

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	VL	NT	5.5	0.001432	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	VN	NT	1.8	0.000469	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	VH	NT	7.1	0.001849	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	VL	NT	-3.1	-0.000807	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	VN	NT	9.1	0.00237	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	VH	NT	2.1	0.000547	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	-30	6.1	0.001589	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	-20	6.3	0.001641	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	-10	1.8	0.000469	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	0	0.9	0.000234	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	10	-1.1	-0.000286	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	20	-1.5	-0.000391	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	30	4.1	0.001068	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	40	3.9	0.001016	PASS
n77(3700-3980)	30	100	DFT-BPSK	M	Outer_Full	NV	50	2.4	0.000625	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	-30	-10.4	-0.002708	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	-20	-5.9	-0.001536	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	-10	8.8	0.002292	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	0	-8	-0.002083	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	10	-4.4	-0.001146	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	20	-1	-0.00026	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	30	-4.4	-0.001146	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	40	-6.2	-0.001615	PASS
n77(3700-3980)	30	100	CP-QPSK	M	Outer_Full	NV	50	2.8	0.000729	PASS

~The End~