

AppendixA: Effective (Isotropic) Radiated Power Output Data

Test Result(WCDMA)

Band	Type	Channel	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band5	Voice	4132	22.12	15.22	38.45	PASS
Band5	TestMode	4132	23.16	16.26	38.45	PASS
Band5	Voice	4183	22.17	15.27	38.45	PASS
Band5	TestMode	4183	23.21	16.31	38.45	PASS
Band5	Voice	4233	22.02	15.12	38.45	PASS
Band5	TestMode	4233	23.15	16.25	38.45	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band5	4132	1	23.17	16.27	38.5	PASS
Band5	4132	2	22.62	15.72	38.5	PASS
Band5	4132	3	22.66	15.76	38.5	PASS
Band5	4132	4	22.61	15.71	38.5	PASS
Band5	4183	1	23.22	16.32	38.5	PASS
Band5	4183	2	22.66	15.76	38.5	PASS
Band5	4183	3	22.69	15.79	38.5	PASS
Band5	4183	4	22.65	15.75	38.5	PASS
Band5	4233	1	23.15	16.25	38.5	PASS
Band5	4233	2	22.59	15.69	38.5	PASS
Band5	4233	3	22.57	15.67	38.5	PASS
Band5	4233	4	22.57	15.67	38.5	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band5	4132	1	21.19	14.29	38.5	PASS
Band5	4132	2	21.66	14.76	38.5	PASS
Band5	4132	3	22.18	15.28	38.5	PASS
Band5	4132	4	21.17	14.27	38.5	PASS
Band5	4132	5	23.13	16.23	38.5	PASS
Band5	4183	1	21.22	14.32	38.5	PASS
Band5	4183	2	21.70	14.8	38.5	PASS
Band5	4183	3	22.24	15.34	38.5	PASS
Band5	4183	4	21.24	14.34	38.5	PASS
Band5	4183	5	23.22	16.32	38.5	PASS
Band5	4233	1	21.12	14.22	38.5	PASS
Band5	4233	2	21.61	14.71	38.5	PASS
Band5	4233	3	22.13	15.23	38.5	PASS
Band5	4233	4	21.16	14.26	38.5	PASS
Band5	4233	5	23.13	16.23	38.5	PASS

Remark: EIRP (dBm) = Conducted power (dBm) + Antenna Gain (dBi). (For Band2)

ERP (dBm) = EIRP (dBm) - 2.15 (dB). (For Band5)

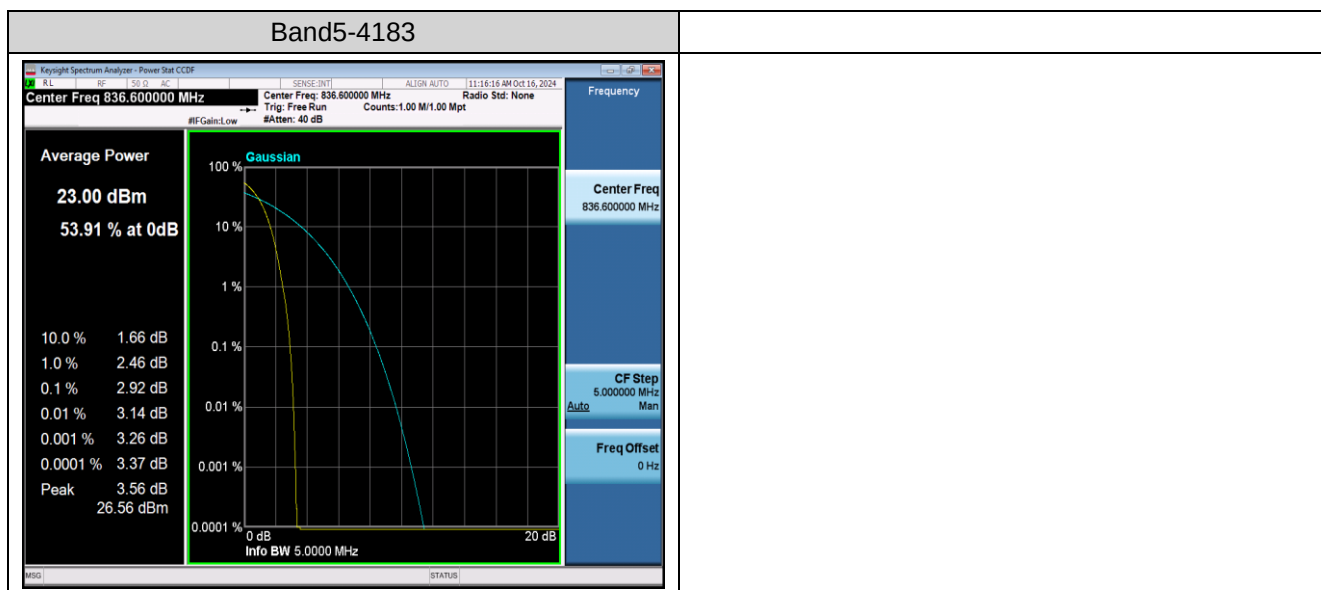
AppendixB:Peak-to-Average Ratio

Test Result(WCDMA)

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4183	2.92	13	PASS

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

Test Graphs(WCDMA)



AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result(WCDMA)

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band5	4132	4.1719	4.713	---	PASS
Band5	4183	4.1654	4.705	---	PASS
Band5	4233	4.1480	4.684	---	PASS

Test Graphs(WCDMA)

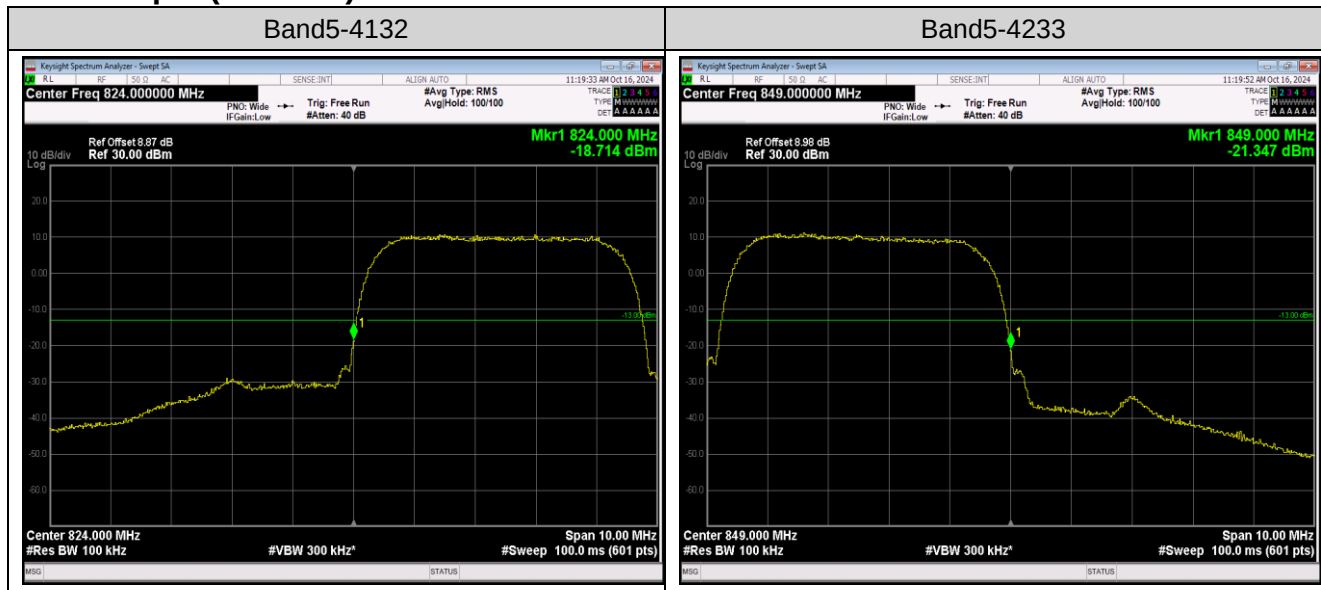


AppendixD:Band Edge

Test Result(WCDMA)

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	824.00	-18.71	-13	PASS
Band5	4233	849.00	-21.35	-13	PASS

Test Graphs(WCDMA)

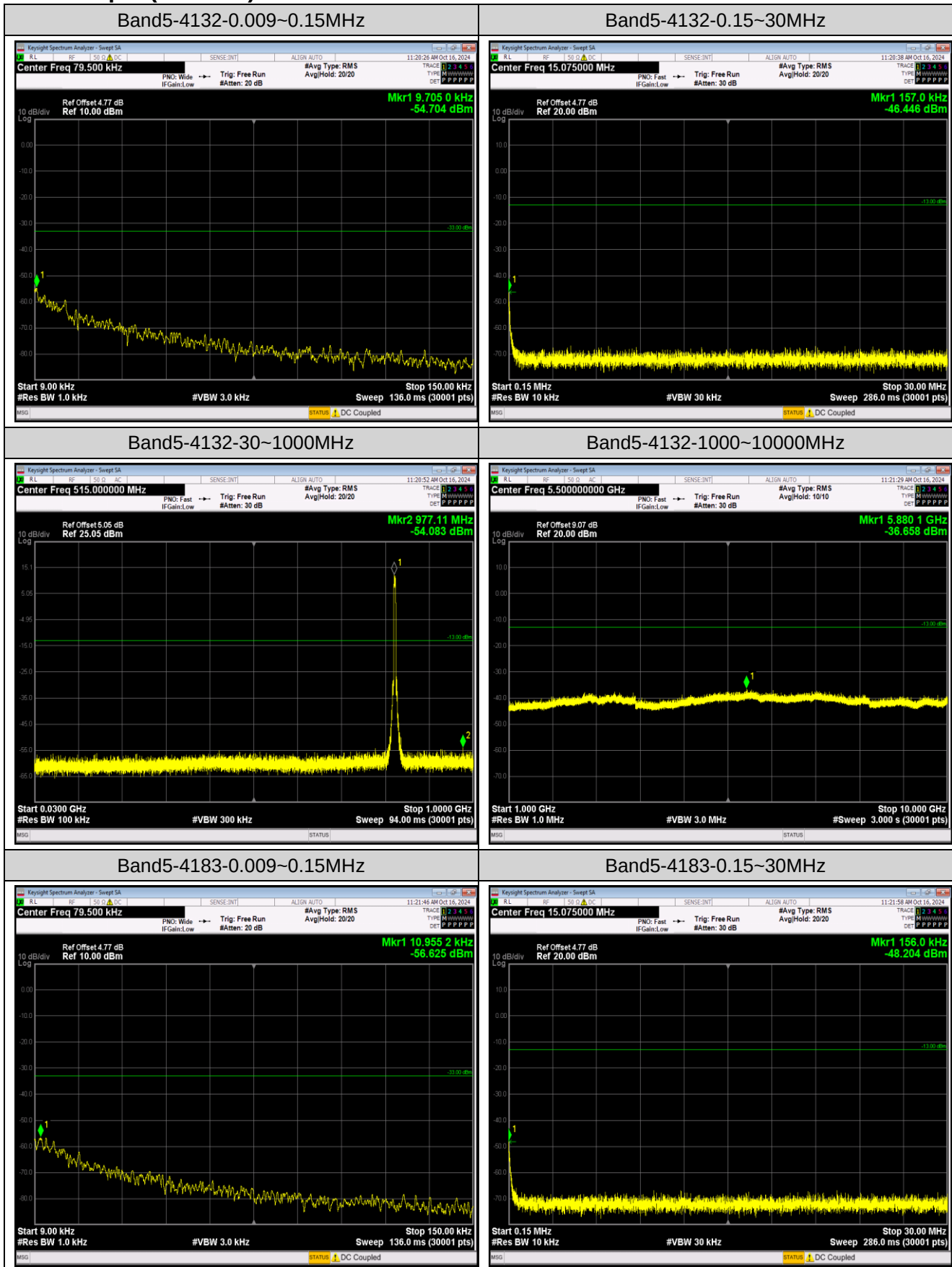


AppendixE:Conducted SpuriousEmission

Test Result(WCDMA)

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	0.009~0.15MHz	0.01	-54.7	-33	PASS
Band5	4132	0.15~30MHz	0.16	-46.45	-13	PASS
Band5	4132	30~1000MHz	977.11	-54.08	-13	PASS
Band5	4132	1000~10000MHz	5880.1	-36.66	-13	PASS
Band5	4183	0.009~0.15MHz	0.01	-56.63	-33	PASS
Band5	4183	0.15~30MHz	0.16	-48.2	-13	PASS
Band5	4183	30~1000MHz	966.15	-54.17	-13	PASS
Band5	4183	1000~10000MHz	5679.4	-36.98	-13	PASS
Band5	4233	0.009~0.15MHz	0.01	-57.39	-33	PASS
Band5	4233	0.15~30MHz	0.16	-47.57	-13	PASS
Band5	4233	30~1000MHz	463.2	-55.17	-13	PASS
Band5	4233	1000~10000MHz	6014.5	-36.75	-13	PASS

Test Graphs(WCDMA)

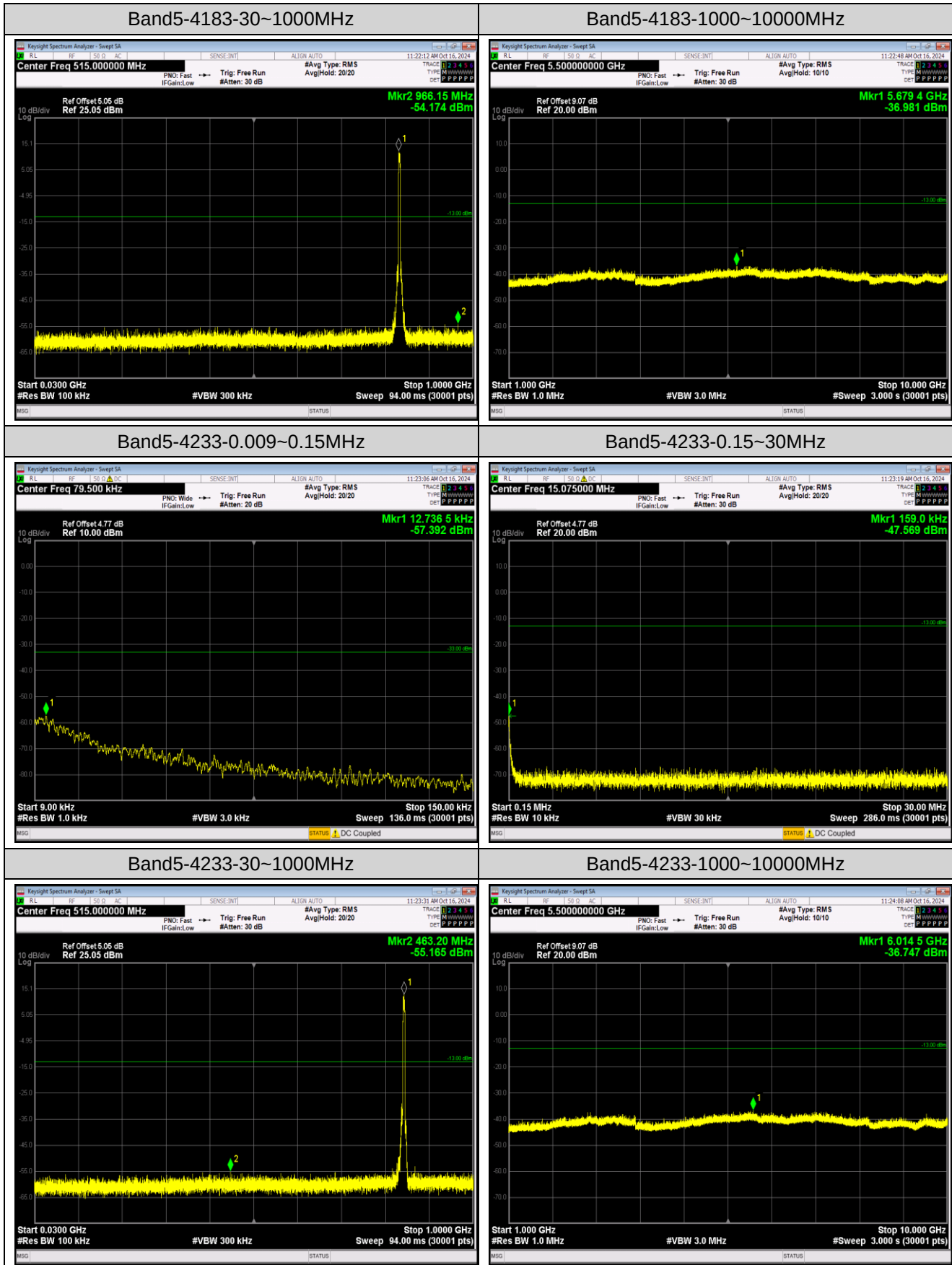


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AppendixF:Frequency Stability

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		
3.85	-30	-12.35	-0.014762	±2.5	Pass
	-20	-13.48	-0.016113		
	-10	-11.42	-0.013650		
	0	-11.43	-0.013662		
	10	-10.37	-0.012395		
	20	-12.62	-0.015085		
	30	-10.66	-0.012742		
	40	-10.36	-0.012383		
	50	-13.48	-0.016113		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.60	-12.16	-0.014535	±2.5	Pass
	3.85	-11.79	-0.014093		
	4.40	-11.54	-0.013794		
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
Band5	4183	PASS	PASS

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

Test Graphs

