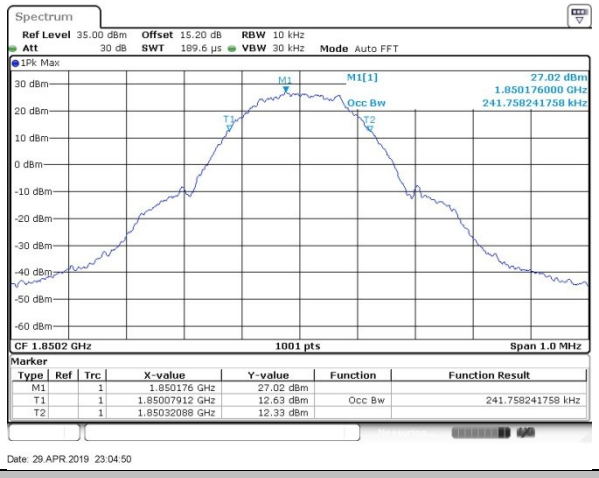
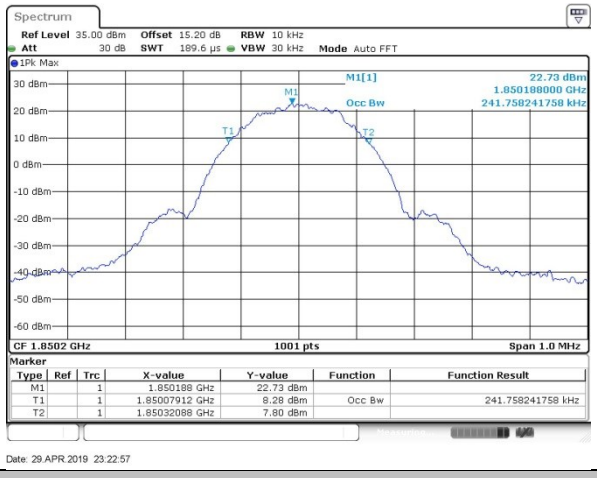
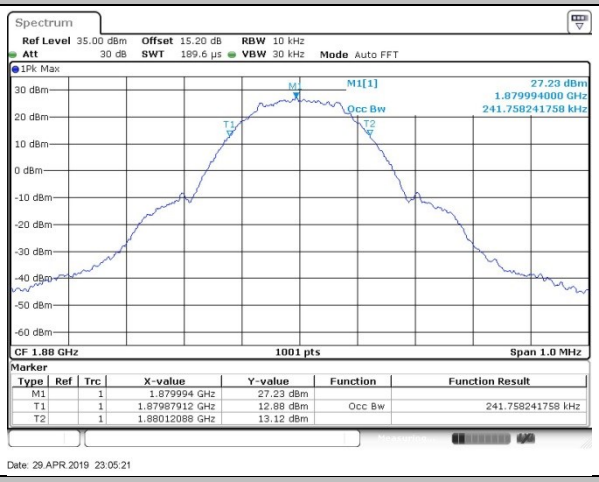
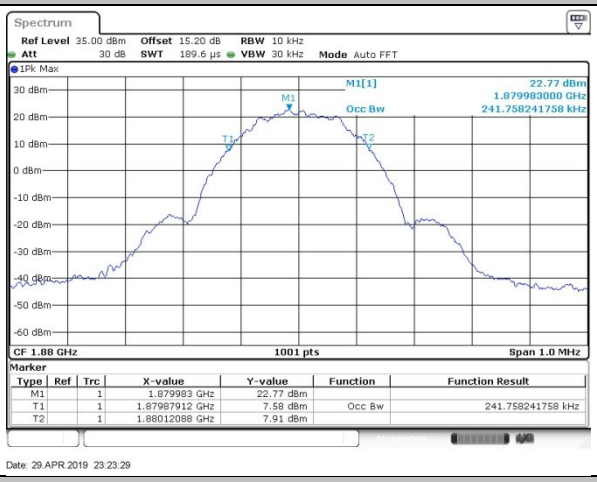
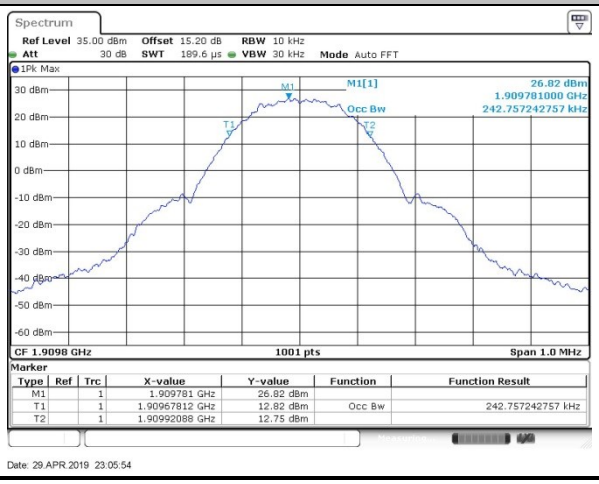
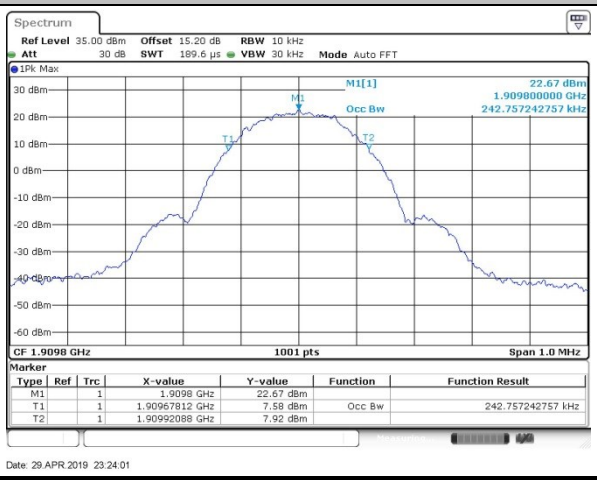
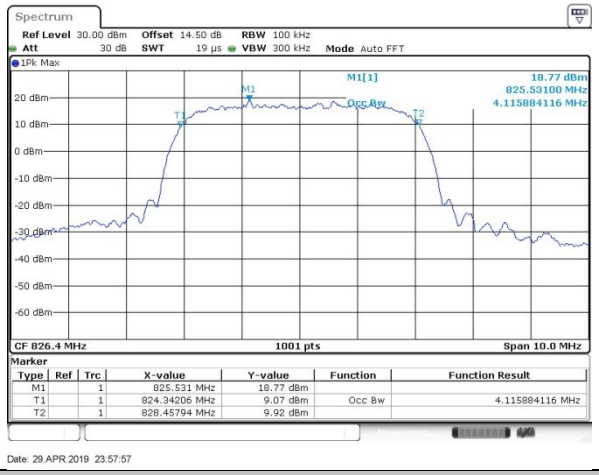
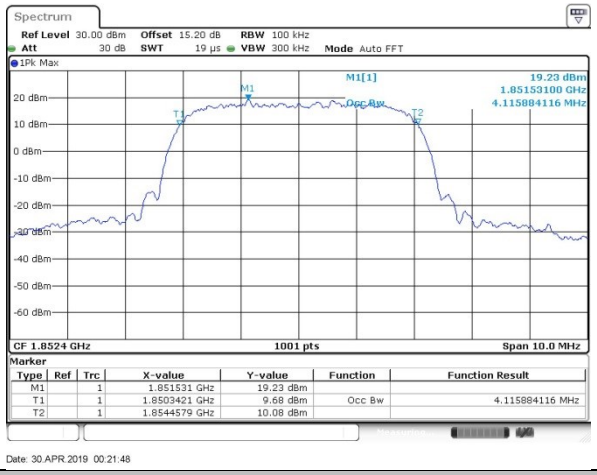
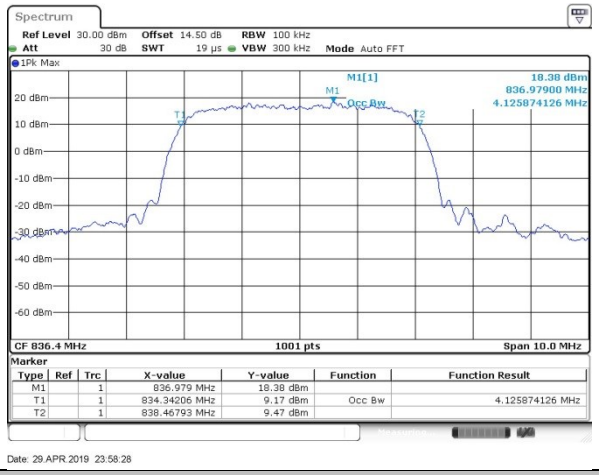
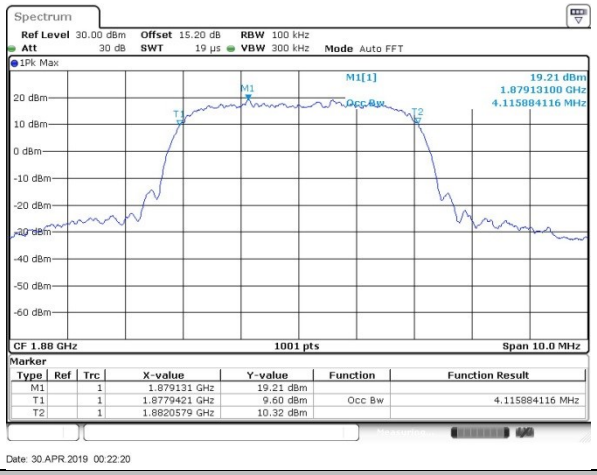
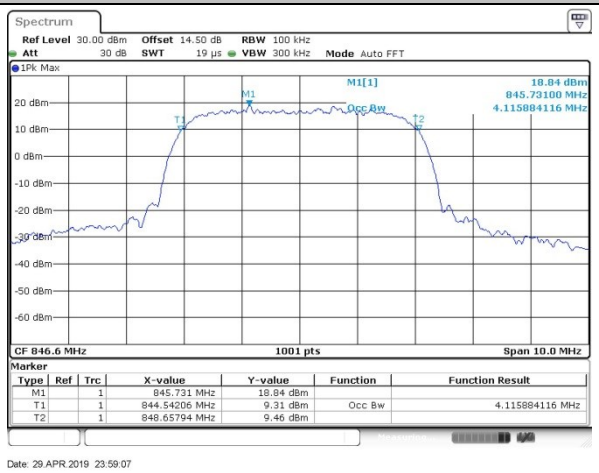
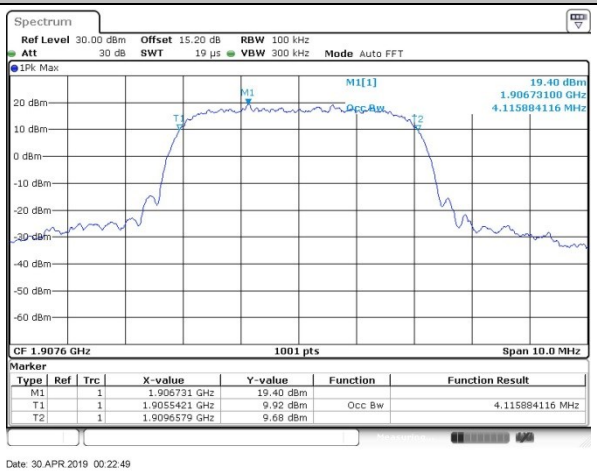
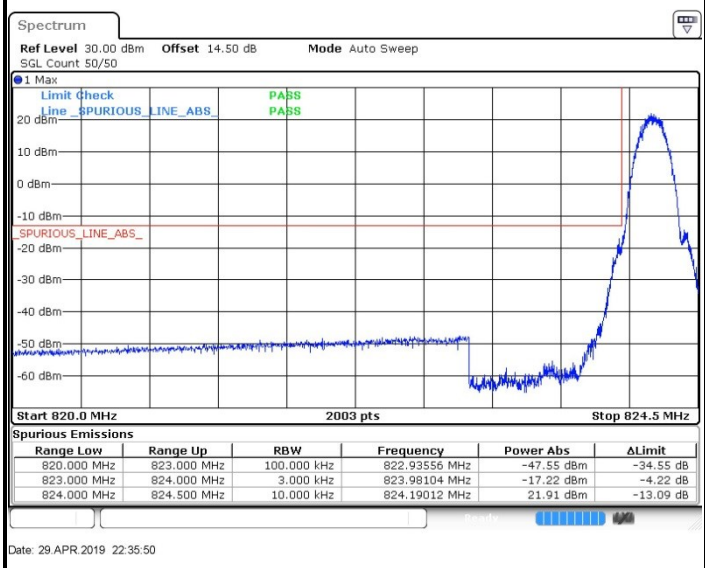
GSM1900 (GSM)	GSM1900 (EDGE class 8)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

Conducted Band Edge

GSM850 (GSM)

Lowest Band Edge

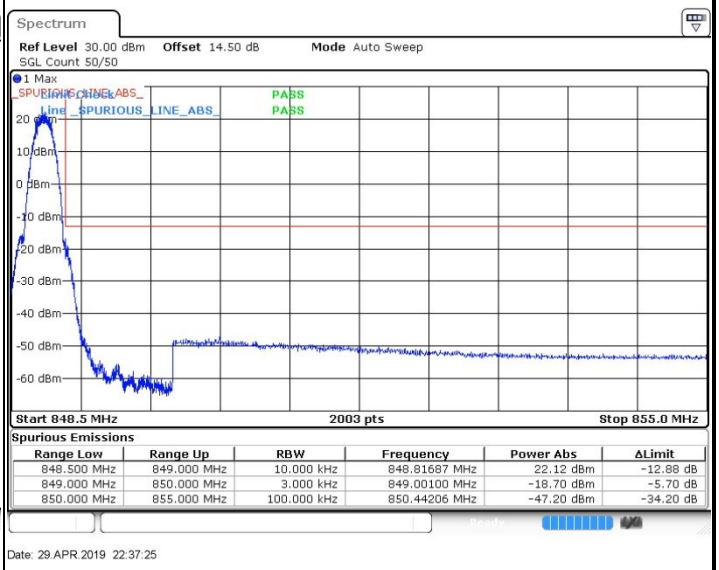


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
820.000 MHz	823.000 MHz	100.000 kHz	822.93556 MHz	-47.55 dBm	-34.55 dB
823.000 MHz	824.000 MHz	3.000 kHz	823.98104 MHz	-17.22 dBm	-4.22 dB
824.000 MHz	824.500 MHz	10.000 kHz	824.19012 MHz	21.91 dBm	-13.09 dB

Date: 29.APR.2019 22:35:50

Highest Band Edge



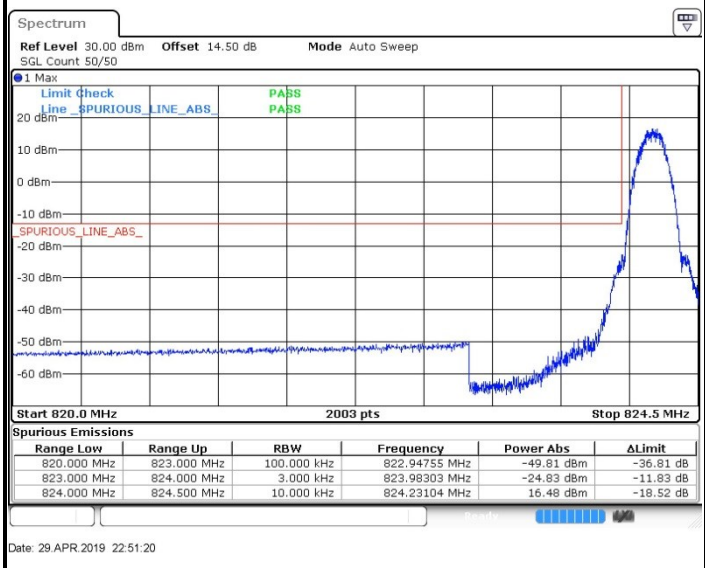
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
848.500 MHz	849.000 MHz	10.000 kHz	848.81687 MHz	22.12 dBm	-12.88 dB
849.000 MHz	850.000 MHz	3.000 kHz	849.00100 MHz	-18.70 dBm	-5.70 dB
850.000 MHz	855.000 MHz	100.000 kHz	850.44206 MHz	-47.20 dBm	-34.20 dB

Date: 29.APR.2019 22:37:25

GSM850 (EDGE class 8)

Lowest Band Edge

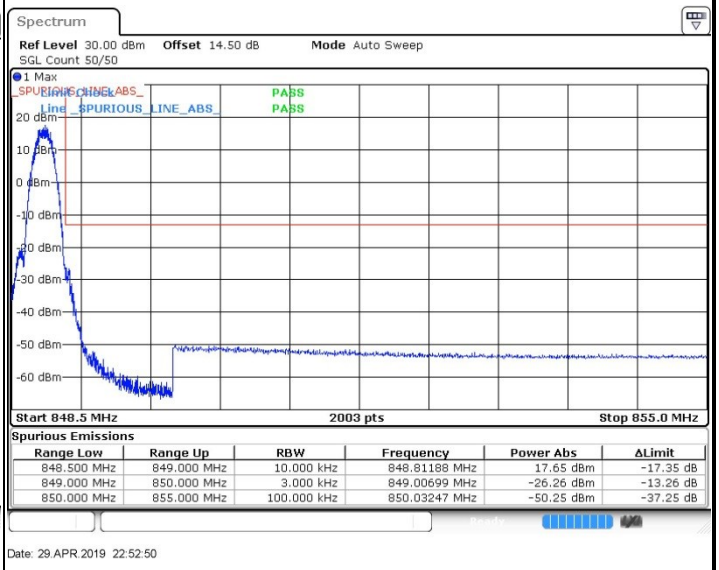


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
820.000 MHz	823.000 MHz	100.000 kHz	822.94755 MHz	-49.81 dBm	-36.81 dB
823.000 MHz	824.000 MHz	3.000 kHz	823.98303 MHz	-24.83 dBm	-11.83 dB
824.000 MHz	824.500 MHz	10.000 kHz	824.23104 MHz	16.48 dBm	-18.52 dB

Date: 29.APR.2019 22:51:20

Highest Band Edge



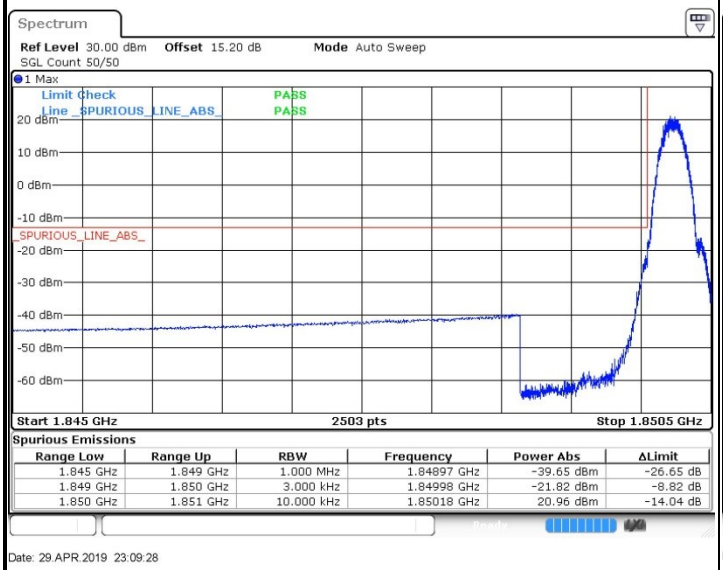
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
848.500 MHz	849.000 MHz	10.000 kHz	848.81188 MHz	17.65 dBm	-17.35 dB
849.000 MHz	850.000 MHz	3.000 kHz	849.00699 MHz	-26.26 dBm	-13.26 dB
850.000 MHz	855.000 MHz	100.000 kHz	850.03247 MHz	-50.25 dBm	-37.25 dB

Date: 29.APR.2019 22:52:50

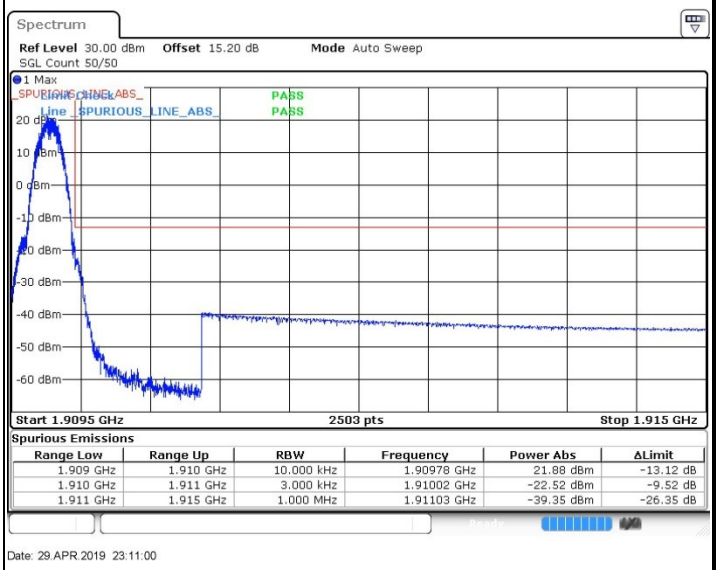
GSM1900 (GSM)

Lowest Band Edge



Date: 29.APR.2019 23:09:28

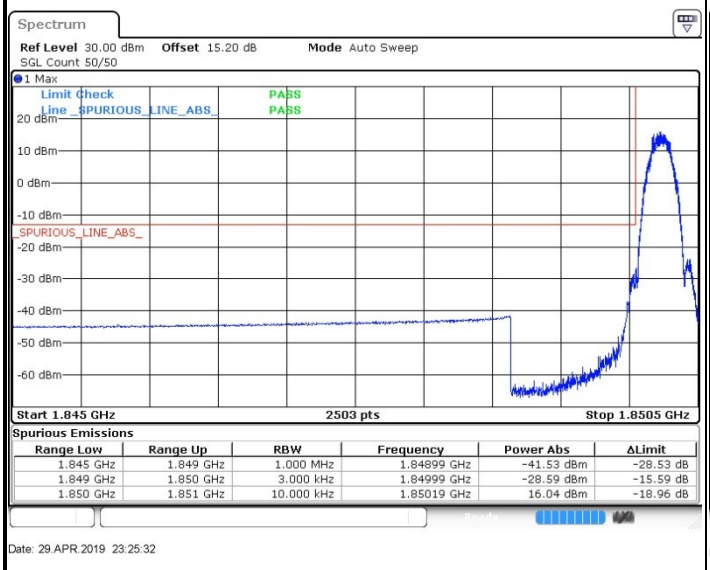
Highest Band Edge



Date: 29.APR.2019 23:11:00

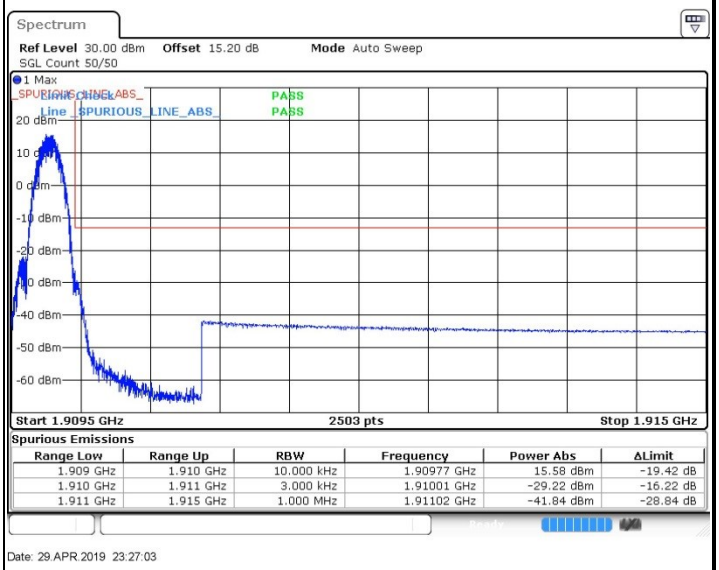
GSM1900 (EDGE class 8)

Lowest Band Edge



Date: 29.APR.2019 23:25:32

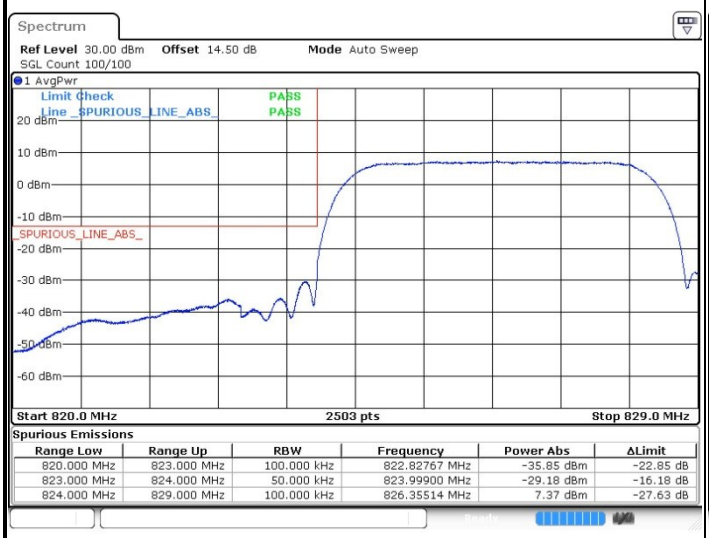
Highest Band Edge



Date: 29.APR.2019 23:27:03

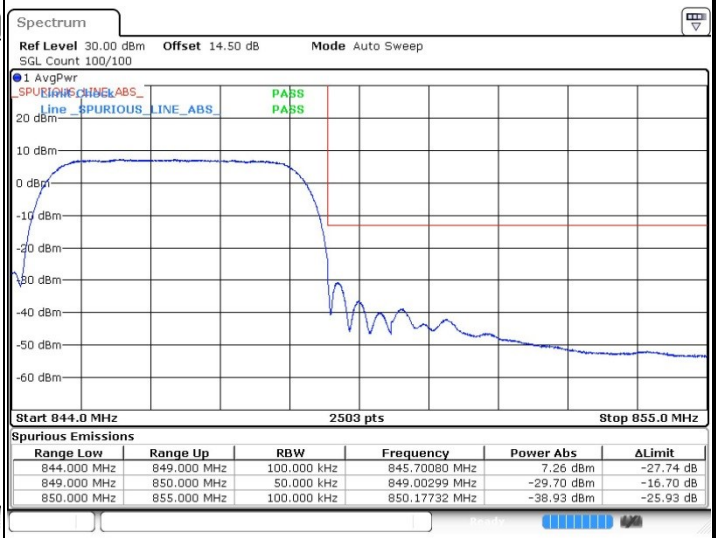
WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



Date: 30.APR.2019 00:01:53

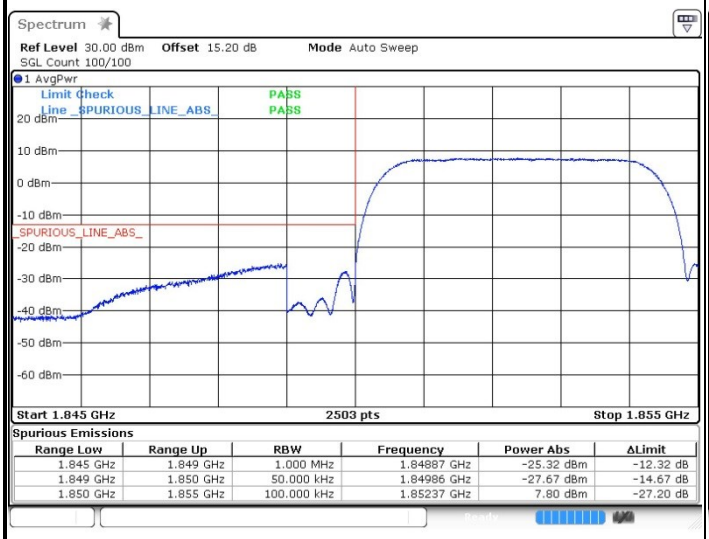
Highest Band Edge



Date: 30.APR.2019 00:04:39

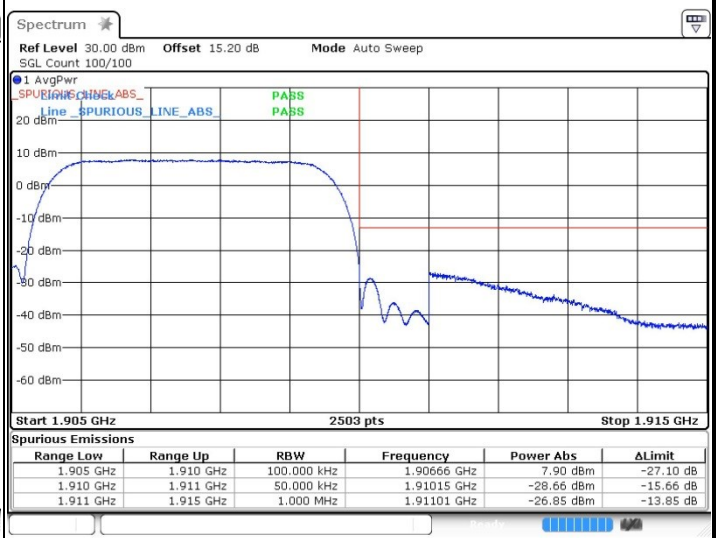
WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Date: 30.APR.2019 00:25:49

Highest Band Edge

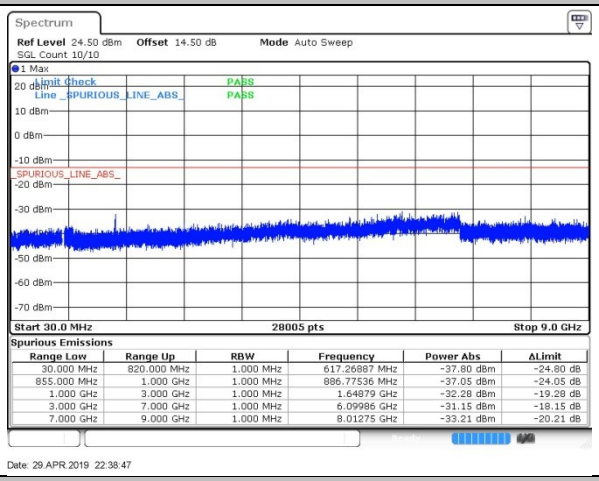


Date: 30.APR.2019 00:28:36

Conducted Spurious Emission

GSM850 (GSM)

Lowest Channel

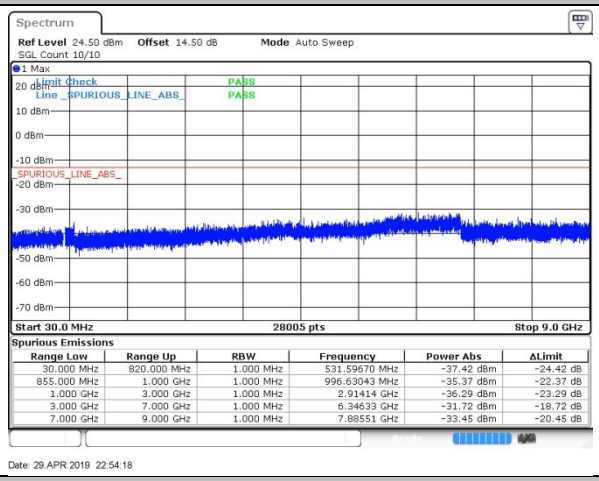


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	820.000 MHz	1.000 MHz	617.26887 MHz	-37.80 dBm	-24.80 dB
855.000 MHz	1.000 GHz	1.000 MHz	886.77536 MHz	-37.05 dBm	-24.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64879 GHz	-32.28 dBm	-19.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.09986 GHz	-31.15 dBm	-18.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01275 GHz	-33.21 dBm	-20.21 dB

Date: 29.APR.2019 22:38:47

Lowest Channel

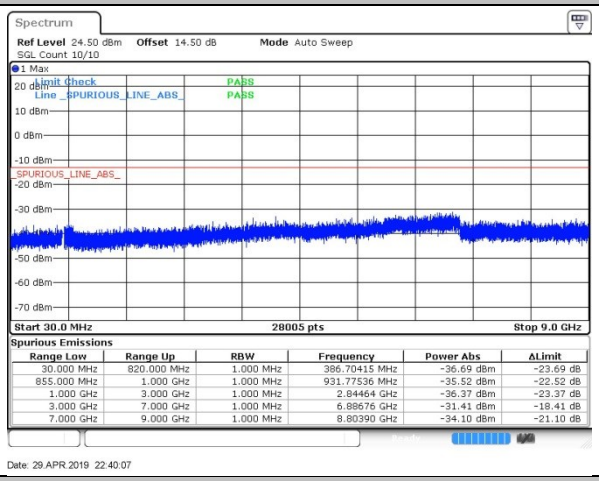


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	820.000 MHz	1.000 MHz	531.59670 MHz	-37.42 dBm	-24.42 dB
855.000 MHz	1.000 GHz	1.000 MHz	996.63043 MHz	-35.37 dBm	-22.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.91414 GHz	-36.29 dBm	-23.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.34633 GHz	-31.72 dBm	-18.72 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.88551 GHz	-33.45 dBm	-20.45 dB

Date: 29.APR.2019 22:54:18

Middle Channel

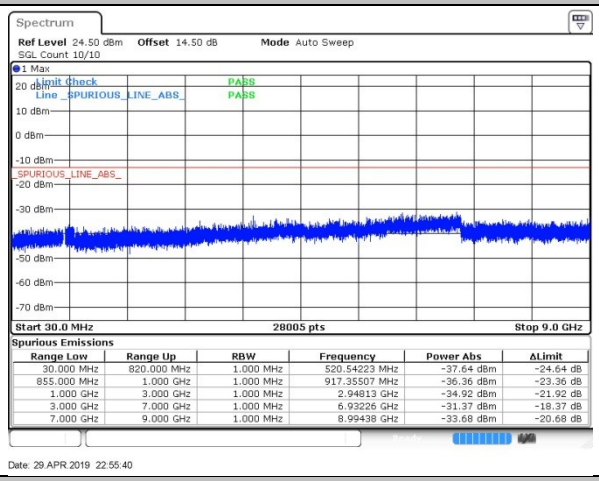


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	820.000 MHz	1.000 MHz	386.70415 MHz	-36.69 dBm	-23.69 dB
855.000 MHz	1.000 GHz	1.000 MHz	931.77536 MHz	-35.52 dBm	-22.52 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84464 GHz	-36.37 dBm	-23.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88676 GHz	-31.41 dBm	-18.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.80390 GHz	-34.10 dBm	-21.10 dB

Date: 29.APR.2019 22:40:07

Middle Channel

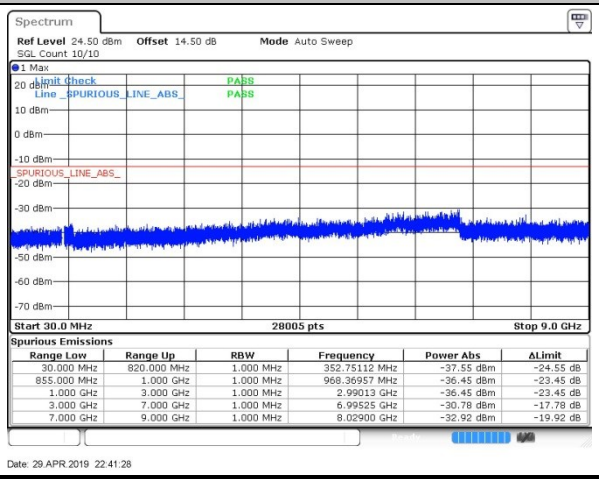


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	820.000 MHz	1.000 MHz	520.54223 MHz	-37.64 dBm	-24.64 dB
855.000 MHz	1.000 GHz	1.000 MHz	917.35507 MHz	-36.36 dBm	-23.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94813 GHz	-34.92 dBm	-21.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93226 GHz	-31.37 dBm	-18.37 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.99438 GHz	-33.68 dBm	-20.68 dB

Date: 29.APR.2019 22:55:40

Highest Channel

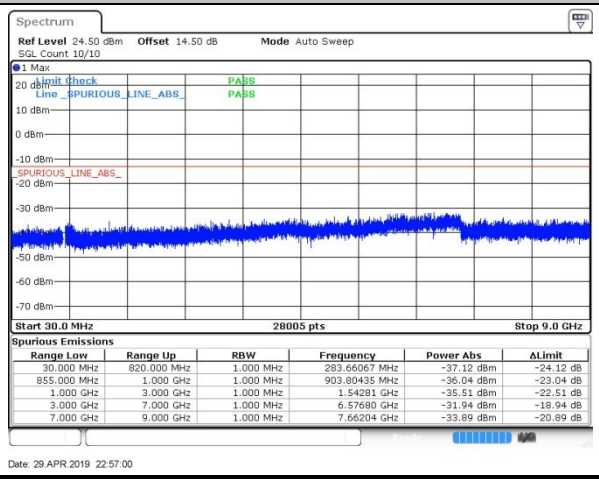


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	820.000 MHz	1.000 MHz	352.75112 MHz	-37.55 dBm	-24.55 dB
855.000 MHz	1.000 GHz	1.000 MHz	968.36957 MHz	-36.45 dBm	-23.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99013 GHz	-36.45 dBm	-23.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-30.78 dBm	-17.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.02900 GHz	-32.92 dBm	-19.92 dB

Date: 29.APR.2019 22:41:28

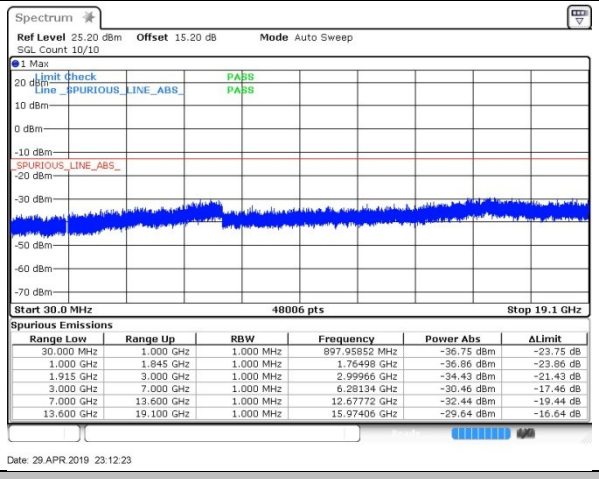
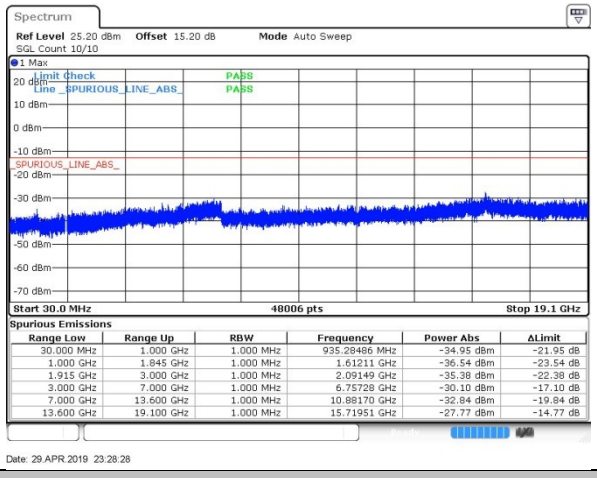
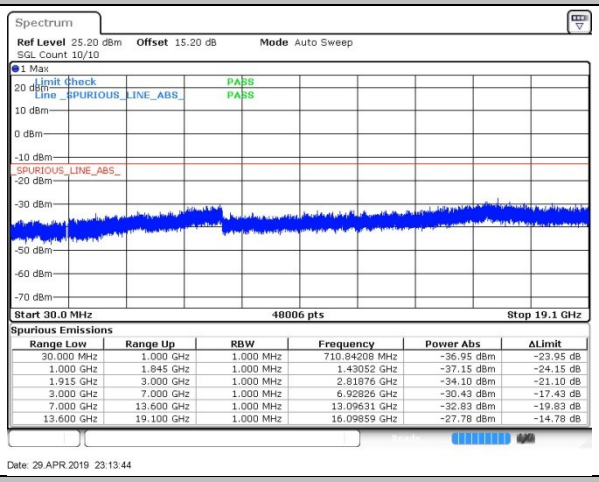
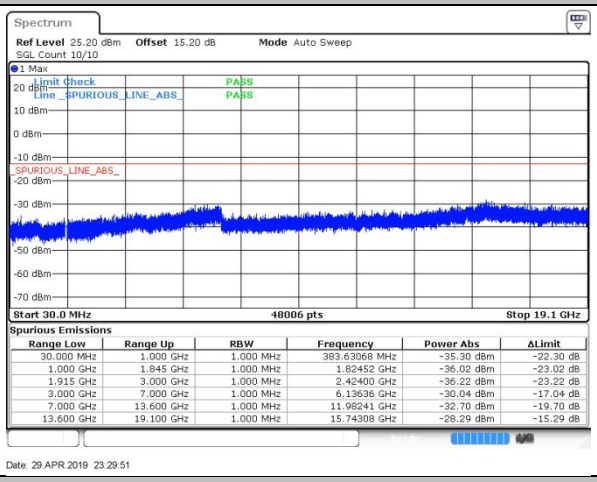
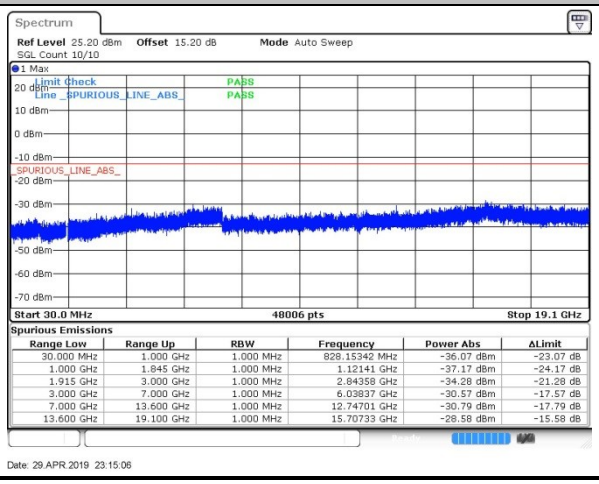
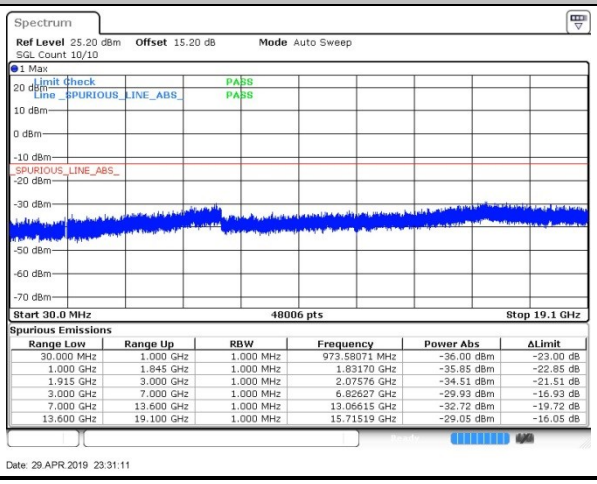
Highest Channel

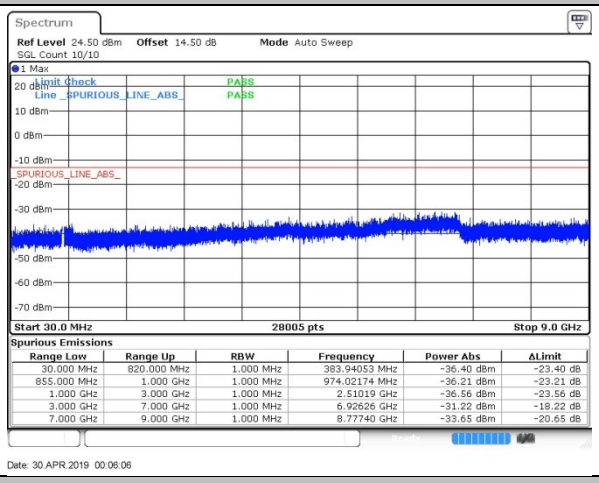
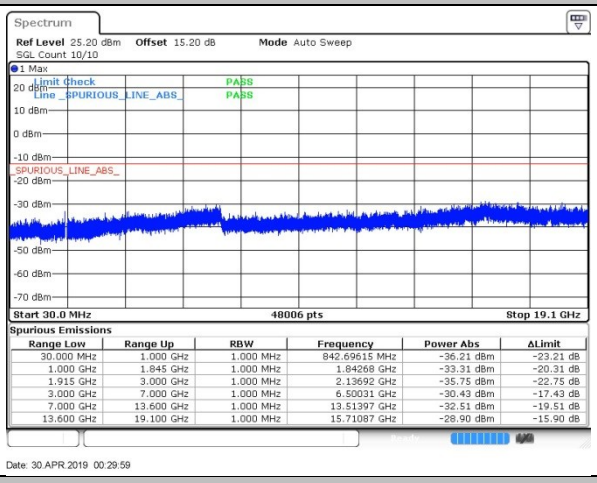
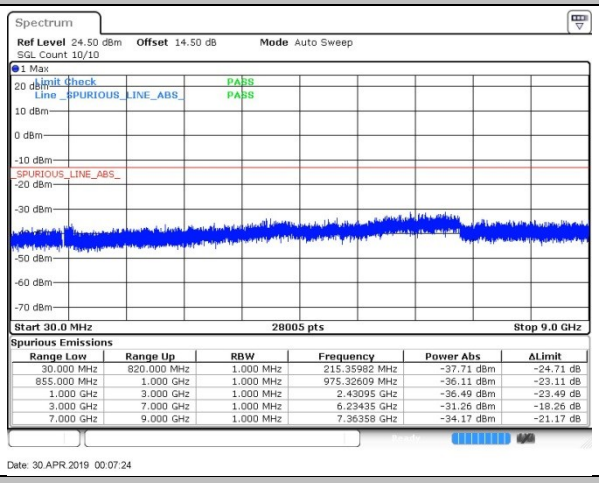
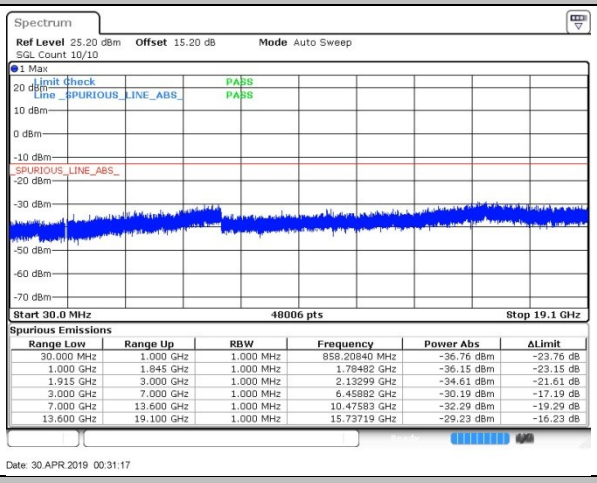
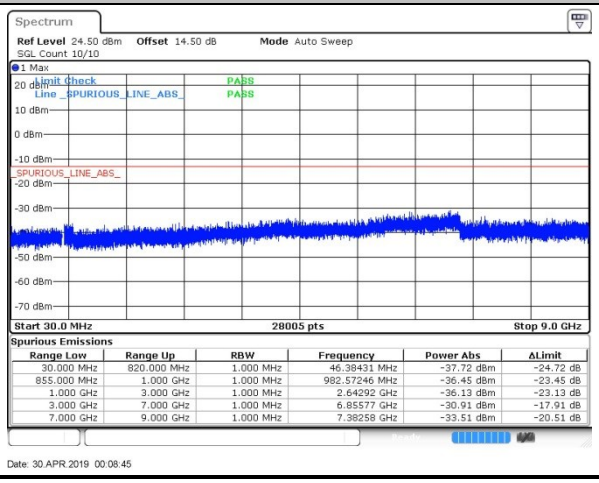
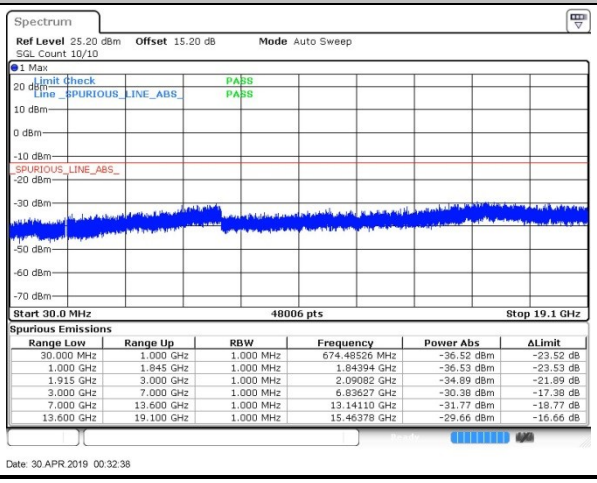


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	820.000 MHz	1.000 MHz	283.66067 MHz	-37.12 dBm	-24.12 dB
855.000 MHz	1.000 GHz	1.000 MHz	903.80435 MHz	-36.04 dBm	-23.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.54281 GHz	-35.51 dBm	-22.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.57680 GHz	-31.94 dBm	-18.94 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.66204 GHz	-33.89 dBm	-20.89 dB

Date: 29.APR.2019 22:57:00

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**
	

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	0.0155	0.0132	
20	Battery End Point	0.0395	0.0395	

Note:

1. Normal Voltage = 3.85V ；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.

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	0.0021	0.0016	
20	Battery End Point	0.0133	0.0011	

Note:

1. Normal Voltage = 3.85V ；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.

Test Conditions	Middle Channel	WCDMA Band V (RMC 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	0.0155	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage = 3.85V ；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.

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	0.0005	
20	Battery End Point	0.0032	

Note:

1. Normal Voltage = 3.85V ；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

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	-63.64	-13	-50.64	-70.61	1.58	10.70	H
	2510	-43.38	-13	-30.38	-51.63	2.102	12.50	H
	3348	-43.55	-13	-30.55	-52.44	2.856	13.90	H
	4182	-57.32	-13	-44.32	-65.78	2.689	13.30	H
	5018.4	-58.16	-13	-45.16	-65.92	3.093	13.00	H
	5854.8	-55.01	-13	-42.01	-63.78	3.178	14.10	H
	1672	-52.94	-13	-39.94	-61.83	2.86	13.90	V
	2510	-36.70	-13	-23.70	-45.16	2.69	13.30	V
	3348	-46.63	-13	-33.63	-54.39	3.09	13.00	V
	4182	-50.50	-13	-37.50	-59.27	3.18	14.10	V
	5016	-55.29	-13	-42.29	-62.53	3.31	12.70	V
	5856	-49.25	-13	-36.25	-56.84	3.41	13.15	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	-60.31	-13	-47.31	-67.28	1.58	10.70	H
	2510	-47.42	-13	-34.42	-55.67	2.102	12.50	H
	3348	-48.87	-13	-35.87	-57.76	2.856	13.90	H
	4182	-59.99	-13	-46.99	-68.45	2.689	13.30	H
	5018.4	-60.14	-13	-47.14	-67.90	3.093	13.00	H
	5856	-51.45	-13	-38.45	-60.22	3.178	14.10	H
	1672	-49.35	-13	-36.35	-58.24	2.86	13.90	V
	2510	-37.47	-13	-24.47	-45.93	2.69	13.30	V
	3348	-55.68	-13	-42.68	-63.44	3.09	13.00	V
	4182	-60.25	-13	-47.25	-69.02	3.18	14.10	V
	5016	-57.35	-13	-44.35	-64.59	3.31	12.70	V
	5856	-46.71	-13	-33.71	-54.30	3.41	13.15	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	-57.29	-13	-44.29	-69.55	2.641	14.90	H
	5640	-54.43	-13	-41.43	-66.29	2.94	14.80	H
	7518	-52.03	-13	-39.03	-61.80	3.39	13.16	H
	3759	-57.64	-13	-44.64	-67.89	4.94	15.19	V
	5640	-48.30	-13	-35.30	-58.19	5.01	14.90	V
	7518	-51.82	-13	-38.82	-60.94	5.57	14.69	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	-58.32	-13	-45.32	-70.58	2.641	14.90	H
	5640	-54.58	-13	-41.58	-66.44	2.94	14.80	H
	7518	-52.23	-13	-39.23	-62.00	3.39	13.16	H
	3759	-56.37	-13	-43.37	-66.62	4.94	15.19	V
	5640	-49.52	-13	-36.52	-59.41	5.01	14.90	V
	7518	-51.71	-13	-38.71	-60.83	5.57	14.69	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	-69.11	-13	-56.11	-76.08	1.58	10.70	H
	2510	-64.22	-13	-51.22	-72.47	2.102	12.50	H
	3345.6	-64.64	-13	-51.64	-73.53	2.856	13.90	H
	4182	-61.93	-13	-48.93	-70.39	2.689	13.30	H
	1674	-65.45	-13	-52.45	-73.21	3.09	13.00	V
	2510	-64.34	-13	-51.34	-73.11	3.18	14.10	V
	3348	-64.03	-13	-51.03	-71.27	3.31	12.70	V
	4182	-60.93	-13	-47.93	-68.52	3.41	13.15	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	-59.59	-13	-46.59	-71.85	2.641	14.90	H
	5640	-57.32	-13	-44.32	-69.18	2.94	14.80	H
	7518	-52.25	-13	-39.25	-62.02	3.39	13.16	H
	9400	-46.30	-13	-33.30	-56.78	4.00	14.48	H
	3759	-59.13	-13	-46.13	-68.97	4.49	14.32	V
	5640	-57.23	-13	-44.23	-67.48	4.94	15.19	V
	7520	-51.37	-13	-38.37	-61.26	5.01	14.90	V
	9402	-46.25	-13	-33.25	-55.37	5.57	14.69	V

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