

Frequency Stability

LTE

LTE Band 48 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3625 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	1.14	±9062.5	Pass
	-20	2.1		
	-10	0.46		
	0	0.16		
	+10	1.12		
	+20	1.77		
	+25	2.6		
	+30	0.36		
	+40	0.19		
	+50	1.46		
4.2	+25	-0.51	±9062.5	Pass
3.6	+25	-0.39		

LTE Band 48 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3625 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	0.47	±9062.5	Pass
	-20	1.52		
	-10	0.36		
	0	1.13		
	+10	0.23		
	+20	0.93		
	+25	0.99		
	+30	1.5		
	+40	1.79		
	+50	0.31		
4.2	+25	0.04	±9062.5	Pass
3.6	+25	0.17		

LTE CA

CA 48C QPSK 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC UL Channel 55965		SCC UL Channel 56082		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.85	-30	16	±9085.5	-38.8	±9085.5	Pass
	-20	14.8		-38.2		
	-10	13.2		-37.3		
	0	14.7		-38.9		
	+10	11.8		-39.8		
	+20	12.9		-40.6		
	+25	14		-40		
	+30	16.9		-34		
	+40	11.4		-37.6		
	+50	8.3		-40		
4.4	+25	13.2		-38.2		
3.45	+25	11.4		41.76		

CA 48C 16QAM 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC UL Channel 55965		SCC UL Channel 56082		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.85	-30	14.8	±9085.5	-34.3	±9085.5	Pass
	-20	14.7		-39.4		
	-10	12.9		-37.1		
	0	16.9		-38		
	+10	8.3		-40.7		
	+20	11.4		-38.6		
	+25	7.3		-35.2		
	+30	10.3		-45.2		
	+40	12.1		-34.2		
	+50	13.9		-33.9		
4.4	+25	15.4		-36.1		
3.45	+25	12.1		-41		

CA_48C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC UL Channel 55891		SCC UL Channel 56089		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.85	-30	45.8	±9087.25	-37.4	±9087.25	Pass
	-20	44.9		-39.8		
	-10	47.8		-40.9		
	0	46.9		-37.7		
	+10	47.2		-34.2		
	+20	42.7		-36.2		
	+25	44.6		-36.7		
	+30	46.5		-38.9		
	+40	47.3		-39.2		
	+50	50.3		-39.4		
4.4	+25	47.2		-39.2		
3.45	+25	45.3		41.76		

CA_48C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC UL Channel 55891		SCC UL Channel 56089		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.85	-30	49.5	±9087.25	-37.4	±9087.25	Pass
	-20	48		-40.7		
	-10	48.5		-38		
	0	49		-38		
	+10	44.6		-41.1		
	+20	46.4		-41.9		
	+25	45.8		-39.7		
	+30	45.8		-40.7		
	+40	45.2		-41.9		
	+50	49.5		-38.3		
4.4	+25	46		-42.3		
3.45	+25	42.2		-40.3		

NR

NR Band n48 QPSK 40 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3624.99 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-3.21	±9062.47	Pass
	-20	-8.4		
	-10	-6.06		
	0	-12.68		
	+10	-1.13		
	+20	-13.34		
	+25	-5.62		
	+30	-3.06		
	+40	-3.14		
	+50	-4.08		
4.2	+25	-4.13	±9062.47	Pass
3.6	+25	-5.31		

LTE_Band48

1.1 LTE Frequency Stability_Part96(-30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
55990	10	QPSK	50	LOW	-9062.5	9062.5	1.14	Pass
55990	10	Q16	50	LOW	-9062.5	9062.5	0.47	Pass

1.2 LTE Frequency Stability_Part96(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
55990	10	QPSK	50	LOW	-9062.5	9062.5	2.1	Pass
55990	10	Q16	50	LOW	-9062.5	9062.5	1.52	Pass

1.3 LTE Frequency Stability_Part96(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
55990	10	QPSK	50	LOW	-9062.5	9062.5	0.46	Pass
55990	10	Q16	50	LOW	-9062.5	9062.5	0.36	Pass

1.4 LTE Frequency Stability_Part96(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
55990	10	QPSK	50	LOW	-9062.5	9062.5	0.16	Pass
55990	10	Q16	50	LOW	-9062.5	9062.5	1.13	Pass

1.5 LTE Frequency Stability_Part96(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
55990	10	QPSK	50	LOW	-9062.5	9062.5	1.12	Pass
55990	10	Q16	50	LOW	-9062.5	9062.5	0.23	Pass

1.6 LTE Frequency Stability_Part96(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
55990	10	QPSK	50	LOW	-9062.5	9062.5	1.77	Pass
55990	10	Q16	50	LOW	-9062.5	9062.5	0.93	Pass

1.7 LTE Frequency Stability_Part96(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
55990	10	QPSK	50	LOW	-9062.5	9062.5	2.6	Pass
55990	10	Q16	50	LOW	-9062.5	9062.5	0.99	Pass

1.8 LTE Frequency Stability_Part96(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
55990	10	QPSK	50	LOW	-9062.5	9062.5	0.36	Pass
55990	10	Q16	50	LOW	-9062.5	9062.5	1.5	Pass

1.9 LTE Frequency Stability_Part96(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
55990	10	QPSK	50	LOW	-9062.5	9062.5	0.19	Pass
55990	10	Q16	50	LOW	-9062.5	9062.5	1.79	Pass

1.10 LTE Frequency Stability_Part96(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
55990	10	QPSK	50	LOW	-9062.5	9062.5	1.46	Pass
55990	10	Q16	50	LOW	-9062.5	9062.5	0.31	Pass

1.11 LTE Frequency Stability_Part96(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
55990	10	QPSK	50	LOW	-9062.5	9062.5	-0.51	Pass
55990	10	Q16	50	LOW	-9062.5	9062.5	0.04	Pass

1.12 LTE Frequency Stability_Part96(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (Hz)	Upper Limit (Hz)	Measured (Hz)	Verdict
55990	10	QPSK	50	LOW	-9062.5	9062.5	-0.39	Pass
55990	10	Q16	50	LOW	-9062.5	9062.5	0.17	Pass

CA_48C

1.1 LTE-A Frequency Stability_Part96(-30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
55965 56082	20 5	QPSK	Full Full	Low Low	PCC	16	-9056.25	9056.25	Pass
55965 56082	20 5	QPSK	Full Full	Low Low	SCC1	-38.7	-9085.5	9085.5	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	PCC	14.8	-9056.25	9056.25	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	SCC1	-34.3	-9085.5	9085.5	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	PCC	45.8	-9037.75	9037.75	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	SCC1	-36.6	-9087.25	9087.25	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	PCC	49.5	-9037.75	9037.75	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	SCC1	-37.4	-9087.25	9087.25	Pass

1.2 LTE-A Frequency Stability_Part96(-20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
55965 56082	20 5	QPSK	Full Full	Low Low	PCC	13.2	-9056.25	9056.25	Pass
55965 56082	20 5	QPSK	Full Full	Low Low	SCC1	-38.8	-9085.5	9085.5	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	PCC	14.7	-9056.25	9056.25	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	SCC1	-39.4	-9085.5	9085.5	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	PCC	44.9	-9037.75	9037.75	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	SCC1	-37.4	-9087.25	9087.25	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	PCC	48	-9037.75	9037.75	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	SCC1	-40.7	-9087.25	9087.25	Pass

1.3 LTE-A Frequency Stability_Part96(-10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
55965 56082	20 5	QPSK	Full Full	Low Low	PCC	11.8	-9056.25	9056.25	Pass
55965 56082	20 5	QPSK	Full Full	Low Low	SCC1	-38.2	-9085.5	9085.5	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	PCC	12.9	-9056.25	9056.25	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	SCC1	-37.1	-9085.5	9085.5	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	PCC	47.8	-9037.75	9037.75	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	SCC1	-39.8	-9087.25	9087.25	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	PCC	48.5	-9037.75	9037.75	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	SCC1	-38	-9087.25	9087.25	Pass

1.4 LTE-A Frequency Stability_Part96(0 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
55965 56082	20 5	QPSK	Full Full	Low Low	PCC	14	-9056.25	9056.25	Pass
55965 56082	20 5	QPSK	Full Full	Low Low	SCC1	-37.3	-9085.5	9085.5	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	PCC	16.9	-9056.25	9056.25	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	SCC1	-38	-9085.5	9085.5	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	PCC	46.9	-9037.75	9037.75	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	SCC1	-40.9	-9087.25	9087.25	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	PCC	49	-9037.75	9037.75	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	SCC1	-38	-9087.25	9087.25	Pass

1.5 LTE-A Frequency Stability_Part96(10 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
55965 56082	20 5	QPSK	Full Full	Low Low	PCC	11.4	-9056.25	9056.25	Pass
55965 56082	20 5	QPSK	Full Full	Low Low	SCC1	-38.9	-9085.5	9085.5	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	PCC	8.3	-9056.25	9056.25	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	SCC1	-40.7	-9085.5	9085.5	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	PCC	47.2	-9037.75	9037.75	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	SCC1	-37.7	-9087.25	9087.25	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	PCC	44.6	-9037.75	9037.75	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	SCC1	-41.1	-9087.25	9087.25	Pass

1.6 LTE-A Frequency Stability_Part96(20 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
55965 56082	20 5	QPSK	Full Full	Low Low	PCC	13.2	-9056.25	9056.25	Pass
55965 56082	20 5	QPSK	Full Full	Low Low	SCC1	-39.8	-9085.5	9085.5	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	PCC	11.4	-9056.25	9056.25	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	SCC1	-38.6	-9085.5	9085.5	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	PCC	42.7	-9037.75	9037.75	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	SCC1	-34.2	-9087.25	9087.25	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	PCC	46.4	-9037.75	9037.75	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	SCC1	-41.9	-9087.25	9087.25	Pass

1.7 LTE-A Frequency Stability_Part96(25 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
55965 56082	20 5	QPSK	Full Full	Low Low	PCC	13.9	-9056.25	9056.25	Pass
55965 56082	20 5	QPSK	Full Full	Low Low	SCC1	-40.6	-9085.5	9085.5	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	PCC	7.3	-9056.25	9056.25	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	SCC1	-35.2	-9085.5	9085.5	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	PCC	44.6	-9037.75	9037.75	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	SCC1	-36.2	-9087.25	9087.25	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	PCC	45.8	-9037.75	9037.75	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	SCC1	-39.7	-9087.25	9087.25	Pass

1.8 LTE-A Frequency Stability_Part96(30 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
55965 56082	20 5	QPSK	Full Full	Low Low	PCC	11.9	-9056.25	9056.25	Pass
55965 56082	20 5	QPSK	Full Full	Low Low	SCC1	-40	-9085.5	9085.5	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	PCC	10.3	-9056.25	9056.25	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	SCC1	-45.2	-9085.5	9085.5	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	PCC	46.5	-9037.75	9037.75	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	SCC1	-36.7	-9087.25	9087.25	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	PCC	45.8	-9037.75	9037.75	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	SCC1	-40.7	-9087.25	9087.25	Pass

1.9 LTE-A Frequency Stability_Part96(40 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
55965 56082	20 5	QPSK	Full Full	Low Low	PCC	6.7	-9056.25	9056.25	Pass
55965 56082	20 5	QPSK	Full Full	Low Low	SCC1	-34	-9085.5	9085.5	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	PCC	12.1	-9056.25	9056.25	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	SCC1	-34.2	-9085.5	9085.5	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	PCC	47.3	-9037.75	9037.75	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	SCC1	-38.9	-9087.25	9087.25	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	PCC	45.2	-9037.75	9037.75	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	SCC1	-41.9	-9087.25	9087.25	Pass

1.10 LTE-A Frequency Stability_Part96(50 Degree)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
55965 56082	20 5	QPSK	Full Full	Low Low	PCC	16.9	-9056.25	9056.25	Pass
55965 56082	20 5	QPSK	Full Full	Low Low	SCC1	-37.6	-9085.5	9085.5	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	PCC	13.9	-9056.25	9056.25	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	SCC1	-33.9	-9085.5	9085.5	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	PCC	50.3	-9037.75	9037.75	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	SCC1	-39.2	-9087.25	9087.25	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	PCC	49.5	-9037.75	9037.75	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	SCC1	-38.3	-9087.25	9087.25	Pass

1.11 LTE-A Frequency Stability_Part96(NTHV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
55965 56082	20 5	QPSK	Full Full	Low Low	PCC	16.1	-9056.25	9056.25	Pass
55965 56082	20 5	QPSK	Full Full	Low Low	SCC1	-40	-9085.5	9085.5	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	PCC	15.4	-9056.25	9056.25	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	SCC1	-36.1	-9085.5	9085.5	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	PCC	47.2	-9037.75	9037.75	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	SCC1	-39.4	-9087.25	9087.25	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	PCC	46	-9037.75	9037.75	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	SCC1	-42.3	-9087.25	9087.25	Pass

1.12 LTE-A Frequency Stability_Part96(NTLV)

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Test Carrier	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
55965 56082	20 5	QPSK	Full Full	Low Low	PCC	10.1	-9056.25	9056.25	Pass
55965 56082	20 5	QPSK	Full Full	Low Low	SCC1	-38.2	-9085.5	9085.5	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	PCC	12.1	-9056.25	9056.25	Pass
55965 56082	20 5	16QAM	Full Full	Low Low	SCC1	-41	-9085.5	9085.5	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	PCC	45.3	-9037.75	9037.75	Pass
55891 56089	20 20	QPSK	Full Full	Low Low	SCC1	-39.2	-9087.25	9087.25	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	PCC	42.2	-9037.75	9037.75	Pass
55891 56089	20 20	16QAM	Full Full	Low Low	SCC1	-40.3	-9087.25	9087.25	Pass

n48 30kHz

1.1 Frequency Error for SA_Part96(-30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
641666	40	30	DFT-s-OFDM	100	0	QPSK	-3.21	-9062.47	9062.47	Pass

1.2 Frequency Error for SA_Part96(-20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
641666	40	30	DFT-s-OFDM	100	0	QPSK	-8.4	-9062.47	9062.47	Pass

1.3 Frequency Error for SA_Part96(-10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
641666	40	30	DFT-s-OFDM	100	0	QPSK	-6.06	-9062.47	9062.47	Pass

1.4 Frequency Error for SA_Part96(0 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
641666	40	30	DFT-s-OFDM	100	0	QPSK	-12.68	-9062.47	9062.47	Pass

1.5 Frequency Error for SA_Part96(10 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
641666	40	30	DFT-s-OFDM	100	0	QPSK	-1.13	-9062.47	9062.47	Pass

1.6 Frequency Error for SA_Part96(20 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
641666	40	30	DFT-s-OFDM	100	0	QPSK	-13.34	-9062.47	9062.47	Pass

1.7 Frequency Error for SA_Part96(25 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
641666	40	30	DFT-s-OFDM	100	0	QPSK	-5.62	-9062.47	9062.47	Pass

1.8 Frequency Error for SA_Part96(30 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
641666	40	30	DFT-s-OFDM	100	0	QPSK	-3.06	-9062.47	9062.47	Pass

1.9 Frequency Error for SA_Part96(40 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
641666	40	30	DFT-s-OFDM	100	0	QPSK	-3.14	-9062.47	9062.47	Pass

1.10 Frequency Error for SA_Part96(50 Degree)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
641666	40	30	DFT-s-OFDM	100	0	QPSK	-4.08	-9062.47	9062.47	Pass

1.11 Frequency Error for SA_Part96(NTHV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
641666	40	30	DFT-s-OFDM	100	0	QPSK	-4.13	-9062.47	9062.47	Pass

1.12 Frequency Error for SA_Part96(NTLV)

UL Channel	Bandwidth (MHz)	SCS (kHz)	UL OFDM	UL RB Number	UL RB Position	Modulation	Measured (Hz)	Lower Limit (Hz)	Upper Limit (Hz)	Verdict
641666	40	30	DFT-s-OFDM	100	0	QPSK	-5.31	-9062.47	9062.47	Pass

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