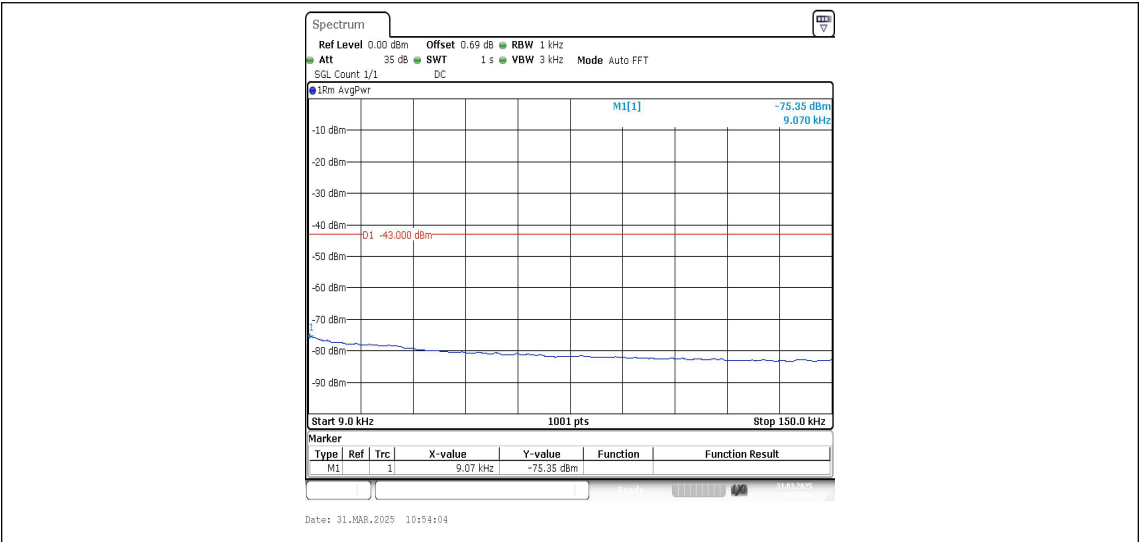
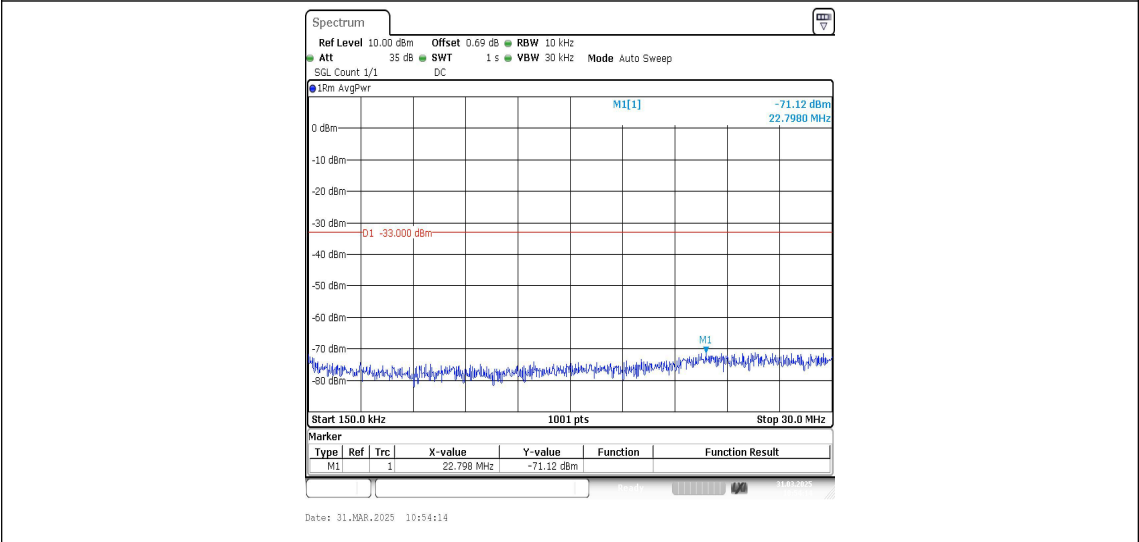
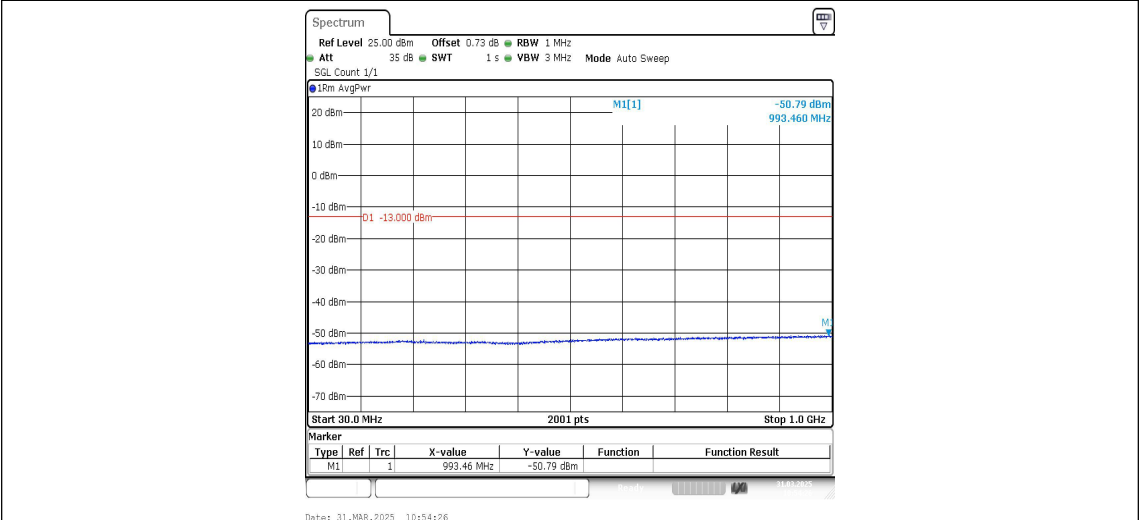




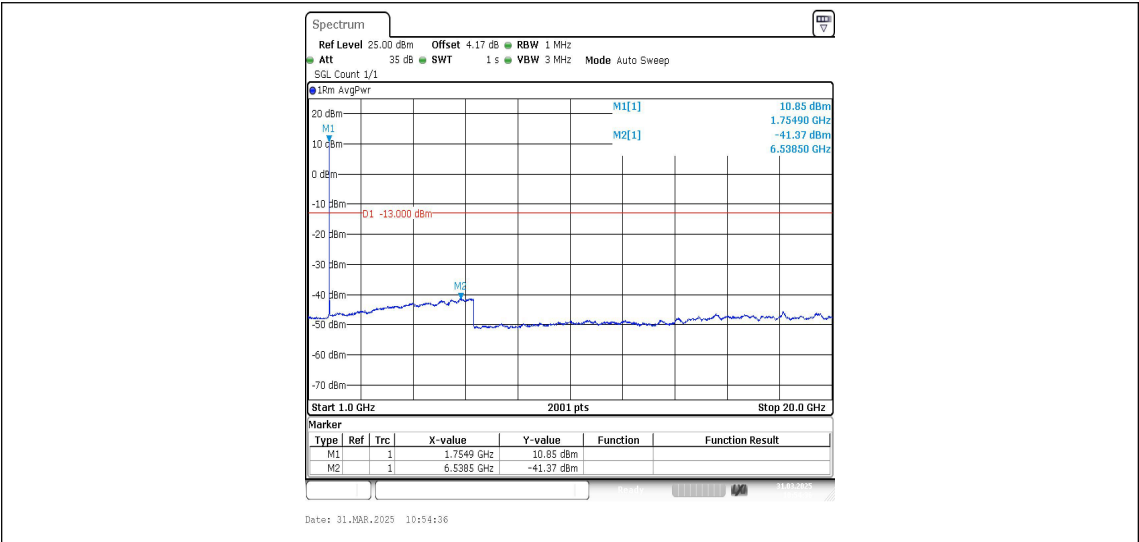
Band4-1513-3-0.009~0.15MHz-PASS



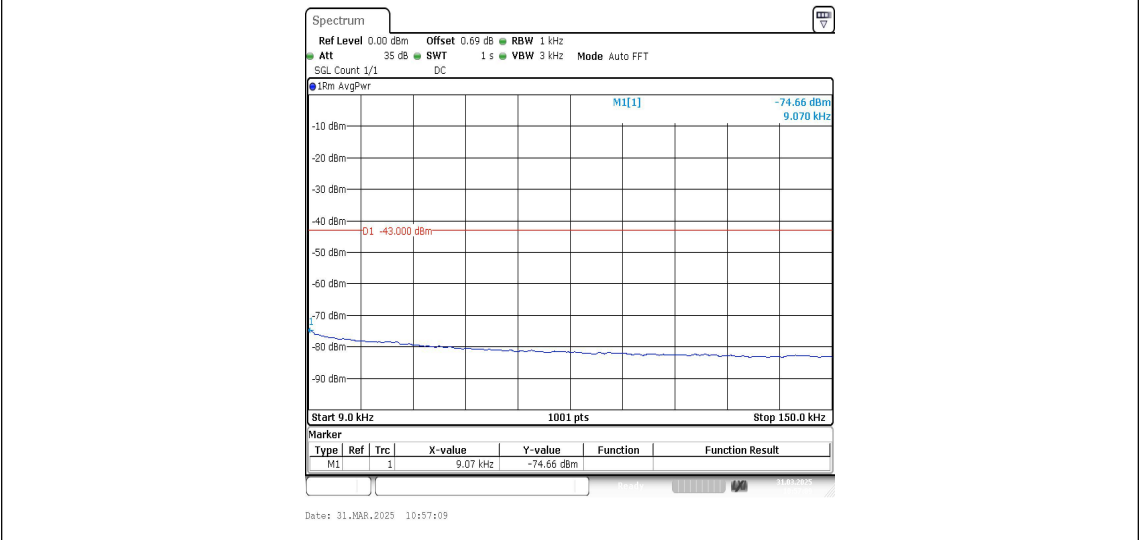
Band4-1513-3-0.15~30MHz-PASS



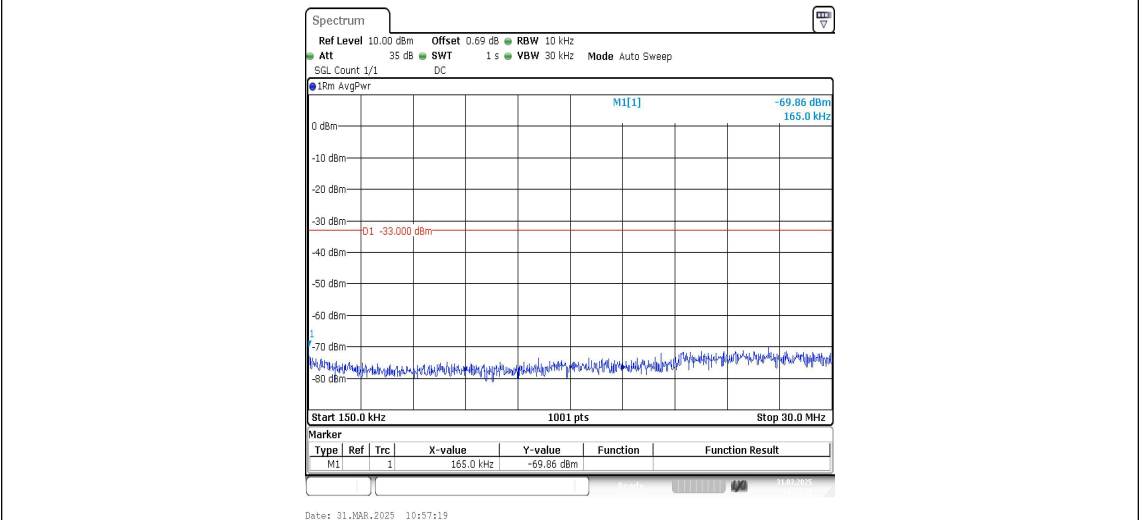
Band4-1513-3-30~1000MHz-PASS



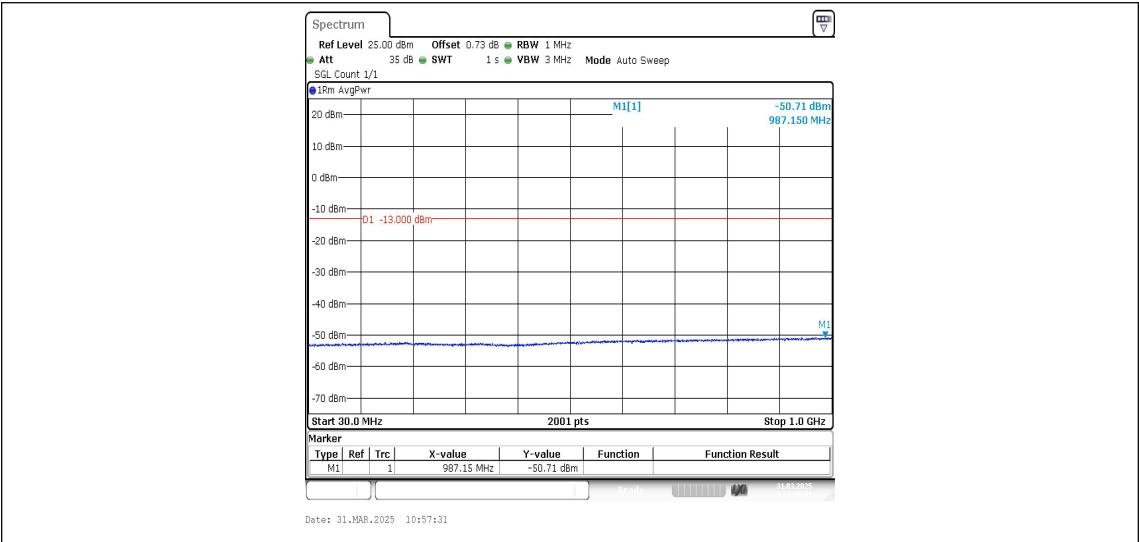
Band4-1513-3-1000~20000MHz-PASS



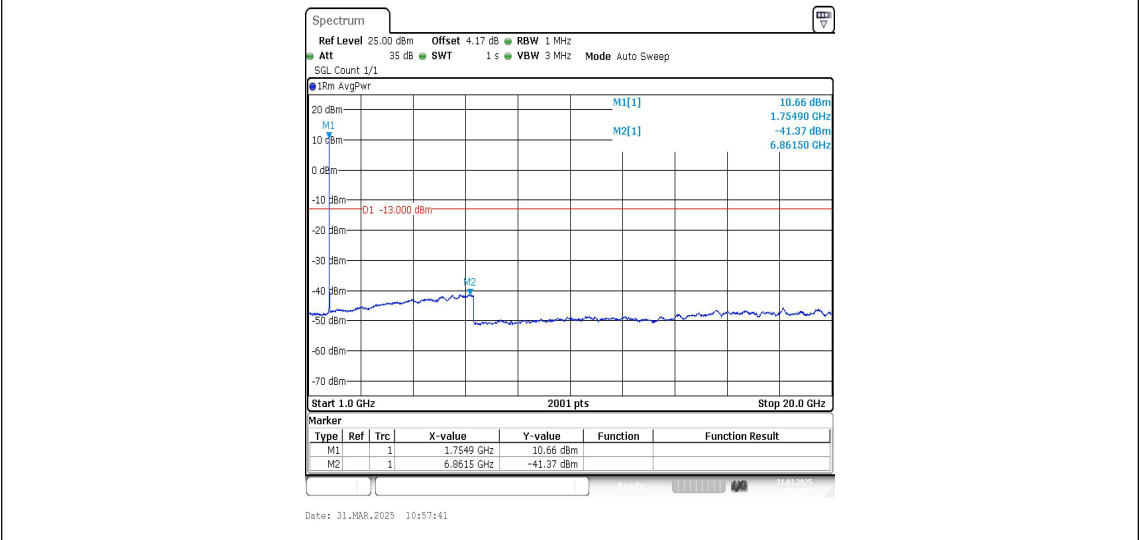
Band4-1513-4-0.009~0.15MHz-PASS



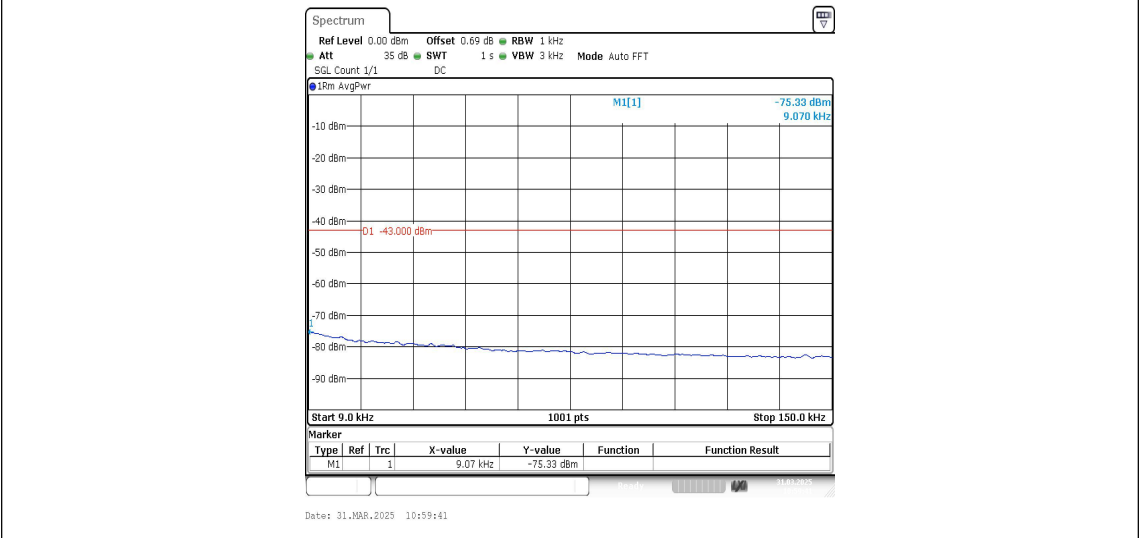
Band4-1513-4-0.15~30MHz-PASS



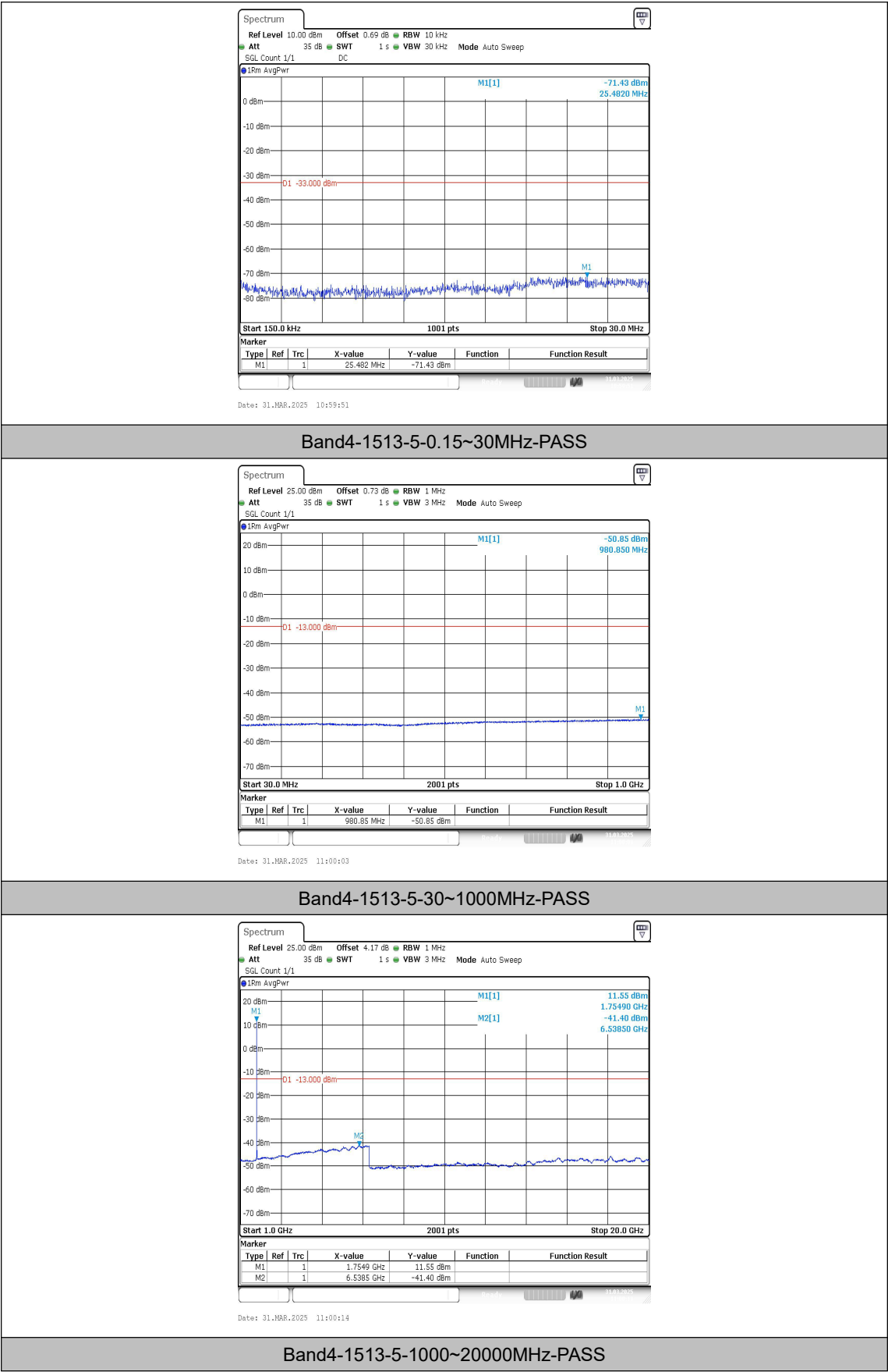
Band4-1513-4-30~1000MHz-PASS



Band4-1513-4-1000~20000MHz-PASS



Band4-1513-5-0.009~0.15MHz-PASS



Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VN	NT	-0.62	-0.000362	±2.5	PASS
Band4	1312	VL	NT	10.14	0.005922	±2.5	PASS
Band4	1312	VH	NT	3.35	0.001956	±2.5	PASS
Band4	1413	VN	NT	-9.13	-0.005270	±2.5	PASS
Band4	1413	VL	NT	10.40	0.006003	±2.5	PASS
Band4	1413	VH	NT	5.15	0.002972	±2.5	PASS
Band4	1513	VN	NT	-4.89	-0.002790	±2.5	PASS
Band4	1513	VL	NT	1.17	0.000668	±2.5	PASS
Band4	1513	VH	NT	-0.53	-0.000302	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	-0.25	-0.000146	±2.5	PASS
Band4	1312	NV	-20	-0.67	-0.000391	±2.5	PASS
Band4	1312	NV	-10	-1.17	-0.000683	±2.5	PASS
Band4	1312	NV	0	-1.85	-0.001080	±2.5	PASS
Band4	1312	NV	10	-0.99	-0.000578	±2.5	PASS
Band4	1312	NV	20	-2.90	-0.001694	±2.5	PASS
Band4	1312	NV	30	0.60	0.000350	±2.5	PASS
Band4	1312	NV	40	6.37	0.003720	±2.5	PASS
Band4	1312	NV	50	-2.88	-0.001682	±2.5	PASS
Band4	1413	NV	-30	-1.87	-0.001079	±2.5	PASS
Band4	1413	NV	-20	9.18	0.005298	±2.5	PASS
Band4	1413	NV	-10	6.75	0.003896	±2.5	PASS
Band4	1413	NV	0	5.26	0.003036	±2.5	PASS
Band4	1413	NV	10	6.75	0.003896	±2.5	PASS
Band4	1413	NV	20	5.34	0.003082	±2.5	PASS
Band4	1413	NV	30	6.86	0.003959	±2.5	PASS
Band4	1413	NV	40	9.74	0.005622	±2.5	PASS
Band4	1413	NV	50	9.12	0.005264	±2.5	PASS
Band4	1513	NV	-30	-5.32	-0.003035	±2.5	PASS
Band4	1513	NV	-20	1.98	0.001130	±2.5	PASS
Band4	1513	NV	-10	-1.04	-0.000593	±2.5	PASS

Band4	1513	NV	0	2.13	0.001215	±2.5	PASS
Band4	1513	NV	10	2.85	0.001626	±2.5	PASS
Band4	1513	NV	20	-2.23	-0.001272	±2.5	PASS
Band4	1513	NV	30	5.08	0.002899	±2.5	PASS
Band4	1513	NV	40	-6.04	-0.003446	±2.5	PASS
Band4	1513	NV	50	-6.32	-0.003606	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	3.12	0.001822	±2.5	PASS
Band4	1312	1	VL	NT	-3.01	-0.001758	±2.5	PASS
Band4	1312	1	VH	NT	-0.08	-0.000047	±2.5	PASS
Band4	1312	2	VN	NT	-5.91	-0.003451	±2.5	PASS
Band4	1312	2	VL	NT	8.79	0.005133	±2.5	PASS
Band4	1312	2	VH	NT	3.86	0.002254	±2.5	PASS
Band4	1312	3	VN	NT	-1.95	-0.001139	±2.5	PASS
Band4	1312	3	VL	NT	8.37	0.004888	±2.5	PASS
Band4	1312	3	VH	NT	3.07	0.001793	±2.5	PASS
Band4	1312	4	VN	NT	-5.04	-0.002943	±2.5	PASS
Band4	1312	4	VL	NT	7.64	0.004462	±2.5	PASS
Band4	1312	4	VH	NT	5.57	0.003253	±2.5	PASS
Band4	1413	1	VN	NT	1.19	0.000687	±2.5	PASS
Band4	1413	1	VL	NT	7.60	0.004386	±2.5	PASS
Band4	1413	1	VH	NT	-2.12	-0.001224	±2.5	PASS
Band4	1413	2	VN	NT	4.46	0.002574	±2.5	PASS
Band4	1413	2	VL	NT	2.33	0.001345	±2.5	PASS
Band4	1413	2	VH	NT	-2.18	-0.001258	±2.5	PASS
Band4	1413	3	VN	NT	-3.39	-0.001957	±2.5	PASS
Band4	1413	3	VL	NT	-1.85	-0.001068	±2.5	PASS
Band4	1413	3	VH	NT	9.31	0.005373	±2.5	PASS
Band4	1413	4	VN	NT	-9.00	-0.005195	±2.5	PASS
Band4	1413	4	VL	NT	-1.85	-0.001068	±2.5	PASS
Band4	1413	4	VH	NT	1.04	0.000600	±2.5	PASS
Band4	1513	1	VN	NT	6.92	0.003948	±2.5	PASS
Band4	1513	1	VL	NT	0.54	0.000308	±2.5	PASS
Band4	1513	1	VH	NT	-3.81	-0.002174	±2.5	PASS
Band4	1513	2	VN	NT	6.59	0.003760	±2.5	PASS
Band4	1513	2	VL	NT	-4.69	-0.002676	±2.5	PASS
Band4	1513	2	VH	NT	-6.21	-0.003543	±2.5	PASS

Band4	1513	3	VN	NT	1.65	0.000941	±2.5	PASS
Band4	1513	3	VL	NT	-0.31	-0.000177	±2.5	PASS
Band4	1513	3	VH	NT	-4.75	-0.002710	±2.5	PASS
Band4	1513	4	VN	NT	-2.89	-0.001649	±2.5	PASS
Band4	1513	4	VL	NT	-10.77	-0.006145	±2.5	PASS
Band4	1513	4	VH	NT	-8.58	-0.004896	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	7.17	0.004187	±2.5	PASS
Band4	1312	1	NV	-20	7.05	0.004117	±2.5	PASS
Band4	1312	1	NV	-10	3.34	0.001950	±2.5	PASS
Band4	1312	1	NV	0	-7.42	-0.004333	±2.5	PASS
Band4	1312	1	NV	10	-0.45	-0.000263	±2.5	PASS
Band4	1312	1	NV	20	-4.78	-0.002791	±2.5	PASS
Band4	1312	1	NV	30	-7.60	-0.004438	±2.5	PASS
Band4	1312	1	NV	40	-1.07	-0.000625	±2.5	PASS
Band4	1312	1	NV	50	-12.14	-0.007089	±2.5	PASS
Band4	1312	2	NV	-30	-1.12	-0.000654	±2.5	PASS
Band4	1312	2	NV	-20	-0.36	-0.000210	±2.5	PASS
Band4	1312	2	NV	-10	1.23	0.000718	±2.5	PASS
Band4	1312	2	NV	0	-2.87	-0.001676	±2.5	PASS
Band4	1312	2	NV	10	2.66	0.001553	±2.5	PASS
Band4	1312	2	NV	20	-10.65	-0.006219	±2.5	PASS
Band4	1312	2	NV	30	-4.14	-0.002418	±2.5	PASS
Band4	1312	2	NV	40	-4.44	-0.002593	±2.5	PASS
Band4	1312	2	NV	50	-3.31	-0.001933	±2.5	PASS
Band4	1312	3	NV	-30	2.21	0.001291	±2.5	PASS
Band4	1312	3	NV	-20	-0.04	-0.000023	±2.5	PASS
Band4	1312	3	NV	-10	-2.42	-0.001413	±2.5	PASS
Band4	1312	3	NV	0	-1.33	-0.000777	±2.5	PASS
Band4	1312	3	NV	10	-4.66	-0.002721	±2.5	PASS
Band4	1312	3	NV	20	-5.41	-0.003159	±2.5	PASS
Band4	1312	3	NV	30	1.21	0.000707	±2.5	PASS
Band4	1312	3	NV	40	-5.81	-0.003393	±2.5	PASS
Band4	1312	3	NV	50	0.11	0.000064	±2.5	PASS
Band4	1312	4	NV	-30	0.19	0.000111	±2.5	PASS
Band4	1312	4	NV	-20	-0.62	-0.000362	±2.5	PASS
Band4	1312	4	NV	-10	3.40	0.001986	±2.5	PASS

Band4	1312	4	NV	0	-7.63	-0.004456	±2.5	PASS
Band4	1312	4	NV	10	-3.68	-0.002149	±2.5	PASS
Band4	1312	4	NV	20	-6.27	-0.003662	±2.5	PASS
Band4	1312	4	NV	30	-5.12	-0.002990	±2.5	PASS
Band4	1312	4	NV	40	-7.16	-0.004181	±2.5	PASS
Band4	1312	4	NV	50	-3.60	-0.002102	±2.5	PASS
Band4	1413	1	NV	-30	-1.22	-0.000704	±2.5	PASS
Band4	1413	1	NV	-20	-9.05	-0.005223	±2.5	PASS
Band4	1413	1	NV	-10	-2.83	-0.001633	±2.5	PASS
Band4	1413	1	NV	0	-3.81	-0.002199	±2.5	PASS
Band4	1413	1	NV	10	-5.55	-0.003203	±2.5	PASS
Band4	1413	1	NV	20	-3.77	-0.002176	±2.5	PASS
Band4	1413	1	NV	30	-7.77	-0.004485	±2.5	PASS
Band4	1413	1	NV	40	3.96	0.002286	±2.5	PASS
Band4	1413	1	NV	50	4.10	0.002366	±2.5	PASS
Band4	1413	2	NV	-30	-0.19	-0.000110	±2.5	PASS
Band4	1413	2	NV	-20	-5.54	-0.003198	±2.5	PASS
Band4	1413	2	NV	-10	-8.56	-0.004941	±2.5	PASS
Band4	1413	2	NV	0	0.01	0.000006	±2.5	PASS
Band4	1413	2	NV	10	-3.78	-0.002182	±2.5	PASS
Band4	1413	2	NV	20	2.26	0.001304	±2.5	PASS
Band4	1413	2	NV	30	-0.25	-0.000144	±2.5	PASS
Band4	1413	2	NV	40	-2.44	-0.001408	±2.5	PASS
Band4	1413	2	NV	50	-6.37	-0.003677	±2.5	PASS
Band4	1413	3	NV	-30	1.02	0.000589	±2.5	PASS
Band4	1413	3	NV	-20	0.99	0.000571	±2.5	PASS
Band4	1413	3	NV	-10	-0.76	-0.000439	±2.5	PASS
Band4	1413	3	NV	0	-4.56	-0.002632	±2.5	PASS
Band4	1413	3	NV	10	3.86	0.002228	±2.5	PASS
Band4	1413	3	NV	20	-3.94	-0.002274	±2.5	PASS
Band4	1413	3	NV	30	-0.65	-0.000375	±2.5	PASS
Band4	1413	3	NV	40	0.78	0.000450	±2.5	PASS
Band4	1413	3	NV	50	-1.32	-0.000762	±2.5	PASS
Band4	1413	4	NV	-30	3.93	0.002268	±2.5	PASS
Band4	1413	4	NV	-20	-1.85	-0.001068	±2.5	PASS
Band4	1413	4	NV	-10	-0.97	-0.000560	±2.5	PASS
Band4	1413	4	NV	0	1.60	0.000923	±2.5	PASS
Band4	1413	4	NV	10	-3.53	-0.002037	±2.5	PASS
Band4	1413	4	NV	20	-6.05	-0.003492	±2.5	PASS
Band4	1413	4	NV	30	-0.46	-0.000265	±2.5	PASS
Band4	1413	4	NV	40	-1.57	-0.000906	±2.5	PASS

Band4	1413	4	NV	50	-0.36	-0.000208	±2.5	PASS
Band4	1513	1	NV	-30	-2.02	-0.001153	±2.5	PASS
Band4	1513	1	NV	-20	2.57	0.001466	±2.5	PASS
Band4	1513	1	NV	-10	3.86	0.002202	±2.5	PASS
Band4	1513	1	NV	0	-11.30	-0.006448	±2.5	PASS
Band4	1513	1	NV	10	-6.35	-0.003623	±2.5	PASS
Band4	1513	1	NV	20	-3.23	-0.001843	±2.5	PASS
Band4	1513	1	NV	30	-0.89	-0.000508	±2.5	PASS
Band4	1513	1	NV	40	4.48	0.002556	±2.5	PASS
Band4	1513	1	NV	50	6.29	0.003589	±2.5	PASS
Band4	1513	2	NV	-30	-5.93	-0.003384	±2.5	PASS
Band4	1513	2	NV	-20	-10.38	-0.005923	±2.5	PASS
Band4	1513	2	NV	-10	-6.17	-0.003520	±2.5	PASS
Band4	1513	2	NV	0	-10.04	-0.005729	±2.5	PASS
Band4	1513	2	NV	10	-12.52	-0.007144	±2.5	PASS
Band4	1513	2	NV	20	8.68	0.004953	±2.5	PASS
Band4	1513	2	NV	30	4.25	0.002425	±2.5	PASS
Band4	1513	2	NV	40	7.04	0.004017	±2.5	PASS
Band4	1513	2	NV	50	4.53	0.002585	±2.5	PASS
Band4	1513	3	NV	-30	-3.23	-0.001843	±2.5	PASS
Band4	1513	3	NV	-20	-2.15	-0.001227	±2.5	PASS
Band4	1513	3	NV	-10	-6.72	-0.003834	±2.5	PASS
Band4	1513	3	NV	0	-4.66	-0.002659	±2.5	PASS
Band4	1513	3	NV	10	-3.12	-0.001780	±2.5	PASS
Band4	1513	3	NV	20	10.15	0.005791	±2.5	PASS
Band4	1513	3	NV	30	8.50	0.004850	±2.5	PASS
Band4	1513	3	NV	40	8.32	0.004747	±2.5	PASS
Band4	1513	3	NV	50	11.51	0.006567	±2.5	PASS
Band4	1513	4	NV	-30	0.97	0.000553	±2.5	PASS
Band4	1513	4	NV	-20	-5.37	-0.003064	±2.5	PASS
Band4	1513	4	NV	-10	1.14	0.000650	±2.5	PASS
Band4	1513	4	NV	0	3.77	0.002151	±2.5	PASS
Band4	1513	4	NV	10	5.58	0.003184	±2.5	PASS
Band4	1513	4	NV	20	9.21	0.005255	±2.5	PASS
Band4	1513	4	NV	30	5.72	0.003264	±2.5	PASS
Band4	1513	4	NV	40	0.85	0.000485	±2.5	PASS
Band4	1513	4	NV	50	8.08	0.004610	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	-2.63	-0.001536	±2.5	PASS
Band4	1312	1	VL	NT	-2.95	-0.001723	±2.5	PASS
Band4	1312	1	VH	NT	8.30	0.004847	±2.5	PASS
Band4	1312	2	VN	NT	5.54	0.003235	±2.5	PASS
Band4	1312	2	VL	NT	-2.11	-0.001232	±2.5	PASS
Band4	1312	2	VH	NT	8.32	0.004859	±2.5	PASS
Band4	1312	3	VN	NT	1.02	0.000596	±2.5	PASS
Band4	1312	3	VL	NT	-3.81	-0.002225	±2.5	PASS
Band4	1312	3	VH	NT	4.01	0.002342	±2.5	PASS
Band4	1312	4	VN	NT	-4.26	-0.002488	±2.5	PASS
Band4	1312	4	VL	NT	3.50	0.002044	±2.5	PASS
Band4	1312	4	VH	NT	-4.68	-0.002733	±2.5	PASS
Band4	1312	5	VN	NT	-5.24	-0.003060	±2.5	PASS
Band4	1312	5	VL	NT	3.36	0.001962	±2.5	PASS
Band4	1312	5	VH	NT	-12.45	-0.007270	±2.5	PASS
Band4	1413	1	VN	NT	11.77	0.006793	±2.5	PASS
Band4	1413	1	VL	NT	-1.09	-0.000629	±2.5	PASS
Band4	1413	1	VH	NT	4.23	0.002441	±2.5	PASS
Band4	1413	2	VN	NT	0.19	0.000110	±2.5	PASS
Band4	1413	2	VL	NT	2.46	0.001420	±2.5	PASS
Band4	1413	2	VH	NT	-2.40	-0.001385	±2.5	PASS
Band4	1413	3	VN	NT	3.92	0.002262	±2.5	PASS
Band4	1413	3	VL	NT	-5.53	-0.003192	±2.5	PASS
Band4	1413	3	VH	NT	-5.97	-0.003446	±2.5	PASS
Band4	1413	4	VN	NT	10.44	0.006026	±2.5	PASS
Band4	1413	4	VL	NT	6.63	0.003827	±2.5	PASS
Band4	1413	4	VH	NT	-6.54	-0.003775	±2.5	PASS
Band4	1413	5	VN	NT	2.18	0.001258	±2.5	PASS
Band4	1413	5	VL	NT	2.12	0.001224	±2.5	PASS
Band4	1413	5	VH	NT	1.80	0.001039	±2.5	PASS
Band4	1513	1	VN	NT	1.42	0.000810	±2.5	PASS
Band4	1513	1	VL	NT	8.10	0.004622	±2.5	PASS
Band4	1513	1	VH	NT	6.39	0.003646	±2.5	PASS
Band4	1513	2	VN	NT	1.47	0.000839	±2.5	PASS
Band4	1513	2	VL	NT	0.81	0.000462	±2.5	PASS
Band4	1513	2	VH	NT	6.50	0.003709	±2.5	PASS
Band4	1513	3	VN	NT	-2.55	-0.001455	±2.5	PASS

Band4	1513	3	VL	NT	7.37	0.004205	±2.5	PASS
Band4	1513	3	VH	NT	2.01	0.001147	±2.5	PASS
Band4	1513	4	VN	NT	-5.75	-0.003281	±2.5	PASS
Band4	1513	4	VL	NT	-5.84	-0.003332	±2.5	PASS
Band4	1513	4	VH	NT	6.69	0.003817	±2.5	PASS
Band4	1513	5	VN	NT	-8.03	-0.004582	±2.5	PASS
Band4	1513	5	VL	NT	3.71	0.002117	±2.5	PASS
Band4	1513	5	VH	NT	-10.18	-0.005809	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	4.69	0.002739	±2.5	PASS
Band4	1312	1	NV	-20	-7.12	-0.004158	±2.5	PASS
Band4	1312	1	NV	-10	-0.92	-0.000537	±2.5	PASS
Band4	1312	1	NV	0	-4.08	-0.002383	±2.5	PASS
Band4	1312	1	NV	10	0.14	0.000082	±2.5	PASS
Band4	1312	1	NV	20	-0.79	-0.000461	±2.5	PASS
Band4	1312	1	NV	30	-2.75	-0.001606	±2.5	PASS
Band4	1312	1	NV	40	4.84	0.002826	±2.5	PASS
Band4	1312	1	NV	50	-1.12	-0.000654	±2.5	PASS
Band4	1312	2	NV	-30	-1.44	-0.000841	±2.5	PASS
Band4	1312	2	NV	-20	-3.38	-0.001974	±2.5	PASS
Band4	1312	2	NV	-10	3.23	0.001886	±2.5	PASS
Band4	1312	2	NV	0	-4.90	-0.002861	±2.5	PASS
Band4	1312	2	NV	10	-0.90	-0.000526	±2.5	PASS
Band4	1312	2	NV	20	-0.64	-0.000374	±2.5	PASS
Band4	1312	2	NV	30	-2.37	-0.001384	±2.5	PASS
Band4	1312	2	NV	40	5.83	0.003405	±2.5	PASS
Band4	1312	2	NV	50	9.16	0.005349	±2.5	PASS
Band4	1312	3	NV	-30	-0.44	-0.000257	±2.5	PASS
Band4	1312	3	NV	-20	-3.20	-0.001869	±2.5	PASS
Band4	1312	3	NV	-10	-9.58	-0.005594	±2.5	PASS
Band4	1312	3	NV	0	4.26	0.002488	±2.5	PASS
Band4	1312	3	NV	10	-7.47	-0.004362	±2.5	PASS
Band4	1312	3	NV	20	-2.69	-0.001571	±2.5	PASS
Band4	1312	3	NV	30	3.21	0.001875	±2.5	PASS
Band4	1312	3	NV	40	-2.47	-0.001442	±2.5	PASS
Band4	1312	3	NV	50	-2.56	-0.001495	±2.5	PASS
Band4	1312	4	NV	-30	1.07	0.000625	±2.5	PASS

Band4	1312	4	NV	-20	2.76	0.001612	±2.5	PASS
Band4	1312	4	NV	-10	1.40	0.000818	±2.5	PASS
Band4	1312	4	NV	0	-9.97	-0.005822	±2.5	PASS
Band4	1312	4	NV	10	-1.75	-0.001022	±2.5	PASS
Band4	1312	4	NV	20	-11.10	-0.006482	±2.5	PASS
Band4	1312	4	NV	30	8.61	0.005028	±2.5	PASS
Band4	1312	4	NV	40	4.39	0.002564	±2.5	PASS
Band4	1312	4	NV	50	5.26	0.003072	±2.5	PASS
Band4	1312	5	NV	-30	2.88	0.001682	±2.5	PASS
Band4	1312	5	NV	-20	1.22	0.000712	±2.5	PASS
Band4	1312	5	NV	-10	-2.30	-0.001343	±2.5	PASS
Band4	1312	5	NV	0	-10.15	-0.005927	±2.5	PASS
Band4	1312	5	NV	10	11.65	0.006803	±2.5	PASS
Band4	1312	5	NV	20	2.57	0.001501	±2.5	PASS
Band4	1312	5	NV	30	9.53	0.005565	±2.5	PASS
Band4	1312	5	NV	40	5.56	0.003247	±2.5	PASS
Band4	1312	5	NV	50	-1.82	-0.001063	±2.5	PASS
Band4	1413	1	NV	-30	5.76	0.003324	±2.5	PASS
Band4	1413	1	NV	-20	-8.97	-0.005177	±2.5	PASS
Band4	1413	1	NV	-10	-8.64	-0.004987	±2.5	PASS
Band4	1413	1	NV	0	1.65	0.000952	±2.5	PASS
Band4	1413	1	NV	10	2.21	0.001276	±2.5	PASS
Band4	1413	1	NV	20	3.76	0.002170	±2.5	PASS
Band4	1413	1	NV	30	1.59	0.000918	±2.5	PASS
Band4	1413	1	NV	40	6.02	0.003475	±2.5	PASS
Band4	1413	1	NV	50	-2.39	-0.001379	±2.5	PASS
Band4	1413	2	NV	-30	-6.69	-0.003861	±2.5	PASS
Band4	1413	2	NV	-20	5.34	0.003082	±2.5	PASS
Band4	1413	2	NV	-10	6.97	0.004023	±2.5	PASS
Band4	1413	2	NV	0	1.92	0.001108	±2.5	PASS
Band4	1413	2	NV	10	-5.01	-0.002892	±2.5	PASS
Band4	1413	2	NV	20	2.54	0.001466	±2.5	PASS
Band4	1413	2	NV	30	-3.54	-0.002043	±2.5	PASS
Band4	1413	2	NV	40	-5.66	-0.003267	±2.5	PASS
Band4	1413	2	NV	50	-9.51	-0.005489	±2.5	PASS
Band4	1413	3	NV	-30	4.80	0.002770	±2.5	PASS
Band4	1413	3	NV	-20	-2.79	-0.001610	±2.5	PASS
Band4	1413	3	NV	-10	0.29	0.000167	±2.5	PASS
Band4	1413	3	NV	0	-2.19	-0.001264	±2.5	PASS
Band4	1413	3	NV	10	-5.93	-0.003423	±2.5	PASS
Band4	1413	3	NV	20	-4.24	-0.002447	±2.5	PASS

Band4	1413	3	NV	30	-4.47	-0.002580	±2.5	PASS
Band4	1413	3	NV	40	0.77	0.000444	±2.5	PASS
Band4	1413	3	NV	50	-2.89	-0.001668	±2.5	PASS
Band4	1413	4	NV	-30	-1.00	-0.000577	±2.5	PASS
Band4	1413	4	NV	-20	3.66	0.002112	±2.5	PASS
Band4	1413	4	NV	-10	0.86	0.000496	±2.5	PASS
Band4	1413	4	NV	0	2.08	0.001201	±2.5	PASS
Band4	1413	4	NV	10	-2.40	-0.001385	±2.5	PASS
Band4	1413	4	NV	20	-3.20	-0.001847	±2.5	PASS
Band4	1413	4	NV	30	-4.46	-0.002574	±2.5	PASS
Band4	1413	4	NV	40	-3.78	-0.002182	±2.5	PASS
Band4	1413	4	NV	50	-5.54	-0.003198	±2.5	PASS
Band4	1413	5	NV	-30	-1.62	-0.000935	±2.5	PASS
Band4	1413	5	NV	-20	-7.72	-0.004456	±2.5	PASS
Band4	1413	5	NV	-10	1.66	0.000958	±2.5	PASS
Band4	1413	5	NV	0	9.33	0.005385	±2.5	PASS
Band4	1413	5	NV	10	2.87	0.001656	±2.5	PASS
Band4	1413	5	NV	20	3.05	0.001760	±2.5	PASS
Band4	1413	5	NV	30	-1.57	-0.000906	±2.5	PASS
Band4	1413	5	NV	40	-5.66	-0.003267	±2.5	PASS
Band4	1413	5	NV	50	3.71	0.002141	±2.5	PASS
Band4	1513	1	NV	-30	1.66	0.000947	±2.5	PASS
Band4	1513	1	NV	-20	2.00	0.001141	±2.5	PASS
Band4	1513	1	NV	-10	-13.25	-0.007560	±2.5	PASS
Band4	1513	1	NV	0	4.27	0.002436	±2.5	PASS
Band4	1513	1	NV	10	0.68	0.000388	±2.5	PASS
Band4	1513	1	NV	20	5.78	0.003298	±2.5	PASS
Band4	1513	1	NV	30	1.24	0.000708	±2.5	PASS
Band4	1513	1	NV	40	7.46	0.004257	±2.5	PASS
Band4	1513	1	NV	50	-1.81	-0.001033	±2.5	PASS
Band4	1513	2	NV	-30	-6.95	-0.003966	±2.5	PASS
Band4	1513	2	NV	-20	-0.26	-0.000148	±2.5	PASS
Band4	1513	2	NV	-10	-8.16	-0.004656	±2.5	PASS
Band4	1513	2	NV	0	1.80	0.001027	±2.5	PASS
Band4	1513	2	NV	10	-1.58	-0.000902	±2.5	PASS
Band4	1513	2	NV	20	5.96	0.003401	±2.5	PASS
Band4	1513	2	NV	30	3.10	0.001769	±2.5	PASS
Band4	1513	2	NV	40	0.24	0.000137	±2.5	PASS
Band4	1513	2	NV	50	-2.22	-0.001267	±2.5	PASS
Band4	1513	3	NV	-30	-1.43	-0.000816	±2.5	PASS
Band4	1513	3	NV	-20	3.86	0.002202	±2.5	PASS

Band4	1513	3	NV	-10	-3.45	-0.001969	±2.5	PASS
Band4	1513	3	NV	0	3.98	0.002271	±2.5	PASS
Band4	1513	3	NV	10	-6.12	-0.003492	±2.5	PASS
Band4	1513	3	NV	20	-3.42	-0.001951	±2.5	PASS
Band4	1513	3	NV	30	5.86	0.003344	±2.5	PASS
Band4	1513	3	NV	40	0.78	0.000445	±2.5	PASS
Band4	1513	3	NV	50	-8.09	-0.004616	±2.5	PASS
Band4	1513	4	NV	-30	0.41	0.000234	±2.5	PASS
Band4	1513	4	NV	-20	2.32	0.001324	±2.5	PASS
Band4	1513	4	NV	-10	3.00	0.001712	±2.5	PASS
Band4	1513	4	NV	0	-2.95	-0.001683	±2.5	PASS
Band4	1513	4	NV	10	1.54	0.000879	±2.5	PASS
Band4	1513	4	NV	20	-1.95	-0.001113	±2.5	PASS
Band4	1513	4	NV	30	-1.75	-0.000999	±2.5	PASS
Band4	1513	4	NV	40	4.11	0.002345	±2.5	PASS
Band4	1513	4	NV	50	-3.08	-0.001757	±2.5	PASS
Band4	1513	5	NV	-30	8.07	0.004605	±2.5	PASS
Band4	1513	5	NV	-20	1.54	0.000879	±2.5	PASS
Band4	1513	5	NV	-10	7.24	0.004131	±2.5	PASS
Band4	1513	5	NV	0	-2.13	-0.001215	±2.5	PASS
Band4	1513	5	NV	10	0.64	0.000365	±2.5	PASS
Band4	1513	5	NV	20	-11.12	-0.006345	±2.5	PASS
Band4	1513	5	NV	30	-9.70	-0.005535	±2.5	PASS
Band4	1513	5	NV	40	2.19	0.001250	±2.5	PASS
Band4	1513	5	NV	50	0.01	0.000006	±2.5	PASS