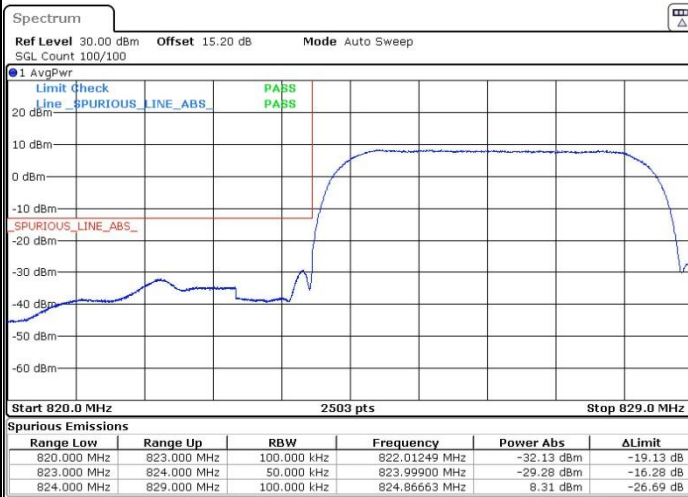




Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

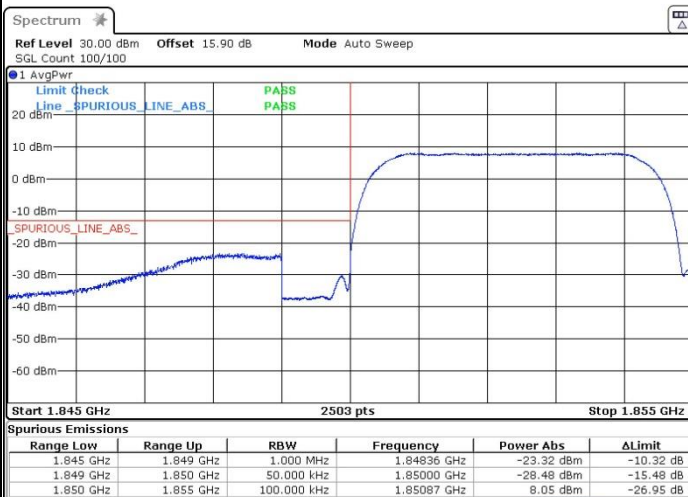


Highest Band Edge



WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

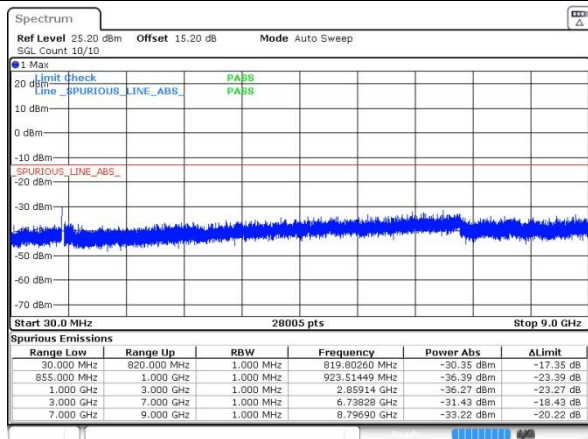




Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

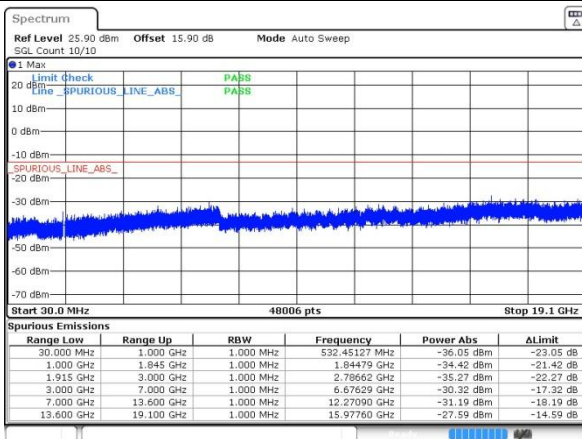
Lowest Channel



Date: 4 MAR 2021 05:12:15

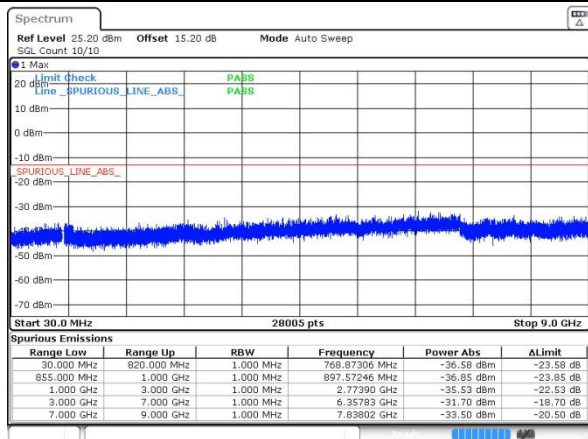
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



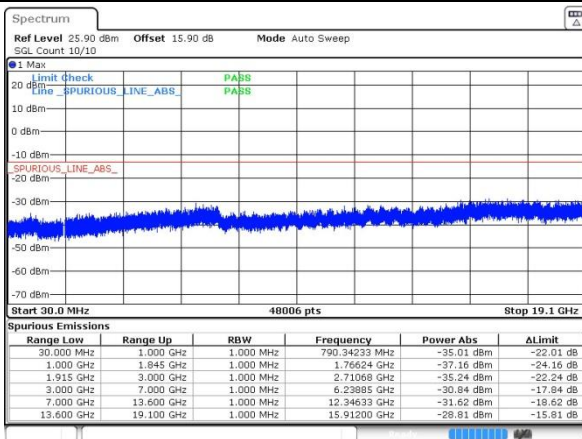
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Middle Channel



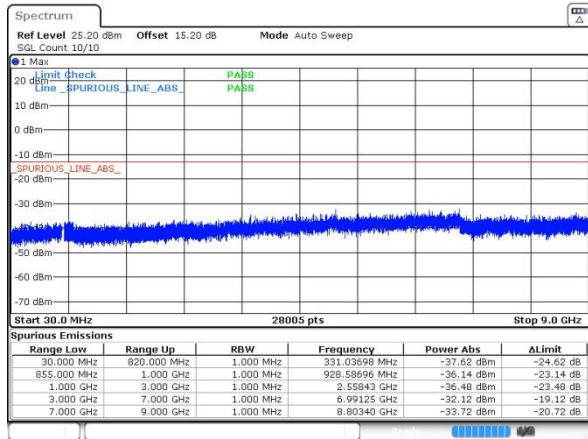
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Middle Channel



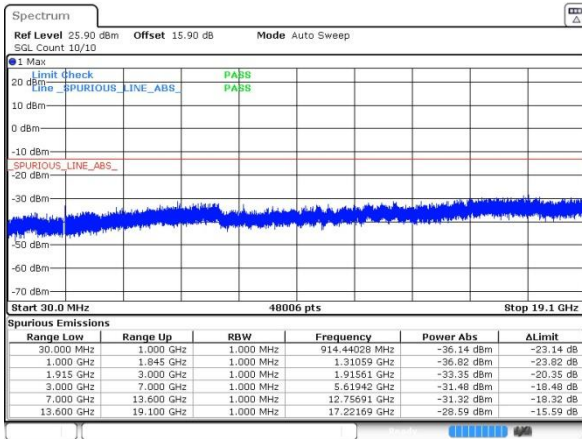
Date: 4 MAR 2021 04:29:32

Highest Channel



Date: 4 MAR 2021 05:15:02

Highest Channel



Date: 4 MAR 2021 04:30:56

**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	0.0058	PASS
40	Normal Voltage	0.0377	
30	Normal Voltage	0.0485	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0069	
0	Normal Voltage	0.0344	
-10	Normal Voltage	0.0063	
-20	Normal Voltage	0.0141	
-30	Normal Voltage	0.0325	
20	Maximum Voltage	0.0418	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0063	

Note: Normal Voltage = 3.86V ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.43V



Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0169	PASS
40	Normal Voltage	0.0136	
30	Normal Voltage	0.0144	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0155	
0	Normal Voltage	0.0136	
-10	Normal Voltage	0.0247	
-20	Normal Voltage	0.0072	
-30	Normal Voltage	0.0169	
20	Maximum Voltage	0.0162	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage = 3.86V ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.43V
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	-55.45	-13	-42.45	-62.42	1.58	10.70	H
	2508	-33.38	-13	-20.38	-41.63	2.10	12.50	H
	3348	-58.83	-13	-45.83	-67.72	2.86	13.90	H
	4182	-54.50	-13	-41.50	-64.19	3.46	15.30	H
	5016	-50.18	-13	-37.18	-60.64	4.09	16.70	H
	1672	-53.97	-13	-40.97	-60.94	1.58	10.70	V
	2508	-35.95	-13	-22.95	-44.20	2.10	12.50	V
	3348	-58.86	-13	-45.86	-67.75	2.86	13.90	V
	4182	-51.42	-13	-38.42	-61.11	3.46	15.30	V
	5016	-51.10	-13	-38.10	-61.56	4.09	16.70	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-59.83	-13	-46.83	-66.80	1.58	10.70	H
	2510	-35.24	-13	-22.24	-43.49	2.10	12.50	H
	3348	-60.04	-13	-47.04	-68.93	2.86	13.90	H
	1672	-48.63	-13	-35.63	-55.60	1.58	10.70	V
	2510	-45.99	-13	-32.99	-54.24	2.10	12.50	V
	3348	-60.53	-13	-47.53	-69.42	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	-57.12	-13	-44.12	-69.38	2.64	14.90	H
	5640	-49.38	-13	-36.38	-61.24	2.94	14.80	H
	7524	-52.56	-13	-39.56	-62.33	3.39	13.16	H
	3759	-56.87	-13	-43.87	-69.13	2.64	14.90	V
	5640	-50.35	-13	-37.35	-62.21	2.94	14.80	V
	7524	-52.84	-13	-39.84	-62.61	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	-56.91	-13	-43.91	-69.17	2.64	14.90	H
	5640	-54.86	-13	-41.86	-66.72	2.94	14.80	H
	7524	-52.81	-13	-39.81	-62.58	3.39	13.16	H
	3759	-57.08	-13	-44.08	-69.34	2.64	14.90	V
	5640	-55.30	-13	-42.30	-67.16	2.94	14.80	V
	7524	-52.89	-13	-39.89	-62.66	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	-65.11	-13	-52.11	-72.08	1.58	10.70	H
	2512	-51.85	-13	-38.85	-60.10	2.10	12.50	H
	3348	-60.40	-13	-47.40	-69.29	2.86	13.90	H
	1672	-60.37	-13	-47.37	-67.34	1.58	10.70	V
	2506	-45.34	-13	-32.34	-53.59	2.10	12.50	V
	3348	-60.11	-13	-47.11	-69.00	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	-56.66	-13	-43.66	-68.92	2.64	14.90	H
	5640	-54.78	-13	-41.78	-66.64	2.94	14.80	H
	7524	-53.31	-13	-40.31	-63.08	3.39	13.16	H
	3759	-56.62	-13	-43.62	-68.88	2.64	14.90	V
	5640	-55.45	-13	-42.45	-67.31	2.94	14.80	V
	7524	-53.00	-13	-40.00	-62.77	3.39	13.16	V

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