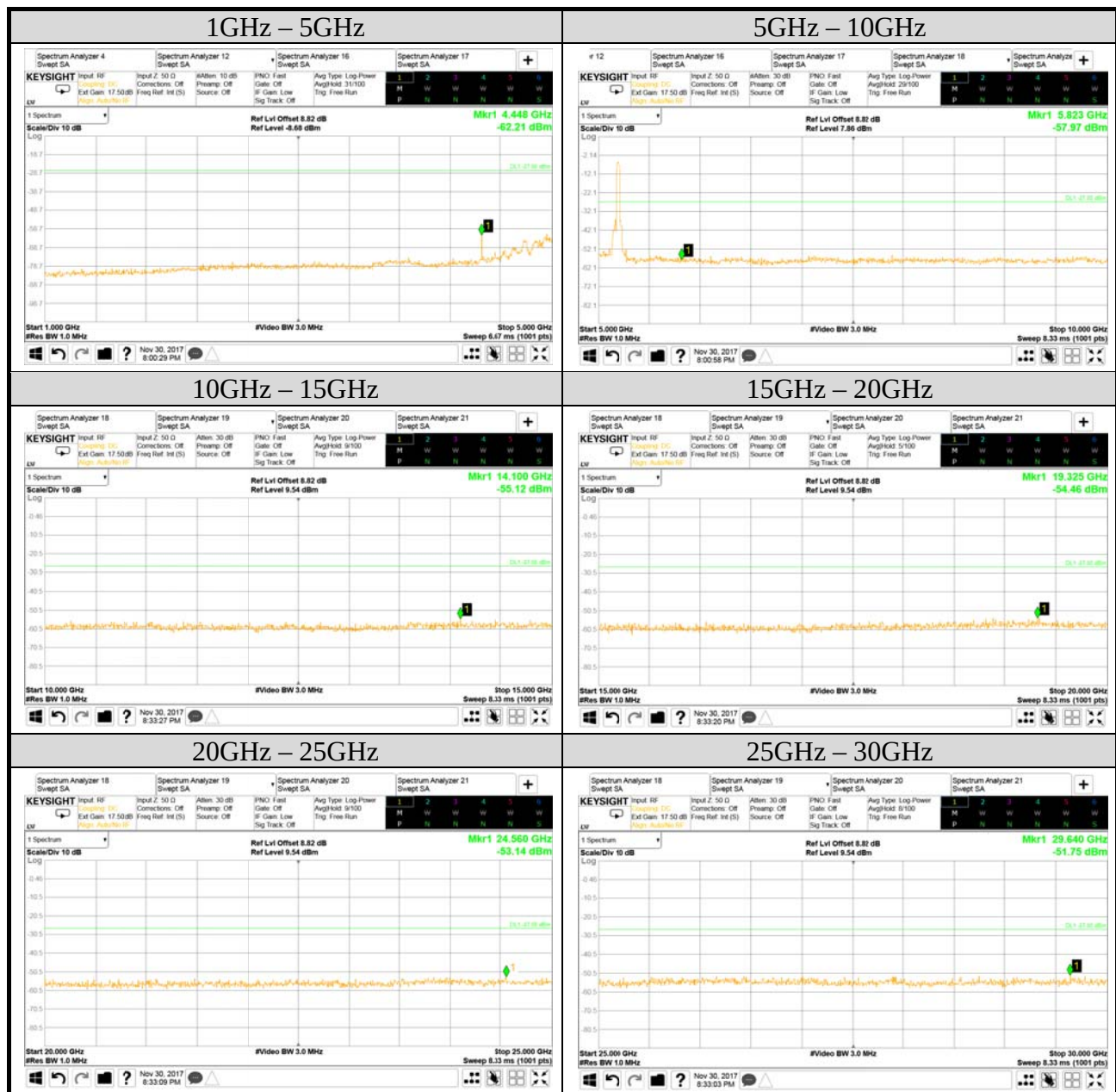
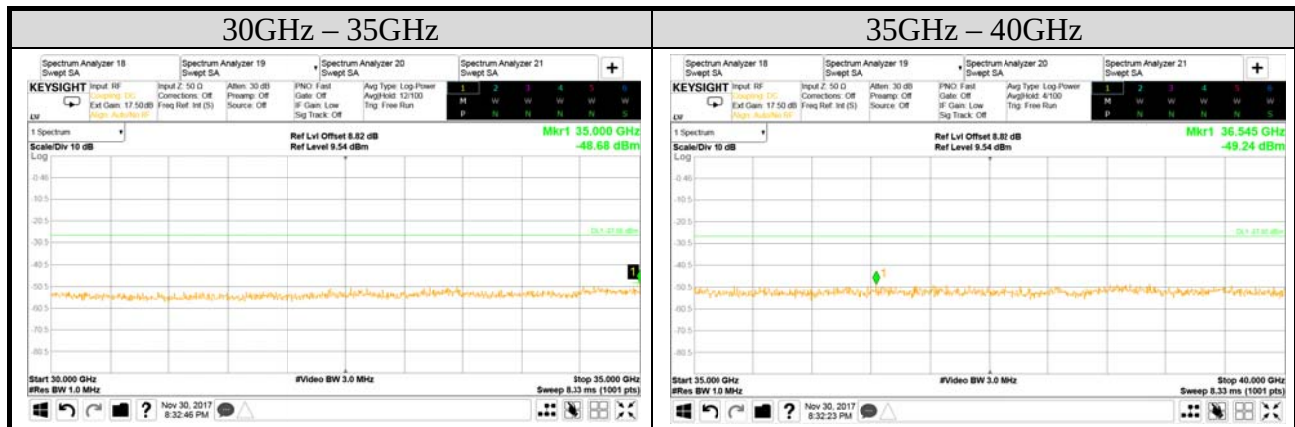


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Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11n-HT40	UNII Band	I
Cable Loss	3dB	Frequency	TX 5190MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)	0 for 802.11a, 3for 802.11n-HT20/40 and 802.11ac-VHT80		

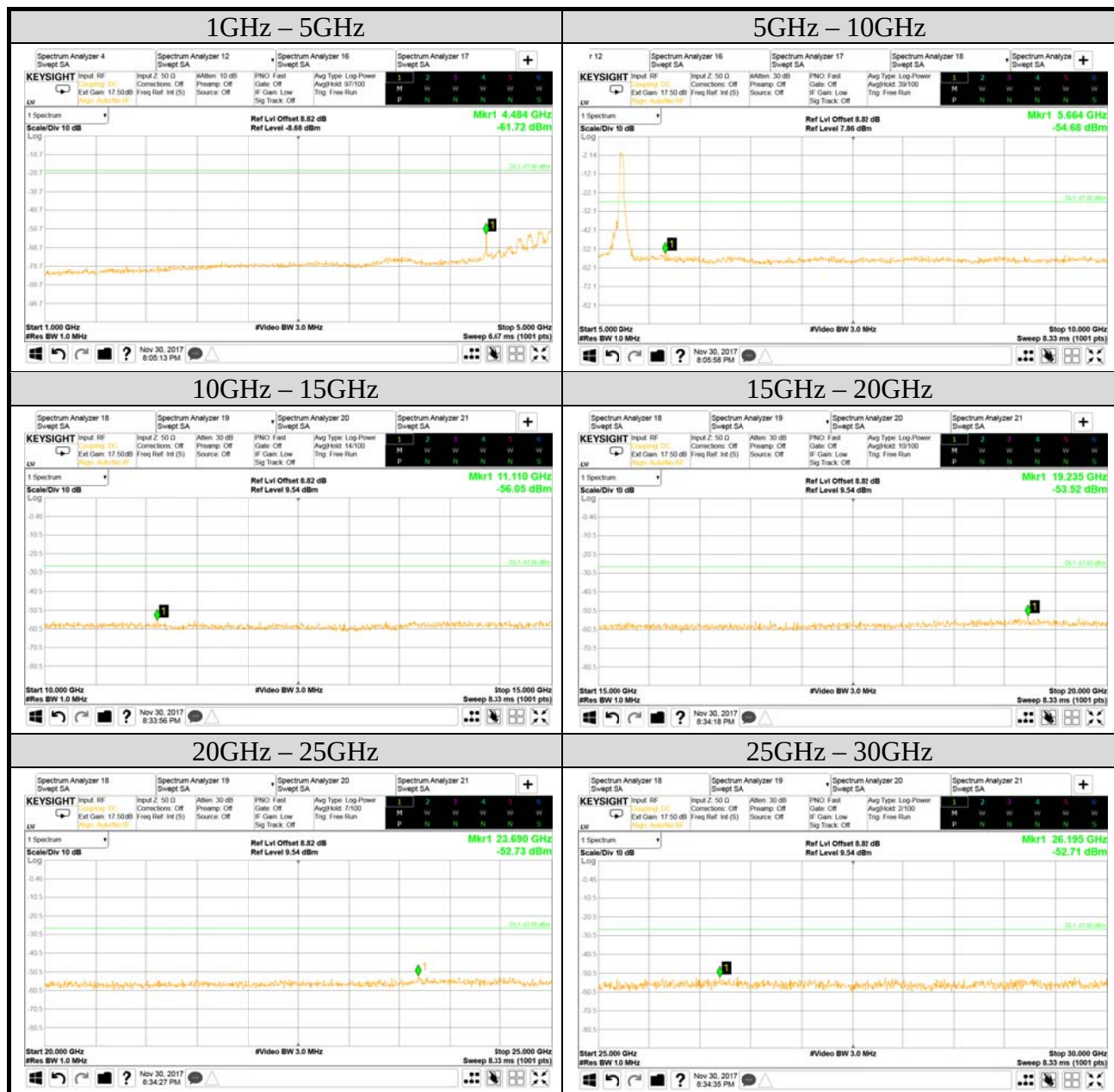


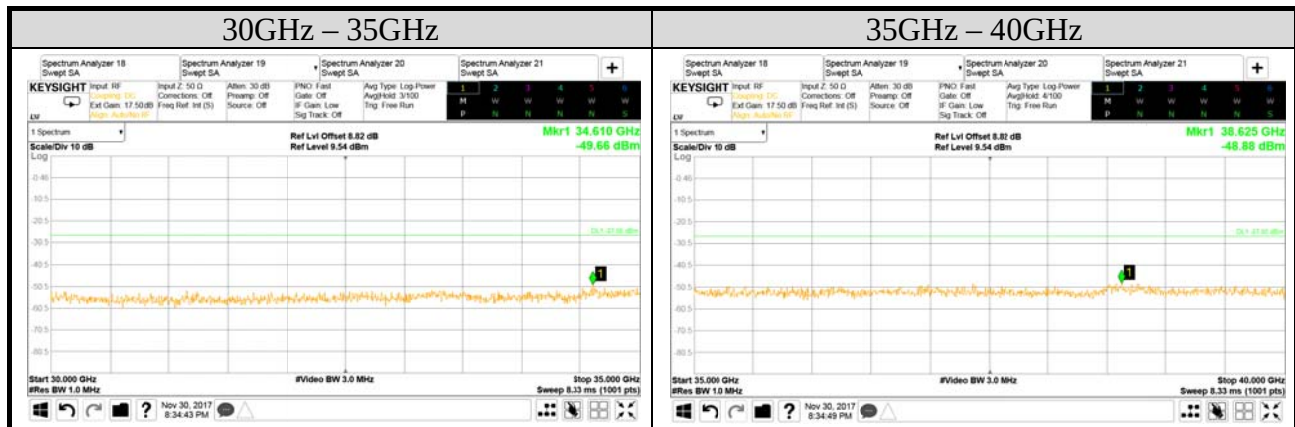


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Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11n-HT40	UNII Band	I
Cable Loss	3dB	Frequency	TX 5230MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	0 for 802.11a, 3for 802.11n-HT20/40 and 802.11ac-VHT80		

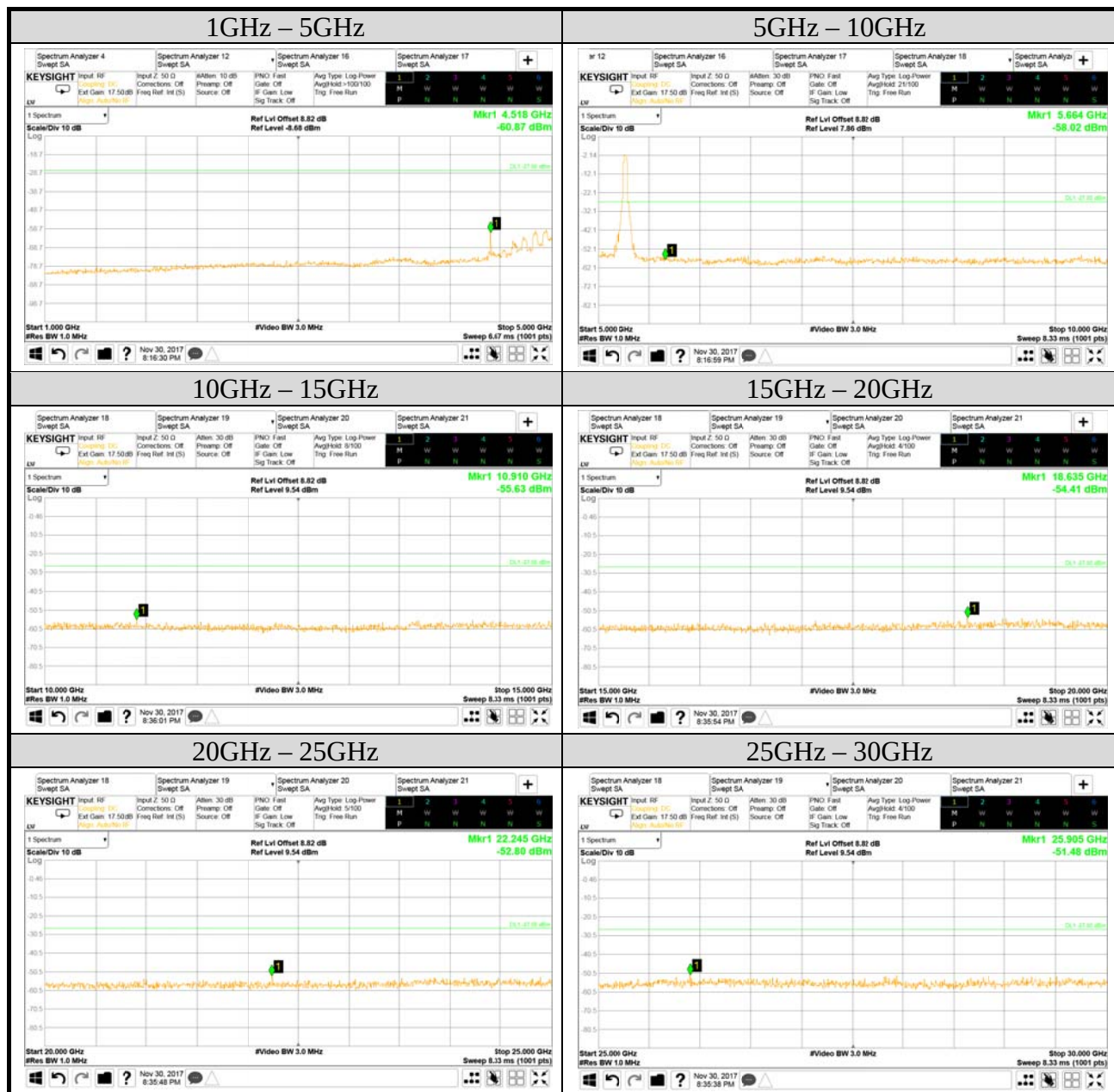


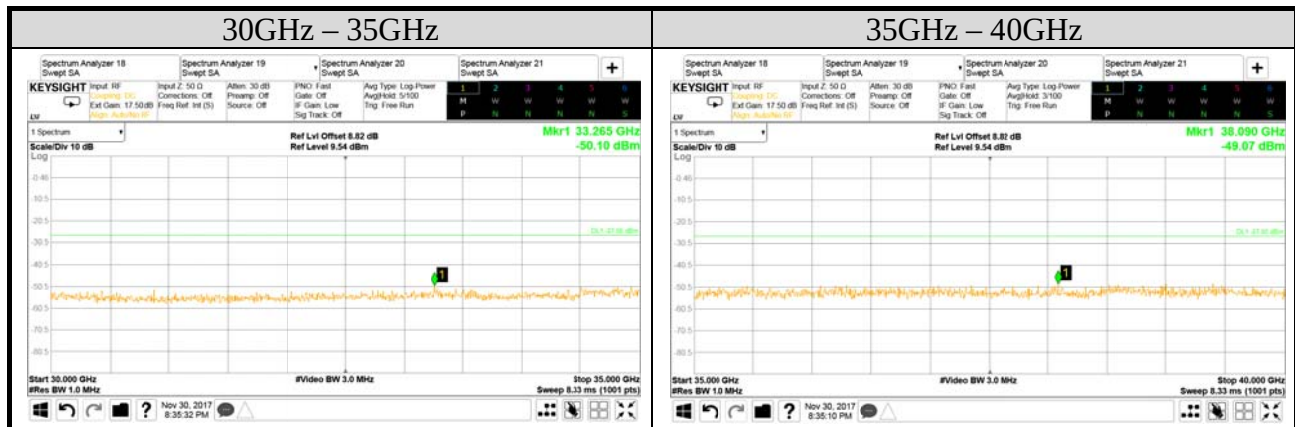


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Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11n-HT40	UNII Band	II-2A
Cable Loss	3dB	Frequency	TX 5270MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)	0 for 802.11a, 3for 802.11n-HT20/40 and 802.11ac-VHT803		

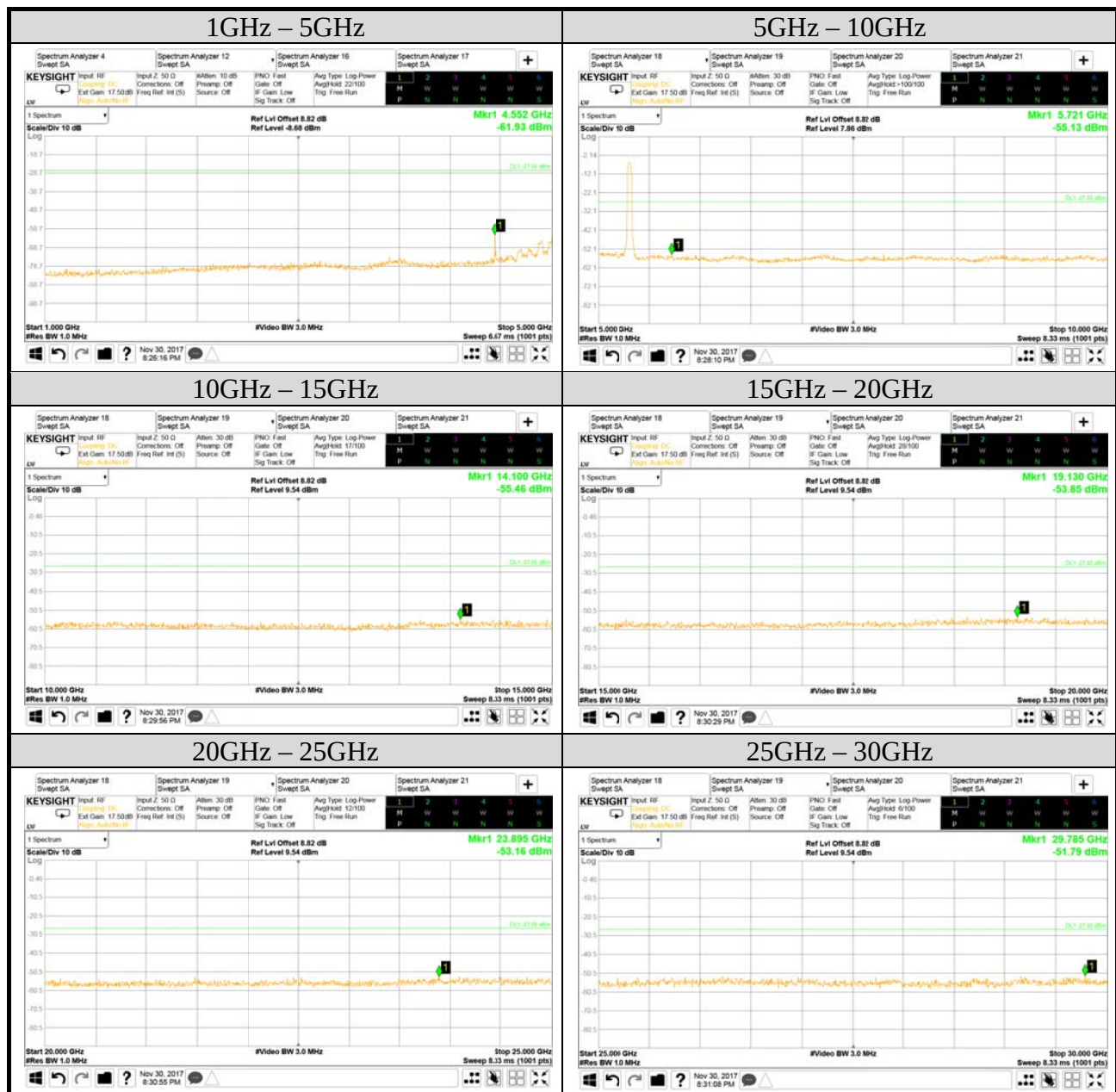


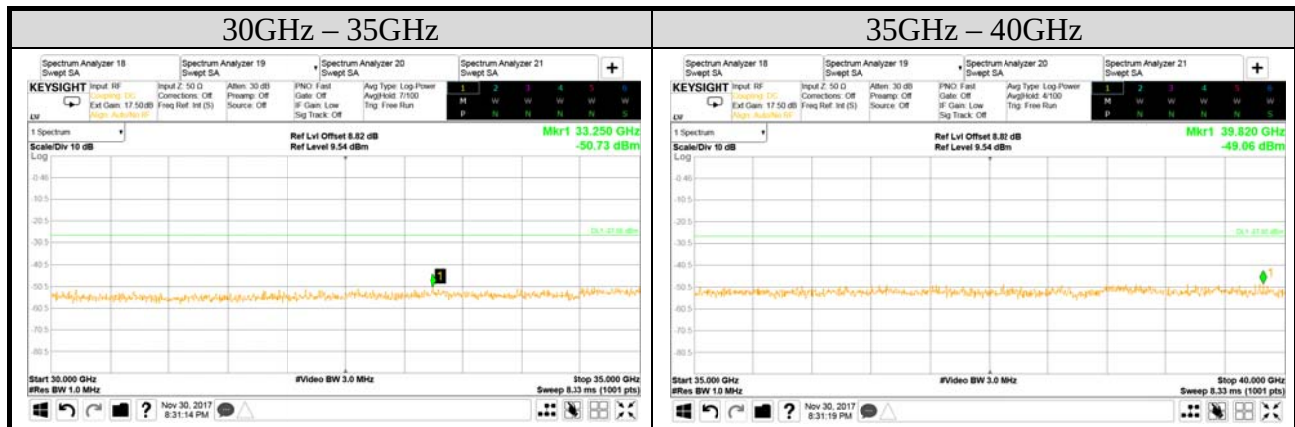


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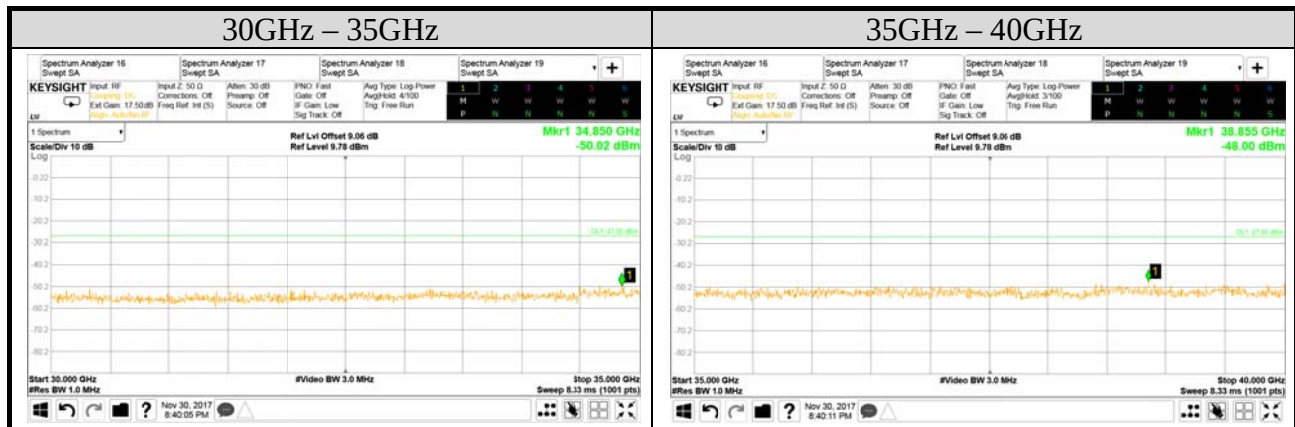
Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11n-HT40	UNII Band	II-2A
Cable Loss	3dB	Frequency	TX 5310MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)	0 for 802.11a, 3for 802.11n-HT20/40 and 802.11ac-VHT80		



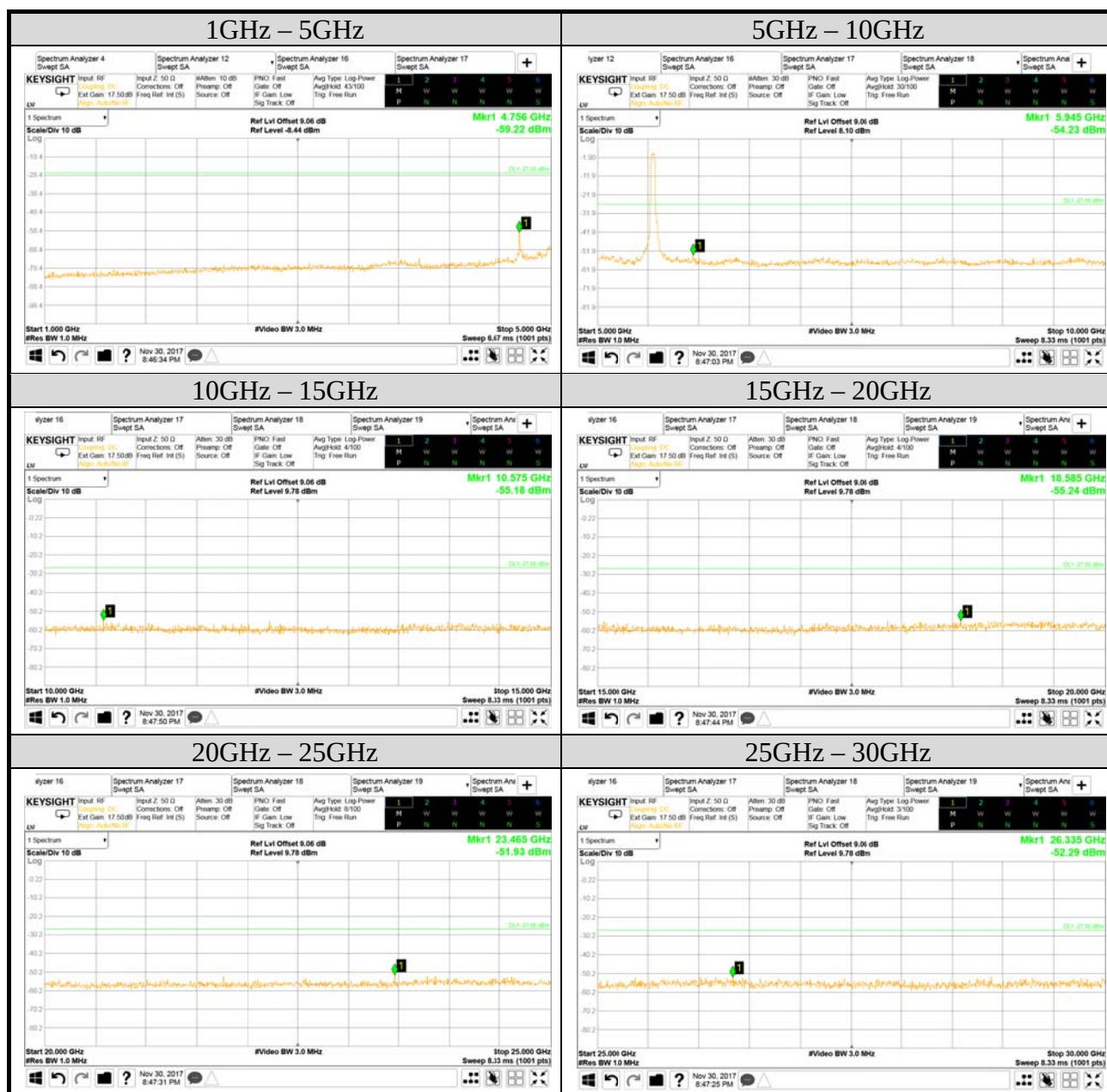


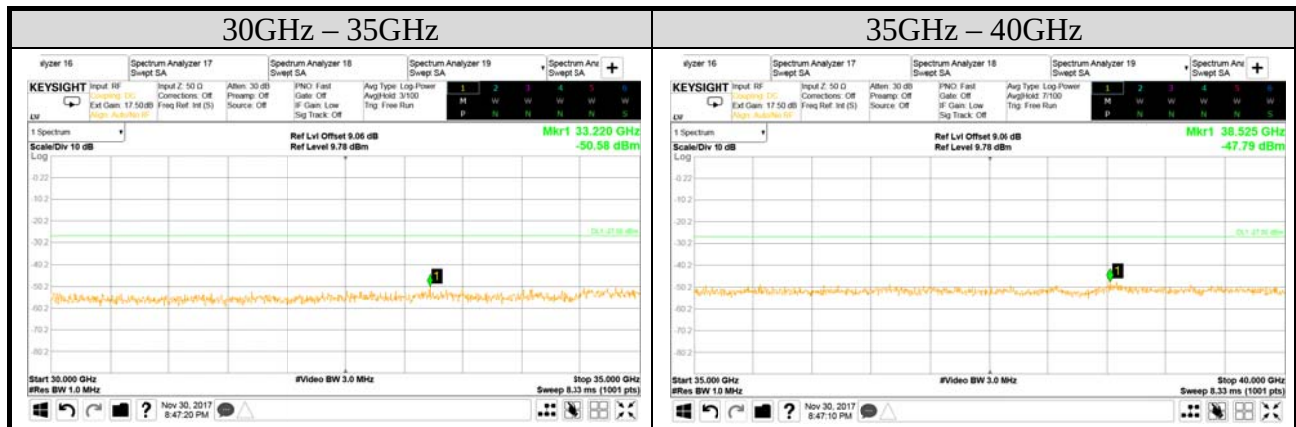
Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11n-HT40	UNII Band	II-2C
Cable Loss	3dB	Frequency	TX 5510MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	0 for 802.11a, 3for 802.11n-HT20/40 and 802.11ac-VHT80		





Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11n-HT40	UNII Band	II-2C
Cable Loss	3dB	Frequency	TX 5550MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	0 for 802.11a, 3 for 802.11n-HT20/40 and 802.11ac-VHT803		



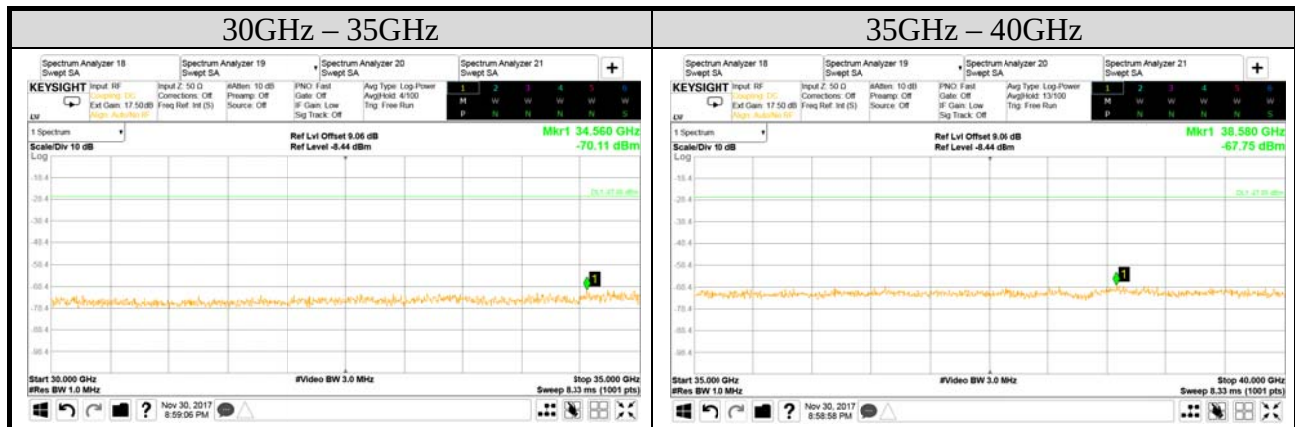


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Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11n-HT40	UNII Band	II-2C
Cable Loss	3dB	Frequency	TX 5670MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)	0 for 802.11a, 3for 802.11n-HT20/40 and 802.11ac-VHT803		

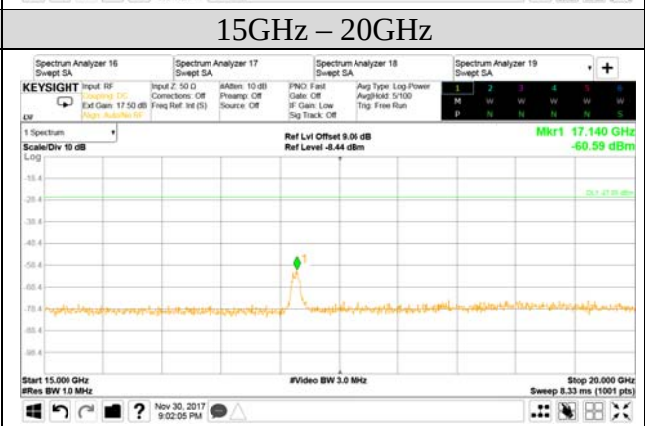
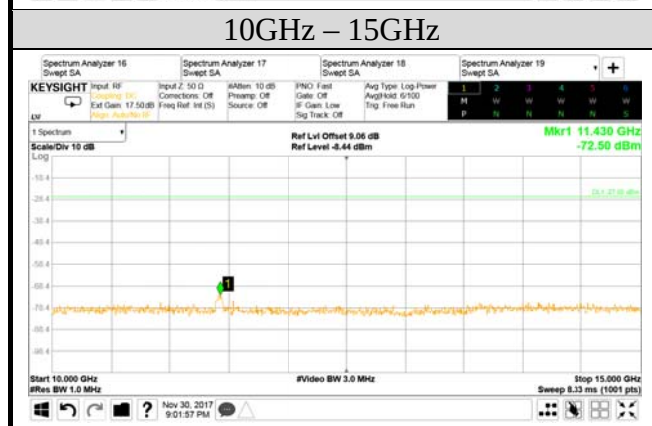
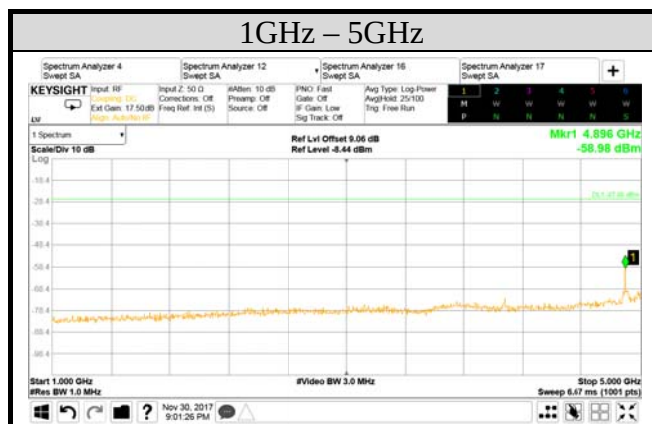
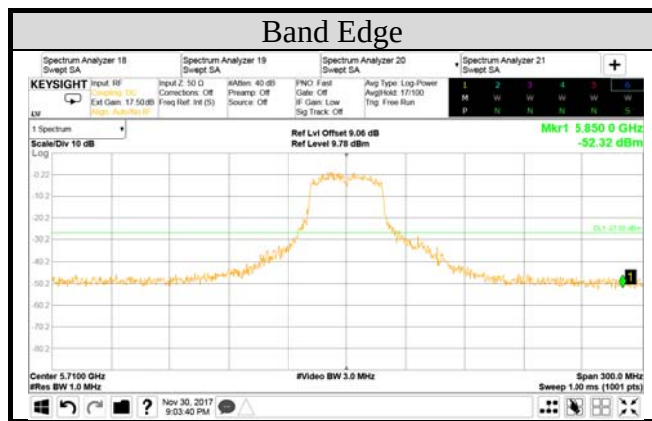




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Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11n-HT40	UNII Band	II-2C
Cable Loss	3dB	Frequency	TX 5710MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)	0 for 802.11a, 3for 802.11n-HT20/40 and 802.11ac-VHT803		



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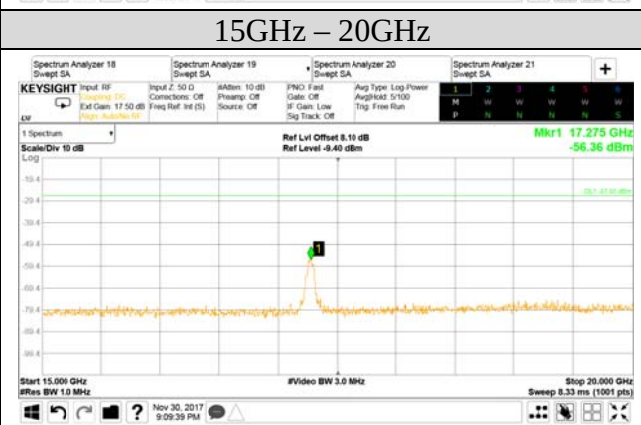
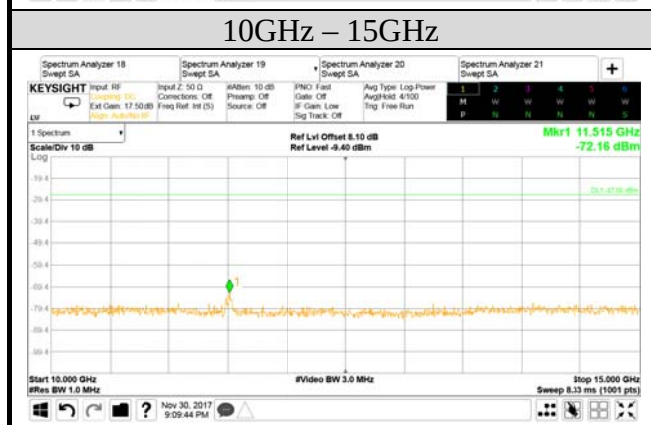
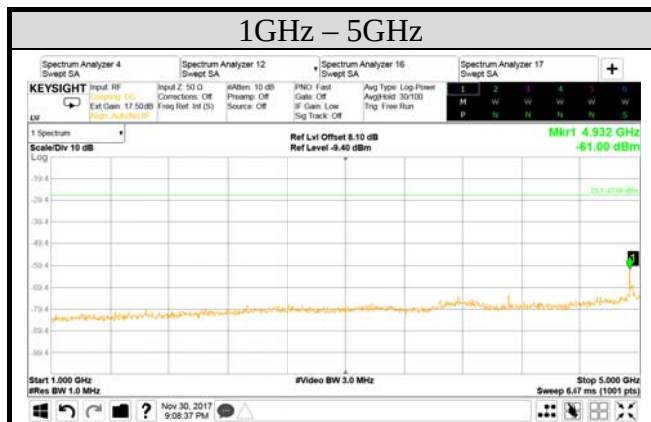
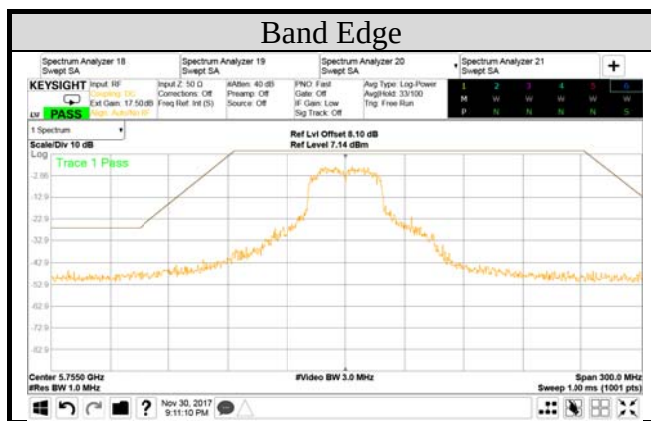
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Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11n-HT40	UNII Band	III
Cable Loss	3dB	Frequency	TX 5755MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	0 for 802.11a, 3 for 802.11n-HT20/40 and 802.11ac-VHT803		



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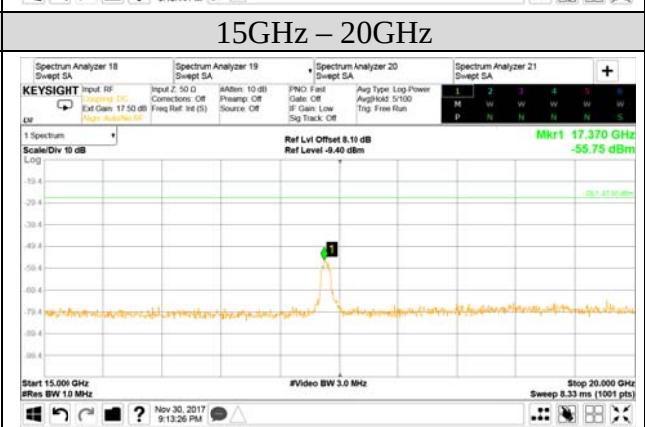
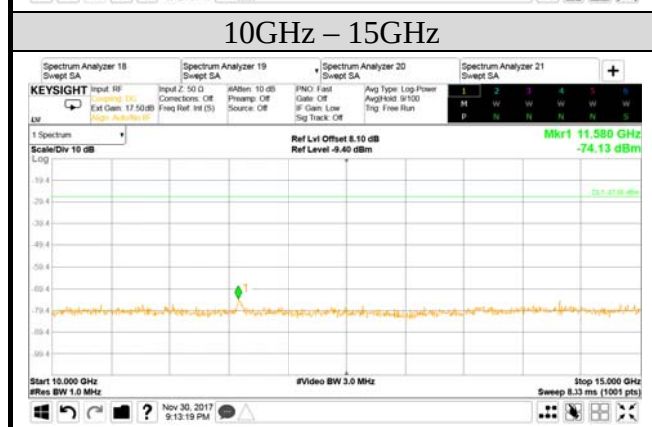
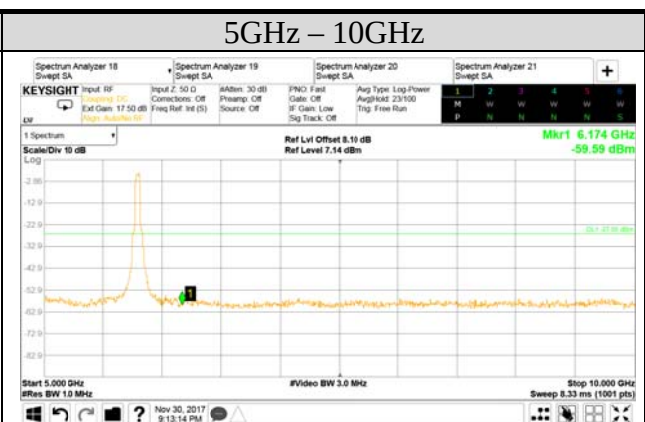
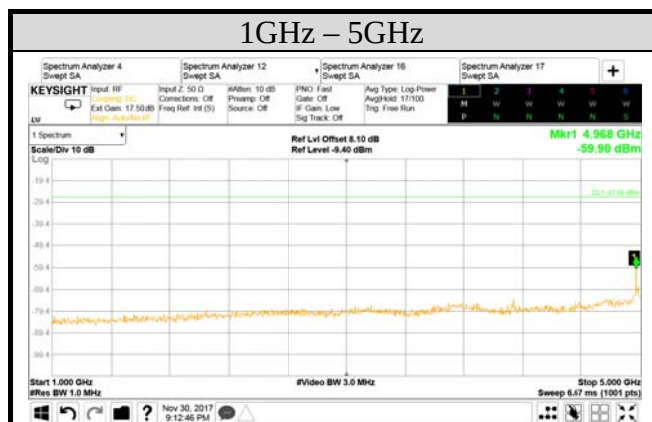
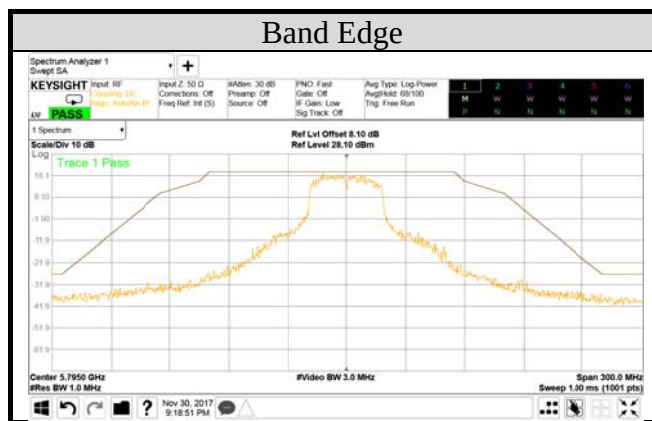
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Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11n-HT40	UNII Band	III
Cable Loss	3dB	Frequency	TX 5795MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	0 for 802.11a, 3for 802.11n-HT20/40 and 802.11ac-VHT803		

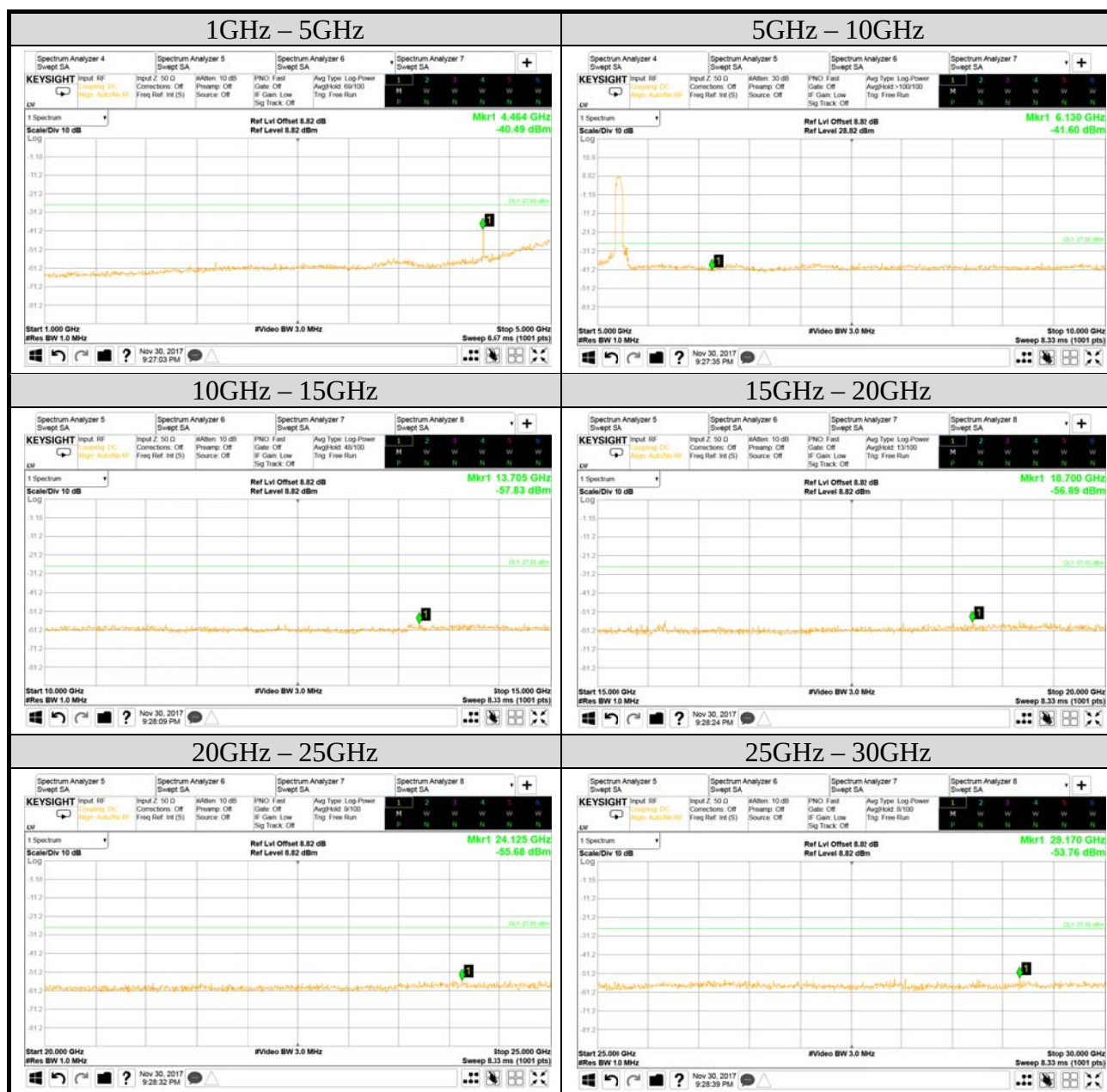


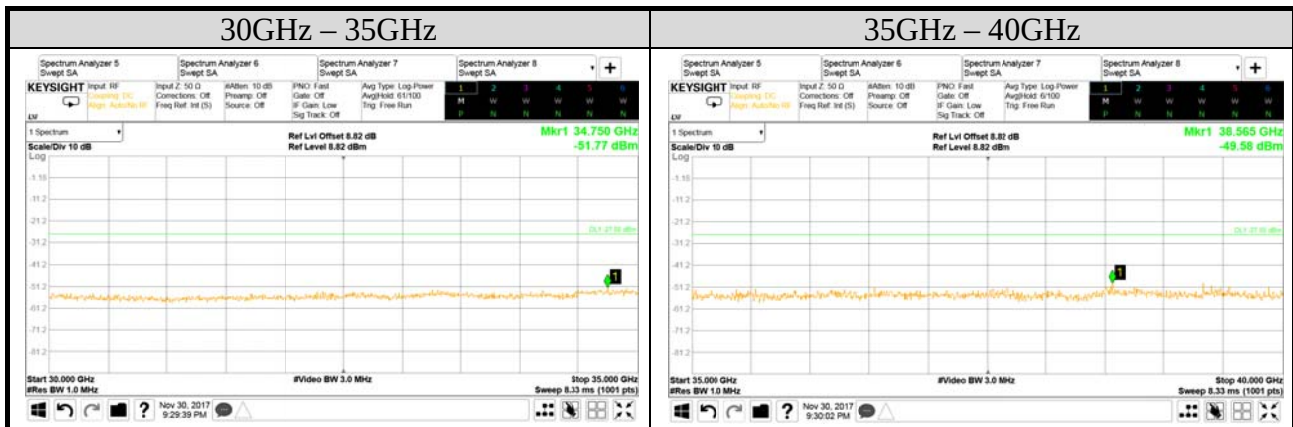
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Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT80	UNII Band	I
Cable Loss	3dB	Frequency	TX 5210MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	0 for 802.11a, 3for 802.11n-HT20/40 and 802.11ac-VHT803		

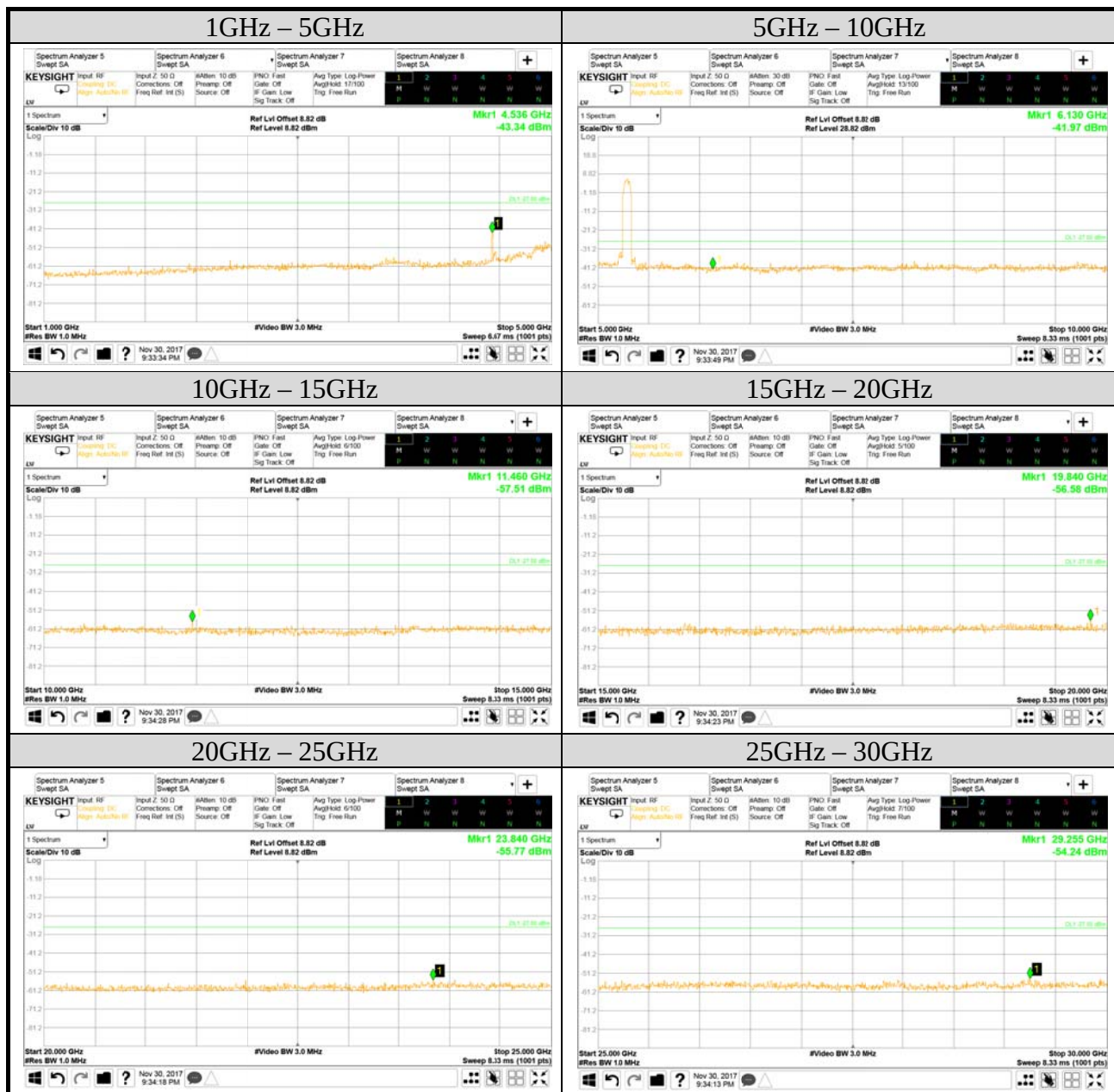


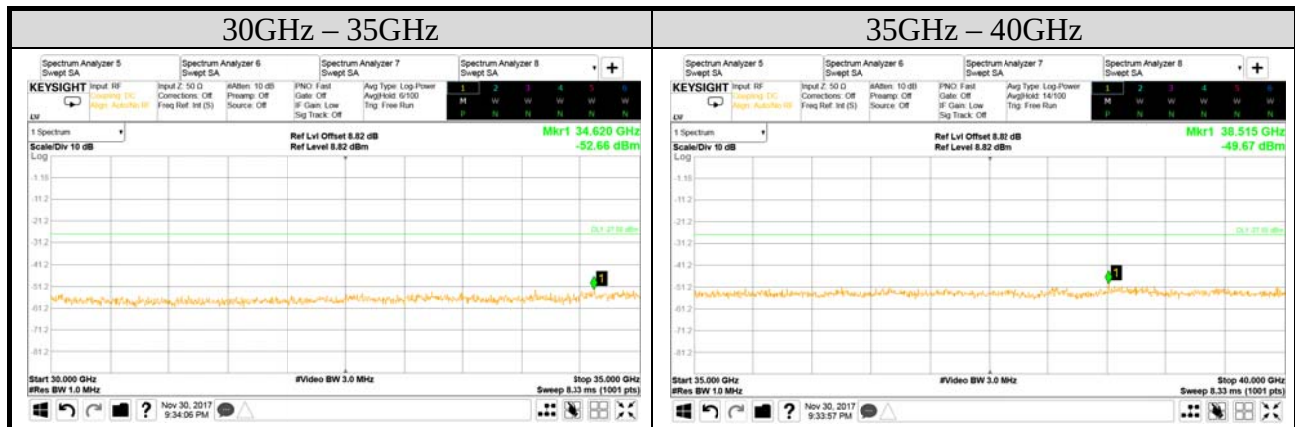


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Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT80	UNII Band	II-2A
Cable Loss	3dB	Frequency	TX 5290MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)	0 for 802.11a, 3for 802.11n-HT20/40 and 802.11ac-VHT803		





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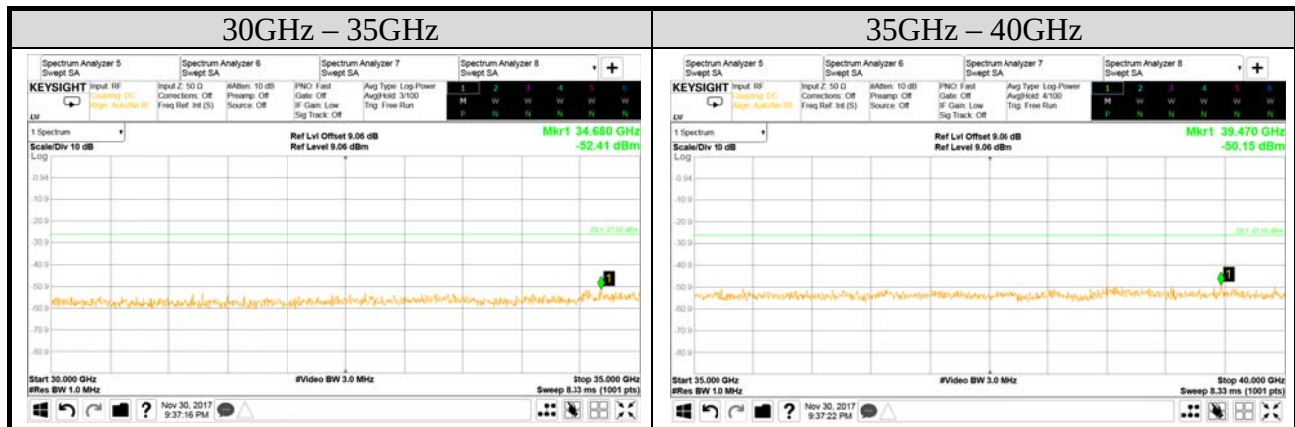
New Taipei City244, Taiwan

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Fax: +886 2 26099303

Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT80	UNII Band	II-2C
Cable Loss	3dB	Frequency	TX 5530MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	0 for 802.11a, 3for 802.11n-HT20/40 and 802.11ac-VHT803		





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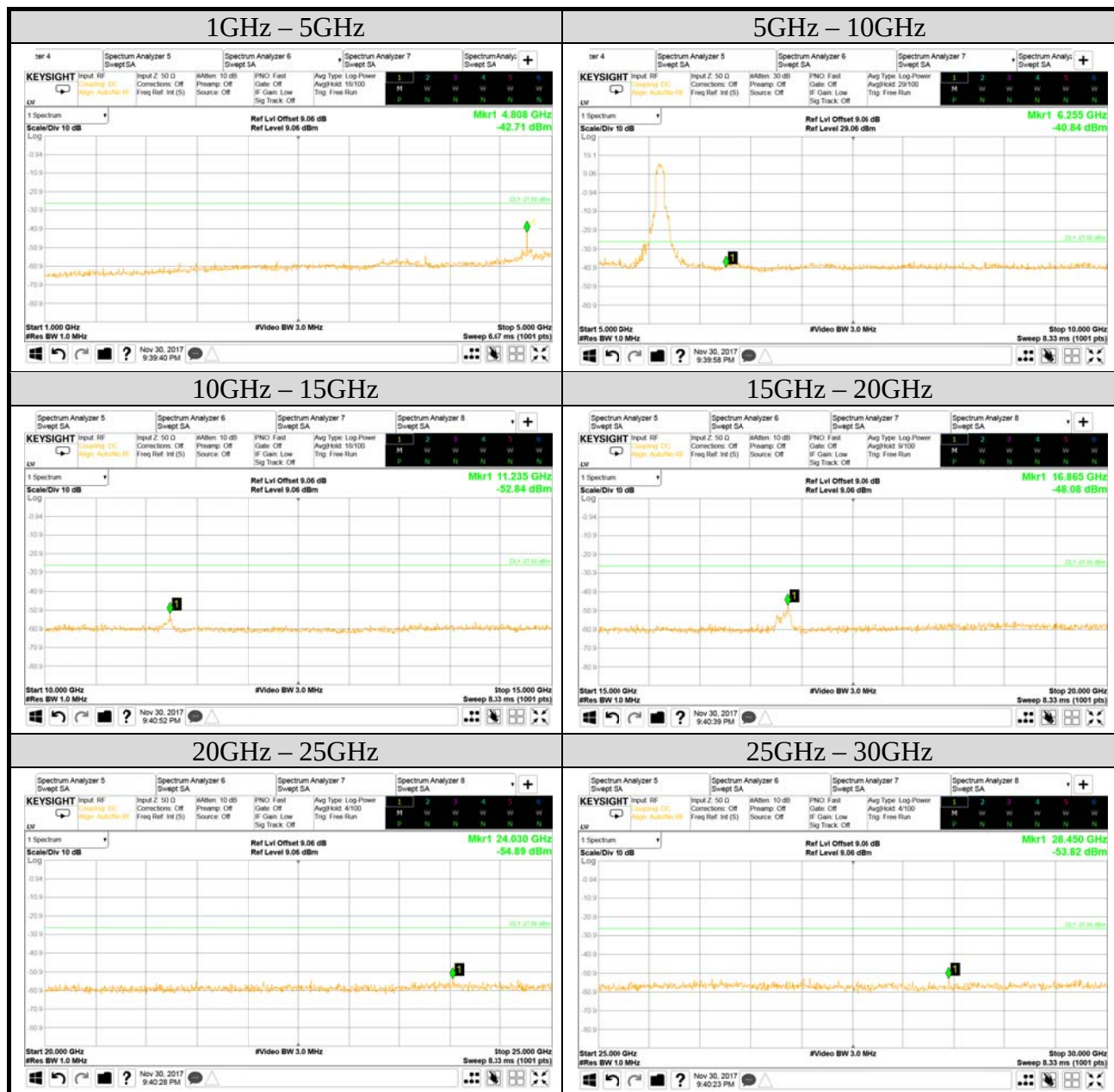
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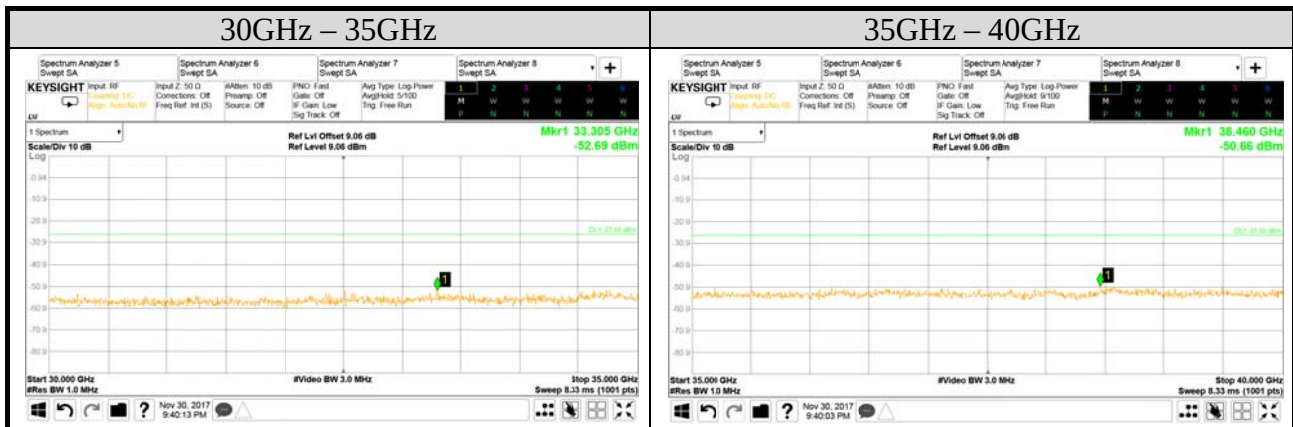
New Taipei City244, Taiwan

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Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT80	UNII Band	II-2C
Cable Loss	3dB	Frequency	TX 5610MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)	0 for 802.11a, 3for 802.11n-HT20/40 and 802.11ac-VHT803		

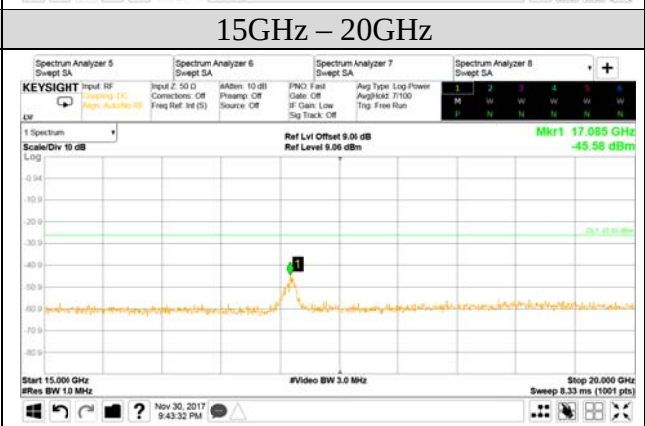
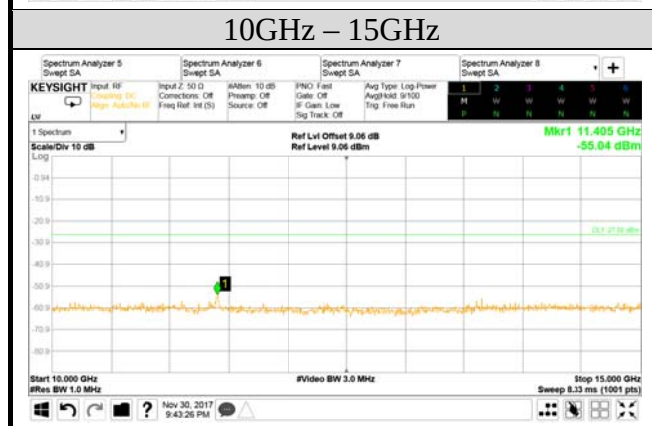
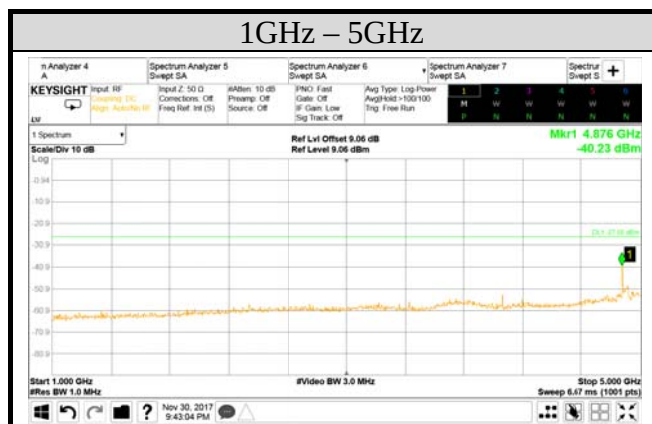
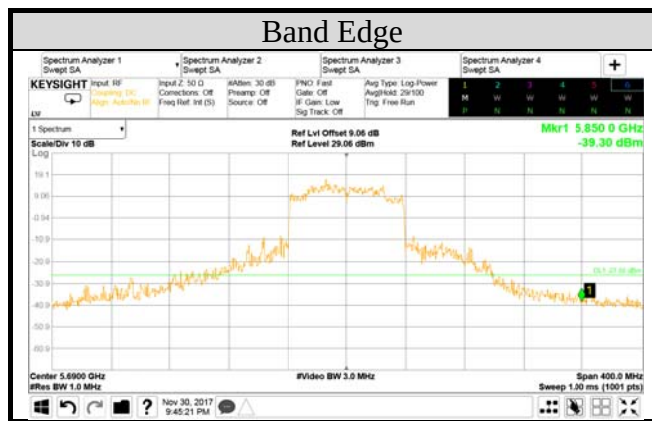




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Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT80	UNII Band	II-2C
Cable Loss	3dB	Frequency	TX 5690MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)	0 for 802.11a, 3for 802.11n-HT20/40 and 802.11ac-VHT803		



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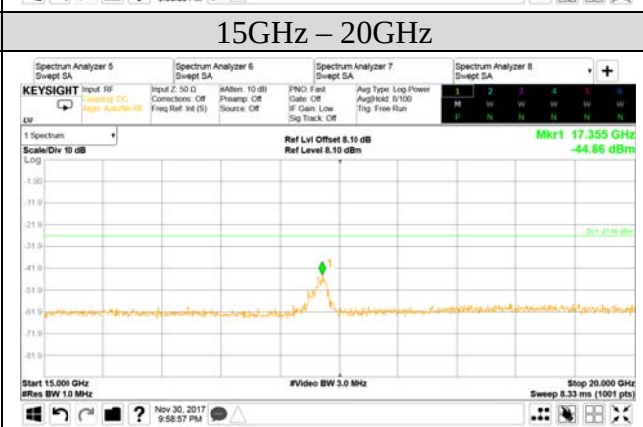
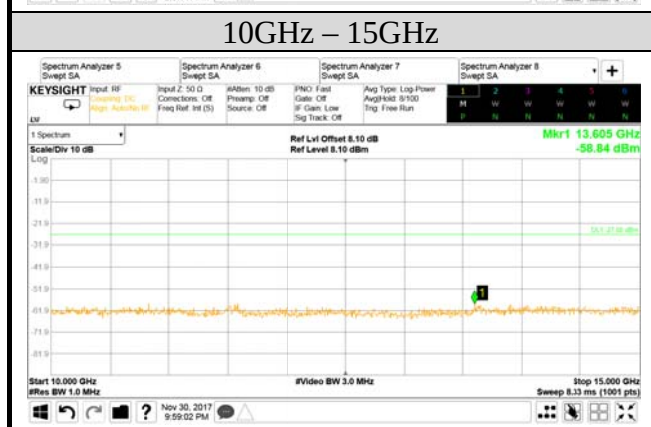
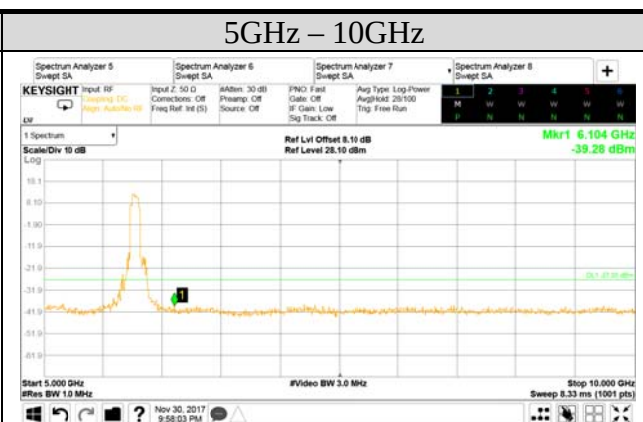
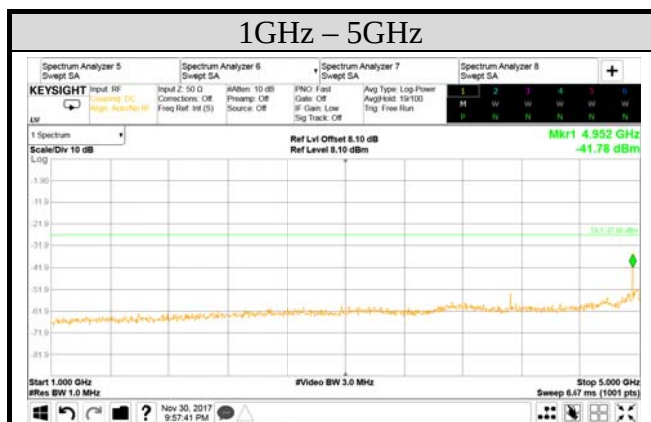
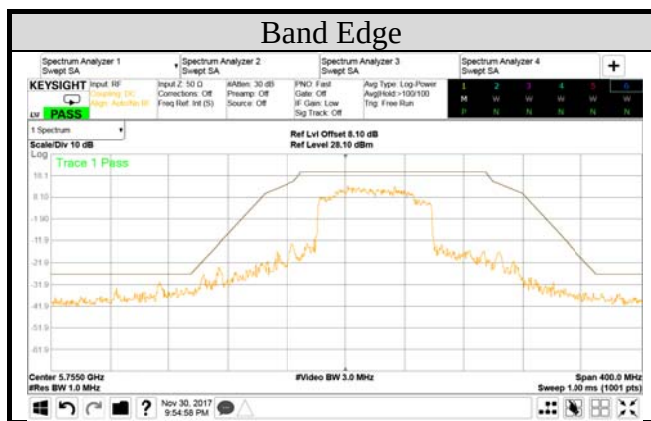
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Test Date	2017/11/30	Temp./Hum.	25°C/55%
Mode	802.11ac-VHT80	UNII Band	III
Cable Loss	3dB	Frequency	TX 5775MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	0 for 802.11a, 3 for 802.11n-HT20/40 and 802.11ac-VHT803		



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A.6 POWER SPECTRAL DENSITY

Test Date	2017/11/28 ~ 29	Temp./Hum.	25°C/55%
Cable Loss	3dB	Test Voltage	AC 120V, 60Hz (Via AC Adapter)
Simultaneous Factor $10 \log(n)$ (Note: “n” is antenna number)			0 for 802.11a, 0 for 802.11n-HT20/40 and 802.11ac-VHT80

A.6.1 Power Spectral Density Result

Mode	UNII Band	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
802.11a	I	5180	7.150	11 dBm/MHz
		5200	5.398	
		5240	8.005	
	II-2A	5260	7.346	
		5300	6.798	
		5320	2.622	
	II-2C	5500	3.536	
		5580	6.266	
		5700	5.361	
		5720	7.150	
	III ^{Note2}	5720	4.038	30dBm/500 kHz
		5745	5.926	
		5785	6.475	
		5825	6.379	

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
802.11n-HT20	I	5180	7.243	11 dBm/MHz
		5200	10.512	
		5240	10.252	
	II-2A	5260	10.380	
		5300	10.007	
		5320	7.517	
	II-2C	5500	10.182	
		5580	9.390	
		5700	5.961	
		5720	6.522	
	III ^{Note2}	5720	2.286	30dBm/500 kHz
		5745	8.711	
		5785	8.860	
		5825	8.319	
802.11n-HT40	I	5190	2.944	11 dBm/MHz
		5230	7.419	
	II-2A	5270	7.332	
		5310	0.252	
	II-2C	5510	3.093	
		5550	6.167	
		5670	5.707	
		5710	7.025	
	III ^{Note2}	5710	1.900	30dBm/500 kHz
		5755	6.645	
		5795	6.431	

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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Modulation Type	UNII Band	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
802.11ac-VHT80	I	5210	-1.051	11 dBm/MHz
	II-2A	5290	-2.854	
	II-2C	5530	-3.436	
		5610	4.870	
		5690	4.342	
	III	5690	1.671	30dBm/500 kHz
		5775	3.093	

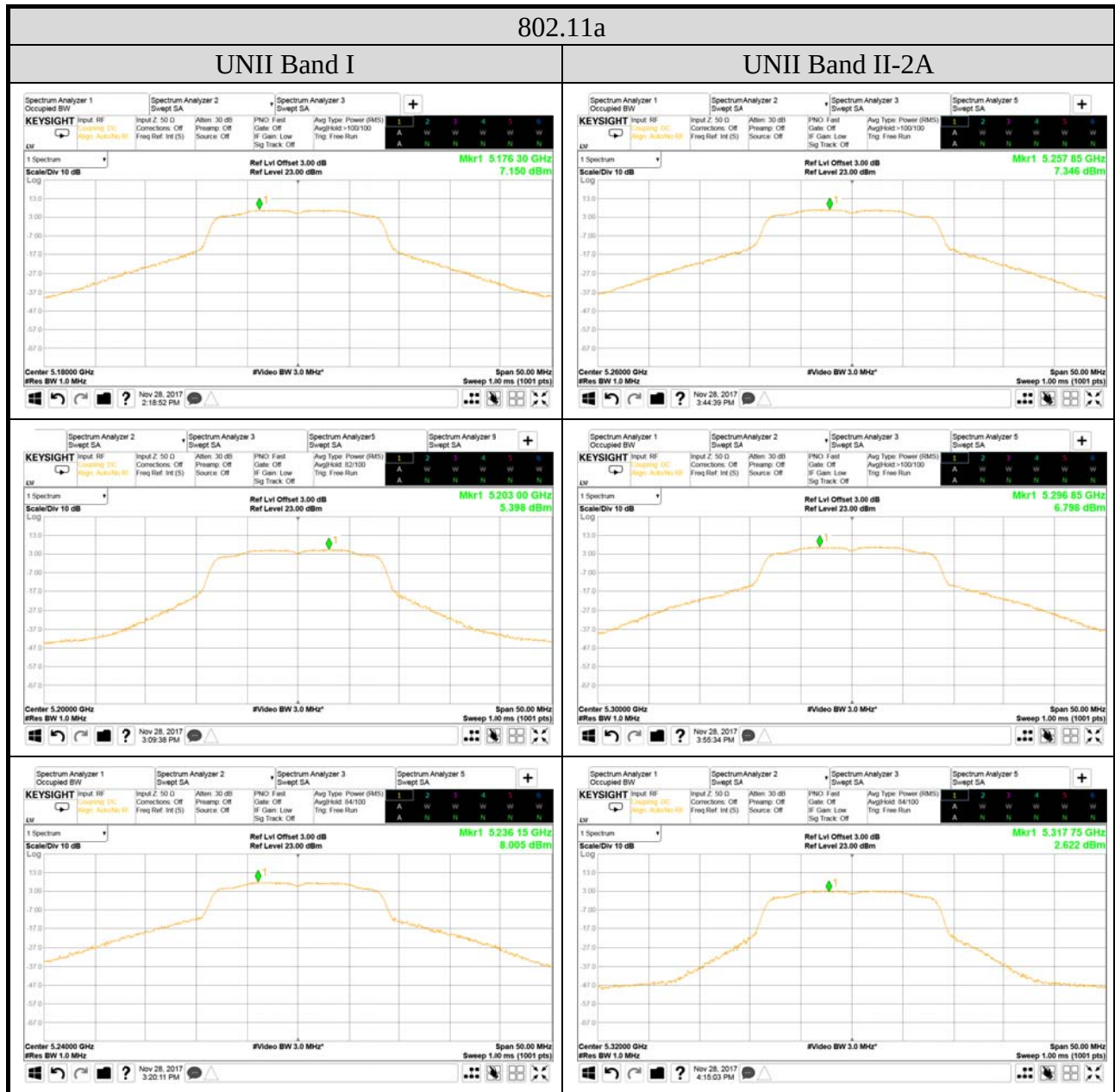
Note 1: All results have been included cable loss and Simultaneous Factor.

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

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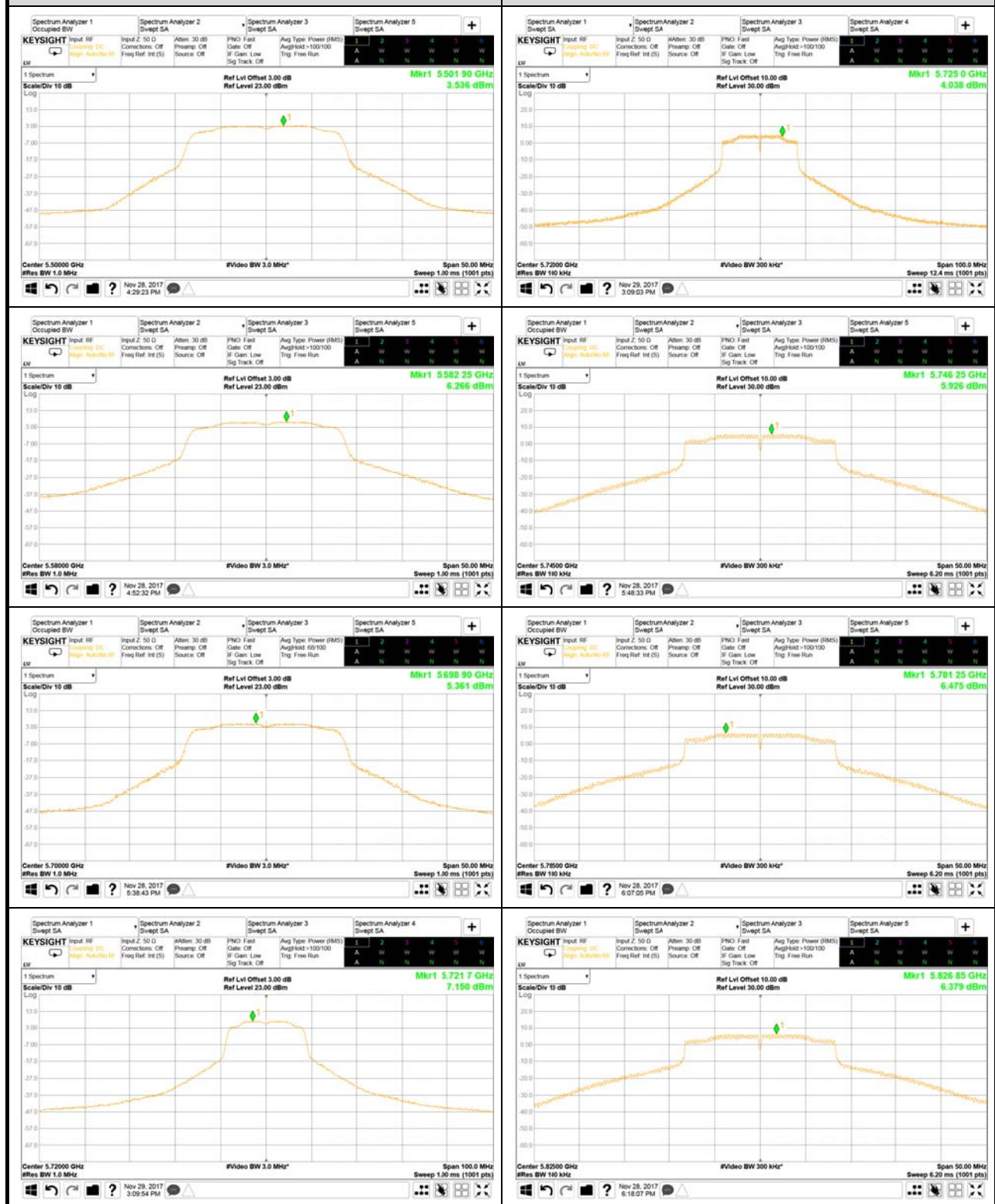
A.6.2 Measurement Plots



802.11a

UNII Band II-2C

UNII Band III

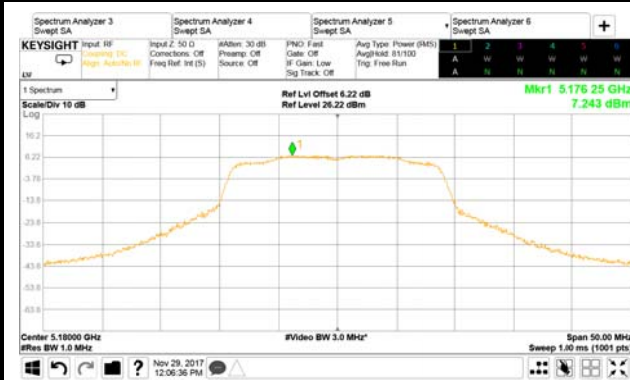


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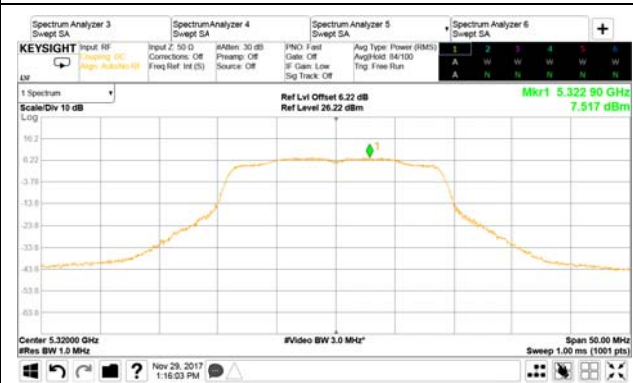
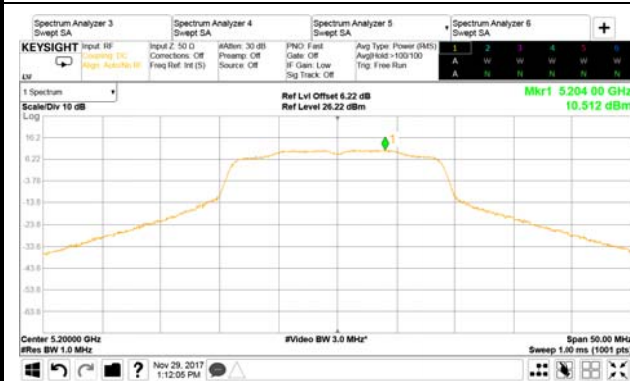
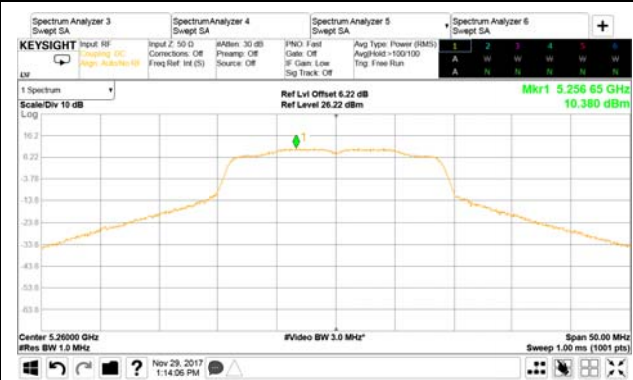
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802.11n-HT20

UNII Band I

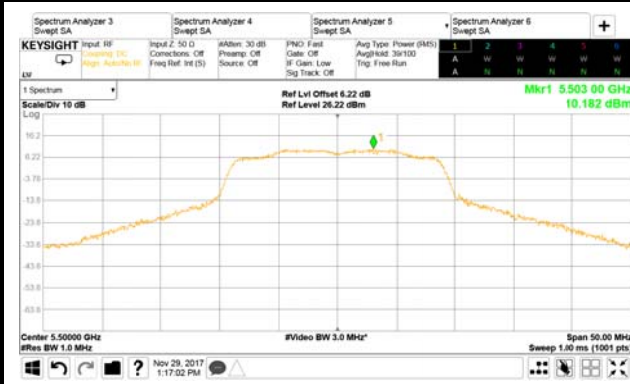


UNII Band II-2A

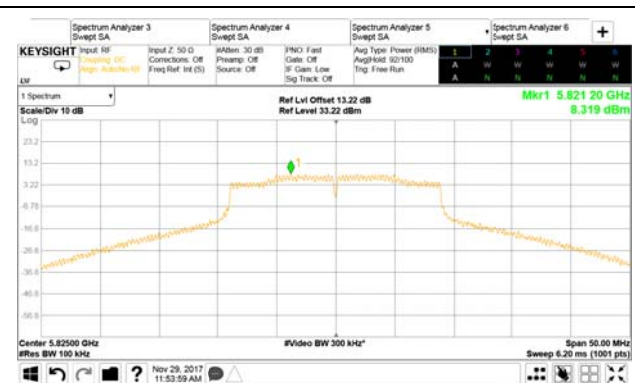
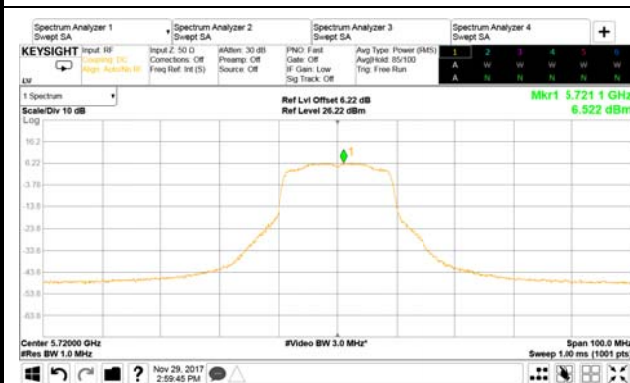
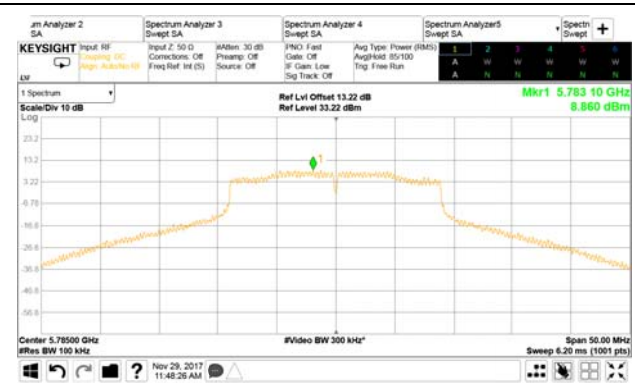
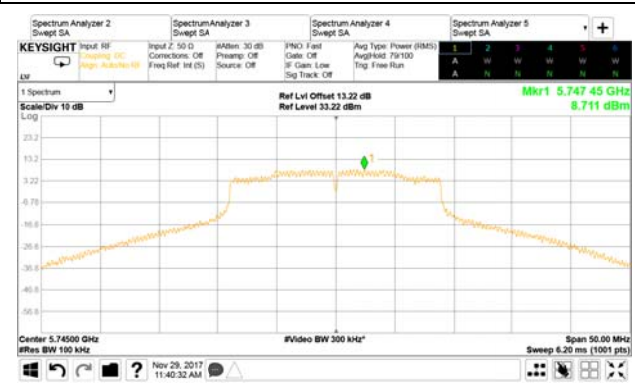
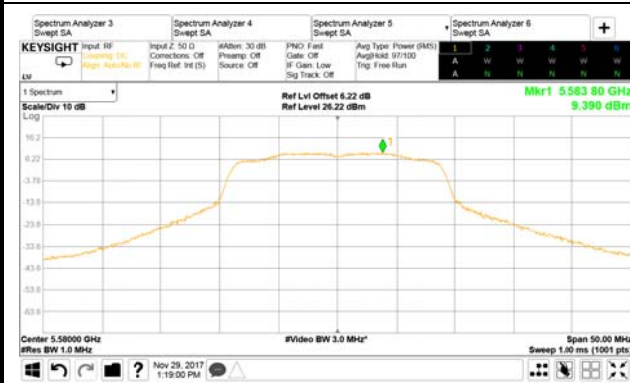
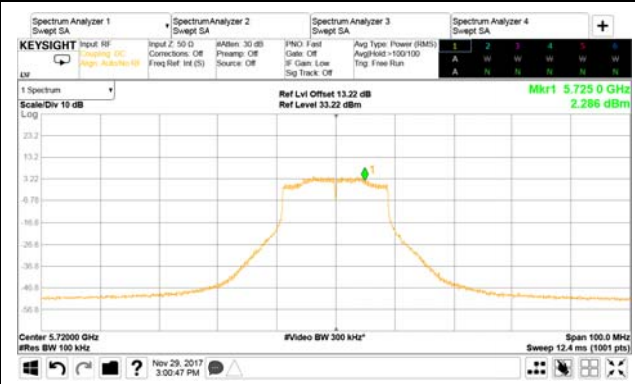


802.11n-HT20

UNII Band II-2C

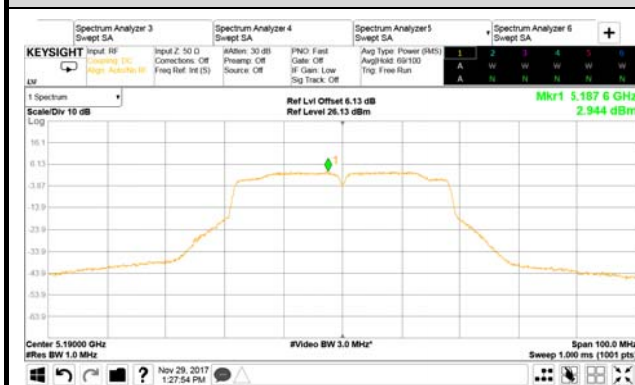


UNII Band III

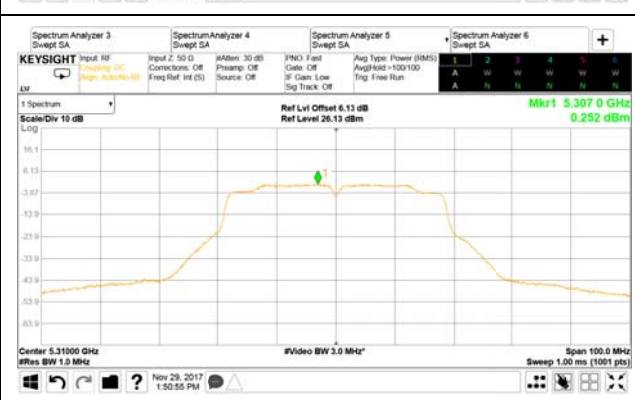
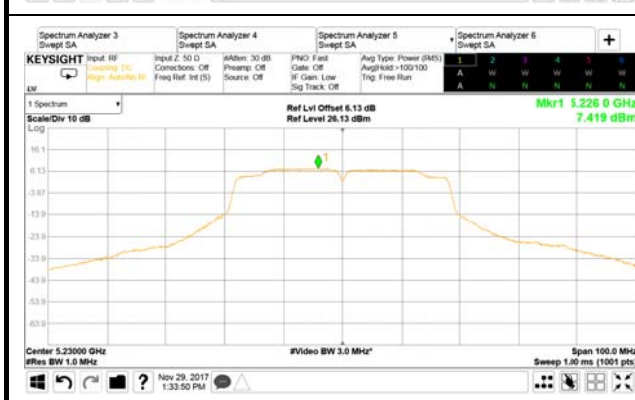


802.11n-HT40

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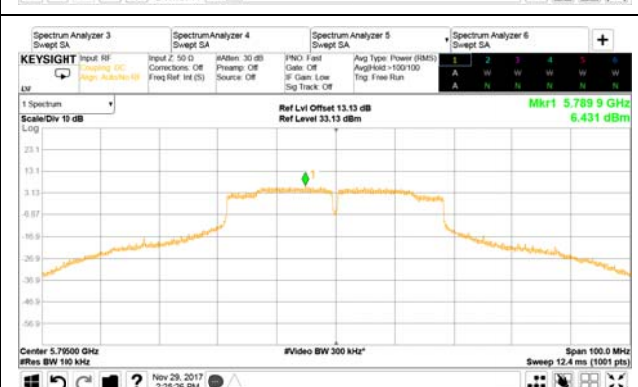
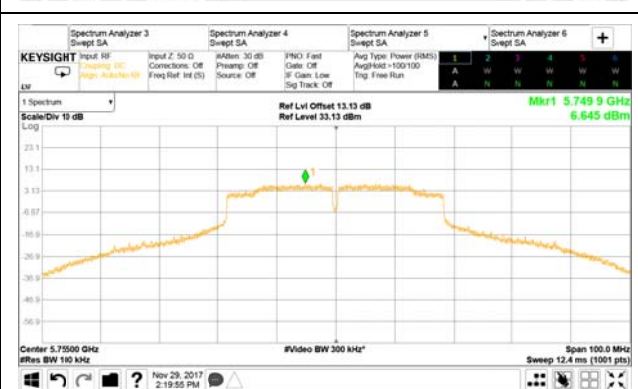
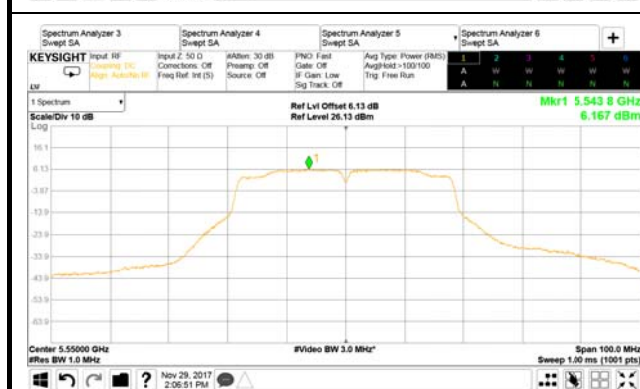


802.11n-HT40

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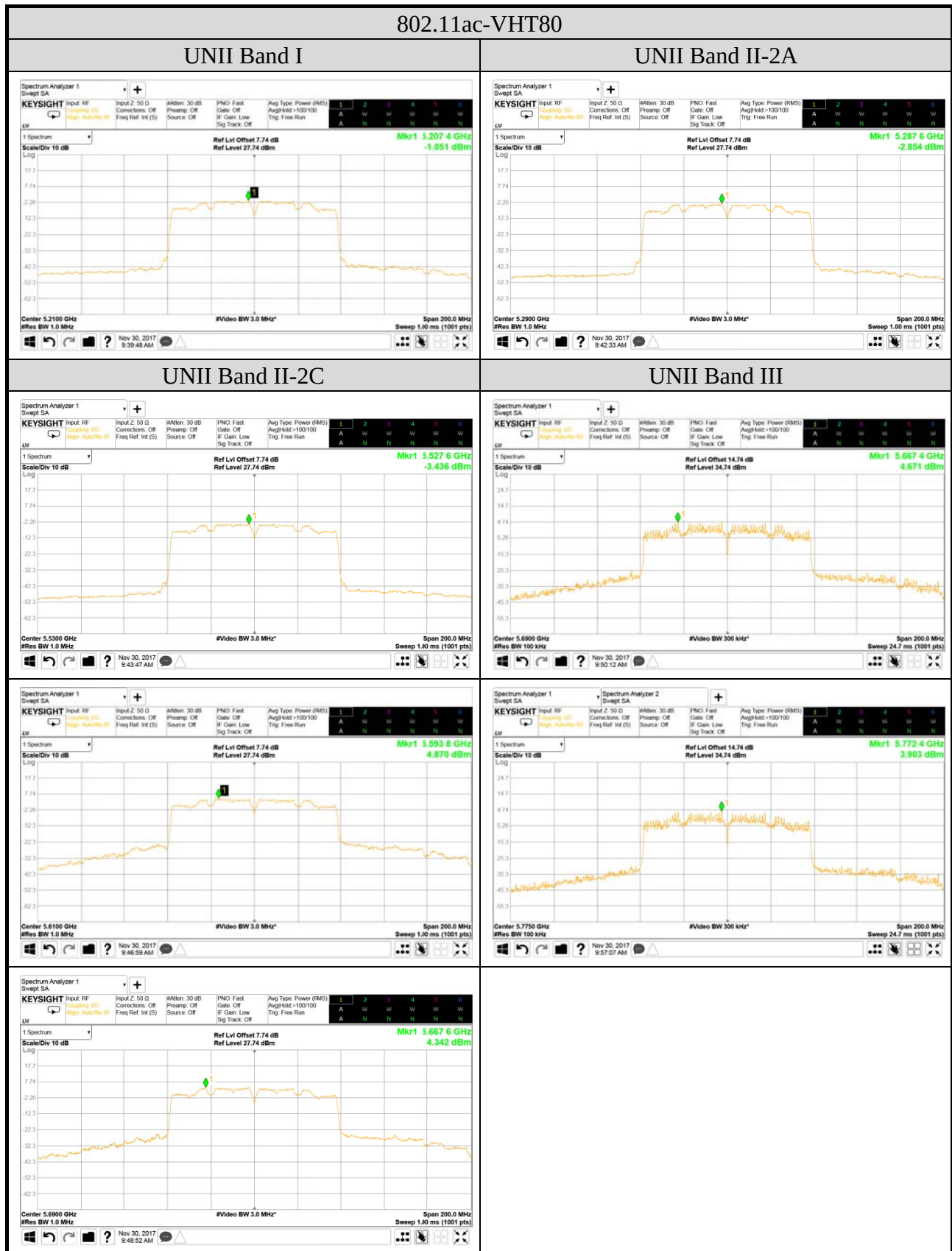


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A.7 FREQUENCY STABILITY

Test Date	2017/11/28	Temp./Hum.	25°C/55%
Cable Loss	---	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)			0 for 802.11a, 0 for 802.11n-HT20/40 and 802.11ac-VHT80

A.7.1 Frequency stability Result

5180MHz					
Temperature(°C)	-30	-20	-10	0	25
Voltage (Vac)	138	138	138	138	120
Frequency(MHz)	5179.974	5179.988	5179.987	5180.006	5180.010
Frequency Stability (ppm)	-5.019	-2.317	-2.510	1.158	1.931
Temperature(°C)	-30	-20	-10	0	
Voltage (Vac)	102	102	102	102	
Frequency(MHz)	5179.969	5179.982	5179.995	5180.002	
Frequency Stability (ppm)	-5.985	-3.475	-0.965	0.386	
Temperature(°C)	50	40	30	20	10
Voltage (Vac)	138	138	138	138	138
Frequency(MHz)	5180.038	5180.037	5180.015	5180.019	5180.004
Frequency Stability (ppm)	7.336	7.143	2.896	3.668	0.772
Temperature(°C)	50	40	30	20	10
Voltage (Vac)	102	102	102	102	102
Frequency(MHz)	5180.054	5180.045	5180.025	5180.012	5180.009
Frequency Stability (ppm)	10.425	8.687	4.826	2.317	1.737