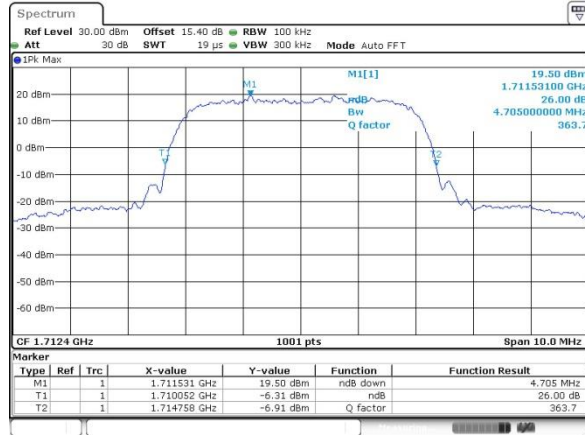


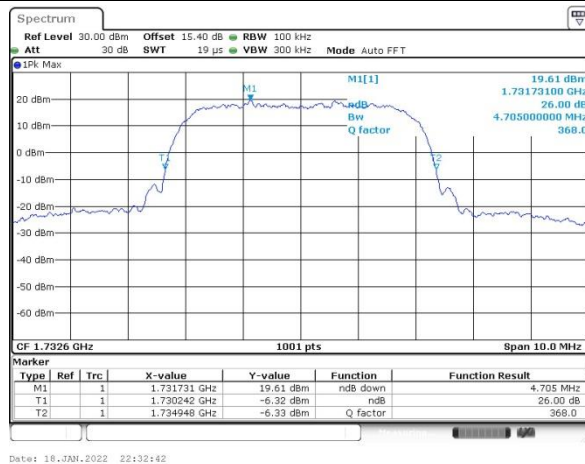


WCDMA Band IV (RMC 12.2Kbps)

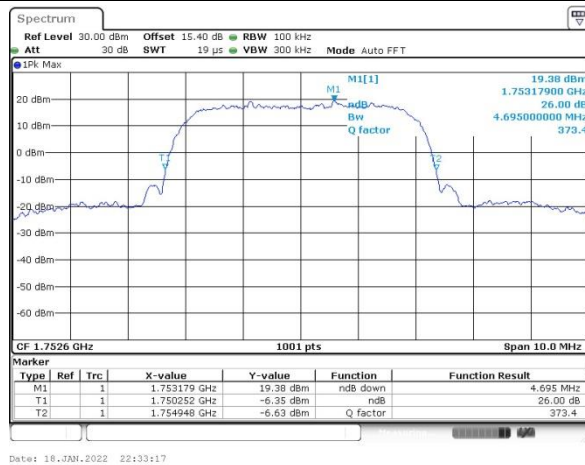
Lowest Channel



Middle Channel



Highest Channel





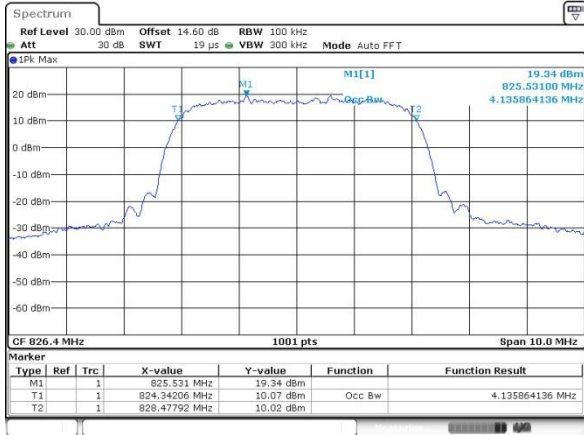
Occupied Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.14	4.15	4.14
Middle CH	4.14	4.15	4.14
Highest CH	4.14	4.14	4.14



WCDMA Band V (RMC 12.2Kbps)

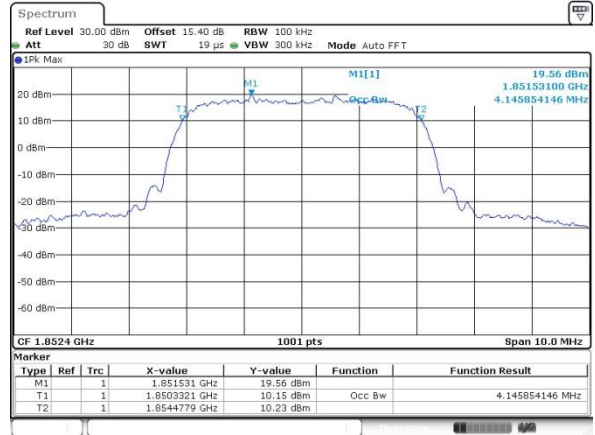
Lowest Channel



Date: 18.JAN.2022 22:52:55

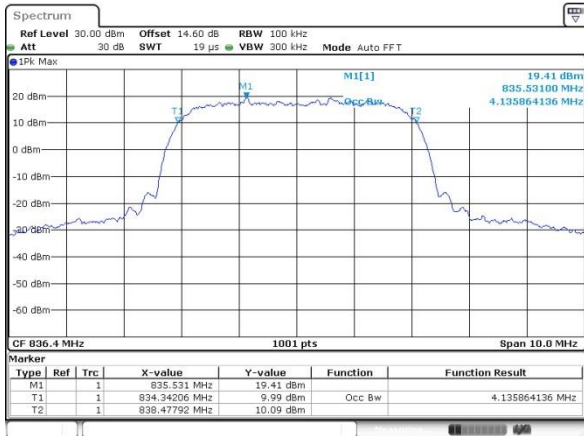
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



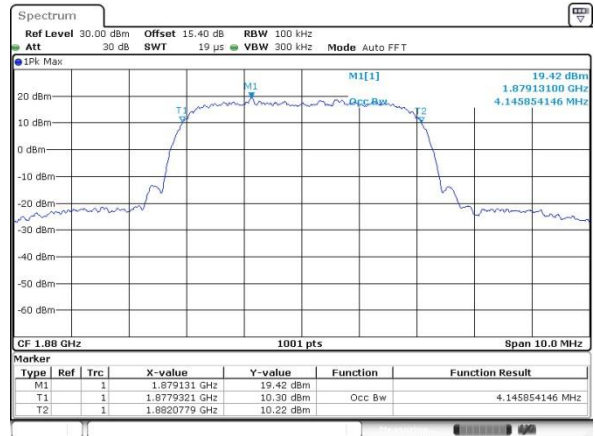
Date: 18.JAN.2022 22:19:41

Middle Channel



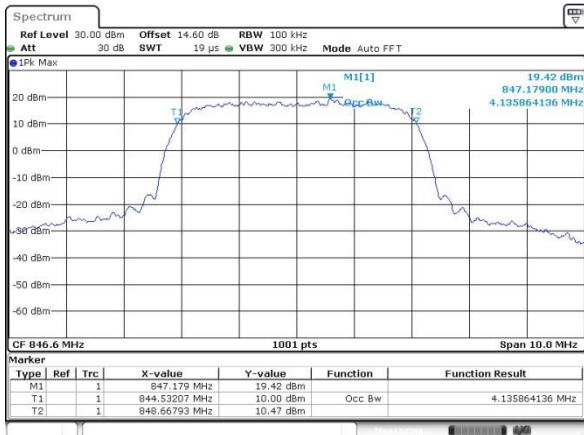
Date: 18.JAN.2022 22:53:50

Middle Channel



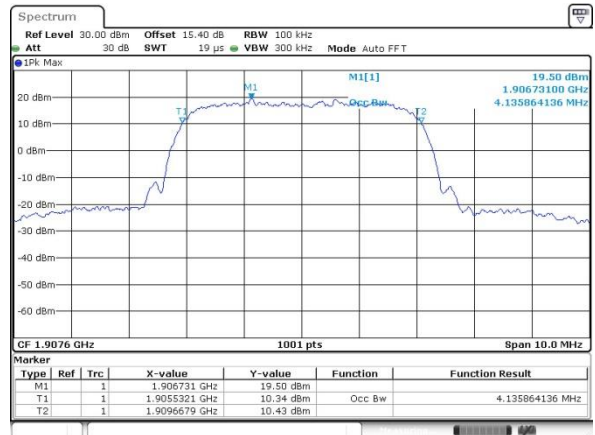
Date: 18.JAN.2022 22:20:10

Highest Channel



Date: 18.JAN.2022 22:55:00

Highest Channel

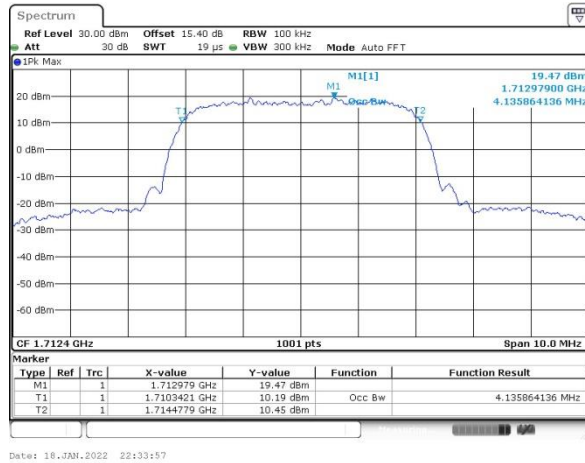


Date: 18.JAN.2022 22:20:35

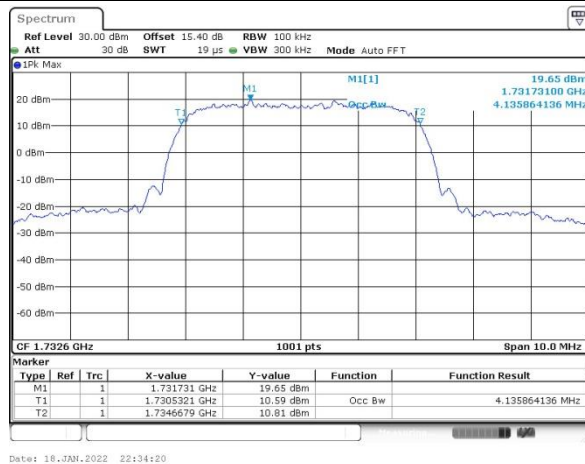


WCDMA Band IV (RMC 12.2Kbps)

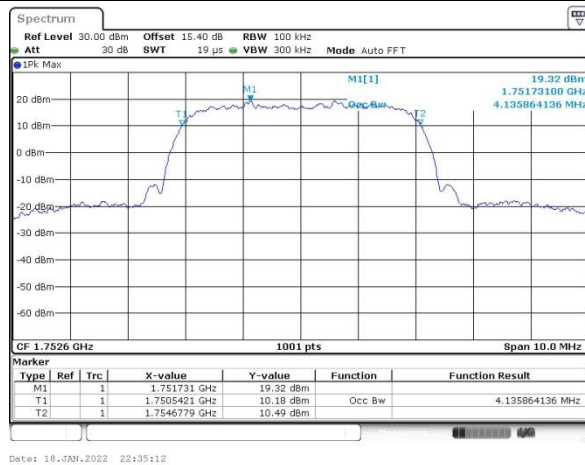
Lowest Channel



Middle Channel

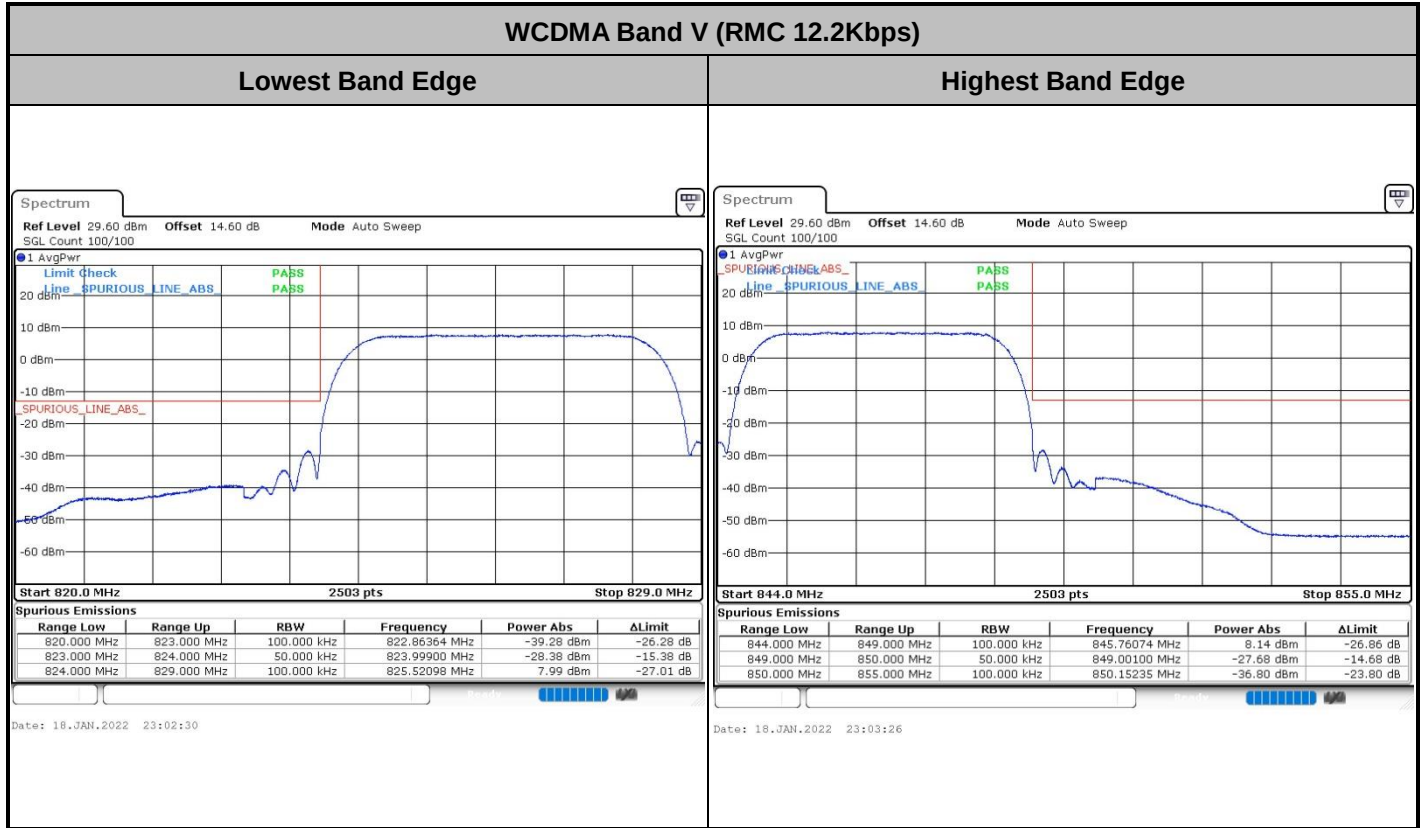


Highest Channel





Conducted Band Edge





WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



Date: 18.JAN.2022 22:22:01

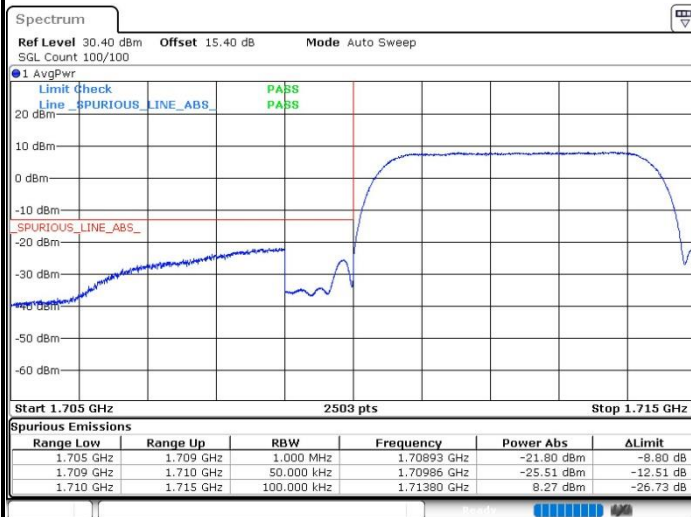


Date: 18.JAN.2022 22:22:53



WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

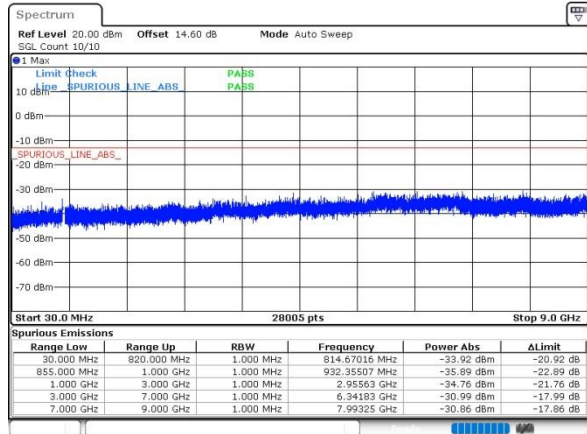




Conducted Spurious Emission

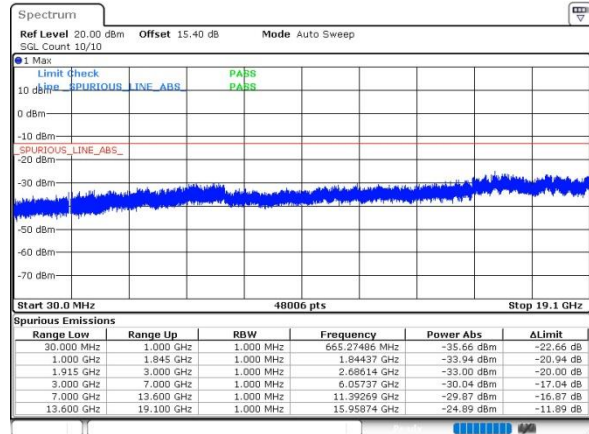
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

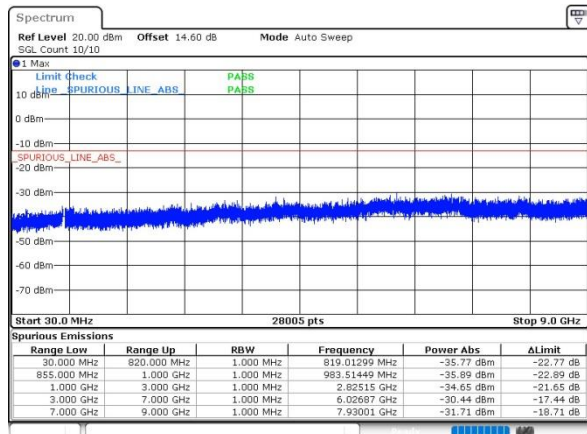


WCDMA Band II (RMC 12.2Kbps)

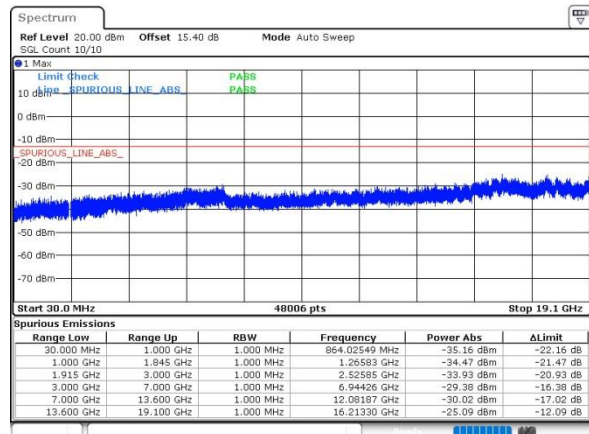
Lowest Channel



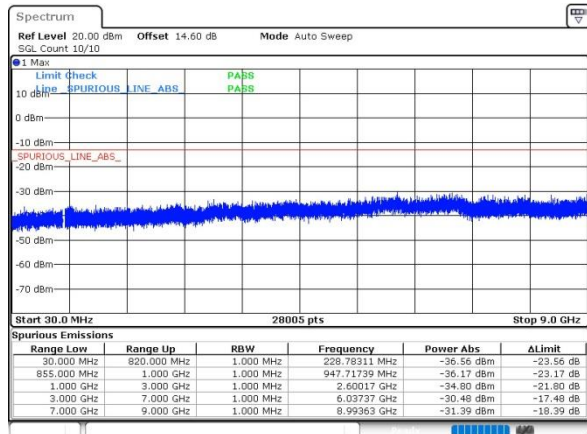
Middle Channel



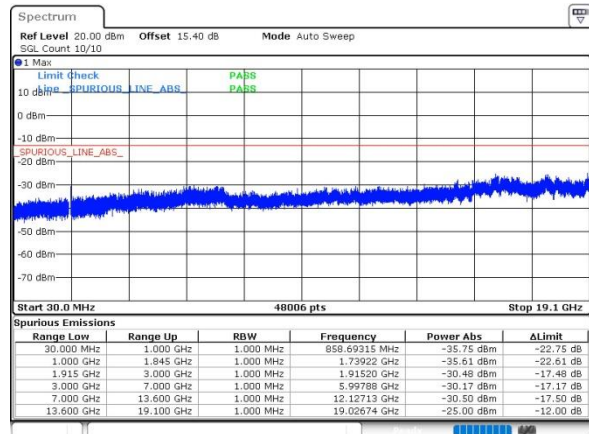
Middle Channel



Highest Channel



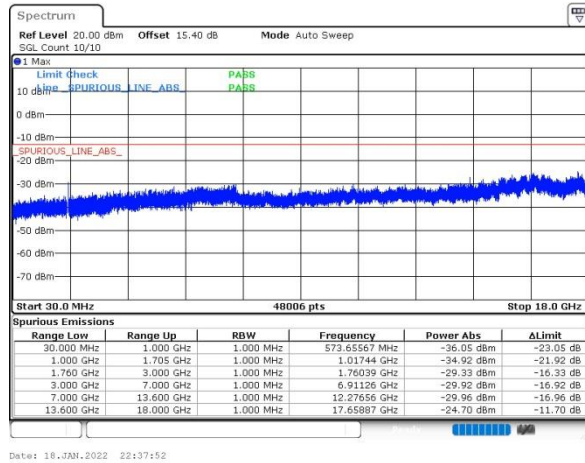
Highest Channel



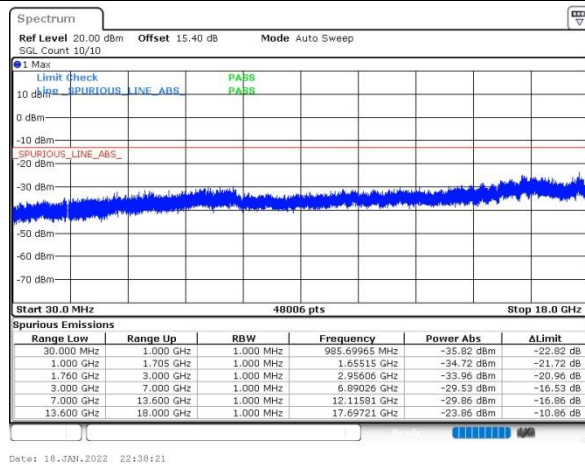


WCDMA Band IV (RMC 12.2Kbps)

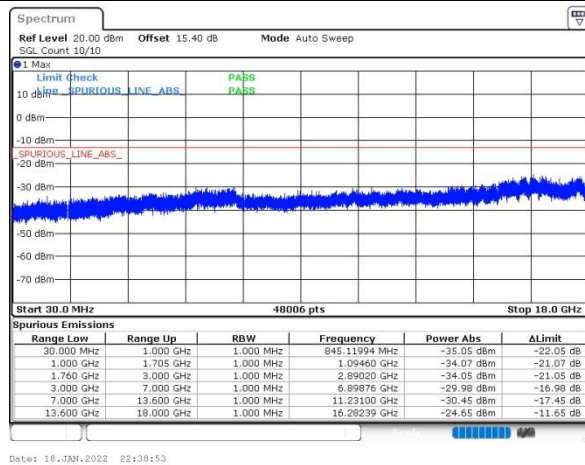
Lowest Channel



Middle Channel



Highest Channel



**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	0.0000	
20	Battery End Point	0.0061	

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	0.0000	
20	Battery End Point	0.0012	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0036	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0059	
-30	Normal Voltage	0.0065	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage = 3.89V ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.4V
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℃
		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	-51.09	-13	-38.09	-58.06	1.58	10.70	H
	2510	-43.64	-13	-30.64	-51.89	2.102	12.50	H
	3348	-59.87	-13	-46.87	-68.76	2.856	13.90	H
	1672	-46.93	-13	-33.93	-53.90	1.58	10.70	V
	2510	-45.28	-13	-32.28	-53.53	2.10	12.50	V
	3348	-60.15	-13	-47.15	-69.04	2.86	13.90	V

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

GSM850 (EDGE class 8)								
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	-51.30	-13	-38.30	-58.27	1.58	10.70	H
	2512	-44.18	-13	-31.18	-52.43	2.102	12.50	H
	3344	-59.91	-13	-46.91	-68.80	2.856	13.90	H
	1672	-49.82	-13	-36.82	-56.79	1.58	10.70	V
	2512	-44.55	-13	-31.55	-52.80	2.10	12.50	V
	3344	-60.01	-13	-47.01	-68.90	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	-54.82	-13	-41.82	-67.08	2.64	14.90	H
	5640	-49.91	-13	-36.91	-61.77	2.94	14.80	H
	7515	-52.45	-13	-39.45	-62.22	3.39	13.16	H
	3765	-55.74	-13	-42.74	-68.00	2.64	14.90	V
	5640	-54.16	-13	-41.16	-66.02	2.94	14.80	V
	7515	-52.27	-13	-39.27	-62.04	3.39	13.16	V

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



GSM1900 (EDGE class 8)								
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	-56.33	-13	-43.33	-68.59	2.64	14.90	H
	5640	-50.75	-13	-37.75	-62.61	2.94	14.80	H
	7515	-52.61	-13	-39.61	-62.38	3.39	13.16	H
	3765	-56.32	-13	-43.32	-68.58	2.64	14.90	V
	5640	-51.48	-13	-38.48	-63.34	2.94	14.80	V
	7515	-52.98	-13	-39.98	-62.75	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	-64.32	-13	-51.32	-71.29	1.58	10.70	H
	2512	-55.13	-13	-42.13	-63.38	2.102	12.50	H
	3344	-59.56	-13	-46.56	-68.45	2.856	13.90	H
	1672	-62.74	-13	-49.74	-69.71	1.58	10.70	V
	2512	-54.34	-13	-41.34	-62.59	2.10	12.50	V
	3344	-59.79	-13	-46.79	-68.68	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	3765	-56.25	-13	-43.25	-68.51	2.64	14.90	H
	5640	-53.78	-13	-40.78	-65.64	2.94	14.80	H
	7515	-52.88	-13	-39.88	-62.65	3.39	13.16	H
	3765	-55.82	-13	-42.82	-68.08	2.64	14.90	V
	5640	-54.76	-13	-41.76	-66.62	2.94	14.80	V
	7515	-52.89	-13	-39.89	-62.66	3.39	13.16	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465	-57.31	-13	-44.31	-68.05	2.604	13.34	H
	5190	-54.49	-13	-41.49	-65.00	3.011	13.52	H
	6930	-53.88	-13	-40.88	-64.08	3.271	13.47	H
	3465	-57.42	-13	-44.42	-68.16	2.604	13.34	V
	5190	-54.83	-13	-41.83	-65.34	3.011	13.52	V
	6930	-53.85	-13	-40.85	-64.05	3.271	13.47	V

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