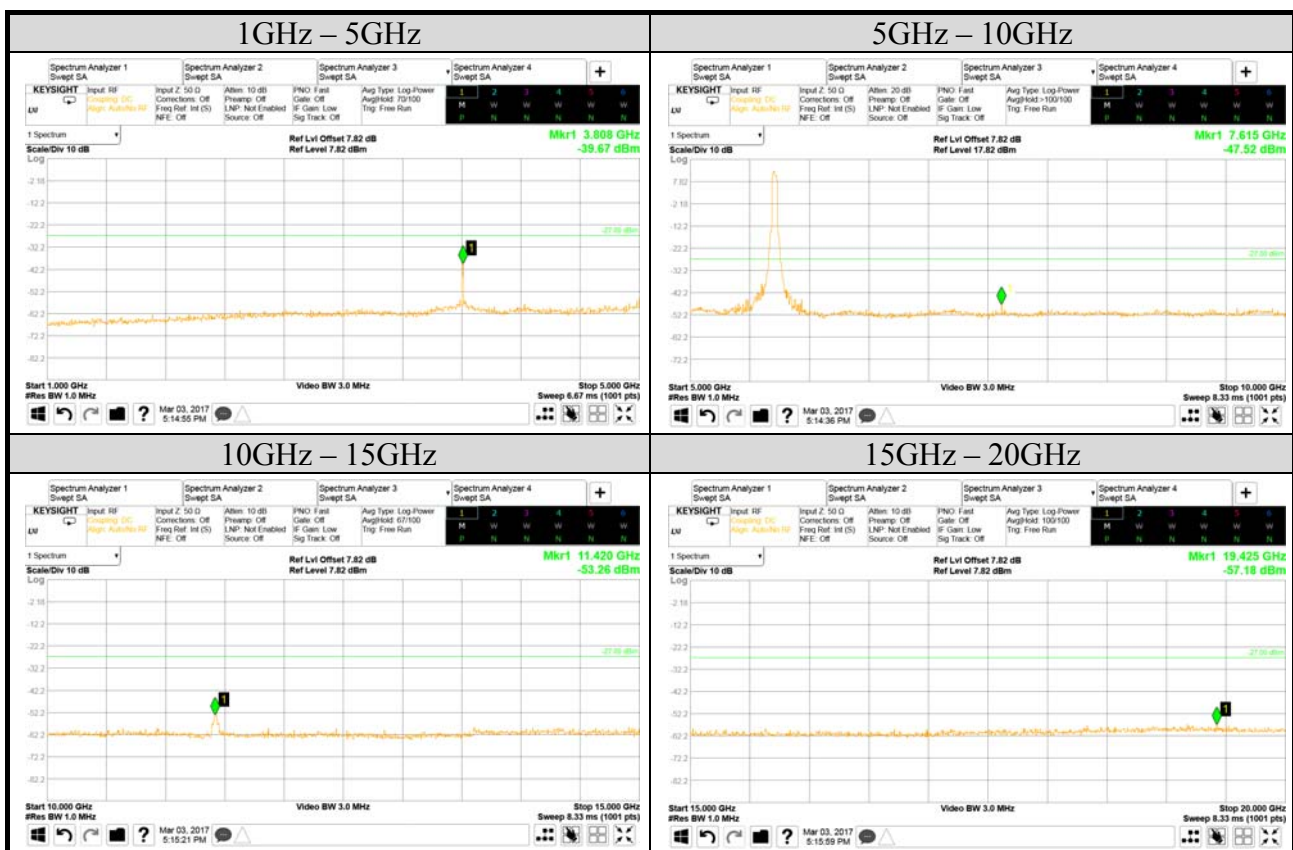


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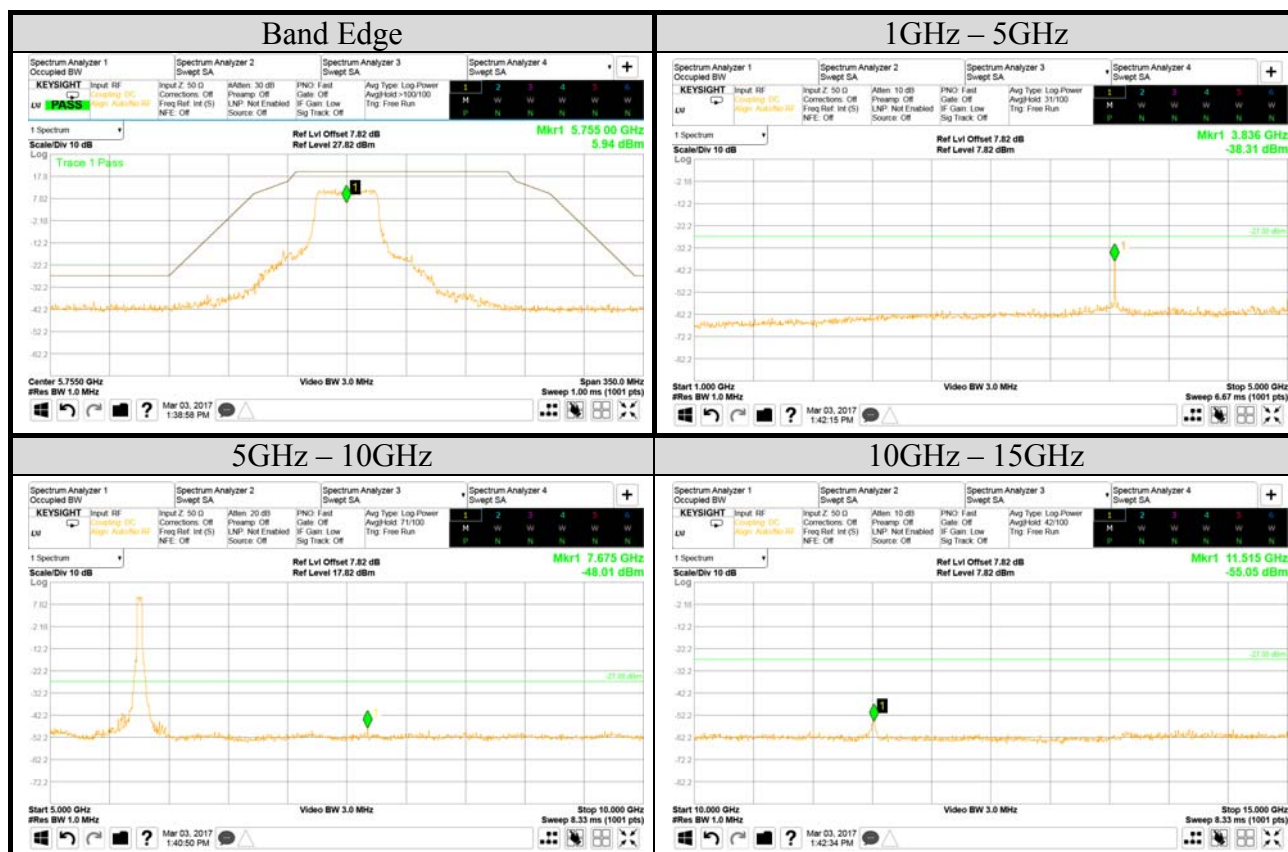
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Test Date	2017/03/03	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT40	UNII Band	II-2C
		Frequency	TX 5710MHz
Cable Loss	4dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	



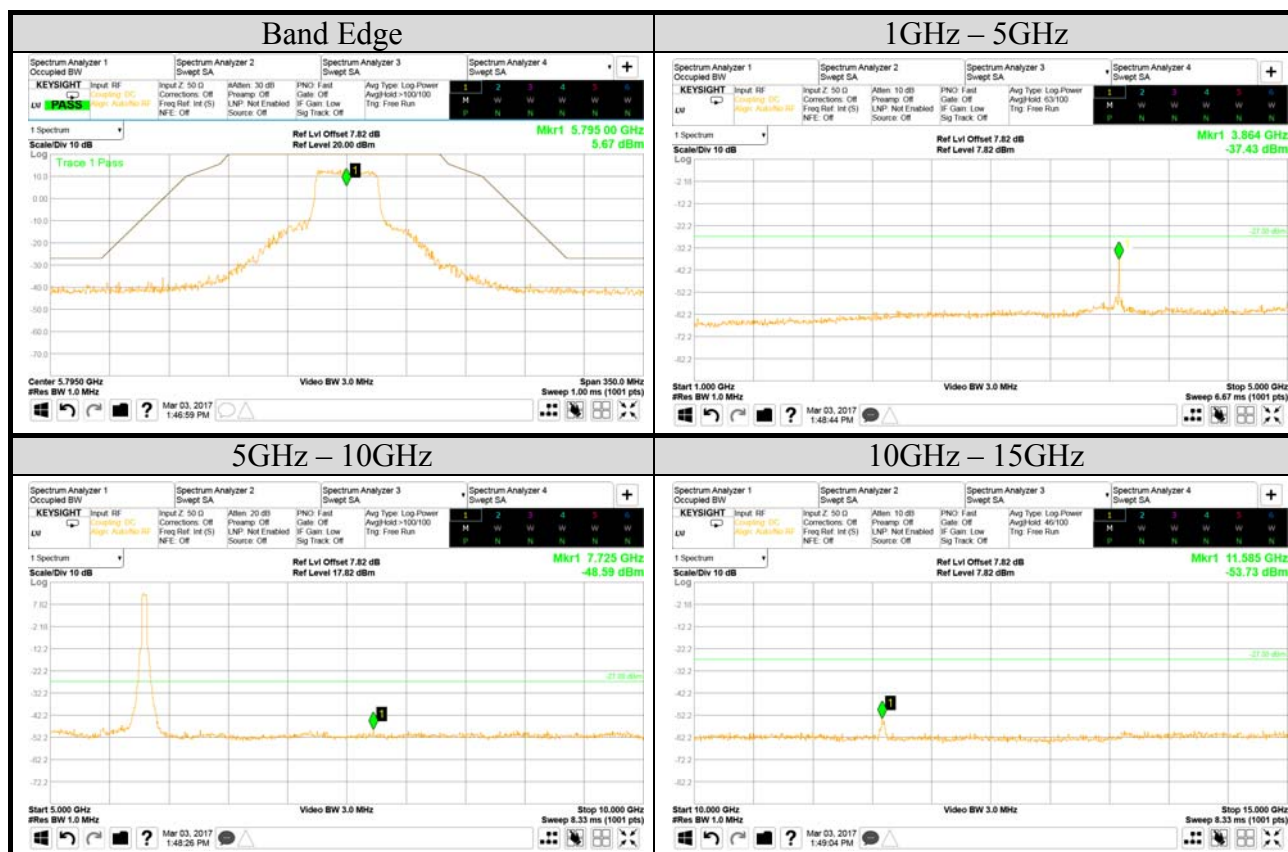


Test Date	2017/03/03	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT40	UNII Band	III
Cable Loss	4dB	Frequency	TX 5755MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
			3

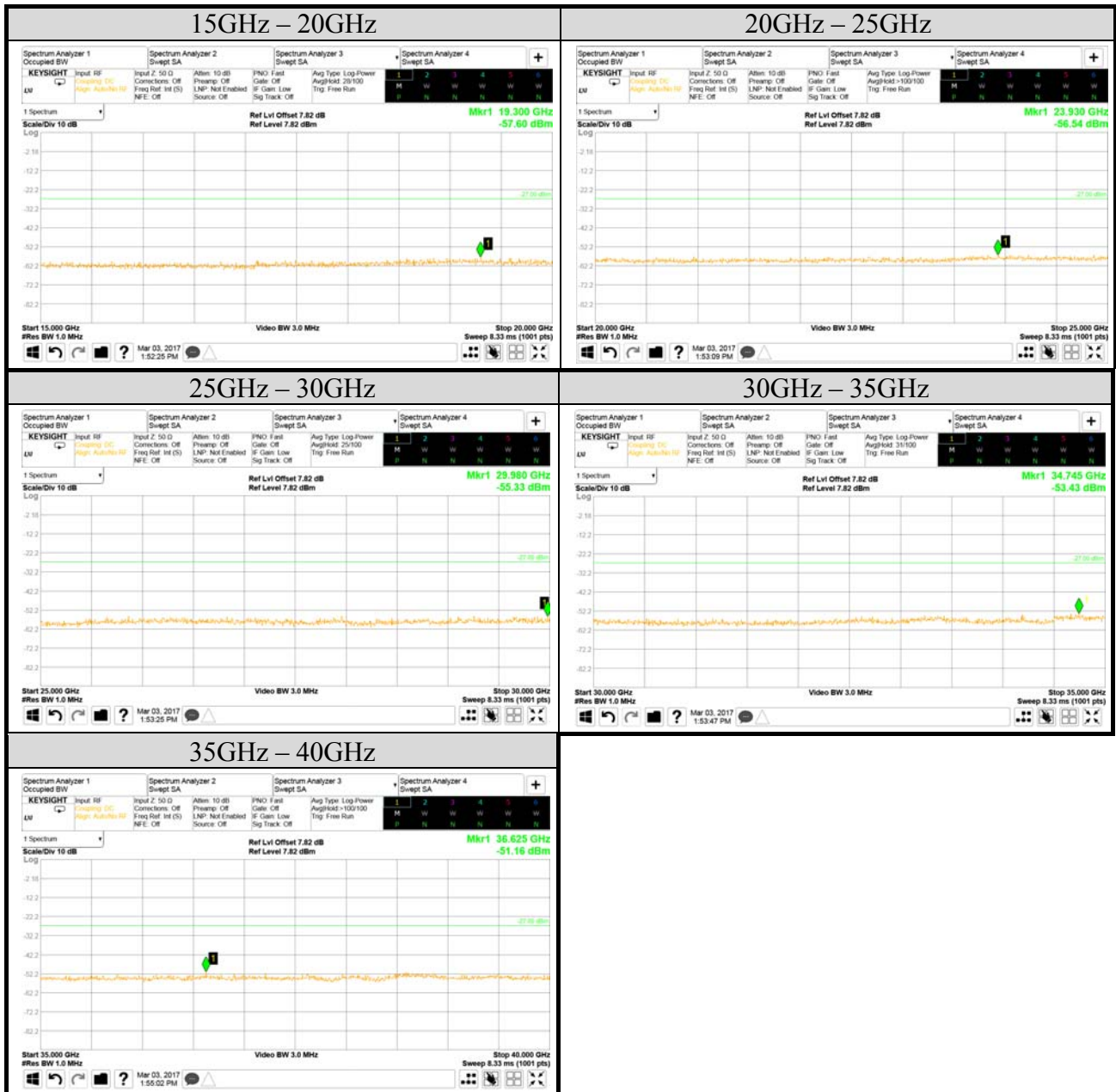




Test Date	2017/03/03	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT40	UNII Band	III
Cable Loss	4dB	Frequency	TX 5795MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)		Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
			3



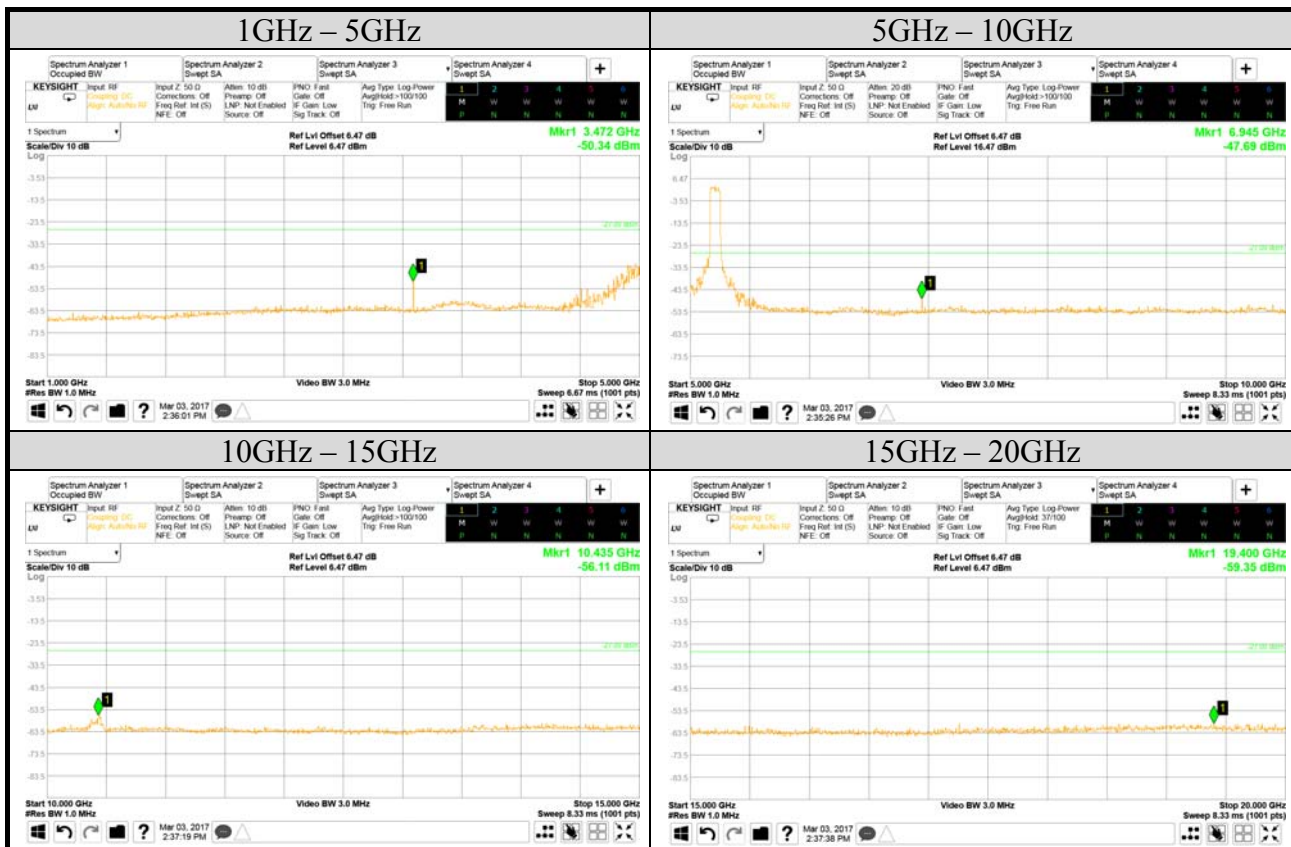




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Test Date	2017/03/03	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT80	UNII Band	I
		Frequency	TX 5210MHz
Cable Loss	4dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	



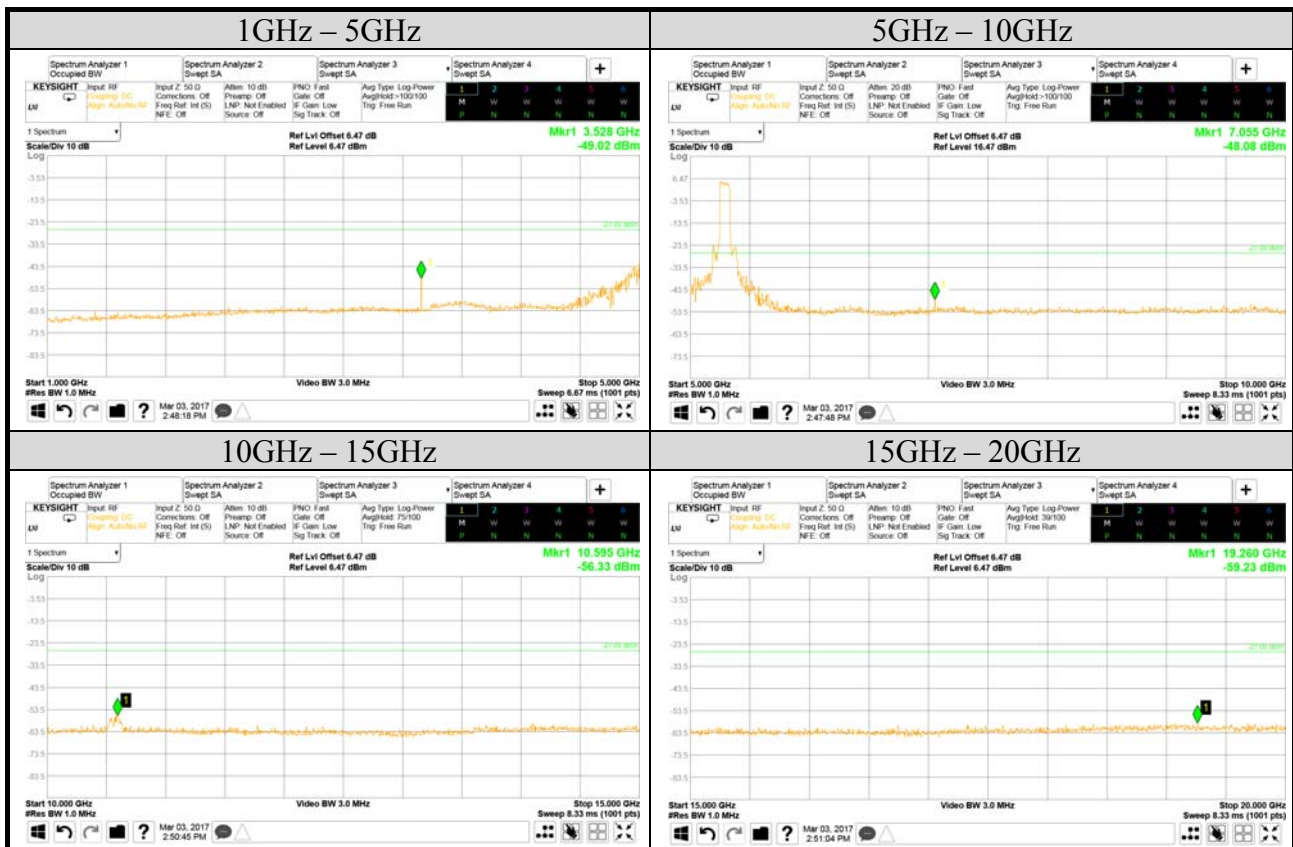




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Test Date	2017/03/03	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT80	UNII Band	II-2A
		Frequency	TX 5290MHz
Cable Loss	4dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	

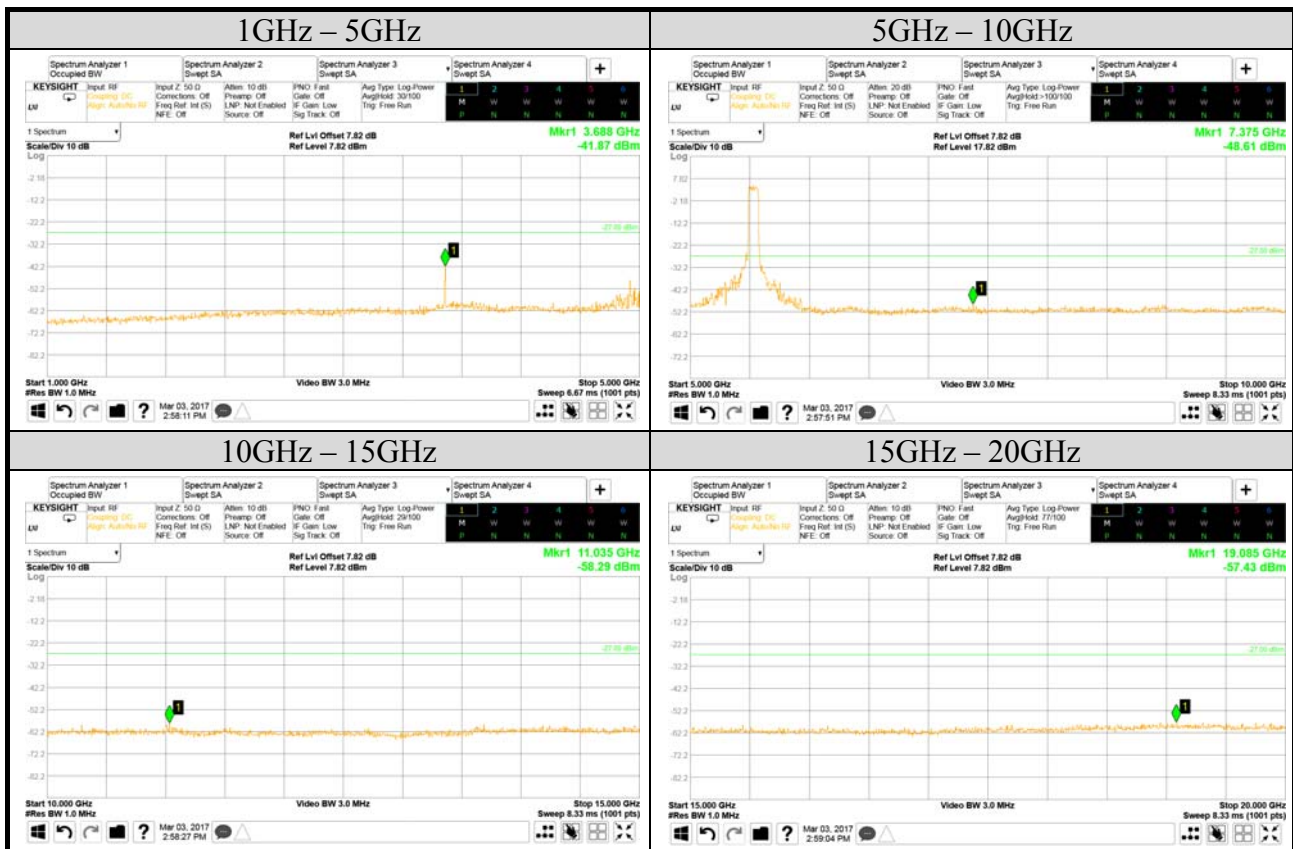




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Test Date	2017/03/03	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT80	UNII Band	II-2C
		Frequency	TX 5530MHz
Cable Loss	4dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	

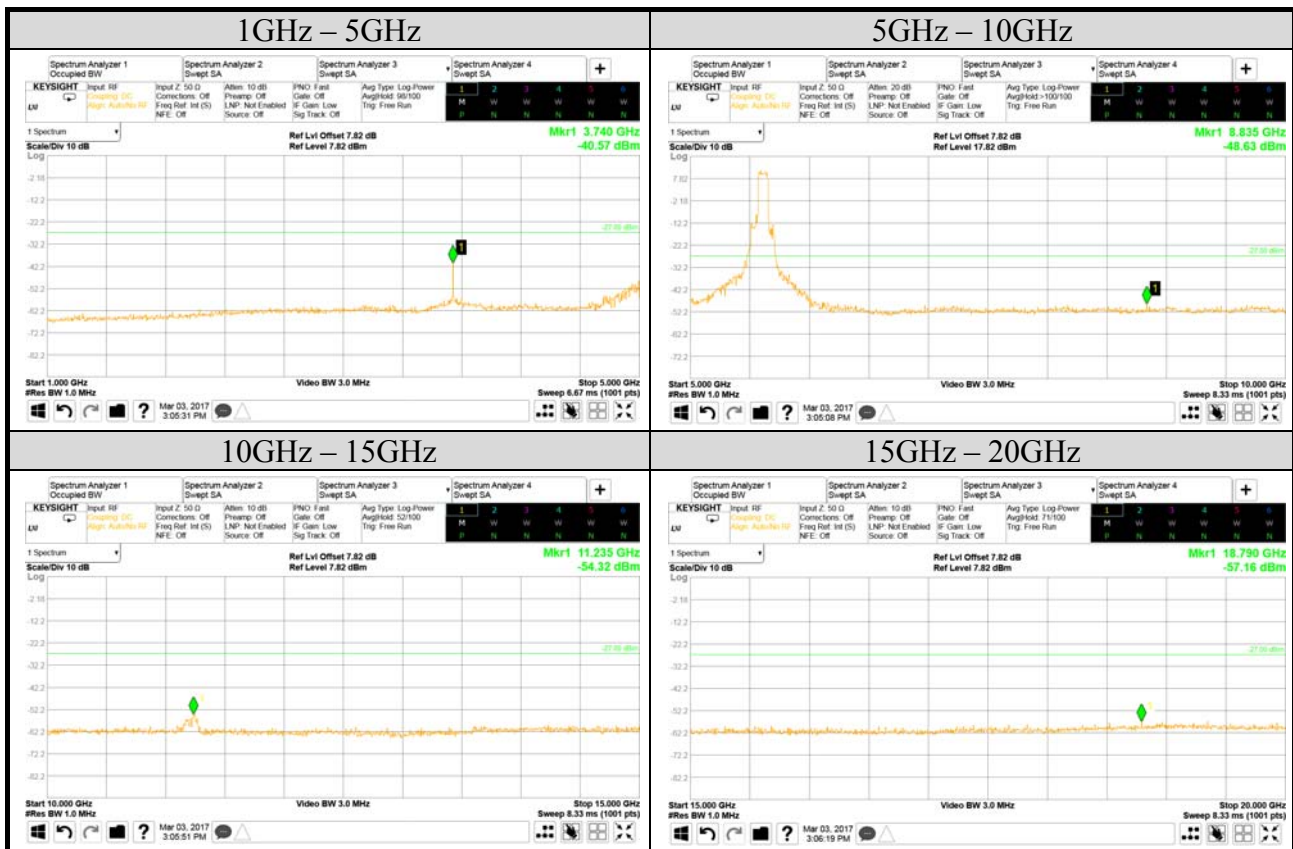




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Test Date	2017/03/03	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT80	UNII Band	II-2C
		Frequency	TX 5610MHz
Cable Loss	4dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	



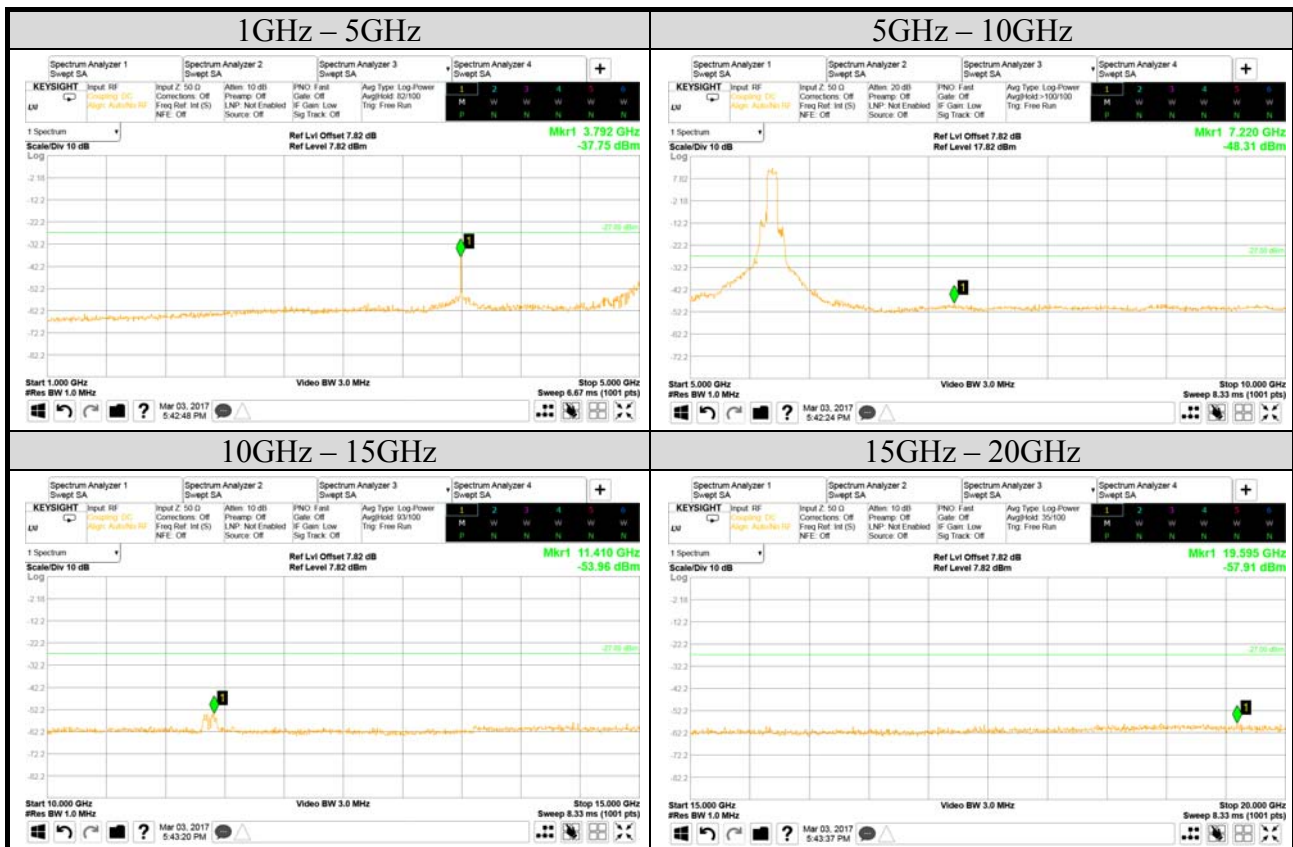




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Test Date	2017/03/03	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT80	UNII Band	II-2C
		Frequency	TX 5690MHz
Cable Loss	4dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	

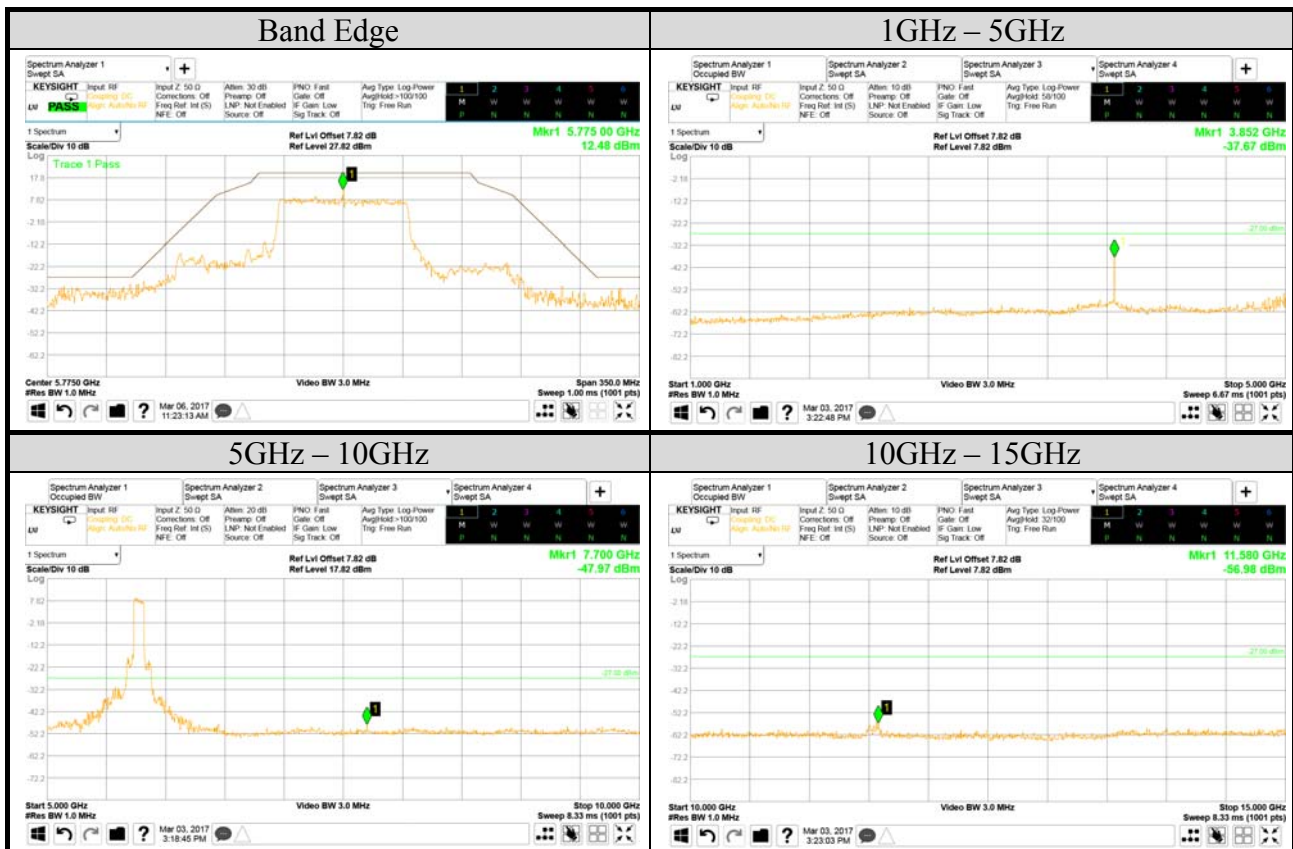




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Test Date	2017/03/03	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT80	UNII Band	III
		Frequency	TX 5775MHz
Cable Loss	4dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		3	







## A.6 POWER SPECTRAL DENSITY

Test Date	2017/03/01~03	Temp./Hum.	24~25°C/55~56%
Cable Loss	4dB	Test Voltage	AC 120V, 60Hz (with Docking via AC Adapter)
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)			3

### A.6.1 Power Spectral Density Result

Mode	UNII Band	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
802.11a	I	5180	5.459	11 dBm/MHz
		5200	5.349	
		5240	5.658	
	II-2A	5260	6.674	
		5300	6.520	
		5320	4.415	
	II-2C	5500	4.237	30dBm/500 kHz
		5600	6.977	
		5700	4.498	
		5720	4.592	
	III <sup>Note2</sup>	5720	1.624	
		5745	2.678	
		5785	4.337	
		5825	4.420	

Note 1: All results have been included cable loss and Simultaneous Factor.

Note 2: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

Mode	UNII Band	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
802.11ac-VHT20	I	5180	7.431	11 dBm/MHz
		5200	7.810	
		5240	8.657	
	II-2A	5260	8.626	
		5300	7.674	
		5320	7.902	
	II-2C	5500	4.161	
		5600	6.142	
		5700	6.118	
		5720	5.946	
	III <sup>Note2</sup>	5720	3.922	30dBm/500 kHz
		5745	6.240	
		5785	6.033	
		5825	5.486	
802.11ac-VHT40	I	5190	-2.683	11 dBm/MHz
		5230	3.017	
	II-2A	5270	5.409	
		5310	-0.681	
	II-2C	5510	-0.250	
		5590	4.593	
		5670	4.370	
		5710	4.426	
	III <sup>Note2</sup>	5710	0.789	30dBm/500 kHz
		5755	3.256	
		5795	4.057	

Note 1: All results have been included cable loss and Simultaneous Factor.

Note 2: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

Mode	UNII Band	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
802.11ac-VHT80	I	5210	-3.781	11 dBm/MHz
	II-2A	5290	-1.413	
	II-2C	5530	-4.389	
		5610	2.482	
		5690	2.609	
	III <sup>Note2</sup>	5690	-0.739	30dBm/500 kHz
		5775	-0.994	

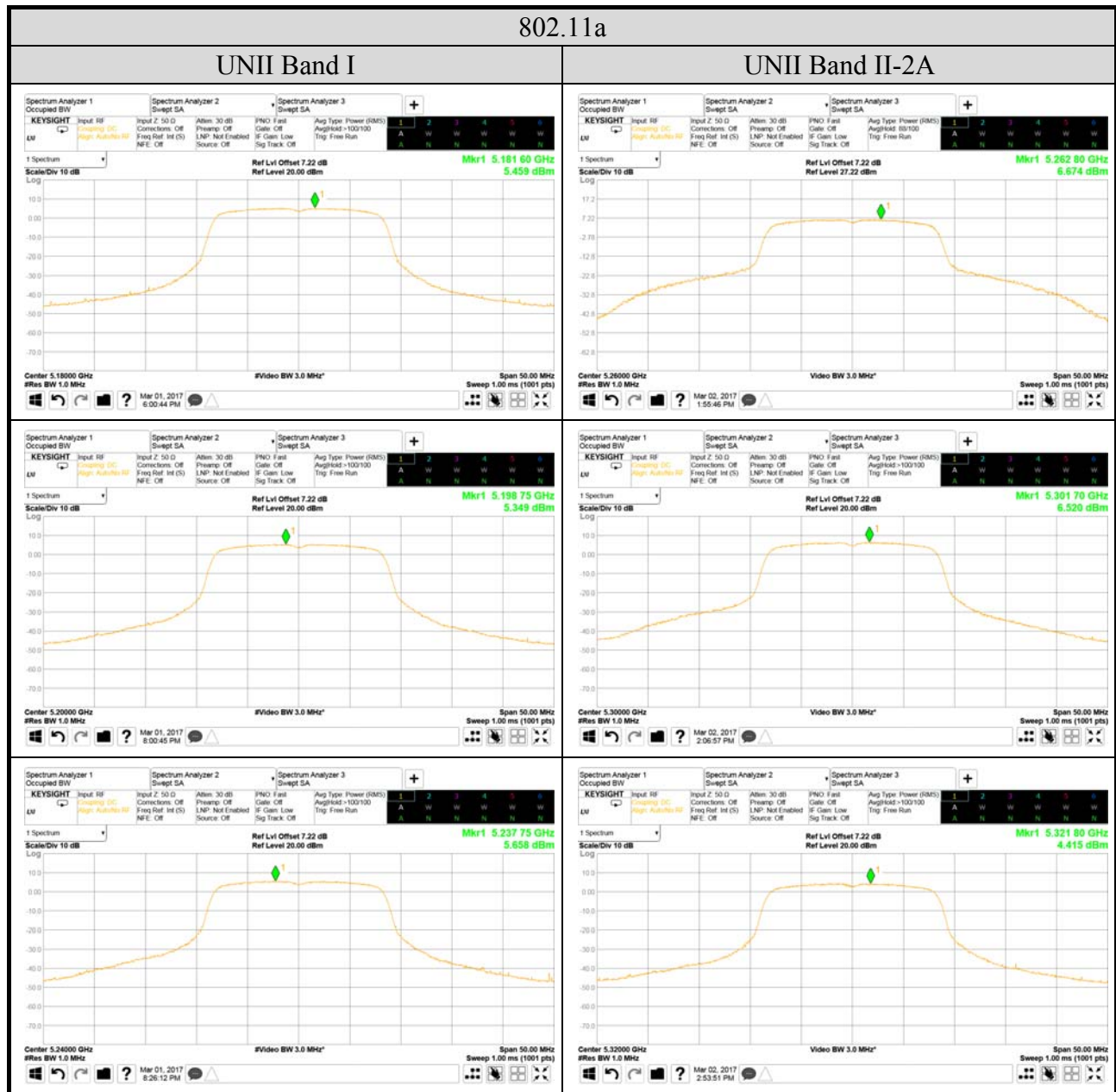
Note 1: All results have been included cable loss and Simultaneous Factor.

Note 2: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

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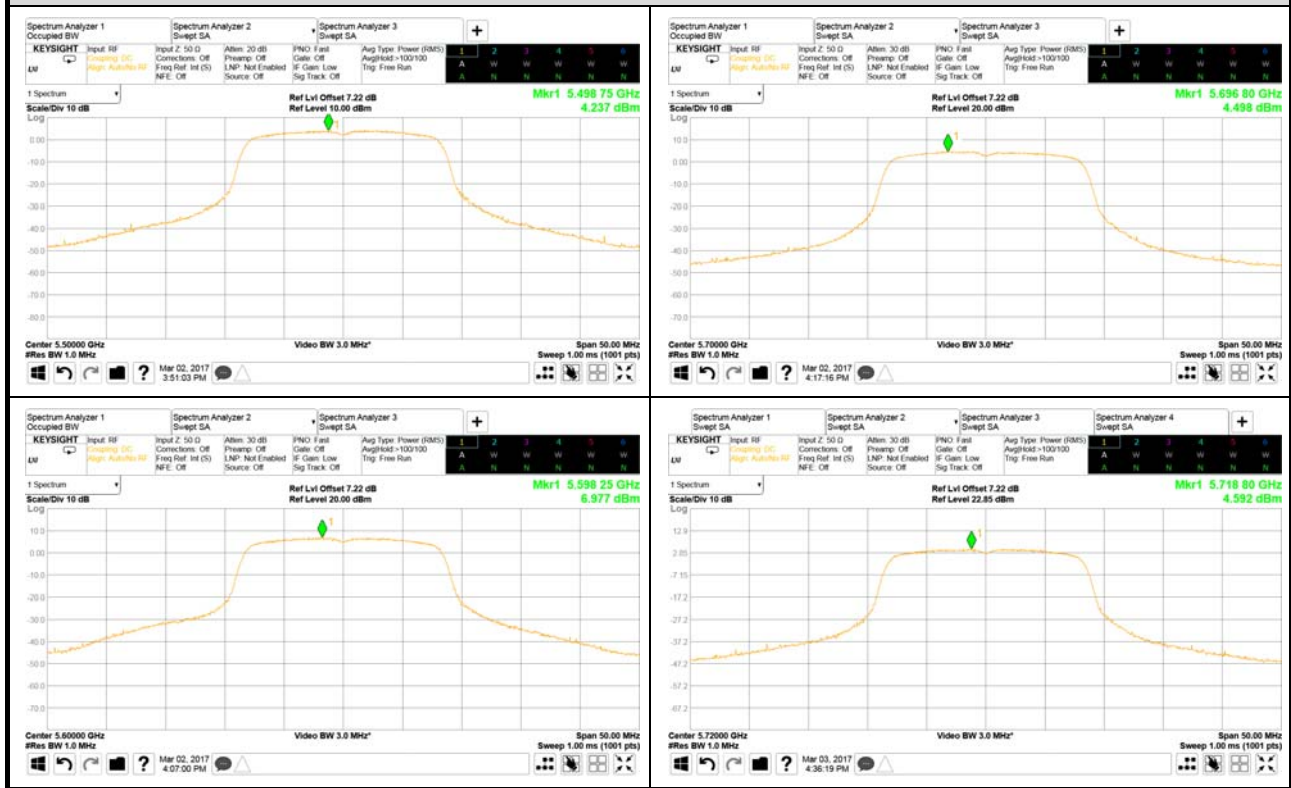
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## A.6.2 Measurement Plots



802.11a

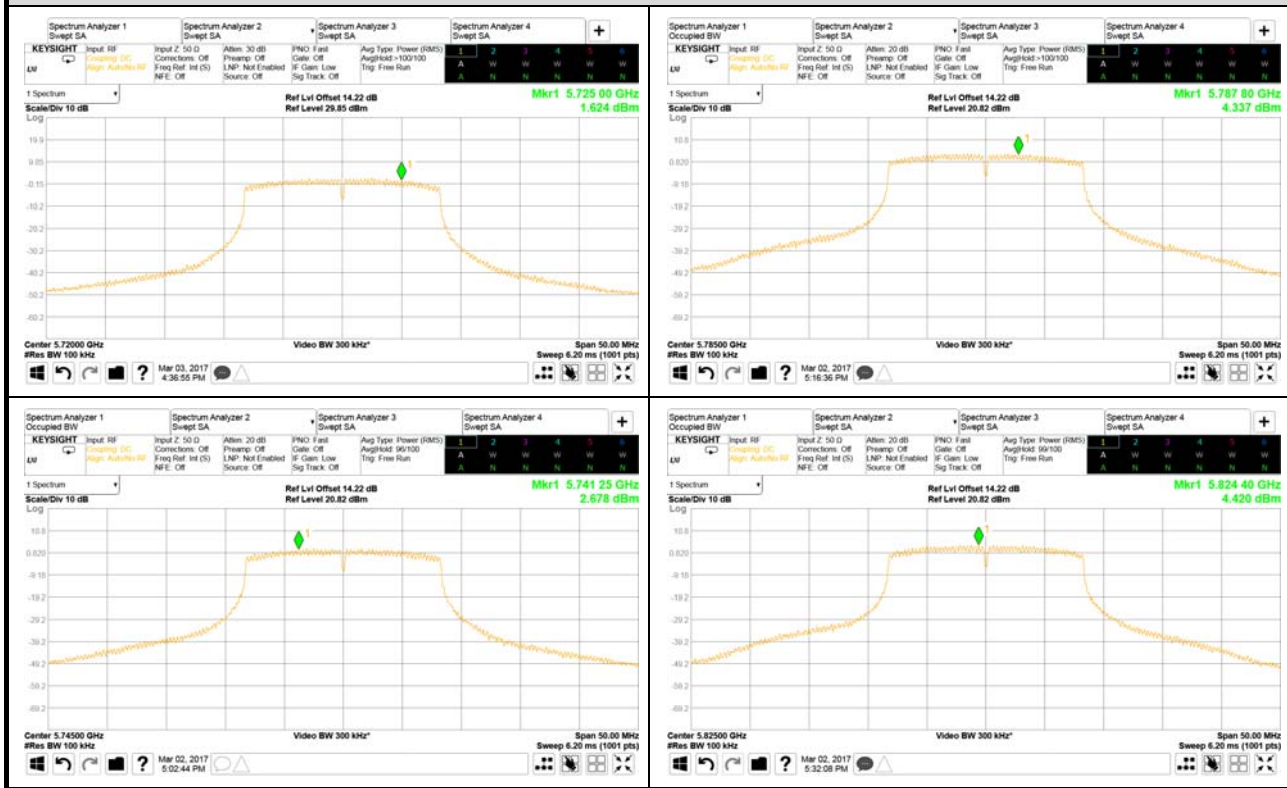
UNII Band II-2C





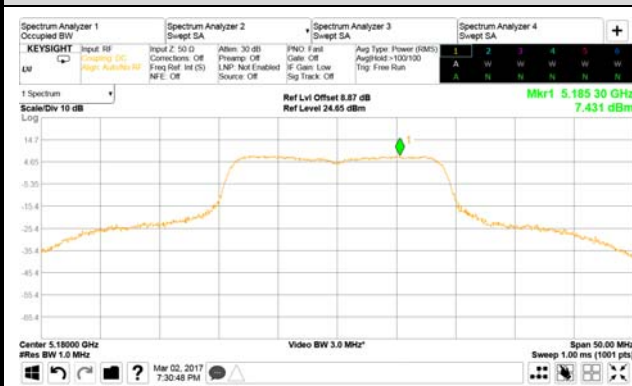
802.11a

UNII Band III

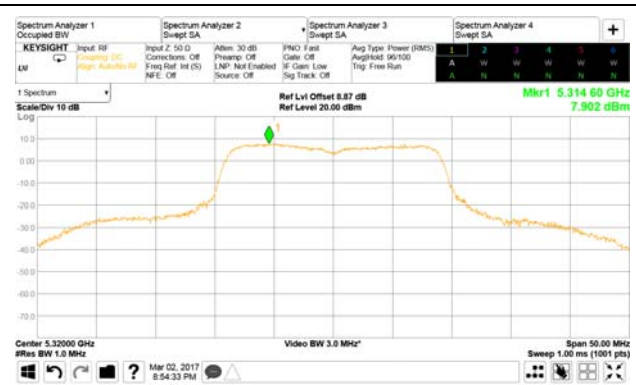
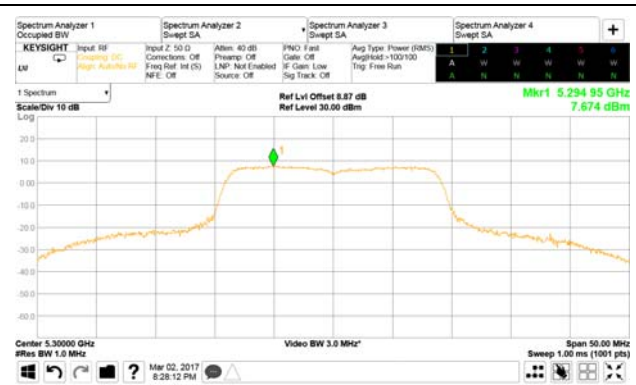
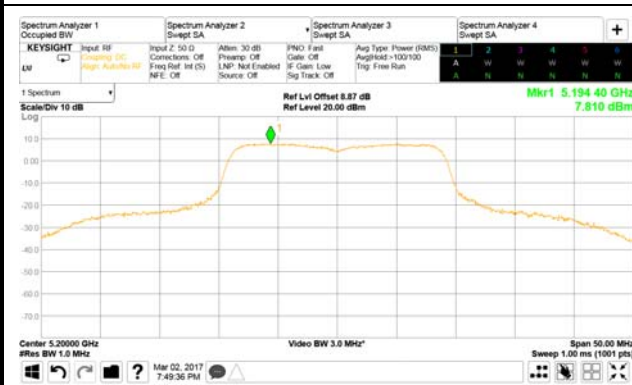
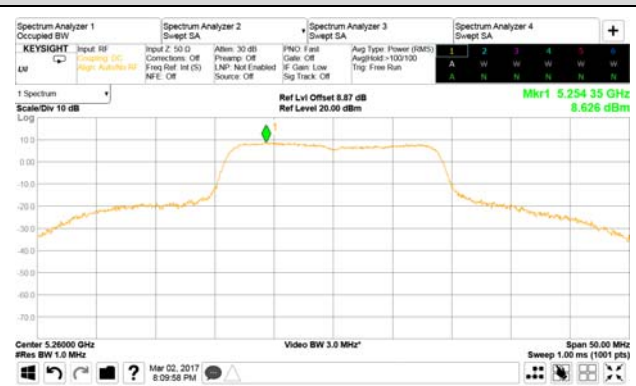


## 802.11ac-VHT20

### UNII Band I

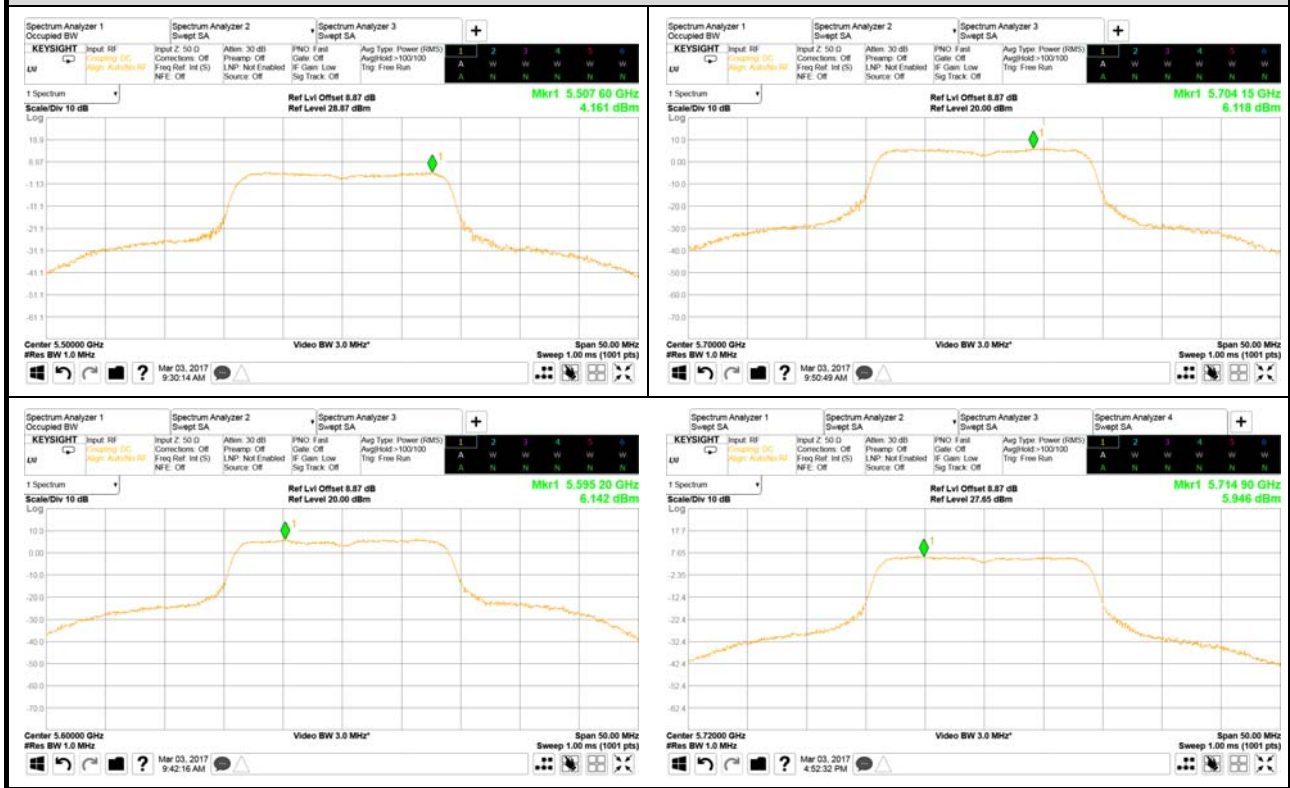


### UNII Band II-2A



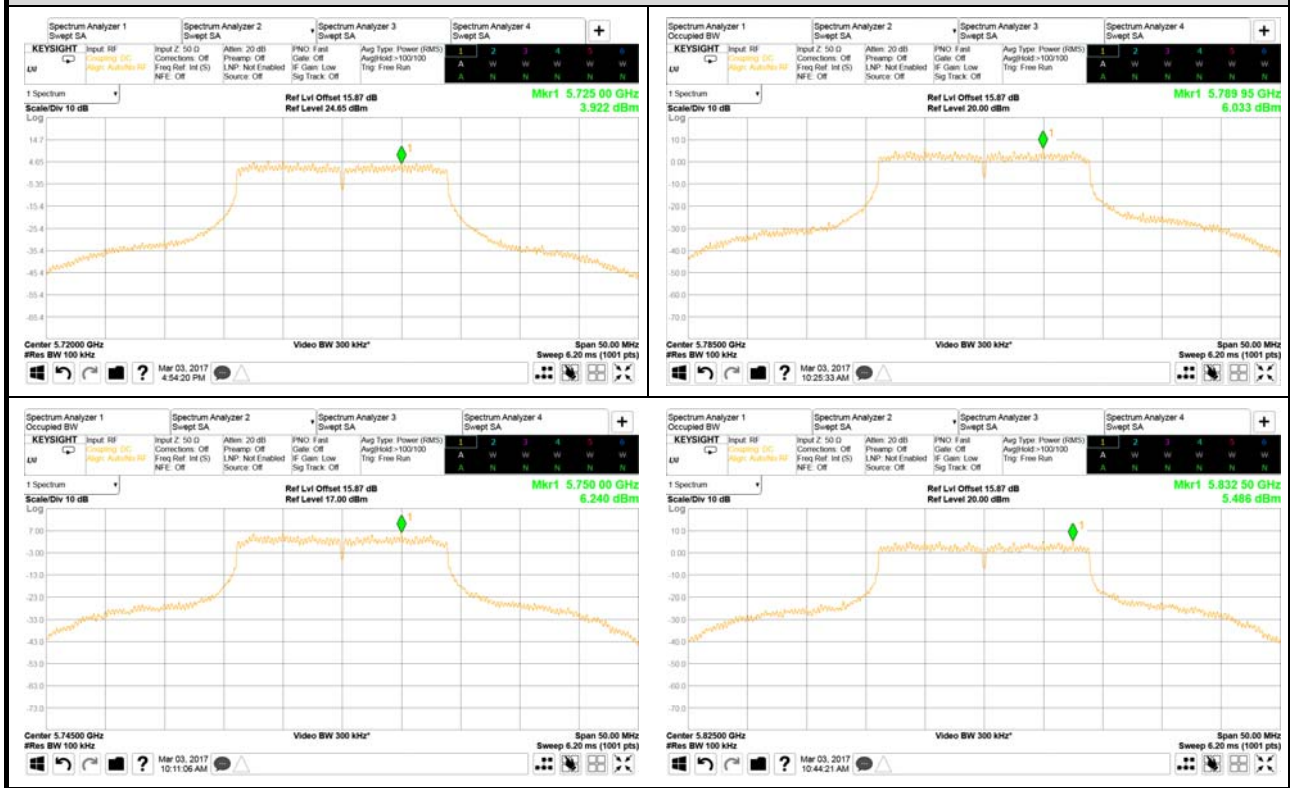
## 802.11ac-VHT20

### UNII Band II-2C



# 802.11ac-VHT20

## UNII Band III

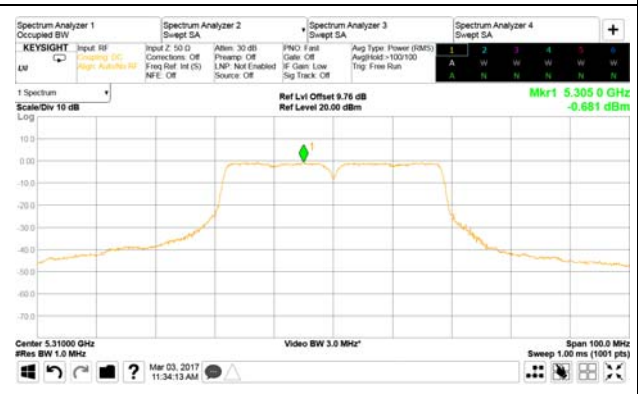
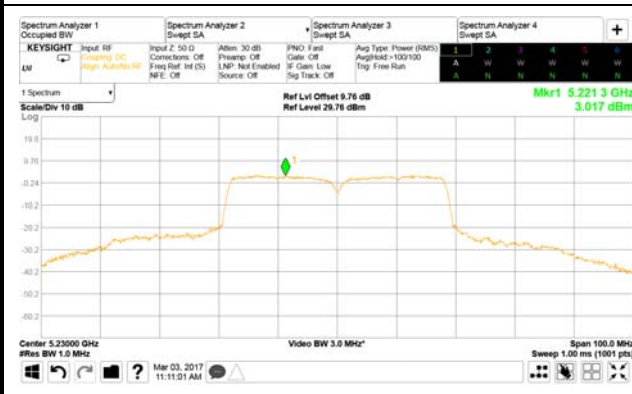
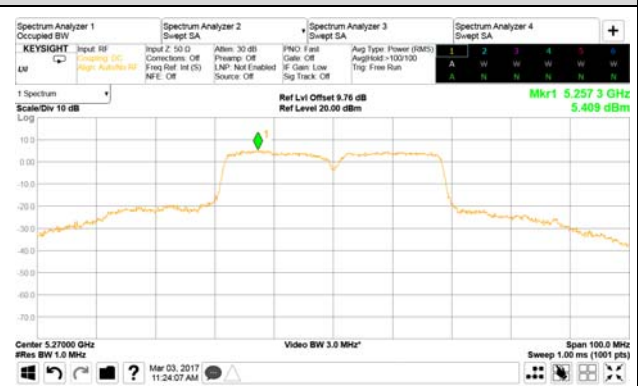


## 802.11ac-VHT40

### UNII Band I



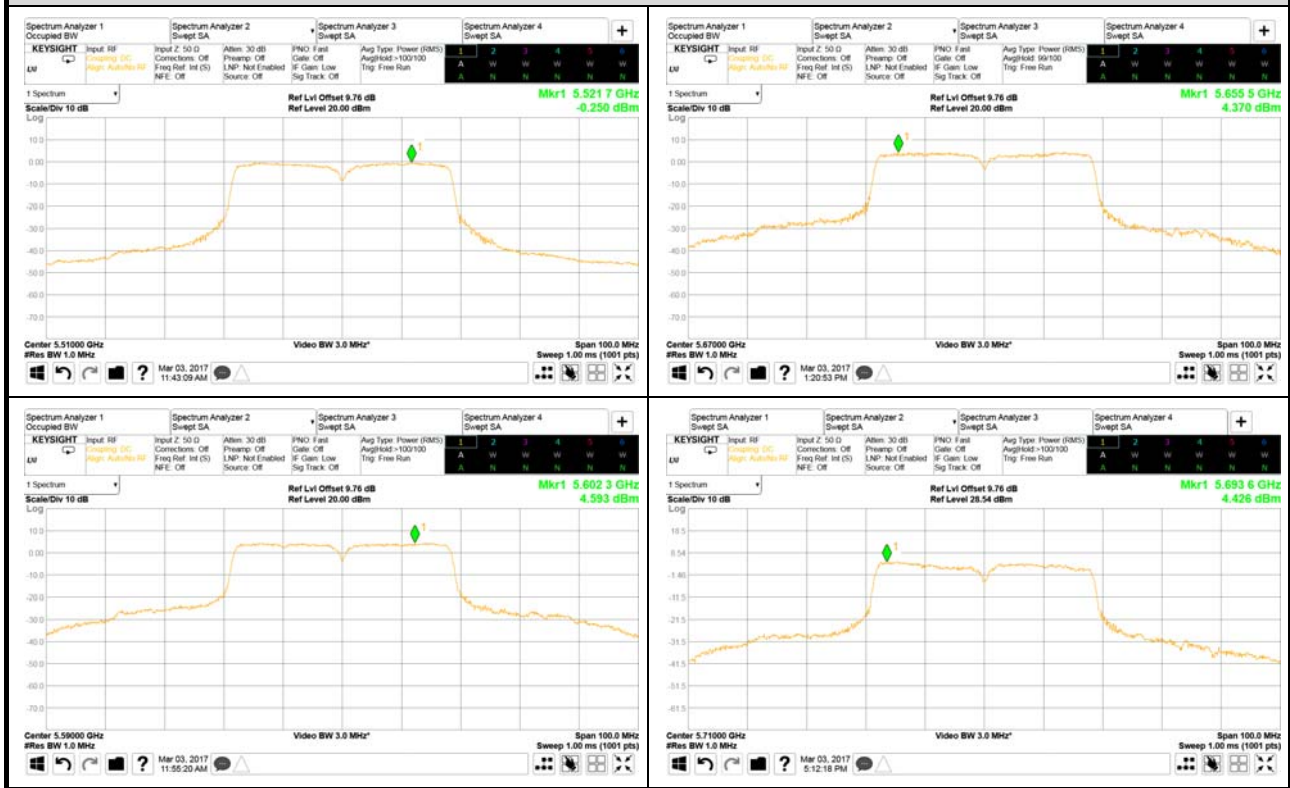
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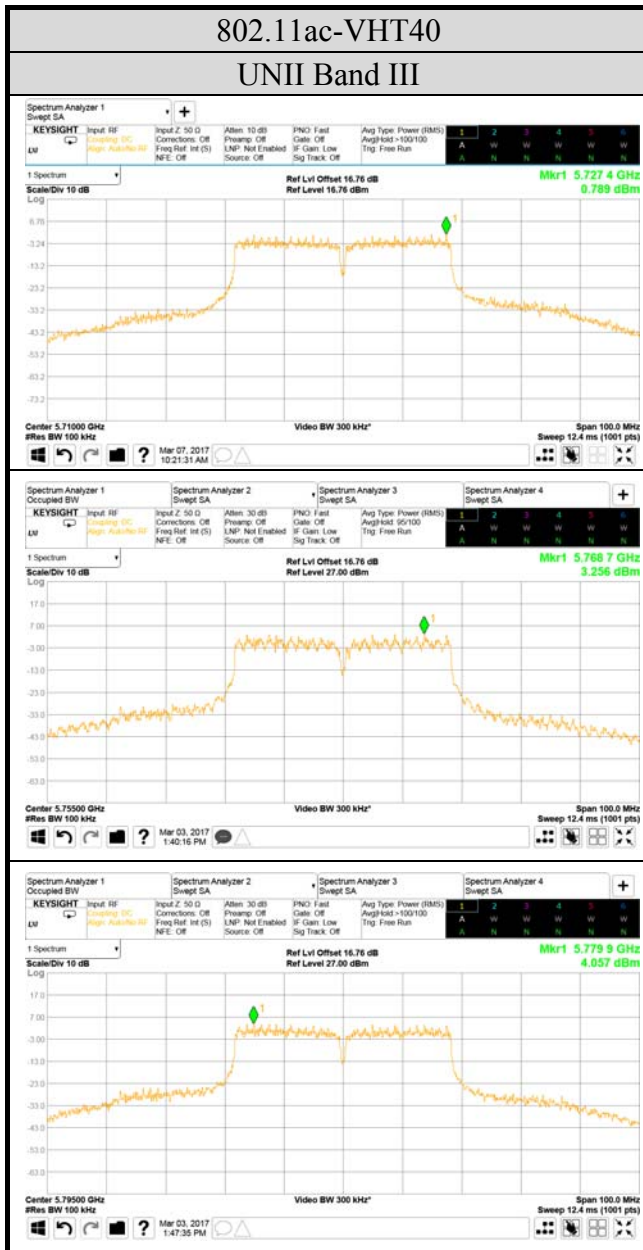




## 802.11ac-VHT40

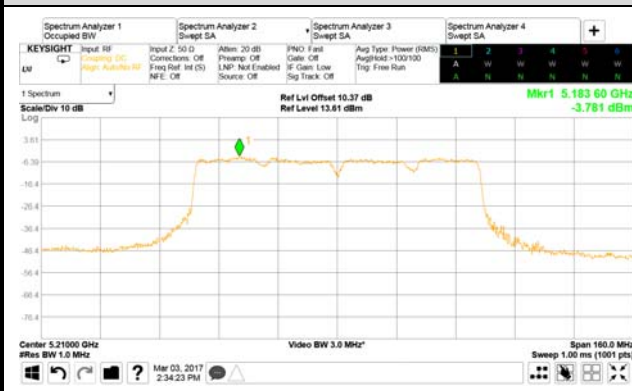
### UNII Band II-2C



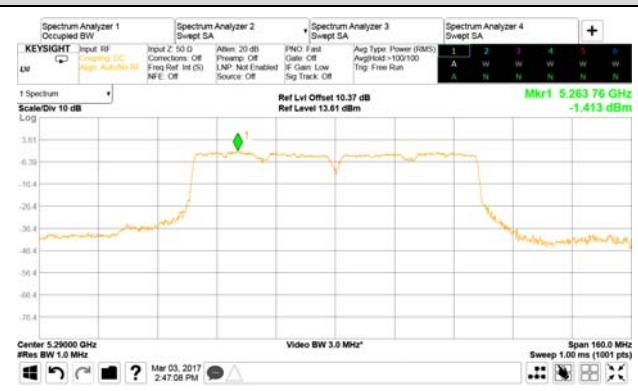


## 802.11ac-VHT80

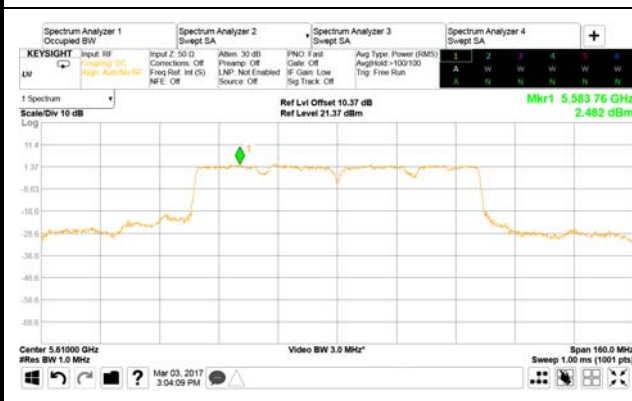
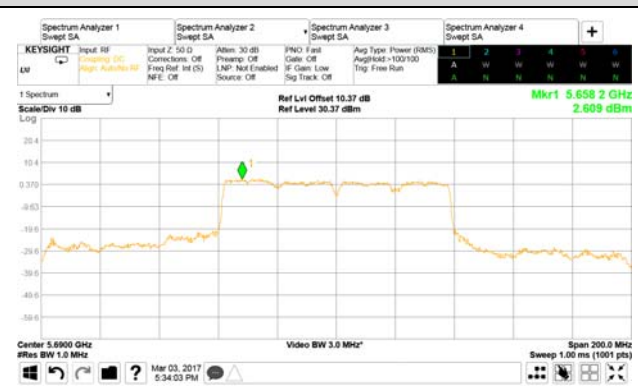
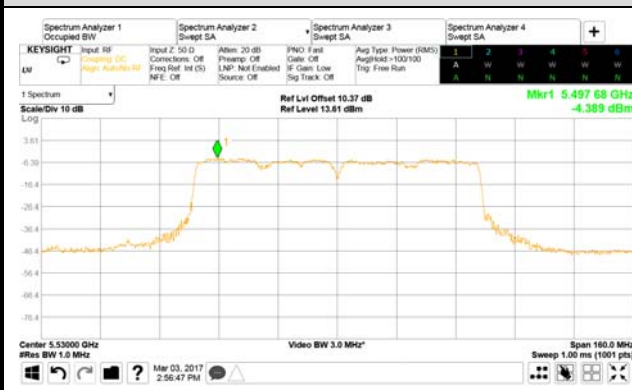
### UNII Band I

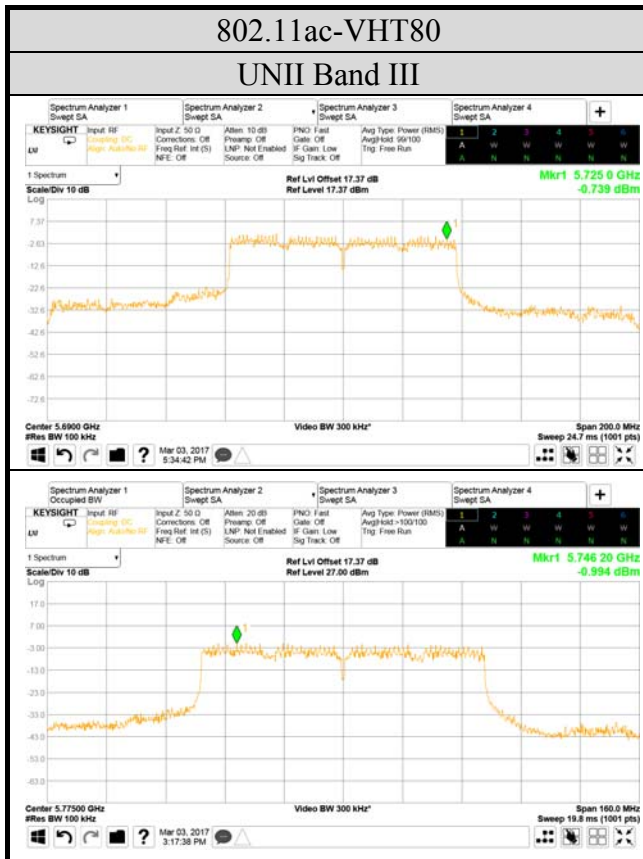


### UNII Band II-2A



## UNII Band II-2C







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**APPENDIX B**

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# APPENDIX B

## TEST PHOTOGRAPHS

(Model: mPAD2-7-CHT4-I)