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APPENDIX A

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APPDNDIX A

TEST PLOTS

(Model: RE200)

File Number: C1M1411001

Report Number: EM-F140740

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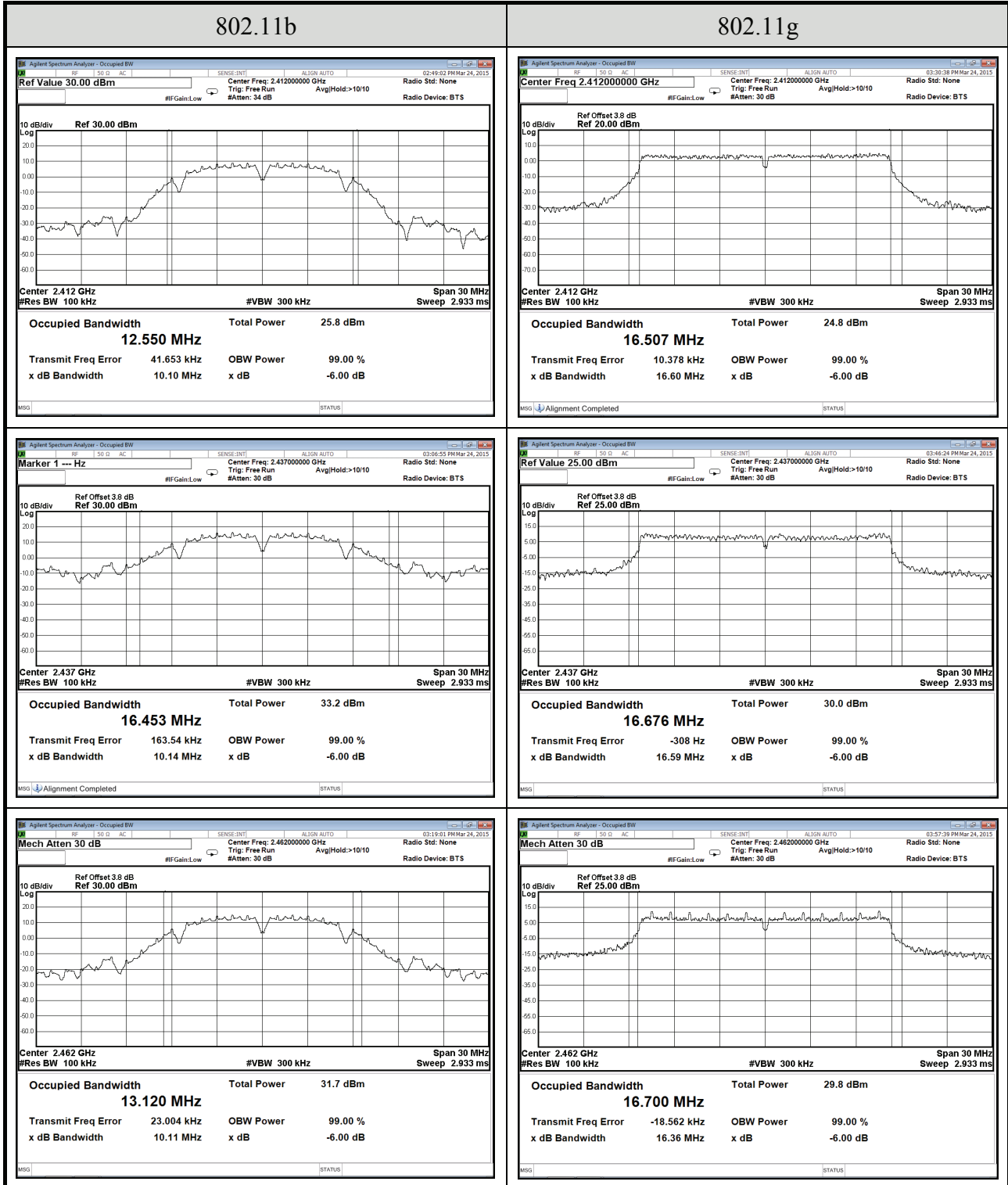
A.1 6dB BANDWIDTH MEASUREMENT

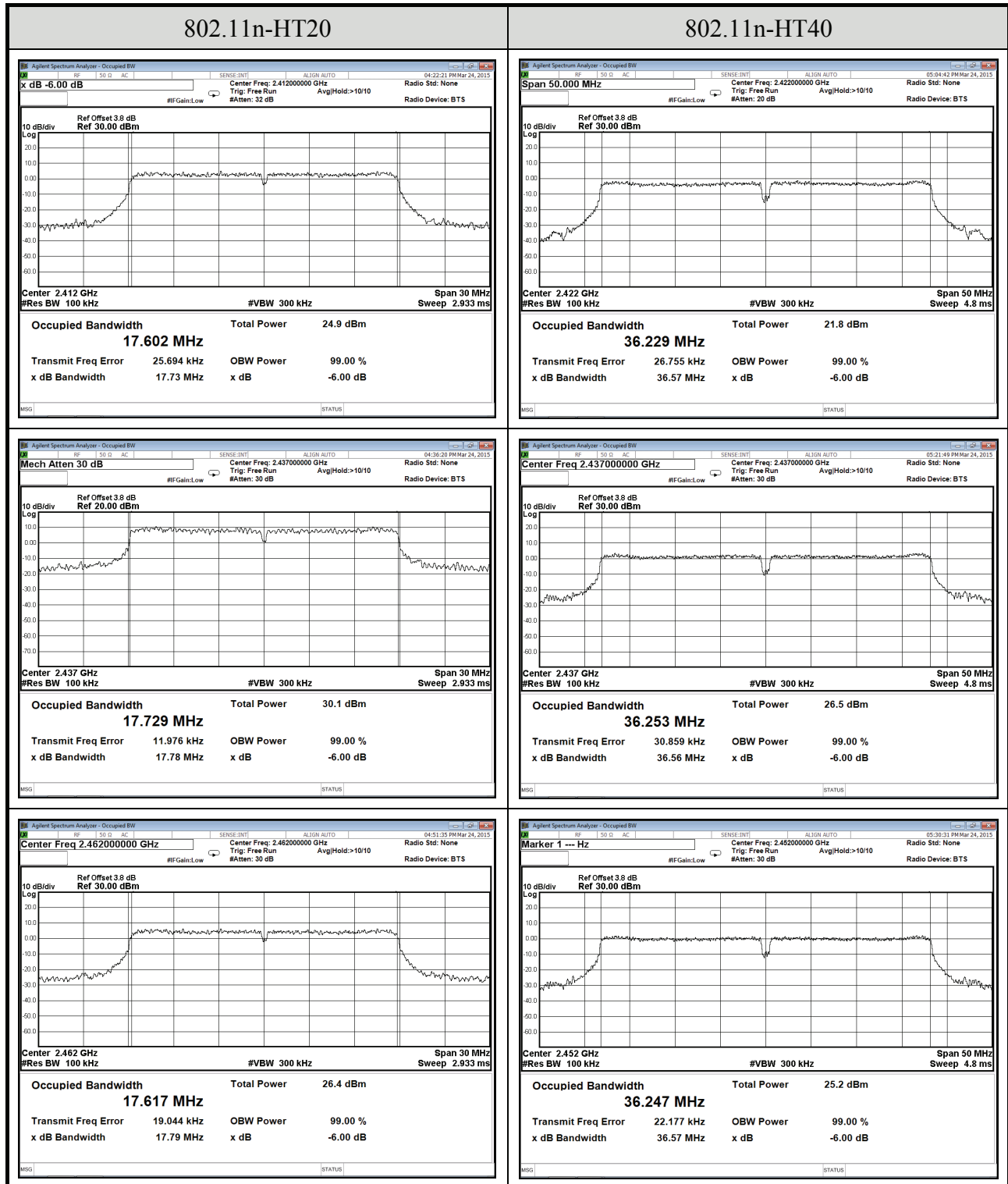
Test Date	2015/03/24	Temp./Hum.	25°C/58%
Cable Loss	3.8dB	Test Voltage	AC 120V, 60Hz

A.1.1 6dB Bandwidth Result

Modulation Type	Centre Frequency (MHz)	6 dB Bandwidth (MHz)	Limit
802.11b	2412	10.10	>500kHz
	2437	10.14	
	2462	10.11	
802.11g	2412	16.60	
	2437	16.59	
	2462	16.36	
802.11n-HT20	2412	17.73	
	2437	17.78	
	2462	17.79	
802.11n-HT40	2422	36.57	
	2437	36.56	
	2452	36.57	

A.1.2 Measurement Plots





A.2 MAXIMUM PEAK OUTPUT POWER MEASUREMENT

Test Date	2015/03/24	Temp./Hum.	25°C/58%
Cable Loss	0.8dB	Test Voltage	AC 120V, 60Hz

A.2.1 Peak Output Power

Modulation Type	Centre Frequency (MHz)	Output Power (dBm)		Total Peak Output Power		Limit	
		Chain 0	Chain 1	(dBm)	(W)		
802.11b	2412	23.24	23.07	26.17	0.414	< 29.04dBm (0.8W)	
	2437	25.29	24.03	27.72	0.592		
	2462	24.50	23.75	27.15	0.519		
802.11g	2412	24.15	23.21	26.72	0.470		
	2437	24.39	24.27	27.34	0.542		
	2462	24.88	24.17	27.55	0.569		
802.11n-HT20	2412	24.30	23.20	26.80	0.479		< 30dBm (1W)
	2437	24.41	24.40	27.42	0.552		
	2462	24.62	24.12	27.39	0.548		
802.11n-HT40	2422	23.38	22.18	25.83	0.383		
	2437	23.94	23.16	26.58	0.455		
	2452	23.41	21.19	25.45	0.351		

Note: The results have been included cable loss.

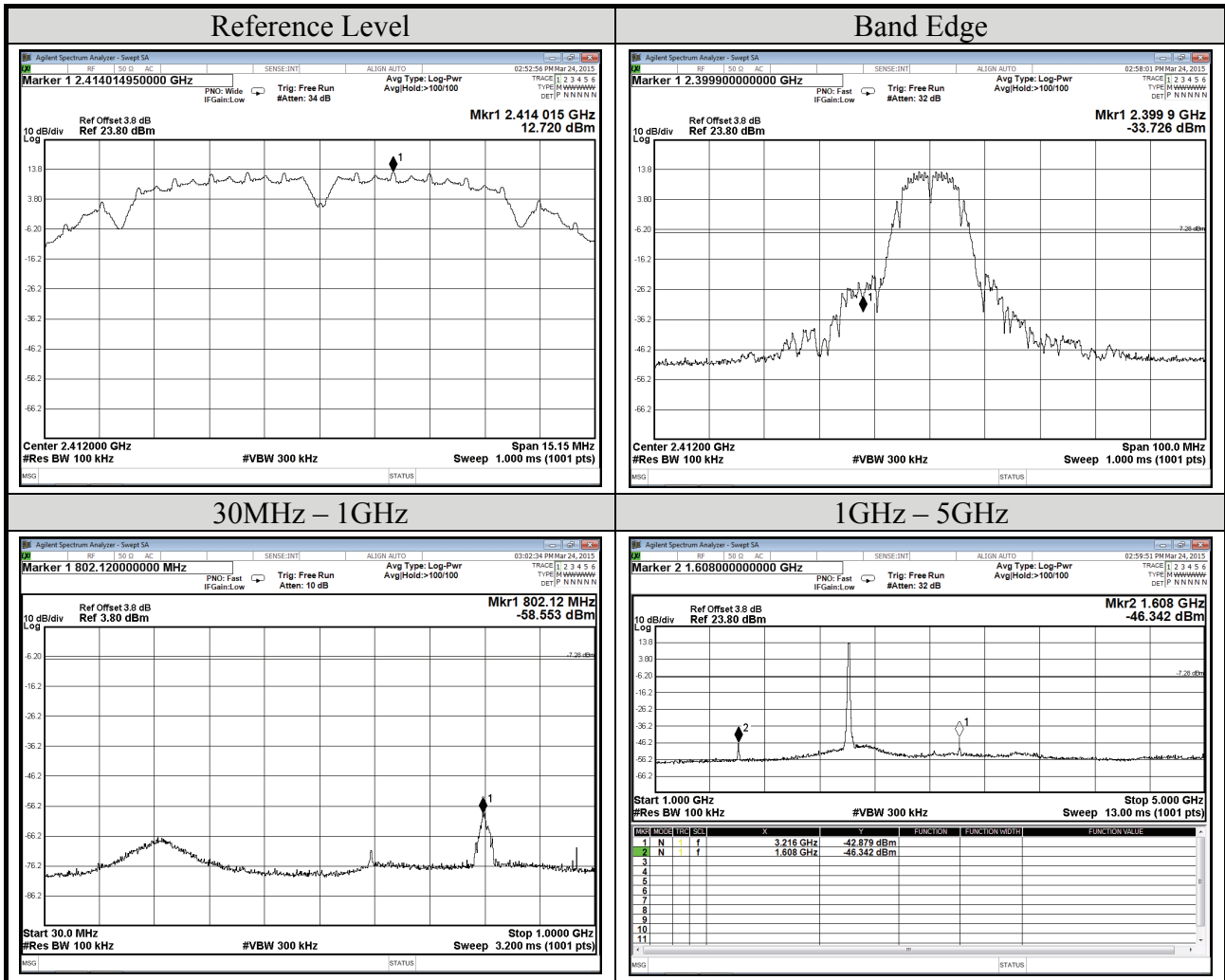
A.2.2 Average Output Power (Reporting only)

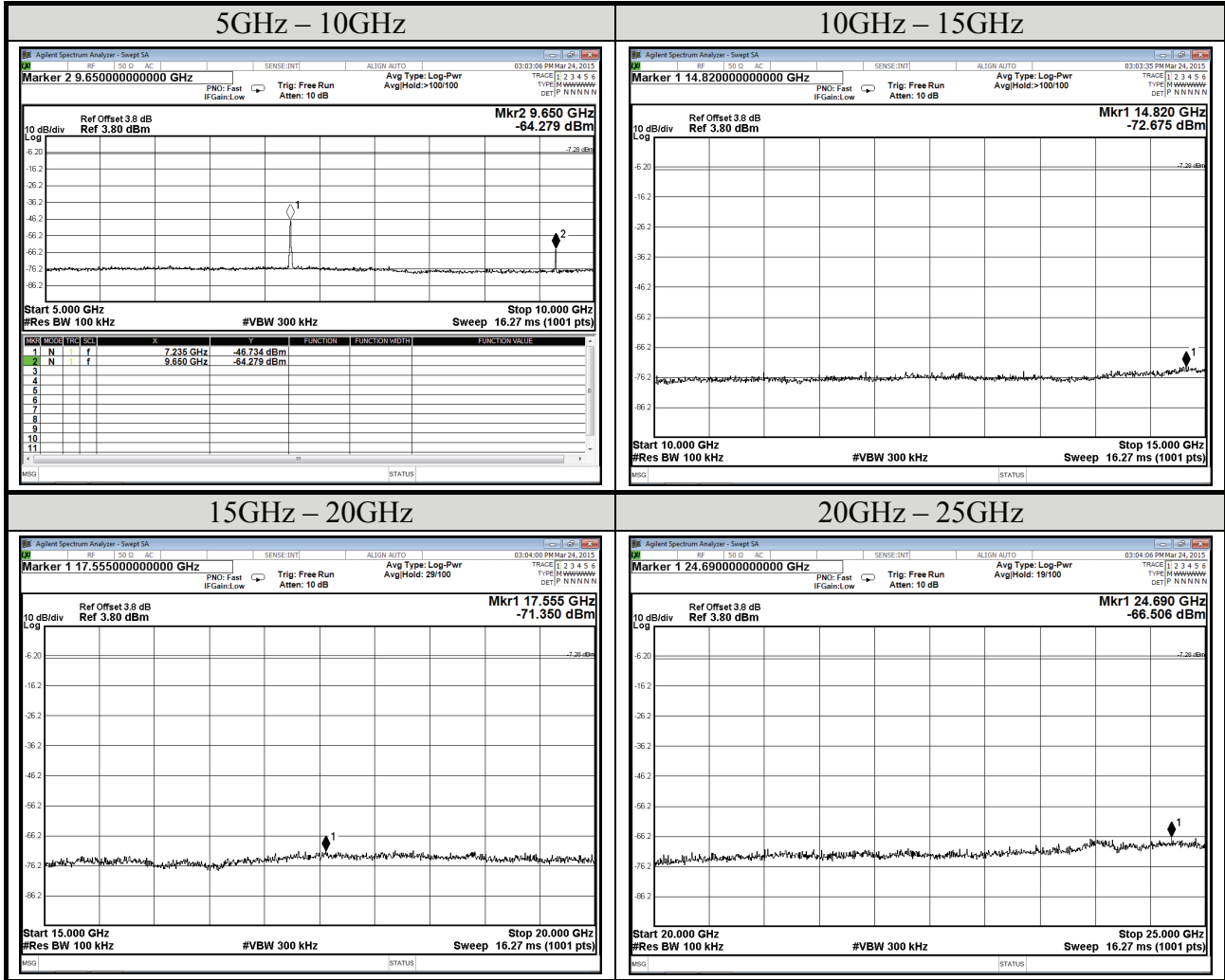
Modulation Type	Centre Frequency (MHz)	Output Power (dBm)		Total Average Output Power		Limit
		Chain 0	Chain 1	(dBm)	(W)	
802.11b	2412	19.91	20.15	23.04	0.201	< 29.04dBm (0.8W)
	2437	22.68	22.35	25.53	0.357	
	2462	21.6	21.34	24.48	0.281	
802.11g	2412	15.51	15.40	18.47	0.070	
	2437	21.68	21.33	24.52	0.283	
	2462	17.59	17.31	20.46	0.111	
802.11n-HT20	2412	15.41	15.12	18.28	0.067	< 30dBm (1W)
	2437	21.39	21.27	24.34	0.272	
	2462	16.05	15.99	19.03	0.080	
802.11n-HT40	2422	13.72	13.39	16.57	0.045	
	2437	15.21	15.28	18.26	0.067	
	2452	14.83	14.94	17.90	0.062	

Note: The results have been included cable loss presented in section.

A.3 EMISSION LIMITATIONS MEASUREMENT

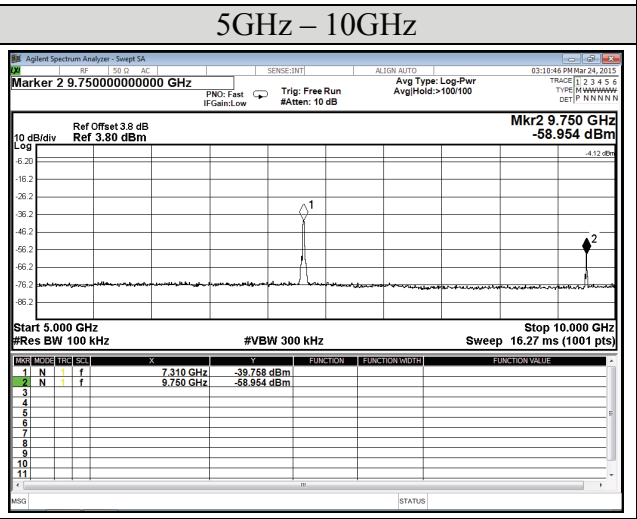
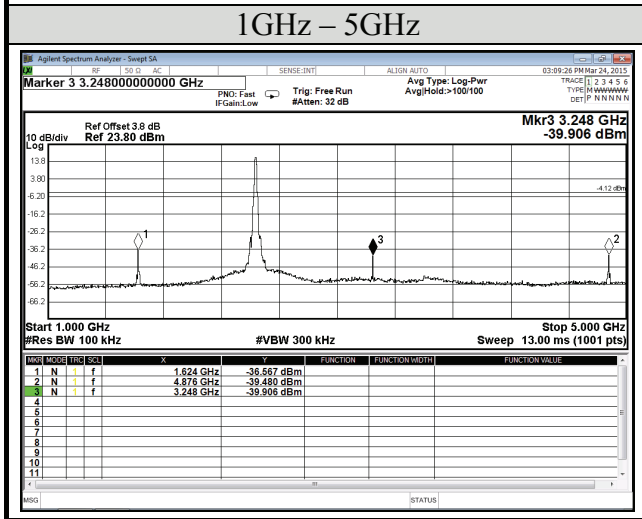
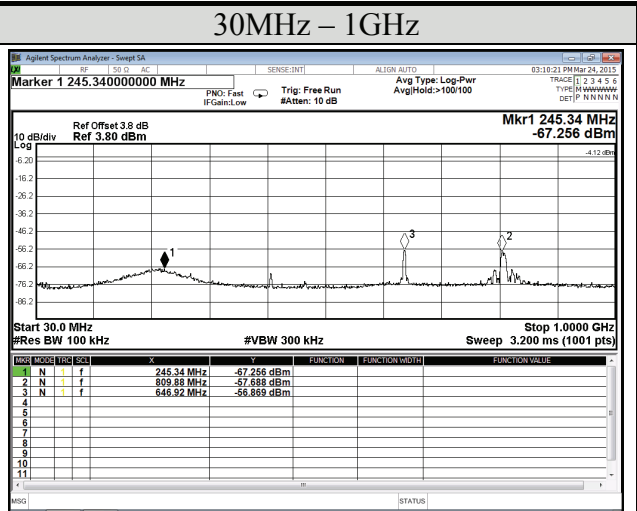
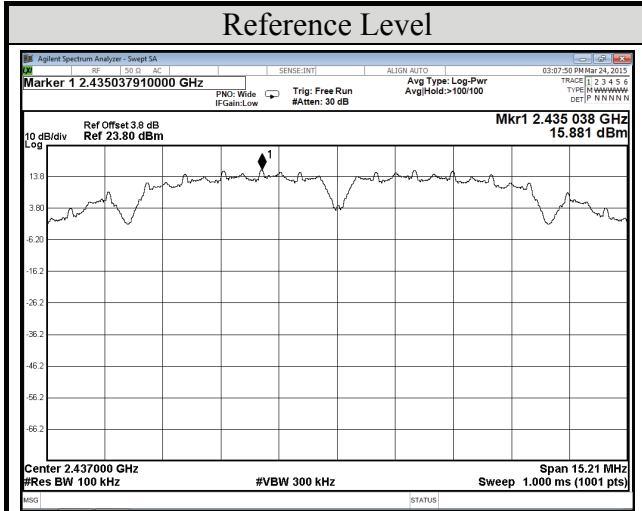
Test Date	2015/03/24	Temp./Hum.	25°C/58%
Mode	802.11b	Frequency	TX 2412MHz
Cable Loss	0.8dB	Test Voltage	AC 120V, 60Hz
Simultaneous 10 log(n) (Note: "n" is antenna number)	2		

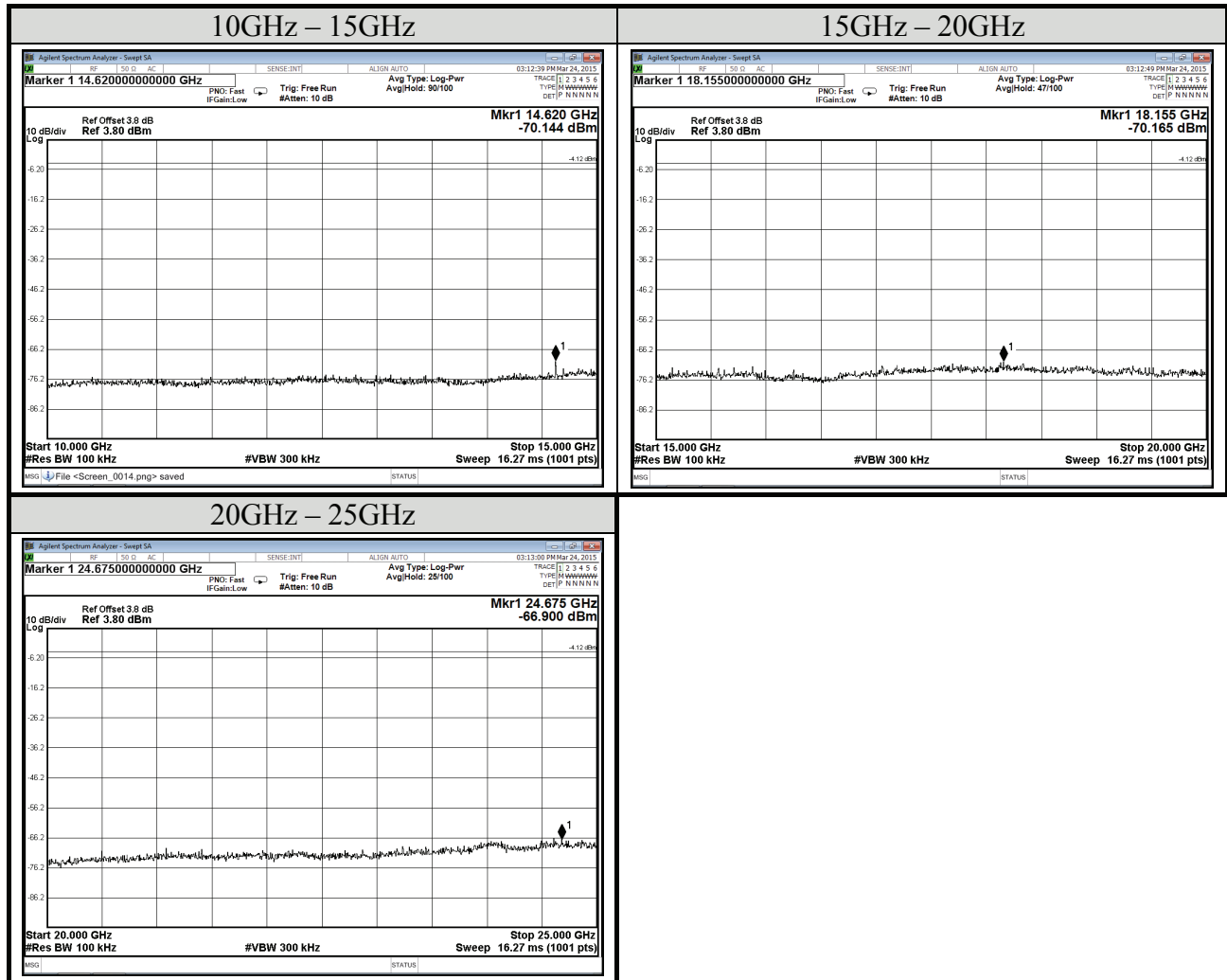




Note: All results have been included cable loss and simultaneous factor.

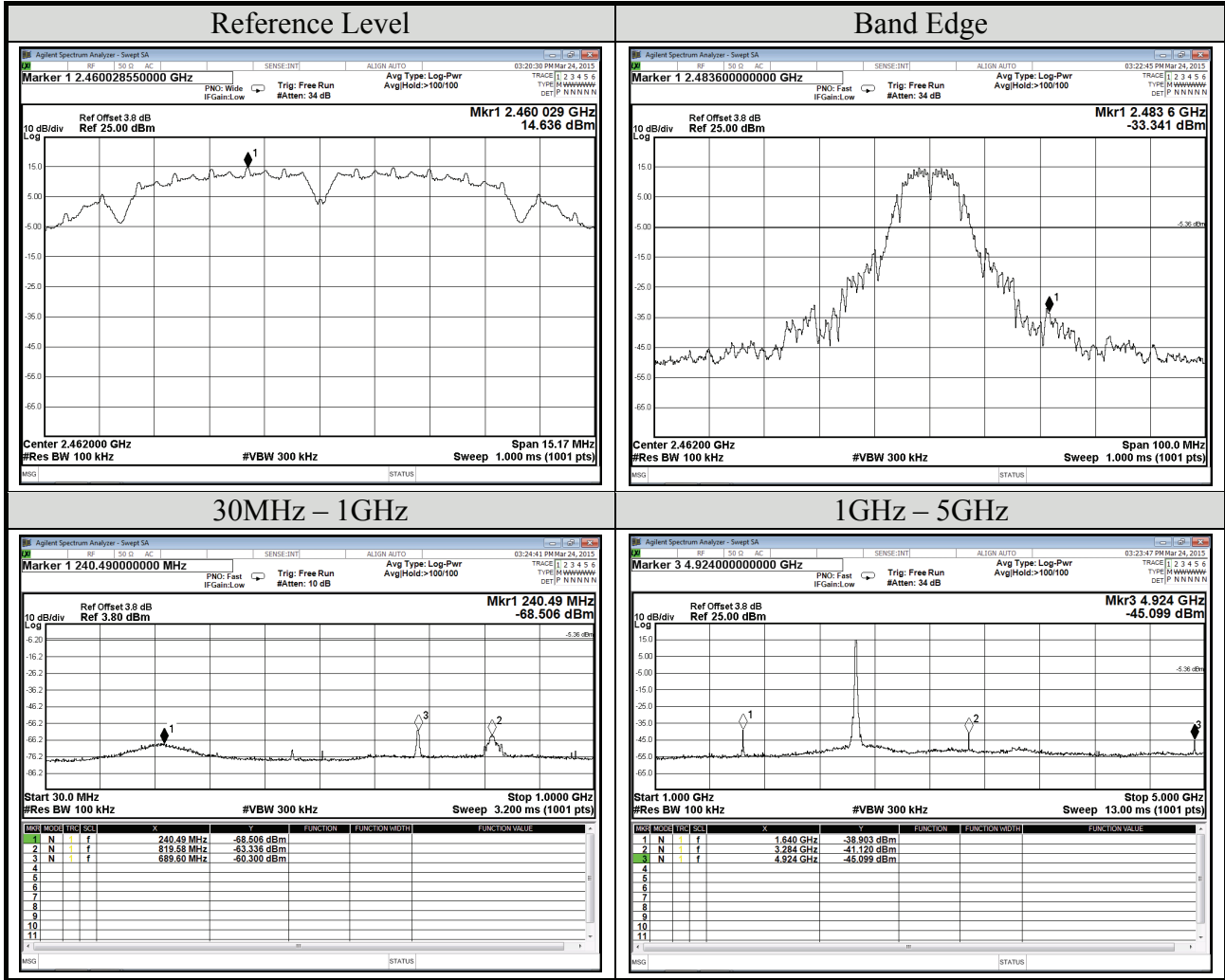
Test Date	2015/03/24	Temp./Hum.	25°C/58%
Mode	802.11b	Frequency	TX 2437MHz
Cable Loss	0.8dB	Test Voltage	AC 120V, 60Hz
Simultaneous 10 log(n) (Note: "n" is antenna number)		2	

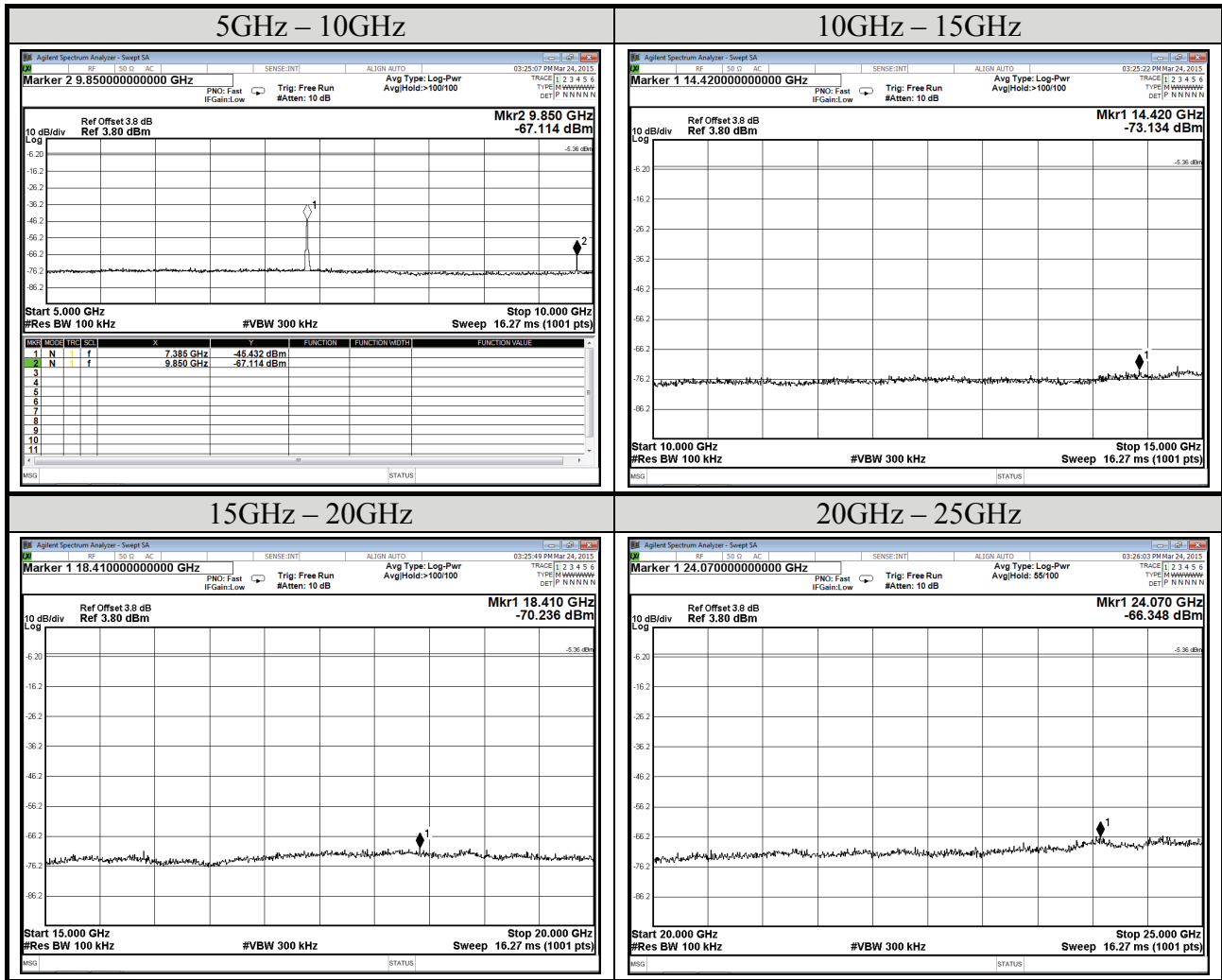




Note: All results have been included cable loss and simultaneous factor.

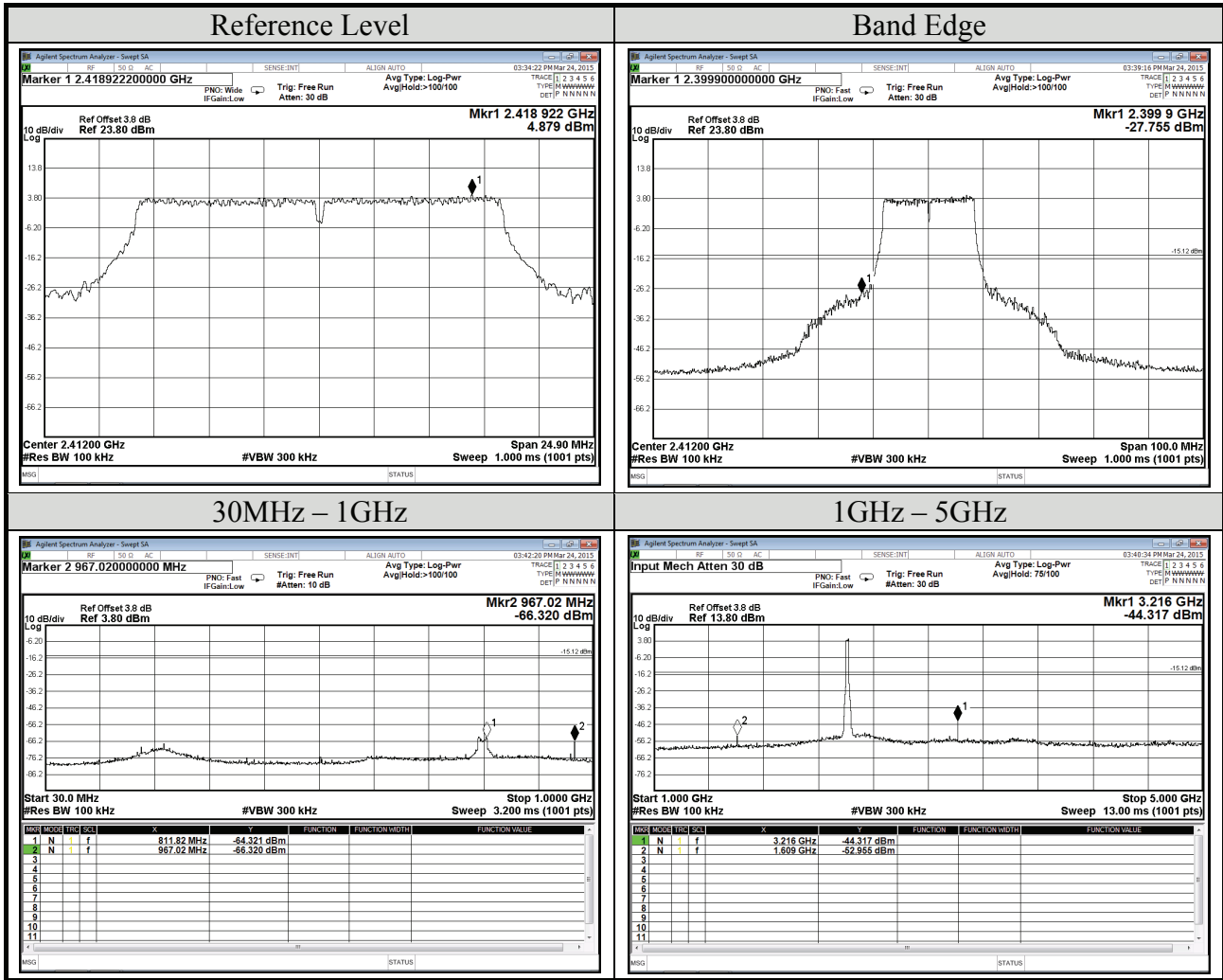
Test Date	2015/03/24	Temp./Hum.	25°C/58%
Mode	802.11b	Frequency	TX 2462MHz
Cable Loss	0.8dB	Test Voltage	AC 120V, 60Hz
Simultaneous 10 log(n) (Note: "n" is antenna number)	2		

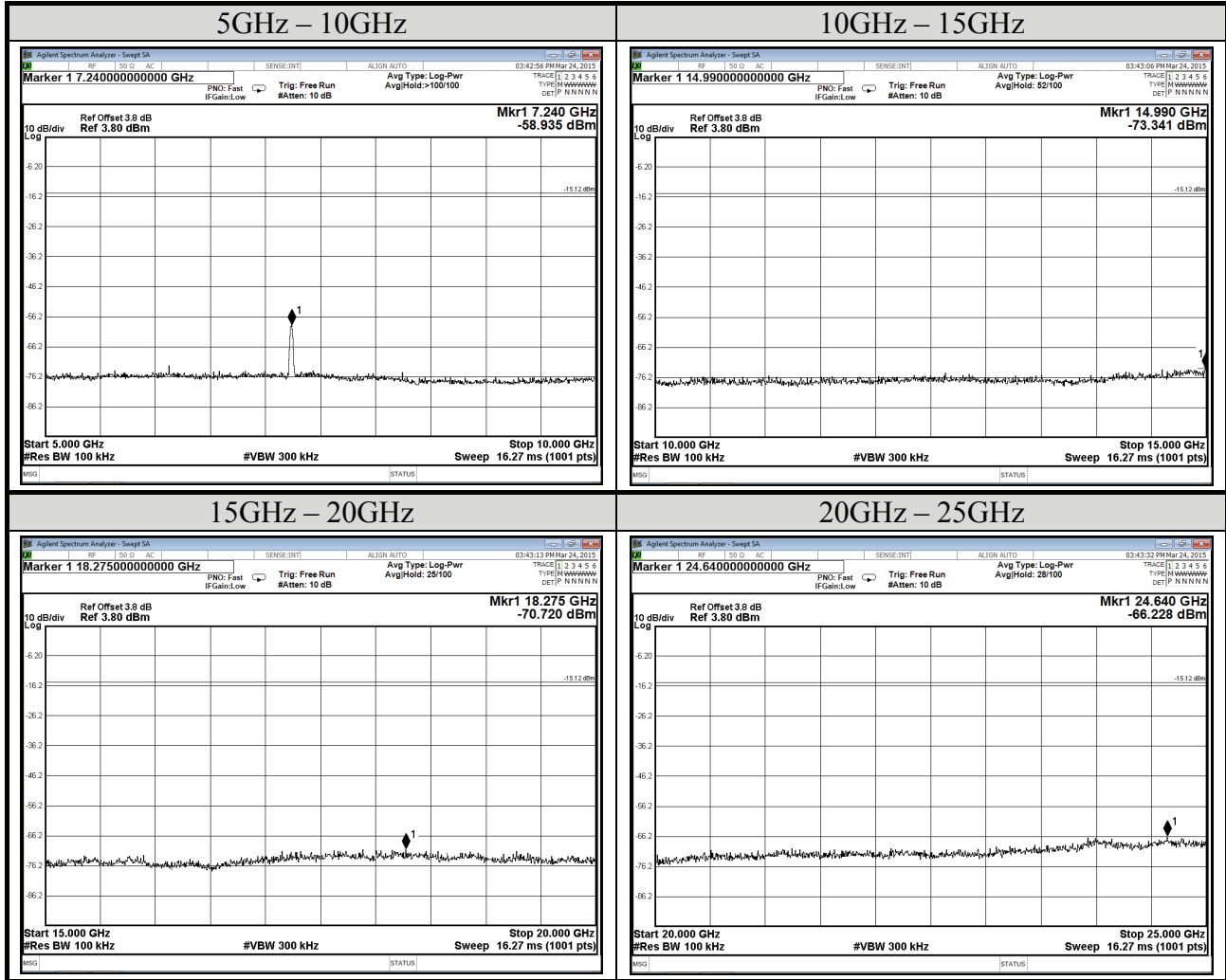




Note: All results have been included cable loss and simultaneous factor.

Test Date	2015/03/24	Temp./Hum.	25°C/58%
Mode	802.11g	Frequency	TX 2412MHz
Cable Loss	0.8dB	Test Voltage	AC 120V, 60Hz
Simultaneous 10 log(n) (Note: "n" is antenna number)	2		





Note: All results have been included cable loss and simultaneous factor.