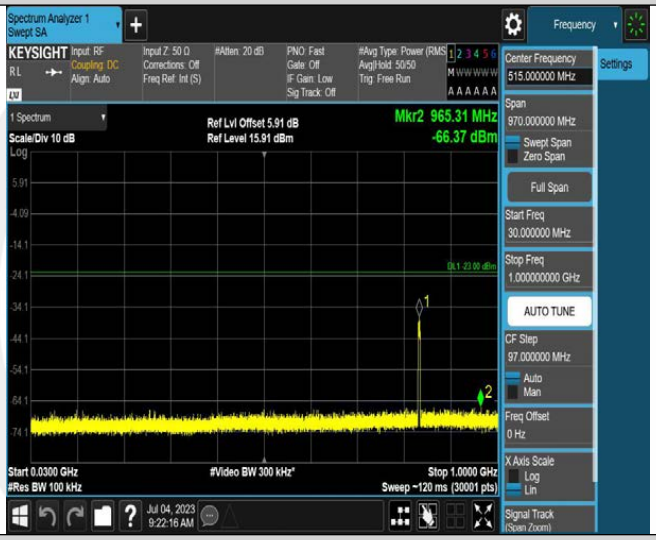
Band5-4183-2-1000~3000MHz

Band5-4183-2-0.009~0.15MHz

Band5-4183-3-1000~3000MHz

Band5-4183-3-30~1000MHz



Band5-4183-3-0.009~0.15MHz

Band5-4183-3-3000~10000MHz

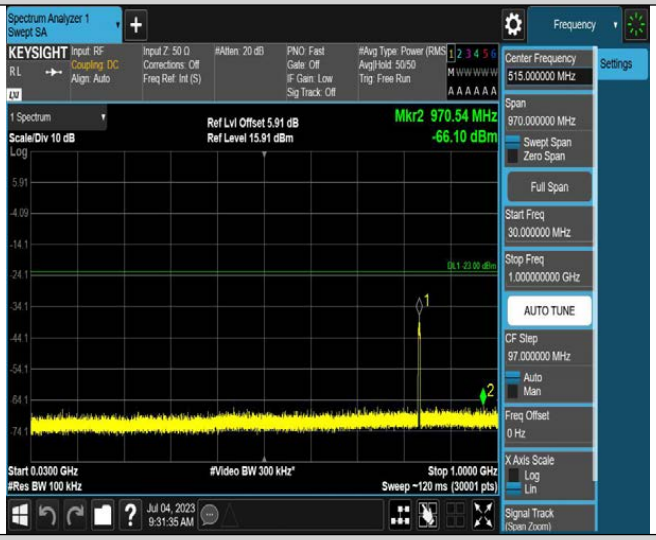
Band5-4183-3-10000~18000MHz

Band5-4183-3-0.15~30MHz

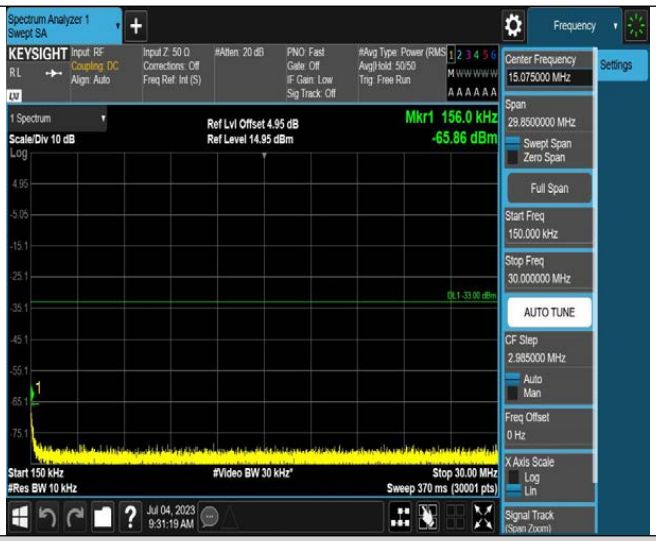
Band5-4183-4-1000~3000MHz

Band5-4183-4-3000~10000MHz

Band5-4183-4-30~1000MHz



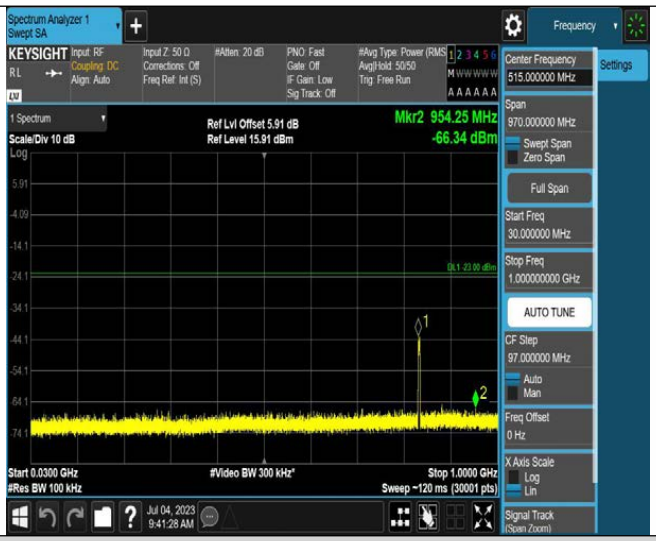
Band5-4183-4-0.15~30MHz



Band5-4183-4-0.009~0.15MHz

Band5-4183-4-10000~18000MHz

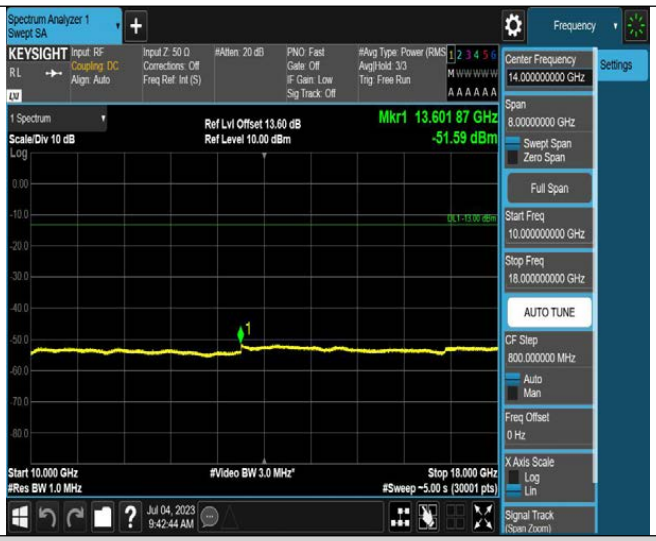
Band5-4183-5-30~1000MHz



Band5-4183-5-1000~3000MHz

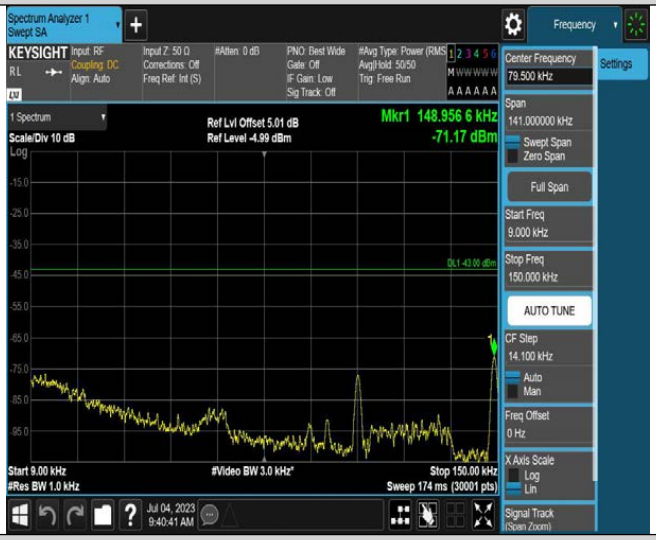
Band5-4183-5-3000~10000MHz

Band5-4183-5-10000~18000MHz



Band5-4183-5-0.15~30MHz

Band5-4183-5-0.009~0.15MHz

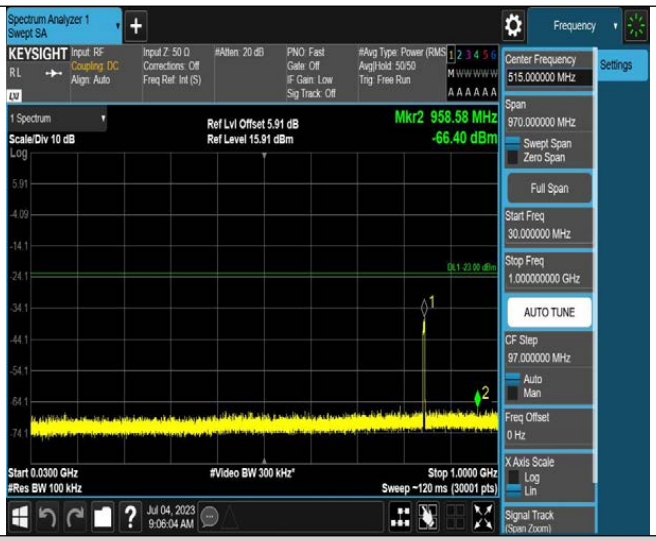


Band5-4233-1-0.009~0.15MHz

Band5-4233-1-0.15~30MHz

Band5-4233-1-10000~18000MHz

Band5-4233-1-30~1000MHz



Band5-4233-1-1000~3000MHz

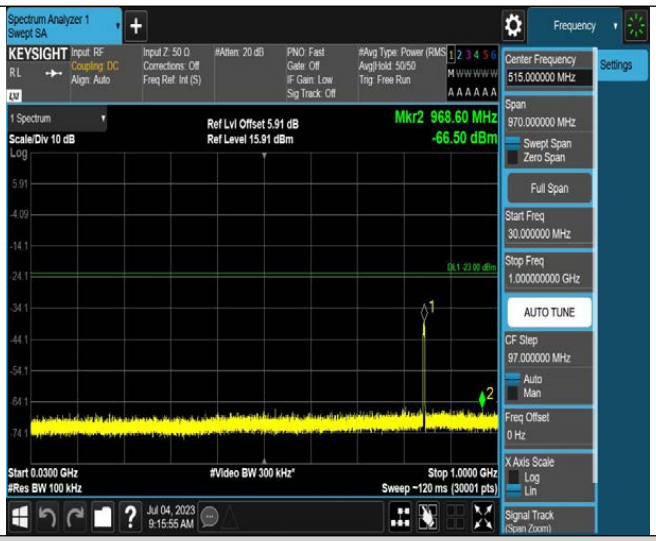
Band5-4233-1-3000~10000MHz

Band5-4233-2-1000~3000MHz

Band5-4233-2-0.009~0.15MHz

Band5-4233-2-0.15~30MHz

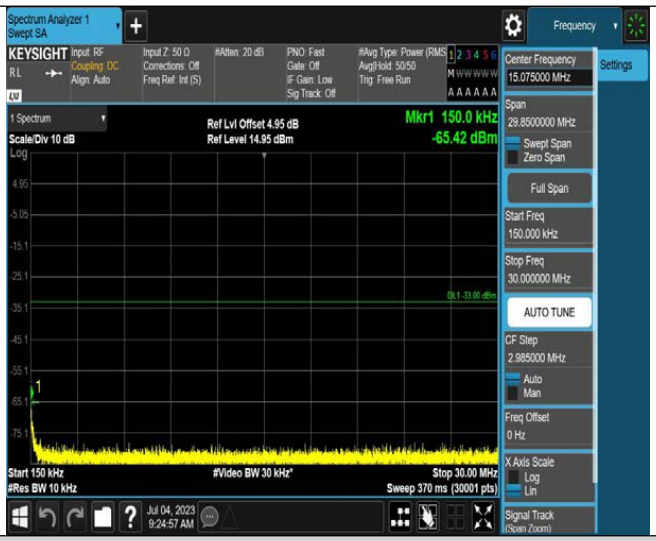
Band5-4233-2-30~1000MHz



Band5-4233-2-10000~18000MHz

Band5-4233-2-3000~10000MHz

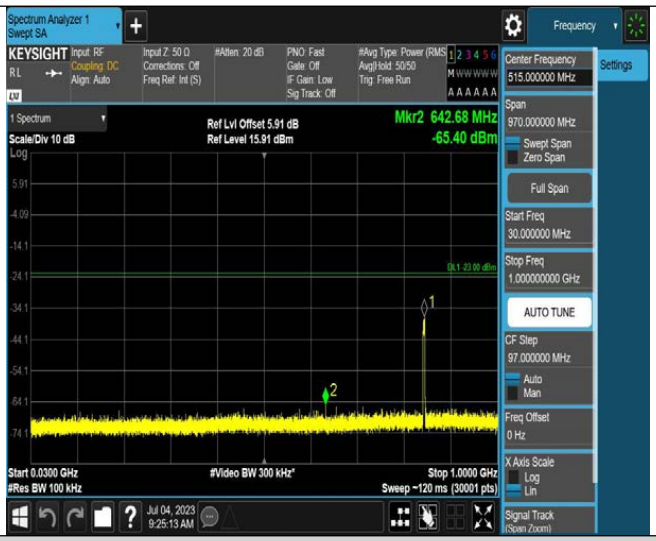
Band5-4233-3-0.15~30MHz



Band5-4233-3-0.009~0.15MHz

Band5-4233-3-3000~10000MHz

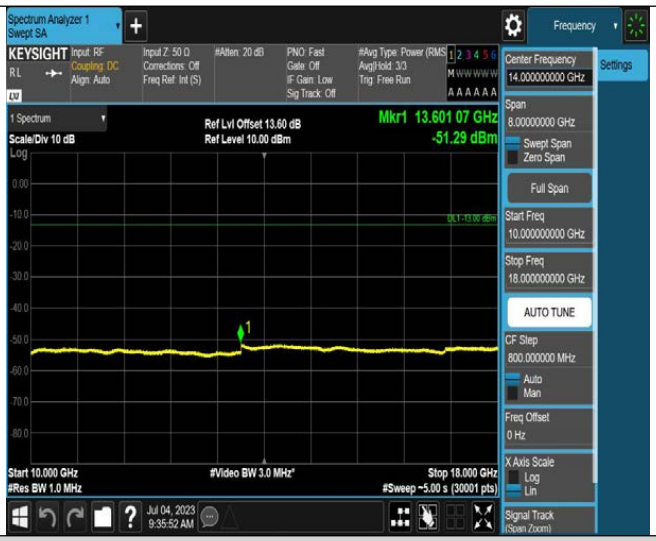
Band5-4233-3-30~1000MHz



Band5-4233-3-1000~3000MHz

Band5-4233-3-10000~18000MHz

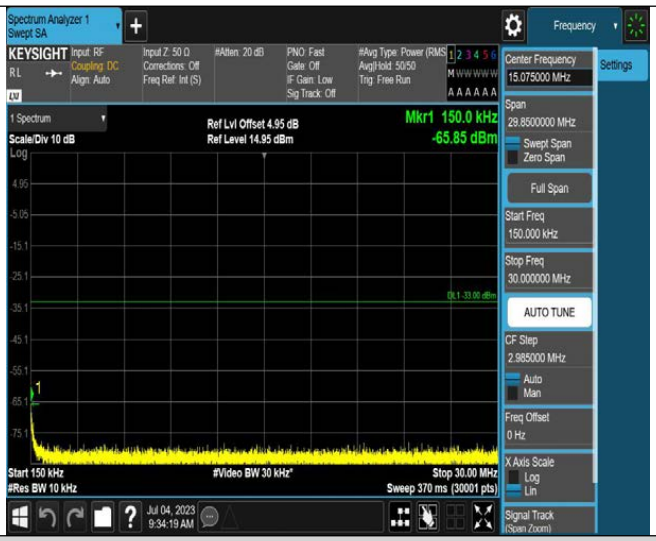
Band5-4233-4-10000~18000MHz



Band5-4233-4-3000~10000MHz

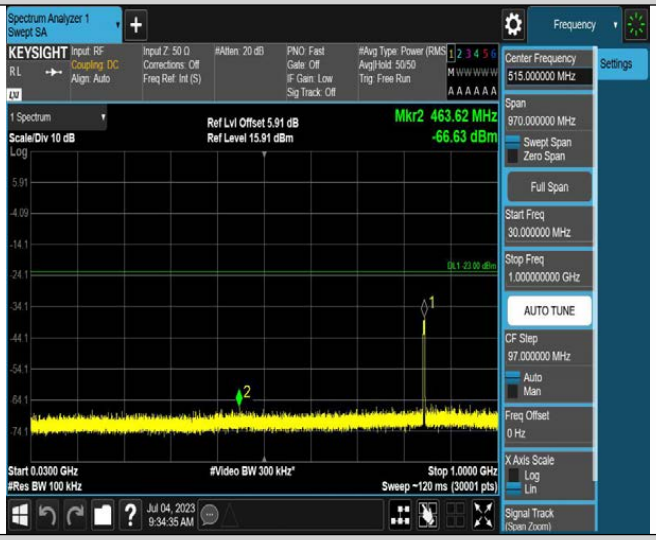
Band5-4233-4-1000~3000MHz

Band5-4233-4-0.15~30MHz



Band5-4233-4-0.009~0.15MHz

Band5-4233-4-30~1000MHz

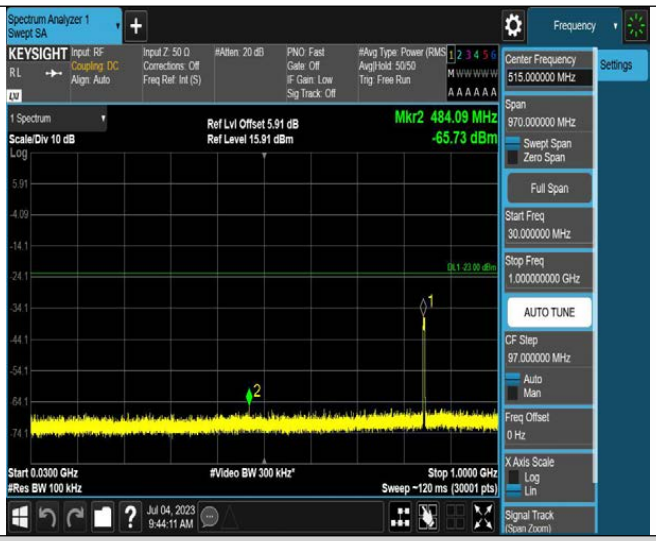


Band5-4233-5-10000~18000MHz

Band5-4233-5-0.009~0.15MHz

Band5-4233-5-0.15~30MHz

Band5-4233-5-30~1000MHz



Band5-4233-5-1000~3000MHz

Band5-4233-5-3000~10000MHz

AppendixF:Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VL	NT	-4.68	-0.005663	±2.5	PASS
Band5	4132	VN	NT	-1.42	-0.001718	±2.5	PASS
Band5	4132	VH	NT	-4.62	-0.005591	±2.5	PASS
Band5	4183	VL	NT	-3.01	-0.003598	±2.5	PASS
Band5	4183	VN	NT	-3.69	-0.004411	±2.5	PASS
Band5	4183	VH	NT	-3.90	-0.004662	±2.5	PASS
Band5	4233	VL	NT	-3.38	-0.003992	±2.5	PASS
Band5	4233	VN	NT	-0.92	-0.001087	±2.5	PASS
Band5	4233	VH	NT	-1.53	-0.001807	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-5.39	-0.006522	±2.5	PASS
Band5	4132	NV	-20	-2.68	-0.003243	±2.5	PASS
Band5	4132	NV	-10	-4.06	-0.004913	±2.5	PASS
Band5	4132	NV	0	-2.57	-0.003110	±2.5	PASS
Band5	4132	NV	10	-0.55	-0.000666	±2.5	PASS
Band5	4132	NV	20	-1.42	-0.001718	±2.5	PASS
Band5	4132	NV	30	-2.32	-0.002807	±2.5	PASS
Band5	4132	NV	40	-2.68	-0.003243	±2.5	PASS
Band5	4132	NV	50	-0.40	-0.000484	±2.5	PASS
Band5	4183	NV	-30	-3.73	-0.004459	±2.5	PASS
Band5	4183	NV	-20	-6.09	-0.007279	±2.5	PASS
Band5	4183	NV	-10	-3.48	-0.004160	±2.5	PASS
Band5	4183	NV	0	-1.40	-0.001673	±2.5	PASS
Band5	4183	NV	10	-3.68	-0.004399	±2.5	PASS
Band5	4183	NV	20	-3.71	-0.004435	±2.5	PASS
Band5	4183	NV	30	-4.15	-0.004961	±2.5	PASS
Band5	4183	NV	40	-0.84	-0.001004	±2.5	PASS
Band5	4183	NV	50	-2.66	-0.003180	±2.5	PASS

Band5	4233	NV	-30	-2.77	-0.003272	±2.5	PASS
Band5	4233	NV	-20	-2.47	-0.002918	±2.5	PASS
Band5	4233	NV	-10	-4.31	-0.005091	±2.5	PASS
Band5	4233	NV	0	-3.07	-0.003626	±2.5	PASS
Band5	4233	NV	10	-2.91	-0.003437	±2.5	PASS
Band5	4233	NV	20	-2.50	-0.002953	±2.5	PASS
Band5	4233	NV	30	-2.62	-0.003095	±2.5	PASS
Band5	4233	NV	40	-3.36	-0.003969	±2.5	PASS
Band5	4233	NV	50	-2.95	-0.003485	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	-1.22	-0.001476	±2.5	PASS
Band5	4132	1	VN	NT	-1.93	-0.002335	±2.5	PASS
Band5	4132	1	VH	NT	-3.93	-0.004756	±2.5	PASS
Band5	4132	2	VL	NT	-1.59	-0.001924	±2.5	PASS
Band5	4132	2	VN	NT	0.28	0.000339	±2.5	PASS
Band5	4132	2	VH	NT	-1.51	-0.001827	±2.5	PASS
Band5	4132	3	VL	NT	-2.38	-0.002880	±2.5	PASS
Band5	4132	3	VN	NT	-0.88	-0.001065	±2.5	PASS
Band5	4132	3	VH	NT	-2.57	-0.003110	±2.5	PASS
Band5	4132	4	VL	NT	-0.79	-0.000956	±2.5	PASS
Band5	4132	4	VN	NT	-3.28	-0.003969	±2.5	PASS
Band5	4132	4	VH	NT	-2.14	-0.002590	±2.5	PASS
Band5	4183	1	VL	NT	-2.93	-0.003502	±2.5	PASS
Band5	4183	1	VN	NT	-1.84	-0.002199	±2.5	PASS
Band5	4183	1	VH	NT	-0.71	-0.000849	±2.5	PASS
Band5	4183	2	VL	NT	-1.77	-0.002116	±2.5	PASS
Band5	4183	2	VN	NT	-0.25	-0.000299	±2.5	PASS
Band5	4183	2	VH	NT	-3.16	-0.003777	±2.5	PASS
Band5	4183	3	VL	NT	-0.79	-0.000944	±2.5	PASS
Band5	4183	3	VN	NT	-1.39	-0.001661	±2.5	PASS
Band5	4183	3	VH	NT	-2.40	-0.002869	±2.5	PASS
Band5	4183	4	VL	NT	-1.52	-0.001817	±2.5	PASS
Band5	4183	4	VN	NT	-0.02	-0.000024	±2.5	PASS
Band5	4183	4	VH	NT	-2.60	-0.003108	±2.5	PASS
Band5	4233	1	VL	NT	0.41	0.000484	±2.5	PASS
Band5	4233	1	VN	NT	-1.37	-0.001618	±2.5	PASS
Band5	4233	1	VH	NT	-1.49	-0.001760	±2.5	PASS
Band5	4233	2	VL	NT	-1.47	-0.001736	±2.5	PASS
Band5	4233	2	VN	NT	-2.59	-0.003059	±2.5	PASS
Band5	4233	2	VH	NT	-2.91	-0.003437	±2.5	PASS
Band5	4233	3	VL	NT	-1.33	-0.001571	±2.5	PASS
Band5	4233	3	VN	NT	-2.44	-0.002882	±2.5	PASS
Band5	4233	3	VH	NT	0.09	0.000106	±2.5	PASS

Band5	4233	4	VL	NT	-0.24	-0.000283	±2.5	PASS
Band5	4233	4	VN	NT	-1.30	-0.001536	±2.5	PASS
Band5	4233	4	VH	NT	-2.41	-0.002847	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-3.91	-0.004731	±2.5	PASS
Band5	4132	1	NV	-20	-2.93	-0.003545	±2.5	PASS
Band5	4132	1	NV	-10	-2.52	-0.003049	±2.5	PASS
Band5	4132	1	NV	0	-2.05	-0.002481	±2.5	PASS
Band5	4132	1	NV	10	-0.67	-0.000811	±2.5	PASS
Band5	4132	1	NV	20	-1.23	-0.001488	±2.5	PASS
Band5	4132	1	NV	30	-1.12	-0.001355	±2.5	PASS
Band5	4132	1	NV	40	-4.71	-0.005699	±2.5	PASS
Band5	4132	1	NV	50	-0.68	-0.000823	±2.5	PASS
Band5	4132	2	NV	-30	-2.21	-0.002674	±2.5	PASS
Band5	4132	2	NV	-20	-1.87	-0.002263	±2.5	PASS
Band5	4132	2	NV	-10	-3.66	-0.004429	±2.5	PASS
Band5	4132	2	NV	0	-3.81	-0.004610	±2.5	PASS
Band5	4132	2	NV	10	0.40	0.000484	±2.5	PASS
Band5	4132	2	NV	20	-1.22	-0.001476	±2.5	PASS
Band5	4132	2	NV	30	-1.18	-0.001428	±2.5	PASS
Band5	4132	2	NV	40	-1.85	-0.002239	±2.5	PASS
Band5	4132	2	NV	50	-4.24	-0.005131	±2.5	PASS
Band5	4132	3	NV	-30	-2.60	-0.003146	±2.5	PASS
Band5	4132	3	NV	-20	1.26	0.001525	±2.5	PASS
Band5	4132	3	NV	-10	-0.49	-0.000593	±2.5	PASS
Band5	4132	3	NV	0	-0.23	-0.000278	±2.5	PASS
Band5	4132	3	NV	10	-2.85	-0.003449	±2.5	PASS
Band5	4132	3	NV	20	-3.58	-0.004332	±2.5	PASS
Band5	4132	3	NV	30	-2.43	-0.002940	±2.5	PASS
Band5	4132	3	NV	40	-2.45	-0.002965	±2.5	PASS
Band5	4132	3	NV	50	1.19	0.001440	±2.5	PASS
Band5	4132	4	NV	-30	-1.87	-0.002263	±2.5	PASS
Band5	4132	4	NV	-20	-1.19	-0.001440	±2.5	PASS

Band5	4132	4	NV	-10	-1.29	-0.001561	±2.5	PASS
Band5	4132	4	NV	0	-2.35	-0.002844	±2.5	PASS
Band5	4132	4	NV	10	-2.88	-0.003485	±2.5	PASS
Band5	4132	4	NV	20	-3.83	-0.004635	±2.5	PASS
Band5	4132	4	NV	30	-2.08	-0.002517	±2.5	PASS
Band5	4132	4	NV	40	1.19	0.001440	±2.5	PASS
Band5	4132	4	NV	50	-1.95	-0.002360	±2.5	PASS
Band5	4183	1	NV	-30	1.08	0.001291	±2.5	PASS
Band5	4183	1	NV	-20	-2.97	-0.003550	±2.5	PASS
Band5	4183	1	NV	-10	-0.79	-0.000944	±2.5	PASS
Band5	4183	1	NV	0	-3.74	-0.004470	±2.5	PASS
Band5	4183	1	NV	10	-2.12	-0.002534	±2.5	PASS
Band5	4183	1	NV	20	-2.70	-0.003227	±2.5	PASS
Band5	4183	1	NV	30	-0.30	-0.000359	±2.5	PASS
Band5	4183	1	NV	40	0.22	0.000263	±2.5	PASS
Band5	4183	1	NV	50	-2.48	-0.002964	±2.5	PASS
Band5	4183	2	NV	-30	-0.61	-0.000729	±2.5	PASS
Band5	4183	2	NV	-20	-3.41	-0.004076	±2.5	PASS
Band5	4183	2	NV	-10	-1.15	-0.001375	±2.5	PASS
Band5	4183	2	NV	0	0.29	0.000347	±2.5	PASS
Band5	4183	2	NV	10	-3.57	-0.004267	±2.5	PASS
Band5	4183	2	NV	20	-2.05	-0.002450	±2.5	PASS
Band5	4183	2	NV	30	-3.33	-0.003980	±2.5	PASS
Band5	4183	2	NV	40	-1.48	-0.001769	±2.5	PASS
Band5	4183	2	NV	50	-0.67	-0.000801	±2.5	PASS
Band5	4183	3	NV	-30	-2.78	-0.003323	±2.5	PASS
Band5	4183	3	NV	-20	-1.32	-0.001578	±2.5	PASS
Band5	4183	3	NV	-10	-3.83	-0.004578	±2.5	PASS
Band5	4183	3	NV	0	-2.85	-0.003407	±2.5	PASS
Band5	4183	3	NV	10	0.16	0.000191	±2.5	PASS
Band5	4183	3	NV	20	-0.86	-0.001028	±2.5	PASS
Band5	4183	3	NV	30	-0.23	-0.000275	±2.5	PASS
Band5	4183	3	NV	40	-2.42	-0.002893	±2.5	PASS
Band5	4183	3	NV	50	-0.53	-0.000634	±2.5	PASS
Band5	4183	4	NV	-30	-3.29	-0.003933	±2.5	PASS
Band5	4183	4	NV	-20	-3.66	-0.004375	±2.5	PASS

Band5	4183	4	NV	-10	0.51	0.000610	±2.5	PASS
Band5	4183	4	NV	0	-1.99	-0.002379	±2.5	PASS
Band5	4183	4	NV	10	0.20	0.000239	±2.5	PASS
Band5	4183	4	NV	20	0.44	0.000526	±2.5	PASS
Band5	4183	4	NV	30	-0.16	-0.000191	±2.5	PASS
Band5	4183	4	NV	40	-3.08	-0.003682	±2.5	PASS
Band5	4183	4	NV	50	-2.64	-0.003156	±2.5	PASS
Band5	4233	1	NV	-30	-1.14	-0.001347	±2.5	PASS
Band5	4233	1	NV	-20	1.48	0.001748	±2.5	PASS
Band5	4233	1	NV	-10	-0.17	-0.000201	±2.5	PASS
Band5	4233	1	NV	0	0.28	0.000331	±2.5	PASS
Band5	4233	1	NV	10	-1.83	-0.002162	±2.5	PASS
Band5	4233	1	NV	20	-1.64	-0.001937	±2.5	PASS
Band5	4233	1	NV	30	-4.73	-0.005587	±2.5	PASS
Band5	4233	1	NV	40	-2.44	-0.002882	±2.5	PASS
Band5	4233	1	NV	50	-0.43	-0.000508	±2.5	PASS
Band5	4233	2	NV	-30	0.11	0.000130	±2.5	PASS
Band5	4233	2	NV	-20	-2.16	-0.002551	±2.5	PASS
Band5	4233	2	NV	-10	0.14	0.000165	±2.5	PASS
Band5	4233	2	NV	0	-3.48	-0.004111	±2.5	PASS
Band5	4233	2	NV	10	-0.24	-0.000283	±2.5	PASS
Band5	4233	2	NV	20	-1.49	-0.001760	±2.5	PASS
Band5	4233	2	NV	30	-1.84	-0.002173	±2.5	PASS
Band5	4233	2	NV	40	-1.19	-0.001406	±2.5	PASS
Band5	4233	2	NV	50	-0.91	-0.001075	±2.5	PASS
Band5	4233	3	NV	-30	-0.13	-0.000154	±2.5	PASS
Band5	4233	3	NV	-20	-0.08	-0.000094	±2.5	PASS
Band5	4233	3	NV	-10	0.10	0.000118	±2.5	PASS
Band5	4233	3	NV	0	0.68	0.000803	±2.5	PASS
Band5	4233	3	NV	10	-1.48	-0.001748	±2.5	PASS
Band5	4233	3	NV	20	-0.89	-0.001051	±2.5	PASS
Band5	4233	3	NV	30	1.87	0.002209	±2.5	PASS
Band5	4233	3	NV	40	-4.57	-0.005398	±2.5	PASS
Band5	4233	3	NV	50	-1.87	-0.002209	±2.5	PASS
Band5	4233	4	NV	-30	-1.36	-0.001606	±2.5	PASS
Band5	4233	4	NV	-20	-1.34	-0.001583	±2.5	PASS

Band5	4233	4	NV	-10	-3.71	-0.004382	±2.5	PASS
Band5	4233	4	NV	0	-2.11	-0.002492	±2.5	PASS
Band5	4233	4	NV	10	-3.05	-0.003603	±2.5	PASS
Band5	4233	4	NV	20	1.34	0.001583	±2.5	PASS
Band5	4233	4	NV	30	-1.42	-0.001677	±2.5	PASS
Band5	4233	4	NV	40	0.54	0.000638	±2.5	PASS
Band5	4233	4	NV	50	-2.17	-0.002563	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	-4.96	-0.006002	±2.5	PASS
Band5	4132	1	VN	NT	-6.95	-0.008410	±2.5	PASS
Band5	4132	1	VH	NT	-5.05	-0.006111	±2.5	PASS
Band5	4132	2	VL	NT	-3.27	-0.003957	±2.5	PASS
Band5	4132	2	VN	NT	-4.48	-0.005421	±2.5	PASS
Band5	4132	2	VH	NT	-2.72	-0.003291	±2.5	PASS
Band5	4132	3	VL	NT	-3.35	-0.004054	±2.5	PASS
Band5	4132	3	VN	NT	-3.55	-0.004296	±2.5	PASS
Band5	4132	3	VH	NT	-2.22	-0.002686	±2.5	PASS
Band5	4132	4	VL	NT	-1.42	-0.001718	±2.5	PASS
Band5	4132	4	VN	NT	-3.55	-0.004296	±2.5	PASS
Band5	4132	4	VH	NT	-1.77	-0.002142	±2.5	PASS
Band5	4132	5	VL	NT	-1.84	-0.002227	±2.5	PASS
Band5	4132	5	VN	NT	-2.09	-0.002529	±2.5	PASS
Band5	4132	5	VH	NT	-0.67	-0.000811	±2.5	PASS
Band5	4183	1	VL	NT	-1.99	-0.002379	±2.5	PASS
Band5	4183	1	VN	NT	-2.15	-0.002570	±2.5	PASS
Band5	4183	1	VH	NT	-3.17	-0.003789	±2.5	PASS
Band5	4183	2	VL	NT	-1.19	-0.001422	±2.5	PASS
Band5	4183	2	VN	NT	-2.53	-0.003024	±2.5	PASS
Band5	4183	2	VH	NT	-1.17	-0.001399	±2.5	PASS
Band5	4183	3	VL	NT	-2.88	-0.003443	±2.5	PASS
Band5	4183	3	VN	NT	-2.26	-0.002701	±2.5	PASS
Band5	4183	3	VH	NT	-2.54	-0.003036	±2.5	PASS
Band5	4183	4	VL	NT	-2.00	-0.002391	±2.5	PASS
Band5	4183	4	VN	NT	-2.47	-0.002952	±2.5	PASS
Band5	4183	4	VH	NT	-2.88	-0.003443	±2.5	PASS
Band5	4183	5	VL	NT	-1.59	-0.001901	±2.5	PASS
Band5	4183	5	VN	NT	-1.67	-0.001996	±2.5	PASS
Band5	4183	5	VH	NT	-2.25	-0.002689	±2.5	PASS
Band5	4233	1	VL	NT	-2.00	-0.002362	±2.5	PASS
Band5	4233	1	VN	NT	-3.08	-0.003638	±2.5	PASS
Band5	4233	1	VH	NT	-1.75	-0.002067	±2.5	PASS

Band5	4233	2	VL	NT	-1.92	-0.002268	±2.5	PASS
Band5	4233	2	VN	NT	-1.05	-0.001240	±2.5	PASS
Band5	4233	2	VH	NT	-1.33	-0.001571	±2.5	PASS
Band5	4233	3	VL	NT	-1.75	-0.002067	±2.5	PASS
Band5	4233	3	VN	NT	-1.77	-0.002091	±2.5	PASS
Band5	4233	3	VH	NT	-1.56	-0.001843	±2.5	PASS
Band5	4233	4	VL	NT	-1.98	-0.002339	±2.5	PASS
Band5	4233	4	VN	NT	-2.20	-0.002599	±2.5	PASS
Band5	4233	4	VH	NT	-2.59	-0.003059	±2.5	PASS
Band5	4233	5	VL	NT	-1.62	-0.001914	±2.5	PASS
Band5	4233	5	VN	NT	-2.43	-0.002870	±2.5	PASS
Band5	4233	5	VH	NT	-2.32	-0.002740	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-3.79	-0.004586	±2.5	PASS
Band5	4132	1	NV	-20	-4.08	-0.004937	±2.5	PASS
Band5	4132	1	NV	-10	-4.01	-0.004852	±2.5	PASS
Band5	4132	1	NV	0	-3.35	-0.004054	±2.5	PASS
Band5	4132	1	NV	10	-3.68	-0.004453	±2.5	PASS
Band5	4132	1	NV	20	-2.31	-0.002795	±2.5	PASS
Band5	4132	1	NV	30	-2.80	-0.003388	±2.5	PASS
Band5	4132	1	NV	40	-3.29	-0.003981	±2.5	PASS
Band5	4132	1	NV	50	-2.83	-0.003424	±2.5	PASS
Band5	4132	2	NV	-30	-2.33	-0.002819	±2.5	PASS
Band5	4132	2	NV	-20	-1.94	-0.002348	±2.5	PASS
Band5	4132	2	NV	-10	-0.98	-0.001186	±2.5	PASS
Band5	4132	2	NV	0	-1.53	-0.001851	±2.5	PASS
Band5	4132	2	NV	10	-1.95	-0.002360	±2.5	PASS
Band5	4132	2	NV	20	-3.13	-0.003788	±2.5	PASS
Band5	4132	2	NV	30	-2.46	-0.002977	±2.5	PASS
Band5	4132	2	NV	40	-3.27	-0.003957	±2.5	PASS
Band5	4132	2	NV	50	-1.44	-0.001742	±2.5	PASS
Band5	4132	3	NV	-30	-3.15	-0.003812	±2.5	PASS
Band5	4132	3	NV	-20	-3.03	-0.003667	±2.5	PASS

Band5	4132	3	NV	-10	-1.62	-0.001960	±2.5	PASS
Band5	4132	3	NV	0	-2.31	-0.002795	±2.5	PASS
Band5	4132	3	NV	10	-2.59	-0.003134	±2.5	PASS
Band5	4132	3	NV	20	-3.03	-0.003667	±2.5	PASS
Band5	4132	3	NV	30	-2.58	-0.003122	±2.5	PASS
Band5	4132	3	NV	40	-1.44	-0.001742	±2.5	PASS
Band5	4132	3	NV	50	-2.42	-0.002928	±2.5	PASS
Band5	4132	4	NV	-30	-1.78	-0.002154	±2.5	PASS
Band5	4132	4	NV	-20	-2.60	-0.003146	±2.5	PASS
Band5	4132	4	NV	-10	-2.42	-0.002928	±2.5	PASS
Band5	4132	4	NV	0	-2.14	-0.002590	±2.5	PASS
Band5	4132	4	NV	10	-2.80	-0.003388	±2.5	PASS
Band5	4132	4	NV	20	-1.05	-0.001271	±2.5	PASS
Band5	4132	4	NV	30	-2.55	-0.003086	±2.5	PASS
Band5	4132	4	NV	40	-1.85	-0.002239	±2.5	PASS
Band5	4132	4	NV	50	-1.90	-0.002299	±2.5	PASS
Band5	4132	5	NV	-30	-1.60	-0.001936	±2.5	PASS
Band5	4132	5	NV	-20	-2.58	-0.003122	±2.5	PASS
Band5	4132	5	NV	-10	-2.05	-0.002481	±2.5	PASS
Band5	4132	5	NV	0	-2.49	-0.003013	±2.5	PASS
Band5	4132	5	NV	10	-2.44	-0.002953	±2.5	PASS
Band5	4132	5	NV	20	-1.64	-0.001985	±2.5	PASS
Band5	4132	5	NV	30	-2.17	-0.002626	±2.5	PASS
Band5	4132	5	NV	40	-1.43	-0.001730	±2.5	PASS
Band5	4132	5	NV	50	-1.37	-0.001658	±2.5	PASS
Band5	4183	1	NV	-30	-1.52	-0.001817	±2.5	PASS
Band5	4183	1	NV	-20	-2.67	-0.003191	±2.5	PASS
Band5	4183	1	NV	-10	-1.53	-0.001829	±2.5	PASS
Band5	4183	1	NV	0	-1.50	-0.001793	±2.5	PASS
Band5	4183	1	NV	10	-2.58	-0.003084	±2.5	PASS
Band5	4183	1	NV	20	-2.82	-0.003371	±2.5	PASS
Band5	4183	1	NV	30	-3.09	-0.003694	±2.5	PASS
Band5	4183	1	NV	40	-1.61	-0.001924	±2.5	PASS
Band5	4183	1	NV	50	-1.65	-0.001972	±2.5	PASS
Band5	4183	2	NV	-30	-1.87	-0.002235	±2.5	PASS
Band5	4183	2	NV	-20	-2.78	-0.003323	±2.5	PASS

Band5	4183	2	NV	-10	-1.57	-0.001877	±2.5	PASS
Band5	4183	2	NV	0	-1.27	-0.001518	±2.5	PASS
Band5	4183	2	NV	10	-1.49	-0.001781	±2.5	PASS
Band5	4183	2	NV	20	-1.49	-0.001781	±2.5	PASS
Band5	4183	2	NV	30	-1.72	-0.002056	±2.5	PASS
Band5	4183	2	NV	40	-2.39	-0.002857	±2.5	PASS
Band5	4183	2	NV	50	-0.98	-0.001171	±2.5	PASS
Band5	4183	3	NV	-30	-2.12	-0.002534	±2.5	PASS
Band5	4183	3	NV	-20	-3.08	-0.003682	±2.5	PASS
Band5	4183	3	NV	-10	-0.93	-0.001112	±2.5	PASS
Band5	4183	3	NV	0	-2.00	-0.002391	±2.5	PASS
Band5	4183	3	NV	10	-2.03	-0.002426	±2.5	PASS
Band5	4183	3	NV	20	-3.03	-0.003622	±2.5	PASS
Band5	4183	3	NV	30	-2.12	-0.002534	±2.5	PASS
Band5	4183	3	NV	40	-1.95	-0.002331	±2.5	PASS
Band5	4183	3	NV	50	-1.97	-0.002355	±2.5	PASS
Band5	4183	4	NV	-30	-1.37	-0.001638	±2.5	PASS
Band5	4183	4	NV	-20	-2.21	-0.002642	±2.5	PASS
Band5	4183	4	NV	-10	-1.86	-0.002223	±2.5	PASS
Band5	4183	4	NV	0	-2.45	-0.002929	±2.5	PASS
Band5	4183	4	NV	10	-2.76	-0.003299	±2.5	PASS
Band5	4183	4	NV	20	-1.60	-0.001913	±2.5	PASS
Band5	4183	4	NV	30	-1.75	-0.002092	±2.5	PASS
Band5	4183	4	NV	40	-2.98	-0.003562	±2.5	PASS
Band5	4183	4	NV	50	-1.39	-0.001661	±2.5	PASS
Band5	4183	5	NV	-30	-2.00	-0.002391	±2.5	PASS
Band5	4183	5	NV	-20	-1.72	-0.002056	±2.5	PASS
Band5	4183	5	NV	-10	-1.31	-0.001566	±2.5	PASS
Band5	4183	5	NV	0	-1.14	-0.001363	±2.5	PASS
Band5	4183	5	NV	10	-2.55	-0.003048	±2.5	PASS
Band5	4183	5	NV	20	-3.09	-0.003694	±2.5	PASS
Band5	4183	5	NV	30	-0.21	-0.000251	±2.5	PASS
Band5	4183	5	NV	40	-1.97	-0.002355	±2.5	PASS
Band5	4183	5	NV	50	-1.76	-0.002104	±2.5	PASS
Band5	4233	1	NV	-30	-2.64	-0.003118	±2.5	PASS
Band5	4233	1	NV	-20	-0.92	-0.001087	±2.5	PASS

Band5	4233	1	NV	-10	-1.65	-0.001949	±2.5	PASS
Band5	4233	1	NV	0	-0.80	-0.000945	±2.5	PASS
Band5	4233	1	NV	10	-3.28	-0.003874	±2.5	PASS
Band5	4233	1	NV	20	-2.00	-0.002362	±2.5	PASS
Band5	4233	1	NV	30	-1.72	-0.002032	±2.5	PASS
Band5	4233	1	NV	40	-2.71	-0.003201	±2.5	PASS
Band5	4233	1	NV	50	-2.40	-0.002835	±2.5	PASS
Band5	4233	2	NV	-30	-1.47	-0.001736	±2.5	PASS
Band5	4233	2	NV	-20	-3.02	-0.003567	±2.5	PASS
Band5	4233	2	NV	-10	-2.57	-0.003036	±2.5	PASS
Band5	4233	2	NV	0	-1.37	-0.001618	±2.5	PASS
Band5	4233	2	NV	10	-1.82	-0.002150	±2.5	PASS
Band5	4233	2	NV	20	-1.98	-0.002339	±2.5	PASS
Band5	4233	2	NV	30	-2.63	-0.003107	±2.5	PASS
Band5	4233	2	NV	40	-1.21	-0.001429	±2.5	PASS
Band5	4233	2	NV	50	-2.77	-0.003272	±2.5	PASS
Band5	4233	3	NV	-30	-2.70	-0.003189	±2.5	PASS
Band5	4233	3	NV	-20	-1.70	-0.002008	±2.5	PASS
Band5	4233	3	NV	-10	-0.99	-0.001169	±2.5	PASS
Band5	4233	3	NV	0	-2.75	-0.003248	±2.5	PASS
Band5	4233	3	NV	10	-2.18	-0.002575	±2.5	PASS
Band5	4233	3	NV	20	-1.38	-0.001630	±2.5	PASS
Band5	4233	3	NV	30	-2.73	-0.003225	±2.5	PASS
Band5	4233	3	NV	40	-1.90	-0.002244	±2.5	PASS
Band5	4233	3	NV	50	-1.16	-0.001370	±2.5	PASS
Band5	4233	4	NV	-30	-2.05	-0.002421	±2.5	PASS
Band5	4233	4	NV	-20	-3.95	-0.004666	±2.5	PASS
Band5	4233	4	NV	-10	-2.90	-0.003425	±2.5	PASS
Band5	4233	4	NV	0	-1.55	-0.001831	±2.5	PASS
Band5	4233	4	NV	10	-1.71	-0.002020	±2.5	PASS
Band5	4233	4	NV	20	-0.94	-0.001110	±2.5	PASS
Band5	4233	4	NV	30	-2.23	-0.002634	±2.5	PASS
Band5	4233	4	NV	40	-2.15	-0.002540	±2.5	PASS
Band5	4233	4	NV	50	-2.07	-0.002445	±2.5	PASS
Band5	4233	5	NV	-30	-2.25	-0.002658	±2.5	PASS
Band5	4233	5	NV	-20	-2.00	-0.002362	±2.5	PASS

Band5	4233	5	NV	-10	-1.60	-0.001890	±2.5	PASS
Band5	4233	5	NV	0	-2.29	-0.002705	±2.5	PASS
Band5	4233	5	NV	10	-0.84	-0.000992	±2.5	PASS
Band5	4233	5	NV	20	-1.37	-0.001618	±2.5	PASS
Band5	4233	5	NV	30	-2.05	-0.002421	±2.5	PASS
Band5	4233	5	NV	40	-1.54	-0.001819	±2.5	PASS
Band5	4233	5	NV	50	-0.84	-0.000992	±2.5	PASS