Test Report

FCC ID: LDK102101

AIR-AP3802P-B-K9, AIR-AP3802P-UXK9

IC: 2461B-102101

AIR-AP3802P-A-K9, AIR-AP3802P-UXK9

Cisco Aironet 802.11ac Dual Band Access Points

5725-5850 MHz

XOR Radio

Against the following Specifications:

CFR47 Part 15.407

RSS-247

Cisco Systems
170 West Tasman Drive
San Jose, CA 95134

Author: Jose Aguirre **Tested By**	**Approved By:** Jim Nicholson **Title:** Technical Leader, Engineering **Revision:** 1

This report replaces any previously entered test report under EDCS –1552575 This test report has been electronically authorized and archived using the CISCO Engineering Document Control system.

This test report has been electronically authorized and archived using the CISCO Engineering Document Control system.

Section 1: Overview

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

Specifications:
CFR47 Part 15.407
RSS-247 Issue 1: May 2015
RSS-Gen Issue 4: Nov 2014

Measurements were made in accordance with

- ANSI C63.10:2013
- KDB 789033 D02 General UNII Test Procedures New Rules v01r01
- KDB 662911 D01 Multiple Transmitter Output v02r01

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*%

e) All AC testing was performed at one or more of the following supply voltages:
110V 60 Hz (+/-20%)

Units of Measurement

The units of measurements defined in the appendices are reported in specific terms, which are test dependent. Where radiated measurements are concerned these are defined at a particular distance. Basic voltage measurements are defined in units of [dBuV]

As an example, the basic calculation for all measurements is as follows:

Emission level [dBuV] = Indicated voltage level [dBuV] + Cable Loss [dB] + Other correction factors [dB]

The combinations of correction factors are dependent upon the exact test configurations [see test equipment lists for further details] and may include:-

Antenna Factors, Pre Amplifier Gain, LISN Loss, Pulse Limiter Loss and Filter Insertion Loss

Note: to convert the results from dBuV/m to uV/m use the following formula:-

Level in uV/m = Common Antilogarithm [(X dBuV/m)/20] = Y uV/m

Measurement Uncertainty Values

voltage and power measurements	± 2 dB
conducted EIRP measurements	± 1.4 dB
radiated measurements	± 3.2 dB
frequency measurements	± 2.4 10-7
temperature measurements	± 0.54º
humidity measurements	± 2.3%
DC and low frequency measurements	± 2.5%

Where relevant measurement uncertainty levels have been estimated for tests performed on the apparatus. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Radiated emissions (expanded uncertainty, confidence interval 95%)

30 MHz - 300 MHz	+/- 3.8 dB
300 MHz - 1000 MHz	+/- 4.3 dB
1 GHz - 10 GHz	+/- 4.0 dB
10 GHz - 18GHz	+/- 8.2 dB
18GHz - 26.5GHz	+/- 4.1 dB
26.5GHz - 40GHz	+/- 3.9 dB

Conducted emissions (expanded uncertainty, confidence interval 95%)

30 MHz – 40GHz	+/- 0.38 dB

A product is considered to comply with a requirement if the nominal measured value is below the limit line. The product is considered to not be in compliance in case the nominal measured value is above the limit line.

2.2 Date of testing

01-Jan-16 - 03-Mar-16

2.3 Report Issue Date

30-March-2016

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.,
125 West Tasman Drive
San Jose, CA 95134, USA

Registration Numbers for Industry Canada

Cisco System Site	Address	Site Identifier
Building P, 10m Chamber	125 West Tasman Dr San Jose, CA 95134	Company #: 2461N-2
Building P, 5m Chamber	125 West Tasman Dr San Jose, CA 95134	Company #: 2461N-1
Building I, 5m Chamber	285 W. Tasman Drive San Jose, California 95134	Company #: 2461M-1

Test Engineers

Jose Aguirre

2.5 Equipment Assessed (EUT)

AIR-AP3802P-B-K9

2.6 EUT Description

The Cisco Aironet 802.11ac Radio supports 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.

802.11n/ac - Non HT20, One Antenna, 6 to 54 Mbps
802.11n/ac - Non HT20, Two Antennas, 6 to 54 Mbps
802.11n/ac - Non HT20, Three Antennas, 6 to 54 Mbps
802.11n/ac - Non HT20, Four Antennas, 6 to 54 Mbps

802.11n/ac - Non HT20 Beam Forming, Two Antennas, 6 to 54 Mbps
802.11n/ac - Non HT20 Beam Forming, Three Antennas, 6 to 54 Mbps
802.11n/ac - Non HT20 Beam Forming, Four Antennas, 6 to 54 Mbps

802.11n/ac - HT/VHT20, One Antenna, M0 to M7
802.11n/ac - HT/VHT20, Two Antennas, M0 to M7
802.11n/ac - HT/VHT20, Two Antennas, M8 to M15
802.11n/ac - HT/VHT20, Three Antennas, M0 to M7
802.11n/ac - HT/VHT20, Three Antennas, M8 to M15
802.11n/ac - HT/VHT20, Three Antennas, M16 to M23
802.11n/ac - HT/VHT20, Four Antennas, M0 to M7
802.11n/ac - HT/VHT20, Four Antennas, M8 to M15
802.11n/ac - HT/VHT20, Four Antennas, M16 to M23

802.11n/ac - HT/VHT20 Beam Forming, Two Antennas, M0 to M7
802.11n/ac - HT/VHT20 Beam Forming, Two Antennas, M8 to M15
802.11n/ac - HT/VHT20 Beam Forming, Three Antennas, M0 to M7
802.11n/ac - HT/VHT20 Beam Forming, Three Antennas, M8 to M15
802.11n/ac - HT/VHT20 Beam Forming, Three Antennas, M16 to M23
802.11n/ac - HT/VHT20 Beam Forming, Four Antennas, M0 to M7
802.11n/ac - HT/VHT20 Beam Forming, Four Antennas, M8 to M15
802.11n/ac - HT/VHT20 Beam Forming, Four Antennas, M16 to M23

802.11n/ac - HT/VHT20 STBC, Two Antennas, M0 to M7
802.11n/ac - HT/VHT20 STBC, Three Antennas, M0 to M7
802.11n/ac - HT/VHT20 STBC, Four Antennas, M0 to M7

802.11n/ac - Non HT40 Duplicate, One Antenna, 6 to 54 Mbps
802.11n/ac - Non HT40 Duplicate, Two Antennas, 6 to 54 Mbps
802.11n/ac - Non HT40 Duplicate, Three Antennas, 6 to 54 Mbps
802.11n/ac - Non HT40 Duplicate, Four Antennas, 6 to 54 Mbps

802.11n/ac - HT/VHT40, One Antenna, M0 to M7
802.11n/ac - HT/VHT40, Two Antennas, M0 to M7
802.11n/ac - HT/VHT40, Two Antennas, M8 to M15
802.11n/ac - HT/VHT40, Three Antennas, M0 to M7
802.11n/ac - HT/VHT40, Three Antennas, M8 to M15
802.11n/ac - HT/VHT40, Three Antennas, M16 to M23
802.11n/ac - HT/VHT40, Four Antennas, M0 to M7
802.11n/ac - HT/VHT40, Four Antennas, M8 to M15
802.11n/ac - HT/VHT40, Four Antennas, M16 to M23

802.11n/ac - HT/VHT40 Beam Forming, Two Antennas, M0 to M7
802.11n/ac - HT/VHT40 Beam Forming, Two Antennas, M8 to M15
802.11n/ac - HT/VHT40 Beam Forming, Three Antennas, M0 to M7
802.11n/ac - HT/VHT40 Beam Forming, Three Antennas, M8 to M15
802.11n/ac - HT/VHT40 Beam Forming, Three Antennas, M16 to M23
802.11n/ac - HT/VHT40 Beam Forming, Four Antennas, M0 to M7
802.11n/ac - HT/VHT40 Beam Forming, Four Antennas, M8 to M15
802.11n/ac - HT/VHT40 Beam Forming, Four Antennas, M16 to M23

802.11n/ac - HT/VHT40 STBC, Two Antennas, M0 to M7
802.11n/ac - HT/VHT40 STBC, Three Antennas, M0 to M7
802.11n/ac - HT/VHT40 STBC, Four Antennas, M0 to M7

802.11n/ac - Non HT80 Duplicate, One Antenna, 6 to 54 Mbps
802.11n/ac - Non HT80 Duplicate, Two Antennas, 6 to 54 Mbps
802.11n/ac - Non HT80 Duplicate, Three Antennas, 6 to 54 Mbps
802.11n/ac - Non HT80 Duplicate, Four Antennas, 6 to 54 Mbps

802.11ac - VHT80, One Antenna, M0 to M9 1ss
802.11ac - VHT80, Two Antennas, M0 to M9 1ss
802.11ac - VHT80, Two Antennas, M0 to M9 2ss
802.11ac - VHT80, Three Antennas, M0 to M9 1ss
802.11ac - VHT80, Three Antennas, M0 to M9 2ss
802.11ac - VHT80, Three Antennas, M0 to M9 3ss
802.11ac - VHT80, Four Antennas, M0 to M9 1ss
802.11ac - VHT80, Four Antennas, M0 to M9 2ss
802.11ac - VHT80, Four Antennas, M0 to M9 3ss

802.11ac - VHT80 Beam Forming, Two Antennas, M0 to M9 1ss
802.11ac - VHT80 Beam Forming, Two Antennas, M0 to M9 2ss
802.11ac - VHT80 Beam Forming, Three Antennas, M0 to M9 1ss
802.11ac - VHT80 Beam Forming, Three Antennas, M0 to M9 2ss
802.11ac - VHT80 Beam Forming, Three Antennas, M0 to M9 3ss
802.11ac - VHT80 Beam Forming, Four Antennas, M0 to M9 1ss
802.11ac - VHT80 Beam Forming, Four Antennas, M0 to M9 2ss
802.11ac - VHT80 Beam Forming, Four Antennas, M0 to M9 3ss

802.11ac - VHT80 STBC, Two Antennas, M0 to M9 1ss
802.11ac - VHT80 STBC, Three Antennas, M0 to M9 1ss
802.11ac - VHT80 STBC, Four Antennas, M0 to M9 1ss

The following antennas are supported by this product series.
The data included in this report represent the worst case data for all antennas.

Frequency	Part Number	Antenna Type	Antenna Gain (dBi)	Model	Antenna Gain >30 degrees (dBi)
2.4 GHz	AIR-ANT24020V-R	Omni	2	3800P	NA
	AIR-ANT2452V-R	Diversity Omni-directional	5.2	3800P	NA
	AIR-ANT2430V-R	MIMO 3-Element Omni	3	3800P	NA
	AIR-ANT2440NV-R	MIMO Wall-Mount Omni Antenna	4	3800P	NA
	AIR-ANT2460NP-R	MIMO 3-Element Patch	6	3800P	NA
5 GHz	AIR-ANT5140V-R	MIMO 3-Element Omni	4	3800P	Indoor Only
	AIR-ANT5140NV-R	MIMO Wall-Mount Omni Antenna	4	3800P	-8
	AIR-ANT5145V-R	Diversity Omni-directional	4.5	3800P	Indoor Only
	AIR-ANT5160NP-R	MIMO 3-Element Patch	6	3800P	3
2.4 / 5 GHz	AIR-ANT2451V-R	Omni	2 / 3	3800P	Indoor Only
	AIR-ANT2451NV-R	Omni	3 / 4	3800P	Indoor Only
	AIR-ANT2524DB-R	Dual-resonant black dipole	2 / 4	3800P	Indoor Only
	AIR-ANT2524DW-R	Dual-resonant white dipole	2 / 4	3800P	Indoor Only
	AIR-ANT2524DG-R	Dual-resonant gray dipole	2 / 4	3800P	Indoor Only
	AIR-ANT2524V4C-R	Dual-resonant ceiling mount omni (4-pack)	2 / 4	3800P	Indoor Only
	AIR-ANT2535SDW-R	Dual-resonante "stubby" monopole	3 / 5	3800P	Indoor Only
	AIR-ANT2544V4M-R	Dual-resonant omni (4-pack)	4 / 4	3800P	Indoor Only
	AIR-ANT2566P4W-R	Dual-resonant "directional" antenna (4-pack)	6 / 6	3800P	3
	AIR-ANT2566D4M-R	Dual-Band Polarization-Diverse Directional Array	6 / 6	3800P	3
	AIR-ANT2513P4M-N	Dual-resonant cross-pol "directional" antenna (4-pack)	13 / 13	3800P	-7
	AIR-ANT25-LOC-02	Directional HL / Directional WiFi	3 / 4	3800P	
	AIR-ANT25-LOC-03	Linear HL / Omni WiFi	0 / 1	3800P	
	AIR-ANT25-LOC-04	Omni HL / Omni WiFi	0 / 1	3800P	

Section 3: Result Summary

3.1 Results Summary Table

Conducted emissions

Basic Standard	Technical Requirements / Details	Result
FCC 15.407 RSS-247	**6dB Bandwidth:** Systems using digital modulation techniques may operate in the 2400-2483.5MHz band. The minimum 6dB bandwidth shall be at least 500 kHz.	Pass
FCC 15.407 RSS-247	**99% & 26 dB Bandwidth:** The 99% occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. There is no limit for 99% OBW. The 26 dB emission is the width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 26 dB relative to the maximum level measured in the fundamental emission.	Pass
FCC 15.407 RSS-247	**Output Power:** For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.	Pass
FCC 15.407 RSS-247	**Power Spectral Density:** **15.407** The maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.	Pass
FCC 15.407 RSS-247	**Conducted Spurious Emissions / Band-Edge:** For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.	Pass
FCC 15.407 FCC 15.209 FCC 152.05 RSS-247 RSS-Gen	**Restricted band:** Unwanted emissions falling within the restricted bands, as defined in FCC 15.205 (a) must also comply with the radiated emission limits specified in FCC 15.209 (a).	Pass

Radiated Emissions (General requirements)

Basic Standard	Technical Requirements / Details	Result
FCC 15.407 FCC 15.209 FCC 15.205 RSS-Gen	**TX Spurious Emissions:** Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the filed strength limits table in this section.	Pass
FCC 15.207 RSS-Gen	**AC conducted Emissions:** Except when the requirements applicable to a given device state otherwise, for any radio apparatus equipped to operate from the public utility AC power supply, either directly or indirectly (such as with a battery charger), the radio frequency voltage of emissions conducted back onto the AC power lines in the frequency range of 0.15 MHz to 30 MHz shall not exceed the limits shown in the table in these sections. The more stringent limit applies at the frequency range boundaries.	Pass

***** MPE calculation is recorded in a separate report

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.

4.1 Sample Details

Sample No.	Equipment Details	Manufacturer	Hardware Rev.	Firmware Rev.	Software Rev.	Serial Number
S01	AIR-AP3802P-B-K9	Cisco Systems	01	Linux ver 3.14.33	U-boot	FOC1945132D
S02*	PWR-CUBE-B 341-100460-001	Delta	A0	NA	NA	Engineering sample

(*) S02 are support equipment Power supplies for EUT S01

4.2 System Details

System #	Description	Samples
1	AIR-AP3802P-B-K9	S01
2	PWR-CUBE-B	S02

4.3 Mode of Operation Details

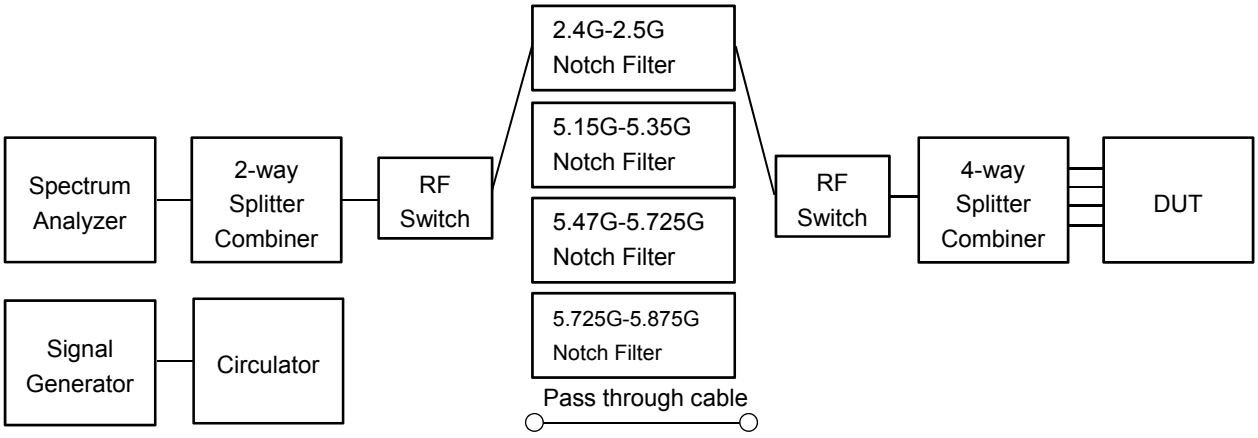
Mode#	Description	Comments
1	Continuous Transmitting	Continuous Transmitting ≥98% duty cycle

All measurements were made in accordance with

- ANSI C63.10:2013
- KDB 789033 D02 General UNII Test Procedures New Rules v01r01
- KDB 662911 D01 Multiple Transmitter Output v02r01

Appendix A: Emission Test Results

Conducted Test Setup Diagram



Target Maximum Channel Power

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

Antenna Gain : 2 dBi

Operating Mode	Maximum Channel Power (dBm) Frequency (MHz) 5745	5785
Non HT20, 6 to 54 Mbps	20	23
Non HT20 Beam Forming, 6 to 54 Mbps	18	23
HT/VHT20, M0 to M23	22	23
HT/VHT20 Beam Forming, M0 to M23	20	23
HT/VHT20 STBC, M0 to M7	22	23
	5755	5795
Non HT40, 6 to 54 Mbps	18	24
HT/VHT40, M0 to M23	21	23
HT/VHT40 Beam Forming, M0 to M23	20	23
HT/VHT40 STBC, M0 to M7	21	23
	5775	
Non HT80, 6 to 54 Mbps	17	
VHT80, M0 to M9, M0 to M9 1-1ss	20	
VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss	20	
VHT80 STBC, M0 to M9 1ss	20	

Antenna Gain : 3 dBi

Operating Mode	Maximum Channel Power (dBm) Frequency (MHz) 5745	5785
Non HT20, 6 to 54 Mbps	20	23
Non HT20 Beam Forming, 6 to 54 Mbps	17	23
HT/VHT20, M0 to M23	20	23
HT/VHT20 Beam Forming, M0 to M23	20	23
HT/VHT20 STBC, M0 to M7	20	23
	5755	5795
Non HT40, 6 to 54 Mbps	17	24
HT/VHT40, M0 to M23	19	23
HT/VHT40 Beam Forming, M0 to M23	19	23
HT/VHT40 STBC, M0 to M7	19	23
	5775	
Non HT80, 6 to 54 Mbps	17	
VHT80, M0 to M9, M0 to M9 1-1ss	20	
VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss	19	
VHT80 STBC, M0 to M9 1ss	20	

Antenna Gain : 4 dBi

Operating Mode	Maximum Channel Power (dBm) Frequency (MHz) 5745	5785
Non HT20, 6 to 54 Mbps	19	23
Non HT20 Beam Forming, 6 to 54 Mbps	17	23
HT/VHT20, M0 to M23	20	23
HT/VHT20 Beam Forming, M0 to M23	19	23
HT/VHT20 STBC, M0 to M7	20	23
	5755	5795
Non HT40, 6 to 54 Mbps	15	24
HT/VHT40, M0 to M23	19	23
HT/VHT40 Beam Forming, M0 to M23	19	23
HT/VHT40 STBC, M0 to M7	19	23
	5775	
Non HT80, 6 to 54 Mbps	16	
VHT80, M0 to M9, M0 to M9 1-1ss	19	
VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss	19	
VHT80 STBC, M0 to M9 1ss	19	

Antenna Gain : 5 dBi

Operating Mode	Maximum Channel Power (dBm) Frequency (MHz) 5745	5785
Non HT20, 6 to 54 Mbps	19	23
Non HT20 Beam Forming, 6 to 54 Mbps	17	23
HT/VHT20, M0 to M23	19	23
HT/VHT20 Beam Forming, M0 to M23	19	23
HT/VHT20 STBC, M0 to M7	19	23
	5755	5795
Non HT40, 6 to 54 Mbps	13	24
HT/VHT40, M0 to M23	18	23
HT/VHT40 Beam Forming, M0 to M23	18	23
HT/VHT40 STBC, M0 to M7	18	23
	5775	
Non HT80, 6 to 54 Mbps	16	
VHT80, M0 to M9, M0 to M9 1-1ss	19	
VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss	19	
VHT80 STBC, M0 to M9 1ss	19	

Antenna Gain : 6 dBi

Operating Mode	Maximum Channel Power (dBm) Frequency (MHz) 5745	5785
Non HT20, 6 to 54 Mbps	17	23
Non HT20 Beam Forming, 6 to 54 Mbps	17	23
HT/VHT20, M0 to M23	19	23
HT/VHT20 Beam Forming, M0 to M23	19	23
HT/VHT20 STBC, M0 to M7	19	23
	5755	5795
Non HT40, 6 to 54 Mbps	13	24
HT/VHT40, M0 to M23	18	23
HT/VHT40 Beam Forming, M0 to M23	18	23
HT/VHT40 STBC, M0 to M7	18	23
	5775	
Non HT80, 6 to 54 Mbps	15	
VHT80, M0 to M9, M0 to M9 1-1ss	18	
VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss	18	
VHT80 STBC, M0 to M9 1ss	18	

Antenna Gain : 8 dBi

Operating Mode	Maximum Channel Power (dBm) Frequency (MHz) 5745	5785
Non HT20, 6 to 54 Mbps	17	23
Non HT20 Beam Forming, 6 to 54 Mbps	13	22
HT/VHT20, M0 to M23	17	23
HT/VHT20 Beam Forming, M0 to M23	17	23
HT/VHT20 STBC, M0 to M7	17	23
	5755	5795
Non HT40, 6 to 54 Mbps	13	24
HT/VHT40, M0 to M23	15	23
HT/VHT40 Beam Forming, M0 to M23	15	23
HT/VHT40 STBC, M0 to M7	15	23
	5775	
Non HT80, 6 to 54 Mbps	13	
VHT80, M0 to M9, M0 to M9 1-1ss	16	
VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss	16	
VHT80 STBC, M0 to M9 1ss	16	

Antenna Gain : 13 dBi

Operating Mode	Maximum Channel Power (dBm) Frequency (MHz) 5745	5785
Non HT20, 6 to 54 Mbps	13	23
Non HT20 Beam Forming, 6 to 54 Mbps	13	19
HT/VHT20, M0 to M23	14	23
HT/VHT20 Beam Forming, M0 to M23	14	22
HT/VHT20 STBC, M0 to M7	14	23
	5755	5795
Non HT40, 6 to 54 Mbps	7	22
HT/VHT40, M0 to M23	10	23
HT/VHT40 Beam Forming, M0 to M23	10	22
HT/VHT40 STBC, M0 to M7	10	23
	5775	
Non HT80, 6 to 54 Mbps	11	
VHT80, M0 to M9, M0 to M9 1-1ss	12	
VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss	12	
VHT80 STBC, M0 to M9 1ss	12	

A.1 6dB Bandwidth

15.407 Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Test Procedure

Ref. KDB 789033 D02 General UNII Test Procedures New Rules v01r01
ANSI C63.10: 2013

6 BW Test Procedure
1. Set the radio in the continuous transmitting mode. 2. Allow the trace to stabilize. 3. Setting the x-dB bandwidth mode to -6dB within the measurement set up function. 4. Select the automatic OBW measurement function of an instrument to perform bandwidth measurement. 5. Capture graphs and record pertinent measurement data.

Ref. KDB 789033 D02 General UNII Test Procedures New Rules v01r01
ANSI C63.10: 2013 section 11.8.2 Option 2

6 BW Test parameters
X dB BW = 6dB (using the OBW function of the spectrum analyzer) Span = Large enough to capture the entire EBW RBW = 100 KHz VBW ≥ 3 x RBW Sweep = Auto couple Detector = Peak or where practical sample shall be used Trace = Max. Hold

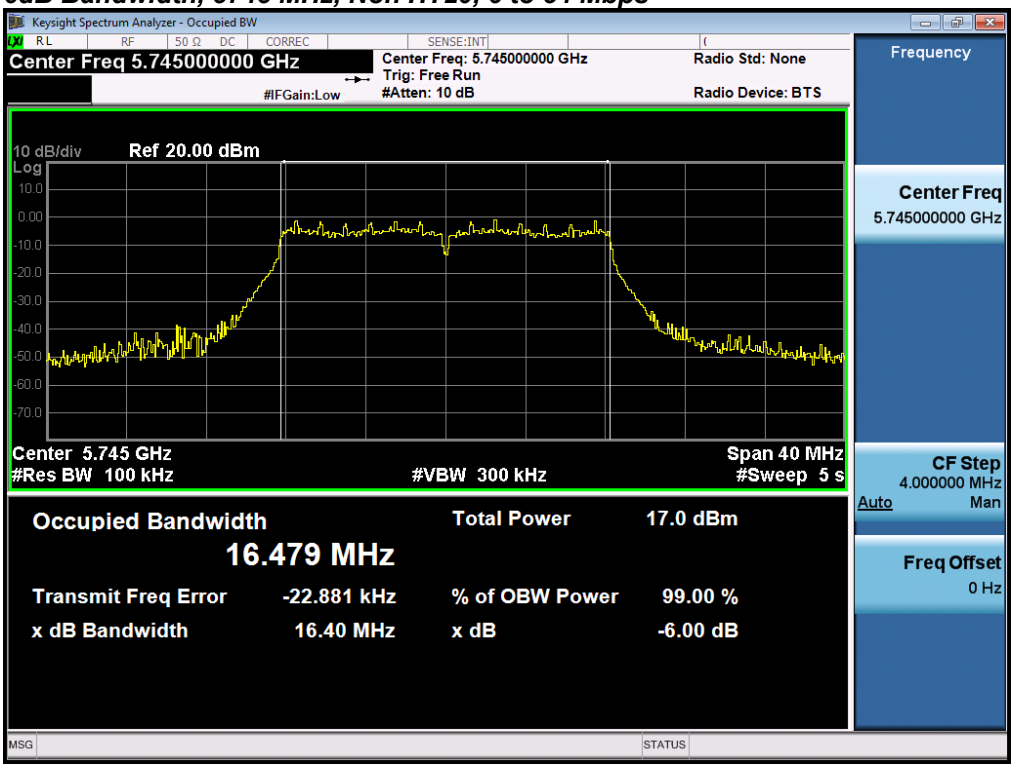
System Number	Description	Samples	System under test	Support equipment
1	EUT	S01	☑	☐
	Support	S02	☐	☑

Tested By :	**Date of testing:**
Jose Aguirre	01-Jan-16 - 03-Mar-16
Test Result : PASS	

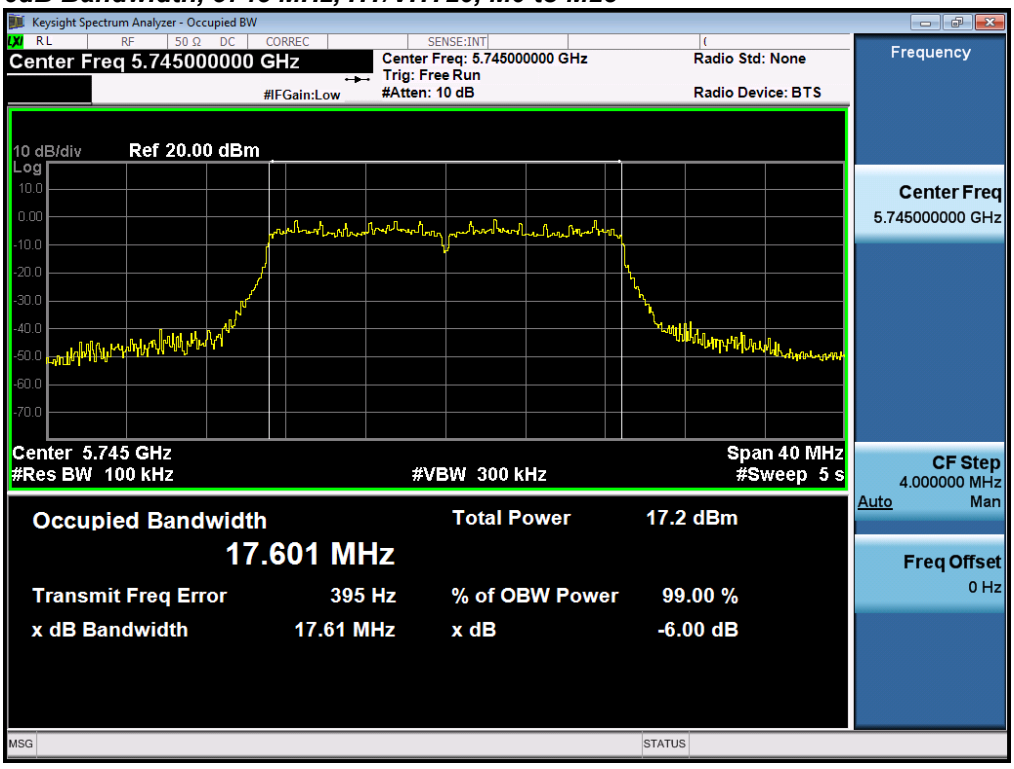
See Appendix C for list of test equipment

Frequency (MHz)	Mode	Data Rate (Mbps)	6dB BW (MHz)	Limit (kHz)	Margin (MHz)
5745	Non HT20, 6 to 54 Mbps	6	16.4	>500	15.9
	HT/VHT20, M0 to M23	m0	17.6	>500	17.1
5755	Non HT40, 6 to 54 Mbps	6	35.6	>500	35.1
	HT/VHT40, M0 to M23	m0	35.5	>500	35.0
5775	Non HT80, 6 to 54 Mbps	6	76.4	>500	75.9
	VHT80, M0 to M9, M0 to M9 1-1ss	m0x1	76.3	>500	75.8
5785	Non HT20, 6 to 54 Mbps	6	16.4	>500	15.9
	HT/VHT20, M0 to M23	m0	17.6	>500	17.1
5795	Non HT40, 6 to 54 Mbps	6	35.8	>500	35.3
	HT/VHT40, M0 to M23	m0	35.6	>500	35.1
5825	Non HT20, 6 to 54 Mbps	6	16.4	>500	15.9
	HT/VHT20, M0 to M23	m0	17.6	>500	17.1

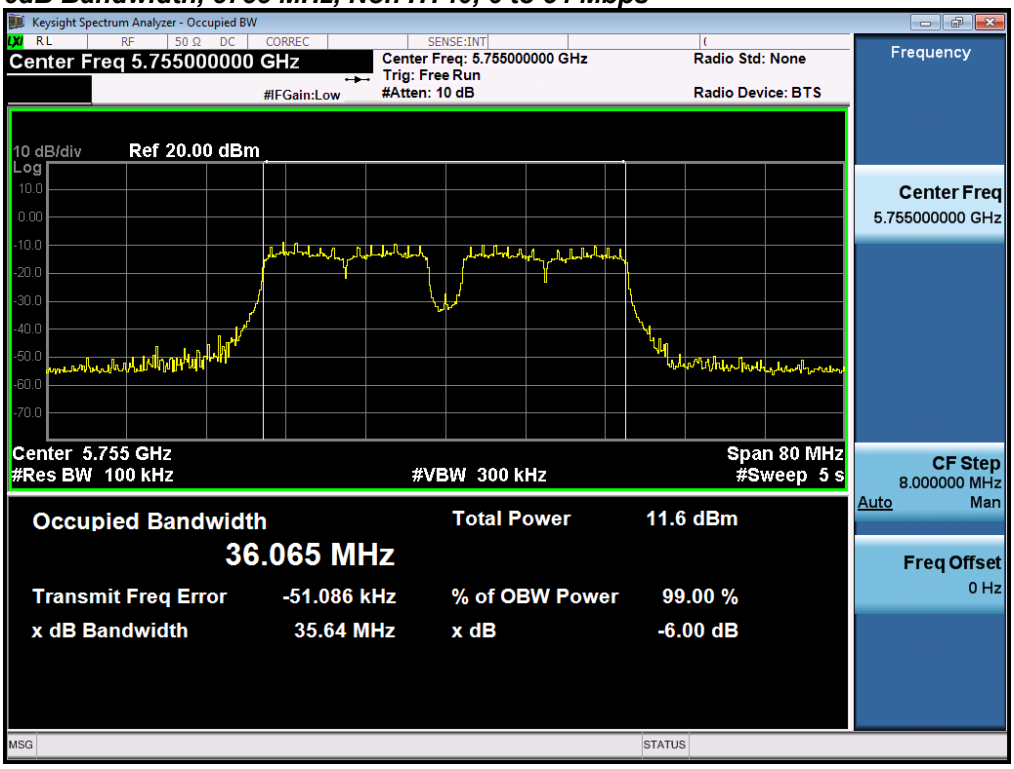
6dB Bandwidth, 5745 MHz, Non HT20, 6 to 54 Mbps



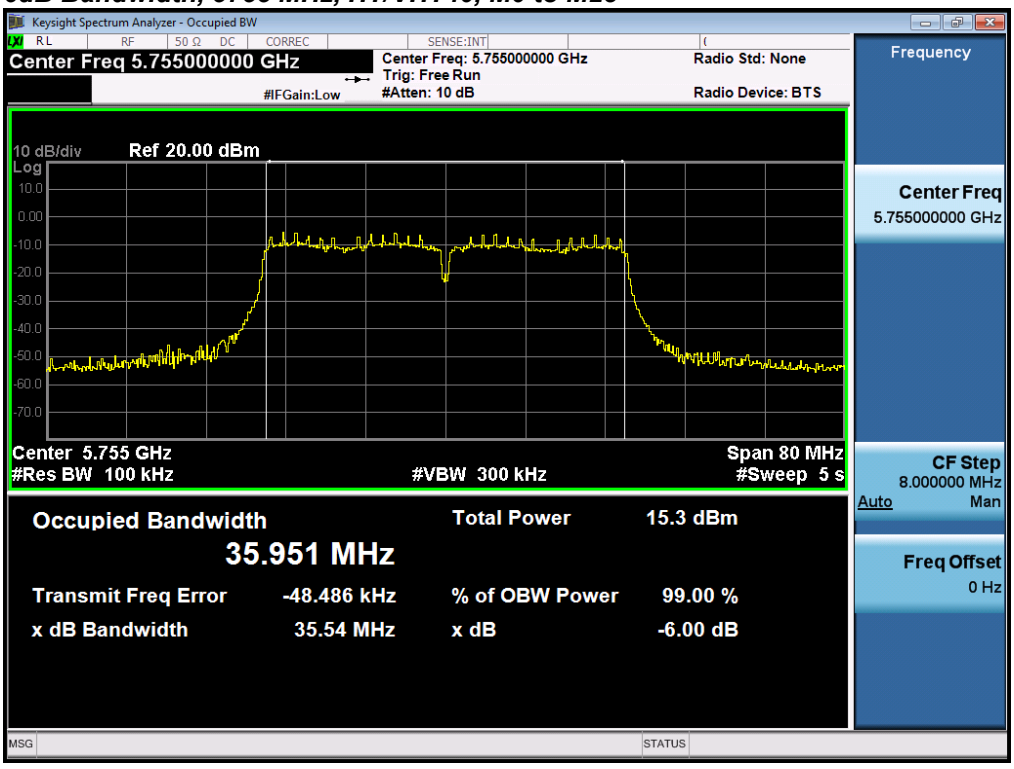
6dB Bandwidth, 5745 MHz, HT/VHT20, M0 to M23



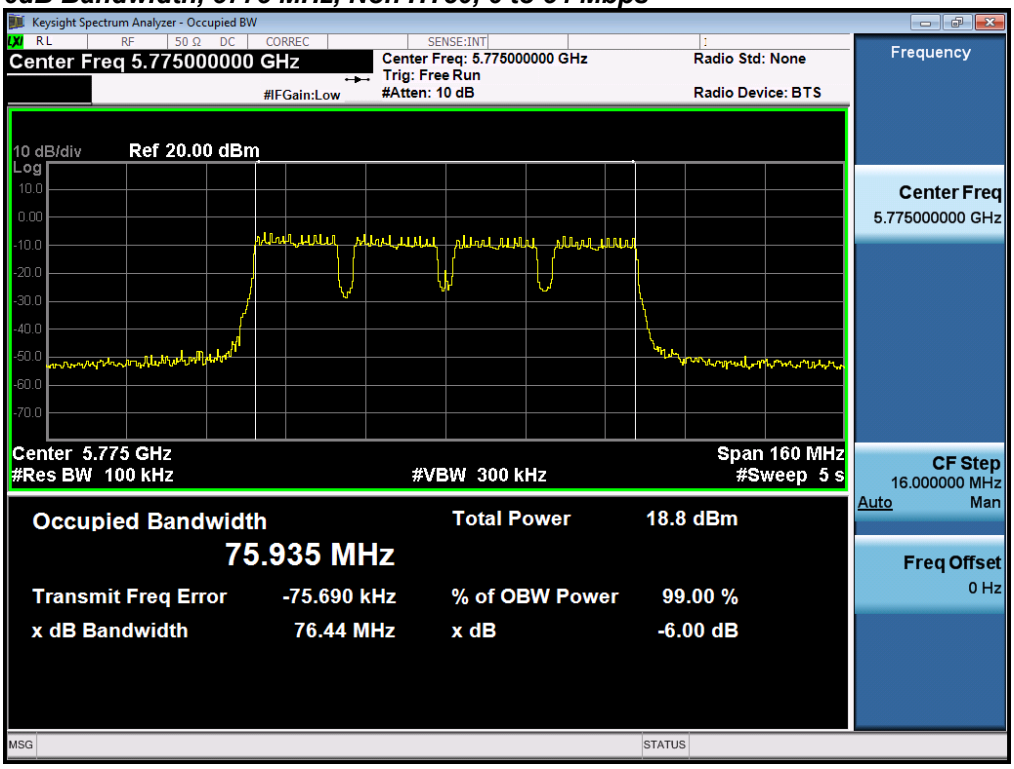
6dB Bandwidth, 5755 MHz, Non HT40, 6 to 54 Mbps



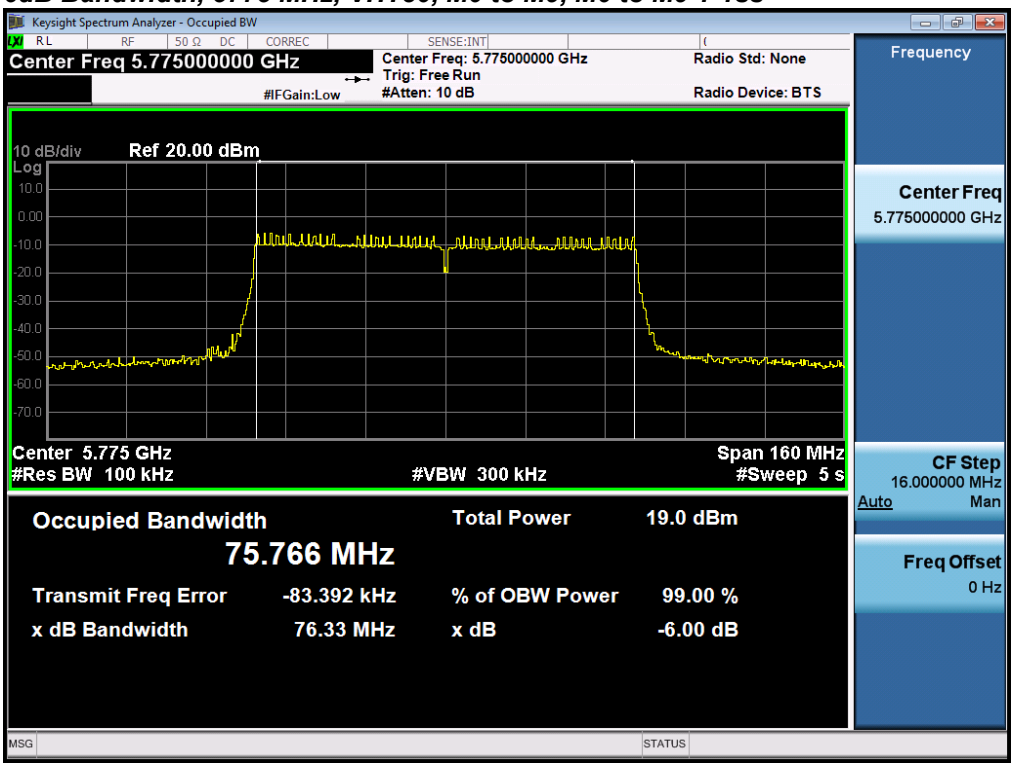
6dB Bandwidth, 5755 MHz, HT/VHT40, M0 to M23



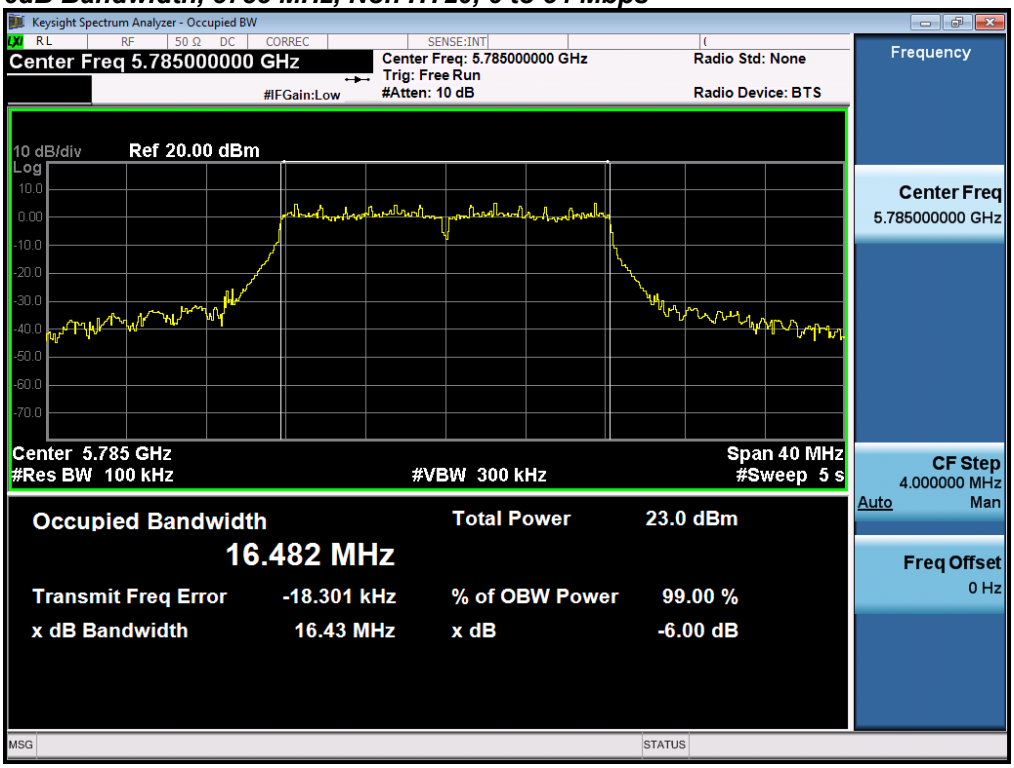
6dB Bandwidth, 5775 MHz, Non HT80, 6 to 54 Mbps



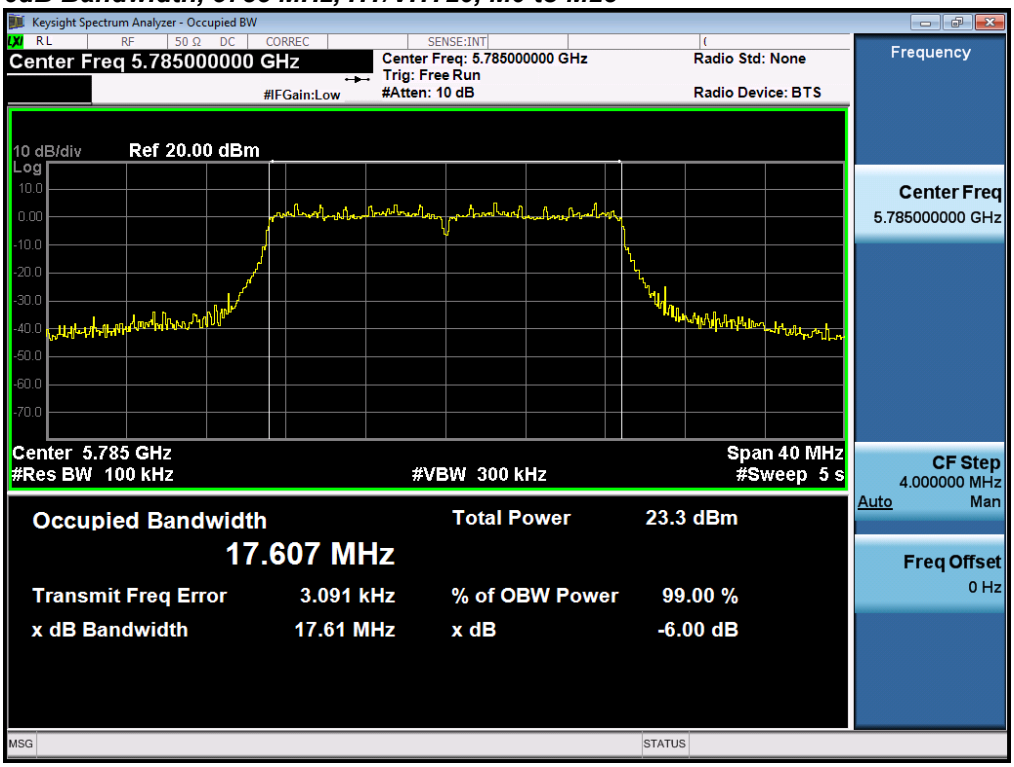
6dB Bandwidth, 5775 MHz, VHT80, M0 to M9, M0 to M9 1-1ss



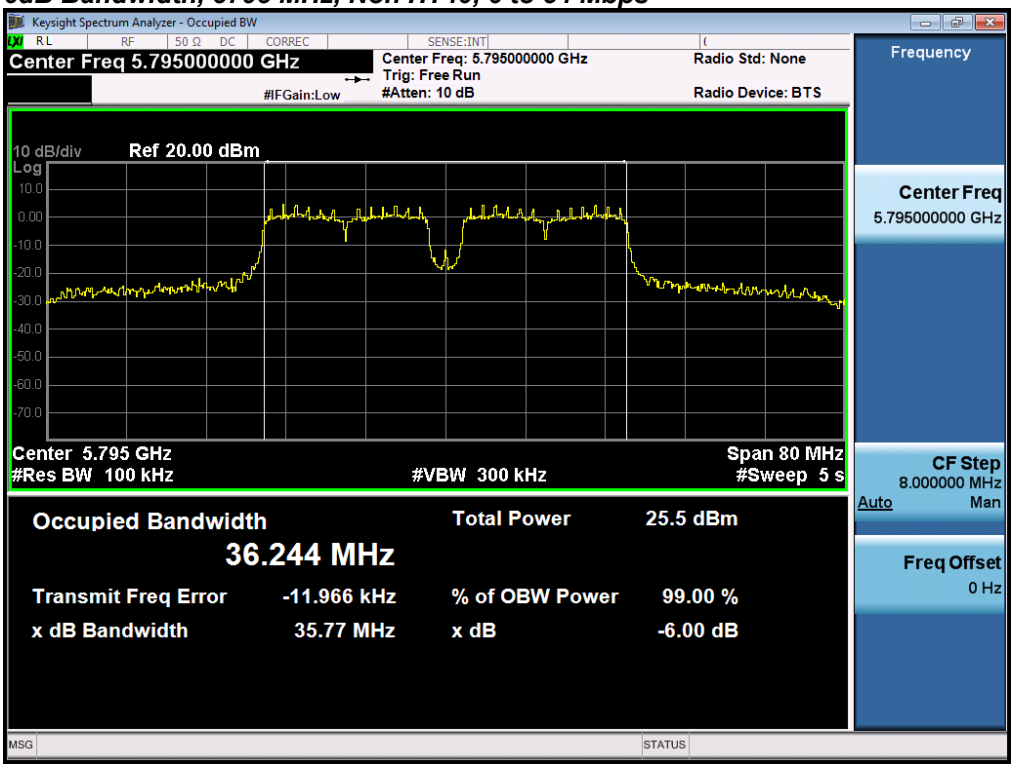
6dB Bandwidth, 5785 MHz, Non HT20, 6 to 54 Mbps



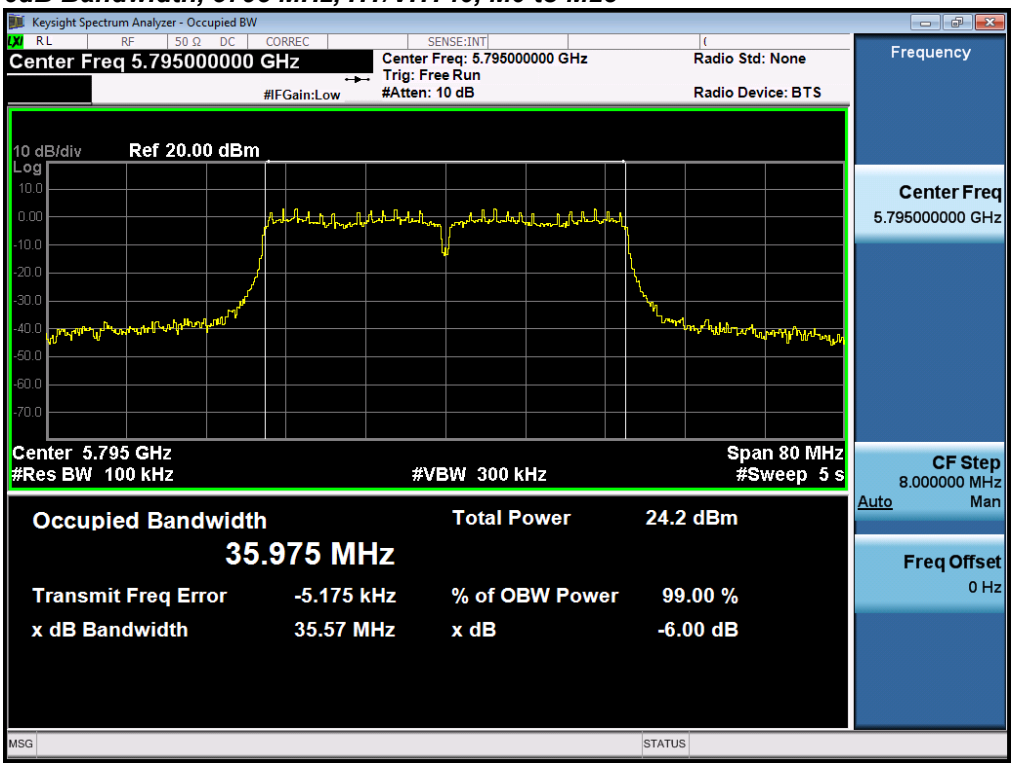
6dB Bandwidth, 5785 MHz, HT/VHT20, M0 to M23



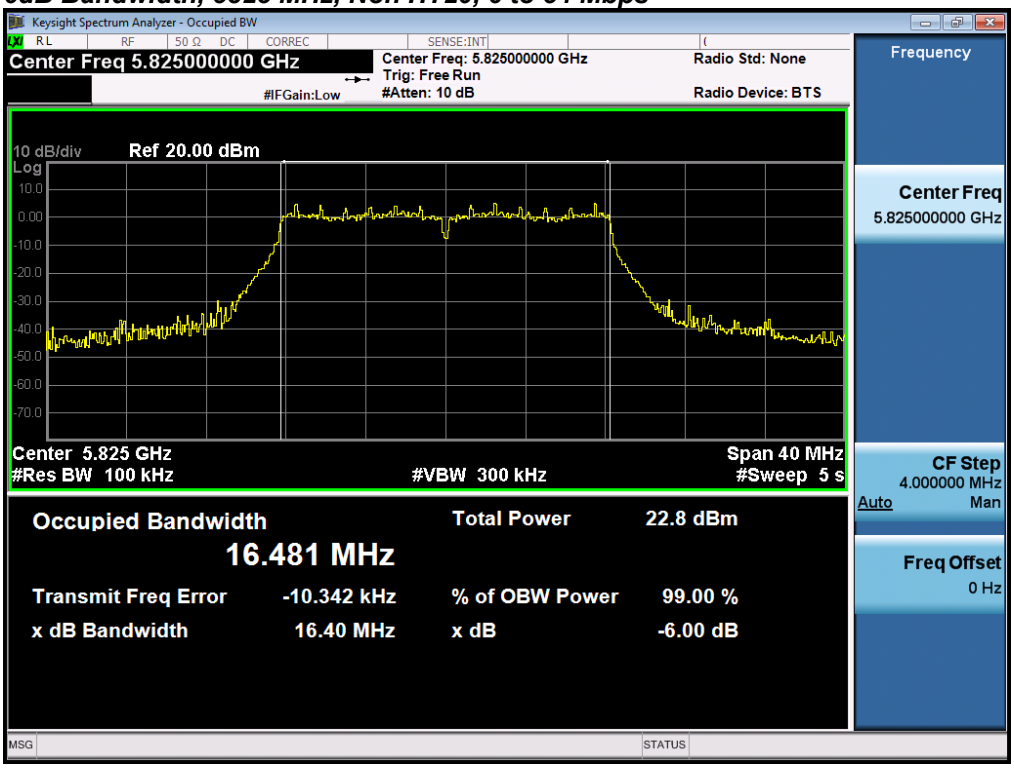
6dB Bandwidth, 5795 MHz, Non HT40, 6 to 54 Mbps



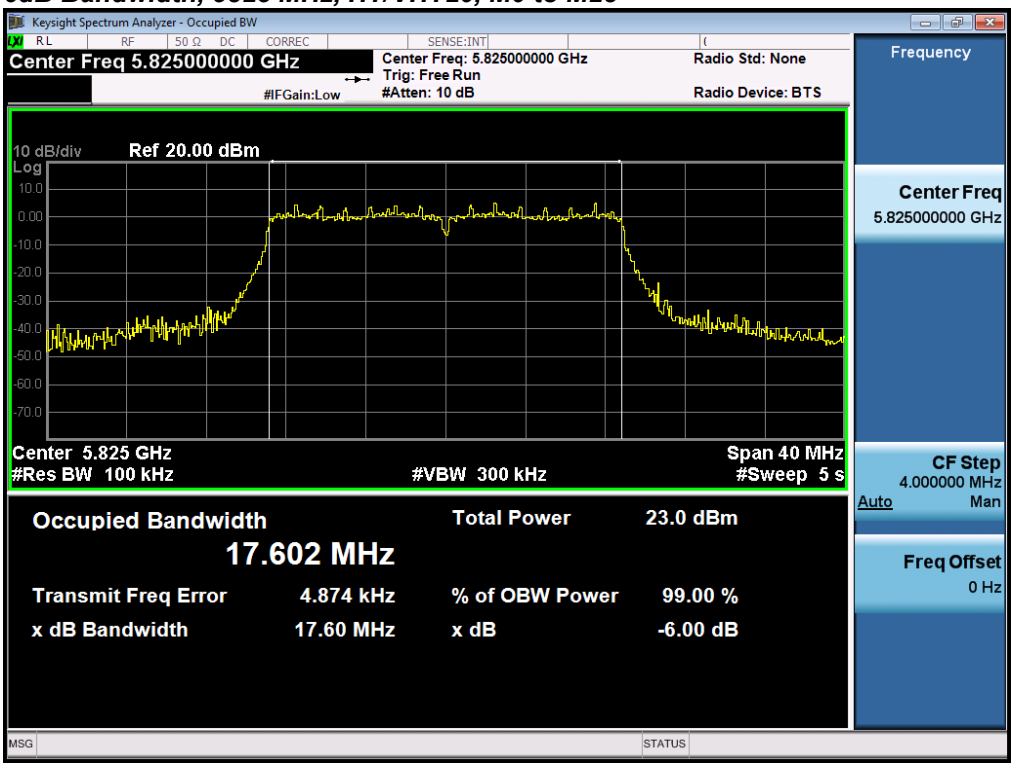
6dB Bandwidth, 5795 MHz, HT/VHT40, M0 to M23



6dB Bandwidth, 5825 MHz, Non HT20, 6 to 54 Mbps



6dB Bandwidth, 5825 MHz, HT/VHT20, M0 to M23



A.2 99% and 26dB Bandwidth

FCC 15.407 The 99% occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. There is no limit for 99% OBW.

The 26 dB emission is the width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 26 dB relative to the maximum level measured in the fundamental emission.

Test Procedure

Ref. ANSI C63.10: 2013 Section 6.9.3

99% BW and EBW (-26dB)
Test Procedure
1. Set the radio in the continuous transmitting mode.
2. Allow the trace to stabilize.
3. Setting the x-dB bandwidth mode to -26dB and OBW power function to 99% within the measurement set up function.
4. Select the automatic OBW measurement function of an instrument to perform bandwidth measurement.
5. Capture graphs and record pertinent measurement data.

Ref. ANSI C63.10: 2013 Section 6.9.3

99% BW and EBW (-26dB)
Test parameters
Span = 1.5 x to 5.0 times OBW
RBW = approx. 1% to 5% of the OBW
VBW ≥ 3 x RBW
Detector = Peak or where practical sample shall be used
Trace = Max. Hold

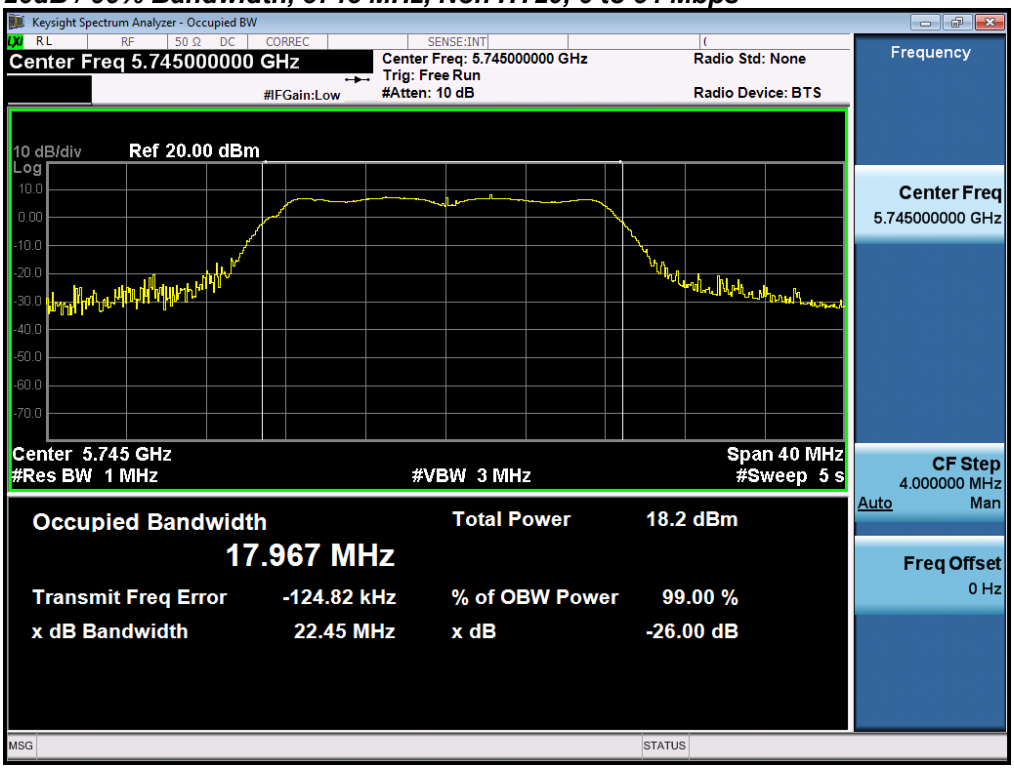
System Number	Description	Samples	System under test	Support equipment
1	EUT	S01	☑	☐
	Support	S02	☐	☑

Tested By :	**Date of testing:**
Jose Aguirre	01-Jan-16 - 03-Mar-16
Test Result : PASS	

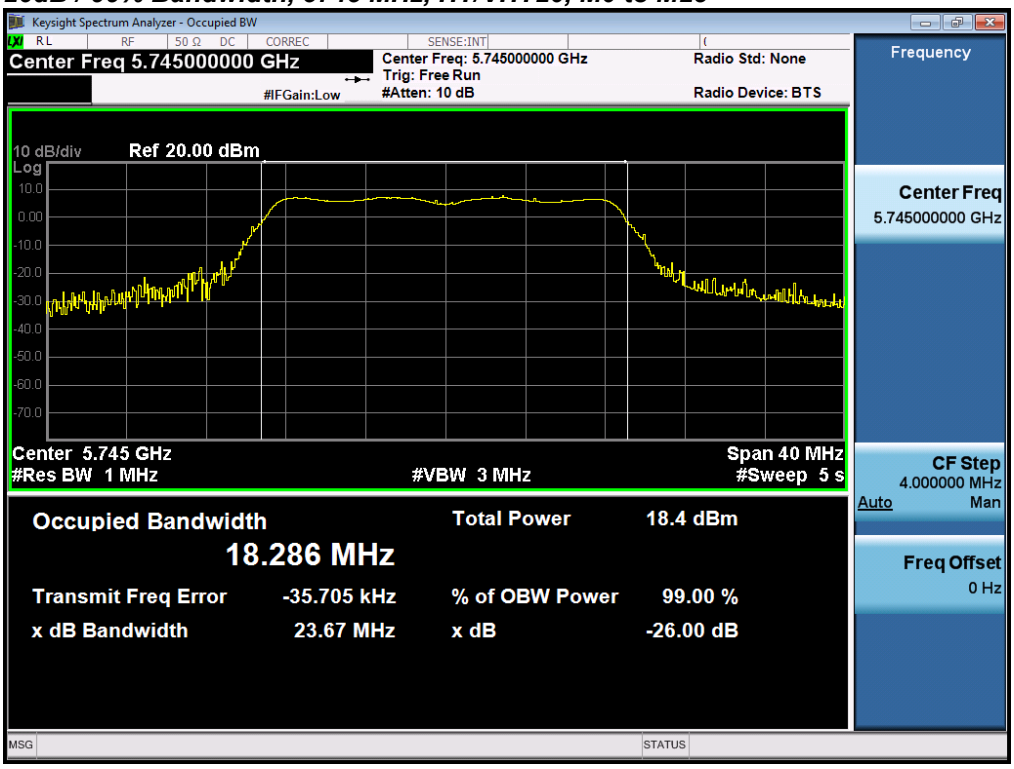
See Appendix C for list of test equipment

Frequency (MHz)	Mode	Data Rate (Mbps)	26dB BW (MHz)	99% BW (MHz)
5745	Non HT20, 6 to 54 Mbps	6	22.5	18.0
	HT/VHT20, M0 to M23	m0	23.7	18.3
5755	Non HT40, 6 to 54 Mbps	6	47.3	37.0
	HT/VHT40, M0 to M23	m0	42.7	36.6
5775	Non HT80, 6 to 54 Mbps	6	84.3	76.4
	VHT80, M0 to M9, M0 to M9 1-1ss	m0x1	84.5	76.6
5785	Non HT20, 6 to 54 Mbps	6	24.7	18.0
	HT/VHT20, M0 to M23	m0	22.6	18.3
5795	Non HT40, 6 to 54 Mbps	6	76.3	38.3
	HT/VHT40, M0 to M23	m0	43.6	36.6
5825	Non HT20, 6 to 54 Mbps	6	23.4	18.0
	HT/VHT20, M0 to M23	m0	23.4	18.3

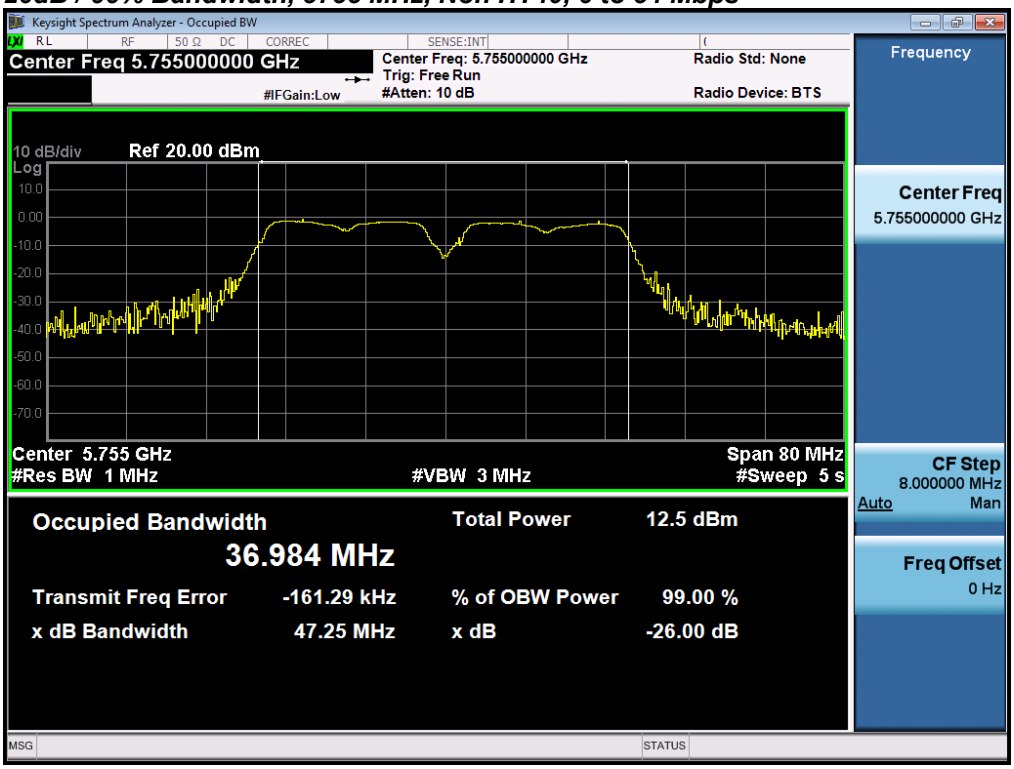
26dB / 99% Bandwidth, 5745 MHz, Non HT20, 6 to 54 Mbps



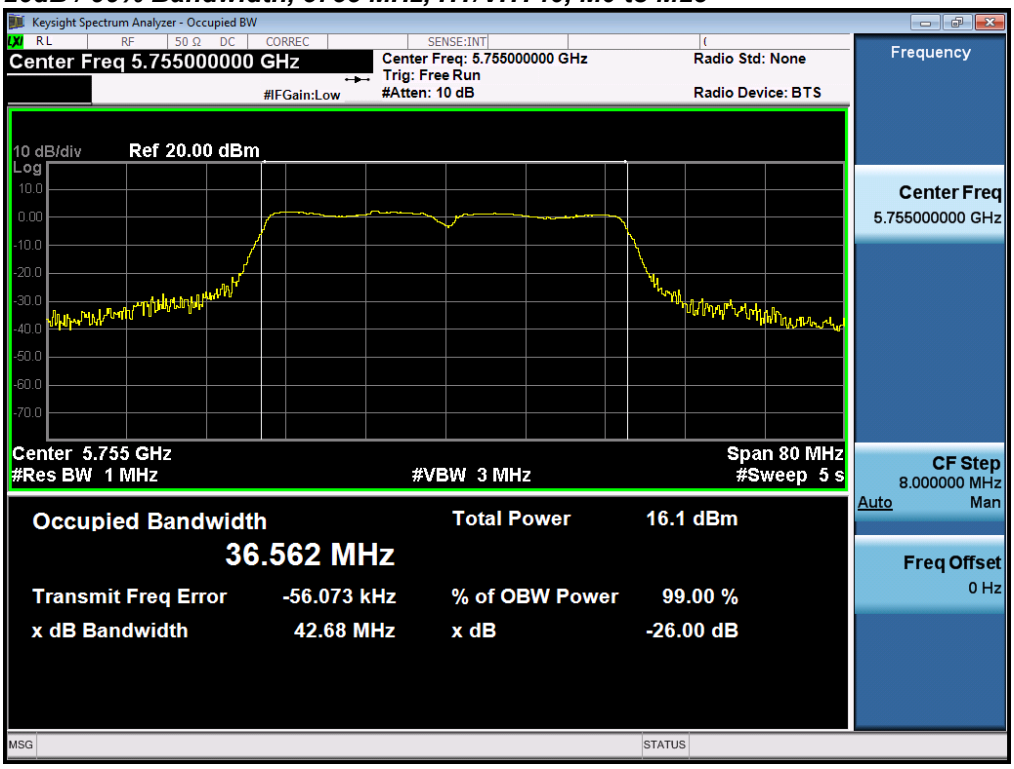
26dB / 99% Bandwidth, 5745 MHz, HT/VHT20, M0 to M23



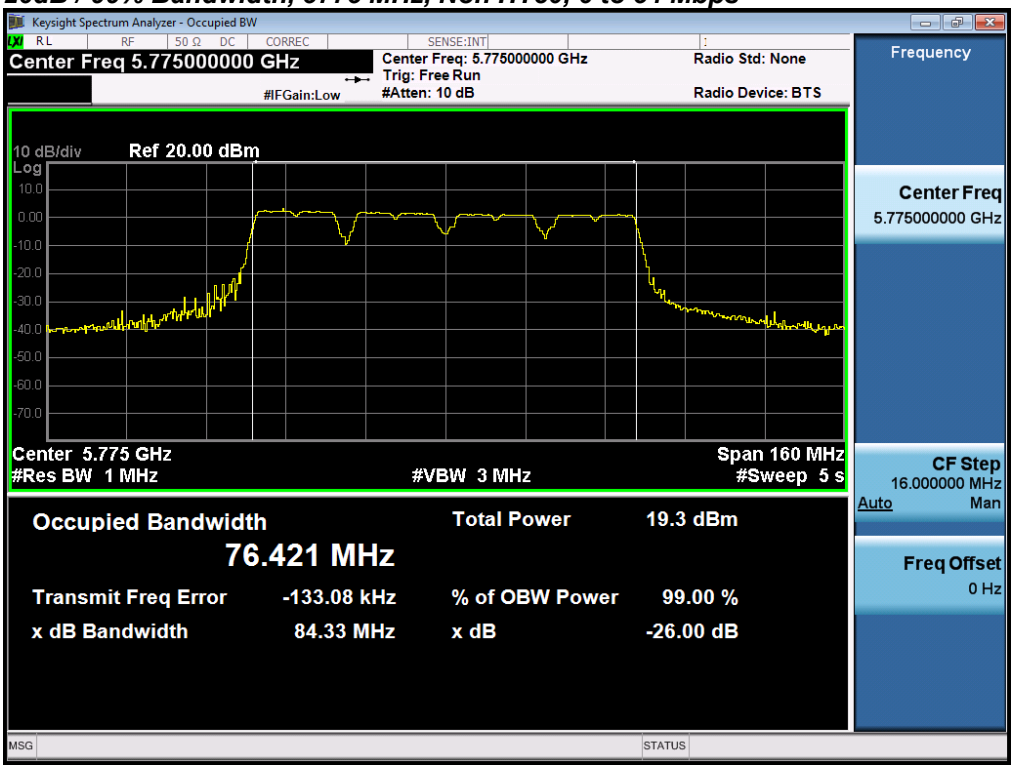
26dB / 99% Bandwidth, 5755 MHz, Non HT40, 6 to 54 Mbps



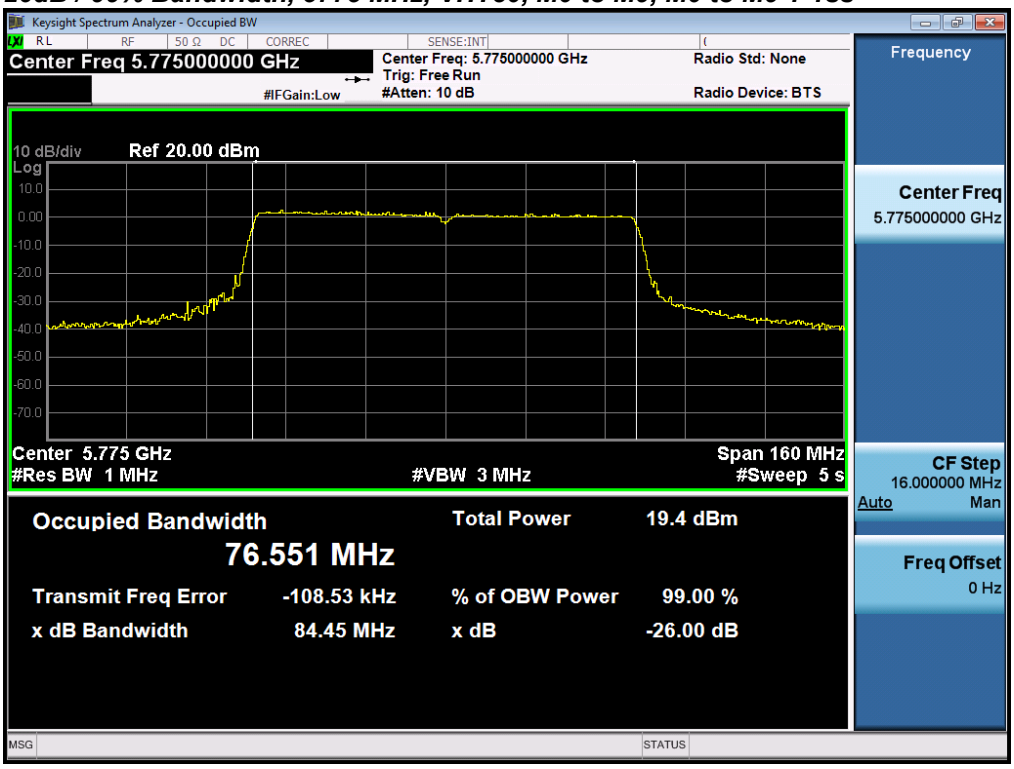
26dB / 99% Bandwidth, 5755 MHz, HT/VHT40, M0 to M23



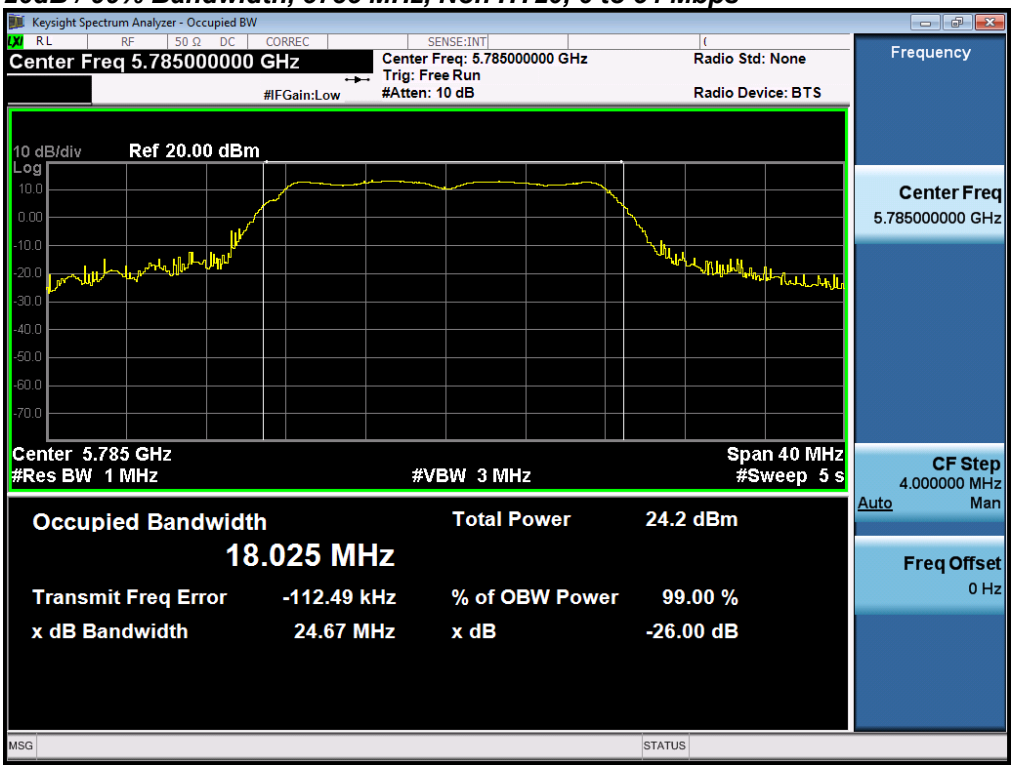
26dB / 99% Bandwidth, 5775 MHz, Non HT80, 6 to 54 Mbps



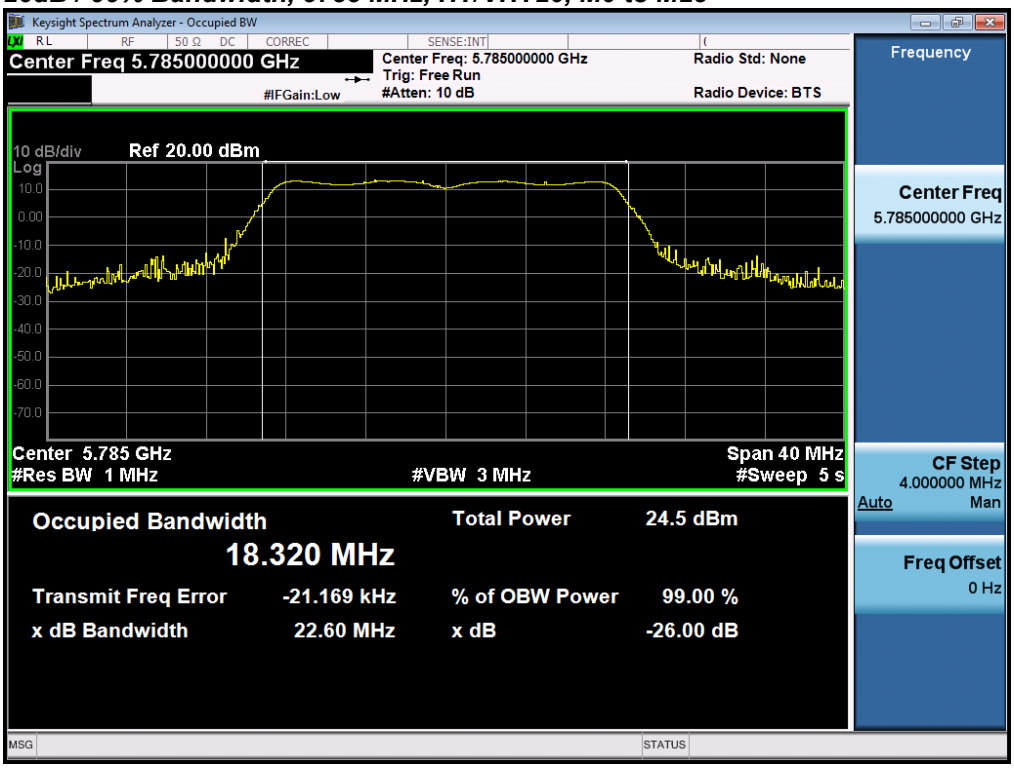
26dB / 99% Bandwidth, 5775 MHz, VHT80, M0 to M9, M0 to M9 1-1ss



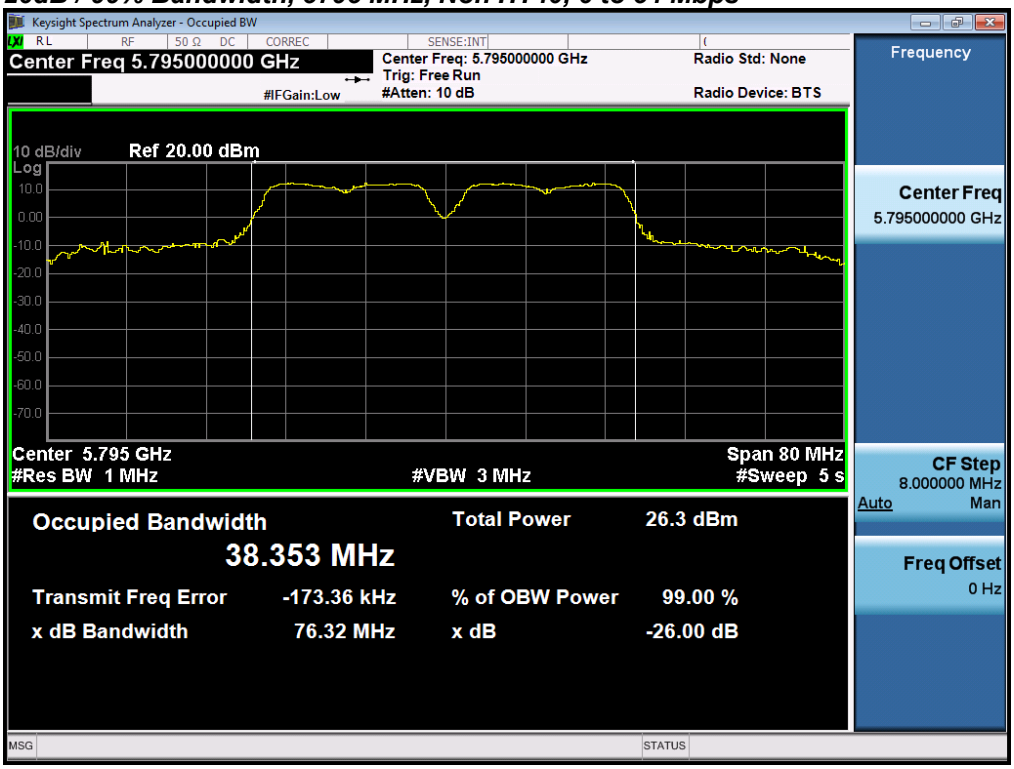
26dB / 99% Bandwidth, 5785 MHz, Non HT20, 6 to 54 Mbps



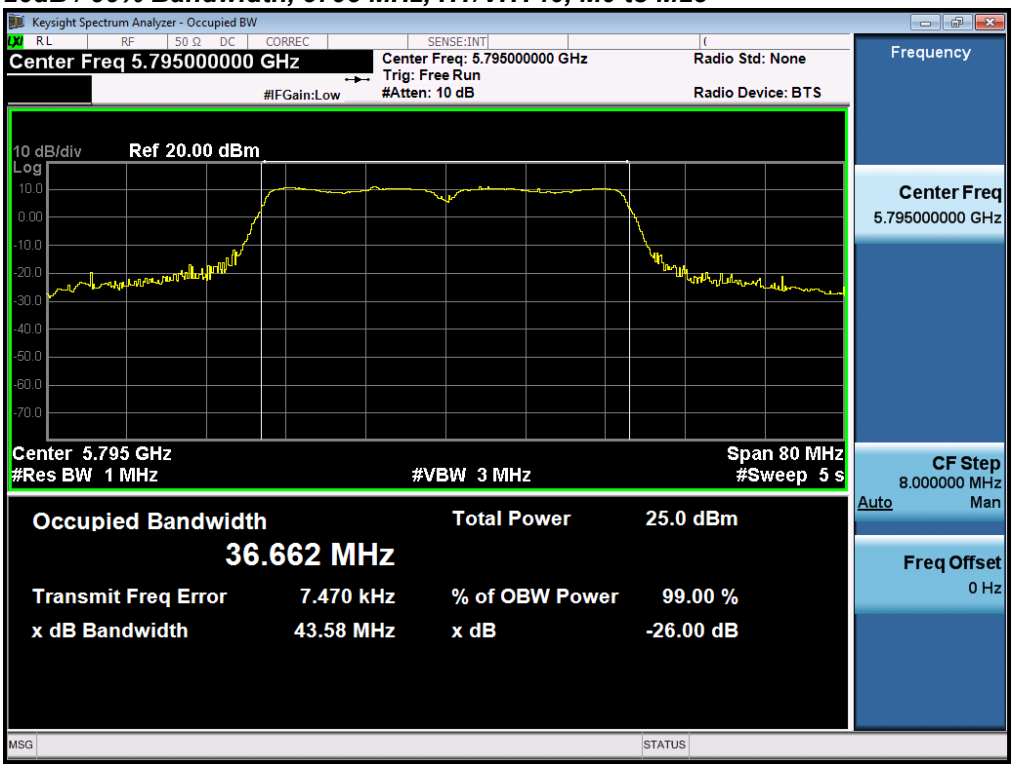
26dB / 99% Bandwidth, 5785 MHz, HT/VHT20, M0 to M23



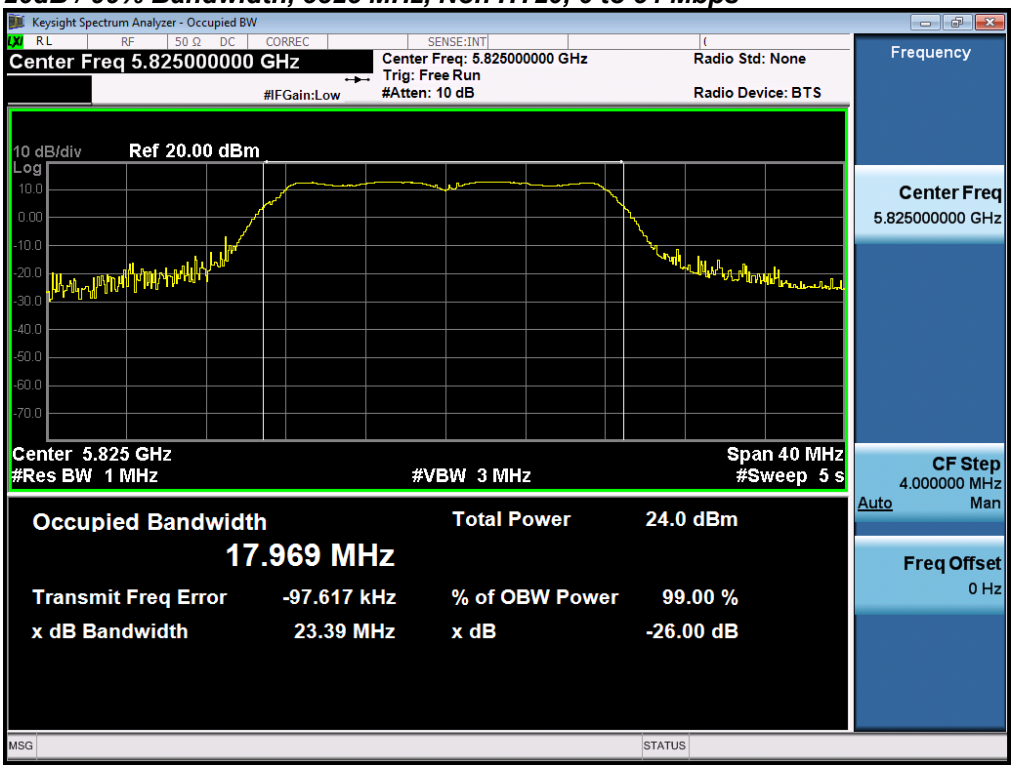
26dB / 99% Bandwidth, 5795 MHz, Non HT40, 6 to 54 Mbps



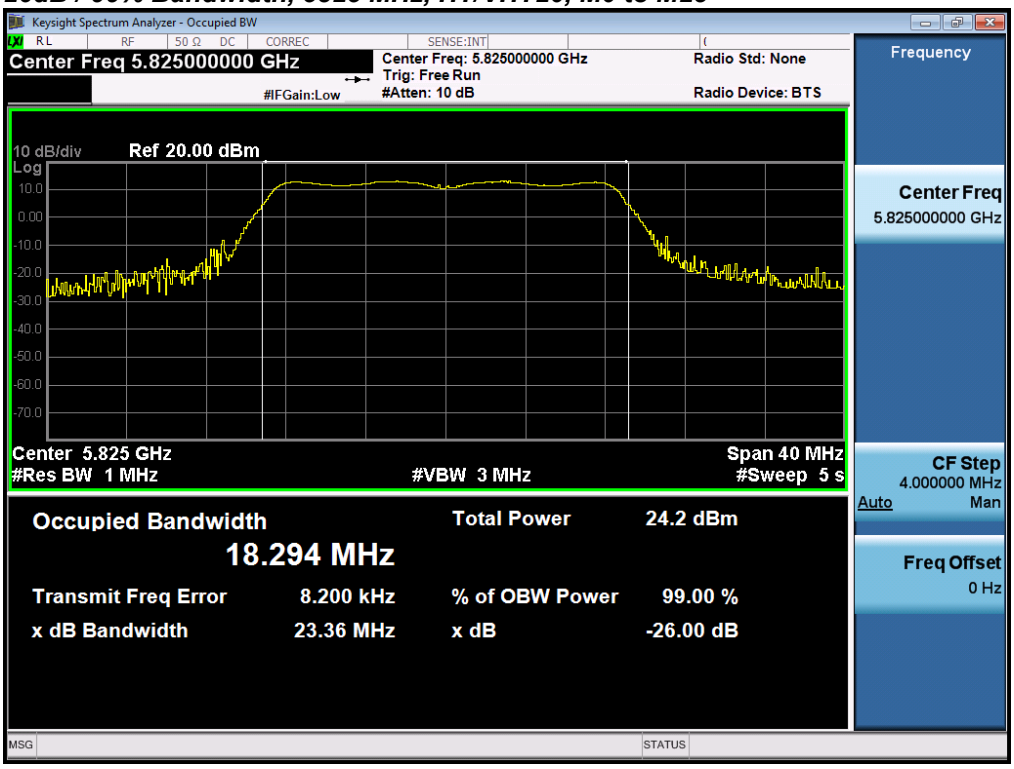
26dB / 99% Bandwidth, 5795 MHz, HT/VHT40, M0 to M23



26dB / 99% Bandwidth, 5825 MHz, Non HT20, 6 to 54 Mbps



26dB / 99% Bandwidth, 5825 MHz, HT/VHT20, M0 to M23



A.3 Maximum Conducted Output Power

15.407 (a) (3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

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.

Test Procedure

Ref. KDB 789033 D02 General UNII Test Procedures New Rules v01r01
ANSI C63.10: 2013

Output Power Test Procedure
1. Set the radio in the continuous transmitting mode at full power 2. Compute power by integrating the spectrum across the EBW (or alternatively entire 99% OBW) of the signal using the instrument's band power measurement function. The integration shall be performed using the spectrum analyzer band-power measurement function with band limits set equal to the EBW or the OBW band edges. 3. Capture graphs and record pertinent measurement data.

Ref. KDB 789033 D02 General UNII Test Procedures New Rules v01r01
ANSI C63.10: 2013 section 12.3.2.2 Method SA-1

Output Power Test parameters
Span = >1.5 times the OBW RBW = 1MHz VBW ≥ 3 x RBW Sweep = Auto couple Detector = sample Trace = Trace Average 100

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. (See ANSI C63.10 section 14.3.2.2)

System Number	Description	Samples	System under test	Support equipment
1	EUT	S01	☑	☐
	Support	S02	☐	☑

Tested By : Jose Aguirre	**Date of testing:** 01-Jan-16 - 03-Mar-16
Test Result : PASS	

See Appendix C for list of test equipment

Antenna Gain : 2 dBi

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)
5745	Non HT20, 6 to 54 Mbps	1	2	17.4				17.4	30.0	12.6
	Non HT20, 6 to 54 Mbps	2	2	17.4	16.5			20.0	30.0	10.0
	Non HT20, 6 to 54 Mbps	3	2	15.2	15.2	14.8		19.8	30.0	10.2
	Non HT20, 6 to 54 Mbps	4	2	14.0	13.1	12.5	14.2	19.5	30.0	10.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	5	15.2	14.1			17.7	30.0	12.3
	Non HT20 Beam Forming, 6 to 54 Mbps	3	7	12.1	9.1	8.4		15.0	29.0	14.0
	Non HT20 Beam Forming, 6 to 54 Mbps	4	8	10.9	8.2	7.3	9.2	15.1	28.0	12.9
	HT/VHT20, M0 to M7	1	2	17.6				17.6	30.0	12.4
	HT/VHT20, M0 to M7	2	2	17.6	16.6			20.1	30.0	9.9
	HT/VHT20, M8 to M15	2	2	17.6	16.6			20.1	30.0	9.9
	HT/VHT20, M0 to M7	3	2	16.6	15.4	14.9		20.5	30.0	9.5
	HT/VHT20, M8 to M15	3	2	16.6	15.4	14.9		20.5	30.0	9.5
	HT/VHT20, M16 to M23	3	2	16.6	15.4	14.9		20.5	30.0	9.5
	HT/VHT20, M0 to M7	4	2	16.6	15.4	14.9	17.9	22.4	30.0	7.6
	HT/VHT20, M8 to M15	4	2	16.6	15.4	14.9	17.9	22.4	30.0	7.6
	HT/VHT20, M16 to M23	4	2	16.6	15.4	14.9	17.9	22.4	30.0	7.6
	HT/VHT20 Beam Forming, M0 to M7	2	5	16.6	15.4			19.1	30.0	10.9
	HT/VHT20 Beam Forming, M8 to M15	2	2	17.6	16.6			20.1	30.0	9.9
	HT/VHT20 Beam Forming, M0 to M7	3	7	12.2	11.4	10.8		16.3	29.0	12.7
	HT/VHT20 Beam Forming, M8 to M15	3	4	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20 Beam Forming, M16 to M23	3	2	16.6	15.4	14.9		20.5	30.0	9.5
	HT/VHT20 Beam Forming, M0 to M7	4	8	10.9	8.2	7.3	9.2	15.1	28.0	12.9
	HT/VHT20 Beam Forming, M8 to M15	4	5	12.2	11.4	10.8	12.4	17.8	30.0	12.2
	HT/VHT20 Beam Forming, M16 to M23	4	3	14.1	13.2	12.7	14.4	19.7	30.0	10.3
	HT/VHT20 STBC, M0 to M7	2	2	17.6	16.6			20.1	30.0	9.9
	HT/VHT20 STBC, M0 to M7	3	2	16.6	15.4	14.9		20.5	30.0	9.5
	HT/VHT20 STBC, M0 to M7	4	2	16.6	15.4	14.9	17.9	22.4	30.0	7.6
5755	Non HT40, 6 to 54 Mbps	1	2	13.8				13.8	30.0	16.2
	Non HT40, 6 to 54 Mbps	2	2	13.8	13.3			16.6	30.0	13.4
	Non HT40, 6 to 54 Mbps	3	2	12.8	10.9	11.1		16.5	30.0	13.5
	Non HT40, 6 to 54 Mbps	4	2	12.8	10.9	11.1	12.5	17.9	30.0	12.1
	HT/VHT40, M0 to M7	1	2	17.8				17.8	30.0	12.2

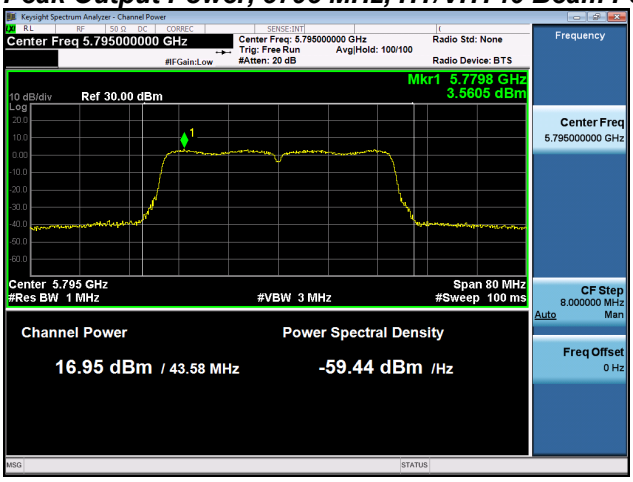
	HT/VHT40, M0 to M7	2	2	17.8	16.5			20.2	30.0	9.8
	HT/VHT40, M8 to M15	2	2	17.8	16.5			20.2	30.0	9.8
	HT/VHT40, M0 to M7	3	2	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40, M8 to M15	3	2	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40, M16 to M23	3	2	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40, M0 to M7	4	2	15.1	14.2	13.9	15.2	20.7	30.0	9.3
	HT/VHT40, M8 to M15	4	2	15.1	14.2	13.9	15.2	20.7	30.0	9.3
	HT/VHT40, M16 to M23	4	2	15.1	14.2	13.9	15.2	20.7	30.0	9.3
	HT/VHT40 Beam Forming, M0 to M7	2	5	15.1	14.2			17.7	30.0	12.3
	HT/VHT40 Beam Forming, M8 to M15	2	2	17.8	16.5			20.2	30.0	9.8
	HT/VHT40 Beam Forming, M0 to M7	3	7	10.5	7.5	7.8		13.6	29.0	15.4
	HT/VHT40 Beam Forming, M8 to M15	3	4	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40 Beam Forming, M16 to M23	3	2	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40 Beam Forming, M0 to M7	4	8	9.3	6.5	6.6	8.3	13.9	28.0	14.1
	HT/VHT40 Beam Forming, M8 to M15	4	5	12.7	9.6	9.9	11.2	17.0	30.0	13.0
	HT/VHT40 Beam Forming, M16 to M23	4	3	12.7	9.6	9.9	11.2	17.0	30.0	13.0
	HT/VHT40 STBC, M0 to M7	2	2	17.8	16.5			20.2	30.0	9.8
	HT/VHT40 STBC, M0 to M7	3	2	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40 STBC, M0 to M7	4	2	15.1	14.2	13.9	15.2	20.7	30.0	9.3
5775	Non HT80, 6 to 54 Mbps	1	2	13.9				13.9	30.0	16.1
	Non HT80, 6 to 54 Mbps	2	2	13.9	13.4			16.7	30.0	13.3
	Non HT80, 6 to 54 Mbps	3	2	12.5	12.3	12.5		17.2	30.0	12.8
	Non HT80, 6 to 54 Mbps	4	2	11.3	11.1	11.4	11.7	17.4	30.0	12.6
	VHT80, M0 to M9 1ss	1	2	14.2				14.2	30.0	15.8
	VHT80, M0 to M9 1ss	2	2	14.2	15.2			17.7	30.0	12.3
	VHT80, M0 to M9 2ss	2	2	14.2	15.2			17.7	30.0	12.3
	VHT80, M0 to M9 1ss	3	2	14.2	15.2	15.5		19.8	30.0	10.2
	VHT80, M0 to M9 2ss	3	2	14.2	15.2	15.5		19.8	30.0	10.2
	VHT80, M0 to M9 3ss	3	2	14.2	15.2	15.5		19.8	30.0	10.2
	VHT80, M0 to M9 1ss	4	2	14.2	14.0	14.4	14.5	20.3	30.0	9.7
	VHT80, M0 to M9 2ss	4	2	14.2	14.0	14.4	14.5	20.3	30.0	9.7
	VHT80, M0 to M9 3ss	4	2	14.2	14.0	14.4	14.5	20.3	30.0	9.7
	VHT80 Beam Forming, M0 to M9 1ss	2	5	14.2	14.0			17.1	30.0	12.9
	VHT80 Beam Forming, M0 to M9 2ss	2	2	14.2	15.2			17.7	30.0	12.3
	VHT80 Beam Forming, M0 to M9 1ss	3	7	11.0	10.9	11.2		15.8	29.0	13.2
	VHT80 Beam Forming, M0 to M9 2ss	3	4	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80 Beam Forming, M0 to M9 3ss	3	2	14.2	15.2	15.5		19.8	30.0	10.2
	VHT80 Beam Forming, M0 to M9 1ss	4	8	10.4	8.2	8.0	8.5	14.9	28.0	13.1
	VHT80 Beam Forming, M0 to M9 2ss	4	5	12.0	11.9	12.2	12.5	18.2	30.0	11.8
	VHT80 Beam Forming, M0 to M9 3ss	4	3	14.2	14.0	14.4	14.5	20.3	30.0	9.7

	VHT80 STBC, M0 to M9 1ss	2	2	14.2	15.2			17.7	30.0	12.3
	VHT80 STBC, M0 to M9 1ss	3	2	14.2	15.2	15.5		19.8	30.0	10.2
	VHT80 STBC, M0 to M9 1ss	4	2	14.2	14.0	14.4	14.5	20.3	30.0	9.7
5785	Non HT20, 6 to 54 Mbps	1	2	16.3				16.3	30.0	13.7
	Non HT20, 6 to 54 Mbps	2	2	16.3	16.1			19.2	30.0	10.8
	Non HT20, 6 to 54 Mbps	3	2	16.3	16.1	16.9		21.2	30.0	8.8
	Non HT20, 6 to 54 Mbps	4	2	16.3	16.1	16.9	16.6	22.5	30.0	7.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	5	16.3	16.1			19.2	30.0	10.8
	Non HT20 Beam Forming, 6 to 54 Mbps	3	7	16.3	16.1	16.9		21.2	29.0	7.8
	Non HT20 Beam Forming, 6 to 54 Mbps	4	8	16.3	16.1	16.9	16.6	22.5	28.0	5.5
	HT/VHT20, M0 to M7	1	2	16.5				16.5	30.0	13.5
	HT/VHT20, M0 to M7	2	2	16.5	16.3			19.4	30.0	10.6
	HT/VHT20, M8 to M15	2	2	16.5	16.3			19.4	30.0	10.6
	HT/VHT20, M0 to M7	3	2	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M8 to M15	3	2	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M16 to M23	3	2	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M0 to M7	4	2	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20, M8 to M15	4	2	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20, M16 to M23	4	2	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M0 to M7	2	5	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M8 to M15	2	2	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M0 to M7	3	7	16.5	16.3	17.1		21.4	29.0	7.6
	HT/VHT20 Beam Forming, M8 to M15	3	4	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 Beam Forming, M16 to M23	3	2	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 Beam Forming, M0 to M7	4	8	16.5	16.3	17.1	16.7	22.7	28.0	5.3
	HT/VHT20 Beam Forming, M8 to M15	4	5	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M16 to M23	4	3	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20 STBC, M0 to M7	2	2	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 STBC, M0 to M7	3	2	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 STBC, M0 to M7	4	2	16.5	16.3	17.1	16.7	22.7	30.0	7.3
5795	Non HT40, 6 to 54 Mbps	1	2	18.4				18.4	30.0	11.6
	Non HT40, 6 to 54 Mbps	2	2	18.4	17.4			20.9	30.0	9.1
	Non HT40, 6 to 54 Mbps	3	2	18.4	17.4	18.4		22.9	30.0	7.1
	Non HT40, 6 to 54 Mbps	4	2	18.4	17.4	18.4	18.0	24.1	30.0	5.9
	HT/VHT40, M0 to M7	1	2	17.0				17.0	30.0	13.0
	HT/VHT40, M0 to M7	2	2	17.0	16.2			19.6	30.0	10.4
	HT/VHT40, M8 to M15	2	2	17.0	16.2			19.6	30.0	10.4
	HT/VHT40, M0 to M7	3	2	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40, M8 to M15	3	2	17.0	16.2	17.2		21.6	30.0	8.4

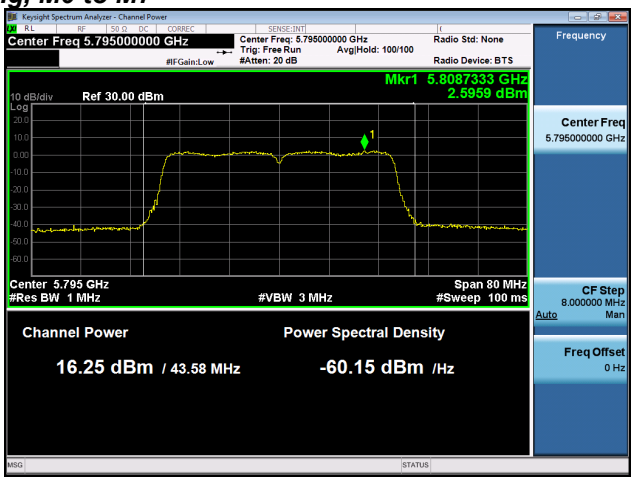
	HT/VHT40, M16 to M23	3	2	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40, M0 to M7	4	2	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40, M8 to M15	4	2	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40, M16 to M23	4	2	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40 Beam Forming, M0 to M7	2	5	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 Beam Forming, M8 to M15	2	2	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 Beam Forming, M0 to M7	3	7	17.0	16.2	17.2		21.6	29.0	7.4
	HT/VHT40 Beam Forming, M8 to M15	3	4	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 Beam Forming, M16 to M23	3	2	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 Beam Forming, M0 to M7	**4**	**8**	**17.0**	**16.2**	**17.2**	**16.8**	**22.8**	**28.0**	**5.2**
	HT/VHT40 Beam Forming, M8 to M15	4	5	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40 Beam Forming, M16 to M23	4	3	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40 STBC, M0 to M7	2	2	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 STBC, M0 to M7	3	2	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 STBC, M0 to M7	4	2	17.0	16.2	17.2	16.8	22.8	30.0	7.2
5825	Non HT20, 6 to 54 Mbps	1	2	16.1				16.1	30.0	13.9
	Non HT20, 6 to 54 Mbps	2	2	16.1	16.4			19.3	30.0	10.7
	Non HT20, 6 to 54 Mbps	3	2	16.1	16.4	16.7		21.2	30.0	8.8
	Non HT20, 6 to 54 Mbps	4	2	16.1	16.4	16.7	16.8	22.5	30.0	7.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	5	16.1	16.4			19.3	30.0	10.7
	Non HT20 Beam Forming, 6 to 54 Mbps	3	7	16.1	16.4	16.7		21.2	29.0	7.8
	Non HT20 Beam Forming, 6 to 54 Mbps	4	8	15.0	15.1	15.6	16.9	21.7	28.0	6.3
	HT/VHT20, M0 to M7	1	2	16.2				16.2	30.0	13.8
	HT/VHT20, M0 to M7	2	2	16.2	16.5			19.4	30.0	10.6
	HT/VHT20, M8 to M15	2	2	16.2	16.5			19.4	30.0	10.6
	HT/VHT20, M0 to M7	3	2	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M8 to M15	3	2	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M16 to M23	3	2	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M0 to M7	4	2	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20, M8 to M15	4	2	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20, M16 to M23	4	2	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M0 to M7	2	5	16.2	16.5			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M8 to M15	2	2	16.2	16.5			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M0 to M7	3	7	16.2	16.5	16.9		21.3	29.0	7.7
	HT/VHT20 Beam Forming, M8 to M15	3	4	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20 Beam Forming, M16 to M23	3	2	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20 Beam Forming, M0 to M7	4	8	13.9	15.3	15.7	15.7	21.2	28.0	6.8
	HT/VHT20 Beam Forming, M8 to M15	4	5	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M16 to M23	4	3	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20 STBC, M0 to M7	2	2	16.2	16.5			19.4	30.0	10.6

	HT/VHT20 STBC, M0 to M7	3	2	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20 STBC, M0 to M7	4	2	16.2	16.5	16.9	16.9	22.7	30.0	7.3

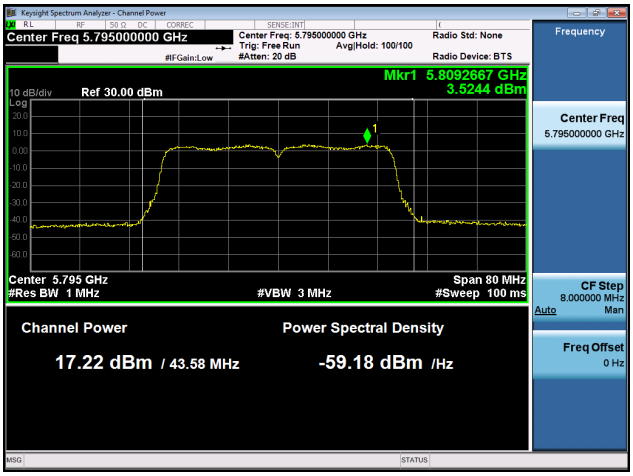
Peak Output Power, 5795 MHz, HT/VHT40 Beam Forming, M0 to M7



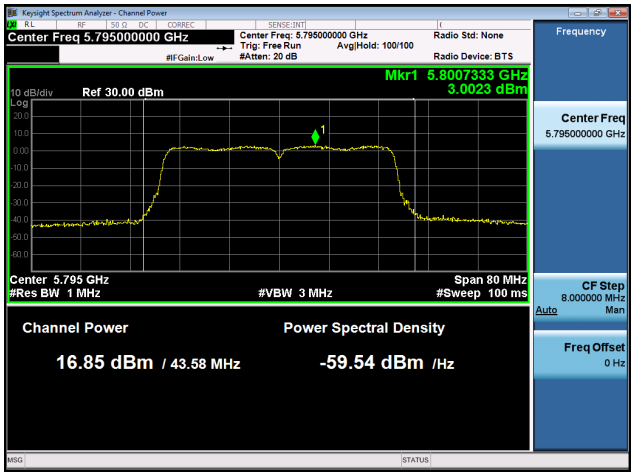
Antenna A



Antenna B



Antenna C



Antenna D

Antenna Gain : 3 dBi

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)
5745	Non HT20, 6 to 54 Mbps	1	3	17.4				17.4	30.0	12.6
	Non HT20, 6 to 54 Mbps	2	3	16.3	15.3			18.8	30.0	11.2
	Non HT20, 6 to 54 Mbps	3	3	15.2	14.1	13.6		19.1	30.0	10.9
	Non HT20, 6 to 54 Mbps	4	3	14.0	13.1	12.5	14.2	19.5	30.0	10.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	6	14.0	13.1			16.6	30.0	13.4
	Non HT20 Beam Forming, 6 to 54 Mbps	3	8	10.9	8.2	7.3		13.9	28.0	14.1
	Non HT20 Beam Forming, 6 to 54 Mbps	4	9	10.9	8.2	7.3	9.2	15.1	27.0	11.9
	HT/VHT20, M0 to M7	1	3	17.6				17.6	30.0	12.4
	HT/VHT20, M0 to M7	2	3	17.6	16.6			20.1	30.0	9.9
	HT/VHT20, M8 to M15	2	3	17.6	16.6			20.1	30.0	9.9
	HT/VHT20, M0 to M7	3	3	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20, M8 to M15	3	3	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20, M16 to M23	3	3	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20, M0 to M7	4	3	14.1	13.2	12.7	14.4	19.7	30.0	10.3
	HT/VHT20, M8 to M15	4	3	14.1	13.2	12.7	14.4	19.7	30.0	10.3
	HT/VHT20, M16 to M23	4	3	14.1	13.2	12.7	14.4	19.7	30.0	10.3
	HT/VHT20 Beam Forming, M0 to M7	2	6	16.6	15.4			19.1	30.0	10.9
	HT/VHT20 Beam Forming, M8 to M15	2	3	17.6	16.6			20.1	30.0	9.9
	HT/VHT20 Beam Forming, M0 to M7	3	8	13.2	10.1	9.5		16.0	28.0	12.0
	HT/VHT20 Beam Forming, M8 to M15	3	5	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20 Beam Forming, M16 to M23	3	3	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20 Beam Forming, M0 to M7	4	9	10.9	8.2	7.3	9.2	15.1	27.0	11.9
	HT/VHT20 Beam Forming, M8 to M15	4	6	13.2	10.1	9.5	11.2	17.3	30.0	12.7
	HT/VHT20 Beam Forming, M16 to M23	4	4	14.1	13.2	12.7	14.4	19.7	30.0	10.3
	HT/VHT20 STBC, M0 to M7	2	3	17.6	16.6			20.1	30.0	9.9
	HT/VHT20 STBC, M0 to M7	3	3	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20 STBC, M0 to M7	4	3	14.1	13.2	12.7	14.4	19.7	30.0	10.3
5755	Non HT40, 6 to 54 Mbps	1	3	13.8				13.8	30.0	16.2
	Non HT40, 6 to 54 Mbps	2	3	13.8	13.3			16.6	30.0	13.4
	Non HT40, 6 to 54 Mbps	3	3	10.6	8.0	8.1		13.8	30.0	16.2
	Non HT40, 6 to 54 Mbps	4	3	10.6	8.0	8.1	9.6	15.2	30.0	14.8
	HT/VHT40, M0 to M7	1	3	17.8				17.8	30.0	12.2

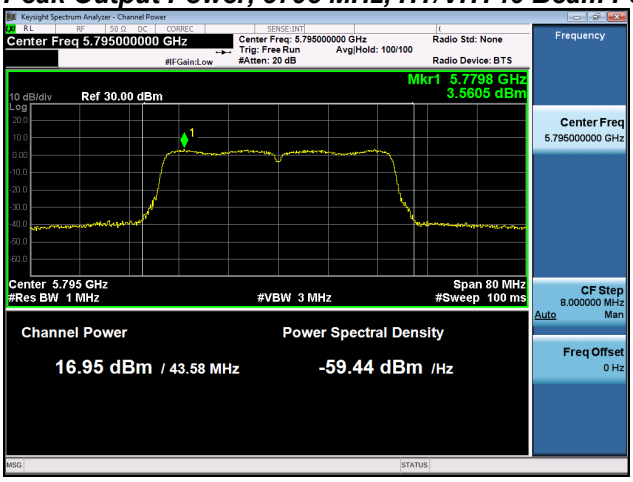
	HT/VHT40, M0 to M7	2	3	16.9	15.4			19.2	30.0	10.8
	HT/VHT40, M8 to M15	2	3	16.9	15.4			19.2	30.0	10.8
	HT/VHT40, M0 to M7	3	3	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40, M8 to M15	3	3	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40, M16 to M23	3	3	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40, M0 to M7	4	3	12.7	9.6	9.9	11.2	17.0	30.0	13.0
	HT/VHT40, M8 to M15	4	3	12.7	9.6	9.9	11.2	17.0	30.0	13.0
	HT/VHT40, M16 to M23	4	3	12.7	9.6	9.9	11.2	17.0	30.0	13.0
	HT/VHT40 Beam Forming, M0 to M7	2	6	15.1	14.2			17.7	30.0	12.3
	HT/VHT40 Beam Forming, M8 to M15	2	3	16.9	15.4			19.2	30.0	10.8
	HT/VHT40 Beam Forming, M0 to M7	3	8	9.3	6.5	6.6		12.4	28.0	15.6
	HT/VHT40 Beam Forming, M8 to M15	3	5	12.7	11.2	11.0		16.5	30.0	13.5
	HT/VHT40 Beam Forming, M16 to M23	3	3	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40 Beam Forming, M0 to M7	4	9	9.3	6.5	6.6	8.3	13.9	27.0	13.1
	HT/VHT40 Beam Forming, M8 to M15	4	6	10.5	7.5	7.8	9.3	15.0	30.0	15.0
	HT/VHT40 Beam Forming, M16 to M23	4	4	12.7	9.6	9.9	11.2	17.0	30.0	13.0
	HT/VHT40 STBC, M0 to M7	2	3	16.9	15.4			19.2	30.0	10.8
	HT/VHT40 STBC, M0 to M7	3	3	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40 STBC, M0 to M7	4	3	12.7	9.6	9.9	11.2	17.0	30.0	13.0
5775	Non HT80, 6 to 54 Mbps	1	3	13.9				13.9	30.0	16.1
	Non HT80, 6 to 54 Mbps	2	3	12.5	12.3			15.4	30.0	14.6
	Non HT80, 6 to 54 Mbps	3	3	11.3	11.1	11.4		16.0	30.0	14.0
	Non HT80, 6 to 54 Mbps	4	3	11.3	11.1	11.4	11.7	17.4	30.0	12.6
	VHT80, M0 to M9 1ss	1	3	14.2				14.2	30.0	15.8
	VHT80, M0 to M9 1ss	2	3	14.2	15.2			17.7	30.0	12.3
	VHT80, M0 to M9 2ss	2	3	14.2	15.2			17.7	30.0	12.3
	VHT80, M0 to M9 1ss	3	3	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80, M0 to M9 2ss	3	3	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80, M0 to M9 3ss	3	3	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80, M0 to M9 1ss	4	3	14.2	14.0	14.4	14.5	20.3	30.0	9.7
	VHT80, M0 to M9 2ss	4	3	14.2	14.0	14.4	14.5	20.3	30.0	9.7
	VHT80, M0 to M9 3ss	4	3	14.2	14.0	14.4	14.5	20.3	30.0	9.7
	VHT80 Beam Forming, M0 to M9 1ss	2	6	14.2	14.0			17.1	30.0	12.9
	VHT80 Beam Forming, M0 to M9 2ss	2	3	14.2	15.2			17.7	30.0	12.3
	VHT80 Beam Forming, M0 to M9 1ss	3	8	10.4	8.2	8.0		13.8	28.0	14.2
	VHT80 Beam Forming, M0 to M9 2ss	3	5	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80 Beam Forming, M0 to M9 3ss	3	3	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80 Beam Forming, M0 to M9 1ss	4	9	10.4	8.2	8.0	8.5	14.9	27.0	12.1
	VHT80 Beam Forming, M0 to M9 2ss	4	6	11.0	10.9	11.2	11.5	17.2	30.0	12.8
	VHT80 Beam Forming, M0 to M9 3ss	4	4	13.0	12.8	13.1	13.5	19.1	30.0	10.9

	VHT80 STBC, M0 to M9 1ss	2	3	14.2	15.2			17.7	30.0	12.3
	VHT80 STBC, M0 to M9 1ss	3	3	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80 STBC, M0 to M9 1ss	4	3	14.2	14.0	14.4	14.5	20.3	30.0	9.7
5785	Non HT20, 6 to 54 Mbps	1	3	16.3				16.3	30.0	13.7
	Non HT20, 6 to 54 Mbps	2	3	16.3	16.1			19.2	30.0	10.8
	Non HT20, 6 to 54 Mbps	3	3	16.3	16.1	16.9		21.2	30.0	8.8
	Non HT20, 6 to 54 Mbps	4	3	16.3	16.1	16.9	16.6	22.5	30.0	7.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	6	16.3	16.1			19.2	30.0	10.8
	Non HT20 Beam Forming, 6 to 54 Mbps	3	8	16.3	16.1	16.9		21.2	28.0	6.8
	Non HT20 Beam Forming, 6 to 54 Mbps	4	9	16.3	16.1	16.9	16.6	22.5	27.0	4.5
	HT/VHT20, M0 to M7	1	3	16.5				16.5	30.0	13.5
	HT/VHT20, M0 to M7	2	3	16.5	16.3			19.4	30.0	10.6
	HT/VHT20, M8 to M15	2	3	16.5	16.3			19.4	30.0	10.6
	HT/VHT20, M0 to M7	3	3	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M8 to M15	3	3	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M16 to M23	3	3	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M0 to M7	4	3	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20, M8 to M15	4	3	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20, M16 to M23	4	3	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M0 to M7	2	6	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M8 to M15	2	3	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M0 to M7	3	8	16.5	16.3	17.1		21.4	28.0	6.6
	HT/VHT20 Beam Forming, M8 to M15	3	5	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 Beam Forming, M16 to M23	3	3	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 Beam Forming, M0 to M7	4	9	16.5	16.3	17.1	16.7	22.7	27.0	4.3
	HT/VHT20 Beam Forming, M8 to M15	4	6	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M16 to M23	4	4	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20 STBC, M0 to M7	2	3	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 STBC, M0 to M7	3	3	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 STBC, M0 to M7	4	3	16.5	16.3	17.1	16.7	22.7	30.0	7.3
5795	Non HT40, 6 to 54 Mbps	1	3	18.4				18.4	30.0	11.6
	Non HT40, 6 to 54 Mbps	2	3	18.4	17.4			20.9	30.0	9.1
	Non HT40, 6 to 54 Mbps	3	3	18.4	17.4	18.4		22.9	30.0	7.1
	Non HT40, 6 to 54 Mbps	4	3	18.4	17.4	18.4	18.0	24.1	30.0	5.9
	HT/VHT40, M0 to M7	1	3	17.0				17.0	30.0	13.0
	HT/VHT40, M0 to M7	2	3	17.0	16.2			19.6	30.0	10.4
	HT/VHT40, M8 to M15	2	3	17.0	16.2			19.6	30.0	10.4
	HT/VHT40, M0 to M7	3	3	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40, M8 to M15	3	3	17.0	16.2	17.2		21.6	30.0	8.4

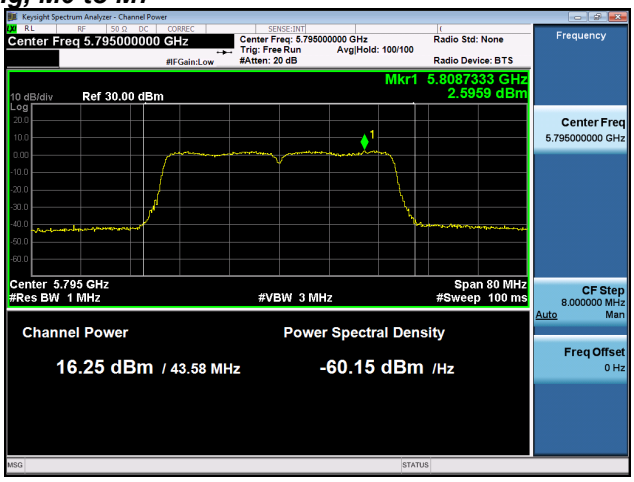
	HT/VHT40, M16 to M23	3	3	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40, M0 to M7	4	3	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40, M8 to M15	4	3	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40, M16 to M23	4	3	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40 Beam Forming, M0 to M7	2	6	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 Beam Forming, M8 to M15	2	3	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 Beam Forming, M0 to M7	3	8	17.0	16.2	17.2		21.6	28.0	6.4
	HT/VHT40 Beam Forming, M8 to M15	3	5	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 Beam Forming, M16 to M23	3	3	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 Beam Forming, M0 to M7	**4**	**9**	**17.0**	**16.2**	**17.2**	**16.8**	**22.8**	**27.0**	**4.2**
	HT/VHT40 Beam Forming, M8 to M15	4	6	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40 Beam Forming, M16 to M23	4	4	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40 STBC, M0 to M7	2	3	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 STBC, M0 to M7	3	3	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 STBC, M0 to M7	4	3	17.0	16.2	17.2	16.8	22.8	30.0	7.2
5825	Non HT20, 6 to 54 Mbps	1	3	16.1				16.1	30.0	13.9
	Non HT20, 6 to 54 Mbps	2	3	16.1	16.4			19.3	30.0	10.7
	Non HT20, 6 to 54 Mbps	3	3	16.1	16.4	16.7		21.2	30.0	8.8
	Non HT20, 6 to 54 Mbps	4	3	16.1	16.4	16.7	16.8	22.5	30.0	7.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	6	16.1	16.4			19.3	30.0	10.7
	Non HT20 Beam Forming, 6 to 54 Mbps	3	8	16.1	16.4	16.7		21.2	28.0	6.8
	Non HT20 Beam Forming, 6 to 54 Mbps	4	9	13.8	14.0	14.4	14.5	20.2	27.0	6.8
	HT/VHT20, M0 to M7	1	3	16.2				16.2	30.0	13.8
	HT/VHT20, M0 to M7	2	3	16.2	16.5			19.4	30.0	10.6
	HT/VHT20, M8 to M15	2	3	16.2	16.5			19.4	30.0	10.6
	HT/VHT20, M0 to M7	3	3	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M8 to M15	3	3	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M16 to M23	3	3	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M0 to M7	4	3	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20, M8 to M15	4	3	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20, M16 to M23	4	3	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M0 to M7	2	6	16.2	16.5			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M8 to M15	2	3	16.2	16.5			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M0 to M7	3	8	16.2	16.5	16.9		21.3	28.0	6.7
	HT/VHT20 Beam Forming, M8 to M15	3	5	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20 Beam Forming, M16 to M23	3	3	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20 Beam Forming, M0 to M7	4	9	13.9	15.3	15.7	15.7	21.2	27.0	5.8
	HT/VHT20 Beam Forming, M8 to M15	4	6	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M16 to M23	4	4	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20 STBC, M0 to M7	2	3	16.2	16.5			19.4	30.0	10.6

	HT/VHT20 STBC, M0 to M7	3	3	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20 STBC, M0 to M7	4	3	16.2	16.5	16.9	16.9	22.7	30.0	7.3

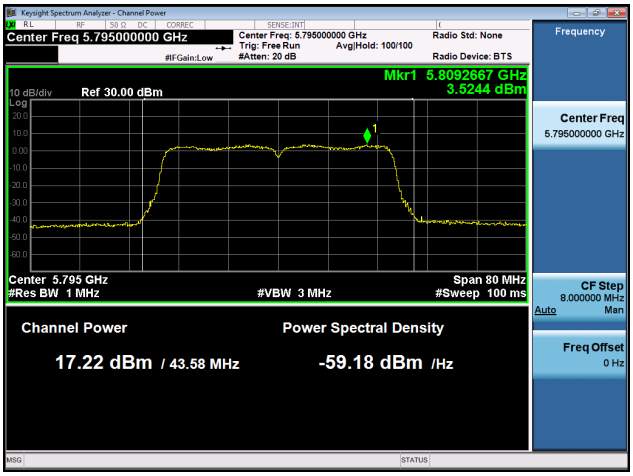
Peak Output Power, 5795 MHz, HT/VHT40 Beam Forming, M0 to M7



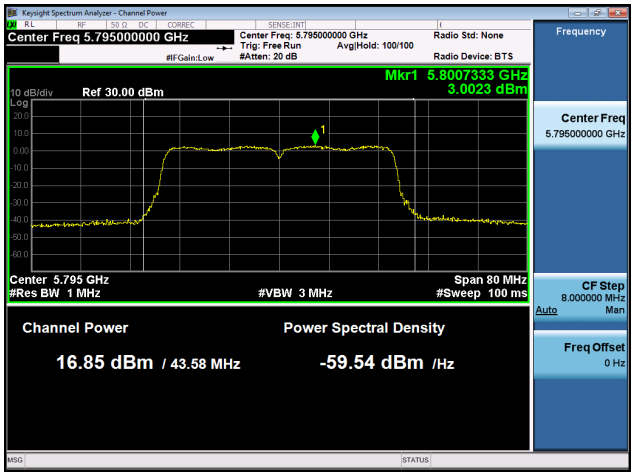
Antenna A



Antenna B



Antenna C



Antenna D

Antenna Gain : 4 dBi

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)
5745	Non HT20, 6 to 54 Mbps	1	4	17.4				17.4	30.0	12.6
	Non HT20, 6 to 54 Mbps	2	4	15.2	15.2			18.2	30.0	11.8
	Non HT20, 6 to 54 Mbps	3	4	14.0	13.1	12.5		18.0	30.0	12.0
	Non HT20, 6 to 54 Mbps	4	4	13.0	12.2	11.6	13.2	18.6	30.0	11.4
	Non HT20 Beam Forming, 6 to 54 Mbps	2	7	14.0	13.1			16.6	29.0	12.4
	Non HT20 Beam Forming, 6 to 54 Mbps	3	9	10.9	8.2	7.3		13.9	27.0	13.1
	Non HT20 Beam Forming, 6 to 54 Mbps	4	10	9.8	7.1	6.1	8.1	14.0	26.0	12.0
	HT/VHT20, M0 to M7	1	4	17.6				17.6	30.0	12.4
	HT/VHT20, M0 to M7	2	4	16.6	15.4			19.1	30.0	10.9
	HT/VHT20, M8 to M15	2	4	16.6	15.4			19.1	30.0	10.9
	HT/VHT20, M0 to M7	3	4	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20, M8 to M15	3	4	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20, M16 to M23	3	4	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20, M0 to M7	4	4	14.1	13.2	12.7	14.4	19.7	30.0	10.3
	HT/VHT20, M8 to M15	4	4	14.1	13.2	12.7	14.4	19.7	30.0	10.3
	HT/VHT20, M16 to M23	4	4	14.1	13.2	12.7	14.4	19.7	30.0	10.3
	HT/VHT20 Beam Forming, M0 to M7	2	7	14.1	13.2			16.7	29.0	12.3
	HT/VHT20 Beam Forming, M8 to M15	2	4	16.6	15.4			19.1	30.0	10.9
	HT/VHT20 Beam Forming, M0 to M7	3	9	12.1	9.1	8.4		15.0	27.0	12.0
	HT/VHT20 Beam Forming, M8 to M15	3	6	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20 Beam Forming, M16 to M23	3	4	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20 Beam Forming, M0 to M7	4	10	10.9	8.2	7.3	9.2	15.1	26.0	10.9
	HT/VHT20 Beam Forming, M8 to M15	4	7	13.2	10.1	9.5	11.2	17.3	29.0	11.7
	HT/VHT20 Beam Forming, M16 to M23	4	5	12.2	11.4	10.8	12.4	17.8	30.0	12.2
	HT/VHT20 STBC, M0 to M7	2	4	16.6	15.4			19.1	30.0	10.9
	HT/VHT20 STBC, M0 to M7	3	4	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20 STBC, M0 to M7	4	4	14.1	13.2	12.7	14.4	19.7	30.0	10.3
5755	Non HT40, 6 to 54 Mbps	1	4	12.7				12.7	30.0	17.3
	Non HT40, 6 to 54 Mbps	2	4	12.8	10.9			15.0	30.0	15.0
	Non HT40, 6 to 54 Mbps	3	4	8.6	5.9	5.9		11.8	30.0	18.2
	Non HT40, 6 to 54 Mbps	4	4	7.6	5.0	5.0	6.7	12.2	30.0	17.8
	HT/VHT40, M0 to M7	1	4	16.9				16.9	30.0	13.1

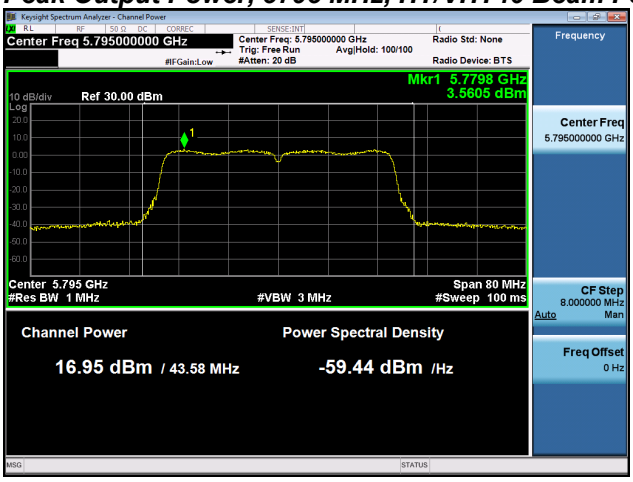
	HT/VHT40, M0 to M7	2	4	16.9	15.4			19.2	30.0	10.8
	HT/VHT40, M8 to M15	2	4	16.9	15.4			19.2	30.0	10.8
	HT/VHT40, M0 to M7	3	4	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40, M8 to M15	3	4	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40, M16 to M23	3	4	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40, M0 to M7	4	4	12.7	9.6	9.9	11.2	17.0	30.0	13.0
	HT/VHT40, M8 to M15	4	4	12.7	9.6	9.9	11.2	17.0	30.0	13.0
	HT/VHT40, M16 to M23	4	4	12.7	9.6	9.9	11.2	17.0	30.0	13.0
	HT/VHT40 Beam Forming, M0 to M7	2	7	12.7	11.2			15.0	29.0	14.0
	HT/VHT40 Beam Forming, M8 to M15	2	4	16.9	15.4			19.2	30.0	10.8
	HT/VHT40 Beam Forming, M0 to M7	3	9	9.3	6.5	6.6		12.4	27.0	14.6
	HT/VHT40 Beam Forming, M8 to M15	3	6	10.5	7.5	7.8		13.6	30.0	16.4
	HT/VHT40 Beam Forming, M16 to M23	3	4	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40 Beam Forming, M0 to M7	4	10	7.3	4.7	4.7	6.4	11.9	26.0	14.1
	HT/VHT40 Beam Forming, M8 to M15	4	7	10.5	7.5	7.8	9.3	15.0	29.0	14.0
	HT/VHT40 Beam Forming, M16 to M23	4	5	12.7	9.6	9.9	11.2	17.0	30.0	13.0
	HT/VHT40 STBC, M0 to M7	2	4	16.9	15.4			19.2	30.0	10.8
	HT/VHT40 STBC, M0 to M7	3	4	15.1	14.2	13.9		19.2	30.0	10.8
	HT/VHT40 STBC, M0 to M7	4	4	12.7	9.6	9.9	11.2	17.0	30.0	13.0
5775	Non HT80, 6 to 54 Mbps	1	4	13.9				13.9	30.0	16.1
	Non HT80, 6 to 54 Mbps	2	4	12.5	12.3			15.4	30.0	14.6
	Non HT80, 6 to 54 Mbps	3	4	11.3	11.1	11.4		16.0	30.0	14.0
	Non HT80, 6 to 54 Mbps	4	4	10.3	10.1	10.4	10.7	16.4	30.0	13.6
	VHT80, M0 to M9 1ss	1	4	14.2				14.2	30.0	15.8
	VHT80, M0 to M9 1ss	2	4	14.2	15.2			17.7	30.0	12.3
	VHT80, M0 to M9 2ss	2	4	14.2	15.2			17.7	30.0	12.3
	VHT80, M0 to M9 1ss	3	4	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80, M0 to M9 2ss	3	4	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80, M0 to M9 3ss	3	4	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80, M0 to M9 1ss	4	4	13.0	12.8	13.1	13.5	19.1	30.0	10.9
	VHT80, M0 to M9 2ss	4	4	13.0	12.8	13.1	13.5	19.1	30.0	10.9
	VHT80, M0 to M9 3ss	4	4	13.0	12.8	13.1	13.5	19.1	30.0	10.9
	VHT80 Beam Forming, M0 to M9 1ss	2	7	14.2	14.0			17.1	29.0	11.9
	VHT80 Beam Forming, M0 to M9 2ss	2	4	14.2	15.2			17.7	30.0	12.3
	VHT80 Beam Forming, M0 to M9 1ss	3	9	10.4	8.2	8.0		13.8	27.0	13.2
	VHT80 Beam Forming, M0 to M9 2ss	3	6	13.0	12.8	13.1		17.7	30.0	12.3
	VHT80 Beam Forming, M0 to M9 3ss	3	4	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80 Beam Forming, M0 to M9 1ss	4	10	8.0	6.1	5.9	6.6	12.8	26.0	13.2
	VHT80 Beam Forming, M0 to M9 2ss	4	7	10.4	8.2	8.0	8.5	14.9	29.0	14.1
	VHT80 Beam Forming, M0 to M9 3ss	4	5	12.0	11.9	12.2	12.5	18.2	30.0	11.8

	VHT80 STBC, M0 to M9 1ss	2	4	14.2	15.2			17.7	30.0	12.3
	VHT80 STBC, M0 to M9 1ss	3	4	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80 STBC, M0 to M9 1ss	4	4	13.0	12.8	13.1	13.5	19.1	30.0	10.9
5785	Non HT20, 6 to 54 Mbps	1	4	16.3				16.3	30.0	13.7
	Non HT20, 6 to 54 Mbps	2	4	16.3	16.1			19.2	30.0	10.8
	Non HT20, 6 to 54 Mbps	3	4	16.3	16.1	16.9		21.2	30.0	8.8
	Non HT20, 6 to 54 Mbps	4	4	16.3	16.1	16.9	16.6	22.5	30.0	7.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	7	16.3	16.1			19.2	29.0	9.8
	Non HT20 Beam Forming, 6 to 54 Mbps	3	9	16.3	16.1	16.9		21.2	27.0	5.8
	Non HT20 Beam Forming, 6 to 54 Mbps	4	10	16.3	16.1	16.9	16.6	22.5	26.0	3.5
	HT/VHT20, M0 to M7	1	4	16.5				16.5	30.0	13.5
	HT/VHT20, M0 to M7	2	4	16.5	16.3			19.4	30.0	10.6
	HT/VHT20, M8 to M15	2	4	16.5	16.3			19.4	30.0	10.6
	HT/VHT20, M0 to M7	3	4	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M8 to M15	3	4	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M16 to M23	3	4	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M0 to M7	4	4	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20, M8 to M15	4	4	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20, M16 to M23	4	4	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M0 to M7	2	7	16.5	16.3			19.4	29.0	9.6
	HT/VHT20 Beam Forming, M8 to M15	2	4	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M0 to M7	3	9	16.5	16.3	17.1		21.4	27.0	5.6
	HT/VHT20 Beam Forming, M8 to M15	3	6	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 Beam Forming, M16 to M23	3	4	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 Beam Forming, M0 to M7	4	10	16.5	16.3	17.1	16.7	22.7	26.0	3.3
	HT/VHT20 Beam Forming, M8 to M15	4	7	16.5	16.3	17.1	16.7	22.7	29.0	6.3
	HT/VHT20 Beam Forming, M16 to M23	4	5	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20 STBC, M0 to M7	2	4	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 STBC, M0 to M7	3	4	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 STBC, M0 to M7	4	4	16.5	16.3	17.1	16.7	22.7	30.0	7.3
5795	Non HT40, 6 to 54 Mbps	1	4	18.4				18.4	30.0	11.6
	Non HT40, 6 to 54 Mbps	2	4	18.4	17.4			20.9	30.0	9.1
	Non HT40, 6 to 54 Mbps	3	4	18.4	17.4	18.4		22.9	30.0	7.1
	Non HT40, 6 to 54 Mbps	4	4	18.4	17.4	18.4	18.0	24.1	30.0	5.9
	HT/VHT40, M0 to M7	1	4	17.0				17.0	30.0	13.0
	HT/VHT40, M0 to M7	2	4	17.0	16.2			19.6	30.0	10.4
	HT/VHT40, M8 to M15	2	4	17.0	16.2			19.6	30.0	10.4
	HT/VHT40, M0 to M7	3	4	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40, M8 to M15	3	4	17.0	16.2	17.2		21.6	30.0	8.4

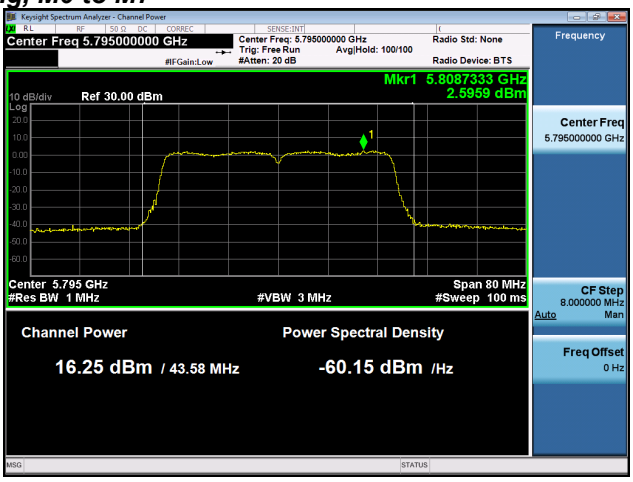
	HT/VHT40, M16 to M23	3	4	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40, M0 to M7	4	4	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40, M8 to M15	4	4	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40, M16 to M23	4	4	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40 Beam Forming, M0 to M7	2	7	17.0	16.2			19.6	29.0	9.4
	HT/VHT40 Beam Forming, M8 to M15	2	4	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 Beam Forming, M0 to M7	3	9	17.0	16.2	17.2		21.6	27.0	5.4
	HT/VHT40 Beam Forming, M8 to M15	3	6	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 Beam Forming, M16 to M23	3	4	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 Beam Forming, M0 to M7	**4**	**10**	**17.0**	**16.2**	**17.2**	**16.8**	**22.8**	**26.0**	**3.2**
	HT/VHT40 Beam Forming, M8 to M15	4	7	17.0	16.2	17.2	16.8	22.8	29.0	6.2
	HT/VHT40 Beam Forming, M16 to M23	4	5	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40 STBC, M0 to M7	2	4	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 STBC, M0 to M7	3	4	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 STBC, M0 to M7	4	4	17.0	16.2	17.2	16.8	22.8	30.0	7.2
5825	Non HT20, 6 to 54 Mbps	1	4	16.1				16.1	30.0	13.9
	Non HT20, 6 to 54 Mbps	2	4	16.1	16.4			19.3	30.0	10.7
	Non HT20, 6 to 54 Mbps	3	4	16.1	16.4	16.7		21.2	30.0	8.8
	Non HT20, 6 to 54 Mbps	4	4	16.1	16.4	16.7	16.8	22.5	30.0	7.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	7	16.1	16.4			19.3	29.0	9.7
	Non HT20 Beam Forming, 6 to 54 Mbps	3	9	16.1	16.4	16.7		21.2	27.0	5.8
	Non HT20 Beam Forming, 6 to 54 Mbps	4	10	12.6	13.0	13.3	13.4	19.1	26.0	6.9
	HT/VHT20, M0 to M7	1	4	16.2				16.2	30.0	13.8
	HT/VHT20, M0 to M7	2	4	16.2	16.5			19.4	30.0	10.6
	HT/VHT20, M8 to M15	2	4	16.2	16.5			19.4	30.0	10.6
	HT/VHT20, M0 to M7	3	4	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M8 to M15	3	4	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M16 to M23	3	4	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M0 to M7	4	4	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20, M8 to M15	4	4	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20, M16 to M23	4	4	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M0 to M7	2	7	16.2	16.5			19.4	29.0	9.6
	HT/VHT20 Beam Forming, M8 to M15	2	4	16.2	16.5			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M0 to M7	3	9	16.2	16.5	16.9		21.3	27.0	5.7
	HT/VHT20 Beam Forming, M8 to M15	3	6	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20 Beam Forming, M16 to M23	3	4	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20 Beam Forming, M0 to M7	4	10	13.9	14.1	14.5	14.5	20.3	26.0	5.7
	HT/VHT20 Beam Forming, M8 to M15	4	7	16.2	16.5	16.9	16.9	22.7	29.0	6.3
	HT/VHT20 Beam Forming, M16 to M23	4	5	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20 STBC, M0 to M7	2	4	16.2	16.5			19.4	30.0	10.6

	HT/VHT20 STBC, M0 to M7	3	4	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20 STBC, M0 to M7	4	4	16.2	16.5	16.9	16.9	22.7	30.0	7.3

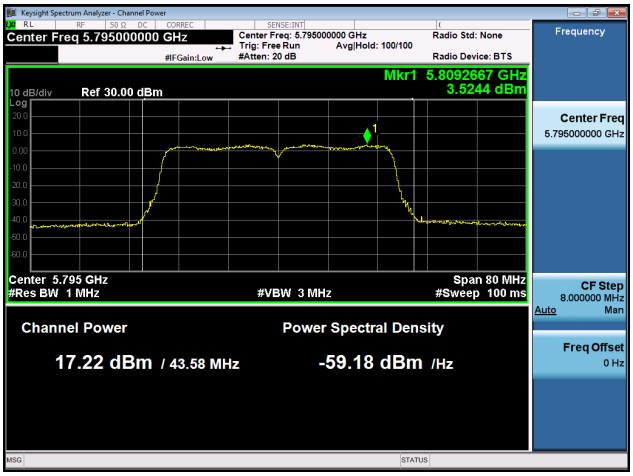
Peak Output Power, 5795 MHz, HT/VHT40 Beam Forming, M0 to M7



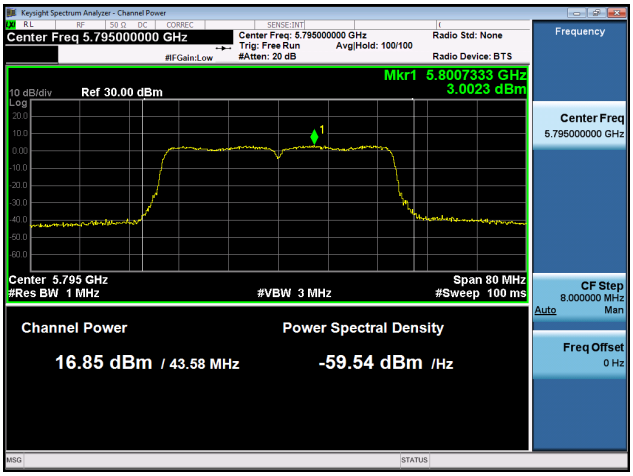
Antenna A



Antenna B



Antenna C



Antenna D

Antenna Gain : 5 dBi

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)
5745	Non HT20, 6 to 54 Mbps	1	5	17.4				17.4	30.0	12.6
	Non HT20, 6 to 54 Mbps	2	5	15.2	14.1			17.7	30.0	12.3
	Non HT20, 6 to 54 Mbps	3	5	14.0	13.1	12.5		18.0	30.0	12.0
	Non HT20, 6 to 54 Mbps	4	5	13.0	12.2	11.6	13.2	18.6	30.0	11.4
	Non HT20 Beam Forming, 6 to 54 Mbps	2	8	14.0	13.1			16.6	28.0	11.4
	Non HT20 Beam Forming, 6 to 54 Mbps	3	10	10.9	8.2	7.3		13.9	26.0	12.1
	Non HT20 Beam Forming, 6 to 54 Mbps	4	11	9.8	7.1	6.1	8.1	14.0	25.0	11.0
	HT/VHT20, M0 to M7	1	5	17.6				17.6	30.0	12.4
	HT/VHT20, M0 to M7	2	5	16.6	15.4			19.1	30.0	10.9
	HT/VHT20, M8 to M15	2	5	16.6	15.4			19.1	30.0	10.9
	HT/VHT20, M0 to M7	3	5	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20, M8 to M15	3	5	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20, M16 to M23	3	5	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20, M0 to M7	4	5	12.2	11.4	10.8	12.4	17.8	30.0	12.2
	HT/VHT20, M8 to M15	4	5	12.2	11.4	10.8	12.4	17.8	30.0	12.2
	HT/VHT20, M16 to M23	4	5	12.2	11.4	10.8	12.4	17.8	30.0	12.2
	HT/VHT20 Beam Forming, M0 to M7	2	8	14.1	13.2			16.7	28.0	11.3
	HT/VHT20 Beam Forming, M8 to M15	2	5	16.6	15.4			19.1	30.0	10.9
	HT/VHT20 Beam Forming, M0 to M7	3	10	10.9	8.2	7.3		13.9	26.0	12.1
	HT/VHT20 Beam Forming, M8 to M15	3	7	12.2	11.4	10.8		16.3	29.0	12.7
	HT/VHT20 Beam Forming, M16 to M23	3	5	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20 Beam Forming, M0 to M7	4	11	8.8	6.2	5.3	7.3	13.1	25.0	11.9
	HT/VHT20 Beam Forming, M8 to M15	4	8	10.9	8.2	7.3	9.2	15.1	28.0	12.9
	HT/VHT20 Beam Forming, M16 to M23	4	6	13.2	10.1	9.5	11.2	17.3	30.0	12.7
	HT/VHT20 STBC, M0 to M7	2	5	16.6	15.4			19.1	30.0	10.9
	HT/VHT20 STBC, M0 to M7	3	5	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20 STBC, M0 to M7	4	5	12.2	11.4	10.8	12.4	17.8	30.0	12.2
5755	Non HT40, 6 to 54 Mbps	1	5	12.7				12.7	30.0	17.3
	Non HT40, 6 to 54 Mbps	2	5	10.6	8.0			12.5	30.0	17.5
	Non HT40, 6 to 54 Mbps	3	5	8.6	5.9	5.9		11.8	30.0	18.2
	Non HT40, 6 to 54 Mbps	4	5	7.6	5.0	5.0	6.7	12.2	30.0	17.8
	HT/VHT40, M0 to M7	1	5	16.9				16.9	30.0	13.1

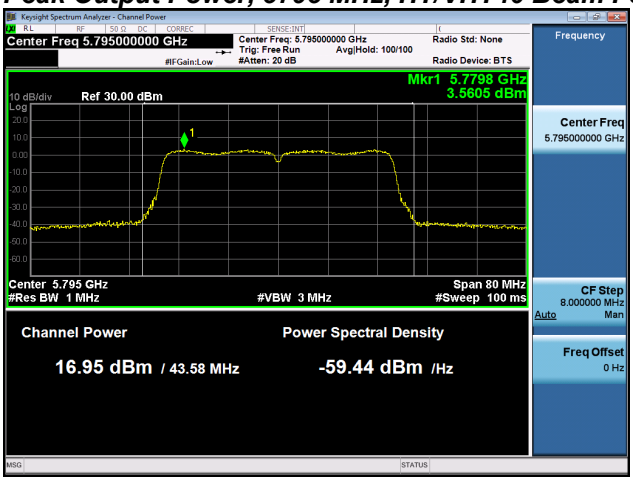
	HT/VHT40, M0 to M7	2	5	15.1	14.2			17.7	30.0	12.3
	HT/VHT40, M8 to M15	2	5	15.1	14.2			17.7	30.0	12.3
	HT/VHT40, M0 to M7	3	5	12.7	11.2	11.0		16.5	30.0	13.5
	HT/VHT40, M8 to M15	3	5	12.7	11.2	11.0		16.5	30.0	13.5
	HT/VHT40, M16 to M23	3	5	12.7	11.2	11.0		16.5	30.0	13.5
	HT/VHT40, M0 to M7	4	5	12.7	9.6	9.9	11.2	17.0	30.0	13.0
	HT/VHT40, M8 to M15	4	5	12.7	9.6	9.9	11.2	17.0	30.0	13.0
	HT/VHT40, M16 to M23	4	5	12.7	9.6	9.9	11.2	17.0	30.0	13.0
	HT/VHT40 Beam Forming, M0 to M7	2	8	12.7	11.2			15.0	28.0	13.0
	HT/VHT40 Beam Forming, M8 to M15	2	5	15.1	14.2			17.7	30.0	12.3
	HT/VHT40 Beam Forming, M0 to M7	3	10	7.3	4.7	4.7		10.5	26.0	15.5
	HT/VHT40 Beam Forming, M8 to M15	3	7	10.5	7.5	7.8		13.6	29.0	15.4
	HT/VHT40 Beam Forming, M16 to M23	3	5	12.7	11.2	11.0		16.5	30.0	13.5
	HT/VHT40 Beam Forming, M0 to M7	4	11	5.2	2.6	2.7	4.4	9.9	25.0	15.1
	HT/VHT40 Beam Forming, M8 to M15	4	8	9.3	6.5	6.6	8.3	13.9	28.0	14.1
	HT/VHT40 Beam Forming, M16 to M23	4	6	10.5	7.5	7.8	9.3	15.0	30.0	15.0
	HT/VHT40 STBC, M0 to M7	2	5	15.1	14.2			17.7	30.0	12.3
	HT/VHT40 STBC, M0 to M7	3	5	12.7	11.2	11.0		16.5	30.0	13.5
	HT/VHT40 STBC, M0 to M7	4	5	12.7	9.6	9.9	11.2	17.0	30.0	13.0
5775	Non HT80, 6 to 54 Mbps	1	5	13.9				13.9	30.0	16.1
	Non HT80, 6 to 54 Mbps	2	5	11.3	11.1			14.2	30.0	15.8
	Non HT80, 6 to 54 Mbps	3	5	11.3	11.1	11.4		16.0	30.0	14.0
	Non HT80, 6 to 54 Mbps	4	5	9.4	9.1	9.5	9.8	15.5	30.0	14.5
	VHT80, M0 to M9 1ss	1	5	14.2				14.2	30.0	15.8
	VHT80, M0 to M9 1ss	2	5	14.2	14.0			17.1	30.0	12.9
	VHT80, M0 to M9 2ss	2	5	14.2	14.0			17.1	30.0	12.9
	VHT80, M0 to M9 1ss	3	5	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80, M0 to M9 2ss	3	5	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80, M0 to M9 3ss	3	5	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80, M0 to M9 1ss	4	5	12.0	11.9	12.2	12.5	18.2	30.0	11.8
	VHT80, M0 to M9 2ss	4	5	12.0	11.9	12.2	12.5	18.2	30.0	11.8
	VHT80, M0 to M9 3ss	4	5	12.0	11.9	12.2	12.5	18.2	30.0	11.8
	VHT80 Beam Forming, M0 to M9 1ss	2	8	13.0	12.8			15.9	28.0	12.1
	VHT80 Beam Forming, M0 to M9 2ss	2	5	14.2	14.0			17.1	30.0	12.9
	VHT80 Beam Forming, M0 to M9 1ss	3	10	10.4	8.2	8.0		13.8	26.0	12.2
	VHT80 Beam Forming, M0 to M9 2ss	3	7	11.0	10.9	11.2		15.8	29.0	13.2
	VHT80 Beam Forming, M0 to M9 3ss	3	5	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80 Beam Forming, M0 to M9 1ss	4	11	8.0	6.1	5.9	6.6	12.8	25.0	12.2
	VHT80 Beam Forming, M0 to M9 2ss	4	8	10.4	8.2	8.0	8.5	14.9	28.0	13.1
	VHT80 Beam Forming, M0 to M9 3ss	4	6	11.0	10.9	11.2	11.5	17.2	30.0	12.8

	VHT80 STBC, M0 to M9 1ss	2	5	14.2	14.0			17.1	30.0	12.9
	VHT80 STBC, M0 to M9 1ss	3	5	14.2	14.0	14.4		19.0	30.0	11.0
	VHT80 STBC, M0 to M9 1ss	4	5	12.0	11.9	12.2	12.5	18.2	30.0	11.8
5785	Non HT20, 6 to 54 Mbps	1	5	16.3				16.3	30.0	13.7
	Non HT20, 6 to 54 Mbps	2	5	16.3	16.1			19.2	30.0	10.8
	Non HT20, 6 to 54 Mbps	3	5	16.3	16.1	16.9		21.2	30.0	8.8
	Non HT20, 6 to 54 Mbps	4	5	16.3	16.1	16.9	16.6	22.5	30.0	7.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	8	16.3	16.1			19.2	28.0	8.8
	Non HT20 Beam Forming, 6 to 54 Mbps	3	10	16.3	16.1	16.9		21.2	26.0	4.8
	Non HT20 Beam Forming, 6 to 54 Mbps	4	11	16.3	16.1	16.9	16.6	22.5	25.0	2.5
	HT/VHT20, M0 to M7	1	5	16.5				16.5	30.0	13.5
	HT/VHT20, M0 to M7	2	5	16.5	16.3			19.4	30.0	10.6
	HT/VHT20, M8 to M15	2	5	16.5	16.3			19.4	30.0	10.6
	HT/VHT20, M0 to M7	3	5	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M8 to M15	3	5	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M16 to M23	3	5	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M0 to M7	4	5	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20, M8 to M15	4	5	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20, M16 to M23	4	5	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M0 to M7	2	8	16.5	16.3			19.4	28.0	8.6
	HT/VHT20 Beam Forming, M8 to M15	2	5	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M0 to M7	3	10	16.5	16.3	17.1		21.4	26.0	4.6
	HT/VHT20 Beam Forming, M8 to M15	3	7	16.5	16.3	17.1		21.4	29.0	7.6
	HT/VHT20 Beam Forming, M16 to M23	3	5	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 Beam Forming, M0 to M7	4	11	16.5	16.3	17.1	16.7	22.7	25.0	2.3
	HT/VHT20 Beam Forming, M8 to M15	4	8	16.5	16.3	17.1	16.7	22.7	28.0	5.3
	HT/VHT20 Beam Forming, M16 to M23	4	6	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20 STBC, M0 to M7	2	5	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 STBC, M0 to M7	3	5	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 STBC, M0 to M7	4	5	16.5	16.3	17.1	16.7	22.7	30.0	7.3
5795	Non HT40, 6 to 54 Mbps	1	5	18.4				18.4	30.0	11.6
	Non HT40, 6 to 54 Mbps	2	5	18.4	17.4			20.9	30.0	9.1
	Non HT40, 6 to 54 Mbps	3	5	18.4	17.4	18.4		22.9	30.0	7.1
	Non HT40, 6 to 54 Mbps	4	5	18.4	17.4	18.4	18.0	24.1	30.0	5.9
	HT/VHT40, M0 to M7	1	5	17.0				17.0	30.0	13.0
	HT/VHT40, M0 to M7	2	5	17.0	16.2			19.6	30.0	10.4
	HT/VHT40, M8 to M15	2	5	17.0	16.2			19.6	30.0	10.4
	HT/VHT40, M0 to M7	3	5	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40, M8 to M15	3	5	17.0	16.2	17.2		21.6	30.0	8.4

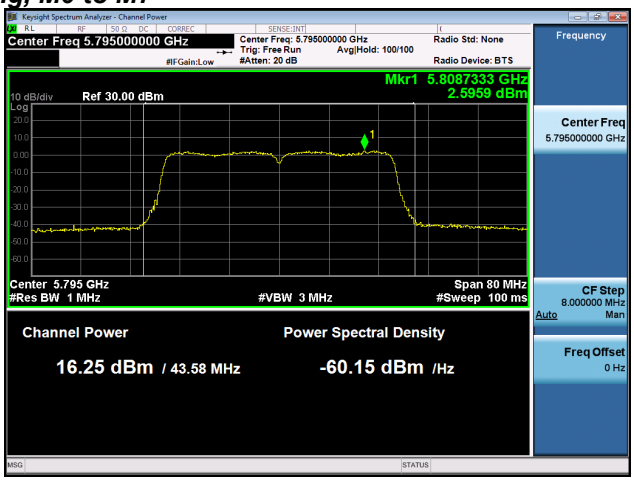
	HT/VHT40, M16 to M23	3	5	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40, M0 to M7	4	5	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40, M8 to M15	4	5	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40, M16 to M23	4	5	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40 Beam Forming, M0 to M7	2	8	17.0	16.2			19.6	28.0	8.4
	HT/VHT40 Beam Forming, M8 to M15	2	5	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 Beam Forming, M0 to M7	3	10	17.0	16.2	17.2		21.6	26.0	4.4
	HT/VHT40 Beam Forming, M8 to M15	3	7	17.0	16.2	17.2		21.6	29.0	7.4
	HT/VHT40 Beam Forming, M16 to M23	3	5	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 Beam Forming, M0 to M7	**4**	**11**	**17.0**	**16.2**	**17.2**	**16.8**	**22.8**	**25.0**	**2.2**
	HT/VHT40 Beam Forming, M8 to M15	4	8	17.0	16.2	17.2	16.8	22.8	28.0	5.2
	HT/VHT40 Beam Forming, M16 to M23	4	6	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40 STBC, M0 to M7	2	5	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 STBC, M0 to M7	3	5	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 STBC, M0 to M7	4	5	17.0	16.2	17.2	16.8	22.8	30.0	7.2
5825	Non HT20, 6 to 54 Mbps	1	5	16.1				16.1	30.0	13.9
	Non HT20, 6 to 54 Mbps	2	5	16.1	16.4			19.3	30.0	10.7
	Non HT20, 6 to 54 Mbps	3	5	16.1	16.4	16.7		21.2	30.0	8.8
	Non HT20, 6 to 54 Mbps	4	5	16.1	16.4	16.7	16.8	22.5	30.0	7.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	8	16.1	16.4			19.3	28.0	8.7
	Non HT20 Beam Forming, 6 to 54 Mbps	3	10	15.0	15.1	15.6		20.0	26.0	6.0
	Non HT20 Beam Forming, 6 to 54 Mbps	4	11	11.7	12.1	12.4	12.4	18.2	25.0	6.8
	HT/VHT20, M0 to M7	1	5	16.2				16.2	30.0	13.8
	HT/VHT20, M0 to M7	2	5	16.2	16.5			19.4	30.0	10.6
	HT/VHT20, M8 to M15	2	5	16.2	16.5			19.4	30.0	10.6
	HT/VHT20, M0 to M7	3	5	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M8 to M15	3	5	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M16 to M23	3	5	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M0 to M7	4	5	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20, M8 to M15	4	5	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20, M16 to M23	4	5	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M0 to M7	2	8	16.2	16.5			19.4	28.0	8.6
	HT/VHT20 Beam Forming, M8 to M15	2	5	16.2	16.5			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M0 to M7	3	10	15.0	15.3	15.7		20.1	26.0	5.9
	HT/VHT20 Beam Forming, M8 to M15	3	7	16.2	16.5	16.9		21.3	29.0	7.7
	HT/VHT20 Beam Forming, M16 to M23	3	5	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20 Beam Forming, M0 to M7	4	11	11.7	12.1	12.5	12.5	18.2	25.0	6.8
	HT/VHT20 Beam Forming, M8 to M15	4	8	13.9	15.3	15.7	15.7	21.2	28.0	6.8
	HT/VHT20 Beam Forming, M16 to M23	4	6	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20 STBC, M0 to M7	2	5	16.2	16.5			19.4	30.0	10.6

	HT/VHT20 STBC, M0 to M7	3	5	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20 STBC, M0 to M7	4	5	16.2	16.5	16.9	16.9	22.7	30.0	7.3

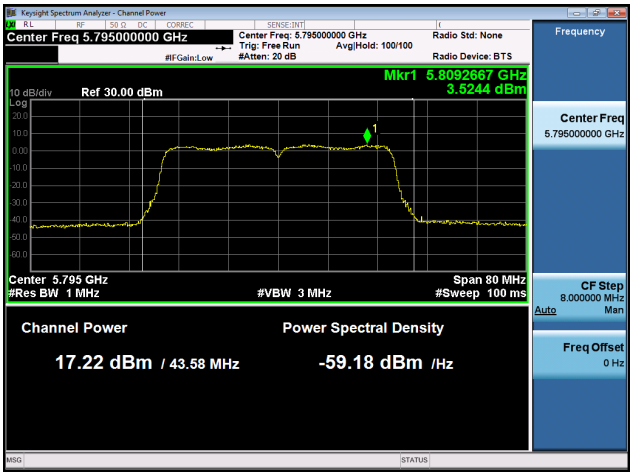
Peak Output Power, 5795 MHz, HT/VHT40 Beam Forming, M0 to M7



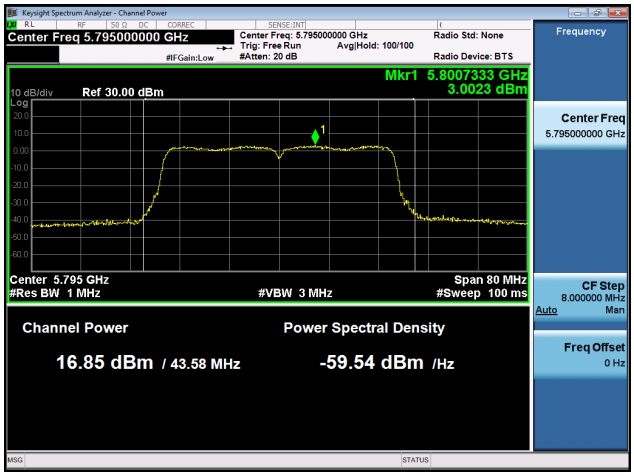
Antenna A



Antenna B



Antenna C



Antenna D

Antenna Gain : 6 dBi

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)
5745	Non HT20, 6 to 54 Mbps	1	6	17.4				17.4	30.0	12.6
	Non HT20, 6 to 54 Mbps	2	6	14.0	13.1			16.6	30.0	13.4
	Non HT20, 6 to 54 Mbps	3	6	13.0	12.2	11.6		17.1	30.0	12.9
	Non HT20, 6 to 54 Mbps	4	6	13.2	10.1	9.5	11.2	17.3	30.0	12.7
	Non HT20 Beam Forming, 6 to 54 Mbps	2	9	14.0	13.1			16.6	27.0	10.4
	Non HT20 Beam Forming, 6 to 54 Mbps	3	11	9.8	7.1	6.1		12.7	25.0	12.3
	Non HT20 Beam Forming, 6 to 54 Mbps	4	12	8.8	6.2	5.2	7.2	13.1	24.0	10.9
	HT/VHT20, M0 to M7	1	6	17.6				17.6	30.0	12.4
	HT/VHT20, M0 to M7	2	6	16.6	15.4			19.1	30.0	10.9
	HT/VHT20, M8 to M15	2	6	16.6	15.4			19.1	30.0	10.9
	HT/VHT20, M0 to M7	3	6	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20, M8 to M15	3	6	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20, M16 to M23	3	6	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20, M0 to M7	4	6	13.2	10.1	9.5	11.2	17.3	30.0	12.7
	HT/VHT20, M8 to M15	4	6	13.2	10.1	9.5	11.2	17.3	30.0	12.7
	HT/VHT20, M16 to M23	4	6	13.2	10.1	9.5	11.2	17.3	30.0	12.7
	HT/VHT20 Beam Forming, M0 to M7	2	9	14.1	13.2			16.7	27.0	10.3
	HT/VHT20 Beam Forming, M8 to M15	2	6	16.6	15.4			19.1	30.0	10.9
	HT/VHT20 Beam Forming, M0 to M7	3	11	9.8	7.2	6.1		12.8	25.0	12.2
	HT/VHT20 Beam Forming, M8 to M15	3	8	13.2	10.1	9.5		16.0	28.0	12.0
	HT/VHT20 Beam Forming, M16 to M23	3	6	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20 Beam Forming, M0 to M7	4	12	8.8	6.2	5.3	7.3	13.1	24.0	10.9
	HT/VHT20 Beam Forming, M8 to M15	4	9	10.9	8.2	7.3	9.2	15.1	27.0	11.9
	HT/VHT20 Beam Forming, M16 to M23	4	7	13.2	10.1	9.5	11.2	17.3	29.0	11.7
	HT/VHT20 STBC, M0 to M7	2	6	16.6	15.4			19.1	30.0	10.9
	HT/VHT20 STBC, M0 to M7	3	6	14.1	13.2	12.7		18.1	30.0	11.9
	HT/VHT20 STBC, M0 to M7	4	6	13.2	10.1	9.5	11.2	17.3	30.0	12.7
5755	Non HT40, 6 to 54 Mbps	1	6	12.7				12.7	30.0	17.3
	Non HT40, 6 to 54 Mbps	2	6	8.6	5.9			10.5	30.0	19.5
	Non HT40, 6 to 54 Mbps	3	6	7.6	5.0	5.0		10.8	30.0	19.2
	Non HT40, 6 to 54 Mbps	4	6	7.6	5.0	5.0	6.7	12.2	30.0	17.8
	HT/VHT40, M0 to M7	1	6	15.1				15.1	30.0	14.9

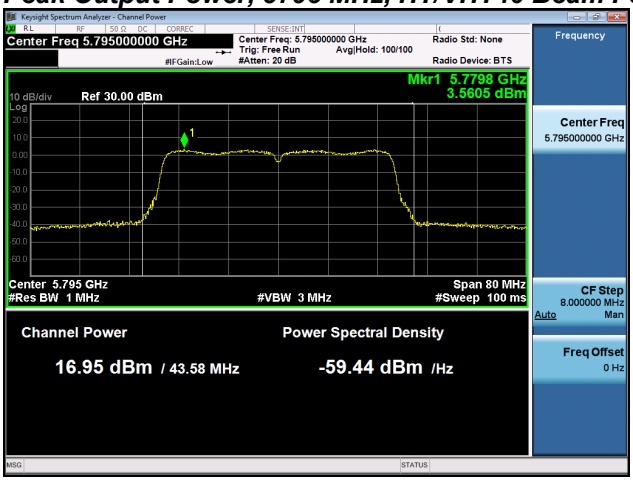
	HT/VHT40, M0 to M7	2	6	15.1	14.2			17.7	30.0	12.3
	HT/VHT40, M8 to M15	2	6	15.1	14.2			17.7	30.0	12.3
	HT/VHT40, M0 to M7	3	6	10.5	7.5	7.8		13.6	30.0	16.4
	HT/VHT40, M8 to M15	3	6	10.5	7.5	7.8		13.6	30.0	16.4
	HT/VHT40, M16 to M23	3	6	10.5	7.5	7.8		13.6	30.0	16.4
	HT/VHT40, M0 to M7	4	6	10.5	7.5	7.8	9.3	15.0	30.0	15.0
	HT/VHT40, M8 to M15	4	6	10.5	7.5	7.8	9.3	15.0	30.0	15.0
	HT/VHT40, M16 to M23	4	6	10.5	7.5	7.8	9.3	15.0	30.0	15.0
	HT/VHT40 Beam Forming, M0 to M7	2	9	12.7	11.2			15.0	27.0	12.0
	HT/VHT40 Beam Forming, M8 to M15	2	6	15.1	14.2			17.7	30.0	12.3
	HT/VHT40 Beam Forming, M0 to M7	3	11	6.3	3.7	3.8		9.5	25.0	15.5
	HT/VHT40 Beam Forming, M8 to M15	3	8	9.3	6.5	6.6		12.4	28.0	15.6
	HT/VHT40 Beam Forming, M16 to M23	3	6	10.5	7.5	7.8		13.6	30.0	16.4
	HT/VHT40 Beam Forming, M0 to M7	4	12	5.2	2.6	2.7	4.4	9.9	24.0	14.1
	HT/VHT40 Beam Forming, M8 to M15	4	9	9.3	6.5	6.6	8.3	13.9	27.0	13.1
	HT/VHT40 Beam Forming, M16 to M23	4	7	10.5	7.5	7.8	9.3	15.0	29.0	14.0
	HT/VHT40 STBC, M0 to M7	2	6	15.1	14.2			17.7	30.0	12.3
	HT/VHT40 STBC, M0 to M7	3	6	10.5	7.5	7.8		13.6	30.0	16.4
	HT/VHT40 STBC, M0 to M7	4	6	10.5	7.5	7.8	9.3	15.0	30.0	15.0
5775	Non HT80, 6 to 54 Mbps	1	6	13.9				13.9	30.0	16.1
	Non HT80, 6 to 54 Mbps	2	6	11.3	11.1			14.2	30.0	15.8
	Non HT80, 6 to 54 Mbps	3	6	10.3	10.1	10.4		15.0	30.0	15.0
	Non HT80, 6 to 54 Mbps	4	6	9.7	8.7	7.3	8.9	14.8	30.0	15.2
	VHT80, M0 to M9 1ss	1	6	14.2				14.2	30.0	15.8
	VHT80, M0 to M9 1ss	2	6	14.2	14.0			17.1	30.0	12.9
	VHT80, M0 to M9 2ss	2	6	14.2	14.0			17.1	30.0	12.9
	VHT80, M0 to M9 1ss	3	6	13.0	12.8	13.1		17.7	30.0	12.3
	VHT80, M0 to M9 2ss	3	6	13.0	12.8	13.1		17.7	30.0	12.3
	VHT80, M0 to M9 3ss	3	6	13.0	12.8	13.1		17.7	30.0	12.3
	VHT80, M0 to M9 1ss	4	6	11.0	10.9	11.2	11.5	17.2	30.0	12.8
	VHT80, M0 to M9 2ss	4	6	11.0	10.9	11.2	11.5	17.2	30.0	12.8
	VHT80, M0 to M9 3ss	4	6	11.0	10.9	11.2	11.5	17.2	30.0	12.8
	VHT80 Beam Forming, M0 to M9 1ss	2	9	11.0	10.9			14.0	27.0	13.0
	VHT80 Beam Forming, M0 to M9 2ss	2	6	14.2	14.0			17.1	30.0	12.9
	VHT80 Beam Forming, M0 to M9 1ss	3	11	8.0	6.1	5.9		11.5	25.0	13.5
	VHT80 Beam Forming, M0 to M9 2ss	3	8	10.4	8.2	8.0		13.8	28.0	14.2
	VHT80 Beam Forming, M0 to M9 3ss	3	6	13.0	12.8	13.1		17.7	30.0	12.3
	VHT80 Beam Forming, M0 to M9 1ss	4	12	6.1	4.2	4.0	4.6	10.8	24.0	13.2
	VHT80 Beam Forming, M0 to M9 2ss	4	9	10.4	8.2	8.0	8.5	14.9	27.0	12.1
	VHT80 Beam Forming, M0 to M9 3ss	4	7	10.4	8.2	8.0	8.5	14.9	29.0	14.1

	VHT80 STBC, M0 to M9 1ss	2	6	14.2	14.0			17.1	30.0	12.9
	VHT80 STBC, M0 to M9 1ss	3	6	13.0	12.8	13.1		17.7	30.0	12.3
	VHT80 STBC, M0 to M9 1ss	4	6	11.0	10.9	11.2	11.5	17.2	30.0	12.8
5785	Non HT20, 6 to 54 Mbps	1	6	16.3				16.3	30.0	13.7
	Non HT20, 6 to 54 Mbps	2	6	16.3	16.1			19.2	30.0	10.8
	Non HT20, 6 to 54 Mbps	3	6	16.3	16.1	16.9		21.2	30.0	8.8
	Non HT20, 6 to 54 Mbps	4	6	16.3	16.1	16.9	16.6	22.5	30.0	7.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	9	16.3	16.1			19.2	27.0	7.8
	Non HT20 Beam Forming, 6 to 54 Mbps	3	11	16.3	16.1	16.9		21.2	25.0	3.8
	Non HT20 Beam Forming, 6 to 54 Mbps	4	12	16.3	16.1	16.9	16.6	22.5	24.0	1.5
	HT/VHT20, M0 to M7	1	6	16.5				16.5	30.0	13.5
	HT/VHT20, M0 to M7	2	6	16.5	16.3			19.4	30.0	10.6
	HT/VHT20, M8 to M15	2	6	16.5	16.3			19.4	30.0	10.6
	HT/VHT20, M0 to M7	3	6	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M8 to M15	3	6	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M16 to M23	3	6	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M0 to M7	4	6	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20, M8 to M15	4	6	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20, M16 to M23	4	6	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M0 to M7	2	9	16.5	16.3			19.4	27.0	7.6
	HT/VHT20 Beam Forming, M8 to M15	2	6	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M0 to M7	3	11	16.5	16.3	17.1		21.4	25.0	3.6
	HT/VHT20 Beam Forming, M8 to M15	3	8	16.5	16.3	17.1		21.4	28.0	6.6
	HT/VHT20 Beam Forming, M16 to M23	3	6	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 Beam Forming, M0 to M7	4	12	16.5	16.3	17.1	16.7	22.7	24.0	1.3
	HT/VHT20 Beam Forming, M8 to M15	4	9	16.5	16.3	17.1	16.7	22.7	27.0	4.3
	HT/VHT20 Beam Forming, M16 to M23	4	7	16.5	16.3	17.1	16.7	22.7	29.0	6.3
	HT/VHT20 STBC, M0 to M7	2	6	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 STBC, M0 to M7	3	6	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 STBC, M0 to M7	4	6	16.5	16.3	17.1	16.7	22.7	30.0	7.3
5795	Non HT40, 6 to 54 Mbps	1	6	18.4				18.4	30.0	11.6
	Non HT40, 6 to 54 Mbps	2	6	18.4	17.4			20.9	30.0	9.1
	Non HT40, 6 to 54 Mbps	3	6	18.4	17.4	18.4		22.9	30.0	7.1
	Non HT40, 6 to 54 Mbps	4	6	18.4	17.4	18.4	18.0	24.1	30.0	5.9
	HT/VHT40, M0 to M7	1	6	17.0				17.0	30.0	13.0
	HT/VHT40, M0 to M7	2	6	17.0	16.2			19.6	30.0	10.4
	HT/VHT40, M8 to M15	2	6	17.0	16.2			19.6	30.0	10.4
	HT/VHT40, M0 to M7	3	6	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40, M8 to M15	3	6	17.0	16.2	17.2		21.6	30.0	8.4

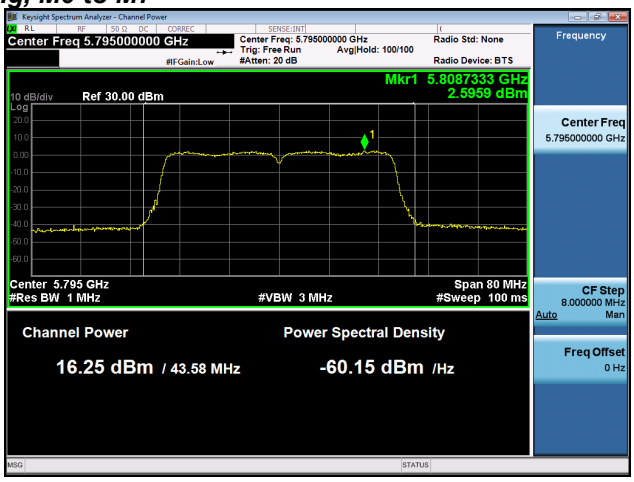
	HT/VHT40, M16 to M23	3	6	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40, M0 to M7	4	6	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40, M8 to M15	4	6	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40, M16 to M23	4	6	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40 Beam Forming, M0 to M7	2	9	17.0	16.2			19.6	27.0	7.4
	HT/VHT40 Beam Forming, M8 to M15	2	6	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 Beam Forming, M0 to M7	3	11	17.0	16.2	17.2		21.6	25.0	3.4
	HT/VHT40 Beam Forming, M8 to M15	3	8	17.0	16.2	17.2		21.6	28.0	6.4
	HT/VHT40 Beam Forming, M16 to M23	3	6	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 Beam Forming, M0 to M7	**4**	**12**	**17.0**	**16.2**	**17.2**	**16.8**	**22.8**	**24.0**	**1.2**
	HT/VHT40 Beam Forming, M8 to M15	4	9	17.0	16.2	17.2	16.8	22.8	27.0	4.2
	HT/VHT40 Beam Forming, M16 to M23	4	7	17.0	16.2	17.2	16.8	22.8	29.0	6.2
	HT/VHT40 STBC, M0 to M7	2	6	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 STBC, M0 to M7	3	6	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 STBC, M0 to M7	4	6	17.0	16.2	17.2	16.8	22.8	30.0	7.2
5825	Non HT20, 6 to 54 Mbps	1	6	16.1				16.1	30.0	13.9
	Non HT20, 6 to 54 Mbps	2	6	16.1	16.4			19.3	30.0	10.7
	Non HT20, 6 to 54 Mbps	3	6	16.1	16.4	16.7		21.2	30.0	8.8
	Non HT20, 6 to 54 Mbps	4	6	16.1	16.4	16.7	16.8	22.5	30.0	7.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	9	16.1	16.4			19.3	27.0	7.7
	Non HT20 Beam Forming, 6 to 54 Mbps	3	11	13.8	14.0	14.4		18.8	25.0	6.2
	Non HT20 Beam Forming, 6 to 54 Mbps	4	12	10.7	11.1	11.4	11.5	17.2	24.0	6.8
	HT/VHT20, M0 to M7	1	6	16.2				16.2	30.0	13.8
	HT/VHT20, M0 to M7	2	6	16.2	16.5			19.4	30.0	10.6
	HT/VHT20, M8 to M15	2	6	16.2	16.5			19.4	30.0	10.6
	HT/VHT20, M0 to M7	3	6	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M8 to M15	3	6	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M16 to M23	3	6	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20, M0 to M7	4	6	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20, M8 to M15	4	6	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20, M16 to M23	4	6	16.2	16.5	16.9	16.9	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M0 to M7	2	9	16.2	16.5			19.4	27.0	7.6
	HT/VHT20 Beam Forming, M8 to M15	2	6	16.2	16.5			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M0 to M7	3	11	13.9	14.1	14.5		18.9	25.0	6.1
	HT/VHT20 Beam Forming, M8 to M15	3	8	16.2	16.5	16.9		21.3	28.0	6.7
	HT/VHT20 Beam Forming, M16 to M23	3	6	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20 Beam Forming, M0 to M7	4	12	10.7	11.2	11.5	11.6	17.3	24.0	6.7
	HT/VHT20 Beam Forming, M8 to M15	4	9	13.9	15.3	15.7	15.7	21.2	27.0	5.8
	HT/VHT20 Beam Forming, M16 to M23	4	7	16.2	16.5	16.9	16.9	22.7	29.0	6.3
	HT/VHT20 STBC, M0 to M7	2	6	16.2	16.5			19.4	30.0	10.6

	HT/VHT20 STBC, M0 to M7	3	6	16.2	16.5	16.9		21.3	30.0	8.7
	HT/VHT20 STBC, M0 to M7	4	6	16.2	16.5	16.9	16.9	22.7	30.0	7.3

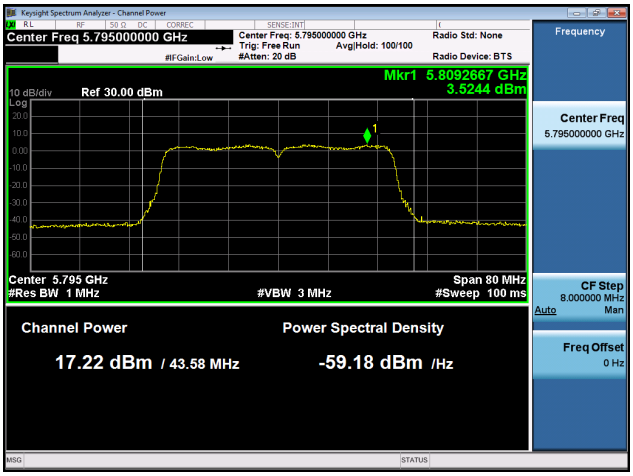
Peak Output Power, 5795 MHz, HT/VHT40 Beam Forming, M0 to M7



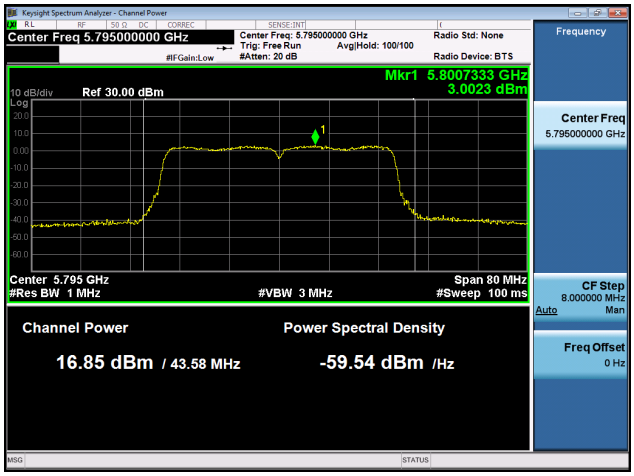
Antenna A



Antenna B



Antenna C



Antenna D

Antenna Gain : 8 dBi

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)
5745	Non HT20, 6 to 54 Mbps	1	8	15.2				15.2	28.0	12.8
	Non HT20, 6 to 54 Mbps	2	8	14.0	13.1			16.6	28.0	11.4
	Non HT20, 6 to 54 Mbps	3	8	10.9	8.2	7.3		13.9	28.0	14.1
	Non HT20, 6 to 54 Mbps	4	8	10.9	8.2	7.3	9.2	15.1	28.0	12.9
	Non HT20 Beam Forming, 6 to 54 Mbps	2	11	10.9	8.2			12.8	25.0	12.2
	Non HT20 Beam Forming, 6 to 54 Mbps	3	13	7.8	5.2	4.3		10.8	23.0	12.2
	Non HT20 Beam Forming, 6 to 54 Mbps	4	14	5.9	3.2	2.4	4.4	10.2	22.0	11.8
	HT/VHT20, M0 to M7	1	8	15.3				15.3	28.0	12.7
	HT/VHT20, M0 to M7	2	8	14.1	13.2			16.7	28.0	11.3
	HT/VHT20, M8 to M15	2	8	14.1	13.2			16.7	28.0	11.3
	HT/VHT20, M0 to M7	3	8	13.2	10.1	9.5		16.0	28.0	12.0
	HT/VHT20, M8 to M15	3	8	13.2	10.1	9.5		16.0	28.0	12.0
	HT/VHT20, M16 to M23	3	8	13.2	10.1	9.5		16.0	28.0	12.0
	HT/VHT20, M0 to M7	4	8	10.9	8.2	7.3	9.2	15.1	28.0	12.9
	HT/VHT20, M8 to M15	4	8	10.9	8.2	7.3	9.2	15.1	28.0	12.9
	HT/VHT20, M16 to M23	4	8	10.9	8.2	7.3	9.2	15.1	28.0	12.9
	HT/VHT20 Beam Forming, M0 to M7	2	11	13.2	10.1			14.9	25.0	10.1
	HT/VHT20 Beam Forming, M8 to M15	2	8	14.1	13.2			16.7	28.0	11.3
	HT/VHT20 Beam Forming, M0 to M7	3	13	7.8	5.2	4.3		10.8	23.0	12.2
	HT/VHT20 Beam Forming, M8 to M15	3	10	10.9	8.2	7.3		13.9	26.0	12.1
	HT/VHT20 Beam Forming, M16 to M23	3	8	13.2	10.1	9.5		16.0	28.0	12.0
	HT/VHT20 Beam Forming, M0 to M7	4	14	5.9	3.3	2.6	4.4	10.3	22.0	11.7
	HT/VHT20 Beam Forming, M8 to M15	4	11	8.8	6.2	5.3	7.3	13.1	25.0	11.9
	HT/VHT20 Beam Forming, M16 to M23	4	9	10.9	8.2	7.3	9.2	15.1	27.0	11.9
	HT/VHT20 STBC, M0 to M7	2	8	14.1	13.2			16.7	28.0	11.3
	HT/VHT20 STBC, M0 to M7	3	8	13.2	10.1	9.5		16.0	28.0	12.0
	HT/VHT20 STBC, M0 to M7	4	8	10.9	8.2	7.3	9.2	15.1	28.0	12.9
5755	Non HT40, 6 to 54 Mbps	1	8	12.8				12.8	28.0	15.2
	Non HT40, 6 to 54 Mbps	2	8	7.6	5.0			9.5	28.0	18.5
	Non HT40, 6 to 54 Mbps	3	8	7.6	5.0	5.0		10.8	28.0	17.2
	Non HT40, 6 to 54 Mbps	4	8	5.4	3.1	3.1	4.8	10.2	28.0	17.8

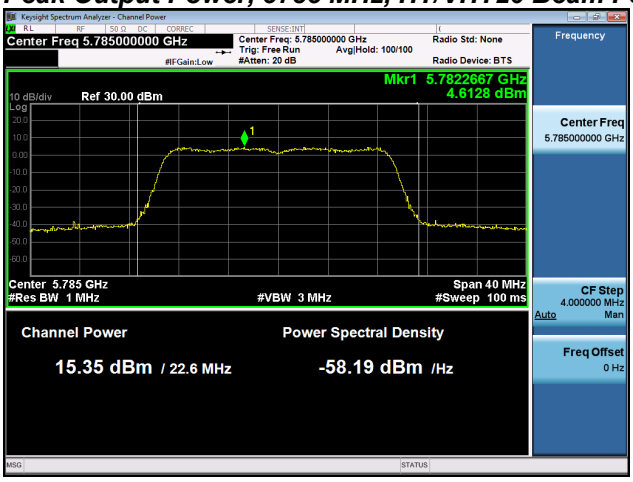
	HT/VHT40, M0 to M7	1	8	12.7				12.7	28.0	15.3
	HT/VHT40, M0 to M7	2	8	12.7	11.2			15.0	28.0	13.0
	HT/VHT40, M8 to M15	2	8	12.7	11.2			15.0	28.0	13.0
	HT/VHT40, M0 to M7	3	8	9.3	6.5	6.6		12.4	28.0	15.6
	HT/VHT40, M8 to M15	3	8	9.3	6.5	6.6		12.4	28.0	15.6
	HT/VHT40, M16 to M23	3	8	9.3	6.5	6.6		12.4	28.0	15.6
	HT/VHT40, M0 to M7	4	8	9.3	6.5	6.6	8.3	13.9	28.0	14.1
	HT/VHT40, M8 to M15	4	8	9.3	6.5	6.6	8.3	13.9	28.0	14.1
	HT/VHT40, M16 to M23	4	8	9.3	6.5	6.6	8.3	13.9	28.0	14.1
	HT/VHT40 Beam Forming, M0 to M7	2	11	10.5	7.5			12.3	25.0	12.7
	HT/VHT40 Beam Forming, M8 to M15	2	8	12.7	11.2			15.0	28.0	13.0
	HT/VHT40 Beam Forming, M0 to M7	3	13	4.2	1.7	1.7		7.5	23.0	15.5
	HT/VHT40 Beam Forming, M8 to M15	3	10	7.3	4.7	4.7		10.5	26.0	15.5
	HT/VHT40 Beam Forming, M16 to M23	3	8	9.3	6.5	6.6		12.4	28.0	15.6
	HT/VHT40 Beam Forming, M0 to M7	4	14	3.3	0.5	0.6	2.4	7.9	22.0	14.1
	HT/VHT40 Beam Forming, M8 to M15	4	11	5.2	2.6	2.7	4.4	9.9	25.0	15.1
	HT/VHT40 Beam Forming, M16 to M23	4	9	9.3	6.5	6.6	8.3	13.9	27.0	13.1
	HT/VHT40 STBC, M0 to M7	2	8	12.7	11.2			15.0	28.0	13.0
	HT/VHT40 STBC, M0 to M7	3	8	9.3	6.5	6.6		12.4	28.0	15.6
	HT/VHT40 STBC, M0 to M7	4	8	9.3	6.5	6.6	8.3	13.9	28.0	14.1
5775	Non HT80, 6 to 54 Mbps	1	8	12.5				12.5	28.0	15.5
	Non HT80, 6 to 54 Mbps	2	8	10.3	10.1			13.2	28.0	14.8
	Non HT80, 6 to 54 Mbps	3	8	7.5	5.6	5.5		11.1	28.0	16.9
	Non HT80, 6 to 54 Mbps	4	8	7.5	5.6	5.5	6.0	12.2	28.0	15.8
	VHT80, M0 to M9 1ss	1	8	14.2				14.2	28.0	13.8
	VHT80, M0 to M9 1ss	2	8	13.0	12.8			15.9	28.0	12.1
	VHT80, M0 to M9 2ss	2	8	13.0	12.8			15.9	28.0	12.1
	VHT80, M0 to M9 1ss	3	8	10.4	8.2	8.0		13.8	28.0	14.2
	VHT80, M0 to M9 2ss	3	8	10.4	8.2	8.0		13.8	28.0	14.2
	VHT80, M0 to M9 3ss	3	8	10.4	8.2	8.0		13.8	28.0	14.2
	VHT80, M0 to M9 1ss	4	8	10.4	8.2	8.0	8.5	14.9	28.0	13.1
	VHT80, M0 to M9 2ss	4	8	10.4	8.2	8.0	8.5	14.9	28.0	13.1
	VHT80, M0 to M9 3ss	4	8	10.4	8.2	8.0	8.5	14.9	28.0	13.1
	VHT80 Beam Forming, M0 to M9 1ss	2	11	10.4	8.2			12.4	25.0	12.6
	VHT80 Beam Forming, M0 to M9 2ss	2	8	13.0	12.8			15.9	28.0	12.1
	VHT80 Beam Forming, M0 to M9 1ss	3	13	8.0	6.1	5.9		11.5	23.0	11.5
	VHT80 Beam Forming, M0 to M9 2ss	3	10	10.4	8.2	8.0		13.8	26.0	12.2
	VHT80 Beam Forming, M0 to M9 3ss	3	8	10.4	8.2	8.0		13.8	28.0	14.2
	VHT80 Beam Forming, M0 to M9 1ss	4	14	4.2	2.2	2.0	2.7	8.9	22.0	13.1
	VHT80 Beam Forming, M0 to M9 2ss	4	11	8.0	6.1	5.9	6.6	12.8	25.0	12.2

	VHT80 Beam Forming, M0 to M9 3ss	4	9	10.4	8.2	8.0	8.5	14.9	27.0	12.1
	VHT80 STBC, M0 to M9 1ss	2	8	13.0	12.8			15.9	28.0	12.1
	VHT80 STBC, M0 to M9 1ss	3	8	10.4	8.2	8.0		13.8	28.0	14.2
	VHT80 STBC, M0 to M9 1ss	4	8	10.4	8.2	8.0	8.5	14.9	28.0	13.1
5785	Non HT20, 6 to 54 Mbps	1	8	16.3				16.3	28.0	11.7
	Non HT20, 6 to 54 Mbps	2	8	16.3	16.1			19.2	28.0	8.8
	Non HT20, 6 to 54 Mbps	3	8	16.3	16.1	16.9		21.2	28.0	6.8
	Non HT20, 6 to 54 Mbps	4	8	16.3	16.1	16.9	16.6	22.5	28.0	5.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	11	16.3	16.1			19.2	25.0	5.8
	Non HT20 Beam Forming, 6 to 54 Mbps	3	13	16.3	16.1	16.9		21.2	23.0	1.8
	Non HT20 Beam Forming, 6 to 54 Mbps	4	14	15.1	14.9	15.7	16.6	21.6	22.0	0.4
	HT/VHT20, M0 to M7	1	8	16.5				16.5	28.0	11.5
	HT/VHT20, M0 to M7	2	8	16.5	16.3			19.4	28.0	8.6
	HT/VHT20, M8 to M15	2	8	16.5	16.3			19.4	28.0	8.6
	HT/VHT20, M0 to M7	3	8	16.5	16.3	17.1		21.4	28.0	6.6
	HT/VHT20, M8 to M15	3	8	16.5	16.3	17.1		21.4	28.0	6.6
	HT/VHT20, M16 to M23	3	8	16.5	16.3	17.1		21.4	28.0	6.6
	HT/VHT20, M0 to M7	4	8	16.5	16.3	17.1	16.7	22.7	28.0	5.3
	HT/VHT20, M8 to M15	4	8	16.5	16.3	17.1	16.7	22.7	28.0	5.3
	HT/VHT20, M16 to M23	4	8	16.5	16.3	17.1	16.7	22.7	28.0	5.3
	HT/VHT20 Beam Forming, M0 to M7	2	11	16.5	16.3			19.4	25.0	5.6
	HT/VHT20 Beam Forming, M8 to M15	2	8	16.5	16.3			19.4	28.0	8.6
	HT/VHT20 Beam Forming, M0 to M7	3	13	16.5	16.3	17.1		21.4	23.0	1.6
	HT/VHT20 Beam Forming, M8 to M15	3	10	16.5	16.3	17.1		21.4	26.0	4.6
	HT/VHT20 Beam Forming, M16 to M23	3	8	16.5	16.3	17.1		21.4	28.0	6.6
	HT/VHT20 Beam Forming, M0 to M7	**4**	**14**	**15.3**	**15.1**	**15.8**	**16.8**	**21.8**	**22.0**	**0.2**
	HT/VHT20 Beam Forming, M8 to M15	4	11	16.5	16.3	17.1	16.7	22.7	25.0	2.3
	HT/VHT20 Beam Forming, M16 to M23	4	9	16.5	16.3	17.1	16.7	22.7	27.0	4.3
	HT/VHT20 STBC, M0 to M7	2	8	16.5	16.3			19.4	28.0	8.6
	HT/VHT20 STBC, M0 to M7	3	8	16.5	16.3	17.1		21.4	28.0	6.6
	HT/VHT20 STBC, M0 to M7	4	8	16.5	16.3	17.1	16.7	22.7	28.0	5.3
5795	Non HT40, 6 to 54 Mbps	1	8	18.4				18.4	28.0	9.6
	Non HT40, 6 to 54 Mbps	2	8	18.4	17.4			20.9	28.0	7.1
	Non HT40, 6 to 54 Mbps	3	8	18.4	17.4	18.4		22.9	28.0	5.1
	Non HT40, 6 to 54 Mbps	4	8	18.4	17.4	18.4	18.0	24.1	28.0	3.9
	HT/VHT40, M0 to M7	1	8	17.0				17.0	28.0	11.0
	HT/VHT40, M0 to M7	2	8	17.0	16.2			19.6	28.0	8.4
	HT/VHT40, M8 to M15	2	8	17.0	16.2			19.6	28.0	8.4
	HT/VHT40, M0 to M7	3	8	17.0	16.2	17.2		21.6	28.0	6.4

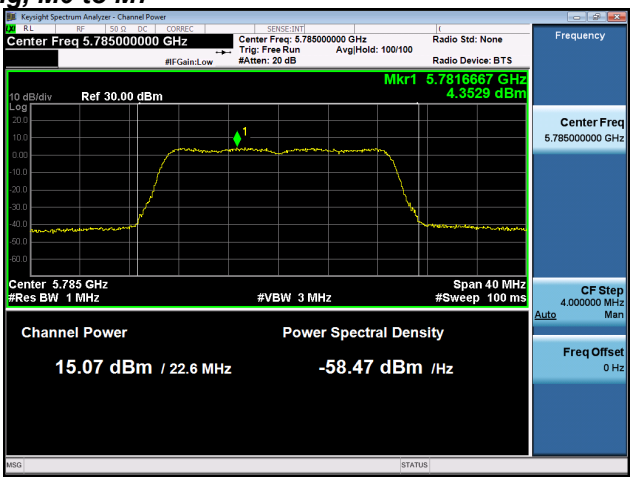
	HT/VHT40, M8 to M15	3	8	17.0	16.2	17.2		21.6	28.0	6.4
	HT/VHT40, M16 to M23	3	8	17.0	16.2	17.2		21.6	28.0	6.4
	HT/VHT40, M0 to M7	4	8	17.0	16.2	17.2	16.8	22.8	28.0	5.2
	HT/VHT40, M8 to M15	4	8	17.0	16.2	17.2	16.8	22.8	28.0	5.2
	HT/VHT40, M16 to M23	4	8	17.0	16.2	17.2	16.8	22.8	28.0	5.2
	HT/VHT40 Beam Forming, M0 to M7	2	11	17.0	16.2			19.6	25.0	5.4
	HT/VHT40 Beam Forming, M8 to M15	2	8	17.0	16.2			19.6	28.0	8.4
	HT/VHT40 Beam Forming, M0 to M7	3	13	17.0	16.2	17.2		21.6	23.0	1.4
	HT/VHT40 Beam Forming, M8 to M15	3	10	17.0	16.2	17.2		21.6	26.0	4.4
	HT/VHT40 Beam Forming, M16 to M23	3	8	17.0	16.2	17.2		21.6	28.0	6.4
	HT/VHT40 Beam Forming, M0 to M7	4	14	14.1	13.8	14.8	14.5	20.3	22.0	1.7
	HT/VHT40 Beam Forming, M8 to M15	4	11	17.0	16.2	17.2	16.8	22.8	25.0	2.2
	HT/VHT40 Beam Forming, M16 to M23	4	9	17.0	16.2	17.2	16.8	22.8	27.0	4.2
	HT/VHT40 STBC, M0 to M7	2	8	17.0	16.2			19.6	28.0	8.4
	HT/VHT40 STBC, M0 to M7	3	8	17.0	16.2	17.2		21.6	28.0	6.4
	HT/VHT40 STBC, M0 to M7	4	8	17.0	16.2	17.2	16.8	22.8	28.0	5.2
5825	Non HT20, 6 to 54 Mbps	1	8	16.1				16.1	28.0	11.9
	Non HT20, 6 to 54 Mbps	2	8	16.1	16.4			19.3	28.0	8.7
	Non HT20, 6 to 54 Mbps	3	8	16.1	16.4	16.7		21.2	28.0	6.8
	Non HT20, 6 to 54 Mbps	4	8	15.0	15.1	15.6	16.9	21.7	28.0	6.3
	Non HT20 Beam Forming, 6 to 54 Mbps	2	11	15.0	15.1			18.1	25.0	6.9
	Non HT20 Beam Forming, 6 to 54 Mbps	3	13	11.7	12.1	12.4		16.8	23.0	6.2
	Non HT20 Beam Forming, 6 to 54 Mbps	4	14	9.0	9.0	6.5	7.0	14.0	22.0	8.0
	HT/VHT20, M0 to M7	1	8	16.2				16.2	28.0	11.8
	HT/VHT20, M0 to M7	2	8	16.2	16.5			19.4	28.0	8.6
	HT/VHT20, M8 to M15	2	8	16.2	16.5			19.4	28.0	8.6
	HT/VHT20, M0 to M7	3	8	16.2	16.5	16.9		21.3	28.0	6.7
	HT/VHT20, M8 to M15	3	8	16.2	16.5	16.9		21.3	28.0	6.7
	HT/VHT20, M16 to M23	3	8	16.2	16.5	16.9		21.3	28.0	6.7
	HT/VHT20, M0 to M7	4	8	13.9	15.3	15.7	15.7	21.2	28.0	6.8
	HT/VHT20, M8 to M15	4	8	13.9	15.3	15.7	15.7	21.2	28.0	6.8
	HT/VHT20, M16 to M23	4	8	13.9	15.3	15.7	15.7	21.2	28.0	6.8
	HT/VHT20 Beam Forming, M0 to M7	2	11	15.0	15.3			18.2	25.0	6.8
	HT/VHT20 Beam Forming, M8 to M15	2	8	16.2	16.5			19.4	28.0	8.6
	HT/VHT20 Beam Forming, M0 to M7	3	13	10.7	11.2	11.5		15.9	23.0	7.1
	HT/VHT20 Beam Forming, M8 to M15	3	10	15.0	15.3	15.7		20.1	26.0	5.9
	HT/VHT20 Beam Forming, M16 to M23	3	8	16.2	16.5	16.9		21.3	28.0	6.7
	HT/VHT20 Beam Forming, M0 to M7	4	14	10.4	10.3	7.9	8.1	15.4	22.0	6.6
	HT/VHT20 Beam Forming, M8 to M15	4	11	11.7	12.1	12.5	12.5	18.2	25.0	6.8
	HT/VHT20 Beam Forming, M16 to M23	4	9	13.9	15.3	15.7	15.7	21.2	27.0	5.8

	HT/VHT20 STBC, M0 to M7	2	8	16.2	16.5			19.4	28.0	8.6
	HT/VHT20 STBC, M0 to M7	3	8	16.2	16.5	16.9		21.3	28.0	6.7
	HT/VHT20 STBC, M0 to M7	4	8	13.9	15.3	15.7	15.7	21.2	28.0	6.8

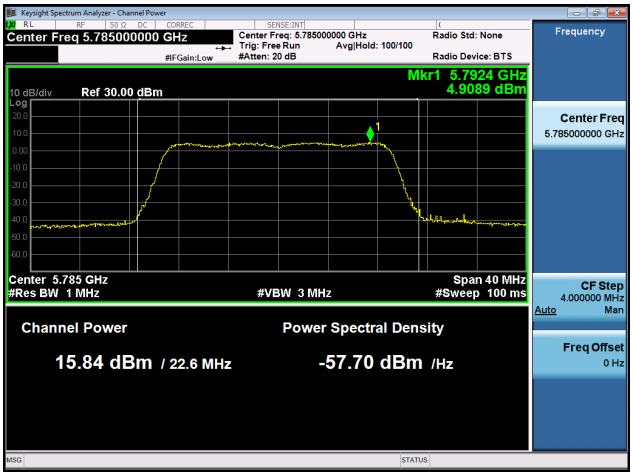
Peak Output Power, 5785 MHz, HT/VHT20 Beam Forming, M0 to M7



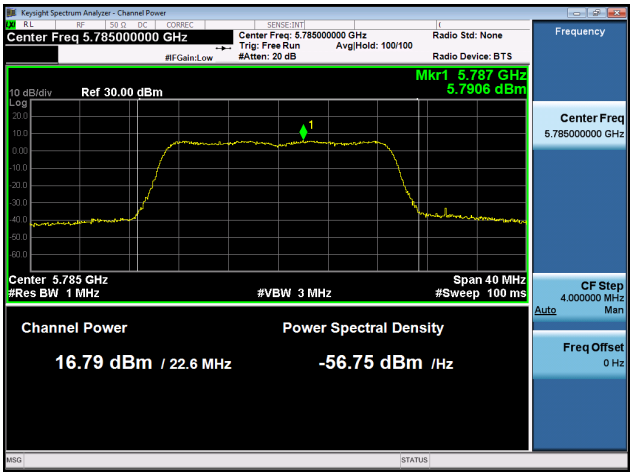
Antenna A



Antenna B



Antenna C



Antenna D

Antenna Gain : 13 dBi

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)
5745	Non HT20, 6 to 54 Mbps	1	13	12.1				12.1	30.0	17.9
	Non HT20, 6 to 54 Mbps	2	13	10.9	8.2			12.8	30.0	17.2
	Non HT20, 6 to 54 Mbps	3	13	7.8	5.2	4.3		10.8	30.0	19.2
	Non HT20, 6 to 54 Mbps	4	13	5.9	3.2	2.4	4.4	10.2	30.0	19.8
	Non HT20 Beam Forming, 6 to 54 Mbps	2	13	10.9	8.2			12.8	30.0	17.2
	Non HT20 Beam Forming, 6 to 54 Mbps	3	16	4.9	2.2	1.6		7.9	30.0	22.1
	Non HT20 Beam Forming, 6 to 54 Mbps	4	16	4.9	2.2	1.6	3.4	9.2	30.0	20.8
	HT/VHT20, M0 to M7	1	13	12.1				12.1	30.0	17.9
	HT/VHT20, M0 to M7	2	13	12.1	9.1			13.9	30.0	16.1
	HT/VHT20, M8 to M15	2	13	12.1	9.1			13.9	30.0	16.1
	HT/VHT20, M0 to M7	3	13	7.8	5.2	4.3		10.8	30.0	19.2
	HT/VHT20, M8 to M15	3	13	7.8	5.2	4.3		10.8	30.0	19.2
	HT/VHT20, M16 to M23	3	13	7.8	5.2	4.3		10.8	30.0	19.2
	HT/VHT20, M0 to M7	4	13	5.9	3.3	2.6	4.4	10.3	30.0	19.7
	HT/VHT20, M8 to M15	4	13	5.9	3.3	2.6	4.4	10.3	30.0	19.7
	HT/VHT20, M16 to M23	4	13	5.9	3.3	2.6	4.4	10.3	30.0	19.7
	HT/VHT20 Beam Forming, M0 to M7	2	13	12.1	9.1			13.9	30.0	16.1
	HT/VHT20 Beam Forming, M8 to M15	2	13	12.1	9.1			13.9	30.0	16.1
	HT/VHT20 Beam Forming, M0 to M7	3	16	5.0	2.3	1.6		8.0	30.0	22.0
	HT/VHT20 Beam Forming, M8 to M15	3	13	7.8	5.2	4.3		10.8	30.0	19.2
	HT/VHT20 Beam Forming, M16 to M23	3	13	7.8	5.2	4.3		10.8	30.0	19.2
	HT/VHT20 Beam Forming, M0 to M7	4	16	5.0	2.3	1.6	3.4	9.3	30.0	20.7
	HT/VHT20 Beam Forming, M8 to M15	4	13	5.9	3.3	2.6	4.4	10.3	30.0	19.7
	HT/VHT20 Beam Forming, M16 to M23	4	13	5.9	3.3	2.6	4.4	10.3	30.0	19.7
	HT/VHT20 STBC, M0 to M7	2	13	12.1	9.1			13.9	30.0	16.1
	HT/VHT20 STBC, M0 to M7	3	13	7.8	5.2	4.3		10.8	30.0	19.2
	HT/VHT20 STBC, M0 to M7	4	13	5.9	3.3	2.6	4.4	10.3	30.0	19.7
5755	Non HT40, 6 to 54 Mbps	1	13	5.4				5.4	30.0	24.6
	Non HT40, 6 to 54 Mbps	2	13	4.5	1.8			6.4	30.0	23.6
	Non HT40, 6 to 54 Mbps	3	13	0.4	1.2	0.9		5.6	30.0	24.4
	Non HT40, 6 to 54 Mbps	4	13	0.4	1.2	0.9	1.2	7.0	30.0	23.0
	HT/VHT40, M0 to M7	1	13	9.3				9.3	30.0	20.7

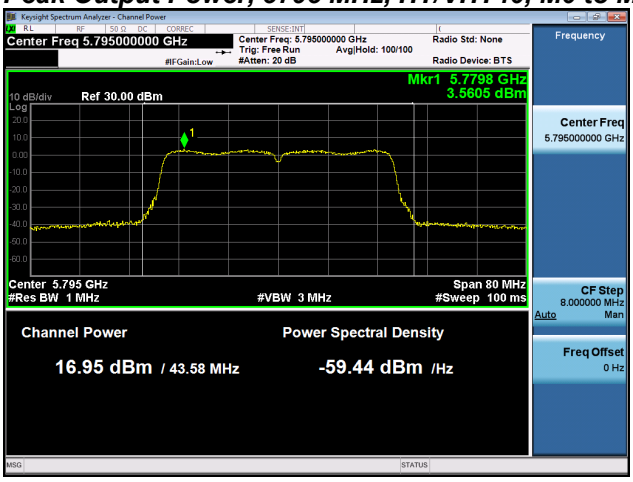
	HT/VHT40, M0 to M7	2	13	8.2	5.6			10.1	30.0	19.9
	HT/VHT40, M8 to M15	2	13	8.2	5.6			10.1	30.0	19.9
	HT/VHT40, M0 to M7	3	13	4.2	1.7	1.7		7.5	30.0	22.5
	HT/VHT40, M8 to M15	3	13	4.2	1.7	1.7		7.5	30.0	22.5
	HT/VHT40, M16 to M23	3	13	4.2	1.7	1.7		7.5	30.0	22.5
	HT/VHT40, M0 to M7	4	13	3.3	0.5	0.6	2.4	7.9	30.0	22.1
	HT/VHT40, M8 to M15	4	13	3.3	0.5	0.6	2.4	7.9	30.0	22.1
	HT/VHT40, M16 to M23	4	13	3.3	0.5	0.6	2.4	7.9	30.0	22.1
	HT/VHT40 Beam Forming, M0 to M7	2	13	8.2	5.6			10.1	30.0	19.9
	HT/VHT40 Beam Forming, M8 to M15	2	13	8.2	5.6			10.1	30.0	19.9
	HT/VHT40 Beam Forming, M0 to M7	3	16	3.3	0.5	0.6		6.4	30.0	23.6
	HT/VHT40 Beam Forming, M8 to M15	3	13	4.2	1.7	1.7		7.5	30.0	22.5
	HT/VHT40 Beam Forming, M16 to M23	3	13	4.2	1.7	1.7		7.5	30.0	22.5
	HT/VHT40 Beam Forming, M0 to M7	4	16	0.1	1.0	0.7	1.0	6.7	30.0	23.3
	HT/VHT40 Beam Forming, M8 to M15	4	13	3.3	0.5	0.6	2.4	7.9	30.0	22.1
	HT/VHT40 Beam Forming, M16 to M23	4	13	3.3	0.5	0.6	2.4	7.9	30.0	22.1
	HT/VHT40 STBC, M0 to M7	2	13	8.2	5.6			10.1	30.0	19.9
	HT/VHT40 STBC, M0 to M7	3	13	4.2	1.7	1.7		7.5	30.0	22.5
	HT/VHT40 STBC, M0 to M7	4	13	3.3	0.5	0.6	2.4	7.9	30.0	22.1
5775	Non HT80, 6 to 54 Mbps	1	13	11.3				11.3	30.0	18.7
	Non HT80, 6 to 54 Mbps	2	13	5.6	3.8			7.8	30.0	22.2
	Non HT80, 6 to 54 Mbps	3	13	2.8	0.8	0.5		6.3	30.0	23.7
	Non HT80, 6 to 54 Mbps	4	13	0.6	0.0	0.7	0.7	6.5	30.0	23.5
	VHT80, M0 to M9 1ss	1	13	11.0				11.0	30.0	19.0
	VHT80, M0 to M9 1ss	2	13	8.0	6.1			10.2	30.0	19.8
	VHT80, M0 to M9 2ss	2	13	8.0	6.1			10.2	30.0	19.8
	VHT80, M0 to M9 1ss	3	13	8.0	6.1	5.9		11.5	30.0	18.5
	VHT80, M0 to M9 2ss	3	13	8.0	6.1	5.9		11.5	30.0	18.5
	VHT80, M0 to M9 3ss	3	13	8.0	6.1	5.9		11.5	30.0	18.5
	VHT80, M0 to M9 1ss	4	13	6.1	4.2	4.0	4.6	10.8	30.0	19.2
	VHT80, M0 to M9 2ss	4	13	6.1	4.2	4.0	4.6	10.8	30.0	19.2
	VHT80, M0 to M9 3ss	4	13	6.1	4.2	4.0	4.6	10.8	30.0	19.2
	VHT80 Beam Forming, M0 to M9 1ss	2	13	8.0	6.1			10.2	30.0	19.8
	VHT80 Beam Forming, M0 to M9 2ss	2	13	8.0	6.1			10.2	30.0	19.8
	VHT80 Beam Forming, M0 to M9 1ss	3	16	5.1	3.3	3.1		8.7	30.0	21.3
	VHT80 Beam Forming, M0 to M9 2ss	3	13	8.0	6.1	5.9		11.5	30.0	18.5
	VHT80 Beam Forming, M0 to M9 3ss	3	13	8.0	6.1	5.9		11.5	30.0	18.5
	VHT80 Beam Forming, M0 to M9 1ss	4	16	4.2	2.2	2.0	2.7	8.9	30.0	21.1
	VHT80 Beam Forming, M0 to M9 2ss	4	13	6.1	4.2	4.0	4.6	10.8	30.0	19.2
	VHT80 Beam Forming, M0 to M9 3ss	4	13	6.1	4.2	4.0	4.6	10.8	30.0	19.2

	VHT80 STBC, M0 to M9 1ss	2	13	8.0	6.1			10.2	30.0	19.8
	VHT80 STBC, M0 to M9 1ss	3	13	8.0	6.1	5.9		11.5	30.0	18.5
	VHT80 STBC, M0 to M9 1ss	4	13	6.1	4.2	4.0	4.6	10.8	30.0	19.2
5785	Non HT20, 6 to 54 Mbps	1	13	16.3				16.3	30.0	13.7
	Non HT20, 6 to 54 Mbps	2	13	16.3	16.1			19.2	30.0	10.8
	Non HT20, 6 to 54 Mbps	3	13	16.3	16.1	16.9		21.2	30.0	8.8
	Non HT20, 6 to 54 Mbps	4	13	16.3	16.1	16.9	16.6	22.5	30.0	7.5
	Non HT20 Beam Forming, 6 to 54 Mbps	2	13	16.3	16.1			19.2	30.0	10.8
	Non HT20 Beam Forming, 6 to 54 Mbps	3	16	12.8	12.7	13.4		17.7	30.0	12.3
	Non HT20 Beam Forming, 6 to 54 Mbps	4	16	10.9	10.8	11.5	11.3	17.2	30.0	12.8
	HT/VHT20, M0 to M7	1	13	16.5				16.5	30.0	13.5
	HT/VHT20, M0 to M7	2	13	16.5	16.3			19.4	30.0	10.6
	HT/VHT20, M8 to M15	2	13	16.5	16.3			19.4	30.0	10.6
	HT/VHT20, M0 to M7	3	13	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M8 to M15	3	13	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M16 to M23	3	13	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20, M0 to M7	4	13	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20, M8 to M15	4	13	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20, M16 to M23	4	13	16.5	16.3	17.1	16.7	22.7	30.0	7.3
	HT/VHT20 Beam Forming, M0 to M7	2	13	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M8 to M15	2	13	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 Beam Forming, M0 to M7	3	16	12.9	12.8	13.5		17.8	30.0	12.2
	HT/VHT20 Beam Forming, M8 to M15	3	13	15.3	15.1	15.8		20.2	30.0	9.8
	HT/VHT20 Beam Forming, M16 to M23	3	13	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 Beam Forming, M0 to M7	4	16	11.0	10.9	11.6	11.4	17.3	30.0	12.7
	HT/VHT20 Beam Forming, M8 to M15	4	13	14.1	13.9	14.7	14.3	20.3	30.0	9.7
	HT/VHT20 Beam Forming, M16 to M23	4	13	15.3	15.1	15.8	16.8	21.8	30.0	8.2
	HT/VHT20 STBC, M0 to M7	2	13	16.5	16.3			19.4	30.0	10.6
	HT/VHT20 STBC, M0 to M7	3	13	16.5	16.3	17.1		21.4	30.0	8.6
	HT/VHT20 STBC, M0 to M7	4	13	16.5	16.3	17.1	16.7	22.7	30.0	7.3
5795	Non HT40, 6 to 54 Mbps	1	13	18.4				18.4	30.0	11.6
	Non HT40, 6 to 54 Mbps	2	13	17.5	16.2			19.9	30.0	10.1
	Non HT40, 6 to 54 Mbps	3	13	16.2	15.1	16.0		20.6	30.0	9.4
	Non HT40, 6 to 54 Mbps	4	13	16.2	15.1	16.0	15.7	21.8	30.0	8.2
	HT/VHT40, M0 to M7	1	13	17.0				17.0	30.0	13.0
	HT/VHT40, M0 to M7	2	13	17.0	16.2			19.6	30.0	10.4
	HT/VHT40, M8 to M15	2	13	17.0	16.2			19.6	30.0	10.4
	HT/VHT40, M0 to M7	3	13	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40, M8 to M15	3	13	17.0	16.2	17.2		21.6	30.0	8.4

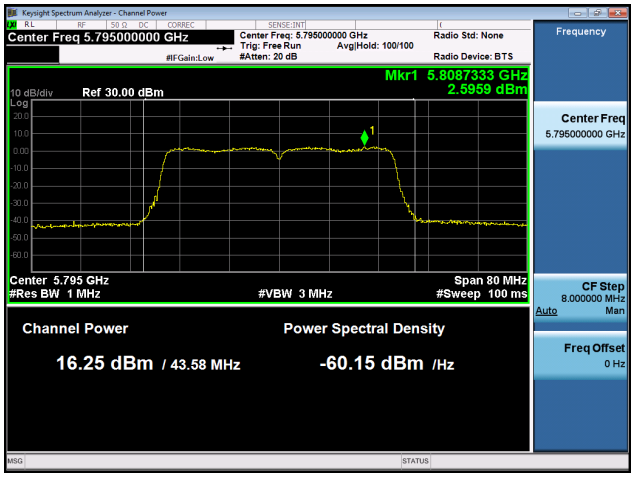
	HT/VHT40, M16 to M23	3	13	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40, M0 to M7	**4**	**13**	**17.0**	**16.2**	**17.2**	**16.8**	**22.8**	**30.0**	**7.2**
	HT/VHT40, M8 to M15	4	13	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40, M16 to M23	4	13	17.0	16.2	17.2	16.8	22.8	30.0	7.2
	HT/VHT40 Beam Forming, M0 to M7	2	13	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 Beam Forming, M8 to M15	2	13	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 Beam Forming, M0 to M7	3	16	13.9	12.8	13.8		18.3	30.0	11.7
	HT/VHT40 Beam Forming, M8 to M15	3	13	16.0	15.1	15.9		20.5	30.0	9.5
	HT/VHT40 Beam Forming, M16 to M23	3	13	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 Beam Forming, M0 to M7	4	16	11.6	10.9	11.9	11.7	17.6	30.0	12.4
	HT/VHT40 Beam Forming, M8 to M15	4	13	14.1	13.8	14.8	14.5	20.3	30.0	9.7
	HT/VHT40 Beam Forming, M16 to M23	4	13	14.1	13.8	14.8	14.5	20.3	30.0	9.7
	HT/VHT40 STBC, M0 to M7	2	13	17.0	16.2			19.6	30.0	10.4
	HT/VHT40 STBC, M0 to M7	3	13	17.0	16.2	17.2		21.6	30.0	8.4
	HT/VHT40 STBC, M0 to M7	4	13	17.0	16.2	17.2	16.8	22.8	30.0	7.2
5825	Non HT20, 6 to 54 Mbps	1	13	16.1				16.1	30.0	13.9
	Non HT20, 6 to 54 Mbps	2	13	13.8	14.0			16.9	30.0	13.1
	Non HT20, 6 to 54 Mbps	3	13	11.7	12.1	12.4		16.8	30.0	13.2
	Non HT20, 6 to 54 Mbps	4	13	10.7	11.1	11.4	11.5	17.2	30.0	12.8
	Non HT20 Beam Forming, 6 to 54 Mbps	2	13	13.8	14.0			16.9	30.0	13.1
	Non HT20 Beam Forming, 6 to 54 Mbps	3	16	9.0	9.0	6.5		13.1	30.0	16.9
	Non HT20 Beam Forming, 6 to 54 Mbps	4	16	6.7	7.1	4.3	4.9	11.9	30.0	18.1
	HT/VHT20, M0 to M7	1	13	16.2				16.2	30.0	13.8
	HT/VHT20, M0 to M7	2	13	13.9	14.1			17.0	30.0	13.0
	HT/VHT20, M8 to M15	2	13	13.9	14.1			17.0	30.0	13.0
	HT/VHT20, M0 to M7	3	13	10.7	11.2	11.5		15.9	30.0	14.1
	HT/VHT20, M8 to M15	3	13	10.7	11.2	11.5		15.9	30.0	14.1
	HT/VHT20, M16 to M23	3	13	10.7	11.2	11.5		15.9	30.0	14.1
	HT/VHT20, M0 to M7	4	13	10.7	11.2	11.5	11.6	17.3	30.0	12.7
	HT/VHT20, M8 to M15	4	13	10.7	11.2	11.5	11.6	17.3	30.0	12.7
	HT/VHT20, M16 to M23	4	13	10.7	11.2	11.5	11.6	17.3	30.0	12.7
	HT/VHT20 Beam Forming, M0 to M7	2	13	13.9	14.1			17.0	30.0	13.0
	HT/VHT20 Beam Forming, M8 to M15	2	13	13.9	14.1			17.0	30.0	13.0
	HT/VHT20 Beam Forming, M0 to M7	3	16	9.2	9.2	6.7		13.3	30.0	16.7
	HT/VHT20 Beam Forming, M8 to M15	3	13	10.7	11.2	11.5		15.9	30.0	14.1
	HT/VHT20 Beam Forming, M16 to M23	3	13	10.7	11.2	11.5		15.9	30.0	14.1
	HT/VHT20 Beam Forming, M0 to M7	4	16	8.0	8.3	5.7	6.2	13.2	30.0	16.8
	HT/VHT20 Beam Forming, M8 to M15	4	13	10.7	11.2	11.5	11.6	17.3	30.0	12.7
	HT/VHT20 Beam Forming, M16 to M23	4	13	10.7	11.2	11.5	11.6	17.3	30.0	12.7
	HT/VHT20 STBC, M0 to M7	2	13	13.9	14.1			17.0	30.0	13.0

	HT/VHT20 STBC, M0 to M7	3	13	10.7	11.2	11.5		15.9	30.0	14.1
	HT/VHT20 STBC, M0 to M7	4	13	10.7	11.2	11.5	11.6	17.3	30.0	12.7

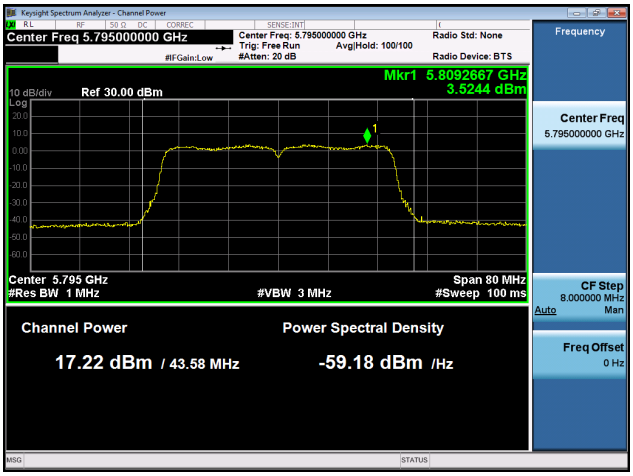
Peak Output Power, 5795 MHz, HT/VHT40, M0 to M7



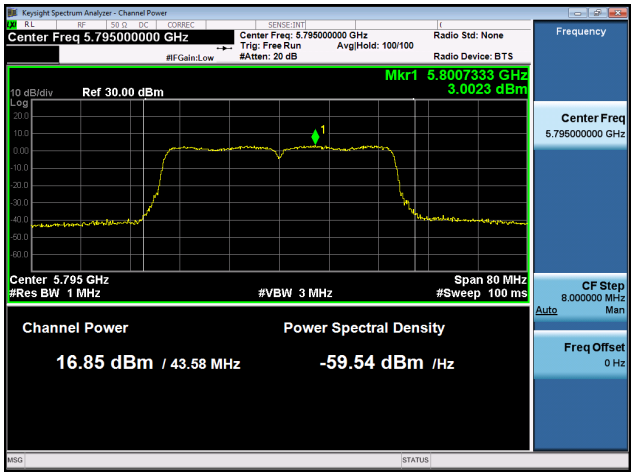
Antenna A



Antenna B



Antenna C



Antenna D

A.4 Power Spectral Density

15.407

The power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Procedure

Ref. KDB 789033 D02 General UNII Test Procedures New Rules v01

Power Spectral Density Test Procedure
1. Connect the antenna port(s) to the spectrum analyzer input. 2. Set the radio in the continuous transmitting mode at full power 3. Configure Spectrum analyzer as per test parameters below and Peak search marker 4. Capture graphs and record pertinent measurement data.

Ref. KDB 789033 D02 v01 section F.5

Power Spectral Density Test parameters
Span = >1.5 times the OBW RBW = 500 kHz. VBW ≥ 3 x RBW Sweep = 10s Detector = Peak Trace = Single Sweep Marker = Peak Search

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. (ANSI C63.10 2013 section 14.3.2.3)

System Number	Description	Samples	System under test	Support equipment
1	EUT	S01	☑	☐
	Support	S02	☐	☑

Tested By : Jose Aguirre	**Date of testing:** **01-Jan-16 - 03-Mar-16**
Test Result : PASS	

See Appendix C for list of test equipment

Antenna Gain : 2 dBi

Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/500kHz)	Tx 2 PSD (dBm/500kHz)	Tx 3 PSD (dBm/500kHz)	Tx 4 PSD (dBm/500kHz)	Total PSD (dBm/500kHz)	Limit (dBm/500MHz)	Margin (dB)
5745	Non HT20, 6 to 54 Mbps	1	2	3.8				3.8	30.0	26.2
	Non HT20, 6 to 54 Mbps	2	5	3.8	3.1			6.5	30.0	23.5
	Non HT20, 6 to 54 Mbps	3	7	2.0	1.7	1.4		6.5	29.0	22.5
	Non HT20, 6 to 54 Mbps	4	8	0.6	-0.2	-0.8	0.8	6.2	28.0	21.8
	Non HT20 Beam Forming, 6 to 54 Mbps	2	5	1.7	0.6			4.2	30.0	25.8
	Non HT20 Beam Forming, 6 to 54 Mbps	3	7	-1.4	-4.1	-5.1		1.5	29.0	27.5
	Non HT20 Beam Forming, 6 to 54 Mbps	4	8	-2.6	-5.2	-6.3	-4.3	1.6	28.0	26.4
	HT/VHT20, M0 to M7	1	2	4.0				4.0	30.0	26.0
	HT/VHT20, M0 to M7	2	5	4.0	2.9			6.5	30.0	23.5
	HT/VHT20, M8 to M15	2	2	4.0	2.9			6.5	30.0	23.5
	HT/VHT20, M0 to M7	3	7	2.8	1.8	1.3		6.8	29.0	22.2
	HT/VHT20, M8 to M15	3	4	2.8	1.8	1.3		6.8	30.0	23.2
	HT/VHT20, M16 to M23	3	2	2.8	1.8	1.3		6.8	30.0	23.2
	HT/VHT20, M0 to M7	4	8	2.8	1.8	1.3	4.2	8.7	28.0	19.3
	HT/VHT20, M8 to M15	4	5	2.8	1.8	1.3	4.2	8.7	30.0	21.3
	HT/VHT20, M16 to M23	4	3	2.8	1.8	1.3	4.2	8.7	30.0	21.3
	HT/VHT20 Beam Forming, M0 to M7	2	5	2.8	1.8			5.3	30.0	24.7
	HT/VHT20 Beam Forming, M8 to M15	2	2	4.0	2.9			6.5	30.0	23.5
	HT/VHT20 Beam Forming, M0 to M7	3	7	-1.5	-2.5	-2.7		2.6	29.0	26.4
	HT/VHT20 Beam Forming, M8 to M15	3	4	0.6	-0.3	-1.2		4.5	30.0	25.5
	HT/VHT20 Beam Forming, M16 to M23	3	2	2.8	1.8	1.3		6.8	30.0	23.2
	HT/VHT20 Beam Forming, M0 to M7	4	8	-2.8	-5.2	-6.3	-4.3	1.6	28.0	26.4
	HT/VHT20 Beam Forming, M8 to M15	4	5	-1.5	-2.5	-2.7	-1.5	4.0	30.0	26.0
	HT/VHT20 Beam Forming, M16 to M23	4	3	0.6	-0.3	-1.2	0.8	6.1	30.0	23.9
	HT/VHT20 STBC, M0 to M7	2	2	4.0	2.9			6.5	30.0	23.5
	HT/VHT20 STBC, M0 to M7	3	4	2.8	1.8	1.3		6.8	30.0	23.2
	HT/VHT20 STBC, M0 to M7	4	5	2.8	1.8	1.3	4.2	8.7	30.0	21.3
5755	Non HT40, 6 to 54 Mbps	1	2	-2.4				-2.4	30.0	32.4
	Non HT40, 6 to 54 Mbps	2	5	-2.4	-3.2			0.2	30.0	29.8
	Non HT40, 6 to 54 Mbps	3	7	-3.0	-5.1	-5.4		0.4	29.0	28.6
	Non HT40, 6 to 54 Mbps	4	8	-3.0	-5.1	-5.4	-3.5	1.9	28.0	26.1
	HT/VHT40, M0 to M7	1	2	1.6				1.6	30.0	28.4

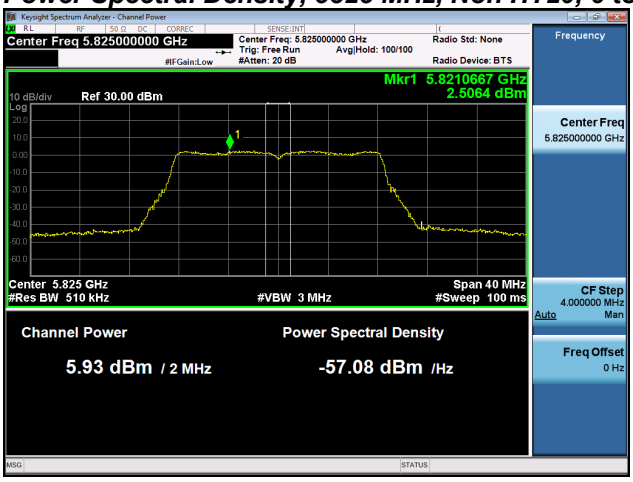
	HT/VHT40, M0 to M7	2	5	1.6	-0.1			3.8	30.0	26.2
	HT/VHT40, M8 to M15	2	2	1.6	-0.1			3.8	30.0	26.2
	HT/VHT40, M0 to M7	3	7	-1.5	-2.6	-2.5		2.6	29.0	26.4
	HT/VHT40, M8 to M15	3	4	-1.5	-2.6	-2.5		2.6	30.0	27.4
	HT/VHT40, M16 to M23	3	2	-1.5	-2.6	-2.5		2.6	30.0	27.4
	HT/VHT40, M0 to M7	4	8	-1.5	-2.6	-2.5	-1.1	4.1	28.0	23.9
	HT/VHT40, M8 to M15	4	5	-1.5	-2.6	-2.5	-1.1	4.1	30.0	25.9
	HT/VHT40, M16 to M23	4	3	-1.5	-2.6	-2.5	-1.1	4.1	30.0	25.9
	HT/VHT40 Beam Forming, M0 to M7	2	5	-1.5	-2.6			1.0	30.0	29.0
	HT/VHT40 Beam Forming, M8 to M15	2	2	1.6	-0.1			3.8	30.0	26.2
	HT/VHT40 Beam Forming, M0 to M7	3	7	-5.9	-8.8	-8.9		-2.9	29.0	31.9
	HT/VHT40 Beam Forming, M8 to M15	3	4	-1.5	-2.6	-2.5		2.6	30.0	27.4
	HT/VHT40 Beam Forming, M16 to M23	3	2	-1.5	-2.6	-2.5		2.6	30.0	27.4
	HT/VHT40 Beam Forming, M0 to M7	4	8	-6.8	-9.7	-9.8	-8.0	-2.4	28.0	30.4
	HT/VHT40 Beam Forming, M8 to M15	4	5	-3.8	-6.8	-6.8	-5.5	0.5	30.0	29.5
	HT/VHT40 Beam Forming, M16 to M23	4	3	-3.8	-6.8	-6.8	-5.5	0.5	30.0	29.5
	HT/VHT40 STBC, M0 to M7	2	2	1.6	-0.1			3.8	30.0	26.2
	HT/VHT40 STBC, M0 to M7	3	4	-1.5	-2.6	-2.5		2.6	30.0	27.4
	HT/VHT40 STBC, M0 to M7	4	5	-1.5	-2.6	-2.5	-1.1	4.1	30.0	25.9
5775	Non HT80, 6 to 54 Mbps	1	2	-5.5				-5.5	30.0	35.5
	Non HT80, 6 to 54 Mbps	2	5	-5.5	-6.3			-2.9	30.0	32.9
	Non HT80, 6 to 54 Mbps	3	7	-6.9	-7.0	-7.0		-2.2	29.0	31.2
	Non HT80, 6 to 54 Mbps	4	8	-8.1	-9.1	-7.7	-7.5	-2.0	28.0	30.0
	VHT80, M0 to M9 1ss	1	2	-5.5				-5.5	30.0	35.5
	VHT80, M0 to M9 1ss	2	5	-5.5	-5.2			-2.3	30.0	32.3
	VHT80, M0 to M9 2ss	2	2	-5.5	-5.2			-2.3	30.0	32.3
	VHT80, M0 to M9 1ss	3	7	-5.5	-5.2	-4.5		-0.3	29.0	29.3
	VHT80, M0 to M9 2ss	3	4	-5.5	-5.2	-4.5		-0.3	30.0	30.3
	VHT80, M0 to M9 3ss	3	2	-5.5	-5.2	-4.5		-0.3	30.0	30.3
	VHT80, M0 to M9 1ss	4	8	-5.8	-6.3	-5.6	-5.5	0.2	28.0	27.8
	VHT80, M0 to M9 2ss	4	5	-5.8	-6.3	-5.6	-5.5	0.2	30.0	29.8
	VHT80, M0 to M9 3ss	4	3	-5.8	-6.3	-5.6	-5.5	0.2	30.0	29.8
	VHT80 Beam Forming, M0 to M9 1ss	2	5	-5.8	-6.3			-3.0	30.0	33.0
	VHT80 Beam Forming, M0 to M9 2ss	2	2	-5.5	-5.2			-2.3	30.0	32.3
	VHT80 Beam Forming, M0 to M9 1ss	3	7	-9.0	-9.5	-9.0		-4.4	29.0	33.4
	VHT80 Beam Forming, M0 to M9 2ss	3	4	-5.8	-6.3	-5.6		-1.1	30.0	31.1
	VHT80 Beam Forming, M0 to M9 3ss	3	2	-5.5	-5.2	-4.5		-0.3	30.0	30.3
	VHT80 Beam Forming, M0 to M9 1ss	4	8	-8.5	-11.8	-12.1	-10.5	-4.5	28.0	32.5
	VHT80 Beam Forming, M0 to M9 2ss	4	5	-8.0	-8.6	-7.7	-7.3	-1.9	30.0	31.9
	VHT80 Beam Forming, M0 to M9 3ss	4	3	-5.8	-6.3	-5.6	-5.5	0.2	30.0	29.8

	VHT80 STBC, M0 to M9 1ss	2	2	-5.5	-5.2			-2.3	30.0	32.3
	VHT80 STBC, M0 to M9 1ss	3	2	-5.5	-5.2	-4.5		-0.3	30.0	30.3
	VHT80 STBC, M0 to M9 1ss	4	2	-5.8	-6.3	-5.6	-5.5	0.2	30.0	29.8
5785	Non HT20, 6 to 54 Mbps	1	2	2.9				2.9	30.0	27.1
	Non HT20, 6 to 54 Mbps	2	5	2.9	2.5			5.7	30.0	24.3
	Non HT20, 6 to 54 Mbps	3	7	2.9	2.5	3.6		7.8	29.0	21.2
	Non HT20, 6 to 54 Mbps	4	8	2.9	2.5	3.6	3.0	9.0	28.0	19.0
	Non HT20 Beam Forming, 6 to 54 Mbps	2	5	2.9	2.5			5.7	30.0	24.3
	Non HT20 Beam Forming, 6 to 54 Mbps	3	7	2.9	2.5	3.6		7.8	29.0	21.2
	Non HT20 Beam Forming, 6 to 54 Mbps	4	8	2.9	2.5	3.6	3.0	9.0	28.0	19.0
	HT/VHT20, M0 to M7	1	2	3.0				3.0	30.0	27.0
	HT/VHT20, M0 to M7	2	5	3.0	2.5			5.8	30.0	24.2
	HT/VHT20, M8 to M15	2	2	3.0	2.5			5.8	30.0	24.2
	HT/VHT20, M0 to M7	3	7	3.0	2.5	3.5		7.8	29.0	21.2
	HT/VHT20, M8 to M15	3	4	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20, M16 to M23	3	2	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20, M0 to M7	4	8	3.0	2.5	3.5	3.1	9.1	28.0	18.9
	HT/VHT20, M8 to M15	4	5	3.0	2.5	3.5	3.1	9.1	30.0	20.9
	HT/VHT20, M16 to M23	4	3	3.0	2.5	3.5	3.1	9.1	30.0	20.9
	HT/VHT20 Beam Forming, M0 to M7	2	5	3.0	2.5			5.8	30.0	24.2
	HT/VHT20 Beam Forming, M8 to M15	2	2	3.0	2.5			5.8	30.0	24.2
	HT/VHT20 Beam Forming, M0 to M7	3	7	3.0	2.5	3.5		7.8	29.0	21.2
	HT/VHT20 Beam Forming, M8 to M15	3	4	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20 Beam Forming, M16 to M23	3	2	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20 Beam Forming, M0 to M7	4	8	3.0	2.5	3.5	3.1	9.1	28.0	18.9
	HT/VHT20 Beam Forming, M8 to M15	4	5	3.0	2.5	3.5	3.1	9.1	30.0	20.9
	HT/VHT20 Beam Forming, M16 to M23	4	3	3.0	2.5	3.5	3.1	9.1	30.0	20.9
	HT/VHT20 STBC, M0 to M7	2	2	3.0	2.5			5.8	30.0	24.2
	HT/VHT20 STBC, M0 to M7	3	4	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20 STBC, M0 to M7	4	5	3.0	2.5	3.5	3.1	9.1	30.0	20.9
5795	Non HT40, 6 to 54 Mbps	1	2	1.8				1.8	30.0	28.2
	Non HT40, 6 to 54 Mbps	2	5	1.8	1.1			4.5	30.0	25.5
	Non HT40, 6 to 54 Mbps	3	7	1.8	1.1	2.2		6.5	29.0	22.5
	Non HT40, 6 to 54 Mbps	4	8	1.8	1.1	2.2	1.6	7.7	28.0	20.3
	HT/VHT40, M0 to M7	1	2	0.4				0.4	30.0	29.6
	HT/VHT40, M0 to M7	2	5	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40, M8 to M15	2	2	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40, M0 to M7	3	7	0.4	-0.5	0.6		5.0	29.0	24.0
	HT/VHT40, M8 to M15	3	4	0.4	-0.5	0.6		5.0	30.0	25.0

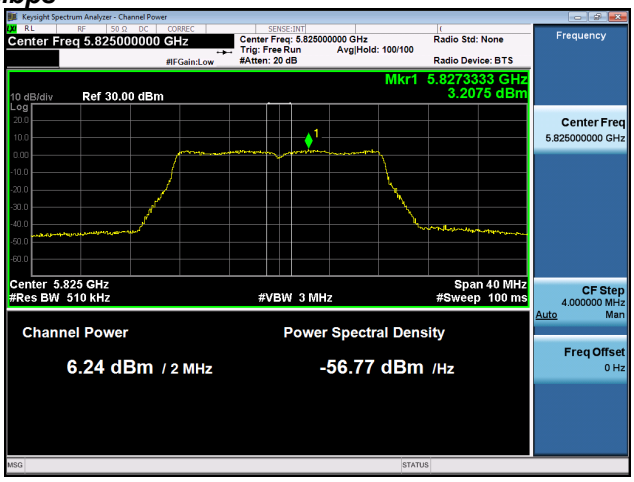
	HT/VHT40, M16 to M23	3	2	0.4	-0.5	0.6		5.0	30.0	25.0
	HT/VHT40, M0 to M7	4	8	0.4	-0.5	0.6	0.1	6.2	28.0	21.8
	HT/VHT40, M8 to M15	4	5	0.4	-0.5	0.6	0.1	6.2	30.0	23.8
	HT/VHT40, M16 to M23	4	3	0.4	-0.5	0.6	0.1	6.2	30.0	23.8
	HT/VHT40 Beam Forming, M0 to M7	2	5	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40 Beam Forming, M8 to M15	2	2	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40 Beam Forming, M0 to M7	3	7	0.4	-0.5	0.6		5.0	29.0	24.0
	HT/VHT40 Beam Forming, M8 to M15	3	4	0.4	-0.5	0.6		5.0	30.0	25.0
	HT/VHT40 Beam Forming, M16 to M23	3	2	0.4	-0.5	0.6		5.0	30.0	25.0
	HT/VHT40 Beam Forming, M0 to M7	4	8	0.4	-0.5	0.6	0.1	6.2	28.0	21.8
	HT/VHT40 Beam Forming, M8 to M15	4	5	0.4	-0.5	0.6	0.1	6.2	30.0	23.8
	HT/VHT40 Beam Forming, M16 to M23	4	3	0.4	-0.5	0.6	0.1	6.2	30.0	23.8
	HT/VHT40 STBC, M0 to M7	2	2	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40 STBC, M0 to M7	3	4	0.4	-0.5	0.6		5.0	30.0	25.0
	HT/VHT40 STBC, M0 to M7	4	5	0.4	-0.5	0.6	0.1	6.2	30.0	23.8
5825	Non HT20, 6 to 54 Mbps	1	2	2.5				2.5	30.0	27.5
	Non HT20, 6 to 54 Mbps	2	5	2.5	3.2			5.9	30.0	24.1
	Non HT20, 6 to 54 Mbps	3	7	2.5	3.2	3.6		7.9	29.0	21.1
	Non HT20, 6 to 54 Mbps	**4**	**8**	**2.5**	**3.2**	**3.6**	**3.3**	**9.2**	**28.0**	**18.8**
	Non HT20 Beam Forming, 6 to 54 Mbps	2	5	2.5	3.2			5.9	30.0	24.1
	Non HT20 Beam Forming, 6 to 54 Mbps	3	7	2.5	3.2	3.6		7.9	29.0	21.1
	Non HT20 Beam Forming, 6 to 54 Mbps	4	8	1.9	1.8	1.9	3.6	8.4	28.0	19.6
	HT/VHT20, M0 to M7	1	2	2.7				2.7	30.0	27.3
	HT/VHT20, M0 to M7	2	5	2.7	2.7			5.7	30.0	24.3
	HT/VHT20, M8 to M15	2	2	2.7	2.7			5.7	30.0	24.3
	HT/VHT20, M0 to M7	3	7	2.7	2.7	3.3		7.7	29.0	21.3
	HT/VHT20, M8 to M15	3	4	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20, M16 to M23	3	2	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20, M0 to M7	4	8	2.7	2.7	3.3	3.1	9.0	28.0	19.0
	HT/VHT20, M8 to M15	4	5	2.7	2.7	3.3	3.1	9.0	30.0	21.0
	HT/VHT20, M16 to M23	4	3	2.7	2.7	3.3	3.1	9.0	30.0	21.0
	HT/VHT20 Beam Forming, M0 to M7	2	5	2.7	2.7			5.7	30.0	24.3
	HT/VHT20 Beam Forming, M8 to M15	2	2	2.7	2.7			5.7	30.0	24.3
	HT/VHT20 Beam Forming, M0 to M7	3	7	2.7	2.7	3.3		7.7	29.0	21.3
	HT/VHT20 Beam Forming, M8 to M15	3	4	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20 Beam Forming, M16 to M23	3	2	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20 Beam Forming, M0 to M7	4	8	0.2	1.5	2.2	2.0	7.6	28.0	20.4
	HT/VHT20 Beam Forming, M8 to M15	4	5	2.7	2.7	3.3	3.1	9.0	30.0	21.0
	HT/VHT20 Beam Forming, M16 to M23	4	3	2.7	2.7	3.3	3.1	9.0	30.0	21.0
	HT/VHT20 STBC, M0 to M7	2	2	2.7	2.7			5.7	30.0	24.3

	HT/VHT20 STBC, M0 to M7	3	4	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20 STBC, M0 to M7	4	5	2.7	2.7	3.3	3.1	9.0	30.0	21.0

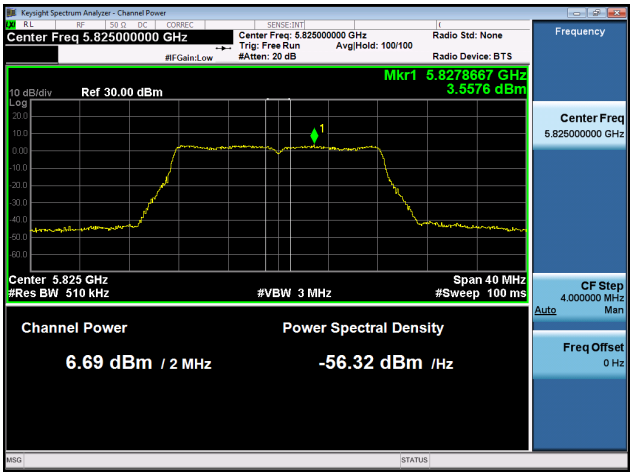
Power Spectral Density, 5825 MHz, Non HT20, 6 to 54 Mbps



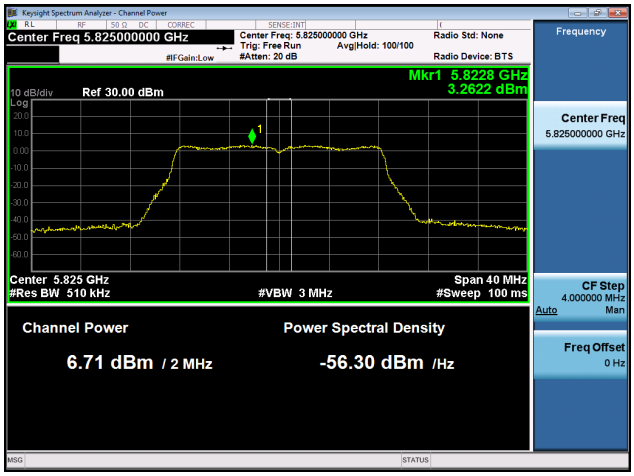
Antenna A



Antenna B



Antenna C



Antenna D

Antenna Gain : 3 dBi

Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/500kHz)	Tx 2 PSD (dBm/500kHz)	Tx 3 PSD (dBm/500kHz)	Tx 4 PSD (dBm/500kHz)	Total PSD (dBm/500MHz)	Limit (dBm/500MHz)	Margin (dB)
5745	Non HT20, 6 to 54 Mbps	1	3	3.8				3.8	30.0	26.2
	Non HT20, 6 to 54 Mbps	2	6	3.0	2.2			5.6	30.0	24.4
	Non HT20, 6 to 54 Mbps	3	8	1.7	0.6	0.1		5.6	28.0	22.4
	Non HT20, 6 to 54 Mbps	4	9	0.6	-0.2	-0.8	0.8	6.2	27.0	20.8
	Non HT20 Beam Forming, 6 to 54 Mbps	2	6	0.6	-0.2			3.2	30.0	26.8
	Non HT20 Beam Forming, 6 to 54 Mbps	3	8	-2.6	-5.2	-6.3		0.4	28.0	27.6
	Non HT20 Beam Forming, 6 to 54 Mbps	4	9	-2.6	-5.2	-6.3	-4.3	1.6	27.0	25.4
	HT/VHT20, M0 to M7	1	3	4.0				4.0	30.0	26.0
	HT/VHT20, M0 to M7	2	6	4.0	2.9			6.5	30.0	23.5
	HT/VHT20, M8 to M15	2	3	4.0	2.9			6.5	30.0	23.5
	HT/VHT20, M0 to M7	3	8	0.6	-0.3	-1.2		4.5	28.0	23.5
	HT/VHT20, M8 to M15	3	5	0.6	-0.3	-1.2		4.5	30.0	25.5
	HT/VHT20, M16 to M23	3	3	0.6	-0.3	-1.2		4.5	30.0	25.5
	HT/VHT20, M0 to M7	4	9	0.6	-0.3	-1.2	0.8	6.1	27.0	20.9
	HT/VHT20, M8 to M15	4	6	0.6	-0.3	-1.2	0.8	6.1	30.0	23.9
	HT/VHT20, M16 to M23	4	4	0.6	-0.3	-1.2	0.8	6.1	30.0	23.9
	HT/VHT20 Beam Forming, M0 to M7	2	6	2.8	1.8			5.3	30.0	24.7
	HT/VHT20 Beam Forming, M8 to M15	2	3	4.0	2.9			6.5	30.0	23.5
	HT/VHT20 Beam Forming, M0 to M7	3	8	-0.4	-3.3	-4.4		2.4	28.0	25.6
	HT/VHT20 Beam Forming, M8 to M15	3	5	0.6	-0.3	-1.2		4.5	30.0	25.5
	HT/VHT20 Beam Forming, M16 to M23	3	3	0.6	-0.3	-1.2		4.5	30.0	25.5
	HT/VHT20 Beam Forming, M0 to M7	4	9	-2.8	-5.2	-6.3	-4.3	1.6	27.0	25.4
	HT/VHT20 Beam Forming, M8 to M15	4	6	-0.4	-3.3	-4.4	-2.6	3.6	30.0	26.4
	HT/VHT20 Beam Forming, M16 to M23	4	4	0.6	-0.3	-1.2	0.8	6.1	30.0	23.9
	HT/VHT20 STBC, M0 to M7	2	3	4.0	2.9			6.5	30.0	23.5
	HT/VHT20 STBC, M0 to M7	3	5	0.6	-0.3	-1.2		4.5	30.0	25.5
	HT/VHT20 STBC, M0 to M7	4	6	0.6	-0.3	-1.2	0.8	6.1	30.0	23.9
5755	Non HT40, 6 to 54 Mbps	1	3	-2.4				-2.4	30.0	32.4
	Non HT40, 6 to 54 Mbps	2	6	-2.4	-3.2			0.2	30.0	29.8
	Non HT40, 6 to 54 Mbps	3	8	-5.4	-7.7	-8.0		-2.1	28.0	30.1
	Non HT40, 6 to 54 Mbps	4	9	-5.4	-7.7	-8.0	-6.5	-0.8	27.0	27.8
	HT/VHT40, M0 to M7	1	3	1.6				1.6	30.0	28.4

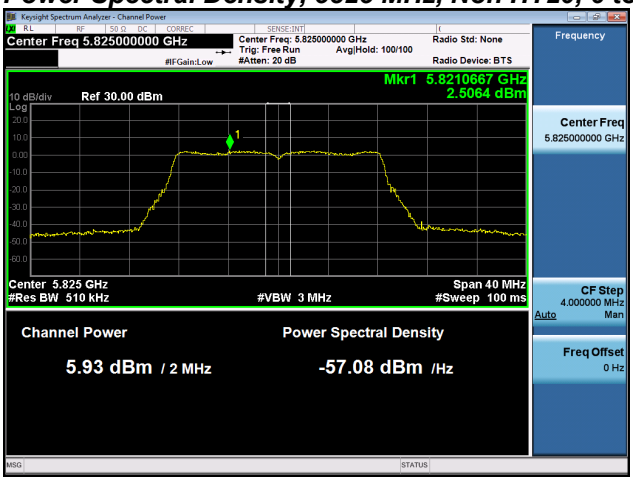
	HT/VHT40, M0 to M7	2	6	0.3	-1.5			2.5	30.0	27.5
	HT/VHT40, M8 to M15	2	3	0.3	-1.5			2.5	30.0	27.5
	HT/VHT40, M0 to M7	3	8	-1.5	-2.6	-2.5		2.6	28.0	25.4
	HT/VHT40, M8 to M15	3	5	-1.5	-2.6	-2.5		2.6	30.0	27.4
	HT/VHT40, M16 to M23	3	3	-1.5	-2.6	-2.5		2.6	30.0	27.4
	HT/VHT40, M0 to M7	4	9	-3.8	-6.8	-6.8	-5.5	0.5	27.0	26.5
	HT/VHT40, M8 to M15	4	6	-3.8	-6.8	-6.8	-5.5	0.5	30.0	29.5
	HT/VHT40, M16 to M23	4	4	-3.8	-6.8	-6.8	-5.5	0.5	30.0	29.5
	HT/VHT40 Beam Forming, M0 to M7	2	6	-1.5	-2.6			1.0	30.0	29.0
	HT/VHT40 Beam Forming, M8 to M15	2	3	0.3	-1.5			2.5	30.0	27.5
	HT/VHT40 Beam Forming, M0 to M7	3	8	-6.8	-9.7	-9.8		-3.8	28.0	31.8
	HT/VHT40 Beam Forming, M8 to M15	3	5	-3.9	-5.2	-5.7		-0.1	30.0	30.1
	HT/VHT40 Beam Forming, M16 to M23	3	3	-1.5	-2.6	-2.5		2.6	30.0	27.4
	HT/VHT40 Beam Forming, M0 to M7	4	9	-6.8	-9.7	-9.8	-8.0	-2.4	27.0	29.4
	HT/VHT40 Beam Forming, M8 to M15	4	6	-5.9	-8.8	-8.9	-7.1	-1.5	30.0	31.5
	HT/VHT40 Beam Forming, M16 to M23	4	4	-3.8	-6.8	-6.8	-5.5	0.5	30.0	29.5
	HT/VHT40 STBC, M0 to M7	2	3	0.3	-1.5			2.5	30.0	27.5
	HT/VHT40 STBC, M0 to M7	3	5	-1.5	-2.6	-2.5		2.6	30.0	27.4
	HT/VHT40 STBC, M0 to M7	4	6	-3.8	-6.8	-6.8	-5.5	0.5	30.0	29.5
5775	Non HT80, 6 to 54 Mbps	1	3	-5.5				-5.5	30.0	35.5
	Non HT80, 6 to 54 Mbps	2	6	-6.9	-7.0			-3.9	30.0	33.9
	Non HT80, 6 to 54 Mbps	3	8	-8.1	-9.1	-7.7		-3.5	28.0	31.5
	Non HT80, 6 to 54 Mbps	4	9	-8.1	-9.1	-7.7	-7.5	-2.0	27.0	29.0
	VHT80, M0 to M9 1ss	1	3	-5.5				-5.5	30.0	35.5
	VHT80, M0 to M9 1ss	2	6	-5.5	-5.2			-2.3	30.0	32.3
	VHT80, M0 to M9 2ss	2	3	-5.5	-5.2			-2.3	30.0	32.3
	VHT80, M0 to M9 1ss	3	8	-5.8	-6.3	-5.6		-1.1	28.0	29.1
	VHT80, M0 to M9 2ss	3	5	-5.8	-6.3	-5.6		-1.1	30.0	31.1
	VHT80, M0 to M9 3ss	3	3	-5.8	-6.3	-5.6		-1.1	30.0	31.1
	VHT80, M0 to M9 1ss	4	9	-5.8	-6.3	-5.6	-5.5	0.2	27.0	26.8
	VHT80, M0 to M9 2ss	4	6	-5.8	-6.3	-5.6	-5.5	0.2	30.0	29.8
	VHT80, M0 to M9 3ss	4	4	-5.8	-6.3	-5.6	-5.5	0.2	30.0	29.8
	VHT80 Beam Forming, M0 to M9 1ss	2	6	-5.8	-6.3			-3.0	30.0	33.0
	VHT80 Beam Forming, M0 to M9 2ss	2	3	-5.5	-5.2			-2.3	30.0	32.3
	VHT80 Beam Forming, M0 to M9 1ss	3	8	-8.5	-11.8	-12.1		-5.7	28.0	33.7
	VHT80 Beam Forming, M0 to M9 2ss	3	5	-5.8	-6.3	-5.6		-1.1	30.0	31.1
	VHT80 Beam Forming, M0 to M9 3ss	3	3	-5.8	-6.3	-5.6		-1.1	30.0	31.1
	VHT80 Beam Forming, M0 to M9 1ss	4	9	-8.5	-11.8	-12.1	-10.5	-4.5	27.0	31.5
	VHT80 Beam Forming, M0 to M9 2ss	4	6	-9.0	-9.5	-9.0	-8.5	-3.0	30.0	33.0
	VHT80 Beam Forming, M0 to M9 3ss	4	4	-6.9	-7.5	-6.7	-6.8	-0.9	30.0	30.9

	VHT80 STBC, M0 to M9 1ss	2	3	-5.5	-5.2			-2.3	30.0	32.3
	VHT80 STBC, M0 to M9 1ss	3	3	-5.8	-6.3	-5.6		-1.1	30.0	31.1
	VHT80 STBC, M0 to M9 1ss	4	3	-5.8	-6.3	-5.6	-5.5	0.2	30.0	29.8
5785	Non HT20, 6 to 54 Mbps	1	3	2.9				2.9	30.0	27.1
	Non HT20, 6 to 54 Mbps	2	6	2.9	2.5			5.7	30.0	24.3
	Non HT20, 6 to 54 Mbps	3	8	2.9	2.5	3.6		7.8	28.0	20.2
	Non HT20, 6 to 54 Mbps	4	9	2.9	2.5	3.6	3.0	9.0	27.0	18.0
	Non HT20 Beam Forming, 6 to 54 Mbps	2	6	2.9	2.5			5.7	30.0	24.3
	Non HT20 Beam Forming, 6 to 54 Mbps	3	8	2.9	2.5	3.6		7.8	28.0	20.2
	Non HT20 Beam Forming, 6 to 54 Mbps	4	9	2.9	2.5	3.6	3.0	9.0	27.0	18.0
	HT/VHT20, M0 to M7	1	3	3.0				3.0	30.0	27.0
	HT/VHT20, M0 to M7	2	6	3.0	2.5			5.8	30.0	24.2
	HT/VHT20, M8 to M15	2	3	3.0	2.5			5.8	30.0	24.2
	HT/VHT20, M0 to M7	3	8	3.0	2.5	3.5		7.8	28.0	20.2
	HT/VHT20, M8 to M15	3	5	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20, M16 to M23	3	3	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20, M0 to M7	4	9	3.0	2.5	3.5	3.1	9.1	27.0	17.9
	HT/VHT20, M8 to M15	4	6	3.0	2.5	3.5	3.1	9.1	30.0	20.9
	HT/VHT20, M16 to M23	4	4	3.0	2.5	3.5	3.1	9.1	30.0	20.9
	HT/VHT20 Beam Forming, M0 to M7	2	6	3.0	2.5			5.8	30.0	24.2
	HT/VHT20 Beam Forming, M8 to M15	2	3	3.0	2.5			5.8	30.0	24.2
	HT/VHT20 Beam Forming, M0 to M7	3	8	3.0	2.5	3.5		7.8	28.0	20.2
	HT/VHT20 Beam Forming, M8 to M15	3	5	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20 Beam Forming, M16 to M23	3	3	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20 Beam Forming, M0 to M7	4	9	3.0	2.5	3.5	3.1	9.1	27.0	17.9
	HT/VHT20 Beam Forming, M8 to M15	4	6	3.0	2.5	3.5	3.1	9.1	30.0	20.9
	HT/VHT20 Beam Forming, M16 to M23	4	4	3.0	2.5	3.5	3.1	9.1	30.0	20.9
	HT/VHT20 STBC, M0 to M7	2	3	3.0	2.5			5.8	30.0	24.2
	HT/VHT20 STBC, M0 to M7	3	5	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20 STBC, M0 to M7	4	6	3.0	2.5	3.5	3.1	9.1	30.0	20.9
5795	Non HT40, 6 to 54 Mbps	1	3	1.8				1.8	30.0	28.2
	Non HT40, 6 to 54 Mbps	2	6	1.8	1.1			4.5	30.0	25.5
	Non HT40, 6 to 54 Mbps	3	8	1.8	1.1	2.2		6.5	28.0	21.5
	Non HT40, 6 to 54 Mbps	4	9	1.8	1.1	2.2	1.6	7.7	27.0	19.3
	HT/VHT40, M0 to M7	1	3	0.4				0.4	30.0	29.6
	HT/VHT40, M0 to M7	2	6	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40, M8 to M15	2	3	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40, M0 to M7	3	8	0.4	-0.5	0.6		5.0	28.0	23.0
	HT/VHT40, M8 to M15	3	5	0.4	-0.5	0.6		5.0	30.0	25.0

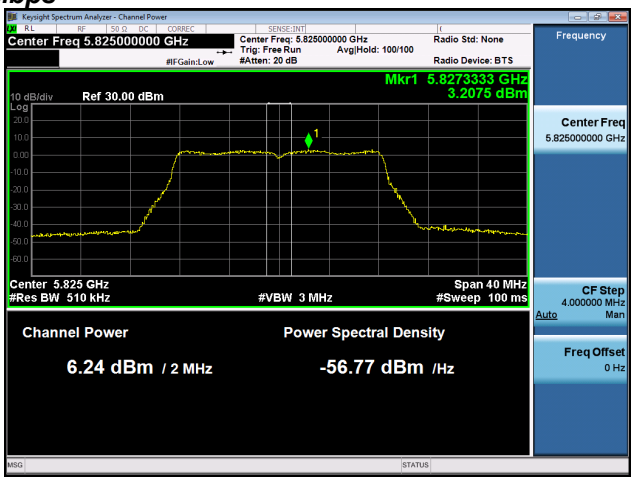
	HT/VHT40, M16 to M23	3	3	0.4	-0.5	0.6		5.0	30.0	25.0
	HT/VHT40, M0 to M7	4	9	0.4	-0.5	0.6	0.1	6.2	27.0	20.8
	HT/VHT40, M8 to M15	4	6	0.4	-0.5	0.6	0.1	6.2	30.0	23.8
	HT/VHT40, M16 to M23	4	4	0.4	-0.5	0.6	0.1	6.2	30.0	23.8
	HT/VHT40 Beam Forming, M0 to M7	2	6	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40 Beam Forming, M8 to M15	2	3	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40 Beam Forming, M0 to M7	3	8	0.4	-0.5	0.6		5.0	28.0	23.0
	HT/VHT40 Beam Forming, M8 to M15	3	5	0.4	-0.5	0.6		5.0	30.0	25.0
	HT/VHT40 Beam Forming, M16 to M23	3	3	0.4	-0.5	0.6		5.0	30.0	25.0
	HT/VHT40 Beam Forming, M0 to M7	4	9	0.4	-0.5	0.6	0.1	6.2	27.0	20.8
	HT/VHT40 Beam Forming, M8 to M15	4	6	0.4	-0.5	0.6	0.1	6.2	30.0	23.8
	HT/VHT40 Beam Forming, M16 to M23	4	4	0.4	-0.5	0.6	0.1	6.2	30.0	23.8
	HT/VHT40 STBC, M0 to M7	2	3	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40 STBC, M0 to M7	3	5	0.4	-0.5	0.6		5.0	30.0	25.0
	HT/VHT40 STBC, M0 to M7	4	6	0.4	-0.5	0.6	0.1	6.2	30.0	23.8
5825	Non HT20, 6 to 54 Mbps	1	3	2.5				2.5	30.0	27.5
	Non HT20, 6 to 54 Mbps	2	6	2.5	3.2			5.9	30.0	24.1
	Non HT20, 6 to 54 Mbps	3	8	2.5	3.2	3.6		7.9	28.0	20.1
	Non HT20, 6 to 54 Mbps	**4**	**9**	**2.5**	**3.2**	**3.6**	**3.3**	**9.2**	**27.0**	**17.8**
	Non HT20 Beam Forming, 6 to 54 Mbps	2	6	2.5	3.2			5.9	30.0	24.1
	Non HT20 Beam Forming, 6 to 54 Mbps	3	8	2.5	3.2	3.6		7.9	28.0	20.1
	Non HT20 Beam Forming, 6 to 54 Mbps	4	9	0.6	0.5	1.1	1.1	6.9	27.0	20.1
	HT/VHT20, M0 to M7	1	3	2.7				2.7	30.0	27.3
	HT/VHT20, M0 to M7	2	6	2.7	2.7			5.7	30.0	24.3
	HT/VHT20, M8 to M15	2	3	2.7	2.7			5.7	30.0	24.3
	HT/VHT20, M0 to M7	3	8	2.7	2.7	3.3		7.7	28.0	20.3
	HT/VHT20, M8 to M15	3	5	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20, M16 to M23	3	3	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20, M0 to M7	4	9	2.7	2.7	3.3	3.1	9.0	27.0	18.0
	HT/VHT20, M8 to M15	4	6	2.7	2.7	3.3	3.1	9.0	30.0	21.0
	HT/VHT20, M16 to M23	4	4	2.7	2.7	3.3	3.1	9.0	30.0	21.0
	HT/VHT20 Beam Forming, M0 to M7	2	6	2.7	2.7			5.7	30.0	24.3
	HT/VHT20 Beam Forming, M8 to M15	2	3	2.7	2.7			5.7	30.0	24.3
	HT/VHT20 Beam Forming, M0 to M7	3	8	2.7	2.7	3.3		7.7	28.0	20.3
	HT/VHT20 Beam Forming, M8 to M15	3	5	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20 Beam Forming, M16 to M23	3	3	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20 Beam Forming, M0 to M7	4	9	0.2	1.5	2.2	2.0	7.6	27.0	19.4
	HT/VHT20 Beam Forming, M8 to M15	4	6	2.7	2.7	3.3	3.1	9.0	30.0	21.0
	HT/VHT20 Beam Forming, M16 to M23	4	4	2.7	2.7	3.3	3.1	9.0	30.0	21.0
	HT/VHT20 STBC, M0 to M7	2	3	2.7	2.7			5.7	30.0	24.3

	HT/VHT20 STBC, M0 to M7	3	5	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20 STBC, M0 to M7	4	6	2.7	2.7	3.3	3.1	9.0	30.0	21.0

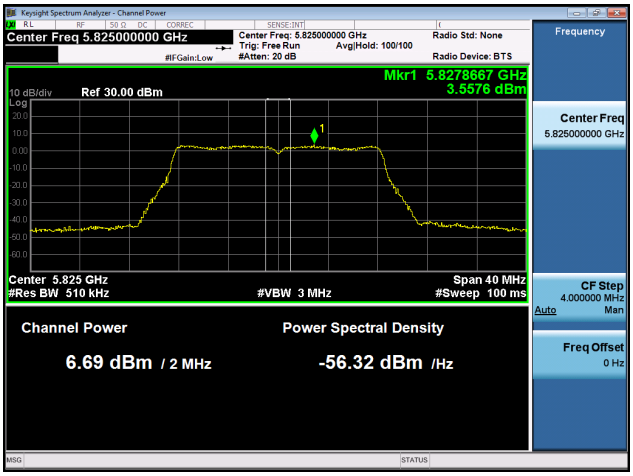
Power Spectral Density, 5825 MHz, Non HT20, 6 to 54 Mbps



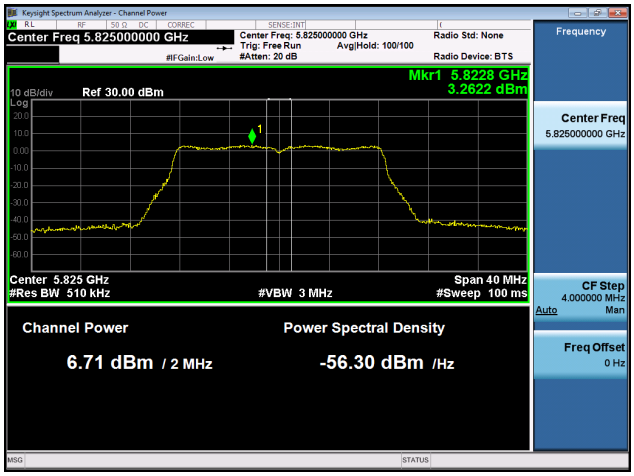
Antenna A



Antenna B



Antenna C



Antenna D

Antenna Gain : 4 dBi

Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/500kHz)	Tx 2 PSD (dBm/500kHz)	Tx 3 PSD (dBm/500kHz)	Tx 4 PSD (dBm/500kHz)	Total PSD (dBm/500MHz)	Limit (dBm/500MHz)	Margin (dB)
5745	Non HT20, 6 to 54 Mbps	1	4	3.8				3.8	30.0	26.2
	Non HT20, 6 to 54 Mbps	2	7	2.0	1.7			4.9	29.0	24.1
	Non HT20, 6 to 54 Mbps	3	9	0.6	-0.2	-0.8		4.7	27.0	22.3
	Non HT20, 6 to 54 Mbps	4	10	-0.4	-1.5	-2.0	-0.3	5.0	26.0	21.0
	Non HT20 Beam Forming, 6 to 54 Mbps	2	7	0.6	-0.2			3.2	29.0	25.8
	Non HT20 Beam Forming, 6 to 54 Mbps	3	9	-2.6	-5.2	-6.3		0.4	27.0	26.6
	Non HT20 Beam Forming, 6 to 54 Mbps	4	10	-3.7	-6.4	-7.5	-5.1	0.6	26.0	25.4
	HT/VHT20, M0 to M7	1	4	4.0				4.0	30.0	26.0
	HT/VHT20, M0 to M7	2	7	2.8	1.8			5.3	29.0	23.7
	HT/VHT20, M8 to M15	2	4	2.8	1.8			5.3	30.0	24.7
	HT/VHT20, M0 to M7	3	9	0.6	-0.3	-1.2		4.5	27.0	22.5
	HT/VHT20, M8 to M15	3	6	0.6	-0.3	-1.2		4.5	30.0	25.5
	HT/VHT20, M16 to M23	3	4	0.6	-0.3	-1.2		4.5	30.0	25.5
	HT/VHT20, M0 to M7	4	10	0.6	-0.3	-1.2	0.8	6.1	26.0	19.9
	HT/VHT20, M8 to M15	4	7	0.6	-0.3	-1.2	0.8	6.1	29.0	22.9
	HT/VHT20, M16 to M23	4	5	0.6	-0.3	-1.2	0.8	6.1	30.0	23.9
	HT/VHT20 Beam Forming, M0 to M7	2	7	0.6	-0.3			3.2	29.0	25.8
	HT/VHT20 Beam Forming, M8 to M15	2	4	2.8	1.8			5.3	30.0	24.7
	HT/VHT20 Beam Forming, M0 to M7	3	9	-1.9	-4.3	-5.2		1.2	27.0	25.8
	HT/VHT20 Beam Forming, M8 to M15	3	6	0.6	-0.3	-1.2		4.5	30.0	25.5
	HT/VHT20 Beam Forming, M16 to M23	3	4	0.6	-0.3	-1.2		4.5	30.0	25.5
	HT/VHT20 Beam Forming, M0 to M7	4	10	-2.8	-5.2	-6.3	-4.3	1.6	26.0	24.4
	HT/VHT20 Beam Forming, M8 to M15	4	7	-0.4	-3.3	-4.4	-2.6	3.6	29.0	25.4
	HT/VHT20 Beam Forming, M16 to M23	4	5	-1.5	-2.5	-2.7	-1.5	4.0	30.0	26.0
	HT/VHT20 STBC, M0 to M7	2	4	2.8	1.8			5.3	30.0	24.7
	HT/VHT20 STBC, M0 to M7	3	6	0.6	-0.3	-1.2		4.5	30.0	25.5
	HT/VHT20 STBC, M0 to M7	4	7	0.6	-0.3	-1.2	0.8	6.1	29.0	22.9
5755	Non HT40, 6 to 54 Mbps	1	4	-3.5				-3.5	30.0	33.5
	Non HT40, 6 to 54 Mbps	2	7	-3.0	-5.1			-0.9	29.0	29.9
	Non HT40, 6 to 54 Mbps	3	9	-7.4	-10.1	-10.2		-4.3	27.0	31.3
	Non HT40, 6 to 54 Mbps	4	10	-8.1	-10.6	-11.4	-9.4	-3.7	26.0	29.7
	HT/VHT40, M0 to M7	1	4	0.3				0.3	30.0	29.7

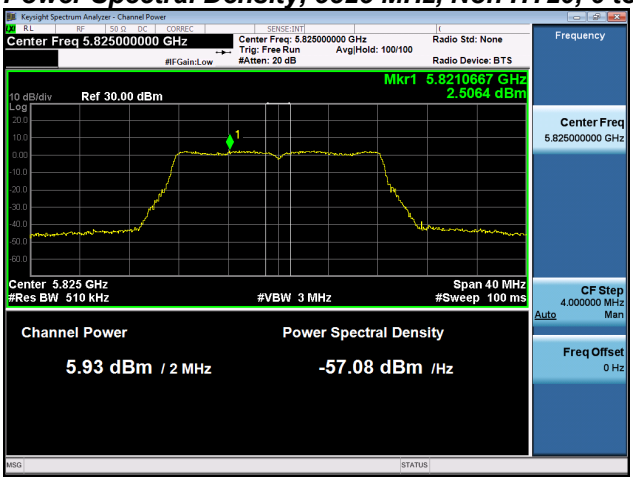
	HT/VHT40, M0 to M7	2	7	0.3	-1.5			2.5	29.0	26.5
	HT/VHT40, M8 to M15	2	4	0.3	-1.5			2.5	30.0	27.5
	HT/VHT40, M0 to M7	3	9	-1.5	-2.6	-2.5		2.6	27.0	24.4
	HT/VHT40, M8 to M15	3	6	-1.5	-2.6	-2.5		2.6	30.0	27.4
	HT/VHT40, M16 to M23	3	4	-1.5	-2.6	-2.5		2.6	30.0	27.4
	HT/VHT40, M0 to M7	4	10	-3.8	-6.8	-6.8	-5.5	0.5	26.0	25.5
	HT/VHT40, M8 to M15	4	7	-3.8	-6.8	-6.8	-5.5	0.5	29.0	28.5
	HT/VHT40, M16 to M23	4	5	-3.8	-6.8	-6.8	-5.5	0.5	30.0	29.5
	HT/VHT40 Beam Forming, M0 to M7	2	7	-3.9	-5.2			-1.5	29.0	30.5
	HT/VHT40 Beam Forming, M8 to M15	2	4	0.3	-1.5			2.5	30.0	27.5
	HT/VHT40 Beam Forming, M0 to M7	3	9	-6.8	-9.7	-9.8		-3.8	27.0	30.8
	HT/VHT40 Beam Forming, M8 to M15	3	6	-5.9	-8.8	-8.9		-2.9	30.0	32.9
	HT/VHT40 Beam Forming, M16 to M23	3	4	-1.5	-2.6	-2.5		2.6	30.0	27.4
	HT/VHT40 Beam Forming, M0 to M7	4	10	-8.5	-11.5	-11.8	-9.9	-4.2	26.0	30.2
	HT/VHT40 Beam Forming, M8 to M15	4	7	-5.9	-8.8	-8.9	-7.1	-1.5	29.0	30.5
	HT/VHT40 Beam Forming, M16 to M23	4	5	-3.8	-6.8	-6.8	-5.5	0.5	30.0	29.5
	HT/VHT40 STBC, M0 to M7	2	4	0.3	-1.5			2.5	30.0	27.5
	HT/VHT40 STBC, M0 to M7	3	6	-1.5	-2.6	-2.5		2.6	30.0	27.4
	HT/VHT40 STBC, M0 to M7	4	7	-3.8	-6.8	-6.8	-5.5	0.5	29.0	28.5
5775	Non HT80, 6 to 54 Mbps	1	4	-5.5				-5.5	30.0	35.5
	Non HT80, 6 to 54 Mbps	2	7	-6.9	-7.0			-3.9	29.0	32.9
	Non HT80, 6 to 54 Mbps	3	9	-8.1	-9.1	-7.7		-3.5	27.0	30.5
	Non HT80, 6 to 54 Mbps	4	10	-9.1	-9.5	-9.1	-9.0	-3.2	26.0	29.2
	VHT80, M0 to M9 1ss	1	4	-5.5				-5.5	30.0	35.5
	VHT80, M0 to M9 1ss	2	7	-5.5	-5.2			-2.3	29.0	31.3
	VHT80, M0 to M9 2ss	2	4	-5.5	-5.2			-2.3	30.0	32.3
	VHT80, M0 to M9 1ss	3	9	-5.8	-6.3	-5.6		-1.1	27.0	28.1
	VHT80, M0 to M9 2ss	3	6	-5.8	-6.3	-5.6		-1.1	30.0	31.1
	VHT80, M0 to M9 3ss	3	4	-5.8	-6.3	-5.6		-1.1	30.0	31.1
	VHT80, M0 to M9 1ss	4	10	-6.9	-7.5	-6.7	-6.8	-0.9	26.0	26.9
	VHT80, M0 to M9 2ss	4	7	-6.9	-7.5	-6.7	-6.8	-0.9	29.0	29.9
	VHT80, M0 to M9 3ss	4	5	-6.9	-7.5	-6.7	-6.8	-0.9	30.0	30.9
	VHT80 Beam Forming, M0 to M9 1ss	2	7	-5.8	-6.3			-3.0	29.0	32.0
	VHT80 Beam Forming, M0 to M9 2ss	2	4	-5.5	-5.2			-2.3	30.0	32.3
	VHT80 Beam Forming, M0 to M9 1ss	3	9	-8.5	-11.8	-12.1		-5.7	27.0	32.7
	VHT80 Beam Forming, M0 to M9 2ss	3	6	-6.9	-7.5	-6.7		-2.2	30.0	32.2
	VHT80 Beam Forming, M0 to M9 3ss	3	4	-5.8	-6.3	-5.6		-1.1	30.0	31.1
	VHT80 Beam Forming, M0 to M9 1ss	4	10	-11.3	-13.6	-14.2	-12.9	-6.8	26.0	32.8
	VHT80 Beam Forming, M0 to M9 2ss	4	7	-8.5	-11.8	-12.1	-10.5	-4.5	29.0	33.5
	VHT80 Beam Forming, M0 to M9 3ss	4	5	-8.0	-8.6	-7.7	-7.3	-1.9	30.0	31.9

	VHT80 STBC, M0 to M9 1ss	2	4	-5.5	-5.2			-2.3	30.0	32.3
	VHT80 STBC, M0 to M9 1ss	3	4	-5.8	-6.3	-5.6		-1.1	30.0	31.1
	VHT80 STBC, M0 to M9 1ss	4	4	-6.9	-7.5	-6.7	-6.8	-0.9	30.0	30.9
5785	Non HT20, 6 to 54 Mbps	1	4	2.9				2.9	30.0	27.1
	Non HT20, 6 to 54 Mbps	2	7	2.9	2.5			5.7	29.0	23.3
	Non HT20, 6 to 54 Mbps	3	9	2.9	2.5	3.6		7.8	27.0	19.2
	Non HT20, 6 to 54 Mbps	4	10	2.9	2.5	3.6	3.0	9.0	26.0	17.0
	Non HT20 Beam Forming, 6 to 54 Mbps	2	7	2.9	2.5			5.7	29.0	23.3
	Non HT20 Beam Forming, 6 to 54 Mbps	3	9	2.9	2.5	3.6		7.8	27.0	19.2
	Non HT20 Beam Forming, 6 to 54 Mbps	4	10	2.9	2.5	3.6	3.0	9.0	26.0	17.0
	HT/VHT20, M0 to M7	1	4	3.0				3.0	30.0	27.0
	HT/VHT20, M0 to M7	2	7	3.0	2.5			5.8	29.0	23.2
	HT/VHT20, M8 to M15	2	4	3.0	2.5			5.8	30.0	24.2
	HT/VHT20, M0 to M7	3	9	3.0	2.5	3.5		7.8	27.0	19.2
	HT/VHT20, M8 to M15	3	6	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20, M16 to M23	3	4	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20, M0 to M7	4	10	3.0	2.5	3.5	3.1	9.1	26.0	16.9
	HT/VHT20, M8 to M15	4	7	3.0	2.5	3.5	3.1	9.1	29.0	19.9
	HT/VHT20, M16 to M23	4	5	3.0	2.5	3.5	3.1	9.1	30.0	20.9
	HT/VHT20 Beam Forming, M0 to M7	2	7	3.0	2.5			5.8	29.0	23.2
	HT/VHT20 Beam Forming, M8 to M15	2	4	3.0	2.5			5.8	30.0	24.2
	HT/VHT20 Beam Forming, M0 to M7	3	9	3.0	2.5	3.5		7.8	27.0	19.2
	HT/VHT20 Beam Forming, M8 to M15	3	6	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20 Beam Forming, M16 to M23	3	4	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20 Beam Forming, M0 to M7	4	10	3.0	2.5	3.5	3.1	9.1	26.0	16.9
	HT/VHT20 Beam Forming, M8 to M15	4	7	3.0	2.5	3.5	3.1	9.1	29.0	19.9
	HT/VHT20 Beam Forming, M16 to M23	4	5	3.0	2.5	3.5	3.1	9.1	30.0	20.9
	HT/VHT20 STBC, M0 to M7	2	4	3.0	2.5			5.8	30.0	24.2
	HT/VHT20 STBC, M0 to M7	3	6	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20 STBC, M0 to M7	4	7	3.0	2.5	3.5	3.1	9.1	29.0	19.9
5795	Non HT40, 6 to 54 Mbps	1	4	1.8				1.8	30.0	28.2
	Non HT40, 6 to 54 Mbps	2	7	1.8	1.1			4.5	29.0	24.5
	Non HT40, 6 to 54 Mbps	3	9	1.8	1.1	2.2		6.5	27.0	20.5
	Non HT40, 6 to 54 Mbps	4	10	1.8	1.1	2.2	1.6	7.7	26.0	18.3
	HT/VHT40, M0 to M7	1	4	0.4				0.4	30.0	29.6
	HT/VHT40, M0 to M7	2	7	0.4	-0.5			3.0	29.0	26.0
	HT/VHT40, M8 to M15	2	4	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40, M0 to M7	3	9	0.4	-0.5	0.6		5.0	27.0	22.0
	HT/VHT40, M8 to M15	3	6	0.4	-0.5	0.6		5.0	30.0	25.0

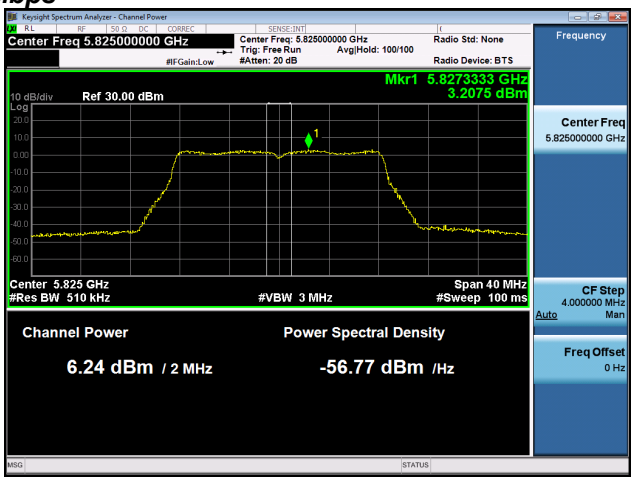
	HT/VHT40, M16 to M23	3	4	0.4	-0.5	0.6		5.0	30.0	25.0
	HT/VHT40, M0 to M7	4	10	0.4	-0.5	0.6	0.1	6.2	26.0	19.8
	HT/VHT40, M8 to M15	4	7	0.4	-0.5	0.6	0.1	6.2	29.0	22.8
	HT/VHT40, M16 to M23	4	5	0.4	-0.5	0.6	0.1	6.2	30.0	23.8
	HT/VHT40 Beam Forming, M0 to M7	2	7	0.4	-0.5			3.0	29.0	26.0
	HT/VHT40 Beam Forming, M8 to M15	2	4	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40 Beam Forming, M0 to M7	3	9	0.4	-0.5	0.6		5.0	27.0	22.0
	HT/VHT40 Beam Forming, M8 to M15	3	6	0.4	-0.5	0.6		5.0	30.0	25.0
	HT/VHT40 Beam Forming, M16 to M23	3	4	0.4	-0.5	0.6		5.0	30.0	25.0
	HT/VHT40 Beam Forming, M0 to M7	4	10	0.4	-0.5	0.6	0.1	6.2	26.0	19.8
	HT/VHT40 Beam Forming, M8 to M15	4	7	0.4	-0.5	0.6	0.1	6.2	29.0	22.8
	HT/VHT40 Beam Forming, M16 to M23	4	5	0.4	-0.5	0.6	0.1	6.2	30.0	23.8
	HT/VHT40 STBC, M0 to M7	2	4	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40 STBC, M0 to M7	3	6	0.4	-0.5	0.6		5.0	30.0	25.0
	HT/VHT40 STBC, M0 to M7	4	7	0.4	-0.5	0.6	0.1	6.2	29.0	22.8
5825	Non HT20, 6 to 54 Mbps	1	4	2.5				2.5	30.0	27.5
	Non HT20, 6 to 54 Mbps	2	7	2.5	3.2			5.9	29.0	23.1
	Non HT20, 6 to 54 Mbps	3	9	2.5	3.2	3.6		7.9	27.0	19.1
	Non HT20, 6 to 54 Mbps	**4**	**10**	**2.5**	**3.2**	**3.6**	**3.3**	**9.2**	**26.0**	**16.8**
	Non HT20 Beam Forming, 6 to 54 Mbps	2	7	2.5	3.2			5.9	29.0	23.1
	Non HT20 Beam Forming, 6 to 54 Mbps	3	9	2.5	3.2	3.6		7.9	27.0	19.1
	Non HT20 Beam Forming, 6 to 54 Mbps	4	10	-0.8	-0.4	0.0	-0.3	5.7	26.0	20.3
	HT/VHT20, M0 to M7	1	4	2.7				2.7	30.0	27.3
	HT/VHT20, M0 to M7	2	7	2.7	2.7			5.7	29.0	23.3
	HT/VHT20, M8 to M15	2	4	2.7	2.7			5.7	30.0	24.3
	HT/VHT20, M0 to M7	3	9	2.7	2.7	3.3		7.7	27.0	19.3
	HT/VHT20, M8 to M15	3	6	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20, M16 to M23	3	4	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20, M0 to M7	4	10	2.7	2.7	3.3	3.1	9.0	26.0	17.0
	HT/VHT20, M8 to M15	4	7	2.7	2.7	3.3	3.1	9.0	29.0	20.0
	HT/VHT20, M16 to M23	4	5	2.7	2.7	3.3	3.1	9.0	30.0	21.0
	HT/VHT20 Beam Forming, M0 to M7	2	7	2.7	2.7			5.7	29.0	23.3
	HT/VHT20 Beam Forming, M8 to M15	2	4	2.7	2.7			5.7	30.0	24.3
	HT/VHT20 Beam Forming, M0 to M7	3	9	2.7	2.7	3.3		7.7	27.0	19.3
	HT/VHT20 Beam Forming, M8 to M15	3	6	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20 Beam Forming, M16 to M23	3	4	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20 Beam Forming, M0 to M7	4	10	0.5	0.5	1.0	1.1	6.8	26.0	19.2
	HT/VHT20 Beam Forming, M8 to M15	4	7	2.7	2.7	3.3	3.1	9.0	29.0	20.0
	HT/VHT20 Beam Forming, M16 to M23	4	5	2.7	2.7	3.3	3.1	9.0	30.0	21.0
	HT/VHT20 STBC, M0 to M7	2	4	2.7	2.7			5.7	30.0	24.3

	HT/VHT20 STBC, M0 to M7	3	6	2.7	2.7	3.3		7.7	30.0	22.3
	HT/VHT20 STBC, M0 to M7	4	7	2.7	2.7	3.3	3.1	9.0	29.0	20.0

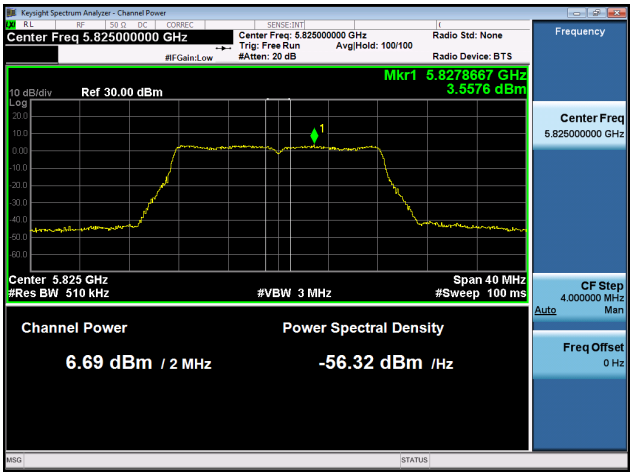
Power Spectral Density, 5825 MHz, Non HT20, 6 to 54 Mbps



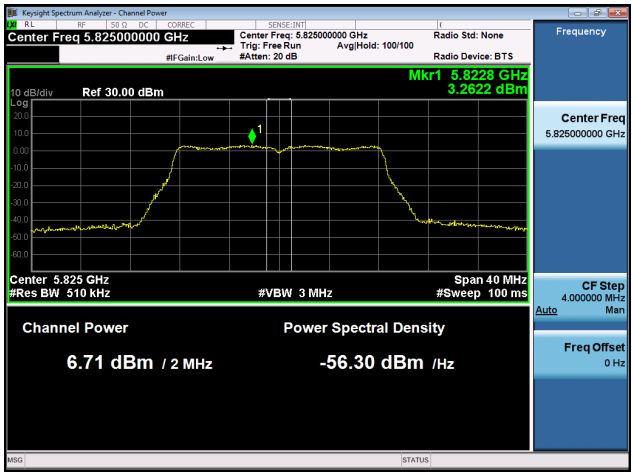
Antenna A



Antenna B



Antenna C



Antenna D

Antenna Gain : 5 dBi

Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 PSD (dBm/500kHz)	Tx 2 PSD (dBm/500kHz)	Tx 3 PSD (dBm/500kHz)	Tx 4 PSD (dBm/500kHz)	Total PSD (dBm/500MHz)	Limit (dBm/500MHz)	Margin (dB)
5745	Non HT20, 6 to 54 Mbps	1	5	3.8				3.8	30.0	26.2
	Non HT20, 6 to 54 Mbps	2	8	1.7	0.6			4.2	28.0	23.8
	Non HT20, 6 to 54 Mbps	3	10	0.6	-0.2	-0.8		4.7	26.0	21.3
	Non HT20, 6 to 54 Mbps	4	11	-0.4	-1.5	-2.0	-0.3	5.0	25.0	20.0
	Non HT20 Beam Forming, 6 to 54 Mbps	2	8	0.6	-0.2			3.2	28.0	24.8
	Non HT20 Beam Forming, 6 to 54 Mbps	3	10	-2.6	-5.2	-6.3		0.4	26.0	25.6
	Non HT20 Beam Forming, 6 to 54 Mbps	4	11	-3.7	-6.4	-7.5	-5.1	0.6	25.0	24.4
	HT/VHT20, M0 to M7	1	5	4.0				4.0	30.0	26.0
	HT/VHT20, M0 to M7	2	8	2.8	1.8			5.3	28.0	22.7
	HT/VHT20, M8 to M15	2	5	2.8	1.8			5.3	30.0	24.7
	HT/VHT20, M0 to M7	3	10	0.6	-0.3	-1.2		4.5	26.0	21.5
	HT/VHT20, M8 to M15	3	7	0.6	-0.3	-1.2		4.5	29.0	24.5
	HT/VHT20, M16 to M23	3	5	0.6	-0.3	-1.2		4.5	30.0	25.5
	HT/VHT20, M0 to M7	4	11	-1.5	-2.5	-2.7	-1.5	4.0	25.0	21.0
	HT/VHT20, M8 to M15	4	8	-1.5	-2.5	-2.7	-1.5	4.0	28.0	24.0
	HT/VHT20, M16 to M23	4	6	-1.5	-2.5	-2.7	-1.5	4.0	30.0	26.0
	HT/VHT20 Beam Forming, M0 to M7	2	8	0.6	-0.3			3.2	28.0	24.8
	HT/VHT20 Beam Forming, M8 to M15	2	5	2.8	1.8			5.3	30.0	24.7
	HT/VHT20 Beam Forming, M0 to M7	3	10	-2.8	-5.2	-6.3		0.3	26.0	25.7
	HT/VHT20 Beam Forming, M8 to M15	3	7	-1.5	-2.5	-2.7		2.6	29.0	26.4
	HT/VHT20 Beam Forming, M16 to M23	3	5	0.6	-0.3	-1.2		4.5	30.0	25.5
	HT/VHT20 Beam Forming, M0 to M7	4	11	-4.8	-7.6	-8.4	-6.5	-0.6	25.0	25.6
	HT/VHT20 Beam Forming, M8 to M15	4	8	-2.8	-5.2	-6.3	-4.3	1.6	28.0	26.4
	HT/VHT20 Beam Forming, M16 to M23	4	6	-0.4	-3.3	-4.4	-2.6	3.6	30.0	26.4
	HT/VHT20 STBC, M0 to M7	2	5	2.8	1.8			5.3	30.0	24.7
	HT/VHT20 STBC, M0 to M7	3	7	0.6	-0.3	-1.2		4.5	29.0	24.5
	HT/VHT20 STBC, M0 to M7	4	8	-1.5	-2.5	-2.7	-1.5	4.0	28.0	24.0
5755	Non HT40, 6 to 54 Mbps	1	5	-3.5				-3.5	30.0	33.5
	Non HT40, 6 to 54 Mbps	2	8	-5.4	-7.7			-3.4	28.0	31.4
	Non HT40, 6 to 54 Mbps	3	10	-7.4	-10.1	-10.2		-4.3	26.0	30.3
	Non HT40, 6 to 54 Mbps	4	11	-8.1	-10.6	-11.4	-9.4	-3.7	25.0	28.7
	HT/VHT40, M0 to M7	1	5	0.3				0.3	30.0	29.7

	HT/VHT40, M0 to M7	2	8	-1.5	-2.6			1.0	28.0	27.0
	HT/VHT40, M8 to M15	2	5	-1.5	-2.6			1.0	30.0	29.0
	HT/VHT40, M0 to M7	3	10	-3.9	-5.2	-5.7		-0.1	26.0	26.1
	HT/VHT40, M8 to M15	3	7	-3.9	-5.2	-5.7		-0.1	29.0	29.1
	HT/VHT40, M16 to M23	3	5	-3.9	-5.2	-5.7		-0.1	30.0	30.1
	HT/VHT40, M0 to M7	4	11	-3.8	-6.8	-6.8	-5.5	0.5	25.0	24.5
	HT/VHT40, M8 to M15	4	8	-3.8	-6.8	-6.8	-5.5	0.5	28.0	27.5
	HT/VHT40, M16 to M23	4	6	-3.8	-6.8	-6.8	-5.5	0.5	30.0	29.5
	HT/VHT40 Beam Forming, M0 to M7	2	8	-3.9	-5.2			-1.5	28.0	29.5
	HT/VHT40 Beam Forming, M8 to M15	2	5	-1.5	-2.6			1.0	30.0	29.0
	HT/VHT40 Beam Forming, M0 to M7	3	10	-8.5	-11.5	-11.8		-5.6	26.0	31.6
	HT/VHT40 Beam Forming, M8 to M15	3	7	-5.9	-8.8	-8.9		-2.9	29.0	31.9
	HT/VHT40 Beam Forming, M16 to M23	3	5	-3.9	-5.2	-5.7		-0.1	30.0	30.1
	HT/VHT40 Beam Forming, M0 to M7	4	11	-11.1	-13.7	-13.9	-12.2	-6.6	25.0	31.6
	HT/VHT40 Beam Forming, M8 to M15	4	8	-6.8	-9.7	-9.8	-8.0	-2.4	28.0	30.4
	HT/VHT40 Beam Forming, M16 to M23	4	6	-5.9	-8.8	-8.9	-7.1	-1.5	30.0	31.5
	HT/VHT40 STBC, M0 to M7	2	5	-1.5	-2.6			1.0	30.0	29.0
	HT/VHT40 STBC, M0 to M7	3	7	-3.9	-5.2	-5.7		-0.1	29.0	29.1
	HT/VHT40 STBC, M0 to M7	4	8	-3.8	-6.8	-6.8	-5.5	0.5	28.0	27.5
5775	Non HT80, 6 to 54 Mbps	1	5	-5.5				-5.5	30.0	35.5
	Non HT80, 6 to 54 Mbps	2	8	-8.1	-9.1			-5.6	28.0	33.6
	Non HT80, 6 to 54 Mbps	3	10	-8.1	-9.1	-7.7		-3.5	26.0	29.5
	Non HT80, 6 to 54 Mbps	4	11	-9.9	-10.8	-10.0	-9.9	-4.1	25.0	29.1
	VHT80, M0 to M9 1ss	1	5	-5.5				-5.5	30.0	35.5
	VHT80, M0 to M9 1ss	2	8	-5.8	-6.3			-3.0	28.0	31.0
	VHT80, M0 to M9 2ss	2	5	-5.8	-6.3			-3.0	30.0	33.0
	VHT80, M0 to M9 1ss	3	10	-5.8	-6.3	-5.6		-1.1	26.0	27.1
	VHT80, M0 to M9 2ss	3	7	-5.8	-6.3	-5.6		-1.1	29.0	30.1
	VHT80, M0 to M9 3ss	3	5	-5.8	-6.3	-5.6		-1.1	30.0	31.1
	VHT80, M0 to M9 1ss	4	11	-8.0	-8.6	-7.7	-7.3	-1.9	25.0	26.9
	VHT80, M0 to M9 2ss	4	8	-8.0	-8.6	-7.7	-7.3	-1.9	28.0	29.9
	VHT80, M0 to M9 3ss	4	6	-8.0	-8.6	-7.7	-7.3	-1.9	30.0	31.9
	VHT80 Beam Forming, M0 to M9 1ss	2	8	-6.9	-7.5			-4.2	28.0	32.2
	VHT80 Beam Forming, M0 to M9 2ss	2	5	-5.8	-6.3			-3.0	30.0	33.0
	VHT80 Beam Forming, M0 to M9 1ss	3	10	-8.5	-11.8	-12.1		-5.7	26.0	31.7
	VHT80 Beam Forming, M0 to M9 2ss	3	7	-9.0	-9.5	-9.0		-4.4	29.0	33.4
	VHT80 Beam Forming, M0 to M9 3ss	3	5	-5.8	-6.3	-5.6		-1.1	30.0	31.1
	VHT80 Beam Forming, M0 to M9 1ss	4	11	-11.3	-13.6	-14.2	-12.9	-6.8	25.0	31.8
	VHT80 Beam Forming, M0 to M9 2ss	4	8	-8.5	-11.8	-12.1	-10.5	-4.5	28.0	32.5
	VHT80 Beam Forming, M0 to M9 3ss	4	6	-9.0	-9.5	-9.0	-8.5	-3.0	30.0	33.0

	VHT80 STBC, M0 to M9 1ss	2	5	-5.8	-6.3			-3.0	30.0	33.0
	VHT80 STBC, M0 to M9 1ss	3	5	-5.8	-6.3	-5.6		-1.1	30.0	31.1
	VHT80 STBC, M0 to M9 1ss	4	5	-8.0	-8.6	-7.7	-7.3	-1.9	30.0	31.9
5785	Non HT20, 6 to 54 Mbps	1	5	2.9				2.9	30.0	27.1
	Non HT20, 6 to 54 Mbps	2	8	2.9	2.5			5.7	28.0	22.3
	Non HT20, 6 to 54 Mbps	3	10	2.9	2.5	3.6		7.8	26.0	18.2
	Non HT20, 6 to 54 Mbps	4	11	2.9	2.5	3.6	3.0	9.0	25.0	16.0
	Non HT20 Beam Forming, 6 to 54 Mbps	2	8	2.9	2.5			5.7	28.0	22.3
	Non HT20 Beam Forming, 6 to 54 Mbps	3	10	2.9	2.5	3.6		7.8	26.0	18.2
	Non HT20 Beam Forming, 6 to 54 Mbps	4	11	2.9	2.5	3.6	3.0	9.0	25.0	16.0
	HT/VHT20, M0 to M7	1	5	3.0				3.0	30.0	27.0
	HT/VHT20, M0 to M7	2	8	3.0	2.5			5.8	28.0	22.2
	HT/VHT20, M8 to M15	2	5	3.0	2.5			5.8	30.0	24.2
	HT/VHT20, M0 to M7	3	10	3.0	2.5	3.5		7.8	26.0	18.2
	HT/VHT20, M8 to M15	3	7	3.0	2.5	3.5		7.8	29.0	21.2
	HT/VHT20, M16 to M23	3	5	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20, M0 to M7	4	11	3.0	2.5	3.5	3.1	9.1	25.0	15.9
	HT/VHT20, M8 to M15	4	8	3.0	2.5	3.5	3.1	9.1	28.0	18.9
	HT/VHT20, M16 to M23	4	6	3.0	2.5	3.5	3.1	9.1	30.0	20.9
	HT/VHT20 Beam Forming, M0 to M7	2	8	3.0	2.5			5.8	28.0	22.2
	HT/VHT20 Beam Forming, M8 to M15	2	5	3.0	2.5			5.8	30.0	24.2
	HT/VHT20 Beam Forming, M0 to M7	3	10	3.0	2.5	3.5		7.8	26.0	18.2
	HT/VHT20 Beam Forming, M8 to M15	3	7	3.0	2.5	3.5		7.8	29.0	21.2
	HT/VHT20 Beam Forming, M16 to M23	3	5	3.0	2.5	3.5		7.8	30.0	22.2
	HT/VHT20 Beam Forming, M0 to M7	4	11	3.0	2.5	3.5	3.1	9.1	25.0	15.9
	HT/VHT20 Beam Forming, M8 to M15	4	8	3.0	2.5	3.5	3.1	9.1	28.0	18.9
	HT/VHT20 Beam Forming, M16 to M23	4	6	3.0	2.5	3.5	3.1	9.1	30.0	20.9
	HT/VHT20 STBC, M0 to M7	2	5	3.0	2.5			5.8	30.0	24.2
	HT/VHT20 STBC, M0 to M7	3	7	3.0	2.5	3.5		7.8	29.0	21.2
	HT/VHT20 STBC, M0 to M7	4	8	3.0	2.5	3.5	3.1	9.1	28.0	18.9
5795	Non HT40, 6 to 54 Mbps	1	5	1.8				1.8	30.0	28.2
	Non HT40, 6 to 54 Mbps	2	8	1.8	1.1			4.5	28.0	23.5
	Non HT40, 6 to 54 Mbps	3	10	1.8	1.1	2.2		6.5	26.0	19.5
	Non HT40, 6 to 54 Mbps	4	11	1.8	1.1	2.2	1.6	7.7	25.0	17.3
	HT/VHT40, M0 to M7	1	5	0.4				0.4	30.0	29.6
	HT/VHT40, M0 to M7	2	8	0.4	-0.5			3.0	28.0	25.0
	HT/VHT40, M8 to M15	2	5	0.4	-0.5			3.0	30.0	27.0
	HT/VHT40, M0 to M7	3	10	0.4	-0.5	0.6		5.0	26.0	21.0
	HT/VHT40, M8 to M15	3	7	0.4	-0.5	0.6		5.0	29.0	24.0