

Frequency Stability

LTE

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	-10	2.02	±4331.25	Pass
	0	2.1		
	+10	0.57		
	+20	2.19		
	+25	2.13		
	+30	2.32		
	+40	1.24		
	+50	1.24		
4.35	+25	1.49	±4331.25	Pass
3.6	+25	1.63		

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	-10	1.4	±4331.25	Pass
	0	1.67		
	+10	2.36		
	+20	1.53		
	+25	1.44		
	+30	1.49		
	+40	1.89		
	+50	1.16		
4.35	+25	1.92	±4331.25	Pass
3.6	+25	1.17		

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	-10	0.39	±2091.25	Pass
	0	-0.03		
	+10	0.17		
	+20	-0.36		
	+25	1.36		
	+30	0.82		
	+40	0.9		
	+50	0.47		
4.35	+25	0.79		
3.6	+25	0.26		

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	-10	-0.39	±2091.25	Pass
	0	-0.36		
	+10	0.07		
	+20	8.94		
	+25	0.92		
	+30	0.4		
	+40	0.31		
	+50	0.4		
4.35	+25	-0.1	±2091.25	Pass
3.6	+25	1.26		

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	-10	1.96	±1768.75	Pass
	0	-0.21		
	+10	0.47		
	+20	1.9		
	+25	1.53		
	+30	1.82		
	+40	0.3		
	+50	0.87		
4.35	+25	0.9	±1768.75	Pass
3.6	+25	0.83		

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	-10	0.56	±1768.75	Pass
	0	1.24		
	+10	0.99		
	+20	0.21		
	+25	1.02		
	+30	1.17		
	+40	0.97		
	+50	0.51		
4.35	+25	0.5	±1768.75	Pass
3.6	+25	0.51		

LTE Band 13 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	1.34	±1955	Pass
	0	-0.23		
	+10	-1.07		
	+20	0.8		
	+25	-0.21		
	+30	0.8		
	+40	0.56		
	+50	0.33		
4.35	+25	0.43	±1955	Pass
3.6	+25	1.03		

LTE Band 13 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	0.41	±1955	Pass
	0	-0.17		
	+10	0.8		
	+20	0.04		
	+25	-0.23		
	+30	1.62		
	+40	0.8		
	+50	0.83		
4.35	+25	1.34	±1955	Pass
3.6	+25	0.66		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	1.59	±1775	Pass
	0	1.99		
	+10	1.62		
	+20	1.63		
	+25	1.53		
	+30	1.12		
	+40	1.2		
	+50	0.87		
4.35	+25	0.19		
3.6	+25	0.82		

LTE Band 17 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-10	1.43	±1775	Pass
	0	1.87		
	+10	1.49		
	+20	1.17		
	+25	0.94		
	+30	1.75		
	+40	0.94		
	+50	1.44		
4.35	+25	0.39		
3.6	+25	0.09		

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	-10	0.26	±2091.25	Pass
	0	-0.19		
	+10	0.62		
	+20	1.03		
	+25	0.73		
	+30	1.17		
	+40	1.49		
	+50	1.2		
4.35	+25	1.96	±2091.25	Pass
3.6	+25	2.88		

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	-10	-0.23	±2091.25	Pass
	0	-0.76		
	+10	0.47		
	+20	0.44		
	+25	0.62		
	+30	1.16		
	+40	1.82		
	+50	1.62		
4.35	+25	2.07	±2091.25	Pass
3.6	+25	2.53		

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	-10	-0.27	±2047.5	Pass
	0	-1.19		
	+10	-0.83		
	+20	-0.44		
	+25	-0.8		
	+30	-1.53		
	+40	-0.31		
	+50	-0.16		
4.35	+25	0.14	±2047.5	Pass
3.6	+25	-0.64		

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	-10	-0.82	±2047.5	Pass
	0	-0.2		
	+10	-1.97		
	+20	-0.43		
	+25	-0.82		
	+30	-0.86		
	+40	-0.59		
	+50	0.11		
4.35	+25	-0.2	±2047.5	Pass
3.6	+25	0		

1. LTE_Band4

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	2.02	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	1.4	Pass

1.2 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	2.1	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	1.67	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
20175	10	QPSK	50	0	-4331.25	4331.25	0.57	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	2.36	Pass

1.4 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	2.19	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	1.53	Pass

1.5 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	2.13	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	1.44	Pass

1.6 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	2.32	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	1.49	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	1.24	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	1.89	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	1.24	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	1.16	Pass

1.9 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	1.49	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	1.92	Pass

1.10 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20175	10	QPSK	50	0	-4331.25	4331.25	1.63	Pass
20175	10	16QAM	50	0	-4331.25	4331.25	1.17	Pass

2. LTE_Band5

2.1 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	0.39	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-0.39	Pass

2.2 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	-0.03	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-0.36	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
20525	10	QPSK	50	0	-2091.25	2091.25	0.17	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	0.07	Pass

2.4 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	-0.36	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	8.94	Pass

2.5 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	1.36	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	0.92	Pass

2.6 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	0.82	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	0.4	Pass

2.7 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	0.9	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	0.31	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	0.47	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	0.4	Pass

2.9 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	0.79	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	-0.1	Pass

2.10 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20525	10	QPSK	50	0	-2091.25	2091.25	0.26	Pass
20525	10	16QAM	50	0	-2091.25	2091.25	1.26	Pass

3. LTE_Band12

3.1 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	1.96	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	0.56	Pass

3.2 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	-0.21	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	1.24	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
23095	10	QPSK	50	0	-1768.75	1768.75	0.47	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	0.99	Pass

3.4 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	1.9	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	0.21	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	1.53	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	1.02	Pass

3.6 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	1.82	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	1.17	Pass

3.7 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	0.3	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	0.97	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	0.87	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	0.51	Pass

3.9 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	0.9	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	0.5	Pass

3.10 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23095	10	QPSK	50	0	-1768.75	1768.75	0.83	Pass
23095	10	16QAM	50	0	-1768.75	1768.75	0.51	Pass

4. LTE_Band13

4.1 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	1.34	Pass
23230	10	16QAM	50	0	-1955	1955	0.41	Pass

4.2 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	-0.23	Pass
23230	10	16QAM	50	0	-1955	1955	-0.17	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
23230	10	QPSK	50	0	-1955	1955	-1.07	Pass
23230	10	16QAM	50	0	-1955	1955	0.8	Pass

4.4 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	0.8	Pass
23230	10	16QAM	50	0	-1955	1955	0.04	Pass

4.5 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	-0.21	Pass
23230	10	16QAM	50	0	-1955	1955	-0.23	Pass

4.6 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	0.8	Pass
23230	10	16QAM	50	0	-1955	1955	1.62	Pass

4.7 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	0.56	Pass
23230	10	16QAM	50	0	-1955	1955	0.8	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	0.33	Pass
23230	10	16QAM	50	0	-1955	1955	0.83	Pass

4.9 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	0.43	Pass
23230	10	16QAM	50	0	-1955	1955	1.34	Pass

4.10 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23230	10	QPSK	50	0	-1955	1955	1.03	Pass
23230	10	16QAM	50	0	-1955	1955	0.66	Pass

5. LTE_Band17

5.1 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	1.59	Pass
23790	10	16QAM	50	0	-1775	1775	1.43	Pass

5.2 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	1.99	Pass
23790	10	16QAM	50	0	-1775	1775	1.87	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
23790	10	QPSK	50	0	-1775	1775	1.62	Pass
23790	10	16QAM	50	0	-1775	1775	1.49	Pass

5.4 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	1.63	Pass
23790	10	16QAM	50	0	-1775	1775	1.17	Pass

5.5 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	1.53	Pass
23790	10	16QAM	50	0	-1775	1775	0.94	Pass

5.6 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	1.12	Pass
23790	10	16QAM	50	0	-1775	1775	1.75	Pass

5.7 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	1.2	Pass
23790	10	16QAM	50	0	-1775	1775	0.94	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	0.87	Pass
23790	10	16QAM	50	0	-1775	1775	1.44	Pass

5.9 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	0.19	Pass
23790	10	16QAM	50	0	-1775	1775	0.39	Pass

5.10 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
23790	10	QPSK	50	0	-1775	1775	0.82	Pass
23790	10	16QAM	50	0	-1775	1775	0.09	Pass

6. LTE_Band26(part22)

6.1 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	0.26	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-0.23	Pass

6.2 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	-0.19	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	-0.76	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
26915	10	QPSK	50	0	-2091.25	2091.25	0.62	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	0.47	Pass

6.4 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	1.03	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	0.44	Pass

6.5 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	0.73	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	0.62	Pass

6.6 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	1.17	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	1.16	Pass

6.7 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	1.49	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	1.82	Pass

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

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	1.2	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	1.62	Pass

6.9 LTE Frequency Stability_Part22-24-27(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	1.96	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	2.07	Pass

6.10 LTE Frequency Stability_Part22-24-27(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
26915	10	QPSK	50	0	-2091.25	2091.25	2.88	Pass
26915	10	16QAM	50	0	-2091.25	2091.25	2.53	Pass

1. LTE_Band26(part90)

1.1 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	-0.27	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-0.82	Pass

1.2 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	-1.19	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-0.2	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
26740	10	QPSK	50	0	-2047.5	2047.5	-0.83	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-1.97	Pass

1.4 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	-0.44	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-0.43	Pass

1.5 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	-0.8	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-0.82	Pass

1.6 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	-1.53	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-0.86	Pass

1.7 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	-0.31	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-0.59	Pass

1.8 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	-0.16	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	0.11	Pass

1.9 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	0.14	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	-0.2	Pass

1.10 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	-0.64	Pass
26740	10	16QAM	50	0	-2047.5	2047.5	0	Pass

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