







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_5A_n2A	15	5+5	CP-QPSK	M+L	Outer_Full	VN	NT	-0.96	0.00	PASS
DC_5A_n2A	15	5+5	CP-16QAM	M+L	Outer_Full	VN	NT	1.76	0.00	PASS
DC_5A_n2A	15	5+5	CP-QPSK	M+M	Outer_Full	VN	NT	11.42	0.01	PASS
DC_5A_n2A	15	5+5	CP-16QAM	M+M	Outer_Full	VN	NT	-2.18	0.00	PASS
DC_5A_n2A	15	5+5	CP-QPSK	M+H	Outer_Full	VN	NT	3.82	0.00	PASS
DC_5A_n2A	15	5+5	CP-16QAM	M+H	Outer_Full	VN	NT	-0.26	0.00	PASS
DC_5A_n2A	15	5+10	CP-QPSK	M+L	Outer_Full	VN	NT	7.18	0.00	PASS
DC_5A_n2A	15	5+10	CP-16QAM	M+L	Outer_Full	VN	NT	5.17	0.00	PASS
DC_5A_n2A	15	5+10	CP-QPSK	M+M	Outer_Full	VN	NT	-0.85	0.00	PASS
DC_5A_n2A	15	5+10	CP-16QAM	M+M	Outer_Full	VN	NT	13.92	0.01	PASS
DC_5A_n2A	15	5+10	CP-QPSK	M+H	Outer_Full	VN	NT	-8.66	0.00	PASS
DC_5A_n2A	15	5+10	CP-16QAM	M+H	Outer_Full	VN	NT	-10.35	-0.01	PASS
DC_5A_n2A	15	5+15	CP-QPSK	M+L	Outer_Full	VN	NT	14.06	0.01	PASS
DC_5A_n2A	15	5+15	CP-16QAM	M+L	Outer_Full	VN	NT	3.55	0.00	PASS
DC_5A_n2A	15	5+15	CP-QPSK	M+M	Outer_Full	VN	NT	6.55	0.00	PASS
DC_5A_n2A	15	5+15	CP-16QAM	M+M	Outer_Full	VN	NT	9.92	0.01	PASS
DC_5A_n2A	15	5+15	CP-QPSK	M+H	Outer_Full	VN	NT	5.13	0.00	PASS

DC_5A_n2A	15	5+15	CP-16QAM	M+H	Outer_Full	VN	NT	7.46	0.00	PASS
DC_5A_n2A	15	5+20	CP-QPSK	M+L	Outer_Full	VN	NT	-0.65	0.00	PASS
DC_5A_n2A	15	5+20	CP-16QAM	M+L	Outer_Full	VN	NT	1.14	0.00	PASS
DC_5A_n2A	15	5+20	CP-QPSK	M+M	Outer_Full	VN	NT	11.19	0.01	PASS
DC_5A_n2A	15	5+20	CP-16QAM	M+M	Outer_Full	VN	NT	8.08	0.00	PASS
DC_5A_n2A	15	5+20	CP-QPSK	M+H	Outer_Full	VN	NT	-3.12	0.00	PASS
DC_5A_n2A	15	5+20	CP-16QAM	M+H	Outer_Full	VN	NT	-3.68	0.00	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_5A_n2A	15	5+5	CP-QPSK	M+L	Outer_Full	NV	TN	-5.699572	-0.003077	PASS
DC_5A_n2A	15	5+5	CP-16QAM	M+L	Outer_Full	NV	TN	-8.635557	-0.004662	PASS
DC_5A_n2A	15	5+5	CP-QPSK	M+M	Outer_Full	NV	TN	3.725559	0.001982	PASS
DC_5A_n2A	15	5+5	CP-16QAM	M+M	Outer_Full	NV	TN	17.122366	0.009108	PASS
DC_5A_n2A	15	5+5	CP-QPSK	M+H	Outer_Full	NV	TN	-4.952551	-0.002596	PASS
DC_5A_n2A	15	5+5	CP-16QAM	M+H	Outer_Full	NV	TN	6.092328	0.003194	PASS
DC_5A_n2A	15	5+10	CP-QPSK	M+L	Outer_Full	NV	TN	-4.091553	-0.002206	PASS
DC_5A_n2A	15	5+10	CP-16QAM	M+L	Outer_Full	NV	TN	-5.077397	-0.002737	PASS
DC_5A_n2A	15	5+10	CP-QPSK	M+M	Outer_Full	NV	TN	4.121586	0.002192	PASS
DC_5A_n2A	15	5+10	CP-16QAM	M+M	Outer_Full	NV	TN	1.593776	0.000848	PASS
DC_5A_n2A	15	5+10	CP-QPSK	M+H	Outer_Full	NV	TN	-1.919154	-0.001007	PASS
DC_5A_n2A	15	5+10	CP-16QAM	M+H	Outer_Full	NV	TN	-1.573940	-0.000826	PASS

n2A										
DC_5A_ n2A	15	5+15	CP-QPSK	M+L	Outer_Full	NV	TN	16.161516	0.008701	PASS
DC_5A_ n2A	15	5+15	CP-16QAM	M+L	Outer_Full	NV	TN	7.750139	0.004172	PASS
DC_5A_ n2A	15	5+15	CP-QPSK	M+M	Outer_Full	NV	TN	7.778484	0.004137	PASS
DC_5A_ n2A	15	5+15	CP-16QAM	M+M	Outer_Full	NV	TN	15.992069	0.008506	PASS
DC_5A_ n2A	15	5+15	CP-QPSK	M+H	Outer_Full	NV	TN	4.734723	0.002489	PASS
DC_5A_ n2A	15	5+15	CP-16QAM	M+H	Outer_Full	NV	TN	13.336492	0.007010	PASS
DC_5A_ n2A	15	5+20	CP-QPSK	M+L	Outer_Full	NV	TN	-0.583032	-0.000313	PASS
DC_5A_ n2A	15	5+20	CP-16QAM	M+L	Outer_Full	NV	TN	-13.219798	-0.007107	PASS
DC_5A_ n2A	15	5+20	CP-QPSK	M+M	Outer_Full	NV	TN	8.424488	0.004481	PASS
DC_5A_ n2A	15	5+20	CP-16QAM	M+M	Outer_Full	NV	TN	12.599509	0.006702	PASS
DC_5A_ n2A	15	5+20	CP-QPSK	M+H	Outer_Full	NV	TN	-4.209027	-0.002215	PASS
DC_5A_ n2A	15	5+20	CP-16QAM	M+H	Outer_Full	NV	TN	-0.443937	-0.000234	PASS