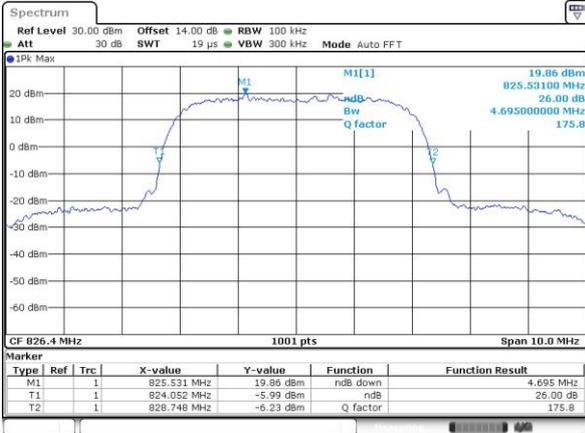




WCDMA Band V (RMC 12.2Kbps)

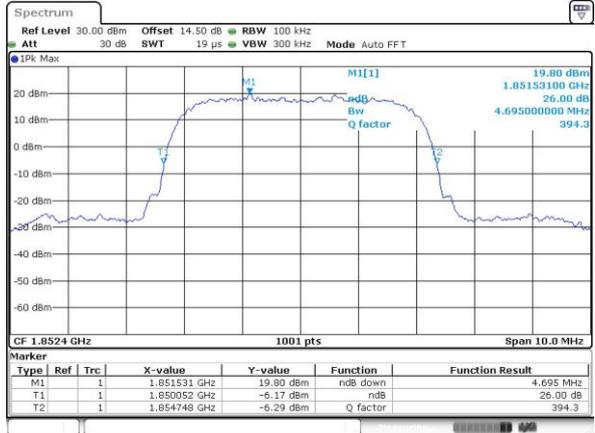
Lowest Channel



Date: 25 JUN 2025 15:22:46

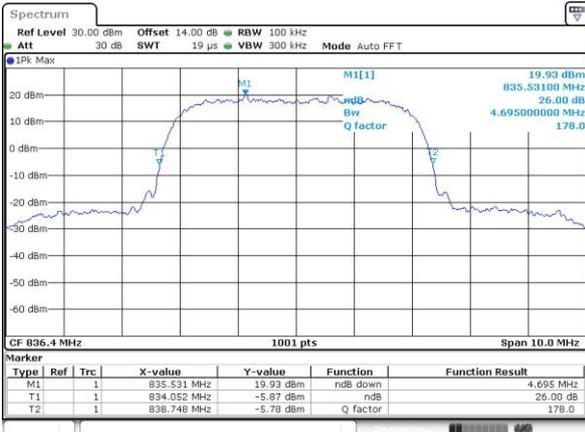
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



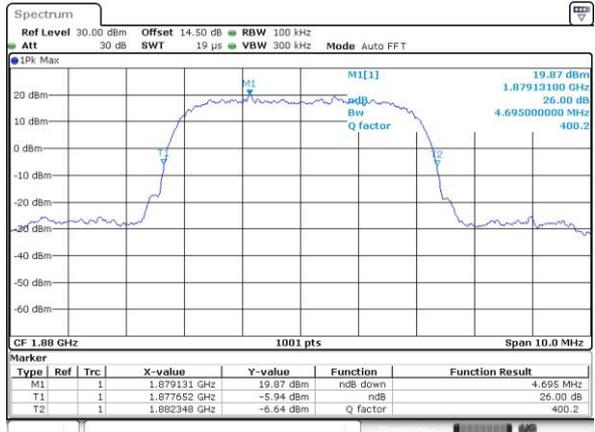
Date: 25 JUN 2025 15:13:10

Middle Channel



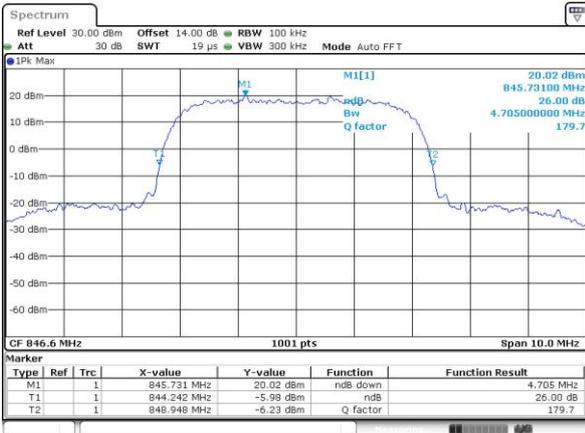
Date: 25 JUN 2025 15:25:26

Middle Channel



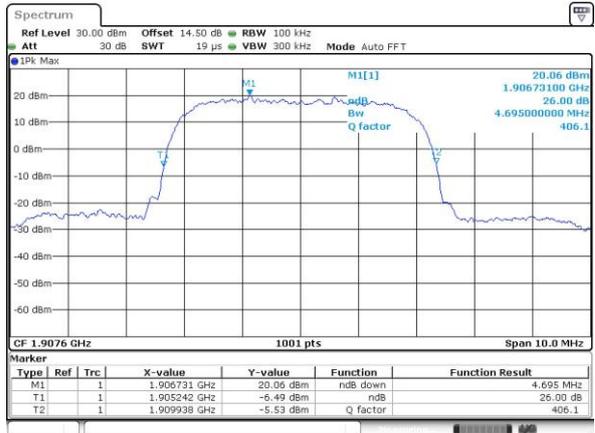
Date: 25 JUN 2025 15:17:56

Highest Channel



Date: 25 JUN 2025 15:26:46

Highest Channel

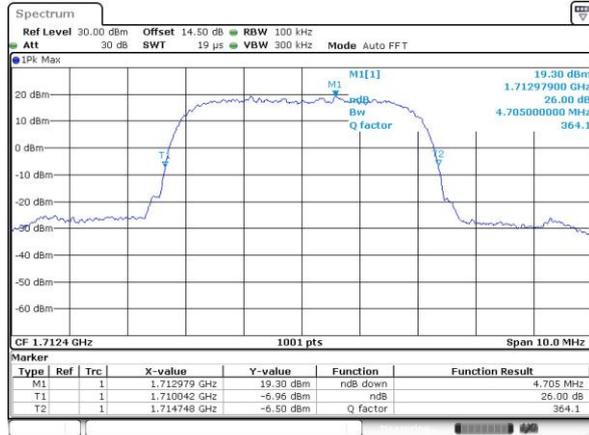


Date: 25 JUN 2025 15:13:42



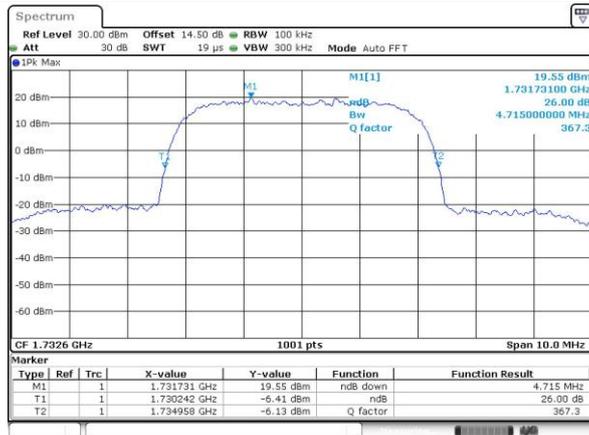
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



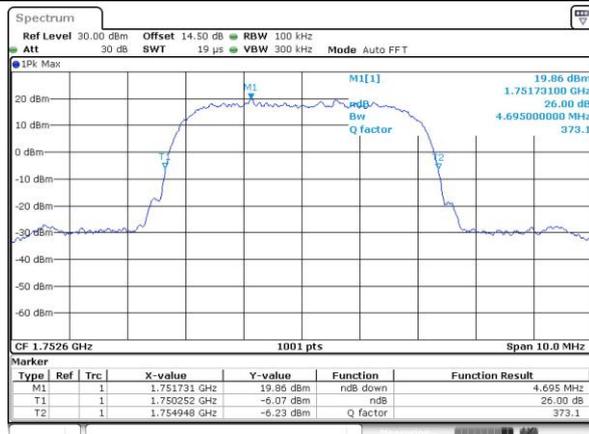
Date: 25 JUN 2025 15:42:23

Middle Channel



Date: 25 JUN 2025 15:45:31

Highest Channel



Date: 25 JUN 2025 15:47:39



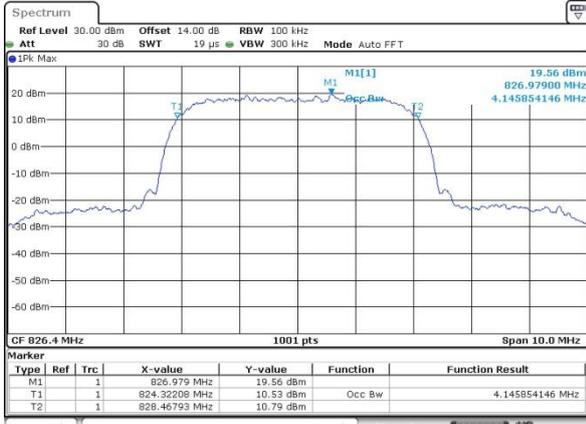
Occupied Bandwidth

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	4.14
Middle CH	4.15	4.15	4.15
Highest CH	4.14	4.14	4.14



WCDMA Band V (RMC 12.2Kbps)

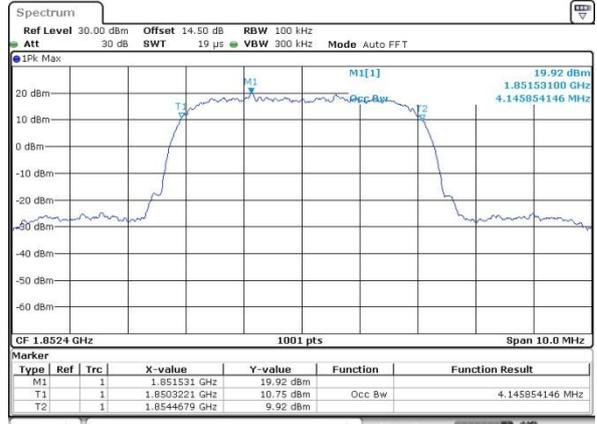
Lowest Channel



Date: 25 JUN 2025 15:23:05

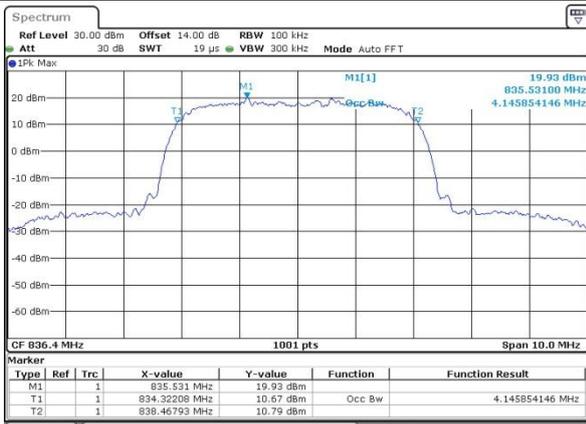
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



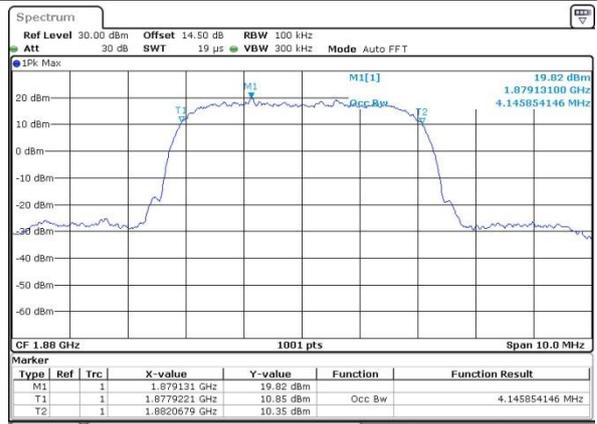
Date: 25 JUN 2025 15:35:47

Middle Channel



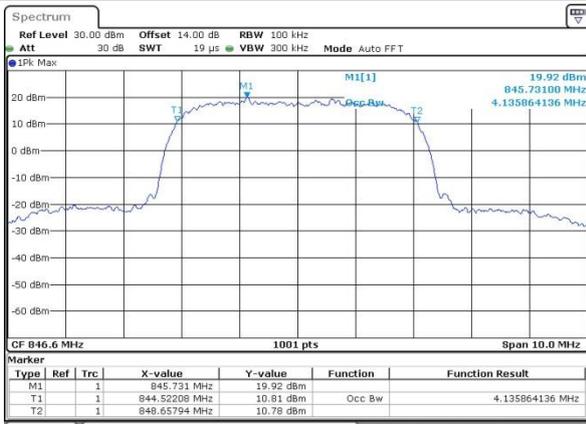
Date: 25 JUN 2025 15:25:44

Middle Channel



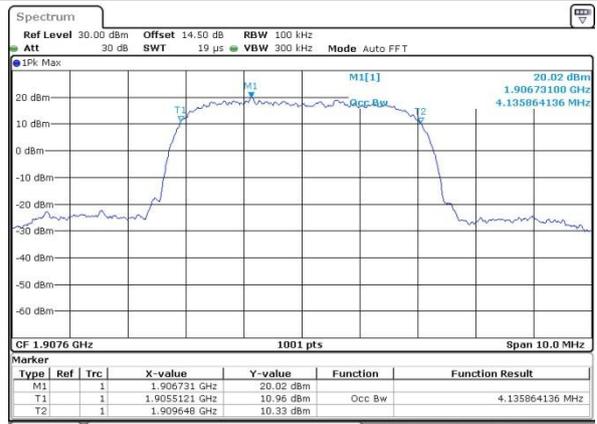
Date: 25 JUN 2025 15:38:52

Highest Channel

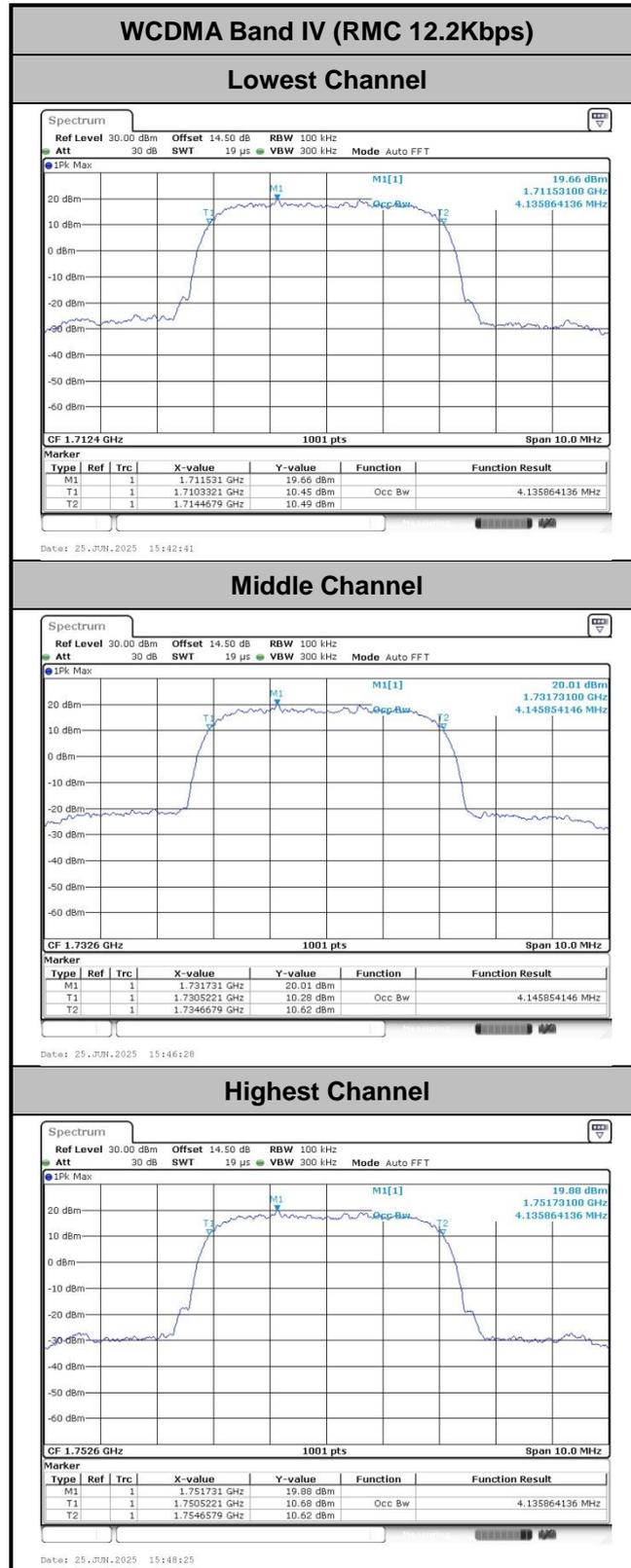


Date: 25 JUN 2025 15:28:01

Highest Channel

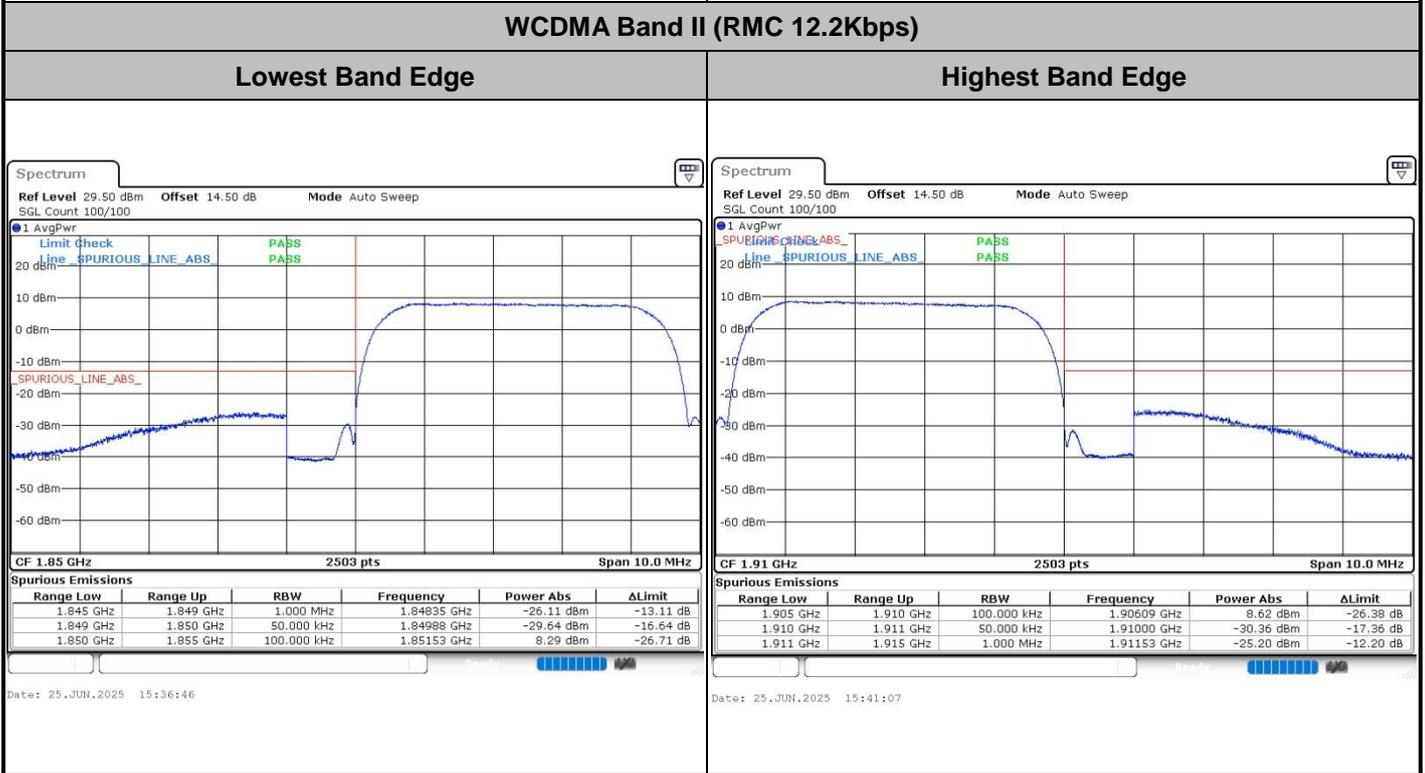
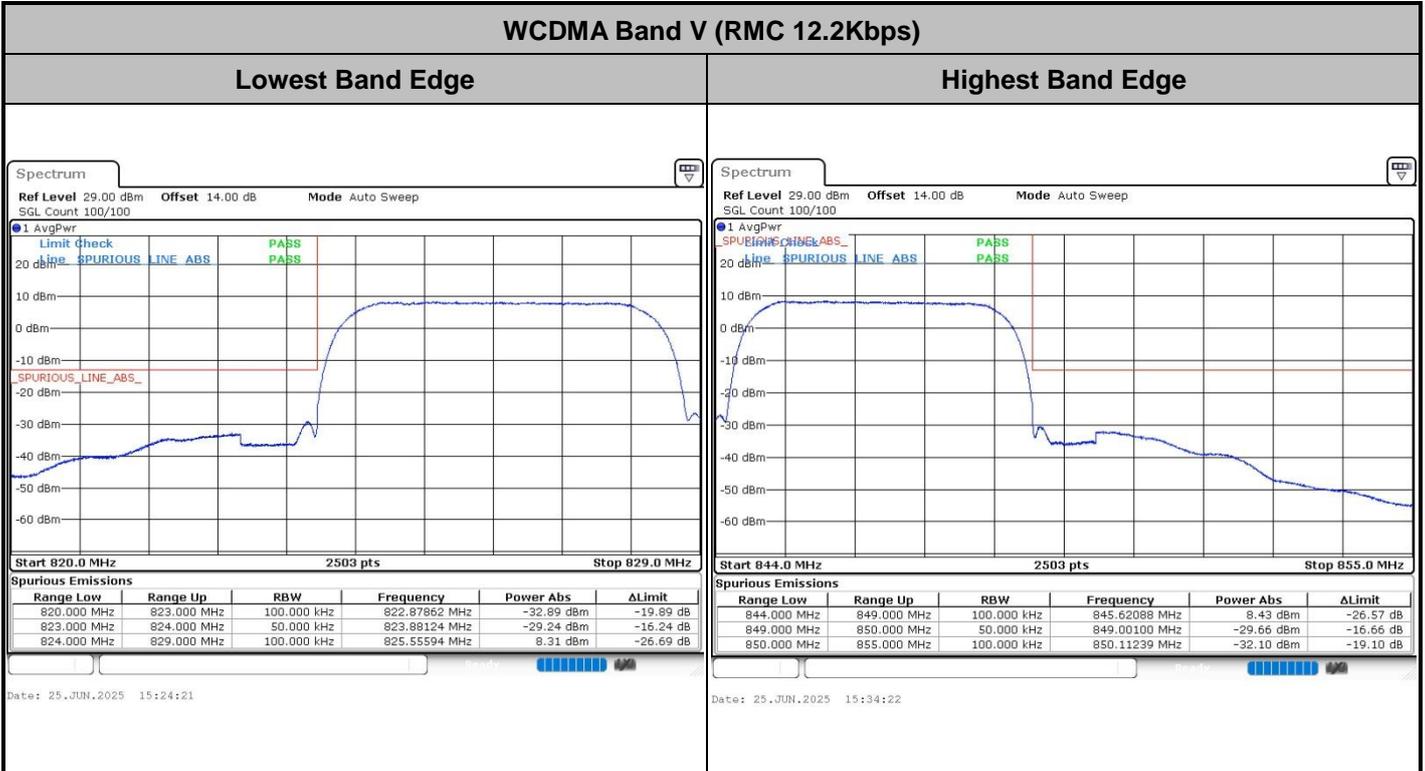


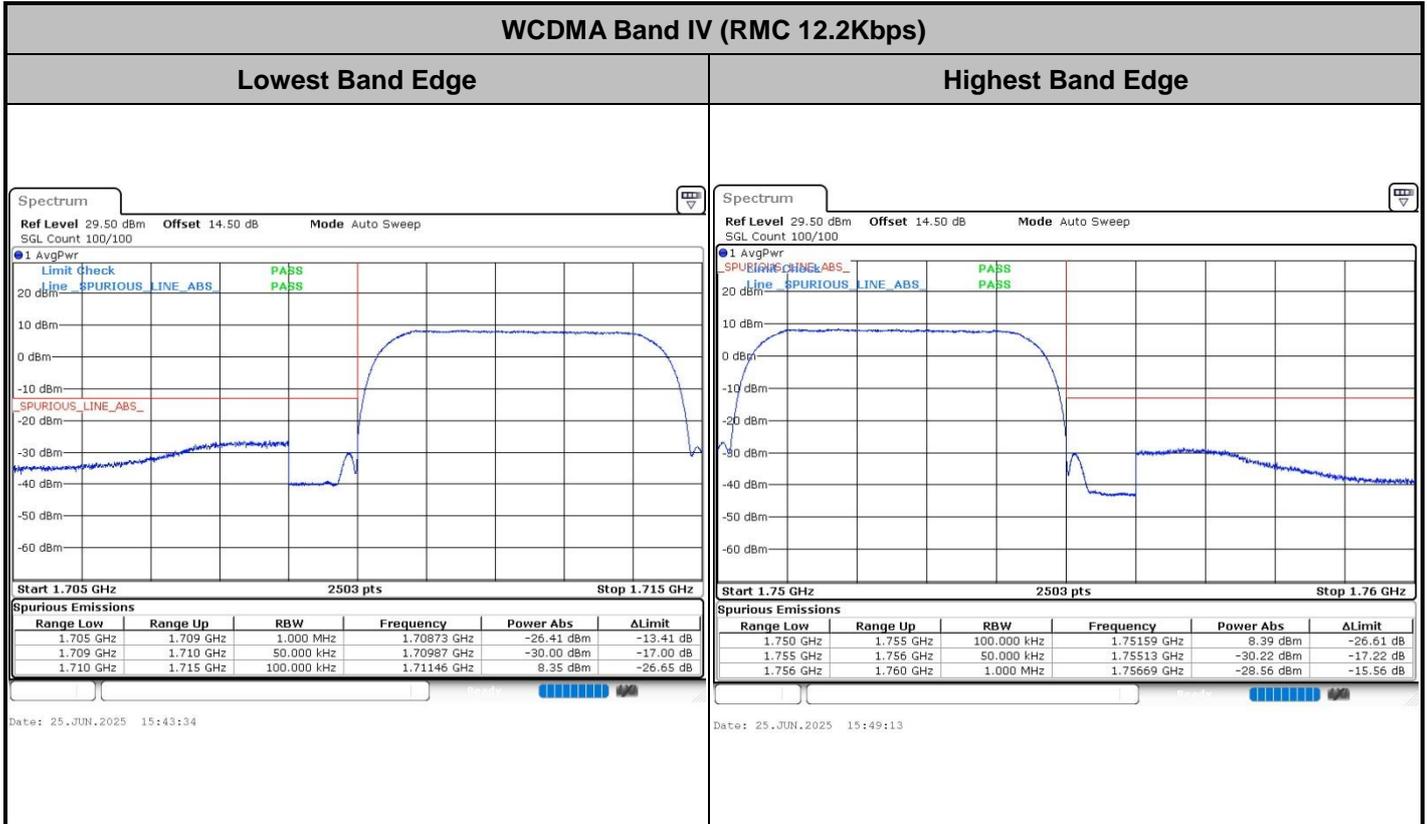
Date: 25 JUN 2025 15:41:53





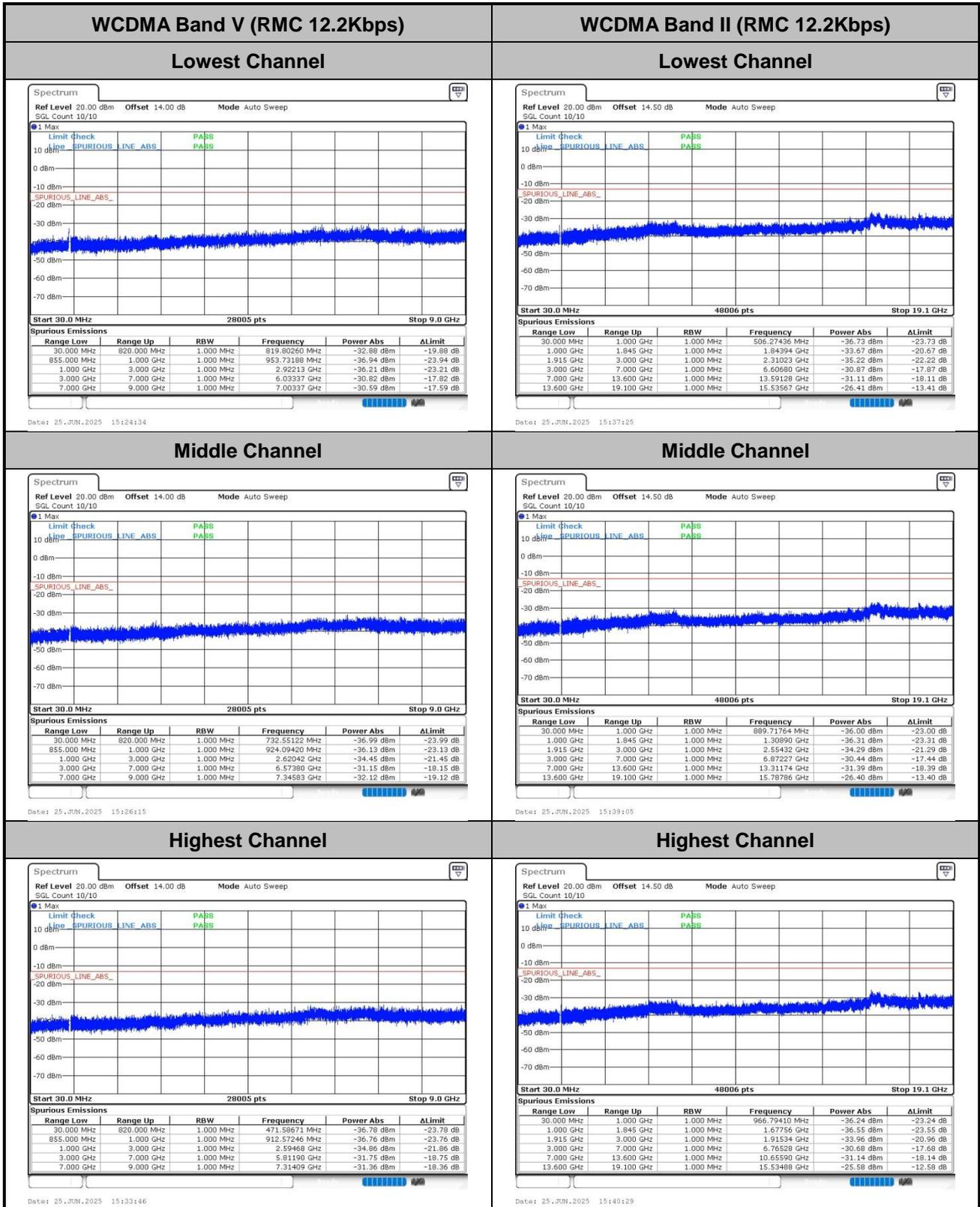
Conducted Band Edge







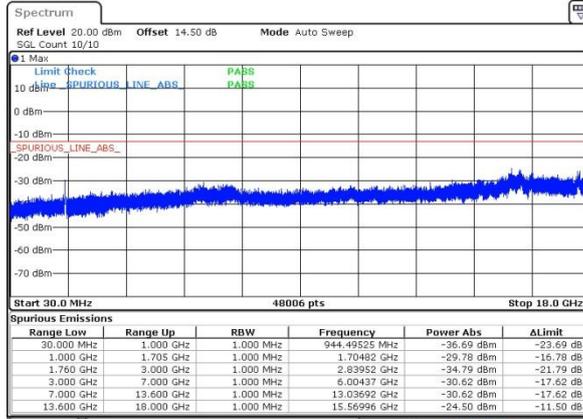
Conducted Spurious Emission





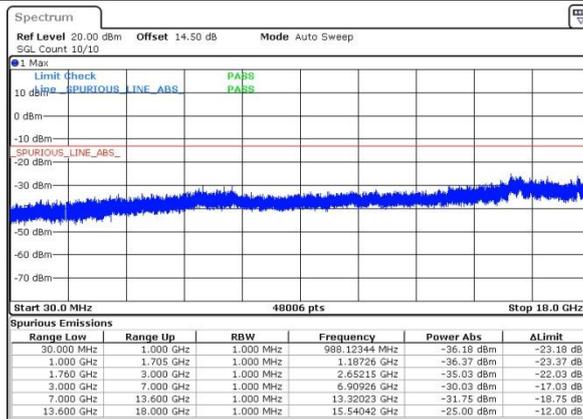
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



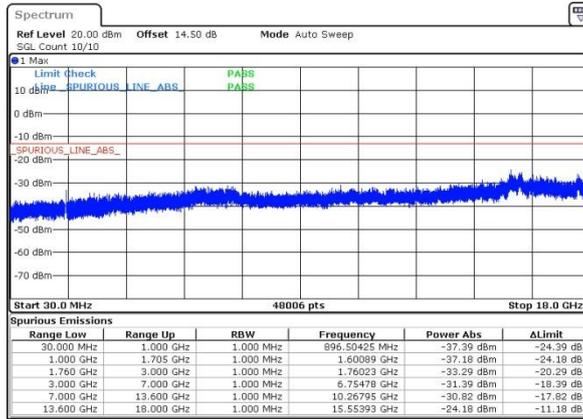
Date: 25 JUN. 2025 15:44:51

Middle Channel



Date: 25 JUN. 2025 15:47:09

Highest Channel



Date: 25 JUN. 2025 15:48:38



Frequency Stability

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage = 3.91V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.5 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	0.0007	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage = 3.91V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.5 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%

GSM850 (GSM)									
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	-57.96	-13	-44.96	-67.53	-61.21	4.00	9.40	H
	2509.2	-50.11	-13	-37.11	-63.90	-53.68	4.88	10.60	H
	3345.6	-62.03	-13	-49.03	-77.64	-66.96	5.52	12.60	H
	1672.8	-50.41	-13	-37.41	-59.43	-53.66	4.00	9.40	V
	2509.2	-43.46	-13	-30.46	-57.21	-47.03	4.88	10.60	V
	3345.6	-61.74	-13	-48.74	-77.08	-66.67	5.52	12.60	V

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

GSM850 (EDGE 1 Tx slots)									
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	-61.53	-13	-48.53	-71.10	-64.78	4.00	9.40	H
	2509.2	-60.72	-13	-47.72	-74.51	-64.29	4.88	10.60	H
	3345.6	-61.88	-13	-48.88	-77.49	-66.81	5.52	12.60	H
	1672.8	-63.89	-13	-50.89	-72.91	-67.14	4.00	9.40	V
	2509.2	-59.75	-13	-46.75	-73.50	-63.32	4.88	10.60	V
	3345.6	-61.88	-13	-48.88	-77.22	-66.81	5.52	12.60	V

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

GSM1900 (GSM)									
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	3760	-59.09	-13	-46.09	-77.21	-65.84	5.85	12.60	H
	5640	-43.29	-13	-30.29	-66.15	-49.09	7.30	13.10	H
	7520	-55.02	-13	-42.02	-80.84	-58.17	8.35	11.50	H
	3760	-58.55	-13	-45.55	-76.6	-65.30	5.85	12.60	V
	5640	-50.48	-13	-37.48	-72.59	-56.28	7.30	13.10	V
	7520	-55.06	-13	-42.06	-80.86	-58.21	8.35	11.50	V



GSM1900 (EDGE 1 Tx slots)									
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	-60.82	-13	-47.82	-78.94	-67.57	5.85	12.60	H
	5640	-51.17	-13	-38.17	-74.03	-56.97	7.30	13.10	H
	7520	-54.81	-13	-41.81	-80.63	-57.96	8.35	11.50	H
	3760	-61.08	-13	-48.08	-79.13	-67.83	5.85	12.60	V
	5640	-55.24	-13	-42.24	-77.35	-61.04	7.30	13.10	V
	7520	-54.83	-13	-41.83	-80.63	-57.98	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)									
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	-65.06	-13	-52.06	-74.63	-68.31	4.00	9.40	H
	2509.2	-62.61	-13	-49.61	-76.40	-66.18	4.88	10.60	H
	3345.6	-61.87	-13	-48.87	-77.48	-66.80	5.52	12.60	H
	1672.8	-65.63	-13	-52.63	-74.65	-68.88	4.00	9.40	V
	2509.2	-63.21	-13	-50.21	-76.96	-66.78	4.88	10.60	V
	3345.6	-62.30	-13	-49.30	-77.64	-67.23	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)									
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	-60.78	-13	-47.78	-78.90	-67.53	5.85	12.60	H
	5640	-58.37	-13	-45.37	-81.23	-64.17	7.30	13.10	H
	7520	-55.03	-13	-42.03	-80.85	-58.18	8.35	11.50	H
	3760	-61.00	-13	-48.00	-79.05	-67.75	5.85	12.60	V
	5640	-58.69	-13	-45.69	-80.8	-64.49	7.30	13.10	V
	7520	-55.18	-13	-42.18	-80.98	-58.33	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)									
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	-61.27	-13	-48.27	-77.94	-68.12	5.65	12.50	H
	5197.8	-59.06	-13	-46.06	-80.60	-64.73	7.13	12.80	H
	6930.4	-56.65	-13	-43.65	-81.99	-60.05	8.40	11.80	H
	3465.2	-61.39	-13	-48.39	-78.08	-68.24	5.65	12.50	V
	5197.8	-58.09	-13	-45.09	-79.94	-63.76	7.13	12.80	V
	6930.4	-55.51	-13	-42.51	-81.32	-58.91	8.40	11.80	V

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