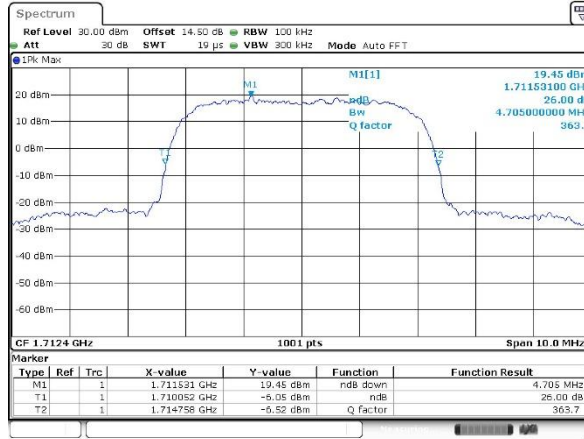
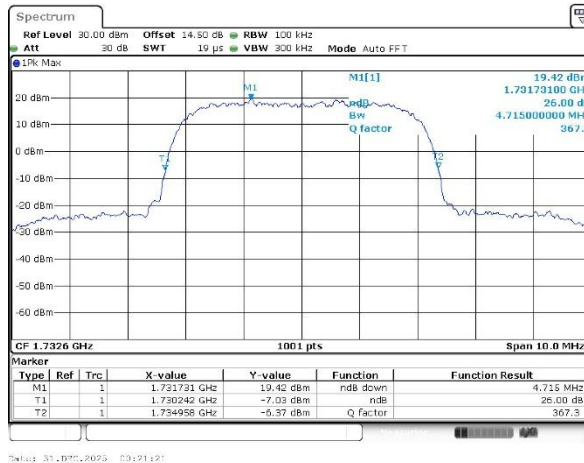


WCDMA Band IV (RMC 12.2Kbps)

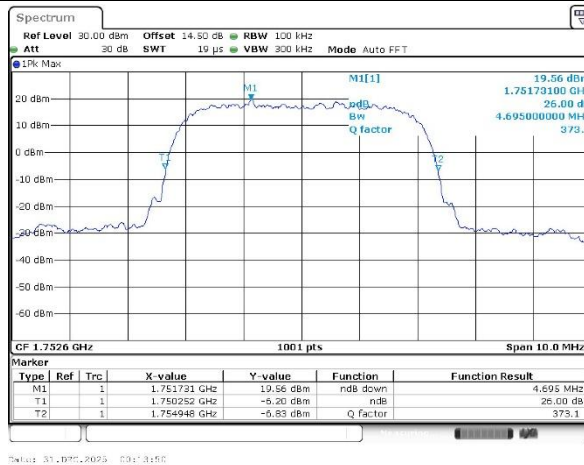
Lowest Channel



Middle Channel



Highest Channel





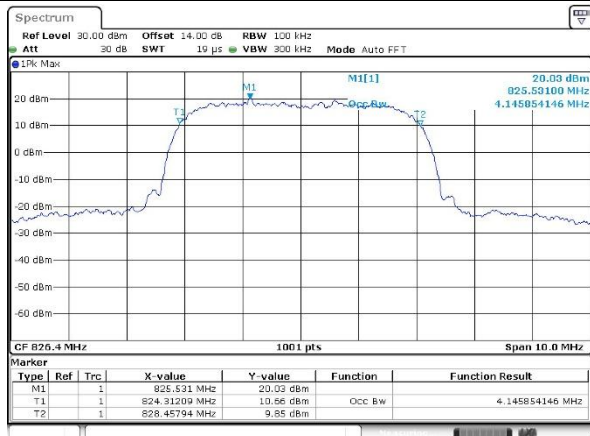
Occupied Bandwidth

Mode	WCDMA Band V(MHz)	WCDMA Band II(MHz)	WCDMA Band IV(MHz)
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.15	4.15	4.15
Middle CH	4.14	4.15	4.15
Highest CH	4.16	4.15	4.15



WCDMA Band V (RMC 12.2Kbps)

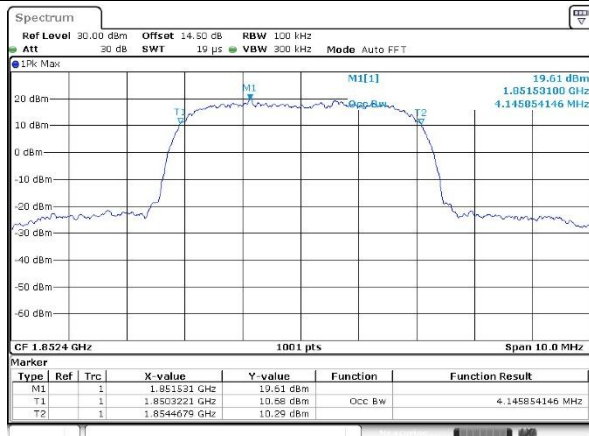
Lowest Channel



Setup: 37, 077, 2025 03:22:15

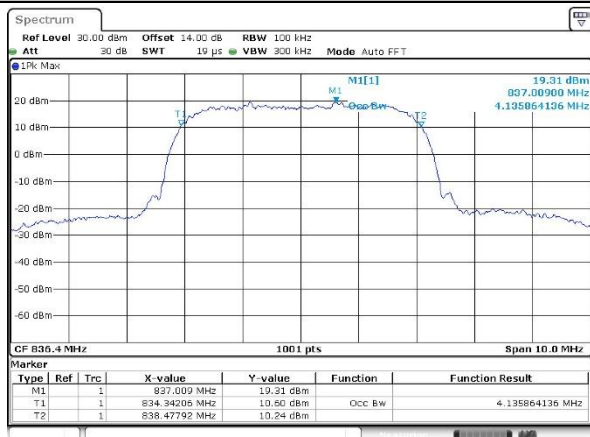
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



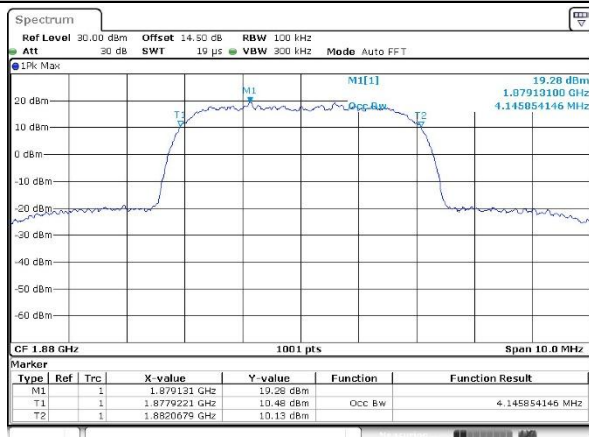
Setup: 30, 077, 2025 23:32:13

Middle Channel



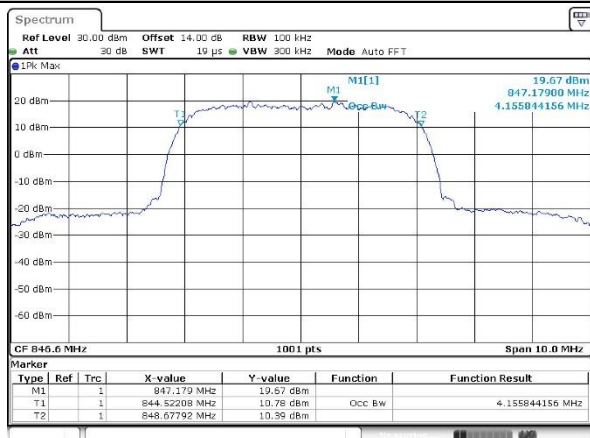
Setup: 37, 077, 2025 03:24:23

Middle Channel



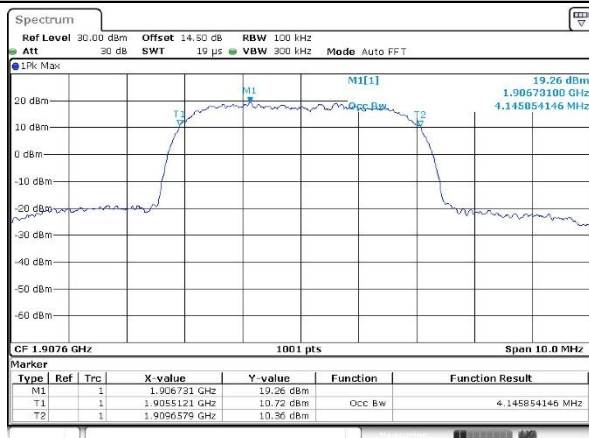
Setup: 30, 077, 2025 23:32:13

Highest Channel



Setup: 37, 077, 2025 03:25:28

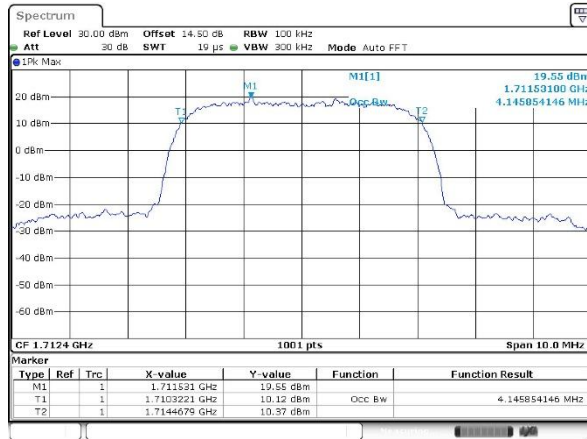
Highest Channel



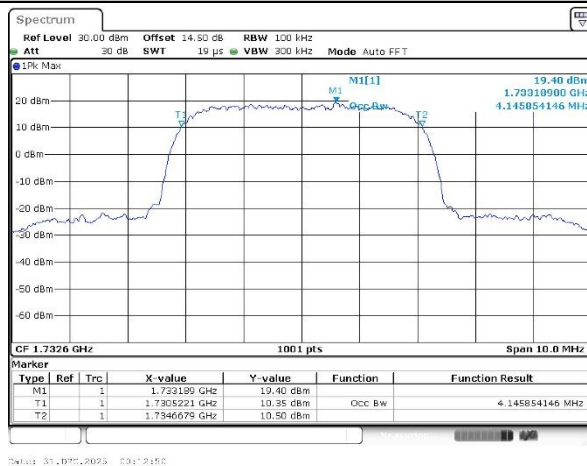
Setup: 30, 077, 2025 23:32:28

WCDMA Band IV (RMC 12.2Kbps)

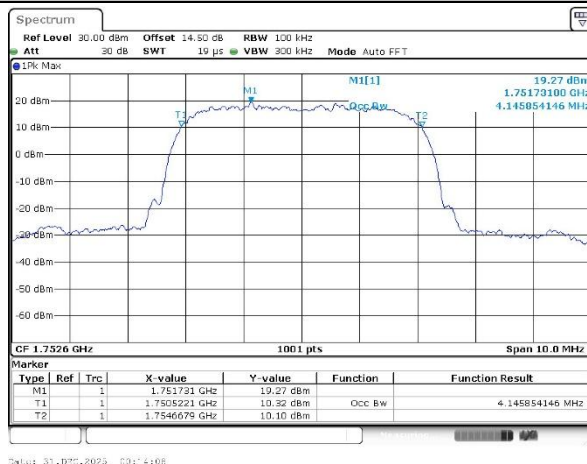
Lowest Channel



Middle Channel



Highest Channel

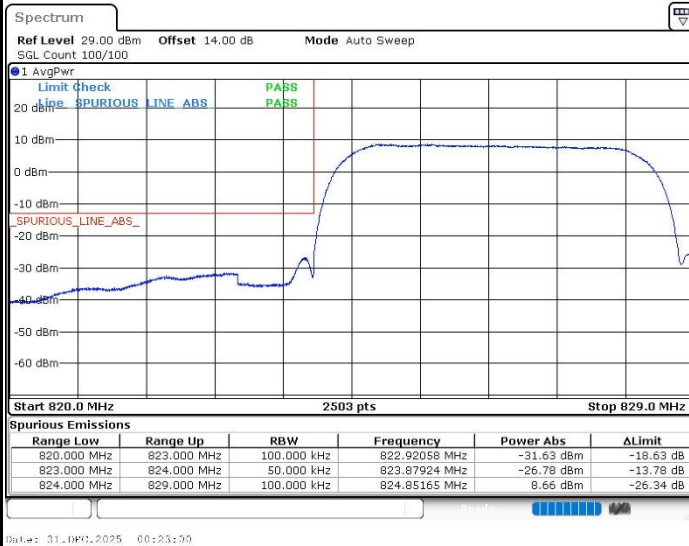




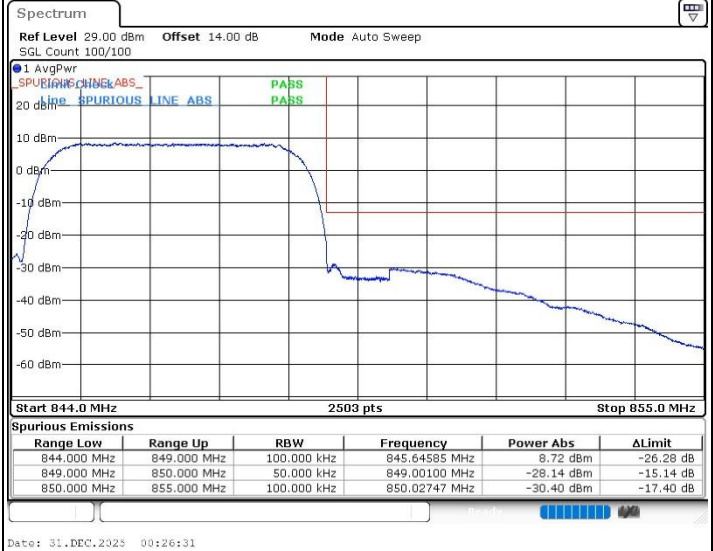
Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

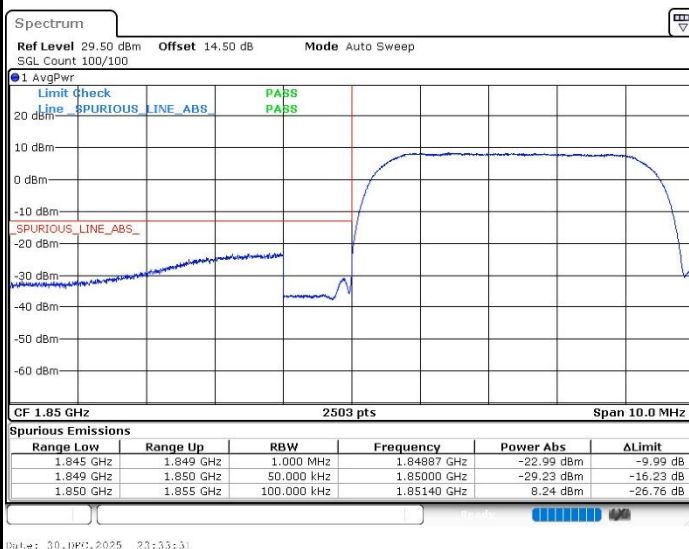


Highest Band Edge

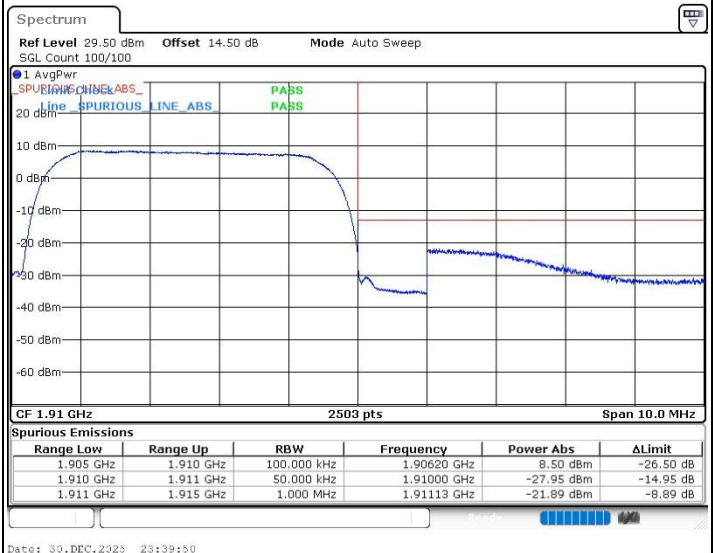


WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

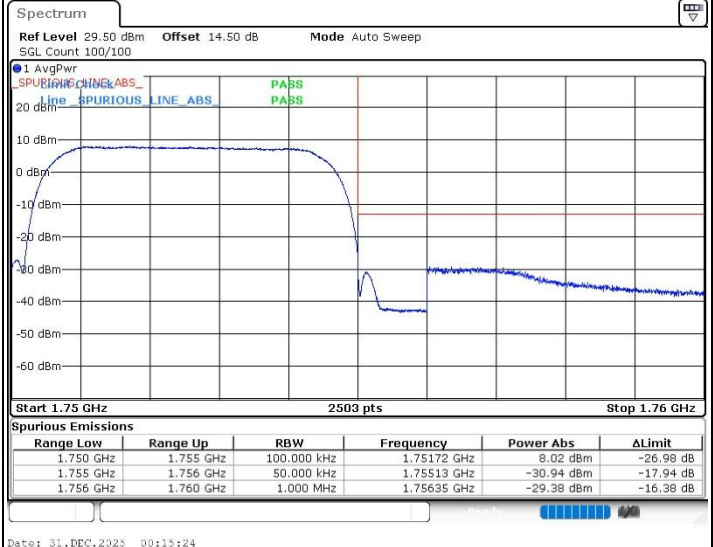
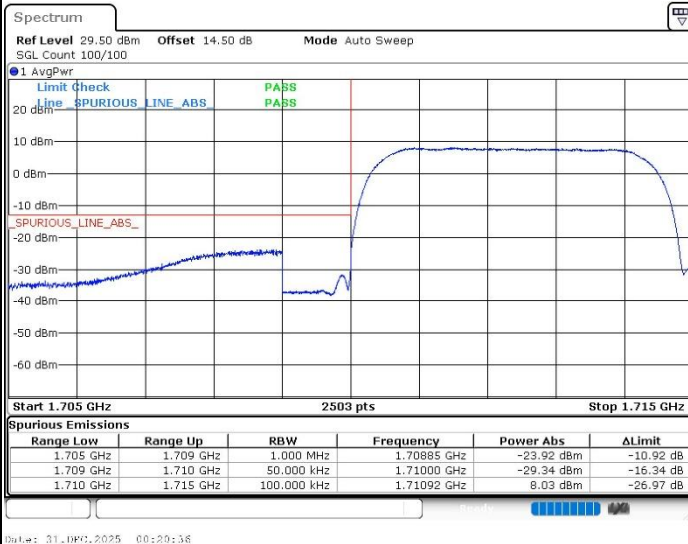




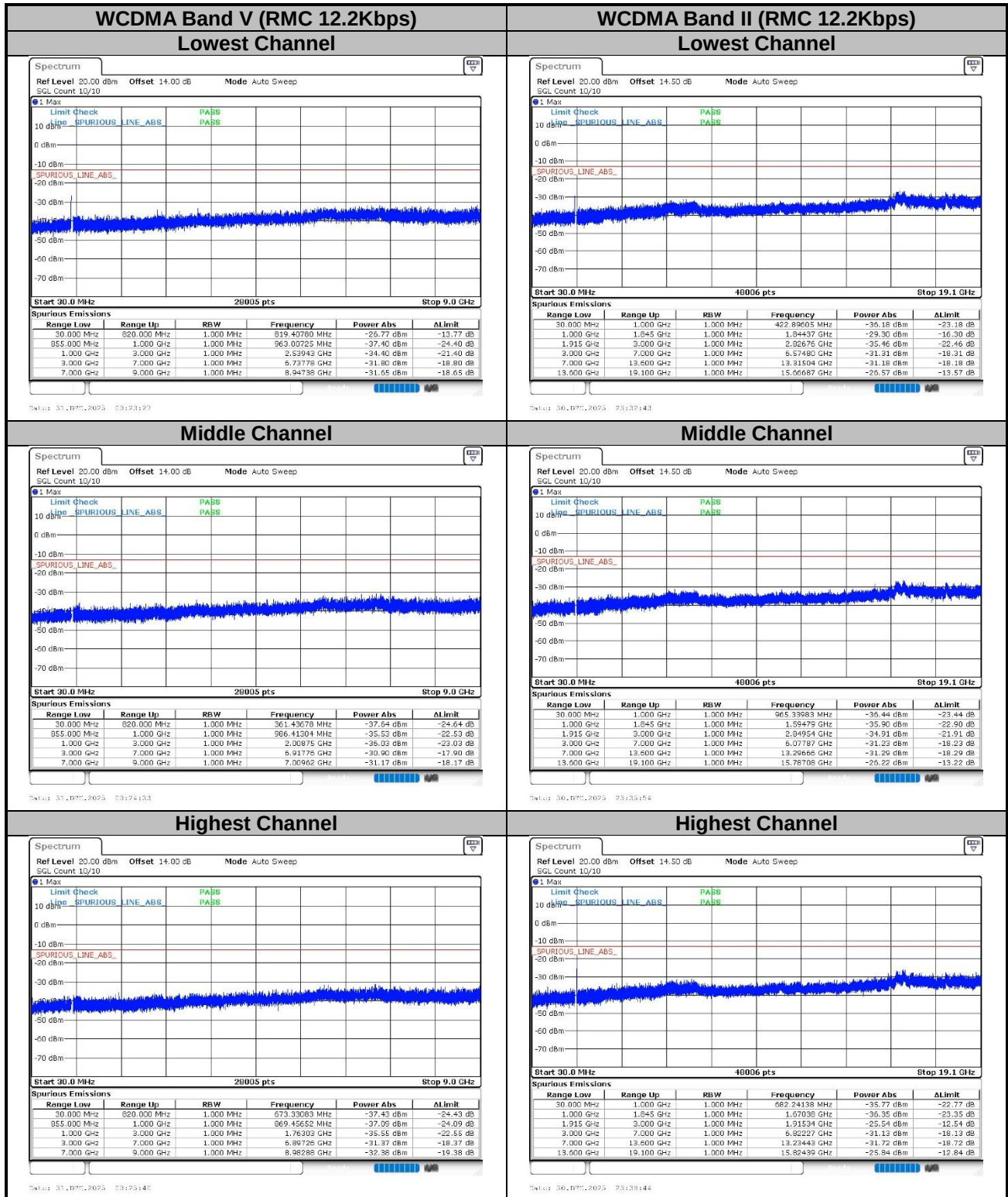
WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



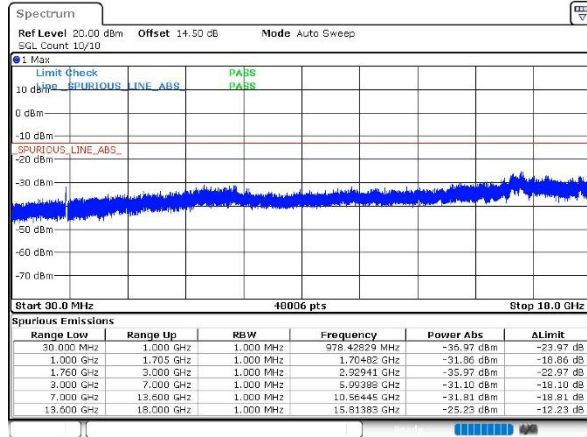
Conducted Spurious Emission





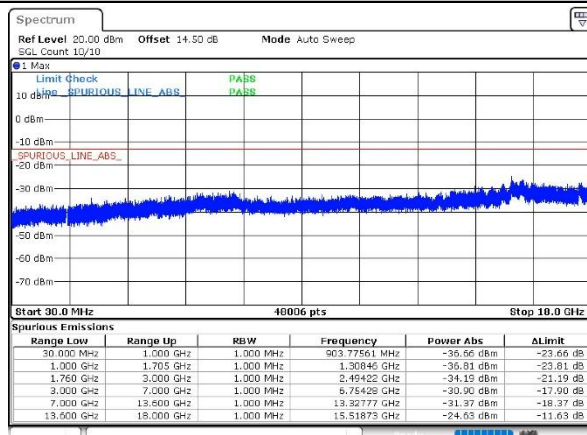
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



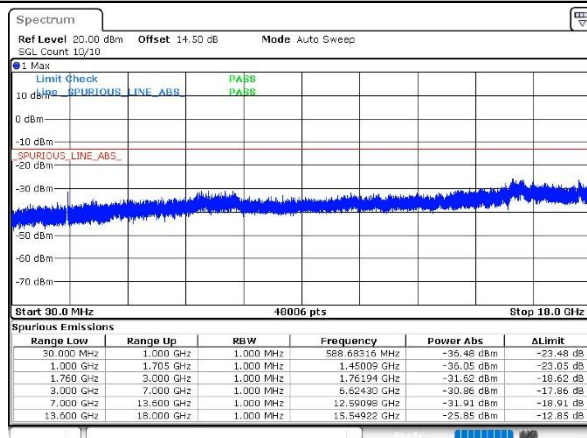
Ref: 31, Dec, 2023 09:19:45

Middle Channel



Ref: 31, Dec, 2023 09:21:32

Highest Channel



Ref: 31, Dec, 2023 09:41:26

**Frequency Stability**

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	2.5ppm Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0051	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Note 2. Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage = 3.91V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.4 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0084	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0039	
-20	Normal Voltage	0.0045	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.91V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.4 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangPing Zhou	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

GSM850 (GSM) for Ant 13									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-48.89	-13	-35.89	-60.57	-52.14	4.00	9.40	H
	2509.2	-57.63	-13	-44.63	-76.63	-61.20	4.88	10.60	H
	3345.6	-58.84	-13	-45.84	-79.81	-63.77	5.52	12.60	H
	1672.8	-55.50	-13	-42.50	-67.89	-58.75	4.00	9.40	V
	2509.2	-59.53	-13	-46.53	-78.74	-63.10	4.88	10.60	V
	3345.6	-58.13	-13	-45.13	-79.40	-63.06	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

GSM850 (EDGE 1 Tx slots) for Ant 13									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-58.83	-13	-45.83	-70.51	-62.08	4.00	9.40	H
	2509.2	-59.45	-13	-46.45	-78.45	-63.02	4.88	10.60	H
	3345.6	-58.80	-13	-45.80	-79.77	-63.73	5.52	12.60	H
	1672.8	-55.02	-13	-42.02	-67.41	-58.27	4.00	9.40	V
	2509.2	-59.23	-13	-46.23	-78.44	-62.80	4.88	10.60	V
	3345.6	-58.18	-13	-45.18	-79.45	-63.11	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

GSM1900 (GSM) for Ant 13									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-50.42	-13	-37.42	-72.71	-57.17	5.85	12.60	H
	5640	-50.34	-13	-37.34	-74.30	-56.14	7.30	13.10	H
	7520	-54.57	-13	-41.57	-81.06	-57.72	8.35	11.50	H
	3760	-42.45	-13	-29.45	-67.9	-49.20	5.85	12.60	V
	5640	-43.98	-13	-30.98	-68.09	-49.78	7.30	13.10	V
	7520	-54.77	-13	-41.77	-81.24	-57.92	8.35	11.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



GSM1900 (EDGE 1 Tx slots) for Ant 13									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-46.66	-13	-33.66	-68.95	-53.41	5.85	12.60	H
	5640	-48.39	-13	-35.39	-72.35	-54.19	7.30	13.10	H
	7520	-53.76	-13	-40.76	-80.25	-56.91	8.35	11.50	H
	3760	-46.64	-13	-33.64	-72.09	-53.39	5.85	12.60	V
	5640	-42.96	-13	-29.96	-67.07	-48.76	7.30	13.10	V
	7520	-54.49	-13	-41.49	-80.96	-57.64	8.35	11.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

WCDMA Band V(RMC 12.2Kbps) for Ant 31									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-64.53	-13	-51.53	-76.21	-67.78	4.00	9.40	H
	2509.2	-59.72	-13	-46.72	-78.72	-63.29	4.88	10.60	H
	3345.6	-58.21	-13	-45.21	-79.18	-63.14	5.52	12.60	H
	1672.8	-64.05	-13	-51.05	-76.44	-67.30	4.00	9.40	V
	2509.2	-59.64	-13	-46.64	-78.85	-63.21	4.88	10.60	V
	3345.6	-57.68	-13	-44.68	-78.95	-62.61	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

WCDMA Band II(RMC 12.2Kbps) for Ant 31									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-57.72	-13	-44.72	-80.01	-64.47	5.85	12.60	H
	5640	-56.83	-13	-43.83	-80.79	-62.63	7.30	13.10	H
	7520	-54.54	-13	-41.54	-81.03	-57.69	8.35	11.50	H
	3760	-54.40	-13	-41.40	-79.85	-61.15	5.85	12.60	V
	5640	-56.48	-13	-43.48	-80.59	-62.28	7.30	13.10	V
	7520	-54.75	-13	-41.75	-81.22	-57.90	8.35	11.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

WCDMA Band IV(RMC 12.2Kbps) for Ant 31									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465.2	-57.63	-13	-44.63	-79.48	-64.48	5.65	12.50	H
	5197.8	-56.65	-13	-43.65	-80.71	-62.32	7.13	12.80	H
	6930.4	-55.35	-13	-42.35	-80.97	-58.75	8.40	11.80	H
	3465.2	-57.29	-13	-44.29	-78.94	-64.14	5.65	12.50	V
	5197.8	-56.28	-13	-43.28	-80.61	-61.95	7.13	12.80	V
	6930.4	-53.53	-13	-40.53	-80.07	-56.93	8.40	11.80	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.