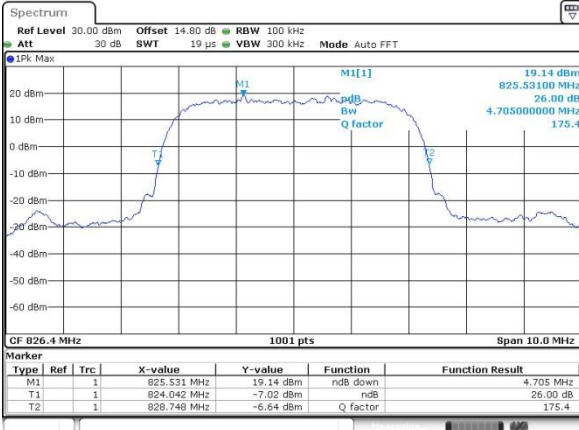




WCDMA Band V (RMC 12.2Kbps)

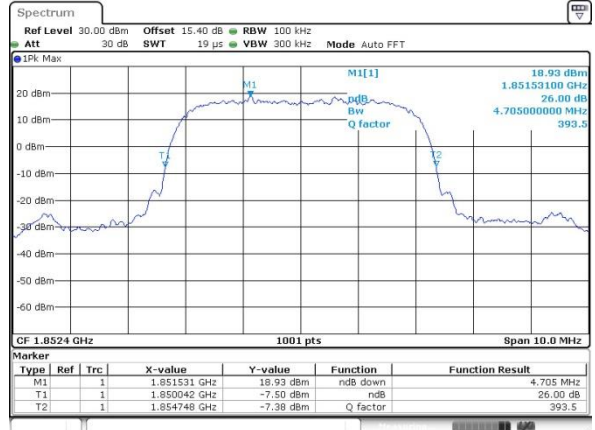
Lowest Channel



Date: 25 SEP 2022 02:06:14

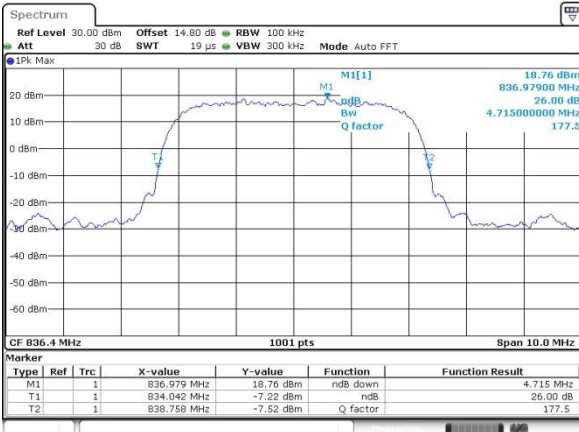
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



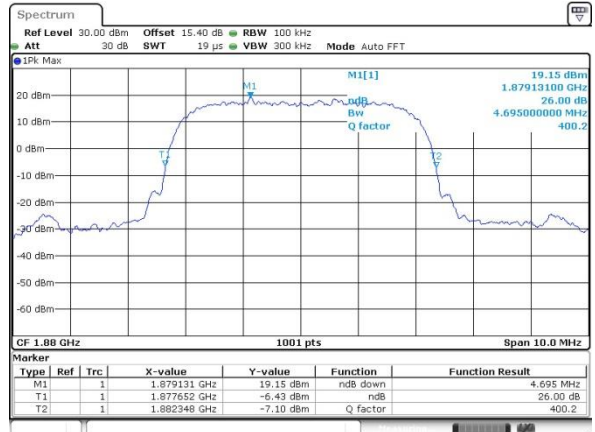
Date: 25 SEP 2022 01:51:27

Middle Channel



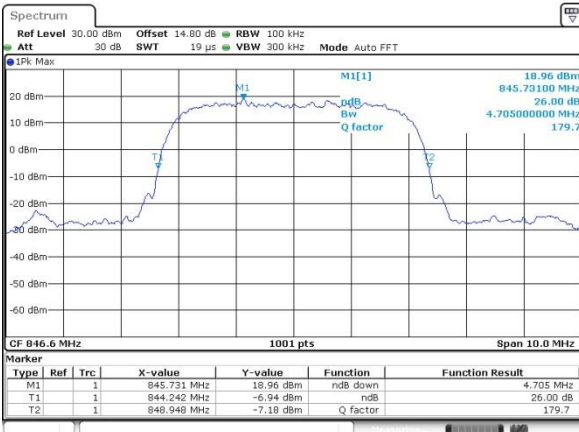
Date: 25 SEP 2022 02:06:14

Middle Channel



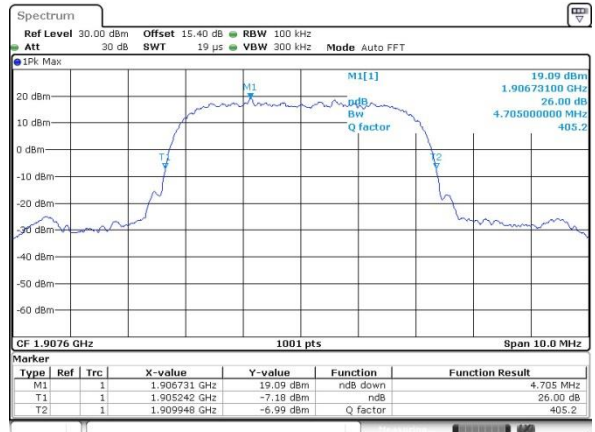
Date: 25 SEP 2022 01:51:50

Highest Channel



Date: 25 SEP 2022 02:07:04

Highest Channel



Date: 25 SEP 2022 01:52:13



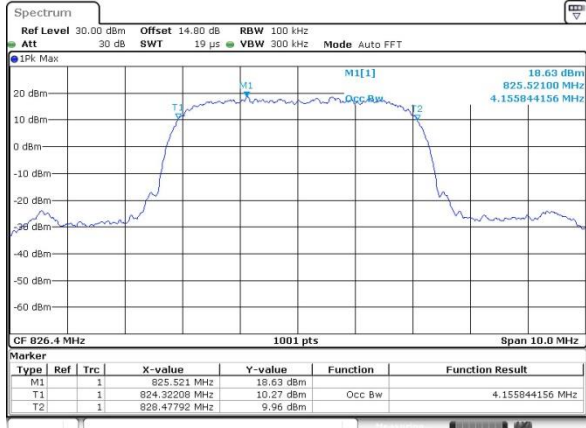
Occupied Bandwidth

Mode	WCDMA Band V	WCDMA Band II
Mod.	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.156	4.156
Middle CH	4.156	4.156
Highest CH	4.166	4.156



WCDMA Band V (RMC 12.2Kbps)

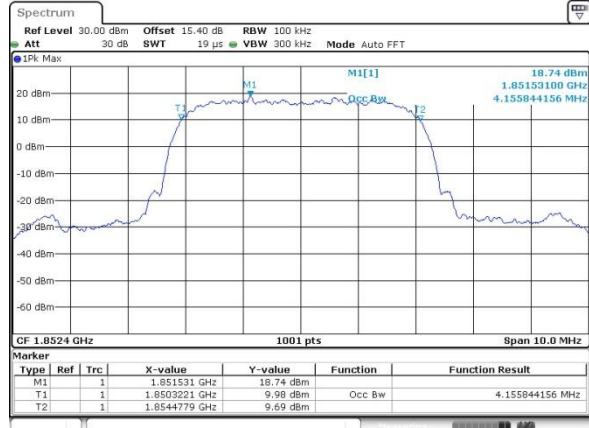
Lowest Channel



Date: 25 SEP 2022 02:07:33

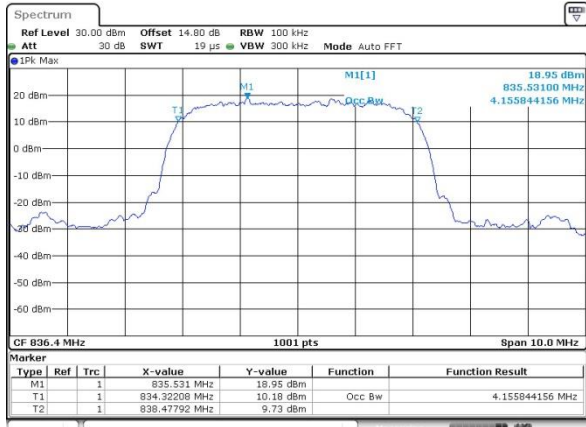
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



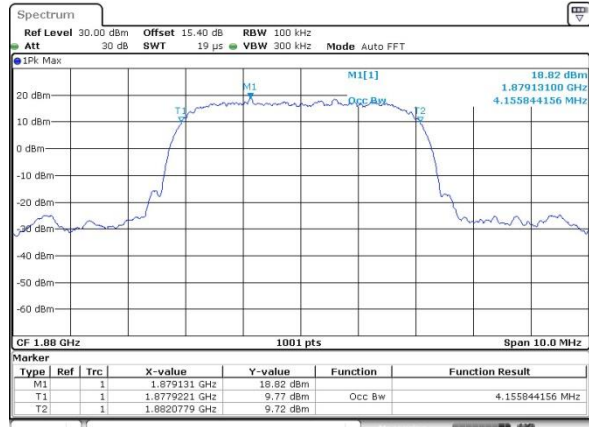
Date: 25 SEP 2022 01:53:00

Middle Channel



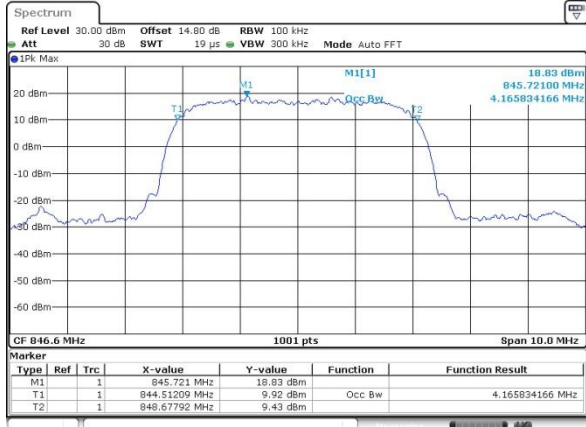
Date: 25 SEP 2022 02:07:55

Middle Channel



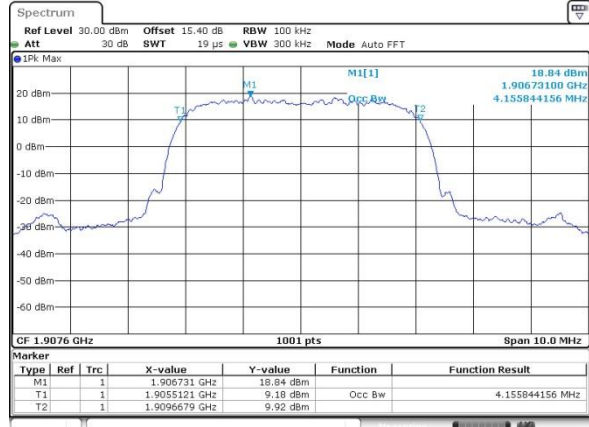
Date: 25 SEP 2022 01:53:24

Highest Channel



Date: 25 SEP 2022 02:08:19

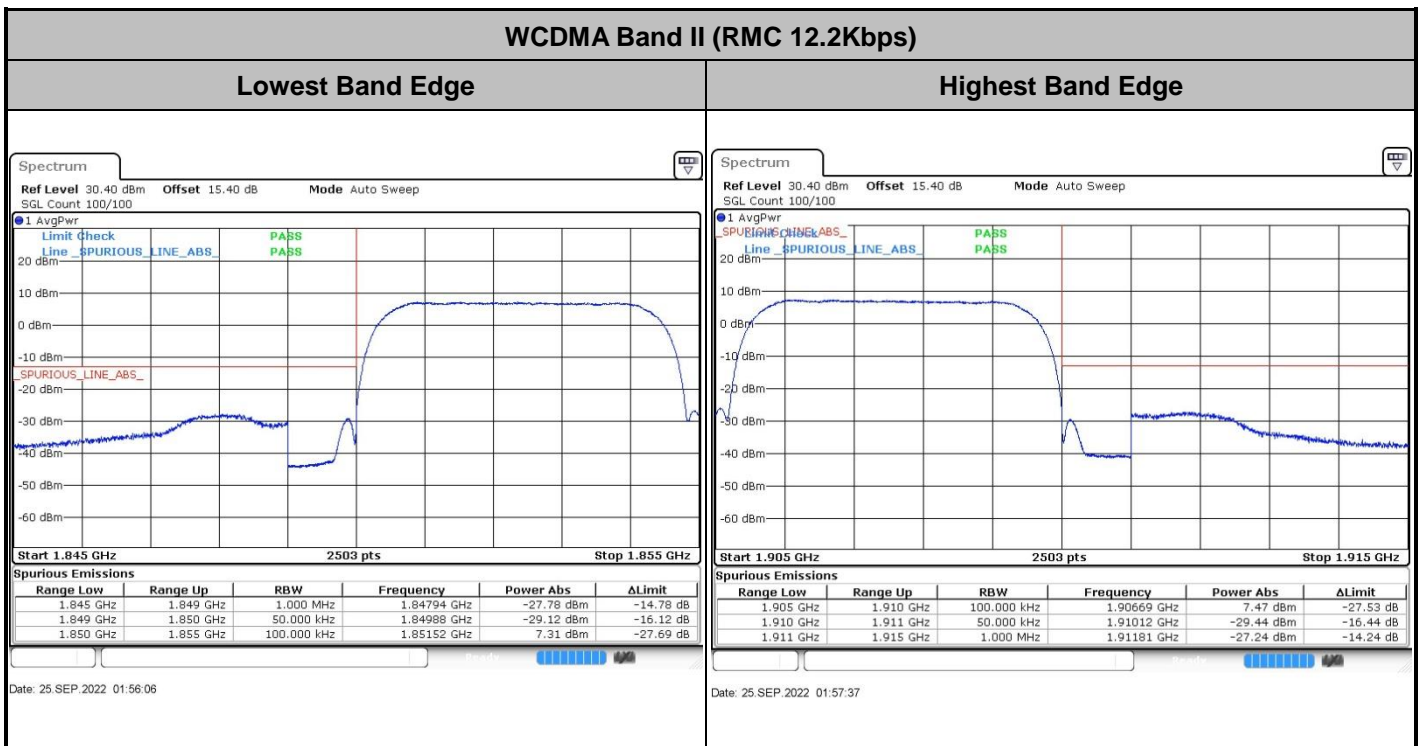
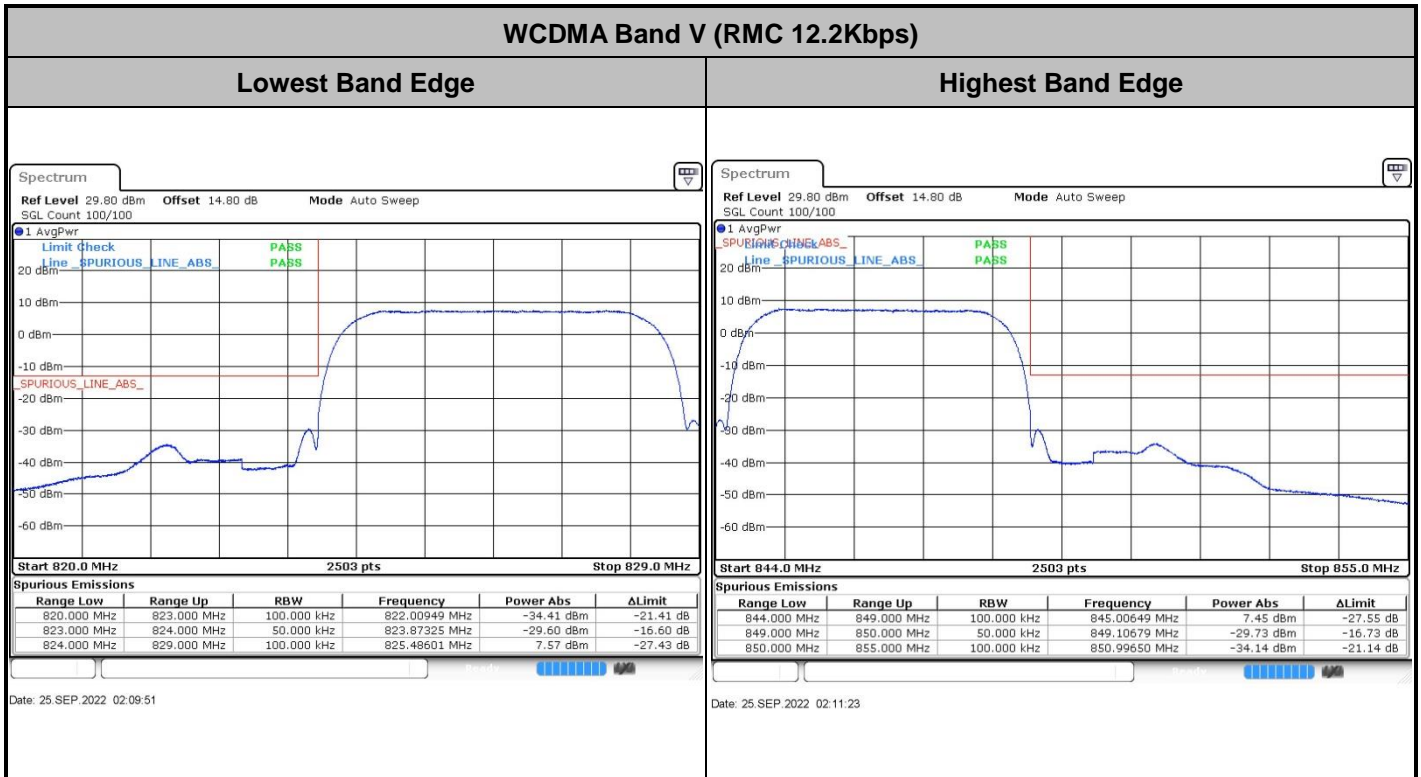
Highest Channel



Date: 25 SEP 2022 01:53:46

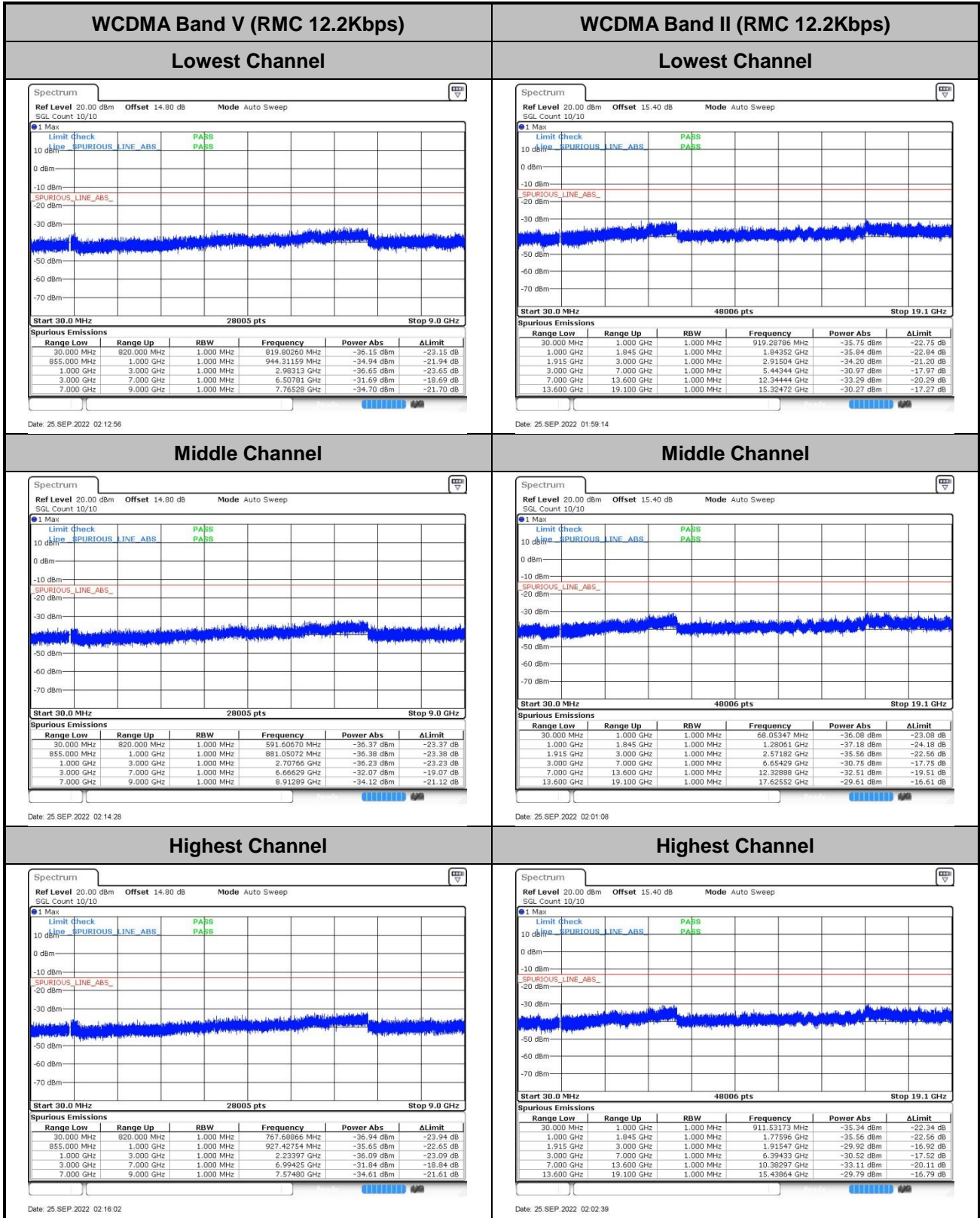


Conducted Band Edge





Conducted Spurious Emission





Frequency Stability

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	2.5ppm Result
50	Normal Voltage	0.0058	PASS
40	Normal Voltage	0.0377	
30	Normal Voltage	0.0485	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0069	
0	Normal Voltage	0.0344	
-10	Normal Voltage	0.0063	
-20	Normal Voltage	0.0141	
-30	Normal Voltage	0.0325	
20	Maximum Voltage	0.0418	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0063	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Note 2. Result
50	Normal Voltage	0.0169	PASS
40	Normal Voltage	0.0136	
30	Normal Voltage	0.0144	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0155	
0	Normal Voltage	0.0136	
-10	Normal Voltage	0.0247	
-20	Normal Voltage	0.0072	
-30	Normal Voltage	0.0169	
20	Maximum Voltage	0.0162	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage = 3.87V ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.2V
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

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	-48.62	-13	-35.62	-55.59	1.58	10.70	H
	2512	-55.68	-13	-42.68	-63.93	2.102	12.50	H
	3344	-58.89	-13	-45.89	-67.78	2.856	13.90	H
	1672	-58.41	-13	-45.41	-65.38	1.58	10.70	V
	2512	-59.59	-13	-46.59	-67.84	2.10	12.50	V
	3344	-60.14	-13	-47.14	-69.03	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	-51.62	-13	-38.62	-58.59	1.58	10.70	H
	2512	-54.68	-13	-41.68	-62.93	2.102	12.50	H
	3344	-58.89	-13	-45.89	-67.78	2.856	13.90	H
	1672	-61.41	-13	-48.41	-68.38	1.58	10.70	V
	2512	-57.59	-13	-44.59	-65.84	2.10	12.50	V
	3344	-60.14	-13	-47.14	-69.03	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	3759	-58.54	-13	-45.54	-70.80	2.641	14.90	H
	5640	-56.58	-13	-43.58	-68.44	2.94	14.80	H
	7524	-54.43	-13	-41.43	-64.20	3.39	13.16	H
	3759	-58.31	-13	-45.31	-70.57	2.64	14.90	V
	5640	-56.97	-13	-43.97	-68.83	2.94	14.80	V
	7524	-54.18	-13	-41.18	-63.95	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	3759	-58.54	-13	-45.54	-70.80	2.641	14.90	H
	5640	-56.58	-13	-43.58	-68.44	2.94	14.80	H
	7524	-54.43	-13	-41.43	-64.20	3.39	13.16	H
	3759	-58.31	-13	-45.31	-70.57	2.64	14.90	V
	5640	-56.97	-13	-43.97	-68.83	2.94	14.80	V
	7524	-54.18	-13	-41.18	-63.95	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	-65.90	-13	-52.90	-72.87	1.58	10.70	H
	2512	-60.48	-13	-47.48	-68.73	2.102	12.50	H
	3344	-60.18	-13	-47.18	-69.07	2.856	13.90	H
	1672	-64.79	-13	-51.79	-71.76	1.58	10.70	V
	2512	-60.02	-13	-47.02	-68.27	2.10	12.50	V
	3344	-60.35	-13	-47.35	-69.24	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	-58.89	-13	-45.89	-71.15	2.64	14.90	H
	5640	-56.73	-13	-43.73	-68.59	2.94	14.80	H
	7524	-54.65	-13	-41.65	-64.42	3.39	13.16	H
	3759	-58.34	-13	-45.34	-70.60	2.64	14.90	V
	5640	-57.36	-13	-44.36	-69.22	2.94	14.80	V
	7524	-54.46	-13	-41.46	-64.23	3.39	13.16	V

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