





































































AppendixF:Frequency Stability

Test Result

			Vo	ltage			
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VN	NT	-3670.00	-1.981214	±NA	PASS
Band2	9262	VL	NT	-2670.00	-1.441373	±NA	PASS
Band2	9262	VH	NT	170.00	0.091773	±NA	PASS
Band2	9400	VN	NT	4570.00	2.430851	±NA	PASS
Band2	9400	VL	NT	4800.00	2.553191	±NA	PASS
Band2	9400	VH	NT	6130.00	3.260638	±NA	PASS
Band2	9538	VN	NT	-3530.00	-1.850493	±NA	PASS
Band2	9538	VL	NT	-6520.00	-3.417907	±NA	PASS
Band2	9538	VH	NT	-4040.00	-2.117844	±NA	PASS
Band5	4132	VN	NT	-1.37	-0.001658	±2.5	PASS
Band5	4132	VL	NT	-1.07	-0.001295	±2.5	PASS
Band5	4132	VH	NT	0.72	0.000871	±2.5	PASS
Band5	4182	VN	NT	-1.05	-0.001255	±2.5	PASS
Band5	4182	VL	NT	-0.78	-0.000933	±2.5	PASS
Band5	4182	VH	NT	-1.99	-0.002379	±2.5	PASS
Band5	4233	VN	NT	-1.78	-0.002103	±2.5	PASS
Band5	4233	VL	NT	1.19	0.001406	±2.5	PASS
Band5	4233	VH	NT	1.60	0.001890	±2.5	PASS



			Ten	nperature			
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-0.79	-0.000956	±2.5	PASS
Band5	4132	NV	-20	-0.24	-0.000290	±2.5	PASS
Band5	4132	NV	-10	-0.28	-0.000339	±2.5	PASS
Band5	4132	NV	0	-0.83	-0.001004	±2.5	PASS
Band5	4132	NV	10	-0.64	-0.000774	±2.5	PASS
Band5	4132	NV	20	0.62	0.000750	±2.5	PASS
Band5	4132	NV	30	-0.24	-0.000290	±2.5	PASS
Band5	4132	NV	40	-1.44	-0.001742	±2.5	PASS
Band5	4132	NV	50	-0.62	-0.000750	±2.5	PASS
Band5	4182	NV	-30	-1.72	-0.002056	±2.5	PASS
Band5	4182	NV	-20	-0.87	-0.001040	±2.5	PASS
Band5	4182	NV	-10	0.10	0.000120	±2.5	PASS
Band5	4182	NV	0	-1.95	-0.002331	±2.5	PASS
Band5	4182	NV	10	-0.29	-0.000347	±2.5	PASS
Band5	4182	NV	20	-0.62	-0.000741	±2.5	PASS
Band5	4182	NV	30	-0.89	-0.001064	±2.5	PASS
Band5	4182	NV	40	-0.21	-0.000251	±2.5	PASS
Band5	4182	NV	50	0.49	0.000586	±2.5	PASS
Band5	4233	NV	-30	0.80	0.000945	±2.5	PASS
Band5	4233	NV	-20	-0.39	-0.000461	±2.5	PASS
Band5	4233	NV	-10	3.38	0.003992	±2.5	PASS
Band5	4233	NV	0	3.02	0.003567	±2.5	PASS
Band5	4233	NV	10	1.46	0.001725	±2.5	PASS
Band5	4233	NV	20	0.92	0.001087	±2.5	PASS
Band5	4233	NV	30	0.46	0.000543	±2.5	PASS
Band5	4233	NV	40	2.11	0.002492	±2.5	PASS
Band5	4233	NV	50	0.81	0.000957	±2.5	PASS
Band5	4132	NV	-30	-0.79	-0.000956	±2.5	PASS
Band5	4132	NV	-20	-0.24	-0.000290	±2.5	PASS
Band5	4132	NV	-10	-0.28	-0.000339	±2.5	PASS
Band5	4132	NV	0	-0.83	-0.001004	±2.5	PASS
Band5	4132	NV	10	-0.64	-0.000774	±2.5	PASS
Band5	4132	NV	20	0.62	0.000750	±2.5	PASS
Band5	4132	NV	30	-0.24	-0.000290	±2.5	PASS
Band5	4132	NV	40	-1.44	-0.001742	±2.5	PASS
Band5	4132	NV	50	-0.62	-0.000750	±2.5	PASS



Band5	4182	NV	-30	-1.72	-0.002056	±2.5	PASS
Band5	4182	NV	-20	-0.87	-0.001040	±2.5	PASS
Band5	4182	NV	-10	0.10	0.000120	±2.5	PASS
Band5	4182	NV	0	-1.95	-0.002331	±2.5	PASS
Band5	4182	NV	10	-0.29	-0.000347	±2.5	PASS
Band5	4182	NV	20	-0.62	-0.000741	±2.5	PASS
Band5	4182	NV	30	-0.89	-0.001064	±2.5	PASS
Band5	4182	NV	40	-0.21	-0.000251	±2.5	PASS
Band5	4182	NV	50	0.49	0.000586	±2.5	PASS
Band5	4233	NV	-30	0.80	0.000945	±2.5	PASS
Band5	4233	NV	-20	-0.39	-0.000461	±2.5	PASS
Band5	4233	NV	-10	3.38	0.003992	±2.5	PASS
Band5	4233	NV	0	3.02	0.003567	±2.5	PASS
Band5	4233	NV	10	1.46	0.001725	±2.5	PASS
Band5	4233	NV	20	0.92	0.001087	±2.5	PASS
Band5	4233	NV	30	0.46	0.000543	±2.5	PASS
Band5	4233	NV	40	2.11	0.002492	±2.5	PASS
Band5	4233	NV	50	0.81	0.000957	±2.5	PASS



				Voltage				
Band	Channel	SubTest	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	VN	NT	-6030.00	-3.255236	±NA	PASS
Band2	9262	1	VL	NT	-6130.00	-3.309220	±NA	PASS
Band2	9262	1	VH	NT	-10490.00	-5.662924	±ΝΑ	PASS
Band2	9262	2	VN	NT	-8530.00	-4.604837	±NA	PASS
Band2	9262	2	VL	NT	-5200.00	-2.807169	±ΝΑ	PASS
Band2	9262	2	VH	NT	-7530.00	-4.064997	±NA	PASS
Band2	9262	3	VN	NT	-7600.00	-4.102786	±NA	PASS
Band2	9262	3	VL	NT	-8360.00	-4.513064	±ΝΑ	PASS
Band2	9262	3	VH	NT	-7520.00	-4.059598	±ΝΑ	PASS
Band2	9262	4	VN	NT	-8010.00	-4.324120	±ΝΑ	PASS
Band2	9262	4	VL	NT	-12120.00	-6.542863	±NA	PASS
Band2	9262	4	VH	NT	-8870.00	-4.788383	±NA	PASS
Band2	9400	1	VN	NT	2180.00	1.159574	±NA	PASS
Band2	9400	1	VL	NT	-2440.00	-1.297872	±NA	PASS
Band2	9400	1	VH	NT	-500.00	-0.265957	±NA	PASS
Band2	9400	2	VN	NT	-2990.00	-1.590426	±NA	PASS
Band2	9400	2	VL	NT	-2490.00	-1.324468	±NA	PASS
Band2	9400	2	VH	NT	-3780.00	-2.010638	±NA	PASS
Band2	9400	3	VN	NT	-5450.00	-2.898936	±NA	PASS
Band2	9400	3	VL	NT	-420.00	-0.223404	±NA	PASS
Band2	9538	1	VN	NT	-13560.00	-7.108408	±NA	PASS
Band2	9400	3	VH	NT	-5300.00	-2.819149	±NA	PASS
Band2	9400	4	VN	NT	-7550.00	-4.015957	±NA	PASS
Band2	9400	4	VL	NT	-4880.00	-2.595745	±NA	PASS
Band2	9400	4	VH	NT	-7790.00	-4.143617	±NA	PASS
Band2	9538	1	VL	NT	-12680.00	-6.647096	±NA	PASS
Band2	9538	1	VH	NT	-15960.00	-8.366534	±NA	PASS
Band2	9538	2	VN	NT	-15900.00	-8.335081	±NA	PASS
Band2	9538	2	VL	NT	-18850.00	-9.881527	±NA	PASS
Band2	9538	2	VH	NT	-14990.00	-7.858042	±NA	PASS
Band2	9538	3	VN	NT	-13200.00	-6.919690	±NA	PASS
Band2	9538	3	VL	NT	-11190.00	-5.866010	±NA	PASS
Band2	9538	3	VH	NT	-11080.00	-5.808346	±NA	PASS
Band2	9538	4	VN	NT	-14190.00	-7.438666	±NA	PASS
Band2	9538	4	VL	NT	-13980.00	-7.328580	±NA	PASS
Band2	9538	4	VH	NT	-14040.00	-7.360034	±ΝΑ	PASS



				Voltage				
Band	Channel	SubTest	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VN	NT	-2.46	-0.002977	±2.5	PASS
Band5	4132	1	VL	NT	-1.27	-0.001537	±2.5	PASS
Band5	4132	1	VH	NT	-0.52	-0.000629	±2.5	PASS
Band5	4132	2	VN	NT	1.22	0.001476	±2.5	PASS
Band5	4132	2	VL	NT	-0.29	-0.000351	±2.5	PASS
Band5	4132	2	VH	NT	1.24	0.001500	±2.5	PASS
Band5	4132	3	VN	NT	1.73	0.002093	±2.5	PASS
Band5	4132	3	VL	NT	-2.09	-0.002529	±2.5	PASS
Band5	4132	3	VH	NT	1.17	0.001416	±2.5	PASS
Band5	4132	4	VN	NT	0.97	0.001174	±2.5	PASS
Band5	4132	4	VL	NT	-0.46	-0.000557	±2.5	PASS
Band5	4132	4	VH	NT	3.58	0.004332	±2.5	PASS
Band5	4182	1	VN	NT	-1.90	-0.002272	±2.5	PASS
Band5	4182	1	VL	NT	3.98	0.004758	±2.5	PASS
Band5	4182	1	VH	NT	-2.97	-0.003551	±2.5	PASS
Band5	4182	2	VN	NT	0.53	0.000634	±2.5	PASS
Band5	4182	2	VL	NT	1.34	0.001602	±2.5	PASS
Band5	4182	2	VH	NT	1.17	0.001399	±2.5	PASS
Band5	4182	3	VN	NT	2.52	0.003013	±2.5	PASS
Band5	4182	3	VL	NT	1.52	0.001817	±2.5	PASS
Band5	4182	3	VH	NT	2.38	0.002846	±2.5	PASS
Band5	4182	4	VN	NT	-0.10	-0.000120	±2.5	PASS
Band5	4182	4	VL	NT	-0.01	-0.000012	±2.5	PASS
Band5	4182	4	VH	NT	0.13	0.000155	±2.5	PASS
Band5	4233	1	VN	NT	4.50	0.005315	±2.5	PASS
Band5	4233	1	VL	NT	-1.24	-0.001465	±2.5	PASS
Band5	4233	1	VH	NT	-0.04	-0.000047	±2.5	PASS
Band5	4233	2	VN	NT	1.14	0.001347	±2.5	PASS
Band5	4233	2	VL	NT	-0.57	-0.000673	±2.5	PASS
Band5	4233	2	VH	NT	0.49	0.000579	±2.5	PASS
Band5	4233	3	VN	NT	-0.03	-0.000035	±2.5	PASS
Band5	4233	3	VL	NT	0.53	0.000626	±2.5	PASS
Band5	4233	3	VH	NT	-1.67	-0.001973	±2.5	PASS
Band5	4233	4	VN	NT	0.78	0.000921	±2.5	PASS
Band5	4233	4	VL	NT	0.20	0.000236	±2.5	PASS
Band5	4233	4	VH	NT	1.24	0.001465	±2.5	PASS



	Temperature									
Band	Channel	SubTest	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict		
Band2	9262	1	NV	-30	-6170.00	-3.330814	±NA	PASS		
Band2	9262	1	NV	-20	-10380.00	-5.603541	±NA	PASS		
Band2	9262	1	NV	-10	-1750.00	-0.944720	±NA	PASS		
Band2	9262	1	NV	0	-6480.00	-3.498165	±NA	PASS		
Band2	9262	1	NV	10	-3980.00	-2.148564	±NA	PASS		
Band2	9262	1	NV	20	-3380.00	-1.824660	±NA	PASS		
Band2	9262	1	NV	30	-7660.00	-4.135176	±NA	PASS		
Band2	9262	1	NV	40	-7800.00	-4.210754	±NA	PASS		
Band2	9262	1	NV	50	-5080.00	-2.742388	±NA	PASS		
Band2	9262	2	NV	-30	-8360.00	-4.513064	±NA	PASS		
Band2	9262	2	NV	-20	-5190.00	-2.801771	±NA	PASS		
Band2	9262	2	NV	-10	-7200.00	-3.886849	±NA	PASS		
Band2	9262	2	NV	0	-7830.00	-4.226949	±NA	PASS		
Band2	9262	2	NV	10	-5700.00	-3.077089	±NA	PASS		
Band2	9262	2	NV	20	-6160.00	-3.325416	±NA	PASS		
Band2	9262	2	NV	30	-6150.00	-3.320017	±NA	PASS		
Band2	9262	2	NV	40	-4300.00	-2.321313	±NA	PASS		
Band2	9262	2	NV	50	-10300.00	-5.560354	±NA	PASS		
Band2	9262	3	NV	-30	-9520.00	-5.139279	±NA	PASS		
Band2	9262	3	NV	-20	-11410.00	-6.159577	±NA	PASS		
Band2	9262	3	NV	-10	-9950.00	-5.371410	±NA	PASS		
Band2	9262	3	NV	0	-8660.00	-4.675016	±NA	PASS		
Band2	9262	3	NV	10	-6530.00	-3.525157	±NA	PASS		
Band2	9262	3	NV	20	-9570.00	-5.166271	±NA	PASS		
Band2	9262	3	NV	30	-9280.00	-5.009717	±NA	PASS		
Band2	9262	3	NV	40	-6050.00	-3.266033	±NA	PASS		
Band2	9262	3	NV	50	-5290.00	-2.855755	±NA	PASS		
Band2	9262	4	NV	-30	-7590.00	-4.097387	±NA	PASS		
Band2	9262	4	NV	-20	-10480.00	-5.657525	±NA	PASS		
Band2	9262	4	NV	-10	-9230.00	-4.982725	±NA	PASS		
Band2	9262	4	NV	0	-10230.00	-5.522565	±NA	PASS		
Band2	9262	4	NV	10	-6640.00	-3.584539	±NA	PASS		
Band2	9262	4	NV	20	-12050.00	-6.505074	±NA	PASS		
Band2	9262	4	NV	30	-8380.00	-4.523861	±NA	PASS		
Band2	9262	4	NV	40	-6630.00	-3.579141	±NA	PASS		



Band2	9262	4	NV	50	-8980.00	-4.847765	±NA	PASS
Band2	9400	1	NV	-30	4080.00	2.170213	±NA	PASS
Band2	9400	1	NV	-20	3700.00	1.968085	±NA	PASS
Band2	9400	1	NV	-10	3930.00	2.090426	±NA	PASS
Band2	9400	1	NV	0	1910.00	1.015957	±NA	PASS
Band2	9400	1	NV	10	780.00	0.414894	±NA	PASS
Band2	9400	1	NV	20	-640.00	-0.340426	±NA	PASS
Band2	9400	1	NV	30	4310.00	2.292553	±NA	PASS
Band2	9400	1	NV	40	-2550.00	-1.356383	±NA	PASS
Band2	9400	1	NV	50	320.00	0.170213	±NA	PASS
Band2	9400	2	NV	-30	-1860.00	-0.989362	±NA	PASS
Band2	9400	2	NV	-20	-1590.00	-0.845745	±NA	PASS
Band2	9400	2	NV	-10	-540.00	-0.287234	±NA	PASS
Band2	9400	2	NV	0	-980.00	-0.521277	±NA	PASS
Band2	9400	2	NV	10	-1190.00	-0.632979	±NA	PASS
Band2	9400	2	NV	20	-4920.00	-2.617021	±NA	PASS
Band2	9400	2	NV	30	-3430.00	-1.824468	±NA	PASS
Band2	9400	2	NV	40	160.00	0.085106	±NA	PASS
Band2	9400	2	NV	50	-3380.00	-1.797872	±NA	PASS
Band2	9400	3	NV	-30	-1370.00	-0.728723	±NA	PASS
Band2	9400	3	NV	-20	-2080.00	-1.106383	±NA	PASS
Band2	9400	3	NV	-10	-4120.00	-2.191489	±NA	PASS
Band2	9400	3	NV	0	-3790.00	-2.015957	±NA	PASS
Band2	9400	3	NV	10	-4280.00	-2.276596	±NA	PASS
Band2	9400	3	NV	20	-1190.00	-0.632979	±NA	PASS
Band2	9400	3	NV	30	-5920.00	-3.148936	±NA	PASS
Band2	9400	3	NV	40	-3570.00	-1.898936	±NA	PASS
Band2	9400	3	NV	50	-3820.00	-2.031915	±NA	PASS
Band2	9400	4	NV	-30	-2410.00	-1.281915	±NA	PASS
Band2	9400	4	NV	-20	-4690.00	-2.494681	±NA	PASS
Band2	9400	4	NV	-10	-6670.00	-3.547872	±NA	PASS
Band2	9400	4	NV	0	-4580.00	-2.436170	±NA	PASS
Band2	9400	4	NV	10	-5090.00	-2.707447	±NA	PASS
Band2	9400	4	NV	20	-4470.00	-2.377660	±NA	PASS
Band2	9400	4	NV	30	-3650.00	-1.941489	±NA	PASS
Band2	9400	4	NV	40	-4310.00	-2.292553	±NA	PASS
Band2	9400	4	NV	50	-6590.00	-3.505319	±NA	PASS
Band2	9538	1	NV	-30	-13710.00	-7.187041	±NA	PASS



Band2	9538	1	NV	-20	-14160.00	-7.422940	±NA	PASS
Band2	9538	1	NV	-10	-16640.00	-8.723003	±NA	PASS
Band2	9538	1	NV	0	-12760.00	-6.689033	±NA	PASS
Band2	9538	1	NV	10	-15920.00	-8.345565	±NA	PASS
Band2	9538	1	NV	20	-20430.00	-10.709792	±NA	PASS
Band2	9538	1	NV	30	-14760.00	-7.737471	±NA	PASS
Band2	9538	1	NV	40	-13830.00	-7.249948	±NA	PASS
Band2	9538	1	NV	50	-15160.00	-7.947159	±NA	PASS
Band2	9538	2	NV	-30	-20170.00	-10.573495	±NA	PASS
Band2	9538	2	NV	-20	-19070.00	-9.996855	±NA	PASS
Band2	9538	2	NV	-10	-17790.00	-9.325854	±NA	PASS
Band2	9538	2	NV	0	-15410.00	-8.078213	±NA	PASS
Band2	9538	2	NV	10	-14940.00	-7.831831	±NA	PASS
Band2	9538	2	NV	20	-14880.00	-7.800377	±NA	PASS
Band2	9538	2	NV	30	-20540.00	-10.767456	±NA	PASS
Band2	9538	2	NV	40	-17580.00	-9.215769	±NA	PASS
Band2	9538	2	NV	50	-19180.00	-10.054519	±NA	PASS
Band2	9538	3	NV	-30	-17740.00	-9.299644	±NA	PASS
Band2	9538	3	NV	-20	-16500.00	-8.649612	±NA	PASS
Band2	9538	3	NV	-10	-8130.00	-4.261900	±NA	PASS
Band2	9538	3	NV	0	-13740.00	-7.202768	±NA	PASS
Band2	9538	3	NV	10	-11470.00	-6.012791	±NA	PASS
Band2	9538	3	NV	20	-5740.00	-3.009017	±NA	PASS
Band2	9538	3	NV	30	-13970.00	-7.323338	±NA	PASS
Band2	9538	3	NV	40	-12660.00	-6.636611	±NA	PASS
Band2	9538	3	NV	50	-9840.00	-5.158314	±NA	PASS
Band2	9538	4	NV	-30	-11290.00	-5.918432	±NA	PASS
Band2	9538	4	NV	-20	-15840.00	-8.303628	±NA	PASS
Band2	9538	4	NV	-10	-14390.00	-7.543510	±NA	PASS
Band2	9538	4	NV	0	-10790.00	-5.656322	±NA	PASS
Band2	9538	4	NV	10	-11800.00	-6.185783	±NA	PASS
Band2	9538	4	NV	20	-11330.00	-5.939400	±NA	PASS
Band2	9538	4	NV	30	-12190.00	-6.390229	±NA	PASS
Band2	9538	4	NV	40	-14540.00	-7.622143	±NA	PASS
Band2	9538	4	NV	50	-12780.00	-6.699518	±NA	PASS

	Temperature									
Band	Channel	SubTest	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict		



Band5	4132	1	NV	-30	-0.80	-0.000968	±2.5	PASS
Band5	4132	1	NV	-20	-1.92	-0.002323	±2.5	PASS
Band5	4132	1	NV	-10	-1.59	-0.001924	±2.5	PASS
Band5	4132	1	NV	0	-1.55	-0.001876	±2.5	PASS
Band5	4132	1	NV	10	-1.09	-0.001319	±2.5	PASS
Band5	4132	1	NV	20	-0.01	-0.000012	±2.5	PASS
Band5	4132	1	NV	30	1.21	0.001464	±2.5	PASS
Band5	4132	1	NV	40	-2.10	-0.002541	±2.5	PASS
Band5	4132	1	NV	50	-0.82	-0.000992	±2.5	PASS
Band5	4132	2	NV	-30	1.49	0.001803	±2.5	PASS
Band5	4132	2	NV	-20	2.10	0.002541	±2.5	PASS
Band5	4132	2	NV	-10	-2.56	-0.003098	±2.5	PASS
Band5	4132	2	NV	0	1.68	0.002033	±2.5	PASS
Band5	4132	2	NV	10	-1.01	-0.001222	±2.5	PASS
Band5	4132	2	NV	20	1.04	0.001258	±2.5	PASS
Band5	4132	2	NV	30	-2.25	-0.002723	±2.5	PASS
Band5	4132	2	NV	40	0.35	0.000424	±2.5	PASS
Band5	4132	2	NV	50	-0.06	-0.000073	±2.5	PASS
Band5	4132	3	NV	-30	0.96	0.001162	±2.5	PASS
Band5	4132	3	NV	-20	-0.67	-0.000811	±2.5	PASS
Band5	4132	3	NV	-10	2.89	0.003497	±2.5	PASS
Band5	4132	3	NV	0	-0.39	-0.000472	±2.5	PASS
Band5	4132	3	NV	10	-0.72	-0.000871	±2.5	PASS
Band5	4132	3	NV	20	-0.74	-0.000895	±2.5	PASS
Band5	4132	3	NV	30	0.94	0.001137	±2.5	PASS
Band5	4132	3	NV	40	1.33	0.001609	±2.5	PASS
Band5	4132	3	NV	50	-2.42	-0.002928	±2.5	PASS
Band5	4132	4	NV	-30	-1.14	-0.001379	±2.5	PASS
Band5	4132	4	NV	-20	0.63	0.000762	±2.5	PASS
Band5	4132	4	NV	-10	2.70	0.003267	±2.5	PASS
Band5	4132	4	NV	0	-2.08	-0.002517	±2.5	PASS
Band5	4132	4	NV	10	-1.91	-0.002311	±2.5	PASS
Band5	4132	4	NV	20	-0.14	-0.000169	±2.5	PASS
Band5	4132	4	NV	30	-0.34	-0.000411	±2.5	PASS
Band5	4132	4	NV	40	3.18	0.003848	±2.5	PASS
Band5	4132	4	NV	50	2.43	0.002940	±2.5	PASS
Band5	4182	1	NV	-30	-0.30	-0.000359	±2.5	PASS
Band5	4182	1	NV	-20	0.17	0.000203	±2.5	PASS



Band5	4182	1	NV	-10	2.27	0.002714	±2.5	PASS
Band5	4182	1	NV	0	1.52	0.001817	±2.5	PASS
Band5	4182	1	NV	10	1.77	0.002116	±2.5	PASS
Band5	4182	1	NV	20	-0.77	-0.000921	±2.5	PASS
Band5	4182	1	NV	30	-0.41	-0.000490	±2.5	PASS
Band5	4182	1	NV	40	3.28	0.003922	±2.5	PASS
Band5	4182	1	NV	50	-2.50	-0.002989	±2.5	PASS
Band5	4182	2	NV	-30	0.77	0.000921	±2.5	PASS
Band5	4182	2	NV	-20	2.42	0.002893	±2.5	PASS
Band5	4182	2	NV	-10	1.42	0.001698	±2.5	PASS
Band5	4182	2	NV	0	1.22	0.001459	±2.5	PASS
Band5	4182	2	NV	10	-2.47	-0.002953	±2.5	PASS
Band5	4182	2	NV	20	0.09	0.000108	±2.5	PASS
Band5	4182	2	NV	30	-1.63	-0.001949	±2.5	PASS
Band5	4182	2	NV	40	-3.13	-0.003742	±2.5	PASS
Band5	4182	2	NV	50	-1.15	-0.001375	±2.5	PASS
Band5	4182	3	NV	-30	-3.12	-0.003730	±2.5	PASS
Band5	4182	3	NV	-20	1.04	0.001243	±2.5	PASS
Band5	4182	3	NV	-10	-0.11	-0.000132	±2.5	PASS
Band5	4182	3	NV	0	1.12	0.001339	±2.5	PASS
Band5	4182	3	NV	10	3.76	0.004495	±2.5	PASS
Band5	4182	3	NV	20	-2.90	-0.003467	±2.5	PASS
Band5	4182	3	NV	30	0.94	0.001124	±2.5	PASS
Band5	4182	3	NV	40	1.36	0.001626	±2.5	PASS
Band5	4182	3	NV	50	-0.41	-0.000490	±2.5	PASS
Band5	4182	4	NV	-30	0.79	0.000945	±2.5	PASS
Band5	4182	4	NV	-20	2.28	0.002726	±2.5	PASS
Band5	4182	4	NV	-10	1.47	0.001758	±2.5	PASS
Band5	4182	4	NV	0	-1.78	-0.002128	±2.5	PASS
Band5	4182	4	NV	10	-0.51	-0.000610	±2.5	PASS
Band5	4182	4	NV	20	1.38	0.001650	±2.5	PASS
Band5	4182	4	NV	30	0.06	0.000072	±2.5	PASS
Band5	4182	4	NV	40	1.32	0.001578	±2.5	PASS
Band5	4182	4	NV	50	0.71	0.000849	±2.5	PASS
Band5	4233	1	NV	-30	-0.51	-0.000602	±2.5	PASS
Band5	4233	1	NV	-20	3.86	0.004559	±2.5	PASS
Band5	4233	1	NV	-10	-0.28	-0.000331	±2.5	PASS
Band5	4233	1	NV	0	1.02	0.001205	±2.5	PASS



Band5	4233	1	NV	10	0.16	0.000189	±2.5	PASS
Band5	4233	1	NV	20	-1.07	-0.001264	±2.5	PASS
Band5	4233	1	NV	30	1.41	0.001665	±2.5	PASS
Band5	4233	1	NV	40	2.90	0.003425	±2.5	PASS
Band5	4233	1	NV	50	0.34	0.000402	±2.5	PASS
Band5	4233	2	NV	-30	-0.14	-0.000165	±2.5	PASS
Band5	4233	2	NV	-20	2.48	0.002929	±2.5	PASS
Band5	4233	2	NV	-10	2.94	0.003473	±2.5	PASS
Band5	4233	2	NV	0	1.37	0.001618	±2.5	PASS
Band5	4233	2	NV	10	2.70	0.003189	±2.5	PASS
Band5	4233	2	NV	20	-0.30	-0.000354	±2.5	PASS
Band5	4233	2	NV	30	-1.12	-0.001323	±2.5	PASS
Band5	4233	2	NV	40	-2.60	-0.003071	±2.5	PASS
Band5	4233	2	NV	50	0.45	0.000532	±2.5	PASS
Band5	4233	3	NV	-30	0.27	0.000319	±2.5	PASS
Band5	4233	3	NV	-20	-0.04	-0.000047	±2.5	PASS
Band5	4233	3	NV	-10	1.65	0.001949	±2.5	PASS
Band5	4233	3	NV	0	-2.02	-0.002386	±2.5	PASS
Band5	4233	3	NV	10	-1.14	-0.001347	±2.5	PASS
Band5	4233	3	NV	20	1.43	0.001689	±2.5	PASS
Band5	4233	3	NV	30	1.98	0.002339	±2.5	PASS
Band5	4233	3	NV	40	2.25	0.002658	±2.5	PASS
Band5	4233	3	NV	50	0.87	0.001028	±2.5	PASS
Band5	4233	4	NV	-30	-1.43	-0.001689	±2.5	PASS
Band5	4233	4	NV	-20	1.62	0.001914	±2.5	PASS
Band5	4233	4	NV	-10	0.39	0.000461	±2.5	PASS
Band5	4233	4	NV	0	0.13	0.000154	±2.5	PASS
Band5	4233	4	NV	10	1.37	0.001618	±2.5	PASS
Band5	4233	4	NV	20	1.65	0.001949	±2.5	PASS
Band5	4233	4	NV	30	1.72	0.002032	±2.5	PASS
Band5	4233	4	NV	40	0.69	0.000815	±2.5	PASS
Band5	4233	4	NV	50	0.72	0.000850	±2.5	PASS



	Voltage									
Band	Channel	SubTest	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict		
Band2	9262	1	VN	NT	-2590.00	-1.398186	±NA	PASS		
Band2	9262	1	VL	NT	-5850.00	-3.158065	±NA	PASS		
Band2	9262	1	VH	NT	-1970.00	-1.063485	±NA	PASS		
Band2	9262	2	VN	NT	-1380.00	-0.744979	±NA	PASS		
Band2	9262	2	VL	NT	-7360.00	-3.973224	±NA	PASS		
Band2	9262	2	VH	NT	-3750.00	-2.024401	±NA	PASS		
Band2	9262	3	VN	NT	-3320.00	-1.792269	±NA	PASS		
Band2	9262	3	VL	NT	-1700.00	-0.917728	±NA	PASS		
Band2	9262	3	VH	NT	-7010.00	-3.784280	±NA	PASS		
Band2	9262	4	VN	NT	-5820.00	-3.141870	±NA	PASS		
Band2	9262	4	VL	NT	-6680.00	-3.606133	±NA	PASS		
Band2	9262	4	VH	NT	-5070.00	-2.736990	±NA	PASS		
Band2	9262	5	VN	NT	-5930.00	-3.201252	±NA	PASS		
Band2	9262	5	VL	NT	-1350.00	-0.728784	±NA	PASS		
Band2	9262	5	VH	NT	-870.00	-0.469661	±NA	PASS		
Band2	9400	1	VN	NT	-60.00	-0.031915	±NA	PASS		
Band2	9400	1	VL	NT	3750.00	1.994681	±NA	PASS		
Band2	9400	1	VH	NT	2490.00	1.324468	±NA	PASS		
Band2	9400	2	VN	NT	6530.00	3.473404	±NA	PASS		
Band2	9400	2	VL	NT	1220.00	0.648936	±NA	PASS		
Band2	9400	2	VH	NT	4350.00	2.313830	±NA	PASS		
Band2	9400	3	VN	NT	290.00	0.154255	±NA	PASS		
Band2	9400	3	VL	NT	2640.00	1.404255	±NA	PASS		
Band2	9400	3	VH	NT	-700.00	-0.372340	±NA	PASS		
Band2	9400	4	VN	NT	3540.00	1.882979	±NA	PASS		
Band2	9400	4	VL	NT	-3260.00	-1.734043	±NA	PASS		
Band2	9400	4	VH	NT	-1250.00	-0.664894	±NA	PASS		
Band2	9400	5	VN	NT	3320.00	1.765957	±NA	PASS		
Band2	9400	5	VL	NT	750.00	0.398936	±NA	PASS		
Band2	9400	5	VH	NT	1130.00	0.601064	±NA	PASS		
Band2	9538	1	VN	NT	-11990.00	-6.285385	±NA	PASS		
Band2	9538	1	VL	NT	-12310.00	-6.453135	±NA	PASS		
Band2	9538	1	VH	NT	-2580.00	-1.352485	±NA	PASS		
Band2	9538	2	VN	NT	-3710.00	-1.944852	±NA	PASS		
Band2	9538	2	VL	NT	-9790.00	-5.132103	±NA	PASS		
Band2	9538	2	VH	NT	-6150.00	-3.223946	±NA	PASS		



Band2	9538	3	VN	NT	-1730.00	-0.906899	±NA	PASS
Band2	9538	3	VL	NT	-5130.00	-2.689243	±NA	PASS
Band2	9538	3	VH	NT	-8690.00	-4.555462	±NA	PASS
Band2	9538	4	VN	NT	-10690.00	-5.603900	±NA	PASS
Band2	9538	4	VL	NT	-9900.00	-5.189767	±NA	PASS
Band2	9538	4	VH	NT	-8910.00	-4.670791	±NA	PASS
Band2	9538	5	VN	NT	-6060.00	-3.176767	±NA	PASS
Band2	9538	5	VL	NT	-7810.00	-4.094150	±NA	PASS
Band2	9538	5	VH	NT	-9130.00	-4.786119	±NA	PASS

				Voltage	9			
Band	Channel	SubTest	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VN	NT	-2.89	-0.003497	±2.5	PASS
Band5	4132	1	VL	NT	2.88	0.003485	±2.5	PASS
Band5	4132	1	VH	NT	-0.83	-0.001004	±2.5	PASS
Band5	4132	2	VN	NT	3.19	0.003860	±2.5	PASS
Band5	4132	2	VL	NT	1.90	0.002299	±2.5	PASS
Band5	4132	2	VH	NT	0.57	0.000690	±2.5	PASS
Band5	4132	3	VN	NT	-0.68	-0.000823	±2.5	PASS
Band5	4132	3	VL	NT	-0.69	-0.000835	±2.5	PASS
Band5	4132	3	VH	NT	2.11	0.002553	±2.5	PASS
Band5	4132	4	VN	NT	1.57	0.001900	±2.5	PASS
Band5	4132	4	VL	NT	2.45	0.002965	±2.5	PASS
Band5	4132	4	VH	NT	-0.22	-0.000266	±2.5	PASS
Band5	4182	1	VN	NT	0.96	0.001148	±2.5	PASS
Band5	4182	1	VL	NT	-0.19	-0.000227	±2.5	PASS
Band5	4182	1	VH	NT	0.00	0.000000	±2.5	PASS
Band5	4182	2	VN	NT	-0.57	-0.000681	±2.5	PASS
Band5	4182	2	VL	NT	1.69	0.002021	±2.5	PASS
Band5	4182	2	VH	NT	0.14	0.000167	±2.5	PASS
Band5	4182	3	VN	NT	0.19	0.000227	±2.5	PASS
Band5	4182	3	VL	NT	0.89	0.001064	±2.5	PASS
Band5	4182	3	VH	NT	-0.13	-0.000155	±2.5	PASS
Band5	4182	4	VN	NT	-0.67	-0.000801	±2.5	PASS
Band5	4182	4	VL	NT	0.01	0.000012	±2.5	PASS
Band5	4182	4	VH	NT	0.69	0.000825	±2.5	PASS
Band5	4233	1	VN	NT	-1.12	-0.001323	±2.5	PASS
Band5	4233	1	VL	NT	-0.74	-0.000874	±2.5	PASS



Band5	4233	1	VH	NT	0.17	0.000201	±2.5	PASS
Band5	4233	2	VN	NT	-0.80	-0.000945	±2.5	PASS
Band5	4233	2	VL	NT	0.04	0.000047	±2.5	PASS
Band5	4233	2	VH	NT	-0.19	-0.000224	±2.5	PASS
Band5	4233	3	VN	NT	-0.70	-0.000827	±2.5	PASS
Band5	4233	3	VL	NT	0.54	0.000638	±2.5	PASS
Band5	4233	3	VH	NT	-0.17	-0.000201	±2.5	PASS
Band5	4233	4	VN	NT	-0.47	-0.000555	±2.5	PASS
Band5	4233	4	VL	NT	-0.44	-0.000520	±2.5	PASS
Band5	4233	4	VH	NT	0.31	0.000366	±2.5	PASS
Band5	4132	5	VN	NT	-0.09	-0.000109	±2.5	PASS
Band5	4132	5	VL	NT	-0.39	-0.000472	±2.5	PASS
Band5	4132	5	VH	NT	0.27	0.000327	±2.5	PASS
Band5	4182	5	VN	NT	-0.21	-0.000251	±2.5	PASS
Band5	4182	5	VL	NT	0.26	0.000311	±2.5	PASS
Band5	4182	5	VH	NT	-0.15	-0.000179	±2.5	PASS
Band5	4233	5	VN	NT	0.35	0.000413	±2.5	PASS
Band5	4233	5	VL	NT	-0.41	-0.000484	±2.5	PASS
Band5	4233	5	VH	NT	-0.28	-0.000331	±2.5	PASS

				Temperat	ure			
Band	Channel	SubTest	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	NV	-30	-4620.00	-2.494062	±NA	PASS
Band2	9262	1	NV	-20	-1640.00	-0.885338	±NA	PASS
Band2	9262	1	NV	-10	-3560.00	-1.921831	±NA	PASS
Band2	9262	1	NV	0	1380.00	0.744979	±NA	PASS
Band2	9262	1	NV	10	-3660.00	-1.975815	±NA	PASS
Band2	9262	1	NV	20	-5410.00	-2.920536	±NA	PASS
Band2	9262	1	NV	30	-2290.00	-1.236234	±NA	PASS
Band2	9262	1	NV	40	-1310.00	-0.707191	±NA	PASS
Band2	9262	1	NV	50	-3720.00	-2.008206	±NA	PASS
Band2	9262	2	NV	-30	-7520.00	-4.059598	±NA	PASS
Band2	9262	2	NV	-20	-7460.00	-4.027208	±NA	PASS
Band2	9262	2	NV	-10	-330.00	-0.178147	±NA	PASS
Band2	9262	2	NV	0	-5230.00	-2.823364	±NA	PASS
Band2	9262	2	NV	10	-5300.00	-2.861153	±NA	PASS
Band2	9262	2	NV	20	-6680.00	-3.606133	±NA	PASS
Band2	9262	2	NV	30	-4270.00	-2.305118	±NA	PASS



Band2	9262	2	NV	40	-5050.00	-2.726193	±NA	PASS
Band2	9262	2	NV	50	-2680.00	-1.446772	±NA	PASS
Band2	9262	3	NV	-30	-4030.00	-2.175556	±NA	PASS
Band2	9262	3	NV	-20	-4990.00	-2.693803	±NA	PASS
Band2	9262	3	NV	-10	-3870.00	-2.089182	±NA	PASS
Band2	9262	3	NV	0	-2070.00	-1.117469	±NA	PASS
Band2	9262	3	NV	10	-1820.00	-0.982509	±NA	PASS
Band2	9262	3	NV	20	-3600.00	-1.943425	±NA	PASS
Band2	9262	3	NV	30	-4640.00	-2.504859	±NA	PASS
Band2	9262	3	NV	40	-1170.00	-0.631613	±NA	PASS
Band2	9262	3	NV	50	-6260.00	-3.379400	±NA	PASS
Band2	9262	4	NV	-30	-7550.00	-4.075794	±NA	PASS
Band2	9262	4	NV	-20	-6300.00	-3.400993	±NA	PASS
Band2	9262	4	NV	-10	-5610.00	-3.028504	±NA	PASS
Band2	9262	4	NV	0	-7330.00	-3.957029	±NA	PASS
Band2	9262	4	NV	10	-4990.00	-2.693803	±NA	PASS
Band2	9262	4	NV	20	-7110.00	-3.838264	±NA	PASS
Band2	9262	4	NV	30	-3800.00	-2.051393	±NA	PASS
Band2	9262	4	NV	40	-4730.00	-2.553444	±NA	PASS
Band2	9262	4	NV	50	-3650.00	-1.970417	±NA	PASS
Band2	9262	5	NV	-30	-3070.00	-1.657309	±NA	PASS
Band2	9262	5	NV	-20	-5910.00	-3.190456	±NA	PASS
Band2	9262	5	NV	-10	-3960.00	-2.137767	±NA	PASS
Band2	9262	5	NV	0	-3590.00	-1.938026	±NA	PASS
Band2	9262	5	NV	10	-3980.00	-2.148564	±NA	PASS
Band2	9262	5	NV	20	-970.00	-0.523645	±NA	PASS
Band2	9262	5	NV	30	-2230.00	-1.203844	±NA	PASS
Band2	9262	5	NV	40	-240.00	-0.129562	±NA	PASS
Band2	9262	5	NV	50	-2680.00	-1.446772	±NA	PASS
Band2	9400	1	NV	-30	2300.00	1.223404	±NA	PASS
Band2	9400	1	NV	-20	2320.00	1.234043	±NA	PASS
Band2	9400	1	NV	-10	-1050.00	-0.558511	±NA	PASS
Band2	9400	1	NV	0	2330.00	1.239362	±NA	PASS
Band2	9400	1	NV	10	-4760.00	-2.531915	±NA	PASS
Band2	9400	1	NV	20	-1810.00	-0.962766	±NA	PASS
Band2	9400	1	NV	30	3450.00	1.835106	±NA	PASS
Band2	9400	1	NV	40	490.00	0.260638	±NA	PASS
Band2	9400	1	NV	50	310.00	0.164894	±NA	PASS



Band2	9400	2	NV	-30	1000.00	0.531915	±NA	PASS
Band2	9400	2	NV	-20	1660.00	0.882979	±NA	PASS
Band2	9400	2	NV	-10	1440.00	0.765957	±NA	PASS
Band2	9400	2	NV	0	4070.00	2.164894	±NA	PASS
Band2	9400	2	NV	10	10.00	0.005319	±NA	PASS
Band2	9400	2	NV	20	-660.00	-0.351064	±NA	PASS
Band2	9400	2	NV	30	1830.00	0.973404	±NA	PASS
Band2	9400	2	NV	40	-2520.00	-1.340426	±NA	PASS
Band2	9400	2	NV	50	600.00	0.319149	±NA	PASS
Band2	9400	3	NV	-30	580.00	0.308511	±NA	PASS
Band2	9400	3	NV	-20	-780.00	-0.414894	±NA	PASS
Band2	9400	3	NV	-10	1350.00	0.718085	±NA	PASS
Band2	9400	3	NV	0	1870.00	0.994681	±NA	PASS
Band2	9400	3	NV	10	-430.00	-0.228723	±NA	PASS
Band2	9400	3	NV	20	-90.00	-0.047872	±NA	PASS
Band2	9400	3	NV	30	1450.00	0.771277	±NA	PASS
Band2	9400	3	NV	40	-1000.00	-0.531915	±NA	PASS
Band2	9400	3	NV	50	3260.00	1.734043	±NA	PASS
Band2	9400	4	NV	-30	-260.00	-0.138298	±NA	PASS
Band2	9400	4	NV	-20	1450.00	0.771277	±NA	PASS
Band2	9400	4	NV	-10	-820.00	-0.436170	±NA	PASS
Band2	9400	4	NV	0	1630.00	0.867021	±NA	PASS
Band2	9400	4	NV	10	140.00	0.074468	±NA	PASS
Band2	9400	4	NV	20	3000.00	1.595745	±NA	PASS
Band2	9400	4	NV	30	-240.00	-0.127660	±NA	PASS
Band2	9400	4	NV	40	2130.00	1.132979	±NA	PASS
Band2	9400	4	NV	50	-3500.00	-1.861702	±NA	PASS
Band2	9400	5	NV	-30	3870.00	2.058511	±NA	PASS
Band2	9400	5	NV	-20	3430.00	1.824468	±NA	PASS
Band2	9400	5	NV	-10	-450.00	-0.239362	±NA	PASS
Band2	9400	5	NV	0	2720.00	1.446809	±NA	PASS
Band2	9400	5	NV	10	5640.00	3.000000	±NA	PASS
Band2	9400	5	NV	20	3450.00	1.835106	±NA	PASS
Band2	9400	5	NV	30	-500.00	-0.265957	±NA	PASS
Band2	9400	5	NV	40	1380.00	0.734043	±NA	PASS
Band2	9400	5	NV	50	8480.00	4.510638	±NA	PASS
Band2	9538	1	NV	-30	-6790.00	-3.559446	±NA	PASS
Band2	9538	1	NV	-20	-10880.00	-5.703502	±NA	PASS



Band2	9538	1	NV	-10	-7640.00	-4.005033	±NA	PASS
Band2	9538	1	NV	0	-9300.00	-4.875236	±NA	PASS
Band2	9538	1	NV	10	-6780.00	-3.554204	±NA	PASS
Band2	9538	1	NV	20	-6940.00	-3.638079	±NA	PASS
Band2	9538	1	NV	30	-11710.00	-6.138603	±NA	PASS
Band2	9538	1	NV	40	-10440.00	-5.472845	±NA	PASS
Band2	9538	1	NV	50	-11500.00	-6.028518	±NA	PASS
Band2	9538	2	NV	-30	-12110.00	-6.348291	±NA	PASS
Band2	9538	2	NV	-20	-7070.00	-3.706228	±NA	PASS
Band2	9538	2	NV	-10	-4870.00	-2.552946	±NA	PASS
Band2	9538	2	NV	0	-8350.00	-4.377228	±NA	PASS
Band2	9538	2	NV	10	-6430.00	-3.370728	±NA	PASS
Band2	9538	2	NV	20	-9670.00	-5.069197	±NA	PASS
Band2	9538	2	NV	30	-4750.00	-2.490040	±NA	PASS
Band2	9538	2	NV	40	-5130.00	-2.689243	±NA	PASS
Band2	9538	2	NV	50	-6090.00	-3.192493	±NA	PASS
Band2	9538	3	NV	-30	-6570.00	-3.444118	±NA	PASS
Band2	9538	3	NV	-20	-4640.00	-2.432376	±NA	PASS
Band2	9538	3	NV	-10	-6630.00	-3.475571	±NA	PASS
Band2	9538	3	NV	0	-3110.00	-1.630321	±NA	PASS
Band2	9538	3	NV	10	-3910.00	-2.049696	±NA	PASS
Band2	9538	3	NV	20	-9730.00	-5.100650	±NA	PASS
Band2	9538	3	NV	30	-5370.00	-2.815056	±NA	PASS
Band2	9538	3	NV	40	-7010.00	-3.674775	±NA	PASS
Band2	9538	3	NV	50	-6420.00	-3.365485	±NA	PASS
Band2	9538	4	NV	-30	-8810.00	-4.618369	±NA	PASS
Band2	9538	4	NV	-20	-6780.00	-3.554204	±NA	PASS
Band2	9538	4	NV	-10	-8960.00	-4.697001	±NA	PASS
Band2	9538	4	NV	0	-8670.00	-4.544978	±NA	PASS
Band2	9538	4	NV	10	-9600.00	-5.032502	±NA	PASS
Band2	9538	4	NV	20	-13310.00	-6.977354	±NA	PASS
Band2	9538	4	NV	30	-12850.00	-6.736213	±NA	PASS
Band2	9538	4	NV	40	-7470.00	-3.915915	±NA	PASS
Band2	9538	4	NV	50	-9520.00	-4.990564	±NA	PASS
Band2	9538	5	NV	-30	-9390.00	-4.922416	±NA	PASS
Band2	9538	5	NV	-20	-9990.00	-5.236947	±NA	PASS
Band2	9538	5	NV	-10	-9300.00	-4.875236	±NA	PASS
Band2	9538	5	NV	0	-6910.00	-3.622353	±NA	PASS



Band2	9538	5	NV	10	-11780.00	-6.175299	±NA	PASS
Band2	9538	5	NV	20	-10580.00	-5.546236	±NA	PASS
Band2	9538	5	NV	30	-9440.00	-4.948627	±NA	PASS
Band2	9538	5	NV	40	-11150.00	-5.845041	±NA	PASS
Band2	9538	5	NV	50	-6350.00	-3.328790	±NA	PASS

	Temperature									
Band	Channel	SubTest	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict		
Band5	4132	1	NV	-30	-0.30	-0.000363	±2.5	PASS		
Band5	4132	1	NV	-20	-0.14	-0.000169	±2.5	PASS		
Band5	4132	1	NV	-10	1.09	0.001319	±2.5	PASS		
Band5	4132	1	NV	0	-0.91	-0.001101	±2.5	PASS		
Band5	4132	1	NV	10	-2.84	-0.003437	±2.5	PASS		
Band5	4132	1	NV	20	0.74	0.000895	±2.5	PASS		
Band5	4132	1	NV	30	0.10	0.000121	±2.5	PASS		
Band5	4132	1	NV	40	0.44	0.000532	±2.5	PASS		
Band5	4132	1	NV	50	0.11	0.000133	±2.5	PASS		
Band5	4132	2	NV	-30	2.51	0.003037	±2.5	PASS		
Band5	4132	2	NV	-20	-1.27	-0.001537	±2.5	PASS		
Band5	4132	2	NV	-10	0.11	0.000133	±2.5	PASS		
Band5	4132	2	NV	0	1.61	0.001948	±2.5	PASS		
Band5	4132	2	NV	10	0.67	0.000811	±2.5	PASS		
Band5	4132	2	NV	20	-0.59	-0.000714	±2.5	PASS		
Band5	4132	2	NV	30	-0.28	-0.000339	±2.5	PASS		
Band5	4132	2	NV	40	-4.06	-0.004913	±2.5	PASS		
Band5	4132	2	NV	50	-2.72	-0.003291	±2.5	PASS		
Band5	4132	3	NV	-30	0.38	0.000460	±2.5	PASS		
Band5	4132	3	NV	-20	0.97	0.001174	±2.5	PASS		
Band5	4132	3	NV	-10	-0.28	-0.000339	±2.5	PASS		
Band5	4132	3	NV	0	0.99	0.001198	±2.5	PASS		
Band5	4132	3	NV	10	1.58	0.001912	±2.5	PASS		
Band5	4132	3	NV	20	-1.76	-0.002130	±2.5	PASS		
Band5	4132	3	NV	30	-1.45	-0.001755	±2.5	PASS		
Band5	4132	3	NV	40	-0.44	-0.000532	±2.5	PASS		
Band5	4132	3	NV	50	-1.62	-0.001960	±2.5	PASS		
Band5	4132	4	NV	-30	-1.51	-0.001827	±2.5	PASS		
Band5	4132	4	NV	-20	2.08	0.002517	±2.5	PASS		
Band5	4132	4	NV	-10	0.57	0.000690	±2.5	PASS		



Band5	4132	4	NV	0	-1.34	-0.001621	±2.5	PASS
Band5	4132	4	NV	10	1.12	0.001355	±2.5	PASS
Band5	4132	4	NV	20	3.83	0.004635	±2.5	PASS
Band5	4132	4	NV	30	0.34	0.000411	±2.5	PASS
Band5	4132	4	NV	40	2.71	0.003279	±2.5	PASS
Band5	4132	4	NV	50	1.26	0.001525	±2.5	PASS
Band5	4182	1	NV	-30	0.45	0.000538	±2.5	PASS
Band5	4182	1	NV	-20	0.95	0.001136	±2.5	PASS
Band5	4182	1	NV	-10	2.05	0.002451	±2.5	PASS
Band5	4182	1	NV	0	1.18	0.001411	±2.5	PASS
Band5	4182	1	NV	10	0.34	0.000407	±2.5	PASS
Band5	4182	1	NV	20	-0.42	-0.000502	±2.5	PASS
Band5	4182	1	NV	30	-1.62	-0.001937	±2.5	PASS
Band5	4182	1	NV	40	-1.13	-0.001351	±2.5	PASS
Band5	4182	1	NV	50	0.14	0.000167	±2.5	PASS
Band5	4182	2	NV	-30	-0.64	-0.000765	±2.5	PASS
Band5	4182	2	NV	-20	-1.15	-0.001375	±2.5	PASS
Band5	4182	2	NV	-10	-0.86	-0.001028	±2.5	PASS
Band5	4182	2	NV	0	0.48	0.000574	±2.5	PASS
Band5	4182	2	NV	10	-0.38	-0.000454	±2.5	PASS
Band5	4182	2	NV	20	0.96	0.001148	±2.5	PASS
Band5	4182	2	NV	30	1.49	0.001781	±2.5	PASS
Band5	4182	2	NV	40	0.41	0.000490	±2.5	PASS
Band5	4182	2	NV	50	-0.29	-0.000347	±2.5	PASS
Band5	4182	3	NV	-30	1.34	0.001602	±2.5	PASS
Band5	4182	3	NV	-20	0.44	0.000526	±2.5	PASS
Band5	4182	3	NV	-10	-1.09	-0.001303	±2.5	PASS
Band5	4182	3	NV	0	-1.64	-0.001961	±2.5	PASS
Band5	4182	3	NV	10	-0.85	-0.001016	±2.5	PASS
Band5	4182	3	NV	20	-1.04	-0.001243	±2.5	PASS
Band5	4182	3	NV	30	-0.07	-0.000084	±2.5	PASS
Band5	4182	3	NV	40	-0.09	-0.000108	±2.5	PASS
Band5	4182	3	NV	50	-1.08	-0.001291	±2.5	PASS
Band5	4182	4	NV	-30	2.52	0.003013	±2.5	PASS
Band5	4182	4	NV	-20	1.72	0.002056	±2.5	PASS
Band5	4182	4	NV	-10	1.54	0.001841	±2.5	PASS
Band5	4182	4	NV	0	1.72	0.002056	±2.5	PASS
Band5	4182	4	NV	10	1.72	0.002056	±2.5	PASS



Band5	4182	4	NV	20	0.90	0.001076	±2.5	PASS
Band5	4182	4	NV	30	0.24	0.000287	±2.5	PASS
Band5	4182	4	NV	40	0.80	0.000956	±2.5	PASS
Band5	4182	4	NV	50	0.73	0.000873	±2.5	PASS
Band5	4233	1	NV	-30	-0.82	-0.000969	±2.5	PASS
Band5	4233	1	NV	-20	-2.17	-0.002563	±2.5	PASS
Band5	4233	1	NV	-10	-2.48	-0.002929	±2.5	PASS
Band5	4233	1	NV	0	-2.73	-0.003225	±2.5	PASS
Band5	4233	1	NV	10	-2.12	-0.002504	±2.5	PASS
Band5	4233	1	NV	20	-0.52	-0.000614	±2.5	PASS
Band5	4233	1	NV	30	0.46	0.000543	±2.5	PASS
Band5	4233	1	NV	40	-1.03	-0.001217	±2.5	PASS
Band5	4233	1	NV	50	-0.47	-0.000555	±2.5	PASS
Band5	4233	2	NV	-30	1.53	0.001807	±2.5	PASS
Band5	4233	2	NV	-20	2.80	0.003307	±2.5	PASS
Band5	4233	2	NV	-10	3.32	0.003922	±2.5	PASS
Band5	4233	2	NV	0	1.68	0.001984	±2.5	PASS
Band5	4233	2	NV	10	0.94	0.001110	±2.5	PASS
Band5	4233	2	NV	20	1.57	0.001854	±2.5	PASS
Band5	4233	2	NV	30	0.70	0.000827	±2.5	PASS
Band5	4233	2	NV	40	1.05	0.001240	±2.5	PASS
Band5	4233	2	NV	50	1.29	0.001524	±2.5	PASS
Band5	4233	3	NV	-30	-1.78	-0.002103	±2.5	PASS
Band5	4233	3	NV	-20	-1.40	-0.001654	±2.5	PASS
Band5	4233	3	NV	-10	-2.05	-0.002421	±2.5	PASS
Band5	4233	3	NV	0	0.96	0.001134	±2.5	PASS
Band5	4233	3	NV	10	0.18	0.000213	±2.5	PASS
Band5	4233	3	NV	20	2.32	0.002740	±2.5	PASS
Band5	4233	3	NV	30	3.06	0.003614	±2.5	PASS
Band5	4233	3	NV	40	1.52	0.001795	±2.5	PASS
Band5	4233	3	NV	50	0.14	0.000165	±2.5	PASS
Band5	4233	4	NV	-30	-0.74	-0.000874	±2.5	PASS
Band5	4233	4	NV	-20	-0.21	-0.000248	±2.5	PASS
Band5	4233	4	NV	-10	0.06	0.000071	±2.5	PASS
Band5	4233	4	NV	0	-0.57	-0.000673	±2.5	PASS
Band5	4233	4	NV	10	0.05	0.000059	±2.5	PASS
Band5	4233	4	NV	20	-0.20	-0.000236	±2.5	PASS
Band5	4233	4	NV	30	0.98	0.001158	±2.5	PASS



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Band5	4233	4	NV	40	-1.65	-0.001949	±2.5	PASS
Band5	4233	4	NV	50	-0.19	-0.000224	±2.5	PASS
Band5	4132	5	NV	-30	-0.67	-0.000811	±2.5	PASS
Band5	4132	5	NV	-20	-0.21	-0.000254	±2.5	PASS
Band5	4132	5	NV	-10	0.07	0.000085	±2.5	PASS
Band5	4132	5	NV	0	0.44	0.000532	±2.5	PASS
Band5	4132	5	NV	10	-0.29	-0.000351	±2.5	PASS
Band5	4132	5	NV	20	0.19	0.000230	±2.5	PASS
Band5	4132	5	NV	30	0.04	0.000048	±2.5	PASS
Band5	4132	5	NV	40	-0.09	-0.000109	±2.5	PASS
Band5	4132	5	NV	50	-0.45	-0.000545	±2.5	PASS
Band5	4182	5	NV	-30	-0.94	-0.001124	±2.5	PASS
Band5	4182	5	NV	-20	-0.56	-0.000670	±2.5	PASS
Band5	4182	5	NV	-10	-0.05	-0.000060	±2.5	PASS
Band5	4182	5	NV	0	-0.41	-0.000490	±2.5	PASS
Band5	4182	5	NV	10	-0.65	-0.000777	±2.5	PASS
Band5	4182	5	NV	20	-0.06	-0.000072	±2.5	PASS
Band5	4182	5	NV	30	-0.27	-0.000323	±2.5	PASS
Band5	4182	5	NV	40	-0.54	-0.000646	±2.5	PASS
Band5	4182	5	NV	50	-0.38	-0.000454	±2.5	PASS
Band5	4233	5	NV	-30	0.29	0.000343	±2.5	PASS
Band5	4233	5	NV	-20	0.16	0.000189	±2.5	PASS
Band5	4233	5	NV	-10	-0.27	-0.000319	±2.5	PASS
Band5	4233	5	NV	0	-0.31	-0.000366	±2.5	PASS
Band5	4233	5	NV	10	0.01	0.000012	±2.5	PASS
Band5	4233	5	NV	20	0.18	0.000213	±2.5	PASS
Band5	4233	5	NV	30	0.25	0.000295	±2.5	PASS
Band5	4233	5	NV	40	-0.51	-0.000602	±2.5	PASS
Band5	4233	5	NV	50	0.08	0.000094	±2.5	PASS