

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)	
3.85V	-15	7.46	±2060.5	10.85	±2091.5	13.62	±2122	Pass
	-10	10.78		13.27		13.75		
	0	11.78		11.72		16.27		
	+10	8.23		14.5		13.72		
	+20	18.11		12.27		13.88		
	+25	12.43		13.75		18.63		
	+30	12.17		11.69		13.66		
	+40	14.72		15.27		15.37		
	+50	17.76		10.49		15.14		
	+55	11.66		14.43		13.95		
4.45V	+25	11.95		14.4		12.98		
3.6V	+25	9.98		10.04		18.21		

GSM 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880.0 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85V	-15	25.44	±4625.5	29.57	±4700	31.58	±4774.5	Pass
	-10	29.12		34.09		30.87		
	0	36.39		38.58		29.12		
	+10	34.22		29.57		29.57		
	+20	28.02		29.19		31.96		
	+25	34.55		32.41		23.34		
	+30	26.93		38.42		30.51		
	+40	32.58		23.86		28.22		
	+50	23.47		25.7		30.7		
	+55	27.99		30.15		20.47		
4.45V	+25	21.28		28.06		26.18		
3.6V	+25	27.48		26.47		28.12		

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)	
3.85V	-15	5.97	±2060.5	-7.62	±2091.5	3.84	±2122	Pass
	-10	2.65		-7.91		-6.72		
	0	-7.07		-6.1		-8.1		
	+10	-10.14		-10.36		-4.88		
	+20	-8.62		-7.52		-7.14		
	+25	4.13		6.97		-4.49		
	+30	3.58		-4.81		5.04		
	+40	5.88		6.65		5.84		
	+50	2.62		-5.91		9.75		
	+55	8.1		-6.75		6.13		
4.45V	+25	4.52	3.29	8.23				
3.6V	+25	4.07	4.58	5.78				

GPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880.0 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85V	-15	22.08	±4625.5	19.21	±4700	18.53	±4774.5	Pass
	-10	25.22		26.31		29.48		
	0	27.48		25.54		28.31		
	+10	22.41		25.76		26.44		
	+20	26.67		23.25		27.93		
	+25	18.79		20.89		30.12		
	+30	31.28		27.57		27.6		
	+40	28.57		19.21		30.19		
	+50	25.25		29.93		29.48		
	+55	20.31		18.37		25.38		
4.45V	+25	24.05		24.7		20.63		
3.6V	+25	30.9		27.86		27.22		

WCDMA

WCDMA Band 2

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880.0 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.85V	-15	-12.25	±4631	-14.16	±4700	-14.15	±4769	Pass
	-10	-14.28		-17.29		-19.33		
	0	-8.63		-17.97		-9.1		
	+10	-9.13		-15.42		-9.38		
	+20	-10.2		-13.02		-12.67		
	+25	-12.81		-11.94		-12.18		
	+30	-11.19		-13.98		-16.4		
	+40	-9.9		-11.11		-12.52		
	+50	-15.4		-18.62		-14.21		
	+55	-13.2		-21.12		-17.01		
4.45V	+25	-10.48		-16.47		-16.16		
3.6V	+25	-8.16		-13.1		-14.18		

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)	
3.85V	-15	-21.46	±4281	-20.66	±4331	-20.11	±4381.5	Pass
	-10	-15.62		-15.1		-15.95		
	0	-20.36		-14.46		-18.4		
	+10	-13.07		-16.49		-14.04		
	+20	-12.61		-13.15		-11.38		
	+25	-13.49		-12.72		-17.87		
	+30	-13.4		-14.53		-15.53		
	+40	-13.36		-15.02		-16.33		
	+50	-6.21		-15.3		-15.26		
	+55	-6.39		-13.98		-13.13		
4.45V	+25	-11.36		-11.6		-15.95		
3.6V	+25	-11.54		-15.4		-14.97		

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)	
3.85V	-15	-9.55	±2066	-13.81	±2091	-11.01	±2116.5	Pass
	-10	-5.83		-13.77		-10.66		
	0	-5.43		-15.39		-8.28		
	+10	-9.9		-14.98		-15.34		
	+20	-5.93		-9.79		-11.64		
	+25	-7.78		-15.39		-9.91		
	+30	-3.88		-15.35		-13.36		
	+40	-4.77		-14.85		-13.41		
	+50	-4.31		-13.2		-7.77		
	+55	-3.48		-13.77		-11.9		
4.45V	+25	-8.75		-13.01		-8.55		
3.6V	+25	-11.01		-15.04		-12.43		

LTE

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-12.16	±4700	Pass
	-10	-7.84		
	0	-10.47		
	+10	6.29		
	+20	-5.11		
	+25	-8.67		
	+30	-7.52		
	+40	-8.77		
	+50	-9.24		
	+55	-12.07		
4.45V	+25	-7.61		
3.6V	+25	-7.64		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-11.74	±4700	Pass
	-10	-9.58		
	0	-4.38		
	+10	-11.9		
	+20	-7.68		
	+25	-12.57		
	+30	-10.9		
	+40	-7.42		
	+50	-11.14		
	+55	-12.22		
4.45V	+25	-7.9		
3.6V	+25	-10.29		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-4.91	±4331.25	Pass
	-10	-12.36		
	0	-10.26		
	+10	-6.29		
	+20	-5.38		
	+25	-8.5		
	+30	20.56		
	+40	-8.08		
	+50	-5.74		
	+55	-3.03		
4.45V	+25	-5.48		
3.6V	+25	-6.08		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-1.29	±4331.25	Pass
	-10	-6.34		
	0	-6.31		
	+10	-6.49		
	+20	-3.72		
	+25	-12.16		
	+30	-5.99		
	+40	-3.68		
	+50	-4.94		
	+55	-2.53		
4.45V	+25	-7.02		
3.6V	+25	-7.81		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-5.85	±2091.25	Pass
	-10	-5.75		
	0	-5.31		
	+10	-7.08		
	+20	-5.29		
	+25	-3.88		
	+30	-4.41		
	+40	-9.08		
	+50	-4.59		
	+55	-8.9		
4.45V	+25	-5.78		
3.6V	+25	-8.74		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-5.24	±2091.25	Pass
	-10	-5.02		
	0	-2.6		
	+10	-3.09		
	+20	-7.61		
	+25	-4.99		
	+30	-4.76		
	+40	-7.7		
	+50	-8.4		
	+55	-3.79		
4.45V	+25	-4.25		
3.6V	+25	-1.2		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-0.19	±6337.5	Pass
	-10	-15.13		
	0	0.34		
	+10	-3.35		
	+20	-6.29		
	+25	-14.06		
	+30	-8.7		
	+40	-4.85		
	+50	4.52		
	+55	-4.58		
4.45V	+25	-6.77		
3.6V	+25	10.5		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-2.53	±6337.5	Pass
	-10	-3.08		
	0	-5.26		
	+10	-5.42		
	+20	-5.81		
	+25	-3.99		
	+30	6.54		
	+40	2.76		
	+50	0.49		
	+55	-7.07		
4.45V	+25	-9.5		
3.6V	+25	-3.03		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-5.41	±1768.75	Pass
	-10	-5.42		
	0	-10.47		
	+10	-6.24		
	+20	-3.79		
	+25	-7.52		
	+30	-8.17		
	+40	-5.76		
	+50	-10.44		
	+55	-9		
4.45V	+25	-7.61		
3.6V	+25	-8.98		

LTE Band 12 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-5.74	±1768.75	Pass
	-10	-1.72		
	0	-5.45		
	+10	-9		
	+20	-3.68		
	+25	-6.08		
	+30	-5.72		
	+40	-3.85		
	+50	-12.15		
	+55	-8.33		
4.45V	+25	-6.15		
3.6V	+25	-8.74		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-30	-4.13	±1775	Pass
	-10	-4.48		
	0	-6.29		
	+10	-4.03		
	+20	-6.31		
	+25	-6.14		
	+30	-4.11		
	+40	-6.17		
	+50	-3.05		
	+50	-6.91		
4.45V	+25	-8.14		
3.6V	+25	-3.89		

LTE Band 17 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-30	-4.86	±1775	Pass
	-10	-5.14		
	0	-4.21		
	+10	-7.62		
	+20	-4.76		
	+25	-1.2		
	+30	-8.25		
	+40	-6.05		
	+50	-7.97		
	+50	-6.18		
4.45V	+25	-3.3		
3.6V	+25	-0.93		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-4.99	±6487.5	Pass
	-10	-10.43		
	0	-6.27		
	+10	-11.1		
	+20	-3.12		
	+25	-9.26		
	+30	-21.62		
	+40	-5.25		
	+50	-3.36		
	+55	-15.08		
4.45V	+25	-8.37		
3.6V	+25	-9.81		

LTE Band 38 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-3.2	±6487.5	Pass
	-10	-10.77		
	0	-7.67		
	+10	-3.66		
	+20	-3.59		
	+25	-12.82		
	+30	-25.32		
	+40	-8.74		
	+50	-3.73		
	+55	-11.79		
4.45V	+25	-6.17		
3.6V	+25	-9.74		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-8.91	±6482.5	Pass
	-10	-15.68		
	0	-14.65		
	+10	-13.33		
	+20	-10.5		
	+25	-14.36		
	+30	-9.43		
	+40	-23.3		
	+50	-15.71		
	+55	-23.52		
4.45V	+25	-12.07		
3.6V	+25	-16.64		

LTE Band 41 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-3.33	±6482.5	Pass
	-10	-19.77		
	0	-20.73		
	+10	-16.32		
	+20	-8.87		
	+25	-12.13		
	+30	-11.1		
	+40	-8.7		
	+50	-19.05		
	+55	-11.99		
4.45V	+25	-19.13		
3.6V	+25	-11.5		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-6.77	±4362.5	Pass
	-10	-8.78		
	0	-6.55		
	+10	-7.95		
	+20	-4.68		
	+25	-5.51		
	+30	-5.81		
	+40	-1.73		
	+50	-6.24		
	+55	-3.89		
4.45V	+25	-4.19		
3.6V	+25	-3.92		

LTE Band 66 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.85V	-15	-8.63	±4362.5	Pass
	-10	-8.74		
	0	-5.12		
	+10	-3.02		
	+20	-6.38		
	+25	-3.39		
	+30	-2.06		
	+40	-8.68		
	+50	-6.77		
	+55	-4.36		
4.45V	+25	-3.02		
3.6V	+25	-4.19		

1. GSM_GSM850

1.1 GSM Frequency Stability_Part22-24(-15 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	7.46	-2060.5	2060.5	Pass
190	5	Static	10.85	-2091.5	2091.5	Pass
251	5	Static	13.62	-2122	2122	Pass

1.2 GSM Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	10.78	-2060.5	2060.5	Pass
190	5	Static	13.27	-2091.5	2091.5	Pass
251	5	Static	13.75	-2122	2122	Pass

1.3 GSM Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	11.78	-2060.5	2060.5	Pass
190	5	Static	11.72	-2091.5	2091.5	Pass
251	5	Static	16.27	-2122	2122	Pass

1.4 GSM Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	8.23	-2060.5	2060.5	Pass
190	5	Static	14.5	-2091.5	2091.5	Pass
251	5	Static	13.72	-2122	2122	Pass

1.5 GSM Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	18.11	-2060.5	2060.5	Pass
190	5	Static	12.27	-2091.5	2091.5	Pass
251	5	Static	13.88	-2122	2122	Pass

1.6 GSM Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	12.43	-2060.5	2060.5	Pass
190	5	Static	13.75	-2091.5	2091.5	Pass
251	5	Static	18.63	-2122	2122	Pass

1.7 GSM Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	12.17	-2060.5	2060.5	Pass
190	5	Static	11.69	-2091.5	2091.5	Pass
251	5	Static	13.66	-2122	2122	Pass

1.8 GSM Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	14.72	-2060.5	2060.5	Pass
190	5	Static	15.27	-2091.5	2091.5	Pass
251	5	Static	15.37	-2122	2122	Pass

1.9 GSM Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	17.76	-2060.5	2060.5	Pass
190	5	Static	10.49	-2091.5	2091.5	Pass
251	5	Static	15.14	-2122	2122	Pass

1.10 GSM Frequency Stability_Part22-24(55 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	11.66	-2060.5	2060.5	Pass
190	5	Static	14.43	-2091.5	2091.5	Pass
251	5	Static	13.95	-2122	2122	Pass

1.11 GSM Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	11.95	-2060.5	2060.5	Pass
190	5	Static	14.4	-2091.5	2091.5	Pass
251	5	Static	12.98	-2122	2122	Pass

1.12 GSM Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	9.98	-2060.5	2060.5	Pass
190	5	Static	10.04	-2091.5	2091.5	Pass
251	5	Static	18.21	-2122	2122	Pass

2. GSM_PCS

2.1 GSM Frequency Stability_Part22-24(-15 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	25.44	-4625.5	4625.5	Pass
661	0	Static	29.57	-4700	4700	Pass
810	0	Static	31.58	-4774.5	4774.5	Pass

2.2 GSM Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	29.12	-4625.5	4625.5	Pass
661	0	Static	34.09	-4700	4700	Pass
810	0	Static	30.87	-4774.5	4774.5	Pass

2.3 GSM Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	36.39	-4625.5	4625.5	Pass
661	0	Static	38.58	-4700	4700	Pass
810	0	Static	29.12	-4774.5	4774.5	Pass

2.4 GSM Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	34.22	-4625.5	4625.5	Pass
661	0	Static	29.57	-4700	4700	Pass
810	0	Static	29.57	-4774.5	4774.5	Pass

2.5 GSM Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	28.02	-4625.5	4625.5	Pass
661	0	Static	29.19	-4700	4700	Pass
810	0	Static	31.96	-4774.5	4774.5	Pass

2.6 GSM Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	34.55	-4625.5	4625.5	Pass
661	0	Static	32.41	-4700	4700	Pass
810	0	Static	23.34	-4774.5	4774.5	Pass

2.7 GSM Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	26.93	-4625.5	4625.5	Pass
661	0	Static	38.42	-4700	4700	Pass
810	0	Static	30.51	-4774.5	4774.5	Pass

2.8 GSM Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	32.58	-4625.5	4625.5	Pass
661	0	Static	23.86	-4700	4700	Pass
810	0	Static	28.22	-4774.5	4774.5	Pass

2.9 GSM Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	23.47	-4625.5	4625.5	Pass
661	0	Static	25.7	-4700	4700	Pass
810	0	Static	30.7	-4774.5	4774.5	Pass

2.10 GSM Frequency Stability_Part22-24(55 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	27.99	-4625.5	4625.5	Pass
661	0	Static	30.15	-4700	4700	Pass
810	0	Static	20.47	-4774.5	4774.5	Pass

2.11 GSM Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	21.28	-4625.5	4625.5	Pass
661	0	Static	28.06	-4700	4700	Pass
810	0	Static	26.18	-4774.5	4774.5	Pass

2.12 GSM Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	27.48	-4625.5	4625.5	Pass
661	0	Static	26.47	-4700	4700	Pass
810	0	Static	28.12	-4774.5	4774.5	Pass

1. GPRS_GSM850

1.1 GPRS Frequency Stability_Part22-24(-15 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	5.97	-2060.5	2060.5	Pass
190	5	Static	-7.62	-2091.5	2091.5	Pass
251	5	Static	3.84	-2122	2122	Pass

1.2 GPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	2.65	-2060.5	2060.5	Pass
190	5	Static	-7.91	-2091.5	2091.5	Pass
251	5	Static	-6.72	-2122	2122	Pass

1.3 GPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-7.07	-2060.5	2060.5	Pass
190	5	Static	-6.1	-2091.5	2091.5	Pass
251	5	Static	-8.1	-2122	2122	Pass

1.4 GPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-10.14	-2060.5	2060.5	Pass
190	5	Static	-10.36	-2091.5	2091.5	Pass
251	5	Static	-4.88	-2122	2122	Pass

1.5 GPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	-8.62	-2060.5	2060.5	Pass
190	5	Static	-7.52	-2091.5	2091.5	Pass
251	5	Static	-7.14	-2122	2122	Pass

1.6 GPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	4.13	-2060.5	2060.5	Pass
190	5	Static	6.97	-2091.5	2091.5	Pass
251	5	Static	-4.49	-2122	2122	Pass

1.7 GPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	3.58	-2060.5	2060.5	Pass
190	5	Static	-4.81	-2091.5	2091.5	Pass
251	5	Static	5.04	-2122	2122	Pass

1.8 GPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	5.88	-2060.5	2060.5	Pass
190	5	Static	6.65	-2091.5	2091.5	Pass
251	5	Static	5.84	-2122	2122	Pass

1.9 GPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	2.62	-2060.5	2060.5	Pass
190	5	Static	-5.91	-2091.5	2091.5	Pass
251	5	Static	9.75	-2122	2122	Pass

1.10 GPRS Frequency Stability_Part22-24(55 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	8.1	-2060.5	2060.5	Pass
190	5	Static	-6.75	-2091.5	2091.5	Pass
251	5	Static	6.13	-2122	2122	Pass

1.11 GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	4.52	-2060.5	2060.5	Pass
190	5	Static	3.29	-2091.5	2091.5	Pass
251	5	Static	8.23	-2122	2122	Pass

1.12 GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
128	5	Static	4.07	-2060.5	2060.5	Pass
190	5	Static	4.58	-2091.5	2091.5	Pass
251	5	Static	5.78	-2122	2122	Pass

2. GPRS_PCS

2.1 GPRS Frequency Stability_Part22-24(-15 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	22.08	-4625.5	4625.5	Pass
661	0	Static	19.21	-4700	4700	Pass
810	0	Static	18.53	-4774.5	4774.5	Pass

2.2 GPRS Frequency Stability_Part22-24(-10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	25.22	-4625.5	4625.5	Pass
661	0	Static	26.31	-4700	4700	Pass
810	0	Static	29.48	-4774.5	4774.5	Pass

2.3 GPRS Frequency Stability_Part22-24(0 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	27.48	-4625.5	4625.5	Pass
661	0	Static	25.54	-4700	4700	Pass
810	0	Static	28.31	-4774.5	4774.5	Pass

2.4 GPRS Frequency Stability_Part22-24(10 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	22.41	-4625.5	4625.5	Pass
661	0	Static	25.76	-4700	4700	Pass
810	0	Static	26.44	-4774.5	4774.5	Pass

2.5 GPRS Frequency Stability_Part22-24(20 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	26.67	-4625.5	4625.5	Pass
661	0	Static	23.25	-4700	4700	Pass
810	0	Static	27.93	-4774.5	4774.5	Pass

2.6 GPRS Frequency Stability_Part22-24(25 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	18.79	-4625.5	4625.5	Pass
661	0	Static	20.89	-4700	4700	Pass
810	0	Static	30.12	-4774.5	4774.5	Pass

2.7 GPRS Frequency Stability_Part22-24(30 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	31.28	-4625.5	4625.5	Pass
661	0	Static	27.57	-4700	4700	Pass
810	0	Static	27.6	-4774.5	4774.5	Pass

2.8 GPRS Frequency Stability_Part22-24(40 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	28.57	-4625.5	4625.5	Pass
661	0	Static	19.21	-4700	4700	Pass
810	0	Static	30.19	-4774.5	4774.5	Pass

2.9 GPRS Frequency Stability_Part22-24(50 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	25.25	-4625.5	4625.5	Pass
661	0	Static	29.93	-4700	4700	Pass
810	0	Static	29.48	-4774.5	4774.5	Pass

2.10 GPRS Frequency Stability_Part22-24(55 Degree)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	20.31	-4625.5	4625.5	Pass
661	0	Static	18.37	-4700	4700	Pass
810	0	Static	25.38	-4774.5	4774.5	Pass

2.11 GPRS Frequency Stability_Part22-24(NTHV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	24.05	-4625.5	4625.5	Pass
661	0	Static	24.7	-4700	4700	Pass
810	0	Static	20.63	-4774.5	4774.5	Pass

2.12 GPRS Frequency Stability_Part22-24(NTLV)

UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
512	0	Static	30.9	-4625.5	4625.5	Pass
661	0	Static	27.86	-4700	4700	Pass
810	0	Static	27.22	-4774.5	4774.5	Pass

1. WCDMA_Band2

1.1 WCDMA Frequency Stability_Part22-24-27(-15 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-12.25	Pass
9400	-4700	4700	-14.16	Pass
9538	-4769	4769	-14.15	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-14.28	Pass
9400	-4700	4700	-17.29	Pass
9538	-4769	4769	-19.33	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-8.63	Pass
9400	-4700	4700	-17.97	Pass
9538	-4769	4769	-9.1	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-9.13	Pass
9400	-4700	4700	-15.42	Pass
9538	-4769	4769	-9.38	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-10.2	Pass
9400	-4700	4700	-13.02	Pass
9538	-4769	4769	-12.67	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-12.81	Pass
9400	-4700	4700	-11.94	Pass
9538	-4769	4769	-12.18	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-11.19	Pass
9400	-4700	4700	-13.98	Pass
9538	-4769	4769	-16.4	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-9.9	Pass
9400	-4700	4700	-11.11	Pass
9538	-4769	4769	-12.52	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-15.4	Pass
9400	-4700	4700	-18.62	Pass
9538	-4769	4769	-14.21	Pass

1.10 WCDMA Frequency Stability_Part22-24-27(55 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-13.2	Pass
9400	-4700	4700	-21.12	Pass
9538	-4769	4769	-17.01	Pass

1.11 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-10.48	Pass
9400	-4700	4700	-16.47	Pass
9538	-4769	4769	-16.16	Pass

1.12 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
9262	-4631	4631	-8.16	Pass
9400	-4700	4700	-13.1	Pass
9538	-4769	4769	-14.18	Pass

2. WCDMA_Band4

2.1 WCDMA Frequency Stability_Part22-24-27(-15 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-21.46	Pass
1412	-4331	4331	-20.66	Pass
1513	-4381.5	4381.5	-20.11	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-15.62	Pass
1412	-4331	4331	-15.1	Pass
1513	-4381.5	4381.5	-15.95	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-20.36	Pass
1412	-4331	4331	-14.46	Pass
1513	-4381.5	4381.5	-18.4	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-13.07	Pass
1412	-4331	4331	-16.49	Pass
1513	-4381.5	4381.5	-14.04	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-12.61	Pass
1412	-4331	4331	-13.15	Pass
1513	-4381.5	4381.5	-11.38	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-13.49	Pass
1412	-4331	4331	-12.72	Pass
1513	-4381.5	4381.5	-17.87	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-13.4	Pass
1412	-4331	4331	-14.53	Pass
1513	-4381.5	4381.5	-15.53	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-13.36	Pass
1412	-4331	4331	-15.02	Pass
1513	-4381.5	4381.5	-16.33	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-6.21	Pass
1412	-4331	4331	-15.3	Pass
1513	-4381.5	4381.5	-15.26	Pass

2.10 WCDMA Frequency Stability_Part22-24-27(55 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-6.39	Pass
1412	-4331	4331	-13.98	Pass
1513	-4381.5	4381.5	-13.13	Pass

2.11 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-11.36	Pass
1412	-4331	4331	-11.6	Pass
1513	-4381.5	4381.5	-15.95	Pass

2.12 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
1312	-4281	4281	-11.54	Pass
1412	-4331	4331	-15.4	Pass
1513	-4381.5	4381.5	-14.97	Pass

3. WCDMA_Band5

3.1 WCDMA Frequency Stability_Part22-24-27(-15 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-9.55	Pass
4182	-2091	2091	-13.81	Pass
4233	-2116.5	2116.5	-11.01	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-5.83	Pass
4182	-2091	2091	-13.77	Pass
4233	-2116.5	2116.5	-10.66	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-5.43	Pass
4182	-2091	2091	-15.39	Pass
4233	-2116.5	2116.5	-8.28	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-9.9	Pass
4182	-2091	2091	-14.98	Pass
4233	-2116.5	2116.5	-15.34	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-5.93	Pass
4182	-2091	2091	-9.79	Pass
4233	-2116.5	2116.5	-11.64	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-7.78	Pass
4182	-2091	2091	-15.39	Pass
4233	-2116.5	2116.5	-9.91	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-3.88	Pass
4182	-2091	2091	-15.35	Pass
4233	-2116.5	2116.5	-13.36	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-4.77	Pass
4182	-2091	2091	-14.85	Pass
4233	-2116.5	2116.5	-13.41	Pass

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

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-4.31	Pass
4182	-2091	2091	-13.2	Pass
4233	-2116.5	2116.5	-7.77	Pass

3.10 WCDMA Frequency Stability_Part22-24-27(55 Degree)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-3.48	Pass
4182	-2091	2091	-13.77	Pass
4233	-2116.5	2116.5	-11.9	Pass

3.11 WCDMA Frequency Stability_Part22-24-27(NTHV)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-8.75	Pass
4182	-2091	2091	-13.01	Pass
4233	-2116.5	2116.5	-8.55	Pass

3.12 WCDMA Frequency Stability_Part22-24-27(NTLV)

UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
4132	-2066	2066	-11.01	Pass
4182	-2091	2091	-15.04	Pass
4233	-2116.5	2116.5	-12.43	Pass

1. LTE_Band2

1.1 LTE Frequency Stability_Part22-24-27(-15 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-12.16	Pass
18900	10	16QAM	50	0	-4700	4700	-11.74	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-7.84	Pass
18900	10	16QAM	50	0	-4700	4700	-9.58	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-10.47	Pass
18900	10	16QAM	50	0	-4700	4700	-4.38	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	6.29	Pass
18900	10	16QAM	50	0	-4700	4700	-11.9	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-5.11	Pass
18900	10	16QAM	50	0	-4700	4700	-7.68	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-8.67	Pass
18900	10	16QAM	50	0	-4700	4700	-12.57	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-7.52	Pass
18900	10	16QAM	50	0	-4700	4700	-10.9	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-8.77	Pass
18900	10	16QAM	50	0	-4700	4700	-7.42	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-9.24	Pass
18900	10	16QAM	50	0	-4700	4700	-11.14	Pass

1.10 LTE Frequency Stability_Part22-24-27(55 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-12.07	Pass
18900	10	16QAM	50	0	-4700	4700	-12.22	Pass

1.11 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-7.61	Pass
18900	10	16QAM	50	0	-4700	4700	-7.9	Pass

1.12 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-7.64	Pass
18900	10	16QAM	50	0	-4700	4700	-10.29	Pass

2. LTE_Band4

2.1 LTE Frequency Stability_Part22-24-27(-15 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-4.91	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-1.29	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-12.36	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-6.34	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-10.26	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-6.31	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-6.29	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-6.49	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-5.38	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-3.72	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-8.5	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-12.16	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	20.56	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-5.99	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-8.08	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-3.68	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-5.74	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-4.94	Pass

2.10 LTE Frequency Stability_Part22-24-27(55 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-3.03	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-2.53	Pass

2.11 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-5.48	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-7.02	Pass

2.12 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-6.08	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	-7.81	Pass

3. LTE_Band5

3.1 LTE Frequency Stability_Part22-24-27(-15 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-5.85	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-5.24	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-5.75	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-5.02	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-5.31	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-2.6	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-7.08	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-3.09	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-5.29	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-7.61	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-3.88	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-4.99	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-4.41	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-4.76	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-9.08	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-7.7	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-4.59	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-8.4	Pass

3.10 LTE Frequency Stability_Part22-24-27(55 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-8.9	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-3.79	Pass

3.11 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-5.78	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-4.25	Pass

3.12 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-8.74	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-1.2	Pass

4. LTE_Band7

4.1 LTE Frequency Stability_Part22-24-27(-15 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-0.19	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-2.53	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-15.13	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-3.08	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	0.34	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-5.26	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-3.35	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-5.42	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-6.29	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-5.81	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-14.06	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-3.99	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-8.7	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	6.54	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-4.85	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	2.76	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	4.52	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	0.49	Pass

4.10 LTE Frequency Stability_Part22-24-27(55 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-4.58	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-7.07	Pass

4.11 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	-6.77	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-9.5	Pass

4.12 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
21100	10	QPSK	50	0	-6337.5	6337.5	10.5	Pass
21100	10	16QAM	50	0	-6337.5	6337.5	-3.03	Pass

5. LTE_Band12

5.1 LTE Frequency Stability_Part22-24-27(-15 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-5.41	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-5.74	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-5.42	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-1.72	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-10.47	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-5.45	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-6.24	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-9	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-3.79	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-3.68	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-7.52	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-6.08	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-8.17	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-5.72	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-5.76	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-3.85	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-10.44	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-12.15	Pass

5.10 LTE Frequency Stability_Part22-24-27(55 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-9	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-8.33	Pass

5.11 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-7.61	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-6.15	Pass

5.12 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-8.98	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	-8.74	Pass

6. LTE_Band17

6.1 LTE Frequency Stability_Part22-24-27(-15 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-4.13	Pass
23790	10	16QAM	50	0	-1775	1775	-4.86	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-4.48	Pass
23790	10	16QAM	50	0	-1775	1775	-5.14	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-6.29	Pass
23790	10	16QAM	50	0	-1775	1775	-4.21	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-4.03	Pass
23790	10	16QAM	50	0	-1775	1775	-7.62	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-6.31	Pass
23790	10	16QAM	50	0	-1775	1775	-4.76	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-6.14	Pass
23790	10	16QAM	50	0	-1775	1775	-1.2	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-4.11	Pass
23790	10	16QAM	50	0	-1775	1775	-8.25	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-6.17	Pass
23790	10	16QAM	50	0	-1775	1775	-6.05	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-3.05	Pass
23790	10	16QAM	50	0	-1775	1775	-7.97	Pass

6.10 LTE Frequency Stability_Part22-24-27(55 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-6.91	Pass
23790	10	16QAM	50	0	-1775	1775	-6.18	Pass

6.11 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-8.14	Pass
23790	10	16QAM	50	0	-1775	1775	-3.3	Pass

6.12 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-3.89	Pass
23790	10	16QAM	50	0	-1775	1775	-0.93	Pass

7. LTE_Band38

7.1 LTE Frequency Stability_Part22-24-27(-15 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-4.99	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-3.2	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-10.43	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-10.77	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-6.27	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-7.67	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-11.1	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-3.66	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-3.12	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-3.59	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-9.26	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-12.82	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-21.62	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-25.32	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-5.25	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-8.74	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-3.36	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-3.73	Pass

7.10 LTE Frequency Stability_Part22-24-27(55 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-15.08	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-11.79	Pass

7.11 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-8.37	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-6.17	Pass

7.12 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
38000	10	QPSK	50	0	-6487.5	6487.5	-9.81	Pass
38000	10	16QAM	50	0	-6487.5	6487.5	-9.74	Pass

8. LTE_Band41 120M

8.1 LTE Frequency Stability_Part22-24-27(-15 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40640	10	QPSK	50	0	-6487.5	6487.5	-8.91	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	-3.33	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40640	10	QPSK	50	0	-6487.5	6487.5	-15.68	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	-19.77	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40640	10	QPSK	50	0	-6487.5	6487.5	-14.65	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	-20.73	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40640	10	QPSK	50	0	-6487.5	6487.5	-13.33	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	-16.32	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40640	10	QPSK	50	0	-6487.5	6487.5	-10.5	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	-8.87	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40640	10	QPSK	50	0	-6487.5	6487.5	-14.36	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	-12.13	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40640	10	QPSK	50	0	-6487.5	6487.5	-9.43	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	-11.1	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40640	10	QPSK	50	0	-6487.5	6487.5	-23.3	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	-8.7	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40640	10	QPSK	50	0	-6487.5	6487.5	-15.71	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	-19.05	Pass

8.10 LTE Frequency Stability_Part22-24-27(55 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40640	10	QPSK	50	0	-6487.5	6487.5	-23.52	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	-11.99	Pass

8.11 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40640	10	QPSK	50	0	-6487.5	6487.5	-12.07	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	-19.13	Pass

8.12 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40640	10	QPSK	50	0	-6487.5	6487.5	-16.64	Pass
40640	10	16QAM	50	0	-6487.5	6487.5	-11.5	Pass

9. LTE_Band66

9.1 LTE Frequency Stability_Part22-24-27(-15 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-6.77	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-8.63	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-8.78	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-8.74	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-6.55	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-5.12	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-7.95	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-3.02	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-4.68	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-6.38	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-5.51	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-3.39	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-5.81	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-2.06	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-1.73	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-8.68	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-6.24	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-6.77	Pass

9.10 LTE Frequency Stability_Part22-24-27(55 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-3.89	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-4.36	Pass

9.11 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-4.19	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-3.02	Pass

9.12 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-3.92	Pass
132322	10	16QAM	50	0	-4362.5	4362.5	-4.19	Pass