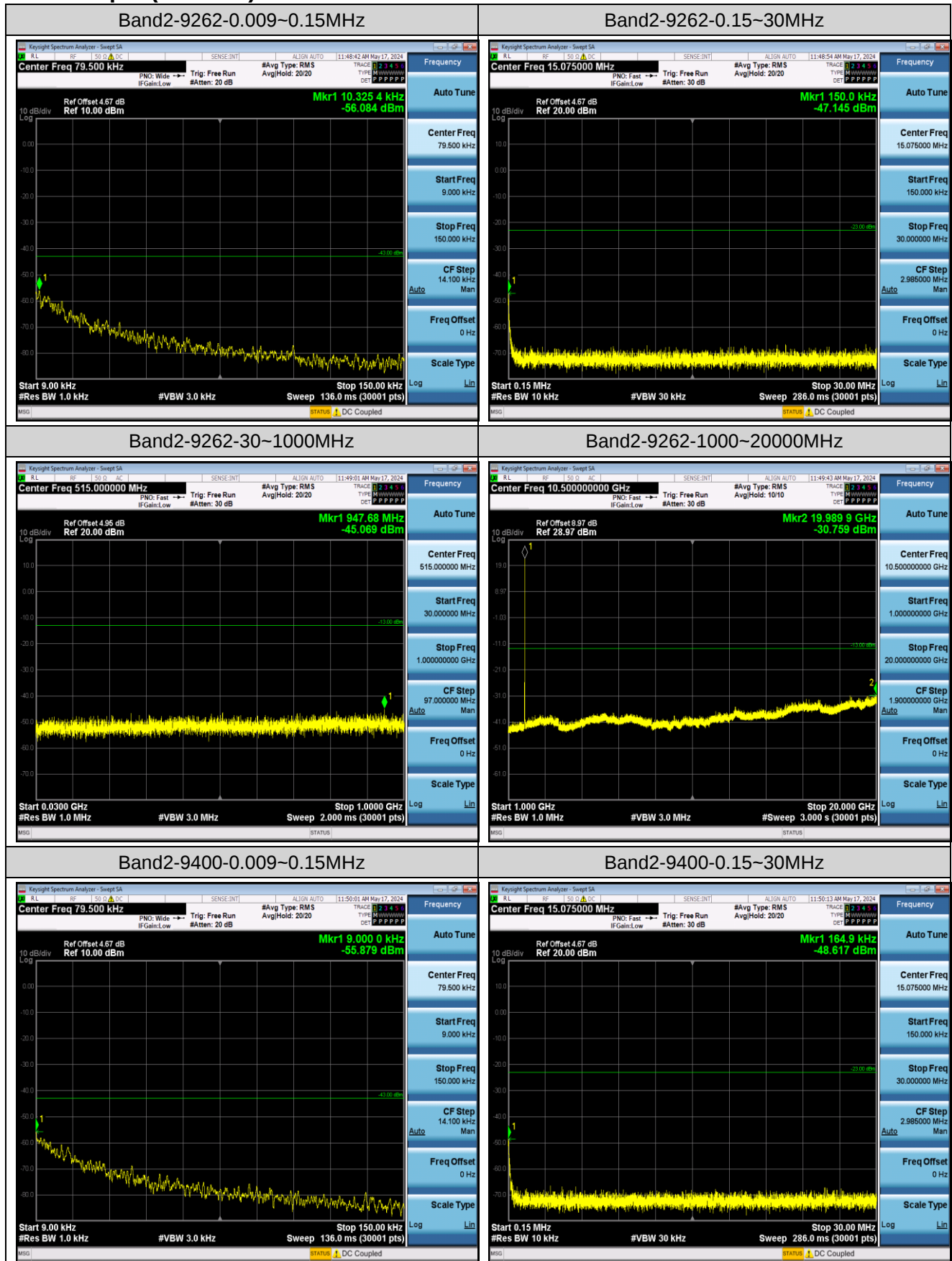
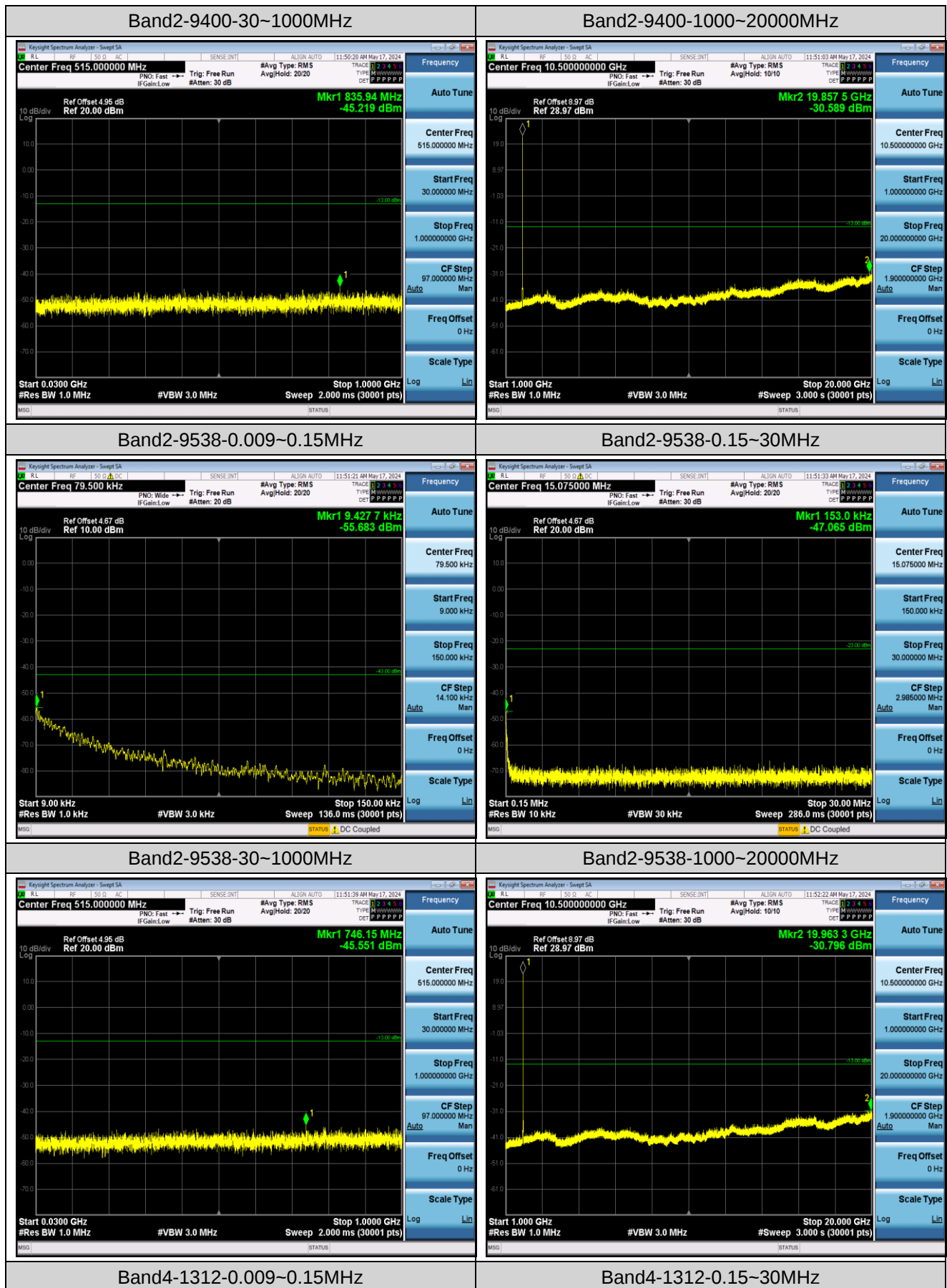
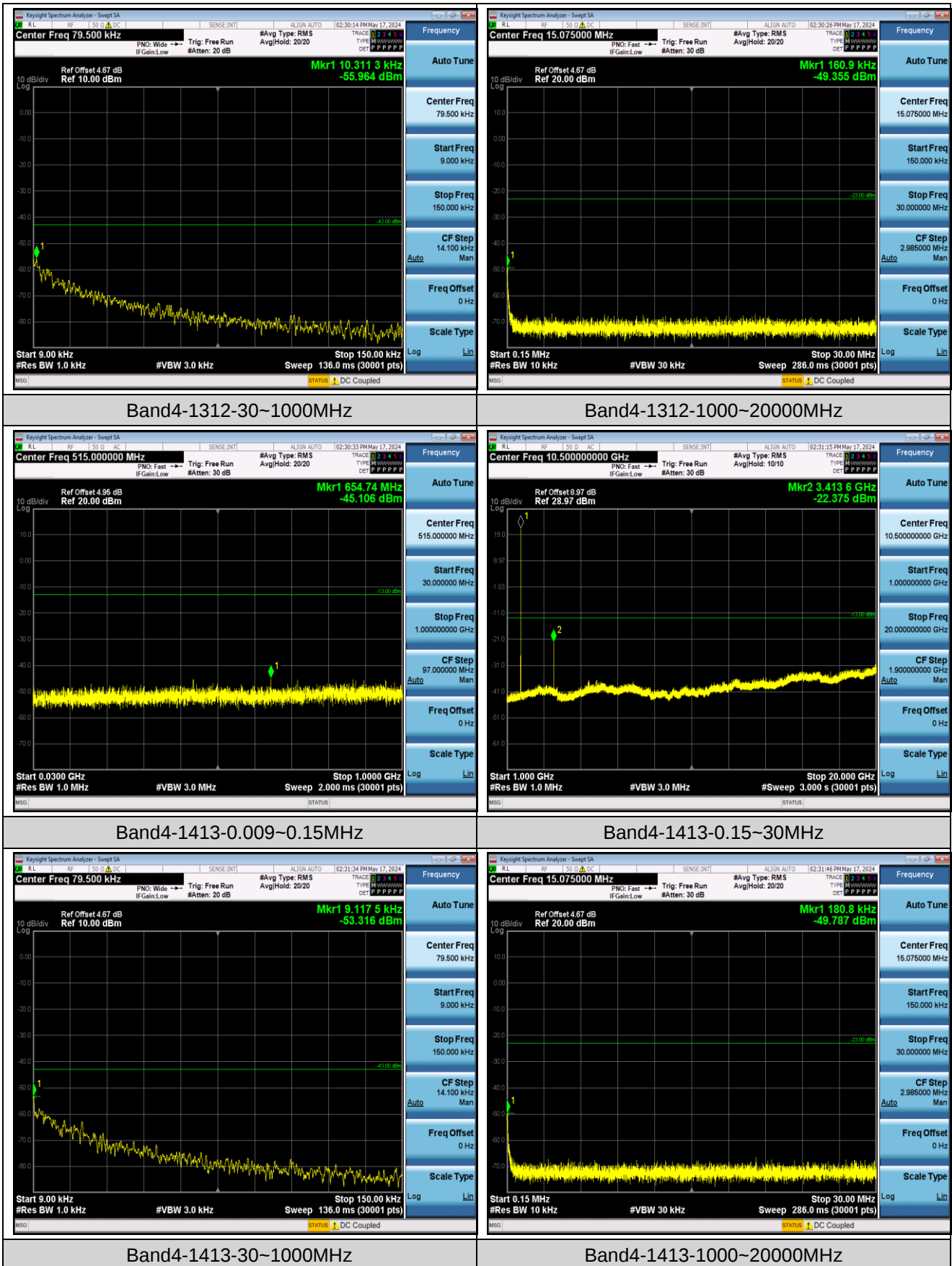
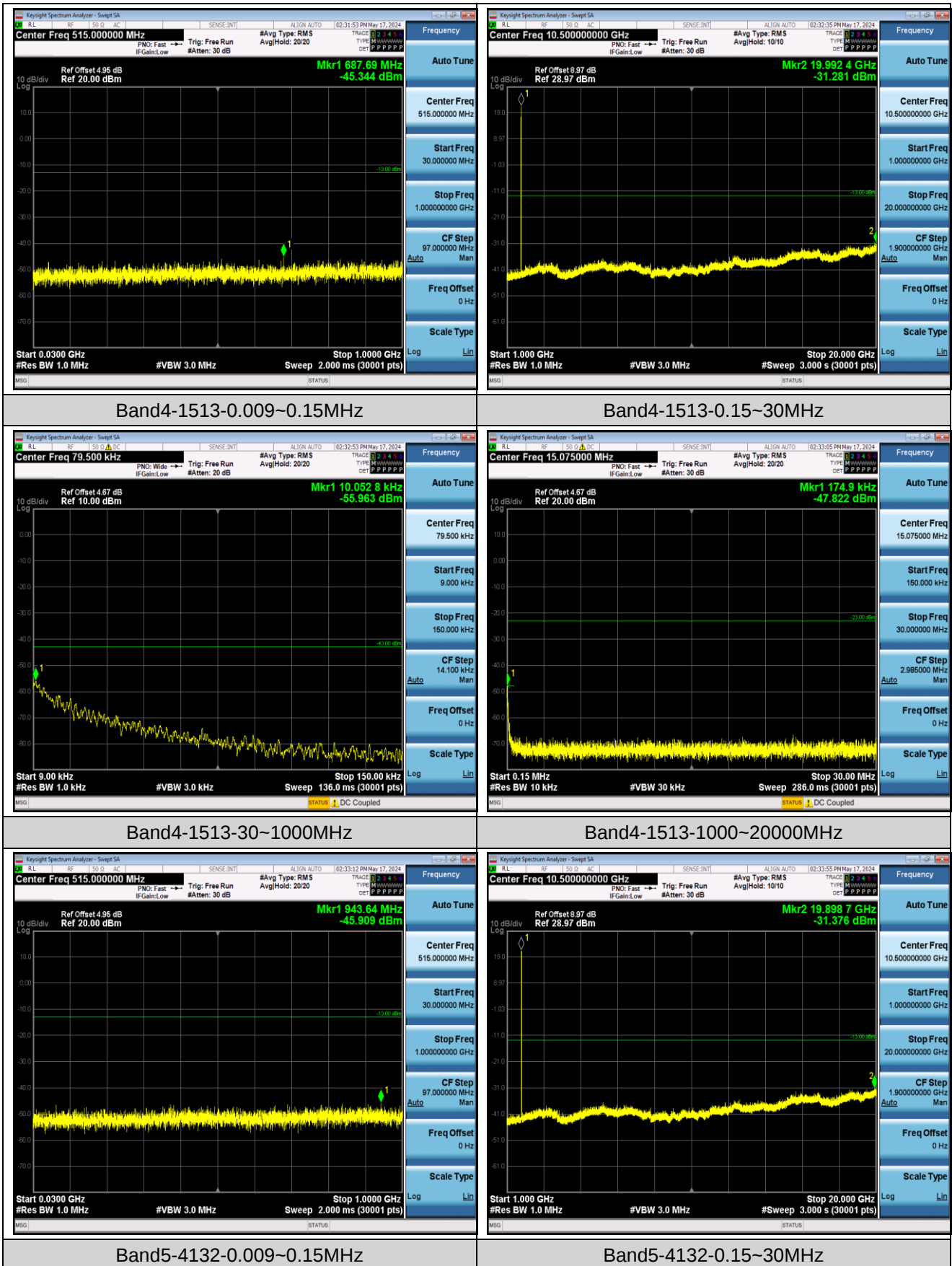


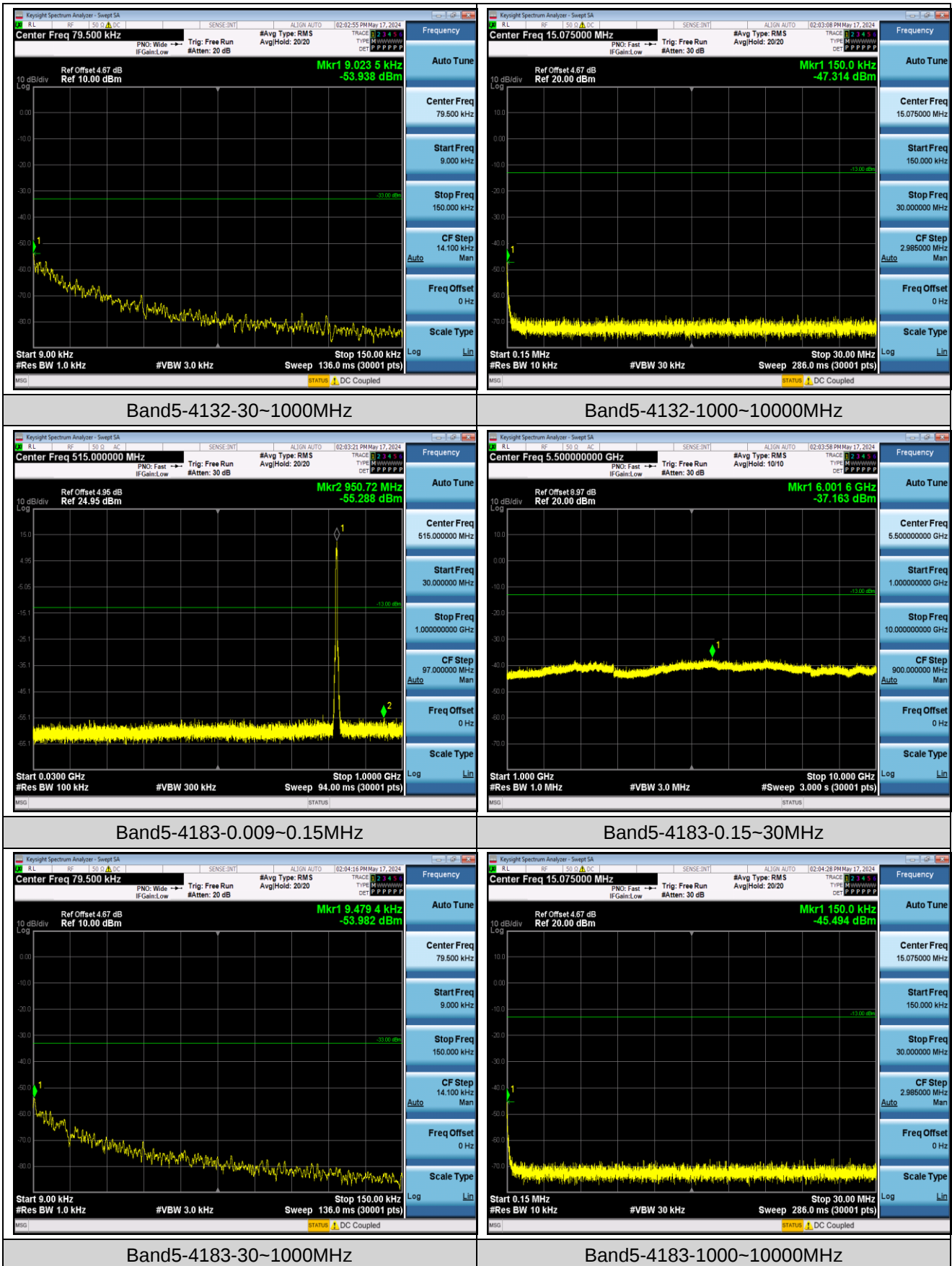
Test Graphs(WCDMA)

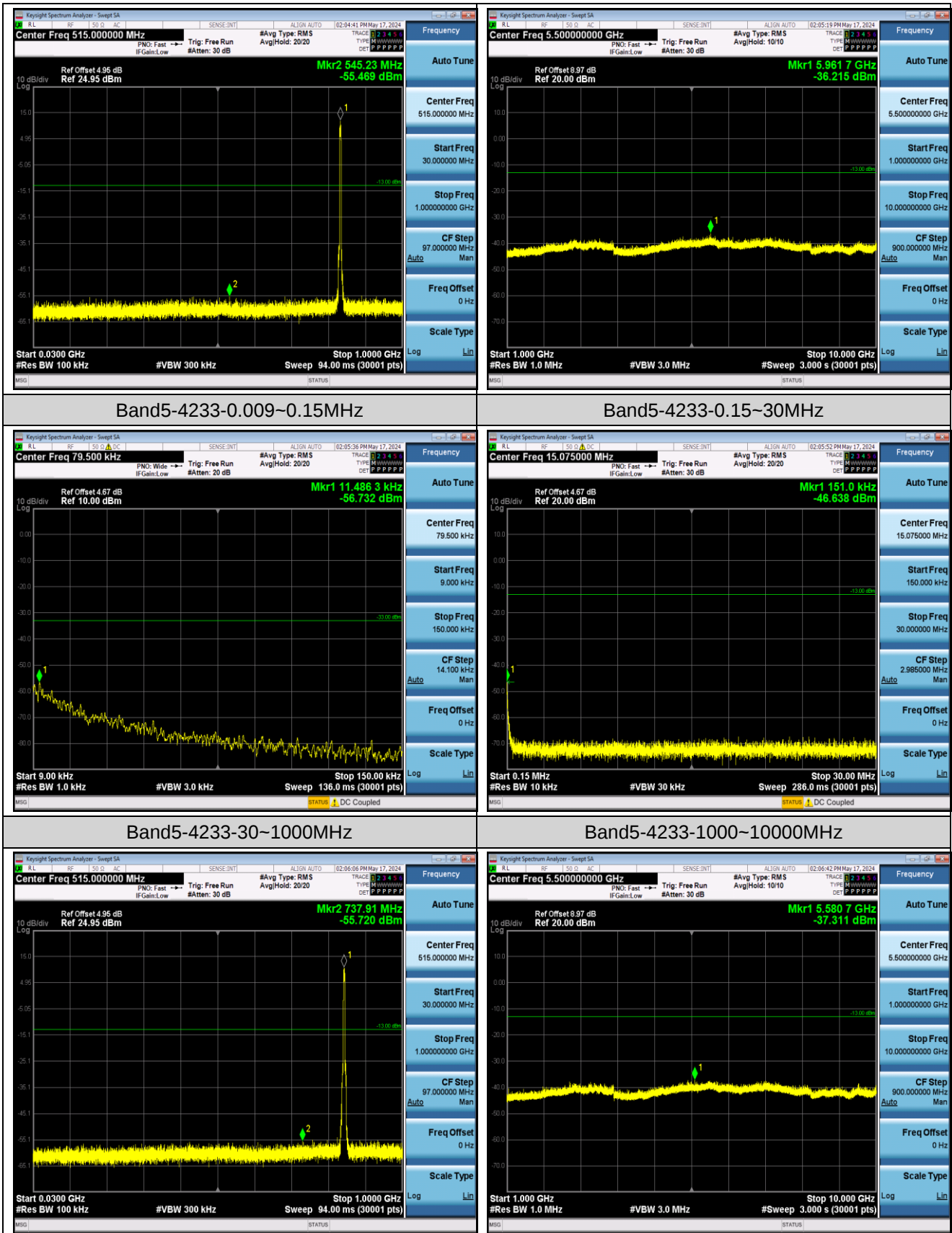












AppendixF:Frequency Stability

Test Result

Reference Frequency: WCDMA BAND V 12.2k RMC Middle channel=4183 Frequency=836.6MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	0.45	0.000538	±2.5	Pass
	-20	-1.67	-0.001996		
	-10	-0.89	-0.001064		
	0	-0.22	-0.000263		
	10	-0.84	-0.001004		
	20	0.41	0.000490		
	30	-0.22	-0.000263		
	40	-0.89	-0.001064		
	50	0.71	0.000849		
Voltage					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	-1.19	-0.001422	±2.5	Pass
	3.70	-0.31	-0.000371		
	4.20	2.20	0.002630		
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		
3.70	-30	0.09	0.000052	Within authorized band for BAND IV	Pass
	-20	2.52	0.001454		
	-10	8.00	0.004617		
	0	7.85	0.004531		
	10	6.35	0.003665		
	20	7.97	0.004600		
	30	5.69	0.003284		
	40	4.31	0.002488		
	50	-0.10	-0.000058		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	-0.59	-0.000341	Within authorized band for BAND IV	Pass
	3.70	1.14	0.000658		
	4.20	1.92	0.001108		
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		
3.70	-30	-2.93	-0.001559	Within authorized band for BAND II	Pass
	-20	-2.02	-0.001074		
	-10	0.19	0.000101		
	0	-0.22	-0.000117		
	10	1.78	0.000947		
	20	5.55	0.002952		
	30	-3.63	-0.001931		
	40	-0.20	-0.000106		
	50	-2.79	-0.001484		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	-0.47	-0.000250	Within authorized band for BAND II	Pass
	3.70	-2.98	-0.001585		
	4.20	-1.15	-0.000612		
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

