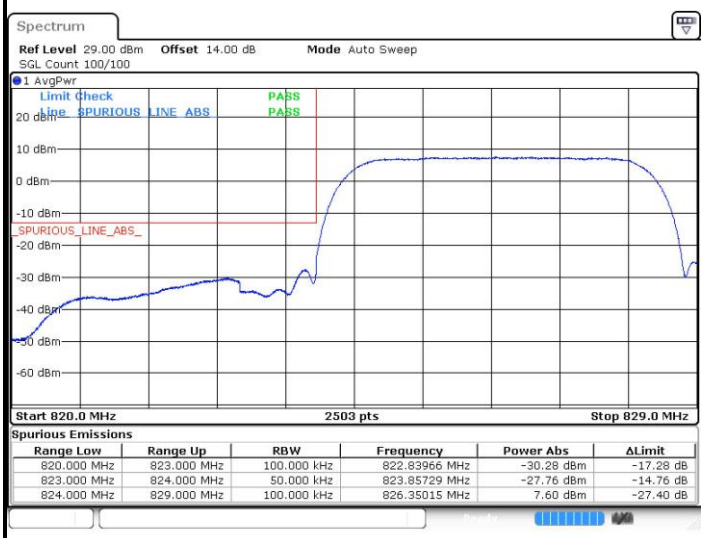
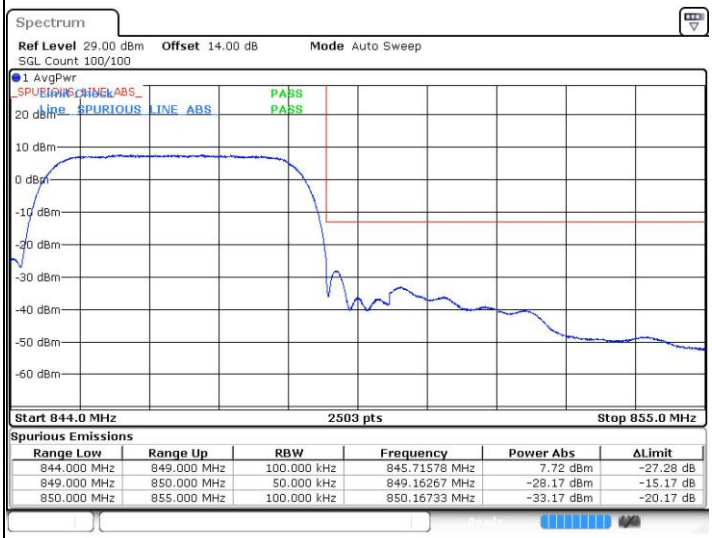
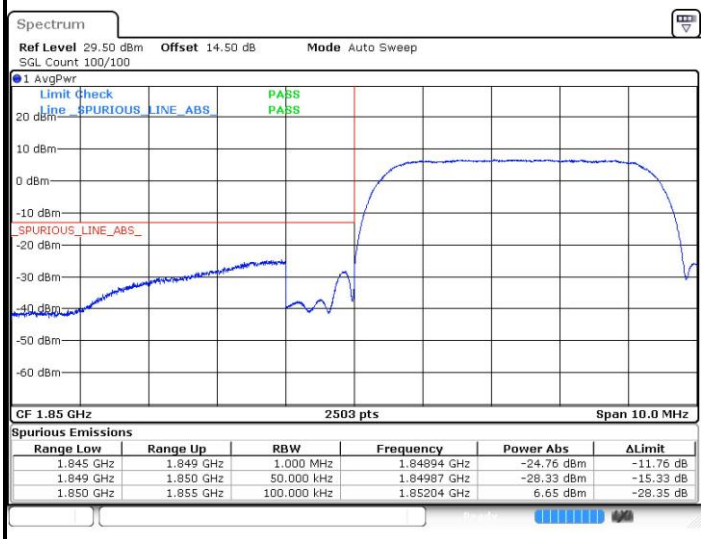
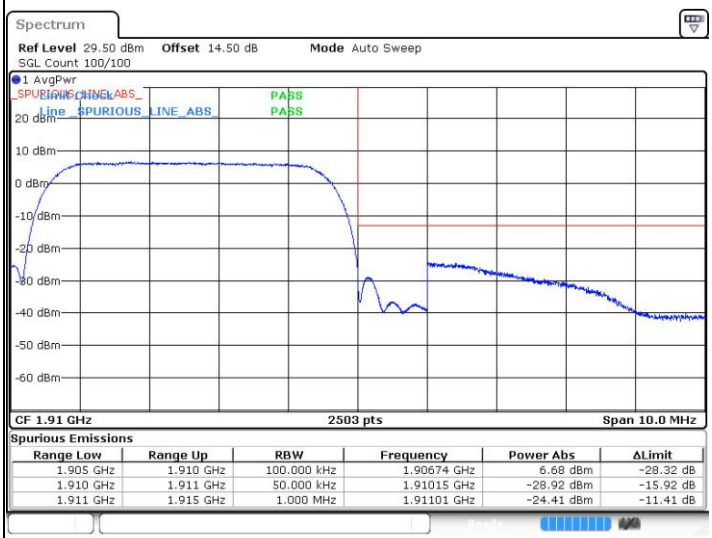
WCDMA Band V (RMC 12.2Kbps)	
Lowest Band Edge	**Highest Band Edge**



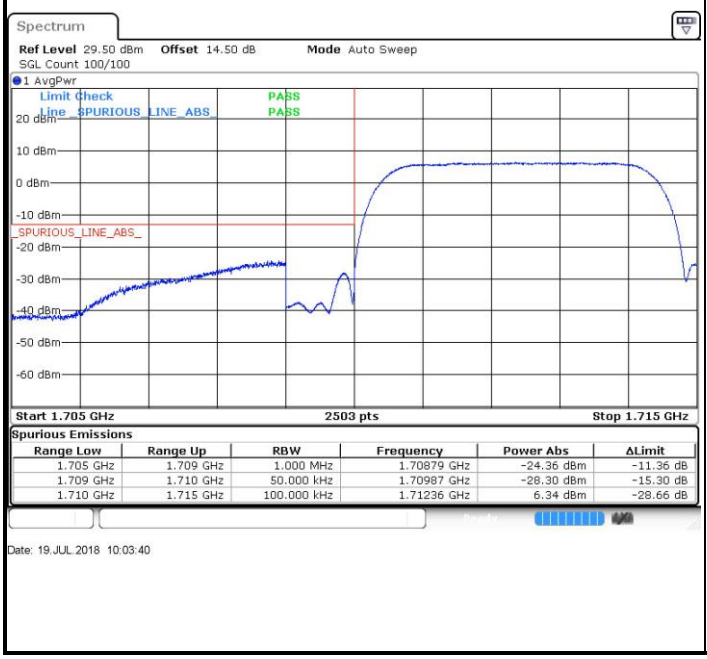


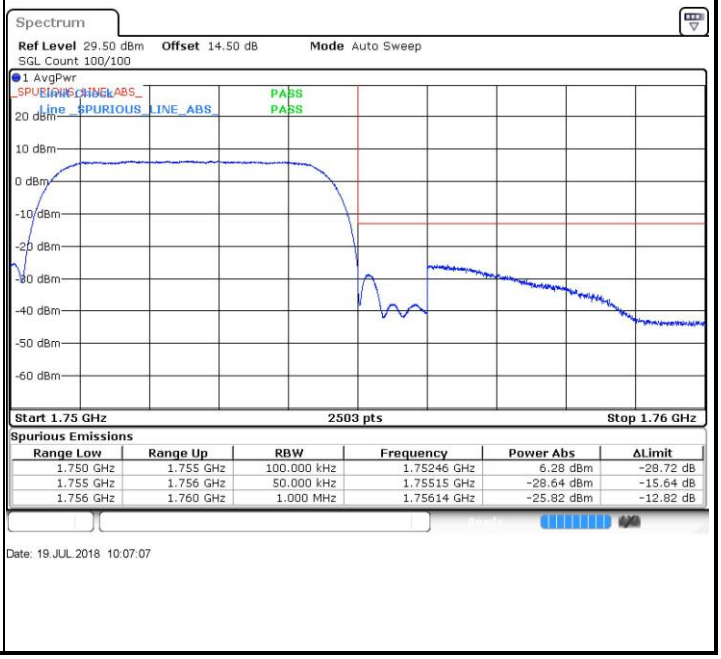
WCDMA Band II (RMC 12.2Kbps)	
Lowest Band Edge	**Highest Band Edge**





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

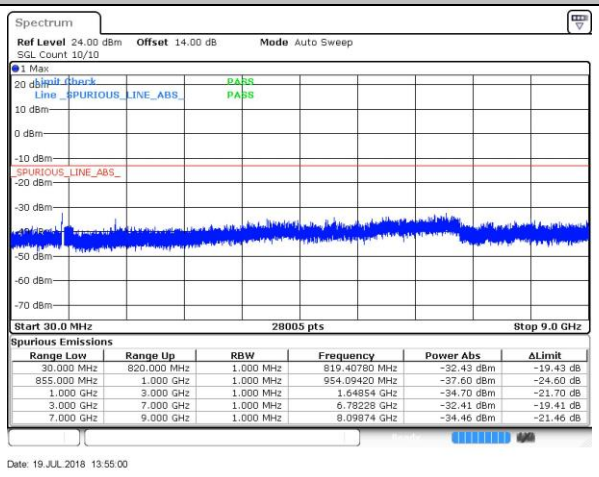




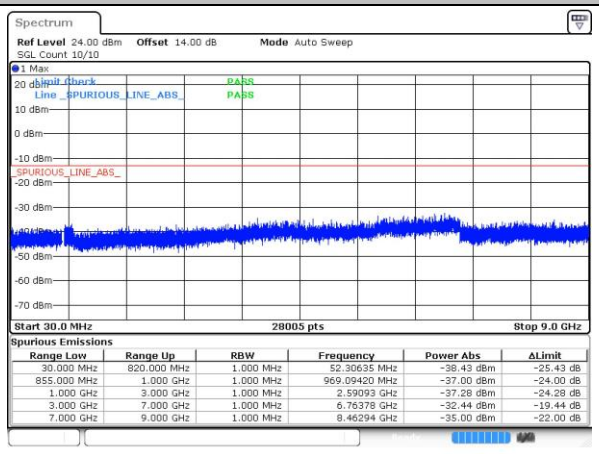
Conducted Spurious Emission

GSM850 (GSM)

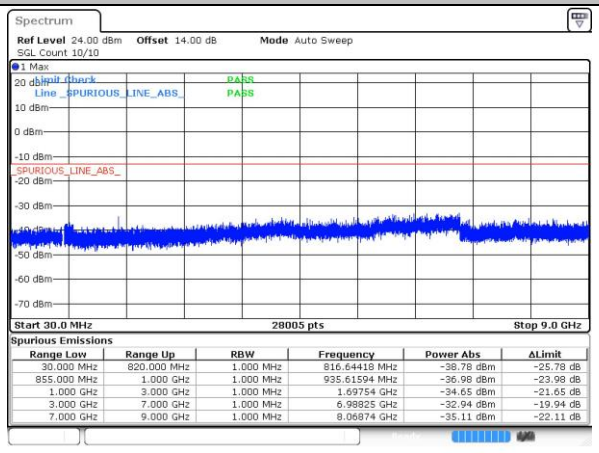
Lowest Channel



Middle Channel

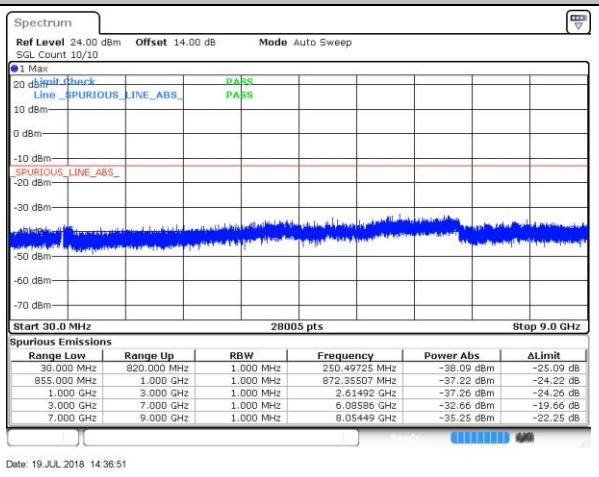


Highest Channel

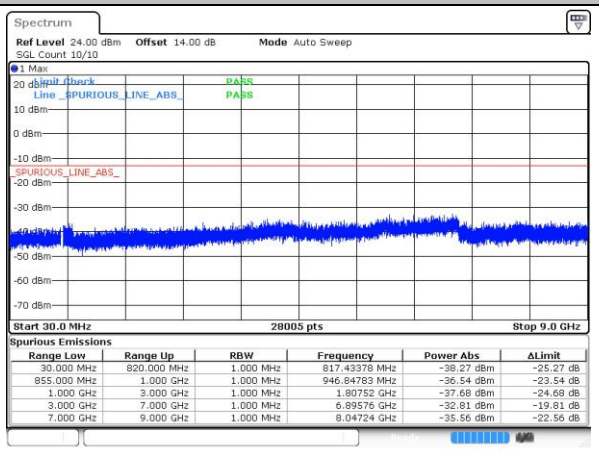


GSM850 (EDGE class 8)

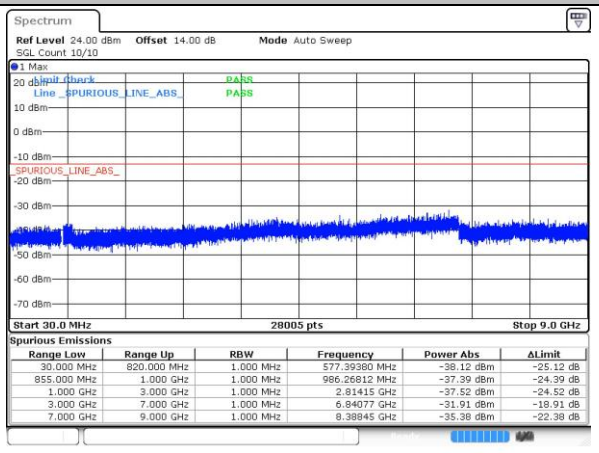
Lowest Channel

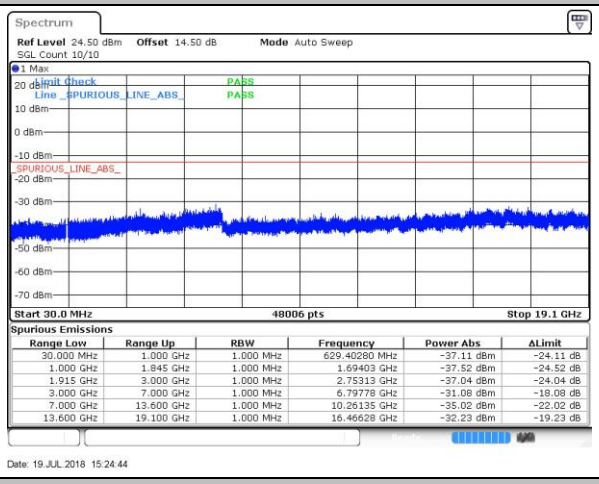
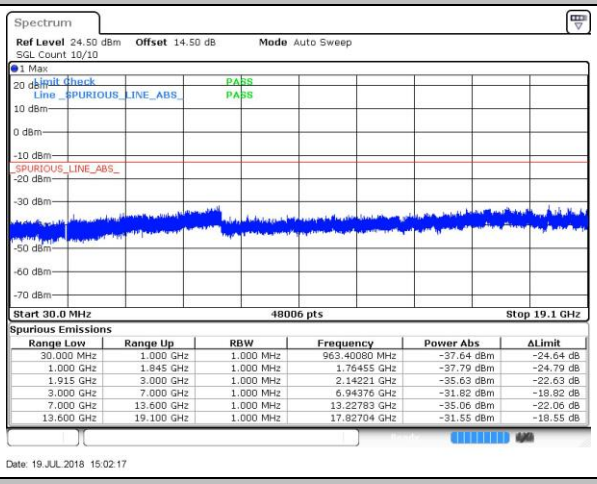
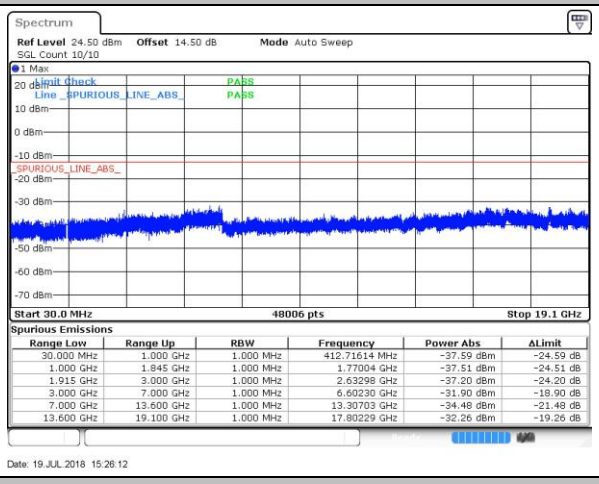
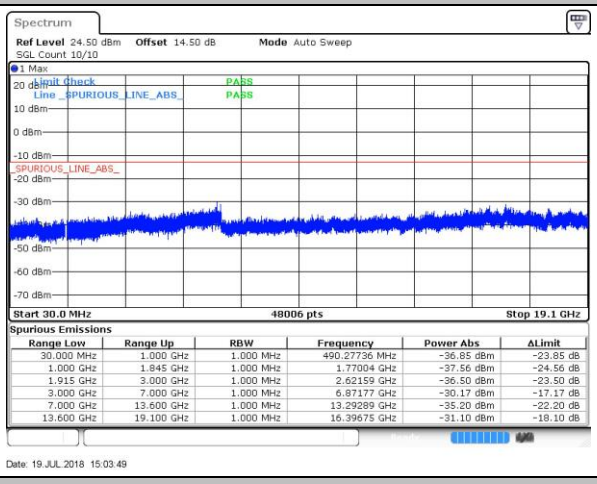
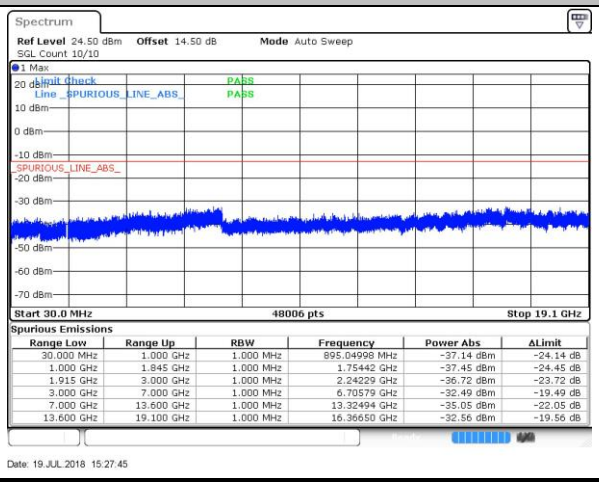
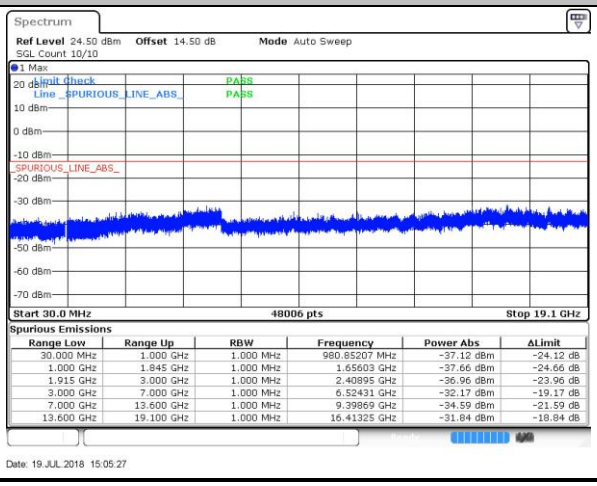


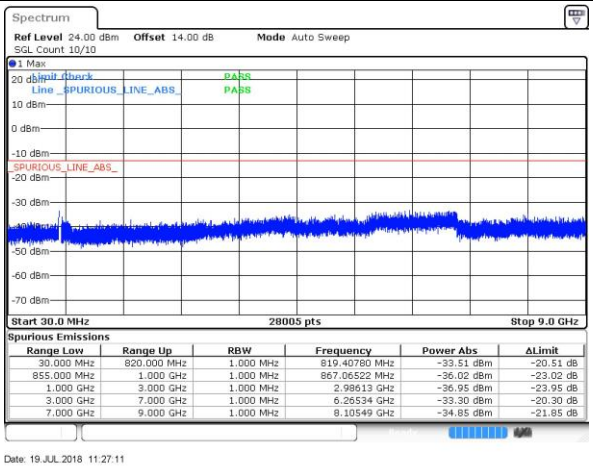
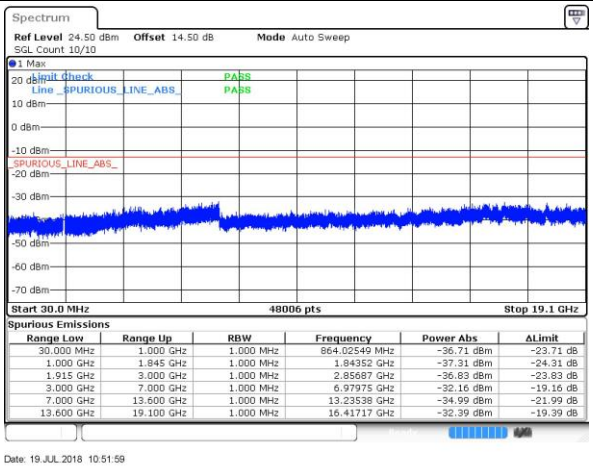
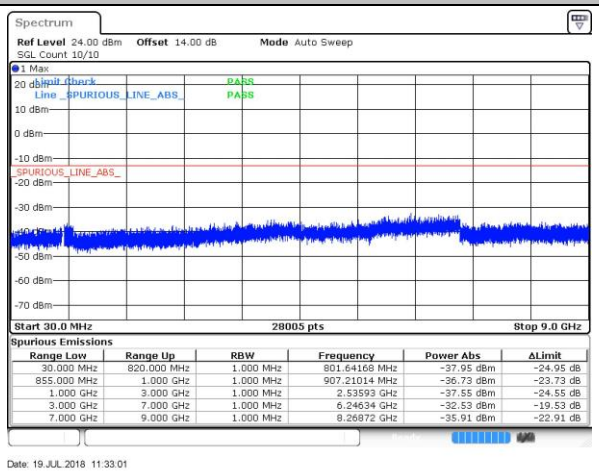
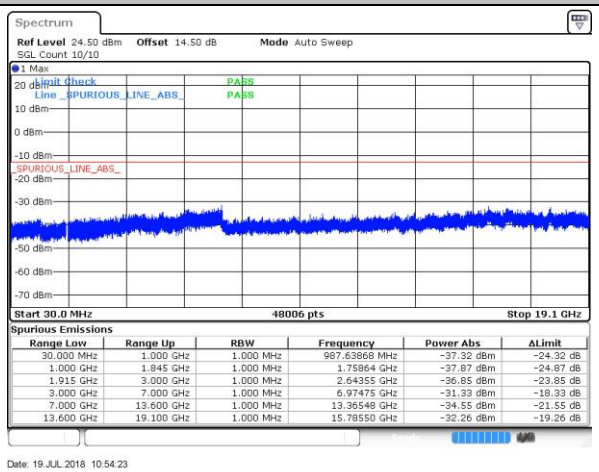
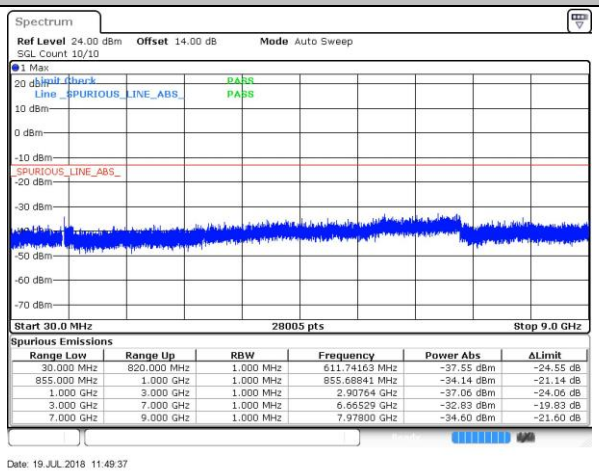
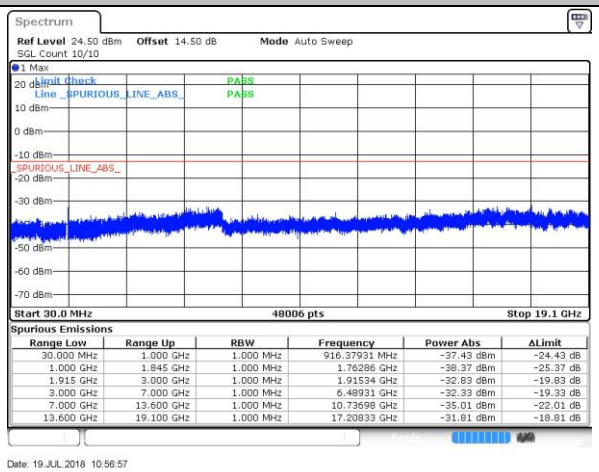
Middle Channel



Highest Channel

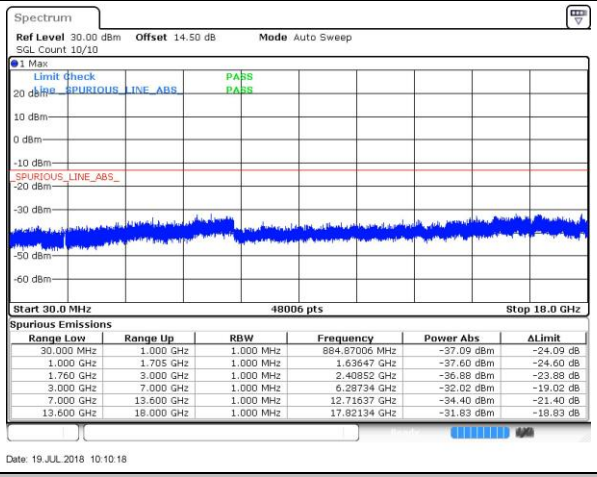


GSM1900 (GSM)	GSM1900 (EDGE class 8)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

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

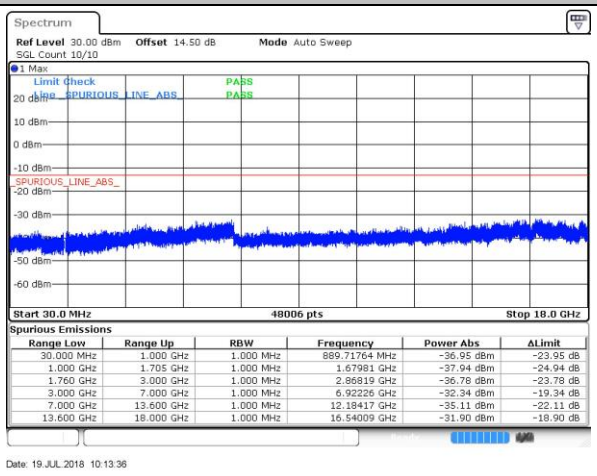


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.87006 MHz	-37.09 dBm	-24.09 dB
1.000 GHz	1.705 GHz	1.000 MHz	1.63647 GHz	-37.60 dBm	-24.60 dB
1.760 GHz	3.000 GHz	1.000 MHz	2.40852 GHz	-36.88 dBm	-23.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.28734 GHz	-32.02 dBm	-19.02 dB
7.000 GHz	13.600 GHz	1.000 MHz	12.71637 GHz	-34.40 dBm	-21.40 dB
13.600 GHz	18.000 GHz	1.000 MHz	17.82134 GHz	-31.83 dBm	-18.83 dB

Date: 19.JUL.2018 10:10:18

Middle Channel

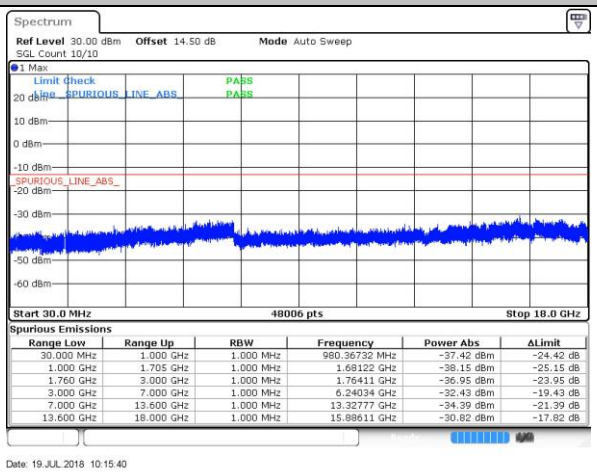


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.71764 MHz	-36.95 dBm	-23.95 dB
1.000 GHz	1.705 GHz	1.000 MHz	1.67981 GHz	-37.94 dBm	-24.94 dB
1.760 GHz	3.000 GHz	1.000 MHz	2.86819 GHz	-36.78 dBm	-23.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92226 GHz	-32.34 dBm	-19.34 dB
7.000 GHz	13.600 GHz	1.000 MHz	12.18417 GHz	-35.11 dBm	-22.11 dB
13.600 GHz	18.000 GHz	1.000 MHz	16.54009 GHz	-31.90 dBm	-18.90 dB

Date: 19.JUL.2018 10:13:36

Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-37.42 dBm	-24.42 dB
1.000 GHz	1.705 GHz	1.000 MHz	1.68122 GHz	-38.15 dBm	-25.15 dB
1.760 GHz	3.000 GHz	1.000 MHz	1.76411 GHz	-36.95 dBm	-23.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.24034 GHz	-32.43 dBm	-19.43 dB
7.000 GHz	13.600 GHz	1.000 MHz	13.32777 GHz	-34.39 dBm	-21.39 dB
13.600 GHz	18.000 GHz	1.000 MHz	15.88611 GHz	-30.82 dBm	-17.82 dB

Date: 19.JUL.2018 10:15:40

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	0.0030	0.0024	PASS
40	Normal Voltage	0.0005	0.0014	
30	Normal Voltage	0.0007	0.0031	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0057	0.0010	
0	Normal Voltage	0.0036	0.0020	
-10	Normal Voltage	0.0112	0.0002	
-20	Normal Voltage	0.0035	0.0012	
-30	Normal Voltage	0.0025	0.0072	
20	Maximum Voltage	0.0017	0.0024	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0039	0.0096	

Note: Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.35 V

Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0002	0.0039	PASS
40	Normal Voltage	0.0005	0.0036	
30	Normal Voltage	0.0010	0.0016	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0027	0.0013	
0	Normal Voltage	0.0032	0.0021	
-10	Normal Voltage	0.0021	0.0024	
-20	Normal Voltage	0.0122	0.0029	
-30	Normal Voltage	0.0029	0.0016	
20	Maximum Voltage	0.0009	0.0012	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0024	0.0005	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.35 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	0.0005	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0156	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0034	

Note: Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.35 V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit
			Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0051	PASS
40	Normal Voltage	0.0099	
30	Normal Voltage	0.0057	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0040	
0	Normal Voltage	0.0058	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0064	
-30	Normal Voltage	0.0081	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0093	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.35 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	0.0044	PASS
40	Normal Voltage	0.0040	
30	Normal Voltage	0.0192	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0031	
0	Normal Voltage	0.0033	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0068	
-30	Normal Voltage	0.0066	
20	Maximum Voltage	0.0048	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.35V

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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-65.17	-13	-52.17	-70.73	-69.56	2.86	9.40	H
	2509.2	-51.54	-13	-38.54	-62.05	-56.25	3.74	10.60	H
	3345.6	-65.77	-13	-52.77	-80.53	-71.77	4.45	12.60	H
	1672.8	-64.76	-13	-51.76	-69.47	-69.15	2.86	9.40	V
	2509.2	-58.32	-13	-45.32	-68.15	-63.03	3.74	10.60	V
	3345.6	-67.01	-13	-54.01	-80.58	-73.01	4.45	12.60	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-66.00	-13	-53.00	-71.56	-70.39	2.86	9.40	H
	2509.2	-61.71	-13	-48.71	-72.13	-66.42	3.74	10.60	H
	3345.6	-65.87	-13	-52.87	-80.63	-71.87	4.45	12.60	H
	1672.8	-64.04	-13	-51.04	-68.75	-68.43	2.86	9.40	V
	2509.2	-65.81	-13	-52.81	-75.64	-70.52	3.74	10.60	V
	3345.6	-66.91	-13	-53.91	-80.48	-72.91	4.45	12.60	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760.00	-56.99	-13	-43.99	-70.61	-64.59	5.00	12.60	H
	5640.00	-57.87	-13	-44.87	-74.47	-63.67	7.30	13.10	H
	7520.00	-59.09	-13	-46.09	-79.07	-62.66	7.73	11.30	H
	3760.00	-49.77	-13	-36.77	-64.1	-57.37	5.00	12.60	V
	5640.00	-57.59	-13	-44.59	-74.12	-63.39	7.30	13.10	V
	7520.00	-59.39	-13	-46.39	-79.03	-62.96	7.73	11.30	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760.00	-54.75	-13	-41.75	-68.37	-62.35	5.00	12.60	H
	5640.00	-60.40	-13	-47.40	-77.00	-66.20	7.30	13.10	H
	7520.00	-59.16	-13	-46.16	-79.14	-62.73	7.73	11.30	H
	3760.00	-49.96	-13	-36.96	-64.29	-57.56	5.00	12.60	V
	5640.00	-57.48	-13	-44.48	-74.01	-63.28	7.30	13.10	V
	7520.00	-59.47	-13	-46.47	-79.11	-63.04	7.73	11.30	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1673.04	-71.49	-13	-58.49	-77.05	-75.88	2.86	9.40	H
	2509.56	-68.60	-13	-55.60	-79.02	-73.31	3.74	10.60	H
	3346.08	-65.35	-13	-52.35	-80.11	-71.35	4.45	12.60	H
	1673.04	-71.93	-13	-58.93	-76.64	-76.32	2.86	9.40	V
	2509.56	-69.12	-13	-56.12	-78.95	-73.83	3.74	10.60	V
	3346.08	-65.60	-13	-52.60	-79.17	-71.60	4.45	12.60	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760.00	-54.60	-13	-41.60	-68.22	-62.20	5.00	12.60	H
	5640.00	-62.28	-13	-49.28	-78.88	-68.08	7.30	13.10	H
	7520.00	-58.99	-13	-45.99	-78.97	-62.56	7.73	11.30	H
	3760.00	-51.40	-13	-38.40	-65.73	-59.00	5.00	12.60	V
	5640.00	-62.32	-13	-49.32	-78.85	-68.12	7.30	13.10	V
	7520.00	-59.63	-13	-46.63	-79.27	-63.20	7.73	11.30	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465.2	-59.91	-13	-46.91	-79.24	-68.14	4.37	12.60	H
	5197.8	-57.73	-13	-44.73	-81.89	-65.49	4.94	12.70	H
	6930.4	-58.13	-13	-45.13	-82.04	-63.51	6.32	11.70	H
	3465.2	-63.07	-13	-50.07	-79.15	-71.30	4.37	12.60	V
	5197.8	-62.53	-13	-49.53	-82.04	-70.29	4.94	12.70	V
	6930.4	-58.37	-13	-45.37	-82.28	-63.75	6.32	11.70	V

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