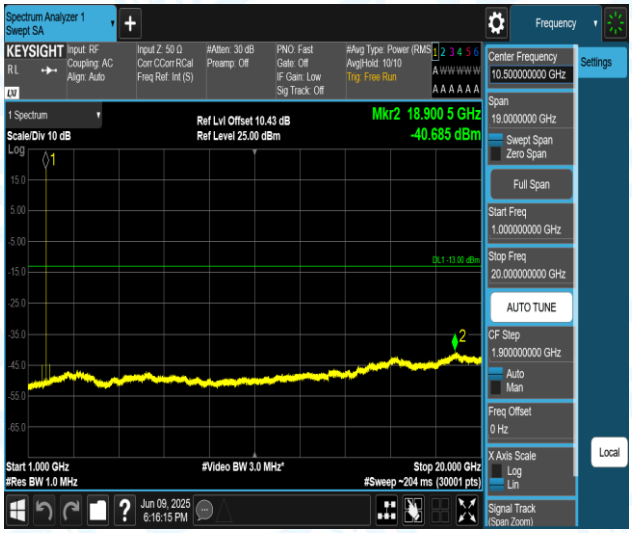
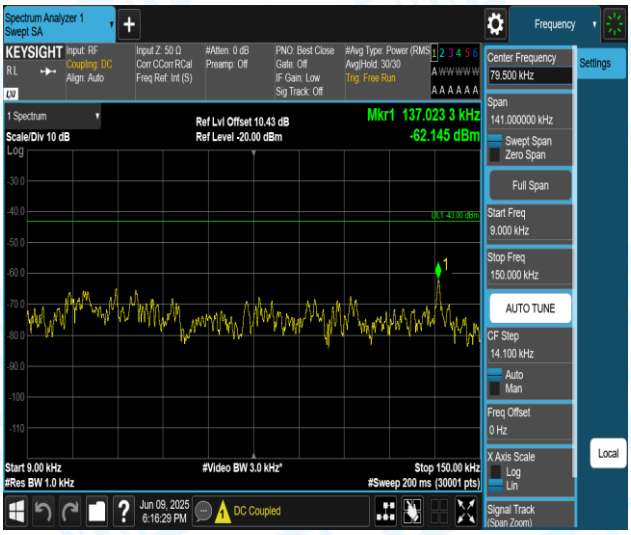
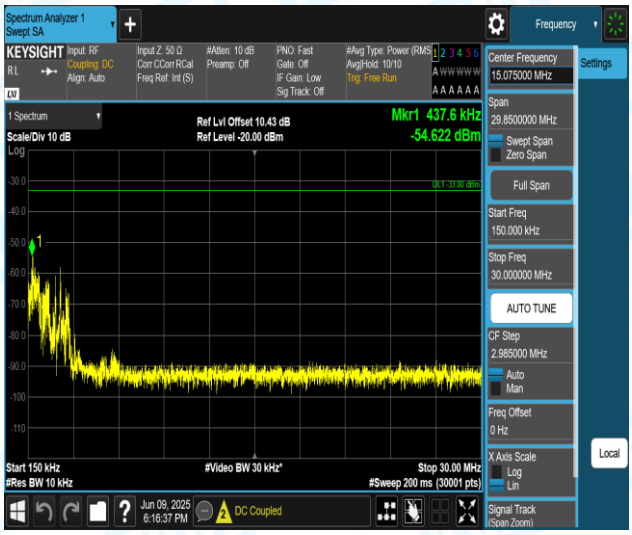
Band4-15MHz-QPSK-20325-PASS



Band4-15MHz-QPSK-20325-PASS

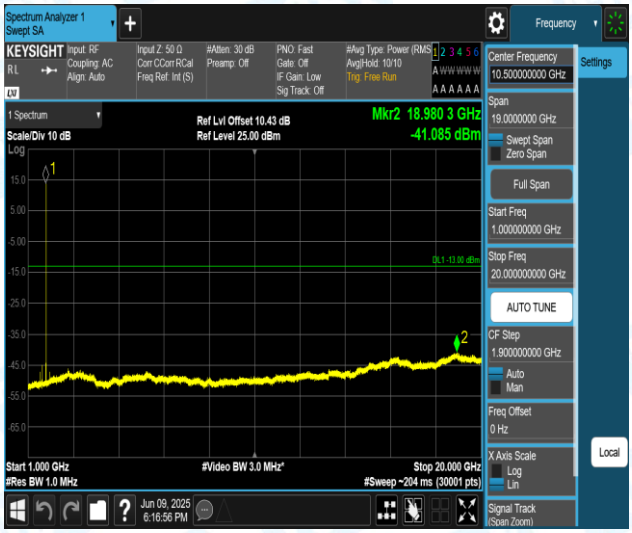


Band4-15MHz-16QAM-20325-PASS

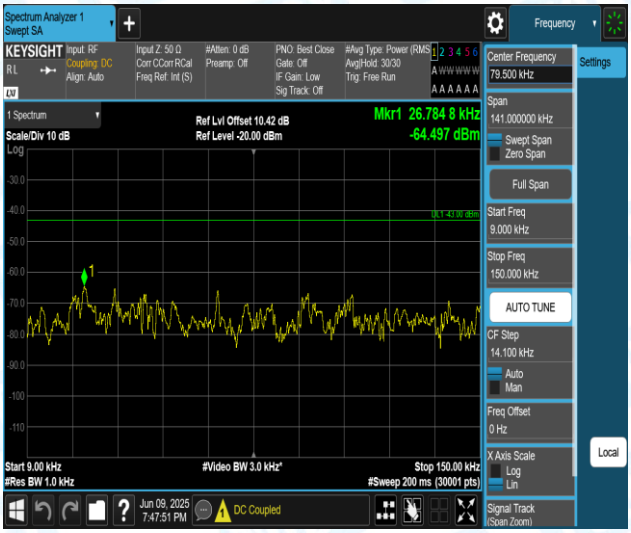


Band4-15MHz-16QAM-20325-PASS

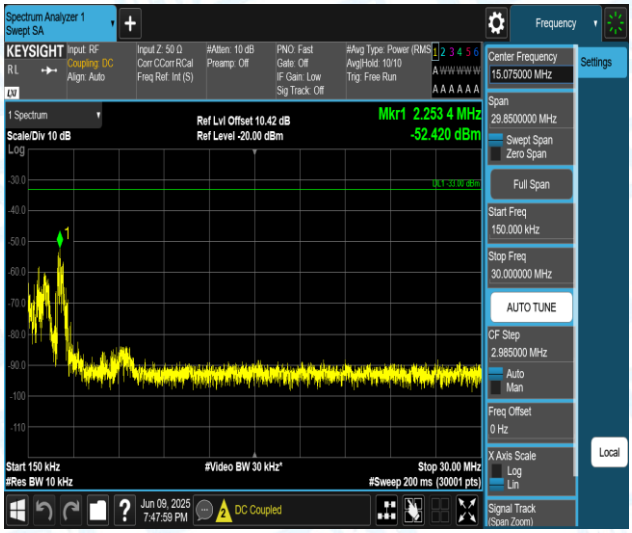
Band4-15MHz-16QAM-20325-PASS



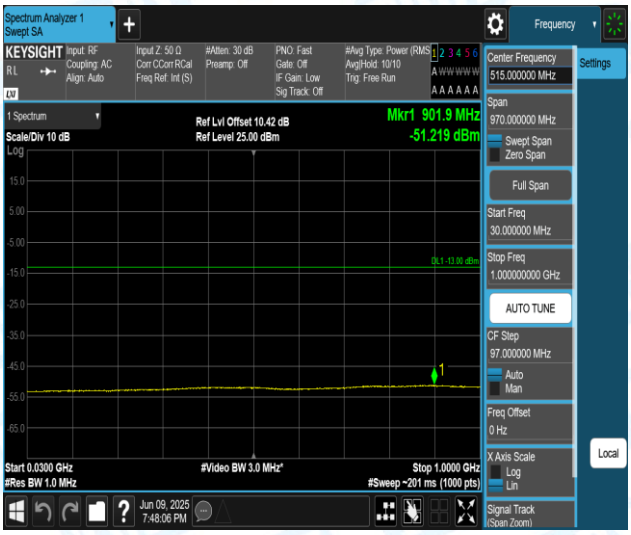
Band4-15MHz-16QAM-20325-PASS



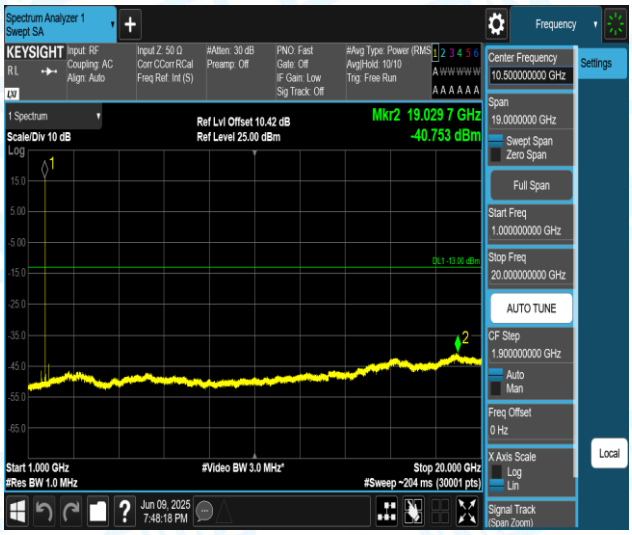
Band4-20MHz-QPSK-20050-PASS



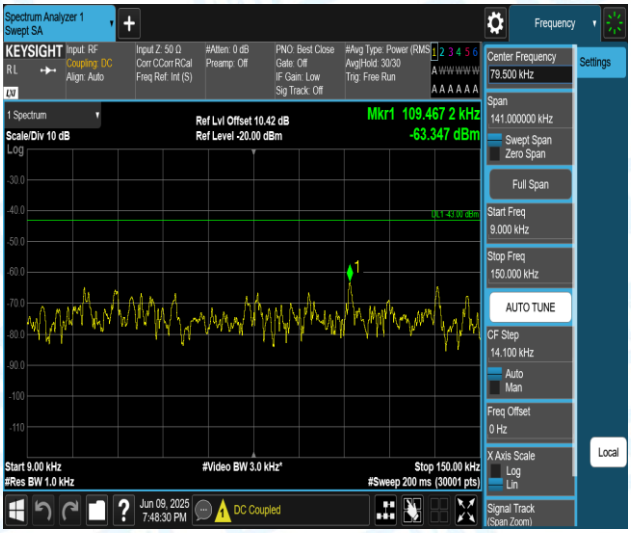
Band4-20MHz-QPSK-20050-PASS



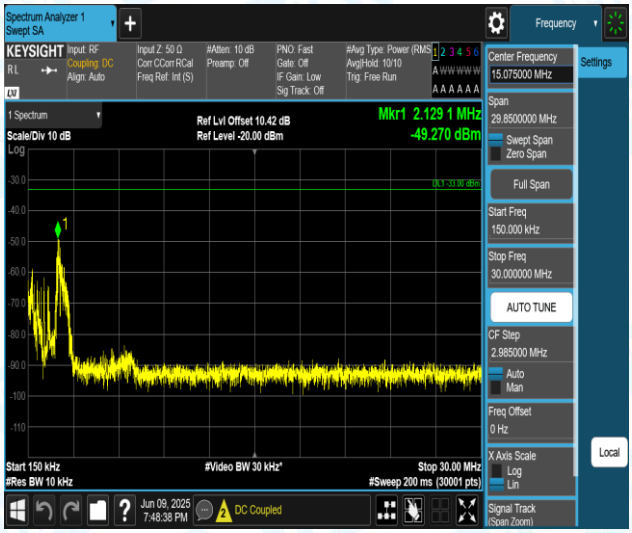
Band4-20MHz-QPSK-20050-PASS



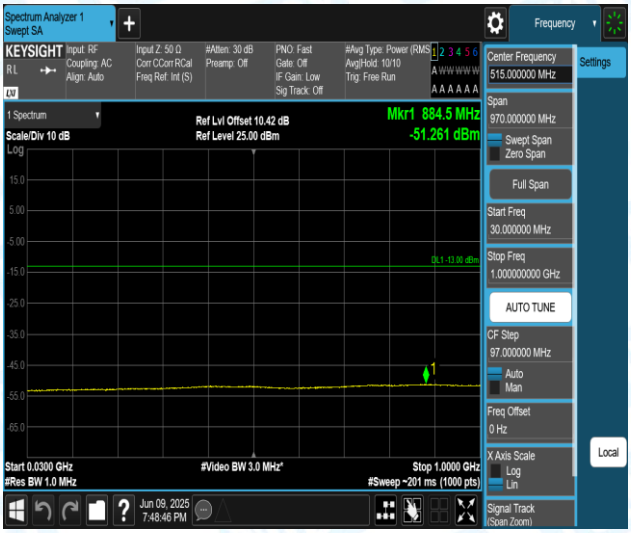
Band4-20MHz-QPSK-20050-PASS



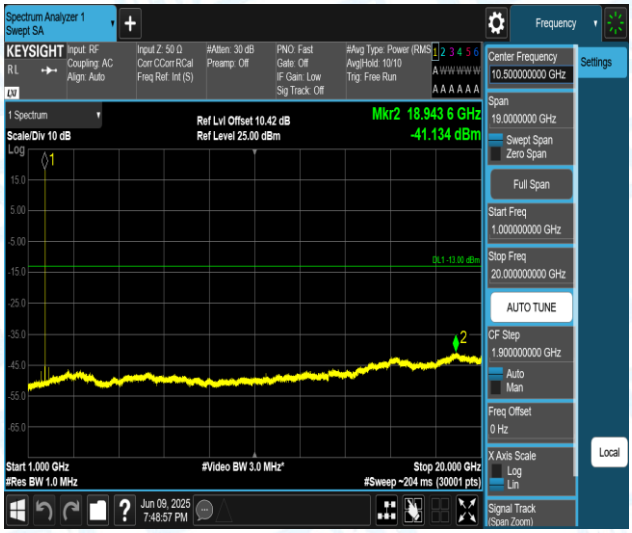
Band4-20MHz-16QAM-20050-PASS



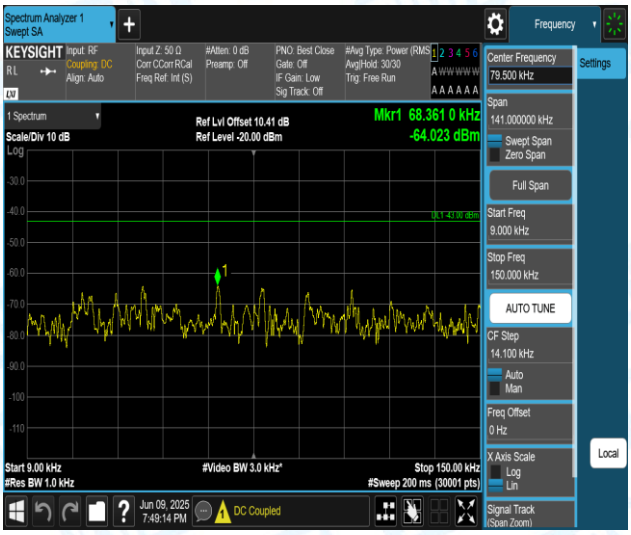
Band4-20MHz-16QAM-20050-PASS



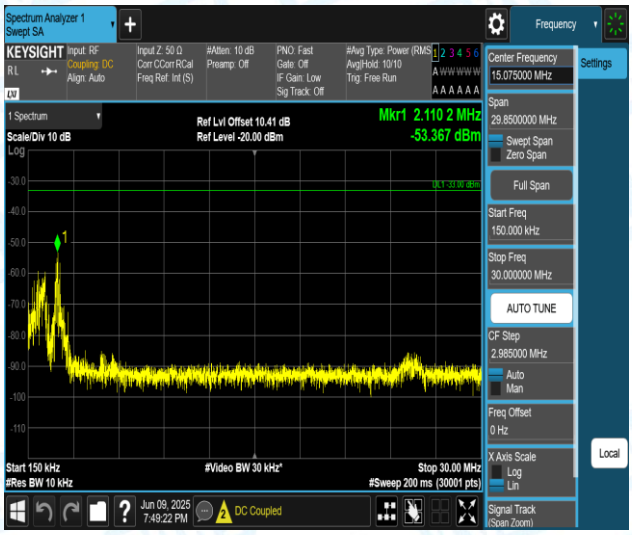
Band4-20MHz-16QAM-20050-PASS



Band4-20MHz-16QAM-20050-PASS

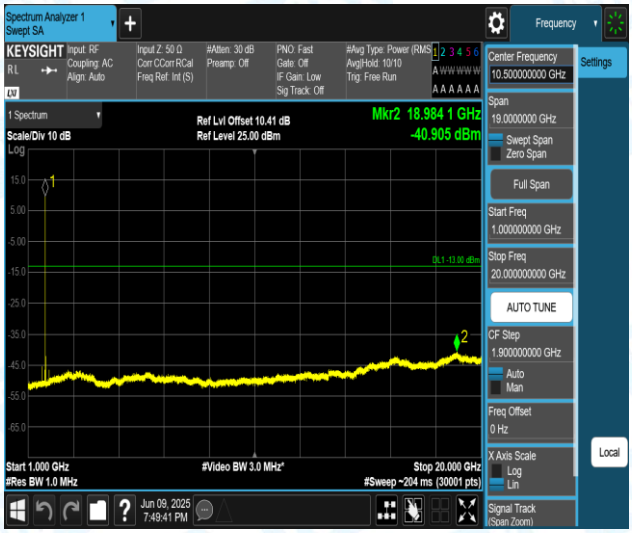


Band4-20MHz-QPSK-20175-PASS

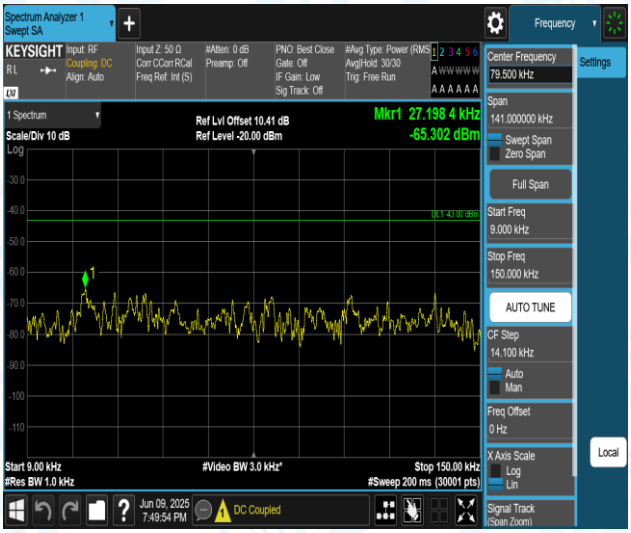


Band4-20MHz-QPSK-20175-PASS

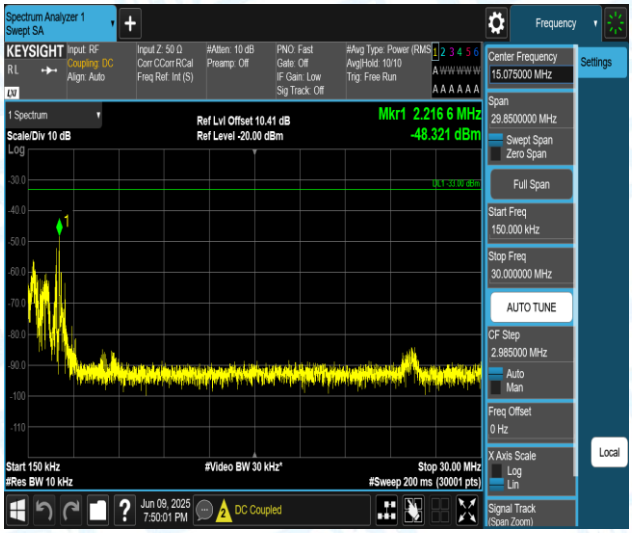
Band4-20MHz-QPSK-20175-PASS



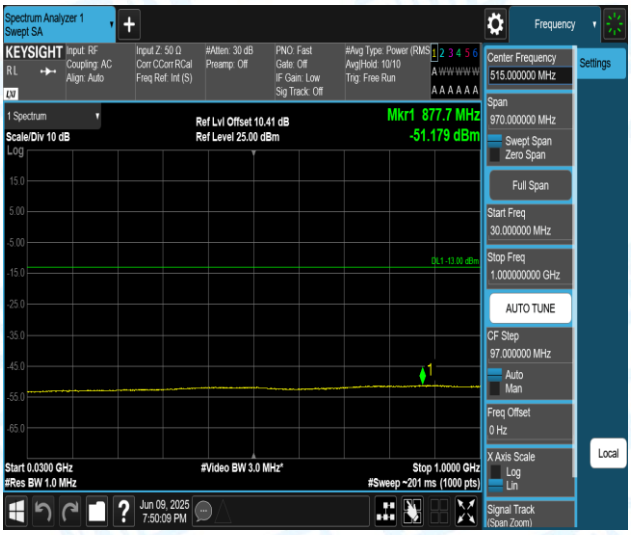
Band4-20MHz-QPSK-20175-PASS



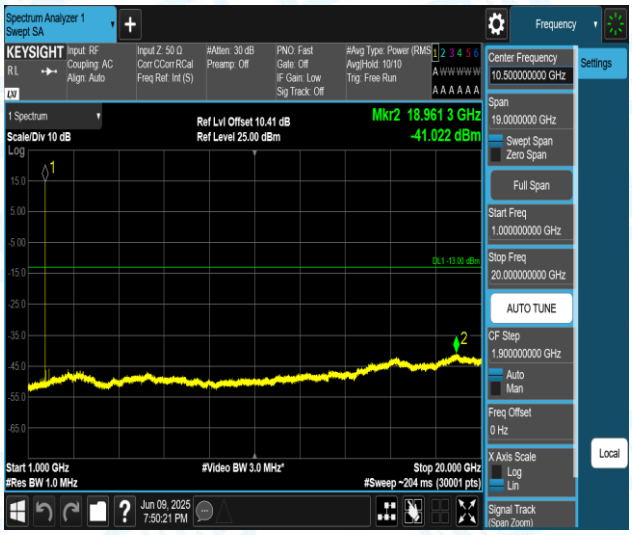
Band4-20MHz-16QAM-20175-PASS



Band4-20MHz-16QAM-20175-PASS

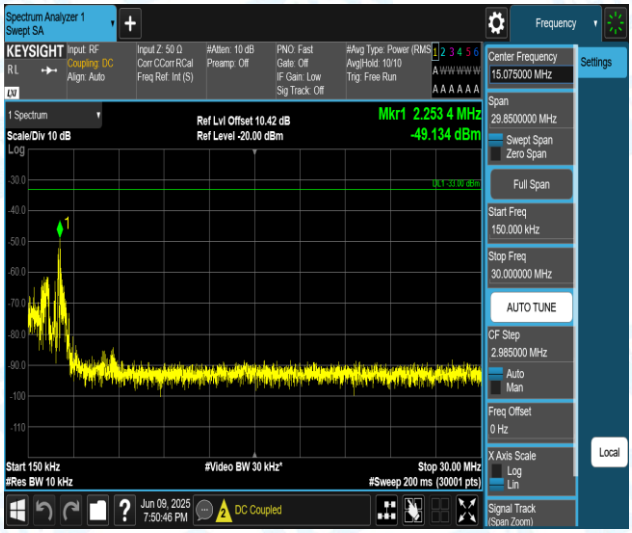


Band4-20MHz-16QAM-20175-PASS



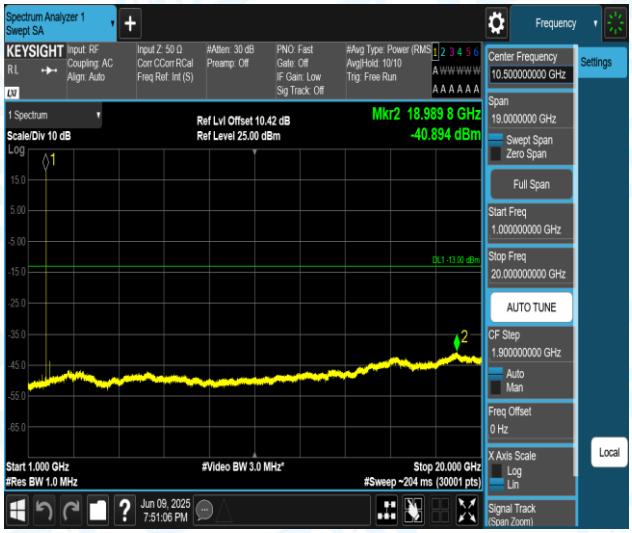
Band4-20MHz-16QAM-20175-PASS

Band4-20MHz-QPSK-20300-PASS

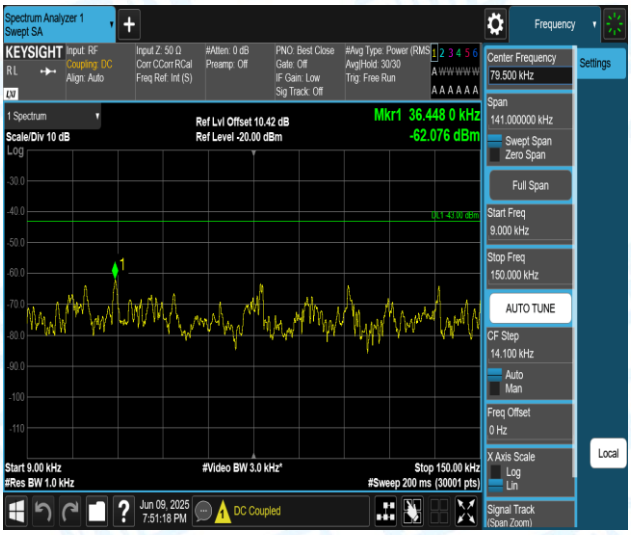


Band4-20MHz-QPSK-20300-PASS

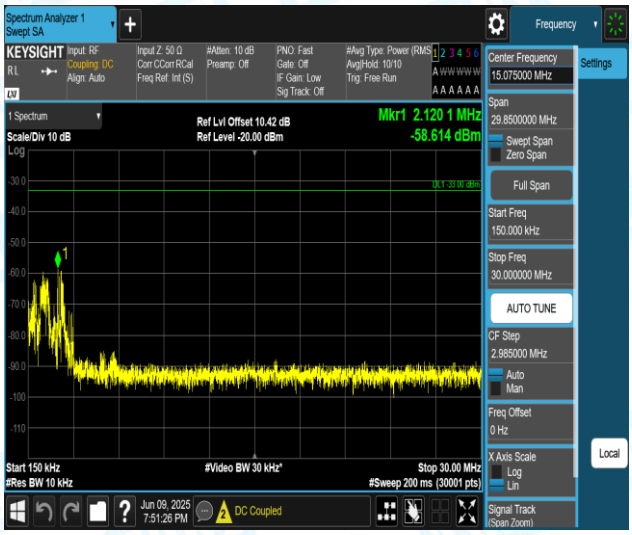
Band4-20MHz-QPSK-20300-PASS



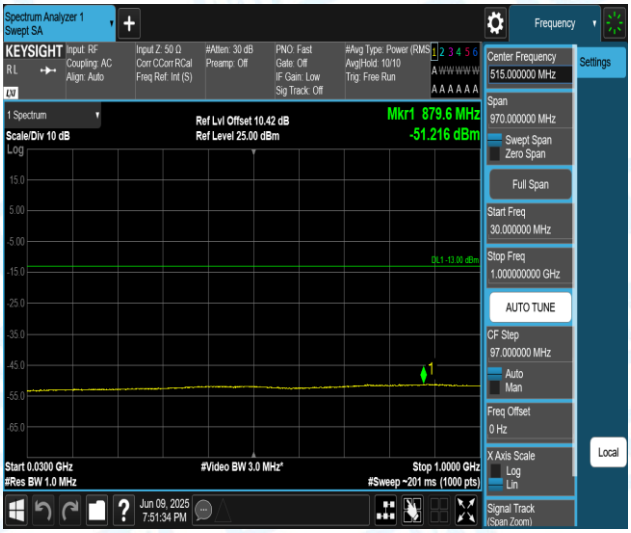
Band4-20MHz-QPSK-20300-PASS



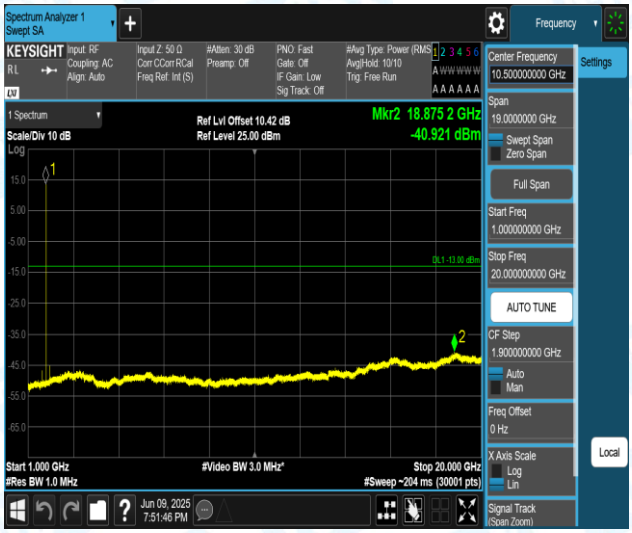
Band4-20MHz-16QAM-20300-PASS



Band4-20MHz-16QAM-20300-PASS



Band4-20MHz-16QAM-20300-PASS



Band4-20MHz-16QAM-20300-PASS

6: Frequency Stability for M1

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6	0	Low	VN	NT	-56.38	-0.032957	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	VL	NT	-57.84	-0.033811	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	VH	NT	-57.68	-0.033717	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	VN	NT	-56.04	-0.032759	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	VL	NT	-57.90	-0.033846	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	VH	NT	-57.66	-0.033706	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	VN	NT	-11.73	-0.006771	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	VL	NT	-13.24	-0.007642	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	VH	NT	-14.19	-0.008190	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	VN	NT	-13.28	-0.007665	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	VL	NT	-13.36	-0.007711	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	VH	NT	-14.08	-0.008127	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6	0	High	VN	NT	-23.50	-0.013396	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6	0	High	VL	NT	-24.31	-0.013857	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6	0	High	VH	NT	-23.73	-0.013527	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6	0	High	VN	NT	-24.44	-0.013931	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6	0	High	VL	NT	-25.71	-0.014655	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6	0	High	VH	NT	-26.62	-0.015174	±2.5	PASS
Band4	3MHz	QPSK	19965	6	0	Low	VN	NT	-46.05	-0.026906	±2.5	PASS
Band4	3MHz	QPSK	19965	6	0	Low	VL	NT	-13.18	-0.007701	±2.5	PASS
Band4	3MHz	QPSK	19965	6	0	Low	VH	NT	-9.98	-0.005831	±2.5	PASS
Band4	3MHz	16QAM	19965	6	0	Low	VN	NT	-16.04	-0.009372	±2.5	PASS
Band4	3MHz	16QAM	19965	6	0	Low	VL	NT	-48.71	-0.028460	±2.5	PASS
Band4	3MHz	16QAM	19965	6	0	Low	VH	NT	-44.55	-0.026030	±2.5	PASS
Band4	3MHz	QPSK	20175	6	0	Low	VN	NT	-8.50	-0.004906	±2.5	PASS
Band4	3MHz	QPSK	20175	6	0	Low	VL	NT	-8.70	-0.005022	±2.5	PASS
Band4	3MHz	QPSK	20175	6	0	Low	VH	NT	-8.59	-0.004958	±2.5	PASS
Band4	3MHz	16QAM	20175	6	0	Low	VN	NT	7.68	0.004433	±2.5	PASS
Band4	3MHz	16QAM	20175	6	0	Low	VL	NT	7.93	0.004577	±2.5	PASS
Band4	3MHz	16QAM	20175	6	0	Low	VH	NT	7.44	0.004294	±2.5	PASS
Band4	3MHz	QPSK	20385	6	0	High	VN	NT	-14.75	-0.008412	±2.5	PASS
Band4	3MHz	QPSK	20385	6	0	High	VL	NT	-16.26	-0.009273	±2.5	PASS
Band4	3MHz	QPSK	20385	6	0	High	VH	NT	-19.08	-0.010881	±2.5	PASS
Band4	3MHz	16QAM	20385	6	0	High	VN	NT	-16.67	-0.009507	±2.5	PASS
Band4	3MHz	16QAM	20385	6	0	High	VL	NT	-18.05	-0.010294	±2.5	PASS
Band4	3MHz	16QAM	20385	6	0	High	VH	NT	-18.10	-0.010322	±2.5	PASS
Band4	5MHz	QPSK	19975	6	0	Low	VN	NT	-7.06	-0.004123	±2.5	PASS

Band4	5MHz	QPSK	19975	6	0	Low	VL	NT	-9.98	-0.005828	±2.5	PASS
Band4	5MHz	QPSK	19975	6	0	Low	VH	NT	-13.83	-0.008076	±2.5	PASS
Band4	5MHz	16QAM	19975	6	0	Low	VN	NT	-10.62	-0.006201	±2.5	PASS
Band4	5MHz	16QAM	19975	6	0	Low	VL	NT	-10.07	-0.005880	±2.5	PASS
Band4	5MHz	16QAM	19975	6	0	Low	VH	NT	-11.43	-0.006674	±2.5	PASS
Band4	5MHz	QPSK	20175	6	0	Low	VN	NT	9.83	0.005674	±2.5	PASS
Band4	5MHz	QPSK	20175	6	0	Low	VL	NT	8.34	0.004814	±2.5	PASS
Band4	5MHz	QPSK	20175	6	0	Low	VH	NT	9.64	0.005564	±2.5	PASS
Band4	5MHz	16QAM	20175	6	0	Low	VN	NT	9.42	0.005437	±2.5	PASS
Band4	5MHz	16QAM	20175	6	0	Low	VL	NT	11.06	0.006384	±2.5	PASS
Band4	5MHz	16QAM	20175	6	0	Low	VH	NT	8.87	0.005120	±2.5	PASS
Band4	5MHz	QPSK	20375	6	0	High	VN	NT	-8.47	-0.004833	±2.5	PASS
Band4	5MHz	QPSK	20375	6	0	High	VL	NT	-7.93	-0.004525	±2.5	PASS
Band4	5MHz	QPSK	20375	6	0	High	VH	NT	-8.72	-0.004976	±2.5	PASS
Band4	5MHz	16QAM	20375	6	0	High	VN	NT	-8.79	-0.005016	±2.5	PASS
Band4	5MHz	16QAM	20375	6	0	High	VL	NT	-26.87	-0.015332	±2.5	PASS
Band4	5MHz	16QAM	20375	6	0	High	VH	NT	-6.87	-0.003920	±2.5	PASS
Band4	10MHz	QPSK	20000	6	0	Low	VN	NT	5.02	0.002927	±2.5	PASS
Band4	10MHz	QPSK	20000	6	0	Low	VL	NT	7.55	0.004402	±2.5	PASS
Band4	10MHz	QPSK	20000	6	0	Low	VH	NT	6.37	0.003714	±2.5	PASS
Band4	10MHz	16QAM	20000	6	0	Low	VN	NT	7.36	0.004292	±2.5	PASS
Band4	10MHz	16QAM	20000	6	0	Low	VL	NT	6.96	0.004058	±2.5	PASS
Band4	10MHz	16QAM	20000	6	0	Low	VH	NT	6.67	0.003889	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	VN	NT	12.22	0.007053	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	VL	NT	12.96	0.007481	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	VH	NT	9.40	0.005426	±2.5	PASS
Band4	10MHz	16QAM	20175	6	0	Low	VN	NT	11.65	0.006724	±2.5	PASS
Band4	10MHz	16QAM	20175	6	0	Low	VL	NT	13.88	0.008012	±2.5	PASS
Band4	10MHz	16QAM	20175	6	0	Low	VH	NT	12.74	0.007354	±2.5	PASS
Band4	10MHz	QPSK	20350	6	0	High	VN	NT	-9.86	-0.005634	±2.5	PASS
Band4	10MHz	QPSK	20350	6	0	High	VL	NT	-11.72	-0.006697	±2.5	PASS
Band4	10MHz	QPSK	20350	6	0	High	VH	NT	-8.02	-0.004583	±2.5	PASS
Band4	10MHz	16QAM	20350	6	0	High	VN	NT	-8.63	-0.004931	±2.5	PASS
Band4	10MHz	16QAM	20350	6	0	High	VL	NT	-9.61	-0.005491	±2.5	PASS
Band4	10MHz	16QAM	20350	6	0	High	VH	NT	-9.55	-0.005457	±2.5	PASS
Band4	15MHz	QPSK	20025	6	0	Low	VN	NT	7.15	0.004163	±2.5	PASS
Band4	15MHz	QPSK	20025	6	0	Low	VL	NT	9.82	0.005718	±2.5	PASS
Band4	15MHz	QPSK	20025	6	0	Low	VH	NT	9.74	0.005671	±2.5	PASS
Band4	15MHz	16QAM	20025	6	0	Low	VN	NT	-4.67	-0.002719	±2.5	PASS
Band4	15MHz	16QAM	20025	6	0	Low	VL	NT	9.69	0.005642	±2.5	PASS
Band4	15MHz	16QAM	20025	6	0	Low	VH	NT	8.31	0.004838	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	VN	NT	11.51	0.006644	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	VL	NT	6.76	0.003902	±2.5	PASS

Band4	15MHz	QPSK	20175	6	0	Low	VH	NT	9.09	0.005247	±2.5	PASS
Band4	15MHz	16QAM	20175	6	0	Low	VN	NT	8.41	0.004854	±2.5	PASS
Band4	15MHz	16QAM	20175	6	0	Low	VL	NT	8.65	0.004993	±2.5	PASS
Band4	15MHz	16QAM	20175	6	0	Low	VH	NT	8.73	0.005039	±2.5	PASS
Band4	15MHz	QPSK	20325	6	0	High	VN	NT	7.60	0.004349	±2.5	PASS
Band4	15MHz	QPSK	20325	6	0	High	VL	NT	5.78	0.003308	±2.5	PASS
Band4	15MHz	QPSK	20325	6	0	High	VH	NT	7.53	0.004309	±2.5	PASS
Band4	15MHz	16QAM	20325	6	0	High	VN	NT	5.64	0.003227	±2.5	PASS
Band4	15MHz	16QAM	20325	6	0	High	VL	NT	6.88	0.003937	±2.5	PASS
Band4	15MHz	16QAM	20325	6	0	High	VH	NT	10.27	0.005877	±2.5	PASS
Band4	20MHz	QPSK	20050	6	0	Low	VN	NT	-14.40	-0.008372	±2.5	PASS
Band4	20MHz	QPSK	20050	6	0	Low	VL	NT	-15.84	-0.009209	±2.5	PASS
Band4	20MHz	QPSK	20050	6	0	Low	VH	NT	-14.55	-0.008459	±2.5	PASS
Band4	20MHz	16QAM	20050	6	0	Low	VN	NT	-15.01	-0.008727	±2.5	PASS
Band4	20MHz	16QAM	20050	6	0	Low	VL	NT	-12.86	-0.007477	±2.5	PASS
Band4	20MHz	16QAM	20050	6	0	Low	VH	NT	-14.77	-0.008587	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	VN	NT	8.64	0.004987	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	VL	NT	7.19	0.004150	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	VH	NT	8.02	0.004629	±2.5	PASS
Band4	20MHz	16QAM	20175	6	0	Low	VN	NT	8.53	0.004924	±2.5	PASS
Band4	20MHz	16QAM	20175	6	0	Low	VL	NT	10.68	0.006165	±2.5	PASS
Band4	20MHz	16QAM	20175	6	0	Low	VH	NT	8.52	0.004918	±2.5	PASS
Band4	20MHz	QPSK	20300	6	0	High	VN	NT	-7.92	-0.004539	±2.5	PASS
Band4	20MHz	QPSK	20300	6	0	High	VL	NT	-9.58	-0.005490	±2.5	PASS
Band4	20MHz	QPSK	20300	6	0	High	VH	NT	-9.44	-0.005410	±2.5	PASS
Band4	20MHz	16QAM	20300	6	0	High	VN	NT	-12.59	-0.007215	±2.5	PASS
Band4	20MHz	16QAM	20300	6	0	High	VL	NT	-8.24	-0.004722	±2.5	PASS
Band4	20MHz	16QAM	20300	6	0	High	VH	NT	-9.58	-0.005490	±2.5	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6	0	Low	NV	-10	-55.99	-0.032729	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	NV	0	-53.73	-0.031408	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	NV	10	-54.18	-0.031671	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	NV	20	-56.68	-0.033133	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	NV	30	-56.58	-0.033074	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	NV	40	-55.80	-0.032618	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	NV	50	-55.52	-0.032455	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	NV	-10	-57.03	-0.033337	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	NV	0	-58.56	-0.034232	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	NV	10	-55.34	-0.032349	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	NV	20	-27.42	-0.016029	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	NV	30	-29.52	-0.017256	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	NV	40	-30.22	-0.017665	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	NV	50	-29.28	-0.017116	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	NV	-10	-14.50	-0.008369	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	NV	0	-14.07	-0.008121	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	NV	10	-13.37	-0.007717	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	NV	20	-13.18	-0.007608	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	NV	30	-10.34	-0.005968	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	NV	40	-14.55	-0.008398	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	NV	50	-13.39	-0.007729	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	NV	-10	-13.47	-0.007775	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	NV	0	-13.04	-0.007527	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	NV	10	-16.74	-0.009662	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	NV	20	-13.64	-0.007873	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	NV	30	-15.97	-0.009218	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	NV	40	-15.57	-0.008987	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	NV	50	-13.95	-0.008052	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6	0	High	NV	-10	-23.28	-0.013270	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6	0	High	NV	0	-26.58	-0.015151	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6	0	High	NV	10	-27.65	-0.015761	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6	0	High	NV	20	-25.18	-0.014353	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6	0	High	NV	30	-20.80	-0.011857	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6	0	High	NV	40	-23.06	-0.013145	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6	0	High	NV	50	-26.33	-0.015009	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6	0	High	NV	-10	-23.17	-0.013208	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6	0	High	NV	0	-22.53	-0.012843	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6	0	High	NV	10	-23.93	-0.013641	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6	0	High	NV	20	-24.92	-0.014205	±2.5	PASS

Band4	1.4MHz	16QAM	20393	6	0	High	NV	30	-26.57	-0.015146	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6	0	High	NV	40	-23.17	-0.013208	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6	0	High	NV	50	-22.35	-0.012740	±2.5	PASS
Band4	3MHz	QPSK	19965	6	0	Low	NV	-10	-14.66	-0.008566	±2.5	PASS
Band4	3MHz	QPSK	19965	6	0	Low	NV	0	-13.70	-0.008005	±2.5	PASS
Band4	3MHz	QPSK	19965	6	0	Low	NV	10	-13.13	-0.007672	±2.5	PASS
Band4	3MHz	QPSK	19965	6	0	Low	NV	20	-18.24	-0.010657	±2.5	PASS
Band4	3MHz	QPSK	19965	6	0	Low	NV	30	-13.49	-0.007882	±2.5	PASS
Band4	3MHz	QPSK	19965	6	0	Low	NV	40	-43.71	-0.025539	±2.5	PASS
Band4	3MHz	QPSK	19965	6	0	Low	NV	50	-16.94	-0.009898	±2.5	PASS
Band4	3MHz	16QAM	19965	6	0	Low	NV	-10	-43.90	-0.025650	±2.5	PASS
Band4	3MHz	16QAM	19965	6	0	Low	NV	0	-43.66	-0.025510	±2.5	PASS
Band4	3MHz	16QAM	19965	6	0	Low	NV	10	-15.21	-0.008887	±2.5	PASS
Band4	3MHz	16QAM	19965	6	0	Low	NV	20	-17.57	-0.010266	±2.5	PASS
Band4	3MHz	16QAM	19965	6	0	Low	NV	30	-41.08	-0.024002	±2.5	PASS
Band4	3MHz	16QAM	19965	6	0	Low	NV	40	-18.10	-0.010576	±2.5	PASS
Band4	3MHz	16QAM	19965	6	0	Low	NV	50	-43.14	-0.025206	±2.5	PASS
Band4	3MHz	QPSK	20175	6	0	Low	NV	-10	10.17	0.005870	±2.5	PASS
Band4	3MHz	QPSK	20175	6	0	Low	NV	0	10.23	0.005905	±2.5	PASS
Band4	3MHz	QPSK	20175	6	0	Low	NV	10	10.86	0.006268	±2.5	PASS
Band4	3MHz	QPSK	20175	6	0	Low	NV	20	9.99	0.005766	±2.5	PASS
Band4	3MHz	QPSK	20175	6	0	Low	NV	30	8.03	0.004635	±2.5	PASS
Band4	3MHz	QPSK	20175	6	0	Low	NV	40	8.73	0.005039	±2.5	PASS
Band4	3MHz	QPSK	20175	6	0	Low	NV	50	7.24	0.004179	±2.5	PASS
Band4	3MHz	16QAM	20175	6	0	Low	NV	-10	8.42	0.004860	±2.5	PASS
Band4	3MHz	16QAM	20175	6	0	Low	NV	0	7.05	0.004069	±2.5	PASS
Band4	3MHz	16QAM	20175	6	0	Low	NV	10	7.54	0.004352	±2.5	PASS
Band4	3MHz	16QAM	20175	6	0	Low	NV	20	7.32	0.004225	±2.5	PASS
Band4	3MHz	16QAM	20175	6	0	Low	NV	30	8.63	0.004981	±2.5	PASS
Band4	3MHz	16QAM	20175	6	0	Low	NV	40	7.82	0.004514	±2.5	PASS
Band4	3MHz	16QAM	20175	6	0	Low	NV	50	7.58	0.004375	±2.5	PASS
Band4	3MHz	QPSK	20385	6	0	High	NV	-10	-19.01	-0.010841	±2.5	PASS
Band4	3MHz	QPSK	20385	6	0	High	NV	0	-17.40	-0.009923	±2.5	PASS
Band4	3MHz	QPSK	20385	6	0	High	NV	10	-16.23	-0.009256	±2.5	PASS
Band4	3MHz	QPSK	20385	6	0	High	NV	20	-14.21	-0.008104	±2.5	PASS
Band4	3MHz	QPSK	20385	6	0	High	NV	30	-17.95	-0.010237	±2.5	PASS
Band4	3MHz	QPSK	20385	6	0	High	NV	40	-15.26	-0.008703	±2.5	PASS
Band4	3MHz	QPSK	20385	6	0	High	NV	50	-19.18	-0.010938	±2.5	PASS
Band4	3MHz	16QAM	20385	6	0	High	NV	-10	-16.53	-0.009427	±2.5	PASS
Band4	3MHz	16QAM	20385	6	0	High	NV	0	-14.03	-0.008001	±2.5	PASS
Band4	3MHz	16QAM	20385	6	0	High	NV	10	-17.03	-0.009712	±2.5	PASS
Band4	3MHz	16QAM	20385	6	0	High	NV	20	-17.25	-0.009837	±2.5	PASS
Band4	3MHz	16QAM	20385	6	0	High	NV	30	-17.95	-0.010237	±2.5	PASS

Band4	3MHz	16QAM	20385	6	0	High	NV	40	-20.66	-0.011782	±2.5	PASS
Band4	3MHz	16QAM	20385	6	0	High	NV	50	-15.81	-0.009016	±2.5	PASS
Band4	5MHz	QPSK	19975	6	0	Low	NV	-10	-12.19	-0.007118	±2.5	PASS
Band4	5MHz	QPSK	19975	6	0	Low	NV	0	-7.74	-0.004520	±2.5	PASS
Band4	5MHz	QPSK	19975	6	0	Low	NV	10	-11.18	-0.006528	±2.5	PASS
Band4	5MHz	QPSK	19975	6	0	Low	NV	20	-9.34	-0.005454	±2.5	PASS
Band4	5MHz	QPSK	19975	6	0	Low	NV	30	-10.57	-0.006172	±2.5	PASS
Band4	5MHz	QPSK	19975	6	0	Low	NV	40	-11.44	-0.006680	±2.5	PASS
Band4	5MHz	QPSK	19975	6	0	Low	NV	50	-10.43	-0.006091	±2.5	PASS
Band4	5MHz	16QAM	19975	6	0	Low	NV	-10	-11.23	-0.006558	±2.5	PASS
Band4	5MHz	16QAM	19975	6	0	Low	NV	0	-10.54	-0.006155	±2.5	PASS
Band4	5MHz	16QAM	19975	6	0	Low	NV	10	-9.78	-0.005711	±2.5	PASS
Band4	5MHz	16QAM	19975	6	0	Low	NV	20	-9.13	-0.005331	±2.5	PASS
Band4	5MHz	16QAM	19975	6	0	Low	NV	30	-9.46	-0.005524	±2.5	PASS
Band4	5MHz	16QAM	19975	6	0	Low	NV	40	-11.25	-0.006569	±2.5	PASS
Band4	5MHz	16QAM	19975	6	0	Low	NV	50	-10.32	-0.006026	±2.5	PASS
Band4	5MHz	QPSK	20175	6	0	Low	NV	-10	8.37	0.004831	±2.5	PASS
Band4	5MHz	QPSK	20175	6	0	Low	NV	0	10.28	0.005934	±2.5	PASS
Band4	5MHz	QPSK	20175	6	0	Low	NV	10	10.15	0.005859	±2.5	PASS
Band4	5MHz	QPSK	20175	6	0	Low	NV	20	10.49	0.006055	±2.5	PASS
Band4	5MHz	QPSK	20175	6	0	Low	NV	30	10.42	0.006014	±2.5	PASS
Band4	5MHz	QPSK	20175	6	0	Low	NV	40	9.86	0.005691	±2.5	PASS
Band4	5MHz	QPSK	20175	6	0	Low	NV	50	10.42	0.006014	±2.5	PASS
Band4	5MHz	16QAM	20175	6	0	Low	NV	-10	10.38	0.005991	±2.5	PASS
Band4	5MHz	16QAM	20175	6	0	Low	NV	0	10.02	0.005784	±2.5	PASS
Band4	5MHz	16QAM	20175	6	0	Low	NV	10	10.08	0.005818	±2.5	PASS
Band4	5MHz	16QAM	20175	6	0	Low	NV	20	9.25	0.005339	±2.5	PASS
Band4	5MHz	16QAM	20175	6	0	Low	NV	30	12.01	0.006932	±2.5	PASS
Band4	5MHz	16QAM	20175	6	0	Low	NV	40	10.35	0.005974	±2.5	PASS
Band4	5MHz	16QAM	20175	6	0	Low	NV	50	7.50	0.004329	±2.5	PASS
Band4	5MHz	QPSK	20375	6	0	High	NV	-10	-9.68	-0.005524	±2.5	PASS
Band4	5MHz	QPSK	20375	6	0	High	NV	0	-6.10	-0.003481	±2.5	PASS
Band4	5MHz	QPSK	20375	6	0	High	NV	10	-8.97	-0.005118	±2.5	PASS
Band4	5MHz	QPSK	20375	6	0	High	NV	20	-8.25	-0.004708	±2.5	PASS
Band4	5MHz	QPSK	20375	6	0	High	NV	30	-7.50	-0.004280	±2.5	PASS
Band4	5MHz	QPSK	20375	6	0	High	NV	40	-22.81	-0.013016	±2.5	PASS
Band4	5MHz	QPSK	20375	6	0	High	NV	50	-8.09	-0.004616	±2.5	PASS
Band4	5MHz	16QAM	20375	6	0	High	NV	-10	-8.94	-0.005101	±2.5	PASS
Band4	5MHz	16QAM	20375	6	0	High	NV	0	-10.08	-0.005752	±2.5	PASS
Band4	5MHz	16QAM	20375	6	0	High	NV	10	-9.60	-0.005478	±2.5	PASS
Band4	5MHz	16QAM	20375	6	0	High	NV	20	-9.16	-0.005227	±2.5	PASS
Band4	5MHz	16QAM	20375	6	0	High	NV	30	-9.77	-0.005575	±2.5	PASS
Band4	5MHz	16QAM	20375	6	0	High	NV	40	-7.36	-0.004200	±2.5	PASS

Band4	5MHz	16QAM	20375	6	0	High	NV	50	-8.60	-0.004907	±2.5	PASS
Band4	10MHz	QPSK	20000	6	0	Low	NV	-10	-6.28	-0.003662	±2.5	PASS
Band4	10MHz	QPSK	20000	6	0	Low	NV	0	6.02	0.003510	±2.5	PASS
Band4	10MHz	QPSK	20000	6	0	Low	NV	10	7.42	0.004327	±2.5	PASS
Band4	10MHz	QPSK	20000	6	0	Low	NV	20	7.62	0.004443	±2.5	PASS
Band4	10MHz	QPSK	20000	6	0	Low	NV	30	5.77	0.003364	±2.5	PASS
Band4	10MHz	QPSK	20000	6	0	Low	NV	40	7.19	0.004192	±2.5	PASS
Band4	10MHz	QPSK	20000	6	0	Low	NV	50	6.33	0.003691	±2.5	PASS
Band4	10MHz	16QAM	20000	6	0	Low	NV	-10	-5.36	-0.003125	±2.5	PASS
Band4	10MHz	16QAM	20000	6	0	Low	NV	0	5.95	0.003469	±2.5	PASS
Band4	10MHz	16QAM	20000	6	0	Low	NV	10	6.31	0.003679	±2.5	PASS
Band4	10MHz	16QAM	20000	6	0	Low	NV	20	6.01	0.003504	±2.5	PASS
Band4	10MHz	16QAM	20000	6	0	Low	NV	30	7.66	0.004466	±2.5	PASS
Band4	10MHz	16QAM	20000	6	0	Low	NV	40	6.52	0.003802	±2.5	PASS
Band4	10MHz	16QAM	20000	6	0	Low	NV	50	8.32	0.004851	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	-10	12.81	0.007394	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	0	12.15	0.007013	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	10	9.80	0.005657	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	20	13.11	0.007567	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	30	13.59	0.007844	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	40	11.11	0.006413	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	50	14.27	0.008237	±2.5	PASS
Band4	10MHz	16QAM	20175	6	0	Low	NV	-10	11.87	0.006851	±2.5	PASS
Band4	10MHz	16QAM	20175	6	0	Low	NV	0	14.72	0.008496	±2.5	PASS
Band4	10MHz	16QAM	20175	6	0	Low	NV	10	12.28	0.007088	±2.5	PASS
Band4	10MHz	16QAM	20175	6	0	Low	NV	20	13.21	0.007625	±2.5	PASS
Band4	10MHz	16QAM	20175	6	0	Low	NV	30	14.03	0.008098	±2.5	PASS
Band4	10MHz	16QAM	20175	6	0	Low	NV	40	12.54	0.007238	±2.5	PASS
Band4	10MHz	16QAM	20175	6	0	Low	NV	50	11.86	0.006846	±2.5	PASS
Band4	10MHz	QPSK	20350	6	0	High	NV	-10	-8.86	-0.005063	±2.5	PASS
Band4	10MHz	QPSK	20350	6	0	High	NV	0	-8.70	-0.004971	±2.5	PASS
Band4	10MHz	QPSK	20350	6	0	High	NV	10	-10.00	-0.005714	±2.5	PASS
Band4	10MHz	QPSK	20350	6	0	High	NV	20	-8.46	-0.004834	±2.5	PASS
Band4	10MHz	QPSK	20350	6	0	High	NV	30	-8.54	-0.004880	±2.5	PASS
Band4	10MHz	QPSK	20350	6	0	High	NV	40	-7.70	-0.004400	±2.5	PASS
Band4	10MHz	QPSK	20350	6	0	High	NV	50	-10.80	-0.006171	±2.5	PASS
Band4	10MHz	16QAM	20350	6	0	High	NV	-10	-9.34	-0.005337	±2.5	PASS
Band4	10MHz	16QAM	20350	6	0	High	NV	0	-10.28	-0.005874	±2.5	PASS
Band4	10MHz	16QAM	20350	6	0	High	NV	10	-9.59	-0.005480	±2.5	PASS
Band4	10MHz	16QAM	20350	6	0	High	NV	20	-9.33	-0.005331	±2.5	PASS
Band4	10MHz	16QAM	20350	6	0	High	NV	30	-10.07	-0.005754	±2.5	PASS
Band4	10MHz	16QAM	20350	6	0	High	NV	40	-7.75	-0.004429	±2.5	PASS
Band4	10MHz	16QAM	20350	6	0	High	NV	50	-7.31	-0.004177	±2.5	PASS

Band4	15MHz	QPSK	20025	6	0	Low	NV	-10	7.48	0.004355	±2.5	PASS
Band4	15MHz	QPSK	20025	6	0	Low	NV	0	8.66	0.005042	±2.5	PASS
Band4	15MHz	QPSK	20025	6	0	Low	NV	10	11.14	0.006486	±2.5	PASS
Band4	15MHz	QPSK	20025	6	0	Low	NV	20	8.35	0.004862	±2.5	PASS
Band4	15MHz	QPSK	20025	6	0	Low	NV	30	8.42	0.004902	±2.5	PASS
Band4	15MHz	QPSK	20025	6	0	Low	NV	40	7.74	0.004507	±2.5	PASS
Band4	15MHz	QPSK	20025	6	0	Low	NV	50	7.97	0.004640	±2.5	PASS
Band4	15MHz	16QAM	20025	6	0	Low	NV	-10	9.45	0.005502	±2.5	PASS
Band4	15MHz	16QAM	20025	6	0	Low	NV	0	8.52	0.004961	±2.5	PASS
Band4	15MHz	16QAM	20025	6	0	Low	NV	10	10.07	0.005863	±2.5	PASS
Band4	15MHz	16QAM	20025	6	0	Low	NV	20	9.16	0.005333	±2.5	PASS
Band4	15MHz	16QAM	20025	6	0	Low	NV	30	11.63	0.006771	±2.5	PASS
Band4	15MHz	16QAM	20025	6	0	Low	NV	40	9.46	0.005508	±2.5	PASS
Band4	15MHz	16QAM	20025	6	0	Low	NV	50	9.65	0.005619	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	-10	9.07	0.005235	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	0	8.73	0.005039	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	10	8.71	0.005027	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	20	9.08	0.005241	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	30	9.07	0.005235	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	40	9.37	0.005408	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	50	10.63	0.006136	±2.5	PASS
Band4	15MHz	16QAM	20175	6	0	Low	NV	-10	8.34	0.004814	±2.5	PASS
Band4	15MHz	16QAM	20175	6	0	Low	NV	0	9.76	0.005633	±2.5	PASS
Band4	15MHz	16QAM	20175	6	0	Low	NV	10	8.90	0.005137	±2.5	PASS
Band4	15MHz	16QAM	20175	6	0	Low	NV	20	8.95	0.005166	±2.5	PASS
Band4	15MHz	16QAM	20175	6	0	Low	NV	30	8.28	0.004779	±2.5	PASS
Band4	15MHz	16QAM	20175	6	0	Low	NV	40	8.54	0.004929	±2.5	PASS
Band4	15MHz	16QAM	20175	6	0	Low	NV	50	8.60	0.004964	±2.5	PASS
Band4	15MHz	QPSK	20325	6	0	High	NV	-10	6.70	0.003834	±2.5	PASS
Band4	15MHz	QPSK	20325	6	0	High	NV	0	6.55	0.003748	±2.5	PASS
Band4	15MHz	QPSK	20325	6	0	High	NV	10	7.50	0.004292	±2.5	PASS
Band4	15MHz	QPSK	20325	6	0	High	NV	20	6.38	0.003651	±2.5	PASS
Band4	15MHz	QPSK	20325	6	0	High	NV	30	5.14	0.002941	±2.5	PASS
Band4	15MHz	QPSK	20325	6	0	High	NV	40	6.39	0.003657	±2.5	PASS
Band4	15MHz	QPSK	20325	6	0	High	NV	50	6.23	0.003565	±2.5	PASS
Band4	15MHz	16QAM	20325	6	0	High	NV	-10	5.95	0.003405	±2.5	PASS
Band4	15MHz	16QAM	20325	6	0	High	NV	0	5.24	0.002999	±2.5	PASS
Band4	15MHz	16QAM	20325	6	0	High	NV	10	6.29	0.003599	±2.5	PASS
Band4	15MHz	16QAM	20325	6	0	High	NV	20	6.23	0.003565	±2.5	PASS
Band4	15MHz	16QAM	20325	6	0	High	NV	30	6.18	0.003536	±2.5	PASS
Band4	15MHz	16QAM	20325	6	0	High	NV	40	7.42	0.004246	±2.5	PASS
Band4	15MHz	16QAM	20325	6	0	High	NV	50	8.40	0.004807	±2.5	PASS
Band4	20MHz	QPSK	20050	6	0	Low	NV	-10	-11.96	-0.006953	±2.5	PASS

Band4	20MHz	QPSK	20050	6	0	Low	NV	0	-13.78	-0.008012	±2.5	PASS
Band4	20MHz	QPSK	20050	6	0	Low	NV	10	-14.92	-0.008674	±2.5	PASS
Band4	20MHz	QPSK	20050	6	0	Low	NV	20	-11.01	-0.006401	±2.5	PASS
Band4	20MHz	QPSK	20050	6	0	Low	NV	30	-13.35	-0.007762	±2.5	PASS
Band4	20MHz	QPSK	20050	6	0	Low	NV	40	-14.96	-0.008698	±2.5	PASS
Band4	20MHz	QPSK	20050	6	0	Low	NV	50	-13.53	-0.007866	±2.5	PASS
Band4	20MHz	16QAM	20050	6	0	Low	NV	-10	-13.58	-0.007895	±2.5	PASS
Band4	20MHz	16QAM	20050	6	0	Low	NV	0	-12.74	-0.007407	±2.5	PASS
Band4	20MHz	16QAM	20050	6	0	Low	NV	10	-14.24	-0.008279	±2.5	PASS
Band4	20MHz	16QAM	20050	6	0	Low	NV	20	-12.51	-0.007273	±2.5	PASS
Band4	20MHz	16QAM	20050	6	0	Low	NV	30	-14.01	-0.008145	±2.5	PASS
Band4	20MHz	16QAM	20050	6	0	Low	NV	40	-14.19	-0.008250	±2.5	PASS
Band4	20MHz	16QAM	20050	6	0	Low	NV	50	-12.41	-0.007215	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	-10	8.78	0.005068	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	0	10.19	0.005882	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	10	8.60	0.004964	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	20	7.88	0.004548	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	30	10.27	0.005928	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	40	10.79	0.006228	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	50	9.96	0.005749	±2.5	PASS
Band4	20MHz	16QAM	20175	6	0	Low	NV	-10	9.64	0.005564	±2.5	PASS
Band4	20MHz	16QAM	20175	6	0	Low	NV	0	6.79	0.003919	±2.5	PASS
Band4	20MHz	16QAM	20175	6	0	Low	NV	10	10.52	0.006072	±2.5	PASS
Band4	20MHz	16QAM	20175	6	0	Low	NV	20	10.77	0.006216	±2.5	PASS
Band4	20MHz	16QAM	20175	6	0	Low	NV	30	8.15	0.004704	±2.5	PASS
Band4	20MHz	16QAM	20175	6	0	Low	NV	40	6.86	0.003960	±2.5	PASS
Band4	20MHz	16QAM	20175	6	0	Low	NV	50	9.07	0.005235	±2.5	PASS
Band4	20MHz	QPSK	20300	6	0	High	NV	-10	-7.43	-0.004258	±2.5	PASS
Band4	20MHz	QPSK	20300	6	0	High	NV	0	-8.81	-0.005049	±2.5	PASS
Band4	20MHz	QPSK	20300	6	0	High	NV	10	-8.90	-0.005100	±2.5	PASS
Band4	20MHz	QPSK	20300	6	0	High	NV	20	-11.50	-0.006590	±2.5	PASS
Band4	20MHz	QPSK	20300	6	0	High	NV	30	-8.43	-0.004831	±2.5	PASS
Band4	20MHz	QPSK	20300	6	0	High	NV	40	-10.11	-0.005794	±2.5	PASS
Band4	20MHz	QPSK	20300	6	0	High	NV	50	-11.02	-0.006315	±2.5	PASS
Band4	20MHz	16QAM	20300	6	0	High	NV	-10	-7.66	-0.004390	±2.5	PASS
Band4	20MHz	16QAM	20300	6	0	High	NV	0	-8.98	-0.005146	±2.5	PASS
Band4	20MHz	16QAM	20300	6	0	High	NV	10	-8.37	-0.004797	±2.5	PASS
Band4	20MHz	16QAM	20300	6	0	High	NV	20	-11.12	-0.006372	±2.5	PASS
Band4	20MHz	16QAM	20300	6	0	High	NV	30	-7.88	-0.004516	±2.5	PASS
Band4	20MHz	16QAM	20300	6	0	High	NV	40	-9.03	-0.005175	±2.5	PASS
Band4	20MHz	16QAM	20300	6	0	High	NV	50	-8.32	-0.004768	±2.5	PASS

-----END OF THE REPORT-----