

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)	
3.8	-10	16.37	±2060.5	18.34	±2091.5	18.21	±2122	Pass
	0	20.18		9.78		11.91		
	+10	12.75		13.5		17.4		
	+20	10.94		9.14		9.91		
	+25	-9.85		8.62		-10.27		
	+30	14.98		-9.27		12.17		
	+40	11.46		-10.56		-11.88		
	+45	-11.33		-10.65		7.81		
4.5	+25	-13.11		-11.2		20.86		
3.45	+25	7.81		18.18		21.86		

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)	
3.8	-10	-24.41	±4625.5	23.41	±4700.0	29.32	±4774.5	Pass
	0	20.57		-21.76		30.38		
	+10	19.73		21.57		-16.79		
	+20	23.92		-25.8		35.06		
	+25	9.04		14.53		-22.86		
	+30	-21.86		19.27		-23.79		
	+40	21.95		31.16		48.33		
	+45	33.87		15.27		-29.15		
4.5	+25	20.5		53.05		33.48		
3.45	+25	31.32		17.31		40		

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)	
3.8	-10	21.21	±2060.5	17.92	±2091.5	18.27	±2122	Pass
	0	17.37		17.66		18.5		
	+10	17.89		17.24		16.56		
	+20	13.95		14.14		16.92		
	+25	16.59		14.24		17.21		
	+30	23.21		13.37		19.24		
	+40	19.73		17.14		18.11		
	+45	16.92		18.24		24.31		
4.5	+25	15.4		19.18		22.12		
3.45	+25	20.28		17.47		15.24		

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)	
3.8	-10	28.54	±4625.5	15.3	±4700.0	18.95	±4774.5	Pass
	0	31.25		21.21		29.41		
	+10	31.48		26.6		33.74		
	+20	24.31		30.54		35.97		
	+25	26.83		37.81		28.35		
	+30	36.42		28.7		42.52		
	+40	25.67		23.96		27.8		
	+45	33.64		21.44		24.67		
4.5	+25	29.25		33.93		27.51		
3.45	+25	16.01		25.86		32.45		

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)	
3.8	-10	14.56	±2060.5	20.5	±2091.5	15.05	±2122	Pass
	0	14.72		18.76		19.08		
	+10	17.21		23.63		18.27		
	+20	12.49		24.67		22.24		
	+25	11.07		22.5		16.34		
	+30	14.82		19.98		11.36		
	+40	22.02		24.25		25.28		
	+45	17.85		16.05		13.08		
4.5	+25	16.69		16.69		16.66		
3.45	+25	11.07		15.21		10.01		

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)	
3.8	-10	21.05	±4625.5	21.08	±4700.0	34.71	±4774.5	Pass
	0	34.45		28.41		14.04		
	+10	25.12		12.46		28.51		
	+20	26.38		39.74		13.24		
	+25	26.99		20.31		30.45		
	+30	27.48		30.25		26.02		
	+40	35.93		22.96		28.73		
	+45	26.7		22.05		26.7		
4.5	+25	31.28		-17.5		25.96		
3.45	+25	-11.27		22.24		27.89		

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)	
3.8	-10	-4.17	±4631	2.55	±4700	12.8	±4769	Pass
	0	1.58		0.63		-6.42		
	+10	-8.53		-0.58		3.68		
	+20	4.06		-6.92		5.11		
	+25	7.9		1.23		-5.79		
	+30	-0.07		2.33		-1.72		
	+40	-2.02		-3.91		13.77		
	+45	4.19		0.37		-3.04		
4.5	+25	8.59		-3		-2.33		
3.45	+25	4.23		-2.3		0.28		

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)	
3.8	-10	-9.19	±4281	2.57	±4331	-1.97	±4381.5	Pass
	0	4.06		0.2		-2		
	+10	1.61		7.35		-7.6		
	+20	-7.2		-0.1		2.58		
	+25	3.33		-2.15		1.07		
	+30	2.98		0.14		-0.45		
	+40	-0.91		1.87		1.76		
	+45	-3.92		0.67		3.73		
4.5	+25	-1.44		-0.34		-0.67		
3.45	+25	-5.47		-1.88		-2.83		

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)	
3.8	-10	-0.84	±2066	0.89	±2091	-3.61	±2116.5	Pass
	0	-0.29		0.11		2.35		
	+10	2.79		-0.51		-0.99		
	+20	-0.4		0.94		2.97		
	+25	2.71		-1.19		2.26		
	+30	0.83		-1.18		1.65		
	+40	2.83		-1.04		-0.81		
	+45	-1.41		0.81		-0.53		
4.5	+25	2.85		0.88		0.11		
3.45	+25	0.18		0.21		-1.83		

LTE

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-20.59	±4700	Pass
	0	-35.98		
	+10	-35.75		
	+20	-24.85		
	+25	-34.63		
	+30	-28.71		
	+40	-7.31		
	+45	-44.07		
4.5	+25	-21.43	±4700	Pass
3.45	+25	-21.04		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-19.56	±4700	Pass
	0	-18.47		
	+10	0.17		
	+20	6.88		
	+25	-29.91		
	+30	-43.2		
	+40	-21.07		
	+45	-10.19		
4.5	+25	-28.72	±4700	Pass
3.45	+25	-31.66		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-25.65	±4331.25	Pass
	0	-10.91		
	+10	-5.09		
	+20	-1.1		
	+25	-32.24		
	+30	-12.23		
	+40	-28.31		
	+45	8.58		
4.5	+25	-5.74	±4331.25	Pass
3.45	+25	-37.21		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-33.16	±4331.25	Pass
	0	-16.35		
	+10	-23.96		
	+20	-20.54		
	+25	-7.07		
	+30	-20.69		
	+40	-38.31		
	+45	-0.94		
4.5	+25	-34.96	±4331.25	Pass
3.45	+25	-39.68		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-28.74	±2091.25	Pass
	0	-26.54		
	+10	-29.77		
	+20	-43.8		
	+25	-12.07		
	+30	-27.64		
	+40	-45.3		
	+45	-12.32		
4.5	+25	-27.89	±2091.25	Pass
3.45	+25	-34.82		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-25.59	±2091.25	Pass
	0	-26.82		
	+10	-31.89		
	+20	-1.56		
	+25	-12.46		
	+30	-31.47		
	+40	-48.57		
	+45	-15.51		
4.5	+25	-28.32	±2091.25	Pass
3.45	+25	-39.35		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-27.07	±6337.5	Pass
	0	27.02		
	+10	15.55		
	+20	-33.7		
	+25	-10		
	+30	6.72		
	+40	14.16		
	+45	-20.89		
4.5	+25	18.42	±6337.5	Pass
3.45	+25	46.33		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-18.55	±6337.5	Pass
	0	15.99		
	+10	8.34		
	+20	-45.28		
	+25	-15.46		
	+30	-0.89		
	+40	-27.34		
	+45	-24.28		
4.5	+25	14	±6337.5	Pass
3.45	+25	33.13		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-1.95	±1768.75	Pass
	0	9.04		
	+10	11.07		
	+20	7.15		
	+25	-5.49		
	+30	-15.28		
	+40	-23.75		
	+45	-39.88		
4.5	+25	-17.82	±1768.75	Pass
3.45	+25	-10.14		

LTE Band 12 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-1.86	±1768.75	Pass
	0	11.06		
	+10	11.63		
	+20	5.88		
	+25	-8.13		
	+30	-19.17		
	+40	-28.3		
	+45	-39.2		
4.5	+25	-3.81	±1768.75	Pass
3.45	+25	-12.19		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-5.76	±1775	Pass
	0	-38.34		
	+10	4.82		
	+20	10.67		
	+25	6.48		
	+30	-2.26		
	+40	-9.78		
	+45	-17.42		
4.5	+25	-20.48	±1775	Pass
3.45	+25	-24.55		

LTE Band 17 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-8.57	±1775	Pass
	0	-40.07		
	+10	10.47		
	+20	10.57		
	+25	6.95		
	+30	-8.01		
	+40	-10.89		
	+45	-17.31		
4.5	+25	-20.27	±1775	Pass
3.45	+25	-25.52		

LTE Band 26 (Part22) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-0.72	±2091.25	Pass
	0	5.58		
	+10	9.78		
	+20	6.01		
	+25	1.8		
	+30	-2.43		
	+40	-10.3		
	+45	-19.23		
4.5	+25	-32.47	±2091.25	Pass
3.45	+25	-38.55		

LTE Band 26 (Part22) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-3.86	±2091.25	Pass
	0	8.21		
	+10	10.6		
	+20	10.81		
	+25	4.73		
	+30	-2.52		
	+40	-13		
	+45	-21.44		
4.5	+25	-32.54	±2091.25	Pass
3.45	+25	-39.97		

LTE Band 26 (Part90) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-6.79	±2047.5	Pass
	0	-21.37		
	+10	-16.14		
	+20	-20.77		
	+25	-25.96		
	+30	-11.77		
	+40	-45.23		
	+45	-33		
4.5	+25	-14.72	±2047.5	Pass
3.45	+25	-46.49		

LTE Band 26 (Part90) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-7.58	±2047.5	Pass
	0	-25.94		
	+10	-24.16		
	+20	-27.01		
	+25	-32.76		
	+30	-22.57		
	+40	-2.03		
	+45	-37.98		
4.5	+25	-19.15	±2047.5	Pass
3.45	+25	-2.17		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	7.68	±6487.5	Pass
	0	36.84		
	+10	33.13		
	+20	36.38		
	+25	28.85		
	+30	28.5		
	+40	-32.27		
	+45	-6.11		
4.5	+25	27.32	±6487.5	Pass
3.45	+25	32.2		

LTE Band 38 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	17.35	±6487.5	Pass
	0	20.74		
	+10	6.11		
	+20	13.83		
	+25	31.69		
	+30	37.15		
	+40	-30.28		
	+45	40.81		
4.5	+25	19.53	±6487.5	Pass
3.45	+25	15.75		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	36.03	±6482.5	Pass
	0	-7.2		
	+10	-2.09		
	+20	-4.22		
	+25	25.68		
	+30	15.98		
	+40	23.89		
	+45	36.26		
4.5	+25	21.86	±6482.5	Pass
3.45	+25	26.28		

LTE Band 41 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	16.14	±6482.5	Pass
	0	1.9		
	+10	14.08		
	+20	19.27		
	+25	43.19		
	+30	19.44		
	+40	37.57		
	+45	19.21		
4.5	+25	36.28	±6482.5	Pass
3.45	+25	13.58		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-15.58	±4362.5	Pass
	0	-7.35		
	+10	-23.98		
	+20	-24.2		
	+25	-1.76		
	+30	-20.6		
	+40	-8.11		
	+45	-34.89		
4.5	+25	-23.16	±4362.5	Pass
3.45	+25	-35.1		

LTE Band 66 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	-22.43	±4362.5	Pass
	0	-9.86		
	+10	-31.46		
	+20	-21.99		
	+25	-6.71		
	+30	-24.13		
	+40	-12.35		
	+45	-8.6		
4.5	+25	-23.17	±4362.5	Pass
3.45	+25	-38.94		

1. GSM_GSM850

1.1 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	16.37	-2060.5	2060.5	Pass
190	5	Static	18.34	-2091.5	2091.5	Pass
251	5	Static	18.21	-2122	2122	Pass

1.2 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	20.18	-2060.5	2060.5	Pass
190	5	Static	9.78	-2091.5	2091.5	Pass
251	5	Static	11.91	-2122	2122	Pass

1.3 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	12.75	-2060.5	2060.5	Pass
190	5	Static	13.5	-2091.5	2091.5	Pass
251	5	Static	17.4	-2122	2122	Pass

1.4 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	10.94	-2060.5	2060.5	Pass
190	5	Static	9.14	-2091.5	2091.5	Pass
251	5	Static	9.91	-2122	2122	Pass

1.5 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	-9.85	-2060.5	2060.5	Pass
190	5	Static	8.62	-2091.5	2091.5	Pass
251	5	Static	-10.27	-2122	2122	Pass

1.6 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	14.98	-2060.5	2060.5	Pass
190	5	Static	-9.27	-2091.5	2091.5	Pass
251	5	Static	12.17	-2122	2122	Pass

1.7 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	11.46	-2060.5	2060.5	Pass
190	5	Static	-10.56	-2091.5	2091.5	Pass
251	5	Static	-11.88	-2122	2122	Pass

1.8 GSM Frequency Stability_Part22-24(45 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-11.33	-2060.5	2060.5	Pass
190	5	Static	-10.65	-2091.5	2091.5	Pass
251	5	Static	7.81	-2122	2122	Pass

1.9 GSM Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-13.11	-2060.5	2060.5	Pass
190	5	Static	-11.2	-2091.5	2091.5	Pass
251	5	Static	20.86	-2122	2122	Pass

1.10 GSM Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	7.81	-2060.5	2060.5	Pass
190	5	Static	18.18	-2091.5	2091.5	Pass
251	5	Static	21.86	-2122	2122	Pass

2. GSM_PCS

2.1 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	-24.41	-4625.5	4625.5	Pass
661	0	Static	23.41	-4700	4700	Pass
810	0	Static	29.32	-4774.5	4774.5	Pass

2.2 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	20.57	-4625.5	4625.5	Pass
661	0	Static	-21.76	-4700	4700	Pass
810	0	Static	30.38	-4774.5	4774.5	Pass

2.3 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	19.73	-4625.5	4625.5	Pass
661	0	Static	21.57	-4700	4700	Pass
810	0	Static	-16.79	-4774.5	4774.5	Pass

2.4 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	23.92	-4625.5	4625.5	Pass
661	0	Static	-25.8	-4700	4700	Pass
810	0	Static	35.06	-4774.5	4774.5	Pass

2.5 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	9.04	-4625.5	4625.5	Pass
661	0	Static	14.53	-4700	4700	Pass
810	0	Static	-22.86	-4774.5	4774.5	Pass

2.6 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	-21.86	-4625.5	4625.5	Pass
661	0	Static	19.27	-4700	4700	Pass
810	0	Static	-23.79	-4774.5	4774.5	Pass

2.7 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	21.95	-4625.5	4625.5	Pass
661	0	Static	31.16	-4700	4700	Pass
810	0	Static	48.33	-4774.5	4774.5	Pass

2.8 GSM Frequency Stability_Part22-24(45 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	33.87	-4625.5	4625.5	Pass
661	0	Static	15.27	-4700	4700	Pass
810	0	Static	-29.15	-4774.5	4774.5	Pass

2.9 GSM Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	20.5	-4625.5	4625.5	Pass
661	0	Static	53.05	-4700	4700	Pass
810	0	Static	33.48	-4774.5	4774.5	Pass

2.10 GSM Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	31.32	-4625.5	4625.5	Pass
661	0	Static	17.31	-4700	4700	Pass
810	0	Static	40	-4774.5	4774.5	Pass

1. GPRS_GSM850

1.1 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	21.21	-2060.5	2060.5	Pass
190	5	Static	17.92	-2091.5	2091.5	Pass
251	5	Static	18.27	-2122	2122	Pass

1.2 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	17.37	-2060.5	2060.5	Pass
190	5	Static	17.66	-2091.5	2091.5	Pass
251	5	Static	18.5	-2122	2122	Pass

1.3 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	17.89	-2060.5	2060.5	Pass
190	5	Static	17.24	-2091.5	2091.5	Pass
251	5	Static	16.56	-2122	2122	Pass

1.4 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	13.95	-2060.5	2060.5	Pass
190	5	Static	14.14	-2091.5	2091.5	Pass
251	5	Static	16.92	-2122	2122	Pass

1.5 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	16.59	-2060.5	2060.5	Pass
190	5	Static	14.24	-2091.5	2091.5	Pass
251	5	Static	17.21	-2122	2122	Pass

1.6 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	23.21	-2060.5	2060.5	Pass
190	5	Static	13.37	-2091.5	2091.5	Pass
251	5	Static	19.24	-2122	2122	Pass

1.7 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	19.73	-2060.5	2060.5	Pass
190	5	Static	17.14	-2091.5	2091.5	Pass
251	5	Static	18.11	-2122	2122	Pass

1.8 GPRS Frequency Stability_Part22-24(45 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	16.92	-2060.5	2060.5	Pass
190	5	Static	18.24	-2091.5	2091.5	Pass
251	5	Static	24.31	-2122	2122	Pass

1.9 GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	15.4	-2060.5	2060.5	Pass
190	5	Static	19.18	-2091.5	2091.5	Pass
251	5	Static	22.12	-2122	2122	Pass

1.10 GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	20.28	-2060.5	2060.5	Pass
190	5	Static	17.47	-2091.5	2091.5	Pass
251	5	Static	15.24	-2122	2122	Pass

2. GPRS_PCS

2.1 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	28.54	-4625.5	4625.5	Pass
661	0	Static	15.3	-4700	4700	Pass
810	0	Static	18.95	-4774.5	4774.5	Pass

2.2 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	31.25	-4625.5	4625.5	Pass
661	0	Static	21.21	-4700	4700	Pass
810	0	Static	29.41	-4774.5	4774.5	Pass

2.3 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	31.48	-4625.5	4625.5	Pass
661	0	Static	26.6	-4700	4700	Pass
810	0	Static	33.74	-4774.5	4774.5	Pass

2.4 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	24.31	-4625.5	4625.5	Pass
661	0	Static	30.54	-4700	4700	Pass
810	0	Static	35.97	-4774.5	4774.5	Pass

2.5 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	26.83	-4625.5	4625.5	Pass
661	0	Static	37.81	-4700	4700	Pass
810	0	Static	28.35	-4774.5	4774.5	Pass

2.6 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	36.42	-4625.5	4625.5	Pass
661	0	Static	28.7	-4700	4700	Pass
810	0	Static	42.52	-4774.5	4774.5	Pass

2.7 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	25.67	-4625.5	4625.5	Pass
661	0	Static	23.96	-4700	4700	Pass
810	0	Static	27.8	-4774.5	4774.5	Pass

2.8 GPRS Frequency Stability_Part22-24(45 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	33.64	-4625.5	4625.5	Pass
661	0	Static	21.44	-4700	4700	Pass
810	0	Static	24.67	-4774.5	4774.5	Pass

2.9 GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	29.25	-4625.5	4625.5	Pass
661	0	Static	33.93	-4700	4700	Pass
810	0	Static	27.51	-4774.5	4774.5	Pass

2.10 GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	16.01	-4625.5	4625.5	Pass
661	0	Static	25.86	-4700	4700	Pass
810	0	Static	32.45	-4774.5	4774.5	Pass

1. EGPRS_GSM850

1.1 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	14.56	-2060.5	2060.5	Pass
190	8	Static	20.5	-2091.5	2091.5	Pass
251	8	Static	15.05	-2122	2122	Pass

1.2 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	14.72	-2060.5	2060.5	Pass
190	8	Static	18.76	-2091.5	2091.5	Pass
251	8	Static	19.08	-2122	2122	Pass

1.3 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	17.21	-2060.5	2060.5	Pass
190	8	Static	23.63	-2091.5	2091.5	Pass
251	8	Static	18.27	-2122	2122	Pass

1.4 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	12.49	-2060.5	2060.5	Pass
190	8	Static	24.67	-2091.5	2091.5	Pass
251	8	Static	22.24	-2122	2122	Pass

1.5 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	11.07	-2060.5	2060.5	Pass
190	8	Static	22.5	-2091.5	2091.5	Pass
251	8	Static	16.34	-2122	2122	Pass

1.6 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	14.82	-2060.5	2060.5	Pass
190	8	Static	19.98	-2091.5	2091.5	Pass
251	8	Static	11.36	-2122	2122	Pass

1.7 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	22.02	-2060.5	2060.5	Pass
190	8	Static	24.25	-2091.5	2091.5	Pass
251	8	Static	25.28	-2122	2122	Pass

1.8 EGPRS Frequency Stability_Part22-24(45 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	17.85	-2060.5	2060.5	Pass
190	8	Static	16.05	-2091.5	2091.5	Pass
251	8	Static	13.08	-2122	2122	Pass

1.9 EGPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	16.69	-2060.5	2060.5	Pass
190	8	Static	16.69	-2091.5	2091.5	Pass
251	8	Static	16.66	-2122	2122	Pass

1.10 EGPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	11.07	-2060.5	2060.5	Pass
190	8	Static	15.21	-2091.5	2091.5	Pass
251	8	Static	10.01	-2122	2122	Pass

2. EGPRS_PCS

2.1 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	21.05	-4625.5	4625.5	Pass
661	2	Static	21.08	-4700	4700	Pass
810	2	Static	34.71	-4774.5	4774.5	Pass

2.2 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	34.45	-4625.5	4625.5	Pass
661	2	Static	28.41	-4700	4700	Pass
810	2	Static	14.04	-4774.5	4774.5	Pass

2.3 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	25.12	-4625.5	4625.5	Pass
661	2	Static	12.46	-4700	4700	Pass
810	2	Static	28.51	-4774.5	4774.5	Pass

2.4 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	26.38	-4625.5	4625.5	Pass
661	2	Static	39.74	-4700	4700	Pass
810	2	Static	13.24	-4774.5	4774.5	Pass

2.5 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	26.99	-4625.5	4625.5	Pass
661	2	Static	20.31	-4700	4700	Pass
810	2	Static	30.45	-4774.5	4774.5	Pass

2.6 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	27.48	-4625.5	4625.5	Pass
661	2	Static	30.25	-4700	4700	Pass
810	2	Static	26.02	-4774.5	4774.5	Pass

2.7 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	35.93	-4625.5	4625.5	Pass
661	2	Static	22.96	-4700	4700	Pass
810	2	Static	28.73	-4774.5	4774.5	Pass

2.8 EGPRS Frequency Stability_Part22-24(45 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	26.7	-4625.5	4625.5	Pass
661	2	Static	22.05	-4700	4700	Pass
810	2	Static	26.7	-4774.5	4774.5	Pass

2.9 EGPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	31.28	-4625.5	4625.5	Pass
661	2	Static	-17.5	-4700	4700	Pass
810	2	Static	25.96	-4774.5	4774.5	Pass

2.10 EGPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-11.27	-4625.5	4625.5	Pass
661	2	Static	22.24	-4700	4700	Pass
810	2	Static	27.89	-4774.5	4774.5	Pass

1. WCDMA_Band2

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	-4.17	Pass
9400		-4700	4700	2.55	Pass
9538		-4769	4769	12.8	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	1.58	Pass
9400		-4700	4700	0.63	Pass
9538		-4769	4769	-6.42	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	-8.53	Pass
9400		-4700	4700	-0.58	Pass
9538		-4769	4769	3.68	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	4.06	Pass
9400		-4700	4700	-6.92	Pass
9538		-4769	4769	5.11	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	7.9	Pass
9400		-4700	4700	1.23	Pass
9538		-4769	4769	-5.79	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	-0.07	Pass
9400		-4700	4700	2.33	Pass
9538		-4769	4769	-1.72	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	-2.02	Pass
9400		-4700	4700	-3.91	Pass
9538		-4769	4769	13.77	Pass

1.8 WCDMA Frequency Stability_Part22-24-27(45 Degree)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	4.19	Pass
9400		-4700	4700	0.37	Pass
9538		-4769	4769	-3.04	Pass

1.9 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	8.59	Pass
9400		-4700	4700	-3	Pass
9538		-4769	4769	-2.33	Pass

1.10 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	4.23	Pass
9400		-4700	4700	-2.3	Pass
9538		-4769	4769	0.28	Pass

2. WCDMA_Band4

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	-9.19	Pass
1412		-4331	4331	2.57	Pass
1513		-4381.5	4381.5	-1.97	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	4.06	Pass
1412		-4331	4331	0.2	Pass
1513		-4381.5	4381.5	-2	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	1.61	Pass
1412		-4331	4331	7.35	Pass
1513		-4381.5	4381.5	-7.6	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	-7.2	Pass
1412		-4331	4331	-0.1	Pass
1513		-4381.5	4381.5	2.58	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	3.33	Pass
1412		-4331	4331	-2.15	Pass
1513		-4381.5	4381.5	1.07	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	2.98	Pass
1412		-4331	4331	0.14	Pass
1513		-4381.5	4381.5	-0.45	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	-0.91	Pass
1412		-4331	4331	1.87	Pass
1513		-4381.5	4381.5	1.76	Pass

2.8 WCDMA Frequency Stability_Part22-24-27(45 Degree)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	-3.92	Pass
1412		-4331	4331	0.67	Pass
1513		-4381.5	4381.5	3.73	Pass

2.9 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	-1.44	Pass
1412		-4331	4331	-0.34	Pass
1513		-4381.5	4381.5	-0.67	Pass

2.10 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	-5.47	Pass
1412		-4331	4331	-1.88	Pass
1513		-4381.5	4381.5	-2.83	Pass

3. WCDMA_Band5

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	-0.84	Pass
4182		-2091	2091	0.89	Pass
4233		-2116.5	2116.5	-3.61	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	-0.29	Pass
4182		-2091	2091	0.11	Pass
4233		-2116.5	2116.5	2.35	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	2.79	Pass
4182		-2091	2091	-0.51	Pass
4233		-2116.5	2116.5	-0.99	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	-0.4	Pass
4182		-2091	2091	0.94	Pass
4233		-2116.5	2116.5	2.97	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	2.71	Pass
4182		-2091	2091	-1.19	Pass
4233		-2116.5	2116.5	2.26	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.83	Pass
4182		-2091	2091	-1.18	Pass
4233		-2116.5	2116.5	1.65	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	2.83	Pass
4182		-2091	2091	-1.04	Pass
4233		-2116.5	2116.5	-0.81	Pass

3.8 WCDMA Frequency Stability_Part22-24-27(45 Degree)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	-1.41	Pass
4182		-2091	2091	0.81	Pass
4233		-2116.5	2116.5	-0.53	Pass

3.9 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	2.85	Pass
4182		-2091	2091	0.88	Pass
4233		-2116.5	2116.5	0.11	Pass

3.10 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.18	Pass
4182		-2091	2091	0.21	Pass
4233		-2116.5	2116.5	-1.83	Pass

1. LTE_Band2

1.1 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	-20.59	Pass
18900	10	16QAM	50	0	-4700	4700	-19.56	Pass

1.2 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	-35.98	Pass
18900	10	16QAM	50	0	-4700	4700	-18.47	Pass

1.3 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	-35.75	Pass
18900	10	16QAM	50	0	-4700	4700	0.17	Pass

1.4 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	-24.85	Pass
18900	10	16QAM	50	0	-4700	4700	6.88	Pass

1.5 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	-34.63	Pass
18900	10	16QAM	50	0	-4700	4700	-29.91	Pass

1.6 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	-28.71	Pass
18900	10	16QAM	50	0	-4700	4700	-43.2	Pass

1.7 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	-7.31	Pass
18900	10	16QAM	50	0	-4700	4700	-21.07	Pass

1.8 LTE Frequency Stability_Part22-24-27(45 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	-44.07	Pass
18900	10	16QAM	50	0	-4700	4700	-10.19	Pass

1.9 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	-21.43	Pass
18900	10	16QAM	50	0	-4700	4700	-28.72	Pass

1.10 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	-21.04	Pass
18900	10	16QAM	50	0	-4700	4700	-31.66	Pass

2. LTE_Band4

2.1 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	-25.65	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-33.16	Pass

2.2 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	-10.91	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-16.35	Pass

2.3 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	-5.09	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-23.96	Pass

2.4 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	-1.1	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-20.54	Pass

2.5 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	-32.24	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-7.07	Pass

2.6 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	-12.23	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-20.69	Pass

2.7 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	-28.31	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-38.31	Pass

2.8 LTE Frequency Stability_Part22-24-27(45 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	8.58	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-0.94	Pass

2.9 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	-5.74	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-34.96	Pass

2.10 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	-37.21	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-39.68	Pass

3. LTE_Band5

3.1 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	-28.74	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-25.59	Pass

3.2 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	-26.54	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-26.82	Pass

3.3 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	-29.77	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-31.89	Pass

3.4 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	-43.8	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-1.56	Pass

3.5 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	-12.07	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-12.46	Pass

3.6 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	-27.64	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-31.47	Pass

3.7 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	-45.3	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-48.57	Pass

3.8 LTE Frequency Stability_Part22-24-27(45 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	-12.32	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-15.51	Pass

3.9 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	-27.89	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-28.32	Pass

3.10 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	-34.82	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-39.35	Pass

4. LTE_Band7

4.1 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	-27.07	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-18.55	Pass

4.2 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	27.02	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	15.99	Pass

4.3 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	15.55	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	8.34	Pass

4.4 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	-33.7	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-45.28	Pass

4.5 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	-10	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-15.46	Pass

4.6 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	6.72	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-0.89	Pass

4.7 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	14.16	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-27.34	Pass

4.8 LTE Frequency Stability_Part22-24-27(45 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	-20.89	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-24.28	Pass

4.9 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	18.42	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	14	Pass

4.10 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	46.33	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	33.13	Pass

5. LTE_Band12

5.1 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	-1.86	Pass

5.2 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	9.04	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	11.06	Pass

5.3 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	11.07	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	11.63	Pass

5.4 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	7.15	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	5.88	Pass

5.5 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	-5.49	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-8.13	Pass

5.6 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	-15.28	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-19.17	Pass

5.7 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	-23.75	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-28.3	Pass

5.8 LTE Frequency Stability_Part22-24-27(45 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	-39.88	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-39.2	Pass

5.9 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	-17.82	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-3.81	Pass

5.10 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	-10.14	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-12.19	Pass

6. LTE_Band17

6.1 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	-5.76	Pass
23790	10	16QAM	50	0	-1775	1775	-8.57	Pass

6.2 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	-38.34	Pass
23790	10	16QAM	50	0	-1775	1775	-40.07	Pass

6.3 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	4.82	Pass
23790	10	16QAM	50	0	-1775	1775	10.47	Pass

6.4 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	10.67	Pass
23790	10	16QAM	50	0	-1775	1775	10.57	Pass

6.5 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	6.48	Pass
23790	10	16QAM	50	0	-1775	1775	6.95	Pass

6.6 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	-2.26	Pass
23790	10	16QAM	50	0	-1775	1775	-8.01	Pass

6.7 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	-9.78	Pass
23790	10	16QAM	50	0	-1775	1775	-10.89	Pass

6.8 LTE Frequency Stability_Part22-24-27(45 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	-17.42	Pass
23790	10	16QAM	50	0	-1775	1775	-17.31	Pass

6.9 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	-20.48	Pass
23790	10	16QAM	50	0	-1775	1775	-20.27	Pass

6.10 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	-24.55	Pass
23790	10	16QAM	50	0	-1775	1775	-25.52	Pass

7. LTE_Band26(part22)

7.1 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	-0.72	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-3.86	Pass

7.2 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	5.58	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	8.21	Pass

7.3 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	9.78	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	10.6	Pass

7.4 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	6.01	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	10.81	Pass

7.5 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	1.8	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	4.73	Pass

7.6 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	-2.43	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-2.52	Pass

7.7 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	-10.3	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-13	Pass

7.8 LTE Frequency Stability_Part22-24-27(45 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	-19.23	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-21.44	Pass

7.9 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	-32.47	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-32.54	Pass

7.10 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	-38.55	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-39.97	Pass

8. LTE_Band66

8.1 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	-15.58	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-22.43	Pass

8.2 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	-7.35	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-9.86	Pass

8.3 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	-23.98	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-31.46	Pass

8.4 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	-24.2	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-21.99	Pass

8.5 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	-1.76	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-6.71	Pass

8.6 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	-20.6	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-24.13	Pass

8.7 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	-8.11	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-12.35	Pass

8.8 LTE Frequency Stability_Part22-24-27(45 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	-34.89	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-8.6	Pass

8.9 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	-23.16	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-23.17	Pass

8.10 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	-35.1	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-38.94	Pass

9. LTE_Band38

9.1 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	7.68	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	17.35	Pass

9.2 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	36.84	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	20.74	Pass

9.3 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	33.13	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	6.11	Pass

9.4 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	36.38	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	13.83	Pass

9.5 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	28.85	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	31.69	Pass

9.6 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	28.5	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	37.15	Pass

9.7 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	-32.27	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-30.28	Pass

9.8 LTE Frequency Stability_Part22-24-27(45 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	-6.11	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	40.81	Pass

9.9 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	27.32	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	19.53	Pass

9.10 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	32.2	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	15.75	Pass

10. LTE_Band41

10.1 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
40640	10	QPSK	50	0	-6487.5	6487.5	36.03	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	16.14	Pass

10.2 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
40640	10	QPSK	50	0	-6487.5	6487.5	-7.2	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	1.9	Pass

10.3 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
40640	10	QPSK	50	0	-6487.5	6487.5	-2.09	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	14.08	Pass

10.4 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
40640	10	QPSK	50	0	-6487.5	6487.5	-4.22	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	19.27	Pass

10.5 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
40640	10	QPSK	50	0	-6487.5	6487.5	25.68	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	43.19	Pass

10.6 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
40640	10	QPSK	50	0	-6487.5	6487.5	15.98	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	19.44	Pass

10.7 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
40640	10	QPSK	50	0	-6487.5	6487.5	23.89	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	37.57	Pass

10.8 LTE Frequency Stability_Part22-24-27(45 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40640	10	QPSK	50	0	-6487.5	6487.5	36.26	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	19.21	Pass

10.9 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
40640	10	QPSK	50	0	-6487.5	6487.5	21.86	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	36.28	Pass

10.10 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
40640	10	QPSK	50	0	-6487.5	6487.5	26.28	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	13.58	Pass

1. LTE_Band26(part90)

1.1 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	-6.79	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-7.58	Pass

1.2 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	-21.37	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-25.94	Pass

1.3 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	-16.14	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-24.16	Pass

1.4 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	-20.77	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-27.01	Pass

1.5 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	-25.96	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-32.76	Pass

1.6 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	-11.77	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-22.57	Pass

1.7 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	-45.23	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-2.03	Pass

1.8 LTE Frequency Stability_Part90(45 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	-33	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-37.98	Pass

1.9 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	-14.72	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-19.15	Pass

1.10 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	-46.49	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-2.17	Pass