

Test Report - Appendix AIR-AP1572xxx-B-K9

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

FCC ID: LDK102093P

5250 - 5350 MHz

Conducted Peak Bandedge

Covers supported antennas up to 14 dBi gain

Cisco Systems 170 West Tasman Drive San Jose, CA 95134

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Test Engineer: 🦼

Date:



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Conducted Bandedge - Peak

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

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

Reference Level: 10 dBm Attenuation: 4 dB Sweep Time: Coupled Resolution Bandwidth: 1MHz

Video Bandwidth: 100 Hz for average

Detector: Peak

Save Peak plot, Limit = -27 dBm eirp (68dBuV @3m)

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

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

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



Antenna Gain 4 dBi

	Antenna Gam 4 dbi									·
Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Bandedge Level (dBm)	Tx 2 Bandedge Level (dBm)	Tx 3 Bandedge Level (dBm)	Tx 4 Bandedge Level (dBm)	Total Tx Bandedge Level (dBm)	Limit (dBm)	Margin (dB)
	Non HT/VHT80, 6 to 54 Mbps	1	4	-34.4				-30.4	-27	3.4
	Non HT/VHT80, 6 to 54 Mbps	2	4	-35.2	-40.8			-30.1	-27	3.1
	Non HT/VHT80, 6 to 54 Mbps	3	4	-40.0	-39.8	-41.0		-31.5	-27	4.5
	Non HT/VHT80, 6 to 54 Mbps	4	4	-45.1	-43.9	-32.9	-41.4	-27.8	-27	0.8
	HT/VHT80, M0 to M7, M0.1 to M9.1	1	4	-37.3				-33.3	-27	6.3
	HT/VHT80, M0 to M7, M0.1 to M9.1	2	4	-37.7	-36.3			-29.9	-27	2.9
	HT/VHT80, M8 to M15, M0.2 to M9.2	2	4	-37.7	-36.3			-29.9	-27	2.9
	HT/VHT80, M0 to M7, M0.1 to M9.1	3	4	-42.1	-38.0	-42.6		-31.6	-27	4.6
	HT/VHT80, M8 to M15, M0.2 to M9.2	3	4	-42.1	-38.0	-42.6		-31.6	-27	4.6
	HT/VHT80, M16 to M23, M0.3 to M9.3	3	4	-42.1	-38.0	-42.6		-31.6	-27	4.6
	HT/VHT80, M0 to M7, M0.1 to M9.1	4	4	-38.4	-38.6	-40.9	-40.5	-29.4	-27	2.4
96	HT/VHT80, M8 to M15, M0.2 to M9.2	4	4	-38.4	-38.6	-40.9	-40.5	-29.4	-27	2.4
5290	HT/VHT80, M16 to M23, M0.3 to M9.3	4	4	-38.4	-38.6	-40.9	-40.5	-29.4	-27	2.4
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	2	4	-37.7	-36.3			-29.9	-27	2.9
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	2	4	-37.7	-36.3			-29.9	-27	2.9
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	3	4	-38.4	-38.6	-40.9		-30.4	-27	3.4
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	3	4	-42.1	-38.0	-42.6		-31.6	-27	4.6
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	3	4	-42.1	-38.0	-42.6		-31.6	-27	4.6
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	4	4	-43.4	-42.4	-46.2	-43.3	-33.6	-27	6.6
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	4	4	-38.4	-38.6	-40.9	-40.5	-29.4	-27	2.4
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	4	4	-38.4	-38.6	-40.9	-40.5	-29.4	-27	2.4
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	2	4	-37.7	-36.3			-29.9	-27	2.9
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	3	4	-42.1	-38.0	-42.6		-31.6	-27	4.6
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	4	4	-38.4	-38.6	-40.9	-40.5	-29.4	-27	2.4
	Non HT/VHT20, 6 to 54 Mbps	1	4	-37.1				-33.1	-27	6.1
	Non HT/VHT20, 6 to 54 Mbps	2	4	-44.7	-46.1			-38.3	-27	11.3
	Non HT/VHT20, 6 to 54 Mbps	3	4	-50.5	-49.2	-49.3		-40.9	-27	13.9
	Non HT/VHT20, 6 to 54 Mbps	4	4	-49.2	-49.9	-51.9	-53.0	-40.7	-27	13.7
5280	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	2	7	-44.7	-46.1			-35.3	-27	8.3
5	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	3	9	-50.0	-50.5	-52.1		-37.2	-27	10.2
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	4	10	-49.2	-49.9	-51.9	-53.0	-34.7	-27	7.7
	HT/VHT20, M0 to M7, M0.1 to M9.1	1	4	-41.5				-37.5	-27	10.5
	HT/VHT20, M0 to M7, M0.1 to M9.1	2	4	-48.9	-46.9			-40.8	-27	13.8



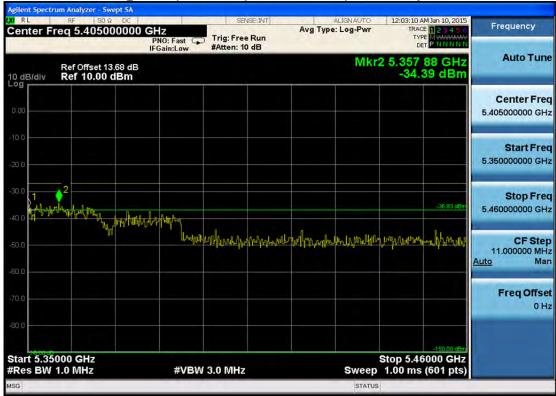
	HT/VHT20, M8 to M15, M0.2 to M9.2	2	4	-42.6	-45.2			-36.7	-27	9.7
	HT/VHT20, M0 to M7, M0.1 to M9.1	3	4	-49.2	-47.8	-50.1		-40.2	-27	13.2
	HT/VHT20, M8 to M15, M0.2 to M9.2	3	4	-45.8	-46.4	-46.8		-37.5	-27	10.5
	HT/VHT20, M16 to M23, M0.3 to M9.3	3	4	-45.8	-46.4	-46.8		-37.5	-27	10.5
	HT/VHT20, M0 to M7, M0.1 to M9.1	4	4	-52.3	-54.2	-52.5	-52.7	-42.8	-27	15.8
	HT/VHT20, M8 to M15, M0.2 to M9.2	4	4	-49.2	-47.8	-50.1	-44.6	-37.4	-27	10.4
	HT/VHT20, M16 to M23, M0.3 to M9.3	4	4	-46.3	-46.4	-49.1	-48.2	-37.3	-27	10.3
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	2	7	-45.8	-46.4	43.1	70.2	-36.1	-27	9.1
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	2	4	-42.6	-45.2			-36.7	-27	9.7
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	3	9	-48.9	-51.4	-51.3		-36.8	-27	9.8
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	3	6	-46.3	-46.4	-49.1		-36.5	-27	9.5
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	3	4	-45.8	-46.4	-46.8		-37.5	-27	10.5
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	4	10	-53.3	-52.9	-52.1	-55.5	-37.3	-27	10.3
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	4	7	-51.5	-51.5	-48.5	-49.0	-36.9	-27	9.9
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	4	5	-46.3	-46.4	-49.1	-48.2	-36.1	-27	9.1
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	2	4	-42.6	-45.2			-36.7	-27	9.7
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	3	4	-45.8	-46.4	-46.8		-37.5	-27	10.5
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	4	4	-49.2	-47.8	-50.1	-44.6	-37.4	-27	10.4
	, ,							-		_
	Non HT/VHT40, 6 to 54 Mbps	1	4	-31.4				-27.4	-27	0.4
	Non HT/VHT40, 6 to 54 Mbps	2	4	-36.8	-34.7			-28.6	-27	1.6
	Non HT/VHT40, 6 to 54 Mbps	3	4	-36.8	-34.7	-37.9		-27.5	-27	0.5
	Non HT/VHT40, 6 to 54 Mbps	4	4	-45.9	-44.5	-46.5	-44.6	-35.3	-27	8.3
	HT/VHT40, M0 to M7, M0.1 to M9.1	1	4	-34.7				-30.7	-27	3.7
	HT/VHT40, M0 to M7, M0.1 to M9.1	2	4	-37.3	-35.1			-29.1	-27	2.1
	HT/VHT40, M8 to M15, M0.2 to M9.2	2	4	-37.3	-35.1			-29.1	-27	2.1
	HT/VHT40, M0 to M7, M0.1 to M9.1	3	4	-46.3	-40.9	-44.0		-34.4	-27	7.4
	HT/VHT40, M8 to M15, M0.2 to M9.2	3	4	-38.6	-37.9	-38.3		-29.5	-27	2.5
	HT/VHT40, M16 to M23, M0.3 to M9.3	3	4	-38.6	-37.9	-38.3		-29.5	-27	2.5
	HT/VHT40, M0 to M7, M0.1 to M9.1	4	4	-47.6	-40.1	-45.5	-39.5	-31.9	-27	4.9
5310	HT/VHT40, M8 to M15, M0.2 to M9.2	4	4	-46.3	-40.9	-44.0	-39.4	-31.9	-27	4.9
Δ,	HT/VHT40, M16 to M23, M0.3 to M9.3	4	4	-46.3	-40.9	-44.0	-39.4	-31.9	-27	4.9
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	2	7	-46.3	-40.9			-32.8	-27	5.8
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	2	4	-37.3	-35.1			-29.1	-27	2.1
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	3	9	-47.6	-46.4	-48.5		-33.8	-27	6.8
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	3	6	-43.4	-42.5	-42.6		-32.2	-27	5.2
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	3	4	-38.6	-37.9	-38.3		-29.5	-27	2.5
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	4	10	-50.9	-50.9	-49.3	-48.1	-33.6	-27	6.6
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	4	7	-48.7	-44.5	-47.7	-42.7	-32.2	-27	5.2
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	4	5	-43.4	-42.5	-42.6	-40.6	-30.9	-27	3.9
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	2	4	-37.3	-35.1			-29.1	-27	2.1
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	3	4	-38.6	-37.9	-38.3		-29.5	-27	2.5



	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	4	4	-46.3	-40.9	-44.0	-39.4	-31.9	-27	4.9
	Non HT/VHT20, 6 to 54 Mbps	1	4	-41.2				-37.2	-27	10.2
	Non HT/VHT20, 6 to 54 Mbps	2	4	-45.9	-42.5			-36.9	-27	9.9
	Non HT/VHT20, 6 to 54 Mbps	3	4	-49.0	-46.1	-46.8		-38.4	-27	11.4
	Non HT/VHT20, 6 to 54 Mbps	4	4	-48.1	-47.3	-51.1	-47.8	-38.3	-27	11.3
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	2	7	-42.6	-45.6			-33.8	-27	6.8
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	3	9	-47.3	-45.3	-50.3		-33.6	-27	6.6
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	4	10	-45.9	-49.9	-50.4	-50.6	-32.7	-27	5.7
	HT/VHT20, M0 to M7, M0.1 to M9.1	1	4	-31.3				-27.3	-27	0.3
	HT/VHT20, M0 to M7, M0.1 to M9.1	2	4	-43.4	-42.0			-35.6	-27	8.6
	HT/VHT20, M8 to M15, M0.2 to M9.2	2	4	-43.3	-44.1			-36.7	-27	9.7
	HT/VHT20, M0 to M7, M0.1 to M9.1	3	4	-46.6	-45.9	-45.1		-37.1	-27	10.1
	HT/VHT20, M8 to M15, M0.2 to M9.2	3	4	-47.3	-43.4	-47.1		-36.8	-27	9.8
0	HT/VHT20, M16 to M23, M0.3 to M9.3	3	4	-47.3	-43.4	-47.1		-36.8	-27	9.8
5320	HT/VHT20, M0 to M7, M0.1 to M9.1	4	4	-50.4	-50.6	-48.5	-49.1	-39.5	-27	12.5
ц)	HT/VHT20, M8 to M15, M0.2 to M9.2	4	4	-46.6	-45.9	-45.1	-43.0	-34.9	-27	7.9
	HT/VHT20, M16 to M23, M0.3 to M9.3	4	4	-45.0	-46.1	-43.5	-42.2	-33.9	-27	6.9
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	2	7	-43.4	-45.9			-34.5	-27	7.5
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	2	4	-43.3	-44.1			-36.7	-27	9.7
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	3	9	-49.4	-48.4	-48.5		-35.2	-27	8.2
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	3	6	-45.0	-46.1	-43.5		-34.2	-27	7.2
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	3	4	-47.3	-43.4	-47.1		-36.8	-27	9.8
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	4	10	-52.1	-49.7	-53.4	-48.4	-34.4	-27	7.4
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	4	7	-48.4	-46.3	-46.5	-46.8	-33.9	-27	6.9
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	4	5	-45.0	-46.1	-43.5	-42.2	-32.7	-27	5.7
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	2	4	-43.3	-44.1			-36.7	-27	9.7
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	3	4	-47.3	-43.4	-47.1		-36.8	-27	9.8
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	4	4	-46.6	-45.9	-45.1	-43.0	-34.9	-27	7.9

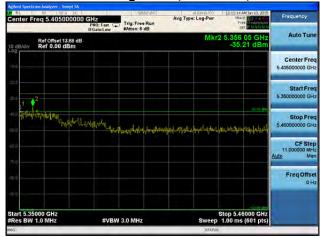






Antenna A







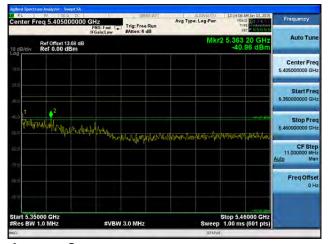
Antenna B







Antenna B



Antenna C









Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5290 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1



Antenna A



Conducted Bandedge Peak, 5290 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1





Antenna B

Antenna A

11



Conducted Bandedge Peak, 5290 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2





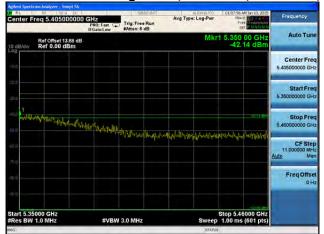
Antenna B

Antenna A

12



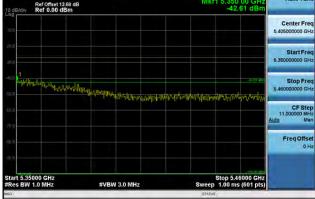
Conducted Bandedge Peak, 5290 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1





Antenna B





Antenna C



Conducted Bandedge Peak, 5290 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2



| Ref Offset 13.83 8B | O Block of the control of t



Antenna C

14



Conducted Bandedge Peak, 5290 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3



Center Freq 5.405000000 GHz Center Freq 5.405000000 GHz Ref Onset 13.85 dB Ref O.00 dBm Start Freq 5.40500000 GHz Start S.3500 GHz Freq Offset 13.85000 GHz Start S.3500 GHz



Antenna C

Antenna B



Conducted Bandedge Peak, 5290 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1



| Center Freq | S.405000000 GHz | Property |



Antenna B



Antenna C

Antenna D

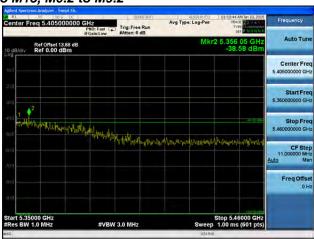


Conducted Bandedge Peak, 5290 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2





Antenna C



Antenna B



Antenna D



Conducted Bandedge Peak, 5290 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3



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Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5290 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A

Antenna B



Conducted Bandedge Peak, 5290 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna A Antenna B

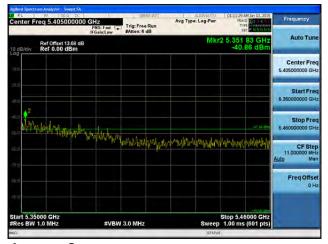


Conducted Bandedge Peak, 5290 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1



| Auto Tune | Auto

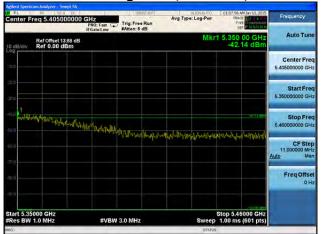




Antenna C



Conducted Bandedge Peak, 5290 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2



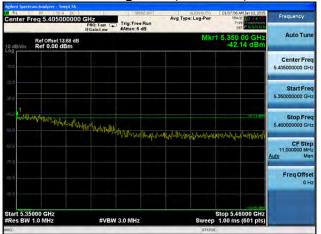




Antenna C



Conducted Bandedge Peak, 5290 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3





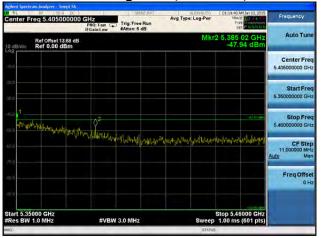




Antenna C



Conducted Bandedge Peak, 5290 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1







Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5290 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2







Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5290 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3







Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5290 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1





Antenna A

Antenna B



Conducted Bandedge Peak, 5290 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1



| State | Stat





Antenna C



Auto Tun

Center Free 5.405000000 GH

Freq Offset

Stop Free 5.460000000 GH:

Freq Offse

Stop 5.46000 GHz Sweep 1.00 ms (601 pts)

Avg Type: Log-Pwr

there for the literary of the till and become by the first for the forest conservation and the same

#VBW 3.0 MHz

#VBW 3.0 MHz

Conducted Bandedge Peak, 5290 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1



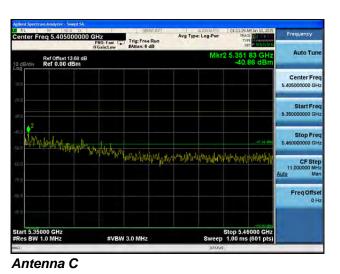
Antenna B

Center Freq 5.405000000 GHz
PNC: Fast Trig: Free Run

Ref Offset 13.68 dB Ref 0.00 dBm

Ref Offset 13,68 dB Ref 0,00 dBm

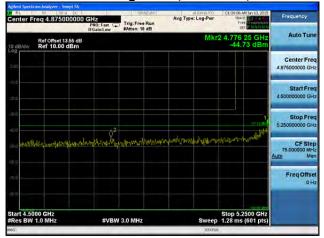
Antenna A



Antenna D

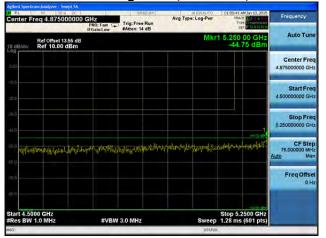


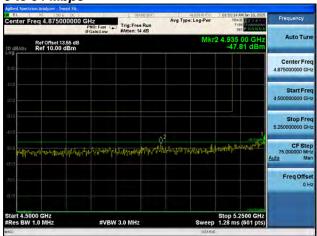




Antenna A



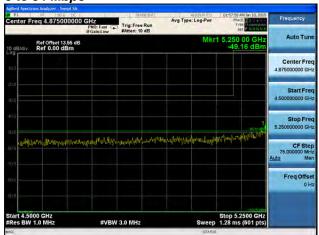




Antenna A Antenna B





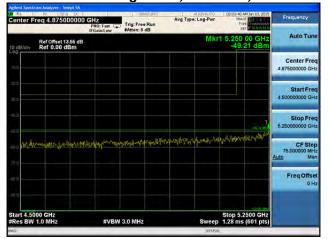






Antenna C

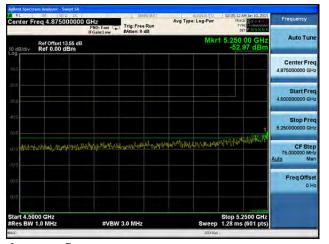




| Augusto | Augu



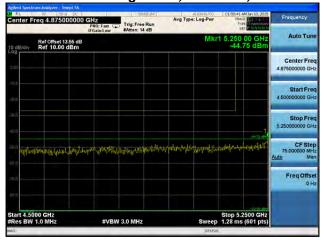
Antenna B

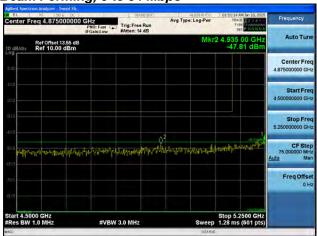


Antenna C

Antenna D





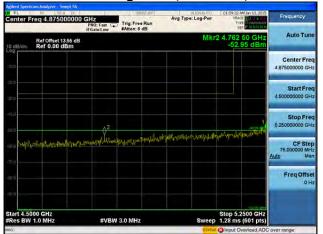


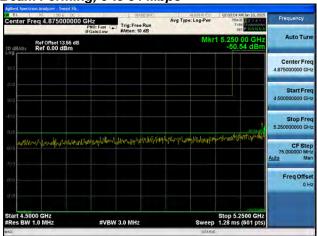
Antenna B

Antenna A

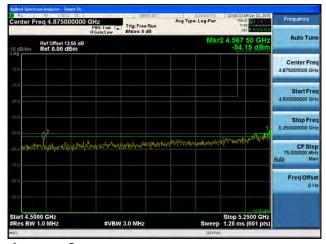
34





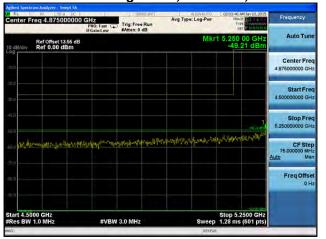






Antenna C









Antenna B

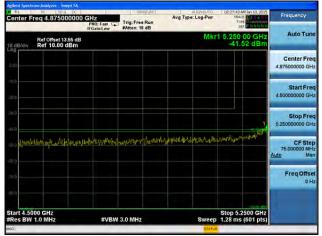


Antenna C

Antenna D



Conducted Bandedge Peak, 5280 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1

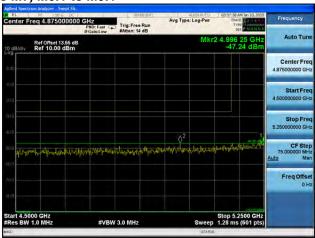


Antenna A



Conducted Bandedge Peak, 5280 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1

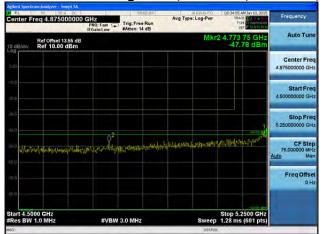


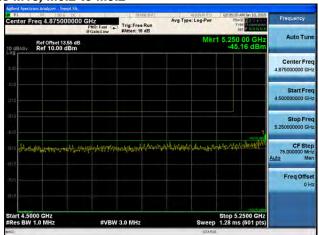


Antenna A Antenna B



Conducted Bandedge Peak, 5280 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2

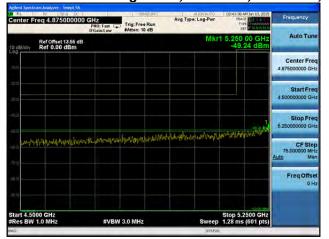


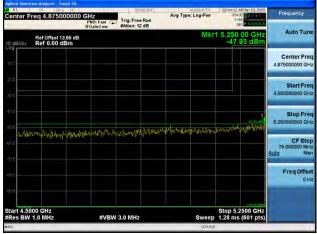


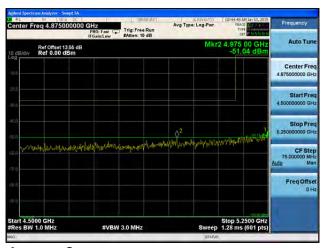
Antenna A Antenna B



Conducted Bandedge Peak, 5280 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1





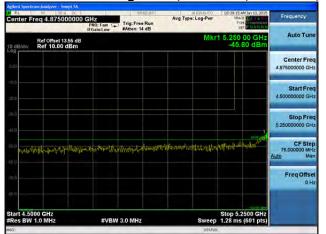


Antenna C

Antenna B



Conducted Bandedge Peak, 5280 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



| September | Sept

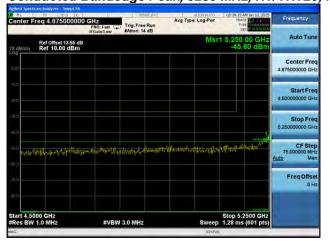


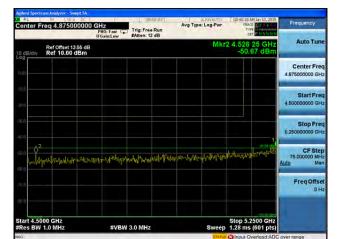
Antenna C

41



Conducted Bandedge Peak, 5280 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3



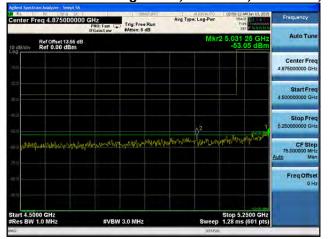


Antenna C

Antenna B



Conducted Bandedge Peak, 5280 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



Center Freq 4.875000000 CH2 Ref Oncet 13.85 dB Ref Once 13.85 dB Ref Oncet 13.85 dB Ref Once 13.85 dB R



Antenna B

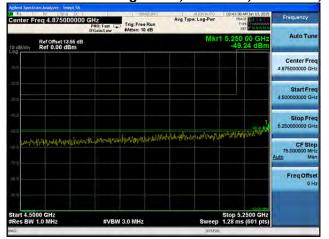


Antenna C

Antenna D



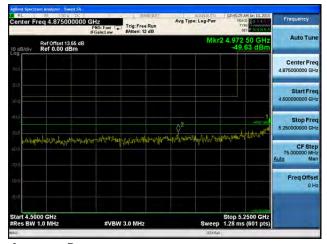
Conducted Bandedge Peak, 5280 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



Conter Freq 4.875000000 CH2 Conter Freq 4.875000000 CH2 Ref Oncet 13.85 dB Ref O.00 dBm Start Freq A875000000 CH2 Start Freq Offset OHz Ref O.00 dBm Ref



Antenna B

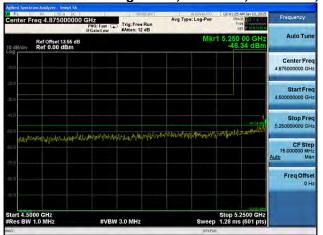


Antenna C

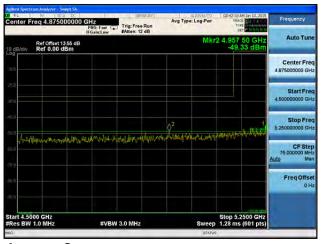
Antenna D



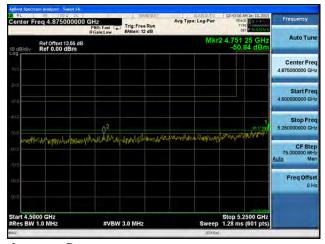
Conducted Bandedge Peak, 5280 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3



Center Freq 4.875000000 CH2 Center Freq 4.875000000 CH2 Ref Onest 3.85 dB Ref 0.00 dBm Ref 0.00



Antenna B

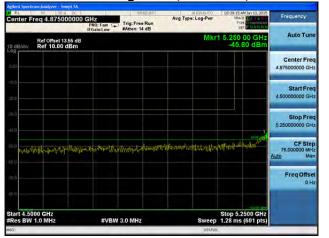


Antenna C

Antenna D



Conducted Bandedge Peak, 5280 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1



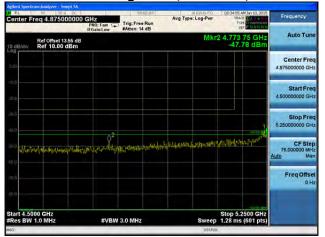


Antenna A

Antenna B



Conducted Bandedge Peak, 5280 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2

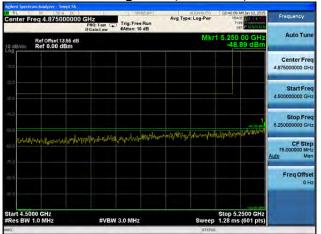


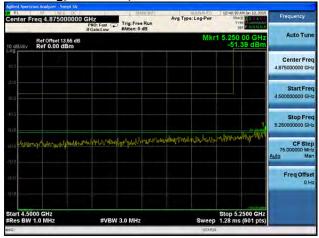


Antenna A Antenna B



Conducted Bandedge Peak, 5280 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1





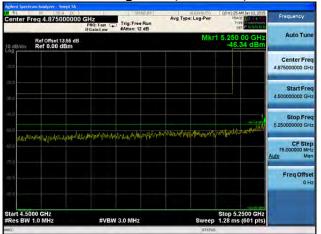


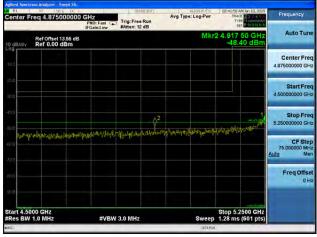


Antenna C

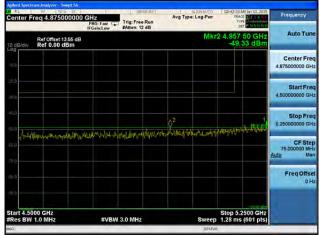


Conducted Bandedge Peak, 5280 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2





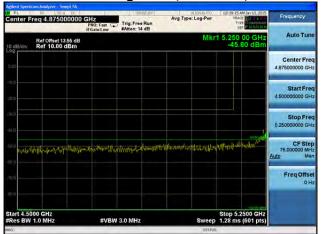


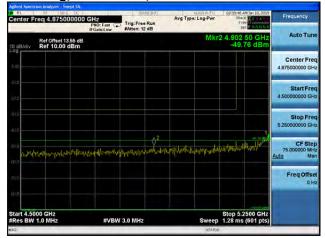


Antenna C



Conducted Bandedge Peak, 5280 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3





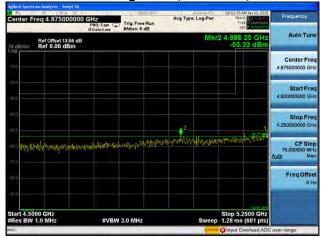




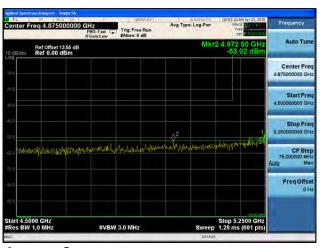
Antenna C



Conducted Bandedge Peak, 5280 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1







Antenna B

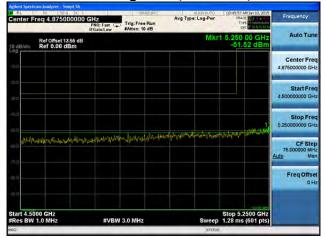


Antenna C

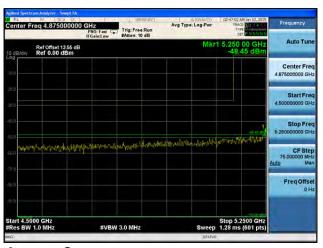
Antenna D



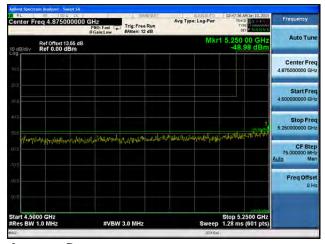
Conducted Bandedge Peak, 5280 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2







Antenna B

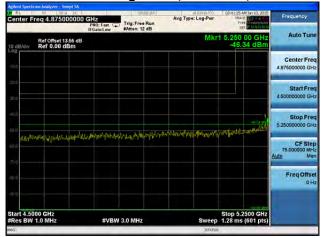


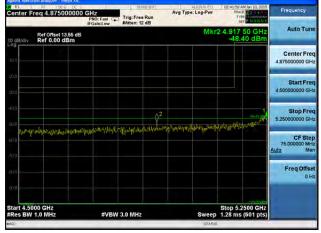
Antenna C

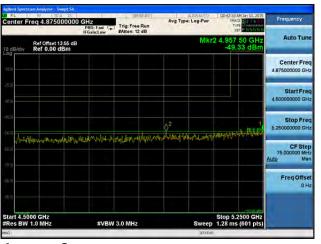
Antenna D



Conducted Bandedge Peak, 5280 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3







Antenna B

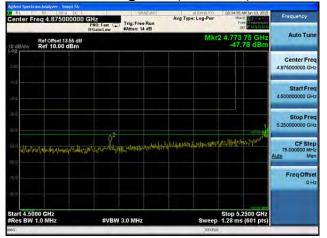


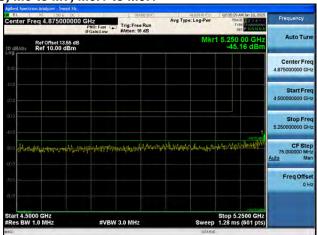
Antenna C

Antenna D



Conducted Bandedge Peak, 5280 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1





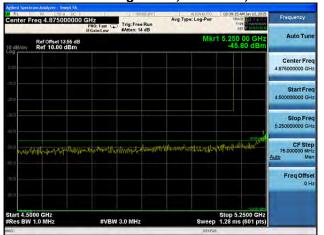
Antenna B

Antenna A

54



Conducted Bandedge Peak, 5280 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1



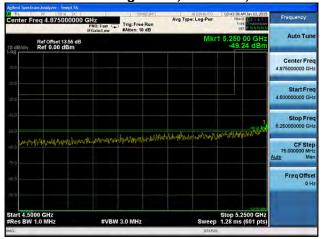


Antenna C

55

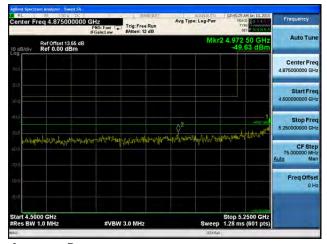


Conducted Bandedge Peak, 5280 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1





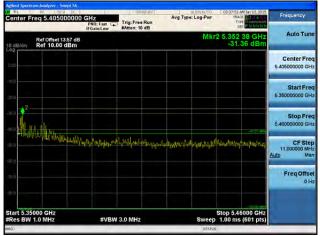
Antenna B



Antenna C

Antenna D

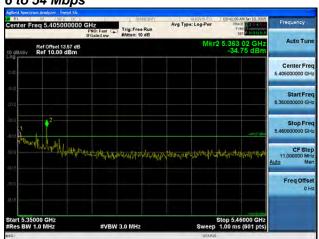




Antenna A



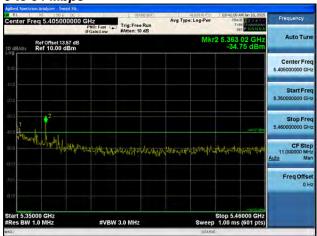




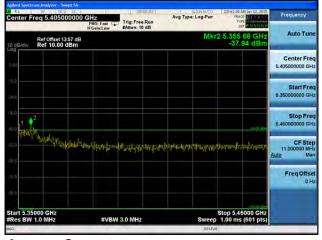
Antenna A Antenna B









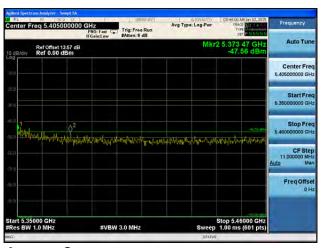


Antenna C









Antenna B

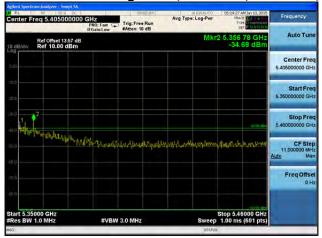


Antenna C

Antenna D



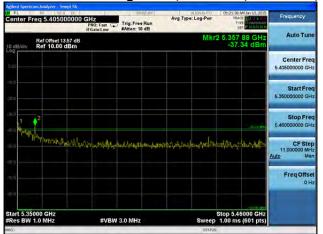
Conducted Bandedge Peak, 5310 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1

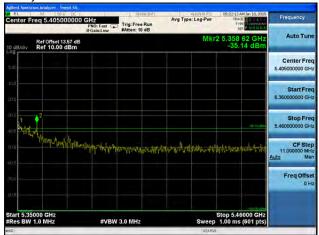


Antenna A



Conducted Bandedge Peak, 5310 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1

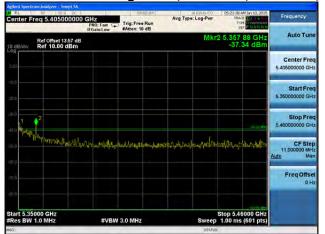


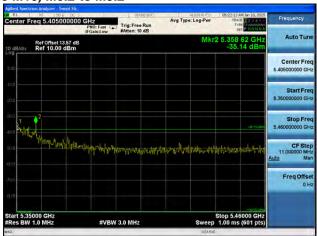


Antenna A Antenna B



Conducted Bandedge Peak, 5310 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2

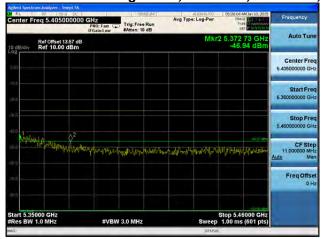




Antenna A Antenna B



Conducted Bandedge Peak, 5310 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1



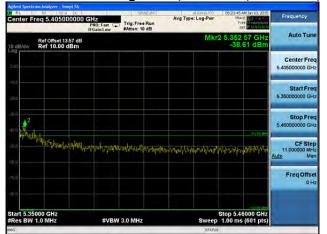


Antenna C

Antenna B

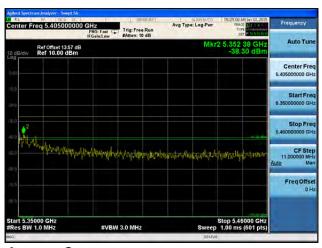


Conducted Bandedge Peak, 5310 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2



Avg Type: Log-Pwr

Antenna A

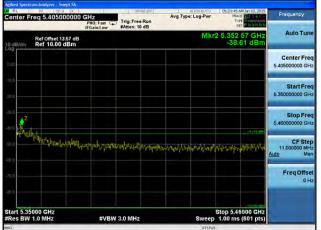


Antenna C

Antenna B

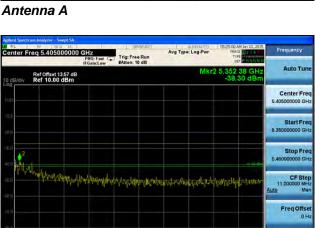


Conducted Bandedge Peak, 5310 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3



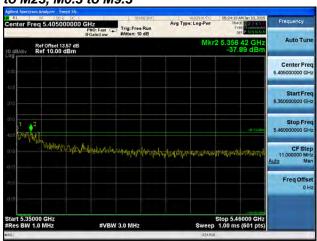
Antenna B

Stop 5.46000 GHz Sweep 1.00 ms (601 pts)



#VBW 3.0 MHz

Antenna C





Auto Tun

Center Freq 5.405000000 GHz

Freq Offset

Stop Free 5.460000000 GH:

Freq Offse

Stop 5.46000 GHz Sweep 1.00 ms (601 pts)

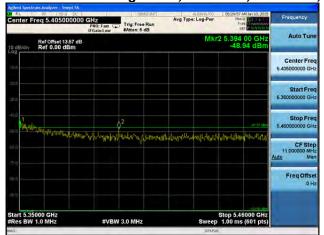
Avg Type: Log-Pwr

or the fall that you be placed or not freely in the property of the second of the second

#VBW 3.0 MHz

#VBW 3.0 MHz

Conducted Bandedge Peak, 5310 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1



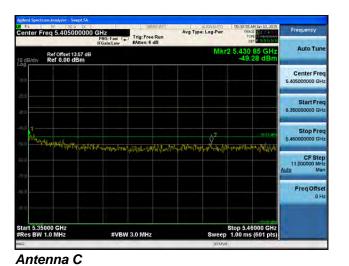
Start 5,35000 GHz

Antenna B

enter Freq 5.405000000 GHz
PNO: Fast Trig: Free Run

Ref Offset 13.57 dB Ref 0.00 dBm

Ref Offset 13,57 dB Ref 0,00 dBm

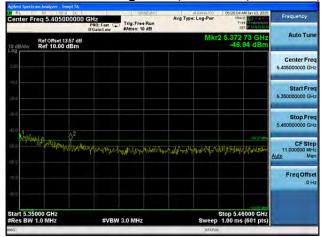




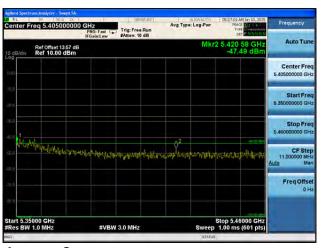




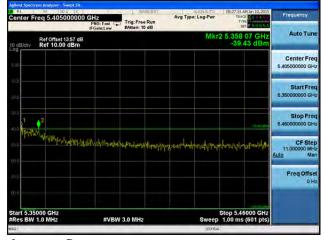
Conducted Bandedge Peak, 5310 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2



Center Freq 5.40500000 GHz Ref 076set 13.57 dB Ref 10.00 dBm Re



Antenna B



Antenna C

Antenna D



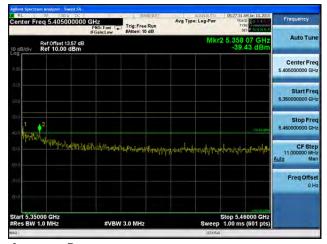
Conducted Bandedge Peak, 5310 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3



Avg Type: Log-Pwr



Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5310 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1

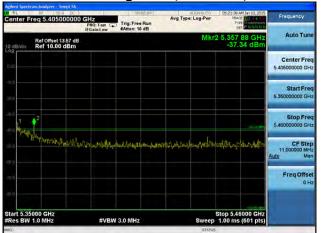


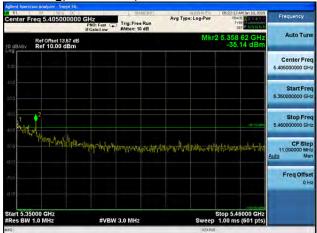


Antenna B



Conducted Bandedge Peak, 5310 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2

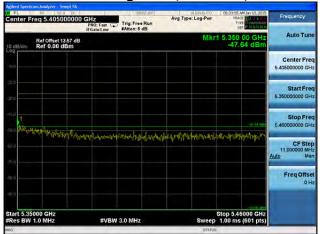




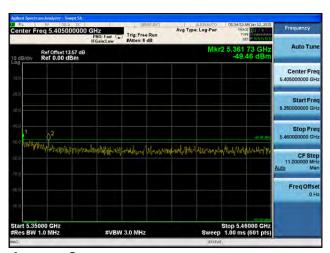
Antenna A Antenna B



Conducted Bandedge Peak, 5310 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1





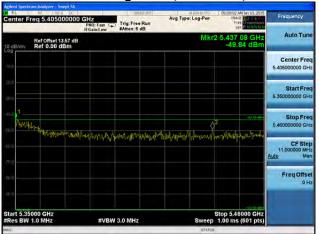


Antenna C

Antenna B

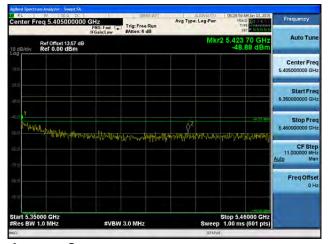


Conducted Bandedge Peak, 5310 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2



| Applied | September | Septem

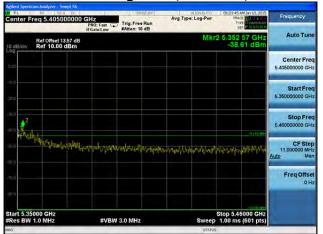
Antenna B

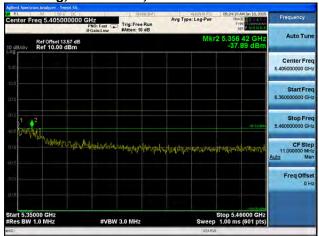


Antenna C

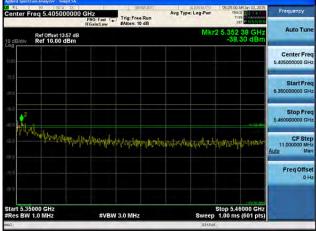


Conducted Bandedge Peak, 5310 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3





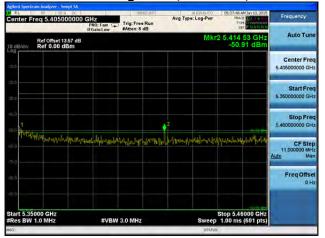


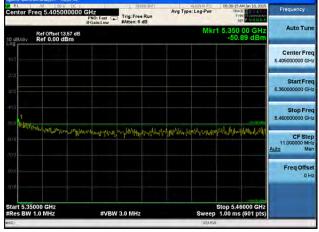


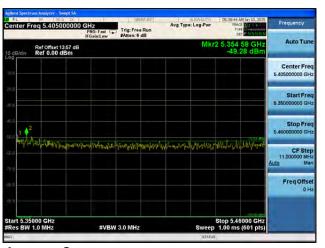
Antenna C



Conducted Bandedge Peak, 5310 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1







Antenna B

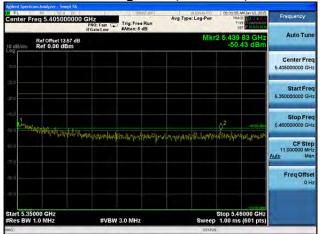


Antenna C

Antenna D



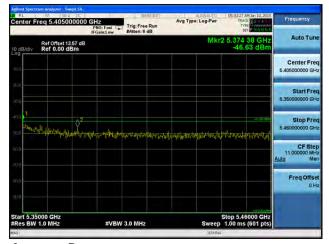
Conducted Bandedge Peak, 5310 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2







Antenna B

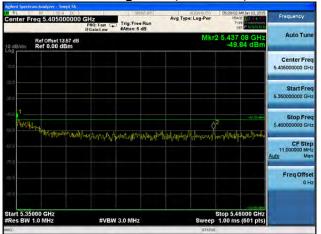


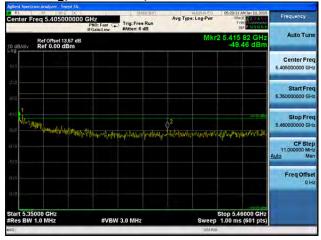
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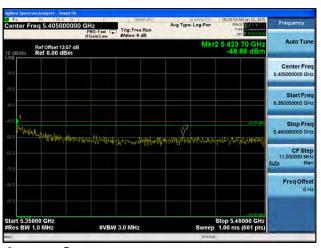
Antenna D



Conducted Bandedge Peak, 5310 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3







Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5310 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1

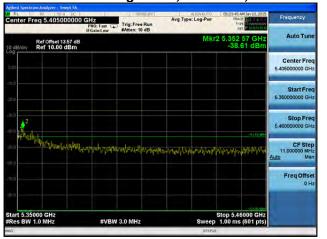




Antenna B

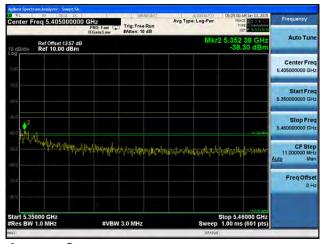


Conducted Bandedge Peak, 5310 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1



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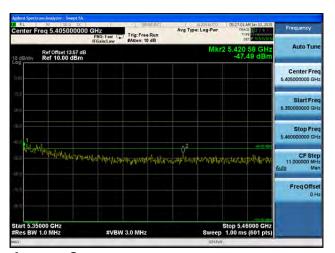
Antenna C



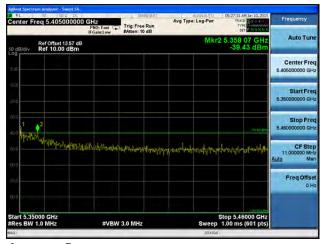
Conducted Bandedge Peak, 5310 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1



Center Freq 5.405000000 GHz PRO Feet Live Auto Tune Center Freq 5.40500000 GHz Start Freq 5.40500000 GHz Pro Feet Live Start Freq 5.40500000 GHz Pro Feet Live Pro Feet L



Antenna B



Antenna C

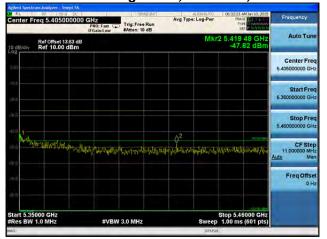
Antenna D

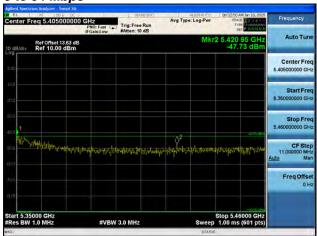




Antenna A

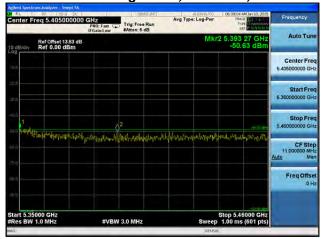






Antenna A Antenna B







Antenna C

Antenna B









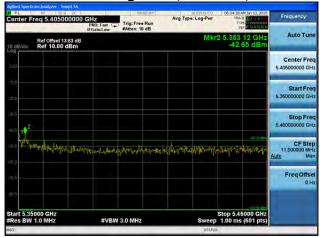
Antenna B



Antenna C

Antenna D

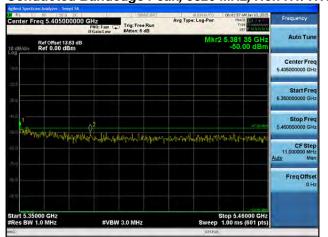






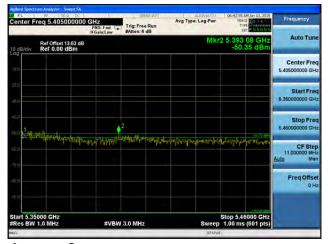
Antenna A Antenna B





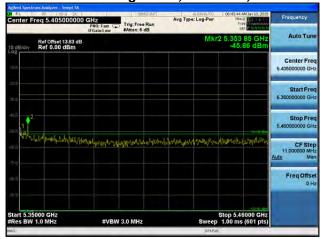


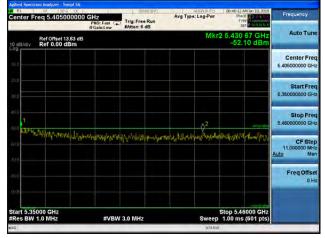


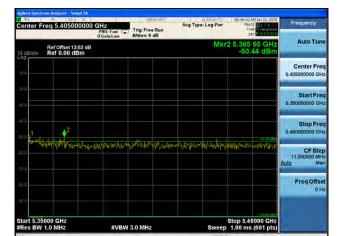


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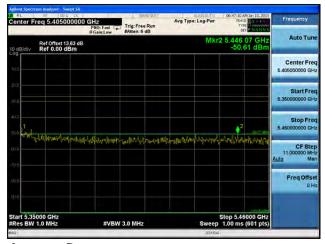








Antenna B

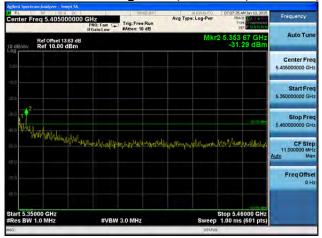


Antenna C

Antenna D



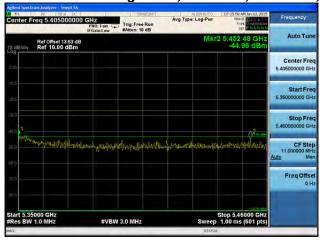
Conducted Bandedge Peak, 5320 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1

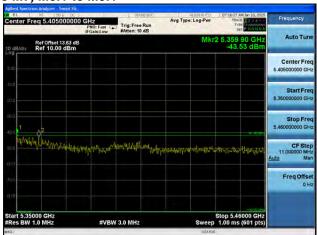


Antenna A



Conducted Bandedge Peak, 5320 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1

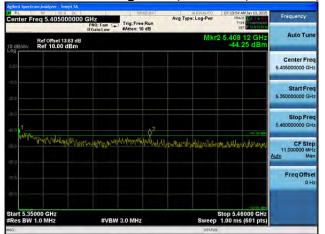


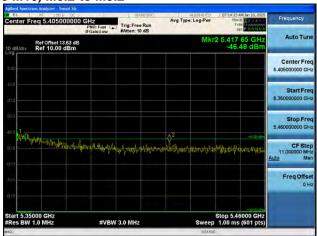


Antenna A Antenna B



Conducted Bandedge Peak, 5320 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2





Antenna A Antenna B



Auto Tun

Center Free 5.405000000 GH

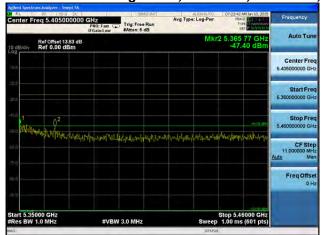
Freq Offset

Avg Type: Log-Pwr

Andrew Market Military from the control of the market of the form of the control of the control

#VBW 3.0 MHz

Conducted Bandedge Peak, 5320 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



Start 5.35000 GHz

Antenna B

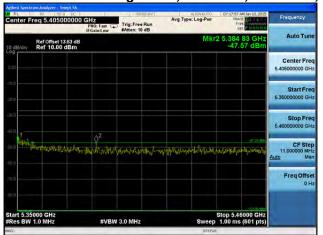
Ref Offset 13.63 dB Ref 0.00 dBm



Antenna C



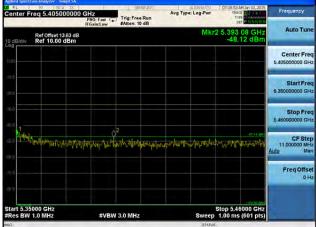
Conducted Bandedge Peak, 5320 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



Center Freq 5.405000000 GHz Ref 0.00 GHz Ref 10.00 GHz Ref 10.00 GHz Start 5.35000 GHz Freq Units | Freq

Antenna B

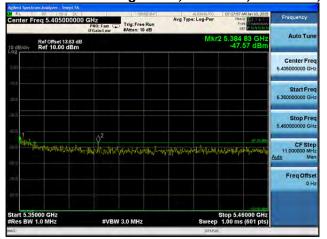




Antenna C



Conducted Bandedge Peak, 5320 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3



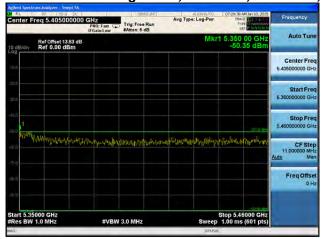




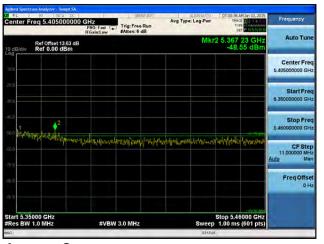
Antenna C



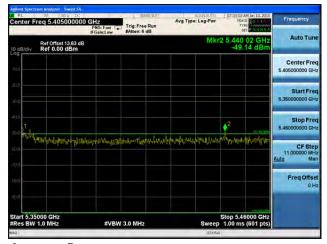
Conducted Bandedge Peak, 5320 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



Avg Type: Log-Pwr



Antenna B



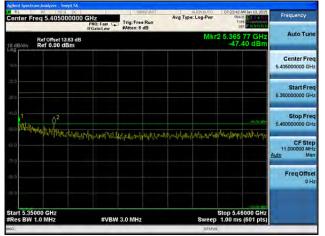
Antenna C

Antenna D



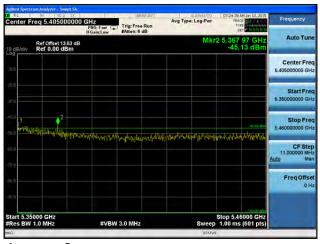
Auto Tun

Conducted Bandedge Peak, 5320 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



Ref Onet 1383 dB Ref 0.00 dBm Center Freq 6.40500000 GHz Start Freq 5.50000000 GHz Start Freq 5.45000000 GHz CF Step 11,00000 MHz Addo Man Freq Offset 0 Hz Start 5.35000 GHz #VBW 3.0 MHz Sweep 1.00 ms (001 pts)

Avg Type: Log-Pwr



Antenna B

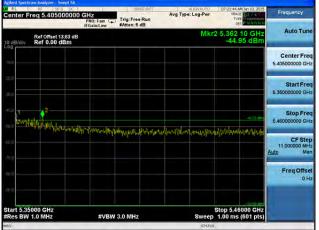


Antenna C

Antenna D

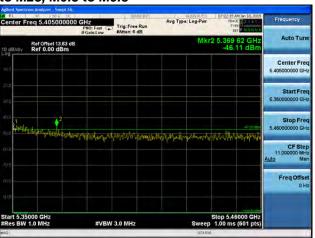


Conducted Bandedge Peak, 5320 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3

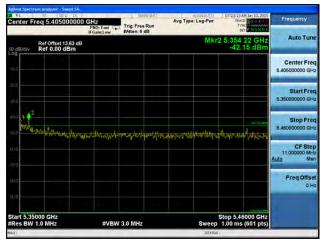




Antenna C



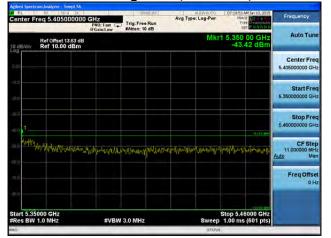
Antenna B



Antenna D



Conducted Bandedge Peak, 5320 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1

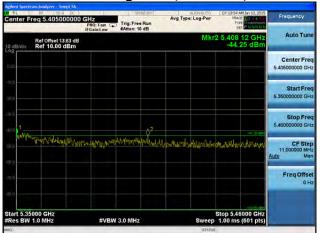




Antenna B



Conducted Bandedge Peak, 5320 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2

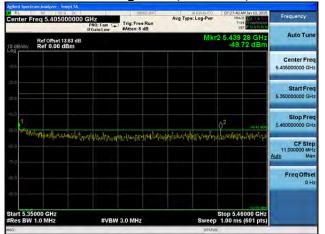




Antenna B

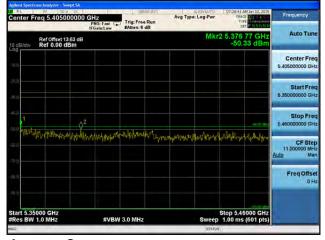


Conducted Bandedge Peak, 5320 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1





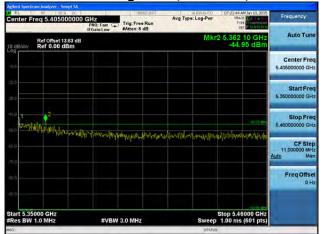


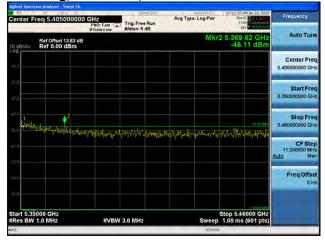


Antenna C

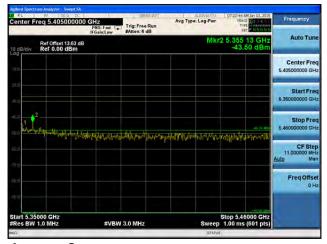


Conducted Bandedge Peak, 5320 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2









Antenna C