







**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_71A_n66A	15	5+5	CP-QPSK	M+L	Outer_Full	VN	NT	3.00	0.00	PASS
DC_71A_n66A	15	5+5	CP-16QAM	M+L	Outer_Full	VN	NT	4.10	0.00	PASS
DC_71A_n66A	15	5+5	CP-QPSK	M+M	Outer_Full	VN	NT	-1.63	0.00	PASS
DC_71A_n66A	15	5+5	CP-16QAM	M+M	Outer_Full	VN	NT	-1.75	0.00	PASS
DC_71A_n66A	15	5+5	CP-QPSK	M+H	Outer_Full	VN	NT	6.22	0.00	PASS
DC_71A_n66A	15	5+5	CP-16QAM	M+H	Outer_Full	VN	NT	5.09	0.00	PASS
DC_71A_n66A	15	5+10	CP-QPSK	M+L	Outer_Full	VN	NT	3.48	0.00	PASS
DC_71A_n66A	15	5+10	CP-16QAM	M+L	Outer_Full	VN	NT	3.05	0.00	PASS
DC_71A_n66A	15	5+10	CP-QPSK	M+M	Outer_Full	VN	NT	2.98	0.00	PASS
DC_71A_n66A	15	5+10	CP-16QAM	M+M	Outer_Full	VN	NT	5.84	0.00	PASS
DC_71A_n66A	15	5+10	CP-QPSK	M+H	Outer_Full	VN	NT	2.30	0.00	PASS
DC_71A_n66A	15	5+10	CP-16QAM	M+H	Outer_Full	VN	NT	0.56	0.00	PASS
DC_71A_n66A	15	5+15	CP-QPSK	M+L	Outer_Full	VN	NT	4.80	0.00	PASS
DC_71A_n66A	15	5+15	CP-16QAM	M+L	Outer_Full	VN	NT	3.98	0.00	PASS
DC_71A_n66A	15	5+15	CP-QPSK	M+M	Outer_Full	VN	NT	-4.02	0.00	PASS
DC_71A_n66A	15	5+15	CP-16QAM	M+M	Outer_Full	VN	NT	-5.36	0.00	PASS
DC_71A_n66A	15	5+15	CP-QPSK	M+H	Outer_Full	VN	NT	-7.58	0.00	PASS

DC_71A_n66A	15	5+15	CP-16QAM	M+H	Outer_Full	VN	NT	1.73	0.00	PASS
DC_71A_n66A	15	5+20	CP-QPSK	M+L	Outer_Full	VN	NT	2.09	0.00	PASS
DC_71A_n66A	15	5+20	CP-16QAM	M+L	Outer_Full	VN	NT	-2.07	0.00	PASS
DC_71A_n66A	15	5+20	CP-QPSK	M+M	Outer_Full	VN	NT	4.41	0.00	PASS
DC_71A_n66A	15	5+20	CP-16QAM	M+M	Outer_Full	VN	NT	-1.58	0.00	PASS
DC_71A_n66A	15	5+20	CP-QPSK	M+H	Outer_Full	VN	NT	-2.52	0.00	PASS
DC_71A_n66A	15	5+20	CP-16QAM	M+H	Outer_Full	VN	NT	0.85	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_71A_n66A	15	5+5	CP-QPSK	M+L	Outer_Full	NV	TN	11.693032	0.006828	PASS
DC_71A_n66A	15	5+5	CP-16QAM	M+L	Outer_Full	NV	TN	-5.636287	-0.003291	PASS
DC_71A_n66A	15	5+5	CP-QPSK	M+M	Outer_Full	NV	TN	-3.612968	-0.002070	PASS
DC_71A_n66A	15	5+5	CP-16QAM	M+M	Outer_Full	NV	TN	-2.479994	-0.001421	PASS
DC_71A_n66A	15	5+5	CP-QPSK	M+H	Outer_Full	NV	TN	2.946376	0.001658	PASS
DC_71A_n66A	15	5+5	CP-16QAM	M+H	Outer_Full	NV	TN	2.806600	0.001579	PASS
DC_71A_n66A	15	5+10	CP-QPSK	M+L	Outer_Full	NV	TN	-8.681997	-0.005062	PASS
DC_71A_n66A	15	5+10	CP-16QAM	M+L	Outer_Full	NV	TN	-6.626611	-0.003864	PASS
DC_71A_n66A	15	5+10	CP-QPSK	M+M	Outer_Full	NV	TN	-7.372051	-0.004225	PASS
DC_71A_n66A	15	5+10	CP-16QAM	M+M	Outer_Full	NV	TN	-1.909141	-0.001094	PASS
DC_71A_n66A	15	5+10	CP-QPSK	M+H	Outer_Full	NV	TN	-9.932677	-0.005596	PASS
DC_71A	15	5+10	CP-16QAM	M+H	Outer_Full	NV	TN	-7.524018	-0.004239	PASS

_n66A										
DC_71A _n66A	15	5+15	CP-QPSK	M+L	Outer_Full	NV	TN	3.428348	0.001996	PASS
DC_71A _n66A	15	5+15	CP-16QAM	M+L	Outer_Full	NV	TN	7.627627	0.004441	PASS
DC_71A _n66A	15	5+15	CP-QPSK	M+M	Outer_Full	NV	TN	-6.361768	-0.003646	PASS
DC_71A _n66A	15	5+15	CP-16QAM	M+M	Outer_Full	NV	TN	-2.517882	-0.001443	PASS
DC_71A _n66A	15	5+15	CP-QPSK	M+H	Outer_Full	NV	TN	-13.279876	-0.007492	PASS
DC_71A _n66A	15	5+15	CP-16QAM	M+H	Outer_Full	NV	TN	-0.569111	-0.000321	PASS
DC_71A _n66A	15	5+20	CP-QPSK	M+L	Outer_Full	NV	TN	-1.898107	-0.001104	PASS
DC_71A _n66A	15	5+20	CP-16QAM	M+L	Outer_Full	NV	TN	0.745801	0.000434	PASS
DC_71A _n66A	15	5+20	CP-QPSK	M+M	Outer_Full	NV	TN	1.375793	0.000788	PASS
DC_71A _n66A	15	5+20	CP-16QAM	M+M	Outer_Full	NV	TN	0.419972	0.000241	PASS
DC_71A _n66A	15	5+20	CP-QPSK	M+H	Outer_Full	NV	TN	7.346034	0.004150	PASS
DC_71A _n66A	15	5+20	CP-16QAM	M+H	Outer_Full	NV	TN	0.807545	0.000456	PASS