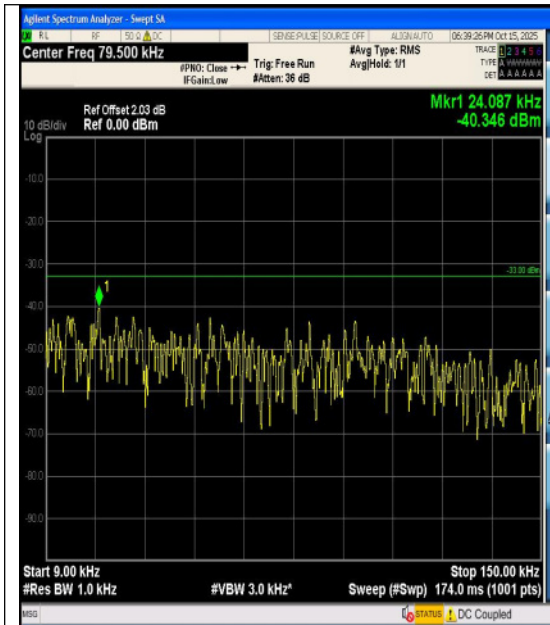
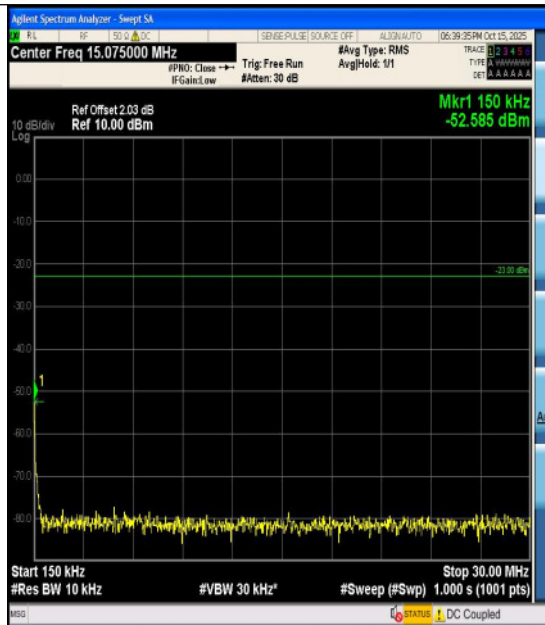
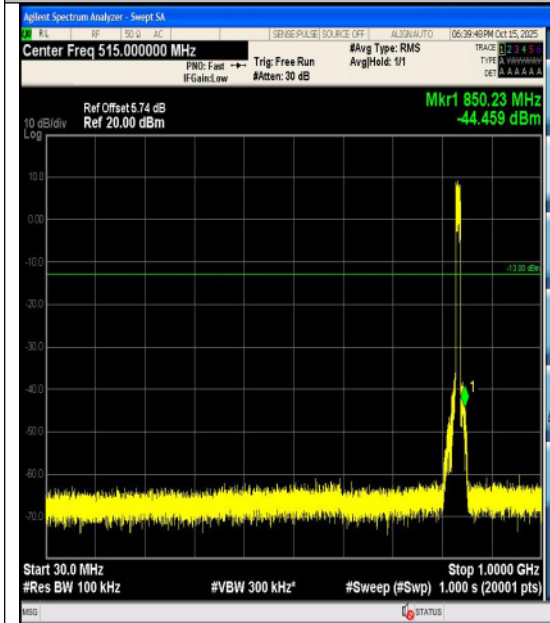




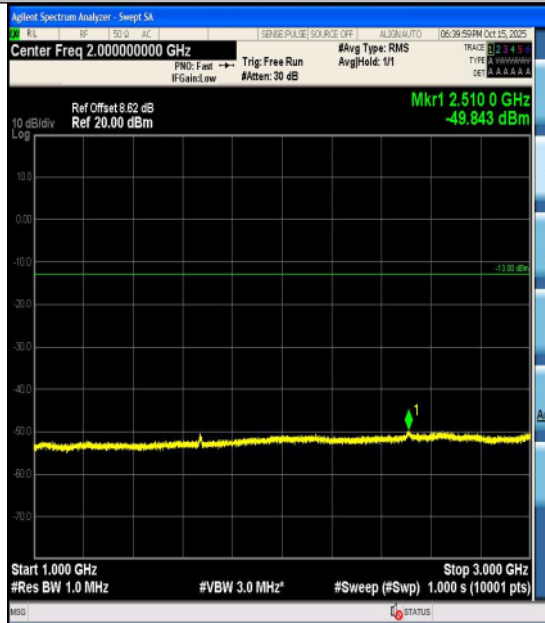
Band5-10MHz-QPSK-20525-50RB#0-30~1000-P
ASS



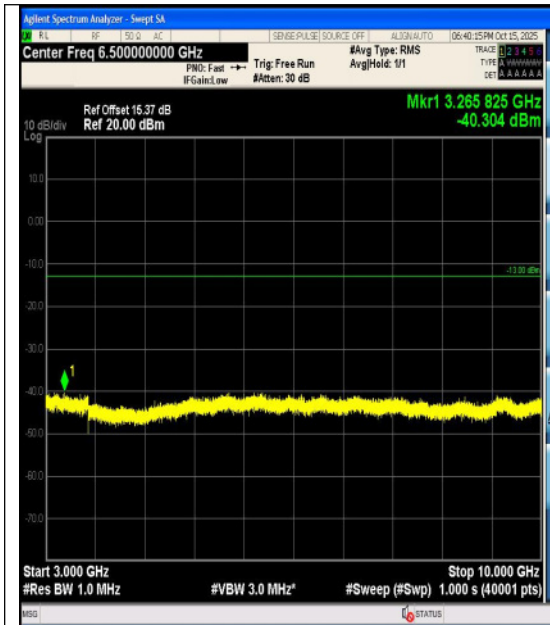
Band5-10MHz-QPSK-20525-50RB#0-1000~300
0-PASS



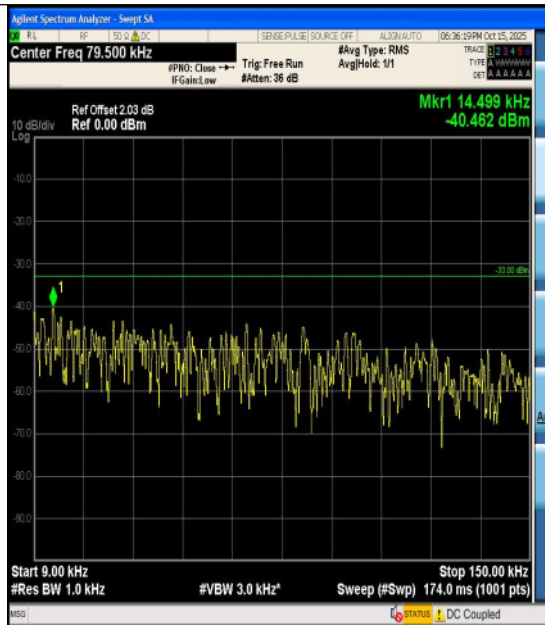
Band5-10MHz-QPSK-20525-50RB#0-3000~100
00-PASS



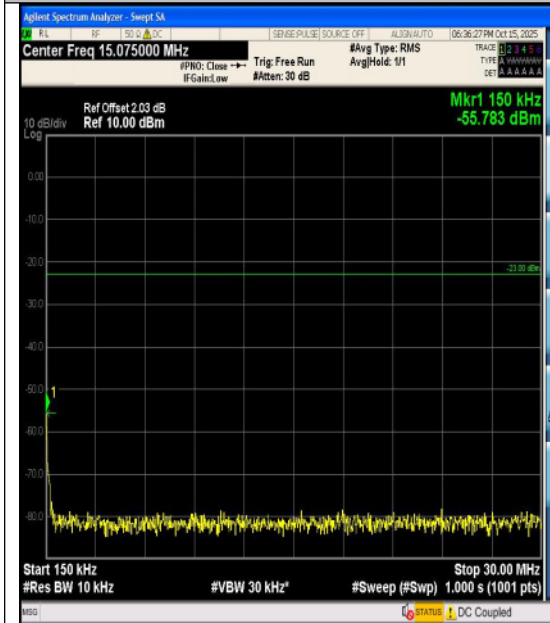
Band5-10MHz-16QAM-20525-1RB#0-0.009~0.1
5-PASS



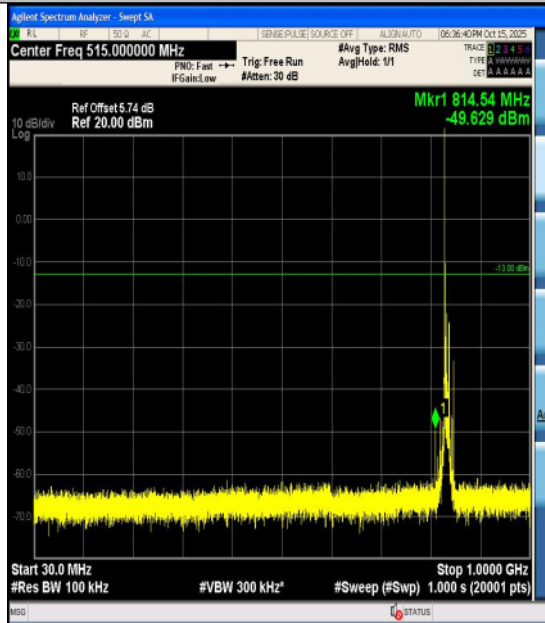
Band5-10MHz-16QAM-20525-1RB#0-0.15~30-P
ASS



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



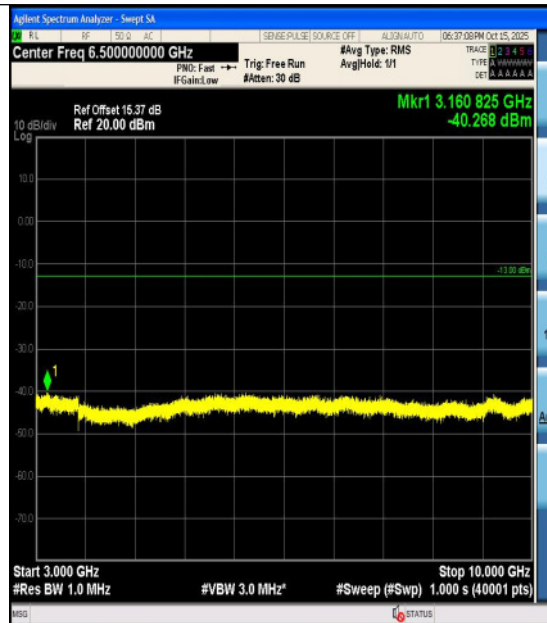
Band5-10MHz-16QAM-20525-1RB#0-1000~300
0-PASS



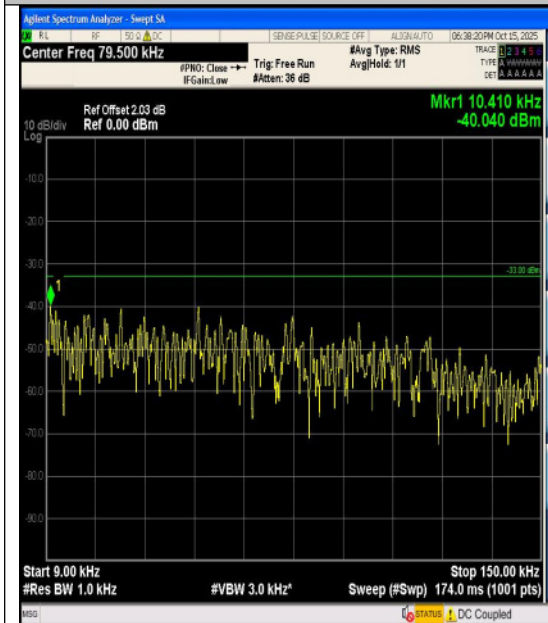
Band5-10MHz-16QAM-20525-1RB#0-3000~100
00-PASS



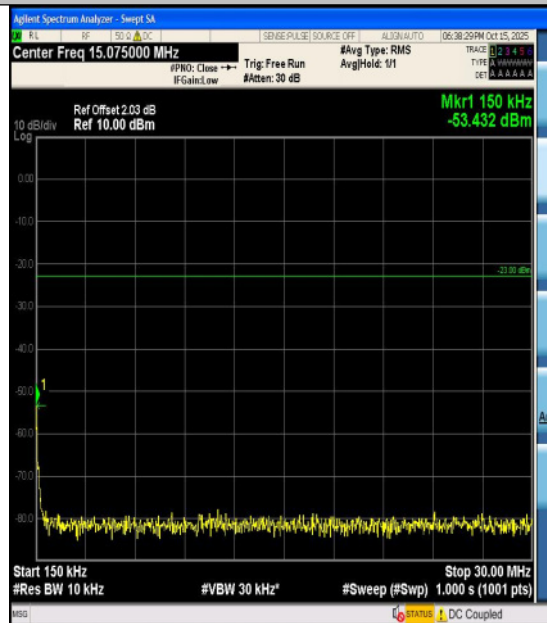
Band5-10MHz-16QAM-20525-1RB#49-0.009~0.
15-PASS



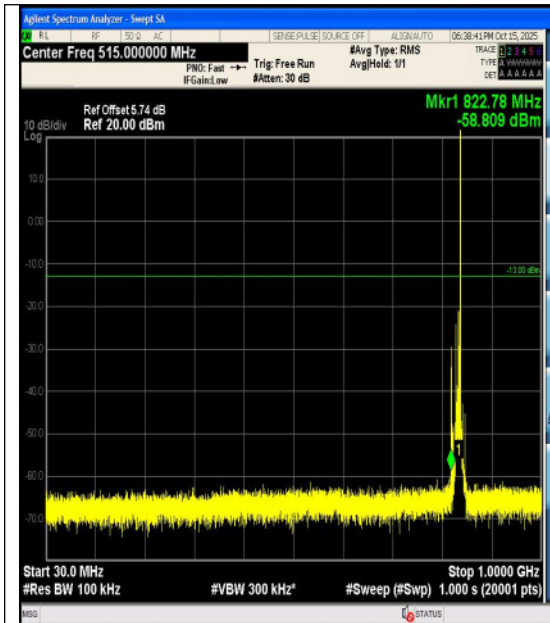
Band5-10MHz-16QAM-20525-1RB#49-0.15~30-
PASS



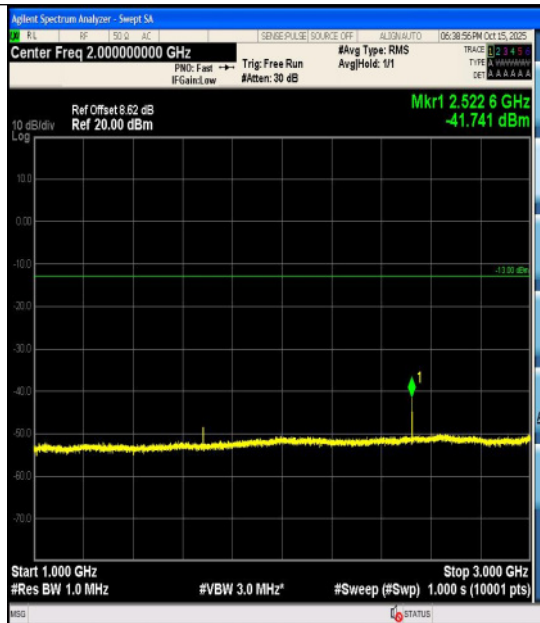
Band5-10MHz-16QAM-20525-1RB#49-30~1000-
PASS



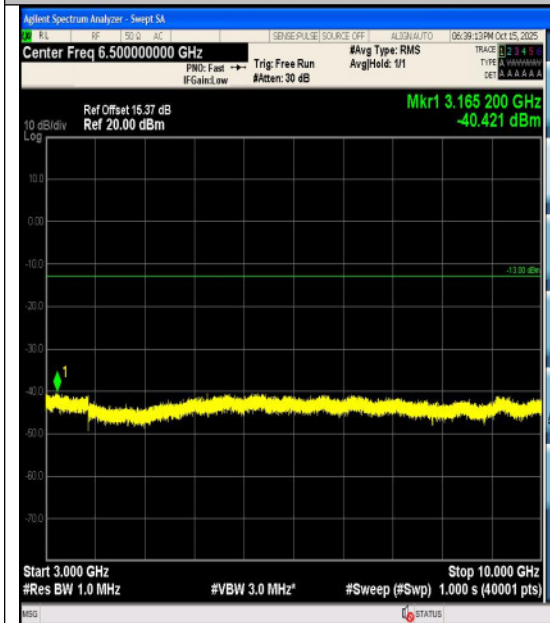
Band5-10MHz-16QAM-20525-1RB#49-1000~30
00-PASS



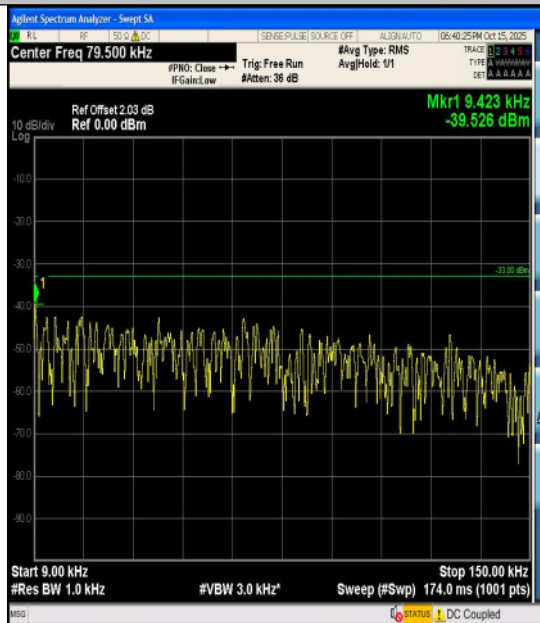
Band5-10MHz-16QAM-20525-1RB#49-3000~10
000-PASS



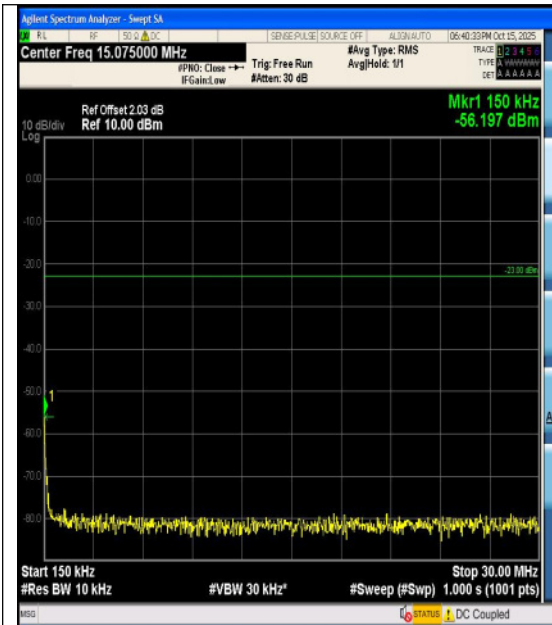
Band5-10MHz-16QAM-20525-50RB#0-0.009~0.
15-PASS



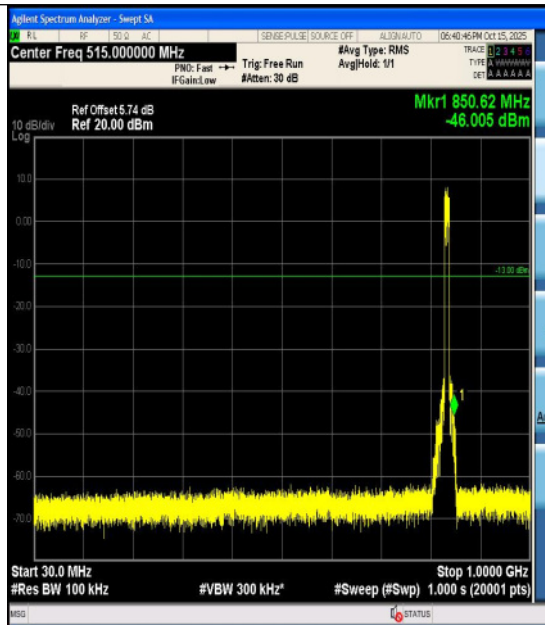
Band5-10MHz-16QAM-20525-50RB#0-0.15~30-
PASS



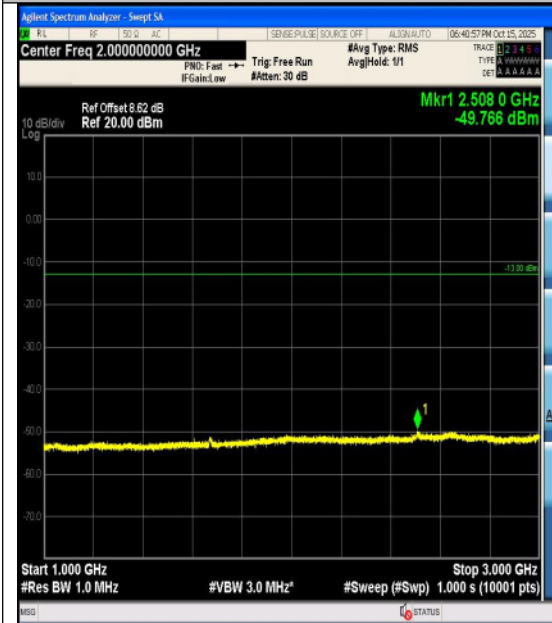
Band5-10MHz-16QAM-20525-50RB#0-30~1000-
PASS



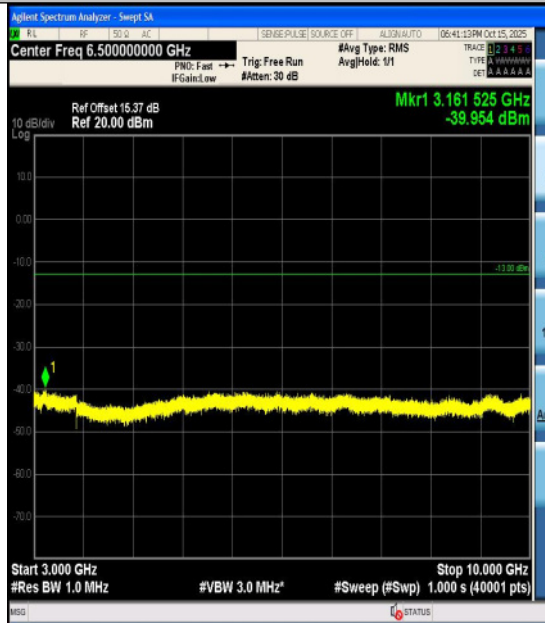
Band5-10MHz-16QAM-20525-50RB#0-1000~30
00-PASS



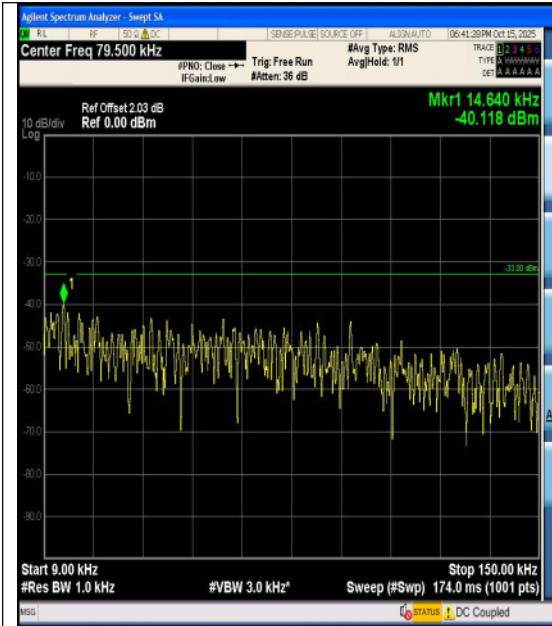
Band5-10MHz-16QAM-20525-50RB#0-3000~10
000-PASS



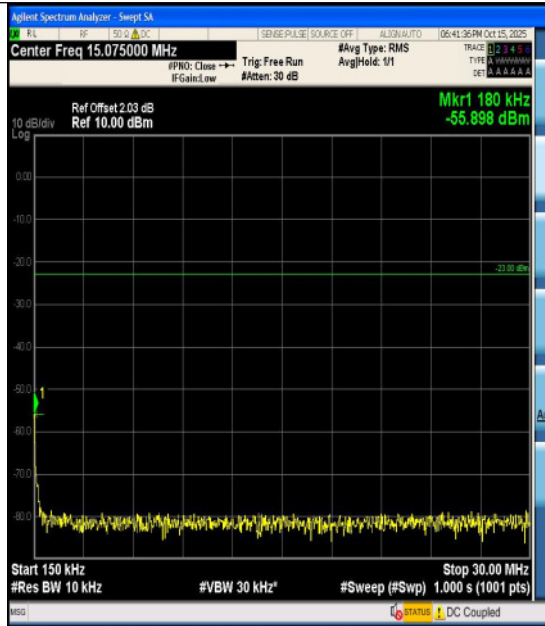
Band5-10MHz-QPSK-20600-1RB#0-0.009~0.15-
PASS



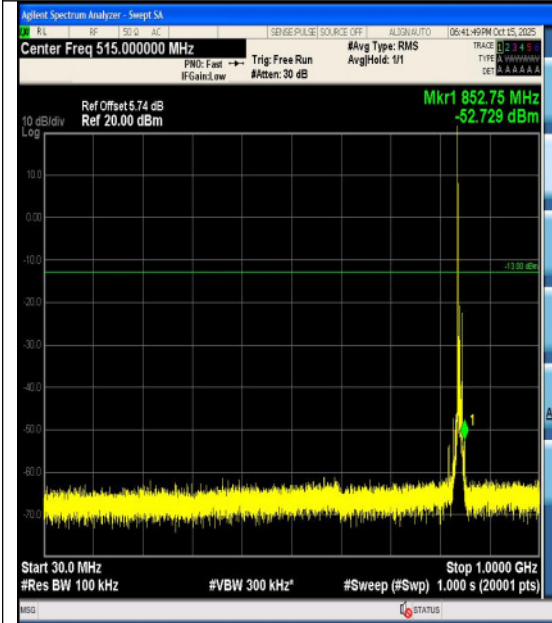
Band5-10MHz-QPSK-20600-1RB#0-0.15~30-PA
SS



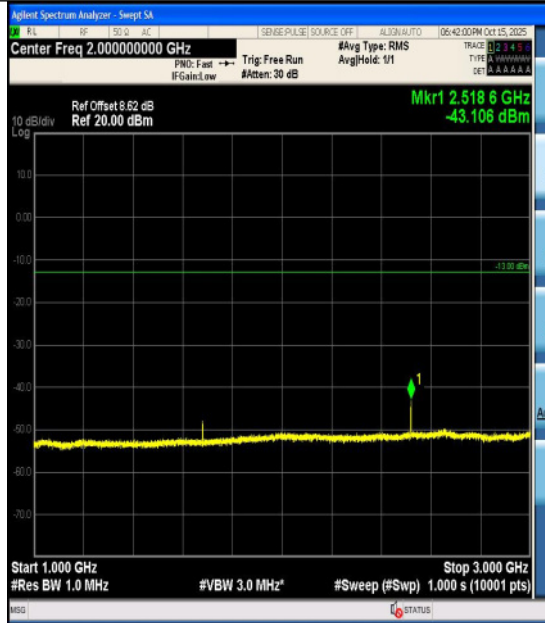
Band5-10MHz-QPSK-20600-1RB#0-30~1000-P
ASS



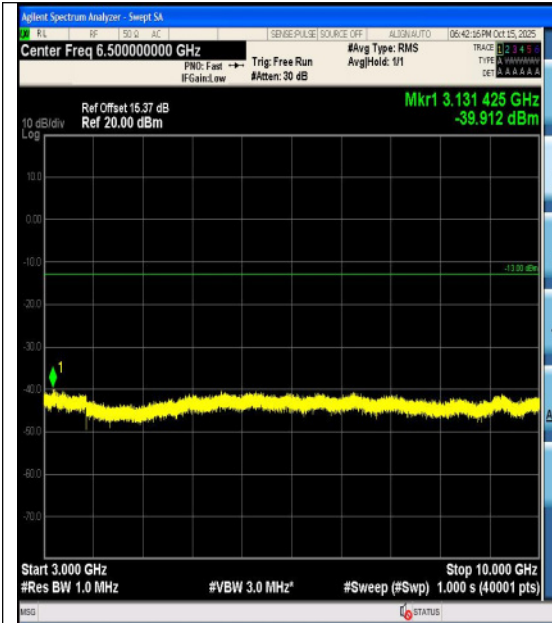
Band5-10MHz-QPSK-20600-1RB#0-1000~3000-
PASS



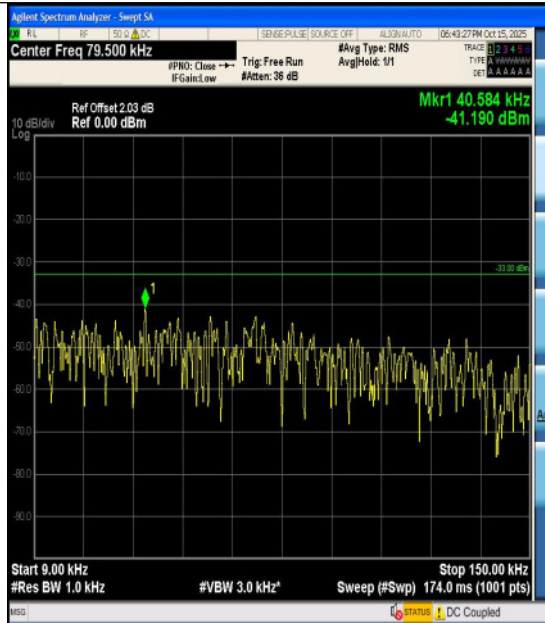
Band5-10MHz-QPSK-20600-1RB#0-3000~1000
0-PASS



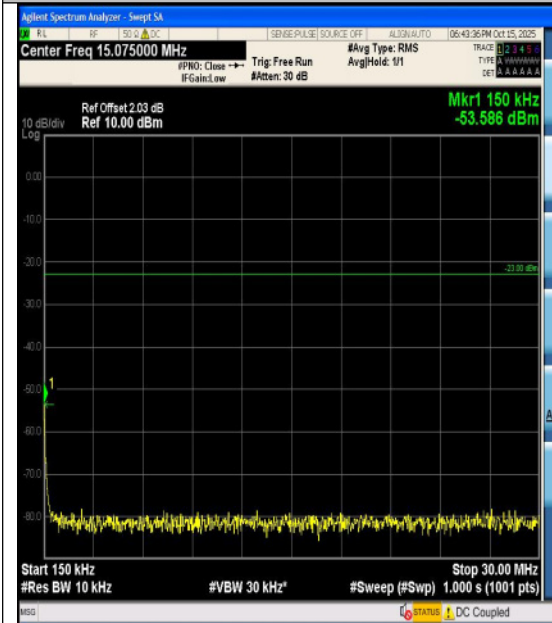
Band5-10MHz-QPSK-20600-1RB#49-0.009~0.1
5-PASS



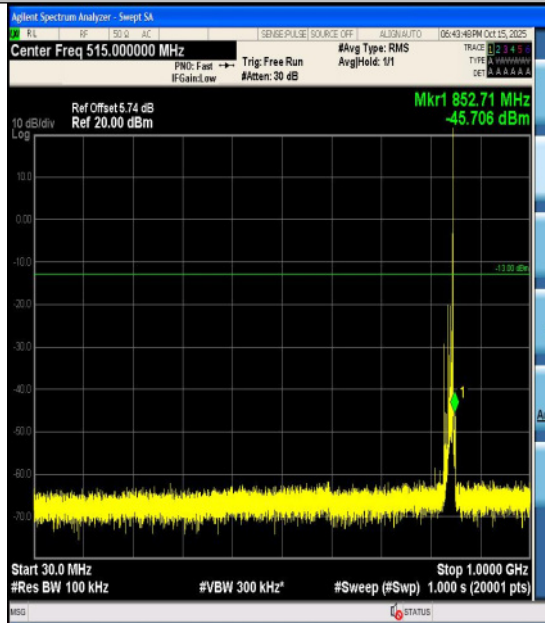
Band5-10MHz-QPSK-20600-1RB#49-0.15~30-P
ASS



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



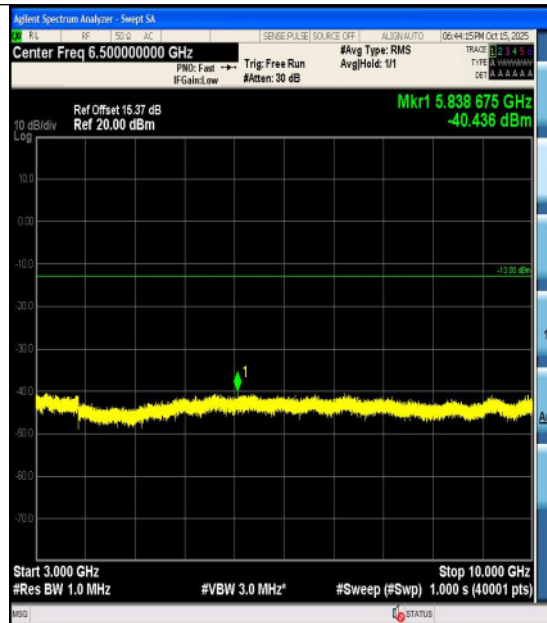
Band5-10MHz-QPSK-20600-1RB#49-1000~300
0-PASS



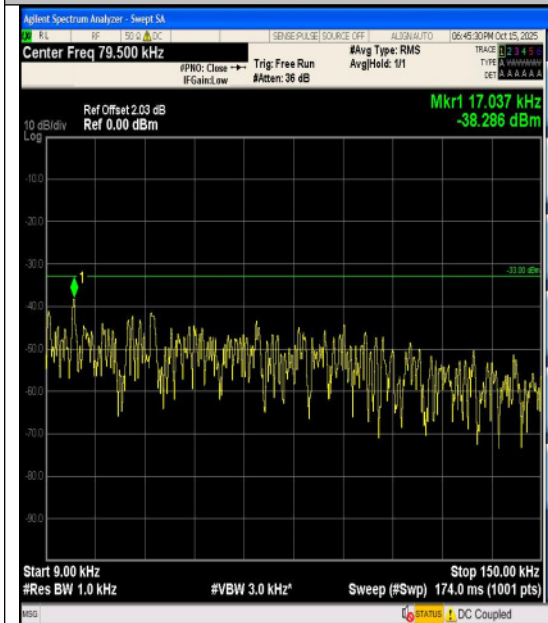
Band5-10MHz-QPSK-20600-1RB#49-3000~100
00-PASS



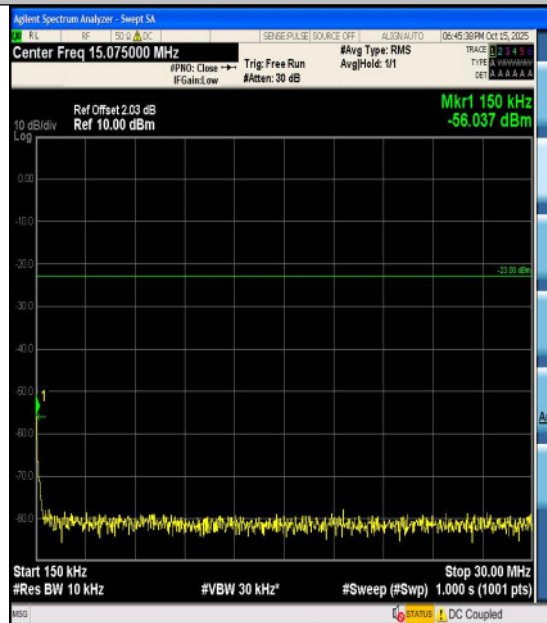
Band5-10MHz-QPSK-20600-50RB#0-0.009~0.1
5-PASS



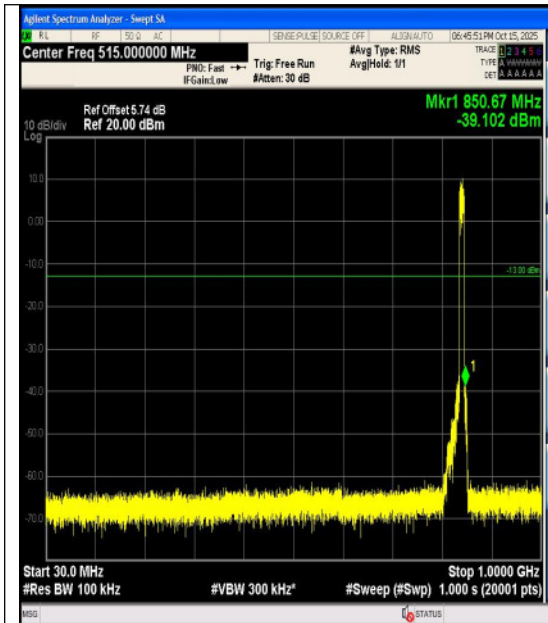
Band5-10MHz-QPSK-20600-50RB#0-0.15~30-P
ASS



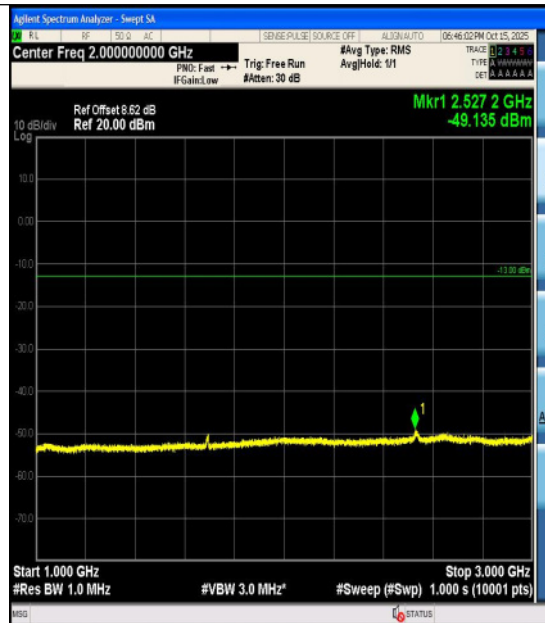
Band5-10MHz-QPSK-20600-50RB#0-30~1000-P
ASS



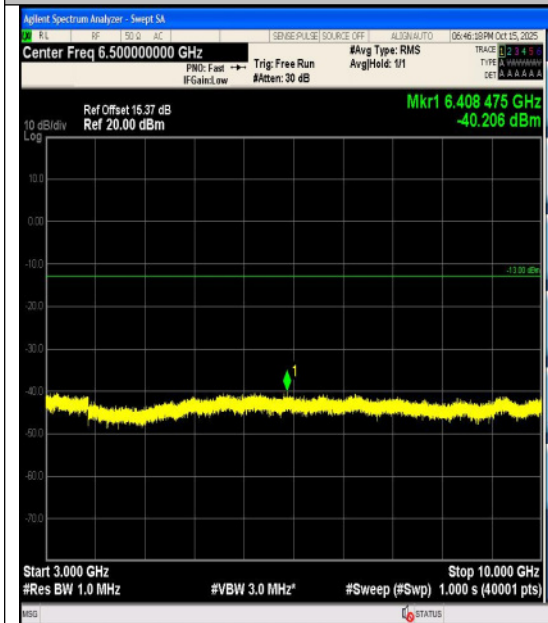
Band5-10MHz-QPSK-20600-50RB#0-1000~300
0-PASS



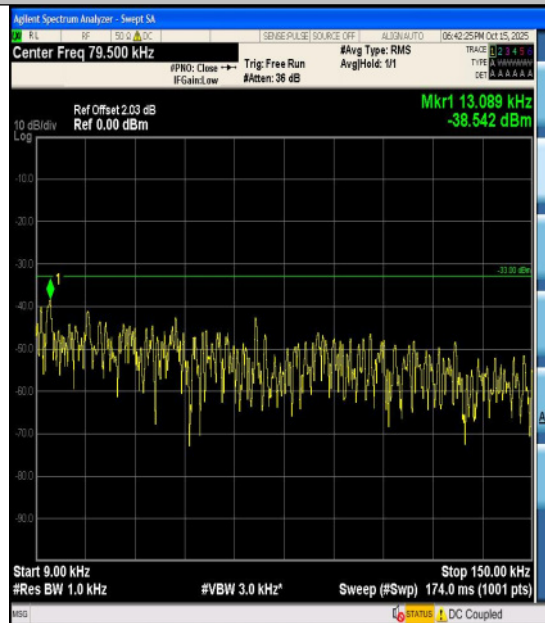
Band5-10MHz-QPSK-20600-50RB#0-3000~100
00-PASS



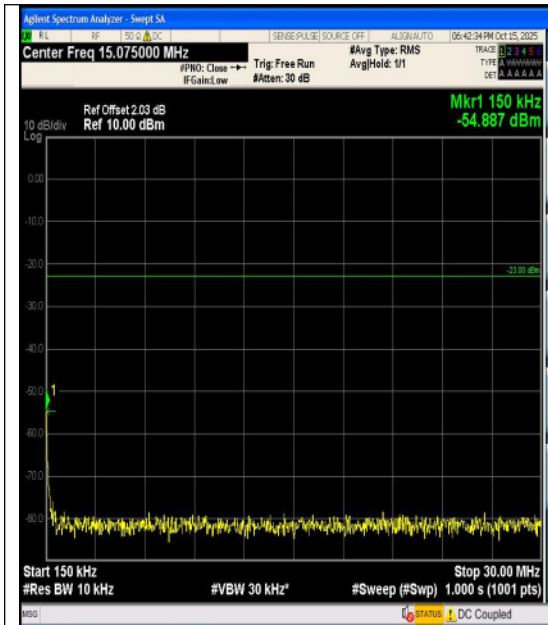
Band5-10MHz-16QAM-20600-1RB#0-0.009~0.1
5-PASS



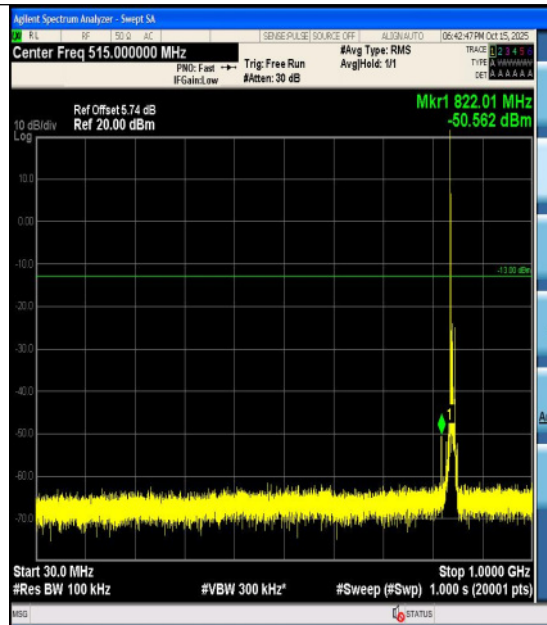
Band5-10MHz-16QAM-20600-1RB#0-0.15~30-P
ASS



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



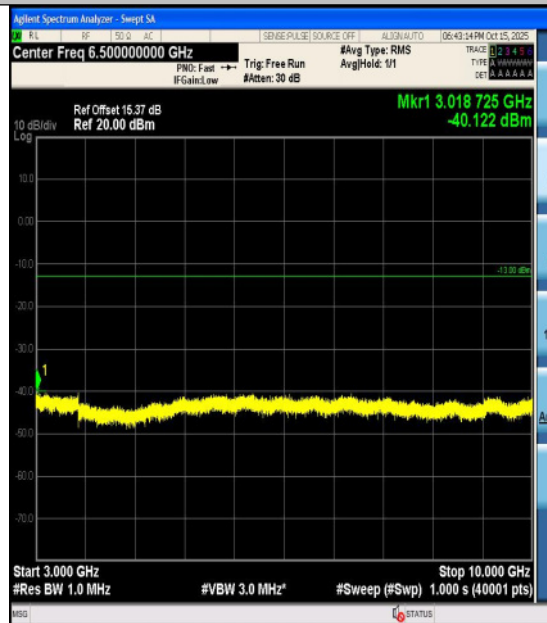
Band5-10MHz-16QAM-20600-1RB#0-1000~300
0-PASS



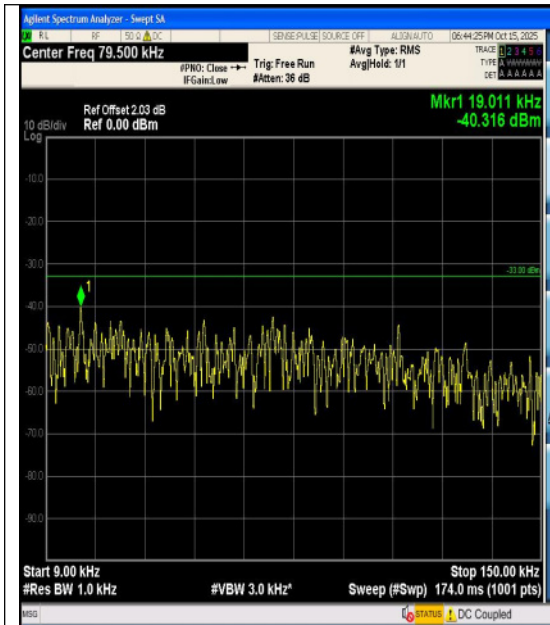
Band5-10MHz-16QAM-20600-1RB#0-3000~100
00-PASS



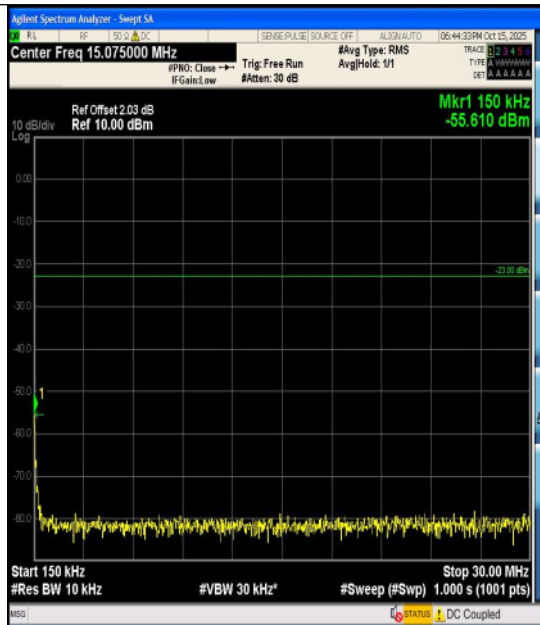
Band5-10MHz-16QAM-20600-1RB#49-0.009~0.
15-PASS



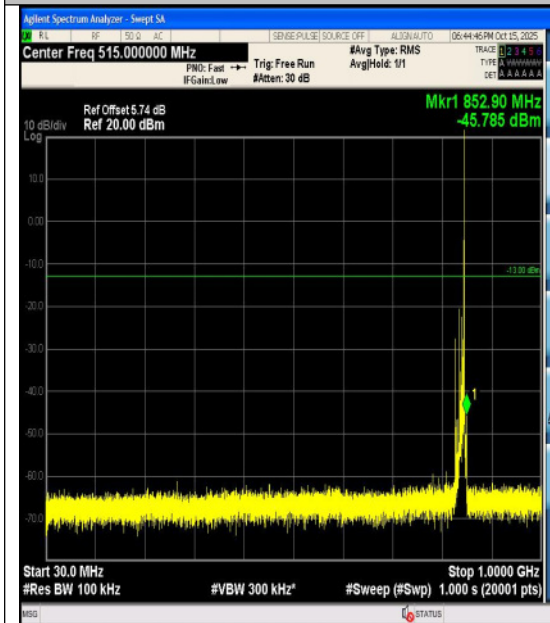
Band5-10MHz-16QAM-20600-1RB#49-0.15~30-
PASS



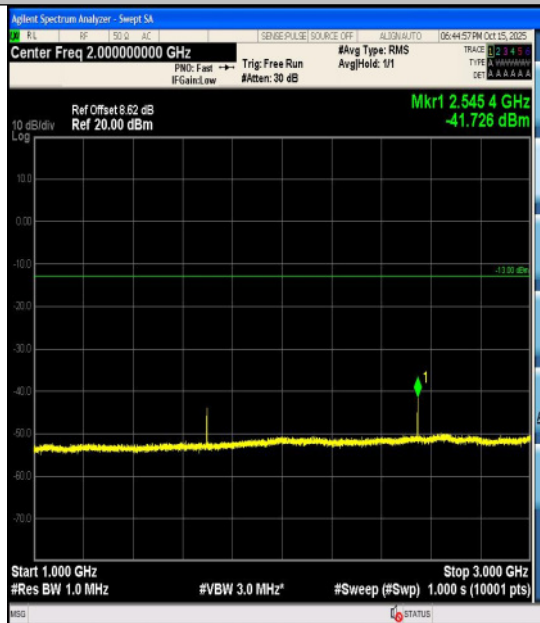
Band5-10MHz-16QAM-20600-1RB#49-30~1000-
PASS



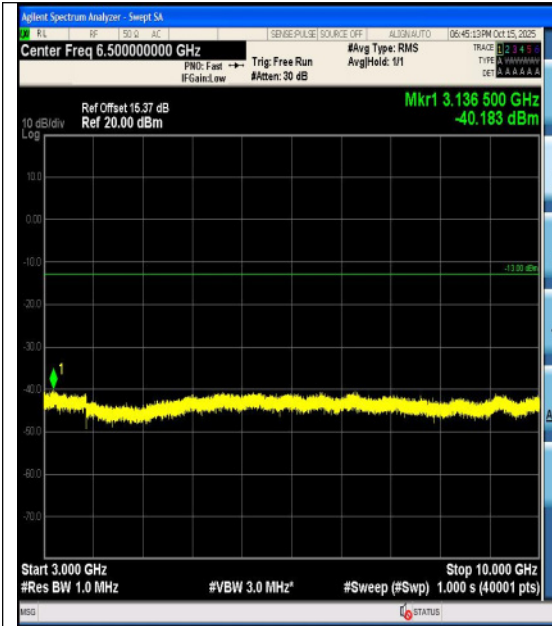
Band5-10MHz-16QAM-20600-1RB#49-1000~30
00-PASS



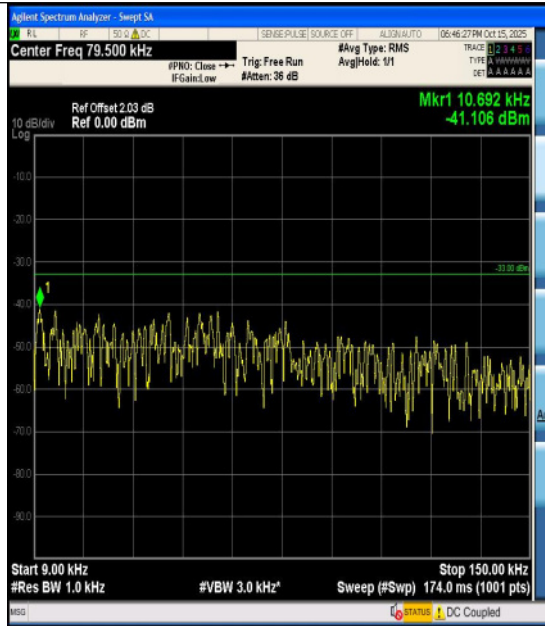
Band5-10MHz-16QAM-20600-1RB#49-3000~10
000-PASS



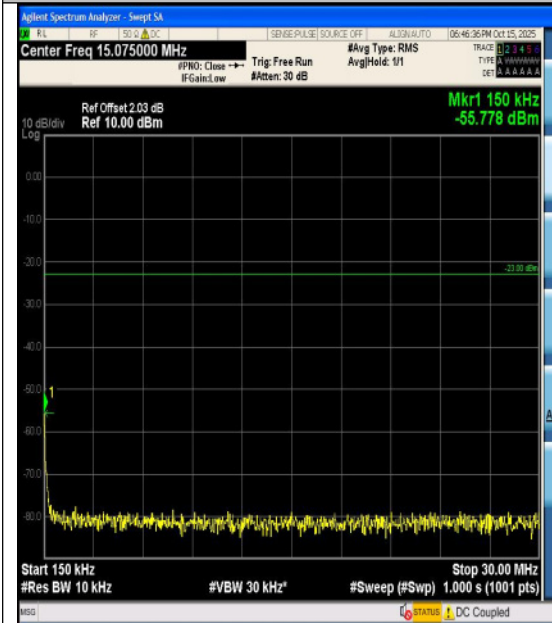
Band5-10MHz-16QAM-20600-50RB#0-0.009~0.
15-PASS



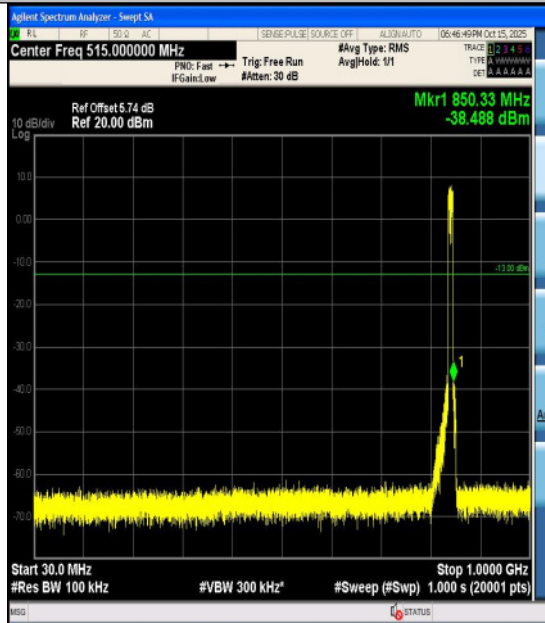
Band5-10MHz-16QAM-20600-50RB#0-0.15~30-
PASS



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

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-22.72	-0.027549	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-15.51	-0.018807	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-25.86	-0.031357	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-9.73	-0.011798	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-22.85	-0.027707	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-14.63	-0.017740	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-23.73	-0.028368	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-16.15	-0.019307	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-4.48	-0.005356	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-26.88	-0.032134	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-7.81	-0.009337	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-9.46	-0.011309	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-32.52	-0.038335	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-33.72	-0.039750	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-17.21	-0.020288	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	13.53	0.015950	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-20.54	-0.024213	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	4.61	0.005434	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-26.56	-0.032174	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	-41.91	-0.050769	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-36.02	-0.043634	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-22.93	-0.027777	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	-14.61	-0.017698	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-35.32	-0.042786	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-40.18	-0.048033	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-27.21	-0.032528	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-39.12	-0.046766	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-38.44	-0.045953	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	-17.55	-0.020980	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	-23.20	-0.027735	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	-37.06	-0.043729	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-37.31	-0.044024	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-27.75	-0.032743	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-15.55	-0.018348	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-25.95	-0.030619	±2.5	PASS

Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-28.20	-0.033274	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-39.18	-0.047405	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-9.56	-0.011567	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-27.15	-0.032849	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	11.72	0.014180	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-15.45	-0.018693	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-12.93	-0.015644	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-24.25	-0.028990	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-22.42	-0.026802	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-25.05	-0.029946	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	6.17	0.007376	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	-8.20	-0.009803	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	-34.23	-0.040921	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-38.64	-0.045647	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-17.80	-0.021028	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-12.26	-0.014483	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	-8.35	-0.009864	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-17.75	-0.020969	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-16.45	-0.019433	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-18.08	-0.021809	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-7.78	-0.009385	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-18.05	-0.021773	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-16.19	-0.019530	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-18.30	-0.022075	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-12.70	-0.015320	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-27.51	-0.032887	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-28.28	-0.033808	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-18.01	-0.021530	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-30.94	-0.036987	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-31.97	-0.038219	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-27.87	-0.033317	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-32.52	-0.038531	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-7.62	-0.009028	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-17.62	-0.020877	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-21.29	-0.025225	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-15.58	-0.018460	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-11.24	-0.013318	±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	-14.76	-0.017897	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-35.98	-0.043628	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	-14.89	-0.018055	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-30.46	-0.036935	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-13.35	-0.016188	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-26.41	-0.032024	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-13.52	-0.016394	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-16.79	-0.020359	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	-25.94	-0.031454	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	19.30	0.023402	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-15.51	-0.018807	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	-14.69	-0.017813	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-9.64	-0.011689	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-10.46	-0.012683	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	6.31	0.007651	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	-28.24	-0.034243	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	-17.65	-0.021402	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	-22.09	-0.026785	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-17.29	-0.020669	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-5.21	-0.006228	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	3.91	0.004674	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-27.11	-0.032409	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-18.51	-0.022128	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-5.52	-0.006599	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	-31.44	-0.037585	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-14.96	-0.017884	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-7.24	-0.008655	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-35.76	-0.042750	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-12.90	-0.015421	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	-24.20	-0.028930	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-14.78	-0.017669	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	9.53	0.011393	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-18.73	-0.022391	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	6.84	0.008177	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	-31.20	-0.037298	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	-25.72	-0.030747	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-28.57	-0.033679	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-9.98	-0.011765	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	-27.45	-0.032359	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-22.10	-0.026052	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-15.09	-0.017789	±2.5	PASS

Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-30.84	-0.036355	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-18.57	-0.021891	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	-32.87	-0.038748	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	-22.13	-0.026087	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	-12.97	-0.015289	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-9.78	-0.011529	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	-21.66	-0.025533	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	10.59	0.012484	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-28.97	-0.034151	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-9.74	-0.011482	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	-10.13	-0.011942	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	-33.97	-0.040045	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	-24.09	-0.028398	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	-32.73	-0.039649	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	-37.11	-0.044955	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	-20.89	-0.025306	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-34.66	-0.041987	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-32.34	-0.039176	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	-30.68	-0.037165	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	-16.48	-0.019964	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	-47.18	-0.057153	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	-39.61	-0.047983	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	-30.36	-0.036778	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-22.24	-0.026941	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	-29.10	-0.035251	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	-37.75	-0.045730	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	-33.57	-0.040666	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-25.96	-0.031448	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	-29.77	-0.036063	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	-33.50	-0.040581	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	-13.73	-0.016632	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-30.28	-0.036198	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-27.02	-0.032301	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	-39.95	-0.047759	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-25.39	-0.030353	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-29.50	-0.035266	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-37.21	-0.044483	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-30.33	-0.036258	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-30.74	-0.036748	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	-34.78	-0.041578	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-23.47	-0.028057	±2.5	PASS

Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-17.08	-0.020418	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	-20.16	-0.024100	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	-11.22	-0.013413	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-19.24	-0.023001	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	-24.15	-0.028870	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	-37.85	-0.045248	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	-33.19	-0.039677	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	-27.14	-0.032445	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-25.15	-0.029676	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-29.47	-0.034773	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	-26.22	-0.030938	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-26.19	-0.030903	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-40.41	-0.047681	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-15.05	-0.017758	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	-22.44	-0.026478	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	-14.48	-0.017086	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	-34.13	-0.040271	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	-35.26	-0.041605	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-27.05	-0.031917	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	-10.29	-0.012142	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-21.14	-0.024944	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-36.42	-0.042973	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-22.07	-0.026041	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	-12.83	-0.015139	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	-34.80	-0.041062	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	-36.65	-0.043245	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-11.33	-0.013708	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-15.89	-0.019226	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	-35.75	-0.043255	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-30.11	-0.036431	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-30.23	-0.036576	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-13.28	-0.016068	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-30.54	-0.036951	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	-11.82	-0.014301	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	-17.64	-0.021343	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	-23.30	-0.028191	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	-22.47	-0.027187	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	-13.00	-0.015729	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	8.24	0.009970	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	7.60	0.009195	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-16.47	-0.019927	±2.5	PASS

Band5	5MHz	16QAM	20425	25RB#0	NV	30	-12.99	-0.015717	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	-23.85	-0.028857	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	-14.49	-0.017532	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-31.10	-0.037179	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-13.69	-0.016366	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	3.36	0.004017	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-17.44	-0.020849	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-19.37	-0.023156	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-15.19	-0.018159	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	-19.70	-0.023551	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-28.32	-0.033855	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	-24.78	-0.029623	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	-12.70	-0.015182	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	-26.91	-0.032170	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-10	-9.30	-0.011118	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	-9.70	-0.011596	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-24.52	-0.029313	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	7.17	0.008571	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	-15.05	-0.017992	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	-11.14	-0.013317	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	13.88	0.016593	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	-20.84	-0.024619	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-27.27	-0.032215	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	-35.03	-0.041382	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	-15.45	-0.018252	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-28.11	-0.033207	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-22.42	-0.026486	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	-30.36	-0.035865	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	-20.06	-0.023698	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	-13.85	-0.016361	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	12.97	0.015322	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	-23.29	-0.027513	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-10	-7.55	-0.008919	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	-25.45	-0.030065	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	-10.99	-0.012983	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	-17.04	-0.020130	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	-8.10	-0.009569	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	-27.38	-0.032345	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	50	5.76	0.006804	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-19.98	-0.024101	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-13.33	-0.016080	±2.5	PASS

Band5	10MHz	QPSK	20450	50RB#0	NV	-10	6.31	0.007612	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-22.14	-0.026707	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-6.35	-0.007660	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	21.01	0.025344	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-17.34	-0.020917	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-5.02	-0.006055	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-26.69	-0.032195	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	16.81	0.020277	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	7.68	0.009264	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	-6.78	-0.008179	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	11.43	0.013788	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-13.53	-0.016321	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	9.87	0.011906	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-7.37	-0.008890	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-27.41	-0.033064	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	5.91	0.007129	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-34.98	-0.041817	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-12.03	-0.014381	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-22.03	-0.026336	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-14.35	-0.017155	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-22.80	-0.027256	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-26.88	-0.032134	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-19.98	-0.023885	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-18.15	-0.021698	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-20.38	-0.024363	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-10.87	-0.012995	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-31.53	-0.037693	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	-31.96	-0.038207	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-21.80	-0.026061	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-16.16	-0.019319	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-18.48	-0.022092	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-11.49	-0.013736	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-4.82	-0.005762	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-27.51	-0.032887	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-27.55	-0.032642	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-36.56	-0.043318	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-18.83	-0.022310	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-31.30	-0.037085	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-18.73	-0.022192	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-26.14	-0.030972	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-8.77	-0.010391	±2.5	PASS

Band5	10MHz	QPSK	20600	50RB#0	NV	40	-29.67	-0.035154	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-33.63	-0.039846	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	8.10	0.009597	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	5.61	0.006647	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	-11.99	-0.014206	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-15.32	-0.018152	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	6.85	0.008116	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	15.01	0.017784	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	2.99	0.003543	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	13.90	0.016469	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-13.16	-0.015592	±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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