

Frequency Stability

GSM

GSM 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-20	-7.3	±2060.5	-9.81	±2091.5	-9.85	±2122	Pass
	-10	-5.71		-12.33		-8.85		
	0	-10.36		-11.17		-11.66		
	+10	-11.04		-12.95		-10.75		
	+20	-9.72		-10.43		-7.14		
	+25	-10.82		-10.62		-10.14		
	+30	-10.94		-15.63		-9.01		
	+40	-9.04		-9.62		-9.56		
	+50	-6.49		-11.72		-10.82		
4.4	+25	-14.27		-8.43		-11.56		
3.45	+25	-12.72		-11.07		-10.82		

GSM 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-20	-17.72	±4625.5	-21.11	±4700.0	-17.24	±4774.5	Pass
	-10	-15.59		-12.07		-17.85		
	0	-19.63		-12.69		-15.5		
	+10	-21.28		-14.79		-10.65		
	+20	-11.72		-14.04		-5.33		
	+25	-21.28		-19.11		-16.53		
	+30	-11.3		-11.82		-16.14		
	+40	-16.98		-20.76		-12.27		
	+50	-16.21		-19.86		-17.69		
4.4	+25	-14.4		-12.69		-18.98		
3.45	+25	-9.52		-15.53		-13.59		

GPRS

GPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-20	-9.43	±2060.5	-11.43	±2091.5	-9.94	±2122	Pass
	-10	-8.2		-11.53		-10.85		
	0	-10.72		-6.88		-12.14		
	+10	-11.82		-11.04		-7.43		
	+20	-9.36		-11.2		-12.66		
	+25	-10.43		-12.4		-9.69		
	+30	-12.3		-11.98		-10.53		
	+40	-14.24		-8.85		-12.01		
	+50	-9.3		-11.01		-8.62		
4.4	+25	-10.46		-9.33		-9.56		
3.45	+25	-9.36		-9.52		-10.01		

GPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-20	-19.24	±4625.5	-19.73	±4700.0	-11.14	±4774.5	Pass
	-10	-19.18		-18.56		-16.05		
	0	-14.85		-15.66		-15.63		
	+10	-18.5		-17.43		-15.4		
	+20	-10.69		-18.53		-15.21		
	+25	-16.14		-17.79		-15.43		
	+30	-13.56		-14.11		-15.24		
	+40	-15.79		-13.37		-14.72		
	+50	-17.14		-16.21		-14.66		
4.4	+25	-15.43		-14.24		-15.05		
3.45	+25	-14.5		-13.72		-13.14		

EGPRS

EGPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-20	-30.15	±2060.5	-29.9	±2091.5	-25.96	±2122	Pass
	-10	-28.7		-38.81		-26.93		
	0	-31.7		-29.15		-27.51		
	+10	-26.8		-26.93		-21.08		
	+20	-24.57		-33.51		-27.93		
	+25	-28.02		-23.54		-25.83		
	+30	-27.57		-23.79		-24.12		
	+40	-29.44		-23.96		-29.8		
	+50	-24.92		-24.28		-23.96		
4.4	+25	-22.44		-26.99		-22.92		
3.45	+25	-22.24		-24.05		-30.67		

EGPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-20	-33.96	±4625.5	-31.7	±4700.0	-33	±4774.5	Pass
	-10	-32.12		-32.32		-29.67		
	0	-28.22		-32.16		-28.06		
	+10	-28.99		-30.06		-26.41		
	+20	-32.51		-35.81		-33.9		
	+25	-32.03		-34.71		-32.51		
	+30	-35.61		-35.45		-28.73		
	+40	-34.58		-36.1		-35.81		
	+50	-35.74		-38.58		-33.29		
4.4	+25	-31.67		-30.51		-28.15		
3.45	+25	-37.48		-38.19		-31.77		

WCDMA

WCDMA Band 2

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1852.4 MHz		MCH 1880 MHz		HCH 1907.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-20	-5.26	±4631	-2.41	±4700	-0.51	±4769	Pass
	-10	-2.67		3.76		-2.96		
	0	-2.1		-2.55		3.38		
	+10	-3.1		-4.8		-0.79		
	+20	2.07		0.39		0.43		
	+25	1.19		-5.66		-2.06		
	+30	-2.68		-2.13		-0.79		
	+40	3.82		-5.01		-0.5		
	+50	-3.54		-3.84		1.36		
4.4	+25	-2.64	-2.57	-0.38				
3.45	+25	1.06	1.37	-1.69				

WCDMA Band 4

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1712.4 MHz		MCH 1732.4 MHz		HCH 1752.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-20	1.49	±4281	-3.15	±4331	-6.14	±4381.5	Pass
	-10	1.62		-3.51		-4.26		
	0	-5.77		-1.4		-2.69		
	+10	-0.77		0.67		-3.24		
	+20	-1.83		-5.11		-3.6		
	+25	-0.44		0.58		-7.95		
	+30	1.11		-5.95		-2.62		
	+40	-5.04		-1.37		-4.03		
	+50	-0.09		-3.5		-4.06		
4.4	+25	1.36	-5.88	-3.88				
3.45	+25	-1.55	-1.17	-4.47				

WCDMA Band B5

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 826.4 MHz		MCH 836.4 MHz		HCH 846.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-20	0.14	±2066	-1.31	±2091	-4.73	±2116.5	Pass
	-10	-2.83		-0.7		-4.71		
	0	-1.69		-2.19		-0.69		
	+10	-2.93		-2.03		-3		
	+20	-4.48		-1.86		-0.64		
	+25	-2		-3.01		-2.56		
	+30	-2.88		-4.95		-4.12		
	+40	-3.43		-2.47		-1.14		
	+50	-3.28		-1		-4.51		
4.4	+25	-1.8		-1.55		-3.14		
3.45	+25	-2.12		-1.79		-1.42		

LTE

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-1.17	±4700	Pass
	-10	-3.28		
	0	-0.53		
	+10	-1.1		
	+20	1.83		
	+25	-5.02		
	+30	-2.62		
	+40	-7.84		
	+50	-5.65		
4.4	+25	-5.18	±4700	Pass
3.45	+25	-1.86		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-6.47	±4700	Pass
	-10	-7.47		
	0	-0.79		
	+10	-0.11		
	+20	-4.81		
	+25	1.79		
	+30	-4.94		
	+40	-9.36		
	+50	0.7		
4.4	+25	-2.4	±4700	Pass
3.45	+25	0.53		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-4.23	±4331.25	Pass
	-10	0.3		
	0	-1.4		
	+10	0.14		
	+20	-2.17		
	+25	4.61		
	+30	-1.44		
	+40	1.76		
	+50	-5.91		
4.4	+25	0.43	±4331.25	Pass
3.45	+25	0.86		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-2.16	±4331.25	Pass
	-10	-3.92		
	0	-2.66		
	+10	0.77		
	+20	-1.7		
	+25	-2.06		
	+30	6.32		
	+40	-3.96		
	+50	-5.42		
4.4	+25	-3.42	±4331.25	Pass
3.45	+25	-7.58		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	0.63	±2091.25	Pass
	-10	-3.55		
	0	-3.46		
	+10	-3.15		
	+20	-1.83		
	+25	-4.32		
	+30	-1.02		
	+40	-1.73		
	+50	-2.96		
4.4	+25	-1.23		
3.45	+25	-4.12		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-2.59	±2091.25	Pass
	-10	-0.21		
	0	-3.33		
	+10	-2.59		
	+20	-4.28		
	+25	-4.12		
	+30	-2.7		
	+40	-3.81		
	+50	-4.22		
4.4	+25	-2.4		
3.45	+25	-2.7		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	3.33	±6337.5	Pass
	-10	-11.7		
	0	-1.04		
	+10	-8.88		
	+20	-1.62		
	+25	-7.22		
	+30	-7.95		
	+40	-8.21		
	+50	-3.43		
4.4	+25	-4.46		
3.45	+25	-9.81		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-5.06	±6337.5	Pass
	-10	-0.13		
	0	-9.76		
	+10	-8.07		
	+20	-6.67		
	+25	1.37		
	+30	-4.28		
	+40	1.26		
	+50	-7.51		
4.4	+25	-10.57		
3.45	+25	-2.72		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-0.11	±1768.75	Pass
	-10	-4.06		
	0	-2.5		
	+10	-1.95		
	+20	-0.82		
	+25	-0.77		
	+30	-1.06		
	+40	-3.22		
	+50	-1.5		
4.4	+25	-1.07	±1768.75	Pass
3.45	+25	-4.38		

LTE Band 12 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-0.77	±1768.75	Pass
	-10	-4.52		
	0	-2.92		
	+10	-3.05		
	+20	-2.33		
	+25	-5.39		
	+30	-6.65		
	+40	-4.06		
	+50	-3.35		
4.4	+25	-1.57	±1768.75	Pass
3.45	+25	-1.66		

LTE Band 13 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-1.75	±1955	Pass
	-10	-3.5		
	0	-6.18		
	+10	-0.16		
	+20	-5.04		
	+25	-1.82		
	+30	-0.72		
	+40	-2.29		
	+50	-2.29		
4.4	+25	0.3	±1955	Pass
3.45	+25	-1.39		

LTE Band 13 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-1.99	±1955	Pass
	-10	-0.37		
	0	-5.31		
	+10	-2.42		
	+20	0.76		
	+25	-3.4		
	+30	-4.85		
	+40	-7.5		
	+50	-5.82		
4.4	+25	-0.63	±1955	Pass
3.45	+25	-4.78		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-2.02	±1775	Pass
	-10	-2.02		
	0	1.49		
	+10	-1.14		
	+20	-2.76		
	+25	-3.79		
	+30	-2.65		
	+40	-1.16		
	+50	-4.11		
4.4	+25	-3.63	±1775	Pass
3.45	+25	-4.81		

LTE Band 17 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-3.13	±1775	Pass
	-10	-2.95		
	0	-1.37		
	+10	-2.63		
	+20	-3.13		
	+25	1.17		
	+30	-1.43		
	+40	-2.2		
	+50	-0.89		
4.4	+25	-2.82	±1775	Pass
3.45	+25	-3.99		

LTE Band 26 (Part22) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-0.56	±2091.25	Pass
	-10	-0.62		
	0	-4.46		
	+10	-3.16		
	+20	-3.78		
	+25	-2.37		
	+30	-3.59		
	+40	-3.62		
	+50	-2.53		
4.4	+25	-4.72	±2091.25	Pass
3.45	+25	-4.15		

LTE Band 26 (Part22) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-4.15	±2091.25	Pass
	-10	-8.9		
	0	-3.88		
	+10	-1.8		
	+20	-5.46		
	+25	-2.62		
	+30	-3.65		
	+40	-4.63		
	+50	-0.41		
4.4	+25	-2.5	±2091.25	Pass
3.45	+25	-4.01		

LTE Band 26 (Part90) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-3.03	±2047.5	Pass
	-10	-3.3		
	0	-1.2		
	+10	-2.26		
	+20	-2.12		
	+25	-3.53		
	+30	-4.08		
	+40	-2.4		
	+50	-2.88		
4.4	+25	-1.77	±2047.5	Pass
3.45	+25	-1.17		

LTE Band 26 (Part90) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-0.83	±2047.5	Pass
	-10	-4.49		
	0	-4.31		
	+10	-4.31		
	+20	-4.89		
	+25	-4.59		
	+30	-3.55		
	+40	-1.72		
	+50	-3.75		
4.4	+25	-4.39	±2047.5	Pass
3.45	+25	-5.25		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	3.82	±6487.5	Pass
	-10	-6.94		
	0	-5.36		
	+10	-2.07		
	+20	-2.95		
	+25	-7.5		
	+30	-3.96		
	+40	-5.54		
	+50	-3.02		
4.4	+25	0.51		
3.45	+25	-7.75		

LTE Band 38 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-10.13	±6487.5	Pass
	-10	4.11		
	0	-1.26		
	+10	-10.6		
	+20	-3.29		
	+25	3.02		
	+30	-3.52		
	+40	-5.87		
	+50	3.19		
4.4	+25	-6.68		
3.45	+25	0.77		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-4.32	±6482.5	Pass
	-10	-5.02		
	0	-0.87		
	+10	-2.73		
	+20	-3.91		
	+25	-7.51		
	+30	-5.28		
	+40	-13.18		
	+50	-7.34		
4.4	+25	-5.59	±6482.5	Pass
3.45	+25	-2.4		

LTE Band 41 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-13.83	±6482.5	Pass
	-10	-2.57		
	0	-8.85		
	+10	-7.21		
	+20	-0.44		
	+25	-3.68		
	+30	-2.55		
	+40	-3.62		
	+50	-2.06		
4.4	+25	-8.33	±6482.5	Pass
3.45	+25	-2.68		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-2.16	±4362.5	Pass
	-10	1.23		
	0	4.08		
	+10	0.21		
	+20	4.76		
	+25	-0.97		
	+30	-0.92		
	+40	-1.39		
	+50	-1.2		
4.4	+25	-3.33	±4362.5	Pass
3.45	+25	-0.44		

LTE Band 66 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-20	-2.5	±4362.5	Pass
	-10	2.9		
	0	3.95		
	+10	-0.44		
	+20	0.36		
	+25	5.82		
	+30	4.23		
	+40	1.63		
	+50	-2.05		
4.4	+25	-0.64	±4362.5	Pass
3.45	+25	-3.5		

2. GSM_GSM850

2.1 GSM Frequency Stability_Part22-24(-20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-7.3	-2060.5	2060.5	Pass
190	5	Static	-9.81	-2091.5	2091.5	Pass
251	5	Static	-9.85	-2122	2122	Pass

2.2 GSM Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-5.71	-2060.5	2060.5	Pass
190	5	Static	-12.33	-2091.5	2091.5	Pass
251	5	Static	-8.85	-2122	2122	Pass

2.3 GSM Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-10.36	-2060.5	2060.5	Pass
190	5	Static	-11.17	-2091.5	2091.5	Pass
251	5	Static	-11.66	-2122	2122	Pass

2.4 GSM Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-11.04	-2060.5	2060.5	Pass
190	5	Static	-12.95	-2091.5	2091.5	Pass
251	5	Static	-10.75	-2122	2122	Pass

2.5 GSM Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-9.72	-2060.5	2060.5	Pass
190	5	Static	-10.43	-2091.5	2091.5	Pass
251	5	Static	-7.14	-2122	2122	Pass

2.6 GSM Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-10.82	-2060.5	2060.5	Pass
190	5	Static	-10.62	-2091.5	2091.5	Pass
251	5	Static	-10.14	-2122	2122	Pass

2.7 GSM Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-10.94	-2060.5	2060.5	Pass
190	5	Static	-15.63	-2091.5	2091.5	Pass
251	5	Static	-9.01	-2122	2122	Pass

2.8 GSM Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-9.04	-2060.5	2060.5	Pass
190	5	Static	-9.62	-2091.5	2091.5	Pass
251	5	Static	-9.56	-2122	2122	Pass

2.9 GSM Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-6.49	-2060.5	2060.5	Pass
190	5	Static	-11.72	-2091.5	2091.5	Pass
251	5	Static	-10.82	-2122	2122	Pass

2.10 GSM Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-14.27	-2060.5	2060.5	Pass
190	5	Static	-8.43	-2091.5	2091.5	Pass
251	5	Static	-11.56	-2122	2122	Pass

2.11 GSM Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-12.72	-2060.5	2060.5	Pass
190	5	Static	-11.07	-2091.5	2091.5	Pass
251	5	Static	-10.82	-2122	2122	Pass

1. GSM_PCS

1.1 GSM Frequency Stability_Part22-24(-20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-17.72	-4625.5	4625.5	Pass
661	0	Static	-21.11	-4700	4700	Pass
810	0	Static	-17.24	-4774.5	4774.5	Pass

1.2 GSM Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-15.59	-4625.5	4625.5	Pass
661	0	Static	-12.07	-4700	4700	Pass
810	0	Static	-17.85	-4774.5	4774.5	Pass

1.3 GSM Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-19.63	-4625.5	4625.5	Pass
661	0	Static	-12.69	-4700	4700	Pass
810	0	Static	-15.5	-4774.5	4774.5	Pass

1.4 GSM Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-21.28	-4625.5	4625.5	Pass
661	0	Static	-14.79	-4700	4700	Pass
810	0	Static	-10.65	-4774.5	4774.5	Pass

1.5 GSM Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-11.72	-4625.5	4625.5	Pass
661	0	Static	-14.04	-4700	4700	Pass
810	0	Static	-5.33	-4774.5	4774.5	Pass

1.6 GSM Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-21.28	-4625.5	4625.5	Pass
661	0	Static	-19.11	-4700	4700	Pass
810	0	Static	-16.53	-4774.5	4774.5	Pass

1.7 GSM Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-11.3	-4625.5	4625.5	Pass
661	0	Static	-11.82	-4700	4700	Pass
810	0	Static	-16.14	-4774.5	4774.5	Pass

1.8 GSM Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-16.98	-4625.5	4625.5	Pass
661	0	Static	-20.76	-4700	4700	Pass
810	0	Static	-12.27	-4774.5	4774.5	Pass

1.9 GSM Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-16.21	-4625.5	4625.5	Pass
661	0	Static	-19.86	-4700	4700	Pass
810	0	Static	-17.69	-4774.5	4774.5	Pass

1.10 GSM Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-14.4	-4625.5	4625.5	Pass
661	0	Static	-12.69	-4700	4700	Pass
810	0	Static	-18.98	-4774.5	4774.5	Pass

1.11 GSM Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-9.52	-4625.5	4625.5	Pass
661	0	Static	-15.53	-4700	4700	Pass
810	0	Static	-13.59	-4774.5	4774.5	Pass

2. GPRS_GSM850

2.1 GPRS Frequency Stability_Part22-24(-20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-9.43	-2060.5	2060.5	Pass
190	5	Static	-11.43	-2091.5	2091.5	Pass
251	5	Static	-9.94	-2122	2122	Pass

2.2 GPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-8.2	-2060.5	2060.5	Pass
190	5	Static	-11.53	-2091.5	2091.5	Pass
251	5	Static	-10.85	-2122	2122	Pass

2.3 GPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-10.72	-2060.5	2060.5	Pass
190	5	Static	-6.88	-2091.5	2091.5	Pass
251	5	Static	-12.14	-2122	2122	Pass

2.4 GPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-11.82	-2060.5	2060.5	Pass
190	5	Static	-11.04	-2091.5	2091.5	Pass
251	5	Static	-7.43	-2122	2122	Pass

2.5 GPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-9.36	-2060.5	2060.5	Pass
190	5	Static	-11.2	-2091.5	2091.5	Pass
251	5	Static	-12.66	-2122	2122	Pass

2.6 GPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-10.43	-2060.5	2060.5	Pass
190	5	Static	-12.4	-2091.5	2091.5	Pass
251	5	Static	-9.69	-2122	2122	Pass

2.7 GPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-12.3	-2060.5	2060.5	Pass
190	5	Static	-11.98	-2091.5	2091.5	Pass
251	5	Static	-10.53	-2122	2122	Pass

2.8 GPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-14.24	-2060.5	2060.5	Pass
190	5	Static	-8.85	-2091.5	2091.5	Pass
251	5	Static	-12.01	-2122	2122	Pass

2.9 GPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-9.3	-2060.5	2060.5	Pass
190	5	Static	-11.01	-2091.5	2091.5	Pass
251	5	Static	-8.62	-2122	2122	Pass

2.10 GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-10.46	-2060.5	2060.5	Pass
190	5	Static	-9.33	-2091.5	2091.5	Pass
251	5	Static	-9.56	-2122	2122	Pass

2.11 GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-9.36	-2060.5	2060.5	Pass
190	5	Static	-9.52	-2091.5	2091.5	Pass
251	5	Static	-10.01	-2122	2122	Pass

1. GPRS_PCS

1.1 GPRS Frequency Stability_Part22-24(-20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-19.24	-4625.5	4625.5	Pass
661	0	Static	-19.73	-4700	4700	Pass
810	0	Static	-11.14	-4774.5	4774.5	Pass

1.2 GPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-19.18	-4625.5	4625.5	Pass
661	0	Static	-18.56	-4700	4700	Pass
810	0	Static	-16.05	-4774.5	4774.5	Pass

1.3 GPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-14.85	-4625.5	4625.5	Pass
661	0	Static	-15.66	-4700	4700	Pass
810	0	Static	-15.63	-4774.5	4774.5	Pass

1.4 GPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-18.5	-4625.5	4625.5	Pass
661	0	Static	-17.43	-4700	4700	Pass
810	0	Static	-15.4	-4774.5	4774.5	Pass

1.5 GPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-10.69	-4625.5	4625.5	Pass
661	0	Static	-18.53	-4700	4700	Pass
810	0	Static	-15.21	-4774.5	4774.5	Pass

1.6 GPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-16.14	-4625.5	4625.5	Pass
661	0	Static	-17.79	-4700	4700	Pass
810	0	Static	-15.43	-4774.5	4774.5	Pass

1.7 GPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-13.56	-4625.5	4625.5	Pass
661	0	Static	-14.11	-4700	4700	Pass
810	0	Static	-15.24	-4774.5	4774.5	Pass

1.8 GPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-15.79	-4625.5	4625.5	Pass
661	0	Static	-13.37	-4700	4700	Pass
810	0	Static	-14.72	-4774.5	4774.5	Pass

1.9 GPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-17.14	-4625.5	4625.5	Pass
661	0	Static	-16.21	-4700	4700	Pass
810	0	Static	-14.66	-4774.5	4774.5	Pass

1.10 GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-15.43	-4625.5	4625.5	Pass
661	0	Static	-14.24	-4700	4700	Pass
810	0	Static	-15.05	-4774.5	4774.5	Pass

1.11 GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-14.5	-4625.5	4625.5	Pass
661	0	Static	-13.72	-4700	4700	Pass
810	0	Static	-13.14	-4774.5	4774.5	Pass

2. EGPRS_GSM850

2.1 EGPRS Frequency Stability_Part22-24(-20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-30.15	-2060.5	2060.5	Pass
190	8	Static	-29.9	-2091.5	2091.5	Pass
251	8	Static	-25.96	-2122	2122	Pass

2.2 EGPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-28.7	-2060.5	2060.5	Pass
190	8	Static	-38.81	-2091.5	2091.5	Pass
251	8	Static	-26.93	-2122	2122	Pass

2.3 EGPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-31.7	-2060.5	2060.5	Pass
190	8	Static	-29.15	-2091.5	2091.5	Pass
251	8	Static	-27.51	-2122	2122	Pass

2.4 EGPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-26.8	-2060.5	2060.5	Pass
190	8	Static	-26.93	-2091.5	2091.5	Pass
251	8	Static	-21.08	-2122	2122	Pass

2.5 EGPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-24.57	-2060.5	2060.5	Pass
190	8	Static	-33.51	-2091.5	2091.5	Pass
251	8	Static	-27.93	-2122	2122	Pass

2.6 EGPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-28.02	-2060.5	2060.5	Pass
190	8	Static	-23.54	-2091.5	2091.5	Pass
251	8	Static	-25.83	-2122	2122	Pass

2.7 EGPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-27.57	-2060.5	2060.5	Pass
190	8	Static	-23.79	-2091.5	2091.5	Pass
251	8	Static	-24.12	-2122	2122	Pass

2.8 EGPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-29.44	-2060.5	2060.5	Pass
190	8	Static	-23.96	-2091.5	2091.5	Pass
251	8	Static	-29.8	-2122	2122	Pass

2.9 EGPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-24.92	-2060.5	2060.5	Pass
190	8	Static	-24.28	-2091.5	2091.5	Pass
251	8	Static	-23.96	-2122	2122	Pass

2.10 EGPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-22.44	-2060.5	2060.5	Pass
190	8	Static	-26.99	-2091.5	2091.5	Pass
251	8	Static	-22.92	-2122	2122	Pass

2.11 EGPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-22.24	-2060.5	2060.5	Pass
190	8	Static	-24.05	-2091.5	2091.5	Pass
251	8	Static	-30.67	-2122	2122	Pass

1. EGPRS_PCS

1.1 EGPRS Frequency Stability_Part22-24(-20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-33.96	-4625.5	4625.5	Pass
661	2	Static	-31.7	-4700	4700	Pass
810	2	Static	-33	-4774.5	4774.5	Pass

1.2 EGPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-32.12	-4625.5	4625.5	Pass
661	2	Static	-32.32	-4700	4700	Pass
810	2	Static	-29.67	-4774.5	4774.5	Pass

1.3 EGPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-28.22	-4625.5	4625.5	Pass
661	2	Static	-32.16	-4700	4700	Pass
810	2	Static	-28.06	-4774.5	4774.5	Pass

1.4 EGPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-28.99	-4625.5	4625.5	Pass
661	2	Static	-30.06	-4700	4700	Pass
810	2	Static	-26.41	-4774.5	4774.5	Pass

1.5 EGPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-32.51	-4625.5	4625.5	Pass
661	2	Static	-35.81	-4700	4700	Pass
810	2	Static	-33.9	-4774.5	4774.5	Pass

1.6 EGPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-32.03	-4625.5	4625.5	Pass
661	2	Static	-34.71	-4700	4700	Pass
810	2	Static	-32.51	-4774.5	4774.5	Pass

1.7 EGPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-35.61	-4625.5	4625.5	Pass
661	2	Static	-35.45	-4700	4700	Pass
810	2	Static	-28.73	-4774.5	4774.5	Pass

1.8 EGPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-34.58	-4625.5	4625.5	Pass
661	2	Static	-36.1	-4700	4700	Pass
810	2	Static	-35.81	-4774.5	4774.5	Pass

1.9 EGPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-35.74	-4625.5	4625.5	Pass
661	2	Static	-38.58	-4700	4700	Pass
810	2	Static	-33.29	-4774.5	4774.5	Pass

1.10 EGPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-31.67	-4625.5	4625.5	Pass
661	2	Static	-30.51	-4700	4700	Pass
810	2	Static	-28.15	-4774.5	4774.5	Pass

1.11 EGPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-37.48	-4625.5	4625.5	Pass
661	2	Static	-38.19	-4700	4700	Pass
810	2	Static	-31.77	-4774.5	4774.5	Pass

1. WCDMA_Band2

1.1 WCDMA Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-5.26	Pass
9400	-4700	4700	-2.41	Pass
9538	-4769	4769	-0.51	Pass

1.2 WCDMA Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-2.67	Pass
9400	-4700	4700	3.76	Pass
9538	-4769	4769	-2.96	Pass

1.3 WCDMA Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-2.1	Pass
9400	-4700	4700	-2.55	Pass
9538	-4769	4769	3.38	Pass

1.4 WCDMA Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-3.1	Pass
9400	-4700	4700	-4.8	Pass
9538	-4769	4769	-0.79	Pass

1.5 WCDMA Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	2.07	Pass
9400	-4700	4700	0.39	Pass
9538	-4769	4769	0.43	Pass

1.6 WCDMA Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	1.19	Pass
9400	-4700	4700	-5.66	Pass
9538	-4769	4769	-2.06	Pass

1.7 WCDMA Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-2.68	Pass
9400	-4700	4700	-2.13	Pass
9538	-4769	4769	-0.79	Pass

1.8 WCDMA Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	3.82	Pass
9400	-4700	4700	-5.01	Pass
9538	-4769	4769	-0.5	Pass

1.9 WCDMA Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-3.54	Pass
9400	-4700	4700	-3.84	Pass
9538	-4769	4769	1.36	Pass

1.10 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-2.64	Pass
9400	-4700	4700	-2.57	Pass
9538	-4769	4769	-0.38	Pass

1.11 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	1.06	Pass
9400	-4700	4700	1.37	Pass
9538	-4769	4769	-1.69	Pass

2. WCDMA_Band4

2.1 WCDMA Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	1.49	Pass
1412	-4331	4331	-3.15	Pass
1513	-4381.5	4381.5	-6.14	Pass

2.2 WCDMA Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	1.62	Pass
1412	-4331	4331	-3.51	Pass
1513	-4381.5	4381.5	-4.26	Pass

2.3 WCDMA Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-5.77	Pass
1412	-4331	4331	-1.4	Pass
1513	-4381.5	4381.5	-2.69	Pass

2.4 WCDMA Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-0.77	Pass
1412	-4331	4331	0.67	Pass
1513	-4381.5	4381.5	-3.24	Pass

2.5 WCDMA Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-1.83	Pass
1412	-4331	4331	-5.11	Pass
1513	-4381.5	4381.5	-3.6	Pass

2.6 WCDMA Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-0.44	Pass
1412	-4331	4331	0.58	Pass
1513	-4381.5	4381.5	-7.95	Pass

2.7 WCDMA Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	1.11	Pass
1412	-4331	4331	-5.95	Pass
1513	-4381.5	4381.5	-2.62	Pass

2.8 WCDMA Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-5.04	Pass
1412	-4331	4331	-1.37	Pass
1513	-4381.5	4381.5	-4.03	Pass

2.9 WCDMA Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-0.09	Pass
1412	-4331	4331	-3.5	Pass
1513	-4381.5	4381.5	-4.06	Pass

2.10 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	1.36	Pass
1412	-4331	4331	-5.88	Pass
1513	-4381.5	4381.5	-3.88	Pass

2.11 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-1.55	Pass
1412	-4331	4331	-1.17	Pass
1513	-4381.5	4381.5	-4.47	Pass

3. WCDMA_Band5

3.1 WCDMA Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	0.14	Pass
4182	-2091	2091	-1.31	Pass
4233	-2116.5	2116.5	-4.73	Pass

3.2 WCDMA Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-2.83	Pass
4182	-2091	2091	-0.7	Pass
4233	-2116.5	2116.5	-4.71	Pass

3.3 WCDMA Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-1.69	Pass
4182	-2091	2091	-2.19	Pass
4233	-2116.5	2116.5	-0.69	Pass

3.4 WCDMA Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-2.93	Pass
4182	-2091	2091	-2.03	Pass
4233	-2116.5	2116.5	-3	Pass

3.5 WCDMA Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-4.48	Pass
4182	-2091	2091	-1.86	Pass
4233	-2116.5	2116.5	-0.64	Pass

3.6 WCDMA Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-2	Pass
4182	-2091	2091	-3.01	Pass
4233	-2116.5	2116.5	-2.56	Pass

3.7 WCDMA Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-2.88	Pass
4182	-2091	2091	-4.95	Pass
4233	-2116.5	2116.5	-4.12	Pass

3.8 WCDMA Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-3.43	Pass
4182	-2091	2091	-2.47	Pass
4233	-2116.5	2116.5	-1.14	Pass

3.9 WCDMA Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-3.28	Pass
4182	-2091	2091	-1	Pass
4233	-2116.5	2116.5	-4.51	Pass

3.10 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-1.8	Pass
4182	-2091	2091	-1.55	Pass
4233	-2116.5	2116.5	-3.14	Pass

3.11 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-2.12	Pass
4182	-2091	2091	-1.79	Pass
4233	-2116.5	2116.5	-1.42	Pass

1. LTE_Band2

1.1 LTE Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-1.17	Pass
18900	10	16QAM	50	0	-4700	4700	-6.47	Pass

1.2 LTE Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-3.28	Pass
18900	10	16QAM	50	0	-4700	4700	-7.47	Pass

1.3 LTE Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-0.53	Pass
18900	10	16QAM	50	0	-4700	4700	-0.79	Pass

1.4 LTE Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-1.1	Pass
18900	10	16QAM	50	0	-4700	4700	-0.11	Pass

1.5 LTE Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	1.83	Pass
18900	10	16QAM	50	0	-4700	4700	-4.81	Pass

1.6 LTE Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-5.02	Pass
18900	10	16QAM	50	0	-4700	4700	1.79	Pass

1.7 LTE Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-2.62	Pass
18900	10	16QAM	50	0	-4700	4700	-4.94	Pass

1.8 LTE Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-7.84	Pass
18900	10	16QAM	50	0	-4700	4700	-9.36	Pass

1.9 LTE Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-5.65	Pass
18900	10	16QAM	50	0	-4700	4700	0.7	Pass

1.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-5.18	Pass
18900	10	16QAM	50	0	-4700	4700	-2.4	Pass

1.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-1.86	Pass
18900	10	16QAM	50	0	-4700	4700	0.53	Pass

2. LTE_Band4

2.1 LTE Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-4.23	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-2.16	Pass

2.2 LTE Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	0.3	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-3.92	Pass

2.3 LTE Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-1.4	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-2.66	Pass

2.4 LTE Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	0.14	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	0.77	Pass

2.5 LTE Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-2.17	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-1.7	Pass

2.6 LTE Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	4.61	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-2.06	Pass

2.7 LTE Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-1.44	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	6.32	Pass

2.8 LTE Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	1.76	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-3.96	Pass

2.9 LTE Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-5.91	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-5.42	Pass

2.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	0.43	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-3.42	Pass

2.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	0.86	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-7.58	Pass

3. LTE_Band5

3.1 LTE Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	0.63	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-2.59	Pass

3.2 LTE Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-3.55	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-0.21	Pass

3.3 LTE Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-3.46	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-3.33	Pass

3.4 LTE Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-3.15	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-2.59	Pass

3.5 LTE Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-1.83	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-4.28	Pass

3.6 LTE Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-4.32	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-4.12	Pass

3.7 LTE Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-1.02	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-2.7	Pass

3.8 LTE Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-1.73	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-3.81	Pass

3.9 LTE Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-2.96	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-4.22	Pass

3.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-1.23	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-2.4	Pass

3.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-4.12	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-2.7	Pass

4. LTE_Band7

4.1 LTE Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	3.33	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-5.06	Pass

4.2 LTE Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-11.7	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-0.13	Pass

4.3 LTE Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-1.04	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-9.76	Pass

4.4 LTE Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-8.88	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-8.07	Pass

4.5 LTE Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-1.62	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-6.67	Pass

4.6 LTE Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-7.22	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	1.37	Pass

4.7 LTE Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-7.95	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-4.28	Pass

4.8 LTE Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-8.21	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	1.26	Pass

4.9 LTE Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-3.43	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-7.51	Pass

4.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-4.46	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-10.57	Pass

4.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-9.81	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-2.72	Pass

5. LTE_Band12

5.1 LTE Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.11	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-0.77	Pass

5.2 LTE Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-4.06	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-4.52	Pass

5.3 LTE Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-2.5	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-2.92	Pass

5.4 LTE Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-1.95	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-3.05	Pass

5.5 LTE Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.82	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-2.33	Pass

5.6 LTE Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.77	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-5.39	Pass

5.7 LTE Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-1.06	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-6.65	Pass

5.8 LTE Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-3.22	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-4.06	Pass

5.9 LTE Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-1.5	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-3.35	Pass

5.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-1.07	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-1.57	Pass

5.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-4.38	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-1.66	Pass

6. LTE_Band13

6.1 LTE Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-1.75	Pass
23230	10	16QAM	50	0	-1955	1955	-1.99	Pass

6.2 LTE Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-3.5	Pass
23230	10	16QAM	50	0	-1955	1955	-0.37	Pass

6.3 LTE Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-6.18	Pass
23230	10	16QAM	50	0	-1955	1955	-5.31	Pass

6.4 LTE Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-0.16	Pass
23230	10	16QAM	50	0	-1955	1955	-2.42	Pass

6.5 LTE Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-5.04	Pass
23230	10	16QAM	50	0	-1955	1955	0.76	Pass

6.6 LTE Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-1.82	Pass
23230	10	16QAM	50	0	-1955	1955	-3.4	Pass

6.7 LTE Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-0.72	Pass
23230	10	16QAM	50	0	-1955	1955	-4.85	Pass

6.8 LTE Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-2.29	Pass
23230	10	16QAM	50	0	-1955	1955	-7.5	Pass

6.9 LTE Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-2.29	Pass
23230	10	16QAM	50	0	-1955	1955	-5.82	Pass

6.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	0.3	Pass
23230	10	16QAM	50	0	-1955	1955	-0.63	Pass

6.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-1.39	Pass
23230	10	16QAM	50	0	-1955	1955	-4.78	Pass

7. LTE_Band17

7.1 LTE Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-2.02	Pass
23790	10	16QAM	50	0	-1775	1775	-3.13	Pass

7.2 LTE Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-2.02	Pass
23790	10	16QAM	50	0	-1775	1775	-2.95	Pass

7.3 LTE Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	1.49	Pass
23790	10	16QAM	50	0	-1775	1775	-1.37	Pass

7.4 LTE Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-1.14	Pass
23790	10	16QAM	50	0	-1775	1775	-2.63	Pass

7.5 LTE Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-2.76	Pass
23790	10	16QAM	50	0	-1775	1775	-3.13	Pass

7.6 LTE Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-3.79	Pass
23790	10	16QAM	50	0	-1775	1775	1.17	Pass

7.7 LTE Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-2.65	Pass
23790	10	16QAM	50	0	-1775	1775	-1.43	Pass

7.8 LTE Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-1.16	Pass
23790	10	16QAM	50	0	-1775	1775	-2.2	Pass

7.9 LTE Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-4.11	Pass
23790	10	16QAM	50	0	-1775	1775	-0.89	Pass

7.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-3.63	Pass
23790	10	16QAM	50	0	-1775	1775	-2.82	Pass

7.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-4.81	Pass
23790	10	16QAM	50	0	-1775	1775	-3.99	Pass

8. LTE_Band26(part22)

8.1 LTE Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-0.56	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-4.15	Pass

8.2 LTE Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-0.62	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-8.9	Pass

8.3 LTE Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-4.46	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-3.88	Pass

8.4 LTE Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-3.16	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-1.8	Pass

8.5 LTE Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-3.78	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-5.46	Pass

8.6 LTE Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-2.37	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-2.62	Pass

8.7 LTE Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-3.59	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-3.65	Pass

8.8 LTE Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-3.62	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-4.63	Pass

8.9 LTE Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-2.53	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-0.41	Pass

8.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-4.72	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-2.5	Pass

8.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-4.15	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-4.01	Pass

1. LTE_Band26(part90)

1.1 LTE Frequency Stability_Part90(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-3.03	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-0.83	Pass

1.2 LTE Frequency Stability_Part90(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-3.3	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-4.49	Pass

1.3 LTE Frequency Stability_Part90(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-1.2	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-4.31	Pass

1.4 LTE Frequency Stability_Part90(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-2.26	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-4.31	Pass

1.5 LTE Frequency Stability_Part90(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-2.12	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-4.89	Pass

1.6 LTE Frequency Stability_Part90(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-3.53	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-4.59	Pass

1.7 LTE Frequency Stability_Part90(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-4.08	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-3.55	Pass

1.8 LTE Frequency Stability_Part90(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-2.4	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-1.72	Pass

1.9 LTE Frequency Stability_Part90(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-2.88	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-3.75	Pass

1.10 LTE Frequency Stability_Part90(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-1.77	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-4.39	Pass

1.11 LTE Frequency Stability_Part90(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-1.17	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-5.25	Pass

9. LTE_Band66

9.1 LTE Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-2.16	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-2.5	Pass

9.2 LTE Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	1.23	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	2.9	Pass

9.3 LTE Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	4.08	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	3.95	Pass

9.4 LTE Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	0.21	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-0.44	Pass

9.5 LTE Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	4.76	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	0.36	Pass

9.6 LTE Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-0.97	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	5.82	Pass

9.7 LTE Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-0.92	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	4.23	Pass

9.8 LTE Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-1.39	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	1.63	Pass

9.9 LTE Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-1.2	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-2.05	Pass

9.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-3.33	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-0.64	Pass

9.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-0.44	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-3.5	Pass

10. LTE_Band38

10.1 LTE Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	3.82	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-10.13	Pass

10.2 LTE Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-6.94	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	4.11	Pass

10.3 LTE Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-5.36	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-1.26	Pass

10.4 LTE Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-2.07	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-10.6	Pass

10.5 LTE Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-2.95	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-3.29	Pass

10.6 LTE Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-7.5	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	3.02	Pass

10.7 LTE Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-3.96	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-3.52	Pass

10.8 LTE Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-5.54	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-5.87	Pass

10.9 LTE Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-3.02	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	3.19	Pass

10.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	0.51	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-6.68	Pass

10.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-7.75	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	0.77	Pass

11. LTE_Band41 full

11.1 LTE Frequency Stability_Part22-24-27(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-4.32	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-13.83	Pass

11.2 LTE Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-5.02	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-2.57	Pass

11.3 LTE Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-0.87	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-8.85	Pass

11.4 LTE Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-2.73	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-7.21	Pass

11.5 LTE Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-3.91	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-0.44	Pass

11.6 LTE Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-7.51	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-3.68	Pass

11.7 LTE Frequency Stability_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-5.28	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-2.55	Pass

11.8 LTE Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-13.18	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-3.62	Pass

11.9 LTE Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-7.34	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-2.06	Pass

11.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-5.59	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-8.33	Pass

11.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-2.4	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-2.68	Pass

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