



Test Report

AIR-CAP3702P-A-K9

Cisco Aironet 802.11ac Dual Band Access Points

FCC ID: LDK102087P

IC: 2461B-102087P

Also covers:

AIR-CAP3702P-D-K9,

AIR-CAP3702P-N-K9,

AIR-CAP3702P-Z-K9,

5250-5350 MHz

Against the following Specifications:

CFR47 Part 15.407

RSS210

Cisco Systems

170 West Tasman Drive

San Jose, CA 95134



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Section 1: Overview

1.1 Test Summary

samples were assessed against the tests detailed in section 3 under the requirements of the following specifications:

Emission	Immunity
CFR47 Part 15.407 RSS210	N/A

The specifications listed above represent actual tests performed to demonstrate compliance against the specifications and basic standards listed on the front cover of this report. This list is not a one to one match to the front cover for one or more of the following reasons.

1. Basic standards call up many different test phenomena specifications such as the 61000-4-X series. The basic standards define which elements and levels shall be applied from these specifications and as such it is not appropriate to list the individual specifications on the front cover.
2. A Standard listed on the front cover may be required in a particular country but is not appropriate for the particular technologies included in the equipment under test. E.g. You cannot test a DC product to the mains Harmonics requirements in EN61000-3-2. See section 3.2.
3. Test results against a particular standard or specification may be included in a different test report. See section 3.2 for an EDCS reference of this data.
4. Where appropriate, Cisco may have substituted a later revision of a basic standard to those referenced in the specification on the front sheet of this test report. This decision was based upon improved test methodology and repeatability and/or where the newer revision represented a more stringent test.
5. Where relevant, testing has been carried out to the requirements of both EN and IEC Specifications. This was possible because of the similarities of the test methods involved and the Cisco EMC test procedures.
6. Testing may have been performed to an equivalent test that satisfies the requirements of the standards and specifications listed on the front cover of the report. See section 3.2.
7. Where radiated emissions testing has been performed to EN55022/CISPR22 the additional requirements of VCCI: V-3/2006.04, EN55022: 1994 +A1/2 and CAN/CSA- CISPR 22-02 have also been evaluated unless otherwise stated.
8. Testing to the requirements of CFR47 Part 15 was performed against the CISPR22 limits. The results are therefore deemed satisfactory evidence of compliance with Industry Canada Interference Causing Equipment Standard ICES-003.
9. Where assessment has been performed to CISPR24, all the applicable test requirements may have not been covered. Refer to the results section for the tests performed.

Notes:

- 1) Where a specification listed on the front cover of this report has deviations from the basic standards listed above, the additional technical requirements of the specification were also assessed.
- 2) Where appropriate, Cisco may have substituted a later revision of a basic standard to those referenced in the specification on the front sheet of this test report. This decision was based upon improved test methodology and repeatability and/or where the newer revision represented a more stringent test.
- 3) Where relevant, testing has been carried out to the requirements of both EN and IEC Specifications. This was possible because of the similarities of the test methods involved and the Cisco EMC test procedures.



Section 2: Assessment Information

2.1 General

This report contains an assessment of an apparatus against Electromagnetic Compatibility Standards based upon tests carried out on the samples submitted. The testing was performed by and for the use of Cisco systems Inc:

With regard to this assessment, the following points should be noted:

- a) The results contained in this report relate only to the items tested and were obtained in the period between the date of the initial assessment and the date of issue of the report. Manufactured products will not necessarily give identical results due to production and measurement tolerances.
- b) The apparatus was set up and exercised using the configuration and modes of operation defined in this report only.
- c) Where relevant, the apparatus was only assessed using the susceptibility criteria defined in this report and the Test Assessment Plan (TAP).
- d) All testing was performed under the following environmental conditions:

Temperature	15°C to 35°C (54°F to 95°F)
Atmospheric Pressure	860mbar to 1060mbar (25.4" to 31.3")
Humidity	10% to 75*%

*[Where applicable] For ESD testing the humidity limits used were 30% to 60% and for EFT/B tests the humidity limits used were 25% to 75%.
- e) All AC testing was performed at one or more of the following supply voltages:

110V 60 Hz (+/-20%)
220V 50 Hz (+/-20%)

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22.2 Date of testing

22-May-2013 to 5-June-2013

2.3 Report Issue Date

Cisco uses an electronic system to issue, store and control the revision of test reports. This system is called the Engineering Document Control System (EDCS). The actual report issue date is embedded into the original file on EDCS. Any copies of this report, either electronic or paper, that are not on EDCS must be considered uncontrolled

2.4 Testing facilities

This assessment was performed by:

Testing Laboratory

Cisco Systems, Inc.,	Cisco Systems, Inc.
4125 Highlander Parkway	170 West Tasman Drive
Richfield, OH 44286	San Jose, CA 95134
USA	USA

Test Engineers

James Nicholson

2.5 Equipment Assessed (EUT)

AIR-SAP3702P-A-K9 Cisco Aironet 802.11ac Dual Band Access Point



2.6 EUT Description

The 3700 Series Cisco Aironet 802.11ac Dual Band Access Points support the following modes of operation. The modes are further defined in the radio Theory of Operation. The modes included in this report represent the worst case data for all modes.

Non HT/VHT-20, One Antenna, 6 to 54 Mbps
Non HT/VHT-20, Two Antennas, 6 to 54 Mbps
Non HT/VHT-20, Three Antennas, 6 to 54 Mbps
Non HT/VHT-20, Four Antennas, 6 to 54 Mbps

Non HT/VHT-20 Beam Forming, Two Antennas, 6 to 54 Mbps
Non HT/VHT-20 Beam Forming, Three Antennas, 6 to 54 Mbps
Non HT/VHT-20 Beam Forming, Four Antennas, 6 to 54 Mbps

HT/VHT-20, One Antenna, M0 to M7, m0.1 to m9.1
HT/VHT-20, Two Antennas, M0 to M15, m0.1 to m9.2
HT/VHT-20, Three Antennas, M0 to M23, m0.1 to m9.3
HT/VHT-20, Four Antennas, M0 to M23, m0.1 to m9.3

HT/VHT-20 STBC, Two Antennas, M0 to M7, m0.1 to m9.1
HT/VHT-20 STBC, Three Antennas, M0 to M7, m0.1 to m9.1
HT/VHT-20 STBC, Four Antennas, M0 to M7, m0.1 to m9.1

HT/VHT-20 Beam Forming, Two Antennas, M0 to M15, m0.1 to m9.2
HT/VHT-20 Beam Forming, Three Antennas, M0 to M23, m0.1 to m9.3
HT/VHT-20 Beam Forming, Four Antennas, M0 to M23, m0.1 to m9.3

Non HT/VHT-40 Duplicate, One Antenna, 6-54 Mbps
Non HT/VHT-40 Duplicate, Two Antennas, 6-54 Mbps
Non HT/VHT-40 Duplicate, Three Antennas, 6-54 Mbps
Non HT/VHT-40 Duplicate, Four Antennas, 6-54 Mbps

HT/VHT-40, One Antenna, M0 to M7, m0.1 to m9.1
HT/VHT-40, Two Antennas, M0 to M15, m0.1 to m9.2
HT/VHT-40, Three Antennas, M0 to M23, m0.1 to m9.3
HT/VHT-40, Four Antennas, M0 to M23, m0.1 to m9.3

HT/VHT-40 STBC, Two Antennas, M0 to M7, m0.1 to m9.1
HT/VHT-40 STBC, Three Antennas, M0 to M7, m0.1 to m9.1
HT/VHT-40 STBC, Four Antennas, M0 to M7, m0.1 to m9.1

HT/VHT-40 Beam Forming, Two Antennas, M0 to M15, m0.1 to m9.2
HT/VHT-40 Beam Forming, Three Antennas, M0 to M23, m0.1 to m9.3
HT/VHT-40 Beam Forming, Four Antennas, M0 to M23, m0.1 to m9.3



Non VHT-80 Duplicate, One Antenna, 6-54 Mbps
 Non VHT-80 Duplicate, Two Antennas, 6-54 Mbps
 Non VHT-80 Duplicate, Three Antennas, 6-54 Mbps
 Non VHT-80 Duplicate, Four Antennas, 6-54 Mbps

VHT-80, One Antenna, M0 to M7, m0.1 to m9.1
 VHT-80, Two Antennas, M0 to M15, m0.1 to m9.2
 VHT-80, Three Antennas, M0 to M23, m0.1 to m9.3
 VHT-80, Four Antennas, M0 to M23, m0.1 to m9.3

VHT-80 STBC, Two Antennas, M0 to M7, m0.1 to m9.1
 VHT-80 STBC, Three Antennas, M0 to M7, m0.1 to m9.1
 VHT-80 STBC, Four Antennas, M0 to M7, m0.1 to m9.1

VHT-80 Beam Forming, Two Antennas, M0 to M15, m0.1 to m9.2
 VHT-80 Beam Forming, Three Antennas, M0 to M23, m0.1 to m9.3
 VHT-80 Beam Forming, Four Antennas, M0 to M23, m0.1 to m9.3

The following antennas are supported by this product series.

The data included in this report represent the antennas in **bold** below.

Part Number	Antenna Type	Antenna Gain (dBi)
AIR-ANT2524DB-R	Dual-resonant black dipole	2 / 4
AIR-ANT2524DW-R	Dual-resonant white dipole	2 / 4
AIR-ANT2524DG-R	Dual-resonant gray dipole	2 / 4
AIR-ANT2524V4C-R	Dual-resonant ceiling mount omni (4-pack)	2 / 4
AIR-ANT2544V4M-R	Dual-resonant omni (4-pack)	4 / 4
AIR-ANT2566P4W-R	Dual-resonant "directional" antenna (4-pack)	6 / 6
AIR-ANT2513P4M-N	Dual-resonant cross-pol "directional" antenna (4-pack)	13 / 13
AIR-ANT2534V4C-R	Dual-resonant ceiling mount omni (4-pack)	3 / 4



Section 4: Sample Details

Note: Each sample was evaluated to ensure that its condition was suitable to be used as a test sample prior to the commencement of testing. Please also refer to the "Justification for worst Case test Configuration" section of this report for further details on the selection of EUT samples.

4.1 Sample Details (Photographs of the test samples, where appropriate can be found in appendix H)

Sample No.	Equipment Details	Part Number	Manufacturer	Hardware Rev.	Firmware Rev.	Software Rev.	Serial Number
S01	AIR-SAP3702P-A-K9		Cisco Systems	NA	NA	NA	
S02	AIR-PWR-B	341-0306-01	Cisco Systems	NA	NA	NA	

4.2 System Details

System #	Description	Samples
1	EUT	S01, S02

4.3 Mode of Operation Details

Mode#	Description	Comments
1	Continuous Transmitting	Continuous Transmitting

All tests in this report were performed as described in FCC KDB 662911 D01



Appendix A: Emission Test Results**Testing Laboratory:** Cisco Systems, Inc., 4125 Highlander Parkway, Richfield, OH, USA**Target Maximum Channel Power**

The following table details the maximum supported Total Channel Power for all operating modes.

Operating Mode	Maximum Channel Power (dBm)	
	Frequency (MHz)	
	5260	5320
Non HT-20, 6 to 54 Mbps	13	12
Non HT-20 Beam Forming, 6 to 54 Mbps	11	11
HT-20, M0 to M23, M0.1 to M9.3	14	13
HT-20 STBC, M0 to M7, M0.1 to M9.1	14	12
HT-20 Beam Forming, M0 to M23, M0.1 to M9.3	14	13
	5260/5280	5300/5320
Non HT-40 Duplicate, 6 to 54 Mbps	14	13
HT-40, M0 to M23, M0.1 to M9.3	14	13
HT-40 STBC, M0 to M7, M0.1 to M9.1	14	13
HT-40 Beam Forming, M0 to M23, M0.1 to M9.3	14	13
	5260/5280/5300/5320	
Non HT-80 Duplicate, 6 to 54 Mbps	14	
HT-80, M0 to M23, M0.1 to M9.3	14	
HT-80 STBC, M0 to M7, M0.1 to M9.1	14	
HT-80 Beam Forming, M0 to M23, M0.1 to M9.3	14	



99% and 26dB Bandwidth

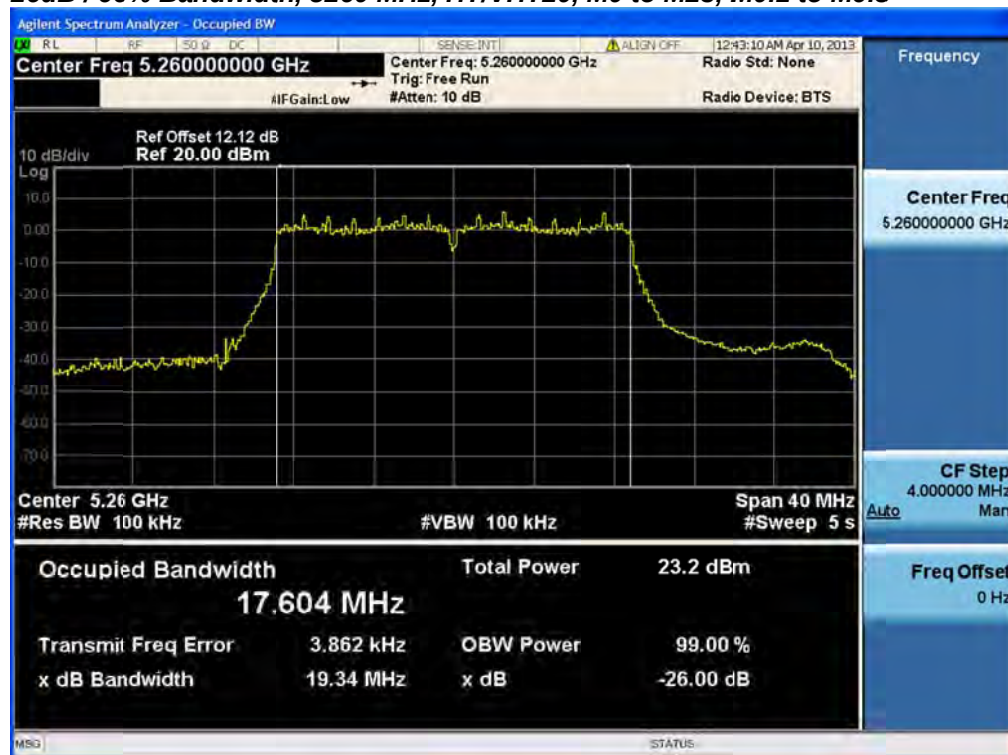
Connect the antenna port(s) to the spectrum analyzer input. Using the spectrum analyzer Channel Bandwidth mode, configure the spectrum analyzer as shown below (enter all losses between the transmitter output and the spectrum analyzer).

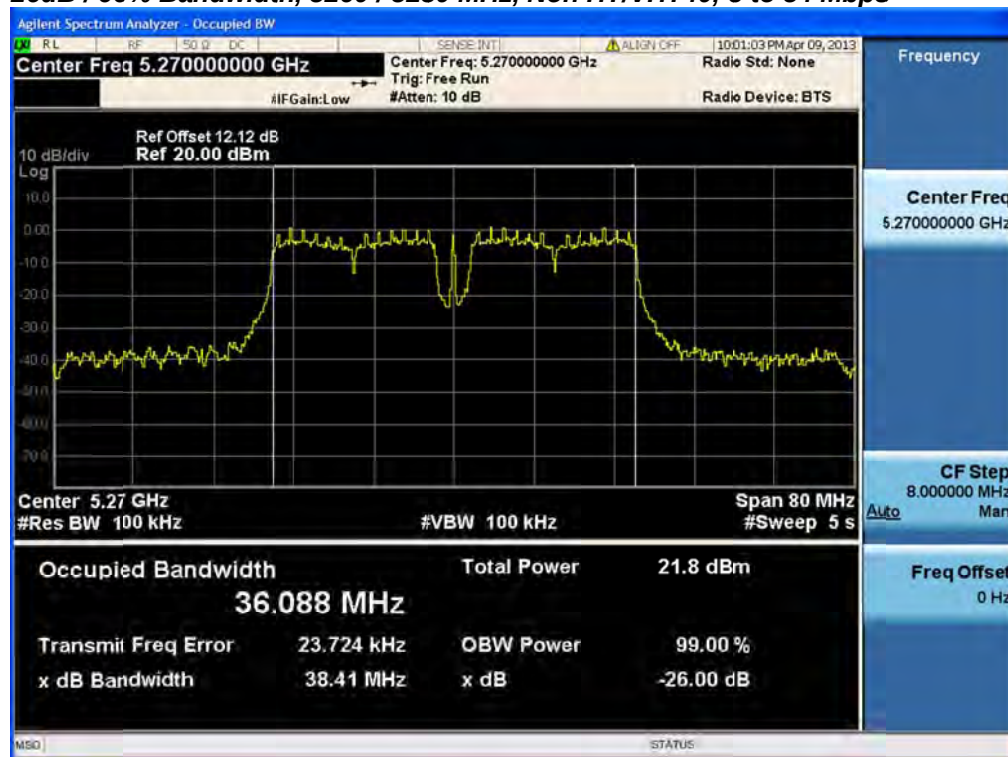
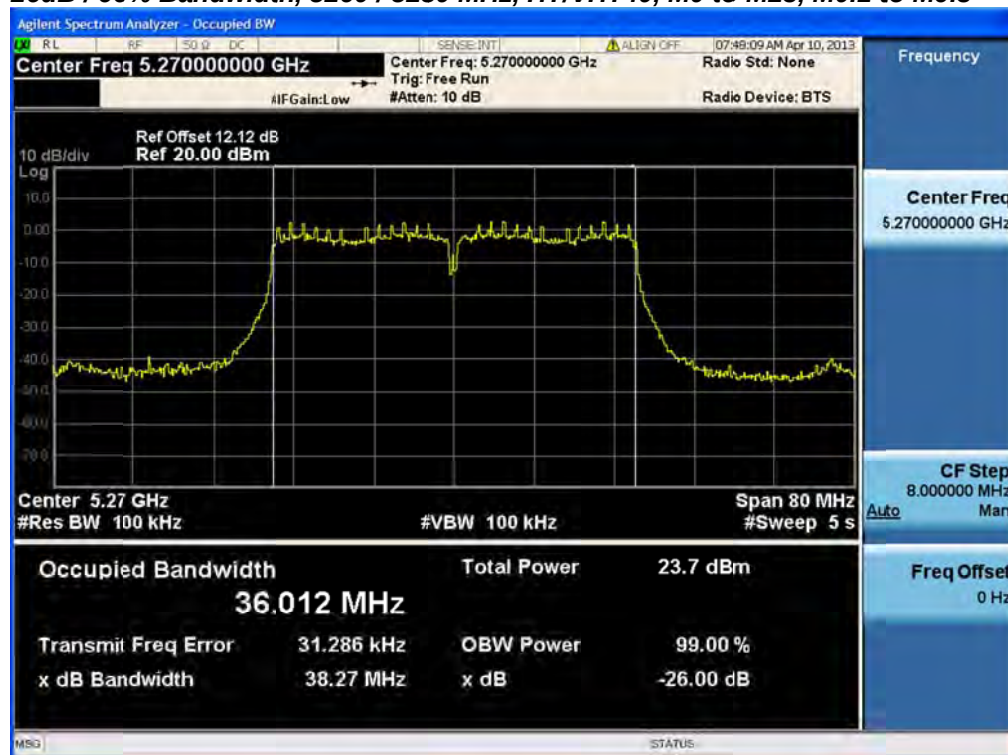
Center Frequency:	Frequency from table below
Span:	2 x Nominal Bandwidth (e.g. 40MHz for a 20MHz channel)
Reference Level:	20 dBm
Attenuation:	10 dB
Sweep Time:	5 s
Resolution Bandwidth:	1%-3% of 26 dB Bandwidth
Video Bandwidth:	≥Resolution Bandwidth
X dB Bandwidth:	26 dB
Detector:	Peak
Trace:	Single

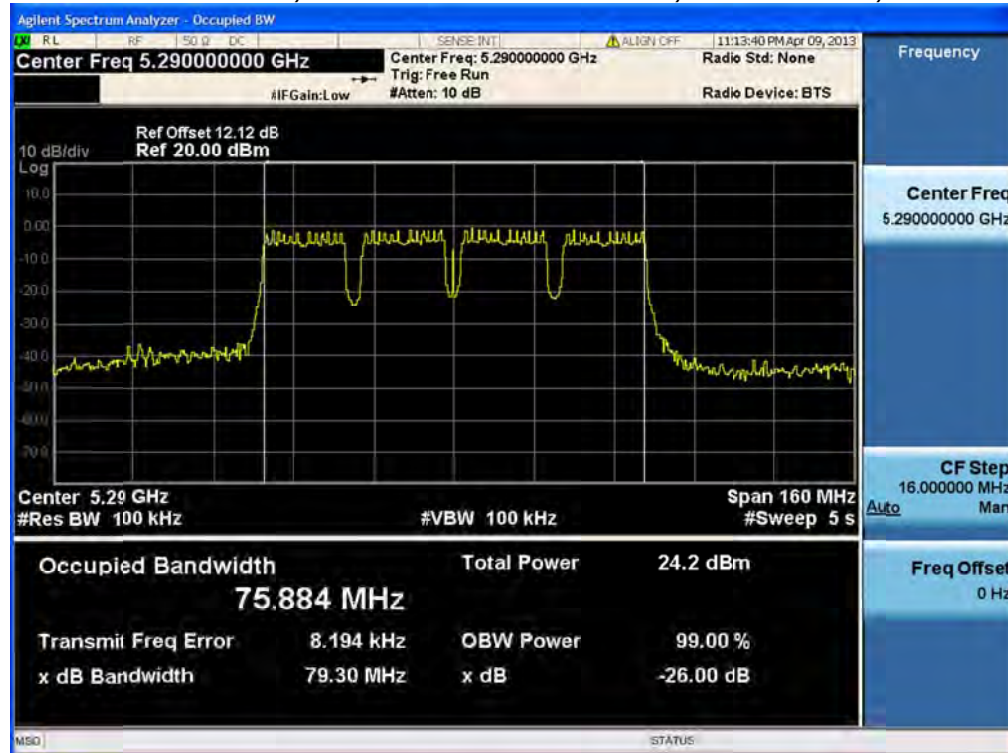
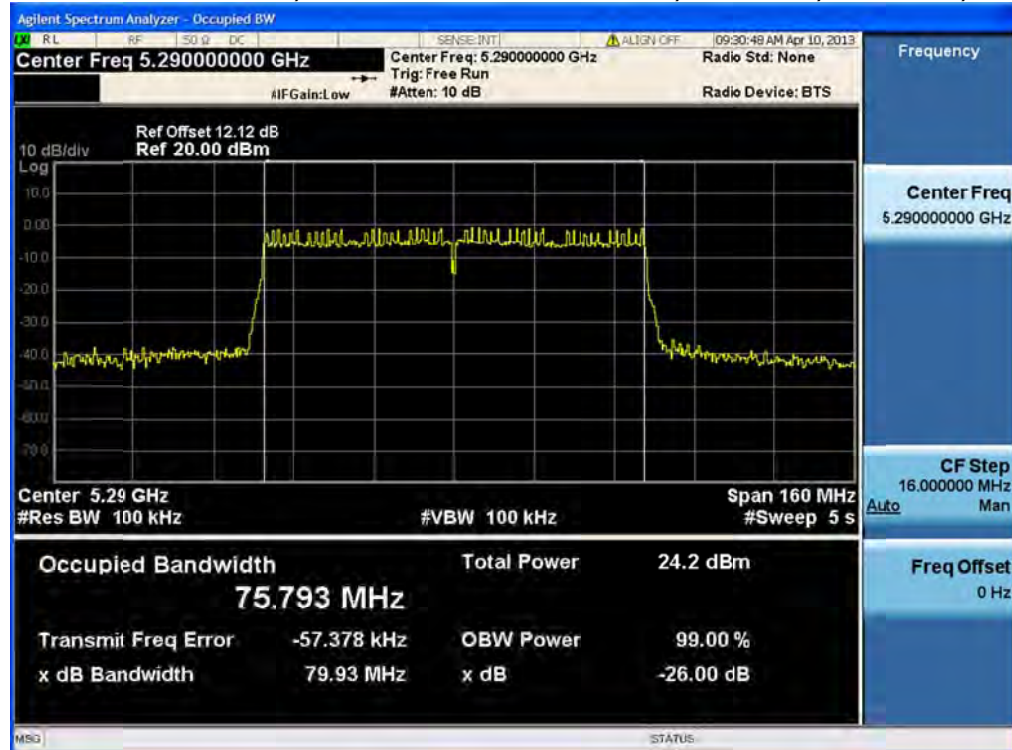
Place the radio in continuous transmit mode. View the transmitter waveform on the spectrum analyzer, and record the pertinent measurements:

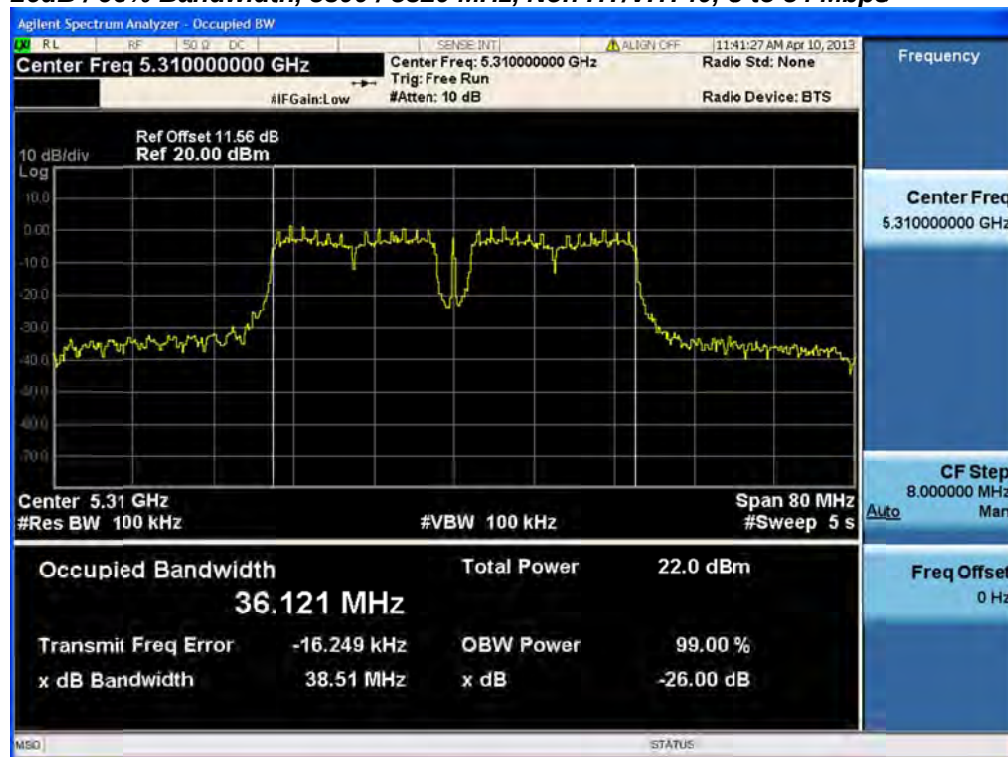
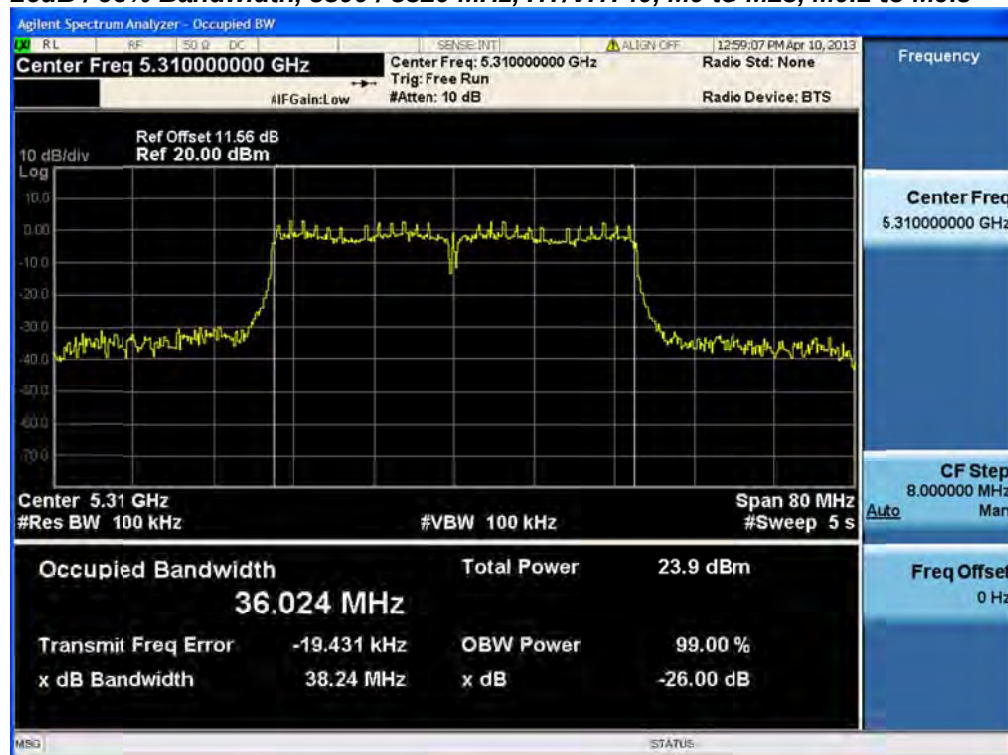


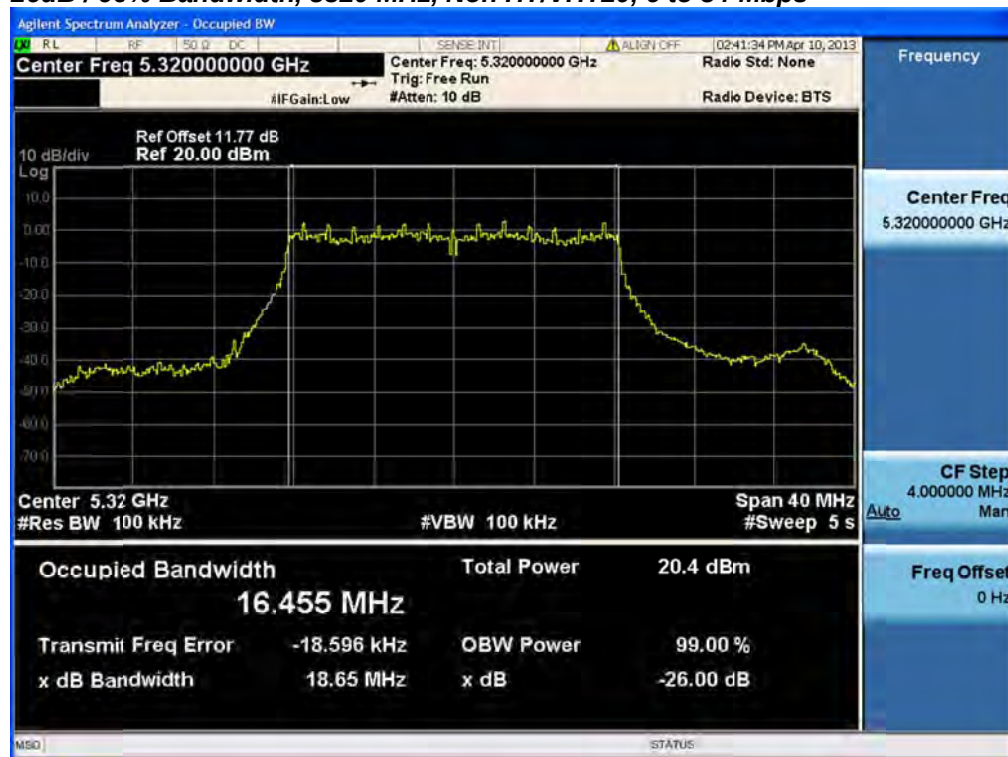
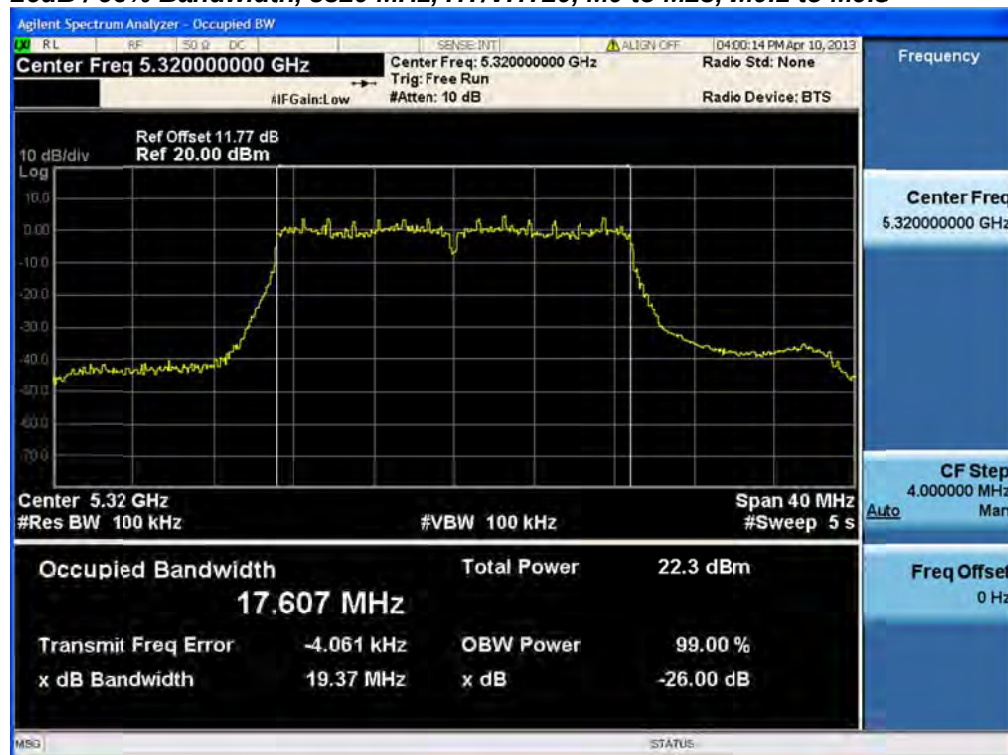
Frequency (MHz)	Mode	Data Rate (Mbps)	26dB BW (MHz)	99% BW (MHz)
5260	Non HT/VHT20, 6 to 54 Mbps	6	<u>18.6</u>	16.5
	HT/VHT20, M0 to M23, M0.1 to M9.3	m0	<u>19.4</u>	17.6
5260/5280	Non HT/VHT40, 6 to 54 Mbps	6	<u>38.4</u>	36.1
	HT/VHT40, M0 to M23, M0.1 to M9.3	m0	<u>38.3</u>	36
5260/5280 5300/5320	Non HT/VHT80, 6 to 54 Mbps	6	<u>79.3</u>	75.9
	HT/VHT80, M0 to M23, M0.1 to M9.3	m0x1	<u>79.9</u>	75.8
5300/5320	Non HT/VHT40, 6 to 54 Mbps	6	<u>38.5</u>	36.1
	HT/VHT40, M0 to M23, M0.1 to M9.3	m0	<u>38.2</u>	36
5320	Non HT/VHT20, 6 to 54 Mbps	6	<u>18.6</u>	16.5
	HT/VHT20, M0 to M23, M0.1 to M9.3	m0	<u>19.4</u>	17.6

26dB / 99% Bandwidth, 5260 MHz, Non HT/VHT20, 6 to 54 Mbps**26dB / 99% Bandwidth, 5260 MHz, HT/VHT20, M0 to M23, M0.1 to M9.3**

26dB / 99% Bandwidth, 5260 / 5280 MHz, Non HT/VHT40, 6 to 54 Mbps**26dB / 99% Bandwidth, 5260 / 5280 MHz, HT/VHT40, M0 to M23, M0.1 to M9.3**

26dB / 99% Bandwidth, 5260 / 5280 / 5300 / 5320 MHz, Non HT/VHT80, 6 to 54 Mbps**26dB / 99% Bandwidth, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M0 to M23, M0.1 to M9.3**

26dB / 99% Bandwidth, 5300 / 5320 MHz, Non HT/VHT40, 6 to 54 Mbps**26dB / 99% Bandwidth, 5300 / 5320 MHz, HT/VHT40, M0 to M23, M0.1 to M9.3**

26dB / 99% Bandwidth, 5320 MHz, Non HT/VHT20, 6 to 54 Mbps**26dB / 99% Bandwidth, 5320 MHz, HT/VHT20, M0 to M23, M0.1 to M9.3**



Peak Output Power

15.407: For the bands 5.25-5.35 and 5.47-5.725 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26-dB emission bandwidth in MHz. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

The smallest 26dB bandwidth for all channels is 18.6 MHz. The maximum conducted output power is calculated as $4\text{dBm} + 10 \cdot \log(18.6\text{MHz}) = 16.7\text{dBm}$

The maximum supported antenna gain for all bands is 13dBi. The peak correlated gain for each mode is listed in the table below. See the Theory of Operation for details on the correlated gain for each mode.

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.

Power Spectral Density

15.407: For the bands 5.25-5.35 and 5.47-5.725 GHz, the peak power spectral density shall not exceed 11 dBm in any 1-MHz band. If transmitting antennas of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

The maximum supported antenna gain is 13dBi. The peak correlated gain for each mode is listed in the table below. See the Theory of Operation for details on the correlated gain for each mode.

The “Measure and add $10 \log(N)$ dB technique”, where N is the number of outputs, is used for measuring in-band Power Spectral Density. With this technique, spectrum measurements are performed at each output of the device, and the quantity $10 \log(4)$ (or 6dB) is added to the worst case spectrum value before comparing to the emission limit.



Connect the antenna port(s) to the spectrum analyzer input. Place the radio in continuous transmit mode. Configure the spectrum analyzer as shown below.

Enable "Channel Power" function of analyzer	
Center Frequency:	Frequency from table below
Span:	20 MHz (must be greater than 26dB bandwidth, adjust as necessary)
Ref Level Offset:	Correct for attenuator and cable loss.
Reference Level:	20 dBm
Attenuation:	20 dB
Sweep Time:	100ms, Single sweep
Resolution Bandwidth:	1 MHz
Video Bandwidth:	3 MHz
Detector:	Sample
Trace:	Trace Average 100 traces in Power Averaging Mode
Integration BW:	=99% BW from 99% Bandwidth Data

After averaging 100 traces of the transmitter waveform on the spectrum analyzer, record the spectrum analyzer Channel Power. Perform a Marker Peak Search function, and record this value as the Power Spectral Density.



Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Max Power (dBm)	Tx 2 Max Power (dBm)	Tx 3 Max Power (dBm)	Tx 4 Max Power (dBm)	Total Tx Channel Power (dBm)	Limit (dBm)	Margin (dB)
5260	Non HT/VHT20, 6 to 54 Mbps	1	13	<u>13.4</u>				13.4	16.72	3.3
	Non HT/VHT20, 6 to 54 Mbps	2	13	<u>7.8</u>	<u>8.6</u>			11.2	16.7	5.5
	Non HT/VHT20, 6 to 54 Mbps	3	13	<u>3.8</u>	<u>4.0</u>	<u>4.4</u>		8.8	16.72	7.9
	Non HT/VHT20, 6 to 54 Mbps	4	13	<u>1.7</u>	<u>2.3</u>	<u>2.3</u>	<u>2.3</u>	8.2	16.7	8.5
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	2	13	<u>7.8</u>	<u>8.6</u>			11.2	16.7	5.5
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	3	16	<u>3.8</u>	<u>4.0</u>	<u>4.4</u>		8.8	13.72	4.9
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	4	16	<u>1.7</u>	<u>2.3</u>	<u>2.3</u>	<u>2.3</u>	8.2	13.7	5.5
	HT/VHT20, M0 to M7, M0.1 to M9.1	1	13	<u>13.4</u>				13.4	16.88	3.5
	HT/VHT20, M0 to M7, M0.1 to M9.1	2	13	<u>7.9</u>	<u>8.4</u>			11.2	16.88	5.7
	HT/VHT20, M8 to M15, M0.2 to M9.2	2	13	<u>10.6</u>	<u>11.3</u>			14.0	16.88	2.9
	HT/VHT20, M0 to M7, M0.1 to M9.1	3	13	<u>4.7</u>	<u>5.2</u>	<u>5.4</u>		9.9	16.88	7.0
	HT/VHT20, M8 to M15, M0.2 to M9.2	3	13	<u>6.8</u>	<u>7.3</u>	<u>7.3</u>		11.9	16.88	5.0
	HT/VHT20, M16 to M23, M0.3 to M9.3	3	13	<u>8.8</u>	<u>9.4</u>	<u>9.1</u>		13.9	16.88	3.0
	HT/VHT20, M0 to M7, M0.1 to M9.1	4	13	<u>1.7</u>	<u>2.1</u>	<u>2.2</u>	<u>2.2</u>	8.1	16.88	8.8
	HT/VHT20, M8 to M15, M0.2 to M9.2	4	13	<u>4.7</u>	<u>5.2</u>	<u>5.4</u>	<u>5.2</u>	11.2	16.88	5.7
	HT/VHT20, M16 to M23, M0.3 to M9.3	4	13	<u>6.8</u>	<u>7.3</u>	<u>7.3</u>	<u>7.2</u>	13.2	16.88	3.7
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	2	13	<u>7.9</u>	<u>8.4</u>			11.2	16.88	5.7
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>10.6</u>	<u>11.3</u>			14.0	16.88	2.9
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	3	16	<u>4.7</u>	<u>5.2</u>	<u>5.4</u>		9.9	13.88	4.0
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	3	13	<u>6.8</u>	<u>7.3</u>	<u>7.3</u>		11.9	16.88	5.0
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>8.8</u>	<u>9.4</u>	<u>9.1</u>		13.9	16.88	3.0
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	4	16	<u>1.7</u>	<u>2.1</u>	<u>2.2</u>	<u>2.2</u>	8.1	13.88	5.8
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	4	13	<u>4.7</u>	<u>5.2</u>	<u>5.4</u>	<u>5.2</u>	11.2	16.88	5.7
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	4	13	<u>6.8</u>	<u>7.3</u>	<u>7.3</u>	<u>7.2</u>	13.2	16.88	3.7
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>10.6</u>	<u>11.3</u>			14.0	16.88	2.9
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	3	13	<u>6.8</u>	<u>7.3</u>	<u>7.3</u>		11.9	16.88	5.0
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	4	13	<u>4.7</u>	<u>5.2</u>	<u>5.4</u>	<u>5.2</u>	11.2	16.88	5.7



5260/5280	Non HT/VHT40, 6 to 54 Mbps	1	13	<u>13.7</u>				13.7	17	3.3
	Non HT/VHT40, 6 to 54 Mbps	2	13	<u>10.9</u>	<u>11.4</u>			14.2	17	2.8
	Non HT/VHT40, 6 to 54 Mbps	3	13	<u>6.9</u>	<u>7.3</u>	<u>7.3</u>		11.9	17	5.1
	Non HT/VHT40, 6 to 54 Mbps	4	13	<u>4.0</u>	<u>4.2</u>	<u>4.5</u>	<u>4.4</u>	10.3	17	6.7
	HT/VHT40, M0 to M7, M0.1 to M9.1	1	13	<u>13.4</u>				13.4	17	3.6
	HT/VHT40, M0 to M7, M0.1 to M9.1	2	13	<u>10.6</u>	<u>11.2</u>			13.9	17	3.1
	HT/VHT40, M8 to M15, M0.2 to M9.2	2	13	<u>10.6</u>	<u>11.2</u>			13.9	17	3.1
	HT/VHT40, M0 to M7, M0.1 to M9.1	3	13	<u>6.8</u>	<u>7.3</u>	<u>7.2</u>		11.9	17	5.1
	HT/VHT40, M8 to M15, M0.2 to M9.2	3	13	<u>8.7</u>	<u>9.4</u>	<u>9.1</u>		13.8	17	3.2
	HT/VHT40, M16 to M23, M0.3 to M9.3	3	13	<u>8.7</u>	<u>9.4</u>	<u>9.1</u>		13.8	17	3.2
	HT/VHT40, M0 to M7, M0.1 to M9.1	4	13	<u>4.5</u>	<u>5.3</u>	<u>5.2</u>	<u>5.1</u>	11.1	17	5.9
	HT/VHT40, M8 to M15, M0.2 to M9.2	4	13	<u>8.1</u>	<u>8.2</u>	<u>8.4</u>	<u>8.3</u>	14.3	17	2.7
	HT/VHT40, M16 to M23, M0.3 to M9.3	4	13	<u>8.1</u>	<u>8.2</u>	<u>8.4</u>	<u>8.3</u>	14.3	17	2.7
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	2	13	<u>10.6</u>	<u>11.2</u>			13.9	17	3.1
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>10.6</u>	<u>11.2</u>			13.9	17	3.1
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	3	16	<u>5.7</u>	<u>6.3</u>	<u>6.2</u>		10.8	14	3.2
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	3	13	<u>8.7</u>	<u>9.4</u>	<u>9.1</u>		13.8	17	3.2
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>8.7</u>	<u>9.4</u>	<u>9.1</u>		13.8	17	3.2
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	4	16	<u>4.5</u>	<u>5.3</u>	<u>5.2</u>	<u>5.1</u>	11.1	14	2.9
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	4	13	<u>8.1</u>	<u>8.2</u>	<u>8.4</u>	<u>8.3</u>	14.3	17	2.7
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	4	13	<u>8.1</u>	<u>8.2</u>	<u>8.4</u>	<u>8.3</u>	14.3	17	2.7
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>10.6</u>	<u>11.2</u>			13.9	17	3.1
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	3	13	<u>8.7</u>	<u>9.4</u>	<u>9.1</u>		13.8	17	3.2
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	4	13	<u>8.1</u>	<u>8.2</u>	<u>8.4</u>	<u>8.3</u>	14.3	17	2.7
5260/5280/5300/5320	Non HT/VHT80, 6 to 54 Mbps	1	13	<u>13.4</u>				13.4	17	3.6
	Non HT/VHT80, 6 to 54 Mbps	2	13	<u>10.5</u>	<u>10.9</u>			13.7	17	3.3
	Non HT/VHT80, 6 to 54 Mbps	3	13	<u>8.9</u>	<u>9.0</u>	<u>8.6</u>		13.6	17	3.4
	Non HT/VHT80, 6 to 54 Mbps	4	13	<u>7.9</u>	<u>8.1</u>	<u>7.6</u>	<u>8.0</u>	13.9	17	3.1
	HT/VHT80, M0 to M7, M0.1 to M9.1	1	13	<u>13.1</u>				13.1	17	3.9
	HT/VHT80, M0 to M7, M0.1 to M9.1	2	13	<u>10.2</u>	<u>10.5</u>			13.4	17	3.6
	HT/VHT80, M8 to M15, M0.2 to M9.2	2	13	<u>10.2</u>	<u>10.5</u>			13.4	17	3.6
	HT/VHT80, M0 to M7, M0.1 to M9.1	3	13	<u>8.5</u>	<u>8.6</u>	<u>8.3</u>		13.2	17	3.8
	HT/VHT80, M8 to M15, M0.2 to M9.2	3	13	<u>8.5</u>	<u>8.6</u>	<u>8.3</u>		13.2	17	3.8
	HT/VHT80, M16 to M23, M0.3 to M9.3	3	13	<u>8.5</u>	<u>8.6</u>	<u>8.3</u>		13.2	17	3.8
	HT/VHT80, M0 to M7, M0.1 to M9.1	4	13	<u>7.7</u>	<u>7.7</u>	<u>7.5</u>	<u>7.7</u>	13.7	17	3.3
	HT/VHT80, M8 to M15, M0.2 to M9.2	4	13	<u>7.7</u>	<u>7.7</u>	<u>7.5</u>	<u>7.7</u>	13.7	17	3.3
	HT/VHT80, M16 to M23, M0.3 to M9.3	4	13	<u>7.7</u>	<u>7.7</u>	<u>7.5</u>	<u>7.7</u>	13.7	17	3.3
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	2	13	<u>10.2</u>	<u>10.5</u>			13.4	17	3.6
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>10.2</u>	<u>10.5</u>			13.4	17	3.6
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	3	16	<u>5.5</u>	<u>5.7</u>	<u>5.5</u>		10.3	14	3.7



	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	3	13	<u>8.5</u>	<u>8.6</u>	<u>8.3</u>		13.2	17	3.8
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>8.5</u>	<u>8.6</u>	<u>8.3</u>		13.2	17	3.8
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	4	16	<u>4.3</u>	<u>4.5</u>	<u>4.6</u>	<u>4.7</u>	10.5	14	3.5
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	4	13	<u>7.7</u>	<u>7.7</u>	<u>7.5</u>	<u>7.7</u>	13.7	17	3.3
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	4	13	<u>7.7</u>	<u>7.7</u>	<u>7.5</u>	<u>7.7</u>	13.7	17	3.3
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>10.2</u>	<u>10.5</u>			13.4	17	3.6
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	3	13	<u>8.5</u>	<u>8.6</u>	<u>8.3</u>		13.2	17	3.8
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	4	13	<u>7.7</u>	<u>7.7</u>	<u>7.5</u>	<u>7.7</u>	13.7	17	3.3
5300/5320	Non HT/VHT40, 6 to 54 Mbps	1	13	<u>12.8</u>				12.8	17	4.2
	Non HT/VHT40, 6 to 54 Mbps	2	13	<u>9.7</u>	<u>10.2</u>			13.0	17	4.0
	Non HT/VHT40, 6 to 54 Mbps	3	13	<u>7.2</u>	<u>7.2</u>	<u>6.4</u>		11.7	17	5.3
	Non HT/VHT40, 6 to 54 Mbps	4	13	<u>5.1</u>	<u>5.0</u>	<u>4.5</u>	<u>5.2</u>	11.0	17	6.0
	HT/VHT40, M0 to M7, M0.1 to M9.1	1	13	<u>12.5</u>				12.5	17	4.5
	HT/VHT40, M0 to M7, M0.1 to M9.1	2	13	<u>9.7</u>	<u>9.8</u>			12.8	17	4.2
	HT/VHT40, M8 to M15, M0.2 to M9.2	2	13	<u>9.7</u>	<u>9.8</u>			12.8	17	4.2
	HT/VHT40, M0 to M7, M0.1 to M9.1	3	13	<u>7.9</u>	<u>8.0</u>	<u>7.4</u>		12.5	17	4.5
	HT/VHT40, M8 to M15, M0.2 to M9.2	3	13	<u>7.9</u>	<u>8.0</u>	<u>7.4</u>		12.5	17	4.5
	HT/VHT40, M16 to M23, M0.3 to M9.3	3	13	<u>7.9</u>	<u>8.0</u>	<u>7.4</u>		12.5	17	4.5
	HT/VHT40, M0 to M7, M0.1 to M9.1	4	13	<u>4.9</u>	<u>5.0</u>	<u>4.5</u>	<u>5.2</u>	10.9	17	6.1
	HT/VHT40, M8 to M15, M0.2 to M9.2	4	13	<u>7.0</u>	<u>7.3</u>	<u>6.4</u>	<u>7.0</u>	13.0	17	4.0
	HT/VHT40, M16 to M23, M0.3 to M9.3	4	13	<u>7.0</u>	<u>7.3</u>	<u>6.4</u>	<u>7.0</u>	13.0	17	4.0
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	2	13	<u>9.7</u>	<u>9.8</u>			12.8	17	4.2
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>9.7</u>	<u>9.8</u>			12.8	17	4.2
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	3	16	<u>4.9</u>	<u>5.0</u>	<u>4.5</u>		9.6	14	4.4
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	3	13	<u>7.9</u>	<u>8.0</u>	<u>7.4</u>		12.5	17	4.5
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>7.9</u>	<u>8.0</u>	<u>7.4</u>		12.5	17	4.5
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	4	16	<u>3.9</u>	<u>3.8</u>	<u>3.7</u>	<u>4.0</u>	9.9	14	4.1
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	4	13	<u>7.0</u>	<u>7.3</u>	<u>6.4</u>	<u>7.0</u>	13.0	17	4.0
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	4	13	<u>7.0</u>	<u>7.3</u>	<u>6.4</u>	<u>7.0</u>	13.0	17	4.0
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>9.7</u>	<u>9.8</u>			12.8	17	4.2
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	3	13	<u>7.9</u>	<u>8.0</u>	<u>7.4</u>		12.5	17	4.5
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	4	13	<u>7.0</u>	<u>7.3</u>	<u>6.4</u>	<u>7.0</u>	13.0	17	4.0



5320	Non HT/VHT20, 6 to 54 Mbps	1	13	<u>12.4</u>				12.4	16.72	4.3
	Non HT/VHT20, 6 to 54 Mbps	2	13	<u>7.8</u>	<u>7.6</u>			10.7	16.7	6.0
	Non HT/VHT20, 6 to 54 Mbps	3	13	<u>4.9</u>	<u>4.8</u>	<u>4.4</u>		9.5	16.7	7.2
	Non HT/VHT20, 6 to 54 Mbps	4	13	<u>1.9</u>	<u>1.5</u>	<u>1.5</u>	<u>1.9</u>	7.7	16.72	9.0
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	2	13	<u>7.8</u>	<u>7.6</u>			10.7	16.7	6.0
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	3	16	<u>4.9</u>	<u>4.8</u>	<u>4.4</u>		9.5	13.7	4.2
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	4	16	<u>1.9</u>	<u>1.5</u>	<u>1.5</u>	<u>1.9</u>	7.7	13.72	6.0
	HT/VHT20, M0 to M7, M0.1 to M9.1	1	13	<u>12.3</u>				12.3	16.88	4.6
	HT/VHT20, M0 to M7, M0.1 to M9.1	2	13	<u>7.7</u>	<u>7.5</u>			10.6	16.88	6.3
	HT/VHT20, M8 to M15, M0.2 to M9.2	2	13	<u>9.4</u>	<u>9.5</u>			12.5	16.88	4.4
	HT/VHT20, M0 to M7, M0.1 to M9.1	3	13	<u>4.6</u>	<u>4.4</u>	<u>3.9</u>		9.1	16.83	7.7
	HT/VHT20, M8 to M15, M0.2 to M9.2	3	13	<u>7.7</u>	<u>7.5</u>	<u>6.9</u>		12.2	16.83	4.7
	HT/VHT20, M16 to M23, M0.3 to M9.3	3	13	<u>7.7</u>	<u>7.5</u>	<u>6.9</u>		12.2	16.83	4.7
	HT/VHT20, M0 to M7, M0.1 to M9.1	4	13	<u>1.6</u>	<u>1.3</u>	<u>1.3</u>	<u>1.8</u>	7.5	16.88	9.4
	HT/VHT20, M8 to M15, M0.2 to M9.2	4	13	<u>4.6</u>	<u>4.4</u>	<u>3.9</u>	<u>4.7</u>	10.4	16.88	6.4
	HT/VHT20, M16 to M23, M0.3 to M9.3	4	13	<u>6.8</u>	<u>6.6</u>	<u>5.9</u>	<u>6.9</u>	12.6	16.88	4.3
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	2	13	<u>7.7</u>	<u>7.5</u>			10.6	16.88	6.3
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>9.4</u>	<u>9.5</u>			12.5	16.88	4.4
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	3	16	<u>4.6</u>	<u>4.4</u>	<u>3.9</u>		9.1	13.83	4.7
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	3	13	<u>7.7</u>	<u>7.5</u>	<u>6.9</u>		12.2	16.83	4.7
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>7.7</u>	<u>7.5</u>	<u>6.9</u>		12.2	16.83	4.7
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	4	16	<u>1.6</u>	<u>1.3</u>	<u>1.3</u>	<u>1.8</u>	7.5	13.88	6.4
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	4	13	<u>4.6</u>	<u>4.4</u>	<u>3.9</u>	<u>4.7</u>	10.4	16.88	6.4
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	4	13	<u>6.8</u>	<u>6.6</u>	<u>5.9</u>	<u>6.9</u>	12.6	16.88	4.3
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>9.4</u>	<u>9.5</u>			12.5	16.88	4.4
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	3	13	<u>7.7</u>	<u>7.5</u>	<u>6.9</u>		12.2	16.83	4.7
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	4	13	<u>4.6</u>	<u>4.4</u>	<u>3.9</u>	<u>4.7</u>	10.4	16.88	6.4



Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/MHz)	Tx 2 PSD (dBm/MHz)	Tx 3 PSD (dBm/MHz)	Tx 4 PSD (dBm/MHz)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
5260	Non HT/VHT20, 6 to 54 Mbps	1	13	<u>2.9</u>				2.9	4.0	1.1
	Non HT/VHT20, 6 to 54 Mbps	2	16	<u>-2.6</u>	<u>-2.0</u>			0.7	1.0	0.3
	Non HT/VHT20, 6 to 54 Mbps	3	18	<u>-6.4</u>	<u>-6.2</u>	<u>-6.2</u>		-1.5	-0.8	0.7
	Non HT/VHT20, 6 to 54 Mbps	4	19	<u>-8.6</u>	<u>-7.8</u>	<u>-8.0</u>	<u>-8.1</u>	-2.1	-2.0	0.1
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	2	16	<u>-2.6</u>	<u>-2.0</u>			0.7	1.0	0.3
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	3	18	<u>-6.4</u>	<u>-6.2</u>	<u>-6.2</u>		-1.5	-0.8	0.7
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	4	19	<u>-8.6</u>	<u>-7.8</u>	<u>-8.0</u>	<u>-8.1</u>	-2.1	-2.0	0.1
	HT/VHT20, M0 to M7, M0.1 to M9.1	1	13	<u>2.8</u>				2.8	4.0	1.2
	HT/VHT20, M0 to M7, M0.1 to M9.1	2	16	<u>-3.0</u>	<u>-2.0</u>			0.5	1.0	0.5
	HT/VHT20, M8 to M15, M0.2 to M9.2	2	13	<u>0.1</u>	<u>0.8</u>			3.5	4.0	0.5
	HT/VHT20, M0 to M7, M0.1 to M9.1	3	18	<u>-6.1</u>	<u>-5.5</u>	<u>-5.3</u>		-0.8	-0.8	0.1
	HT/VHT20, M8 to M15, M0.2 to M9.2	3	15	<u>-3.9</u>	<u>-3.6</u>	<u>-3.3</u>		1.2	2.2	1.1
	HT/VHT20, M16 to M23, M0.3 to M9.3	3	13	<u>-2.0</u>	<u>-1.1</u>	<u>-1.3</u>		3.3	4.0	0.7
	HT/VHT20, M0 to M7, M0.1 to M9.1	4	19	<u>-8.9</u>	<u>-8.4</u>	<u>-8.3</u>	<u>-8.7</u>	-2.5	-2.0	0.5
	HT/VHT20, M8 to M15, M0.2 to M9.2	4	16	<u>-6.1</u>	<u>-5.5</u>	<u>-5.3</u>	<u>-5.7</u>	0.4	1.0	0.6
	HT/VHT20, M16 to M23, M0.3 to M9.3	4	14	<u>-3.9</u>	<u>-3.6</u>	<u>-3.3</u>	<u>-3.5</u>	2.5	2.8	0.3
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	2	16	<u>-3.0</u>	<u>-2.0</u>			0.5	1.0	0.5
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>0.1</u>	<u>0.8</u>			3.5	4.0	0.5
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	3	18	<u>-6.1</u>	<u>-5.5</u>	<u>-5.3</u>		-0.8	-0.8	0.1
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	3	15	<u>-3.9</u>	<u>-3.6</u>	<u>-3.3</u>		1.2	2.2	1.1
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>-2.0</u>	<u>-1.1</u>	<u>-1.3</u>		3.3	4.0	0.7
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	4	19	<u>-8.9</u>	<u>-8.4</u>	<u>-8.3</u>	<u>-8.7</u>	-2.5	-2.0	0.5
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	4	16	<u>-6.1</u>	<u>-5.5</u>	<u>-5.3</u>	<u>-5.7</u>	0.4	1.0	0.6
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	4	14	<u>-3.9</u>	<u>-3.6</u>	<u>-3.3</u>	<u>-3.5</u>	2.5	2.8	0.3
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>0.1</u>	<u>0.8</u>			3.5	4.0	0.5
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	3	15	<u>-3.9</u>	<u>-3.6</u>	<u>-3.3</u>		1.2	2.2	1.1
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	4	16	<u>-6.1</u>	<u>-5.5</u>	<u>-5.3</u>	<u>-5.7</u>	0.4	1.0	0.6



5260/5280	Non HT/VHT40, 6 to 54 Mbps	1	13	<u>0.3</u>				0.3	4.0	3.7
	Non HT/VHT40, 6 to 54 Mbps	2	16	<u>-2.5</u>	<u>-2.0</u>			0.8	1.0	0.2
	Non HT/VHT40, 6 to 54 Mbps	3	18	<u>-6.2</u>	<u>-6.3</u>	<u>-6.1</u>		-1.4	-0.8	0.7
	Non HT/VHT40, 6 to 54 Mbps	4	19	<u>-9.4</u>	<u>-9.3</u>	<u>-8.7</u>	<u>-8.5</u>	-2.9	-2.0	0.9
	HT/VHT40, M0 to M7, M0.1 to M9.1	1	13	<u>-0.3</u>				-0.3	4.0	4.3
	HT/VHT40, M0 to M7, M0.1 to M9.1	2	16	<u>-2.9</u>	<u>-2.7</u>			0.2	1.0	0.8
	HT/VHT40, M8 to M15, M0.2 to M9.2	2	13	<u>-2.9</u>	<u>-2.7</u>			0.2	4.0	3.8
	HT/VHT40, M0 to M7, M0.1 to M9.1	3	18	<u>-6.7</u>	<u>-6.2</u>	<u>-6.4</u>		-1.7	-0.8	0.9
	HT/VHT40, M8 to M15, M0.2 to M9.2	3	15	<u>-4.9</u>	<u>-4.4</u>	<u>-4.7</u>		0.1	2.2	2.1
	HT/VHT40, M16 to M23, M0.3 to M9.3	3	13	<u>-4.9</u>	<u>-4.4</u>	<u>-4.7</u>		0.1	4.0	3.9
	HT/VHT40, M0 to M7, M0.1 to M9.1	4	19	<u>-9.1</u>	<u>-8.1</u>	<u>-8.0</u>	<u>-8.5</u>	-2.4	-2.0	0.4
	HT/VHT40, M8 to M15, M0.2 to M9.2	4	16	<u>-5.6</u>	<u>-5.7</u>	<u>-5.3</u>	<u>-5.2</u>	0.6	1.0	0.4
	HT/VHT40, M16 to M23, M0.3 to M9.3	4	14	<u>-5.6</u>	<u>-5.7</u>	<u>-5.3</u>	<u>-5.2</u>	0.6	2.8	2.2
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	2	16	<u>-2.9</u>	<u>-2.7</u>			0.2	1.0	0.8
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>-2.9</u>	<u>-2.7</u>			0.2	4.0	3.8
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	3	18	<u>-8.0</u>	<u>-7.7</u>	<u>-7.2</u>		-2.8	-0.8	2.1
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	3	15	<u>-4.9</u>	<u>-4.4</u>	<u>-4.7</u>		0.1	2.2	2.1
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>-4.9</u>	<u>-4.4</u>	<u>-4.7</u>		0.1	4.0	3.9
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	4	19	<u>-9.1</u>	<u>-8.1</u>	<u>-8.0</u>	<u>-8.5</u>	-2.4	-2.0	0.4
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	4	16	<u>-5.6</u>	<u>-5.7</u>	<u>-5.3</u>	<u>-5.2</u>	0.6	1.0	0.4
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	4	14	<u>-5.6</u>	<u>-5.7</u>	<u>-5.3</u>	<u>-5.2</u>	0.6	2.8	2.2
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>-2.9</u>	<u>-2.7</u>			0.2	4.0	3.8
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	3	15	<u>-4.9</u>	<u>-4.4</u>	<u>-4.7</u>		0.1	2.2	2.1
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	4	16	<u>-5.6</u>	<u>-5.7</u>	<u>-5.3</u>	<u>-5.2</u>	0.6	1.0	0.4
5260/5280/5300/5320	Non HT/VHT80, 6 to 54 Mbps	1	13	<u>-3.2</u>				-3.2	4.0	7.2
	Non HT/VHT80, 6 to 54 Mbps	2	16	<u>-6.3</u>	<u>-5.7</u>			-3.0	1.0	4.0
	Non HT/VHT80, 6 to 54 Mbps	3	18	<u>-7.6</u>	<u>-7.6</u>	<u>-7.9</u>		-2.9	-0.8	2.2
	Non HT/VHT80, 6 to 54 Mbps	4	19	<u>-8.7</u>	<u>-7.5</u>	<u>-8.8</u>	<u>-8.8</u>	-2.4	-2.0	0.4
	HT/VHT80, M0 to M7, M0.1 to M9.1	1	13	<u>-4.0</u>				-4.0	4.0	8.0
	HT/VHT80, M0 to M7, M0.1 to M9.1	2	16	<u>-6.9</u>	<u>-6.7</u>			-3.8	1.0	4.8
	HT/VHT80, M8 to M15, M0.2 to M9.2	2	13	<u>-6.9</u>	<u>-6.7</u>			-3.8	4.0	7.8
	HT/VHT80, M0 to M7, M0.1 to M9.1	3	18	<u>-8.2</u>	<u>-8.2</u>	<u>-8.5</u>		-3.5	-0.8	2.8
	HT/VHT80, M8 to M15, M0.2 to M9.2	3	15	<u>-8.2</u>	<u>-8.2</u>	<u>-8.5</u>		-3.5	2.2	5.8
	HT/VHT80, M16 to M23, M0.3 to M9.3	3	13	<u>-8.2</u>	<u>-8.2</u>	<u>-8.5</u>		-3.5	4.0	7.5
	HT/VHT80, M0 to M7, M0.1 to M9.1	4	19	<u>-9.1</u>	<u>-9.5</u>	<u>-9.1</u>	<u>-9.5</u>	-3.3	-2.0	1.3
	HT/VHT80, M8 to M15, M0.2 to M9.2	4	16	<u>-9.1</u>	<u>-9.5</u>	<u>-9.1</u>	<u>-9.5</u>	-3.3	1.0	4.3
	HT/VHT80, M16 to M23, M0.3 to M9.3	4	14	<u>-9.1</u>	<u>-9.5</u>	<u>-9.1</u>	<u>-9.5</u>	-3.3	2.8	6.0
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	2	16	<u>-6.9</u>	<u>-6.7</u>			-3.8	1.0	4.8
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>-6.9</u>	<u>-6.7</u>			-3.8	4.0	7.8

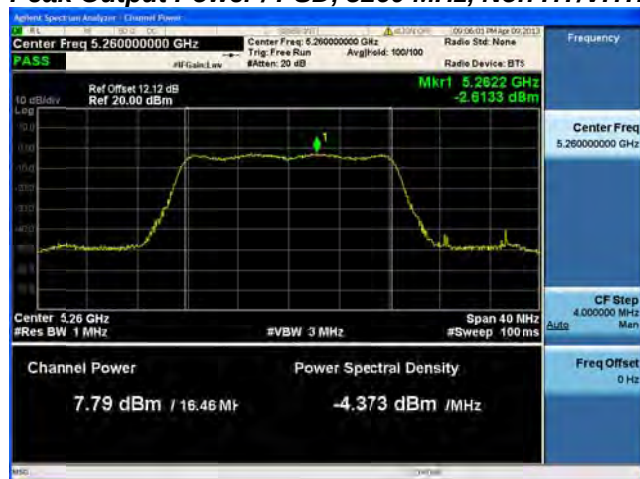


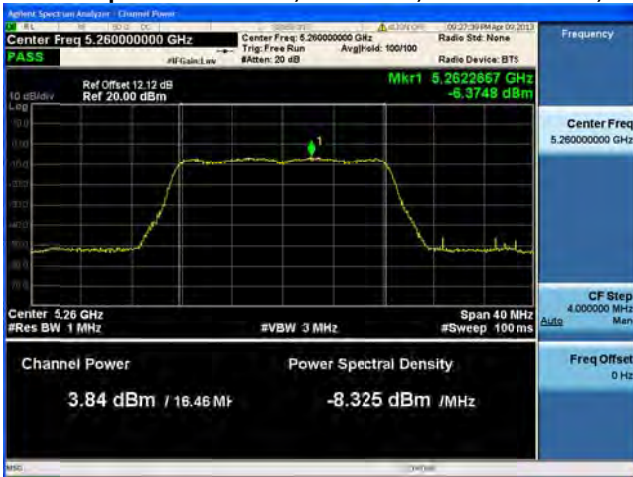
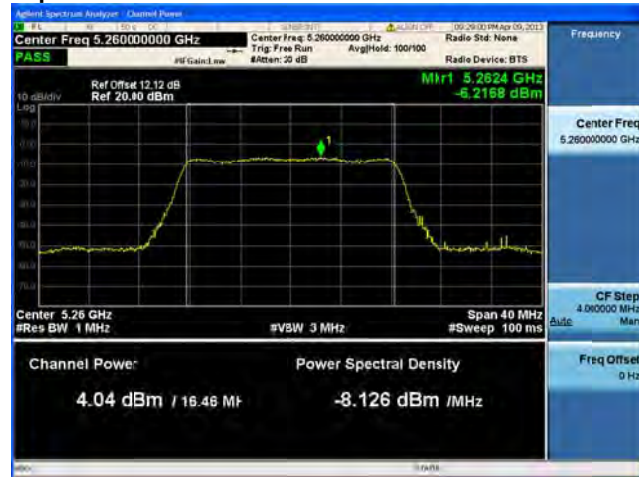
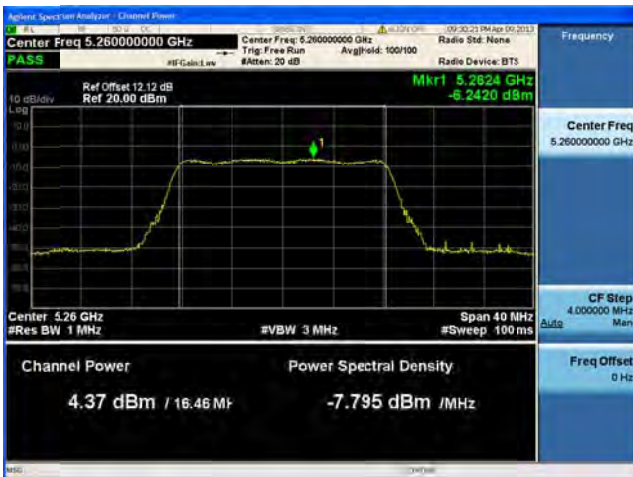
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	3	18	<u>-11.</u> <u>6</u>	<u>-11.</u> <u>4</u>	<u>-11.</u> <u>5</u>		-6.7	-0.8	6.0
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	3	15	<u>-8.2</u>	<u>-8.2</u>	<u>-8.5</u>		-3.5	2.2	5.8
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>-8.2</u>	<u>-8.2</u>	<u>-8.5</u>		-3.5	4.0	7.5
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	4	19	<u>-12.</u> <u>9</u>	<u>-12.</u> <u>9</u>	<u>-12.</u> <u>3</u>	<u>-12.</u> <u>6</u>	-6.6	-2.0	4.6
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	4	16	<u>-9.1</u>	<u>-9.5</u>	<u>-9.1</u>	<u>-9.5</u>	-3.3	1.0	4.3
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	4	14	<u>-9.1</u>	<u>-9.5</u>	<u>-9.1</u>	<u>-9.5</u>	-3.3	2.8	6.0
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>-6.9</u>	<u>-6.7</u>			-3.8	4.0	7.8
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	3	15	<u>-8.2</u>	<u>-8.2</u>	<u>-8.5</u>		-3.5	2.2	5.8
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	4	16	<u>-9.1</u>	<u>-9.5</u>	<u>-9.1</u>	<u>-9.5</u>	-3.3	1.0	4.3
5300/5320	Non HT/VHT40, 6 to 54 Mbps	1	13	<u>-0.5</u>				-0.5	4.0	4.5
	Non HT/VHT40, 6 to 54 Mbps	2	16	<u>-3.4</u>	<u>-3.1</u>			-0.2	1.0	1.2
	Non HT/VHT40, 6 to 54 Mbps	3	18	<u>-6.2</u>	<u>-6.1</u>	<u>-6.7</u>		-1.6	-0.8	0.8
	Non HT/VHT40, 6 to 54 Mbps	4	19	<u>-8.4</u>	<u>-8.1</u>	<u>-8.3</u>	<u>-8.2</u>	-2.2	-2.0	0.2
	HT/VHT40, M0 to M7, M0.1 to M9.1	1	13	<u>-1.0</u>				-1.0	4.0	5.0
	HT/VHT40, M0 to M7, M0.1 to M9.1	2	16	<u>-4.2</u>	<u>-4.0</u>			-1.1	1.0	2.1
	HT/VHT40, M8 to M15, M0.2 to M9.2	2	13	<u>-4.2</u>	<u>-4.0</u>			-1.1	4.0	5.1
	HT/VHT40, M0 to M7, M0.1 to M9.1	3	18	<u>-5.7</u>	<u>-5.8</u>	<u>-6.1</u>		-1.1	-0.8	0.3
	HT/VHT40, M8 to M15, M0.2 to M9.2	3	15	<u>-5.7</u>	<u>-5.8</u>	<u>-6.1</u>		-1.1	2.2	3.3
	HT/VHT40, M16 to M23, M0.3 to M9.3	3	13	<u>-5.7</u>	<u>-5.8</u>	<u>-6.1</u>		-1.1	4.0	5.1
	HT/VHT40, M0 to M7, M0.1 to M9.1	4	19	<u>-9.1</u>	<u>-8.7</u>	<u>-8.7</u>	<u>-8.6</u>	-2.8	-2.0	0.7
	HT/VHT40, M8 to M15, M0.2 to M9.2	4	16	<u>-6.7</u>	<u>-6.0</u>	<u>-6.4</u>	<u>-6.6</u>	-0.4	1.0	1.4
	HT/VHT40, M16 to M23, M0.3 to M9.3	4	14	<u>-6.7</u>	<u>-6.0</u>	<u>-6.4</u>	<u>-6.6</u>	-0.4	2.8	3.1
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	2	16	<u>-4.2</u>	<u>-4.0</u>			-1.1	1.0	2.1
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>-4.2</u>	<u>-4.0</u>			-1.1	4.0	5.1
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	3	18	<u>-9.1</u>	<u>-8.7</u>	<u>-8.7</u>		-4.1	-0.8	3.3
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	3	15	<u>-5.7</u>	<u>-5.8</u>	<u>-6.1</u>		-1.1	2.2	3.3
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>-5.7</u>	<u>-5.8</u>	<u>-6.1</u>		-1.1	4.0	5.1
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	4	19	<u>-9.3</u>	<u>-10.</u> <u>1</u>	<u>-9.4</u>	<u>-9.8</u>	-3.6	-2.0	1.6
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	4	16	<u>-6.7</u>	<u>-6.0</u>	<u>-6.4</u>	<u>-6.6</u>	-0.4	1.0	1.4
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	4	14	<u>-6.7</u>	<u>-6.0</u>	<u>-6.4</u>	<u>-6.6</u>	-0.4	2.8	3.1
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>-4.2</u>	<u>-4.0</u>			-1.1	4.0	5.1
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	3	15	<u>-5.7</u>	<u>-5.8</u>	<u>-6.1</u>		-1.1	2.2	3.3
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	4	16	<u>-6.7</u>	<u>-6.0</u>	<u>-6.4</u>	<u>-6.6</u>	-0.4	1.0	1.4

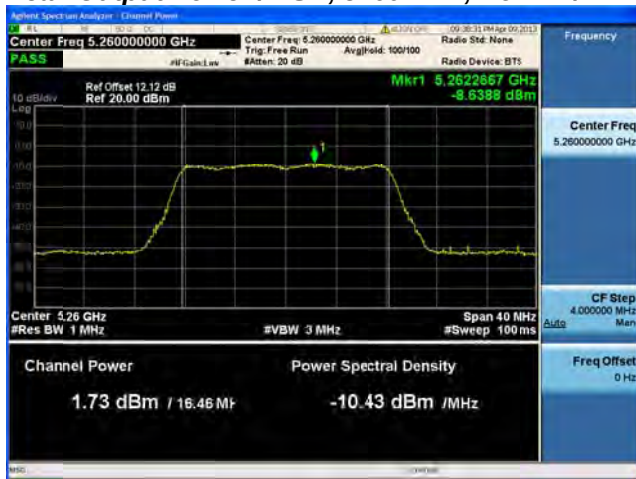
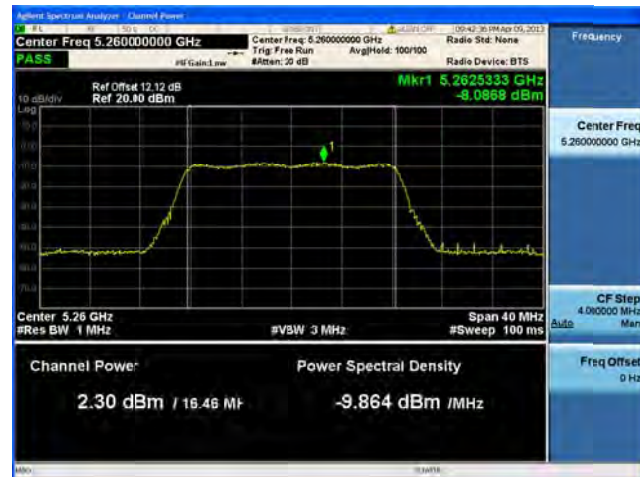


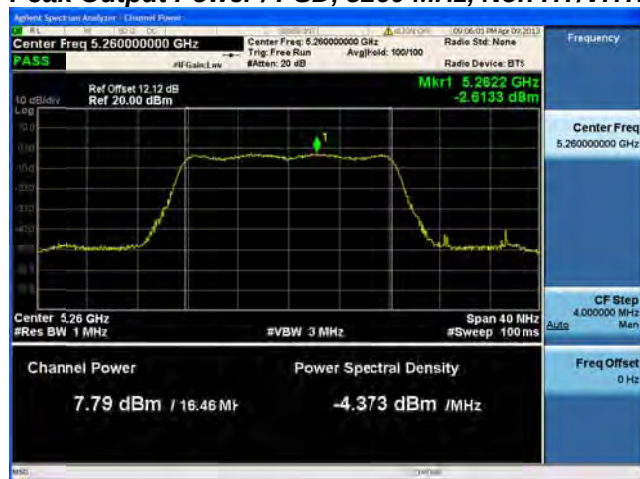
5320	Non HT/VHT20, 6 to 54 Mbps	1	13	<u>1.9</u>				1.9	4.0	2.1
	Non HT/VHT20, 6 to 54 Mbps	2	16	<u>-2.5</u>	<u>-2.7</u>			0.4	1.0	0.6
	Non HT/VHT20, 6 to 54 Mbps	3	18	<u>-5.5</u>	<u>-5.7</u>	<u>-5.8</u>		-0.9	-0.8	0.1
	Non HT/VHT20, 6 to 54 Mbps	4	19	<u>-8.5</u>	<u>-8.8</u>	<u>-8.7</u>	<u>-8.6</u>	-2.6	-2.0	0.6
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	2	16	<u>-2.5</u>	<u>-2.7</u>			0.4	1.0	0.6
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	3	18	<u>-5.5</u>	<u>-5.7</u>	<u>-5.8</u>		-0.9	-0.8	0.1
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	4	19	<u>-8.5</u>	<u>-8.8</u>	<u>-8.7</u>	<u>-8.6</u>	-2.6	-2.0	0.6
	HT/VHT20, M0 to M7, M0.1 to M9.1	1	13	<u>2.3</u>				2.3	4.0	1.7
	HT/VHT20, M0 to M7, M0.1 to M9.1	2	16	<u>-2.3</u>	<u>-2.8</u>			0.5	1.0	0.5
	HT/VHT20, M8 to M15, M0.2 to M9.2	2	13	<u>-1.0</u>	<u>-0.9</u>			2.1	4.0	1.9
	HT/VHT20, M0 to M7, M0.1 to M9.1	3	18	<u>-5.7</u>	<u>-5.7</u>	<u>-6.3</u>		-1.1	-0.8	0.3
	HT/VHT20, M8 to M15, M0.2 to M9.2	3	15	<u>-2.3</u>	<u>-2.8</u>	<u>-3.3</u>		2.0	2.2	0.2
	HT/VHT20, M16 to M23, M0.3 to M9.3	3	13	<u>-2.3</u>	<u>-2.8</u>	<u>-3.3</u>		2.0	4.0	2.0
	HT/VHT20, M0 to M7, M0.1 to M9.1	4	19	<u>-8.8</u>	<u>-9.3</u>	<u>-8.5</u>	<u>-8.7</u>	-2.8	-2.0	0.8
	HT/VHT20, M8 to M15, M0.2 to M9.2	4	16	<u>-5.7</u>	<u>-5.7</u>	<u>-6.3</u>	<u>-5.9</u>	0.1	1.0	0.9
	HT/VHT20, M16 to M23, M0.3 to M9.3	4	14	<u>-3.3</u>	<u>-3.9</u>	<u>-4.2</u>	<u>-3.5</u>	2.3	2.8	0.4
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	2	16	<u>-2.3</u>	<u>-2.8</u>			0.5	1.0	0.5
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>-1.0</u>	<u>-0.9</u>			2.1	4.0	1.9
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	3	18	<u>-5.7</u>	<u>-5.7</u>	<u>-6.3</u>		-1.1	-0.8	0.3
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	3	15	<u>-2.3</u>	<u>-2.8</u>	<u>-3.3</u>		2.0	2.2	0.2
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>-2.3</u>	<u>-2.8</u>	<u>-3.3</u>		2.0	4.0	2.0
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	4	19	<u>-8.8</u>	<u>-9.3</u>	<u>-8.5</u>	<u>-8.7</u>	-2.8	-2.0	0.8
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	4	16	<u>-5.7</u>	<u>-5.7</u>	<u>-6.3</u>	<u>-5.9</u>	0.1	1.0	0.9
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	4	14	<u>-3.3</u>	<u>-3.9</u>	<u>-4.2</u>	<u>-3.5</u>	2.3	2.8	0.4
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>-1.0</u>	<u>-0.9</u>			2.1	4.0	1.9
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	3	15	<u>-2.3</u>	<u>-2.8</u>	<u>-3.3</u>		2.0	2.2	0.2
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	4	16	<u>-5.7</u>	<u>-5.7</u>	<u>-6.3</u>	<u>-5.9</u>	0.1	1.0	0.9

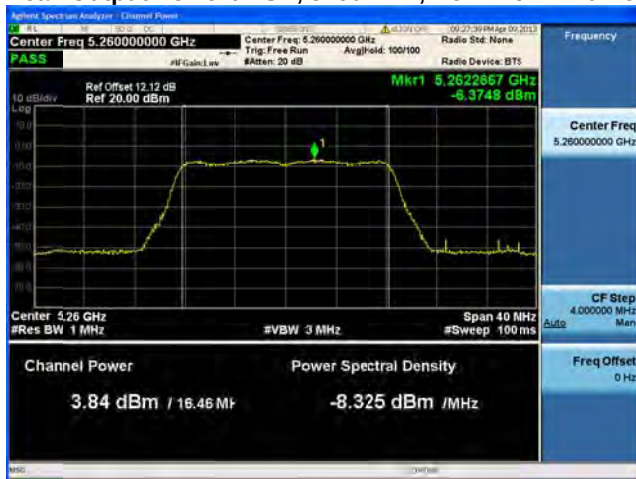
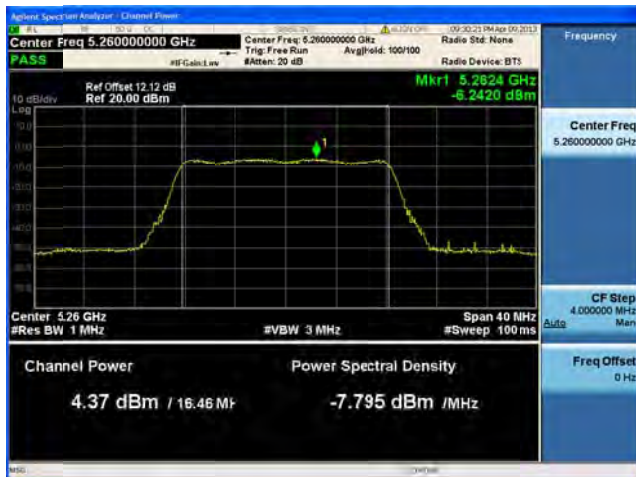
**Peak Output Power / PSD, 5260 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A**

Peak Output Power / PSD, 5260 MHz, Non HT/VHT20, 6 to 54 Mbps**Antenna A****Antenna B**

**Peak Output Power / PSD, 5260 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5260 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5260 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps**Antenna A****Antenna B**

**Peak Output Power / PSD, 5260 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**

Ref Offset 12.12 dB
Ref 20.00 dBm

Center Freq 5.260000000 GHz
Span 40 MHz
Res BW 1 MHz
Sweep 100 ms

Channel Power
1.73 dBm / 16.46 MHz

Power Spectral Density
-10.43 dBm / MHz

Frequency
5.25 5.26 5.27 GHz

Center Freq
5.260000000 GHz

CF Step
4.000000 MHz

Freq Offset
0 Hz

[illegible]

Vector Signal Analyzer - Channel Editor

Center Freq 5.260000000 GHz

PASS

dBm/Hz

Ref Offset 12.12 dB
Ref 20.00 dBm

Center Freq: 5.260000000 GHz
Trig: Free Run
Avaltoid: 100/100
Radio Sts: None
Radio Device: BT3

Frequency

Center Freq
5.260000000 GHz

CF Step
4.000000 MHz

Auto

Freq Offset
0 Hz

Channel Power

Power Spectral Density

2.28 dBm / 16.46 MHz

-9.888 dBm / MHz

Center 5.26 GHz
#Res BW 1 MHz

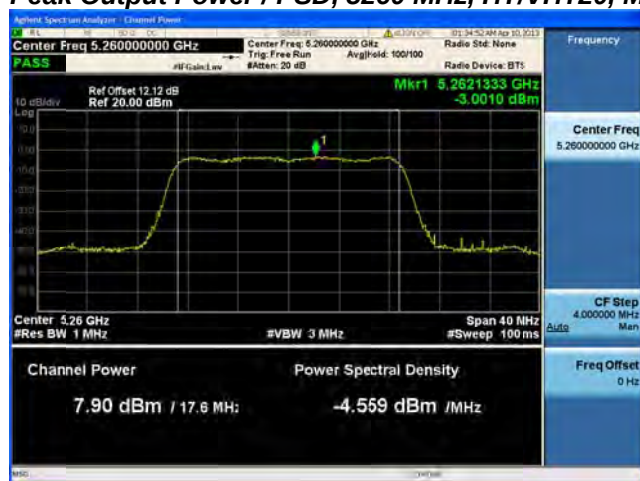
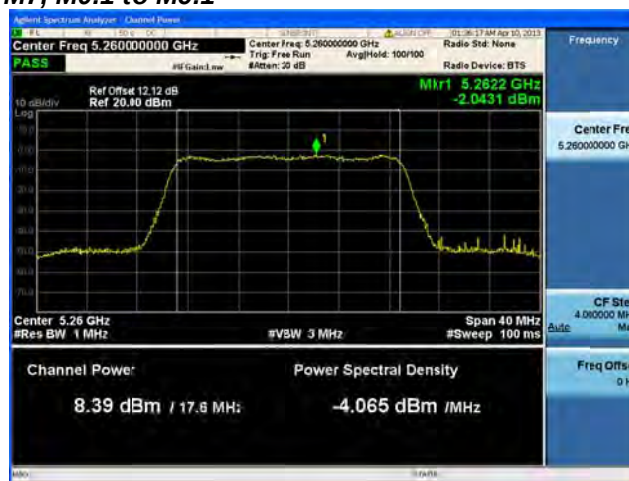
#VBW 3 MHz

Span 40 MHz
#Sweep 100 ms

Center Freq 5.260000000 GHz
 Span 40 MHz
 Ref Offset 12.12 dB
 Ref 20.90 dBm
 Mkr1 5.2625333 GHz
 -9.0869 dBm
 Center Freq 5.260000000 GHz
 CF Step 4.000000 MHz
 Man
 Freq Offset 0 Hz
 Channel Power: 2.30 dBm / 16.46 MHz
 Power Spectral Density -9.864 dBm / MHz

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Peak Output Power / PSD, 5260 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1**Antenna A**

Peak Output Power / PSD, 5260 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**

Peak Output Power / PSD, 5260 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2

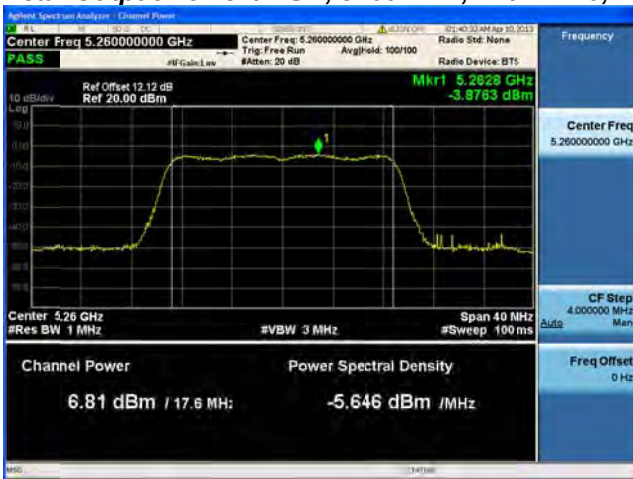


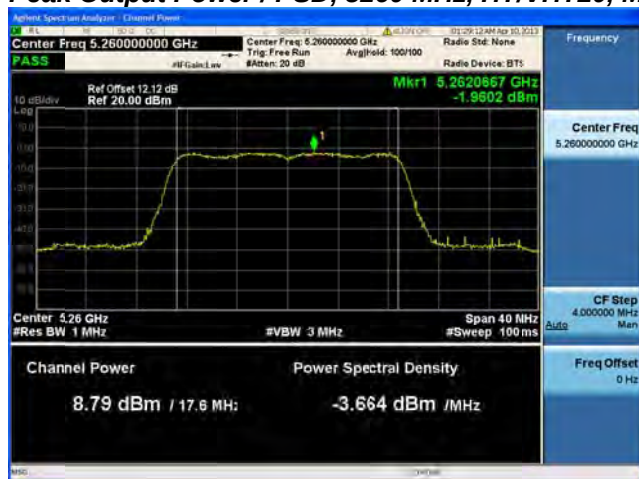
Antenna A

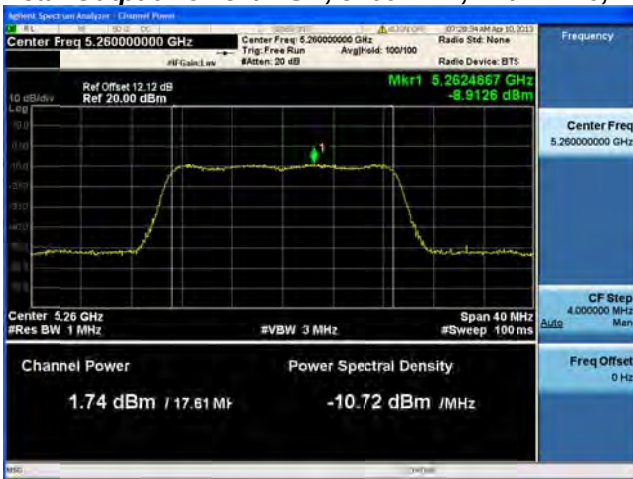
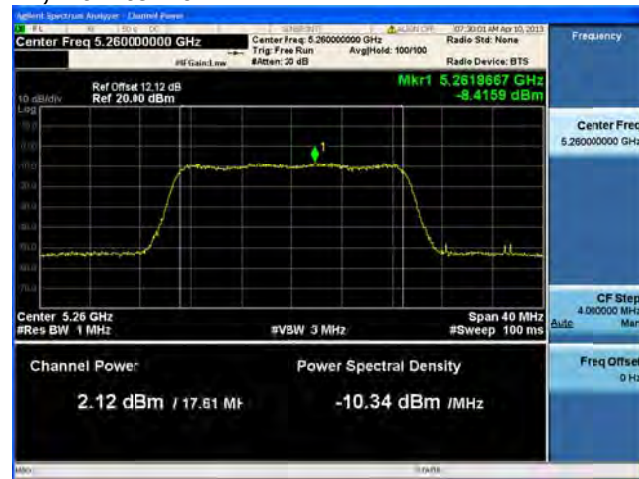
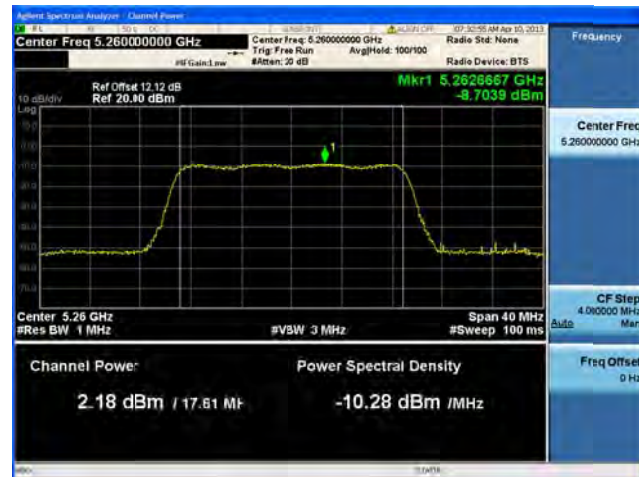


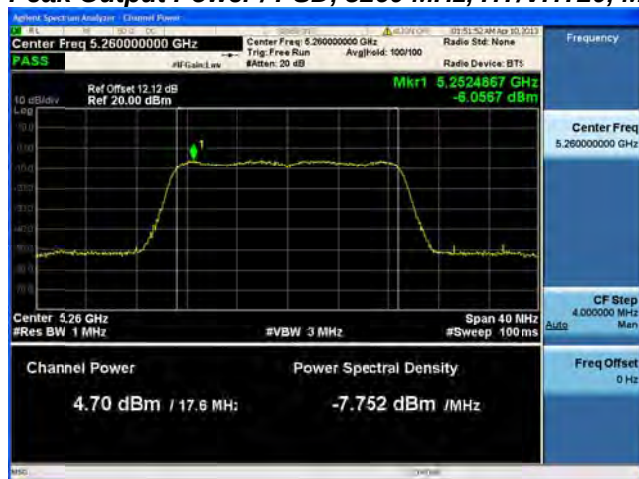
Antenna B

Peak Output Power / PSD, 5260 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5260 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

Peak Output Power / PSD, 5260 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3**Antenna A****Antenna B****Antenna C**

Peak Output Power / PSD, 5260 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5260 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2**Antenna A****Antenna B****Antenna C****Antenna D**

Rohde & Schwarz Spectrum Analyzer - Channel Power
 1.1 MHz 5.260000000 GHz
 Center Freq 5.260000000 GHz
 #F Span 3 MHz
 #Res BW 1 MHz
 Channel Power
 6.81 dBm / 17.6 MHz
 Power Spectral Density
 -5.646 dBm / MHz
 Span 40 MHz
 #Sweep 100 ms
 CF Step 4.000000 MHz
 Mar 10 10:10:10
 Auto
 Frequency
 Center Freq 5.260000000 GHz
 Radio Std: None
 Avg Hold: 100/100
 Radio Device: BT1
 Ref Offset 12.12 dB
 Ref 20.00 dBm
 Mkr1 5.2628 GHz
 -3.9753 dBm
 10 dB/div
 100 dB
 0 dB
 -100 dB
 -140 dB
 -180 dB
 -220 dB
 -260 dB
 -300 dB
 -340 dB
 -380 dB
 -420 dB
 -460 dB
 -500 dB
 -540 dB
 -580 dB
 -620 dB
 -660 dB
 -700 dB
 -740 dB
 -780 dB
 -820 dB
 -860 dB
 -900 dB
 -940 dB
 -980 dB
 -1020 dB
 -1060 dB
 -1100 dB
 -1140 dB
 -1180 dB
 -1220 dB
 -1260 dB
 -1300 dB
 -1340 dB
 -1380 dB
 -1420 dB
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 -1500 dB
 -1540 dB
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 -1620 dB
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 -1820 dB
 -1860 dB
 -1900 dB
 -1940 dB
 -1980 dB
 -2020 dB
 -2060 dB
 -2100 dB
 -2140 dB
 -2180 dB
 -2220 dB
 -2260 dB
 -2300 dB
 -2340 dB
 -2380 dB
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 -2460 dB
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 -3100 dB
 -3140 dB
 -3180 dB
 -3220 dB
 -3260 dB
 -3300 dB
 -3340 dB
 -3380 dB
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 -10340 dB
 -10380 dB
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 -10540 dB
 -10580 dB
 -10620 dB
 -10660 dB
 -10700 dB
 -10740 dB
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 -12460 dB
 -12500 dB
 -12540 dB
 -12580 dB
 -12620 dB
 -12660 dB
 -12700 dB
 -12740 dB
 -12780 dB
 -12820 dB
 -12860 dB
 -12900 dB
 -12940 dB
 -12980 dB
 -13020 dB
 -13060 dB
 -13100 dB
 -13140 dB
 -13180 dB
 -13220 dB
 -13260 dB
 -13300 dB
 -13340 dB
 -13380 dB
 -13420 dB
 -13460 dB
 -13500 dB
 -13540 dB
 -13580 dB
 -13620 dB
 -13660 dB
 -13700 dB
 -13740 dB
 -13780 dB
 -13820 dB
 -13860 dB
 -13900 dB
 -13940 dB
 -13980 dB
 -14020 dB
 -14060 dB
 -14100 dB
 -14140 dB
 -14180 dB
 -14220 dB
 -14260 dB
 -14300 dB
 -14340 dB
 -14380 dB
 -14420 dB

Advent Spectrum Analyzer - Channel View

Center Freq 5.26000000 GHz

Center Freq 5.26000000 GHz

Radio Std: None

Trig Free Run

Avg/Hold: 100/100

Ref Gain Low

#dBm: 20 dB

Radio Device: BTS

Mkr1 5.2611333 GHz

-3.5532 dBm

10 dB/Div

Ref Offset 12.12 dB

Ref 20.00 dBm

Center 5.26 GHz

#Res BW 1 MHz

#VBW 3 MHz

Span 40 MHz

#Sweep 100 ms

Channel Power:

Power Spectral Density

7.26 dBm / 17.8 MHz

-5.196 dBm / MHz

CF Step 4.000000 MHz

Autoset

Freq Offset 0 Hz



Vector Signal Analyzer - Channel Power

Center Freq 5.260000000 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 40 MHz
#Sweep 100 ms

Channel Power: 7.31 dBm / 17.6 MHz

Power Spectral Density: -5.148 dBm / MHz

Frequency: 5.260000000 GHz

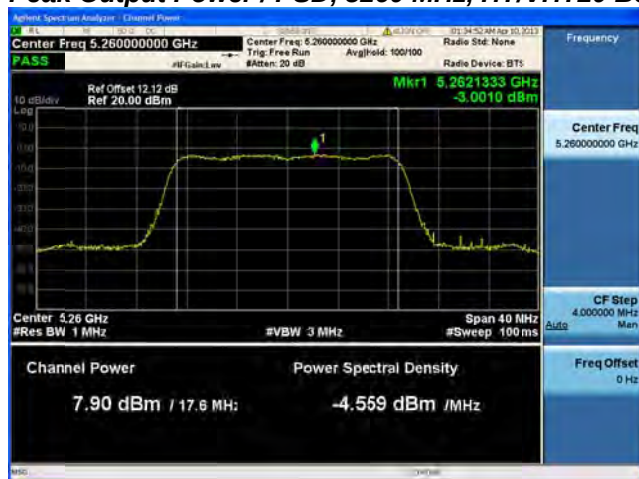
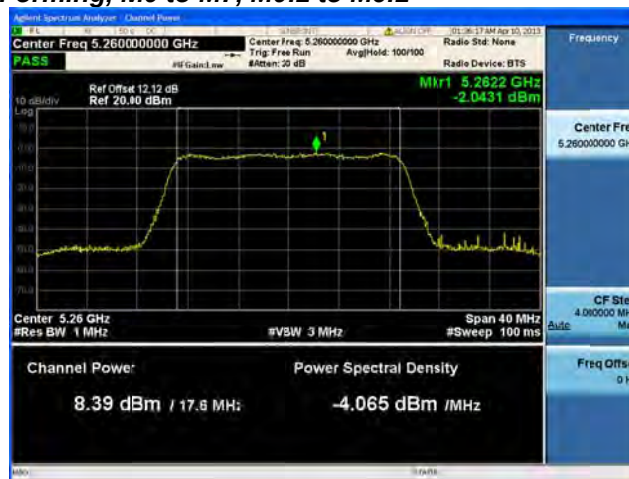
CF Step: 4.000000 MHz

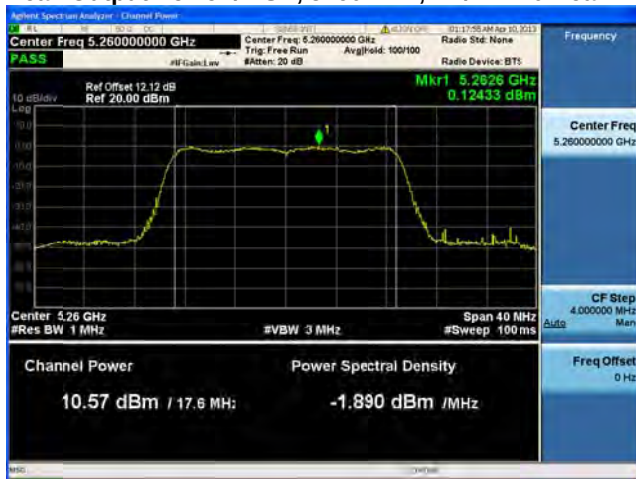
Freq Offset: 0 Hz

The screenshot displays a spectrum analyzer interface. At the top, it shows the center frequency as 5.260000000 GHz and the reference level as 12.12 dB. The main plot area shows a signal trace with a peak labeled 'Mkr1' at 5.2618867 GHz and -3.5085 dBm. The x-axis represents frequency in MHz, ranging from approximately 5.25 to 5.27 GHz. The y-axis represents power in dBm, ranging from -90 to 10. Below the plot, various parameters are listed: Center Freq 5.26 GHz, Res BW 1 MHz, Span 40 MHz, Sweep 100 ms, Channel Power 7.21 dBm / 17.6 MHz, and Power Spectral Density -5.248 dBm / MHz.

Parameter	Value
Center Freq	5.260000000 GHz
Ref Level	12.12 dB
Mkr1	5.2618867 GHz -3.5085 dBm
Center Freq	5.26 GHz
Res BW	1 MHz
Span	40 MHz
Sweep	100 ms
Channel Power	7.21 dBm / 17.6 MHz
Power Spectral Density	-5.248 dBm / MHz

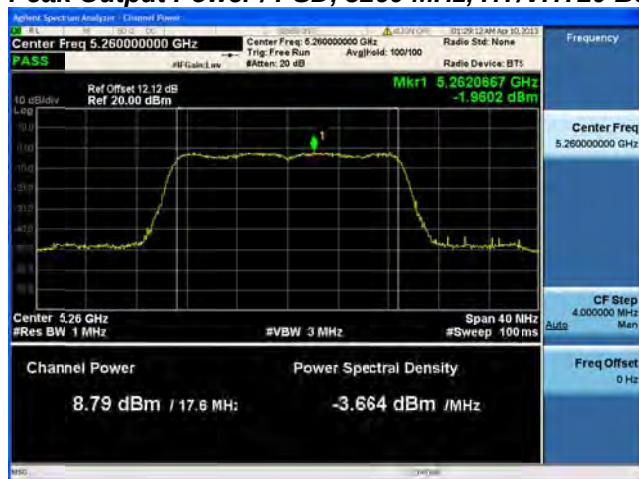
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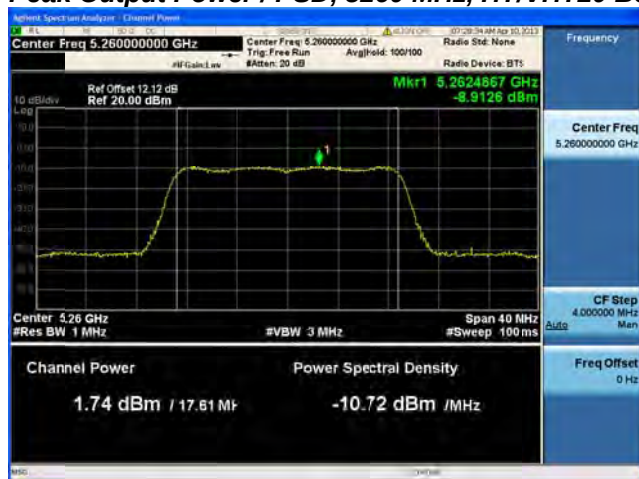
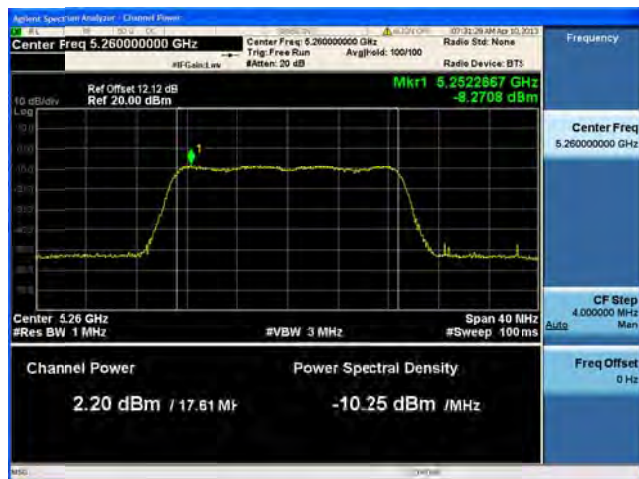
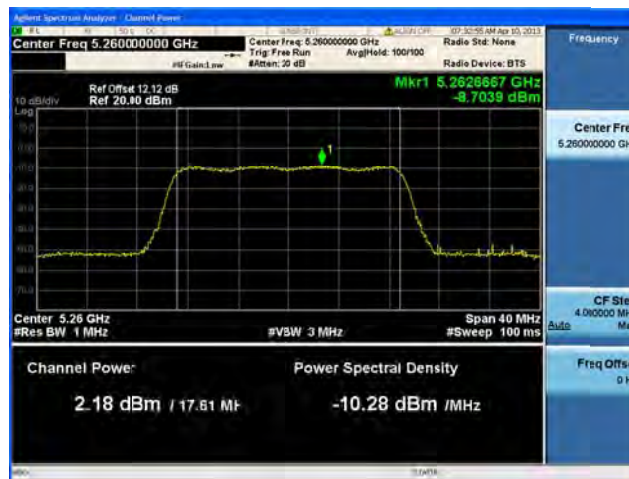
Peak Output Power / PSD, 5260 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**

**Peak Output Power / PSD, 5260 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B**

Peak Output Power / PSD, 5260 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5260 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5260 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**

Peak Output Power / PSD, 5260 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B****Antenna C****Antenna D**

Rohde & Schwarz Spectrum Analyzer - Channel Power
 Center Freq 5.260000000 GHz
 Span 40 MHz
 Res BW 1 MHz
 Sweep 100 ms
 Channel Power 4.70 dBm / 17.6 MHz
 Power Spectral Density -7.752 dBm / 17.6 MHz
 Frequency 5.260000000 GHz
 Center Freq 5.260000000 GHz
 CF Step 4.000000 MHz
 Freq Offset 0 Hz

Agilent Spectrum Analyzer - Default View

Center Freq 5.260000000 GHz

Ref Offset 12.12 dB

Ref 20.00 dBm

10 dB/div

Center Freq 5.260000000 GHz

Trig Free Run

Avg/Hold: 100/100

Radio Device: BTS

Mkr1 5.2584667 GHz

-5.4968 dBm

Center Freq 5.260000000 GHz

CF Step 4.000000 MHz

Span 40 MHz

Sweep 100 ms

Channel Power: 5.20 dBm / 17.8 MHz

Power Spectral Density: -7.255 dBm / MHz

Freq Offset 0 Hz

Vector Signal Analyzer - Channel Power

Center Freq 5.260000000 GHz

Trig: Free Run

Avg/hold: 100/100

Radio Sts: None

Radio Device: BT1

Frequency

Center Freq 5.260000000 GHz

Ref Offset 12.12 dB

Ref 20.00 dBm

Mkr1 5.2631333 GHz

-3.399 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

-80 dBm

-90 dBm

Center 5.26 GHz

#Res BW 1 MHz

#VBW 3 MHz

Span 40 MHz

#Sweep 100 ms

Channel Power

Power Spectral Density

5.37 dBm / 17.6 MHz

-7.091 dBm / MHz

CF Step 4.000000 MHz

Auto

Man

Freq Offset 0 Hz

MSO

CH1

Channel Power: 5.17 dBm / 17.6 MHz

Power Spectral Density: -7.285 dBm / MHz

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Channel Power
6.81 dBm / 17.6 MHz

Power Spectral Density
-5.646 dBm / MHz

Frequency
Center Freq 5.260000000 GHz
Span 40 MHz
CF Step 4.000000 MHz
Freq Offset 0 Hz

Channel Settings:
Center Freq: 5.260000000 GHz
Res BW: 1 MHz
Sweep: 100 ms
Span: 40 MHz
Video BW: 3 MHz

Measurement Data:
Channel Power: 6.81 dBm
Power Spectral Density: -5.646 dBm / MHz

Advent Spectrum Analyzer - Channel 1

Center Freq 5.26000000 GHz

Ref Offt 12.12 dB

Ref 20.00 dBm

Mkr1 5.2611333 GHz -3.5532 dBm

Center Freq 5.26000000 GHz

Span 40 MHz

Channel Power: 7.26 dBm / 17.8 MHz

Power Spectral Density: -5.196 dBm / MHz

Vector Signal Analyzer - Channel Power

Center Freq 5.260000000 GHz

PASS

Ref Offset 12.12 dB
Ref 20.00 dBm

Center Freq: 5.260000000 GHz
Trig: Free Run
AvgHold: 100/100
Radio Device: BT1

Frequency

Center Freq
5.260000000 GHz

CF Step
4.000000 MHz

Channel Power

Power Spectral Density

7.31 dBm / 17.6 MHz

-5.148 dBm / MHz

Freq Offset
0 Hz

Active Spectrum Analyzer - Channel Power

Center Freq 5.260000000 GHz

Trig Free Run

Avg/Hold: 100/H00

Radio Std: None

Radio Device: BTS

Frequency

Center Freq 5.26000000 GHz

CF Step 4.000000 MHz

Man

Freq Offset 0 Hz

Channel Power: 7.21 dBm / 17.6 MHz

Power Spectral Density -5.248 dBm /MHz

Mkr1 5.2618667 GHz -3.5065 dBm

Ref Offst 12.12 dB

Ref 20.90 dBm

P16 Gain: 3.000

Span 40 MHz

#Res BW 1 MHz

#VBW 3 MHz

#Sweep 100 ms

Auto

10 dB/div

Log

0 dB

-10 dB

-20 dB

-30 dB

-40 dB

-50 dB

-60 dB

-70 dB

5.25 MHz

5.26 MHz

5.27 MHz

5.28 MHz

5.29 MHz

5.30 MHz

5.31 MHz

5.32 MHz

5.33 MHz

5.34 MHz

5.35 MHz

5.36 MHz

5.37 MHz

5.38 MHz

5.39 MHz

5.40 MHz

5.41 MHz

5.42 MHz

5.43 MHz

5.44 MHz

5.45 MHz

5.46 MHz

5.47 MHz

5.48 MHz

5.49 MHz

5.50 MHz

5.51 MHz

5.52 MHz

5.53 MHz

5.54 MHz

5.55 MHz

5.56 MHz

5.57 MHz

5.58 MHz

5.59 MHz

5.60 MHz

5.61 MHz

5.62 MHz

5.63 MHz

5.64 MHz

5.65 MHz

5.66 MHz

5.67 MHz

5.68 MHz

5.69 MHz

5.70 MHz

5.71 MHz

5.72 MHz

5.73 MHz

5.74 MHz

5.75 MHz

5.76 MHz

5.77 MHz

5.78 MHz

5.79 MHz

5.80 MHz

5.81 MHz

5.82 MHz

5.83 MHz

5.84 MHz

5.85 MHz

5.86 MHz

5.87 MHz

5.88 MHz

5.89 MHz

5.90 MHz

5.91 MHz

5.92 MHz

5.93 MHz

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8.38 MHz

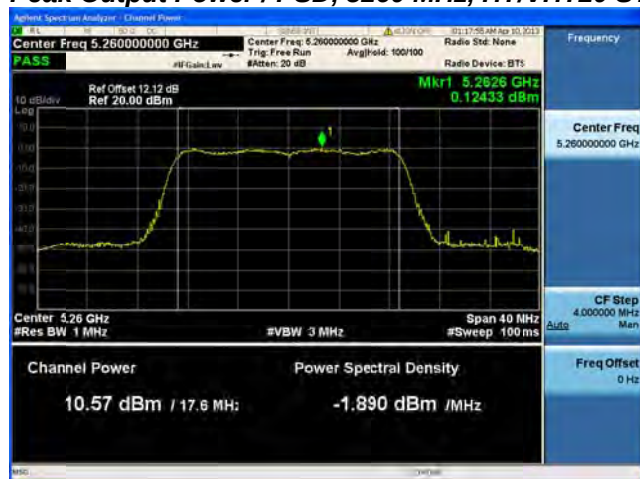
8.39 MHz

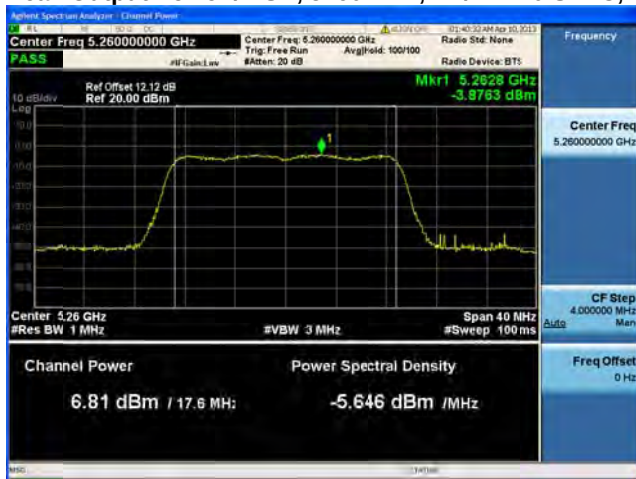
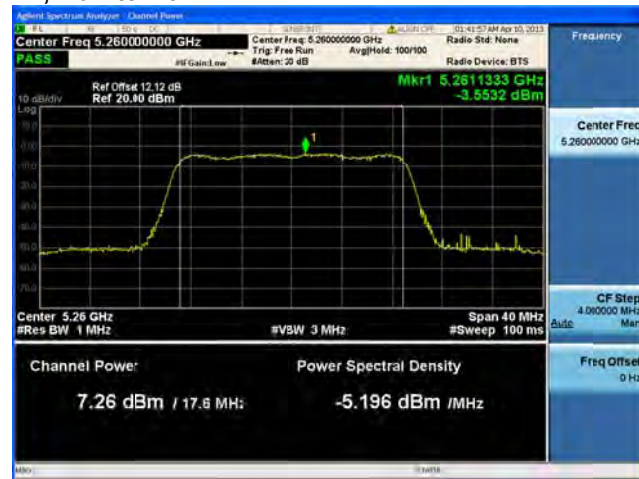
8.40 MHz

8.41 MHz

8.42 MHz

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Peak Output Power / PSD, 5260 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**

**Peak Output Power / PSD, 5260 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

[illegible]

Advent Spectrum Analyzer - Default View

Center Freq 5.260000000 GHz

Center Freq 5.260000000 GHz

Radio Std: None

Avg/Hold: 100/100

Ref Device: BTS

Frequency 5.26000000 GHz

CF Step 4.000000 MHz

Span 40 MHz

#Sweep 100 ms

Channel Power: 5.20 dBm / 17.8 MHz

Power Spectral Density -7.255 dBm / MHz

Vector Signal Analyzer - Channel Power

Center Freq 5.260000000 GHz

PASS

Ref Offset 12.12 dB

Ref 20.00 dBm

Center Freq: 5.260000000 GHz

Trig: Free Run

Avg:old: 100/100

Radio Device: BT1

Frequency

Center Freq 5.260000000 GHz

CF Step 4.000000 MHz

Span 40 MHz

#Res BW 1 MHz

#VBW 3 MHz

#Sweep 100 ms

Channel Power

Power Spectral Density

5.37 dBm / 17.6 MHz

-7.091 dBm / MHz

Freq Offset 0 Hz

Active Spectrum Analyzer Channel Power

Center Freq 5.26000000 GHz

PASS

Ref Offset 12.12 dB

Ref 20.90 dBm

Center Freq: 5.260000000 GHz

Trig: Free Run

Avg: Hold: 100/H00

Radio Std: None

Radio Device: BT5

#dBm: 20 dB

#dBm: 20 dB

Mkr1 5.2609667 GHz

-5.6678 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

Center 5.26 GHz

#Res BW 1 MHz

#VSW 3 MHz

Span 40 MHz

#Sweep 100 ms

Channel Power:

Power Spectral Density

5.17 dBm / 17.6 MHz

-7.285 dBm /MHz

Frequency

Center Freq 5.26000000 GHz

CF Step 4.000000 MHz

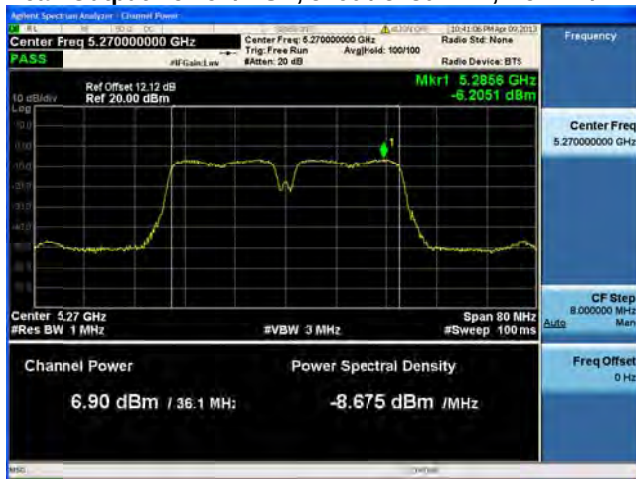
Auto

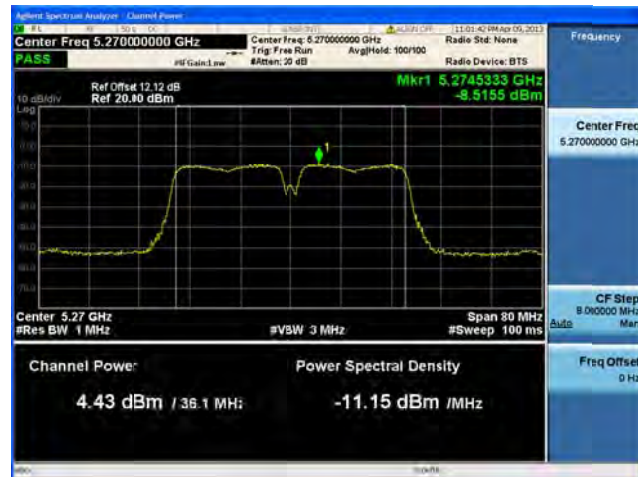
Freq Offset 0 Hz

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Cisco Systems, Inc. Company Confidential

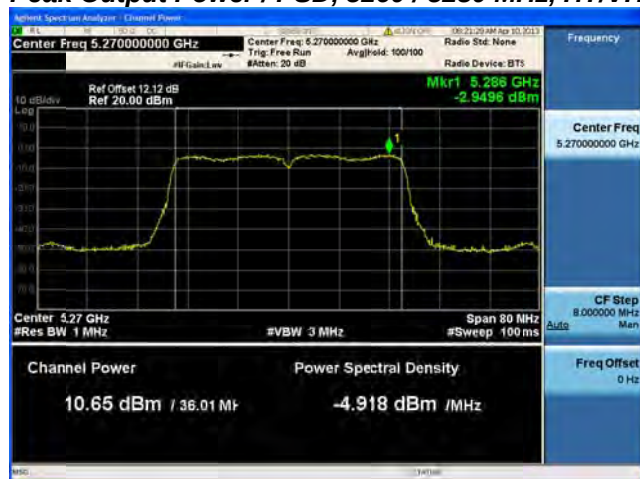
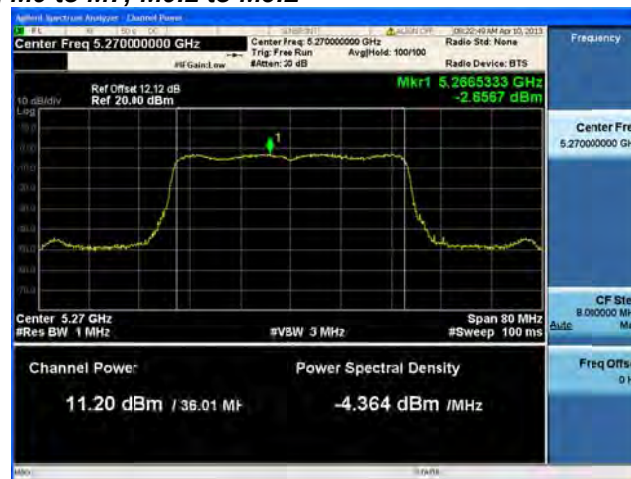
**Peak Output Power / PSD, 5260 / 5280 MHz, Non HT/VHT40, 6 to 54 Mbps****Antenna A**

Peak Output Power / PSD, 5260 / 5280 MHz, Non HT/VHT40, 6 to 54 Mbps**Antenna A****Antenna B**

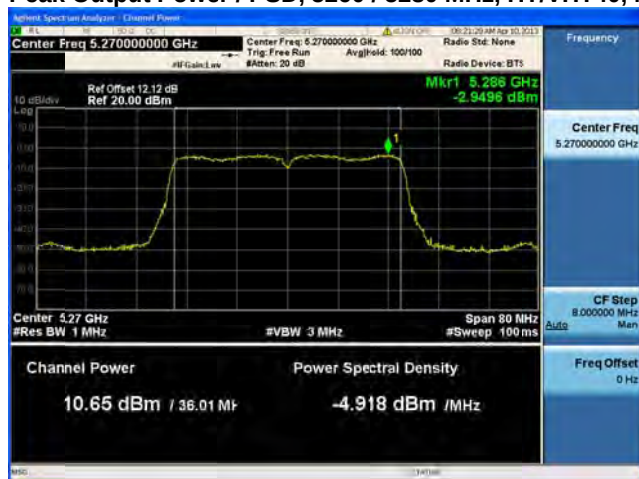
**Peak Output Power / PSD, 5260 / 5280 MHz, Non HT/VHT40, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5260 / 5280 MHz, Non HT/VHT40, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C****Antenna D**

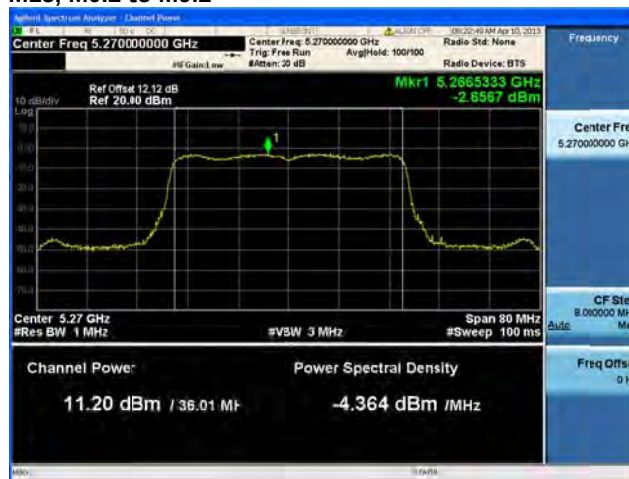
Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1**Antenna A**

Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**

Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2

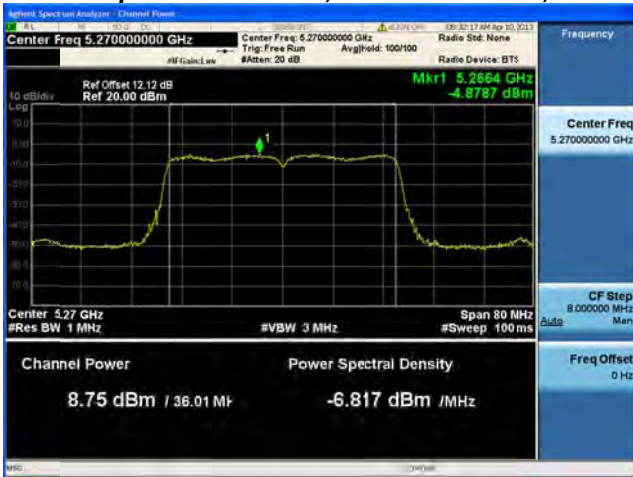


Antenna A

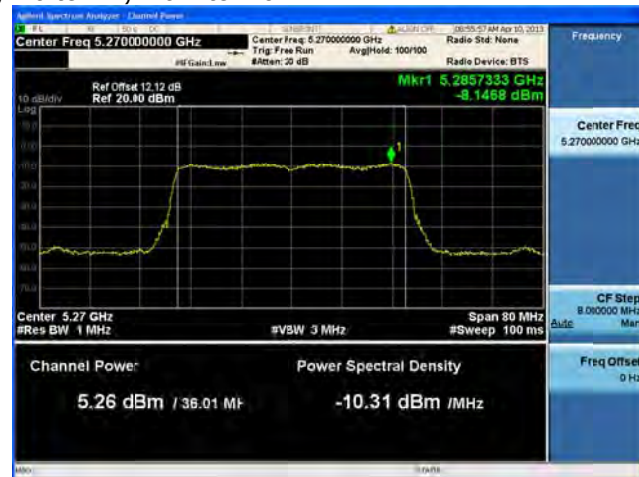
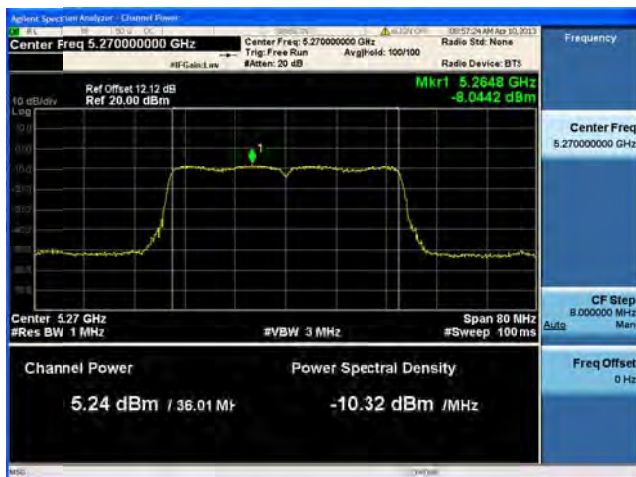
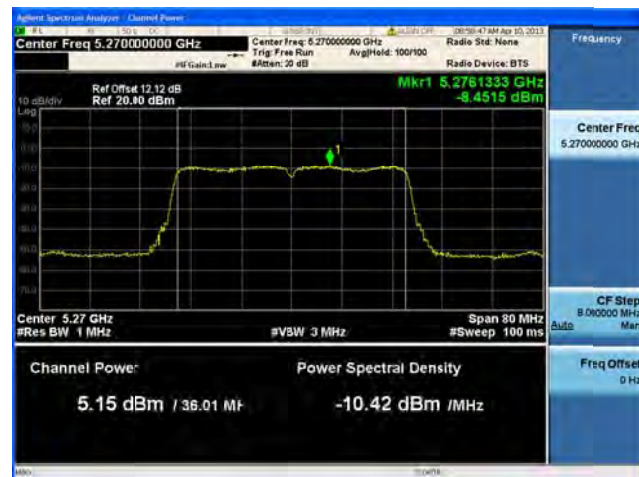


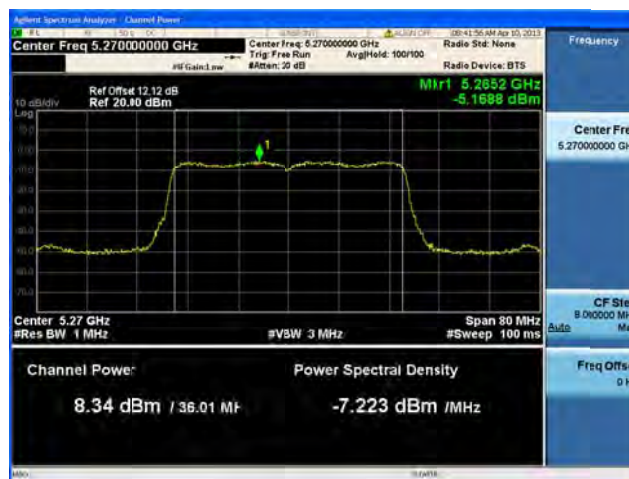
Antenna B

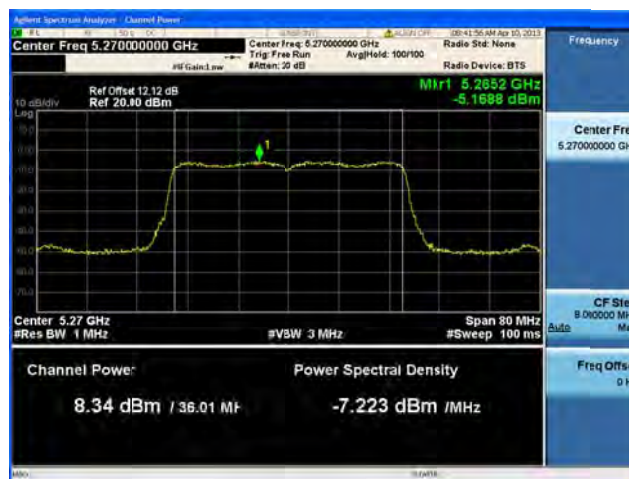
Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B****Antenna C**

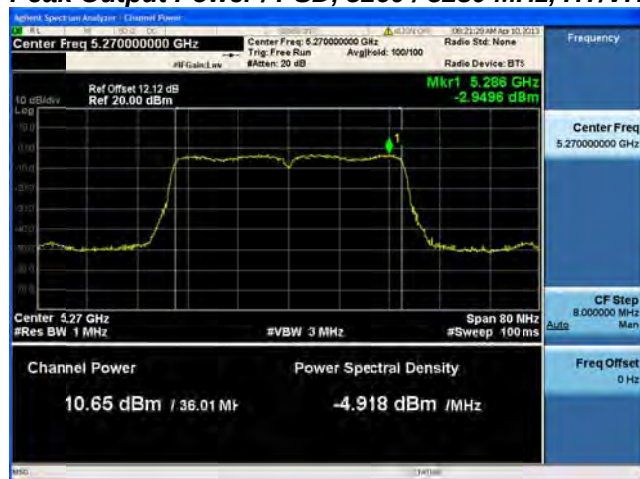
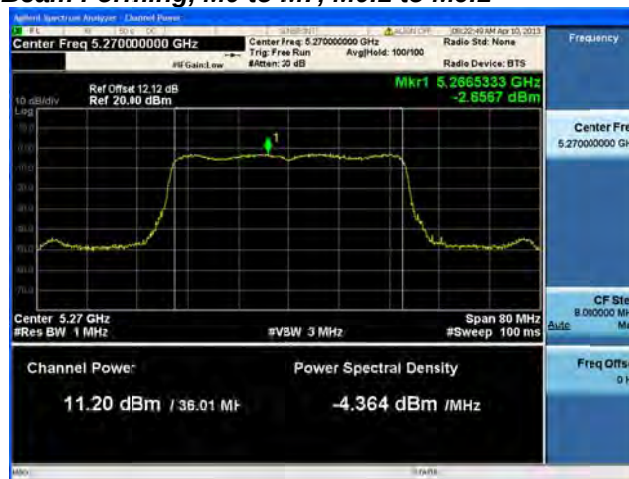
**Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3**Antenna A****Antenna B****Antenna C**

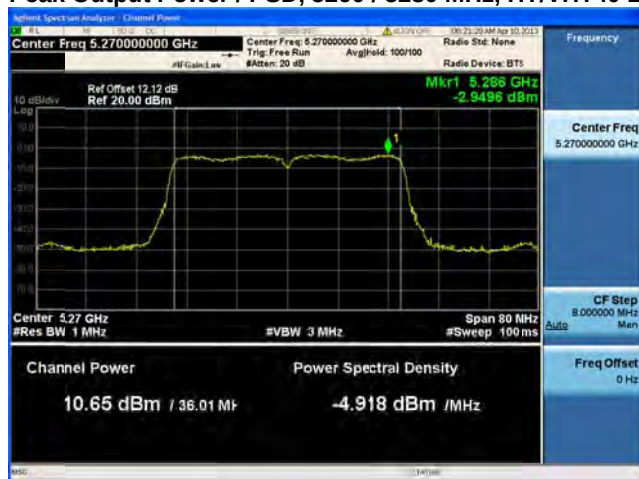
**Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

**Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

**Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

**Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**

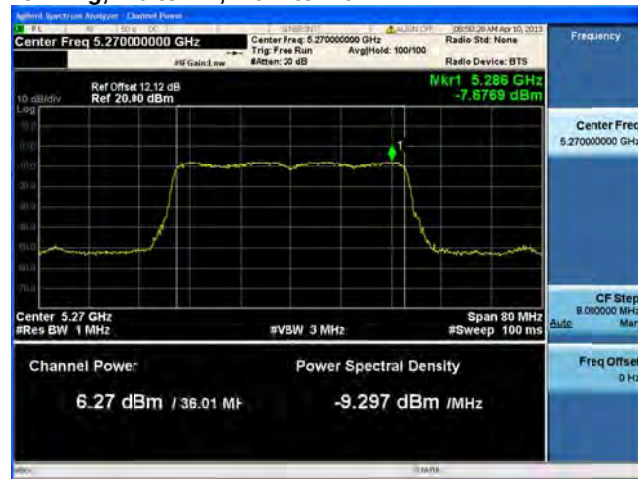
Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2



Antenna A

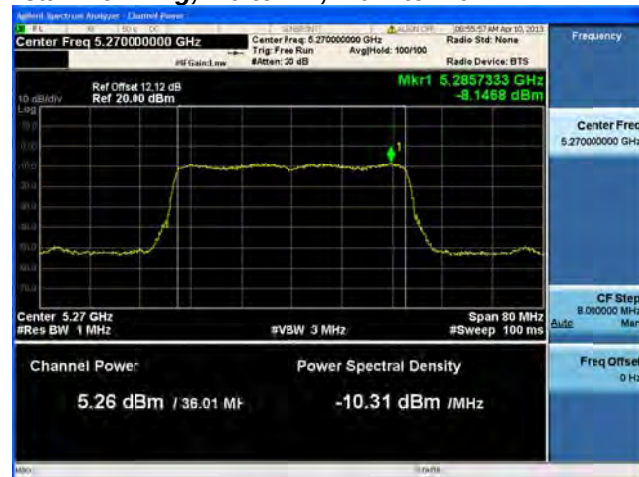
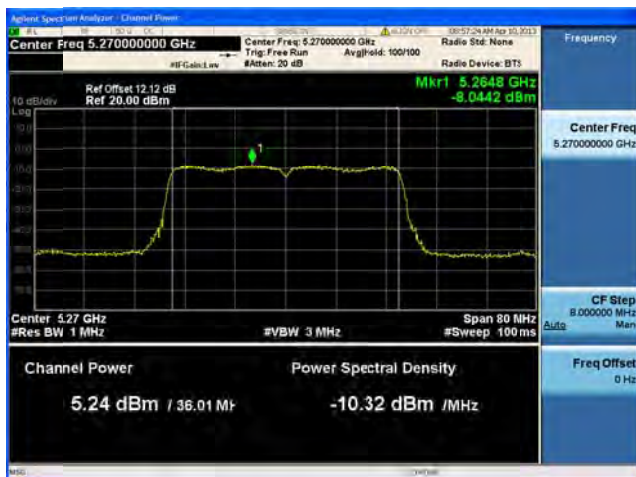
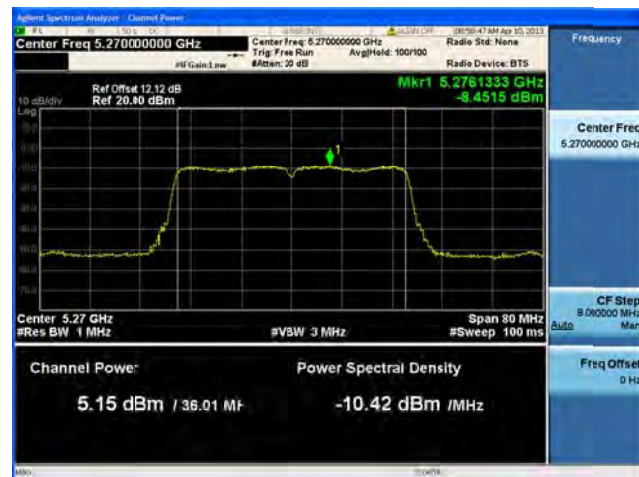


Antenna B

**Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

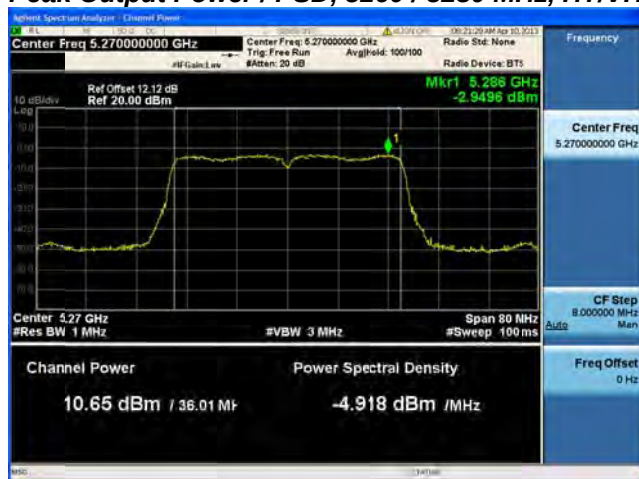
Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2**Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**

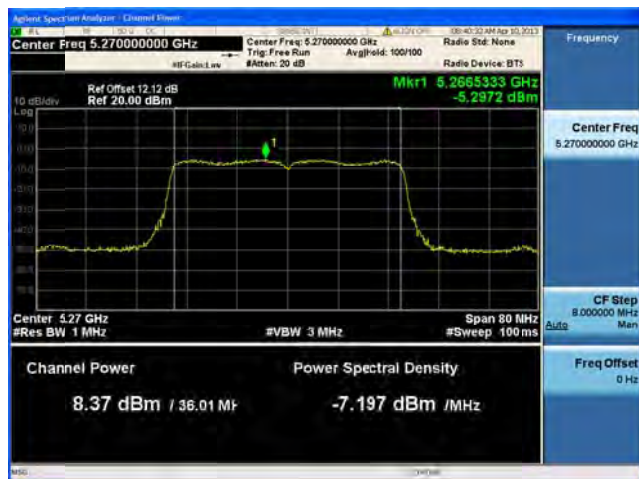
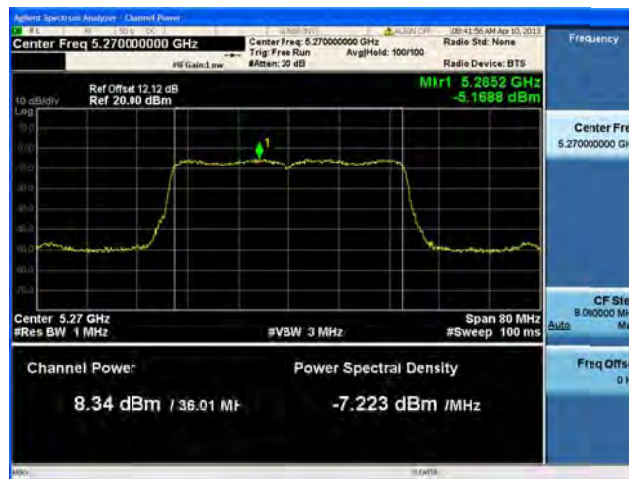
**Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

**Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

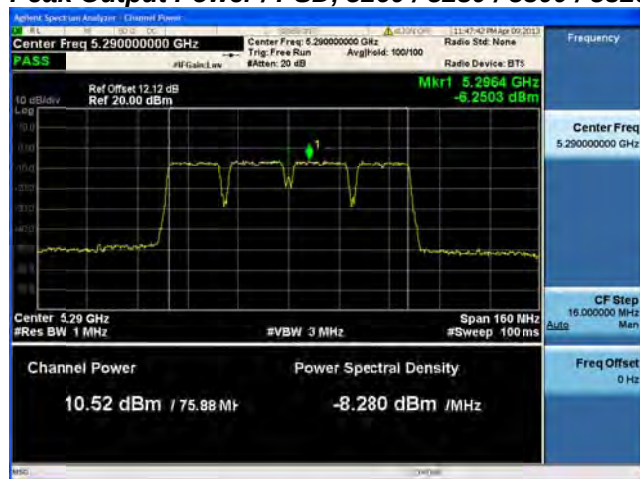
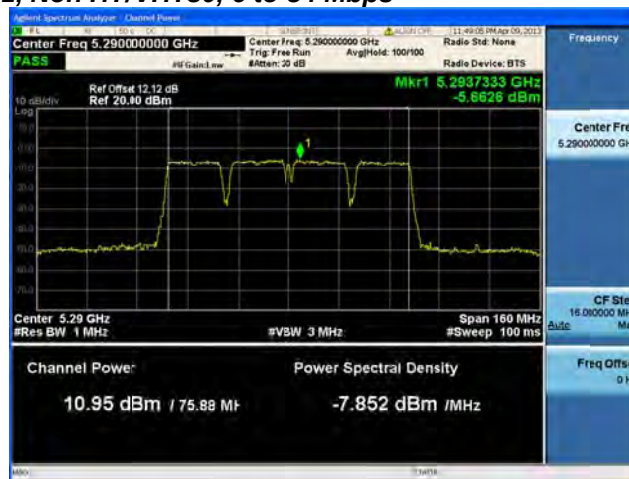
**Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**

**Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5260 / 5280 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, Non HT/VHT80, 6 to 54 Mbps**Antenna A**

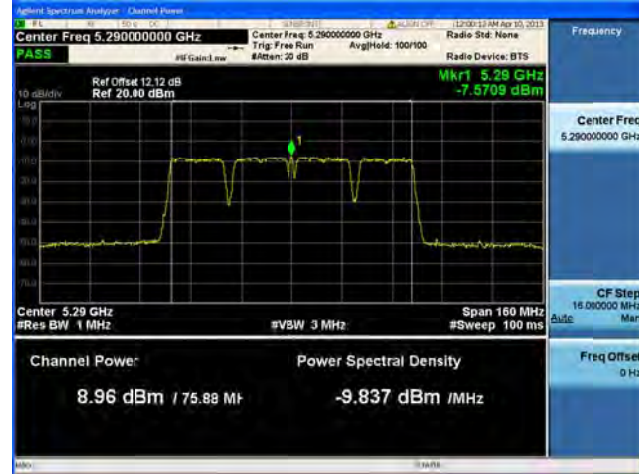
Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, Non HT/VHT80, 6 to 54 Mbps**Antenna A****Antenna B**



Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, Non HT/VHT80, 6 to 54 Mbps



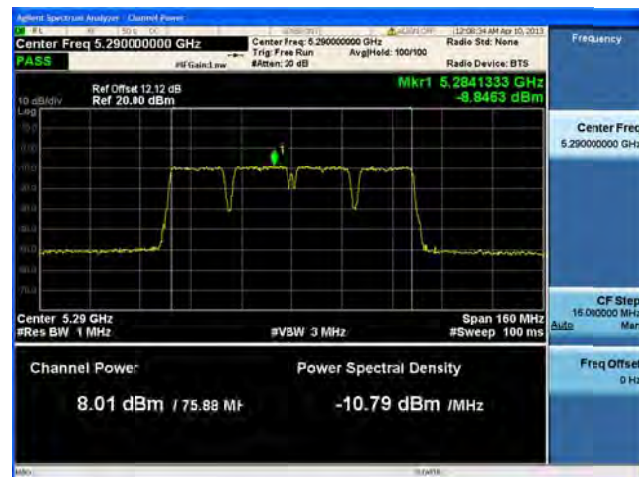
Antenna A

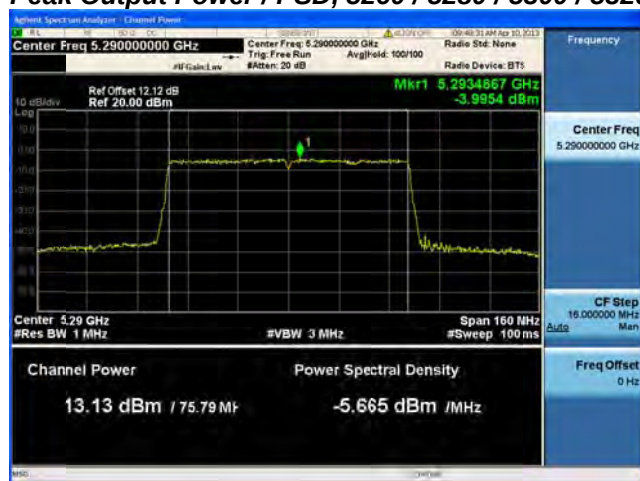


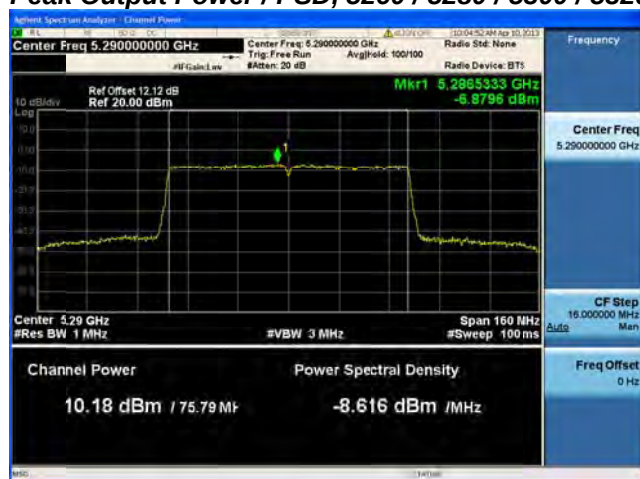
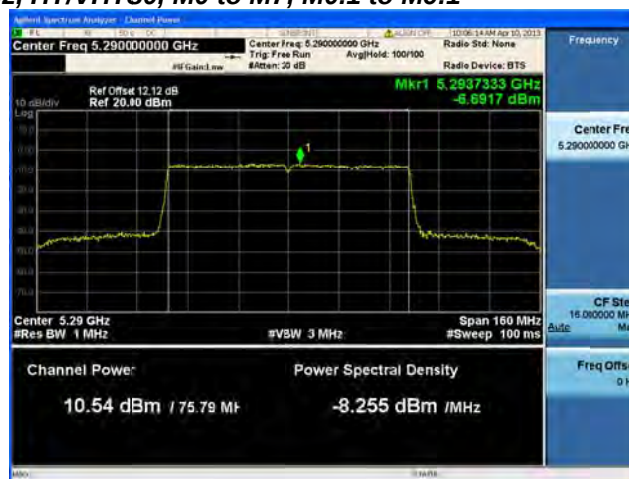
Antenna B



Antenna C

**Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, Non HT/VHT80, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1**Antenna A**

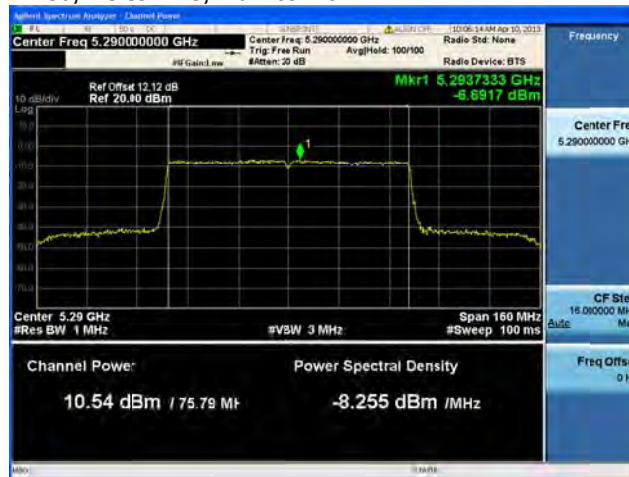
Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**



Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2



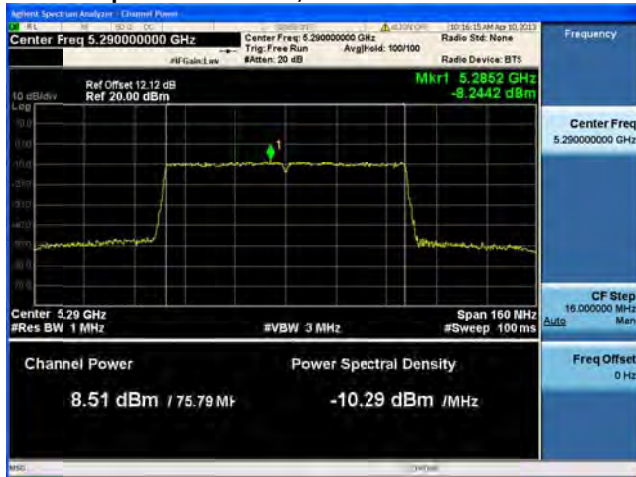
Antenna A



Antenna B



Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1



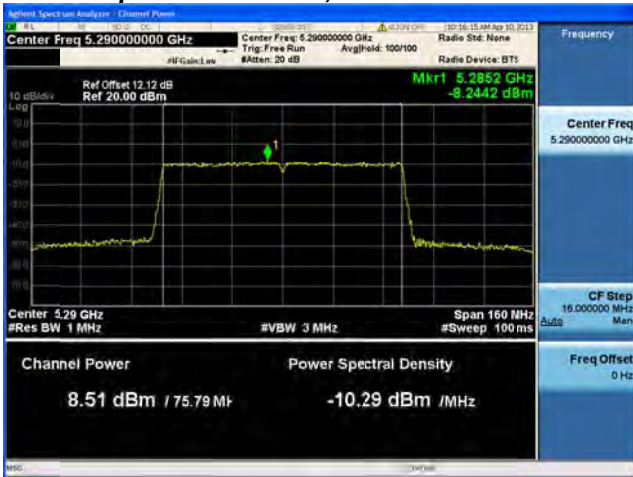
Antenna A

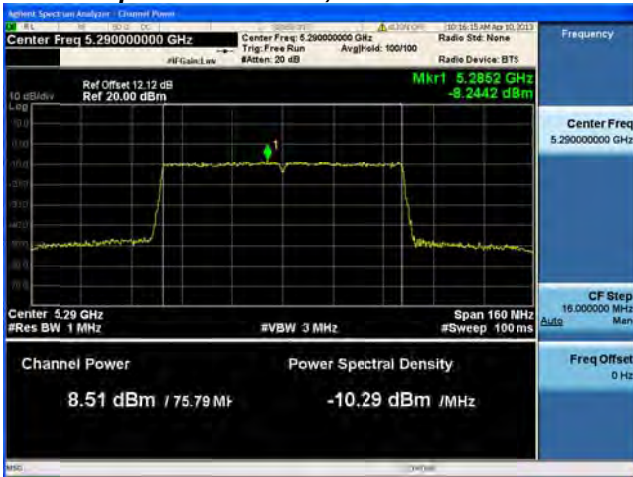


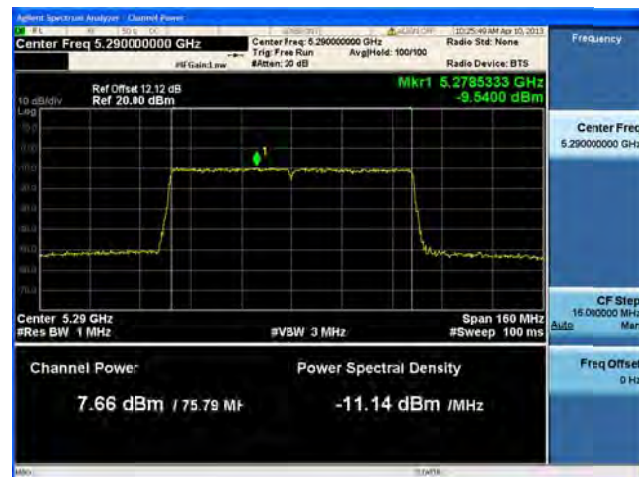
Antenna B



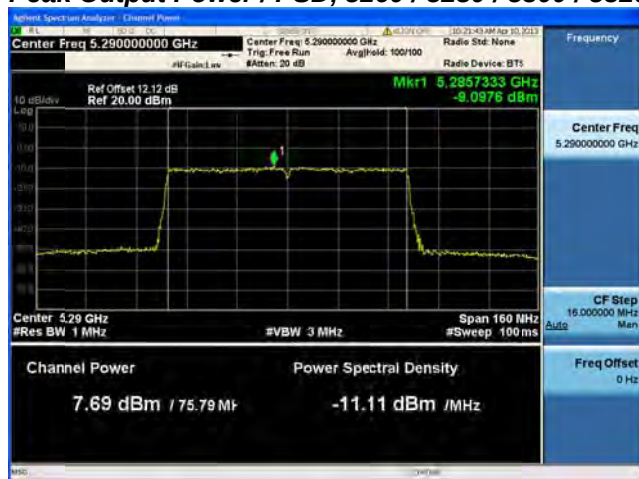
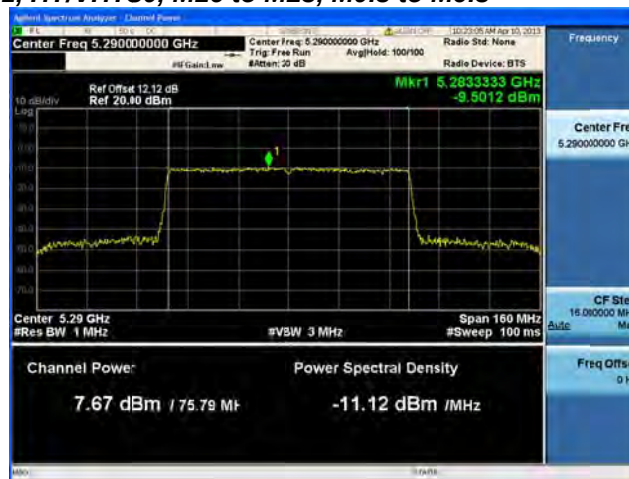
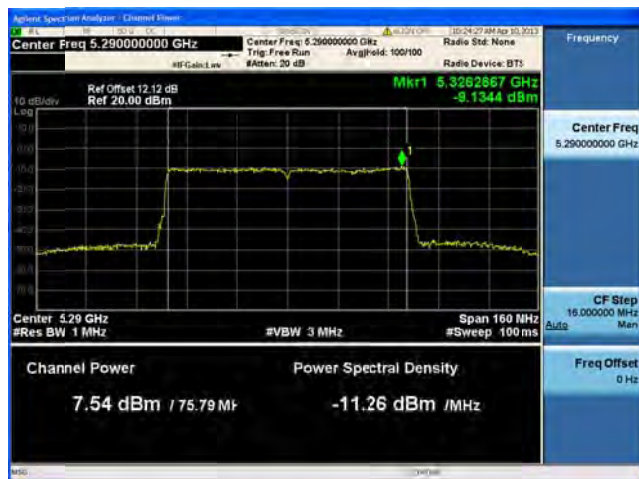
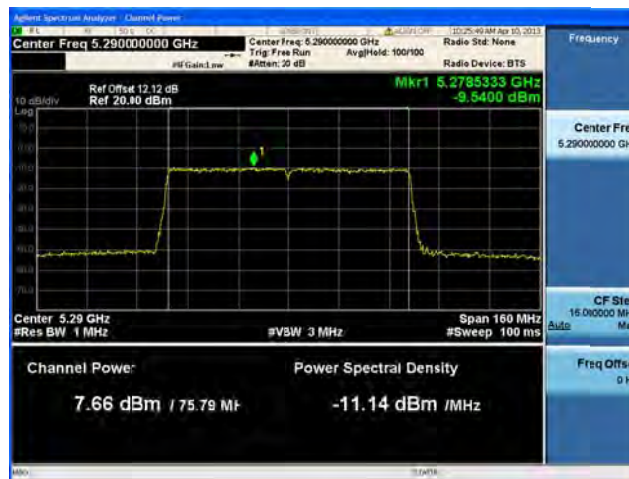
Antenna C

**Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

**Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3**Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**

Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2

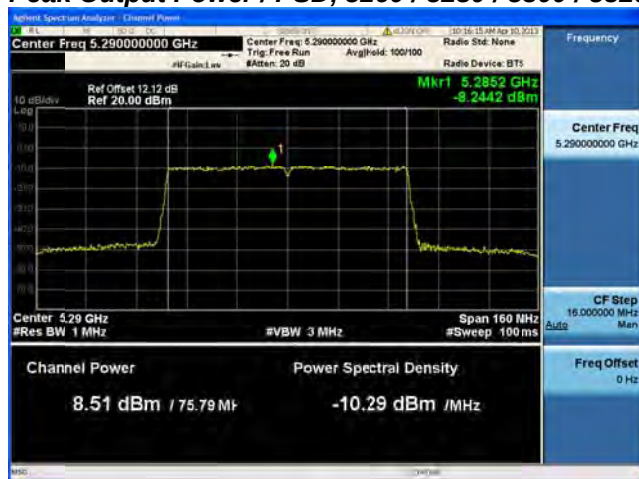
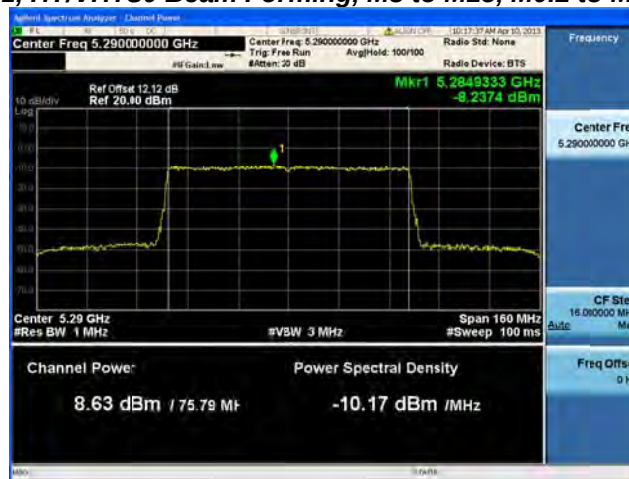


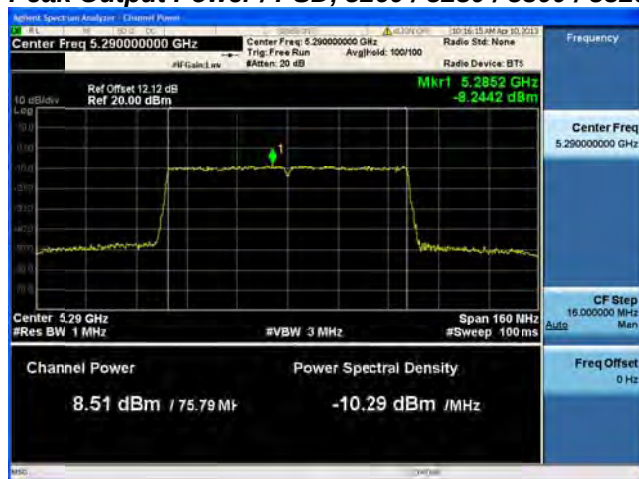
Antenna A

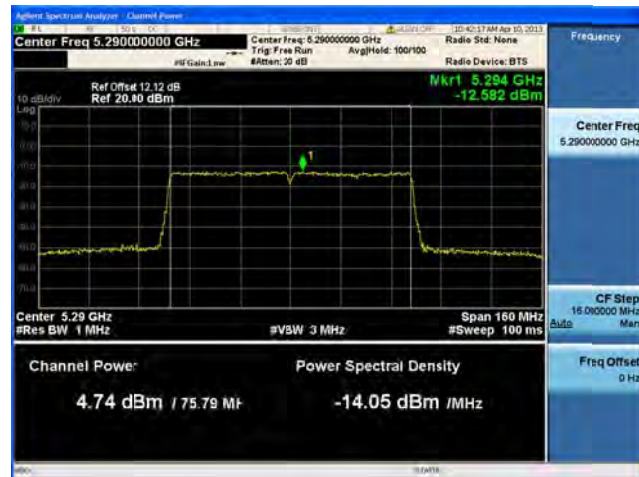


Antenna B

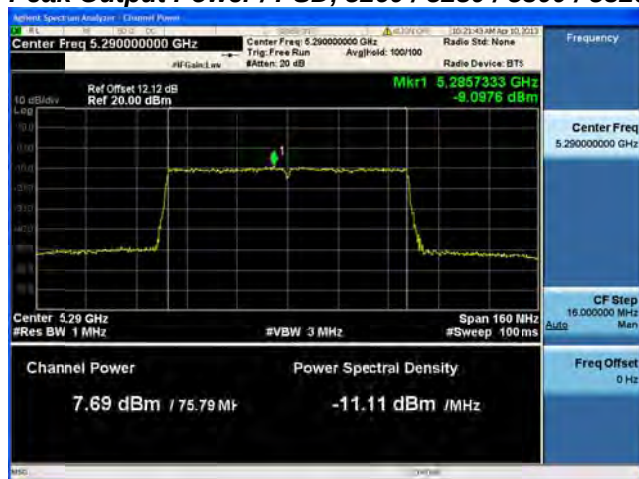
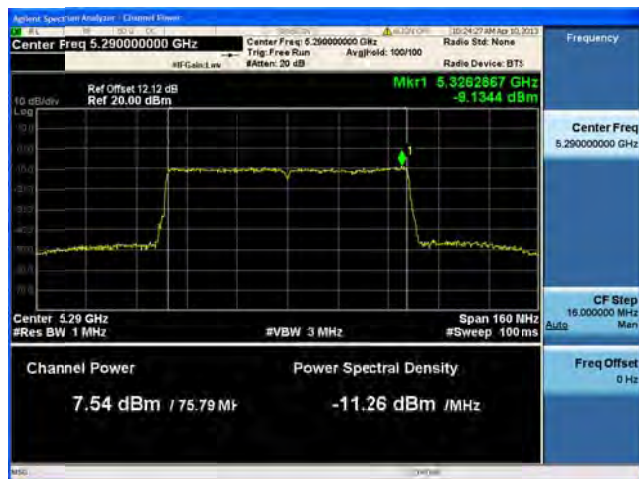
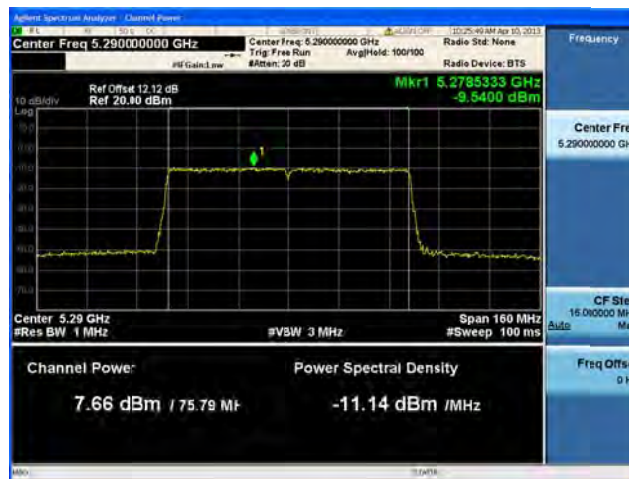
**Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2**Antenna A****Antenna B****Antenna C**

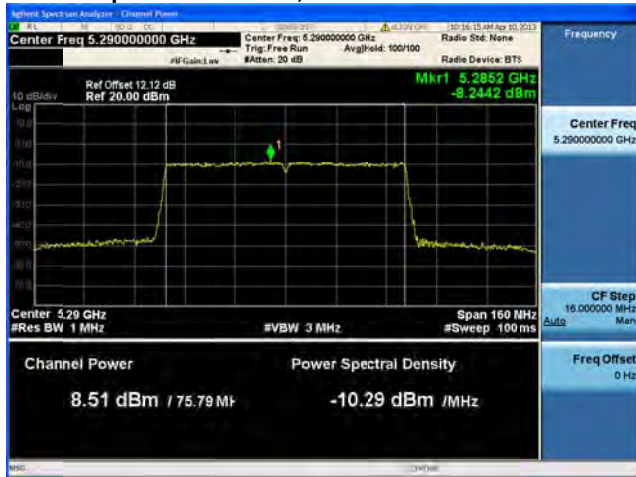
Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3**Antenna A****Antenna B****Antenna C**

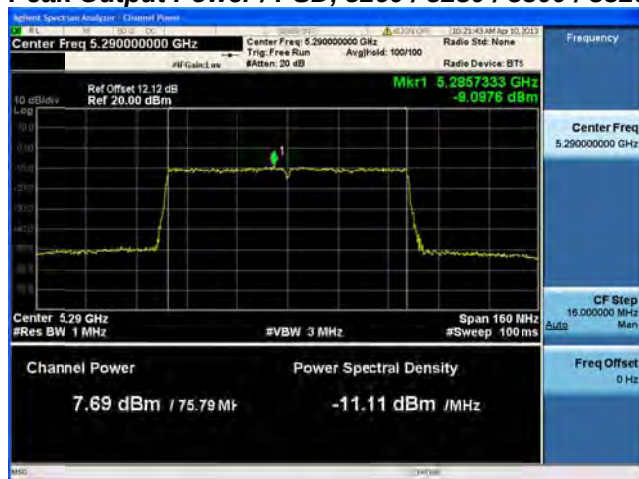
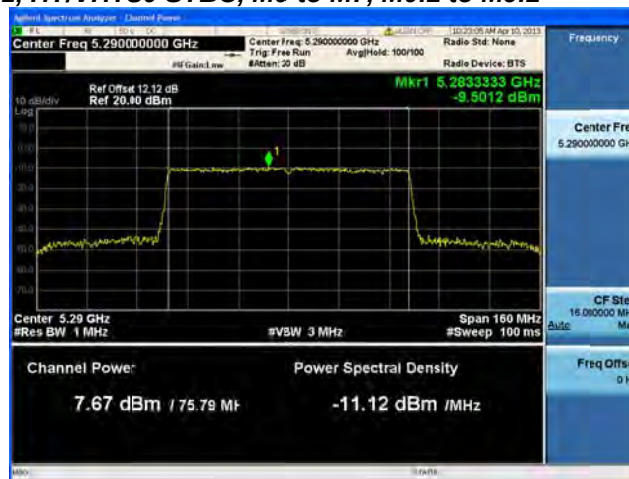
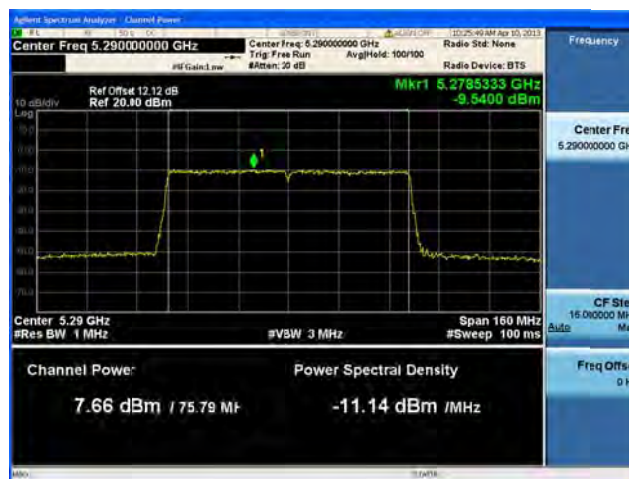
Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B****Antenna C****Antenna D**

**Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

**Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**

**Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

Peak Output Power / PSD, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B****Antenna C****Antenna D**

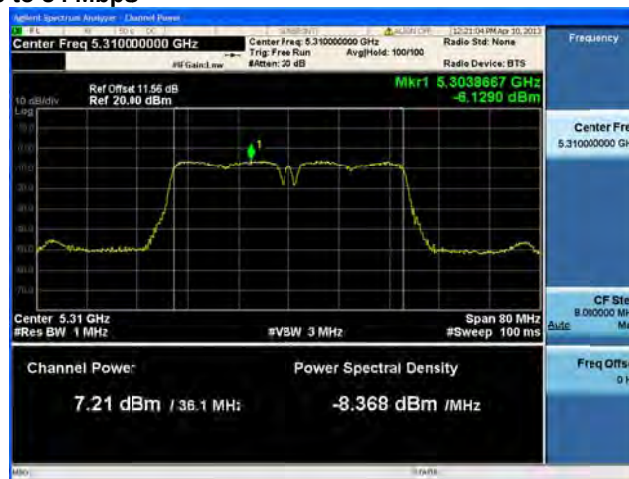
Peak Output Power / PSD, 5300 / 5320 MHz, Non HT/VHT40, 6 to 54 Mbps**Antenna A**

Peak Output Power / PSD, 5300 / 5320 MHz, Non HT/VHT40, 6 to 54 Mbps**Antenna A****Antenna B**

Peak Output Power / PSD, 5300 / 5320 MHz, Non HT/VHT40, 6 to 54 Mbps



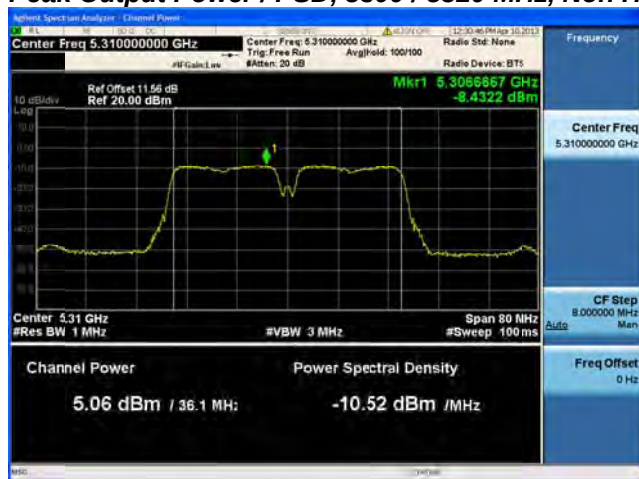
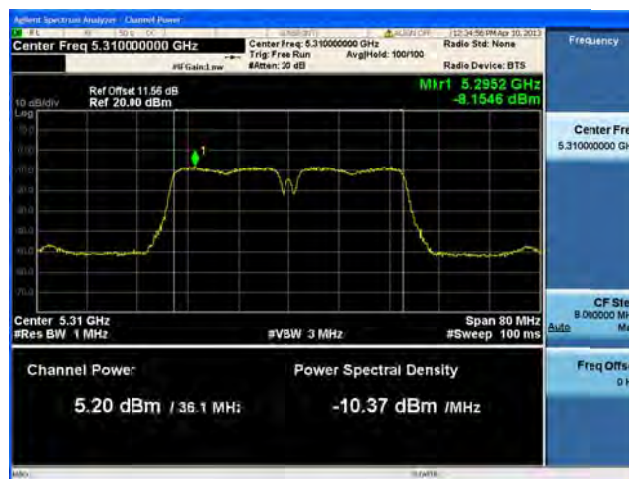
Antenna A

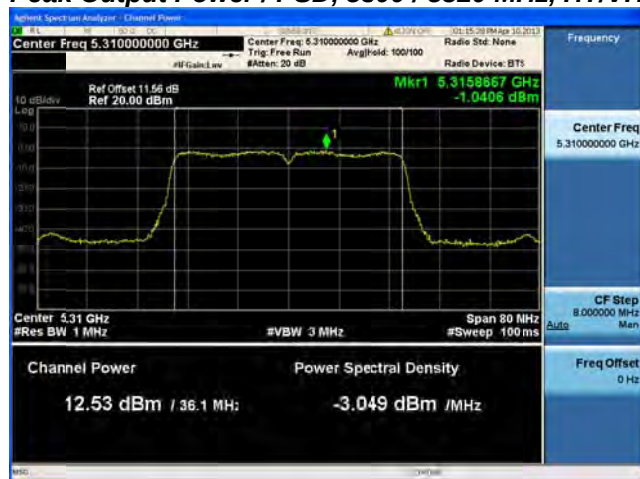


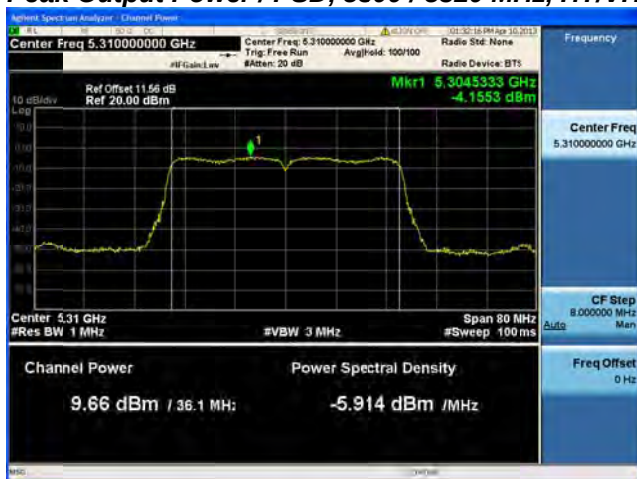
Antenna B



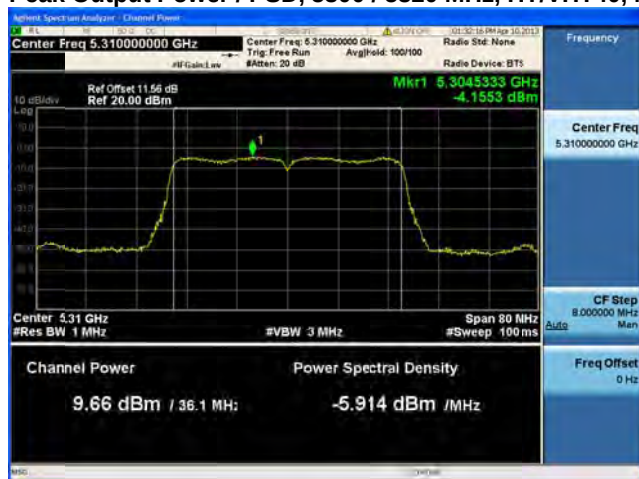
Antenna C

Peak Output Power / PSD, 5300 / 5320 MHz, Non HT/VHT40, 6 to 54 Mbps**Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1**Antenna A**

Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**

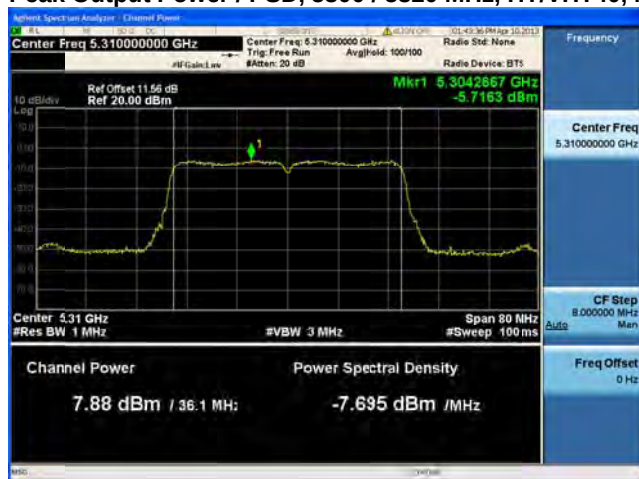
Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2

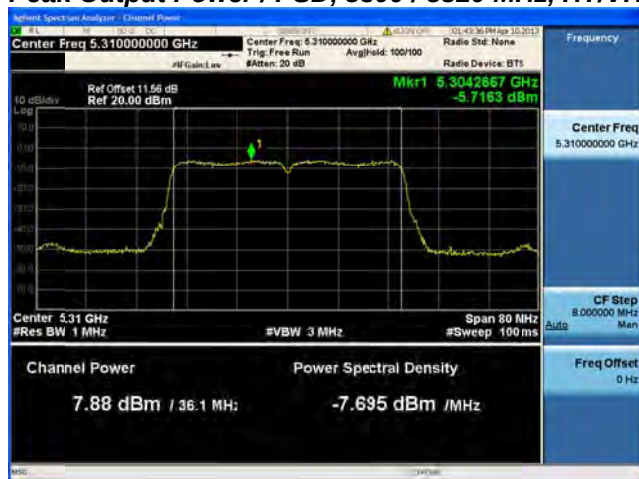


Antenna A



Antenna B

Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B****Antenna C**

Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2**Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**

Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1


Antenna A



Antenna B



Antenna C



Antenna D

Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2**Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3


Antenna A



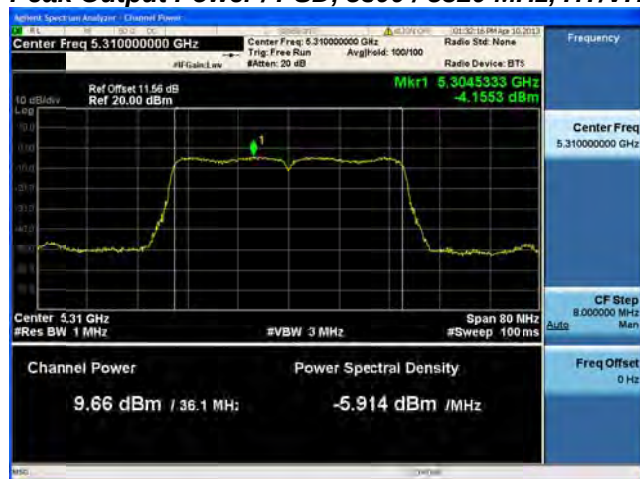
Antenna B



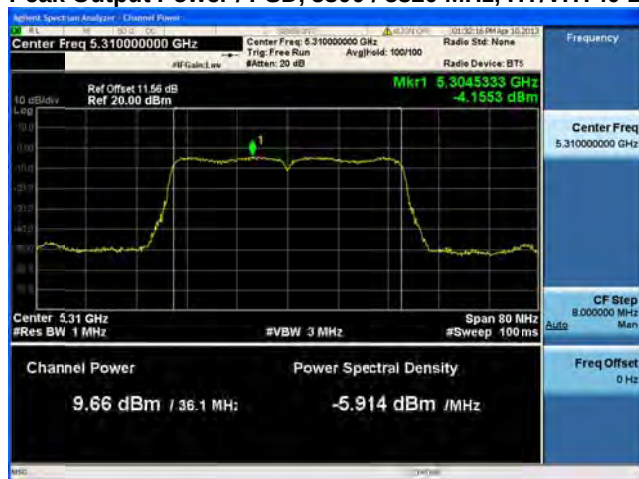
Antenna C



Antenna D

Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**

Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2



Antenna A



Antenna B

Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1



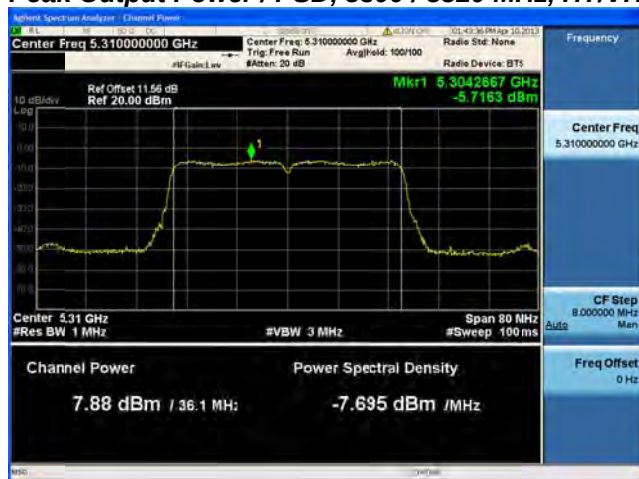
Antenna A



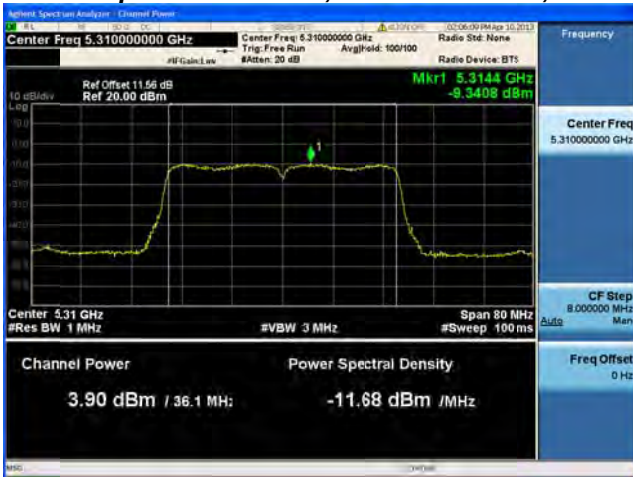
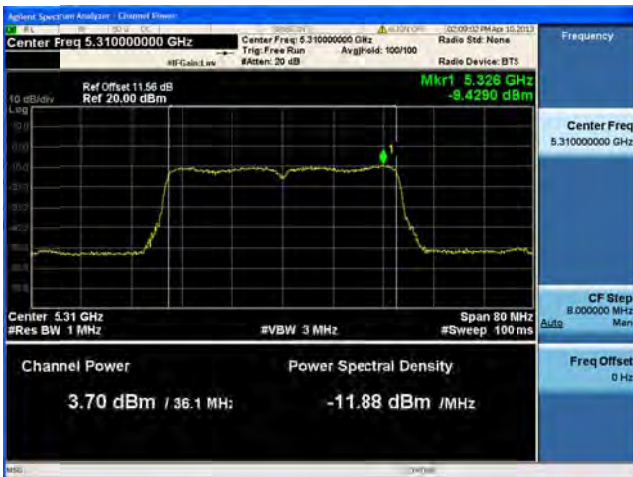
Antenna B



Antenna C

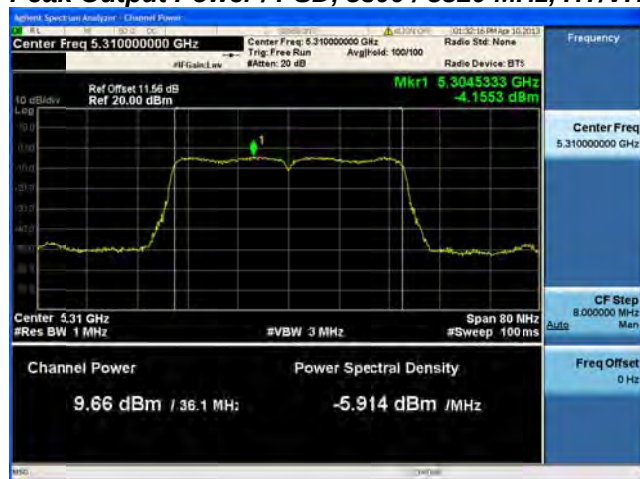
**Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

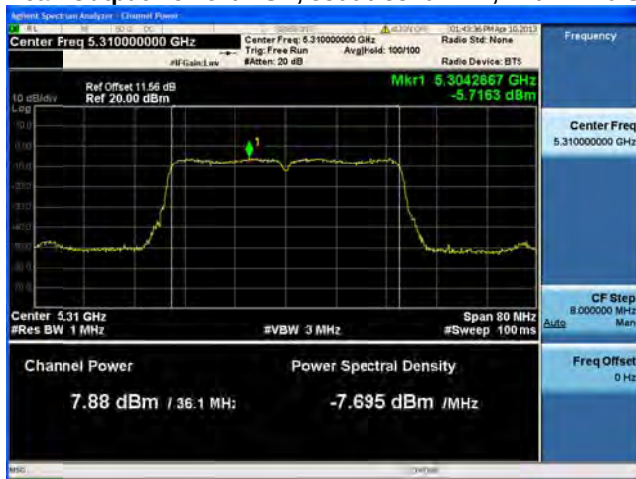
**Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

**Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

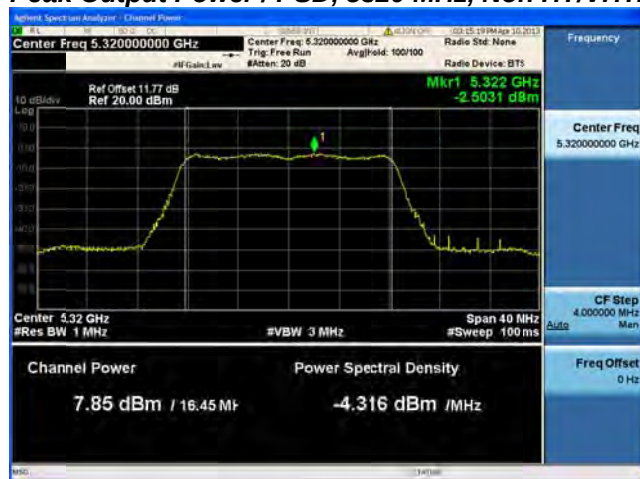
**Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**

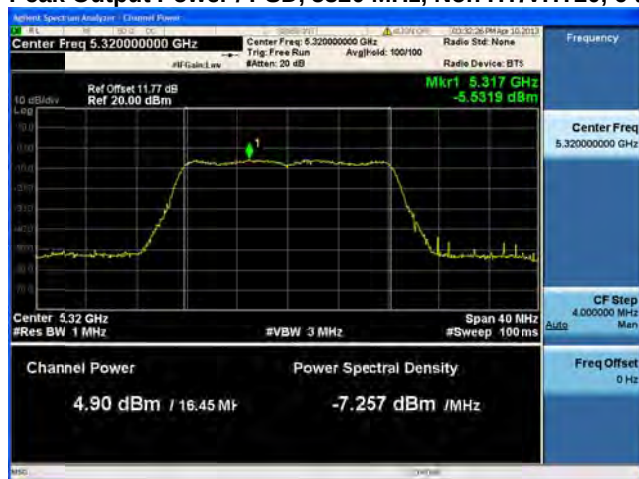
**Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5300 / 5320 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5320 MHz, Non HT/VHT20, 6 to 54 Mbps**Antenna A**

Peak Output Power / PSD, 5320 MHz, Non HT/VHT20, 6 to 54 Mbps**Antenna A****Antenna B**

Peak Output Power / PSD, 5320 MHz, Non HT/VHT20, 6 to 54 Mbps



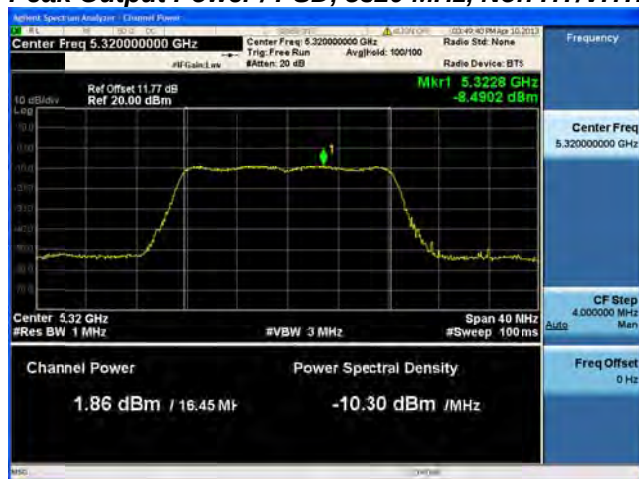
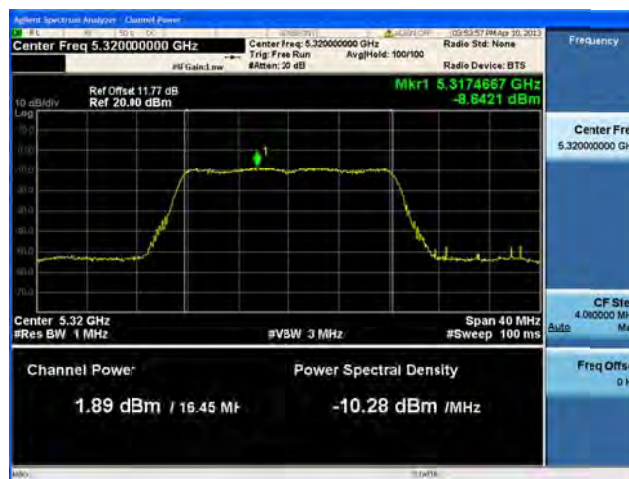
Antenna A

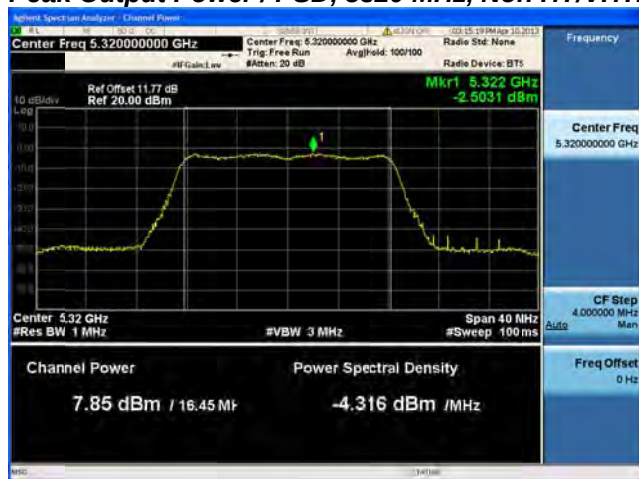


Antenna B



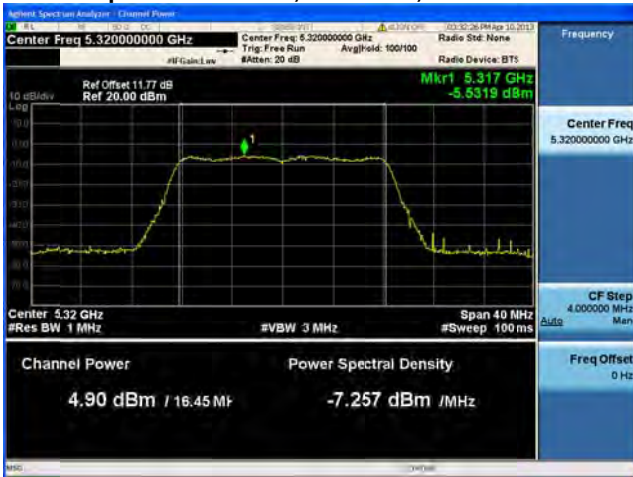
Antenna C

Peak Output Power / PSD, 5320 MHz, Non HT/VHT20, 6 to 54 Mbps**Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5320 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps**Antenna A****Antenna B**



Peak Output Power / PSD, 5320 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps



Antenna A



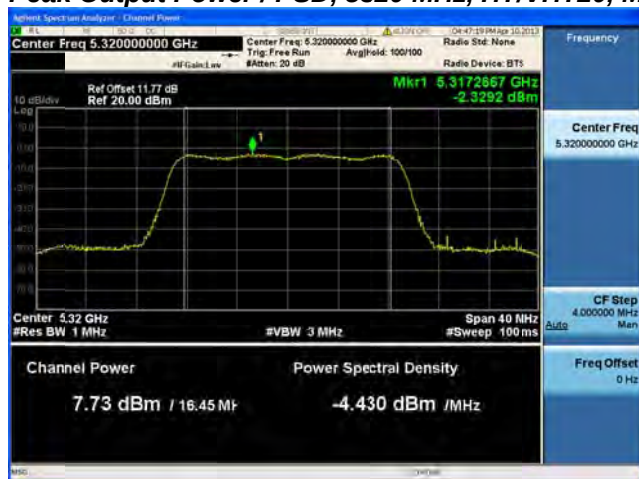
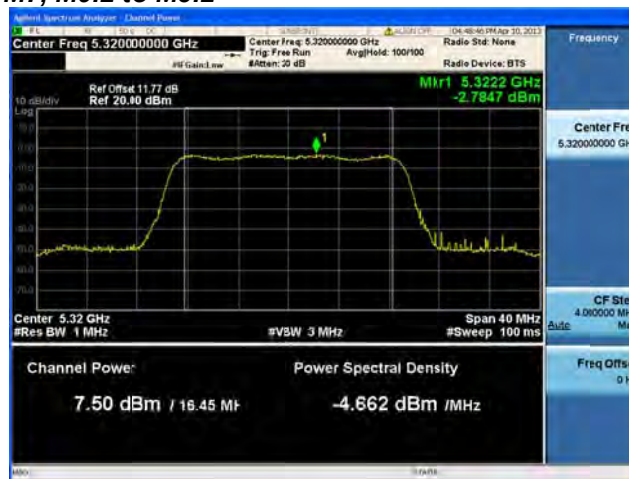
Antenna B



Antenna C

**Peak Output Power / PSD, 5320 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5320 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1**Antenna A**

Peak Output Power / PSD, 5320 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**

Peak Output Power / PSD, 5320 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



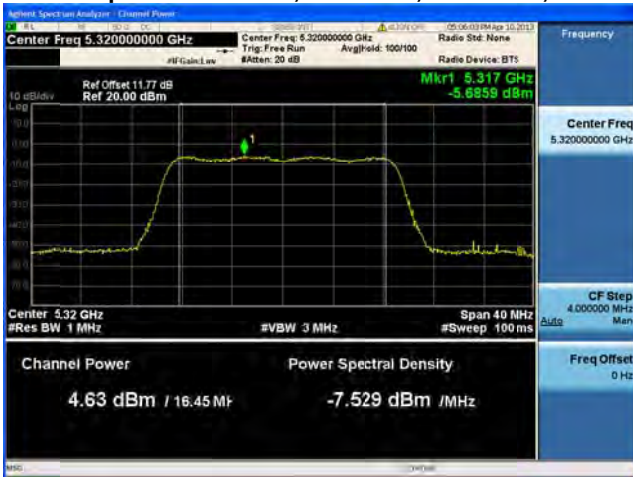
Antenna A



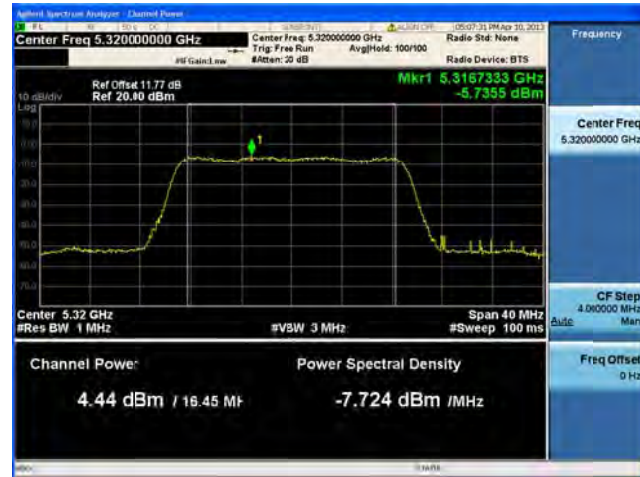
Antenna B



Peak Output Power / PSD, 5320 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



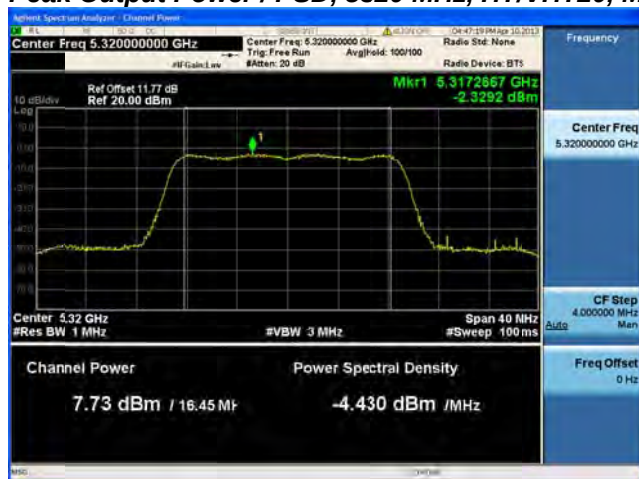
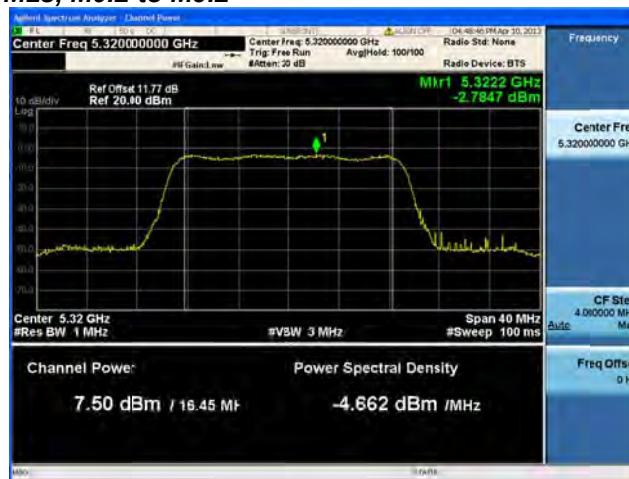
Antenna A

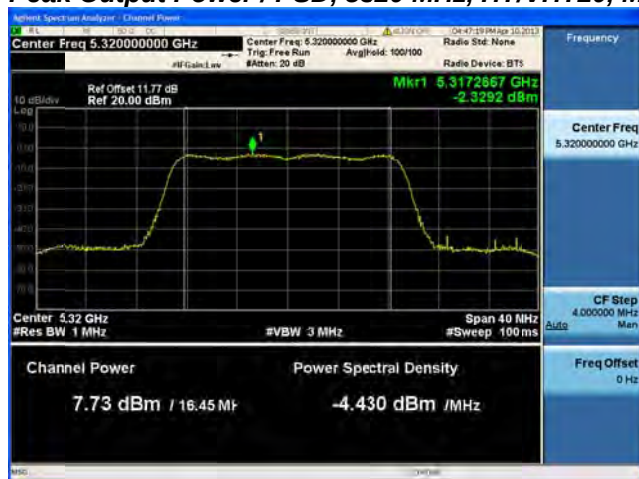
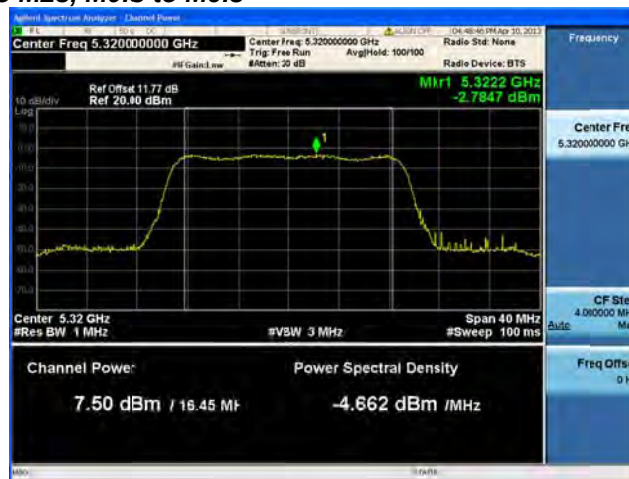


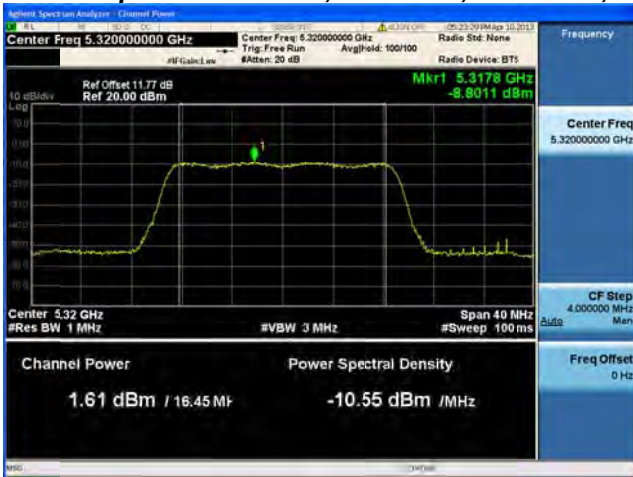
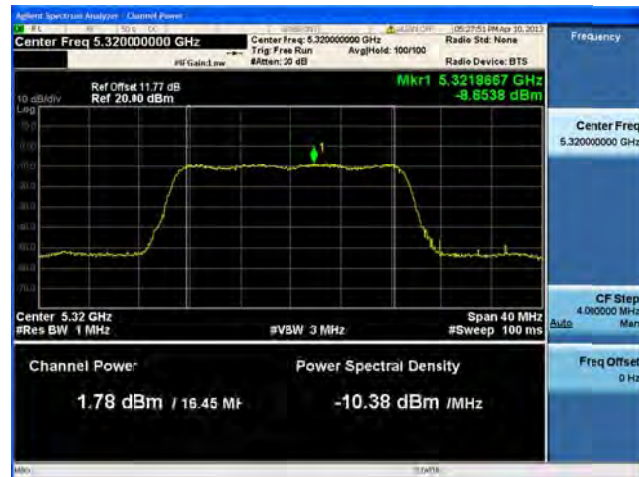
Antenna B

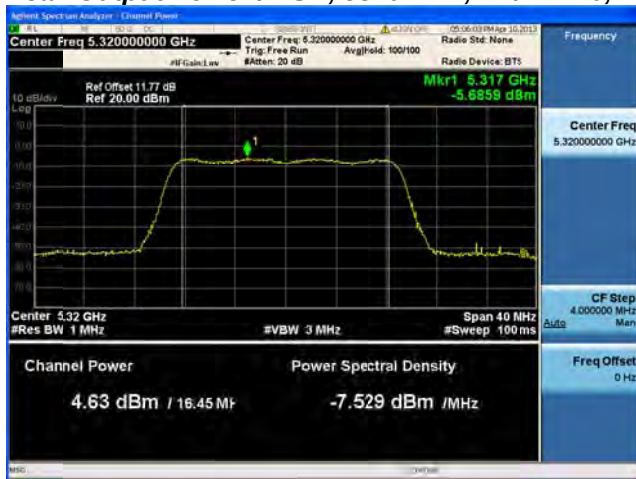


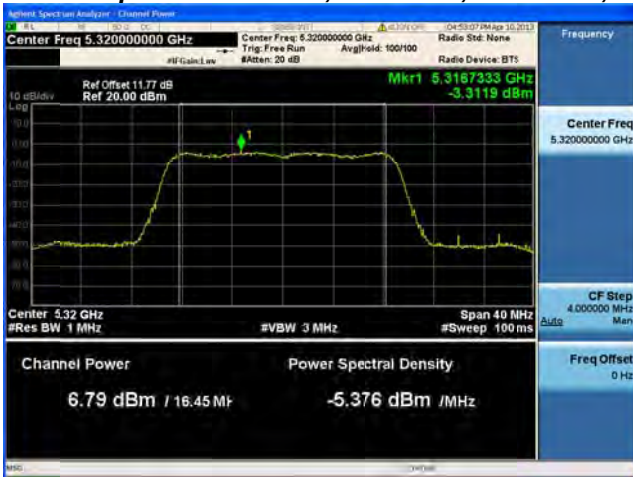
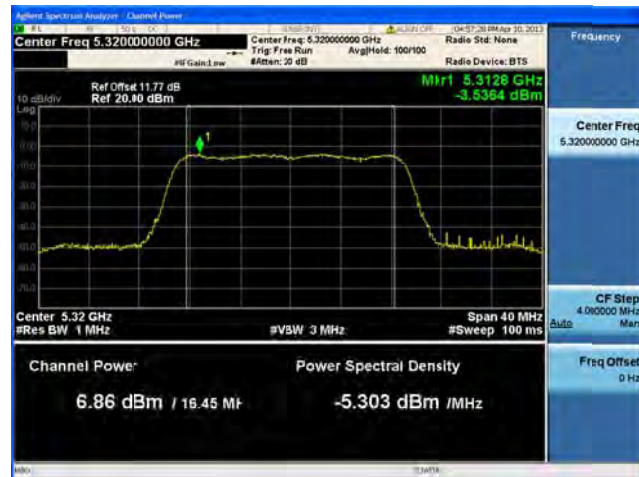
Antenna C

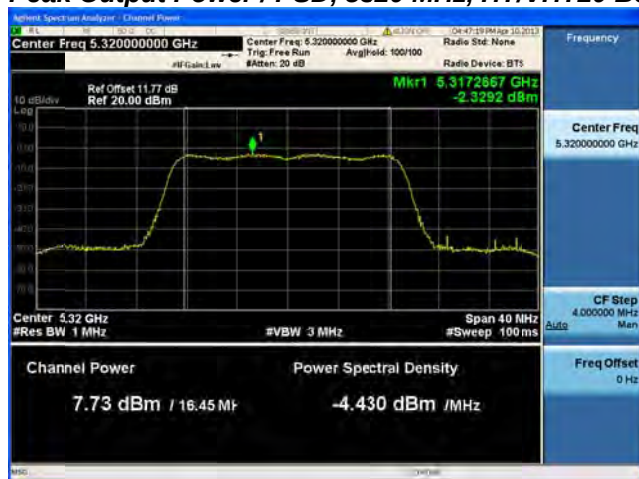
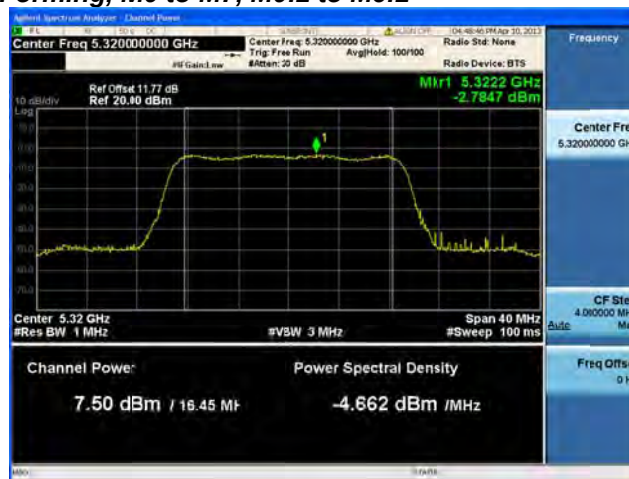
Peak Output Power / PSD, 5320 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2**Antenna A****Antenna B****Antenna C**

Peak Output Power / PSD, 5320 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3**Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5320 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5320 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2**Antenna A****Antenna B****Antenna C****Antenna D**

**Peak Output Power / PSD, 5320 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

Peak Output Power / PSD, 5320 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**

Peak Output Power / PSD, 5320 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2



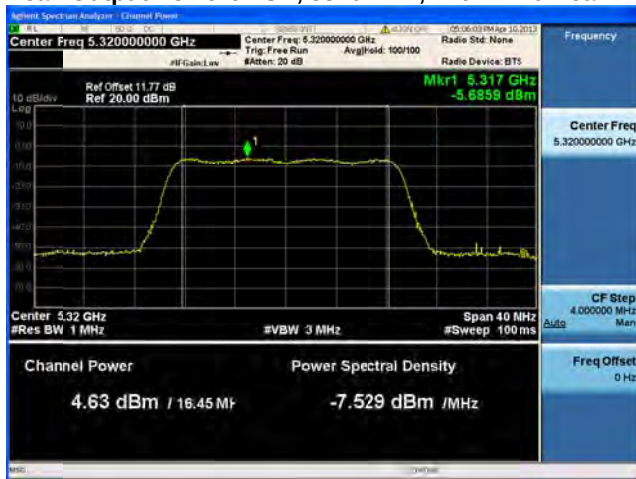
Antenna A



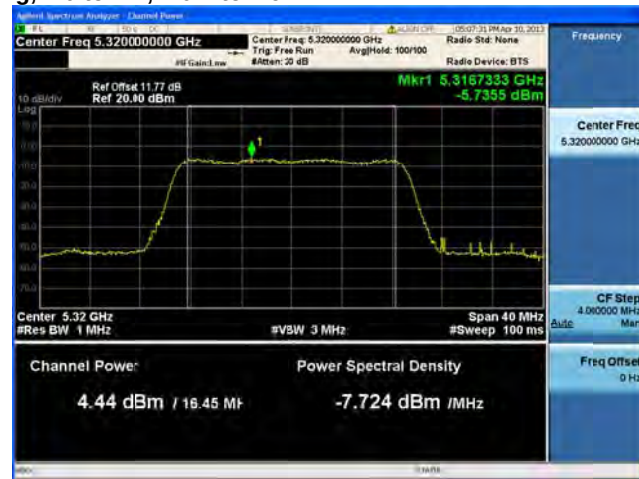
Antenna B



Peak Output Power / PSD, 5320 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1



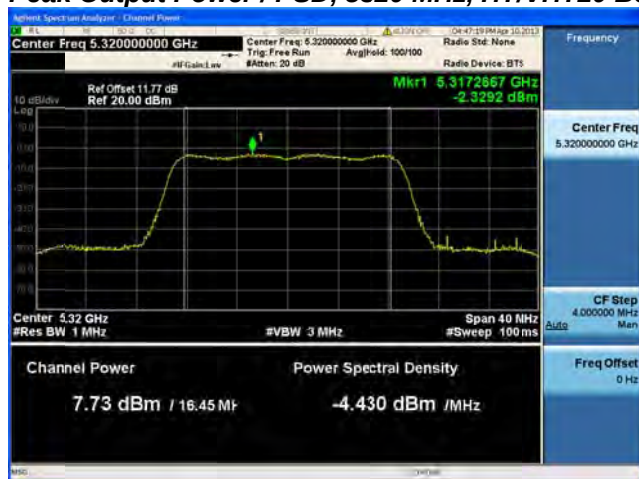
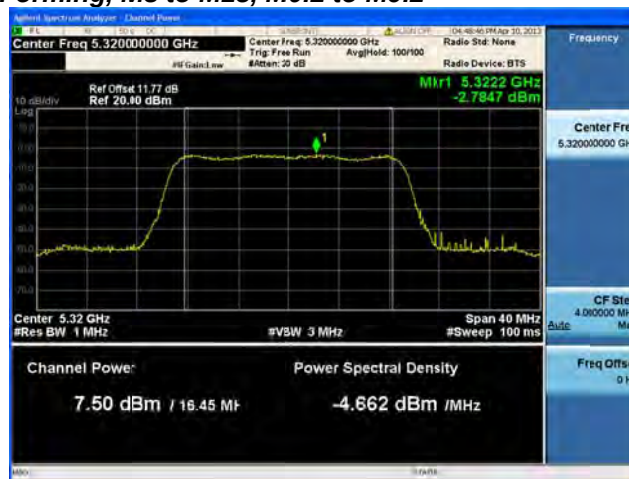
Antenna A

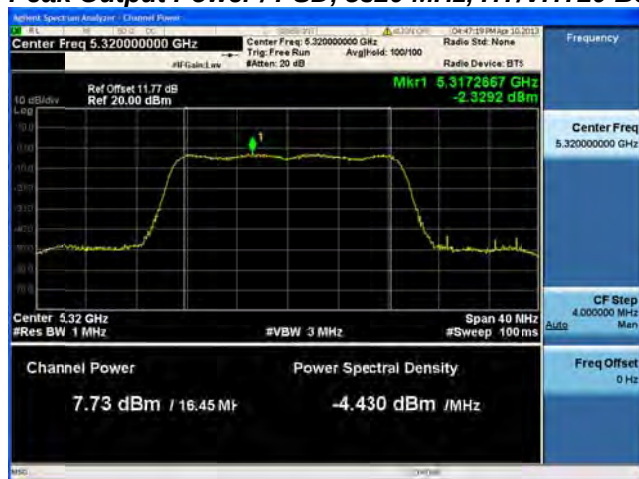
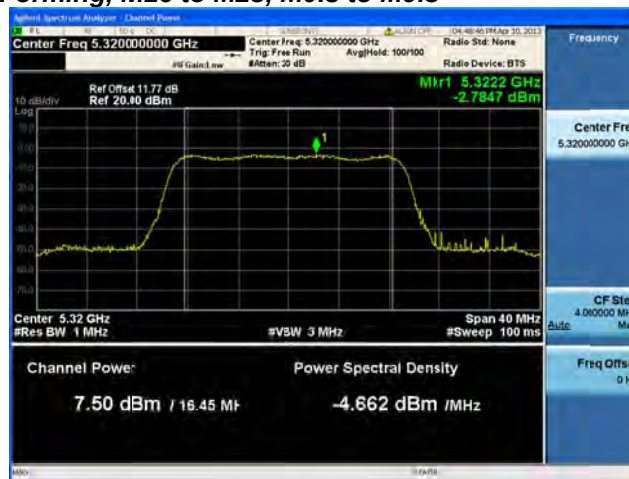


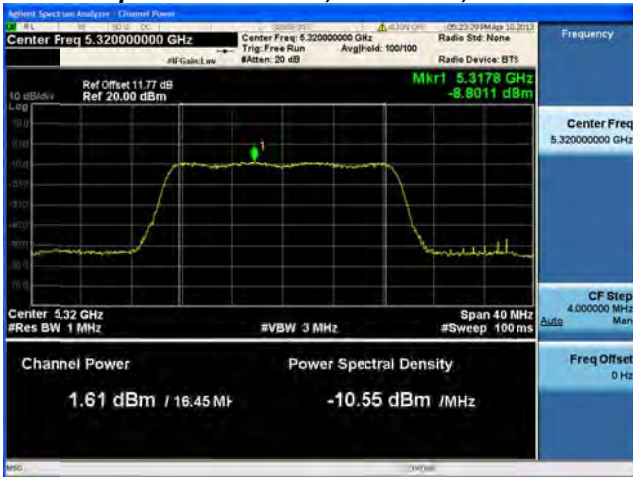
Antenna B

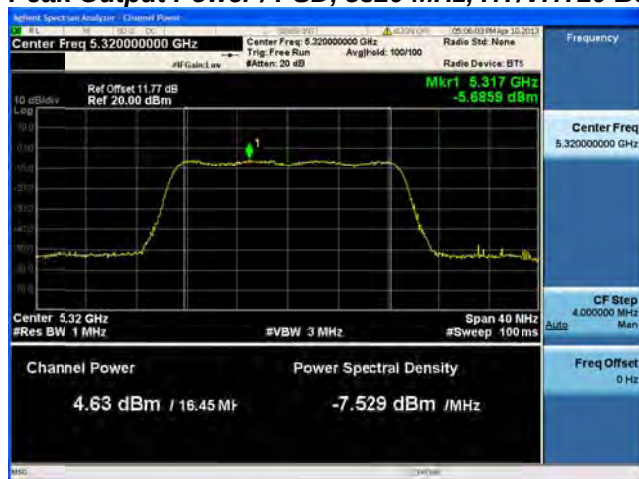
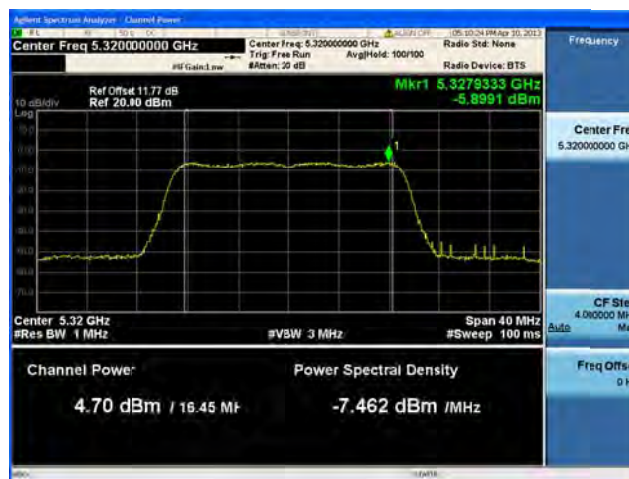


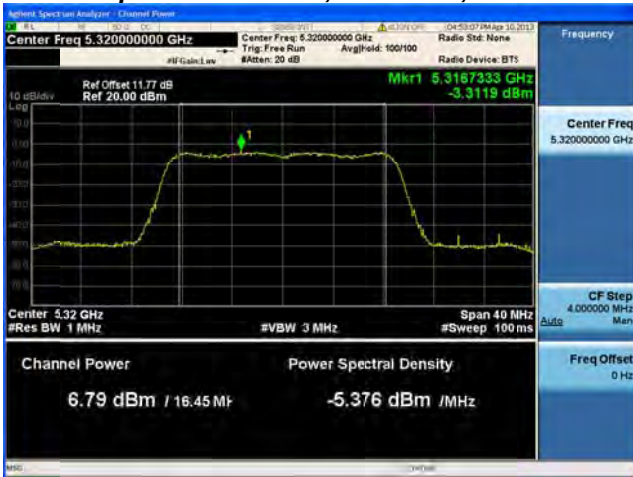
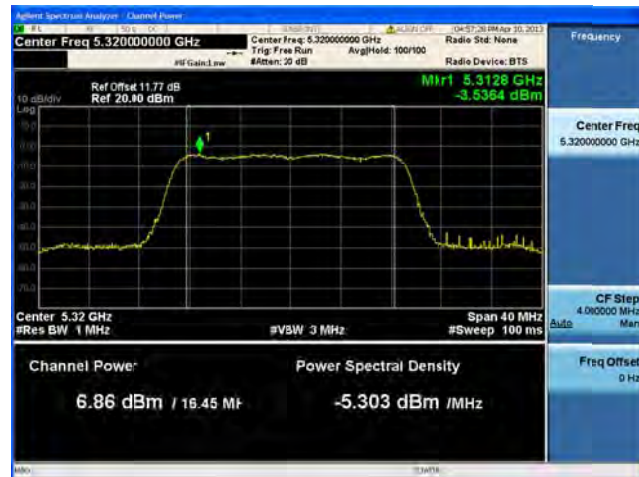
Antenna C

**Peak Output Power / PSD, 5320 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

Peak Output Power / PSD, 5320 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3**Antenna A****Antenna B****Antenna C**

**Peak Output Power / PSD, 5320 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

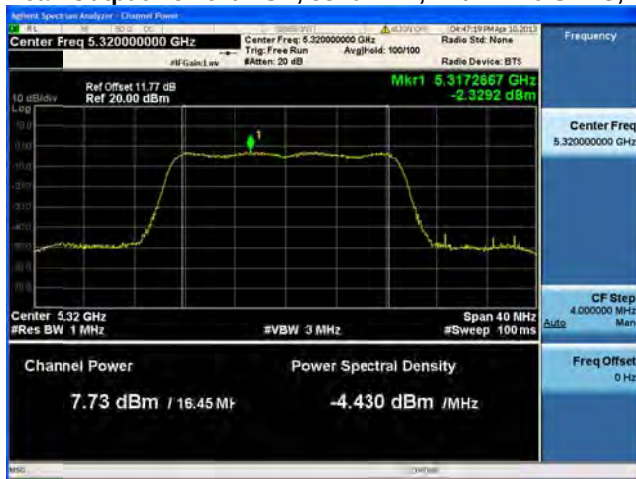
Peak Output Power / PSD, 5320 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2**Antenna A****Antenna B****Antenna C****Antenna D**

**Peak Output Power / PSD, 5320 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

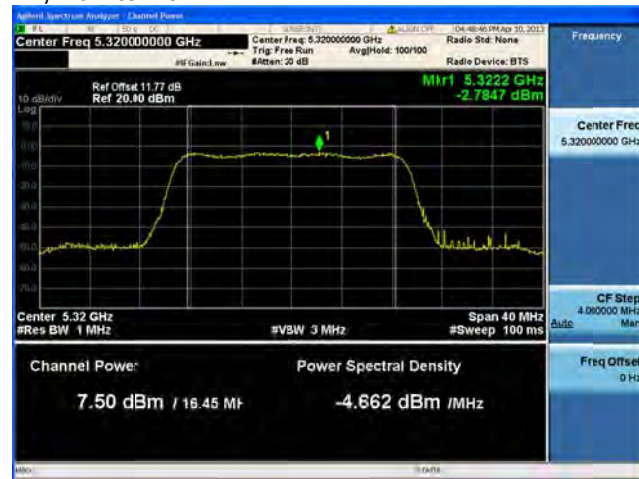
Peak Output Power / PSD, 5320 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**



Peak Output Power / PSD, 5320 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1



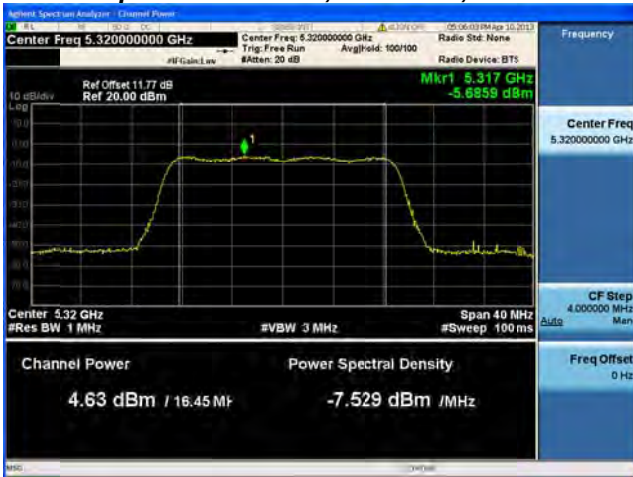
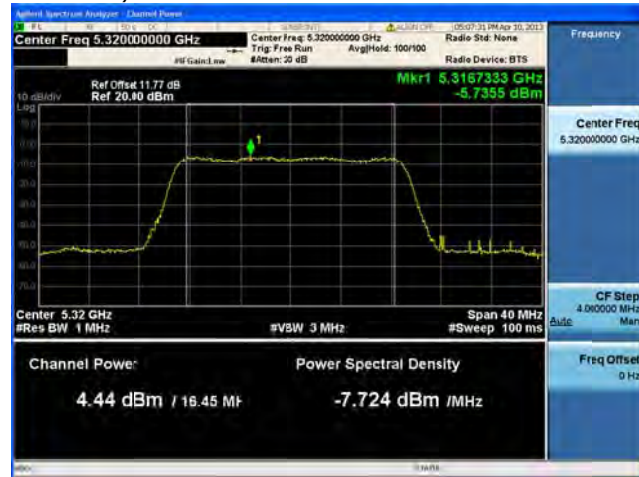
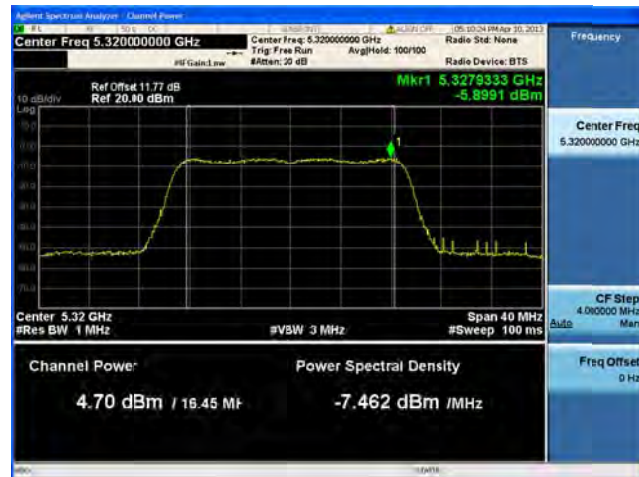
Antenna A



Antenna B



Antenna C

**Peak Output Power / PSD, 5320 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1****Antenna A****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.

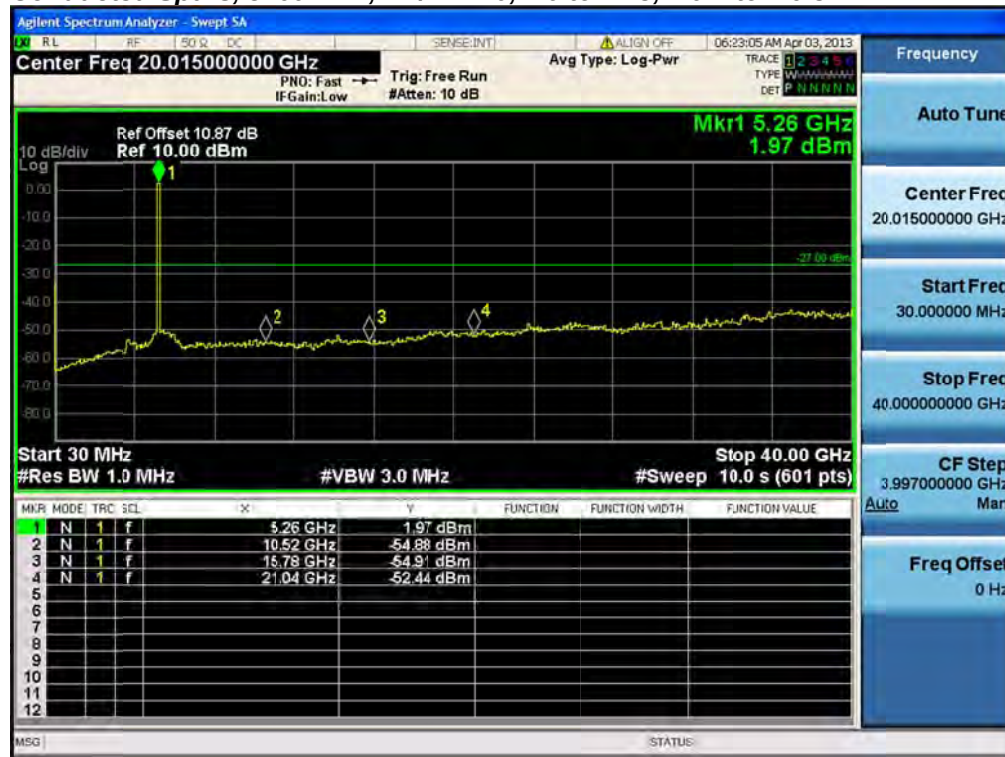
Connect the antenna port(s) to the spectrum analyzer input. Place the radio in continuous transmit mode. Configure the spectrum analyzer as shown below (be sure to enter all losses between the transmitter output and the spectrum analyzer).

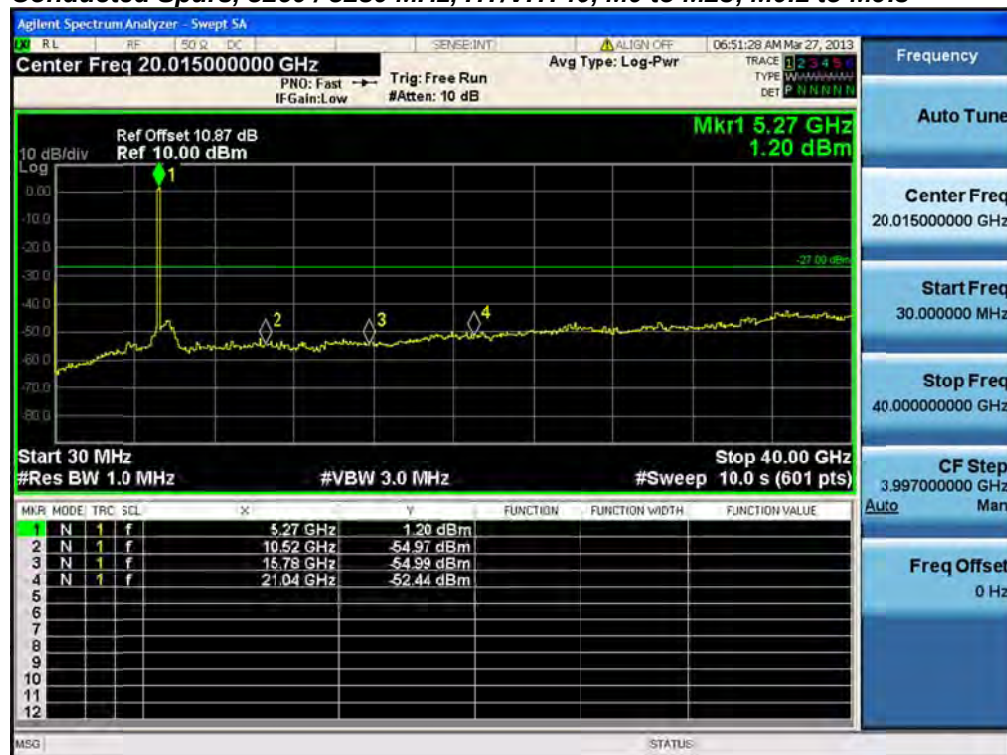
Span:	30 MHz-40 GHz
Reference Level:	20 dBm
Attenuation:	10 dB
Sweep Time:	10 s
Resolution Bandwidth:	1 MHz
Video Bandwidth:	3 MHz
Detector:	Peak
Trace:	Single
Marker:	Peak

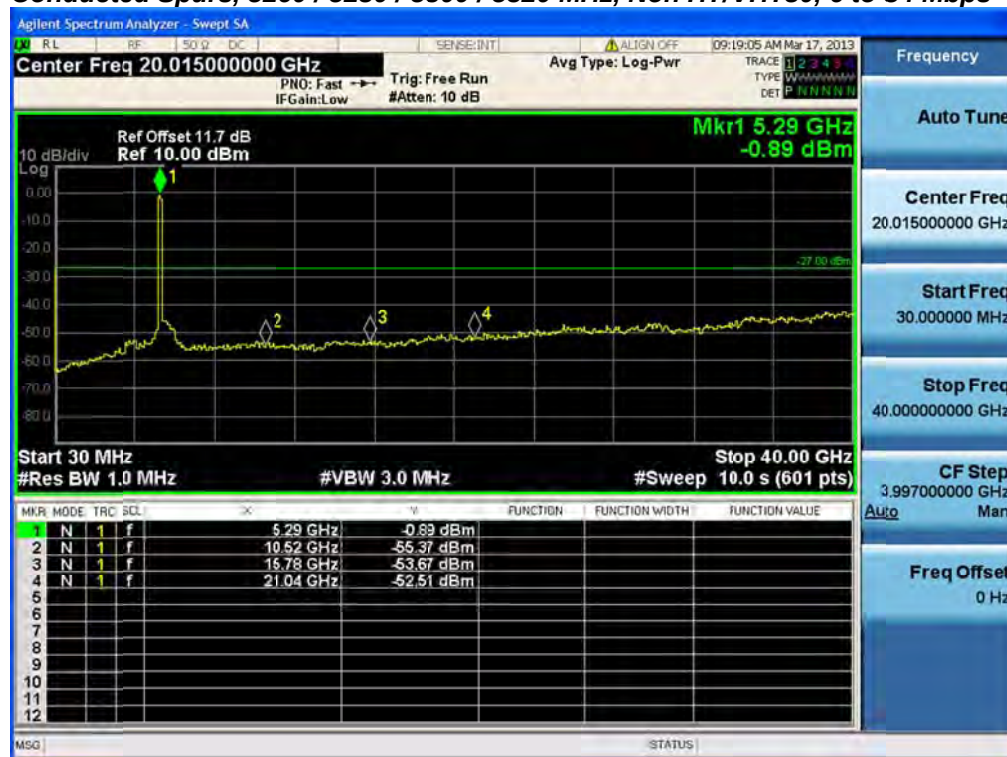
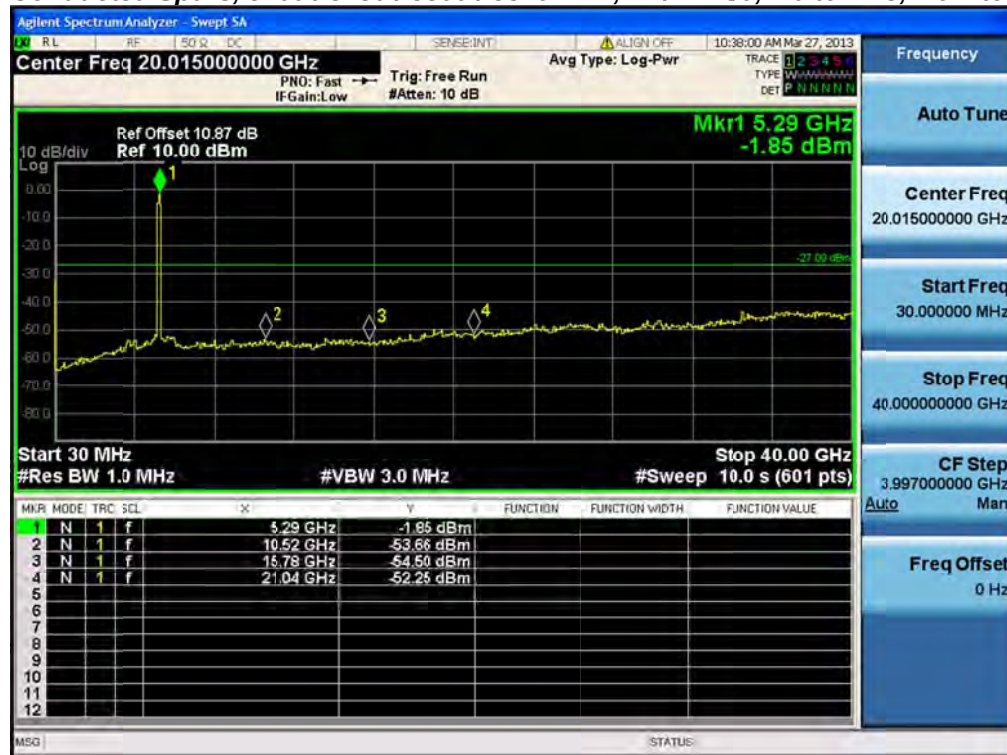
Record the marker waveform peak to spur difference

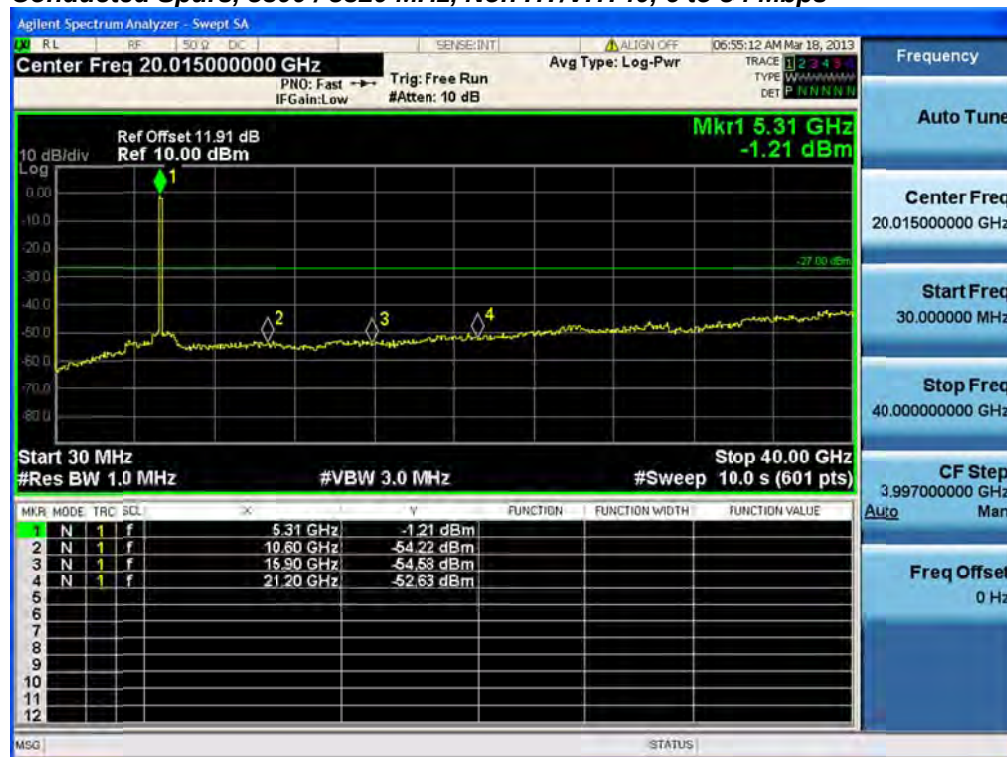
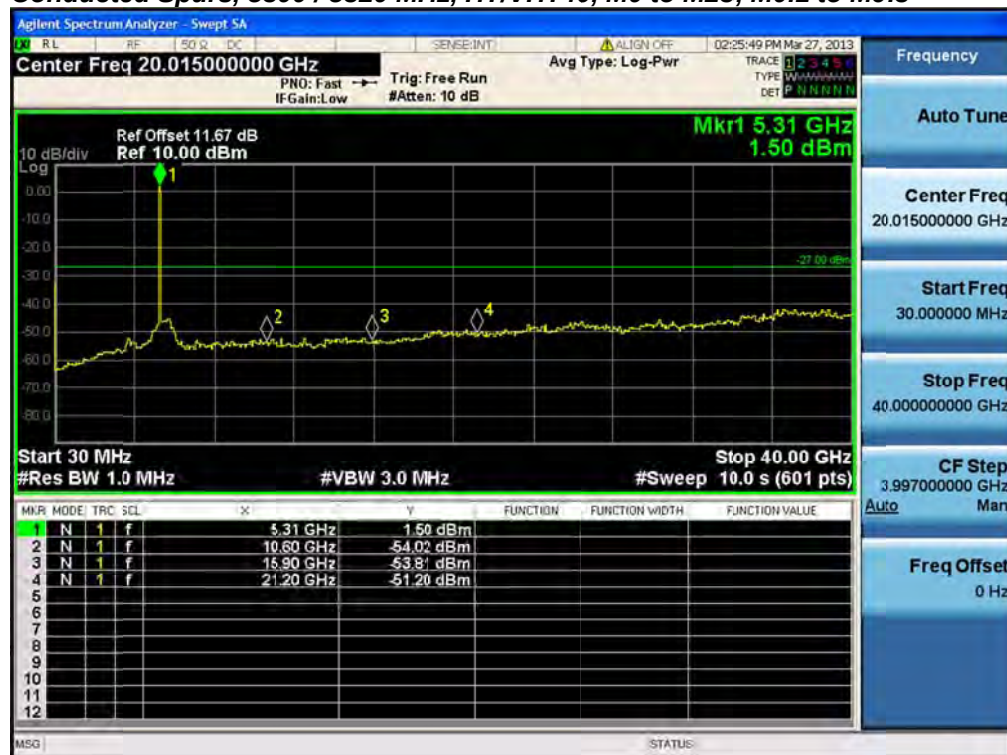


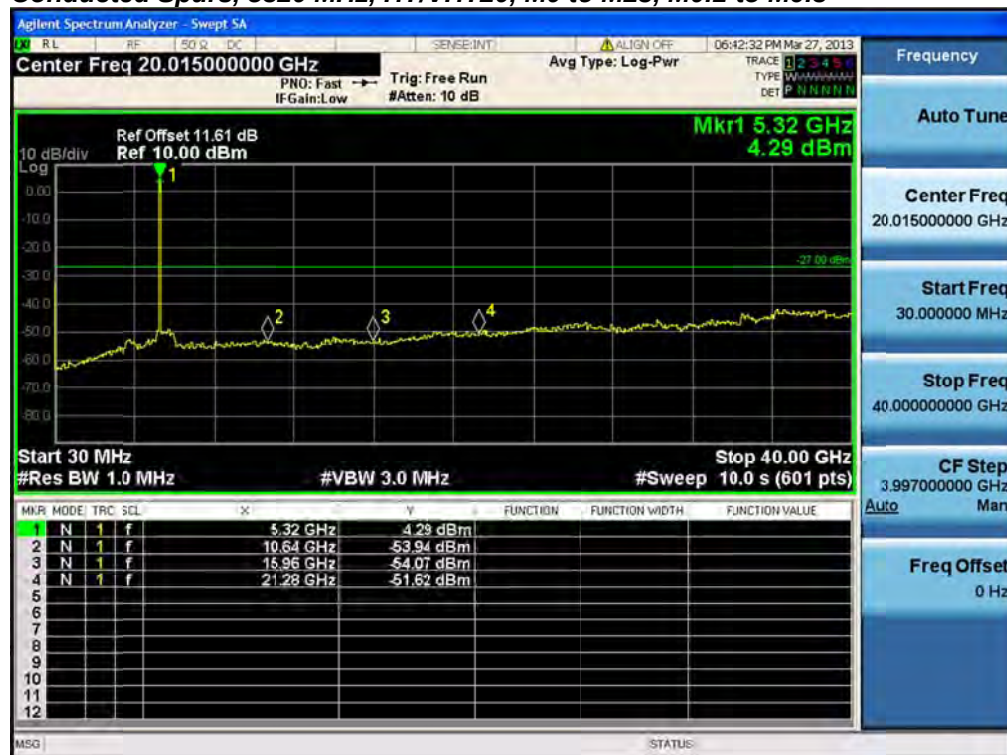
Frequency (MHz)	Mode	Data Rate (Mbps)	Conducted Spurs Delta (MHz)	Limit (kHz)	Margin (MHz)
5260	Non HT/VHT20, 6 to 54 Mbps	2	16	<u>-52.8</u>	-33.8
	HT/VHT20, M0 to M23, M0.1 to M9.3	3	13	<u>-52.4</u>	-34.6
5260/5280	Non HT/VHT40, 6 to 54 Mbps	1	13	<u>-52.8</u>	-39.8
	HT/VHT40, M0 to M23, M0.1 to M9.3	4	13	<u>-52.4</u>	-33.4
5260/5280 5300/5320	Non HT/VHT80, 6 to 54 Mbps	1	13	<u>-52.5</u>	-39.5
	HT/VHT80, M0 to M23, M0.1 to M9.3	4	13	<u>-52.3</u>	-33.3
5300/5320	Non HT/VHT40, 6 to 54 Mbps	1	13	<u>-52.6</u>	-39.6
	HT/VHT40, M0 to M23, M0.1 to M9.3	4	13	<u>-51.2</u>	-32.2
5320	Non HT/VHT20, 6 to 54 Mbps	2	16	<u>-52.1</u>	-33.1
	HT/VHT20, M0 to M23, M0.1 to M9.3	4	13	<u>-51.6</u>	-32.6

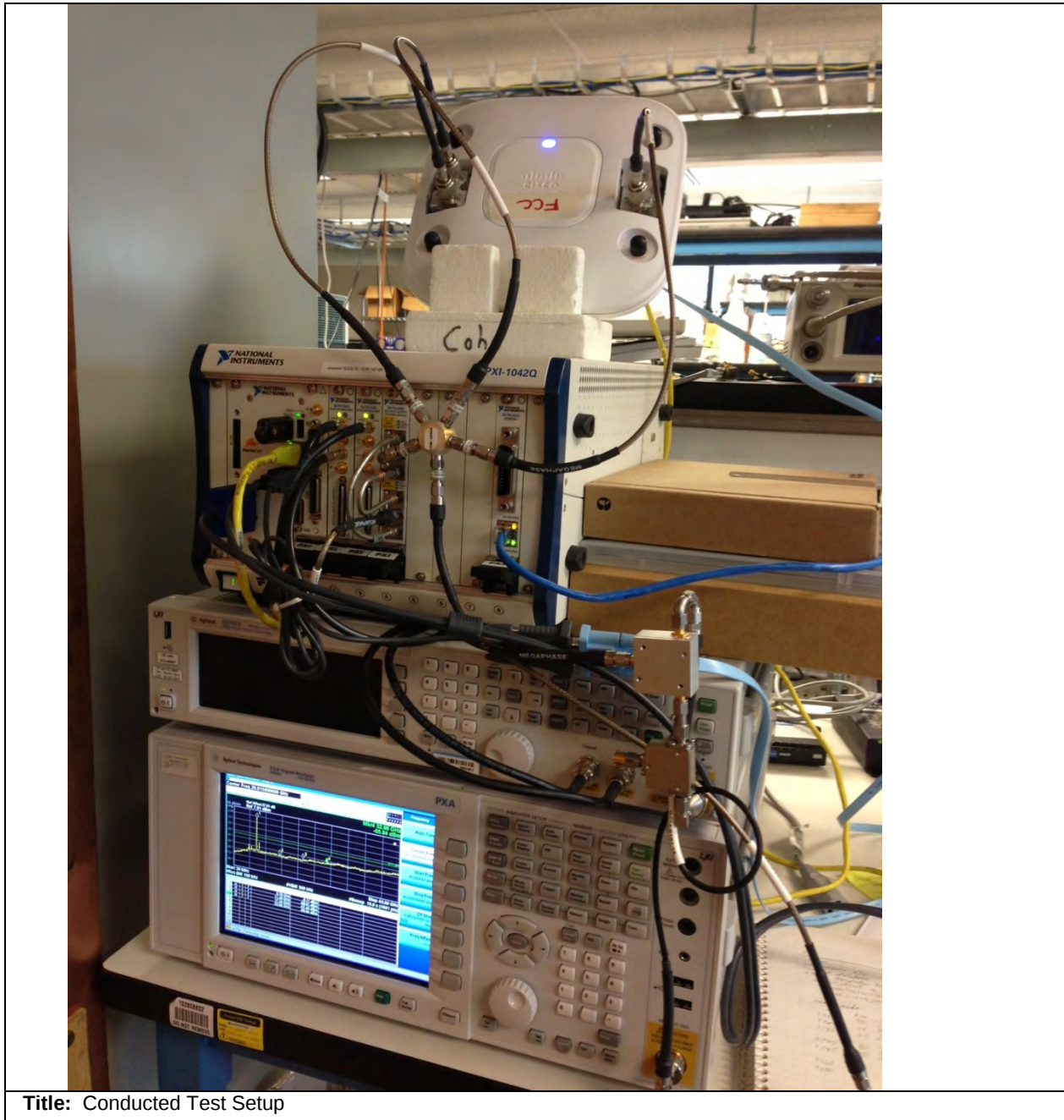
**Conducted Spurs, 5260 MHz, Non HT/VHT20, 6 to 54 Mbps****Conducted Spurs, 5260 MHz, HT/VHT20, M0 to M23, M0.1 to M9.3**

Conducted Spurs, 5260 / 5280 MHz, Non HT/VHT40, 6 to 54 Mbps**Conducted Spurs, 5260 / 5280 MHz, HT/VHT40, M0 to M23, M0.1 to M9.3**

**Conducted Spurs, 5260 / 5280 / 5300 / 5320 MHz, Non HT/VHT80, 6 to 54 Mbps****Conducted Spurs, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M0 to M23, M0.1 to M9.3**

**Conducted Spurs, 5300 / 5320 MHz, Non HT/VHT40, 6 to 54 Mbps****Conducted Spurs, 5300 / 5320 MHz, HT/VHT40, M0 to M23, M0.1 to M9.3**

**Conducted Spurs, 5320 MHz, Non HT/VHT20, 6 to 54 Mbps****Conducted Spurs, 5320 MHz, HT/VHT20, M0 to M23, M0.1 to M9.3**





Conducted Bandedge

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)).

Use the procedures in 718828 D01 DTS Meas Guidance v01 to substitute conducted measurements in place of radiated measurements.

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:	1 MHz for peak, 100 Hz for average
Detector:	Peak

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



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)
5260/5280/5300/5320	Non HT/VHT80, 6 to 54 Mbps	1	13	-62.9				-49.9	-41.25	8.7
	Non HT/VHT80, 6 to 54 Mbps	2	13	-66.7	-61.6			-47.4	-41.25	6.2
	Non HT/VHT80, 6 to 54 Mbps	3	13	-68.2	-64.1	-59.7		-44.9	-41.25	3.7
	Non HT/VHT80, 6 to 54 Mbps	4	13	-68.9	-64.9	-60.9	-65.2	-45.0	-41.25	3.8
	HT/VHT80, M0 to M7, M0.1 to M9.1	1	13	-60.2				-47.2	-41.25	6.0
	HT/VHT80, M0 to M7, M0.1 to M9.1	2	13	-61.1	-58.1			-43.3	-41.25	2.1
	HT/VHT80, M8 to M15, M0.2 to M9.2	2	13	-61.1	-58.1			-43.3	-41.25	2.1
	HT/VHT80, M0 to M7, M0.1 to M9.1	3	13	-65.9	-63.0	-68.8		-47.5	-41.25	6.3
	HT/VHT80, M8 to M15, M0.2 to M9.2	3	13	-65.9	-63.0	-68.8		-47.5	-41.25	6.3
	HT/VHT80, M16 to M23, M0.3 to M9.3	3	13	-65.9	-63.0	-68.8		-47.5	-41.25	6.3
	HT/VHT80, M0 to M7, M0.1 to M9.1	4	13	-67.7	-64.9	-70.2	-68.9	-48.4	-41.25	7.2
	HT/VHT80, M8 to M15, M0.2 to M9.2	4	13	-67.7	-64.9	-70.2	-68.9	-48.4	-41.25	7.2
	HT/VHT80, M16 to M23, M0.3 to M9.3	4	13	-67.7	-64.9	-70.2	-68.9	-48.4	-41.25	7.2
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	2	13	-61.1	-58.1			-43.3	-41.25	2.1
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	-61.1	-58.1			-43.3	-41.25	2.1
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	3	16	-63.7	-59.6	-72.2		-42.0	-41.25	0.8
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	3	13	-65.9	-63.0	-68.8		-47.5	-41.25	6.3
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	-65.9	-63.0	-68.8		-47.5	-41.25	6.3
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	4	16	-67.0	-62.7	-72.6	-70.3	-44.5	-41.25	3.3
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	4	13	-67.7	-64.9	-70.2	-68.9	-48.4	-41.25	7.2
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	4	13	-67.7	-64.9	-70.2	-68.9	-48.4	-41.25	7.2
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	2	13	-61.1	-58.1			-43.3	-41.25	2.1
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	3	13	-65.9	-63.0	-68.8		-47.5	-41.25	6.3
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	4	13	-67.7	-64.9	-70.2	-68.9	-48.4	-41.25	7.2



5300/5320	Non HT/VHT40, 6 to 54 Mbps	1	13	<u>-57.4</u>				-44.4	-41.25	3.2
	Non HT/VHT40, 6 to 54 Mbps	2	13	<u>-63.7</u>	<u>-66.0</u>			-48.7	-41.25	7.4
	Non HT/VHT40, 6 to 54 Mbps	3	13	<u>-64.3</u>	<u>-66.6</u>	<u>-66.6</u>		-47.9	-41.25	6.7
	Non HT/VHT40, 6 to 54 Mbps	4	13	<u>-64.6</u>	<u>-68.5</u>	<u>-70.1</u>	<u>-66.2</u>	-47.8	-41.25	6.6
	HT/VHT40, M0 to M7, M0.1 to M9.1	1	13	<u>-57.9</u>				-44.9	-41.25	3.7
	HT/VHT40, M0 to M7, M0.1 to M9.1	2	13	<u>-63.7</u>	<u>-63.4</u>			-47.5	-41.25	6.3
	HT/VHT40, M8 to M15, M0.2 to M9.2	2	13	<u>-63.7</u>	<u>-63.4</u>			-47.5	-41.25	6.3
	HT/VHT40, M0 to M7, M0.1 to M9.1	3	13	<u>-64.0</u>	<u>-64.1</u>	<u>-66.7</u>		-47.0	-41.25	5.7
	HT/VHT40, M8 to M15, M0.2 to M9.2	3	13	<u>-64.0</u>	<u>-64.1</u>	<u>-66.7</u>		-47.0	-41.25	5.7
	HT/VHT40, M16 to M23, M0.3 to M9.3	3	13	<u>-64.0</u>	<u>-64.1</u>	<u>-66.7</u>		-47.0	-41.25	5.7
	HT/VHT40, M0 to M7, M0.1 to M9.1	4	13	<u>-69.5</u>	<u>-69.8</u>	<u>-67.2</u>	<u>-68.3</u>	-49.6	-41.25	8.3
	HT/VHT40, M8 to M15, M0.2 to M9.2	4	13	<u>-64.1</u>	<u>-64.6</u>	<u>-66.9</u>	<u>-66.3</u>	-46.3	-41.25	5.1
	HT/VHT40, M16 to M23, M0.3 to M9.3	4	13	<u>-64.1</u>	<u>-64.6</u>	<u>-66.9</u>	<u>-66.3</u>	-46.3	-41.25	5.1
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	2	13	<u>-63.7</u>	<u>-63.4</u>			-47.5	-41.25	6.3
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>-63.7</u>	<u>-63.4</u>			-47.5	-41.25	6.3
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	3	16	<u>-69.5</u>	<u>-69.8</u>	<u>-67.2</u>		-47.9	-41.25	6.6
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	3	13	<u>-64.0</u>	<u>-64.1</u>	<u>-66.7</u>		-47.0	-41.25	5.7
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>-64.0</u>	<u>-64.1</u>	<u>-66.7</u>		-47.0	-41.25	5.7
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	4	16	<u>-69.6</u>	<u>-69.9</u>	<u>-68.9</u>	<u>-71.6</u>	-47.9	-41.25	6.6
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	4	13	<u>-64.1</u>	<u>-64.6</u>	<u>-66.9</u>	<u>-66.3</u>	-46.3	-41.25	5.1
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	4	13	<u>-64.1</u>	<u>-64.6</u>	<u>-66.9</u>	<u>-66.3</u>	-46.3	-41.25	5.1
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>-63.7</u>	<u>-63.4</u>			-47.5	-41.25	6.3
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	3	13	<u>-64.0</u>	<u>-64.1</u>	<u>-66.7</u>		-47.0	-41.25	5.7
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	4	13	<u>-64.1</u>	<u>-64.6</u>	<u>-66.9</u>	<u>-66.3</u>	-46.3	-41.25	5.1
5320	Non HT/VHT20, 6 to 54 Mbps	1	13	<u>-66.7</u>				-53.7	-41.25	12.5
	Non HT/VHT20, 6 to 54 Mbps	2	13	<u>-71.7</u>	<u>-71.3</u>			-55.5	-41.25	14.2
	Non HT/VHT20, 6 to 54 Mbps	3	13	<u>-75.0</u>	<u>-74.7</u>	<u>-74.0</u>		-56.8	-41.25	15.5
	Non HT/VHT20, 6 to 54 Mbps	4	13	<u>-75.8</u>	<u>-75.3</u>	<u>-76.1</u>	<u>-76.0</u>	-56.8	-41.25	15.5
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	2	13	<u>-71.7</u>	<u>-71.3</u>			-55.5	-41.25	14.2
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	3	16	<u>-75.0</u>	<u>-74.7</u>	<u>-74.0</u>		-53.8	-41.25	12.5
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	4	16	<u>-75.8</u>	<u>-75.3</u>	<u>-76.1</u>	<u>-76.0</u>	-53.8	-41.25	12.5
	HT/VHT20, M0 to M7, M0.1 to M9.1	1	13	<u>-67.5</u>				-54.5	-41.25	13.3
	HT/VHT20, M0 to M7, M0.1 to M9.1	2	13	<u>-71.5</u>	<u>-70.4</u>			-54.9	-41.25	13.7
	HT/VHT20, M8 to M15, M0.2 to M9.2	2	13	<u>-70.8</u>	<u>-69.4</u>			-54.0	-41.25	12.8
	HT/VHT20, M0 to M7, M0.1 to M9.1	3	13	<u>-75.2</u>	<u>-74.3</u>	<u>-74.4</u>		-56.8	-41.25	15.6
	HT/VHT20, M8 to M15, M0.2 to M9.2	3	13	<u>-71.5</u>	<u>-70.4</u>	<u>-73.6</u>		-53.9	-41.25	12.6
	HT/VHT20, M16 to M23, M0.3 to M9.3	3	13	<u>-71.5</u>	<u>-70.4</u>	<u>-73.6</u>		-53.9	-41.25	12.6
	HT/VHT20, M0 to M7, M0.1 to M9.1	4	13	<u>-75.9</u>	<u>-75.2</u>	<u>-76.7</u>	<u>-76.7</u>	-57.1	-41.25	15.8
	HT/VHT20, M8 to M15, M0.2 to M9.2	4	13	<u>-75.2</u>	<u>-74.3</u>	<u>-74.4</u>	<u>-74.2</u>	-55.5	-41.25	14.2
	HT/VHT20, M16 to M23, M0.3 to M9.3	4	13	<u>-71.9</u>	<u>-70.7</u>	<u>-74.0</u>	<u>-72.9</u>	-53.2	-41.25	11.9



HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	2	13	<u>-71.5</u>	<u>-70.4</u>			-54.9	-41.25	13.7
HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>-70.8</u>	<u>-69.4</u>			-54.0	-41.25	12.8
HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	3	16	<u>-75.2</u>	<u>-74.3</u>	<u>-74.4</u>		-53.8	-41.25	12.6
HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	3	13	<u>-71.5</u>	<u>-70.4</u>	<u>-73.6</u>		-53.9	-41.25	12.6
HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>-71.5</u>	<u>-70.4</u>	<u>-73.6</u>		-53.9	-41.25	12.6
HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	4	16	<u>-75.9</u>	<u>-75.2</u>	<u>-76.7</u>	<u>-76.7</u>	-54.1	-41.25	12.8
HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	4	13	<u>-75.2</u>	<u>-74.3</u>	<u>-74.4</u>	<u>-74.2</u>	-55.5	-41.25	14.2
HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	4	13	<u>-71.9</u>	<u>-70.7</u>	<u>-74.0</u>	<u>-72.9</u>	-53.2	-41.25	11.9
HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>-70.8</u>	<u>-69.4</u>			-54.0	-41.25	12.8
HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	3	13	<u>-71.5</u>	<u>-70.4</u>	<u>-73.6</u>		-53.9	-41.25	12.6
HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	4	13	<u>-75.2</u>	<u>-74.3</u>	<u>-74.4</u>	<u>-74.2</u>	-55.5	-41.25	14.2



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)
5260/5280/5300/5320	Non HT/VHT80, 6 to 54 Mbps	1	13	-50.9				-37.9	-21.25	16.7
	Non HT/VHT80, 6 to 54 Mbps	2	13	-56.8	-53.4			-38.8	-21.25	17.5
	Non HT/VHT80, 6 to 54 Mbps	3	13	-58.5	-55.2	-50.7		-35.9	-21.25	14.6
	Non HT/VHT80, 6 to 54 Mbps	4	13	-60.9	-52.2	-55.4	-56.8	-36.3	-21.25	15.0
	HT/VHT80, M0 to M7, M0.1 to M9.1	1	13	-47.5				-34.5	-21.25	13.3
	HT/VHT80, M0 to M7, M0.1 to M9.1	2	13	-47.6	-44.4			-29.7	-21.25	8.5
	HT/VHT80, M8 to M15, M0.2 to M9.2	2	13	-47.6	-44.4			-29.7	-21.25	8.5
	HT/VHT80, M0 to M7, M0.1 to M9.1	3	13	-51.8	-50.1	-55.1		-34.1	-21.25	12.9
	HT/VHT80, M8 to M15, M0.2 to M9.2	3	13	-51.8	-50.1	-55.1		-34.1	-21.25	12.9
	HT/VHT80, M16 to M23, M0.3 to M9.3	3	13	-51.8	-50.1	-55.1		-34.1	-21.25	12.9
	HT/VHT80, M0 to M7, M0.1 to M9.1	4	13	-51.3	-50.6	-56.2	-54.1	-33.5	-21.25	12.2
	HT/VHT80, M8 to M15, M0.2 to M9.2	4	13	-51.3	-50.6	-56.2	-54.1	-33.5	-21.25	12.2
	HT/VHT80, M16 to M23, M0.3 to M9.3	4	13	-51.3	-50.6	-56.2	-54.1	-33.5	-21.25	12.2
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	2	13	-47.6	-44.4			-29.7	-21.25	8.5
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	-47.6	-44.4			-29.7	-21.25	8.5
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	3	16	-49.6	-47.0	-57.2		-28.8	-21.25	7.6
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	3	13	-51.8	-50.1	-55.1		-34.1	-21.25	12.9
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	-51.8	-50.1	-55.1		-34.1	-21.25	12.9
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	4	16	-54.2	-53.1	-57.8	-56.0	-32.9	-21.25	11.7
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	4	13	-51.3	-50.6	-56.2	-54.1	-33.5	-21.25	12.2
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	4	13	-51.3	-50.6	-56.2	-54.1	-33.5	-21.25	12.2
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	2	13	-47.6	-44.4			-29.7	-21.25	8.5
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	3	13	-51.8	-50.1	-55.1		-34.1	-21.25	12.9
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	4	13	-51.3	-50.6	-56.2	-54.1	-33.5	-21.25	12.2

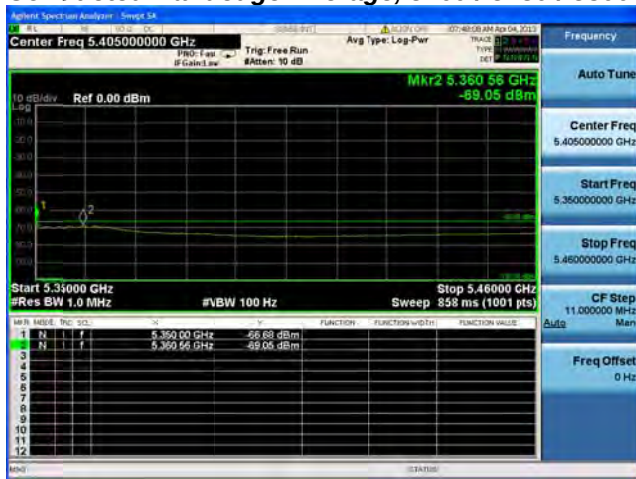


5300/5320	Non HT/VHT40, 6 to 54 Mbps	1	13	<u>-39.2</u>				-26.2	-21.25	5.0
	Non HT/VHT40, 6 to 54 Mbps	2	13	<u>-55.0</u>	<u>-56.6</u>			-39.7	-21.25	18.5
	Non HT/VHT40, 6 to 54 Mbps	3	13	<u>-56.9</u>	<u>-59.1</u>	<u>-59.0</u>		-40.4	-21.25	19.2
	Non HT/VHT40, 6 to 54 Mbps	4	13	<u>-56.7</u>	<u>-60.6</u>	<u>-63.4</u>	<u>-58.7</u>	-40.2	-21.25	18.9
	HT/VHT40, M0 to M7, M0.1 to M9.1	1	13	<u>-46.2</u>				-33.2	-21.25	12.0
	HT/VHT40, M0 to M7, M0.1 to M9.1	2	13	<u>-54.9</u>	<u>-55.3</u>			-39.1	-21.25	17.8
	HT/VHT40, M8 to M15, M0.2 to M9.2	2	13	<u>-54.9</u>	<u>-55.3</u>			-39.1	-21.25	17.8
	HT/VHT40, M0 to M7, M0.1 to M9.1	3	13	<u>-56.4</u>	<u>-55.6</u>	<u>-58.2</u>		-38.8	-21.25	17.6
	HT/VHT40, M8 to M15, M0.2 to M9.2	3	13	<u>-56.4</u>	<u>-55.6</u>	<u>-58.2</u>		-38.8	-21.25	17.6
	HT/VHT40, M16 to M23, M0.3 to M9.3	3	13	<u>-56.4</u>	<u>-55.6</u>	<u>-58.2</u>		-38.8	-21.25	17.6
	HT/VHT40, M0 to M7, M0.1 to M9.1	4	13	<u>-56.3</u>	<u>-60.2</u>	<u>-58.0</u>	<u>-58.7</u>	-39.1	-21.25	17.8
	HT/VHT40, M8 to M15, M0.2 to M9.2	4	13	<u>-53.8</u>	<u>-55.1</u>	<u>-56.8</u>	<u>-55.4</u>	-36.1	-21.25	14.9
	HT/VHT40, M16 to M23, M0.3 to M9.3	4	13	<u>-53.8</u>	<u>-55.1</u>	<u>-56.8</u>	<u>-55.4</u>	-36.1	-21.25	14.9
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	2	13	<u>-54.9</u>	<u>-55.3</u>			-39.1	-21.25	17.8
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>-54.9</u>	<u>-55.3</u>			-39.1	-21.25	17.8
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	3	16	<u>-54.4</u>	<u>-60.2</u>	<u>-58.0</u>		-36.1	-21.25	14.8
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	3	13	<u>-56.4</u>	<u>-55.6</u>	<u>-58.2</u>		-38.8	-21.25	17.6
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>-56.4</u>	<u>-55.6</u>	<u>-58.2</u>		-38.8	-21.25	17.6
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	4	16	<u>-61.1</u>	<u>-61.4</u>	<u>-59.1</u>	<u>-64.6</u>	-39.1	-21.25	17.9
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	4	13	<u>-53.8</u>	<u>-55.1</u>	<u>-56.8</u>	<u>-55.4</u>	-36.1	-21.25	14.9
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	4	13	<u>-53.8</u>	<u>-55.1</u>	<u>-56.8</u>	<u>-55.4</u>	-36.1	-21.25	14.9
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>-54.9</u>	<u>-55.3</u>			-39.1	-21.25	17.8
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	3	13	<u>-56.4</u>	<u>-55.6</u>	<u>-58.2</u>		-38.8	-21.25	17.6
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	4	13	<u>-53.8</u>	<u>-55.1</u>	<u>-56.8</u>	<u>-55.4</u>	-36.1	-21.25	14.9
5320	Non HT/VHT20, 6 to 54 Mbps	1	13	<u>-54.2</u>				-41.2	-21.25	20.0
	Non HT/VHT20, 6 to 54 Mbps	2	13	<u>-59.8</u>	<u>-60.2</u>			-44.0	-21.25	22.7
	Non HT/VHT20, 6 to 54 Mbps	3	13	<u>-63.5</u>	<u>-64.3</u>	<u>-63.9</u>		-46.1	-21.25	24.9
	Non HT/VHT20, 6 to 54 Mbps	4	13	<u>-68.0</u>	<u>-64.4</u>	<u>-66.0</u>	<u>-64.7</u>	-46.5	-21.25	25.3
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	2	13	<u>-59.8</u>	<u>-60.2</u>			-44.0	-21.25	22.7
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	3	16	<u>-63.5</u>	<u>-63.5</u>	<u>-63.9</u>		-42.9	-21.25	21.6
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	4	16	<u>-68.0</u>	<u>-64.4</u>	<u>-66.0</u>	<u>-64.7</u>	-43.5	-21.25	22.3
	HT/VHT20, M0 to M7, M0.1 to M9.1	1	13	<u>-54.9</u>				-41.9	-21.25	20.7
	HT/VHT20, M0 to M7, M0.1 to M9.1	2	13	<u>-63.0</u>	<u>-59.4</u>			-44.8	-21.25	23.6
	HT/VHT20, M8 to M15, M0.2 to M9.2	2	13	<u>-62.5</u>	<u>-61.4</u>			-45.9	-21.25	24.7
	HT/VHT20, M0 to M7, M0.1 to M9.1	3	13	<u>-64.0</u>	<u>-63.5</u>	<u>-63.0</u>		-45.7	-21.25	24.5
	HT/VHT20, M8 to M15, M0.2 to M9.2	3	13	<u>-63.0</u>	<u>-59.4</u>	<u>-62.3</u>		-43.5	-21.25	22.3
	HT/VHT20, M16 to M23, M0.3 to M9.3	3	13	<u>-63.0</u>	<u>-59.4</u>	<u>-62.3</u>		-43.5	-21.25	22.3
	HT/VHT20, M0 to M7, M0.1 to M9.1	4	13	<u>-64.0</u>	<u>-64.7</u>	<u>-69.5</u>	<u>-63.4</u>	-45.8	-21.25	24.6
	HT/VHT20, M8 to M15, M0.2 to M9.2	4	13	<u>-64.0</u>	<u>-63.5</u>	<u>-63.0</u>	<u>-60.6</u>	-43.5	-21.25	22.3
	HT/VHT20, M16 to M23, M0.3 to M9.3	4	13	<u>-59.9</u>	<u>-63.5</u>	<u>-62.4</u>	<u>-61.9</u>	-42.7	-21.25	21.5



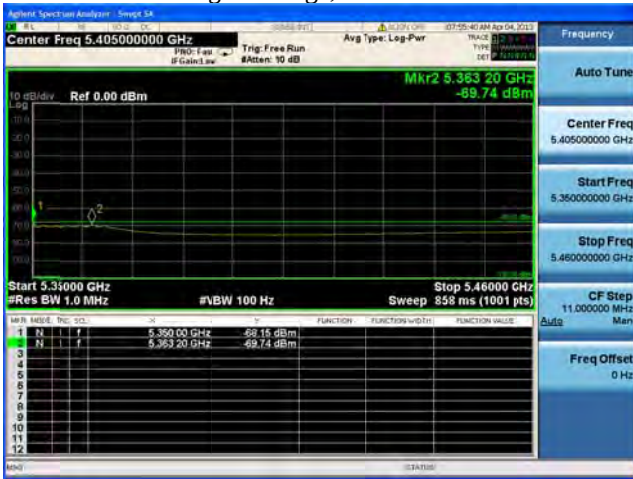
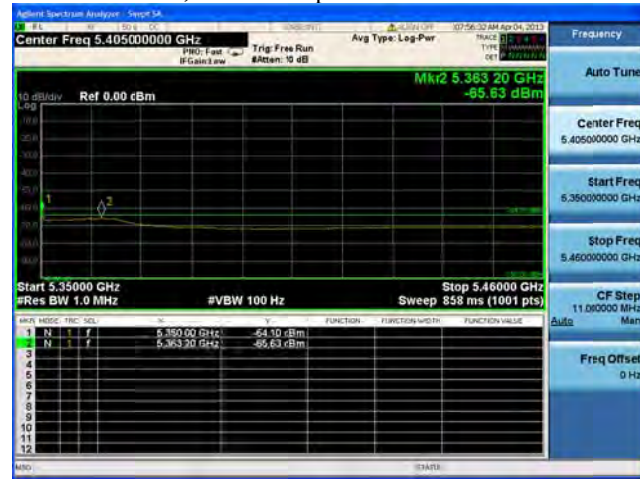
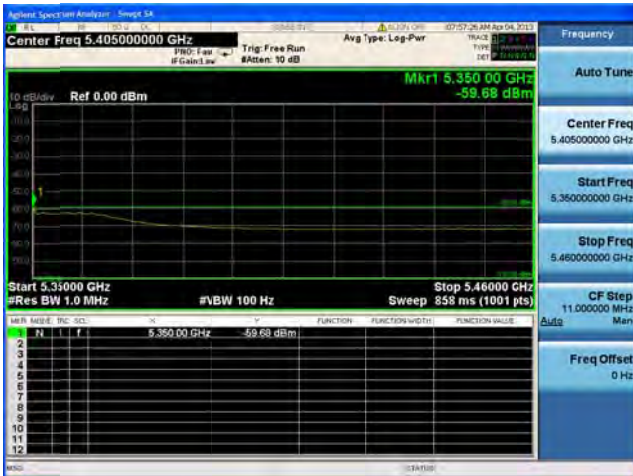
HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	2	13	<u>-63.0</u>	<u>-59.4</u>			-44.8	-21.25	23.6
HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	2	13	<u>-62.5</u>	<u>-61.4</u>			-45.9	-21.25	24.7
HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	3	16	<u>-64.0</u>	<u>-62.0</u>	<u>-63.0</u>		-42.2	-21.25	20.9
HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	3	13	<u>-63.0</u>	<u>-59.4</u>	<u>-62.3</u>		-43.5	-21.25	22.3
HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	3	13	<u>-63.0</u>	<u>-59.4</u>	<u>-62.3</u>		-43.5	-21.25	22.3
HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	4	16	<u>-63.8</u>	<u>-64.7</u>	<u>-69.5</u>	<u>-63.4</u>	-42.8	-21.25	21.5
HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	4	13	<u>-64.0</u>	<u>-63.5</u>	<u>-63.0</u>	<u>-60.6</u>	-43.5	-21.25	22.3
HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	4	13	<u>-59.9</u>	<u>-63.5</u>	<u>-62.4</u>	<u>-61.9</u>	-42.7	-21.25	21.5
HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	2	13	<u>-62.5</u>	<u>-61.4</u>			-45.9	-21.25	24.7
HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	3	13	<u>-63.0</u>	<u>-59.4</u>	<u>-62.3</u>		-43.5	-21.25	22.3
HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	4	13	<u>-64.0</u>	<u>-63.5</u>	<u>-63.0</u>	<u>-60.6</u>	-43.5	-21.25	22.3

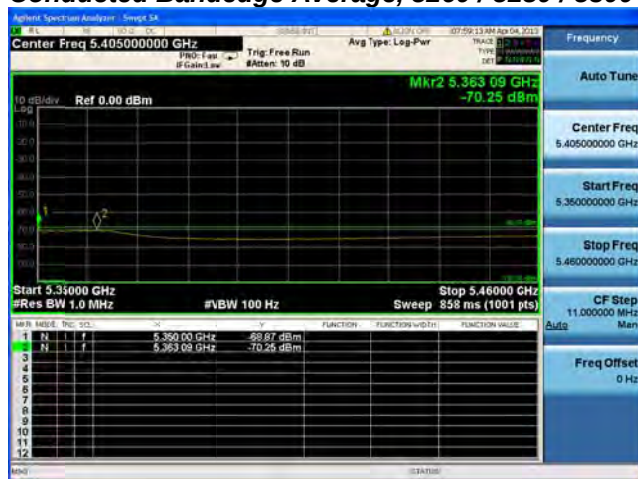
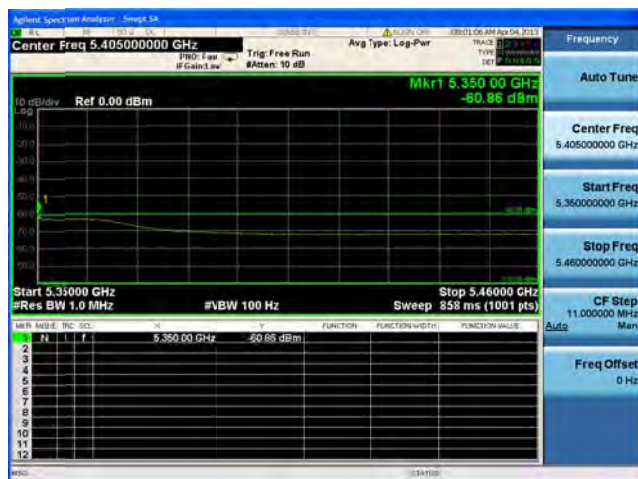
**Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, Non HT/VHT80, 6 to 54 Mbps****Antenna A**

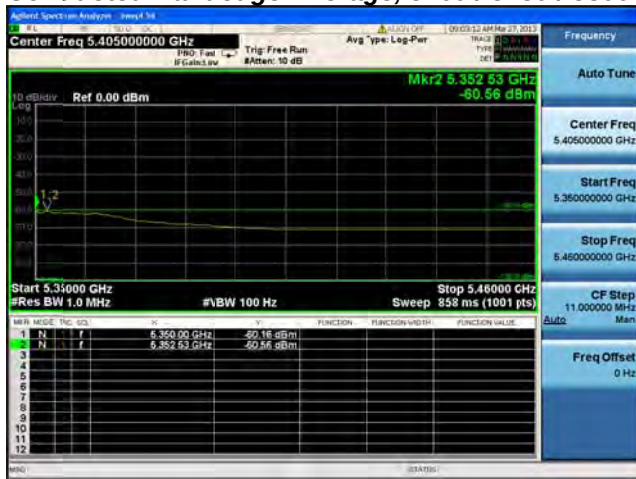
**Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, Non HT/VHT80, 6 to 54 Mbps****Antenna A****Antenna B**

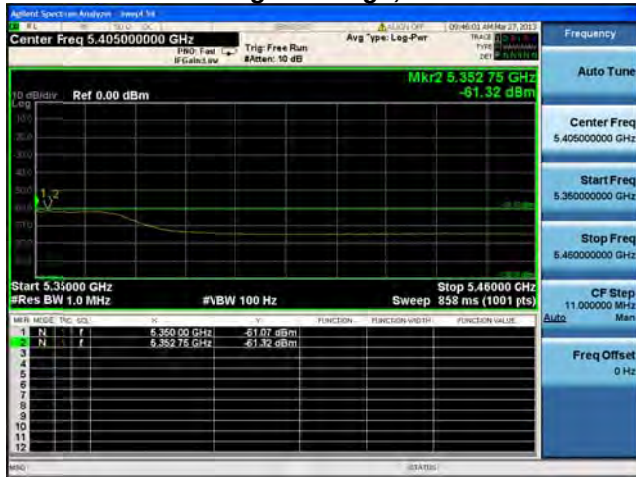
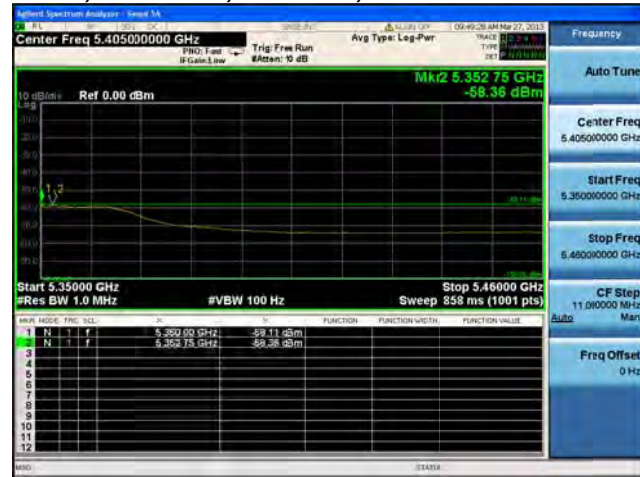


Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, Non HT/VHT80, 6 to 54 Mbps

**Antenna A****Antenna B****Antenna C**

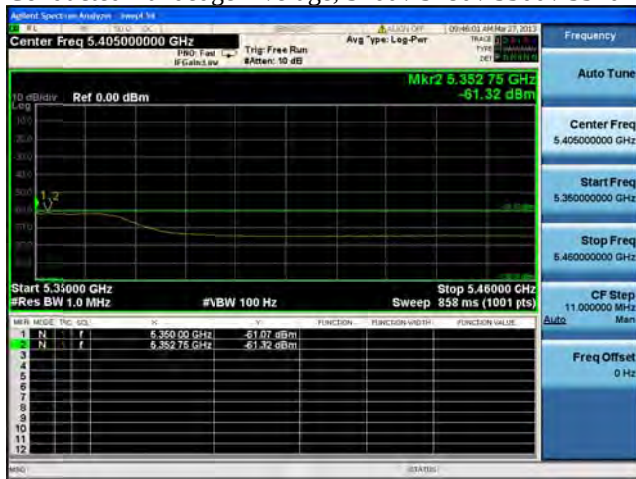
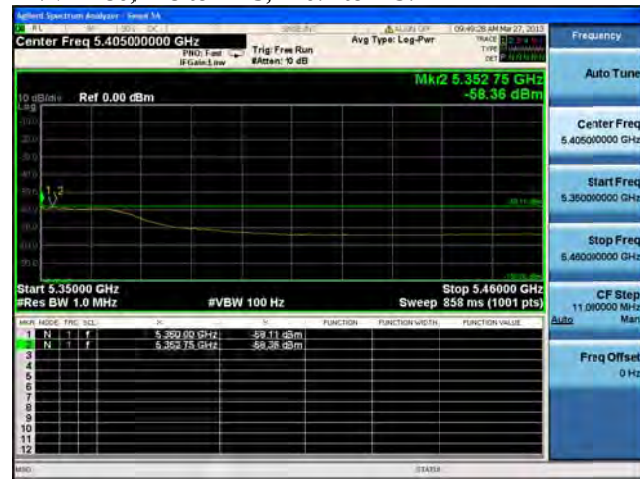
Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, Non HT/VHT80, 6 to 54 Mbps**Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1****Antenna A**

**Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**

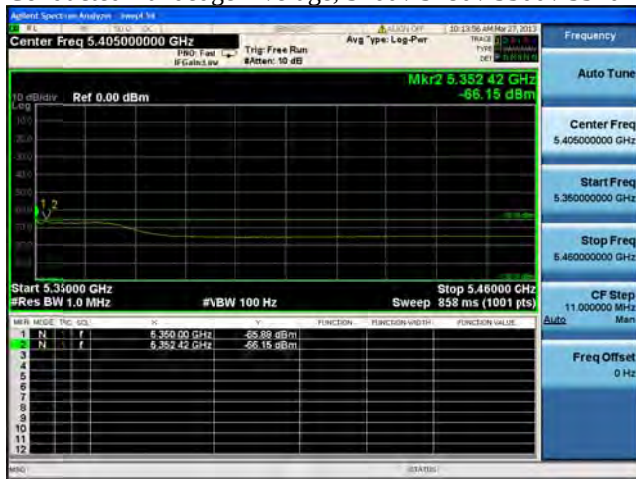
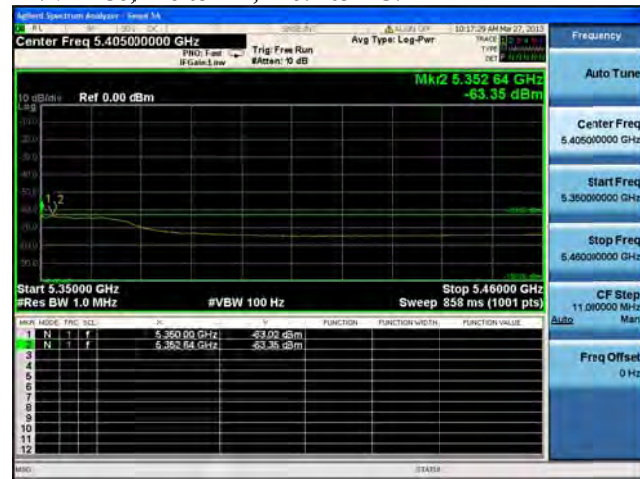
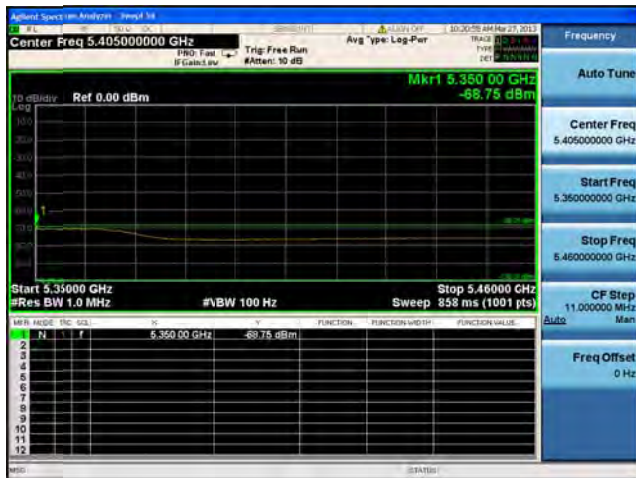


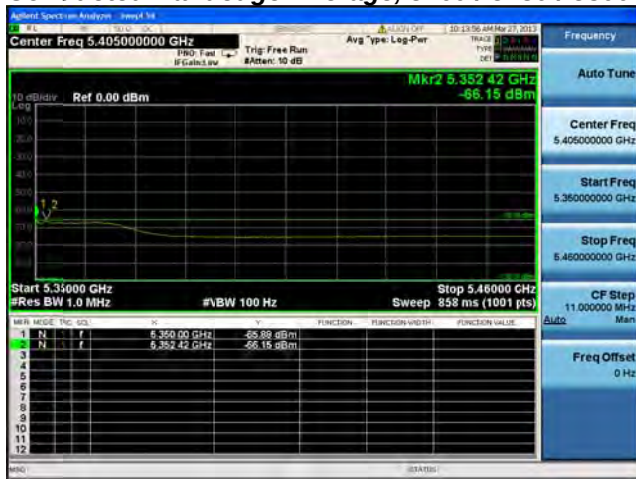
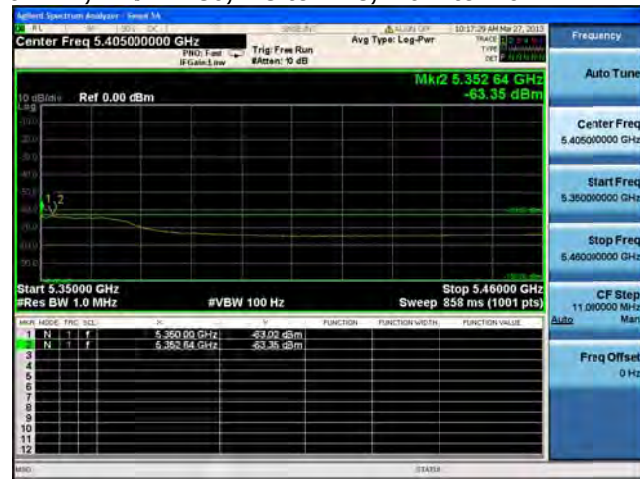
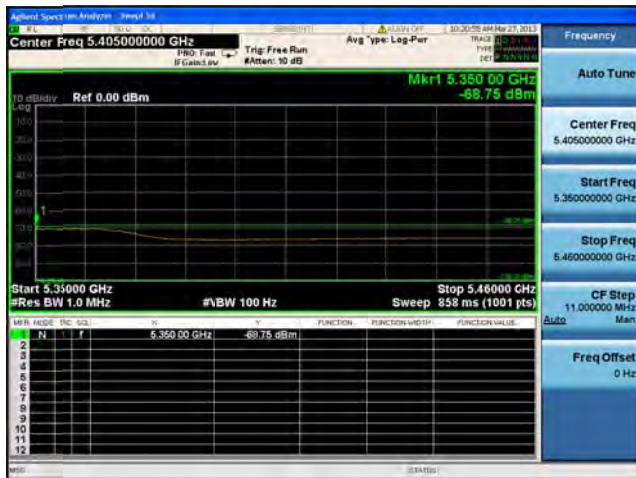
Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2

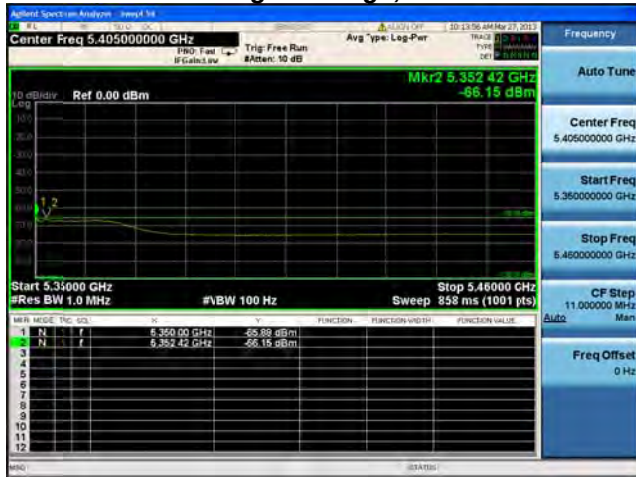
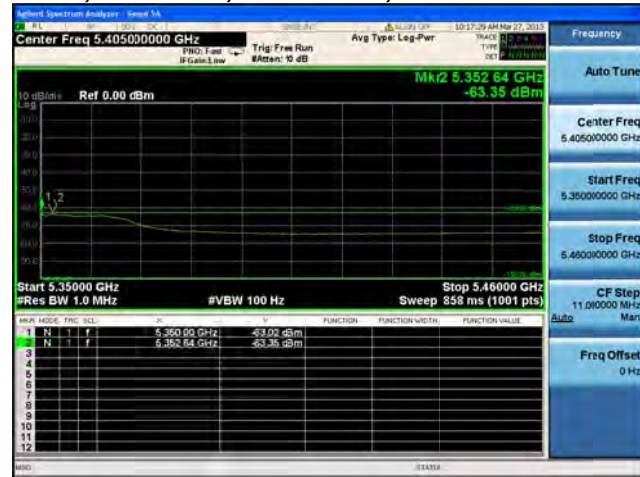
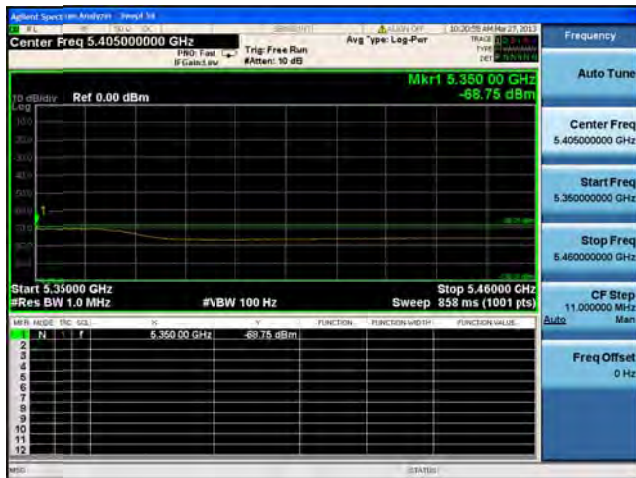
**Antenna A****Antenna B**

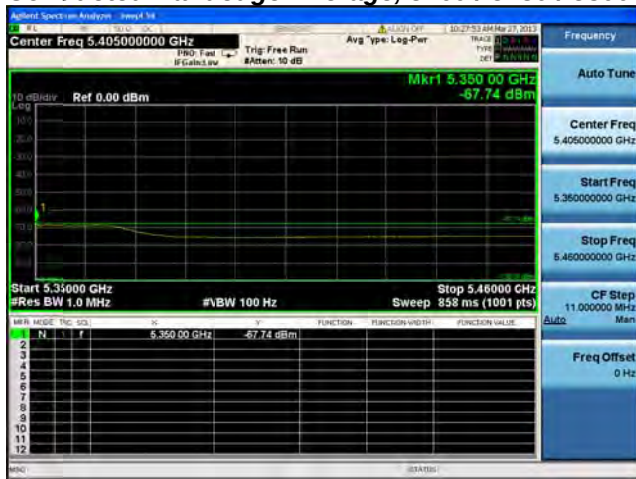
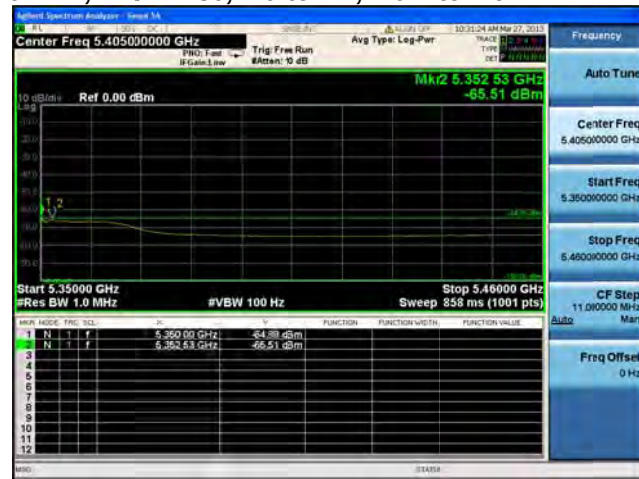
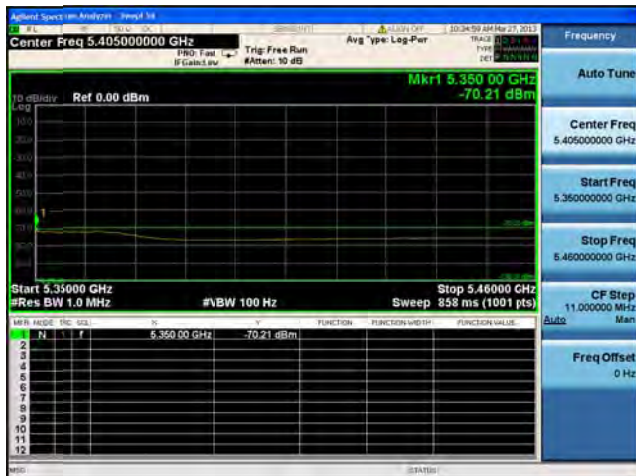
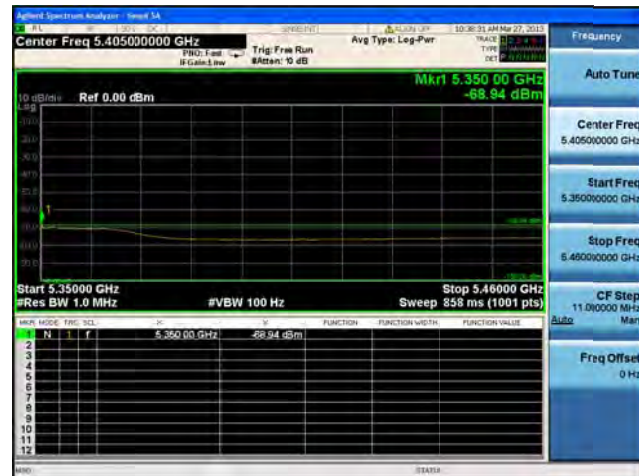


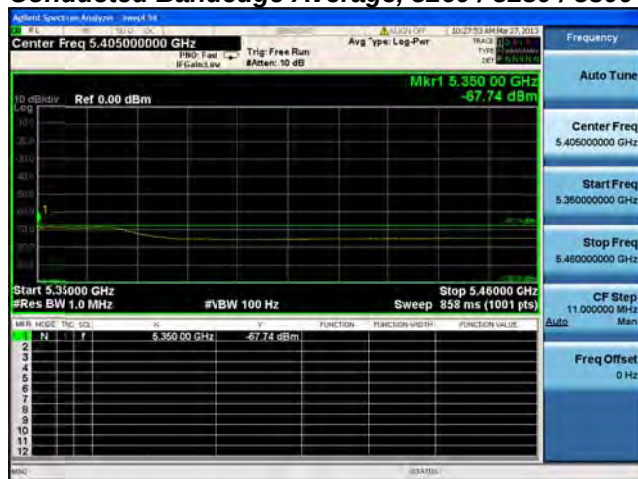
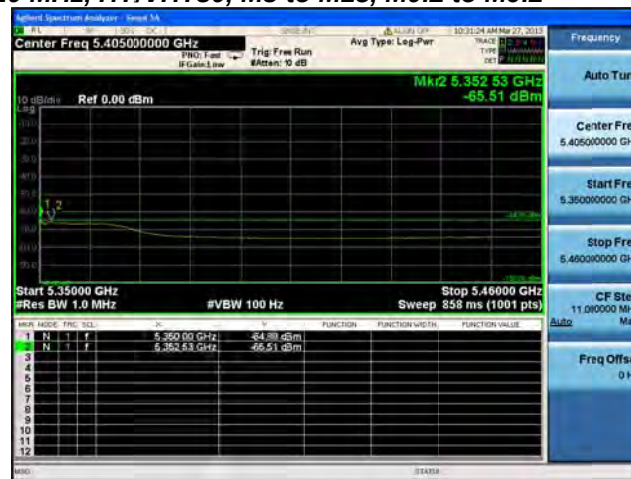
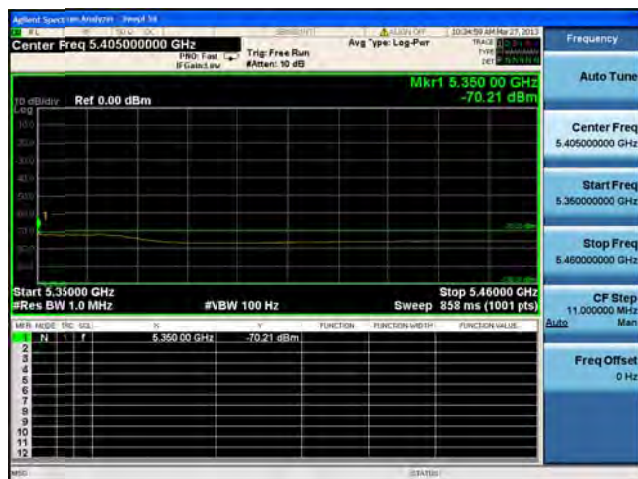
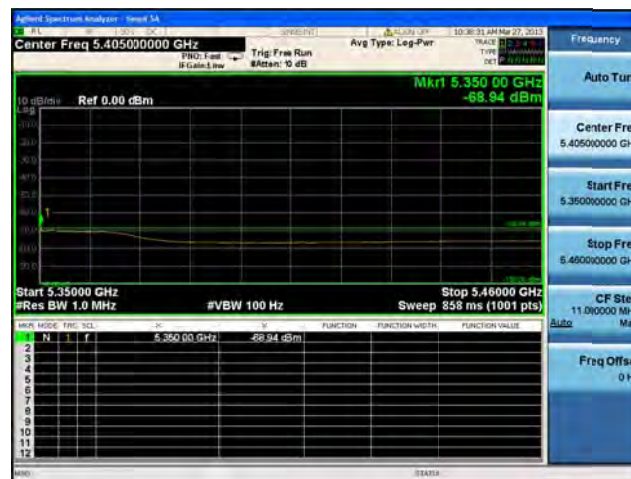
Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1

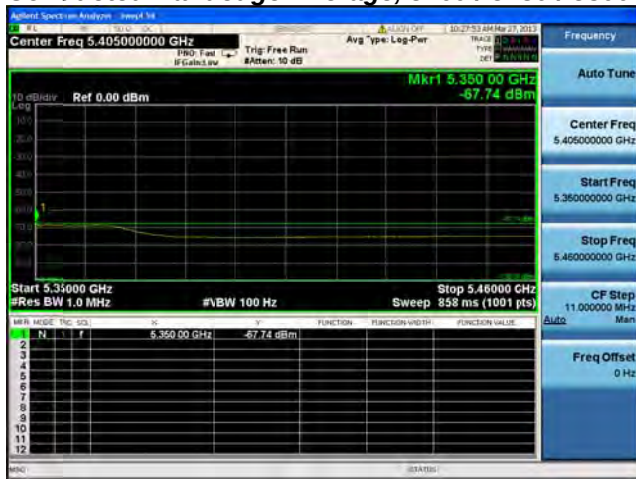
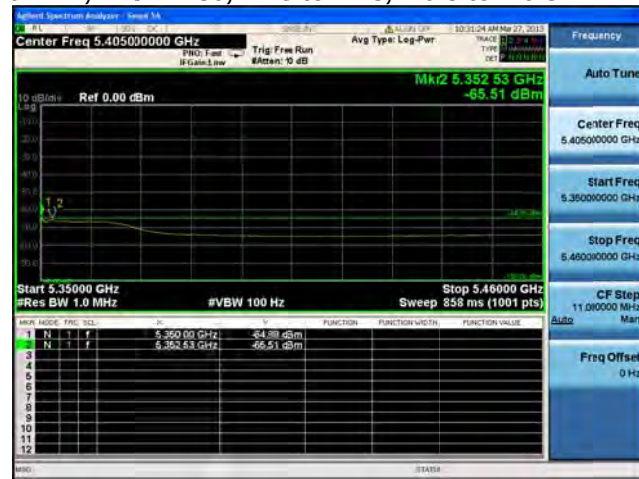
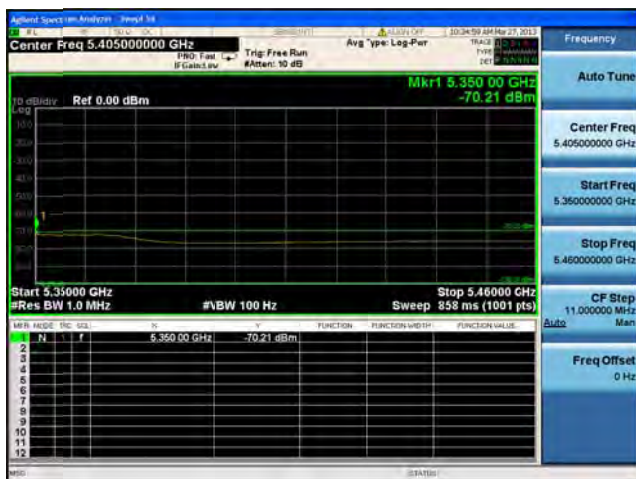
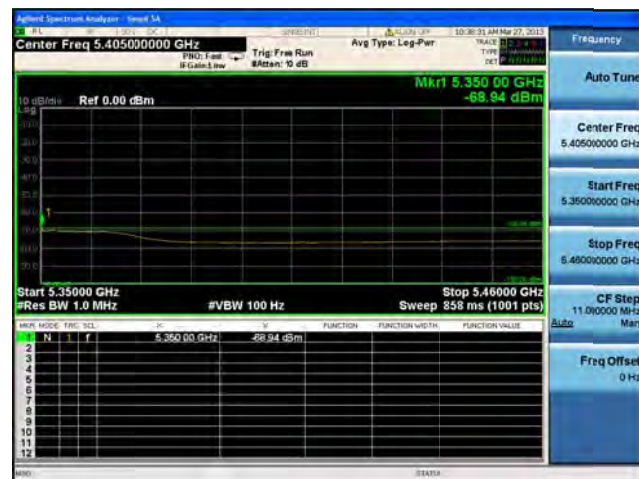
**Antenna A****Antenna B****Antenna C**

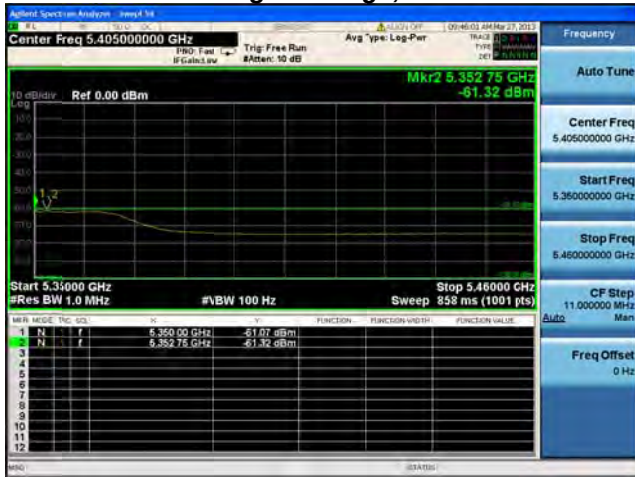
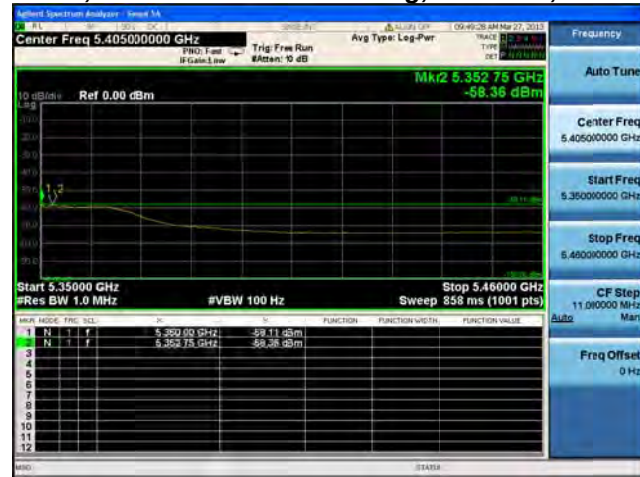
**Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

**Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**

Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B****Antenna C****Antenna D**

Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2**Antenna A****Antenna B****Antenna C****Antenna D**

Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3**Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**

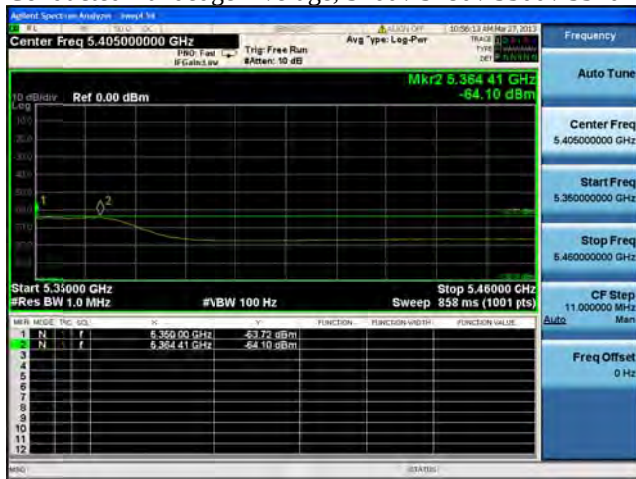
Model Spectrum Analyzer - Sweep 1a
 Center Freq 5.405000000 GHz
 FREQ: Fast (B Calcs) On
 Trig: Free Run
 Attenu: 10 dB
 Avg Type: Log-Pwr
 Q0-M0:03 AM Mar 25 2013
 TRACE 0: 5.38175 GHz
 TIME 0: 0.000000
 DET P 0.000000
 Marker 5.38275 GHz
 -61.32 dBm
 Ref 0.00 dBm
 Start 5.36000 GHz
 Res BW 1.0 MHz
 #VBW 100 Hz
 Stop 5.40000 GHz
 Sweep 858 ms (1001 pts)
 Table:
 Tab 1
 Freq (GHz) Power (dBm)
 1 5.360000 61.02
 2 5.382750 61.32
 3 5.400000 61.02
 CF Step 11.000000 MHz
 Auto Man
 Freq Offset 0 Hz

[illegible]

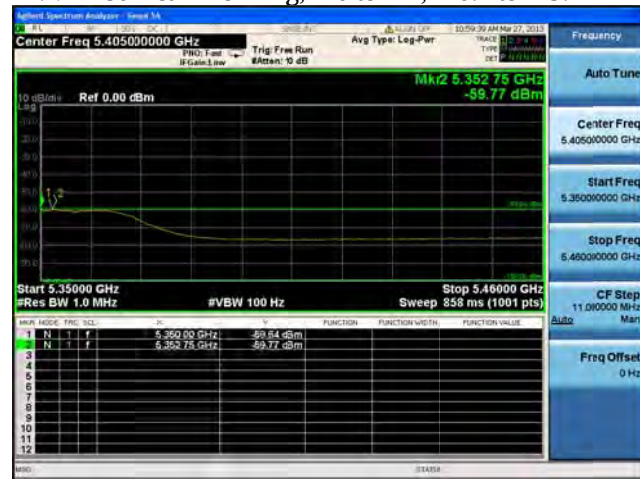
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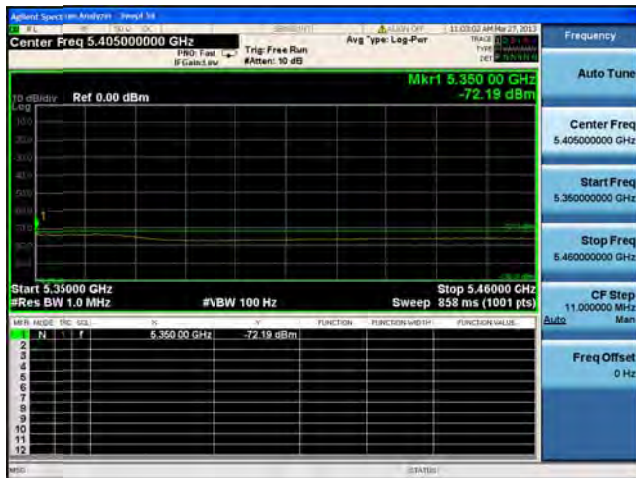
Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1



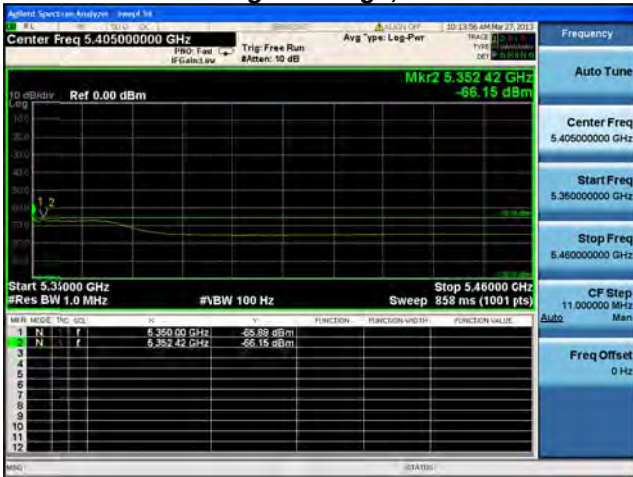
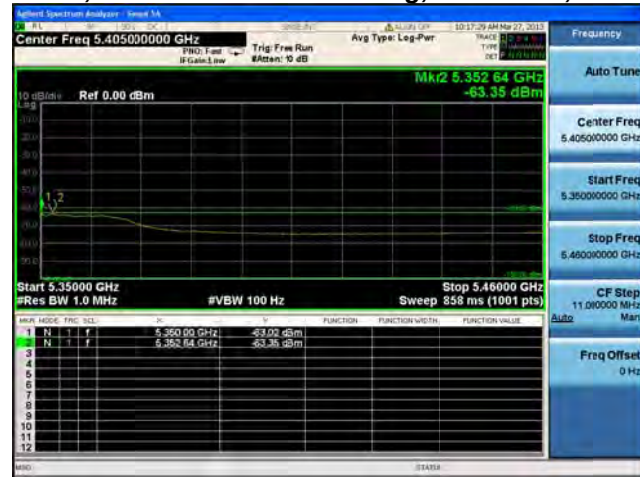
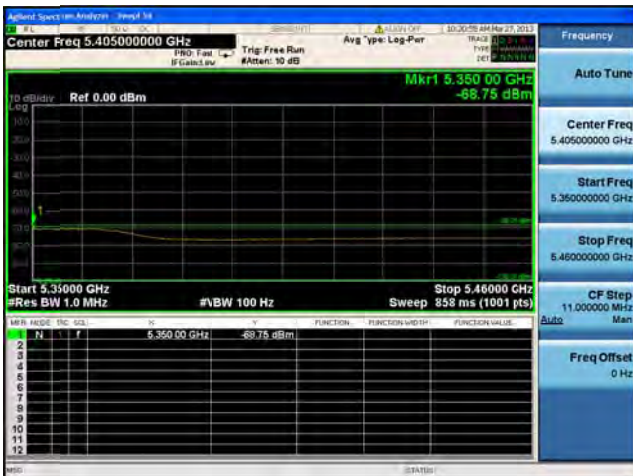
Antenna A

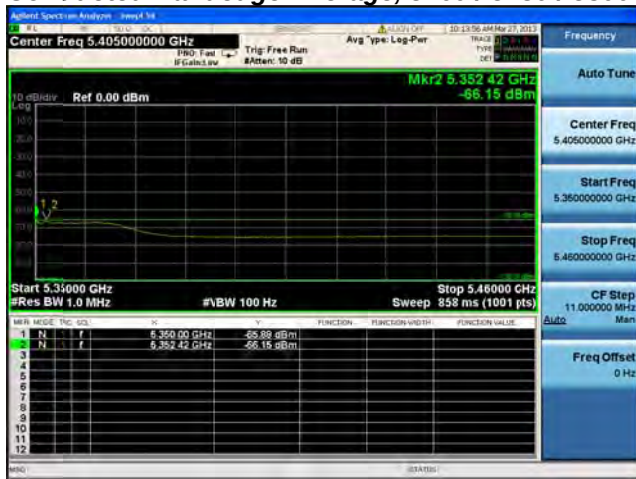
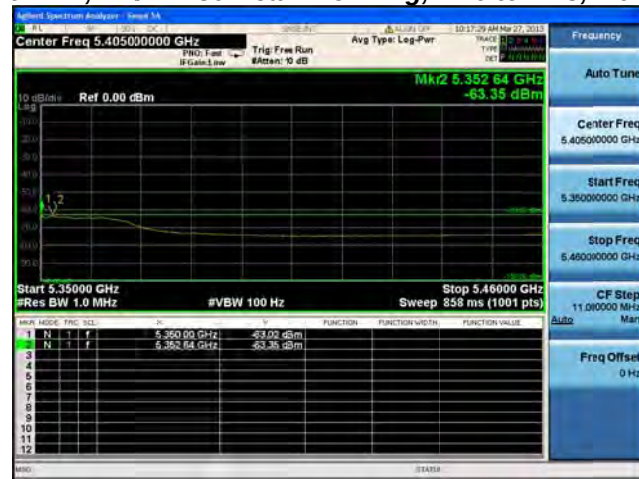
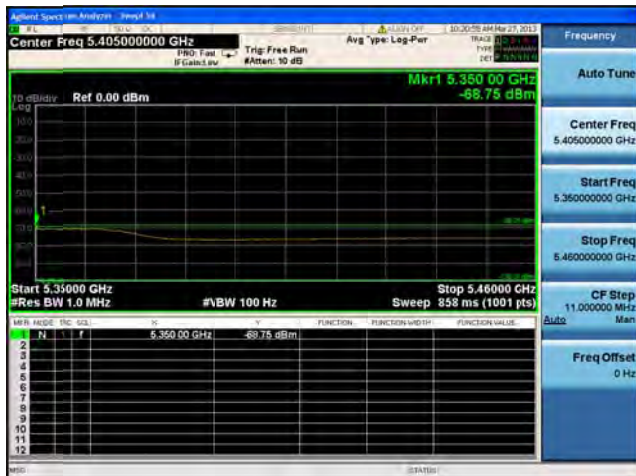


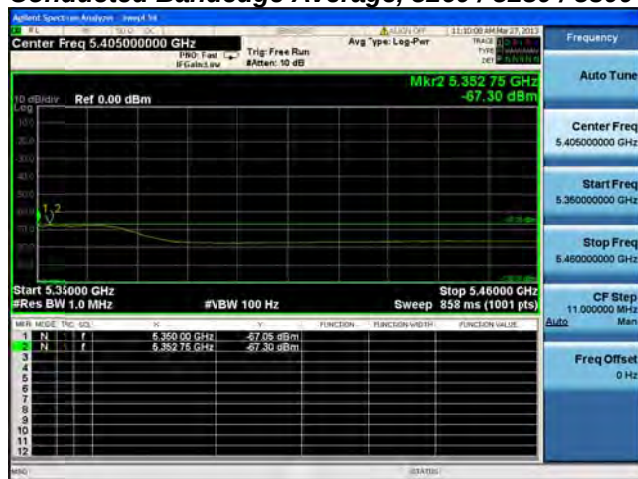
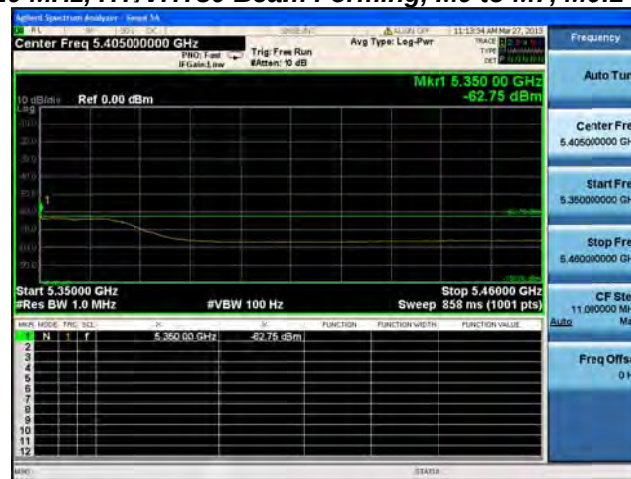
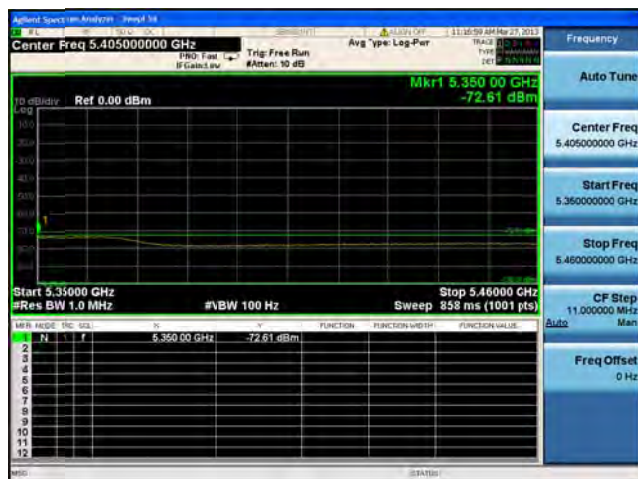
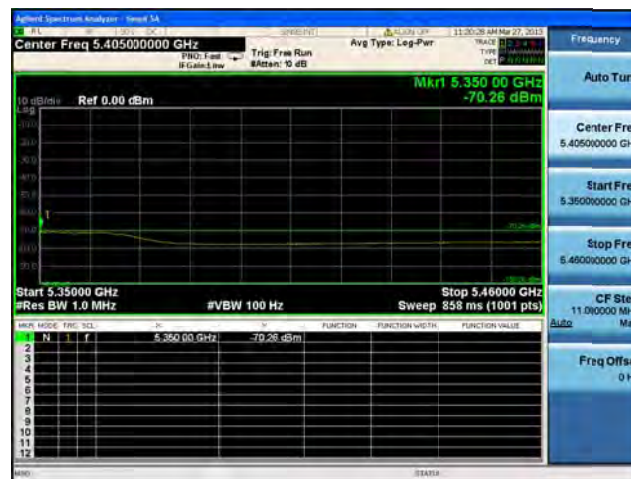
Antenna B

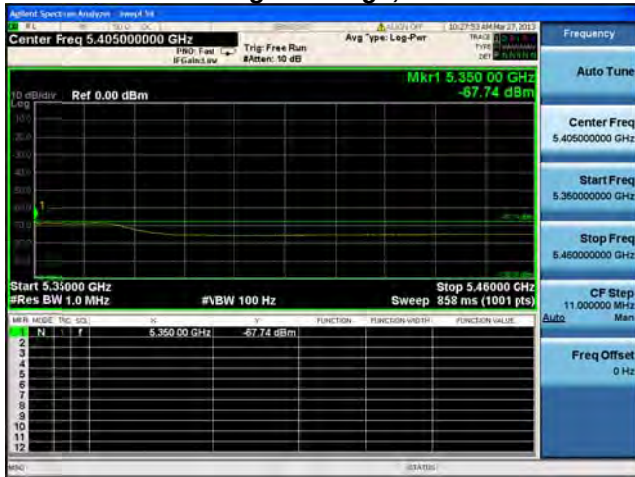
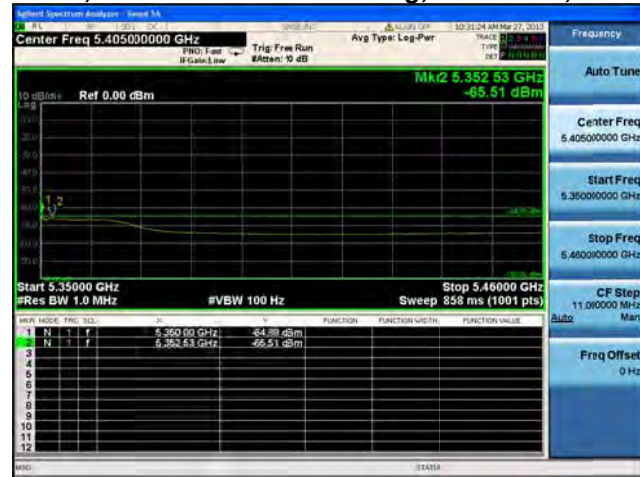
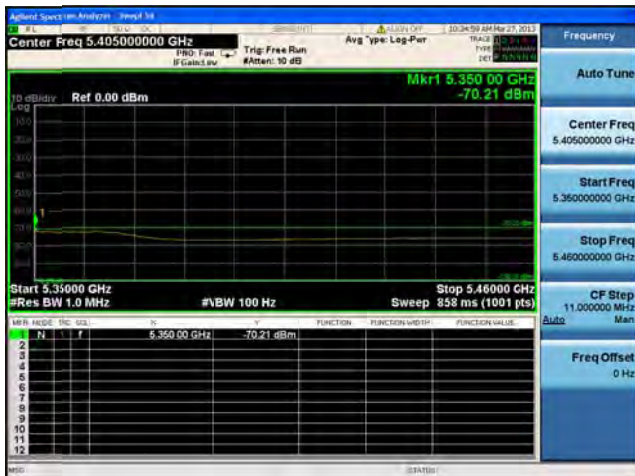


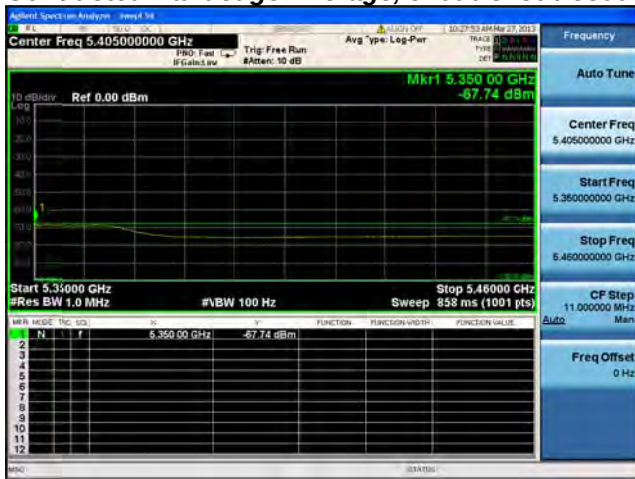
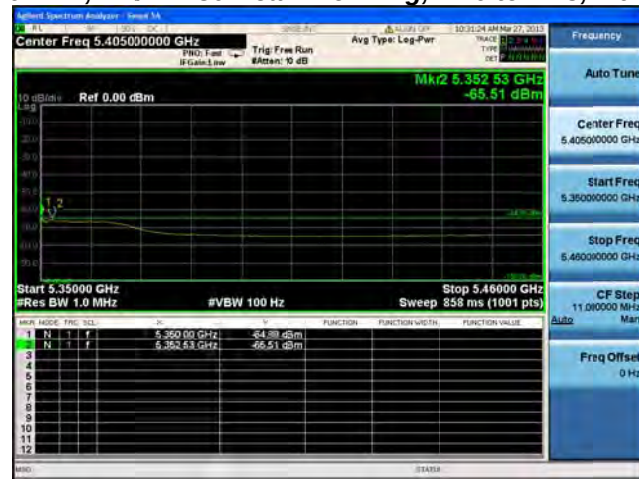
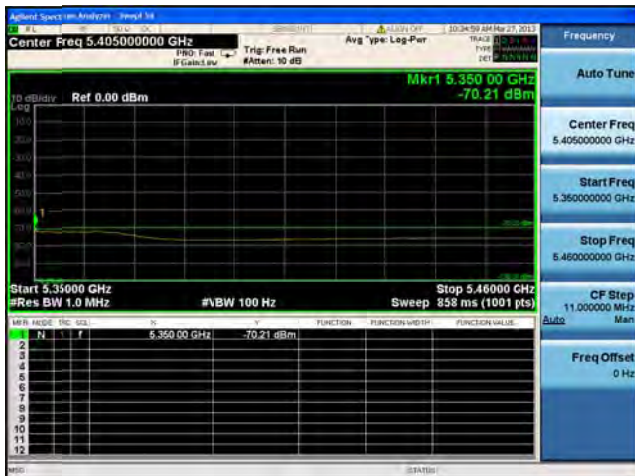
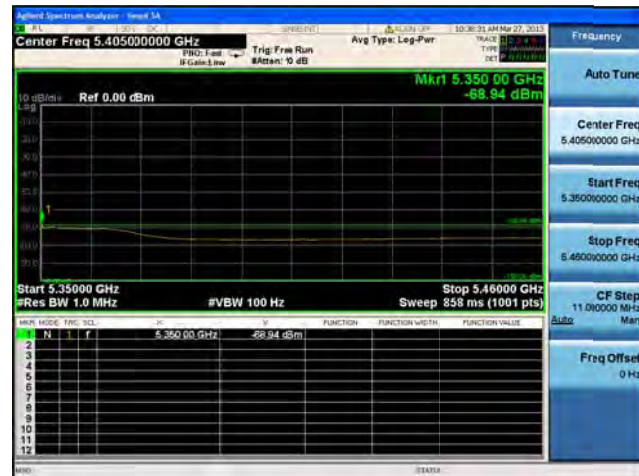
Antenna C

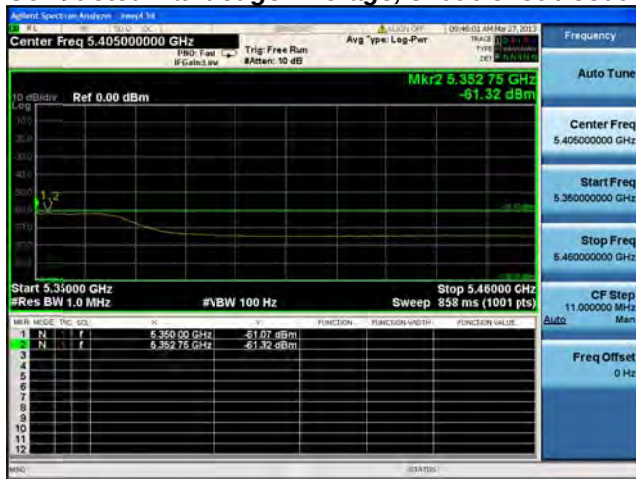
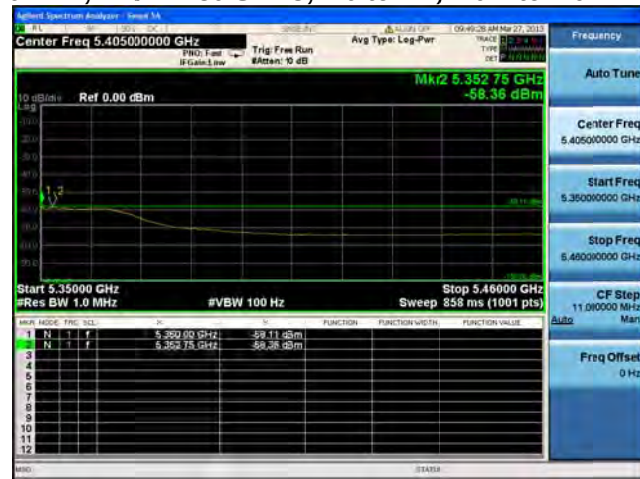
**Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

**Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**

**Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

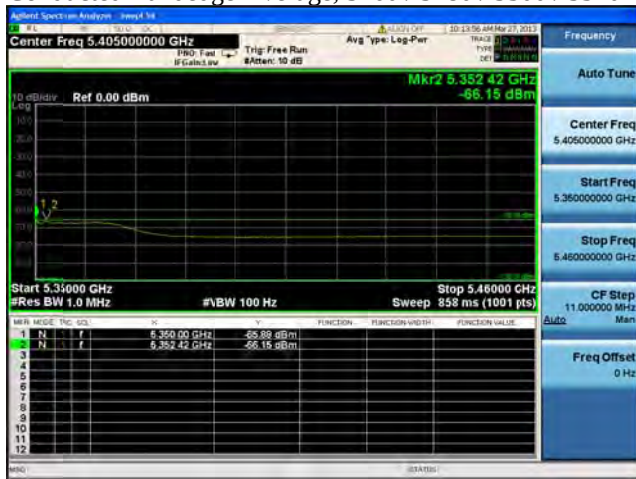
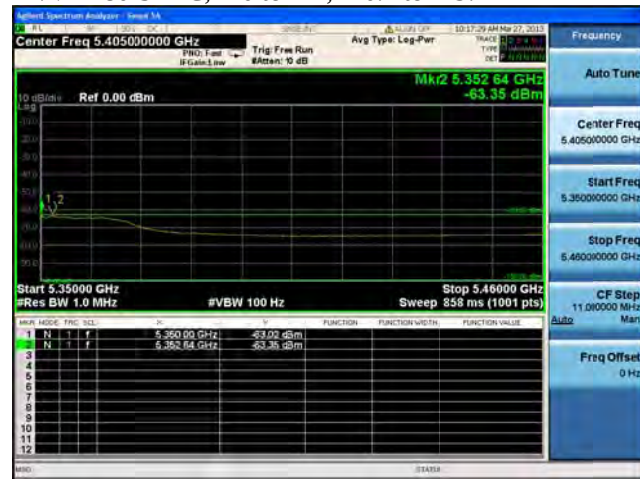
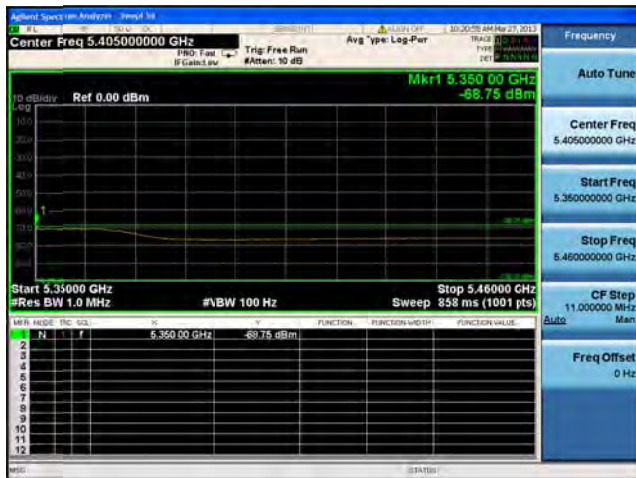
**Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**



Conducted Bandedge Average, 5260 / 5280 / 5300 / 5320 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1

**Antenna A****Antenna B****Antenna C**

Agilent Spectrum Analyzer - Page 34

Center Freq 5.405000000 GHz

Trig: Free Run

Avg Type: Log-Pwr

Trace 1 (5.350000 GHz)

Power: 0.00 dBm

Attenuation: 10 dB

Mkr1 5.350 00 GHz -67.74 dBm

10 dBm Ref 0.00 dBm

Start 5.35000 GHz

Stop 5.460000 GHz

Res BW 1.0 MHz

RBW 100 Hz

Sweep 858 ms (1001 pts)

Marker 1: 5.35000 GHz, -67.74 dBm

Marker 2: 5.35000 GHz, -67.74 dBm

Marker 3: 5.35000 GHz, -67.74 dBm

Marker 4: 5.35000 GHz, -67.74 dBm

Marker 5: 5.35000 GHz, -67.74 dBm

Marker 6: 5.35000 GHz, -67.74 dBm

Marker 7: 5.35000 GHz, -67.74 dBm

Marker 8: 5.35000 GHz, -67.74 dBm

Marker 9: 5.35000 GHz, -67.74 dBm

Marker 10: 5.35000 GHz, -67.74 dBm

Marker 11: 5.35000 GHz, -67.74 dBm

Marker 12: 5.35000 GHz, -67.74 dBm

Center Freq 5.405000000 GHz

Start Freq 5.360000000 GHz

Stop Freq 5.460000000 GHz

CF Step 11.000000 MHz

Freq Offset 0 Hz

Signal Spectrum Analyzer - Center Freq

Center Freq: 5.405000000 GHz

Resolution: 1.0 MHz

Start: 5.35000 GHz

Stop: 5.46000 GHz

Res BW: 1.0 MHz

Sweep: 850 ms

Auto Tuning

Center Freq: 5.405000000 GHz

Start Freq: 5.350000000 GHz

Stop Freq: 5.460000000 GHz

CF Step: 11.000000 MHz

Auto

Freq Offset: 0 Hz

Table:

MARK	MODE	FREQ	DBM	FUNCTION	FUNCTION VALUE	FUNCTION VALUE
1	N	5.35000 GHz	-64.88 dBm			
2	N	5.35253 GHz	-65.51 dBm			

Agilent Spectrum Analyzer - Preset 34

Center Freq 5.405000000 GHz

PRD: Fast 100
IF Gain: 0 dB

Trig: Free Run
#Attent: 10 dB

Avg 'ype: Log-Pwr

80.24750 AM Apr 23, 2013

TRACE: 0.000000
PWR: 0.000000
DEC: 1.000000

Frequency

Auto Tune

Center Freq
5.405000000 GHz

Start Freq
5.350000000 GHz

Stop Freq
5.450000000 GHz

CF Step
11.000000 MHz

Freq Offset
0 Hz

10 dB/div

Ref 0.00 dBm

Mkr1 5.350 00 GHz
-70.21 dBm

Start 5.35000 GHz
#Res BW 1.0 MHz

#BW 100 Hz

Stop 5.46000 GHz
Sweep 858 ms (1001 pts)

MR IN RIDE FREQ SQL

5.350 00 GHz -70.21 dBm

FUNCTION FUNCTION WIDTH FUNCTION VALUE

N F

1 2 3 4 5 6 7 8 9 10 11 12

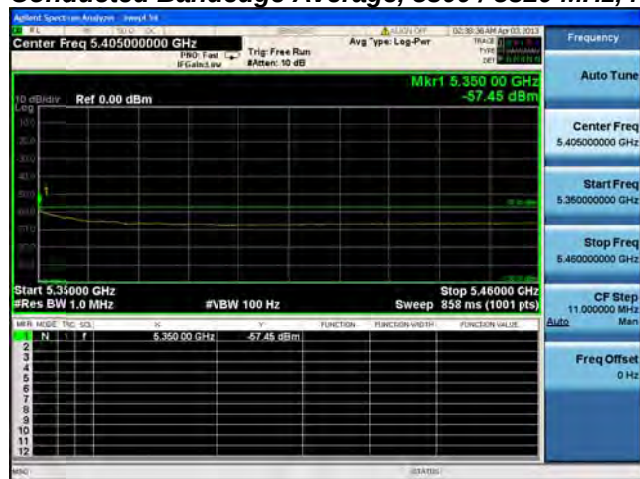
MRSD

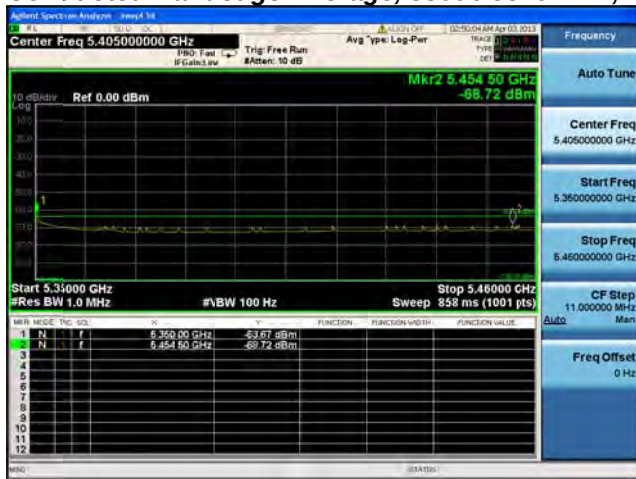
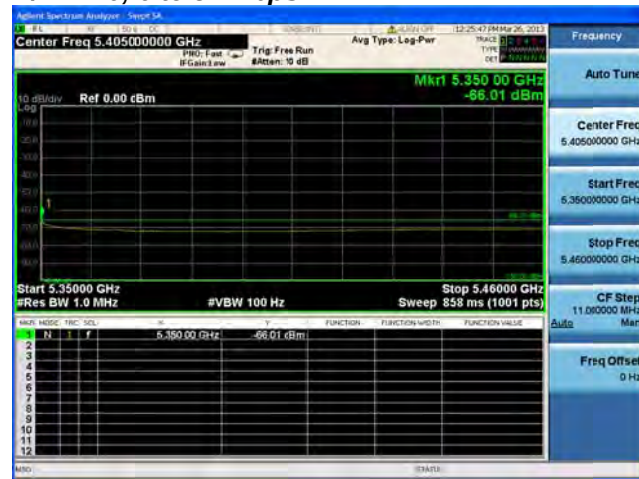
DATA1

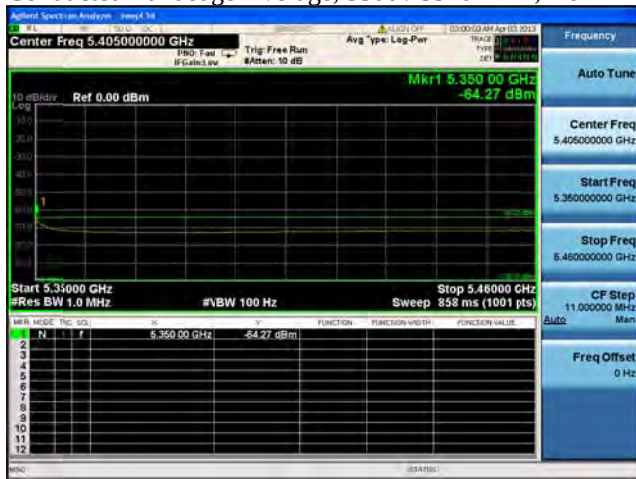
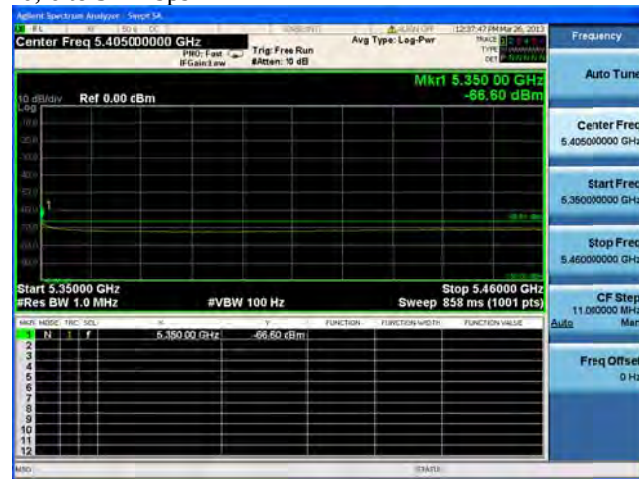
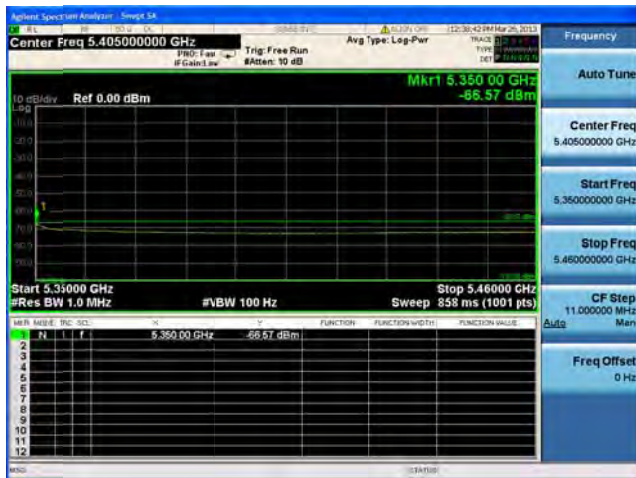
Spectrum Analyzer View
 Center Freq 5.405000000 GHz
 Span: 10.000 GHz
 Resolution: 10.000 kHz
 Video BW: 1.000 MHz
 Reference: 0.00 dBm
 Marker 1: 5.350000 GHz, -68.94 dBm
 Start Freq: 5.350000 GHz, Stop Freq: 5.460000 GHz
 Sweep: 858 ms (1001 pts)
 #VBW 100 Hz
 Res BW 1.0 MHz
 CF Stop: 11.000000 MHz
 Auto

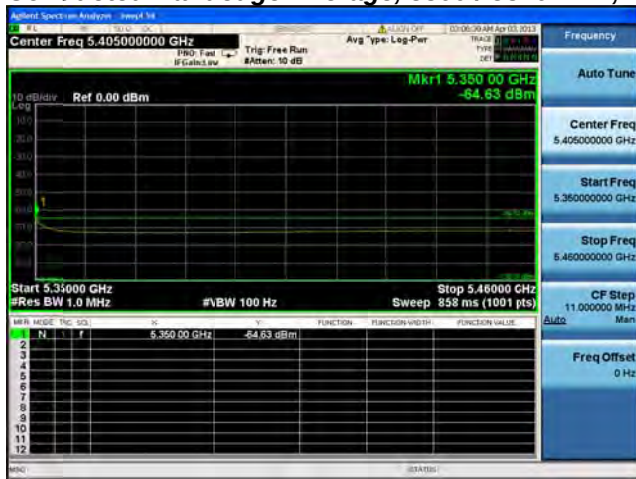
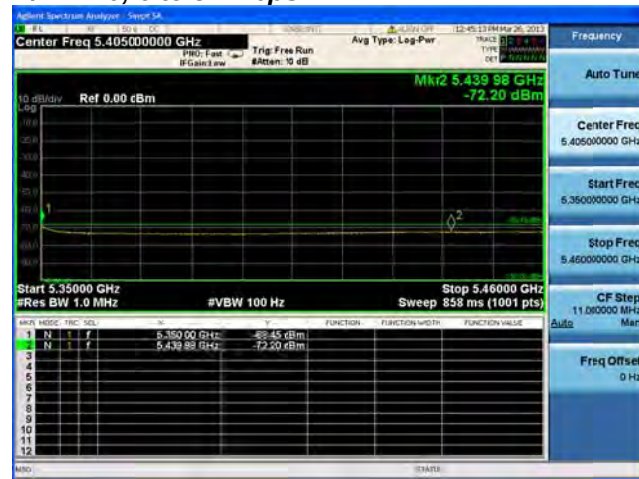
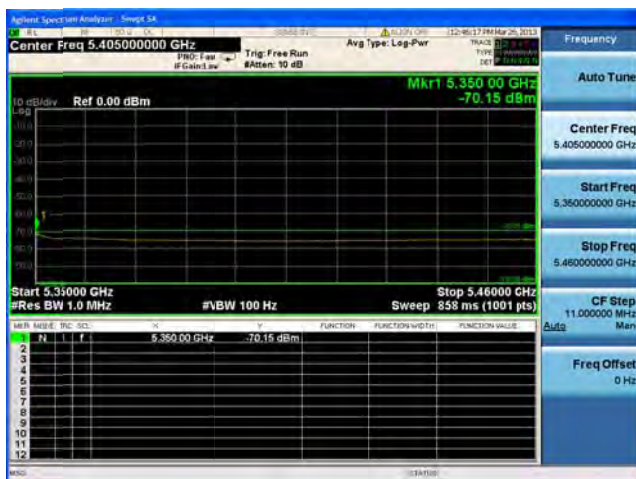
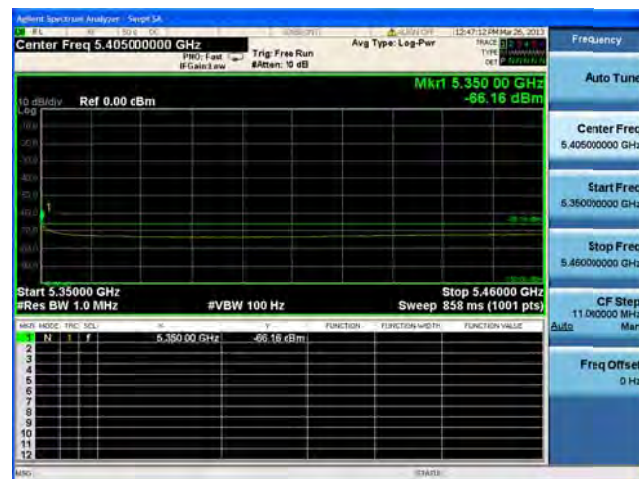
MARK	FREQ	POWER	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	5.350000 GHz	-68.94 dBm			

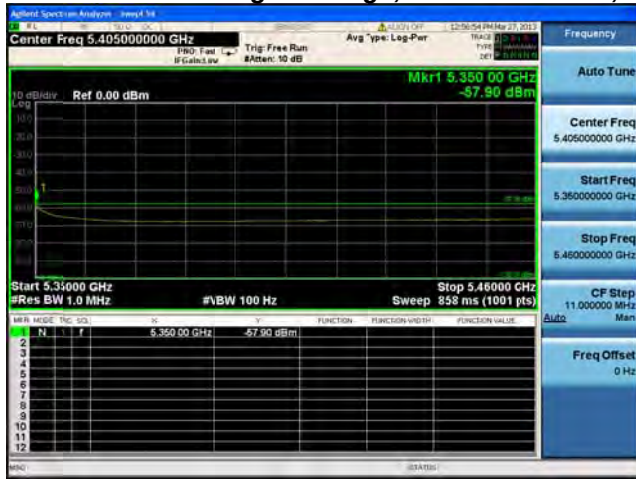
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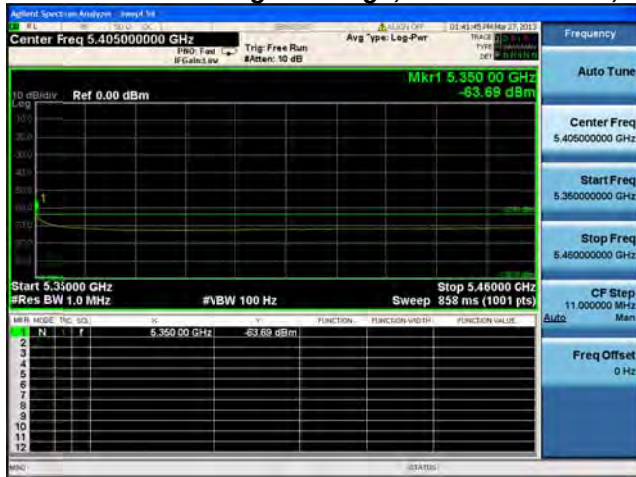
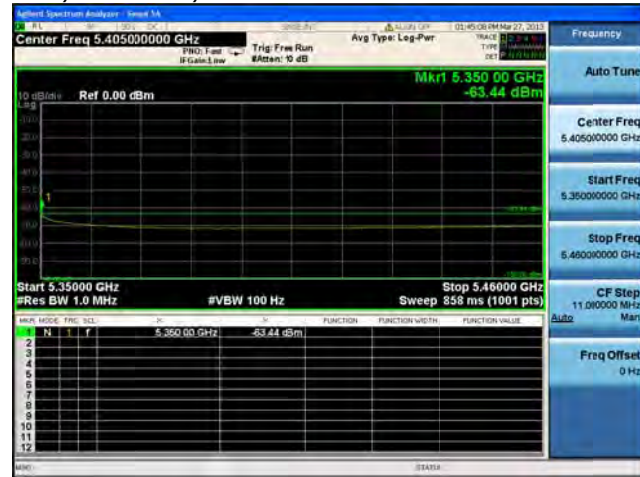
Conducted Bandedge Average, 5300 / 5320 MHz, Non HT/VHT40, 6 to 54 Mbps**Antenna A**

**Conducted Bandedge Average, 5300 / 5320 MHz, Non HT/VHT40, 6 to 54 Mbps****Antenna A****Antenna B**

**Conducted Bandedge Average, 5300 / 5320 MHz, Non HT/VHT40, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**

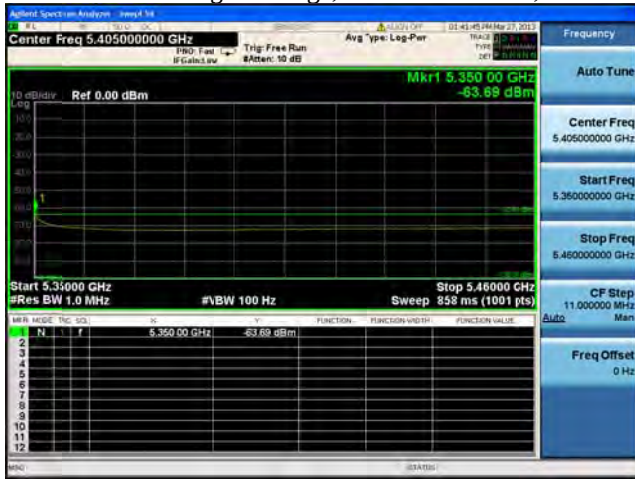
Conducted Bandedge Average, 5300 / 5320 MHz, Non HT/VHT40, 6 to 54 Mbps**Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Bandedge Average, 5300 / 5320 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1****Antenna A**

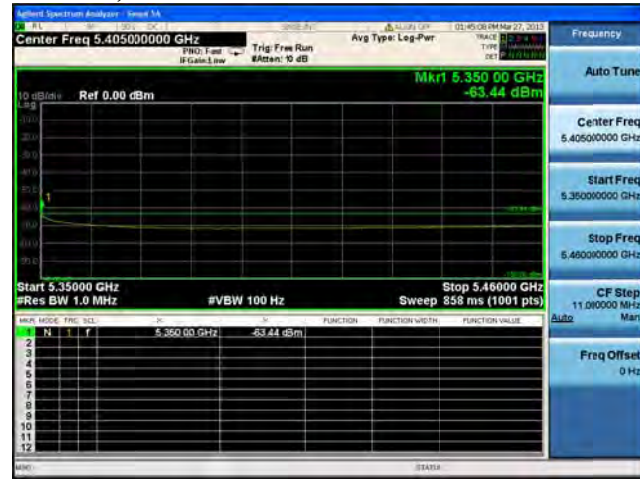
Conducted Bandedge Average, 5300 / 5320 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1**Antenna A****Antenna B**



Conducted Bandedge Average, 5300 / 5320 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2



Antenna A



Antenna B

Spectrum Analyzer *Speed 1x*

Center Freq 5.405000000 GHz **Span** 10.00000000 GHz

PROF. Test **Trig: Free Run** **AvG Type: Log-Pwr** **Trace** **Marker**

IF Gain: 10 dB **Time** **Ref**

Marker 1 5.350 00 GHz **-63.98 dBm**

Start 5.350000 GHz **Stop** 5.400000 GHz

Res BW 1.0 MHz **#BW** 100 Hz **Sweep** 858 ms (1001 pts)

MEAS	MODE	TYPE	UNIT	VALUE	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	F	dBm	-63.98			
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Frequency **Auto Tune**

Center Freq 5.405000000 GHz

Start Freq 5.350000000 GHz

Stop Freq 5.400000000 GHz

CF Step 11.000000 MHz

Auto **Man**

Freq Offset 0 Hz

[illegible]

The screenshot shows the VSA interface with the following data:

- Center Freq:** 5.405000000 GHz
- Start:** 5.35000 GHz
- Stop:** 5.46000 GHz
- Res BW:** 1.0 MHz
- #VBW:** 100 Hz
- Sweep:** 858 ms (1001 pts)
- Marker 1 (Mkr1):** 5.3500 GHz, -68.68 dBm

MN	FREQ	POW	UNIT	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	5.3500 GHz	-68.68	dBm			

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