Frequency Stability

GSM

GSM 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-10	5.36	±2060.5	4.16	±2091.5	-7.1	±2122	Pass
	0	-5.33		6.1		9.75		
	+10	-3.97		4.55		4.16		
	+20	-6.55		-9.52		7.3		
	+25	7.33		8.43		-4.46		
	+30	2.97		7.49		-5.62		
	+40	-4.94		5.13		-5.91		
	+50	9.75		6.84		-5.42		
4.53	+25	-4.36		10.17		5.91		
3.45	+25	8.2		8.78		-5.68		

GSM 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-10	6.52	±4625.5	11.43	±4700.0	7.26	±4774.5	Pass
	0	10.94		10.01		5.65		
	+10	10.36		9.1		5.23		
	+20	-7.65		7.07		-6.97		
	+25	10.53		8.94		6.81		
	+30	8.88		13.46		-6.97		
	+40	5.65		12.4		5.84		
	+50	-9.33		16.08		-5.94		
4.53	+25	7.46		8.52		8.33		
3.45	+25	8.36		9.23		-10.17		

GPRS

GPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-10	-3.91	±2060.5	-2.97	±2091.5	-10.11	±2122	Pass
	0	-6.62		-4.29		-5.71		
	+10	2.55		-5.49		-8.14		
	+20	-4.94		-5.2		-9.2		
	+25	-7.23		-8.04		-5.68		
	+30	-5.36		-7.26		-3.26		
	+40	-6.88		-6.33		-6.62		
	+50	-7.3		-5.36		-4.55		
4.53	+25	-6.3		-7.3		-5.17		
3.45	+25	-9.27		-7.14		-5.97		

GPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-10	-5.81	±4625.5	-12.91	±4700.0	-7.72	±4774.5	Pass
	0	-12.66		-12.4		-10.53		
	+10	-6.65		-10.17		-9.81		
	+20	-10.82		-12.72		-12.07		
	+25	-10.56		-8.85		-5.68		
	+30	-13.53		-11.46		-11.43		
	+40	-11.88		-10.4		-9.91		
	+50	-13.82		-10.07		-9.94		
4.53	+25	-13.33		-12.07		-10.17		
3.45	+25	-13.88		-10.04		-11.27		

EGPRS

EGPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-10	-8.46	±2060.5	-7.46	±2091.5	-5.46	±2122	Pass
	0	-7.43		-9.78		-7.97		
	+10	-8.36		-11.36		-9.62		
	+20	-10.01		-8.52		-8.88		
	+25	-9.75		-9.04		-5.65		
	+30	-7.78		-8.36		-7.01		
	+40	-8.81		-9.65		-11.11		
	+50	-7.14		-11.43		-8.68		
4.53	+25	-10.3		-7.26		-5.17		
3.45	+25	-8.07		-9.01		-8.94		

EGPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-10	-6.91	±4625.5	-11.85	±4700.0	-17.01	±4774.5	Pass
	0	-9.17		-14.72		-8.59		
	+10	-9.91		-16.5		-13.33		
	+20	-10.07		-14.92		-13.69		
	+25	-13.08		-12.33		-10.04		
	+30	-11.04		-16.14		10.82		
	+40	-12.62		-17.14		-10.78		
	+50	-9.36		-9.62		-14.01		
4.53	+25	-13.04		-16.53		-11.95		
3.45	+25	-10.72		-13.62		-12.53		

WCDMA

WCDMA Band 2

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1852.4 MHz		MCH 1880 MHz		HCH 1907.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-10	3.09	±4631	0.27	±4700	5.25	±4769	Pass
	0	4.27		1.87		4.92		
	+10	4.84		1.19		4.54		
	+20	4.73		5.54		5.17		
	+25	2.33		-0.02		3.45		
	+30	1.67		2.78		3.82		
	+40	3.09		6.87		2.9		
	+50	1.19		1.33		1.5		
4.53	+25	3.36		3.05		4.96		
3.45	+25	5.16		4.83		0.57		

WCDMA Band 4

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1712.4 MHz		MCH 1732.4 MHz		HCH 1752.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-10	2.45	±4281	2.16	±4331	-0.97	±4381.5	Pass
	0	5.08		1.29		-3.06		
	+10	4.96		1.08		1.1		
	+20	2.94		1.44		-3.8		
	+25	2.12		-1.58		-2.15		
	+30	3.66		2.73		-2.93		
	+40	2.55		0.71		-0.31		
	+50	1.4		1.47		-3.44		
4.53	+25	0.65		2.51		-4.78		
3.45	+25	1.37		1.52		-4.38		

WCDMA Band B5

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 826.4 MHz		MCH 836.4 MHz		HCH 846.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.92	-10	0.56	±2066	1.7	±2091	0.04	±2116.5	Pass
	0	-0.13		1.75		-0.54		
	+10	0.24		1.28		-0.67		
	+20	-0.45		1.69		-0.99		
	+25	-0.37		2.22		1.34		
	+30	-1.29		0.52		-0.69		
	+40	-0.7		1.91		-0.53		
	+50	0.38		2.32		0.36		
4.53	+25	-0.42		2.96		-0.72		
3.45	+25	-1.39		2.83		-1.65		

LTE

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	0.59	±4700	Pass
	0	5.02		
	+10	-0.03		
	+20	-0.67		
	+25	4.22		
	+30	1.03		
	+40	7.21		
	+50	2.4		
4.53	+25	-0.47		
3.45	+25	1.76		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	3.62	±4700	Pass
	0	-2.99		
	+10	0.39		
	+20	-1.06		
	+25	-1.13		
	+30	6.74		
	+40	0.56		
	+50	8.54		
4.53	+25	7.37		
3.45	+25	2.55		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	3.41	±4331.25	Pass
	0	2.36		
	+10	5.26		
	+20	11.01		
	+25	-7.27		
	+30	2.53		
	+40	-5.58		
	+50	-0.59		
4.53	+25	2.8		
3.45	+25	2.7		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	2.15	±4331.25	Pass
	0	-2.66		
	+10	-7.78		
	+20	0.26		
	+25	-2.37		
	+30	-2.6		
	+40	-3.38		
	+50	-10.87		
4.53	+25	0.29		
3.45	+25	-7.81		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-4.59	±2091.25	Pass
	0	-5.29		
	+10	-4.81		
	+20	-0.36		
	+25	-6.25		
	+30	-1.59		
	+40	-3.28		
	+50	-3.85		
4.53	+25	-4.85		
3.45	+25	-4.88		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-0.94	±2091.25	Pass
	0	-4.16		
	+10	-1.57		
	+20	-2.23		
	+25	-1.23		
	+30	-3.72		
	+40	-4.76		
	+50	-4.48		
4.53	+25	-4.61		
3.45	+25	-4.08		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	4.56	±6337.5	Pass
	0	6.07		
	+10	7.5		
	+20	5.97		
	+25	2.26		
	+30	5.44		
	+40	0.09		
	+50	-0.69		
4.53	+25	2.1		
3.45	+25	6.64		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	7.38	±6337.5	Pass
	0	9.78		
	+10	-12.72		
	+20	1.73		
	+25	6.71		
	+30	10.79		
	+40	4.38		
	+50	-1.66		
4.53	+25	-7.81		
3.45	+25	9.64		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-1.26	±1768.75	Pass
	0	1.32		
	+10	-1.62		
	+20	-1		
	+25	-0.5		
	+30	-1.8		
	+40	-1.7		
	+50	0.06		
4.53	+25	-0.06		
3.45	+25	-0.66		

LTE Band 12 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-2.9	±1768.75	Pass
	0	2.03		
	+10	-0.39		
	+20	-1.49		
	+25	0.72		
	+30	2.7		
	+40	-0.01		
	+50	3.09		
4.53	+25	-6.18		
3.45	+25	-0.72		

LTE Band 13 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	3.58	±1955	Pass
	0	-1.3		
	+10	-6.57		
	+20	-1.54		
	+25	0.39		
	+30	3.83		
	+40	-5.51		
	+50	1.17		
4.53	+25	2.06		
3.45	+25	-1.34		

LTE Band 13 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-3	±1955	Pass
	0	-0.64		
	+10	1.89		
	+20	1.77		
	+25	-0.87		
	+30	-1.75		
	+40	0.19		
	+50	-3.23		
4.53	+25	2.29		
3.45	+25	-1.56		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	0.87	±1775	Pass
	0	-0.41		
	+10	-2.12		
	+20	1.3		
	+25	1.16		
	+30	0.24		
	+40	1.66		
	+50	-2.76		
4.53	+25	-0.92		
3.45	+25	3.35		

LTE Band 17 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	4.01	±1775	Pass
	0	-5.54		
	+10	-0.13		
	+20	0.9		
	+25	-0.19		
	+30	2.36		
	+40	0.93		
	+50	3.06		
4.53	+25	-0.14		
3.45	+25	-3.55		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-0.76	±6487.5	Pass
	0	-14.16		
	+10	-1.4		
	+20	-8.37		
	+25	-4.53		
	+30	-8.04		
	+40	-1.26		
	+50	2.02		
4.53	+25	-5.04		
3.45	+25	-5.48		

LTE Band 38 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-5.81	±6487.5	Pass
	0	-8.04		
	+10	-5.14		
	+20	-1.29		
	+25	-9.51		
	+30	-4.08		
	+40	-5.74		
	+50	0.83		
4.53	+25	-5.71		
3.45	+25	1.72		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-12.13	±6482.5	Pass
	0	-12.32		
	+10	-4.71		
	+20	-10.1		
	+25	-6.51		
	+30	-11.7		
	+40	-10.2		
	+50	-7.98		
4.53	+25	-9.98		
3.45	+25	0.94		

LTE Band 41 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-7.41	±6482.5	Pass
	0	-5.41		
	+10	-11.87		
	+20	-16.08		
	+25	-4.36		
	+30	-12.95		
	+40	-5.41		
	+50	3.78		
4.53	+25	-13.3		
3.45	+25	-18.27		

LTE Band 42 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3500 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-23.2	±8750	Pass
	0	-11.52		
	+10	-20.08		
	+20	-25.84		
	+25	-21.14		
	+30	-18.64		
	+40	-14.73		
	+50	-20.74		
4.53	+25	-17.92		
3.45	+25	-24.88		

LTE Band 42 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3500 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-17.41	±8750	Pass
	0	-17.44		
	+10	-14.29		
	+20	-14.46		
	+25	-11.53		
	+30	-15.38		
	+40	-19.7		
	+50	-16.61		
4.53	+25	-20.83		
3.45	+25	-20.54		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	5.49	±4362.5	Pass
	0	-0.4		
	+10	-2.2		
	+20	-1.85		
	+25	-2.27		
	+30	-3.81		
	+40	-3.99		
	+50	-6.52		
4.53	+25	-3.85		
3.45	+25	-5.51		

LTE Band 66 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	0.26	±4362.5	Pass
	0	-4.89		
	+10	-2.15		
	+20	-4.65		
	+25	-1.06		
	+30	-8.23		
	+40	-7.7		
	+50	-6.42		
4.53	+25	-1.4		
3.45	+25	-6.82		

CA

CA_7C QPSK 20MHz+10MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2530.1 MHz		SCC MCH 2544.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	1.04	±6325.25	1.3	±6361.25	Pass
	0	-0.3		-1.57		
	+10	1.9		2.7		
	+20	1.57		-4.48		
	+25	4.84		5.95		
	+30	4.23		4.29		
	+40	7.11		-0.5		
	+50	-1.59		-0.67		
4.53	+25	-3.22		-6.32		
3.45	+25	4.15		1.32		

CA_7C 16QAM 20MHz+10MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2530.1 MHz		SCC MCH 2544.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-6.38	±6325.25	-2.25	±6361.25	Pass
	0	-0.19		5.55		
	+10	1.6		-5.04		
	+20	-9.06		-4.76		
	+25	-0.2		-0.76		
	+30	2.92		2.88		
	+40	-3.19		-2.33		
	+50	0.99		-1.62		
4.53	+25	4.28		-0.51		
3.45	+25	-2.8		-5.97		

CA_7C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2525.1 MHz		SCC MCH 2544.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	0.93	±6312.75	-4.63	±6362.25	Pass
	0	-4.03		-3.35		
	+10	1.49		-2.59		
	+20	2.76		-2.53		
	+25	-5.21		-9.21		
	+30	0.51		-3.62		
	+40	2.75		2.88		
	+50	-3.88		-4.28		
4.53	+25	-3.45		-0.64		
3.45	+25	3.46		2.12		

CA_7C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2525.1 MHz		SCC MCH 2544.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-2.73	±6312.75	0.94	±6362.25	Pass
	0	4.53		-1.23		
	+10	0.63		2.26		
	+20	-3.63		0.09		
	+25	-3.55		-2.89		
	+30	2.53		1.1		
	+40	-7.15		-6.32		
	+50	-3.25		-2.42		
4.53	+25	4.79		-0.27		
3.45	+25	-9.78		1.33		

CA_38C QPSK 15MHz+15MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2587.5 MHz		SCC MCH 2602.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	1.76	±6468.75	0.76	±6506.25	Pass
	0	-5.52		-3.85		
	+10	-4.37		-4.32		
	+20	-3.31		-2.44		
	+25	-2.41		-0.47		
	+30	1.77		4.58		
	+40	-4.64		-1.76		
	+50	-4.19		-6.38		
4.53	+25	-1.69		-3.13		
3.45	+25	-9.34		-3.75		

CA_38C 16QAM 15MHz+15MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2587.5 MHz		SCC MCH 2602.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-0.7	±6468.75	-6	±6506.25	Pass
	0	3.74		3.18		
	+10	-0.4		-1.67		
	+20	6.01		8.15		
	+25	5.93		1.85		
	+30	2.48		1.83		
	+40	0.58		-0.1		
	+50	-2.08		0.26		
4.53	+25	-2.45		-1.89		
3.45	+25	-1.77		-3.62		

CA_38C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2585.1 MHz		SCC MCH 2604.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-2.71	±6462.75	-0.69	±6512.25	Pass
	0	-0.5		1.76		
	+10	-2.04		-6.31		
	+20	-5.42		-4.14		
	+25	-6.4		-6.88		
	+30	-1.63		0.71		
	+40	-3.23		-4.84		
	+50	-4.47		-2.14		
4.53	+25	-4.39		-1.19		
3.45	+25	-2.03		-3.19		

CA_38C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2585.1 MHz		SCC MCH 2604.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-2.61	±6462.75	-3.71	±6512.25	Pass
	0	-0.42		1.51		
	+10	-4.54		-4.98		
	+20	0.26		-0.3		
	+25	0.95		0.66		
	+30	-4.9		0.86		
	+40	-7.83		-1.94		
	+50	-2.34		2.29		
4.53	+25	0.14		1.22		
3.45	+25	-6.06		0.67		

CA_41C QPSK 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2590.5 MHz		SCC MCH 2602.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-4.41	±6476.25	-2.03	±6505.5	Pass
	0	-4.05		0.35		
	+10	-4.57		-5.11		
	+20	-2.06		-0.97		
	+25	-1.18		-0.81		
	+30	-2.16		-3.83		
	+40	-6.23		-11.19		
	+50	-1.97		-0.23		
4.53	+25	-4.76		-4.09		
3.45	+25	-2.99		-2.81		

CA_41C 16QAM 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2590.5 MHz		SCC MCH 2602.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-3	±6476.25	-1.8	±6505.5	Pass
	0	-3.78		-1.9		
	+10	-1.07		-3.1		
	+20	-1.04		-1.89		
	+25	-2.88		-4.62		
	+30	2.43		2.04		
	+40	3.37		3.56		
	+50	-0.8		-1.42		
4.53	+25	-1.08		-3.19		
3.45	+25	-0.36		-0.95		

CA_41C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2583.1 MHz		SCC MCH 2602.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-0.07	±6457.75	-2.56	±6507.25	Pass
	0	-1.56		-5.68		
	+10	-8.97		-3.71		
	+20	-9.22		-3.9		
	+25	-2.6		-2.18		
	+30	-7.67		-5.33		
	+40	-6.9		-5.72		
	+50	-7.67		-7		
4.53	+25	-4.56		-4.91		
3.45	+25	-5.74		-5.44		

CA_41C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2583.1 MHz		SCC MCH 2602.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-2.5	±6457.75	1.85	±6507.25	Pass
	0	-3.81		-7.27		
	+10	-2.62		-2.59		
	+20	-0.77		-8.15		
	+25	-2.36		-6.29		
	+30	-4.95		-5.86		
	+40	-3.21		-5.92		
	+50	-7.59		-7.22		
4.53	+25	-6.7		-4.53		
3.45	+25	-0.84		0.88		

CA_66C QPSK 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1752.5 MHz		SCC MCH 1764.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-0.2	±4381.25	0.3	±4410.5	Pass
	0	-3.65		-0.82		
	+10	-6.61		-1.49		
	+20	-4.49		-6.74		
	+25	-6.45		-4.48		
	+30	-1.59		-4.35		
	+40	-7.65		-4.73		
	+50	-4.41		-4.78		
4.53	+25	-4.91		-4.43		
3.45	+25	-5.34		-7.97		

CA_66C 16QAM 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1752.5 MHz		SCC MCH 1764.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-1.57	±4381.25	-6.02	±4410.5	Pass
	0	-6.27		-3.13		
	+10	-6.07		-1.29		
	+20	-3.3		-2.6		
	+25	-3.93		-2.19		
	+30	-6.61		-3.2		
	+40	-1.43		-2.9		
	+50	-1.73		-2.68		
4.53	+25	-5.16		-5.46		
3.45	+25	-4.52		-4.23		

CA_66C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1745.1 MHz		SCC MCH 1764.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-0.09	±4362.75	-3.09	±4412.25	Pass
	0	-1.97		-0.76		
	+10	-0.34		3.02		
	+20	-2.06		-2.85		
	+25	0.03		1.57		
	+30	-2.7		-4.48		
	+40	-1.26		3.08		
	+50	-2		0.23		
4.53	+25	-0.97		-0.07		
3.45	+25	-3.06		-6.29		

CA_66C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1745.1 MHz		SCC MCH 1764.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-10	-0.74	±4362.75	-2.02	±4412.25	Pass
	0	1.16		1.42		
	+10	-2.32		0.34		
	+20	-4.76		-6.02		
	+25	0.5		1.95		
	+30	-1.99		-2.3		
	+40	3.99		3.02		
	+50	-1.39		-4.11		
4.53	+25	-4.26		-2.57		
3.45	+25	-1.57		-1.86		

NR

NR Band n5 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-3.1	±2091.25	Pass
	0	-3.64		
	+10	-4.41		
	+20	-6.77		
	+25	-6.47		
	+30	-7.76		
	+40	-7.09		
	+50	-7		
4.53	+25	-6.86		
3.45	+25	-7.01		

NR Band n7 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	0.35	±6337.5	Pass
	0	0.67		
	+10	-0.46		
	+20	-2.42		
	+25	-3.95		
	+30	-4.06		
	+40	-10.09		
	+50	-10.18		
4.53	+25	-11.69		
3.45	+25	-10.24		

NR Band n12 QPSK 15 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-0.29	±1768.75	Pass
	0	-3.24		
	+10	-3.55		
	+20	-2.32		
	+25	-2.75		
	+30	-3.92		
	+40	-3.91		
	+50	-3.28		
4.53	+25	-5.41		
3.45	+25	-4.5		

NR Band n38 QPSK 40 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-2.91	±6487.5	Pass
	0	-1.76		
	+10	-3.92		
	+20	-0.27		
	+25	-0.57		
	+30	-6.85		
	+40	-2.49		
	+50	0.09		
4.53	+25	-2.39		
3.45	+25	-0.62		

NR Band n41 QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.99 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-8.2	±6482.47	Pass
	0	-8.45		
	+10	-12.56		
	+20	-8.17		
	+25	-9.52		
	+30	-8.04		
	+40	-7.28		
	+50	-8.89		
4.53	+25	-11.09		
3.45	+25	-8.42		

NR Band n66 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-0.11	±4362.5	Pass
	0	-0.78		
	+10	-2.99		
	+20	-4.83		
	+25	-7.66		
	+30	-7.26		
	+40	-6.55		
	+50	-5.03		
4.53	+25	-3.69		
3.45	+25	-3.4		

NR Band n77 (3450-3550) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3499.98 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-10.25	±8749.95	Pass
	0	-18.96		
	+10	-13.3		
	+20	-15.1		
	+25	-13.96		
	+30	-18.03		
	+40	-10.01		
	+50	-10.08		
4.53	+25	-13.47		
3.45	+25	-15.42		

NR Band n77 (3700-3980 MHz) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3840 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-20.4	±9600	Pass
	0	-5.37		
	+10	-9.12		
	+20	-5.2		
	+25	-9.41		
	+30	-5.87		
	+40	-8.14		
	+50	-7.46		
4.53	+25	-6.47		
3.45	+25	-4.3		

NR Band n78 (3450-3550 MHz) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3499.98 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-7.64	±8749.95	Pass
	0	-8.28		
	+10	-7.32		
	+20	-11.88		
	+25	-11.79		
	+30	-6.59		
	+40	-10.96		
	+50	-11.51		
4.53	+25	-11.02		
3.45	+25	-7.28		

NR Band n78 (3700-3800 MHz) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3750 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-10	-12.08	±9375	Pass
	0	-9.47		
	+10	-8.7		
	+20	-11		
	+25	-10.23		
	+30	-11.29		
	+40	-8.72		
	+50	-6.28		
4.53	+25	-13.18		
3.45	+25	-7.29		

1. GSM_PCS

1.1. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	512	0	Static	6.52	-4625.5	4625.5	Pass
-10 Degree	661	0	Static	11.43	-4700	4700	Pass
-10 Degree	810	0	Static	7.26	-4774.5	4774.5	Pass

1.2. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	512	0	Static	10.94	-4625.5	4625.5	Pass
0 Degree	661	0	Static	10.01	-4700	4700	Pass
0 Degree	810	0	Static	5.65	-4774.5	4774.5	Pass

1.3. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	512	0	Static	10.36	-4625.5	4625.5	Pass
10 Degree	661	0	Static	9.1	-4700	4700	Pass
10 Degree	810	0	Static	5.23	-4774.5	4774.5	Pass

1.4. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	512	0	Static	-7.65	-4625.5	4625.5	Pass
20 Degree	661	0	Static	7.07	-4700	4700	Pass
20 Degree	810	0	Static	-6.97	-4774.5	4774.5	Pass

1.5. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	512	0	Static	10.53	-4625.5	4625.5	Pass
25 Degree	661	0	Static	8.94	-4700	4700	Pass
25 Degree	810	0	Static	6.81	-4774.5	4774.5	Pass

1.6. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	512	0	Static	8.88	-4625.5	4625.5	Pass
30 Degree	661	0	Static	13.46	-4700	4700	Pass
30 Degree	810	0	Static	-6.97	-4774.5	4774.5	Pass

1.7. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	512	0	Static	5.65	-4625.5	4625.5	Pass
40 Degree	661	0	Static	12.4	-4700	4700	Pass
40 Degree	810	0	Static	5.84	-4774.5	4774.5	Pass

1.8. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	512	0	Static	-9.33	-4625.5	4625.5	Pass
50 Degree	661	0	Static	16.08	-4700	4700	Pass
50 Degree	810	0	Static	-5.94	-4774.5	4774.5	Pass

1.9. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	512	0	Static	7.46	-4625.5	4625.5	Pass
NTHV	661	0	Static	8.52	-4700	4700	Pass
NTHV	810	0	Static	8.33	-4774.5	4774.5	Pass

1.10. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	512	0	Static	8.36	-4625.5	4625.5	Pass
NTLV	661	0	Static	9.23	-4700	4700	Pass
NTLV	810	0	Static	-10.17	-4774.5	4774.5	Pass

2. GSM_GSM850

2.1. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	128	5	Static	5.36	-2060.5	2060.5	Pass
-10 Degree	190	5	Static	4.16	-2091.5	2091.5	Pass
-10 Degree	251	5	Static	-7.1	-2122	2122	Pass

2.2. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	128	5	Static	-5.33	-2060.5	2060.5	Pass
0 Degree	190	5	Static	6.1	-2091.5	2091.5	Pass
0 Degree	251	5	Static	9.75	-2122	2122	Pass

2.3. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	128	5	Static	-3.97	-2060.5	2060.5	Pass
10 Degree	190	5	Static	4.55	-2091.5	2091.5	Pass
10 Degree	251	5	Static	4.16	-2122	2122	Pass

2.4. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	128	5	Static	-6.55	-2060.5	2060.5	Pass
20 Degree	190	5	Static	-9.52	-2091.5	2091.5	Pass
20 Degree	251	5	Static	7.3	-2122	2122	Pass

2.5. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	128	5	Static	7.33	-2060.5	2060.5	Pass
25 Degree	190	5	Static	8.43	-2091.5	2091.5	Pass
25 Degree	251	5	Static	-4.46	-2122	2122	Pass

2.6. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	128	5	Static	2.97	-2060.5	2060.5	Pass
30 Degree	190	5	Static	7.49	-2091.5	2091.5	Pass
30 Degree	251	5	Static	-5.62	-2122	2122	Pass

2.7. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	128	5	Static	-4.94	-2060.5	2060.5	Pass
40 Degree	190	5	Static	5.13	-2091.5	2091.5	Pass
40 Degree	251	5	Static	-5.91	-2122	2122	Pass

2.8. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	128	5	Static	9.75	-2060.5	2060.5	Pass
50 Degree	190	5	Static	6.84	-2091.5	2091.5	Pass
50 Degree	251	5	Static	-5.42	-2122	2122	Pass

2.9. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	128	5	Static	-4.36	-2060.5	2060.5	Pass
NTHV	190	5	Static	10.17	-2091.5	2091.5	Pass
NTHV	251	5	Static	5.91	-2122	2122	Pass

2.10. GSM Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	128	5	Static	8.2	-2060.5	2060.5	Pass
NTLV	190	5	Static	8.78	-2091.5	2091.5	Pass
NTLV	251	5	Static	-5.68	-2122	2122	Pass

1. GPRS_PCS

1.1. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	512	0	Static	-5.81	-4625.5	4625.5	Pass
-10 Degree	661	0	Static	-12.91	-4700	4700	Pass
-10 Degree	810	0	Static	-7.72	-4774.5	4774.5	Pass

1.2. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	512	0	Static	-12.66	-4625.5	4625.5	Pass
0 Degree	661	0	Static	-12.4	-4700	4700	Pass
0 Degree	810	0	Static	-10.53	-4774.5	4774.5	Pass

1.3. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	512	0	Static	-6.65	-4625.5	4625.5	Pass
10 Degree	661	0	Static	-10.17	-4700	4700	Pass
10 Degree	810	0	Static	-9.81	-4774.5	4774.5	Pass

1.4. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	512	0	Static	-10.82	-4625.5	4625.5	Pass
20 Degree	661	0	Static	-12.72	-4700	4700	Pass
20 Degree	810	0	Static	-12.07	-4774.5	4774.5	Pass

1.5. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	512	0	Static	-10.56	-4625.5	4625.5	Pass
25 Degree	661	0	Static	-8.85	-4700	4700	Pass
25 Degree	810	0	Static	-5.68	-4774.5	4774.5	Pass

1.6. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	512	0	Static	-13.53	-4625.5	4625.5	Pass
30 Degree	661	0	Static	-11.46	-4700	4700	Pass
30 Degree	810	0	Static	-11.43	-4774.5	4774.5	Pass

1.7. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	512	0	Static	-11.88	-4625.5	4625.5	Pass
40 Degree	661	0	Static	-10.4	-4700	4700	Pass
40 Degree	810	0	Static	-9.91	-4774.5	4774.5	Pass

1.8. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	512	0	Static	-13.82	-4625.5	4625.5	Pass
50 Degree	661	0	Static	-10.07	-4700	4700	Pass
50 Degree	810	0	Static	-9.94	-4774.5	4774.5	Pass

1.9. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	512	0	Static	-13.33	-4625.5	4625.5	Pass
NTHV	661	0	Static	-12.07	-4700	4700	Pass
NTHV	810	0	Static	-10.17	-4774.5	4774.5	Pass

1.10. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	512	0	Static	-13.88	-4625.5	4625.5	Pass
NTLV	661	0	Static	-10.04	-4700	4700	Pass
NTLV	810	0	Static	-11.27	-4774.5	4774.5	Pass

2. GPRS_GSM850

2.1. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	128	5	Static	-3.91	-2060.5	2060.5	Pass
-10 Degree	190	5	Static	-2.97	-2091.5	2091.5	Pass
-10 Degree	251	5	Static	-10.11	-2122	2122	Pass

2.2. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	128	5	Static	-6.62	-2060.5	2060.5	Pass
0 Degree	190	5	Static	-4.29	-2091.5	2091.5	Pass
0 Degree	251	5	Static	-5.71	-2122	2122	Pass

2.3. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	128	5	Static	2.55	-2060.5	2060.5	Pass
10 Degree	190	5	Static	-5.49	-2091.5	2091.5	Pass
10 Degree	251	5	Static	-8.14	-2122	2122	Pass

2.4. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	128	5	Static	-4.94	-2060.5	2060.5	Pass
20 Degree	190	5	Static	-5.2	-2091.5	2091.5	Pass
20 Degree	251	5	Static	-9.2	-2122	2122	Pass

2.5. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	128	5	Static	-7.23	-2060.5	2060.5	Pass
25 Degree	190	5	Static	-8.04	-2091.5	2091.5	Pass
25 Degree	251	5	Static	-5.68	-2122	2122	Pass

2.6. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	128	5	Static	-5.36	-2060.5	2060.5	Pass
30 Degree	190	5	Static	-7.26	-2091.5	2091.5	Pass
30 Degree	251	5	Static	-3.26	-2122	2122	Pass

2.7. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	128	5	Static	-6.88	-2060.5	2060.5	Pass
40 Degree	190	5	Static	-6.33	-2091.5	2091.5	Pass
40 Degree	251	5	Static	-6.62	-2122	2122	Pass

2.8. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	128	5	Static	-7.3	-2060.5	2060.5	Pass
50 Degree	190	5	Static	-5.36	-2091.5	2091.5	Pass
50 Degree	251	5	Static	-4.55	-2122	2122	Pass

2.9. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	128	5	Static	-6.3	-2060.5	2060.5	Pass
NTHV	190	5	Static	-7.3	-2091.5	2091.5	Pass
NTHV	251	5	Static	-5.17	-2122	2122	Pass

2.10. GPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	128	5	Static	-9.27	-2060.5	2060.5	Pass
NTLV	190	5	Static	-7.14	-2091.5	2091.5	Pass
NTLV	251	5	Static	-5.97	-2122	2122	Pass

1. EGPRS_PCS

1.1. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	512	2	Static	-6.91	-4625.5	4625.5	Pass
-10 Degree	661	2	Static	-11.85	-4700	4700	Pass
-10 Degree	810	2	Static	-17.01	-4774.5	4774.5	Pass

1.2. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	512	2	Static	-9.17	-4625.5	4625.5	Pass
0 Degree	661	2	Static	-14.72	-4700	4700	Pass
0 Degree	810	2	Static	-8.59	-4774.5	4774.5	Pass

1.3. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	512	2	Static	-9.91	-4625.5	4625.5	Pass
10 Degree	661	2	Static	-16.5	-4700	4700	Pass
10 Degree	810	2	Static	-13.33	-4774.5	4774.5	Pass

1.4. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	512	2	Static	-10.07	-4625.5	4625.5	Pass
20 Degree	661	2	Static	-14.92	-4700	4700	Pass
20 Degree	810	2	Static	-13.69	-4774.5	4774.5	Pass

1.5. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	512	2	Static	-13.08	-4625.5	4625.5	Pass
25 Degree	661	2	Static	-12.33	-4700	4700	Pass
25 Degree	810	2	Static	-10.04	-4774.5	4774.5	Pass

1.6. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	512	2	Static	-11.04	-4625.5	4625.5	Pass
30 Degree	661	2	Static	-16.14	-4700	4700	Pass
30 Degree	810	2	Static	10.82	-4774.5	4774.5	Pass

1.7. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	512	2	Static	-12.62	-4625.5	4625.5	Pass
40 Degree	661	2	Static	-17.14	-4700	4700	Pass
40 Degree	810	2	Static	-10.78	-4774.5	4774.5	Pass

1.8. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	512	2	Static	-9.36	-4625.5	4625.5	Pass
50 Degree	661	2	Static	-9.62	-4700	4700	Pass
50 Degree	810	2	Static	-14.01	-4774.5	4774.5	Pass

1.9. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	512	2	Static	-13.04	-4625.5	4625.5	Pass
NTHV	661	2	Static	-16.53	-4700	4700	Pass
NTHV	810	2	Static	-11.95	-4774.5	4774.5	Pass

1.10. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	512	2	Static	-10.72	-4625.5	4625.5	Pass
NTLV	661	2	Static	-13.62	-4700	4700	Pass
NTLV	810	2	Static	-12.53	-4774.5	4774.5	Pass

2. EGPRS_GSM850

2.1. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	128	8	Static	-8.46	-2060.5	2060.5	Pass
-10 Degree	190	8	Static	-7.46	-2091.5	2091.5	Pass
-10 Degree	251	8	Static	-5.46	-2122	2122	Pass

2.2. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	128	8	Static	-7.43	-2060.5	2060.5	Pass
0 Degree	190	8	Static	-9.78	-2091.5	2091.5	Pass
0 Degree	251	8	Static	-7.97	-2122	2122	Pass

2.3. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	128	8	Static	-8.36	-2060.5	2060.5	Pass
10 Degree	190	8	Static	-11.36	-2091.5	2091.5	Pass
10 Degree	251	8	Static	-9.62	-2122	2122	Pass

2.4. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	128	8	Static	-10.01	-2060.5	2060.5	Pass
20 Degree	190	8	Static	-8.52	-2091.5	2091.5	Pass
20 Degree	251	8	Static	-8.88	-2122	2122	Pass

2.5. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	128	8	Static	-9.75	-2060.5	2060.5	Pass
25 Degree	190	8	Static	-9.04	-2091.5	2091.5	Pass
25 Degree	251	8	Static	-5.65	-2122	2122	Pass

2.6. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	128	8	Static	-7.78	-2060.5	2060.5	Pass
30 Degree	190	8	Static	-8.36	-2091.5	2091.5	Pass
30 Degree	251	8	Static	-7.01	-2122	2122	Pass

2.7. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	128	8	Static	-8.81	-2060.5	2060.5	Pass
40 Degree	190	8	Static	-9.65	-2091.5	2091.5	Pass
40 Degree	251	8	Static	-11.11	-2122	2122	Pass

2.8. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	128	8	Static	-7.14	-2060.5	2060.5	Pass
50 Degree	190	8	Static	-11.43	-2091.5	2091.5	Pass
50 Degree	251	8	Static	-8.68	-2122	2122	Pass

2.9. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	128	8	Static	-10.3	-2060.5	2060.5	Pass
NTHV	190	8	Static	-7.26	-2091.5	2091.5	Pass
NTHV	251	8	Static	-5.17	-2122	2122	Pass

2.10. EGPRS Frequency Stability_Part22-24

Test Environment	UL Channel	PCL	Propagation Condition	Freq Error (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	128	8	Static	-8.07	-2060.5	2060.5	Pass
NTLV	190	8	Static	-9.01	-2091.5	2091.5	Pass
NTLV	251	8	Static	-8.94	-2122	2122	Pass

1. WCDMA_Band5

1.1. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	4132	-2066	2066	0.56	Pass
-10 Degree	4182	-2091	2091	1.7	Pass
-10 Degree	4233	-2116.5	2116.5	0.04	Pass

1.2. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	4132	-2066	2066	-0.13	Pass
0 Degree	4182	-2091	2091	1.75	Pass
0 Degree	4233	-2116.5	2116.5	-0.54	Pass

1.3. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	4132	-2066	2066	0.24	Pass
10 Degree	4182	-2091	2091	1.28	Pass
10 Degree	4233	-2116.5	2116.5	-0.67	Pass

1.4. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	4132	-2066	2066	-0.45	Pass
20 Degree	4182	-2091	2091	1.69	Pass
20 Degree	4233	-2116.5	2116.5	-0.99	Pass

1.5. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	4132	-2066	2066	-0.37	Pass
25 Degree	4182	-2091	2091	2.22	Pass
25 Degree	4233	-2116.5	2116.5	1.34	Pass

1.6. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	4132	-2066	2066	-1.29	Pass
30 Degree	4182	-2091	2091	0.52	Pass
30 Degree	4233	-2116.5	2116.5	-0.69	Pass

1.7. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	4132	-2066	2066	-0.7	Pass
40 Degree	4182	-2091	2091	1.91	Pass
40 Degree	4233	-2116.5	2116.5	-0.53	Pass

1.8. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	4132	-2066	2066	0.38	Pass
50 Degree	4182	-2091	2091	2.32	Pass
50 Degree	4233	-2116.5	2116.5	0.36	Pass

1.9. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	4132	-2066	2066	-0.42	Pass
NTHV	4182	-2091	2091	2.96	Pass
NTHV	4233	-2116.5	2116.5	-0.72	Pass

1.10. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	4132	-2066	2066	-1.39	Pass
NTLV	4182	-2091	2091	2.83	Pass
NTLV	4233	-2116.5	2116.5	-1.65	Pass

2. WCDMA_Band4

2.1. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	1312	-4281	4281	2.45	Pass
-10 Degree	1412	-4331	4331	2.16	Pass
-10 Degree	1513	-4381.5	4381.5	-0.97	Pass

2.2. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	1312	-4281	4281	5.08	Pass
0 Degree	1412	-4331	4331	1.29	Pass
0 Degree	1513	-4381.5	4381.5	-3.06	Pass

2.3. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	1312	-4281	4281	4.96	Pass
10 Degree	1412	-4331	4331	1.08	Pass
10 Degree	1513	-4381.5	4381.5	1.1	Pass

2.4. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	1312	-4281	4281	2.94	Pass
20 Degree	1412	-4331	4331	1.44	Pass
20 Degree	1513	-4381.5	4381.5	-3.8	Pass

2.5. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	1312	-4281	4281	2.12	Pass
25 Degree	1412	-4331	4331	-1.58	Pass
25 Degree	1513	-4381.5	4381.5	-2.15	Pass

2.6. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	1312	-4281	4281	3.66	Pass
30 Degree	1412	-4331	4331	2.73	Pass
30 Degree	1513	-4381.5	4381.5	-2.93	Pass

2.7. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	1312	-4281	4281	2.55	Pass
40 Degree	1412	-4331	4331	0.71	Pass
40 Degree	1513	-4381.5	4381.5	-0.31	Pass

2.8. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	1312	-4281	4281	1.4	Pass
50 Degree	1412	-4331	4331	1.47	Pass
50 Degree	1513	-4381.5	4381.5	-3.44	Pass

2.9. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	1312	-4281	4281	0.65	Pass
NTHV	1412	-4331	4331	2.51	Pass
NTHV	1513	-4381.5	4381.5	-4.78	Pass

2.10. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	1312	-4281	4281	1.37	Pass
NTLV	1412	-4331	4331	1.52	Pass
NTLV	1513	-4381.5	4381.5	-4.38	Pass

3. WCDMA_Band2

3.1. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	9262	-4631	4631	3.09	Pass
-10 Degree	9400	-4700	4700	0.27	Pass
-10 Degree	9538	-4769	4769	5.25	Pass

3.2. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	9262	-4631	4631	4.27	Pass
0 Degree	9400	-4700	4700	1.87	Pass
0 Degree	9538	-4769	4769	4.92	Pass

3.3. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	9262	-4631	4631	4.84	Pass
10 Degree	9400	-4700	4700	1.19	Pass
10 Degree	9538	-4769	4769	4.54	Pass

3.4. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	9262	-4631	4631	4.73	Pass
20 Degree	9400	-4700	4700	5.54	Pass
20 Degree	9538	-4769	4769	5.17	Pass

3.5. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	9262	-4631	4631	2.33	Pass
25 Degree	9400	-4700	4700	-0.02	Pass
25 Degree	9538	-4769	4769	3.45	Pass

3.6. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	9262	-4631	4631	1.67	Pass
30 Degree	9400	-4700	4700	2.78	Pass
30 Degree	9538	-4769	4769	3.82	Pass

3.7. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	9262	-4631	4631	3.09	Pass
40 Degree	9400	-4700	4700	6.87	Pass
40 Degree	9538	-4769	4769	2.9	Pass

3.8. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	9262	-4631	4631	1.19	Pass
50 Degree	9400	-4700	4700	1.33	Pass
50 Degree	9538	-4769	4769	1.5	Pass

3.9. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	9262	-4631	4631	3.36	Pass
NTHV	9400	-4700	4700	3.05	Pass
NTHV	9538	-4769	4769	4.96	Pass

3.10. WCDMA Frequency Stability_Part22-24-27

Test Environment	UL Channel	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	9262	-4631	4631	5.16	Pass
NTLV	9400	-4700	4700	4.83	Pass
NTLV	9538	-4769	4769	0.57	Pass

1. LTE_Band5

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-4.59	Pass
-10 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-0.94	Pass

1.2. LTE Frequency Stability_Part22-24-27(0 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-5.29	Pass
0 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-4.16	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-4.81	Pass
10 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-1.57	Pass

1.4. LTE Frequency Stability_Part22-24-27(20 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-0.36	Pass
20 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-2.23	Pass

1.5. LTE Frequency Stability_Part22-24-27(25 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-6.25	Pass
25 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-1.23	Pass

1.6. LTE Frequency Stability_Part22-24-27(30 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-1.59	Pass
30 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-3.72	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-3.28	Pass
40 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-4.76	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	20525	10	QPSK	50	0	-2091.25	2091.25	-3.85	Pass
50 Degree	20525	10	16QAM	50	0	-2091.25	2091.25	-4.48	Pass

1.9. LTE Frequency Stability_Part22-24-27(NTHV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	20525	10	QPSK	50	0	-2091.25	2091.25	-4.85	Pass
NTHV	20525	10	16QAM	50	0	-2091.25	2091.25	-4.61	Pass

1.10. LTE Frequency Stability_Part22-24-27(NTLV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	20525	10	QPSK	50	0	-2091.25	2091.25	-4.88	Pass
NTLV	20525	10	16QAM	50	0	-2091.25	2091.25	-4.08	Pass

2. LTE_Band12

2.1. LTE Frequency Stability_Part22-24-27(-10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-1.26	Pass
-10 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	-2.9	Pass

2.2. LTE Frequency Stability_Part22-24-27(0 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	1.32	Pass
0 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	2.03	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-1.62	Pass
10 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	-0.39	Pass

2.4. LTE Frequency Stability_Part22-24-27(20 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-1	Pass
20 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	-1.49	Pass

2.5. LTE Frequency Stability_Part22-24-27(25 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-0.5	Pass
25 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	0.72	Pass

2.6. LTE Frequency Stability_Part22-24-27(30 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-1.8	Pass
30 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	2.7	Pass

2.7. LTE Frequency Stability_Part22-24-27(40 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	-1.7	Pass
40 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	-0.01	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	23095	10	QPSK	50	0	-1768.75	1768.75	0.06	Pass
50 Degree	23095	10	16QAM	50	0	-1768.75	1768.75	3.09	Pass

2.9. LTE Frequency Stability_Part22-24-27(NTHV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	23095	10	QPSK	50	0	-1768.75	1768.75	-0.06	Pass
NTHV	23095	10	16QAM	50	0	-1768.75	1768.75	-6.18	Pass

2.10. LTE Frequency Stability_Part22-24-27(NTLV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	23095	10	QPSK	50	0	-1768.75	1768.75	-0.66	Pass
NTLV	23095	10	16QAM	50	0	-1768.75	1768.75	-0.72	Pass

3. LTE_Band13

3.1. LTE Frequency Stability_Part22-24-27(-10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	23230	10	QPSK	50	0	-1955	1955	3.58	Pass
-10 Degree	23230	10	16QAM	50	0	-1955	1955	-3	Pass

3.2. LTE Frequency Stability_Part22-24-27(0 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	23230	10	QPSK	50	0	-1955	1955	-1.3	Pass
0 Degree	23230	10	16QAM	50	0	-1955	1955	-0.64	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	23230	10	QPSK	50	0	-1955	1955	-6.57	Pass
10 Degree	23230	10	16QAM	50	0	-1955	1955	1.89	Pass

3.4. LTE Frequency Stability_Part22-24-27(20 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	23230	10	QPSK	50	0	-1955	1955	-1.54	Pass
20 Degree	23230	10	16QAM	50	0	-1955	1955	1.77	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	23230	10	QPSK	50	0	-1955	1955	0.39	Pass
25 Degree	23230	10	16QAM	50	0	-1955	1955	-0.87	Pass

3.6. LTE Frequency Stability_Part22-24-27(30 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	23230	10	QPSK	50	0	-1955	1955	3.83	Pass
30 Degree	23230	10	16QAM	50	0	-1955	1955	-1.75	Pass

3.7. LTE Frequency Stability_Part22-24-27(40 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	23230	10	QPSK	50	0	-1955	1955	-5.51	Pass
40 Degree	23230	10	16QAM	50	0	-1955	1955	0.19	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	23230	10	QPSK	50	0	-1955	1955	1.17	Pass
50 Degree	23230	10	16QAM	50	0	-1955	1955	-3.23	Pass

3.9. LTE Frequency Stability_Part22-24-27(NTHV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	23230	10	QPSK	50	0	-1955	1955	2.06	Pass
NTHV	23230	10	16QAM	50	0	-1955	1955	2.29	Pass

3.10. LTE Frequency Stability_Part22-24-27(NTLV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	23230	10	QPSK	50	0	-1955	1955	-1.34	Pass
NTLV	23230	10	16QAM	50	0	-1955	1955	-1.56	Pass

4. LTE_Band17

4.1. LTE Frequency Stability_Part22-24-27(-10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	23790	10	QPSK	50	0	-1775	1775	0.87	Pass
-10 Degree	23790	10	16QAM	50	0	-1775	1775	4.01	Pass

4.2. LTE Frequency Stability_Part22-24-27(0 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	23790	10	QPSK	50	0	-1775	1775	-0.41	Pass
0 Degree	23790	10	16QAM	50	0	-1775	1775	-5.54	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	23790	10	QPSK	50	0	-1775	1775	-2.12	Pass
10 Degree	23790	10	16QAM	50	0	-1775	1775	-0.13	Pass

4.4. LTE Frequency Stability_Part22-24-27(20 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	23790	10	QPSK	50	0	-1775	1775	1.3	Pass
20 Degree	23790	10	16QAM	50	0	-1775	1775	0.9	Pass

4.5. LTE Frequency Stability_Part22-24-27(25 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	23790	10	QPSK	50	0	-1775	1775	1.16	Pass
25 Degree	23790	10	16QAM	50	0	-1775	1775	-0.19	Pass

4.6. LTE Frequency Stability_Part22-24-27(30 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	23790	10	QPSK	50	0	-1775	1775	0.24	Pass
30 Degree	23790	10	16QAM	50	0	-1775	1775	2.36	Pass

4.7. LTE Frequency Stability_Part22-24-27(40 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	23790	10	QPSK	50	0	-1775	1775	1.66	Pass
40 Degree	23790	10	16QAM	50	0	-1775	1775	0.93	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	23790	10	QPSK	50	0	-1775	1775	-2.76	Pass
50 Degree	23790	10	16QAM	50	0	-1775	1775	3.06	Pass

4.9. LTE Frequency Stability_Part22-24-27(NTHV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	23790	10	QPSK	50	0	-1775	1775	-0.92	Pass
NTHV	23790	10	16QAM	50	0	-1775	1775	-0.14	Pass

4.10. LTE Frequency Stability_Part22-24-27(NTLV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	23790	10	QPSK	50	0	-1775	1775	3.35	Pass
NTLV	23790	10	16QAM	50	0	-1775	1775	-3.55	Pass

5. LTE_Band2

5.1. LTE Frequency Stability_Part22-24-27(-10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	18900	10	QPSK	50	0	-4700	4700	0.59	Pass
-10 Degree	18900	10	16QAM	50	0	-4700	4700	3.62	Pass

5.2. LTE Frequency Stability_Part22-24-27(0 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	18900	10	QPSK	50	0	-4700	4700	5.02	Pass
0 Degree	18900	10	16QAM	50	0	-4700	4700	-2.99	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	18900	10	QPSK	50	0	-4700	4700	-0.03	Pass
10 Degree	18900	10	16QAM	50	0	-4700	4700	0.39	Pass

5.4. LTE Frequency Stability_Part22-24-27(20 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	18900	10	QPSK	50	0	-4700	4700	-0.67	Pass
20 Degree	18900	10	16QAM	50	0	-4700	4700	-1.06	Pass

5.5. LTE Frequency Stability_Part22-24-27(25 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	18900	10	QPSK	50	0	-4700	4700	4.22	Pass
25 Degree	18900	10	16QAM	50	0	-4700	4700	-1.13	Pass

5.6. LTE Frequency Stability_Part22-24-27(30 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	18900	10	QPSK	50	0	-4700	4700	1.03	Pass
30 Degree	18900	10	16QAM	50	0	-4700	4700	6.74	Pass

5.7. LTE Frequency Stability_Part22-24-27(40 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	18900	10	QPSK	50	0	-4700	4700	7.21	Pass
40 Degree	18900	10	16QAM	50	0	-4700	4700	0.56	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	18900	10	QPSK	50	0	-4700	4700	2.4	Pass
50 Degree	18900	10	16QAM	50	0	-4700	4700	8.54	Pass

5.9. LTE Frequency Stability_Part22-24-27(NTHV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	18900	10	QPSK	50	0	-4700	4700	-0.47	Pass
NTHV	18900	10	16QAM	50	0	-4700	4700	7.37	Pass

5.10. LTE Frequency Stability_Part22-24-27(NTLV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	18900	10	QPSK	50	0	-4700	4700	1.76	Pass
NTLV	18900	10	16QAM	50	0	-4700	4700	2.55	Pass

6. LTE_Band4

6.1. LTE Frequency Stability_Part22-24-27(-10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	3.41	Pass
-10 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	2.15	Pass

6.2. LTE Frequency Stability_Part22-24-27(0 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	2.36	Pass
0 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-2.66	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	5.26	Pass
10 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-7.78	Pass

6.4. LTE Frequency Stability_Part22-24-27(20 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	11.01	Pass
20 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	0.26	Pass

6.5. LTE Frequency Stability_Part22-24-27(25 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	-7.27	Pass
25 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-2.37	Pass

6.6. LTE Frequency Stability_Part22-24-27(30 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	2.53	Pass
30 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-2.6	Pass

6.7. LTE Frequency Stability_Part22-24-27(40 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	-5.58	Pass
40 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-3.38	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	20175	10	QPSK	50	0	-4331.25	4331.25	-0.59	Pass
50 Degree	20175	10	16QAM	50	0	-4331.25	4331.25	-10.87	Pass

6.9. LTE Frequency Stability_Part22-24-27(NTHV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	20175	10	QPSK	50	0	-4331.25	4331.25	2.8	Pass
NTHV	20175	10	16QAM	50	0	-4331.25	4331.25	0.29	Pass

6.10. LTE Frequency Stability_Part22-24-27(NTLV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	20175	10	QPSK	50	0	-4331.25	4331.25	2.7	Pass
NTLV	20175	10	16QAM	50	0	-4331.25	4331.25	-7.81	Pass

7. LTE_Band7

7.1. LTE Frequency Stability_Part22-24-27(-10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	4.56	Pass
-10 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	7.38	Pass

7.2. LTE Frequency Stability_Part22-24-27(0 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	6.07	Pass
0 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	9.78	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	7.5	Pass
10 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	-12.72	Pass

7.4. LTE Frequency Stability_Part22-24-27(20 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	5.97	Pass
20 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	1.73	Pass

7.5. LTE Frequency Stability_Part22-24-27(25 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	2.26	Pass
25 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	6.71	Pass

7.6. LTE Frequency Stability_Part22-24-27(30 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	5.44	Pass
30 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	10.79	Pass

7.7. LTE Frequency Stability_Part22-24-27(40 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	0.09	Pass
40 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	4.38	Pass

7.8. LTE Frequency Stability_Part22-24-27(50 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	21100	10	QPSK	50	0	-6337.5	6337.5	-0.69	Pass
50 Degree	21100	10	16QAM	50	0	-6337.5	6337.5	-1.66	Pass

7.9. LTE Frequency Stability_Part22-24-27(NTHV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	21100	10	QPSK	50	0	-6337.5	6337.5	2.1	Pass
NTHV	21100	10	16QAM	50	0	-6337.5	6337.5	-7.81	Pass

7.10. LTE Frequency Stability_Part22-24-27(NTLV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	21100	10	QPSK	50	0	-6337.5	6337.5	6.64	Pass
NTLV	21100	10	16QAM	50	0	-6337.5	6337.5	9.64	Pass

8. LTE_Band38

8.1. LTE Frequency Stability_Part22-24-27(-10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-0.76	Pass
-10 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-5.81	Pass

8.2. LTE Frequency Stability_Part22-24-27(0 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-14.16	Pass
0 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-8.04	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-1.4	Pass
10 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-5.14	Pass

8.4. LTE Frequency Stability_Part22-24-27(20 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-8.37	Pass
20 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-1.29	Pass

8.5. LTE Frequency Stability_Part22-24-27(25 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-4.53	Pass
25 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-9.51	Pass

8.6. LTE Frequency Stability_Part22-24-27(30 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-8.04	Pass
30 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-4.08	Pass

8.7. LTE Frequency Stability_Part22-24-27(40 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	-1.26	Pass
40 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	-5.74	Pass

8.8. LTE Frequency Stability_Part22-24-27(50 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	38000	10	QPSK	50	0	-6487.5	6487.5	2.02	Pass
50 Degree	38000	10	16QAM	50	0	-6487.5	6487.5	0.83	Pass

8.9. LTE Frequency Stability_Part22-24-27(NTHV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	38000	10	QPSK	50	0	-6487.5	6487.5	-5.04	Pass
NTHV	38000	10	16QAM	50	0	-6487.5	6487.5	-5.71	Pass

8.10. LTE Frequency Stability_Part22-24-27(NTLV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	38000	10	QPSK	50	0	-6487.5	6487.5	-5.48	Pass
NTLV	38000	10	16QAM	50	0	-6487.5	6487.5	1.72	Pass

9. LTE_Band41 full

9.1. LTE Frequency Stability_Part22-24-27(-10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	40620	10	QPSK	50	0	-6482.5	6482.5	-12.13	Pass
-10 Degree	40620	10	16QAM	50	0	-6482.5	6482.5	-7.41	Pass

9.2. LTE Frequency Stability_Part22-24-27(0 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	40620	10	QPSK	50	0	-6482.5	6482.5	-12.32	Pass
0 Degree	40620	10	16QAM	50	0	-6482.5	6482.5	-5.41	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	40620	10	QPSK	50	0	-6482.5	6482.5	-4.71	Pass
10 Degree	40620	10	16QAM	50	0	-6482.5	6482.5	-11.87	Pass

9.4. LTE Frequency Stability_Part22-24-27(20 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	40620	10	QPSK	50	0	-6482.5	6482.5	-10.1	Pass
20 Degree	40620	10	16QAM	50	0	-6482.5	6482.5	-16.08	Pass

9.5. LTE Frequency Stability_Part22-24-27(25 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	40620	10	QPSK	50	0	-6482.5	6482.5	-6.51	Pass
25 Degree	40620	10	16QAM	50	0	-6482.5	6482.5	-4.36	Pass

9.6. LTE Frequency Stability_Part22-24-27(30 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	40620	10	QPSK	50	0	-6482.5	6482.5	-11.7	Pass
30 Degree	40620	10	16QAM	50	0	-6482.5	6482.5	-12.95	Pass

9.7. LTE Frequency Stability_Part22-24-27(40 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	40620	10	QPSK	50	0	-6482.5	6482.5	-10.2	Pass
40 Degree	40620	10	16QAM	50	0	-6482.5	6482.5	-5.41	Pass

9.8. LTE Frequency Stability_Part22-24-27(50 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	40620	10	QPSK	50	0	-6482.5	6482.5	-7.98	Pass
50 Degree	40620	10	16QAM	50	0	-6482.5	6482.5	3.78	Pass

9.9. LTE Frequency Stability_Part22-24-27(NTHV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	40620	10	QPSK	50	0	-6482.5	6482.5	-9.98	Pass
NTHV	40620	10	16QAM	50	0	-6482.5	6482.5	-13.3	Pass

9.10. LTE Frequency Stability_Part22-24-27(NTLV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	40620	10	QPSK	50	0	-6482.5	6482.5	0.94	Pass
NTLV	40620	10	16QAM	50	0	-6482.5	6482.5	-18.27	Pass

10. LTE_Band42 3450-3550

10.1. LTE Frequency Stability_Part22-24-27(-10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	42590	10	QPSK	50	0	-8750	8750	-23.2	Pass
-10 Degree	42590	10	16QAM	50	0	-8750	8750	-17.41	Pass

10.2. LTE Frequency Stability_Part22-24-27(0 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	42590	10	QPSK	50	0	-8750	8750	-11.52	Pass
0 Degree	42590	10	16QAM	50	0	-8750	8750	-17.44	Pass

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	42590	10	QPSK	50	0	-8750	8750	-20.08	Pass
10 Degree	42590	10	16QAM	50	0	-8750	8750	-14.29	Pass

10.4. LTE Frequency Stability_Part22-24-27(20 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	42590	10	QPSK	50	0	-8750	8750	-25.84	Pass
20 Degree	42590	10	16QAM	50	0	-8750	8750	-14.46	Pass

10.5. LTE Frequency Stability_Part22-24-27(25 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	42590	10	QPSK	50	0	-8750	8750	-21.14	Pass
25 Degree	42590	10	16QAM	50	0	-8750	8750	-11.53	Pass

10.6. LTE Frequency Stability_Part22-24-27(30 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	42590	10	QPSK	50	0	-8750	8750	-18.64	Pass
30 Degree	42590	10	16QAM	50	0	-8750	8750	-15.38	Pass

10.7. LTE Frequency Stability_Part22-24-27(40 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	42590	10	QPSK	50	0	-8750	8750	-14.73	Pass
40 Degree	42590	10	16QAM	50	0	-8750	8750	-19.7	Pass

10.8. LTE Frequency Stability_Part22-24-27(50 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	42590	10	QPSK	50	0	-8750	8750	-20.74	Pass
50 Degree	42590	10	16QAM	50	0	-8750	8750	-16.61	Pass

10.9. LTE Frequency Stability_Part22-24-27(NTHV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	42590	10	QPSK	50	0	-8750	8750	-17.92	Pass
NTHV	42590	10	16QAM	50	0	-8750	8750	-20.83	Pass

10.10. LTE Frequency Stability_Part22-24-27(NTLV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	42590	10	QPSK	50	0	-8750	8750	-24.88	Pass
NTLV	42590	10	16QAM	50	0	-8750	8750	-20.54	Pass

11. LTE_Band66

11.1. LTE Frequency Stability_Part22-24-27(-10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
-10 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	5.49	Pass
-10 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	0.26	Pass

11.2. LTE Frequency Stability_Part22-24-27(0 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
0 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-0.4	Pass
0 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-4.89	Pass

11.3. LTE Frequency Stability_Part22-24-27(10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
10 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-2.2	Pass
10 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-2.15	Pass

11.4. LTE Frequency Stability_Part22-24-27(20 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
20 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-1.85	Pass
20 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-4.65	Pass

11.5. LTE Frequency Stability_Part22-24-27(25 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
25 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-2.27	Pass
25 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-1.06	Pass

11.6. LTE Frequency Stability_Part22-24-27(30 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
30 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-3.81	Pass
30 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-8.23	Pass

11.7. LTE Frequency Stability_Part22-24-27(40 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
40 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-3.99	Pass
40 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-7.7	Pass

11.8. LTE Frequency Stability_Part22-24-27(50 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
50 Degree	132322	10	QPSK	50	0	-4362.5	4362.5	-6.52	Pass
50 Degree	132322	10	16QAM	50	0	-4362.5	4362.5	-6.42	Pass

11.9. LTE Frequency Stability_Part22-24-27(NTHV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTHV	132322	10	QPSK	50	0	-4362.5	4362.5	-3.85	Pass
NTHV	132322	10	16QAM	50	0	-4362.5	4362.5	-1.4	Pass

11.10. LTE Frequency Stability_Part22-24-27(NTLV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
NTLV	132322	10	QPSK	50	0	-4362.5	4362.5	-5.51	Pass
NTLV	132322	10	16QAM	50	0	-4362.5	4362.5	-6.82	Pass

1. CA_7C

1.1. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	PCC	1.04	-6325.25	6325.25	Pass
-10 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	SCC 1	1.3	-6361.25	6361.25	Pass
-10 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	PCC	-6.38	-6325.25	6325.25	Pass
-10 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	SCC 1	-2.25	-6361.25	6361.25	Pass
-10 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	PCC	0.93	-6312.75	6312.75	Pass
-10 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-4.63	-6362.25	6362.25	Pass
-10 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	PCC	-2.73	-6312.75	6312.75	Pass
-10 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	0.94	-6362.25	6362.25	Pass

1.2. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	PCC	-0.3	-6325.25	6325.25	Pass
0 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	SCC 1	-1.57	-6361.25	6361.25	Pass
0 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	PCC	-0.19	-6325.25	6325.25	Pass
0 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	SCC 1	5.55	-6361.25	6361.25	Pass
0 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	PCC	-4.03	-6312.75	6312.75	Pass
0 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-3.35	-6362.25	6362.25	Pass
0 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	PCC	4.53	-6312.75	6312.75	Pass
0 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-1.23	-6362.25	6362.25	Pass

1.3. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	PCC	1.9	-6325.25	6325.25	Pass
10 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	SCC 1	2.7	-6361.25	6361.25	Pass
10 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	PCC	1.6	-6325.25	6325.25	Pass
10 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	SCC 1	-5.04	-6361.25	6361.25	Pass
10 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	PCC	1.49	-6312.75	6312.75	Pass
10 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-2.59	-6362.25	6362.25	Pass
10 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	PCC	0.63	-6312.75	6312.75	Pass
10 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	2.26	-6362.25	6362.25	Pass

1.4. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	PCC	1.57	-6325.25	6325.25	Pass
20 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	SCC 1	-4.48	-6361.25	6361.25	Pass
20 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	PCC	-9.06	-6325.25	6325.25	Pass
20 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	SCC 1	-4.76	-6361.25	6361.25	Pass
20 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	PCC	2.76	-6312.75	6312.75	Pass
20 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-2.53	-6362.25	6362.25	Pass
20 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	PCC	-3.63	-6312.75	6312.75	Pass
20 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	0.09	-6362.25	6362.25	Pass

1.5. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	PCC	4.84	-6325.25	6325.25	Pass
25 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	SCC 1	5.95	-6361.25	6361.25	Pass
25 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	PCC	-0.2	-6325.25	6325.25	Pass
25 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	SCC 1	-0.76	-6361.25	6361.25	Pass
25 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	PCC	-5.21	-6312.75	6312.75	Pass
25 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-9.21	-6362.25	6362.25	Pass
25 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	PCC	-3.55	-6312.75	6312.75	Pass
25 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-2.89	-6362.25	6362.25	Pass

1.6. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	PCC	4.23	-6325.25	6325.25	Pass
30 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	SCC 1	4.29	-6361.25	6361.25	Pass
30 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	PCC	2.92	-6325.25	6325.25	Pass
30 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	SCC 1	2.88	-6361.25	6361.25	Pass
30 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	PCC	0.51	-6312.75	6312.75	Pass
30 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-3.62	-6362.25	6362.25	Pass
30 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	PCC	2.53	-6312.75	6312.75	Pass
30 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	1.1	-6362.25	6362.25	Pass

1.7. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	PCC	7.11	-6325.25	6325.25	Pass
40 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	SCC 1	-0.5	-6361.25	6361.25	Pass
40 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	PCC	-3.19	-6325.25	6325.25	Pass
40 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	SCC 1	-2.33	-6361.25	6361.25	Pass
40 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	PCC	2.75	-6312.75	6312.75	Pass
40 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	2.88	-6362.25	6362.25	Pass
40 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	PCC	-7.15	-6312.75	6312.75	Pass
40 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-6.32	-6362.25	6362.25	Pass

1.8. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	PCC	-1.59	-6325.25	6325.25	Pass
50 Degree	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	SCC 1	-0.67	-6361.25	6361.25	Pass
50 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	PCC	0.99	-6325.25	6325.25	Pass
50 Degree	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	SCC 1	-1.62	-6361.25	6361.25	Pass
50 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	PCC	-3.88	-6312.75	6312.75	Pass
50 Degree	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-4.28	-6362.25	6362.25	Pass
50 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	PCC	-3.25	-6312.75	6312.75	Pass
50 Degree	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-2.42	-6362.25	6362.25	Pass

1.9. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	PCC	-3.22	-6325.25	6325.25	Pass
NTHV	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	SCC 1	-6.32	-6361.25	6361.25	Pass
NTHV	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	PCC	4.28	-6325.25	6325.25	Pass
NTHV	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	SCC 1	-0.51	-6361.25	6361.25	Pass
NTHV	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	PCC	-3.45	-6312.75	6312.75	Pass
NTHV	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-0.64	-6362.25	6362.25	Pass
NTHV	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	PCC	4.79	-6312.75	6312.75	Pass
NTHV	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-0.27	-6362.25	6362.25	Pass

1.10. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	PCC	4.15	-6325.25	6325.25	Pass
NTLV	21051 | 21195	20 | 10	QPSK	Full | Full	Low | Low	SCC 1	1.32	-6361.25	6361.25	Pass
NTLV	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	PCC	-2.8	-6325.25	6325.25	Pass
NTLV	21051 | 21195	20 | 10	16QAM	Full | Full	Low | Low	SCC 1	-5.97	-6361.25	6361.25	Pass
NTLV	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	PCC	3.46	-6312.75	6312.75	Pass
NTLV	21001 | 21199	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	2.12	-6362.25	6362.25	Pass
NTLV	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	PCC	-9.78	-6312.75	6312.75	Pass
NTLV	21001 | 21199	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	1.33	-6362.25	6362.25	Pass

2. CA_66C

2.1. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	PCC	-0.2	-4381.25	4381.25	Pass
-10 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	0.3	-4410.5	4410.5	Pass
-10 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	PCC	-1.57	-4381.25	4381.25	Pass
-10 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-6.02	-4410.5	4410.5	Pass
-10 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	PCC	-0.09	-4362.75	4362.75	Pass
-10 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-3.09	-4412.25	4412.25	Pass
-10 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	PCC	-0.74	-4362.75	4362.75	Pass
-10 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-2.02	-4412.25	4412.25	Pass

2.2. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	PCC	-3.65	-4381.25	4381.25	Pass
0 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-0.82	-4410.5	4410.5	Pass
0 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	PCC	-6.27	-4381.25	4381.25	Pass
0 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-3.13	-4410.5	4410.5	Pass
0 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	PCC	-1.97	-4362.75	4362.75	Pass
0 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-0.76	-4412.25	4412.25	Pass
0 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	PCC	1.16	-4362.75	4362.75	Pass
0 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	1.42	-4412.25	4412.25	Pass

2.3. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	PCC	-6.61	-4381.25	4381.25	Pass
10 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-1.49	-4410.5	4410.5	Pass
10 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	PCC	-6.07	-4381.25	4381.25	Pass
10 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-1.29	-4410.5	4410.5	Pass
10 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	PCC	-0.34	-4362.75	4362.75	Pass
10 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	3.02	-4412.25	4412.25	Pass
10 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	PCC	-2.32	-4362.75	4362.75	Pass
10 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	0.34	-4412.25	4412.25	Pass

2.4. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	PCC	-4.49	-4381.25	4381.25	Pass
20 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-6.74	-4410.5	4410.5	Pass
20 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	PCC	-3.3	-4381.25	4381.25	Pass
20 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-2.6	-4410.5	4410.5	Pass
20 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	PCC	-2.06	-4362.75	4362.75	Pass
20 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-2.85	-4412.25	4412.25	Pass
20 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	PCC	-4.76	-4362.75	4362.75	Pass
20 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-6.02	-4412.25	4412.25	Pass

2.5. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	PCC	-6.45	-4381.25	4381.25	Pass
25 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-4.48	-4410.5	4410.5	Pass
25 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	PCC	-3.93	-4381.25	4381.25	Pass
25 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-2.19	-4410.5	4410.5	Pass
25 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	PCC	0.03	-4362.75	4362.75	Pass
25 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	1.57	-4412.25	4412.25	Pass
25 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	PCC	0.5	-4362.75	4362.75	Pass
25 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	1.95	-4412.25	4412.25	Pass

2.6. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	PCC	-1.59	-4381.25	4381.25	Pass
30 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-4.35	-4410.5	4410.5	Pass
30 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	PCC	-6.61	-4381.25	4381.25	Pass
30 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-3.2	-4410.5	4410.5	Pass
30 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	PCC	-2.7	-4362.75	4362.75	Pass
30 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-4.48	-4412.25	4412.25	Pass
30 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	PCC	-1.99	-4362.75	4362.75	Pass
30 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-2.3	-4412.25	4412.25	Pass

2.7. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	PCC	-7.65	-4381.25	4381.25	Pass
40 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-4.73	-4410.5	4410.5	Pass
40 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	PCC	-1.43	-4381.25	4381.25	Pass
40 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-2.9	-4410.5	4410.5	Pass
40 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	PCC	-1.26	-4362.75	4362.75	Pass
40 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	3.08	-4412.25	4412.25	Pass
40 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	PCC	3.99	-4362.75	4362.75	Pass
40 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	3.02	-4412.25	4412.25	Pass

2.8. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	PCC	-4.41	-4381.25	4381.25	Pass
50 Degree	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-4.78	-4410.5	4410.5	Pass
50 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	PCC	-1.73	-4381.25	4381.25	Pass
50 Degree	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-2.68	-4410.5	4410.5	Pass
50 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	PCC	-2	-4362.75	4362.75	Pass
50 Degree	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	0.23	-4412.25	4412.25	Pass
50 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	PCC	-1.39	-4362.75	4362.75	Pass
50 Degree	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-4.11	-4412.25	4412.25	Pass

2.9. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	PCC	-4.91	-4381.25	4381.25	Pass
NTHV	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-4.43	-4410.5	4410.5	Pass
NTHV	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	PCC	-5.16	-4381.25	4381.25	Pass
NTHV	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-5.46	-4410.5	4410.5	Pass
NTHV	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	PCC	-0.97	-4362.75	4362.75	Pass
NTHV	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-0.07	-4412.25	4412.25	Pass
NTHV	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	PCC	-4.26	-4362.75	4362.75	Pass
NTHV	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-2.57	-4412.25	4412.25	Pass

2.10. LTE-A Frequency Stability_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	PCC	-5.34	-4381.25	4381.25	Pass
NTLV	132397 | 132514	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-7.97	-4410.5	4410.5	Pass
NTLV	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	PCC	-4.52	-4381.25	4381.25	Pass
NTLV	132397 | 132514	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-4.23	-4410.5	4410.5	Pass
NTLV	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	PCC	-3.06	-4362.75	4362.75	Pass
NTLV	132323 | 132521	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-6.29	-4412.25	4412.25	Pass
NTLV	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	PCC	-1.57	-4362.75	4362.75	Pass
NTLV	132323 | 132521	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-1.86	-4412.25	4412.25	Pass

4. CA_38C

4.6. LTE-A Frequency Stability_Part22-24-27(-10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	1.76	-6468.75	6468.75	Pass
-10 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC 1	0.76	-6506.25	6506.25	Pass
-10 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-0.7	-6468.75	6468.75	Pass
-10 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC 1	-6	-6506.25	6506.25	Pass
-10 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-2.71	-6462.75	6462.75	Pass
-10 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-0.69	-6512.25	6512.25	Pass
-10 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-2.61	-6462.75	6462.75	Pass
-10 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-3.71	-6512.25	6512.25	Pass

4.7. LTE-A Frequency Stability_Part22-24-27(0 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-5.52	-6468.75	6468.75	Pass
0 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC 1	-3.85	-6506.25	6506.25	Pass
0 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	3.74	-6468.75	6468.75	Pass
0 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC 1	3.18	-6506.25	6506.25	Pass
0 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-0.5	-6462.75	6462.75	Pass
0 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	1.76	-6512.25	6512.25	Pass
0 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-0.42	-6462.75	6462.75	Pass
0 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	1.51	-6512.25	6512.25	Pass

4.8. LTE-A Frequency Stability_Part22-24-27(10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-4.37	-6468.75	6468.75	Pass
10 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC 1	-4.32	-6506.25	6506.25	Pass
10 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-0.4	-6468.75	6468.75	Pass
10 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC 1	-1.67	-6506.25	6506.25	Pass
10 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-2.04	-6462.75	6462.75	Pass
10 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-6.31	-6512.25	6512.25	Pass
10 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-4.54	-6462.75	6462.75	Pass
10 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-4.98	-6512.25	6512.25	Pass

4.9. LTE-A Frequency Stability_Part22-24-27(20 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-3.31	-6468.75	6468.75	Pass
20 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC 1	-2.44	-6506.25	6506.25	Pass
20 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	6.01	-6468.75	6468.75	Pass
20 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC 1	8.15	-6506.25	6506.25	Pass
20 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-5.42	-6462.75	6462.75	Pass
20 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-4.14	-6512.25	6512.25	Pass
20 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	0.26	-6462.75	6462.75	Pass
20 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-0.3	-6512.25	6512.25	Pass

4.10. LTE-A Frequency Stability_Part22-24-27(25 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-2.41	-6468.75	6468.75	Pass
25 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC 1	-0.47	-6506.25	6506.25	Pass
25 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	5.93	-6468.75	6468.75	Pass
25 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC 1	1.85	-6506.25	6506.25	Pass
25 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-6.4	-6462.75	6462.75	Pass
25 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-6.88	-6512.25	6512.25	Pass
25 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	0.95	-6462.75	6462.75	Pass
25 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	0.66	-6512.25	6512.25	Pass

4.11. LTE-A Frequency Stability_Part22-24-27(30 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	1.77	-6468.75	6468.75	Pass
30 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC 1	4.58	-6506.25	6506.25	Pass
30 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	2.48	-6468.75	6468.75	Pass
30 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC 1	1.83	-6506.25	6506.25	Pass
30 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-1.63	-6462.75	6462.75	Pass
30 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	0.71	-6512.25	6512.25	Pass
30 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-4.9	-6462.75	6462.75	Pass
30 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	0.86	-6512.25	6512.25	Pass

4.12. LTE-A Frequency Stability_Part22-24-27(40 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-4.64	-6468.75	6468.75	Pass
40 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC 1	-1.76	-6506.25	6506.25	Pass
40 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	0.58	-6468.75	6468.75	Pass
40 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC 1	-0.1	-6506.25	6506.25	Pass
40 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-3.23	-6462.75	6462.75	Pass
40 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-4.84	-6512.25	6512.25	Pass
40 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-7.83	-6462.75	6462.75	Pass
40 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-1.94	-6512.25	6512.25	Pass

4.13. LTE-A Frequency Stability_Part22-24-27(50 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-4.19	-6468.75	6468.75	Pass
50 Degree	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC 1	-6.38	-6506.25	6506.25	Pass
50 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-2.08	-6468.75	6468.75	Pass
50 Degree	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC 1	0.26	-6506.25	6506.25	Pass
50 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-4.47	-6462.75	6462.75	Pass
50 Degree	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-2.14	-6512.25	6512.25	Pass
50 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-2.34	-6462.75	6462.75	Pass
50 Degree	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	2.29	-6512.25	6512.25	Pass

4.14. LTE-A Frequency Stability_Part22-24-27(NTHV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-1.69	-6468.75	6468.75	Pass
NTHV	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC 1	-3.13	-6506.25	6506.25	Pass
NTHV	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-2.45	-6468.75	6468.75	Pass
NTHV	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC 1	-1.89	-6506.25	6506.25	Pass
NTHV	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-4.39	-6462.75	6462.75	Pass
NTHV	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-1.19	-6512.25	6512.25	Pass
NTHV	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	0.14	-6462.75	6462.75	Pass
NTHV	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	1.22	-6512.25	6512.25	Pass

4.15. LTE-A Frequency Stability_Part22-24-27(NTLV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	PCC	-9.34	-6468.75	6468.75	Pass
NTLV	37925 | 38075	15 | 15	QPSK	Full | Full	Low | Low	SCC 1	-3.75	-6506.25	6506.25	Pass
NTLV	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	PCC	-1.77	-6468.75	6468.75	Pass
NTLV	37925 | 38075	15 | 15	16QAM	Full | Full	Low | Low	SCC 1	-3.62	-6506.25	6506.25	Pass
NTLV	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	PCC	-2.03	-6462.75	6462.75	Pass
NTLV	37901 | 38099	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-3.19	-6512.25	6512.25	Pass
NTLV	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	PCC	-6.06	-6462.75	6462.75	Pass
NTLV	37901 | 38099	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	0.67	-6512.25	6512.25	Pass

5. CA_41C_full

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

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	PCC	-4.41	-6476.25	6476.25	Pass
-10 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-2.03	-6505.5	6505.5	Pass
-10 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	PCC	-3	-6476.25	6476.25	Pass
-10 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-1.8	-6505.5	6505.5	Pass
-10 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	PCC	-0.07	-6457.75	6457.75	Pass
-10 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-2.56	-6507.25	6507.25	Pass
-10 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	PCC	-2.5	-6457.75	6457.75	Pass
-10 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	1.85	-6507.25	6507.25	Pass

5.6. LTE-A Frequency Stability_Part22-24-27(0 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	PCC	-4.05	-6476.25	6476.25	Pass
0 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	0.35	-6505.5	6505.5	Pass
0 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	PCC	-3.78	-6476.25	6476.25	Pass
0 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-1.9	-6505.5	6505.5	Pass
0 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	PCC	-1.56	-6457.75	6457.75	Pass
0 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-5.68	-6507.25	6507.25	Pass
0 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	PCC	-3.81	-6457.75	6457.75	Pass
0 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-7.27	-6507.25	6507.25	Pass

5.7. LTE-A Frequency Stability_Part22-24-27(10 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	PCC	-4.57	-6476.25	6476.25	Pass
10 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-5.11	-6505.5	6505.5	Pass
10 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	PCC	-1.07	-6476.25	6476.25	Pass
10 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-3.1	-6505.5	6505.5	Pass
10 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	PCC	-8.97	-6457.75	6457.75	Pass
10 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-3.71	-6507.25	6507.25	Pass
10 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	PCC	-2.62	-6457.75	6457.75	Pass
10 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-2.59	-6507.25	6507.25	Pass

5.8. LTE-A Frequency Stability_Part22-24-27(20 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	PCC	-2.06	-6476.25	6476.25	Pass
20 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-0.97	-6505.5	6505.5	Pass
20 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	PCC	-1.04	-6476.25	6476.25	Pass
20 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-1.89	-6505.5	6505.5	Pass
20 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	PCC	-9.22	-6457.75	6457.75	Pass
20 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-3.9	-6507.25	6507.25	Pass
20 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	PCC	-0.77	-6457.75	6457.75	Pass
20 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-8.15	-6507.25	6507.25	Pass

5.9. LTE-A Frequency Stability_Part22-24-27(25 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	PCC	-1.18	-6476.25	6476.25	Pass
25 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-0.81	-6505.5	6505.5	Pass
25 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	PCC	-2.88	-6476.25	6476.25	Pass
25 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-4.62	-6505.5	6505.5	Pass
25 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	PCC	-2.6	-6457.75	6457.75	Pass
25 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-2.18	-6507.25	6507.25	Pass
25 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	PCC	-2.36	-6457.75	6457.75	Pass
25 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-6.29	-6507.25	6507.25	Pass

5.10. LTE-A Frequency Stability_Part22-24-27(30 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	PCC	-2.16	-6476.25	6476.25	Pass
30 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-3.83	-6505.5	6505.5	Pass
30 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	PCC	2.43	-6476.25	6476.25	Pass
30 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	2.04	-6505.5	6505.5	Pass
30 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	PCC	-7.67	-6457.75	6457.75	Pass
30 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-5.33	-6507.25	6507.25	Pass
30 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	PCC	-4.95	-6457.75	6457.75	Pass
30 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-5.86	-6507.25	6507.25	Pass

5.11. LTE-A Frequency Stability_Part22-24-27(40 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	PCC	-6.23	-6476.25	6476.25	Pass
40 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-11.19	-6505.5	6505.5	Pass
40 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	PCC	3.37	-6476.25	6476.25	Pass
40 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	3.56	-6505.5	6505.5	Pass
40 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	PCC	-6.9	-6457.75	6457.75	Pass
40 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-5.72	-6507.25	6507.25	Pass
40 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	PCC	-3.21	-6457.75	6457.75	Pass
40 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-5.92	-6507.25	6507.25	Pass

5.12. LTE-A Frequency Stability_Part22-24-27(50 Degree)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	PCC	-1.97	-6476.25	6476.25	Pass
50 Degree	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-0.23	-6505.5	6505.5	Pass
50 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	PCC	-0.8	-6476.25	6476.25	Pass
50 Degree	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-1.42	-6505.5	6505.5	Pass
50 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	PCC	-7.67	-6457.75	6457.75	Pass
50 Degree	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-7	-6507.25	6507.25	Pass
50 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	PCC	-7.59	-6457.75	6457.75	Pass
50 Degree	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-7.22	-6507.25	6507.25	Pass

5.13. LTE-A Frequency Stability_Part22-24-27(NTHV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	PCC	-4.76	-6476.25	6476.25	Pass
NTHV	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-4.09	-6505.5	6505.5	Pass
NTHV	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	PCC	-1.08	-6476.25	6476.25	Pass
NTHV	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-3.19	-6505.5	6505.5	Pass
NTHV	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	PCC	-4.56	-6457.75	6457.75	Pass
NTHV	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-4.91	-6507.25	6507.25	Pass
NTHV	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	PCC	-6.7	-6457.75	6457.75	Pass
NTHV	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	-4.53	-6507.25	6507.25	Pass

5.14. LTE-A Frequency Stability_Part22-24-27(NTLV)

Test Environment	UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	PCC	-2.99	-6476.25	6476.25	Pass
NTLV	40595 | 40712	20 | 5	QPSK	Full | Full	Low | Low	SCC 1	-2.81	-6505.5	6505.5	Pass
NTLV	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	PCC	-0.36	-6476.25	6476.25	Pass
NTLV	40595 | 40712	20 | 5	16QAM	Full | Full	Low | Low	SCC 1	-0.95	-6505.5	6505.5	Pass
NTLV	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	PCC	-5.74	-6457.75	6457.75	Pass
NTLV	40521 | 40719	20 | 20	QPSK	Full | Full	Low | Low	SCC 1	-5.44	-6507.25	6507.25	Pass
NTLV	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	PCC	-0.84	-6457.75	6457.75	Pass
NTLV	40521 | 40719	20 | 20	16QAM	Full | Full	Low | Low	SCC 1	0.88	-6507.25	6507.25	Pass

1. n5

1.1. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	167300	20	15	DFT-s-OFDM	100	0	QPSK	-3.1	-2091.25	2091.25	Pass

1.2. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	167300	20	15	DFT-s-OFDM	100	0	QPSK	-3.64	-2091.25	2091.25	Pass

1.3. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	167300	20	15	DFT-s-OFDM	100	0	QPSK	-4.41	-2091.25	2091.25	Pass

1.4. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	167300	20	15	DFT-s-OFDM	100	0	QPSK	-6.77	-2091.25	2091.25	Pass

1.5. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	167300	20	15	DFT-s-OFDM	100	0	QPSK	-6.47	-2091.25	2091.25	Pass

1.6. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	167300	20	15	DFT-s-OFDM	100	0	QPSK	-7.76	-2091.25	2091.25	Pass

1.7. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	167300	20	15	DFT-s-OFDM	100	0	QPSK	-7.09	-2091.25	2091.25	Pass

1.8. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	167300	20	15	DFT-s-OFDM	100	0	QPSK	-7	-2091.25	2091.25	Pass

1.9. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	167300	20	15	DFT-s-OFDM	100	0	QPSK	-6.86	-2091.25	2091.25	Pass

1.10. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	167300	20	15	DFT-s-OFDM	100	0	QPSK	-7.01	-2091.25	2091.25	Pass

2. n12

2.1. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	141500	15	15	DFT-s-OFDM	75	0	QPSK	-0.29	-1768.75	1768.75	Pass

2.2. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	141500	15	15	DFT-s-OFDM	75	0	QPSK	-3.24	-1768.75	1768.75	Pass

2.3. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	141500	15	15	DFT-s-OFDM	75	0	QPSK	-3.55	-1768.75	1768.75	Pass

2.4. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.32	-1768.75	1768.75	Pass

2.5. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	141500	15	15	DFT-s-OFDM	75	0	QPSK	-2.75	-1768.75	1768.75	Pass

2.6. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	141500	15	15	DFT-s-OFDM	75	0	QPSK	-3.92	-1768.75	1768.75	Pass

2.7. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	141500	15	15	DFT-s-OFDM	75	0	QPSK	-3.91	-1768.75	1768.75	Pass

2.8. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	141500	15	15	DFT-s-OFDM	75	0	QPSK	-3.28	-1768.75	1768.75	Pass

2.9. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	141500	15	15	DFT-s-OFDM	75	0	QPSK	-5.41	-1768.75	1768.75	Pass

2.10. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	141500	15	15	DFT-s-OFDM	75	0	QPSK	-4.5	-1768.75	1768.75	Pass

3. n7

3.1. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict

3.2. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	507000	20	15	DFT-s-OFDM	100	0	QPSK	0.35	-6337.5	6337.5	Pass

3.3. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	507000	20	15	DFT-s-OFDM	100	0	QPSK	0.67	-6337.5	6337.5	Pass

3.4. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	507000	20	15	DFT-s-OFDM	100	0	QPSK	-0.46	-6337.5	6337.5	Pass

3.5. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	507000	20	15	DFT-s-OFDM	100	0	QPSK	-2.42	-6337.5	6337.5	Pass

3.6. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	507000	20	15	DFT-s-OFDM	100	0	QPSK	-3.95	-6337.5	6337.5	Pass

3.7. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	507000	20	15	DFT-s-OFDM	100	0	QPSK	-4.06	-6337.5	6337.5	Pass

3.8. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	507000	20	15	DFT-s-OFDM	100	0	QPSK	-10.09	-6337.5	6337.5	Pass

3.9. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	507000	20	15	DFT-s-OFDM	100	0	QPSK	-10.18	-6337.5	6337.5	Pass

3.10. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	507000	20	15	DFT-s-OFDM	100	0	QPSK	-11.69	-6337.5	6337.5	Pass

3.11. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	507000	20	15	DFT-s-OFDM	100	0	QPSK	-10.24	-6337.5	6337.5	Pass

4. n66

4.1. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	349000	40	15	DFT-s-OFDM	216	0	QPSK	-0.11	-4362.5	4362.5	Pass

4.2. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	349000	40	15	DFT-s-OFDM	216	0	QPSK	-0.78	-4362.5	4362.5	Pass

4.3. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	349000	40	15	DFT-s-OFDM	216	0	QPSK	-2.99	-4362.5	4362.5	Pass

4.4. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	349000	40	15	DFT-s-OFDM	216	0	QPSK	-4.83	-4362.5	4362.5	Pass

4.5. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	349000	40	15	DFT-s-OFDM	216	0	QPSK	-7.66	-4362.5	4362.5	Pass

4.6. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	349000	40	15	DFT-s-OFDM	216	0	QPSK	-7.26	-4362.5	4362.5	Pass

4.7. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	349000	40	15	DFT-s-OFDM	216	0	QPSK	-6.55	-4362.5	4362.5	Pass

4.8. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	349000	40	15	DFT-s-OFDM	216	0	QPSK	-5.03	-4362.5	4362.5	Pass

4.9. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	349000	40	15	DFT-s-OFDM	216	0	QPSK	-3.69	-4362.5	4362.5	Pass

4.10. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	349000	40	15	DFT-s-OFDM	216	0	QPSK	-3.4	-4362.5	4362.5	Pass

5. n38_PC3

5.1. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	519000	20	30	DFT-s-OFDM	50	0	QPSK	-2.91	-6487.5	6487.5	Pass

5.2. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	519000	20	30	DFT-s-OFDM	50	0	QPSK	-1.76	-6487.5	6487.5	Pass

5.3. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	519000	20	30	DFT-s-OFDM	50	0	QPSK	-3.92	-6487.5	6487.5	Pass

5.4. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	519000	20	30	DFT-s-OFDM	50	0	QPSK	-0.27	-6487.5	6487.5	Pass

5.5. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	519000	20	30	DFT-s-OFDM	50	0	QPSK	-0.57	-6487.5	6487.5	Pass

5.6. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	519000	20	30	DFT-s-OFDM	50	0	QPSK	-6.85	-6487.5	6487.5	Pass

5.7. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	519000	20	30	DFT-s-OFDM	50	0	QPSK	-2.49	-6487.5	6487.5	Pass

5.8. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	519000	20	30	DFT-s-OFDM	50	0	QPSK	0.09	-6487.5	6487.5	Pass

5.9. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	519000	20	30	DFT-s-OFDM	50	0	QPSK	-2.39	-6487.5	6487.5	Pass

5.10. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	519000	20	30	DFT-s-OFDM	50	0	QPSK	-0.62	-6487.5	6487.5	Pass

6. n41

6.1. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	518598	100	30	DFT-s-OFDM	270	0	QPSK	-8.2	-6482.47	6482.47	Pass

6.2. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	518598	100	30	DFT-s-OFDM	270	0	QPSK	-8.45	-6482.47	6482.47	Pass

6.3. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	518598	100	30	DFT-s-OFDM	270	0	QPSK	-12.56	-6482.47	6482.47	Pass

6.4. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	518598	100	30	DFT-s-OFDM	270	0	QPSK	-8.17	-6482.47	6482.47	Pass

6.5. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	518598	100	30	DFT-s-OFDM	270	0	QPSK	-9.52	-6482.47	6482.47	Pass

6.6. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	518598	100	30	DFT-s-OFDM	270	0	QPSK	-8.04	-6482.47	6482.47	Pass

6.7. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	518598	100	30	DFT-s-OFDM	270	0	QPSK	-7.28	-6482.47	6482.47	Pass

6.8. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	518598	100	30	DFT-s-OFDM	270	0	QPSK	-8.89	-6482.47	6482.47	Pass

6.9. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	518598	100	30	DFT-s-OFDM	270	0	QPSK	-11.09	-6482.47	6482.47	Pass

6.10. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	518598	100	30	DFT-s-OFDM	270	0	QPSK	-8.42	-6482.47	6482.47	Pass

7. n77 (3450-3550)

7.1. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-10.25	-8749.95	8749.95	Pass

7.2. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-18.96	-8749.95	8749.95	Pass

7.3. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-13.3	-8749.95	8749.95	Pass

7.4. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-15.1	-8749.95	8749.95	Pass

7.5. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-13.96	-8749.95	8749.95	Pass

7.6. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-18.03	-8749.95	8749.95	Pass

7.7. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-10.01	-8749.95	8749.95	Pass

7.8. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-10.08	-8749.95	8749.95	Pass

7.9. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	633332	100	30	DFT-s-OFDM	270	0	QPSK	-13.47	-8749.95	8749.95	Pass

7.10. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	633332	100	30	DFT-s-OFDM	270	0	QPSK	-15.42	-8749.95	8749.95	Pass

8. n77 (3700-3980)

8.1. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	656000	100	30	DFT-s-OFDM	270	0	QPSK	-20.4	-9600	9600	Pass

8.2. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	656000	100	30	DFT-s-OFDM	270	0	QPSK	-5.37	-9600	9600	Pass

8.3. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	656000	100	30	DFT-s-OFDM	270	0	QPSK	-9.12	-9600	9600	Pass

8.4. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	656000	100	30	DFT-s-OFDM	270	0	QPSK	-5.2	-9600	9600	Pass

8.5. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	656000	100	30	DFT-s-OFDM	270	0	QPSK	-9.41	-9600	9600	Pass

8.6. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	656000	100	30	DFT-s-OFDM	270	0	QPSK	-5.87	-9600	9600	Pass

8.7. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	656000	100	30	DFT-s-OFDM	270	0	QPSK	-8.14	-9600	9600	Pass

8.8. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	656000	100	30	DFT-s-OFDM	270	0	QPSK	-7.46	-9600	9600	Pass

8.9. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	656000	100	30	DFT-s-OFDM	270	0	QPSK	-6.47	-9600	9600	Pass

8.10. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	656000	100	30	DFT-s-OFDM	270	0	QPSK	-4.3	-9600	9600	Pass

9. n78 (3450-3550)

9.1. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-7.64	-8749.95	8749.95	Pass

9.2. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-8.28	-8749.95	8749.95	Pass

9.3. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-7.32	-8749.95	8749.95	Pass

9.4. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-11.88	-8749.95	8749.95	Pass

9.5. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-11.79	-8749.95	8749.95	Pass

9.6. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-6.59	-8749.95	8749.95	Pass

9.7. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-10.96	-8749.95	8749.95	Pass

9.8. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	633332	100	30	DFT-s-OFDM	270	0	QPSK	-11.51	-8749.95	8749.95	Pass

9.9. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	633332	100	30	DFT-s-OFDM	270	0	QPSK	-11.02	-8749.95	8749.95	Pass

9.10. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	633332	100	30	DFT-s-OFDM	270	0	QPSK	-7.28	-8749.95	8749.95	Pass

10. n78 (3700-3800)

10.6. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
-10 Degree	650000	100	30	DFT-s-OFDM	270	0	QPSK	-12.08	-9375	9375	Pass

10.7. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
0 Degree	650000	100	30	DFT-s-OFDM	270	0	QPSK	-9.47	-9375	9375	Pass

10.8. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
10 Degree	650000	100	30	DFT-s-OFDM	270	0	QPSK	-8.7	-9375	9375	Pass

10.9. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
20 Degree	650000	100	30	DFT-s-OFDM	270	0	QPSK	-11	-9375	9375	Pass

10.10. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
25 Degree	650000	100	30	DFT-s-OFDM	270	0	QPSK	-10.23	-9375	9375	Pass

10.11. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
30 Degree	650000	100	30	DFT-s-OFDM	270	0	QPSK	-11.29	-9375	9375	Pass

10.12. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
40 Degree	650000	100	30	DFT-s-OFDM	270	0	QPSK	-8.72	-9375	9375	Pass

10.13. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
50 Degree	650000	100	30	DFT-s-OFDM	270	0	QPSK	-6.28	-9375	9375	Pass

10.14. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTHV	650000	100	30	DFT-s-OFDM	270	0	QPSK	-13.18	-9375	9375	Pass

10.15. Frequency Error for SA_Part22-24-27

Test Environment	UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
NTLV	650000	100	30	DFT-s-OFDM	270	0	QPSK	-7.29	-9375	9375	Pass