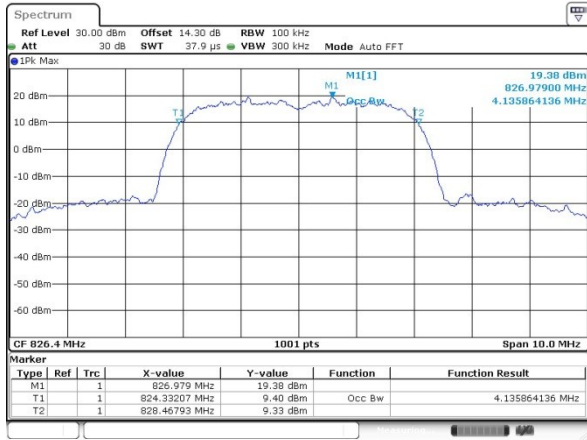




WCDMA Band V (RMC 12.2Kbps)

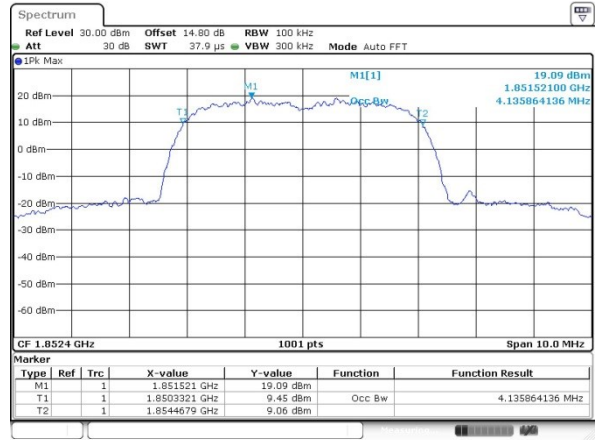
Lowest Channel



Date: 4 APR 2018 11:36:25

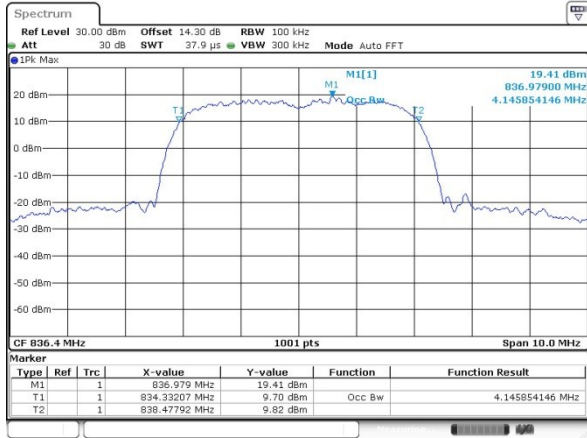
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



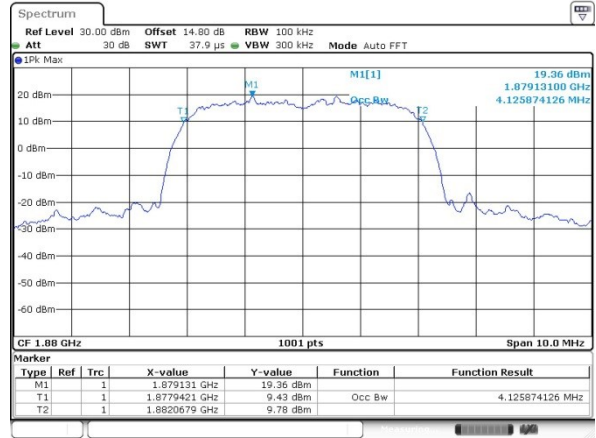
Date: 4 APR 2018 11:55:33

Middle Channel



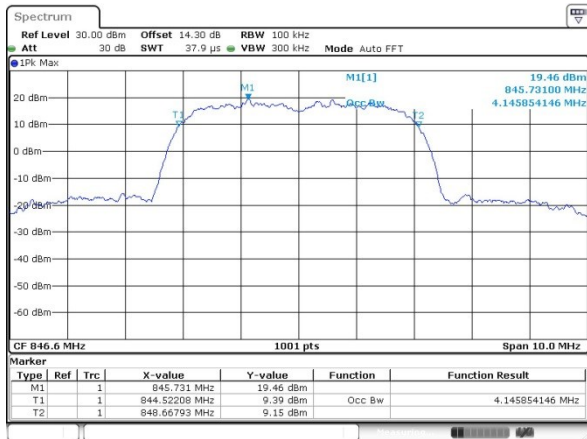
Date: 4 APR 2018 11:37:02

Middle Channel



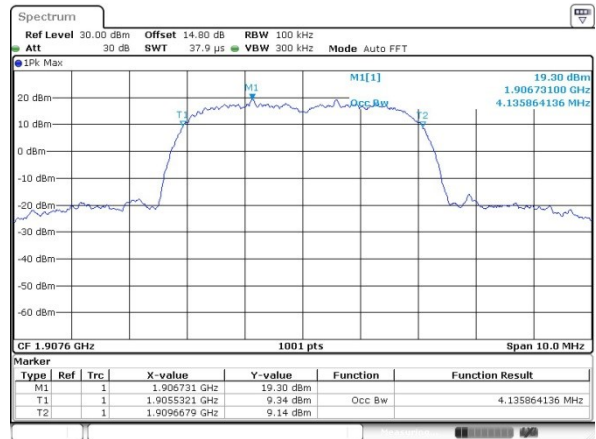
Date: 4 APR 2018 11:56:09

Highest Channel



Date: 4 APR 2018 11:37:44

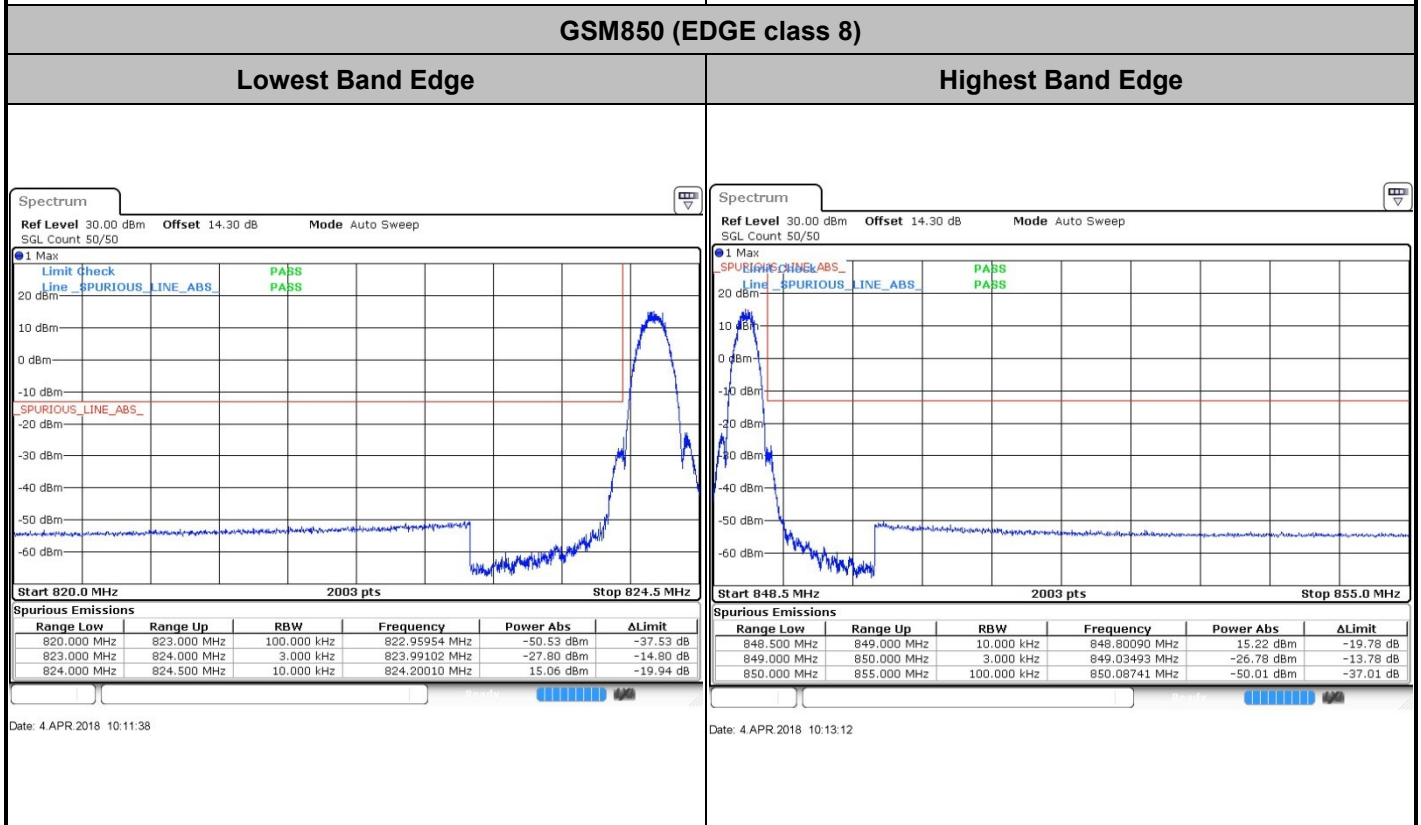
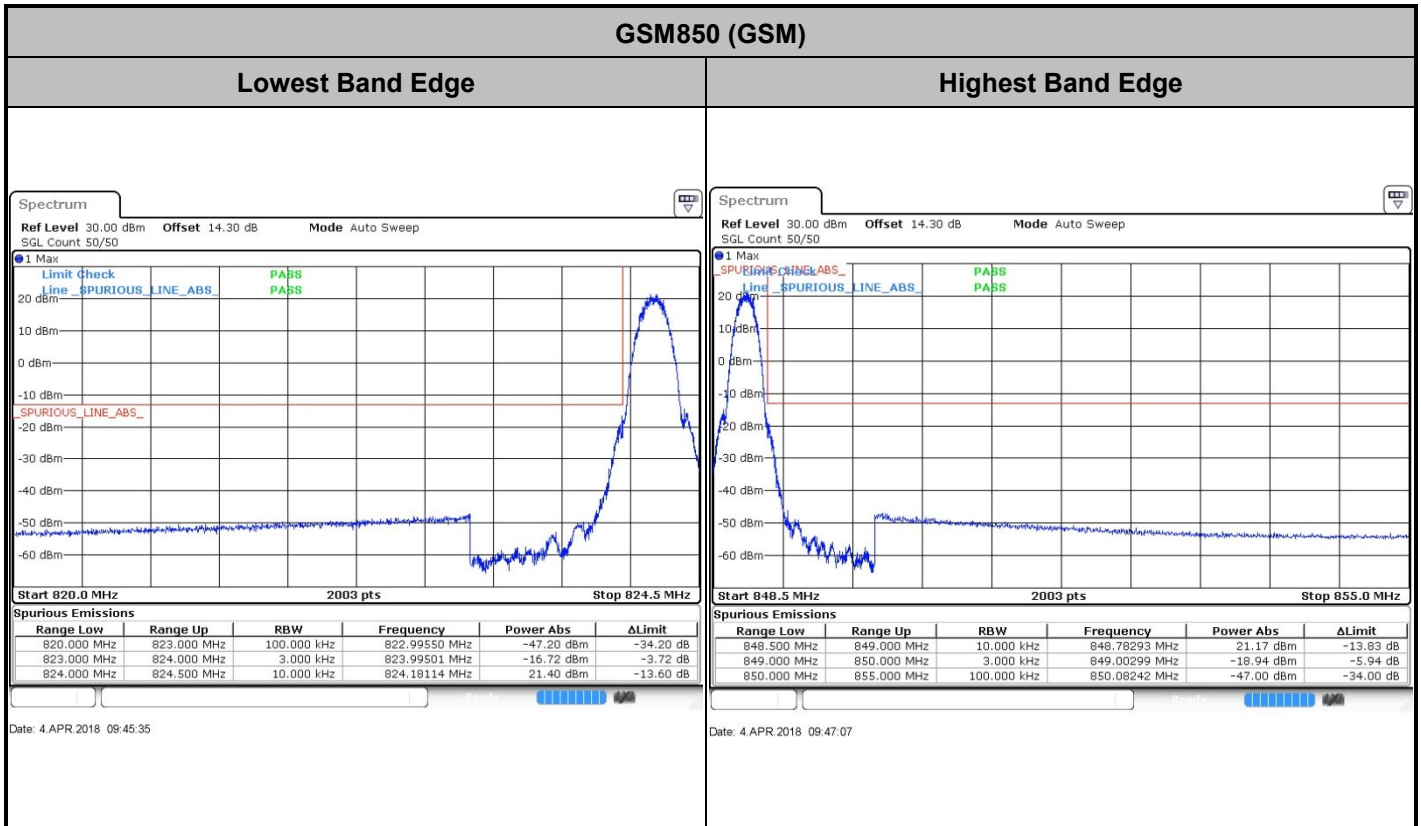
Highest Channel



Date: 4 APR 2018 11:56:44



Conducted Band Edge

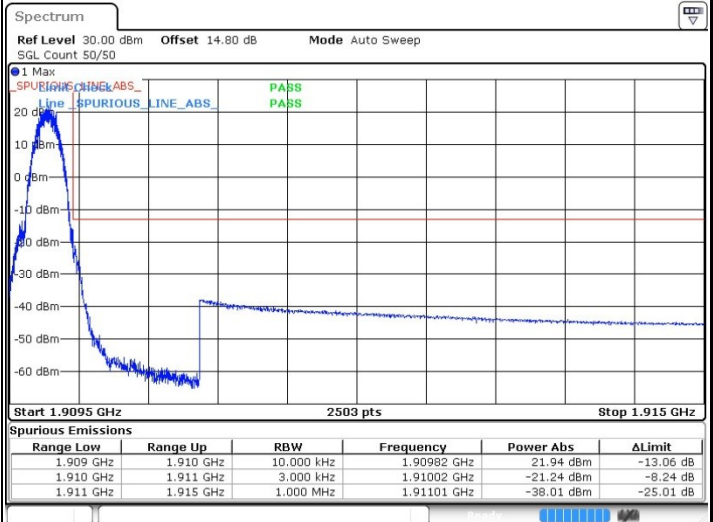
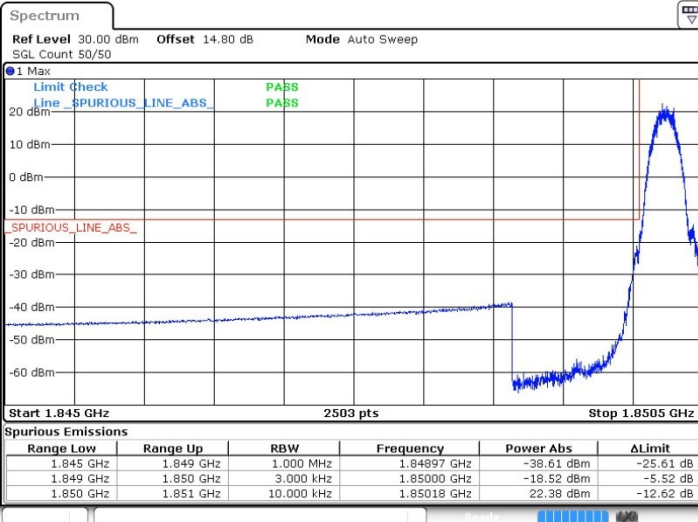




GSM1900 (GSM)

Lowest Band Edge

Highest Band Edge



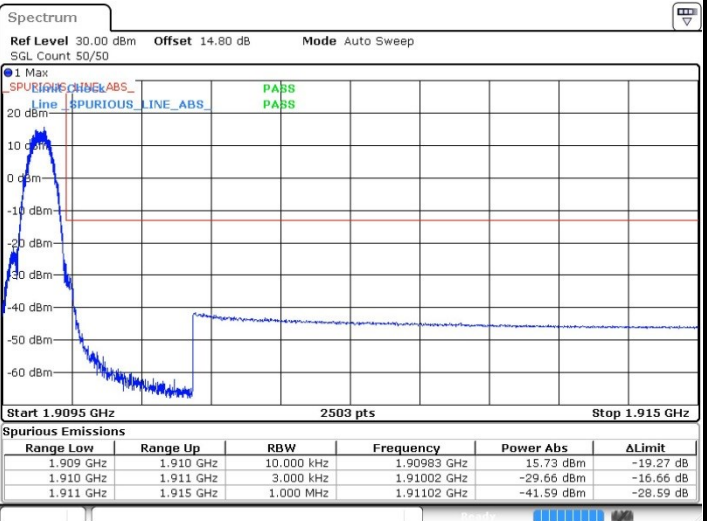
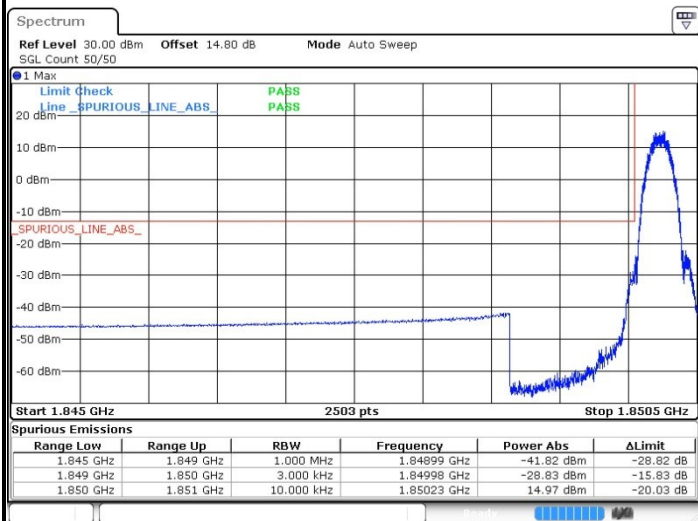
Date: 4 APR 2018 10:34:11

Date: 4 APR 2018 10:35:46

GSM1900 (EDGE class 8)

Lowest Band Edge

Highest Band Edge



Date: 4 APR 2018 11:14:49

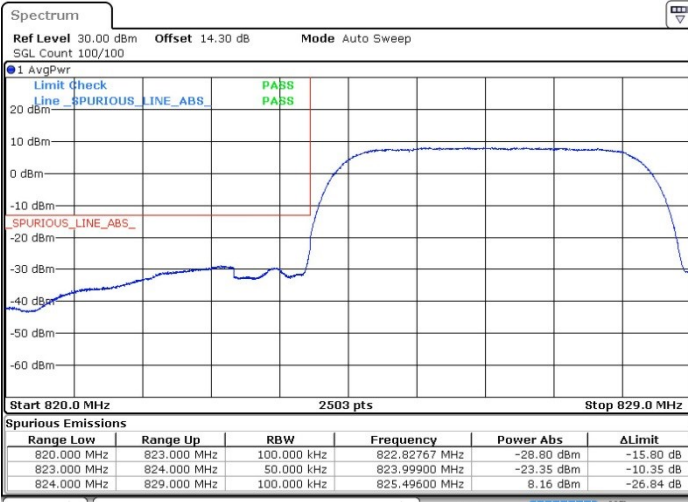
Date: 4 APR 2018 11:16:23



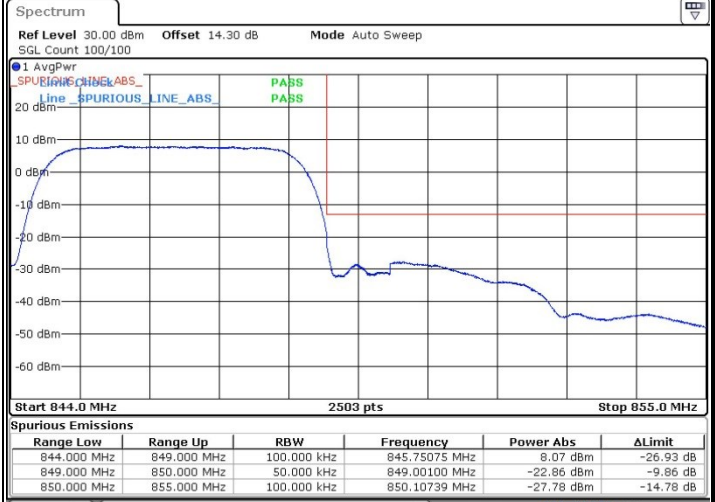
WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



Date: 4 APR 2018 11:40:41

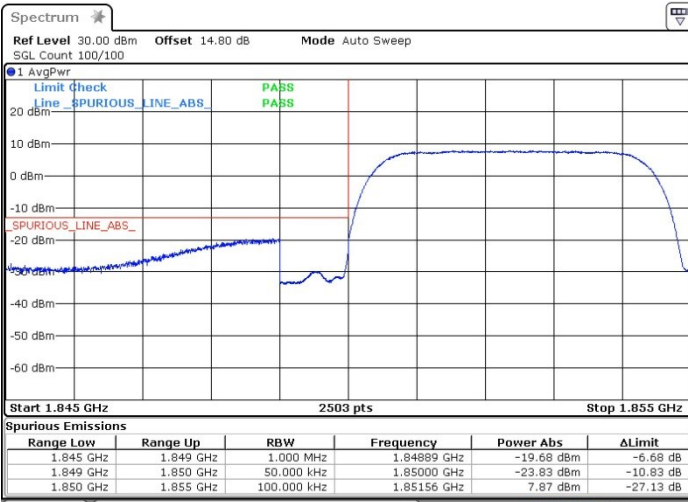


Date: 4 APR 2018 11:43:29

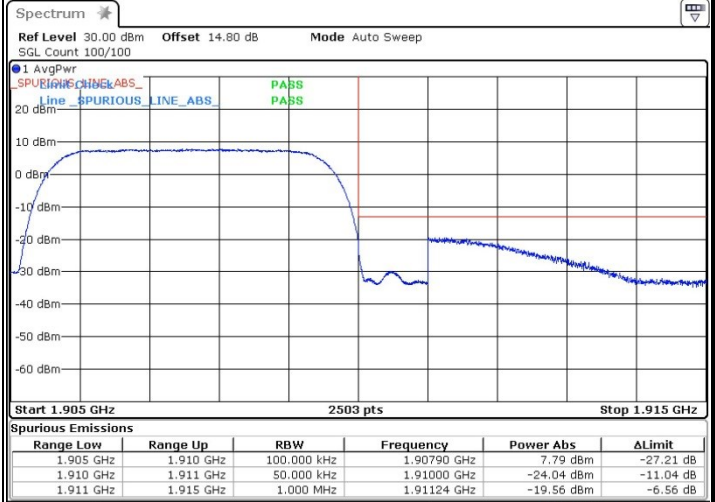
WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



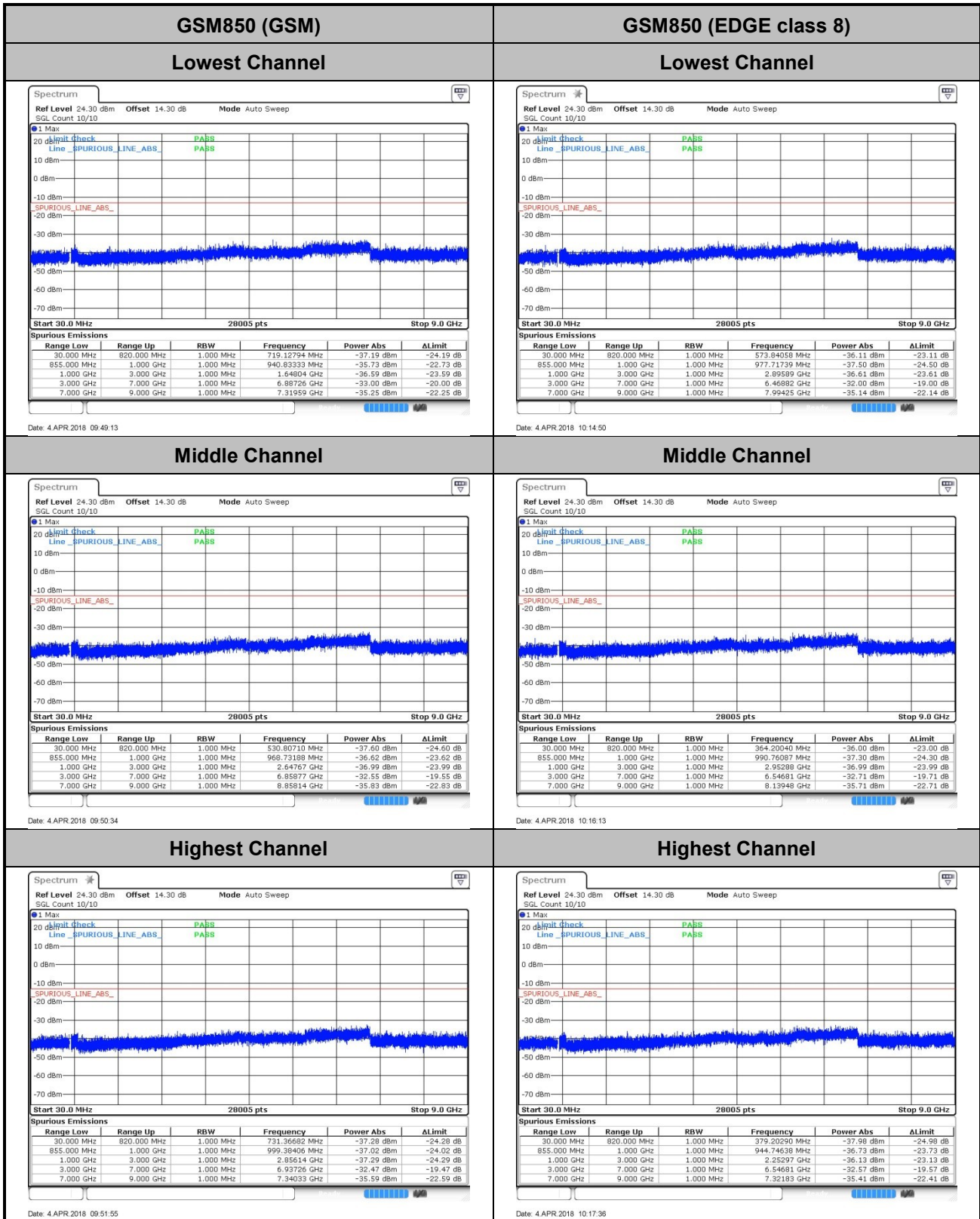
Date: 4 APR 2018 11:59:35

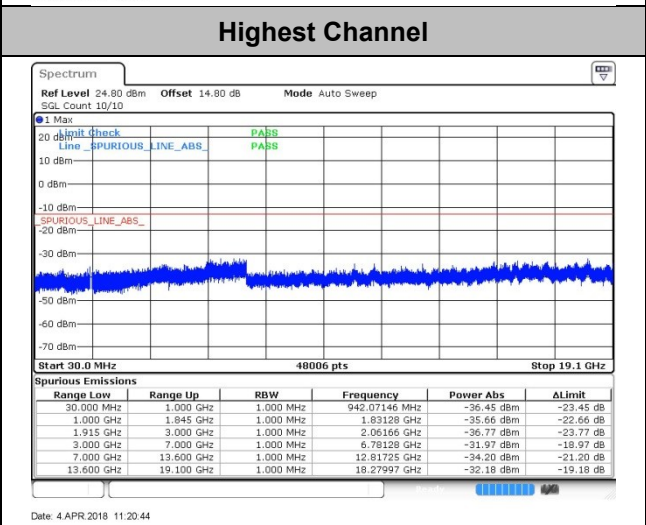
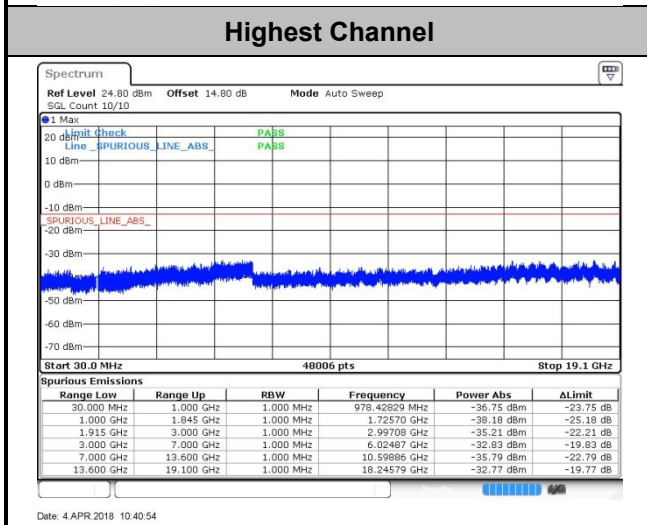
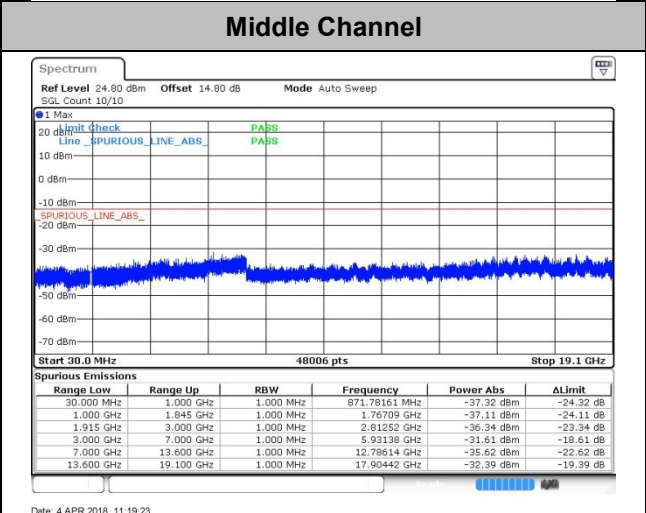
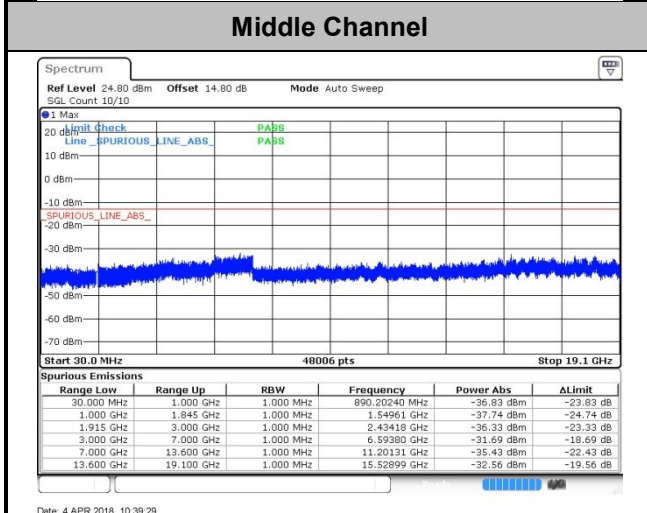
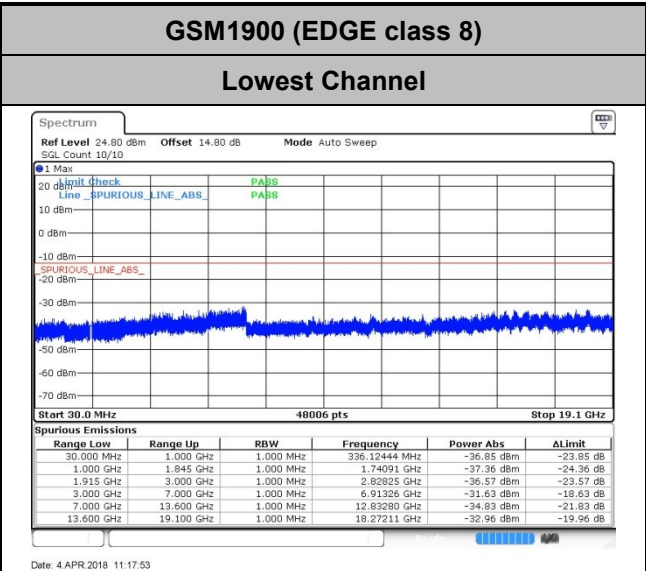
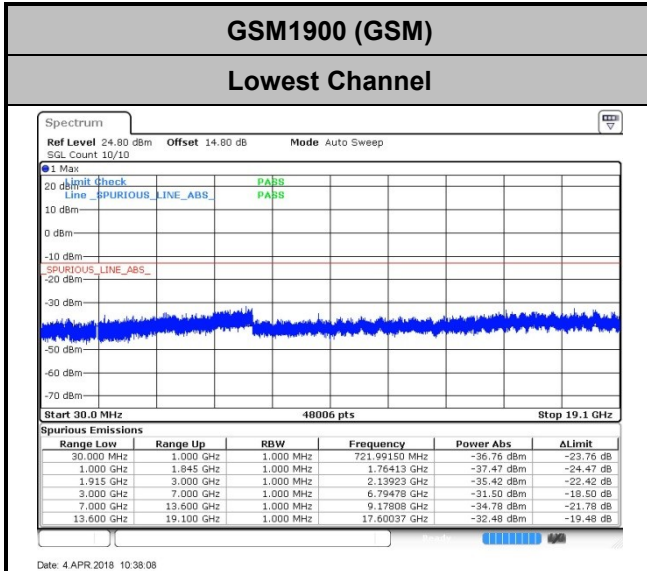


Date: 4 APR 2018 12:02:27



Conducted Spurious Emission

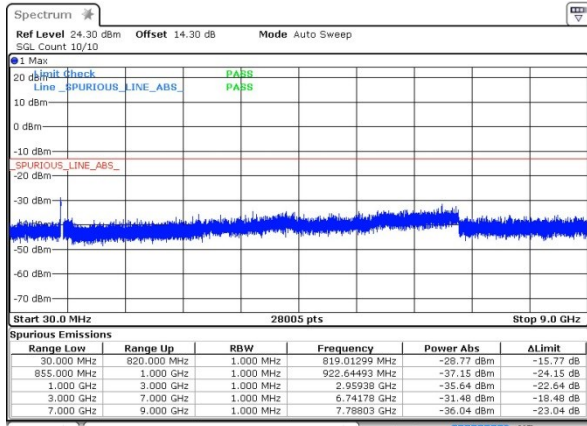






WCDMA Band V (RMC 12.2Kbps)

Lowest Channel



Date: 4 APR 2018 11:44:54

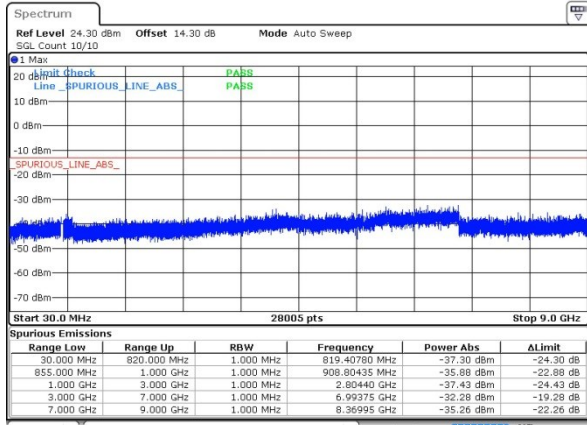
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



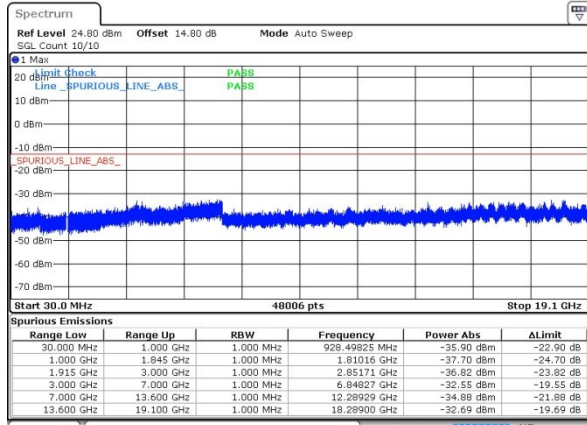
Date: 4 APR 2018 12:03:59

Middle Channel



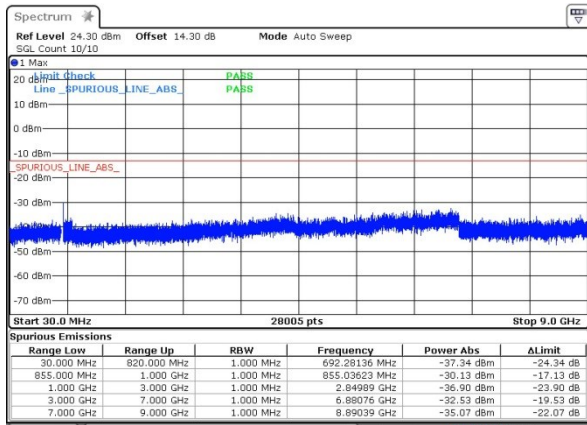
Date: 4 APR 2018 11:46:16

Middle Channel



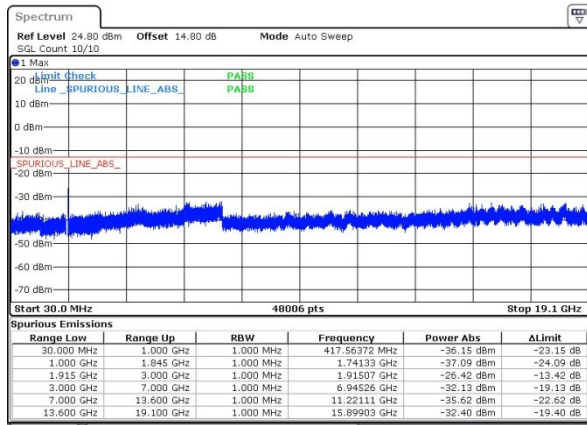
Date: 4 APR 2018 12:05:32

Highest Channel



Date: 4 APR 2018 11:47:37

Highest Channel



Date: 4 APR 2018 12:20:58



Frequency Stability

Test Conditions	Middle Channel	GSM850 (GSM)	GSM850 (EDGE class 8)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0442	0.0478	PASS
40	Normal Voltage	0.0371	0.0060	
30	Normal Voltage	0.0012	0.0430	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0299	0.0287	
0	Normal Voltage	0.0108	0.0251	
-10	Normal Voltage	0.0036	0.0036	
-20	Normal Voltage	0.0263	0.0036	
-30	Normal Voltage	0.0215	0.0323	
20	Maximum Voltage	0.0359	0.0395	
20	Normal Voltage	0.0036	0.0227	
20	Battery End Point	0.0024	0.0048	

Note: Normal Voltage = 3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V



Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0027	0.0245	PASS
40	Normal Voltage	0.0176	0.0197	
30	Normal Voltage	0.0207	0.0016	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0048	0.0160	
0	Normal Voltage	0.0027	0.0032	
-10	Normal Voltage	0.0154	0.0021	
-20	Normal Voltage	0.0021	0.0085	
-30	Normal Voltage	0.0197	0.0027	
20	Maximum Voltage	0.0016	0.0213	
20	Normal Voltage	0.0160	0.0160	
20	Battery End Point	0.0181	0.0053	

Note:

1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 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 V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0084	PASS
40	Normal Voltage	0.0383	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0251	
0	Normal Voltage	0.0072	
-10	Normal Voltage	0.0084	
-20	Normal Voltage	0.0287	
-30	Normal Voltage	0.0120	
20	Maximum Voltage	0.0036	
20	Normal Voltage	0.0239	
20	Battery End Point	0.0347	

Note: Normal Voltage = 3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.



Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0048	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0112	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0144	
0	Normal Voltage	0.0160	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0128	
-30	Normal Voltage	0.0176	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0133	

Note:

1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 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 Conducted 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	-59.69	-13	-46.69	-61.60	1.14	5.20	H
	2510	-46.52	-13	-33.52	-49.15	1.12	5.90	H
	3348	-63.78	-13	-50.78	-66.99	1.34	6.70	H
	1672	-57.37	-13	-44.37	-59.28	1.14	5.20	V
	2510	-43.79	-13	-30.79	-46.42	1.12	5.90	V
	3348	-63.60	-13	-50.60	-66.81	1.34	6.70	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	-64.05	-13	-51.05	-65.96	1.14	5.20	H
	2510	-58.32	-13	-45.32	-60.95	1.12	5.90	H
	3348	-63.94	-13	-50.94	-67.15	1.34	6.70	H
	1672	-63.91	-13	-50.91	-65.82	1.14	5.20	V
	2510	-57.03	-13	-44.03	-59.66	1.12	5.90	V
	3348	-64.38	-13	-51.38	-67.59	1.34	6.70	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	-61.88	-13	-48.88	-67.05	1.83	7.00	H
	5640	-58.96	-13	-45.96	-66.58	2.18	9.80	H
	7521	-52.88	-13	-39.88	-62.55	2.53	12.20	H
	3759	-63.19	-13	-50.19	-68.36	1.83	7.00	V
	5640	-59.19	-13	-46.19	-66.81	2.18	9.80	V
	7521	-53.49	-13	-40.49	-63.16	2.53	12.20	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	3759	-63.21	-13	-50.21	-68.38	1.83	7.00	H
	5640	-59.51	-13	-46.51	-67.13	2.18	9.80	H
	7521	-53.05	-13	-40.05	-62.72	2.53	12.20	H
	3759	-63.32	-13	-50.32	-68.49	1.83	7.00	V
	5640	-59.41	-13	-46.41	-67.03	2.18	9.80	V
	7521	-53.59	-13	-40.59	-63.26	2.53	12.20	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	-66.74	-13	-53.74	-68.65	1.14	5.20	H
	2510	-64.23	-13	-51.23	-66.86	1.12	5.90	H
	3348	-64.02	-13	-51.02	-67.23	1.34	6.70	H
	1672	-66.89	-13	-53.89	-68.80	1.14	5.20	V
	2510	-64.25	-13	-51.25	-66.88	1.12	5.90	V
	3348	-64.59	-13	-51.59	-67.80	1.34	6.70	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	-63.21	-13	-50.21	-68.38	1.83	7.00	H
	5640	-59.47	-13	-46.47	-67.09	2.18	9.80	H
	7521	-53.13	-13	-40.13	-62.80	2.53	12.20	H
	3759	-62.60	-13	-49.60	-67.77	1.83	7.00	V
	5640	-59.73	-13	-46.73	-67.35	2.18	9.80	V
	7521	-53.62	-13	-40.62	-63.29	2.53	12.20	V

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