

Frequency Stability

GSM

GSM 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-20	-5.55	±2060.5	-7.94	±2091.5	-5.94	±2122	Pass
	-10	5.42		-12.17		-8.49		
	0	-5.2		-4.42		-5.59		
	+10	-7.68		-9.1		-11.53		
	+20	7.04		-5.36		-10.04		
	+25	-3.68		-10.14		-5.88		
	+30	5.91		-3.84		4.75		
	+40	6.78		-5.46		4.2		
	+50	8.46		5.33		-6.75		
4.53	+25	-3.81		-10.94		-11.59		
3.45	+25	-8.88		6.1		7.3		

GSM 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-20	6.17	±4625.5	3.36	±4700.0	7.75	±4774.5	Pass
	-10	9.14		11.11		-12.01		
	0	-7.78		-6.42		-11.56		
	+10	-10.65		-10.17		-12.24		
	+20	-6.13		10.98		-10.2		
	+25	-11.82		-12.07		-10.33		
	+30	-5.91		-8.36		-8.56		
	+40	-9.88		-12.11		-16.66		
	+50	7.04		-14.11		-14.04		
4.53	+25	-9.27		-10.98		-7.62		
3.45	+25	7.97		-9.33		-5.81		

GPRS

GPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-20	-3.68	±2060.5	-4.04	±2091.5	-6.13	±2122	Pass
	-10	-10.3		-9.65		-9.72		
	0	-7.94		-9.85		-7.78		
	+10	-7.14		-9.59		-5.46		
	+20	-7.39		-6.88		-8.62		
	+25	-12.24		-10.98		-9.59		
	+30	-6.91		-6.42		-9.04		
	+40	-8.01		-9.62		-6.75		
	+50	-8.3		-9.3		-8.81		
4.53	+25	-10.01	-8.72	-10.78				
3.45	+25	-6.97	-8.33	-9.07				

GPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-20	-12.85	±4625.5	-10.2	±4700.0	-15.53	±4774.5	Pass
	-10	-17.05		-11.36		-14.59		
	0	-9.4		-9.27		-10.3		
	+10	-11.17		-13.75		-14.53		
	+20	-9.98		-7.17		-8.14		
	+25	-9.49		-8.43		-9.27		
	+30	-13.79		-12.62		-16.47		
	+40	-10.94		-8.78		-11.3		
	+50	-12.46		-12.24		-12.3		
4.53	+25	-14.75		-11.46		-11.69		
3.45	+25	-10.14		-9.75		-11.04		

EGPRS

EGPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-20	-4.58	±2060.5	-6.1	±2091.5	-5.88	±2122	Pass
	-10	-9.56		-11.14		-8.78		
	0	-8.07		-4.81		-5.17		
	+10	-11.95		-6.75		-9.72		
	+20	-10.94		-6.91		-5.88		
	+25	-12.17		-9.49		-12.79		
	+30	-7.65		-7.26		-13.92		
	+40	-11.43		-8.94		-9.27		
	+50	-8.88		-5.39		-5.97		
4.53	+25	-8.39		-8.36		-8.78		
3.45	+25	-6.65		-8.56		-4.58		

EGPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-20	-7.43	±4625.5	-11.72	±4700.0	-13.92	±4774.5	Pass
	-10	-9.07		-9.91				
	0	-12.75		-9.49				
	+10	-8.65		-8.68				
	+20	-6.42		-15.24				
	+25	-9.94		-8.52				
	+30	-11.88		-9.52				
	+40	-14.92		-9.85				
	+50	-12.01		-16.63				
4.53	+25	-12.24		-12.56		-15.79		
3.45	+25	-13.14		-11.01		-6.84		

WCDMA

WCDMA Band 2

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1852.4 MHz		MCH 1880 MHz		HCH 1907.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-20	7.62	±4631	5.35	±4700	5.99	±4769	Pass
	-10	8.84		5.06		6.34		
	0	6.95		5.06		6.25		
	+10	5.81		3.5		3.7		
	+20	3.18		0.84		2.95		
	+25	6.43		-0.64		2.15		
	+30	4.26		5.61		3.81		
	+40	2.1		2.32		-0.47		
	+50	4.08		1.83		2.53		
4.53	+25	3.87	3.09	5.5				
3.45	+25	5.48	4.44	3.5				

WCDMA Band 4

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1712.4 MHz		MCH 1732.4 MHz		HCH 1752.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-20	7.11	±4281	-0.45	±4331	-1.19	±4381.5	Pass
	-10	7.32		1.7		-1.3		
	0	3.67		0.26		-4.94		
	+10	5.51		-1.71		-2.57		
	+20	3.65		2.58		-1.17		
	+25	4.13		0.13		-3.56		
	+30	7.15		-0.42		-0.51		
	+40	3.96		-2.63		-3.07		
	+50	4.61		1.63		-3.96		
4.53	+25	2.5	-0.26	-1.13				
3.45	+25	4.59	-0.94	-0.82				

WCDMA Band B5

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 826.4 MHz		MCH 836.4 MHz		HCH 846.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-20	-1.02	±2066	0.8	±2091	0.39	±2116.5	Pass
	-10	-1.01		1.02		0.46		
	0	1.63		1.79		-0.11		
	+10	-1.29		0.39		0.96		
	+20	0.54		0.75		-0.59		
	+25	-0.13		-0.09		-0.28		
	+30	1.6		3.2		2.88		
	+40	0.84		1.39		1.75		
	+50	0.84		1.29		0.39		
4.53	+25	-2.5		1.76		1.02		
3.45	+25	0.93		0.74		0.52		

LTE

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)4.53	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-7.07	±4700	Pass
	-10	-10.44		
	0	2.42		
	+10	-0.16		
	+20	-0.93		
	+25	1.04		
	+30	-0.29		
	+40	-5.95		
	+50	-3.54		
4.53	+25	-0.79		
3.45	+25	-1.26		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-2.23	±4700	Pass
	-10	-9.17		
	0	4.92		
	+10	-3.83		
	+20	-1.85		
	+25	-4.45		
	+30	-1.77		
	+40	-3.49		
	+50	-3.11		
4.53	+25	-2.09		
3.45	+25	-4.58		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	8.4	±4331.25	Pass
	-10	1.58		
	0	-0.51		
	+10	-2.28		
	+20	1.74		
	+25	1.3		
	+30	-1		
	+40	1.16		
	+50	2.31		
4.53	+25	-2.54	±4331.25	Pass
3.45	+25	1.92		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	6.49	±4331.25	Pass
	-10	2		
	0	1.75		
	+10	-3.5		
	+20	-0.78		
	+25	-2.67		
	+30	-1.52		
	+40	2.51		
	+50	2.83		
4.53	+25	-1.74	±4331.25	Pass
3.45	+25	-1.13		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-4.46	±2091.25	Pass
	-10	-2.25		
	0	-4.5		
	+10	-0.23		
	+20	1.75		
	+25	-3.11		
	+30	-2.97		
	+40	2.12		
	+50	1.23		
4.53	+25	-3.42		
3.45	+25	-3.77		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-3.95	±2091.25	Pass
	-10	-2.25		
	0	-2.77		
	+10	-0.13		
	+20	-2.52		
	+25	-1.81		
	+30	-3.48		
	+40	0.95		
	+50	3.12		
4.53	+25	-3.06		
3.45	+25	-2.05		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-5.71	±6337.5	Pass
	-10	-2.05		
	0	-4.12		
	+10	-0.08		
	+20	-7.3		
	+25	-4.55		
	+30	2.75		
	+40	-0.56		
	+50	-1.22		
4.53	+25	-3.21		
3.45	+25	-3.37		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-1.51	±6337.5	Pass
	-10	-3.09		
	0	-1.94		
	+10	1.61		
	+20	-7.87		
	+25	-3.26		
	+30	2.36		
	+40	-1.13		
	+50	-1.34		
4.53	+25	-3.67		
3.45	+25	-3.32		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-2.92	±1768.75	Pass
	-10	0.27		
	0	-0.87		
	+10	-0.27		
	+20	-0.36		
	+25	-1.89		
	+30	-0.29		
	+40	-0.81		
	+50	1.21		
4.53	+25	-1.45		
3.45	+25	0.21		

LTE Band 12 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-3.68	±1768.75	Pass
	-10	-0.25		
	0	-0.84		
	+10	0.75		
	+20	-0.78		
	+25	-2.6		
	+30	0.32		
	+40	-0.55		
	+50	0.92		
4.53	+25	-0.86		
3.45	+25	-0.64		

LTE Band 13 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-1.42	±1955	Pass
	-10	-0.2		
	0	-1.72		
	+10	0.45		
	+20	-2.05		
	+25	-0.94		
	+30	-2.09		
	+40	0.46		
	+50	1.71		
4.53	+25	3.05	±1955	Pass
3.45	+25	-1.79		

LTE Band 13 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-1.54	±1955	Pass
	-10	0.77		
	0	-0.7		
	+10	1.84		
	+20	-1.69		
	+25	-0.47		
	+30	-3.48		
	+40	0.3		
	+50	1.4		
4.53	+25	3.93	±1955	Pass
3.45	+25	-1.86		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-0.17	±1775	Pass
	-10	2.1		
	0	-3.76		
	+10	-2.61		
	+20	-4.16		
	+25	-3.32		
	+30	-0.31		
	+40	-0.33		
	+50	-0.12		
4.53	+25	-4.84	±1775	Pass
3.45	+25	-1.4		

LTE Band 17 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	0.18	±1775	Pass
	-10	-0.17		
	0	-0.94		
	+10	-2.77		
	+20	-1.62		
	+25	-3.69		
	+30	-0.7		
	+40	-0.1		
	+50	-1.21		
4.53	+25	-1.61	±1775	Pass
3.45	+25	-0.94		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	0.13	±6487.5	Pass
	-10	-3.03		
	0	-7.47		
	+10	-2.65		
	+20	-3.05		
	+25	-0.9		
	+30	-0.76		
	+40	0.7		
	+50	1.22		
4.53	+25	-1.47	±6487.5	Pass
3.45	+25	-0.19		

LTE Band 38 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	2.88	±6487.5	Pass
	-10	-1.31		
	0	0.28		
	+10	-4.97		
	+20	-0.78		
	+25	-1.18		
	+30	2.28		
	+40	-1.95		
	+50	-0.13		
4.53	+25	-2.81	±6487.5	Pass
3.45	+25	-0.03		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-3.07	±6482.5	Pass
	-10	-3.07		
	0	-5.07		
	+10	2.15		
	+20	-5.21		
	+25	0.96		
	+30	0.36		
	+40	0.75		
	+50	0.82		
4.53	+25	2.66		
3.45	+25	1.92		

LTE Band 41 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-1.43	±6482.5	Pass
	-10	-6.84		
	0	0.57		
	+10	1.2		
	+20	-4.63		
	+25	-4.65		
	+30	-2.14		
	+40	-5.82		
	+50	-4.32		
4.53	+25	1.09		
3.45	+25	-3.37		

LTE Band 42 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3500 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-7.95	±8750	Pass
	-10	-10.79		
	0	-10.41		
	+10	-5.25		
	+20	-8.37		
	+25	-8.48		
	+30	-7.62		
	+40	-0.53		
	+50	1.65		
4.53	+25	-7.7		
3.45	+25	-8.41		

LTE Band 42 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3500 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-6.49	±8750	Pass
	-10	-13.83		
	0	-9.78		
	+10	-7.05		
	+20	-15.86		
	+25	-9.91		
	+30	-1.9		
	+40	-2.03		
	+50	3.53		
4.53	+25	-8.64		
3.45	+25	-4.98		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	1.36	±4362.5	Pass
	-10	4.98		
	0	5.41		
	+10	2.16		
	+20	4.02		
	+25	2.34		
	+30	4.6		
	+40	4.42		
	+50	1.23		
4.53	+25	-0.85		
3.45	+25	2.14		

LTE Band 66 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	1.56	±4362.5	Pass
	-10	1.64		
	0	2.63		
	+10	3.7		
	+20	2.52		
	+25	2.74		
	+30	4.22		
	+40	4.63		
	+50	3.12		
4.53	+25	0.48		
3.45	+25	2.5		

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)	
3.92	-20	10.96	±2085	11.42	±2103	Pass
	-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		
4.53	+25	10.62		10.54		
3.45	+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)	
3.92	-20	13.69	±2085	13.58	±2103	Pass
	-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		
4.53	+25	11.79		11.91		
3.45	+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)	
3.92	-20	24.34	±2079	24.46	±2103.75	Pass
	-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		
4.53	+25	23.37		22.78		
3.45	+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)	
3.92	-20	24.06	±2079	23.63	±2103.75	Pass
	-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		
4.53	+25	24.45		24.11		
3.45	+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)	
3.92	-20	23.67	±6325.25	23.95	±6361.25	Pass
	-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		
4.53	+25	24.33		26.42		
3.45	+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)	
3.92	-20	24.69	±6325.25	23.84	±6361.25	Pass
	-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		
4.53	+25	26.21		25.85		
3.45	+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)	
3.92	-20	50.44	±6312.75	51.81	±6362.25	Pass
	-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		
4.53	+25	50.79		51.21		
3.45	+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)	
3.92	-20	52.16	±6312.75	50.91	±6362.25	Pass
	-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		
4.53	+25	53.3		53.05		
3.45	+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)	
3.92	-20	33	±6468.75	-22.4	±6506.25	Pass
	-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		
4.53	+25	35.3		-22.5		
3.45	+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)	
3.92	-20	33.3	±6468.75	-24	±6506.25	Pass
	-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		
4.53	+25	26.5		-26.6		
3.45	+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)	
3.92	-20	42.3	±6462.75	-34.1	±6512.25	Pass
	-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		
4.53	+25	43.2		-33.4		
3.45	+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)	
3.92	-20	42.9	±6462.75	-34.5	±6512.25	Pass
	-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		
4.53	+25	41.6		-30.8		
3.45	+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)	
3.92	-20	14.1	±6476.25	-34.4	±6505.5	Pass
	-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		
4.53	+25	13		-39.8		
3.45	+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)	
3.92	-20	11.8	±6476.25	-36.4	±6505.5	Pass
	-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		
4.53	+25	10.3		-40.9		
3.45	+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)	
3.92	-20	43.7	±6457.75	-37.1	±6507.25	Pass
	-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		
4.53	+25	43.9		-38.2		
3.45	+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)	
3.92	-20	45.2	±6457.75	-36.1	±6507.25	Pass
	-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		
4.53	+25	43.3		-34.8		
3.45	+25	44.7		-39.9		

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)	
3.92	-20	9.9	±4381.25	-38.2	±4410.5	Pass
	-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		
4.53	+25	11.7		-37.4		
3.45	+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)	
3.92	-20	10.1	±4381.25	-39.5	±4410.5	Pass
	-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		
4.53	+25	12	-40.3			
3.45	+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)	
3.92	-20	42.4	±4362.75	-39.7	±4412.25	Pass
	-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		
4.53	+25	43.8		-42.2		
3.45	+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)	
3.92	-20	42.7	±4362.75	-39.2	±4412.25	Pass
	-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		
4.53	+25	45.2		-40.9		
3.45	+25	45.3		-41		

NR

NR Band n5 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-2.15	±2091.25	Pass
	-10	0.12		
	0	-2.74		
	+10	-4.33		
	+20	-8.97		
	+25	-8.66		
	+30	-8.18		
	+40	-8.44		
	+50	-8.69		
4.53	+25	-8.29		
3.45	+25	-10.45		

NR Band n7 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-2.06	±6337.5	Pass
	-10	-7.71		
	0	-9.33		
	+10	-15.87		
	+20	-19.2		
	+25	-21.22		
	+30	-17.46		
	+40	-17.93		
	+50	-21.65		
4.53	+25	-14.14		
3.45	+25	-10.04		

NR Band n12 QPSK 15 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-3.04	±1768.75	Pass
	-10	-0.86		
	0	-0.81		
	+10	-2.09		
	+20	-4.4		
	+25	-4.29		
	+30	-4.33		
	+40	-4.71		
	+50	-7.09		
4.53	+25	-6.62		
3.45	+25	-5.82		

NR Band n38 QPSK 40 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-11.09	±6487.5	Pass
	-10	-12.92		
	0	-7.56		
	+10	-5.67		
	+20	-5.21		
	+25	-4.19		
	+30	-20.59		
	+40	1.04		
	+50	-6.86		
4.53	+25	-2.99		
3.45	+25	-0.7		

NR Band n41 QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.99 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-3.69	±6482.47	Pass
	-10	-17.19		
	0	-3.13		
	+10	-0.29		
	+20	-9.87		
	+25	-4.5		
	+30	-1.24		
	+40	-3.48		
	+50	-2.79		
4.53	+25	-2.35		
3.45	+25	-4.45		

NR Band n66 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	8.96	±4362.5	Pass
	-10	1.47		
	0	0.32		
	+10	-1.92		
	+20	-5.24		
	+25	-8.09		
	+30	-8.02		
	+40	-5.22		
	+50	-35.49		
4.53	+25	-28.57		
3.45	+25	3.73		

NR Band n77 (3450-3500) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3499.98 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-81.75	±8749.95	Pass
	-10	-10.61		
	0	-19.34		
	+10	-18.28		
	+20	-16.06		
	+25	-10.88		
	+30	-8.84		
	+40	-59.85		
	+50	3.08		
4.53	+25	4.09		
3.45	+25	-2.45		

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

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3840 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-23.37	±9600	Pass
	-10	-101.52		
	0	-28.38		
	+10	-19.77		
	+20	-20.07		
	+25	-21.11		
	+30	-20.96		
	+40	-12.46		
	+50	-67.58		
4.53	+25	6.24		
3.45	+25	-1.68		

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

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3499.98 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-18.11	±8749.95	Pass
	-10	-37.46		
	0	-60.83		
	+10	-23.84		
	+20	-7.14		
	+25	-15.06		
	+30	-11.79		
	+40	-16.64		
	+50	-8.83		
4.53	+25	-25.83	±8749.95	Pass
3.45	+25	-19.64		

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

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3750 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-20	-23.51	±9375	Pass
	-10	-46.64		
	0	-44.32		
	+10	-36.62		
	+20	-29.61		
	+25	-29.89		
	+30	-55.65		
	+40	-9.22		
	+50	-7.01		
4.53	+25	-4.1	±9375	Pass
3.45	+25	-7.43		

1. GSM_PCS

1.1 GSM Frequency Stability_Part22-24(-20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	6.17	-4625.5	4625.5	Pass
661	0	Static	3.36	-4700	4700	Pass
810	0	Static	7.75	-4774.5	4774.5	Pass

1.2 GSM Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	9.14	-4625.5	4625.5	Pass
661	0	Static	11.11	-4700	4700	Pass
810	0	Static	-12.01	-4774.5	4774.5	Pass

1.3 GSM Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-7.78	-4625.5	4625.5	Pass
661	0	Static	-6.42	-4700	4700	Pass
810	0	Static	-11.56	-4774.5	4774.5	Pass

1.4 GSM Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-10.65	-4625.5	4625.5	Pass
661	0	Static	-10.17	-4700	4700	Pass
810	0	Static	-12.24	-4774.5	4774.5	Pass

1.5 GSM Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-6.13	-4625.5	4625.5	Pass
661	0	Static	10.98	-4700	4700	Pass
810	0	Static	-10.2	-4774.5	4774.5	Pass

1.6 GSM Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-11.82	-4625.5	4625.5	Pass
661	0	Static	-12.07	-4700	4700	Pass
810	0	Static	-10.33	-4774.5	4774.5	Pass

1.7 GSM Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-5.91	-4625.5	4625.5	Pass
661	0	Static	-8.36	-4700	4700	Pass
810	0	Static	-8.56	-4774.5	4774.5	Pass

1.8 GSM Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-9.88	-4625.5	4625.5	Pass
661	0	Static	-12.11	-4700	4700	Pass
810	0	Static	-16.66	-4774.5	4774.5	Pass

1.9 GSM Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	7.04	-4625.5	4625.5	Pass
661	0	Static	-14.11	-4700	4700	Pass
810	0	Static	-14.04	-4774.5	4774.5	Pass

1.11 GSM Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-9.27	-4625.5	4625.5	Pass
661	0	Static	-10.98	-4700	4700	Pass
810	0	Static	-7.62	-4774.5	4774.5	Pass

1.12 GSM Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	7.97	-4625.5	4625.5	Pass
661	0	Static	-9.33	-4700	4700	Pass
810	0	Static	-5.81	-4774.5	4774.5	Pass

2. GSM_GSM850

2.1 GSM Frequency Stability_Part22-24(-20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-5.55	-2060.5	2060.5	Pass
190	5	Static	-7.94	-2091.5	2091.5	Pass
251	5	Static	-5.94	-2122	2122	Pass

2.2 GSM Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	5.42	-2060.5	2060.5	Pass
190	5	Static	-12.17	-2091.5	2091.5	Pass
251	5	Static	-8.49	-2122	2122	Pass

2.3 GSM Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-5.2	-2060.5	2060.5	Pass
190	5	Static	-4.42	-2091.5	2091.5	Pass
251	5	Static	-5.59	-2122	2122	Pass

2.4 GSM Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-7.68	-2060.5	2060.5	Pass
190	5	Static	-9.1	-2091.5	2091.5	Pass
251	5	Static	-11.53	-2122	2122	Pass

2.5 GSM Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	7.04	-2060.5	2060.5	Pass
190	5	Static	-5.36	-2091.5	2091.5	Pass
251	5	Static	-10.04	-2122	2122	Pass

2.6 GSM Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-3.68	-2060.5	2060.5	Pass
190	5	Static	-10.14	-2091.5	2091.5	Pass
251	5	Static	-5.88	-2122	2122	Pass

2.7 GSM Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	5.91	-2060.5	2060.5	Pass
190	5	Static	-3.84	-2091.5	2091.5	Pass
251	5	Static	4.75	-2122	2122	Pass

2.8 GSM Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	6.78	-2060.5	2060.5	Pass
190	5	Static	-5.46	-2091.5	2091.5	Pass
251	5	Static	4.2	-2122	2122	Pass

2.9 GSM Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	8.46	-2060.5	2060.5	Pass
190	5	Static	5.33	-2091.5	2091.5	Pass
251	5	Static	-6.75	-2122	2122	Pass

2.11 GSM Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-3.81	-2060.5	2060.5	Pass
190	5	Static	-10.94	-2091.5	2091.5	Pass
251	5	Static	-11.59	-2122	2122	Pass

2.12 GSM Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-8.88	-2060.5	2060.5	Pass
190	5	Static	6.1	-2091.5	2091.5	Pass
251	5	Static	7.3	-2122	2122	Pass

1. GPRS_GSM850

1.1 GPRS Frequency Stability_Part22-24(-20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-3.68	-2060.5	2060.5	Pass
190	5	Static	-4.04	-2091.5	2091.5	Pass
251	5	Static	-6.13	-2122	2122	Pass

1.2 GPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-10.3	-2060.5	2060.5	Pass
190	5	Static	-9.65	-2091.5	2091.5	Pass
251	5	Static	-9.72	-2122	2122	Pass

1.3 GPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-7.94	-2060.5	2060.5	Pass
190	5	Static	-9.85	-2091.5	2091.5	Pass
251	5	Static	-7.78	-2122	2122	Pass

1.4 GPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-7.14	-2060.5	2060.5	Pass
190	5	Static	-9.59	-2091.5	2091.5	Pass
251	5	Static	-5.46	-2122	2122	Pass

1.5 GPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-7.39	-2060.5	2060.5	Pass
190	5	Static	-6.88	-2091.5	2091.5	Pass
251	5	Static	-8.62	-2122	2122	Pass

1.6 GPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-12.24	-2060.5	2060.5	Pass
190	5	Static	-10.98	-2091.5	2091.5	Pass
251	5	Static	-9.59	-2122	2122	Pass

1.7 GPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-6.91	-2060.5	2060.5	Pass
190	5	Static	-6.42	-2091.5	2091.5	Pass
251	5	Static	-9.04	-2122	2122	Pass

1.8 GPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-8.01	-2060.5	2060.5	Pass
190	5	Static	-9.62	-2091.5	2091.5	Pass
251	5	Static	-6.75	-2122	2122	Pass

1.9 GPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-8.3	-2060.5	2060.5	Pass
190	5	Static	-9.3	-2091.5	2091.5	Pass
251	5	Static	-8.81	-2122	2122	Pass

1.10 GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-10.01	-2060.5	2060.5	Pass
190	5	Static	-8.72	-2091.5	2091.5	Pass
251	5	Static	-10.78	-2122	2122	Pass

1.11 GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-6.97	-2060.5	2060.5	Pass
190	5	Static	-8.33	-2091.5	2091.5	Pass
251	5	Static	-9.07	-2122	2122	Pass

2. GPRS_PCS

2.1 GPRS Frequency Stability_Part22-24(-20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-12.85	-4625.5	4625.5	Pass
661	0	Static	-10.2	-4700	4700	Pass
810	0	Static	-15.53	-4774.5	4774.5	Pass

2.2 GPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-17.05	-4625.5	4625.5	Pass
661	0	Static	-11.36	-4700	4700	Pass
810	0	Static	-14.59	-4774.5	4774.5	Pass

2.3 GPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-9.4	-4625.5	4625.5	Pass
661	0	Static	-9.27	-4700	4700	Pass
810	0	Static	-10.3	-4774.5	4774.5	Pass

2.4 GPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-11.17	-4625.5	4625.5	Pass
661	0	Static	-13.75	-4700	4700	Pass
810	0	Static	-14.53	-4774.5	4774.5	Pass

2.5 GPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-9.98	-4625.5	4625.5	Pass
661	0	Static	-7.17	-4700	4700	Pass
810	0	Static	-8.14	-4774.5	4774.5	Pass

2.6 GPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-9.49	-4625.5	4625.5	Pass
661	0	Static	-8.43	-4700	4700	Pass
810	0	Static	-9.27	-4774.5	4774.5	Pass

2.7 GPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-13.79	-4625.5	4625.5	Pass
661	0	Static	-12.62	-4700	4700	Pass
810	0	Static	-16.47	-4774.5	4774.5	Pass

2.8 GPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-10.94	-4625.5	4625.5	Pass
661	0	Static	-8.78	-4700	4700	Pass
810	0	Static	-11.3	-4774.5	4774.5	Pass

2.9 GPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-12.46	-4625.5	4625.5	Pass
661	0	Static	-12.24	-4700	4700	Pass
810	0	Static	-12.3	-4774.5	4774.5	Pass

2.10 GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-14.75	-4625.5	4625.5	Pass
661	0	Static	-11.46	-4700	4700	Pass
810	0	Static	-11.69	-4774.5	4774.5	Pass

2.11 GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	-10.14	-4625.5	4625.5	Pass
661	0	Static	-9.75	-4700	4700	Pass
810	0	Static	-11.04	-4774.5	4774.5	Pass

1. EGPRS_GSM850

1.1 EGPRS Frequency Stability_Part22-24(-20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-4.58	-2060.5	2060.5	Pass
190	8	Static	-6.1	-2091.5	2091.5	Pass
251	8	Static	-5.88	-2122	2122	Pass

1.2 EGPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-9.56	-2060.5	2060.5	Pass
190	8	Static	-11.14	-2091.5	2091.5	Pass
251	8	Static	-8.78	-2122	2122	Pass

1.3 EGPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-8.07	-2060.5	2060.5	Pass
190	8	Static	-4.81	-2091.5	2091.5	Pass
251	8	Static	-5.17	-2122	2122	Pass

1.4 EGPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-11.95	-2060.5	2060.5	Pass
190	8	Static	-6.75	-2091.5	2091.5	Pass
251	8	Static	-9.72	-2122	2122	Pass

1.5 EGPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-10.94	-2060.5	2060.5	Pass
190	8	Static	-6.91	-2091.5	2091.5	Pass
251	8	Static	-5.88	-2122	2122	Pass

1.6 EGPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-12.17	-2060.5	2060.5	Pass
190	8	Static	-9.49	-2091.5	2091.5	Pass
251	8	Static	-12.79	-2122	2122	Pass

1.7 EGPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-7.65	-2060.5	2060.5	Pass
190	8	Static	-7.26	-2091.5	2091.5	Pass
251	8	Static	-13.92	-2122	2122	Pass

1.8 EGPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-11.43	-2060.5	2060.5	Pass
190	8	Static	-8.94	-2091.5	2091.5	Pass
251	8	Static	-9.27	-2122	2122	Pass

1.9 EGPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-8.88	-2060.5	2060.5	Pass
190	8	Static	-5.39	-2091.5	2091.5	Pass
251	8	Static	-5.97	-2122	2122	Pass

1.10 EGPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-8.39	-2060.5	2060.5	Pass
190	8	Static	-8.36	-2091.5	2091.5	Pass
251	8	Static	-8.78	-2122	2122	Pass

1.11 EGPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-6.65	-2060.5	2060.5	Pass
190	8	Static	-8.56	-2091.5	2091.5	Pass
251	8	Static	-4.58	-2122	2122	Pass

2. EGPRS_PCS

2.1 EGPRS Frequency Stability_Part22-24(-20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-7.43	-4625.5	4625.5	Pass
661	2	Static	-11.72	-4700	4700	Pass
810	2	Static	-13.92	-4774.5	4774.5	Pass

2.2 EGPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-9.07	-4625.5	4625.5	Pass
661	2	Static	-9.91	-4700	4700	Pass
810	2	Static	-9.07	-4774.5	4774.5	Pass

2.3 EGPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-12.75	-4625.5	4625.5	Pass
661	2	Static	-9.49	-4700	4700	Pass
810	2	Static	-13.79	-4774.5	4774.5	Pass

2.4 EGPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-8.65	-4625.5	4625.5	Pass
661	2	Static	-8.68	-4700	4700	Pass
810	2	Static	-11.56	-4774.5	4774.5	Pass

2.5 EGPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-6.42	-4625.5	4625.5	Pass
661	2	Static	-15.24	-4700	4700	Pass
810	2	Static	-6.97	-4774.5	4774.5	Pass

2.6 EGPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-9.94	-4625.5	4625.5	Pass
661	2	Static	-8.52	-4700	4700	Pass
810	2	Static	-8.27	-4774.5	4774.5	Pass

2.7 EGPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-11.88	-4625.5	4625.5	Pass
661	2	Static	-9.52	-4700	4700	Pass
810	2	Static	-10.43	-4774.5	4774.5	Pass

2.8 EGPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-14.92	-4625.5	4625.5	Pass
661	2	Static	-9.85	-4700	4700	Pass
810	2	Static	-10.94	-4774.5	4774.5	Pass

2.9 EGPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-12.01	-4625.5	4625.5	Pass
661	2	Static	-16.63	-4700	4700	Pass
810	2	Static	-15.24	-4774.5	4774.5	Pass

2.10 EGPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-12.24	-4625.5	4625.5	Pass
661	2	Static	-12.56	-4700	4700	Pass
810	2	Static	-15.79	-4774.5	4774.5	Pass

2.11 EGPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	-13.14	-4625.5	4625.5	Pass
661	2	Static	-11.01	-4700	4700	Pass
810	2	Static	-6.84	-4774.5	4774.5	Pass

1. WCDMA_Band5

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	-1.02	Pass
4182		-2091	2091	0.8	Pass
4233		-2116.5	2116.5	0.39	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	-1.01	Pass
4182		-2091	2091	1.02	Pass
4233		-2116.5	2116.5	0.46	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	1.63	Pass
4182		-2091	2091	1.79	Pass
4233		-2116.5	2116.5	-0.11	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	-1.29	Pass
4182		-2091	2091	0.39	Pass
4233		-2116.5	2116.5	0.96	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.54	Pass
4182		-2091	2091	0.75	Pass
4233		-2116.5	2116.5	-0.59	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	-0.13	Pass
4182		-2091	2091	-0.09	Pass
4233		-2116.5	2116.5	-0.28	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	1.6	Pass
4182		-2091	2091	3.2	Pass
4233		-2116.5	2116.5	2.88	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.84	Pass
4182		-2091	2091	1.39	Pass
4233		-2116.5	2116.5	1.75	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.84	Pass
4182		-2091	2091	1.29	Pass
4233		-2116.5	2116.5	0.39	Pass

1.10 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	-2.5	Pass
4182		-2091	2091	1.76	Pass
4233		-2116.5	2116.5	1.02	Pass

1.11 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132		-2066	2066	0.93	Pass
4182		-2091	2091	0.74	Pass
4233		-2116.5	2116.5	0.52	Pass

2. WCDMA_Band2

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	7.62	Pass
9400		-4700	4700	5.35	Pass
9538		-4769	4769	5.99	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	8.84	Pass
9400		-4700	4700	5.06	Pass
9538		-4769	4769	6.34	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	6.95	Pass
9400		-4700	4700	5.06	Pass
9538		-4769	4769	6.25	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	5.81	Pass
9400		-4700	4700	3.5	Pass
9538		-4769	4769	3.7	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	3.18	Pass
9400		-4700	4700	0.84	Pass
9538		-4769	4769	2.95	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	6.43	Pass
9400		-4700	4700	-0.64	Pass
9538		-4769	4769	2.15	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	4.26	Pass
9400		-4700	4700	5.61	Pass
9538		-4769	4769	3.81	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	2.1	Pass
9400		-4700	4700	2.32	Pass
9538		-4769	4769	-0.47	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	4.08	Pass
9400		-4700	4700	1.83	Pass
9538		-4769	4769	2.53	Pass

2.10 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	3.87	Pass
9400		-4700	4700	3.09	Pass
9538		-4769	4769	5.5	Pass

2.11 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262		-4631	4631	5.48	Pass
9400		-4700	4700	4.44	Pass
9538		-4769	4769	3.5	Pass

3. WCDMA_Band4

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	7.11	Pass
1412		-4331	4331	-0.45	Pass
1513		-4381.5	4381.5	-1.19	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	7.32	Pass
1412		-4331	4331	1.7	Pass
1513		-4381.5	4381.5	-1.3	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	3.67	Pass
1412		-4331	4331	0.26	Pass
1513		-4381.5	4381.5	-4.94	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	5.51	Pass
1412		-4331	4331	-1.71	Pass
1513		-4381.5	4381.5	-2.57	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	3.65	Pass
1412		-4331	4331	2.58	Pass
1513		-4381.5	4381.5	-1.17	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	4.13	Pass
1412		-4331	4331	0.13	Pass
1513		-4381.5	4381.5	-3.56	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	7.15	Pass
1412		-4331	4331	-0.42	Pass
1513		-4381.5	4381.5	-0.51	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	3.96	Pass
1412		-4331	4331	-2.63	Pass
1513		-4381.5	4381.5	-3.07	Pass

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

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	4.61	Pass
1412		-4331	4331	1.63	Pass
1513		-4381.5	4381.5	-3.96	Pass

3.10 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	2.5	Pass
1412		-4331	4331	-0.26	Pass
1513		-4381.5	4381.5	-1.13	Pass

3.11 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel		Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312		-4281	4281	4.59	Pass
1412		-4331	4331	-0.94	Pass
1513		-4381.5	4381.5	-0.82	Pass

1. LTE_Band2

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-7.07	Pass
18900	10	16QAM	50	0	-4700	4700	-2.23	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-10.44	Pass
18900	10	16QAM	50	0	-4700	4700	-9.17	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	2.42	Pass
18900	10	16QAM	50	0	-4700	4700	4.92	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-0.16	Pass
18900	10	16QAM	50	0	-4700	4700	-3.83	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-0.93	Pass
18900	10	16QAM	50	0	-4700	4700	-1.85	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	1.04	Pass
18900	10	16QAM	50	0	-4700	4700	-4.45	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-0.29	Pass
18900	10	16QAM	50	0	-4700	4700	-1.77	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-5.95	Pass
18900	10	16QAM	50	0	-4700	4700	-3.49	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-3.54	Pass
18900	10	16QAM	50	0	-4700	4700	-3.11	Pass

1.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-0.79	Pass
18900	10	16QAM	50	0	-4700	4700	-2.09	Pass

1.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-1.26	Pass
18900	10	16QAM	50	0	-4700	4700	-4.58	Pass

2. LTE_Band4

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	8.4	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	6.49	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	1.58	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	2	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-0.51	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	1.75	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-2.28	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-3.5	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	1.74	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-0.78	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	1.3	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-2.67	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-1	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-1.52	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	1.16	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	2.51	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	2.31	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	2.83	Pass

2.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-2.54	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-1.74	Pass

2.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	1.92	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-1.13	Pass

3. LTE_Band7

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-5.71	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-1.51	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-2.05	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-3.09	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-4.12	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-1.94	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-0.08	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	1.61	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-7.3	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-7.87	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-4.55	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-3.26	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	2.75	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	2.36	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-0.56	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-1.13	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-1.22	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-1.34	Pass

3.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-3.21	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-3.67	Pass

3.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-3.37	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-3.32	Pass

4. LTE_Band66

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	1.36	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	1.56	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	4.98	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	1.64	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	5.41	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	2.63	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	2.16	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	3.7	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	4.02	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	2.52	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	2.34	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	2.74	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	4.6	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	4.22	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	4.42	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	4.63	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	3.12	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	2.34	Pass

4.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-0.85	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	0.48	Pass

4.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	2.14	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	2.5	Pass

5. LTE_Band5

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-4.46	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-3.95	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-2.25	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-2.25	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-4.5	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-2.77	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-0.23	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-0.13	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	1.75	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-2.52	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-3.11	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-1.81	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-2.97	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-3.48	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	2.12	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	0.95	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	1.23	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	3.12	Pass

5.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-3.42	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-3.06	Pass

5.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-3.77	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-2.05	Pass

6. LTE_Band12

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-2.92	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-3.68	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	0.27	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-0.25	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.87	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-0.84	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.27	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	0.75	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.36	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-0.78	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-1.89	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-2.6	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.29	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	0.32	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.81	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-0.55	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	1.21	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	0.92	Pass

6.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-1.45	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-0.86	Pass

6.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	0.21	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-0.64	Pass

7. LTE_Band13

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-1.42	Pass
23230	10	16QAM	50	0	-1955	1955	-1.54	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-0.2	Pass
23230	10	16QAM	50	0	-1955	1955	-0.77	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-1.72	Pass
23230	10	16QAM	50	0	-1955	1955	-0.7	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	0.45	Pass
23230	10	16QAM	50	0	-1955	1955	1.84	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-2.05	Pass
23230	10	16QAM	50	0	-1955	1955	-1.69	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-0.94	Pass
23230	10	16QAM	50	0	-1955	1955	-0.47	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-2.09	Pass
23230	10	16QAM	50	0	-1955	1955	-3.48	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	0.46	Pass
23230	10	16QAM	50	0	-1955	1955	0.3	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	1.71	Pass
23230	10	16QAM	50	0	-1955	1955	1.4	Pass

7.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-1.69	Pass
23230	10	16QAM	50	0	-1955	1955	-2.45	Pass

7.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-2.56	Pass
23230	10	16QAM	50	0	-1955	1955	-3.88	Pass

8. LTE_Band17

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-0.17	Pass
23790	10	16QAM	50	0	-1775	1775	0.18	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	2.1	Pass
23790	10	16QAM	50	0	-1775	1775	-0.17	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-3.76	Pass
23790	10	16QAM	50	0	-1775	1775	-0.94	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-2.61	Pass
23790	10	16QAM	50	0	-1775	1775	-2.77	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-4.16	Pass
23790	10	16QAM	50	0	-1775	1775	-1.62	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-3.32	Pass
23790	10	16QAM	50	0	-1775	1775	-3.69	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-0.31	Pass
23790	10	16QAM	50	0	-1775	1775	-0.7	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-0.33	Pass
23790	10	16QAM	50	0	-1775	1775	-0.1	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-0.12	Pass
23790	10	16QAM	50	0	-1775	1775	-1.21	Pass

8.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-4.84	Pass
23790	10	16QAM	50	0	-1775	1775	-1.61	Pass

8.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-1.4	Pass
23790	10	16QAM	50	0	-1775	1775	-0.94	Pass

9. LTE_Band38

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	0.13	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	2.88	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-3.03	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-1.31	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-7.47	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	0.28	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-2.65	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-4.97	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-3.05	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-0.78	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-0.9	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-1.18	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-0.76	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	2.28	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	0.7	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-1.95	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	1.22	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-0.13	Pass

9.10 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-1.47	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-2.81	Pass

9.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-0.19	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-0.03	Pass

10. LTE_Band41 full

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-3.07	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-1.43	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-3.07	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-6.84	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-5.07	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	0.57	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	2.15	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	1.2	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	-5.21	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-4.63	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	0.96	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-4.65	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	0.36	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-2.14	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	0.75	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-5.82	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	0.82	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-4.32	Pass

10.9 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	2.66	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	1.09	Pass

10.10 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40620	10	QPSK	50	0	-6482.5	6482.5	1.92	Pass
40620	10	16QAM	50	0	-6482.5	6482.5	-3.37	Pass

11. LTE_Band42 3450-3550

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	0	-8750	8750	-7.95	Pass
42590	10	16QAM	50	0	-8750	8750	-6.49	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	0	-8750	8750	-10.79	Pass
42590	10	16QAM	50	0	-8750	8750	-13.83	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	0	-8750	8750	-10.41	Pass
42590	10	16QAM	50	0	-8750	8750	-9.78	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	0	-8750	8750	-5.25	Pass
42590	10	16QAM	50	0	-8750	8750	-7.05	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	0	-8750	8750	-8.37	Pass
42590	10	16QAM	50	0	-8750	8750	-15.86	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	0	-8750	8750	-8.48	Pass
42590	10	16QAM	50	0	-8750	8750	-9.91	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	0	-8750	8750	-7.62	Pass
42590	10	16QAM	50	0	-8750	8750	-1.9	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	0	-8750	8750	-0.53	Pass
42590	10	16QAM	50	0	-8750	8750	-2.03	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	0	-8750	8750	1.65	Pass
42590	10	16QAM	50	0	-8750	8750	3.53	Pass

11.910 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	0	-8750	8750	-7.7	Pass
42590	10	16QAM	50	0	-8750	8750	-8.64	Pass

11.11 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
42590	10	QPSK	50	0	-8750	8750	-8.41	Pass
42590	10	16QAM	50	0	-8750	8750	-4.98	Pass

1. CA_7C

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

2.2 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

3.2 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

4.2 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

6. CA_66C

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. n5

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-2.15	-2091.25	2091.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	0.12	-2091.25	2091.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-2.74	-2091.25	2091.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-4.33	-2091.25	2091.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-8.97	-2091.25	2091.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-8.66	-2091.25	2091.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-8.18	-2091.25	2091.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-8.44	-2091.25	2091.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-8.69	-2091.25	2091.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-8.29	-2091.25	2091.25	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
167300	20	15	DFT-s-OFDM	100	0	QPSK	-10.45	-2091.25	2091.25	Pass

2. n12 15kHz

2.1 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	-3.04	-1768.75	1768.75	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
141500	15	15	DFT-s-OFDM	75	0	QPSK	-0.86	-1768.75	1768.75	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
141500	15	15	DFT-s-OFDM	75	0	QPSK	-0.81	-1768.75	1768.75	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.09	-1768.75	1768.75	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
141500	15	15	DFT-s-OFDM	75	0	QPSK	-4.4	-1768.75	1768.75	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
141500	15	15	DFT-s-OFDM	75	0	QPSK	-4.29	-1768.75	1768.75	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
141500	15	15	DFT-s-OFDM	75	0	QPSK	-4.33	-1768.75	1768.75	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
141500	15	15	DFT-s-OFDM	75	0	QPSK	-4.71	-1768.75	1768.75	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
141500	15	15	DFT-s-OFDM	75	0	QPSK	-7.09	-1768.75	1768.75	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
141500	15	15	DFT-s-OFDM	75	0	QPSK	-6.62	-1768.75	1768.75	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
141500	15	15	DFT-s-OFDM	75	0	QPSK	-5.82	-1768.75	1768.75	Pass

3. n7

3.1 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	50	15	DFT-s-OFDM	270	0	QPSK	-2.06	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	50	15	DFT-s-OFDM	270	0	QPSK	-7.71	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	50	15	DFT-s-OFDM	270	0	QPSK	-9.33	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	50	15	DFT-s-OFDM	270	0	QPSK	-15.87	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	50	15	DFT-s-OFDM	270	0	QPSK	-19.2	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	50	15	DFT-s-OFDM	270	0	QPSK	-21.22	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	50	15	DFT-s-OFDM	270	0	QPSK	-17.46	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	50	15	DFT-s-OFDM	270	0	QPSK	-17.93	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	50	15	DFT-s-OFDM	270	0	QPSK	-21.65	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	50	15	DFT-s-OFDM	270	0	QPSK	-14.14	-6337.5	6337.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
507000	50	15	DFT-s-OFDM	270	0	QPSK	-10.04	-6337.5	6337.5	Pass

4. n41

4.1 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	-3.69	-6482.47	6482.47	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-17.19	-6482.47	6482.47	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-3.13	-6482.47	6482.47	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-0.29	-6482.47	6482.47	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-9.87	-6482.47	6482.47	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-4.5	-6482.47	6482.47	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-1.24	-6482.47	6482.47	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-3.48	-6482.47	6482.47	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-2.79	-6482.47	6482.47	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-2.35	-6482.47	6482.47	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
518598	100	30	DFT-s-OFDM	270	0	QPSK	-4.45	-6482.47	6482.47	Pass

4.12 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	3.52	-6482.47	6482.47	Pass

4.13 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	5.08	-6482.47	6482.47	Pass

4.14 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	0.56	-6482.47	6482.47	Pass

4.15 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	-18.57	-6482.47	6482.47	Pass

4.16 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	-6.87	-6482.47	6482.47	Pass

4.17 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	5.07	-6482.47	6482.47	Pass

4.18 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	5.22	-6482.47	6482.47	Pass

4.19 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	-1.82	-6482.47	6482.47	Pass

4.20 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	-2.46	-6482.47	6482.47	Pass

4.21 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	-8.38	-6482.47	6482.47	Pass

4.22 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	-14.69	-6482.47	6482.47	Pass

5. n38_PC3

5.1 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	20	30	DFT-s-OFDM	50	0	QPSK	-11.09	-6487.5	6487.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	20	30	DFT-s-OFDM	50	0	QPSK	-12.92	-6487.5	6487.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	20	30	DFT-s-OFDM	50	0	QPSK	-7.56	-6487.5	6487.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	20	30	DFT-s-OFDM	50	0	QPSK	-5.67	-6487.5	6487.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	20	30	DFT-s-OFDM	50	0	QPSK	-5.21	-6487.5	6487.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	20	30	DFT-s-OFDM	50	0	QPSK	-4.19	-6487.5	6487.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	20	30	DFT-s-OFDM	50	0	QPSK	-20.59	-6487.5	6487.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	20	30	DFT-s-OFDM	50	0	QPSK	1.04	-6487.5	6487.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	20	30	DFT-s-OFDM	50	0	QPSK	-6.86	-6487.5	6487.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	20	30	DFT-s-OFDM	50	0	QPSK	-2.99	-6487.5	6487.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
519000	20	30	DFT-s-OFDM	50	0	QPSK	-0.7	-6487.5	6487.5	Pass

6. n66 15kHz

6.1 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	40	15	DFT-s-OFDM	216	0	QPSK	8.96	-4362.5	4362.5	Pass

6.2 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
349000	40	15	DFT-s-OFDM	216	0	QPSK	1.47	-4362.5	4362.5	Pass

6.3 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
349000	40	15	DFT-s-OFDM	216	0	QPSK	0.32	-4362.5	4362.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	40	15	DFT-s-OFDM	216	0	QPSK	-1.92	-4362.5	4362.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	40	15	DFT-s-OFDM	216	0	QPSK	-5.24	-4362.5	4362.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	40	15	DFT-s-OFDM	216	0	QPSK	-8.09	-4362.5	4362.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	40	15	DFT-s-OFDM	216	0	QPSK	-8.02	-4362.5	4362.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	40	15	DFT-s-OFDM	216	0	QPSK	-5.22	-4362.5	4362.5	Pass

6.9 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
349000	40	15	DFT-s-OFDM	216	0	QPSK	-35.49	-4362.5	4362.5	Pass

6.10 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	40	15	DFT-s-OFDM	216	0	QPSK	-28.57	-4362.5	4362.5	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
349000	40	15	DFT-s-OFDM	216	0	QPSK	3.73	-4362.5	4362.5	Pass

7. n77 30kHz(3450-3550)

7.1 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	-81.75	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-10.61	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-19.34	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-18.28	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-16.06	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-10.88	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-8.84	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-59.85	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	3.08	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	4.09	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-2.45	-8749.95	8749.95	Pass

8. n78 30kHz(3450-3550)

8.1 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	-18.11	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-37.46	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-60.83	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-23.84	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-7.14	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-15.06	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-11.79	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-16.64	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-8.83	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-25.83	-8749.95	8749.95	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
633332	100	30	DFT-s-OFDM	270	0	QPSK	-19.64	-8749.95	8749.95	Pass

9. n77 30kHz(3700-3980)

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
656000	100	30	DFT-s-OFDM	270	0	QPSK	-23.37	-9600	9600	Pass

9.2 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	-101.52	-9600	9600	Pass

9.3 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	-28.38	-9600	9600	Pass

9.4 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	-19.77	-9600	9600	Pass

9.5 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	-20.07	-9600	9600	Pass

9.6 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	-21.11	-9600	9600	Pass

9.7 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	-20.96	-9600	9600	Pass

9.8 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	-12.46	-9600	9600	Pass

9.9 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	-67.58	-9600	9600	Pass

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

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
656000	100	30	DFT-s-OFDM	270	0	QPSK	6.24	-9600	9600	Pass

9.11 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	-1.68	-9600	9600	Pass

10. n78 30kHz(3700-3800)

10.1 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	-23.51	-9375	9375	Pass

10.2 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	-46.64	-9375	9375	Pass

10.3 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	-44.32	-9375	9375	Pass

10.4 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	-36.62	-9375	9375	Pass

10.5 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	-29.61	-9375	9375	Pass

10.6 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	-29.89	-9375	9375	Pass

10.7 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	-55.65	-9375	9375	Pass

10.8 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	-9.22	-9375	9375	Pass

10.9 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	-7.01	-9375	9375	Pass

10.10 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	-4.1	-9375	9375	Pass

10.11 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	-7.43	-9375	9375	Pass