

Frequency Stability

LTE

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	0	±4700	Pass
	-20	-1.57		
	-10	-1.5		
	0	-0.96		
	+10	-0.57		
	+20	-2.16		
	+25	-2.83		
	+30	-2.3		
	+40	-1.42		
	+50	-0.7		
4.4	+25	-1.24	±4700	Pass
3.55	+25	-2.7		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.96	±4700	Pass
	-20	-0.36		
	-10	-0.73		
	0	-0.03		
	+10	-1.63		
	+20	-2.68		
	+25	-2.65		
	+30	-2.03		
	+40	-2.13		
	+50	-1.73		
4.4	+25	-2.72	±4700	Pass
3.55	+25	-1.79		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-1.46	±4331.25	Pass
	-20	-1.67		
	-10	-0.69		
	0	-0.69		
	+10	-1.24		
	+20	-0.94		
	+25	-0.23		
	+30	-2.25		
	+40	-1.07		
	+50	-1.59		
4.4	+25	-2.22		
3.55	+25	-3.09		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	0.2	±4331.25	Pass
	-20	-0.57		
	-10	-0.24		
	0	-0.21		
	+10	-0.83		
	+20	-0.93		
	+25	-0.63		
	+30	-1.65		
	+40	-0.96		
	+50	-0.83		
4.4	+25	-1.85		
3.55	+25	-2.8		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-1.66	±2091.25	Pass
	-20	-1.5		
	-10	-1.1		
	0	-0.06		
	+10	-0.69		
	+20	-0.83		
	+25	-0.89		
	+30	-1.49		
	+40	-2.26		
	+50	-1.44		
4.4	+25	-0.4	±2091.25	Pass
3.55	+25	-0.8		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-1.8	±2091.25	Pass
	-20	-2.15		
	-10	-0.83		
	0	-0.23		
	+10	-0.39		
	+20	-1.62		
	+25	-1.44		
	+30	-1.77		
	+40	-2.43		
	+50	-1.34		
4.4	+25	-0.31	±2091.25	Pass
3.55	+25	-0.04		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	0.62	±6337.5	Pass
	-20	-0.03		
	-10	0.41		
	0	-0.27		
	+10	-0.6		
	+20	0.49		
	+25	-1.29		
	+30	-0.89		
	+40	-0.92		
	+50	0.1		
4.4	+25	-1.1		
3.55	+25	-0.51		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.92	±6337.5	Pass
	-20	1.36		
	-10	0.27		
	0	0.43		
	+10	-1.04		
	+20	0.76		
	+25	0.04		
	+30	-1.07		
	+40	-0.43		
	+50	-1.13		
4.4	+25	-2.65		
3.55	+25	0.03		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.54	±1768.75	Pass
	-20	-0.06		
	-10	-0.11		
	0	0.66		
	+10	-0.16		
	+20	-0.36		
	+25	-0.21		
	+30	-0.51		
	+40	-1.1		
	+50	0.53		
4.4	+25	-0.53	±1768.75	Pass
3.55	+25	-0.4		

LTE Band 12 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.82	±1768.75	Pass
	-20	-0.16		
	-10	-0.23		
	0	0.31		
	+10	-0.04		
	+20	-0.54		
	+25	0.1		
	+30	-0.16		
	+40	0.43		
	+50	0.14		
4.4	+25	-0.03	±1768.75	Pass
3.55	+25	0.57		

LTE Band 13 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.53	±1955	Pass
	-20	-0.21		
	-10	-0.1		
	0	0.65		
	+10	-0.12		
	+20	-0.35		
	+25	-0.12		
	+30	-0.41		
	+40	-1.2		
	+50	0.41		
4.4	+25	-0.52		
3.55	+25	-0.3		

LTE Band 13 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.62	±1955	Pass
	-20	-0.15		
	-10	-0.21		
	0	0.24		
	+10	-0.03		
	+20	-0.53		
	+25	0.3		
	+30	-0.26		
	+40	0.32		
	+50	0.13		
4.4	+25	-0.01		
3.55	+25	0.46		

LTE Band 14 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 793 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	0.21	±1982.5	Pass
	-20	-0.73		
	-10	-0.29		
	0	-0.46		
	+10	-0.43		
	+20	-1.03		
	+25	-1.13		
	+30	-0.19		
	+40	-0.57		
	+50	-0.76		
4.4	+25	-0.56		
3.55	+25	0.23		

LTE Band 14 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 793 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-1	±1982.5	Pass
	-20	-0.13		
	-10	0		
	0	-1.13		
	+10	0.44		
	+20	-0.39		
	+25	-1.3		
	+30	-0.54		
	+40	-1.07		
	+50	-0.34		
4.4	+25	-0.11		
3.55	+25	0.51		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	0.74	±1775	Pass
	-20	-0.08		
	-10	0.9		
	0	1.34		
	+10	0.8		
	+20	1.19		
	+25	1.03		
	+30	0.48		
	+40	0.93		
	+50	0.47		
4.4	+25	0.54	±1775	Pass
3.55	+25	0.09		

LTE Band 17 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	1.17	±1775	Pass
	-20	1.29		
	-10	0.87		
	0	1.2		
	+10	0.91		
	+20	1.2		
	+25	1.42		
	+30	0.79		
	+40	1.04		
	+50	0.27		
4.4	+25	0.49	±1775	Pass
3.55	+25	0.31		

LTE Band 25 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1882.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.47	±4706.25	Pass
	-20	-1.02		
	-10	-1.54		
	0	-1.42		
	+10	-2.5		
	+20	-2.09		
	+25	-0.89		
	+30	-2.56		
	+40	-2.99		
	+50	0.07		
4.4	+25	-2.4	±4706.25	Pass
3.55	+25	-3.2		

LTE Band 25 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1882.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	0.06	±4706.25	Pass
	-20	-0.89		
	-10	-0.44		
	0	-2.25		
	+10	-2.69		
	+20	-2.2		
	+25	-1.03		
	+30	-3.66		
	+40	-2.5		
	+50	-2.06		
4.4	+25	-3.12	±4706.25	Pass
3.55	+25	-3.75		

LTE Band 26 (Part22) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	0.12	±2091.25	Pass
	-20	-0.46		
	-10	1.35		
	0	1.03		
	+10	0.14		
	+20	-0.55		
	+25	-0.87		
	+30	0.09		
	+40	-0.15		
	+50	-0.41		
4.4	+25	-0.58	±2091.25	Pass
3.55	+25	-0.38		

LTE Band 26 (Part22) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.54	±2091.25	Pass
	-20	0.38		
	-10	1.37		
	0	1.69		
	+10	0.52		
	+20	-0.71		
	+25	-0.96		
	+30	0.31		
	+40	-0.31		
	+50	0.08		
4.4	+25	-0.19	±2091.25	Pass
3.55	+25	-0.47		

LTE Band 26 (Part90) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	0.11	±2047.5	Pass
	-20	-0.36		
	-10	1.56		
	0	1.09		
	+10	0.23		
	+20	-0.33		
	+25	-0.76		
	+30	0.13		
	+40	-0.14		
	+50	-0.27		
4.4	+25	-0.53		
3.55	+25	-0.26		

LTE Band 26 (Part90) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.32	±2047.5	Pass
	-20	0.21		
	-10	1.53		
	0	1.76		
	+10	0.49		
	+20	-0.51		
	+25	-0.84		
	+30	0.3		
	+40	-0.28		
	+50	0.05		
4.4	+25	-0.17		
3.55	+25	-0.49		

LTE Band 30 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2310 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-5.26	±5775	Pass
	-20	-5.31		
	-10	-5.37		
	0	-5.33		
	+10	-6.12		
	+20	-5.73		
	+25	-6.37		
	+30	-5.67		
	+40	-4.62		
	+50	-6.63		
4.4	+25	-5.36		
3.55	+25	-6.31		

LTE Band 30 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2310 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-5.01	±5775	Pass
	-20	-4.19		
	-10	-4.29		
	0	-5.29		
	+10	-7.29		
	+20	-4.38		
	+25	-5.16		
	+30	-3.5		
	+40	-4.29		
	+50	-4.91		
4.4	+25	-5.57		
3.55	+25	-5.22		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-5.39	±6487.5	Pass
	-20	-5.44		
	-10	-5.59		
	0	-5.55		
	+10	-6.39		
	+20	-5.81		
	+25	-6.77		
	+30	-5.88		
	+40	-4.71		
	+50	-6.65		
4.4	+25	-5.29		
3.55	+25	-6.62		

LTE Band 38 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-5.08	±6487.5	Pass
	-20	-4.41		
	-10	-4.63		
	0	-5.39		
	+10	-7.05		
	+20	-4.96		
	+25	-5.31		
	+30	-3.2		
	+40	-4.22		
	+50	-4.92		
4.4	+25	-5.56		
3.55	+25	-5.41		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-6.24	±6482.5	Pass
	-20	-5.12		
	-10	-4.56		
	0	-5.88		
	+10	-4.65		
	+20	-5.04		
	+25	-4.18		
	+30	-5.02		
	+40	-4.75		
	+50	-5.99		
4.4	+25	-2.49		
3.55	+25	-4.43		

LTE Band 41 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-4.65	±6482.5	Pass
	-20	-3.82		
	-10	-4.18		
	0	-3.88		
	+10	-4.35		
	+20	-5.14		
	+25	-4.63		
	+30	-4.29		
	+40	-4.39		
	+50	-5.68		
4.4	+25	-5.24		
3.55	+25	-3.1		

LTE Band 42 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3500 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.1	±8750	Pass
	-20	0.04		
	-10	1.04		
	0	-0.21		
	+10	0.54		
	+20	1.1		
	+25	0.33		
	+30	2.45		
	+40	0.47		
	+50	1.04		
4.4	+25	0.64		
3.55	+25	1.32		

LTE Band 42 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3500 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.13	±8750	Pass
	-20	0.17		
	-10	-0.33		
	0	0.73		
	+10	-0.29		
	+20	0.49		
	+25	-0.51		
	+30	1.2		
	+40	1.87		
	+50	0.79		
4.4	+25	1.69		
3.55	+25	-0.34		

LTE Band 43 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3750 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-3.36	±9375	Pass
	-20	-2.56		
	-10	-1.76		
	0	-2.65		
	+10	-3.15		
	+20	-2.52		
	+25	-2.79		
	+30	-4.56		
	+40	-2.39		
	+50	-3.46		
4.4	+25	-3.28		
3.55	+25	-3.68		

LTE Band 43 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3750 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.73	±9375	Pass
	-20	-3.55		
	-10	-3.18		
	0	-2.55		
	+10	-2.45		
	+20	-1.93		
	+25	-2.16		
	+30	-2.49		
	+40	-1.37		
	+50	-2.35		
4.4	+25	-2.16		
3.55	+25	-1.9		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	0.83	±4362.5	Pass
	-20	0.43		
	-10	0.63		
	0	0.26		
	+10	-0.59		
	+20	0.07		
	+25	-0.8		
	+30	-1.33		
	+40	-0.51		
	+50	-1.54		
4.4	+25	-2		
3.55	+25	-2.69		

LTE Band 66 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.46	±4362.5	Pass
	-20	0.96		
	-10	0.7		
	0	-0.33		
	+10	-0.37		
	+20	0.21		
	+25	-0.11		
	+30	-2.46		
	+40	-1.32		
	+50	-1.7		
4.4	+25	-1.79		
3.55	+25	-1.5		

LTE Band 71 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 680.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.39	±1701.25	Pass
	-20	-0.34		
	-10	-0.06		
	0	-0.1		
	+10	-0.17		
	+20	-0.56		
	+25	-0.01		
	+30	-0.59		
	+40	-0.4		
	+50	-0.31		
4.4	+25	0.4	±1701.25	Pass
3.55	+25	-0.46		

LTE Band 71 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 680.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.54	±1701.25	Pass
	-20	0.29		
	-10	0.33		
	0	0.23		
	+10	0.2		
	+20	0.13		
	+25	-0.17		
	+30	-0.39		
	+40	0.36		
	+50	-0.54		
4.4	+25	-0.47	±1701.25	Pass
3.55	+25	-0.29		

CA

CA_5B_QPSK_10MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 834 MHz		SCC MCH 841.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	13.74	±2085	10.98	±2103	Pass
	-20	10.96		11.42		
	-10	9.93		12.36		
	0	12.61		12.32		
	+10	12.8		13.63		
	+20	12.01		9.8		
	+25	10.93		10.97		
	+30	13.3		12.35		
	+40	12.19		11.93		
	+50	12.07		11.79		
4.4	+25	10.62		10.54		
3.55	+25	13.31		13.37		

CA_5B_16QAM_10MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 834 MHz		SCC MCH 841.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	12.7	±2085	12.98	±2103	Pass
	-20	13.69		13.58		
	-10	11.72		12.8		
	0	11.34		11.53		
	+10	12.23		12.02		
	+20	11.84		11.39		
	+25	12.63		10.46		
	+30	14.69		13.12		
	+40	12.89		12.53		
	+50	10.86		12.39		
4.4	+25	11.79		11.91		
3.55	+25	14.01		13.09		

CA_5B QPSK 10MHz+10MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 831.6 MHz		SCC MCH 841.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	25.17	±2079	24.86	±2103.75	Pass
	-20	24.34		24.46		
	-10	26.36		25.96		
	0	24.09		24.41		
	+10	24.42		24.46		
	+20	24.81		24.73		
	+25	24.08		23.72		
	+30	23.25		23.64		
	+40	24.64		25.34		
	+50	25.32		23.13		
4.4	+25	23.37		22.78		
3.55	+25	24.64		24.78		

CA_5B 16QAM 10MHz+10MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 831.6 MHz		SCC MCH 841.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	22.59	±2079	22.56	±2103.75	Pass
	-20	24.06		23.63		
	-10	26.05		23.81		
	0	25.44		25.36		
	+10	25.46		25.65		
	+20	24.97		25.31		
	+25	25.6		25.19		
	+30	24.76		24.2		
	+40	25.91		26.04		
	+50	25.75		25.67		
4.4	+25	24.45		24.11		
3.55	+25	24.98		24.73		

CA_7C QPSK 20MHz+10MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2530.1 MHz		SCC MCH 2544.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	22.15	±6325.25	24.8	±6361.25	Pass
	-20	23.67		23.95		
	-10	25.15		27.45		
	0	26.75		27.31		
	+10	27.42		27.08		
	+20	27.59		28.28		
	+25	23.28		23.59		
	+30	25.58		25.91		
	+40	24.59		22.6		
	+50	26.81		25.4		
4.4	+25	24.33		26.42		
3.55	+25	25.46		24.24		

CA_7C 16QAM 20MHz+10MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2530.1 MHz		SCC MCH 2544.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	25.86	±6325.25	23.8	±6361.25	Pass
	-20	24.69		23.84		
	-10	25.29		25.98		
	0	25.67		24.84		
	+10	27.41		26.74		
	+20	27.87		24.7		
	+25	25.54		27.84		
	+30	22.83		24.96		
	+40	24.71		24.72		
	+50	25.34		24.88		
4.4	+25	26.21		25.85		
3.55	+25	25.65		27.94		

CA_7C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2525.1 MHz		SCC MCH 2544.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	54.46	±6312.75	50.08	±6362.25	Pass
	-20	50.44		51.81		
	-10	50.11		49.4		
	0	53.06		52.53		
	+10	52.75		51.92		
	+20	49.96		50.37		
	+25	49.24		50.68		
	+30	52.71		52.37		
	+40	50.91		51.95		
	+50	55.51		50.91		
4.4	+25	50.79		51.21		
3.55	+25	53.64		53.43		

CA_7C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2525.1 MHz		SCC MCH 2544.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	52.74	±6312.75	52.51	±6362.25	Pass
	-20	52.16		50.91		
	-10	52.47		52.72		
	0	48.9		52.32		
	+10	52.77		52.87		
	+20	53.39		53.91		
	+25	52.03		50.05		
	+30	52.95		49.28		
	+40	52.19		51.18		
	+50	53.44		53.7		
4.4	+25	53.3		53.05		
3.55	+25	52.61		52.93		

CA_38C QPSK 15MHz+15MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2587.5 MHz		SCC MCH 2602.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	28.8	±6468.75	-28.7	±6506.25	Pass
	-20	33		-22.4		
	-10	33.8		-25.8		
	0	34.2		-28.4		
	+10	34.9		-24.7		
	+20	31.7		-24.4		
	+25	26.9		-24.8		
	+30	29.5		-26.2		
	+40	31.2		-26.8		
	+50	32.3		-23.8		
4.4	+25	35.3		-22.5		
3.55	+25	29.1		-28		

CA_38C 16QAM 15MHz+15MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2587.5 MHz		SCC MCH 2602.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	31.8	±6468.75	-29.2	±6506.25	Pass
	-20	33.3		-24		
	-10	35.9		-29.2		
	0	30.6		-23.7		
	+10	27.1		-28.5		
	+20	34.1		-27.1		
	+25	32.2		-28.2		
	+30	28.6		-25.2		
	+40	31.4		-23.5		
	+50	29.1		-27.5		
4.4	+25	26.5		-26.6		
3.55	+25	28.5		-25.3		

CA_38C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2585.1 MHz		SCC MCH 2604.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	41	±6462.75	-36.9	±6512.25	Pass
	-20	42.3		-34.1		
	-10	46.9		-40.7		
	0	39.7		-36.5		
	+10	44.7		-35.7		
	+20	42.3		-36.8		
	+25	42.6		-35.1		
	+30	42.9		-35.3		
	+40	38.6		-34		
	+50	41.2		-32.9		
4.4	+25	43.2		-33.4		
3.55	+25	41.2		-36.3		

CA_38C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2585.1 MHz		SCC MCH 2604.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	46.9	±6462.75	-29.7	±6512.25	Pass
	-20	42.9		-34.5		
	-10	40.3		-36.2		
	0	43.9		-36.8		
	+10	43.8		-35.7		
	+20	40.2		-35		
	+25	41.4		-34.7		
	+30	42.4		-32.7		
	+40	42.5		-34.6		
	+50	45.2		-34.5		
4.4	+25	41.6		-30.8		
3.55	+25	44.7		-33.1		

CA_41C QPSK 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2590.5 MHz		SCC MCH 2602.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	10	±6476.25	-36.5	±6505.5	Pass
	-20	14.1		-34.4		
	-10	11.6		-41.1		
	0	10.7		-39.4		
	+10	13		-33.5		
	+20	12.5		-36.5		
	+25	13.4		-36.5		
	+30	12.2		-39.1		
	+40	11.2		-36.5		
	+50	13.7		-40.2		
4.4	+25	13		-39.8		
3.55	+25	11.1		-32.8		

CA_41C 16QAM 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2590.5 MHz		SCC MCH 2602.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	8.8	±6476.25	-36.9	±6505.5	Pass
	-20	11.8		-36.4		
	-10	10.2		-39.1		
	0	9.9		-38.8		
	+10	11.8		-37.1		
	+20	7.6		-37.3		
	+25	13.9		-36.3		
	+30	9.6		-38.5		
	+40	7.9		-38.1		
	+50	12.9		-35.2		
4.4	+25	10.3		-40.9		
3.55	+25	13.9		-36		

CA_41C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2583.1 MHz		SCC MCH 2602.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	41.3	±6457.75	-37.2	±6507.25	Pass
	-20	43.7		-37.1		
	-10	41.8		-33.8		
	0	40.4		-34.5		
	+10	47.1		-35		
	+20	44.5		-39.6		
	+25	44.1		-40.7		
	+30	41.5		-37.9		
	+40	42.6		-36.1		
	+50	44.6		-38.3		
4.4	+25	43.9		-38.2		
3.55	+25	40.2		-37		

CA_41C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2583.1 MHz		SCC MCH 2602.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	44.3	±6457.75	-37	±6507.25	Pass
	-20	45.2		-36.1		
	-10	43.2		-38.2		
	0	44.6		-37.9		
	+10	46.5		-33.4		
	+20	46.6		-39.2		
	+25	44.3		-36.9		
	+30	45.2		-38.9		
	+40	43.4		-37.7		
	+50	42.1		-35.8		
4.4	+25	43.3		-34.8		
3.55	+25	44.7		-39.9		

CA_42C QPSK 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 3497.9 MHz		SCC MCH 3509.6 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	10.9	±8744.75	-35	±8774	Pass
	-20	13.5		-37.6		
	-10	10.3		-38.4		
	0	13.9		-37.5		
	+10	7.5		-34.9		
	+20	11		-35.8		
	+25	11.9		-31.8		
	+30	9.7		-35		
	+40	9.1		-37.2		
	+50	14		-34.5		
4.4	+25	12.2		-34.5		
3.55	+25	13.5		-37.8		

CA_42C 16QAM 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 3497.9 MHz		SCC MCH 3509.6 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	10.2	±8744.75	-37.1	±8774	Pass
	-20	12.6		-33		
	-10	12.2		-35.3		
	0	13.3		-38.9		
	+10	8.4		-35.3		
	+20	10.5		-37.5		
	+25	13.6		-38.1		
	+30	13.5		-37.5		
	+40	8.6		-33.7		
	+50	8.3		-35.1		
4.4	+25	9.6		-39.2		
3.55	+25	11.8		-38		

CA_42C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 3490.1 MHz		SCC MCH 3509.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	44.4	±8725.25	-37	±8774.75	Pass
	-20	38.4		-38.4		
	-10	43.4		-35.4		
	0	44.9		-34.2		
	+10	47		-32.1		
	+20	43.5		-37.3		
	+25	47		-39.6		
	+30	39.7		-33.9		
	+40	43.5		-34.4		
	+50	46.7		-35.2		
4.4	+25	48.5		-34.8		
3.55	+25	45.7		-34.8		

CA_42C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 3490.1 MHz		SCC MCH 3509.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	44.2	±8725.25	-37	±8774.75	Pass
	-20	39.4		-36.5		
	-10	45.3		-33.9		
	0	45		-36.8		
	+10	45.1		-39.3		
	+20	41.4		-35.1		
	+25	44		-36.1		
	+30	44		-37.9		
	+40	43.9		-32.9		
	+50	44.4		-35.3		
4.4	+25	45.7		-34.6		
3.55	+25	45.4		-36.3		

CA_66C QPSK 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1752.5 MHz		SCC MCH 1764.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	10.7	±4381.25	-37.5	±4410.5	Pass
	-20	9.9		-38.2		
	-10	11.2		-39.3		
	0	10.3		-38.5		
	+10	12		-37.8		
	+20	11.1		-40		
	+25	9.2		-40.3		
	+30	13.4		-39.8		
	+40	12.4		-41.5		
	+50	9.2		-38.9		
4.4	+25	11.7		-37.4		
3.55	+25	10		-40.5		

CA_66C 16QAM 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1752.5 MHz		SCC MCH 1764.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	11.5	±4381.25	-39	±4410.5	Pass
	-20	10.1		-39.5		
	-10	11.1		-39.6		
	0	10.2		-38.3		
	+10	9.6		-41.1		
	+20	11.6		-39.2		
	+25	10.4		-41.1		
	+30	10.2		-37.9		
	+40	12.3		-40.7		
	+50	11.6		-40.6		
4.4	+25	12		-40.3		
3.55	+25	11.4		-40		

CA_66C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1745.1 MHz		SCC MCH 1764.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	43.2	±4362.75	-40	±4412.25	Pass
	-20	42.4		-39.7		
	-10	44.3		-41.5		
	0	42.6		-41.9		
	+10	44.9		-41.4		
	+20	44.8		-41.1		
	+25	43.5		-42.1		
	+30	46.6		-39.1		
	+40	45.2		-40		
	+50	44.3		-42.2		
4.4	+25	43.8		-42.2		
3.55	+25	46.6		-41.6		

CA_66C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1745.1 MHz		SCC MCH 1764.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
4	-30	42.5	±4362.75	-39.9	±4412.25	Pass
	-20	42.7		-39.2		
	-10	46.2		-40		
	0	44		-42.5		
	+10	45.4		-40.1		
	+20	44.2		-38.4		
	+25	42.5		-40.6		
	+30	45.2		-41.1		
	+40	43.9		-39.8		
	+50	45.2		-41.4		
4.4	+25	45.2		-40.9		
3.55	+25	45.3		-41		

NR

NR Band n2 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	7.65	±4700	Pass
	-20	6		
	-10	5.95		
	0	6.05		
	+10	7.45		
	+20	7.24		
	+25	5.98		
	+30	8.01		
	+40	7.29		
	+50	6.77		
4.4	+25	7.18		
3.55	+25	4.86		

NR Band n5 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	5.21	±2091.25	Pass
	-20	4.03		
	-10	3.42		
	0	4.85		
	+10	5.27		
	+20	4.41		
	+25	4.83		
	+30	4.92		
	+40	4.84		
	+50	3.77		
4.4	+25	5.47		
3.55	+25	4.31		

NR Band n7 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	3.78	±6337.5	Pass
	-20	6.46		
	-10	1.91		
	0	4.56		
	+10	4.3		
	+20	4.88		
	+25	3.57		
	+30	3.71		
	+40	2.39		
	+50	5.29		
4.4	+25	5.68	±6337.5	Pass
3.55	+25	3.56		

NR Band n12 QPSK 15 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-2.6	±1768.75	Pass
	-20	-2.74		
	-10	-2.98		
	0	-3.31		
	+10	-2.76		
	+20	-2.74		
	+25	-3.43		
	+30	-2.01		
	+40	-3.21		
	+50	-2.16		
4.4	+25	-2.62	±1768.75	Pass
3.55	+25	-2.85		

NR Band n13 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	2.89	±1955	Pass
	-20	1.21		
	-10	2.5		
	0	2.26		
	+10	1.03		
	+20	1.37		
	+25	1.4		
	+30	2.12		
	+40	1.25		
	+50	2.51		
4.4	+25	2.21		
3.55	+25	2.56		

NR Band n14 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 793 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	1.54	±1982.5	Pass
	-20	1.21		
	-10	1.06		
	0	2.14		
	+10	0.8		
	+20	1.18		
	+25	1.65		
	+30	1.52		
	+40	1.9		
	+50	1.31		
4.4	+25	-0.08		
3.55	+25	1.99		

NR Band n25 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1882.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	5.08	±4706.25	Pass
	-20	4.76		
	-10	5.14		
	0	6.37		
	+10	4.49		
	+20	5.07		
	+25	4.55		
	+30	4.09		
	+40	4.52		
	+50	6.8		
4.4	+25	6.11	±4706.25	Pass
3.55	+25	5.82		

NR Band n26(PART22) QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	3.81	±2091.25	Pass
	-20	4.62		
	-10	3.52		
	0	4.43		
	+10	4.97		
	+20	-5.25		
	+25	5.06		
	+30	3.46		
	+40	4.51		
	+50	3.59		
4.4	+25	3.96	±2091.25	Pass
3.55	+25	3.62		

NR Band n26(PART90) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-3.31	±2047.5	Pass
	-20	-3		
	-10	-2.19		
	0	-1.95		
	+10	-2.17		
	+20	-2.17		
	+25	-2.48		
	+30	-2.88		
	+40	-2.48		
	+50	-1.42		
4.4	+25	-2.64	±2047.5	Pass
3.55	+25	-3.02		

NR Band n30 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2310 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-3.44	±5775	Pass
	-20	-4.77		
	-10	-1.75		
	0	-3.65		
	+10	-3.37		
	+20	-2.44		
	+25	-2.13		
	+30	-2.99		
	+40	-3.79		
	+50	-3.02		
4.4	+25	-4.74	±5775	Pass
3.55	+25	-5.28		

NR Band n38 QPSK 40 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-7.37	±6487.5	Pass
	-20	-6.24		
	-10	-9.08		
	0	-7.83		
	+10	-12.79		
	+20	-4.47		
	+25	-11.69		
	+30	-6.58		
	+40	-13.91		
	+50	-9.6		
4.4	+25	-9.4	±6487.5	Pass
3.55	+25	-7.64		

NR Band n41 QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.99 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-12.88	±6482.47	Pass
	-20	-11.43		
	-10	-13.35		
	0	-14.17		
	+10	-14.81		
	+20	-10.01		
	+25	-15.07		
	+30	-6.07		
	+40	-11.25		
	+50	-9.61		
4.4	+25	-9.74	±6482.47	Pass
3.55	+25	-14.22		

NR Band n66 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-3.33	±4362.5	Pass
	-20	-0.41		
	-10	-1.22		
	0	-1.65		
	+10	-5.11		
	+20	-1.85		
	+25	-3.89		
	+30	-2.04		
	+40	-4.66		
	+50	-1.38		
4.4	+25	-1.36		
3.55	+25	-1.76		

NR Band n71 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 680.5 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-0.79	±1701.25	Pass
	-20	-0.6		
	-10	-1.51		
	0	-1.03		
	+10	-0.13		
	+20	-1.15		
	+25	0.01		
	+30	-1.73		
	+40	-0.81		
	+50	-0.97		
4.4	+25	-0.13		
3.55	+25	-0.5		

NR Band n77 (3450-3550) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3499.98 MHz		
		Value(Hz)	Limits (Hz)	
4	-30	-2.3	±8749.95	Pass
	-20	-3.6		
	-10	-1.74		
	0	-6.27		
	+10	-1.08		
	+20	-4.33		
	+25	-7.47		
	+30	-7.47		
	+40	0.56		
	+50	-7.23		
4.4	+25	-14.22		
3.55	+25	-9.62		

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)	
4	-30	-2.58	±9600	Pass
	-20	-0.77		
	-10	-3.54		
	0	-8.99		
	+10	-5.76		
	+20	-10.63		
	+25	-9.5		
	+30	-5.52		
	+40	-0.39		
	+50	-14.72		
4.4	+25	-8.15		
3.55	+25	-1.11		

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)	
4	-30	-4.45	±8749.95	Pass
	-20	-4.19		
	-10	-9.26		
	0	-2.47		
	+10	-5.83		
	+20	-7.37		
	+25	-4.52		
	+30	-11.12		
	+40	-7.46		
	+50	-7.11		
4.4	+25	-7.97		
3.55	+25	-2.37		

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)	
4	-30	-9.68	±9375	Pass
	-20	-7.67		
	-10	-7.84		
	0	-4.62		
	+10	-7.88		
	+20	-8.25		
	+25	-4.4		
	+30	-5.99		
	+40	-11.55		
	+50	-1.75		
4.4	+25	-9.32		
3.55	+25	-7.14		

1. LTE_Band2

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	LOW	-4700	4700	0	Pass
18900	10	Q16	50	LOW	-4700	4700	-0.96	Pass

1.2 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	-1.57	Pass
18900	10	Q16	50	LOW	-4700	4700	-0.36	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	LOW	-4700	4700	-1.5	Pass
18900	10	Q16	50	LOW	-4700	4700	-0.73	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
18900	10	QPSK	50	LOW	-4700	4700	-0.96	Pass
18900	10	Q16	50	LOW	-4700	4700	-0.03	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	LOW	-4700	4700	-0.57	Pass
18900	10	Q16	50	LOW	-4700	4700	-1.63	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	LOW	-4700	4700	-2.16	Pass
18900	10	Q16	50	LOW	-4700	4700	-2.68	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	LOW	-4700	4700	-2.83	Pass
18900	10	Q16	50	LOW	-4700	4700	-2.65	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	LOW	-4700	4700	-2.3	Pass
18900	10	Q16	50	LOW	-4700	4700	-2.03	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	LOW	-4700	4700	-1.42	Pass
18900	10	Q16	50	LOW	-4700	4700	-2.13	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
18900	10	QPSK	50	LOW	-4700	4700	-0.7	Pass
18900	10	Q16	50	LOW	-4700	4700	-1.73	Pass

1.11 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	LOW	-4700	4700	-1.24	Pass
18900	10	Q16	50	LOW	-4700	4700	-2.72	Pass

1.12 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	LOW	-4700	4700	-2.7	Pass
18900	10	Q16	50	LOW	-4700	4700	-1.79	Pass

2. LTE_Band4

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	LOW	-4331.25	4331.25	-1.46	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	0.2	Pass

2.2 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	-1.67	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.57	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	LOW	-4331.25	4331.25	-0.69	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.24	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	-0.69	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.21	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	-1.24	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.83	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	-0.94	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.93	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	-0.23	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.63	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	-2.25	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-1.65	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	-1.07	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.96	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	-1.59	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-0.83	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	-2.22	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-1.85	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
20175	10	QPSK	50	LOW	-4331.25	4331.25	-3.09	Pass
20175	10	Q16	50	LOW	-4331.25	4331.25	-2.8	Pass

3. LTE_Band5

3.1 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	-1.66	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-1.8	Pass

3.2 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	-1.5	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-2.15	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	LOW	-2091.25	2091.25	-1.1	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.83	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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-0.06	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.23	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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-0.69	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.39	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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-0.83	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-1.62	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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-0.89	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-1.44	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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-1.49	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-1.77	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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-2.26	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-2.43	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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-1.44	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-1.34	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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-0.4	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.31	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
20525	10	QPSK	50	LOW	-2091.25	2091.25	-0.8	Pass
20525	10	Q16	50	LOW	-2091.25	2091.25	-0.04	Pass

4. LTE_Band7

4.1 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	0.62	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-0.92	Pass

4.2 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	-0.03	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	1.36	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	LOW	-6337.5	6337.5	0.41	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	0.27	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
21100	10	QPSK	50	LOW	-6337.5	6337.5	-0.27	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	0.43	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
21100	10	QPSK	50	LOW	-6337.5	6337.5	-0.6	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-1.04	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
21100	10	QPSK	50	LOW	-6337.5	6337.5	0.49	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	0.76	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
21100	10	QPSK	50	LOW	-6337.5	6337.5	-1.29	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	0.04	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
21100	10	QPSK	50	LOW	-6337.5	6337.5	-0.89	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-1.07	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
21100	10	QPSK	50	LOW	-6337.5	6337.5	-0.92	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-0.43	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
21100	10	QPSK	50	LOW	-6337.5	6337.5	0.1	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-1.13	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
21100	10	QPSK	50	LOW	-6337.5	6337.5	-1.1	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	-2.65	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
21100	10	QPSK	50	LOW	-6337.5	6337.5	-0.51	Pass
21100	10	Q16	50	LOW	-6337.5	6337.5	0.03	Pass

5. LTE_Band12

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.54	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.82	Pass

5.2 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	-0.06	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.16	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.11	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.23	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
23095	10	QPSK	50	LOW	-1768.75	1768.75	0.66	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	0.31	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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.16	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.04	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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.36	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.54	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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.21	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	0.1	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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.51	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.16	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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-1.1	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	0.43	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
23095	10	QPSK	50	LOW	-1768.75	1768.75	0.53	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	0.14	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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.53	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	-0.03	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
23095	10	QPSK	50	LOW	-1768.75	1768.75	-0.4	Pass
23095	10	Q16	50	LOW	-1768.75	1768.75	0.57	Pass

6. LTE_Band13

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	LOW	-1955	1955	-0.53	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.62	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	LOW	-1955	1955	-0.21	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.15	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	LOW	-1955	1955	-0.1	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.21	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
23230	10	QPSK	50	LOW	-1955	1955	0.65	Pass
23230	10	Q16	50	LOW	-1955	1955	0.24	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
23230	10	QPSK	50	LOW	-1955	1955	-0.12	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.03	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
23230	10	QPSK	50	LOW	-1955	1955	-0.35	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.53	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
23230	10	QPSK	50	LOW	-1955	1955	-0.12	Pass
23230	10	Q16	50	LOW	-1955	1955	0.3	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
23230	10	QPSK	50	LOW	-1955	1955	-0.41	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.26	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
23230	10	QPSK	50	LOW	-1955	1955	-1.2	Pass
23230	10	Q16	50	LOW	-1955	1955	0.32	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
23230	10	QPSK	50	LOW	-1955	1955	0.41	Pass
23230	10	Q16	50	LOW	-1955	1955	0.13	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
23230	10	QPSK	50	LOW	-1955	1955	-0.52	Pass
23230	10	Q16	50	LOW	-1955	1955	-0.01	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
23230	10	QPSK	50	LOW	-1955	1955	-0.3	Pass
23230	10	Q16	50	LOW	-1955	1955	0.46	Pass

1. LTE_Band14

1.1 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
23330	10	QPSK	50	0	-1982.5	1982.5	0.21	Pass
23330	10	16QAM	50	0	-1982.5	1982.5	-1	Pass

1.2 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
23330	10	QPSK	50	0	-1982.5	1982.5	-0.73	Pass
23330	10	16QAM	50	0	-1982.5	1982.5	-0.13	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	-0.29	Pass
23330	10	16QAM	50	0	-1982.5	1982.5	0	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
23330	10	QPSK	50	0	-1982.5	1982.5	-0.46	Pass
23330	10	16QAM	50	0	-1982.5	1982.5	-1.13	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	-0.43	Pass
23330	10	16QAM	50	0	-1982.5	1982.5	0.44	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
23330	10	QPSK	50	0	-1982.5	1982.5	-1.03	Pass
23330	10	16QAM	50	0	-1982.5	1982.5	-0.39	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
23330	10	QPSK	50	0	-1982.5	1982.5	-1.13	Pass
23330	10	16QAM	50	0	-1982.5	1982.5	-1.3	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
23330	10	QPSK	50	0	-1982.5	1982.5	-0.19	Pass
23330	10	16QAM	50	0	-1982.5	1982.5	-0.54	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
23330	10	QPSK	50	0	-1982.5	1982.5	-0.57	Pass
23330	10	16QAM	50	0	-1982.5	1982.5	-1.07	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
23330	10	QPSK	50	0	-1982.5	1982.5	-0.76	Pass
23330	10	16QAM	50	0	-1982.5	1982.5	-0.34	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
23330	10	QPSK	50	0	-1982.5	1982.5	-0.56	Pass
23330	10	16QAM	50	0	-1982.5	1982.5	-0.11	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
23330	10	QPSK	50	0	-1982.5	1982.5	0.23	Pass
23330	10	16QAM	50	0	-1982.5	1982.5	0.51	Pass

7. LTE_Band17

7.1 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	0.74	Pass
23790	10	Q16	50	LOW	-1775	1775	1.17	Pass

7.2 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	-0.08	Pass
23790	10	Q16	50	LOW	-1775	1775	1.29	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	LOW	-1775	1775	0.9	Pass
23790	10	Q16	50	LOW	-1775	1775	0.87	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
23790	10	QPSK	50	LOW	-1775	1775	1.34	Pass
23790	10	Q16	50	LOW	-1775	1775	1.2	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
23790	10	QPSK	50	LOW	-1775	1775	0.8	Pass
23790	10	Q16	50	LOW	-1775	1775	0.91	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
23790	10	QPSK	50	LOW	-1775	1775	1.19	Pass
23790	10	Q16	50	LOW	-1775	1775	1.2	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
23790	10	QPSK	50	LOW	-1775	1775	1.03	Pass
23790	10	Q16	50	LOW	-1775	1775	1.42	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
23790	10	QPSK	50	LOW	-1775	1775	0.48	Pass
23790	10	Q16	50	LOW	-1775	1775	0.79	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
23790	10	QPSK	50	LOW	-1775	1775	0.93	Pass
23790	10	Q16	50	LOW	-1775	1775	1.04	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
23790	10	QPSK	50	LOW	-1775	1775	0.47	Pass
23790	10	Q16	50	LOW	-1775	1775	0.27	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
23790	10	QPSK	50	LOW	-1775	1775	0.54	Pass
23790	10	Q16	50	LOW	-1775	1775	0.49	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
23790	10	QPSK	50	LOW	-1775	1775	0.09	Pass
23790	10	Q16	50	LOW	-1775	1775	0.31	Pass

8. LTE_Band26(part22)

8.1 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	0.12	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.54	Pass

8.2 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	-0.46	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	0.38	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	LOW	-2091.25	2091.25	1.35	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	1.37	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
26915	10	QPSK	50	LOW	-2091.25	2091.25	1.03	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	1.69	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
26915	10	QPSK	50	LOW	-2091.25	2091.25	0.14	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	0.52	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
26915	10	QPSK	50	LOW	-2091.25	2091.25	-0.55	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.71	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
26915	10	QPSK	50	LOW	-2091.25	2091.25	-0.87	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.96	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
26915	10	QPSK	50	LOW	-2091.25	2091.25	0.09	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	0.31	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
26915	10	QPSK	50	LOW	-2091.25	2091.25	-0.15	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.31	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
26915	10	QPSK	50	LOW	-2091.25	2091.25	-0.41	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	0.08	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
26915	10	QPSK	50	LOW	-2091.25	2091.25	-0.58	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.19	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
26915	10	QPSK	50	LOW	-2091.25	2091.25	-0.38	Pass
26915	10	Q16	50	LOW	-2091.25	2091.25	-0.47	Pass

2. LTE_Band26(part90)

2.1 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	0.11	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-0.32	Pass

2.2 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	-0.36	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	0.21	Pass

2.3 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	1.56	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	1.53	Pass

2.4 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	1.09	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	1.76	Pass

2.5 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	0.23	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	0.49	Pass

2.6 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	-0.33	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-0.51	Pass

2.7 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	-0.76	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-0.84	Pass

2.8 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	0.13	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	0.30	Pass

2.9 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	-0.14	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-0.28	Pass

2.10 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	-0.27	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	0.05	Pass

2.11 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	-0.53	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-0.17	Pass

2.12 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	-0.26	Pass
26740	10	Q16	50	LOW	-2047.5	2047.5	-0.49	Pass

9. LTE_Band71

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	LOW	-1701.25	1701.25	-0.39	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	-0.54	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	LOW	-1701.25	1701.25	-0.34	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0.29	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	LOW	-1701.25	1701.25	-0.06	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0.33	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
133297	10	QPSK	50	LOW	-1701.25	1701.25	-0.1	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0.23	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
133297	10	QPSK	50	LOW	-1701.25	1701.25	-0.17	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0.2	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
133297	10	QPSK	50	LOW	-1701.25	1701.25	-0.56	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0.13	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
133297	10	QPSK	50	LOW	-1701.25	1701.25	-0.01	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	-0.17	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
133297	10	QPSK	50	LOW	-1701.25	1701.25	-0.59	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	-0.39	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
133297	10	QPSK	50	LOW	-1701.25	1701.25	-0.4	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0.36	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
133297	10	QPSK	50	LOW	-1701.25	1701.25	-0.31	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	0	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
133297	10	QPSK	50	LOW	-1701.25	1701.25	0.4	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	-0.47	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
133297	10	QPSK	50	LOW	-1701.25	1701.25	-0.46	Pass
133297	10	Q16	50	LOW	-1701.25	1701.25	-0.29	Pass

10. LTE_Band25

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26365	10	QPSK	50	LOW	-4706.25	4706.25	-0.47	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	0.06	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26365	10	QPSK	50	LOW	-4706.25	4706.25	-1.02	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-0.89	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26365	10	QPSK	50	LOW	-4706.25	4706.25	-1.54	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-0.44	Pass

10.4 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	-1.42	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-2.25	Pass

10.5 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	-2.5	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-2.69	Pass

10.6 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	-2.09	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-2.2	Pass

10.7 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	-0.89	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-1.03	Pass

10.8 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	-2.56	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-3.66	Pass

10.9 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	-2.99	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-2.5	Pass

10.10 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	0.07	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-2.06	Pass

10.11 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	-2.4	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-3.12	Pass

10.12 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
26365	10	QPSK	50	LOW	-4706.25	4706.25	-3.2	Pass
26365	10	Q16	50	LOW	-4706.25	4706.25	-3.75	Pass

11. LTE_Band30

11.1 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
27710	10	QPSK	50	LOW	-5775	5775	-5.26	Pass
27710	10	Q16	50	LOW	-5775	5775	-5.01	Pass

11.2 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
27710	10	QPSK	50	LOW	-5775	5775	-5.31	Pass
27710	10	Q16	50	LOW	-5775	5775	-4.19	Pass

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
27710	10	QPSK	50	LOW	-5775	5775	-5.37	Pass
27710	10	Q16	50	LOW	-5775	5775	-4.29	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
27710	10	QPSK	50	LOW	-5775	5775	-5.33	Pass
27710	10	Q16	50	LOW	-5775	5775	-5.29	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
27710	10	QPSK	50	LOW	-5775	5775	-6.12	Pass
27710	10	Q16	50	LOW	-5775	5775	-7.29	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
27710	10	QPSK	50	LOW	-5775	5775	-5.73	Pass
27710	10	Q16	50	LOW	-5775	5775	-4.38	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
27710	10	QPSK	50	LOW	-5775	5775	-6.37	Pass
27710	10	Q16	50	LOW	-5775	5775	-5.16	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
27710	10	QPSK	50	LOW	-5775	5775	-5.67	Pass
27710	10	Q16	50	LOW	-5775	5775	-3.5	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
27710	10	QPSK	50	LOW	-5775	5775	-4.62	Pass
27710	10	Q16	50	LOW	-5775	5775	-4.29	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
27710	10	QPSK	50	LOW	-5775	5775	-6.63	Pass
27710	10	Q16	50	LOW	-5775	5775	-4.91	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
27710	10	QPSK	50	LOW	-5775	5775	-5.36	Pass
27710	10	Q16	50	LOW	-5775	5775	-5.57	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
27710	10	QPSK	50	LOW	-5775	5775	-6.31	Pass
27710	10	Q16	50	LOW	-5775	5775	-5.22	Pass

12. LTE_Band38

12.1 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	-5.39	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-5.08	Pass

12.2 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	-5.44	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-4.41	Pass

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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-5.59	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-4.63	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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-5.55	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-5.39	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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-6.39	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-7.05	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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-5.81	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-4.96	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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-6.77	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-5.31	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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-5.88	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-3.2	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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-4.71	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-4.22	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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-6.65	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-4.92	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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-5.29	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-5.56	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
38000	10	QPSK	50	LOW	-6487.5	6487.5	-6.62	Pass
38000	10	Q16	50	LOW	-6487.5	6487.5	-5.41	Pass

13. LTE_Band41 full

13.1 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	-6.24	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-4.65	Pass

13.2 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	-5.12	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-3.82	Pass

13.3 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	-4.56	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-4.18	Pass

13.4 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	-5.88	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-3.88	Pass

13.5 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	-4.65	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-4.35	Pass

13.6 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	-5.04	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-5.14	Pass

13.7 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	-4.18	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-4.63	Pass

13.8 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	-5.02	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-4.29	Pass

13.9 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	-4.75	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-4.39	Pass

13.10 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	-5.99	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-5.68	Pass

13.11 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	-2.49	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-5.24	Pass

13.12 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	-4.43	Pass
40620	10	Q16	50	LOW	-6482.5	6482.5	-3.1	Pass

14. LTE_Band66

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	LOW	-4362.5	4362.5	0.83	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.46	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	LOW	-4362.5	4362.5	0.43	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	0.96	Pass

14.3 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	0.63	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	0.7	Pass

14.4 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	0.26	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.33	Pass

14.5 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	-0.59	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.37	Pass

14.6 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	0.07	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	0.21	Pass

14.7 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	-0.8	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-0.11	Pass

14.8 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	-1.33	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-2.46	Pass

14.9 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	-0.51	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-1.32	Pass

14.10 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	-1.54	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-1.7	Pass

14.11 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	-2	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-1.79	Pass

14.12 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	-2.69	Pass
132322	10	Q16	50	LOW	-4362.5	4362.5	-1.5	Pass

15. LTE_Band42 3450-3550

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	LOW	-8750	8750	-0.1	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.13	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	LOW	-8750	8750	0.04	Pass
42590	10	Q16	50	LOW	-8750	8750	0.17	Pass

15.3 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	1.04	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.33	Pass

15.4 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	-0.21	Pass
42590	10	Q16	50	LOW	-8750	8750	0.73	Pass

15.5 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	0.54	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.29	Pass

15.6 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	1.1	Pass
42590	10	Q16	50	LOW	-8750	8750	0.49	Pass

15.7 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	0.33	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.51	Pass

15.8 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	2.45	Pass
42590	10	Q16	50	LOW	-8750	8750	1.2	Pass

15.9 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	0.47	Pass
42590	10	Q16	50	LOW	-8750	8750	1.87	Pass

15.10 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	1.04	Pass
42590	10	Q16	50	LOW	-8750	8750	0.79	Pass

15.11 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	0.64	Pass
42590	10	Q16	50	LOW	-8750	8750	1.69	Pass

15.12 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	1.32	Pass
42590	10	Q16	50	LOW	-8750	8750	-0.34	Pass

16. LTE_Band43 3700-3800

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
45090	10	QPSK	50	LOW	-9375	9375	-3.36	Pass
45090	10	Q16	50	LOW	-9375	9375	-0.73	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
45090	10	QPSK	50	LOW	-9375	9375	-2.56	Pass
45090	10	Q16	50	LOW	-9375	9375	-3.55	Pass

16.3 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
45090	10	QPSK	50	LOW	-9375	9375	-1.76	Pass
45090	10	Q16	50	LOW	-9375	9375	-3.18	Pass

16.4 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
45090	10	QPSK	50	LOW	-9375	9375	-2.65	Pass
45090	10	Q16	50	LOW	-9375	9375	-2.55	Pass

16.5 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
45090	10	QPSK	50	LOW	-9375	9375	-3.15	Pass
45090	10	Q16	50	LOW	-9375	9375	-2.45	Pass

16.6 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
45090	10	QPSK	50	LOW	-9375	9375	-2.52	Pass
45090	10	Q16	50	LOW	-9375	9375	-1.93	Pass

16.7 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
45090	10	QPSK	50	LOW	-9375	9375	-2.79	Pass
45090	10	Q16	50	LOW	-9375	9375	-2.16	Pass

16.8 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
45090	10	QPSK	50	LOW	-9375	9375	-4.56	Pass
45090	10	Q16	50	LOW	-9375	9375	-2.49	Pass

16.9 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
45090	10	QPSK	50	LOW	-9375	9375	-2.39	Pass
45090	10	Q16	50	LOW	-9375	9375	-1.37	Pass

16.10 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
45090	10	QPSK	50	LOW	-9375	9375	-3.46	Pass
45090	10	Q16	50	LOW	-9375	9375	-2.35	Pass

16.11 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
45090	10	QPSK	50	LOW	-9375	9375	-3.28	Pass
45090	10	Q16	50	LOW	-9375	9375	-2.16	Pass

16.12 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
45090	10	QPSK	50	LOW	-9375	9375	-3.68	Pass
45090	10	Q16	50	LOW	-9375	9375	-1.9	Pass

1. CA_7C

1.1 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
21051 21195	20 10	QPSK	Full Full	Low Low	PCC	22.15	-6325.25	6325.25	Pass
21051 21195	20 10	QPSK	Full Full	Low Low	SCC1	24.8	-6361.25	6361.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	PCC	25.86	-6325.25	6325.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	SCC1	23.8	-6361.25	6361.25	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	PCC	54.46	-6312.75	6312.75	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	SCC1	50.08	-6362.25	6362.25	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	PCC	52.74	-6312.75	6312.75	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	SCC1	52.51	-6362.25	6362.25	Pass

1.2 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
21051 21195	20 10	QPSK	Full Full	Low Low	PCC	23.67	-6325.25	6325.25	Pass
21051 21195	20 10	QPSK	Full Full	Low Low	SCC1	23.95	-6361.25	6361.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	PCC	24.69	-6325.25	6325.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	SCC1	23.84	-6361.25	6361.25	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	PCC	50.44	-6312.75	6312.75	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	SCC1	51.81	-6362.25	6362.25	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	PCC	52.16	-6312.75	6312.75	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	SCC1	50.91	-6362.25	6362.25	Pass

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
21051 21195	20 10	QPSK	Full Full	Low Low	PCC	25.15	-6325.25	6325.25	Pass
21051 21195	20 10	QPSK	Full Full	Low Low	SCC1	27.45	-6361.25	6361.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	PCC	25.29	-6325.25	6325.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	SCC1	25.98	-6361.25	6361.25	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	PCC	50.11	-6312.75	6312.75	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	SCC1	49.4	-6362.25	6362.25	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	PCC	52.47	-6312.75	6312.75	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	SCC1	52.72	-6362.25	6362.25	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
21051 21195	20 10	QPSK	Full Full	Low Low	PCC	26.75	-6325.25	6325.25	Pass
21051 21195	20 10	QPSK	Full Full	Low Low	SCC1	27.31	-6361.25	6361.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	PCC	25.67	-6325.25	6325.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	SCC1	24.84	-6361.25	6361.25	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	PCC	53.06	-6312.75	6312.75	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	SCC1	52.53	-6362.25	6362.25	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	PCC	48.9	-6312.75	6312.75	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	SCC1	52.32	-6362.25	6362.25	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
21051 21195	20 10	QPSK	Full Full	Low Low	PCC	27.42	-6325.25	6325.25	Pass
21051 21195	20 10	QPSK	Full Full	Low Low	SCC1	27.08	-6361.25	6361.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	PCC	27.41	-6325.25	6325.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	SCC1	26.74	-6361.25	6361.25	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	PCC	52.75	-6312.75	6312.75	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	SCC1	51.92	-6362.25	6362.25	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	PCC	52.77	-6312.75	6312.75	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	SCC1	52.87	-6362.25	6362.25	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
21051 21195	20 10	QPSK	Full Full	Low Low	PCC	27.59	-6325.25	6325.25	Pass
21051 21195	20 10	QPSK	Full Full	Low Low	SCC1	28.28	-6361.25	6361.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	PCC	27.87	-6325.25	6325.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	SCC1	24.7	-6361.25	6361.25	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	PCC	49.96	-6312.75	6312.75	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	SCC1	50.37	-6362.25	6362.25	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	PCC	53.39	-6312.75	6312.75	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	SCC1	53.91	-6362.25	6362.25	Pass

1.7 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
21051 21195	20 10	QPSK	Full Full	Low Low	PCC	23.28	-6325.25	6325.25	Pass
21051 21195	20 10	QPSK	Full Full	Low Low	SCC1	23.59	-6361.25	6361.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	PCC	25.54	-6325.25	6325.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	SCC1	27.84	-6361.25	6361.25	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	PCC	49.24	-6312.75	6312.75	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	SCC1	50.68	-6362.25	6362.25	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	PCC	52.03	-6312.75	6312.75	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	SCC1	50.05	-6362.25	6362.25	Pass

1.8 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
21051 21195	20 10	QPSK	Full Full	Low Low	PCC	25.58	-6325.25	6325.25	Pass
21051 21195	20 10	QPSK	Full Full	Low Low	SCC1	25.91	-6361.25	6361.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	PCC	22.83	-6325.25	6325.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	SCC1	24.96	-6361.25	6361.25	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	PCC	52.71	-6312.75	6312.75	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	SCC1	52.37	-6362.25	6362.25	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	PCC	52.95	-6312.75	6312.75	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	SCC1	49.28	-6362.25	6362.25	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
21051 21195	20 10	QPSK	Full Full	Low Low	PCC	24.59	-6325.25	6325.25	Pass
21051 21195	20 10	QPSK	Full Full	Low Low	SCC1	22.6	-6361.25	6361.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	PCC	24.71	-6325.25	6325.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	SCC1	24.72	-6361.25	6361.25	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	PCC	50.91	-6312.75	6312.75	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	SCC1	51.95	-6362.25	6362.25	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	PCC	52.19	-6312.75	6312.75	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	SCC1	51.18	-6362.25	6362.25	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
21051 21195	20 10	QPSK	Full Full	Low Low	PCC	26.81	-6325.25	6325.25	Pass
21051 21195	20 10	QPSK	Full Full	Low Low	SCC1	25.4	-6361.25	6361.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	PCC	25.34	-6325.25	6325.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	SCC1	24.88	-6361.25	6361.25	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	PCC	55.51	-6312.75	6312.75	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	SCC1	50.91	-6362.25	6362.25	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	PCC	53.44	-6312.75	6312.75	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	SCC1	53.7	-6362.25	6362.25	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
21051 21195	20 10	QPSK	Full Full	Low Low	PCC	24.33	-6325.25	6325.25	Pass
21051 21195	20 10	QPSK	Full Full	Low Low	SCC1	26.42	-6361.25	6361.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	PCC	26.21	-6325.25	6325.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	SCC1	25.85	-6361.25	6361.25	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	PCC	50.79	-6312.75	6312.75	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	SCC1	51.21	-6362.25	6362.25	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	PCC	53.3	-6312.75	6312.75	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	SCC1	53.05	-6362.25	6362.25	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
21051 21195	20 10	QPSK	Full Full	Low Low	PCC	25.46	-6325.25	6325.25	Pass
21051 21195	20 10	QPSK	Full Full	Low Low	SCC1	24.24	-6361.25	6361.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	PCC	25.65	-6325.25	6325.25	Pass
21051 21195	20 10	16QAM	Full Full	Low Low	SCC1	27.94	-6361.25	6361.25	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	PCC	53.64	-6312.75	6312.75	Pass
21001 21199	20 20	QPSK	Full Full	Low Low	SCC1	53.43	-6362.25	6362.25	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	PCC	52.61	-6312.75	6312.75	Pass
21001 21199	20 20	16QAM	Full Full	Low Low	SCC1	52.93	-6362.25	6362.25	Pass

2. CA_5B

2.1 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
20500 20572	10 5	QPSK	Full Full	Low Low	PCC	13.74	-2085	2085	Pass
20500 20572	10 5	QPSK	Full Full	Low Low	SCC1	10.98	-2103	2103	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	PCC	12.7	-2085	2085	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	SCC1	12.98	-2103	2103	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	PCC	25.17	-2079	2079	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	SCC1	24.86	-2103.75	2103.75	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	PCC	22.59	-2079	2079	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	SCC1	22.56	-2103.75	2103.75	Pass

2.2 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
20500 20572	10 5	QPSK	Full Full	Low Low	PCC	10.96	-2085	2085	Pass
20500 20572	10 5	QPSK	Full Full	Low Low	SCC1	11.42	-2103	2103	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	PCC	13.69	-2085	2085	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	SCC1	13.58	-2103	2103	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	PCC	24.34	-2079	2079	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	SCC1	24.46	-2103.75	2103.75	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	PCC	24.06	-2079	2079	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	SCC1	23.63	-2103.75	2103.75	Pass

2.3 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
20500 20572	10 5	QPSK	Full Full	Low Low	PCC	9.93	-2085	2085	Pass
20500 20572	10 5	QPSK	Full Full	Low Low	SCC1	12.36	-2103	2103	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	PCC	11.72	-2085	2085	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	SCC1	12.8	-2103	2103	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	PCC	26.36	-2079	2079	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	SCC1	25.96	-2103.75	2103.75	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	PCC	26.05	-2079	2079	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	SCC1	23.81	-2103.75	2103.75	Pass

2.4 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
20500 20572	10 5	QPSK	Full Full	Low Low	PCC	12.61	-2085	2085	Pass
20500 20572	10 5	QPSK	Full Full	Low Low	SCC1	12.32	-2103	2103	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	PCC	11.34	-2085	2085	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	SCC1	11.53	-2103	2103	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	PCC	24.09	-2079	2079	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	SCC1	24.41	-2103.75	2103.75	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	PCC	25.44	-2079	2079	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	SCC1	25.36	-2103.75	2103.75	Pass

2.5 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
20500 20572	10 5	QPSK	Full Full	Low Low	PCC	12.8	-2085	2085	Pass
20500 20572	10 5	QPSK	Full Full	Low Low	SCC1	13.63	-2103	2103	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	PCC	12.23	-2085	2085	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	SCC1	12.02	-2103	2103	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	PCC	24.42	-2079	2079	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	SCC1	24.46	-2103.75	2103.75	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	PCC	25.46	-2079	2079	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	SCC1	25.65	-2103.75	2103.75	Pass

2.6 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
20500 20572	10 5	QPSK	Full Full	Low Low	PCC	12.01	-2085	2085	Pass
20500 20572	10 5	QPSK	Full Full	Low Low	SCC1	9.8	-2103	2103	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	PCC	11.84	-2085	2085	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	SCC1	11.39	-2103	2103	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	PCC	24.81	-2079	2079	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	SCC1	24.73	-2103.75	2103.75	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	PCC	24.97	-2079	2079	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	SCC1	25.31	-2103.75	2103.75	Pass

2.7 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
20500 20572	10 5	QPSK	Full Full	Low Low	PCC	10.93	-2085	2085	Pass
20500 20572	10 5	QPSK	Full Full	Low Low	SCC1	10.97	-2103	2103	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	PCC	12.63	-2085	2085	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	SCC1	10.46	-2103	2103	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	PCC	24.08	-2079	2079	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	SCC1	23.72	-2103.75	2103.75	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	PCC	25.6	-2079	2079	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	SCC1	25.19	-2103.75	2103.75	Pass

2.8 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
20500 20572	10 5	QPSK	Full Full	Low Low	PCC	13.3	-2085	2085	Pass
20500 20572	10 5	QPSK	Full Full	Low Low	SCC1	12.35	-2103	2103	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	PCC	14.69	-2085	2085	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	SCC1	13.12	-2103	2103	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	PCC	23.25	-2079	2079	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	SCC1	23.64	-2103.75	2103.75	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	PCC	24.76	-2079	2079	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	SCC1	24.2	-2103.75	2103.75	Pass

2.9 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
20500 20572	10 5	QPSK	Full Full	Low Low	PCC	12.19	-2085	2085	Pass
20500 20572	10 5	QPSK	Full Full	Low Low	SCC1	11.93	-2103	2103	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	PCC	12.89	-2085	2085	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	SCC1	12.53	-2103	2103	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	PCC	24.64	-2079	2079	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	SCC1	25.34	-2103.75	2103.75	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	PCC	25.91	-2079	2079	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	SCC1	26.04	-2103.75	2103.75	Pass

2.10 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
20500 20572	10 5	QPSK	Full Full	Low Low	PCC	12.07	-2085	2085	Pass
20500 20572	10 5	QPSK	Full Full	Low Low	SCC1	11.79	-2103	2103	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	PCC	10.86	-2085	2085	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	SCC1	12.39	-2103	2103	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	PCC	25.32	-2079	2079	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	SCC1	23.13	-2103.75	2103.75	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	PCC	25.75	-2079	2079	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	SCC1	25.67	-2103.75	2103.75	Pass

2.11 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
20500 20572	10 5	QPSK	Full Full	Low Low	PCC	10.62	-2085	2085	Pass
20500 20572	10 5	QPSK	Full Full	Low Low	SCC1	10.54	-2103	2103	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	PCC	11.79	-2085	2085	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	SCC1	11.91	-2103	2103	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	PCC	23.37	-2079	2079	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	SCC1	22.78	-2103.75	2103.75	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	PCC	24.45	-2079	2079	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	SCC1	24.11	-2103.75	2103.75	Pass

2.12 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
20500 20572	10 5	QPSK	Full Full	Low Low	PCC	13.31	-2085	2085	Pass
20500 20572	10 5	QPSK	Full Full	Low Low	SCC1	13.37	-2103	2103	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	PCC	14.01	-2085	2085	Pass
20500 20572	10 5	16QAM	Full Full	Low Low	SCC1	13.09	-2103	2103	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	PCC	24.64	-2079	2079	Pass
20476 20575	10 10	QPSK	Full Full	Low Low	SCC1	24.78	-2103.75	2103.75	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	PCC	24.98	-2079	2079	Pass
20476 20575	10 10	16QAM	Full Full	Low Low	SCC1	24.73	-2103.75	2103.75	Pass

3. CA_38C

3.1 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	28.8	-6468.75	6468.75	Pass
37925 38075	15 15	QPSK	Full Full	Low Low	SCC1	-28.7	-6506.25	6506.25	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	PCC	31.8	-6468.75	6468.75	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	SCC1	-29.2	-6506.25	6506.25	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	PCC	41	-6462.75	6462.75	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	SCC1	-36.9	-6512.25	6512.25	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	PCC	46.9	-6462.75	6462.75	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	SCC1	-29.7	-6512.25	6512.25	Pass

3.2 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	33	-6468.75	6468.75	Pass
37925 38075	15 15	QPSK	Full Full	Low Low	SCC1	-22.4	-6506.25	6506.25	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	PCC	33.3	-6468.75	6468.75	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	SCC1	-24	-6506.25	6506.25	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	PCC	42.3	-6462.75	6462.75	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	SCC1	-34.1	-6512.25	6512.25	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	PCC	42.9	-6462.75	6462.75	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	SCC1	-34.5	-6512.25	6512.25	Pass

3.3 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	33.8	-6468.75	6468.75	Pass
37925 38075	15 15	QPSK	Full Full	Low Low	SCC1	-25.8	-6506.25	6506.25	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	PCC	35.9	-6468.75	6468.75	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	SCC1	-29.2	-6506.25	6506.25	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	PCC	46.9	-6462.75	6462.75	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	SCC1	-40.7	-6512.25	6512.25	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	PCC	40.3	-6462.75	6462.75	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	SCC1	-36.2	-6512.25	6512.25	Pass

3.4 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	34.2	-6468.75	6468.75	Pass
37925 38075	15 15	QPSK	Full Full	Low Low	SCC1	-28.4	-6506.25	6506.25	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	PCC	30.6	-6468.75	6468.75	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	SCC1	-23.7	-6506.25	6506.25	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	PCC	39.7	-6462.75	6462.75	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	SCC1	-36.5	-6512.25	6512.25	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	PCC	43.9	-6462.75	6462.75	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	SCC1	-36.8	-6512.25	6512.25	Pass

3.5 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	34.9	-6468.75	6468.75	Pass
37925 38075	15 15	QPSK	Full Full	Low Low	SCC1	-24.7	-6506.25	6506.25	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	PCC	27.1	-6468.75	6468.75	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	SCC1	-28.5	-6506.25	6506.25	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	PCC	44.7	-6462.75	6462.75	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	SCC1	-35.7	-6512.25	6512.25	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	PCC	43.8	-6462.75	6462.75	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	SCC1	-35.7	-6512.25	6512.25	Pass

3.6 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	31.7	-6468.75	6468.75	Pass
37925 38075	15 15	QPSK	Full Full	Low Low	SCC1	-24.4	-6506.25	6506.25	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	PCC	34.1	-6468.75	6468.75	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	SCC1	-27.1	-6506.25	6506.25	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	PCC	42.3	-6462.75	6462.75	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	SCC1	-36.8	-6512.25	6512.25	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	PCC	40.2	-6462.75	6462.75	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	SCC1	-35	-6512.25	6512.25	Pass

3.7 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	26.9	-6468.75	6468.75	Pass
37925 38075	15 15	QPSK	Full Full	Low Low	SCC1	-24.8	-6506.25	6506.25	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	PCC	32.2	-6468.75	6468.75	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	SCC1	-28.2	-6506.25	6506.25	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	PCC	42.6	-6462.75	6462.75	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	SCC1	-35.1	-6512.25	6512.25	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	PCC	41.4	-6462.75	6462.75	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	SCC1	-34.7	-6512.25	6512.25	Pass

3.8 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	29.5	-6468.75	6468.75	Pass
37925 38075	15 15	QPSK	Full Full	Low Low	SCC1	-26.2	-6506.25	6506.25	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	PCC	28.6	-6468.75	6468.75	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	SCC1	-25.2	-6506.25	6506.25	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	PCC	42.9	-6462.75	6462.75	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	SCC1	-35.3	-6512.25	6512.25	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	PCC	42.4	-6462.75	6462.75	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	SCC1	-32.7	-6512.25	6512.25	Pass

3.9 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	31.2	-6468.75	6468.75	Pass
37925 38075	15 15	QPSK	Full Full	Low Low	SCC1	-26.8	-6506.25	6506.25	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	PCC	31.4	-6468.75	6468.75	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	SCC1	-23.5	-6506.25	6506.25	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	PCC	38.6	-6462.75	6462.75	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	SCC1	-34	-6512.25	6512.25	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	PCC	42.5	-6462.75	6462.75	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	SCC1	-34.6	-6512.25	6512.25	Pass

3.10 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	32.3	-6468.75	6468.75	Pass
37925 38075	15 15	QPSK	Full Full	Low Low	SCC1	-23.8	-6506.25	6506.25	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	PCC	29.1	-6468.75	6468.75	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	SCC1	-27.5	-6506.25	6506.25	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	PCC	41.2	-6462.75	6462.75	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	SCC1	-32.9	-6512.25	6512.25	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	PCC	45.2	-6462.75	6462.75	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	SCC1	-34.5	-6512.25	6512.25	Pass

3.11 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	35.3	-6468.75	6468.75	Pass
37925 38075	15 15	QPSK	Full Full	Low Low	SCC1	-22.5	-6506.25	6506.25	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	PCC	26.5	-6468.75	6468.75	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	SCC1	-26.6	-6506.25	6506.25	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	PCC	43.2	-6462.75	6462.75	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	SCC1	-33.4	-6512.25	6512.25	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	PCC	41.6	-6462.75	6462.75	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	SCC1	-30.8	-6512.25	6512.25	Pass

3.12 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	29.1	-6468.75	6468.75	Pass
37925 38075	15 15	QPSK	Full Full	Low Low	SCC1	-28	-6506.25	6506.25	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	PCC	28.5	-6468.75	6468.75	Pass
37925 38075	15 15	16QAM	Full Full	Low Low	SCC1	-25.3	-6506.25	6506.25	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	PCC	41.2	-6462.75	6462.75	Pass
37901 38099	20 20	QPSK	Full Full	Low Low	SCC1	-36.3	-6512.25	6512.25	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	PCC	44.7	-6462.75	6462.75	Pass
37901 38099	20 20	16QAM	Full Full	Low Low	SCC1	-33.1	-6512.25	6512.25	Pass

4. CA_41C_full

4.1 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
40595 40712	20 5	QPSK	Full Full	Low Low	PCC	10	-6476.25	6476.25	Pass
40595 40712	20 5	QPSK	Full Full	Low Low	SCC1	-36.5	-6505.5	6505.5	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	PCC	8.8	-6476.25	6476.25	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	SCC1	-36.9	-6505.5	6505.5	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	PCC	41.3	-6457.75	6457.75	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	SCC1	-37.2	-6507.25	6507.25	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	PCC	44.3	-6457.75	6457.75	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	SCC1	-37	-6507.25	6507.25	Pass

4.2 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
40595 40712	20 5	QPSK	Full Full	Low Low	PCC	14.1	-6476.25	6476.25	Pass
40595 40712	20 5	QPSK	Full Full	Low Low	SCC1	-34.4	-6505.5	6505.5	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	PCC	11.8	-6476.25	6476.25	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	SCC1	-36.4	-6505.5	6505.5	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	PCC	43.7	-6457.75	6457.75	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	SCC1	-37.1	-6507.25	6507.25	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	PCC	45.2	-6457.75	6457.75	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	SCC1	-36.1	-6507.25	6507.25	Pass

4.3 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
40595 40712	20 5	QPSK	Full Full	Low Low	PCC	11.6	-6476.25	6476.25	Pass
40595 40712	20 5	QPSK	Full Full	Low Low	SCC1	-41.1	-6505.5	6505.5	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	PCC	10.2	-6476.25	6476.25	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	SCC1	-39.1	-6505.5	6505.5	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	PCC	41.8	-6457.75	6457.75	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	SCC1	-33.8	-6507.25	6507.25	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	PCC	43.2	-6457.75	6457.75	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	SCC1	-38.2	-6507.25	6507.25	Pass

4.4 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
40595 40712	20 5	QPSK	Full Full	Low Low	PCC	10.7	-6476.25	6476.25	Pass
40595 40712	20 5	QPSK	Full Full	Low Low	SCC1	-39.4	-6505.5	6505.5	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	PCC	9.9	-6476.25	6476.25	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	SCC1	-38.8	-6505.5	6505.5	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	PCC	40.4	-6457.75	6457.75	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	SCC1	-34.5	-6507.25	6507.25	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	PCC	44.6	-6457.75	6457.75	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	SCC1	-37.9	-6507.25	6507.25	Pass

4.5 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
40595 40712	20 5	QPSK	Full Full	Low Low	PCC	13	-6476.25	6476.25	Pass
40595 40712	20 5	QPSK	Full Full	Low Low	SCC1	-33.5	-6505.5	6505.5	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	PCC	11.8	-6476.25	6476.25	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	SCC1	-37.1	-6505.5	6505.5	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	PCC	47.1	-6457.75	6457.75	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	SCC1	-35	-6507.25	6507.25	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	PCC	46.5	-6457.75	6457.75	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	SCC1	-33.4	-6507.25	6507.25	Pass

4.6 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
40595 40712	20 5	QPSK	Full Full	Low Low	PCC	12.5	-6476.25	6476.25	Pass
40595 40712	20 5	QPSK	Full Full	Low Low	SCC1	-36.5	-6505.5	6505.5	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	PCC	7.6	-6476.25	6476.25	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	SCC1	-37.3	-6505.5	6505.5	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	PCC	44.5	-6457.75	6457.75	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	SCC1	-39.6	-6507.25	6507.25	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	PCC	46.6	-6457.75	6457.75	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	SCC1	-39.2	-6507.25	6507.25	Pass

4.7 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
40595 40712	20 5	QPSK	Full Full	Low Low	PCC	13.4	-6476.25	6476.25	Pass
40595 40712	20 5	QPSK	Full Full	Low Low	SCC1	-36.5	-6505.5	6505.5	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	PCC	13.9	-6476.25	6476.25	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	SCC1	-36.3	-6505.5	6505.5	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	PCC	44.1	-6457.75	6457.75	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	SCC1	-40.7	-6507.25	6507.25	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	PCC	44.3	-6457.75	6457.75	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	SCC1	-36.9	-6507.25	6507.25	Pass

4.8 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
40595 40712	20 5	QPSK	Full Full	Low Low	PCC	12.2	-6476.25	6476.25	Pass
40595 40712	20 5	QPSK	Full Full	Low Low	SCC1	-39.1	-6505.5	6505.5	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	PCC	9.6	-6476.25	6476.25	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	SCC1	-38.5	-6505.5	6505.5	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	PCC	41.5	-6457.75	6457.75	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	SCC1	-37.9	-6507.25	6507.25	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	PCC	45.2	-6457.75	6457.75	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	SCC1	-38.9	-6507.25	6507.25	Pass

4.9 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
40595 40712	20 5	QPSK	Full Full	Low Low	PCC	11.2	-6476.25	6476.25	Pass
40595 40712	20 5	QPSK	Full Full	Low Low	SCC1	-36.5	-6505.5	6505.5	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	PCC	7.9	-6476.25	6476.25	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	SCC1	-38.1	-6505.5	6505.5	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	PCC	42.6	-6457.75	6457.75	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	SCC1	-36.1	-6507.25	6507.25	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	PCC	43.4	-6457.75	6457.75	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	SCC1	-37.7	-6507.25	6507.25	Pass

4.10 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
40595 40712	20 5	QPSK	Full Full	Low Low	PCC	13.7	-6476.25	6476.25	Pass
40595 40712	20 5	QPSK	Full Full	Low Low	SCC1	-40.2	-6505.5	6505.5	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	PCC	12.9	-6476.25	6476.25	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	SCC1	-35.2	-6505.5	6505.5	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	PCC	44.6	-6457.75	6457.75	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	SCC1	-38.3	-6507.25	6507.25	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	PCC	42.1	-6457.75	6457.75	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	SCC1	-35.8	-6507.25	6507.25	Pass

4.11 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
40595 40712	20 5	QPSK	Full Full	Low Low	PCC	13	-6476.25	6476.25	Pass
40595 40712	20 5	QPSK	Full Full	Low Low	SCC1	-39.8	-6505.5	6505.5	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	PCC	10.3	-6476.25	6476.25	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	SCC1	-40.9	-6505.5	6505.5	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	PCC	43.9	-6457.75	6457.75	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	SCC1	-38.2	-6507.25	6507.25	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	PCC	43.3	-6457.75	6457.75	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	SCC1	-34.8	-6507.25	6507.25	Pass

4.12 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
40595 40712	20 5	QPSK	Full Full	Low Low	PCC	11.1	-6476.25	6476.25	Pass
40595 40712	20 5	QPSK	Full Full	Low Low	SCC1	-32.8	-6505.5	6505.5	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	PCC	13.9	-6476.25	6476.25	Pass
40595 40712	20 5	16QAM	Full Full	Low Low	SCC1	-36	-6505.5	6505.5	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	PCC	40.2	-6457.75	6457.75	Pass
40521 40719	20 20	QPSK	Full Full	Low Low	SCC1	-37	-6507.25	6507.25	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	PCC	44.7	-6457.75	6457.75	Pass
40521 40719	20 20	16QAM	Full Full	Low Low	SCC1	-39.9	-6507.25	6507.25	Pass

5. CA_42C(3450-3550)

5.1 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
42569 42686	20 5	QPSK	Full Full	Low Low	PCC	10.9	-8744.75	8744.75	Pass
42569 42686	20 5	QPSK	Full Full	Low Low	SCC1	-35	-8774	8774	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	PCC	10.2	-8744.75	8744.75	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	SCC1	-37.1	-8774	8774	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	PCC	44.4	-8725.25	8725.25	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	SCC1	-37	-8774.75	8774.75	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	PCC	44.2	-8725.25	8725.25	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	SCC1	-37	-8774.75	8774.75	Pass

5.2 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
42569 42686	20 5	QPSK	Full Full	Low Low	PCC	13.5	-8744.75	8744.75	Pass
42569 42686	20 5	QPSK	Full Full	Low Low	SCC1	-37.6	-8774	8774	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	PCC	12.6	-8744.75	8744.75	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	SCC1	-33	-8774	8774	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	PCC	38.4	-8725.25	8725.25	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	SCC1	-38.4	-8774.75	8774.75	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	PCC	39.4	-8725.25	8725.25	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	SCC1	-36.5	-8774.75	8774.75	Pass

5.3 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
42569 42686	20 5	QPSK	Full Full	Low Low	PCC	10.3	-8744.75	8744.75	Pass
42569 42686	20 5	QPSK	Full Full	Low Low	SCC1	-38.4	-8774	8774	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	PCC	12.2	-8744.75	8744.75	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	SCC1	-35.3	-8774	8774	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	PCC	43.4	-8725.25	8725.25	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	SCC1	-35.4	-8774.75	8774.75	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	PCC	45.3	-8725.25	8725.25	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	SCC1	-33.9	-8774.75	8774.75	Pass

5.4 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
42569 42686	20 5	QPSK	Full Full	Low Low	PCC	13.9	-8744.75	8744.75	Pass
42569 42686	20 5	QPSK	Full Full	Low Low	SCC1	-37.5	-8774	8774	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	PCC	13.3	-8744.75	8744.75	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	SCC1	-38.9	-8774	8774	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	PCC	44.9	-8725.25	8725.25	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	SCC1	-34.2	-8774.75	8774.75	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	PCC	45	-8725.25	8725.25	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	SCC1	-36.8	-8774.75	8774.75	Pass

5.5 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
42569 42686	20 5	QPSK	Full Full	Low Low	PCC	7.5	-8744.75	8744.75	Pass
42569 42686	20 5	QPSK	Full Full	Low Low	SCC1	-34.9	-8774	8774	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	PCC	8.4	-8744.75	8744.75	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	SCC1	-35.3	-8774	8774	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	PCC	47	-8725.25	8725.25	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	SCC1	-32.1	-8774.75	8774.75	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	PCC	45.1	-8725.25	8725.25	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	SCC1	-39.3	-8774.75	8774.75	Pass

5.6 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
42569 42686	20 5	QPSK	Full Full	Low Low	PCC	11	-8744.75	8744.75	Pass
42569 42686	20 5	QPSK	Full Full	Low Low	SCC1	-35.8	-8774	8774	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	PCC	10.5	-8744.75	8744.75	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	SCC1	-37.5	-8774	8774	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	PCC	43.5	-8725.25	8725.25	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	SCC1	-37.3	-8774.75	8774.75	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	PCC	41.4	-8725.25	8725.25	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	SCC1	-35.1	-8774.75	8774.75	Pass

5.7 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
42569 42686	20 5	QPSK	Full Full	Low Low	PCC	11.9	-8744.75	8744.75	Pass
42569 42686	20 5	QPSK	Full Full	Low Low	SCC1	-31.8	-8774	8774	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	PCC	13.6	-8744.75	8744.75	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	SCC1	-38.1	-8774	8774	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	PCC	47	-8725.25	8725.25	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	SCC1	-39.6	-8774.75	8774.75	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	PCC	44	-8725.25	8725.25	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	SCC1	-36.1	-8774.75	8774.75	Pass

5.8 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
42569 42686	20 5	QPSK	Full Full	Low Low	PCC	9.7	-8744.75	8744.75	Pass
42569 42686	20 5	QPSK	Full Full	Low Low	SCC1	-35	-8774	8774	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	PCC	13.5	-8744.75	8744.75	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	SCC1	-37.5	-8774	8774	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	PCC	39.7	-8725.25	8725.25	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	SCC1	-33.9	-8774.75	8774.75	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	PCC	44	-8725.25	8725.25	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	SCC1	-37.9	-8774.75	8774.75	Pass

5.9 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
42569 42686	20 5	QPSK	Full Full	Low Low	PCC	9.1	-8744.75	8744.75	Pass
42569 42686	20 5	QPSK	Full Full	Low Low	SCC1	-37.2	-8774	8774	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	PCC	8.6	-8744.75	8744.75	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	SCC1	-33.7	-8774	8774	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	PCC	43.5	-8725.25	8725.25	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	SCC1	-34.4	-8774.75	8774.75	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	PCC	43.9	-8725.25	8725.25	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	SCC1	-32.9	-8774.75	8774.75	Pass

5.10 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
42569 42686	20 5	QPSK	Full Full	Low Low	PCC	14	-8744.75	8744.75	Pass
42569 42686	20 5	QPSK	Full Full	Low Low	SCC1	-34.5	-8774	8774	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	PCC	8.3	-8744.75	8744.75	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	SCC1	-35.1	-8774	8774	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	PCC	46.7	-8725.25	8725.25	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	SCC1	-35.2	-8774.75	8774.75	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	PCC	44.4	-8725.25	8725.25	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	SCC1	-35.3	-8774.75	8774.75	Pass

5.11 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
42569 42686	20 5	QPSK	Full Full	Low Low	PCC	12.2	-8744.75	8744.75	Pass
42569 42686	20 5	QPSK	Full Full	Low Low	SCC1	-34.5	-8774	8774	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	PCC	9.6	-8744.75	8744.75	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	SCC1	-39.2	-8774	8774	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	PCC	48.5	-8725.25	8725.25	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	SCC1	-34.8	-8774.75	8774.75	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	PCC	45.7	-8725.25	8725.25	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	SCC1	-34.6	-8774.75	8774.75	Pass

5.12 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
42569 42686	20 5	QPSK	Full Full	Low Low	PCC	13.5	-8744.75	8744.75	Pass
42569 42686	20 5	QPSK	Full Full	Low Low	SCC1	-37.8	-8774	8774	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	PCC	11.8	-8744.75	8744.75	Pass
42569 42686	20 5	16QAM	Full Full	Low Low	SCC1	-38	-8774	8774	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	PCC	45.7	-8725.25	8725.25	Pass
42491 42689	20 20	QPSK	Full Full	Low Low	SCC1	-34.8	-8774.75	8774.75	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	PCC	45.4	-8725.25	8725.25	Pass
42491 42689	20 20	16QAM	Full Full	Low Low	SCC1	-36.3	-8774.75	8774.75	Pass

6. CA_66C

6.1 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
132397 132514	20 5	QPSK	Full Full	Low Low	PCC	10.7	-4381.25	4381.25	Pass
132397 132514	20 5	QPSK	Full Full	Low Low	SCC1	-37.5	-4410.5	4410.5	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	PCC	11.5	-4381.25	4381.25	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	SCC1	-39	-4410.5	4410.5	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	PCC	43.2	-4362.75	4362.75	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	SCC1	-40	-4412.25	4412.25	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	PCC	42.5	-4362.75	4362.75	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	SCC1	-39.9	-4412.25	4412.25	Pass

6.2 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
132397 132514	20 5	QPSK	Full Full	Low Low	PCC	9.9	-4381.25	4381.25	Pass
132397 132514	20 5	QPSK	Full Full	Low Low	SCC1	-38.2	-4410.5	4410.5	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	PCC	10.1	-4381.25	4381.25	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	SCC1	-39.5	-4410.5	4410.5	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	PCC	42.4	-4362.75	4362.75	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	SCC1	-39.7	-4412.25	4412.25	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	PCC	42.7	-4362.75	4362.75	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	SCC1	-39.2	-4412.25	4412.25	Pass

6.3 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
132397 132514	20 5	QPSK	Full Full	Low Low	PCC	11.2	-4381.25	4381.25	Pass
132397 132514	20 5	QPSK	Full Full	Low Low	SCC1	-39.3	-4410.5	4410.5	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	PCC	11.1	-4381.25	4381.25	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	SCC1	-39.6	-4410.5	4410.5	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	PCC	44.3	-4362.75	4362.75	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	SCC1	-41.5	-4412.25	4412.25	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	PCC	46.2	-4362.75	4362.75	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	SCC1	-40	-4412.25	4412.25	Pass

6.4 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
132397 132514	20 5	QPSK	Full Full	Low Low	PCC	10.3	-4381.25	4381.25	Pass
132397 132514	20 5	QPSK	Full Full	Low Low	SCC1	-38.5	-4410.5	4410.5	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	PCC	10.2	-4381.25	4381.25	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	SCC1	-38.3	-4410.5	4410.5	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	PCC	42.6	-4362.75	4362.75	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	SCC1	-41.9	-4412.25	4412.25	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	PCC	44	-4362.75	4362.75	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	SCC1	-42.5	-4412.25	4412.25	Pass

6.5 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
132397 132514	20 5	QPSK	Full Full	Low Low	PCC	12	-4381.25	4381.25	Pass
132397 132514	20 5	QPSK	Full Full	Low Low	SCC1	-37.8	-4410.5	4410.5	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	PCC	9.6	-4381.25	4381.25	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	SCC1	-41.1	-4410.5	4410.5	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	PCC	44.9	-4362.75	4362.75	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	SCC1	-41.4	-4412.25	4412.25	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	PCC	45.4	-4362.75	4362.75	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	SCC1	-40.1	-4412.25	4412.25	Pass

6.6 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
132397 132514	20 5	QPSK	Full Full	Low Low	PCC	11.1	-4381.25	4381.25	Pass
132397 132514	20 5	QPSK	Full Full	Low Low	SCC1	-40	-4410.5	4410.5	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	PCC	11.6	-4381.25	4381.25	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	SCC1	-39.2	-4410.5	4410.5	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	PCC	44.8	-4362.75	4362.75	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	SCC1	-41.1	-4412.25	4412.25	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	PCC	44.2	-4362.75	4362.75	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	SCC1	-38.4	-4412.25	4412.25	Pass

6.7 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
132397 132514	20 5	QPSK	Full Full	Low Low	PCC	9.2	-4381.25	4381.25	Pass
132397 132514	20 5	QPSK	Full Full	Low Low	SCC1	-40.3	-4410.5	4410.5	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	PCC	10.4	-4381.25	4381.25	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	SCC1	-41.1	-4410.5	4410.5	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	PCC	43.5	-4362.75	4362.75	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	SCC1	-42.1	-4412.25	4412.25	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	PCC	42.5	-4362.75	4362.75	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	SCC1	-40.6	-4412.25	4412.25	Pass

6.8 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
132397 132514	20 5	QPSK	Full Full	Low Low	PCC	13.4	-4381.25	4381.25	Pass
132397 132514	20 5	QPSK	Full Full	Low Low	SCC1	-39.8	-4410.5	4410.5	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	PCC	10.2	-4381.25	4381.25	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	SCC1	-37.9	-4410.5	4410.5	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	PCC	46.6	-4362.75	4362.75	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	SCC1	-39.1	-4412.25	4412.25	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	PCC	45.2	-4362.75	4362.75	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	SCC1	-41.1	-4412.25	4412.25	Pass

6.9 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
132397 132514	20 5	QPSK	Full Full	Low Low	PCC	12.4	-4381.25	4381.25	Pass
132397 132514	20 5	QPSK	Full Full	Low Low	SCC1	-41.5	-4410.5	4410.5	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	PCC	12.3	-4381.25	4381.25	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	SCC1	-40.7	-4410.5	4410.5	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	PCC	45.2	-4362.75	4362.75	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	SCC1	-40	-4412.25	4412.25	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	PCC	43.9	-4362.75	4362.75	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	SCC1	-39.8	-4412.25	4412.25	Pass

6.10 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
132397 132514	20 5	QPSK	Full Full	Low Low	PCC	9.2	-4381.25	4381.25	Pass
132397 132514	20 5	QPSK	Full Full	Low Low	SCC1	-38.9	-4410.5	4410.5	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	PCC	11.6	-4381.25	4381.25	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	SCC1	-40.6	-4410.5	4410.5	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	PCC	44.3	-4362.75	4362.75	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	SCC1	-42.2	-4412.25	4412.25	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	PCC	45.2	-4362.75	4362.75	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	SCC1	-41.4	-4412.25	4412.25	Pass

6.11 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
132397 132514	20 5	QPSK	Full Full	Low Low	PCC	11.7	-4381.25	4381.25	Pass
132397 132514	20 5	QPSK	Full Full	Low Low	SCC1	-37.4	-4410.5	4410.5	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	PCC	12	-4381.25	4381.25	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	SCC1	-40.3	-4410.5	4410.5	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	PCC	43.8	-4362.75	4362.75	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	SCC1	-42.2	-4412.25	4412.25	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	PCC	45.2	-4362.75	4362.75	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	SCC1	-40.9	-4412.25	4412.25	Pass

6.12 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
132397 132514	20 5	QPSK	Full Full	Low Low	PCC	10	-4381.25	4381.25	Pass
132397 132514	20 5	QPSK	Full Full	Low Low	SCC1	-40.5	-4410.5	4410.5	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	PCC	11.4	-4381.25	4381.25	Pass
132397 132514	20 5	16QAM	Full Full	Low Low	SCC1	-40	-4410.5	4410.5	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	PCC	46.6	-4362.75	4362.75	Pass
132323 132521	20 20	QPSK	Full Full	Low Low	SCC1	-41.6	-4412.25	4412.25	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	PCC	45.3	-4362.75	4362.75	Pass
132323 132521	20 20	16QAM	Full Full	Low Low	SCC1	-41	-4412.25	4412.25	Pass

1. n77 30kHz(3450-3550)

1.1 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	-2.3	-8749.95	8749.95	Pass

1.2 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	-3.6	-8749.95	8749.95	Pass

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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-1.74	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-6.27	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-1.08	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-4.33	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-7.47	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-7.47	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	0.56	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-7.23	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-14.22	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-9.62	-8749.95	8749.95	Pass

2. n78 30kHz(3450-3550)

2.1 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	-4.45	-8749.95	8749.95	Pass

2.2 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	-4.19	-8749.95	8749.95	Pass

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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-9.26	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-2.47	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-5.83	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-7.37	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-4.52	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-11.12	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-7.46	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-7.11	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-7.97	-8749.95	8749.95	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
633332	100	30	DFT-s-OFDM	270	0	QPSK	-2.37	-8749.95	8749.95	Pass

3. n77 30kHz(3700-3980)

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

UL Channel	Bandwidth (MHz)	SC S (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	-2.58	-9600	9600	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-0.77	-9600	9600	Pass

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

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

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

UL Channel	Bandwidth (MHz)	SC S (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	-8.99	-9600	9600	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-5.76	-9600	9600	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-10.63	-9600	9600	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-9.5	-9600	9600	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-5.52	-9600	9600	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-0.39	-9600	9600	Pass

3.10 Frequency Error for SA_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	SC S (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	-14.72	-9600	9600	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-8.15	-9600	9600	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-1.11	-9600	9600	Pass

4. n78 30kHz(3700-3800)

4.1 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	-9.68	-9375	9375	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-7.67	-9375	9375	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-7.84	-9375	9375	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-4.62	-9375	9375	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-7.88	-9375	9375	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-8.25	-9375	9375	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-4.4	-9375	9375	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-5.99	-9375	9375	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-11.55	-9375	9375	Pass

4.10 Frequency Error for SA_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
650000	100	30	DFT-s-OFDM	270	0	QPSK	-1.75	-9375	9375	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-9.32	-9375	9375	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-7.14	-9375	9375	Pass

5. n38_PC3

5.1 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	40	30	DFT-s-OFDM	100	0	QPSK	-7.37	-6487.5	6487.5	Pass

5.2 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	40	30	DFT-s-OFDM	100	0	QPSK	-6.24	-6487.5	6487.5	Pass

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	40	30	DFT-s-OFDM	100	0	QPSK	-9.08	-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	40	30	DFT-s-OFDM	100	0	QPSK	-7.83	-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	40	30	DFT-s-OFDM	100	0	QPSK	-12.79	-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	40	30	DFT-s-OFDM	100	0	QPSK	-4.47	-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	40	30	DFT-s-OFDM	100	0	QPSK	-11.69	-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	40	30	DFT-s-OFDM	100	0	QPSK	-6.58	-6487.5	6487.5	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	40	30	DFT-s-OFDM	100	0	QPSK	-13.91	-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	40	30	DFT-s-OFDM	100	0	QPSK	-9.6	-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	40	30	DFT-s-OFDM	100	0	QPSK	-9.4	-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	40	30	DFT-s-OFDM	100	0	QPSK	-7.64	-6487.5	6487.5	Pass

6. n41

6.1 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	-12.88	-6482.47	6482.47	Pass

6.2 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	-11.43	-6482.47	6482.47	Pass

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	-13.35	-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	-14.17	-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	-14.81	-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	-10.01	-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	-15.07	-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	-6.07	-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	-11.25	-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	-9.61	-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	-9.74	-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	-14.22	-6482.47	6482.47	Pass

7. n2 15kHz

7.1 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	7.65	-4700	4700	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	-4700	4700	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	5.95	-4700	4700	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	6.05	-4700	4700	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	7.45	-4700	4700	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	7.24	-4700	4700	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	5.98	-4700	4700	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	8.01	-4700	4700	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	7.29	-4700	4700	Pass

7.10 Frequency Error for SA_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	SC S (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	6.77	-4700	4700	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	7.18	-4700	4700	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	4.86	-4700	4700	Pass

8. n5

8.1 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	5.21	-2091.25	2091.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	4.03	-2091.25	2091.25	Pass

8.3 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	3.42	-2091.25	2091.25	Pass

8.4 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	4.85	-2091.25	2091.25	Pass

8.5 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	5.27	-2091.25	2091.25	Pass

8.6 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	4.41	-2091.25	2091.25	Pass

8.7 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	4.83	-2091.25	2091.25	Pass

8.8 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	4.92	-2091.25	2091.25	Pass

8.9 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	4.84	-2091.25	2091.25	Pass

8.10 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	3.77	-2091.25	2091.25	Pass

8.11 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	5.47	-2091.25	2091.25	Pass

8.12 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	4.31	-2091.25	2091.25	Pass

9. n7

9.1 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	3.78	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	6.46	-6337.5	6337.5	Pass

9.3 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	1.91	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	4.56	-6337.5	6337.5	Pass

9.5 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	4.3	-6337.5	6337.5	Pass

9.6 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	4.88	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	3.57	-6337.5	6337.5	Pass

9.8 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	3.71	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	2.39	-6337.5	6337.5	Pass

9.10 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	5.29	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	20	15	DFT-s-OFDM	100	0	QPSK	5.68	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SC S (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	3.56	-6337.5	6337.5	Pass

10. n12 15kHz

10.1 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	-2.6	-1768.75	1768.75	Pass

10.2 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	-2.74	-1768.75	1768.75	Pass

10.3 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	-2.98	-1768.75	1768.75	Pass

10.4 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	-3.31	-1768.75	1768.75	Pass

10.5 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.76	-1768.75	1768.75	Pass

10.6 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.74	-1768.75	1768.75	Pass

10.7 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-3.43	-1768.75	1768.75	Pass

10.8 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.01	-1768.75	1768.75	Pass

10.9 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-3.21	-1768.75	1768.75	Pass

10.10 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.16	-1768.75	1768.75	Pass

10.11 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.62	-1768.75	1768.75	Pass

10.12 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
141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.85	-1768.75	1768.75	Pass

11. n13 15kHz

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
156400	10	15	DFT-s-OFDM	50	0	QPSK	2.89	-1955	1955	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
156400	10	15	DFT-s-OFDM	50	0	QPSK	1.21	-1955	1955	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
156400	10	15	DFT-s-OFDM	50	0	QPSK	2.5	-1955	1955	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
156400	10	15	DFT-s-OFDM	50	0	QPSK	2.26	-1955	1955	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
156400	10	15	DFT-s-OFDM	50	0	QPSK	1.03	-1955	1955	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
156400	10	15	DFT-s-OFDM	50	0	QPSK	1.37	-1955	1955	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
156400	10	15	DFT-s-OFDM	50	0	QPSK	1.4	-1955	1955	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
156400	10	15	DFT-s-OFDM	50	0	QPSK	2.12	-1955	1955	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
156400	10	15	DFT-s-OFDM	50	0	QPSK	1.25	-1955	1955	Pass

11.10 Frequency Error for SA_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
156400	10	15	DFT-s-OFDM	50	0	QPSK	2.51	-1955	1955	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
156400	10	15	DFT-s-OFDM	50	0	QPSK	2.21	-1955	1955	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
156400	10	15	DFT-s-OFDM	50	0	QPSK	2.56	-1955	1955	Pass

1. n14 15kHz

1.1 Frequency Error for SA_Part90(-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
158600	10	15	DFT-s-OFDM	50	0	QPSK	1.54	-1982.5	1982.5	Pass

1.2 Frequency Error for SA_Part90(-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
158600	10	15	DFT-s-OFDM	50	0	QPSK	1.21	-1982.5	1982.5	Pass

1.3 Frequency Error for SA_Part90(-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
158600	10	15	DFT-s-OFDM	50	0	QPSK	1.06	-1982.5	1982.5	Pass

1.4 Frequency Error for SA_Part90(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
158600	10	15	DFT-s-OFDM	50	0	QPSK	2.14	-1982.5	1982.5	Pass

1.5 Frequency Error for SA_Part90(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
158600	10	15	DFT-s-OFDM	50	0	QPSK	0.8	-1982.5	1982.5	Pass

1.6 Frequency Error for SA_Part90(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
158600	10	15	DFT-s-OFDM	50	0	QPSK	1.18	-1982.5	1982.5	Pass

1.7 Frequency Error for SA_Part90(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
158600	10	15	DFT-s-OFDM	50	0	QPSK	1.65	-1982.5	1982.5	Pass

1.8 Frequency Error for SA_Part90(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
158600	10	15	DFT-s-OFDM	50	0	QPSK	1.52	-1982.5	1982.5	Pass

1.9 Frequency Error for SA_Part90(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
158600	10	15	DFT-s-OFDM	50	0	QPSK	1.9	-1982.5	1982.5	Pass

1.10 Frequency Error for SA_Part90(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
158600	10	15	DFT-s-OFDM	50	0	QPSK	1.31	-1982.5	1982.5	Pass

1.11 Frequency Error for SA_Part90(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
158600	10	15	DFT-s-OFDM	50	0	QPSK	-0.08	-1982.5	1982.5	Pass

1.12 Frequency Error for SA_Part90(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
158600	10	15	DFT-s-OFDM	50	0	QPSK	1.99	-1982.5	1982.5	Pass

12. n25 15kHz

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376500	20	15	DFT-s-OFDM	100	0	QPSK	5.08	-4706.25	4706.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
376500	20	15	DFT-s-OFDM	100	0	QPSK	4.76	-4706.25	4706.25	Pass

12.3 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
376500	20	15	DFT-s-OFDM	100	0	QPSK	5.14	-4706.25	4706.25	Pass

12.4 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
376500	20	15	DFT-s-OFDM	100	0	QPSK	6.37	-4706.25	4706.25	Pass

12.5 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
376500	20	15	DFT-s-OFDM	100	0	QPSK	4.49	-4706.25	4706.25	Pass

12.6 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
376500	20	15	DFT-s-OFDM	100	0	QPSK	5.07	-4706.25	4706.25	Pass

12.7 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
376500	20	15	DFT-s-OFDM	100	0	QPSK	4.55	-4706.25	4706.25	Pass

12.8 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
376500	20	15	DFT-s-OFDM	100	0	QPSK	4.09	-4706.25	4706.25	Pass

12.9 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
376500	20	15	DFT-s-OFDM	100	0	QPSK	4.52	-4706.25	4706.25	Pass

12.10 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
376500	20	15	DFT-s-OFDM	100	0	QPSK	6.8	-4706.25	4706.25	Pass

12.11 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
376500	20	15	DFT-s-OFDM	100	0	QPSK	6.11	-4706.25	4706.25	Pass

12.12 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
376500	20	15	DFT-s-OFDM	100	0	QPSK	5.82	-4706.25	4706.25	Pass

13. n26 15kHz_Part22

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	3.81	-2091.25	2091.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	4.62	-2091.25	2091.25	Pass

13.3 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	3.52	-2091.25	2091.25	Pass

13.4 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	4.43	-2091.25	2091.25	Pass

13.5 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	4.97	-2091.25	2091.25	Pass

13.6 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	-5.25	-2091.25	2091.25	Pass

13.7 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	5.06	-2091.25	2091.25	Pass

13.8 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	3.46	-2091.25	2091.25	Pass

13.9 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	4.51	-2091.25	2091.25	Pass

13.10 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	3.59	-2091.25	2091.25	Pass

13.11 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	3.96	-2091.25	2091.25	Pass

13.12 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	3.62	-2091.25	2091.25	Pass

2. n26 15kHz_Part90

2.1 Frequency Error for SA_Part90(-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
163800	10	15	DFT-s-OFDM	50	0	QPSK	-3.31	-2047.5	2047.5	Pass

2.2 Frequency Error for SA_Part90(-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
163800	10	15	DFT-s-OFDM	50	0	QPSK	-3	-2047.5	2047.5	Pass

2.3 Frequency Error for SA_Part90(-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
163800	10	15	DFT-s-OFDM	50	0	QPSK	-2.19	-2047.5	2047.5	Pass

2.4 Frequency Error for SA_Part90(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
163800	10	15	DFT-s-OFDM	50	0	QPSK	-1.95	-2047.5	2047.5	Pass

2.5 Frequency Error for SA_Part90(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
163800	10	15	DFT-s-OFDM	50	0	QPSK	-2.17	-2047.5	2047.5	Pass

2.6 Frequency Error for SA_Part90(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
163800	10	15	DFT-s-OFDM	50	0	QPSK	-2.17	-2047.5	2047.5	Pass

2.7 Frequency Error for SA_Part90(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
163800	10	15	DFT-s-OFDM	50	0	QPSK	-2.48	-2047.5	2047.5	Pass

2.8 Frequency Error for SA_Part90(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
163800	10	15	DFT-s-OFDM	50	0	QPSK	-2.88	-2047.5	2047.5	Pass

2.9 Frequency Error for SA_Part90(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
163800	10	15	DFT-s-OFDM	50	0	QPSK	-2.48	-2047.5	2047.5	Pass

2.10 Frequency Error for SA_Part90(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
163800	10	15	DFT-s-OFDM	50	0	QPSK	-1.42	-2047.5	2047.5	Pass

2.11 Frequency Error for SA_Part90(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
163800	10	15	DFT-s-OFDM	50	0	QPSK	-2.64	-2047.5	2047.5	Pass

2.12 Frequency Error for SA_Part90(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
163800	10	15	DFT-s-OFDM	50	0	QPSK	-3.02	-2047.5	2047.5	Pass

14. n30 15kHz

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
462000	10	15	DFT-s-OFDM	50	0	QPSK	-3.44	-5775	5775	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
462000	10	15	DFT-s-OFDM	50	0	QPSK	-4.77	-5775	5775	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
462000	10	15	DFT-s-OFDM	50	0	QPSK	-1.75	-5775	5775	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
462000	10	15	DFT-s-OFDM	50	0	QPSK	-3.65	-5775	5775	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
462000	10	15	DFT-s-OFDM	50	0	QPSK	-3.37	-5775	5775	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
462000	10	15	DFT-s-OFDM	50	0	QPSK	-2.44	-5775	5775	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
462000	10	15	DFT-s-OFDM	50	0	QPSK	-2.13	-5775	5775	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
462000	10	15	DFT-s-OFDM	50	0	QPSK	-2.99	-5775	5775	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
462000	10	15	DFT-s-OFDM	50	0	QPSK	-3.79	-5775	5775	Pass

14.10 Frequency Error for SA_Part22-24-27(50 Degree)

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
462000	10	15	DFT-s-OFDM	50	0	QPSK	-3.02	-5775	5775	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
462000	10	15	DFT-s-OFDM	50	0	QPSK	-4.74	-5775	5775	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
462000	10	15	DFT-s-OFDM	50	0	QPSK	-5.28	-5775	5775	Pass

15. n66 15kHz

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-3.33	-4362.5	4362.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-0.41	-4362.5	4362.5	Pass

15.3 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	20	15	DFT-s-OFDM	100	0	QPSK	-1.22	-4362.5	4362.5	Pass

15.4 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	20	15	DFT-s-OFDM	100	0	QPSK	-1.65	-4362.5	4362.5	Pass

15.5 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	20	15	DFT-s-OFDM	100	0	QPSK	-5.11	-4362.5	4362.5	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-1.85	-4362.5	4362.5	Pass

15.7 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	20	15	DFT-s-OFDM	100	0	QPSK	-3.89	-4362.5	4362.5	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-2.04	-4362.5	4362.5	Pass

15.9 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	20	15	DFT-s-OFDM	100	0	QPSK	-4.66	-4362.5	4362.5	Pass

15.10 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	20	15	DFT-s-OFDM	100	0	QPSK	-1.38	-4362.5	4362.5	Pass

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

UL Channel	Bandwidth (MHz)	SC S (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	20	15	DFT-s-OFDM	100	0	QPSK	-1.36	-4362.5	4362.5	Pass

15.12 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	20	15	DFT-s-OFDM	100	0	QPSK	-1.76	-4362.5	4362.5	Pass

16. n71 15kHz

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
136100	20	15	DFT-s-OFDM	100	0	QPSK	-0.79	-1701.25	1701.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
136100	20	15	DFT-s-OFDM	100	0	QPSK	-0.6	-1701.25	1701.25	Pass

16.3 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
136100	20	15	DFT-s-OFDM	100	0	QPSK	-1.51	-1701.25	1701.25	Pass

16.4 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
136100	20	15	DFT-s-OFDM	100	0	QPSK	-1.03	-1701.25	1701.25	Pass

16.5 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
136100	20	15	DFT-s-OFDM	100	0	QPSK	-0.13	-1701.25	1701.25	Pass

16.6 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
136100	20	15	DFT-s-OFDM	100	0	QPSK	-1.15	-1701.25	1701.25	Pass

16.7 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
136100	20	15	DFT-s-OFDM	100	0	QPSK	0.01	-1701.25	1701.25	Pass

16.8 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
136100	20	15	DFT-s-OFDM	100	0	QPSK	-1.73	-1701.25	1701.25	Pass

16.9 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
136100	20	15	DFT-s-OFDM	100	0	QPSK	-0.81	-1701.25	1701.25	Pass

16.10 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
136100	20	15	DFT-s-OFDM	100	0	QPSK	-0.97	-1701.25	1701.25	Pass

16.11 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
136100	20	15	DFT-s-OFDM	100	0	QPSK	-0.13	-1701.25	1701.25	Pass

16.12 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
136100	20	15	DFT-s-OFDM	100	0	QPSK	-0.5	-1701.25	1701.25	Pass

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