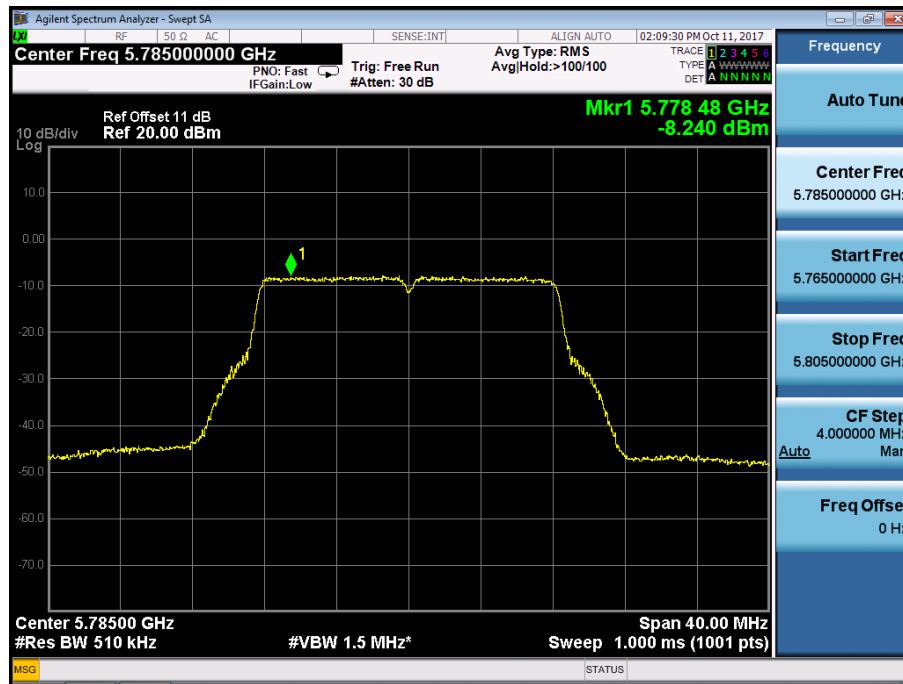
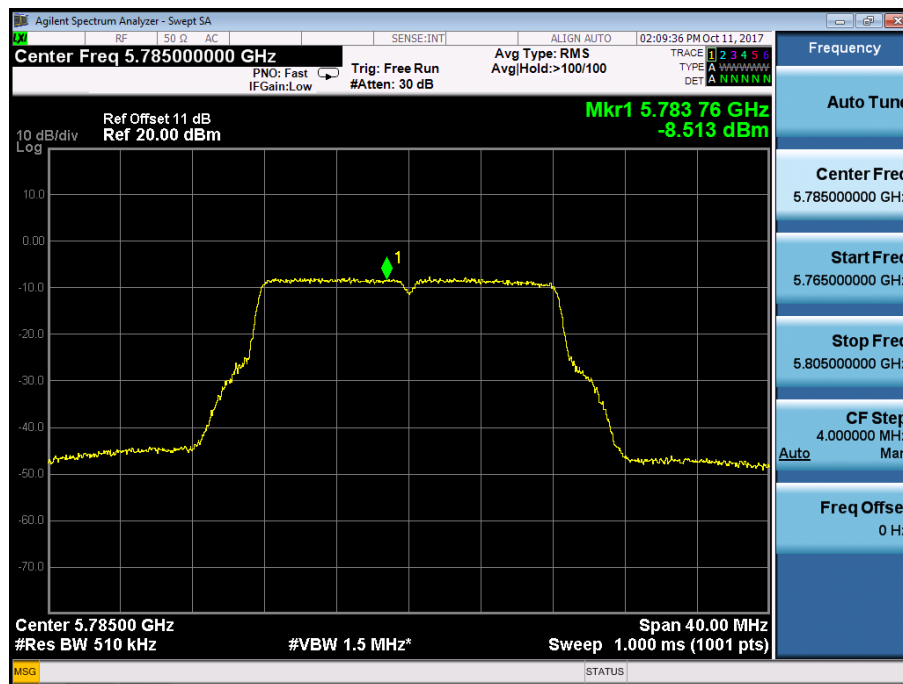


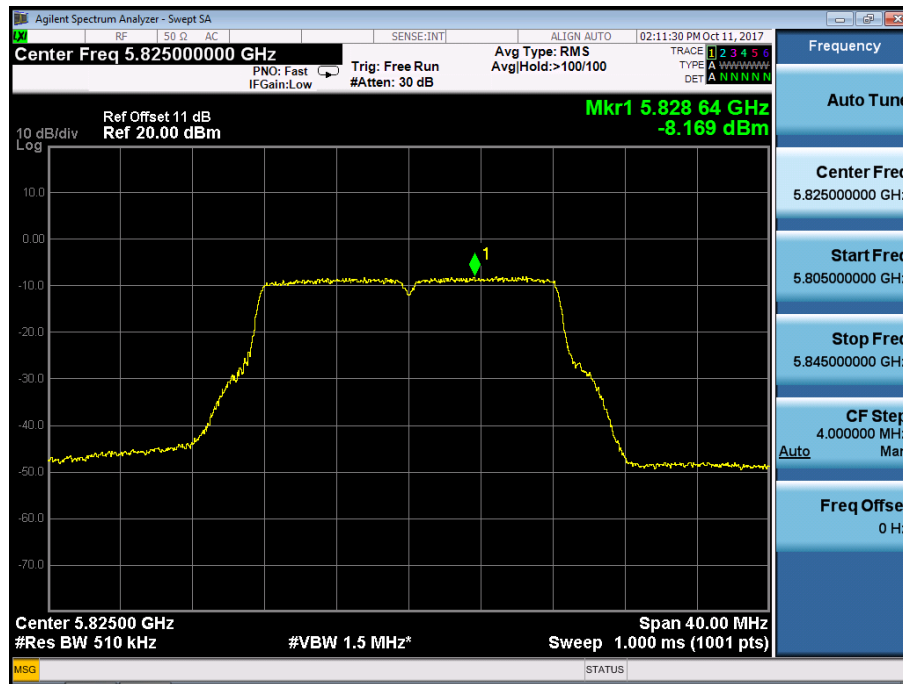
Power Spectral Density	UNII Band III
Test Model 802.11a	Frequency(MHz) 5785
Ant0	



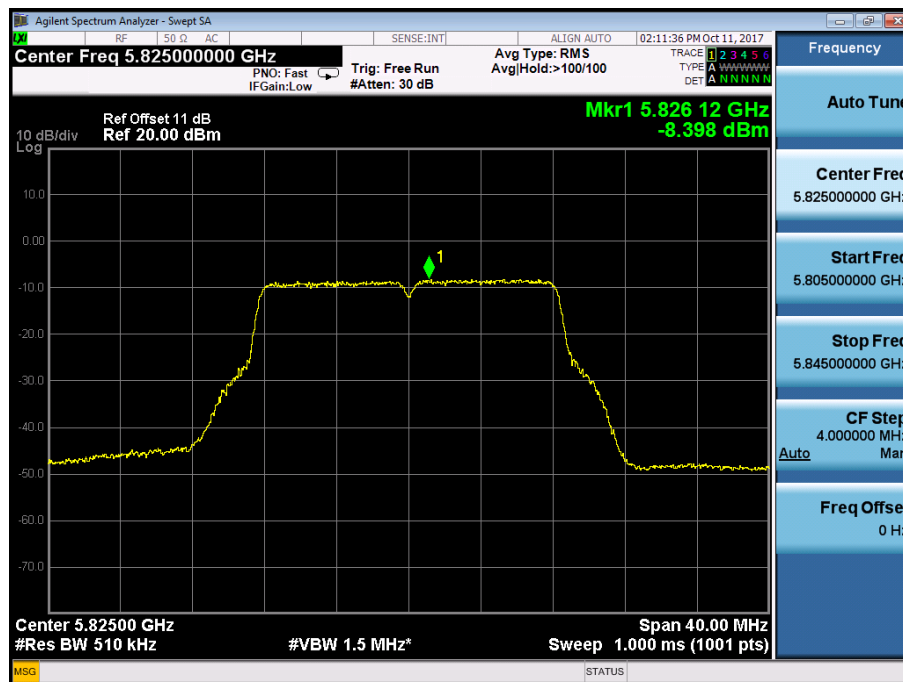
Ant1



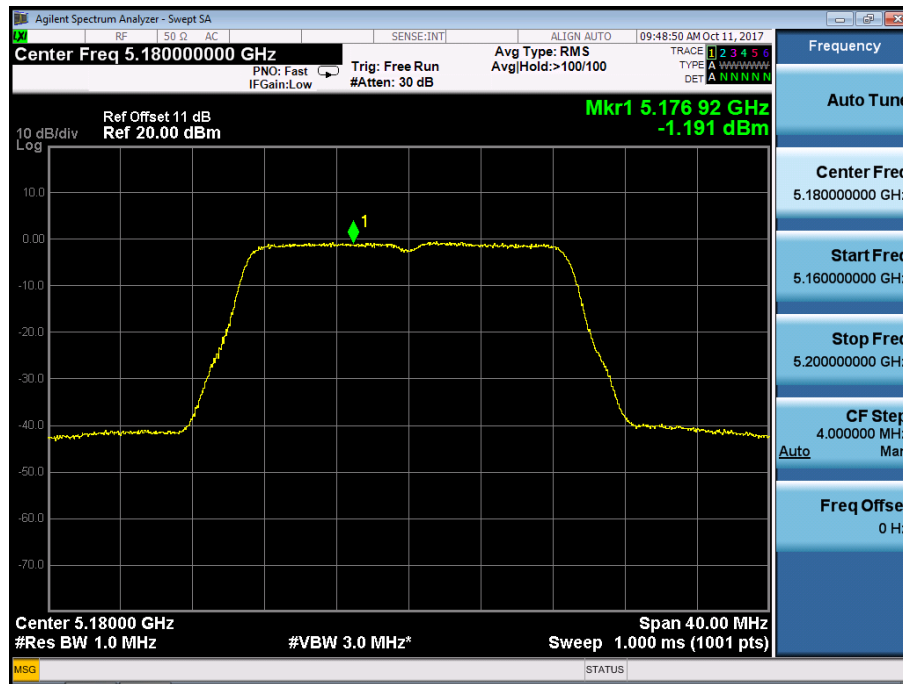
Power Spectral Density	UNII Band III
Test Model 802.11a	Frequency(MHz) 5825
Ant0	



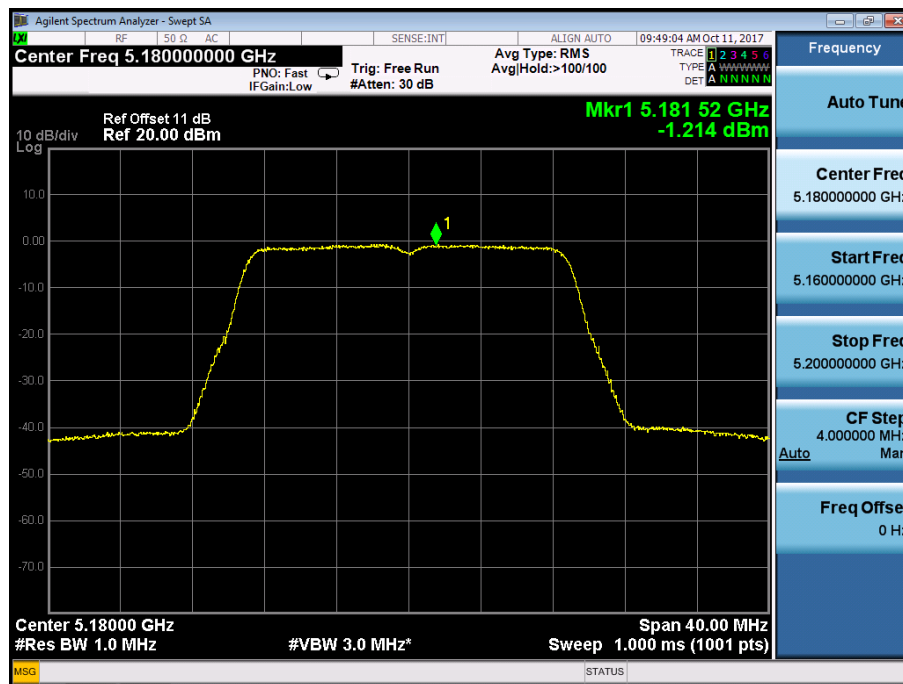
Ant1



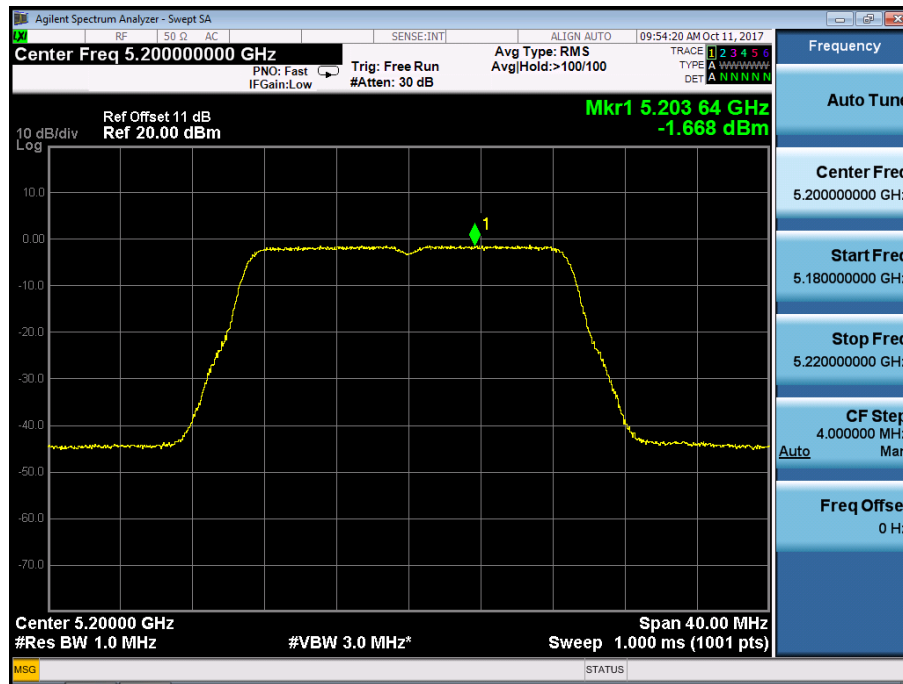
Power Spectral Density	UNII Band I
Test Model 802.11n(VHT20) mode	Frequency(MHz) 5180
Ant0	



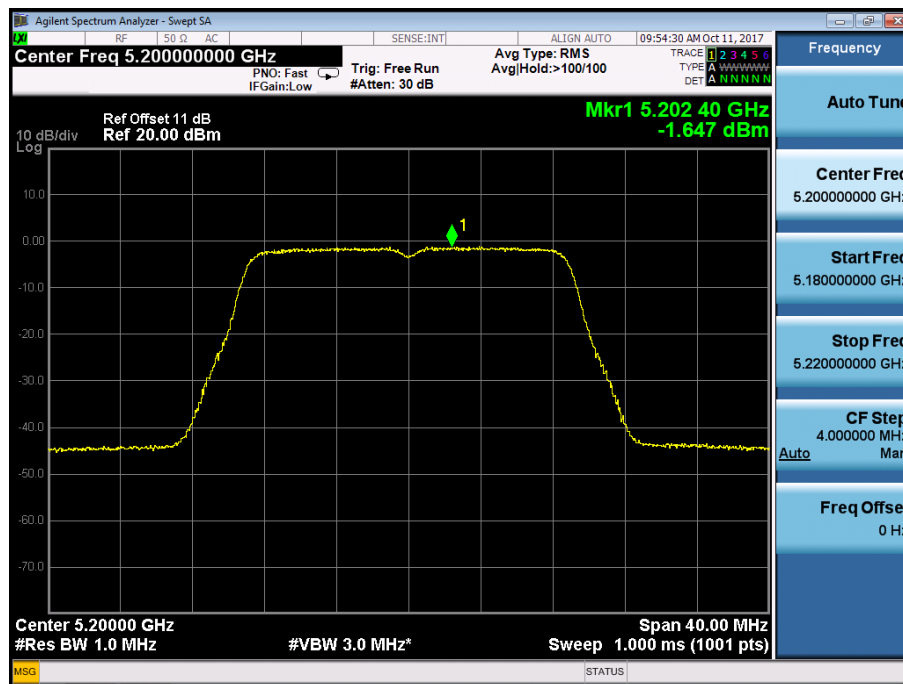
Ant1



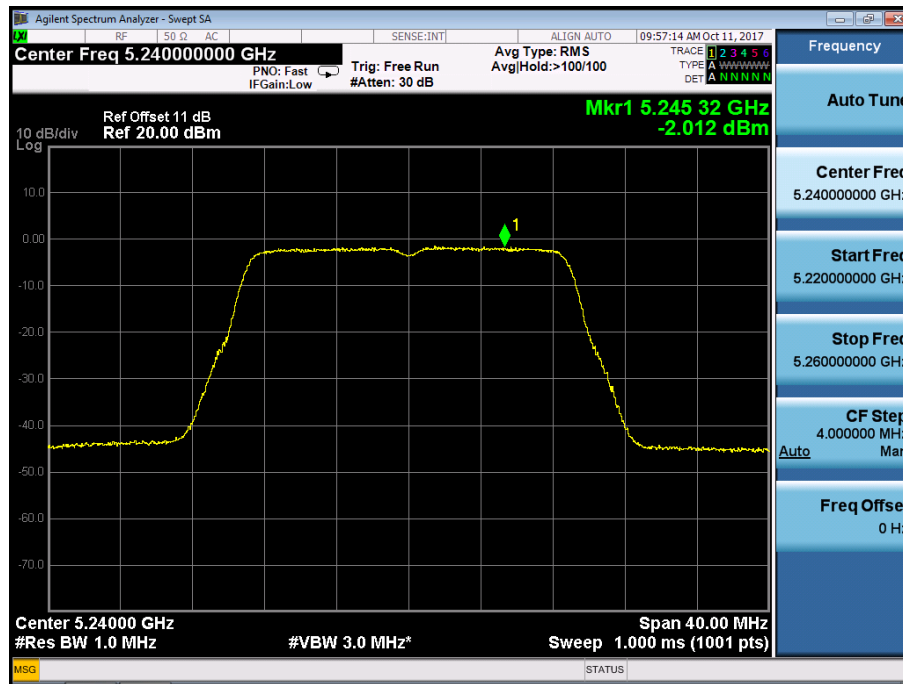
Power Spectral Density	UNII Band I
Test Model 802.11n(VHT20) mode	Frequency(MHz) 5200
Ant0	



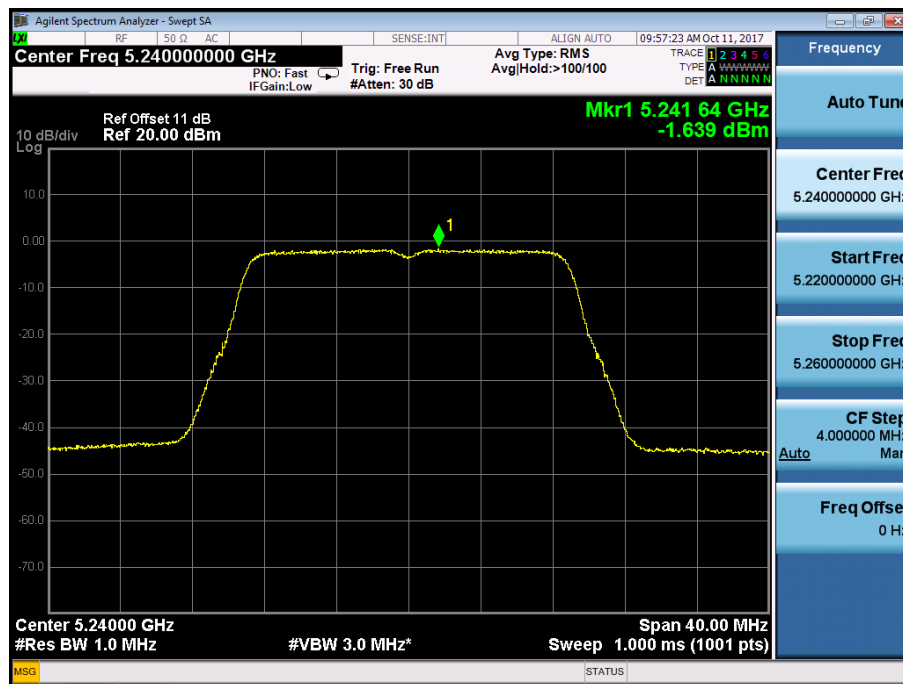
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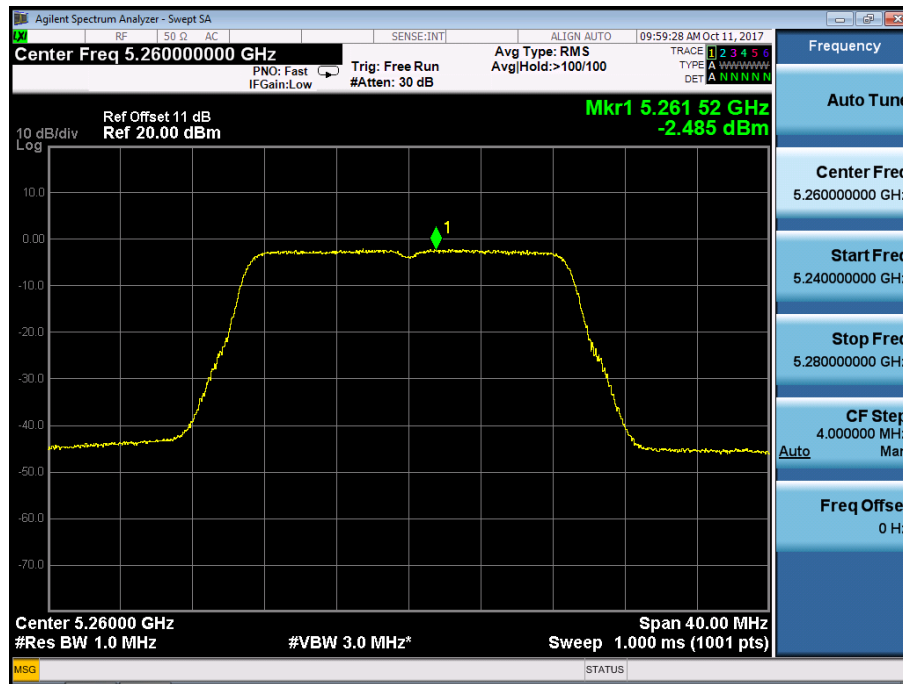
Power Spectral Density UNII Band I
Test Model 802.11n(VHT20) mode Frequency(MHz) 5240
Ant0



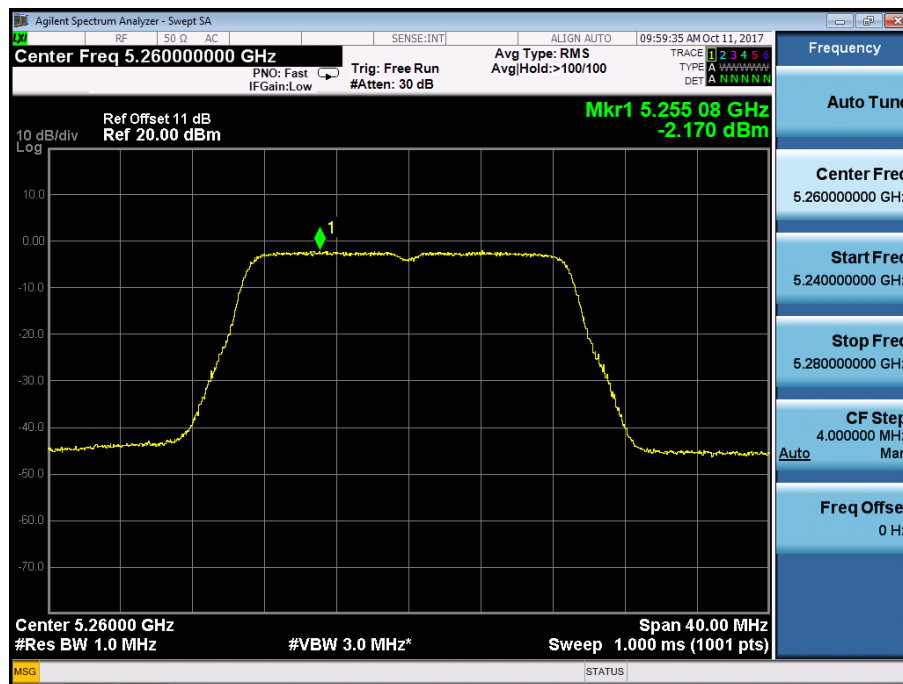
Ant1



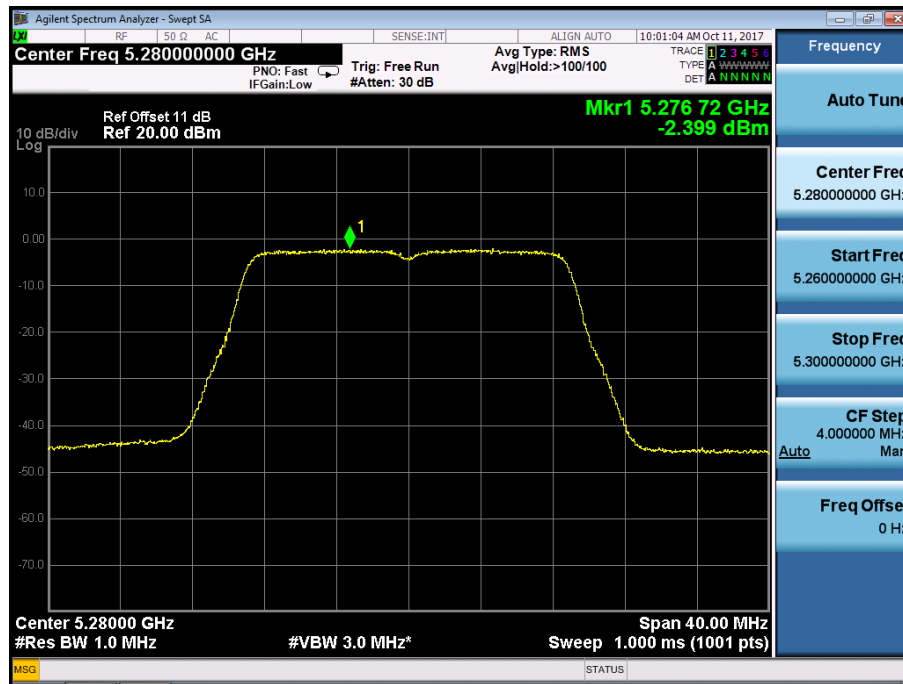
Power Spectral Density UNII Band II-A
Test Model 802.11n(VHT20) mode Frequency(MHz) 5260
Ant0



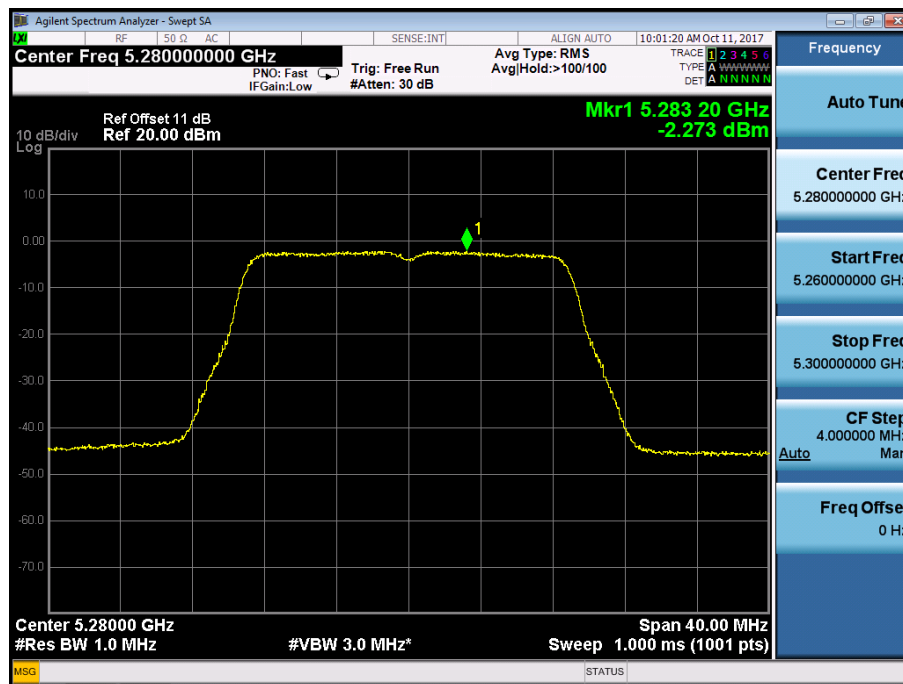
Ant1



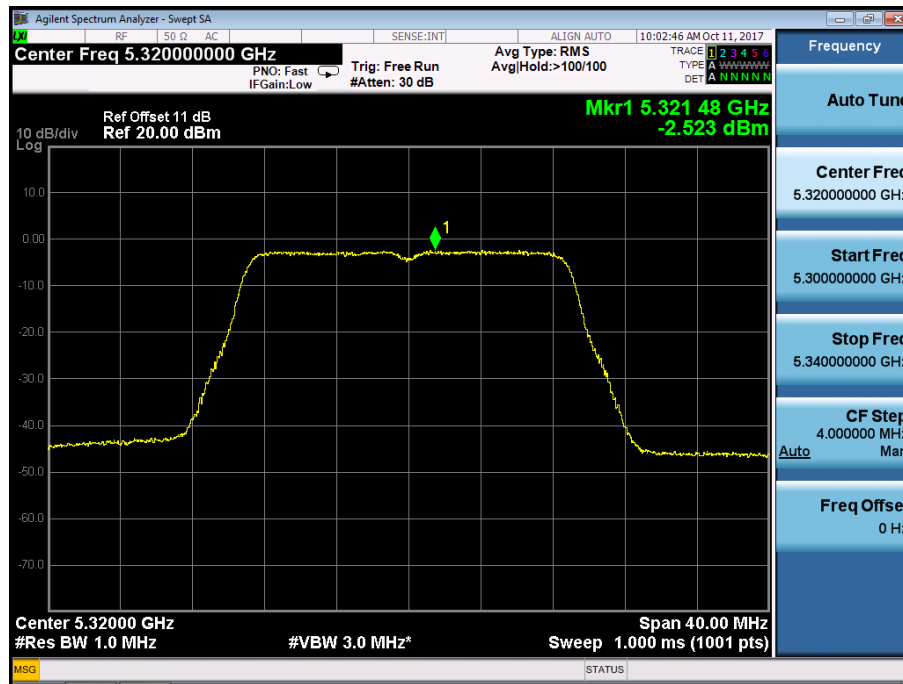
Power Spectral Density	UNII Band II-A
Test Model 802.11n(VHT20) mode	Frequency(MHz) 5280
Ant0	



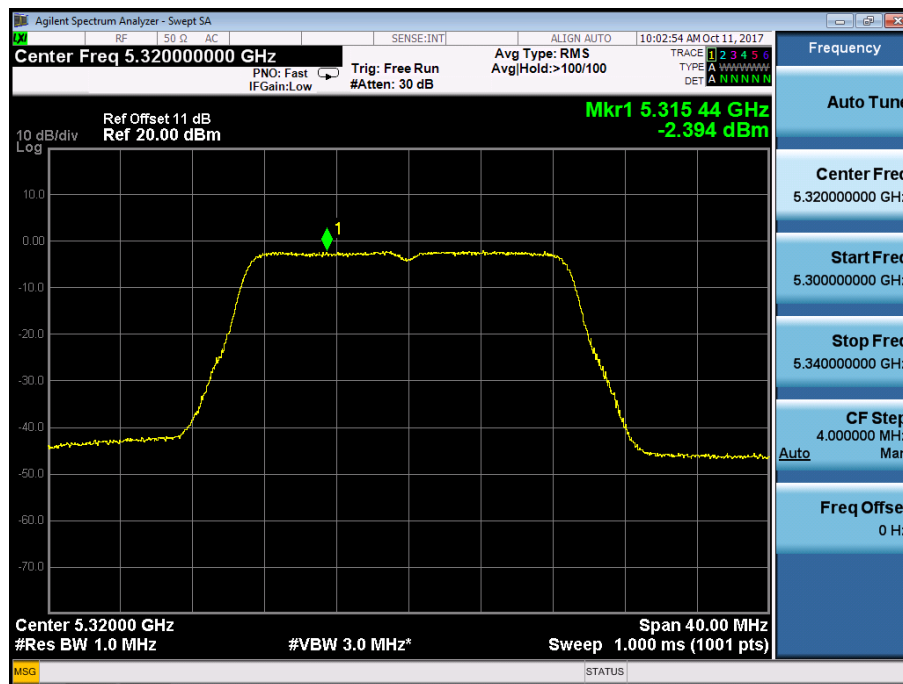
Ant1



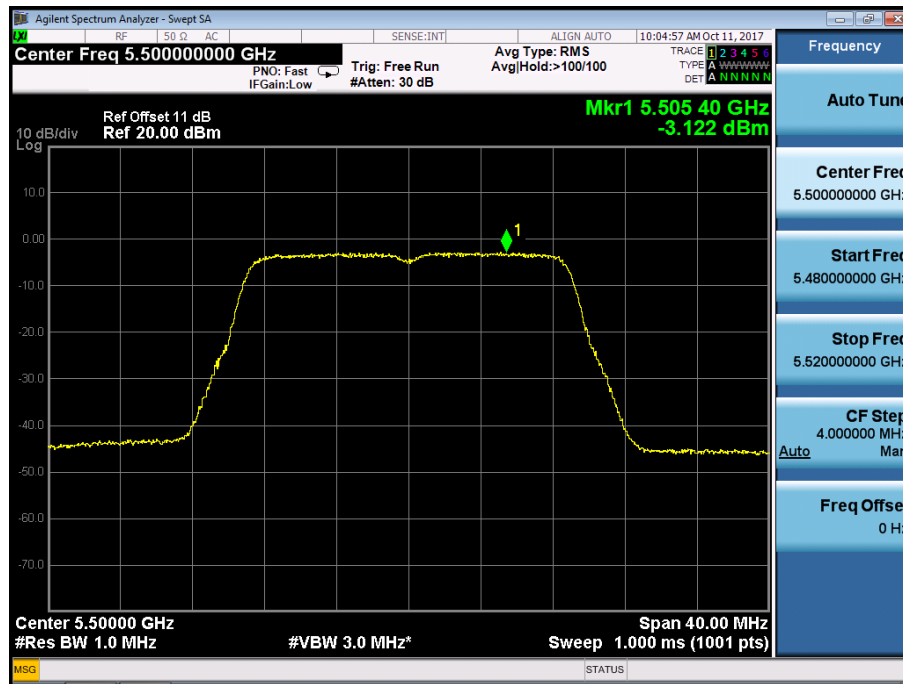
Power Spectral Density UNII Band II-A
Test Model 802.11n(VHT20) mode Frequency(MHz) 5320
Ant0



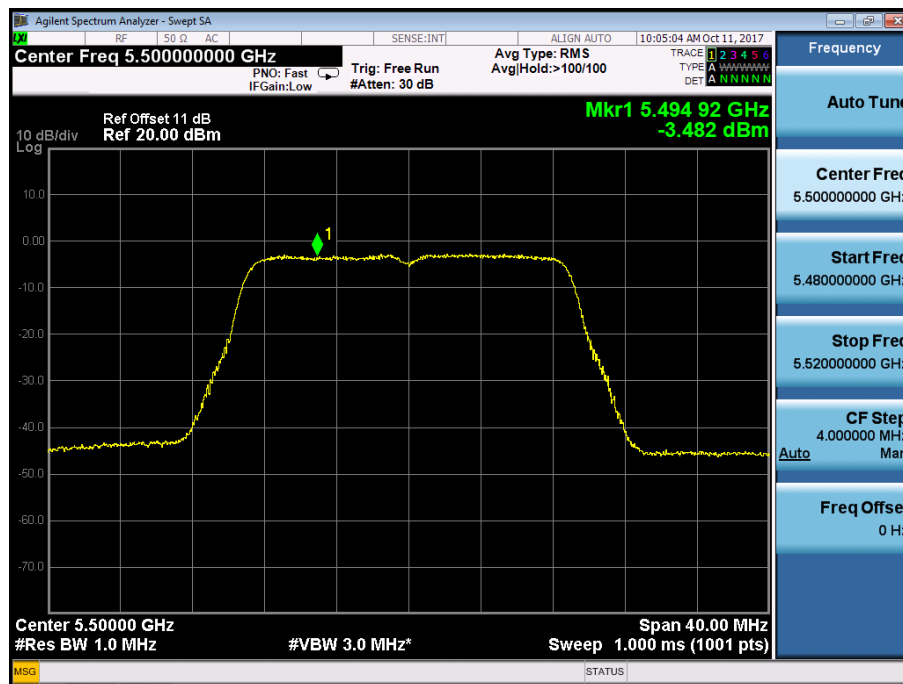
Ant1



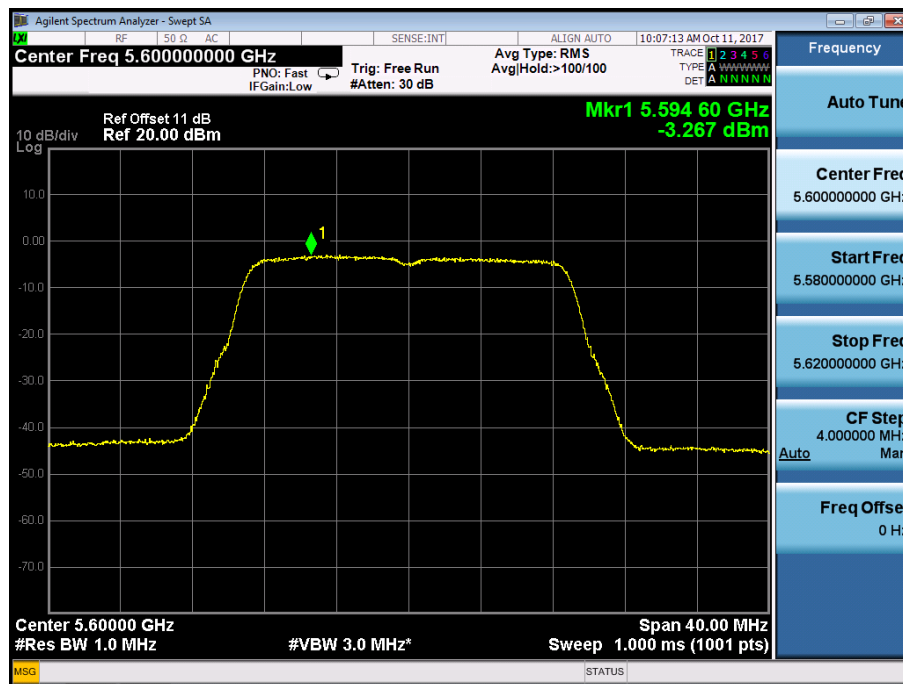
Power Spectral Density UNII Band II-C
Test Model 802.11n(VHT20) mode Frequency(MHz) 5500
Ant0



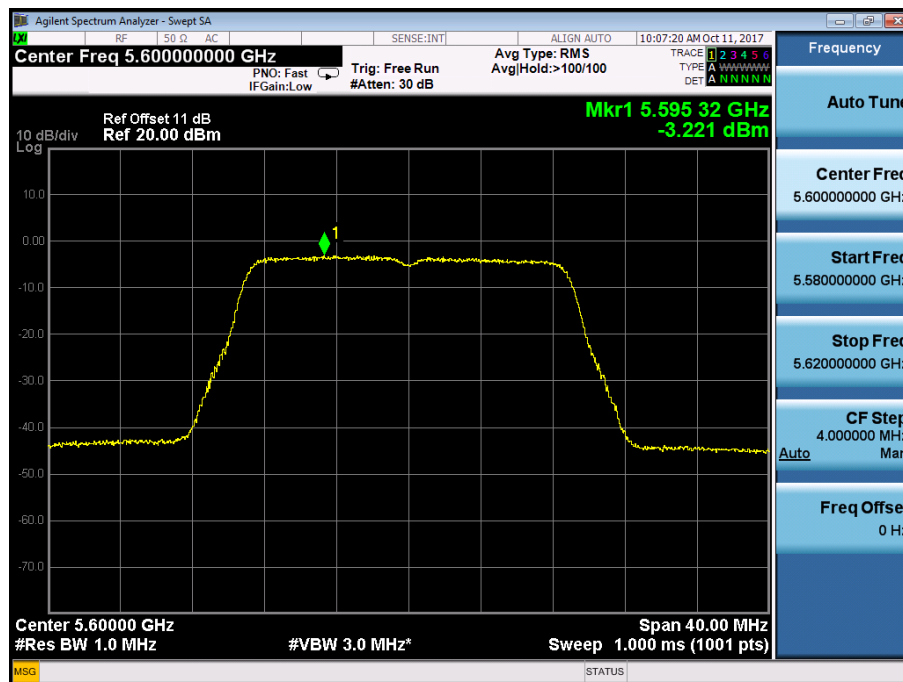
Ant1



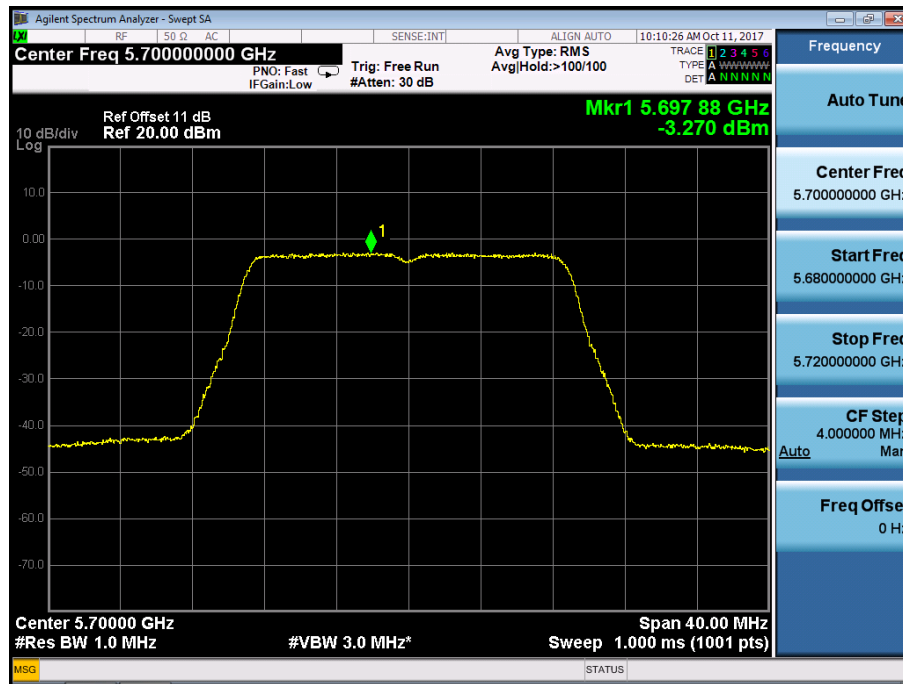
Power Spectral Density UNII Band II-C
Test Model 802.11n(VHT20) mode Frequency(MHz) 5600
Ant0



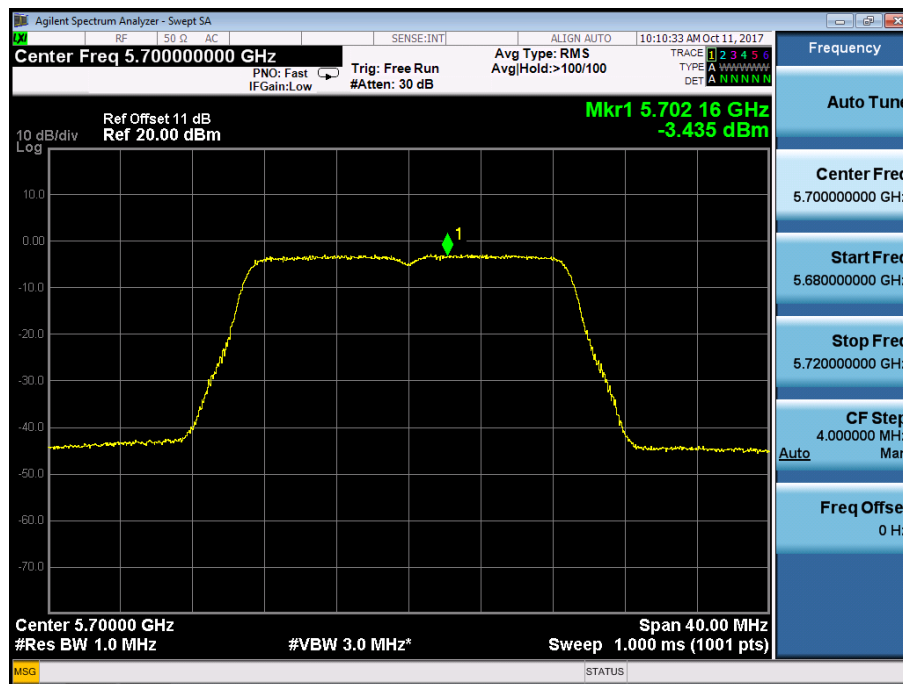
Ant1



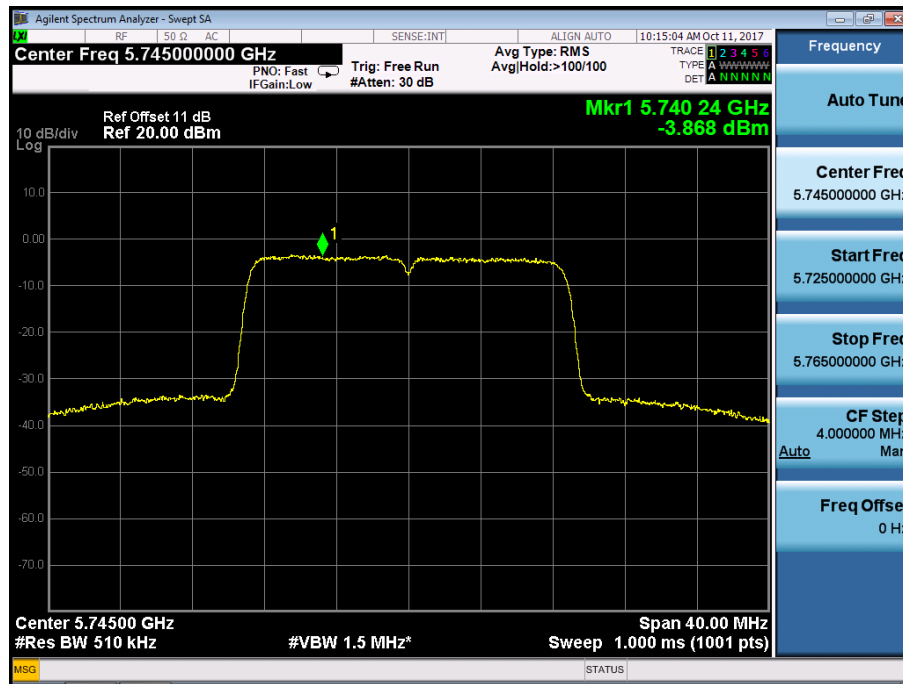
Power Spectral Density UNII Band II-C
Test Model 802.11n(VHT20) mode Frequency(MHz) 5700
Ant0



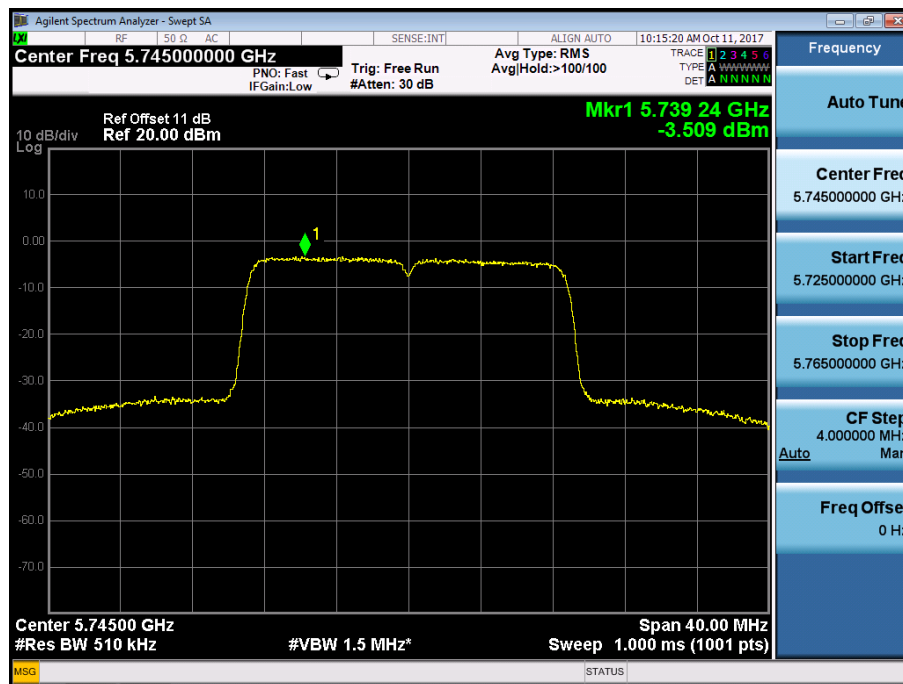
Ant1



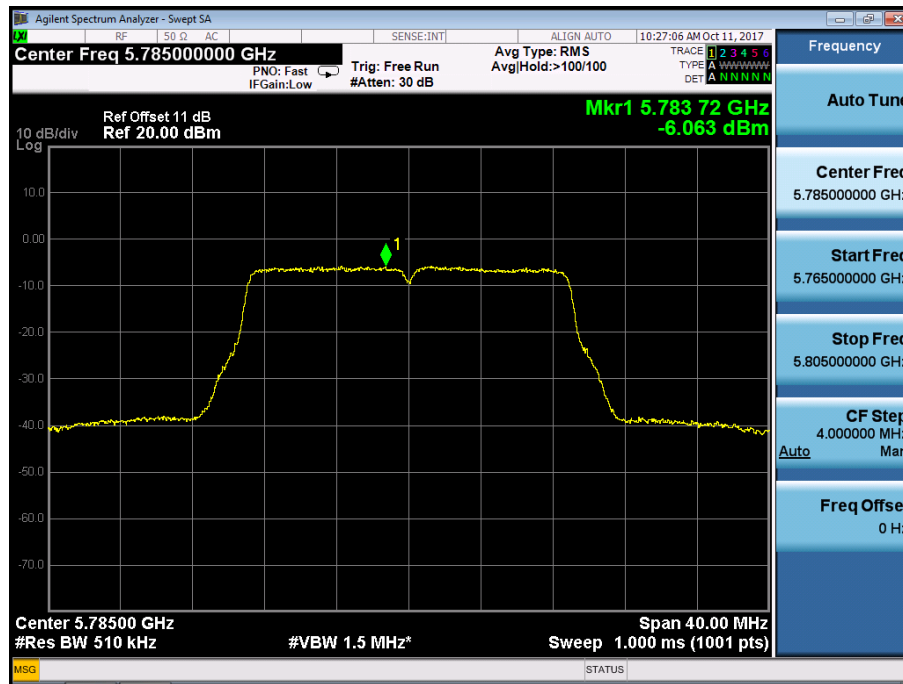
Power Spectral Density UNII Band III
Test Model 802.11n(VHT20) mode Frequency(MHz) 5745
Ant0



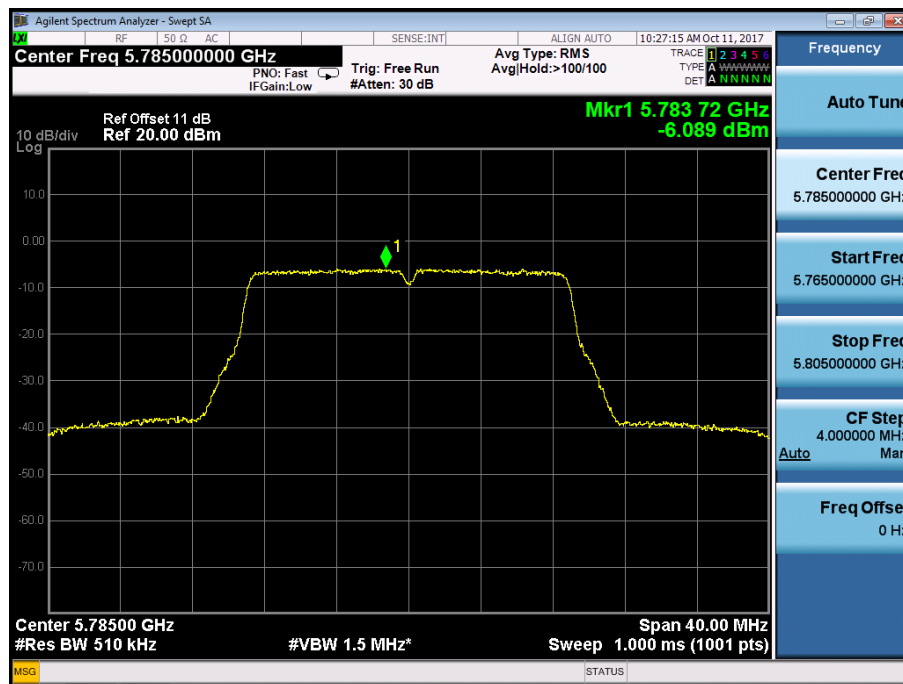
Ant1



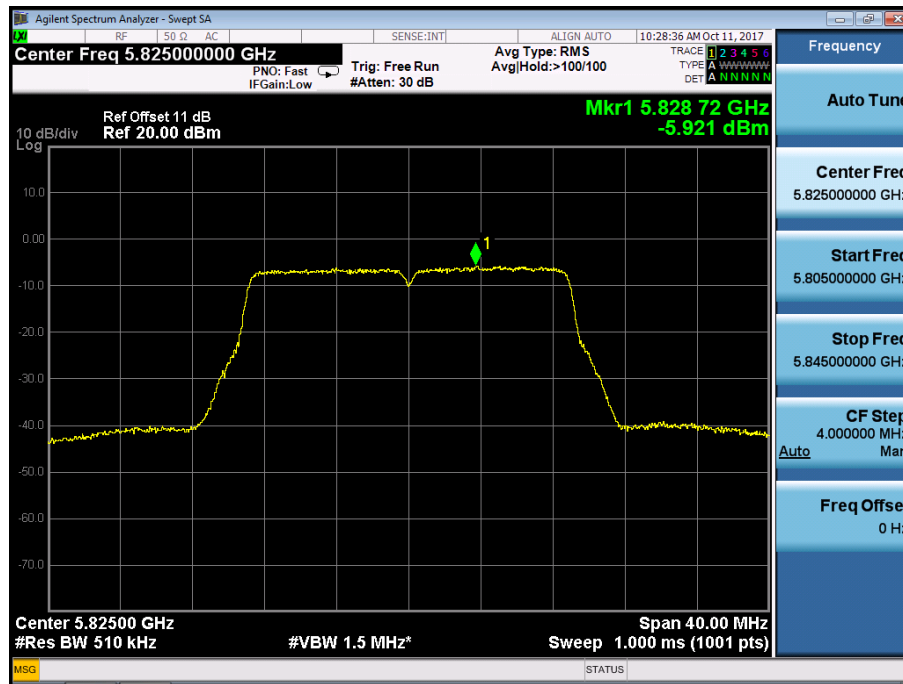
Power Spectral Density UNII Band III
Test Model 802.11n(VHT20) mode Frequency(MHz) 5785
Ant0



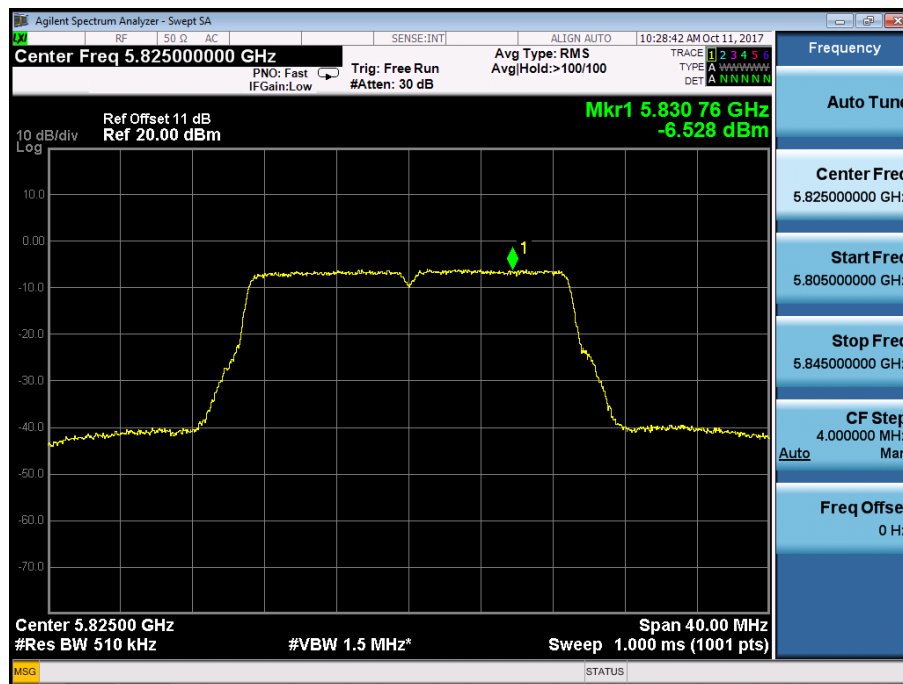
Ant1



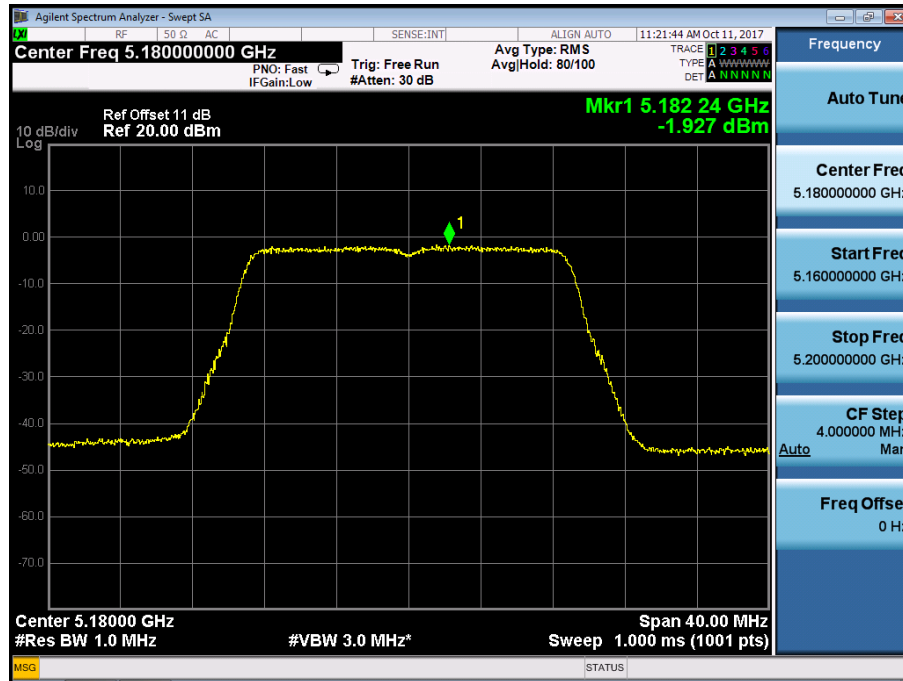
Power Spectral Density UNII Band III
Test Model 802.11n(VHT20) mode Frequency(MHz) 5825
Ant0



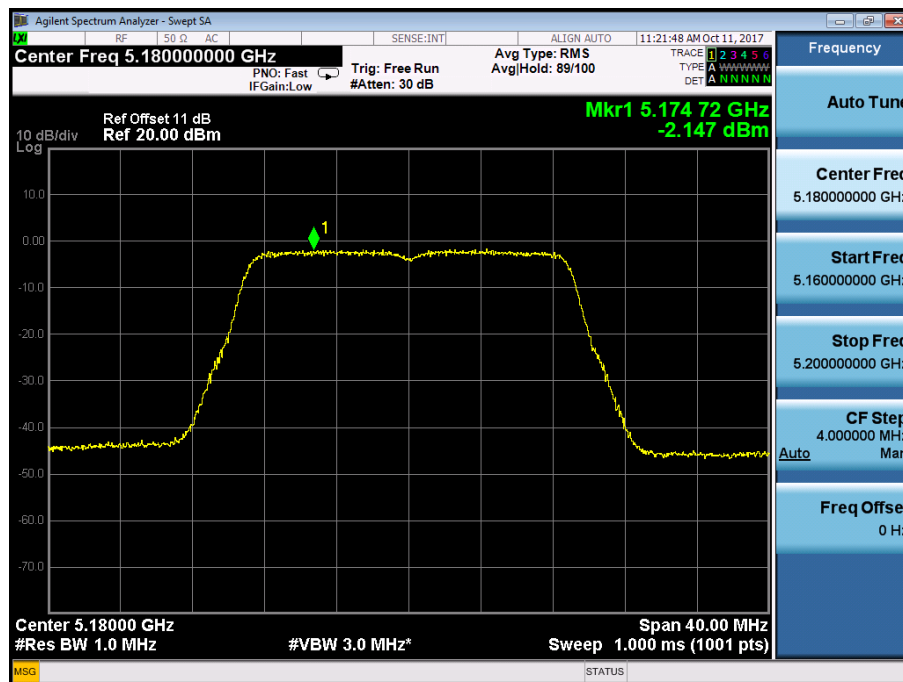
Ant1



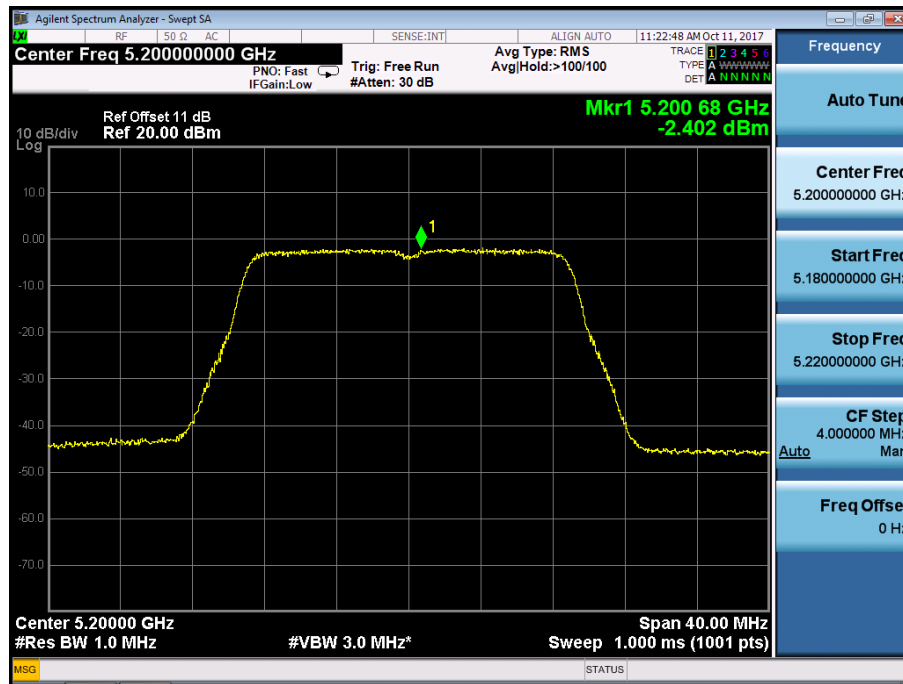
Power Spectral Density	UNII Band I
Test Model 802.11ac(VHT20) mode	Frequency(MHz) 5180
Ant0	



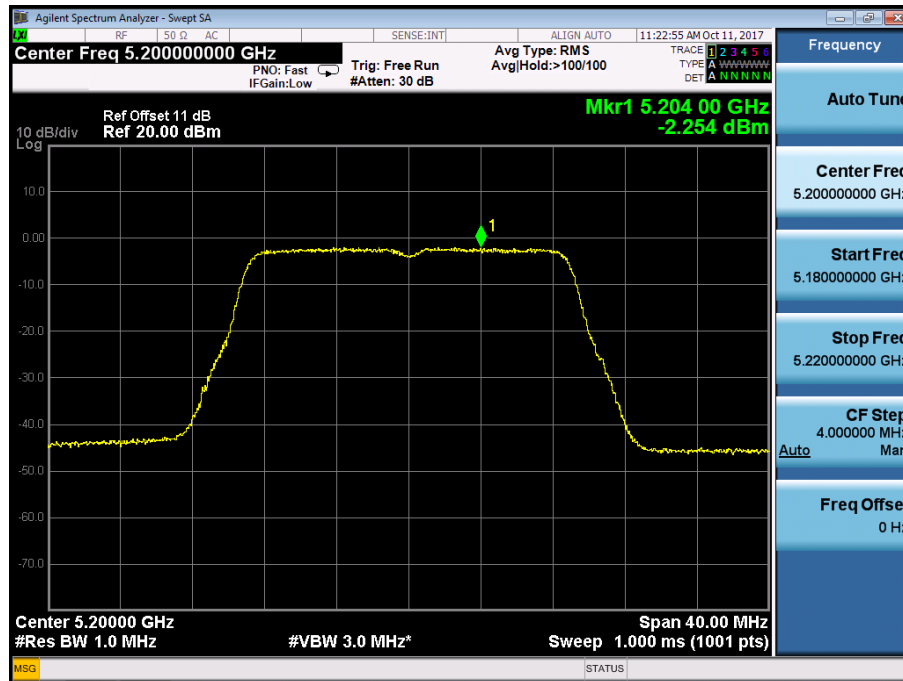
Ant1



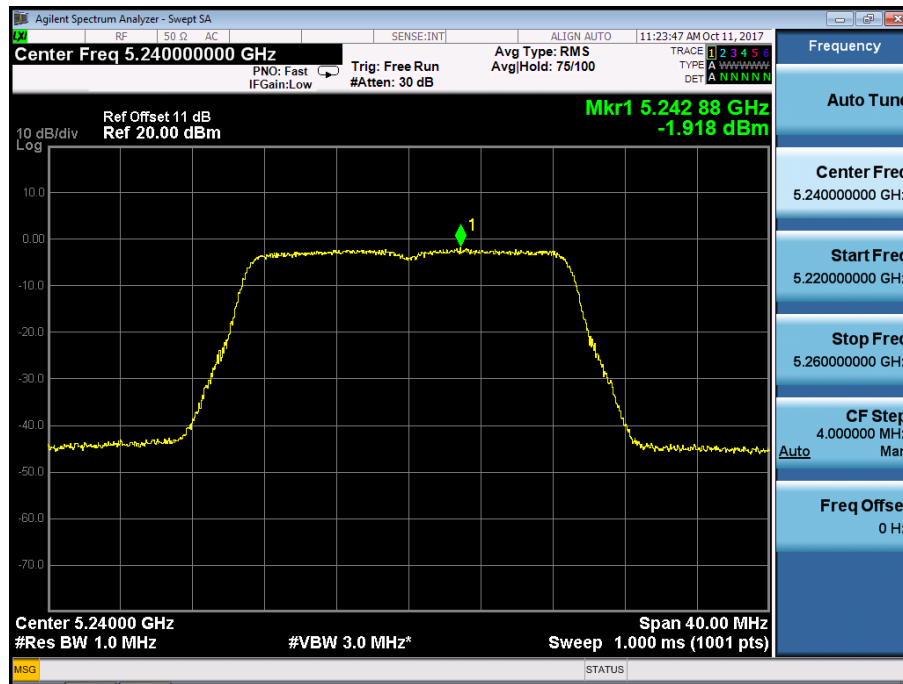
Power Spectral Density UNII Band I
Test Model 802.11ac(VHT20) mode Frequency(MHz) 5200
Ant0



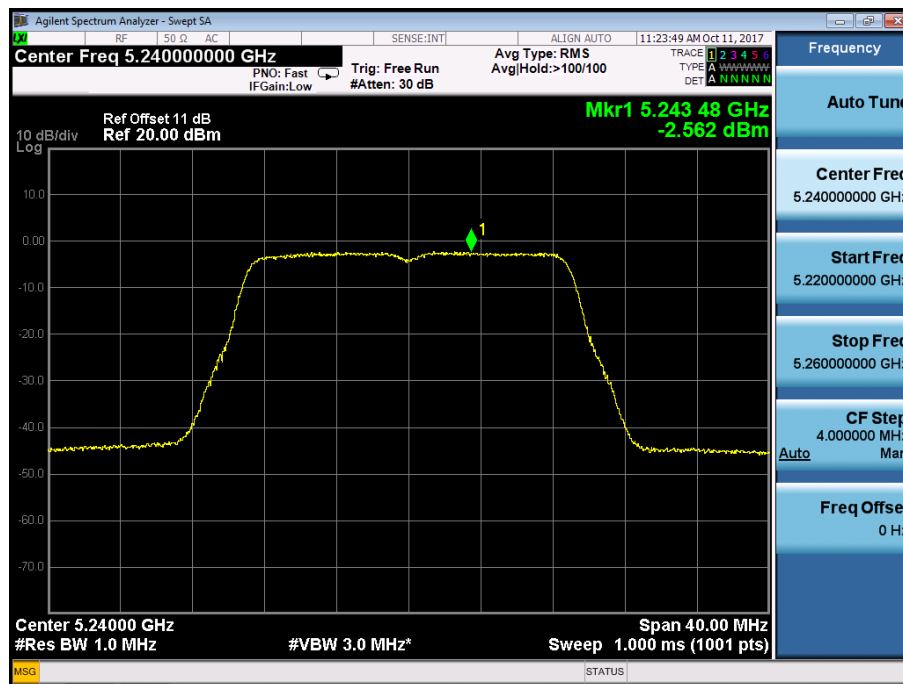
Ant1



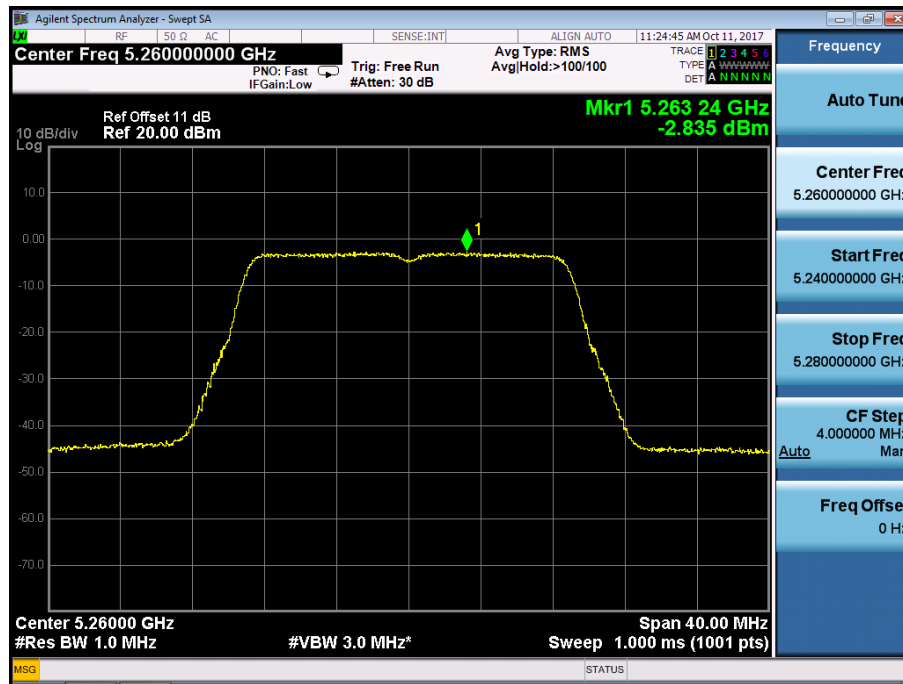
Power Spectral Density UNII Band I
Test Model 802.11ac(VHT20) mode Frequency(MHz) 5240
Ant0



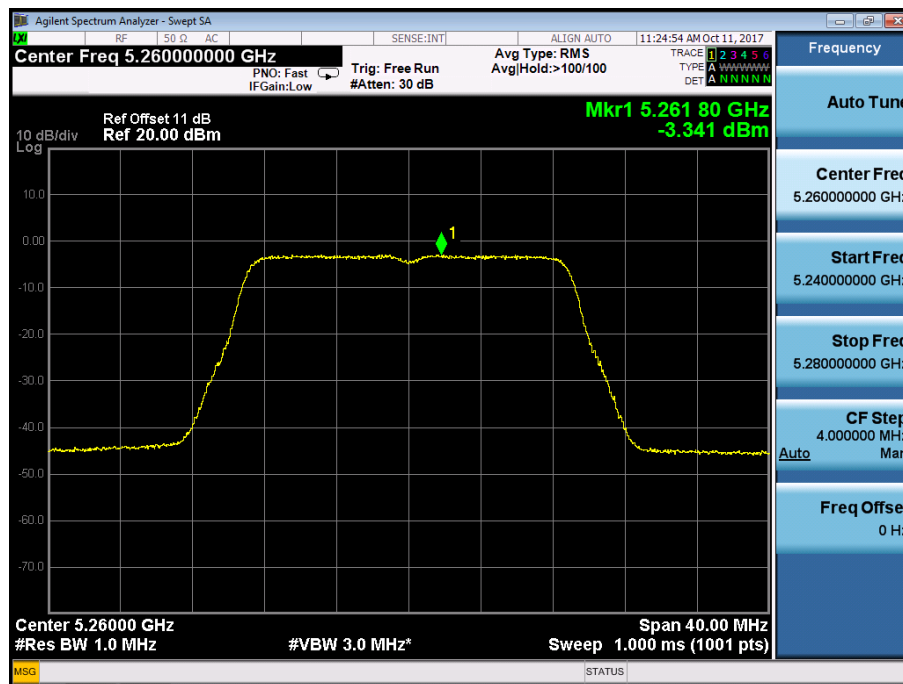
Ant1



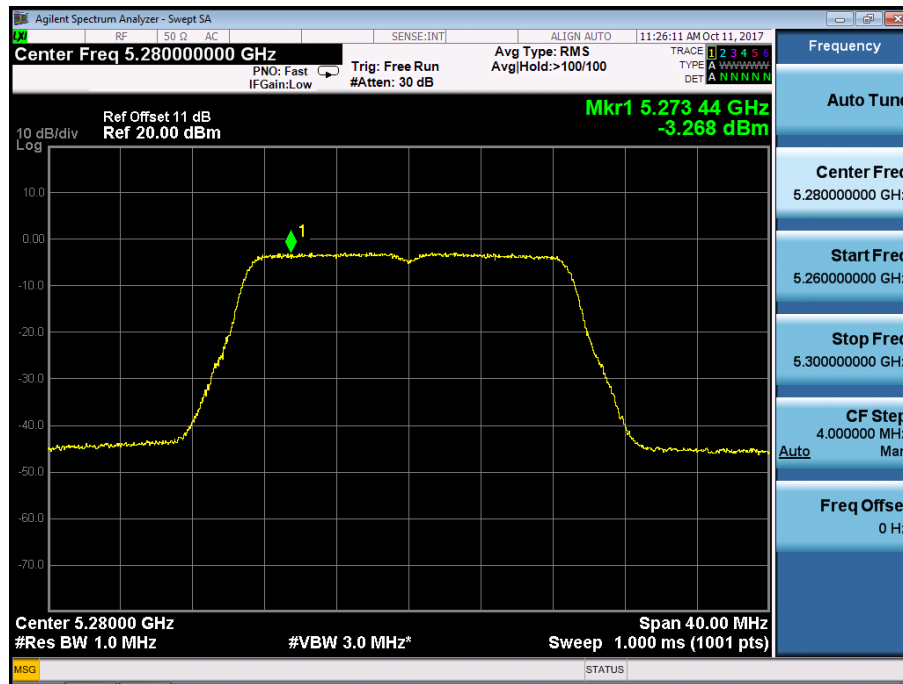
Power Spectral Density UNII Band II-A
Test Model 802.11ac(VHT20) mode Frequency(MHz) 5260
Ant0



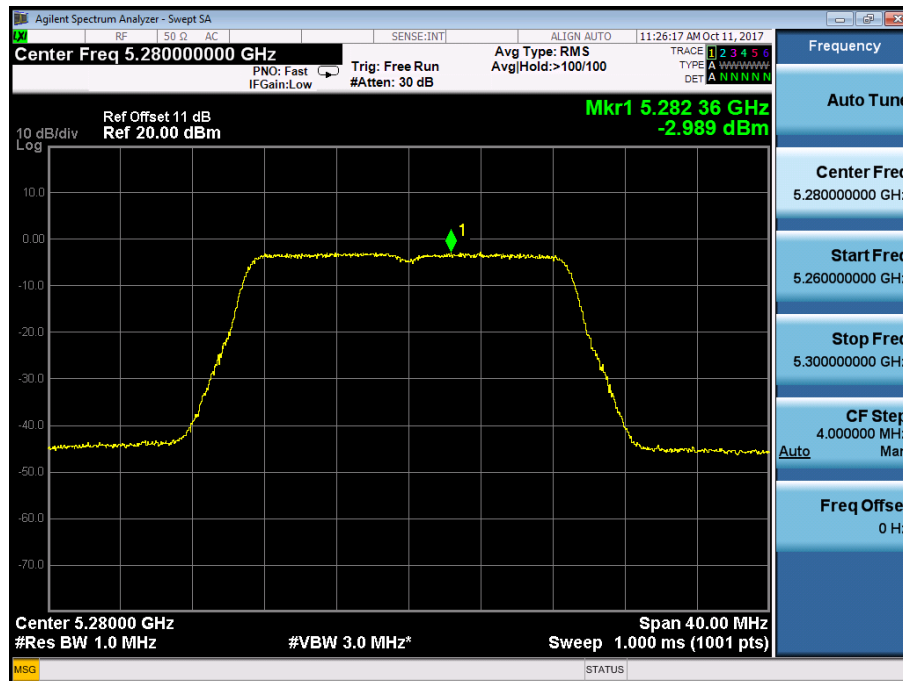
Ant1



Power Spectral Density UNII Band II-A
Test Model 802.11ac(VHT20) mode Frequency(MHz) 5280
Ant0

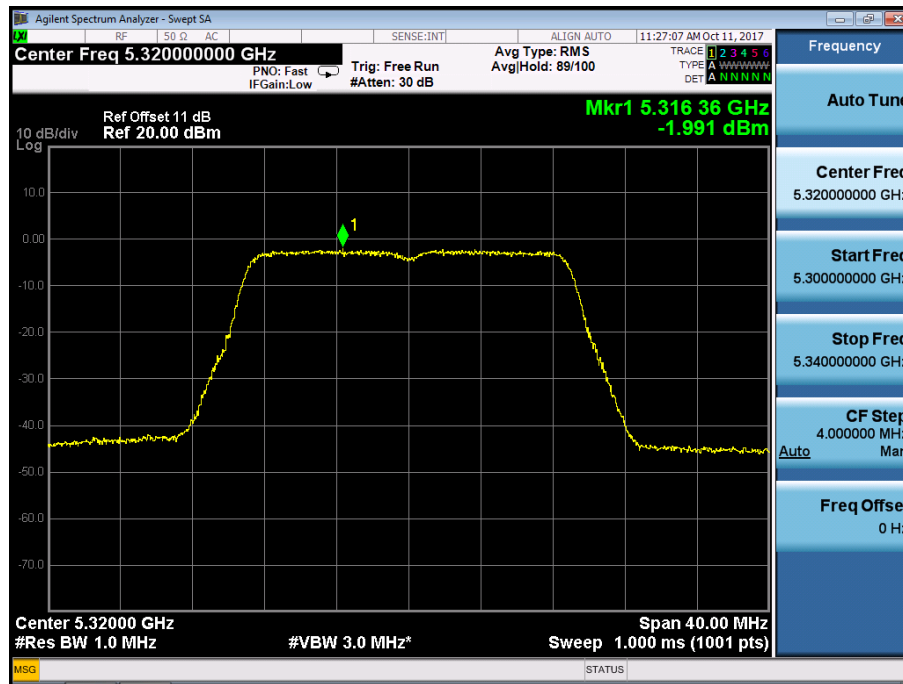


Ant1

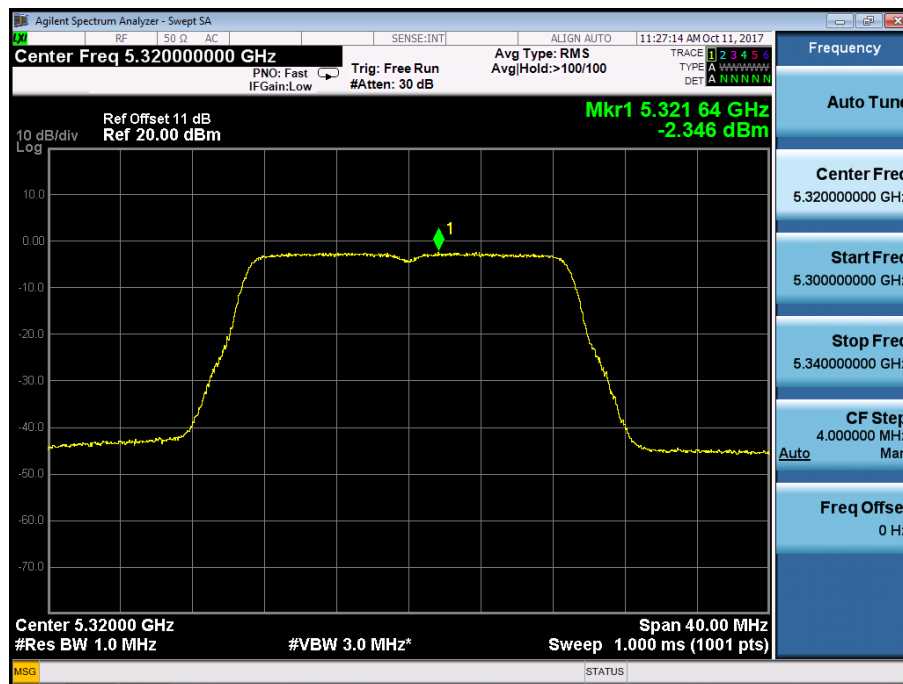


Power Spectral Density
Test Model 802.11ac(VHT20) mode
Ant0

UNII Band II-A
Frequency(MHz) 5320

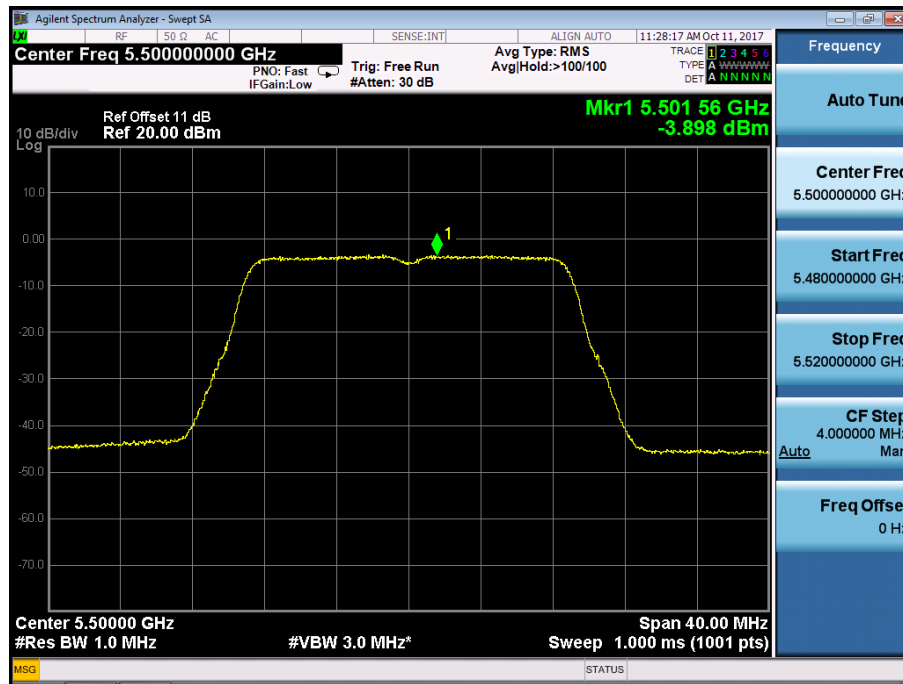


Ant1

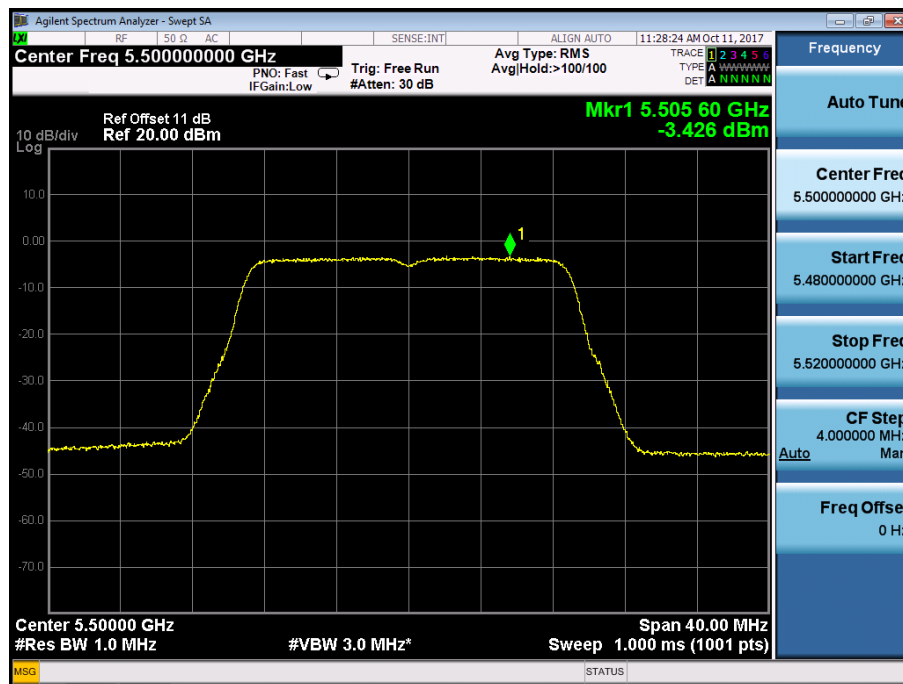


Power Spectral Density
Test Model 802.11ac(VHT20) mode
Ant0

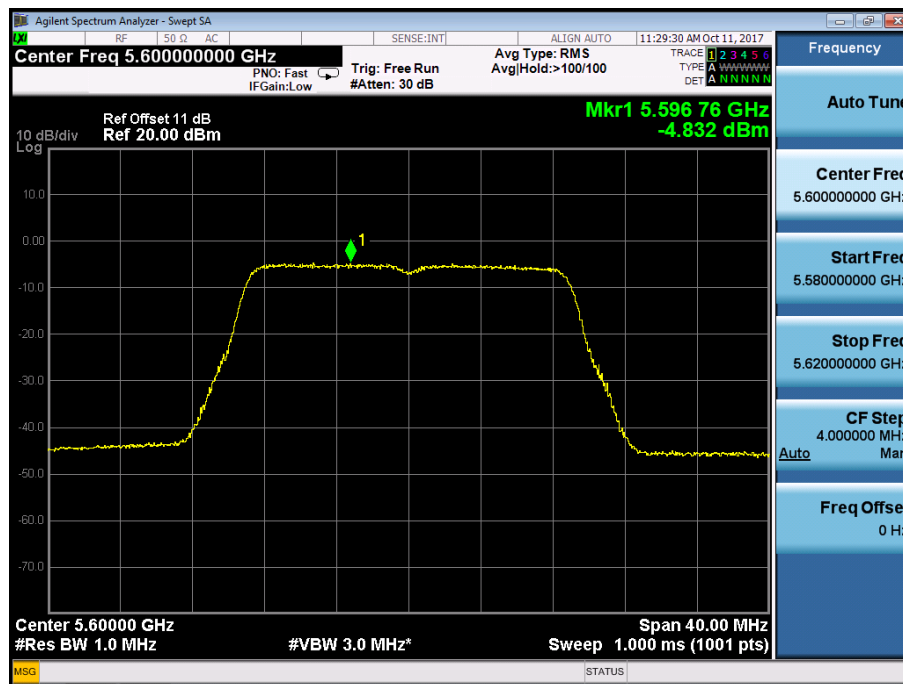
UNII Band II-C
Frequency(MHz) 5500



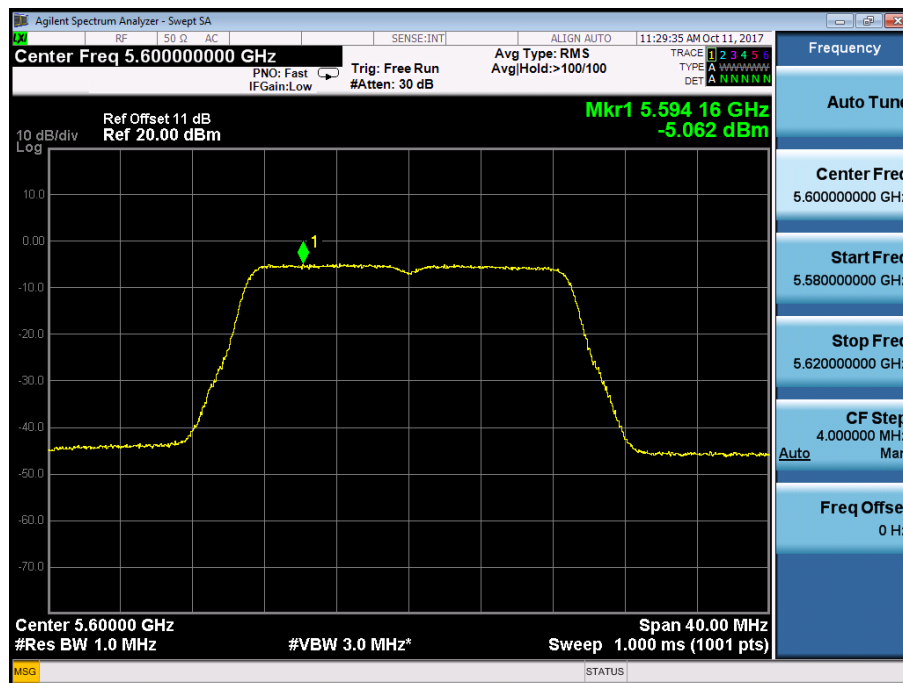
Ant1



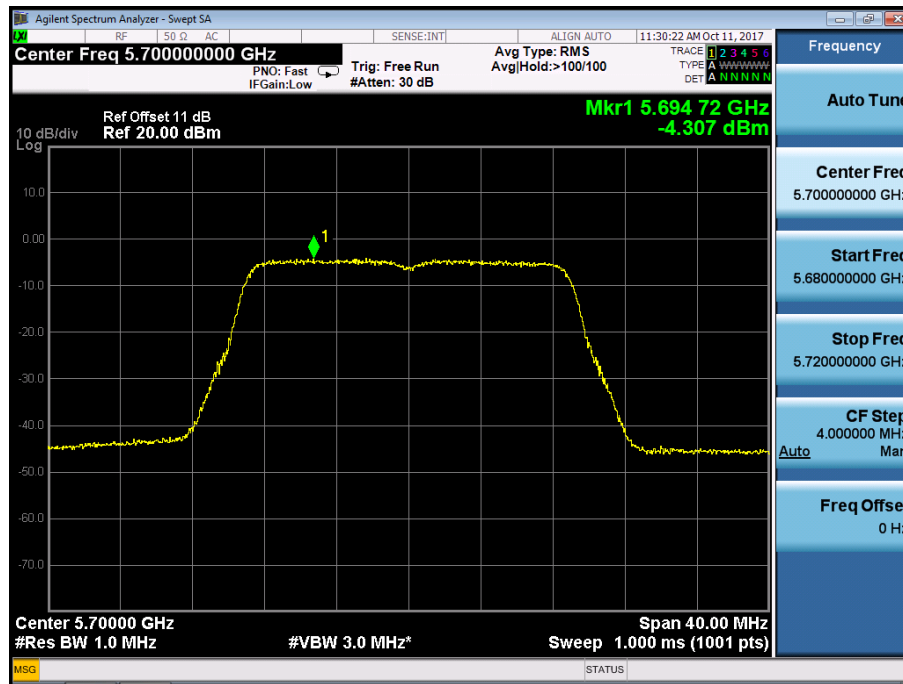
Power Spectral Density UNII Band II-C
Test Model 802.11ac(VHT20) mode Frequency(MHz) 5600
Ant0



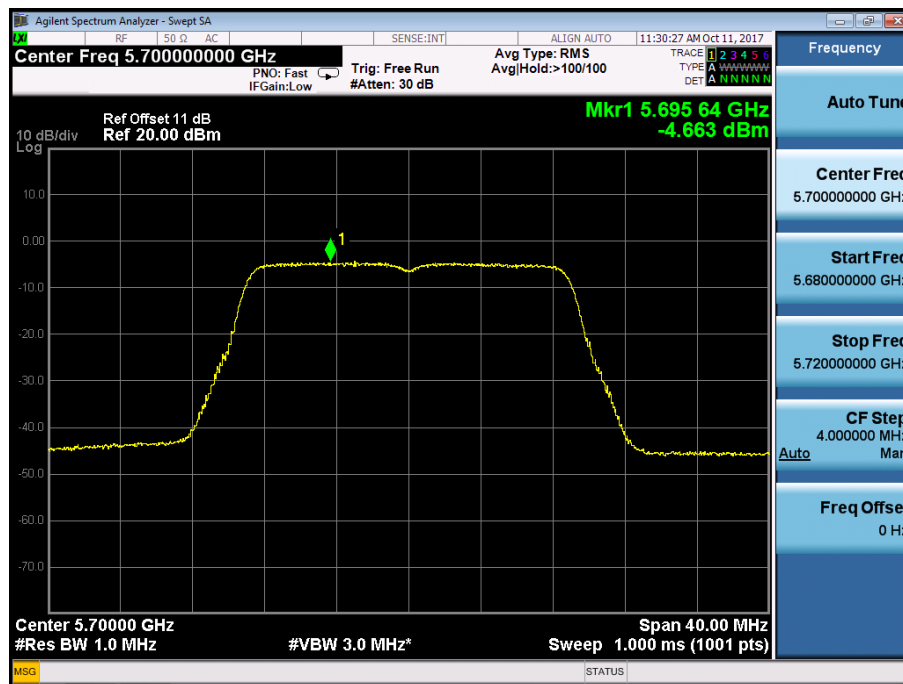
Ant1



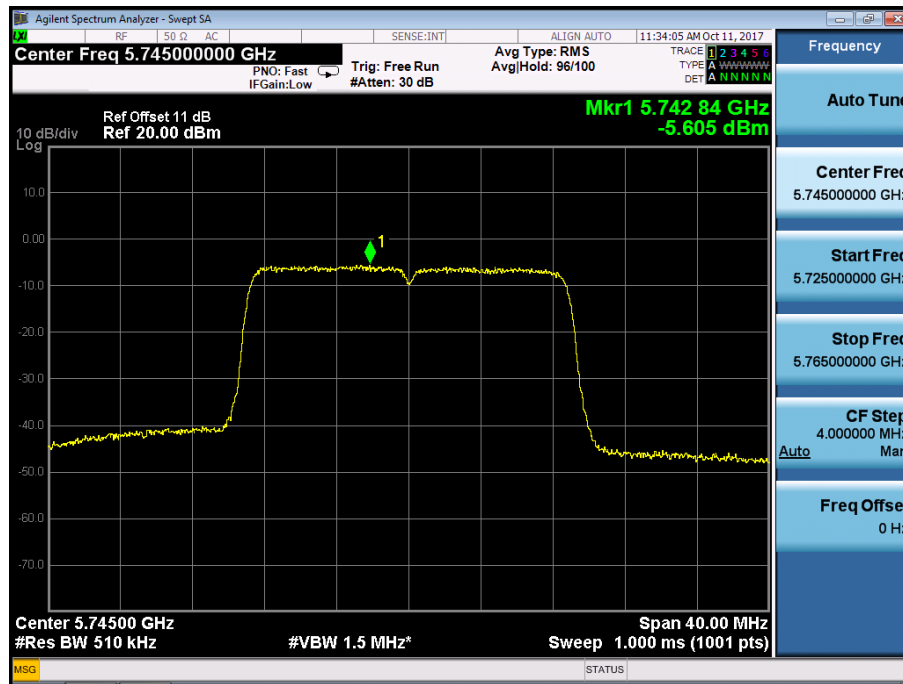
Power Spectral Density	UNII Band II-C
Test Model 802.11ac(VHT20) mode	Frequency(MHz) 5700
Ant0	



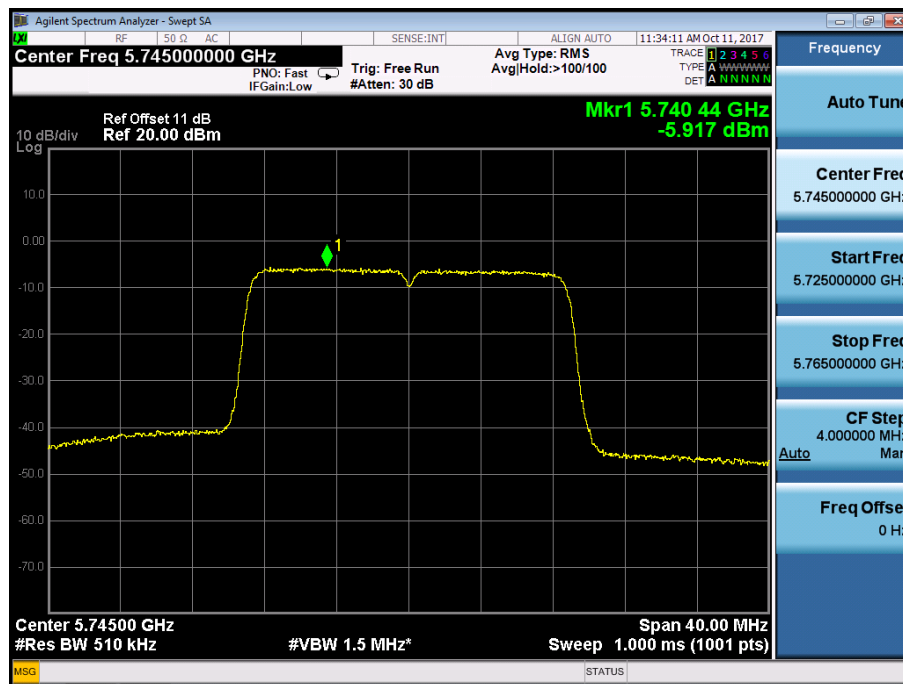
Ant1



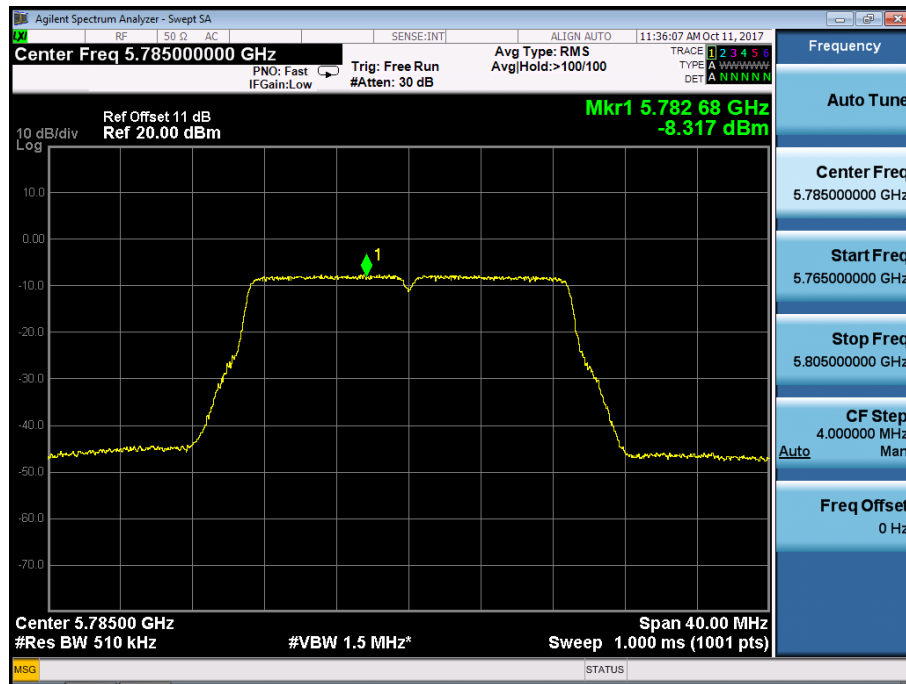
Power Spectral Density UNII Band III
Test Model 802.11ac(VHT20) mode Frequency(MHz) 5745
Ant0



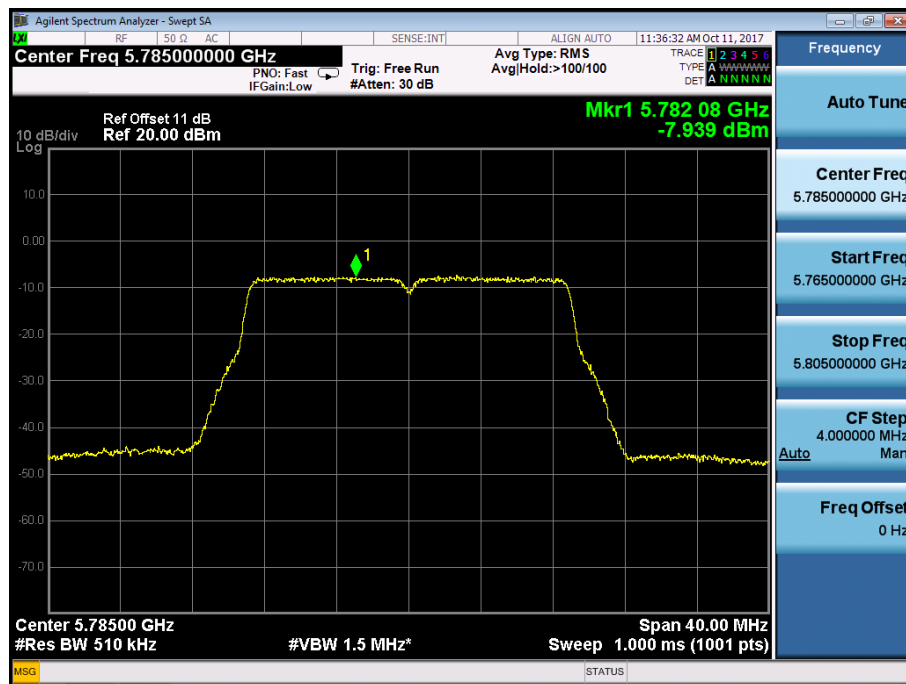
Ant1



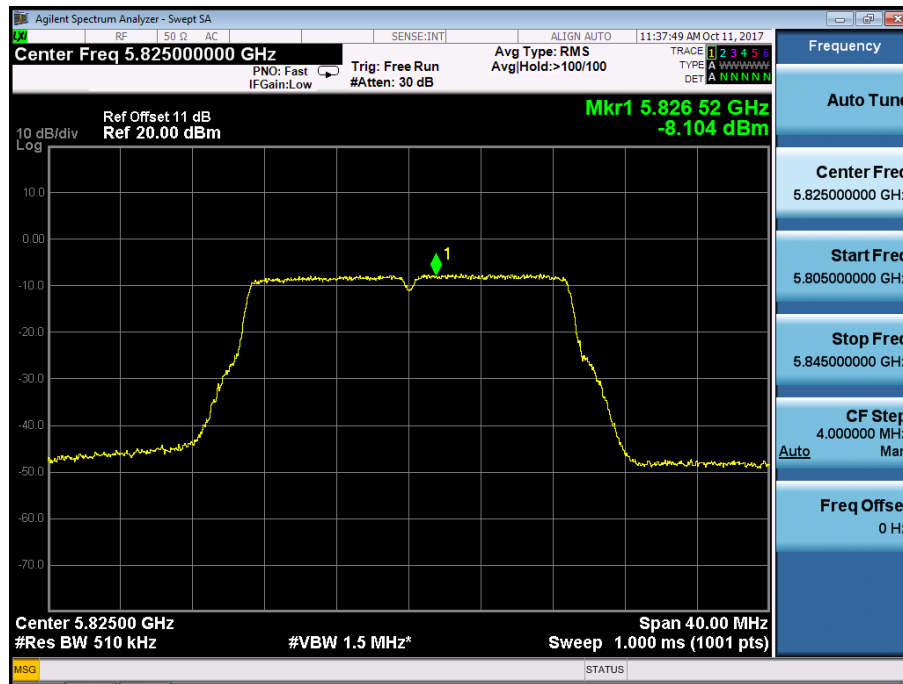
Power Spectral Density	UNII Band III
Test Model 802.11ac(VHT20) mode	Frequency(MHz) 5785
Ant0	



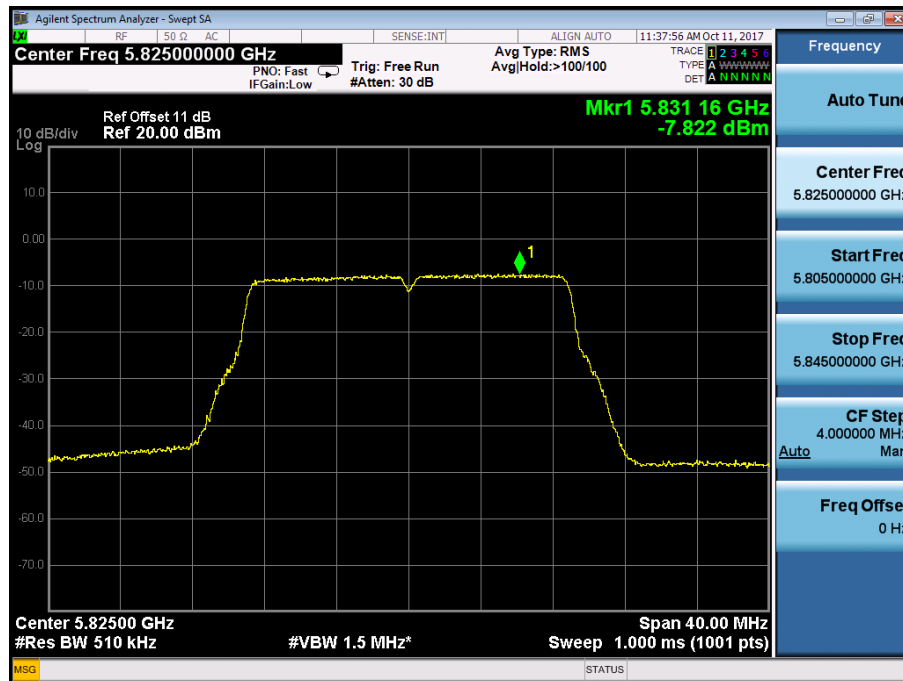
Ant1



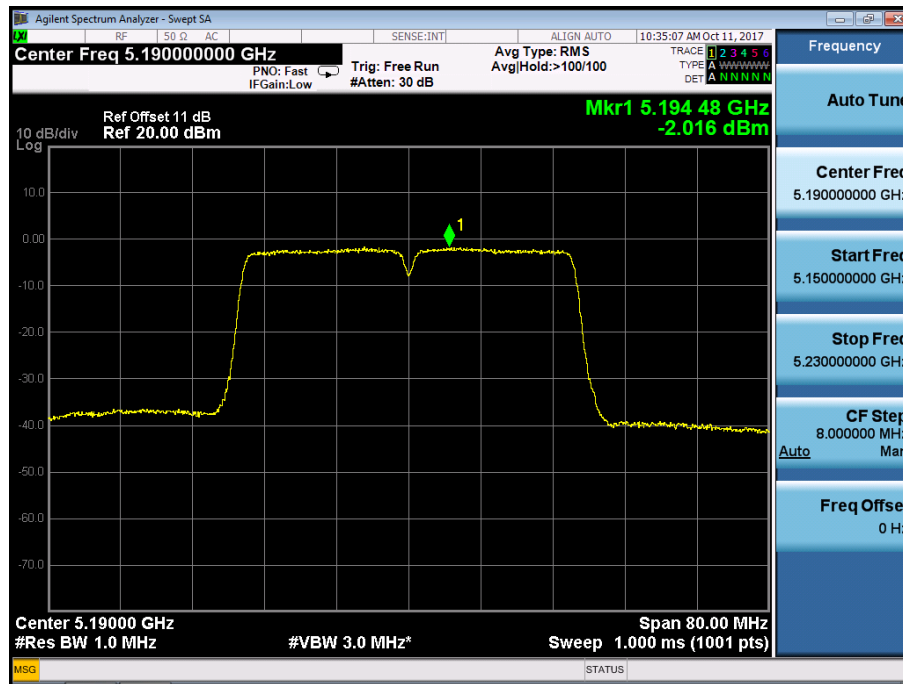
Power Spectral Density	UNII Band III
Test Model 802.11ac(VHT20) mode	Frequency(MHz) 5825
Ant0	



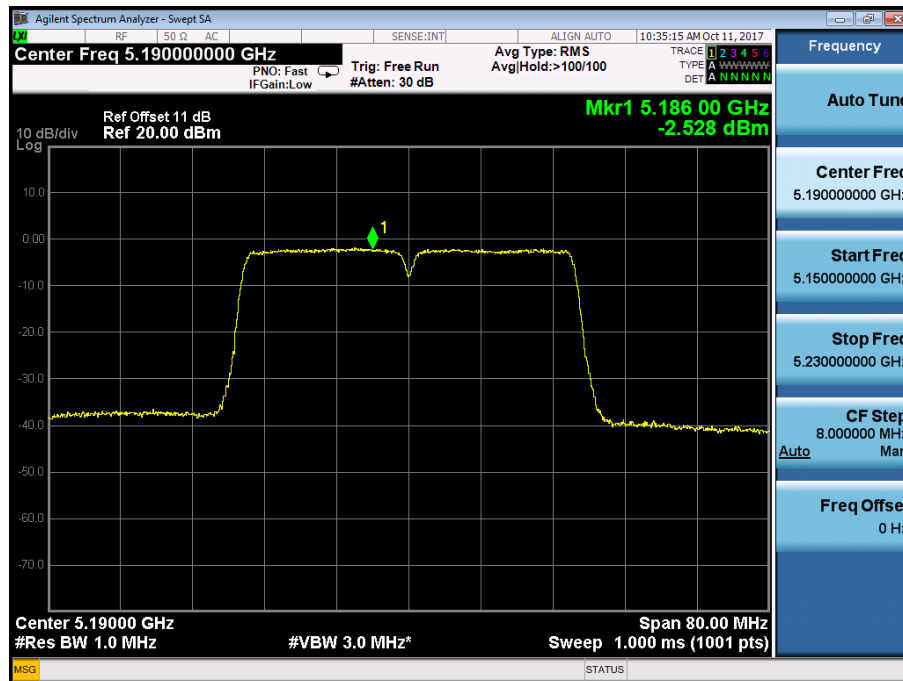
Ant1



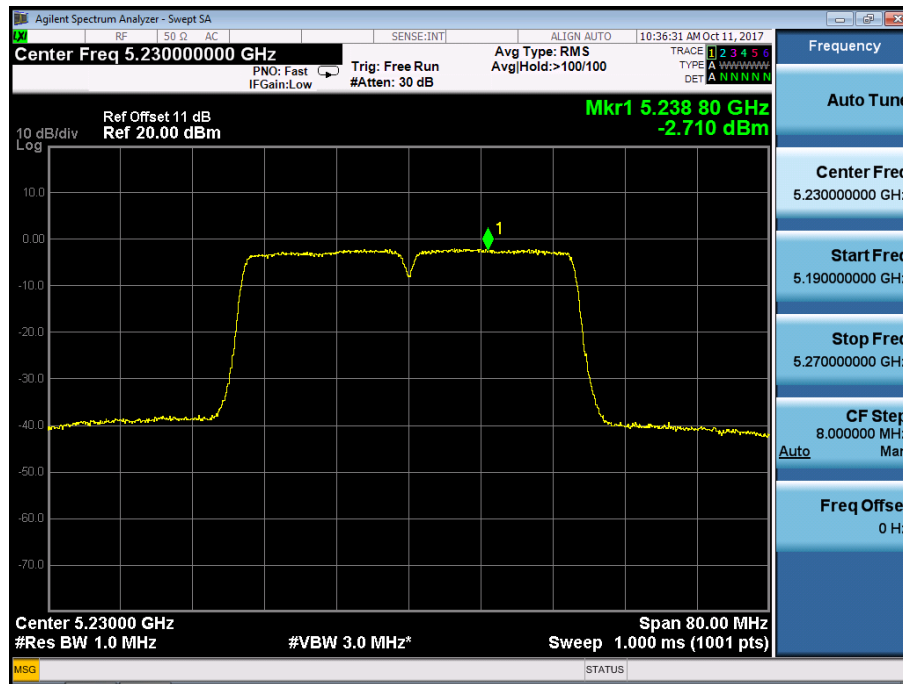
Power Spectral Density UNII Band I
Test Model 802.11n(VHT40) mode Frequency(MHz) 5190
Ant0



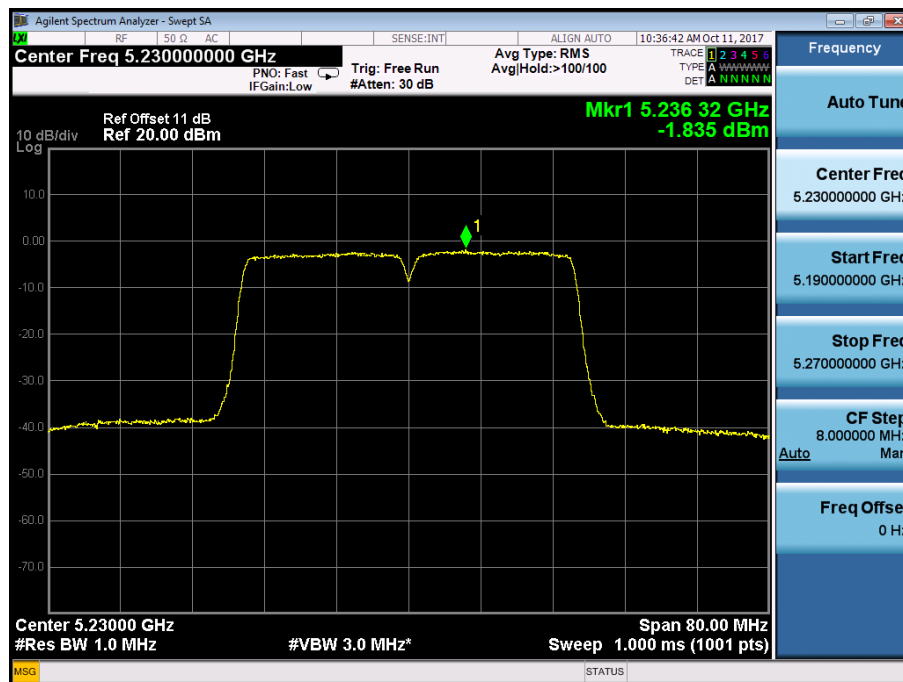
Ant1



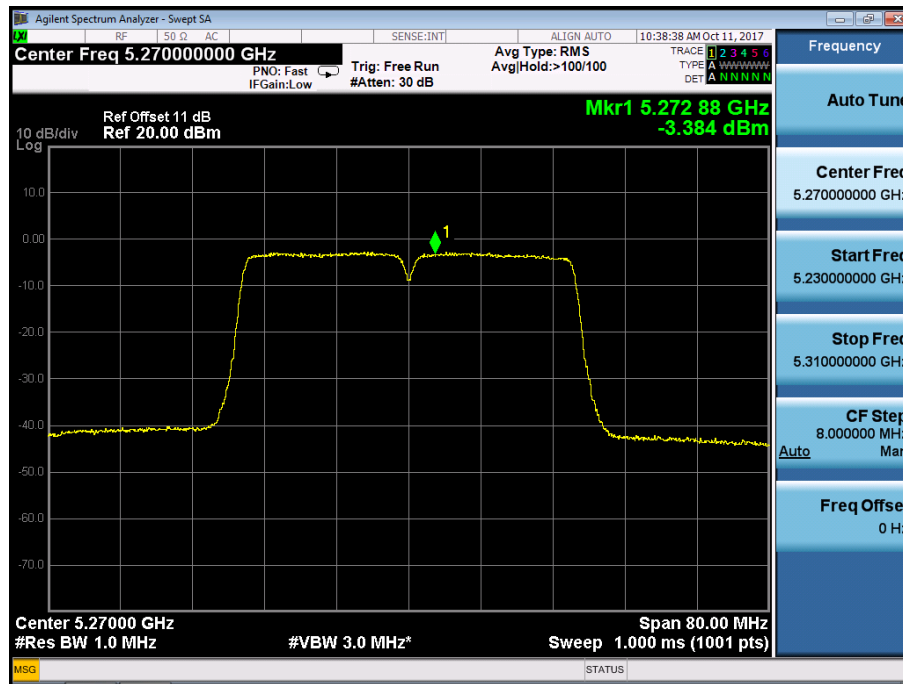
Power Spectral Density UNII Band I
Test Model 802.11n(VHT40) mode Frequency(MHz) 5230
Ant0



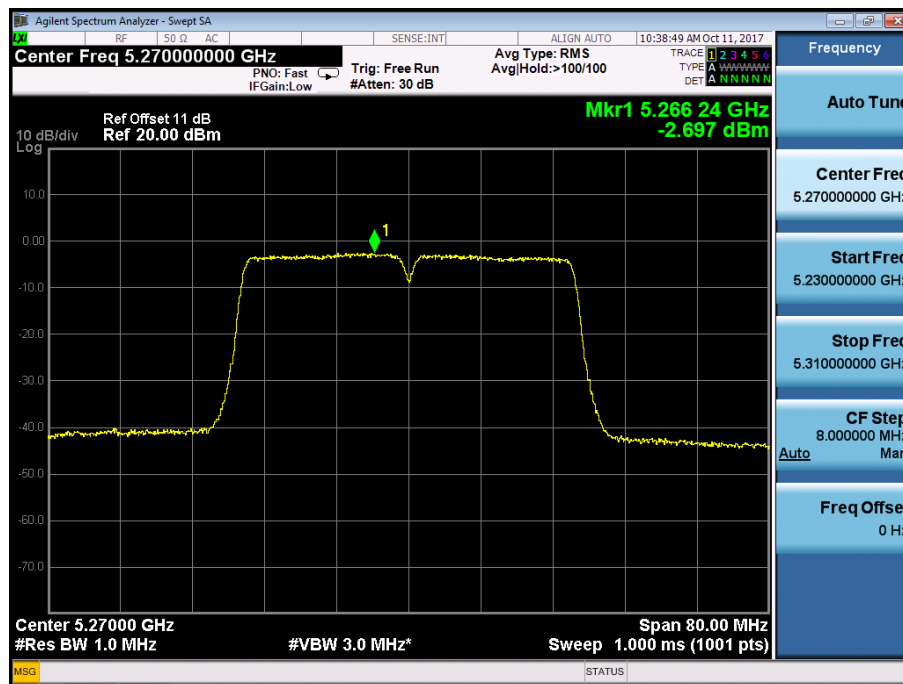
Ant1



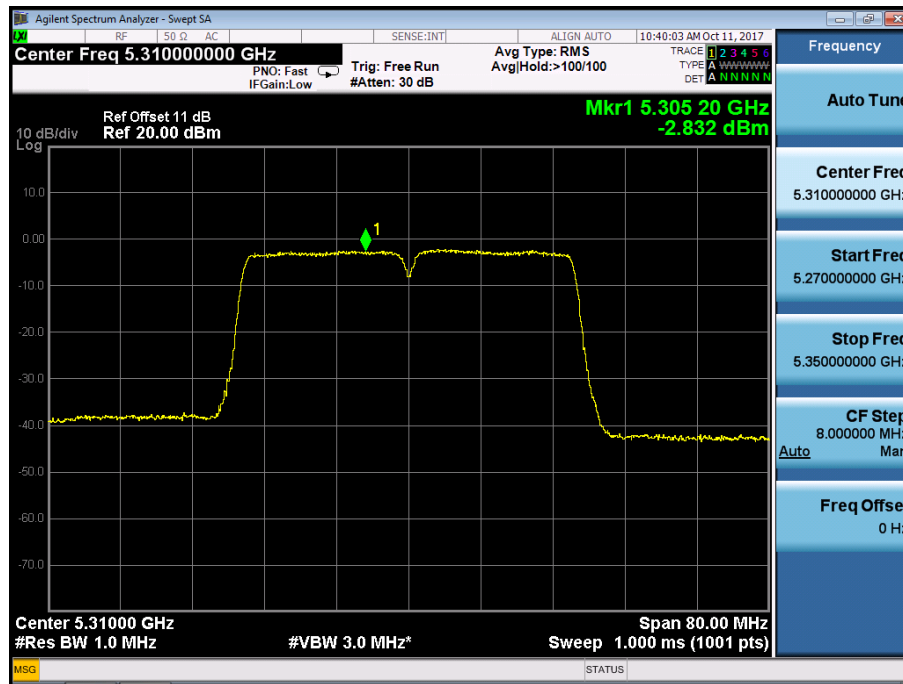
Power Spectral Density UNII Band II-A
Test Model 802.11n(VHT40) mode Frequency(MHz) 5270
Ant0



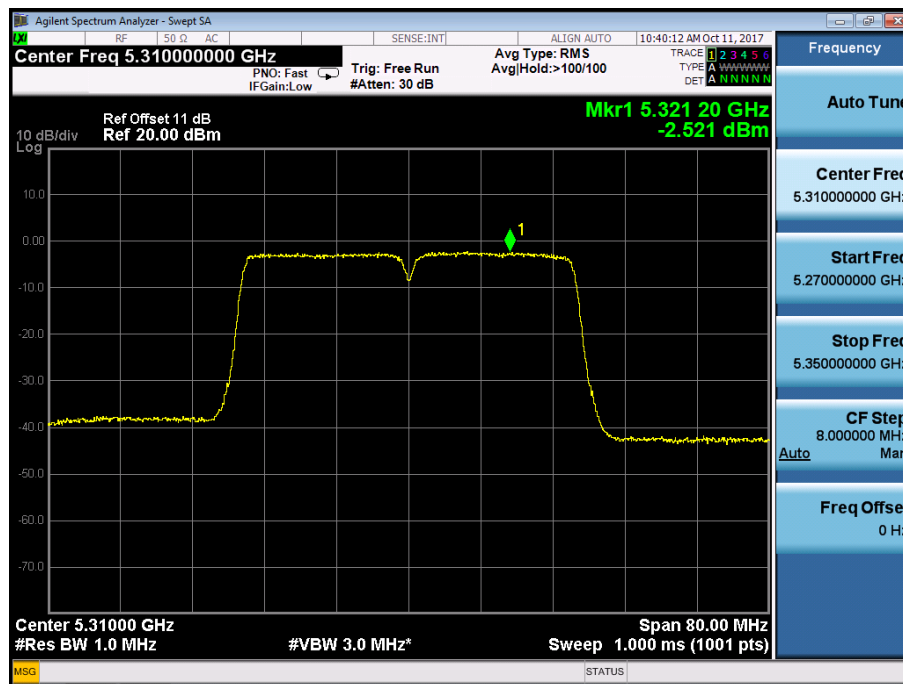
Ant1



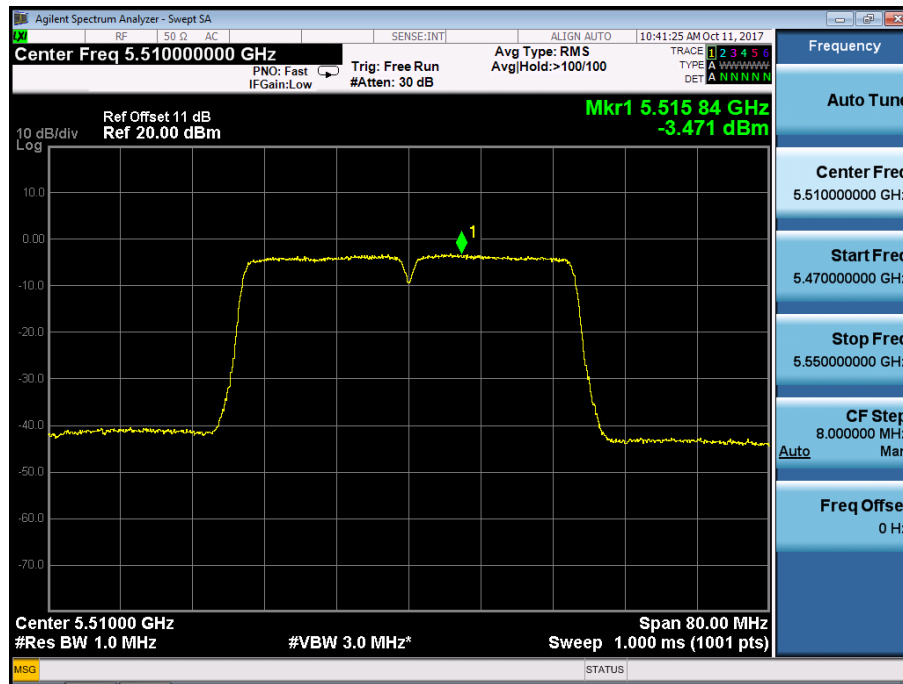
Power Spectral Density UNII Band II-A
Test Model 802.11n(VHT40) mode Frequency(MHz) 5310
Ant0



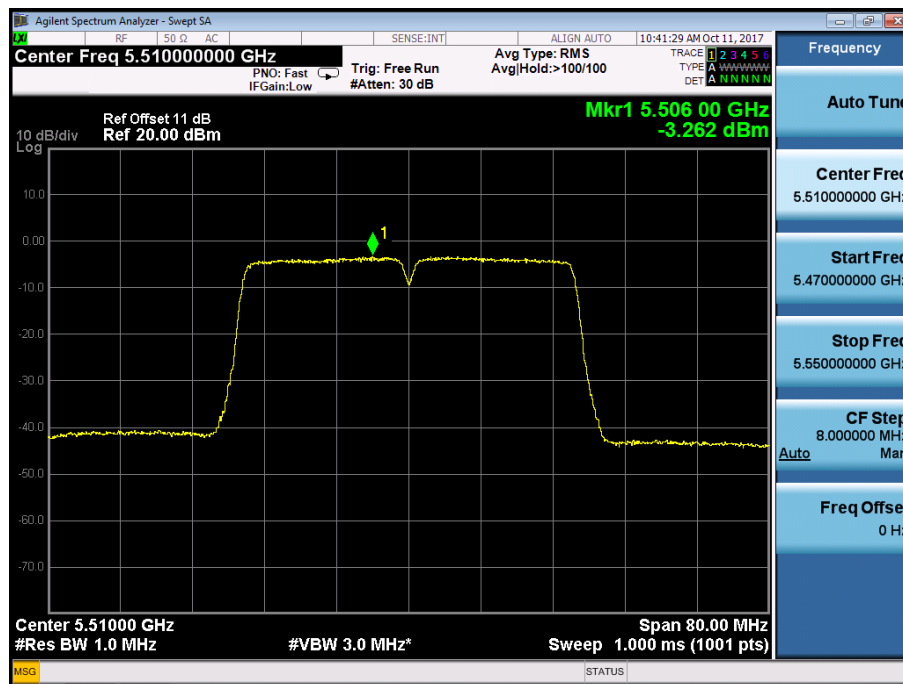
Ant1



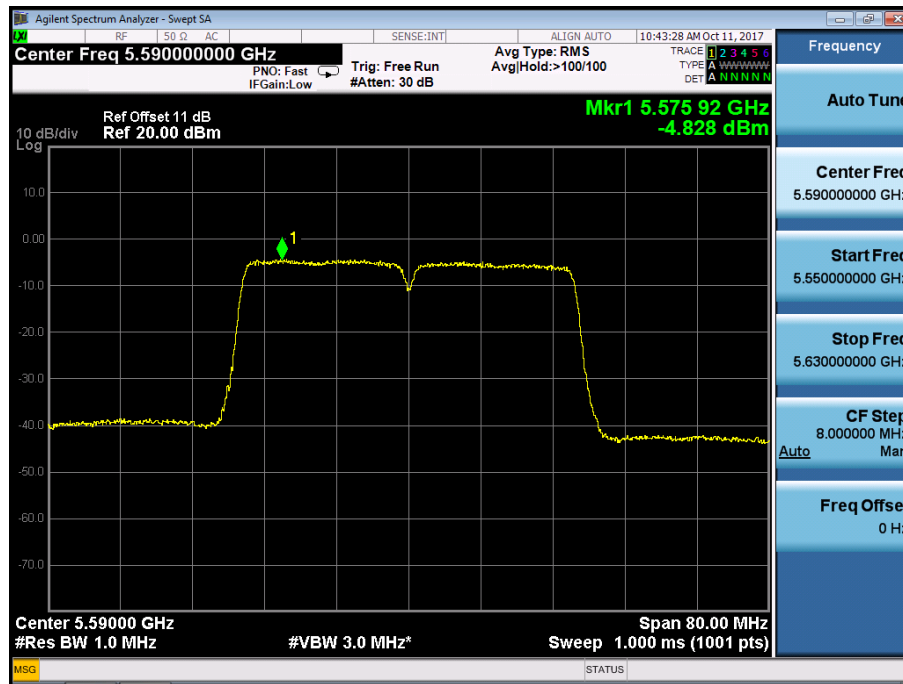
Power Spectral Density	UNII Band II-C
Test Model 802.11n(VHT40) mode	Frequency(MHz) 5510
Ant0	



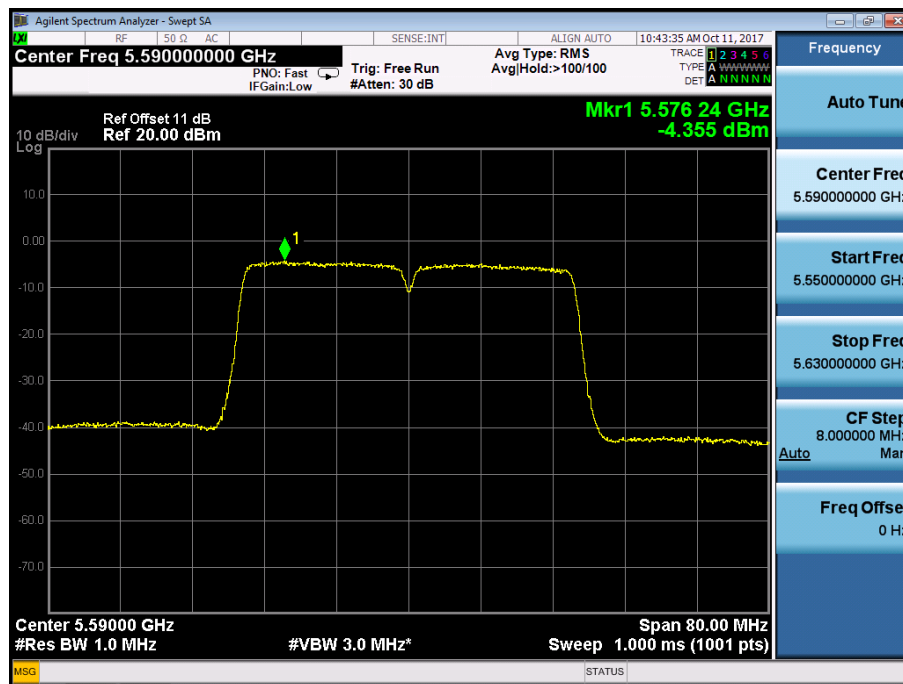
Ant1



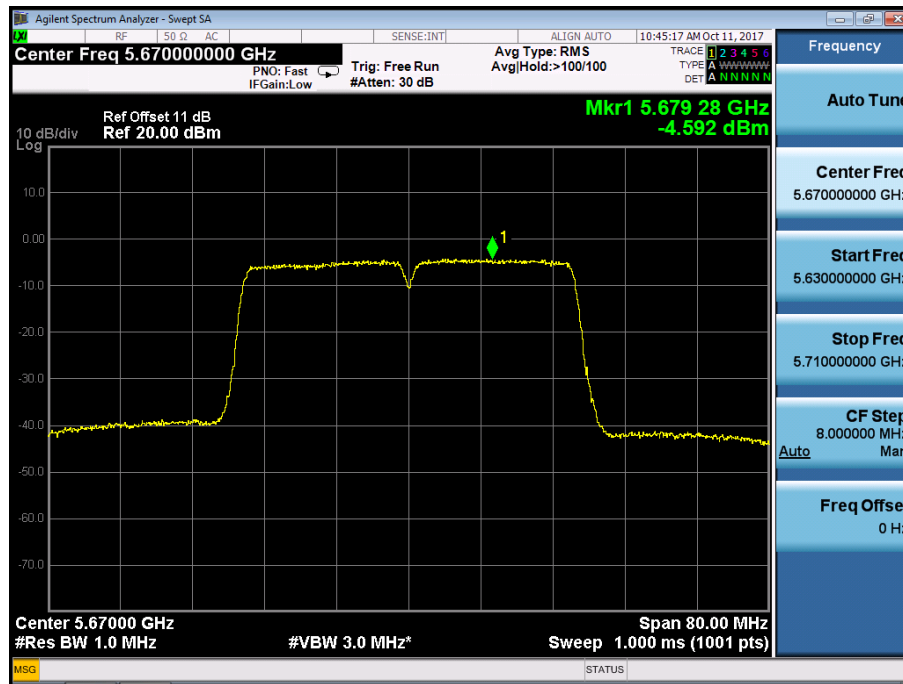
Power Spectral Density UNII Band II-C
Test Model 802.11n(VHT40) mode Frequency(MHz) 5590
Ant0



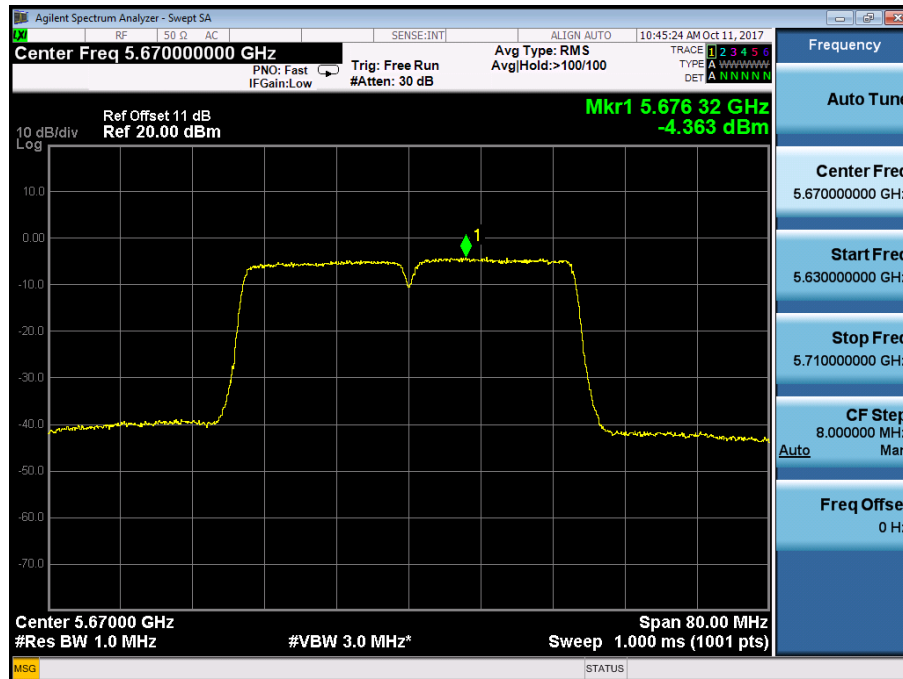
Ant1



Power Spectral Density	UNII Band II-C
Test Model 802.11n(VHT40) mode	Frequency(MHz) 5670
Ant0	

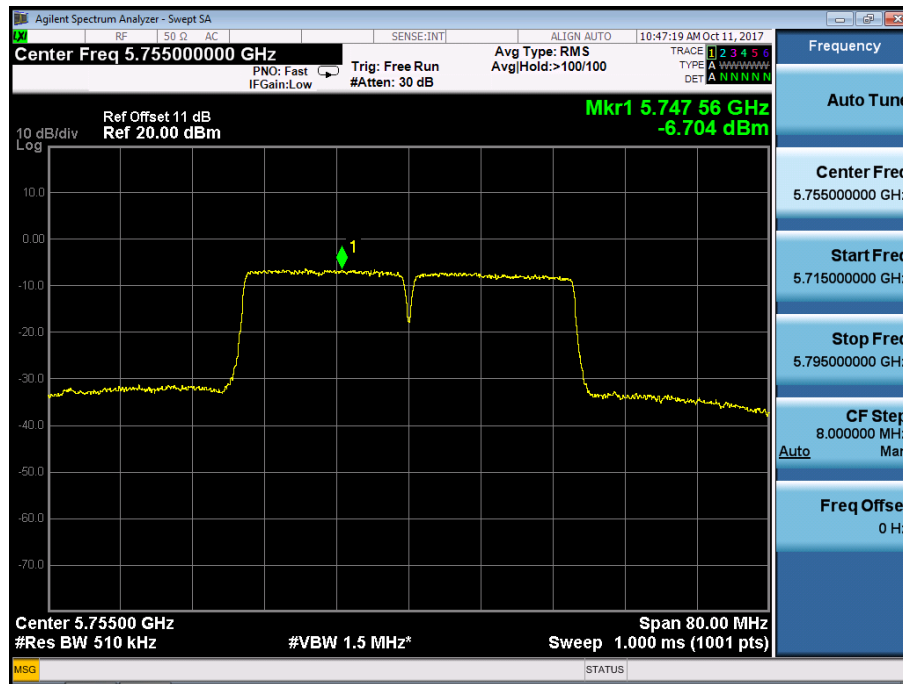


Ant1

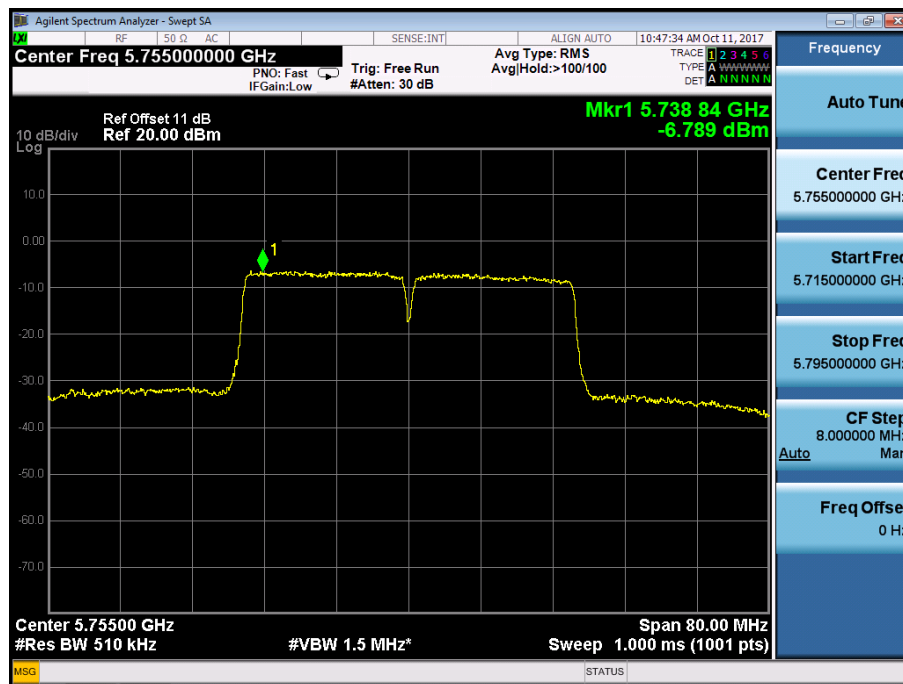


Power Spectral Density
Test Model 802.11n(VHT40) mode
Ant0

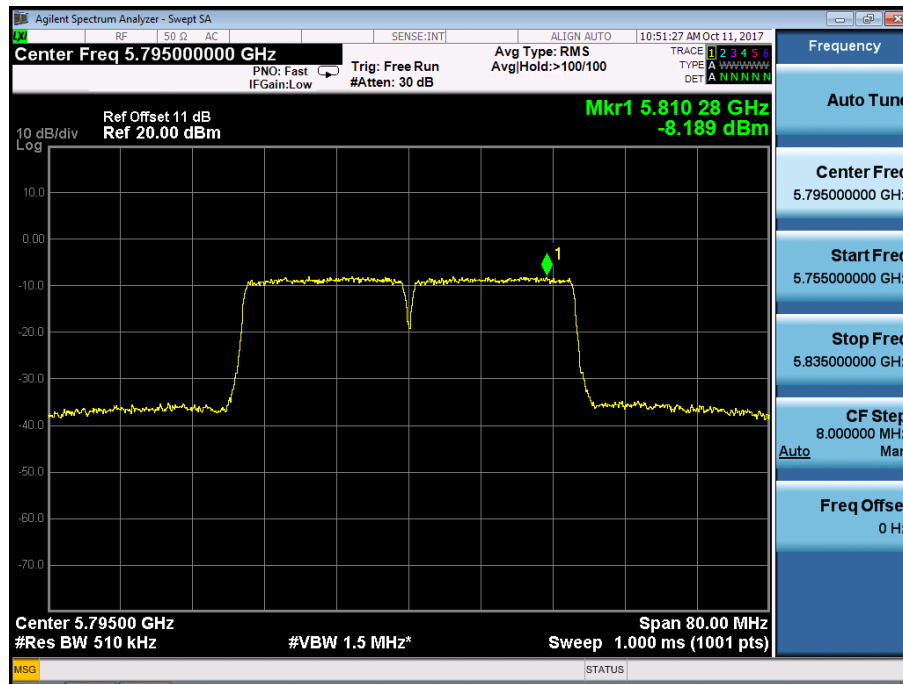
UNII Band III
Frequency(MHz) 5755



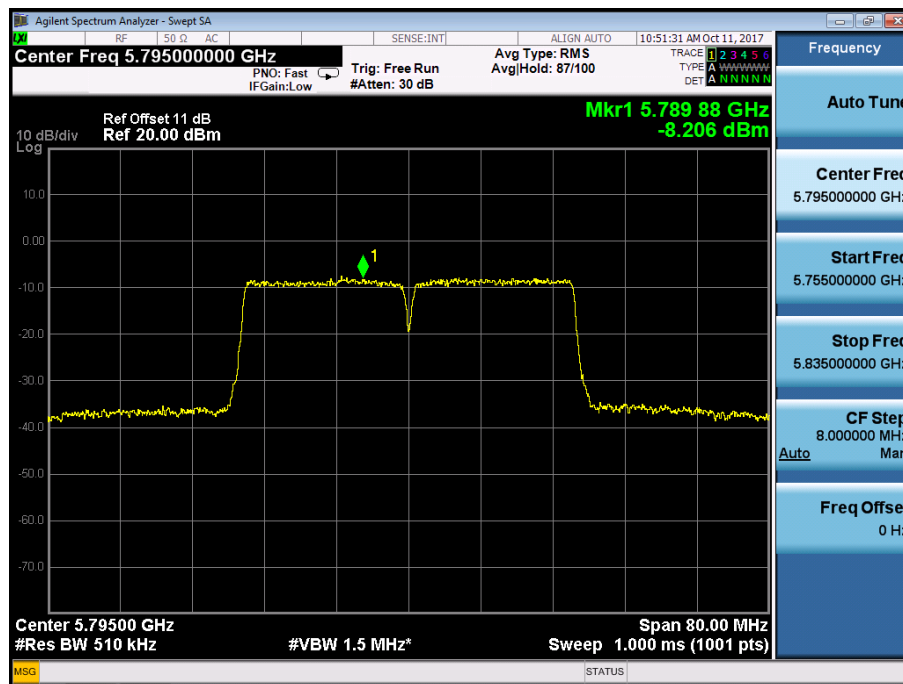
Ant1



Power Spectral Density UNII Band III
Test Model 802.11n(VHT40) mode Frequency(MHz) 5795
Ant0

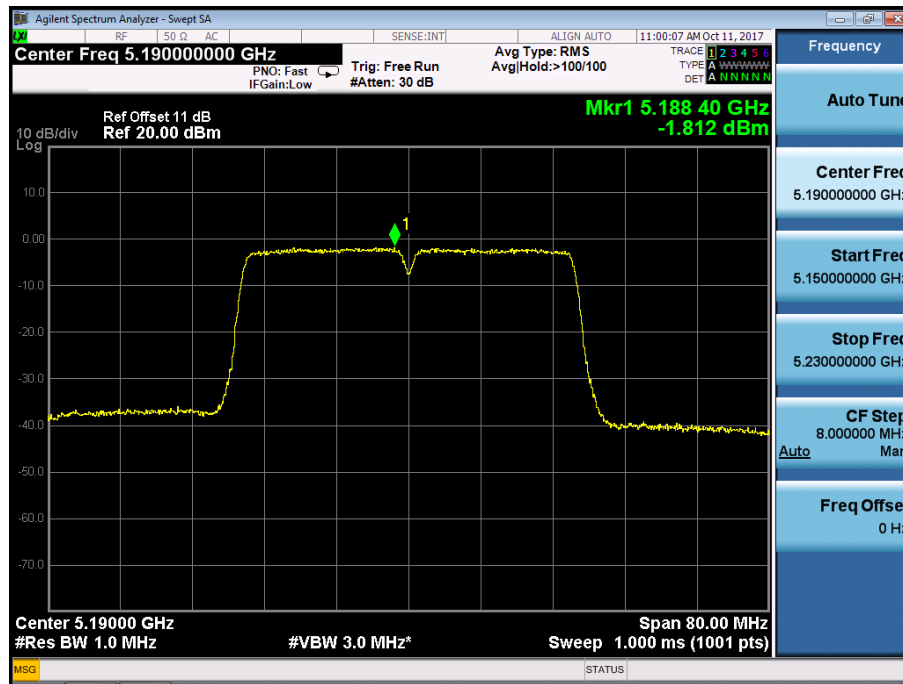


Ant1

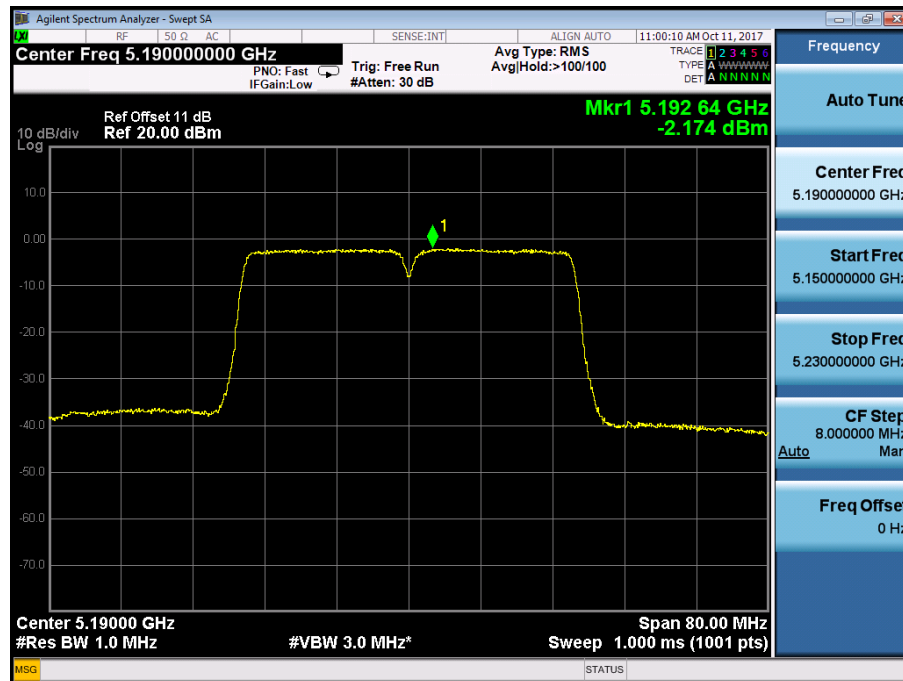


Power Spectral Density
Test Model 802.11ac(VHT40) mode
Ant0

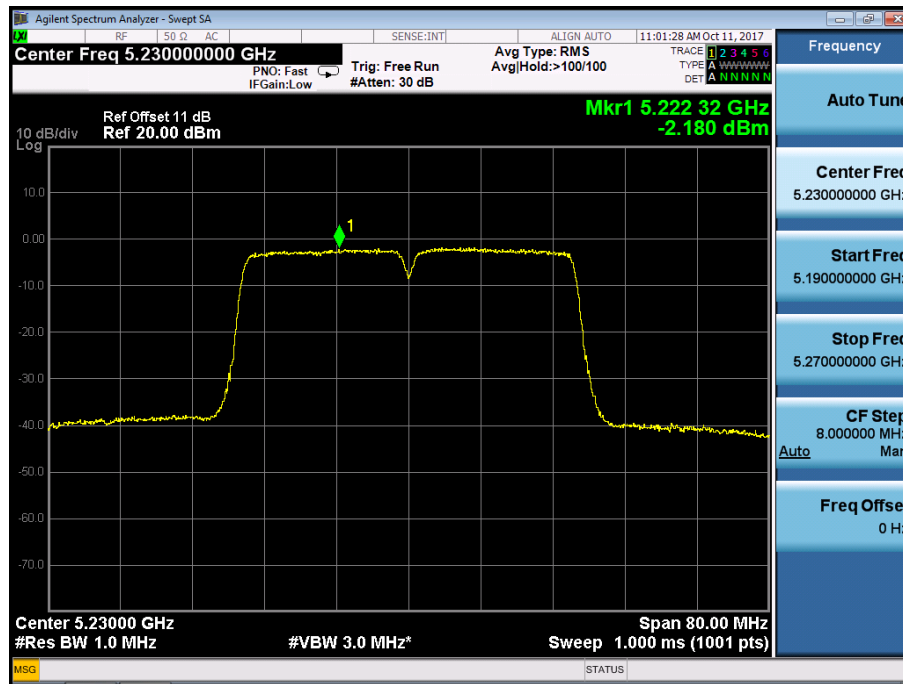
UNII Band I
Frequency(MHz) 5190



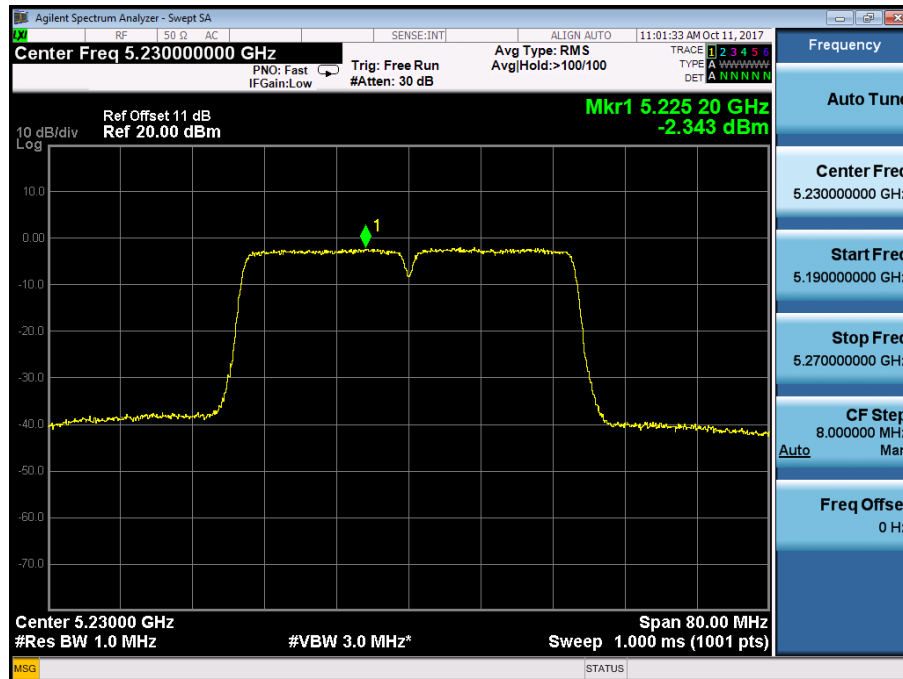
Ant1



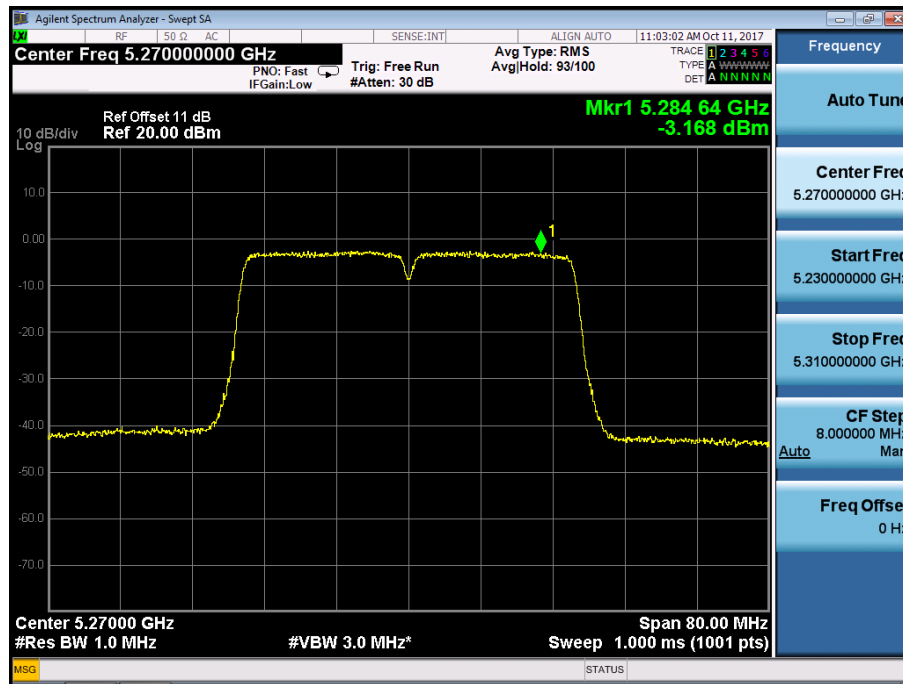
Power Spectral Density	UNII Band I
Test Model 802.11ac(VHT40) mode	Frequency(MHz) 5230
Ant0	



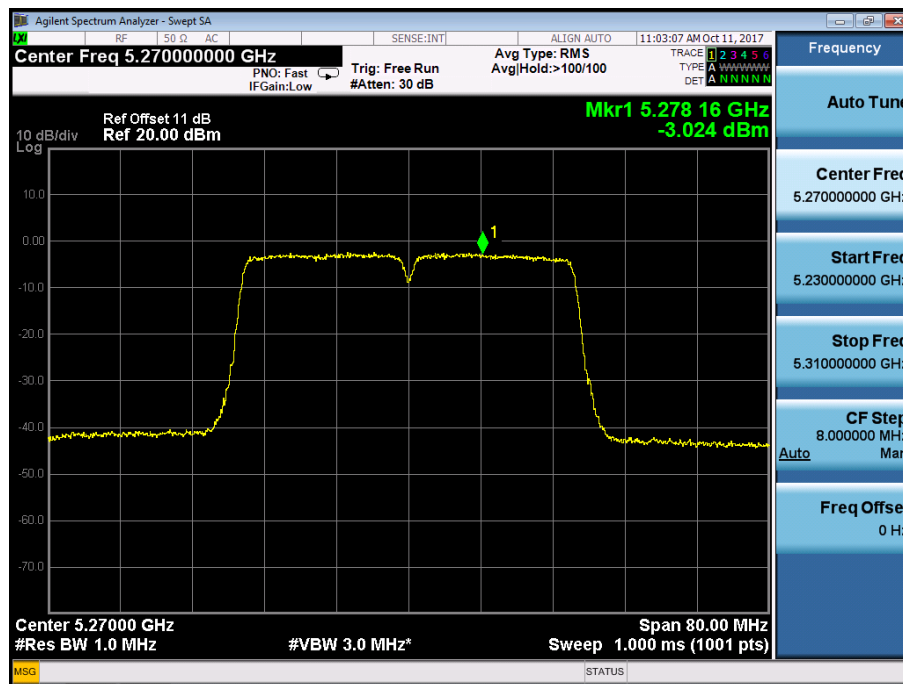
Ant1



Power Spectral Density UNII Band II-A
Test Model 802.11ac(VHT40) mode Frequency(MHz) 5270
Ant0

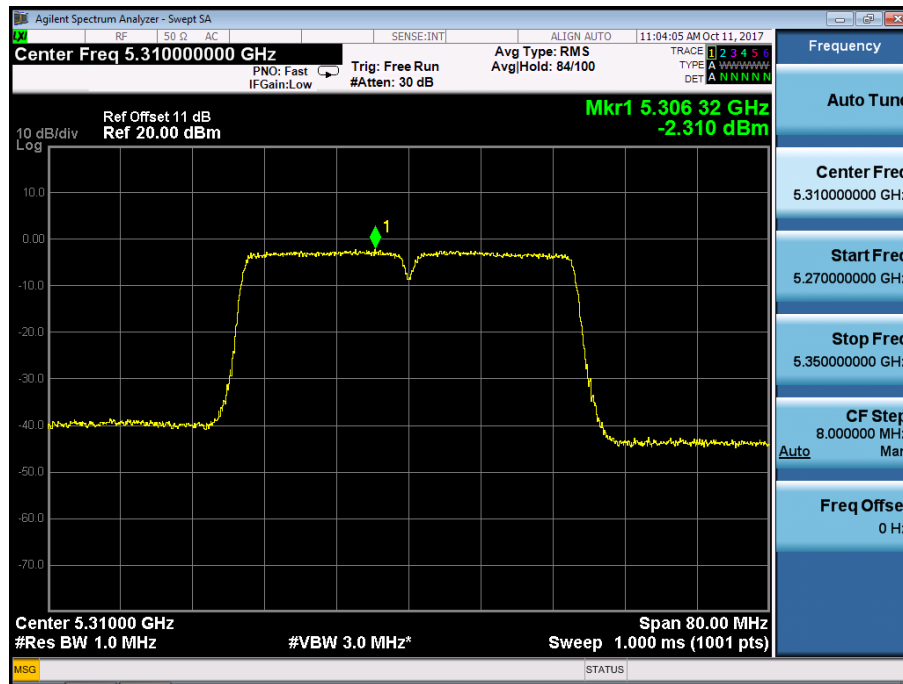


Ant1

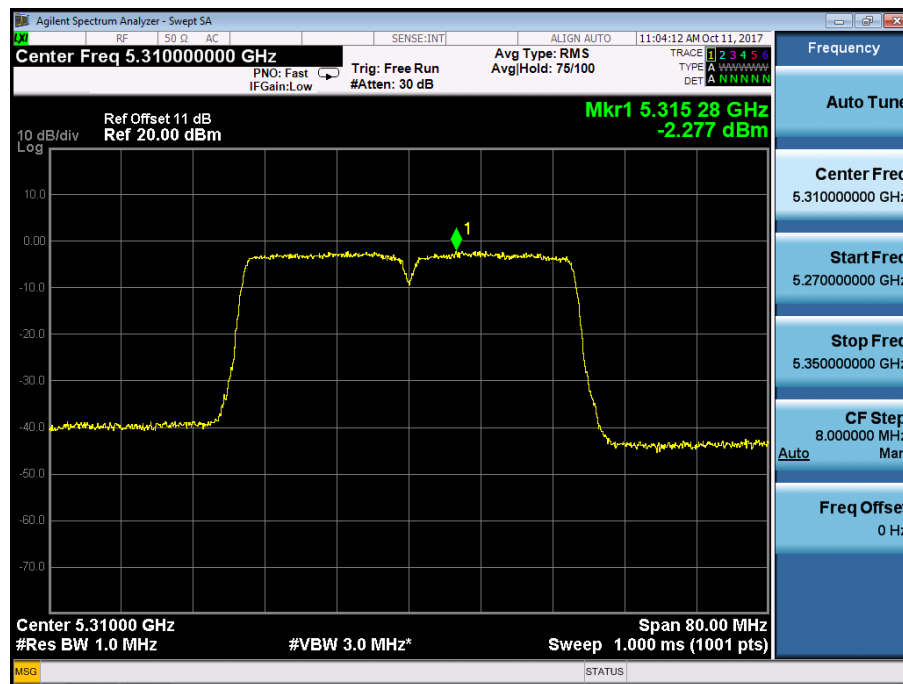


Power Spectral Density
Test Model 802.11ac(VHT40) mode
Ant0

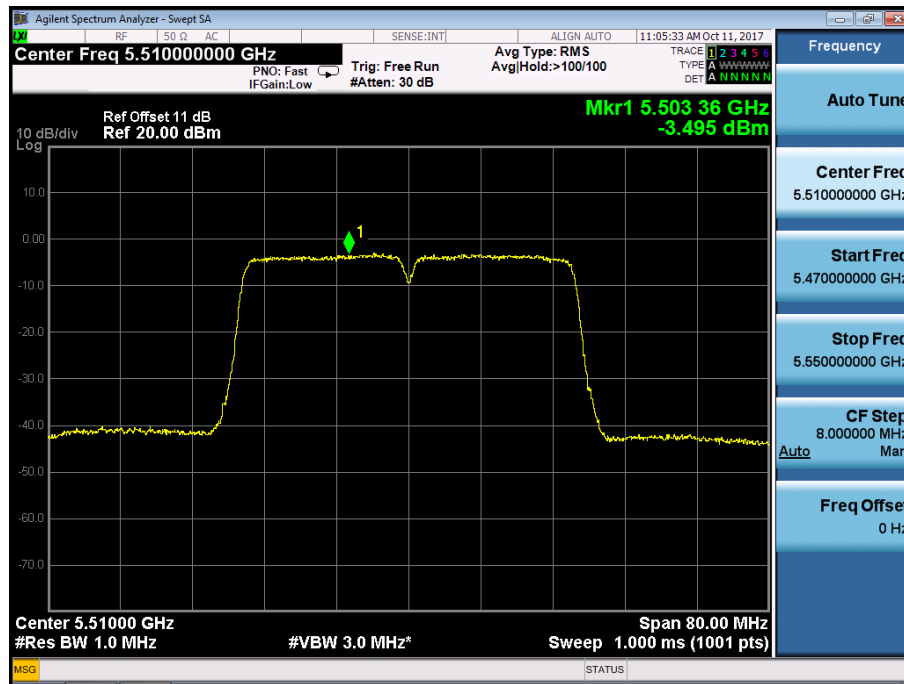
UNII Band II-A
Frequency(MHz) 5310



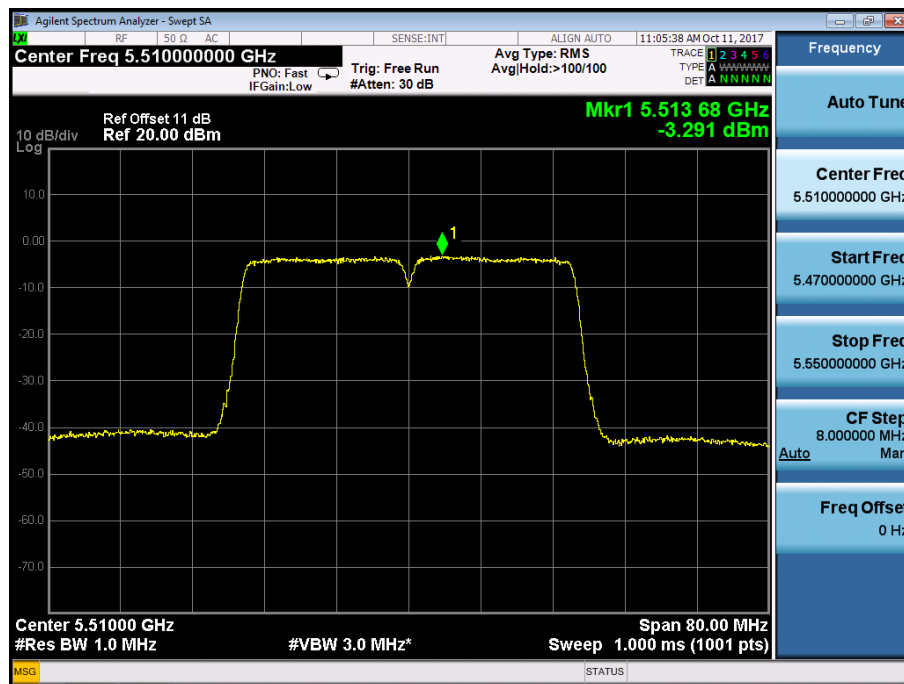
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Power Spectral Density	UNII Band II-C
Test Model 802.11ac(VHT40) mode	Frequency(MHz) 5510
Ant0	

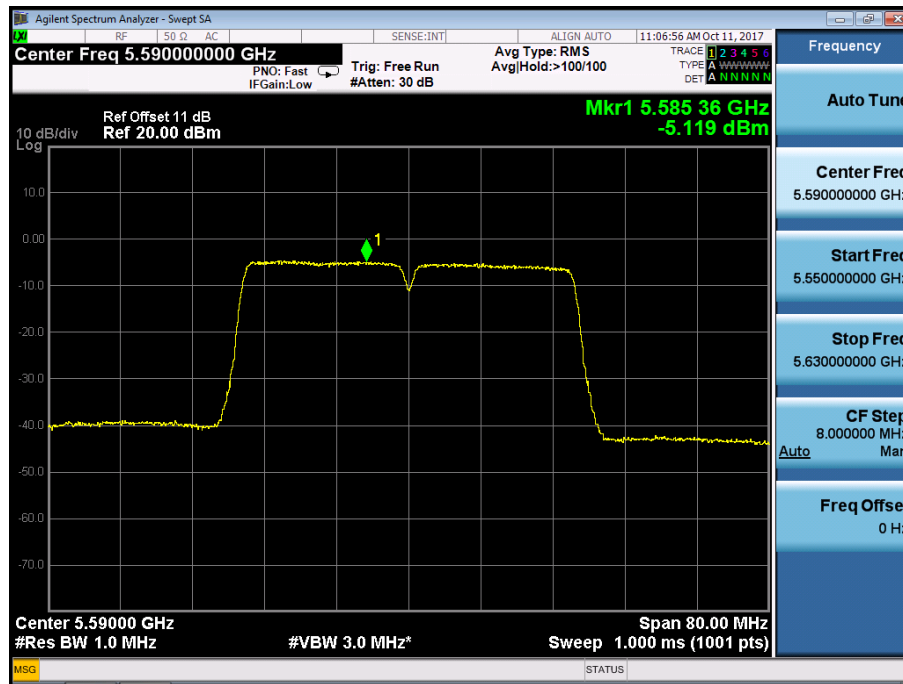


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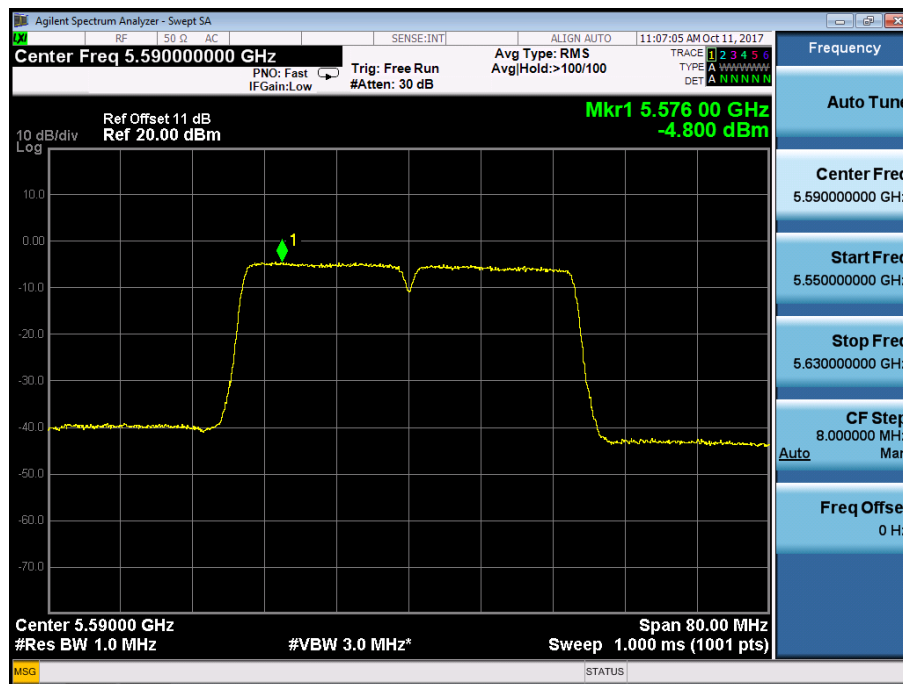


Power Spectral Density
Test Model 802.11ac(VHT40) mode
Ant0

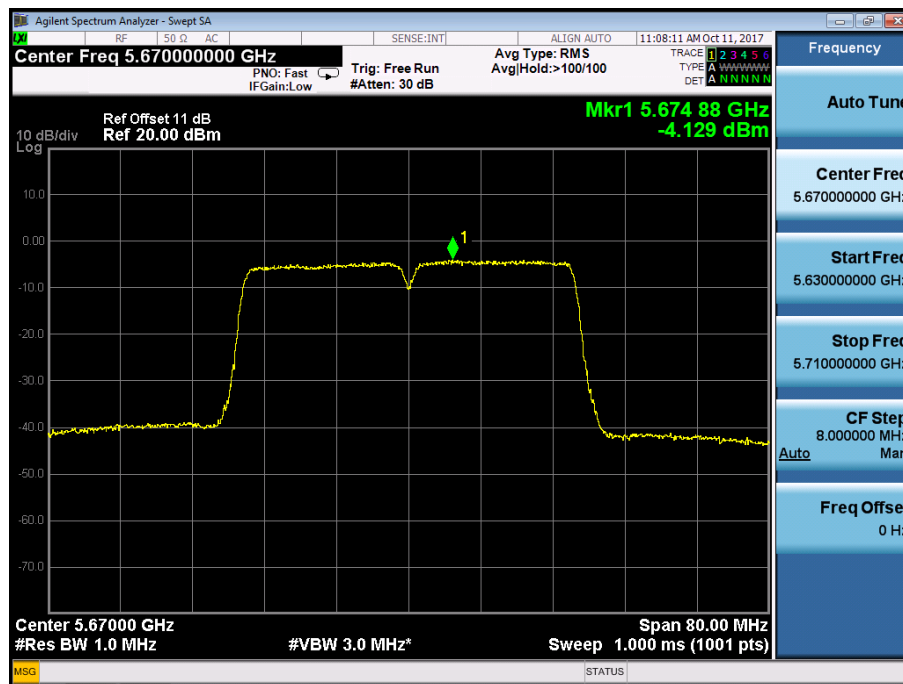
UNII Band II-C
Frequency(MHz) 5590



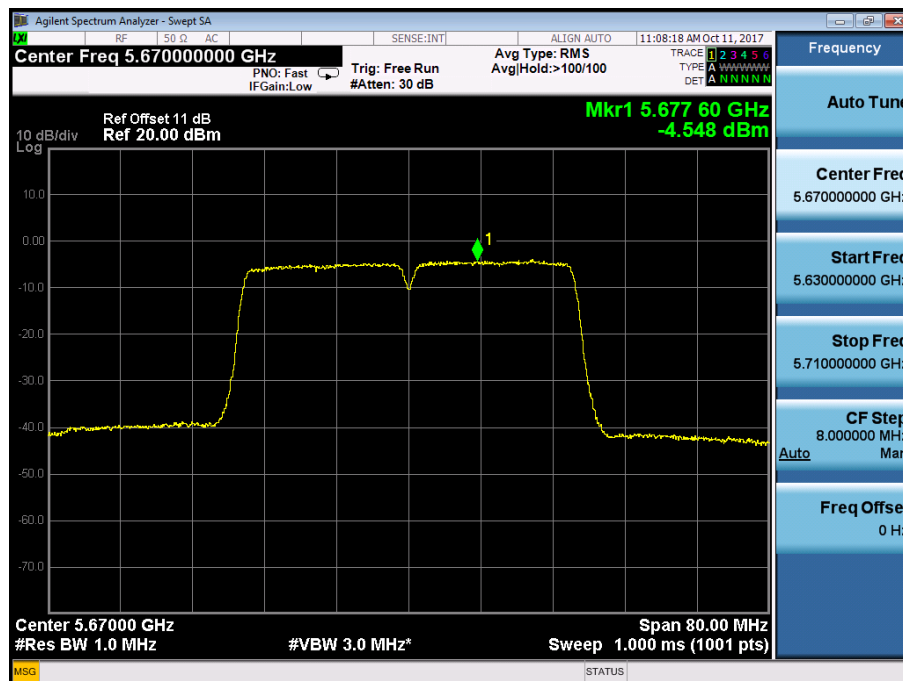
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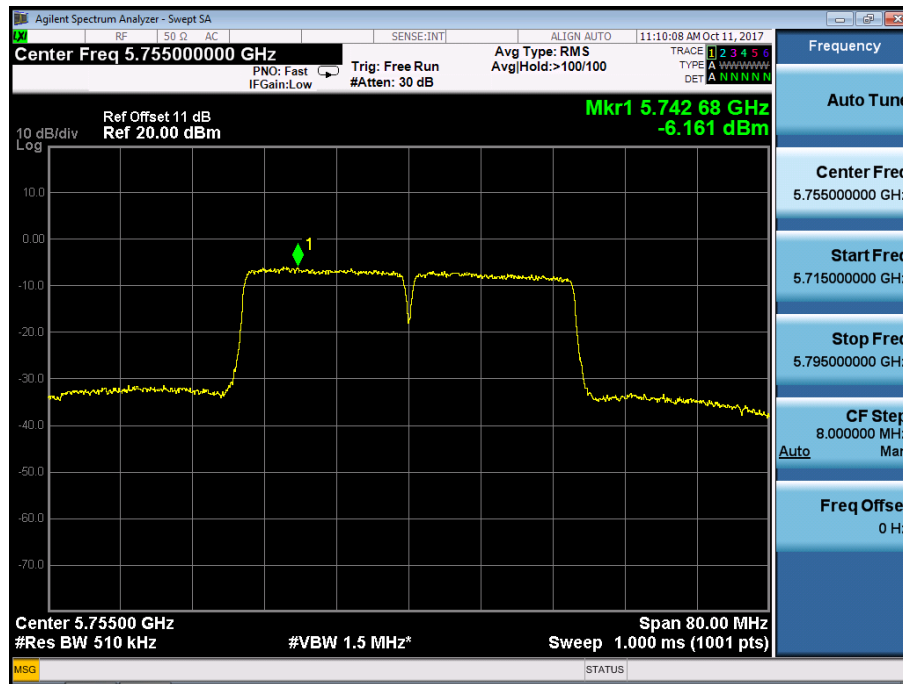
Power Spectral Density UNII Band II-C
Test Model 802.11ac(VHT40) mode Frequency(MHz) 5670
Ant0



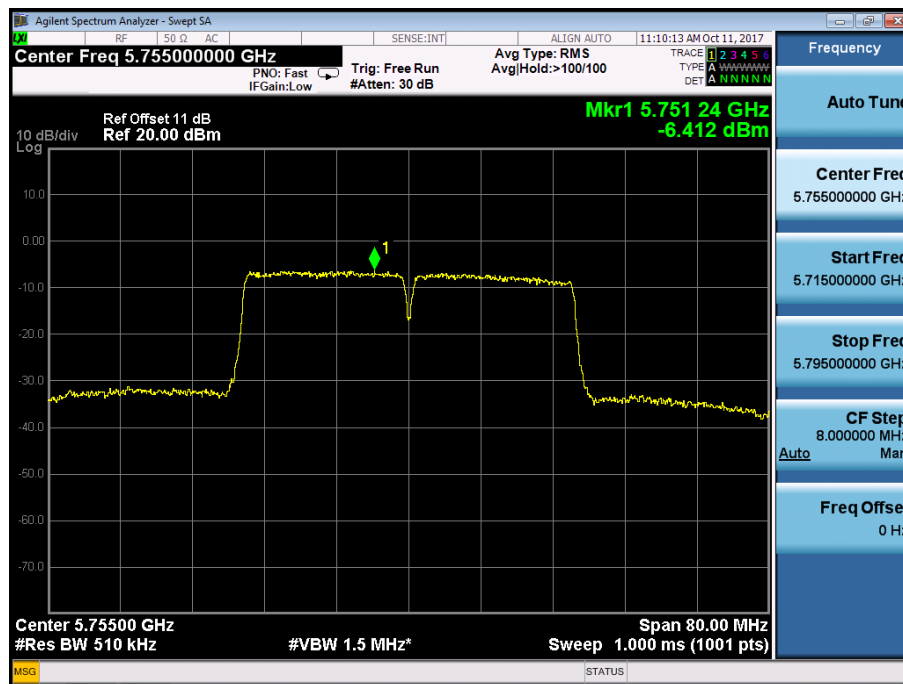
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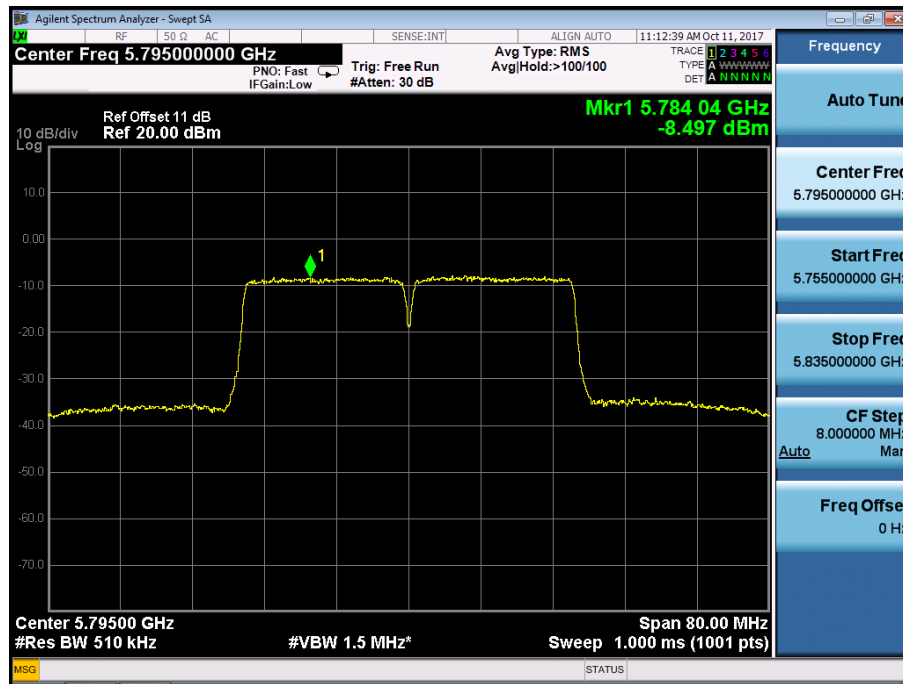
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Test Model 802.11ac(VHT40) mode Frequency(MHz) 5755
Ant0



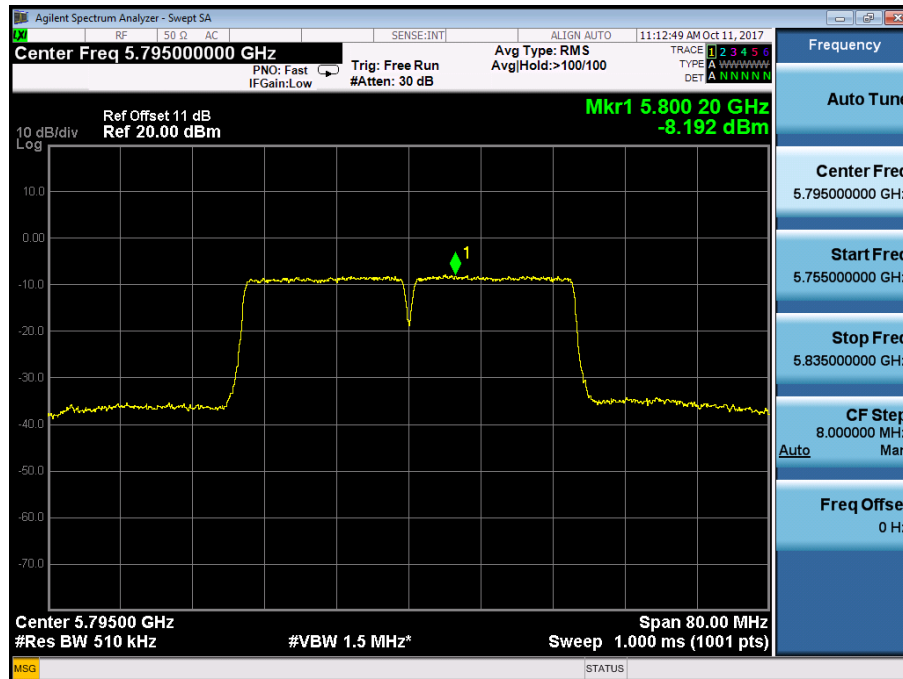
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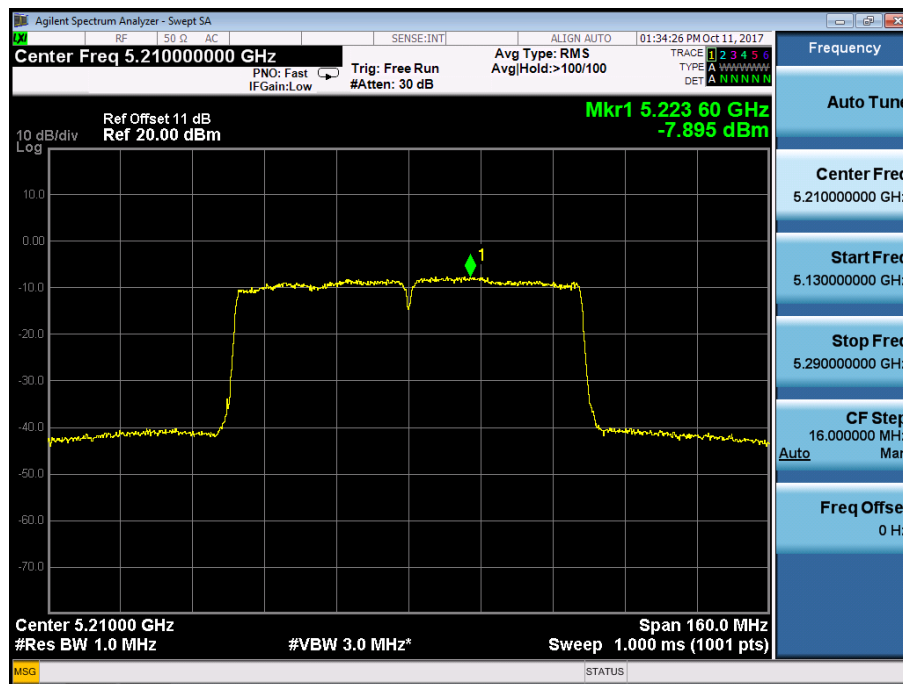
Power Spectral Density
Test Model 802.11ac(VHT40) mode
Ant0
UNII Band III
Frequency(MHz) 5795



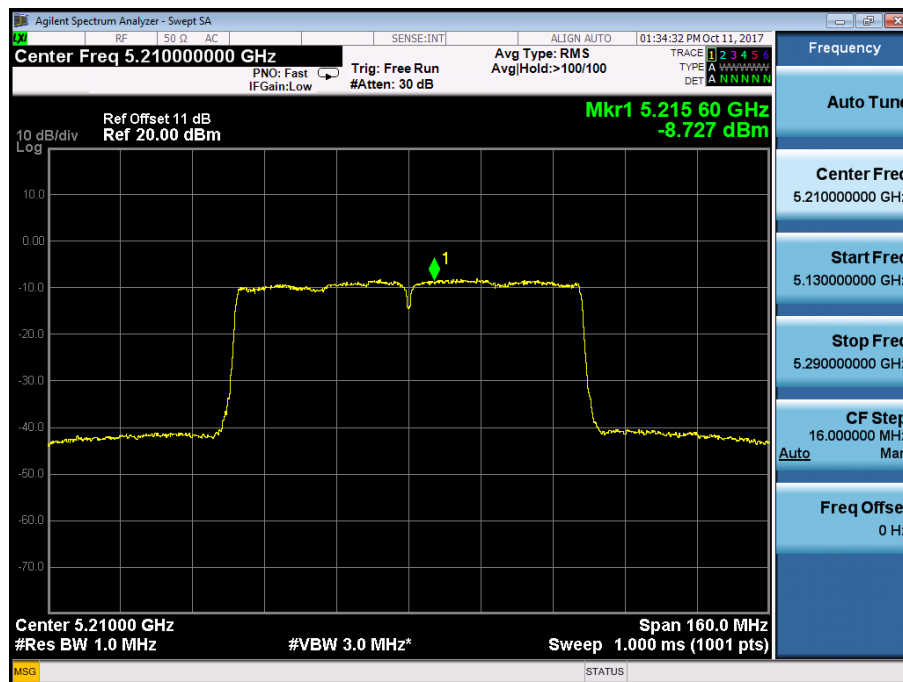
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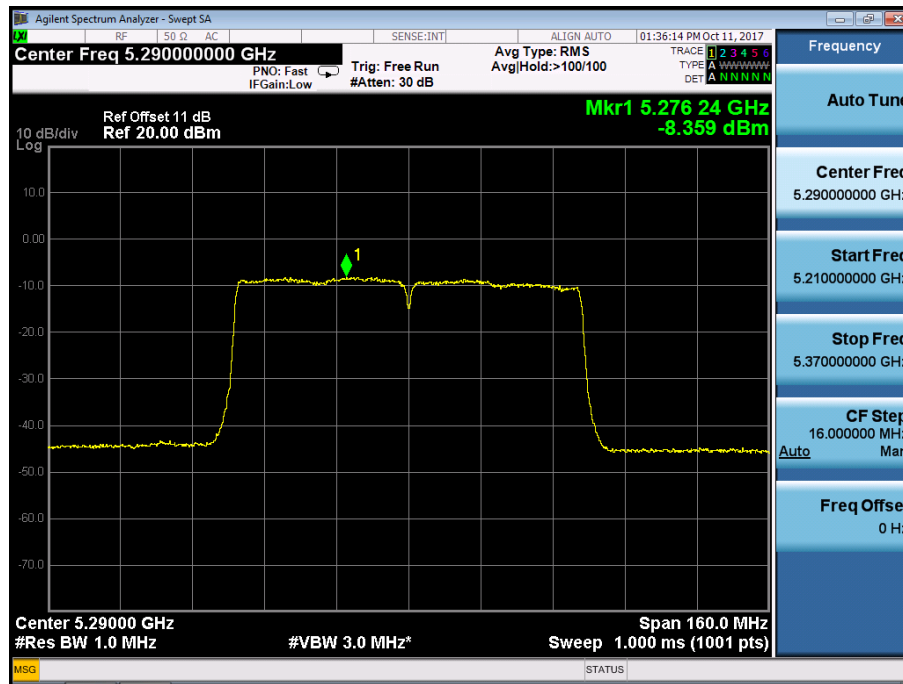
Power Spectral Density UNII Band I
Test Model 802.11ac(VHT80) mode Frequency(MHz) 5210
Ant0



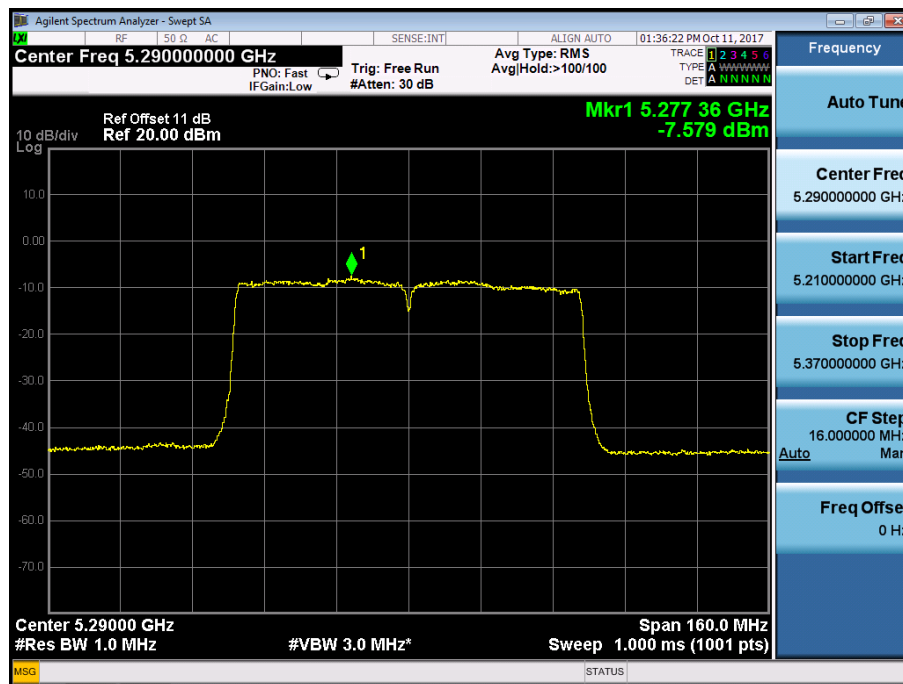
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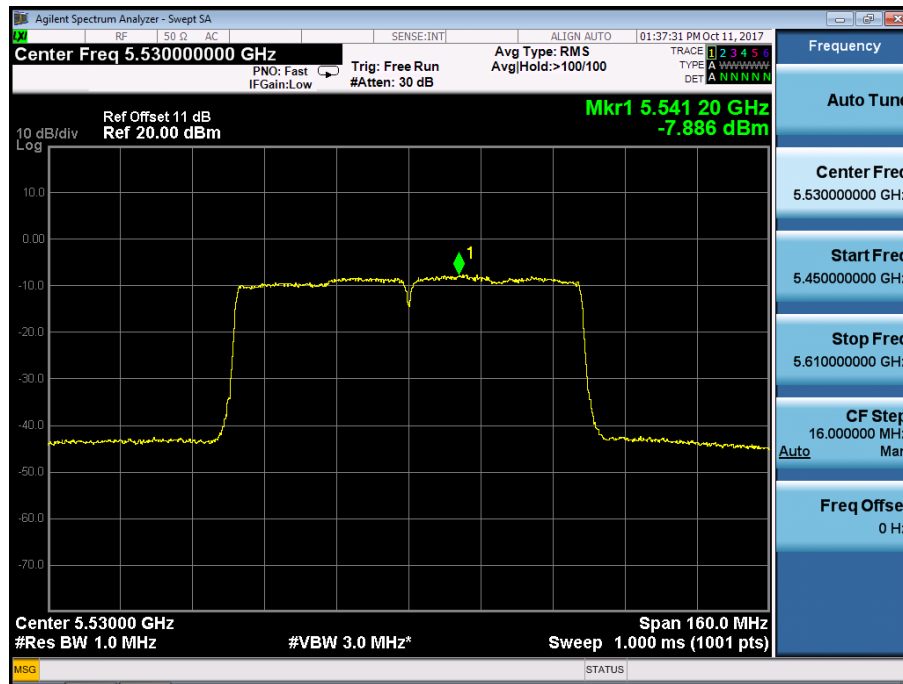
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Test Model 802.11ac(VHT80) mode Frequency(MHz) 5290
Ant0



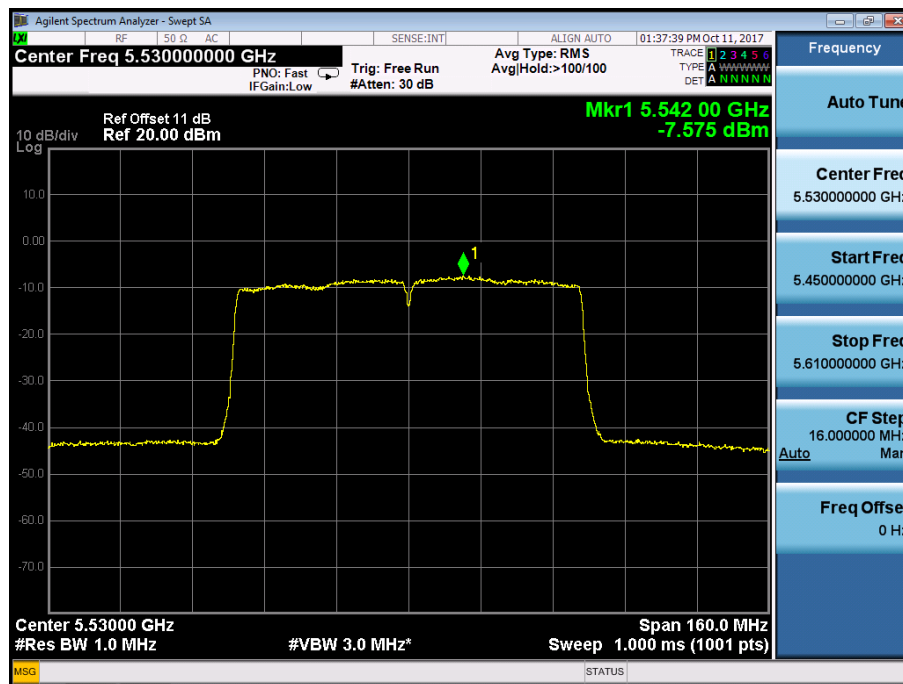
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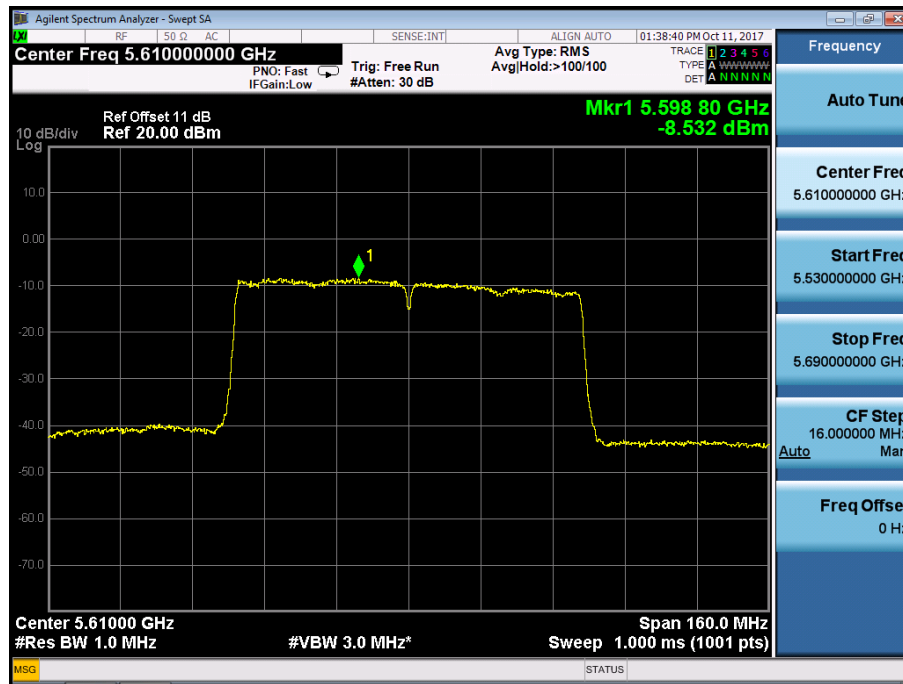
Power Spectral Density UNII Band II-C
Test Model 802.11ac(VHT80) mode Frequency(MHz) 5530
Ant0



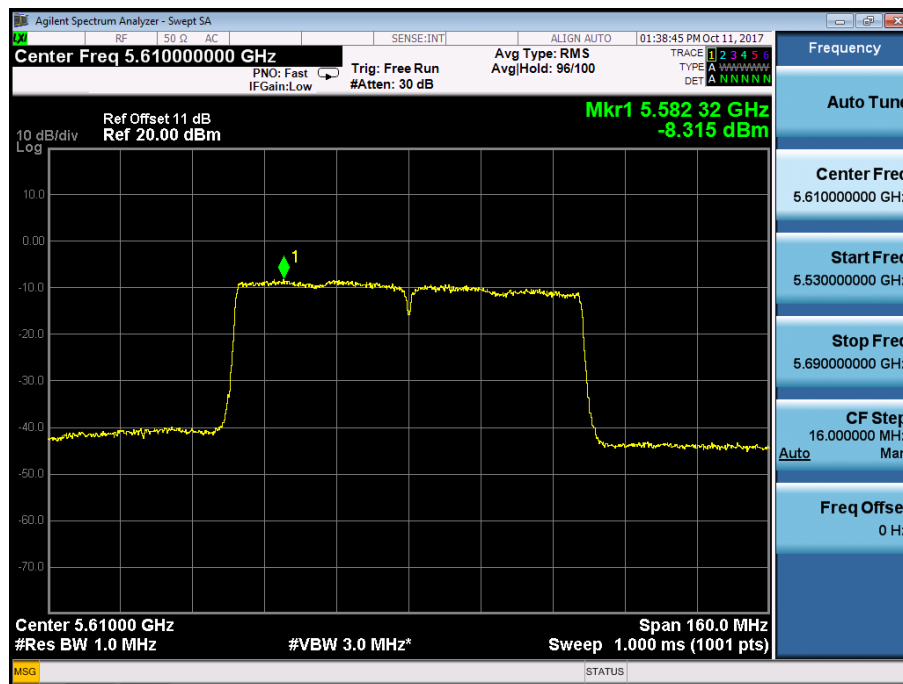
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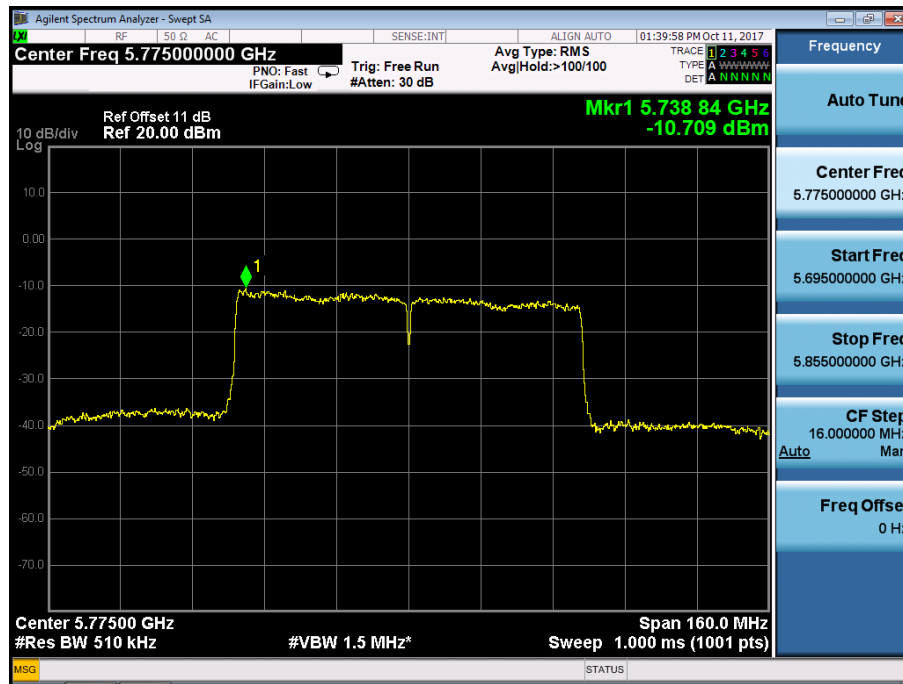
Power Spectral Density UNII Band II-C
Test Model 802.11ac(VHT80) mode Frequency(MHz) 5610
Ant0



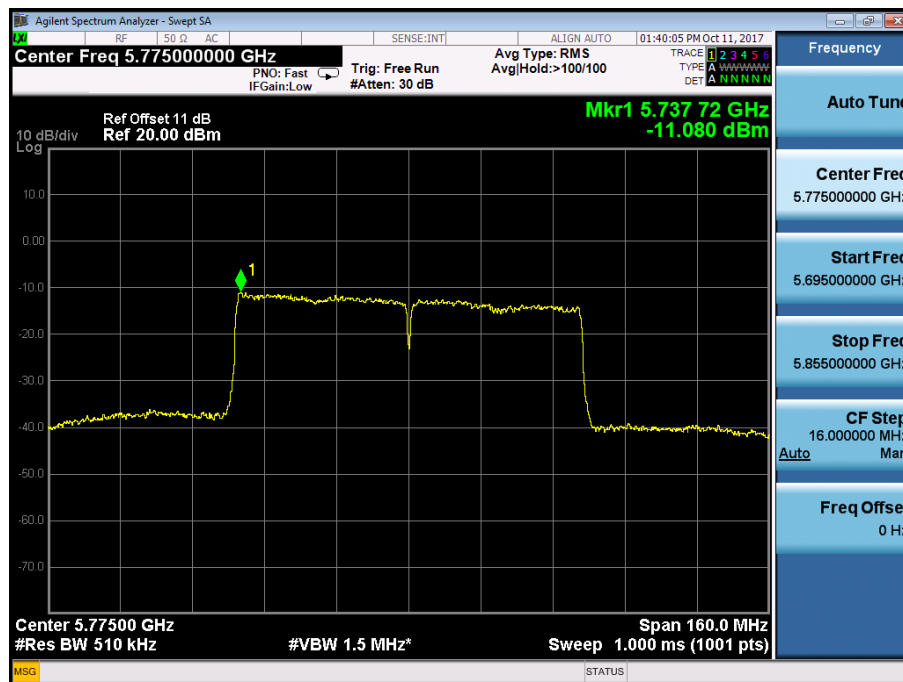
Ant1



Power Spectral Density UNII Band III
Test Model 802.11ac(VHT80) mode Frequency(MHz) 5775
Ant0



Ant1



8.4 FREQUENCY STABILITY

8.4.1 Applicable Standard

According to FCC Part 15.407(g)
ANSI C63.10 Section 6.8

8.4.2 Conformance Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

8.4.3 Test Configuration

Test according to clause 6.1 radio frequency test setup

8.4.4 Test Procedure

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously

Set RBW = 10 kHz.

Set the video bandwidth (VBW) =30 kHz.

Set Span= Entire absence of modulation emissions bandwidth

Set Detector = Peak.

Set Trace mode = max hold.

Set Sweep = auto couple.

Allow the trace to stabilize.

The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

Beginning at each temperature level specified in user manual , the frequency shall be measured within one minute after application of primary power to the transmitter and at intervals of no more than one minute thereafter until ten minutes have elapsed or until sufficient measurements are obtained to indicate clearly that the frequency has stabilized within the applicable tolerance, whichever time period is greater. During each test, the ambient temperature shall not be allowed to rise more than 10° centigrade above the respective beginning ambient temperature level

Measure and record the results in the test report.

8.4.5 Test Results