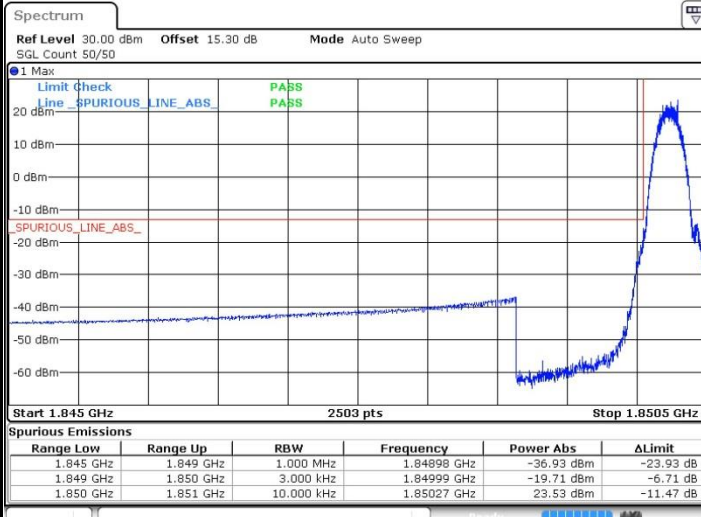


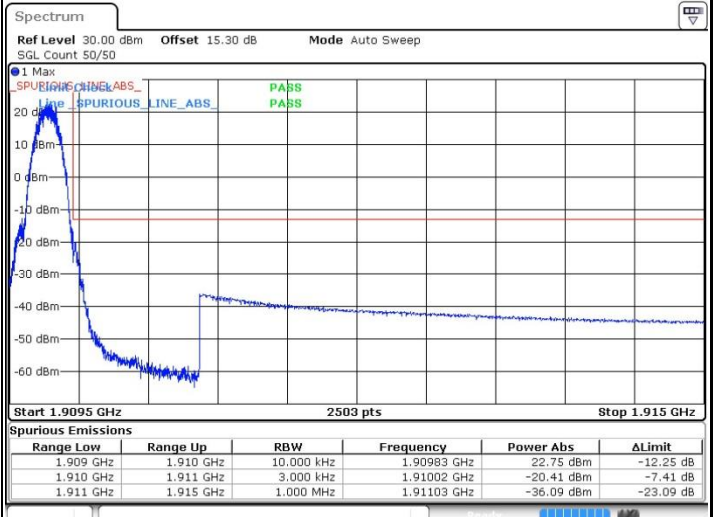


GSM1900 (GSM)

Lowest Band Edge

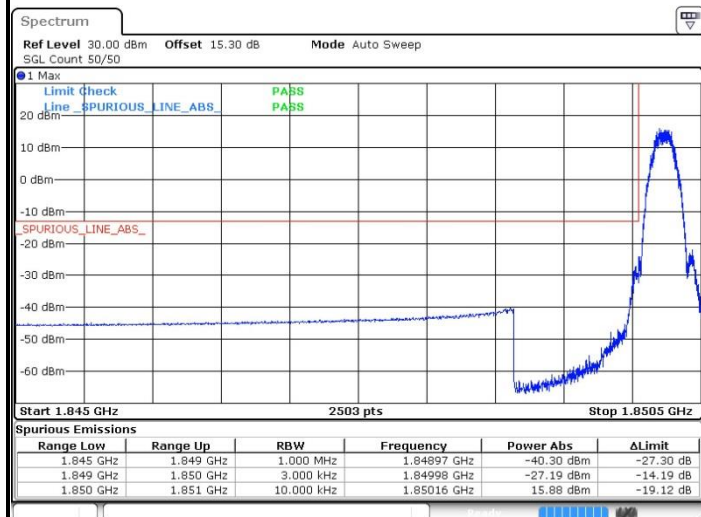


Highest Band Edge

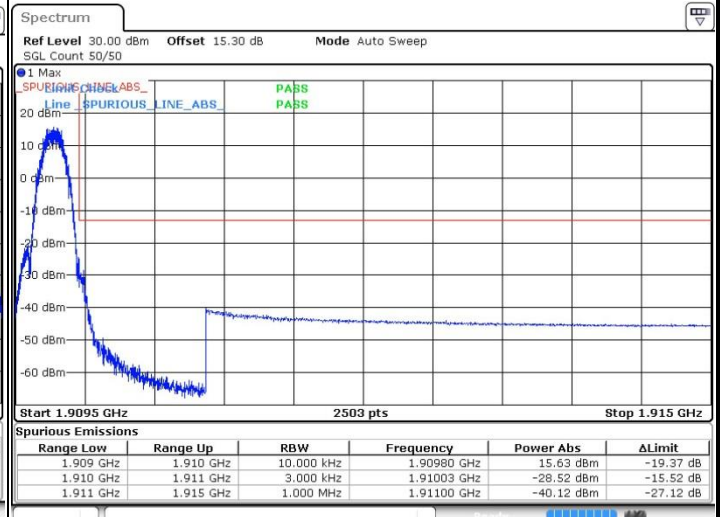


GSM1900 (EDGE class 8)

Lowest Band Edge



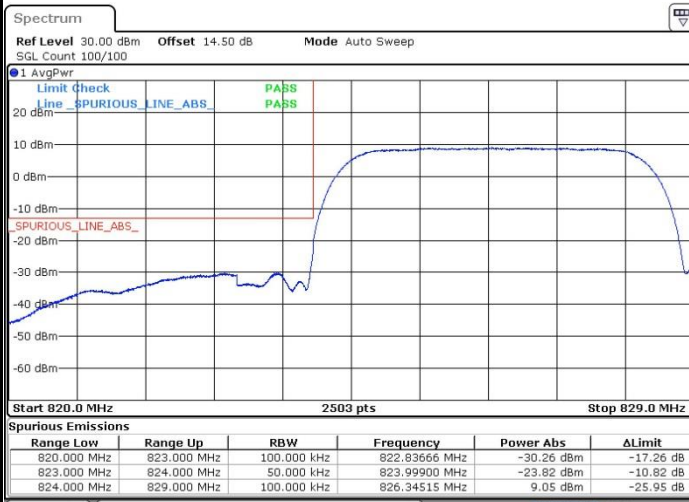
Highest Band Edge





WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge



WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



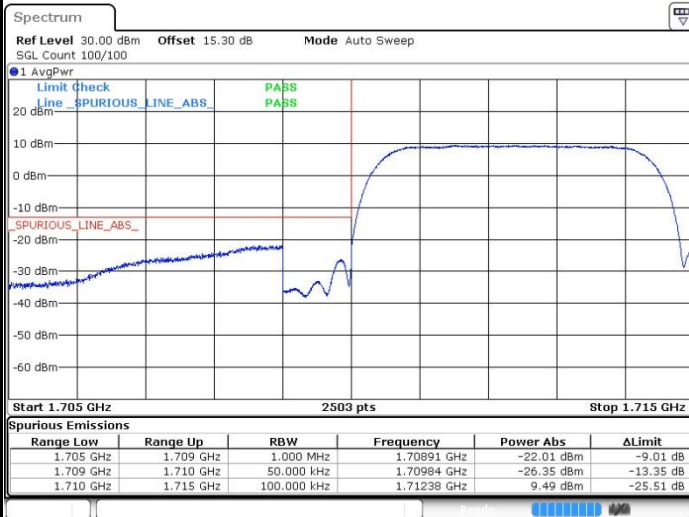
Highest Band Edge





WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge



Date: 14 AUG 2017 21:02:53

Highest Band Edge



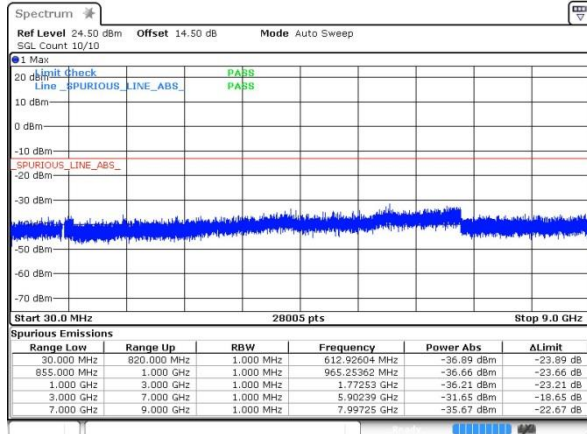
Date: 14 AUG 2017 21:05:44



Conducted Spurious Emission

GSM850 (GSM)

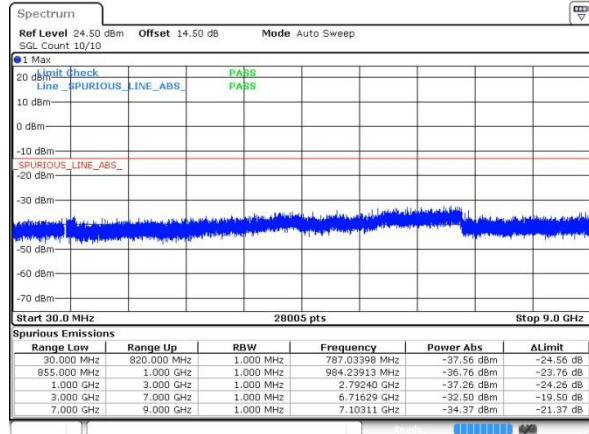
Lowest Channel



Date: 14 AUG 2017 18:35:23

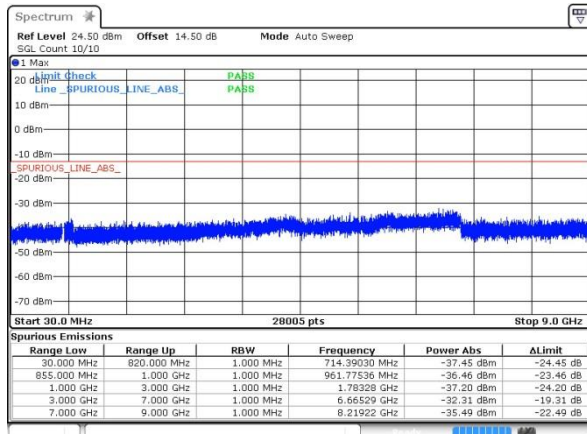
GSM850 (EDGE class 8)

Lowest Channel



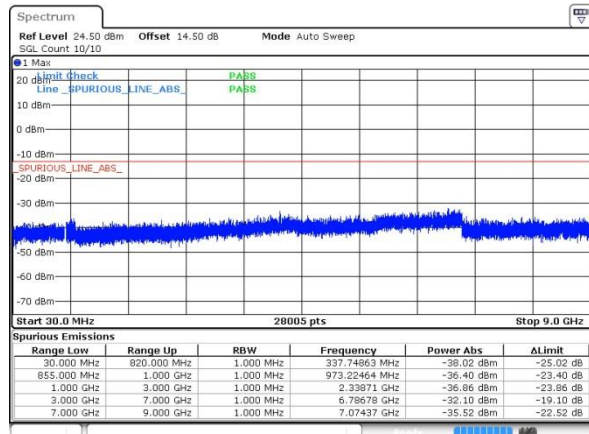
Date: 14 AUG 2017 18:59:39

Middle Channel



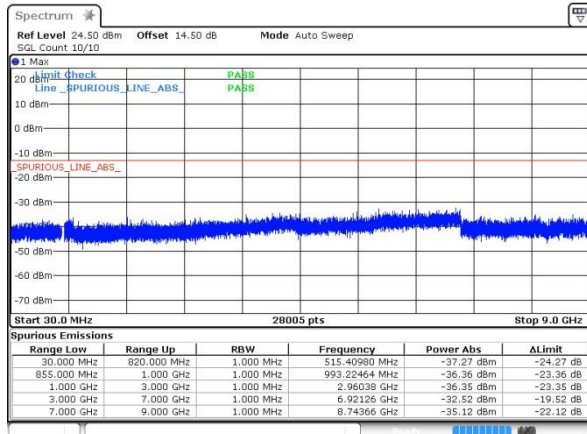
Date: 14 AUG 2017 18:36:48

Middle Channel



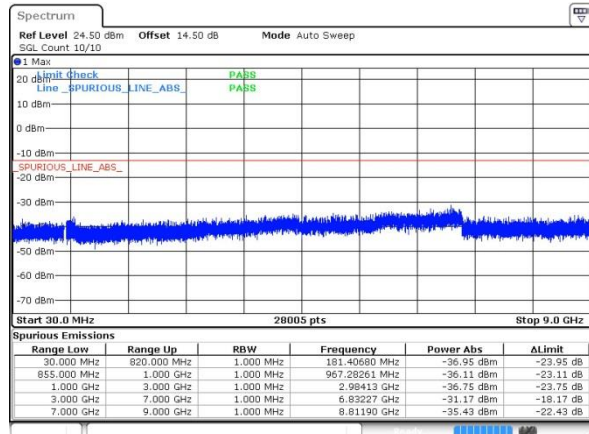
Date: 14 AUG 2017 19:00:59

Highest Channel



Date: 14 AUG 2017 18:38:24

Highest Channel

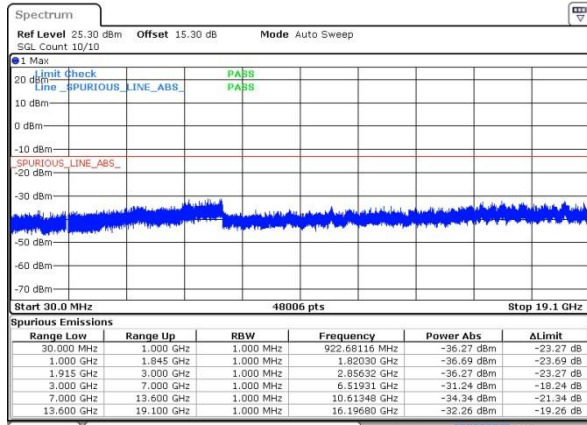


Date: 14 AUG 2017 19:02:20



GSM1900 (GSM)

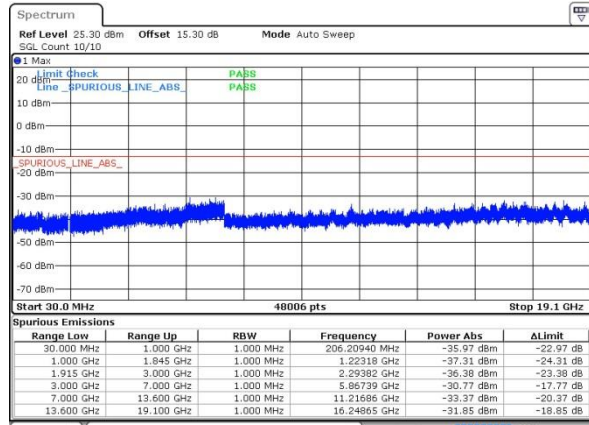
Lowest Channel



Date: 14 AUG 2017 19:40:25

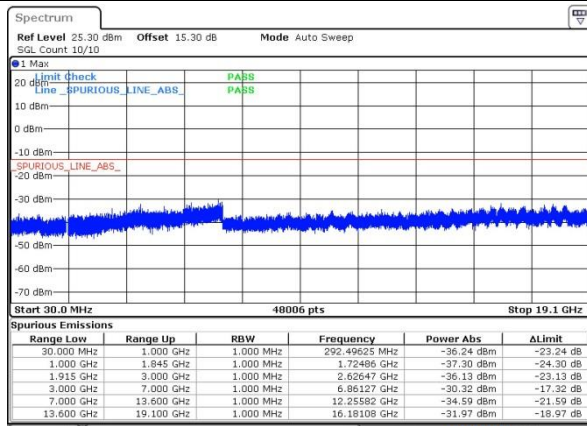
GSM1900 (EDGE class 8)

Lowest Channel

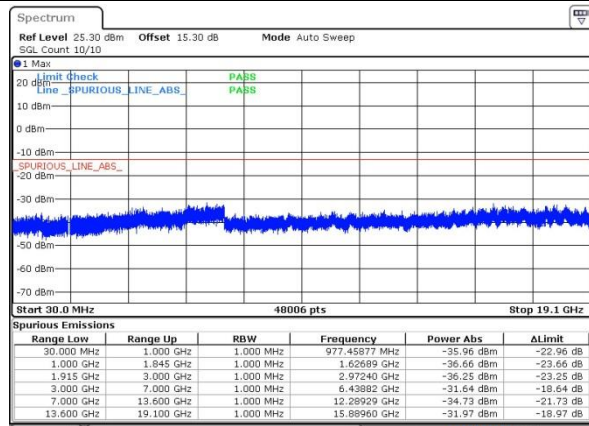


Date: 14 AUG 2017 20:00:06

Middle Channel

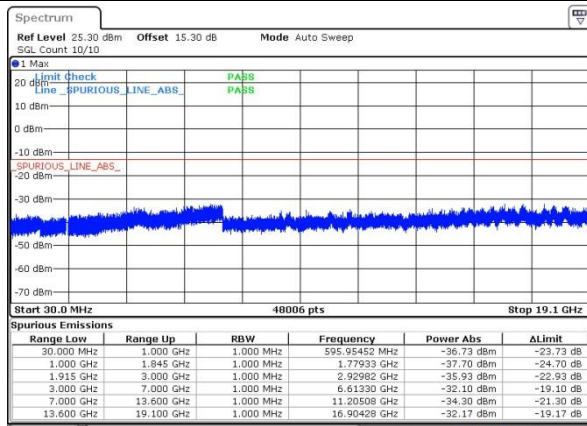


Date: 14 AUG 2017 19:41:48

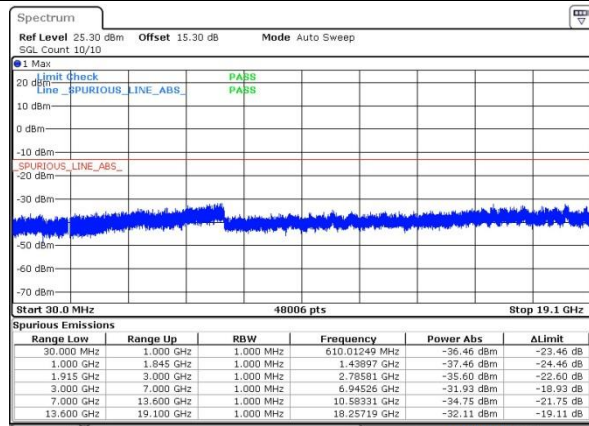


Date: 14 AUG 2017 20:01:44

Highest Channel



Date: 14 AUG 2017 19:43:07

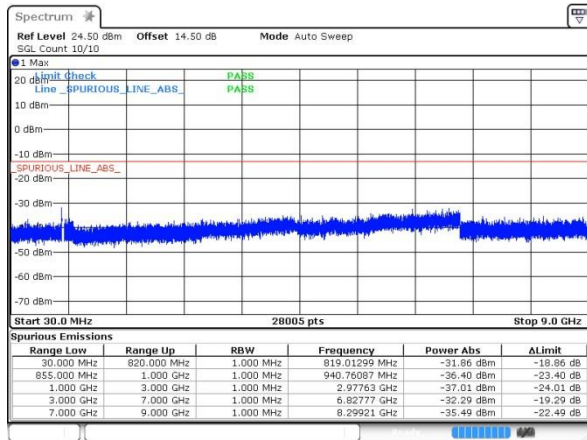


Date: 14 AUG 2017 20:03:06



WCDMA Band V (RMC 12.2Kbps)

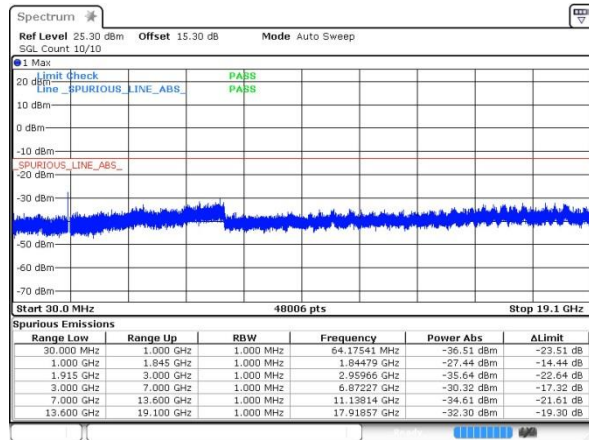
Lowest Channel



Date: 14 AUG 2017 20:19:52

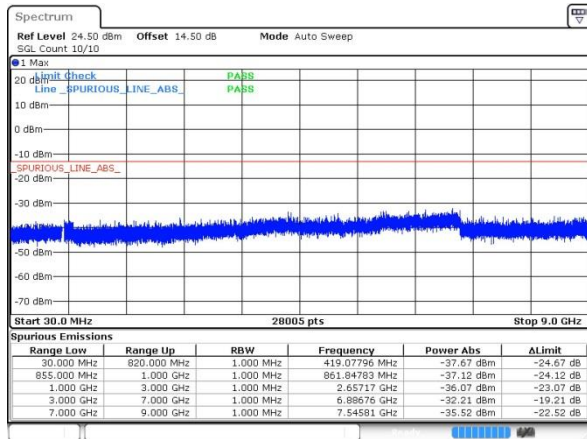
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



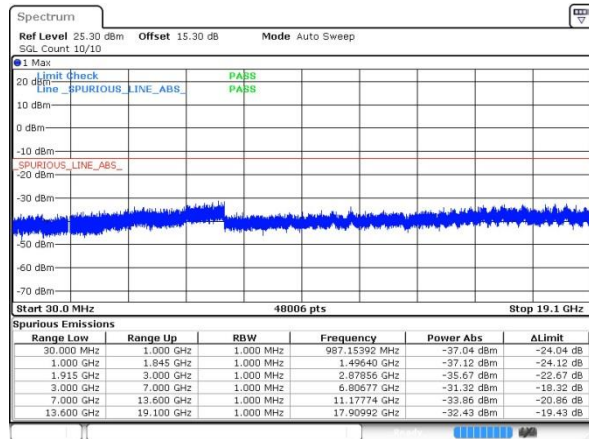
Date: 14 AUG 2017 20:45:30

Middle Channel



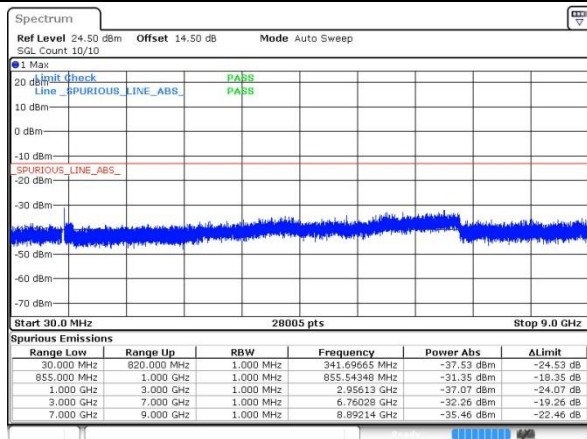
Date: 14 AUG 2017 20:21:13

Middle Channel



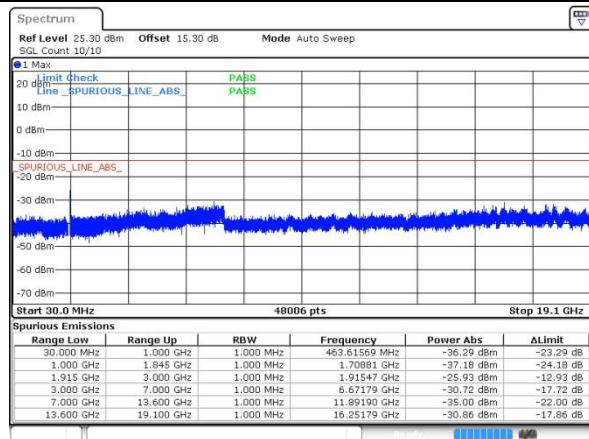
Date: 14 AUG 2017 20:46:53

Highest Channel



Date: 14 AUG 2017 20:22:34

Highest Channel

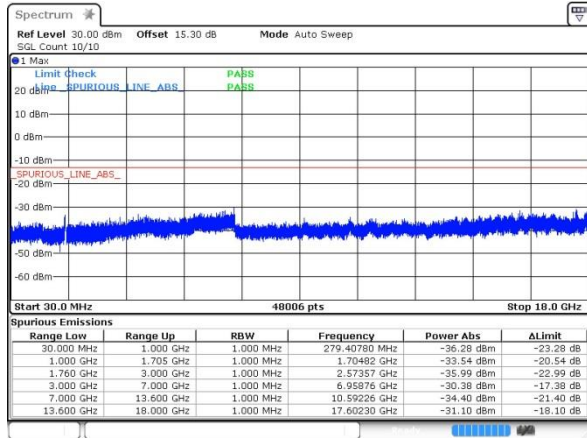


Date: 14 AUG 2017 20:48:18



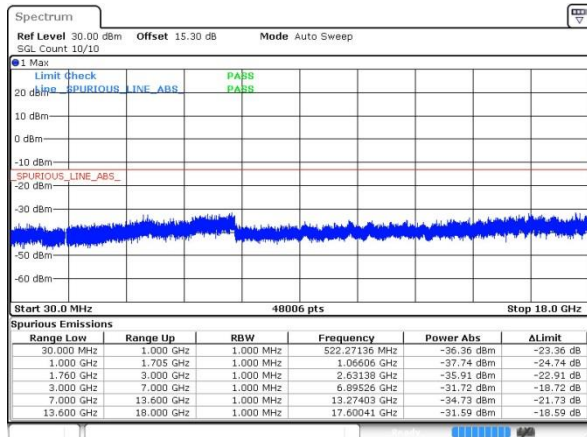
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



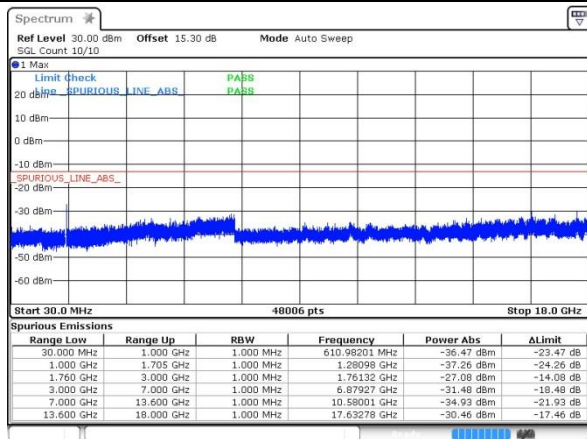
Date: 14 AUG 2017 21:07:16

Middle Channel



Date: 14 AUG 2017 21:08:38

Highest Channel



Date: 14 AUG 2017 21:10:00

**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	0.0024	PASS
40	Normal Voltage	0.0024	0.0120	
30	Normal Voltage	0.0024	0.0024	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0012	0.0048	
0	Normal Voltage	0.0036	0.0191	
-10	Normal Voltage	0.0036	0.0060	
-20	Normal Voltage	0.0060	0.0096	
-30	Normal Voltage	0.0060	0.0143	
20	Maximum Voltage	0.0108	0.0012	
20	Normal Voltage	0.0048	0.0036	
20	Battery End Point	0.0084	0.0167	

Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0096	0.0096	PASS
40	Normal Voltage	0.0080	0.0106	
30	Normal Voltage	0.0021	0.0021	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0048	0.0011	
0	Normal Voltage	0.0149	0.0016	
-10	Normal Voltage	0.0170	0.0117	
-20	Normal Voltage	0.0106	0.0144	
-30	Normal Voltage	0.0016	0.0053	
20	Maximum Voltage	0.0005	0.0048	
20	Normal Voltage	0.0005	0.0101	
20	Battery End Point	0.0037	0.0085	



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	0.0096	
30	Normal Voltage	0.0072	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0048	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0060	
-20	Normal Voltage	0.0215	
-30	Normal Voltage	0.0287	
20	Maximum Voltage	0.0263	
20	Normal Voltage	0.0036	
20	Battery End Point	0.0227	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0053	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0048	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0037	
20	Battery End Point	0.0032	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0052	
-10	Normal Voltage	0.0046	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0139	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0156	
20	Battery End Point	0.0075	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) =3.4 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 Radiated 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	-56.63	-13	-43.63	-55.33	-58.49	1.19	5.20	H
	2508	-46.20	-13	-33.20	-51.47	-48.42	1.53	5.90	H
	3345	-67.69	-13	-54.69	-71.64	-70.48	1.76	6.70	H
	1672	-57.44	-13	-44.44	-55.4	-59.30	1.19	5.20	V
	2508	-48.35	-13	-35.35	-51.99	-50.57	1.53	5.90	V
	3345	-68.51	-13	-55.51	-71.83	-71.30	1.76	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-61.10	-13	-48.10	-59.73	-62.96	1.19	5.20	H
	2508	-48.84	-13	-35.84	-53.00	-51.06	1.53	5.90	H
	3345	-66.53	-13	-53.53	-70.48	-69.32	1.76	6.70	H
	1672	-63.87	-13	-50.87	-61.83	-65.73	1.19	5.20	V
	2508	-51.20	-13	-38.20	-53.77	-53.42	1.53	5.90	V
	3345	-68.62	-13	-55.62	-71.94	-71.41	1.76	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-65.55	-13	-52.55	-69.06	-70.54	1.88	6.87	H
	5640	-59.87	-13	-46.87	-68.06	-67.17	2.38	9.68	H
	7521	-63.88	-13	-50.88	-75.91	-72.95	2.74	11.81	H
	3759	-62.48	-13	-49.48	-66.27	-67.47	1.88	6.87	V
	5640	-57.00	-13	-44.00	-65.57	-64.30	2.38	9.68	V
	7521	-64.48	-13	-51.48	-75.19	-73.55	2.74	11.81	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	3759	-69.15	-13	-56.15	-72.66	-74.14	1.88	6.87	H
	5640	-63.73	-13	-50.73	-71.92	-71.03	2.38	9.68	H
	7521	-64.28	-13	-51.28	-76.31	-73.35	2.74	11.81	H
	3759	-68.11	-13	-55.11	-71.9	-73.10	1.88	6.87	V
	5640	-59.75	-13	-46.75	-68.32	-67.05	2.38	9.68	V
	7521	-64.69	-13	-51.69	-75.4	-73.76	2.74	11.81	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	1672	-66.79	-13	-53.79	-65.42	-68.65	1.19	5.20	H
	2510	-62.64	-13	-49.64	-65.63	-64.86	1.53	5.90	H
	3345	-67.49	-13	-54.49	-71.44	-70.28	1.76	6.70	H
	1672	-67.17	-13	-54.17	-65.13	-69.03	1.19	5.20	V
	2510	-64.01	-13	-51.01	-65.99	-66.23	1.53	5.90	V
	3345	-67.76	-13	-54.76	-71.08	-70.55	1.76	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-65.03	-13	-52.03	-68.54	-70.02	1.88	6.87	H
	5640	-65.85	-13	-52.85	-74.04	-73.15	2.38	9.68	H
	7521	-62.71	-13	-49.71	-74.74	-71.78	2.74	11.81	H
	3759	-59.97	-13	-46.97	-63.76	-64.96	1.88	6.87	V
	5640	-65.30	-13	-52.30	-73.87	-72.60	2.38	9.68	V
	7521	-65.45	-13	-52.45	-76.16	-74.52	2.74	11.81	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	-63.51	-13	-50.51	-70.30	-68.40	1.81	6.70	H
	5199	-60.55	-13	-47.55	-73.23	-67.45	2.23	9.13	H
	6930	-60.98	-13	-47.98	-76.16	-69.04	2.60	10.66	H
	3465	-64.84	-13	-51.84	-70.04	-69.73	1.81	6.70	V
	5199	-60.25	-13	-47.25	-73.8	-67.15	2.23	9.13	V
	6930	-60.13	-13	-47.13	-75.18	-68.19	2.6	10.66	V

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