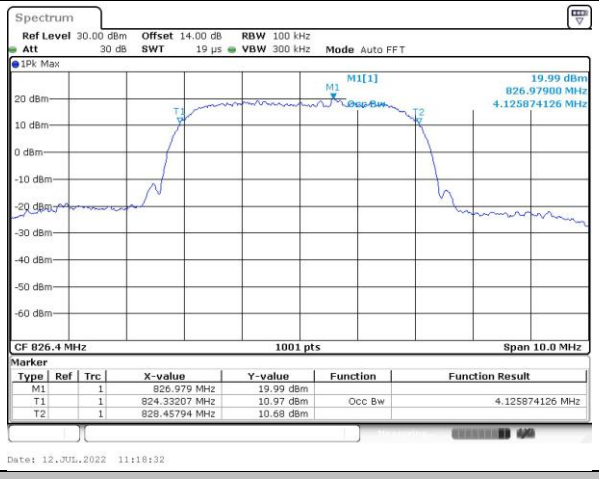
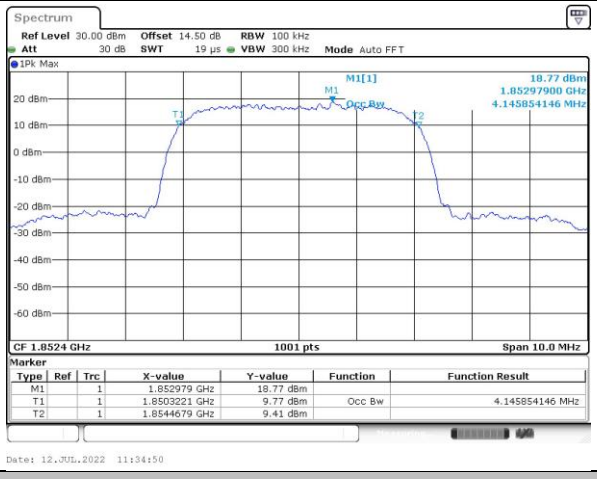
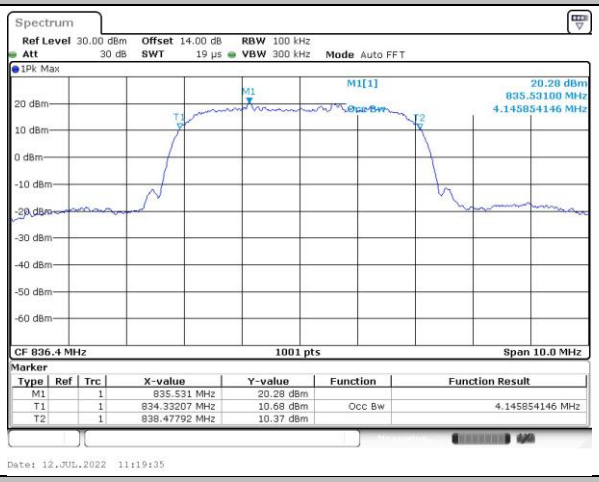
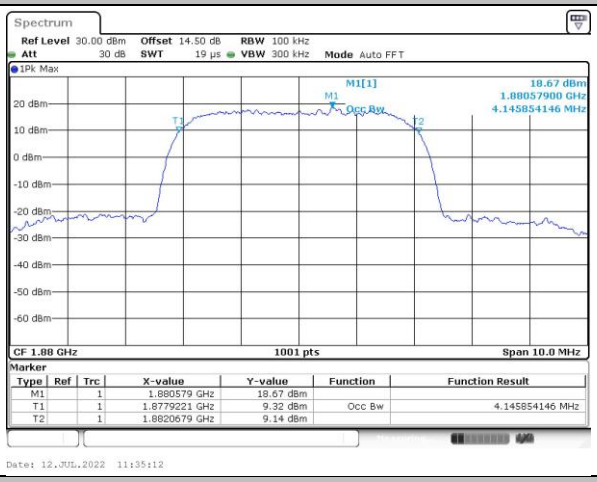
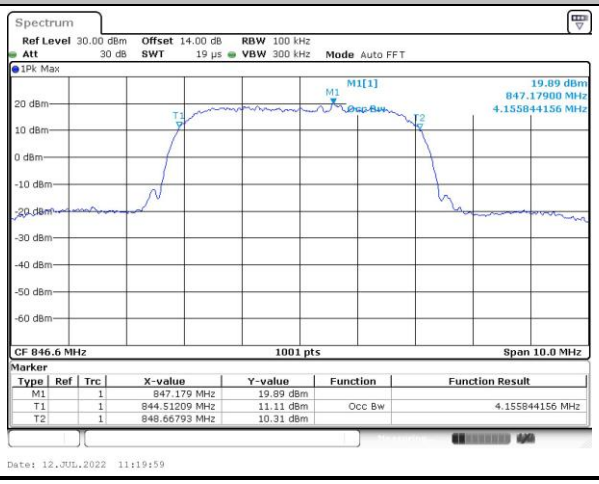
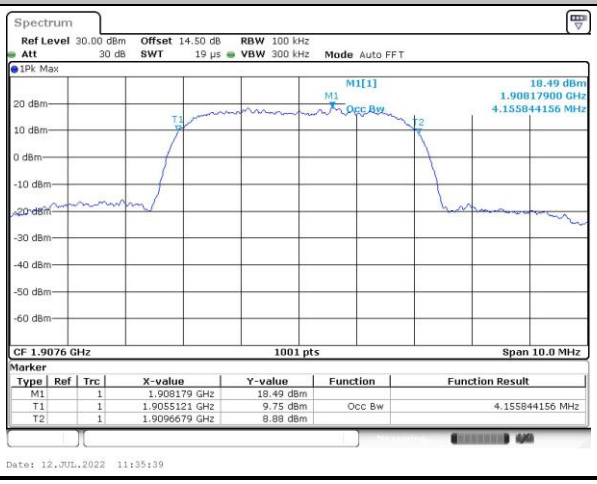
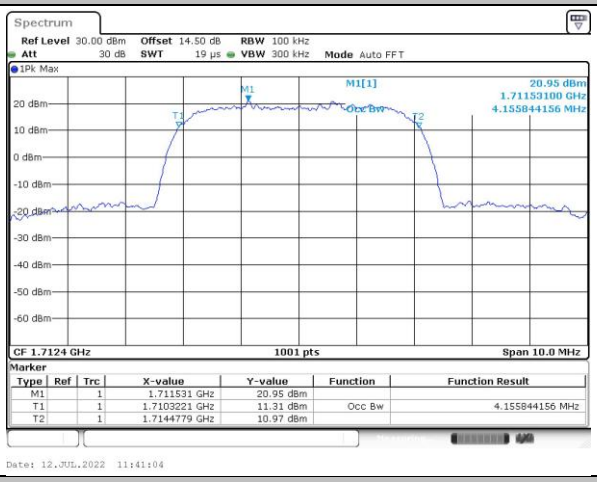
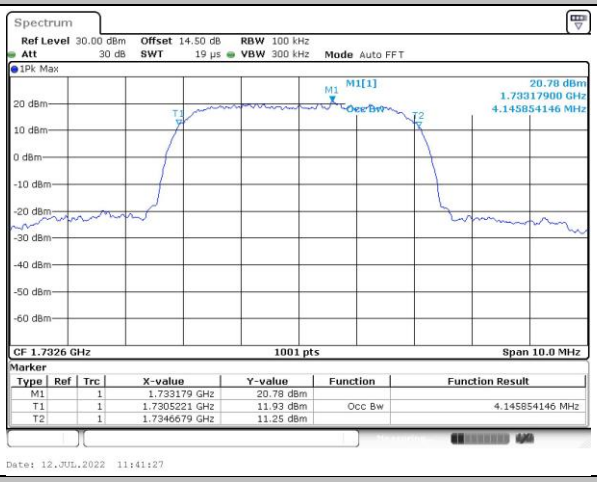
WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

WCDMA Band IV (RMC 12.2Kbps)

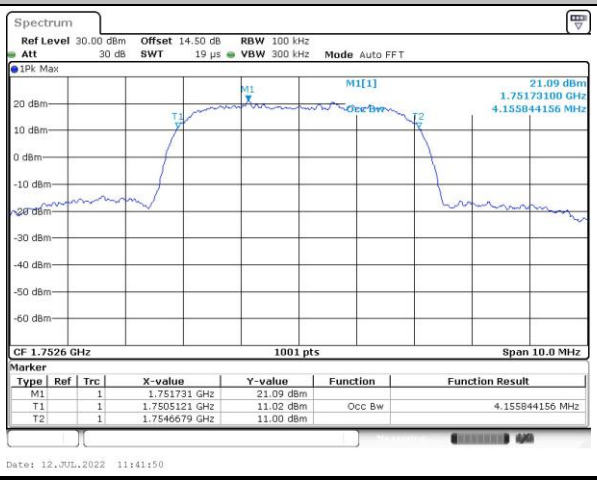
Lowest Channel



Middle Channel



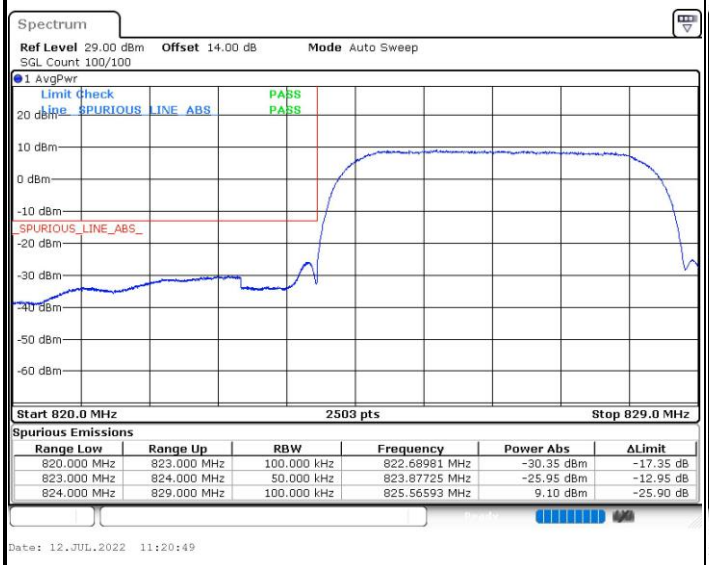
Highest Channel



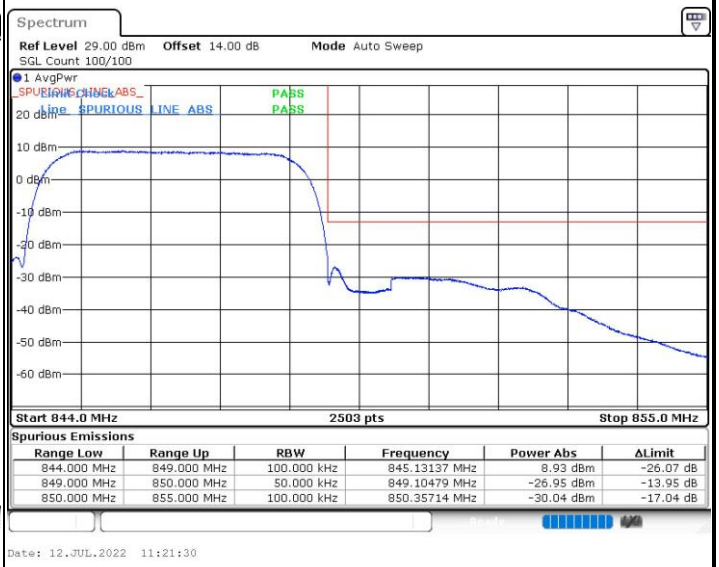
Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

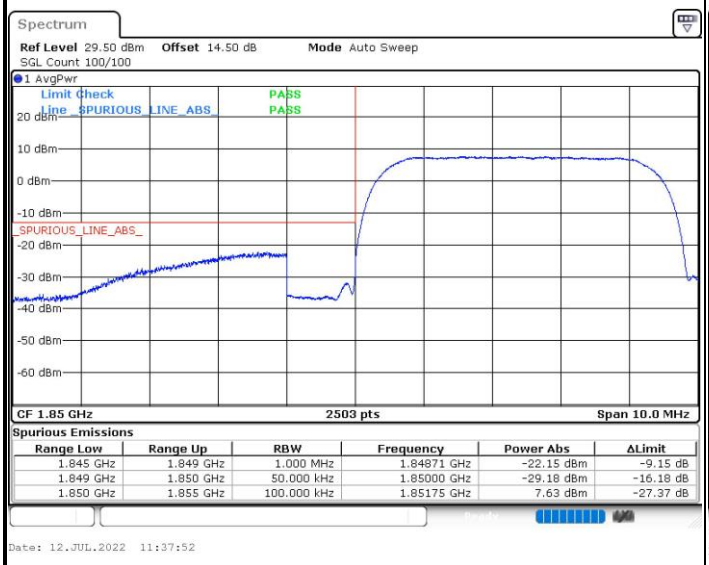


Highest Band Edge

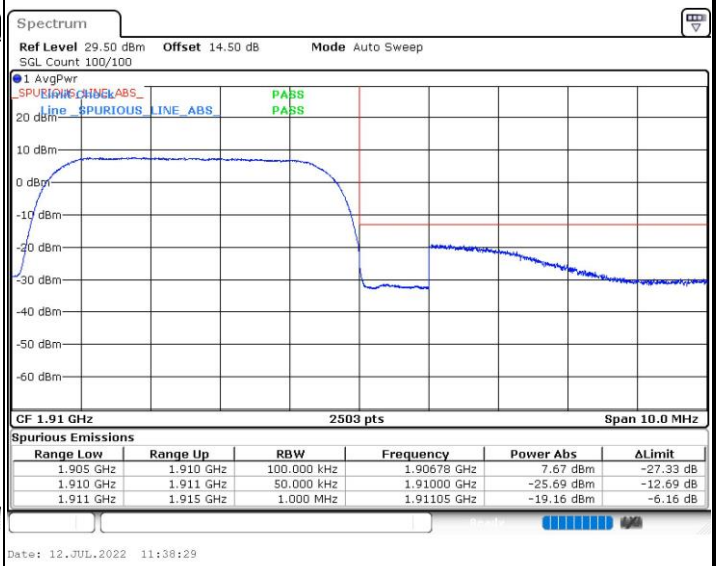


WCDMA Band II (RMC 12.2Kbps)

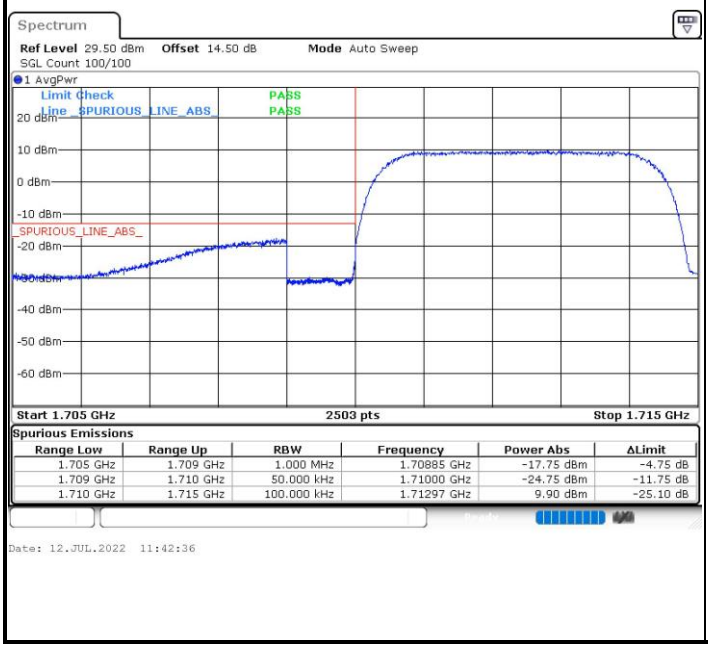
Lowest Band Edge

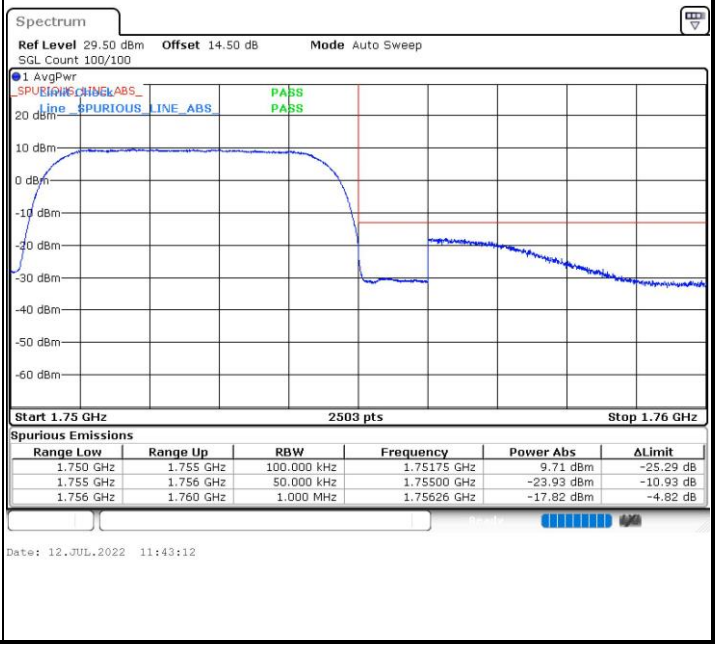


Highest Band Edge



WCDMA Band IV (RMC 12.2Kbps)	
Lowest Band Edge	**Highest Band Edge**

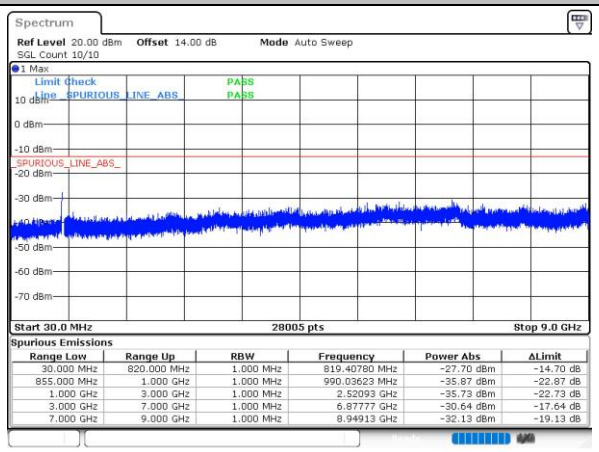




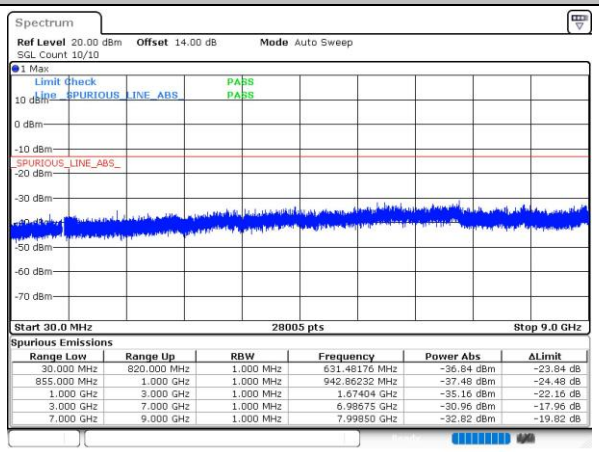
Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

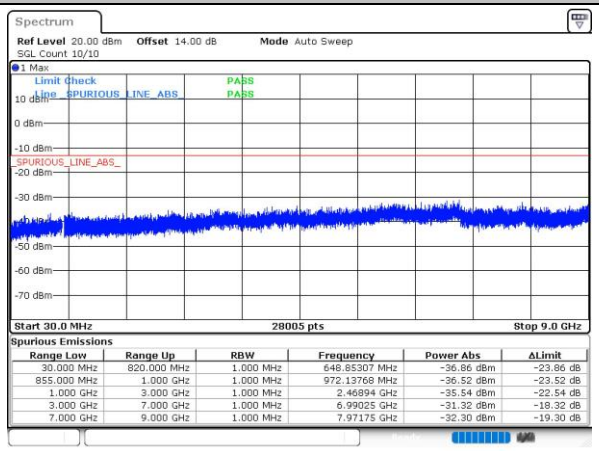
Lowest Channel



Middle Channel

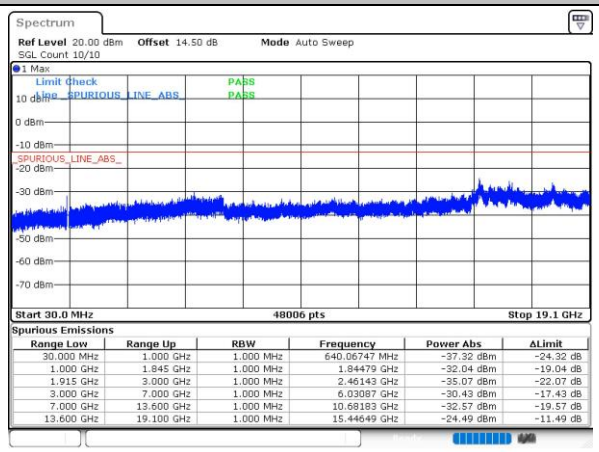


Highest Channel

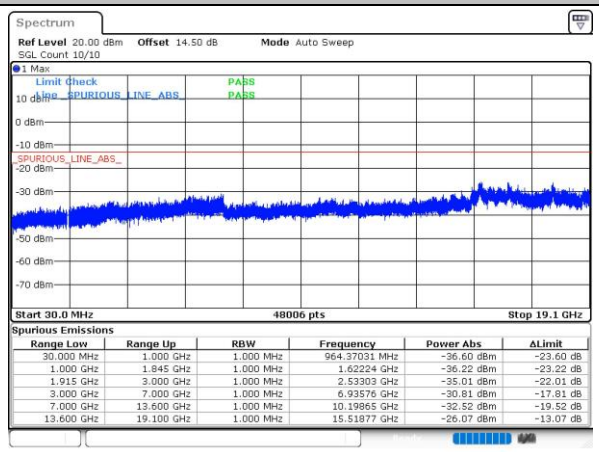


WCDMA Band II (RMC 12.2Kbps)

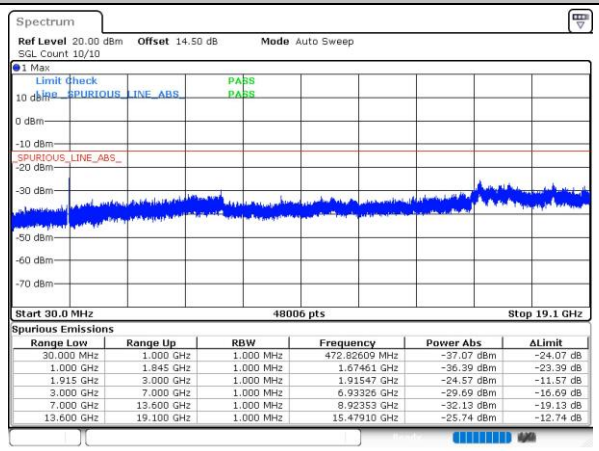
Lowest Channel



Middle Channel

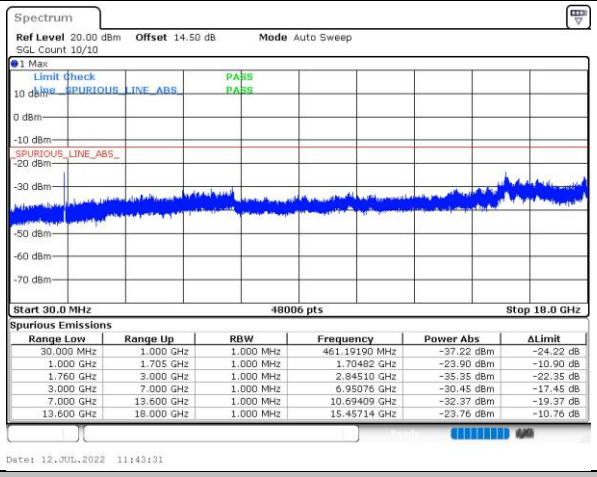


Highest Channel

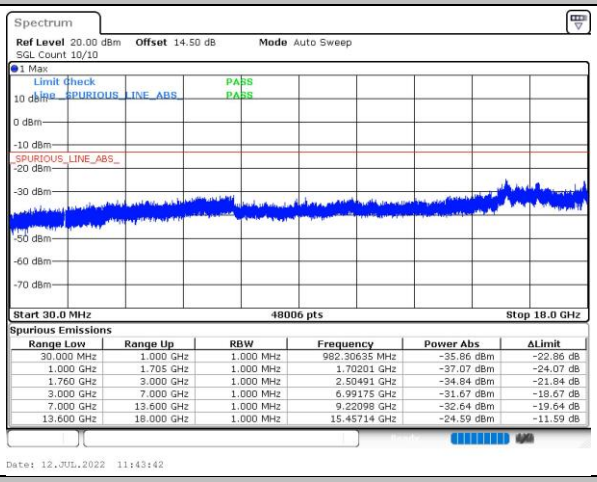


WCDMA Band IV (RMC 12.2Kbps)

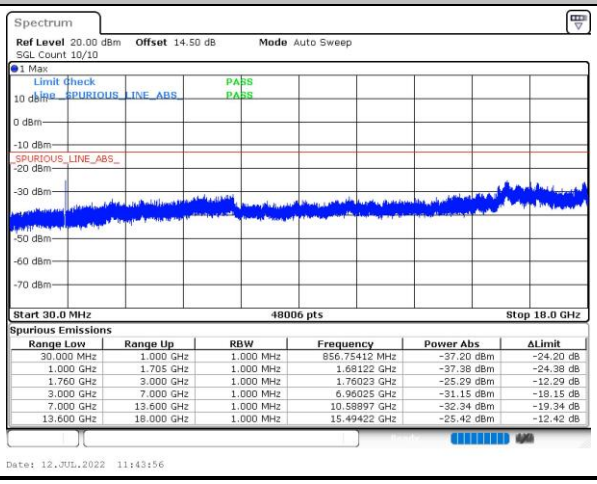
Lowest Channel



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	0.0025	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0068	
0	Normal Voltage	0.0054	
-10	Normal Voltage	0.0057	
-20	Normal Voltage	0.0073	
-30	Normal Voltage	0.0062	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0059	PASS
40	Normal Voltage	0.0055	
30	Normal Voltage	0.0043	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0054	
0	Normal Voltage	0.0067	
-10	Normal Voltage	0.0065	
-20	Normal Voltage	0.0062	
-30	Normal Voltage	0.0060	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0043	

Note:

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.45 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	0.0008	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0062	
-10	Normal Voltage	0.0076	
-20	Normal Voltage	0.0078	
-30	Normal Voltage	0.0073	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.45 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 :	Wenbo Xiao	Temperature :	22~25℃
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for all the supported antennas, choose the worst antenna perform final test and record in the report.

GSM850 (GSM) (ANT11)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-67.37	-13	-54.37	-74.19	-70.62	4.00	9.40	H
	2509.2	-57.11	-13	-44.11	-68.80	-60.68	4.88	10.60	H
	3345.6	-61.65	-13	-48.65	-76.53	-66.58	5.52	12.60	H
	1672.8	-64.02	-13	-51.02	-71.03	-67.27	4.00	9.40	V
	2509.2	-63.12	-13	-50.12	-74.93	-66.69	4.88	10.60	V
	3345.6	-61.11	-13	-48.11	-76.01	-66.04	5.52	12.60	V

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

GSM850 (EDGE 1 Tx slots) (ANT11)									
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	-67.55	-13	-54.55	-74.37	-70.80	4.00	9.40	H
	2509.2	-57.55	-13	-44.55	-69.24	-61.12	4.88	10.60	H
	3345.6	-60.45	-13	-47.45	-75.33	-65.38	5.52	12.60	H
	1672.8	-65.05	-13	-52.05	-72.06	-68.30	4.00	9.40	V
	2509.2	-63.77	-13	-50.77	-75.58	-67.34	4.88	10.60	V
	3345.6	-62.20	-13	-49.20	-77.10	-67.13	5.52	12.60	V

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

GSM1900 (GSM) (ANT14)									
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	-61.13	-13	-48.13	-77.82	-67.88	5.85	12.60	H
	5640	-59.14	-13	-46.14	-79.31	-64.94	7.30	13.10	H
	7520	-55.83	-13	-42.83	-79.52	-58.98	8.35	11.50	H
	3760	-61.42	-13	-48.42	-77.67	-68.17	5.85	12.60	V
	5640	-60.43	-13	-47.43	-79.39	-66.23	7.30	13.10	V
	7520	-55.18	-13	-42.18	-79.29	-58.33	8.35	11.50	V

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

GSM1900 (EDGE 1 Tx slots) (ANT14)									
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	-61.16	-13	-48.16	-77.85	-67.91	5.85	12.60	H
	5640	-59.66	-13	-46.66	-79.83	-65.46	7.30	13.10	H
	7520	-55.79	-13	-42.79	-79.48	-58.94	8.35	11.50	H
	3760	-61.47	-13	-48.47	-77.72	-68.22	5.85	12.60	V
	5640	-60.47	-13	-47.47	-79.43	-66.27	7.30	13.10	V
	7520	-55.38	-13	-42.38	-79.49	-58.53	8.35	11.50	V

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

WCDMA Band II (RMC 12.2Kbps) (ANT14)									
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	-61.26	-13	-48.26	-77.95	-68.01	5.85	12.60	H
	5640	-59.41	-13	-46.41	-79.58	-65.21	7.30	13.10	H
	7520	-56.00	-13	-43.00	-79.69	-59.15	8.35	11.50	H
	3760	-61.60	-13	-48.60	-77.85	-68.35	5.85	12.60	V
	5640	-60.59	-13	-47.59	-79.55	-66.39	7.30	13.10	V
	7520	-55.60	-13	-42.60	-79.71	-58.75	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) (ANT11)									
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	-67.45	-13	-54.45	-74.27	-70.70	4.00	9.40	H
	2509.2	-64.29	-13	-51.29	-75.98	-67.86	4.88	10.60	H
	3345.6	-62.66	-13	-49.66	-77.54	-67.59	5.52	12.60	H
	1672.8	-67.23	-13	-54.23	-74.24	-70.48	4.00	9.40	V
	2509.2	-64.40	-13	-51.40	-76.21	-67.97	4.88	10.60	V
	3345.6	-62.49	-13	-49.49	-77.39	-67.42	5.52	12.60	V

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

WCDMA Band IV(RMC 12.2Kbps) (ANT14)									
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	3465.2	-62.50	-13	-49.50	-77.74	-69.35	5.65	12.50	H
	5197.8	-60.74	-13	-47.74	-80.35	-66.41	7.13	12.80	H
	6930.4	-58.98	-13	-45.98	-81.13	-62.38	8.40	11.80	H
	3465.2	-62.45	-13	-49.45	-77.72	-69.30	5.65	12.50	V
	5197.8	-60.59	-13	-47.59	-79.82	-66.26	7.13	12.80	V
	6930.4	-57.76	-13	-44.76	-80.2	-61.16	8.40	11.80	V

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