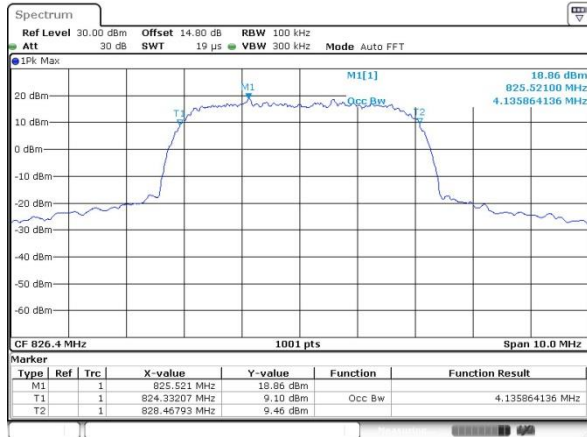




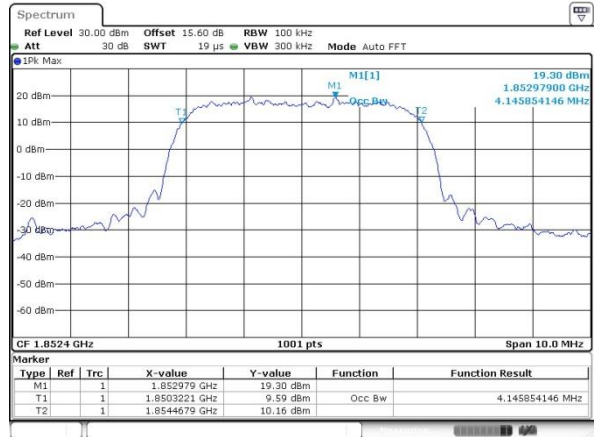
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

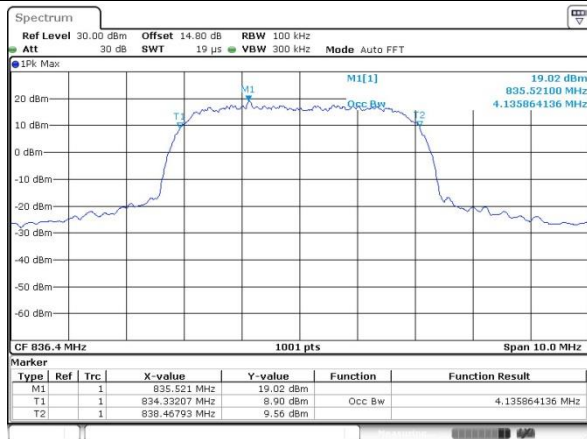


WCDMA Band II (RMC 12.2Kbps)

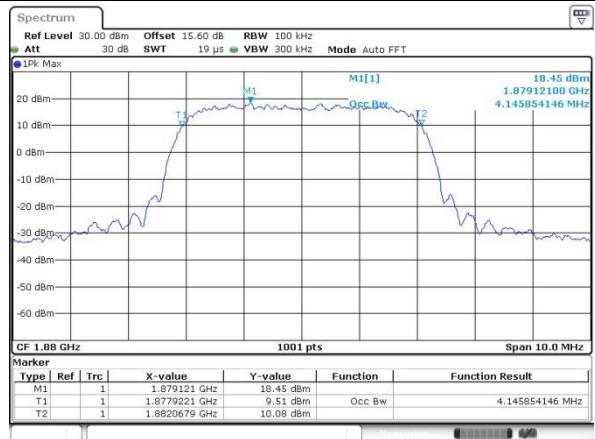
Lowest Channel



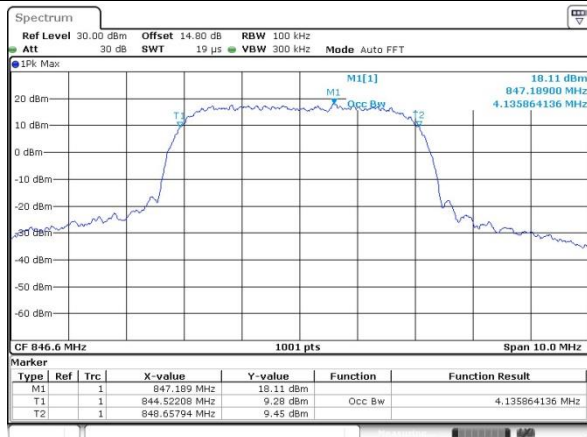
Middle Channel



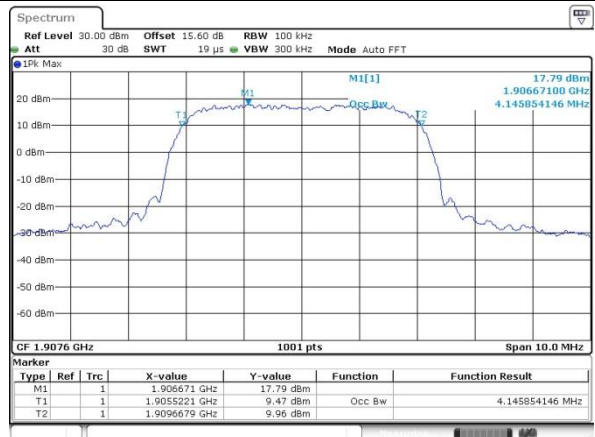
Middle Channel

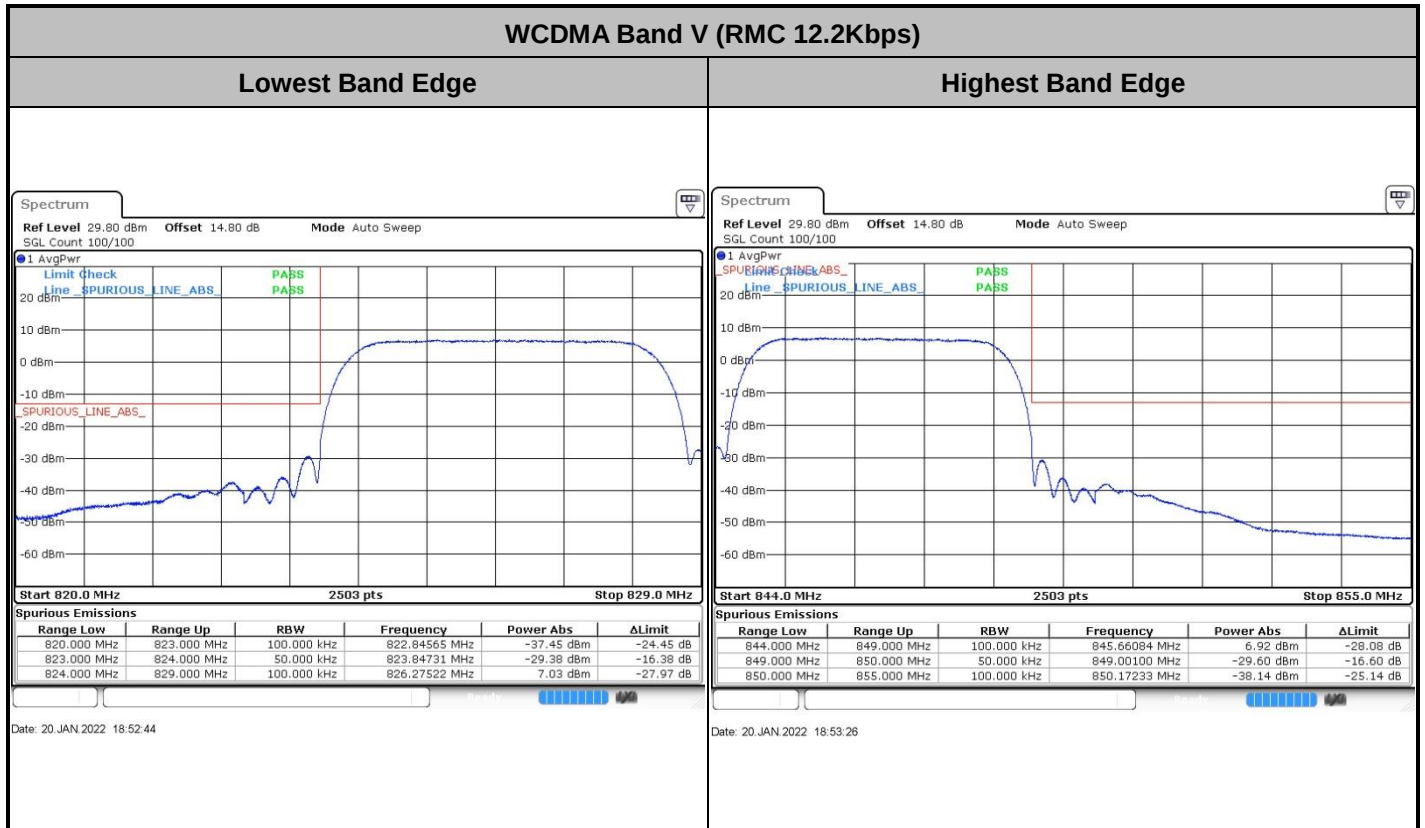


Highest Channel



Highest Channel

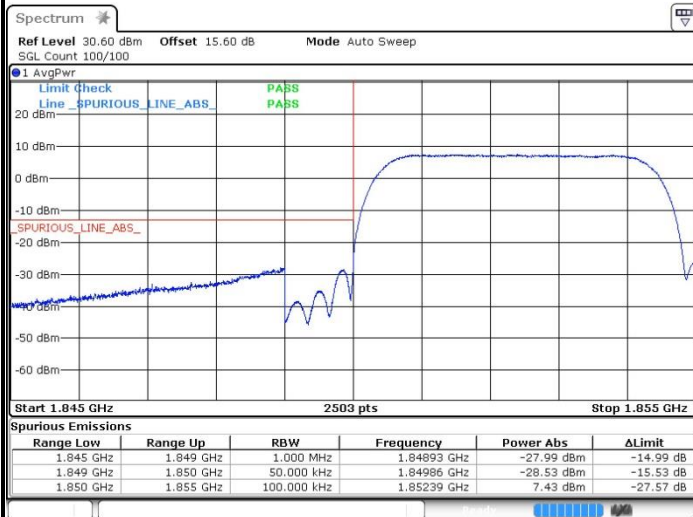


**Conducted Band Edge**



WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

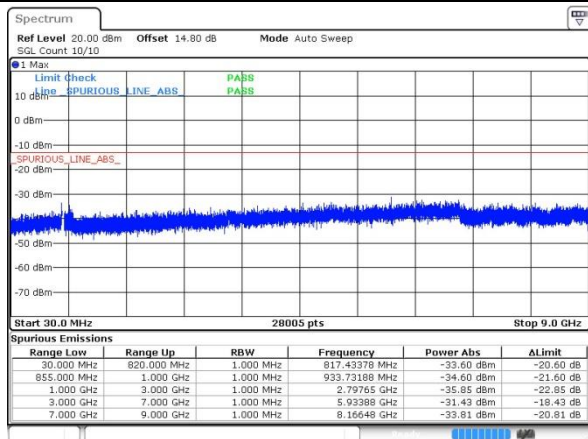




Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

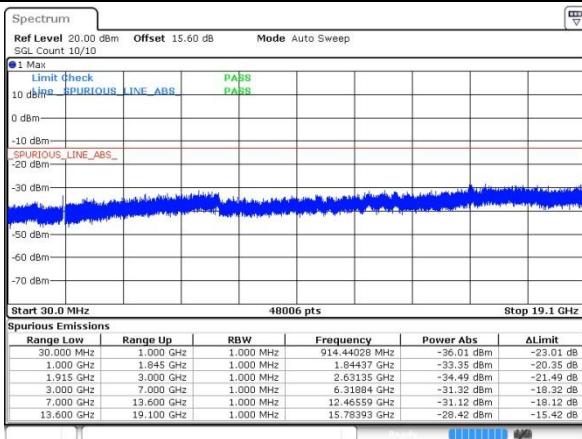
Lowest Channel



Date: 20 JAN 2022 18:53:56

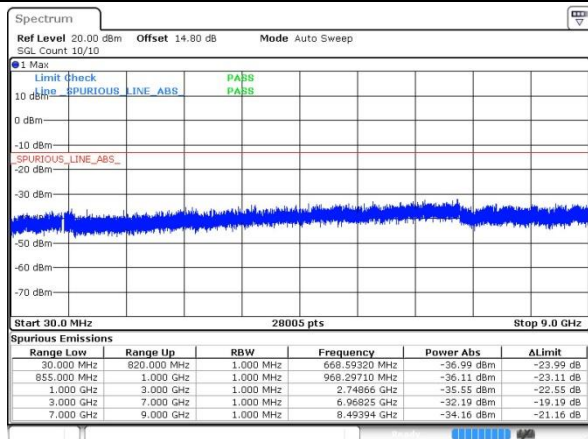
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



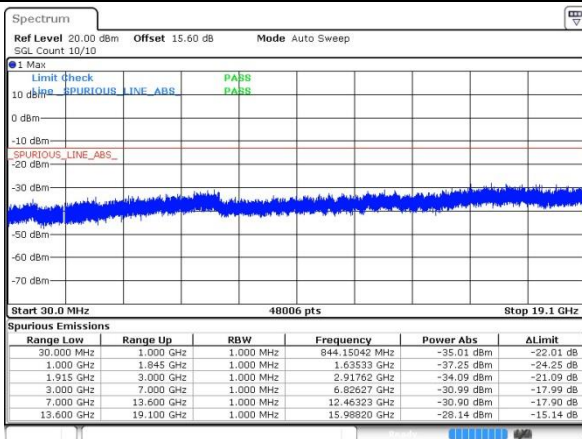
Date: 20 JAN 2022 18:41:06

Middle Channel



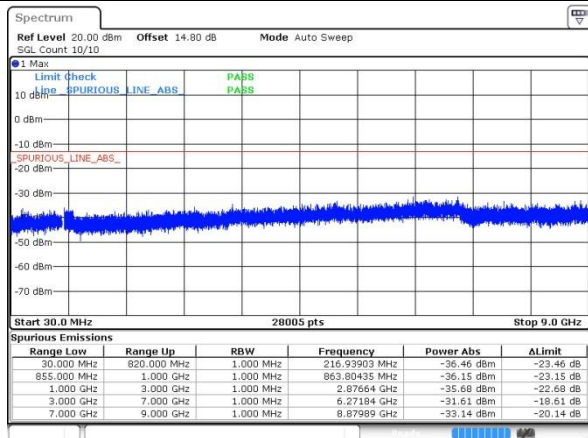
Date: 20 JAN 2022 18:54:19

Middle Channel



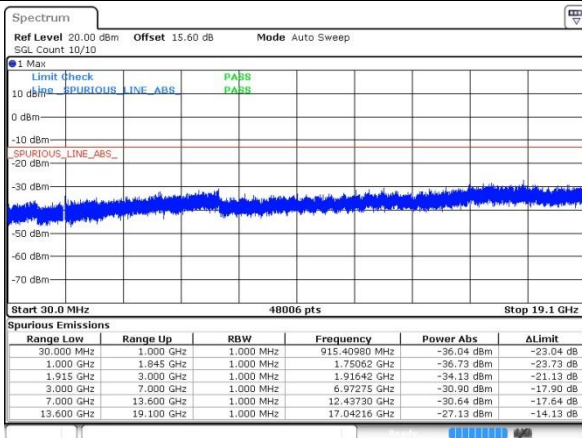
Date: 20 JAN 2022 18:41:49

Highest Channel



Date: 20 JAN 2022 18:54:44

Highest Channel



Date: 20 JAN 2022 18:42:32

**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	0.0057	PASS
40	Normal Voltage	0.0047	
30	Normal Voltage	0.0051	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0063	
-20	Normal Voltage	0.0053	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0052	
20	Battery End Point	0.0061	

Note: Normal Voltage = 3.87V ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.45V



Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0062	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0033	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0042	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0052	
20	Maximum Voltage	0.0043	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage = 3.87V ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.45V
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 :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

GSM850 (GSM)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-44.90	-13	-31.90	-51.87	1.58	10.70	H
	2510	-54.83	-13	-41.83	-63.08	2.102	12.50	H
	3348	-59.31	-13	-46.31	-68.20	2.856	13.90	H
	1672	-45.05	-13	-32.05	-52.02	1.58	10.70	V
	2510	-53.19	-13	-40.19	-61.44	2.10	12.50	V
	3348	-59.86	-13	-46.86	-68.75	2.86	13.90	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-57.82	-13	-44.82	-64.79	1.58	10.70	H
	2512	-53.60	-13	-40.60	-61.85	2.102	12.50	H
	3344	-59.47	-13	-46.47	-68.36	2.856	13.90	H
	1672	-54.78	-13	-41.78	-61.75	1.58	10.70	V
	2512	-51.68	-13	-38.68	-59.93	2.10	12.50	V
	3344	-58.57	-13	-45.57	-67.46	2.86	13.90	V

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

GSM1900 (GSM)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3765	-53.56	-13	-40.56	-65.82	2.64	14.90	H
	5640	-49.87	-13	-36.87	-61.73	2.94	14.80	H
	7515	-52.87	-13	-39.87	-62.64	3.39	13.16	H
	3765	-54.94	-13	-41.94	-67.20	2.64	14.90	V
	5640	-47.44	-13	-34.44	-59.30	2.94	14.80	V
	7515	-52.79	-13	-39.79	-62.56	3.39	13.16	V

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



GSM1900 (EDGE 1 Tx slots)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3765	-54.26	-13	-41.26	-66.52	2.641	14.90	H
	5640	-45.68	-13	-32.68	-57.54	2.94	14.80	H
	7515	-52.90	-13	-39.90	-62.67	3.39	13.16	H
	3765	-55.78	-13	-42.78	-68.04	2.64	14.90	V
	5640	-45.22	-13	-32.22	-57.08	2.94	14.80	V
	7515	-52.92	-13	-39.92	-62.69	3.39	13.16	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-64.74	-13	-51.74	-71.71	1.58	10.70	H
	2512	-59.62	-13	-46.62	-67.87	2.102	12.50	H
	3344	-59.71	-13	-46.71	-68.60	2.856	13.90	H
	1672	-63.54	-13	-50.54	-70.51	1.58	10.70	V
	2512	-59.25	-13	-46.25	-67.50	2.10	12.50	V
	3344	-59.65	-13	-46.65	-68.54	2.86	13.90	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-56.77	-13	-43.77	-69.03	2.64	14.90	H
	5640	-53.88	-13	-40.88	-65.74	2.94	14.80	H
	7524	-52.60	-13	-39.60	-62.37	3.39	13.16	H
	3759	-56.08	-13	-43.08	-68.34	2.64	14.90	V
	5640	-54.59	-13	-41.59	-66.45	2.94	14.80	V
	7524	-52.65	-13	-39.65	-62.42	3.39	13.16	V

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