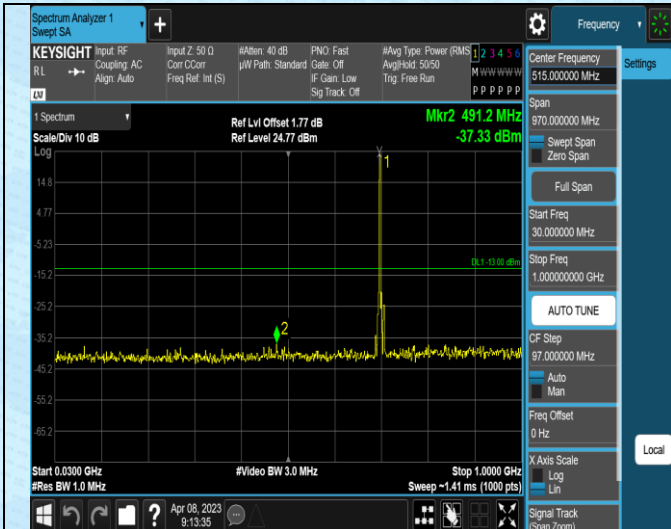
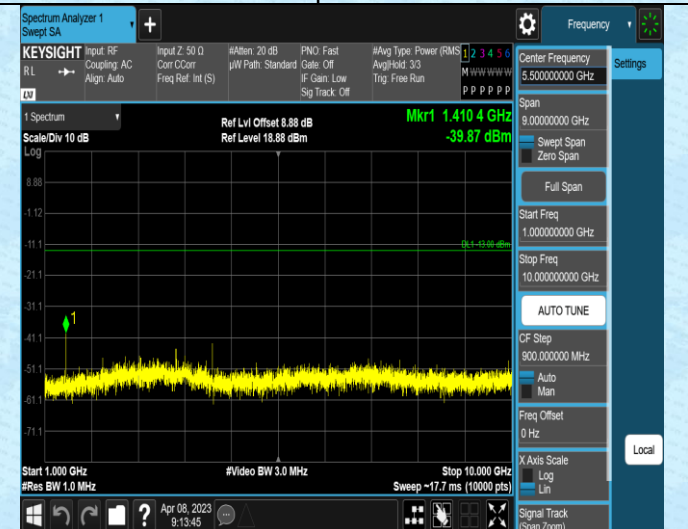




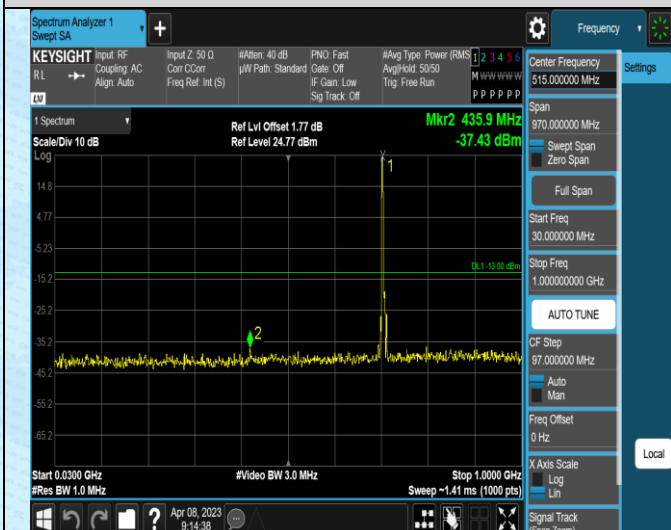
Band12-5MHz-QPSK-23155-1RB#0-Range2:30~1000M

Hz



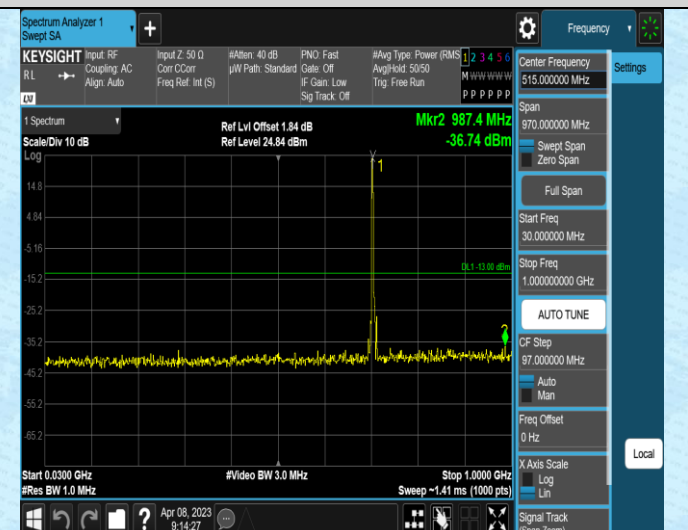
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000M

Hz



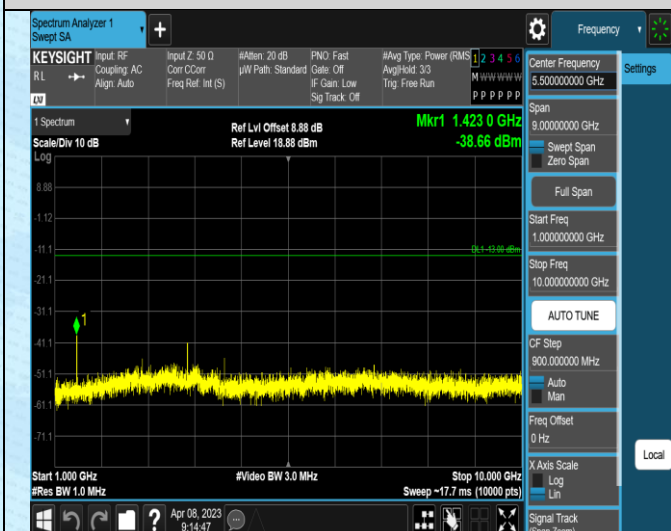
Band12-5MHz-QPSK-23155-1RB#0-Range3:1000~100

00MHz



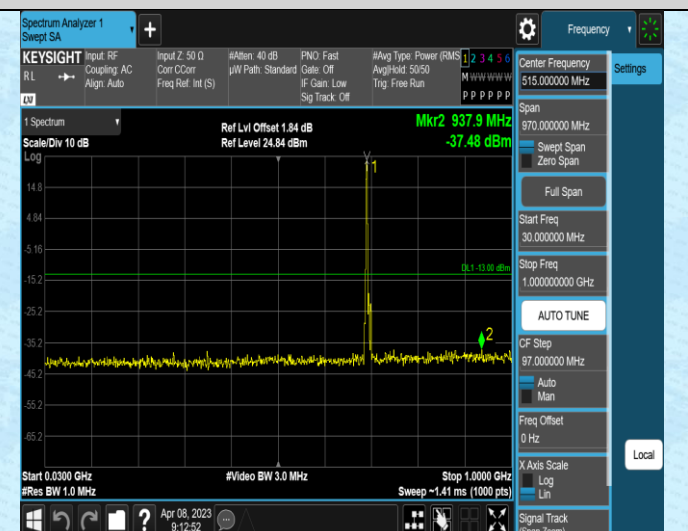
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000

MHz



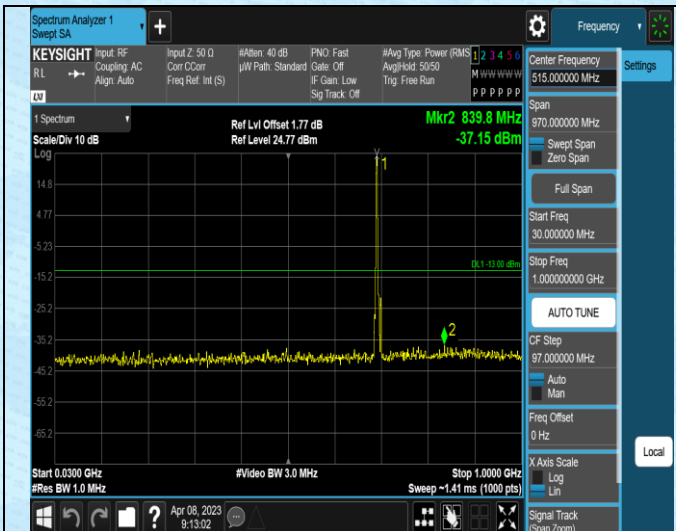
Band12-5MHz-16QAM-23035-1RB#0-Range2:30~1000

MHz

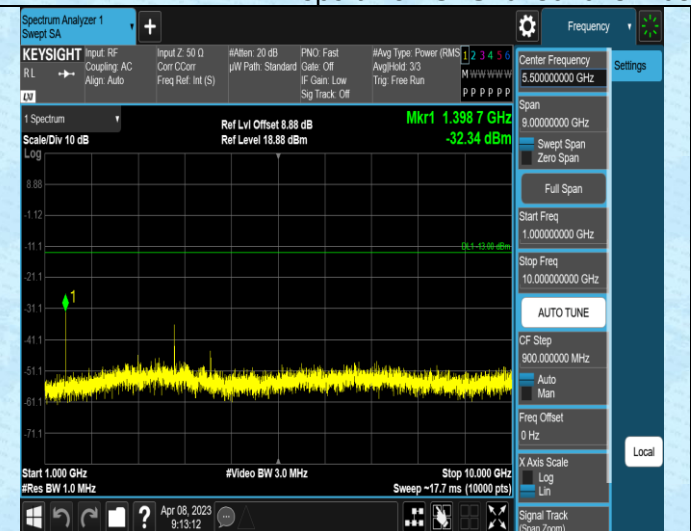


Band12-5MHz-16QAM-23035-1RB#0-Range3:1000~10

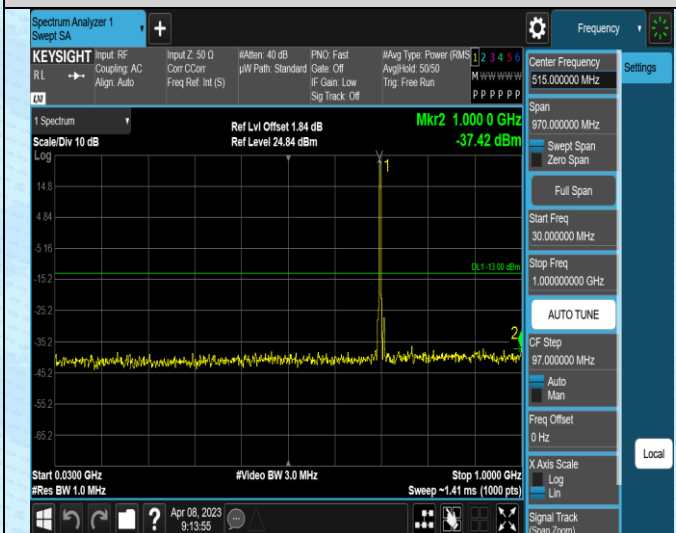
000MHz



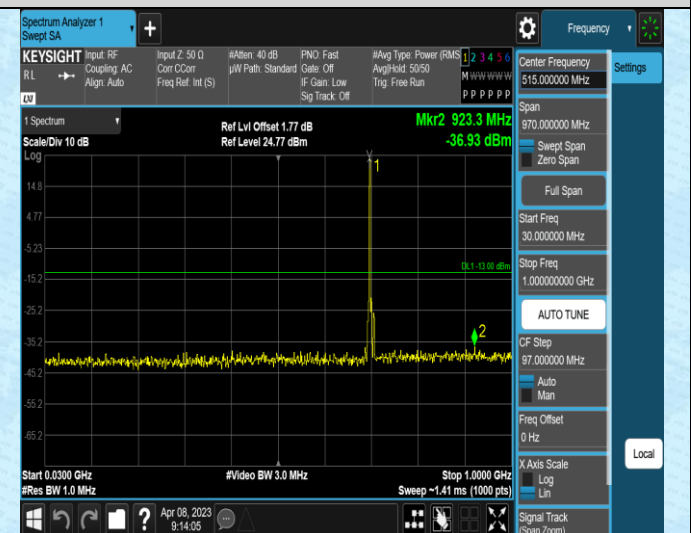
Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000 MHz



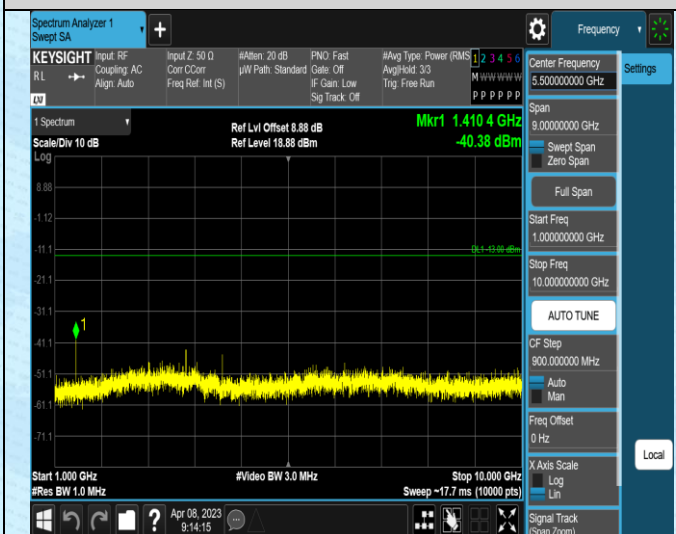
Band12-5MHz-16QAM-23095-1RB#0-Range2:30~1000 MHz



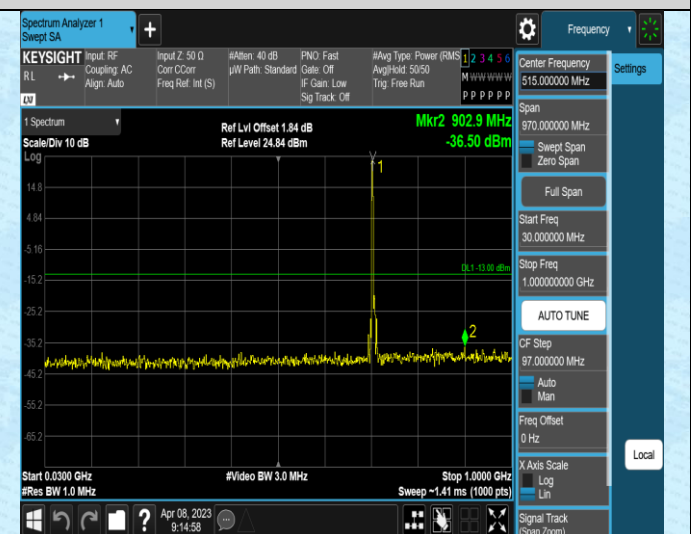
Band12-5MHz-16QAM-23095-1RB#0-Range3:1000~10000MHz



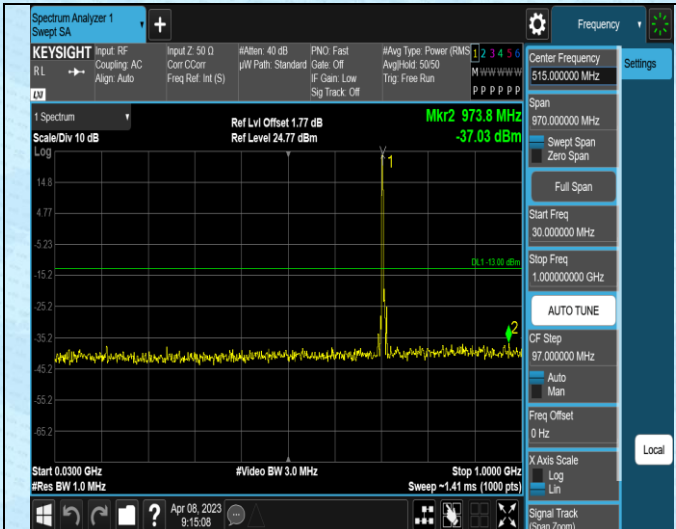
Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000 MHz



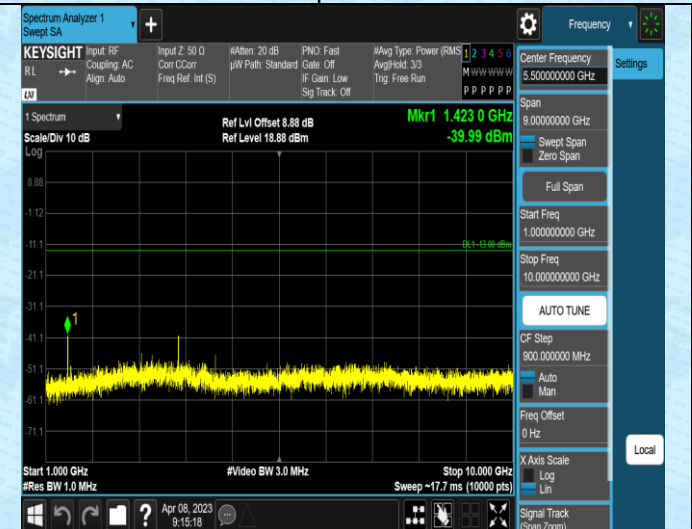
Band12-5MHz-16QAM-23155-1RB#0-Range2:30~1000 MHz



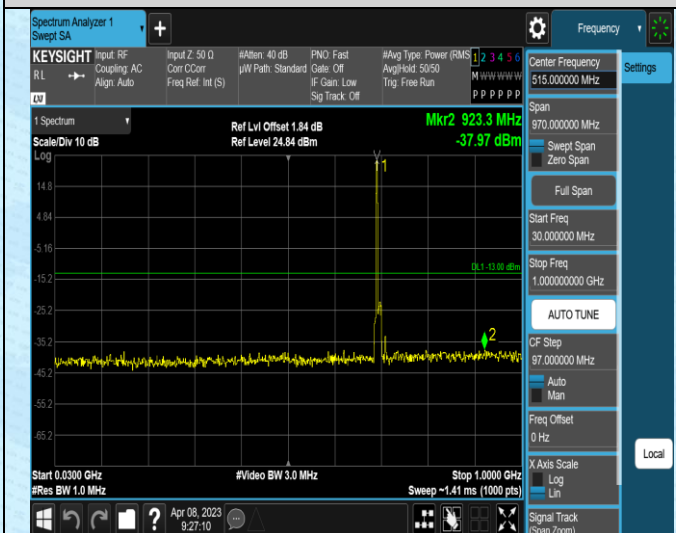
Band12-5MHz-16QAM-23155-1RB#0-Range3:1000~10000MHz



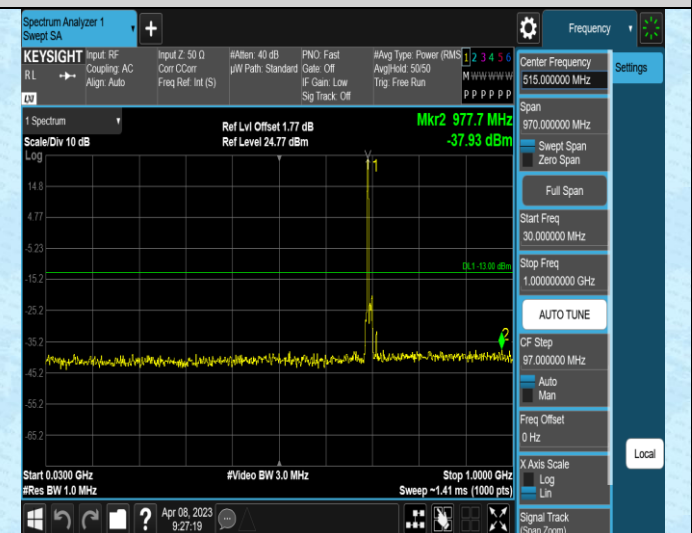
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000
MHz



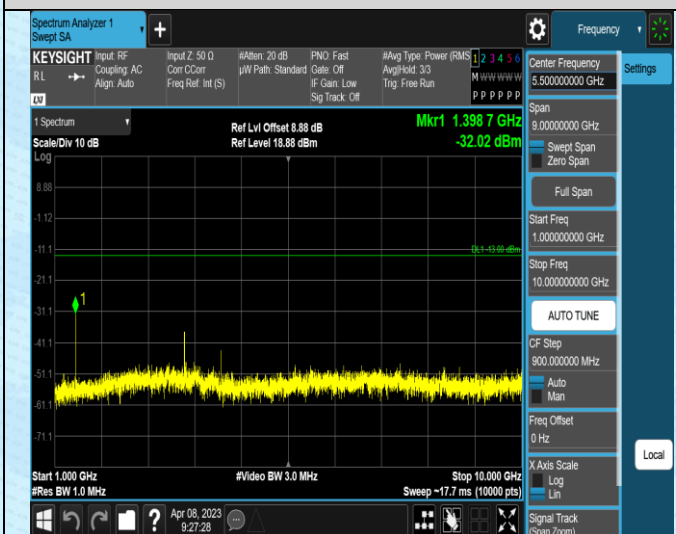
Band12-10MHz-QPSK-23060-1RB#0-Range2:30~1000
MHz



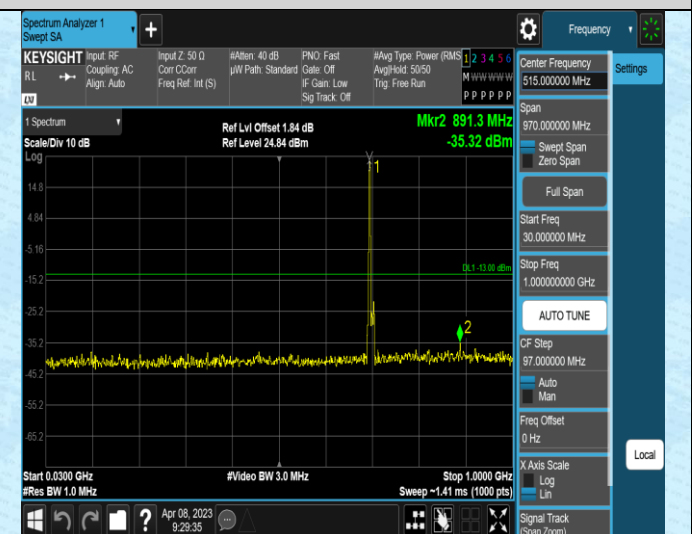
Band12-10MHz-QPSK-23060-1RB#0-Range3:1000~10
000MHz



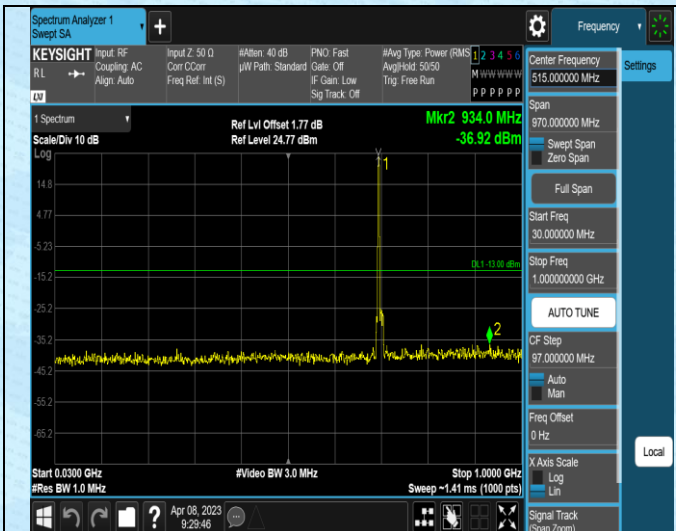
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000
MHz



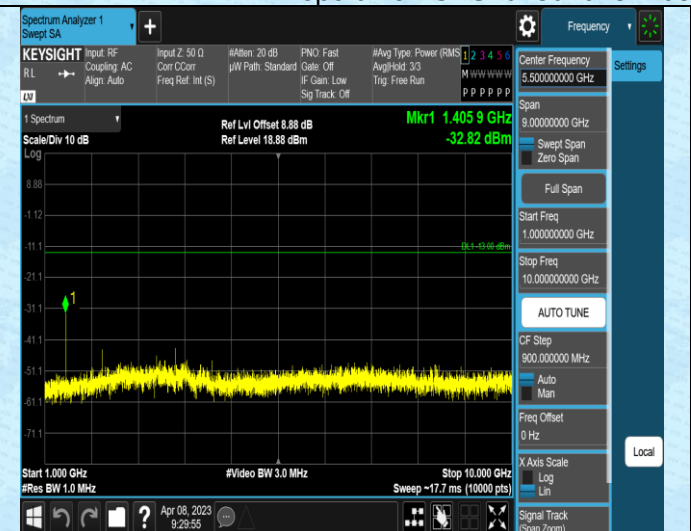
Band12-10MHz-QPSK-23095-1RB#0-Range2:30~1000
MHz



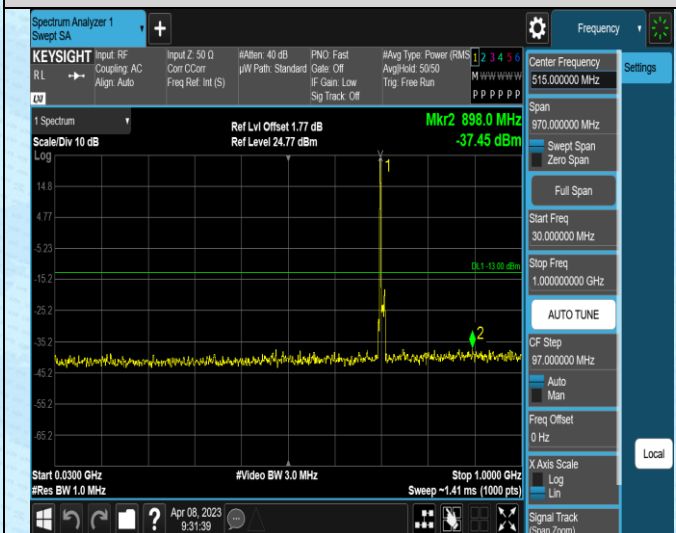
Band12-10MHz-QPSK-23095-1RB#0-Range3:1000~10
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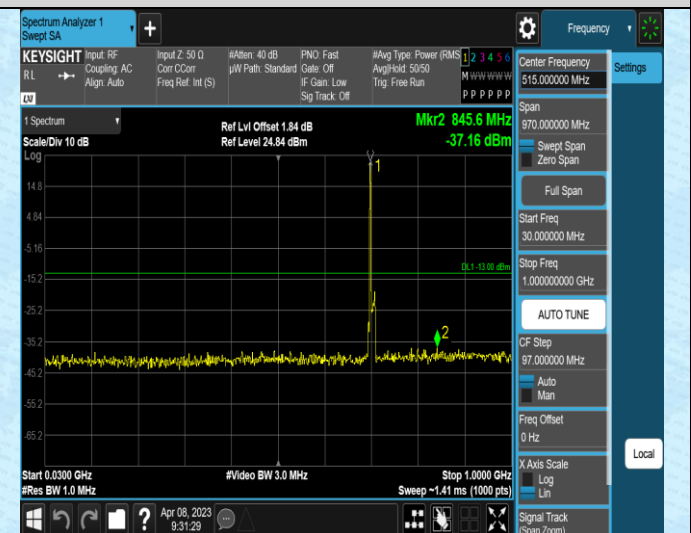
Band12-10MHz-QPSK-23130-1RB#0-Range2:30~1000
MHz



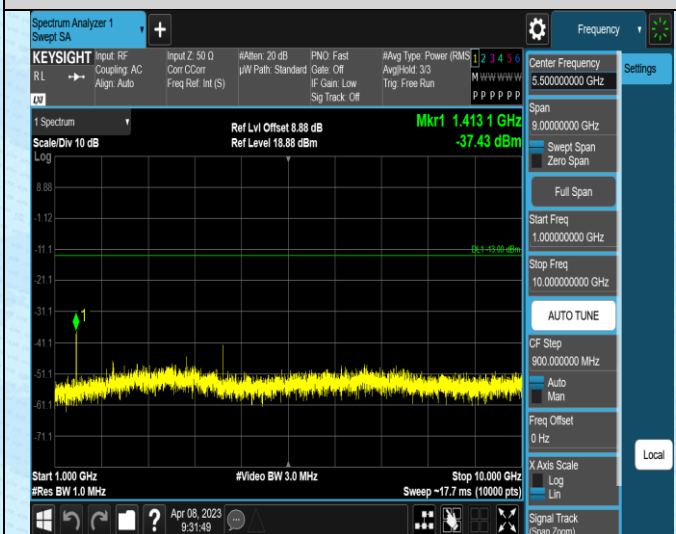
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000
MHz



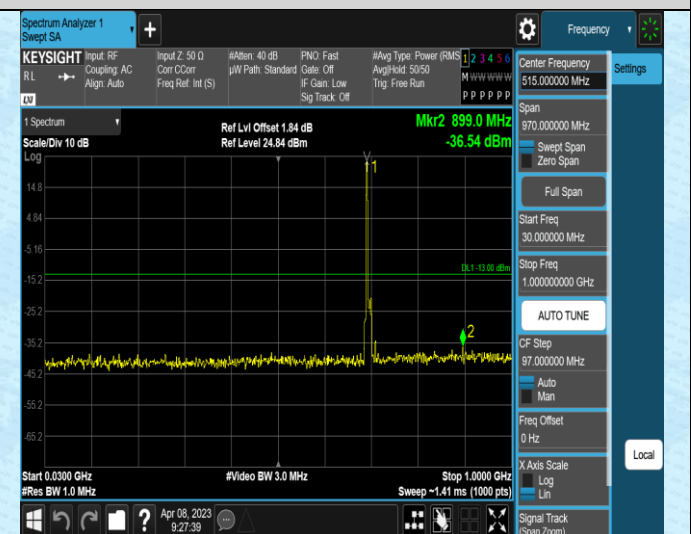
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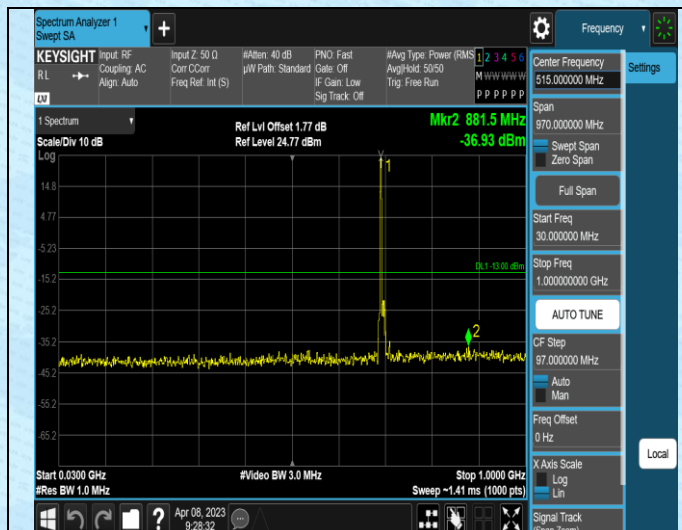
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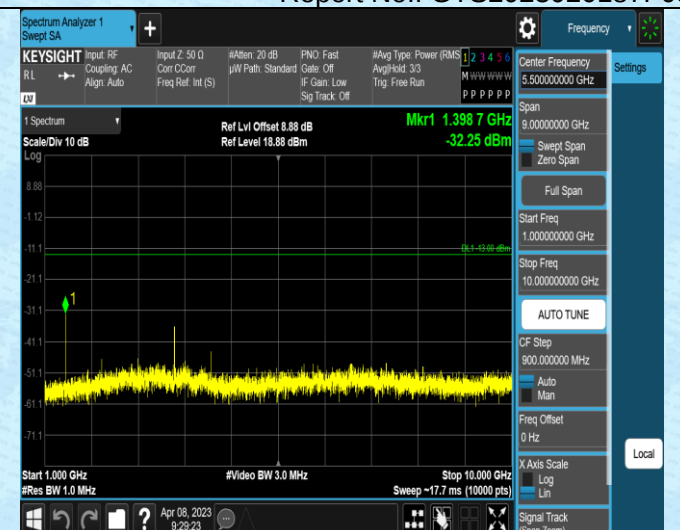
Band12-10MHz-16QAM-23060-1RB#0-Range2:30~100
0MHz



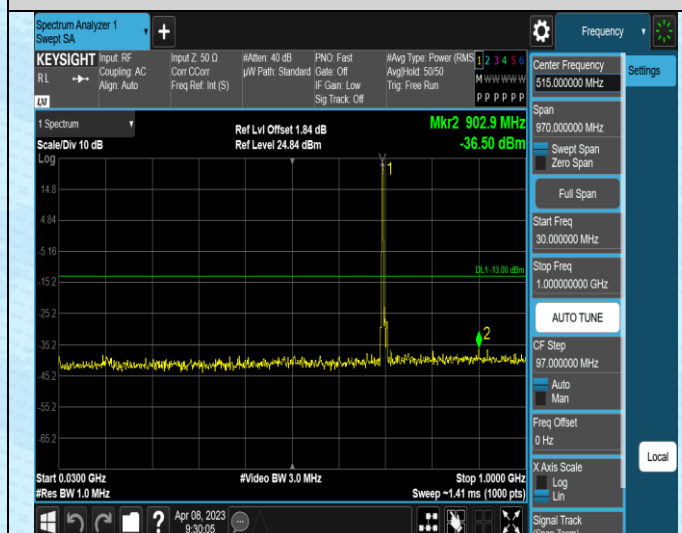
Band12-10MHz-16QAM-23060-1RB#0-Range3:1000~1
0000MHz



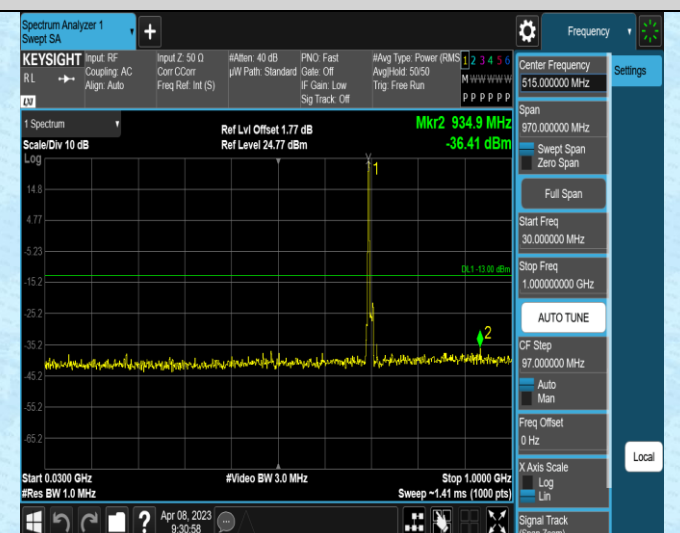
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~100
0MHz



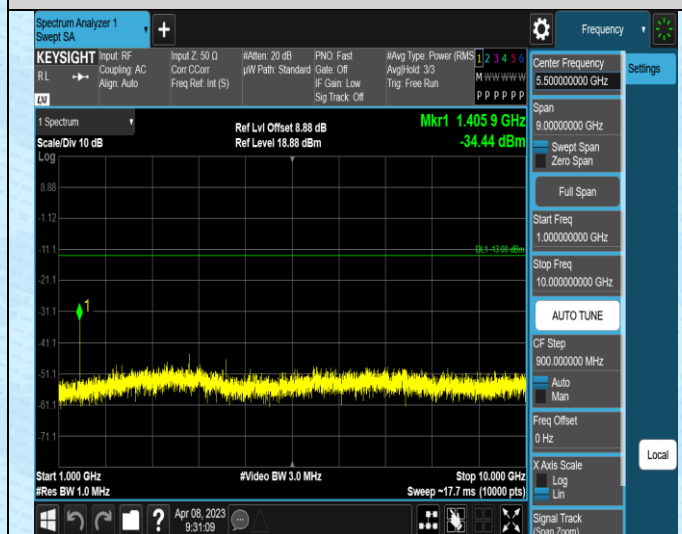
Band12-10MHz-16QAM-23095-1RB#0-Range2:30~100
0MHz



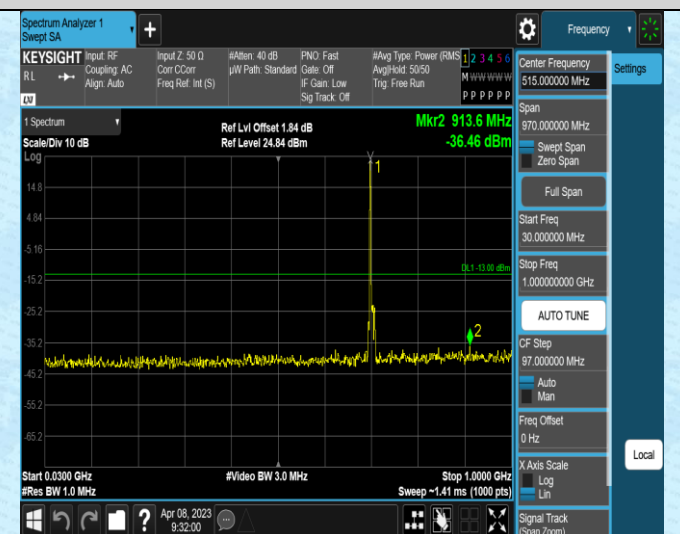
Band12-10MHz-16QAM-23095-1RB#0-Range3:1000~1
0000MHz



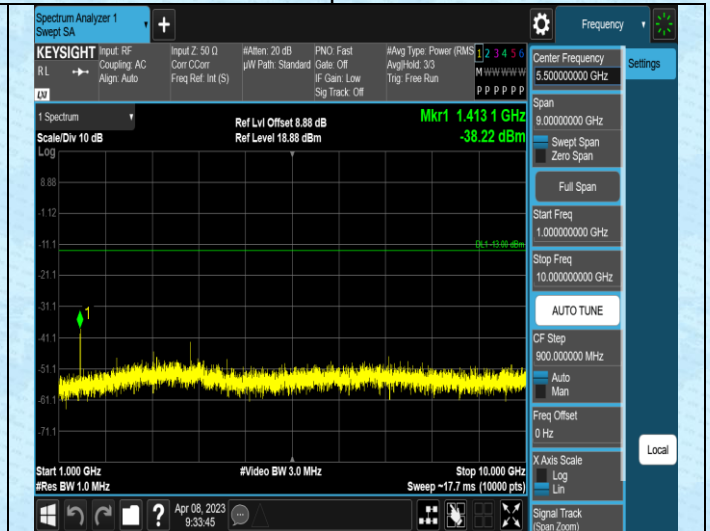
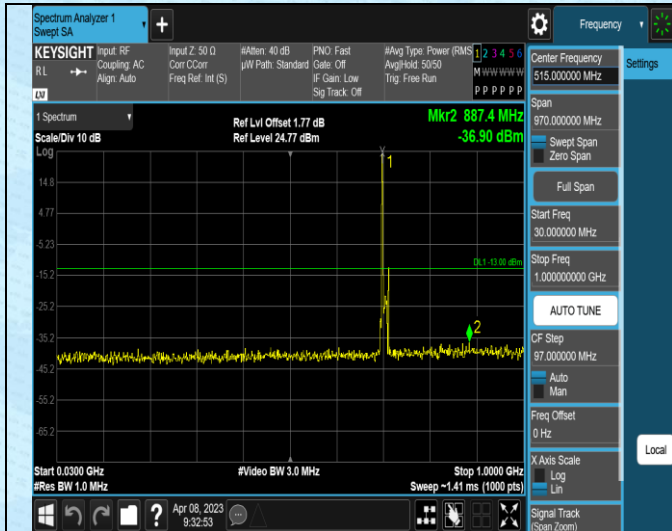
Band12-10MHz-16QAM-23130-1RB#0-Range1:30~100
0MHz



Band12-10MHz-16QAM-23130-1RB#0-Range2:30~100
0MHz



Band12-10MHz-16QAM-23130-1RB#0-Range3:1000~1
0000MHz



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	-2.96	-0.004230	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	-4.19	-0.005988	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	-4.71	-0.006731	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	-2.66	-0.003760	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	1.75	0.002473	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	1.10	0.001555	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	-1.73	-0.002419	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	1.69	0.002363	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	-1.53	-0.002139	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	-2.19	-0.003130	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-2.49	-0.003559	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	-2.85	-0.004073	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	-2.47	-0.003491	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	-2.63	-0.003717	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	-1.49	-0.002106	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	-1.66	-0.002321	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	-1.82	-0.002544	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-2.95	-0.004124	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VL	NT	-2.59	-0.003697	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	-3.40	-0.004854	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	-3.32	-0.004739	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	-1.50	-0.002120	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	1.95	0.002756	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-1.99	-0.002813	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VL	NT	-1.36	-0.001903	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VN	NT	2.02	0.002827	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	-2.37	-0.003317	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VL	NT	-2.95	-0.004211	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VN	NT	-1.36	-0.001941	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VH	NT	-2.22	-0.003169	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VL	NT	1.83	0.002587	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VN	NT	1.49	0.002106	±2.5	PASS

Band12	3MHz	16QAM	23095	15RB#0	VH	NT	2.37	0.003350	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VL	NT	-1.72	-0.002407	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VN	NT	1.47	0.002057	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VH	NT	-3.15	-0.004409	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VL	NT	-4.09	-0.005830	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	-3.39	-0.004833	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VH	NT	-3.93	-0.005602	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	-3.02	-0.004269	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	-2.80	-0.003958	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	1.65	0.002332	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	-3.08	-0.004317	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	-2.47	-0.003462	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	-2.19	-0.003069	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VL	NT	1.92	0.002737	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VN	NT	1.44	0.002053	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VH	NT	-3.06	-0.004362	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VL	NT	-1.83	-0.002587	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VN	NT	-2.10	-0.002968	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VH	NT	-2.66	-0.003760	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VL	NT	-1.53	-0.002144	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VN	NT	-1.97	-0.002761	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VH	NT	-1.46	-0.002046	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	-1.67	-0.002372	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	2.26	0.003210	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-2.95	-0.004190	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-2.90	-0.004099	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-1.17	-0.001654	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-1.75	-0.002473	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-4.05	-0.005696	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-2.15	-0.003024	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-3.43	-0.004824	±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	-1.40	-0.002001	±2.5	PASS

Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	-1.97	-0.002815	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-3.63	-0.005188	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	-1.60	-0.002287	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-4.02	-0.005745	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	1.23	0.001739	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	2.20	0.003110	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-2.70	-0.003816	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-1.46	-0.002064	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-2.72	-0.003845	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	2.09	0.002922	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-1.42	-0.001985	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	-1.49	-0.002083	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	-1.76	-0.002461	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	1.65	0.002307	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	-3.19	-0.004559	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	-3.45	-0.004931	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	-3.91	-0.005588	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	-2.27	-0.003244	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	-3.85	-0.005502	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	-2.27	-0.003208	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	-1.72	-0.002431	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	-2.78	-0.003929	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	1.69	0.002389	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	-1.89	-0.002671	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	-1.82	-0.002544	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	-0.72	-0.001007	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	2.45	0.003425	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-2.06	-0.002880	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	2.49	0.003481	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-30	-1.85	-0.002641	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-20	-2.98	-0.004254	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	-2.15	-0.003069	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	-3.12	-0.004454	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	-3.89	-0.005553	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	-2.35	-0.003322	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	-2.10	-0.002968	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	0.97	0.001371	±2.5	PASS

Band12	3MHz	QPSK	23095	15RB#0	NV	10	-4.09	-0.005781	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	1.07	0.001512	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-30	-1.62	-0.002267	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-20	-1.29	-0.001805	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	0	0.80	0.001120	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	10	2.39	0.003345	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	20	-2.35	-0.003289	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-30	-3.19	-0.004554	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-20	-3.22	-0.004597	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	0	-2.47	-0.003526	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	10	-2.37	-0.003383	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	20	-2.19	-0.003126	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-30	2.92	0.004127	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-20	-2.35	-0.003322	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	0	1.03	0.001456	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	10	2.25	0.003180	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	20	1.72	0.002431	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-30	-2.55	-0.003569	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-20	-1.19	-0.001666	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	0	-1.54	-0.002155	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	10	2.15	0.003009	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	20	2.98	0.004171	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-30	-2.65	-0.003778	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-20	-3.42	-0.004875	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	0	-2.46	-0.003507	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	10	1.23	0.001753	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	20	-3.63	-0.005175	±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	-2.39	-0.003378	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	-1.42	-0.002007	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	-1.72	-0.002431	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	-2.53	-0.003576	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-30	-1.72	-0.002411	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-20	-2.50	-0.003504	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	0	-1.79	-0.002509	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	10	-2.26	-0.003167	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	20	-2.52	-0.003532	±2.5	PASS

Band12	5MHz	16QAM	23035	25RB#0	NV	-30	2.03	0.002894	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-20	-1.32	-0.001882	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	0	-1.60	-0.002281	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	10	-3.00	-0.004277	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	20	-2.03	-0.002894	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-30	-2.27	-0.003208	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-20	-2.73	-0.003859	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	0	-3.52	-0.004975	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	10	-2.17	-0.003067	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	20	-1.93	-0.002728	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-30	-2.63	-0.003686	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-20	-1.56	-0.002186	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	0	-1.44	-0.002018	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	10	-2.30	-0.003224	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	20	1.26	0.001766	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-1.33	-0.001889	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	-1.79	-0.002543	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-1.66	-0.002358	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	1.33	0.001889	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	-1.79	-0.002543	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-2.09	-0.002954	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-3.25	-0.004594	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-2.47	-0.003491	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-2.39	-0.003378	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-3.00	-0.004240	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-2.63	-0.003699	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-5.14	-0.007229	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-3.48	-0.004895	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-4.01	-0.005640	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-4.28	-0.006020	±2.5	PASS

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