

LTE Band 5_5MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
20425	826.5	4.62	5.60	5.43	13	Pass
20525	836.5	4.51	5.48	5.15	13	Pass
20625	846.5	4.83	5.84	5.49	13	Pass

Spectrum Plot



LTE Band 5_10MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
20450	829.0	4.83	5.73	5.68	13	Pass
20525	836.5	4.64	5.75	5.56	13	Pass
20600	844.0	4.75	5.77	5.39	13	Pass

Spectrum Plot



APPENDIX I - FREQUENCY STABILITY

Test Mode	GSM850_CH190
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency error (Hz)	ppm	Limit
50	26.56	0.0317	±2.5ppm
40	26.67	0.0319	
30	25.54	0.0305	
20	27.21	0.0325	
10	26.45	0.0316	
0	26.25	0.0314	
-10	26.32	0.0315	
-20	27.34	0.0327	
-30	25.67	0.0307	
Minimum voltage	24.58	0.0294	
Maximum voltage	25.69	0.0307	
Nominal voltage	25.33	0.0303	

Note: Nominal voltage= 3.6V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

Test Mode	WCDMA Band V_CH4182
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency error (Hz)	ppm	Limit
50	16.57	0.0198	±2.5ppm
40	16.59	0.0198	
30	16.75	0.0200	
20	17.31	0.0207	
10	16.41	0.0196	
0	17.54	0.0210	
-10	16.32	0.0195	
-20	15.52	0.0186	
-30	15.56	0.0186	
Minimum voltage	17.54	0.0210	
Maximum voltage	16.36	0.0196	
Nominal voltage	16.46	0.0197	

Note: Nominal voltage= 3.6V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

Test Mode	LTE Band 5_CH20525_10MHz
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency error (Hz)	ppm	Limit
50	-23.35	-0.0279	±2.5ppm
40	-32.45	-0.0388	
30	-43.25	-0.0517	
20	-36.5	-0.0436	
10	-33.64	-0.0402	
0	-52.12	-0.0623	
-10	-31.12	-0.0372	
-20	-42.32	-0.0506	
-30	-35.25	-0.0421	
Minimum voltage	-25.21	-0.0301	
Maximum voltage	-32.38	-0.0387	
Nominal voltage	-40.35	-0.0482	

Note: Nominal voltage= 3.6V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

End of Test Report