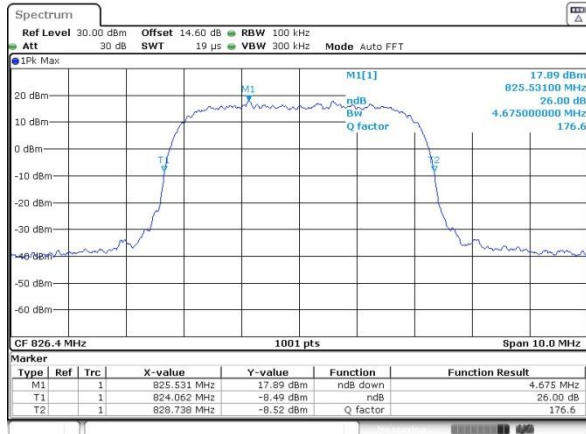




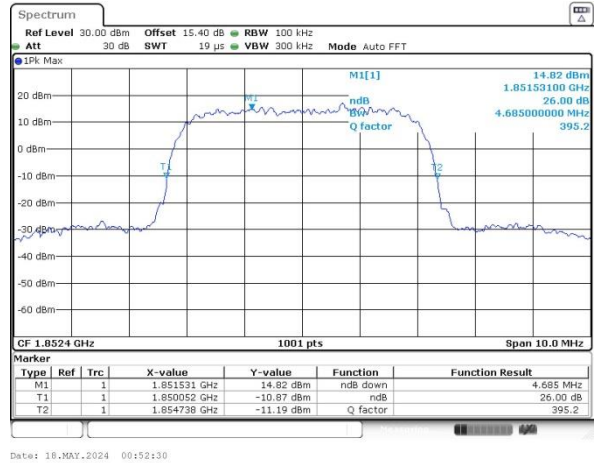
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

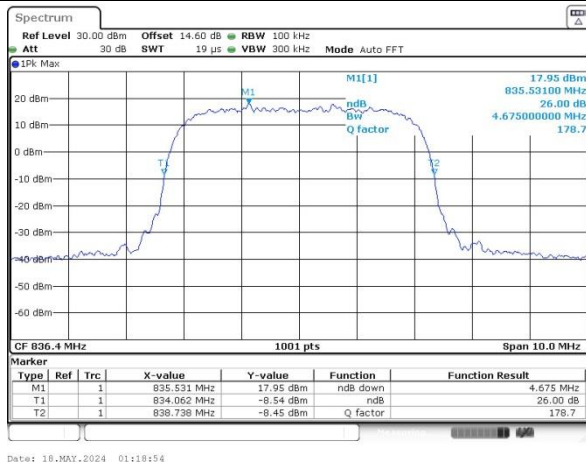


WCDMA Band II (RMC 12.2Kbps)

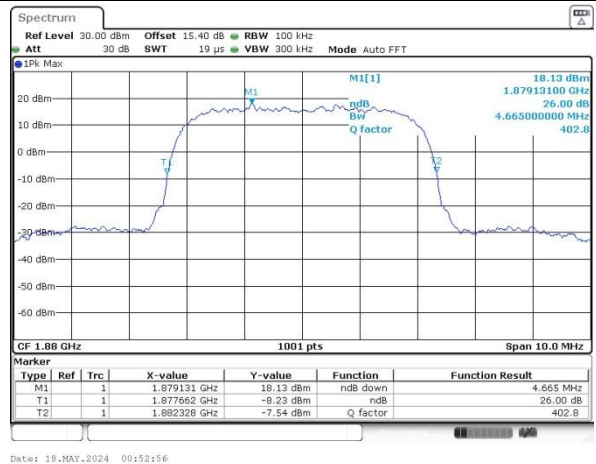
Lowest Channel



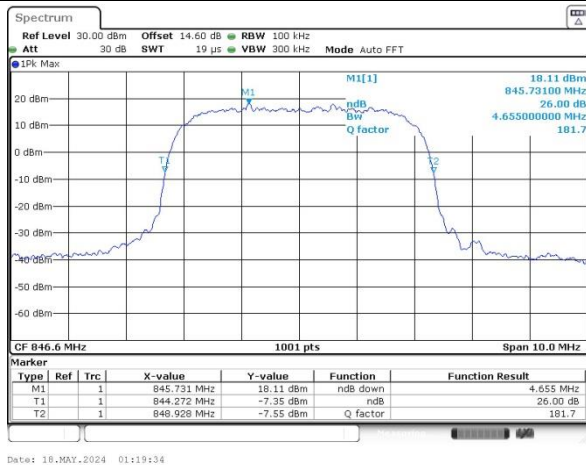
Middle Channel



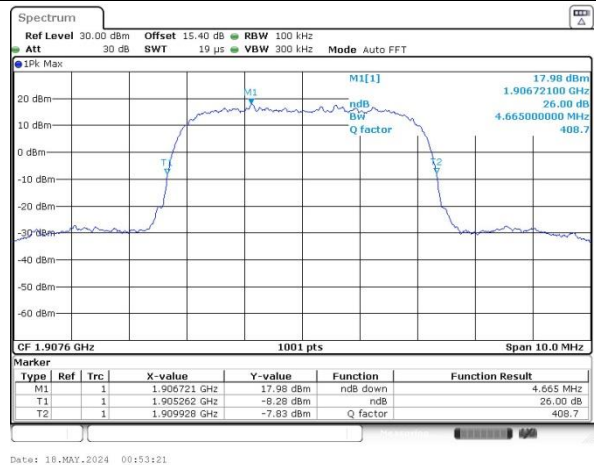
Middle Channel



Highest Channel



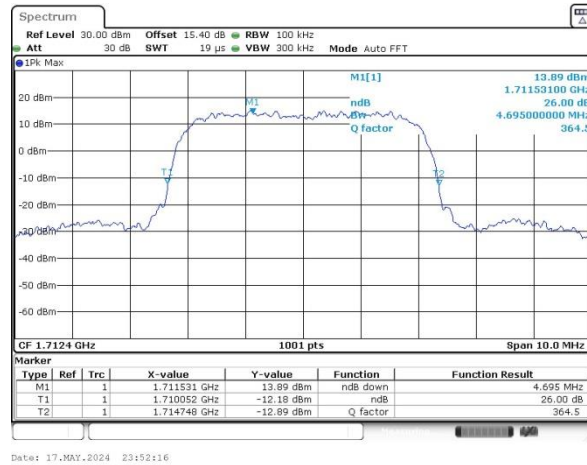
Highest Channel



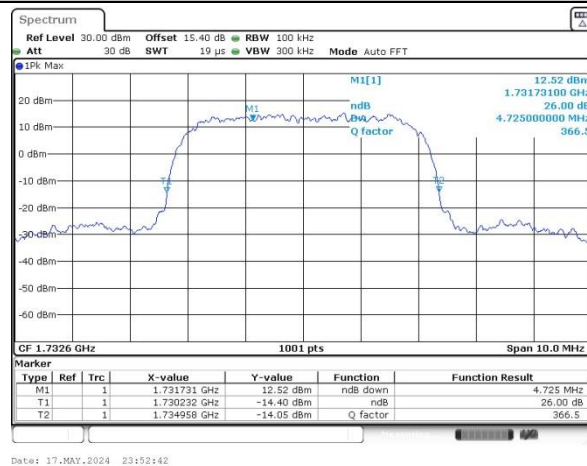


WCDMA Band IV (RMC 12.2Kbps)

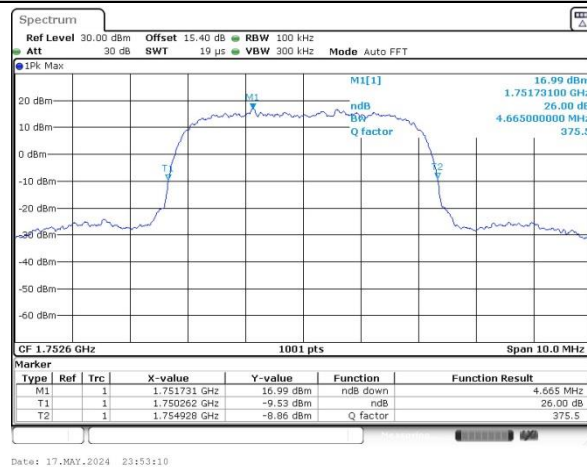
Lowest Channel



Middle Channel



Highest Channel





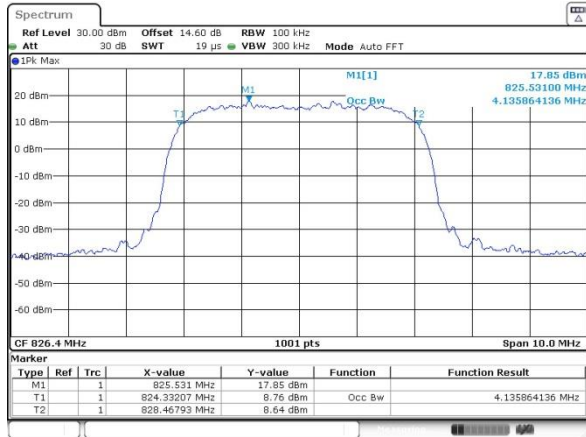
Occupied Bandwidth

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



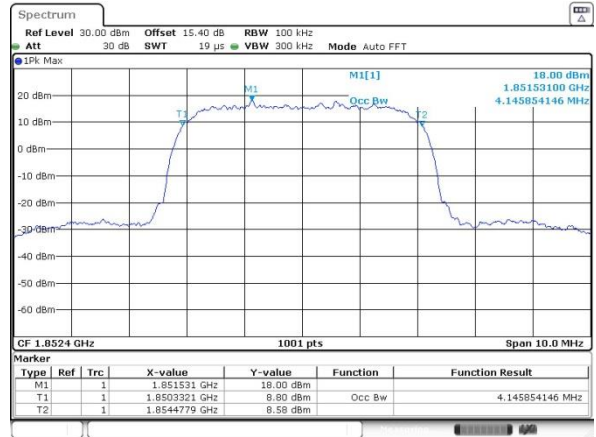
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

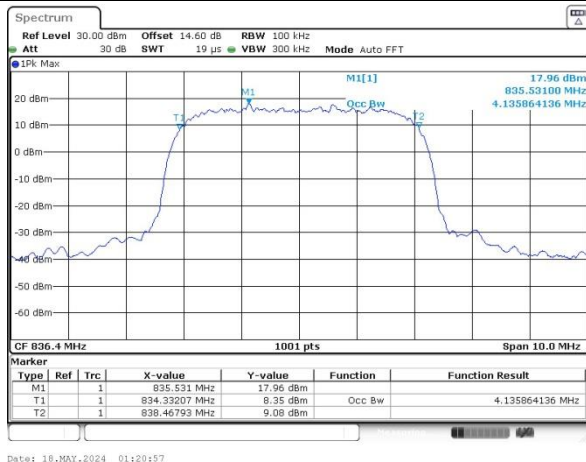


WCDMA Band II (RMC 12.2Kbps)

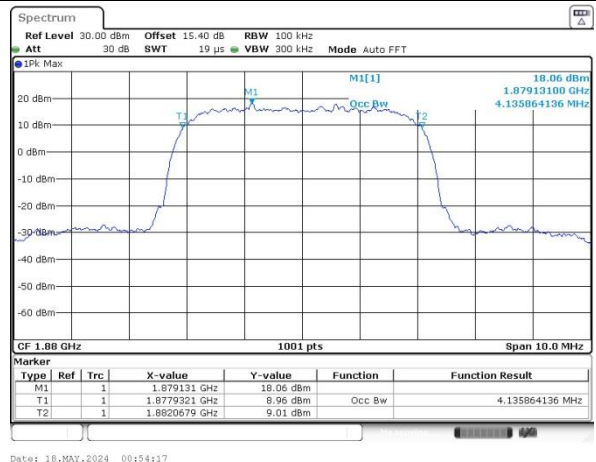
Lowest Channel



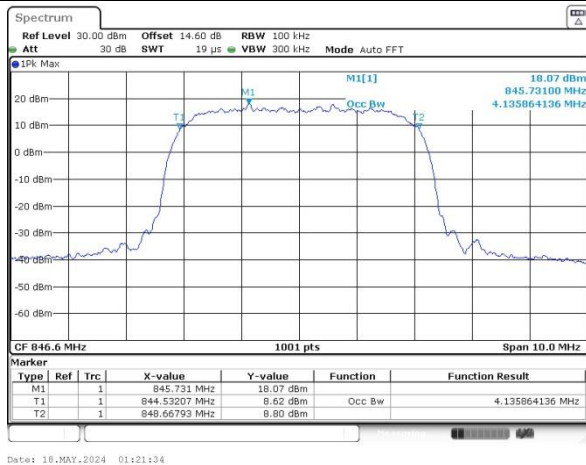
Middle Channel



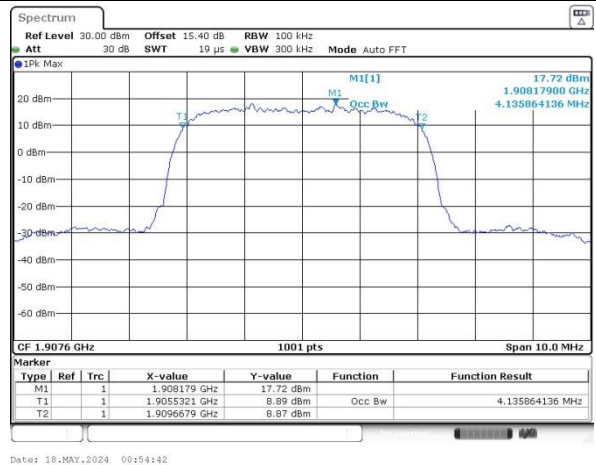
Middle Channel



Highest Channel



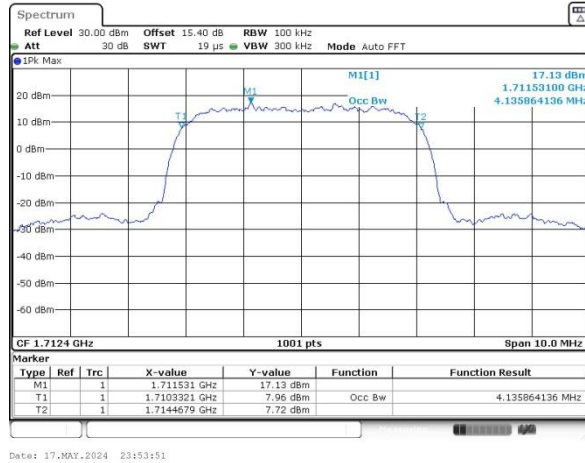
Highest Channel



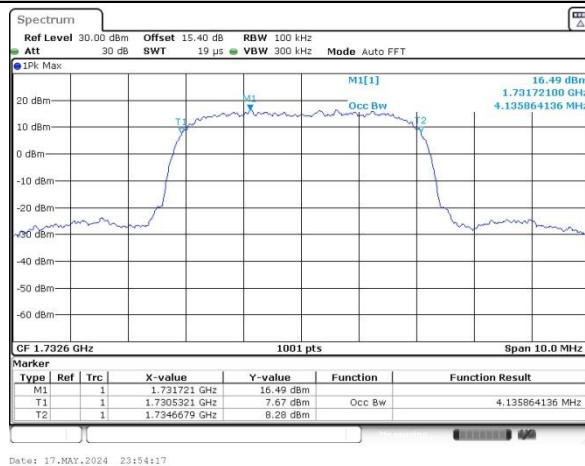


WCDMA Band IV (RMC 12.2Kbps)

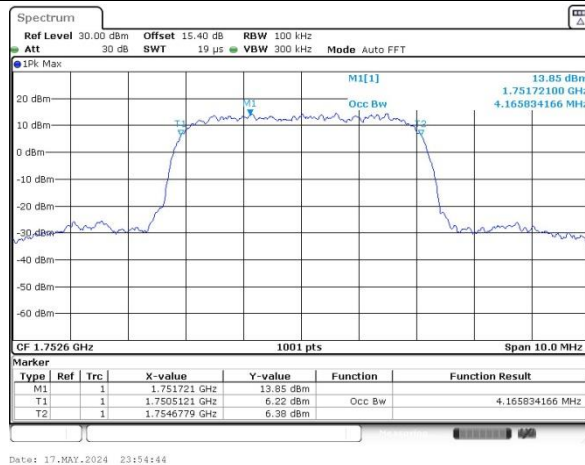
Lowest Channel

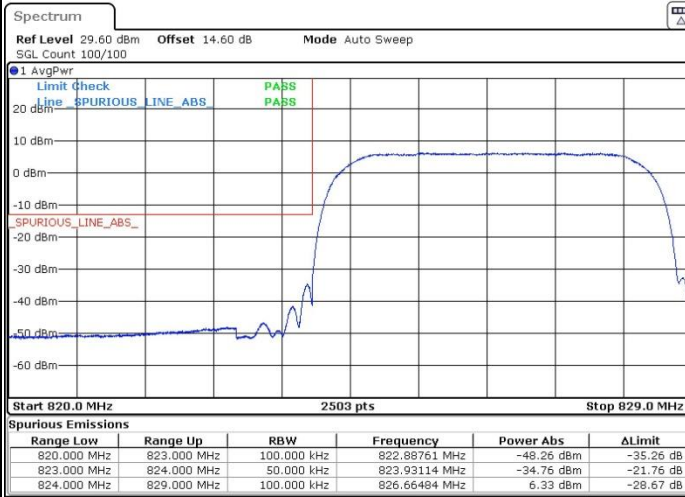
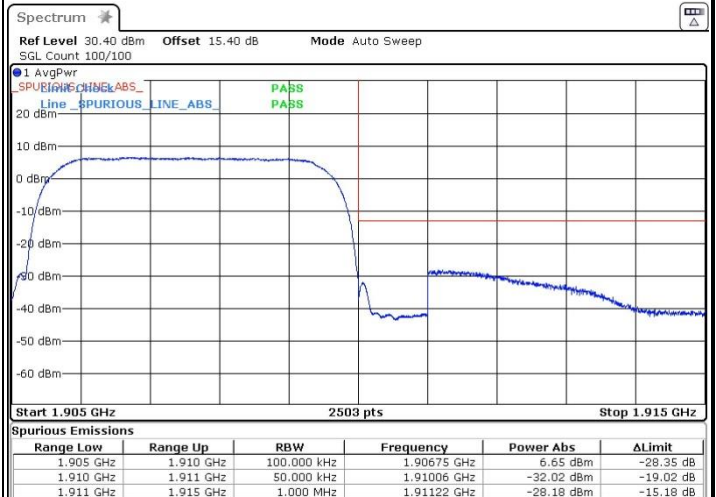


Middle Channel



Highest Channel



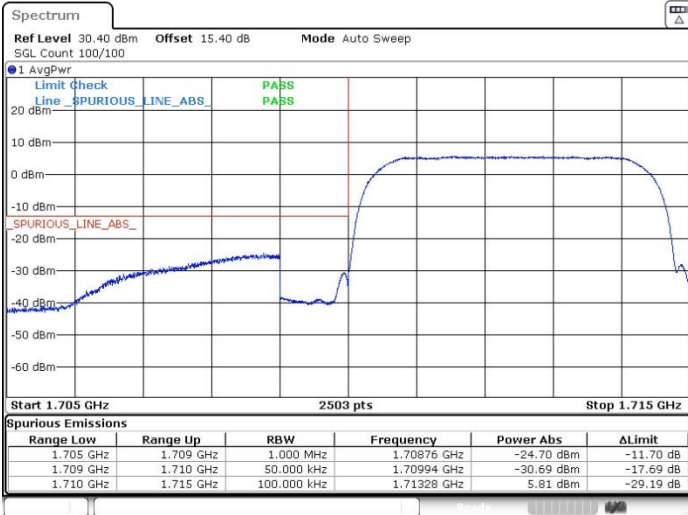
**Conducted Band Edge****WCDMA Band V (RMC 12.2Kbps)****Lowest Band Edge****Highest Band Edge****WCDMA Band II (RMC 12.2Kbps)****Lowest Band Edge****Highest Band Edge**



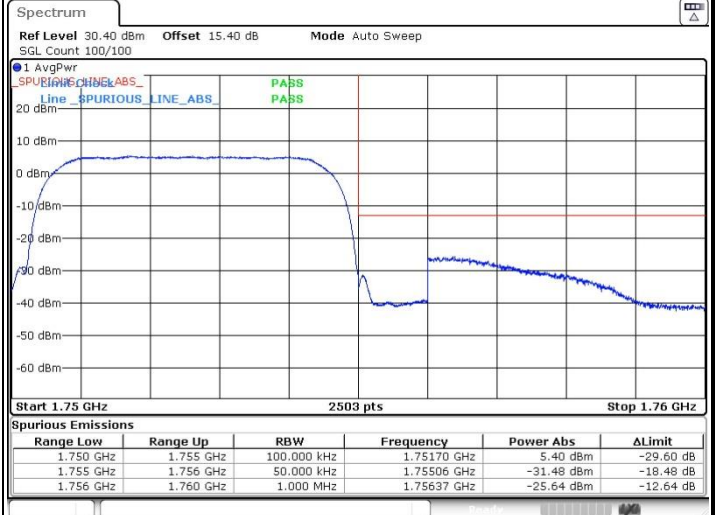
WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



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



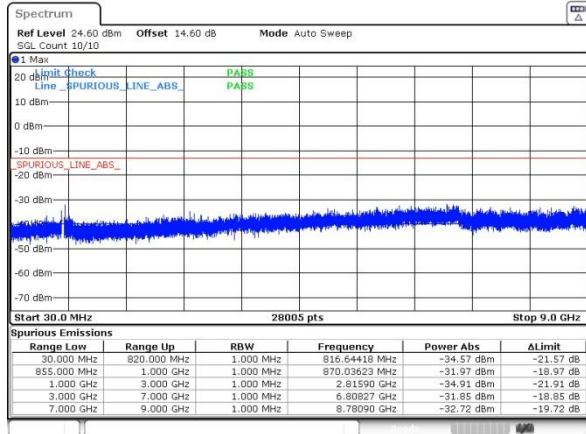
Date: 18.MAY.2024 00:01:09



Conducted Spurious Emission

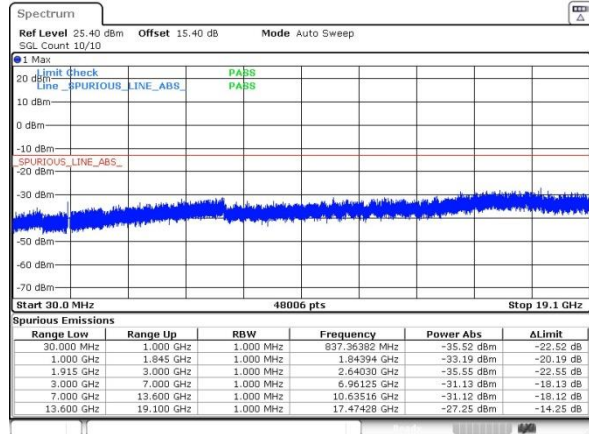
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

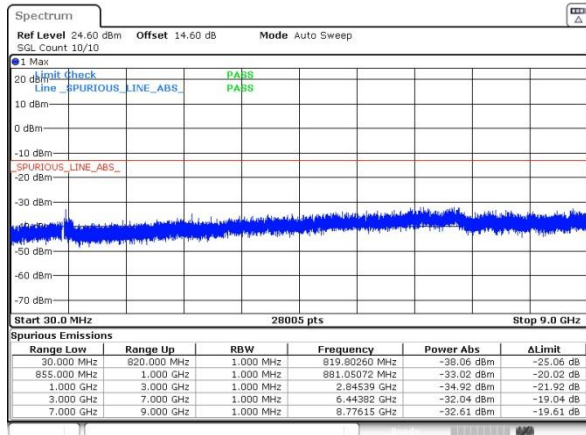


WCDMA Band II (RMC 12.2Kbps)

Lowest Channel

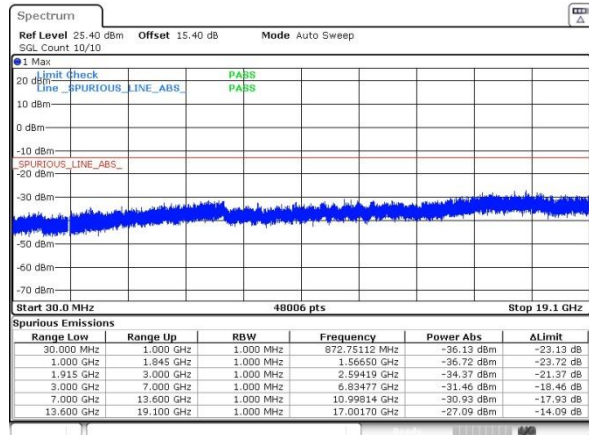


Middle Channel



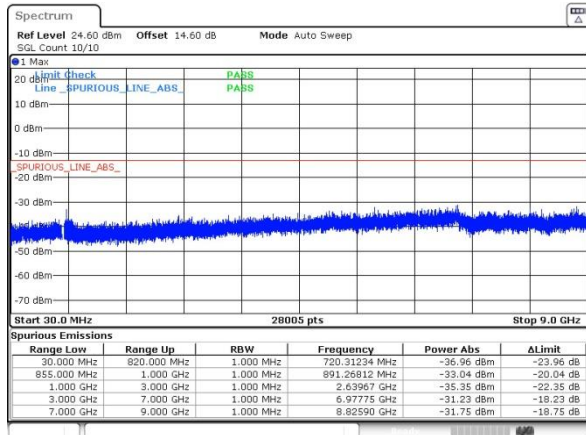
Date: 18.MAY.2024 01:32:49

Middle Channel



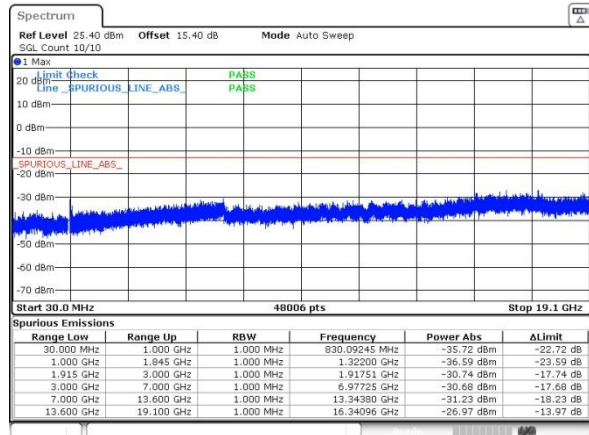
Date: 18.MAY.2024 01:04:46

Highest Channel



Date: 18.MAY.2024 01:36:16

Highest Channel

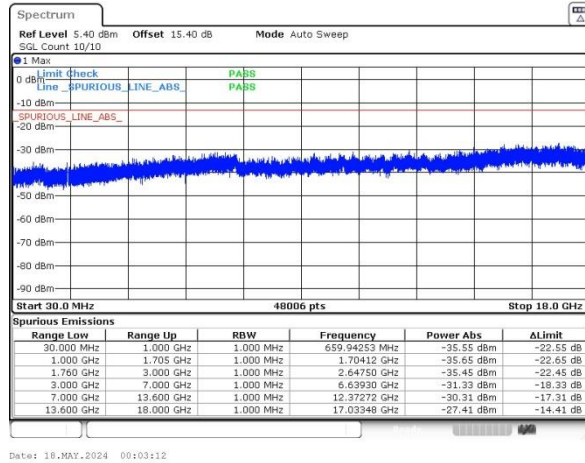


Date: 18.MAY.2024 01:08:25

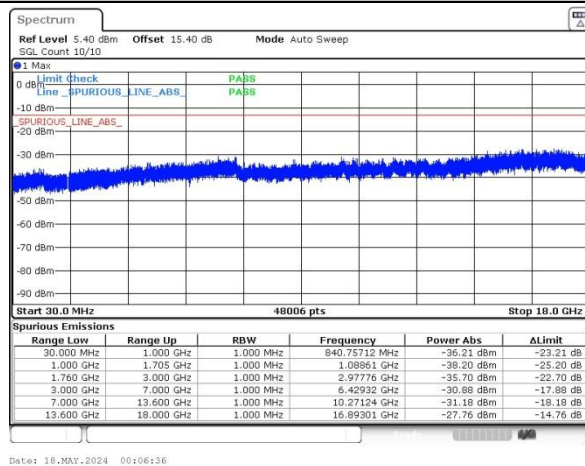


WCDMA Band IV (RMC 12.2Kbps)

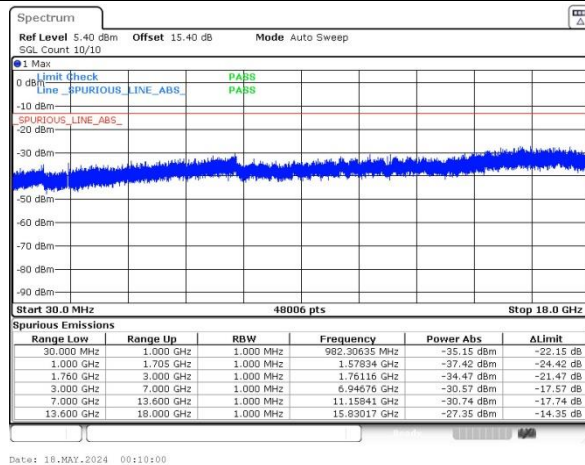
Lowest Channel



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.