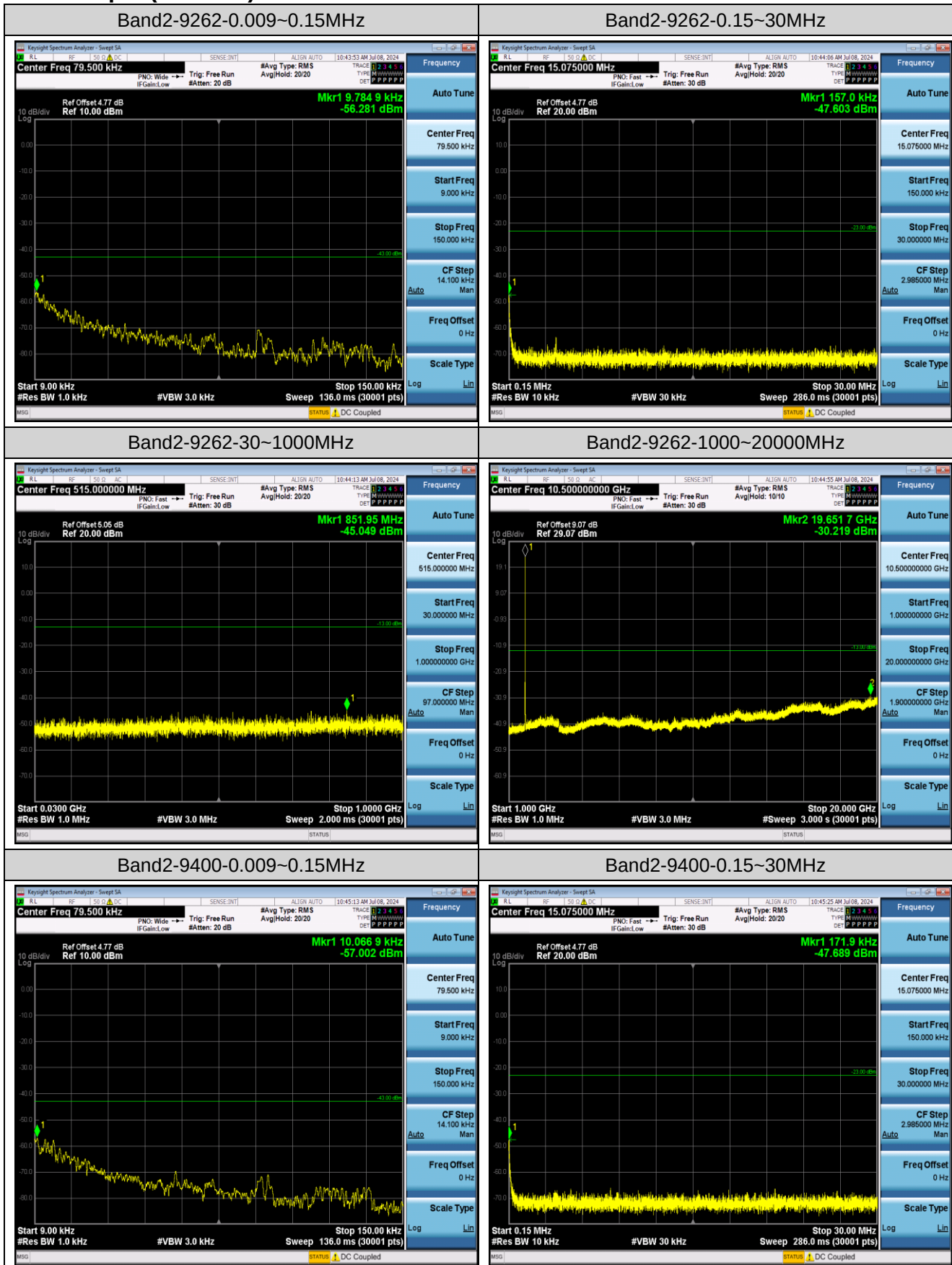
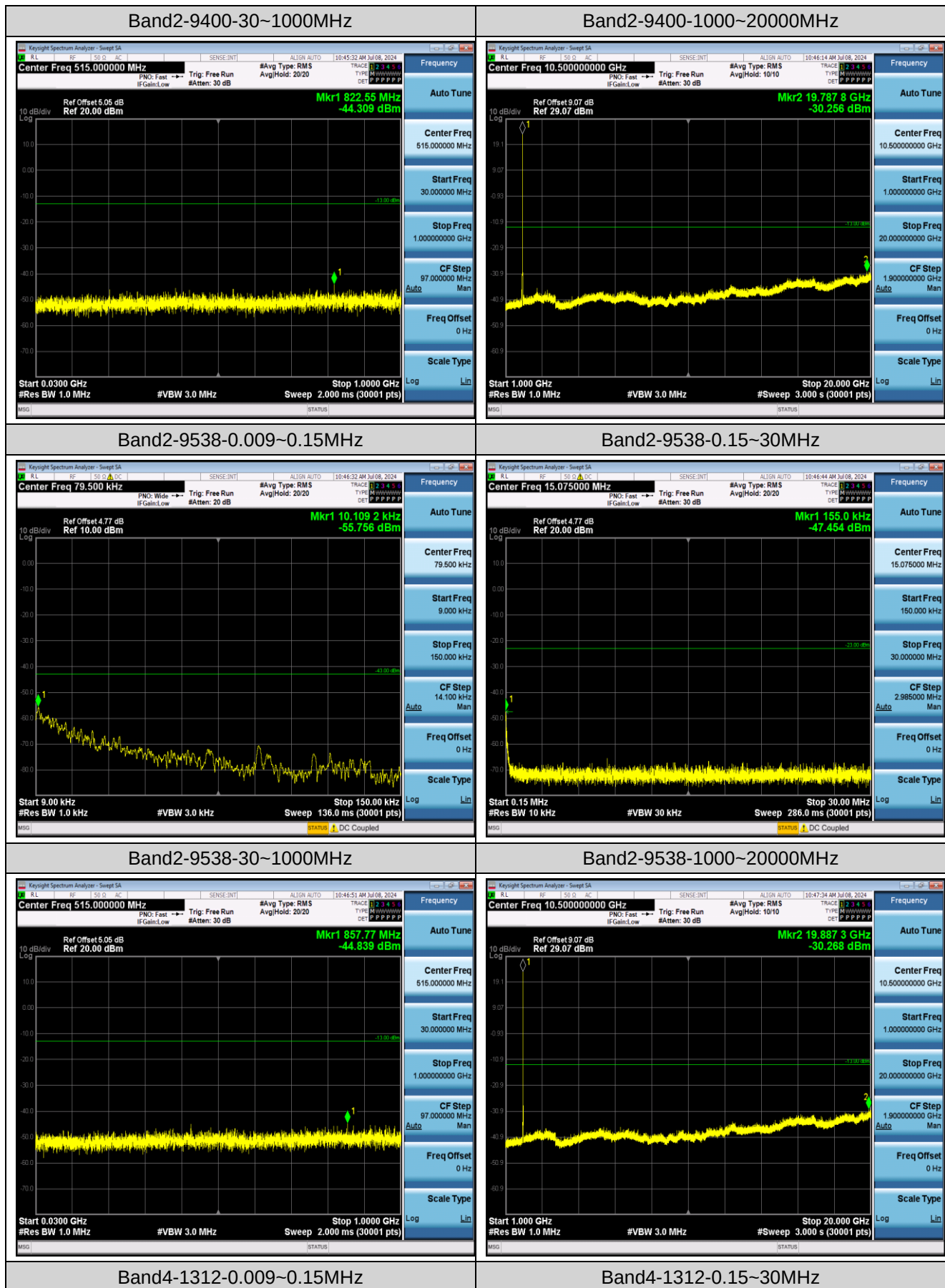
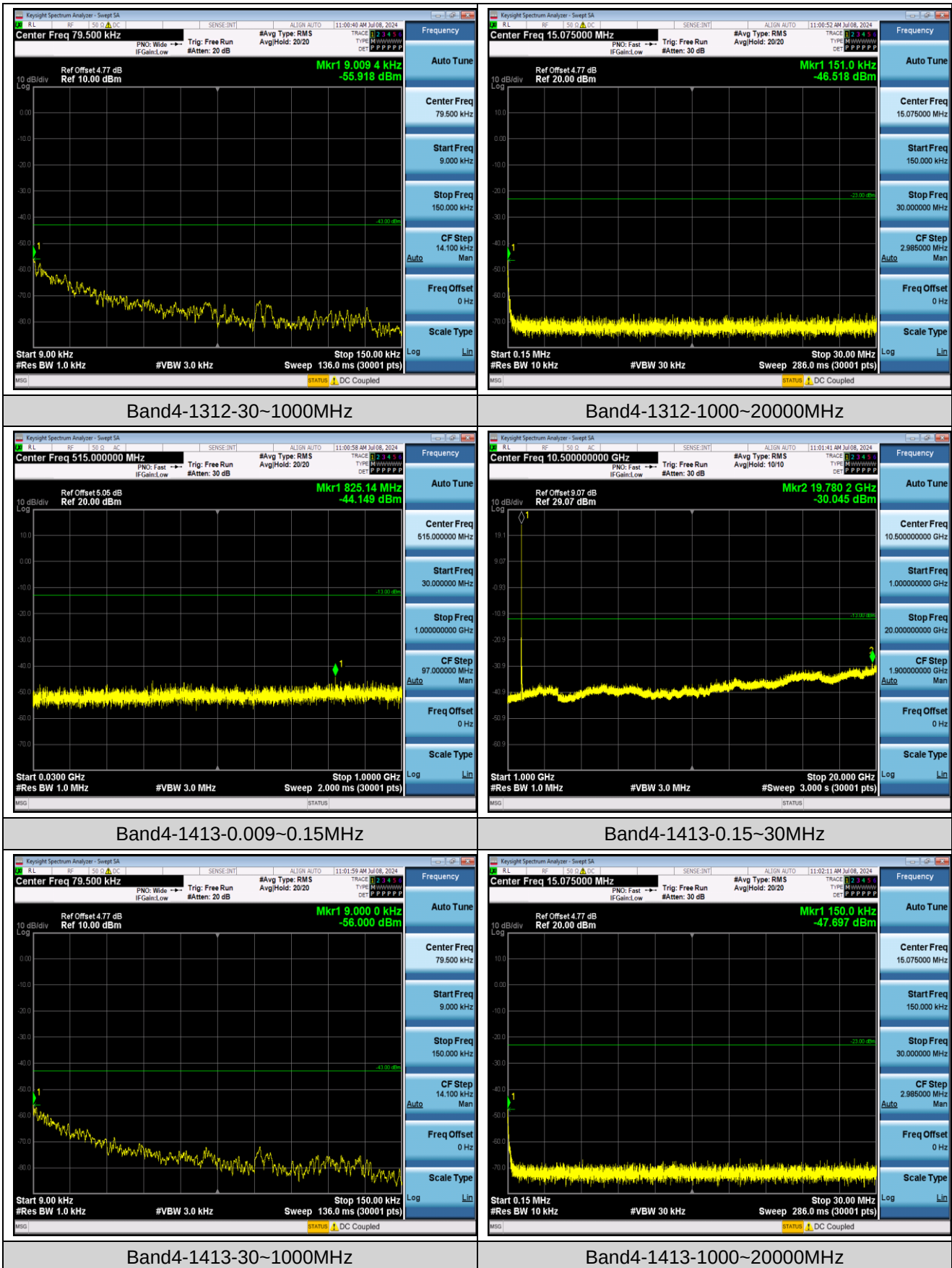
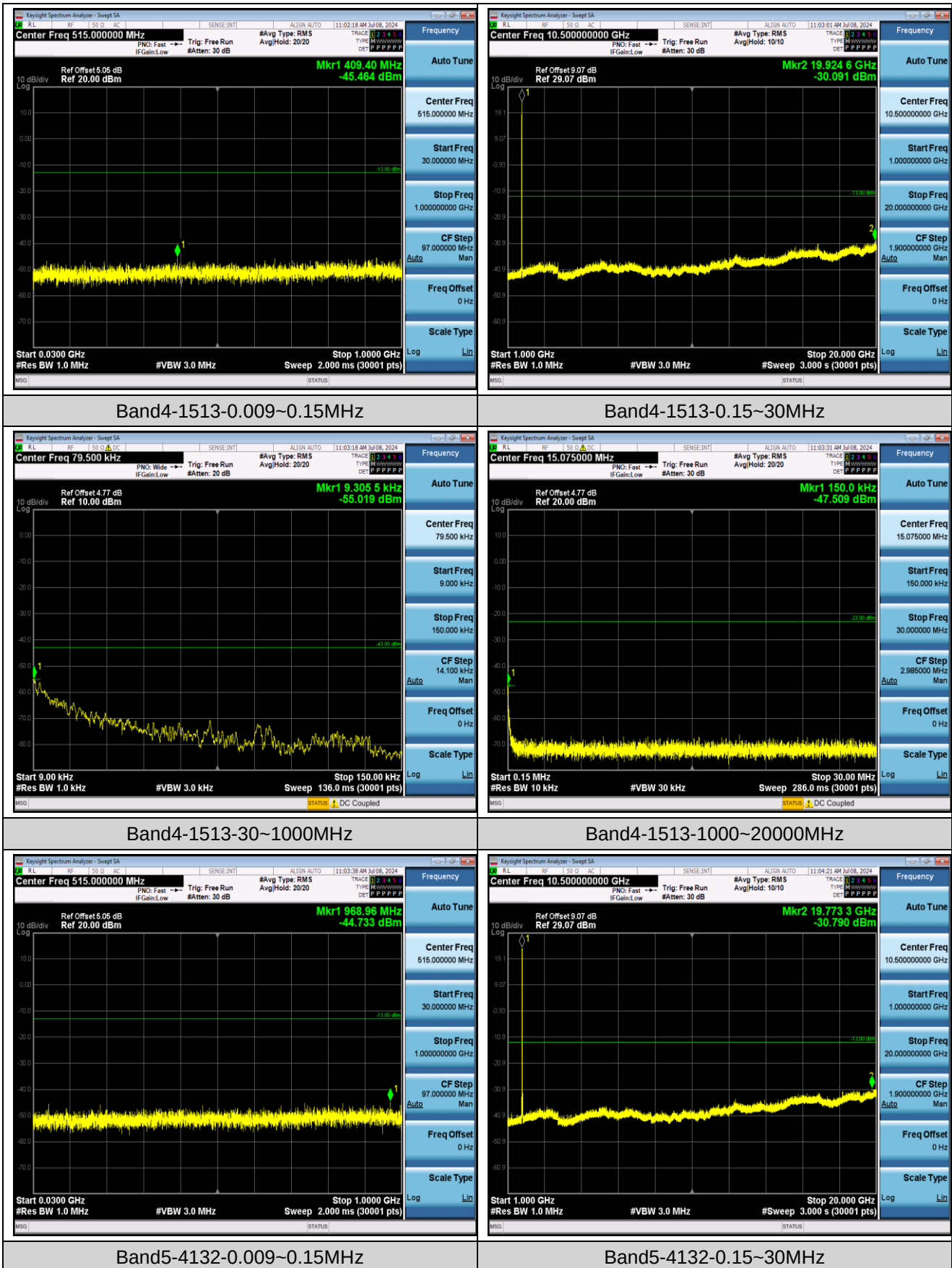


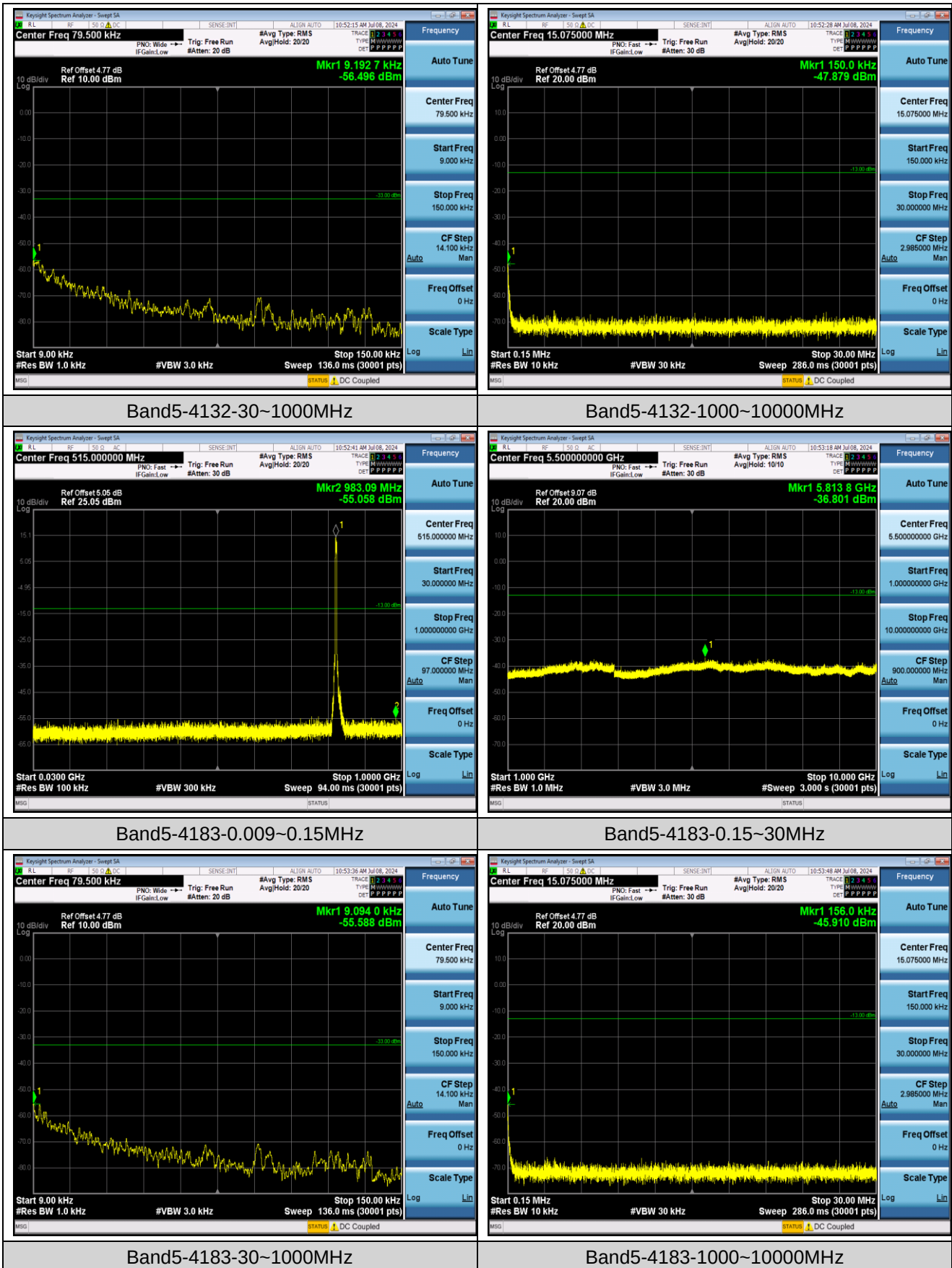
Test Graphs(WCDMA)

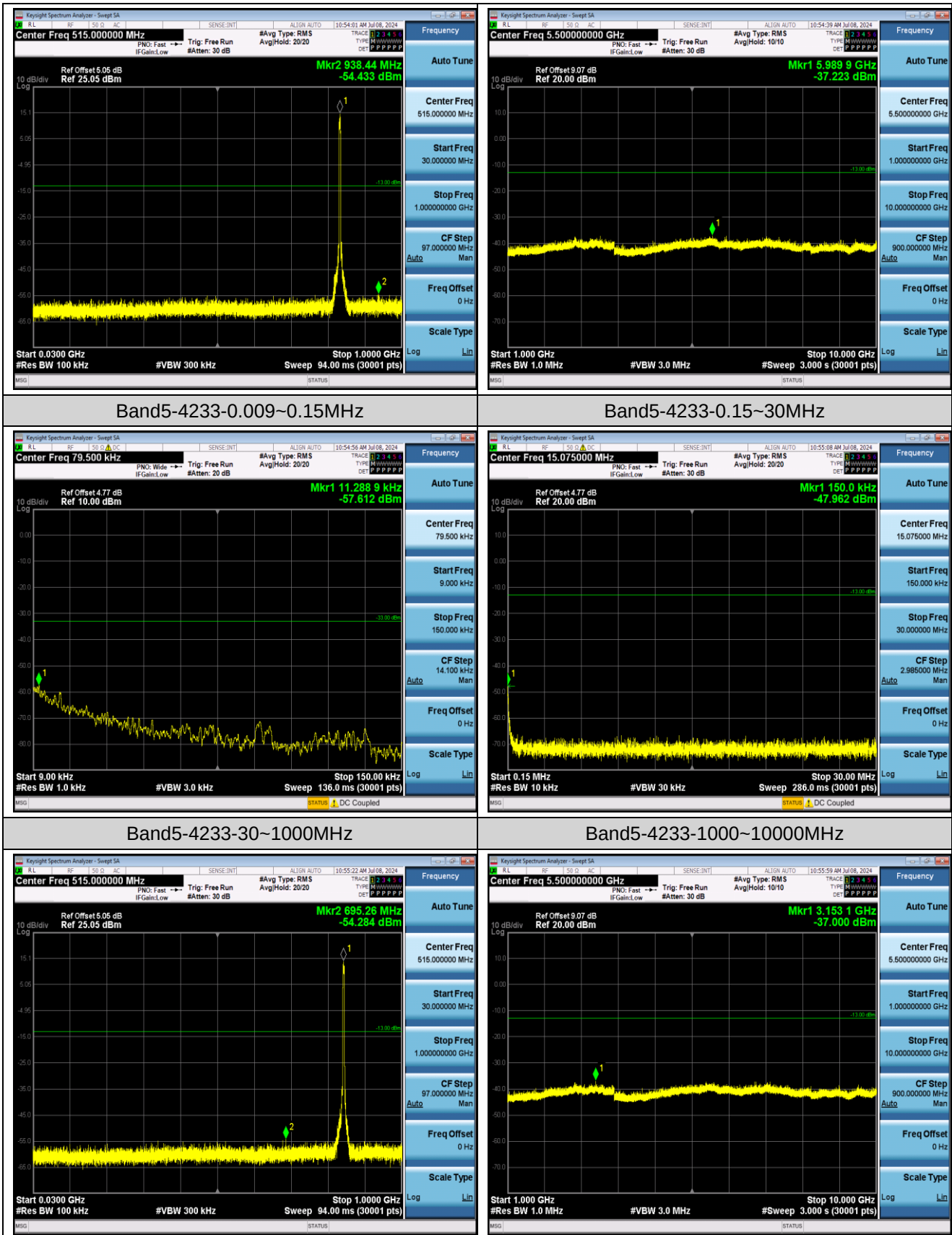












AppendixF:Frequency Stability

Test Result

Reference Frequency: WCDMA BAND V 12.2k RMC Middle channel=4183 Frequency=836.6MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.87	-30	-5.20	-0.006216	±2.5	Pass
	-20	-5.20	-0.006216		
	-10	-3.55	-0.004243		
	0	-2.85	-0.003407		
	10	-5.87	-0.007016		
	20	-4.42	-0.005283		
	30	-2.10	-0.002510		
	40	-3.04	-0.003634		
	50	-3.63	-0.004339		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.45	-5.61	-0.006706	±2.5	Pass
	3.87	-5.04	-0.006024		
	4.45	-5.19	-0.006204		
Remark: All channel had been tested, but only the worst case data displayed in this report.					

Reference Frequency: WCDMA BAND IV 12.2k RMC Middle Frequency=1413 channel=1732.6MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.87	-30	-3.65	-0.002107	Within authorized band for BAND IV	Pass
	-20	-4.32	-0.002493		
	-10	-4.18	-0.002413		
	0	-5.04	-0.002909		
	10	-6.39	-0.003688		
	20	-3.09	-0.001783		
	30	-7.64	-0.004410		
	40	-2.00	-0.001154		
	50	-3.04	-0.001755		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.45	-3.83	-0.002211	Within authorized band for BAND IV	Pass
	3.87	-1.72	-0.000993		
	4.45	-6.75	-0.003896		
Remark: All channel had been tested, but only the worst case data displayed in this report.					

Reference Frequency: WCDMA BAND II 12.2k RMC Middle Frequency=9400 channel=1880MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.87	-30	-4.09	-0.002176	Within authorized band for BAND II	Pass
	-20	-3.28	-0.001745		
	-10	-4.03	-0.002144		
	0	-4.08	-0.002170		
	10	-3.32	-0.001766		
	20	-3.15	-0.001676		
	30	-3.02	-0.001606		
	40	-1.30	-0.000691		
	50	-2.10	-0.001117		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.45	-5.11	-0.002718	Within authorized band for BAND II	Pass
	3.87	-8.41	-0.004473		
	4.45	-4.21	-0.002239		
Remark: All channel had been tested, but only the worst case data displayed in this report.					

Appendix G: Modulation Characteristics

Test Result

Band	Channel	Result	Verdict
Band2	9400	PASS	PASS
Band4	1413	PASS	PASS
Band5	4183	PASS	PASS

Remark: All channel had been tested, but only the worst case data displayed in this report.

Test Graphs

