

## Appendix A: 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	21.33	22.53	62.15	PASS
Band2	TestMode	9800	20.96	22.16	62.15	PASS
Band2	TestMode	9938	21.17	22.37	62.15	PASS
Band4	TestMode	1537	21.61	22.81	62.15	PASS
Band4	TestMode	1638	21.30	22.50	62.15	PASS
Band4	TestMode	1738	21.00	22.20	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)

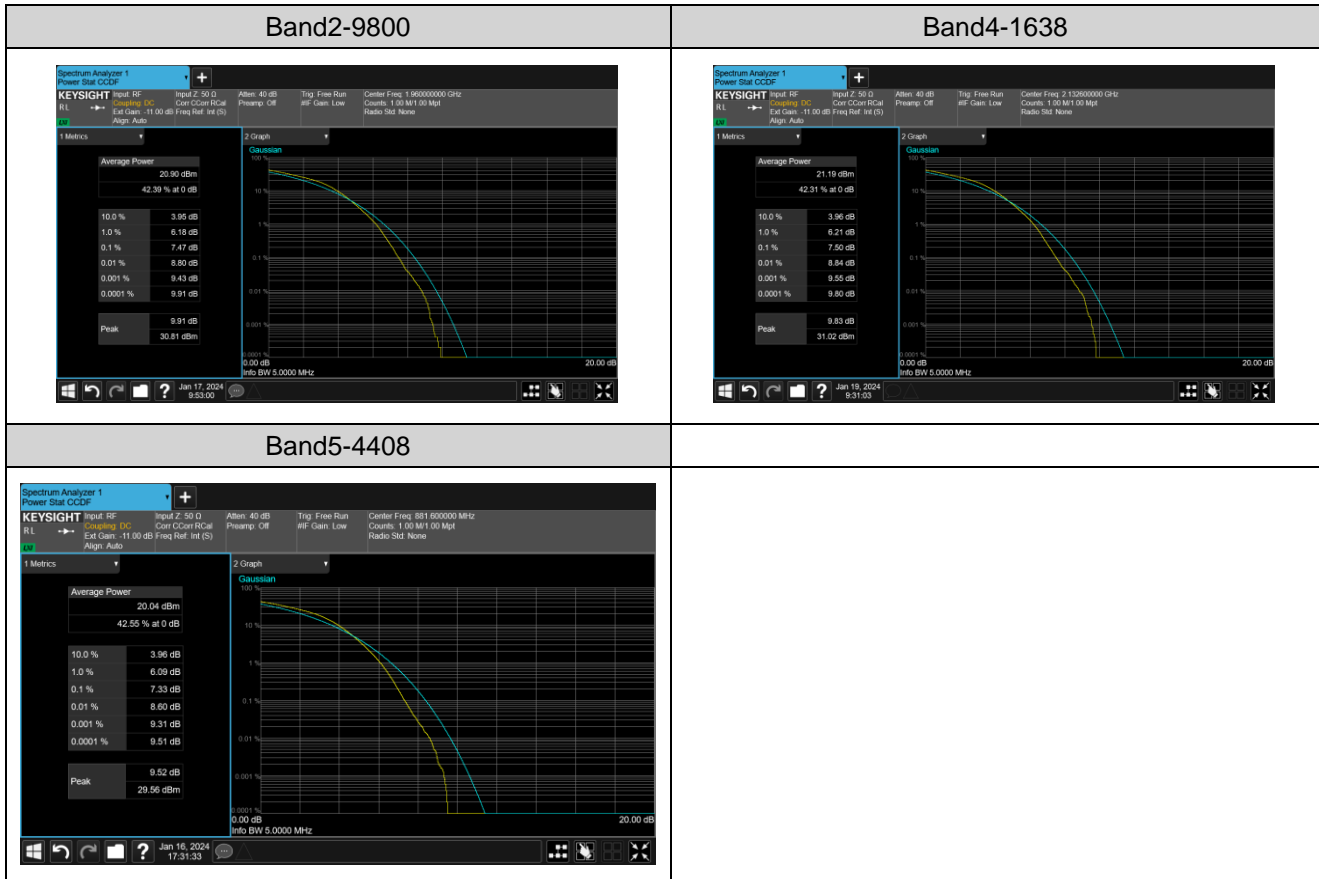
## AppendixB:Peak-to-Average Ratio

### Test Result(WCDMA)

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9800	7.47	13	PASS
Band4	1638	7.50	13	PASS
Band5	4408	7.33	13	PASS

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

### Test Graphs(WCDMA)

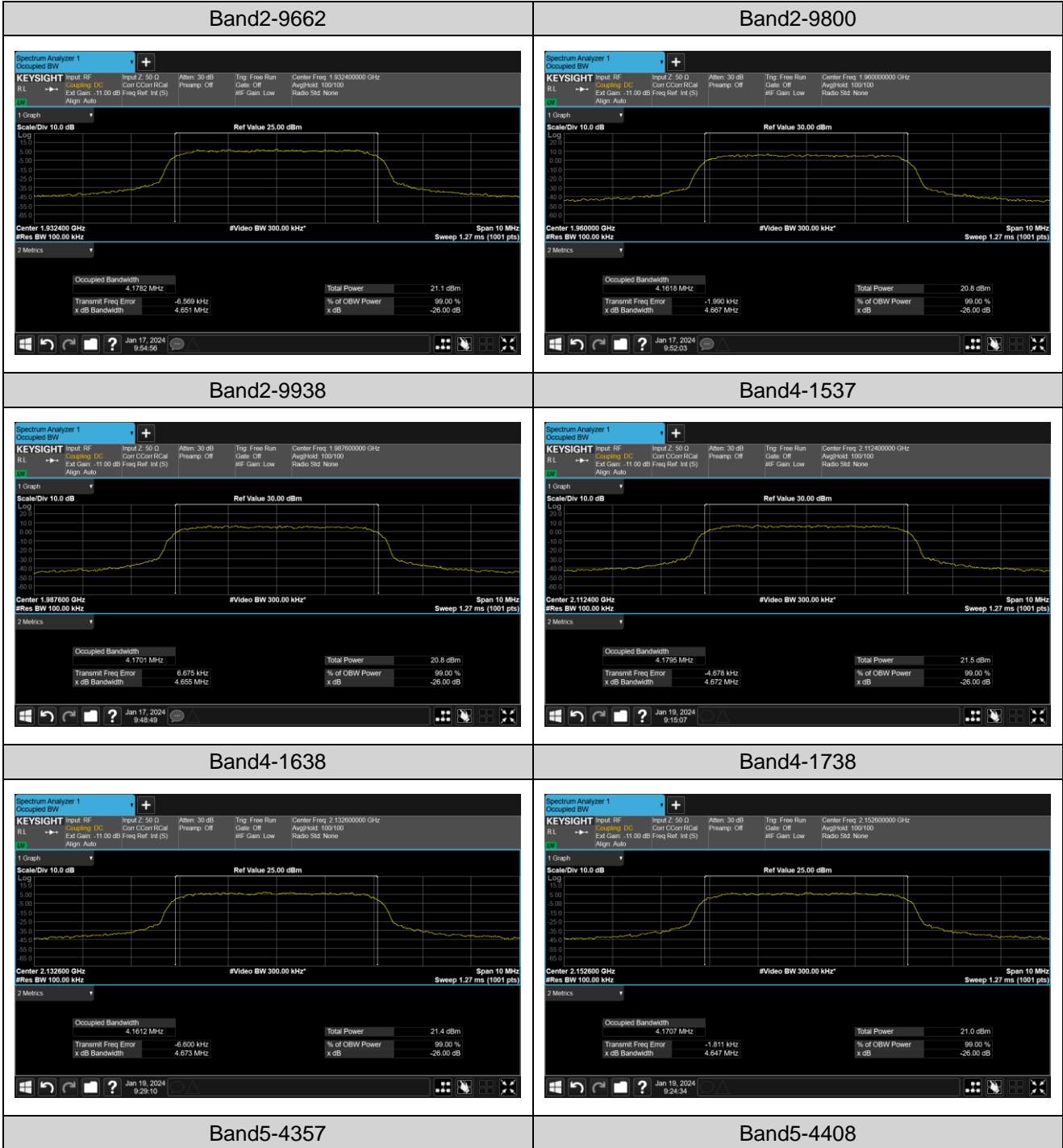


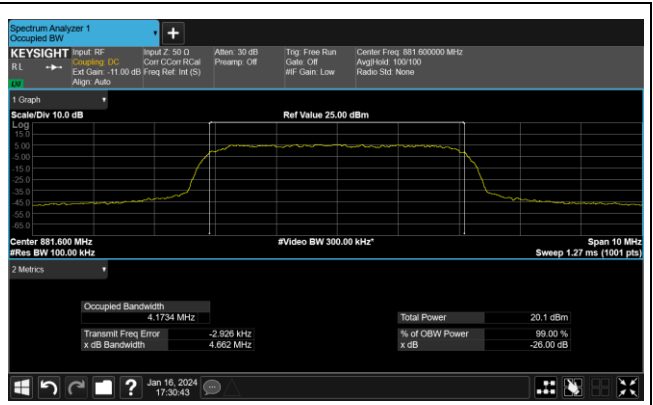
## AppendixC:26dB Bandwidth andOccupied Bandwidth

### Test Result(WCDMA)

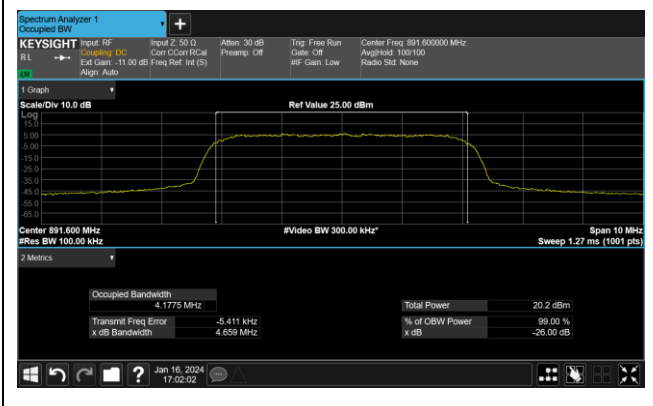
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band2	9662	4.1782	4.651	---	PASS
Band2	9800	4.1618	4.667	---	PASS
Band2	9938	4.1701	4.655	---	PASS
Band4	1537	4.1795	4.672	---	PASS
Band4	1638	4.1612	4.673	---	PASS
Band4	1738	4.1707	4.647	---	PASS
Band5	4357	4.1797	4.671	---	PASS
Band5	4408	4.1734	4.662	---	PASS
Band5	4458	4.1775	4.659	---	PASS

### Test Graphs(WCDMA)



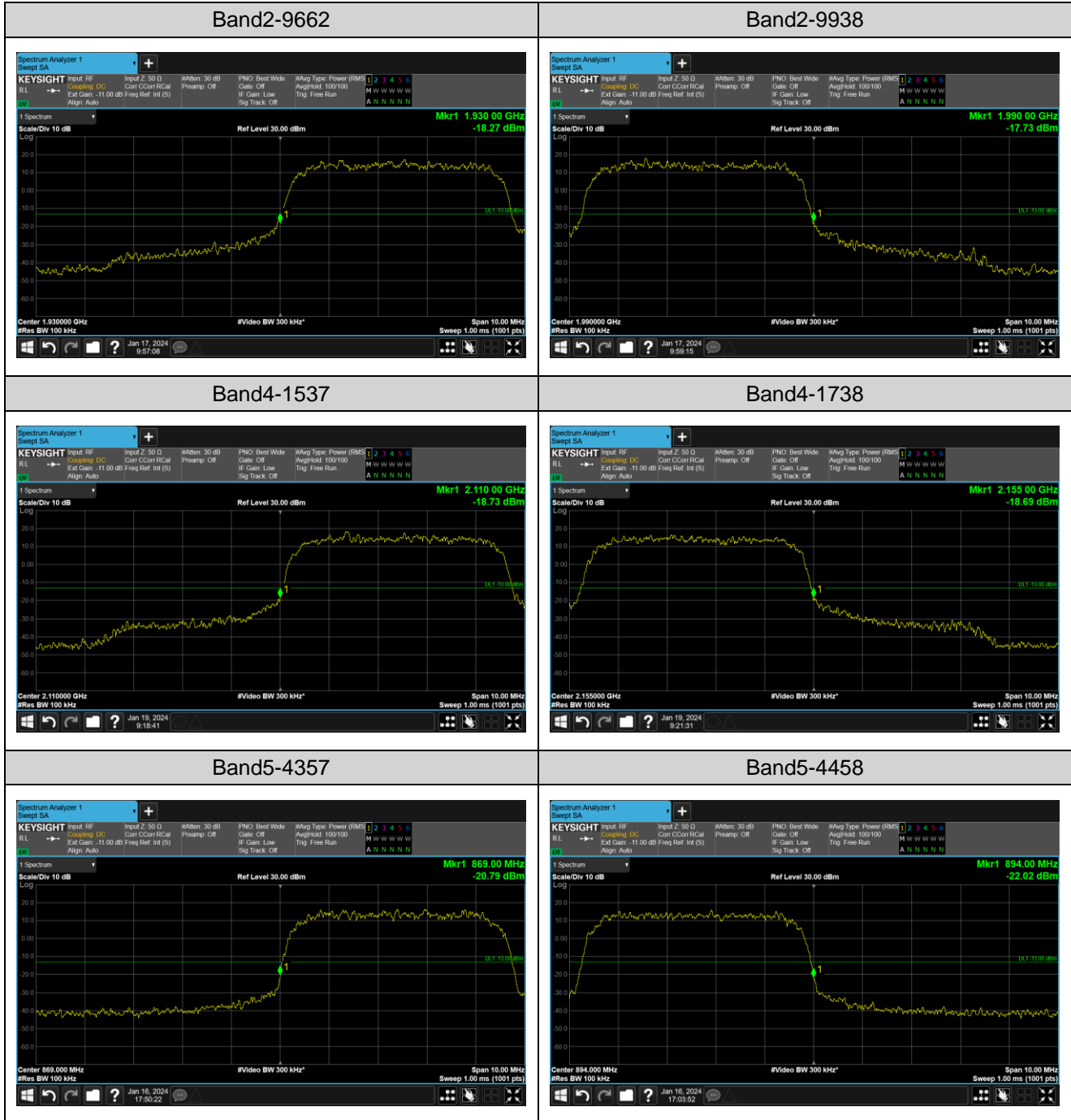


Band5-4458



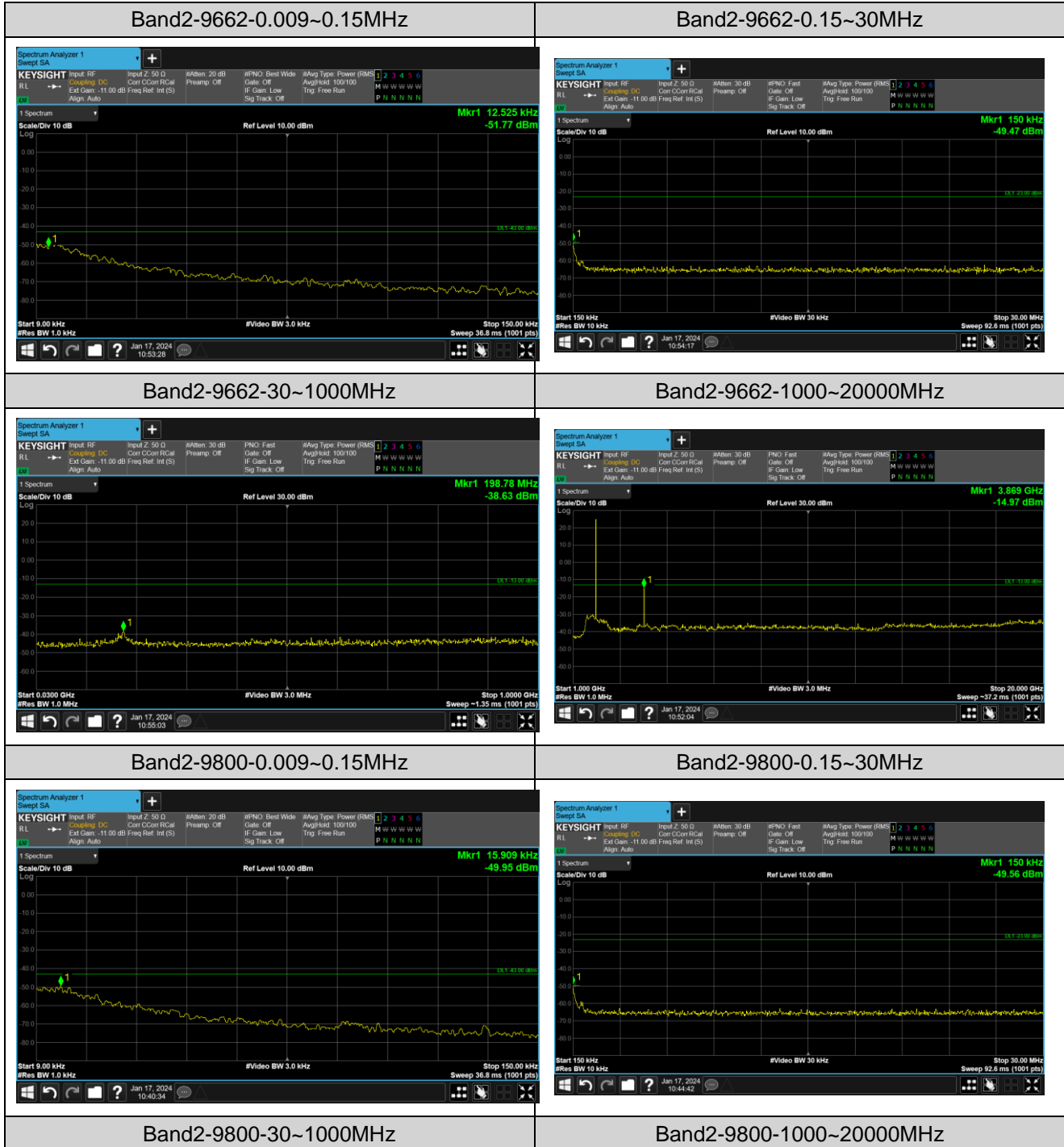
## AppendixD:Band Edge

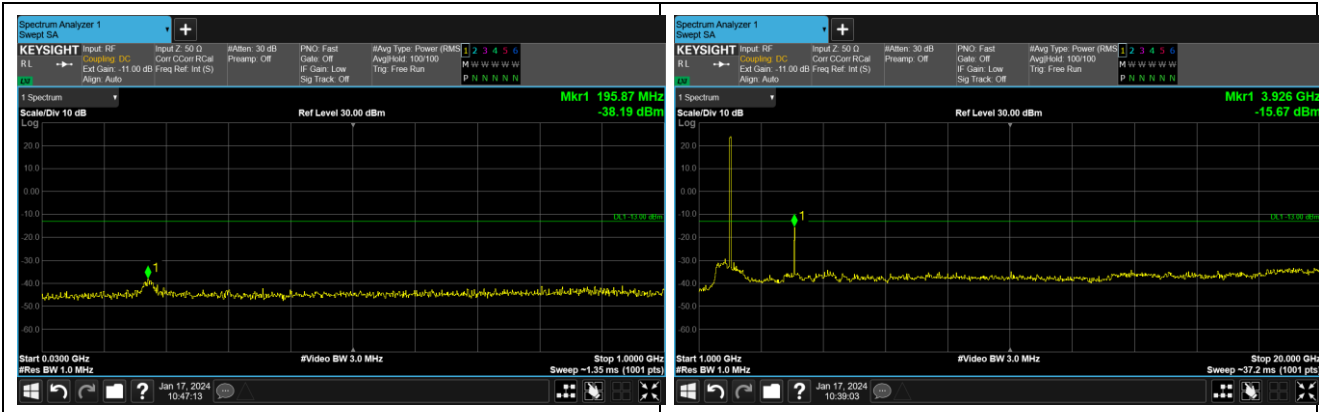
### Test Graphs(WCDMA)



# Appendix E: Conducted Spurious Emission

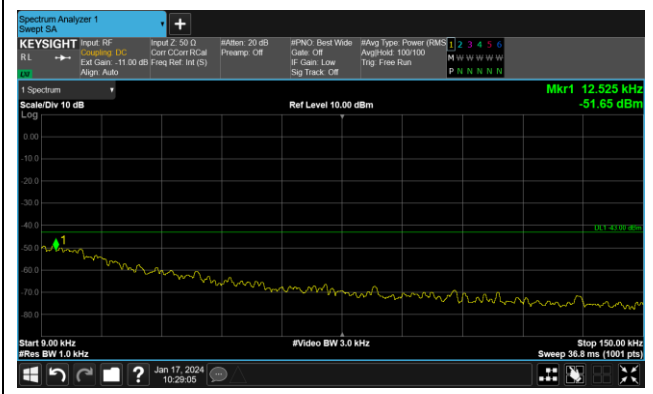
## Test Graphs (WCDMA)



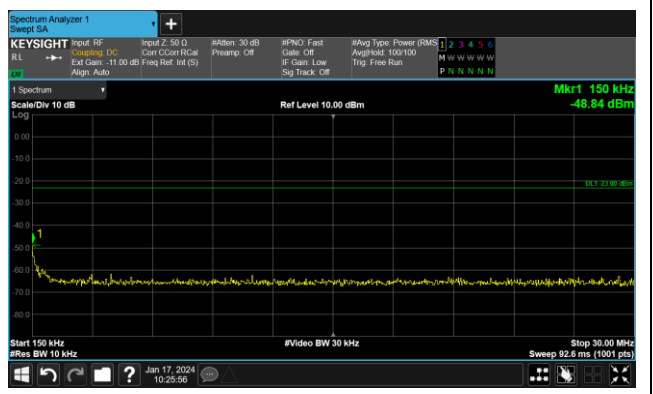


Band2-9938-0.009~0.15MHz

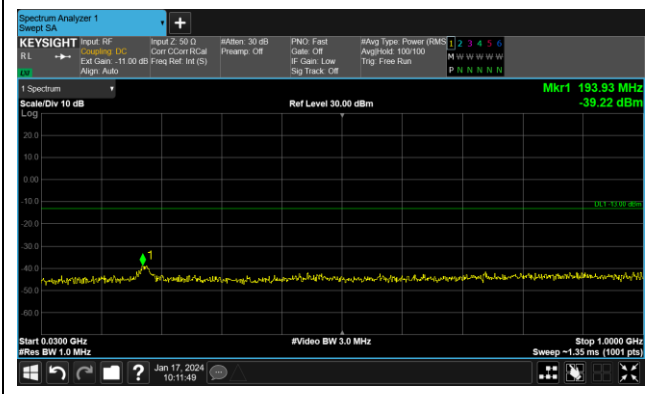
Band2-9938-0.15~30MHz



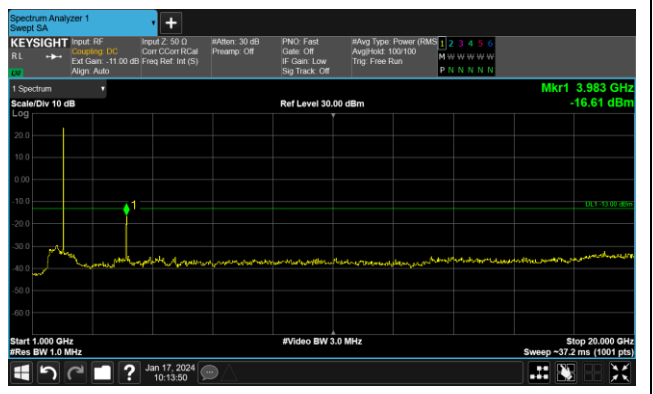
Band2-9938-30~1000MHz



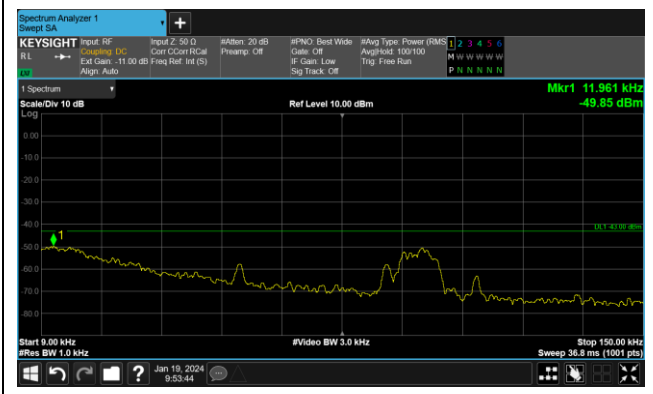
Band2-9938-1000~20000MHz



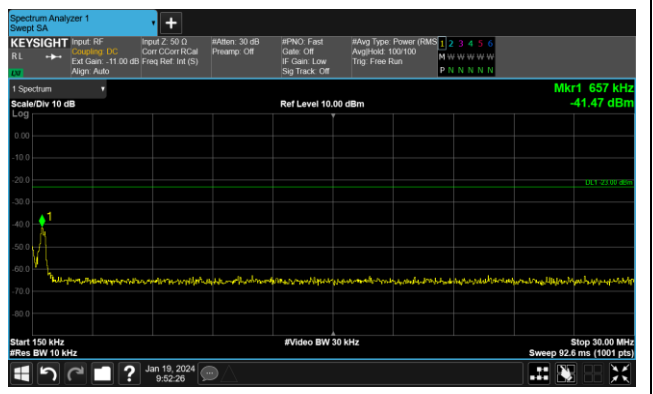
Band4-1537-0.009~0.15MHz



Band4-1537-0.15~30MHz

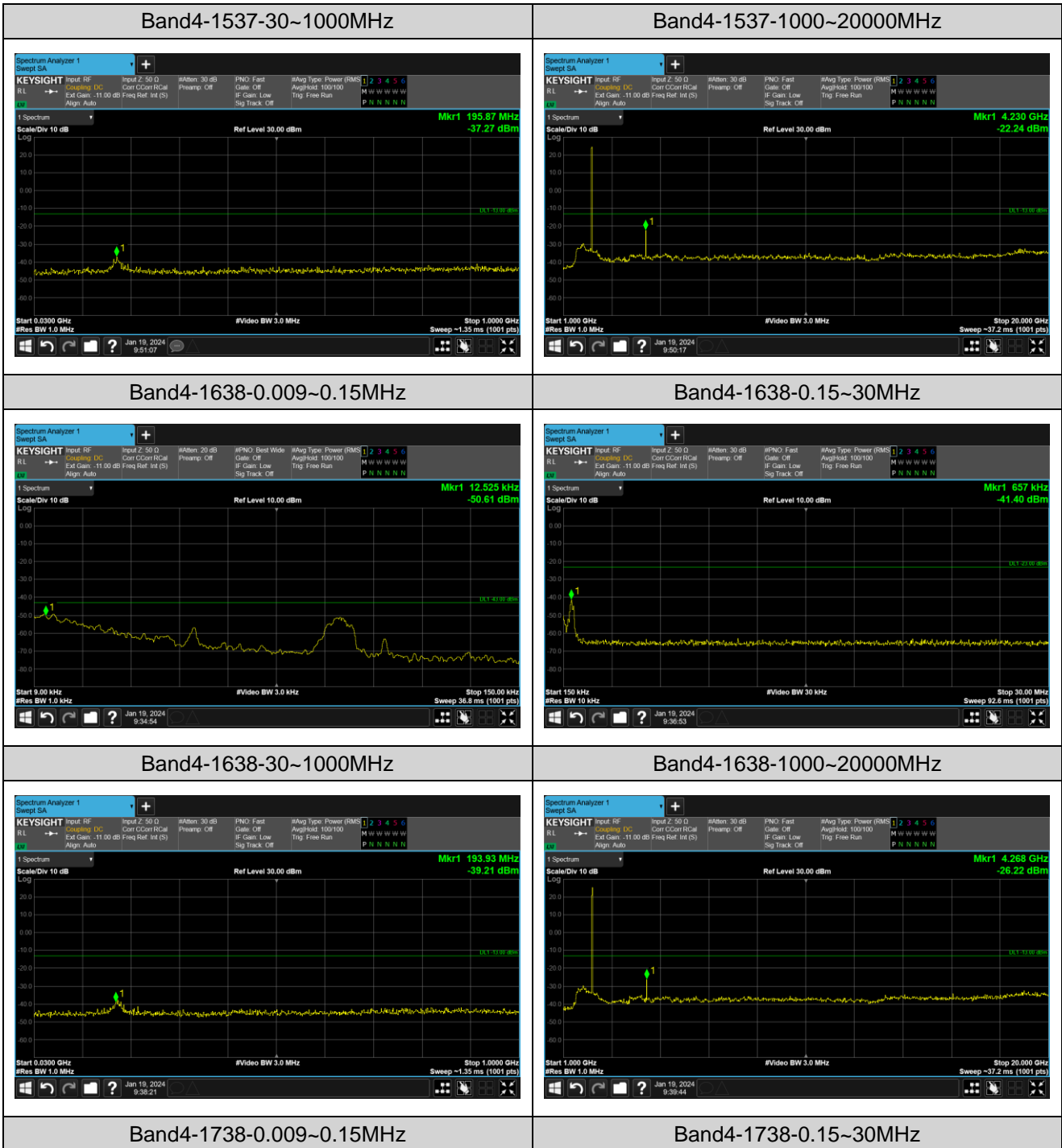


Band4-1537-30~1000MHz



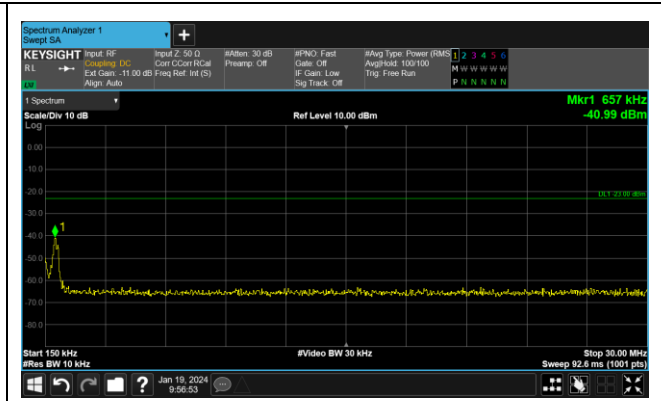
Band4-1537-1000~20000MHz



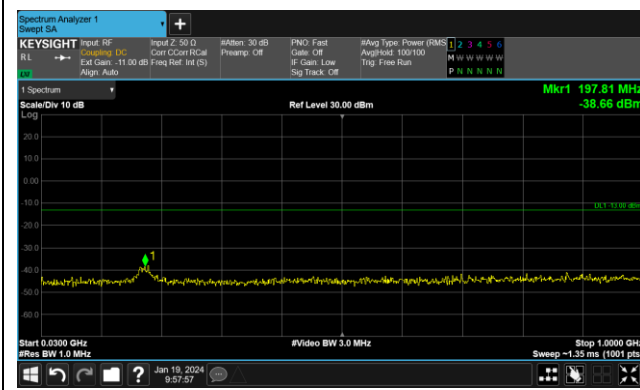




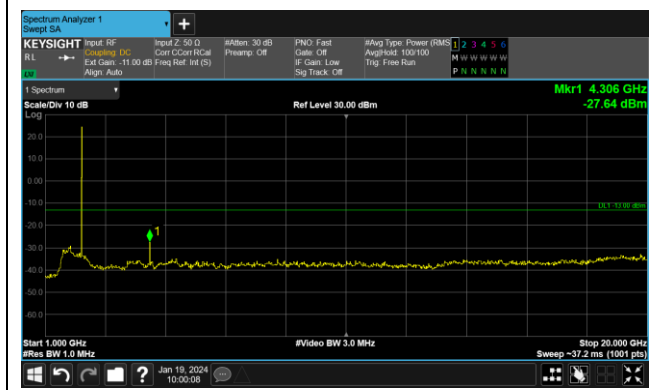
Band4-1738-30~1000MHz



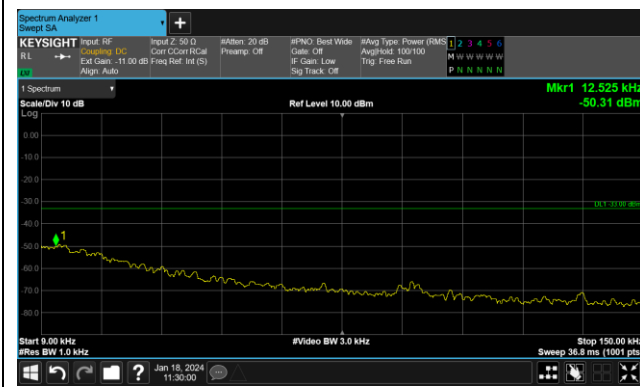
Band4-1738-1000~20000MHz



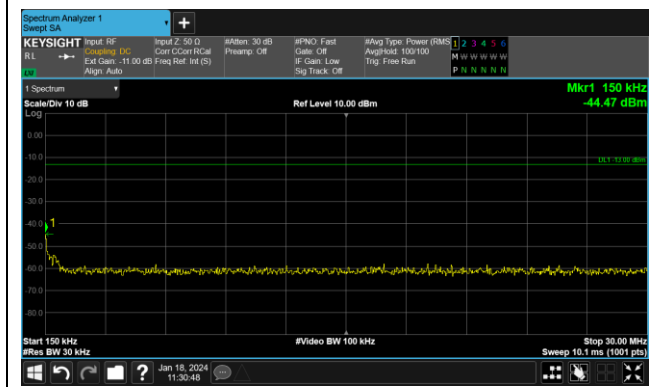
Band5-4357-0.009~0.15MHz



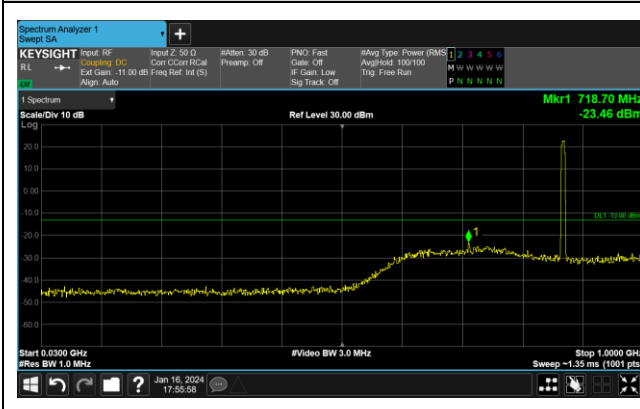
Band5-4357-0.15~30MHz



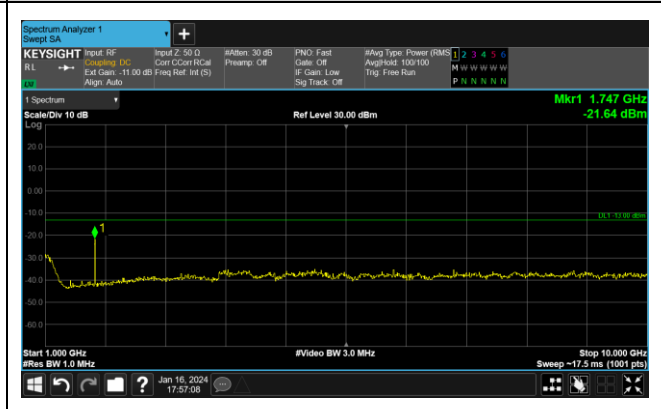
Band5-4357-30~1000MHz



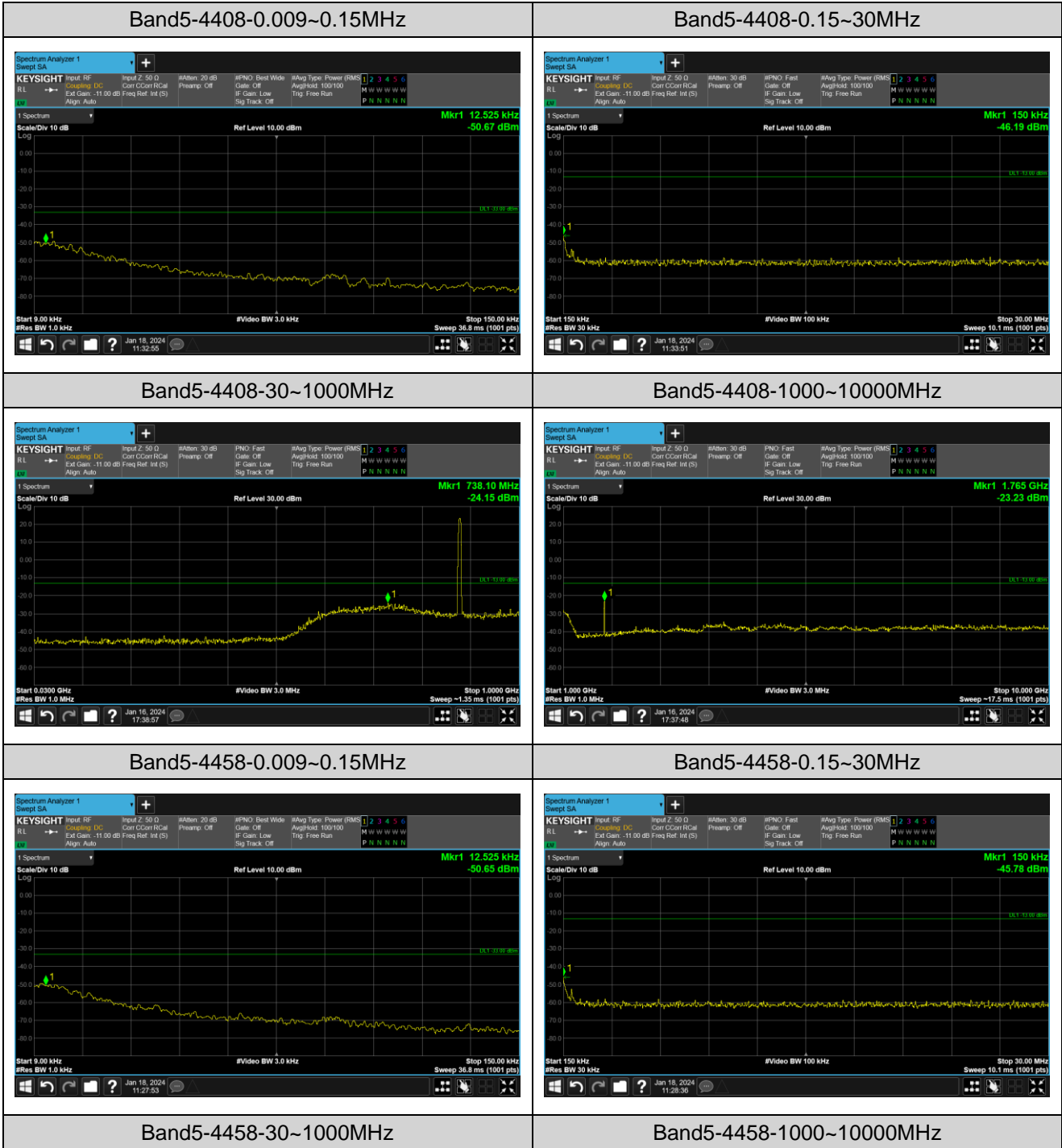
Band5-4357-1000~10000MHz

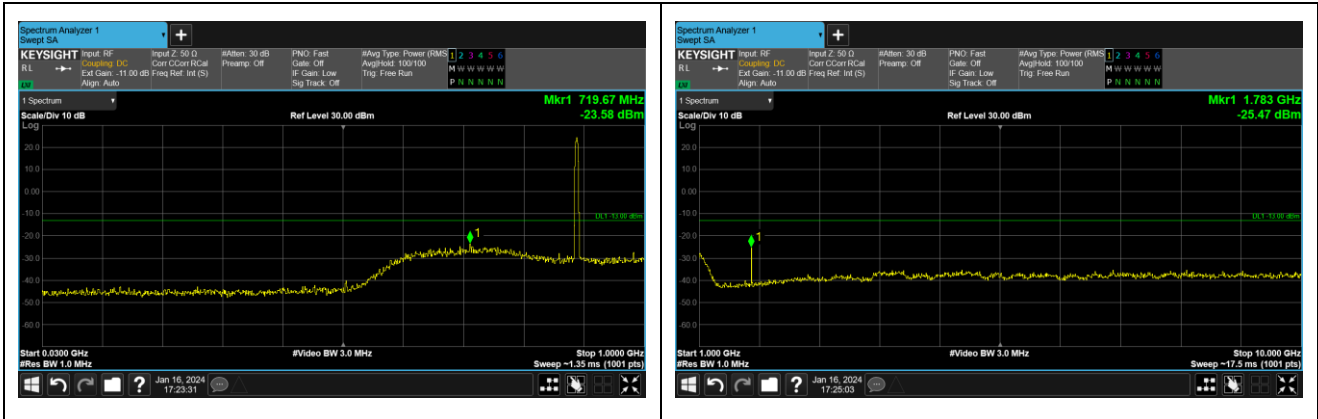


Band5-4357-30~1000MHz



Band5-4357-1000~10000MHz





## AppendixF:Frequency Stability

### Test Result

Reference Frequency: WCDMA BAND V 12.2k RMC Middle channel=4408 Frequency=2132.6MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
15.0	-30	-11.45	-0.0129877	±2.5	Pass
	-20	-13.17	-0.0149387		
	-10	-10.17	-0.0115358		
	0	-12.99	-0.0147346		
	10	-11.33	-0.0128516		
	20	-12.94	-0.0146779		
	30	-12.94	-0.0146779		
	40	-10.57	-0.0119896		
	50	-12.82	-0.0145417		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	10.0	-12.44	-0.014111	±2.5	Pass
	15.0	-11.99	-0.013600		
	22.0	-13.64	-0.015472		
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=1732.6MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
15.0	-30	-13.78	-0.0064616	Within authorized band for BAND IV	Pass
	-20	-15.38	-0.0072119		
	-10	-13.12	-0.0061521		
	0	-11.56	-0.0054206		
	10	-15.58	-0.0073056		
	20	-13.16	-0.0061709		
	30	-13.58	-0.0063678		
	40	-12.09	-0.0056691		
	50	-11.86	-0.0055613		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	10.0	-13.18	-0.006180	Within authorized band for BAND IV	Pass
	15.0	-15.35	-0.007198		
	22.0	-12.21	-0.005725		
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 (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
15.0	-30	-15.83	-0.0074229	Within authorized band for BAND II	Pass
	-20	-15.27	-0.0071603		
	-10	-14.19	-0.0066538		
	0	-15.51	-0.0072728		
	10	-15.62	-0.0073244		
	20	-12.8	-0.0060021		
	30	-15.61	-0.0073197		
	40	-14.98	-0.0070243		
	50	-12.32	-0.0057770		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	10.0	-11.92	-0.005589	Within authorized band for BAND II	Pass
	15.0	-12.32	-0.005777		
	22.0	-14.72	-0.006902		
Remark: All channel had been tested, but only the worst case data displayed in this report.					