

Appendix B: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-0.10	-0.000054	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-3.00	-0.001613	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-1.50	-0.000806	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	3.10	0.001649	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	0.70	0.000372	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	1.30	0.000691	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-5.30	-0.002789	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	1.40	0.000737	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-7.10	-0.004128	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-1.30	-0.000756	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-3.20	-0.001860	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	5.00	0.002886	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	1.60	0.000924	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	8.00	0.004618	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	7.20	0.004126	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	5.00	0.002865	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-0.70	-0.000401	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-2.70	-0.003257	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-2.50	-0.003016	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	0.10	0.000121	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-3.60	-0.004304	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	0.80	0.000956	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-1.60	-0.001896	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	0.90	0.001066	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	1.20	0.001422	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-0.10	-0.000040	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	-1.30	-0.000518	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	4.70	0.001873	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	4.70	0.001854	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-7.20	-0.002840	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	3.00	0.001183	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-3.50	-0.001367	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-1.70	-0.000664	±2.5	PASS

Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-0.50	-0.000195	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	5.70	0.002209	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	4.90	0.001899	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	3.00	0.001163	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	7.50	0.002890	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	7.10	0.002736	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	8.20	0.003160	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	7.60	0.002912	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	5.30	0.002031	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	4.10	0.001571	±2.5	PASS
Band40 (2305-2 320)	15MHz	QPSK	38775	75RB#0	VN	NT	1.50	0.000649	±2.5	PASS
Band40 (2305-2 320)	15MHz	QPSK	38775	75RB#0	VL	NT	13.60	0.005881	±2.5	PASS
Band40 (2305-2 320)	15MHz	QPSK	38775	75RB#0	VH	NT	7.60	0.003286	±2.5	PASS
Band40 (2345-2 360)	15MHz	QPSK	39175	75RB#0	VN	NT	10.70	0.004548	±2.5	PASS
Band40 (2345-2 360)	15MHz	QPSK	39175	75RB#0	VL	NT	10.00	0.004251	±2.5	PASS
Band40 (2345-2 360)	15MHz	QPSK	39175	75RB#0	VH	NT	0.20	0.000085	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	-2.90	-0.001157	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	7.70	0.003073	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	5.20	0.002075	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	7.90	0.003047	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	-3.10	-0.001196	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	7.50	0.002892	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	2.70	0.001007	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	1.50	0.000560	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	2.20	0.000821	±2.5	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	VN	NT	0.40	0.000233	±2.5	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	VL	NT	4.80	0.002791	±2.5	PASS
Band66	20MHz	QPSK	13207	100RB#0	VH	NT	-1.80	-0.001047	±2.5	PASS

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Band66	20MHz	QPSK	13232 2	100RB#0	VN	NT	2.80	0.001605	±2.5	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	VL	NT	0.70	0.000401	±2.5	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	VH	NT	1.80	0.001032	±2.5	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	VN	NT	3.20	0.001808	±2.5	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	VL	NT	0.40	0.000226	±2.5	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	VH	NT	3.00	0.001695	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	-0.80	-0.000430	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	-5.30	-0.002849	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	-3.80	-0.002043	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	2.80	0.001505	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	5.90	0.003172	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	10.40	0.005591	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	5.60	0.003011	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	6.70	0.003602	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	3.10	0.001667	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	0.90	0.000479	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	4.30	0.002287	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-0.30	-0.000160	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	4.50	0.002394	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-2.50	-0.001330	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	1.00	0.000532	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	4.30	0.002287	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	7.20	0.003830	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	3.50	0.001862	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-2.10	-0.001105	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-0.60	-0.000316	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	6.00	0.003158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	2.60	0.001368	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-0.60	-0.000316	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-2.30	-0.001211	±2.5	PASS

Band2	20MHz	QPSK	19100	100RB#0	NV	30	4.60	0.002421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-0.40	-0.000211	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	4.20	0.002211	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	-1.60	-0.000930	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	4.10	0.002384	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	1.10	0.000640	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-0.70	-0.000407	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	3.10	0.001802	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	5.10	0.002965	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-7.10	-0.004128	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-4.80	-0.002791	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-5.50	-0.003198	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	6.90	0.003983	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	5.90	0.003405	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	3.00	0.001732	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	1.30	0.000750	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	1.00	0.000577	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-0.30	-0.000173	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-5.20	-0.003001	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	4.40	0.002540	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	4.70	0.002693	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	0.30	0.000172	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	1.40	0.000802	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	1.40	0.000802	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	8.30	0.004756	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	4.40	0.002521	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	8.60	0.004928	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-0.80	-0.000458	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	3.70	0.002120	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-4.10	-0.004946	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-2.60	-0.003136	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-0.30	-0.000362	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-2.40	-0.002895	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-3.20	-0.003860	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-3.30	-0.003981	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-5.30	-0.006393	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-0.30	-0.000362	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-2.10	-0.002533	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	2.40	0.002869	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	0.50	0.000598	±2.5	PASS

Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-0.10	-0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	0.20	0.000239	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-0.50	-0.000598	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-4.10	-0.004901	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-0.10	-0.000120	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-4.50	-0.005332	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	0.60	0.000711	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	1.30	0.001540	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	1.10	0.001303	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-2.40	-0.002844	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-1.40	-0.001659	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	3.80	0.004502	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	4.00	0.004739	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-2.10	-0.002488	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	7.70	0.003068	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-0.30	-0.000120	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	6.70	0.002669	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	5.20	0.002072	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	6.30	0.002510	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	6.60	0.002629	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	9.50	0.003785	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	-0.10	-0.000040	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	10.80	0.004303	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-3.10	-0.001223	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-6.00	-0.002367	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-8.00	-0.003156	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-8.90	-0.003511	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	3.60	0.001420	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-4.70	-0.001854	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-8.70	-0.003432	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-1.90	-0.000750	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-6.70	-0.002643	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-1.80	-0.000703	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	5.10	0.001992	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	-10.20	-0.003984	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-3.20	-0.001250	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	3.10	0.001211	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	7.30	0.002852	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	5.00	0.001953	±2.5	PASS

Band7	20MHz	QPSK	21350	100RB#0	NV	40	4.20	0.001641	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	4.60	0.001797	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-0.30	-0.000116	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	2.80	0.001085	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-0.20	-0.000078	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	7.60	0.002946	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-3.40	-0.001318	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	5.80	0.002248	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	0.50	0.000194	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	2.90	0.001124	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-1.00	-0.000388	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	3.50	0.001349	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	5.30	0.002042	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	3.60	0.001387	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	8.90	0.003430	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	8.00	0.003083	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	2.60	0.001002	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	7.80	0.003006	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	12.00	0.004624	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	8.70	0.003353	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	9.40	0.003602	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	5.70	0.002184	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	7.10	0.002720	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-3.10	-0.001188	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	1.30	0.000498	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	8.10	0.003103	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	8.70	0.003333	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	7.50	0.002874	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	12.40	0.004751	±2.5	PASS
Band40 (2305-2 320)	15MHz	QPSK	38775	75RB#0	NV	-30	5.40	0.002335	±2.5	PASS
Band40 (2305-2 320)	15MHz	QPSK	38775	75RB#0	NV	-20	1.40	0.000605	±2.5	PASS
Band40 (2305-2 320)	15MHz	QPSK	38775	75RB#0	NV	-10	5.30	0.002292	±2.5	PASS
Band40 (2305-2 320)	15MHz	QPSK	38775	75RB#0	NV	0	2.10	0.000908	±2.5	PASS
Band40	15MHz	QPSK	38775	75RB#0	NV	10	7.30	0.003157	±2.5	PASS

(2305-2 320)										
Band40 (2305-2 320)	15MHz	QPSK	38775	75RB#0	NV	20	2.70	0.001168	±2.5	PASS
Band40 (2305-2 320)	15MHz	QPSK	38775	75RB#0	NV	30	5.20	0.002249	±2.5	PASS
Band40 (2305-2 320)	15MHz	QPSK	38775	75RB#0	NV	40	10.10	0.004368	±2.5	PASS
Band40 (2305-2 320)	15MHz	QPSK	38775	75RB#0	NV	50	1.20	0.000519	±2.5	PASS
Band40 (2345-2 360)	15MHz	QPSK	39175	75RB#0	NV	-30	2.50	0.001063	±2.5	PASS
Band40 (2345-2 360)	15MHz	QPSK	39175	75RB#0	NV	-20	1.80	0.000765	±2.5	PASS
Band40 (2345-2 360)	15MHz	QPSK	39175	75RB#0	NV	-10	-0.10	-0.000043	±2.5	PASS
Band40 (2345-2 360)	15MHz	QPSK	39175	75RB#0	NV	0	0.90	0.000383	±2.5	PASS
Band40 (2345-2 360)	15MHz	QPSK	39175	75RB#0	NV	10	2.40	0.001020	±2.5	PASS
Band40 (2345-2 360)	15MHz	QPSK	39175	75RB#0	NV	20	2.70	0.001148	±2.5	PASS
Band40 (2345-2 360)	15MHz	QPSK	39175	75RB#0	NV	30	-2.30	-0.000978	±2.5	PASS
Band40 (2345-2 360)	15MHz	QPSK	39175	75RB#0	NV	40	7.80	0.003316	±2.5	PASS
Band40 (2345-2 360)	15MHz	QPSK	39175	75RB#0	NV	50	6.30	0.002678	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-30	6.50	0.002594	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	7.80	0.003113	±2.5	PASS

Band41	20MHz	QPSK	39750	100RB#0	NV	-10	10.10	0.004030	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	10.10	0.004030	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	-0.80	-0.000319	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	10.50	0.004190	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	3.90	0.001556	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	11.20	0.004469	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	1.70	0.000678	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	0.40	0.000154	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	2.20	0.000848	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	-2.60	-0.001003	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	-4.10	-0.001581	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	4.00	0.001543	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	0.50	0.000193	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-0.90	-0.000347	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	1.20	0.000463	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	1.40	0.000540	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	4.80	0.001791	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	3.70	0.001381	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	-0.40	-0.000149	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	-1.60	-0.000597	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	7.40	0.002761	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	5.00	0.001866	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	4.60	0.001716	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	6.80	0.002537	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	8.10	0.003022	±2.5	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	-30	-1.00	-0.000581	±2.5	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	-20	-2.40	-0.001395	±2.5	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	-10	2.00	0.001163	±2.5	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	0	1.50	0.000872	±2.5	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	10	-1.80	-0.001047	±2.5	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	20	-0.20	-0.000116	±2.5	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	30	-0.70	-0.000407	±2.5	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	40	0.70	0.000407	±2.5	PASS
Band66	20MHz	QPSK	13207	100RB#0	NV	50	-0.60	-0.000349	±2.5	PASS

			2							
Band66	20MHz	QPSK	13232 2	100RB#0	NV	-30	1.30	0.000745	±2.5	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	-20	-2.70	-0.001547	±2.5	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	-10	1.70	0.000974	±2.5	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	0	0.70	0.000401	±2.5	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	10	4.20	0.002407	±2.5	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	20	-1.00	-0.000573	±2.5	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	30	1.50	0.000860	±2.5	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	40	2.40	0.001375	±2.5	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	50	-0.20	-0.000115	±2.5	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	-30	-1.10	-0.000621	±2.5	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	-20	-0.10	-0.000056	±2.5	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	-10	-0.50	-0.000282	±2.5	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	0	1.20	0.000678	±2.5	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	10	2.50	0.001412	±2.5	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	20	-2.90	-0.001638	±2.5	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	30	-5.70	-0.003220	±2.5	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	50	1.80	0.001017	±2.5	PASS

ULCA

Band	Bandwidth (MHz)	Modulation	Channel	Voltage		Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
				RB Configure	Voltage [Vdc]					
CA_2C	20+20	QPSK	18700+18898	100RB#0+100RB#0	VN	NT	1.50	0.000806	±2.5	PASS
CA_2C	20+20	QPSK	18700+18898	100RB#0+100RB#0	VL	NT	4.30	0.002312	±2.5	PASS
CA_2C	20+20	QPSK	18700+18898	100RB#0+100RB#0	VH	NT	7.40	0.003978	±2.5	PASS
CA_2C	20+20	QPSK	18801+18999	100RB#0+100RB#0	VN	NT	5.70	0.003032	±2.5	PASS
CA_2C	20+20	QPSK	18801+18999	100RB#0+100RB#0	VL	NT	2.90	0.001543	±2.5	PASS
CA_2C	20+20	QPSK	18801+18999	100RB#0+100RB#0	VH	NT	2.10	0.001117	±2.5	PASS
CA_2C	20+20	QPSK	18902+19100	100RB#0+100RB#0	VN	NT	0.70	0.000368	±2.5	PASS
CA_2C	20+20	QPSK	18902+19100	100RB#0+100RB#0	VL	NT	1.30	0.000684	±2.5	PASS
CA_2C	20+20	QPSK	18902+19100	100RB#0+100RB#0	VH	NT	-0.10	-0.000053	±2.5	PASS
CA_5B	10+10	QPSK	20450+20549	50RB#0+50RB#0	VN	NT	0.60	0.000724	±2.5	PASS
CA_5B	10+10	QPSK	20450+20549	50RB#0+50RB#0	VL	NT	-0.50	-0.000603	±2.5	PASS
CA_5B	10+10	QPSK	20450+20549	50RB#0+50RB#0	VH	NT	-2.10	-0.002533	±2.5	PASS
CA_5B	10+10	QPSK	20476+20575	50RB#0+50RB#0	VN	NT	-2.70	-0.003228	±2.5	PASS
CA_5B	10+10	QPSK	20476+20575	50RB#0+50RB#0	VL	NT	-1.50	-0.001793	±2.5	PASS
CA_5B	10+10	QPSK	20476+20575	50RB#0+50RB#0	VH	NT	-1.90	-0.002271	±2.5	PASS
CA_5B	10+10	QPSK	20501+20600	50RB#0+50RB#0	VN	NT	1.70	0.002014	±2.5	PASS
CA_5B	10+10	QPSK	20501+20600	50RB#0+50RB#0	VL	NT	1.00	0.001185	±2.5	PASS
CA_5B	10+10	QPSK	20501+20600	50RB#0+50RB#0	VH	NT	-0.10	-0.000118	±2.5	PASS
CA_7C	20+20	QPSK	20850+21048	100RB#0+100RB#0	VN	NT	8.10	0.003227	±2.5	PASS
CA_7C	20+20	QPSK	20850+21048	100RB#0+100RB#0	VL	NT	1.10	0.000438	±2.5	PASS
CA_7C	20+20	QPSK	20850+21048	100RB#0+100RB#0	VH	NT	-4.90	-0.001952	±2.5	PASS
CA_7C	20+20	QPSK	21001+21199	100RB#0+100RB#0	VN	NT	-2.70	-0.001065	±2.5	PASS
CA_7C	20+20	QPSK	21001+21199	100RB#0+100RB#0	VL	NT	-2.30	-0.000907	±2.5	PASS
CA_7C	20+20	QPSK	21001+21199	100RB#0+100RB#0	VH	NT	-3.20	-0.001262	±2.5	PASS
CA_7C	20+20	QPSK	21152+21350	100RB#0+100RB#0	VN	NT	1.10	0.000430	±2.5	PASS
CA_7C	20+20	QPSK	21152+21350	100RB#0+100RB#0	VL	NT	-0.90	-0.000352	±2.5	PASS
CA_7C	20+20	QPSK	21152+21350	100RB#0+100RB#0	VH	NT	5.90	0.002305	±2.5	PASS
CA_38C	20+20	QPSK	37850+38048	100RB#0+100RB#0	VN	NT	4.20	0.001628	±2.5	PASS
CA_38C	20+20	QPSK	37850+38048	100RB#0+100RB#0	VL	NT	4.40	0.001705	±2.5	PASS
CA_38C	20+20	QPSK	37850+38048	100RB#0+100RB#0	VH	NT	6.70	0.002597	±2.5	PASS
CA_38C	20+20	QPSK	37901+38099	100RB#0+100RB#0	VN	NT	5.30	0.002042	±2.5	PASS
CA_38C	20+20	QPSK	37901+38099	100RB#0+100RB#0	VL	NT	4.60	0.001773	±2.5	PASS
CA_38C	20+20	QPSK	37901+38099	100RB#0+100RB#0	VH	NT	10.10	0.003892	±2.5	PASS
CA_38C	20+20	QPSK	37952+38150	100RB#0+100RB#0	VN	NT	5.20	0.001992	±2.5	PASS
CA_38C	20+20	QPSK	37952+38150	100RB#0+100RB#0	VL	NT	3.10	0.001188	±2.5	PASS
CA_38C	20+20	QPSK	37952+38150	100RB#0+100RB#0	VH	NT	7.00	0.002682	±2.5	PASS
CA_41C	20+20	QPSK	39750+39948	100RB#0+100RB#0	VN	NT	5.80	0.002314	±2.5	PASS
CA_41C	20+20	QPSK	39750+39948	100RB#0+100RB#0	VL	NT	3.50	0.001397	±2.5	PASS

CA_41C	20+20	QPSK	39750+39948	100RB#0+100RB#0	VH	NT	0.90	0.000359	±2.5	PASS
CA_41C	20+20	QPSK	40521+40719	100RB#0+100RB#0	VN	NT	2.20	0.000848	±2.5	PASS
CA_41C	20+20	QPSK	40521+40719	100RB#0+100RB#0	VL	NT	8.20	0.003162	±2.5	PASS
CA_41C	20+20	QPSK	40521+40719	100RB#0+100RB#0	VH	NT	0.30	0.000116	±2.5	PASS
CA_41C	20+20	QPSK	41292+41490	100RB#0+100RB#0	VN	NT	4.80	0.001791	±2.5	PASS
CA_41C	20+20	QPSK	41292+41490	100RB#0+100RB#0	VL	NT	3.00	0.001119	±2.5	PASS
CA_41C	20+20	QPSK	41292+41490	100RB#0+100RB#0	VH	NT	1.70	0.000634	±2.5	PASS

Temperature										
Band	Bandwidth (MHz)	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
CA_2C	20+20	QPSK	18700+18898	100RB#0+100RB#0	NV	-30	4.30	0.002312	±2.5	PASS
CA_2C	20+20	QPSK	18700+18898	100RB#0+100RB#0	NV	-20	5.80	0.003118	±2.5	PASS
CA_2C	20+20	QPSK	18700+18898	100RB#0+100RB#0	NV	-10	2.50	0.001344	±2.5	PASS
CA_2C	20+20	QPSK	18700+18898	100RB#0+100RB#0	NV	0	5.60	0.003011	±2.5	PASS
CA_2C	20+20	QPSK	18700+18898	100RB#0+100RB#0	NV	10	3.70	0.001989	±2.5	PASS
CA_2C	20+20	QPSK	18700+18898	100RB#0+100RB#0	NV	20	6.00	0.003226	±2.5	PASS
CA_2C	20+20	QPSK	18700+18898	100RB#0+100RB#0	NV	30	4.20	0.002258	±2.5	PASS
CA_2C	20+20	QPSK	18700+18898	100RB#0+100RB#0	NV	40	3.90	0.002097	±2.5	PASS
CA_2C	20+20	QPSK	18700+18898	100RB#0+100RB#0	NV	50	5.30	0.002849	±2.5	PASS
CA_2C	20+20	QPSK	18801+18999	100RB#0+100RB#0	NV	-30	-1.00	-0.000532	±2.5	PASS
CA_2C	20+20	QPSK	18801+18999	100RB#0+100RB#0	NV	-20	0.10	0.000053	±2.5	PASS
CA_2C	20+20	QPSK	18801+18999	100RB#0+100RB#0	NV	-10	2.60	0.001383	±2.5	PASS
CA_2C	20+20	QPSK	18801+18999	100RB#0+100RB#0	NV	0	-1.30	-0.000691	±2.5	PASS
CA_2C	20+20	QPSK	18801+18999	100RB#0+100RB#0	NV	10	2.20	0.001170	±2.5	PASS
CA_2C	20+20	QPSK	18801+18999	100RB#0+100RB#0	NV	20	1.50	0.000798	±2.5	PASS
CA_2C	20+20	QPSK	18801+18999	100RB#0+100RB#0	NV	30	0.90	0.000479	±2.5	PASS
CA_2C	20+20	QPSK	18801+18999	100RB#0+100RB#0	NV	40	5.10	0.002713	±2.5	PASS
CA_2C	20+20	QPSK	18801+18999	100RB#0+100RB#0	NV	50	5.80	0.003085	±2.5	PASS
CA_2C	20+20	QPSK	18902+19100	100RB#0+100RB#0	NV	-30	1.90	0.001000	±2.5	PASS
CA_2C	20+20	QPSK	18902+19100	100RB#0+100RB#0	NV	-20	0.90	0.000474	±2.5	PASS
CA_2C	20+20	QPSK	18902+19100	100RB#0+100RB#0	NV	-10	-0.90	-0.000474	±2.5	PASS
CA_2C	20+20	QPSK	18902+19100	100RB#0+100RB#0	NV	0	1.90	0.001000	±2.5	PASS
CA_2C	20+20	QPSK	18902+19100	100RB#0+100RB#0	NV	10	5.40	0.002842	±2.5	PASS
CA_2C	20+20	QPSK	18902+19100	100RB#0+100RB#0	NV	20	3.20	0.001684	±2.5	PASS
CA_2C	20+20	QPSK	18902+19100	100RB#0+100RB#0	NV	30	5.80	0.003053	±2.5	PASS
CA_2C	20+20	QPSK	18902+19100	100RB#0+100RB#0	NV	40	3.70	0.001947	±2.5	PASS
CA_2C	20+20	QPSK	18902+19100	100RB#0+100RB#0	NV	50	3.80	0.002000	±2.5	PASS
CA_5B	10+10	QPSK	20450+20549	50RB#0+50RB#0	NV	-30	2.40	0.002895	±2.5	PASS
CA_5B	10+10	QPSK	20450+20549	50RB#0+50RB#0	NV	-20	-2.00	-0.002413	±2.5	PASS
CA_5B	10+10	QPSK	20450+20549	50RB#0+50RB#0	NV	-10	0.30	0.000362	±2.5	PASS

CA_5B	10+10	QPSK	20450+20549	50RB#0+50RB#0	NV	0	-0.50	-0.000603	±2.5	PASS
CA_5B	10+10	QPSK	20450+20549	50RB#0+50RB#0	NV	10	-1.70	-0.002051	±2.5	PASS
CA_5B	10+10	QPSK	20450+20549	50RB#0+50RB#0	NV	20	-0.20	-0.000241	±2.5	PASS
CA_5B	10+10	QPSK	20450+20549	50RB#0+50RB#0	NV	30	-0.80	-0.000965	±2.5	PASS
CA_5B	10+10	QPSK	20450+20549	50RB#0+50RB#0	NV	40	0.50	0.000603	±2.5	PASS
CA_5B	10+10	QPSK	20450+20549	50RB#0+50RB#0	NV	50	4.30	0.005187	±2.5	PASS
CA_5B	10+10	QPSK	20476+20575	50RB#0+50RB#0	NV	-30	0.50	0.000598	±2.5	PASS
CA_5B	10+10	QPSK	20476+20575	50RB#0+50RB#0	NV	-20	-4.40	-0.005260	±2.5	PASS
CA_5B	10+10	QPSK	20476+20575	50RB#0+50RB#0	NV	-10	0.30	0.000359	±2.5	PASS
CA_5B	10+10	QPSK	20476+20575	50RB#0+50RB#0	NV	0	-2.70	-0.003228	±2.5	PASS
CA_5B	10+10	QPSK	20476+20575	50RB#0+50RB#0	NV	10	-3.40	-0.004065	±2.5	PASS
CA_5B	10+10	QPSK	20476+20575	50RB#0+50RB#0	NV	20	-0.40	-0.000478	±2.5	PASS
CA_5B	10+10	QPSK	20476+20575	50RB#0+50RB#0	NV	30	0.20	0.000239	±2.5	PASS
CA_5B	10+10	QPSK	20476+20575	50RB#0+50RB#0	NV	40	-0.40	-0.000478	±2.5	PASS
CA_5B	10+10	QPSK	20476+20575	50RB#0+50RB#0	NV	50	-1.90	-0.002271	±2.5	PASS
CA_5B	10+10	QPSK	20501+20600	50RB#0+50RB#0	NV	-30	-0.20	-0.000237	±2.5	PASS
CA_5B	10+10	QPSK	20501+20600	50RB#0+50RB#0	NV	-20	0.10	0.000118	±2.5	PASS
CA_5B	10+10	QPSK	20501+20600	50RB#0+50RB#0	NV	-10	-2.50	-0.002962	±2.5	PASS
CA_5B	10+10	QPSK	20501+20600	50RB#0+50RB#0	NV	0	-1.40	-0.001659	±2.5	PASS
CA_5B	10+10	QPSK	20501+20600	50RB#0+50RB#0	NV	10	-2.50	-0.002962	±2.5	PASS
CA_5B	10+10	QPSK	20501+20600	50RB#0+50RB#0	NV	20	0.70	0.000829	±2.5	PASS
CA_5B	10+10	QPSK	20501+20600	50RB#0+50RB#0	NV	30	-2.30	-0.002725	±2.5	PASS
CA_5B	10+10	QPSK	20501+20600	50RB#0+50RB#0	NV	40	-1.90	-0.002251	±2.5	PASS
CA_5B	10+10	QPSK	20501+20600	50RB#0+50RB#0	NV	50	-2.90	-0.003436	±2.5	PASS
CA_7C	20+20	QPSK	20850+21048	100RB#0+100RB#0	NV	-30	2.70	0.001076	±2.5	PASS
CA_7C	20+20	QPSK	20850+21048	100RB#0+100RB#0	NV	-20	3.70	0.001474	±2.5	PASS
CA_7C	20+20	QPSK	20850+21048	100RB#0+100RB#0	NV	-10	4.70	0.001873	±2.5	PASS
CA_7C	20+20	QPSK	20850+21048	100RB#0+100RB#0	NV	0	5.10	0.002032	±2.5	PASS
CA_7C	20+20	QPSK	20850+21048	100RB#0+100RB#0	NV	10	5.50	0.002191	±2.5	PASS
CA_7C	20+20	QPSK	20850+21048	100RB#0+100RB#0	NV	20	1.80	0.000717	±2.5	PASS
CA_7C	20+20	QPSK	20850+21048	100RB#0+100RB#0	NV	30	0.60	0.000239	±2.5	PASS
CA_7C	20+20	QPSK	20850+21048	100RB#0+100RB#0	NV	40	3.30	0.001315	±2.5	PASS
CA_7C	20+20	QPSK	20850+21048	100RB#0+100RB#0	NV	50	3.60	0.001434	±2.5	PASS
CA_7C	20+20	QPSK	21001+21199	100RB#0+100RB#0	NV	-30	0.30	0.000118	±2.5	PASS
CA_7C	20+20	QPSK	21001+21199	100RB#0+100RB#0	NV	-20	-0.40	-0.000158	±2.5	PASS
CA_7C	20+20	QPSK	21001+21199	100RB#0+100RB#0	NV	-10	0.50	0.000197	±2.5	PASS
CA_7C	20+20	QPSK	21001+21199	100RB#0+100RB#0	NV	0	0.40	0.000158	±2.5	PASS
CA_7C	20+20	QPSK	21001+21199	100RB#0+100RB#0	NV	10	1.70	0.000671	±2.5	PASS
CA_7C	20+20	QPSK	21001+21199	100RB#0+100RB#0	NV	20	3.30	0.001302	±2.5	PASS
CA_7C	20+20	QPSK	21001+21199	100RB#0+100RB#0	NV	30	-3.30	-0.001302	±2.5	PASS
CA_7C	20+20	QPSK	21001+21199	100RB#0+100RB#0	NV	40	2.20	0.000868	±2.5	PASS

CA_7C	20+20	QPSK	21001+21199	100RB#0+100RB#0	NV	50	4.00	0.001578	±2.5	PASS
CA_7C	20+20	QPSK	21152+21350	100RB#0+100RB#0	NV	-30	0.80	0.000313	±2.5	PASS
CA_7C	20+20	QPSK	21152+21350	100RB#0+100RB#0	NV	-20	5.30	0.002070	±2.5	PASS
CA_7C	20+20	QPSK	21152+21350	100RB#0+100RB#0	NV	-10	0.50	0.000195	±2.5	PASS
CA_7C	20+20	QPSK	21152+21350	100RB#0+100RB#0	NV	0	1.10	0.000430	±2.5	PASS
CA_7C	20+20	QPSK	21152+21350	100RB#0+100RB#0	NV	10	3.60	0.001406	±2.5	PASS
CA_7C	20+20	QPSK	21152+21350	100RB#0+100RB#0	NV	20	1.10	0.000430	±2.5	PASS
CA_7C	20+20	QPSK	21152+21350	100RB#0+100RB#0	NV	30	1.80	0.000703	±2.5	PASS
CA_7C	20+20	QPSK	21152+21350	100RB#0+100RB#0	NV	40	2.30	0.000898	±2.5	PASS
CA_7C	20+20	QPSK	21152+21350	100RB#0+100RB#0	NV	50	8.20	0.003203	±2.5	PASS
CA_38C	20+20	QPSK	37850+38048	100RB#0+100RB#0	NV	-30	5.20	0.002016	±2.5	PASS
CA_38C	20+20	QPSK	37850+38048	100RB#0+100RB#0	NV	-20	7.30	0.002829	±2.5	PASS
CA_38C	20+20	QPSK	37850+38048	100RB#0+100RB#0	NV	-10	-0.30	-0.000116	±2.5	PASS
CA_38C	20+20	QPSK	37850+38048	100RB#0+100RB#0	NV	0	5.40	0.002093	±2.5	PASS
CA_38C	20+20	QPSK	37850+38048	100RB#0+100RB#0	NV	10	6.30	0.002442	±2.5	PASS
CA_38C	20+20	QPSK	37850+38048	100RB#0+100RB#0	NV	20	1.10	0.000426	±2.5	PASS
CA_38C	20+20	QPSK	37850+38048	100RB#0+100RB#0	NV	30	8.90	0.003450	±2.5	PASS
CA_38C	20+20	QPSK	37850+38048	100RB#0+100RB#0	NV	40	6.90	0.002674	±2.5	PASS
CA_38C	20+20	QPSK	37850+38048	100RB#0+100RB#0	NV	50	4.00	0.001550	±2.5	PASS
CA_38C	20+20	QPSK	37901+38099	100RB#0+100RB#0	NV	-30	7.60	0.002929	±2.5	PASS
CA_38C	20+20	QPSK	37901+38099	100RB#0+100RB#0	NV	-20	4.10	0.001580	±2.5	PASS
CA_38C	20+20	QPSK	37901+38099	100RB#0+100RB#0	NV	-10	7.90	0.003044	±2.5	PASS
CA_38C	20+20	QPSK	37901+38099	100RB#0+100RB#0	NV	0	3.60	0.001387	±2.5	PASS
CA_38C	20+20	QPSK	37901+38099	100RB#0+100RB#0	NV	10	2.50	0.000963	±2.5	PASS
CA_38C	20+20	QPSK	37901+38099	100RB#0+100RB#0	NV	20	4.90	0.001888	±2.5	PASS
CA_38C	20+20	QPSK	37901+38099	100RB#0+100RB#0	NV	30	4.90	0.001888	±2.5	PASS
CA_38C	20+20	QPSK	37901+38099	100RB#0+100RB#0	NV	40	6.90	0.002659	±2.5	PASS
CA_38C	20+20	QPSK	37901+38099	100RB#0+100RB#0	NV	50	7.30	0.002813	±2.5	PASS
CA_38C	20+20	QPSK	37952+38150	100RB#0+100RB#0	NV	-30	9.40	0.003602	±2.5	PASS
CA_38C	20+20	QPSK	37952+38150	100RB#0+100RB#0	NV	-20	8.20	0.003142	±2.5	PASS
CA_38C	20+20	QPSK	37952+38150	100RB#0+100RB#0	NV	-10	9.80	0.003755	±2.5	PASS
CA_38C	20+20	QPSK	37952+38150	100RB#0+100RB#0	NV	0	6.10	0.002337	±2.5	PASS
CA_38C	20+20	QPSK	37952+38150	100RB#0+100RB#0	NV	10	9.90	0.003793	±2.5	PASS
CA_38C	20+20	QPSK	37952+38150	100RB#0+100RB#0	NV	20	4.50	0.001724	±2.5	PASS
CA_38C	20+20	QPSK	37952+38150	100RB#0+100RB#0	NV	30	4.90	0.001877	±2.5	PASS
CA_38C	20+20	QPSK	37952+38150	100RB#0+100RB#0	NV	40	5.10	0.001954	±2.5	PASS
CA_38C	20+20	QPSK	37952+38150	100RB#0+100RB#0	NV	50	9.60	0.003678	±2.5	PASS
CA_41C	20+20	QPSK	39750+39948	100RB#0+100RB#0	NV	-30	8.00	0.003192	±2.5	PASS
CA_41C	20+20	QPSK	39750+39948	100RB#0+100RB#0	NV	-20	9.90	0.003951	±2.5	PASS
CA_41C	20+20	QPSK	39750+39948	100RB#0+100RB#0	NV	-10	12.00	0.004789	±2.5	PASS
CA_41C	20+20	QPSK	39750+39948	100RB#0+100RB#0	NV	0	8.90	0.003551	±2.5	PASS

CA_41C	20+20	QPSK	39750+39948	100RB#0+100RB#0	NV	10	3.80	0.001516	±2.5	PASS
CA_41C	20+20	QPSK	39750+39948	100RB#0+100RB#0	NV	20	8.10	0.003232	±2.5	PASS
CA_41C	20+20	QPSK	39750+39948	100RB#0+100RB#0	NV	30	7.50	0.002993	±2.5	PASS
CA_41C	20+20	QPSK	39750+39948	100RB#0+100RB#0	NV	40	8.90	0.003551	±2.5	PASS
CA_41C	20+20	QPSK	39750+39948	100RB#0+100RB#0	NV	50	4.10	0.001636	±2.5	PASS
CA_41C	20+20	QPSK	40521+40719	100RB#0+100RB#0	NV	-30	7.80	0.003008	±2.5	PASS
CA_41C	20+20	QPSK	40521+40719	100RB#0+100RB#0	NV	-20	-1.00	-0.000386	±2.5	PASS
CA_41C	20+20	QPSK	40521+40719	100RB#0+100RB#0	NV	-10	3.30	0.001273	±2.5	PASS
CA_41C	20+20	QPSK	40521+40719	100RB#0+100RB#0	NV	0	2.50	0.000964	±2.5	PASS
CA_41C	20+20	QPSK	40521+40719	100RB#0+100RB#0	NV	10	4.60	0.001774	±2.5	PASS
CA_41C	20+20	QPSK	40521+40719	100RB#0+100RB#0	NV	20	1.70	0.000656	±2.5	PASS
CA_41C	20+20	QPSK	40521+40719	100RB#0+100RB#0	NV	30	2.30	0.000887	±2.5	PASS
CA_41C	20+20	QPSK	40521+40719	100RB#0+100RB#0	NV	40	1.30	0.000501	±2.5	PASS
CA_41C	20+20	QPSK	40521+40719	100RB#0+100RB#0	NV	50	3.00	0.001157	±2.5	PASS
CA_41C	20+20	QPSK	41292+41490	100RB#0+100RB#0	NV	-30	2.30	0.000858	±2.5	PASS
CA_41C	20+20	QPSK	41292+41490	100RB#0+100RB#0	NV	-20	2.10	0.000784	±2.5	PASS
CA_41C	20+20	QPSK	41292+41490	100RB#0+100RB#0	NV	-10	7.20	0.002687	±2.5	PASS
CA_41C	20+20	QPSK	41292+41490	100RB#0+100RB#0	NV	0	5.00	0.001866	±2.5	PASS
CA_41C	20+20	QPSK	41292+41490	100RB#0+100RB#0	NV	10	3.80	0.001418	±2.5	PASS
CA_41C	20+20	QPSK	41292+41490	100RB#0+100RB#0	NV	20	7.20	0.002687	±2.5	PASS
CA_41C	20+20	QPSK	41292+41490	100RB#0+100RB#0	NV	30	6.70	0.002500	±2.5	PASS
CA_41C	20+20	QPSK	41292+41490	100RB#0+100RB#0	NV	40	1.30	0.000485	±2.5	PASS
CA_41C	20+20	QPSK	41292+41490	100RB#0+100RB#0	NV	50	4.90	0.001828	±2.5	PASS