

Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	9.06	0.005296	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	12.06	0.007050	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	-7.52	-0.004396	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-6.22	-0.003590	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	-7.37	-0.004254	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	15.41	0.008895	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-1.85	-0.001055	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	14.69	0.008374	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	13.29	0.007576	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-10.19	-0.005957	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	7.64	0.004466	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	-5.21	-0.003046	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	12.85	0.007417	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	2.59	0.001495	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	12.47	0.007198	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-5.89	-0.003357	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	8.50	0.004845	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-5.01	-0.002856	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	6.28	0.003669	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	-7.42	-0.004335	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	4.63	0.002705	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	10.90	0.006291	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	-7.68	-0.004433	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	11.04	0.006372	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	12.79	0.007294	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	-9.03	-0.005150	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	2.65	0.001511	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	-14.29	-0.008349	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	-2.47	-0.001443	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	4.76	0.002781	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	12.87	0.007429	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	-2.82	-0.001628	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	3.92	0.002263	±2.5	PASS

Band4	3MHz	16QAM	20385	15RB#0	VL	NT	-2.83	-0.001614	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	10.20	0.005817	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	6.37	0.003633	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	2.23	0.001302	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	6.04	0.003527	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	12.55	0.007328	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	2.33	0.001345	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	-10.44	-0.006026	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	-9.34	-0.005391	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	10.36	0.005912	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	2.47	0.001409	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	8.01	0.004571	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	-2.12	-0.001238	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	-10.63	-0.006207	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	10.13	0.005915	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	2.35	0.001356	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	2.47	0.001426	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	6.67	0.003850	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	6.64	0.003789	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	7.75	0.004422	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	3.28	0.001872	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	4.46	0.002601	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	14.45	0.008426	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	5.36	0.003125	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	1.76	0.001016	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	8.70	0.005022	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	10.24	0.005911	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	-8.30	-0.004743	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	5.29	0.003023	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	-10.99	-0.006280	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	6.14	0.003580	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	15.76	0.009190	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	6.94	0.004047	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	-6.94	-0.004006	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	-4.15	-0.002395	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	2.75	0.001587	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	-13.78	-0.007874	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	11.76	0.006720	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	6.69	0.003823	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	-7.12	-0.004146	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	14.46	0.008419	±2.5	PASS

Band4	15MHz	QPSK	20025	75RB#0	VH	NT	4.21	0.002451	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	10.00	0.005772	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	6.31	0.003642	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	14.99	0.008652	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	-9.73	-0.005568	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	2.96	0.001694	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	-8.98	-0.005139	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	2.32	0.001351	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	-3.03	-0.001764	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	4.84	0.002818	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	12.00	0.006926	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	7.82	0.004514	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	10.56	0.006095	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	-6.67	-0.003817	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	-9.36	-0.005356	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	2.76	0.001579	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	12.49	0.007262	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-1.30	-0.000756	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	10.61	0.006169	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	3.71	0.002141	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	10.09	0.005824	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	8.40	0.004848	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-3.86	-0.002212	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	6.74	0.003862	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	6.31	0.003616	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	3.09	0.001797	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	3.78	0.002198	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	6.75	0.003924	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	8.17	0.004716	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	7.05	0.004069	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	6.02	0.003475	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	11.10	0.006361	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	7.32	0.004195	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	9.00	0.005158	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-7.62	-0.004454	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	9.76	0.005705	±2.5	PASS

Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-6.21	-0.003630	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	7.81	0.004565	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-12.12	-0.007085	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	12.13	0.007001	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-2.83	-0.001633	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	11.09	0.006401	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	11.26	0.006499	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	10.73	0.006193	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-3.83	-0.002183	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	6.29	0.003585	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	2.45	0.001397	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-13.02	-0.007422	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	10.34	0.005894	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-7.58	-0.004431	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-10.19	-0.005957	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	6.58	0.003846	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-13.55	-0.007921	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	8.58	0.005015	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-3.73	-0.002153	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	15.62	0.009016	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	8.51	0.004912	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	15.01	0.008664	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	21.67	0.012508	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	12.75	0.007268	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-9.73	-0.005546	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	9.54	0.005438	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	13.90	0.007923	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-7.42	-0.004230	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	10.61	0.006199	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	-10.46	-0.006112	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	-8.35	-0.004879	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	3.92	0.002290	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	9.98	0.005831	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	3.95	0.002280	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	15.62	0.009016	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	12.09	0.006978	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	7.61	0.004392	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	6.75	0.003896	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	-2.40	-0.001369	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	5.56	0.003171	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	6.35	0.003621	±2.5	PASS

Band4	3MHz	QPSK	20385	15RB#0	NV	10	10.87	0.006199	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	12.57	0.007169	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	3.68	0.002150	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	-10.86	-0.006345	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	10.07	0.005884	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	6.09	0.003558	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	-2.72	-0.001589	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	8.94	0.005160	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	-5.88	-0.003394	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	2.33	0.001345	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	10.83	0.006251	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	15.76	0.009097	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	8.93	0.005093	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	-4.45	-0.002538	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	14.13	0.008058	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	-5.35	-0.003051	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	12.67	0.007226	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	7.40	0.004321	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	7.51	0.004385	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	10.49	0.006126	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	-9.21	-0.005378	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	10.91	0.006371	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	6.71	0.003873	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	2.49	0.001437	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-9.87	-0.005697	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	11.69	0.006747	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	-10.10	-0.005830	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	15.03	0.008576	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	11.87	0.006773	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	-6.54	-0.003732	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	3.23	0.001843	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	14.33	0.008177	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	9.68	0.005653	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	-7.97	-0.004654	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	-6.64	-0.003877	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	-7.65	-0.004467	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	-5.58	-0.003258	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-3.59	-0.002072	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	10.07	0.005812	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	2.66	0.001535	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	12.25	0.007071	±2.5	PASS

Band4	5MHz	16QAM	20175	25RB#0	NV	20	11.33	0.006540	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	5.76	0.003287	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	9.10	0.005193	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	11.56	0.006596	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	10.66	0.006083	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	5.42	0.003093	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	10.89	0.006350	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	7.34	0.004280	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	11.49	0.006700	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	9.10	0.005306	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	14.39	0.008391	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	-9.60	-0.005541	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	9.27	0.005351	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	8.11	0.004681	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-3.95	-0.002280	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	13.25	0.007648	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	-11.44	-0.006537	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	-12.13	-0.006931	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	9.03	0.005160	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	10.79	0.006166	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	-2.30	-0.001314	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	6.69	0.003901	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	17.50	0.010204	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	14.13	0.008239	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	8.00	0.004665	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	-8.87	-0.005172	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	9.97	0.005755	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	-4.55	-0.002626	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	5.61	0.003238	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	-5.64	-0.003255	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	20	5.19	0.002996	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	4.72	0.002697	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	-11.40	-0.006514	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	12.29	0.007023	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	-3.85	-0.002200	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	-2.12	-0.001211	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	7.75	0.004512	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	-7.80	-0.004541	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	11.63	0.006771	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	8.51	0.004955	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	7.37	0.004291	±2.5	PASS

Band4	15MHz	QPSK	20175	75RB#0	NV	-30	7.47	0.004312	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	6.97	0.004023	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	16.52	0.009535	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	4.39	0.002534	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	2.52	0.001455	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	2.55	0.001459	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	10.30	0.005894	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	3.62	0.002072	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	-14.08	-0.008057	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	2.95	0.001688	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	-7.15	-0.004163	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	13.49	0.007854	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	11.43	0.006655	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	4.69	0.002731	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	14.35	0.008355	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	-7.85	-0.004531	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	6.34	0.003659	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	8.71	0.005027	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	7.61	0.004392	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	10.86	0.006268	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	11.49	0.006575	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	-12.77	-0.007308	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	10.43	0.005969	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	7.67	0.004389	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	-1.63	-0.000933	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	9.24	0.005372	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	7.62	0.004430	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	12.46	0.007244	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	15.28	0.008884	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	11.03	0.006413	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	6.09	0.003515	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	9.66	0.005576	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	10.09	0.005824	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	8.63	0.004981	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	13.99	0.008075	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-2.93	-0.001679	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-12.35	-0.007077	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	3.55	0.002034	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	3.10	0.001777	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-11.12	-0.006372	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	11.36	0.006605	±2.5	PASS

Band4	20MHz	16QAM	20050	100RB#0	NV	-20	6.91	0.004017	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	10.11	0.005878	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-1.57	-0.000913	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-8.43	-0.004901	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	11.56	0.006672	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	15.78	0.009108	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	7.15	0.004127	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	4.71	0.002719	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-7.80	-0.004502	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	8.88	0.005089	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	4.02	0.002304	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-8.70	-0.004986	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-14.51	-0.008315	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-10.06	-0.005765	±2.5	PASS