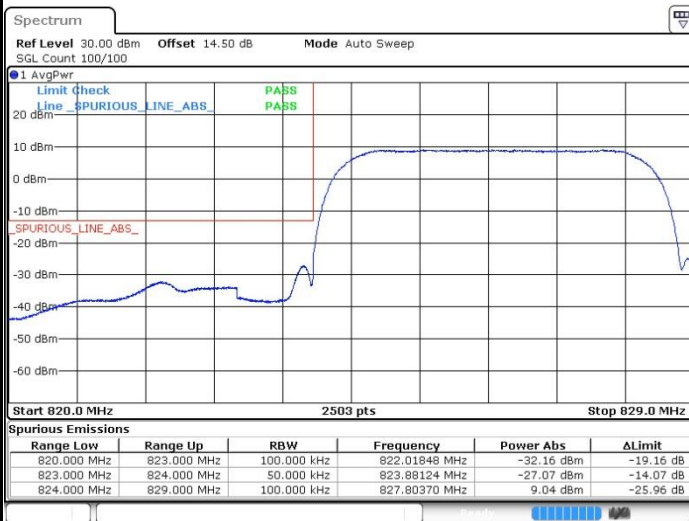




Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

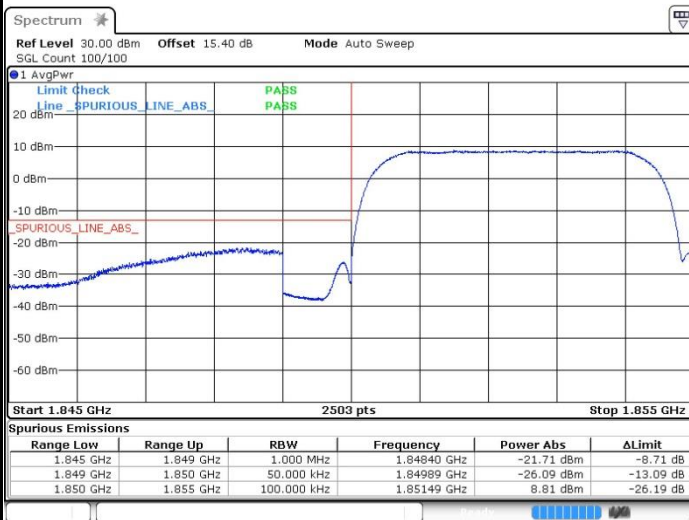


Highest Band Edge

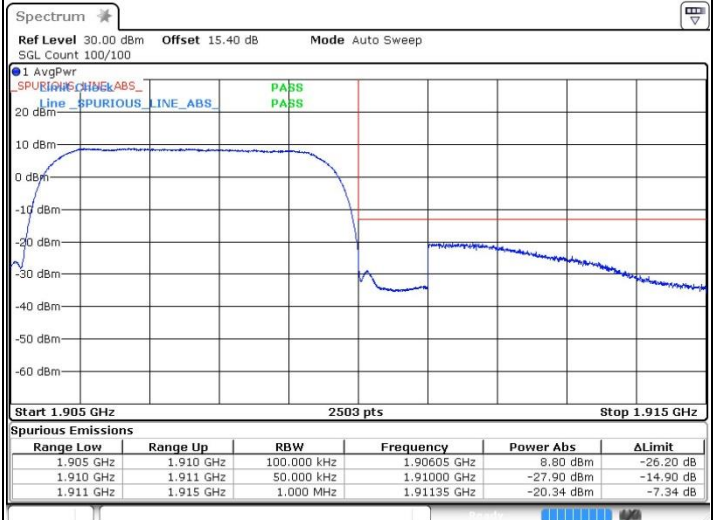


WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

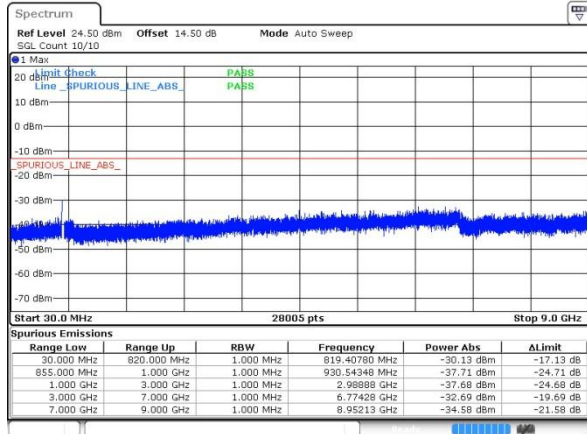




Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

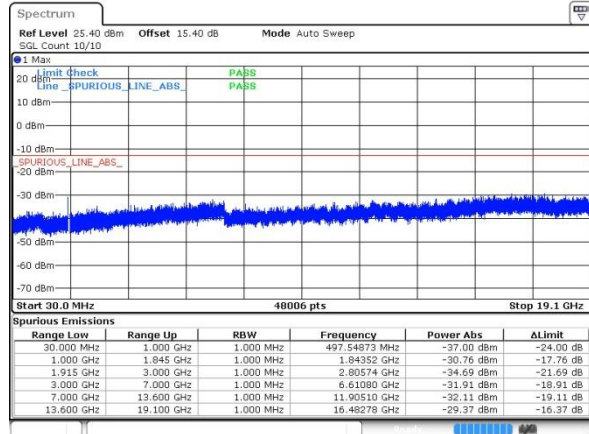
Lowest Channel



Date: 9 MAR 2020 16:13:13

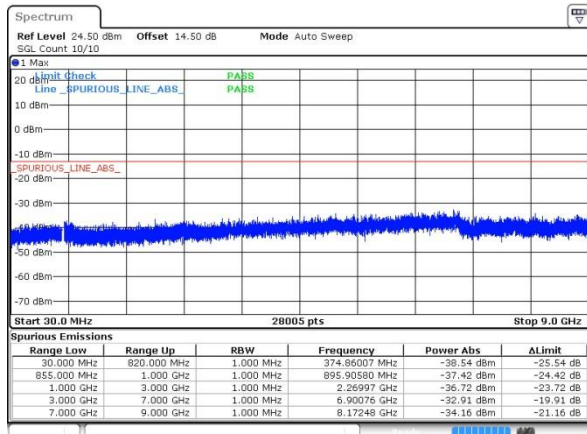
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



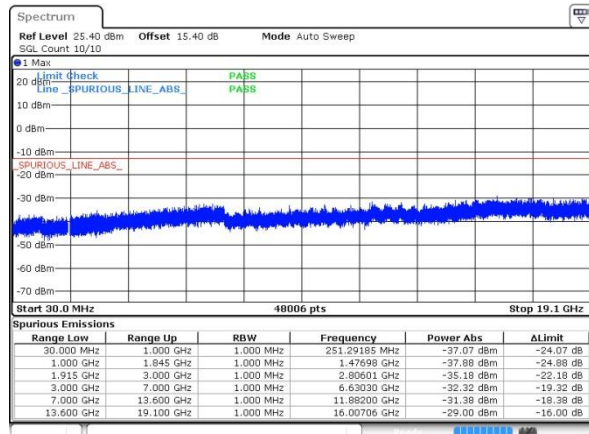
Date: 9 MAR 2020 16:35:05

Middle Channel



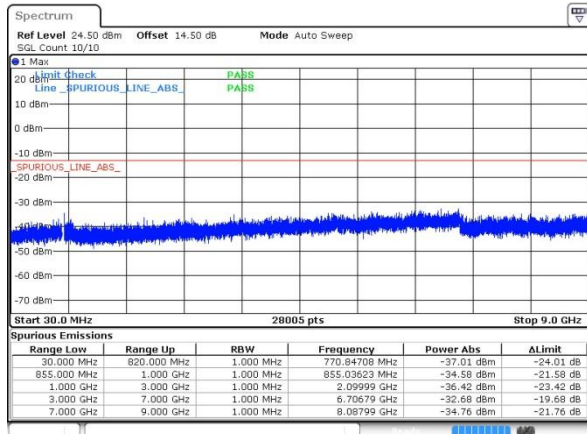
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Middle Channel



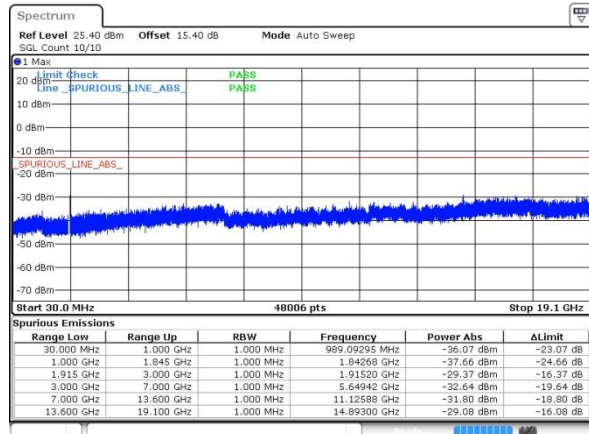
Date: 9 MAR 2020 16:37:16

Highest Channel



Date: 9 MAR 2020 16:16:18

Highest Channel



Date: 9 MAR 2020 16:38:48

**Frequency Stability**

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	0.0062	PASS
40	Normal Voltage	0.0106	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0166	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0131	
-30	Normal Voltage	0.0201	
20	Maximum Voltage	0.0072	
20	Normal Voltage	0.0038	
20	Battery End Point	0.0142	

Note:

1. Normal Voltage = 3.8V ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.2V
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	0.0020	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0027	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0053	
-20	Normal Voltage	0.0036	
-30	Normal Voltage	0.0040	
20	Maximum Voltage	0.0036	
20	Normal Voltage	0.0080	
20	Battery End Point	0.0048	

Note:

1. Normal Voltage = 3.8V ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.2V
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	-43.27	-13	-30.27	-50.24	1.58	10.70	H
	2508	-43.58	-13	-30.58	-51.83	2.102	12.50	H
	3348	-55.38	-13	-42.38	-64.27	2.856	13.90	H
	1672	-45.30	-13	-32.30	-52.27	1.58	10.70	V
	2510	-38.48	-13	-25.48	-46.73	2.10	12.50	V
	3348	-57.55	-13	-44.55	-66.44	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	-43.45	-13	-30.45	-50.42	1.58	10.70	H
	2508	-42.38	-13	-29.38	-50.63	2.102	12.50	H
	3348	-60.96	-13	-47.96	-69.85	2.856	13.90	H
	1672	-45.07	-13	-32.07	-52.04	1.58	10.70	V
	2510	-39.51	-13	-26.51	-47.76	2.10	12.50	V
	3348	-58.72	-13	-45.72	-67.61	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	3762	-55.48	-13	-42.48	-67.74	2.641	14.90	H
	5640	-55.06	-13	-42.06	-66.92	2.94	14.80	H
	7518	-50.73	-13	-37.73	-60.50	3.39	13.16	H
	3762	-54.29	-13	-41.29	-66.55	2.64	14.90	V
	5640	-54.00	-13	-41.00	-65.86	2.94	14.80	V
	7520	-49.97	-13	-36.97	-59.74	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	3762	-53.76	-13	-40.76	-66.02	2.641	14.90	H
	5640	-55.10	-13	-42.10	-66.96	2.94	14.80	H
	7520	-50.52	-13	-37.52	-60.29	3.39	13.16	H
	3762	-54.10	-13	-41.10	-66.36	2.64	14.90	V
	5640	-54.19	-13	-41.19	-66.05	2.94	14.80	V
	7520	-49.88	-13	-36.88	-59.65	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	-65.69	-13	-52.69	-72.66	1.58	10.70	H
	2509.2	-60.56	-13	-47.56	-68.81	2.102	12.50	H
	3348	-62.17	-13	-49.17	-71.06	2.856	13.90	H
	1672	-65.76	-13	-52.76	-72.73	1.58	10.70	V
	2510	-60.58	-13	-47.58	-68.83	2.10	12.50	V
	3348	-61.87	-13	-48.87	-70.76	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	3762	-55.71	-13	-42.71	-67.97	2.641	14.90	H
	5640	-55.00	-13	-42.00	-66.86	2.94	14.80	H
	7520	-50.21	-13	-37.21	-59.98	3.39	13.16	H
	3760	-56.18	-13	-43.18	-68.44	2.64	14.90	V
	5640	-54.30	-13	-41.30	-66.16	2.94	14.80	V
	7518	-49.78	-13	-36.78	-59.55	3.39	13.16	V

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