

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	0	17.43	±2060.5	14.66	±2091.5	21.24	±2122	Pass
	+10	16.59		21.6		17.14		
	+20	18.37		15.72		19.18		
	+25	14.43		13.33		16.59		
	+30	14.69		17.66		16.5		
	+40	11.56		14.5		13.46		
	+45	14.88		17.63		24.76		
4.4	+25	15.95		16.59		14.11		
3.6	+25	8.81		18.82		13.56		

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	0	14.59	±4625.5	23.15	±4700.0	24.67	±4774.5	Pass
	+10	17.31		19.11		20.05		
	+20	22.08		20.28		17.08		
	+25	20.34		21.08		19.95		
	+30	20.28		14.01		23.79		
	+40	18.76		24.28		19.18		
	+45	16.59		16.89		19.34		
4.4	+25	16.92		19.08		25.83		
3.6	+25	22.28		16.53		24.09		

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	0	22.5	±2060.5	23.54	±2091.5	24.12	±2122	Pass
	+10	23.34		24.7		24.28		
	+20	22.02		23.44		23.96		
	+25	22.92		23.08		25.09		
	+30	23.7		23.79		24.47		
	+40	23.99		21.99		26.22		
	+45	23.7		24.57		26.57		
4.4	+25	23.54		26.7		26.28		
3.6	+25	23.44		24.57		25.57		

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	0	25.31	±4625.5	27.38	±4700.0	29.8	±4774.5	Pass
	+10	25.93		24.96		27.73		
	+20	24.34		26.44		26.96		
	+25	25.67		27.41		27.15		
	+30	27.73		28.15		26.18		
	+40	27.64		28.12		29.57		
	+45	24.73		28.61		27.8		
4.4	+25	27.28		25.93		28.06		
3.6	+25	27.54		27.83		27.38		

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	0	27.12	±2060.5	28.64	±2091.5	25.96	±2122	Pass
	+10	28.86		31.35		28.77		
	+20	29.28		28.77		27.93		
	+25	29.64		29.06		27.22		
	+30	28.83		29.83		28.38		
	+40	27.86		27.89		28.73		
	+45	29.77		29.41		26.38		
4.4	+25	28.02		30.32		26.89		
3.6	+25	27.6		28.44		26.41		

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	0	28.77	±4625.5	30.67	±4700.0	27.57	±4774.5	Pass
	+10	24.54		24.86		26.41		
	+20	25.6		27.99		29.96		
	+25	28.41		26.51		28.12		
	+30	24.92		25.47		28.54		
	+40	27.06		27.6		28.44		
	+45	28.09		29.35		28.12		
4.4	+25	30.57		28.9		28.31		
3.6	+25	33.19		29.09		29.48		

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	0	0.04	±4631	-1.34	±4700	-2.74	±4769	Pass
	+10	-0.93		-1.83		-2.99		
	+20	0.08		-1.42		-2.62		
	+25	-0.87		-1.75		-2.5		
	+30	-0.39		-1.76		-2.76		
	+40	-0.48		-1.09		-2.8		
	+45	-0.19		-1.17		-2.92		
4.4	+25	-0.41		-1.57		-2.47		
3.6	+25	-1.01		-1.75		-2.07		

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	0	6.68	±4281	-0.33	±4331	-8.29	±4381.5	Pass
	+10	7.19		-0.1		-7.72		
	+20	6.63		-1.28		-8.23		
	+25	6.24		0.09		-7.14		
	+30	5.38		-0.16		-7.65		
	+40	5.45		-1.12		-7		
	+45	5.87		-0.69		-7		
4.4	+25	1.73		-0.79		-1.85		
3.6	+25	0.97		-1.09		-2.53		

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	0	1.42	±2066	0.26	±2091	-0.84	±2116.5	Pass
	+10	1.05		0.04		-0.51		
	+20	0.36		0.22		-0.27		
	+25	0.78		0.42		-0.17		
	+30	0.85		-0.29		-0.38		
	+40	0.46		-0.3		-0.05		
	+45	0.54		-0.05		-0.35		
4.4	+25	0.72		0.35		0.29		
3.6	+25	0.32		0.02		-0.16		

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	0	0.03	±4700	Pass
	+10	0.04		
	+20	1.04		
	+25	0		
	+30	0.3		
	+40	-0.26		
	+45	0		
4.4	+25	-0.74		
3.6	+25	0.67		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	0.13	±4700	Pass
	+10	0.27		
	+20	0.33		
	+25	1.09		
	+30	-0.17		
	+40	0.63		
	+45	0.1		
4.4	+25	-0.09		
3.6	+25	-0.33		

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	0	-1.22	±4331.25	Pass
	+10	-0.31		
	+20	-0.84		
	+25	-1.26		
	+30	-1.86		
	+40	-1.26		
	+45	-1.33		
4.4	+25	-1.03	±4331.25	Pass
3.6	+25	-0.97		

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	0	-0.21	±4331.25	Pass
	+10	-0.11		
	+20	-1.27		
	+25	-1.59		
	+30	-0.74		
	+40	-0.76		
	+45	-0.79		
4.4	+25	-1.44	±4331.25	Pass
3.6	+25	-1.1		

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	0	-0.16	±2091.25	Pass
	+10	0.6		
	+20	-0.74		
	+25	0.16		
	+30	-0.92		
	+40	0.39		
	+45	0.06		
4.4	+25	0.43	±2091.25	Pass
3.6	+25	-0.44		

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	0	-0.17	±2091.25	Pass
	+10	-0.82		
	+20	-0.4		
	+25	-0.82		
	+30	-0.63		
	+40	-0.63		
	+45	-0.5		
4.4	+25	-0.73	±2091.25	Pass
3.6	+25	-0.6		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	0.59	±6337.5	Pass
	+10	1.33		
	+20	1.69		
	+25	0.13		
	+30	1.72		
	+40	1.02		
	+45	0.11		
4.4	+25	1.26	±6337.5	Pass
3.6	+25	1.57		

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	0	0.23	±6337.5	Pass
	+10	0.67		
	+20	1.82		
	+25	0.53		
	+30	-0.06		
	+40	1.34		
	+45	-0.5		
4.4	+25	0.47	±6337.5	Pass
3.6	+25	1.22		

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	0	0.29	±1768.75	Pass
	+10	-0.1		
	+20	0.9		
	+25	-0.34		
	+30	-0.4		
	+40	-0.36		
	+45	-0.01		
4.4	+25	-0.56	±1768.75	Pass
3.6	+25	0.33		

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	0	-0.47	±1768.75	Pass
	+10	-0.79		
	+20	-0.03		
	+25	-0.24		
	+30	-0.14		
	+40	-0.6		
	+45	-0.46		
4.4	+25	-0.62	±1768.75	Pass
3.6	+25	0.2		

LTE Band 13 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-0.84	±1955	Pass
	+10	0.79		
	+20	0.44		
	+25	-0.1		
	+30	-0.97		
	+40	0.24		
	+45	-0.39		
4.4	+25	-0.6	±1955	Pass
3.6	+25	-0.2		

LTE Band 13 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-0.29	±1955	Pass
	+10	-0.1		
	+20	-0.74		
	+25	-0.66		
	+30	-0.1		
	+40	0.01		
	+45	-0.11		
4.4	+25	-0.39	±1955	Pass
3.6	+25	-0.49		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-0.74	±1775	Pass
	+10	-0.69		
	+20	-0.74		
	+25	0.03		
	+30	0.5		
	+40	-0.23		
	+45	-0.72		
4.4	+25	0.23	±1775	Pass
3.6	+25	-0.82		

LTE Band 17 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-0.99	±1775	Pass
	+10	-0.33		
	+20	0.11		
	+25	0.06		
	+30	0.03		
	+40	-0.04		
	+45	-0.24		
4.4	+25	-0.33	±1775	Pass
3.6	+25	-0.44		

LTE Band 19 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 837.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	0.27	±2093.75	Pass
	+10	0.47		
	+20	-0.63		
	+25	0.43		
	+30	-1.03		
	+40	0.1		
	+45	1.36		
4.4	+25	0.2	±2093.75	Pass
3.6	+25	0.74		

LTE Band 19 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 837.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-0.26	±2093.75	Pass
	+10	0.37		
	+20	-0.13		
	+25	-0.01		
	+30	-0.74		
	+40	0.6		
	+45	0.62		
4.4	+25	0.31	±2093.75	Pass
3.6	+25	-0.07		

LTE Band 25 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1882.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	0.9	±1775	Pass
	+10	0.77		
	+20	1.1		
	+25	-1		
	+30	-0.67		
	+40	-1.04		
	+45	1.24		
4.4	+25	-1.06	±1775	Pass
3.6	+25	0.74		

LTE Band 25 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1882.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	0.4	±1775	Pass
	+10	-0.39		
	+20	0.73		
	+25	-0.64		
	+30	-0.37		
	+40	-0.14		
	+45	0.33		
4.4	+25	0.44	±1775	Pass
3.6	+25	1.22		

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	0	-1.16	±2091.25	Pass
	+10	-0.2		
	+20	-0.83		
	+25	-0.53		
	+30	0.1		
	+40	-0.69		
	+45	-0.72		
4.4	+25	-0.54	±2091.25	Pass
3.6	+25	-0.93		

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	0	-0.74	±2091.25	Pass
	+10	0.07		
	+20	0.04		
	+25	-0.8		
	+30	-0.01		
	+40	-0.47		
	+45	-0.13		
4.4	+25	-0.09	±2091.25	Pass
3.6	+25	-0.49		

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	0	1.56	±2047.5	Pass
	+10	2.39		
	+20	2.03		
	+25	2.57		
	+30	1.33		
	+40	0.84		
	+45	0.84		
4.4	+25	0.26	±2047.5	Pass
3.6	+25	0.84		

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	0	1.44	±2047.5	Pass
	+10	1		
	+20	3.1		
	+25	1.87		
	+30	0.86		
	+40	1.24		
	+45	1.02		
4.4	+25	0.96	±2047.5	Pass
3.6	+25	0.8		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-2.57	±6487.5	Pass
	+10	-1.4		
	+20	-2.92		
	+25	-1.79		
	+30	-1.46		
	+40	-2.86		
	+45	-2.39		
4.4	+25	-1.36	±6487.5	Pass
3.6	+25	-2.56		

LTE Band 38 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-2.23	±6487.5	Pass
	+10	-1.66		
	+20	-1.67		
	+25	-2.16		
	+30	-1.62		
	+40	-1.76		
	+45	-1.93		
4.4	+25	-2.29	±6487.5	Pass
3.6	+25	-2.09		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-2.43	±6482.5	Pass
	+10	-3.75		
	+20	-2.15		
	+25	-1.97		
	+30	-2.7		
	+40	-2.96		
	+45	-2.59		
4.4	+25	-4.13	±6482.5	Pass
3.6	+25	-3.93		

LTE Band 41 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-2.1	±6482.5	Pass
	+10	-3.05		
	+20	-2.06		
	+25	-2.85		
	+30	-2.72		
	+40	-2.83		
	+45	-2.99		
4.4	+25	-3.83	±6482.5	Pass
3.6	+25	-3.48		

LTE Band 42 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3500 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-1.33	±8750	Pass
	+10	-1.14		
	+20	0.7		
	+25	-0.64		
	+30	-0.07		
	+40	-0.49		
	+45	-0.1		
4.4	+25	-0.31	±8750	Pass
3.6	+25	-0.27		

LTE Band 42 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3500 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-0.77	±8750	Pass
	+10	-0.3		
	+20	-0.87		
	+25	-0.57		
	+30	-0.51		
	+40	-0.27		
	+45	0.73		
4.4	+25	-1.32	±8750	Pass
3.6	+25	-0.3		

LTE Band 43 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3750 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-0.49	±9375	Pass
	+10	0.34		
	+20	-1.17		
	+25	-0.77		
	+30	-1.14		
	+40	-1.95		
	+45	-0.6		
4.4	+25	-0.41	±9375	Pass
3.6	+25	0.13		

LTE Band 43 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3750 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	0.87	±9375	Pass
	+10	-0.64		
	+20	-1.79		
	+25	-0.33		
	+30	-0.63		
	+40	-0.43		
	+45	-0.79		
4.4	+25	-0.4	±9375	Pass
3.6	+25	-1.4		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	0.72	±4362.5	Pass
	+10	-0.63		
	+20	-0.44		
	+25	0.62		
	+30	-0.39		
	+40	-1.39		
	+45	-0.73		
4.4	+25	-0.39	±4362.5	Pass
3.6	+25	-0.49		

LTE Band 66 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-0.34	±4362.5	Pass
	+10	-0.73		
	+20	0.27		
	+25	-0.49		
	+30	-1.34		
	+40	-0.11		
	+45	0.23		
4.4	+25	0.03	±4362.5	Pass
3.6	+25	-0.11		

LTE Band 71 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 680.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-0.07	±1701.25	Pass
	+10	0.4		
	+20	0.3		
	+25	0.83		
	+30	0.34		
	+40	0.13		
	+45	0.46		
4.4	+25	0.17	±1701.25	Pass
3.6	+25	0.74		

LTE Band 71 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 680.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	0.24	±1701.25	Pass
	+10	0.01		
	+20	0.57		
	+25	0.9		
	+30	-0.17		
	+40	0.6		
	+45	0.82		
4.4	+25	0.17	±1701.25	Pass
3.6	+25	-0.06		

NR

NR Band n2 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-5.08	±4700	Pass
	+10	-3.05		
	+20	-4.4		
	+25	-4.57		
	+30	-4.99		
	+40	-4.57		
	+45	-5.23		
4.4	+25	-5.11	±4700	Pass
3.6	+25	-4.56		

NR Band n5 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-3.55	±2091.25	Pass
	+10	-1.85		
	+20	-4.35		
	+25	-3.92		
	+30	-3.19		
	+40	-4.86		
	+45	-4.77		
4.4	+25	-3.98	±2091.25	Pass
3.6	+25	-4.01		

NR Band n7 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-7.89	±6337.5	Pass
	+10	-9.02		
	+20	-6.48		
	+25	-11.26		
	+30	-10.12		
	+40	-11.18		
	+45	-6.01		
4.4	+25	-5.26	±6337.5	Pass
3.6	+25	-6.11		

NR Band n25 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1882.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-4.3	±4706.25	Pass
	+10	-4.67		
	+20	-4.35		
	+25	-6.52		
	+30	-5.92		
	+40	-5.9		
	+45	-5.81		
4.4	+25	-5.76	±4706.25	Pass
3.6	+25	-5.61		

NR Band n38 QPSK 30 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-10.89	±6487.5	Pass
	+10	-13.07		
	+20	-13.68		
	+25	-11.3		
	+30	-10.69		
	+40	-11.17		
	+45	-13.42		
4.4	+25	-17.79	±6487.5	Pass
3.6	+25	-14.85		

NR Band n41 QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.99 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-7.72	±6482.48	Pass
	+10	-11.02		
	+20	-11.63		
	+25	-13.65		
	+30	-11.57		
	+40	-16.56		
	+45	-13.47		
4.4	+25	-11.68	±6482.48	Pass
3.6	+25	-13.01		

NR Band n66 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-4.78	±4362.5	Pass
	+10	-5.01		
	+20	-5.74		
	+25	-5.65		
	+30	-4.16		
	+40	-4.68		
	+45	-5.18		
4.4	+25	-5.13	±4362.5	Pass
3.6	+25	-3.83		

NR Band n71 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 680.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-8.86	±1701.25	Pass
	+10	-8.43		
	+20	-9.28		
	+25	-9.7		
	+30	-8.24		
	+40	-9.58		
	+45	-9.64		
4.4	+25	-9.57	±1701.25	Pass
3.6	+25	-9.13		

NR Band n77 (3450-3500) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3499.98 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-8.39	8749.95	Pass
	+10	-5.97		
	+20	-5.05		
	+25	-7.13		
	+30	-8.91		
	+40	-9.35		
	+45	-5.23		
4.4	+25	-4.37	8749.95	Pass
3.6	+25	-13.89		

NR Band n77 (3700-3980 MHz) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3840 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-2	±9600	Pass
	+10	0.3		
	+20	0.27		
	+25	-6.02		
	+30	-2.47		
	+40	1.86		
	+45	-8.49		
4.4	+25	-3.09	±9600	Pass
3.6	+25	3.54		

NR Band n78 (3450-3550 MHz) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3499.98 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-8.06	±8749.95	Pass
	+10	-3.54		
	+20	-6.92		
	+25	-2.74		
	+30	-5.93		
	+40	-5.15		
	+45	-5.19		
4.4	+25	-6.33		
3.6	+25	-6.68		

NR Band n78 (3700-3800 MHz) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3750 MHz		
		Value(Hz)	Limits (Hz)	
3.8	0	-2.64	±9375	Pass
	+10	3.74		
	+20	-1.82		
	+25	9.27		
	+30	4.5		
	+40	3.77		
	+45	-1.91		
4.4	+25	-0.95		
3.6	+25	-0.15		

1. GSM_GSM850

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	17.43	-2060.5	2060.5	Pass
190	5	Static	14.66	-2091.5	2091.5	Pass
251	5	Static	21.24	-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	16.59	-2060.5	2060.5	Pass
190	5	Static	21.6	-2091.5	2091.5	Pass
251	5	Static	17.14	-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	18.37	-2060.5	2060.5	Pass
190	5	Static	15.72	-2091.5	2091.5	Pass
251	5	Static	19.18	-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	14.43	-2060.5	2060.5	Pass
190	5	Static	13.33	-2091.5	2091.5	Pass
251	5	Static	16.59	-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	14.69	-2060.5	2060.5	Pass
190	5	Static	17.66	-2091.5	2091.5	Pass
251	5	Static	16.5	-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	11.56	-2060.5	2060.5	Pass
190	5	Static	14.5	-2091.5	2091.5	Pass
251	5	Static	13.46	-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	14.88	-2060.5	2060.5	Pass
190	5	Static	17.63	-2091.5	2091.5	Pass
251	5	Static	24.76	-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	15.95	-2060.5	2060.5	Pass
190	5	Static	16.59	-2091.5	2091.5	Pass
251	5	Static	14.11	-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	8.81	-2060.5	2060.5	Pass
190	5	Static	18.82	-2091.5	2091.5	Pass
251	5	Static	13.56	-2122	2122	Pass

2. GSM_PCS

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	14.59	-4625.5	4625.5	Pass
661	0	Static	23.15	-4700	4700	Pass
810	0	Static	24.67	-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	17.31	-4625.5	4625.5	Pass
661	0	Static	19.11	-4700	4700	Pass
810	0	Static	20.05	-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	22.08	-4625.5	4625.5	Pass
661	0	Static	20.28	-4700	4700	Pass
810	0	Static	17.08	-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	20.34	-4625.5	4625.5	Pass
661	0	Static	21.08	-4700	4700	Pass
810	0	Static	19.95	-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	20.28	-4625.5	4625.5	Pass
661	0	Static	14.01	-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	18.76	-4625.5	4625.5	Pass
661	0	Static	24.28	-4700	4700	Pass
810	0	Static	19.18	-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	16.59	-4625.5	4625.5	Pass
661	0	Static	16.89	-4700	4700	Pass
810	0	Static	19.34	-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	16.92	-4625.5	4625.5	Pass
661	0	Static	19.08	-4700	4700	Pass
810	0	Static	25.83	-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	22.28	-4625.5	4625.5	Pass
661	0	Static	16.53	-4700	4700	Pass
810	0	Static	24.09	-4774.5	4774.5	Pass

1. GPRS_GSM850

1.1 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	22.5	-2060.5	2060.5	Pass
190	5	Static	23.54	-2091.5	2091.5	Pass
251	5	Static	24.12	-2122	2122	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
128	5	Static	23.34	-2060.5	2060.5	Pass
190	5	Static	24.7	-2091.5	2091.5	Pass
251	5	Static	24.28	-2122	2122	Pass

1.3 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	22.02	-2060.5	2060.5	Pass
190	5	Static	23.44	-2091.5	2091.5	Pass
251	5	Static	23.96	-2122	2122	Pass

1.4 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	22.92	-2060.5	2060.5	Pass
190	5	Static	23.08	-2091.5	2091.5	Pass
251	5	Static	25.09	-2122	2122	Pass

1.5 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	23.7	-2060.5	2060.5	Pass
190	5	Static	23.79	-2091.5	2091.5	Pass
251	5	Static	24.47	-2122	2122	Pass

1.6 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	23.99	-2060.5	2060.5	Pass
190	5	Static	21.99	-2091.5	2091.5	Pass
251	5	Static	26.22	-2122	2122	Pass

1.7 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	23.7	-2060.5	2060.5	Pass
190	5	Static	24.57	-2091.5	2091.5	Pass
251	5	Static	26.57	-2122	2122	Pass

1.8 GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	23.54	-2060.5	2060.5	Pass
190	5	Static	26.7	-2091.5	2091.5	Pass
251	5	Static	26.28	-2122	2122	Pass

1.9 GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	23.44	-2060.5	2060.5	Pass
190	5	Static	24.57	-2091.5	2091.5	Pass
251	5	Static	25.57	-2122	2122	Pass

2. GPRS_PCS

2.1 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	25.31	-4625.5	4625.5	Pass
661	0	Static	27.38	-4700	4700	Pass
810	0	Static	29.8	-4774.5	4774.5	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
512	0	Static	25.93	-4625.5	4625.5	Pass
661	0	Static	24.96	-4700	4700	Pass
810	0	Static	27.73	-4774.5	4774.5	Pass

2.3 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	24.34	-4625.5	4625.5	Pass
661	0	Static	26.44	-4700	4700	Pass
810	0	Static	26.96	-4774.5	4774.5	Pass

2.4 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	25.67	-4625.5	4625.5	Pass
661	0	Static	27.41	-4700	4700	Pass
810	0	Static	27.15	-4774.5	4774.5	Pass

2.5 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	27.73	-4625.5	4625.5	Pass
661	0	Static	28.15	-4700	4700	Pass
810	0	Static	26.18	-4774.5	4774.5	Pass

2.6 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	27.64	-4625.5	4625.5	Pass
661	0	Static	28.12	-4700	4700	Pass
810	0	Static	29.57	-4774.5	4774.5	Pass

2.7 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	24.73	-4625.5	4625.5	Pass
661	0	Static	28.61	-4700	4700	Pass
810	0	Static	27.8	-4774.5	4774.5	Pass

2.8 GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	27.28	-4625.5	4625.5	Pass
661	0	Static	25.93	-4700	4700	Pass
810	0	Static	28.06	-4774.5	4774.5	Pass

2.9 GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	27.54	-4625.5	4625.5	Pass
661	0	Static	27.83	-4700	4700	Pass
810	0	Static	27.38	-4774.5	4774.5	Pass

1. EGPRS_GSM850

1.1 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	27.12	-2060.5	2060.5	Pass
190	8	Static	28.64	-2091.5	2091.5	Pass
251	8	Static	25.96	-2122	2122	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
128	8	Static	28.86	-2060.5	2060.5	Pass
190	8	Static	31.35	-2091.5	2091.5	Pass
251	8	Static	28.77	-2122	2122	Pass

1.3 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	29.28	-2060.5	2060.5	Pass
190	8	Static	28.77	-2091.5	2091.5	Pass
251	8	Static	27.93	-2122	2122	Pass

1.4 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	29.64	-2060.5	2060.5	Pass
190	8	Static	29.06	-2091.5	2091.5	Pass
251	8	Static	27.22	-2122	2122	Pass

1.5 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	28.83	-2060.5	2060.5	Pass
190	8	Static	29.83	-2091.5	2091.5	Pass
251	8	Static	28.38	-2122	2122	Pass

1.6 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	27.86	-2060.5	2060.5	Pass
190	8	Static	27.89	-2091.5	2091.5	Pass
251	8	Static	28.73	-2122	2122	Pass

1.7 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	29.77	-2060.5	2060.5	Pass
190	8	Static	29.41	-2091.5	2091.5	Pass
251	8	Static	26.38	-2122	2122	Pass

1.8 EGPRS Frequency Stability_Part22-24(NTHV)

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	30.32	-2091.5	2091.5	Pass
251	8	Static	26.89	-2122	2122	Pass

1.9 EGPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	27.6	-2060.5	2060.5	Pass
190	8	Static	28.44	-2091.5	2091.5	Pass
251	8	Static	26.41	-2122	2122	Pass

2. EGPRS_PCS

2.1 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	28.77	-4625.5	4625.5	Pass
661	2	Static	30.67	-4700	4700	Pass
810	2	Static	27.57	-4774.5	4774.5	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
512	2	Static	24.54	-4625.5	4625.5	Pass
661	2	Static	24.86	-4700	4700	Pass
810	2	Static	26.41	-4774.5	4774.5	Pass

2.3 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	25.6	-4625.5	4625.5	Pass
661	2	Static	27.99	-4700	4700	Pass
810	2	Static	29.96	-4774.5	4774.5	Pass

2.4 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	28.41	-4625.5	4625.5	Pass
661	2	Static	26.51	-4700	4700	Pass
810	2	Static	28.12	-4774.5	4774.5	Pass

2.5 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	24.92	-4625.5	4625.5	Pass
661	2	Static	25.47	-4700	4700	Pass
810	2	Static	28.54	-4774.5	4774.5	Pass

2.6 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	27.06	-4625.5	4625.5	Pass
661	2	Static	27.6	-4700	4700	Pass
810	2	Static	28.44	-4774.5	4774.5	Pass

2.7 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	28.09	-4625.5	4625.5	Pass
661	2	Static	29.35	-4700	4700	Pass
810	2	Static	28.12	-4774.5	4774.5	Pass

2.8 EGPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	30.57	-4625.5	4625.5	Pass
661	2	Static	28.9	-4700	4700	Pass
810	2	Static	28.31	-4774.5	4774.5	Pass

2.9 EGPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	33.19	-4625.5	4625.5	Pass
661	2	Static	29.09	-4700	4700	Pass
810	2	Static	29.48	-4774.5	4774.5	Pass

1. WCDMA_Band2

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	0.04	Pass
9400		-4700	4700	-1.34	Pass
9538		-4769	4769	-2.74	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	-0.93	Pass
9400		-4700	4700	-1.83	Pass
9538		-4769	4769	-2.99	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	0.08	Pass
9400		-4700	4700	-1.42	Pass
9538		-4769	4769	-2.62	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	-0.87	Pass
9400		-4700	4700	-1.75	Pass
9538		-4769	4769	-2.5	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	-0.39	Pass
9400		-4700	4700	-1.76	Pass
9538		-4769	4769	-2.76	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	-0.48	Pass
9400		-4700	4700	-1.09	Pass
9538		-4769	4769	-2.8	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	-0.19	Pass
9400		-4700	4700	-1.17	Pass
9538		-4769	4769	-2.92	Pass

1.8 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	-0.41	Pass
9400		-4700	4700	-1.57	Pass
9538		-4769	4769	-2.47	Pass

1.9 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	-1.01	Pass
9400		-4700	4700	-1.75	Pass
9538		-4769	4769	-2.07	Pass

2. WCDMA_Band4

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	6.68	Pass
1412		-4331	4331	-0.33	Pass
1513		-4381.5	4381.5	-8.29	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	7.19	Pass
1412		-4331	4331	-0.1	Pass
1513		-4381.5	4381.5	-7.72	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	6.63	Pass
1412		-4331	4331	-1.28	Pass
1513		-4381.5	4381.5	-8.23	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	6.24	Pass
1412		-4331	4331	0.09	Pass
1513		-4381.5	4381.5	-7.14	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	5.38	Pass
1412		-4331	4331	-0.16	Pass
1513		-4381.5	4381.5	-7.65	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	5.45	Pass
1412		-4331	4331	-1.12	Pass
1513		-4381.5	4381.5	-7	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	5.87	Pass
1412		-4331	4331	-0.69	Pass
1513		-4381.5	4381.5	-7	Pass

2.8 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	1.73	Pass
1412		-4331	4331	-0.79	Pass
1513		-4381.5	4381.5	-1.85	Pass

2.9 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	0.97	Pass
1412		-4331	4331	-1.09	Pass
1513		-4381.5	4381.5	-2.53	Pass

3. WCDMA_Band5

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	1.42	Pass
4182		-2091	2091	0.26	Pass
4233		-2116.5	2116.5	-0.84	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	1.05	Pass
4182		-2091	2091	0.04	Pass
4233		-2116.5	2116.5	-0.51	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.36	Pass
4182		-2091	2091	0.22	Pass
4233		-2116.5	2116.5	-0.27	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.78	Pass
4182		-2091	2091	0.42	Pass
4233		-2116.5	2116.5	-0.17	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.85	Pass
4182		-2091	2091	-0.29	Pass
4233		-2116.5	2116.5	-0.38	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.46	Pass
4182		-2091	2091	-0.3	Pass
4233		-2116.5	2116.5	-0.05	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.54	Pass
4182		-2091	2091	-0.05	Pass
4233		-2116.5	2116.5	-0.35	Pass

3.8 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.72	Pass
4182		-2091	2091	0.35	Pass
4233		-2116.5	2116.5	0.29	Pass

3.9 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.32	Pass
4182		-2091	2091	0.02	Pass
4233		-2116.5	2116.5	-0.16	Pass

1. LTE_Band2

1.4 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	LOW	-4700	4700	0.03	Pass
18900	10	Q16	50	LOW	-4700	4700	0.13	Pass

1.5 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	LOW	-4700	4700	0.04	Pass
18900	10	Q16	50	LOW	-4700	4700	0.27	Pass

1.6 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	LOW	-4700	4700	1.04	Pass
18900	10	Q16	50	LOW	-4700	4700	0.33	Pass

1.7 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	LOW	-4700	4700	0	Pass
18900	10	Q16	50	LOW	-4700	4700	1.09	Pass

1.8 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	LOW	-4700	4700	0.3	Pass
18900	10	Q16	50	LOW	-4700	4700	-0.17	Pass

1.9 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	LOW	-4700	4700	-0.26	Pass
18900	10	Q16	50	LOW	-4700	4700	0.63	Pass

1.10 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	LOW	-4700	4700	0	Pass
18900	10	Q16	50	LOW	-4700	4700	0.1	Pass

1.11 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	LOW	-4700	4700	-0.74	Pass
18900	10	Q16	50	LOW	-4700	4700	-0.09	Pass

1.12 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	LOW	-4700	4700	0.67	Pass
18900	10	Q16	50	LOW	-4700	4700	-0.33	Pass

2. LTE_Band4

2.1 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	LOW	-4331.25	4331.25	-1.22	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.21	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	LOW	-4331.25	4331.25	-0.31	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.11	Pass

2.3 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	LOW	-4331.25	4331.25	-0.84	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-1.27	Pass

2.4 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	LOW	-4331.25	4331.25	-1.26	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-1.59	Pass

2.5 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	LOW	-4331.25	4331.25	-1.86	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.74	Pass

2.6 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	LOW	-4331.25	4331.25	-1.26	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.76	Pass

2.7 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	LOW	-4331.25	4331.25	-1.33	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.79	Pass

2.8 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	LOW	-4331.25	4331.25	-1.03	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-1.44	Pass

2.9 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	LOW	-4331.25	4331.25	-0.97	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-1.1	Pass

3. LTE_Band5

3.1 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	LOW	-2091.25	2091.25	-0.16	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.17	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	LOW	-2091.25	2091.25	0.6	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.82	Pass

3.3 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	LOW	-2091.25	2091.25	-0.74	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.4	Pass

3.4 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	LOW	-2091.25	2091.25	0.16	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.82	Pass

3.5 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	LOW	-2091.25	2091.25	-0.92	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.63	Pass

3.6 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	LOW	-2091.25	2091.25	0.39	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.63	Pass

3.7 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	LOW	-2091.25	2091.25	0.06	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.5	Pass

3.8 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	LOW	-2091.25	2091.25	0.43	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.73	Pass

3.9 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	LOW	-2091.25	2091.25	-0.44	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.6	Pass

4. LTE_Band7

4.1 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	LOW	-6337.5	6337.5	0.59	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	0.23	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	LOW	-6337.5	6337.5	1.33	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	0.67	Pass

4.3 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	LOW	-6337.5	6337.5	1.69	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	1.82	Pass

4.4 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	LOW	-6337.5	6337.5	0.13	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	0.53	Pass

4.5 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	LOW	-6337.5	6337.5	1.72	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-0.06	Pass

4.6 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	LOW	-6337.5	6337.5	1.02	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	1.34	Pass

4.7 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	LOW	-6337.5	6337.5	0.11	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-0.5	Pass

4.8 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	LOW	-6337.5	6337.5	1.26	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	0.47	Pass

4.9 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	LOW	-6337.5	6337.5	1.57	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	1.22	Pass

5. LTE_Band12

5.1 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	LOW	-1768.75	1768.75	0.29	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.47	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	LOW	-1768.75	1768.75	-0.1	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.79	Pass

5.3 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	LOW	-1768.75	1768.75	0.9	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.03	Pass

5.4 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	LOW	-1768.75	1768.75	-0.34	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.24	Pass

5.5 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	LOW	-1768.75	1768.75	-0.4	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.14	Pass

5.6 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	LOW	-1768.75	1768.75	-0.36	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.6	Pass

5.7 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	LOW	-1768.75	1768.75	-0.01	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.46	Pass

5.8 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	LOW	-1768.75	1768.75	-0.56	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.62	Pass

5.9 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	LOW	-1768.75	1768.75	0.33	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	0.2	Pass

6. LTE_Band13

6.1 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	LOW	-1955	1955	-0.84	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.29	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	LOW	-1955	1955	0.79	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.1	Pass

6.3 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	LOW	-1955	1955	0.44	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.74	Pass

6.4 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	LOW	-1955	1955	-0.1	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.66	Pass

6.5 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	LOW	-1955	1955	-0.97	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.1	Pass

6.6 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	LOW	-1955	1955	0.24	Pass
23230	10	Q16	50	LOW	-1955	1955	0.01	Pass

6.7 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
23230	10	QPSK	50	LOW	-1955	1955	-0.39	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.11	Pass

6.8 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	LOW	-1955	1955	-0.6	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.39	Pass

6.9 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	LOW	-1955	1955	-0.2	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.49	Pass

7. LTE_Band17

7.1 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	LOW	-1775	1775	-0.74	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.99	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	LOW	-1775	1775	-0.69	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.33	Pass

7.3 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	LOW	-1775	1775	-0.74	Pass
23790	10	Q16	50	LOW	-1775	1775	0.11	Pass

7.4 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	LOW	-1775	1775	0.03	Pass
23790	10	Q16	50	LOW	-1775	1775	0.06	Pass

7.5 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	LOW	-1775	1775	0.5	Pass
23790	10	Q16	50	LOW	-1775	1775	0.03	Pass

7.6 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	LOW	-1775	1775	-0.23	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.04	Pass

7.7 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	LOW	-1775	1775	-0.72	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.24	Pass

7.8 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	LOW	-1775	1775	0.23	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.33	Pass

7.9 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	LOW	-1775	1775	-0.82	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.44	Pass

8. LTE_Band19

8.1 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
24075	10	QPSK	50	LOW	-2093.75	2093.75	0.27	Pass
24075	10	Q16	50	LOW	-2093.75	2093.75	-0.26	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
24075	10	QPSK	50	LOW	-2093.75	2093.75	0.47	Pass
24075	10	Q16	50	LOW	-2093.75	2093.75	0.37	Pass

8.3 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
24075	10	QPSK	50	LOW	-2093.75	2093.75	-0.63	Pass
24075	10	Q16	50	LOW	-2093.75	2093.75	-0.13	Pass

8.4 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
24075	10	QPSK	50	LOW	-2093.75	2093.75	0.43	Pass
24075	10	Q16	50	LOW	-2093.75	2093.75	-0.01	Pass

8.5 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
24075	10	QPSK	50	LOW	-2093.75	2093.75	-1.03	Pass
24075	10	Q16	50	LOW	-2093.75	2093.75	-0.74	Pass

8.6 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
24075	10	QPSK	50	LOW	-2093.75	2093.75	0.1	Pass
24075	10	Q16	50	LOW	-2093.75	2093.75	0.6	Pass

8.7 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
24075	10	QPSK	50	LOW	-2093.75	2093.75	1.36	Pass
24075	10	Q16	50	LOW	-2093.75	2093.75	0.62	Pass

8.8 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
24075	10	QPSK	50	LOW	-2093.75	2093.75	0.2	Pass
24075	10	Q16	50	LOW	-2093.75	2093.75	0.31	Pass

8.9 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
24075	10	QPSK	50	LOW	-2093.75	2093.75	0.74	Pass
24075	10	Q16	50	LOW	-2093.75	2093.75	-0.07	Pass

9. LTE_Band25

9.1 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	0.9	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	0.4	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
26365	10	QPSK	50	LOW	-4706.25	4706.25	0.77	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-0.39	Pass

9.3 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	1.1	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	0.73	Pass

9.4 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	-1	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-0.64	Pass

9.5 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	-0.67	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-0.37	Pass

9.6 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	-1.04	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-0.14	Pass

9.7 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	1.24	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	0.33	Pass

9.8 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	-1.06	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	0.44	Pass

9.9 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	0.74	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	1.22	Pass

10. LTE_Band26(part22)

10.1 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	LOW	-2091.25	2091.25	-1.16	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.74	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
26915	10	QPSK	50	LOW	-2091.25	2091.25	-0.2	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	0.07	Pass

10.3 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	LOW	-2091.25	2091.25	-0.83	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	0.04	Pass

10.4 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	LOW	-2091.25	2091.25	-0.53	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.8	Pass

10.5 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	LOW	-2091.25	2091.25	0.1	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.01	Pass

10.6 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	LOW	-2091.25	2091.25	-0.69	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.47	Pass

10.7 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	LOW	-2091.25	2091.25	-0.72	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.13	Pass

10.8 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	LOW	-2091.25	2091.25	-0.54	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.09	Pass

10.9 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	LOW	-2091.25	2091.25	-0.93	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.49	Pass

1. LTE_Band26(part90)

1.1 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	LOW	-2047.5	2047.5	1.56	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	1.44	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	LOW	-2047.5	2047.5	2.39	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	1	Pass

1.3 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	LOW	-2047.5	2047.5	2.03	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	3.1	Pass

1.4 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	LOW	-2047.5	2047.5	2.57	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	1.87	Pass

1.5 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	LOW	-2047.5	2047.5	1.33	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	0.86	Pass

1.6 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	LOW	-2047.5	2047.5	0.84	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	1.24	Pass

1.7 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	LOW	-2047.5	2047.5	0.84	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	1.02	Pass

1.8 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	LOW	-2047.5	2047.5	0.26	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	0.96	Pass

1.9 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	LOW	-2047.5	2047.5	0.84	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	0.8	Pass

11. LTE_Band66

11.1 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	LOW	-4362.5	4362.5	0.72	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.34	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
132322	10	QPSK	50	LOW	-4362.5	4362.5	-0.63	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.73	Pass

11.3 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	LOW	-4362.5	4362.5	-0.44	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	0.27	Pass

11.4 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	LOW	-4362.5	4362.5	0.62	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.49	Pass

11.5 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	LOW	-4362.5	4362.5	-0.39	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-1.34	Pass

11.6 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	LOW	-4362.5	4362.5	-1.39	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.11	Pass

11.7 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	LOW	-4362.5	4362.5	-0.73	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	0.23	Pass

11.8 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	LOW	-4362.5	4362.5	-0.39	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	0.03	Pass

11.9 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	LOW	-4362.5	4362.5	-0.49	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.11	Pass

12. LTE_Band71

12.1 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
133297	10	QPSK	50	LOW	-1701.25	1701.25	-0.07	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0.24	Pass

12.2 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
133297	10	QPSK	50	LOW	-1701.25	1701.25	0.4	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0.01	Pass

12.3 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
133297	10	QPSK	50	LOW	-1701.25	1701.25	0.3	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0.57	Pass

12.4 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
133297	10	QPSK	50	LOW	-1701.25	1701.25	0.83	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0.9	Pass

12.5 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
133297	10	QPSK	50	LOW	-1701.25	1701.25	0.34	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	-0.17	Pass

12.6 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
133297	10	QPSK	50	LOW	-1701.25	1701.25	0.13	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0.6	Pass

12.7 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
133297	10	QPSK	50	LOW	-1701.25	1701.25	0.46	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0.82	Pass

12.8 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
133297	10	QPSK	50	LOW	-1701.25	1701.25	0.17	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0.17	Pass

12.9 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
133297	10	QPSK	50	LOW	-1701.25	1701.25	0.74	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	-0.06	Pass

13. LTE_Band38

13.1 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	LOW	-6487.5	6487.5	-2.57	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-2.23	Pass

13.2 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	LOW	-6487.5	6487.5	-1.4	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-1.66	Pass

13.3 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	LOW	-6487.5	6487.5	-2.92	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-1.67	Pass

13.4 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	LOW	-6487.5	6487.5	-1.79	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-2.16	Pass

13.5 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	LOW	-6487.5	6487.5	-1.46	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-1.62	Pass

13.6 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	LOW	-6487.5	6487.5	-2.86	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-1.76	Pass

13.7 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	LOW	-6487.5	6487.5	-2.39	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-1.93	Pass

13.8 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	LOW	-6487.5	6487.5	-1.36	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-2.29	Pass

13.9 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	LOW	-6487.5	6487.5	-2.56	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-2.09	Pass

14. LTE_Band41 full

14.1 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	LOW	-6482.5	6482.5	-2.43	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-2.1	Pass

14.2 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	LOW	-6482.5	6482.5	-3.75	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-3.05	Pass

14.3 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	LOW	-6482.5	6482.5	-2.15	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-2.06	Pass

14.4 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	LOW	-6482.5	6482.5	-1.97	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-2.85	Pass

14.5 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	LOW	-6482.5	6482.5	-2.7	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-2.72	Pass

14.6 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	LOW	-6482.5	6482.5	-2.96	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-2.83	Pass

14.7 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
40620	10	QPSK	50	LOW	-6482.5	6482.5	-2.59	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-2.99	Pass

14.8 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	LOW	-6482.5	6482.5	-4.13	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-3.83	Pass

14.9 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	LOW	-6482.5	6482.5	-3.93	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-3.48	Pass

15. LTE_Band42 3450-3550

15.1 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
42590	10	QPSK	50	LOW	-8750	8750	-1.33	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.77	Pass

15.2 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
42590	10	QPSK	50	LOW	-8750	8750	-1.14	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.3	Pass

15.3 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
42590	10	QPSK	50	LOW	-8750	8750	0.7	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.87	Pass

15.4 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
42590	10	QPSK	50	LOW	-8750	8750	-0.64	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.57	Pass

15.5 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
42590	10	QPSK	50	LOW	-8750	8750	-0.07	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.51	Pass

15.6 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
42590	10	QPSK	50	LOW	-8750	8750	-0.49	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.27	Pass

15.7 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
42590	10	QPSK	50	LOW	-8750	8750	-0.1	Pass
42590	10	Q16	50	LOW	-8750	8750	0.73	Pass

15.8 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
42590	10	QPSK	50	LOW	-8750	8750	-0.31	Pass
42590	10	Q16	50	LOW	-8750	8750	-1.32	Pass

15.9 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
42590	10	QPSK	50	LOW	-8750	8750	-0.27	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.3	Pass

16. LTE_Band43 3700-3800

16.1 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
45090	10	QPSK	50	LOW	-9375	9375	-0.49	Pass
45090	10	Q16	50	LOW	-9375	9375	0.87	Pass

16.2 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
45090	10	QPSK	50	LOW	-9375	9375	0.34	Pass
45090	10	Q16	50	LOW	-9375	9375	-0.64	Pass

16.3 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
45090	10	QPSK	50	LOW	-9375	9375	-1.17	Pass
45090	10	Q16	50	LOW	-9375	9375	-1.79	Pass

16.4 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
45090	10	QPSK	50	LOW	-9375	9375	-0.77	Pass
45090	10	Q16	50	LOW	-9375	9375	-0.33	Pass

16.5 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
45090	10	QPSK	50	LOW	-9375	9375	-1.14	Pass
45090	10	Q16	50	LOW	-9375	9375	-0.63	Pass

16.6 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
45090	10	QPSK	50	LOW	-9375	9375	-1.95	Pass
45090	10	Q16	50	LOW	-9375	9375	-0.43	Pass

16.7 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
45090	10	QPSK	50	LOW	-9375	9375	-0.6	Pass
45090	10	Q16	50	LOW	-9375	9375	-0.79	Pass

16.8 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
45090	10	QPSK	50	LOW	-9375	9375	-0.41	Pass
45090	10	Q16	50	LOW	-9375	9375	-0.4	Pass

16.9 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
45090	10	QPSK	50	LOW	-9375	9375	0.13	Pass
45090	10	Q16	50	LOW	-9375	9375	-1.4	Pass

1. n5

1.1 Frequency Error for SA_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-3.55	-2091.25	2091.25	Pass

1.2 Frequency Error for SA_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-1.85	-2091.25	2091.25	Pass

1.3 Frequency Error for SA_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-4.35	-2091.25	2091.25	Pass

1.4 Frequency Error for SA_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-3.92	-2091.25	2091.25	Pass

1.5 Frequency Error for SA_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-3.19	-2091.25	2091.25	Pass

1.6 Frequency Error for SA_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-4.86	-2091.25	2091.25	Pass

1.7 Frequency Error for SA_Part22-24-27(45 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-4.77	-2091.25	2091.25	Pass

1.8 Frequency Error for SA_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-3.98	-2091.25	2091.25	Pass

1.9 Frequency Error for SA_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-4.01	-2091.25	2091.25	Pass

2. n7

2.1 Frequency Error for SA_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	20	15	DFT-s-OFDM	100	0	QPSK	-7.89	-6337.5	6337.5	Pass

2.2 Frequency Error for SA_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	20	15	DFT-s-OFDM	100	0	QPSK	-9.02	-6337.5	6337.5	Pass

2.3 Frequency Error for SA_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	20	15	DFT-s-OFDM	100	0	QPSK	-6.48	-6337.5	6337.5	Pass

2.4 Frequency Error for SA_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	20	15	DFT-s-OFDM	100	0	QPSK	-11.26	-6337.5	6337.5	Pass

2.5 Frequency Error for SA_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	20	15	DFT-s-OFDM	100	0	QPSK	-10.12	-6337.5	6337.5	Pass

2.6 Frequency Error for SA_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	20	15	DFT-s-OFDM	100	0	QPSK	-11.18	-6337.5	6337.5	Pass

2.7 Frequency Error for SA_Part22-24-27(45 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	20	15	DFT-s-OFDM	100	0	QPSK	-6.01	-6337.5	6337.5	Pass

2.8 Frequency Error for SA_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	20	15	DFT-s-OFDM	100	0	QPSK	-5.26	-6337.5	6337.5	Pass

2.9 Frequency Error for SA_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	20	15	DFT-s-OFDM	100	0	QPSK	-6.11	-6337.5	6337.5	Pass

3. n71

3.1 Frequency Error for SA_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
136100	20	15	DFT-s-OFDM	100	0	QPSK	-8.86	-1701.25	1701.25	Pass

3.2 Frequency Error for SA_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
136100	20	15	DFT-s-OFDM	100	0	QPSK	-8.43	-1701.25	1701.25	Pass

3.3 Frequency Error for SA_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
136100	20	15	DFT-s-OFDM	100	0	QPSK	-9.28	-1701.25	1701.25	Pass

3.4 Frequency Error for SA_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
136100	20	15	DFT-s-OFDM	100	0	QPSK	-9.7	-1701.25	1701.25	Pass

3.5 Frequency Error for SA_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
136100	20	15	DFT-s-OFDM	100	0	QPSK	-8.24	-1701.25	1701.25	Pass

3.6 Frequency Error for SA_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
136100	20	15	DFT-s-OFDM	100	0	QPSK	-9.58	-1701.25	1701.25	Pass

3.7 Frequency Error for SA_Part22-24-27(45 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
136100	20	15	DFT-s-OFDM	100	0	QPSK	-9.64	-1701.25	1701.25	Pass

3.8 Frequency Error for SA_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
136100	20	15	DFT-s-OFDM	100	0	QPSK	-9.57	-1701.25	1701.25	Pass

3.9 Frequency Error for SA_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
136100	20	15	DFT-s-OFDM	100	0	QPSK	-9.13	-1701.25	1701.25	Pass

4. n66

4.1 Frequency Error for SA_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-4.78	-4362.5	4362.5	Pass

4.2 Frequency Error for SA_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-5.01	-4362.5	4362.5	Pass

4.3 Frequency Error for SA_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-5.74	-4362.5	4362.5	Pass

4.4 Frequency Error for SA_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-5.65	-4362.5	4362.5	Pass

4.5 Frequency Error for SA_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-4.16	-4362.5	4362.5	Pass

4.6 Frequency Error for SA_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-4.68	-4362.5	4362.5	Pass

4.7 Frequency Error for SA_Part22-24-27(45 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-5.18	-4362.5	4362.5	Pass

4.9 Frequency Error for SA_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-5.13	-4362.5	4362.5	Pass

4.10 Frequency Error for SA_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-3.83	-4362.5	4362.5	Pass

5. n25

5.1 Frequency Error for SA_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376500	20	15	DFT-s-OFDM	100	0	QPSK	-4.3	-4706.25	4706.25	Pass

5.2 Frequency Error for SA_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376500	20	15	DFT-s-OFDM	100	0	QPSK	-4.67	-4706.25	4706.25	Pass

5.3 Frequency Error for SA_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376500	20	15	DFT-s-OFDM	100	0	QPSK	-4.35	-4706.25	4706.25	Pass

5.4 Frequency Error for SA_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376500	20	15	DFT-s-OFDM	100	0	QPSK	-6.52	-4706.25	4706.25	Pass

5.5 Frequency Error for SA_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376500	20	15	DFT-s-OFDM	100	0	QPSK	-5.92	-4706.25	4706.25	Pass

5.6 Frequency Error for SA_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376500	20	15	DFT-s-OFDM	100	0	QPSK	-5.9	-4706.25	4706.25	Pass

5.7 Frequency Error for SA_Part22-24-27(45 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376500	20	15	DFT-s-OFDM	100	0	QPSK	-5.81	-4706.25	4706.25	Pass

5.8 Frequency Error for SA_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376500	20	15	DFT-s-OFDM	100	0	QPSK	-5.76	-4706.25	4706.25	CallDrop

5.9 Frequency Error for SA_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376500	20	15	DFT-s-OFDM	100	0	QPSK	-5.61	-4706.25	4706.25	Pass

6. n2

6.1 Frequency Error for SA_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376000	20	15	DFT-s-OFDM	100	0	QPSK	-5.08	-4700	4700	Pass

6.2 Frequency Error for SA_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376000	20	15	DFT-s-OFDM	100	0	QPSK	-3.05	-4700	4700	Pass

6.3 Frequency Error for SA_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376000	20	15	DFT-s-OFDM	100	0	QPSK	-4.4	-4700	4700	Pass

6.4 Frequency Error for SA_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376000	20	15	DFT-s-OFDM	100	0	QPSK	-4.57	-4700	4700	Pass

6.5 Frequency Error for SA_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376000	20	15	DFT-s-OFDM	100	0	QPSK	-4.99	-4700	4700	Pass

6.6 Frequency Error for SA_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376000	20	15	DFT-s-OFDM	100	0	QPSK	-4.57	-4700	4700	Pass

6.7 Frequency Error for SA_Part22-24-27(45 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376000	20	15	DFT-s-OFDM	100	0	QPSK	-5.23	-4700	4700	Pass

6.8 Frequency Error for SA_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376000	20	15	DFT-s-OFDM	100	0	QPSK	-5.11	-4700	4700	Pass

6.9 Frequency Error for SA_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376000	20	15	DFT-s-OFDM	100	0	QPSK	-4.56	-4700	4700	Pass

7. n38_PC3

7.1 Frequency Error for SA_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	30	30	DFT-s-OFDM	75	0	QPSK	-10.89	-6487.5	6487.5	Pass

7.2 Frequency Error for SA_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	30	30	DFT-s-OFDM	75	0	QPSK	-13.07	-6487.5	6487.5	Pass

7.3 Frequency Error for SA_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	30	30	DFT-s-OFDM	75	0	QPSK	-13.68	-6487.5	6487.5	Pass

7.4 Frequency Error for SA_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	30	30	DFT-s-OFDM	75	0	QPSK	-11.3	-6487.5	6487.5	Pass

7.5 Frequency Error for SA_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	30	30	DFT-s-OFDM	75	0	QPSK	-10.69	-6487.5	6487.5	Pass

7.6 Frequency Error for SA_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	30	30	DFT-s-OFDM	75	0	QPSK	-11.17	-6487.5	6487.5	Pass

7.7 Frequency Error for SA_Part22-24-27(45 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	30	30	DFT-s-OFDM	75	0	QPSK	-13.42	-6487.5	6487.5	Pass

7.8 Frequency Error for SA_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	30	30	DFT-s-OFDM	75	0	QPSK	-17.79	-6487.5	6487.5	Pass

7.9 Frequency Error for SA_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	30	30	DFT-s-OFDM	75	0	QPSK	-14.85	-6487.5	6487.5	Pass

8. n41

8.1 Frequency Error for SA_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-7.72	-6482.47	6482.47	Pass

8.2 Frequency Error for SA_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-11.02	-6482.47	6482.47	Pass

8.3 Frequency Error for SA_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-11.63	-6482.47	6482.47	Pass

8.4 Frequency Error for SA_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-13.65	-6482.47	6482.47	Pass

8.5 Frequency Error for SA_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-11.57	-6482.47	6482.47	Pass

8.6 Frequency Error for SA_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-16.56	-6482.47	6482.47	Pass

8.7 Frequency Error for SA_Part22-24-27(45 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-13.47	-6482.47	6482.47	Pass

8.8 Frequency Error for SA_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-11.68	-6482.47	6482.47	Pass

8.9 Frequency Error for SA_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-13.01	-6482.47	6482.47	Pass

9. n77 (3700-3980)

9.1 Frequency Error for SA_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
656000	100	30	DFT-s-OFDM	270	0	QPSK	-2	-9600	9600	Pass

9.2 Frequency Error for SA_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
656000	100	30	DFT-s-OFDM	270	0	QPSK	0.3	-9600	9600	Pass

9.3 Frequency Error for SA_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
656000	100	30	DFT-s-OFDM	270	0	QPSK	0.27	-9600	9600	Pass

9.4 Frequency Error for SA_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
656000	100	30	DFT-s-OFDM	270	0	QPSK	-6.02	-9600	9600	Pass

9.5 Frequency Error for SA_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
656000	100	30	DFT-s-OFDM	270	0	QPSK	-2.47	-9600	9600	Pass

9.6 Frequency Error for SA_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
656000	100	30	DFT-s-OFDM	270	0	QPSK	1.86	-9600	9600	Pass

9.7 Frequency Error for SA_Part22-24-27(45 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
656000	100	30	DFT-s-OFDM	270	0	QPSK	-8.49	-9600	9600	Pass

9.8 Frequency Error for SA_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
656000	100	30	DFT-s-OFDM	270	0	QPSK	-3.09	-9600	9600	Pass

9.9 Frequency Error for SA_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
656000	100	30	DFT-s-OFDM	270	0	QPSK	3.54	-9600	9600	Pass

10. n77 (3450-3550)**10.1 Frequency Error for SA_Part22-24-27(0 Degree)**

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-8.39	-8749.95	8749.95	Pass

10.2 Frequency Error for SA_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-5.97	-8749.95	8749.95	Pass

10.3 Frequency Error for SA_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-5.05	-8749.95	8749.95	Pass

10.4 Frequency Error for SA_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-7.13	-8749.95	8749.95	Pass

10.5 Frequency Error for SA_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-8.91	-8749.95	8749.95	Pass

10.6 Frequency Error for SA_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-9.35	-8749.95	8749.95	Pass

10.7 Frequency Error for SA_Part22-24-27(45 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-5.23	-8749.95	8749.95	Pass

10.8 Frequency Error for SA_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-4.37	-8749.95	8749.95	Pass

10.9 Frequency Error for SA_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-13.89	-8749.95	8749.95	Pass

11. n78 (3450-3550)

11.1 Frequency Error for SA_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-8.06	-8749.95	8749.95	Pass

11.2 Frequency Error for SA_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-3.54	-8749.95	8749.95	Pass

11.3 Frequency Error for SA_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-6.92	-8749.95	8749.95	Pass

11.4 Frequency Error for SA_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-2.74	-8749.95	8749.95	Pass

11.5 Frequency Error for SA_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-5.93	-8749.95	8749.95	Pass

11.6 Frequency Error for SA_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-5.15	-8749.95	8749.95	Pass

11.7 Frequency Error for SA_Part22-24-27(45 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-5.19	-8749.95	8749.95	Pass

11.8 Frequency Error for SA_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-6.33	-8749.95	8749.95	Pass

11.9 Frequency Error for SA_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-6.68	-8749.95	8749.95	Pass

12. n78 (3700-3800)

12.1 Frequency Error for SA_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
650000	100	30	DFT-s-OFDM	270	0	QPSK	-2.64	-9375	9375	Pass

12.2 Frequency Error for SA_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
650000	100	30	DFT-s-OFDM	270	0	QPSK	3.74	-9375	9375	Pass

12.3 Frequency Error for SA_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
650000	100	30	DFT-s-OFDM	270	0	QPSK	-1.82	-9375	9375	Pass

12.4 Frequency Error for SA_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
650000	100	30	DFT-s-OFDM	270	0	QPSK	9.27	-9375	9375	Pass

12.5 Frequency Error for SA_Part22-24-27(30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
650000	100	30	DFT-s-OFDM	270	0	QPSK	4.5	-9375	9375	Pass

12.6 Frequency Error for SA_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
650000	100	30	DFT-s-OFDM	270	0	QPSK	3.77	-9375	9375	Pass

12.7 Frequency Error for SA_Part22-24-27(45 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
650000	100	30	DFT-s-OFDM	270	0	QPSK	-1.91	-9375	9375	Pass

12.8 Frequency Error for SA_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
650000	100	30	DFT-s-OFDM	270	0	QPSK	-0.95	-9375	9375	Pass

12.9 Frequency Error for SA_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
650000	100	30	DFT-s-OFDM	270	0	QPSK	-0.15	-9375	9375	Pass

