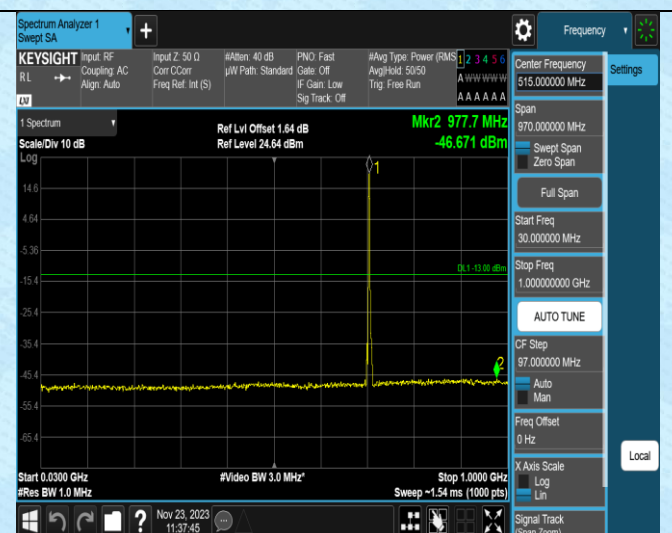


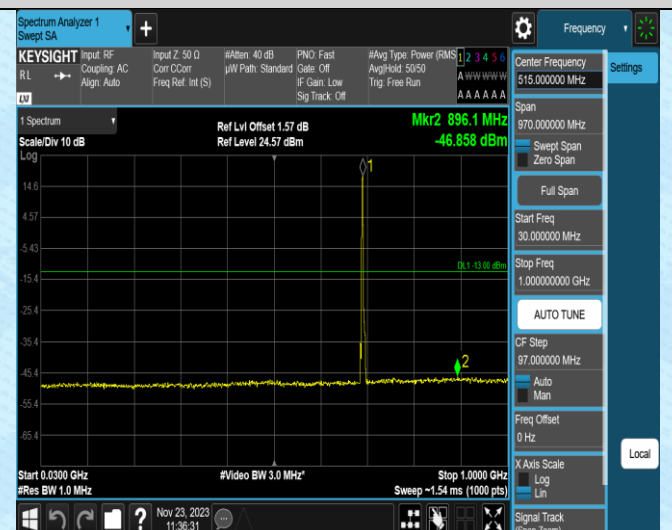
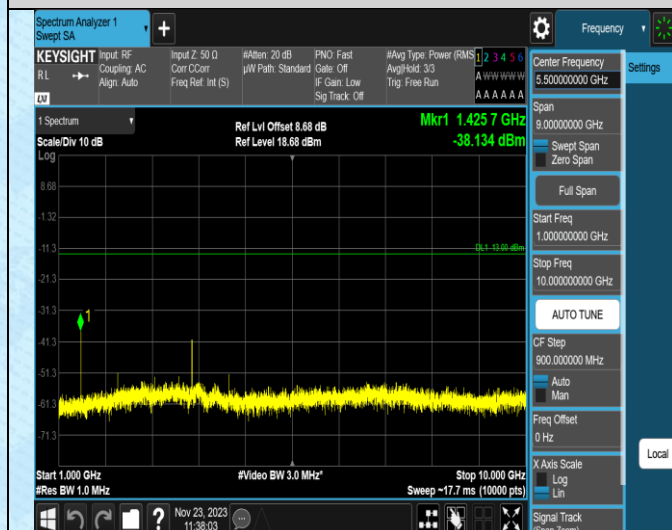


Band12-3MHz-QPSK-23165-1RB#0-Range3:1000~100

00MHz

Band12-3MHz-16QAM-23025-1RB#0-Range2:30~1000

MHz

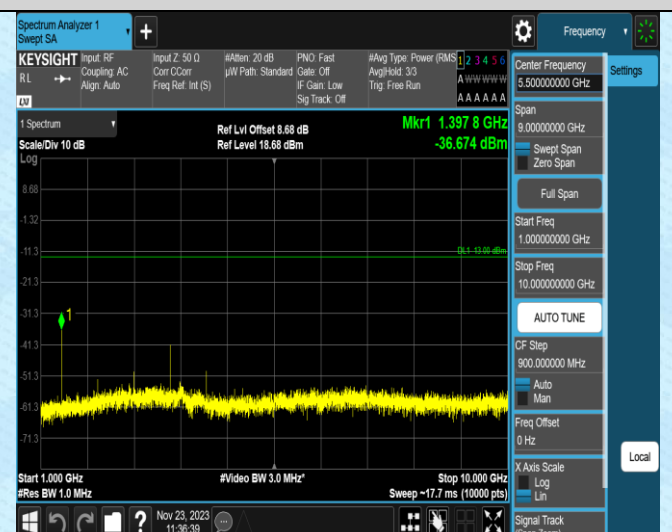


Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000

MHz

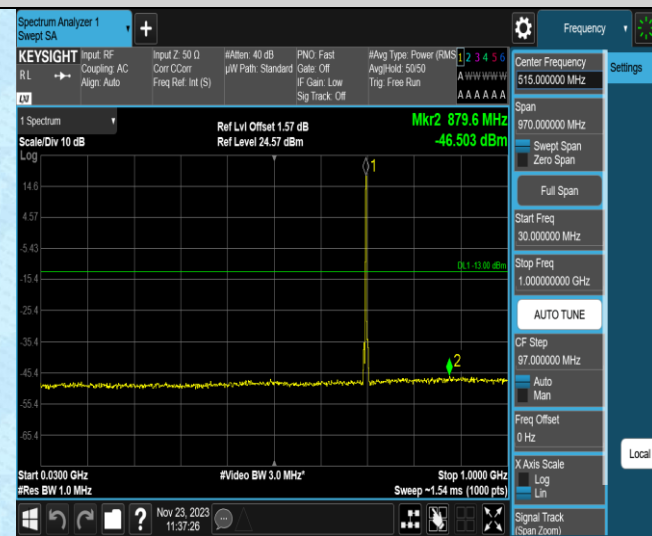
Band12-3MHz-16QAM-23025-1RB#0-Range3:1000~10

000MHz



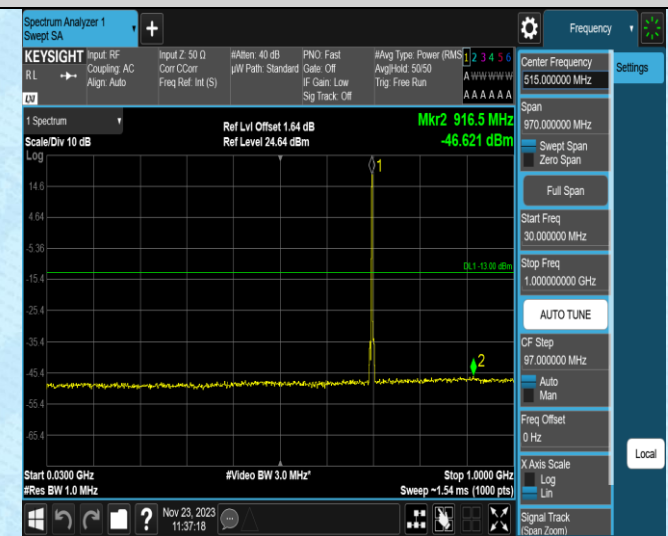
Band12-3MHz-16QAM-23095-1RB#0-Range2:30~1000

MHz



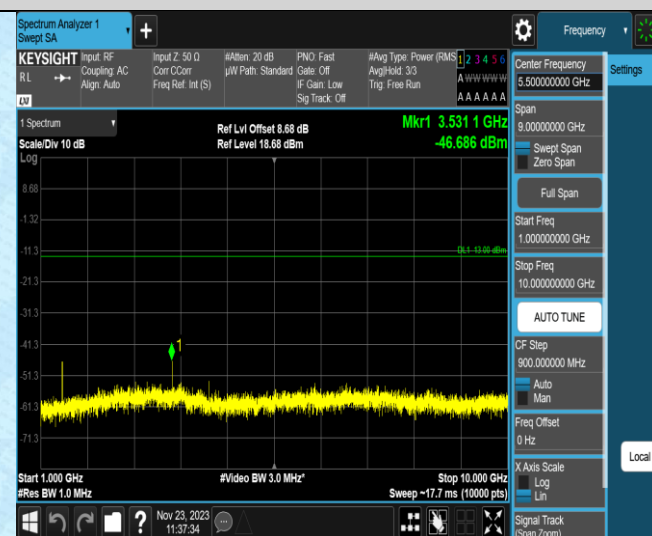
Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000

MHz



Band12-3MHz-16QAM-23095-1RB#0-Range3:1000~10

000MHz



Band12-3MHz-16QAM-23165-1RB#0-Range2:30~1000

MHz



Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000

MHz



Band12-3MHz-16QAM-23165-1RB#0-Range3:1000~10

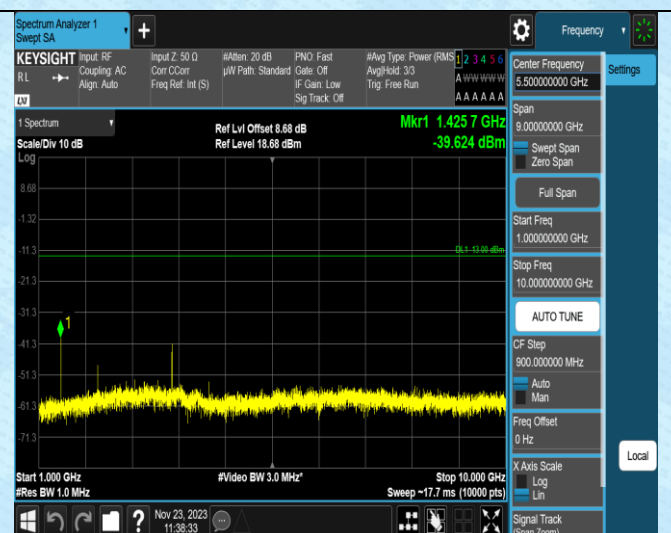
000MHz





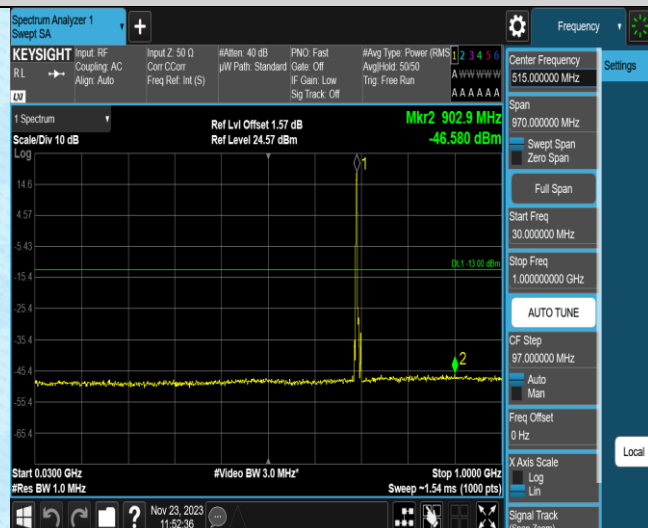
Band12-5MHz-QPSK-23035-1RB#0-Range2:30~100M

Hz



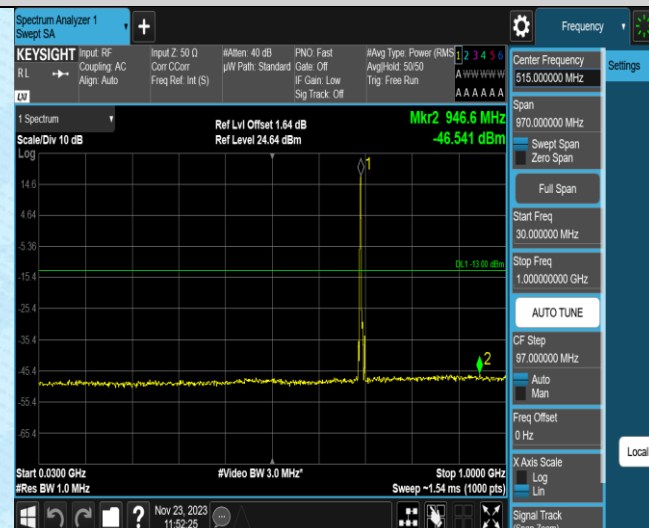
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~100M

Hz



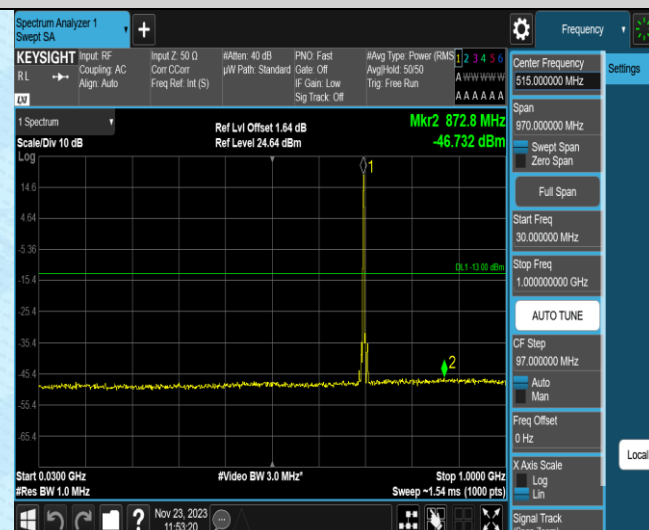
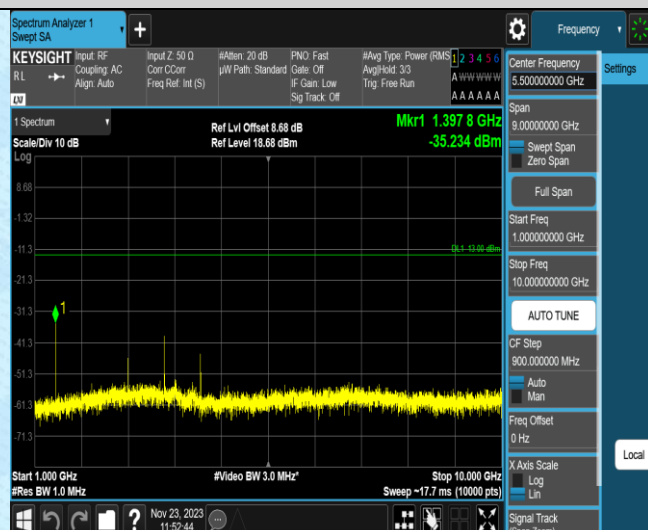
Band12-5MHz-QPSK-23035-1RB#0-Range3:1000~100

00MHz



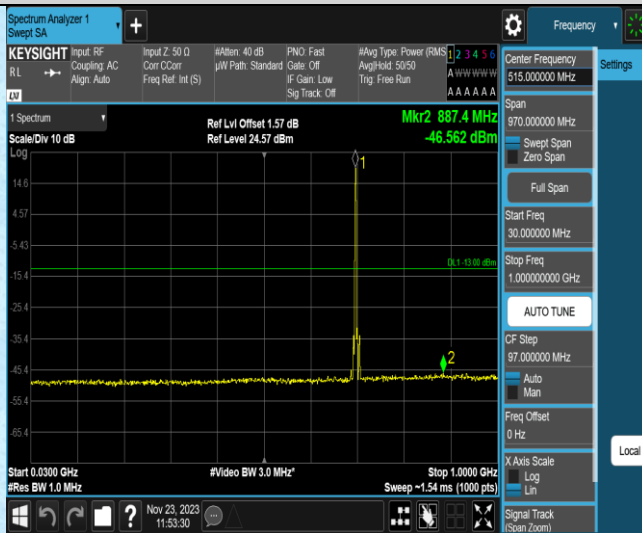
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~100M

Hz



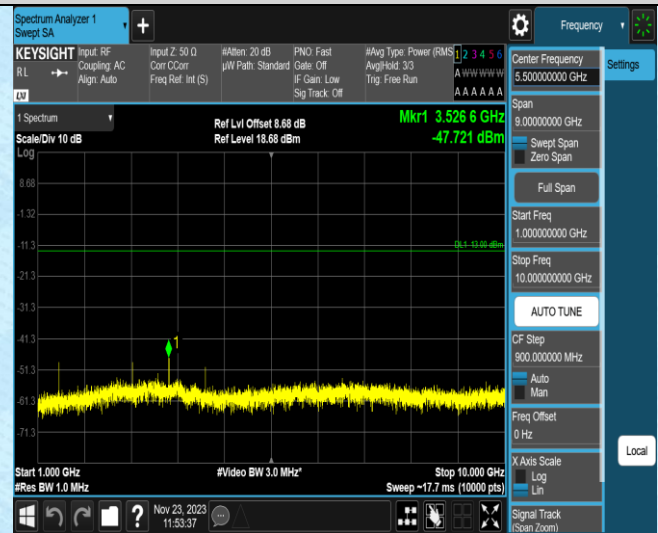
Band12-5MHz-QPSK-23095-1RB#0-Range2:30~1000M

Hz



Band12-5MHz-QPSK-23095-1RB#0-Range3:1000~100

00MHz



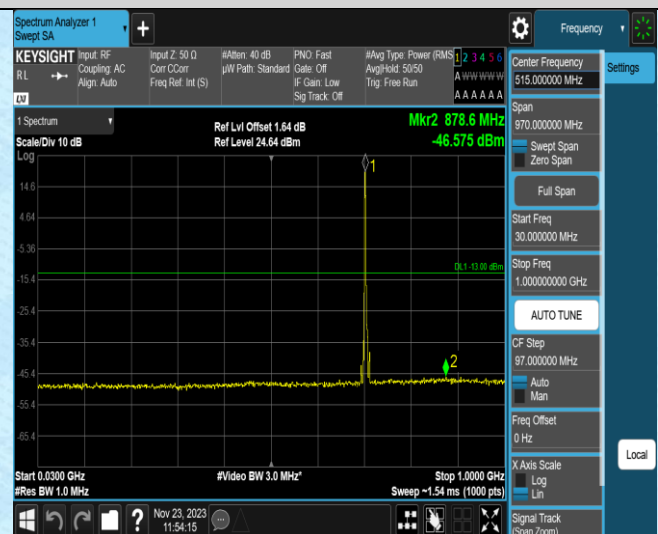
Band12-5MHz-QPSK-23155-1RB#0-Range2:30~1000M

Hz



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

Hz

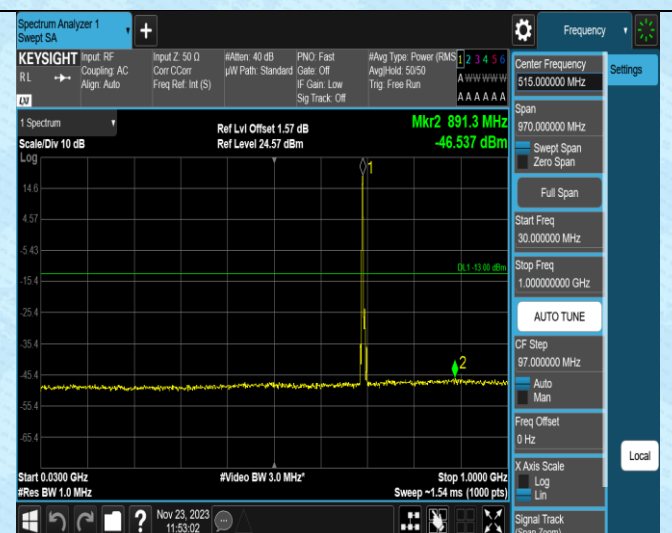
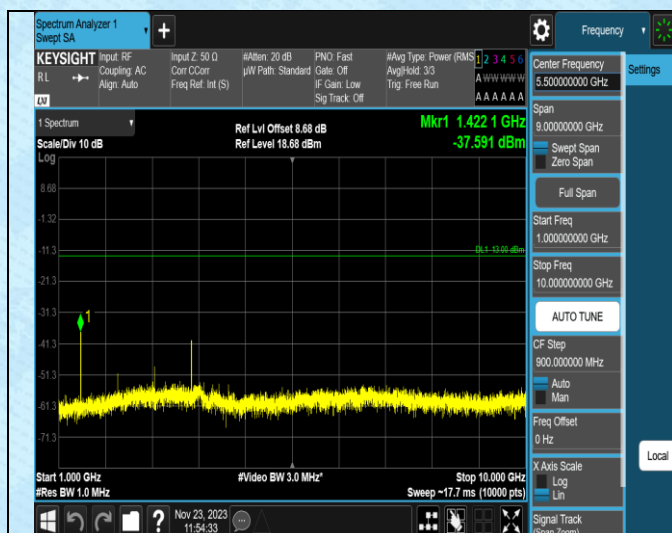


Band12-5MHz-QPSK-23155-1RB#0-Range3:1000~100

00MHz

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

MHz

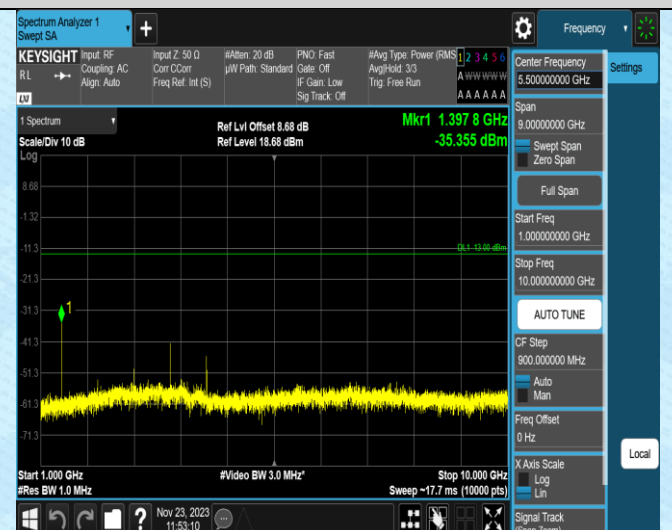
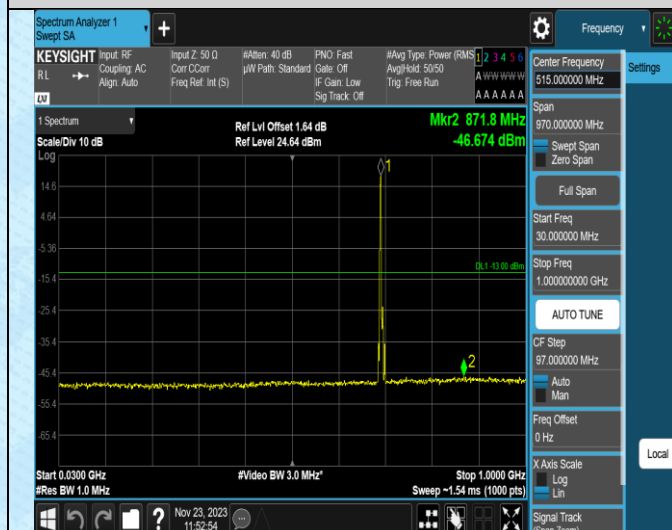


Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000

MHz

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

000MHz

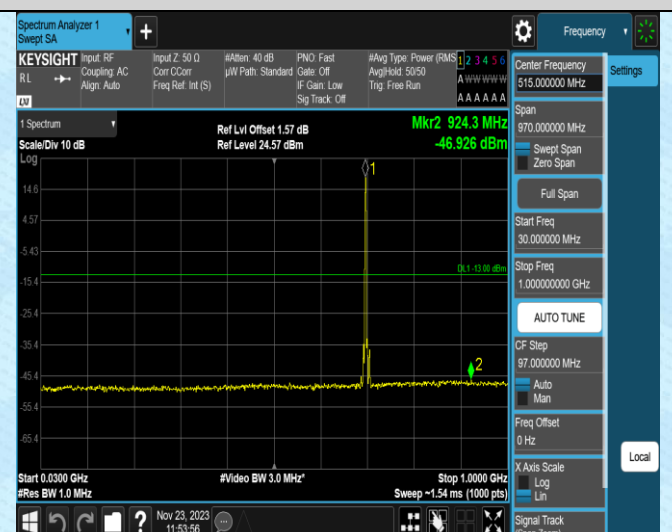


Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000

MHz

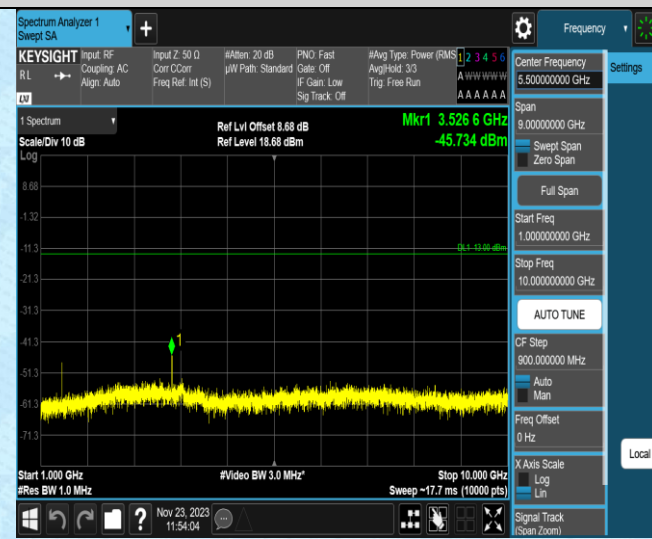
Band12-5MHz-16QAM-23095-1RB#0-Range2:30~1000

MHz



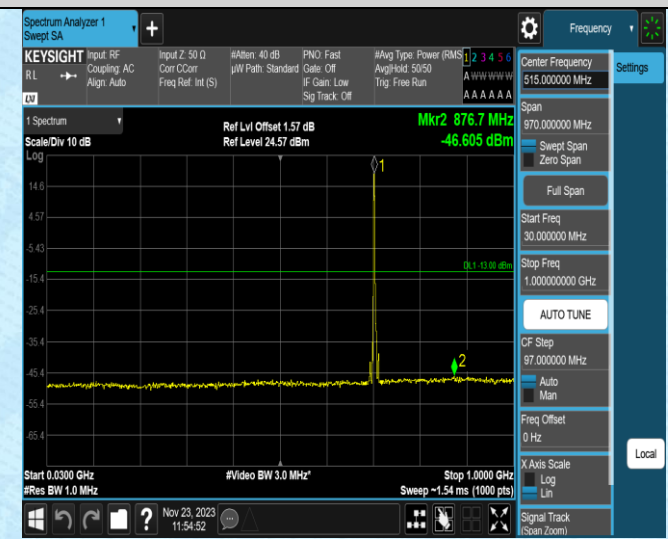
Band12-5MHz-16QAM-23095-1RB#0-Range3:1000~10

000MHz



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

MHz



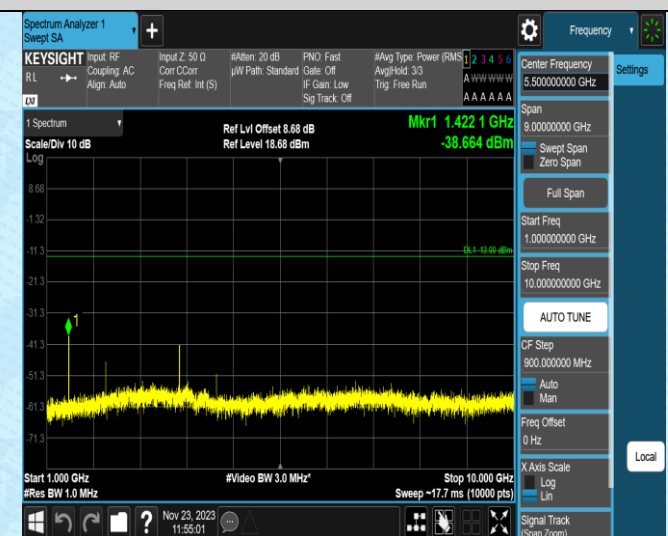
Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000

MHz



Band12-5MHz-16QAM-23155-1RB#0-Range3:1000~10

000MHz



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

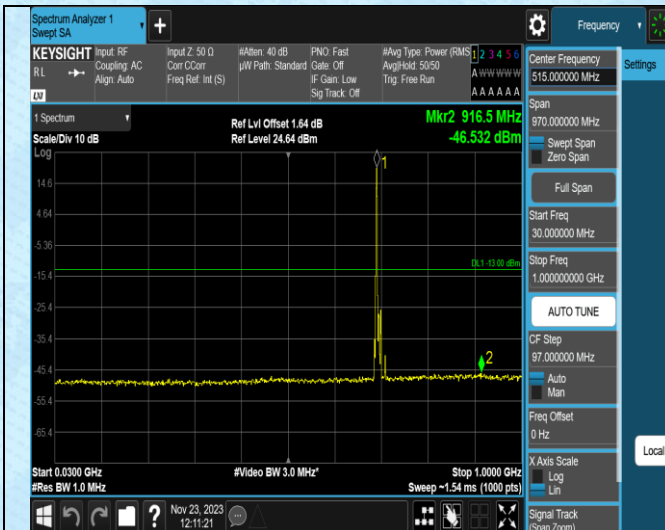
MHz



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

MHz



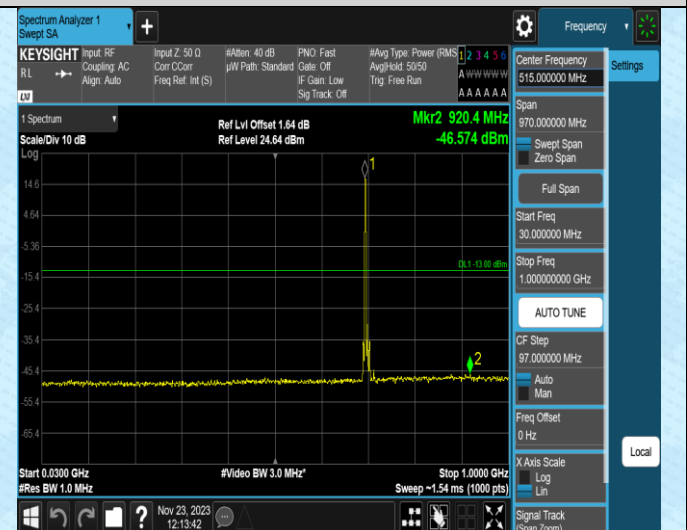
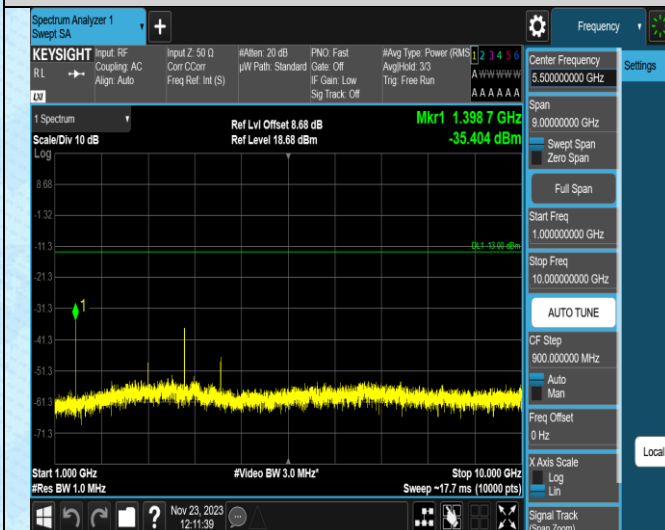


Band12-10MHz-QPSK-23060-1RB#0-Range3:1000~10

000MHz

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

MHz

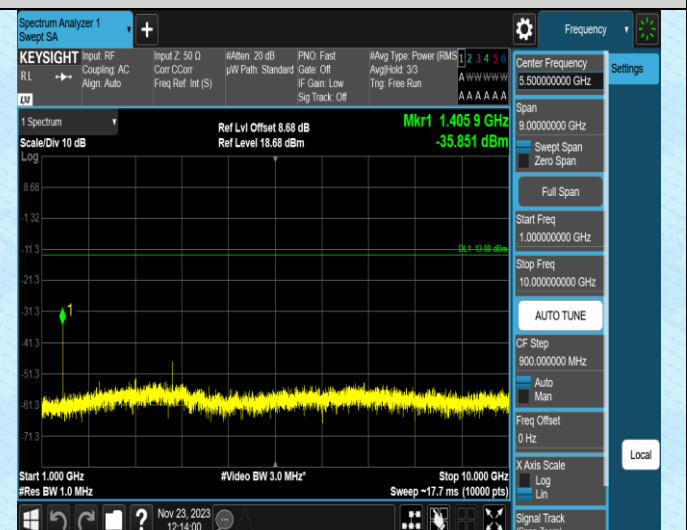
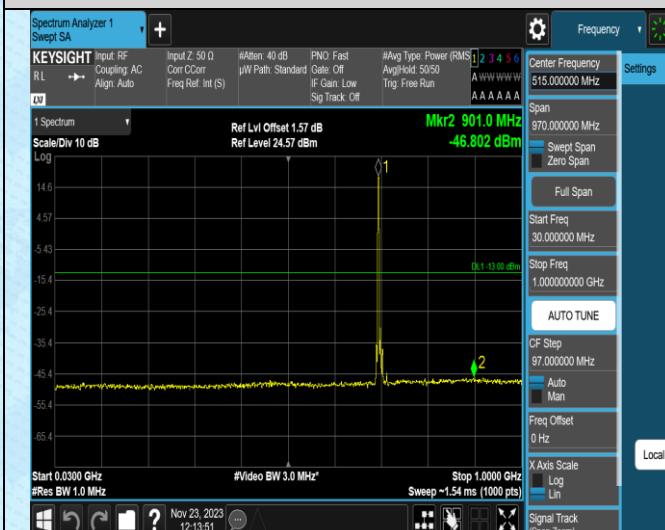


Band12-10MHz-QPSK-23095-1RB#0-Range2:30~1000

MHz

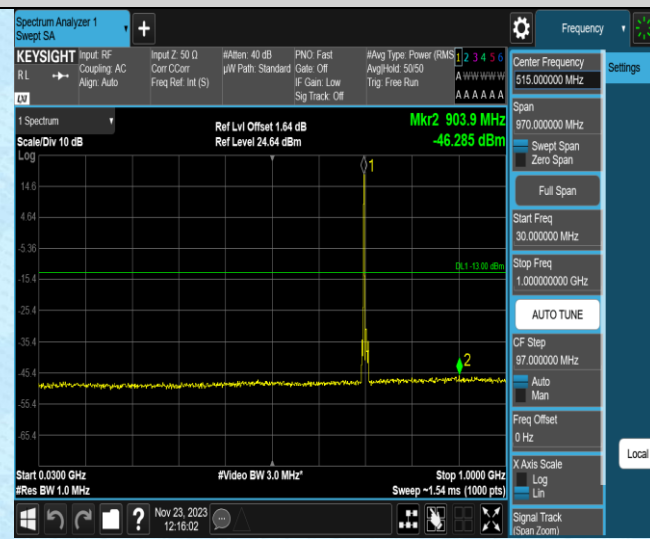
Band12-10MHz-QPSK-23095-1RB#0-Range3:1000~10

000MHz



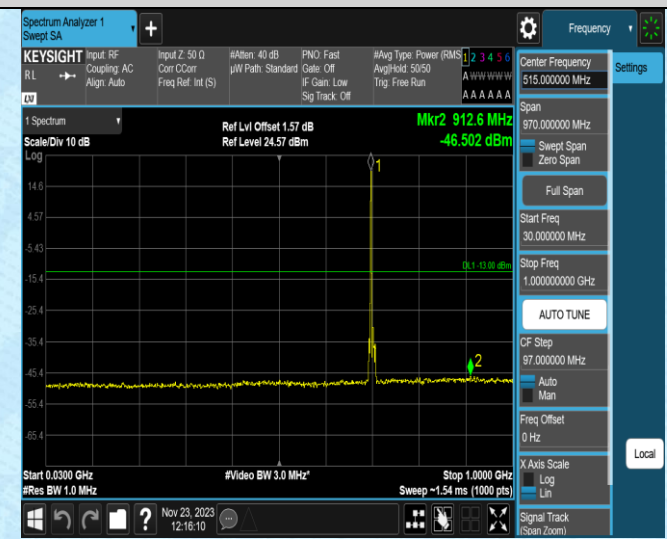
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000

MHz



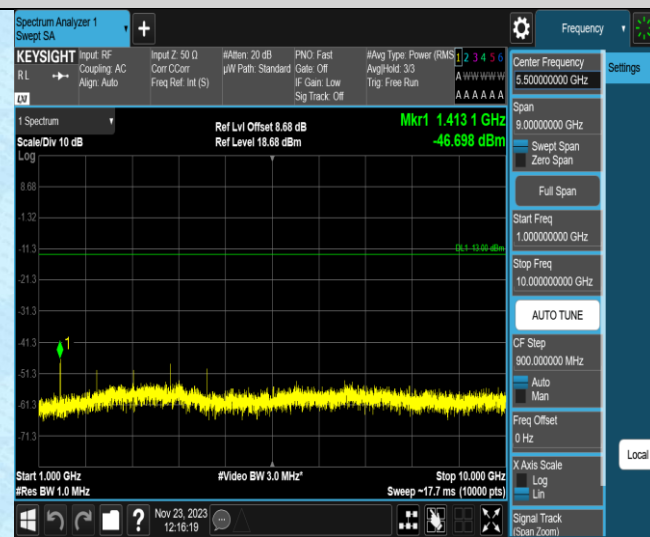
Band12-10MHz-QPSK-23130-1RB#0-Range2:30~1000

MHz



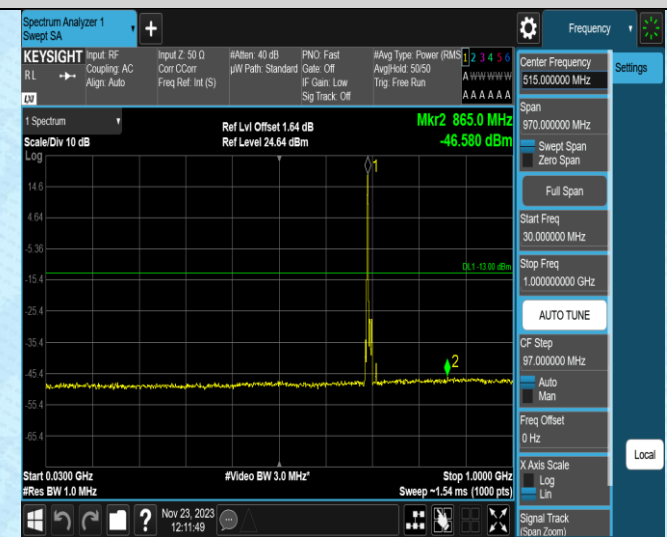
Band12-10MHz-QPSK-23130-1RB#0-Range3:1000~10

000MHz



Band12-10MHz-16QAM-23060-1RB#0-Range1:30~100

0MHz

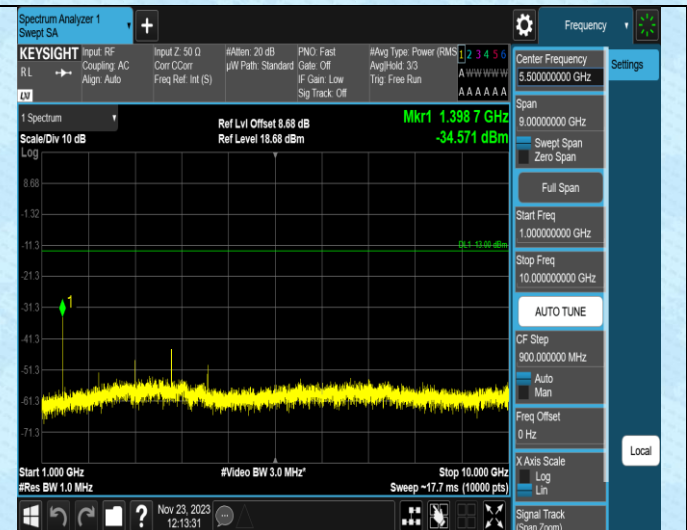
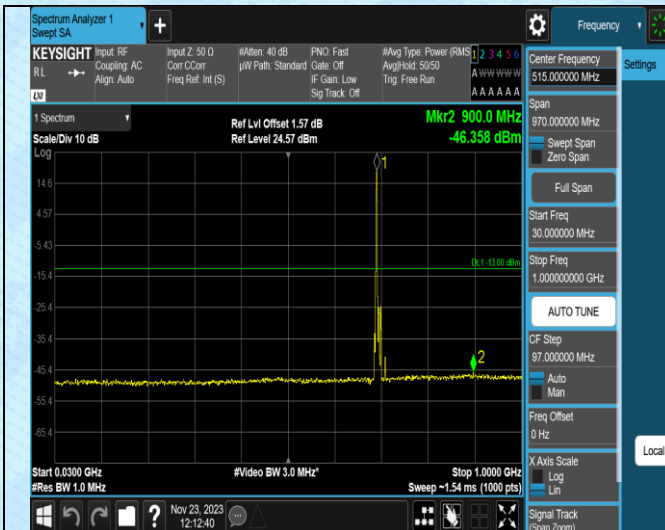


Band12-10MHz-16QAM-23060-1RB#0-Range2:30~100

0MHz

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

0000MHz

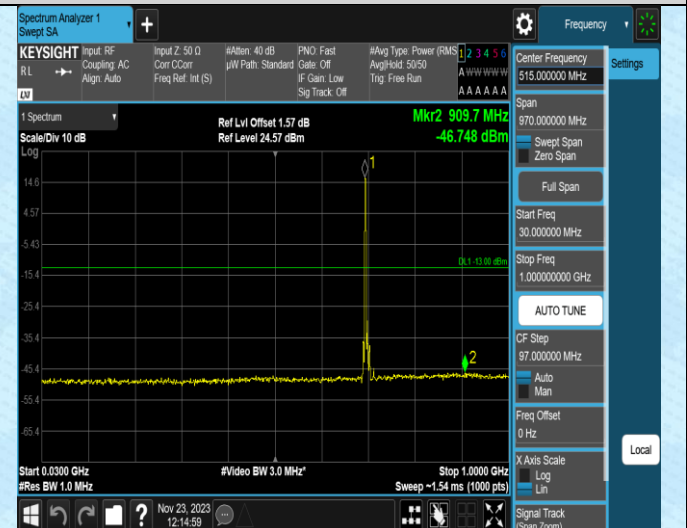
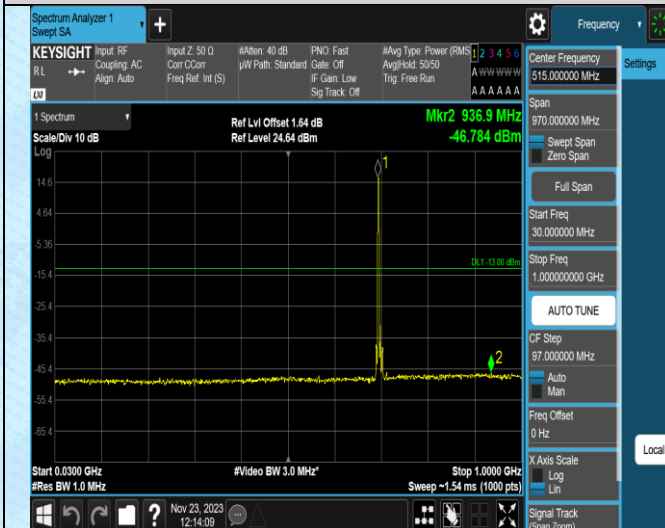


Band12-10MHz-16QAM-23095-1RB#0-Range1:30~100

0MHz

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

0MHz

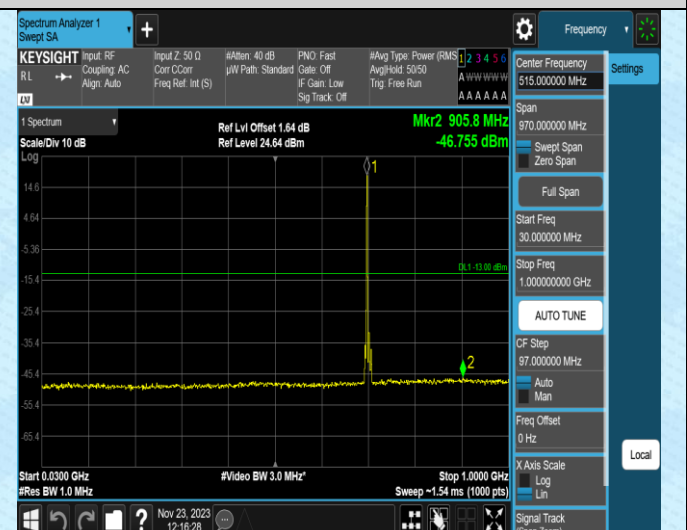
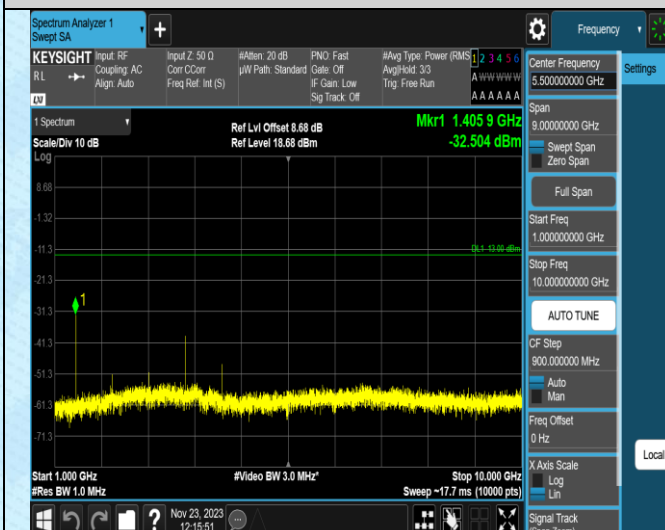


Band12-10MHz-16QAM-23095-1RB#0-Range3:1000~1

0000MHz

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

0MHz

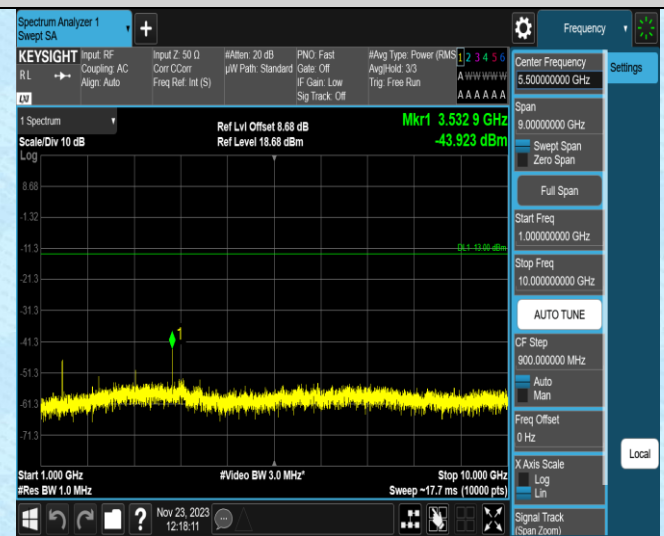
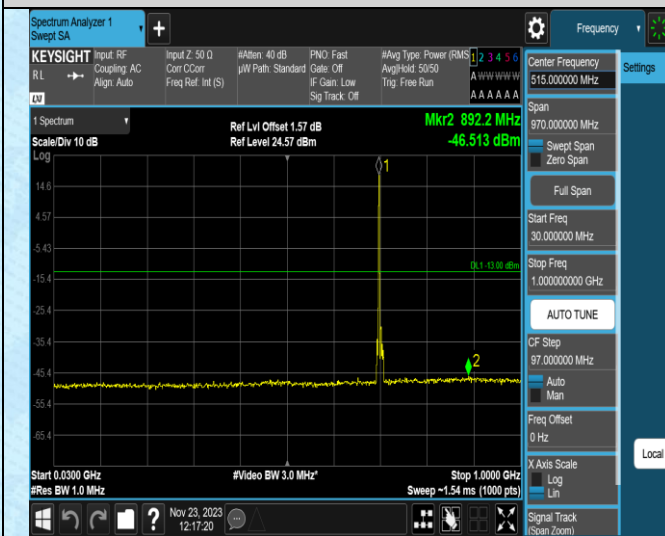


Band12-10MHz-16QAM-23130-1RB#0-Range2:30~100

0MHz

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

0000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth h	Modulation n	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	-1.82	-0.002601	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	-3.25	-0.004645	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	-3.02	-0.004316	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	-2.69	-0.003802	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	-1.50	-0.002120	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	-3.13	-0.004424	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	-3.19	-0.004460	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	-2.98	-0.004166	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	-2.26	-0.003160	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	-2.79	-0.003987	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-3.02	-0.004316	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	-2.93	-0.004188	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	-1.83	-0.002587	±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	-2.09	-0.002954	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	-1.95	-0.002726	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	-1.16	-0.001622	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-3.26	-0.004558	±2.5	PASS

Band12	3MHz	QPSK	23025	15RB#0	VL	NT	-2.69	-0.003840	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	-3.19	-0.004554	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	-3.20	-0.004568	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	-2.89	-0.004085	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	-2.75	-0.003887	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-1.34	-0.001894	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VL	NT	-1.23	-0.001721	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VN	NT	-2.00	-0.002799	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	-3.02	-0.004227	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VL	NT	-2.56	-0.003655	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VN	NT	-2.85	-0.004069	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VH	NT	-1.69	-0.002413	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VL	NT	-3.75	-0.005300	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VN	NT	-3.89	-0.005498	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VH	NT	-4.25	-0.006007	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VL	NT	-1.63	-0.002281	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VN	NT	1.44	0.002015	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VH	NT	2.72	0.003807	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VL	NT	-2.53	-0.003607	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	-2.70	-0.003849	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VH	NT	-2.53	-0.003607	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	-3.53	-0.004989	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	-2.92	-0.004127	±2.5	PASS

Band12	5MHz	QPSK	23095	25RB#0	VH	NT	1.24	0.001753	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	-1.92	-0.002691	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	-3.18	-0.004457	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	-1.70	-0.002383	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VL	NT	-3.66	-0.005217	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VN	NT	-2.52	-0.003592	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VH	NT	-2.20	-0.003136	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VL	NT	-2.89	-0.004085	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VN	NT	1.30	0.001837	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VH	NT	-2.73	-0.003859	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VL	NT	-3.32	-0.004653	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VN	NT	-2.50	-0.003504	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VH	NT	-2.73	-0.003826	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	-2.19	-0.003111	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	-1.90	-0.002699	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-2.82	-0.004006	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-1.39	-0.001965	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	1.76	0.002488	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-2.02	-0.002855	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-1.75	-0.002461	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-4.12	-0.005795	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-3.02	-0.004248	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#0	VL	NT	-2.05	-0.002912	±2.5	PASS

Band12	10MHz	16QAM	23060	27RB#0	VN	NT	-2.59	-0.003679	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#0	VH	NT	1.13	0.001605	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#23	VL	NT	1.97	0.002798	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#23	VN	NT	-2.59	-0.003679	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#23	VH	NT	-2.55	-0.003622	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#0	VL	NT	-3.16	-0.004466	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#0	VN	NT	-3.49	-0.004933	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#0	VH	NT	1.16	0.001640	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#23	VL	NT	2.36	0.003336	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#23	VN	NT	1.10	0.001555	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#23	VH	NT	1.29	0.001823	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#0	VL	NT	-2.78	-0.003910	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#0	VN	NT	-5.69	-0.008003	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#0	VH	NT	-3.06	-0.004304	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#23	VL	NT	-3.73	-0.005246	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#23	VN	NT	-2.20	-0.003094	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#23	VH	NT	-3.46	-0.004866	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-30	-3.12	-0.004459	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	-1.69	-0.002415	±2.5	PASS

Band12	1.4MHz	QPSK	23017	6RB#0	NV	-10	-4.12	-0.005888	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-3.36	-0.004802	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	-2.72	-0.003887	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-3.40	-0.004859	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	30	-2.29	-0.003273	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	40	-2.36	-0.003373	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	50	-2.82	-0.004030	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-2.22	-0.003138	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-1.19	-0.001682	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-10	-2.65	-0.003746	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-2.65	-0.003746	±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	-3.72	-0.005258	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	-2.72	-0.003845	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	-3.00	-0.004240	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	50	-2.88	-0.004071	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	-2.07	-0.002894	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-1.67	-0.002335	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-10	-1.62	-0.002265	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	-3.59	-0.005019	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	1.23	0.001720	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	-2.17	-0.003034	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	30	-2.26	-0.003160	±2.5	PASS

Band12	1.4MHz	QPSK	23173	6RB#0	NV	40	-1.02	-0.001426	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	50	-1.99	-0.002782	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	-3.00	-0.004288	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	-4.92	-0.007032	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-10	-3.06	-0.004373	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	-1.56	-0.002230	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	-2.80	-0.004002	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	-2.32	-0.003316	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	30	-4.85	-0.006932	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	40	-2.65	-0.003787	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	50	-2.50	-0.003573	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	-3.15	-0.004452	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	-2.68	-0.003788	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-10	-1.97	-0.002784	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	1.77	0.002502	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	-2.89	-0.004085	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	-2.73	-0.003859	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	30	-1.85	-0.002615	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	40	-2.82	-0.003986	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	50	-2.72	-0.003845	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	-2.16	-0.003020	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	1.95	0.002726	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-10	-2.49	-0.003481	±2.5	PASS

Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	-2.19	-0.003062	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-2.86	-0.003998	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	1.97	0.002754	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	30	-2.52	-0.003523	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	40	-1.87	-0.002614	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	50	1.80	0.002516	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-30	-2.40	-0.003426	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-20	-2.50	-0.003569	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-10	-1.89	-0.002698	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	-1.57	-0.002241	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	-2.02	-0.002884	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	-2.09	-0.002984	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	30	-3.09	-0.004411	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	40	-4.38	-0.006253	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	50	-3.93	-0.005610	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	-2.86	-0.004042	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	-1.80	-0.002544	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-10	-2.55	-0.003604	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	-2.32	-0.003279	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	1.33	0.001880	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	-3.30	-0.004664	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	30	-1.97	-0.002784	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	40	1.69	0.002389	±2.5	PASS

Band12	3MHz	QPSK	23095	15RB#0	NV	50	-3.28	-0.004636	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-30	-2.46	-0.003443	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-20	2.13	0.002981	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-10	-1.47	-0.002057	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	0	1.06	0.001484	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	10	-1.62	-0.002267	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	20	-2.47	-0.003457	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	30	-1.26	-0.001763	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	40	1.14	0.001596	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	50	1.79	0.002505	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-30	-3.69	-0.005268	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-20	-4.35	-0.006210	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-10	-4.11	-0.005867	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	0	-2.23	-0.003183	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	10	-3.02	-0.004311	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	20	-3.66	-0.005225	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	30	-4.18	-0.005967	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	40	-4.79	-0.006838	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	50	-2.49	-0.003555	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-30	-3.52	-0.004975	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-20	-3.00	-0.004240	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-10	-3.06	-0.004325	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	0	-3.79	-0.005357	±2.5	PASS

Band12	3MHz	16QAM	23095	15RB#0	NV	10	-3.29	-0.004650	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	20	-2.65	-0.003746	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	30	2.00	0.002827	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	40	-2.86	-0.004042	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	50	-3.38	-0.004777	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-30	-1.69	-0.002365	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-20	-2.07	-0.002897	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-10	1.30	0.001819	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	0	-1.95	-0.002729	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	10	-1.50	-0.002099	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	20	1.95	0.002729	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	30	2.79	0.003905	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	40	-1.95	-0.002729	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	50	-1.17	-0.001638	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-30	-2.92	-0.004163	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-20	-3.58	-0.005103	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-10	-2.23	-0.003179	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	0	-3.02	-0.004305	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	10	-1.47	-0.002096	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	20	-1.97	-0.002808	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	30	-2.06	-0.002937	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	40	-2.85	-0.004063	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	50	-2.30	-0.003279	±2.5	PASS

Band12	5MHz	QPSK	23095	25RB#0	NV	-30	-1.90	-0.002686	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	1.42	0.002007	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-10	-1.82	-0.002572	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	-2.22	-0.003138	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	-2.13	-0.003011	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	-2.93	-0.004141	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	30	2.39	0.003378	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	40	1.03	0.001456	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	50	2.32	0.003279	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-30	1.85	0.002593	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-20	-1.32	-0.001850	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-10	1.53	0.002144	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	0	-2.00	-0.002803	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	10	-1.75	-0.002453	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	20	-1.92	-0.002691	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	30	-2.39	-0.003350	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	40	2.90	0.004064	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	50	-2.43	-0.003406	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-30	-1.86	-0.002651	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-20	-2.17	-0.003093	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-10	-1.80	-0.002566	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	0	-3.18	-0.004533	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	10	1.95	0.002780	±2.5	PASS

Band12	5MHz	16QAM	23035	25RB#0	NV	20	-1.60	-0.002281	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	30	-2.07	-0.002951	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	40	-2.59	-0.003692	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	50	-3.69	-0.005260	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-30	-3.59	-0.005074	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-20	-3.20	-0.004523	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-10	-1.82	-0.002572	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	0	-2.43	-0.003435	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	10	-2.92	-0.004127	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	20	-2.60	-0.003675	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	30	-2.09	-0.002954	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	40	-2.07	-0.002926	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	50	-1.50	-0.002120	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-30	-2.53	-0.003546	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-20	1.39	0.001948	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-10	-1.62	-0.002270	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	0	-3.35	-0.004695	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	10	-3.18	-0.004457	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	20	-2.27	-0.003181	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	30	-1.59	-0.002228	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	40	-2.60	-0.003644	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	50	-2.93	-0.004107	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-2.92	-0.004148	±2.5	PASS

Band12	10MHz	QPSK	23060	50RB#0	NV	-20	4.09	0.005810	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-10	-2.42	-0.003438	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-3.40	-0.004830	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	-2.59	-0.003679	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	-2.83	-0.004020	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	-4.06	-0.005767	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	-1.66	-0.002358	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	-2.16	-0.003068	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	1.54	0.002177	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-1.50	-0.002120	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-2.49	-0.003519	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-1.93	-0.002728	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-3.00	-0.004240	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-1.62	-0.002290	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-3.05	-0.004311	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-3.02	-0.004269	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-1.49	-0.002106	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-2.13	-0.002996	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-3.38	-0.004754	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	-4.23	-0.005949	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-3.05	-0.004290	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-3.10	-0.004360	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-2.15	-0.003024	±2.5	PASS

Band12	10MHz	QPSK	23130	50RB#0	NV	30	-4.05	-0.005696	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	-1.72	-0.002419	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-1.53	-0.002152	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#0	NV	-30	-3.30	-0.004688	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#0	NV	-20	-2.02	-0.002869	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#0	NV	-10	-3.06	-0.004347	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#0	NV	0	2.35	0.003338	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#0	NV	10	1.82	0.002585	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#0	NV	20	-2.43	-0.003452	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#0	NV	30	-1.87	-0.002656	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#0	NV	40	-2.52	-0.003580	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#0	NV	50	-2.23	-0.003168	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#23	NV	-30	-2.32	-0.003295	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#23	NV	-20	-2.79	-0.003963	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#23	NV	-10	-2.15	-0.003054	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#23	NV	0	-1.77	-0.002514	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#23	NV	10	-2.03	-0.002884	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#23	NV	20	-3.55	-0.005043	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#23	NV	30	-1.95	-0.002770	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#23	NV	40	-2.33	-0.003310	±2.5	PASS
Band12	10MHz	16QAM	23060	27RB#23	NV	50	-3.16	-0.004489	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#0	NV	-30	0.67	0.000947	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#0	NV	-20	-1.90	-0.002686	±2.5	PASS

Band12	10MHz	16QAM	23095	27RB#0	NV	-10	-3.18	-0.004495	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#0	NV	0	-2.80	-0.003958	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#0	NV	10	-1.14	-0.001611	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#0	NV	20	-1.43	-0.002021	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#0	NV	30	-2.09	-0.002954	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#0	NV	40	-2.70	-0.003816	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#0	NV	50	-2.29	-0.003237	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#23	NV	-30	-1.62	-0.002290	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#23	NV	-20	-2.73	-0.003859	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#23	NV	-10	-2.15	-0.003039	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#23	NV	0	2.17	0.003067	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#23	NV	10	-1.50	-0.002120	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#23	NV	20	-1.86	-0.002629	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#23	NV	30	-1.77	-0.002502	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#23	NV	40	-2.20	-0.003110	±2.5	PASS
Band12	10MHz	16QAM	23095	27RB#23	NV	50	-1.16	-0.001640	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#0	NV	-30	-3.23	-0.004543	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#0	NV	-20	-2.36	-0.003319	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#0	NV	-10	-2.68	-0.003769	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#0	NV	0	-2.53	-0.003558	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#0	NV	10	-3.58	-0.005035	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#0	NV	20	-3.03	-0.004262	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#0	NV	30	-3.32	-0.004669	±2.5	PASS

Band12	10MHz	16QAM	23130	27RB#0	NV	40	-2.37	-0.003333	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#0	NV	50	-0.59	-0.000830	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#23	NV	-30	-2.00	-0.002813	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#23	NV	-20	-2.96	-0.004163	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#23	NV	-10	-2.07	-0.002911	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#23	NV	0	-2.40	-0.003376	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#23	NV	10	-3.15	-0.004430	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#23	NV	20	-2.82	-0.003966	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#23	NV	30	-3.39	-0.004768	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#23	NV	40	-2.49	-0.003502	±2.5	PASS
Band12	10MHz	16QAM	23130	27RB#23	NV	50	-1.93	-0.002714	±2.5	PASS

AppendixG:Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	PASS	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	PASS	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	PASS	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	PASS	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	PASS	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	PASS	PASS
Band12	3MHz	QPSK	23025	15RB#0	PASS	PASS
Band12	3MHz	QPSK	23095	15RB#0	PASS	PASS
Band12	3MHz	QPSK	23165	15RB#0	PASS	PASS
Band12	3MHz	16QAM	23025	15RB#0	PASS	PASS
Band12	3MHz	16QAM	23095	15RB#0	PASS	PASS
Band12	3MHz	16QAM	23165	15RB#0	PASS	PASS
Band12	5MHz	QPSK	23035	25RB#0	PASS	PASS
Band12	5MHz	QPSK	23095	25RB#0	PASS	PASS
Band12	5MHz	QPSK	23155	25RB#0	PASS	PASS
Band12	5MHz	16QAM	23035	25RB#0	PASS	PASS
Band12	5MHz	16QAM	23095	25RB#0	PASS	PASS
Band12	5MHz	16QAM	23155	25RB#0	PASS	PASS
Band12	10MHz	QPSK	23060	50RB#0	PASS	PASS
Band12	10MHz	QPSK	23095	50RB#0	PASS	PASS

Band12	10MHz	QPSK	23130	50RB#0	PASS	PASS
Band12	10MHz	16QAM	23060	27RB#0	PASS	PASS
Band12	10MHz	16QAM	23060	27RB#23	PASS	PASS
Band12	10MHz	16QAM	23095	27RB#0	PASS	PASS
Band12	10MHz	16QAM	23095	27RB#23	PASS	PASS
Band12	10MHz	16QAM	23130	27RB#0	PASS	PASS
Band12	10MHz	16QAM	23130	27RB#23	PASS	PASS