

Frequency Stability

GSM

GSM 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	7.1	±2060.5	13.08	±2091.5	8.46	±2122	Pass
	-0	9.62		9.1		9.94		
	+10	10.07		14.3		6.62		
	+20	12.4		11.17		8.1		
	+25	8.65		10.27		10.11		
	+30	11.24		12.49		9.33		
	+40	11.24		12.72		9.59		
	+50	9.46		13.14		14.69		
4.4	+25	5.62		11.95		10.53		
3.0	+25	13.62		8.3		12.2		

GSM 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	22.83	±4625.5	22.37	±4700.0	25.6	±4774.5	Pass
	-0	24.96		28.25		26.44		
	+10	25.31		25.99		32.06		
	+20	22.92		30.45		28.12		
	+25	22.7		28.86		32.67		
	+30	23.76		25.63		29.41		
	+40	25.09		25.51		26.64		
	+50	23.25		26.05		33.29		
4.4	+25	19.63		26.89		27.12		
3.0	+25	29.54		27.8		26.22		

GPRS

GPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	4.81	±2060.5	7.01	±2091.5	9.49	±2122	Pass
	-0	4.75		4.84		7.23		
	+10	-6.49		7.59		9.81		
	+20	7.39		7.72		7.07		
	+25	9.17		6.72		10.01		
	+30	8.36		7.78		7.01		
	+40	4.55		7.07		10.04		
	+50	5.42		5.84		-3.97		
4.4	+25	11.33		5.39		6.46		
3.0	+25	5.55		7.49		10.56		

GPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	22.99	±4625.5	17.89	±4700.0	25.8	±4774.5	Pass
	-0	19.66		17.76		24.7		
	+10	24.38		22.28		20.08		
	+20	16.63		26.76		20.76		
	+25	26.22		26.51		30.96		
	+30	18.24		21.41		25.51		
	+40	15.05		20.73		27.8		
	+50	20.82		25.93		25.63		
4.4	+25	21.24		18.6		24.96		
3.0	+25	20.99		21.99		26.6		

EGPRS

EGPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	-6.04	±2060.5	6.23	±2091.5	6.26	±2122	Pass
	-0	8.04		10.01		11.43		
	+10	6.68		8.1		13.46		
	+20	7.49		9.17		13.37		
	+25	10.49		9.88		10.36		
	+30	9.65		10.4		9.17		
	+40	9.2		9.01		8.23		
	+50	9.62		9.27		8.94		
4.4	+25	11.24		10.2		11.24		
3.0	+25	9.56		8.2		9.85		

EGPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	23.89	±4625.5	27.93	±4700.0	28.67	±4774.5	Pass
	-0	26.67		24.12		30.28		
	+10	28.44		33.19		31.83		
	+20	30.8		31.9		28.19		
	+25	30.45		23.79		29.74		
	+30	29.7		28.86		36.87		
	+40	30.61		24.86		30.93		
	+50	31.77		31.22		29.41		
4.4	+25	31.61		29.35		34.58		
3.0	+25	20.44		27.22		22.18		

WCDMA

WCDMA Band 2

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1852.4 MHz		MCH 1880 MHz		HCH 1907.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	-19.78	±4631	-18.43	±4700	-20.52	±4769	Pass
	-0	-16.7		-16.34		-15.08		
	+10	-16.21		-16.58		-16.16		
	+20	-13.41		-12.91		-16.62		
	+25	-18.02		-16.87		-14.52		
	+30	-15.65		-15.61		-14.63		
	+40	-15.36		-18.56		-13.34		
	+50	-10.9		-18.53		-11.01		
4.4	+25	-16.53		-20.03		-15.84		
3.0	+25	-10.94		-15.86		-12.8		

WCDMA Band 4

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1712.4 MHz		MCH 1732.4 MHz		HCH 1752.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	-19.17	±4281	-15.61	±4331	-14.81	±4381.5	Pass
	-0	-12.58		-13		-18.25		
	+10	-14.83		-12.38		-14.28		
	+20	-16.75		-17.31		-15.68		
	+25	-11.96		-16.17		-15.22		
	+30	-14.21		-17.12		-17.68		
	+40	-14.03		-13.86		-12.47		
	+50	-18.45		-10.93		-15.43		
4.4	+25	-17.84		-15.74		-12.7		
3.0	+25	-15.73		-11.44		-12.06		

WCDMA Band B5

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 826.4 MHz		MCH 836.4 MHz		HCH 846.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85	-10	-3.94	±2066	-10.39	±2091	-7.7	±2116.5	Pass
	-0	-7.49		-11.08		-12.6		
	+10	-7.71		-15.3		-12.75		
	+20	-12.45		-15.51		-8.76		
	+25	-10.14		-11.92		-12.22		
	+30	-9.58		-16.45		-8		
	+40	-16.66		-11.24		-13.34		
	+50	-13.97		-9.67		-14.4		
4.4	+25	-9.94		-10.64		-14.65		
3.0	+25	-12.87		-16.77		-13.45		

LTE

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-11.04	±4700	Pass
	-0	-15.32		
	+10	-9.24		
	+20	-7.95		
	+25	-7.32		
	+30	16.45		
	+40	-9.87		
	+50	-3.68		
4.4	+25	-7.5		
3.0	+25	-10.51		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-9.3	±4700	Pass
	-0	-8.41		
	+10	-10.64		
	+20	-4.76		
	+25	-8.51		
	+30	-0.74		
	+40	-7.57		
	+50	-11.59		
4.4	+25	-3.46		
3.0	+25	-7		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-8.5	±4331.25	Pass
	-0	1.2		
	+10	-6.04		
	+20	-3.59		
	+25	-7.41		
	+30	2.12		
	+40	-9.11		
	+50	-1.6		
4.4	+25	-6.72	±4331.25	Pass
3.0	+25	-8.08		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-9.01	±4331.25	Pass
	-0	-4.19		
	+10	-5.15		
	+20	-4.55		
	+25	-6.34		
	+30	-3.05		
	+40	-3.06		
	+50	-4.18		
4.4	+25	-1.06	±4331.25	Pass
3.0	+25	-0.69		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-9.31	±2091.25	Pass
	-0	-2.72		
	+10	-6.92		
	+20	-6.22		
	+25	-4.52		
	+30	-6.68		
	+40	-8.61		
	+50	-0.89		
4.4	+25	-7.3	±2091.25	Pass
3.0	+25	-6.94		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-8.18	±2091.25	Pass
	-0	-9.27		
	+10	-7.22		
	+20	-6.01		
	+25	-4.15		
	+30	-5.74		
	+40	-13.26		
	+50	-8.1		
4.4	+25	-7.88	±2091.25	Pass
3.0	+25	-2.55		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	0.54	±6337.5	Pass
	-0	-9.14		
	+10	-4.56		
	+20	-1.43		
	+25	-0.99		
	+30	-14.66		
	+40	-9.04		
	+50	9.3		
4.4	+25	-5.78	±6337.5	Pass
3.0	+25	-10.37		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-7	±6337.5	Pass
	-0	-4.66		
	+10	-12.96		
	+20	-8.47		
	+25	-0.26		
	+30	-10		
	+40	2.7		
	+50	-12.47		
4.4	+25	4.45	±6337.5	Pass
3.0	+25	-8.47		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-5.66	±1768.75	Pass
	-0	-5.41		
	+10	-6.41		
	+20	-3.99		
	+25	-5.19		
	+30	-7.08		
	+40	-2.36		
	+50	-0.26		
4.4	+25	-1.62	±1768.75	Pass
3.0	+25	-8.71		

LTE Band 12 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-4.33	±1768.75	Pass
	-0	-3.53		
	+10	-9.06		
	+20	-6.54		
	+25	-8.11		
	+30	-4.38		
	+40	-3.59		
	+50	-3.93		
4.4	+25	-6.18	±1768.75	Pass
3.0	+25	-3.08		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-14.16	±6487.5	Pass
	-0	-3.91		
	+10	-11.99		
	+20	-5.04		
	+25	-13.9		
	+30	-7.65		
	+40	-12.39		
	+50	4.76		
4.4	+25	-7.05	±6487.5	Pass
3.0	+25	-11.79		

LTE Band 38 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-20.67	±6487.5	Pass
	-0	-15.31		
	+10	-5.98		
	+20	-18.51		
	+25	-6.84		
	+30	-11.8		
	+40	-13.09		
	+50	-0.73		
4.4	+25	-15.76	±6487.5	Pass
3.0	+25	-1.65		

LTE Band 41(120M) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-14.25	±6482.5	Pass
	-0	-8.94		
	+10	-0.56		
	+20	-6.67		
	+25	-1.79		
	+30	-6.82		
	+40	-16.65		
	+50	-13.85		
4.4	+25	-9.16	±6482.5	Pass
3.0	+25	-3.15		

LTE Band 41(120M) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-23.92	±6482.5	Pass
	-0	-11.12		
	+10	-10.66		
	+20	-9.66		
	+25	-13.22		
	+30	-20.13		
	+40	-1.6		
	+50	-33.42		
4.4	+25	-10.04	±6482.5	Pass
3.0	+25	-0.14		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-9.28	±4362.5	Pass
	-0	-3.06		
	+10	-10.11		
	+20	-7.9		
	+25	-8.68		
	+30	-1.02		
	+40	-4.22		
	+50	-3.3		
4.4	+25	-0.64		
3.0	+25	-7.88		

LTE Band 66 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.85	-10	-5.32	±4362.5	Pass
	-0	-2.12		
	+10	-3.48		
	+20	-0.74		
	+25	-7.64		
	+30	-4.98		
	+40	-4.29		
	+50	-7.74		
4.4	+25	-7		
3.0	+25	-9.93		

1. GSM_PCS

1.1. GSM Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	22.83	-4625.5	4625.5	Pass
661	0	Static	22.37	-4700	4700	Pass
810	0	Static	25.6	-4774.5	4774.5	Pass

1.2. GSM Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	24.96	-4625.5	4625.5	Pass
661	0	Static	28.25	-4700	4700	Pass
810	0	Static	26.44	-4774.5	4774.5	Pass

1.3. GSM Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	25.31	-4625.5	4625.5	Pass
661	0	Static	25.99	-4700	4700	Pass
810	0	Static	32.06	-4774.5	4774.5	Pass

1.4. GSM Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	22.92	-4625.5	4625.5	Pass
661	0	Static	30.45	-4700	4700	Pass
810	0	Static	28.12	-4774.5	4774.5	Pass

1.5. GSM Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	22.7	-4625.5	4625.5	Pass
661	0	Static	28.86	-4700	4700	Pass
810	0	Static	32.67	-4774.5	4774.5	Pass

1.6. GSM Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	23.76	-4625.5	4625.5	Pass
661	0	Static	25.63	-4700	4700	Pass
810	0	Static	29.41	-4774.5	4774.5	Pass

1.7. GSM Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	25.09	-4625.5	4625.5	Pass
661	0	Static	25.51	-4700	4700	Pass
810	0	Static	26.64	-4774.5	4774.5	Pass

1.8. GSM Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	23.25	-4625.5	4625.5	Pass
661	0	Static	26.05	-4700	4700	Pass
810	0	Static	33.29	-4774.5	4774.5	Pass

1.9. GSM Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	19.63	-4625.5	4625.5	Pass
661	0	Static	26.89	-4700	4700	Pass
810	0	Static	27.12	-4774.5	4774.5	Pass

1.10. GSM Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	29.54	-4625.5	4625.5	Pass
661	0	Static	27.8	-4700	4700	Pass
810	0	Static	26.22	-4774.5	4774.5	Pass

2. GSM_GSM850

2.1. GSM Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	7.1	-2060.5	2060.5	Pass
190	5	Static	13.08	-2091.5	2091.5	Pass
251	5	Static	8.46	-2122	2122	Pass

2.2. GSM Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	9.62	-2060.5	2060.5	Pass
190	5	Static	9.1	-2091.5	2091.5	Pass
251	5	Static	9.94	-2122	2122	Pass

2.3. GSM Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	10.07	-2060.5	2060.5	Pass
190	5	Static	14.3	-2091.5	2091.5	Pass
251	5	Static	6.62	-2122	2122	Pass

2.4. GSM Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	12.4	-2060.5	2060.5	Pass
190	5	Static	11.17	-2091.5	2091.5	Pass
251	5	Static	8.1	-2122	2122	Pass

2.5. GSM Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	8.65	-2060.5	2060.5	Pass
190	5	Static	10.27	-2091.5	2091.5	Pass
251	5	Static	10.11	-2122	2122	Pass

2.6. GSM Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	11.24	-2060.5	2060.5	Pass
190	5	Static	12.49	-2091.5	2091.5	Pass
251	5	Static	9.33	-2122	2122	Pass

2.7. GSM Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	11.24	-2060.5	2060.5	Pass
190	5	Static	12.72	-2091.5	2091.5	Pass
251	5	Static	9.59	-2122	2122	Pass

2.8. GSM Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	9.46	-2060.5	2060.5	Pass
190	5	Static	13.14	-2091.5	2091.5	Pass
251	5	Static	14.69	-2122	2122	Pass

2.9. GSM Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	5.62	-2060.5	2060.5	Pass
190	5	Static	11.95	-2091.5	2091.5	Pass
251	5	Static	10.53	-2122	2122	Pass

2.10. GSM Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	13.62	-2060.5	2060.5	Pass
190	5	Static	8.3	-2091.5	2091.5	Pass
251	5	Static	12.2	-2122	2122	Pass

1. GPRS_PCS

1.1. GPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	22.99	-4625.5	4625.5	Pass
661	0	Static	17.89	-4700	4700	Pass
810	0	Static	25.8	-4774.5	4774.5	Pass

1.2. GPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	19.66	-4625.5	4625.5	Pass
661	0	Static	17.76	-4700	4700	Pass
810	0	Static	24.7	-4774.5	4774.5	Pass

1.3. GPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	24.38	-4625.5	4625.5	Pass
661	0	Static	22.28	-4700	4700	Pass
810	0	Static	20.08	-4774.5	4774.5	Pass

1.4. GPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	16.63	-4625.5	4625.5	Pass
661	0	Static	26.76	-4700	4700	Pass
810	0	Static	20.76	-4774.5	4774.5	Pass

1.5. GPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	26.22	-4625.5	4625.5	Pass
661	0	Static	26.51	-4700	4700	Pass
810	0	Static	30.96	-4774.5	4774.5	Pass

1.6. GPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	18.24	-4625.5	4625.5	Pass
661	0	Static	21.41	-4700	4700	Pass
810	0	Static	25.51	-4774.5	4774.5	Pass

1.7. GPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	15.05	-4625.5	4625.5	Pass
661	0	Static	20.73	-4700	4700	Pass
810	0	Static	27.8	-4774.5	4774.5	Pass

1.8. GPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	20.82	-4625.5	4625.5	Pass
661	0	Static	25.93	-4700	4700	Pass
810	0	Static	25.63	-4774.5	4774.5	Pass

1.9. GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	21.24	-4625.5	4625.5	Pass
661	0	Static	18.6	-4700	4700	Pass
810	0	Static	24.96	-4774.5	4774.5	Pass

1.10. GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	20.99	-4625.5	4625.5	Pass
661	0	Static	21.99	-4700	4700	Pass
810	0	Static	26.6	-4774.5	4774.5	Pass

2. GPRS_GSM850

2.1. GPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	4.81	-2060.5	2060.5	Pass
190	5	Static	7.01	-2091.5	2091.5	Pass
251	5	Static	9.49	-2122	2122	Pass

2.2. GPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	4.75	-2060.5	2060.5	Pass
190	5	Static	4.84	-2091.5	2091.5	Pass
251	5	Static	7.23	-2122	2122	Pass

2.3. GPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-6.49	-2060.5	2060.5	Pass
190	5	Static	7.59	-2091.5	2091.5	Pass
251	5	Static	9.81	-2122	2122	Pass

2.4. GPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	7.39	-2060.5	2060.5	Pass
190	5	Static	7.72	-2091.5	2091.5	Pass
251	5	Static	7.07	-2122	2122	Pass

2.5. GPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	9.17	-2060.5	2060.5	Pass
190	5	Static	6.72	-2091.5	2091.5	Pass
251	5	Static	10.01	-2122	2122	Pass

2.6. GPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	8.36	-2060.5	2060.5	Pass
190	5	Static	7.78	-2091.5	2091.5	Pass
251	5	Static	7.01	-2122	2122	Pass

2.7. GPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	4.55	-2060.5	2060.5	Pass
190	5	Static	7.07	-2091.5	2091.5	Pass
251	5	Static	10.04	-2122	2122	Pass

2.8. GPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	5.42	-2060.5	2060.5	Pass
190	5	Static	5.84	-2091.5	2091.5	Pass
251	5	Static	-3.97	-2122	2122	Pass

2.9. GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	11.33	-2060.5	2060.5	Pass
190	5	Static	5.39	-2091.5	2091.5	Pass
251	5	Static	6.46	-2122	2122	Pass

2.10. GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	5.55	-2060.5	2060.5	Pass
190	5	Static	7.49	-2091.5	2091.5	Pass
251	5	Static	10.56	-2122	2122	Pass

1. EGPRS_GSM850

1.1. EGPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	-6.04	-2060.5	2060.5	Pass
190	8	Static	6.23	-2091.5	2091.5	Pass
251	8	Static	6.26	-2122	2122	Pass

1.2. EGPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	8.04	-2060.5	2060.5	Pass
190	8	Static	10.01	-2091.5	2091.5	Pass
251	8	Static	11.43	-2122	2122	Pass

1.3. EGPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	6.68	-2060.5	2060.5	Pass
190	8	Static	8.1	-2091.5	2091.5	Pass
251	8	Static	13.46	-2122	2122	Pass

1.4. EGPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	7.49	-2060.5	2060.5	Pass
190	8	Static	9.17	-2091.5	2091.5	Pass
251	8	Static	13.37	-2122	2122	Pass

1.5. EGPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	10.49	-2060.5	2060.5	Pass
190	8	Static	9.88	-2091.5	2091.5	Pass
251	8	Static	10.36	-2122	2122	Pass

1.6. EGPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	9.65	-2060.5	2060.5	Pass
190	8	Static	10.4	-2091.5	2091.5	Pass
251	8	Static	9.17	-2122	2122	Pass

1.7. EGPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	9.2	-2060.5	2060.5	Pass
190	8	Static	9.01	-2091.5	2091.5	Pass
251	8	Static	8.23	-2122	2122	Pass

1.8. EGPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	9.62	-2060.5	2060.5	Pass
190	8	Static	9.27	-2091.5	2091.5	Pass
251	8	Static	8.94	-2122	2122	Pass

1.9. EGPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	11.24	-2060.5	2060.5	Pass
190	8	Static	10.2	-2091.5	2091.5	Pass
251	8	Static	11.24	-2122	2122	Pass

1.10. EGPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	8	Static	9.56	-2060.5	2060.5	Pass
190	8	Static	8.2	-2091.5	2091.5	Pass
251	8	Static	9.85	-2122	2122	Pass

2. EGPRS_PCS

2.1. EGPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	23.89	-4625.5	4625.5	Pass
661	2	Static	27.93	-4700	4700	Pass
810	2	Static	28.67	-4774.5	4774.5	Pass

2.2. EGPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	26.67	-4625.5	4625.5	Pass
661	2	Static	24.12	-4700	4700	Pass
810	2	Static	30.28	-4774.5	4774.5	Pass

2.3. EGPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	28.44	-4625.5	4625.5	Pass
661	2	Static	33.19	-4700	4700	Pass
810	2	Static	31.83	-4774.5	4774.5	Pass

2.4. EGPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	30.8	-4625.5	4625.5	Pass
661	2	Static	31.9	-4700	4700	Pass
810	2	Static	28.19	-4774.5	4774.5	Pass

2.5. EGPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	30.45	-4625.5	4625.5	Pass
661	2	Static	23.79	-4700	4700	Pass
810	2	Static	29.74	-4774.5	4774.5	Pass

2.6. EGPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	29.7	-4625.5	4625.5	Pass
661	2	Static	28.86	-4700	4700	Pass
810	2	Static	36.87	-4774.5	4774.5	Pass

2.7. EGPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	30.61	-4625.5	4625.5	Pass
661	2	Static	24.86	-4700	4700	Pass
810	2	Static	30.93	-4774.5	4774.5	Pass

2.8. EGPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	31.77	-4625.5	4625.5	Pass
661	2	Static	31.22	-4700	4700	Pass
810	2	Static	29.41	-4774.5	4774.5	Pass

2.9. EGPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	31.61	-4625.5	4625.5	Pass
661	2	Static	29.35	-4700	4700	Pass
810	2	Static	34.58	-4774.5	4774.5	Pass

2.10. EGPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	2	Static	20.44	-4625.5	4625.5	Pass
661	2	Static	27.22	-4700	4700	Pass
810	2	Static	22.18	-4774.5	4774.5	Pass

1. WCDMA_Band2

1.1. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	9262	-4631	4631	-19.78	Pass
-10 Degree	9400	-4700	4700	-18.43	Pass
-10 Degree	9538	-4769	4769	-20.52	Pass

1.2. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	9262	-4631	4631	-16.7	Pass
0 Degree	9400	-4700	4700	-16.34	Pass
0 Degree	9538	-4769	4769	-15.08	Pass

1.3. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	9262	-4631	4631	-16.21	Pass
10 Degree	9400	-4700	4700	-16.58	Pass
10 Degree	9538	-4769	4769	-16.16	Pass

1.4. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	9262	-4631	4631	-13.41	Pass
20 Degree	9400	-4700	4700	-12.91	Pass
20 Degree	9538	-4769	4769	-16.62	Pass

1.5. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	9262	-4631	4631	-18.02	Pass
25 Degree	9400	-4700	4700	-16.87	Pass
25 Degree	9538	-4769	4769	-14.52	Pass

1.6. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	9262	-4631	4631	-15.65	Pass
30 Degree	9400	-4700	4700	-15.61	Pass
30 Degree	9538	-4769	4769	-14.63	Pass

1.7. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	9262	-4631	4631	-15.36	Pass
40 Degree	9400	-4700	4700	-18.56	Pass
40 Degree	9538	-4769	4769	-13.34	Pass

1.8. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	9262	-4631	4631	-10.9	Pass
50 Degree	9400	-4700	4700	-18.53	Pass
50 Degree	9538	-4769	4769	-11.01	Pass

1.9. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	9262	-4631	4631	-16.53	Pass
NTHV	9400	-4700	4700	-20.03	Pass
NTHV	9538	-4769	4769	-15.84	Pass

1.10. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	9262	-4631	4631	-10.94	Pass
NTLV	9400	-4700	4700	-15.86	Pass
NTLV	9538	-4769	4769	-12.8	Pass

2. WCDMA_Band4

2.1. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	1312	-4281	4281	-19.17	Pass
-10 Degree	1412	-4331	4331	-15.61	Pass
-10 Degree	1513	-4381.5	4381.5	-14.81	Pass

2.2. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	1312	-4281	4281	-12.58	Pass
0 Degree	1412	-4331	4331	-13	Pass
0 Degree	1513	-4381.5	4381.5	-18.25	Pass

2.3. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	1312	-4281	4281	-14.83	Pass
10 Degree	1412	-4331	4331	-12.38	Pass
10 Degree	1513	-4381.5	4381.5	-14.28	Pass

2.4. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	1312	-4281	4281	-16.75	Pass
20 Degree	1412	-4331	4331	-17.31	Pass
20 Degree	1513	-4381.5	4381.5	-15.68	Pass

2.5. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	1312	-4281	4281	-11.96	Pass
25 Degree	1412	-4331	4331	-16.17	Pass
25 Degree	1513	-4381.5	4381.5	-15.22	Pass

2.6. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	1312	-4281	4281	-14.21	Pass
30 Degree	1412	-4331	4331	-17.12	Pass
30 Degree	1513	-4381.5	4381.5	-17.68	Pass

2.7. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	1312	-4281	4281	-14.03	Pass
40 Degree	1412	-4331	4331	-13.86	Pass
40 Degree	1513	-4381.5	4381.5	-12.47	Pass

2.8. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	1312	-4281	4281	-18.45	Pass
50 Degree	1412	-4331	4331	-10.93	Pass
50 Degree	1513	-4381.5	4381.5	-15.43	Pass

2.9. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	1312	-4281	4281	-17.84	Pass
NTHV	1412	-4331	4331	-15.74	Pass
NTHV	1513	-4381.5	4381.5	-12.7	Pass

2.10. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	1312	-4281	4281	-15.73	Pass
NTLV	1412	-4331	4331	-11.44	Pass
NTLV	1513	-4381.5	4381.5	-12.06	Pass

3. WCDMA_Band5

3.1. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	4132	-2066	2066	-3.94	Pass
-10 Degree	4182	-2091	2091	-10.39	Pass
-10 Degree	4233	-2116.5	2116.5	-7.7	Pass

3.2. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	4132	-2066	2066	-7.49	Pass
0 Degree	4182	-2091	2091	-11.08	Pass
0 Degree	4233	-2116.5	2116.5	-12.6	Pass

3.3. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	4132	-2066	2066	-7.71	Pass
10 Degree	4182	-2091	2091	-15.3	Pass
10 Degree	4233	-2116.5	2116.5	-12.75	Pass

3.4. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	4132	-2066	2066	-12.45	Pass
20 Degree	4182	-2091	2091	-15.51	Pass
20 Degree	4233	-2116.5	2116.5	-8.76	Pass

3.5. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	4132	-2066	2066	-10.14	Pass
25 Degree	4182	-2091	2091	-11.92	Pass
25 Degree	4233	-2116.5	2116.5	-12.22	Pass

3.6. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	4132	-2066	2066	-9.58	Pass
30 Degree	4182	-2091	2091	-16.45	Pass
30 Degree	4233	-2116.5	2116.5	-8	Pass

3.7. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	4132	-2066	2066	-16.66	Pass
40 Degree	4182	-2091	2091	-11.24	Pass
40 Degree	4233	-2116.5	2116.5	-13.34	Pass

3.8. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	4132	-2066	2066	-13.97	Pass
50 Degree	4182	-2091	2091	-9.67	Pass
50 Degree	4233	-2116.5	2116.5	-14.4	Pass

3.9. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	4132	-2066	2066	-9.94	Pass
NTHV	4182	-2091	2091	-10.64	Pass
NTHV	4233	-2116.5	2116.5	-14.65	Pass

3.10. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	4132	-2066	2066	-12.87	Pass
NTLV	4182	-2091	2091	-16.77	Pass
NTLV	4233	-2116.5	2116.5	-13.45	Pass

1. LTE_Band2

1.1. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	18900	10	QPSK	50	0	-4700	4700	-11.04	Pass
-10 Degree	18900	10	16QAM	50	0	-4700	4700	-9.3	Pass

1.2. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	18900	10	QPSK	50	0	-4700	4700	-15.32	Pass
0 Degree	18900	10	16QAM	50	0	-4700	4700	-8.41	Pass

1.3. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	18900	10	QPSK	50	0	-4700	4700	-9.24	Pass
10 Degree	18900	10	16QAM	50	0	-4700	4700	-10.64	Pass

1.4. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	18900	10	QPSK	50	0	-4700	4700	-7.95	Pass
20 Degree	18900	10	16QAM	50	0	-4700	4700	-4.76	Pass

1.5. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	18900	10	QPSK	50	0	-4700	4700	-7.32	Pass
25 Degree	18900	10	16QAM	50	0	-4700	4700	-8.51	Pass

1.6. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	18900	10	QPSK	50	0	-4700	4700	16.45	Pass
30 Degree	18900	10	16QAM	50	0	-4700	4700	-0.74	Pass

1.7. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	18900	10	QPSK	50	0	-4700	4700	-9.87	Pass
40 Degree	18900	10	16QAM	50	0	-4700	4700	-7.57	Pass

1.8. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	18900	10	QPSK	50	0	-4700	4700	-3.68	Pass
50 Degree	18900	10	16QAM	50	0	-4700	4700	-11.59	Pass

1.9. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	18900	10	QPSK	50	0	-4700	4700	-7.5	Pass
NTHV	18900	10	16QAM	50	0	-4700	4700	-3.46	Pass

1.10. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	18900	10	QPSK	50	0	-4700	4700	-10.51	Pass
NTLV	18900	10	16QAM	50	0	-4700	4700	-7	Pass

2. LTE_Band4

2.1. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	-8.5	Pass
-10 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-9.01	Pass

2.2. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	1.2	Pass
0 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-4.19	Pass

2.3. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	-6.04	Pass
10 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-5.15	Pass

2.4. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	-3.59	Pass
20 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-4.55	Pass

2.5. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	-7.41	Pass
25 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-6.34	Pass

2.6. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	2.12	Pass
30 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-3.05	Pass

2.7. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	-9.11	Pass
40 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-3.06	Pass

2.8. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	-1.6	Pass
50 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-4.18	Pass

2.9. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	20175	10	QPSK	50	0	-4331.25	4331.25	-6.72	Pass
NTHV	20175	10	16QAM	50	0	-4331.25	4331.25	-1.06	Pass

2.10. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	20175	10	QPSK	50	0	-4331.25	4331.25	-8.08	Pass
NTLV	20175	10	16QAM	50	0	-4331.25	4331.25	-0.69	Pass

3. LTE_Band5

3.1. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-9.31	Pass
-10 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-8.18	Pass

3.2. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-2.72	Pass
0 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-9.27	Pass

3.3. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-6.92	Pass
10 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-7.22	Pass

3.4. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-6.22	Pass
20 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-6.01	Pass

3.5. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-4.52	Pass
25 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-4.15	Pass

3.6. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-6.68	Pass
30 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-5.74	Pass

3.7. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-8.61	Pass
40 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-13.26	Pass

3.8. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-0.89	Pass
50 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-8.1	Pass

3.9. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	20525	10	QPSK	50	0	-2091.25	2091.25	-7.3	Pass
NTHV	20525	10	16QAM	50	0	-2091.25	2091.25	-7.88	Pass

3.10. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	20525	10	QPSK	50	0	-2091.25	2091.25	-6.94	Pass
NTLV	20525	10	16QAM	50	0	-2091.25	2091.25	-2.55	Pass

4. LTE_Band7

4.1. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	0.54	Pass
-10 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	-7	Pass

4.2. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	-9.14	Pass
0 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	-4.66	Pass

4.3. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	-4.56	Pass
10 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	-12.96	Pass

4.4. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	-1.43	Pass
20 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	-8.47	Pass

4.5. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	-0.99	Pass
25 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	-0.26	Pass

4.6. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	-14.66	Pass
30 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	-10	Pass

4.7. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	-9.04	Pass
40 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	2.7	Pass

4.8. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	9.3	Pass
50 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	-12.47	Pass

4.9. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	21100	10	QPSK	50	0	-6337.5	6337.5	-5.78	Pass
NTHV	21100	10	16QAM	50	0	-6337.5	6337.5	4.45	Pass

4.10. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	21100	10	QPSK	50	0	-6337.5	6337.5	-10.37	Pass
NTLV	21100	10	16QAM	50	0	-6337.5	6337.5	-8.47	Pass

5. LTE_Band12

5.1. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-5.66	Pass
-10 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	-4.33	Pass

5.2. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-5.41	Pass
0 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	-3.53	Pass

5.3. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-6.41	Pass
10 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	-9.06	Pass

5.4. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-3.99	Pass
20 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	-6.54	Pass

5.5. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-5.19	Pass
25 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	-8.11	Pass

5.6. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-7.08	Pass
30 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	-4.38	Pass

5.7. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-2.36	Pass
40 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	-3.59	Pass

5.8. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-0.26	Pass
50 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	-3.93	Pass

5.9. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	23095	10	QPSK	50	0	-1768.75	1768.75	-1.62	Pass
NTHV	23095	10	16QAM	50	0	-1768.75	1768.75	-6.18	Pass

5.10. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	23095	10	QPSK	50	0	-1768.75	1768.75	-8.71	Pass
NTLV	23095	10	16QAM	50	0	-1768.75	1768.75	-3.08	Pass

6. LTE_Band66

6.1. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-9.28	Pass
-10 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-5.32	Pass

6.2. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-3.06	Pass
0 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-2.12	Pass

6.3. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-10.11	Pass
10 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-3.48	Pass

6.4. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-7.9	Pass
20 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-0.74	Pass

6.5. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-8.68	Pass
25 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-7.64	Pass

6.6. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-1.02	Pass
30 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-4.98	Pass

6.7. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-4.22	Pass
40 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-4.29	Pass

6.8. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-3.3	Pass
50 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-7.74	Pass

6.9. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	132322	10	QPSK	50	0	-4362.5	4362.5	-0.64	Pass
NTHV	132322	10	16QAM	50	0	-4362.5	4362.5	-7	Pass

6.10. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	132322	10	QPSK	50	0	-4362.5	4362.5	-7.88	Pass
NTLV	132322	10	16QAM	50	0	-4362.5	4362.5	-9.93	Pass

7. LTE_Band38

7.1. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-14.16	Pass
-10 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-20.67	Pass

7.2. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-3.91	Pass
0 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-15.31	Pass

7.3. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-11.99	Pass
10 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-5.98	Pass

7.4. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-5.04	Pass
20 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-18.51	Pass

7.5. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-13.9	Pass
25 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-6.84	Pass

7.6. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-7.65	Pass
30 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-11.8	Pass

7.7. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-12.39	Pass
40 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-13.09	Pass

7.8. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	4.76	Pass
50 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-0.73	Pass

7.9. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	38000	10	QPSK	50	0	-6487.5	6487.5	-7.05	Pass
NTHV	38000	10	16QAM	50	0	-6487.5	6487.5	-15.76	Pass

7.10. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	38000	10	QPSK	50	0	-6487.5	6487.5	-11.79	Pass
NTLV	38000	10	16QAM	50	0	-6487.5	6487.5	-1.65	Pass

8. LTE_Band41 120M

8.1. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	40640	10	QPSK	50	0	-6487.5	6487.5	-14.25	Pass
-10 Degree	40640	10	16QAM	50	0	-6487.5	6487.5	-23.92	Pass

8.2. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	40640	10	QPSK	50	0	-6487.5	6487.5	-8.94	Pass
0 Degree	40640	10	16QAM	50	0	-6487.5	6487.5	-11.12	Pass

8.3. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	40640	10	QPSK	50	0	-6487.5	6487.5	-0.56	Pass
10 Degree	40640	10	16QAM	50	0	-6487.5	6487.5	-10.66	Pass

8.4. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	40640	10	QPSK	50	0	-6487.5	6487.5	-6.67	Pass
20 Degree	40640	10	16QAM	50	0	-6487.5	6487.5	-9.66	Pass

8.5. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	40640	10	QPSK	50	0	-6487.5	6487.5	-1.79	Pass
25 Degree	40640	10	16QAM	50	0	-6487.5	6487.5	-13.22	Pass

8.6. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	40640	10	QPSK	50	0	-6487.5	6487.5	-6.82	Pass
30 Degree	40640	10	16QAM	50	0	-6487.5	6487.5	-20.13	Pass

8.7. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	40640	10	QPSK	50	0	-6487.5	6487.5	-16.65	Pass
40 Degree	40640	10	16QAM	50	0	-6487.5	6487.5	-1.6	Pass

8.8. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	40640	10	QPSK	50	0	-6487.5	6487.5	-13.85	Pass
50 Degree	40640	10	16QAM	50	0	-6487.5	6487.5	-33.42	Pass

8.9. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	40640	10	QPSK	50	0	-6487.5	6487.5	-9.16	Pass
NTHV	40640	10	16QAM	50	0	-6487.5	6487.5	-10.04	Pass

8.10. LTE Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	40640	10	QPSK	50	0	-6487.5	6487.5	-3.15	Pass
NTLV	40640	10	16QAM	50	0	-6487.5	6487.5	-0.14	Pass

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