Frequency Stability

GSM

GSM 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	18.24	±2060.5	23.08	±2091.5	19.53	±2122	Pass
	0	22.92		30.28		21.44		
	+10	25.38		25.57		21.63		
	+20	22.41		22.63		24.38		
	+25	21.57		20.44		25.89		
	+30	23.63		19.63		22.15		
	+40	23.08		24.96		23.05		
	+50	22.24		23.12		22.92		
4.4	+25	18.53		25.76		20.5		
3.45	+25	23.28		22.7		20.92		

GSM 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	21.92	±4625.5	23.89	±4700.0	19.86	±4774.5	Pass
	0	21.11		18.37		14.82		
	+10	20.53		17.82		20.57		
	+20	21.18		17.21		17.01		
	+25	26.64		17.43		17.76		
	+30	20.44		18.82		15.76		
	+40	17.21		25.05		20.24		
	+50	15.43		22.57		19.63		
4.4	+25	23.37		21.66		15.98		
3.45	+25	19.57		18.53		23.18		

GPRS

GPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	32.96	±2060.5	33.67	±2091.5	32.19	±2122	Pass
	0	33.35		32.12		33		
	+10	31.32		32.09		32.38		
	+20	32.58		32.64		30.96		
	+25	31.9		33.45		33.77		
	+30	31.03		30.83		31.38		
	+40	33.16		32.67		31.64		
	+50	33.13		31.93		32.67		
4.4	+25	32.74		31.93		31.35		
3.45	+25	31.74		32.9		31.67		

GPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	30.19	±4625.5	31.77	±4700.0	33.19	±4774.5	Pass
	0	32.22		33.13		31.03		
	+10	32.38		33.67		31.16		
	+20	33.09		34.32		32		
	+25	29.19		32.03		29.44		
	+30	31.41		33		31.58		
	+40	29.99		31.41		30.54		
	+50	33.84		31.96		31.83		
4.4	+25	28.22		29.96		29.99		
3.45	+25	30.96		32.22		28.44		

EGPRS

EGPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	34	±2060.5	34.03	±2091.5	35.29	±2122	Pass
	0	35.19		35.09		35.81		
	+10	33.13		33.55		33.58		
	+20	35.26		35.35		35.06		
	+25	35.87		34.42		34		
	+30	32.35		33.29		33.16		
	+40	32.61		32.96		34.22		
	+50	32.54		31.19		33.22		
4.4	+25	36.48		34.9		32.8		
3.45	+25	33.84		33.61		34.38		

EGPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	35.68	±4625.5	33.55	±4700.0	31.67	±4774.5	Pass
	0	35.45		34.87		31.35		
	+10	33.9		34.93		33.19		
	+20	34.55		34.16		32.71		
	+25	33.77		32.58		33.32		
	+30	32.41		32.54		33.84		
	+40	32.51		32.61		34.71		
	+50	30.67		33.77		33.8		
4.4	+25	32.61		34.42		31.61		
3.45	+25	32.06		30.19		32.77		

WCDMA

WCDMA Band 2

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1852.4 MHz		MCH 1880 MHz		HCH 1907.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	0.12	±4631	-14.59	±4700	-11.82	±4769	Pass
	0	0.84		-14.71		-11.81		
	+10	1.8		-14.68		-11.43		
	+20	1.24		-14.63		-11.87		
	+25	-0.51		-15.01		-11.25		
	+30	-0.29		-15.09		-11.38		
	+40	0.29		-15.29		-11.71		
	+50	1.03		-15.13		-11.67		
4.4	+25	2.1		-15.47		-12.29		
3.45	+25	1.27		-15.5		-11.74		

WCDMA Band 4

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1712.4 MHz		MCH 1732.4 MHz		HCH 1752.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	6.78	±4281	-11.65	±4331	-15.98	±4381.5	Pass
	0	6.73		-11.75		-15.82		
	+10	5.38		-10.99		-15.76		
	+20	5.19		-11.42		-15.2		
	+25	6.15		-11.53		-15.76		
	+30	4.73		-11.56		-15.71		
	+40	5.82		-11.58		-15.64		
	+50	6.46		-11.91		-15.84		
4.4	+25	4.63		-11.6		-15.91		
3.45	+25	6.03		-11.43		-15.3		

WCDMA Band B5

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 826.4 MHz		MCH 836.4 MHz		HCH 846.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	1.12	±2066	0.29	±2091	-0.11	±2116.5	Pass
	0	1.31		0.05		-0.05		
	+10	0.99		0.8		0.04		
	+20	-0.46		-1.42		-1.72		
	+25	0.56		-0.25		-1.18		
	+30	1.03		0.08		-0.49		
	+40	1.9		0.47		-0.34		
	+50	0.39		-0.59		-0.58		
4.4	+25	1.27		0		-0.6		
3.45	+25	-0.66		-1.46		-1.67		

LTE

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-1.22	±4700	Pass
	0	-0.76		
	+10	-2.4		
	+20	-1.54		
	+25	-0.97		
	+30	-1.46		
	+40	-0.67		
	+50	-1.6		
4.4	+25	-2.65		
3.45	+25	-1.82		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-1.17	±4700	Pass
	0	-1.73		
	+10	-1.42		
	+20	-1.49		
	+25	-2.1		
	+30	-1.95		
	+40	-1.34		
	+50	-2.07		
4.4	+25	-1.67		
3.45	+25	-2.1		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-0.27	±4331.25	Pass
	0	0.03		
	+10	-0.04		
	+20	-0.39		
	+25	0.37		
	+30	0.27		
	+40	-0.06		
	+50	0.11		
4.4	+25	0.13		
3.45	+25	0.07		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-0.11	±4331.25	Pass
	0	-0.49		
	+10	-0.2		
	+20	-0.24		
	+25	-0.11		
	+30	-0.11		
	+40	-0.31		
	+50	-0.2		
4.4	+25	-0.53		
3.45	+25	0.26		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-0.37	±2091.25	Pass
	0	-0.09		
	+10	-0.89		
	+20	-0.77		
	+25	-1.13		
	+30	-0.27		
	+40	-0.69		
	+50	-1.03		
4.4	+25	-0.89		
3.45	+25	-1.09		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-1.16	±2091.25	Pass
	0	-0.41		
	+10	-0.97		
	+20	-0.04		
	+25	-1.57		
	+30	0		
	+40	-0.64		
	+50	-1.09		
4.4	+25	-0.7		
3.45	+25	-0.8		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	0.11	±6337.5	Pass
	0	0.1		
	+10	-1.09		
	+20	0.62		
	+25	0.24		
	+30	-0.24		
	+40	0.63		
	+50	0.23		
4.4	+25	-1.13		
3.45	+25	-0.77		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-0.59	±6337.5	Pass
	0	-0.89		
	+10	0.37		
	+20	0.21		
	+25	-0.46		
	+30	-0.59		
	+40	-0.51		
	+50	-0.06		
4.4	+25	-0.73		
3.45	+25	-0.36		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-0.24	±1768.75	Pass
	0	-0.9		
	+10	-0.86		
	+20	-0.43		
	+25	-1.69		
	+30	-1.07		
	+40	-0.92		
	+50	-0.39		
4.4	+25	-0.29		
3.45	+25	-0.31		

LTE Band 12 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-0.63	±1768.75	Pass
	0	-0.64		
	+10	-1.75		
	+20	-0.56		
	+25	-1.17		
	+30	-0.73		
	+40	-0.17		
	+50	0.29		
4.4	+25	0.3		
3.45	+25	0.44		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	0.4	±1775	Pass
	0	-0.84		
	+10	0.79		
	+20	0.44		
	+25	-0.1		
	+30	-0.97		
	+40	0.24		
	+50	-0.39		
4.4	+25	-0.6		
3.45	+25	-0.2		

LTE Band 17 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	0.06	±1775	Pass
	0	-0.29		
	+10	-0.1		
	+20	-0.74		
	+25	-0.66		
	+30	-0.1		
	+40	0.01		
	+50	-0.11		
4.4	+25	-0.39		
3.45	+25	-0.49		

LTE Band 26 (Part22) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-0.14	±2091.25	Pass
	0	-0.46		
	+10	-0.31		
	+20	0.11		
	+25	0.76		
	+30	0.11		
	+40	0.46		
	+50	-0.5		
4.4	+25	-0.47		
3.45	+25	-0.34		

LTE Band 26 (Part22) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	0.06	±2091.25	Pass
	0	-0.33		
	+10	0.11		
	+20	0.43		
	+25	0.07		
	+30	0.76		
	+40	-0.72		
	+50	-0.36		
4.4	+25	0.41		
3.45	+25	0.09		

LTE Band 26 (Part90) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-3.2	±2047.5	Pass
	0	-5.3		
	+10	1.7		
	+20	-6.2		
	+25	-6.7		
	+30	-4.8		
	+40	-0.58		
	+50	-3.2		
4.4	+25	-6.8		
3.45	+25	0.85		

LTE Band 26 (Part90) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-4.5	±2047.5	Pass
	0	-4.6		
	+10	1.1		
	+20	-5.8		
	+25	-4.6		
	+30	-4.6		
	+40	-1.2		
	+50	-2.7		
4.4	+25	-6.3		
3.45	+25	1.21		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-5.01	±6487.5	Pass
	0	-5.26		
	+10	-4.88		
	+20	-6.21		
	+25	-4.45		
	+30	-5.87		
	+40	-6.14		
	+50	-4.13		
4.4	+25	-5.54		
3.45	+25	-4.09		

LTE Band 38 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-4.02	±6487.5	Pass
	0	-4.22		
	+10	-4.22		
	+20	-5.44		
	+25	-5.09		
	+30	-5.02		
	+40	-5.87		
	+50	-5.12		
4.4	+25	-5.68		
3.45	+25	-5.26		

LTE Band 41(FULL) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-3.29	±6482.5	Pass
	0	-4.16		
	+10	-3.68		
	+20	-3.69		
	+25	-4.76		
	+30	-3.25		
	+40	-3.4		
	+50	-3.53		
4.4	+25	-3.32		
3.45	+25	-4.02		

LTE Band 41(FULL) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-4.59	±6482.5	Pass
	0	-4.51		
	+10	-3.89		
	+20	-3.25		
	+25	-4.05		
	+30	-3.96		
	+40	-3.53		
	+50	-3.03		
4.4	+25	-3.98		
3.45	+25	-2.8		

LTE Band 42(3450-3550) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3500 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-1.75	±8750	Pass
	0	-1.16		
	+10	-1.42		
	+20	-1.76		
	+25	-0.56		
	+30	-1.7		
	+40	-1.86		
	+50	-1.95		
4.4	+25	-3.18		
3.45	+25	-2.17		

LTE Band 42(3450-3550) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3500 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-2.1	±8750	Pass
	0	-1.97		
	+10	-0.39		
	+20	-1.56		
	+25	-0.34		
	+30	-1.86		
	+40	-1.3		
	+50	-0.5		
4.4	+25	-0.79		
3.45	+25	-2.45		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-1.04	±4362.5	Pass
	0	-0.11		
	+10	-0.64		
	+20	-1.62		
	+25	-0.67		
	+30	-1.13		
	+40	-1.19		
	+50	-0.63		
4.4	+25	-1.82		
3.45	+25	0.74		

LTE Band 66 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-1.02	±4362.5	Pass
	0	-1.04		
	+10	-0.66		
	+20	-0.51		
	+25	-1.07		
	+30	-0.72		
	+40	-1.23		
	+50	-0.27		
4.4	+25	-1.17		
3.45	+25	-0.99		

CA_38C QPSK 15MHz+15MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2587.5 MHz		SCC MCH 2602.5MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.85	-10	-12.4	±6468.75	-12.55	±6506.25	Pass
	0	-11.74		-11.49		
	+10	-14.25		-13.33		
	+20	-11.99		-12.56		
	+25	-11.49		-12.06		
	+30	-12.23		-12.8		
	+40	-12.55		-11.54		
	+50	-11.44		-13.38		
4.4	+25	-14.35		-12.9		
3.45	+25	-12.83		-13.07		

CA_38C 16QAM 15MHz+15MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2587.5 MHz		SCC MCH 2602.5MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.85	-10	-13.79	±6468.75	-13.02	±6506.25	Pass
	0	-12.27		-13.03		
	+10	-11		-12.52		
	+20	-12.93		-13.4		
	+25	-13.72		-14.2		
	+30	-14.22		-15.28		
	+40	-14.33		-12.35		
	+50	-13.09		-12.95		
4.4	+25	-11.32		-13.29		
3.45	+25	-10.23		-12.45		

CA_38C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2585.1MHz		SCC MCH 2604.9MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.85	-10	-14.12	±6462.75	-15.42	±6512.25	Pass
	0	-15.95		-14.96		
	+10	-16.14		-15.31		
	+20	-17.55		-17.55		
	+25	-15.21		-16.11		
	+30	-14.18		-16.54		
	+40	-15.12		-17.44		
	+50	-16.57		-14.99		
4.4	+25	-15.02		-16.18		
3.45	+25	-16.45		-15.49		

CA_38C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2585.1MHz		SCC MCH 2604.9MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.85	-10	-16.99	±6462.75	-15.82	±6512.25	Pass
	0	-16.12		-14.66		
	+10	-15.69		-15.48		
	+20	-16.54		-15.18		
	+25	-15.46		-15.26		
	+30	-16.09		-17.28		
	+40	-15.89		-17.54		
	+50	-15.76		-16.55		
4.4	+25	-16.41		-15.21		
3.45	+25	-16.12		-16.91		

NR

NR Band n2 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-7.55	±4700	Pass
	0	-7.69		
	+10	-4.94		
	+20	-3.98		
	+25	-3.62		
	+30	-6.49		
	+40	-4.43		
	+50	-3.98		
4.4	+25	-5.2		
3.45	+25	-4.2		

NR Band n5 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-4.72	±2091.25	Pass
	0	-4.99		
	+10	-4.56		
	+20	-2.83		
	+25	-3.65		
	+30	-4.12		
	+40	-5.29		
	+50	-3.74		
4.4	+25	-4.62		
3.45	+25	-2.67		

NR Band n7 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-8.63	±6337.5	Pass
	0	-9.03		
	+10	-8.59		
	+20	-7.78		
	+25	-6.3		
	+30	-9.19		
	+40	-8.64		
	+50	-6.11		
4.4	+25	-8.72		
3.45	+25	-7.09		

NR Band n12 QPSK 15 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-2.81	±1768.75	Pass
	0	-3.4		
	+10	-2.81		
	+20	-1.98		
	+25	-3.4		
	+30	-3.25		
	+40	-2.47		
	+50	-2.65		
4.4	+25	-2.2		
3.45	+25	-2.86		

NR Band n38 QPSK 30 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-12.41	±6487.5	Pass
	0	-12.62		
	+10	-12.9		
	+20	-14.34		
	+25	-13.55		
	+30	-9.85		
	+40	-11.23		
	+50	-8.97		
4.4	+25	-11.79		
3.45	+25	-12.74		

NR Band n41 QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.99 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-17.97	±6482.48	Pass
	0	-14.76		
	+10	-13.23		
	+20	-11.2		
	+25	-14.85		
	+30	-11.37		
	+40	-11.26		
	+50	-15.07		
4.4	+25	-16.95		
3.45	+25	-15.43		

NR Band n66 QPSK 30 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-5.14	±4362.5	Pass
	0	-4.86		
	+10	-3.14		
	+20	-3.52		
	+25	-1.64		
	+30	-1.3		
	+40	-2.44		
	+50	-1.88		
4.4	+25	-2.46		
3.45	+25	-1.94		

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)	
3.85	-10	-6.3	8749.95	Pass
	0	-5.92		
	+10	1.5		
	+20	-0.48		
	+25	-6.3		
	+30	-0.93		
	+40	-5.07		
	+50	-5.56		
4.4	+25	1355.46		
3.45	+25	-3.15		

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)	
3.85	-10	-1.04	±9600	Pass
	0	-5.06		
	+10	-5.13		
	+20	-1.62		
	+25	-1.04		
	+30	-8.81		
	+40	0.85		
	+50	-2.63		
4.4	+25	-0.22		
3.45	+25	-3.58		

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)	
3.85	-10	-0.85	±8749.95	Pass
	0	-0.56		
	+10	-5.68		
	+20	-1.08		
	+25	-0.85		
	+30	-1.48		
	+40	-7.44		
	+50	-5.45		
4.4	+25	-0.99		
3.45	+25	-0.5		

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)	
3.85	-10	0.67	±9375	Pass
	0	0.87		
	+10	-7.76		
	+20	-9.06		
	+25	0.67		
	+30	-12.65		
	+40	-4.3		
	+50	-3.1		
4.4	+25	-4.06		
3.45	+25	-4.53		

1. GSM_PCS

1.3 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	21.92	-4625.5	4625.5	Pass
661	0	Static	23.89	-4700	4700	Pass
810	0	Static	19.86	-4774.5	4774.5	Pass

1.4 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	21.11	-4625.5	4625.5	Pass
661	0	Static	18.37	-4700	4700	Pass
810	0	Static	14.82	-4774.5	4774.5	Pass

1.5 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	20.53	-4625.5	4625.5	Pass
661	0	Static	17.82	-4700	4700	Pass
810	0	Static	20.57	-4774.5	4774.5	Pass

1.6 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	21.18	-4625.5	4625.5	Pass
661	0	Static	17.21	-4700	4700	Pass
810	0	Static	17.01	-4774.5	4774.5	Pass

1.7 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	26.64	-4625.5	4625.5	Pass
661	0	Static	17.43	-4700	4700	Pass
810	0	Static	17.76	-4774.5	4774.5	Pass

1.8 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	20.44	-4625.5	4625.5	Pass
661	0	Static	18.82	-4700	4700	Pass
810	0	Static	15.76	-4774.5	4774.5	Pass

1.9 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	17.21	-4625.5	4625.5	Pass
661	0	Static	25.05	-4700	4700	Pass
810	0	Static	20.24	-4774.5	4774.5	Pass

1.10 GSM Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	15.43	-4625.5	4625.5	Pass
661	0	Static	22.57	-4700	4700	Pass
810	0	Static	19.63	-4774.5	4774.5	Pass

1.11 GSM Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	23.37	-4625.5	4625.5	Pass
661	0	Static	21.66	-4700	4700	Pass
810	0	Static	15.98	-4774.5	4774.5	Pass

1.12 GSM Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	19.57	-4625.5	4625.5	Pass
661	0	Static	18.53	-4700	4700	Pass
810	0	Static	23.18	-4774.5	4774.5	Pass

2. GSM_GSM850

2.3 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	18.24	-2060.5	2060.5	Pass
190	5	Static	23.08	-2091.5	2091.5	Pass
251	5	Static	19.53	-2122	2122	Pass

2.4 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	22.92	-2060.5	2060.5	Pass
190	5	Static	30.28	-2091.5	2091.5	Pass
251	5	Static	21.44	-2122	2122	Pass

2.5 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	25.38	-2060.5	2060.5	Pass
190	5	Static	25.57	-2091.5	2091.5	Pass
251	5	Static	21.63	-2122	2122	Pass

2.6 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	22.41	-2060.5	2060.5	Pass
190	5	Static	22.63	-2091.5	2091.5	Pass
251	5	Static	24.38	-2122	2122	Pass

2.7 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	21.57	-2060.5	2060.5	Pass
190	5	Static	20.44	-2091.5	2091.5	Pass
251	5	Static	25.89	-2122	2122	Pass

2.8 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	23.63	-2060.5	2060.5	Pass
190	5	Static	19.63	-2091.5	2091.5	Pass
251	5	Static	22.15	-2122	2122	Pass

2.9 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	23.08	-2060.5	2060.5	Pass
190	5	Static	24.96	-2091.5	2091.5	Pass
251	5	Static	23.05	-2122	2122	Pass

2.10 GSM Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	22.24	-2060.5	2060.5	Pass
190	5	Static	23.12	-2091.5	2091.5	Pass
251	5	Static	22.92	-2122	2122	Pass

2.11 GSM Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	18.53	-2060.5	2060.5	Pass
190	5	Static	25.76	-2091.5	2091.5	Pass
251	5	Static	20.5	-2122	2122	Pass

2.12 GSM Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	23.28	-2060.5	2060.5	Pass
190	5	Static	22.7	-2091.5	2091.5	Pass
251	5	Static	20.92	-2122	2122	Pass

1. GPRS_GSM850

1.3 GPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	32.96	-2060.5	2060.5	Pass
190	5	Static	33.67	-2091.5	2091.5	Pass
251	5	Static	32.19	-2122	2122	Pass

1.4 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	33.35	-2060.5	2060.5	Pass
190	5	Static	32.12	-2091.5	2091.5	Pass
251	5	Static	33	-2122	2122	Pass

1.5 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	31.32	-2060.5	2060.5	Pass
190	5	Static	32.09	-2091.5	2091.5	Pass
251	5	Static	32.38	-2122	2122	Pass

1.6 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	32.58	-2060.5	2060.5	Pass
190	5	Static	32.64	-2091.5	2091.5	Pass
251	5	Static	30.96	-2122	2122	Pass

1.7 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	31.9	-2060.5	2060.5	Pass
190	5	Static	33.45	-2091.5	2091.5	Pass
251	5	Static	33.77	-2122	2122	Pass

1.8 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	31.03	-2060.5	2060.5	Pass
190	5	Static	30.83	-2091.5	2091.5	Pass
251	5	Static	31.38	-2122	2122	Pass

1.9 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	33.16	-2060.5	2060.5	Pass
190	5	Static	32.67	-2091.5	2091.5	Pass
251	5	Static	31.64	-2122	2122	Pass

1.10 GPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	33.13	-2060.5	2060.5	Pass
190	5	Static	31.93	-2091.5	2091.5	Pass
251	5	Static	32.67	-2122	2122	Pass

1.11 GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	32.74	-2060.5	2060.5	Pass
190	5	Static	31.93	-2091.5	2091.5	Pass
251	5	Static	31.35	-2122	2122	Pass

1.12 GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	31.74	-2060.5	2060.5	Pass
190	5	Static	32.9	-2091.5	2091.5	Pass
251	5	Static	31.67	-2122	2122	Pass

2. GPRS_PCS

2.3 GPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	30.19	-4625.5	4625.5	Pass
661	0	Static	31.77	-4700	4700	Pass
810	0	Static	33.19	-4774.5	4774.5	Pass

2.4 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	32.22	-4625.5	4625.5	Pass
661	0	Static	33.13	-4700	4700	Pass
810	0	Static	31.03	-4774.5	4774.5	Pass

2.5 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	32.38	-4625.5	4625.5	Pass
661	0	Static	33.67	-4700	4700	Pass
810	0	Static	31.16	-4774.5	4774.5	Pass

2.6 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	33.09	-4625.5	4625.5	Pass
661	0	Static	34.32	-4700	4700	Pass
810	0	Static	32	-4774.5	4774.5	Pass

2.7 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	29.19	-4625.5	4625.5	Pass
661	0	Static	32.03	-4700	4700	Pass
810	0	Static	29.44	-4774.5	4774.5	Pass

2.8 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	31.41	-4625.5	4625.5	Pass
661	0	Static	33	-4700	4700	Pass
810	0	Static	31.58	-4774.5	4774.5	Pass

2.9 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	29.99	-4625.5	4625.5	Pass
661	0	Static	31.41	-4700	4700	Pass
810	0	Static	30.54	-4774.5	4774.5	Pass

2.10 GPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	33.84	-4625.5	4625.5	Pass
661	0	Static	31.96	-4700	4700	Pass
810	0	Static	31.83	-4774.5	4774.5	Pass

2.11 GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	28.22	-4625.5	4625.5	Pass
661	0	Static	29.96	-4700	4700	Pass
810	0	Static	29.99	-4774.5	4774.5	Pass

2.12 GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	30.96	-4625.5	4625.5	Pass
661	0	Static	32.22	-4700	4700	Pass
810	0	Static	28.44	-4774.5	4774.5	Pass

1. EGPRS_PCS

1.3 EGPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	35.68	-4625.5	4625.5	Pass
661	2	Static	33.55	-4700	4700	Pass
810	2	Static	31.67	-4774.5	4774.5	Pass

1.4 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	35.45	-4625.5	4625.5	Pass
661	2	Static	34.87	-4700	4700	Pass
810	2	Static	31.35	-4774.5	4774.5	Pass

1.5 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	33.9	-4625.5	4625.5	Pass
661	2	Static	34.93	-4700	4700	Pass
810	2	Static	33.19	-4774.5	4774.5	Pass

1.6 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	34.55	-4625.5	4625.5	Pass
661	2	Static	34.16	-4700	4700	Pass
810	2	Static	32.71	-4774.5	4774.5	Pass

1.7 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	33.77	-4625.5	4625.5	Pass
661	2	Static	32.58	-4700	4700	Pass
810	2	Static	33.32	-4774.5	4774.5	Pass

1.8 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	32.41	-4625.5	4625.5	Pass
661	2	Static	32.54	-4700	4700	Pass
810	2	Static	33.84	-4774.5	4774.5	Pass

1.9 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	32.51	-4625.5	4625.5	Pass
661	2	Static	32.61	-4700	4700	Pass
810	2	Static	34.71	-4774.5	4774.5	Pass

1.10 EGPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	30.67	-4625.5	4625.5	Pass
661	2	Static	33.77	-4700	4700	Pass
810	2	Static	33.8	-4774.5	4774.5	Pass

1.11 EGPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	32.61	-4625.5	4625.5	Pass
661	2	Static	34.42	-4700	4700	Pass
810	2	Static	31.61	-4774.5	4774.5	Pass

1.12 EGPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	32.06	-4625.5	4625.5	Pass
661	2	Static	30.19	-4700	4700	Pass
810	2	Static	32.77	-4774.5	4774.5	Pass

2. EGPRS_GSM850

2.3 EGPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	34	-2060.5	2060.5	Pass
190	8	Static	34.03	-2091.5	2091.5	Pass
251	8	Static	35.29	-2122	2122	Pass

2.4 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	35.19	-2060.5	2060.5	Pass
190	8	Static	35.09	-2091.5	2091.5	Pass
251	8	Static	35.81	-2122	2122	Pass

2.5 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	33.13	-2060.5	2060.5	Pass
190	8	Static	33.55	-2091.5	2091.5	Pass
251	8	Static	33.58	-2122	2122	Pass

2.6 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	35.26	-2060.5	2060.5	Pass
190	8	Static	35.35	-2091.5	2091.5	Pass
251	8	Static	35.06	-2122	2122	Pass

2.7 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	35.87	-2060.5	2060.5	Pass
190	8	Static	34.42	-2091.5	2091.5	Pass
251	8	Static	34	-2122	2122	Pass

2.8 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	32.35	-2060.5	2060.5	Pass
190	8	Static	33.29	-2091.5	2091.5	Pass
251	8	Static	33.16	-2122	2122	Pass

2.9 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	32.61	-2060.5	2060.5	Pass
190	8	Static	32.96	-2091.5	2091.5	Pass
251	8	Static	34.22	-2122	2122	Pass

2.10 EGPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	32.54	-2060.5	2060.5	Pass
190	8	Static	31.19	-2091.5	2091.5	Pass
251	8	Static	33.22	-2122	2122	Pass

2.11 EGPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	36.48	-2060.5	2060.5	Pass
190	8	Static	34.9	-2091.5	2091.5	Pass
251	8	Static	32.8	-2122	2122	Pass

2.12 EGPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	33.84	-2060.5	2060.5	Pass
190	8	Static	33.61	-2091.5	2091.5	Pass
251	8	Static	34.38	-2122	2122	Pass

1. WCDMA_Band5

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	1.12	Pass
4182		-2091	2091	0.29	Pass
4233		-2116.5	2116.5	-0.11	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	1.31	Pass
4182		-2091	2091	0.05	Pass
4233		-2116.5	2116.5	-0.05	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.99	Pass
4182		-2091	2091	0.8	Pass
4233		-2116.5	2116.5	0.04	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	-0.46	Pass
4182		-2091	2091	-1.42	Pass
4233		-2116.5	2116.5	-1.72	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.56	Pass
4182		-2091	2091	-0.25	Pass
4233		-2116.5	2116.5	-1.18	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	1.03	Pass
4182		-2091	2091	0.08	Pass
4233		-2116.5	2116.5	-0.49	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	1.9	Pass
4182		-2091	2091	0.47	Pass
4233		-2116.5	2116.5	-0.34	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.39	Pass
4182		-2091	2091	-0.59	Pass
4233		-2116.5	2116.5	-0.58	Pass

1.11 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	1.27	Pass
4182		-2091	2091	0	Pass
4233		-2116.5	2116.5	-0.6	Pass

1.12 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	-0.66	Pass
4182		-2091	2091	-1.46	Pass
4233		-2116.5	2116.5	-1.67	Pass

2. WCDMA_Band2

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	0.12	Pass
9400		-4700	4700	-14.59	Pass
9538		-4769	4769	-11.82	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	0.84	Pass
9400		-4700	4700	-14.71	Pass
9538		-4769	4769	-11.81	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	1.8	Pass
9400		-4700	4700	-14.68	Pass
9538		-4769	4769	-11.43	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	1.24	Pass
9400		-4700	4700	-14.63	Pass
9538		-4769	4769	-11.87	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	-0.51	Pass
9400		-4700	4700	-15.01	Pass
9538		-4769	4769	-11.25	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	-0.29	Pass
9400		-4700	4700	-15.09	Pass
9538		-4769	4769	-11.38	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	0.29	Pass
9400		-4700	4700	-15.29	Pass
9538		-4769	4769	-11.71	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	1.03	Pass
9400		-4700	4700	-15.13	Pass
9538		-4769	4769	-11.67	Pass

2.11 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	2.1	Pass
9400		-4700	4700	-15.47	Pass
9538		-4769	4769	-12.29	Pass

2.12 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	1.27	Pass
9400		-4700	4700	-15.5	Pass
9538		-4769	4769	-11.74	Pass

3. WCDMA_Band4

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	6.78	Pass
1412		-4331	4331	-11.65	Pass
1513		-4381.5	4381.5	-15.98	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	6.73	Pass
1412		-4331	4331	-11.75	Pass
1513		-4381.5	4381.5	-15.82	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	5.38	Pass
1412		-4331	4331	-10.99	Pass
1513		-4381.5	4381.5	-15.76	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	5.19	Pass
1412		-4331	4331	-11.42	Pass
1513		-4381.5	4381.5	-15.2	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	6.15	Pass
1412		-4331	4331	-11.53	Pass
1513		-4381.5	4381.5	-15.76	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	4.73	Pass
1412		-4331	4331	-11.56	Pass
1513		-4381.5	4381.5	-15.71	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	5.82	Pass
1412		-4331	4331	-11.58	Pass
1513		-4381.5	4381.5	-15.64	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	6.46	Pass
1412		-4331	4331	-11.91	Pass
1513		-4381.5	4381.5	-15.84	Pass

3.11 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	4.63	Pass
1412		-4331	4331	-11.6	Pass
1513		-4381.5	4381.5	-15.91	Pass

3.12 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	6.03	Pass
1412		-4331	4331	-11.43	Pass
1513		-4381.5	4381.5	-15.3	Pass

1. LTE_Band4

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	LOW	-4331.25	4331.25	-0.27	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.11	Pass

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
20175	10	QPSK	50	LOW	-4331.25	4331.25	0.03	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.49	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	-0.04	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.2	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	-0.39	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.24	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	0.37	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.11	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	0.27	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.11	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	-0.06	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.31	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	LOW	-4331.25	4331.25	0.11	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.2	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	0.13	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.53	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	0.07	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	0.26	Pass

2. LTE_Band2

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	LOW	-4700	4700	-1.22	Pass
18900	10	Q16	50	LOW	-4700	4700	-1.17	Pass

2.4 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	-0.76	Pass
18900	10	Q16	50	LOW	-4700	4700	-1.73	Pass

2.5 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	-2.4	Pass
18900	10	Q16	50	LOW	-4700	4700	-1.42	Pass

2.6 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	-1.54	Pass
18900	10	Q16	50	LOW	-4700	4700	-1.49	Pass

2.7 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	-0.97	Pass
18900	10	Q16	50	LOW	-4700	4700	-2.1	Pass

2.8 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	-1.46	Pass
18900	10	Q16	50	LOW	-4700	4700	-1.95	Pass

2.9 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	-0.67	Pass
18900	10	Q16	50	LOW	-4700	4700	-1.34	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	LOW	-4700	4700	-1.6	Pass
18900	10	Q16	50	LOW	-4700	4700	-2.07	Pass

2.11 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	-2.65	Pass
18900	10	Q16	50	LOW	-4700	4700	-1.67	Pass

2.12 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	-1.82	Pass
18900	10	Q16	50	LOW	-4700	4700	-2.1	Pass

3. LTE_Band7

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	LOW	-6337.5	6337.5	0.11	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-0.59	Pass

3.4 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
21100	10	QPSK	50	LOW	-6337.5	6337.5	0.1	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-0.89	Pass

3.5 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
21100	10	QPSK	50	LOW	-6337.5	6337.5	-1.09	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	0.37	Pass

3.6 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
21100	10	QPSK	50	LOW	-6337.5	6337.5	0.62	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	0.21	Pass

3.7 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
21100	10	QPSK	50	LOW	-6337.5	6337.5	0.24	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-0.46	Pass

3.8 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
21100	10	QPSK	50	LOW	-6337.5	6337.5	-0.24	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-0.59	Pass

3.9 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
21100	10	QPSK	50	LOW	-6337.5	6337.5	0.63	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-0.51	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	LOW	-6337.5	6337.5	0.23	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-0.06	Pass

3.11 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
21100	10	QPSK	50	LOW	-6337.5	6337.5	-1.13	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-0.73	Pass

3.12 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
21100	10	QPSK	50	LOW	-6337.5	6337.5	-0.77	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-0.36	Pass

4. LTE_Band66

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	LOW	-4362.5	4362.5	-1.04	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-1.02	Pass

4.4 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
132322	10	QPSK	50	LOW	-4362.5	4362.5	-0.11	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-1.04	Pass

4.5 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
132322	10	QPSK	50	LOW	-4362.5	4362.5	-0.64	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.66	Pass

4.6 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
132322	10	QPSK	50	LOW	-4362.5	4362.5	-1.62	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.51	Pass

4.7 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
132322	10	QPSK	50	LOW	-4362.5	4362.5	-0.67	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-1.07	Pass

4.8 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
132322	10	QPSK	50	LOW	-4362.5	4362.5	-1.13	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.72	Pass

4.9 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
132322	10	QPSK	50	LOW	-4362.5	4362.5	-1.19	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-1.23	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	LOW	-4362.5	4362.5	-0.63	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.27	Pass

4.11 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
132322	10	QPSK	50	LOW	-4362.5	4362.5	-1.82	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-1.17	Pass

4.12 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
132322	10	QPSK	50	LOW	-4362.5	4362.5	0.74	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.99	Pass

5. LTE_Band38

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	LOW	-6487.5	6487.5	-5.01	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-4.02	Pass

5.4 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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-5.26	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-4.22	Pass

5.5 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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-4.88	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-4.22	Pass

5.6 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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-6.21	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-5.44	Pass

5.7 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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-4.45	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-5.09	Pass

5.8 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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-5.87	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-5.02	Pass

5.9 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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-6.14	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-5.87	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	LOW	-6487.5	6487.5	-4.13	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-5.12	Pass

5.11 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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-5.54	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-5.68	Pass

5.12 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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-4.09	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-5.26	Pass

6. LTE_Band5

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	LOW	-2091.25	2091.25	-0.37	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-1.16	Pass

6.4 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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-0.09	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.41	Pass

6.5 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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-0.89	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.97	Pass

6.6 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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-0.77	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.04	Pass

6.7 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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-1.13	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-1.57	Pass

6.8 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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-0.27	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	0	Pass

6.9 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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-0.69	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.64	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	LOW	-2091.25	2091.25	-1.03	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-1.09	Pass

6.11 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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-0.89	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.7	Pass

6.12 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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-1.09	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.8	Pass

7. LTE_Band12

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.24	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.63	Pass

7.4 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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.9	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.64	Pass

7.5 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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.86	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-1.75	Pass

7.6 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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.43	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.56	Pass

7.7 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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-1.69	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-1.17	Pass

7.8 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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-1.07	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.73	Pass

7.9 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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.92	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.17	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.39	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	0.29	Pass

7.11 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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.29	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	0.3	Pass

7.12 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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.31	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	0.44	Pass

8. LTE_Band17

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	LOW	-1775	1775	0.4	Pass
23790	10	Q16	50	LOW	-1775	1775	0.06	Pass

8.4 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
23790	10	QPSK	50	LOW	-1775	1775	-0.84	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.29	Pass

8.5 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
23790	10	QPSK	50	LOW	-1775	1775	0.79	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.1	Pass

8.6 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
23790	10	QPSK	50	LOW	-1775	1775	0.44	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.74	Pass

8.7 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
23790	10	QPSK	50	LOW	-1775	1775	-0.1	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.66	Pass

8.8 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
23790	10	QPSK	50	LOW	-1775	1775	-0.97	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.1	Pass

8.9 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
23790	10	QPSK	50	LOW	-1775	1775	0.24	Pass
23790	10	Q16	50	LOW	-1775	1775	0.01	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	LOW	-1775	1775	-0.39	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.11	Pass

8.11 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
23790	10	QPSK	50	LOW	-1775	1775	-0.6	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.39	Pass

8.12 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
23790	10	QPSK	50	LOW	-1775	1775	-0.2	Pass
23790	10	Q16	50	LOW	-1775	1775	-0.49	Pass

9. LTE_Band26(part22)

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	LOW	-2091.25	2091.25	-0.14	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	0.06	Pass

9.4 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
26915	10	QPSK	50	LOW	-2091.25	2091.25	-0.46	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.33	Pass

9.5 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
26915	10	QPSK	50	LOW	-2091.25	2091.25	-0.31	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	0.11	Pass

9.6 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
26915	10	QPSK	50	LOW	-2091.25	2091.25	0.11	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	0.43	Pass

9.7 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
26915	10	QPSK	50	LOW	-2091.25	2091.25	0.76	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	0.07	Pass

9.8 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
26915	10	QPSK	50	LOW	-2091.25	2091.25	0.11	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	0.76	Pass

9.9 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
26915	10	QPSK	50	LOW	-2091.25	2091.25	0.46	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.72	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	LOW	-2091.25	2091.25	-0.5	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.36	Pass

9.11 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
26915	10	QPSK	50	LOW	-2091.25	2091.25	-0.47	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	0.41	Pass

9.12 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
26915	10	QPSK	50	LOW	-2091.25	2091.25	-0.34	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	0.09	Pass

11. LTE_Band41 full

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	LOW	-6482.5	6482.5	-3.29	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-4.59	Pass

11.4 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
40620	10	QPSK	50	LOW	-6482.5	6482.5	-4.16	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-4.51	Pass

11.5 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
40620	10	QPSK	50	LOW	-6482.5	6482.5	-3.68	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-3.89	Pass

11.6 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
40620	10	QPSK	50	LOW	-6482.5	6482.5	-3.69	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-3.25	Pass

11.7 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
40620	10	QPSK	50	LOW	-6482.5	6482.5	-4.76	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-4.05	Pass

11.8 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
40620	10	QPSK	50	LOW	-6482.5	6482.5	-3.25	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-3.96	Pass

11.9 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
40620	10	QPSK	50	LOW	-6482.5	6482.5	-3.4	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-3.53	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	LOW	-6482.5	6482.5	-3.53	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-3.03	Pass

11.11 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
40620	10	QPSK	50	LOW	-6482.5	6482.5	-3.32	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-3.98	Pass

11.12 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
40620	10	QPSK	50	LOW	-6482.5	6482.5	-4.02	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-2.8	Pass

12. LTE_Band42(3450-3550)_Part27

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	LOW	-8750	8750	-1.75	Pass
42590	10	Q16	50	LOW	-8750	8750	-2.1	Pass

12.4 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
42590	10	QPSK	50	LOW	-8750	8750	-1.16	Pass
42590	10	Q16	50	LOW	-8750	8750	-1.97	Pass

12.5 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
42590	10	QPSK	50	LOW	-8750	8750	-1.42	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.39	Pass

12.6 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
42590	10	QPSK	50	LOW	-8750	8750	-1.76	Pass
42590	10	Q16	50	LOW	-8750	8750	-1.56	Pass

12.7 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
42590	10	QPSK	50	LOW	-8750	8750	-0.56	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.34	Pass

12.8 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
42590	10	QPSK	50	LOW	-8750	8750	-1.7	Pass
42590	10	Q16	50	LOW	-8750	8750	-1.86	Pass

12.9 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
42590	10	QPSK	50	LOW	-8750	8750	-1.86	Pass
42590	10	Q16	50	LOW	-8750	8750	-1.3	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	LOW	-8750	8750	-1.95	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.5	Pass

12.11 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
42590	10	QPSK	50	LOW	-8750	8750	-3.18	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.79	Pass

12.12 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
42590	10	QPSK	50	LOW	-8750	8750	-2.17	Pass
42590	10	Q16	50	LOW	-8750	8750	-2.45	Pass

1. LTE_Band26(part90)

1.3 LTE Frequency Stability_Part90(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	LOW	-2047.5	2047.5	-3.2	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-4.5	Pass

1.4 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	-5.3	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-4.6	Pass

1.5 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	1.7	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	1.1	Pass

1.6 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	-6.2	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-5.8	Pass

1.7 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	-6.7	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-4.6	Pass

1.8 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	-4.8	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-4.6	Pass

1.9 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	-0.58	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-1.2	Pass

1.10 LTE Frequency Stability_Part90(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	LOW	-2047.5	2047.5	-3.2	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-2.7	Pass

1.11 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	-6.8	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-6.3	Pass

1.12 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	0.85	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	1.21	Pass

1. CA_38C

1.3 LTE-A Frequency Stability_Part22-24-27(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-12.4	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC1	-12.55	-6506.25	6506.25	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-13.79	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC1	-13.02	-6506.25	6506.25	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-14.12	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC1	-15.42	-6512.25	6512.25	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-16.99	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC1	-15.82	-6512.25	6512.25	Pass

1.4 LTE-A Frequency Stability_Part22-24-27(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-11.74	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC1	-11.49	-6506.25	6506.25	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-12.27	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC1	-13.03	-6506.25	6506.25	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-15.95	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC1	-14.96	-6512.25	6512.25	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-16.12	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC1	-14.66	-6512.25	6512.25	Pass

1.5 LTE-A Frequency Stability_Part22-24-27(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-14.25	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC1	-13.33	-6506.25	6506.25	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-11	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC1	-12.52	-6506.25	6506.25	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-16.14	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC1	-15.31	-6512.25	6512.25	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-15.69	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC1	-15.48	-6512.25	6512.25	Pass

1.6 LTE-A Frequency Stability_Part22-24-27(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-11.99	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC1	-12.56	-6506.25	6506.25	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-12.93	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC1	-13.4	-6506.25	6506.25	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-17.55	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC1	-17.55	-6512.25	6512.25	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-16.54	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC1	-15.18	-6512.25	6512.25	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-12.23	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC1	-12.8	-6506.25	6506.25	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-14.22	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC1	-15.28	-6506.25	6506.25	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-14.18	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC1	-16.54	-6512.25	6512.25	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-16.09	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC1	-17.28	-6512.25	6512.25	Pass

1.8 LTE-A Frequency Stability_Part22-24-27(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-11.49	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC1	-12.06	-6506.25	6506.25	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-13.72	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC1	-14.2	-6506.25	6506.25	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-15.21	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC1	-16.11	-6512.25	6512.25	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-15.46	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC1	-15.26	-6512.25	6512.25	Pass

1.9 LTE-A Frequency Stability_Part22-24-27(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-12.55	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC1	-11.54	-6506.25	6506.25	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-14.33	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC1	-12.35	-6506.25	6506.25	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-15.12	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC1	-17.44	-6512.25	6512.25	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-15.89	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC1	-17.54	-6512.25	6512.25	Pass

1.10 LTE-A Frequency Stability_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-11.44	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC1	-13.38	-6506.25	6506.25	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-13.09	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC1	-12.95	-6506.25	6506.25	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-16.57	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC1	-14.99	-6512.25	6512.25	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-15.76	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC1	-16.55	-6512.25	6512.25	Pass

1.11 LTE-A Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-14.35	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC1	-12.9	-6506.25	6506.25	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-11.32	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC1	-13.29	-6506.25	6506.25	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-15.02	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC1	-16.18	-6512.25	6512.25	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-16.41	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC1	-15.21	-6512.25	6512.25	Pass

1.12 LTE-A Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-12.83	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC1	-13.07	-6506.25	6506.25	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-10.23	-6468.75	6468.75	Pass
37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC1	-12.45	-6506.25	6506.25	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-16.45	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC1	-15.49	-6512.25	6512.25	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-16.12	-6462.75	6462.75	Pass
37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC1	-16.91	-6512.25	6512.25	Pass

1. n2 15kHz

1.3 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	-7.55	-4700	4700	Pass

1.4 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	-7.69	-4700	4700	Pass

1.5 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	-4.94	-4700	4700	Pass

1.6 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	-3.98	-4700	4700	Pass

1.7 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	-3.62	-4700	4700	Pass

1.8 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	-6.49	-4700	4700	Pass

1.9 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	-4.43	-4700	4700	Pass

1.10 Frequency Error for SA_Part22-24-27(50 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	-3.98	-4700	4700	Pass

1.11 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	-5.2	-4700	4700	Pass

1.12 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	-4.2	-4700	4700	Pass

2. n5

2.3 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	-4.72	-2091.25	2091.25	Pass

2.4 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	-4.99	-2091.25	2091.25	Pass

2.5 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	-4.56	-2091.25	2091.25	Pass

2.6 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	-2.83	-2091.25	2091.25	Pass

2.7 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	-3.65	-2091.25	2091.25	Pass

2.8 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	-4.12	-2091.25	2091.25	Pass

2.9 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	-5.29	-2091.25	2091.25	Pass

2.10 Frequency Error for SA_Part22-24-27(50 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	-3.74	-2091.25	2091.25	Pass

2.11 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	-4.62	-2091.25	2091.25	Pass

2.12 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	-2.67	-2091.25	2091.25	Pass

3. n66 15kHz

3.3 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	30	15	DFT-s-OFDM	160	0	QPSK	-5.14	-4362.5	4362.5	Pass

3.4 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	30	15	DFT-s-OFDM	160	0	QPSK	-4.86	-4362.5	4362.5	Pass

3.5 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	30	15	DFT-s-OFDM	160	0	QPSK	-3.14	-4362.5	4362.5	Pass

3.6 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	30	15	DFT-s-OFDM	160	0	QPSK	-3.52	-4362.5	4362.5	Pass

3.7 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	30	15	DFT-s-OFDM	160	0	QPSK	-1.64	-4362.5	4362.5	Pass

3.8 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	30	15	DFT-s-OFDM	160	0	QPSK	-1.3	-4362.5	4362.5	Pass

3.9 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	30	15	DFT-s-OFDM	160	0	QPSK	-2.44	-4362.5	4362.5	Pass

3.10 Frequency Error for SA_Part22-24-27(50 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	30	15	DFT-s-OFDM	160	0	QPSK	-1.88	-4362.5	4362.5	Pass

3.11 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	30	15	DFT-s-OFDM	160	0	QPSK	-2.46	-4362.5	4362.5	Pass

3.12 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	30	15	DFT-s-OFDM	160	0	QPSK	-1.94	-4362.5	4362.5	Pass

4. n7

4.3 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	-8.63	-6337.5	6337.5	Pass

4.4 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	-9.03	-6337.5	6337.5	Pass

4.5 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	-8.59	-6337.5	6337.5	Pass

4.6 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	-7.78	-6337.5	6337.5	Pass

4.7 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	-6.3	-6337.5	6337.5	Pass

4.8 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	-9.19	-6337.5	6337.5	Pass

4.9 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	-8.64	-6337.5	6337.5	Pass

4.10 Frequency Error for SA_Part22-24-27(50 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	-6.11	-6337.5	6337.5	Pass

4.11 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	-8.72	-6337.5	6337.5	Pass

4.12 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	-7.09	-6337.5	6337.5	Pass

5. n38_PC3

5.3 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	-12.41	-6487.5	6487.5	Pass

5.4 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	-12.62	-6487.5	6487.5	Pass

5.5 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	-12.9	-6487.5	6487.5	Pass

5.6 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	-14.34	-6487.5	6487.5	Pass

5.7 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	-13.55	-6487.5	6487.5	Pass

5.8 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	-9.85	-6487.5	6487.5	Pass

5.9 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	-11.23	-6487.5	6487.5	Pass

5.10 Frequency Error for SA_Part22-24-27(50 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	-8.97	-6487.5	6487.5	Pass

5.11 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	-11.79	-6487.5	6487.5	Pass

5.12 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	-12.74	-6487.5	6487.5	Pass

6. n41

6.3 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	-17.97	-6482.47	6482.47	Pass

6.4 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	-14.76	-6482.47	6482.47	Pass

6.5 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	-13.23	-6482.47	6482.47	Pass

6.6 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	-11.2	-6482.47	6482.47	Pass

6.7 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	-14.85	-6482.47	6482.47	Pass

6.8 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	-11.37	-6482.47	6482.47	Pass

6.9 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	-11.26	-6482.47	6482.47	Pass

6.10 Frequency Error for SA_Part22-24-27(50 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	-15.07	-6482.47	6482.47	Pass

6.11 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	-16.95	-6482.47	6482.47	Pass

6.12 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	-15.43	-6482.47	6482.47	Pass

7. n78 30kHz(3450-3550)

7.6 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	-0.85	-8749.95	8749.95	Pass

7.3 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	-0.56	-8749.95	8749.95	Pass

7.4 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	-5.68	-8749.95	8749.95	Pass

7.5 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	-1.08	-8749.95	8749.95	Pass

7.6 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	-0.85	-8749.95	8749.95	Pass

7.7 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	-1.48	-8749.95	8749.95	Pass

7.8 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	-7.44	-8749.95	8749.95	Pass

7.9 Frequency Error for SA_Part22-24-27(50 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	-5.45	-8749.95	8749.95	Pass

7.10 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	-0.99	-8749.95	8749.95	Pass

7.11 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	-0.5	-8749.95	8749.95	Pass

8. n77 30kHz(3450-3550)

8.6 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	-6.3	-8749.95	8749.95	Pass

8.3 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	-5.92	-8749.95	8749.95	Pass

8.4 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	1.5	-8749.95	8749.95	Pass

8.5 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	-0.48	-8749.95	8749.95	Pass

8.6 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	-6.3	-8749.95	8749.95	Pass

8.7 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	-0.93	-8749.95	8749.95	Pass

8.8 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	-5.07	-8749.95	8749.95	Pass

8.9 Frequency Error for SA_Part22-24-27(50 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	-5.56	-8749.95	8749.95	Pass

8.10 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	1355.46	-8749.95	8749.95	Pass

8.11 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	-3.15	-8749.95	8749.95	Pass

9. n77 30kHz(3700-3980)

9.6 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	-1.04	-9600	9600	Pass

9.3 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	-5.06	-9600	9600	Pass

9.4 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	-5.13	-9600	9600	Pass

9.5 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	-1.62	-9600	9600	Pass

9.6 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	-1.04	-9600	9600	Pass

9.7 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	-8.81	-9600	9600	Pass

9.8 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	0.85	-9600	9600	Pass

9.9 Frequency Error for SA_Part22-24-27(50 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	-2.63	-9600	9600	Pass

9.10 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	-0.22	-9600	9600	Pass

9.11 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	-3.58	-9600	9600	Pass

10. n78 30kHz(3700-3800)

10.6 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	0.67	-9375	9375	Pass

10.3 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	0.87	-9375	9375	Pass

10.4 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	-7.76	-9375	9375	Pass

10.5 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	-9.06	-9375	9375	Pass

10.6 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	0.67	-9375	9375	Pass

10.7 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	-12.65	-9375	9375	Pass

10.8 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	-4.3	-9375	9375	Pass

10.9 Frequency Error for SA_Part22-24-27(50 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	-3.1	-9375	9375	Pass

10.10 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	-4.06	-9375	9375	Pass

10.11 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	-4.53	-9375	9375	Pass

11. n12 15kHz

11.3 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.81	-1768.75	1768.75	Pass

11.4 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-3.4	-1768.75	1768.75	Pass

11.4 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.81	-1768.75	1768.75	Pass

11.5 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-1.98	-1768.75	1768.75	Pass

11.6 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-3.4	-1768.75	1768.75	Pass

11.7 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-3.25	-1768.75	1768.75	Pass

11.8 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.47	-1768.75	1768.75	Pass

11.9 Frequency Error for SA_Part22-24-27(50 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.65	-1768.75	1768.75	Pass

11.10 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.2	-1768.75	1768.75	Pass

11.11 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.86	-1768.75	1768.75	Pass