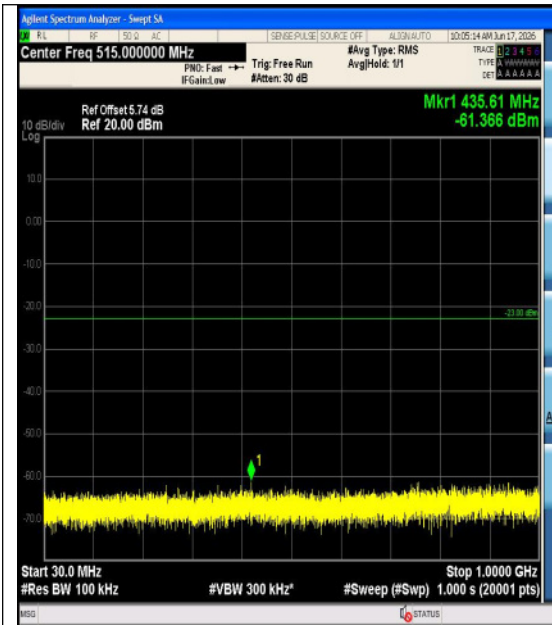
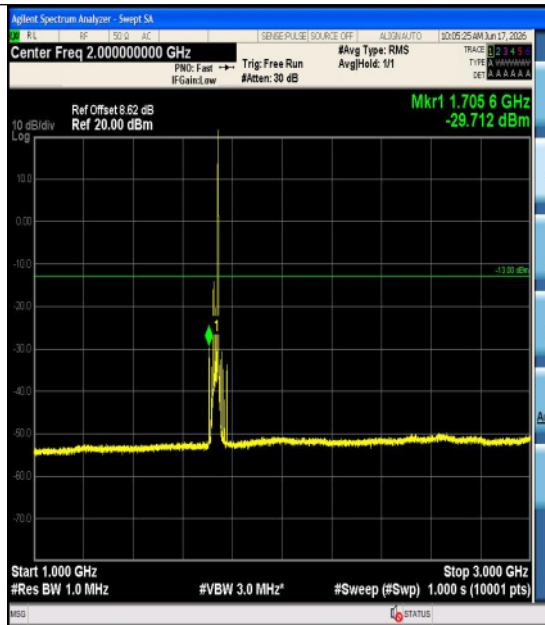
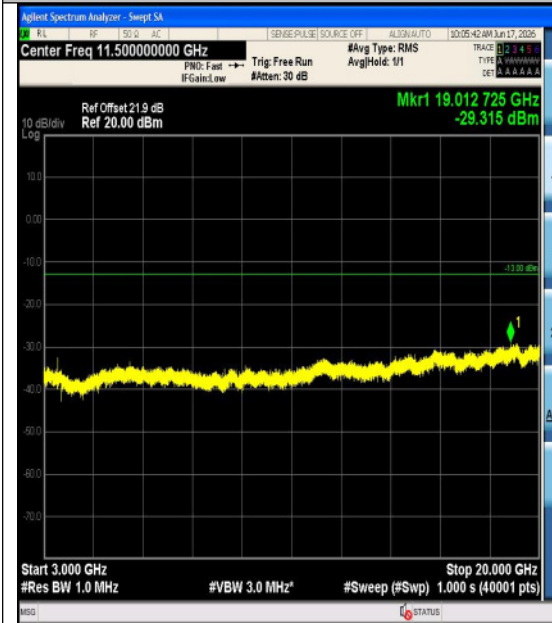




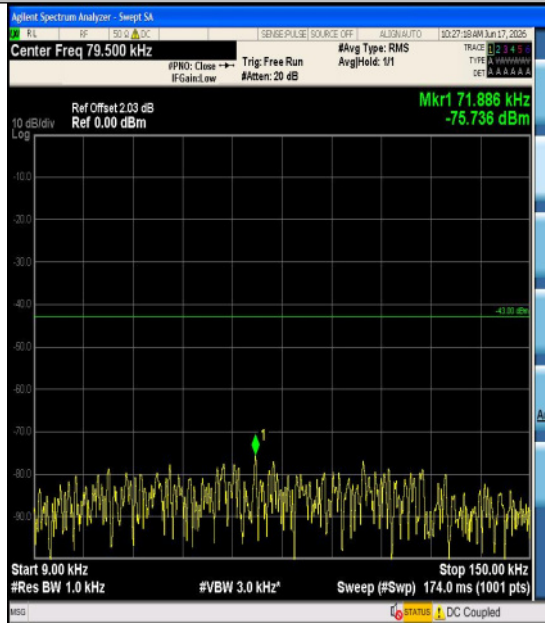
Band4-20MHz-QPSK-20175-1RB#99-3000~200
00-PASS



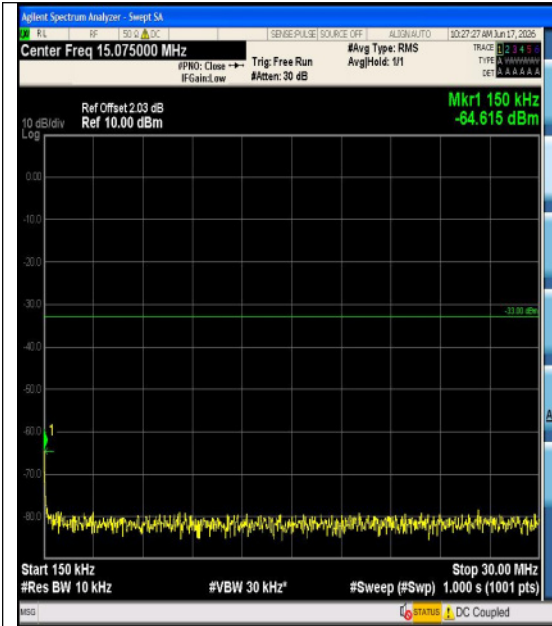
Band4-20MHz-QPSK-20175-100RB#0-0.009~0.
15-PASS



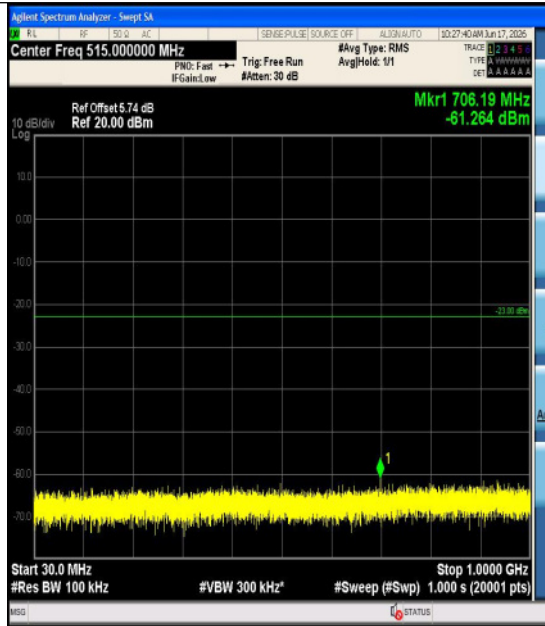
Band4-20MHz-QPSK-20175-100RB#0-0.15~30-
PASS



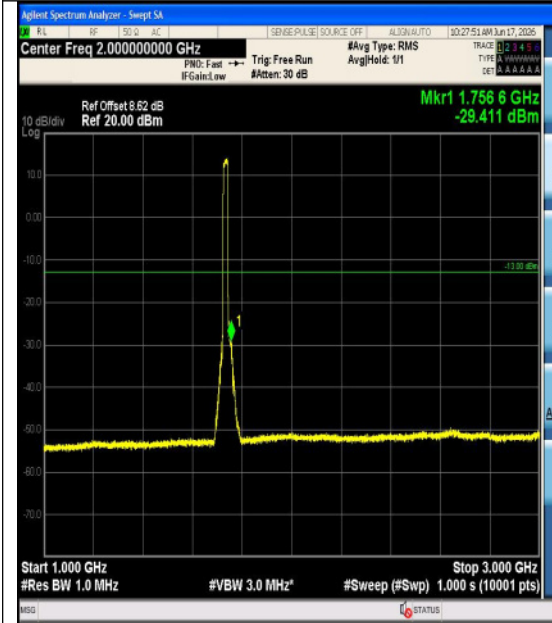
Band4-20MHz-QPSK-20175-100RB#0-30~1000-
PASS



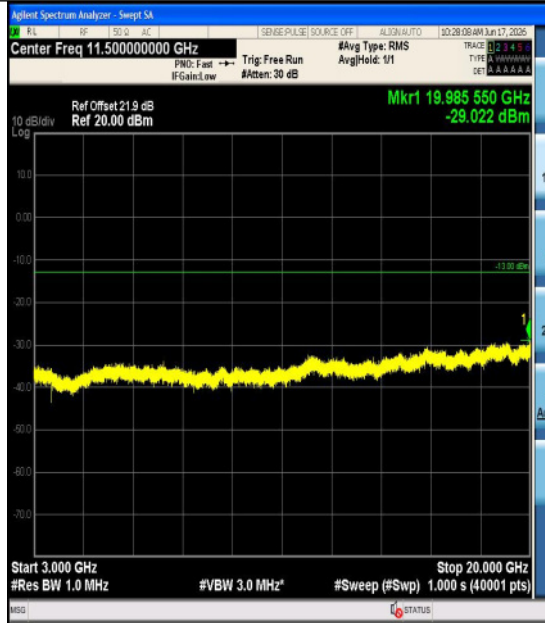
Band4-20MHz-QPSK-20175-100RB#0-1000~30
00-PASS



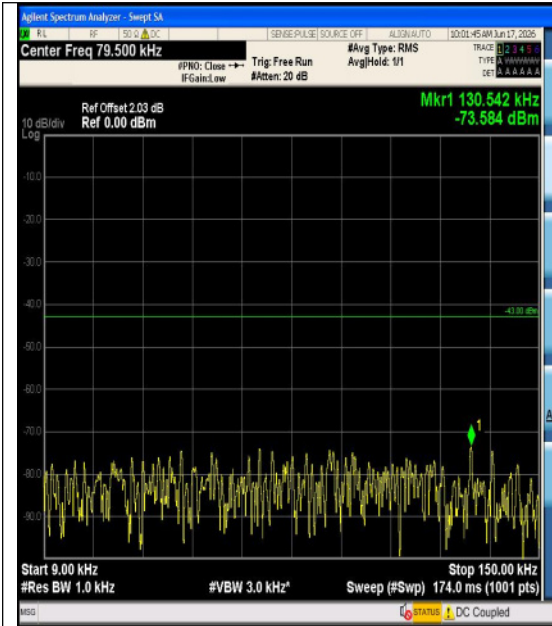
Band4-20MHz-QPSK-20175-100RB#0-3000~20
000-PASS



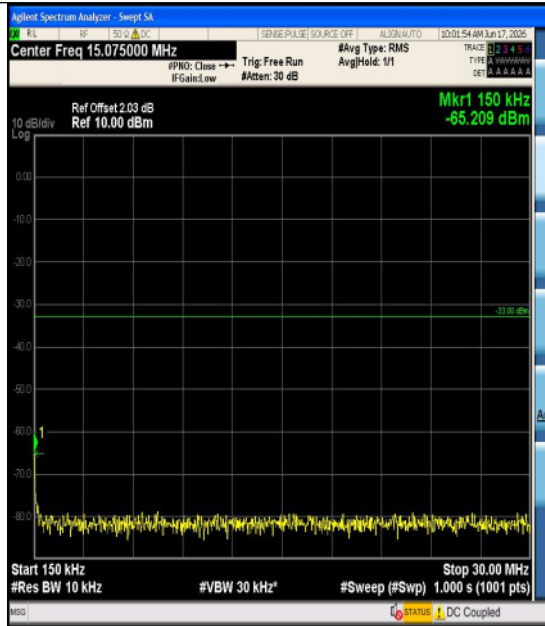
Band4-20MHz-16QAM-20175-1RB#0-0.009~0.1
5-PASS



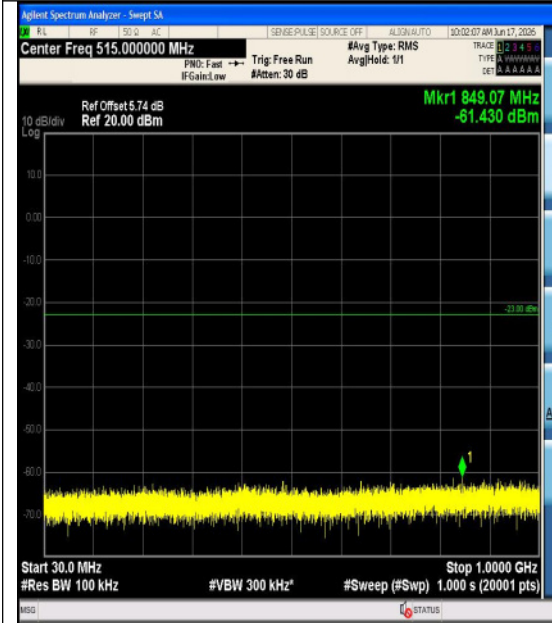
Band4-20MHz-16QAM-20175-1RB#0-0.15~30-P
ASS



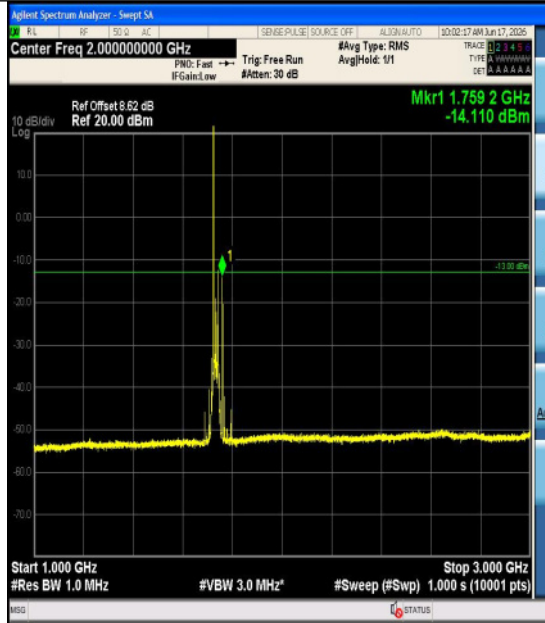
Band4-20MHz-16QAM-20175-1RB#0-30~1000-P
ASS



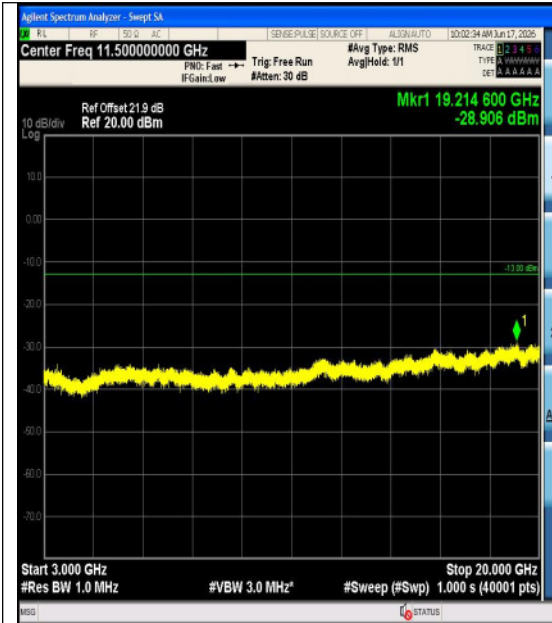
Band4-20MHz-16QAM-20175-1RB#0-1000~300
0-PASS



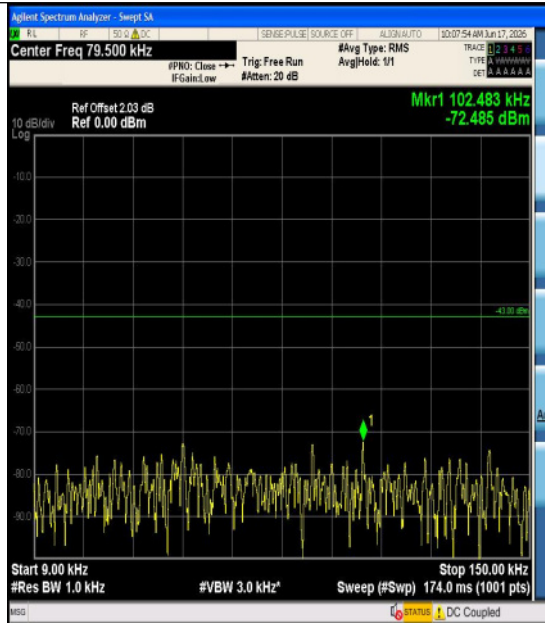
Band4-20MHz-16QAM-20175-1RB#0-3000~200
00-PASS



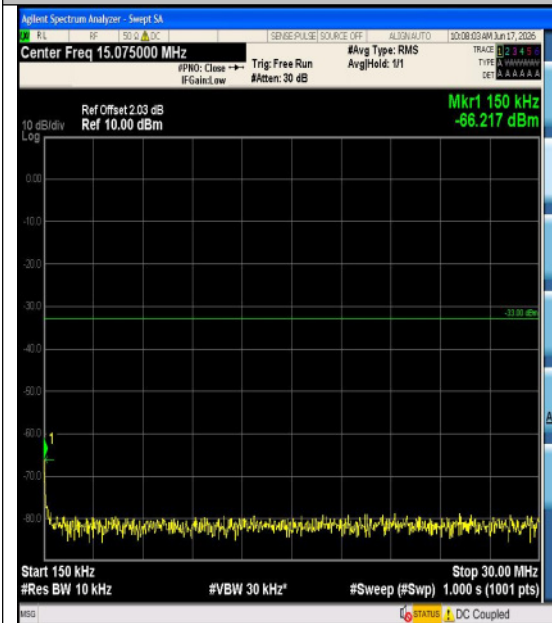
Band4-20MHz-16QAM-20175-1RB#99-0.009~0.
15-PASS



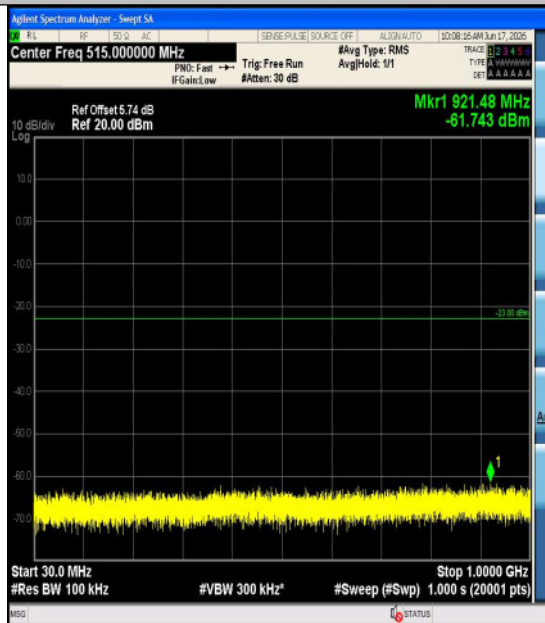
Band4-20MHz-16QAM-20175-1RB#99-0.15~30-
PASS



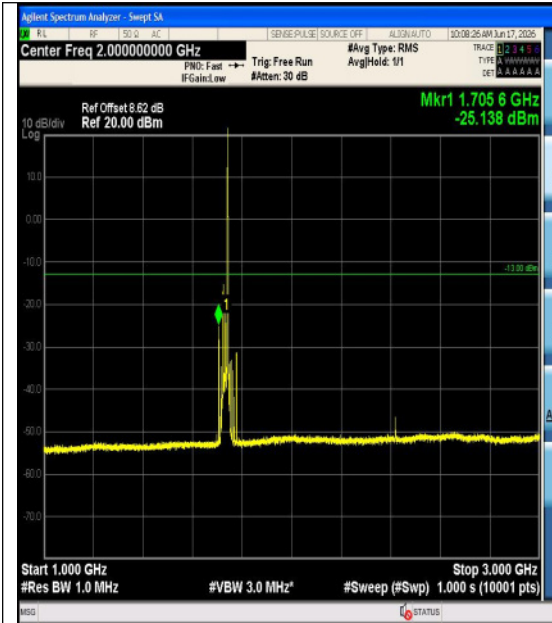
Band4-20MHz-16QAM-20175-1RB#99-30~1000-
PASS



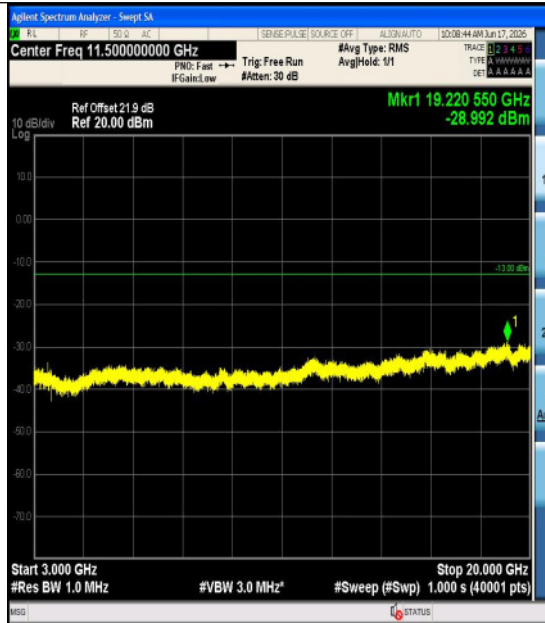
Band4-20MHz-16QAM-20175-1RB#99-1000~30
00-PASS



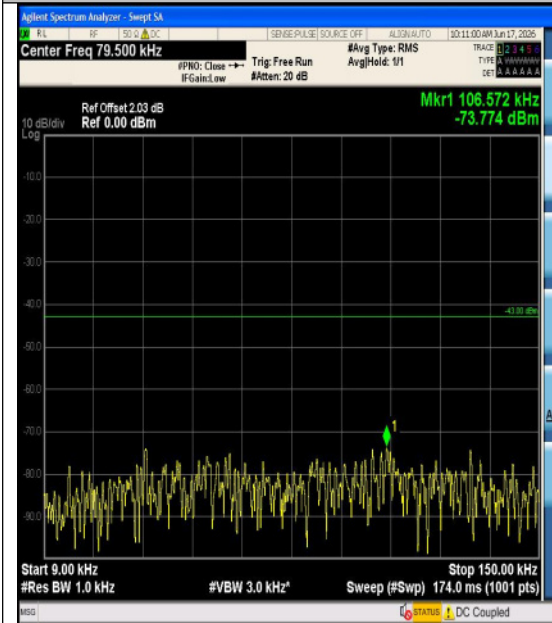
Band4-20MHz-16QAM-20175-1RB#99-3000~20
000-PASS



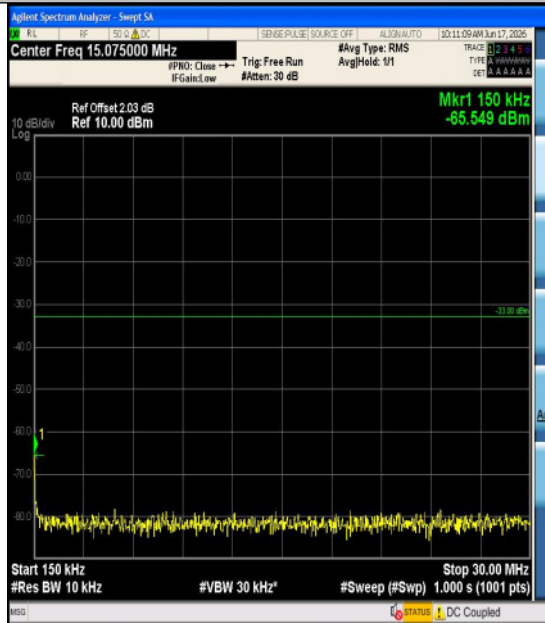
Band4-20MHz-QPSK-20300-1RB#0-0.009~0.15-
PASS



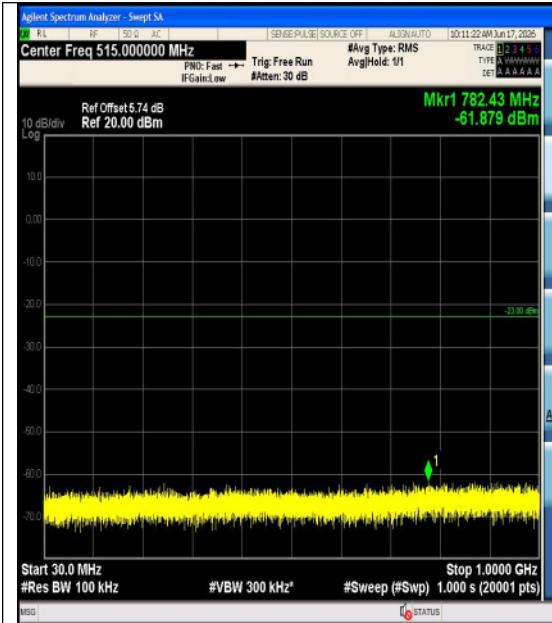
Band4-20MHz-QPSK-20300-1RB#0-0.15~30-PA
SS



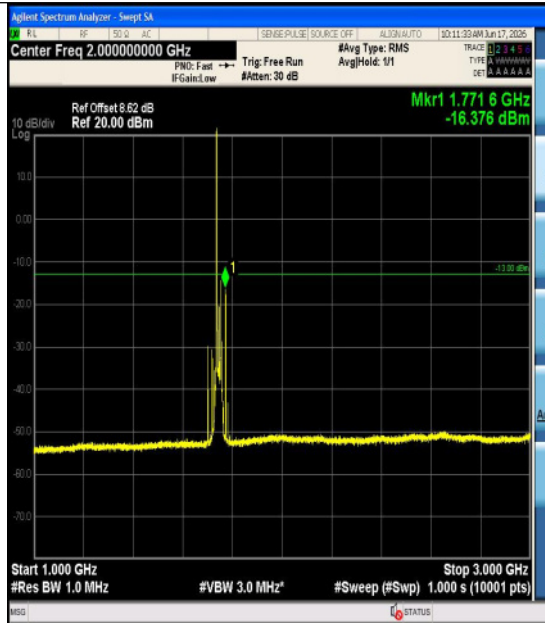
Band4-20MHz-QPSK-20300-1RB#0-30~1000-P
ASS



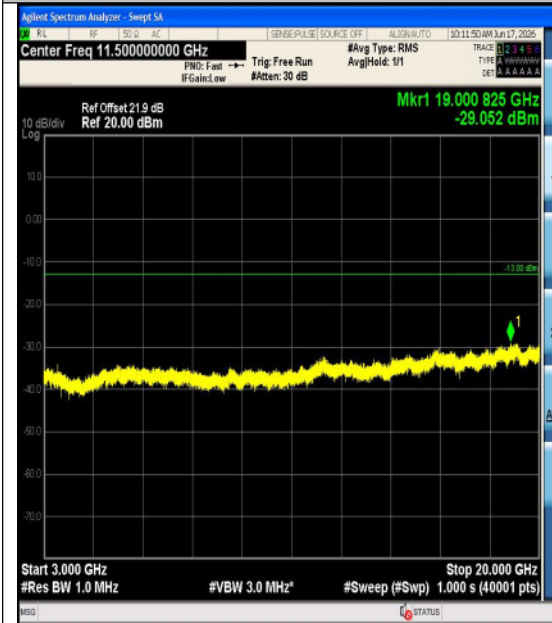
Band4-20MHz-QPSK-20300-1RB#0-1000~3000-
PASS



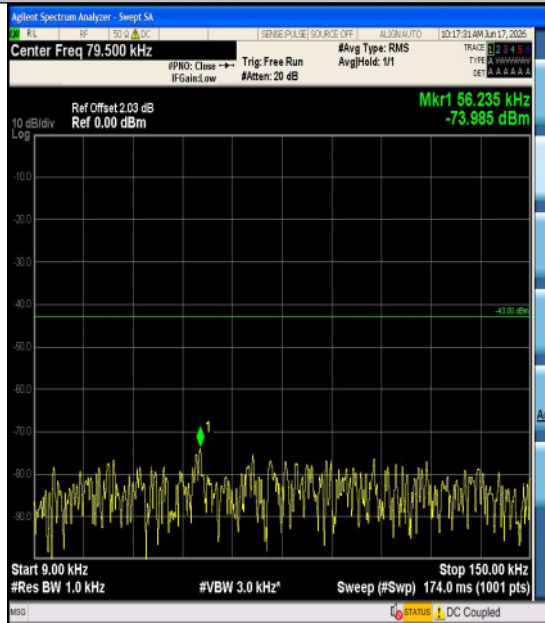
Band4-20MHz-QPSK-20300-1RB#0-3000~2000
0-PASS



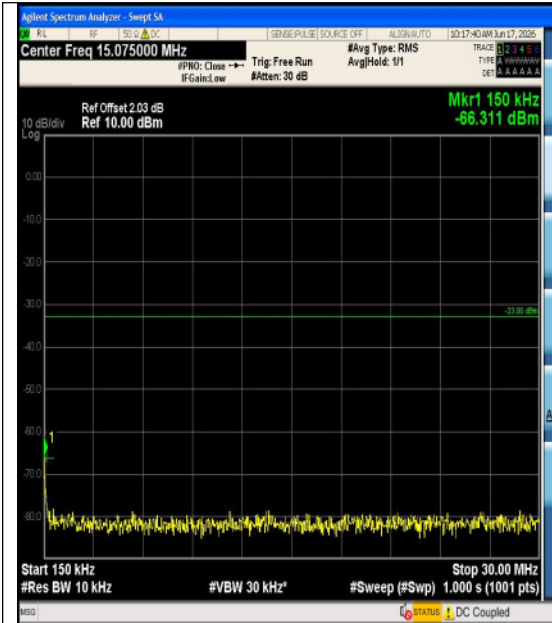
Band4-20MHz-QPSK-20300-1RB#99-0.009~0.1
5-PASS



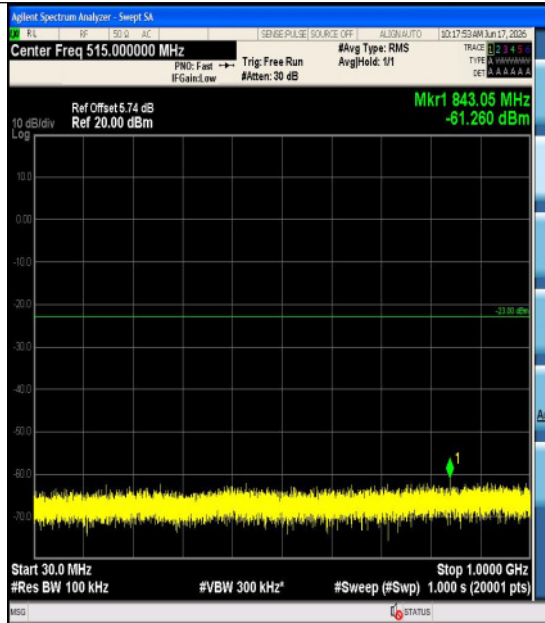
Band4-20MHz-QPSK-20300-1RB#99-0.15~30-P
ASS



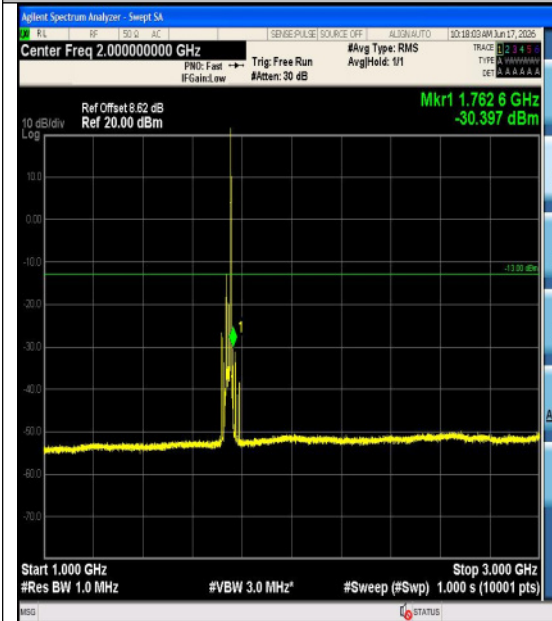
Band4-20MHz-QPSK-20300-1RB#99-30~1000-P
ASS



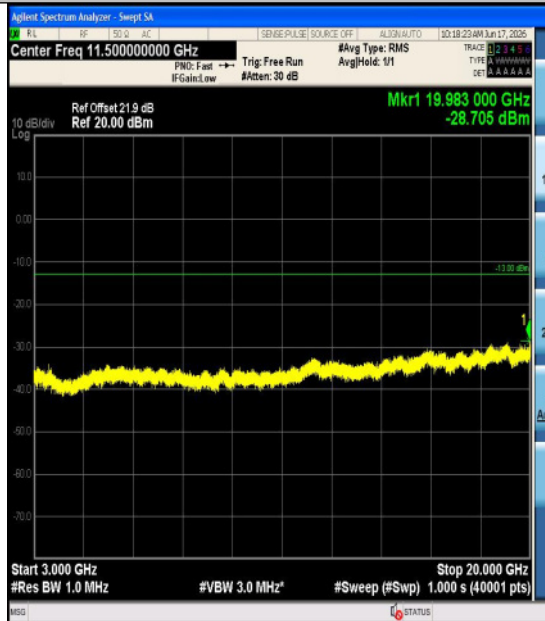
Band4-20MHz-QPSK-20300-1RB#99-1000~300
0-PASS



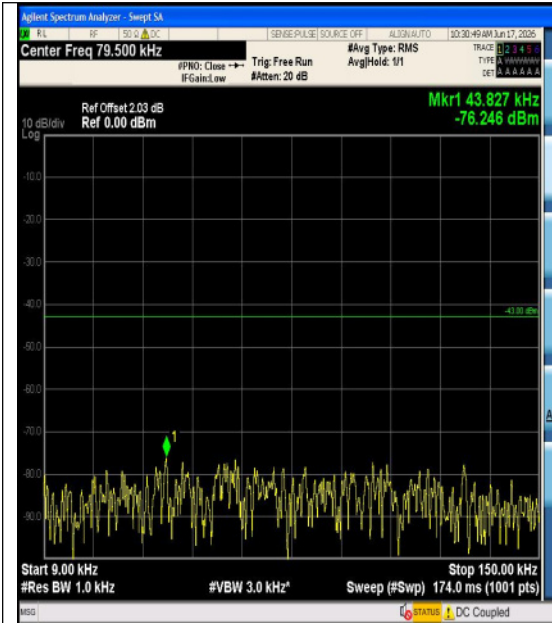
Band4-20MHz-QPSK-20300-1RB#99-3000~200
00-PASS



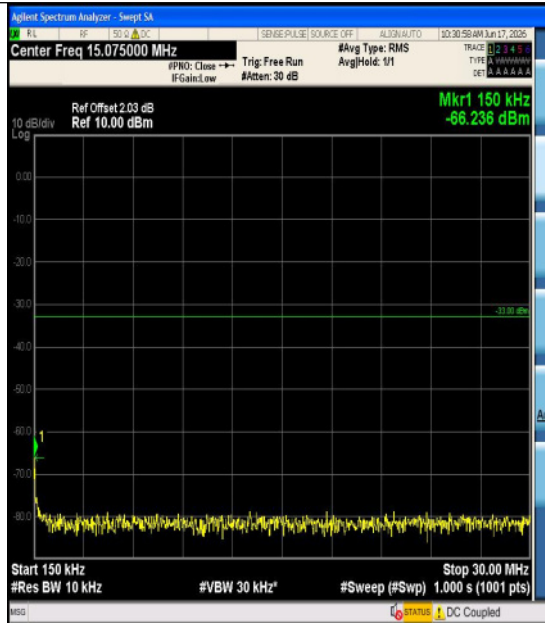
Band4-20MHz-QPSK-20300-100RB#0-0.009~0.
15-PASS



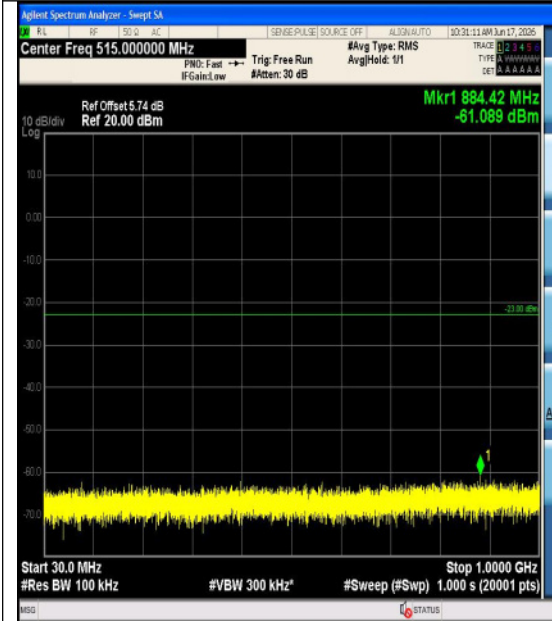
Band4-20MHz-QPSK-20300-100RB#0-0.15~30-
PASS



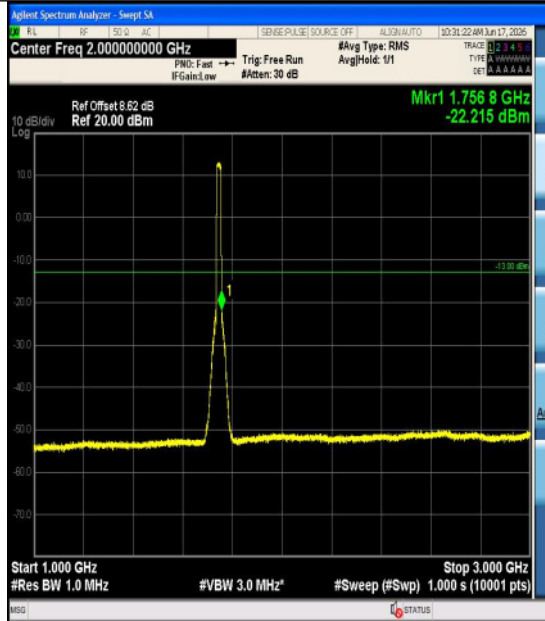
Band4-20MHz-QPSK-20300-100RB#0-30~1000-PASS



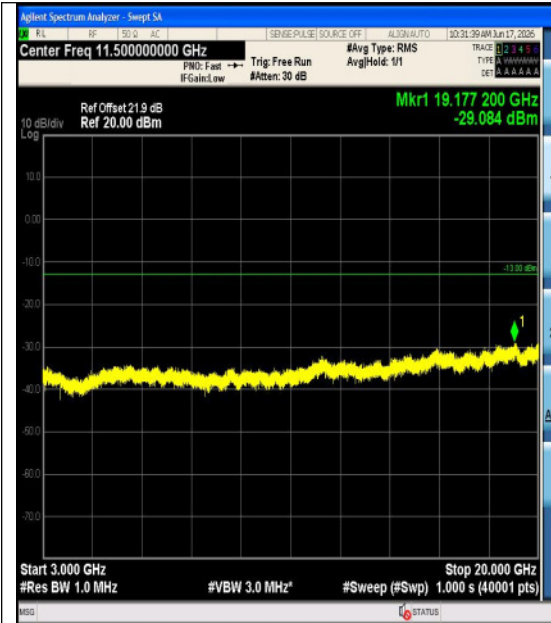
Band4-20MHz-QPSK-20300-100RB#0-1000~3000-PASS



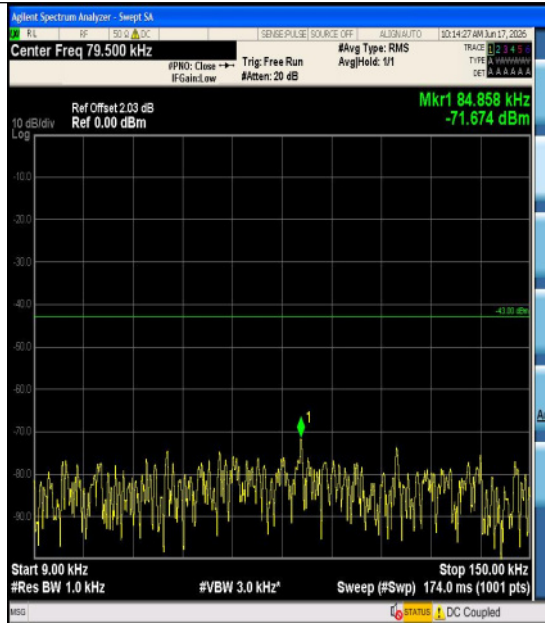
Band4-20MHz-QPSK-20300-100RB#0-3000~20000-PASS



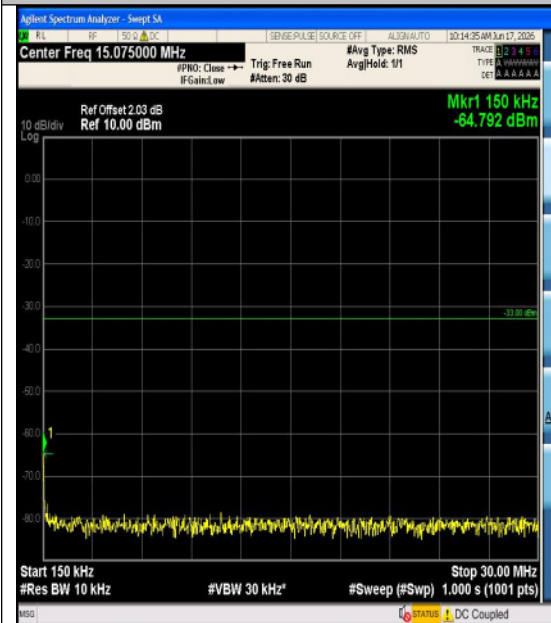
Band4-20MHz-16QAM-20300-1RB#0-0.009~0.15-PASS



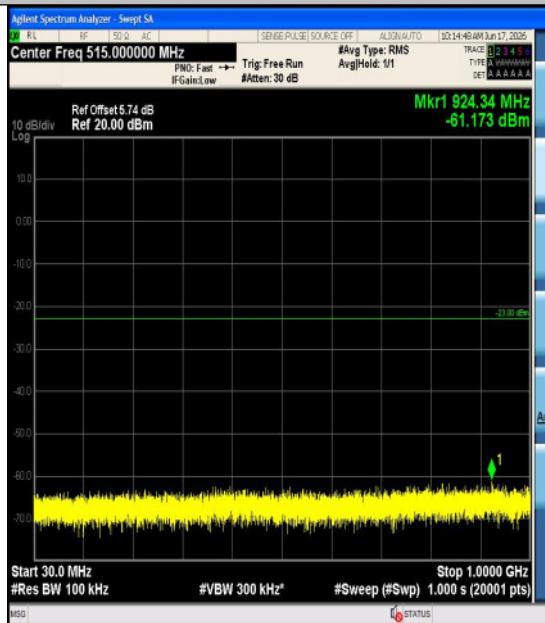
Band4-20MHz-16QAM-20300-1RB#0-0.15~30-P
ASS



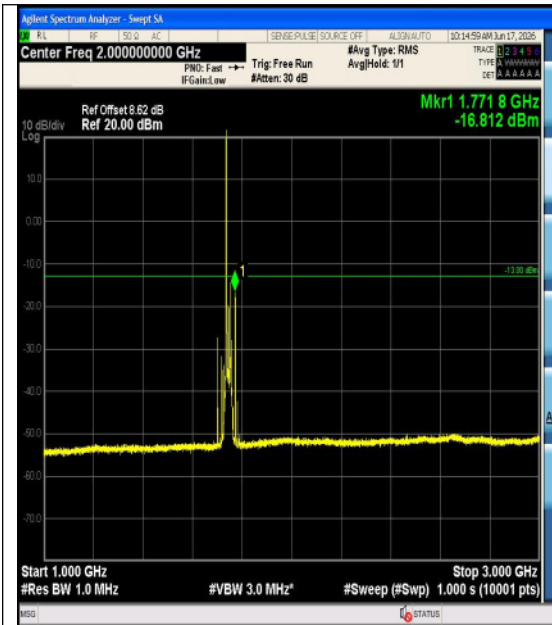
Band4-20MHz-16QAM-20300-1RB#0-30~1000-P
ASS



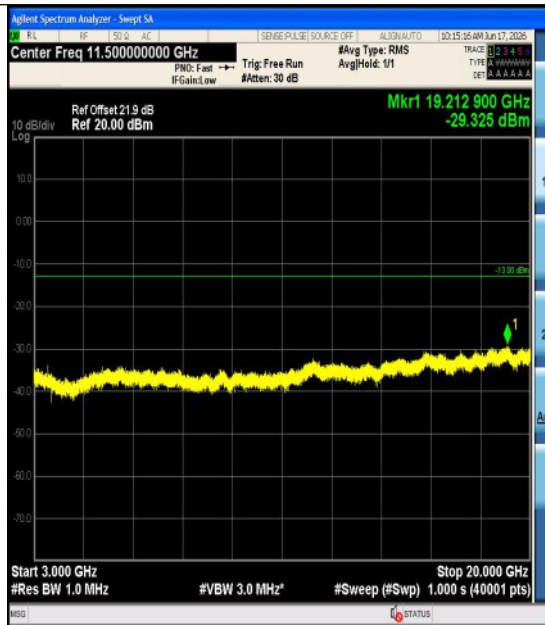
Band4-20MHz-16QAM-20300-1RB#0-1000~300
0-PASS



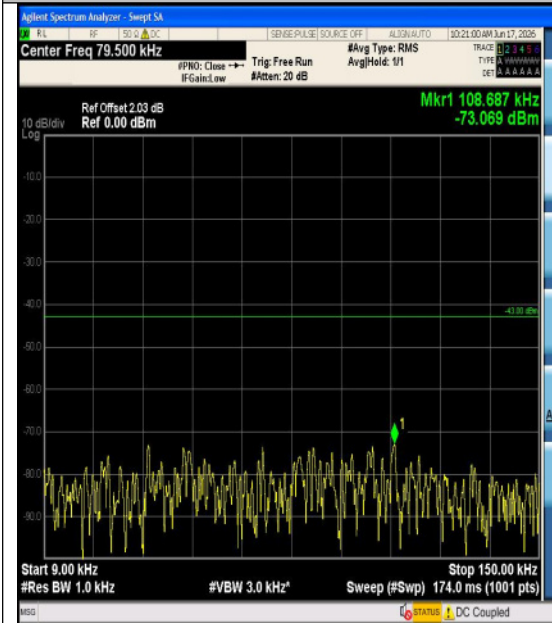
Band4-20MHz-16QAM-20300-1RB#0-3000~200
00-PASS



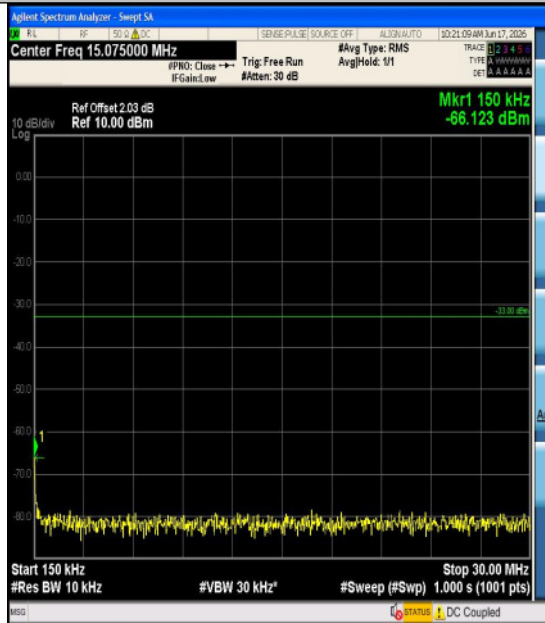
Band4-20MHz-16QAM-20300-1RB#99-0.009~0.
15-PASS



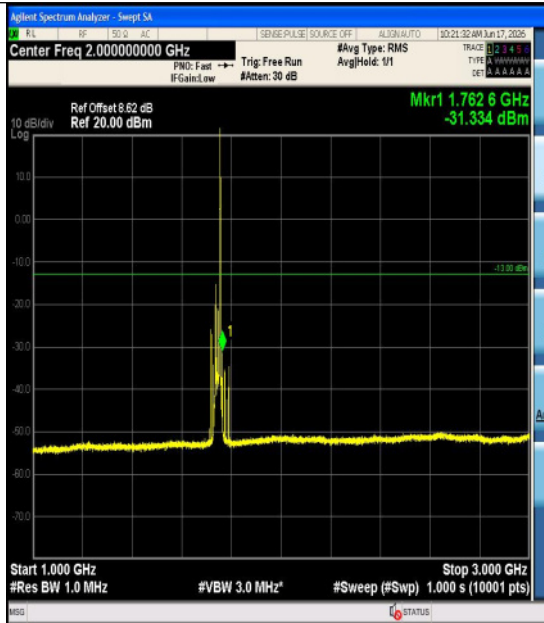
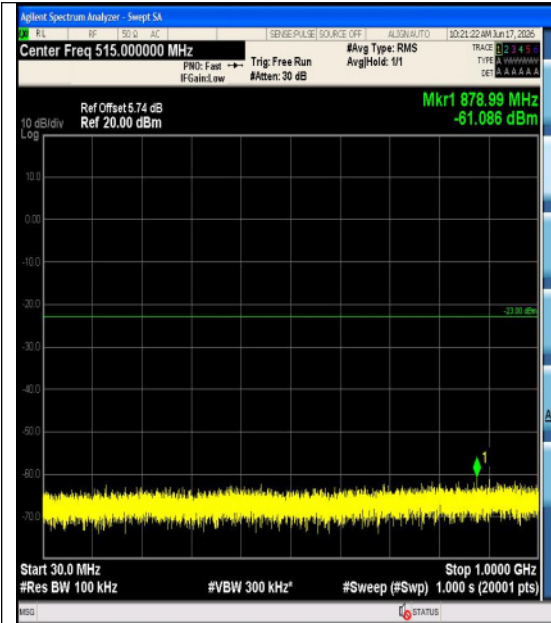
Band4-20MHz-16QAM-20300-1RB#99-0.15~30-
PASS



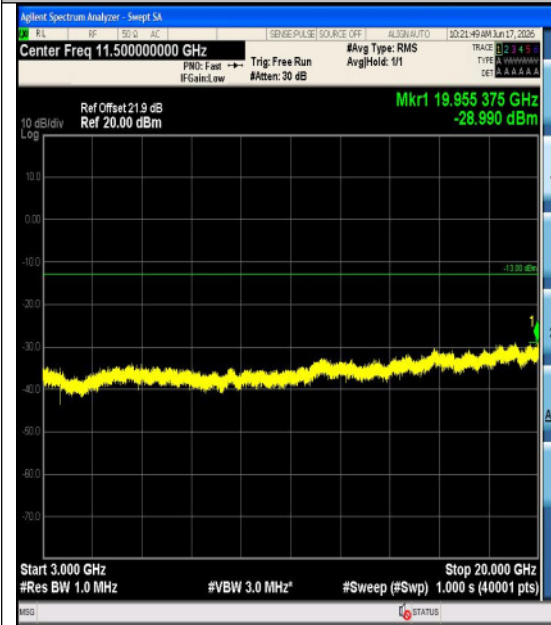
Band4-20MHz-16QAM-20300-1RB#99-30~1000-
PASS



Band4-20MHz-16QAM-20300-1RB#99-1000~30
00-PASS



Band4-20MHz-16QAM-20300-1RB#99-3000~20
000-PASS



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	21.17	0.012375	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	22.00	0.012860	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	16.09	0.009406	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	22.77	0.013310	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	25.79	0.015076	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	10.93	0.006389	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	26.61	0.015359	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	11.73	0.006771	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	20.44	0.011798	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-17.41	-0.010049	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-23.78	-0.013726	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-11.49	-0.006632	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	20.37	0.011611	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	18.48	0.010534	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	18.74	0.010682	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-16.77	-0.009559	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-14.96	-0.008528	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-15.58	-0.008881	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	21.94	0.012819	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	25.49	0.014893	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	27.49	0.016062	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	12.86	0.007514	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	-10.14	-0.005925	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	-24.22	-0.014151	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	-17.85	-0.010303	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	-18.55	-0.010707	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	-23.79	-0.013732	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	-26.58	-0.015342	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	-21.49	-0.012404	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	-27.97	-0.016144	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	-13.79	-0.007864	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	-25.62	-0.014611	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	-25.85	-0.014742	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	-23.72	-0.013527	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	-25.73	-0.014674	±2.5	PASS

Band4	3MHz	16QAM	20385	15RB#0	VN	NT	-22.86	-0.013037	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	-24.18	-0.014120	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	-24.92	-0.014552	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	-25.15	-0.014686	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	8.81	0.005145	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	23.40	0.013664	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	13.15	0.007679	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	23.78	0.013726	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	17.18	0.009916	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	23.37	0.013489	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	17.87	0.010315	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	11.86	0.006846	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	-4.65	-0.002684	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	21.30	0.012154	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	17.11	0.009763	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	26.92	0.015361	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-26.62	-0.015190	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	-24.83	-0.014168	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	-14.66	-0.008365	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	23.16	0.013504	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	24.85	0.014490	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	26.36	0.015370	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	13.15	0.007590	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	12.47	0.007198	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	12.20	0.007042	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	-24.05	-0.013743	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	-23.69	-0.013537	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	-23.75	-0.013571	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	24.63	0.014341	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	21.59	0.012571	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	22.43	0.013060	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	-21.54	-0.012433	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	-16.16	-0.009328	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	-5.54	-0.003198	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	-23.33	-0.013351	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	-21.73	-0.012435	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	-25.02	-0.014318	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	24.92	0.014488	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	21.69	0.012610	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	19.64	0.011419	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	27.84	0.016069	±2.5	PASS

Band4	20MHz	QPSK	20175	100RB#0	VL	NT	22.09	0.012750	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	21.46	0.012387	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	20.50	0.011748	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	23.70	0.013582	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	20.36	0.011668	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	27.78	0.016239	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	16.04	0.009376	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-10	22.13	0.012936	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	23.57	0.013778	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	23.80	0.013912	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	22.47	0.013135	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	24.09	0.014082	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	24.96	0.014591	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	20.60	0.012042	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	22.65	0.013240	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	26.05	0.015228	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-10	14.91	0.008716	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	16.16	0.009446	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	19.66	0.011492	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	20.83	0.012176	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	23.85	0.013942	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	29.54	0.017268	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	23.92	0.013983	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	20.46	0.011810	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	8.51	0.004912	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	13.22	0.007631	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	23.65	0.013651	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	24.40	0.014084	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	19.94	0.011509	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	22.96	0.013253	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	10.04	0.005795	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	12.45	0.007186	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-18.90	-0.010909	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	2.80	0.001616	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	-15.45	-0.008918	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	23.67	0.013662	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-16.69	-0.009633	±2.5	PASS

Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-14.00	-0.008081	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-15.36	-0.008866	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	-7.18	-0.004144	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-14.35	-0.008283	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	23.49	0.013390	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	16.35	0.009320	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-10	21.44	0.012221	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	19.60	0.011173	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	25.68	0.014638	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	16.21	0.009240	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	18.42	0.010500	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	23.12	0.013179	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	11.76	0.006704	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	13.06	0.007445	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-27.81	-0.015852	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-10	-25.29	-0.014416	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-20.83	-0.011874	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-26.31	-0.014997	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	-23.76	-0.013544	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-25.23	-0.014382	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-15.32	-0.008733	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-18.28	-0.010420	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	29.60	0.017295	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	16.25	0.009495	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-10	24.76	0.014467	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	17.85	0.010429	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	18.17	0.010616	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	14.86	0.008682	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	24.49	0.014309	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	22.29	0.013024	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	11.13	0.006503	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	14.75	0.008618	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	23.59	0.013783	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-10	17.12	0.010003	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	23.96	0.013999	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	11.69	0.006830	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	17.62	0.010295	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	14.03	0.008197	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	25.98	0.015180	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	17.07	0.009974	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	17.48	0.010089	±2.5	PASS

Band4	3MHz	QPSK	20175	15RB#0	NV	10	18.24	0.010528	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-10	-11.33	-0.006540	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	11.93	0.006886	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-19.38	-0.011186	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	19.50	0.011255	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	-19.58	-0.011302	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	21.13	0.012196	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	24.55	0.014170	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	-24.12	-0.013922	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	-12.35	-0.007128	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-10	-22.22	-0.012825	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	-8.70	-0.005022	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	-17.65	-0.010188	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	-5.31	-0.003065	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	-23.89	-0.013789	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	12.96	0.007481	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	14.56	0.008404	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	-16.65	-0.009495	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	-15.54	-0.008862	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-10	-11.29	-0.006439	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	-25.08	-0.014303	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	-20.51	-0.011697	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	-17.14	-0.009775	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	-25.86	-0.014748	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	-15.58	-0.008885	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	-3.09	-0.001762	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	-25.81	-0.014719	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	-15.81	-0.009016	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-10	-14.23	-0.008115	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	-14.45	-0.008241	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	-16.29	-0.009290	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	-23.53	-0.013419	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	-10.21	-0.005823	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	-21.99	-0.012541	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	-12.19	-0.006952	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	-16.31	-0.009524	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	-16.32	-0.009530	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-10	-16.52	-0.009647	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	-26.68	-0.015580	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	-27.38	-0.015988	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	-18.11	-0.010575	±2.5	PASS

Band4	5MHz	QPSK	19975	25RB#0	NV	-30	-20.01	-0.011685	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	-5.26	-0.003072	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	11.63	0.006791	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	24.68	0.014412	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	12.60	0.007358	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-10	17.07	0.009968	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	18.15	0.010599	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	9.91	0.005787	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	21.89	0.012782	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	15.13	0.008835	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	18.05	0.010540	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	11.83	0.006908	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	12.79	0.007382	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	13.29	0.007671	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-10	15.51	0.008952	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	22.86	0.013195	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	20.11	0.011608	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	14.89	0.008595	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	14.65	0.008456	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	12.96	0.007481	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	14.35	0.008283	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	15.36	0.008866	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	17.25	0.009957	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-10	24.23	0.013986	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	17.24	0.009951	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	17.85	0.010303	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	21.54	0.012433	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	13.40	0.007734	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	16.72	0.009651	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	11.64	0.006719	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	23.79	0.013575	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	19.68	0.011230	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-10	18.34	0.010465	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	13.59	0.007755	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	18.68	0.010659	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	18.84	0.010750	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	26.35	0.015036	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	22.40	0.012782	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	19.04	0.010864	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-22.63	-0.012913	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-19.17	-0.010939	±2.5	PASS

Band4	5MHz	16QAM	20375	25RB#0	NV	-10	-25.61	-0.014613	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	-27.48	-0.015680	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	-17.98	-0.010260	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	-26.41	-0.015070	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-25.94	-0.014802	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-23.57	-0.013449	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-8.81	-0.005027	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	25.08	0.014624	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	27.27	0.015901	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-10	22.87	0.013335	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	27.14	0.015825	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	20.44	0.011918	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	23.78	0.013866	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	24.18	0.014099	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	21.16	0.012338	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	23.17	0.013510	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	11.90	0.006869	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	10.80	0.006234	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-10	14.99	0.008652	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	20.97	0.012104	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	14.06	0.008115	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	21.77	0.012566	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	13.42	0.007746	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	4.78	0.002759	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	16.82	0.009709	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	-20.33	-0.011617	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	-19.18	-0.010960	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-10	-14.43	-0.008246	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	-15.51	-0.008863	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	-17.88	-0.010217	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	-14.89	-0.008509	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	-24.40	-0.013943	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	-25.42	-0.014526	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	-18.73	-0.010703	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	23.00	0.013392	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	25.71	0.014969	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-10	20.80	0.012111	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	25.33	0.014748	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	21.63	0.012594	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	13.09	0.007622	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	22.32	0.012996	±2.5	PASS

Band4	15MHz	QPSK	20025	75RB#0	NV	40	17.01	0.009904	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	20.00	0.011645	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	-15.66	-0.009039	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	-17.88	-0.010320	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-10	-25.71	-0.014840	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	-7.12	-0.004110	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	-24.36	-0.014061	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	-10.16	-0.005864	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	-24.45	-0.014113	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	-15.32	-0.008843	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	-23.23	-0.013408	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	-25.86	-0.014798	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	-20.21	-0.011565	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-10	-17.98	-0.010289	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	-25.09	-0.014358	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	-18.24	-0.010438	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	30	-23.93	-0.013694	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	4.56	0.002609	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	-18.38	-0.010518	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	-17.15	-0.009814	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	18.50	0.010756	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	24.91	0.014483	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	22.99	0.013366	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	23.62	0.013733	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	21.53	0.012517	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	20.13	0.011703	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	24.33	0.014145	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	22.72	0.013209	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	25.53	0.014843	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	23.45	0.013535	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	27.45	0.015844	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	23.13	0.013351	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	22.75	0.013131	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	21.59	0.012462	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	23.55	0.013593	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	21.84	0.012606	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	21.72	0.012537	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	23.16	0.013368	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	23.05	0.013209	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	24.43	0.014000	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	22.33	0.012797	±2.5	PASS

Band4	20MHz	QPSK	20300	100RB#0	NV	20	22.93	0.013140	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	26.05	0.014928	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	23.70	0.013582	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	25.46	0.014590	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	24.96	0.014304	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	22.12	0.012676	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	PASS
Band4	3MHz	QPSK	19965	15RB#0	PASS
Band4	3MHz	16QAM	19965	15RB#0	PASS
Band4	3MHz	QPSK	20175	15RB#0	PASS
Band4	3MHz	16QAM	20175	15RB#0	PASS
Band4	3MHz	QPSK	20385	15RB#0	PASS
Band4	3MHz	16QAM	20385	15RB#0	PASS
Band4	5MHz	QPSK	19975	25RB#0	PASS
Band4	5MHz	16QAM	19975	25RB#0	PASS
Band4	5MHz	QPSK	20175	25RB#0	PASS
Band4	5MHz	16QAM	20175	25RB#0	PASS
Band4	5MHz	QPSK	20375	25RB#0	PASS
Band4	5MHz	16QAM	20375	25RB#0	PASS
Band4	10MHz	QPSK	20000	50RB#0	PASS
Band4	10MHz	16QAM	20000	1RB#0	PASS
Band4	10MHz	QPSK	20175	50RB#0	PASS
Band4	10MHz	16QAM	20175	1RB#0	PASS
Band4	10MHz	QPSK	20350	50RB#0	PASS
Band4	10MHz	16QAM	20350	1RB#0	PASS
Band4	15MHz	QPSK	20025	75RB#0	PASS
Band4	15MHz	16QAM	20025	1RB#0	PASS
Band4	15MHz	QPSK	20175	75RB#0	PASS
Band4	15MHz	16QAM	20175	1RB#0	PASS
Band4	15MHz	QPSK	20325	75RB#0	PASS
Band4	15MHz	16QAM	20325	1RB#0	PASS
Band4	20MHz	QPSK	20050	100RB#0	PASS
Band4	20MHz	16QAM	20050	1RB#0	PASS
Band4	20MHz	QPSK	20175	100RB#0	PASS
Band4	20MHz	16QAM	20175	1RB#0	PASS
Band4	20MHz	QPSK	20300	100RB#0	PASS
Band4	20MHz	16QAM	20300	1RB#0	PASS

Test Graphs

