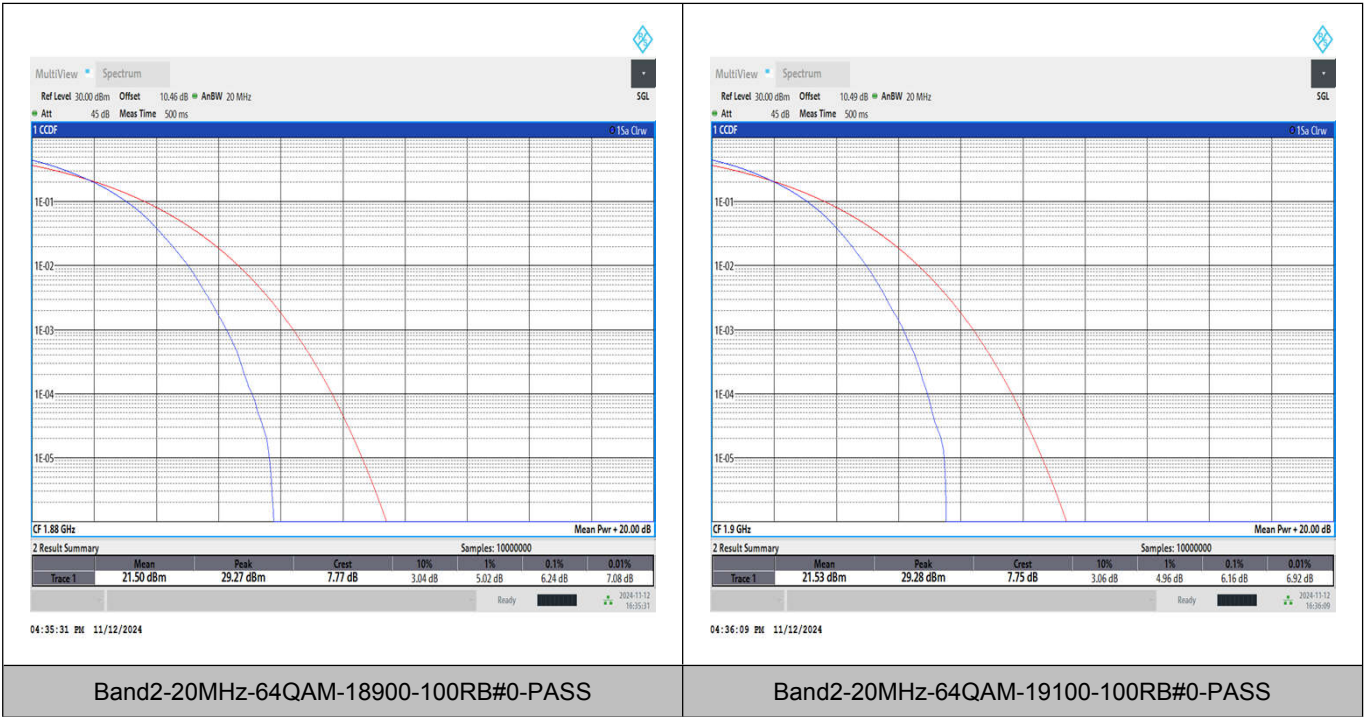




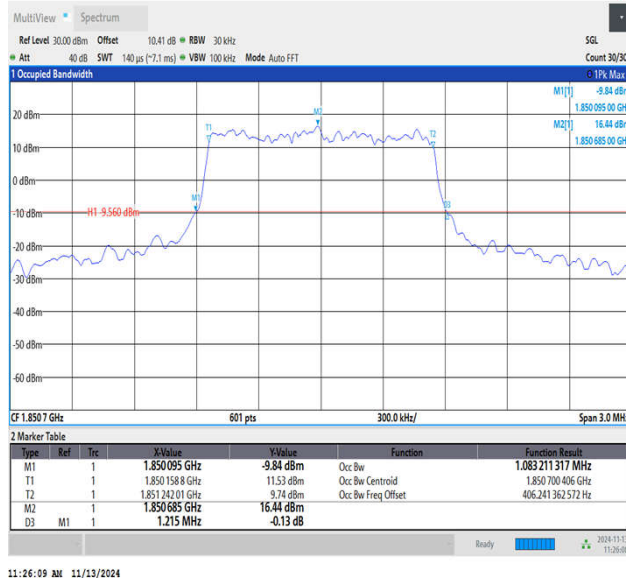
1.3 OCCUPIED BANDWIDTH

1.3.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.083	1.21	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.084	1.27	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.078	1.21	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.091	1.28	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.28	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.081	1.23	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.092	1.28	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.097	1.29	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.084	1.28	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.691	2.94	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.71	2.94	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.704	2.96	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.688	2.91	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.689	2.93	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.683	2.92	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.695	2.89	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.7	2.95	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.687	2.92	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.491	4.87	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.489	4.97	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.483	4.90	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.493	4.90	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.499	4.91	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.502	4.98	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.494	4.89	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.487	4.97	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.494	4.87	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.985	9.73	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.968	9.93	PASS

Band2	10MHz	QPSK	19150	50RB#0	8.944	9.67	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.942	9.70	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.993	9.83	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.965	9.73	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.975	9.50	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.981	9.57	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.992	9.67	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.396	14.45	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.405	14.70	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.404	14.50	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.403	14.50	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.458	14.55	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.418	14.55	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.363	14.55	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.395	14.40	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.471	14.50	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.909	19.07	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.885	19.47	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.834	19.33	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.783	19.47	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.864	19.47	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.811	19.07	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.812	18.93	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.914	19.07	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.88	19.20	PASS

1. 3. 2 Test Graphs



11:26:09 AM 11/13/2024

Band2-1.4MHz-QPSK-18607-6RB#0-PASS



11:27:02 AM 11/13/2024

Band2-1.4MHz-QPSK-18900-6RB#0-PASS



11:27:58 AM 11/13/2024

Band2-1.4MHz-QPSK-19193-6RB#0-PASS

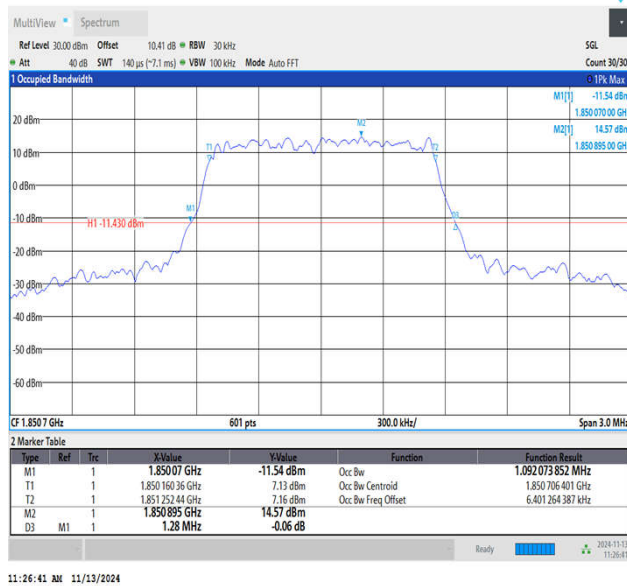


11:26:25 AM 11/13/2024

Band2-1.4MHz-16QAM-18607-6RB#0-PASS



Band2-1.4MHz-16QAM-18900-6RB#0-PASS



Band2-1.4MHz-64QAM-18607-6RB#0-PASS



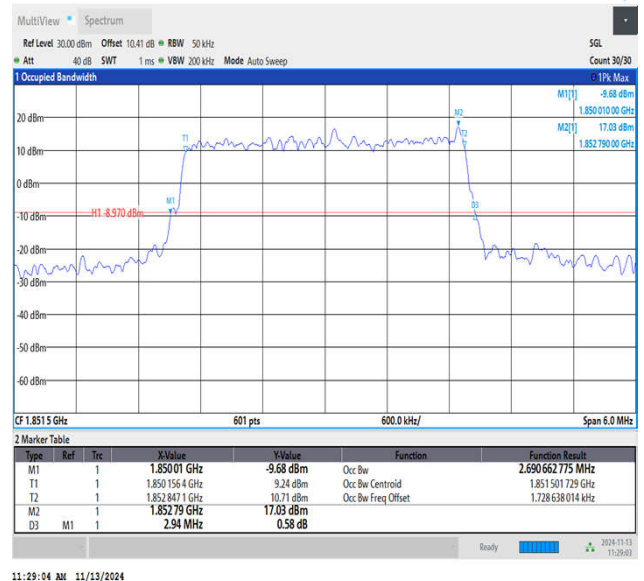
Band2-1.4MHz-16QAM-19193-6RB#0-PASS



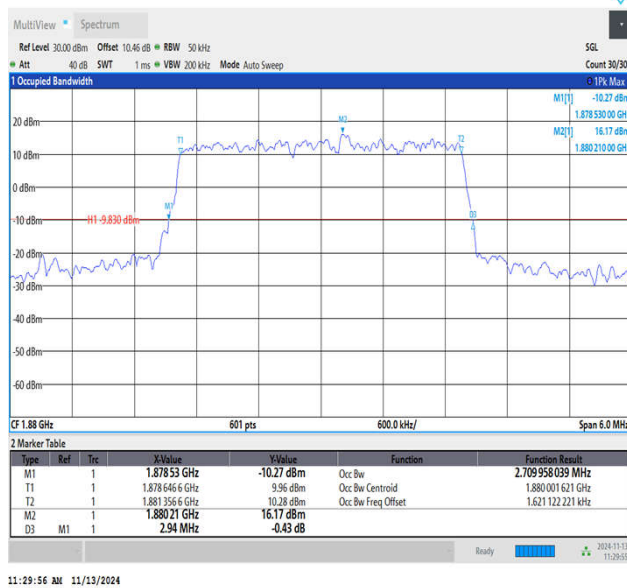
Band2-1.4MHz-64QAM-18900-6RB#0-PASS



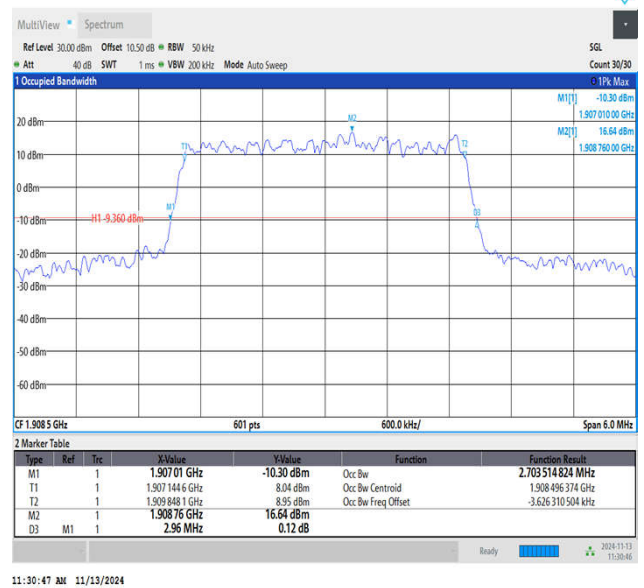
Band2-1.4MHz-64QAM-19193-6RB#0-PASS



Band2-3MHz-QPSK-18615-15RB#0-PASS



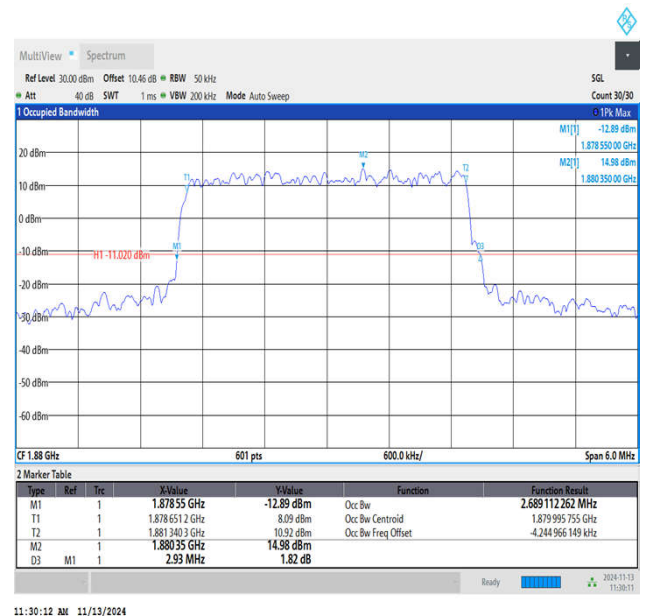
Band2-3MHz-QPSK-18900-15RB#0-PASS



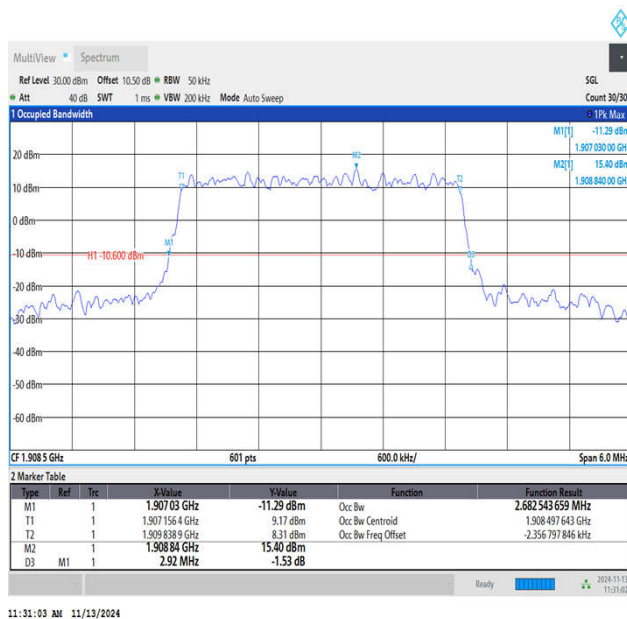
Band2-3MHz-QPSK-19185-15RB#0-PASS



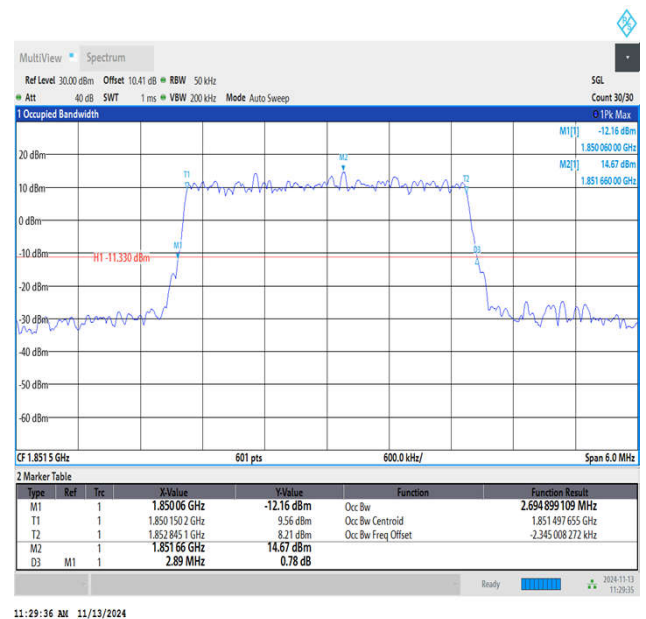
Band2-3MHz-16QAM-18615-15RB#0-PASS



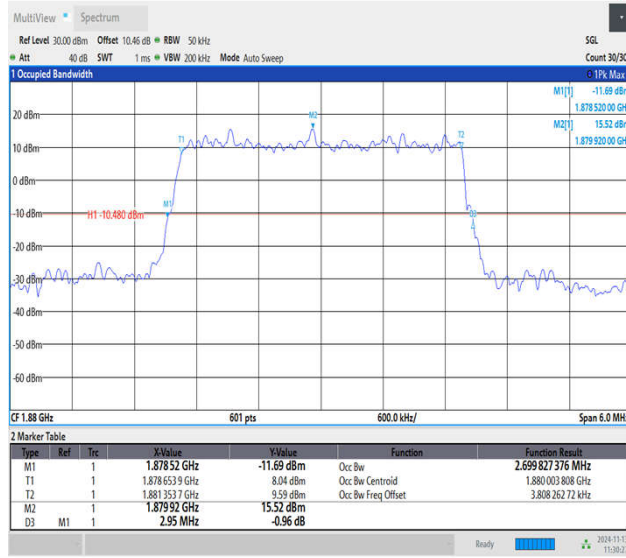
Band2-3MHz-16QAM-18900-15RB#0-PASS



Band2-3MHz-16QAM-19185-15RB#0-PASS

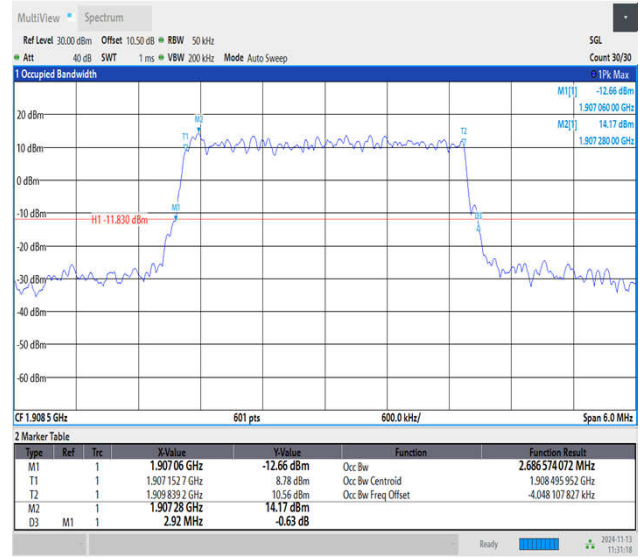


Band2-3MHz-64QAM-18615-15RB#0-PASS



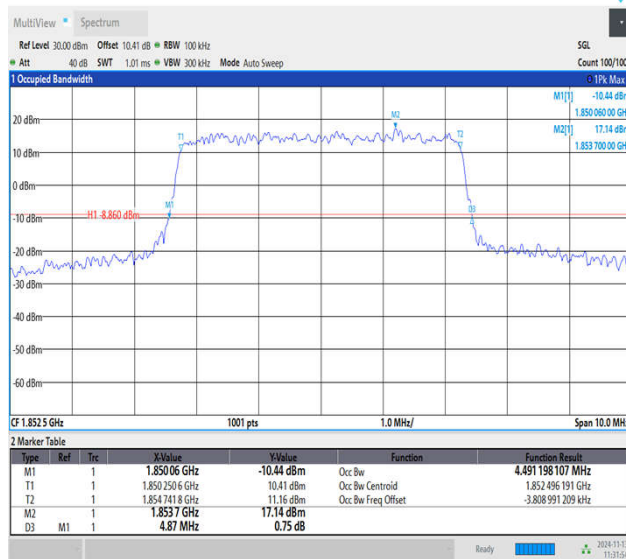
11:30:28 AM 11/13/2024

Band2-3MHz-64QAM-18900-15RB#0-PASS



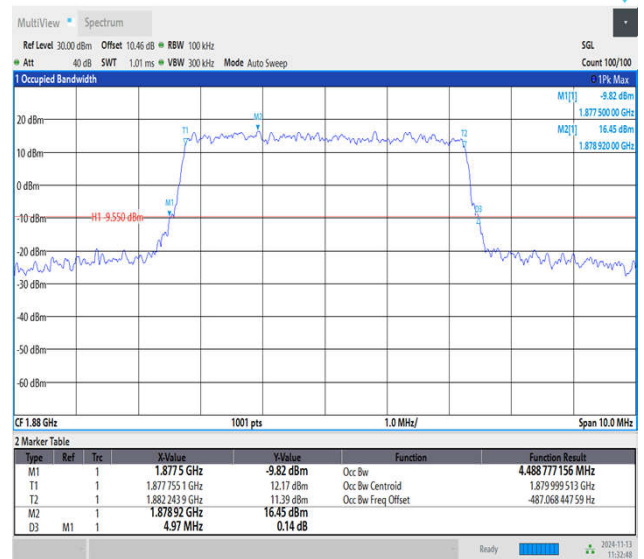
11:31:19 AM 11/13/2024

Band2-3MHz-64QAM-19185-15RB#0-PASS



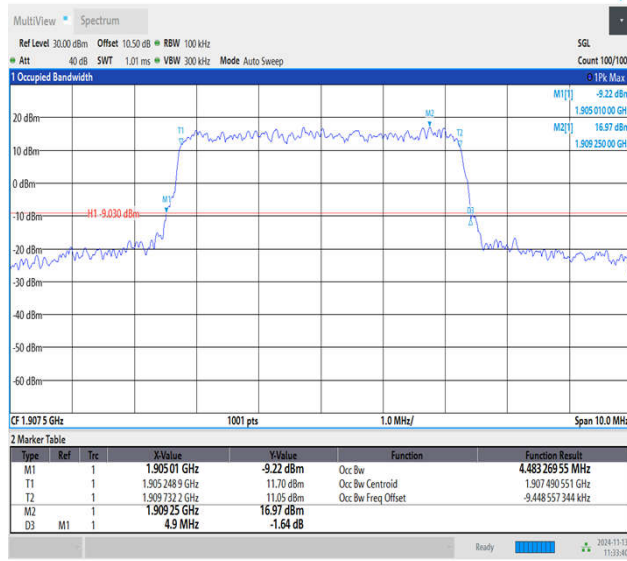
11:31:55 AM 11/13/2024

Band2-5MHz-QPSK-18625-25RB#0-PASS



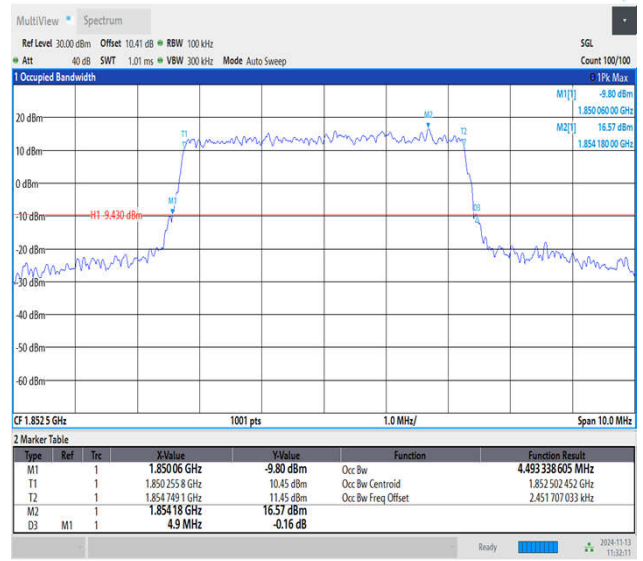
11:32:48 AM 11/13/2024

Band2-5MHz-QPSK-18900-25RB#0-PASS



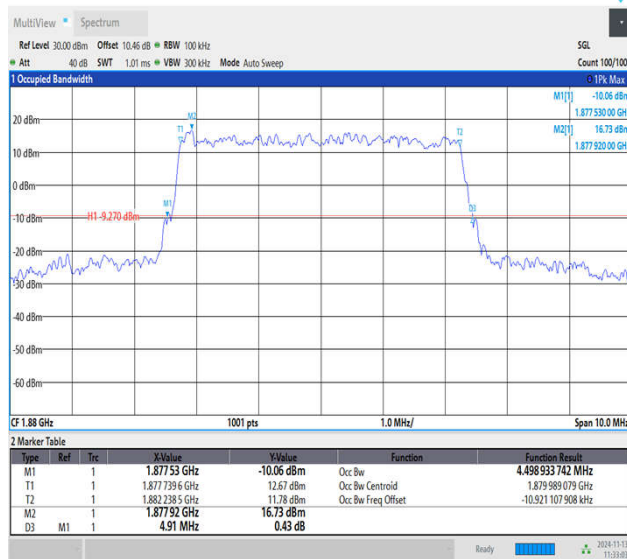
11:33:40 AM 11/13/2024

Band2-5MHz-QPSK-19175-25RB#0-PASS



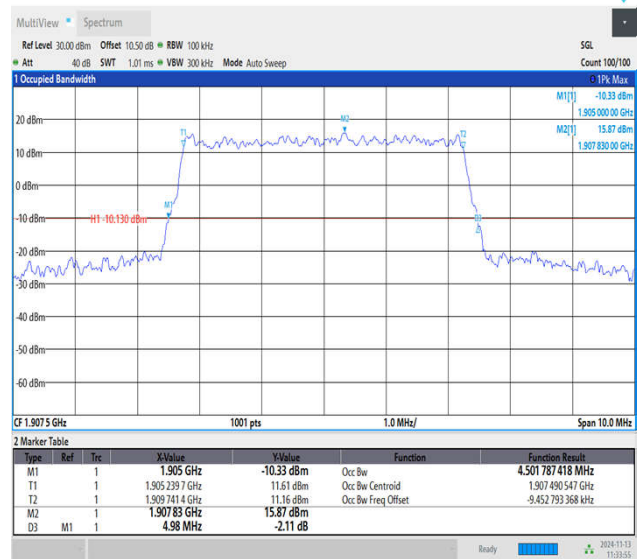
11:32:12 AM 11/13/2024

Band2-5MHz-16QAM-18625-25RB#0-PASS



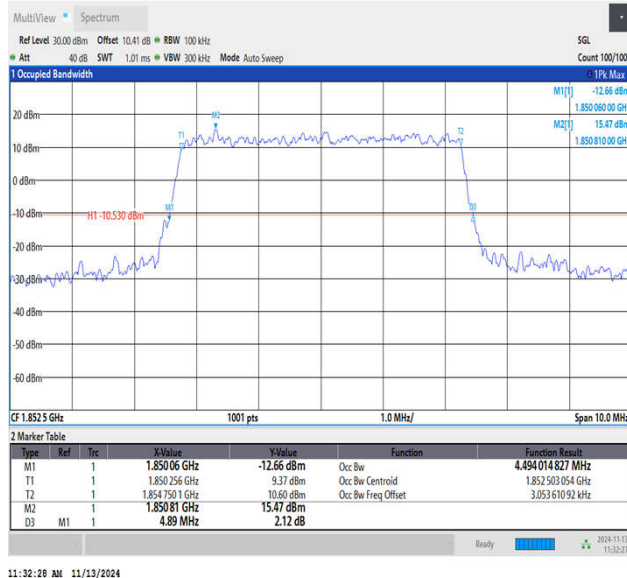
11:33:04 AM 11/13/2024

Band2-5MHz-16QAM-18900-25RB#0-PASS

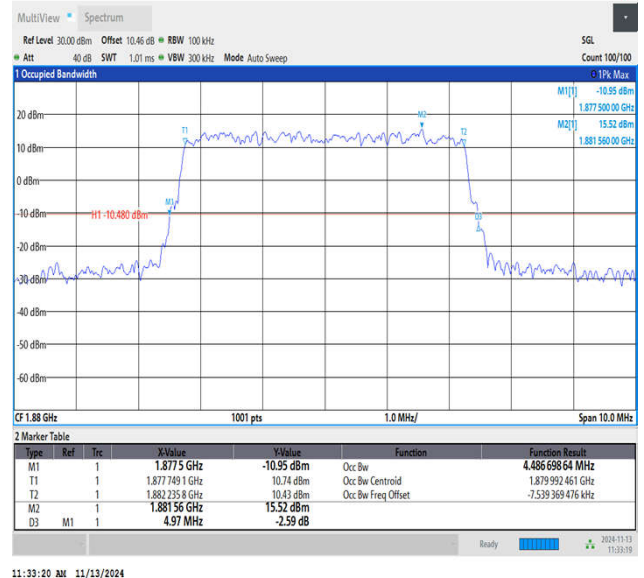


11:33:56 AM 11/13/2024

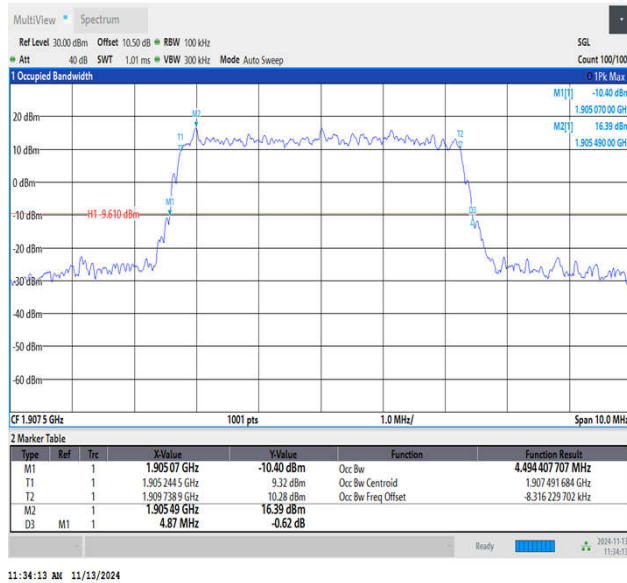
Band2-5MHz-16QAM-19175-25RB#0-PASS



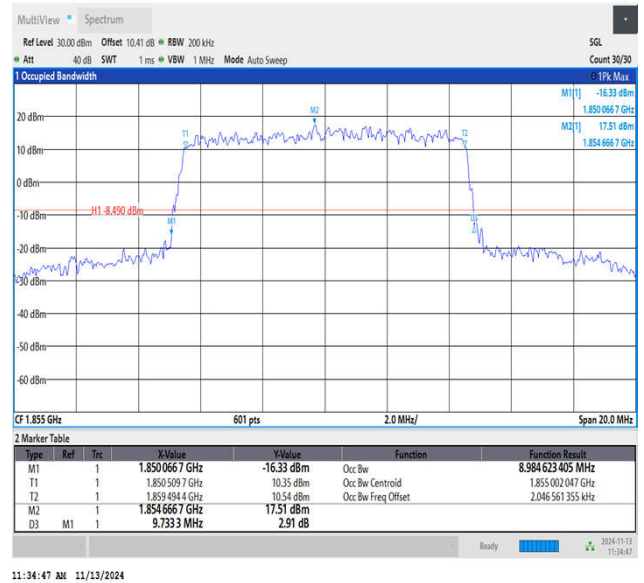
Band2-5MHz-64QAM-18625-25RB#0-PASS



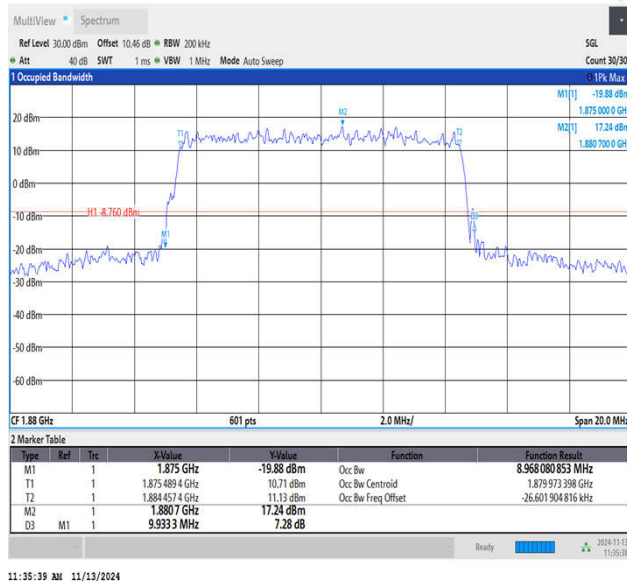
Band2-5MHz-64QAM-18900-25RB#0-PASS



Band2-5MHz-64QAM-19175-25RB#0-PASS

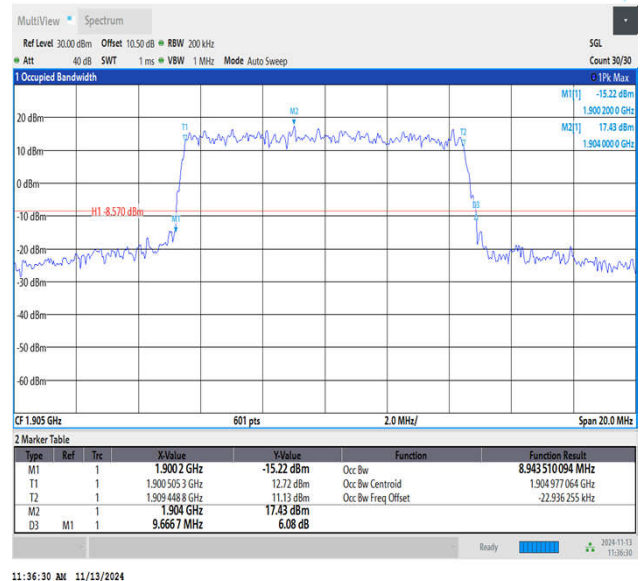


Band2-10MHz-QPSK-18650-50RB#0-PASS



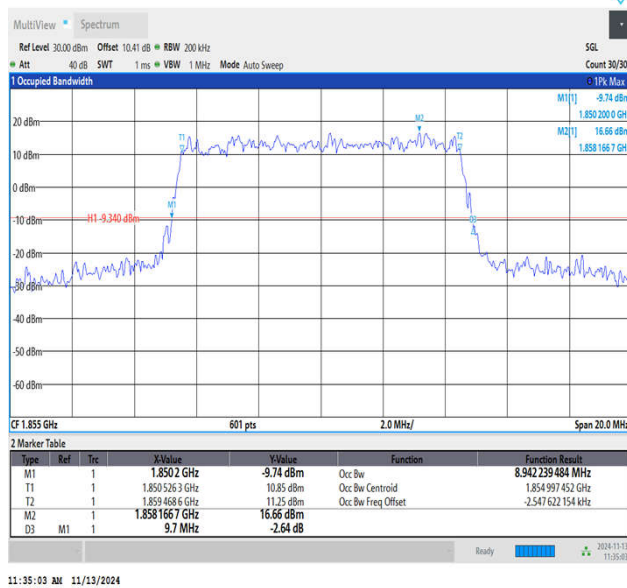
11:35:39 AM 11/13/2024

Band2-10MHz-QPSK-18900-50RB#0-PASS



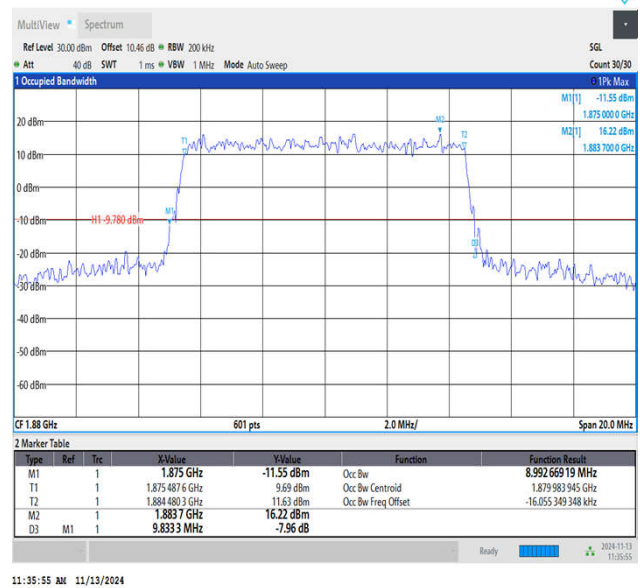
11:36:30 AM 11/13/2024

Band2-10MHz-QPSK-19150-50RB#0-PASS



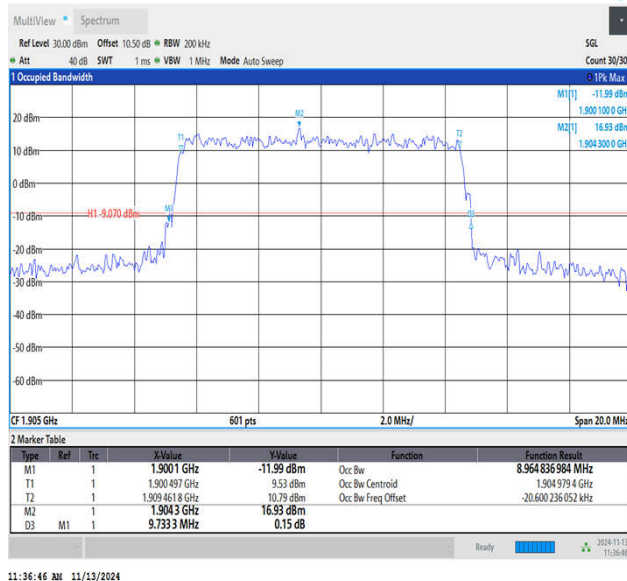
11:35:03 AM 11/13/2024

Band2-10MHz-16QAM-18650-50RB#0-PASS



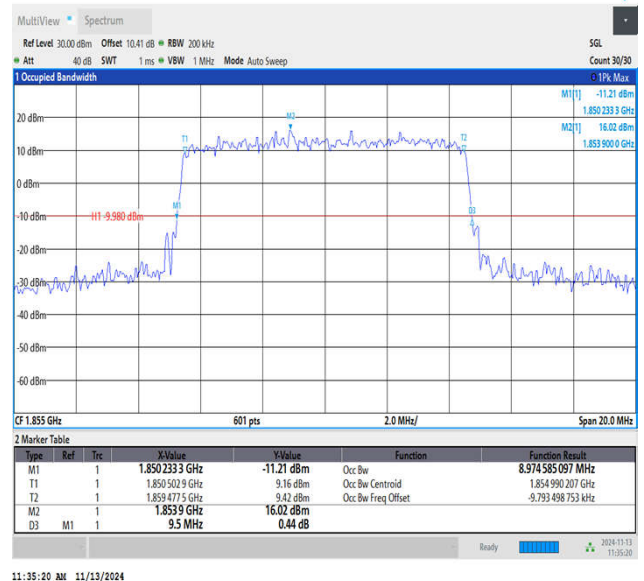
11:35:55 AM 11/13/2024

Band2-10MHz-16QAM-18900-50RB#0-PASS



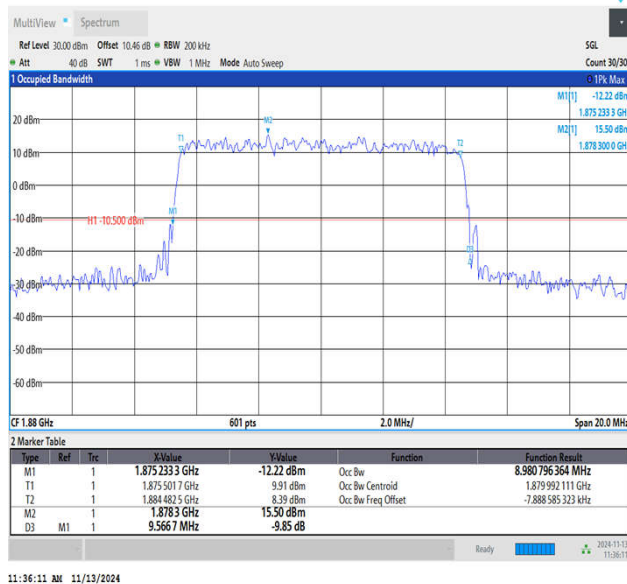
11:36:46 AM 11/13/2024

Band2-10MHz-16QAM-19150-50RB#0-PASS



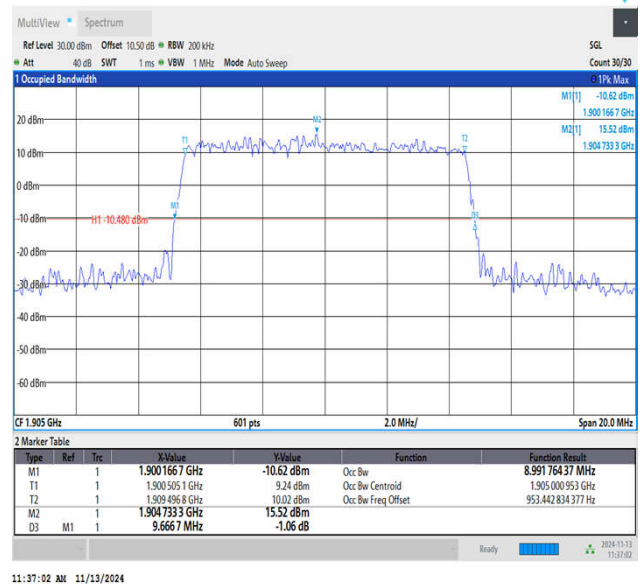
11:35:20 AM 11/13/2024

Band2-10MHz-64QAM-18650-50RB#0-PASS



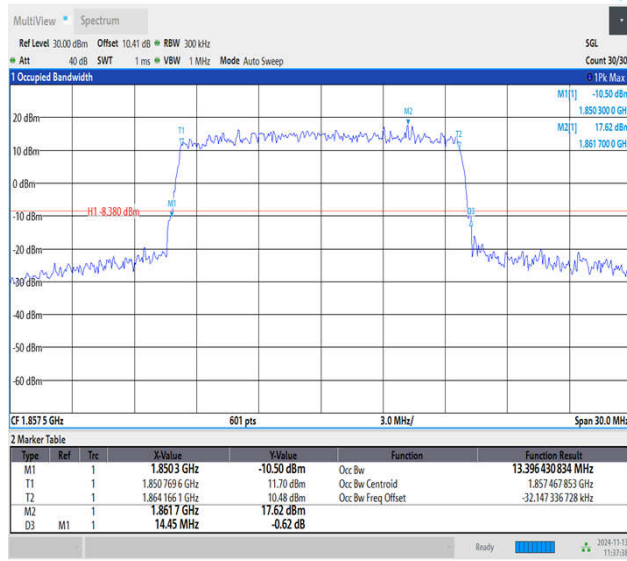
11:36:11 AM 11/13/2024

Band2-10MHz-64QAM-18900-50RB#0-PASS



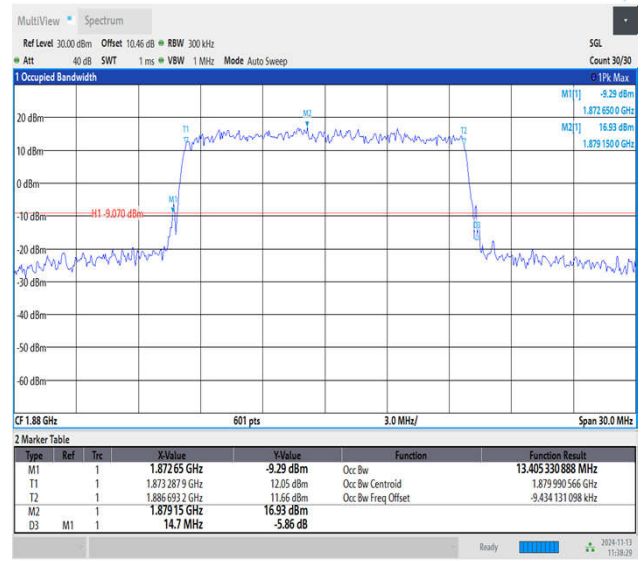
11:37:02 AM 11/13/2024

Band2-10MHz-64QAM-19150-50RB#0-PASS



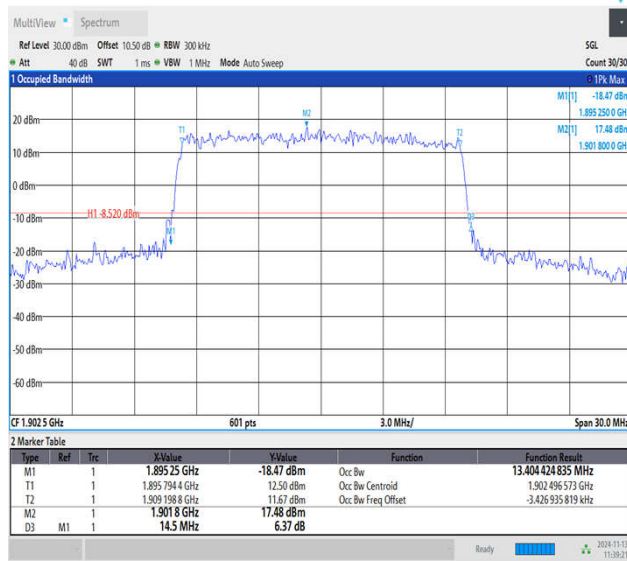
11:37:38 AM 11/13/2024

Band2-15MHz-QPSK-18675-75RB#0-PASS



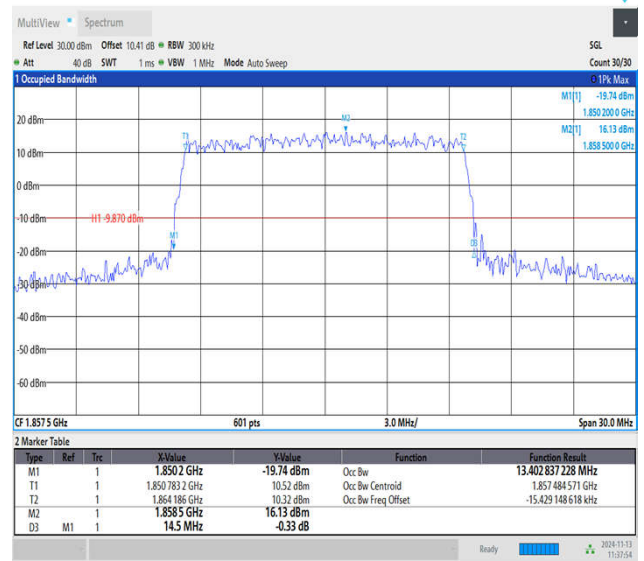
11:38:29 AM 11/13/2024

Band2-15MHz-QPSK-18900-75RB#0-PASS



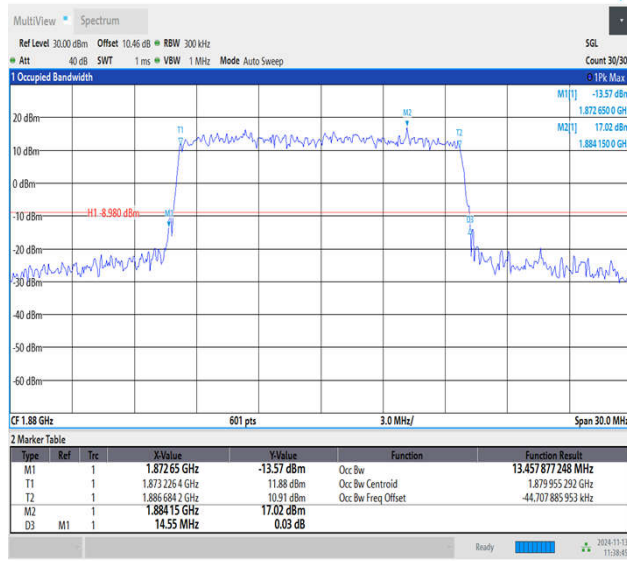
11:39:21 AM 11/13/2024

Band2-15MHz-QPSK-19125-75RB#0-PASS



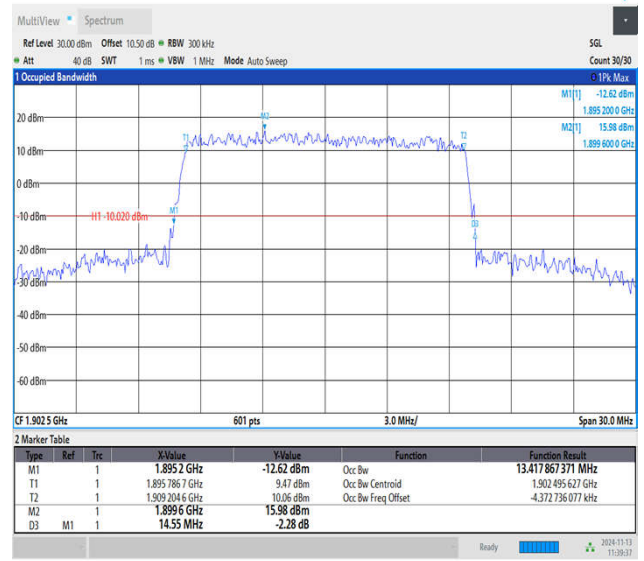
11:37:54 AM 11/13/2024

Band2-15MHz-16QAM-18675-75RB#0-PASS



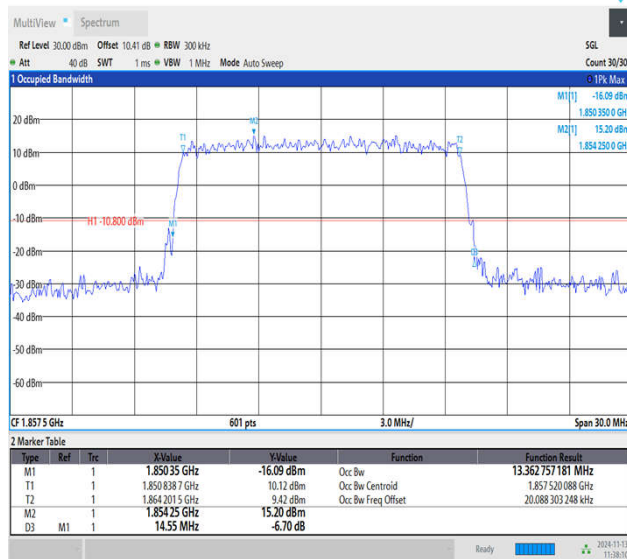
11:38:46 AM 11/13/2024

Band2-15MHz-16QAM-18900-75RB#0-PASS



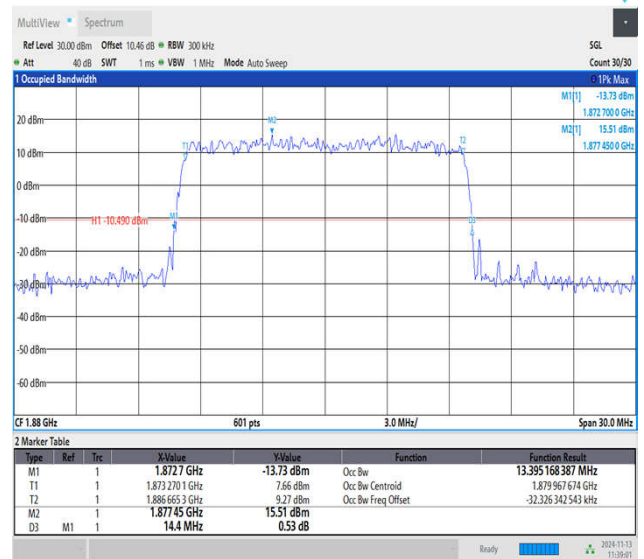
11:39:38 AM 11/13/2024

Band2-15MHz-16QAM-19125-75RB#0-PASS



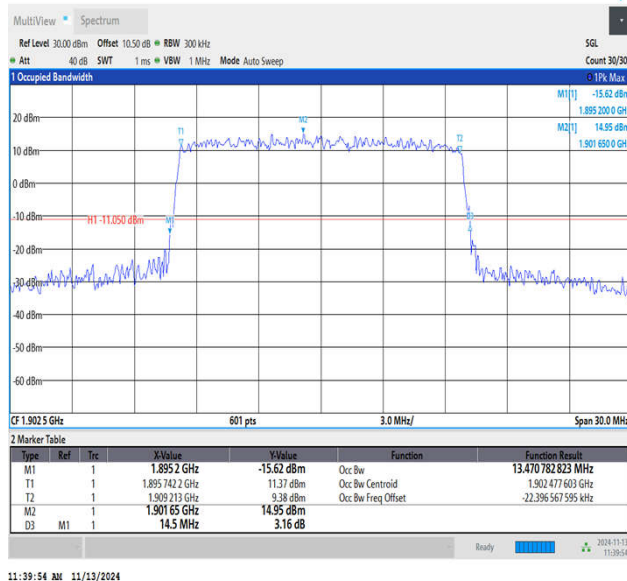
11:38:11 AM 11/13/2024

Band2-15MHz-64QAM-18675-75RB#0-PASS

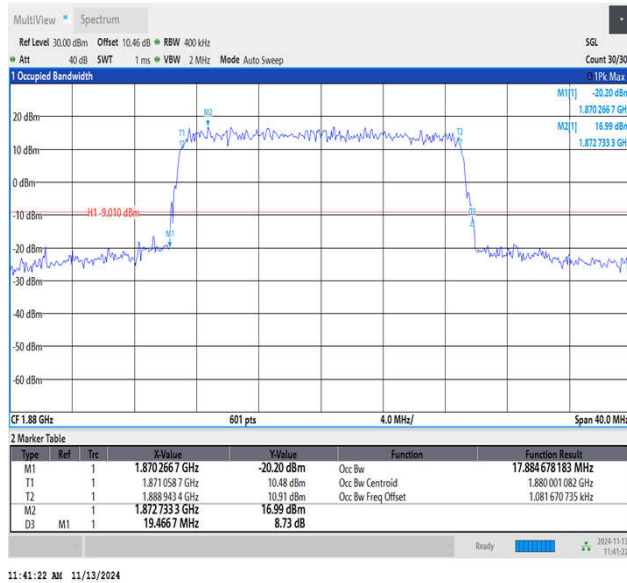


11:39:02 AM 11/13/2024

Band2-15MHz-64QAM-18900-75RB#0-PASS



Band2-15MHz-64QAM-19125-75RB#0-PASS



Band2-20MHz-QPSK-18900-100RB#0-PASS



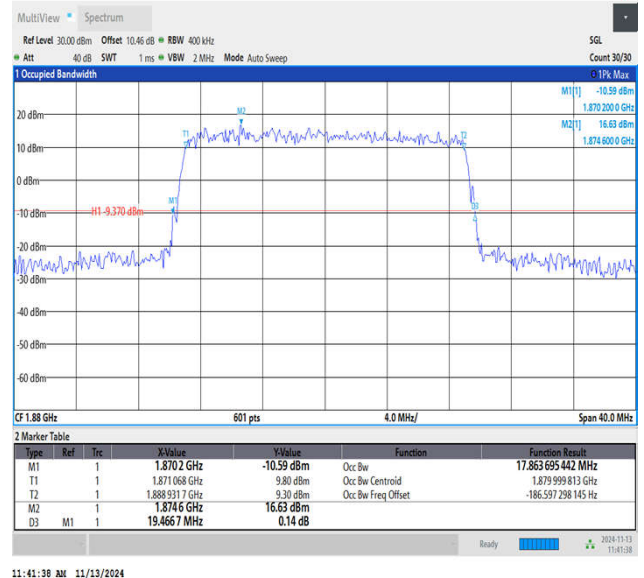
Band2-20MHz-QPSK-18700-100RB#0-PASS



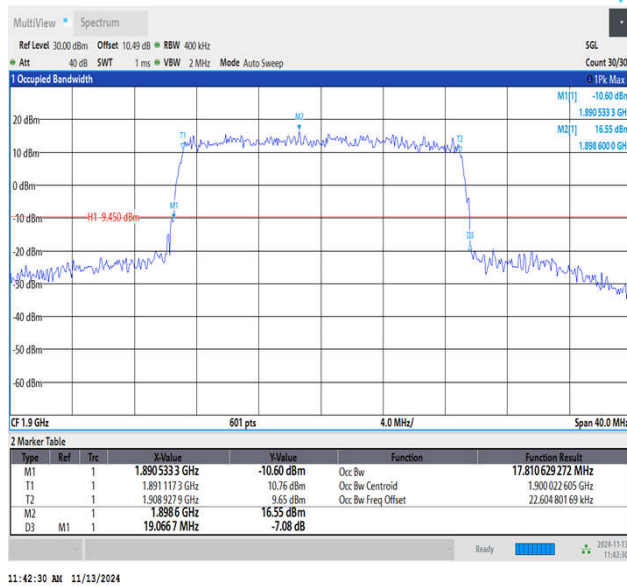
Band2-20MHz-QPSK-19100-100RB#0-PASS



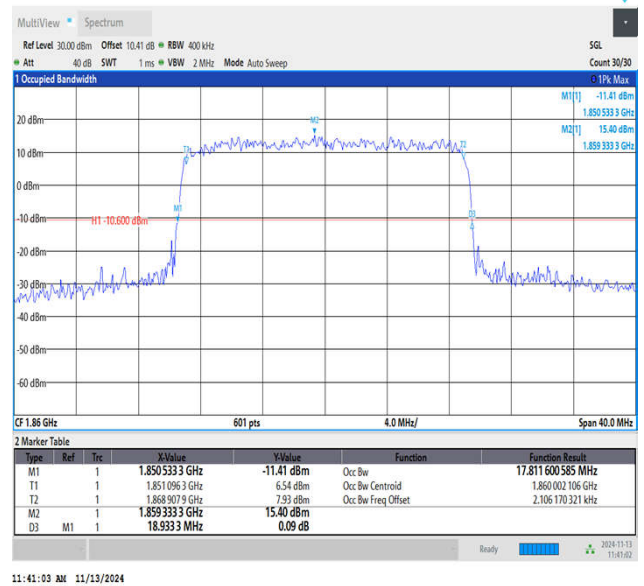
Band2-20MHz-16QAM-18700-100RB#0-PASS



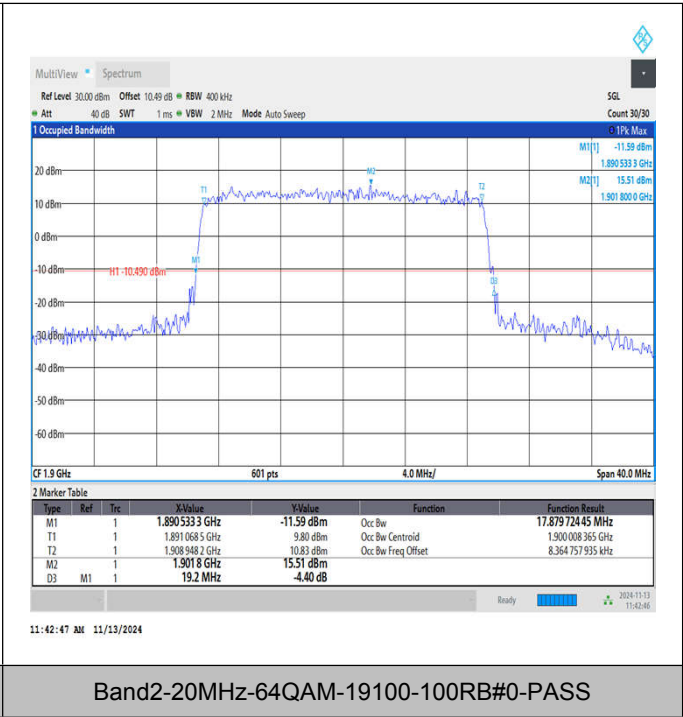
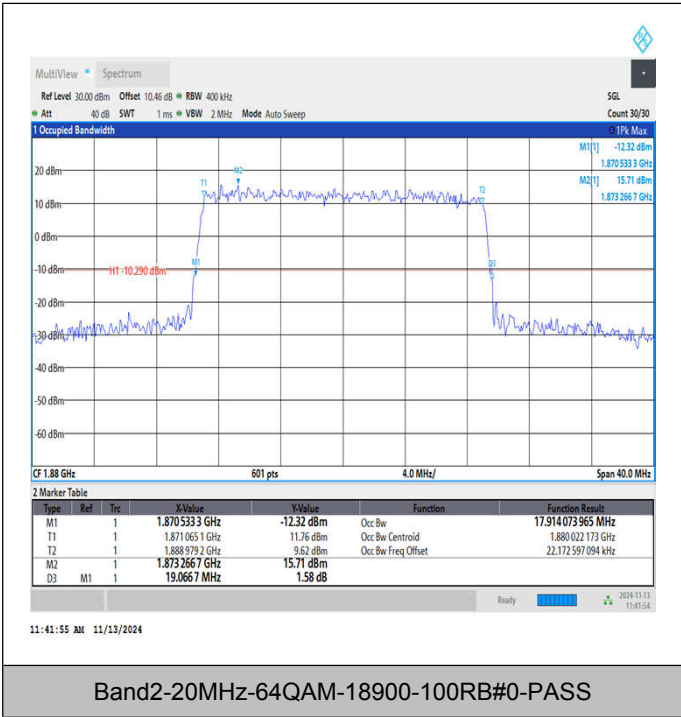
Band2-20MHz-16QAM-18900-100RB#0-PASS



Band2-20MHz-16QAM-19100-100RB#0-PASS



Band2-20MHz-64QAM-18700-100RB#0-PASS



1.4 Band Edge

1.4.1 Test Result

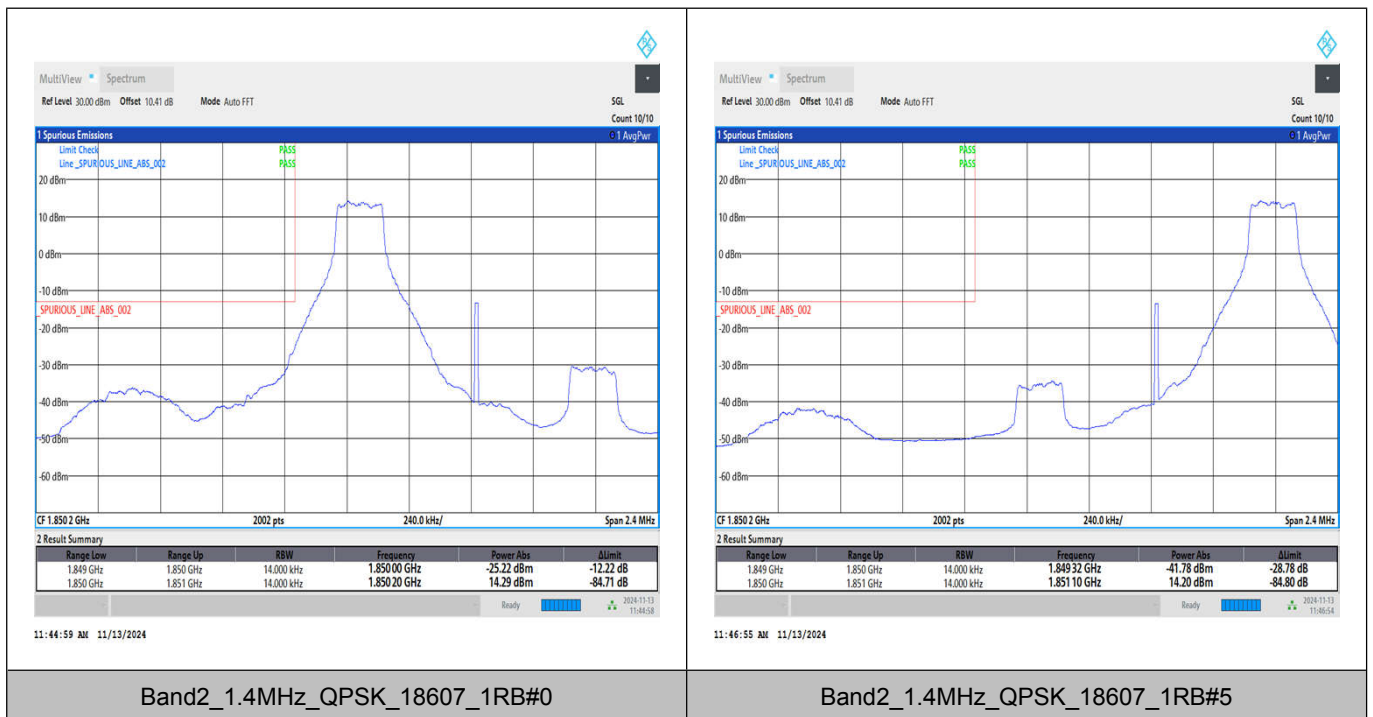
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-25.22	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-41.78	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-27.44	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-34.47	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-22.93	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-25.10	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-25.52	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-43.20	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-28.78	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-36.38	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-23.49	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-27.78	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	-27.47	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	-44.78	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	-29.86	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	-36.67	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	-25.96	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	-27.22	PASS
Band2	3MHz	QPSK	18615	1RB#0	-20.30	PASS
Band2	3MHz	QPSK	18615	1RB#14	-44.67	PASS
Band2	3MHz	QPSK	18615	15RB#0	-25.74	PASS
Band2	3MHz	QPSK	19185	1RB#0	-43.48	PASS
Band2	3MHz	QPSK	19185	1RB#14	-17.42	PASS
Band2	3MHz	QPSK	19185	15RB#0	-24.81	PASS
Band2	3MHz	16QAM	18615	1RB#0	-20.28	PASS
Band2	3MHz	16QAM	18615	1RB#14	-45.37	PASS
Band2	3MHz	16QAM	18615	15RB#0	-27.73	PASS
Band2	3MHz	16QAM	19185	1RB#0	-44.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	-18.13	PASS
Band2	3MHz	16QAM	19185	15RB#0	-27.47	PASS
Band2	3MHz	64QAM	18615	1RB#0	-23.75	PASS

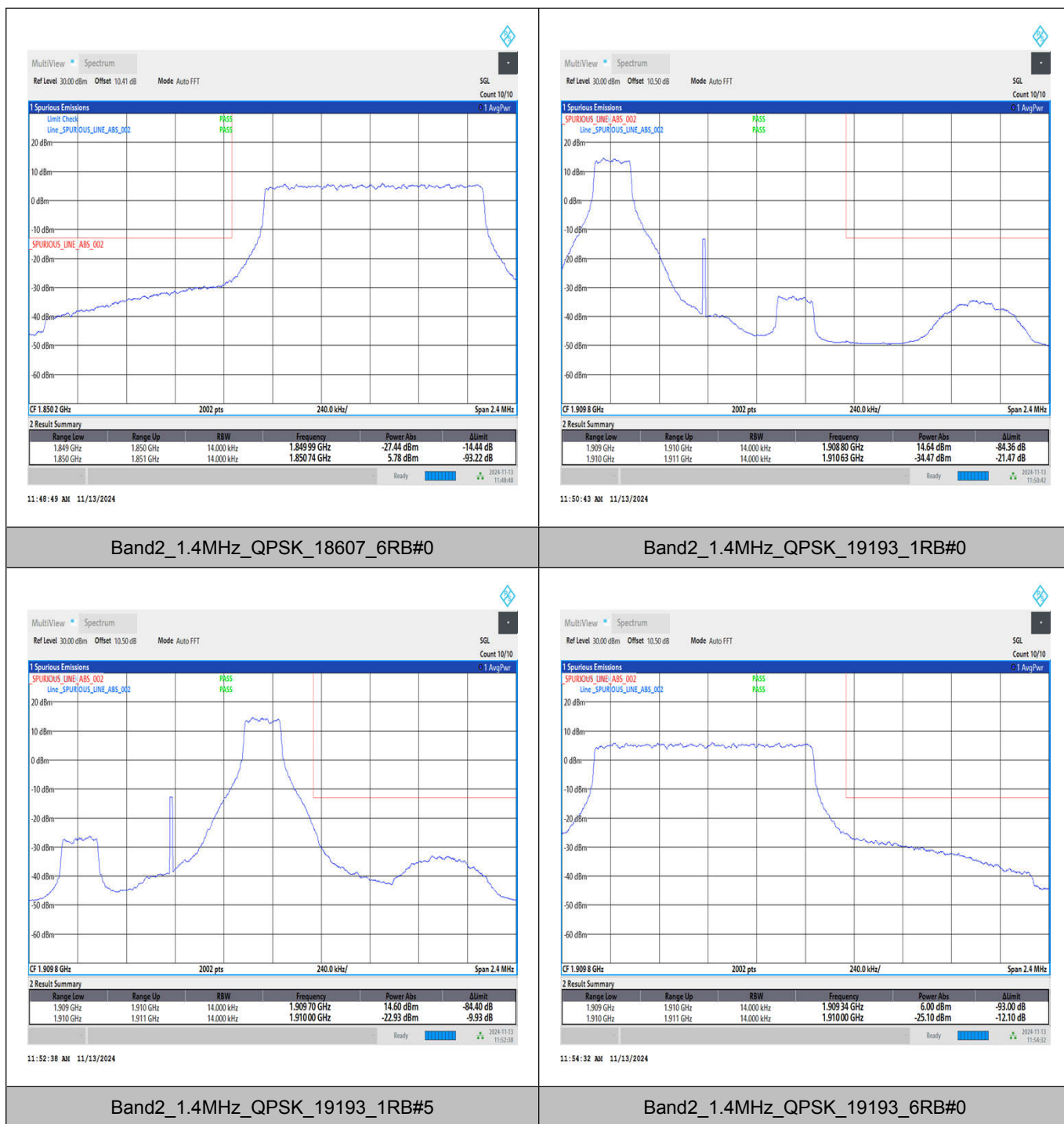
Band2	3MHz	64QAM	18615	1RB#14	-46.46	PASS
Band2	3MHz	64QAM	18615	15RB#0	-30.67	PASS
Band2	3MHz	64QAM	19185	1RB#0	-45.53	PASS
Band2	3MHz	64QAM	19185	1RB#14	-22.69	PASS
Band2	3MHz	64QAM	19185	15RB#0	-29.02	PASS
Band2	5MHz	QPSK	18625	1RB#0	-21.33	PASS
Band2	5MHz	QPSK	18625	1RB#24	-55.59	PASS
Band2	5MHz	QPSK	18625	25RB#0	-27.05	PASS
Band2	5MHz	QPSK	19175	1RB#0	-51.51	PASS
Band2	5MHz	QPSK	19175	1RB#24	-20.73	PASS
Band2	5MHz	QPSK	19175	25RB#0	-26.15	PASS
Band2	5MHz	16QAM	18625	1RB#0	-20.61	PASS
Band2	5MHz	16QAM	18625	1RB#24	-56.05	PASS
Band2	5MHz	16QAM	18625	25RB#0	-29.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	-51.61	PASS
Band2	5MHz	16QAM	19175	1RB#24	-21.70	PASS
Band2	5MHz	16QAM	19175	25RB#0	-28.14	PASS
Band2	5MHz	64QAM	18625	1RB#0	-24.30	PASS
Band2	5MHz	64QAM	18625	1RB#24	-57.30	PASS
Band2	5MHz	64QAM	18625	25RB#0	-30.76	PASS
Band2	5MHz	64QAM	19175	1RB#0	-52.22	PASS
Band2	5MHz	64QAM	19175	1RB#24	-22.76	PASS
Band2	5MHz	64QAM	19175	25RB#0	-30.86	PASS
Band2	10MHz	QPSK	18650	1RB#0	-30.92	PASS
Band2	10MHz	QPSK	18650	1RB#49	-55.42	PASS
Band2	10MHz	QPSK	18650	50RB#0	-29.27	PASS
Band2	10MHz	QPSK	19150	1RB#0	-50.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	-30.10	PASS
Band2	10MHz	QPSK	19150	50RB#0	-28.83	PASS
Band2	10MHz	16QAM	18650	1RB#0	-31.66	PASS
Band2	10MHz	16QAM	18650	1RB#49	-55.70	PASS
Band2	10MHz	16QAM	18650	50RB#0	-31.45	PASS
Band2	10MHz	16QAM	19150	1RB#0	-50.05	PASS
Band2	10MHz	16QAM	19150	1RB#49	-30.06	PASS
Band2	10MHz	16QAM	19150	50RB#0	-31.22	PASS

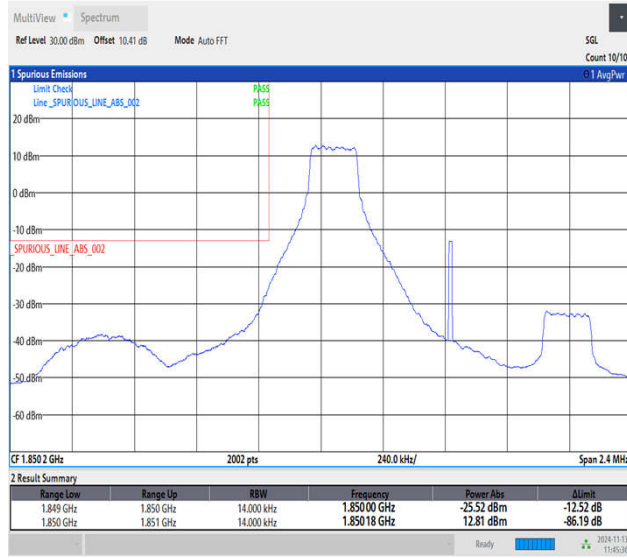
Band2	10MHz	64QAM	18650	1RB#0	-34.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	-56.84	PASS
Band2	10MHz	64QAM	18650	50RB#0	-35.10	PASS
Band2	10MHz	64QAM	19150	1RB#0	-50.22	PASS
Band2	10MHz	64QAM	19150	1RB#49	-33.01	PASS
Band2	10MHz	64QAM	19150	50RB#0	-34.26	PASS
Band2	15MHz	QPSK	18675	1RB#0	-27.61	PASS
Band2	15MHz	QPSK	18675	1RB#74	-56.13	PASS
Band2	15MHz	QPSK	18675	75RB#0	-30.96	PASS
Band2	15MHz	QPSK	19125	1RB#0	-48.83	PASS
Band2	15MHz	QPSK	19125	1RB#74	-27.43	PASS
Band2	15MHz	QPSK	19125	75RB#0	-29.80	PASS
Band2	15MHz	16QAM	18675	1RB#0	-27.92	PASS
Band2	15MHz	16QAM	18675	1RB#74	-56.38	PASS
Band2	15MHz	16QAM	18675	75RB#0	-33.74	PASS
Band2	15MHz	16QAM	19125	1RB#0	-48.75	PASS
Band2	15MHz	16QAM	19125	1RB#74	-28.27	PASS
Band2	15MHz	16QAM	19125	75RB#0	-32.60	PASS
Band2	15MHz	64QAM	18675	1RB#0	-29.83	PASS
Band2	15MHz	64QAM	18675	1RB#74	-56.58	PASS
Band2	15MHz	64QAM	18675	75RB#0	-37.39	PASS
Band2	15MHz	64QAM	19125	1RB#0	-48.96	PASS
Band2	15MHz	64QAM	19125	1RB#74	-28.55	PASS
Band2	15MHz	64QAM	19125	75RB#0	-36.46	PASS
Band2	20MHz	QPSK	18700	1RB#0	-30.02	PASS
Band2	20MHz	QPSK	18700	1RB#99	-54.77	PASS
Band2	20MHz	QPSK	18700	100RB#0	-31.40	PASS
Band2	20MHz	QPSK	19100	1RB#0	-47.69	PASS
Band2	20MHz	QPSK	19100	1RB#99	-30.12	PASS
Band2	20MHz	QPSK	19100	100RB#0	-30.23	PASS
Band2	20MHz	16QAM	18700	1RB#0	-31.35	PASS
Band2	20MHz	16QAM	18700	1RB#99	-55.38	PASS
Band2	20MHz	16QAM	18700	100RB#0	-34.34	PASS
Band2	20MHz	16QAM	19100	1RB#0	-47.77	PASS
Band2	20MHz	16QAM	19100	1RB#99	-30.81	PASS

Band2	20MHz	16QAM	19100	100RB#0	-33.46	PASS
Band2	20MHz	64QAM	18700	1RB#0	-32.11	PASS
Band2	20MHz	64QAM	18700	1RB#99	-55.64	PASS
Band2	20MHz	64QAM	18700	100RB#0	-38.78	PASS
Band2	20MHz	64QAM	19100	1RB#0	-47.75	PASS
Band2	20MHz	64QAM	19100	1RB#99	-32.40	PASS
Band2	20MHz	64QAM	19100	100RB#0	-37.82	PASS

1.4.2 Test Graphs

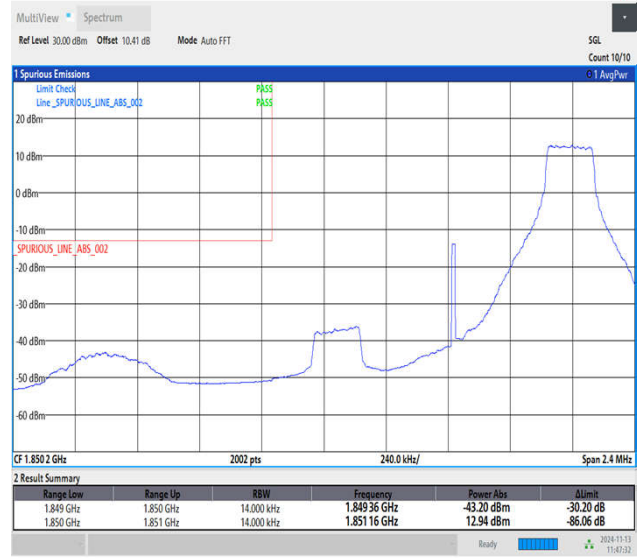






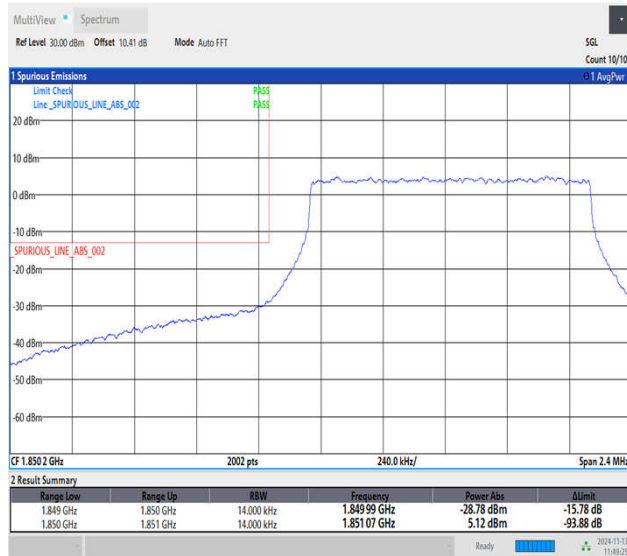
11:45:37 AM 11/13/2024

Band2_1.4MHz_16QAM_18607_1RB#0



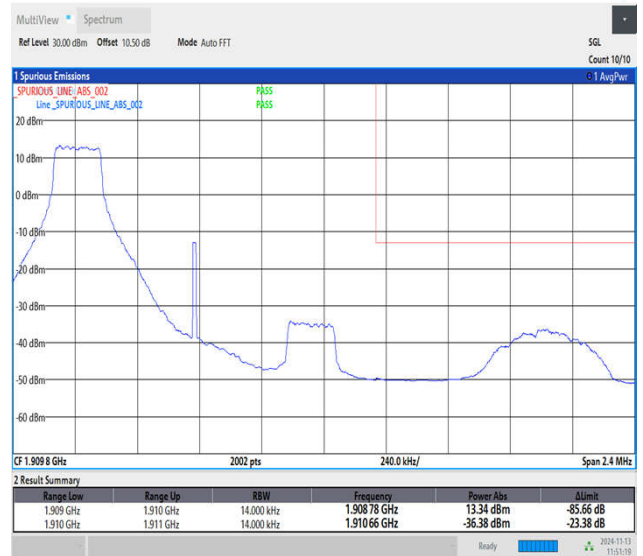
11:47:33 AM 11/13/2024

Band2_1.4MHz_16QAM_18607_1RB#5



11:49:26 AM 11/13/2024

Band2_1.4MHz_16QAM_18607_6RB#0



11:51:20 AM 11/13/2024

Band2_1.4MHz_16QAM_19193_1RB#0

