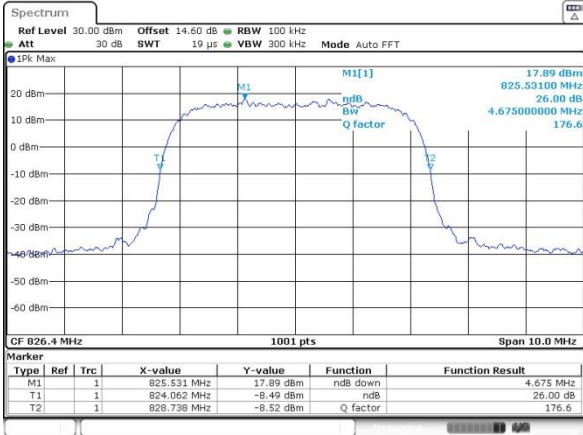




WCDMA Band V (RMC 12.2Kbps)

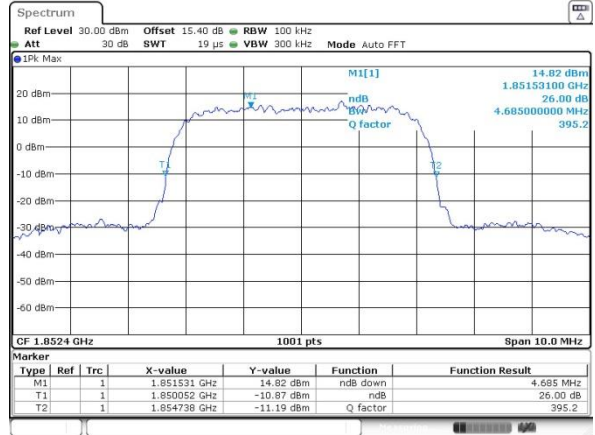
Lowest Channel



Date: 18_MAY_2024 01:19:19

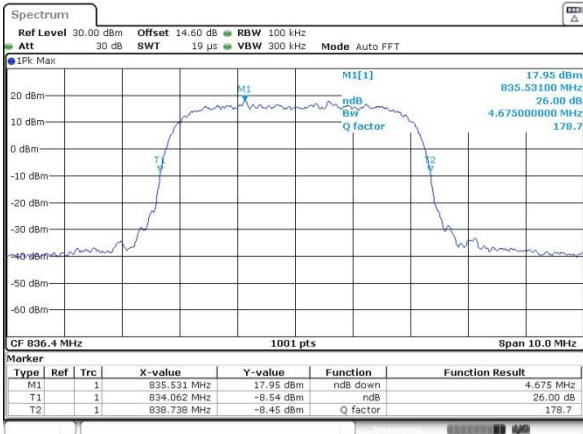
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



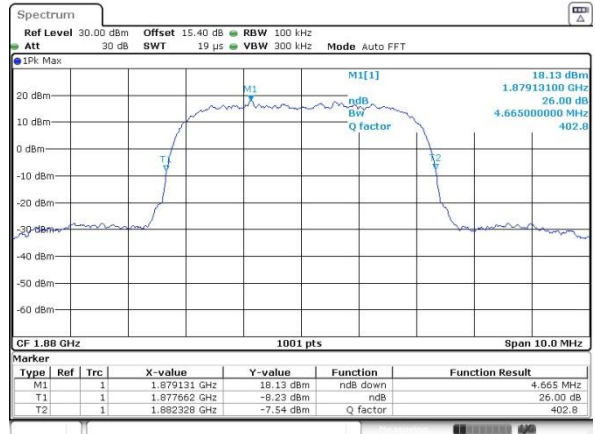
Date: 18_MAY_2024 00:52:30

Middle Channel



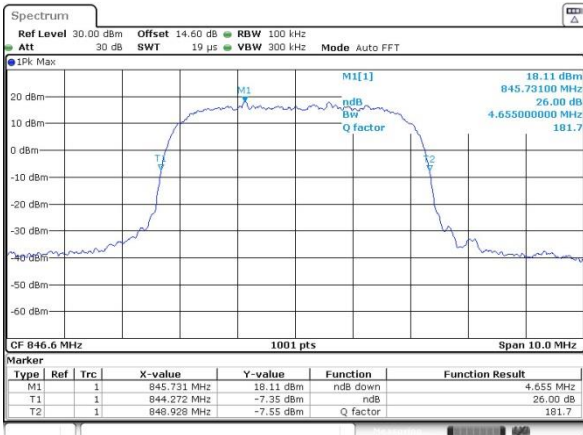
Date: 18_MAY_2024 01:19:54

Middle Channel



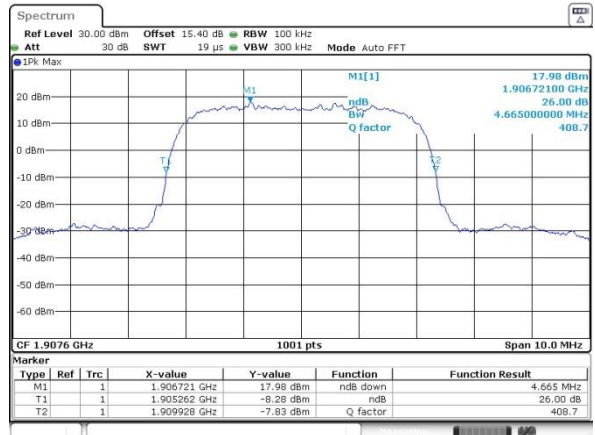
Date: 18_MAY_2024 00:52:56

Highest Channel



Date: 18_MAY_2024 01:19:34

Highest Channel

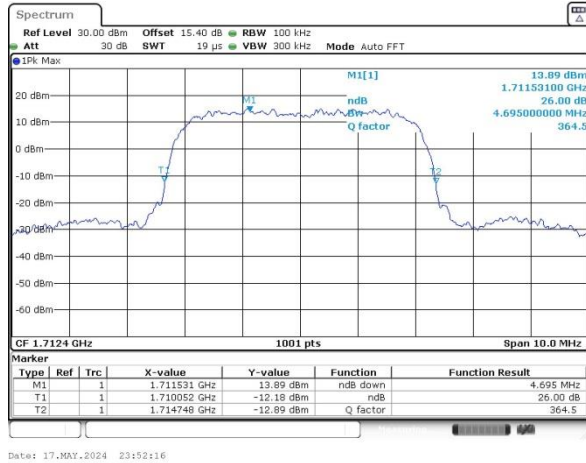


Date: 18_MAY_2024 00:53:21



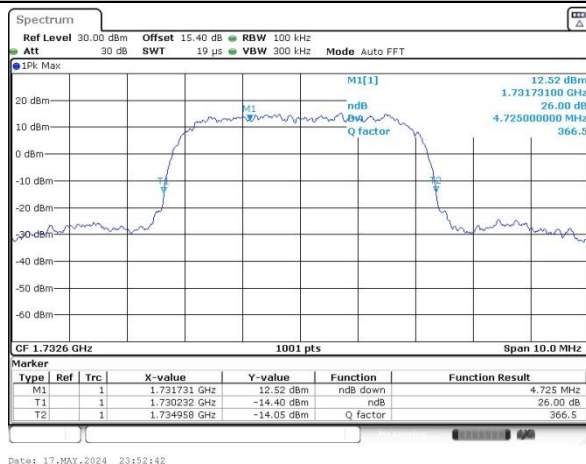
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



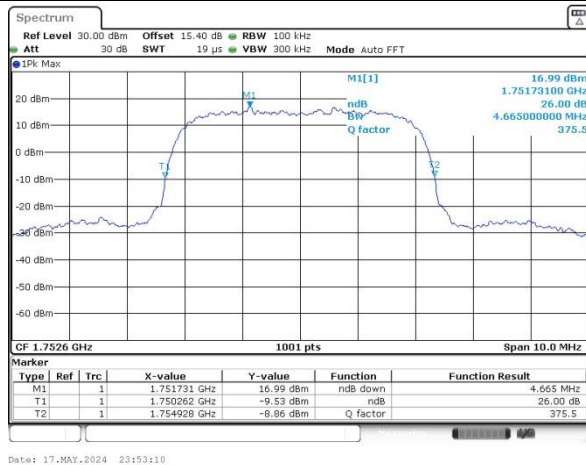
Date: 17_MAY.2024 23:52:16

Middle Channel



Date: 17_MAY.2024 23:52:42

Highest Channel



Date: 17_MAY.2024 23:53:10



Occupied Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.136	4.146	4.136
Middle CH	4.136	4.136	4.136
Highest CH	4.136	4.136	4.166

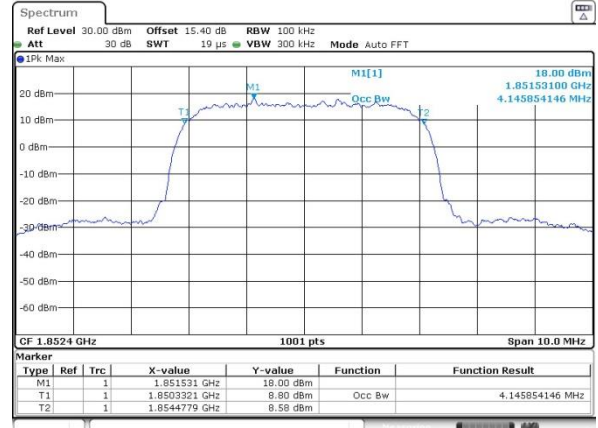
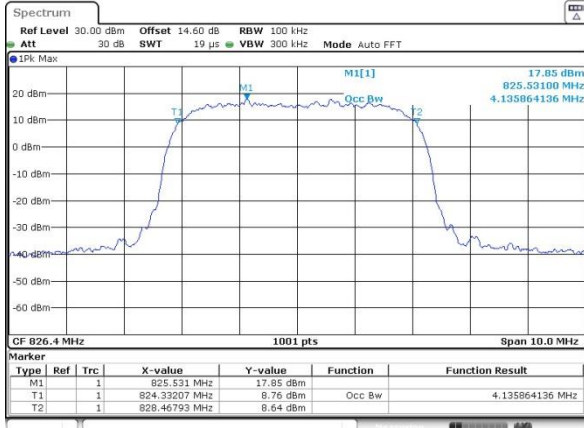


WCDMA Band V (RMC 12.2Kbps)

WCDMA Band II (RMC 12.2Kbps)

Lowest Channel

Lowest Channel

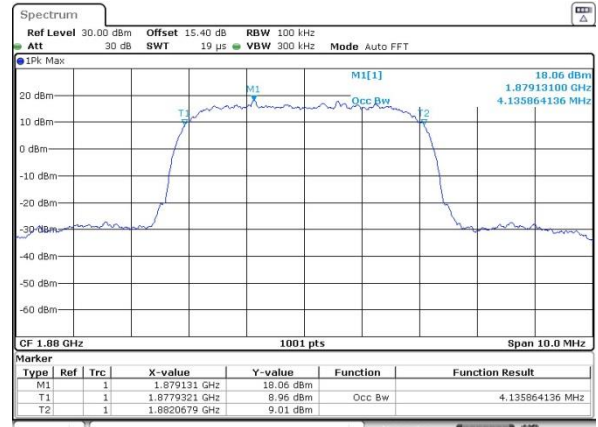
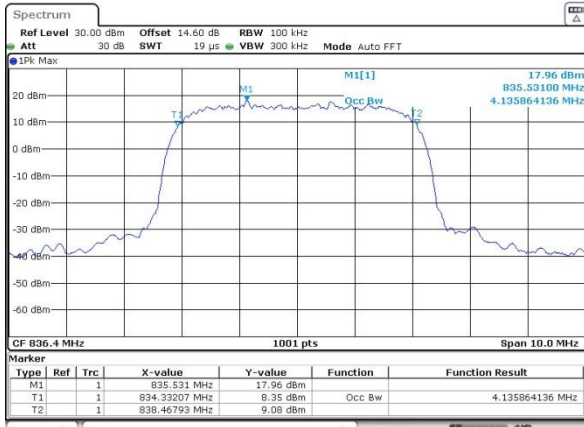


Date: 18_MAY_2024 01:20:21

Date: 18_MAY_2024 00:53:50

Middle Channel

Middle Channel

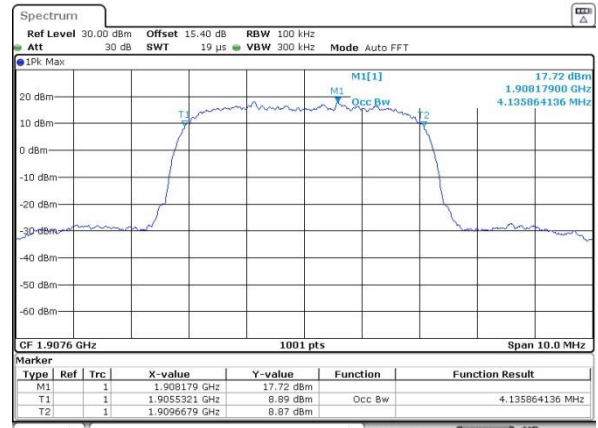
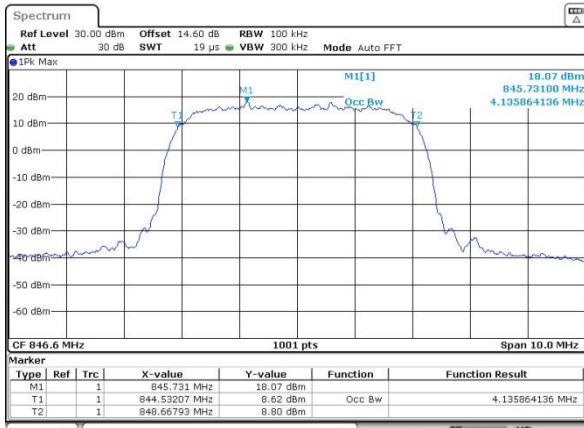


Date: 18_MAY_2024 01:20:57

Date: 18_MAY_2024 00:54:17

Highest Channel

Highest Channel



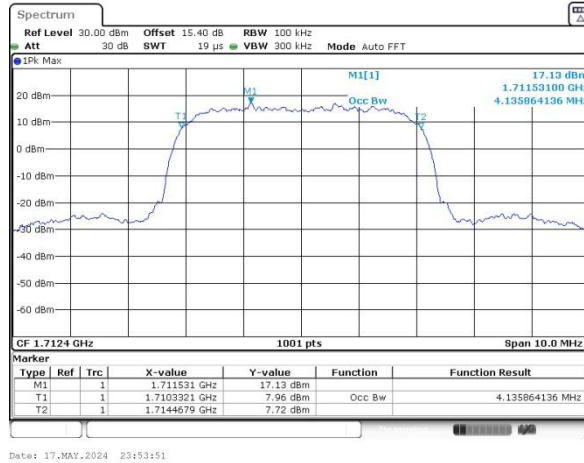
Date: 18_MAY_2024 01:21:34

Date: 18_MAY_2024 00:54:42



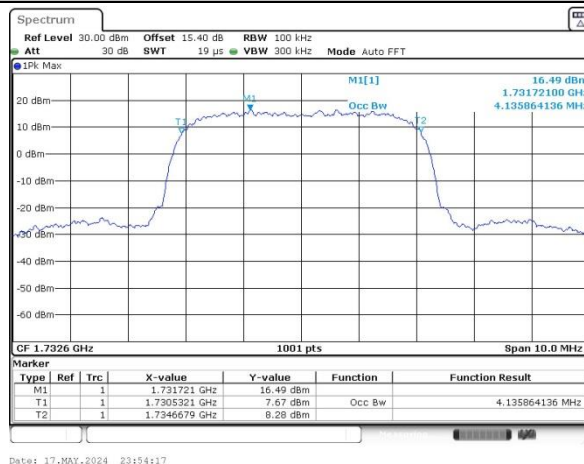
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



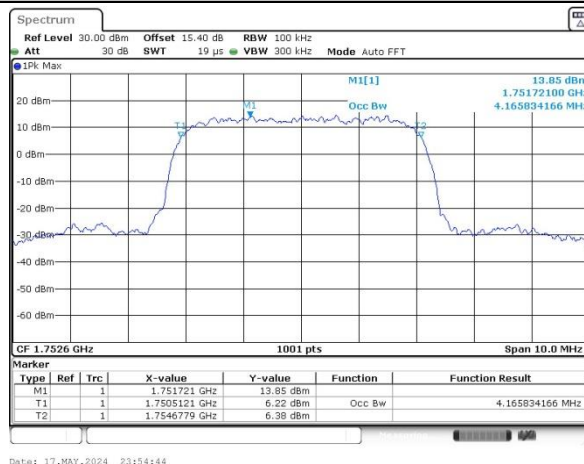
Date: 17_MAY.2024 23:53:51

Middle Channel



Date: 17_MAY.2024 23:54:17

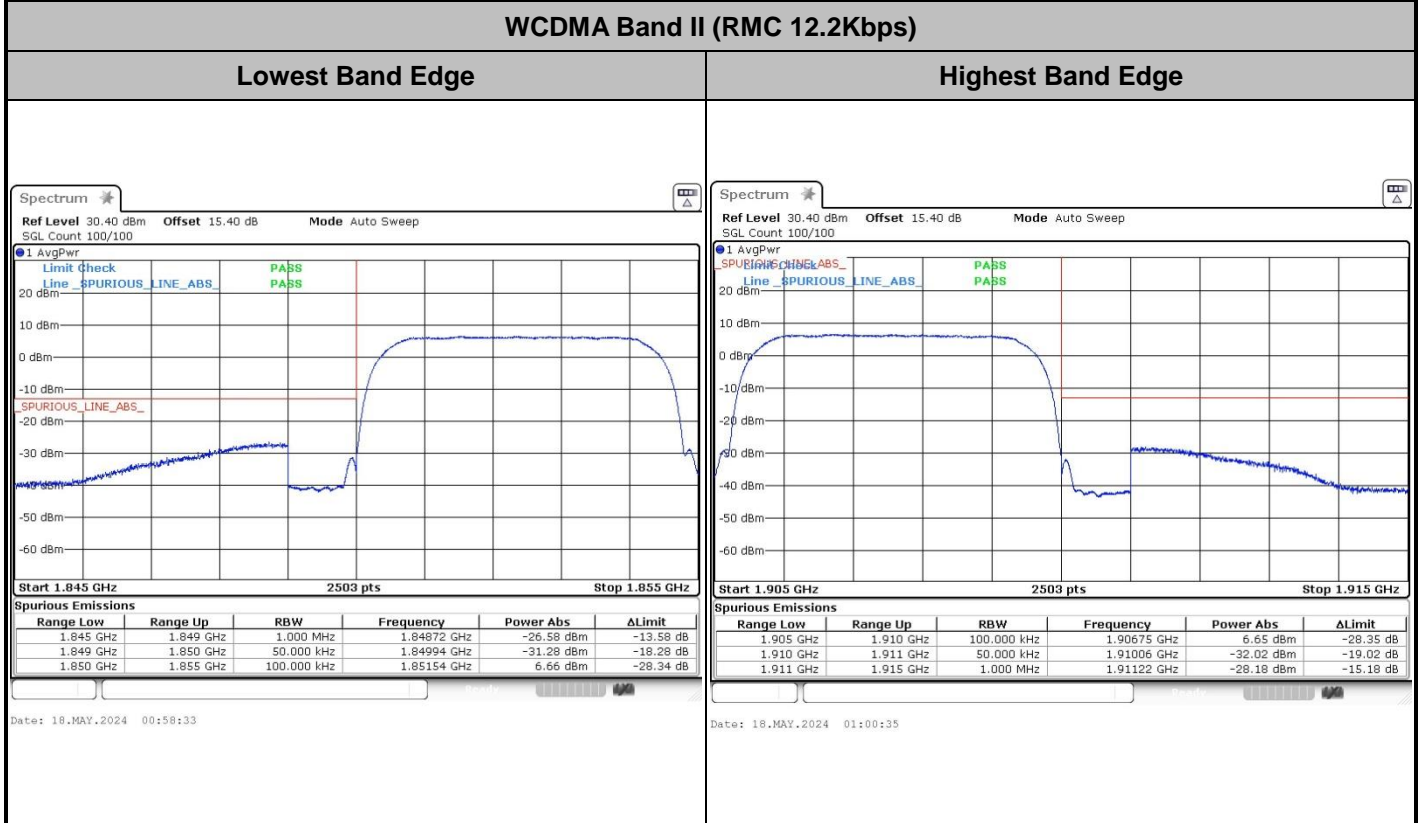
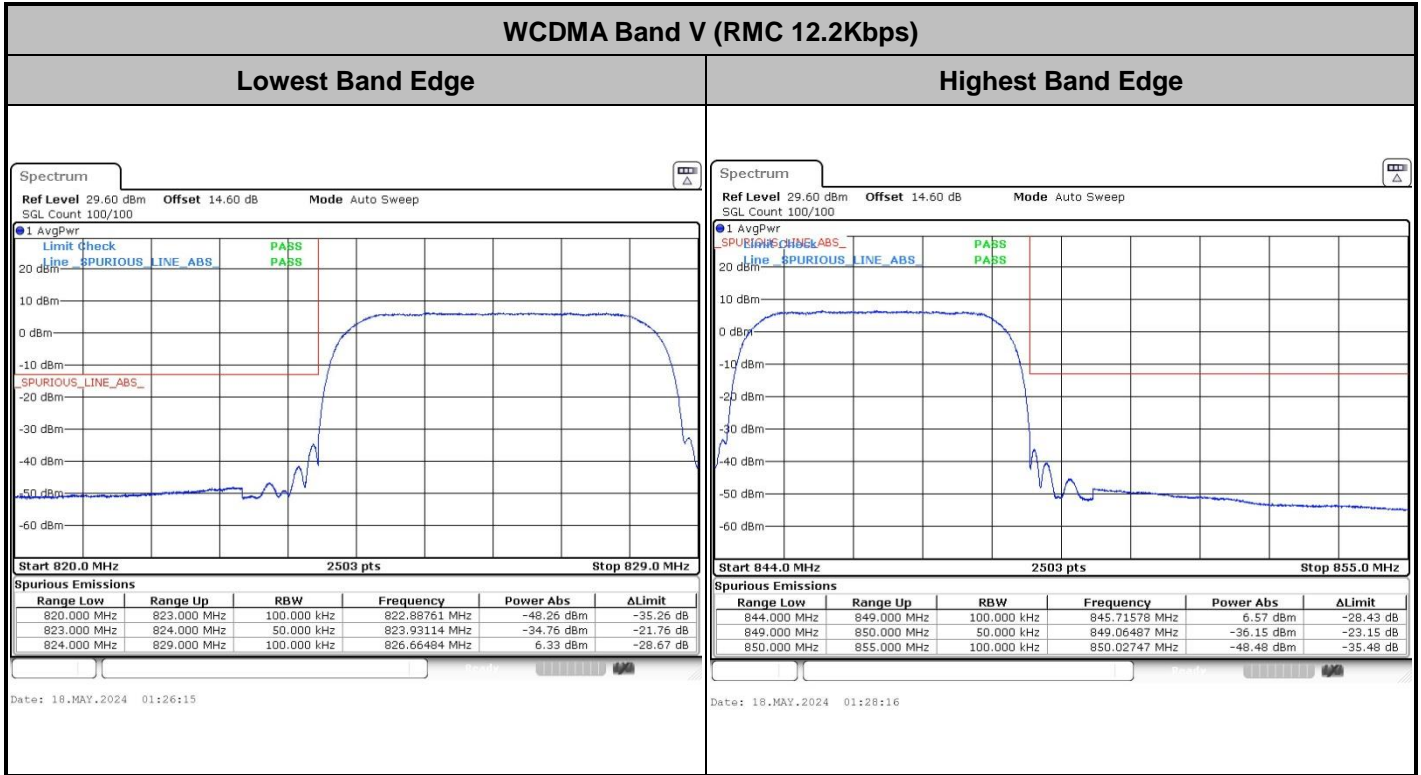
Highest Channel



Date: 17_MAY.2024 23:54:44



Conducted Band Edge

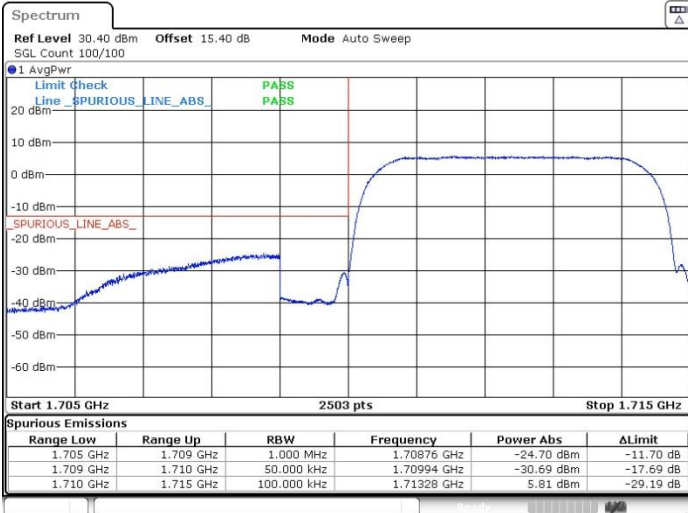




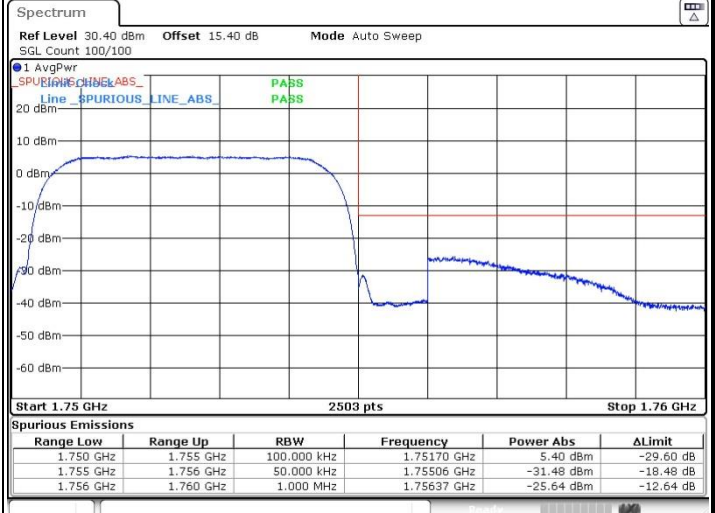
WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



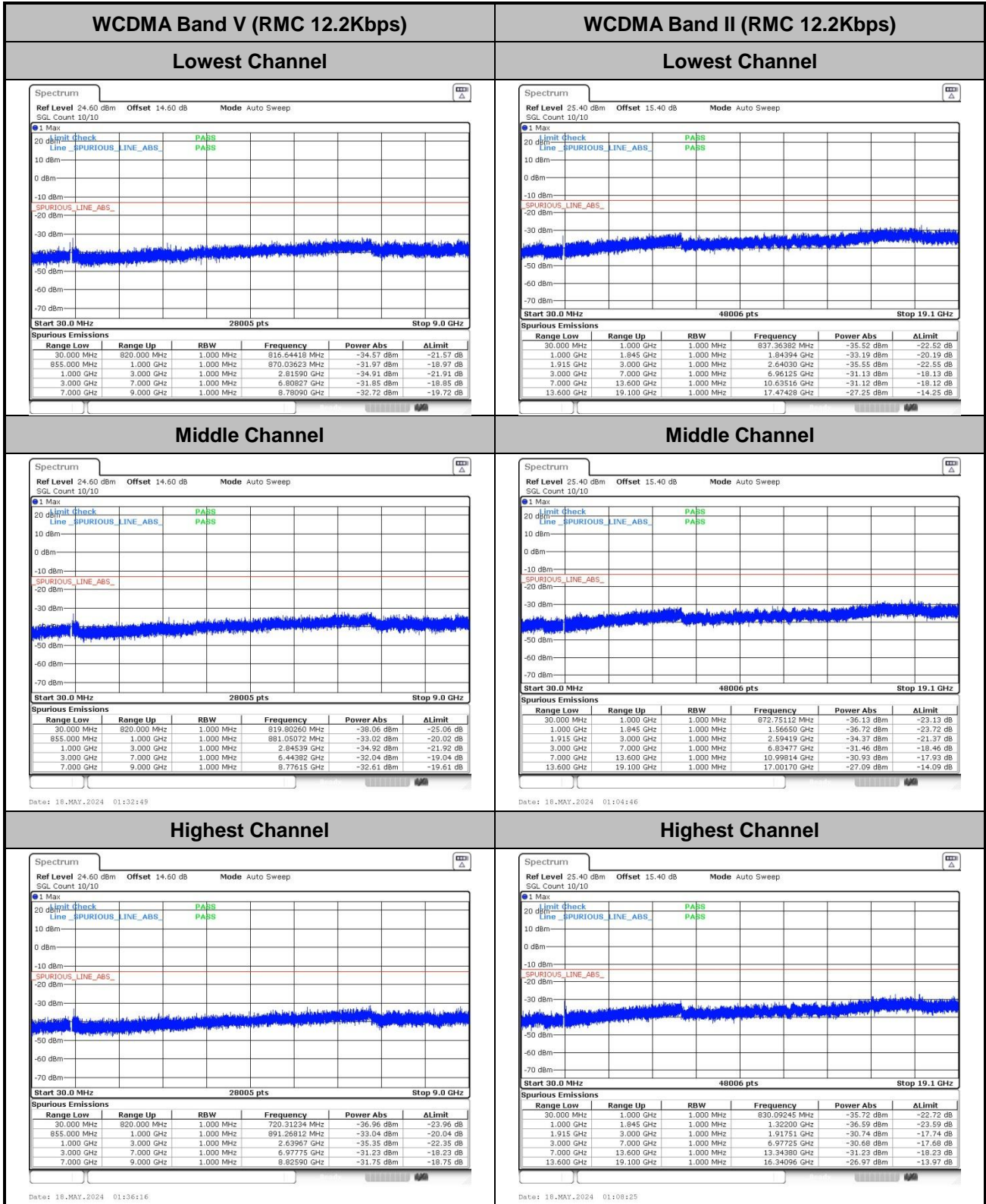
Date: 17.MAY.2024 23:58:50



Date: 18.MAY.2024 00:01:09



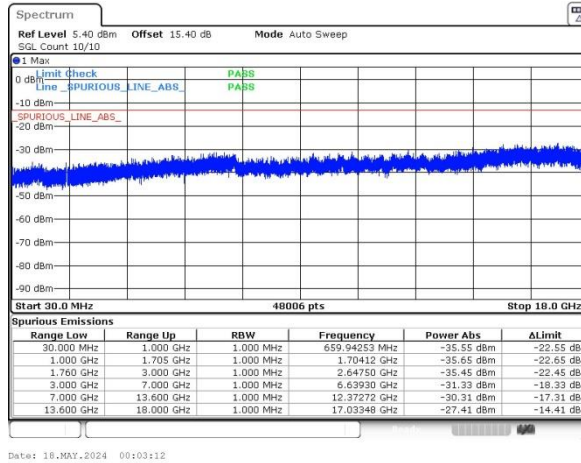
Conducted Spurious Emission



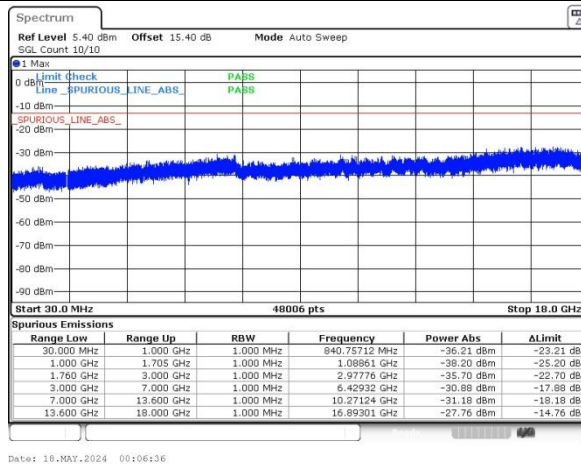


WCDMA Band IV (RMC 12.2Kbps)

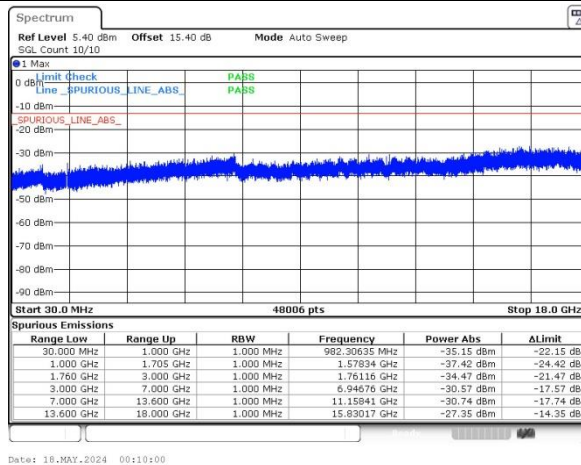
Lowest Channel



Middle Channel



Highest Channel





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	0.0046	PASS
40	Normal Voltage	0.0353	
30	Normal Voltage	0.0402	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0048	
0	Normal Voltage	0.0317	
-10	Normal Voltage	0.0069	
-20	Normal Voltage	0.0144	
-30	Normal Voltage	0.0326	
20	Maximum Voltage	0.0449	
20	Normal Voltage	0.0167	
20	Battery End Point	0.0247	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0166	PASS
40	Normal Voltage	0.0149	
30	Normal Voltage	0.0378	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0427	
0	Normal Voltage	0.0591	
-10	Normal Voltage	0.0262	
-20	Normal Voltage	0.0043	
-30	Normal Voltage	0.0151	
20	Maximum Voltage	0.0177	
20	Normal Voltage	0.0693	
20	Battery End Point	0.0042	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0043	PASS
40	Normal Voltage	0.0167	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0159	
0	Normal Voltage	0.0267	
-10	Normal Voltage	0.0364	
-20	Normal Voltage	0.0274	
-30	Normal Voltage	0.0059	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0079	
20	Battery End Point	0.0263	

Note:

1. Normal Voltage = 3.91V ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.5V
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 :	Kuang Jia	Temperature :	22~25°C
		Relative Humidity :	48~52%

GSM850 (GSM)-Ant.0									
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	-64.25	-13	-51.25	-70.47	-67.50	4.00	9.40	H
	2509.2	-50.60	-13	-37.60	-60.85	-54.17	4.88	10.60	H
	3345.6	-64.92	-13	-51.92	-76.95	-69.85	5.52	12.60	H
	1672.8	-61.84	-13	-48.84	-67.78	-65.09	4.00	9.40	V
	2509.2	-52.68	-13	-39.68	-63.26	-56.25	4.88	10.60	V
	3345.6	-64.49	-13	-51.49	-76.90	-69.42	5.52	12.60	V

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

GSM850 (EDGE 1 Tx slots) -Ant.0									
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	-63.42	-13	-50.42	-69.64	-66.67	4.00	9.40	H
	2509.2	-54.78	-13	-41.78	-65.03	-58.35	4.88	10.60	H
	3345.6	-64.79	-13	-51.79	-76.82	-69.72	5.52	12.60	H
	1672.8	-62.67	-13	-49.67	-68.61	-65.92	4.00	9.40	V
	2509.2	-54.10	-13	-41.10	-64.68	-57.67	4.88	10.60	V
	3345.6	-64.54	-13	-51.54	-76.95	-69.47	5.52	12.60	V

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

GSM1900 (GSM) -Ant.0									
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	-63.14	-13	-50.14	-77.79	-69.89	5.85	12.60	H
	5640	-61.67	-13	-48.67	-79.42	-67.47	7.30	13.10	H
	7520	-56.47	-13	-43.47	-78.78	-59.62	8.35	11.50	H
	3760	-62.78	-13	-49.78	-77.61	-69.53	5.85	12.60	V
	5640	-61.81	-13	-48.81	-79.45	-67.61	7.30	13.10	V
	7520	-56.43	-13	-43.43	-78.62	-59.58	8.35	11.50	V

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



GSM1900 (EDGE 1 Tx slots) -Ant.0									
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	-63.26	-13	-50.26	-77.91	-70.01	5.85	12.60	H
	5640	-61.51	-13	-48.51	-79.26	-67.31	7.30	13.10	H
	7520	-55.84	-13	-42.84	-78.15	-58.99	8.35	11.50	H
	3760	-63.08	-13	-50.08	-77.91	-69.83	5.85	12.60	V
	5640	-61.56	-13	-48.56	-79.2	-67.36	7.30	13.10	V
	7520	-56.37	-13	-43.37	-78.56	-59.52	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) -Ant.0									
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	-68.20	-13	-55.20	-74.42	-71.45	4.00	9.40	H
	2509.2	-65.92	-13	-52.92	-76.17	-69.49	4.88	10.60	H
	3345.6	-65.08	-13	-52.08	-77.11	-70.01	5.52	12.60	H
	1672.8	-68.09	-13	-55.09	-74.03	-71.34	4.00	9.40	V
	2509.2	-65.39	-13	-52.39	-75.97	-68.96	4.88	10.60	V
	3345.6	-64.50	-13	-51.50	-76.91	-69.43	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) -Ant.0									
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	-63.37	-13	-50.37	-78.02	-70.12	5.85	12.60	H
	5640	-61.53	-13	-48.53	-79.28	-67.33	7.30	13.10	H
	7520	-56.92	-13	-43.92	-79.23	-60.07	8.35	11.50	H
	3760	-62.93	-13	-49.93	-77.76	-69.68	5.85	12.60	V
	5640	-61.57	-13	-48.57	-79.21	-67.37	7.30	13.10	V
	7520	-56.94	-13	-43.94	-79.13	-60.09	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) -Ant.0									
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	-64.59	-13	-51.59	-77.34	-71.34	5.85	12.60	H
	5197.8	-62.53	-13	-49.53	-80.09	-68.33	7.30	13.10	H
	6930.4	-58.91	-13	-45.91	-79.76	-62.06	8.35	11.50	H
	3465.2	-63.88	-13	-50.88	-77.17	-70.63	5.85	12.60	V
	5197.8	-62.13	-13	-49.13	-79.64	-67.93	7.30	13.10	V
	6930.4	-59.18	-13	-46.18	-80.04	-62.33	8.35	11.50	V

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