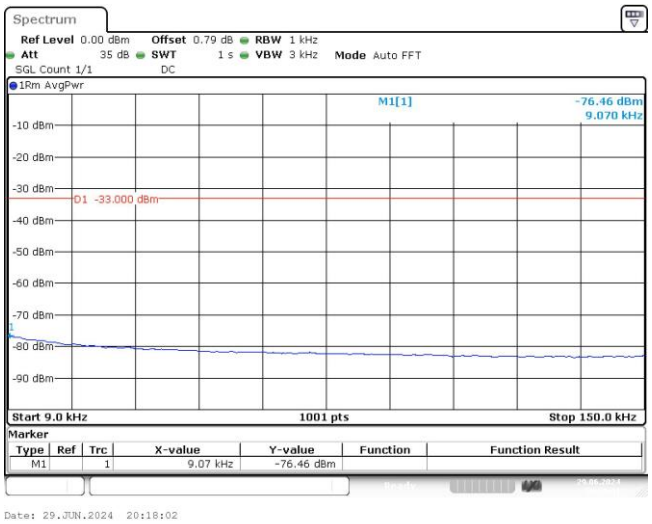
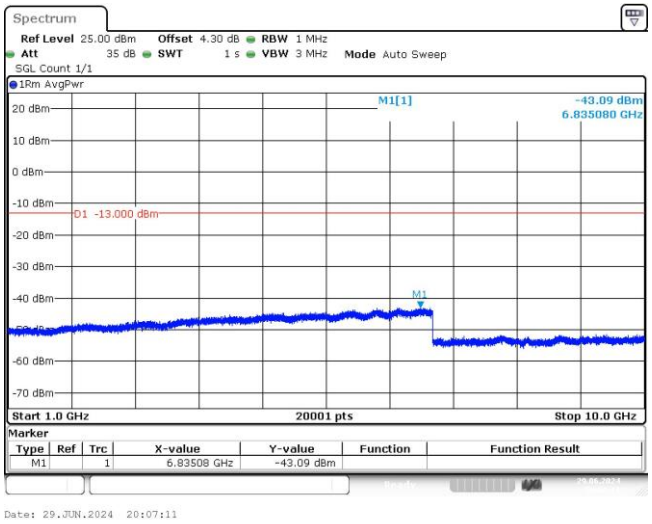
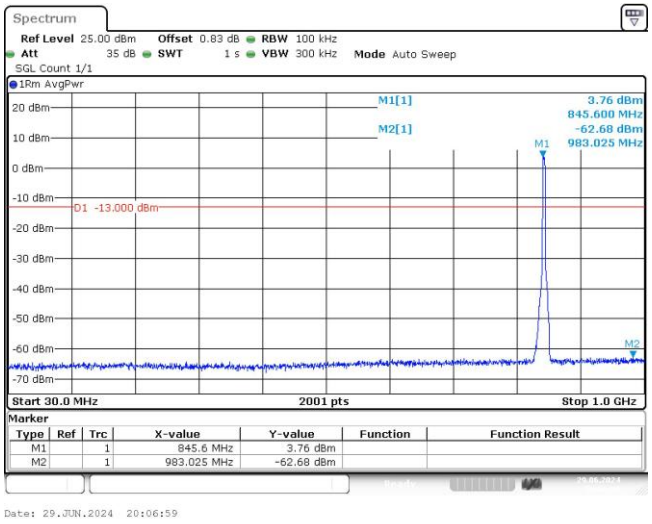


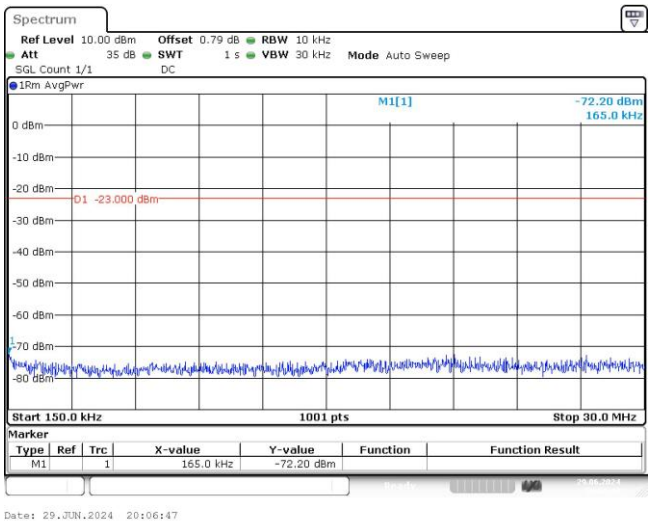
Band5-4233-1-1000~10000MHz



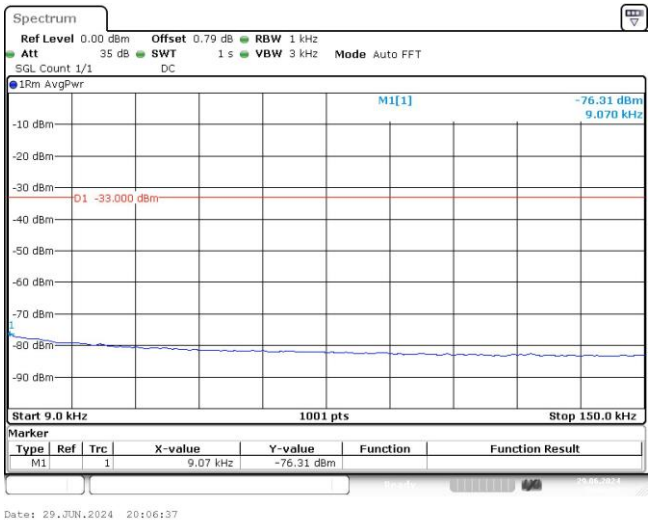
Band5-4233-1-30~1000MHz



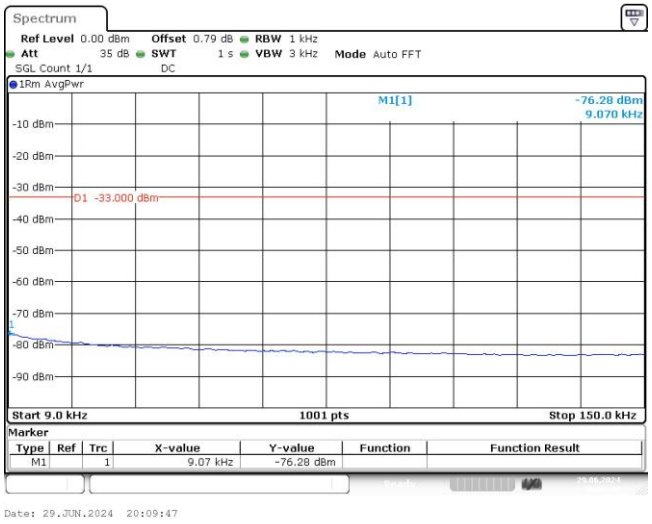
Band5-4233-1-0.15~30MHz



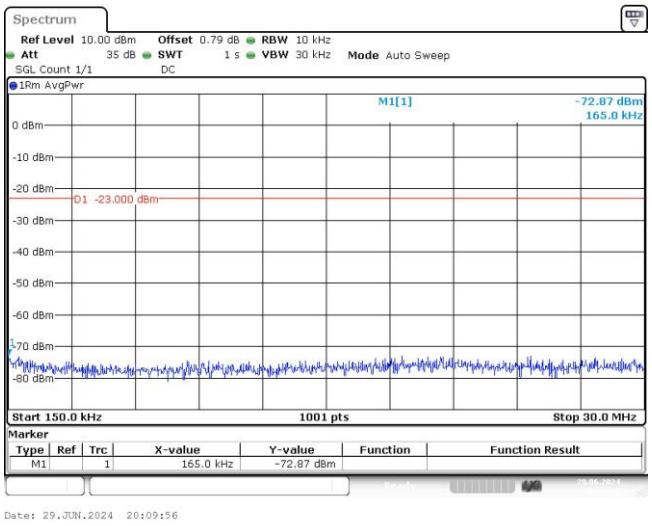
Band5-4233-1-0.009~0.15MHz



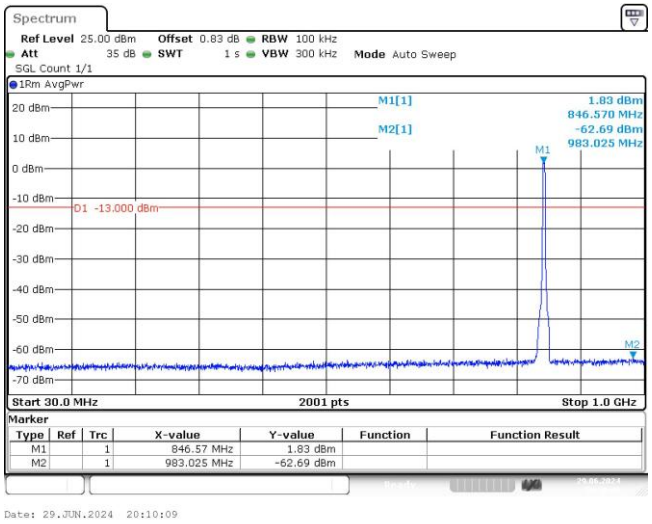
Band5-4233-2-0.009~0.15MHz



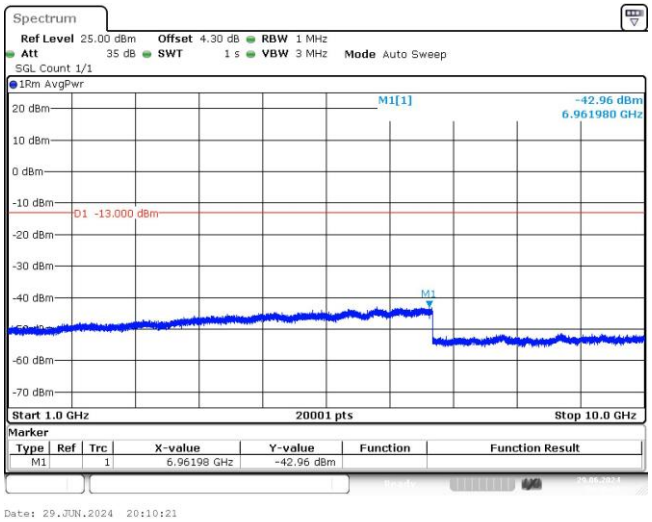
Band5-4233-2-0.15~30MHz



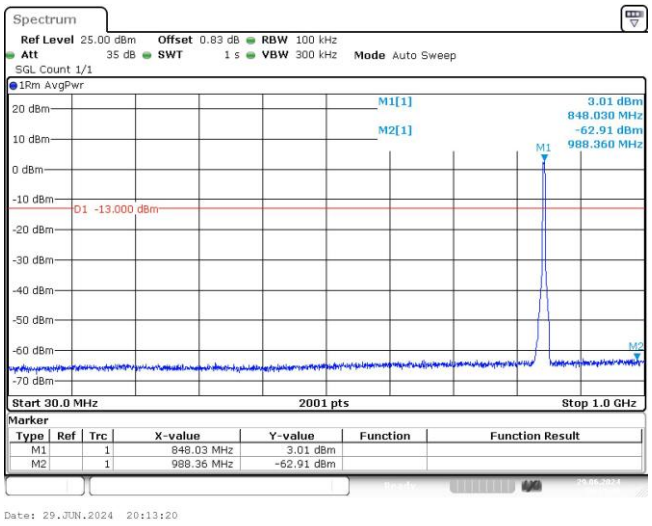
Band5-4233-2-30~1000MHz



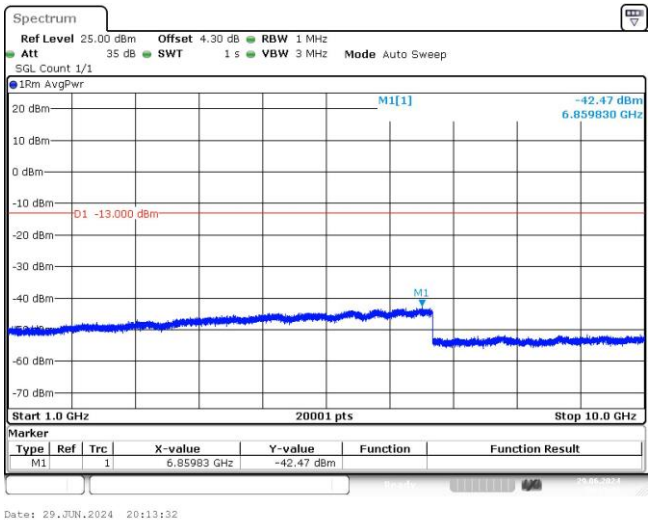
Band5-4233-2-1000~10000MHz



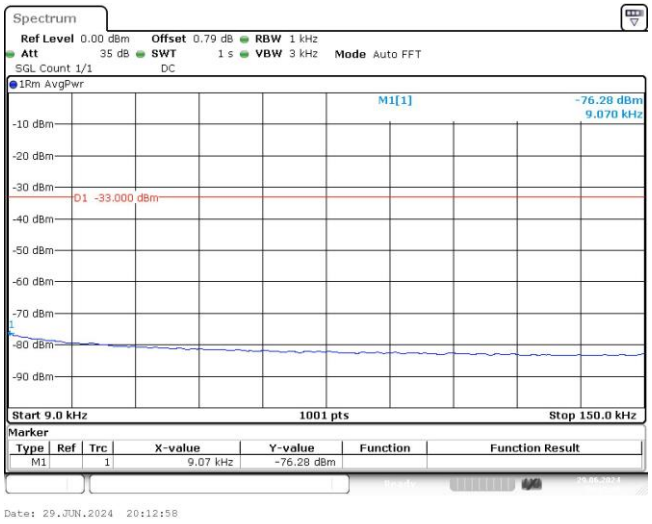
Band5-4233-3-30~1000MHz



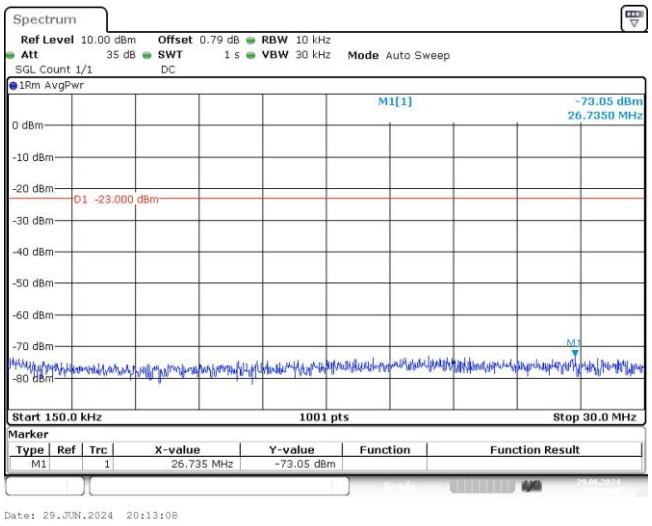
Band5-4233-3-1000~10000MHz



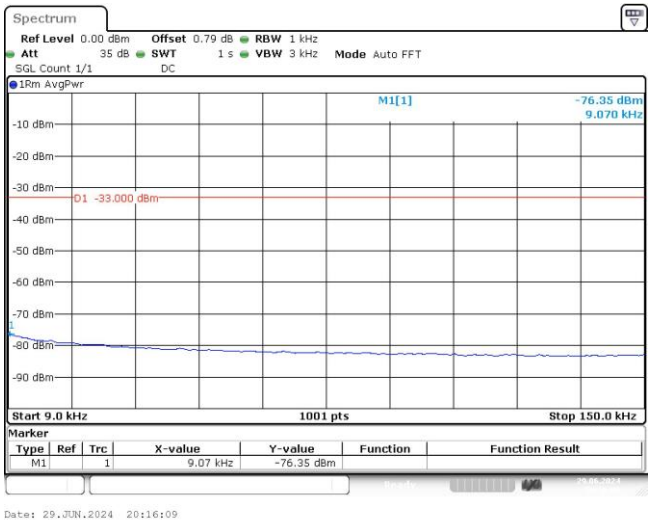
Band5-4233-3-0.009~0.15MHz



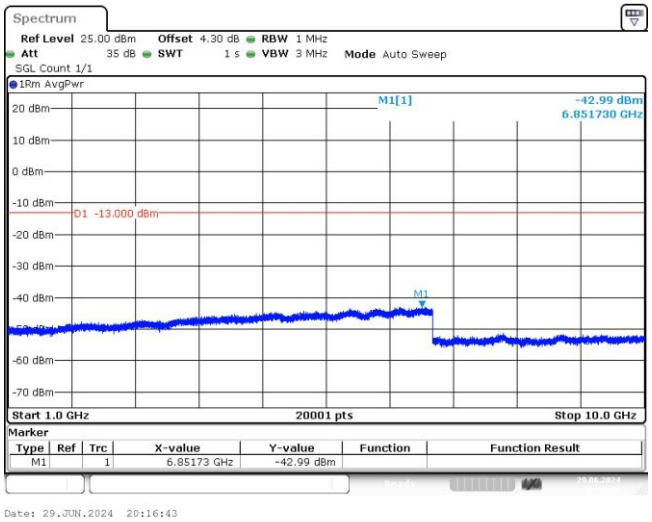
Band5-4233-3-0.15~30MHz



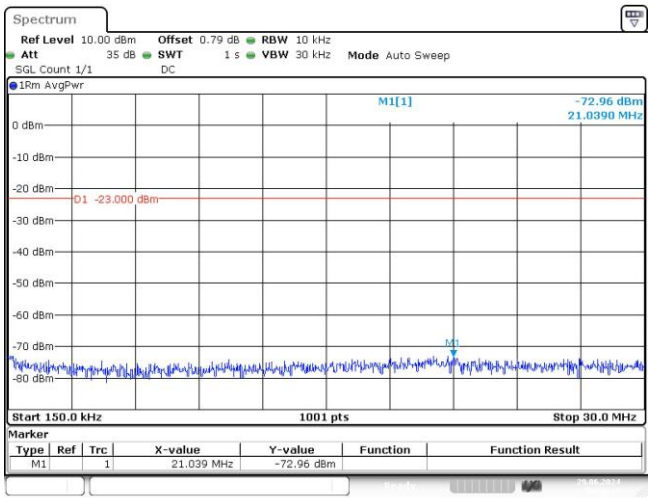
Band5-4233-4-0.009~0.15MHz



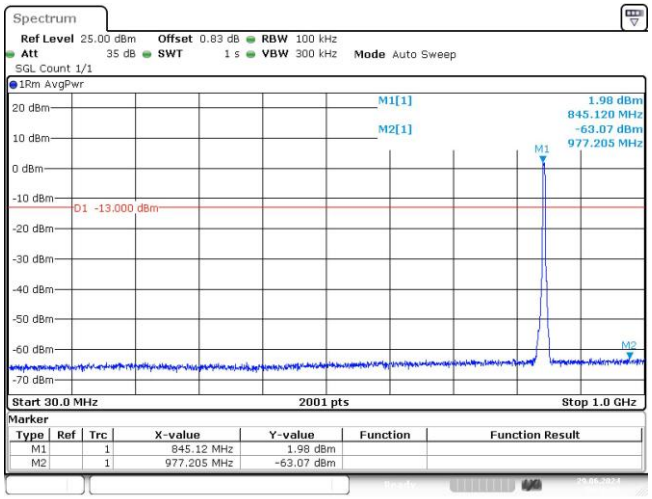
Band5-4233-4-1000~10000MHz



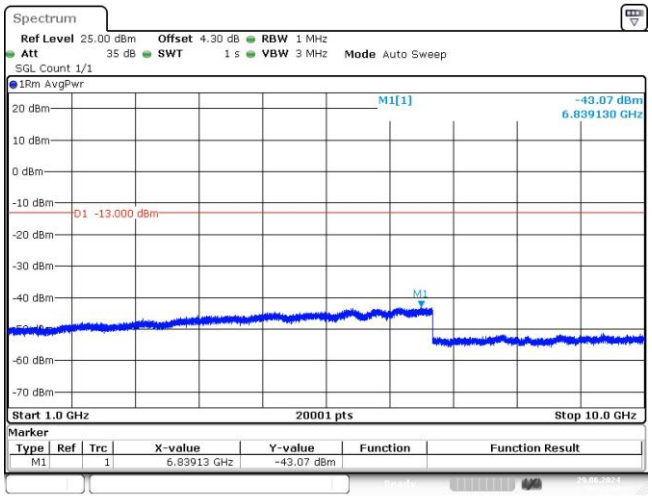
Band5-4233-4-0.15~30MHz



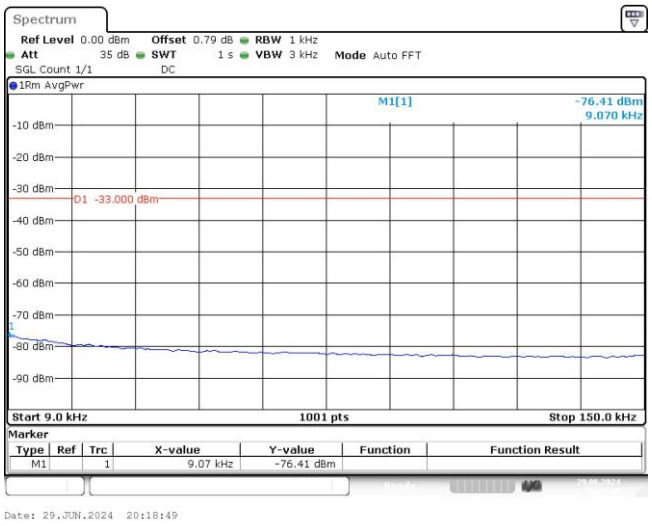
Band5-4233-4-30~1000MHz



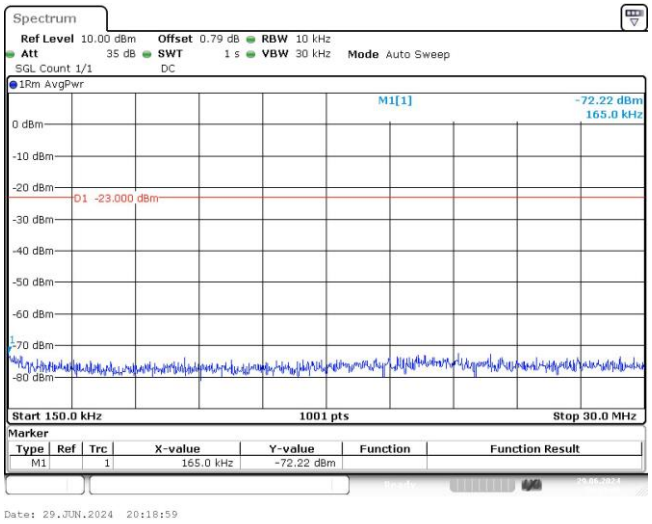
Band5-4233-5-1000~10000MHz



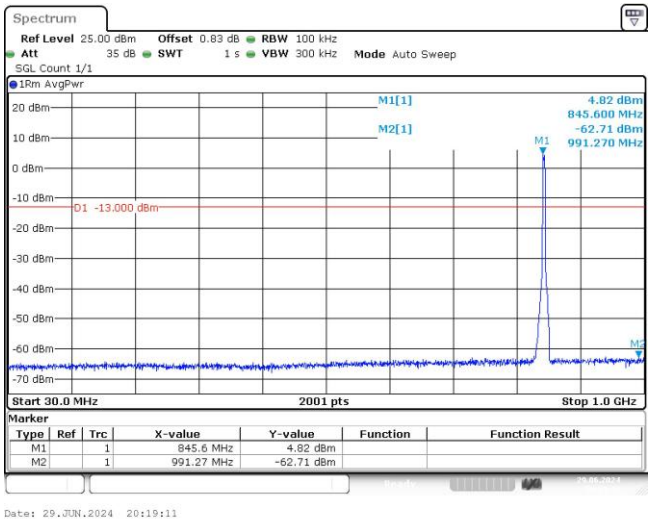
Band5-4233-5-0.009~0.15MHz



Band5-4233-5-0.15~30MHz



Band5-4233-5-30~1000MHz



AppendixF:Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VL	NT	1.26	0.001525	±2.5	PASS
Band5	4132	VN	NT	1.21	0.001464	±2.5	PASS
Band5	4132	VH	NT	1.33	0.001609	±2.5	PASS
Band5	4182	VL	NT	-0.88	-0.001052	±2.5	PASS
Band5	4182	VN	NT	0.21	0.000251	±2.5	PASS
Band5	4182	VH	NT	-0.47	-0.000562	±2.5	PASS
Band5	4233	VL	NT	-2.30	-0.002717	±2.5	PASS
Band5	4233	VN	NT	-2.58	-0.003047	±2.5	PASS
Band5	4233	VH	NT	-2.30	-0.002717	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	1.35	0.001634	±2.5	PASS
Band5	4132	NV	-20	1.12	0.001355	±2.5	PASS
Band5	4132	NV	-10	1.17	0.001416	±2.5	PASS
Band5	4132	NV	0	1.76	0.002130	±2.5	PASS
Band5	4132	NV	10	1.39	0.001682	±2.5	PASS
Band5	4132	NV	20	1.34	0.001621	±2.5	PASS
Band5	4132	NV	30	1.82	0.002202	±2.5	PASS
Band5	4132	NV	40	1.68	0.002033	±2.5	PASS
Band5	4132	NV	50	0.94	0.001137	±2.5	PASS
Band5	4182	NV	-30	-0.08	-0.000096	±2.5	PASS
Band5	4182	NV	-20	-0.26	-0.000311	±2.5	PASS
Band5	4182	NV	-10	-0.54	-0.000646	±2.5	PASS
Band5	4182	NV	0	-0.44	-0.000526	±2.5	PASS
Band5	4182	NV	10	-0.45	-0.000538	±2.5	PASS
Band5	4182	NV	20	-0.37	-0.000442	±2.5	PASS
Band5	4182	NV	30	-0.77	-0.000921	±2.5	PASS
Band5	4182	NV	40	-0.24	-0.000287	±2.5	PASS
Band5	4182	NV	50	-0.38	-0.000454	±2.5	PASS
Band5	4233	NV	-30	-2.56	-0.003024	±2.5	PASS
Band5	4233	NV	-20	-2.65	-0.003130	±2.5	PASS

Band5	4233	NV	-10	-2.72	-0.003213	±2.5	PASS
Band5	4233	NV	0	-2.88	-0.003402	±2.5	PASS
Band5	4233	NV	10	-2.07	-0.002445	±2.5	PASS
Band5	4233	NV	20	-2.20	-0.002599	±2.5	PASS
Band5	4233	NV	30	-2.62	-0.003095	±2.5	PASS
Band5	4233	NV	40	-2.52	-0.002977	±2.5	PASS
Band5	4233	NV	50	-2.33	-0.002752	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	1.08	0.001307	±2.5	PASS
Band5	4132	1	VN	NT	1.46	0.001767	±2.5	PASS
Band5	4132	1	VH	NT	1.42	0.001718	±2.5	PASS
Band5	4132	2	VL	NT	1.82	0.002202	±2.5	PASS
Band5	4132	2	VN	NT	1.95	0.002360	±2.5	PASS
Band5	4132	2	VH	NT	1.21	0.001464	±2.5	PASS
Band5	4132	3	VL	NT	1.62	0.001960	±2.5	PASS
Band5	4132	3	VN	NT	1.91	0.002311	±2.5	PASS
Band5	4132	3	VH	NT	1.86	0.002251	±2.5	PASS
Band5	4132	4	VL	NT	1.87	0.002263	±2.5	PASS
Band5	4132	4	VN	NT	1.94	0.002348	±2.5	PASS
Band5	4132	4	VH	NT	1.47	0.001779	±2.5	PASS
Band5	4182	1	VL	NT	1.88	0.002248	±2.5	PASS
Band5	4182	1	VN	NT	1.60	0.001913	±2.5	PASS
Band5	4182	1	VH	NT	1.86	0.002224	±2.5	PASS
Band5	4182	2	VL	NT	1.87	0.002236	±2.5	PASS
Band5	4182	2	VN	NT	1.76	0.002104	±2.5	PASS
Band5	4182	2	VH	NT	1.10	0.001315	±2.5	PASS
Band5	4182	3	VL	NT	1.33	0.001590	±2.5	PASS
Band5	4182	3	VN	NT	1.44	0.001722	±2.5	PASS
Band5	4182	3	VH	NT	1.49	0.001781	±2.5	PASS
Band5	4182	4	VL	NT	1.87	0.002236	±2.5	PASS
Band5	4182	4	VN	NT	1.53	0.001829	±2.5	PASS
Band5	4182	4	VH	NT	2.03	0.002427	±2.5	PASS
Band5	4233	1	VL	NT	1.62	0.001914	±2.5	PASS
Band5	4233	1	VN	NT	1.71	0.002020	±2.5	PASS
Band5	4233	1	VH	NT	1.61	0.001902	±2.5	PASS
Band5	4233	2	VL	NT	1.80	0.002126	±2.5	PASS
Band5	4233	2	VN	NT	1.79	0.002114	±2.5	PASS
Band5	4233	2	VH	NT	1.81	0.002138	±2.5	PASS

Band5	4233	3	VL	NT	1.69	0.001996	±2.5	PASS
Band5	4233	3	VN	NT	1.54	0.001819	±2.5	PASS
Band5	4233	3	VH	NT	1.99	0.002351	±2.5	PASS
Band5	4233	4	VL	NT	1.20	0.001417	±2.5	PASS
Band5	4233	4	VN	NT	1.32	0.001559	±2.5	PASS
Band5	4233	4	VH	NT	0.97	0.001146	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	1.55	0.001876	±2.5	PASS
Band5	4132	1	NV	-20	1.15	0.001392	±2.5	PASS
Band5	4132	1	NV	-10	1.74	0.002106	±2.5	PASS
Band5	4132	1	NV	0	2.03	0.002456	±2.5	PASS
Band5	4132	1	NV	10	1.70	0.002057	±2.5	PASS
Band5	4132	1	NV	20	1.85	0.002239	±2.5	PASS
Band5	4132	1	NV	30	1.97	0.002384	±2.5	PASS
Band5	4132	1	NV	40	1.82	0.002202	±2.5	PASS
Band5	4132	1	NV	50	1.73	0.002093	±2.5	PASS
Band5	4132	2	NV	-30	1.97	0.002384	±2.5	PASS
Band5	4132	2	NV	-20	1.70	0.002057	±2.5	PASS
Band5	4132	2	NV	-10	1.70	0.002057	±2.5	PASS
Band5	4132	2	NV	0	1.45	0.001755	±2.5	PASS
Band5	4132	2	NV	10	1.77	0.002142	±2.5	PASS
Band5	4132	2	NV	20	1.61	0.001948	±2.5	PASS
Band5	4132	2	NV	30	1.85	0.002239	±2.5	PASS
Band5	4132	2	NV	40	1.45	0.001755	±2.5	PASS
Band5	4132	2	NV	50	1.84	0.002227	±2.5	PASS
Band5	4132	3	NV	-30	1.35	0.001634	±2.5	PASS
Band5	4132	3	NV	-20	1.40	0.001694	±2.5	PASS
Band5	4132	3	NV	-10	1.70	0.002057	±2.5	PASS
Band5	4132	3	NV	0	1.32	0.001597	±2.5	PASS
Band5	4132	3	NV	10	1.49	0.001803	±2.5	PASS
Band5	4132	3	NV	20	1.78	0.002154	±2.5	PASS
Band5	4132	3	NV	30	1.42	0.001718	±2.5	PASS
Band5	4132	3	NV	40	2.06	0.002493	±2.5	PASS
Band5	4132	3	NV	50	2.26	0.002735	±2.5	PASS
Band5	4132	4	NV	-30	1.90	0.002299	±2.5	PASS
Band5	4132	4	NV	-20	1.85	0.002239	±2.5	PASS
Band5	4132	4	NV	-10	1.34	0.001621	±2.5	PASS

Band5	4132	4	NV	0	1.50	0.001815	±2.5	PASS
Band5	4132	4	NV	10	2.16	0.002614	±2.5	PASS
Band5	4132	4	NV	20	1.50	0.001815	±2.5	PASS
Band5	4132	4	NV	30	1.95	0.002360	±2.5	PASS
Band5	4132	4	NV	40	1.67	0.002021	±2.5	PASS
Band5	4132	4	NV	50	1.57	0.001900	±2.5	PASS
Band5	4182	1	NV	-30	1.44	0.001722	±2.5	PASS
Band5	4182	1	NV	-20	1.82	0.002176	±2.5	PASS
Band5	4182	1	NV	-10	2.26	0.002702	±2.5	PASS
Band5	4182	1	NV	0	1.87	0.002236	±2.5	PASS
Band5	4182	1	NV	10	2.03	0.002427	±2.5	PASS
Band5	4182	1	NV	20	1.94	0.002319	±2.5	PASS
Band5	4182	1	NV	30	1.38	0.001650	±2.5	PASS
Band5	4182	1	NV	40	1.14	0.001363	±2.5	PASS
Band5	4182	1	NV	50	1.41	0.001686	±2.5	PASS
Band5	4182	2	NV	-30	1.52	0.001817	±2.5	PASS
Band5	4182	2	NV	-20	1.90	0.002272	±2.5	PASS
Band5	4182	2	NV	-10	1.84	0.002200	±2.5	PASS
Band5	4182	2	NV	0	1.14	0.001363	±2.5	PASS
Band5	4182	2	NV	10	1.44	0.001722	±2.5	PASS
Band5	4182	2	NV	20	1.17	0.001399	±2.5	PASS
Band5	4182	2	NV	30	1.37	0.001638	±2.5	PASS
Band5	4182	2	NV	40	1.65	0.001973	±2.5	PASS
Band5	4182	2	NV	50	1.59	0.001901	±2.5	PASS
Band5	4182	3	NV	-30	1.91	0.002284	±2.5	PASS
Band5	4182	3	NV	-20	1.82	0.002176	±2.5	PASS
Band5	4182	3	NV	-10	1.54	0.001841	±2.5	PASS
Band5	4182	3	NV	0	2.15	0.002571	±2.5	PASS
Band5	4182	3	NV	10	2.02	0.002415	±2.5	PASS
Band5	4182	3	NV	20	1.90	0.002272	±2.5	PASS
Band5	4182	3	NV	30	2.37	0.002834	±2.5	PASS
Band5	4182	3	NV	40	1.74	0.002080	±2.5	PASS
Band5	4182	3	NV	50	2.22	0.002654	±2.5	PASS
Band5	4182	4	NV	-30	1.54	0.001841	±2.5	PASS
Band5	4182	4	NV	-20	2.07	0.002475	±2.5	PASS
Band5	4182	4	NV	-10	2.15	0.002571	±2.5	PASS
Band5	4182	4	NV	0	1.13	0.001351	±2.5	PASS
Band5	4182	4	NV	10	2.04	0.002439	±2.5	PASS
Band5	4182	4	NV	20	1.75	0.002092	±2.5	PASS
Band5	4182	4	NV	30	1.82	0.002176	±2.5	PASS

Band5	4182	4	NV	40	1.80	0.002152	±2.5	PASS
Band5	4182	4	NV	50	1.69	0.002021	±2.5	PASS
Band5	4233	1	NV	-30	2.20	0.002599	±2.5	PASS
Band5	4233	1	NV	-20	1.82	0.002150	±2.5	PASS
Band5	4233	1	NV	-10	1.25	0.001476	±2.5	PASS
Band5	4233	1	NV	0	1.33	0.001571	±2.5	PASS
Band5	4233	1	NV	10	1.30	0.001536	±2.5	PASS
Band5	4233	1	NV	20	1.98	0.002339	±2.5	PASS
Band5	4233	1	NV	30	2.05	0.002421	±2.5	PASS
Band5	4233	1	NV	40	1.77	0.002091	±2.5	PASS
Band5	4233	1	NV	50	1.34	0.001583	±2.5	PASS
Band5	4233	2	NV	-30	1.87	0.002209	±2.5	PASS
Band5	4233	2	NV	-20	1.72	0.002032	±2.5	PASS
Band5	4233	2	NV	-10	1.48	0.001748	±2.5	PASS
Band5	4233	2	NV	0	1.45	0.001713	±2.5	PASS
Band5	4233	2	NV	10	1.87	0.002209	±2.5	PASS
Band5	4233	2	NV	20	1.94	0.002292	±2.5	PASS
Band5	4233	2	NV	30	1.70	0.002008	±2.5	PASS
Band5	4233	2	NV	40	1.98	0.002339	±2.5	PASS
Band5	4233	2	NV	50	2.68	0.003166	±2.5	PASS
Band5	4233	3	NV	-30	1.96	0.002315	±2.5	PASS
Band5	4233	3	NV	-20	1.82	0.002150	±2.5	PASS
Band5	4233	3	NV	-10	1.66	0.001961	±2.5	PASS
Band5	4233	3	NV	0	1.73	0.002043	±2.5	PASS
Band5	4233	3	NV	10	1.54	0.001819	±2.5	PASS
Band5	4233	3	NV	20	2.08	0.002457	±2.5	PASS
Band5	4233	3	NV	30	2.09	0.002469	±2.5	PASS
Band5	4233	3	NV	40	1.84	0.002173	±2.5	PASS
Band5	4233	3	NV	50	2.07	0.002445	±2.5	PASS
Band5	4233	4	NV	-30	1.22	0.001441	±2.5	PASS
Band5	4233	4	NV	-20	0.57	0.000673	±2.5	PASS
Band5	4233	4	NV	-10	1.28	0.001512	±2.5	PASS
Band5	4233	4	NV	0	1.75	0.002067	±2.5	PASS
Band5	4233	4	NV	10	1.41	0.001665	±2.5	PASS
Band5	4233	4	NV	20	1.20	0.001417	±2.5	PASS
Band5	4233	4	NV	30	1.18	0.001394	±2.5	PASS
Band5	4233	4	NV	40	1.72	0.002032	±2.5	PASS
Band5	4233	4	NV	50	1.03	0.001217	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	-2.64	-0.003195	±2.5	PASS
Band5	4132	1	VN	NT	-2.13	-0.002577	±2.5	PASS
Band5	4132	1	VH	NT	-2.68	-0.003243	±2.5	PASS
Band5	4132	2	VL	NT	-2.05	-0.002481	±2.5	PASS
Band5	4132	2	VN	NT	-2.12	-0.002565	±2.5	PASS
Band5	4132	2	VH	NT	-2.83	-0.003424	±2.5	PASS
Band5	4132	3	VL	NT	-2.22	-0.002686	±2.5	PASS
Band5	4132	3	VN	NT	-2.93	-0.003545	±2.5	PASS
Band5	4132	3	VH	NT	-2.60	-0.003146	±2.5	PASS
Band5	4132	4	VL	NT	-1.55	-0.001876	±2.5	PASS
Band5	4132	4	VN	NT	-1.67	-0.002021	±2.5	PASS
Band5	4132	4	VH	NT	-2.78	-0.003364	±2.5	PASS
Band5	4132	5	VL	NT	-1.62	-0.001960	±2.5	PASS
Band5	4132	5	VN	NT	-2.86	-0.003461	±2.5	PASS
Band5	4132	5	VH	NT	-2.52	-0.003049	±2.5	PASS
Band5	4182	1	VL	NT	-2.83	-0.003384	±2.5	PASS
Band5	4182	1	VN	NT	-2.45	-0.002929	±2.5	PASS
Band5	4182	1	VH	NT	-2.36	-0.002822	±2.5	PASS
Band5	4182	2	VL	NT	-2.35	-0.002810	±2.5	PASS
Band5	4182	2	VN	NT	-2.90	-0.003467	±2.5	PASS
Band5	4182	2	VH	NT	-1.94	-0.002319	±2.5	PASS
Band5	4182	3	VL	NT	-2.78	-0.003324	±2.5	PASS
Band5	4182	3	VN	NT	-2.22	-0.002654	±2.5	PASS
Band5	4182	3	VH	NT	-2.60	-0.003109	±2.5	PASS
Band5	4182	4	VL	NT	-2.40	-0.002869	±2.5	PASS
Band5	4182	4	VN	NT	-2.77	-0.003312	±2.5	PASS
Band5	4182	4	VH	NT	-3.18	-0.003802	±2.5	PASS
Band5	4182	5	VL	NT	-3.08	-0.003682	±2.5	PASS
Band5	4182	5	VN	NT	-2.74	-0.003276	±2.5	PASS
Band5	4182	5	VH	NT	-2.78	-0.003324	±2.5	PASS
Band5	4233	1	VL	NT	-2.60	-0.003071	±2.5	PASS
Band5	4233	1	VN	NT	-2.85	-0.003366	±2.5	PASS
Band5	4233	1	VH	NT	-3.08	-0.003638	±2.5	PASS
Band5	4233	2	VL	NT	-2.04	-0.002410	±2.5	PASS
Band5	4233	2	VN	NT	-3.07	-0.003626	±2.5	PASS
Band5	4233	2	VH	NT	-3.25	-0.003839	±2.5	PASS
Band5	4233	3	VL	NT	-3.03	-0.003579	±2.5	PASS

Band5	4233	3	VN	NT	-2.50	-0.002953	±2.5	PASS
Band5	4233	3	VH	NT	-2.40	-0.002835	±2.5	PASS
Band5	4233	4	VL	NT	-2.52	-0.002977	±2.5	PASS
Band5	4233	4	VN	NT	-2.88	-0.003402	±2.5	PASS
Band5	4233	4	VH	NT	-2.38	-0.002811	±2.5	PASS
Band5	4233	5	VL	NT	-2.53	-0.002988	±2.5	PASS
Band5	4233	5	VN	NT	-2.94	-0.003473	±2.5	PASS
Band5	4233	5	VH	NT	-3.30	-0.003898	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-2.20	-0.002662	±2.5	PASS
Band5	4132	1	NV	-20	-2.90	-0.003509	±2.5	PASS
Band5	4132	1	NV	-10	-2.48	-0.003001	±2.5	PASS
Band5	4132	1	NV	0	-2.75	-0.003328	±2.5	PASS
Band5	4132	1	NV	10	-2.46	-0.002977	±2.5	PASS
Band5	4132	1	NV	20	-3.16	-0.003824	±2.5	PASS
Band5	4132	1	NV	30	-2.42	-0.002928	±2.5	PASS
Band5	4132	1	NV	40	-2.83	-0.003424	±2.5	PASS
Band5	4132	1	NV	50	-2.40	-0.002904	±2.5	PASS
Band5	4132	2	NV	-30	-2.15	-0.002602	±2.5	PASS
Band5	4132	2	NV	-20	-2.17	-0.002626	±2.5	PASS
Band5	4132	2	NV	-10	-3.24	-0.003921	±2.5	PASS
Band5	4132	2	NV	0	-1.87	-0.002263	±2.5	PASS
Band5	4132	2	NV	10	-2.63	-0.003182	±2.5	PASS
Band5	4132	2	NV	20	-1.99	-0.002408	±2.5	PASS
Band5	4132	2	NV	30	-2.77	-0.003352	±2.5	PASS
Band5	4132	2	NV	40	-2.88	-0.003485	±2.5	PASS
Band5	4132	2	NV	50	-2.37	-0.002868	±2.5	PASS
Band5	4132	3	NV	-30	-2.77	-0.003352	±2.5	PASS
Band5	4132	3	NV	-20	-2.03	-0.002456	±2.5	PASS
Band5	4132	3	NV	-10	-2.70	-0.003267	±2.5	PASS
Band5	4132	3	NV	0	-2.35	-0.002844	±2.5	PASS
Band5	4132	3	NV	10	-2.45	-0.002965	±2.5	PASS
Band5	4132	3	NV	20	-2.88	-0.003485	±2.5	PASS
Band5	4132	3	NV	30	-2.48	-0.003001	±2.5	PASS
Band5	4132	3	NV	40	-2.51	-0.003037	±2.5	PASS
Band5	4132	3	NV	50	-2.62	-0.003170	±2.5	PASS
Band5	4132	4	NV	-30	-2.57	-0.003110	±2.5	PASS

Band5	4132	4	NV	-20	-2.30	-0.002783	±2.5	PASS
Band5	4132	4	NV	-10	-3.09	-0.003739	±2.5	PASS
Band5	4132	4	NV	0	-2.47	-0.002989	±2.5	PASS
Band5	4132	4	NV	10	-2.74	-0.003316	±2.5	PASS
Band5	4132	4	NV	20	-2.57	-0.003110	±2.5	PASS
Band5	4132	4	NV	30	-2.04	-0.002469	±2.5	PASS
Band5	4132	4	NV	40	-2.45	-0.002965	±2.5	PASS
Band5	4132	4	NV	50	-2.38	-0.002880	±2.5	PASS
Band5	4132	5	NV	-30	-3.02	-0.003654	±2.5	PASS
Band5	4132	5	NV	-20	-2.68	-0.003243	±2.5	PASS
Band5	4132	5	NV	-10	-2.26	-0.002735	±2.5	PASS
Band5	4132	5	NV	0	-2.67	-0.003231	±2.5	PASS
Band5	4132	5	NV	10	-2.87	-0.003473	±2.5	PASS
Band5	4132	5	NV	20	-2.97	-0.003594	±2.5	PASS
Band5	4132	5	NV	30	-2.84	-0.003437	±2.5	PASS
Band5	4132	5	NV	40	-2.00	-0.002420	±2.5	PASS
Band5	4132	5	NV	50	-2.98	-0.003606	±2.5	PASS
Band5	4182	1	NV	-30	-2.72	-0.003252	±2.5	PASS
Band5	4182	1	NV	-20	-2.63	-0.003144	±2.5	PASS
Band5	4182	1	NV	-10	-2.12	-0.002535	±2.5	PASS
Band5	4182	1	NV	0	-2.90	-0.003467	±2.5	PASS
Band5	4182	1	NV	10	-2.52	-0.003013	±2.5	PASS
Band5	4182	1	NV	20	-2.45	-0.002929	±2.5	PASS
Band5	4182	1	NV	30	-2.04	-0.002439	±2.5	PASS
Band5	4182	1	NV	40	-2.64	-0.003156	±2.5	PASS
Band5	4182	1	NV	50	-3.01	-0.003599	±2.5	PASS
Band5	4182	2	NV	-30	-2.49	-0.002977	±2.5	PASS
Band5	4182	2	NV	-20	-1.87	-0.002236	±2.5	PASS
Band5	4182	2	NV	-10	-2.79	-0.003336	±2.5	PASS
Band5	4182	2	NV	0	-2.70	-0.003228	±2.5	PASS
Band5	4182	2	NV	10	-2.68	-0.003204	±2.5	PASS
Band5	4182	2	NV	20	-2.95	-0.003527	±2.5	PASS
Band5	4182	2	NV	30	-2.80	-0.003348	±2.5	PASS
Band5	4182	2	NV	40	-2.39	-0.002857	±2.5	PASS
Band5	4182	2	NV	50	-2.73	-0.003264	±2.5	PASS
Band5	4182	3	NV	-30	-2.81	-0.003360	±2.5	PASS
Band5	4182	3	NV	-20	-2.93	-0.003503	±2.5	PASS
Band5	4182	3	NV	-10	-2.54	-0.003037	±2.5	PASS
Band5	4182	3	NV	0	-2.48	-0.002965	±2.5	PASS
Band5	4182	3	NV	10	-2.60	-0.003109	±2.5	PASS

Band5	4182	3	NV	20	-2.47	-0.002953	±2.5	PASS
Band5	4182	3	NV	30	-2.40	-0.002869	±2.5	PASS
Band5	4182	3	NV	40	-2.70	-0.003228	±2.5	PASS
Band5	4182	3	NV	50	-2.70	-0.003228	±2.5	PASS
Band5	4182	4	NV	-30	-2.60	-0.003109	±2.5	PASS
Band5	4182	4	NV	-20	-2.67	-0.003192	±2.5	PASS
Band5	4182	4	NV	-10	-2.35	-0.002810	±2.5	PASS
Band5	4182	4	NV	0	-2.98	-0.003563	±2.5	PASS
Band5	4182	4	NV	10	-2.83	-0.003384	±2.5	PASS
Band5	4182	4	NV	20	-2.49	-0.002977	±2.5	PASS
Band5	4182	4	NV	30	-2.63	-0.003144	±2.5	PASS
Band5	4182	4	NV	40	-2.88	-0.003443	±2.5	PASS
Band5	4182	4	NV	50	-2.88	-0.003443	±2.5	PASS
Band5	4182	5	NV	-30	-2.54	-0.003037	±2.5	PASS
Band5	4182	5	NV	-20	-2.40	-0.002869	±2.5	PASS
Band5	4182	5	NV	-10	-2.20	-0.002630	±2.5	PASS
Band5	4182	5	NV	0	-2.68	-0.003204	±2.5	PASS
Band5	4182	5	NV	10	-3.00	-0.003587	±2.5	PASS
Band5	4182	5	NV	20	-2.97	-0.003551	±2.5	PASS
Band5	4182	5	NV	30	-2.65	-0.003168	±2.5	PASS
Band5	4182	5	NV	40	-2.35	-0.002810	±2.5	PASS
Band5	4182	5	NV	50	-2.94	-0.003515	±2.5	PASS
Band5	4233	1	NV	-30	-3.23	-0.003815	±2.5	PASS
Band5	4233	1	NV	-20	-2.88	-0.003402	±2.5	PASS
Band5	4233	1	NV	-10	-2.20	-0.002599	±2.5	PASS
Band5	4233	1	NV	0	-2.46	-0.002906	±2.5	PASS
Band5	4233	1	NV	10	-2.42	-0.002858	±2.5	PASS
Band5	4233	1	NV	20	-2.71	-0.003201	±2.5	PASS
Band5	4233	1	NV	30	-3.05	-0.003603	±2.5	PASS
Band5	4233	1	NV	40	-2.83	-0.003343	±2.5	PASS
Band5	4233	1	NV	50	-3.22	-0.003803	±2.5	PASS
Band5	4233	2	NV	-30	-2.85	-0.003366	±2.5	PASS
Band5	4233	2	NV	-20	-2.75	-0.003248	±2.5	PASS
Band5	4233	2	NV	-10	-3.54	-0.004181	±2.5	PASS
Band5	4233	2	NV	0	-2.64	-0.003118	±2.5	PASS
Band5	4233	2	NV	10	-2.60	-0.003071	±2.5	PASS
Band5	4233	2	NV	20	-2.58	-0.003047	±2.5	PASS
Band5	4233	2	NV	30	-2.47	-0.002918	±2.5	PASS
Band5	4233	2	NV	40	-3.08	-0.003638	±2.5	PASS
Band5	4233	2	NV	50	-2.78	-0.003284	±2.5	PASS

Band5	4233	3	NV	-30	-2.30	-0.002717	±2.5	PASS
Band5	4233	3	NV	-20	-2.86	-0.003378	±2.5	PASS
Band5	4233	3	NV	-10	-2.45	-0.002894	±2.5	PASS
Band5	4233	3	NV	0	-2.49	-0.002941	±2.5	PASS
Band5	4233	3	NV	10	-2.99	-0.003532	±2.5	PASS
Band5	4233	3	NV	20	-2.38	-0.002811	±2.5	PASS
Band5	4233	3	NV	30	-2.91	-0.003437	±2.5	PASS
Band5	4233	3	NV	40	-2.22	-0.002622	±2.5	PASS
Band5	4233	3	NV	50	-2.51	-0.002965	±2.5	PASS
Band5	4233	4	NV	-30	-2.35	-0.002776	±2.5	PASS
Band5	4233	4	NV	-20	-2.92	-0.003449	±2.5	PASS
Band5	4233	4	NV	-10	-2.41	-0.002847	±2.5	PASS
Band5	4233	4	NV	0	-2.45	-0.002894	±2.5	PASS
Band5	4233	4	NV	10	-2.55	-0.003012	±2.5	PASS
Band5	4233	4	NV	20	-2.79	-0.003296	±2.5	PASS
Band5	4233	4	NV	30	-2.88	-0.003402	±2.5	PASS
Band5	4233	4	NV	40	-2.77	-0.003272	±2.5	PASS
Band5	4233	4	NV	50	-3.01	-0.003555	±2.5	PASS
Band5	4233	5	NV	-30	-3.20	-0.003780	±2.5	PASS
Band5	4233	5	NV	-20	-2.36	-0.002788	±2.5	PASS
Band5	4233	5	NV	-10	-2.72	-0.003213	±2.5	PASS
Band5	4233	5	NV	0	-3.35	-0.003957	±2.5	PASS
Band5	4233	5	NV	10	-2.67	-0.003154	±2.5	PASS
Band5	4233	5	NV	20	-2.51	-0.002965	±2.5	PASS
Band5	4233	5	NV	30	-1.90	-0.002244	±2.5	PASS
Band5	4233	5	NV	40	-2.59	-0.003059	±2.5	PASS
Band5	4233	5	NV	50	-2.85	-0.003366	±2.5	PASS