

Frequency Stability

LTE

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	1.5	±4700	Pass
	-20	0.49		
	-10	-0.51		
	0	2.07		
	+10	-1.13		
	+20	0.24		
	+25	-1.52		
	+30	-0.01		
	+40	0.79		
	+50	-0.36		
4.3	+25	0.87	±4700	Pass
3.3	+25	-1.34		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-1.12	±4700	Pass
	-20	-1.09		
	-10	-2.05		
	0	-1.22		
	+10	0.31		
	+20	-1.47		
	+25	-1.09		
	+30	0.72		
	+40	-1.63		
	+50	-0.89		
4.3	+25	0.19	±4700	Pass
3.3	+25	0.7		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	0.47	±4331.25	Pass
	-20	-0.89		
	-10	-0.99		
	0	0		
	+10	-1.59		
	+20	0.56		
	+25	-2.32		
	+30	-1.3		
	+40	0.1		
	+50	1.1		
4.3	+25	-1.67		
3.3	+25	0.26		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-1.26	±4331.25	Pass
	-20	-2.66		
	-10	-1.46		
	0	-0.77		
	+10	-1.34		
	+20	-0.89		
	+25	-1.14		
	+30	0.66		
	+40	-0.33		
	+50	-2.52		
4.3	+25	0		
3.3	+25	0.01		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-0.77	±2091.25	Pass
	-20	0.23		
	-10	-0.26		
	0	-0.21		
	+10	-0.23		
	+20	-0.3		
	+25	-0.79		
	+30	0.34		
	+40	0.79		
	+50	-0.17		
4.3	+25	-0.39	±2091.25	Pass
3.3	+25	-0.17		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-0.3	±2091.25	Pass
	-20	-0.6		
	-10	-0.2		
	0	0.37		
	+10	-0.5		
	+20	0.23		
	+25	-0.07		
	+30	-0.82		
	+40	-0.31		
	+50	-0.8		
4.3	+25	-0.26	±2091.25	Pass
3.3	+25	-0.86		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-1.19	±1768.75	Pass
	-20	-1.37		
	-10	-0.82		
	0	-0.86		
	+10	-0.19		
	+20	-0.51		
	+25	-0.89		
	+30	-0.43		
	+40	-0.67		
	+50	-0.94		
4.3	+25	-0.87		
3.3	+25	-0.63		

LTE Band 12 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	0.36	±1768.75	Pass
	-20	-0.57		
	-10	0.07		
	0	0.04		
	+10	-0.39		
	+20	-0.53		
	+25	-0.33		
	+30	-1.44		
	+40	-0.53		
	+50	0.54		
4.3	+25	0.57		
3.3	+25	0.04		

LTE Band 13 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-1.65	±1955	Pass
	-20	-0.79		
	-10	-1.46		
	0	-1.54		
	+10	-2.15		
	+20	-0.92		
	+25	0		
	+30	-1.27		
	+40	-0.86		
	+50	-0.19		
4.3	+25	-1.23	±1955	Pass
3.3	+25	-0.6		

LTE Band 13 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-1.22	±1955	Pass
	-20	-1.2		
	-10	-0.62		
	0	-0.89		
	+10	-0.6		
	+20	-1.54		
	+25	-1.23		
	+30	-0.72		
	+40	-0.4		
	+50	-0.36		
4.3	+25	-0.19	±1955	Pass
3.3	+25	0		

LTE Band 14 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 793 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	0.29	±1982.5	Pass
	-20	0.09		
	-10	-0.03		
	0	0.29		
	+10	-0.2		
	+20	-0.51		
	+25	-0.59		
	+30	-1.24		
	+40	-0.16		
	+50	-0.56		
4.3	+25	-0.74		
3.3	+25	0.31		

LTE Band 14 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 793 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-0.44	1982.5	Pass
	-20	0.34		
	-10	0.62		
	0	-1.06		
	+10	-0.04		
	+20	0.14		
	+25	-0.13		
	+30	-0.27		
	+40	0.43		
	+50	-0.27		
4.3	+25	0.51		
3.3	+25	0.34		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-1.22	±1775	Pass
	-20	-1.24		
	-10	-1		
	0	-1.13		
	+10	-1.24		
	+20	-1.46		
	+25	-1.19		
	+30	-1.07		
	+40	-0.87		
	+50	-0.99		
4.3	+25	-1.9		
3.3	+25	-0.66		

LTE Band 17 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-0.07	±1775	Pass
	-20	-0.21		
	-10	-1.19		
	0	-0.3		
	+10	-0.23		
	+20	0.17		
	+25	-0.57		
	+30	0.19		
	+40	-1.17		
	+50	-0.44		
4.3	+25	-0.37		
3.3	+25	-0.41		

LTE Band 25 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1882.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	4.56	±4706.25	Pass
	-20	-1.14		
	-10	-3.22		
	0	-2.39		
	+10	-2.56		
	+20	-2.99		
	+25	-0.77		
	+30	-1.86		
	+40	-0.44		
	+50	-1.44		
4.3	+25	-0.44		
3.3	+25	-0.43		

LTE Band 25 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1882.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-2.42	±4706.25	Pass
	-20	-4.46		
	-10	-2.75		
	0	-0.56		
	+10	-1.67		
	+20	-1.76		
	+25	-2.32		
	+30	-2.16		
	+40	-0.6		
	+50	-1.86		
4.3	+25	-1.02		
3.3	+25	-2.46		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	0.8	±4362.5	Pass
	-20	-0.31		
	-10	-1.13		
	0	-1.57		
	+10	-1.65		
	+20	-1.96		
	+25	-1.63		
	+30	0		
	+40	0.23		
	+50	0.76		
4.3	+25	-1.07		
3.3	+25	-1.22		

LTE Band 66 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-0.51	±4362.5	Pass
	-20	-1.85		
	-10	-2.23		
	0	0.13		
	+10	-0.33		
	+20	0.92		
	+25	-0.8		
	+30	-0.59		
	+40	0.87		
	+50	-1.22		
4.3	+25	-0.43		
3.3	+25	1.49		

LTE Band 71 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 680.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	0.2	±1701.25	Pass
	-20	0.07		
	-10	-0.33		
	0	0.3		
	+10	-0.04		
	+20	-1.04		
	+25	-0.93		
	+30	-0.66		
	+40	-0.6		
	+50	-0.5		
4.3	+25	0.47		
3.3	+25	0.33		

LTE Band 71 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 680.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-0.83	±1701.25	Pass
	-20	-0.57		
	-10	-1.03		
	0	-0.54		
	+10	-0.44		
	+20	-0.54		
	+25	-0.3		
	+30	-0.23		
	+40	-1.22		
	+50	-0.43		
4.3	+25	-1.12		
3.3	+25	-0.17		

LTE Band 26(part22) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	0.86	±2091.25	Pass
	-20	-0.53		
	-10	-0.63		
	0	-0.89		
	+10	-0.74		
	+20	-0.5		
	+25	-1.12		
	+30	-0.59		
	+40	0.16		
	+50	-0.17		
4.3	+25	-0.34		
3.3	+25	-0.41		

LTE Band 26(part22) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-0.44	±2091.25	Pass
	-20	-0.77		
	-10	-0.29		
	0	-0.92		
	+10	-1.09		
	+20	-0.94		
	+25	-0.06		
	+30	-0.41		
	+40	0.09		
	+50	0.73		
4.3	+25	0.37		
3.3	+25	0.29		

LTE Band 26(part90) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-0.03	±2047.5	Pass
	-20	-0.37		
	-10	-1.53		
	0	-1.85		
	+10	-1.3		
	+20	-1.27		
	+25	-0.76		
	+30	-0.9		
	+40	-1.14		
	+50	0.51		
4.3	+25	-0.57		
3.3	+25	-0.06		

LTE Band 26(part90) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-1.37	±2047.5	Pass
	-20	-0.99		
	-10	-1.56		
	0	-0.74		
	+10	-1.57		
	+20	-1.14		
	+25	-0.31		
	+30	-1.37		
	+40	-1.63		
	+50	-0.53		
4.3	+25	-0.74		
3.3	+25	-0.84		

1. LTE_Band2

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	1.5	Pass
18900	10	16QAM	27	0	-4700	4700	-1.12	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	0.49	Pass
18900	10	16QAM	27	0	-4700	4700	-1.09	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-0.51	Pass
18900	10	16QAM	27	0	-4700	4700	-2.05	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	2.07	Pass
18900	10	16QAM	27	0	-4700	4700	-1.22	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-1.13	Pass
18900	10	16QAM	27	0	-4700	4700	0.31	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	0.24	Pass
18900	10	16QAM	27	0	-4700	4700	-1.47	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-1.52	Pass
18900	10	16QAM	27	0	-4700	4700	-1.09	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-0.01	Pass
18900	10	16QAM	27	0	-4700	4700	0.72	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	0.79	Pass
18900	10	16QAM	27	0	-4700	4700	-1.63	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
18900	10	QPSK	50	0	-4700	4700	-0.36	Pass
18900	10	16QAM	27	0	-4700	4700	-0.89	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	0.87	Pass
18900	10	16QAM	27	0	-4700	4700	0.19	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	-1.34	Pass
18900	10	16QAM	27	0	-4700	4700	0.7	Pass

2. LTE_Band4

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	0.47	Pass
20175	10	16QAM	27	0	-4331.25	4331.25	-1.26	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-0.89	Pass
20175	10	16QAM	27	0	-4331.25	4331.25	-2.66	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-0.99	Pass
20175	10	16QAM	27	0	-4331.25	4331.25	-1.46	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	0	Pass
20175	10	16QAM	27	0	-4331.25	4331.25	-0.77	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-1.59	Pass
20175	10	16QAM	27	0	-4331.25	4331.25	-1.34	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	0.56	Pass
20175	10	16QAM	27	0	-4331.25	4331.25	-0.89	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-2.32	Pass
20175	10	16QAM	27	0	-4331.25	4331.25	-1.14	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	-1.3	Pass
20175	10	16QAM	27	0	-4331.25	4331.25	0.66	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	0.1	Pass
20175	10	16QAM	27	0	-4331.25	4331.25	-0.33	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	1.1	Pass
20175	10	16QAM	27	0	-4331.25	4331.25	-2.52	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	-1.67	Pass
20175	10	16QAM	27	0	-4331.25	4331.25	0	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	0.26	Pass
20175	10	16QAM	27	0	-4331.25	4331.25	0.01	Pass

3. LTE_Band5

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-0.77	Pass
20525	10	16QAM	27	0	-2091.25	2091.25	-0.3	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	0.23	Pass
20525	10	16QAM	27	0	-2091.25	2091.25	-0.6	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-0.26	Pass
20525	10	16QAM	27	0	-2091.25	2091.25	-0.2	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-0.21	Pass
20525	10	16QAM	27	0	-2091.25	2091.25	0.37	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-0.23	Pass
20525	10	16QAM	27	0	-2091.25	2091.25	-0.5	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-0.3	Pass
20525	10	16QAM	27	0	-2091.25	2091.25	0.23	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-0.79	Pass
20525	10	16QAM	27	0	-2091.25	2091.25	-0.07	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	0.34	Pass
20525	10	16QAM	27	0	-2091.25	2091.25	-0.82	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	0.79	Pass
20525	10	16QAM	27	0	-2091.25	2091.25	-0.31	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	-0.17	Pass
20525	10	16QAM	27	0	-2091.25	2091.25	-0.8	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	-0.39	Pass
20525	10	16QAM	27	0	-2091.25	2091.25	-0.26	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	-0.17	Pass
20525	10	16QAM	27	0	-2091.25	2091.25	-0.86	Pass

4. LTE_Band12

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-1.19	Pass
23095	10	16QAM	27	0	-1768.75	1768.75	0.36	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-1.37	Pass
23095	10	16QAM	27	0	-1768.75	1768.75	-0.57	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.82	Pass
23095	10	16QAM	27	0	-1768.75	1768.75	0.07	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.86	Pass
23095	10	16QAM	27	0	-1768.75	1768.75	0.04	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.19	Pass
23095	10	16QAM	27	0	-1768.75	1768.75	-0.39	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.51	Pass
23095	10	16QAM	27	0	-1768.75	1768.75	-0.53	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.89	Pass
23095	10	16QAM	27	0	-1768.75	1768.75	-0.33	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.43	Pass
23095	10	16QAM	27	0	-1768.75	1768.75	-1.44	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.67	Pass
23095	10	16QAM	27	0	-1768.75	1768.75	-0.53	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	-0.94	Pass
23095	10	16QAM	27	0	-1768.75	1768.75	0.54	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
23095	10	QPSK	50	0	-1768.75	1768.75	-0.87	Pass
23095	10	16QAM	27	0	-1768.75	1768.75	0.57	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
23095	10	QPSK	50	0	-1768.75	1768.75	-0.63	Pass
23095	10	16QAM	27	0	-1768.75	1768.75	0.04	Pass

5. LTE_Band13

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-1.65	Pass
23230	10	16QAM	27	0	-1955	1955	-1.22	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-0.79	Pass
23230	10	16QAM	27	0	-1955	1955	-1.2	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-1.46	Pass
23230	10	16QAM	27	0	-1955	1955	-0.62	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-1.54	Pass
23230	10	16QAM	27	0	-1955	1955	-0.89	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-2.15	Pass
23230	10	16QAM	27	0	-1955	1955	-0.6	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-0.92	Pass
23230	10	16QAM	27	0	-1955	1955	-1.54	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	0	Pass
23230	10	16QAM	27	0	-1955	1955	-1.23	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-1.27	Pass
23230	10	16QAM	27	0	-1955	1955	-0.72	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-0.86	Pass
23230	10	16QAM	27	0	-1955	1955	-0.4	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	-0.19	Pass
23230	10	16QAM	27	0	-1955	1955	-0.36	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
23230	10	QPSK	50	0	-1955	1955	-1.23	Pass
23230	10	16QAM	27	0	-1955	1955	-0.19	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
23230	10	QPSK	50	0	-1955	1955	-0.6	Pass
23230	10	16QAM	27	0	-1955	1955	0	Pass

6. LTE_Band17

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-1.22	Pass
23790	10	16QAM	27	0	-1775	1775	-0.07	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-1.24	Pass
23790	10	16QAM	27	0	-1775	1775	-0.21	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-1	Pass
23790	10	16QAM	27	0	-1775	1775	-1.19	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-1.13	Pass
23790	10	16QAM	27	0	-1775	1775	-0.3	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-1.24	Pass
23790	10	16QAM	27	0	-1775	1775	-0.23	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-1.46	Pass
23790	10	16QAM	27	0	-1775	1775	0.17	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-1.19	Pass
23790	10	16QAM	27	0	-1775	1775	-0.57	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-1.07	Pass
23790	10	16QAM	27	0	-1775	1775	0.19	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-0.87	Pass
23790	10	16QAM	27	0	-1775	1775	-1.17	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	-0.99	Pass
23790	10	16QAM	27	0	-1775	1775	-0.44	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	-1.9	Pass
23790	10	16QAM	27	0	-1775	1775	-0.37	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	-0.66	Pass
23790	10	16QAM	27	0	-1775	1775	-0.41	Pass

7. LTE_Band25

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26365	10	QPSK	50	0	-4706.25	4706.25	4.56	Pass
26365	10	16QAM	27	0	-4706.25	4706.25	-2.42	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26365	10	QPSK	50	0	-4706.25	4706.25	-1.14	Pass
26365	10	16QAM	27	0	-4706.25	4706.25	-4.46	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26365	10	QPSK	50	0	-4706.25	4706.25	-3.22	Pass
26365	10	16QAM	27	0	-4706.25	4706.25	-2.75	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26365	10	QPSK	50	0	-4706.25	4706.25	-2.39	Pass
26365	10	16QAM	27	0	-4706.25	4706.25	-0.56	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26365	10	QPSK	50	0	-4706.25	4706.25	-2.56	Pass
26365	10	16QAM	27	0	-4706.25	4706.25	-1.67	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26365	10	QPSK	50	0	-4706.25	4706.25	-2.99	Pass
26365	10	16QAM	27	0	-4706.25	4706.25	-1.76	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26365	10	QPSK	50	0	-4706.25	4706.25	-0.77	Pass
26365	10	16QAM	27	0	-4706.25	4706.25	-2.32	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26365	10	QPSK	50	0	-4706.25	4706.25	-1.86	Pass
26365	10	16QAM	27	0	-4706.25	4706.25	-2.16	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26365	10	QPSK	50	0	-4706.25	4706.25	-0.44	Pass
26365	10	16QAM	27	0	-4706.25	4706.25	-0.6	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26365	10	QPSK	50	0	-4706.25	4706.25	-1.44	Pass
26365	10	16QAM	27	0	-4706.25	4706.25	-1.86	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
26365	10	QPSK	50	0	-4706.25	4706.25	-0.44	Pass
26365	10	16QAM	27	0	-4706.25	4706.25	-1.02	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
26365	10	QPSK	50	0	-4706.25	4706.25	-0.43	Pass
26365	10	16QAM	27	0	-4706.25	4706.25	-2.46	Pass

8. LTE_Band66

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	0.8	Pass
132322	10	16QAM	27	0	-4362.5	4362.5	-0.51	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-0.31	Pass
132322	10	16QAM	27	0	-4362.5	4362.5	-1.85	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-1.13	Pass
132322	10	16QAM	27	0	-4362.5	4362.5	-2.23	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-1.57	Pass
132322	10	16QAM	27	0	-4362.5	4362.5	0.13	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-1.65	Pass
132322	10	16QAM	27	0	-4362.5	4362.5	-0.33	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-1.96	Pass
132322	10	16QAM	27	0	-4362.5	4362.5	0.92	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	-1.63	Pass
132322	10	16QAM	27	0	-4362.5	4362.5	-0.8	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	0	Pass
132322	10	16QAM	27	0	-4362.5	4362.5	-0.59	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	0.23	Pass
132322	10	16QAM	27	0	-4362.5	4362.5	0.87	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
132322	10	QPSK	50	0	-4362.5	4362.5	0.76	Pass
132322	10	16QAM	27	0	-4362.5	4362.5	-1.22	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
132322	10	QPSK	50	0	-4362.5	4362.5	-1.07	Pass
132322	10	16QAM	27	0	-4362.5	4362.5	-0.43	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
132322	10	QPSK	50	0	-4362.5	4362.5	-1.22	Pass
132322	10	16QAM	27	0	-4362.5	4362.5	1.49	Pass

9. LTE_Band71

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	0	-1701.25	1701.25	0.2	Pass
133297	10	16QAM	27	0	-1701.25	1701.25	-0.83	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	0	-1701.25	1701.25	0.07	Pass
133297	10	16QAM	27	0	-1701.25	1701.25	-0.57	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	0	-1701.25	1701.25	-0.33	Pass
133297	10	16QAM	27	0	-1701.25	1701.25	-1.03	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	0	-1701.25	1701.25	0.3	Pass
133297	10	16QAM	27	0	-1701.25	1701.25	-0.54	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	0	-1701.25	1701.25	-0.04	Pass
133297	10	16QAM	27	0	-1701.25	1701.25	-0.44	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	0	-1701.25	1701.25	-1.04	Pass
133297	10	16QAM	27	0	-1701.25	1701.25	-0.54	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	0	-1701.25	1701.25	-0.93	Pass
133297	10	16QAM	27	0	-1701.25	1701.25	-0.3	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	0	-1701.25	1701.25	-0.66	Pass
133297	10	16QAM	27	0	-1701.25	1701.25	-0.23	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	0	-1701.25	1701.25	-0.6	Pass
133297	10	16QAM	27	0	-1701.25	1701.25	-1.22	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	0	-1701.25	1701.25	-0.5	Pass
133297	10	16QAM	27	0	-1701.25	1701.25	-0.43	Pass

9.11 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	0	-1701.25	1701.25	0.47	Pass
133297	10	16QAM	27	0	-1701.25	1701.25	-1.12	Pass

9.12 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
133297	10	QPSK	50	0	-1701.25	1701.25	0.33	Pass
133297	10	16QAM	27	0	-1701.25	1701.25	-0.17	Pass

10. LTE_Band26(part22)

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	0.86	Pass
26915	10	16QAM	27	0	-2091.25	2091.25	-0.44	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-0.53	Pass
26915	10	16QAM	27	0	-2091.25	2091.25	-0.77	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-0.63	Pass
26915	10	16QAM	27	0	-2091.25	2091.25	-0.29	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-0.89	Pass
26915	10	16QAM	27	0	-2091.25	2091.25	-0.92	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-0.74	Pass
26915	10	16QAM	27	0	-2091.25	2091.25	-1.09	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-0.5	Pass
26915	10	16QAM	27	0	-2091.25	2091.25	-0.94	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-1.12	Pass
26915	10	16QAM	27	0	-2091.25	2091.25	-0.06	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-0.59	Pass
26915	10	16QAM	27	0	-2091.25	2091.25	-0.41	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	0.16	Pass
26915	10	16QAM	27	0	-2091.25	2091.25	0.09	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-0.17	Pass
26915	10	16QAM	27	0	-2091.25	2091.25	0.73	Pass

10.11 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-0.34	Pass
26915	10	16QAM	27	0	-2091.25	2091.25	0.37	Pass

10.12 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	-0.41	Pass
26915	10	16QAM	27	0	-2091.25	2091.25	0.29	Pass

1. LTE_Band14

1.1 LTE Frequency Stability_Part90(-30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	0.29	Pass
23330	10	16QAM	27	0	-1982.5	1982.5	-0.44	Pass

1.2 LTE Frequency Stability_Part90(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	0.09	Pass
23330	10	16QAM	27	0	-1982.5	1982.5	0.34	Pass

1.3 LTE Frequency Stability_Part90(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	-0.03	Pass
23330	10	16QAM	27	0	-1982.5	1982.5	0.62	Pass

1.4 LTE Frequency Stability_Part90(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	0.29	Pass
23330	10	16QAM	27	0	-1982.5	1982.5	-1.06	Pass

1.5 LTE Frequency Stability_Part90(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	-0.2	Pass
23330	10	16QAM	27	0	-1982.5	1982.5	-0.04	Pass

1.6 LTE Frequency Stability_Part90(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	-0.51	Pass
23330	10	16QAM	27	0	-1982.5	1982.5	0.14	Pass

1.7 LTE Frequency Stability_Part90(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	-0.59	Pass
23330	10	16QAM	27	0	-1982.5	1982.5	-0.13	Pass

1.8 LTE Frequency Stability_Part90(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	-1.24	Pass
23330	10	16QAM	27	0	-1982.5	1982.5	-0.27	Pass

1.9 LTE Frequency Stability_Part90(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	-0.16	Pass
23330	10	16QAM	27	0	-1982.5	1982.5	0.43	Pass

1.10 LTE Frequency Stability_Part90(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	-0.56	Pass
23330	10	16QAM	27	0	-1982.5	1982.5	-0.27	Pass

1.11 LTE Frequency Stability_Part90(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	-0.74	Pass
23330	10	16QAM	27	0	-1982.5	1982.5	0.51	Pass

1.12 LTE Frequency Stability_Part90(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23330	10	QPSK	50	0	-1982.5	1982.5	0.31	Pass
23330	10	16QAM	27	0	-1982.5	1982.5	0.34	Pass

2. LTE_Band26(part90)

2.1 LTE Frequency Stability_Part90(-30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-0.03	Pass
26740	10	16QAM	27	0	-2047.5	2047.5	-1.37	Pass

2.2 LTE Frequency Stability_Part90(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-0.37	Pass
26740	10	16QAM	27	0	-2047.5	2047.5	-0.99	Pass

2.3 LTE Frequency Stability_Part90(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-1.53	Pass
26740	10	16QAM	27	0	-2047.5	2047.5	-1.56	Pass

2.4 LTE Frequency Stability_Part90(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-1.85	Pass
26740	10	16QAM	27	0	-2047.5	2047.5	-0.74	Pass

2.5 LTE Frequency Stability_Part90(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-1.3	Pass
26740	10	16QAM	27	0	-2047.5	2047.5	-1.57	Pass

2.6 LTE Frequency Stability_Part90(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-1.27	Pass
26740	10	16QAM	27	0	-2047.5	2047.5	-1.14	Pass

2.7 LTE Frequency Stability_Part90(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-0.76	Pass
26740	10	16QAM	27	0	-2047.5	2047.5	-0.31	Pass

2.8 LTE Frequency Stability_Part90(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-0.9	Pass
26740	10	16QAM	27	0	-2047.5	2047.5	-1.37	Pass

2.9 LTE Frequency Stability_Part90(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-1.14	Pass
26740	10	16QAM	27	0	-2047.5	2047.5	-1.63	Pass

2.10 LTE Frequency Stability_Part90(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	0.51	Pass
26740	10	16QAM	27	0	-2047.5	2047.5	-0.53	Pass

2.11 LTE Frequency Stability_Part90(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-0.57	Pass
26740	10	16QAM	27	0	-2047.5	2047.5	-0.74	Pass

2.12 LTE Frequency Stability_Part90(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26740	10	QPSK	50	0	-2047.5	2047.5	-0.06	Pass
26740	10	16QAM	27	0	-2047.5	2047.5	-0.84	Pass