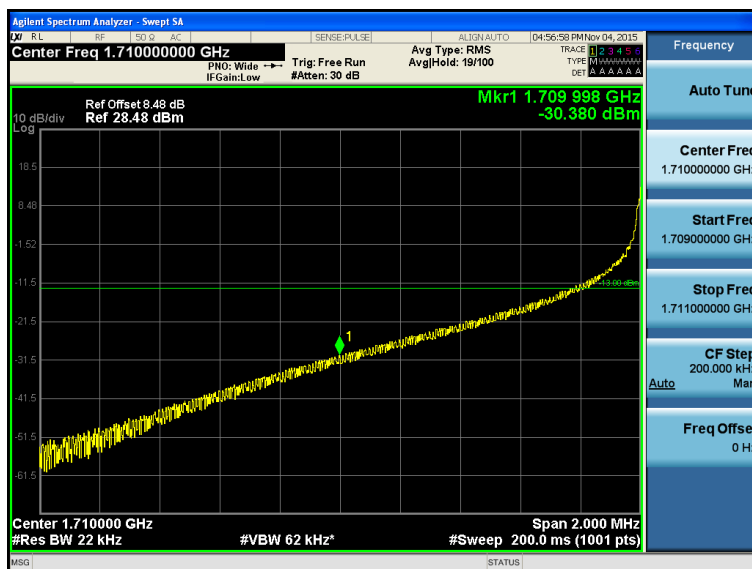


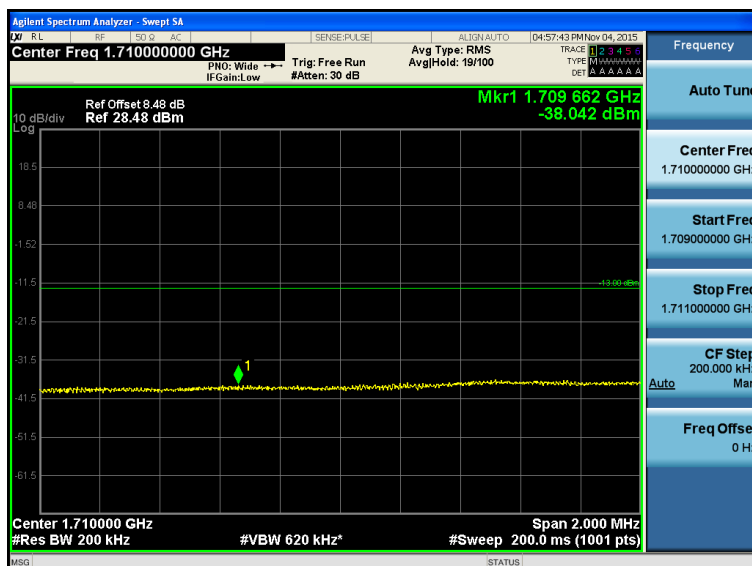
Test Result of Band Edge Emissions, LTE Band IV, LCH(16QAM, Bandwidth=20.0MHz, RB=RB1#0)

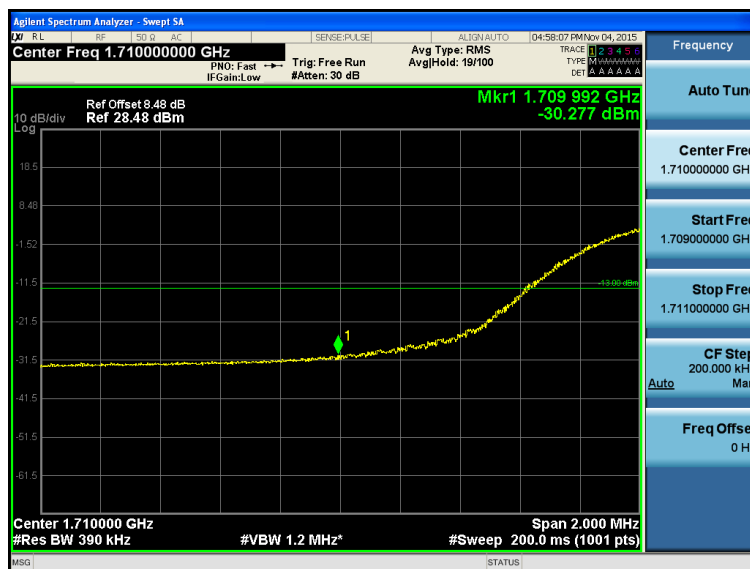
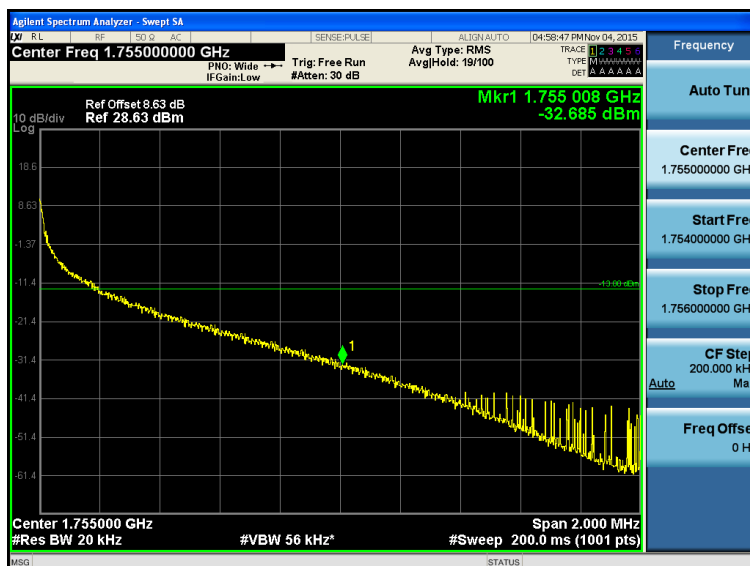


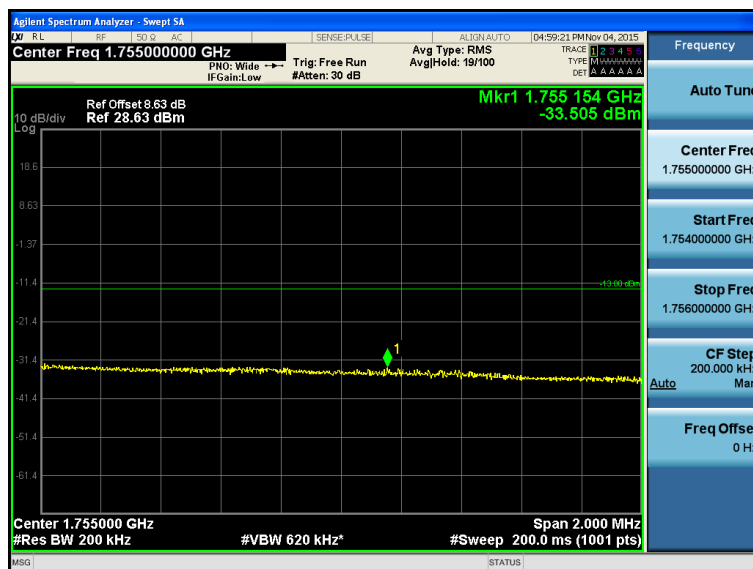
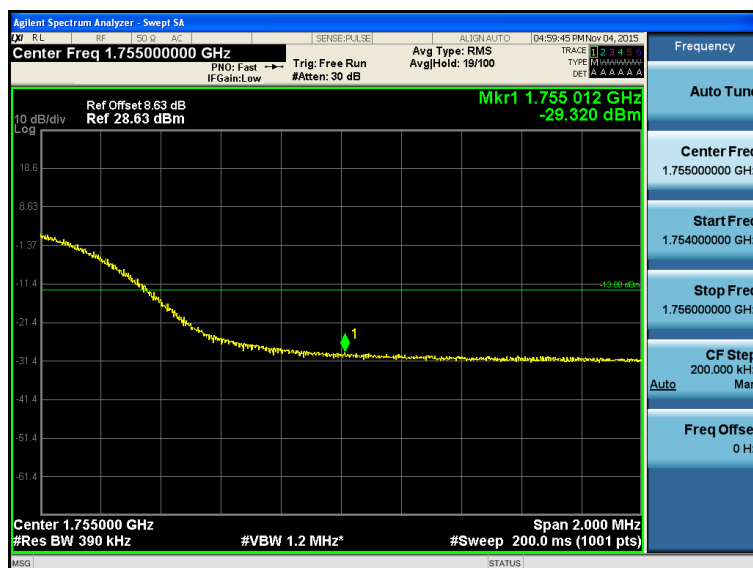
Test Result of Band Edge Emissions, LTE Band IV, LCH(16QAM, Bandwidth=20.0MHz, RB=RB1#99)



Test Result of Band Edge Emissions, LTE Band IV, LCH(16QAM, Bandwidth=20.0MHz, RB=RB50#25)



Test Result of Band Edge Emissions, LTE Band IV, LCH(16QAM, Bandwidth=20.0MHz, RB=RB100#0)**Test Result of Band Edge Emissions, LTE Band IV, HCH(16QAM, Bandwidth=20.0MHz, RB=RB1#0)****Test Result of Band Edge Emissions, LTE Band IV, HCH(16QAM, Bandwidth=20.0MHz, RB=RB1#99)**

Test Result of Band Edge Emissions, LTE Band IV, HCH(16QAM, Bandwidth=20.0MHz, RB=RB50#25)**Test Result of Band Edge Emissions, LTE Band IV, HCH(16QAM, Bandwidth=20.0MHz, RB=RB100#0)**

NOTE: All conditions have been tested and we only record the worst results in each bands.

Appendix V: RADIATED SPURIOUS EMISSIONS MEASUREMENT

Part I: Test result

The Worst Test Result For GSM 850, CH 128(30M~10G)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.59	-13	Pass	H
1649.52	-21.79			
2474.15	-19.46			
42.61	-61.51	-13	Pass	V
1649.52	-24.78			
2474.15	-20.03			

The Worst Test Result For GSM 850, CH 190(30M~10G)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.16	-13	Pass	H
1673.23	-21.71	-13		
2510.87	-19.52	-13		
42.61	-61.78	-13	Pass	V
1673.23	-24.59	-13		
2510.87	-20.41	-13		

The Worst Test Result For GSM 850, CH 251(30M~10G)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.13	-13	Pass	H
1697.52	-21.44	-13		
2546.41	-19.78	-13		
42.61	-61.36	-13	Pass	V
1697.52	-24.52	-13		
2546.41	-20.41	-13		

The Worst Test Result For GSM 850 EGPRS, CH 128(30M~10G)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.13	-13	Pass	H
1649.52	-24.74			
2474.15	-22.05			
42.61	-61.31	-13	Pass	V
1649.52	-25.22			
2474.15	-23.46			

The Worst Test Result For GSM 850 EGPRS, CH 190(30M~10G)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.08	-13	Pass	H
1673.23	-24.69	-13		
2510.87	-22.58	-13		
42.61	-61.16	-13	Pass	V
1673.23	-25.24	-13		
2510.87	-23.72	-13		

The Worst Test Result For GSM 850 EGPRS, CH 251(30M~10G)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.46	-13	Pass	H
1697.52	-24.85	-13		
2546.41	-22.36	-13		
42.61	-61.02	-13	Pass	V
1697.52	-25.71	-13		
2546.41	-23.48	-13		

The Worst Test Result For PCS 1900, CH 512(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.12	-13	Pass	H
3700.49	-22.41	-13		
5550.41	-21.78	-13		
42.61	-61.06	-13	Pass	V
3700.49	-25.63	-13		
5550.41	-22.51	-13		

The Worst Test Result For PCS 1900, CH 661(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.43	-13	Pass	H
3760.28	-22.58	-13		
5640.75	-21.71	-13		
42.61	-61.26	-13	Pass	V
3760.28	-25.45	-13		
5640.75	-22.03	-13		

The Worst Test Result For PCS 1900, CH 810(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.41	-13	Pass	H
3819.85	-22.89	-13		
5728.93	-21.66	-13		
42.61	-61.23	-13	Pass	V
3819.85	-25.51	-13		
5728.93	-22.78	-13		

The Worst Test Result For PCS 1900 EGPRS, CH 512(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.16	-13	Pass	H
3700.49	-23.44	-13		
5550.41	-22.28	-13		
42.61	-61.23	-13	Pass	V
3700.49	-26.75	-13		
5550.41	-24.01	-13		

The Worst Test Result For PCS 1900 EGPRS, CH 661(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.03	-13	Pass	H
3760.28	-23.11	-13		
5640.75	-22.41	-13		
42.61	-61.78	-13	Pass	V
3760.28	-26.36	-13		
5640.75	-24.01	-13		

The Worst Test Result For PCS 1900 EGPRS, CH 810(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.42	-13	Pass	H
3819.85	-23.87	-13		
5728.93	-22.69	-13		
42.61	-61.15	-13	Pass	V
3819.85	-26.74	-13		
5728.93	-24.31	-13		

The Worst Test Result For UMTS 850, CH 4132, 12.2K RMC(30MHz~10GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.40	-13	Pass	H
1652.38	-24.78			
2480.14	-22.06			
42.61	-61.11	-13	Pass	V
1652.38	-25.45			
2480.14	-23.02			

The Worst Test Result For UMTS 850, CH 4180, 12.2K RMC(30MHz~10GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.40	-13	Pass	H
1672.58	-24.78			
2508.11	-22.59			
42.61	-61.16	-13	Pass	V
1672.58	-25.78			
2508.11	-23.31			

The Worst Test Result For UMTS 850, CH 4233, 12.2K RMC(30MHz~10GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.54	-13	Pass	H
1694.25	-24.02			
2540.86	-22.52			
42.61	-61.23	-13	Pass	V
1694.25	-25.56			
2540.86	-23.41			

The Worst Test Result For UMTS 1900, CH 9262, 12.2K RMC(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.16	-13	Pass	H
3704.85	-23.41	-13		
5557.28	-22.75	-13		
42.61	-61.63	-13	Pass	V
3704.85	-26.25	-13		
5557.28	-24.01	-13		

The Worst Test Result For UMTS 1900, CH 9400, 12.2K RMC(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.89	-13	Pass	H
3760.58	-23.46	-13		
5640.89	-22.52	-13		
42.61	-61.07	-13	Pass	V
3760.58	-26.23	-13		
5640.89	-24.64	-13		

The Worst Test Result For UMTS 1900, CH 9538, 12.2K RMC(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.56	-13	Pass	H
3815.24	-23.15	-13		
5722.41	-22.74	-13		
42.61	-61.33	-13	Pass	V
3815.24	-26.52	-13		
5722.41	-24.17	-13		

The Worst Test Result For LTE Band II, LCH, Bandwidth=1.4MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.78	-13	Pass	H
3701.69	-26.55	-13		
5552.36	-25.02	-13		
42.61	-61.41	-13	Pass	V
3701.69	-28.78	-13		
5552.36	-27.36	-13		

The Worst Test Result For LTE Band II, MCH, Bandwidth=1.4MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.51	-13	Pass	H
3760.58	-26.06	-13		
5640.89	-25.22	-13		
42.61	-61.56	-13	Pass	V
3760.58	-28.47	-13		
5640.89	-27.41	-13		

The Worst Test Result For LTE Band II, HCH, Bandwidth=1.4MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.11	-13	Pass	H
3818.96	-26.74	-13		
5727.84	-25.56	-13		
42.61	-61.03	-13	Pass	V
3818.96	-28.74	-13		
5727.84	-27.02	-13		

The Worst Test Result For LTE Band II, LCH, Bandwidth=5.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.35	-13	Pass	H
3705.51	-26.02	-13		
5557.83	-25.14	-13		
42.61	-61.25	-13	Pass	V
3705.51	-28.74	-13		
5557.83	-27.69	-13		

The Worst Test Result For LTE Band II, MCH, Bandwidth=5.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.03	-13	Pass	H
3760.58	-26.12	-13		
5640.89	-25.74	-13		
42.61	-61.89	-13	Pass	V
3760.58	-28.56	-13		
5640.89	-27.41	-13		

The Worst Test Result For LTE Band II, HCH, Bandwidth=5.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.28	-13	Pass	H
3815.69	-26.03	-13		
5722.24	-25.41	-13		
42.61	-61.74	-13	Pass	V
3815.69	-28.62	-13		
5722.24	-27.20	-13		

The Worst Test Result For LTE Band II, LCH, Bandwidth=20.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.41	-13	Pass	H
3720.36	-26.87	-13		
5580.41	-25.06	-13		
42.61	-61.13	-13	Pass	V
3720.36	-28.87	-13		
5580.41	-26.45	-13		

The Worst Test Result For LTE Band II, MCH, Bandwidth=20.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.07	-13	Pass	H
3760.58	-26.26	-13		
5640.89	-25.78	-13		
42.61	-61.51	-13	Pass	V
3760.58	-28.47	-13		
5640.89	-26.03	-13		

The Worst Test Result For LTE Band II, HCH, Bandwidth=20.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.71	-13	Pass	H
3800.49	-26.41	-13		
5700.38	-25.74	-13		
42.61	-61.36	-13	Pass	V
3800.49	-28.15	-13		
5700.38	-26.24	-13		

The Worst Test Result For LTE Band IV, LCH, Bandwidth=1.4MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.71	-13	Pass	H
3421.31	-26.35	-13		
5132.98	-25.02	-13		
42.61	-61.41	-13	Pass	V
3421.31	-28.73	-13		
5132.98	-26.69	-13		

The Worst Test Result For LTE Band IV, MCH, Bandwidth=1.4MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.46	-13	Pass	H
3465.16	-26.81	-13		
5197.31	-25.26	-13		
42.61	-61.11	-13	Pass	V
3465.16	-28.77	-13		
5197.31	-26.68	-13		

The Worst Test Result For LTE Band IV, HCH, Bandwidth=1.4MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.78	-13	Pass	H
3508.45	-26.69	-13		
5262.76	-25.41	-13		
42.61	-61.78	-13	Pass	V
3508.45	-28.26	-13		
5262.76	-26.30	-13		

The Worst Test Result For LTE Band IV, LCH, Bandwidth=5.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.11	-13	Pass	H
3425.68	-26.74	-13		
5137.82	-25.21	-13		
42.61	-61.36	-13	Pass	V
3425.68	-28.75	-13		
5137.82	-26.12	-13		

The Worst Test Result For LTE Band IV, MCH, Bandwidth=5.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.66	-13	Pass	H
3465.16	-26.15	-13		
5197.31	-25.74	-13		
42.61	-61.23	-13	Pass	V
3465.16	-28.43	-13		
5197.31	-26.02	-13		

The Worst Test Result For LTE Band IV, HCH, Bandwidth=5.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.58	-13	Pass	H
3451.25	-26.03	-13		
5176.87	-25.12	-13		
42.61	-61.41	-13	Pass	V
3451.25	-28.23	-13		
5176.87	-26.02	-13		

The Worst Test Result For LTE Band IV, LCH, Bandwidth=20.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.85	-13	Pass	H
3440.39	-26.03	-13		
5160.37	-25.22	-13		
42.61	-61.44	-13	Pass	V
3440.39	-28.69	-13		
5160.37	-26.55	-13		

The Worst Test Result For LTE Band IV, MCH, Bandwidth=20.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.11	-13	Pass	H
3465.16	-26.74	-13		
5197.31	-25.86	-13		
42.61	-61.36	-13	Pass	V
3465.16	-28.02	-13		
5197.31	-26.41	-13		

The Worst Test Result For LTE Band IV, HCH, Bandwidth=20.0MHz(30MHz~20GHz)				
Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Result	Polarity
34.85	-67.23	-13	Pass	H
3490.85	-26.40	-13		
5235.14	-25.78	-13		
42.61	-61.14	-13	Pass	V
3490.85	-28.40	-13		
5235.14	-26.78	-13		

NOTE: The result below 30MHz is too low, there is only base environmental noise. We Only record the worst results above 30MHz.

Appendix VI: FREQUENCY STABILITY OVER TEMPERATURE AND VOLTAGE VARIATIONS

Part I: Test result

Mode	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
GSM 850	Middle CH	LV	25	49.24	0.05885	+/- 2.5	Pass
		NV		17.41	0.02081		Pass
		HV		21.64	0.02586		Pass
		NV	-30	36.56	0.04370		Pass
			-20	11.94	0.01427		Pass
			-10	40.68	0.04862		Pass
			0	40.01	0.04782		Pass
			10	33.38	0.03989		Pass
			20	20.76	0.02481		Pass
			30	12.63	0.01509		Pass
			40	37.75	0.04512		Pass
			50	11.02	0.01317		Pass
GSM 850 EGPRS	Middle CH	LV	25	18.46	0.02206	+/- 2.5	Pass
		NV		38.23	0.04569		Pass
		HV		12.74	0.01522		Pass
		NV	-30	24.97	0.02984		Pass
			-20	39.50	0.04721		Pass
			-10	37.98	0.04539		Pass
			0	26.28	0.03141		Pass
			10	17.60	0.02103		Pass
			20	20.54	0.02455		Pass
			30	14.98	0.01790		Pass
			40	25.53	0.03051		Pass
			50	23.39	0.02795		Pass
PCS 1900	Middle CH	LV	25	23.70	0.01260	+/- 2.5	Pass
		NV		30.87	0.01642		Pass
		HV		18.35	0.00976		Pass
		NV	-30	18.44	0.00980		Pass
			-20	41.37	0.02200		Pass
			-10	31.20	0.01659		Pass
			0	37.49	0.01994		Pass
			10	34.83	0.01852		Pass
			20	41.96	0.02231		Pass
			30	45.51	0.02420		Pass
			40	12.73	0.00677		Pass
			50	33.83	0.01799		Pass
NOTE:All conditions have been tested and we only record the worst results in each bands.							
LV=3.25V, NV=3.80V, HV=4.35V							

Mode	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
PCS 1900 EGPRS	Middle CH	LV	25	26.42	0.01405	+/- 2.5	Pass
		NV		49.70	0.02643		Pass
		HV		36.87	0.01961		Pass
		NV	-30	22.96	0.01221		Pass
			-20	36.88	0.01961		Pass
			-10	14.83	0.00788		Pass
			0	23.08	0.01227		Pass
			10	15.42	0.00820		Pass
			20	29.22	0.01554		Pass
			30	26.62	0.01415		Pass
			40	38.84	0.02065		Pass
			50	48.32	0.02570		Pass
UMTS 850 RMC	Middle CH	LV	25	2.12	0.00253	+/- 2.5	Pass
		NV		1.75	0.00209		Pass
		HV		-2.05	-0.00245		Pass
		NV	-30	1.02	0.00122		Pass
			-20	-0.11	-0.00013		Pass
			-10	-1.63	-0.00195		Pass
			0	-2.08	-0.00249		Pass
			10	-0.44	-0.00052		Pass
			20	-0.37	-0.00044		Pass
			30	0.35	0.00042		Pass
			40	1.80	0.00215		Pass
			50	2.99	0.00358		Pass
UMTS 850 HSDPA	Middle CH	LV	25	1.67	0.00199	+/- 2.5	Pass
		NV		2.33	0.00278		Pass
		HV		1.53	0.00183		Pass
		NV	-30	-2.67	-0.00319		Pass
			-20	1.34	0.00160		Pass
			-10	-1.68	-0.00200		Pass
			0	0.23	0.00027		Pass
			10	-1.55	-0.00185		Pass
			20	0.68	0.000813		Pass
			30	-0.09	-0.00010		Pass
			40	-2.16	-0.00258		Pass
			50	-1.72	-0.00206		Pass

NOTE: All conditions have been tested and we only record the worst results in each bands.

LV=3.25V, NV=3.80V, HV=4.35V

Mode	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict				
UMTS 850 HSUPA	Middle CH	LV	25	1.82	0.00217	+/- 2.5	Pass				
		NV		0.42	0.00050		Pass				
		HV		-1.48	-0.00177		Pass				
		NV	-30	-2.98	-0.00356		Pass				
			-20	1.45	0.00173		Pass				
			-10	-2.01	-0.00240		Pass				
			0	-2.71	-0.00324		Pass				
			10	2.54	0.00303		Pass				
			20	1.63	0.00194		Pass				
			30	-1.95	-0.00233		Pass				
			40	-1.76	-0.00210		Pass				
			50	-2.54	-0.00303		Pass				
			UMTS 1900 RMC	Middle CH	LV		25	-2.44	-0.00291	+/- 2.5	Pass
					NV			0.48	0.00574		Pass
					HV			-1.36	-0.00162		Pass
NV	-30	0.91			0.00108	Pass					
	-20	-2.70			-0.00328	Pass					
	-10	0.35			0.00041	Pass					
	0	-1.94			-0.00232	Pass					
	10	1.60			0.00191	Pass					
	20	-2.41			-0.00288	Pass					
	30	-0.91			-0.00108	Pass					
	40	0.68			0.00081	Pass					
	50	0.94			0.00112	Pass					
	UMTS 1900 HSDPA	Middle CH			LV	25	1.62	0.00193	+/- 2.5		Pass
					NV		0.27	0.00032			Pass
					HV		2.58	0.00308			Pass
NV			-30	-0.98	-0.00117	Pass					
			-20	2.53	0.00302	Pass					
			-10	-2.39	-0.00285	Pass					
			0	1.56	0.00186	Pass					
			10	1.96	0.00234	Pass					
			20	-0.83	-0.00099	Pass					
			30	-2.52	-0.00301	Pass					
			40	0.78	0.00093	Pass					
			50	-2.24	-0.00267	Pass					

NOTE: All conditions have been tested and we only record the worst results in each bands.

LV=3.25V, NV=3.80V, HV=4.35V

Mode	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
UMTS 1900 HSUPA	Middle CH	LV	25	2.75	0.00146	+/- 2.5	Pass
		NV		-2.72	-0.00145		Pass
		HV		0.11	0.00059		Pass
		NV	-30	2.39	0.00127		Pass
			-20	-1.96	-0.00104		Pass
			-10	-0.26	-0.00014		Pass
			0	-2.18	-0.00116		Pass
			10	-2.53	-0.00135		Pass
			20	1.95	0.00104		Pass
			30	1.25	0.00066		Pass
			40	2.93	0.00156		Pass
			50	0.13	0.00069		Pass

NOTE: All conditions have been tested and we only record the worst results in each bands.

LV=3.25V, NV=3.80V, HV=4.35V

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND II (QPSK)	1.4	Low CH	LV	25	0.23	0.000124	+/- 2.5	Pass
			NV		-25.45	-0.013751		Pass
			HV		0.27	0.000147		Pass
			NV	-30	-0.04	-0.000023		Pass
				-20	0.57	0.000309		Pass
				-10	-0.72	-0.000386		Pass
				0	-0.49	-0.000263		Pass
				10	-0.64	-0.000348		Pass
				20	3.58	0.001932		Pass
				30	-1.34	-0.000727		Pass
				40	-0.41	-0.000224		Pass
				50	0.87	0.000472		Pass
		Middle CH	LV	25	-1.07	-0.000571	+/- 2.5	Pass
			NV		0.87	0.000464		Pass
			HV		4.28	0.002275		Pass
			NV	-30	0.30	0.000160		Pass
				-20	0.93	0.000495		Pass
				-10	0.00	0.000000		Pass
				0	-0.33	-0.000175		Pass
				10	0.27	0.000145		Pass
				20	1.00	0.000533		Pass
				30	-0.17	-0.000091		Pass
				40	-0.13	-0.000068		Pass
				50	0.07	0.000038		Pass
		High CH	LV	25	-0.77	-0.000405	+/- 2.5	Pass
			NV		0.33	0.000172		Pass
			HV		2.93	0.001536		Pass
			NV	-30	-2.00	-0.001049		Pass
				-20	0.11	0.000060		Pass
				-10	0.13	0.000067		Pass
				0	1.02	0.000532		Pass
				10	0.17	0.000090		Pass
				20	-0.14	-0.000075		Pass
				30	1.95	0.001019		Pass
				40	2.45	0.001281		Pass
				50	-1.27	-0.000667		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND II (QPSK)	3.0	Low CH	LV	25	-2.27	-0.001228	+/- 2.5	Pass
			NV		3.13	0.001692		Pass
			HV		0.06	0.000031		Pass
			NV	-30	0.74	0.000402		Pass
				-20	-1.16	-0.000626		Pass
				-10	-0.40	-0.000216		Pass
				0	-0.27	-0.000147		Pass
				10	0.30	0.000162		Pass
				20	0.10	0.000054		Pass
				30	-3.92	-0.002117		Pass
				40	-1.72	-0.000927		Pass
				50	1.37	0.000742		Pass
		Middle CH	LV	25	0.72	0.000380	+/- 2.5	Pass
			NV		0.76	0.000403		Pass
			HV		-1.50	-0.000799		Pass
			NV	-30	-0.01	-0.000008		Pass
				-20	1.76	0.000936		Pass
				-10	0.82	0.000434		Pass
				0	2.95	0.001567		Pass
				10	3.58	0.001902		Pass
				20	-0.97	-0.000517		Pass
				30	4.13	0.002199		Pass
				40	-0.26	-0.000137		Pass
				50	-0.04	-0.000023		Pass
		High CH	LV	25	0.74	0.000390	+/- 2.5	Pass
			NV		2.66	0.001394		Pass
			HV		-1.60	-0.000839		Pass
			NV	-30	0.14	0.000075		Pass
				-20	-0.39	-0.000202		Pass
				-10	-0.96	-0.000502		Pass
				0	0.41	0.000217		Pass
				10	0.93	0.000487		Pass
				20	1.66	0.000869		Pass
				30	1.50	0.000787		Pass
				40	1.23	0.000645		Pass
				50	0.57	0.000300		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND II (QPSK)	5.0	Low CH	LV	25	4.92	0.002656	+/- 2.5	Pass
			NV		-2.47	-0.001336		Pass
			HV		3.23	0.001745		Pass
			NV	-30	-1.86	-0.001004		Pass
				-20	3.00	0.001622		Pass
				-10	-0.90	-0.000486		Pass
				0	-2.46	-0.001328		Pass
				10	-3.12	-0.001683		Pass
				20	-1.10	-0.000595		Pass
				30	1.65	0.000888		Pass
				40	2.16	0.001166		Pass
				50	1.80	0.000973		Pass
		Middle CH	LV	25	0.97	0.000517	+/- 2.5	Pass
			NV		-0.23	-0.000122		Pass
			HV		0.30	0.000160		Pass
			NV	-30	0.94	0.000502		Pass
				-20	-0.62	-0.000327		Pass
				-10	-2.32	-0.001233		Pass
				0	-0.39	-0.000205		Pass
				10	0.47	0.000251		Pass
				20	1.14	0.000609		Pass
				30	0.66	0.000350		Pass
				40	-0.30	-0.000160		Pass
				50	0.10	0.000053		Pass
		High CH	LV	25	2.20	0.001155	+/- 2.5	Pass
			NV		3.50	0.001837		Pass
			HV		-0.11	-0.000060		Pass
			NV	-30	0.10	0.000052		Pass
				-20	1.34	0.000705		Pass
				-10	0.94	0.000495		Pass
				0	-0.13	-0.000067		Pass
				10	1.49	0.000780		Pass
				20	2.35	0.001230		Pass
				30	-1.34	-0.000705		Pass
				40	-2.69	-0.001410		Pass
				50	-1.87	-0.000982		Pass

LV=3.25V, NV=3.80V, HV=4.35V

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND II (QPSK)	10.0	Low CH	LV	25	-0.49	-0.000262	+/- 2.5	Pass
			NV		-0.06	-0.000031		Pass
			HV		0.84	0.000455		Pass
			NV	-30	0.96	0.000517		Pass
				-20	0.03	0.000015		Pass
				-10	0.57	0.000308		Pass
				0	-0.10	-0.000054		Pass
				10	-0.90	-0.000486		Pass
				20	-0.11	-0.000062		Pass
				30	0.84	0.000455		Pass
				40	-0.51	-0.000278		Pass
				50	-0.20	-0.000108		Pass
		Middle CH	LV	25	0.83	0.000441	+/- 2.5	Pass
			NV		-0.27	-0.000145		Pass
			HV		-0.87	-0.000464		Pass
			NV	-30	-0.27	-0.000145		Pass
				-20	-0.24	-0.000129		Pass
				-10	-0.29	-0.000152		Pass
				0	0.50	0.000266		Pass
				10	-0.31	-0.000167		Pass
				20	0.36	0.000190		Pass
				30	0.26	0.000137		Pass
				40	0.57	0.000304		Pass
				50	-0.07	-0.000038		Pass
		High CH	LV	25	-0.41	-0.000218	+/- 2.5	Pass
			NV		-1.00	-0.000526		Pass
			HV		-0.64	-0.000338		Pass
			NV	-30	0.73	0.000383		Pass
				-20	1.04	0.000548		Pass
				-10	0.30	0.000158		Pass
				0	1.02	0.000533		Pass
				10	-1.07	-0.000563		Pass
				20	-1.42	-0.000743		Pass
				30	0.21	0.000113		Pass
				40	-0.11	-0.000060		Pass
				50	0.31	0.000165		Pass

LV=3.25V, NV=3.80V, HV=4.35V

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND II (QPSK)	15.0	Low CH	LV	25	3.15	0.001694	+/- 2.5	Pass
			NV		3.00	0.001617		Pass
			HV		3.66	0.001972		Pass
			NV	-30	2.90	0.001563		Pass
				-20	2.50	0.001348		Pass
				-10	3.65	0.001964		Pass
				0	1.80	0.000970		Pass
				10	4.12	0.002218		Pass
				20	3.22	0.001733		Pass
				30	2.73	0.001471		Pass
				40	2.62	0.001409		Pass
				50	3.63	0.001956		Pass
		Middle CH	LV	25	0.16	0.000084	+/- 2.5	Pass
			NV		1.00	0.000533		Pass
			HV		0.03	0.000015		Pass
			NV	-30	-0.07	-0.000038		Pass
				-20	0.82	0.000434		Pass
				-10	0.53	0.000282		Pass
				0	1.09	0.000578		Pass
				10	-0.31	-0.000167		Pass
				20	-0.73	-0.000388		Pass
				30	0.59	0.000312		Pass
				40	-0.62	-0.000327		Pass
				50	-0.27	-0.000145		Pass
		High CH	LV	25	0.31	0.000165	+/- 2.5	Pass
			NV		-0.29	-0.000150		Pass
			HV		-0.44	-0.000233		Pass
			NV	-30	-1.10	-0.000579		Pass
				-20	-0.46	-0.000241		Pass
				-10	-0.29	-0.000150		Pass
				0	0.49	0.000256		Pass
				10	0.13	0.000068		Pass
				20	0.33	0.000173		Pass
				30	-0.34	-0.000180		Pass
				40	0.34	0.000180		Pass
				50	-0.39	-0.000203		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND II (QPSK)	20.0	Low CH	LV	25	-0.01	-0.000008	+/- 2.5	Pass
			NV		-0.26	-0.000138		Pass
			HV		0.37	0.000200		Pass
			NV	-30	-1.07	-0.000577		Pass
				-20	-0.87	-0.000469		Pass
				-10	-0.69	-0.000369		Pass
				0	-0.86	-0.000461		Pass
				10	-0.62	-0.000331		Pass
				20	-0.04	-0.000023		Pass
				30	-0.53	-0.000285		Pass
				40	-0.31	-0.000169		Pass
				50	-0.11	-0.000062		Pass
		Middle CH	LV	25	0.80	0.000426	+/- 2.5	Pass
			NV		-0.49	-0.000259		Pass
			HV		-0.27	-0.000145		Pass
			NV	-30	0.03	0.000015		Pass
				-20	0.16	0.000084		Pass
				-10	-0.46	-0.000243		Pass
				0	0.74	0.000396		Pass
				10	-0.27	-0.000145		Pass
				20	0.27	0.000145		Pass
				30	0.89	0.000472		Pass
				40	0.43	0.000228		Pass
				50	0.47	0.000251		Pass
		High CH	LV	25	-0.20	-0.000105	+/- 2.5	Pass
			NV		0.30	0.000158		Pass
			HV		-0.46	-0.000241		Pass
			NV	-30	-1.16	-0.000610		Pass
				-20	0.44	0.000233		Pass
				-10	0.51	0.000271		Pass
				0	-0.10	-0.000053		Pass
				10	0.29	0.000151		Pass
				20	-1.44	-0.000760		Pass
				30	0.83	0.000437		Pass
				40	-0.21	-0.000113		Pass
				50	0.14	0.000075		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND II (16QAM)	1.4	Low CH	LV	25	-0.04	-0.000023	+/- 2.5	Pass
			NV		1.33	0.000719		Pass
			HV		-0.04	-0.000023		Pass
			NV	-30	-0.96	-0.000518		Pass
				-20	-1.69	-0.000912		Pass
				-10	-1.13	-0.000611		Pass
				0	-0.36	-0.000193		Pass
				10	0.03	0.000015		Pass
				20	-0.80	-0.000433		Pass
				30	-0.04	-0.000023		Pass
				40	-0.86	-0.000464		Pass
				50	-0.41	-0.000224		Pass
		Middle CH	LV	25	-0.53	-0.000282	+/- 2.5	Pass
			NV		1.49	0.000791		Pass
			HV		0.17	0.000091		Pass
			NV	-30	0.49	0.000259		Pass
				-20	0.23	0.000122		Pass
				-10	-0.79	-0.000419		Pass
				0	0.19	0.000099		Pass
				10	-1.13	-0.000601		Pass
				20	-1.39	-0.000738		Pass
				30	0.21	0.000114		Pass
				40	0.26	0.000137		Pass
				50	0.10	0.000053		Pass
		High CH	LV	25	-2.07	-0.001086	+/- 2.5	Pass
			NV		-2.83	-0.001483		Pass
			HV		0.66	0.000345		Pass
			NV	-30	1.63	0.000854		Pass
				-20	-2.09	-0.001094		Pass
				-10	-2.88	-0.001506		Pass
				0	-2.60	-0.001364		Pass
				10	-4.19	-0.002195		Pass
				20	-3.89	-0.002038		Pass
				30	-4.09	-0.002143		Pass
				40	-4.86	-0.002547		Pass
				50	-3.22	-0.001686		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND II (16QAM)	3.0	Low CH	LV	25	-0.76	-0.000409	+/- 2.5	Pass
			NV		1.27	0.000688		Pass
			HV		2.66	0.001437		Pass
			NV	-30	3.62	0.001955		Pass
				-20	3.86	0.002086		Pass
				-10	2.70	0.001460		Pass
				0	2.78	0.001499		Pass
				10	2.40	0.001298		Pass
				20	-1.19	-0.000641		Pass
				30	-1.22	-0.000657		Pass
				40	1.13	0.000610		Pass
				50	0.86	0.000464		Pass
		Middle CH	LV	25	-2.19	-0.001164	+/- 2.5	Pass
			NV		-2.62	-0.001392		Pass
			HV		2.43	0.001294		Pass
			NV	-30	1.52	0.000807		Pass
				-20	-2.95	-0.001567		Pass
				-10	-2.76	-0.001469		Pass
				0	-1.63	-0.000867		Pass
				10	-1.76	-0.000936		Pass
				20	-2.25	-0.001195		Pass
				30	-2.72	-0.001446		Pass
				40	-4.01	-0.002131		Pass
				50	-2.72	-0.001446		Pass
		High CH	LV	25	-0.50	-0.000262	+/- 2.5	Pass
			NV		-1.63	-0.000854		Pass
			HV		-1.19	-0.000622		Pass
			NV	-30	-1.96	-0.001027		Pass
				-20	-1.56	-0.000817		Pass
				-10	-2.03	-0.001064		Pass
				0	-2.37	-0.001244		Pass
				10	2.02	0.001057		Pass
				20	3.30	0.001731		Pass
				30	2.95	0.001544		Pass
				40	1.99	0.001042		Pass
				50	2.85	0.001492		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND II (16QAM)	5.0	Low CH	LV	25	2.15	0.001158	+/- 2.5	Pass
			NV		-4.31	-0.002324		Pass
			HV		-0.14	-0.000077		Pass
			NV	-30	-0.11	-0.000062		Pass
				-20	-1.69	-0.000911		Pass
				-10	0.82	0.000440		Pass
				0	-0.92	-0.000494		Pass
				10	0.13	0.000069		Pass
				20	-1.19	-0.000641		Pass
				30	-1.50	-0.000811		Pass
				40	1.92	0.001035		Pass
				50	-1.77	-0.000958		Pass
		Middle CH	LV	25	-1.06	-0.000563	+/- 2.5	Pass
			NV		-1.87	-0.000997		Pass
			HV		0.93	0.000495		Pass
			NV	-30	-1.26	-0.000670		Pass
				-20	2.26	0.001202		Pass
				-10	-1.77	-0.000944		Pass
				0	0.21	0.000114		Pass
				10	1.86	0.000989		Pass
				20	2.82	0.001499		Pass
				30	1.99	0.001058		Pass
				40	2.25	0.001195		Pass
				50	0.96	0.000510		Pass
		High CH	LV	25	0.01	0.000007	+/- 2.5	Pass
			NV		-0.87	-0.000457		Pass
			HV		-1.99	-0.001042		Pass
			NV	-30	-0.53	-0.000277		Pass
				-20	2.89	0.001515		Pass
				-10	3.10	0.001627		Pass
				0	-0.83	-0.000435		Pass
				10	-2.40	-0.001260		Pass
				20	-1.90	-0.000997		Pass
				30	1.09	0.000570		Pass
				40	3.46	0.001815		Pass
				50	3.19	0.001672		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND II (16QAM)	10.0	Low CH	LV	25	-2.10	-0.001134	+/- 2.5	Pass
			NV		-1.16	-0.000625		Pass
			HV		-0.93	-0.000501		Pass
			NV	-30	0.33	0.000177		Pass
				-20	-1.04	-0.000563		Pass
				-10	-0.84	-0.000455		Pass
				0	0.39	0.000208		Pass
				10	-0.90	-0.000486		Pass
				20	-1.14	-0.000617		Pass
				30	-0.40	-0.000216		Pass
				40	-0.43	-0.000231		Pass
				50	-1.10	-0.000594		Pass
		Middle CH	LV	25	-0.57	-0.000304	+/- 2.5	Pass
			NV		-1.12	-0.000594		Pass
			HV		-0.33	-0.000175		Pass
			NV	-30	-0.07	-0.000038		Pass
				-20	-0.54	-0.000289		Pass
				-10	-0.86	-0.000457		Pass
				0	-0.53	-0.000282		Pass
				10	1.57	0.000837		Pass
				20	0.93	0.000495		Pass
				30	0.76	0.000403		Pass
				40	0.19	0.000099		Pass
				50	-0.97	-0.000517		Pass
		High CH	LV	25	-0.84	-0.000443	+/- 2.5	Pass
			NV		0.06	0.000030		Pass
			HV		-0.39	-0.000203		Pass
			NV	-30	0.14	0.000075		Pass
				-20	-0.86	-0.000451		Pass
				-10	-1.02	-0.000533		Pass
				0	-0.17	-0.000090		Pass
				10	-0.16	-0.000083		Pass
				20	-0.47	-0.000248		Pass
				30	-1.27	-0.000668		Pass
				40	0.44	0.000233		Pass
				50	-0.76	-0.000398		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND II (16QAM)	15.0	Low CH	LV	25	3.15	0.001694	+/- 2.5	Pass
			NV		2.88	0.001548		Pass
			HV		3.42	0.001841		Pass
			NV	-30	2.72	0.001463		Pass
				-20	1.82	0.000978		Pass
				-10	2.30	0.001240		Pass
				0	2.90	0.001563		Pass
				10	3.23	0.001740		Pass
				20	2.33	0.001255		Pass
				30	1.82	0.000978		Pass
				40	1.87	0.001009		Pass
				50	1.95	0.001047		Pass
		Middle CH	LV	25	0.54	0.000289	+/- 2.5	Pass
			NV		-1.39	-0.000738		Pass
			HV		-0.33	-0.000175		Pass
			NV	-30	-1.53	-0.000814		Pass
				-20	-0.53	-0.000282		Pass
				-10	-0.30	-0.000160		Pass
				0	-1.06	-0.000563		Pass
				10	1.24	0.000662		Pass
				20	-0.86	-0.000457		Pass
				30	-0.03	-0.000015		Pass
				40	-0.07	-0.000038		Pass
				50	0.72	0.000380		Pass
		High CH	LV	25	-1.32	-0.000692	+/- 2.5	Pass
			NV		0.54	0.000286		Pass
			HV		-0.10	-0.000053		Pass
			NV	-30	-1.52	-0.000797		Pass
				-20	-0.46	-0.000241		Pass
				-10	-1.00	-0.000526		Pass
				0	-0.67	-0.000353		Pass
				10	-0.77	-0.000406		Pass
				20	-1.27	-0.000669		Pass
				30	-0.93	-0.000489		Pass
				40	-1.02	-0.000534		Pass
				50	0.19	0.000098		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND II (16QAM)	20.0	Low CH	LV	25	-0.31	-0.000169	+/- 2.5	Pass
			NV		0.23	0.000123		Pass
			HV		0.47	0.000254		Pass
			NV	-30	0.04	0.000023		Pass
				-20	-1.36	-0.000731		Pass
				-10	-0.47	-0.000254		Pass
				0	-1.26	-0.000677		Pass
				10	0.03	0.000015		Pass
				20	0.50	0.000269		Pass
				30	-0.54	-0.000292		Pass
				40	-0.44	-0.000238		Pass
				50	0.83	0.000446		Pass
		Middle CH	LV	25	0.23	0.000122	+/- 2.5	Pass
			NV		-1.04	-0.000555		Pass
			HV		-0.76	-0.000403		Pass
			NV	-30	0.04	0.000023		Pass
				-20	0.00	0.000000		Pass
				-10	1.33	0.000708		Pass
				0	-0.17	-0.000091		Pass
				10	0.33	0.000175		Pass
				20	-0.97	-0.000517		Pass
				30	-0.30	-0.000160		Pass
				40	0.04	0.000023		Pass
				50	-0.60	-0.000320		Pass
		High CH	LV	25	0.21	0.000113	+/- 2.5	Pass
			NV		0.50	0.000264		Pass
			HV		-0.49	-0.000256		Pass
			NV	-30	-0.36	-0.000188		Pass
				-20	1.04	0.000550		Pass
				-10	-0.62	-0.000324		Pass
				0	0.92	0.000482		Pass
				10	0.04	0.000023		Pass
				20	0.27	0.000143		Pass
				30	-0.69	-0.000361		Pass
				40	0.06	0.000030		Pass
				50	-0.89	-0.000467		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND IV (QPSK)	1.4	Low CH	LV	25	1.53	0.000895	+/- 2.5	Pass
			NV		1.39	0.000811		Pass
			HV		2.55	0.001488		Pass
			NV	-30	1.72	0.001003		Pass
				-20	1.24	0.000728		Pass
				-10	-1.56	-0.000911		Pass
				0	-1.27	-0.000744		Pass
				10	1.72	0.001003		Pass
				20	3.15	0.001840		Pass
				30	3.15	0.001840		Pass
				40	-1.17	-0.000686		Pass
				50	-0.63	-0.000368		Pass
		Middle CH	LV	25	-0.23	-0.000132	+/- 2.5	Pass
			NV		-3.20	-0.001850		Pass
			HV		-2.86	-0.001651		Pass
			NV	-30	-1.62	-0.000933		Pass
				-20	-1.14	-0.000661		Pass
				-10	2.65	0.001528		Pass
				0	-0.90	-0.000520		Pass
				10	-0.21	-0.000124		Pass
				20	0.21	0.000124		Pass
				30	-1.13	-0.000652		Pass
				40	-0.24	-0.000140		Pass
				50	-0.43	-0.000248		Pass
		High CH	LV	25	1.09	0.000620	+/- 2.5	Pass
			NV		0.27	0.000155		Pass
			HV		2.15	0.001223		Pass
			NV	-30	0.82	0.000465		Pass
				-20	2.39	0.001362		Pass
				-10	1.00	0.000571		Pass
				0	0.80	0.000457		Pass
				10	1.42	0.000807		Pass
				20	0.87	0.000497		Pass
				30	1.02	0.000579		Pass
				40	-2.85	-0.001623		Pass
				50	-1.87	-0.001068		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND IV (QPSK)	3.0	Low CH	LV	25	1.17	0.000685	+/- 2.5	Pass
			NV		0.13	0.000075		Pass
			HV		3.16	0.001847		Pass
			NV	-30	-1.93	-0.001128		Pass
				-20	-1.29	-0.000752		Pass
				-10	-1.75	-0.001020		Pass
				0	-1.86	-0.001087		Pass
				10	2.66	0.001555		Pass
				20	3.56	0.002081		Pass
				30	-0.60	-0.000351		Pass
				40	3.39	0.001981		Pass
				50	2.60	0.001521		Pass
		Middle CH	LV	25	-2.00	-0.001156	+/- 2.5	Pass
			NV		0.00	0.000000		Pass
			HV		1.86	0.001073		Pass
			NV	-30	-2.69	-0.001552		Pass
				-20	-3.53	-0.002039		Pass
				-10	1.13	0.000652		Pass
				0	0.23	0.000132		Pass
				10	-1.02	-0.000586		Pass
				20	2.60	0.001503		Pass
				30	-2.17	-0.001255		Pass
				40	-2.13	-0.001230		Pass
				50	2.68	0.001544		Pass
		High CH	LV	25	-0.30	-0.000171	+/- 2.5	Pass
			NV		2.40	0.001371		Pass
			HV		0.96	0.000547		Pass
			NV	-30	0.14	0.000082		Pass
				-20	-0.17	-0.000098		Pass
				-10	-0.57	-0.000326		Pass
				0	-0.07	-0.000041		Pass
				10	1.73	0.000987		Pass
				20	1.63	0.000930		Pass
				30	2.72	0.001550		Pass
				40	-2.22	-0.001264		Pass
				50	-1.79	-0.001020		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND IV (QPSK)	5.0	Low CH	LV	25	2.42	0.001412	+/- 2.5	Pass
			NV		-0.66	-0.000384		Pass
			HV		-1.90	-0.001111		Pass
			NV	-30	0.41	0.000242		Pass
				-20	0.94	0.000551		Pass
				-10	0.01	0.000008		Pass
				0	-0.14	-0.000084		Pass
				10	-0.07	-0.000042		Pass
				20	-1.22	-0.000710		Pass
				30	0.72	0.000418		Pass
				40	0.77	0.000451		Pass
				50	2.53	0.001479		Pass
		Middle CH	LV	25	-1.06	-0.000611	+/- 2.5	Pass
			NV		-1.75	-0.001007		Pass
			HV		-0.13	-0.000074		Pass
			NV	-30	-0.49	-0.000281		Pass
				-20	-1.07	-0.000619		Pass
				-10	1.97	0.001139		Pass
				0	-1.66	-0.000958		Pass
				10	-1.63	-0.000941		Pass
				20	-2.02	-0.001164		Pass
				30	1.10	0.000636		Pass
				40	-0.27	-0.000157		Pass
				50	1.19	0.000685		Pass
		High CH	LV	25	0.79	0.000449	+/- 2.5	Pass
			NV		0.80	0.000457		Pass
			HV		-0.90	-0.000514		Pass
			NV	-30	-0.99	-0.000563		Pass
				-20	-1.32	-0.000751		Pass
				-10	4.09	0.002335		Pass
				0	-0.70	-0.000400		Pass
				10	2.46	0.001404		Pass
				20	-1.10	-0.000629		Pass
				30	-1.23	-0.000702		Pass
				40	-0.69	-0.000392		Pass
				50	4.68	0.002669		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND IV (QPSK)	10.0	Low CH	LV	25	0.41	0.000242	+/- 2.5	Pass
			NV		0.36	0.000209		Pass
			HV		0.53	0.000309		Pass
			NV	-30	-0.31	-0.000184		Pass
				-20	0.66	0.000384		Pass
				-10	-0.93	-0.000542		Pass
				0	1.63	0.000951		Pass
				10	0.93	0.000542		Pass
				20	-0.24	-0.000142		Pass
				30	-0.56	-0.000325		Pass
				40	0.39	0.000225		Pass
				50	-0.64	-0.000375		Pass
		Middle CH	LV	25	-0.87	-0.000504	+/- 2.5	Pass
			NV		-0.60	-0.000347		Pass
			HV		1.06	0.000611		Pass
			NV	-30	0.37	0.000215		Pass
				-20	0.57	0.000330		Pass
				-10	-0.39	-0.000223		Pass
				0	0.10	0.000058		Pass
				10	0.17	0.000099		Pass
				20	0.21	0.000124		Pass
				30	-0.30	-0.000173		Pass
				40	1.19	0.000685		Pass
				50	0.20	0.000116		Pass
		High CH	LV	25	0.23	0.000131	+/- 2.5	Pass
			NV		0.23	0.000131		Pass
			HV		0.86	0.000490		Pass
			NV	-30	0.14	0.000082		Pass
				-20	-0.11	-0.000065		Pass
				-10	-0.09	-0.000049		Pass
				0	0.27	0.000155		Pass
				10	-0.51	-0.000294		Pass
				20	-0.09	-0.000049		Pass
				30	-0.07	-0.000041		Pass
				40	0.31	0.000180		Pass
				50	0.31	0.000180		Pass

LV=3.25V, NV=3.80V, HV=4.35V

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND IV (QPSK)	15.0	Low CH	LV	25	1.83	0.001066	+/- 2.5	Pass
			NV		-0.34	-0.000200		Pass
			HV		-0.33	-0.000192		Pass
			NV	-30	0.13	0.000075		Pass
				-20	0.39	0.000225		Pass
				-10	0.43	0.000250		Pass
				0	0.16	0.000092		Pass
				10	0.00	0.000000		Pass
				20	0.80	0.000466		Pass
				30	0.40	0.000233		Pass
				40	-0.29	-0.000167		Pass
				50	0.53	0.000308		Pass
		Middle CH	LV	25	0.10	0.000058	+/- 2.5	Pass
			NV		0.33	0.000190		Pass
			HV		-0.13	-0.000074		Pass
			NV	-30	0.09	0.000050		Pass
				-20	0.76	0.000438		Pass
				-10	-0.69	-0.000396		Pass
				0	-0.70	-0.000405		Pass
				10	-0.50	-0.000289		Pass
				20	0.27	0.000157		Pass
				30	0.33	0.000190		Pass
				40	0.50	0.000289		Pass
				50	0.41	0.000239		Pass
		High CH	LV	25	0.64	0.000368	+/- 2.5	Pass
			NV		0.92	0.000524		Pass
			HV		0.16	0.000090		Pass
			NV	-30	0.62	0.000352		Pass
				-20	-0.80	-0.000458		Pass
				-10	1.06	0.000606		Pass
				0	0.70	0.000401		Pass
				10	0.11	0.000065		Pass
				20	1.00	0.000573		Pass
				30	1.13	0.000647		Pass
				40	-0.40	-0.000229		Pass
				50	0.72	0.000409		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND IV (QPSK)	20.0	Low CH	LV	25	1.14	0.000665	+/- 2.5	Pass
			NV		0.29	0.000166		Pass
			HV		1.44	0.000840		Pass
			NV	-30	0.34	0.000200		Pass
				-20	0.00	0.000000		Pass
				-10	0.84	0.000491		Pass
				0	0.72	0.000416		Pass
				10	-0.21	-0.000125		Pass
				20	0.30	0.000175		Pass
				30	1.34	0.000782		Pass
				40	0.47	0.000274		Pass
				50	0.37	0.000216		Pass
		Middle CH	LV	25	-0.23	-0.000132	+/- 2.5	Pass
			NV		1.10	0.000636		Pass
			HV		-0.49	-0.000281		Pass
			NV	-30	0.14	0.000083		Pass
				-20	0.69	0.000396		Pass
				-10	1.00	0.000578		Pass
				0	1.65	0.000950		Pass
				10	0.30	0.000173		Pass
				20	0.92	0.000528		Pass
				30	0.17	0.000099		Pass
				40	-0.07	-0.000041		Pass
				50	0.21	0.000124		Pass
		High CH	LV	25	-0.30	-0.000172	+/- 2.5	Pass
			NV		1.77	0.001017		Pass
			HV		1.14	0.000656		Pass
			NV	-30	0.80	0.000459		Pass
				-20	0.86	0.000492		Pass
				-10	0.14	0.000082		Pass
				0	0.19	0.000107		Pass
				10	-0.67	-0.000385		Pass
				20	-0.44	-0.000254		Pass
				30	-0.11	-0.000066		Pass
				40	-0.40	-0.000230		Pass
				50	-0.13	-0.000074		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND IV (16QAM)	1.4	Low CH	LV	25	1.83	0.001070	+/- 2.5	Pass
			NV		0.62	0.000360		Pass
			HV		0.13	0.000075		Pass
			NV	-30	-2.16	-0.001263		Pass
				-20	-1.77	-0.001037		Pass
				-10	-1.33	-0.000778		Pass
				0	-0.07	-0.000042		Pass
				10	0.04	0.000025		Pass
				20	0.99	0.000577		Pass
				30	1.63	0.000953		Pass
				40	1.66	0.000970		Pass
				50	-0.36	-0.000209		Pass
		Middle CH	LV	25	-1.56	-0.000900	+/- 2.5	Pass
			NV		-1.06	-0.000611		Pass
			HV		-1.70	-0.000983		Pass
			NV	-30	1.40	0.000809		Pass
				-20	2.89	0.001668		Pass
				-10	-0.83	-0.000479		Pass
				0	-2.59	-0.001495		Pass
				10	3.20	0.001850		Pass
				20	3.03	0.001750		Pass
				30	2.55	0.001470		Pass
				40	1.83	0.001057		Pass
				50	2.12	0.001222		Pass
		High CH	LV	25	-0.80	-0.000457	+/- 2.5	Pass
			NV		-1.87	-0.001068		Pass
			HV		0.11	0.000065		Pass
			NV	-30	-0.16	-0.000090		Pass
				-20	0.83	0.000473		Pass
				-10	1.46	0.000832		Pass
				0	1.79	0.001019		Pass
				10	1.60	0.000913		Pass
				20	3.28	0.001867		Pass
				30	1.09	0.000620		Pass
				40	2.07	0.001182		Pass
				50	1.52	0.000864		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND IV (16QAM)	3.0	Low CH	LV	25	1.17	0.000685	+/- 2.5	Pass
			NV		0.13	0.000075		Pass
			HV		3.16	0.001847		Pass
			NV	-30	-0.44	-0.000259		Pass
				-20	0.84	0.000493		Pass
				-10	1.19	0.000694		Pass
				0	-2.70	-0.001580		Pass
				10	0.80	0.000468		Pass
				20	1.75	0.001020		Pass
				30	-2.32	-0.001354		Pass
				40	-1.34	-0.000786		Pass
				50	-0.11	-0.000067		Pass
		Middle CH	LV	25	-2.00	-0.001156	+/- 2.5	Pass
			NV		0.00	0.000000		Pass
			HV		1.86	0.001073		Pass
			NV	-30	-1.86	-0.001073		Pass
				-20	-1.92	-0.001106		Pass
				-10	1.93	0.001115		Pass
				0	2.53	0.001461		Pass
				10	2.19	0.001263		Pass
				20	1.24	0.000718		Pass
				30	1.73	0.000999		Pass
				40	1.73	0.000999		Pass
				50	1.30	0.000751		Pass
		High CH	LV	25	-0.30	-0.000171	+/- 2.5	Pass
			NV		2.40	0.001371		Pass
			HV		0.96	0.000547		Pass
			NV	-30	1.57	0.000897		Pass
				-20	-2.53	-0.001444		Pass
				-10	3.15	0.001795		Pass
				0	3.75	0.002137		Pass
				10	-0.31	-0.000179		Pass
				20	-2.10	-0.001199		Pass
				30	-2.09	-0.001191		Pass
				40	2.60	0.001485		Pass
				50	2.90	0.001656		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND IV (16QAM)	5.0	Low CH	LV	25	0.50	0.000292	+/- 2.5	Pass
			NV		-1.99	-0.001161		Pass
			HV		-1.37	-0.000802		Pass
			NV	-30	-1.02	-0.000593		Pass
				-20	1.22	0.000710		Pass
				-10	0.94	0.000551		Pass
				0	0.57	0.000334		Pass
				10	2.29	0.001337		Pass
				20	0.39	0.000226		Pass
				30	-0.84	-0.000493		Pass
				40	0.59	0.000342		Pass
				50	-0.09	-0.000050		Pass
		Middle CH	LV	25	-2.22	-0.001280	+/- 2.5	Pass
			NV		2.69	0.001552		Pass
			HV		0.39	0.000223		Pass
			NV	-30	-2.49	-0.001437		Pass
				-20	-1.33	-0.000768		Pass
				-10	0.99	0.000570		Pass
				0	-1.87	-0.001082		Pass
				10	-1.36	-0.000784		Pass
				20	-1.57	-0.000908		Pass
				30	-1.50	-0.000867		Pass
				40	-2.70	-0.001561		Pass
				50	2.35	0.001354		Pass
		High CH	LV	25	1.93	0.001102	+/- 2.5	Pass
			NV		-0.89	-0.000506		Pass
			HV		0.62	0.000351		Pass
			NV	-30	0.60	0.000343		Pass
				-20	2.03	0.001159		Pass
				-10	-2.10	-0.001200		Pass
				0	0.67	0.000384		Pass
				10	2.65	0.001510		Pass
				20	4.02	0.002294		Pass
				30	4.16	0.002375		Pass
				40	0.20	0.000114		Pass
				50	0.70	0.000400		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND IV (16QAM)	10.0	Low CH	LV	25	-0.03	-0.000017	+/- 2.5	Pass
			NV		0.39	0.000225		Pass
			HV		0.20	0.000117		Pass
			NV	-30	0.00	0.000000		Pass
				-20	0.10	0.000058		Pass
				-10	0.69	0.000400		Pass
				0	0.24	0.000142		Pass
				10	0.51	0.000300		Pass
				20	0.74	0.000434		Pass
				30	0.01	0.000008		Pass
				40	0.14	0.000083		Pass
				50	-0.09	-0.000050		Pass
		Middle CH	LV	25	-0.26	-0.000149	+/- 2.5	Pass
			NV		-0.89	-0.000512		Pass
			HV		-0.33	-0.000190		Pass
			NV	-30	-0.76	-0.000438		Pass
				-20	-0.82	-0.000471		Pass
				-10	-0.90	-0.000520		Pass
				0	0.33	0.000190		Pass
				10	0.34	0.000198		Pass
				20	-1.46	-0.000842		Pass
				30	-0.27	-0.000157		Pass
				40	0.21	0.000124		Pass
				50	0.10	0.000058		Pass
		High CH	LV	25	1.59	0.000907	+/- 2.5	Pass
			NV		-0.40	-0.000229		Pass
			HV		0.86	0.000490		Pass
			NV	-30	-0.04	-0.000025		Pass
				-20	0.60	0.000343		Pass
				-10	0.00	0.000000		Pass
				0	-0.20	-0.000114		Pass
				10	1.07	0.000613		Pass
				20	0.44	0.000253		Pass
				30	0.69	0.000392		Pass
				40	-0.37	-0.000213		Pass
				50	0.62	0.000351		Pass

LV=3.25V, NV=3.80V, HV=4.35V

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND IV (16QAM)	15.0	Low CH	LV	25	1.10	0.000641	+/- 2.5	Pass
			NV		0.84	0.000491		Pass
			HV		0.41	0.000242		Pass
			NV	-30	0.96	0.000558		Pass
				-20	0.40	0.000233		Pass
				-10	0.34	0.000200		Pass
				0	0.33	0.000192		Pass
				10	0.69	0.000400		Pass
				20	0.51	0.000300		Pass
				30	-0.33	-0.000192		Pass
				40	0.46	0.000267		Pass
				50	0.69	0.000400		Pass
		Middle CH	LV	25	0.92	0.000528	+/- 2.5	Pass
			NV		1.30	0.000751		Pass
			HV		0.57	0.000330		Pass
			NV	-30	0.19	0.000107		Pass
				-20	0.60	0.000347		Pass
				-10	0.31	0.000182		Pass
				0	-0.31	-0.000182		Pass
				10	0.59	0.000339		Pass
				20	0.03	0.000017		Pass
				30	0.07	0.000041		Pass
				40	0.67	0.000388		Pass
				50	0.36	0.000206		Pass
		High CH	LV	25	0.07	0.000041	+/- 2.5	Pass
			NV		-0.73	-0.000417		Pass
			HV		0.33	0.000188		Pass
			NV	-30	0.99	0.000565		Pass
				-20	0.62	0.000352		Pass
				-10	-0.63	-0.000360		Pass
				0	-0.16	-0.000090		Pass
				10	0.19	0.000106		Pass
				20	-0.06	-0.000033		Pass
				30	0.56	0.000319		Pass
				40	-1.33	-0.000761		Pass
				50	0.07	0.000041		Pass
LV=3.25V, NV=3.80V, HV=4.35V								

Mode	Test Bandwidth	Test Channel	Test Volt.	Test Temp.	Frequency error (Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE BAND IV (16QAM)	20.0	Low CH	LV	25	1.32	0.000765	+/- 2.5	Pass
			NV		0.66	0.000383		Pass
			HV		-0.21	-0.000125		Pass
			NV	-30	0.86	0.000499		Pass
				-20	1.76	0.001023		Pass
				-10	0.56	0.000324		Pass
				0	0.37	0.000216		Pass
				10	0.63	0.000366		Pass
				20	0.82	0.000474		Pass
				30	-0.04	-0.000025		Pass
				40	-0.14	-0.000083		Pass
				50	0.56	0.000324		Pass
		Middle CH	LV	25	0.34	0.000198	+/- 2.5	Pass
			NV		-0.19	-0.000107		Pass
			HV		-0.07	-0.000041		Pass
			NV	-30	-0.56	-0.000322		Pass
				-20	0.00	0.000000		Pass
				-10	-0.17	-0.000099		Pass
				0	0.49	0.000281		Pass
				10	-0.10	-0.000058		Pass
				20	-0.17	-0.000099		Pass
				30	-0.31	-0.000182		Pass
				40	0.07	0.000041		Pass
				50	1.37	0.000793		Pass
		High CH	LV	25	0.24	0.000139	+/- 2.5	Pass
			NV		0.36	0.000205		Pass
			HV		-0.31	-0.000180		Pass
			NV	-30	1.07	0.000615		Pass
				-20	0.60	0.000344		Pass
				-10	0.93	0.000533		Pass
				0	0.21	0.000123		Pass
				10	0.17	0.000098		Pass
				20	-0.24	-0.000139		Pass
				30	0.72	0.000410		Pass
				40	-0.64	-0.000369		Pass
				50	-0.16	-0.000090		Pass
LV=3.25V, NV=3.80V, HV=4.35V								