

AppendixA: Effective (Isotropic) Radiated Power Output Data

Test Result(WCDMA)

Band	Type	Channel	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band2	TestMode	9662	21.28	22.48	62.15	PASS
Band2	TestMode	9800	20.99	22.19	62.15	PASS
Band2	TestMode	9938	20.90	22.10	62.15	PASS
Band4	TestMode	1537	21.29	22.49	62.15	PASS
Band4	TestMode	1638	21.03	22.23	62.15	PASS
Band4	TestMode	1738	20.79	21.99	62.15	PASS
Band5	TestMode	4357	20.52	21.51	56.99	PASS
Band5	TestMode	4408	20.68	21.67	56.99	PASS
Band5	TestMode	4458	20.49	21.48	56.99	PASS

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

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

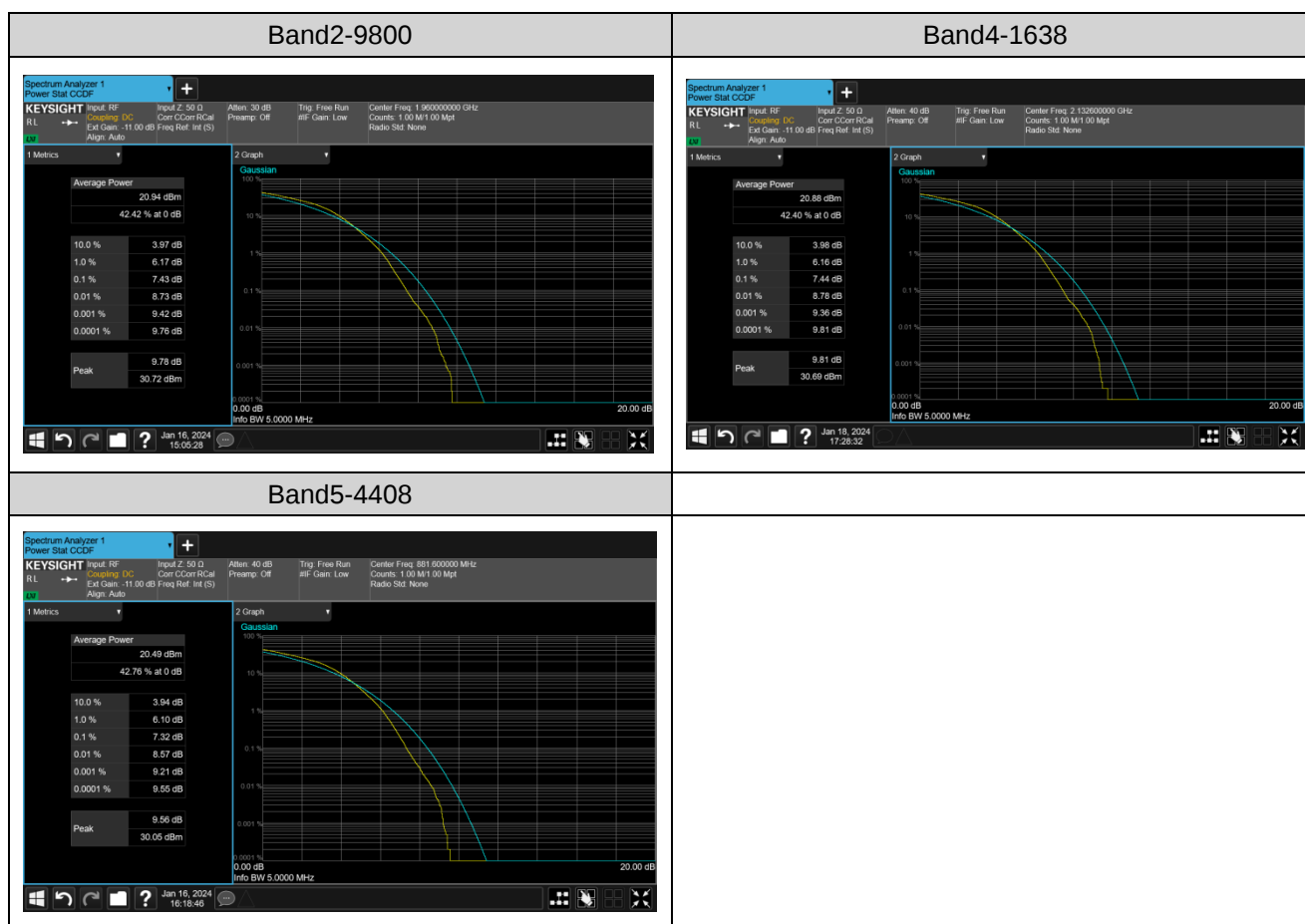
AppendixB:Peak-to-Average Ratio

Test Result(WCDMA)

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9800	7.43	13	PASS
Band4	1638	7.44	13	PASS
Band5	4408	7.32	13	PASS

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

Test Graphs(WCDMA)

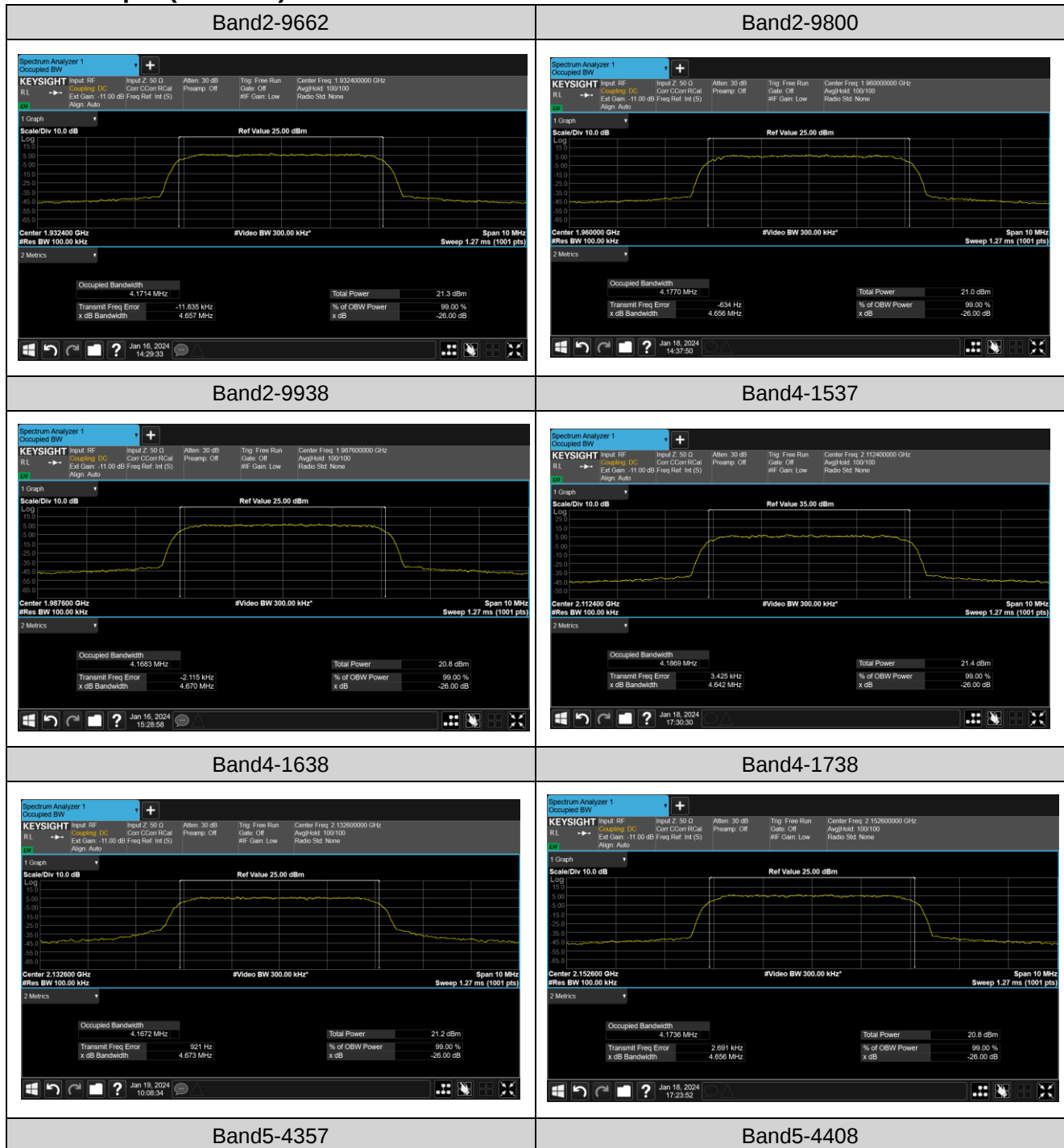


AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result(WCDMA)

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band2	9662	4.1714	4.657	---	PASS
Band2	9800	4.1770	4.656	---	PASS
Band2	9938	4.1683	4.670	---	PASS
Band4	1537	4.1869	4.642	---	PASS
Band4	1638	4.1672	4.673	---	PASS
Band4	1738	4.1736	4.656	---	PASS
Band5	4357	4.1502	4.659	---	PASS
Band5	4408	4.1490	4.653	---	PASS
Band5	4458	4.1725	4.659	---	PASS

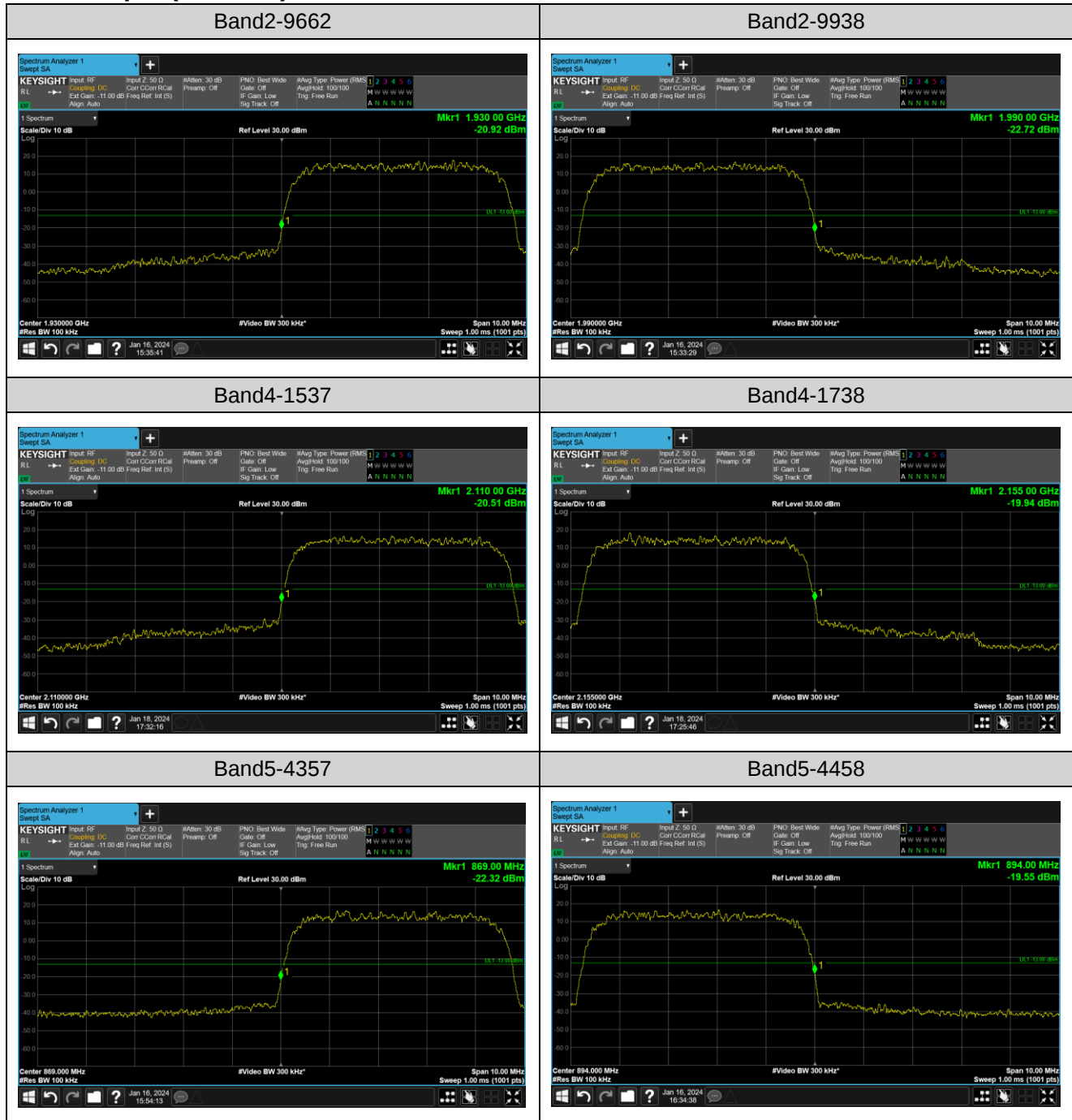
Test Graphs(WCDMA)





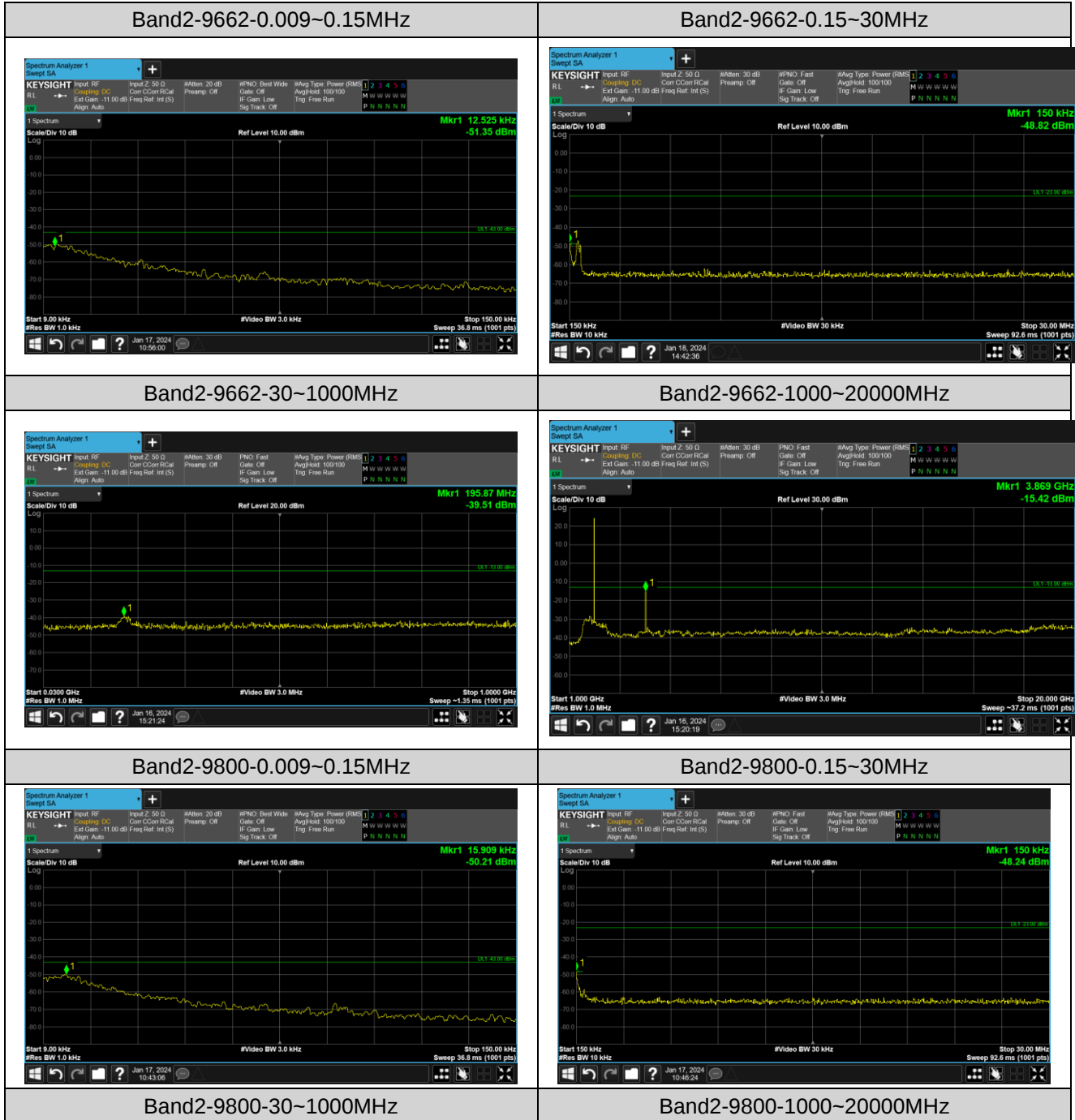
AppendixD:Band Edge

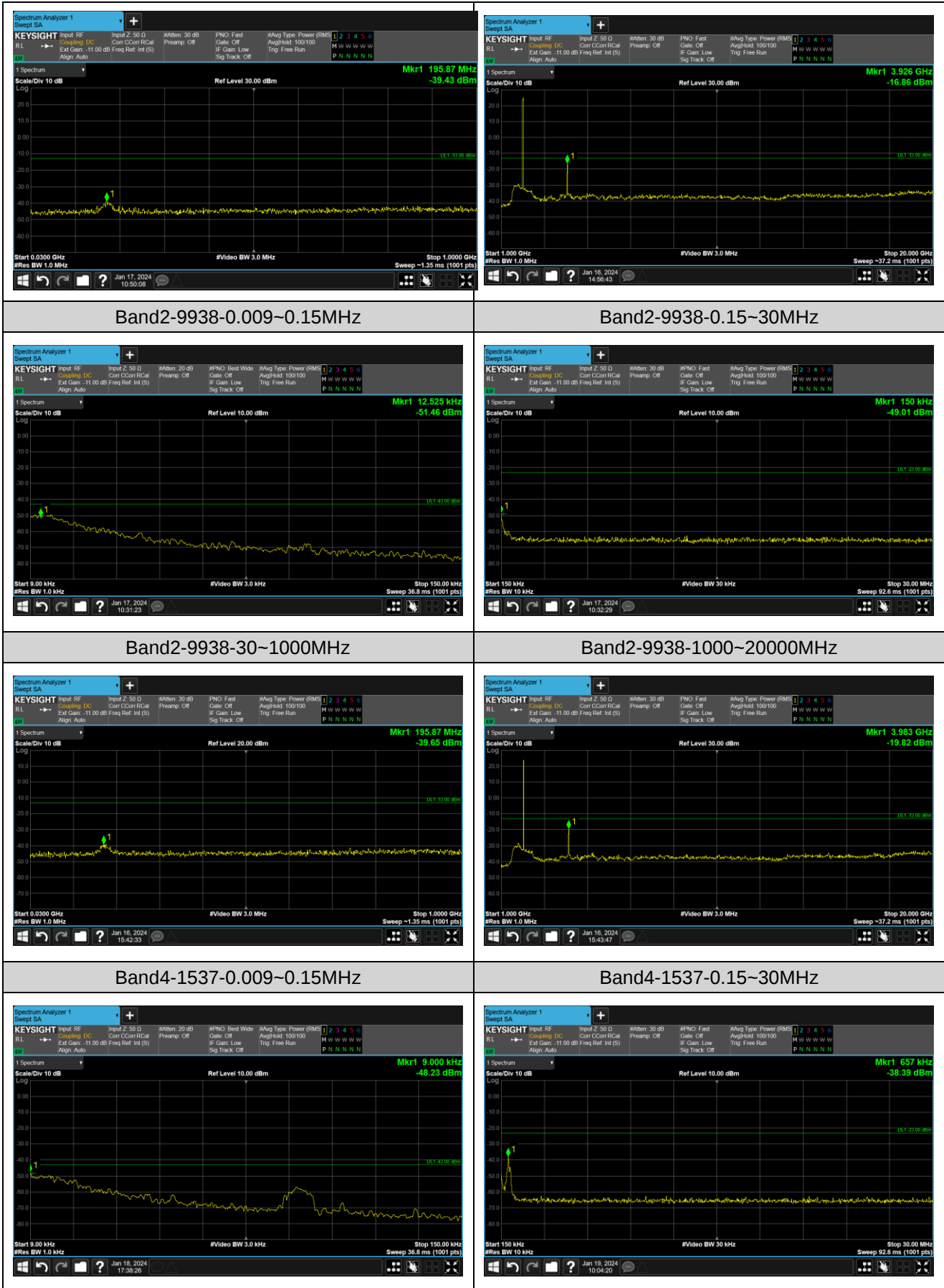
Test Graphs(WCDMA)



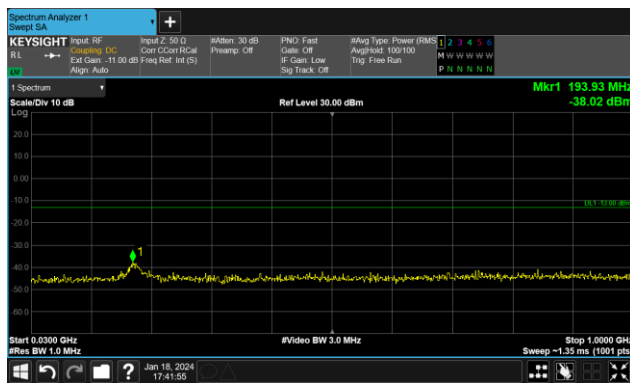
AppendixE:Conducted SpuriousEmission

Test Graphs(WCDMA)





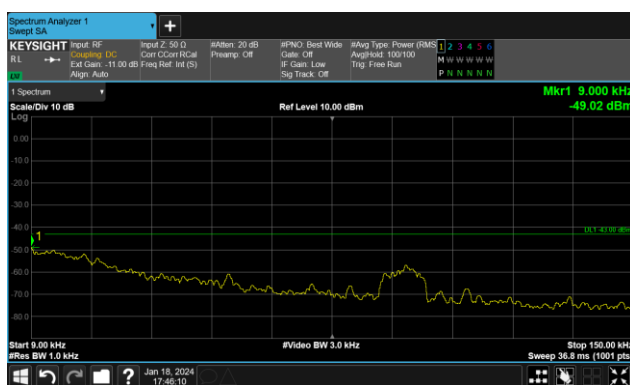
Band4-1537-30~1000MHz



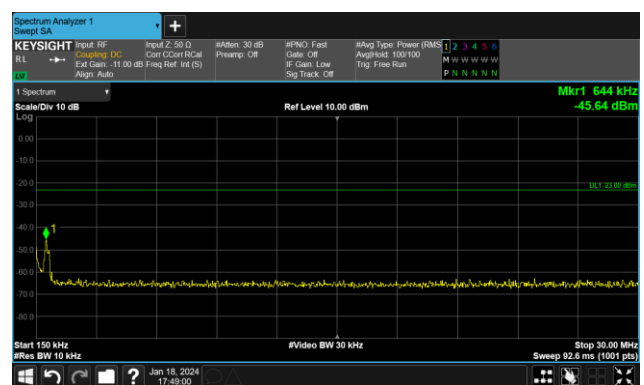
Band4-1537-1000~20000MHz



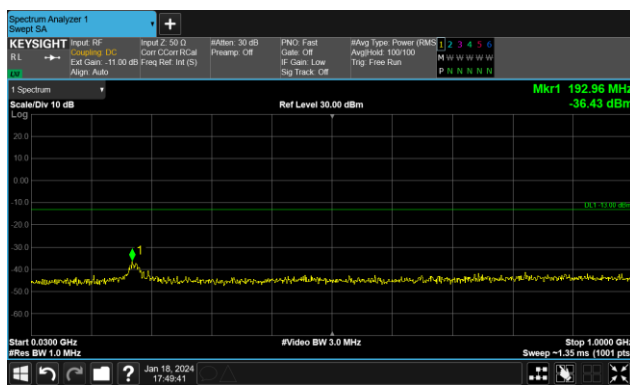
Band4-1638-0.009~0.15MHz



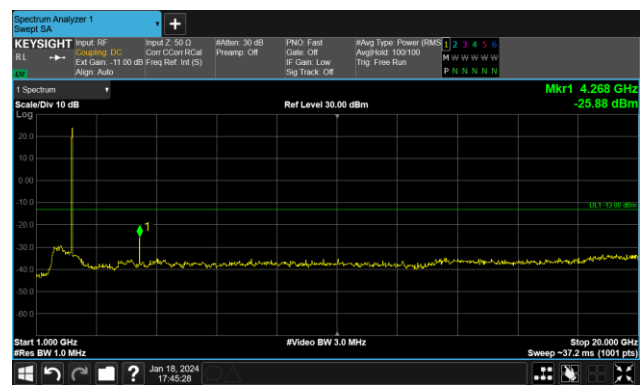
Band4-1638-0.15~30MHz



Band4-1638-30~1000MHz



Band4-1638-1000~20000MHz

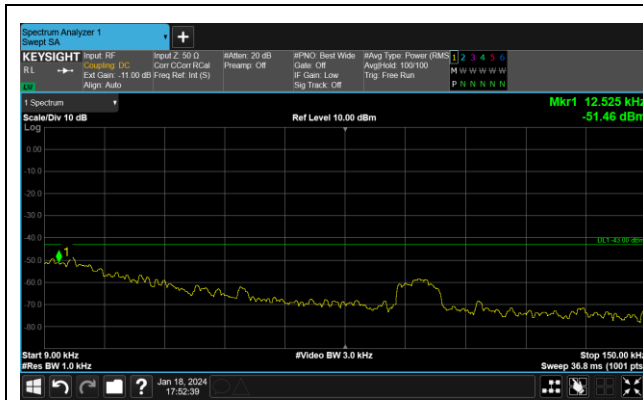


Band4-1738-0.009~0.15MHz

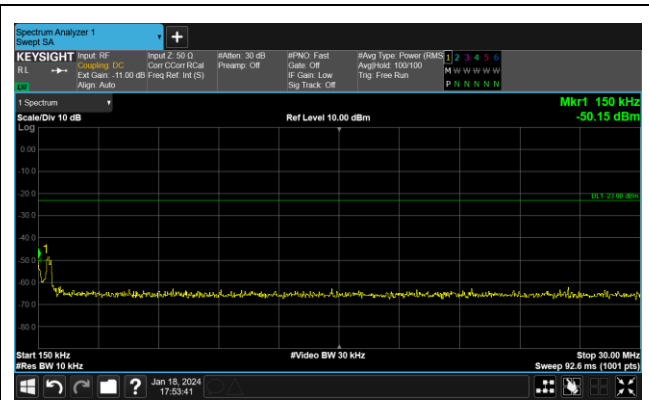


Band4-1738-0.15~30MHz

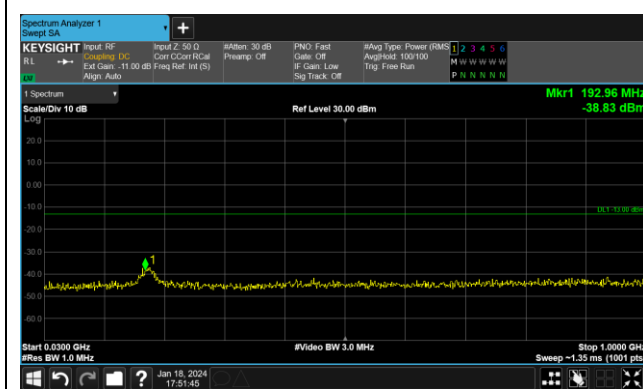




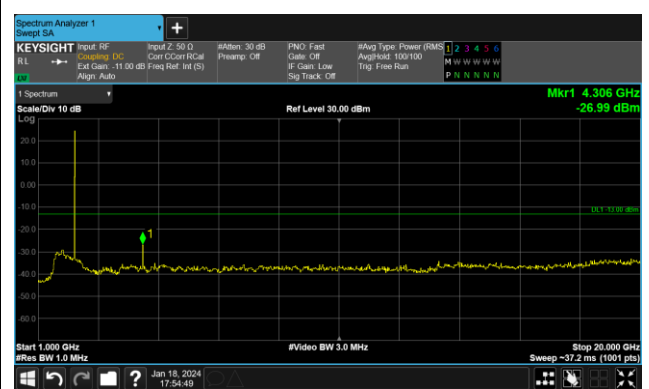
Band4-1738-30~1000MHz



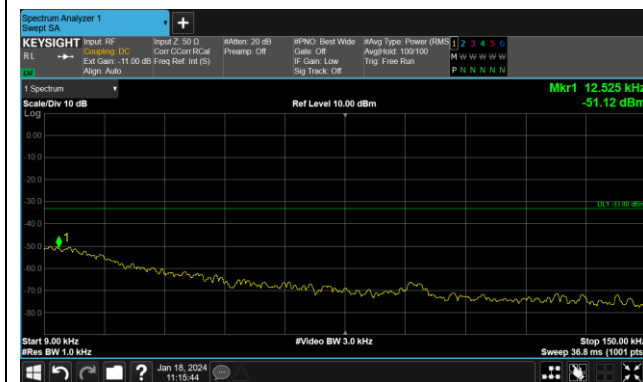
Band4-1738-1000~20000MHz



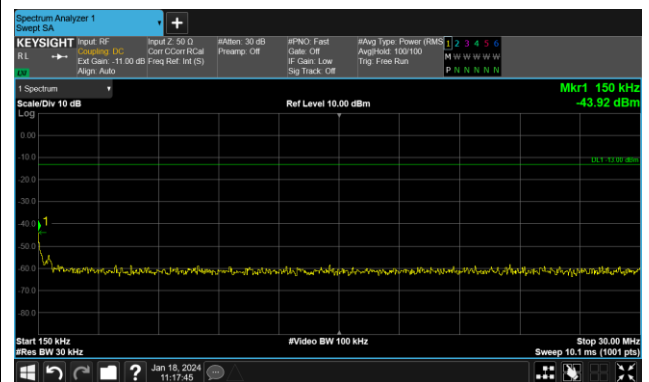
Band5-4357-0.009~0.15MHz



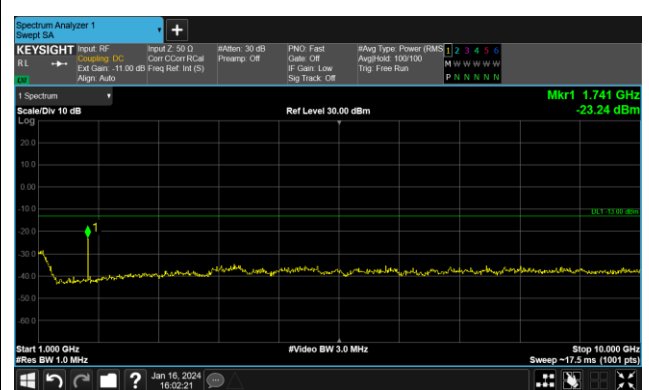
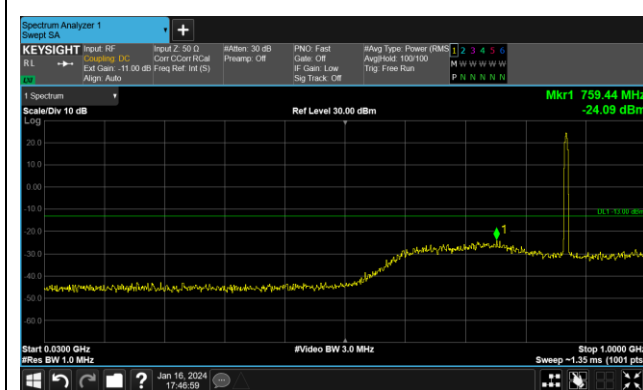
Band5-4357-0.15~30MHz



Band5-4357-30~1000MHz



Band5-4357-1000~10000MHz



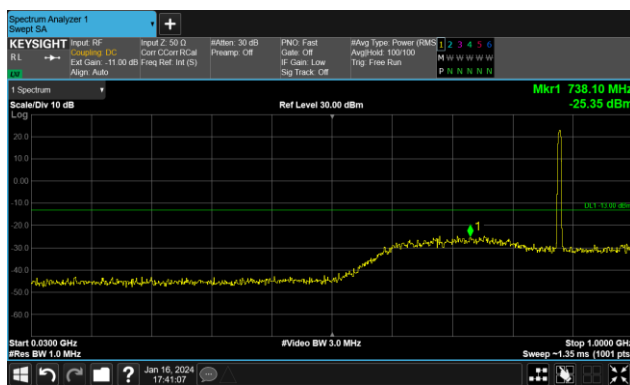
Band5-4408-0.009~0.15MHz



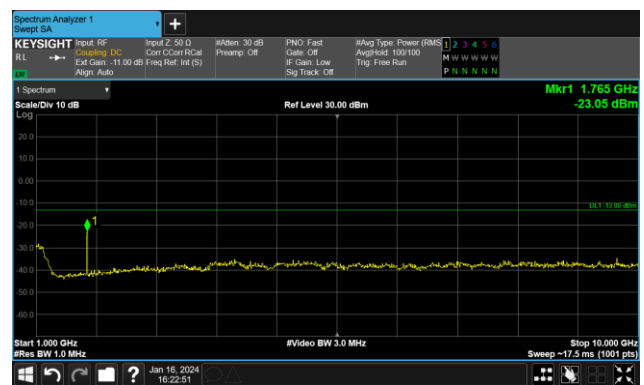
Band5-4408-0.15~30MHz



Band5-4408-30~1000MHz



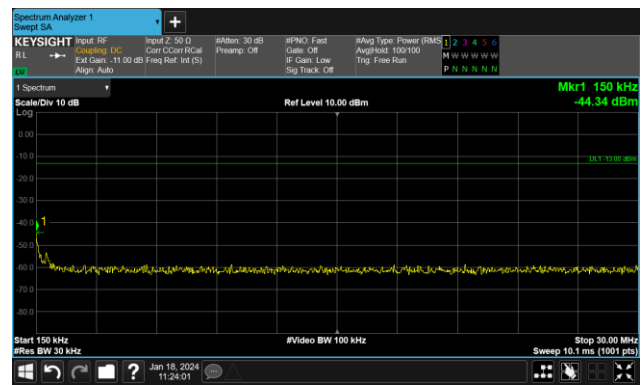
Band5-4408-1000~10000MHz



Band5-4458-0.009~0.15MHz



Band5-4458-0.15~30MHz

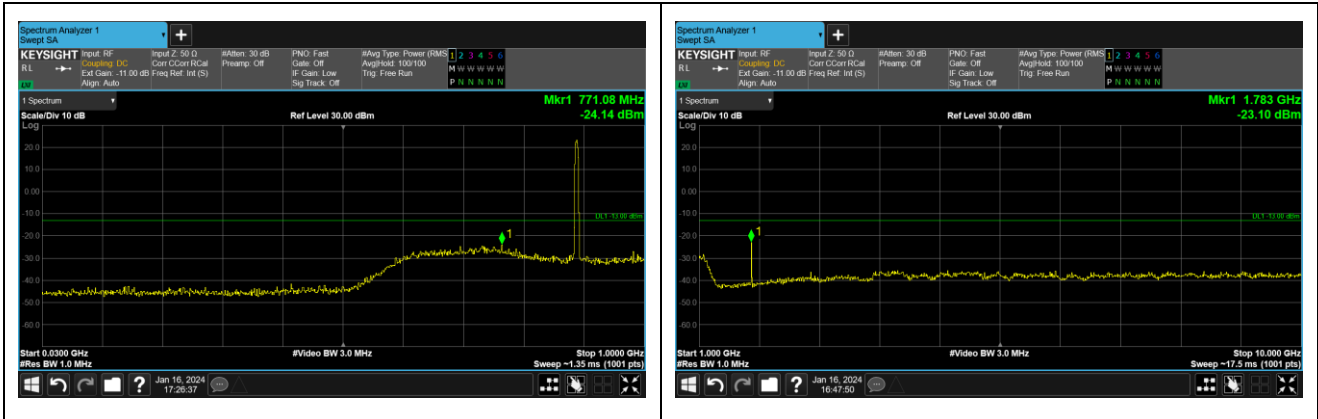


Band5-4458-30~1000MHz



Band5-4458-1000~10000MHz





AppendixF:Frequency Stability

Test Result

Reference Frequency: WCDMA BAND V 12.2k RMC Middle channel=4408 Frequency=881.6MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	-11.09	-0.012579	±2.5	Pass
	-20	-12.84	-0.014564		
	-10	-10.36	-0.011751		
	0	-12.69	-0.014394		
	10	-8.26	-0.009369		
	20	-8.47	-0.009608		
	30	-7.9	-0.008961		
	40	-7.35	-0.008337		
	50	-9.61	-0.010901		
Voltage					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	-12.36	-0.014326	±2.5	Pass
	3.85	-12.42	-0.014235		
	4.40	-13.25	-0.015290		
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=1638 channel=2132.6MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	-13.94	-0.0065366	Within authorized band for BAND IV	Pass
	-20	-15.76	-0.0073900		
	-10	-13.73	-0.0064382		
	0	-11.06	-0.0051862		
	10	-15.96	-0.0074838		
	20	-13.45	-0.0063069		
	30	-13.65	-0.0064006		
	40	-12.39	-0.0058098		
	50	-11.03	-0.0051721		
Voltage					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	-13.25	-0.006213	Within authorized band for BAND IV	Pass
	3.85	-16.89	-0.007920		
	4.40	-15.55	-0.007292		
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=9800 channel=1960MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	-9.77	-0.0049847	Within authorized band for BAND II	Pass
	-20	-12.06	-0.0061531		
	-10	-14.23	-0.0072602		
	0	-16.09	-0.0082092		
	10	-11.03	-0.0056276		
	20	-12.89	-0.0065765		
	30	-10.17	-0.0051888		
	40	-14.71	-0.0075051		
	50	-11.93	-0.0060867		
Voltage					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	-12.79	-0.006526	Within authorized band for BAND II	Pass
	3.85	-16.56	-0.008449		
	4.40	-15.72	-0.008020		
Remark: All channel had been tested, but only the worst case data displayed in this report.					