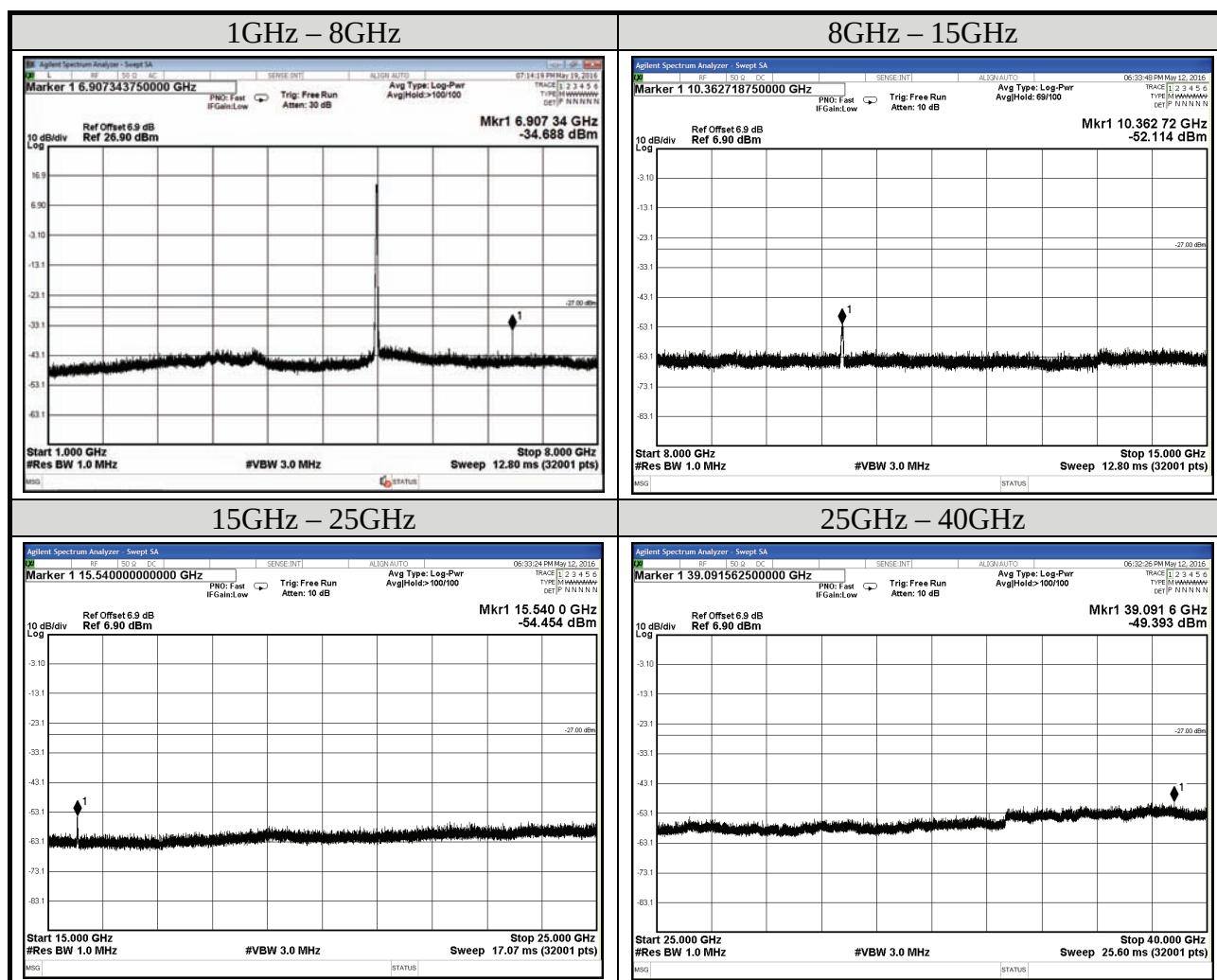
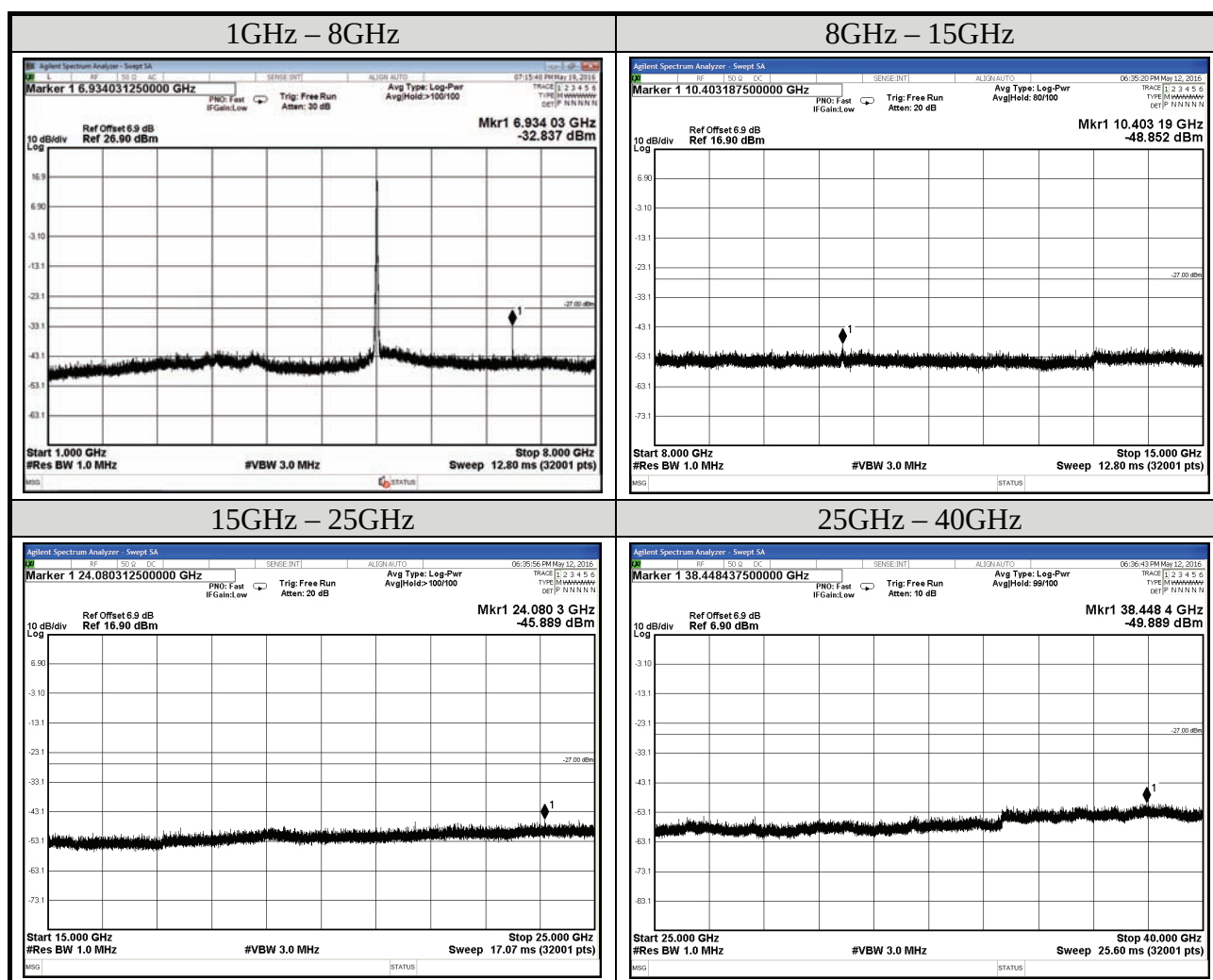


A.3 EMISSION LIMITATIONS MEASUREMENT

Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11a	UNII Band	I
Cable Loss	6.9dB	Frequency	TX 5180MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	0		



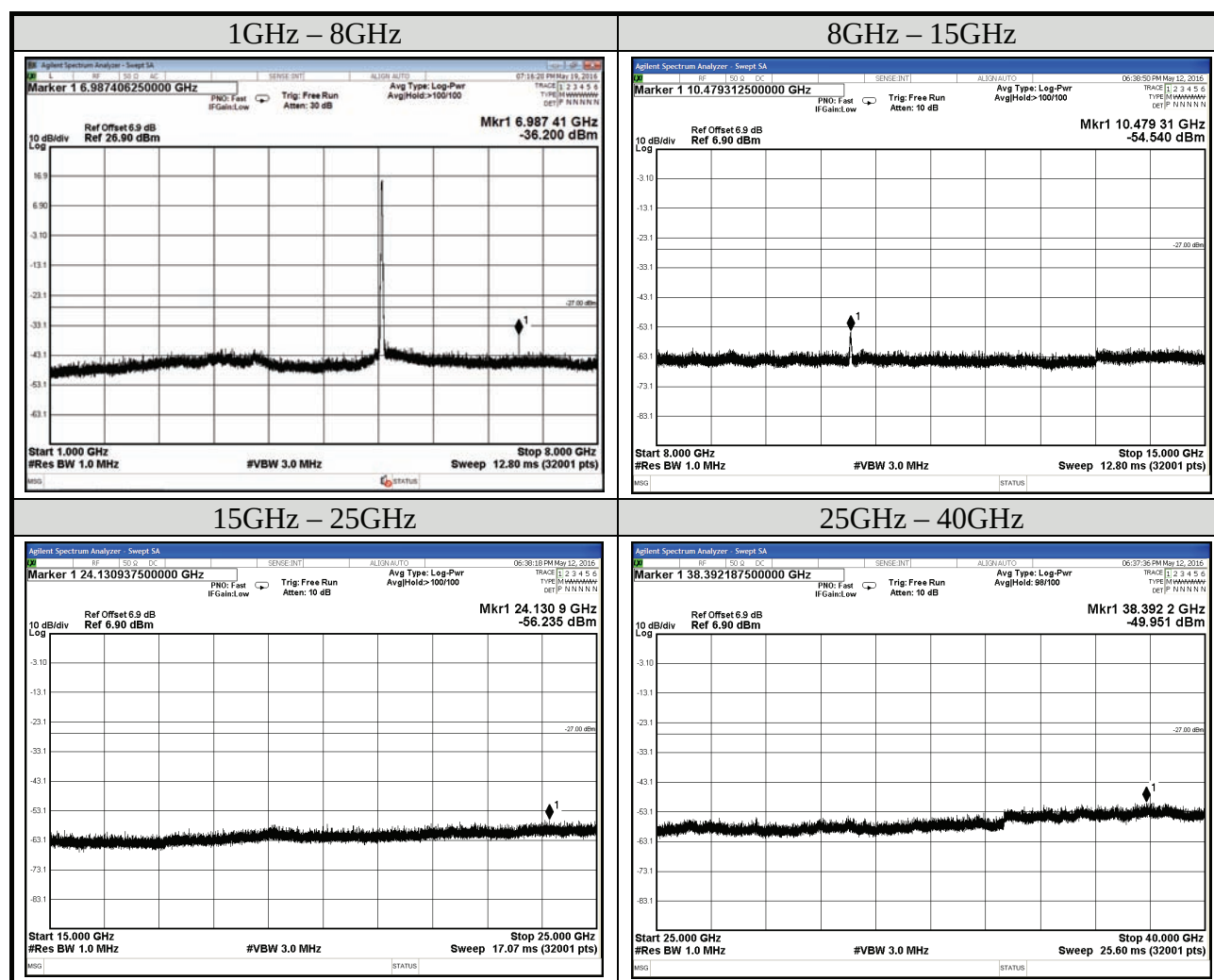
Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11a	UNII Band	I
Cable Loss	6.9dB	Frequency	TX 5200MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	0		



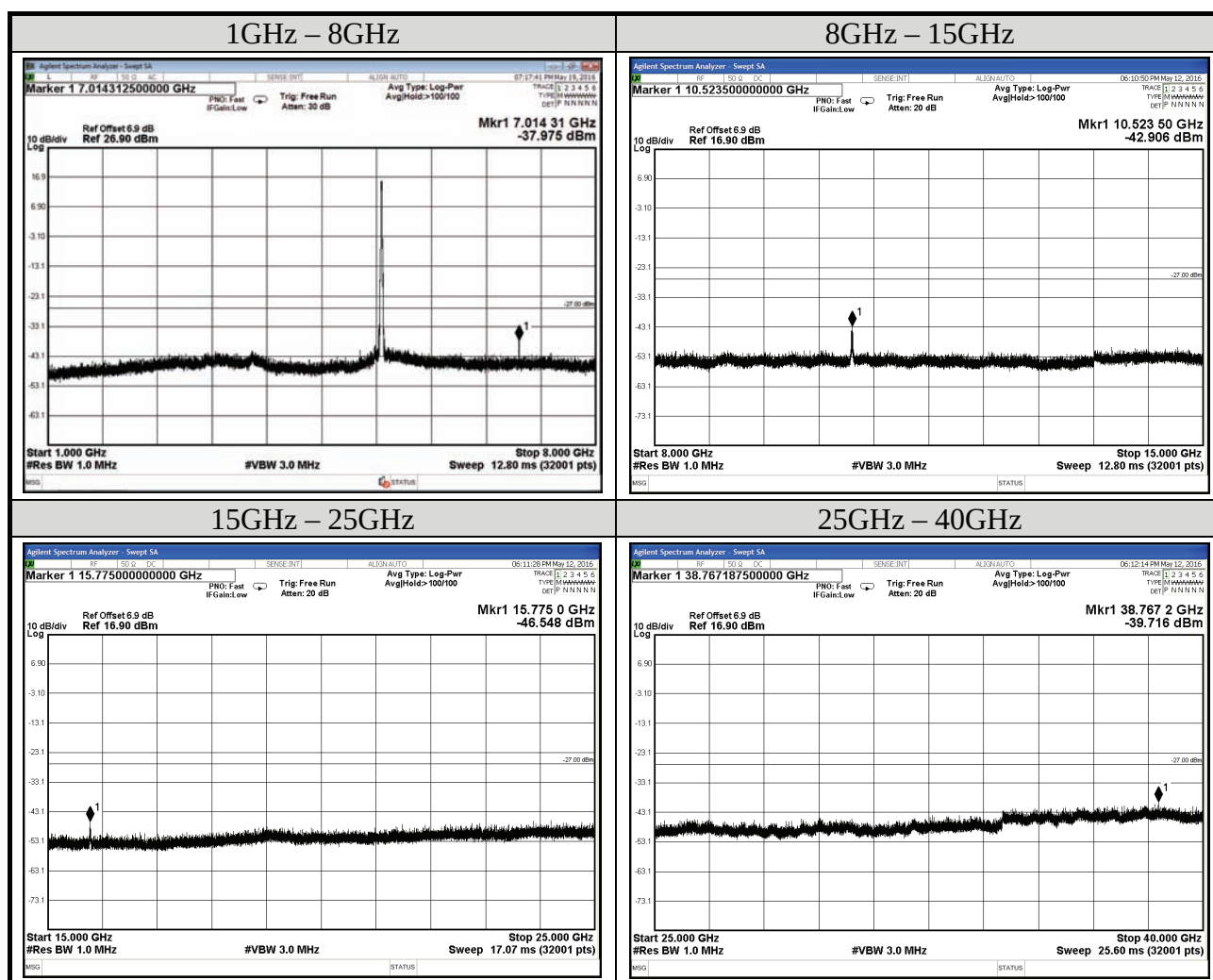
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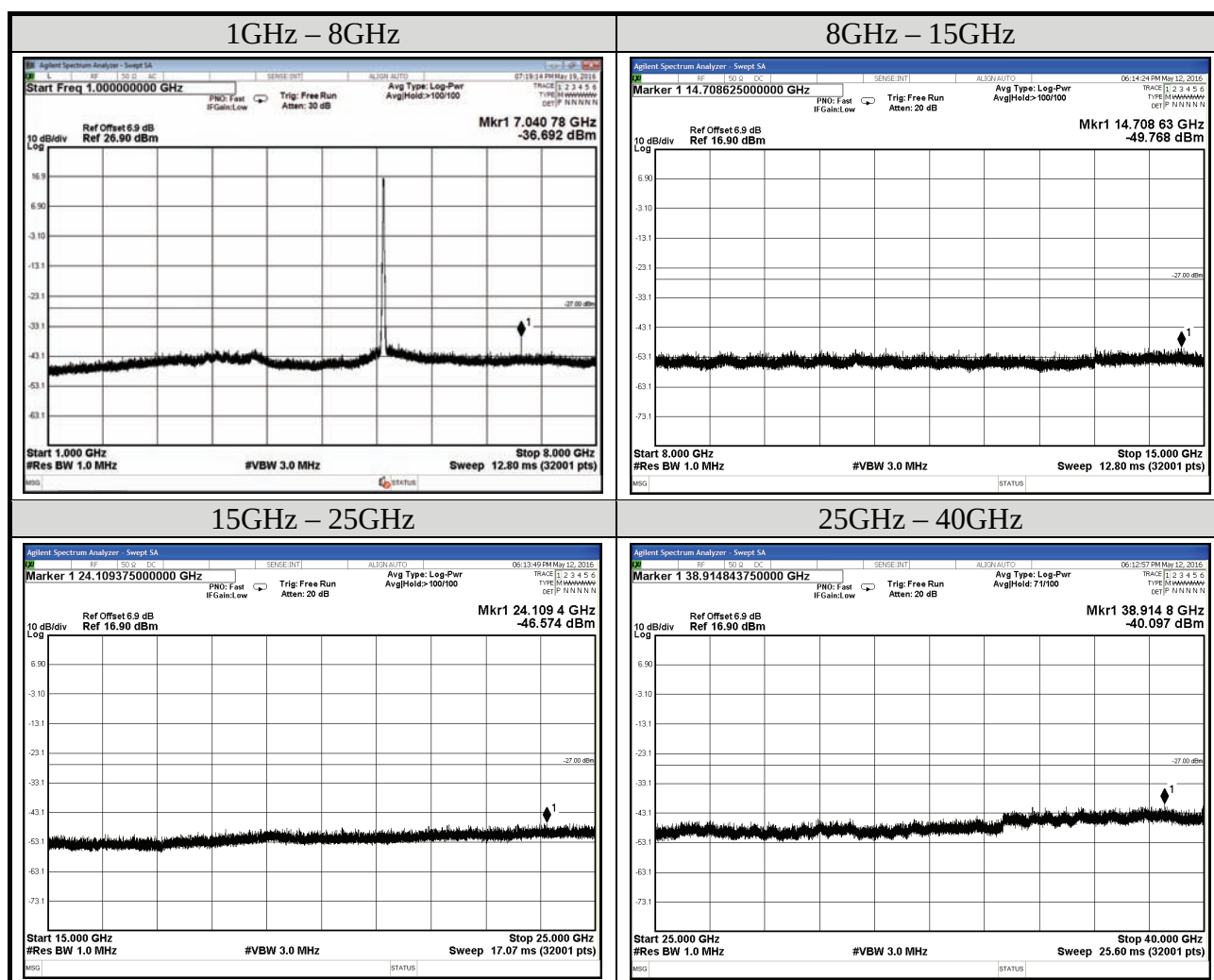
Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11a	UNII Band	I
Cable Loss	6.9dB	Frequency	TX 5240MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)	0		



Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11a	UNII Band	II-2A
Cable Loss	6.9dB	Frequency	TX 5260MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		Test Voltage	DC 3.3V
			0



Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11a	UNII Band	II-2A
Cable Loss	6.9dB	Frequency	TX 5280MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		Test Voltage	DC 3.3V
			0



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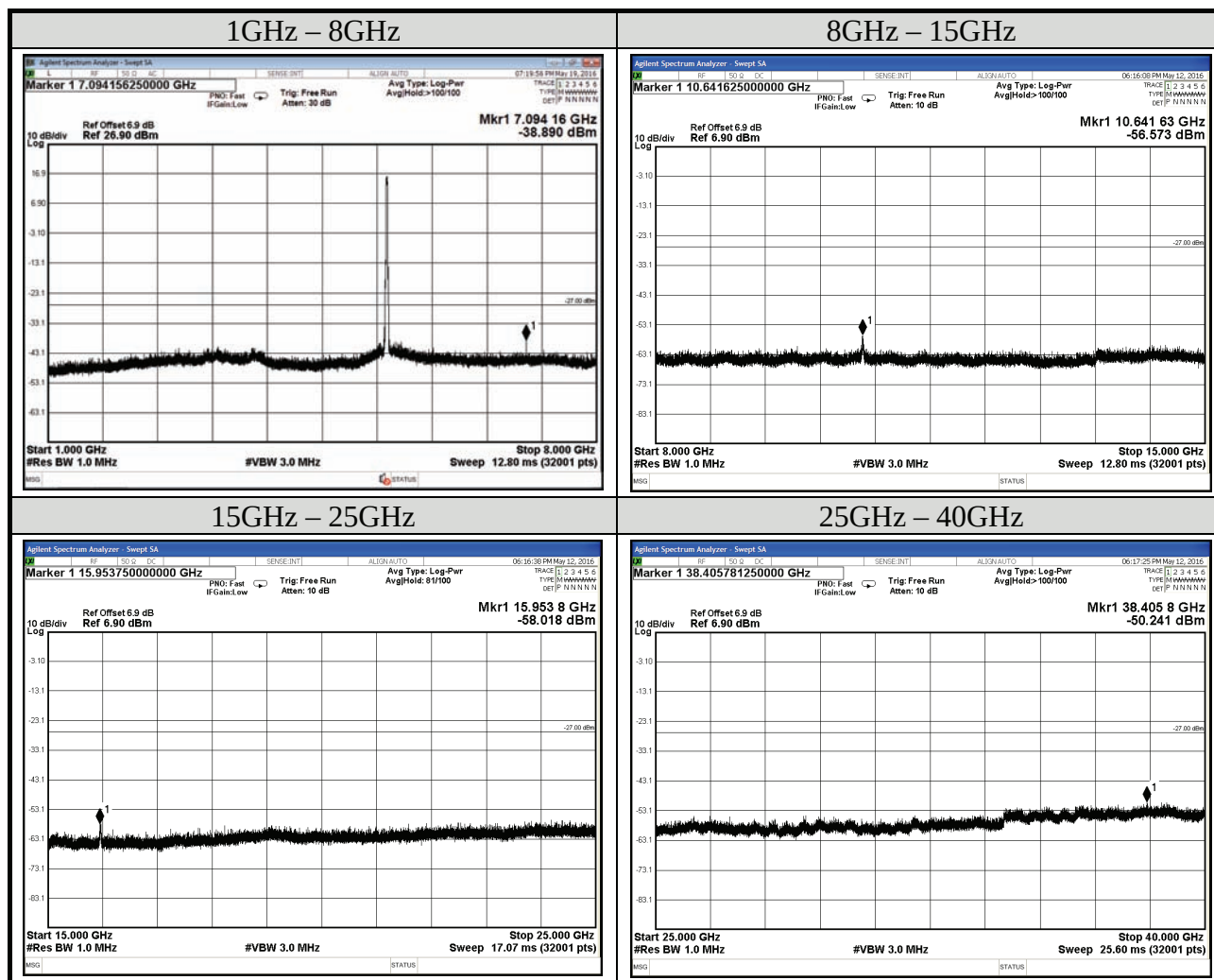
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New Taipei City244, Taiwan

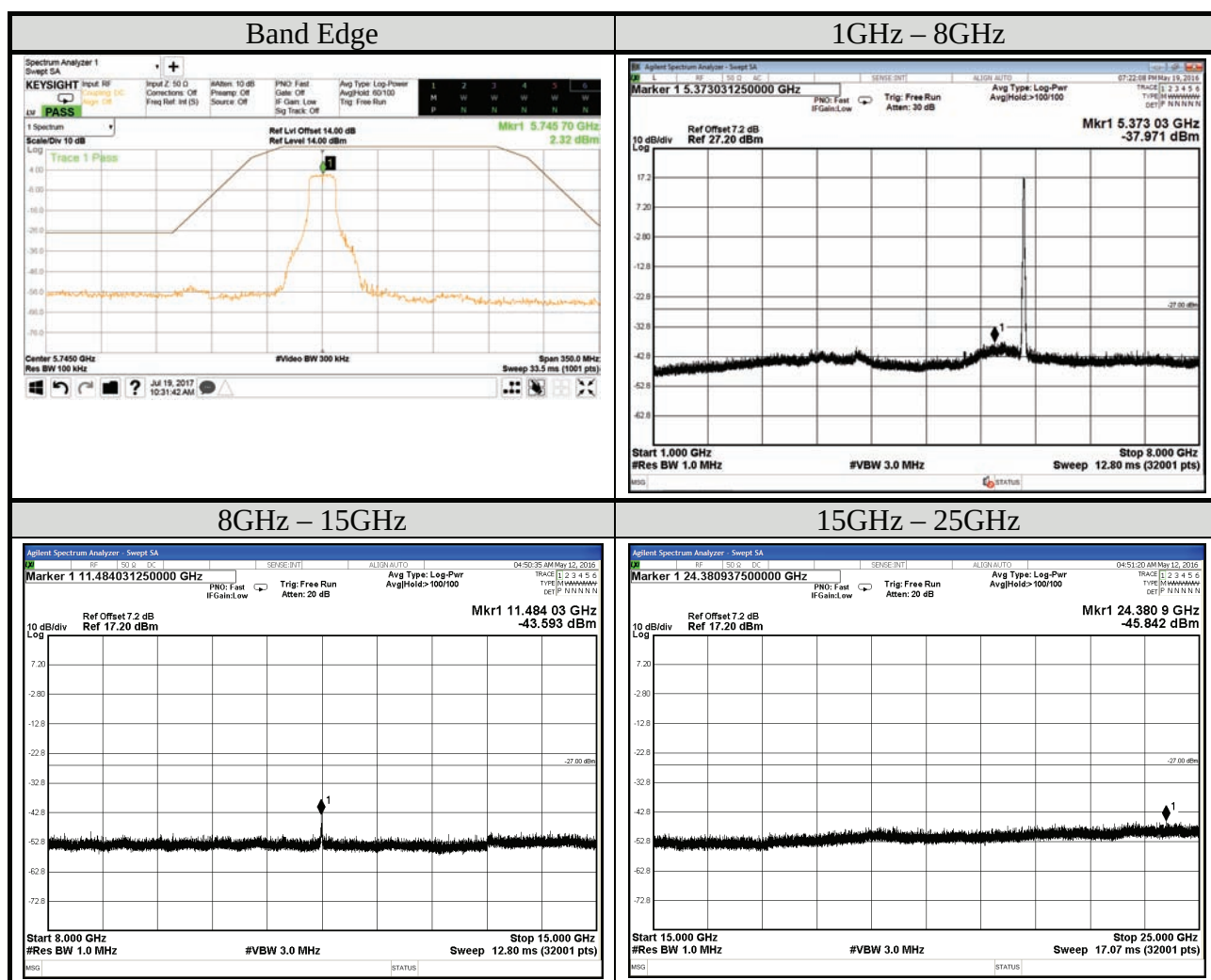
Tel: +886 2 26099301

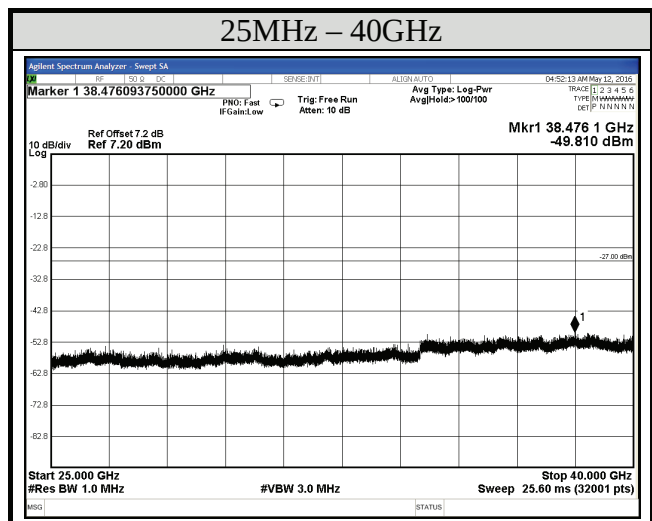
Fax: +886 2 26099303

Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11a	UNII Band	II-2A
		Frequency	TX 5320MHz
Cable Loss	6.9dB	Test Voltage	DC 3.3V
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)		0	



Test Date	2016/05/12 ~ 2017/07/19	Temp./Hum.	25 ~ 26°C/54 ~ 55%
Mode	802.11a	UNII Band	III
Cable Loss	7.2dB	Frequency	TX 5745MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		Test Voltage	DC 3.3V
			0





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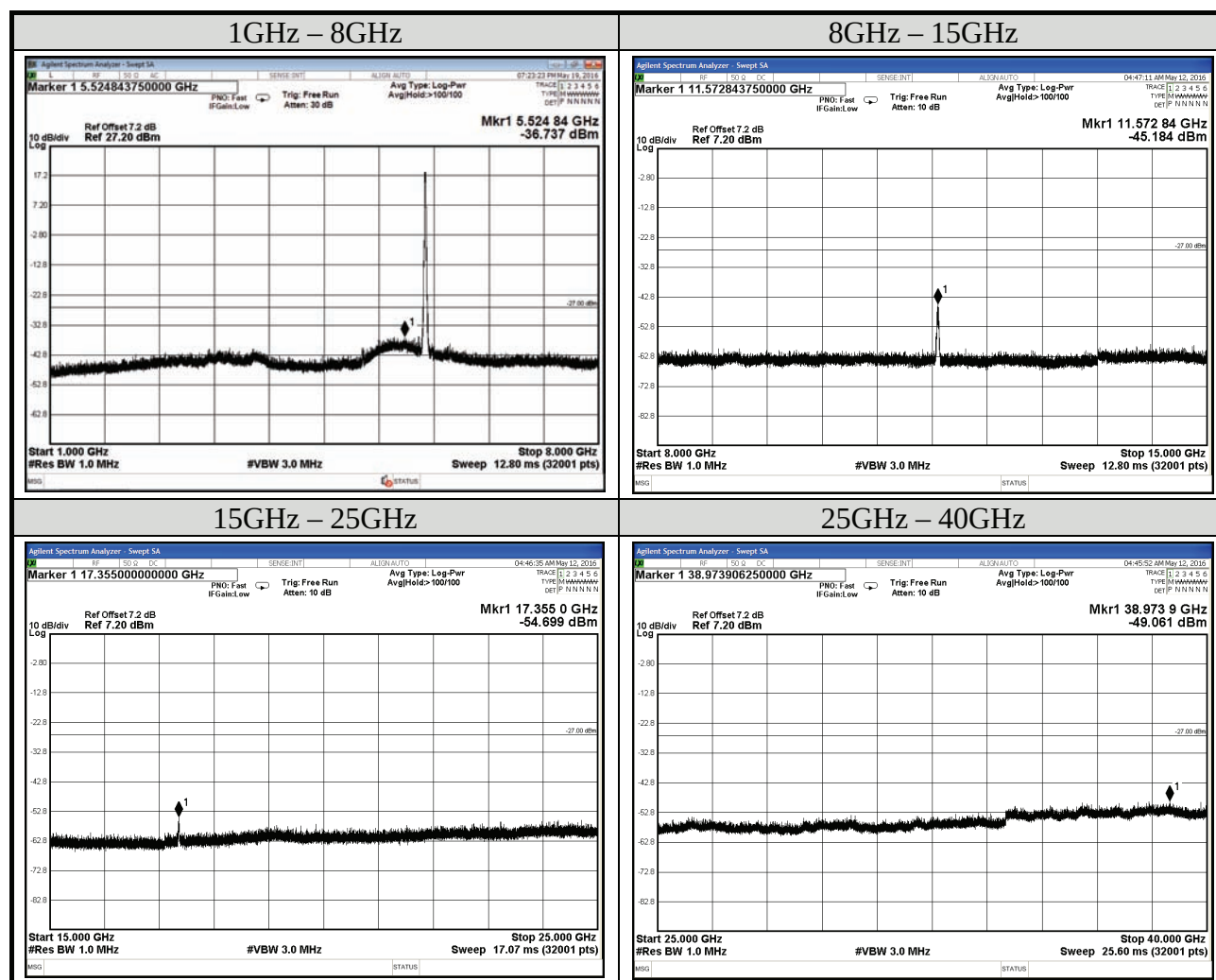
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Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11a	UNII Band	III
Cable Loss	7.2dB	Frequency	TX 5785MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)	0		

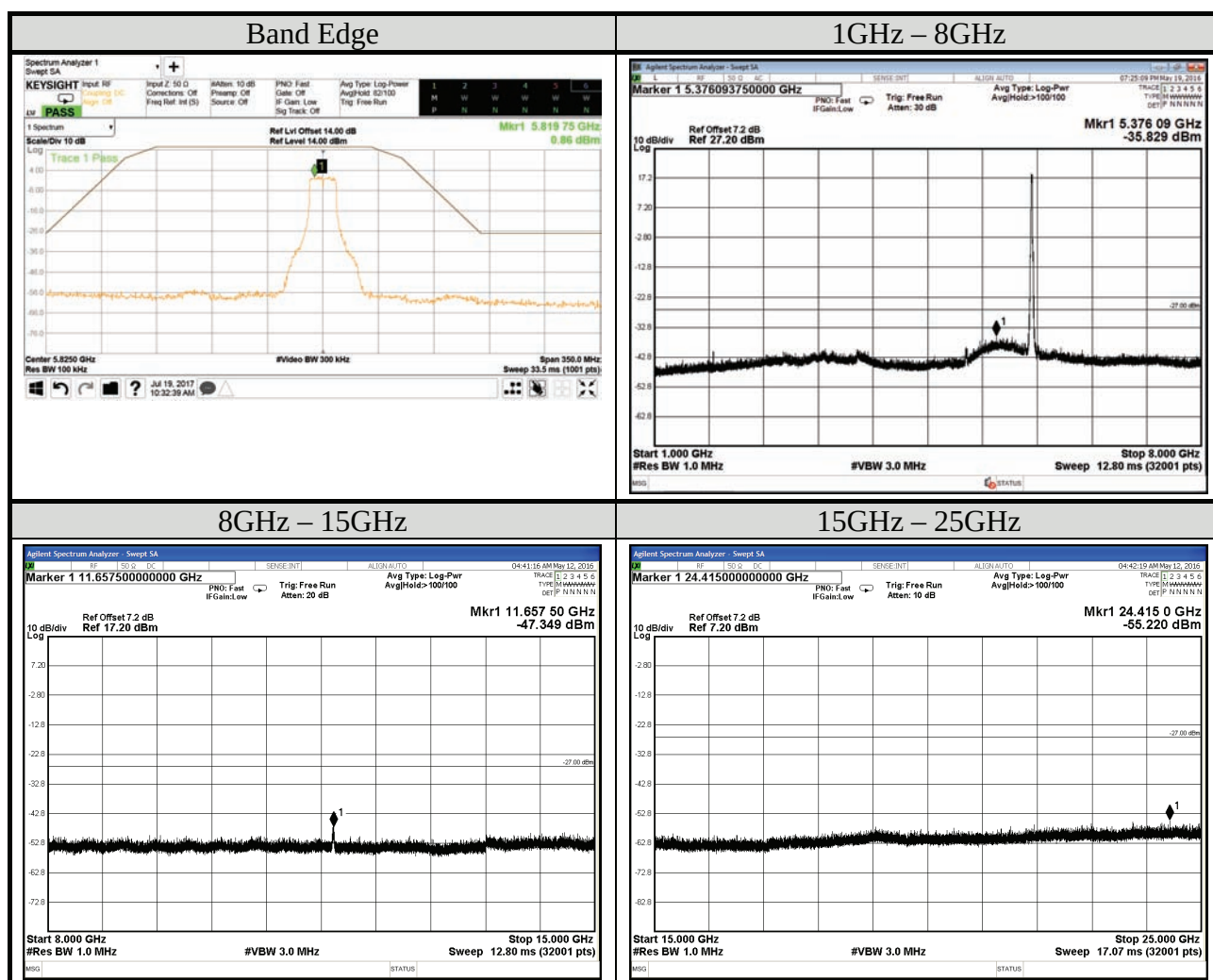


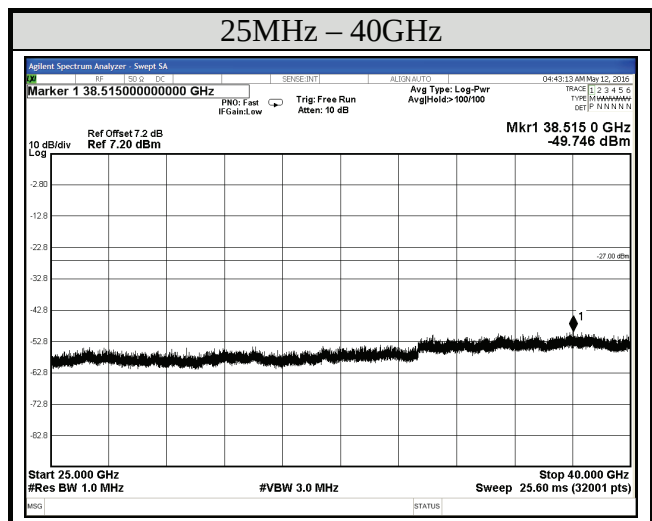
File Number: C1M1604073

Report Number: EM-F160311

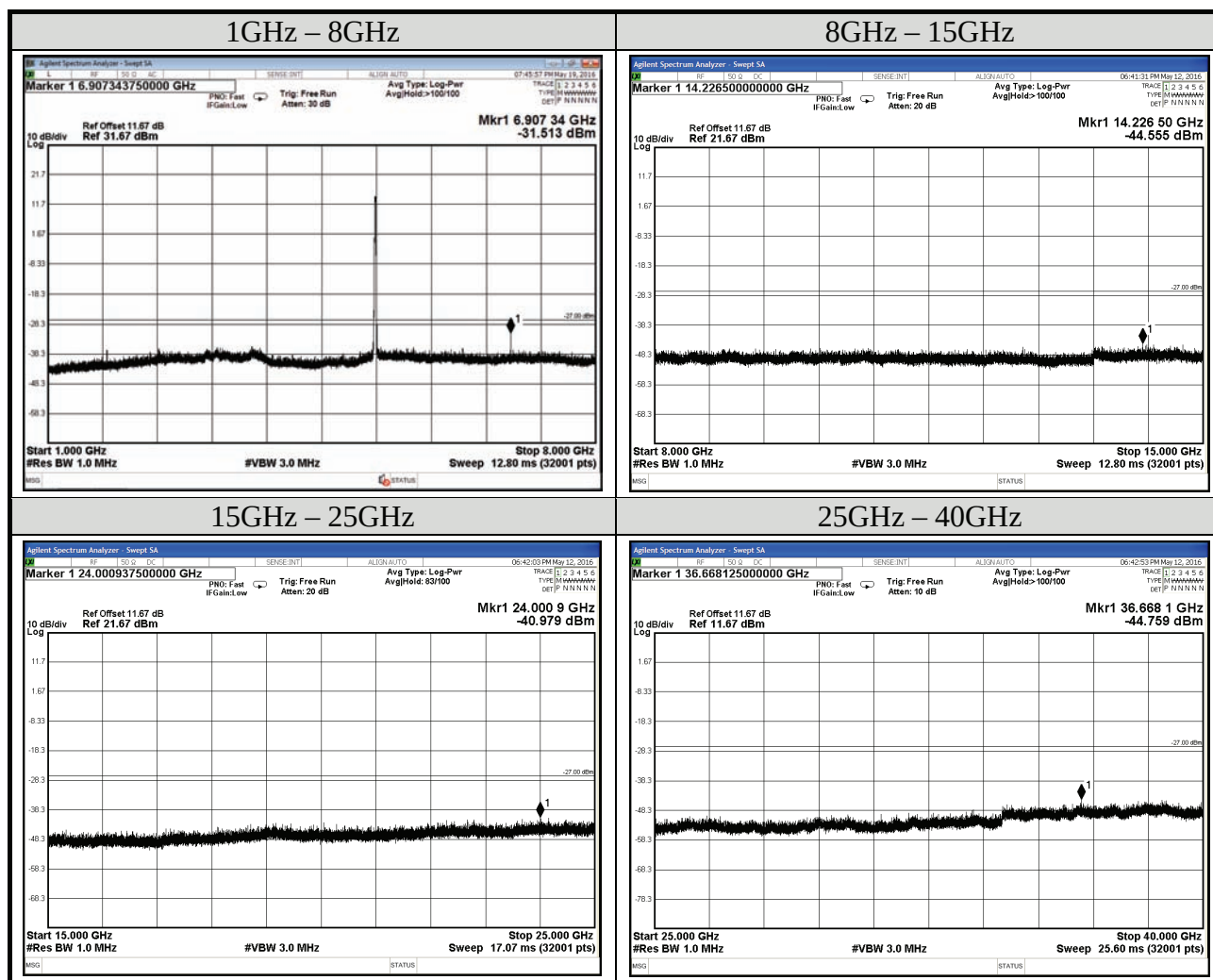
This test report may be reproduced in full only. The document may only be updated by AUDIX Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Test Date	2016/05/12 ~ 2017/07/19	Temp./Hum.	25 ~ 26°C/54 ~ 55%
Mode	802.11a	UNII Band	III
Cable Loss	7.2dB	Frequency	TX 5825MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)		Test Voltage	DC 3.3V
			0

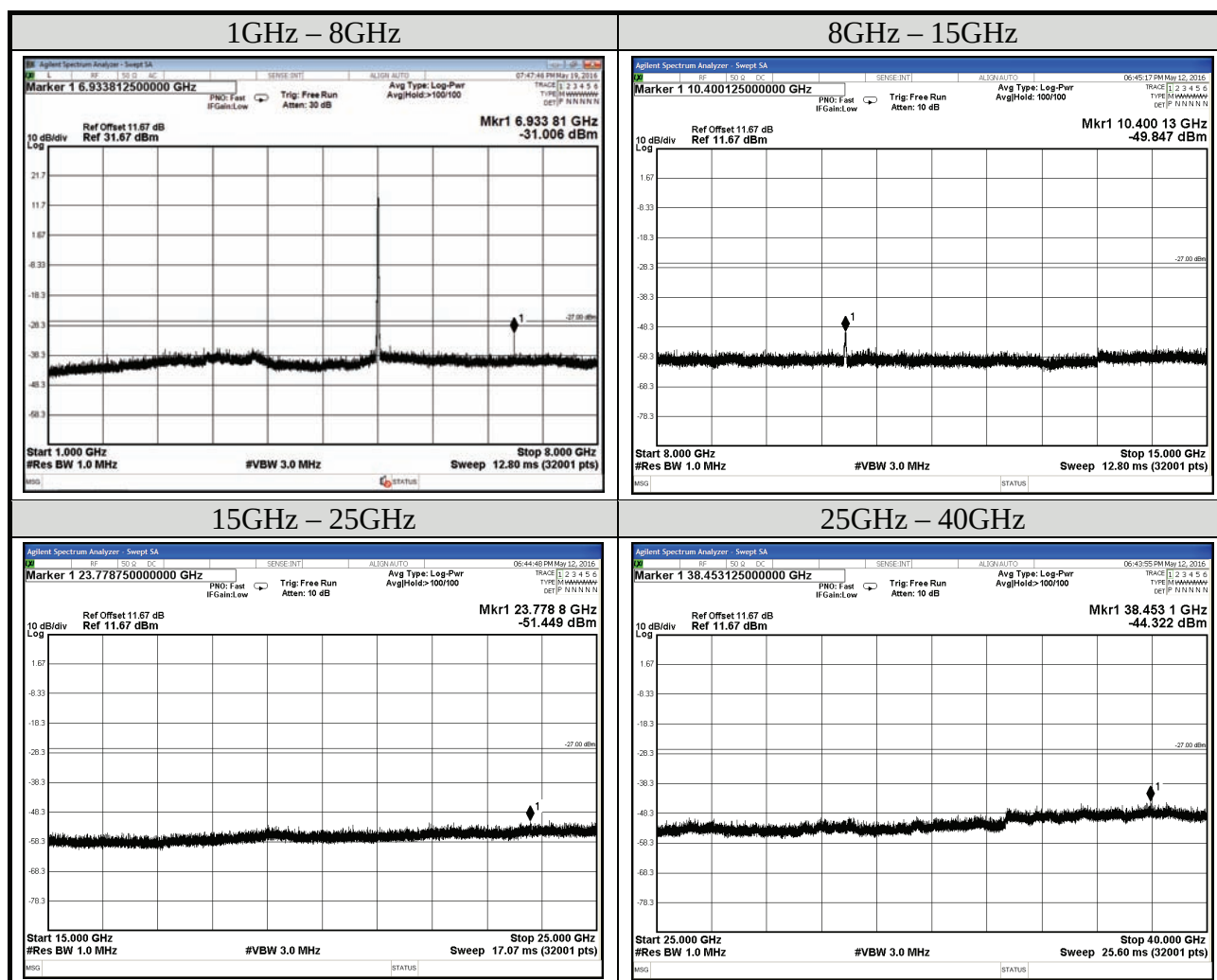




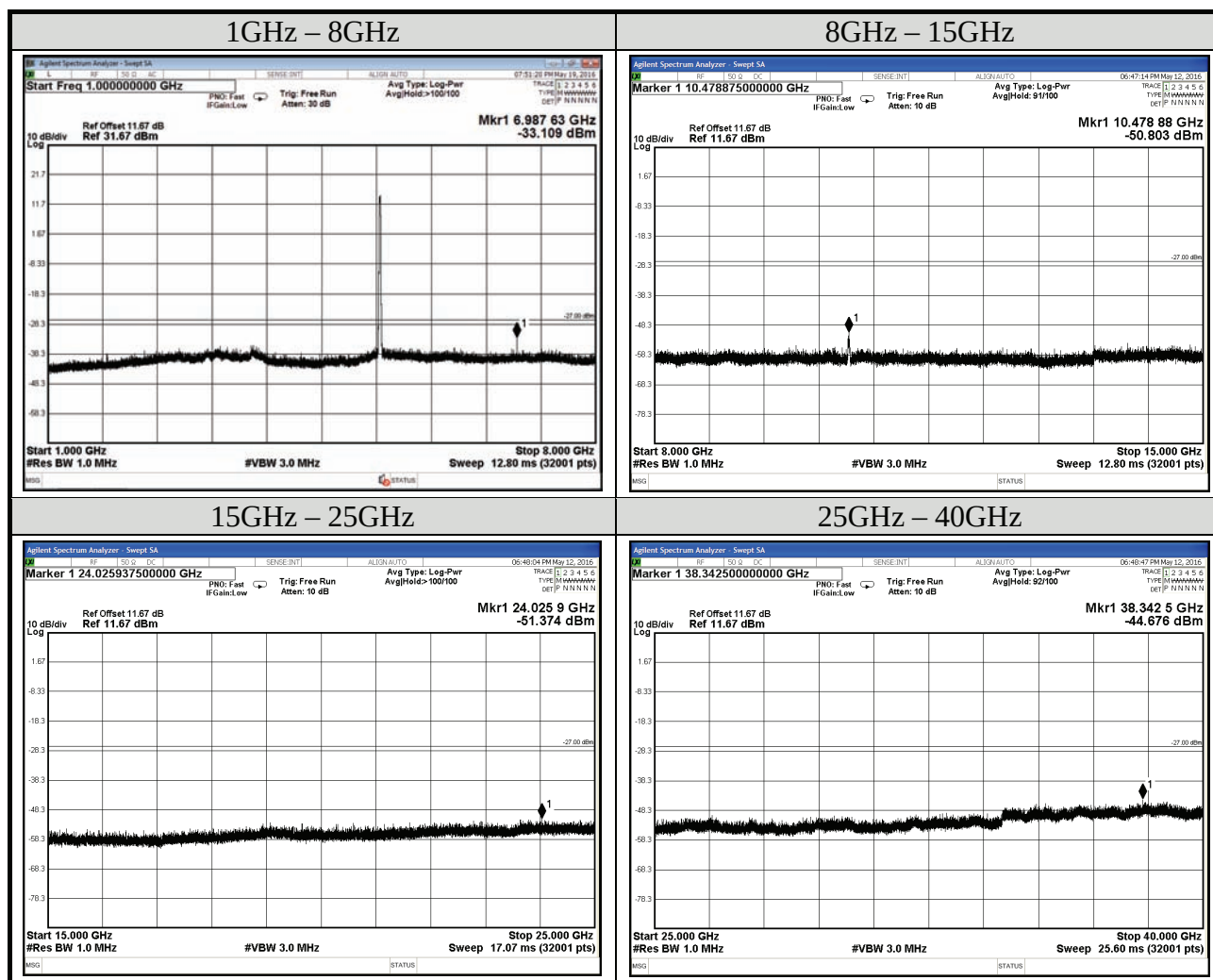
Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11n-HT20	UNII Band	I
Cable Loss	6.9dB	Frequency	TX 5180MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)		Test Voltage	DC 3.3V
			4.77



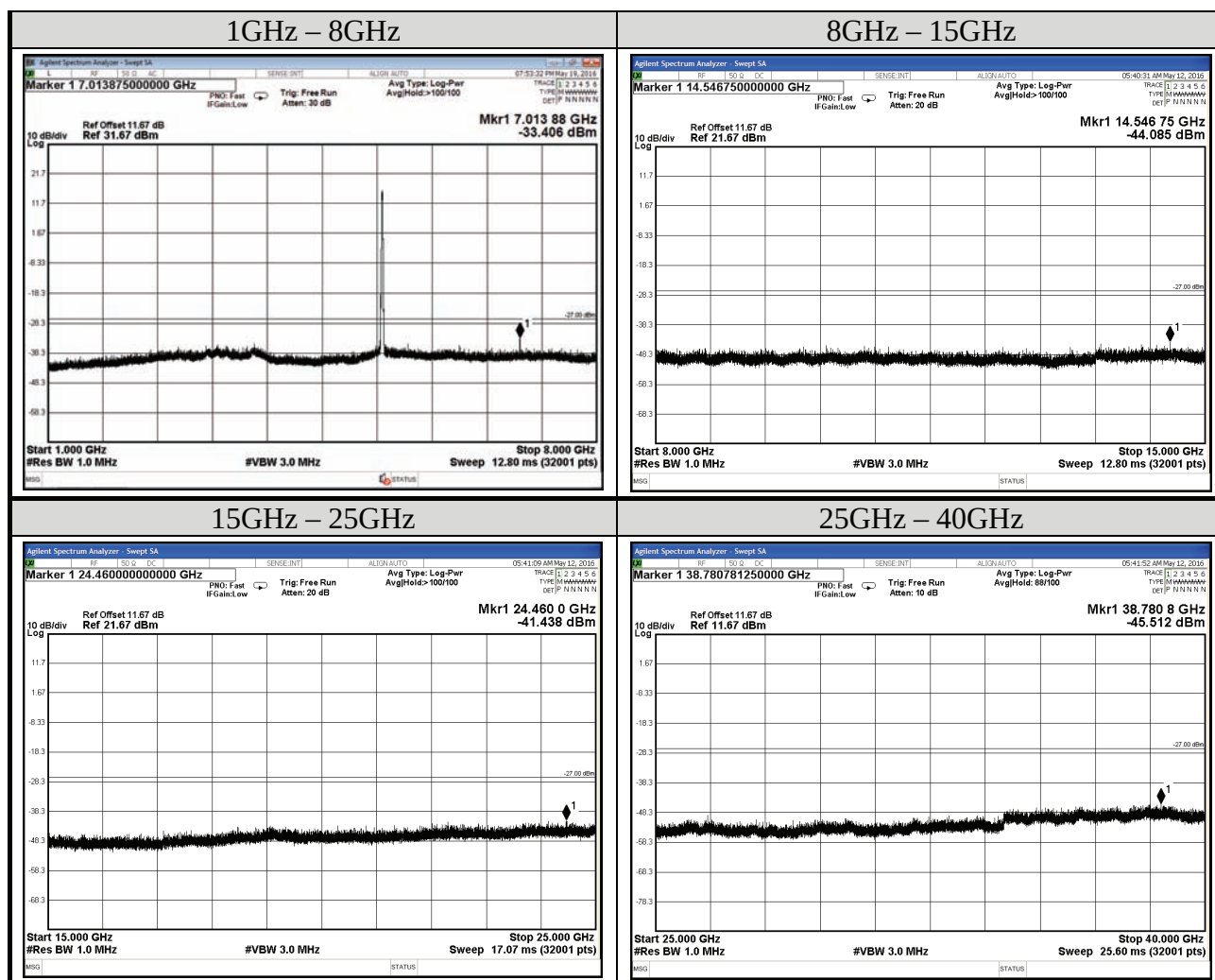
Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11n-HT20	UNII Band	I
Cable Loss	6.9dB	Frequency	TX 5200MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	4.77		



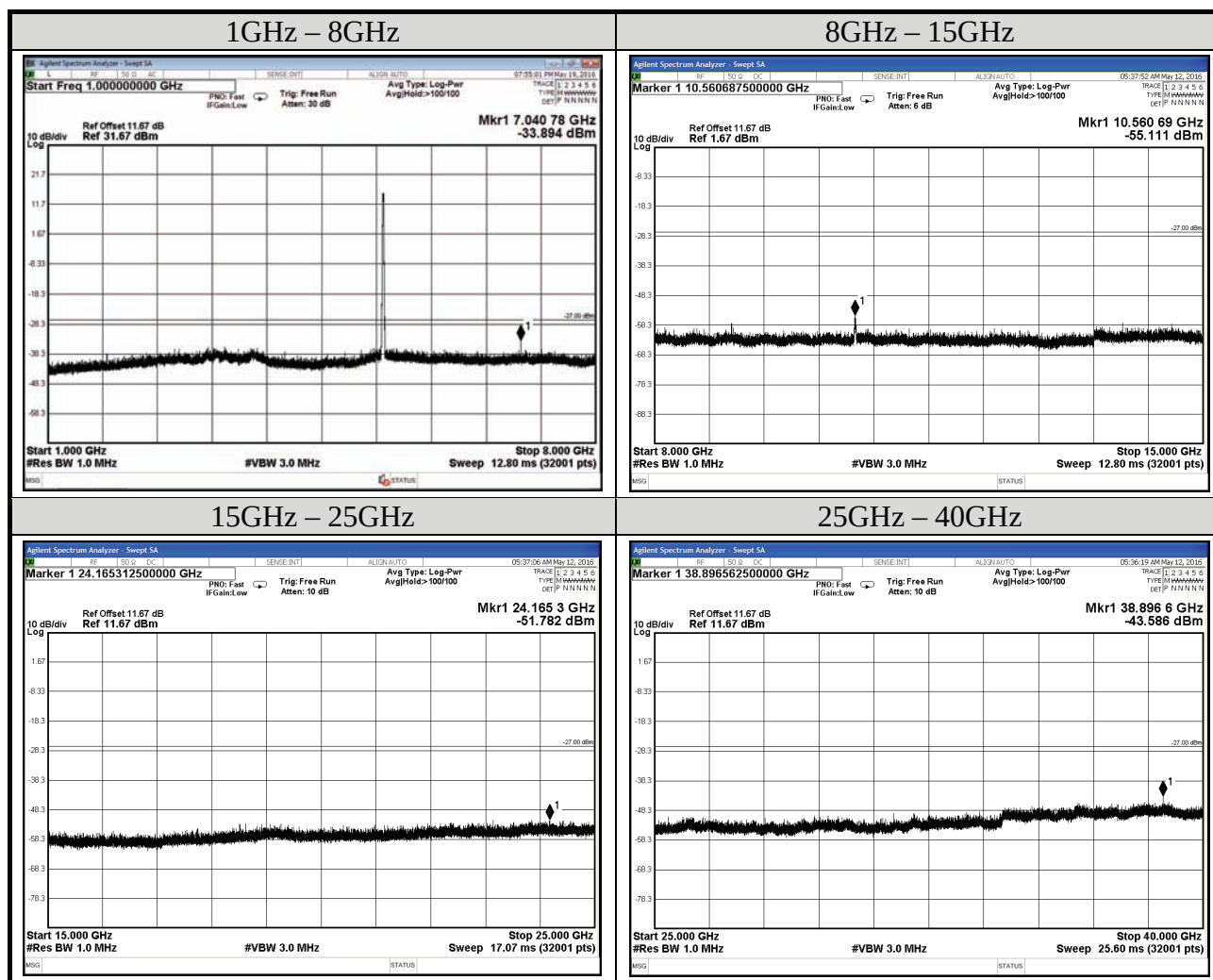
Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11n-HT20	UNII Band	I
Cable Loss	6.9dB	Frequency	TX 5240MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		Test Voltage	DC 3.3V
			4.77



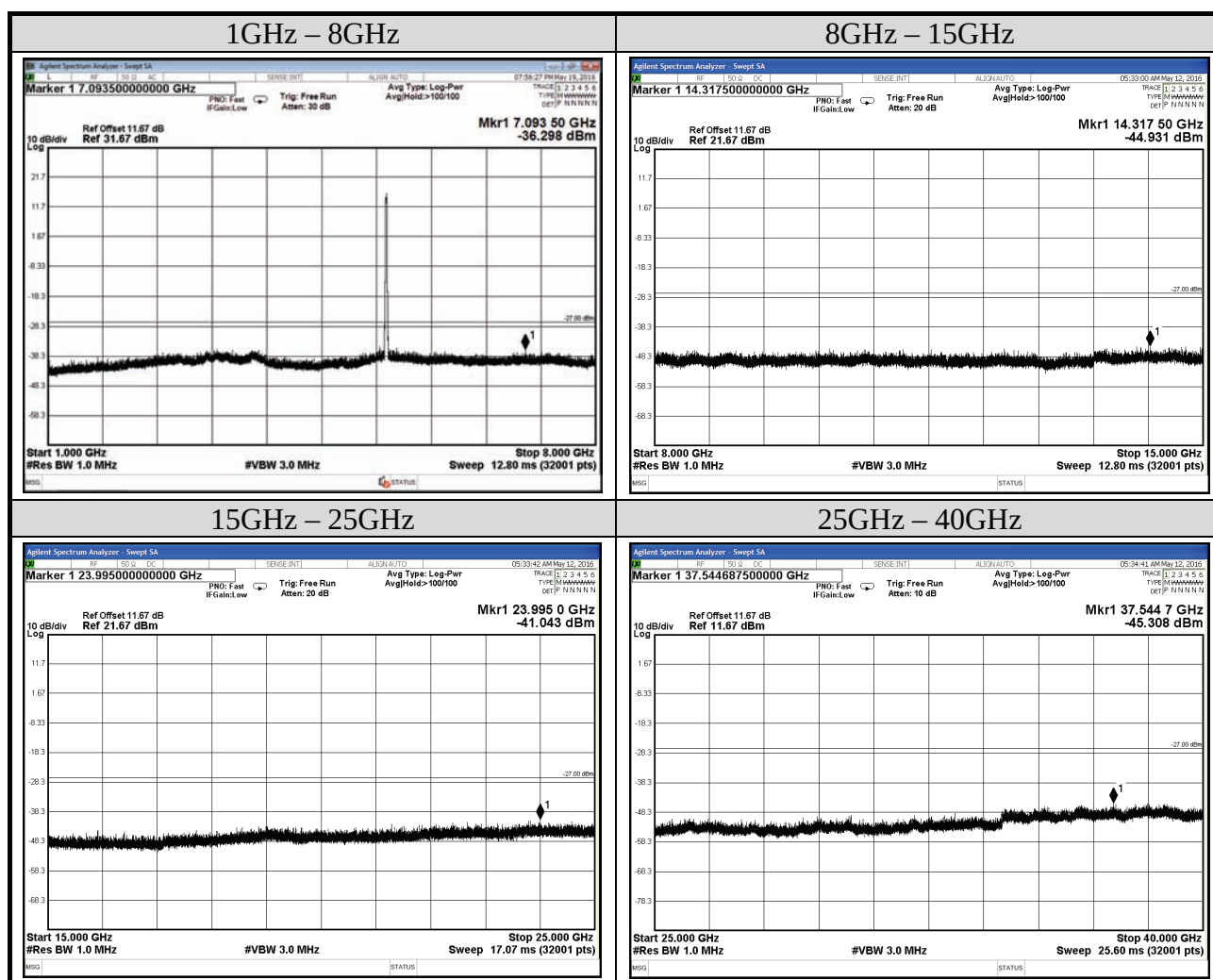
Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11n-HT20	UNII Band	II-2A
Cable Loss	6.9dB	Frequency	TX 5260MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	4.77		



Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11n-HT20	UNII Band	II-2A
Cable Loss	6.7dB	Frequency	TX 5280MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)		Test Voltage	DC 3.3V
			4.77



Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11n-HT20	UNII Band	II-2A
		Frequency	TX 5320MHz
Cable Loss	6.9dB	Test Voltage	DC 3.3V
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)		4.77	



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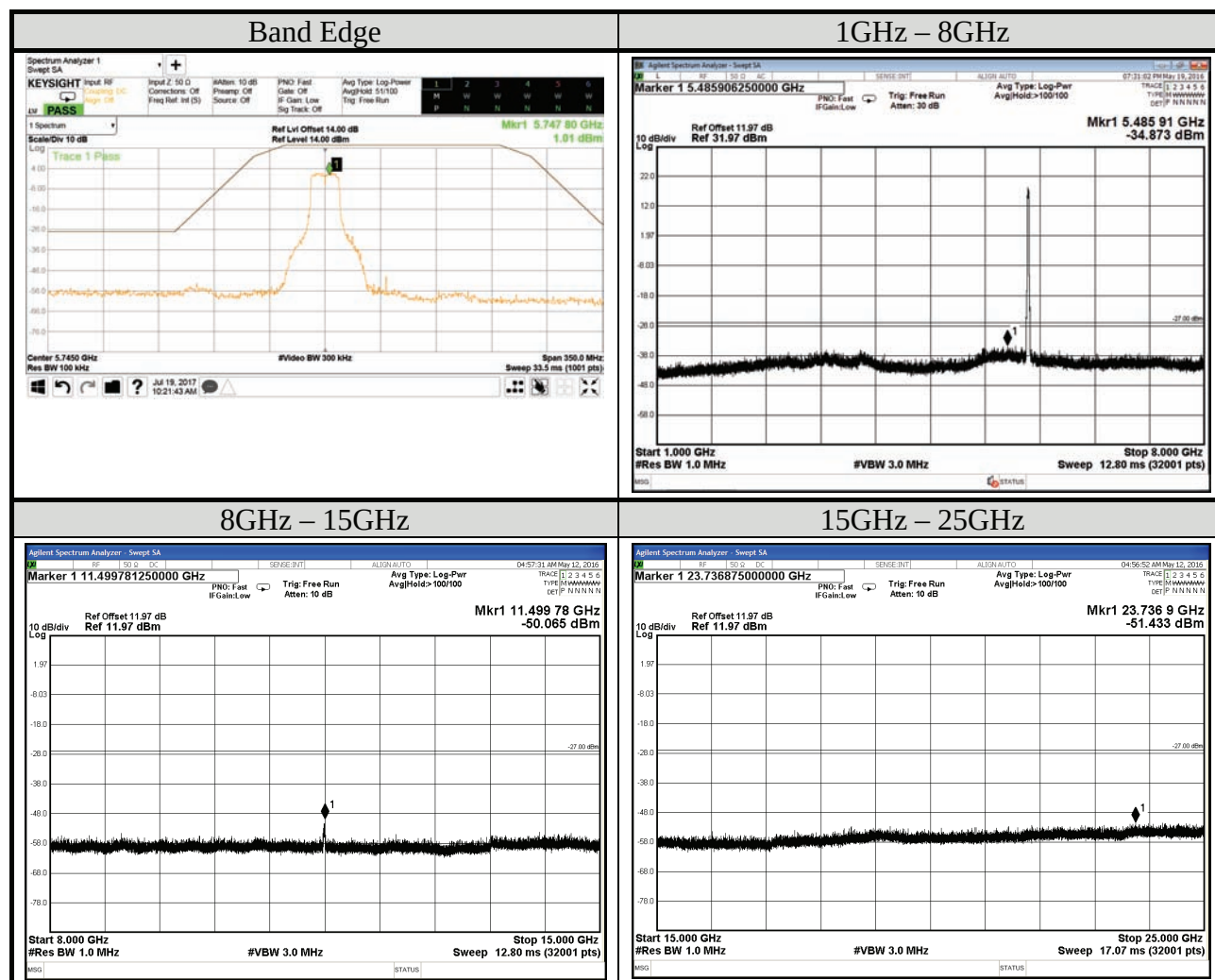
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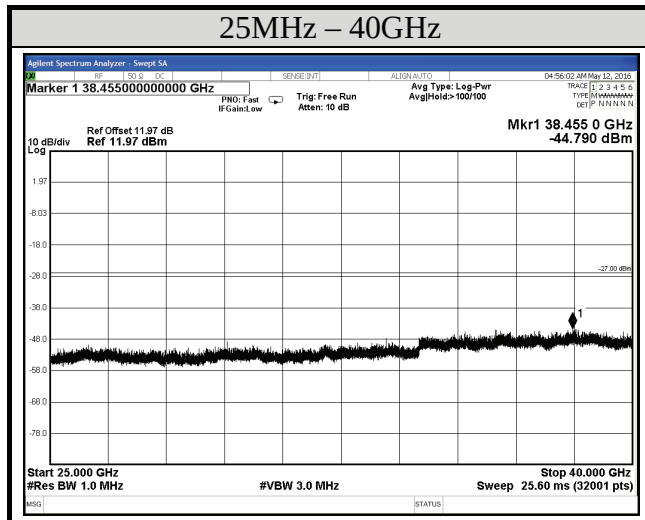
New Taipei City244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303

Test Date	2016/05/12 ~ 2017/07/19	Temp./Hum.	25 ~ 26°C/54 ~ 55%
Mode	802.11n-HT20	UNII Band	III
Cable Loss	7.2dB	Frequency	TX 5745MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)	4.77		

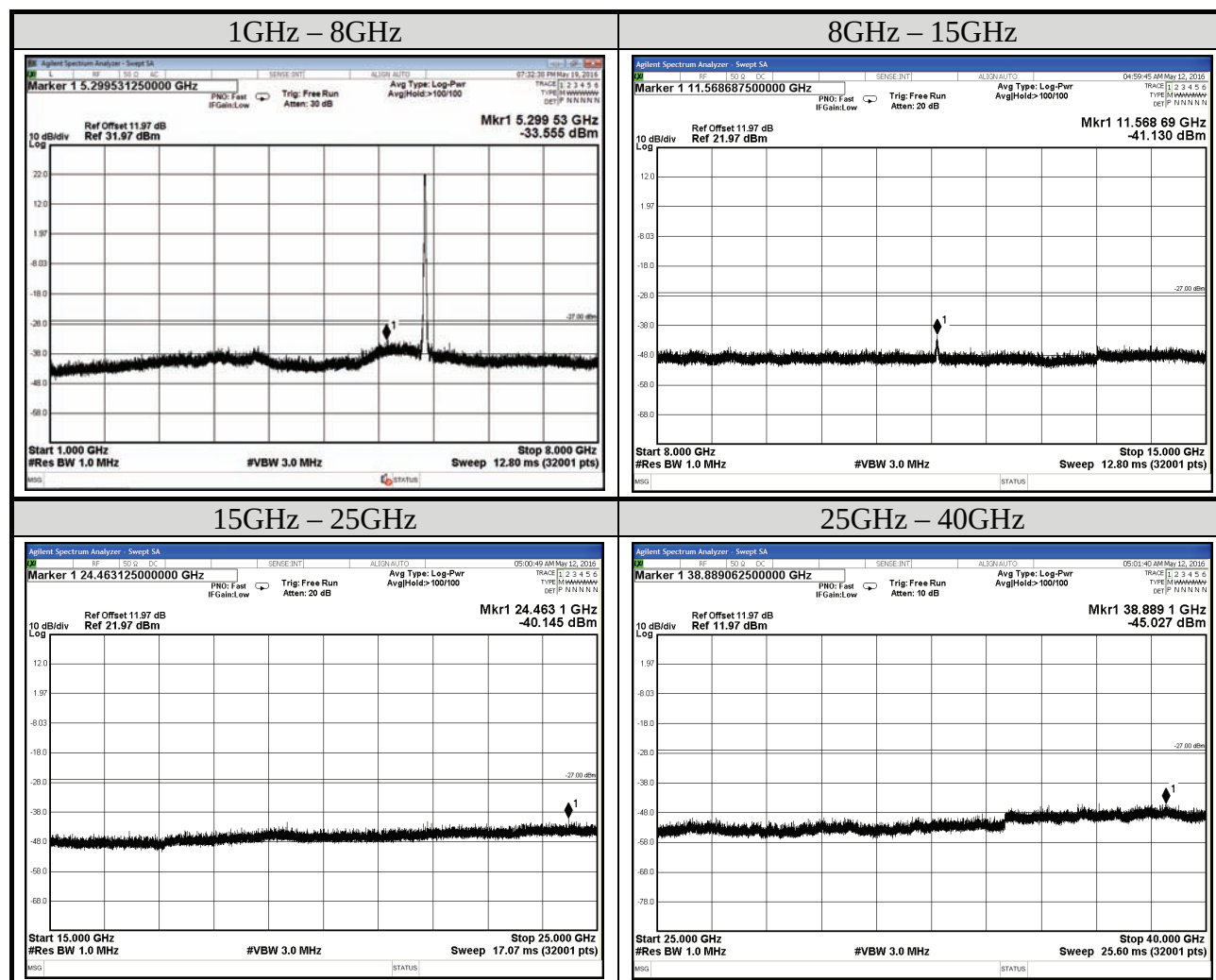




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Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11n-HT20	UNII Band	III
Cable Loss	7.2dB	Frequency	TX 5785MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)	4.77		



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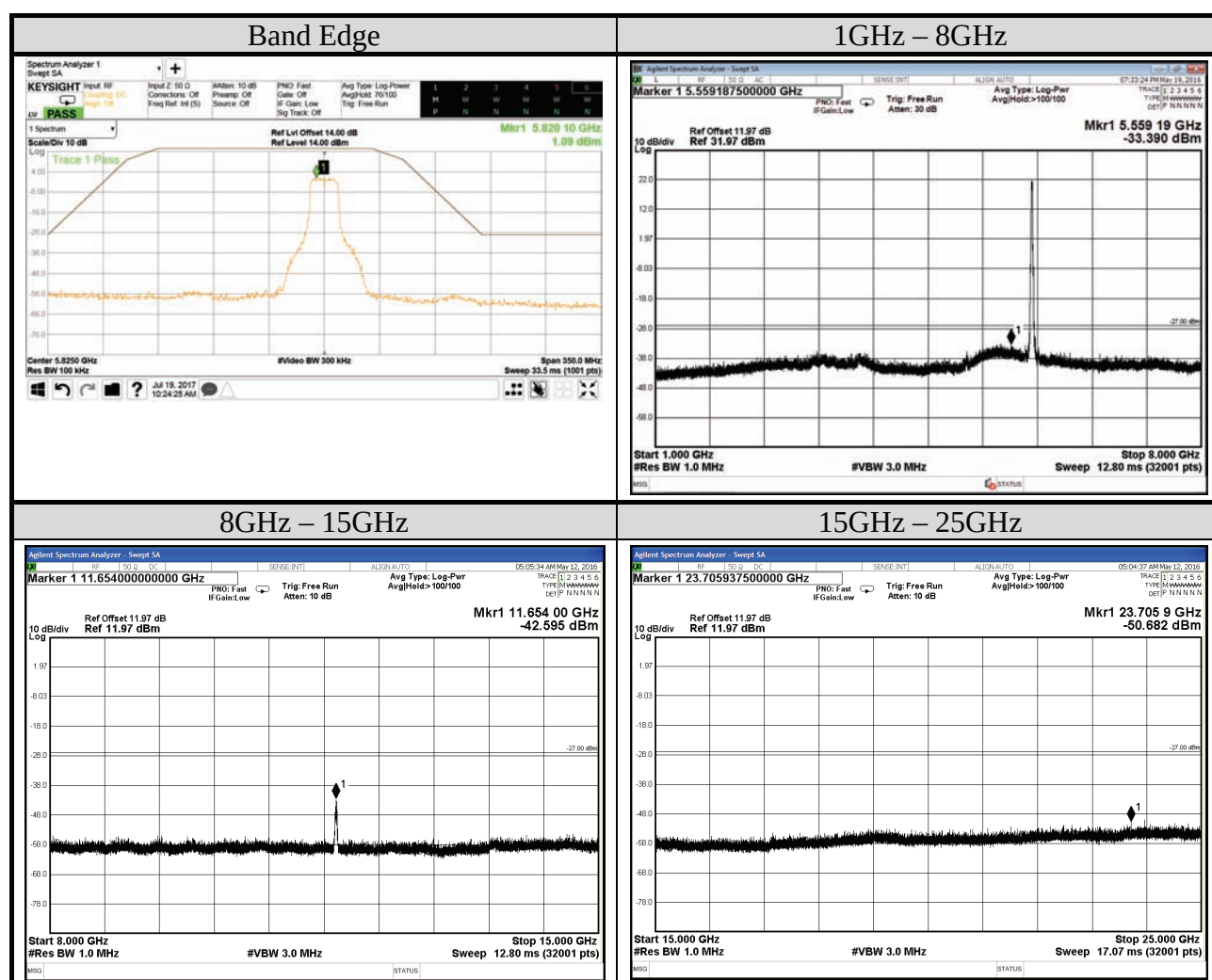
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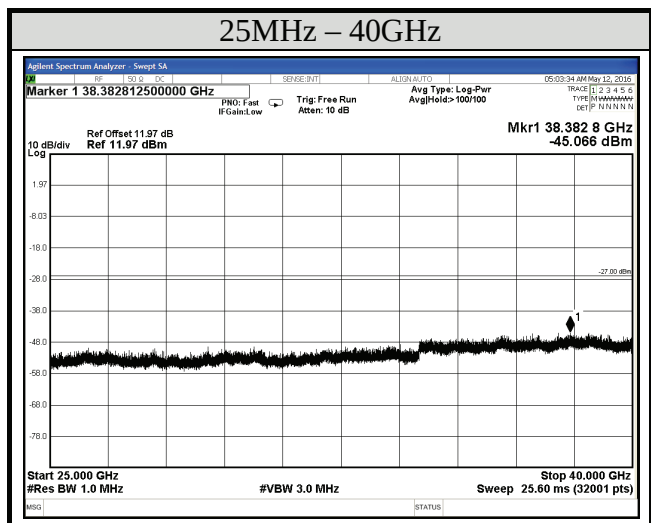
New Taipei City244, Taiwan

Tel: +886 2 26099301

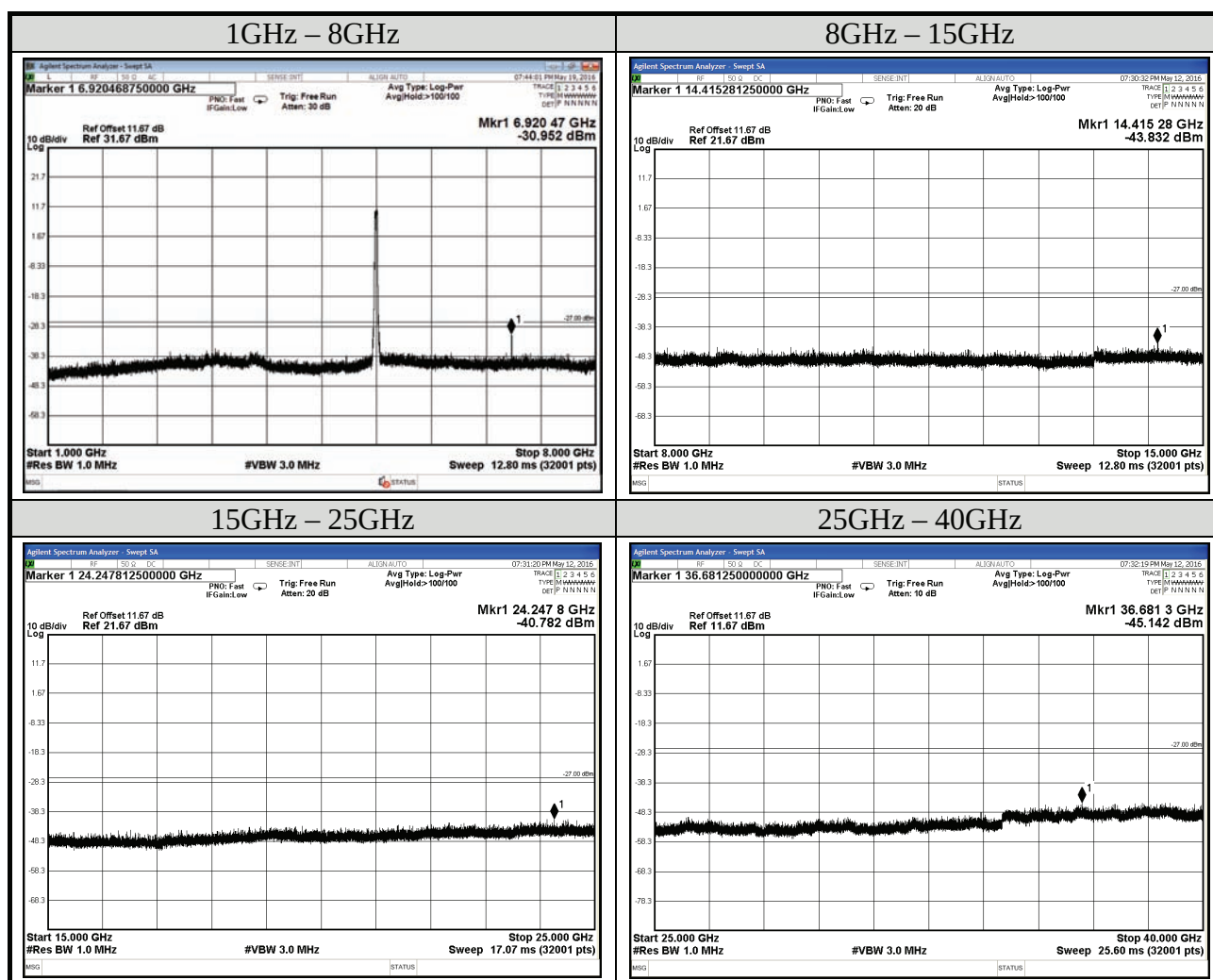
Fax: +886 2 26099303

Test Date	2016/05/12 ~ 2017/07/19	Temp./Hum.	25 ~ 26°C/54 ~ 55%
Mode	802.11n-HT20	UNII Band	III
Cable Loss	7.2dB	Frequency	TX 5825MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)		Test Voltage	DC 3.3V
			4.77

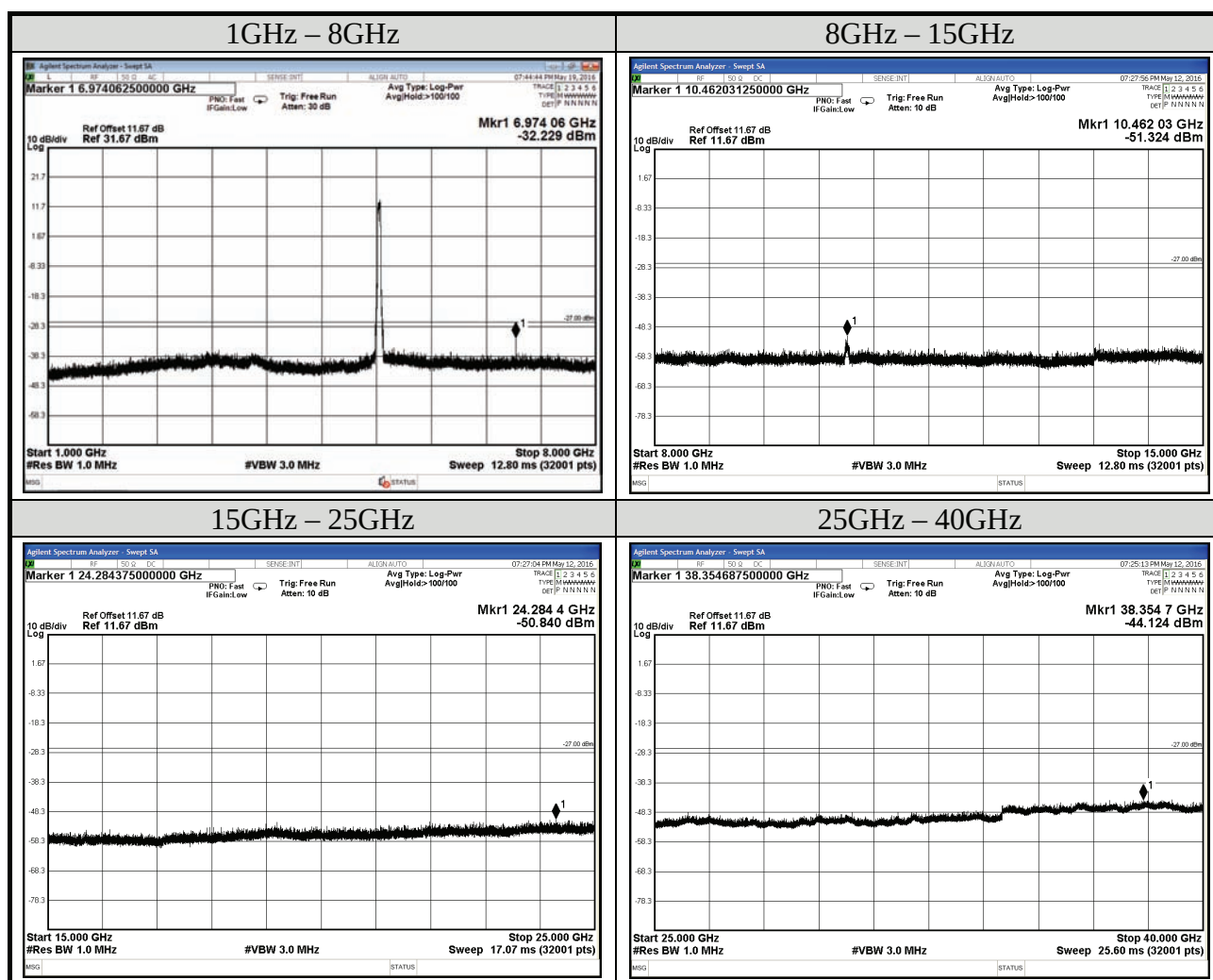




Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11n-HT40	UNII Band	I
		Frequency	TX 5190MHz
Cable Loss	6.9dB	Test Voltage	DC 3.3V
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)		4.77	



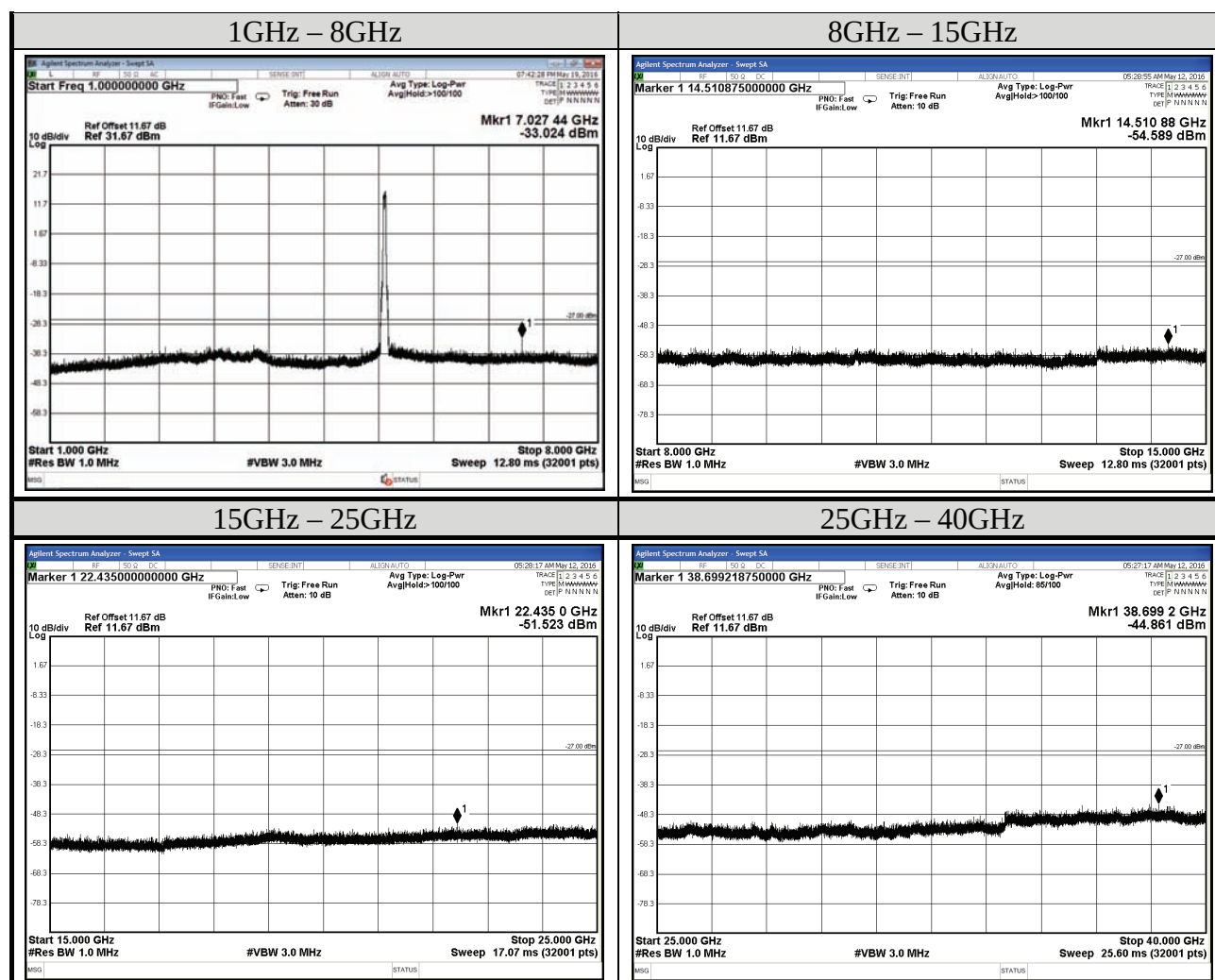
Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11n-HT40	UNII Band	I
		Frequency	TX 5230MHz
Cable Loss	6.9dB	Test Voltage	DC 3.3V
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)		4.77	



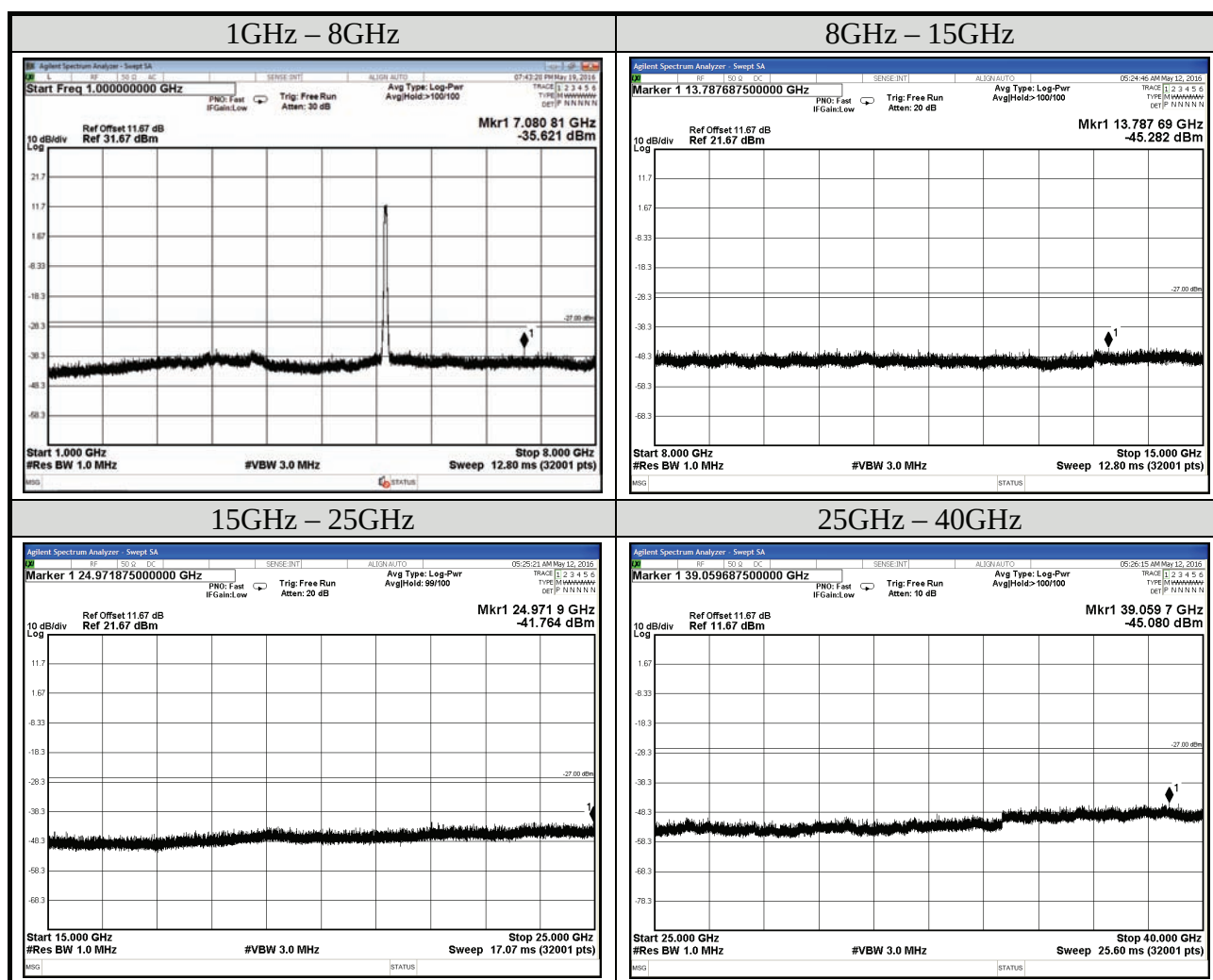
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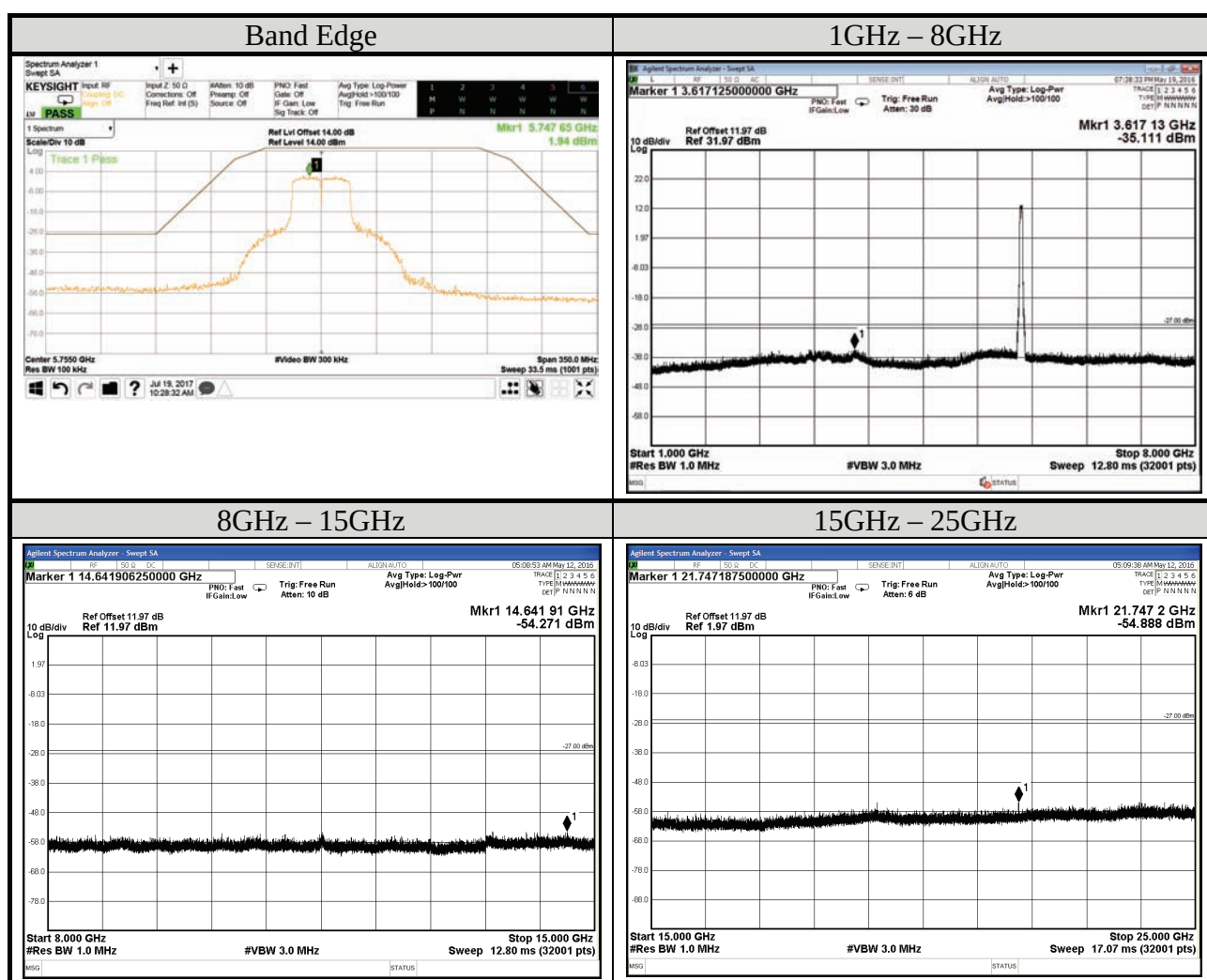
Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11n-HT40	UNII Band	II-2A
Cable Loss	6.9dB	Frequency	TX 5270MHz
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)	4.77		

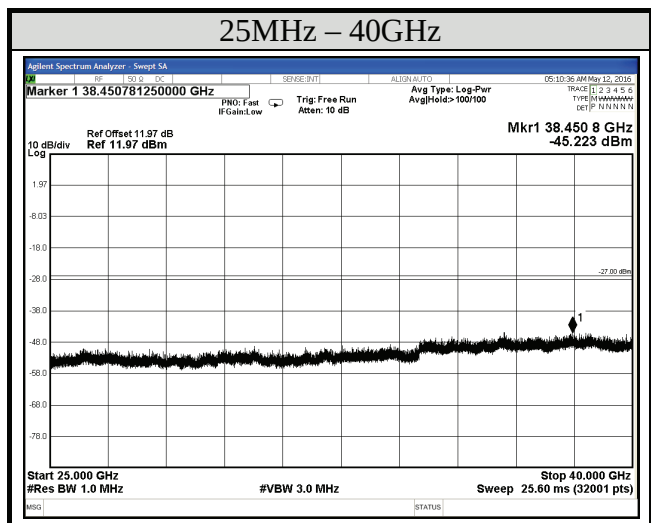


Test Date	2016/05/12 ~ 19	Temp./Hum.	26°C/54%
Mode	802.11n-HT40	UNII Band	II-2A
		Frequency	TX 5310MHz
Cable Loss	6.9dB	Test Voltage	DC 3.3V
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)		4.77	



Test Date	2016/05/12 ~ 2017/07/19	Temp./Hum.	25 ~ 26°C/54 ~ 55%
Mode	802.11n-HT40	UNII Band	III
Cable Loss	7.2dB	Frequency	TX 5775MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)		Test Voltage	DC 3.3V
			4.77





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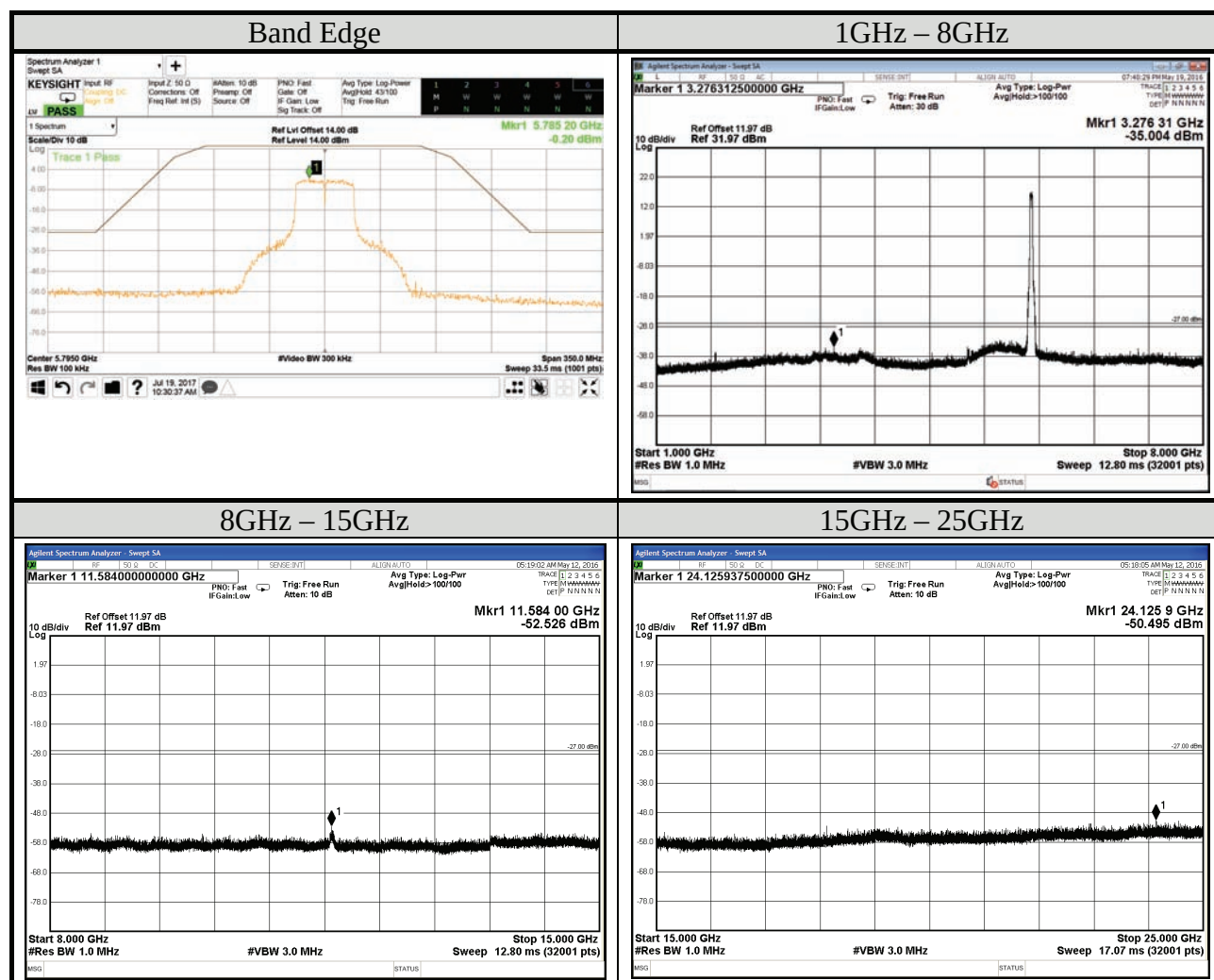
No. 53-11, Dingfu, Linkou, Dist.,

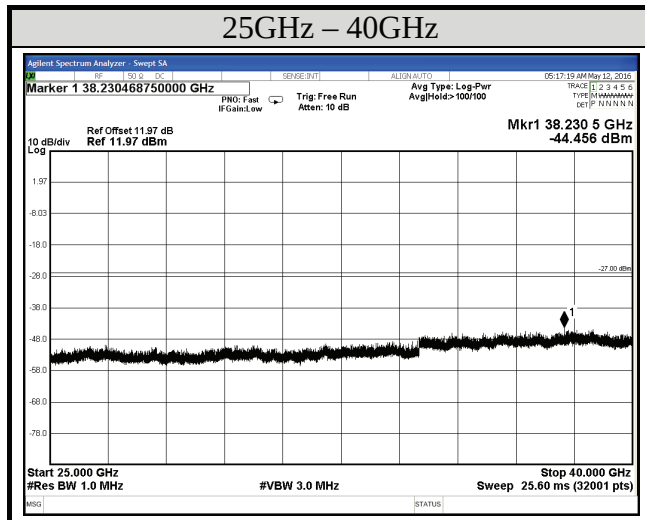
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Test Date	2016/05/12 ~ 2017/07/19	Temp./Hum.	25 ~ 26°C/54 ~ 55%
Mode	802.11n-HT40	UNII Band	III
Cable Loss	7.2dB	Frequency	TX 5795MHz
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	4.77		





A.4 POWER SPECTRAL DENSITY

A.4.1 Power Spectral Density

Test Date	2016/05/12	Temp./Hum.	26°C /54%
Cable Loss	2.12dB	Test Voltage	DC 3.3V

Modulation Type	UNII Band	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
802.11a	I	5180	4.511	11 dBm/MHz
		5200	4.170	
		5240	4.089	
	II-2A	5260	5.312	
		5280	5.454	
		5320	5.340	
	III	5745	-2.519	30dBm/500 kHz
		5785	-1.291	
		5825	-1.191	
802.11n- HT20 NOTE 3	I	5180	4.673	7.23 dBm/MHz Note 1
		5200	4.707	
		5240	4.720	
	II-2A	5260	5.346	7.23 dBm/MHz Note 1
		5280	5.308	
		5320	5.599	
	III NOTE 4	5745	-0.567	26.23dBm/ 500 kHz Note 2
		5785	3.070	
		5825	3.344	
802.11n- HT40 NOTE 3	I	5190	0.783	7.23 dBm/MHz Note 1
		5230	3.686	
	II-2A	5270	4.121	7.23 dBm/MHz Note 1
		5310	1.370	
	III NOTE 4	5755	-5.776	26.23 dBm/ 500 kHz Note 2
		5795	-1.620	

Note 1: 802.11n Directional gain is 9.77dBi > 6dBi, the Limit is 11 – (9.77-6) = 7.23 dBm

Note 2: 802.11n Directional gain is 9.77dBi > 6dBi, the Limit is 30 – (9.77-6) = 26.23 dBm

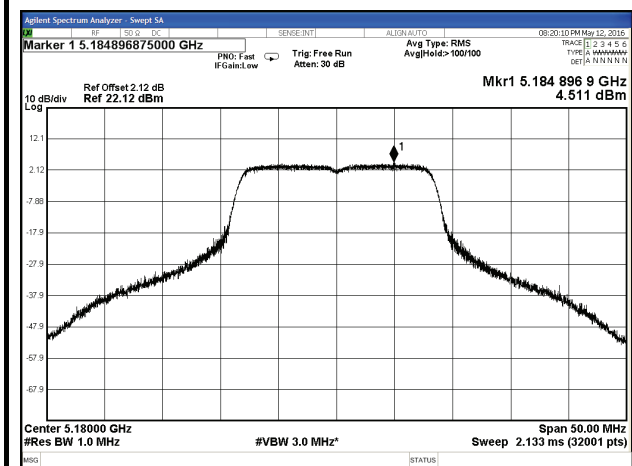
Note 3: Simultaneous Factor 10 log(n) has been included in the test result.

Note 4: BWCF 6.99dB (100 converted to 500) has been included in the test result.

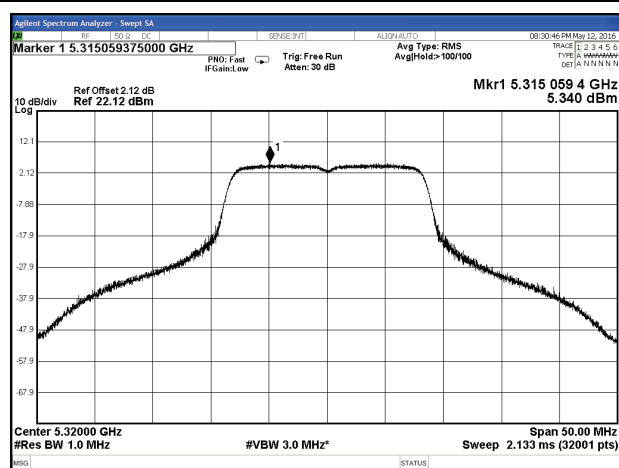
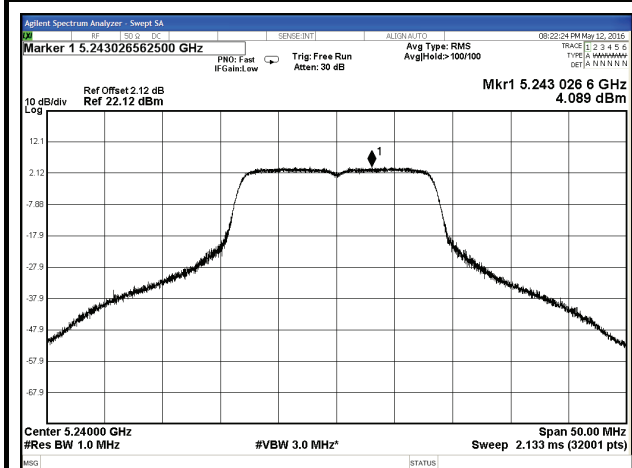
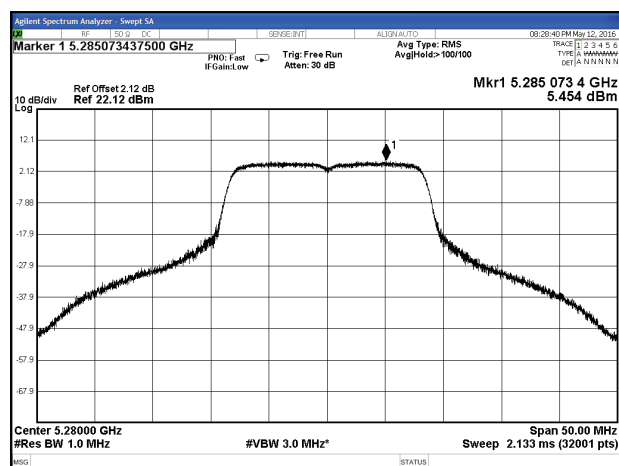
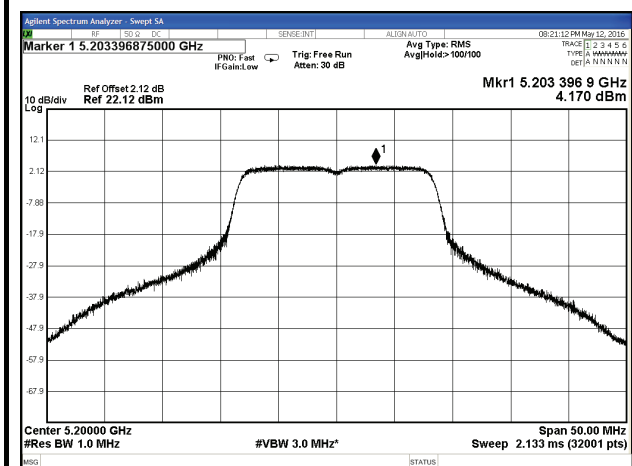
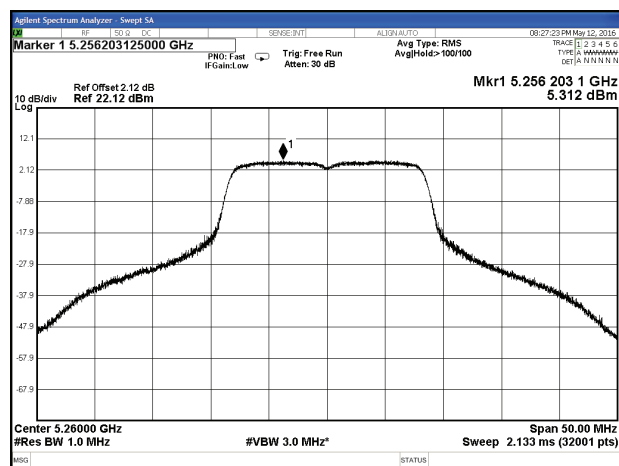
A.4.2 Measurement Plots

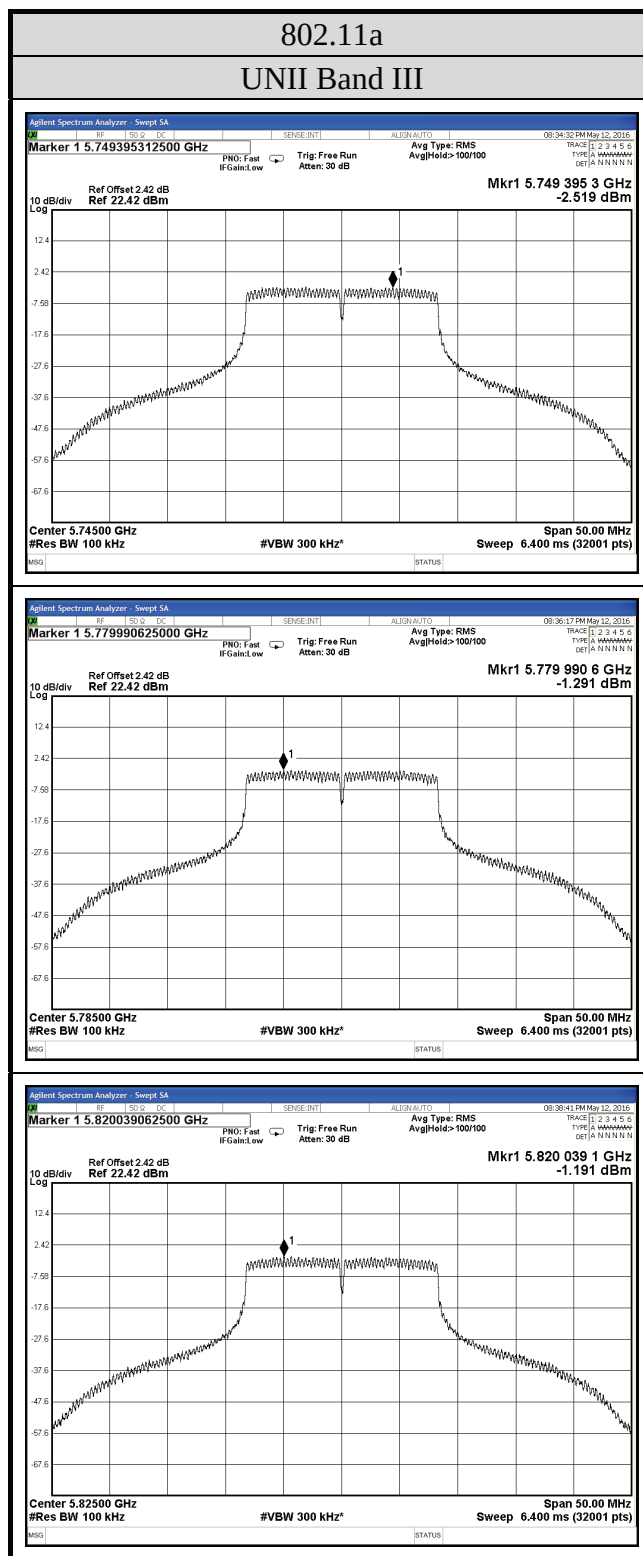
802.11a

UNII Band I



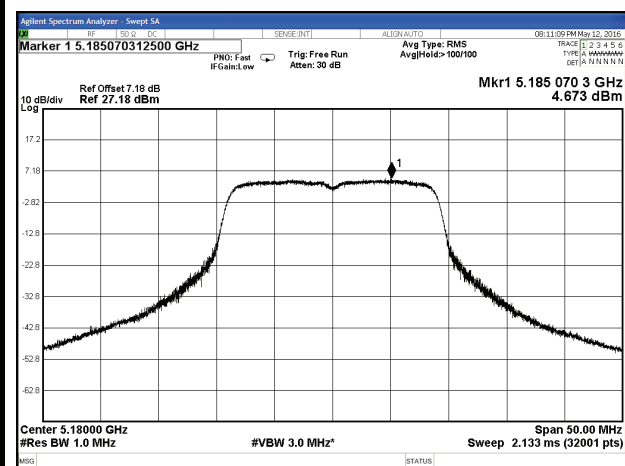
UNII Band II-2A



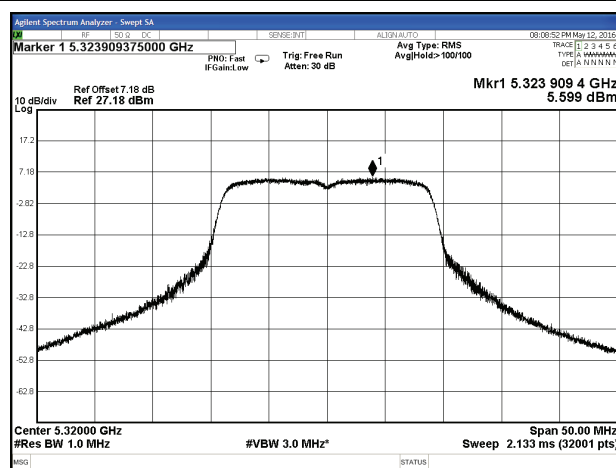
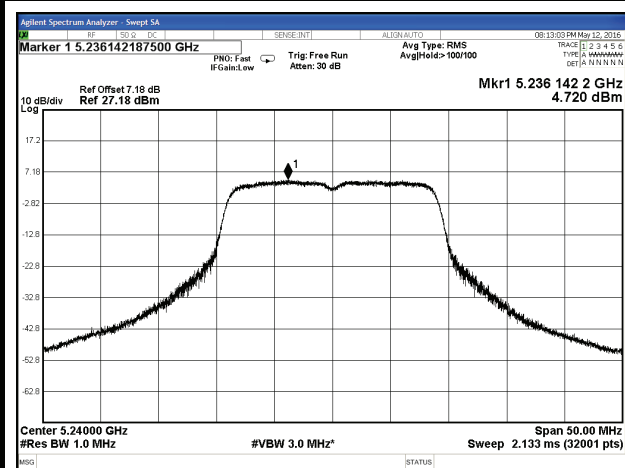
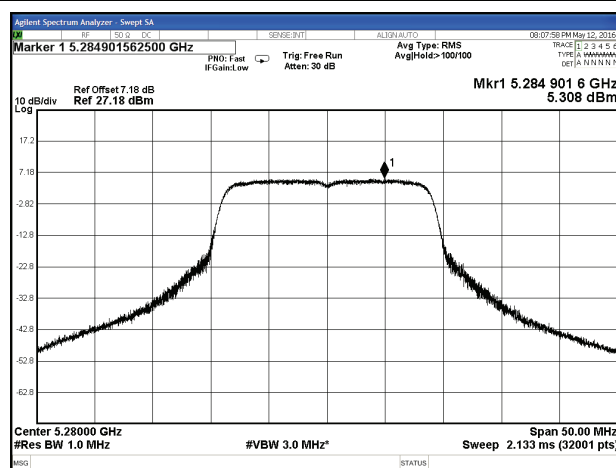
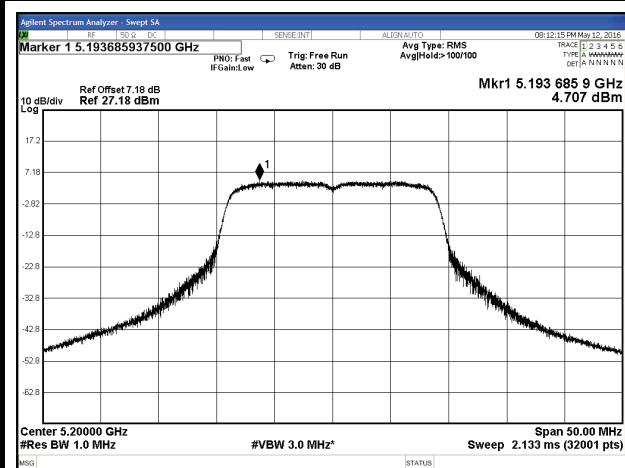
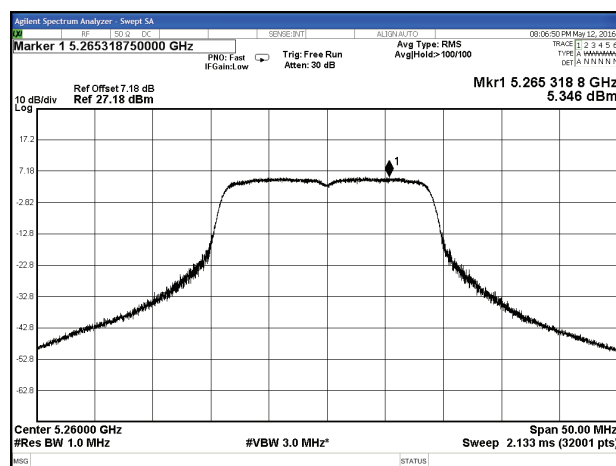


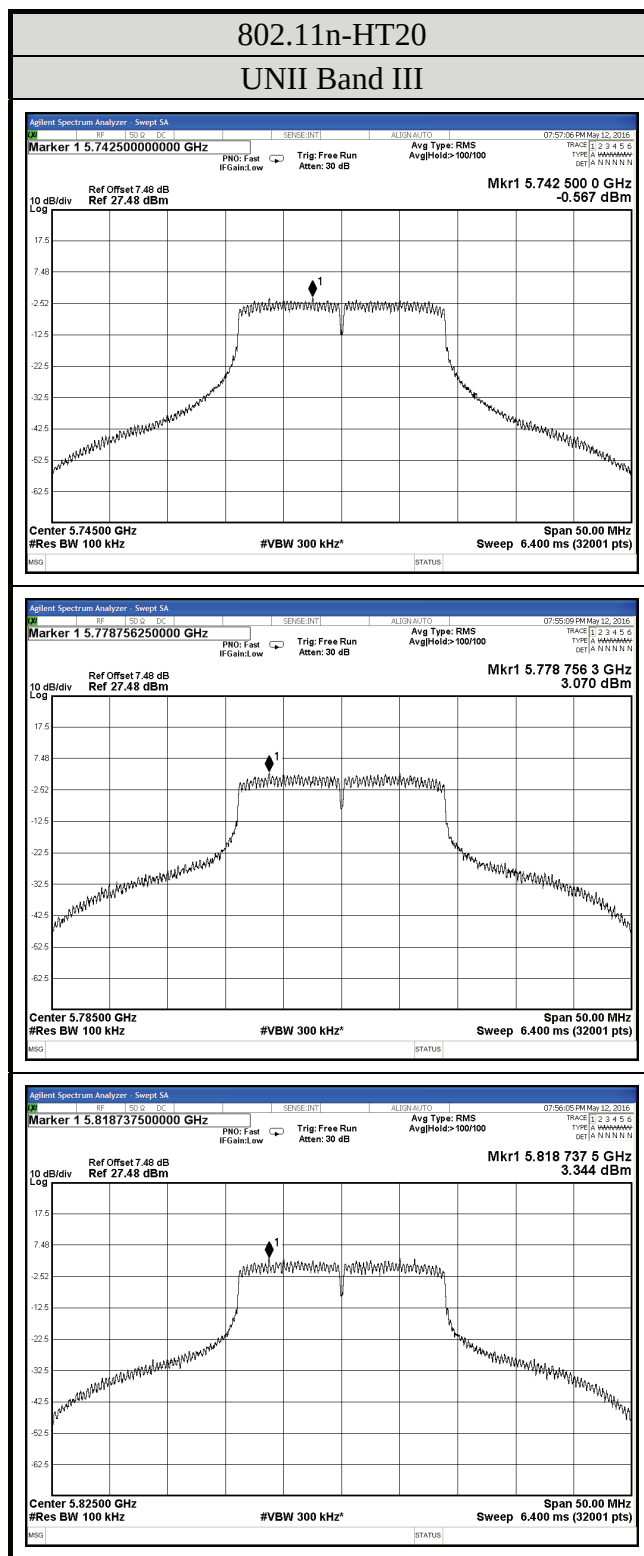
802.11n-HT20

UNII Band I



UNII Band II-2A



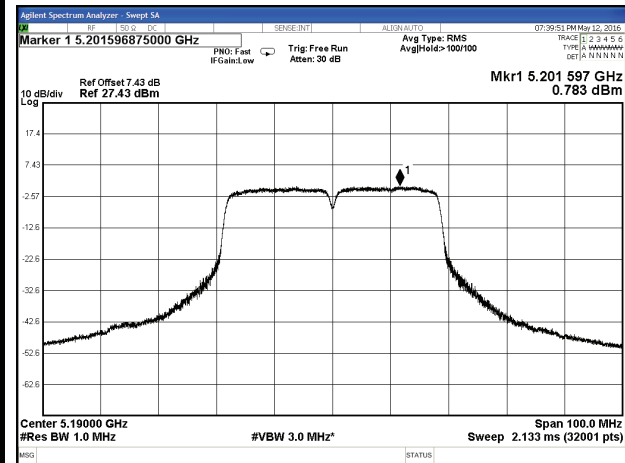


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802.11n-HT40

UNII Band I



UNII Band II-2A

