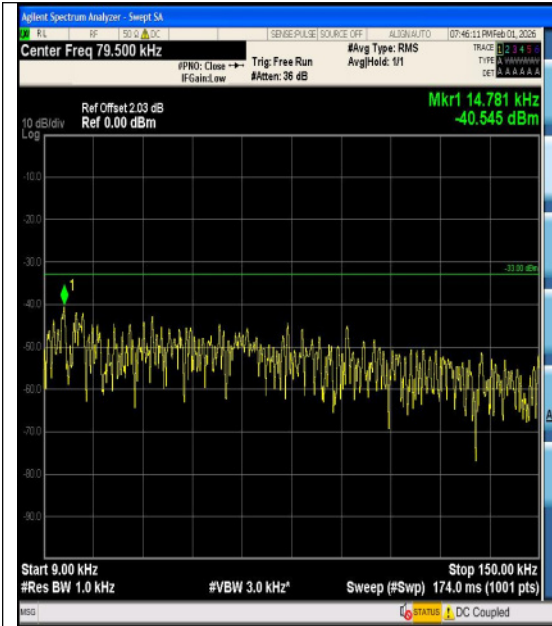
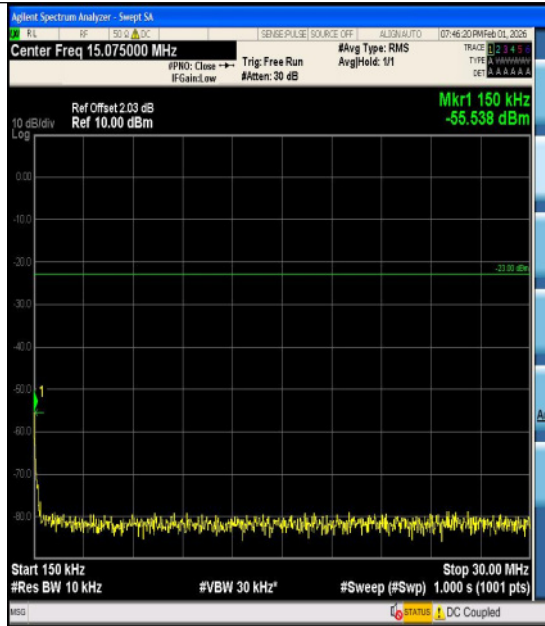
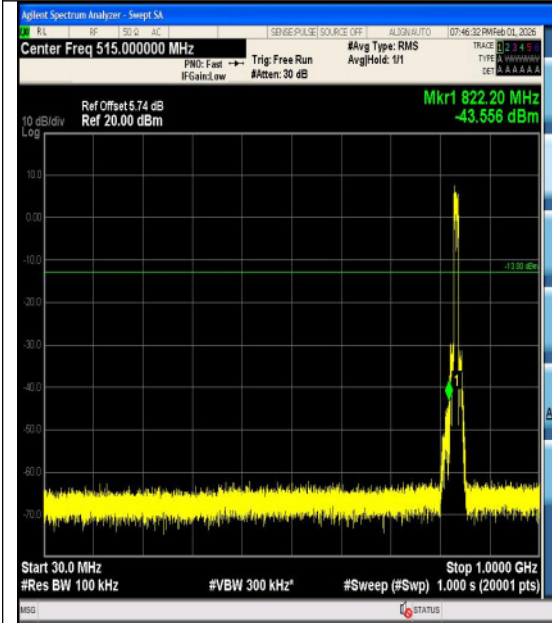




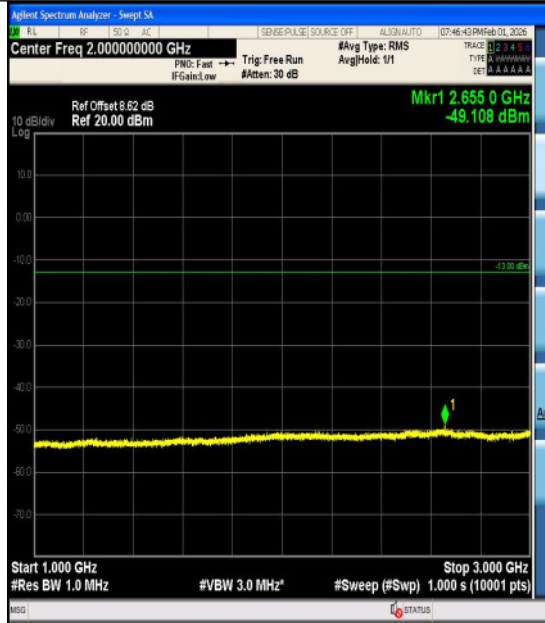
Band5-10MHz-QPSK-20525-50RB#0-30~1000-P
ASS



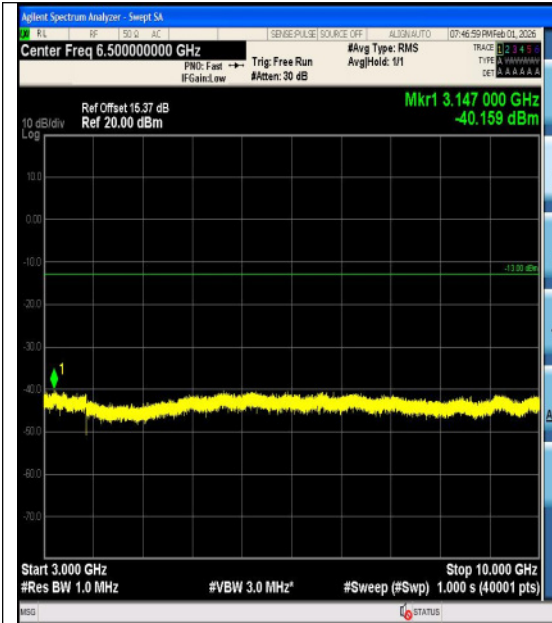
Band5-10MHz-QPSK-20525-50RB#0-1000~300
0-PASS



Band5-10MHz-QPSK-20525-50RB#0-3000~100
00-PASS

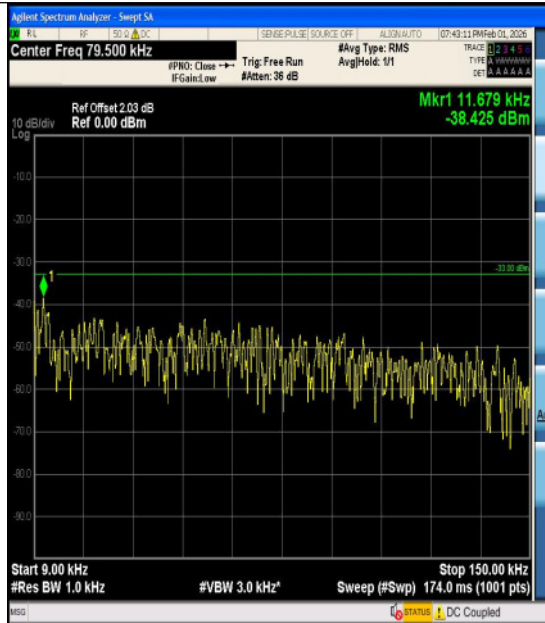


Band5-10MHz-16QAM-20525-1RB#0-0.009~0.1
5-PASS



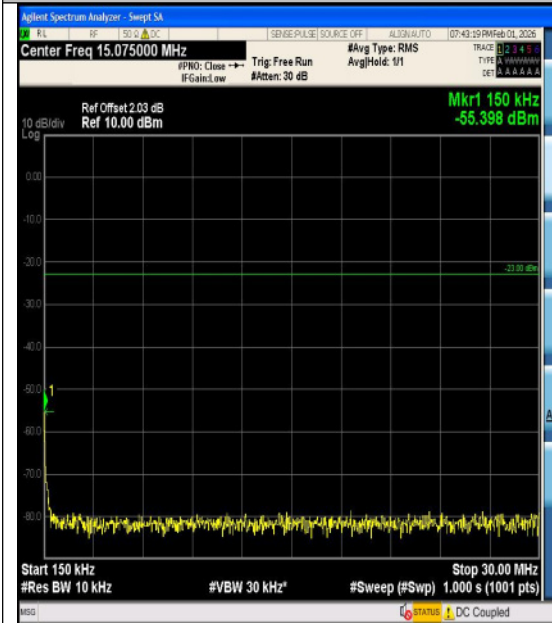
Band5-10MHz-16QAM-20525-1RB#0-0.15~30-P

ASS



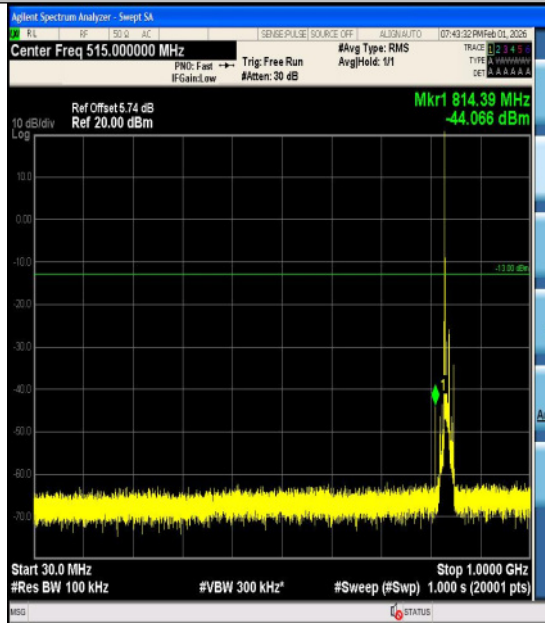
Band5-10MHz-16QAM-20525-1RB#0-30~1000-P

ASS



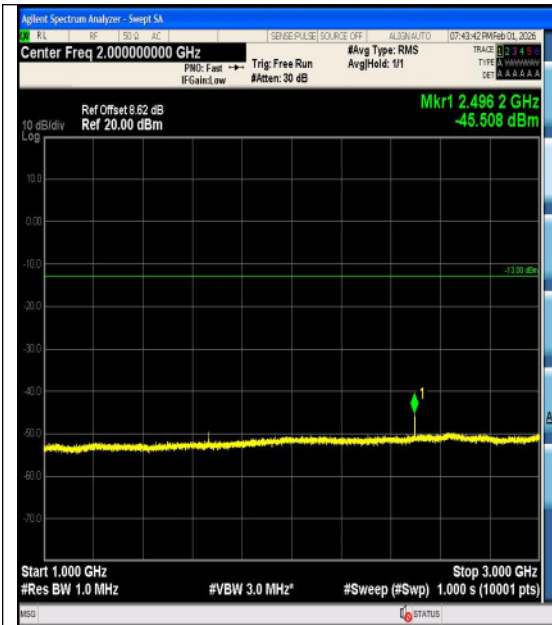
Band5-10MHz-16QAM-20525-1RB#0-1000~300

0-PASS

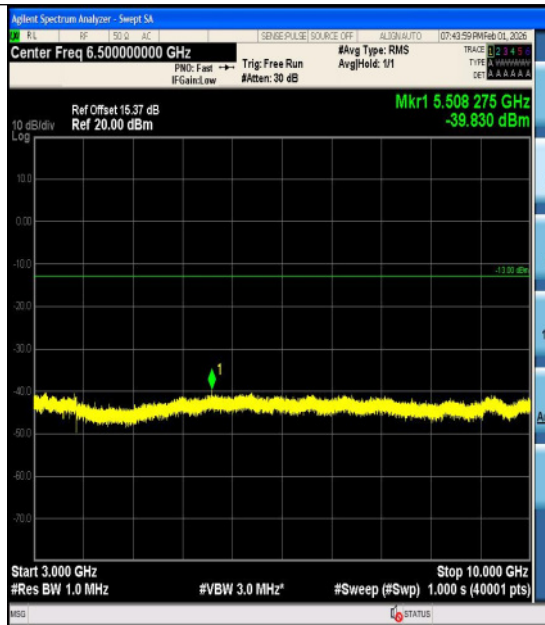


Band5-10MHz-16QAM-20525-1RB#0-3000~100

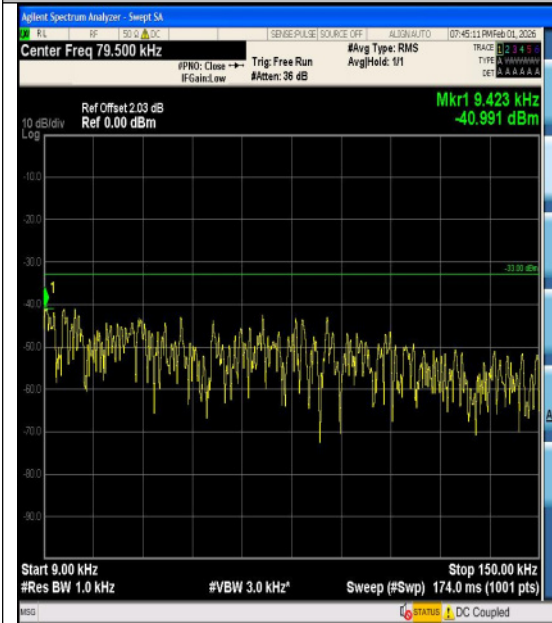
00-PASS



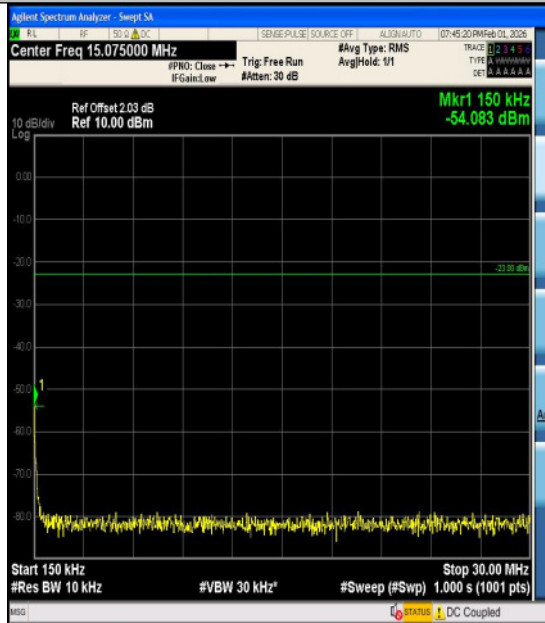
Band5-10MHz-16QAM-20525-1RB#49-0.009~0.
15-PASS



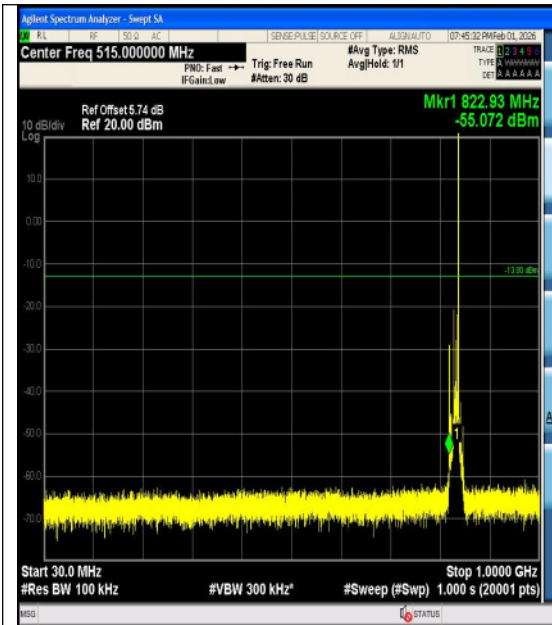
Band5-10MHz-16QAM-20525-1RB#49-0.15~30-
PASS



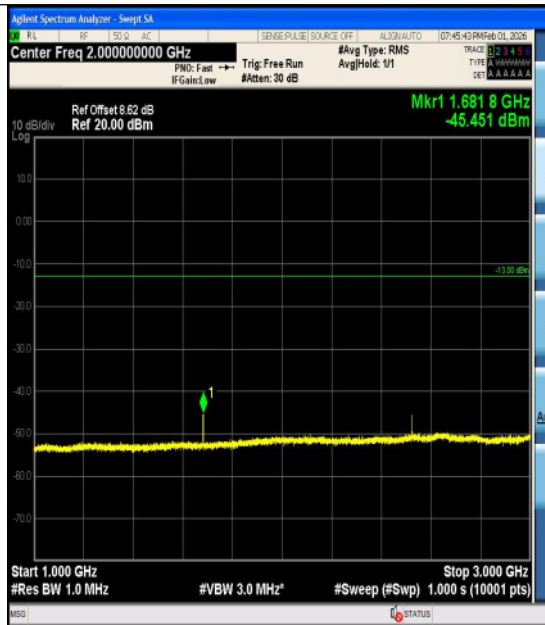
Band5-10MHz-16QAM-20525-1RB#49-30~1000-
PASS



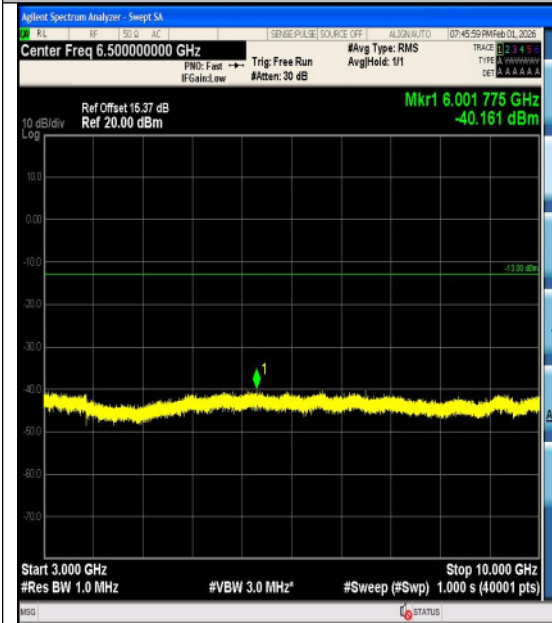
Band5-10MHz-16QAM-20525-1RB#49-1000~30
00-PASS



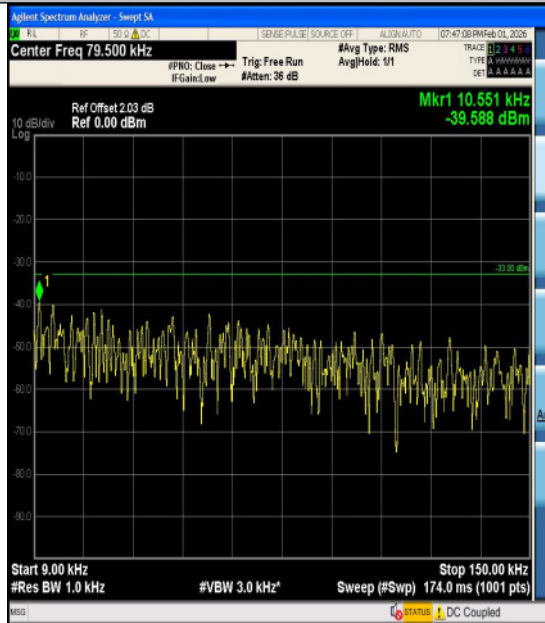
Band5-10MHz-16QAM-20525-1RB#49-3000~10
000-PASS



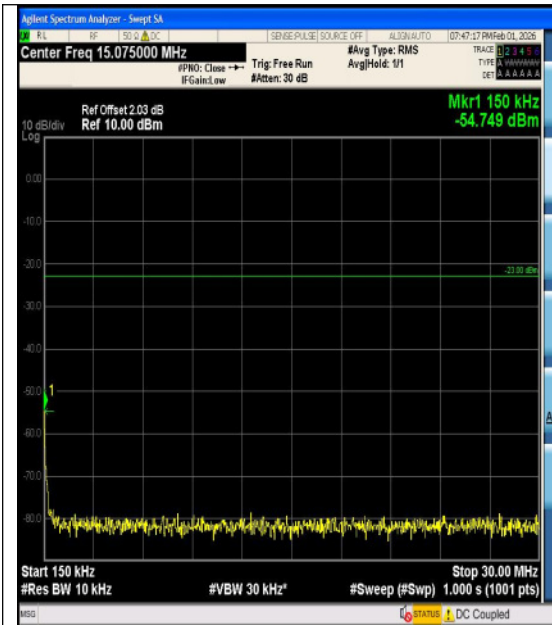
Band5-10MHz-16QAM-20525-50RB#0-0.009~0.
15-PASS



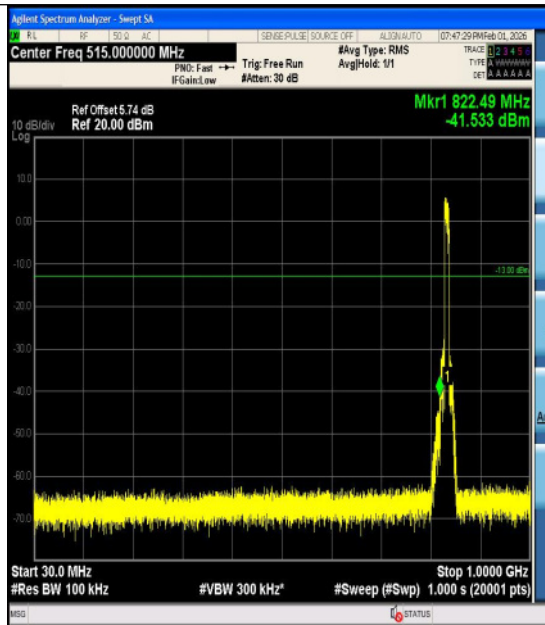
Band5-10MHz-16QAM-20525-50RB#0-0.15~30-
PASS



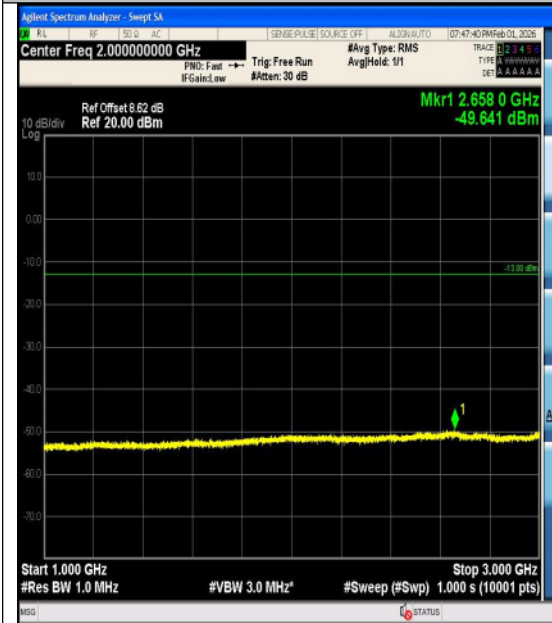
Band5-10MHz-16QAM-20525-50RB#0-30~1000-
PASS



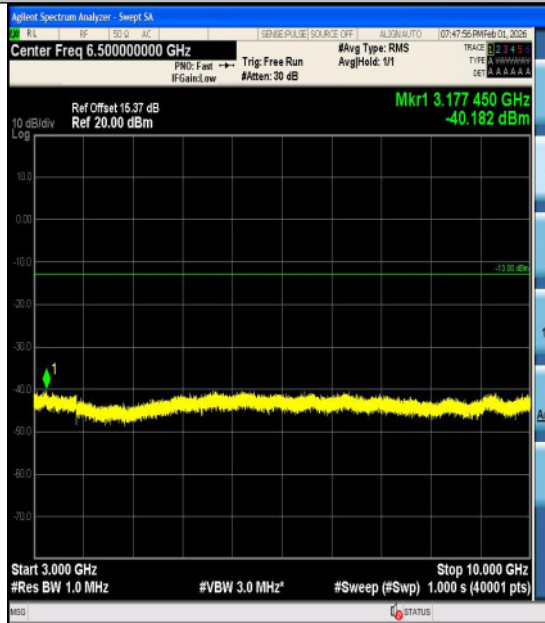
Band5-10MHz-16QAM-20525-50RB#0-1000~30
00-PASS



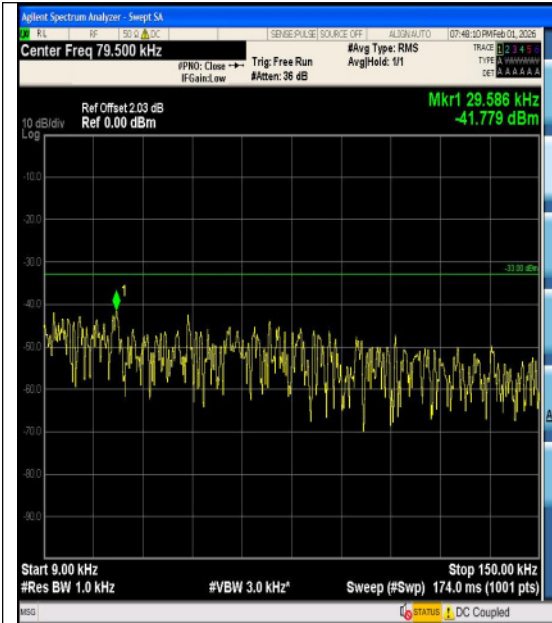
Band5-10MHz-16QAM-20525-50RB#0-3000~10
000-PASS



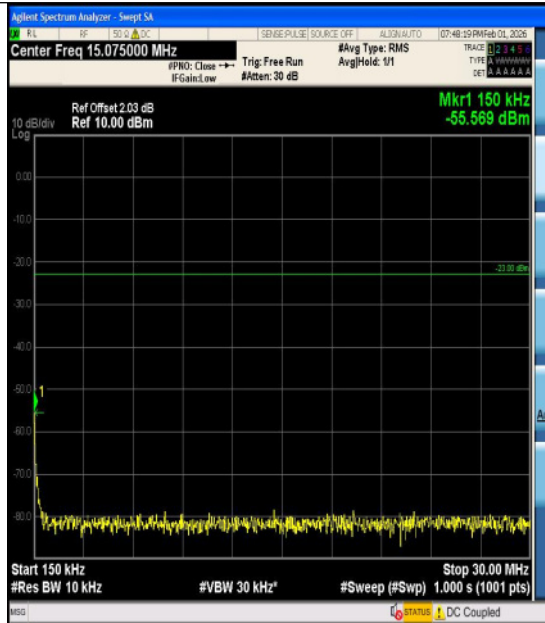
Band5-10MHz-QPSK-20600-1RB#0-0.009~0.15-
PASS



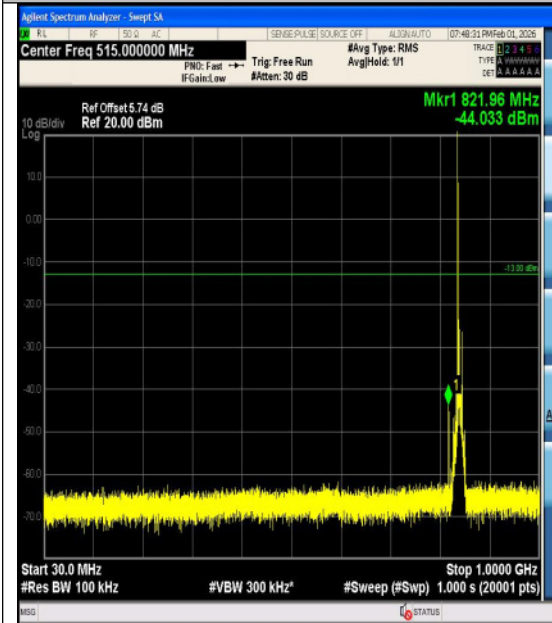
Band5-10MHz-QPSK-20600-1RB#0-0.15~30-PA
SS



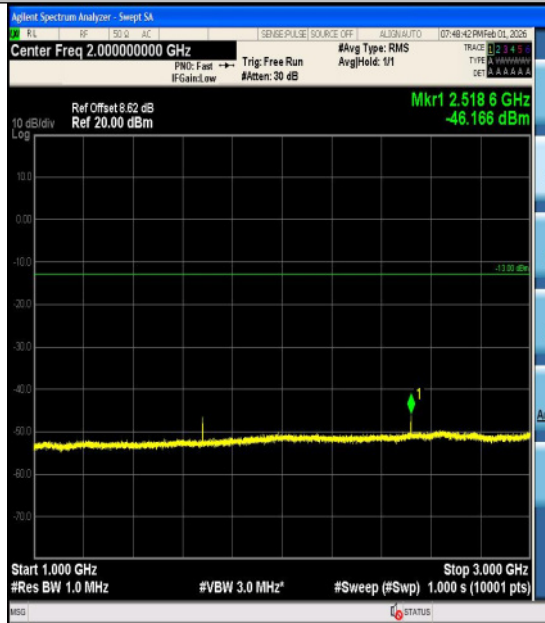
Band5-10MHz-QPSK-20600-1RB#0-30~1000-P
ASS



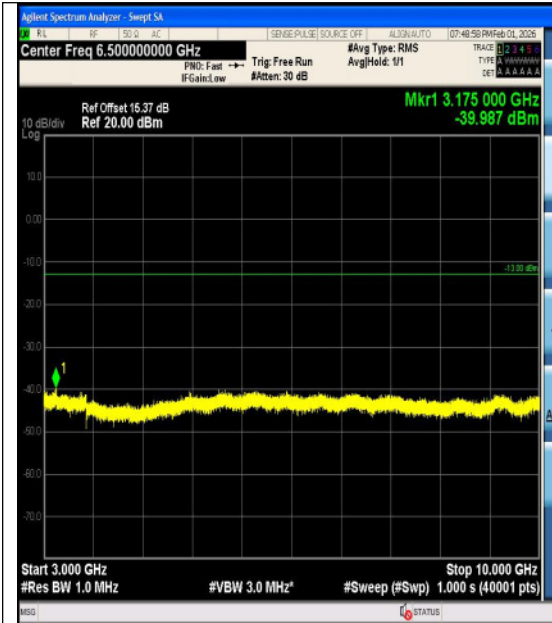
Band5-10MHz-QPSK-20600-1RB#0-1000~3000-P
PASS



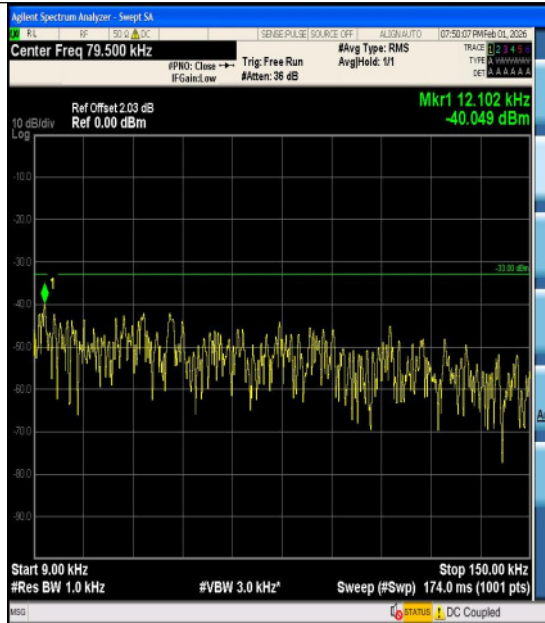
Band5-10MHz-QPSK-20600-1RB#0-3000~1000
0-PASS



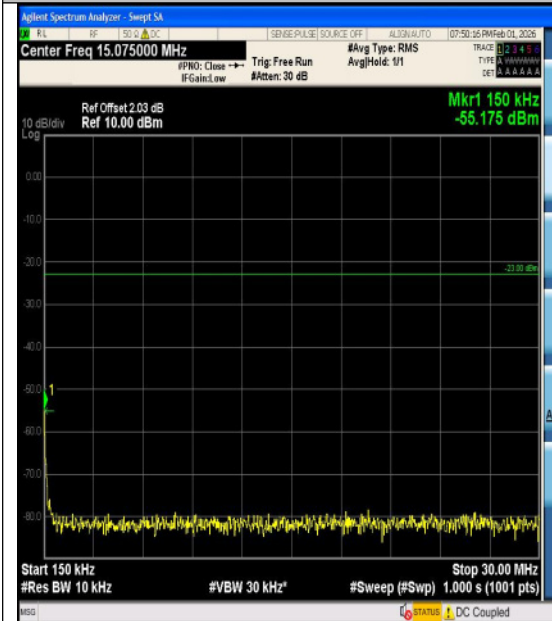
Band5-10MHz-QPSK-20600-1RB#49-0.009~0.1
5-PASS



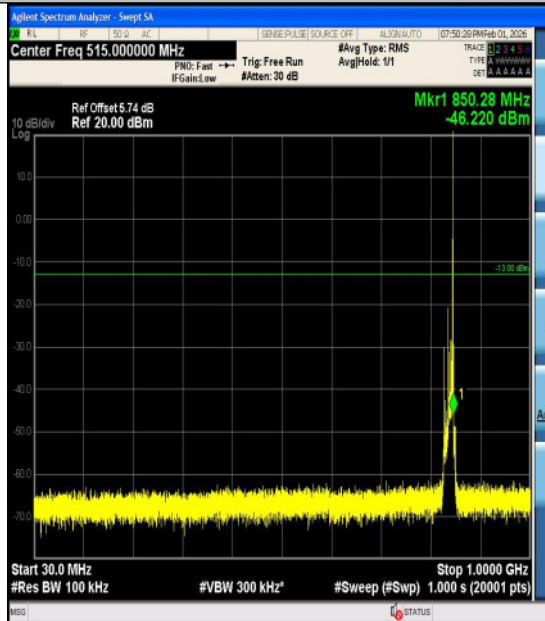
Band5-10MHz-QPSK-20600-1RB#49-0.15~30-P
ASS



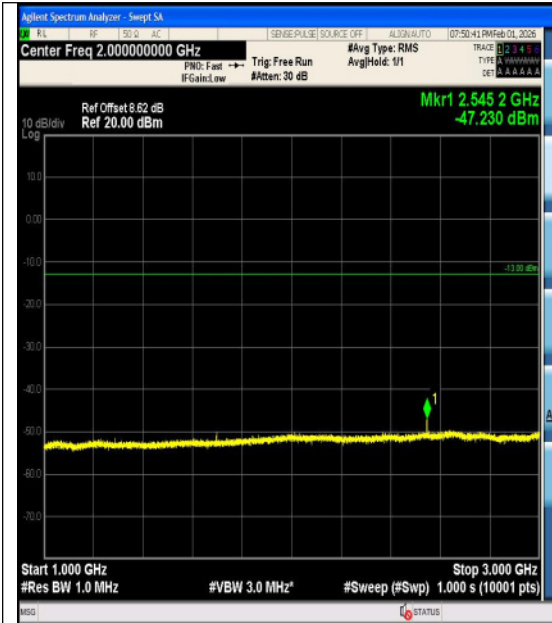
Band5-10MHz-QPSK-20600-1RB#49-30~1000-P
ASS



Band5-10MHz-QPSK-20600-1RB#49-1000~300
0-PASS

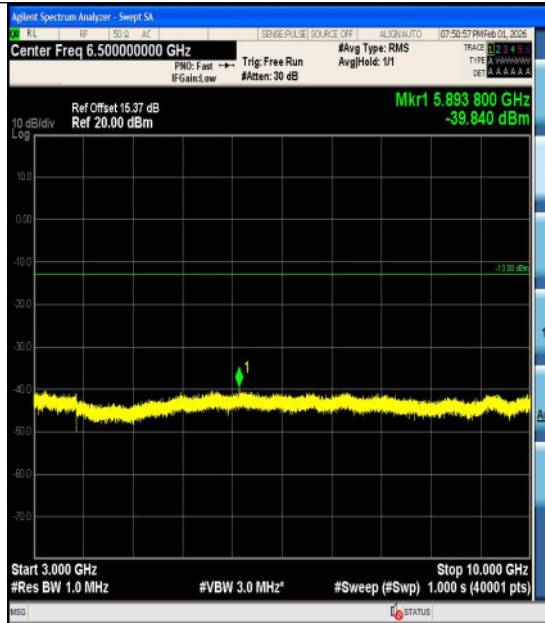


Band5-10MHz-QPSK-20600-1RB#49-3000~100
00-PASS



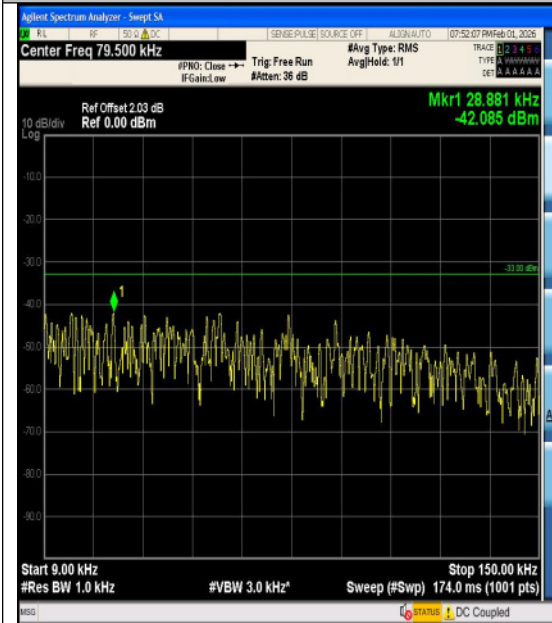
Band5-10MHz-QPSK-20600-50RB#0-0.009~0.1

5-PASS



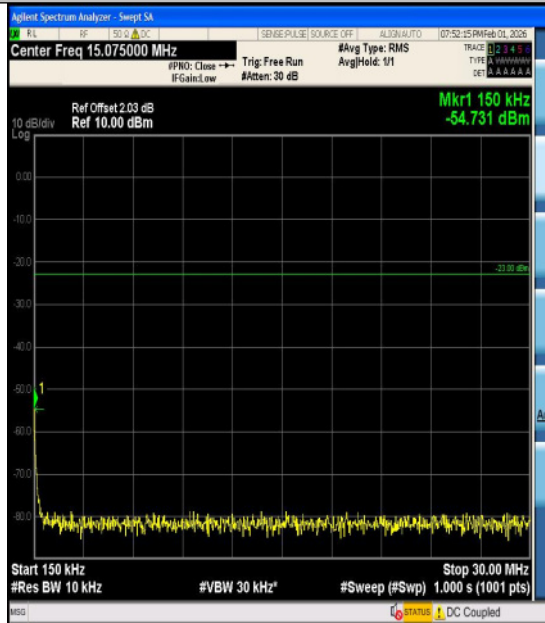
Band5-10MHz-QPSK-20600-50RB#0-0.15~30-P

ASS



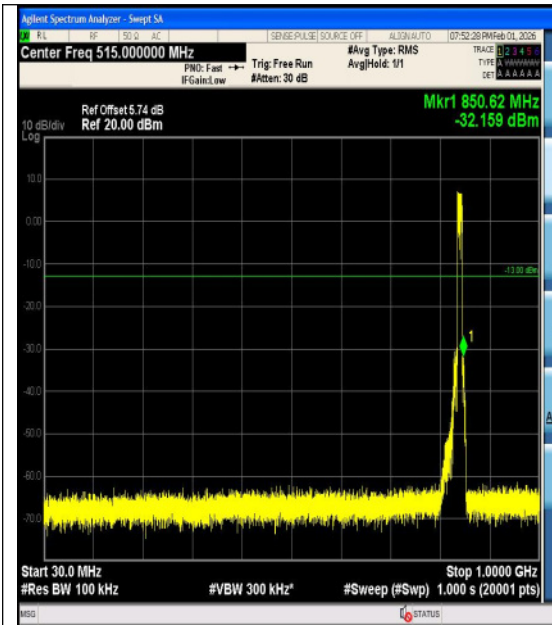
Band5-10MHz-QPSK-20600-50RB#0-30~1000-P

ASS

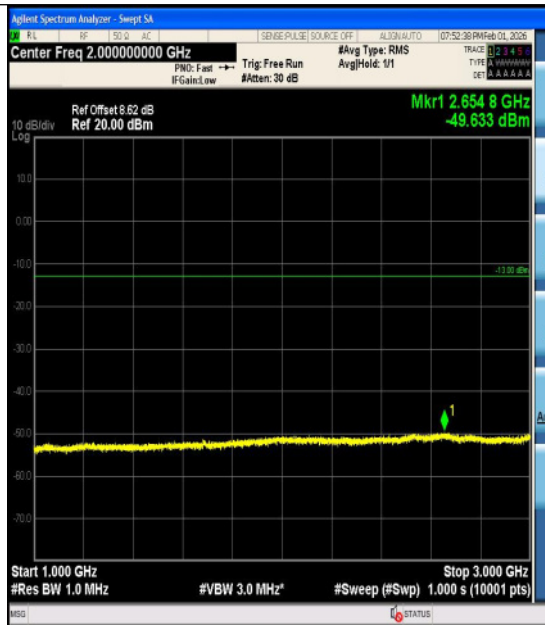


Band5-10MHz-QPSK-20600-50RB#0-1000~300

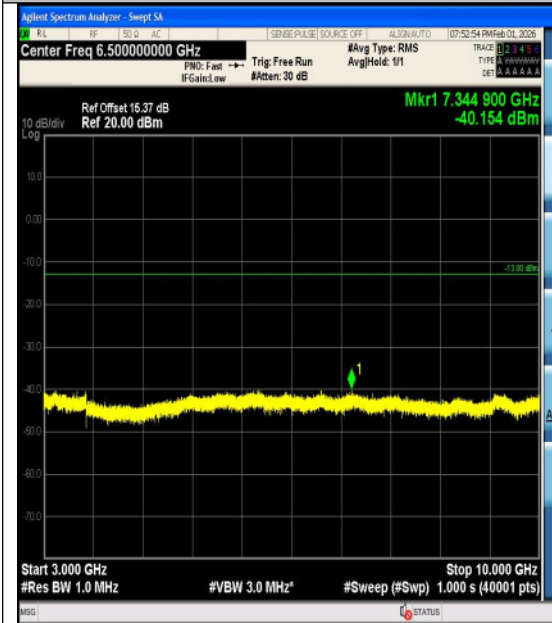
0-PASS



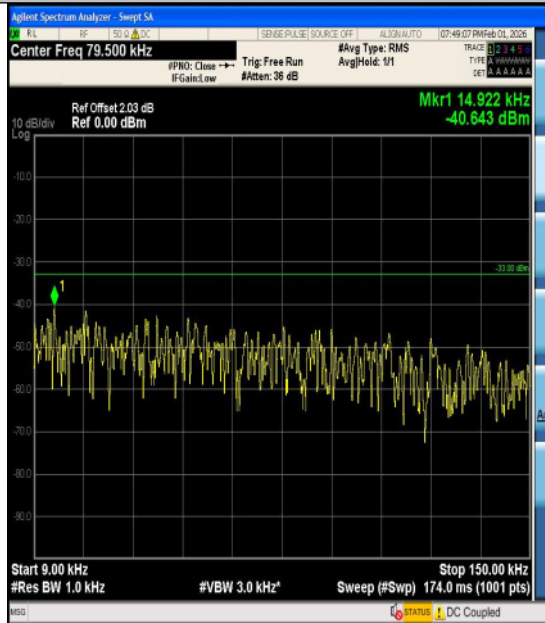
Band5-10MHz-QPSK-20600-50RB#0-3000~100
00-PASS



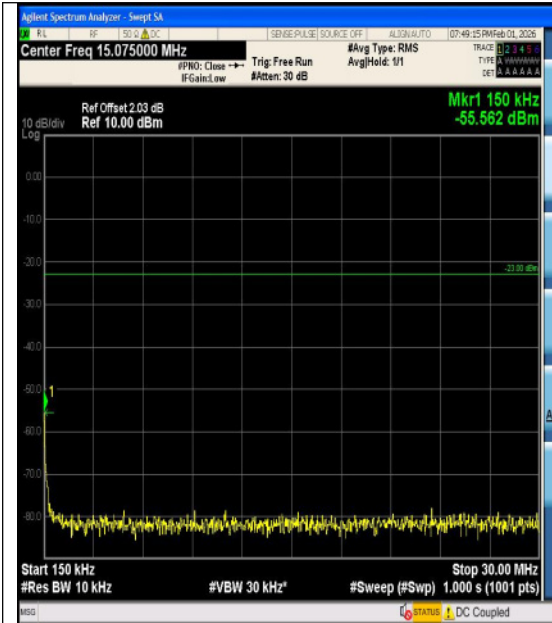
Band5-10MHz-16QAM-20600-1RB#0-0.009~0.1
5-PASS



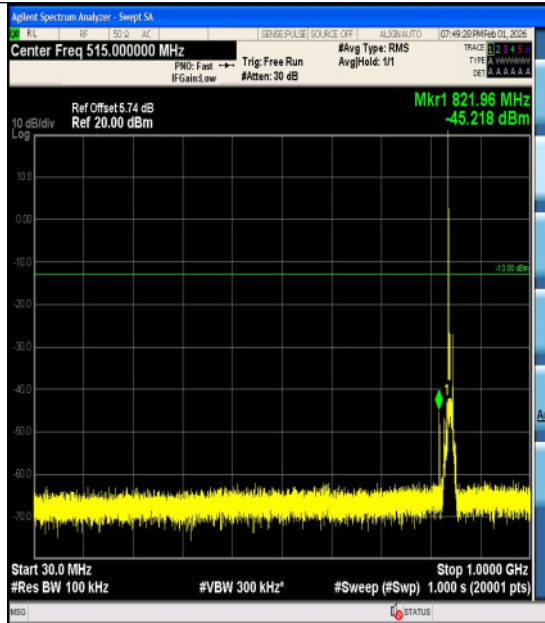
Band5-10MHz-16QAM-20600-1RB#0-0.15~30-P
ASS



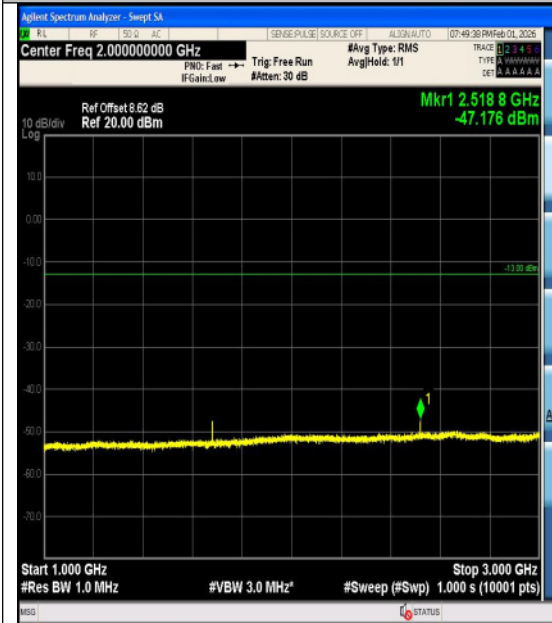
Band5-10MHz-16QAM-20600-1RB#0-30~1000-P
ASS



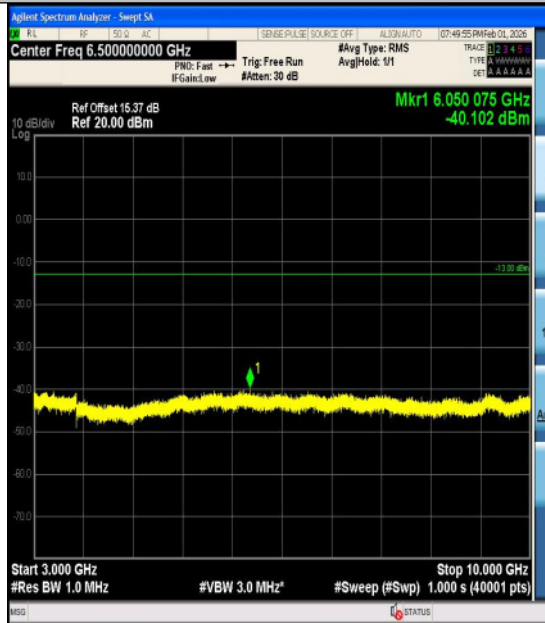
Band5-10MHz-16QAM-20600-1RB#0-1000~300
0-PASS



Band5-10MHz-16QAM-20600-1RB#0-3000~100
00-PASS



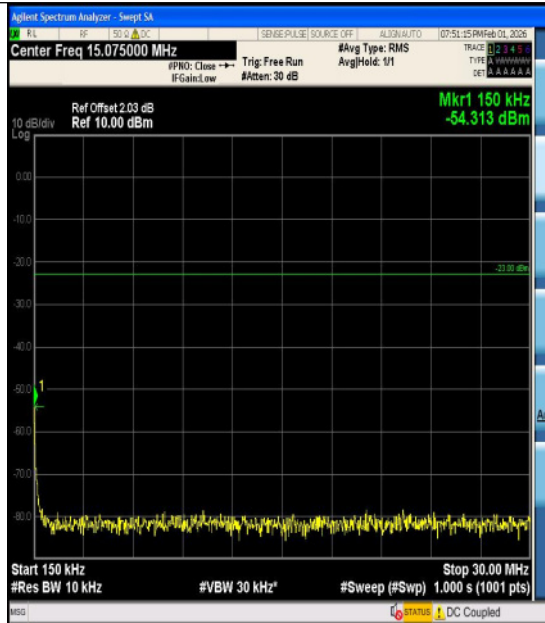
Band5-10MHz-16QAM-20600-1RB#49-0.009~0.
15-PASS



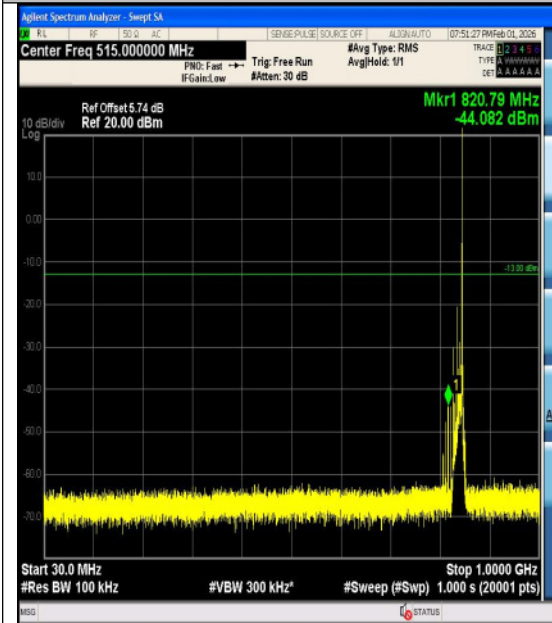
Band5-10MHz-16QAM-20600-1RB#49-0.15~30-
PASS



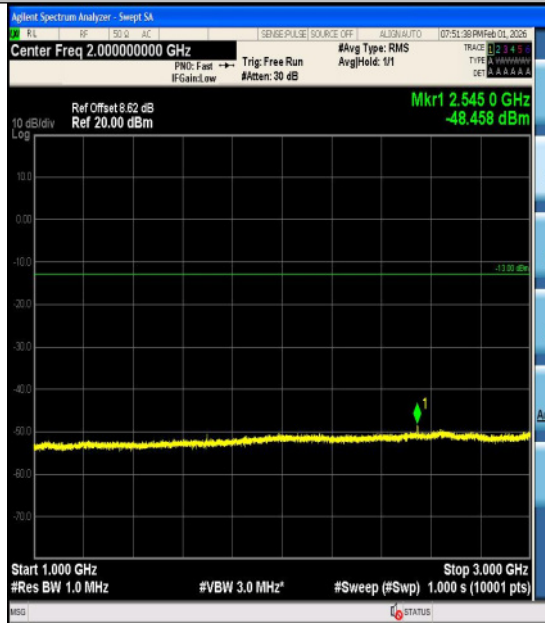
Band5-10MHz-16QAM-20600-1RB#49-30~1000-PASS



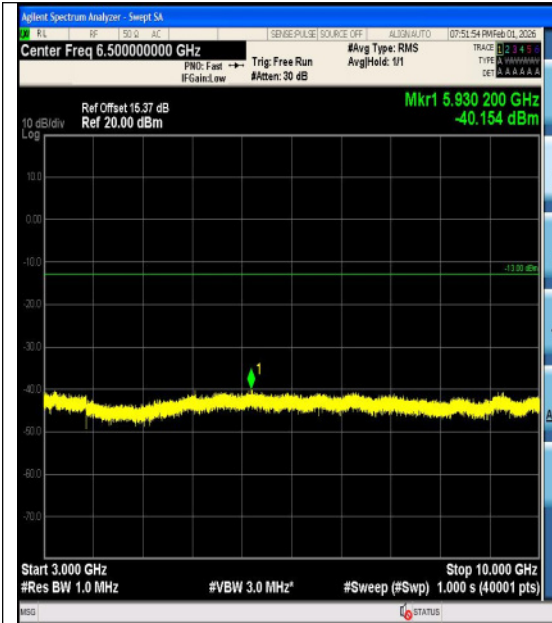
Band5-10MHz-16QAM-20600-1RB#49-1000~3000-PASS



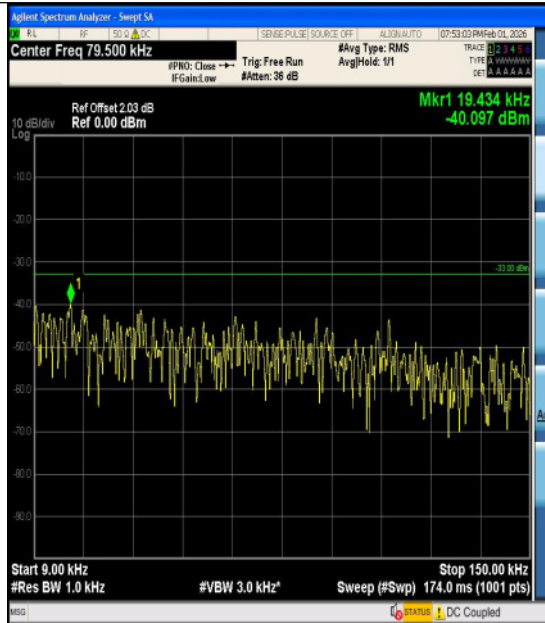
Band5-10MHz-16QAM-20600-1RB#49-3000~10000-PASS



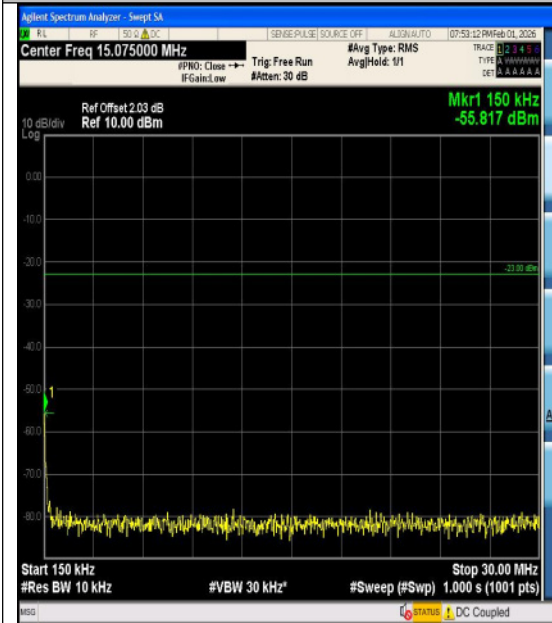
Band5-10MHz-16QAM-20600-50RB#0-0.009~0.15-PASS



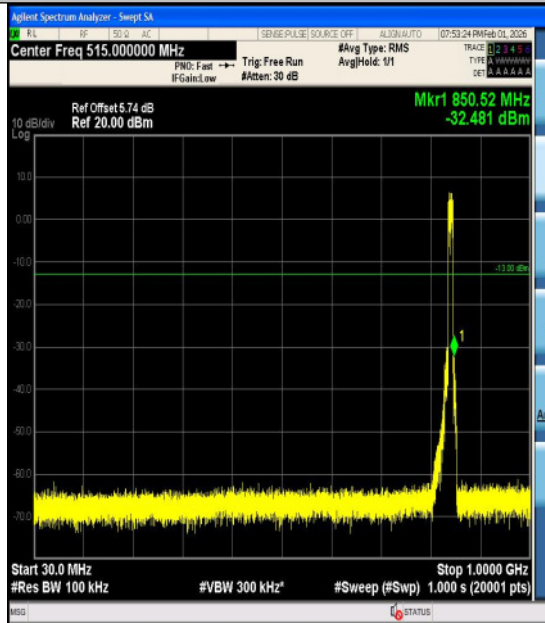
Band5-10MHz-16QAM-20600-50RB#0-0.15~30-
PASS



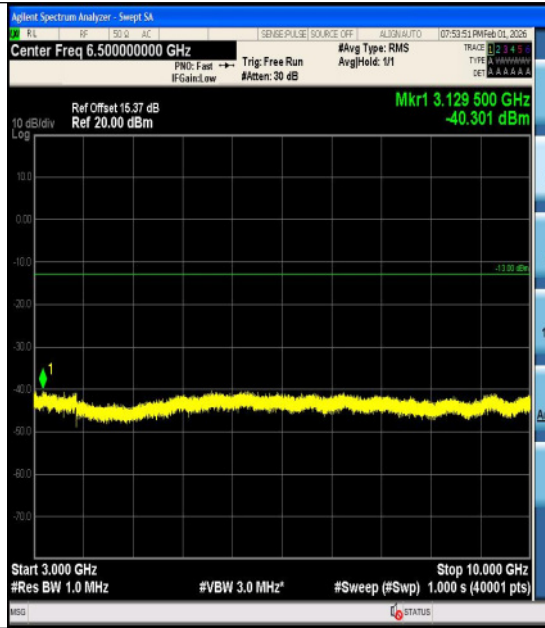
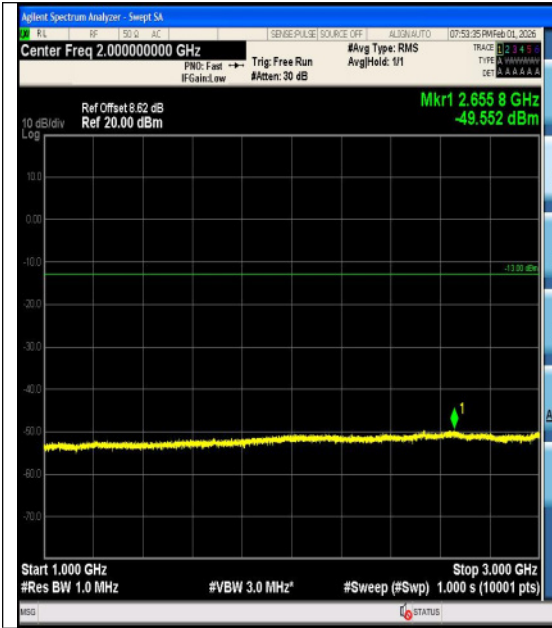
Band5-10MHz-16QAM-20600-50RB#0-30~1000-
PASS



Band5-10MHz-16QAM-20600-50RB#0-1000~30
00-PASS



Band5-10MHz-16QAM-20600-50RB#0-3000~10
000-PASS



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-2.92	-0.003541	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-2.35	-0.002850	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-8.94	-0.010840	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-8.45	-0.010246	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-7.72	-0.009361	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-7.47	-0.009058	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-8.78	-0.010496	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-9.24	-0.011046	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-5.59	-0.006683	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-6.82	-0.008153	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-3.93	-0.004698	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-3.10	-0.003706	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-11.50	-0.013557	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-9.48	-0.011175	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-9.64	-0.011364	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-10.19	-0.012012	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-8.13	-0.009584	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	-13.33	-0.015714	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-6.81	-0.008250	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	-11.12	-0.013471	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-5.71	-0.006917	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-3.49	-0.004228	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	-10.87	-0.013168	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-10.17	-0.012320	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-7.62	-0.009109	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-8.17	-0.009767	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-12.06	-0.014417	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-7.04	-0.008416	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	-2.26	-0.002702	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	-8.80	-0.010520	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	-8.13	-0.009593	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-8.15	-0.009617	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-4.23	-0.004991	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-10.20	-0.012035	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-7.64	-0.009015	±2.5	PASS

Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-8.77	-0.010348	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-8.31	-0.010054	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-11.26	-0.013624	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-8.20	-0.009921	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-6.61	-0.007998	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-5.02	-0.006074	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-5.14	-0.006219	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-7.05	-0.008428	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-7.11	-0.008500	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-13.55	-0.016198	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-8.70	-0.010400	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	-8.81	-0.010532	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	-8.64	-0.010329	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-8.65	-0.010219	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-13.16	-0.015546	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-5.85	-0.006911	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	-12.87	-0.015204	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-9.84	-0.011624	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-13.06	-0.015428	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-11.09	-0.013378	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-10.89	-0.013136	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-8.84	-0.010663	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-5.91	-0.007129	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-3.99	-0.004813	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-10.39	-0.012533	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-8.68	-0.010377	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-11.60	-0.013867	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-9.77	-0.011680	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-6.97	-0.008332	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-11.39	-0.013616	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-7.61	-0.009097	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-4.11	-0.004870	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-6.29	-0.007453	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-7.93	-0.009396	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-11.94	-0.014147	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-7.68	-0.009100	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-9.51	-0.011268	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-10.67	-0.012938	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-6.37	-0.007724	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	-9.86	-0.011956	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-10.04	-0.012174	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-10.19	-0.012356	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-8.85	-0.010731	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-6.58	-0.007979	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-7.01	-0.008500	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	-9.28	-0.011253	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-5.88	-0.007130	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-4.58	-0.005554	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	-3.66	-0.004438	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-6.09	-0.007385	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	1.93	0.002340	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-2.23	-0.002704	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	2.27	0.002753	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	3.72	0.004511	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	-9.54	-0.011568	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-4.82	-0.005762	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-6.14	-0.007340	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	-5.87	-0.007017	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-8.47	-0.010126	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-5.31	-0.006348	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	1.44	0.001721	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	-11.00	-0.013150	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-4.76	-0.005690	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-9.17	-0.010962	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-2.99	-0.003574	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-6.74	-0.008057	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	-11.26	-0.013461	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-7.10	-0.008488	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-7.04	-0.008416	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-2.90	-0.003467	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-6.01	-0.007185	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	-10.87	-0.012995	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	-10.10	-0.012074	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-10.20	-0.012024	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-7.32	-0.008629	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	-3.83	-0.004515	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-8.74	-0.010303	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-4.72	-0.005564	±2.5	PASS

Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-10.91	-0.012861	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-7.08	-0.008346	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	-8.03	-0.009466	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	-7.50	-0.008841	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	-9.57	-0.011281	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-5.18	-0.006106	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	-4.02	-0.004739	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-5.64	-0.006649	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-10.51	-0.012389	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-9.31	-0.010975	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	-9.86	-0.011623	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	-8.20	-0.009666	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	-6.81	-0.008028	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	-10.07	-0.012199	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	-9.33	-0.011302	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	-8.80	-0.010660	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-9.97	-0.012078	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-8.43	-0.010212	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	-8.57	-0.010382	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	-6.31	-0.007644	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	-9.98	-0.012090	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	-7.35	-0.008904	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	-11.52	-0.013955	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-4.56	-0.005524	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	-10.57	-0.012804	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	-9.96	-0.012065	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	-7.71	-0.009340	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-9.87	-0.011956	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	-7.37	-0.008928	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	-2.96	-0.003586	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	-8.64	-0.010466	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-7.57	-0.009050	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-13.82	-0.016521	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	-9.60	-0.011476	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-12.13	-0.014501	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-7.08	-0.008464	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-13.78	-0.016473	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-9.04	-0.010807	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-9.78	-0.011692	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	-12.80	-0.015302	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-7.37	-0.008811	±2.5	PASS

Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-5.97	-0.007137	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	-7.27	-0.008691	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	-11.06	-0.013222	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-5.26	-0.006288	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	-8.65	-0.010341	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	-4.19	-0.005009	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	-5.82	-0.006958	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	-9.03	-0.010795	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-6.58	-0.007764	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-8.35	-0.009853	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	-9.27	-0.010938	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-3.93	-0.004637	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-8.91	-0.010513	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-8.48	-0.010006	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	-7.48	-0.008826	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	-7.44	-0.008779	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	-6.08	-0.007174	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	-8.67	-0.010230	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-8.54	-0.010077	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	-7.54	-0.008897	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-7.52	-0.008873	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-7.37	-0.008696	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-7.54	-0.008897	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	-7.97	-0.009404	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	-5.46	-0.006442	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	-9.07	-0.010702	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-9.28	-0.011228	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-8.60	-0.010405	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	-9.13	-0.011047	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-14.79	-0.017895	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-11.03	-0.013345	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-11.01	-0.013321	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-11.43	-0.013829	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	-11.56	-0.013987	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	-5.32	-0.006437	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	-9.13	-0.011047	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	-7.38	-0.008929	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	-4.91	-0.005941	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-9.28	-0.011228	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-13.36	-0.016165	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-14.13	-0.017096	±2.5	PASS

Band5	5MHz	16QAM	20425	25RB#0	NV	30	-4.51	-0.005457	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	-5.51	-0.006667	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	-6.72	-0.008131	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-10.04	-0.012002	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-7.87	-0.009408	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	-10.74	-0.012839	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-9.94	-0.011883	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-6.58	-0.007866	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-10.21	-0.012206	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	-7.62	-0.009109	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-5.89	-0.007041	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	-4.19	-0.005009	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	-9.56	-0.011429	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	-13.33	-0.015935	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-10	-5.54	-0.006623	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	-7.44	-0.008894	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-8.14	-0.009731	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-10.86	-0.012983	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	-8.84	-0.010568	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	-7.14	-0.008536	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	-5.66	-0.006766	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	-7.52	-0.008884	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-7.47	-0.008825	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	-8.18	-0.009663	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	-11.72	-0.013845	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-7.98	-0.009427	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-8.23	-0.009722	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	-11.30	-0.013349	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	-12.92	-0.015263	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	-10.06	-0.011884	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	-10.44	-0.012333	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	-8.85	-0.010455	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-10	-12.55	-0.014826	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	-9.76	-0.011530	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	-8.11	-0.009581	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	-6.57	-0.007761	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	-8.65	-0.010219	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	-6.82	-0.008057	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	50	-9.40	-0.011105	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-6.75	-0.008142	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-8.87	-0.010700	±2.5	PASS

Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-12.29	-0.014825	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-10.51	-0.012678	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-11.60	-0.013993	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-4.36	-0.005259	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-8.18	-0.009867	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-7.61	-0.009180	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-11.87	-0.014318	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-11.26	-0.013583	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-7.65	-0.009228	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	-11.64	-0.014041	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-10.23	-0.012340	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-9.34	-0.011267	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-10.44	-0.012593	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-9.74	-0.011749	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-5.32	-0.006417	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-7.68	-0.009264	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-5.97	-0.007137	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-8.24	-0.009851	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-8.87	-0.010604	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-4.68	-0.005595	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-7.58	-0.009062	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-8.45	-0.010102	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	2.80	0.003347	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-2.37	-0.002833	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-3.43	-0.004100	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-11.42	-0.013652	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-9.94	-0.011883	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	3.49	0.004172	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-10.61	-0.012684	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-11.17	-0.013353	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-10.40	-0.012433	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-4.63	-0.005535	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-6.28	-0.007507	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-6.64	-0.007938	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-4.43	-0.005249	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-9.21	-0.010912	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-12.15	-0.014396	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-12.33	-0.014609	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-11.33	-0.013424	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-8.28	-0.009810	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-7.21	-0.008543	±2.5	PASS

Band5	10MHz	QPSK	20600	50RB#0	NV	40	-9.41	-0.011149	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-7.31	-0.008661	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-3.42	-0.004052	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-7.62	-0.009028	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	-13.85	-0.016410	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-7.93	-0.009396	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-8.10	-0.009597	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-12.63	-0.014964	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-12.29	-0.014562	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-5.91	-0.007002	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-6.94	-0.008223	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	PASS
Band5	3MHz	QPSK	20415	15RB#0	PASS
Band5	3MHz	16QAM	20415	15RB#0	PASS
Band5	3MHz	QPSK	20525	15RB#0	PASS
Band5	3MHz	16QAM	20525	15RB#0	PASS
Band5	3MHz	QPSK	20635	15RB#0	PASS
Band5	3MHz	16QAM	20635	15RB#0	PASS
Band5	5MHz	QPSK	20425	25RB#0	PASS
Band5	5MHz	16QAM	20425	25RB#0	PASS
Band5	5MHz	QPSK	20525	25RB#0	PASS
Band5	5MHz	16QAM	20525	25RB#0	PASS
Band5	5MHz	QPSK	20625	25RB#0	PASS
Band5	5MHz	16QAM	20625	25RB#0	PASS
Band5	10MHz	QPSK	20450	50RB#0	PASS
Band5	10MHz	16QAM	20450	50RB#0	PASS
Band5	10MHz	QPSK	20525	50RB#0	PASS
Band5	10MHz	16QAM	20525	50RB#0	PASS
Band5	10MHz	QPSK	20600	50RB#0	PASS
Band5	10MHz	16QAM	20600	50RB#0	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0-PASS	Band5-1.4MHz-16QAM-20407-6RB#0-PASS
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