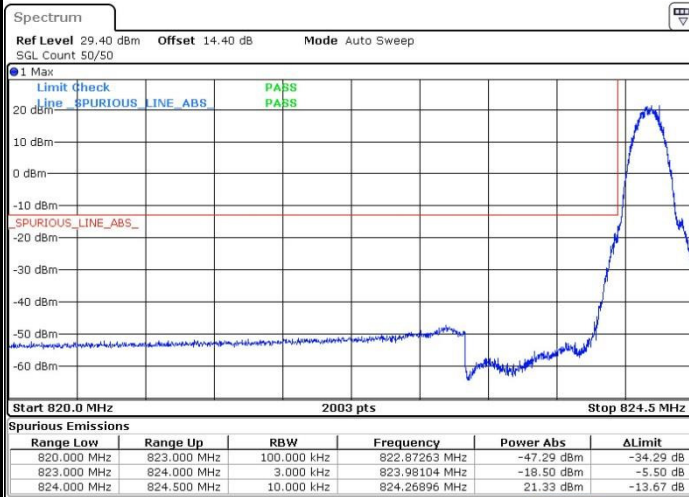
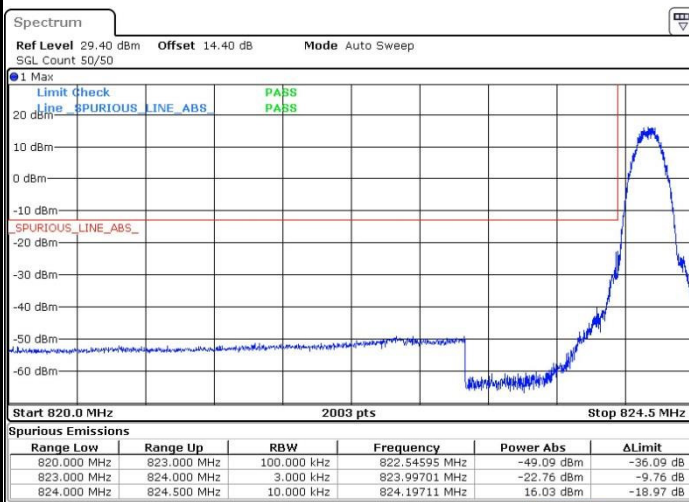
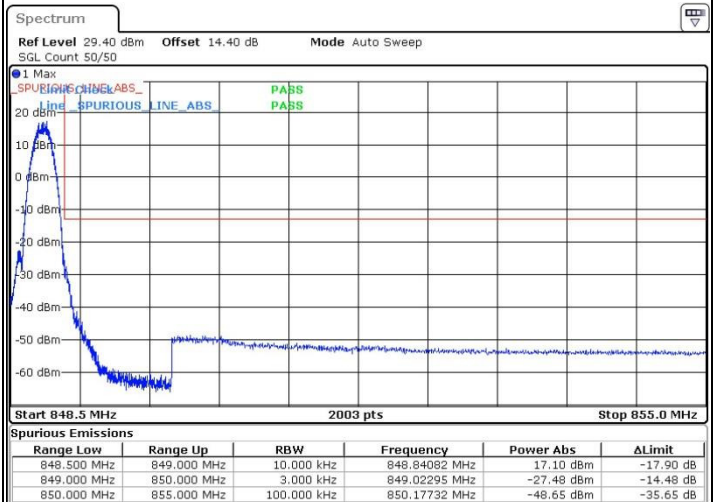
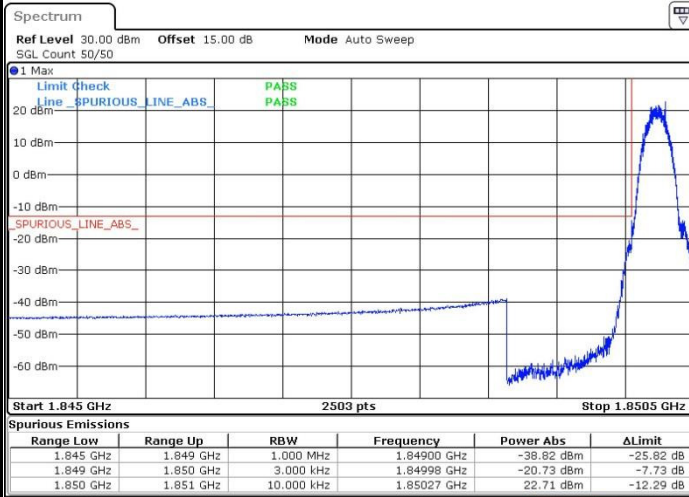


**Conducted Band Edge****GSM850 (GSM)****Lowest Band Edge****Highest Band Edge****GSM850 (EDGE class 12)****Lowest Band Edge****Highest Band Edge**

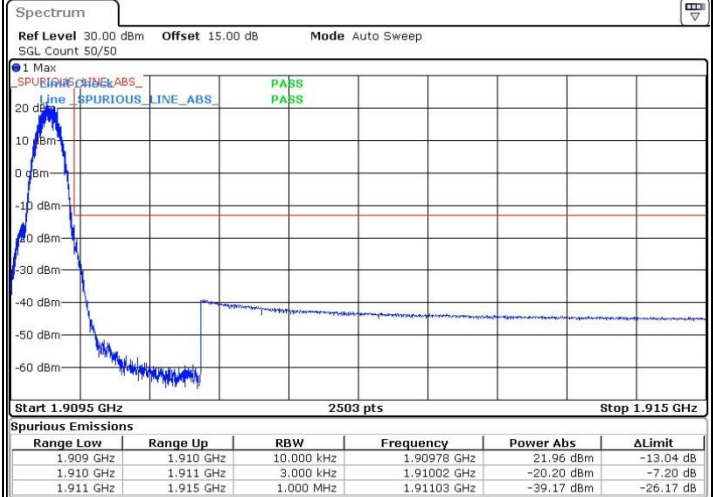


GSM1900 (GSM)

Lowest Band Edge

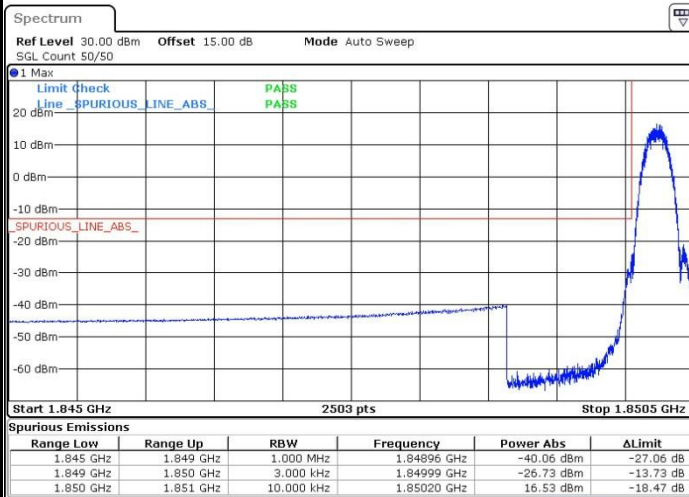


Highest Band Edge

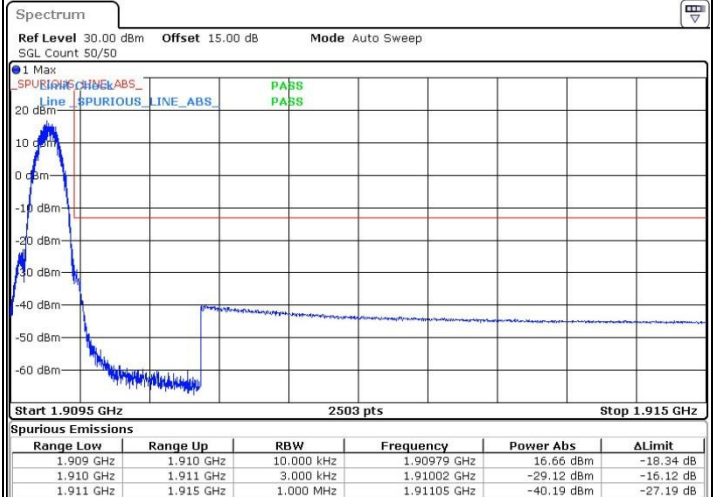


GSM1900 (EDGE class 12)

Lowest Band Edge



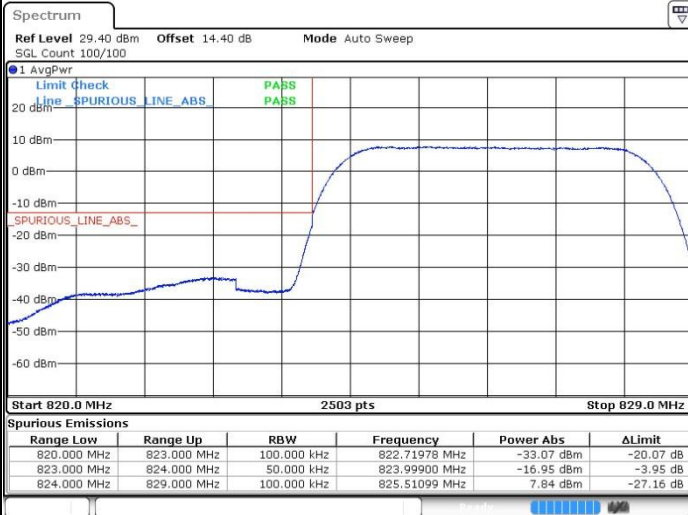
Highest Band Edge





WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

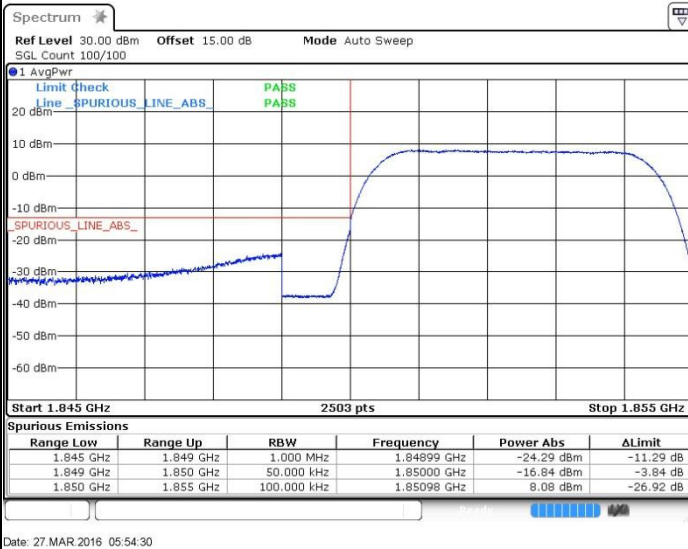


Highest Band Edge

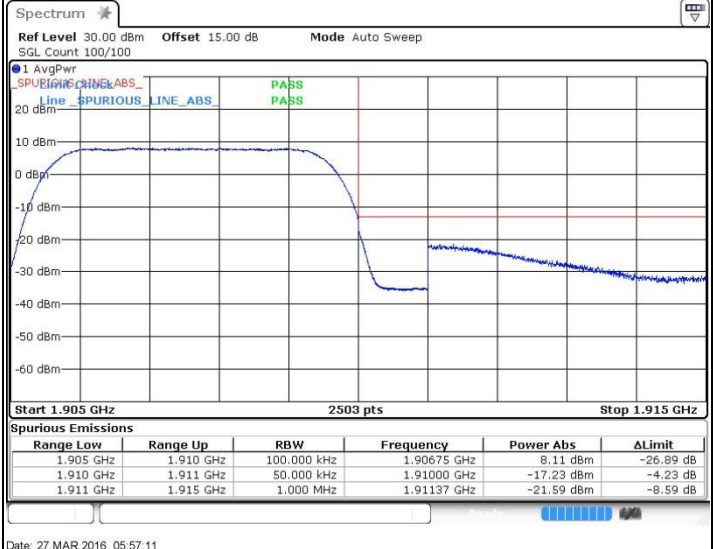


WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

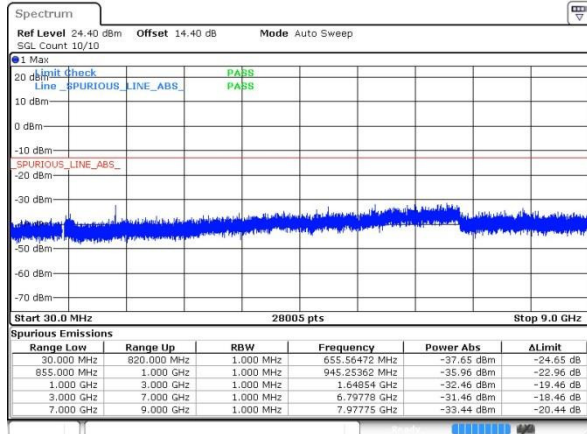




Conducted Spurious Emission

GSM850 (GSM)

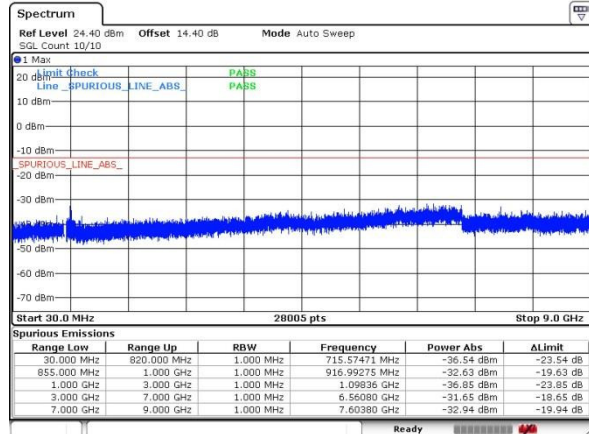
Lowest Channel



Date: 27 MAR 2016 03:35:31

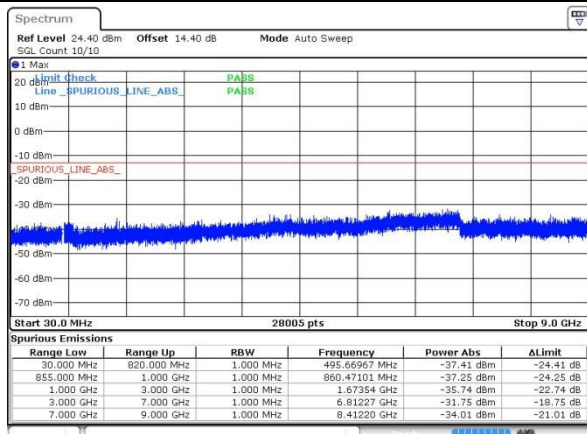
GSM850 (EDGE class 12)

Lowest Channel



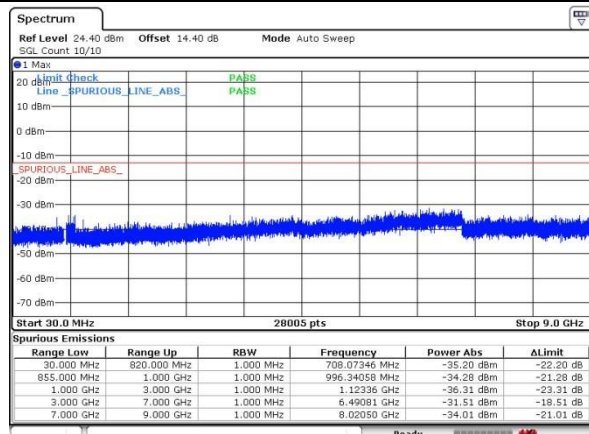
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Middle Channel



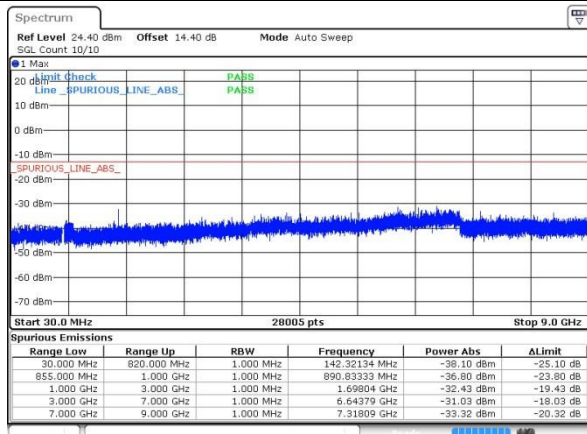
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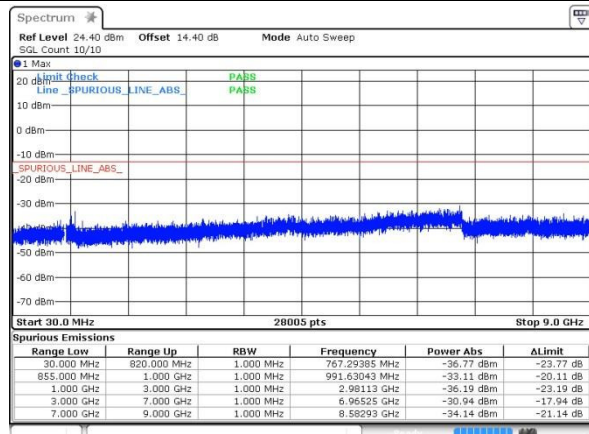
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Highest Channel



Date: 27 MAR 2016 03:38:03

Highest Channel

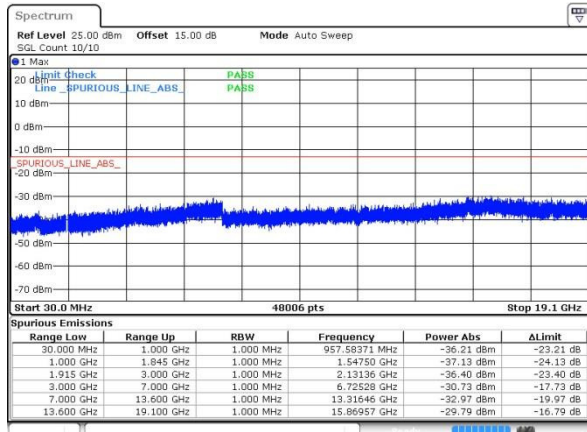


Date: 27 MAR 2016 09:00:38



GSM1900 (GSM)

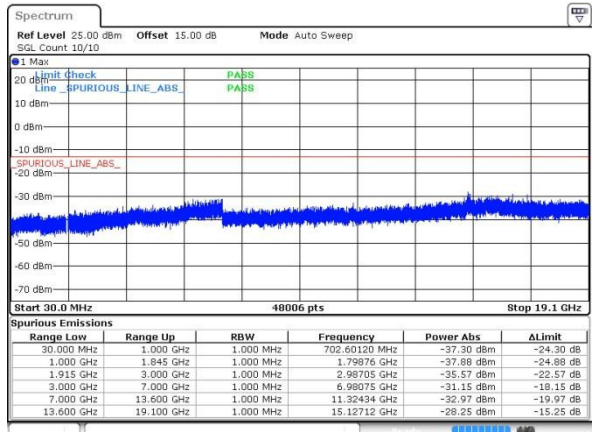
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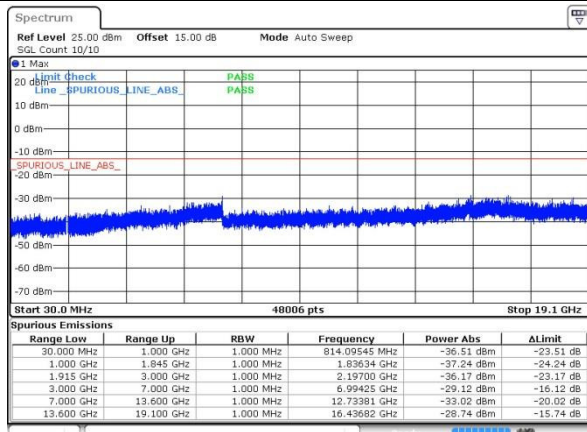
GSM1900 (EDGE class 12)

Lowest Channel



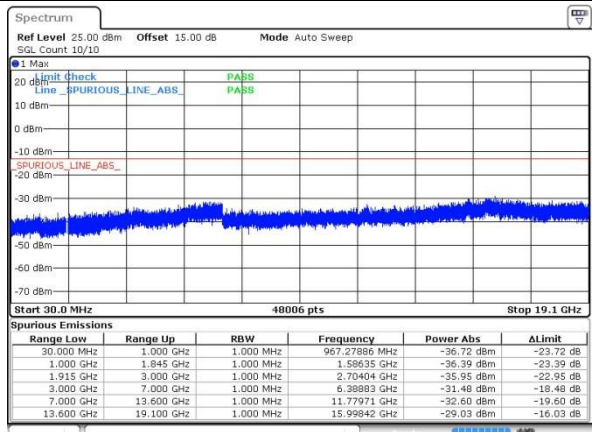
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Middle Channel



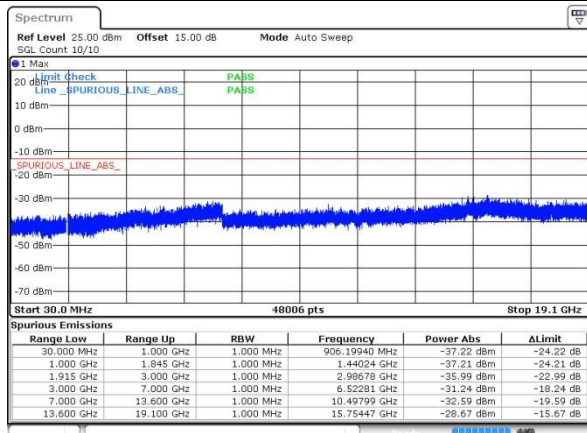
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Middle Channel



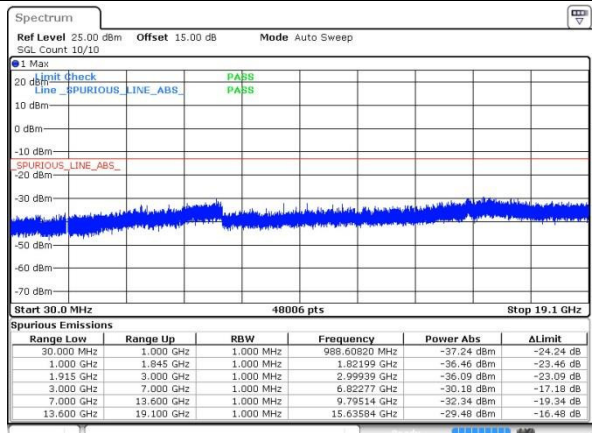
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Highest Channel



Date: 27 MAR 2016 05:22:31

Highest Channel

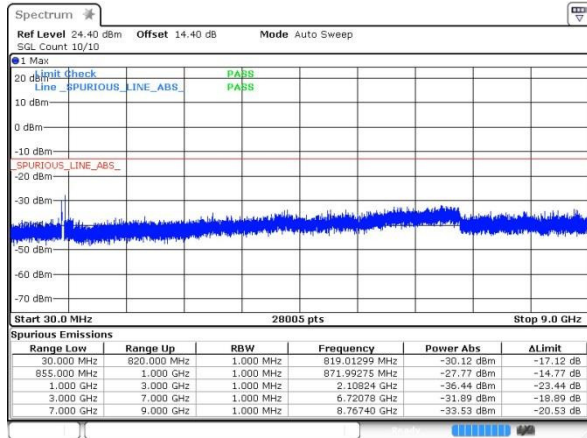


Date: 27 MAR 2016 09:32:42



WCDMA Band V (RMC 12.2Kbps)

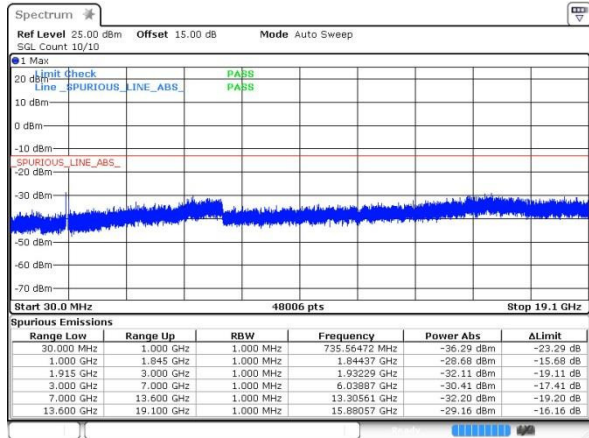
Lowest Channel



Date: 27 MAR 2016 05:39:37

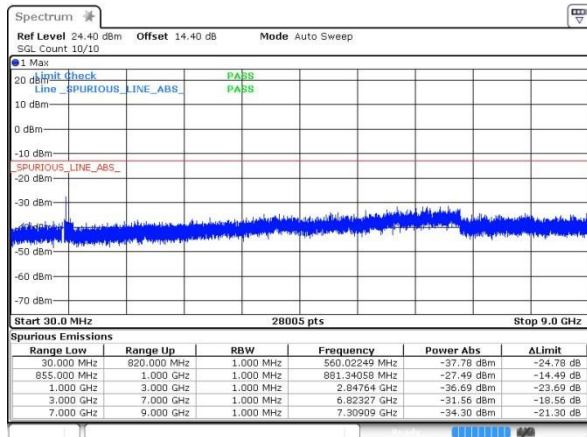
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



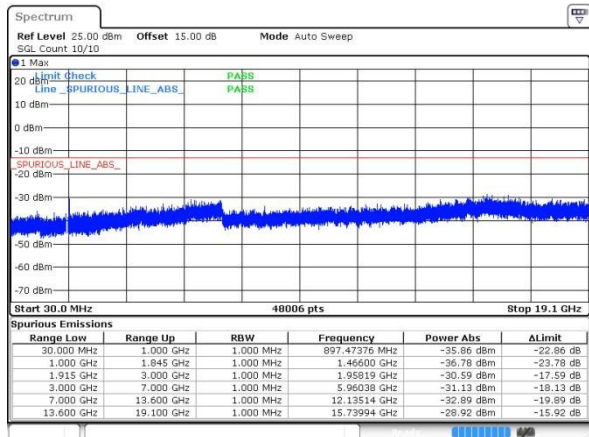
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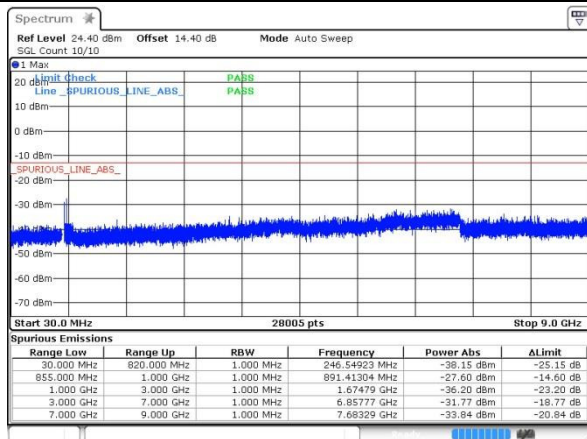
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Middle Channel



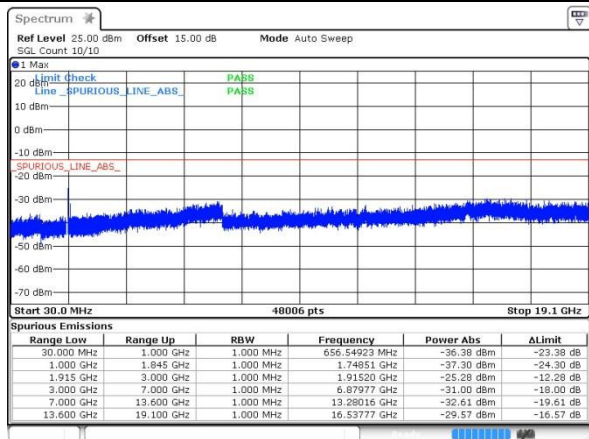
Date: 27 MAR 2016 06:00:11

Highest Channel



Date: 27 MAR 2016 05:42:09

Highest Channel



Date: 27 MAR 2016 06:01:27

**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	0.0012	0.0096	PASS
40	Normal Voltage	0.0036	0.0060	
30	Normal Voltage	0.0060	0.0096	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0167	0.0024	
0	Normal Voltage	0.0215	0.0024	
-10	Normal Voltage	0.0287	0.0132	
-20	Normal Voltage	0.0179	0.0215	
-30	Normal Voltage	0.0024	0.0108	
20	Maximum Voltage	0.0072	0.0132	
20	Normal Voltage	0.0012	0.0072	
20	Battery End Point	0.0084	0.0143	

Note: Normal Voltage = 3.82V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.2 V

Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0080	0.0064	PASS
40	Normal Voltage	0.0069	0.0053	
30	Normal Voltage	0.0053	0.0043	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0037	0.0117	
0	Normal Voltage	0.0016	0.0032	
-10	Normal Voltage	0.0080	0.0128	
-20	Normal Voltage	0.0037	0.0090	
-30	Normal Voltage	0.0048	0.0101	
20	Maximum Voltage	0.0101	0.0085	
20	Normal Voltage	0.0043	0.0005	
20	Battery End Point	0.0032	0.0122	

Note:

1. Normal Voltage = 3.82V. ; Battery End Point (BEP) = 3.7V. ; Maximum Voltage =4.2 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	0.0048	PASS
40	Normal Voltage	0.0108	
30	Normal Voltage	0.0060	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0060	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0084	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0167	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0167	

Note: Normal Voltage = 3.82V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.2 V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0043	PASS
40	Normal Voltage	0.0059	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0080	
-10	Normal Voltage	0.0096	
-20	Normal Voltage	0.0043	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0037	
20	Battery End Point	0.0080	

Note:

1. Normal Voltage = 3.82V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.2 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 Radiated Test

ERP/EIRP

Channel	Mode	Horizontal		Vertical	
		ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	GSM850 GSM	26.29	0.4256	13.25	0.0211
Middle		27.15	0.5188	15.34	0.0342
Highest		27.73	0.5929	16.22	0.0419
Lowest	GSM850 EDGE class 8	22.36	0.1722	9.21	0.0083
Middle		23.34	0.2158	11.54	0.0143
Highest		23.91	0.2460	12.39	0.0173
Lowest	WCDMA Band V RMC 12.2Kbps	19.38	0.0867	6.64	0.0046
Middle		19.32	0.0855	7.50	0.0056
Highest		19.50	0.0891	7.89	0.0062
Limit	ERP < 7W	Result		PASS	

Channel	Mode	Horizontal		Vertical	
		EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	GSM1900 GSM	30.15	1.0351	30.50	1.1220
Middle		29.86	0.9683	30.40	1.0965
Highest		28.78	0.7551	19.77	0.0948
Lowest	GSM1900 EDGE class 8	26.30	0.4266	26.55	0.4519
Middle		25.24	0.3342	25.62	0.3648
Highest		24.40	0.2754	25.35	0.3428
Lowest	WCDMA Band II RMC 12.2Kbps	22.33	0.1710	22.67	0.1849
Middle		21.99	0.1581	22.53	0.1791
Highest		22.10	0.1622	22.96	0.1977
Limit	EIRP < 2W	Result		PASS	

**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	-46.62	-13	-33.62	-56.65	-53.30	0.57	9.40	H
	2510	-44.98	-13	-31.98	-59.89	-52.69	0.74	10.60	H
	3346	-55.90	-13	-42.90	-71.50	-65.50	0.85	12.60	H
	1672	-46.89	-13	-33.89	-56.48	-53.57	0.57	9.40	V
	2510	-43.42	-13	-30.42	-58.81	-51.13	0.74	10.60	V
	3346	-56.56	-13	-43.56	-71.17	-66.16	0.85	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	-50.90	-13	-37.90	-59.64	-57.58	0.57	9.40	H
	2510	-46.65	-13	-33.65	-60.92	-54.36	0.74	10.60	H
	3346	-56.29	-13	-43.29	-71.89	-65.89	0.85	12.60	H
	1672	-45.89	-13	-32.89	-55.79	-52.57	0.57	9.40	V
	2510	-45.69	-13	-32.69	-60.43	-53.40	0.74	10.60	V
	3346	-57.40	-13	-44.40	-72.01	-67.00	0.85	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	-46.11	-13	-33.11	-66.44	-57.84	0.87	12.60	H
	5640	-49.35	-13	-36.35	-72.22	-61.38	1.07	13.10	H
	7520	-49.21	-13	-36.21	-74.34	-58.82	1.69	11.30	H
	3760	-50.03	-13	-37.03	-71.59	-61.76	0.87	12.6	V
	5640	-50.60	-13	-37.60	-73.35	-62.63	1.07	13.1	V
	7520	-50.69	-13	-37.69	-75.6	-60.12	1.87	11.3	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	-48.06	-13	-35.06	-68.39	-59.79	0.87	12.60	H
	5640	-48.69	-13	-35.69	-71.56	-60.72	1.07	13.10	H
	7520	-49.82	-13	-36.82	-74.95	-59.43	1.69	11.30	H
	3760	-50.20	-13	-37.20	-71.76	-61.93	0.87	12.6	V
	5640	-49.09	-13	-36.09	-71.84	-61.12	1.07	13.1	V
	7520	-49.42	-13	-36.42	-74.33	-58.85	1.87	11.3	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	-54.15	-13	-41.15	-61.72	-60.83	0.57	9.40	H
	2510	-58.12	-13	-45.12	-70.40	-65.83	0.74	10.60	H
	3346	-56.32	-13	-43.32	-71.92	-65.92	0.85	12.60	H
	1672	-54.03	-13	-41.03	-61.24	-60.71	0.57	9.40	V
	2510	-59.14	-13	-46.14	-70.64	-66.85	0.74	10.60	V
	3346	-57.66	-13	-44.66	-72.27	-67.26	0.85	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	-52.81	-13	-39.81	-73.14	-64.54	0.87	12.60	H
	5640	-50.91	-13	-37.91	-73.78	-62.94	1.07	13.10	H
	7520	-50.55	-13	-37.55	-75.68	-60.16	1.69	11.30	H
	3760	-51.70	-13	-38.70	-73.26	-63.43	0.87	12.6	V
	5640	-50.63	-13	-37.63	-73.38	-62.66	1.07	13.1	V
	7520	-51.40	-13	-38.40	-76.31	-60.83	1.87	11.3	V