

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	-10	-10.04	±2060.5	-15.5	±2091.5	-15.08	±2122	Pass
	0	-8.07		-6.91		-12.24		
	+10	-8.3		7.26		-10.78		
	+20	7.23		5.33		-5.91		
	+25	-5.2		-6.97		-13.37		
	+30	-7.85		-9.65		-4.49		
	+40	5.2		-6.78		-6.2		
	+50	-9.01		-6.23		-7.94		
4.53	+25	9.56		7.46		6.01		
3.45	+25	-13.14		-8.94		-8.59		

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	-10	-17.18	±4625.5	-17.34	±4700.0	-12.88	±4774.5	Pass
	0	-28.57		-16.82		-22.41		
	+10	-8.94		-14.63		-12.43		
	+20	-14.5		-10.01		12.98		
	+25	7.97		-8.36		-10.75		
	+30	-8.27		6.68		-9.88		
	+40	8.88		8.17		-16.01		
	+50	-11.36		-7.91		-14.85		
4.53	+25	-17.05		10.49		-9.3		
3.45	+25	-9.2		-8.43		-10.62		

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	-10	-7.3	±2060.5	-5.46	±2091.5	-7.33	±2122	Pass
	0	-10.11		6.36		-10.46		
	+10	-9.91		6.91		-10.04		
	+20	-7.65		-6.01		-7.33		
	+25	-8.07		-4.13		3.68		
	+30	-10.14		-10.49		-9.59		
	+40	-13.92		-6.78		-8.2		
	+50	4.49		-8.78		-3.94		
4.53	+25	-8.88		-7.81		-7.1		
3.45	+25	-6.94		-7.91		-11.59		

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	-10	-18.34	±4625.5	-18.24	±4700.0	-22.7	±4774.5	Pass
	0	-15.24		-22.31		-19.27		
	+10	-19.57		-19.89		-17.98		
	+20	-14.21		-10.88		-13.04		
	+25	-12.27		-10.94		-8.62		
	+30	-6.01		-8.56		-8.14		
	+40	-10.14		-3.36		-7.43		
	+50	-9.52		-10.01		-8.39		
4.53	+25	-12.2		-12.95		-10.65		
3.45	+25	-8.36		-10.17		10.17		

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	-10	-17.92	±2060.5	-15.63	±2091.5	-20.18	±2122	Pass
	0	-13.01		-14.63		-12.66		
	+10	-20.21		-6.42		4.94		
	+20	-6.65		-6.36		-8.91		
	+25	-6.46		-6.88		-4.65		
	+30	-9.62		-9.94		-7.91		
	+40	-10.2		-5.04		-5.17		
	+50	-7.62		-5.91		-9.65		
4.53	+25	-5.97		6.39		9.2		
3.45	+25	-14.24		-9.49		-8.1		

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	-10	-24.6	±4625.5	-27.8	±4700.0	-21.76	±4774.5	Pass
	0	-32.74		-14.75		-13.33		
	+10	-17.89		-24.83		-12.72		
	+20	-12.43		-13.27		-10.14		
	+25	-11.98		-9.33		6.59		
	+30	-9.81		-8.91		-8.88		
	+40	-5.33		-13.72		-9.01		
	+50	-13.95		-7.3		-11.14		
4.53	+25	-9.14		-12.72		-11.91		
3.45	+25	-12.33		-8.17		-10.85		

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	-10	-14.38	±4631	-17.97	±4700	-22.52	±4769	Pass
	0	-11.62		-12.7		-15.44		
	+10	-11.84		-11.8		-12.91		
	+20	-8.86		-10.27		-9.76		
	+25	-7.75		-11.13		-12.21		
	+30	-7.28		-10.94		-9.18		
	+40	-6.2		-10.69		-9.18		
	+50	-5.95		-8.48		-9.43		
4.53	+25	-5.76		-10.6		-10.84		
3.45	+25	-6.62		-12.82		-12.74		

WCDMA Band 4

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1712.4 MHz		MCH 1732.4 MHz		HCH 1752.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-10	0.58	±4281	-8.68	±4331	-6.14	±4381.5	Pass
	0	-1.73		-6.14		-9.83		
	+10	0.41		-11.86		-6.42		
	+20	-1.58		-10.34		-10.81		
	+25	-11.27		-9.63		-8.84		
	+30	-1.25		-11.44		-7.87		
	+40	-5.8		-13.13		-9.36		
	+50	0.24		-9.06		-10.22		
4.53	+25	-5.66		-11.17		-12.44		
3.45	+25	-5.46		-13.11		-8.97		

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	-10	-4.15	±2066	-6.47	±2091	-6.52	±2116.5	Pass
	0	-7.69		-6.66		-7.32		
	+10	-8.94		-8.2		-6.54		
	+20	-8.9		-7.25		-4.78		
	+25	-7.9		-7.98		-7.11		
	+30	-7.56		-6.92		-7.02		
	+40	-8.53		-7.77		-7.55		
	+50	-10.13		-7.56		-7.39		
4.53	+25	-8.43		-7.19		-7.17		
3.45	+25	-9.03		-7.88		-6.24		

LTE

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-8.25	±4700	Pass
	0	-6.14		
	+10	-5.65		
	+20	-1.69		
	+25	4.21		
	+30	-4.39		
	+40	2.59		
	+50	-4.08		
4.53	+25	-4.59	±4700	Pass
3.45	+25	1.33		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-10.33	±4700	Pass
	0	-7.71		
	+10	-5.69		
	+20	-5.75		
	+25	2.29		
	+30	-2.79		
	+40	-5.71		
	+50	-2.76		
4.53	+25	5.49	±4700	Pass
3.45	+25	-8.43		

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	-10	3.68	±4331.25	Pass
	0	-4.99		
	+10	-0.6		
	+20	-6.64		
	+25	-8.7		
	+30	6.79		
	+40	3.71		
	+50	3.85		
4.53	+25	-3.73	±4331.25	Pass
3.45	+25	-5.11		

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	-10	-4.25	±4331.25	Pass
	0	1.73		
	+10	-6.97		
	+20	1.73		
	+25	-0.29		
	+30	-2.8		
	+40	-0.72		
	+50	5.72		
4.53	+25	-2.96	±4331.25	Pass
3.45	+25	0		

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	-10	0.17	±2091.25	Pass
	0	-1.95		
	+10	-6.71		
	+20	-4.42		
	+25	-3.55		
	+30	-3.58		
	+40	-0.6		
	+50	-7.3		
4.53	+25	-5.58	±2091.25	Pass
3.45	+25	-3.86		

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	-10	0.47	±2091.25	Pass
	0	-5.99		
	+10	-2.32		
	+20	1.26		
	+25	-1.69		
	+30	-3.56		
	+40	-2.49		
	+50	-4.69		
4.53	+25	-0.79	±2091.25	Pass
3.45	+25	-2.36		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	19.37	±6337.5	Pass
	0	-4.08		
	+10	-2.23		
	+20	-5.14		
	+25	10.6		
	+30	-5.55		
	+40	2.78		
	+50	-6.9		
4.53	+25	2.16	±6337.5	Pass
3.45	+25	-15.22		

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	-10	14.15	±6337.5	Pass
	0	-3.26		
	+10	-10.8		
	+20	6.85		
	+25	-1.22		
	+30	8.54		
	+40	2.9		
	+50	1.6		
4.53	+25	0.6	±6337.5	Pass
3.45	+25	-5.79		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	4.15	±6487.5	Pass
	0	-9.67		
	+10	-6.11		
	+20	4.05		
	+25	-10.49		
	+30	-5.54		
	+40	-6.17		
	+50	3.92		
4.53	+25	-9.9	±6487.5	Pass
3.45	+25	-5.54		

LTE Band 38 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	7.04	±6487.5	Pass
	0	-2.42		
	+10	-8.7		
	+20	-3.56		
	+25	0.87		
	+30	1.96		
	+40	-3.71		
	+50	-4.12		
4.53	+25	1.82	±6487.5	Pass
3.45	+25	-0.06		

LTE Band 41(120M) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-5.98	±6487.5	Pass
	0	-4.31		
	+10	-1.97		
	+20	-6.79		
	+25	-7.17		
	+30	-11.9		
	+40	-2.36		
	+50	-7.01		
4.53	+25	7.55		
3.45	+25	4.08		

LTE Band 41(120M) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	6.98	±6487.5	Pass
	0	-6.54		
	+10	-6.47		
	+20	-3.78		
	+25	10.99		
	+30	-15.69		
	+40	-3.09		
	+50	-6.48		
4.53	+25	4.01		
3.45	+25	-1.3		

CA

CA_2C QPSK 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1877.5 MHz		SCC MCH 1889.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-2.25	±4693.75	1.13	±4723	Pass
	0	-8.23		-1.02		
	+10	-4.43		3.96		
	+20	-7.48		-4.11		
	+25	-1.77		-4.09		
	+30	-7.18		-8.6		
	+40	-6.04		-3.02		
	+50	-4.63		-2.7		
4.53	+25	-8.47		-2.73		
3.45	+25	1.04		-1.89		

CA_2C 16QAM 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1877.5 MHz		SCC MCH 1889.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-5.75	±4693.75	0.67	±4723	Pass
	0	3.29		-1.07		
	+10	-1.03		-1.13		
	+20	2.13		-0.99		
	+25	-3.93		-1.57		
	+30	-0.24		-0.43		
	+40	1.04		-0.93		
	+50	1.97		-0.74		
4.53	+25	3.36		0.51		
3.45	+25	0.51		-1.5		

CA_2C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1870.1 MHz		SCC MCH 1889.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-7.84	±4675.25	0.21	±4724.75	Pass
	0	-5.79		-3.29		
	+10	3.5		-6.68		
	+20	-4.63		-4.59		
	+25	-3.68		-1.77		
	+30	-0.89		-3.76		
	+40	-11.89		-6.08		
	+50	-1.75		-5.24		
4.53	+25	-1.42		-1.14		
3.45	+25	2.2		2.79		

CA_2C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1870.1 MHz		SCC MCH 1889.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	0.07	±4675.25	-2.22	±4724.75	Pass
	0	-3.15		-0.09		
	+10	-0.63		3.6		
	+20	1.77		0.93		
	+25	-4.22		-1.63		
	+30	-2.17		3.49		
	+40	1.76		-4.52		
	+50	3.13		-8.14		
4.53	+25	-4.51		2.85		
3.45	+25	-2.6		3.53		

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	-10	-3.23	±2085	-1.27	±2103	Pass
	0	-1.7		-4.82		
	+10	-3.88		-5.66		
	+20	-2.37		-1.62		
	+25	-1.33		-2.06		
	+30	-5.62		-2.19		
	+40	-4.12		-0.21		
	+50	-0.09		-2.43		
4.53	+25	-2.65		0.24		
3.45	+25	-0.29		-2.3		

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	-10	-0.86	±2085	-2.66	±2103	Pass
	0	-2.39		-1.86		
	+10	-6.91		-2.72		
	+20	-1.95		-4.71		
	+25	-5.78		-5.75		
	+30	-1.86		-7.95		
	+40	-3.12		-0.69		
	+50	-5.69		-8.45		
4.53	+25	-5.09		-3.28		
3.45	+25	-2.89		-2.05		

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	-10	-3.4	±2079	-5.19	±2103.75	Pass
	0	-5.56		-4.21		
	+10	4.26		0.6		
	+20	-4.18		-1.57		
	+25	-2.23		-3.03		
	+30	-4.61		-5.61		
	+40	-1.75		-2.9		
	+50	-5.05		-0.41		
4.53	+25	-3.6	±2079	-1.44	±2103.75	Pass
3.45	+25	-1.2		-1.54		

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	-10	0.03	±2079	0.17	±2103.75	Pass
	0	2.37		-1.5		
	+10	-2.85		0.17		
	+20	-2.26		-7.05		
	+25	-0.49		-2.76		
	+30	-3.65		-1.82		
	+40	-2.59		-2.33		
	+50	-2.02		-5.36		
4.53	+25	-0.01		2.47		
3.45	+25	-7.1		-2.1		

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	-10	-2.57	±6325.25	-2.12	±6361.25	Pass
	0	-0.73		-5.18		
	+10	-6.87		3.15		
	+20	-3.86		-9.81		
	+25	-4.58		-5.11		
	+30	-8.31		-4.16		
	+40	-9.78		1.82		
	+50	8.3		-2.19		
4.53	+25	-9.76	±6325.25	0.14	±6361.25	Pass
3.45	+25	-0.79		-10.66		

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	-10	-4.21	±6325.25	-2.79	±6361.25	Pass
	0	-1.43		0.13		
	+10	-7.35		-1.02		
	+20	-6.59		-0.37		
	+25	-6.19		-7		
	+30	-5.38		5.66		
	+40	0.5		-6.61		
	+50	0.9		-1.44		
4.53	+25	-6.61		-2.05		
3.45	+25	-2		-2.23		

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	-10	-1.65	±6312.75	-1.19	±6362.25	Pass
	0	-1.24		-5.64		
	+10	-3.3		-7.54		
	+20	-0.41		-3.71		
	+25	-2.75		-2.06		
	+30	-6.32		4.18		
	+40	-4.65		-5.12		
	+50	-9.46		-0.9		
4.53	+25	-8.98		-0.93		
3.45	+25	-5.94		-3.85		

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	-10	-8.27	±6312.75	-1.17	±6362.25	Pass
	0	-1.13		-6.68		
	+10	-5.51		-7.5		
	+20	-7.75		-0.8		
	+25	5.22		3.62		
	+30	-2.83		-12.82		
	+40	-4.21		-0.24		
	+50	1.34		0.09		
4.53	+25	-11.63	±6312.75	-2	±6362.25	Pass
3.45	+25	2.89		0.47		

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	-10	-0.23	±6468.75	-1.7	±6506.25	Pass
	0	-9.28		-9.86		
	+10	-1.83		-6.84		
	+20	-12.29		3.28		
	+25	-9		-10.36		
	+30	-6.08		-6.35		
	+40	-0.11		0.62		
	+50	-6.54		-4.39		
4.53	+25	-3.95	±6468.75	0.3	±6506.25	Pass
3.45	+25	-7.18		-5.54		

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	-10	4.49	±6468.75	-4.13	±6506.25	Pass
	0	-8.98		4.75		
	+10	-4.85		0.86		
	+20	0.33		-12.99		
	+25	-3.08		-8.67		
	+30	-4.01		-3.3		
	+40	-9.96		-7.7		
	+50	-5.05		0.14		
4.53	+25	-1.87	±6468.75	-3.72	±6506.25	Pass
3.45	+25	-3.39		-5.06		

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	-10	-0.79	±6462.75	-6.41	±6512.25	Pass
	0	-10.7		-3.56		
	+10	-18.84		-5.92		
	+20	-3.98		-2.83		
	+25	-3.6		-3.75		
	+30	-4.78		-1.34		
	+40	-5.74		-9.03		
	+50	-6.91		-5.89		
4.53	+25	-9.53		-5.26		
3.45	+25	-5.56		-7.84		

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	-10	-1.53	±6462.75	-8.74	±6512.25	Pass
	0	-1.8		-5.75		
	+10	0.06		3.82		
	+20	-5.22		-2.03		
	+25	-9.21		-4.26		
	+30	0.37		-5.45		
	+40	-0.01		-5.84		
	+50	-5.79		-0.97		
4.53	+25	-1.27		-3.43		
3.45	+25	-2.86		-4.36		

CA_41C(120M) QPSK 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2592.5 MHz		SCC MCH 2604.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-5.84	±6481.25	2.02	±6510.5	Pass
	0	-4.32		-4.08		
	+10	-8.4		-1.62		
	+20	-0.24		-10.36		
	+25	-0.34		-1.2		
	+30	-6.12		1.6		
	+40	0.49		-0.09		
	+50	-3.69		3.63		
4.53	+25	-2.63	±6481.25	2.5	±6510.5	Pass
3.45	+25	-1.36		-1.03		

CA_41C(120M) 16QAM 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2592.5 MHz		SCC MCH 2604.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	1.87	±6481.25	-0.5	±6510.5	Pass
	0	-2.32		-0.01		
	+10	3.4		-0.59		
	+20	2.79		1.53		
	+25	-1.19		-0.7		
	+30	-0.97		-3.02		
	+40	-8.35		-2.22		
	+50	2.57		-6.31		
4.53	+25	-5.91		3.55		
3.45	+25	-3.71		4.26		

CA_41C(120M) 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	-10	-11.24	±6462.75	-1.3	±6512.25	Pass
	0	-1.34		-12.36		
	+10	-7.32		-9		
	+20	-12.75		-6.74		
	+25	-11.69		-1.33		
	+30	-9.61		-3.96		
	+40	-10.91		-2.68		
	+50	-5.88		-5.45		
4.53	+25	-9.66	±6462.75	-1.73	±6512.25	Pass
3.45	+25	-5.75		-4.38		

CA_41C(120M) 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	-10	-4.21	±6462.75	2.53	±6512.25	Pass
	0	-4.55		-1.23		
	+10	-0.24		-3.63		
	+20	-6.85		0.6		
	+25	-6.01		-7.68		
	+30	-1.66		-3.72		
	+40	-5.35		-5.81		
	+50	0.77		0.63		
4.53	+25	-6.25		-5.59		
3.45	+25	-0.77		-9.84		

1. GSM_GSM850

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

1.1. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	128	5	Static	-10.04	-2060.5	2060.5	Pass
-10 Degree	190	5	Static	-15.5	-2091.5	2091.5	Pass
-10 Degree	251	5	Static	-15.08	-2122	2122	Pass

1.2. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	128	5	Static	-8.07	-2060.5	2060.5	Pass
0 Degree	190	5	Static	-6.91	-2091.5	2091.5	Pass
0 Degree	251	5	Static	-12.24	-2122	2122	Pass

1.3. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	128	5	Static	-8.3	-2060.5	2060.5	Pass
10 Degree	190	5	Static	7.26	-2091.5	2091.5	Pass
10 Degree	251	5	Static	-10.78	-2122	2122	Pass

1.4. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	128	5	Static	7.23	-2060.5	2060.5	Pass
20 Degree	190	5	Static	5.33	-2091.5	2091.5	Pass
20 Degree	251	5	Static	-5.91	-2122	2122	Pass

1.5. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	128	5	Static	-5.2	-2060.5	2060.5	Pass
25 Degree	190	5	Static	-6.97	-2091.5	2091.5	Pass
25 Degree	251	5	Static	-13.37	-2122	2122	Pass

1.6. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	128	5	Static	-7.85	-2060.5	2060.5	Pass
30 Degree	190	5	Static	-9.65	-2091.5	2091.5	Pass
30 Degree	251	5	Static	-4.49	-2122	2122	Pass

1.7. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	128	5	Static	5.2	-2060.5	2060.5	Pass
40 Degree	190	5	Static	-6.78	-2091.5	2091.5	Pass
40 Degree	251	5	Static	-6.2	-2122	2122	Pass

1.8. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	128	5	Static	-9.01	-2060.5	2060.5	Pass
50 Degree	190	5	Static	-6.23	-2091.5	2091.5	Pass
50 Degree	251	5	Static	-7.94	-2122	2122	Pass

1.9. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	128	5	Static	9.56	-2060.5	2060.5	Pass
NTLV	190	5	Static	7.46	-2091.5	2091.5	Pass
NTLV	251	5	Static	6.01	-2122	2122	Pass

1.10. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	128	5	Static	-13.14	-2060.5	2060.5	Pass
NTHV	190	5	Static	-8.94	-2091.5	2091.5	Pass
NTHV	251	5	Static	-8.59	-2122	2122	Pass

2. GSM_PCS

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

2.1. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	512	0	Static	-17.18	-4625.5	4625.5	Pass
-10 Degree	661	0	Static	-17.34	-4700	4700	Pass
-10 Degree	810	0	Static	-12.88	-4774.5	4774.5	Pass

2.2. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	512	0	Static	-28.57	-4625.5	4625.5	Pass
0 Degree	661	0	Static	-16.82	-4700	4700	Pass
0 Degree	810	0	Static	-22.41	-4774.5	4774.5	Pass

2.3. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	512	0	Static	-8.94	-4625.5	4625.5	Pass
10 Degree	661	0	Static	-14.63	-4700	4700	Pass
10 Degree	810	0	Static	-12.43	-4774.5	4774.5	Pass

2.4. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	512	0	Static	-14.5	-4625.5	4625.5	Pass
20 Degree	661	0	Static	-10.01	-4700	4700	Pass
20 Degree	810	0	Static	12.98	-4774.5	4774.5	Pass

2.5. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	512	0	Static	7.97	-4625.5	4625.5	Pass
25 Degree	661	0	Static	-8.36	-4700	4700	Pass
25 Degree	810	0	Static	-10.75	-4774.5	4774.5	Pass

2.6. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	512	0	Static	-8.27	-4625.5	4625.5	Pass
30 Degree	661	0	Static	6.68	-4700	4700	Pass
30 Degree	810	0	Static	-9.88	-4774.5	4774.5	Pass

2.7. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	512	0	Static	8.88	-4625.5	4625.5	Pass
40 Degree	661	0	Static	8.17	-4700	4700	Pass
40 Degree	810	0	Static	-16.01	-4774.5	4774.5	Pass

2.8. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	512	0	Static	-11.36	-4625.5	4625.5	Pass
50 Degree	661	0	Static	-7.91	-4700	4700	Pass
50 Degree	810	0	Static	-14.85	-4774.5	4774.5	Pass

2.9. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	512	0	Static	-17.05	-4625.5	4625.5	Pass
NTLV	661	0	Static	10.49	-4700	4700	Pass
NTLV	810	0	Static	-9.3	-4774.5	4774.5	Pass

2.10. GSM Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	512	0	Static	-9.2	-4625.5	4625.5	Pass
NTHV	661	0	Static	-8.43	-4700	4700	Pass
NTHV	810	0	Static	-10.62	-4774.5	4774.5	Pass

1. GPRS_GSM850

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

1.1. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	128	5	Static	-7.3	-2060.5	2060.5	Pass
-10 Degree	190	5	Static	-5.46	-2091.5	2091.5	Pass
-10 Degree	251	5	Static	-7.33	-2122	2122	Pass

1.2. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	128	5	Static	-10.11	-2060.5	2060.5	Pass
0 Degree	190	5	Static	6.36	-2091.5	2091.5	Pass
0 Degree	251	5	Static	-10.46	-2122	2122	Pass

1.3. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	128	5	Static	-9.91	-2060.5	2060.5	Pass
10 Degree	190	5	Static	6.91	-2091.5	2091.5	Pass
10 Degree	251	5	Static	-10.04	-2122	2122	Pass

1.4. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	128	5	Static	-7.65	-2060.5	2060.5	Pass
20 Degree	190	5	Static	-6.01	-2091.5	2091.5	Pass
20 Degree	251	5	Static	-7.33	-2122	2122	Pass

1.5. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	128	5	Static	-8.07	-2060.5	2060.5	Pass
25 Degree	190	5	Static	-4.13	-2091.5	2091.5	Pass
25 Degree	251	5	Static	3.68	-2122	2122	Pass

1.6. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	128	5	Static	-10.14	-2060.5	2060.5	Pass
30 Degree	190	5	Static	-10.49	-2091.5	2091.5	Pass
30 Degree	251	5	Static	-9.59	-2122	2122	Pass

1.7. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	128	5	Static	-13.92	-2060.5	2060.5	Pass
40 Degree	190	5	Static	-6.78	-2091.5	2091.5	Pass
40 Degree	251	5	Static	-8.2	-2122	2122	Pass

1.8. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	128	5	Static	4.49	-2060.5	2060.5	Pass
50 Degree	190	5	Static	-8.78	-2091.5	2091.5	Pass
50 Degree	251	5	Static	-3.94	-2122	2122	Pass

1.9. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	128	5	Static	-8.88	-2060.5	2060.5	Pass
NTLV	190	5	Static	-7.81	-2091.5	2091.5	Pass
NTLV	251	5	Static	-7.1	-2122	2122	Pass

1.10. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	128	5	Static	-6.94	-2060.5	2060.5	Pass
NTHV	190	5	Static	-7.91	-2091.5	2091.5	Pass
NTHV	251	5	Static	-11.59	-2122	2122	Pass

2. GPRS_PCS

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

2.1. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	512	0	Static	-18.34	-4625.5	4625.5	Pass
-10 Degree	661	0	Static	-18.24	-4700	4700	Pass
-10 Degree	810	0	Static	-22.7	-4774.5	4774.5	Pass

2.2. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	512	0	Static	-15.24	-4625.5	4625.5	Pass
0 Degree	661	0	Static	-22.31	-4700	4700	Pass
0 Degree	810	0	Static	-19.27	-4774.5	4774.5	Pass

2.3. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	512	0	Static	-19.57	-4625.5	4625.5	Pass
10 Degree	661	0	Static	-19.89	-4700	4700	Pass
10 Degree	810	0	Static	-17.98	-4774.5	4774.5	Pass

2.4. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	512	0	Static	-14.21	-4625.5	4625.5	Pass
20 Degree	661	0	Static	-10.88	-4700	4700	Pass
20 Degree	810	0	Static	-13.04	-4774.5	4774.5	Pass

2.5. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	512	0	Static	-12.27	-4625.5	4625.5	Pass
25 Degree	661	0	Static	-10.94	-4700	4700	Pass
25 Degree	810	0	Static	-8.62	-4774.5	4774.5	Pass

2.6. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	512	0	Static	-6.01	-4625.5	4625.5	Pass
30 Degree	661	0	Static	-8.56	-4700	4700	Pass
30 Degree	810	0	Static	-8.14	-4774.5	4774.5	Pass

2.7. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	512	0	Static	-10.14	-4625.5	4625.5	Pass
40 Degree	661	0	Static	-3.36	-4700	4700	Pass
40 Degree	810	0	Static	-7.43	-4774.5	4774.5	Pass

2.8. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	512	0	Static	-9.52	-4625.5	4625.5	Pass
50 Degree	661	0	Static	-10.01	-4700	4700	Pass
50 Degree	810	0	Static	-8.39	-4774.5	4774.5	Pass

2.9. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	512	0	Static	-12.2	-4625.5	4625.5	Pass
NTLV	661	0	Static	-12.95	-4700	4700	Pass
NTLV	810	0	Static	-10.65	-4774.5	4774.5	Pass

2.10. GPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	512	0	Static	-8.36	-4625.5	4625.5	Pass
NTHV	661	0	Static	-10.17	-4700	4700	Pass
NTHV	810	0	Static	10.17	-4774.5	4774.5	Pass

1. EGPRS_GSM850

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

1.1. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	128	8	Static	-17.92	-2060.5	2060.5	Pass
-10 Degree	190	8	Static	-15.63	-2091.5	2091.5	Pass
-10 Degree	251	8	Static	-20.18	-2122	2122	Pass

1.2. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	128	8	Static	-13.01	-2060.5	2060.5	Pass
0 Degree	190	8	Static	-14.63	-2091.5	2091.5	Pass
0 Degree	251	8	Static	-12.66	-2122	2122	Pass

1.3. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	128	8	Static	-20.21	-2060.5	2060.5	Pass
10 Degree	190	8	Static	-6.42	-2091.5	2091.5	Pass
10 Degree	251	8	Static	4.94	-2122	2122	Pass

1.4. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	128	8	Static	-6.65	-2060.5	2060.5	Pass
20 Degree	190	8	Static	-6.36	-2091.5	2091.5	Pass
20 Degree	251	8	Static	-8.91	-2122	2122	Pass

1.5. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	128	8	Static	-6.46	-2060.5	2060.5	Pass
25 Degree	190	8	Static	-6.88	-2091.5	2091.5	Pass
25 Degree	251	8	Static	-4.65	-2122	2122	Pass

1.6. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	128	8	Static	-9.62	-2060.5	2060.5	Pass
30 Degree	190	8	Static	-9.94	-2091.5	2091.5	Pass
30 Degree	251	8	Static	-7.91	-2122	2122	Pass

1.7. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	128	8	Static	-10.2	-2060.5	2060.5	Pass
40 Degree	190	8	Static	-5.04	-2091.5	2091.5	Pass
40 Degree	251	8	Static	-5.17	-2122	2122	Pass

1.8. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	128	8	Static	-7.62	-2060.5	2060.5	Pass
50 Degree	190	8	Static	-5.91	-2091.5	2091.5	Pass
50 Degree	251	8	Static	-9.65	-2122	2122	Pass

1.9. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	128	8	Static	-5.97	-2060.5	2060.5	Pass
NTLV	190	8	Static	6.39	-2091.5	2091.5	Pass
NTLV	251	8	Static	9.2	-2122	2122	Pass

1.10. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	128	8	Static	-14.24	-2060.5	2060.5	Pass
NTHV	190	8	Static	-9.49	-2091.5	2091.5	Pass
NTHV	251	8	Static	-8.1	-2122	2122	Pass

2. EGPRS_PCS

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

2.1. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	512	2	Static	-24.6	-4625.5	4625.5	Pass
-10 Degree	661	2	Static	-27.8	-4700	4700	Pass
-10 Degree	810	2	Static	-21.76	-4774.5	4774.5	Pass

2.2. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	512	2	Static	-32.74	-4625.5	4625.5	Pass
0 Degree	661	2	Static	-14.75	-4700	4700	Pass
0 Degree	810	2	Static	-13.33	-4774.5	4774.5	Pass

2.3. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	512	2	Static	-17.89	-4625.5	4625.5	Pass
10 Degree	661	2	Static	-24.83	-4700	4700	Pass
10 Degree	810	2	Static	-12.72	-4774.5	4774.5	Pass

2.4. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	512	2	Static	-12.43	-4625.5	4625.5	Pass
20 Degree	661	2	Static	-13.27	-4700	4700	Pass
20 Degree	810	2	Static	-10.14	-4774.5	4774.5	Pass

2.5. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	512	2	Static	-11.98	-4625.5	4625.5	Pass
25 Degree	661	2	Static	-9.33	-4700	4700	Pass
25 Degree	810	2	Static	6.59	-4774.5	4774.5	Pass

2.6. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	512	2	Static	-9.81	-4625.5	4625.5	Pass
30 Degree	661	2	Static	-8.91	-4700	4700	Pass
30 Degree	810	2	Static	-8.88	-4774.5	4774.5	Pass

2.7. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	512	2	Static	-5.33	-4625.5	4625.5	Pass
40 Degree	661	2	Static	-13.72	-4700	4700	Pass
40 Degree	810	2	Static	-9.01	-4774.5	4774.5	Pass

2.8. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	512	2	Static	-13.95	-4625.5	4625.5	Pass
50 Degree	661	2	Static	-7.3	-4700	4700	Pass
50 Degree	810	2	Static	-11.14	-4774.5	4774.5	Pass

2.9. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	512	2	Static	-9.14	-4625.5	4625.5	Pass
NTLV	661	2	Static	-12.72	-4700	4700	Pass
NTLV	810	2	Static	-11.91	-4774.5	4774.5	Pass

2.10. EGPRS Frequency Stability_Part22-24

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
GSM Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	512	2	Static	-12.33	-4625.5	4625.5	Pass
NTHV	661	2	Static	-8.17	-4700	4700	Pass
NTHV	810	2	Static	-10.85	-4774.5	4774.5	Pass

1. WCDMA_Band2

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

1.1. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	9262	8.97	-4631	4631	-14.38	Pass
-10 Degree	9400	9.06	-4700	4700	-17.97	Pass
-10 Degree	9538	9.13	-4769	4769	-22.52	Pass

1.2. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	9262	8.97	-4631	4631	-11.62	Pass
0 Degree	9400	9.06	-4700	4700	-12.7	Pass
0 Degree	9538	9.13	-4769	4769	-15.44	Pass

1.3. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	9262	8.97	-4631	4631	-11.84	Pass
10 Degree	9400	9.06	-4700	4700	-11.8	Pass
10 Degree	9538	9.13	-4769	4769	-12.91	Pass

1.4. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	9262	8.97	-4631	4631	-8.86	Pass
20 Degree	9400	9.06	-4700	4700	-10.27	Pass
20 Degree	9538	9.13	-4769	4769	-9.76	Pass

1.5. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	9262	8.97	-4631	4631	-7.75	Pass
25 Degree	9400	9.06	-4700	4700	-11.13	Pass
25 Degree	9538	9.13	-4769	4769	-12.21	Pass

1.6. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	9262	8.97	-4631	4631	-7.28	Pass
30 Degree	9400	9.06	-4700	4700	-10.94	Pass
30 Degree	9538	9.13	-4769	4769	-9.18	Pass

1.7. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	9262	8.97	-4631	4631	-6.2	Pass
40 Degree	9400	9.06	-4700	4700	-10.69	Pass
40 Degree	9538	9.13	-4769	4769	-9.18	Pass

1.8. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	9262	8.97	-4631	4631	-5.95	Pass
50 Degree	9400	9.06	-4700	4700	-8.48	Pass
50 Degree	9538	9.13	-4769	4769	-9.43	Pass

1.9. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	9262	8.97	-4631	4631	-5.76	Pass
NTLV	9400	9.06	-4700	4700	-10.6	Pass
NTLV	9538	9.13	-4769	4769	-10.84	Pass

1.10. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	9262	8.97	-4631	4631	-6.62	Pass
NTHV	9400	9.06	-4700	4700	-12.82	Pass
NTHV	9538	9.13	-4769	4769	-12.74	Pass

2. WCDMA_Band4

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

2.1. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	1312	8.91	-4281	4281	0.58	Pass
-10 Degree	1412	8.94	-4331	4331	-8.68	Pass
-10 Degree	1513	8.98	-4381.5	4381.5	-6.14	Pass

2.2. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	1312	8.91	-4281	4281	-1.73	Pass
0 Degree	1412	8.94	-4331	4331	-6.14	Pass
0 Degree	1513	8.98	-4381.5	4381.5	-9.83	Pass

2.3. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	1312	8.91	-4281	4281	0.41	Pass
10 Degree	1412	8.94	-4331	4331	-11.86	Pass
10 Degree	1513	8.98	-4381.5	4381.5	-6.42	Pass

2.4. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	1312	8.91	-4281	4281	-1.58	Pass
20 Degree	1412	8.94	-4331	4331	-10.34	Pass
20 Degree	1513	8.98	-4381.5	4381.5	-10.81	Pass

2.5. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	1312	8.91	-4281	4281	-11.27	Pass
25 Degree	1412	8.94	-4331	4331	-9.63	Pass
25 Degree	1513	8.98	-4381.5	4381.5	-8.84	Pass

2.6. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	1312	8.91	-4281	4281	-1.25	Pass
30 Degree	1412	8.94	-4331	4331	-11.44	Pass
30 Degree	1513	8.98	-4381.5	4381.5	-7.87	Pass

2.7. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	1312	8.91	-4281	4281	-5.8	Pass
40 Degree	1412	8.94	-4331	4331	-13.13	Pass
40 Degree	1513	8.98	-4381.5	4381.5	-9.36	Pass

2.8. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	1312	8.91	-4281	4281	0.24	Pass
50 Degree	1412	8.94	-4331	4331	-9.06	Pass
50 Degree	1513	8.98	-4381.5	4381.5	-10.22	Pass

2.9. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	1312	8.91	-4281	4281	-5.66	Pass
NTLV	1412	8.94	-4331	4331	-11.17	Pass
NTLV	1513	8.98	-4381.5	4381.5	-12.44	Pass

2.10. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	1312	8.91	-4281	4281	-5.46	Pass
NTHV	1412	8.94	-4331	4331	-13.11	Pass
NTHV	1513	8.98	-4381.5	4381.5	-8.97	Pass

3. WCDMA_Band5

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

3.1. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	4132	7.84	-2066	2066	-4.15	Pass
-10 Degree	4182	7.85	-2091	2091	-6.47	Pass
-10 Degree	4233	7.85	-2116.5	2116.5	-6.52	Pass

3.2. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	4132	7.84	-2066	2066	-7.69	Pass
0 Degree	4182	7.85	-2091	2091	-6.66	Pass
0 Degree	4233	7.85	-2116.5	2116.5	-7.32	Pass

3.3. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	4132	7.84	-2066	2066	-8.94	Pass
10 Degree	4182	7.85	-2091	2091	-8.2	Pass
10 Degree	4233	7.85	-2116.5	2116.5	-6.54	Pass

3.4. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	4132	7.84	-2066	2066	-8.9	Pass
20 Degree	4182	7.85	-2091	2091	-7.25	Pass
20 Degree	4233	7.85	-2116.5	2116.5	-4.78	Pass

3.5. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	4132	7.84	-2066	2066	-7.9	Pass
25 Degree	4182	7.85	-2091	2091	-7.98	Pass
25 Degree	4233	7.85	-2116.5	2116.5	-7.11	Pass

3.6. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	4132	7.84	-2066	2066	-7.56	Pass
30 Degree	4182	7.85	-2091	2091	-6.92	Pass
30 Degree	4233	7.85	-2116.5	2116.5	-7.02	Pass

3.7. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	4132	7.84	-2066	2066	-8.53	Pass
40 Degree	4182	7.85	-2091	2091	-7.77	Pass
40 Degree	4233	7.85	-2116.5	2116.5	-7.55	Pass

3.8. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	4132	7.84	-2066	2066	-10.13	Pass
50 Degree	4182	7.85	-2091	2091	-7.56	Pass
50 Degree	4233	7.85	-2116.5	2116.5	-7.39	Pass

3.9. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	4132	7.84	-2066	2066	-8.43	Pass
NTLV	4182	7.85	-2091	2091	-7.19	Pass
NTLV	4233	7.85	-2116.5	2116.5	-7.17	Pass

3.10. WCDMA Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
WCDMA Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	4132	7.84	-2066	2066	-9.03	Pass
NTHV	4182	7.85	-2091	2091	-7.88	Pass
NTHV	4233	7.85	-2116.5	2116.5	-6.24	Pass

1. LTE_Band2

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

1.1. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	18900	10	QPSK	50	0	9.06	-4700	4700	-8.25	Pass
-10 Degree	18900	10	16QAM	50	0	9.06	-4700	4700	-10.33	Pass

1.2. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	18900	10	QPSK	50	0	9.06	-4700	4700	-6.14	Pass
0 Degree	18900	10	16QAM	50	0	9.06	-4700	4700	-7.71	Pass

1.3. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	18900	10	QPSK	50	0	9.06	-4700	4700	-5.65	Pass
10 Degree	18900	10	16QAM	50	0	9.06	-4700	4700	-5.69	Pass

1.4. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	18900	10	QPSK	50	0	9.06	-4700	4700	-1.69	Pass
20 Degree	18900	10	16QAM	50	0	9.06	-4700	4700	-5.75	Pass

1.5. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	18900	10	QPSK	50	0	9.06	-4700	4700	4.21	Pass
25 Degree	18900	10	16QAM	50	0	9.06	-4700	4700	2.29	Pass

1.6. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	18900	10	QPSK	50	0	9.06	-4700	4700	-4.39	Pass
30 Degree	18900	10	16QAM	50	0	9.06	-4700	4700	-2.79	Pass

1.7. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	18900	10	QPSK	50	0	9.06	-4700	4700	2.59	Pass
40 Degree	18900	10	16QAM	50	0	9.06	-4700	4700	-5.71	Pass

1.8. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	18900	10	QPSK	50	0	9.06	-4700	4700	-4.08	Pass
50 Degree	18900	10	16QAM	50	0	9.06	-4700	4700	-2.76	Pass

1.9. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	18900	10	QPSK	50	0	9.06	-4700	4700	-4.59	Pass
NTHV	18900	10	16QAM	50	0	9.06	-4700	4700	5.49	Pass

1.10. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	18900	10	QPSK	50	0	9.06	-4700	4700	1.33	Pass
NTLV	18900	10	16QAM	50	0	9.06	-4700	4700	-8.43	Pass

2. LTE_Band4

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

2.1. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	20175	10	QPSK	50	0	8.94	-4331.25	4331.25	3.68	Pass
-10 Degree	20175	10	16QAM	50	0	8.94	-4331.25	4331.25	-4.25	Pass

2.2. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	20175	10	QPSK	50	0	8.94	-4331.25	4331.25	-4.99	Pass
0 Degree	20175	10	16QAM	50	0	8.94	-4331.25	4331.25	1.73	Pass

2.3. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	20175	10	QPSK	50	0	8.94	-4331.25	4331.25	-0.6	Pass
10 Degree	20175	10	16QAM	50	0	8.94	-4331.25	4331.25	-6.97	Pass

2.4. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	20175	10	QPSK	50	0	8.94	-4331.25	4331.25	-6.64	Pass
20 Degree	20175	10	16QAM	50	0	8.94	-4331.25	4331.25	1.73	Pass

2.5. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	20175	10	QPSK	50	0	8.94	-4331.25	4331.25	-8.7	Pass
25 Degree	20175	10	16QAM	50	0	8.94	-4331.25	4331.25	-0.29	Pass

2.6. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	20175	10	QPSK	50	0	8.94	-4331.25	4331.25	6.79	Pass
30 Degree	20175	10	16QAM	50	0	8.94	-4331.25	4331.25	-2.8	Pass

2.7. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	20175	10	QPSK	50	0	8.94	-4331.25	4331.25	3.71	Pass
40 Degree	20175	10	16QAM	50	0	8.94	-4331.25	4331.25	-0.72	Pass

2.8. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	20175	10	QPSK	50	0	8.94	-4331.25	4331.25	3.85	Pass
50 Degree	20175	10	16QAM	50	0	8.94	-4331.25	4331.25	5.72	Pass

2.9. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	20175	10	QPSK	50	0	8.94	-4331.25	4331.25	-3.73	Pass
NTHV	20175	10	16QAM	50	0	8.94	-4331.25	4331.25	-2.96	Pass

2.10. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	20175	10	QPSK	50	0	8.94	-4331.25	4331.25	-5.11	Pass
NTLV	20175	10	16QAM	50	0	8.94	-4331.25	4331.25	0	Pass

3. LTE_Band5

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

3.1. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	20525	10	QPSK	50	0	7.85	-2091.25	2091.25	0.17	Pass
-10 Degree	20525	10	16QAM	50	0	7.85	-2091.25	2091.25	0.47	Pass

3.2. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	20525	10	QPSK	50	0	7.85	-2091.25	2091.25	-1.95	Pass
0 Degree	20525	10	16QAM	50	0	7.85	-2091.25	2091.25	-5.99	Pass

3.3. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	20525	10	QPSK	50	0	7.85	-2091.25	2091.25	-6.71	Pass
10 Degree	20525	10	16QAM	50	0	7.85	-2091.25	2091.25	-2.32	Pass

3.4. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	20525	10	QPSK	50	0	7.85	-2091.25	2091.25	-4.42	Pass
20 Degree	20525	10	16QAM	50	0	7.85	-2091.25	2091.25	1.26	Pass

3.5. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	20525	10	QPSK	50	0	7.85	-2091.25	2091.25	-3.55	Pass
25 Degree	20525	10	16QAM	50	0	7.85	-2091.25	2091.25	-1.69	Pass

3.6. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	20525	10	QPSK	50	0	7.85	-2091.25	2091.25	-3.58	Pass
30 Degree	20525	10	16QAM	50	0	7.85	-2091.25	2091.25	-3.56	Pass

3.7. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	20525	10	QPSK	50	0	7.85	-2091.25	2091.25	-0.6	Pass
40 Degree	20525	10	16QAM	50	0	7.85	-2091.25	2091.25	-2.49	Pass

3.8. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	20525	10	QPSK	50	0	7.85	-2091.25	2091.25	-7.3	Pass
50 Degree	20525	10	16QAM	50	0	7.85	-2091.25	2091.25	-4.69	Pass

3.9. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	20525	10	QPSK	50	0	7.85	-2091.25	2091.25	-5.58	Pass
NTHV	20525	10	16QAM	50	0	7.85	-2091.25	2091.25	-0.79	Pass

3.10. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	20525	10	QPSK	50	0	7.85	-2091.25	2091.25	-3.86	Pass
NTLV	20525	10	16QAM	50	0	7.85	-2091.25	2091.25	-2.36	Pass

4. LTE_Band7

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

4.1. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path Loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	21100	10	QPSK	50	0	9.76	-6337.5	6337.5	19.37	Pass
-10 Degree	21100	10	16QAM	50	0	9.76	-6337.5	6337.5	14.15	Pass

4.2. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	21100	10	QPSK	50	0	9.76	-6337.5	6337.5	-4.08	Pass
0 Degree	21100	10	16QAM	50	0	9.76	-6337.5	6337.5	-3.26	Pass

4.3. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	21100	10	QPSK	50	0	9.76	-6337.5	6337.5	-2.23	Pass
10 Degree	21100	10	16QAM	50	0	9.76	-6337.5	6337.5	-10.8	Pass

4.4. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	21100	10	QPSK	50	0	9.76	-6337.5	6337.5	-5.14	Pass
20 Degree	21100	10	16QAM	50	0	9.76	-6337.5	6337.5	6.85	Pass

4.5. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	21100	10	QPSK	50	0	9.76	-6337.5	6337.5	10.6	Pass
25 Degree	21100	10	16QAM	50	0	9.76	-6337.5	6337.5	-1.22	Pass

4.6. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path Loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	21100	10	QPSK	50	0	9.76	-6337.5	6337.5	-5.55	Pass
30 Degree	21100	10	16QAM	50	0	9.76	-6337.5	6337.5	8.54	Pass

4.7. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	21100	10	QPSK	50	0	9.76	-6337.5	6337.5	2.78	Pass
40 Degree	21100	10	16QAM	50	0	9.76	-6337.5	6337.5	2.9	Pass

4.8. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	21100	10	QPSK	50	0	9.76	-6337.5	6337.5	-6.9	Pass
50 Degree	21100	10	16QAM	50	0	9.76	-6337.5	6337.5	1.6	Pass

4.9. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	21100	10	QPSK	50	0	9.76	-6337.5	6337.5	2.16	Pass
NTHV	21100	10	16QAM	50	0	9.76	-6337.5	6337.5	0.6	Pass

4.10. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	21100	10	QPSK	50	0	9.76	-6337.5	6337.5	-15.22	Pass
NTLV	21100	10	16QAM	50	0	9.76	-6337.5	6337.5	-5.79	Pass

5. LTE_Band38

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

5.1. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path Loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	38000	10	QPSK	50	0	9.83	-6487.5	6487.5	4.15	Pass
-10 Degree	38000	10	16QAM	50	0	9.83	-6487.5	6487.5	7.04	Pass

5.2. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	38000	10	QPSK	50	0	9.83	-6487.5	6487.5	-9.67	Pass
0 Degree	38000	10	16QAM	50	0	9.83	-6487.5	6487.5	-2.42	Pass

5.3. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	38000	10	QPSK	50	0	9.83	-6487.5	6487.5	-6.11	Pass
10 Degree	38000	10	16QAM	50	0	9.83	-6487.5	6487.5	-8.7	Pass

5.4. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	38000	10	QPSK	50	0	9.83	-6487.5	6487.5	4.05	Pass
20 Degree	38000	10	16QAM	50	0	9.83	-6487.5	6487.5	-3.56	Pass

5.5. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	38000	10	QPSK	50	0	9.83	-6487.5	6487.5	-10.49	Pass
25 Degree	38000	10	16QAM	50	0	9.83	-6487.5	6487.5	0.87	Pass

5.6. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path Loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	38000	10	QPSK	50	0	9.83	-6487.5	6487.5	-5.54	Pass
30 Degree	38000	10	16QAM	50	0	9.83	-6487.5	6487.5	1.96	Pass

5.7. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path Loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	38000	10	QPSK	50	0	9.83	-6487.5	6487.5	-6.17	Pass
40 Degree	38000	10	16QAM	50	0	9.83	-6487.5	6487.5	-3.71	Pass

5.8. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	38000	10	QPSK	50	0	9.83	-6487.5	6487.5	3.92	Pass
50 Degree	38000	10	16QAM	50	0	9.83	-6487.5	6487.5	-4.12	Pass

5.9. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	38000	10	QPSK	50	0	9.83	-6487.5	6487.5	-9.9	Pass
NTHV	38000	10	16QAM	50	0	9.83	-6487.5	6487.5	1.82	Pass

5.10. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	38000	10	QPSK	50	0	9.83	-6487.5	6487.5	-5.54	Pass
NTLV	38000	10	16QAM	50	0	9.83	-6487.5	6487.5	-0.06	Pass

6. LTE_Band41 120M

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

6.1. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path Loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	40640	10	QPSK	50	0	9.83	-6487.5	6487.5	-5.98	Pass
-10 Degree	40640	10	16QAM	50	0	9.83	-6487.5	6487.5	6.98	Pass

6.2. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	40640	10	QPSK	50	0	9.83	-6487.5	6487.5	-4.31	Pass
0 Degree	40640	10	16QAM	50	0	9.83	-6487.5	6487.5	-6.54	Pass

6.3. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	40640	10	QPSK	50	0	9.83	-6487.5	6487.5	-1.97	Pass
10 Degree	40640	10	16QAM	50	0	9.83	-6487.5	6487.5	-6.47	Pass

6.4. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	40640	10	QPSK	50	0	9.83	-6487.5	6487.5	-6.79	Pass
20 Degree	40640	10	16QAM	50	0	9.83	-6487.5	6487.5	-3.78	Pass

6.5. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	40640	10	QPSK	50	0	9.83	-6487.5	6487.5	-7.17	Pass
25 Degree	40640	10	16QAM	50	0	9.83	-6487.5	6487.5	10.99	Pass

6.6. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	40640	10	QPSK	50	0	9.83	-6487.5	6487.5	-11.9	Pass
30 Degree	40640	10	16QAM	50	0	9.83	-6487.5	6487.5	-15.69	Pass

6.7. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	40640	10	QPSK	50	0	9.83	-6487.5	6487.5	-2.36	Pass
40 Degree	40640	10	16QAM	50	0	9.83	-6487.5	6487.5	-3.09	Pass

6.8. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	40640	10	QPSK	50	0	9.83	-6487.5	6487.5	-7.01	Pass
50 Degree	40640	10	16QAM	50	0	9.83	-6487.5	6487.5	-6.48	Pass

6.9. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	40640	10	QPSK	50	0	9.83	-6487.5	6487.5	7.55	Pass
NTHV	40640	10	16QAM	50	0	9.83	-6487.5	6487.5	4.01	Pass

6.10. LTE Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Path loss (dB)	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	40640	10	QPSK	50	0	9.83	-6487.5	6487.5	4.08	Pass
NTLV	40640	10	16QAM	50	0	9.83	-6487.5	6487.5	-1.3	Pass

1. CA_2C

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

1.1. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	PCC	9.0 5	-2.25	-4693 .75	4693 .75	Pass
-10 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.1 2	1.13	-4723	4723	Pass
-10 Degree	NS 31	1887 5 1899	20 5	16QAM	Full Full	Low Low	PCC	9.0 5	-5.75	-4693 .75	4693 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		2										
-10 Degree	NS 31	1887.5 1899.2	20 5	16QAM	Full Full	Low Low	SCC 1	9.12	0.67	-4723	4723	Pass
-10 Degree	NS 31	1880.1 1899.9	20 20	QPSK	Full Full	Low Low	PCC	9.02	-7.84	-4675.25	4675.25	Pass
-10 Degree	NS 31	1880.1 1899.9	20 20	QPSK	Full Full	Low Low	SCC 1	9.12	0.21	-4724.75	4724.75	Pass
-10 Degree	NS 31	1880.1 1899.9	20 20	16QAM	Full Full	Low Low	PCC	9.02	0.07	-4675.25	4675.25	Pass
-10 Degree	NS 31	1880.1 1899.9	20 20	16QAM	Full Full	Low Low	SCC 1	9.12	-2.22	-4724.75	4724.75	Pass

1.2. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	PCC	9.0 5	-8.23	-4693 .75	4693 .75	Pass
0 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.1 2	-1.02	-4723	4723	Pass
0 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	PCC	9.0 5	3.29	-4693 .75	4693 .75	Pass
0 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.1 2	-1.07	-4723	4723	Pass
0 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	PCC	9.0 2	-5.79	-4675 .25	4675 .25	Pass
0 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.1 2	-3.29	-4724 .75	4724 .75	Pass
0 Degree	NS 31	1880 1 1899 9	20 20	16QAM	Full Full	Low Low	PCC	9.0 2	-3.15	-4675 .25	4675 .25	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	NS 31	1880 1 1899 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.1 2	-0.09	-4724 .75	4724 .75	Pass

1.3. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	PCC	9.0 5	-4.43	-4693 .75	4693 .75	Pass
10 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.1 2	3.96	-4723	4723	Pass
10 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	PCC	9.0 5	-1.03	-4693 .75	4693 .75	Pass
10 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.1 2	-1.13	-4723	4723	Pass
10 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	PCC	9.0 2	3.5	-4675 .25	4675 .25	Pass
10 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.1 2	-6.68	-4724 .75	4724 .75	Pass
10 Degree	NS 31	1880 1 1899 9	20 20	16QAM	Full Full	Low Low	PCC	9.0 2	-0.63	-4675 .25	4675 .25	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	NS 31	1880 1 1899 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.12	3.6	-4724.75	4724.75	Pass

1.4. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	PCC	9.0 5	-7.48	-4693 .75	4693 .75	Pass
20 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.1 2	-4.11	-4723	4723	Pass
20 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	PCC	9.0 5	2.13	-4693 .75	4693 .75	Pass
20 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.1 2	-0.99	-4723	4723	Pass
20 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	PCC	9.0 2	-4.63	-4675 .25	4675 .25	Pass
20 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.1 2	-4.59	-4724 .75	4724 .75	Pass
20 Degree	NS 31	1880 1 1899 9	20 20	16QAM	Full Full	Low Low	PCC	9.0 2	1.77	-4675 .25	4675 .25	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	NS 31	1880 1 1899 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.12	0.93	-4724.75	4724.75	Pass

1.5. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	PCC	9.0 5	-1.77	-4693 .75	4693 .75	Pass
25 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.1 2	-4.09	-4723	4723	Pass
25 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	PCC	9.0 5	-3.93	-4693 .75	4693 .75	Pass
25 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.1 2	-1.57	-4723	4723	Pass
25 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	PCC	9.0 2	-3.68	-4675 .25	4675 .25	Pass
25 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.1 2	-1.77	-4724 .75	4724 .75	Pass
25 Degree	NS 31	1880 1 1899 9	20 20	16QAM	Full Full	Low Low	PCC	9.0 2	-4.22	-4675 .25	4675 .25	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	NS 31	1880 1 1899 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.12	-1.63	-4724.75	4724.75	Pass

1.6. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	PCC	9.0 5	-7.18	-4693 .75	4693 .75	Pass
30 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.1 2	-8.6	-4723	4723	Pass
30 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	PCC	9.0 5	-0.24	-4693 .75	4693 .75	Pass
30 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.1 2	-0.43	-4723	4723	Pass
30 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	PCC	9.0 2	-0.89	-4675 .25	4675 .25	Pass
30 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.1 2	-3.76	-4724 .75	4724 .75	Pass
30 Degree	NS 31	1880 1 1899 9	20 20	16QAM	Full Full	Low Low	PCC	9.0 2	-2.17	-4675 .25	4675 .25	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	NS 31	1880 1 1899 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.1 2	3.49	-4724 .75	4724 .75	Pass

1.7. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	PCC	9.0 5	-6.04	-4693 .75	4693 .75	Pass
40 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.1 2	-3.02	-4723	4723	Pass
40 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	PCC	9.0 5	1.04	-4693 .75	4693 .75	Pass
40 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.1 2	-0.93	-4723	4723	Pass
40 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	PCC	9.0 2	-11.89	-4675 .25	4675 .25	Pass
40 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.1 2	-6.08	-4724 .75	4724 .75	Pass
40 Degree	NS 31	1880 1 1899	20 20	16QAM	Full Full	Low Low	PCC	9.0 2	1.76	-4675 .25	4675 .25	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
40 Degree	NS 31	1880 1 1899 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.1 2	-4.52	-4724 .75	4724 .75	Pass

1.8. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	PCC	9.0 5	-4.63	-4693 .75	4693 .75	Pass
50 Degree	NS 31	1887 5 1899 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.1 2	-2.7	-4723	4723	Pass
50 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	PCC	9.0 5	1.97	-4693 .75	4693 .75	Pass
50 Degree	NS 31	1887 5 1899 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.1 2	-0.74	-4723	4723	Pass
50 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	PCC	9.0 2	-1.75	-4675 .25	4675 .25	Pass
50 Degree	NS 31	1880 1 1899 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.1 2	-5.24	-4724 .75	4724 .75	Pass
50 Degree	NS 31	1880 1 1899	20 20	16QAM	Full Full	Low Low	PCC	9.0 2	3.13	-4675 .25	4675 .25	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
50 Degree	NS 31	18801 18999	20 20	16QAM	Full Full	Low Low	SCC 1	9.12	-8.14	-4724.75	4724.75	Pass

1.9. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	NS 31	1887.5 1899.2	20 5	QPSK	Full Full	Low Low	PCC	9.05	-8.47	-4693.75	4693.75	Pass
NTHV	NS 31	1887.5 1899.2	20 5	QPSK	Full Full	Low Low	SCC 1	9.12	-2.73	-4723	4723	Pass
NTHV	NS 31	1887.5 1899.2	20 5	16QAM	Full Full	Low Low	PCC	9.05	3.36	-4693.75	4693.75	Pass
NTHV	NS 31	1887.5 1899.2	20 5	16QAM	Full Full	Low Low	SCC 1	9.12	0.51	-4723	4723	Pass
NTHV	NS 31	1880.1 1899.9	20 20	QPSK	Full Full	Low Low	PCC	9.02	-1.42	-4675.25	4675.25	Pass
NTHV	NS 31	1880.1 1899.9	20 20	QPSK	Full Full	Low Low	SCC 1	9.12	-1.14	-4724.75	4724.75	Pass
NTHV	NS 31	1880.1 1899	20 20	16QAM	Full Full	Low Low	PCC	9.02	-4.51	-4675.25	4675.25	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
NTHV	NS 31	1880 1 1899 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.1 2	2.85	-4724 .75	4724 .75	Pass

1.10. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	NS 31	1887.5 1899.2	20 5	QPSK	Full Full	Low Low	PCC	9.05	1.04	-4693.75	4693.75	Pass
NTLV	NS 31	1887.5 1899.2	20 5	QPSK	Full Full	Low Low	SCC 1	9.12	-1.89	-4723	4723	Pass
NTLV	NS 31	1887.5 1899.2	20 5	16QAM	Full Full	Low Low	PCC	9.05	0.51	-4693.75	4693.75	Pass
NTLV	NS 31	1887.5 1899.2	20 5	16QAM	Full Full	Low Low	SCC 1	9.12	-1.5	-4723	4723	Pass
NTLV	NS 31	1880.1 1899.9	20 20	QPSK	Full Full	Low Low	PCC	9.02	2.2	-4675.25	4675.25	Pass
NTLV	NS 31	1880.1 1899.9	20 20	QPSK	Full Full	Low Low	SCC 1	9.12	2.79	-4724.75	4724.75	Pass
NTLV	NS 31	1880.1 1899	20 20	16QAM	Full Full	Low Low	PCC	9.02	-2.6	-4675.25	4675.25	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
NTLV	NS 31	1880 1 1899 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.1 2	3.53	-4724 .75	4724 .75	Pass

2. CA_5B

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

2.1. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	NS 31	2050 0 2057 2	10 5	QPSK	Full Full	Low Low	PCC	7.8 5	-3.23	-2085	2085	Pass
-10 Degree	NS 31	2050 0 2057 2	10 5	QPSK	Full Full	Low Low	SCC 1	7.8 5	-1.27	-2103	2103	Pass
-10 Degree	NS 31	2050 0	10 5	16QAM	Full Full	Low Low	PCC	7.8 5	-0.86	-2085	2085	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		20572										
-10 Degree	NS 31	20500 20572	10 5	16QAM	Full Full	Low Low	SCC 1	7.85	-2.66	-2103	2103	Pass
-10 Degree	NS 31	20476 20575	10 10	QPSK	Full Full	Low Low	PCC	7.85	-3.4	-2079	2079	Pass
-10 Degree	NS 31	20476 20575	10 10	QPSK	Full Full	Low Low	SCC 1	7.85	-5.19	-2103.75	2103.75	Pass
-10 Degree	NS 31	20476 20575	10 10	16QAM	Full Full	Low Low	PCC	7.85	0.03	-2079	2079	Pass
-10 Degree	NS 31	20476 20575	10 10	16QAM	Full Full	Low Low	SCC 1	7.85	0.17	-2103.75	2103.75	Pass

2.2. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	NS 31	2050 0 2057 2	10 5	QPSK	Full Full	Low Low	PCC	7.8 5	-1.7	-2085	2085	Pass
0 Degree	NS 31	2050 0 2057 2	10 5	QPSK	Full Full	Low Low	SCC 1	7.8 5	-4.82	-2103	2103	Pass
0 Degree	NS 31	2050 0 2057 2	10 5	16QAM	Full Full	Low Low	PCC	7.8 5	-2.39	-2085	2085	Pass
0 Degree	NS 31	2050 0 2057 2	10 5	16QAM	Full Full	Low Low	SCC 1	7.8 5	-1.86	-2103	2103	Pass
0 Degree	NS 31	2047 6 2057 5	10 10	QPSK	Full Full	Low Low	PCC	7.8 5	-5.56	-2079	2079	Pass
0 Degree	NS 31	2047 6 2057 5	10 10	QPSK	Full Full	Low Low	SCC 1	7.8 5	-4.21	-2103 .75	2103 .75	Pass
0 Degree	NS 31	2047 6 2057	10 10	16QAM	Full Full	Low Low	PCC	7.8 5	2.37	-2079	2079	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		5										
0 Degree	NS 31	2047 6 2057 5	10 10	16QAM	Full Full	Low Low	SCC 1	7.8 5	-1.5	-2103 .75	2103 .75	Pass

2.3. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	NS 31	2050 0 2057 2	10 5	QPSK	Full Full	Low Low	PCC	7.8 5	-3.88	-2085	2085	Pass
10 Degree	NS 31	2050 0 2057 2	10 5	QPSK	Full Full	Low Low	SCC 1	7.8 5	-5.66	-2103	2103	Pass
10 Degree	NS 31	2050 0 2057 2	10 5	16QAM	Full Full	Low Low	PCC	7.8 5	-6.91	-2085	2085	Pass
10 Degree	NS 31	2050 0 2057 2	10 5	16QAM	Full Full	Low Low	SCC 1	7.8 5	-2.72	-2103	2103	Pass
10 Degree	NS 31	2047 6 2057 5	10 10	QPSK	Full Full	Low Low	PCC	7.8 5	4.26	-2079	2079	Pass
10 Degree	NS 31	2047 6 2057 5	10 10	QPSK	Full Full	Low Low	SCC 1	7.8 5	0.6	-2103 .75	2103 .75	Pass
10 Degree	NS 31	2047 6 2057	10 10	16QAM	Full Full	Low Low	PCC	7.8 5	-2.85	-2079	2079	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		5										
10 Degree	NS 31	2047 6 2057 5	10 10	16QAM	Full Full	Low Low	SCC 1	7.8 5	0.17	-2103 .75	2103 .75	Pass

2.4. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	NS 31	20500 20572	10 5	QPSK	Full Full	Low Low	PCC	7.85	-2.37	-2085	2085	Pass
20 Degree	NS 31	20500 20572	10 5	QPSK	Full Full	Low Low	SCC 1	7.85	-1.62	-2103	2103	Pass
20 Degree	NS 31	20500 20572	10 5	16QAM	Full Full	Low Low	PCC	7.85	-1.95	-2085	2085	Pass
20 Degree	NS 31	20500 20572	10 5	16QAM	Full Full	Low Low	SCC 1	7.85	-4.71	-2103	2103	Pass
20 Degree	NS 31	20476 20575	10 10	QPSK	Full Full	Low Low	PCC	7.85	-4.18	-2079	2079	Pass
20 Degree	NS 31	20476 20575	10 10	QPSK	Full Full	Low Low	SCC 1	7.85	-1.57	-2103.75	2103.75	Pass
20 Degree	NS 31	20476 20575	10 10	16QAM	Full Full	Low Low	PCC	7.85	-2.26	-2079	2079	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		5										
20 Degree	NS 31	2047 6 2057 5	10 10	16QAM	Full Full	Low Low	SCC 1	7.8 5	-7.05	-2103 .75	2103 .75	Pass

2.5. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	NS 31	2050 0 2057 2	10 5	QPSK	Full Full	Low Low	PCC	7.8 5	-1.33	-2085	2085	Pass
25 Degree	NS 31	2050 0 2057 2	10 5	QPSK	Full Full	Low Low	SCC 1	7.8 5	-2.06	-2103	2103	Pass
25 Degree	NS 31	2050 0 2057 2	10 5	16QAM	Full Full	Low Low	PCC	7.8 5	-5.78	-2085	2085	Pass
25 Degree	NS 31	2050 0 2057 2	10 5	16QAM	Full Full	Low Low	SCC 1	7.8 5	-5.75	-2103	2103	Pass
25 Degree	NS 31	2047 6 2057 5	10 10	QPSK	Full Full	Low Low	PCC	7.8 5	-2.23	-2079	2079	Pass
25 Degree	NS 31	2047 6 2057 5	10 10	QPSK	Full Full	Low Low	SCC 1	7.8 5	-3.03	-2103 .75	2103 .75	Pass
25 Degree	NS 31	2047 6 2057	10 10	16QAM	Full Full	Low Low	PCC	7.8 5	-0.49	-2079	2079	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		5										
25 Degree	NS 31	2047 6 2057 5	10 10	16QAM	Full Full	Low Low	SCC 1	7.8 5	-2.76	-2103 .75	2103 .75	Pass

2.6. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	NS 31	2050 0 2057 2	10 5	QPSK	Full Full	Low Low	PCC	7.8 5	-5.62	-2085	2085	Pass
30 Degree	NS 31	2050 0 2057 2	10 5	QPSK	Full Full	Low Low	SCC 1	7.8 5	-2.19	-2103	2103	Pass
30 Degree	NS 31	2050 0 2057 2	10 5	16QAM	Full Full	Low Low	PCC	7.8 5	-1.86	-2085	2085	Pass
30 Degree	NS 31	2050 0 2057 2	10 5	16QAM	Full Full	Low Low	SCC 1	7.8 5	-7.95	-2103	2103	Pass
30 Degree	NS 31	2047 6 2057 5	10 10	QPSK	Full Full	Low Low	PCC	7.8 5	-4.61	-2079	2079	Pass
30 Degree	NS 31	2047 6 2057 5	10 10	QPSK	Full Full	Low Low	SCC 1	7.8 5	-5.61	-2103 .75	2103 .75	Pass
30 Degree	NS 31	2047 6 2057	10 10	16QAM	Full Full	Low Low	PCC	7.8 5	-3.65	-2079	2079	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		5										
30 Degree	NS 31	2047 6 2057 5	10 10	16QAM	Full Full	Low Low	SCC 1	7.8 5	-1.82	-2103 .75	2103 .75	Pass

2.7. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	NS 31	2050 0 2057 2	10 5	QPSK	Full Full	Low Low	PCC	7.8 5	-4.12	-2085	2085	Pass
40 Degree	NS 31	2050 0 2057 2	10 5	QPSK	Full Full	Low Low	SCC 1	7.8 5	-0.21	-2103	2103	Pass
40 Degree	NS 31	2050 0 2057 2	10 5	16QAM	Full Full	Low Low	PCC	7.8 5	-3.12	-2085	2085	Pass
40 Degree	NS 31	2050 0 2057 2	10 5	16QAM	Full Full	Low Low	SCC 1	7.8 5	-0.69	-2103	2103	Pass
40 Degree	NS 31	2047 6 2057 5	10 10	QPSK	Full Full	Low Low	PCC	7.8 5	-1.75	-2079	2079	Pass
40 Degree	NS 31	2047 6 2057 5	10 10	QPSK	Full Full	Low Low	SCC 1	7.8 5	-2.9	-2103 .75	2103 .75	Pass
40 Degree	NS 31	2047 6 2057	10 10	16QAM	Full Full	Low Low	PCC	7.8 5	-2.59	-2079	2079	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		5										
40 Degree	NS 31	2047 6 2057 5	10 10	16QAM	Full Full	Low Low	SCC 1	7.8 5	-2.33	-2103 .75	2103 .75	Pass

2.8. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	NS 31	20500 20572	10 5	QPSK	Full Full	Low Low	PCC	7.85	-0.09	-2085	2085	Pass
50 Degree	NS 31	20500 20572	10 5	QPSK	Full Full	Low Low	SCC 1	7.85	-2.43	-2103	2103	Pass
50 Degree	NS 31	20500 20572	10 5	16QAM	Full Full	Low Low	PCC	7.85	-5.69	-2085	2085	Pass
50 Degree	NS 31	20500 20572	10 5	16QAM	Full Full	Low Low	SCC 1	7.85	-8.45	-2103	2103	Pass
50 Degree	NS 31	20476 20575	10 10	QPSK	Full Full	Low Low	PCC	7.85	-5.05	-2079	2079	Pass
50 Degree	NS 31	20476 20575	10 10	QPSK	Full Full	Low Low	SCC 1	7.85	-0.41	-2103.75	2103.75	Pass
50 Degree	NS 31	20476 20575	10 10	16QAM	Full Full	Low Low	PCC	7.85	-2.02	-2079	2079	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		5										
50 Degree	NS 31	2047 6 2057 5	10 10	16QAM	Full Full	Low Low	SCC 1	7.8 5	-5.36	-2103 .75	2103 .75	Pass

2.9. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	NS 31	20500 20572	10 5	QPSK	Full Full	Low Low	PCC	7.85	-2.65	-2085	2085	Pass
NTHV	NS 31	20500 20572	10 5	QPSK	Full Full	Low Low	SCC 1	7.85	0.24	-2103	2103	Pass
NTHV	NS 31	20500 20572	10 5	16QAM	Full Full	Low Low	PCC	7.85	-5.09	-2085	2085	Pass
NTHV	NS 31	20500 20572	10 5	16QAM	Full Full	Low Low	SCC 1	7.85	-3.28	-2103	2103	Pass
NTHV	NS 31	20476 20575	10 10	QPSK	Full Full	Low Low	PCC	7.85	-3.6	-2079	2079	Pass
NTHV	NS 31	20476 20575	10 10	QPSK	Full Full	Low Low	SCC 1	7.85	-1.44	-2103.75	2103.75	Pass
NTHV	NS 31	20476 20575	10 10	16QAM	Full Full	Low Low	PCC	7.85	-0.01	-2079	2079	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		5										
NTHV	NS 31	2047 6 2057 5	10 10	16QAM	Full Full	Low Low	SCC 1	7.8 5	2.47	-2103 .75	2103 .75	Pass

2.10. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	NS 31	20500 20572	10 5	QPSK	Full Full	Low Low	PCC	7.85	-0.29	-2085	2085	Pass
NTLV	NS 31	20500 20572	10 5	QPSK	Full Full	Low Low	SCC 1	7.85	-2.3	-2103	2103	Pass
NTLV	NS 31	20500 20572	10 5	16QAM	Full Full	Low Low	PCC	7.85	-2.89	-2085	2085	Pass
NTLV	NS 31	20500 20572	10 5	16QAM	Full Full	Low Low	SCC 1	7.85	-2.05	-2103	2103	Pass
NTLV	NS 31	20476 20575	10 10	QPSK	Full Full	Low Low	PCC	7.85	-1.2	-2079	2079	Pass
NTLV	NS 31	20476 20575	10 10	QPSK	Full Full	Low Low	SCC 1	7.85	-1.54	-2103.75	2103.75	Pass
NTLV	NS 31	20476 20575	10 10	16QAM	Full Full	Low Low	PCC	7.85	-7.1	-2079	2079	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		5										
NTLV	NS 31	2047 6 2057 5	10 10	16QAM	Full Full	Low Low	SCC 1	7.8 5	-2.1	-2103 .75	2103 .75	Pass

3. CA_7C

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

3.1. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	PCC	9.7 5	-2.57	-6325 .25	6325 .25	Pass
-10 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	SCC 1	9.7 7	-2.12	-6361 .25	6361 .25	Pass
-10 Degree	NS 31	2105 1	20 10	16QAM	Full Full	Low Low	PCC	9.7 5	-4.21	-6325 .25	6325 .25	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		21195										
-10 Degree	NS 31	21051 21195	20 10	16QAM	Full Full	Low Low	SCC 1	9.77	-2.79	-6361.25	6361.25	Pass
-10 Degree	NS 31	21001 21199	20 20	QPSK	Full Full	Low Low	PCC	9.75	-1.65	-6312.75	6312.75	Pass
-10 Degree	NS 31	21001 21199	20 20	QPSK	Full Full	Low Low	SCC 1	9.77	-1.19	-6362.25	6362.25	Pass
-10 Degree	NS 31	21001 21199	20 20	16QAM	Full Full	Low Low	PCC	9.75	-8.27	-6312.75	6312.75	Pass
-10 Degree	NS 31	21001 21199	20 20	16QAM	Full Full	Low Low	SCC 1	9.77	-1.17	-6362.25	6362.25	Pass

3.2. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	PCC	9.7 5	-0.73	-6325 .25	6325 .25	Pass
0 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	SCC 1	9.7 7	-5.18	-6361 .25	6361 .25	Pass
0 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	PCC	9.7 5	-1.43	-6325 .25	6325 .25	Pass
0 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	SCC 1	9.7 7	0.13	-6361 .25	6361 .25	Pass
0 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	PCC	9.7 5	-1.24	-6312 .75	6312 .75	Pass
0 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.7 7	-5.64	-6362 .25	6362 .25	Pass
0 Degree	NS 31	2100 1 2119	20 20	16QAM	Full Full	Low Low	PCC	9.7 5	-1.13	-6312 .75	6312 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
0 Degree	NS 31	2100 1 2119 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.7 7	-6.68	-6362 .25	6362 .25	Pass

3.3. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	PCC	9.7 5	-6.87	-6325 .25	6325 .25	Pass
10 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	SCC 1	9.7 7	3.15	-6361 .25	6361 .25	Pass
10 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	PCC	9.7 5	-7.35	-6325 .25	6325 .25	Pass
10 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	SCC 1	9.7 7	-1.02	-6361 .25	6361 .25	Pass
10 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	PCC	9.7 5	-3.3	-6312 .75	6312 .75	Pass
10 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.7 7	-7.54	-6362 .25	6362 .25	Pass
10 Degree	NS 31	2100 1 2119	20 20	16QAM	Full Full	Low Low	PCC	9.7 5	-5.51	-6312 .75	6312 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
10 Degree	NS 31	2100 1 2119 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.7 7	-7.5	-6362 .25	6362 .25	Pass

3.4. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	PCC	9.7 5	-3.86	-6325 .25	6325 .25	Pass
20 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	SCC 1	9.7 7	-9.81	-6361 .25	6361 .25	Pass
20 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	PCC	9.7 5	-6.59	-6325 .25	6325 .25	Pass
20 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	SCC 1	9.7 7	-0.37	-6361 .25	6361 .25	Pass
20 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	PCC	9.7 5	-0.41	-6312 .75	6312 .75	Pass
20 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.7 7	-3.71	-6362 .25	6362 .25	Pass
20 Degree	NS 31	2100 1 2119	20 20	16QAM	Full Full	Low Low	PCC	9.7 5	-7.75	-6312 .75	6312 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
20 Degree	NS 31	2100 1 2119 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.7 7	-0.8	-6362 .25	6362 .25	Pass

3.5. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	PCC	9.7 5	-4.58	-6325 .25	6325 .25	Pass
25 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	SCC 1	9.7 7	-5.11	-6361 .25	6361 .25	Pass
25 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	PCC	9.7 5	-6.19	-6325 .25	6325 .25	Pass
25 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	SCC 1	9.7 7	-7	-6361 .25	6361 .25	Pass
25 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	PCC	9.7 5	-2.75	-6312 .75	6312 .75	Pass
25 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.7 7	-2.06	-6362 .25	6362 .25	Pass
25 Degree	NS 31	2100 1 2119	20 20	16QAM	Full Full	Low Low	PCC	9.7 5	5.22	-6312 .75	6312 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
25 Degree	NS 31	2100 1 2119 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.7 7	3.62	-6362 .25	6362 .25	Pass

3.6. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	PCC	9.7 5	-8.31	-6325 .25	6325 .25	Pass
30 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	SCC 1	9.7 7	-4.16	-6361 .25	6361 .25	Pass
30 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	PCC	9.7 5	-5.38	-6325 .25	6325 .25	Pass
30 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	SCC 1	9.7 7	5.66	-6361 .25	6361 .25	Pass
30 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	PCC	9.7 5	-6.32	-6312 .75	6312 .75	Pass
30 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.7 7	4.18	-6362 .25	6362 .25	Pass
30 Degree	NS 31	2100 1 2119	20 20	16QAM	Full Full	Low Low	PCC	9.7 5	-2.83	-6312 .75	6312 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
30 Degree	NS 31	2100 1 2119 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.7 7	-12.82	-6362 .25	6362 .25	Pass

3.7. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	PCC	9.7 5	-9.78	-6325 .25	6325 .25	Pass
40 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	SCC 1	9.7 7	1.82	-6361 .25	6361 .25	Pass
40 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	PCC	9.7 5	0.5	-6325 .25	6325 .25	Pass
40 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	SCC 1	9.7 7	-6.61	-6361 .25	6361 .25	Pass
40 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	PCC	9.7 5	-4.65	-6312 .75	6312 .75	Pass
40 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.7 7	-5.12	-6362 .25	6362 .25	Pass
40 Degree	NS 31	2100 1 2119	20 20	16QAM	Full Full	Low Low	PCC	9.7 5	-4.21	-6312 .75	6312 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
40 Degree	NS 31	2100 1 2119 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.7 7	-0.24	-6362 .25	6362 .25	Pass

3.8. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	PCC	9.7 5	8.3	-6325 .25	6325 .25	Pass
50 Degree	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	SCC 1	9.7 7	-2.19	-6361 .25	6361 .25	Pass
50 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	PCC	9.7 5	0.9	-6325 .25	6325 .25	Pass
50 Degree	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	SCC 1	9.7 7	-1.44	-6361 .25	6361 .25	Pass
50 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	PCC	9.7 5	-9.46	-6312 .75	6312 .75	Pass
50 Degree	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.7 7	-0.9	-6362 .25	6362 .25	Pass
50 Degree	NS 31	2100 1 2119	20 20	16QAM	Full Full	Low Low	PCC	9.7 5	1.34	-6312 .75	6312 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
50 Degree	NS 31	2100 1 2119 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.7 7	0.09	-6362 .25	6362 .25	Pass

3.9. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	PCC	9.7 5	-9.76	-6325 .25	6325 .25	Pass
NTHV	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	SCC 1	9.7 7	0.14	-6361 .25	6361 .25	Pass
NTHV	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	PCC	9.7 5	-6.61	-6325 .25	6325 .25	Pass
NTHV	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	SCC 1	9.7 7	-2.05	-6361 .25	6361 .25	Pass
NTHV	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	PCC	9.7 5	-8.98	-6312 .75	6312 .75	Pass
NTHV	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.7 7	-0.93	-6362 .25	6362 .25	Pass
NTHV	NS 31	2100 1 2119	20 20	16QAM	Full Full	Low Low	PCC	9.7 5	-11.63	-6312 .75	6312 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
NTHV	NS 31	2100 1 2119 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.7 7	-2	-6362 .25	6362 .25	Pass

3.10. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	PCC	9.7 5	-0.79	-6325 .25	6325 .25	Pass
NTLV	NS 31	2105 1 2119 5	20 10	QPSK	Full Full	Low Low	SCC 1	9.7 7	-10.66	-6361 .25	6361 .25	Pass
NTLV	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	PCC	9.7 5	-2	-6325 .25	6325 .25	Pass
NTLV	NS 31	2105 1 2119 5	20 10	16QAM	Full Full	Low Low	SCC 1	9.7 7	-2.23	-6361 .25	6361 .25	Pass
NTLV	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	PCC	9.7 5	-5.94	-6312 .75	6312 .75	Pass
NTLV	NS 31	2100 1 2119 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.7 7	-3.85	-6362 .25	6362 .25	Pass
NTLV	NS 31	2100 1 2119	20 20	16QAM	Full Full	Low Low	PCC	9.7 5	2.89	-6312 .75	6312 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
NTLV	NS 31	2100 1 2119 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.7 7	0.47	-6362 .25	6362 .25	Pass

4. CA_38C

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

4.1. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
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4.2. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	PCC	9.8 4	-0.23	-6468 .75	6468 .75	Pass
-10 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	SCC 1	9.8 2	-1.7	-6506 .25	6506 .25	Pass
-10 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	PCC	9.8 4	4.49	-6468 .75	6468 .75	Pass
-10 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	SCC 1	9.8 2	-4.13	-6506 .25	6506 .25	Pass
-10 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-0.79	-6462 .75	6462 .75	Pass
-10 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-6.41	-6512 .25	6512 .25	Pass
-10 Degree	NS 01	3790 1 3809	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-1.53	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
-10 Degree	NS 01	3790 1 3809 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-8.74	-6512 .25	6512 .25	Pass

4.3. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	PCC	9.8 4	-9.28	-6468 .75	6468 .75	Pass
0 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	SCC 1	9.8 2	-9.86	-6506 .25	6506 .25	Pass
0 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	PCC	9.8 4	-8.98	-6468 .75	6468 .75	Pass
0 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	SCC 1	9.8 2	4.75	-6506 .25	6506 .25	Pass
0 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-10.7	-6462 .75	6462 .75	Pass
0 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-3.56	-6512 .25	6512 .25	Pass
0 Degree	NS 01	3790 1 3809	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-1.8	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
0 Degree	NS 01	3790 1 3809 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-5.75	-6512 .25	6512 .25	Pass

4.4. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	PCC	9.8 4	-1.83	-6468 .75	6468 .75	Pass
10 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	SCC 1	9.8 2	-6.84	-6506 .25	6506 .25	Pass
10 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	PCC	9.8 4	-4.85	-6468 .75	6468 .75	Pass
10 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	SCC 1	9.8 2	0.86	-6506 .25	6506 .25	Pass
10 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-18.84	-6462 .75	6462 .75	Pass
10 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-5.92	-6512 .25	6512 .25	Pass
10 Degree	NS 01	3790 1 3809	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	0.06	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
10 Degree	NS 01	3790 1 3809 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	3.82	-6512 .25	6512 .25	Pass

4.5. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	PCC	9.8 4	-12.29	-6468 .75	6468 .75	Pass
20 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	SCC 1	9.8 2	3.28	-6506 .25	6506 .25	Pass
20 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	PCC	9.8 4	0.33	-6468 .75	6468 .75	Pass
20 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	SCC 1	9.8 2	-12.99	-6506 .25	6506 .25	Pass
20 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-3.98	-6462 .75	6462 .75	Pass
20 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-2.83	-6512 .25	6512 .25	Pass
20 Degree	NS 01	3790 1 3809	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-5.22	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
20 Degree	NS 01	3790 1 3809 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-2.03	-6512 .25	6512 .25	Pass

4.6. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	PCC	9.84	-9	-6468.75	6468.75	Pass
25 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	SCC 1	9.82	-10.36	-6506.25	6506.25	Pass
25 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	PCC	9.84	-3.08	-6468.75	6468.75	Pass
25 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	SCC 1	9.82	-8.67	-6506.25	6506.25	Pass
25 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	PCC	9.83	-3.6	-6462.75	6462.75	Pass
25 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.82	-3.75	-6512.25	6512.25	Pass
25 Degree	NS 01	3790 1 3809	20 20	16QAM	Full Full	Low Low	PCC	9.83	-9.21	-6462.75	6462.75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
25 Degree	NS 01	3790 1 3809 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-4.26	-6512 .25	6512 .25	Pass

4.7. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	PCC	9.8 4	-6.08	-6468 .75	6468 .75	Pass
30 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	SCC 1	9.8 2	-6.35	-6506 .25	6506 .25	Pass
30 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	PCC	9.8 4	-4.01	-6468 .75	6468 .75	Pass
30 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	SCC 1	9.8 2	-3.3	-6506 .25	6506 .25	Pass
30 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-4.78	-6462 .75	6462 .75	Pass
30 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-1.34	-6512 .25	6512 .25	Pass
30 Degree	NS 01	3790 1 3809	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	0.37	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
30 Degree	NS 01	3790 1 3809 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-5.45	-6512 .25	6512 .25	Pass

4.8. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	PCC	9.8 4	-0.11	-6468 .75	6468 .75	Pass
40 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	SCC 1	9.8 2	0.62	-6506 .25	6506 .25	Pass
40 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	PCC	9.8 4	-9.96	-6468 .75	6468 .75	Pass
40 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	SCC 1	9.8 2	-7.7	-6506 .25	6506 .25	Pass
40 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-5.74	-6462 .75	6462 .75	Pass
40 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-9.03	-6512 .25	6512 .25	Pass
40 Degree	NS 01	3790 1 3809	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-0.01	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
40 Degree	NS 01	3790 1 3809 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-5.84	-6512 .25	6512 .25	Pass

4.9. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	PCC	9.8 4	-6.54	-6468 .75	6468 .75	Pass
50 Degree	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	SCC 1	9.8 2	-4.39	-6506 .25	6506 .25	Pass
50 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	PCC	9.8 4	-5.05	-6468 .75	6468 .75	Pass
50 Degree	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	SCC 1	9.8 2	0.14	-6506 .25	6506 .25	Pass
50 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-6.91	-6462 .75	6462 .75	Pass
50 Degree	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-5.89	-6512 .25	6512 .25	Pass
50 Degree	NS 01	3790 1 3809	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-5.79	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
50 Degree	NS 01	3790 1 3809 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-0.97	-6512 .25	6512 .25	Pass

4.10. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	PCC	9.8 4	-3.95	-6468 .75	6468 .75	Pass
NTHV	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	SCC 1	9.8 2	0.3	-6506 .25	6506 .25	Pass
NTHV	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	PCC	9.8 4	-1.87	-6468 .75	6468 .75	Pass
NTHV	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	SCC 1	9.8 2	-3.72	-6506 .25	6506 .25	Pass
NTHV	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-9.53	-6462 .75	6462 .75	Pass
NTHV	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-5.26	-6512 .25	6512 .25	Pass
NTHV	NS 01	3790 1 3809	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-1.27	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
NTHV	NS 01	3790 1 3809 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-3.43	-6512 .25	6512 .25	Pass

4.11. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	PCC	9.8 4	-7.18	-6468 .75	6468 .75	Pass
NTLV	NS 01	3792 5 3807 5	15 15	QPSK	Full Full	Low Low	SCC 1	9.8 2	-5.54	-6506 .25	6506 .25	Pass
NTLV	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	PCC	9.8 4	-3.39	-6468 .75	6468 .75	Pass
NTLV	NS 01	3792 5 3807 5	15 15	16QAM	Full Full	Low Low	SCC 1	9.8 2	-5.06	-6506 .25	6506 .25	Pass
NTLV	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-5.56	-6462 .75	6462 .75	Pass
NTLV	NS 01	3790 1 3809 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-7.84	-6512 .25	6512 .25	Pass
NTLV	NS 01	3790 1 3809	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-2.86	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
NTLV	NS 01	3790 1 3809 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-4.36	-6512 .25	6512 .25	Pass

5. CA_41C_2535-2655

EUT Sample No.:	
EUT Name:	
EUT Manufacturer:	
EUT Model:	
EUT Serial Number:	
EUT Hardware Version:	
EUT Software Version:	
Low Temperature(LT):	-10 °C
Normal Temperature(NT):	+25 °C
High Temperature(HT):	+55 °C
Low Voltage(LV):	3.6 V
Normal Voltage(NV):	3.8 V
High Voltage(HV):	4.2 V

5.1. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	PCC	9.8 4	-5.84	-6481 .25	6481 .25	Pass
-10 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.8 2	2.02	-6510 .5	6510 .5	Pass
-10 Degree	NS 01	4061 5	20 5	16QAM	Full Full	Low Low	PCC	9.8 4	1.87	-6481 .25	6481 .25	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		40732										
-10 Degree	NS 01	40615 40732	20 5	16QAM	Full Full	Low Low	SCC 1	9.82	-0.5	-6510.5	6510.5	Pass
-10 Degree	NS 01	40541 40739	20 20	QPSK	Full Full	Low Low	PCC	9.83	-11.24	-6462.75	6462.75	Pass
-10 Degree	NS 01	40541 40739	20 20	QPSK	Full Full	Low Low	SCC 1	9.82	-1.3	-6512.25	6512.25	Pass
-10 Degree	NS 01	40541 40739	20 20	16QAM	Full Full	Low Low	PCC	9.83	-4.21	-6462.75	6462.75	Pass
-10 Degree	NS 01	40541 40739	20 20	16QAM	Full Full	Low Low	SCC 1	9.82	2.53	-6512.25	6512.25	Pass

5.2. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	NS 01	40615 40732	20 5	QPSK	Full Full	Low Low	PCC	9.84	-4.32	-6481.25	6481.25	Pass
0 Degree	NS 01	40615 40732	20 5	QPSK	Full Full	Low Low	SCC 1	9.82	-4.08	-6510.5	6510.5	Pass
0 Degree	NS 01	40615 40732	20 5	16QAM	Full Full	Low Low	PCC	9.84	-2.32	-6481.25	6481.25	Pass
0 Degree	NS 01	40615 40732	20 5	16QAM	Full Full	Low Low	SCC 1	9.82	-0.01	-6510.5	6510.5	Pass
0 Degree	NS 01	40541 40739	20 20	QPSK	Full Full	Low Low	PCC	9.83	-1.34	-6462.75	6462.75	Pass
0 Degree	NS 01	40541 40739	20 20	QPSK	Full Full	Low Low	SCC 1	9.82	-12.36	-6512.25	6512.25	Pass
0 Degree	NS 01	40541 40739	20 20	16QAM	Full Full	Low Low	PCC	9.83	-4.55	-6462.75	6462.75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
0 Degree	NS 01	4054 1 4073 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-1.23	-6512 .25	6512 .25	Pass

5.3. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	PCC	9.8 4	-8.4	-6481 .25	6481 .25	Pass
10 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.8 2	-1.62	-6510 .5	6510 .5	Pass
10 Degree	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	PCC	9.8 4	3.4	-6481 .25	6481 .25	Pass
10 Degree	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.8 2	-0.59	-6510 .5	6510 .5	Pass
10 Degree	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-7.32	-6462 .75	6462 .75	Pass
10 Degree	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-9	-6512 .25	6512 .25	Pass
10 Degree	NS 01	4054 1 4073	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-0.24	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
10 Degree	NS 01	4054 1 4073 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-3.63	-6512 .25	6512 .25	Pass

5.4. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	PCC	9.8 4	-0.24	-6481 .25	6481 .25	Pass
20 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.8 2	-10.36	-6510 .5	6510 .5	Pass
20 Degree	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	PCC	9.8 4	2.79	-6481 .25	6481 .25	Pass
20 Degree	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.8 2	1.53	-6510 .5	6510 .5	Pass
20 Degree	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-12.75	-6462 .75	6462 .75	Pass
20 Degree	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-6.74	-6512 .25	6512 .25	Pass
20 Degree	NS 01	4054 1 4073	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-6.85	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
20 Degree	NS 01	4054 1 4073 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	0.6	-6512 .25	6512 .25	Pass

5.5. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	PCC	9.8 4	-0.34	-6481 .25	6481 .25	Pass
25 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.8 2	-1.2	-6510 .5	6510 .5	Pass
25 Degree	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	PCC	9.8 4	-1.19	-6481 .25	6481 .25	Pass
25 Degree	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.8 2	-0.7	-6510 .5	6510 .5	Pass
25 Degree	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-11.69	-6462 .75	6462 .75	Pass
25 Degree	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-1.33	-6512 .25	6512 .25	Pass
25 Degree	NS 01	4054 1 4073 9	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-6.01	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
25 Degree	NS 01	4054 1 4073 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-7.68	-6512 .25	6512 .25	Pass

5.6. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	PCC	9.8 4	-6.12	-6481 .25	6481 .25	Pass
30 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.8 2	1.6	-6510 .5	6510 .5	Pass
30 Degree	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	PCC	9.8 4	-0.97	-6481 .25	6481 .25	Pass
30 Degree	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.8 2	-3.02	-6510 .5	6510 .5	Pass
30 Degree	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-9.61	-6462 .75	6462 .75	Pass
30 Degree	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-3.96	-6512 .25	6512 .25	Pass
30 Degree	NS 01	4054 1 4073	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-1.66	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
30 Degree	NS 01	4054 1 4073 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-3.72	-6512 .25	6512 .25	Pass

5.7. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	PCC	9.8 4	0.49	-6481 .25	6481 .25	Pass
40 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.8 2	-0.09	-6510 .5	6510 .5	Pass
40 Degree	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	PCC	9.8 4	-8.35	-6481 .25	6481 .25	Pass
40 Degree	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.8 2	-2.22	-6510 .5	6510 .5	Pass
40 Degree	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-10.91	-6462 .75	6462 .75	Pass
40 Degree	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-2.68	-6512 .25	6512 .25	Pass
40 Degree	NS 01	4054 1 4073	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-5.35	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
40 Degree	NS 01	40541 40739	20 20	16QAM	Full Full	Low Low	SCC 1	9.82	-5.81	-6512.25	6512.25	Pass

5.8. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	PCC	9.8 4	-3.69	-6481 .25	6481 .25	Pass
50 Degree	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.8 2	3.63	-6510 .5	6510 .5	Pass
50 Degree	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	PCC	9.8 4	2.57	-6481 .25	6481 .25	Pass
50 Degree	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.8 2	-6.31	-6510 .5	6510 .5	Pass
50 Degree	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-5.88	-6462 .75	6462 .75	Pass
50 Degree	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-5.45	-6512 .25	6512 .25	Pass
50 Degree	NS 01	4054 1 4073	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	0.77	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
50 Degree	NS 01	4054 1 4073 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	0.63	-6512 .25	6512 .25	Pass

5.9. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	PCC	9.8 4	-2.63	-6481 .25	6481 .25	Pass
NTHV	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.8 2	2.5	-6510 .5	6510 .5	Pass
NTHV	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	PCC	9.8 4	-5.91	-6481 .25	6481 .25	Pass
NTHV	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.8 2	3.55	-6510 .5	6510 .5	Pass
NTHV	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-9.66	-6462 .75	6462 .75	Pass
NTHV	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-1.73	-6512 .25	6512 .25	Pass
NTHV	NS 01	4054 1 4073 9	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-6.25	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
NTHV	NS 01	4054 1 4073 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-5.59	-6512 .25	6512 .25	Pass

5.10. LTE-A Frequency Stability_Part22-24-27

Operator:

Test time: 2026-02-04

Instrument Type	Instrument Manufacturer	Instrument Model	Instrument Serial Number	Instrument Firmware Version
LTE Tester	Rohde&Schwarz	CMW	1201.0002k50/107917	3.7.110

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	PCC	9.8 4	-1.36	-6481 .25	6481 .25	Pass
NTLV	NS 01	4061 5 4073 2	20 5	QPSK	Full Full	Low Low	SCC 1	9.8 2	-1.03	-6510 .5	6510 .5	Pass
NTLV	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	PCC	9.8 4	-3.71	-6481 .25	6481 .25	Pass
NTLV	NS 01	4061 5 4073 2	20 5	16QAM	Full Full	Low Low	SCC 1	9.8 2	4.26	-6510 .5	6510 .5	Pass
NTLV	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	PCC	9.8 3	-5.75	-6462 .75	6462 .75	Pass
NTLV	NS 01	4054 1 4073 9	20 20	QPSK	Full Full	Low Low	SCC 1	9.8 2	-4.38	-6512 .25	6512 .25	Pass
NTLV	NS 01	4054 1 4073 9	20 20	16QAM	Full Full	Low Low	PCC	9.8 3	-0.77	-6462 .75	6462 .75	Pass

Test Environment	NS Value	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Path loss (dB)	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
		9										
NTLV	NS 01	4054 1 4073 9	20 20	16QAM	Full Full	Low Low	SCC 1	9.8 2	-9.84	-6512 .25	6512 .25	Pass

END

END