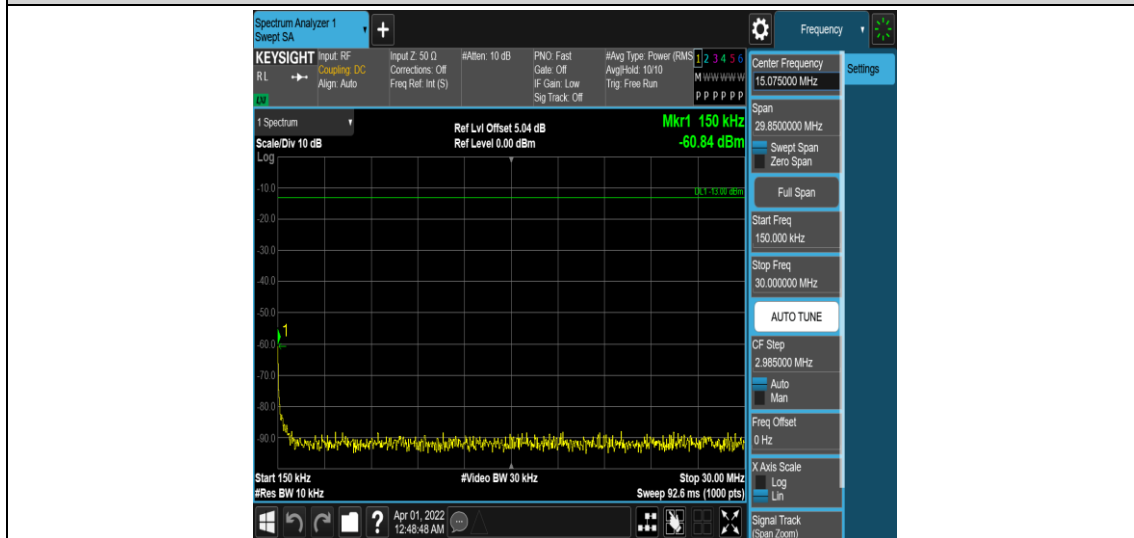




Band12-10MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



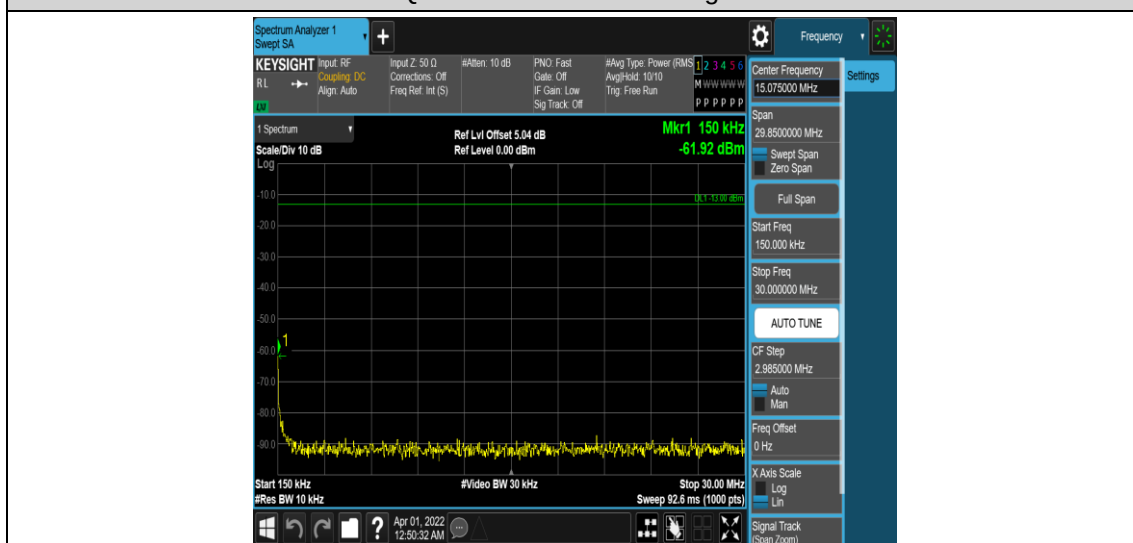
Band12-10MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



Band12-10MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



Band12-10MHz-QPSK-23130-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-QPSK-23130-1RB#0-Range2:0.15~30MHz



Band12-10MHz-QPSK-23130-1RB#0-Range3:30~1000MHz



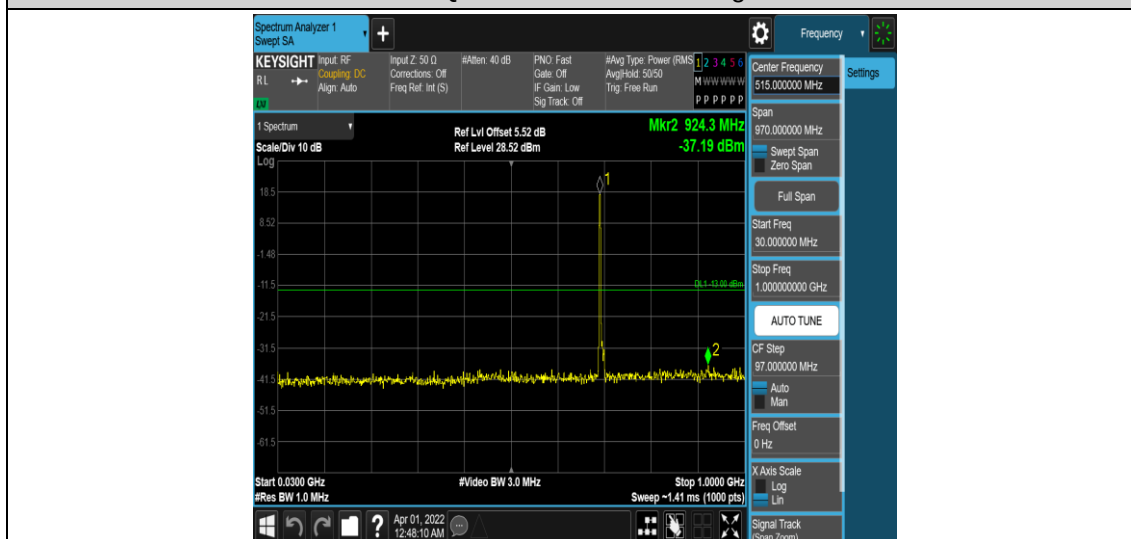
Band12-10MHz-QPSK-23130-1RB#0-Range4:1000~10000MHz



Band12-10MHz-16QAM-23060-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-16QAM-23060-1RB#0-Range2:0.15~30MHz



Band12-10MHz-16QAM-23060-1RB#0-Range3:30~1000MHz



Band12-10MHz-16QAM-23060-1RB#0-Range4:1000~10000MHz



Band12-10MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



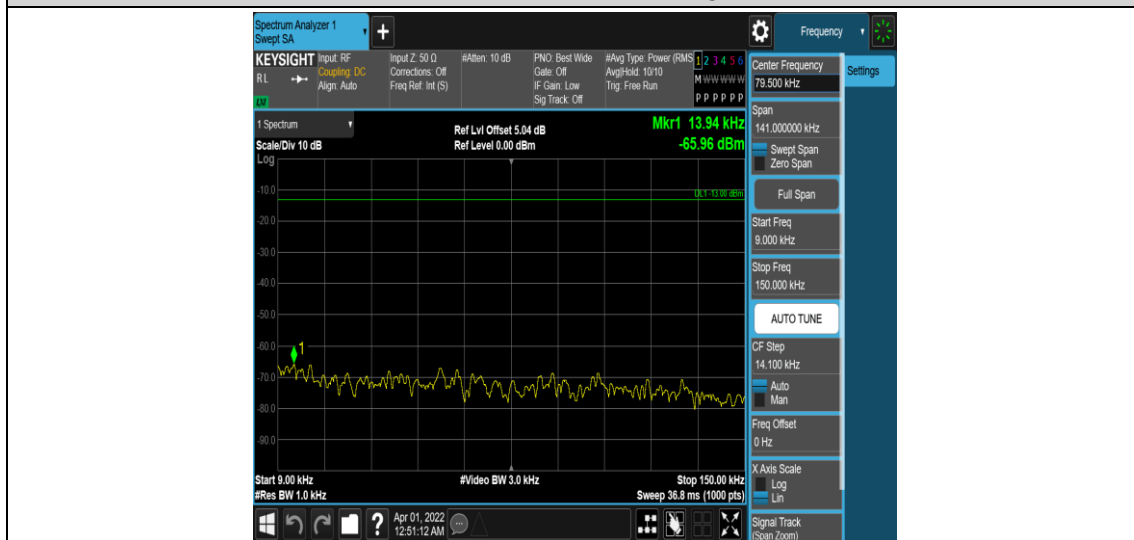
Band12-10MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



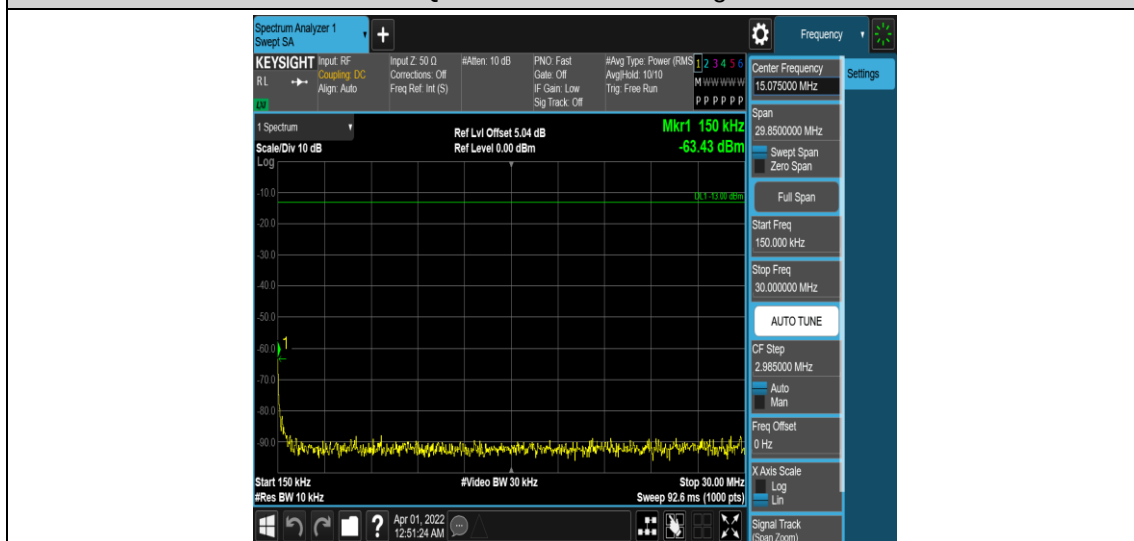
Band12-10MHz-16QAM-23095-1RB#0-Range3:30~1000MHz



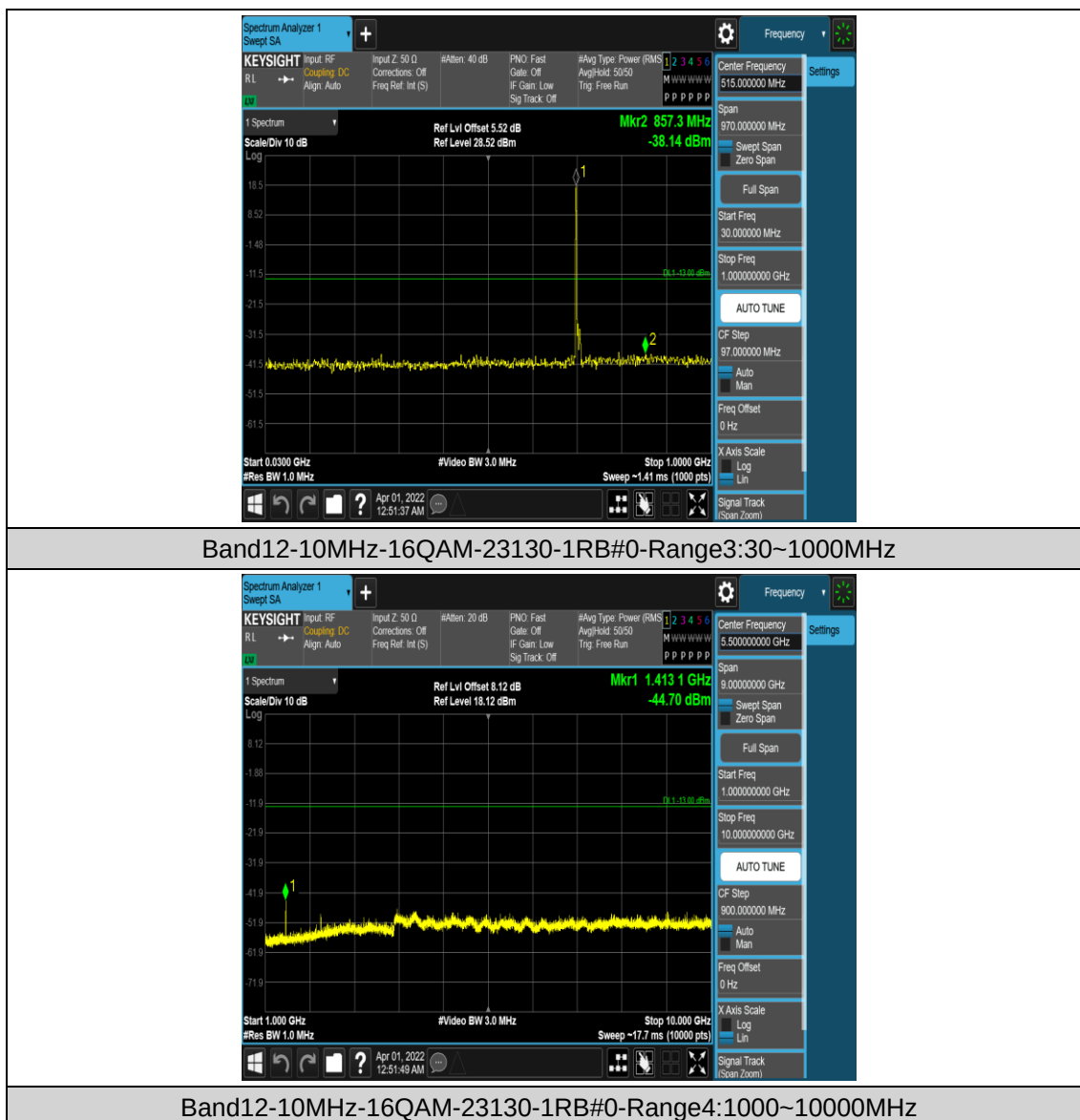
Band12-10MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-16QAM-23130-1RB#0-Range2:0.15~30MHz



Band12-10MHz-16QAM-23130-1RB#0-Range3:30~1000MHz

Band12-10MHz-16QAM-23130-1RB#0-Range4:1000~10000MHz

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	-1.09	-0.001558	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	1.43	0.002044	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	-1.13	-0.001615	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	-3.46	-0.004890	±2.5	PASS

Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	-3.36	-0.004749	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	-1.27	-0.001795	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	4.56	0.006375	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	-2.63	-0.003677	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	-2.40	-0.003355	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	-4.96	-0.007089	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-3.93	-0.005617	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	-4.73	-0.006760	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	-1.43	-0.002021	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	-3.09	-0.004367	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	-1.50	-0.002120	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	-3.52	-0.004921	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	-3.91	-0.005466	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-2.96	-0.004138	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VL	NT	-2.33	-0.003326	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	-2.78	-0.003969	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	1.53	0.002184	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	-5.18	-0.007322	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	-1.62	-0.002290	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	1.23	0.001739	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VL	NT	3.03	0.004241	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VN	NT	1.83	0.002561	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	1.75	0.002449	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VL	NT	-1.07	-0.001527	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VN	NT	-1.83	-0.002612	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VH	NT	4.99	0.007123	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VL	NT	2.35	0.003322	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VN	NT	-1.53	-0.002163	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VH	NT	-5.76	-0.008141	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VL	NT	-2.83	-0.003961	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VN	NT	-3.39	-0.004745	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VH	NT	6.78	0.009489	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VL	NT	0.79	0.001126	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	-2.03	-0.002894	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VH	NT	2.29	0.003264	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	1.39	0.001965	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	-2.37	-0.003350	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	4.06	0.005739	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	-2.57	-0.003602	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	-2.59	-0.003630	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	3.33	0.004667	±2.5	PASS

Band12	5MHz	16QAM	23035	25RB#0	VL	NT	4.92	0.007014	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VN	NT	2.35	0.003350	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VH	NT	1.90	0.002708	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VL	NT	1.86	0.002629	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VN	NT	-4.58	-0.006473	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VH	NT	3.56	0.005032	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VL	NT	-3.33	-0.004667	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VN	NT	-2.52	-0.003532	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VH	NT	3.26	0.004569	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	-1.42	-0.002017	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	-3.58	-0.005085	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	1.22	0.001733	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-2.82	-0.003986	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	3.03	0.004283	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-1.90	-0.002686	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-1.97	-0.002771	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-4.78	-0.006723	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-1.44	-0.002025	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	1.23	0.001747	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	-1.70	-0.002415	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	-3.93	-0.005582	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	-2.17	-0.003067	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	-1.76	-0.002488	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	-3.96	-0.005597	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-2.05	-0.002883	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	-2.05	-0.002883	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	2.52	0.003544	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-30	-5.28	-0.007546	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	-4.96	-0.007089	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	1.85	0.002644	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	-2.07	-0.002958	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-4.96	-0.007089	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-3.19	-0.004509	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-2.23	-0.003152	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	1.07	0.001512	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-3.43	-0.004848	±2.5	PASS

Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	1.26	0.001781	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	-1.57	-0.002195	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-2.52	-0.003523	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	4.22	0.005900	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	2.56	0.003579	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	-2.35	-0.003285	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	-3.75	-0.005359	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	-4.33	-0.006188	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	-1.37	-0.001958	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	-4.05	-0.005788	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	-2.15	-0.003073	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	-5.05	-0.007138	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	-5.14	-0.007265	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	-1.87	-0.002643	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	-3.63	-0.005131	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	-3.69	-0.005216	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	2.53	0.003537	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	-3.76	-0.005257	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	-4.63	-0.006473	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-3.49	-0.004879	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	1.62	0.002265	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-30	1.65	0.002355	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-20	-4.28	-0.006110	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	-3.35	-0.004782	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	-2.86	-0.004083	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	-4.02	-0.005739	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	4.79	0.006770	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	-4.06	-0.005739	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	-2.49	-0.003519	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	4.91	0.006940	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	3.66	0.005173	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-30	1.67	0.002337	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-20	2.59	0.003625	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	0	1.69	0.002365	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	10	-2.60	-0.003639	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	20	5.05	0.007068	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-30	1.06	0.001513	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-20	-2.32	-0.003312	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	0	1.89	0.002698	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	10	-4.28	-0.006110	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	20	-4.69	-0.006695	±2.5	PASS

Band12	3MHz	16QAM	23095	15RB#0	NV	-30	3.33	0.004707	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-20	-1.46	-0.002064	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	0	3.28	0.004636	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	10	-4.81	-0.006799	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	20	-1.53	-0.002163	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-30	4.71	0.006592	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-20	1.90	0.002659	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	0	-2.05	-0.002869	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	10	3.92	0.005486	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	20	3.78	0.005290	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-30	2.46	0.003507	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-20	3.10	0.004419	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	0	2.09	0.002979	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	10	2.92	0.004163	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	20	-2.27	-0.003236	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-30	-2.30	-0.003251	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	2.15	0.003039	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	3.98	0.005625	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	1.37	0.001936	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	1.29	0.001823	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-30	-1.52	-0.002130	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-20	1.97	0.002761	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	0	-2.56	-0.003588	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	10	2.00	0.002803	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	20	2.46	0.003448	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-30	5.74	0.008182	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-20	-0.86	-0.001226	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	0	3.35	0.004775	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	10	5.05	0.007199	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	20	-2.13	-0.003036	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-30	1.29	0.001823	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-20	1.20	0.001696	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	0	-2.83	-0.004000	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	10	2.50	0.003534	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	20	2.78	0.003929	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-30	2.55	0.003574	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-20	5.36	0.007512	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	0	1.96	0.002747	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	10	-2.92	-0.004093	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	20	3.73	0.005228	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	2.42	0.003438	±2.5	PASS

Band12	10MHz	QPSK	23060	50RB#0	NV	-20	2.09	0.002969	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	1.86	0.002642	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	3.25	0.004616	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	-2.78	-0.003949	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-2.82	-0.003986	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	2.69	0.003802	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	2.80	0.003958	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	2.59	0.003661	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	5.22	0.007378	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	3.79	0.005331	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	1.90	0.002672	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	1.02	0.001435	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-4.53	-0.006371	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	3.65	0.005134	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	-1.24	-0.001761	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	1.32	0.001875	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	3.65	0.005185	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	-3.79	-0.005384	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	-1.47	-0.002088	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	2.57	0.003633	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	-1.53	-0.002163	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	3.12	0.004410	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	-1.89	-0.002671	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	1.67	0.002360	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	3.82	0.005373	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-20	-1.69	-0.002377	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	-4.98	-0.007004	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	-2.36	-0.003319	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	-4.19	-0.005893	±2.5	PASS