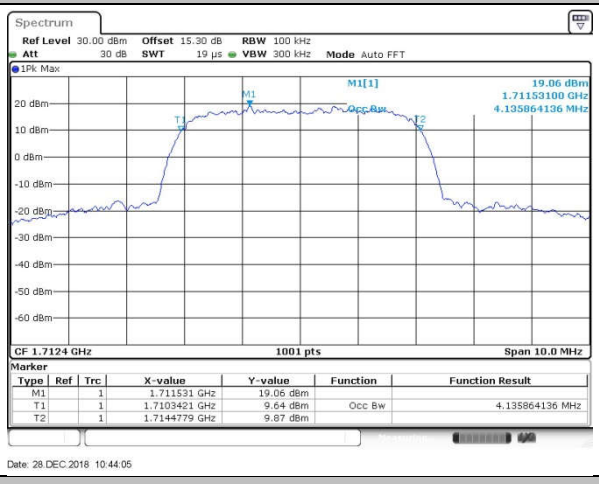
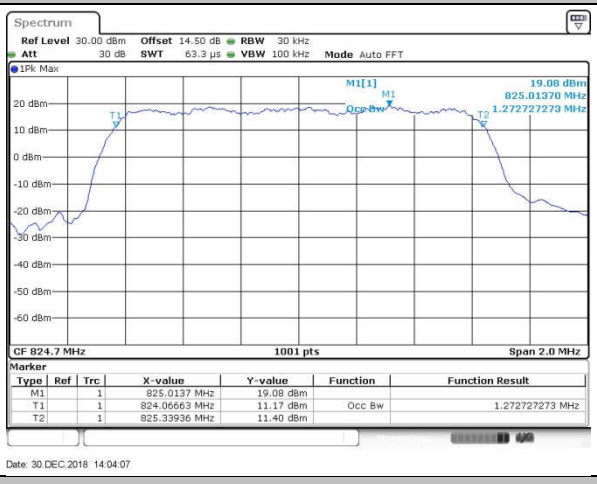
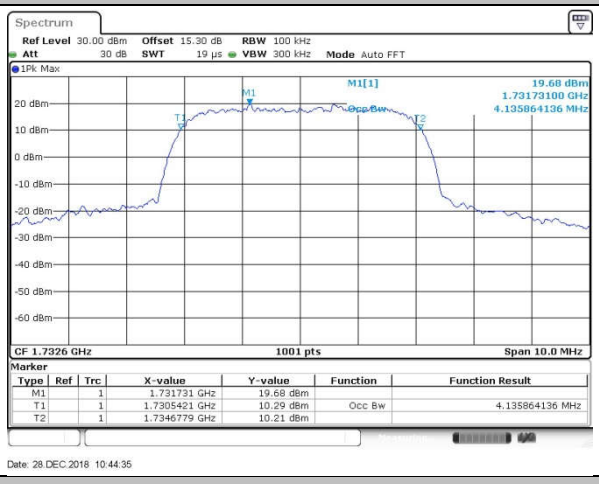
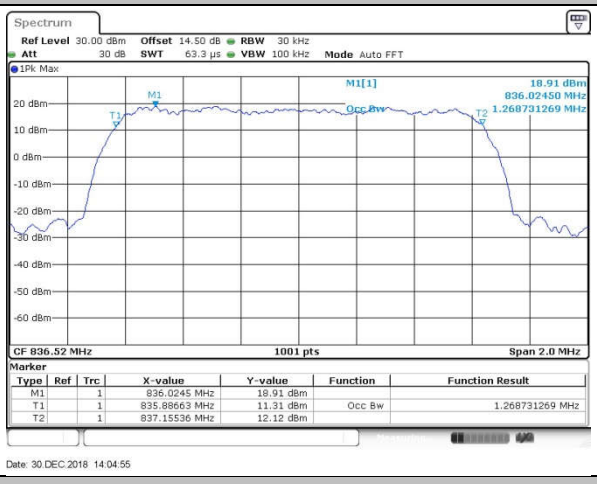
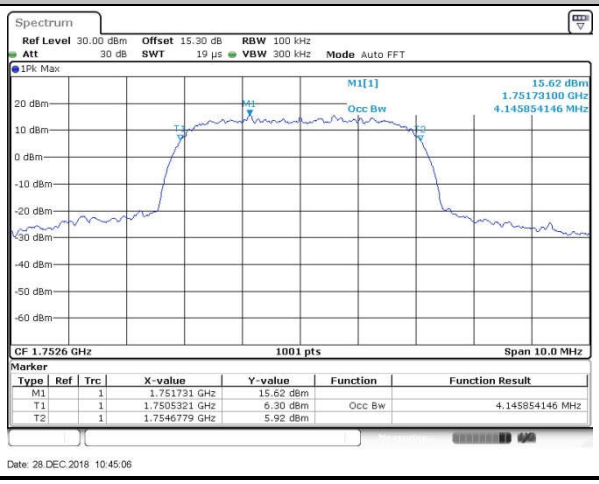
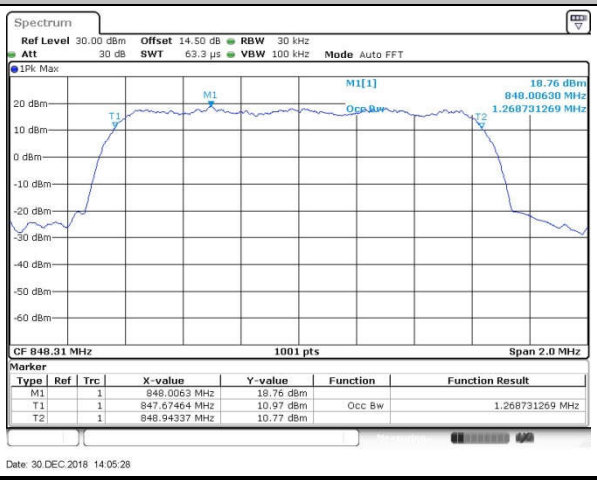
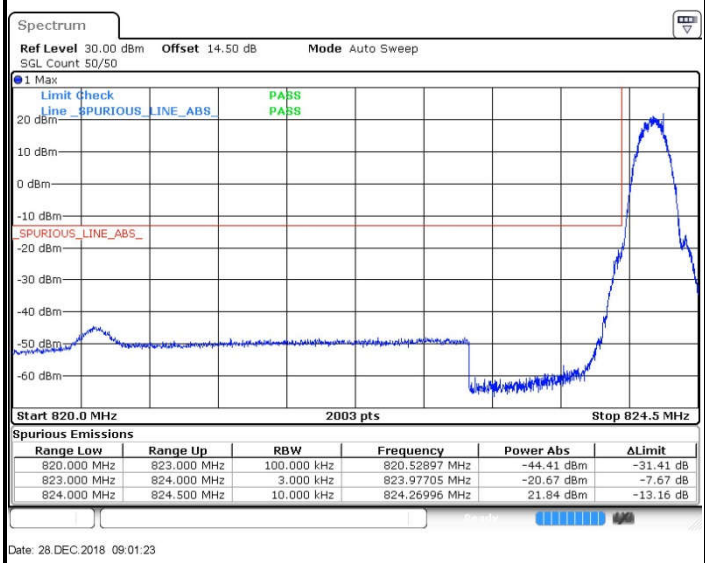
WCDMA Band IV (RMC 12.2Kbps)	CDMA BC0 (1xRTT)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

Conducted Band Edge

GSM850 (GSM)

Lowest Band Edge

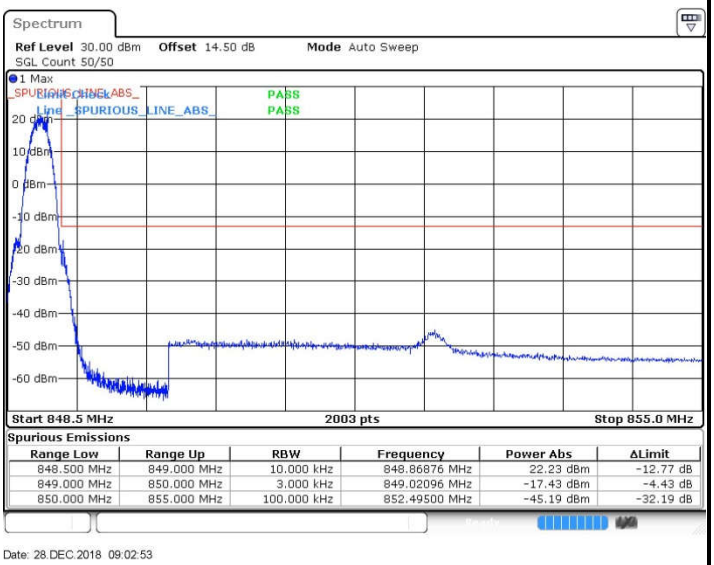


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
820.000 MHz	823.000 MHz	100.000 kHz	820.52897 MHz	-44.41 dBm	-31.41 dB
823.000 MHz	824.000 MHz	3.000 kHz	823.97705 MHz	-20.67 dBm	-7.67 dB
824.000 MHz	824.500 MHz	10.000 kHz	824.26996 MHz	21.84 dBm	-13.16 dB

Date: 28.DEC.2018 09:01:23

Highest Band Edge



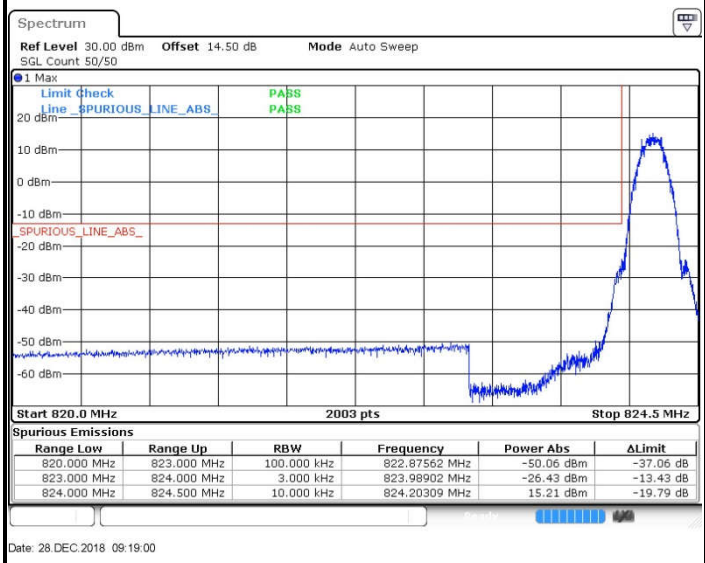
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
848.500 MHz	849.000 MHz	10.000 kHz	848.86876 MHz	22.23 dBm	-12.77 dB
849.000 MHz	850.000 MHz	3.000 kHz	849.02096 MHz	-17.43 dBm	-4.43 dB
850.000 MHz	855.000 MHz	100.000 kHz	852.49500 MHz	-45.19 dBm	-32.19 dB

Date: 28.DEC.2018 09:02:53

GSM850 (EDGE class 8)

Lowest Band Edge

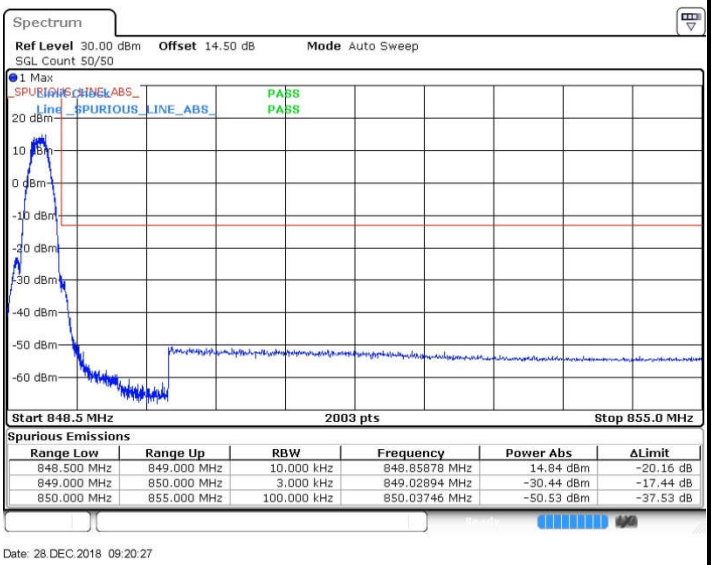


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
820.000 MHz	823.000 MHz	100.000 kHz	822.87562 MHz	-50.06 dBm	-37.06 dB
823.000 MHz	824.000 MHz	3.000 kHz	823.98902 MHz	-26.43 dBm	-13.43 dB
824.000 MHz	824.500 MHz	10.000 kHz	824.20309 MHz	15.21 dBm	-19.79 dB

Date: 28.DEC.2018 09:19:00

Highest Band Edge



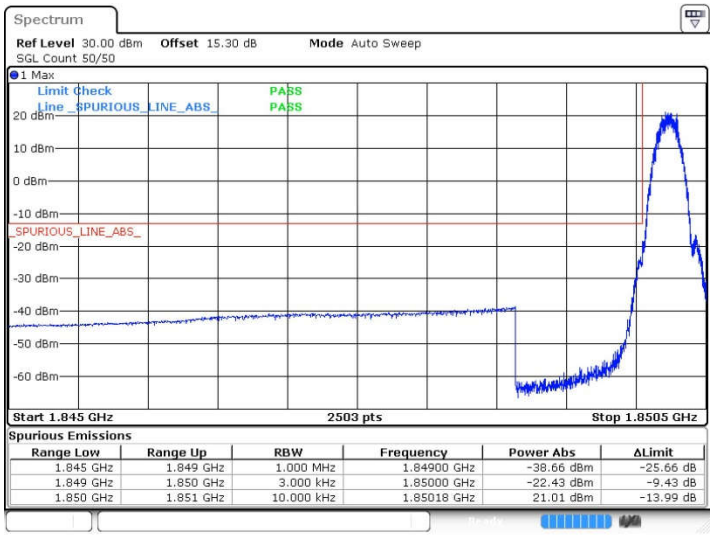
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
848.500 MHz	849.000 MHz	10.000 kHz	848.85878 MHz	14.84 dBm	-20.16 dB
849.000 MHz	850.000 MHz	3.000 kHz	849.02894 MHz	-30.44 dBm	-17.44 dB
850.000 MHz	855.000 MHz	100.000 kHz	850.03746 MHz	-50.53 dBm	-37.53 dB

Date: 28.DEC.2018 09:20:27

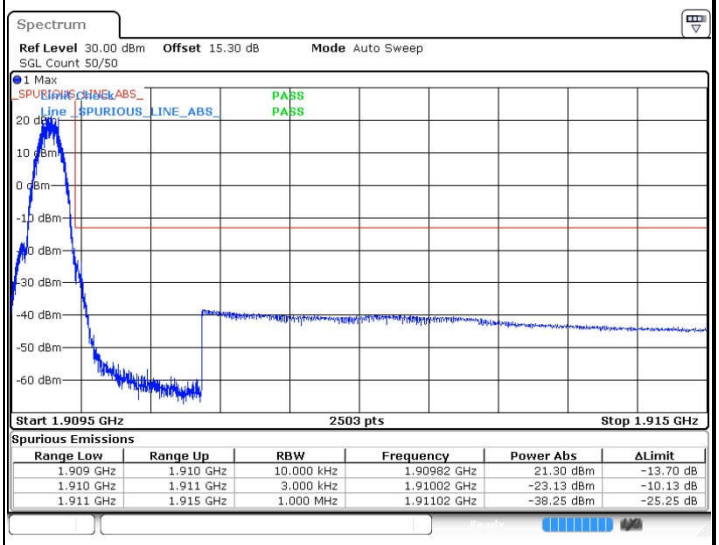
GSM1900 (GSM)

Lowest Band Edge



Date: 28.DEC.2018 09:39:11

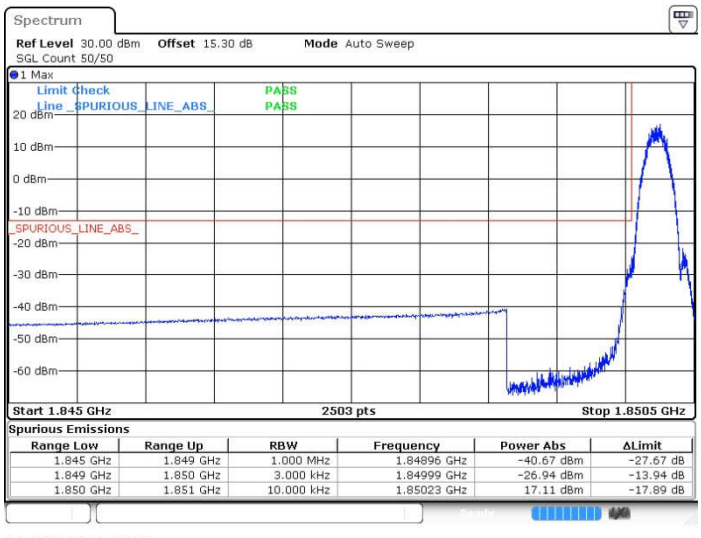
Highest Band Edge



Date: 28.DEC.2018 09:40:39

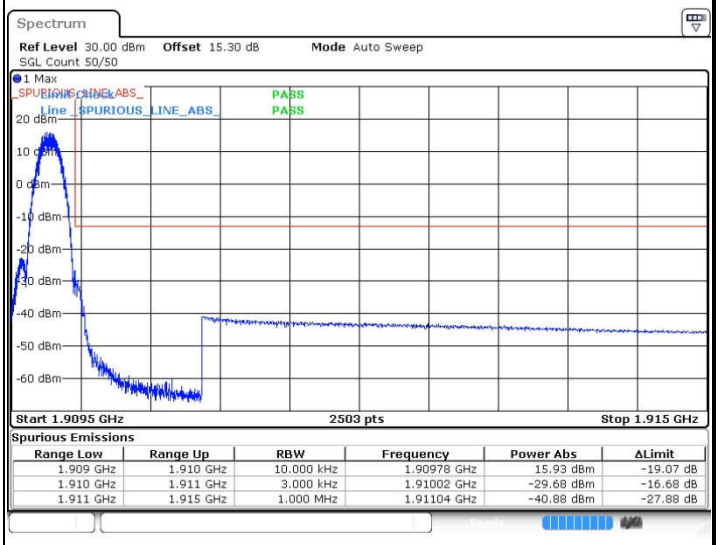
GSM1900 (EDGE class 8)

Lowest Band Edge



Date: 30.DEC.2018 12:00:06

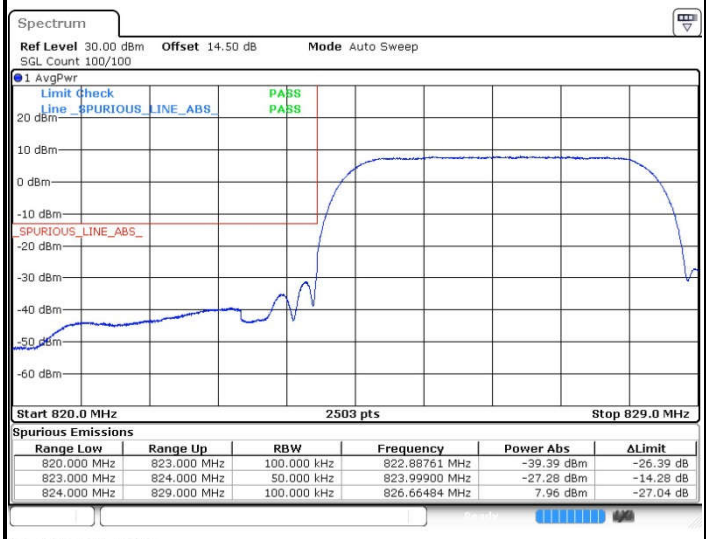
Highest Band Edge



Date: 30.DEC.2018 12:01:36

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

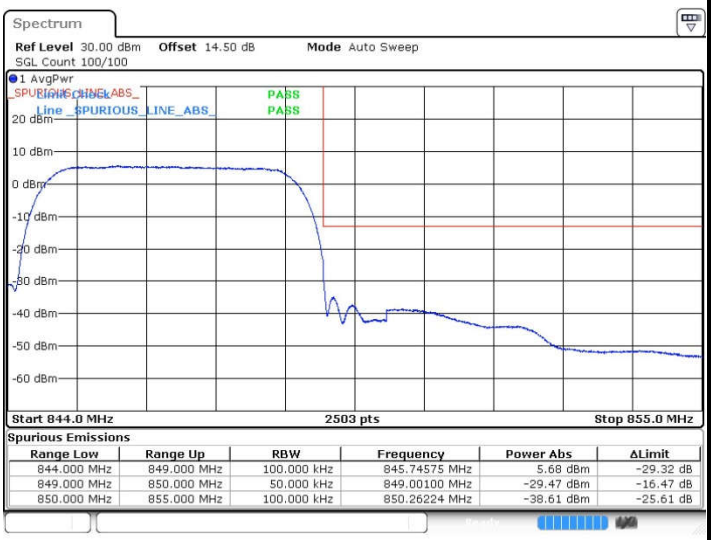


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
820.000 MHz	823.000 MHz	100.000 kHz	822.88761 MHz	-39.39 dBm	-26.39 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99900 MHz	-27.28 dBm	-14.28 dB
824.000 MHz	829.000 MHz	100.000 kHz	826.66484 MHz	7.96 dBm	-27.04 dB

Date: 28.DEC.2018 10:13:06

Highest Band Edge



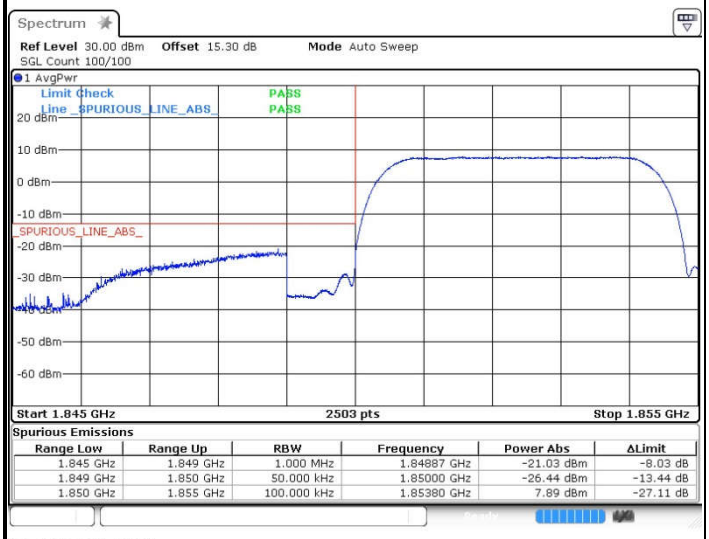
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	845.74575 MHz	5.68 dBm	-29.32 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00100 MHz	-29.47 dBm	-16.47 dB
850.000 MHz	855.000 MHz	100.000 kHz	850.26224 MHz	-38.61 dBm	-25.61 dB

Date: 28.DEC.2018 10:15:50

WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge

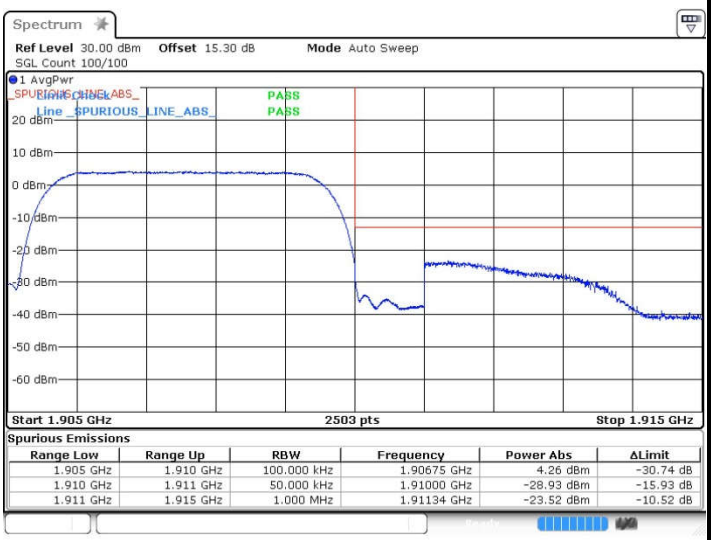


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.845 GHz	1.849 GHz	1.000 MHz	1.84887 GHz	-21.03 dBm	-8.03 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-26.44 dBm	-13.44 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85380 GHz	7.89 dBm	-27.11 dB

Date: 28.DEC.2018 10:31:25

Highest Band Edge



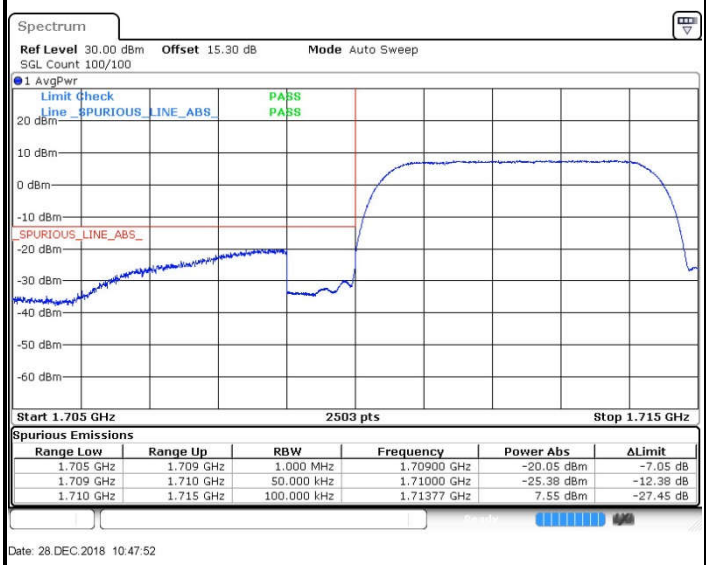
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90675 GHz	4.26 dBm	-30.74 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-28.93 dBm	-15.93 dB
1.911 GHz	1.915 GHz	1.000 MHz	1.91134 GHz	-23.52 dBm	-10.52 dB

Date: 28.DEC.2018 10:34:09

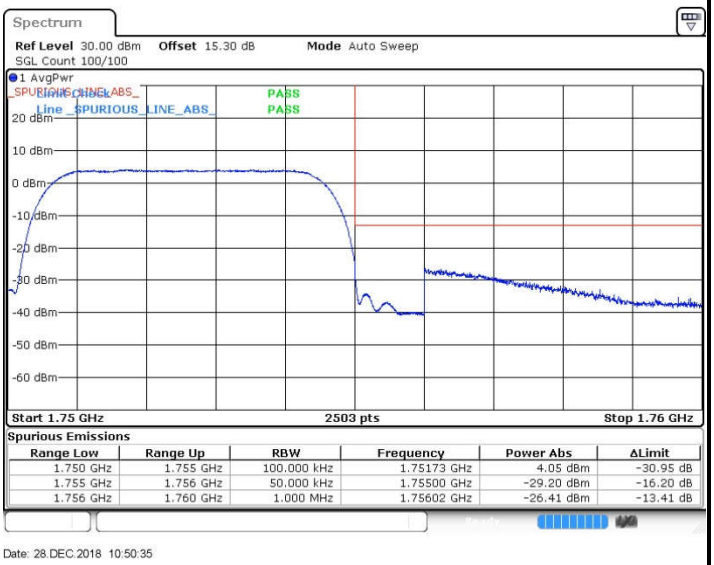
WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge



Date: 28.DEC.2018 10:47:52

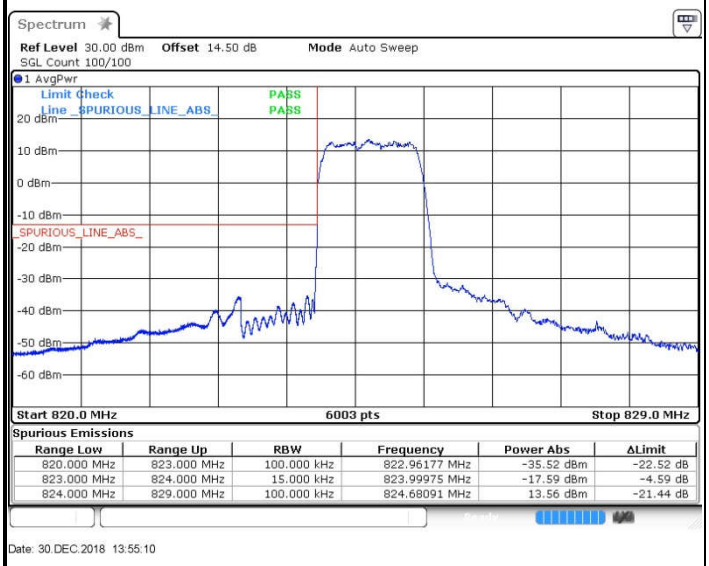
Highest Band Edge



Date: 28.DEC.2018 10:50:35

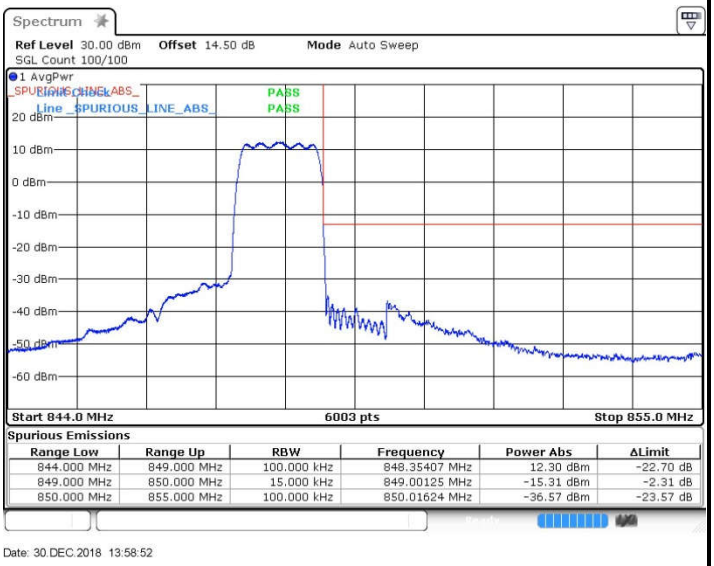
CDMA BC0 (1xRTT)

Lowest Band Edge



Date: 30.DEC.2018 13:55:10

Highest Band Edge

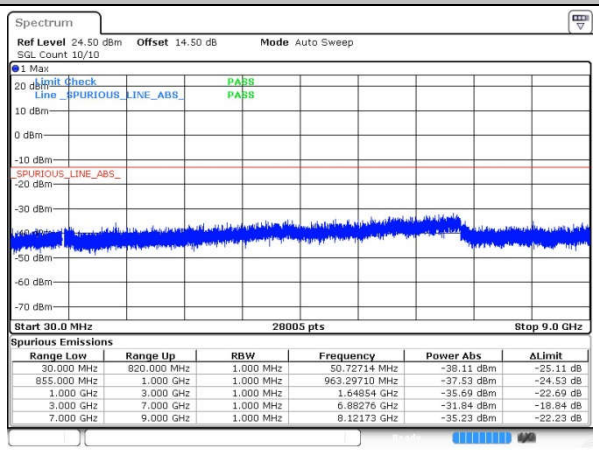


Date: 30.DEC.2018 13:58:52

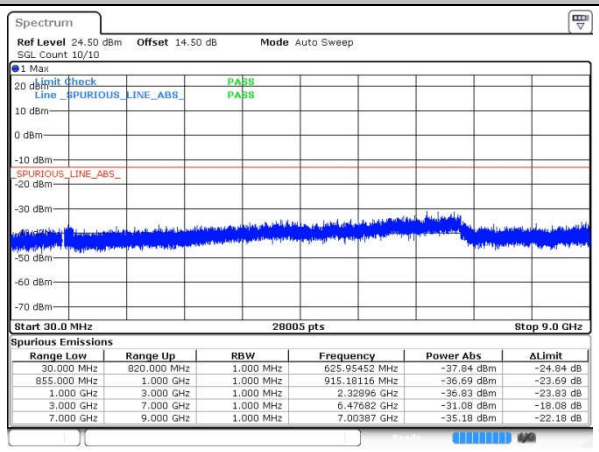
Conducted Spurious Emission

GSM850 (GSM)

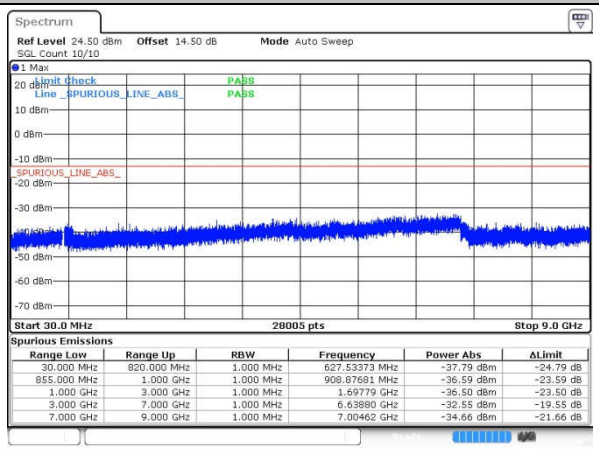
Lowest Channel



Middle Channel

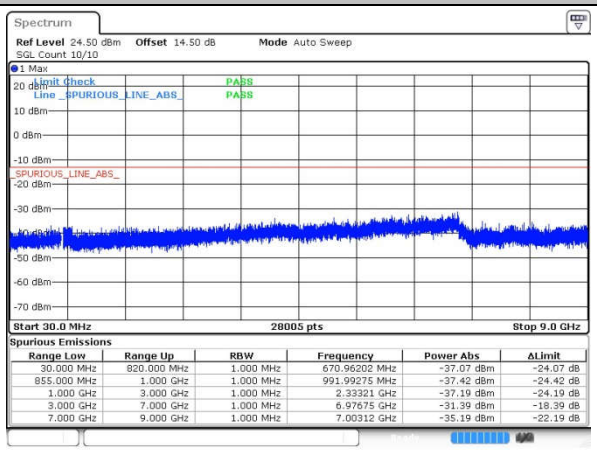


Highest Channel

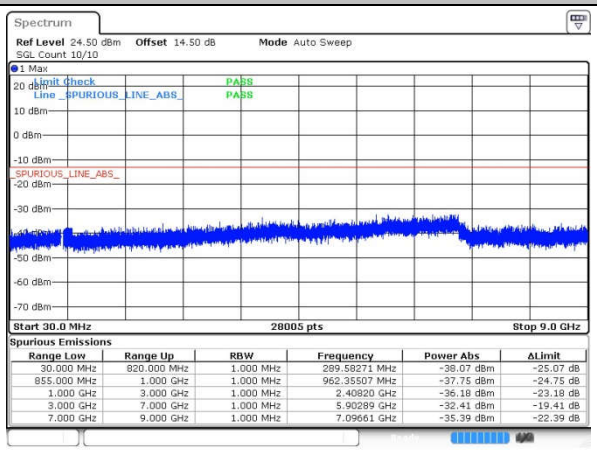


GSM850 (EDGE class 8)

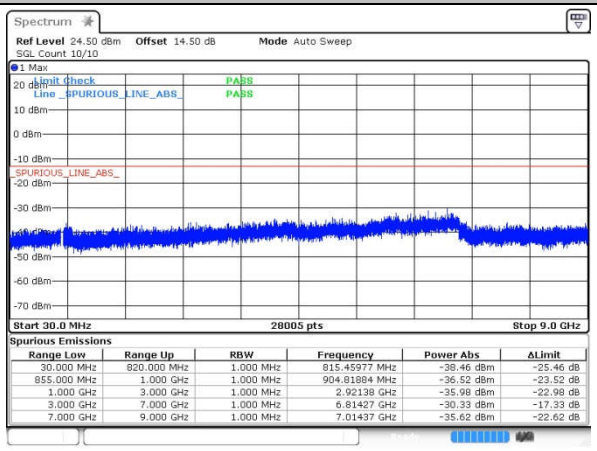
Lowest Channel

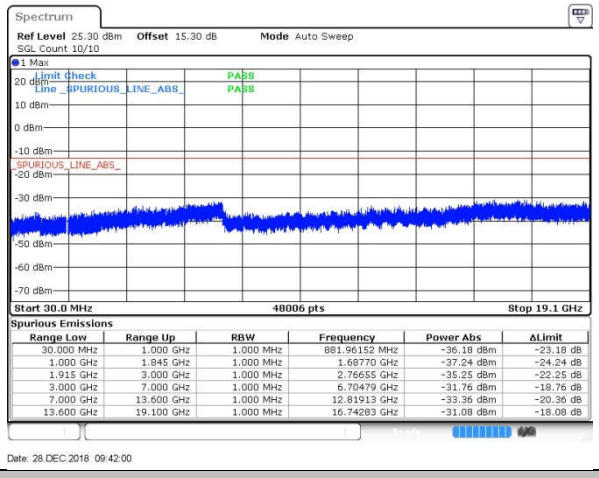
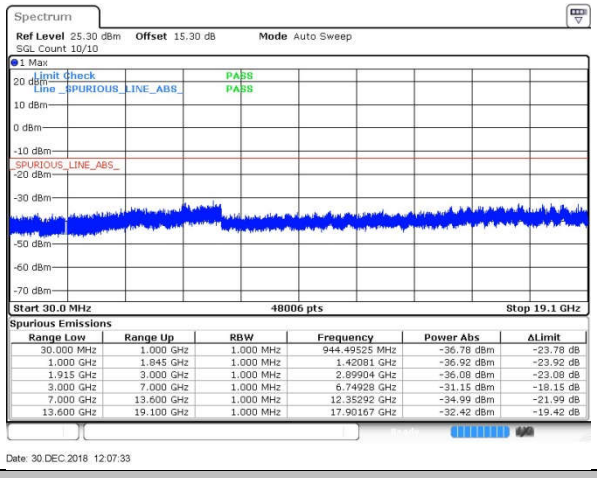
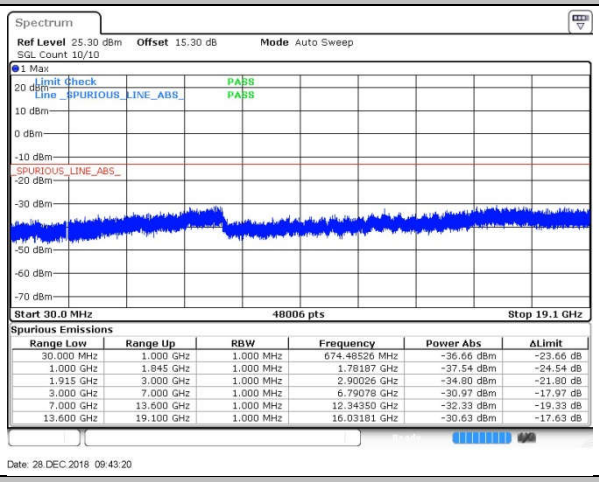
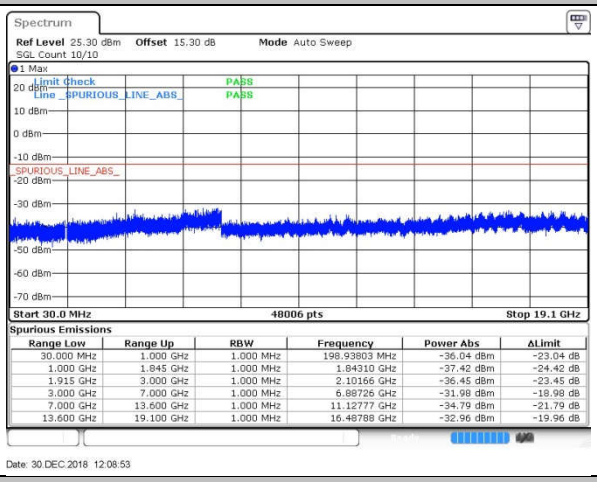
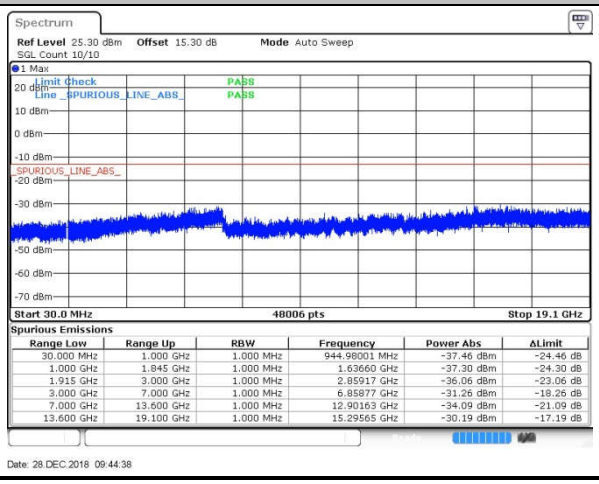
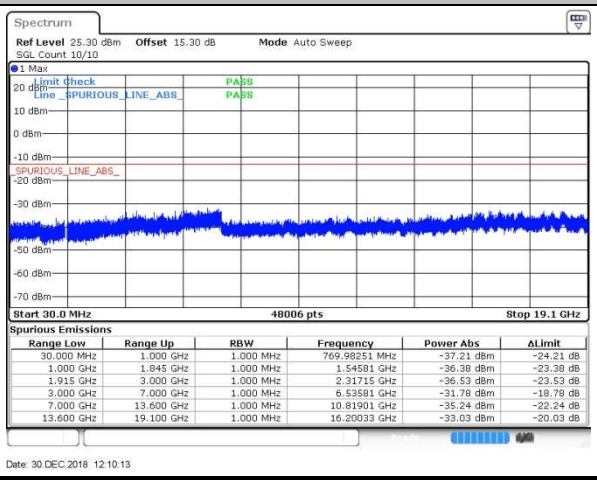


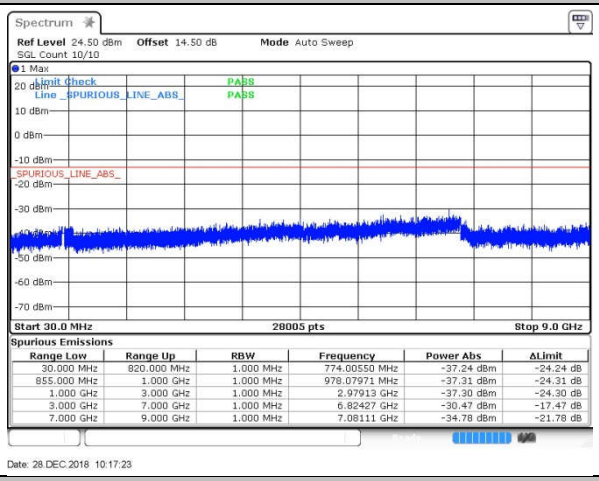
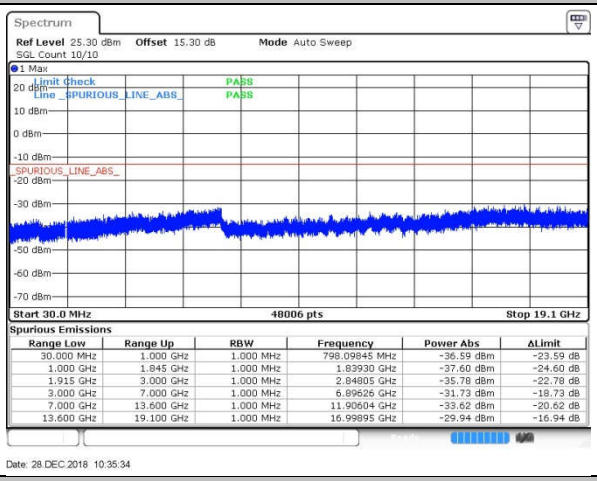
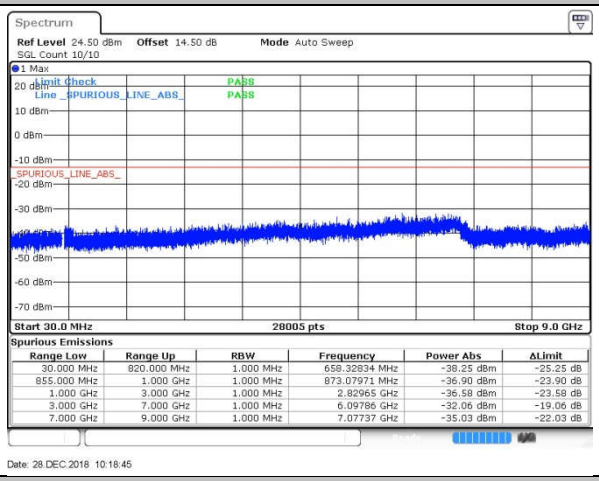
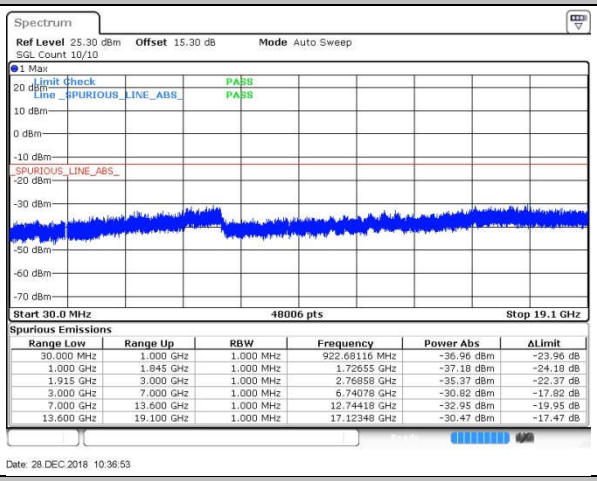
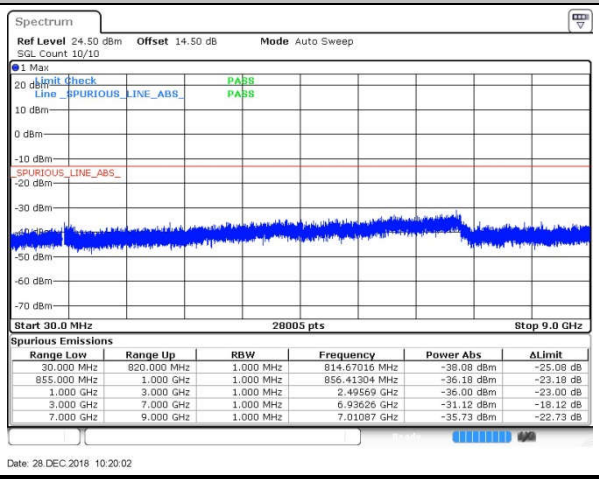
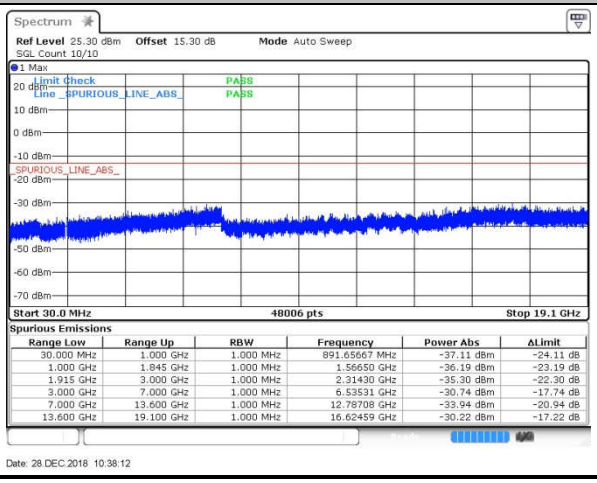
Middle Channel

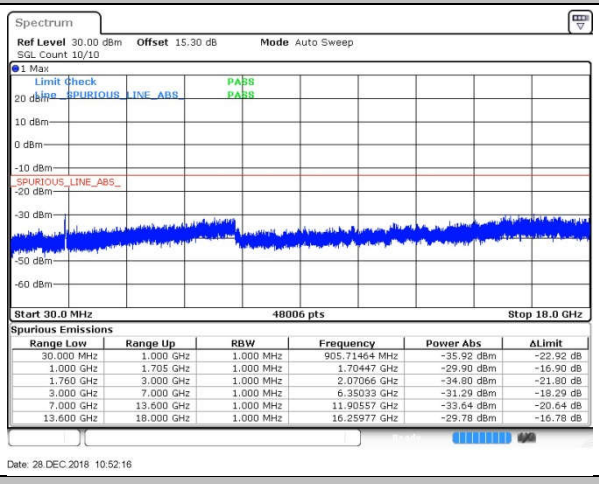
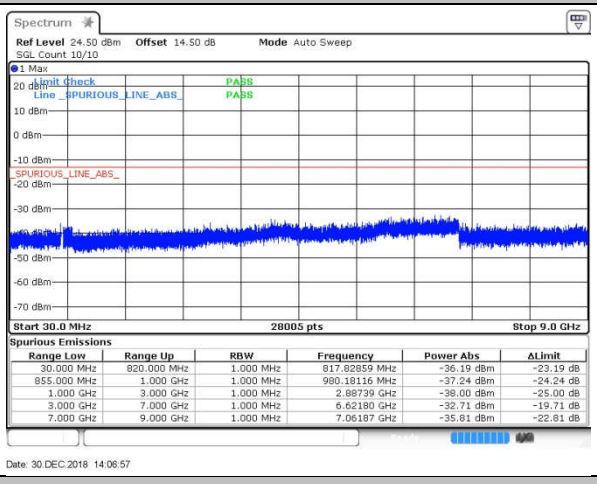
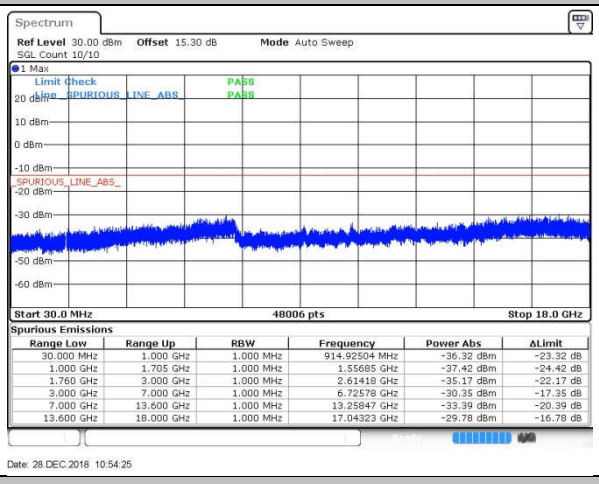
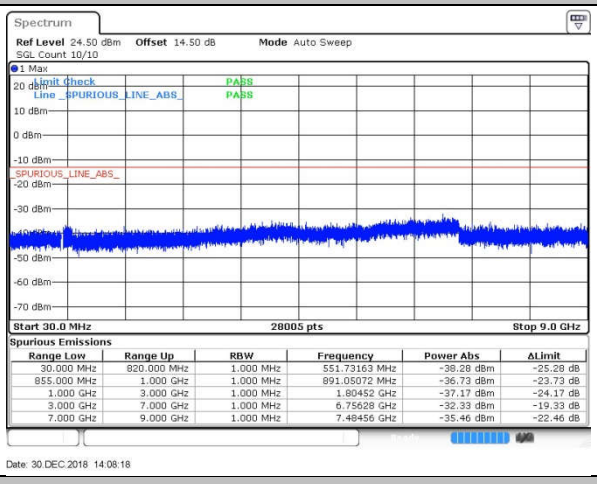
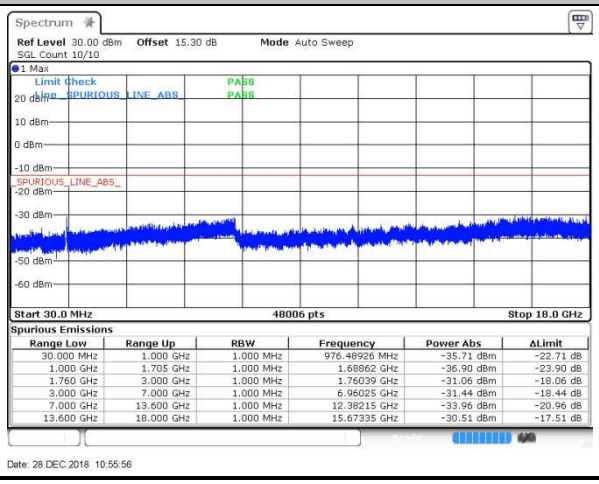
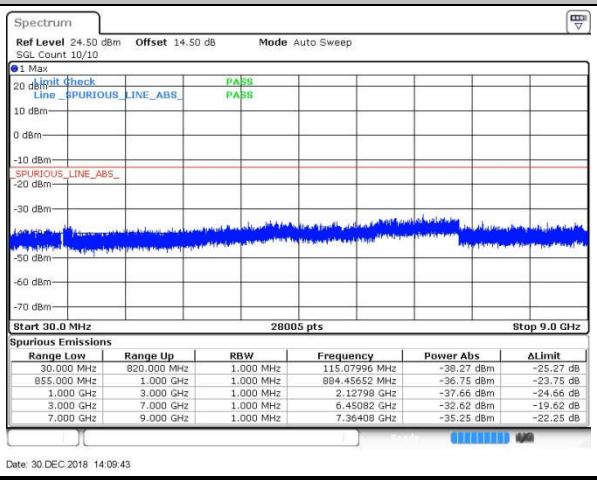


Highest Channel



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)	CDMA BC0 (1xRTT)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

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	0.0048	0.0060	PASS
40	Normal Voltage	0.0526	0.0167	
30	Normal Voltage	0.0120	0.0538	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0574	0.0335	
0	Normal Voltage	0.0191	0.0538	
-10	Normal Voltage	0.0084	0.0466	
-20	Normal Voltage	0.0143	0.0167	
-30	Normal Voltage	0.0108	0.0478	
20	Maximum Voltage	0.0466	0.0514	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0395	0.0395	

Note: Normal Voltage = 3.85V. ；Battery End Point (BEP) = 3.7V.；Maximum Voltage =4.4V

Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0053	0.0005	PASS
40	Normal Voltage	0.0016	0.0016	
30	Normal Voltage	0.0027	0.0021	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0170	0.0255	
0	Normal Voltage	0.0074	0.0186	
-10	Normal Voltage	0.0160	0.0011	
-20	Normal Voltage	0.0218	0.0037	
-30	Normal Voltage	0.0005	0.0213	
20	Maximum Voltage	0.0053	0.0160	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0133	0.0011	

Note:

1. Normal Voltage = 3.85V. ；Battery End Point (BEP) =3.7V.；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 12.2KbpsRMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0060	PASS
40	Normal Voltage	0.0395	
30	Normal Voltage	0.0442	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0072	
0	Normal Voltage	0.0323	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0167	
-30	Normal Voltage	0.0311	
20	Maximum Voltage	0.0442	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note: Normal Voltage = 3.85V. ；Battery End Point (BEP) = 3.7V.；Maximum Voltage =4.4V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0186	PASS
40	Normal Voltage	0.0128	
30	Normal Voltage	0.0165	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0117	
0	Normal Voltage	0.0154	
-10	Normal Voltage	0.0239	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0117	
20	Maximum Voltage	0.0165	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0032	

Note:

1. Normal Voltage = 3.85V. ；Battery End Point (BEP) =3.7V.；Maximum Voltage =4.4V
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	0.0069	PASS
40	Normal Voltage	0.0156	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0058	
-10	Normal Voltage	0.0150	
-20	Normal Voltage	0.0167	
-30	Normal Voltage	0.0092	
20	Maximum Voltage	0.0092	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0167	

Note:

1. Normal Voltage = 3.85V. ；Battery End Point (BEP) =3.7V.；Maximum Voltage =4.4V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions	Middle Channel	CDMA BC0 (1xRTT)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0311	PASS
40	Normal Voltage	0.0084	
30	Normal Voltage	0.0179	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0323	
0	Normal Voltage	0.0167	
-10	Normal Voltage	0.0299	
-20	Normal Voltage	0.0096	
-30	Normal Voltage	0.0072	
20	Maximum Voltage	0.0406	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0155	

Note: Normal Voltage = 3.85V. ；Battery End Point (BEP) = 3.7V.；Maximum Voltage =4.4V

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	-50.19	-13	-37.19	-57.16	1.58	10.70	H
	2510	-40.53	-13	-27.53	-48.78	2.102	12.50	H
	3348	-62.99	-13	-49.99	-71.88	2.856	13.90	H
	1672	-55.46	-13	-42.46	-62.43	1.58	10.70	V
	2510	-49.30	-13	-36.30	-57.55	2.10	12.50	V
	3348	-62.49	-13	-49.49	-71.38	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	-60.22	-13	-47.22	-67.19	1.58	10.70	H
	2510	-55.29	-13	-42.29	-63.54	2.102	12.50	H
	3348	-62.80	-13	-49.80	-71.69	2.856	13.90	H
	1672	-66.40	-13	-53.40	-73.37	1.58	10.70	V
	2508	-63.03	-13	-50.03	-71.28	2.10	12.50	V
	3348	-62.64	-13	-49.64	-71.53	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	-51.54	-13	-38.54	-63.80	2.641	14.90	H
	5640	-37.00	-13	-24.00	-48.86	2.94	14.80	H
	7521	-52.84	-13	-39.84	-62.61	3.39	13.16	H
	3759	-50.13	-13	-37.13	-62.39	2.64	14.90	V
	5640	-46.62	-13	-33.62	-58.48	2.94	14.80	V
	7521	-52.46	-13	-39.46	-62.23	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	3759	-59.73	-13	-46.73	-71.99	2.641	14.90	H
	5640	-52.73	-13	-39.73	-64.59	2.94	14.80	H
	7521	-53.06	-13	-40.06	-62.83	3.39	13.16	H
	3759	-59.50	-13	-46.50	-71.76	2.64	14.90	V
	5640	-56.36	-13	-43.36	-68.22	2.94	14.80	V
	7521	-52.68	-13	-39.68	-62.45	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	-66.92	-13	-53.92	-73.89	1.58	10.70	H
	2509	-63.29	-13	-50.29	-71.54	2.102	12.50	H
	3348	-62.94	-13	-49.94	-71.83	2.856	13.90	H
	1770	-56.72	-13	-43.72	-63.69	1.58	10.70	V
	2509	-62.93	-13	-49.93	-71.18	2.10	12.50	V
	3348	-62.44	-13	-49.44	-71.33	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	-59.65	-13	-46.65	-71.91	2.641	14.90	H
	5640	-56.89	-13	-43.89	-68.75	2.94	14.80	H
	7521	-53.21	-13	-40.21	-62.98	3.39	13.16	H
	3759	-58.84	-13	-45.84	-71.10	2.64	14.90	V
	5640	-56.45	-13	-43.45	-68.31	2.94	14.80	V
	7521	-52.37	-13	-39.37	-62.14	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	-62.60	-13	-49.60	-73.34	2.604	13.34	H
	5197.8	-58.41	-13	-45.41	-68.92	3.011	13.52	H
	6930	-54.68	-13	-41.68	-64.88	3.271	13.47	H
	3465	-62.21	-13	-49.21	-72.95	2.604	13.34	V
	5197.8	-58.54	-13	-45.54	-69.05	3.011	13.52	V
	6930	-54.62	-13	-41.62	-64.82	3.271	13.47	V

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

CDMA BC0(1xRTT)								
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	-62.53	-13	-49.53	-69.5	1.58	10.70	H
	2508	-37.30	-13	-24.30	-45.55	2.102	12.50	H
	3348	-65.09	-13	-52.09	-73.98	2.856	13.90	H
	1674	-65.63	-13	-52.63	-72.6	1.58	10.70	V
	2510	-49.48	-13	-36.48	-57.73	2.10	12.50	V
	3348	-64.79	-13	-51.79	-73.68	2.86	13.90	V

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