







Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_66A_n12A	15	5+5	CP-QPSK	M+L	Outer_Full	VN	NT	-5.19	-0.01	PASS
DC_66A_n12A	15	5+5	CP-16QAM	M+L	Outer_Full	VN	NT	0.16	0.00	PASS
DC_66A_n12A	15	5+5	CP-QPSK	M+M	Outer_Full	VN	NT	-4.43	-0.01	PASS
DC_66A_n12A	15	5+5	CP-16QAM	M+M	Outer_Full	VN	NT	-2.87	0.00	PASS
DC_66A_n12A	15	5+5	CP-QPSK	M+H	Outer_Full	VN	NT	-2.16	0.00	PASS
DC_66A_n12A	15	5+5	CP-16QAM	M+H	Outer_Full	VN	NT	-3.47	0.00	PASS
DC_66A_n12A	15	5+10	CP-QPSK	M+L	Outer_Full	VN	NT	0.42	0.00	PASS
DC_66A_n12A	15	5+10	CP-16QAM	M+L	Outer_Full	VN	NT	-2.19	0.00	PASS
DC_66A_n12A	15	5+10	CP-QPSK	M+M	Outer_Full	VN	NT	-7.44	-0.01	PASS
DC_66A_n12A	15	5+10	CP-16QAM	M+M	Outer_Full	VN	NT	3.06	0.00	PASS
DC_66A_n12A	15	5+10	CP-QPSK	M+H	Outer_Full	VN	NT	-2.70	0.00	PASS
DC_66A_n12A	15	5+10	CP-16QAM	M+H	Outer_Full	VN	NT	-0.78	0.00	PASS
DC_66A_n12A	15	5+15	CP-QPSK	M+L	Outer_Full	VN	NT	-6.03	-0.01	PASS
DC_66A_n12A	15	5+15	CP-16QAM	M+L	Outer_Full	VN	NT	-3.11	0.00	PASS
DC_66A_n12A	15	5+15	CP-QPSK	M+M	Outer_Full	VN	NT	0.29	0.00	PASS
DC_66A_n12A	15	5+15	CP-16QAM	M+M	Outer_Full	VN	NT	-1.56	0.00	PASS
DC_66A_n12A	15	5+15	CP-QPSK	M+H	Outer_Full	VN	NT	2.18	0.00	PASS

DC_66A_n12A	15	5+15	CP-16QAM	M+H	Outer_Full	VN	NT	-1.34	0.00	PASS
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Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_66A_n12A	15	5+5	CP-QPSK	M+L	Outer_Full	NV	TN	0.932251	0.001329	PASS
DC_66A_n12A	15	5+5	CP-16QAM	M+L	Outer_Full	NV	TN	2.308160	0.003290	PASS
DC_66A_n12A	15	5+5	CP-QPSK	M+M	Outer_Full	NV	TN	-5.344890	-0.007555	PASS
DC_66A_n12A	15	5+5	CP-16QAM	M+M	Outer_Full	NV	TN	1.464874	0.002070	PASS
DC_66A_n12A	15	5+5	CP-QPSK	M+H	Outer_Full	NV	TN	-3.255212	-0.004562	PASS
DC_66A_n12A	15	5+5	CP-16QAM	M+H	Outer_Full	NV	TN	-4.322711	-0.006058	PASS
DC_66A_n12A	15	5+10	CP-QPSK	M+L	Outer_Full	NV	TN	-1.924995	-0.002734	PASS
DC_66A_n12A	15	5+10	CP-16QAM	M+L	Outer_Full	NV	TN	7.133849	0.010133	PASS
DC_66A_n12A	15	5+10	CP-QPSK	M+M	Outer_Full	NV	TN	0.900158	0.001272	PASS
DC_66A_n12A	15	5+10	CP-16QAM	M+M	Outer_Full	NV	TN	3.368450	0.004761	PASS
DC_66A_n12A	15	5+10	CP-QPSK	M+H	Outer_Full	NV	TN	-2.956353	-0.004158	PASS
DC_66A_n12A	15	5+10	CP-16QAM	M+H	Outer_Full	NV	TN	-2.432294	-0.003421	PASS
DC_66A_n12A	15	5+15	CP-QPSK	M+L	Outer_Full	NV	TN	-1.005742	-0.001424	PASS
DC_66A_n12A	15	5+15	CP-16QAM	M+L	Outer_Full	NV	TN	-5.868733	-0.008307	PASS
DC_66A_n12A	15	5+15	CP-QPSK	M+M	Outer_Full	NV	TN	-1.540521	-0.002177	PASS
DC_66A_n12A	15	5+15	CP-16QAM	M+M	Outer_Full	NV	TN	-2.493466	-0.003524	PASS
DC_66A_n12A	15	5+15	CP-QPSK	M+H	Outer_Full	NV	TN	8.937230	0.012614	PASS
DC_66A_n12A	15	5+15	CP-16QAM	M+H	Outer_Full	NV	TN	5.708902	0.008058	PASS

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