

Appendix A: Effective(Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted power(dBm)	Max Ant Gain (dBi)	EIRP (dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	22.59	-2.88	19.71	PASS
Band19	5MHz	QPSK	24025	1RB#12	22.61	-2.88	19.73	PASS
Band19	5MHz	QPSK	24025	1RB#24	22.58	-2.88	19.70	PASS
Band19	5MHz	QPSK	24025	12RB#0	21.83	-2.88	18.95	PASS
Band19	5MHz	QPSK	24025	12RB#6	21.84	-2.88	18.96	PASS
Band19	5MHz	QPSK	24025	12RB#13	21.93	-2.88	19.05	PASS
Band19	5MHz	QPSK	24025	25RB#0	21.97	-2.88	19.09	PASS
Band19	5MHz	16QAM	24025	1RB#0	21.74	-2.88	18.86	PASS
Band19	5MHz	16QAM	24025	1RB#12	21.78	-2.88	18.90	PASS
Band19	5MHz	16QAM	24025	1RB#24	21.75	-2.88	18.87	PASS
Band19	5MHz	16QAM	24025	12RB#0	21.12	-2.88	18.24	PASS
Band19	5MHz	16QAM	24025	12RB#6	21.09	-2.88	18.21	PASS
Band19	5MHz	16QAM	24025	12RB#13	21.20	-2.88	18.32	PASS
Band19	5MHz	16QAM	24025	25RB#0	21.25	-2.88	18.37	PASS
Band19	5MHz	QPSK	24075	1RB#0	22.60	-2.88	19.72	PASS
Band19	5MHz	QPSK	24075	1RB#12	22.17	-2.88	19.29	PASS
Band19	5MHz	QPSK	24075	1RB#24	21.81	-2.88	18.93	PASS
Band19	5MHz	QPSK	24075	12RB#0	21.98	-2.88	19.10	PASS
Band19	5MHz	QPSK	24075	12RB#6	21.97	-2.88	19.09	PASS
Band19	5MHz	QPSK	24075	12RB#13	22.08	-2.88	19.20	PASS
Band19	5MHz	QPSK	24075	25RB#0	22.02	-2.88	19.14	PASS
Band19	5MHz	16QAM	24075	1RB#0	21.96	-2.88	19.08	PASS
Band19	5MHz	16QAM	24075	1RB#12	21.44	-2.88	18.56	PASS
Band19	5MHz	16QAM	24075	1RB#24	22.06	-2.88	19.18	PASS
Band19	5MHz	16QAM	24075	12RB#0	20.42	-2.88	17.54	PASS
Band19	5MHz	16QAM	24075	12RB#6	21.24	-2.88	18.36	PASS
Band19	5MHz	16QAM	24075	12RB#13	21.36	-2.88	18.48	PASS
Band19	5MHz	16QAM	24075	25RB#0	21.29	-2.88	18.41	PASS
Band19	5MHz	QPSK	24125	1RB#0	22.86	-2.88	19.98	PASS
Band19	5MHz	QPSK	24125	1RB#12	22.94	-2.88	20.06	PASS
Band19	5MHz	QPSK	24125	1RB#24	22.81	-2.88	19.93	PASS
Band19	5MHz	QPSK	24125	12RB#0	22.11	-2.88	19.23	PASS
Band19	5MHz	QPSK	24125	12RB#6	22.14	-2.88	19.26	PASS
Band19	5MHz	QPSK	24125	12RB#13	22.17	-2.88	19.29	PASS
Band19	5MHz	QPSK	24125	25RB#0	22.17	-2.88	19.29	PASS

Band19	5MHz	16QAM	24125	1RB#0	21.96	-2.88	19.08	PASS
Band19	5MHz	16QAM	24125	1RB#12	22.09	-2.88	19.21	PASS
Band19	5MHz	16QAM	24125	1RB#24	21.97	-2.88	19.09	PASS
Band19	5MHz	16QAM	24125	12RB#0	21.37	-2.88	18.49	PASS
Band19	5MHz	16QAM	24125	12RB#6	21.42	-2.88	18.54	PASS
Band19	5MHz	16QAM	24125	12RB#13	21.44	-2.88	18.56	PASS
Band19	5MHz	16QAM	24125	25RB#0	21.47	-2.88	18.59	PASS
Band19	10MHz	QPSK	24050	1RB#0	23.54	-2.88	20.66	PASS
Band19	10MHz	QPSK	24050	1RB#24	22.64	-2.88	19.76	PASS
Band19	10MHz	QPSK	24050	1RB#49	22.76	-2.88	19.88	PASS
Band19	10MHz	QPSK	24050	25RB#0	21.84	-2.88	18.96	PASS
Band19	10MHz	QPSK	24050	25RB#12	21.84	-2.88	18.96	PASS
Band19	10MHz	QPSK	24050	25RB#25	22.07	-2.88	19.19	PASS
Band19	10MHz	QPSK	24050	50RB#0	21.99	-2.88	19.11	PASS
Band19	10MHz	16QAM	24050	1RB#0	21.78	-2.88	18.90	PASS
Band19	10MHz	16QAM	24050	1RB#24	21.80	-2.88	18.92	PASS
Band19	10MHz	16QAM	24050	1RB#49	21.95	-2.88	19.07	PASS
Band19	10MHz	16QAM	24050	25RB#0	21.10	-2.88	18.22	PASS
Band19	10MHz	16QAM	24050	25RB#12	21.11	-2.88	18.23	PASS
Band19	10MHz	16QAM	24050	25RB#25	21.33	-2.88	18.45	PASS
Band19	10MHz	16QAM	24050	50RB#0	21.25	-2.88	18.37	PASS
Band19	10MHz	QPSK	24075	1RB#0	22.63	-2.88	19.75	PASS
Band19	10MHz	QPSK	24075	1RB#24	22.67	-2.88	19.79	PASS
Band19	10MHz	QPSK	24075	1RB#49	22.78	-2.88	19.90	PASS
Band19	10MHz	QPSK	24075	25RB#0	21.94	-2.88	19.06	PASS
Band19	10MHz	QPSK	24075	25RB#12	21.89	-2.88	19.01	PASS
Band19	10MHz	QPSK	24075	25RB#25	22.16	-2.88	19.28	PASS
Band19	10MHz	QPSK	24075	50RB#0	22.06	-2.88	19.18	PASS
Band19	10MHz	16QAM	24075	1RB#0	21.86	-2.88	18.98	PASS
Band19	10MHz	16QAM	24075	1RB#24	21.89	-2.88	19.01	PASS
Band19	10MHz	16QAM	24075	1RB#49	22.05	-2.88	19.17	PASS
Band19	10MHz	16QAM	24075	25RB#0	21.14	-2.88	18.26	PASS
Band19	10MHz	16QAM	24075	25RB#12	21.16	-2.88	18.28	PASS
Band19	10MHz	16QAM	24075	25RB#25	21.42	-2.88	18.54	PASS
Band19	10MHz	16QAM	24075	50RB#0	21.32	-2.88	18.44	PASS
Band19	10MHz	QPSK	24100	1RB#0	22.65	-2.88	19.77	PASS
Band19	10MHz	QPSK	24100	1RB#24	22.83	-2.88	19.95	PASS
Band19	10MHz	QPSK	24100	1RB#49	22.84	-2.88	19.96	PASS
Band19	10MHz	QPSK	24100	25RB#0	22.02	-2.88	19.14	PASS
Band19	10MHz	QPSK	24100	25RB#12	21.95	-2.88	19.07	PASS
Band19	10MHz	QPSK	24100	25RB#25	22.17	-2.88	19.29	PASS
Band19	10MHz	QPSK	24100	50RB#0	22.14	-2.88	19.26	PASS
Band19	10MHz	16QAM	24100	1RB#0	21.74	-2.88	18.86	PASS

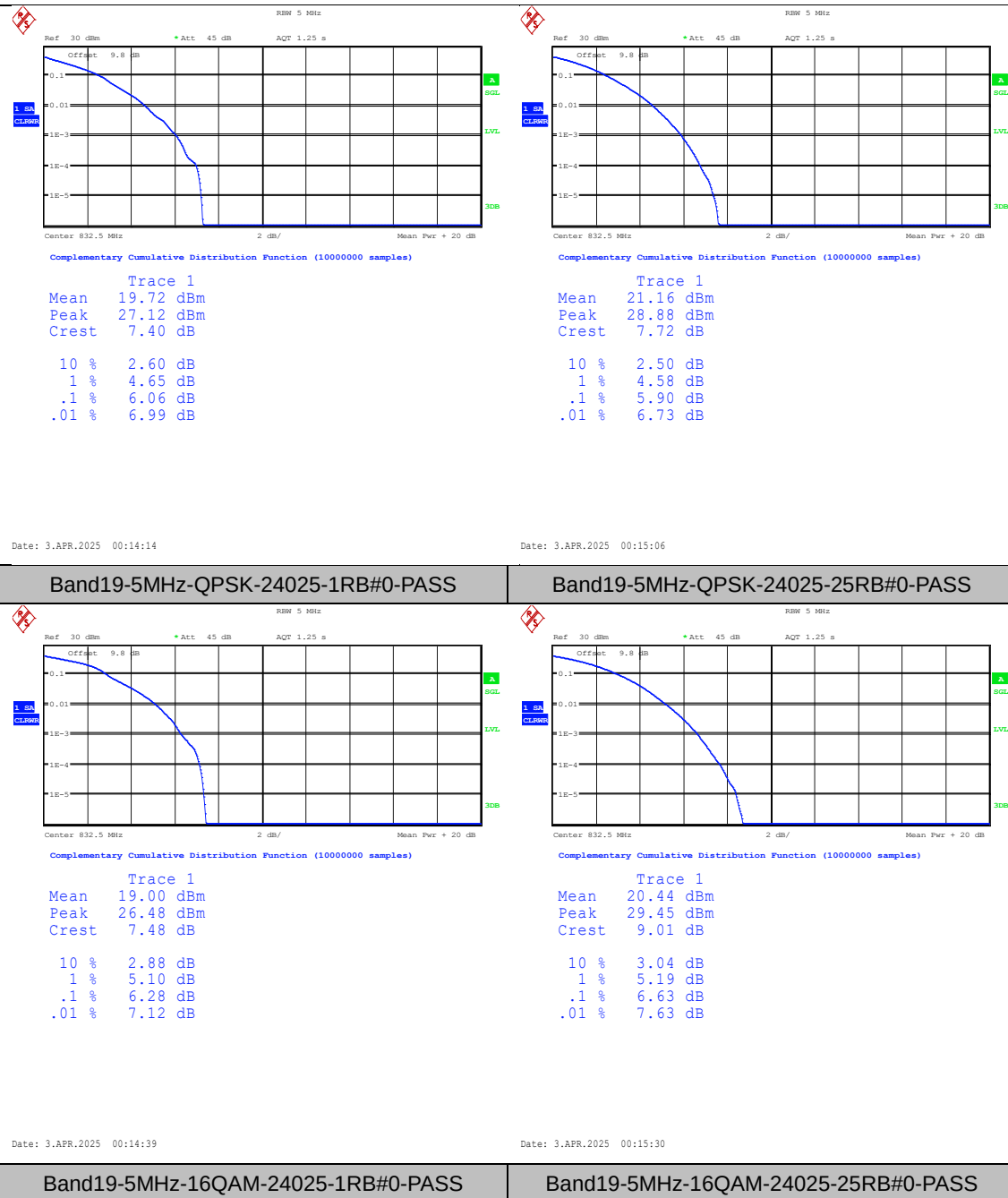
Band19	10MHz	16QAM	24100	1RB#24	21.84	-2.88	18.96	PASS
Band19	10MHz	16QAM	24100	1RB#49	21.95	-2.88	19.07	PASS
Band19	10MHz	16QAM	24100	25RB#0	21.27	-2.88	18.39	PASS
Band19	10MHz	16QAM	24100	25RB#12	21.24	-2.88	18.36	PASS
Band19	10MHz	16QAM	24100	25RB#25	21.45	-2.88	18.57	PASS
Band19	10MHz	16QAM	24100	50RB#0	21.40	-2.88	18.52	PASS
Band19	15MHz	QPSK	24075	1RB#0	22.54	-2.88	19.66	PASS
Band19	15MHz	QPSK	24075	1RB#38	22.69	-2.88	19.81	PASS
Band19	15MHz	QPSK	24075	1RB#74	22.83	-2.88	19.95	PASS
Band19	15MHz	QPSK	24075	38RB#0	21.77	-2.88	18.89	PASS
Band19	15MHz	QPSK	24075	38RB#18	21.93	-2.88	19.05	PASS
Band19	15MHz	QPSK	24075	38RB#37	22.07	-2.88	19.19	PASS
Band19	15MHz	QPSK	24075	75RB#0	21.90	-2.88	19.02	PASS
Band19	15MHz	16QAM	24075	1RB#0	22.67	-2.88	19.79	PASS
Band19	15MHz	16QAM	24075	1RB#38	22.03	-2.88	19.15	PASS
Band19	15MHz	16QAM	24075	1RB#74	22.06	-2.88	19.18	PASS
Band19	15MHz	16QAM	24075	38RB#0	21.80	-2.88	18.92	PASS
Band19	15MHz	16QAM	24075	38RB#18	21.92	-2.88	19.04	PASS
Band19	15MHz	16QAM	24075	38RB#37	22.06	-2.88	19.18	PASS
Band19	15MHz	16QAM	24075	75RB#0	21.09	-2.88	18.21	PASS

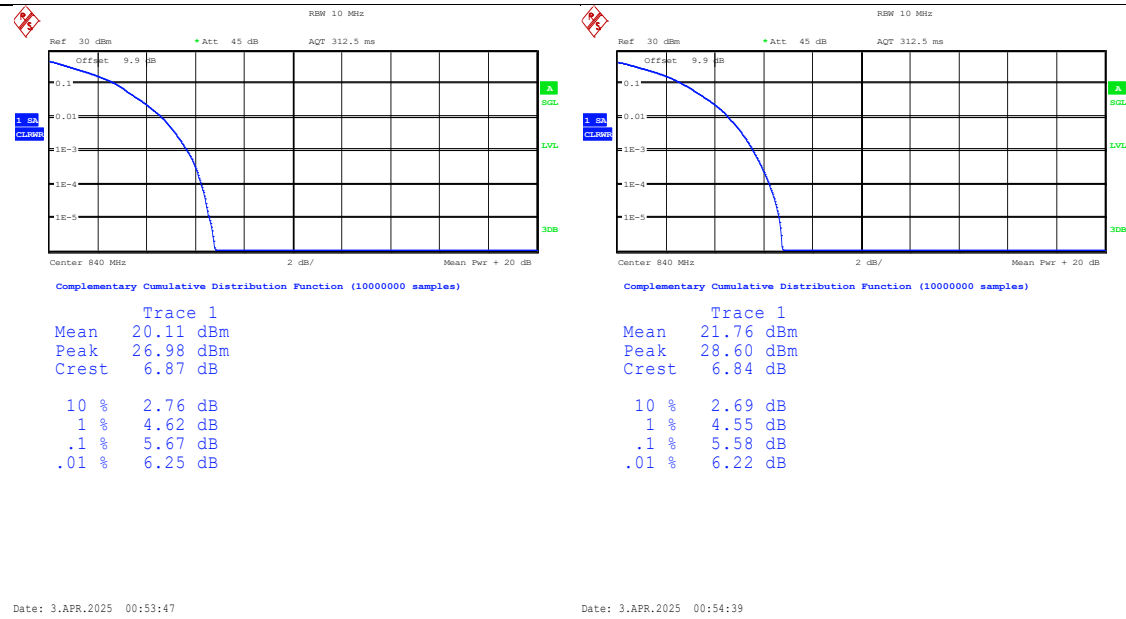
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

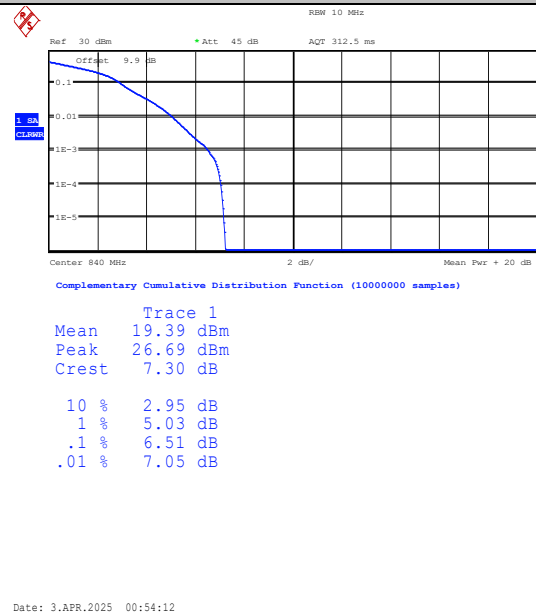
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	6.06	13	PASS
Band19	5MHz	QPSK	24025	25RB#0	5.90	13	PASS
Band19	5MHz	16QAM	24025	1RB#0	6.28	13	PASS
Band19	5MHz	16QAM	24025	25RB#0	6.63	13	PASS
Band19	5MHz	QPSK	24075	1RB#0	5.90	13	PASS
Band19	5MHz	QPSK	24075	25RB#0	5.22	13	PASS
Band19	5MHz	16QAM	24075	1RB#0	6.06	13	PASS
Band19	5MHz	16QAM	24075	25RB#0	6.03	13	PASS
Band19	5MHz	QPSK	24125	1RB#0	5.03	13	PASS
Band19	5MHz	QPSK	24125	25RB#0	5.29	13	PASS
Band19	5MHz	16QAM	24125	1RB#0	5.58	13	PASS
Band19	5MHz	16QAM	24125	25RB#0	6.15	13	PASS
Band19	10MHz	QPSK	24050	1RB#0	6.03	13	PASS
Band19	10MHz	QPSK	24050	50RB#0	5.71	13	PASS
Band19	10MHz	16QAM	24050	1RB#0	6.70	13	PASS
Band19	10MHz	16QAM	24050	50RB#0	6.54	13	PASS
Band19	10MHz	QPSK	24075	1RB#0	5.93	13	PASS
Band19	10MHz	QPSK	24075	50RB#0	5.61	13	PASS
Band19	10MHz	16QAM	24075	1RB#0	6.19	13	PASS
Band19	10MHz	16QAM	24075	50RB#0	6.38	13	PASS
Band19	10MHz	QPSK	24100	1RB#0	5.67	13	PASS
Band19	10MHz	QPSK	24100	50RB#0	5.58	13	PASS
Band19	10MHz	16QAM	24100	1RB#0	6.51	13	PASS
Band19	10MHz	16QAM	24100	50RB#0	6.41	13	PASS
Band19	15MHz	QPSK	24075	1RB#0	8.33	13	PASS
Band19	15MHz	QPSK	24075	75RB#0	5.96	13	PASS
Band19	15MHz	16QAM	24075	1RB#0	8.30	13	PASS
Band19	15MHz	16QAM	24075	75RB#0	6.83	13	PASS

Test Graphs

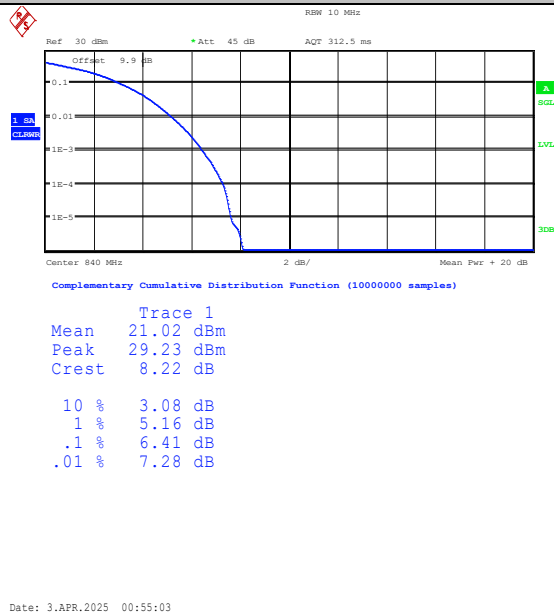




Band19-10MHz-QPSK-24100-1RB#0-PASS

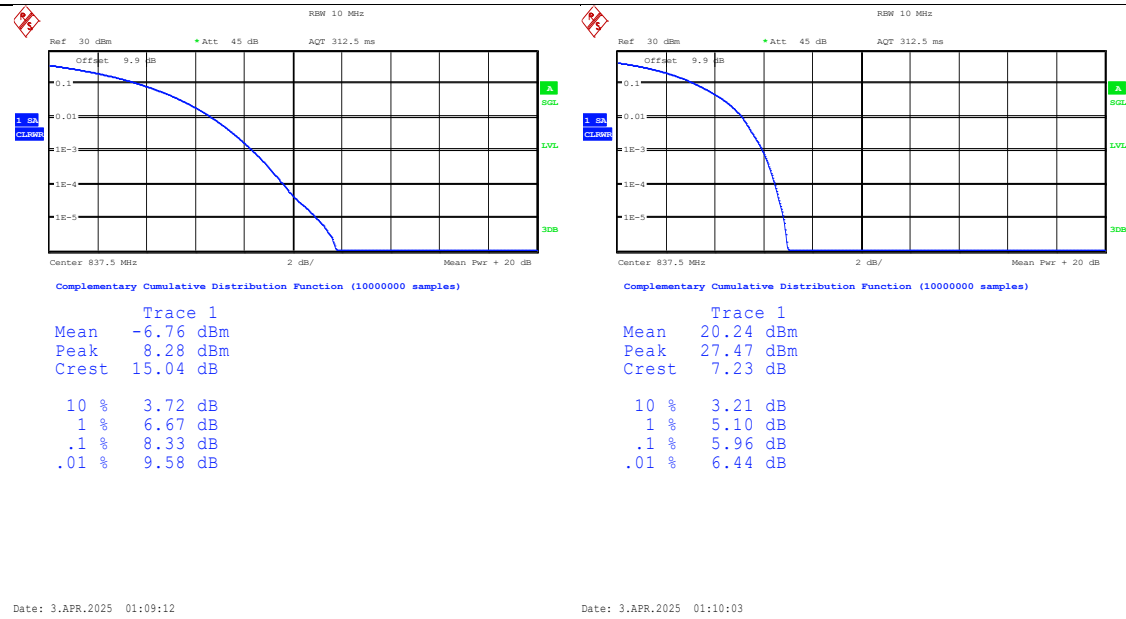


Band19-10MHz-QPSK-24100-50RB#0-PASS



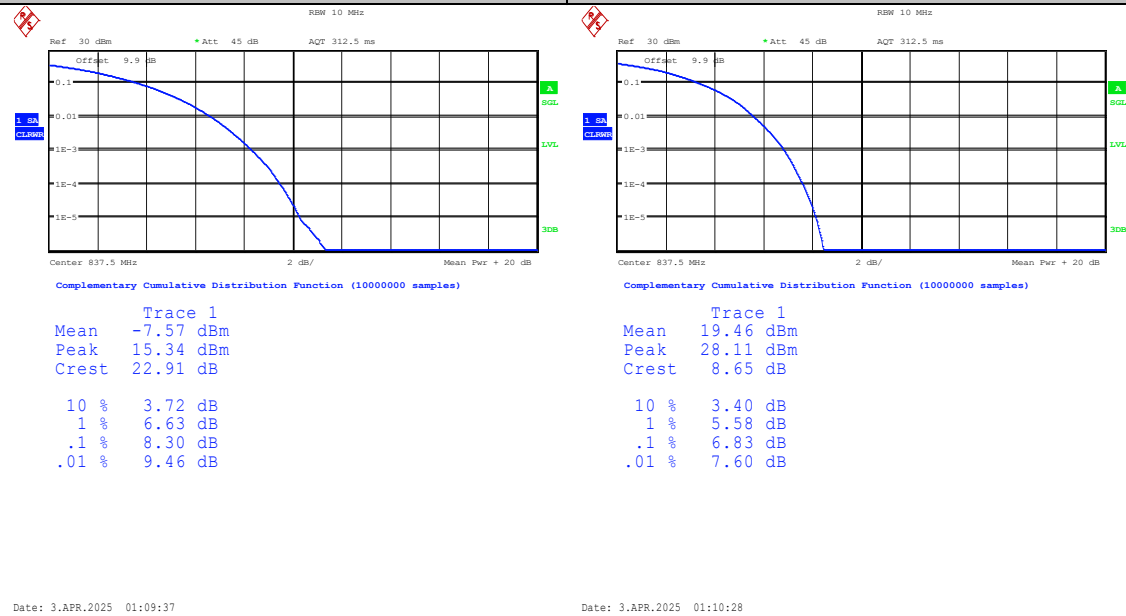
Band19-10MHz-16QAM-24100-1RB#0-PASS

Band19-10MHz-16QAM-24100-50RB#0-PASS



Band19-15MHz-QPSK-24075-1RB#0-PASS

Band19-15MHz-QPSK-24075-75RB#0-PASS



Band19-15MHz-16QAM-24075-1RB#0-PASS

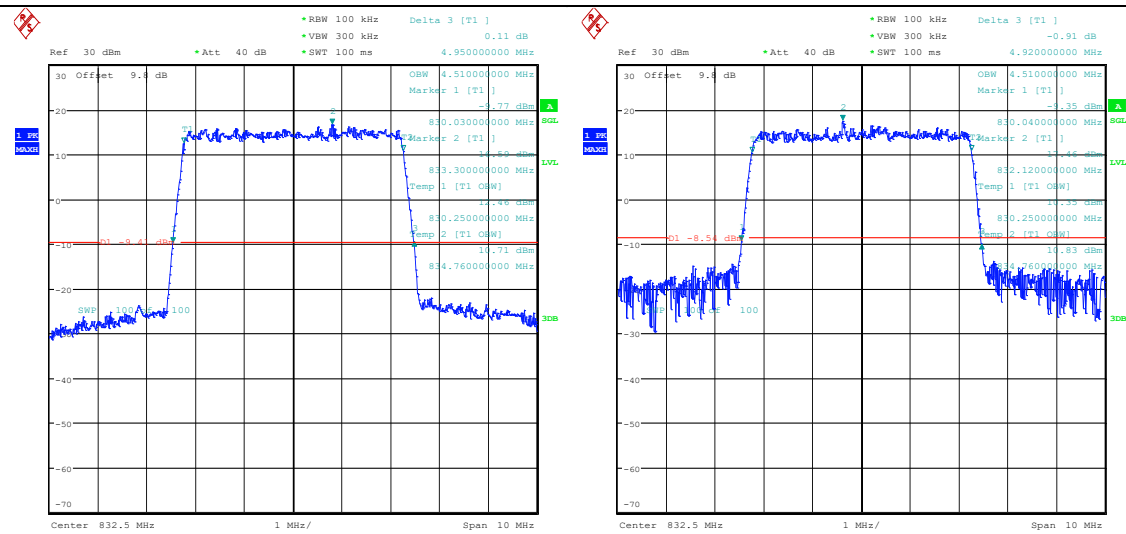
Band19-15MHz-16QAM-24075-75RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	4.51	4.95	PASS
Band19	5MHz	16QAM	24025	25RB#0	4.51	4.92	PASS
Band19	5MHz	QPSK	24075	25RB#0	4.51	4.92	PASS
Band19	5MHz	16QAM	24075	25RB#0	4.51	4.95	PASS
Band19	5MHz	QPSK	24125	25RB#0	4.5	4.93	PASS
Band19	5MHz	16QAM	24125	25RB#0	4.52	4.96	PASS
Band19	10MHz	QPSK	24050	50RB#0	9	9.87	PASS
Band19	10MHz	16QAM	24050	50RB#0	9	9.83	PASS
Band19	10MHz	QPSK	24075	50RB#0	9.033	9.87	PASS
Band19	10MHz	16QAM	24075	50RB#0	9.033	9.83	PASS
Band19	10MHz	QPSK	24100	50RB#0	8.967	9.83	PASS
Band19	10MHz	16QAM	24100	50RB#0	9	9.90	PASS
Band19	15MHz	QPSK	24075	75RB#0	13.5	14.85	PASS
Band19	15MHz	16QAM	24075	75RB#0	13.5	14.80	PASS

Test Graphs

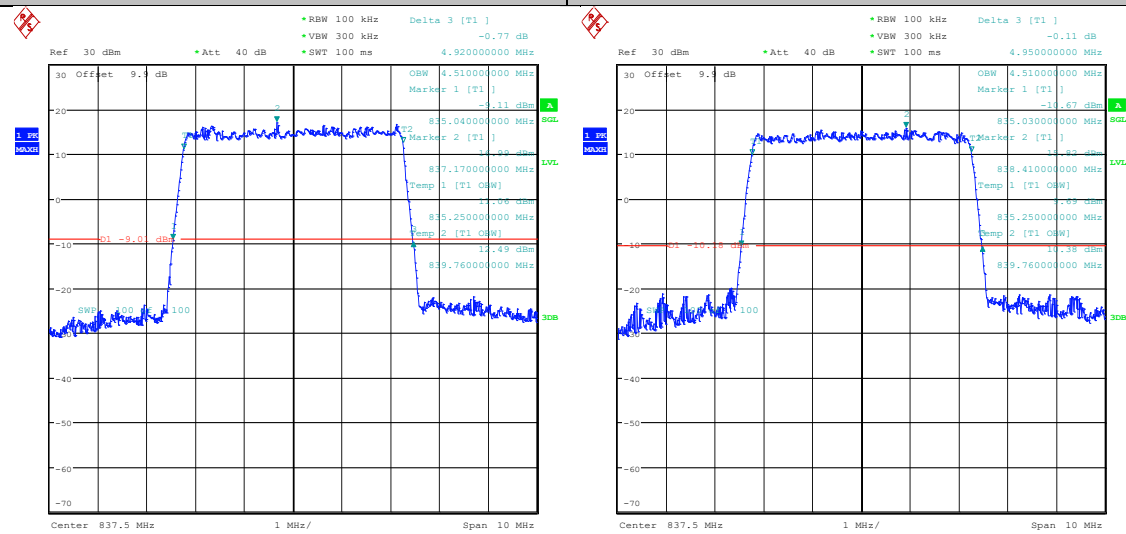


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Date: 2.APR.2025 23:53:46

Band19-5MHz-QPSK-24025-25RB#0-PASS

Band19-5MHz-16QAM-24025-25RB#0-PASS

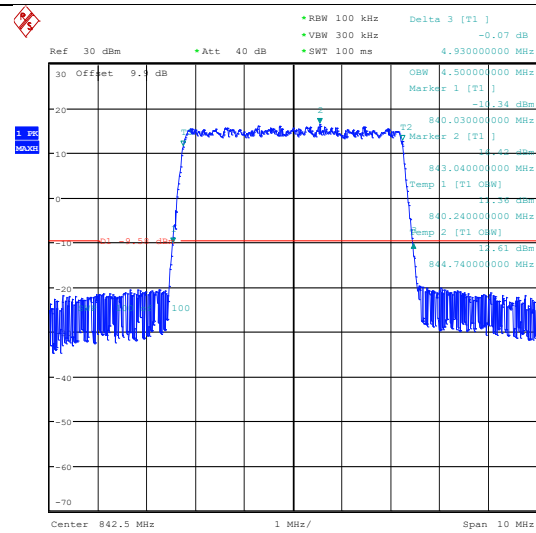


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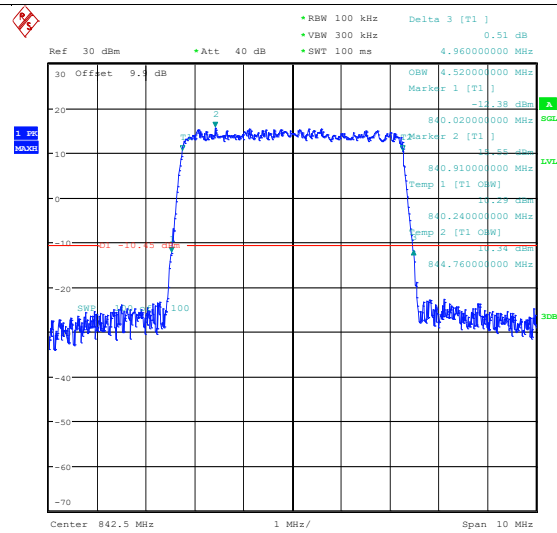
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Band19-5MHz-QPSK-24075-25RB#0-PASS

Band19-5MHz-16QAM-24075-25RB#0-PASS

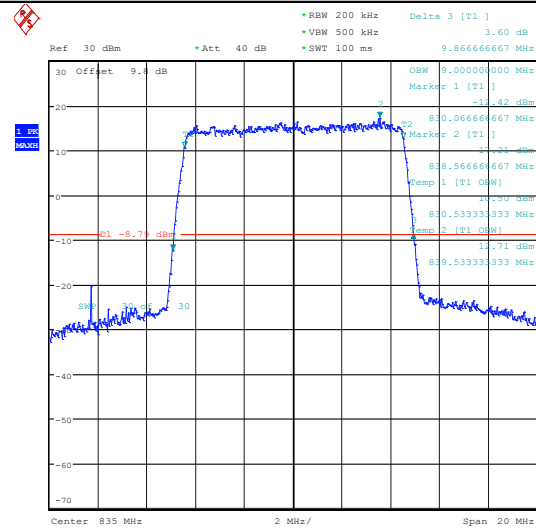


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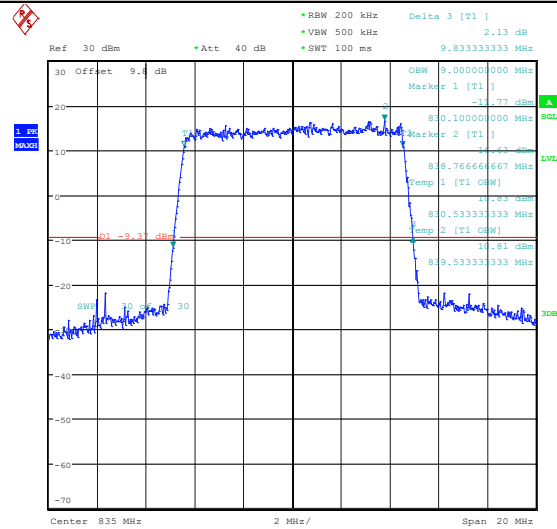
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Band19-5MHz-QPSK-24125-25RB#0-PASS



Date: 3.APR.2025 00:29:53

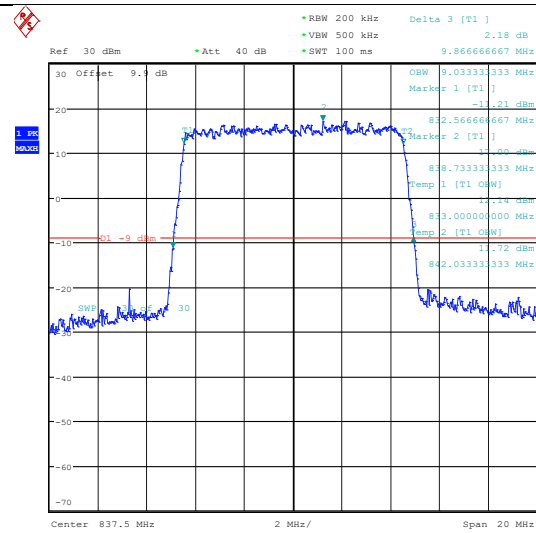
Band19-5MHz-16QAM-24125-25RB#0-PASS



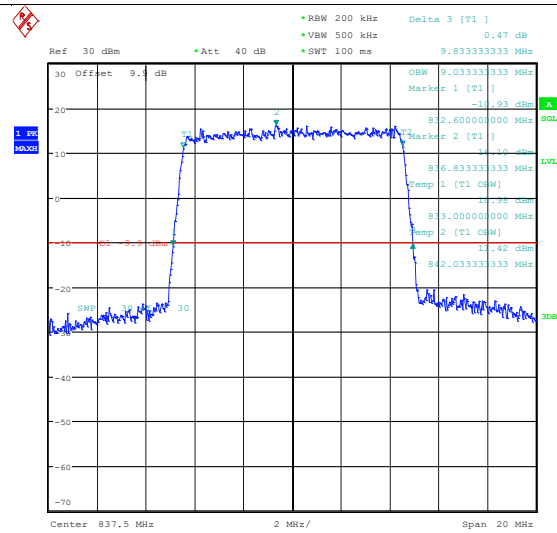
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Band19-10MHz-QPSK-24050-50RB#0-PASS

Band19-10MHz-16QAM-24050-50RB#0-PASS

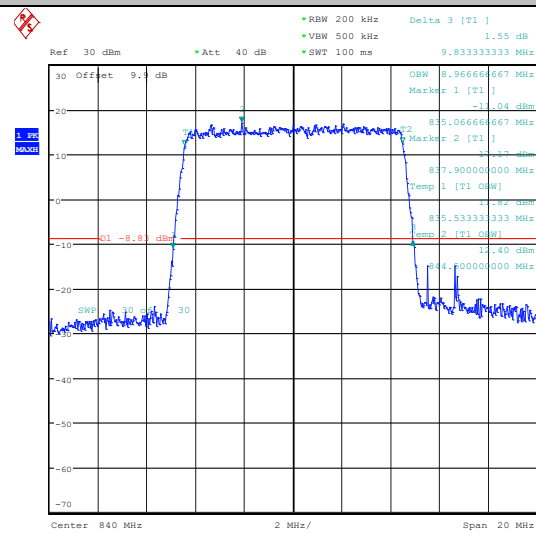


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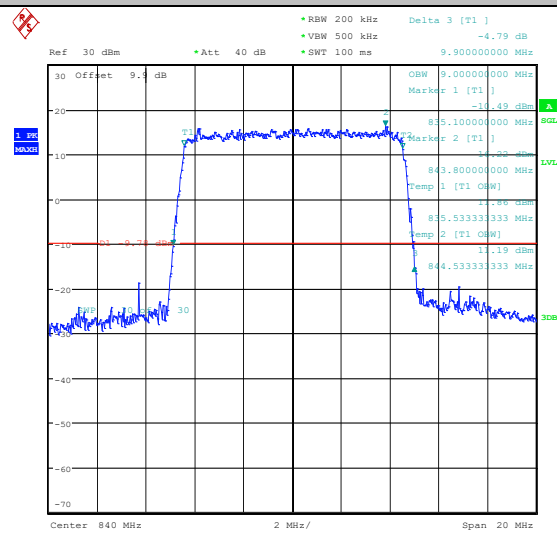
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Band19-10MHz-QPSK-24075-50RB#0-PASS



Date: 3.APR.2025 00:30:57

Band19-10MHz-16QAM-24075-50RB#0-PASS



Date: 3.APR.2025 00:31:10

Band19-10MHz-QPSK-24100-50RB#0-PASS

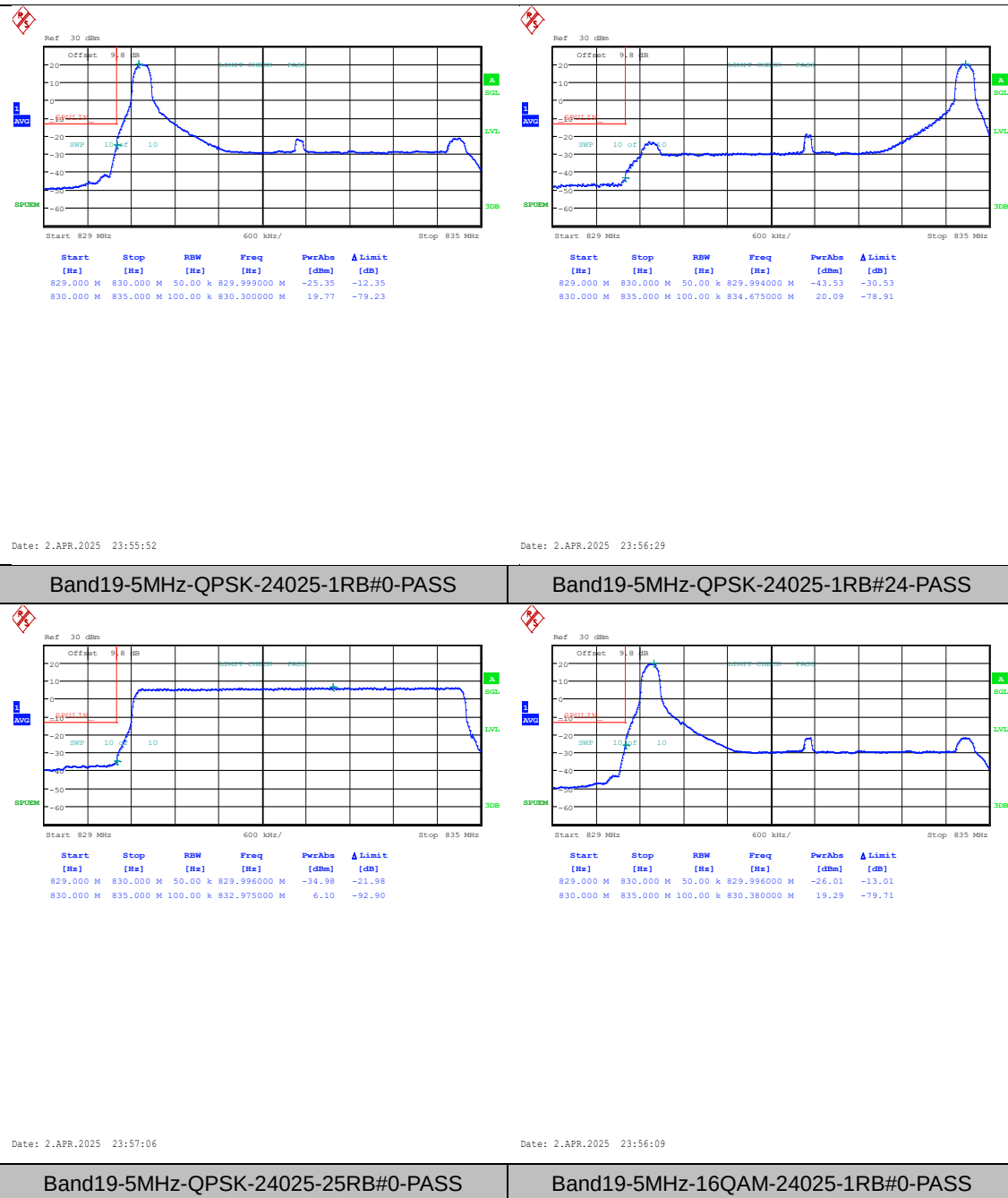
Band19-10MHz-16QAM-24100-50RB#0-PASS

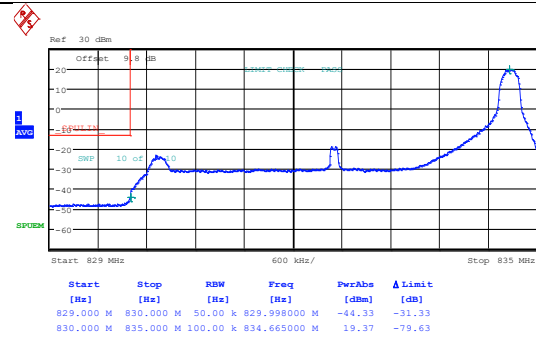
Appendix D: Band Edge

Test Result

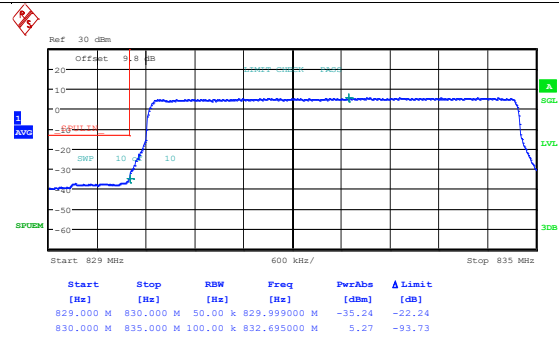
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	-25.35	PASS
Band19	5MHz	QPSK	24025	1RB#24	-43.53	PASS
Band19	5MHz	QPSK	24025	25RB#0	-34.98	PASS
Band19	5MHz	16QAM	24025	1RB#0	-26.01	PASS
Band19	5MHz	16QAM	24025	1RB#24	-44.33	PASS
Band19	5MHz	16QAM	24025	25RB#0	-35.24	PASS
Band19	5MHz	QPSK	24125	1RB#0	-43.43	PASS
Band19	5MHz	QPSK	24125	1RB#24	-24.64	PASS
Band19	5MHz	QPSK	24125	25RB#0	-36.63	PASS
Band19	5MHz	16QAM	24125	1RB#0	-43.25	PASS
Band19	5MHz	16QAM	24125	1RB#24	-25.92	PASS
Band19	5MHz	16QAM	24125	25RB#0	-36.72	PASS
Band19	10MHz	QPSK	24050	1RB#0	-28.55	PASS
Band19	10MHz	QPSK	24050	1RB#49	-43.76	PASS
Band19	10MHz	QPSK	24050	50RB#0	-36.54	PASS
Band19	10MHz	16QAM	24050	1RB#0	-28.83	PASS
Band19	10MHz	16QAM	24050	1RB#49	-44.66	PASS
Band19	10MHz	16QAM	24050	50RB#0	-37.61	PASS
Band19	10MHz	QPSK	24100	1RB#0	-43.28	PASS
Band19	10MHz	QPSK	24100	1RB#49	-27.67	PASS
Band19	10MHz	QPSK	24100	50RB#0	-35.83	PASS
Band19	10MHz	16QAM	24100	1RB#0	-43.11	PASS
Band19	10MHz	16QAM	24100	1RB#49	-27.97	PASS
Band19	10MHz	16QAM	24100	50RB#0	-36.89	PASS
Band19	15MHz	QPSK	24075	1RB#0	-37.48	PASS
Band19	15MHz	QPSK	24075	1RB#74	-29.04	PASS
Band19	15MHz	QPSK	24075	75RB#0	-35.38	PASS
Band19	15MHz	16QAM	24075	1RB#0	-38.64	PASS
Band19	15MHz	16QAM	24075	1RB#74	-29.78	PASS
Band19	15MHz	16QAM	24075	75RB#0	-36.60	PASS

Test Graphs





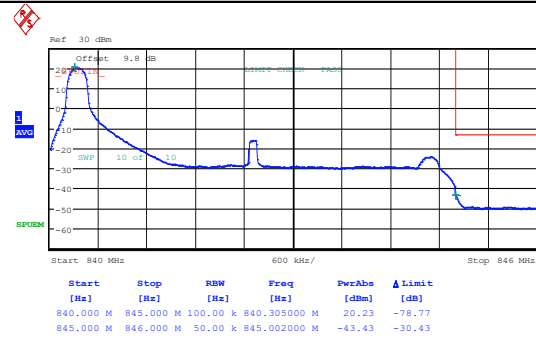
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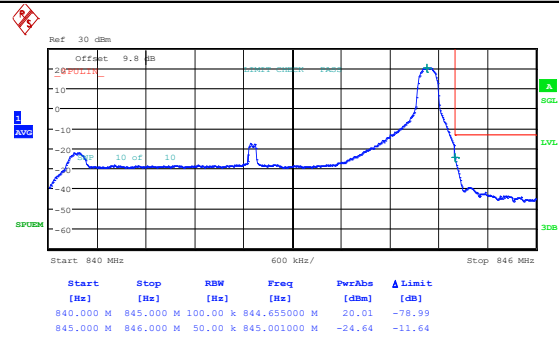
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Band19-5MHz-16QAM-24025-1RB#24-PASS

Band19-5MHz-16QAM-24025-25RB#0-PASS



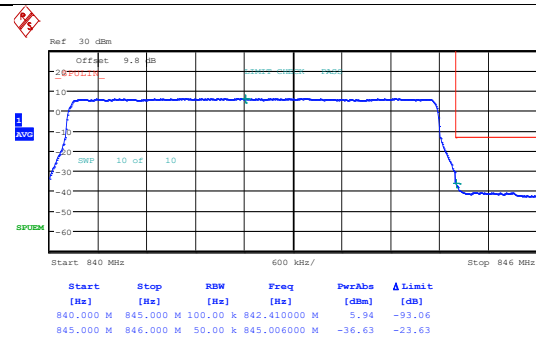
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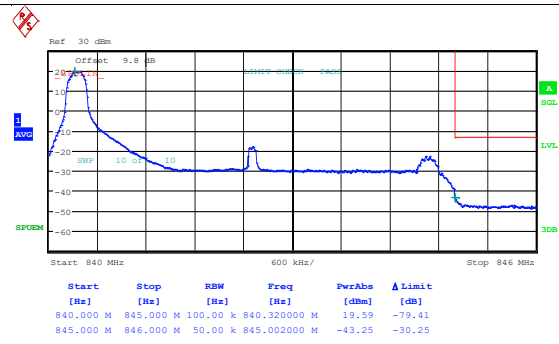
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Band19-5MHz-QPSK-24125-1RB#0-PASS

Band19-5MHz-QPSK-24125-1RB#24-PASS



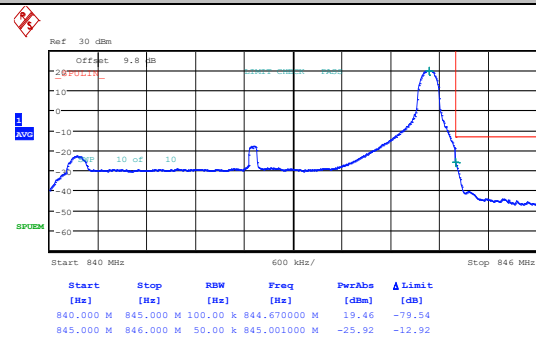
Date: 2.APR.2025 23:58:57



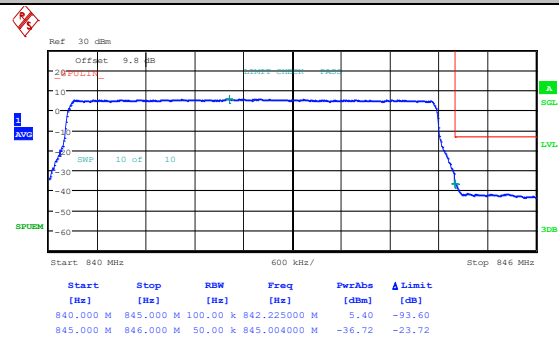
Date: 2.APR.2025 23:58:01

Band19-5MHz-QPSK-24125-25RB#0-PASS

Band19-5MHz-16QAM-24125-1RB#0-PASS



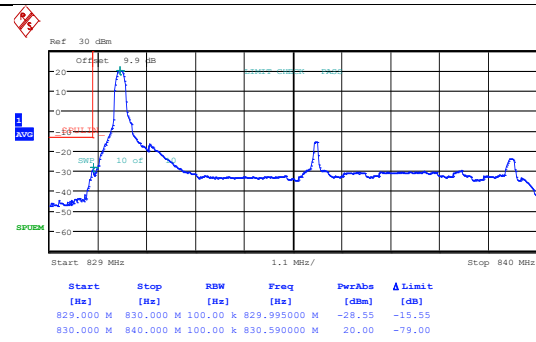
Date: 2.APR.2025 23:58:37



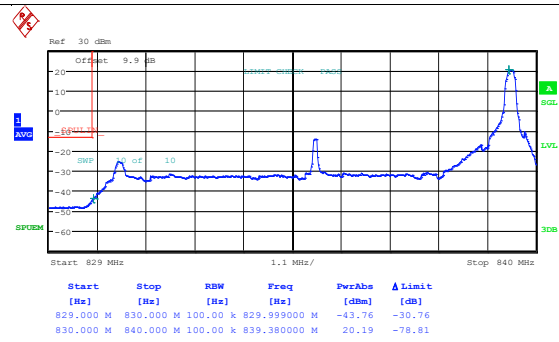
Date: 2.APR.2025 23:59:14

Band19-5MHz-16QAM-24125-1RB#24-PASS

Band19-5MHz-16QAM-24125-25RB#0-PASS



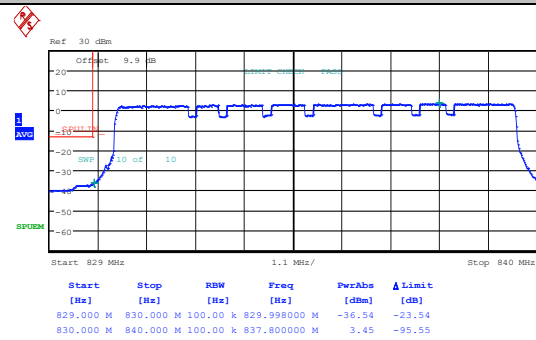
Date: 3.APR.2025 00:31:37



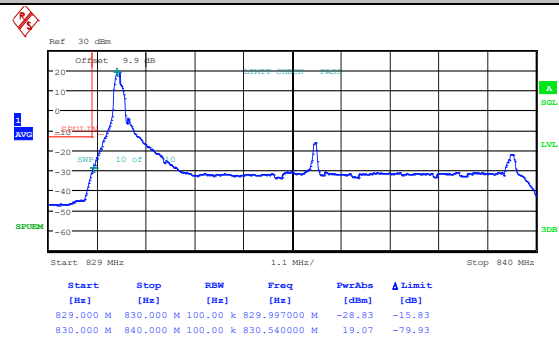
Date: 3.APR.2025 00:32:14

Band19-10MHz-QPSK-24050-1RB#0-PASS

Band19-10MHz-QPSK-24050-1RB#49-PASS



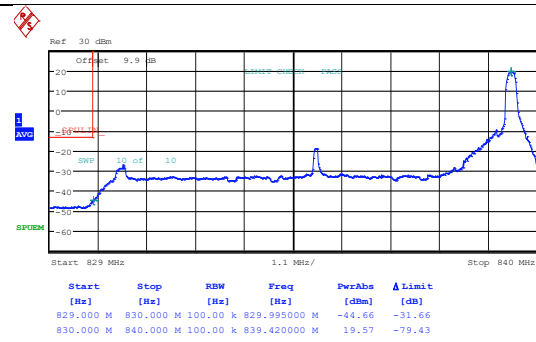
Date: 3.APR.2025 00:32:52



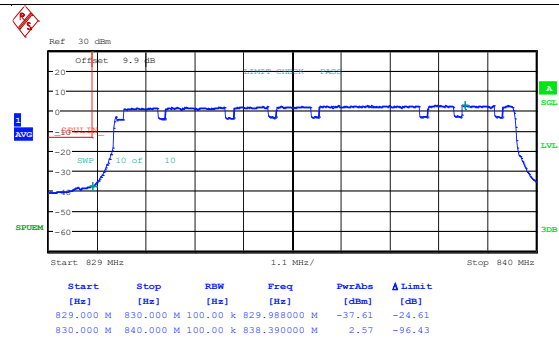
Date: 3.APR.2025 00:31:55

Band19-10MHz-QPSK-24050-50RB#0-PASS

Band19-10MHz-16QAM-24050-1RB#0-PASS



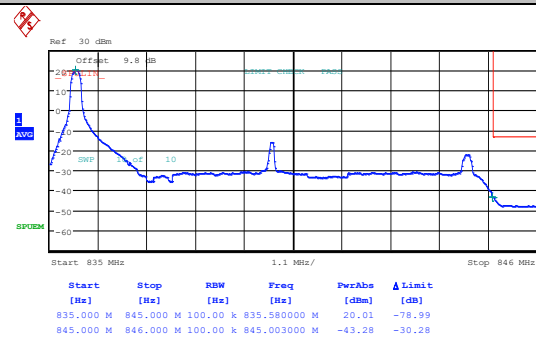
Date: 3.APR.2025 00:32:32



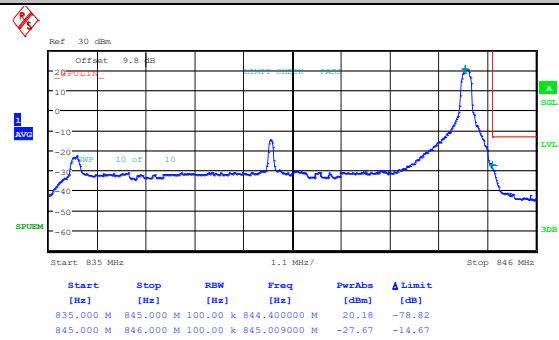
Date: 3.APR.2025 00:33:09

Band19-10MHz-16QAM-24050-1RB#49-PASS

Band19-10MHz-16QAM-24050-50RB#0-PASS



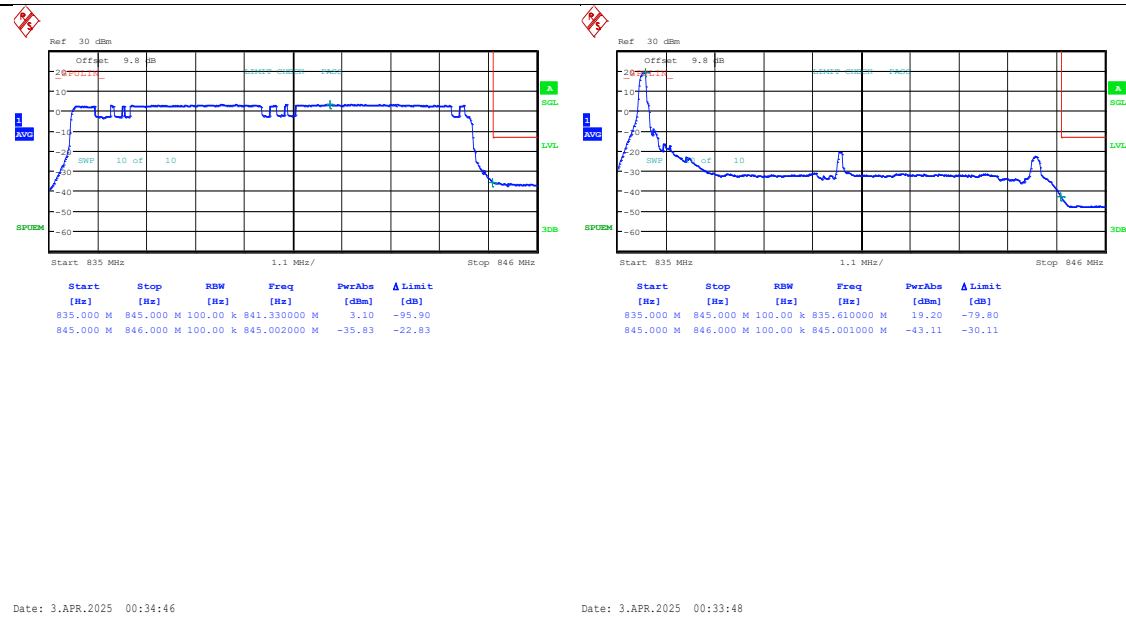
Date: 3.APR.2025 00:33:31



Date: 3.APR.2025 00:34:08

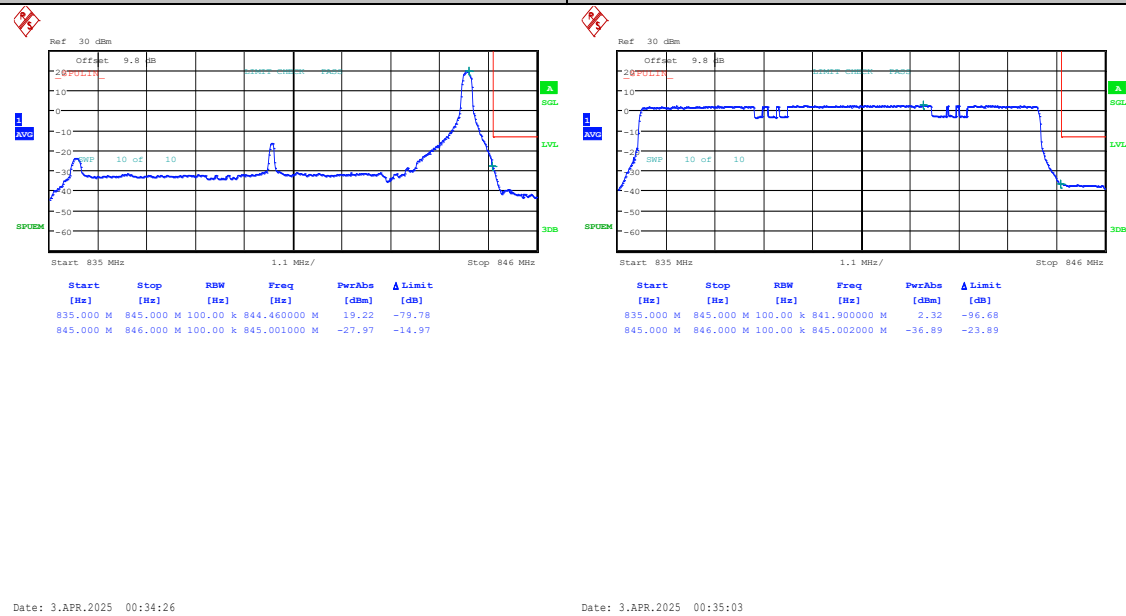
Band19-10MHz-QPSK-24100-1RB#0-PASS

Band19-10MHz-QPSK-24100-1RB#49-PASS



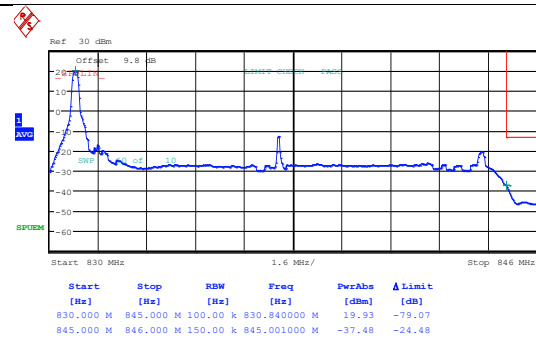
Band19-10MHz-QPSK-24100-50RB#0-PASS

Band19-10MHz-16QAM-24100-1RB#0-PASS

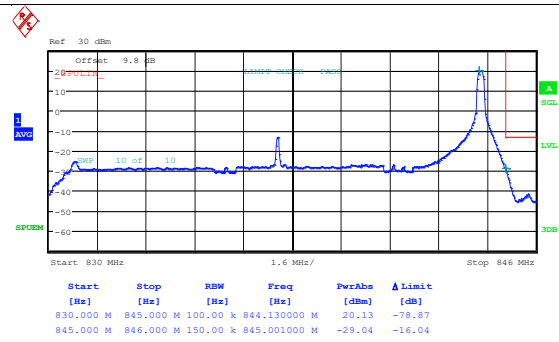


Band19-10MHz-16QAM-24100-1RB#49-PASS

Band19-10MHz-16QAM-24100-50RB#0-PASS



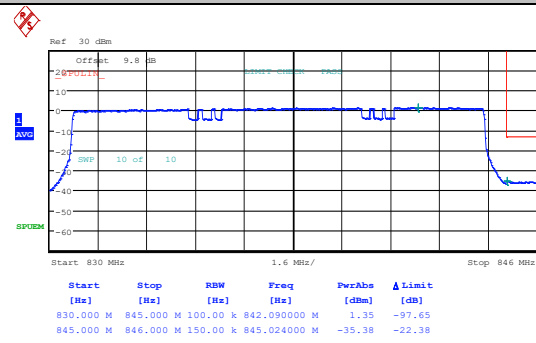
Date: 3.APR.2025 01:01:58



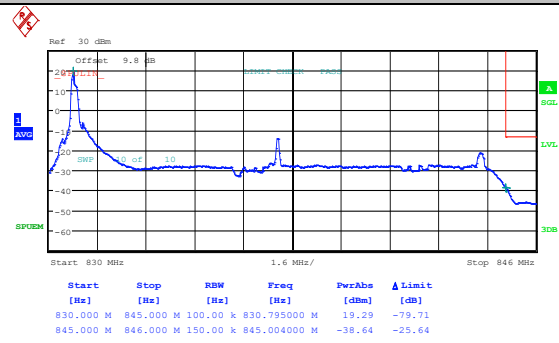
Date: 3.APR.2025 01:02:38

Band19-15MHz-QPSK-24075-1RB#0-PASS

Band19-15MHz-QPSK-24075-1RB#74-PASS



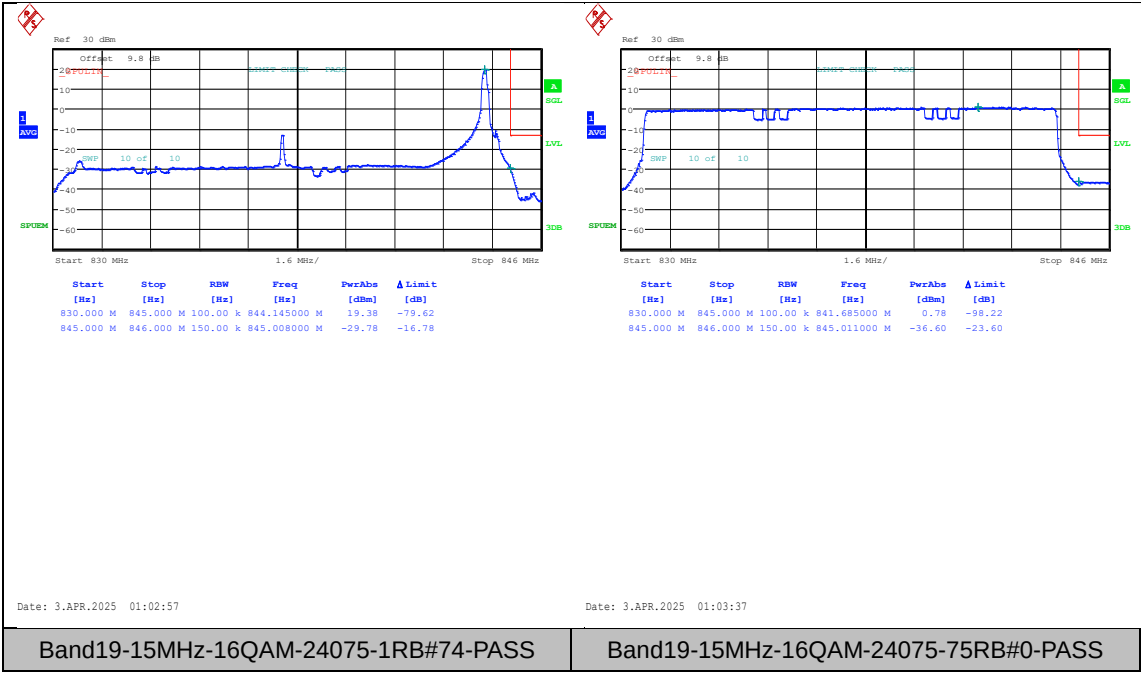
Date: 3.APR.2025 01:03:18



Date: 3.APR.2025 01:02:17

Band19-15MHz-QPSK-24075-75RB#0-PASS

Band19-15MHz-16QAM-24075-1RB#0-PASS



Band19-15MHz-16QAM-24075-1RB#74-PASS

Band19-15MHz-16QAM-24075-75RB#0-PASS

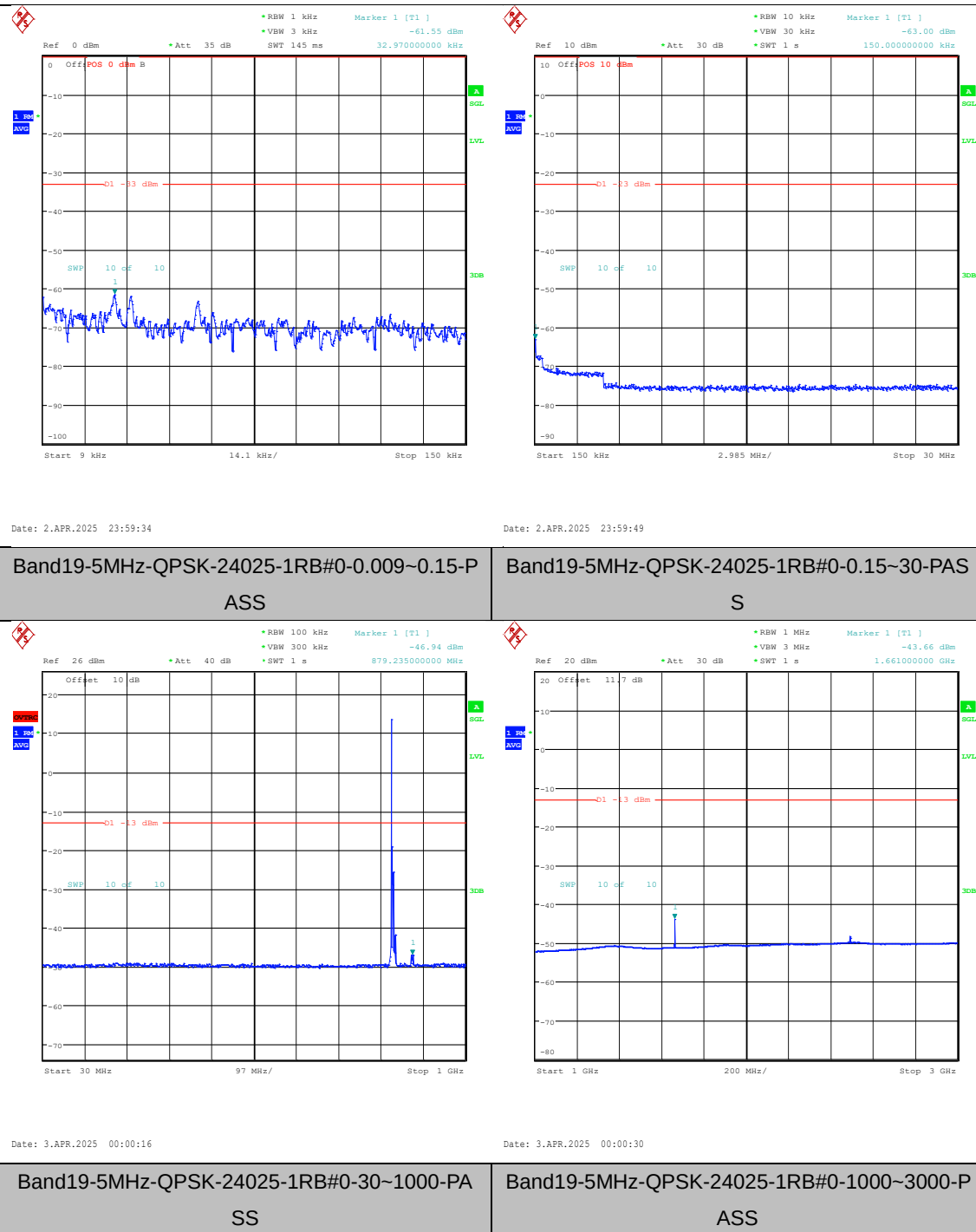
Appendix E: Conducted Spurious Emission

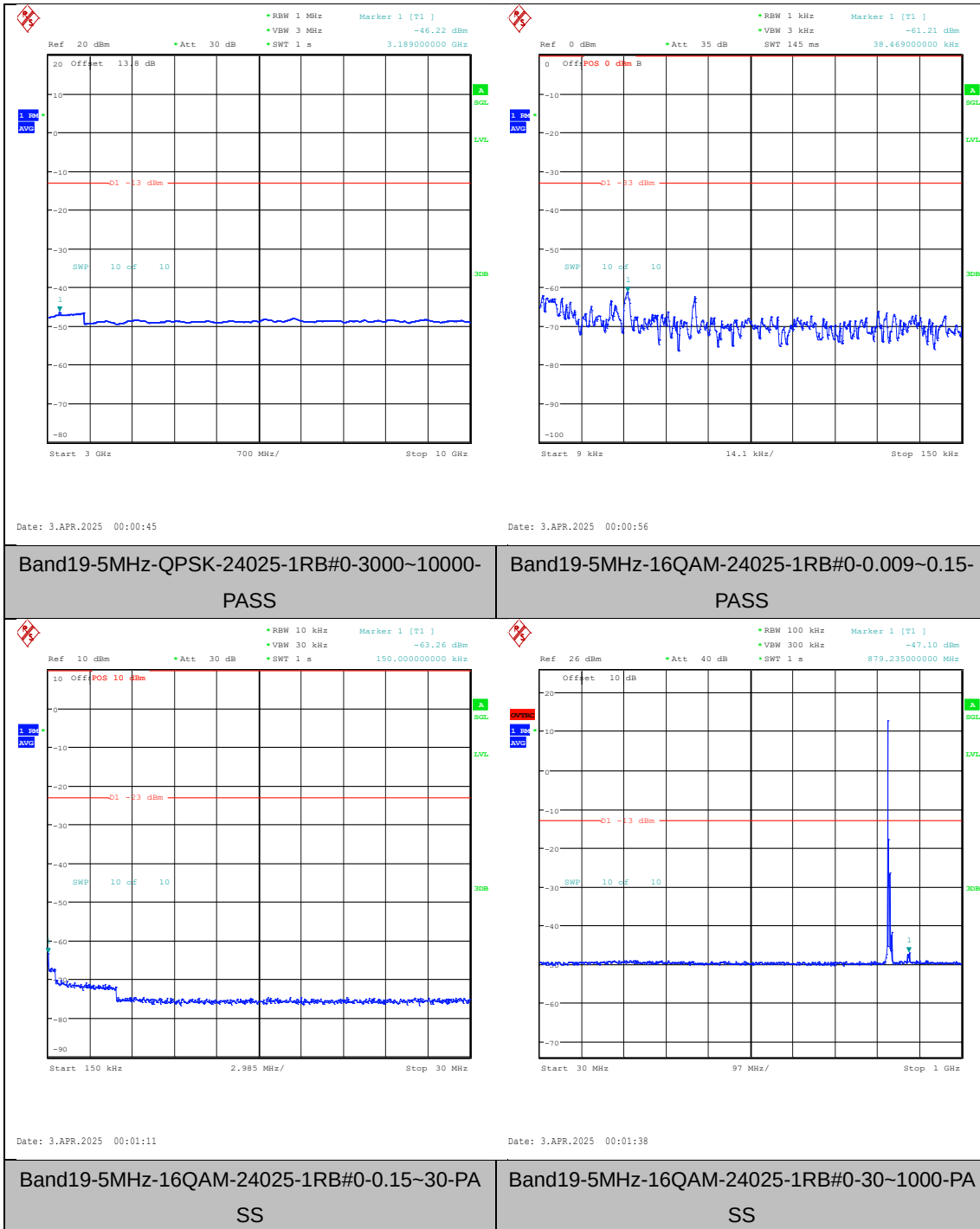
Test Result

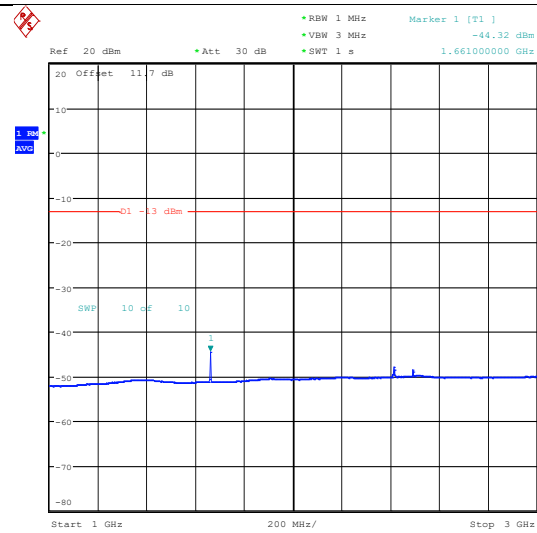
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	0.009~0.15	-61.55	PASS
Band19	5MHz	QPSK	24025	1RB#0	0.15~30	-63.00	PASS
Band19	5MHz	QPSK	24025	1RB#0	30~1000	-46.94	PASS
Band19	5MHz	QPSK	24025	1RB#0	1000~3000	-43.66	PASS
Band19	5MHz	QPSK	24025	1RB#0	3000~10000	-46.22	PASS
Band19	5MHz	16QAM	24025	1RB#0	0.009~0.15	-61.21	PASS
Band19	5MHz	16QAM	24025	1RB#0	0.15~30	-63.26	PASS
Band19	5MHz	16QAM	24025	1RB#0	30~1000	-47.10	PASS
Band19	5MHz	16QAM	24025	1RB#0	1000~3000	-44.32	PASS
Band19	5MHz	16QAM	24025	1RB#0	3000~10000	-46.30	PASS
Band19	5MHz	QPSK	24075	1RB#0	0.009~0.15	-57.63	PASS
Band19	5MHz	QPSK	24075	1RB#0	0.15~30	-62.71	PASS
Band19	5MHz	QPSK	24075	1RB#0	30~1000	-46.36	PASS
Band19	5MHz	QPSK	24075	1RB#0	1000~3000	-42.91	PASS
Band19	5MHz	QPSK	24075	1RB#0	3000~10000	-46.17	PASS
Band19	5MHz	16QAM	24075	1RB#0	0.009~0.15	-58.53	PASS
Band19	5MHz	16QAM	24075	1RB#0	0.15~30	-63.17	PASS
Band19	5MHz	16QAM	24075	1RB#0	30~1000	-46.29	PASS
Band19	5MHz	16QAM	24075	1RB#0	1000~3000	-43.95	PASS
Band19	5MHz	16QAM	24075	1RB#0	3000~10000	-46.23	PASS
Band19	5MHz	QPSK	24125	1RB#0	0.009~0.15	-59.60	PASS
Band19	5MHz	QPSK	24125	1RB#0	0.15~30	-63.39	PASS
Band19	5MHz	QPSK	24125	1RB#0	30~1000	-47.70	PASS
Band19	5MHz	QPSK	24125	1RB#0	1000~3000	-44.13	PASS
Band19	5MHz	QPSK	24125	1RB#0	3000~10000	-46.12	PASS
Band19	5MHz	16QAM	24125	1RB#0	0.009~0.15	-57.26	PASS
Band19	5MHz	16QAM	24125	1RB#0	0.15~30	-63.18	PASS
Band19	5MHz	16QAM	24125	1RB#0	30~1000	-47.87	PASS
Band19	5MHz	16QAM	24125	1RB#0	1000~3000	-44.69	PASS
Band19	5MHz	16QAM	24125	1RB#0	3000~10000	-46.34	PASS
Band19	10MHz	QPSK	24050	1RB#0	0.009~0.15	-58.87	PASS
Band19	10MHz	QPSK	24050	1RB#0	0.15~30	-63.25	PASS
Band19	10MHz	QPSK	24050	1RB#0	30~1000	-48.95	PASS
Band19	10MHz	QPSK	24050	1RB#0	1000~3000	-41.89	PASS
Band19	10MHz	QPSK	24050	1RB#0	3000~10000	-46.15	PASS
Band19	10MHz	16QAM	24050	1RB#0	0.009~0.15	-58.00	PASS

Band19	10MHz	16QAM	24050	1RB#0	0.15~30	-63.23	PASS
Band19	10MHz	16QAM	24050	1RB#0	30~1000	-49.04	PASS
Band19	10MHz	16QAM	24050	1RB#0	1000~3000	-42.90	PASS
Band19	10MHz	16QAM	24050	1RB#0	3000~10000	-46.34	PASS
Band19	10MHz	QPSK	24075	1RB#0	0.009~0.15	-58.62	PASS
Band19	10MHz	QPSK	24075	1RB#0	0.15~30	-63.24	PASS
Band19	10MHz	QPSK	24075	1RB#0	30~1000	-49.01	PASS
Band19	10MHz	QPSK	24075	1RB#0	1000~3000	-41.46	PASS
Band19	10MHz	QPSK	24075	1RB#0	3000~10000	-46.23	PASS
Band19	10MHz	16QAM	24075	1RB#0	0.009~0.15	-58.30	PASS
Band19	10MHz	16QAM	24075	1RB#0	0.15~30	-63.48	PASS
Band19	10MHz	16QAM	24075	1RB#0	30~1000	-48.95	PASS
Band19	10MHz	16QAM	24075	1RB#0	1000~3000	-42.42	PASS
Band19	10MHz	16QAM	24075	1RB#0	3000~10000	-46.31	PASS
Band19	10MHz	QPSK	24100	1RB#0	0.009~0.15	-57.62	PASS
Band19	10MHz	QPSK	24100	1RB#0	0.15~30	-63.46	PASS
Band19	10MHz	QPSK	24100	1RB#0	30~1000	-48.99	PASS
Band19	10MHz	QPSK	24100	1RB#0	1000~3000	-41.53	PASS
Band19	10MHz	QPSK	24100	1RB#0	3000~10000	-46.24	PASS
Band19	10MHz	16QAM	24100	1RB#0	0.009~0.15	-60.79	PASS
Band19	10MHz	16QAM	24100	1RB#0	0.15~30	-63.24	PASS
Band19	10MHz	16QAM	24100	1RB#0	30~1000	-48.97	PASS
Band19	10MHz	16QAM	24100	1RB#0	1000~3000	-42.50	PASS
Band19	10MHz	16QAM	24100	1RB#0	3000~10000	-46.40	PASS
Band19	15MHz	QPSK	24075	1RB#0	0.009~0.15	-58.75	PASS
Band19	15MHz	QPSK	24075	1RB#0	0.15~30	-63.39	PASS
Band19	15MHz	QPSK	24075	1RB#0	30~1000	-48.99	PASS
Band19	15MHz	QPSK	24075	1RB#0	1000~3000	-43.42	PASS
Band19	15MHz	QPSK	24075	1RB#0	3000~10000	-46.48	PASS
Band19	15MHz	16QAM	24075	1RB#0	0.009~0.15	-57.88	PASS
Band19	15MHz	16QAM	24075	1RB#0	0.15~30	-63.38	PASS
Band19	15MHz	16QAM	24075	1RB#0	30~1000	-48.98	PASS
Band19	15MHz	16QAM	24075	1RB#0	1000~3000	-43.84	PASS
Band19	15MHz	16QAM	24075	1RB#0	3000~10000	-46.35	PASS

Test Graphs



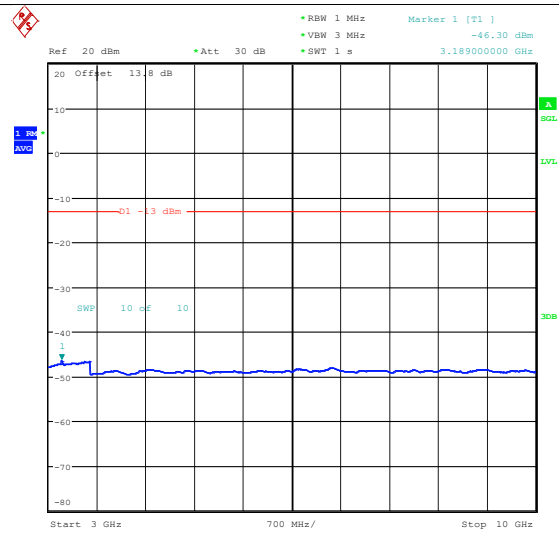




Date: 3.APR.2025 00:01:52

Band19-5MHz-16QAM-24025-1RB#0-1000~3000-

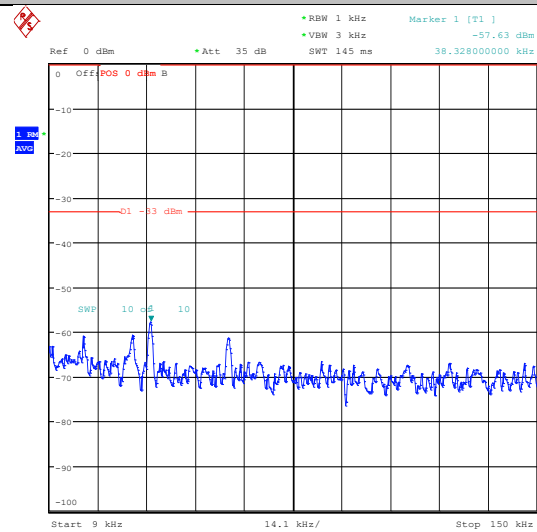
PASS



Date: 3.APR.2025 00:02:07

Band19-5MHz-16QAM-24025-1RB#0-3000~1000

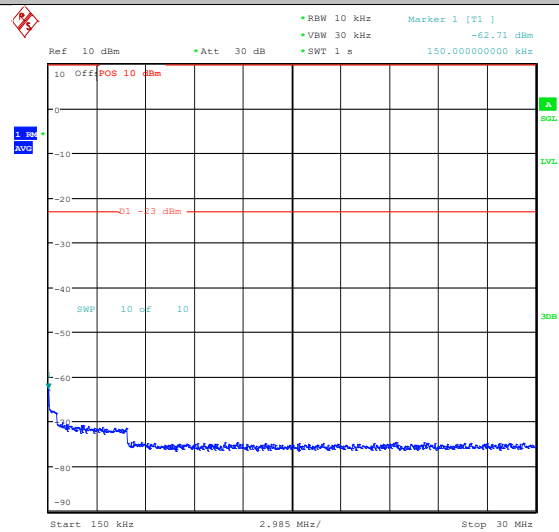
0-PASS



Date: 3.APR.2025 00:02:23

Band19-5MHz-QPSK-24075-1RB#0-0.009~0.15-P

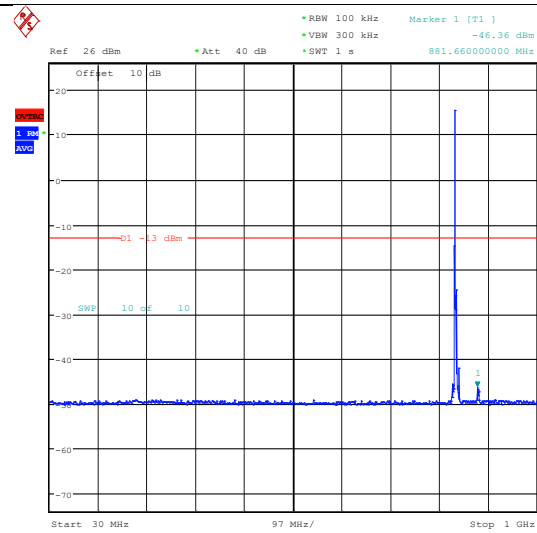
ASS



Date: 3.APR.2025 00:02:38

Band19-5MHz-QPSK-24075-1RB#0-0.15~30-PAS

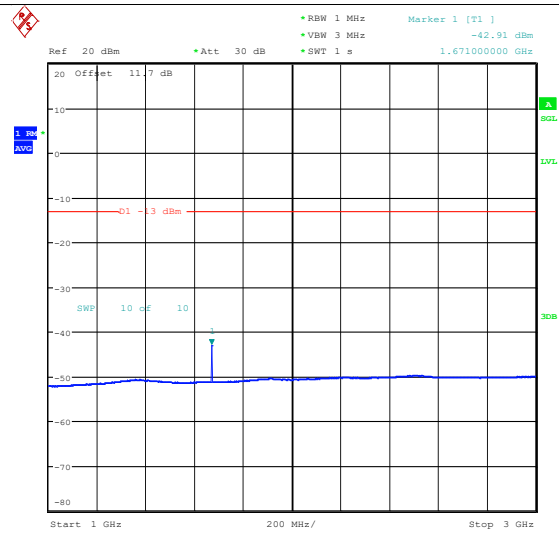
S



Date: 3.APR.2025 00:03:05

Band19-5MHz-QPSK-24075-1RB#0-30~1000-PA

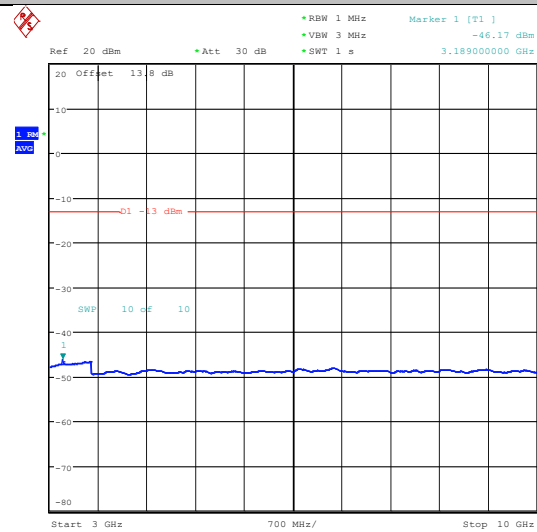
SS



Date: 3.APR.2025 00:03:19

Band19-5MHz-QPSK-24075-1RB#0-1000~3000-P

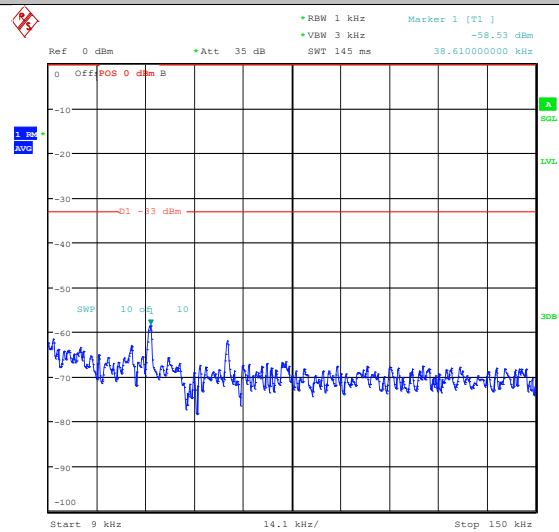
ASS



Date: 3.APR.2025 00:03:34

Band19-5MHz-QPSK-24075-1RB#0-3000~10000-

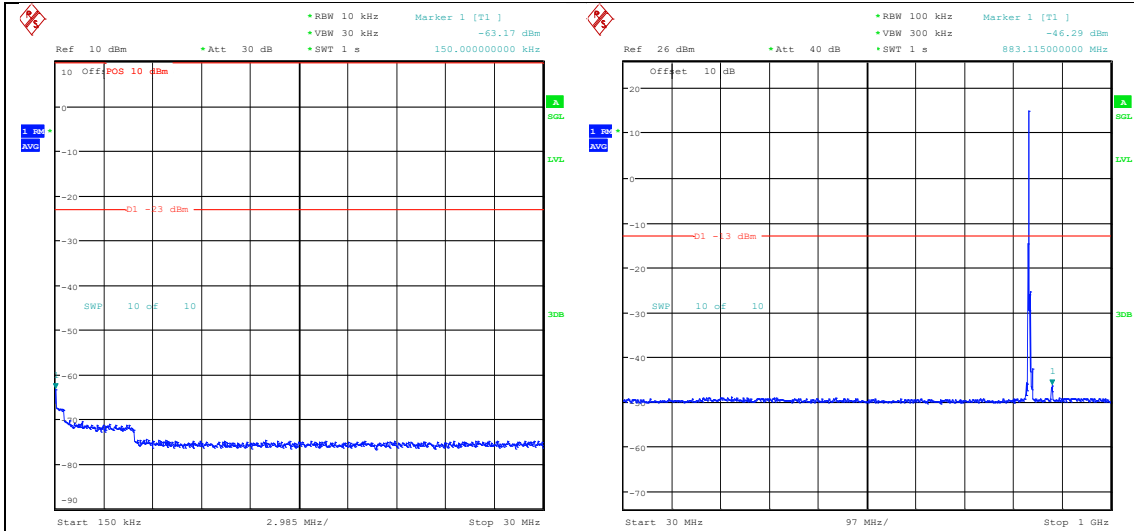
PASS



Date: 3.APR.2025 00:03:46

Band19-5MHz-16QAM-24075-1RB#0-0.009~0.15-

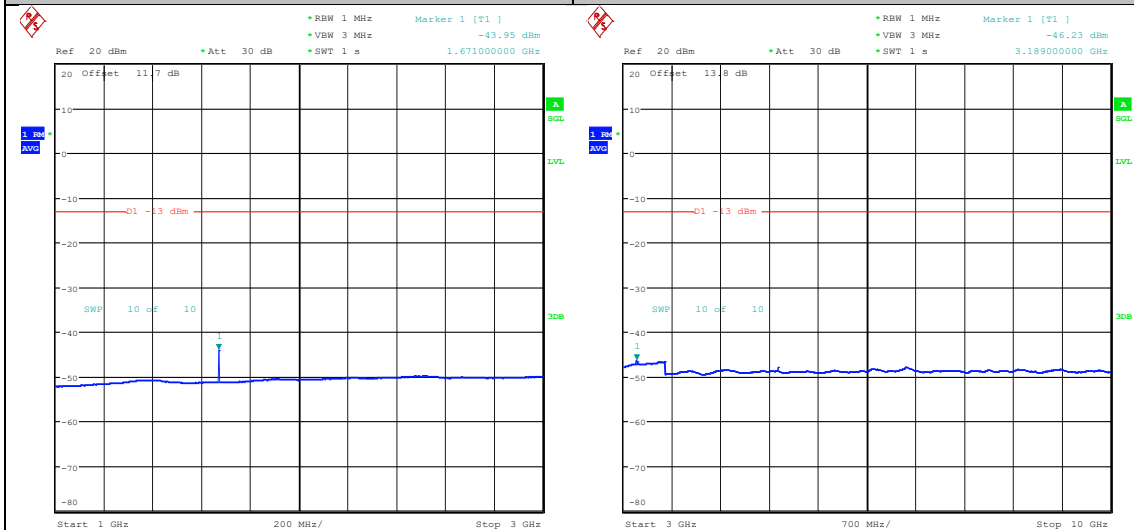
PASS



Date: 3.APR.2025 00:04:01

Date: 3.APR.2025 00:04:28

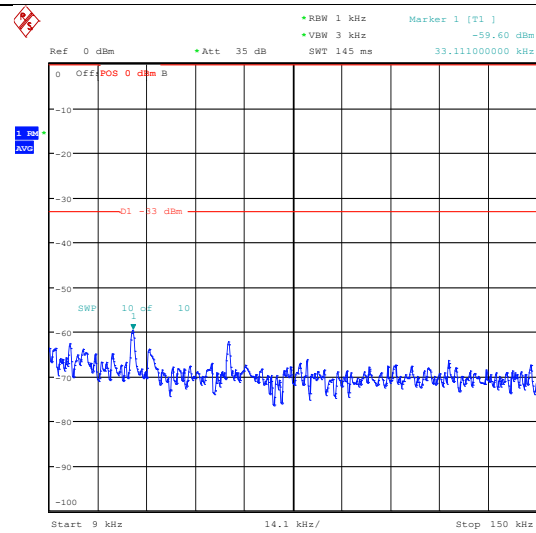
Band19-5MHz-16QAM-24075-1RB#0-0.15~30-PA SS	Band19-5MHz-16QAM-24075-1RB#0-30~1000-PA SS
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Date: 3.APR.2025 00:04:42

Date: 3.APR.2025 00:04:57

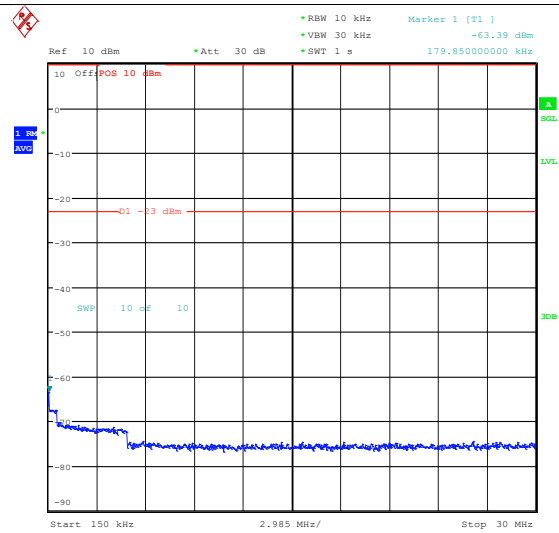
Band19-5MHz-16QAM-24075-1RB#0-1000~3000- PASS	Band19-5MHz-16QAM-24075-1RB#0-3000~1000 0-PASS
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Date: 3.APR.2025 00:05:12

Band19-5MHz-QPSK-24125-1RB#0-0.009~0.15-P

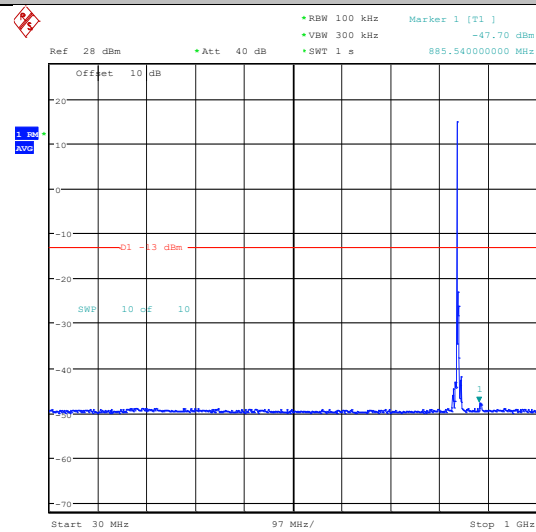
ASS



Date: 3.APR.2025 00:05:28

Band19-5MHz-QPSK-24125-1RB#0-0.15~30-PAS

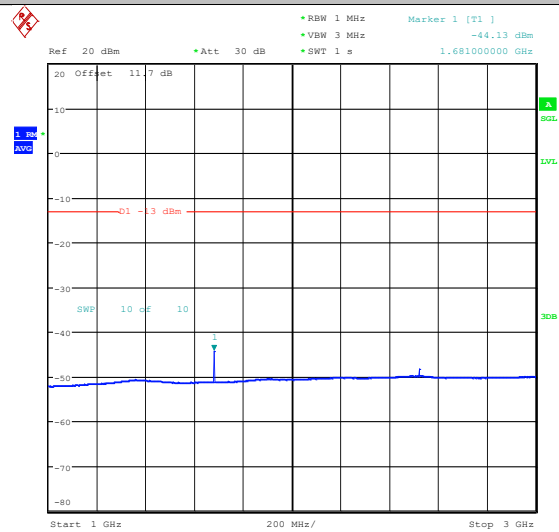
S



Date: 3.APR.2025 00:05:56

Band19-5MHz-QPSK-24125-1RB#0-30~1000-PA

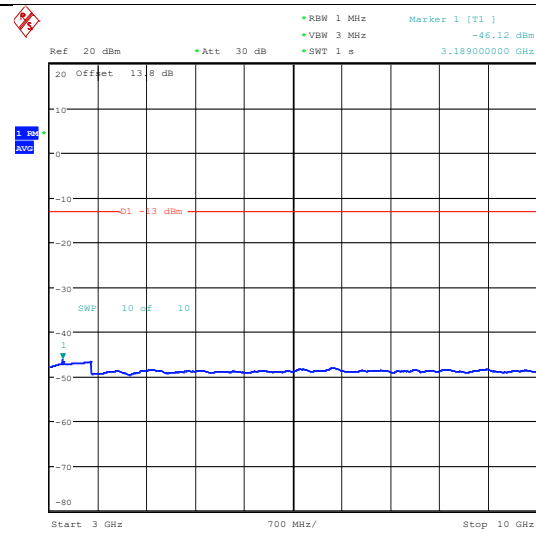
SS



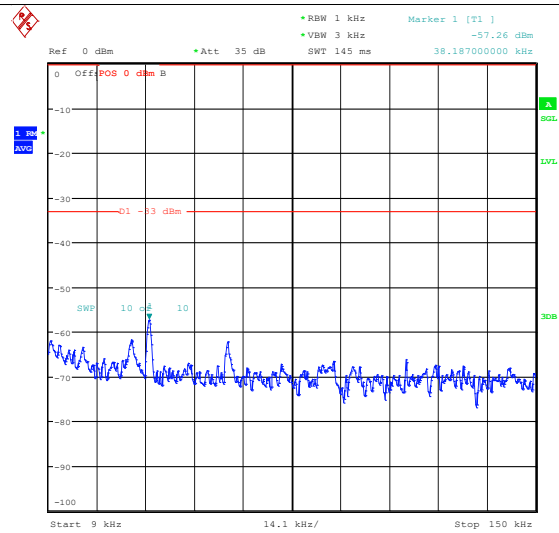
Date: 3.APR.2025 00:06:10

Band19-5MHz-QPSK-24125-1RB#0-1000~3000-P

ASS



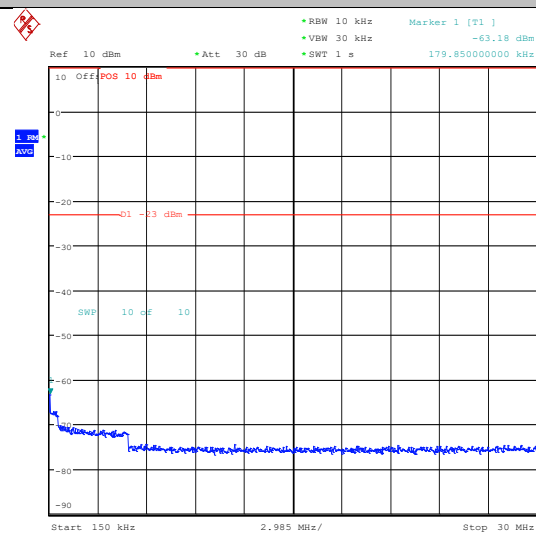
Date: 3.APR.2025 00:06:25



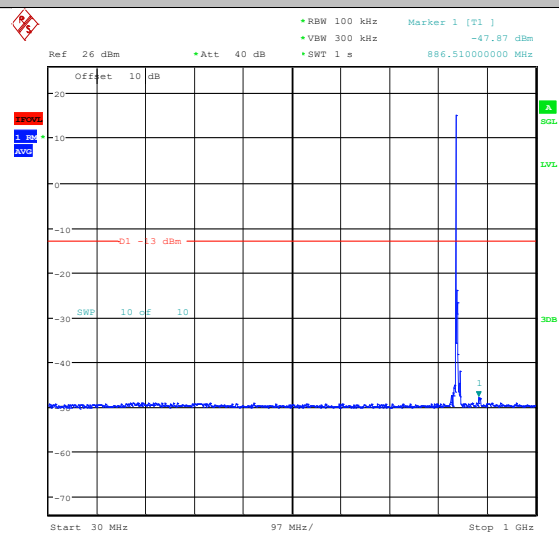
Date: 3.APR.2025 00:06:36

Band19-5MHz-QPSK-24125-1RB#0-3000~10000-
PASS

Band19-5MHz-16QAM-24125-1RB#0-0.009~0.15-
PASS



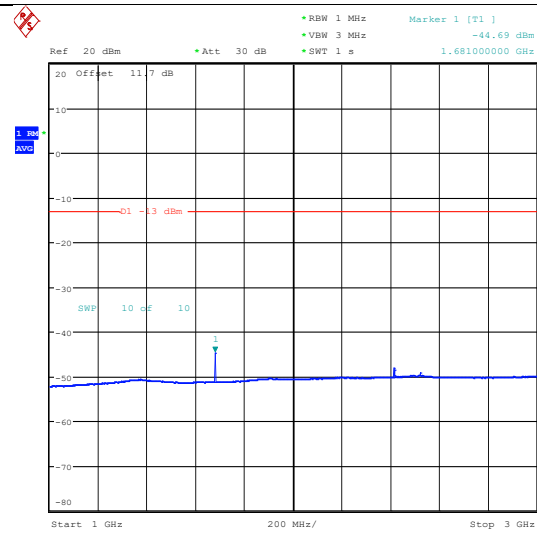
Date: 3.APR.2025 00:06:52



Date: 3.APR.2025 00:07:19

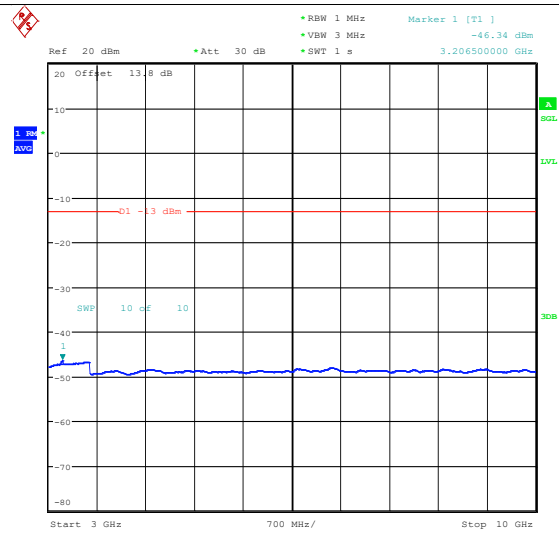
Band19-5MHz-16QAM-24125-1RB#0-0.15~30-PA-
SS

Band19-5MHz-16QAM-24125-1RB#0-30~1000-PA-
SS



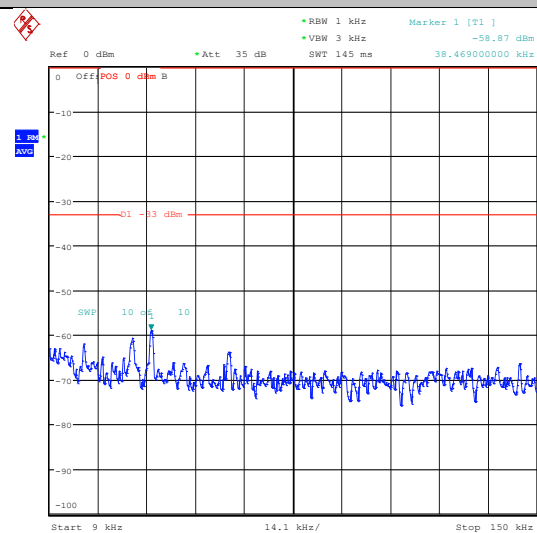
Date: 3.APR.2025 00:07:34

Band19-5MHz-16QAM-24125-1RB#0-1000~3000-
PASS



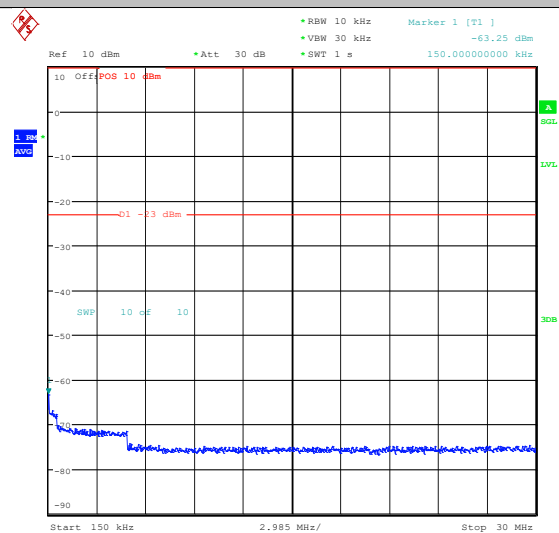
Date: 3.APR.2025 00:07:49

Band19-5MHz-16QAM-24125-1RB#0-3000~1000
0-PASS



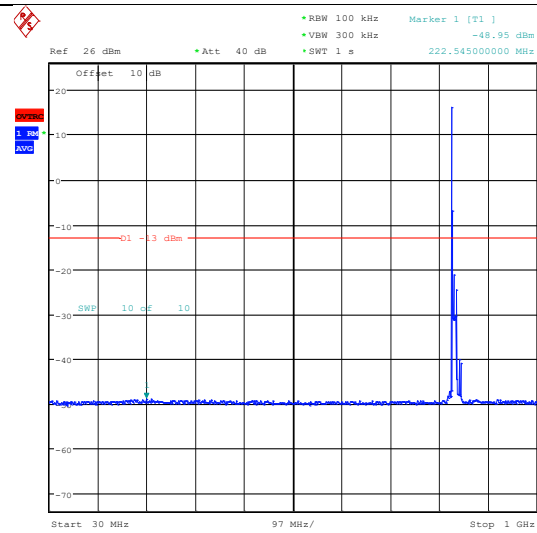
Date: 3.APR.2025 00:35:24

Band19-10MHz-QPSK-24050-1RB#0-0.009~0.15-
PASS



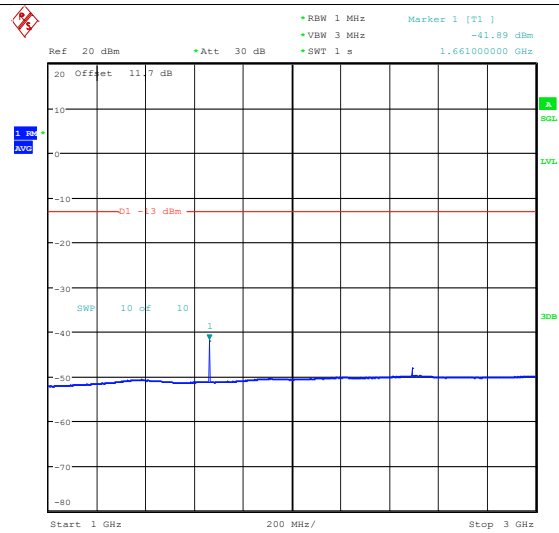
Date: 3.APR.2025 00:35:39

Band19-10MHz-QPSK-24050-1RB#0-0.15~30-PA
SS



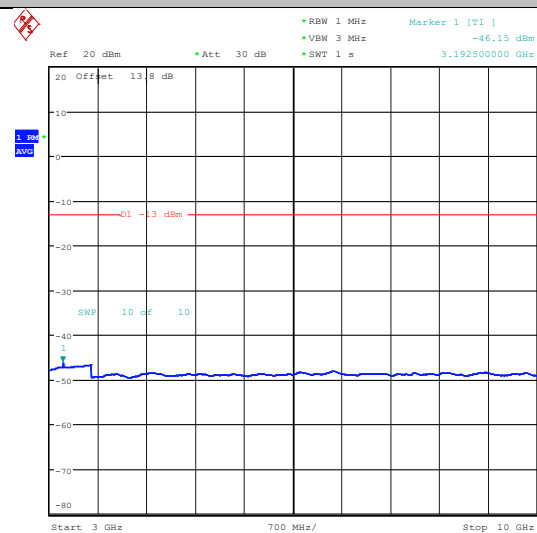
Date: 3.APR.2025 00:36:07

Band19-10MHz-QPSK-24050-1RB#0-30~1000-PA
SS



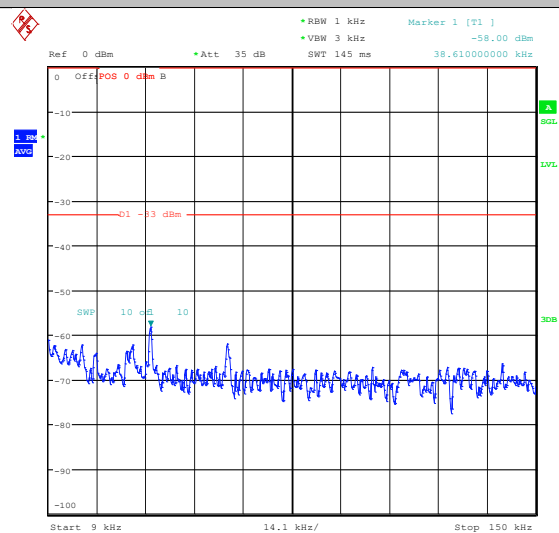
Date: 3.APR.2025 00:36:21

Band19-10MHz-QPSK-24050-1RB#0-1000~3000-
PASS



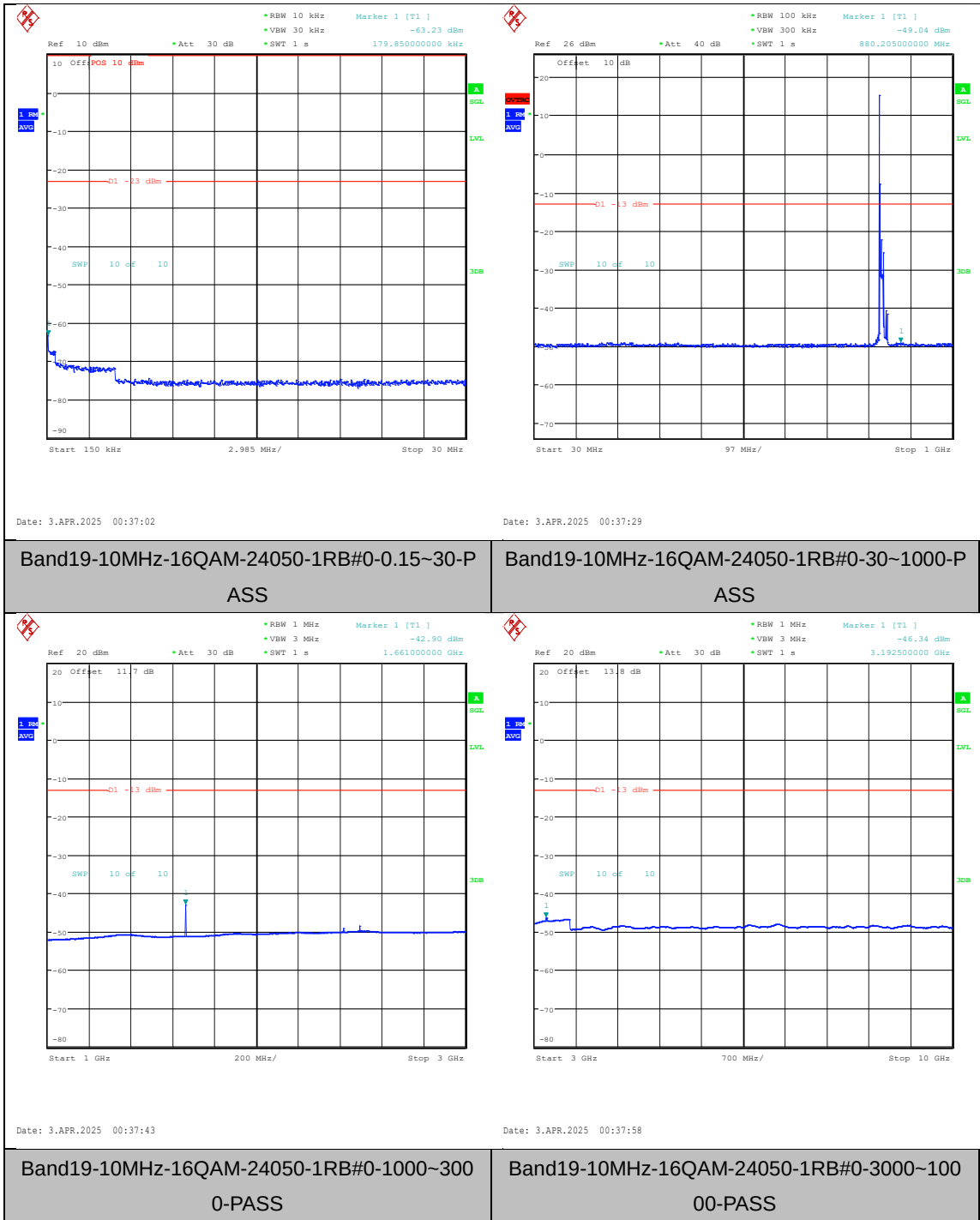
Date: 3.APR.2025 00:36:35

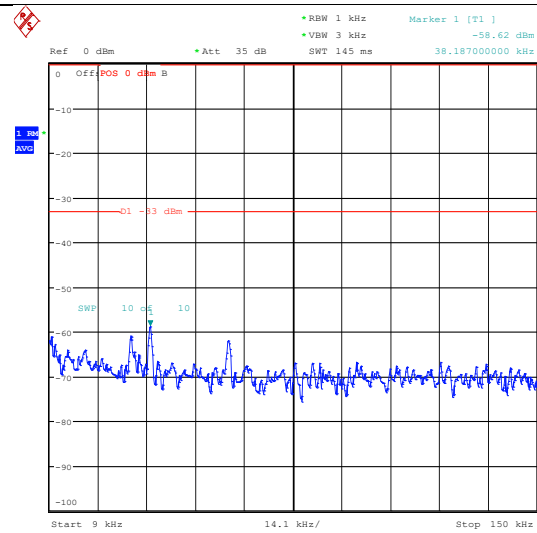
Band19-10MHz-QPSK-24050-1RB#0-3000~1000
0-PASS



Date: 3.APR.2025 00:36:47

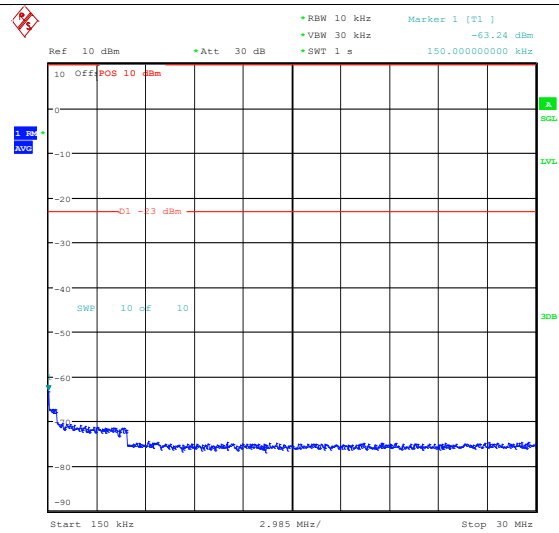
Band19-10MHz-16QAM-24050-1RB#0-0.009~0.1
5-PASS





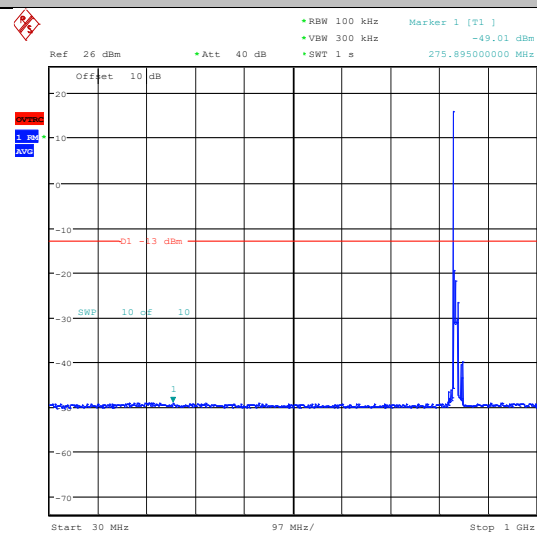
Date: 3.APR.2025 00:38:14

Band19-10MHz-QPSK-24075-1RB#0-0.009~0.15-
PASS



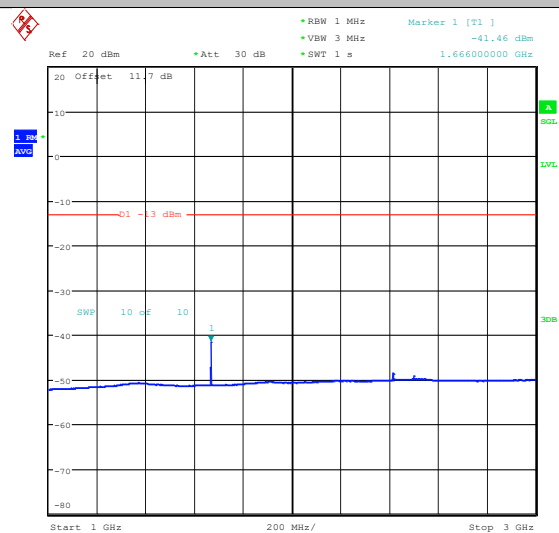
Date: 3.APR.2025 00:38:29

Band19-10MHz-QPSK-24075-1RB#0-0.15~30-PA
SS



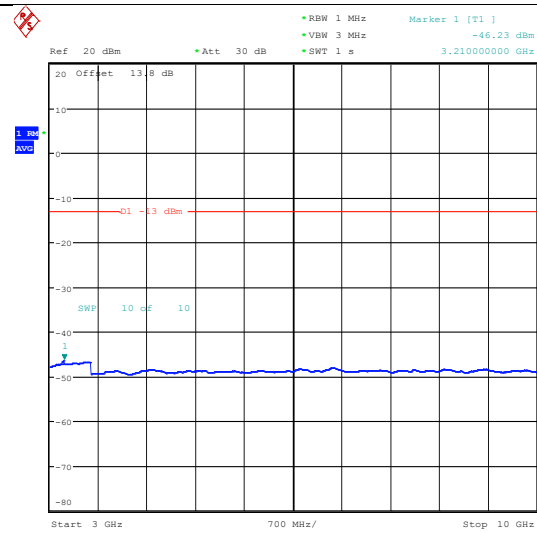
Date: 3.APR.2025 00:38:57

Band19-10MHz-QPSK-24075-1RB#0-30~1000-PA
SS



Date: 3.APR.2025 00:39:11

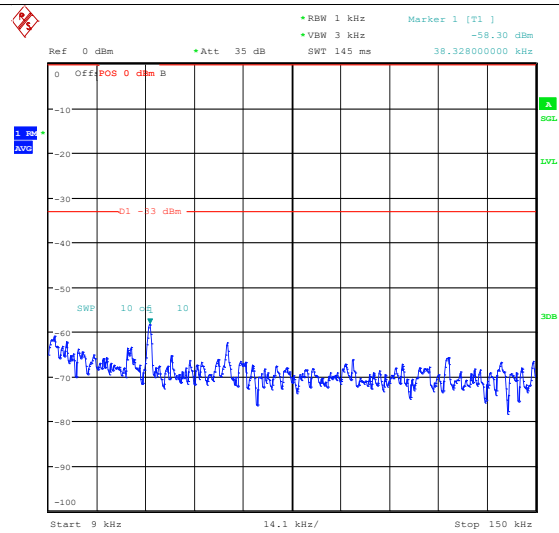
Band19-10MHz-QPSK-24075-1RB#0-1000~3000-
PASS



Date: 3.APR.2025 00:39:25

Band19-10MHz-QPSK-24075-1RB#0-3000~1000

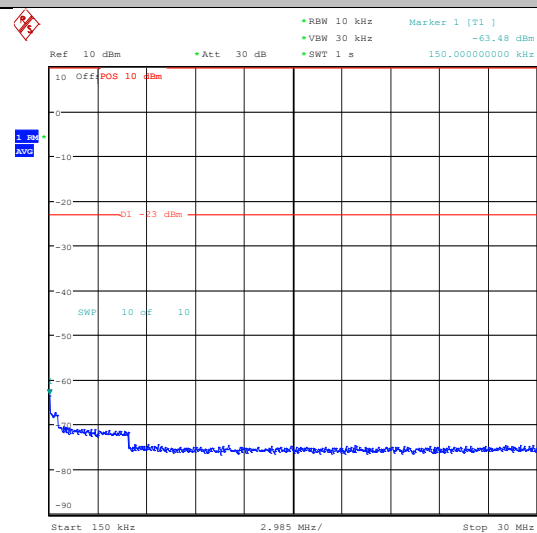
0-PASS



Date: 3.APR.2025 00:39:37

Band19-10MHz-16QAM-24075-1RB#0-0.009~0.1

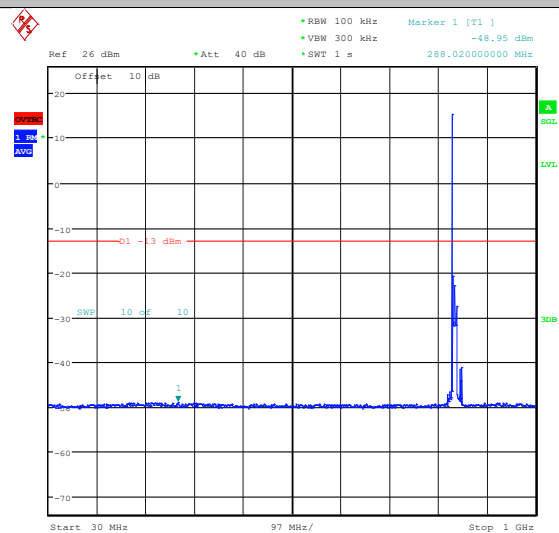
5-PASS



Date: 3.APR.2025 00:39:52

Band19-10MHz-16QAM-24075-1RB#0-0.15~30-P

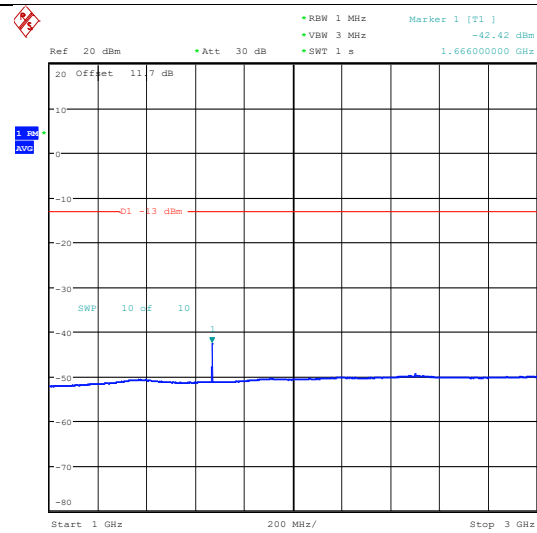
ASS



Date: 3.APR.2025 00:40:19

Band19-10MHz-16QAM-24075-1RB#0-30~1000-P

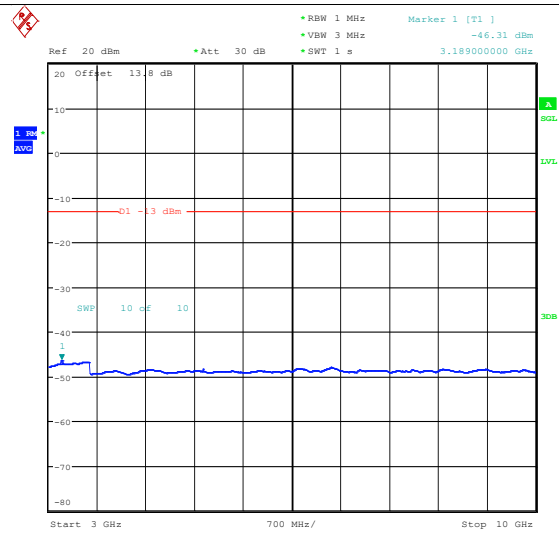
ASS



Date: 3.APR.2025 00:40:33

Band19-10MHz-16QAM-24075-1RB#0-1000~300

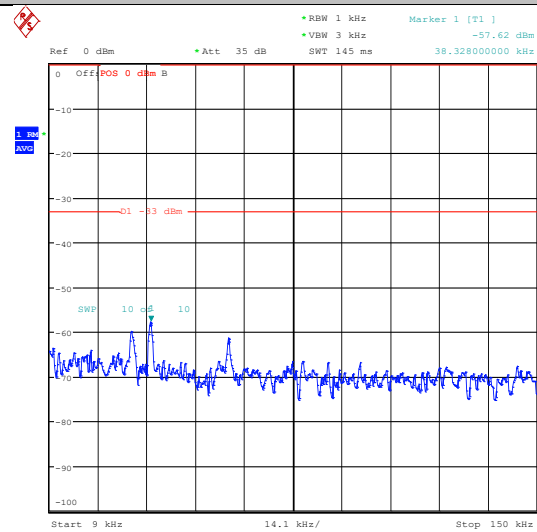
0-PASS



Date: 3.APR.2025 00:40:48

Band19-10MHz-16QAM-24075-1RB#0-3000~100

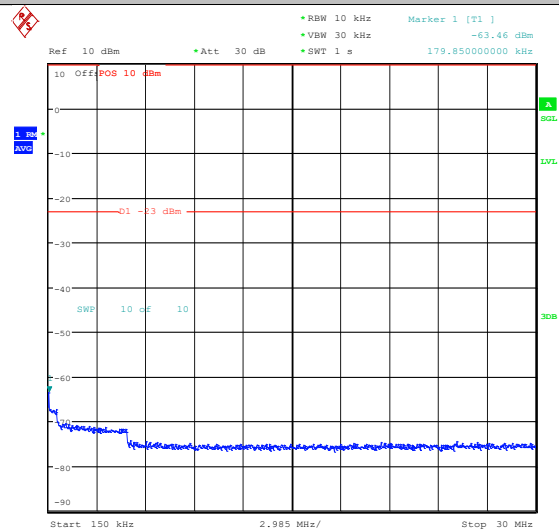
00-PASS



Date: 3.APR.2025 00:41:04

Band19-10MHz-QPSK-24100-1RB#0-0.009~0.15-

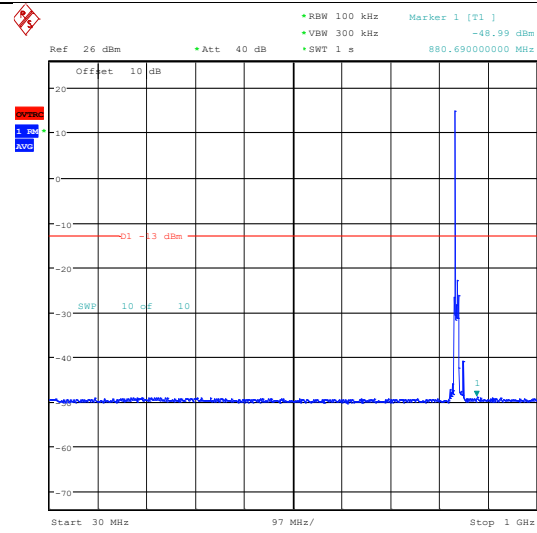
PASS



Date: 3.APR.2025 00:41:19

Band19-10MHz-QPSK-24100-1RB#0-0.15~30-PA

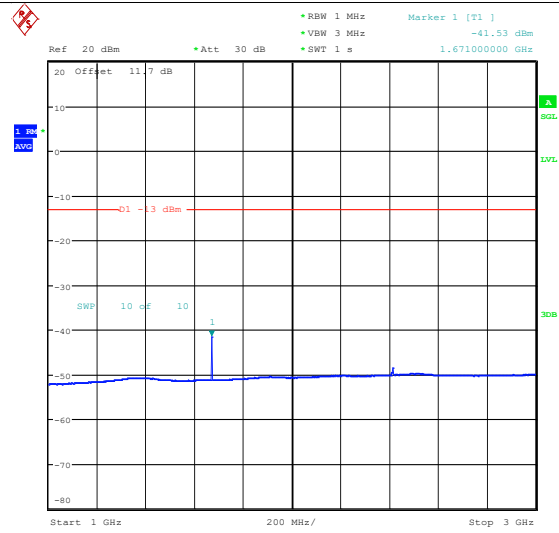
SS



Date: 3.APR.2025 00:41:47

Band19-10MHz-QPSK-24100-1RB#0-30~1000-PA

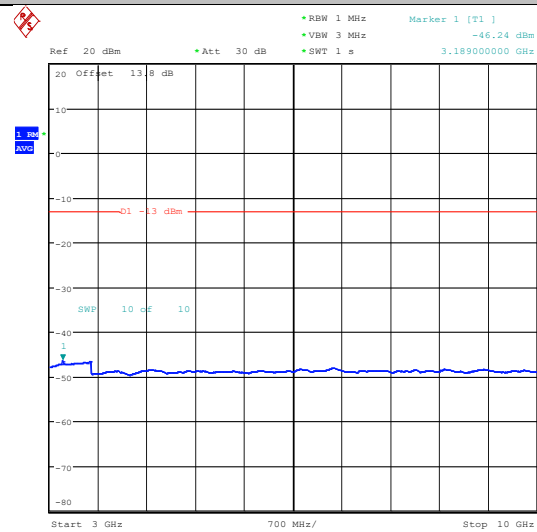
SS



Date: 3.APR.2025 00:42:01

Band19-10MHz-QPSK-24100-1RB#0-1000~3000-

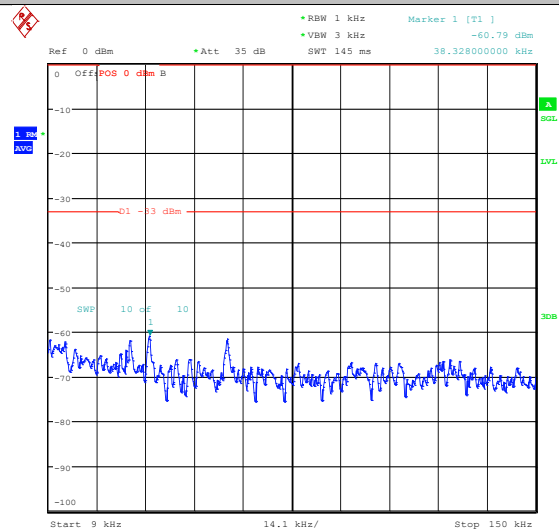
PASS



Date: 3.APR.2025 00:42:16

Band19-10MHz-QPSK-24100-1RB#0-3000~1000

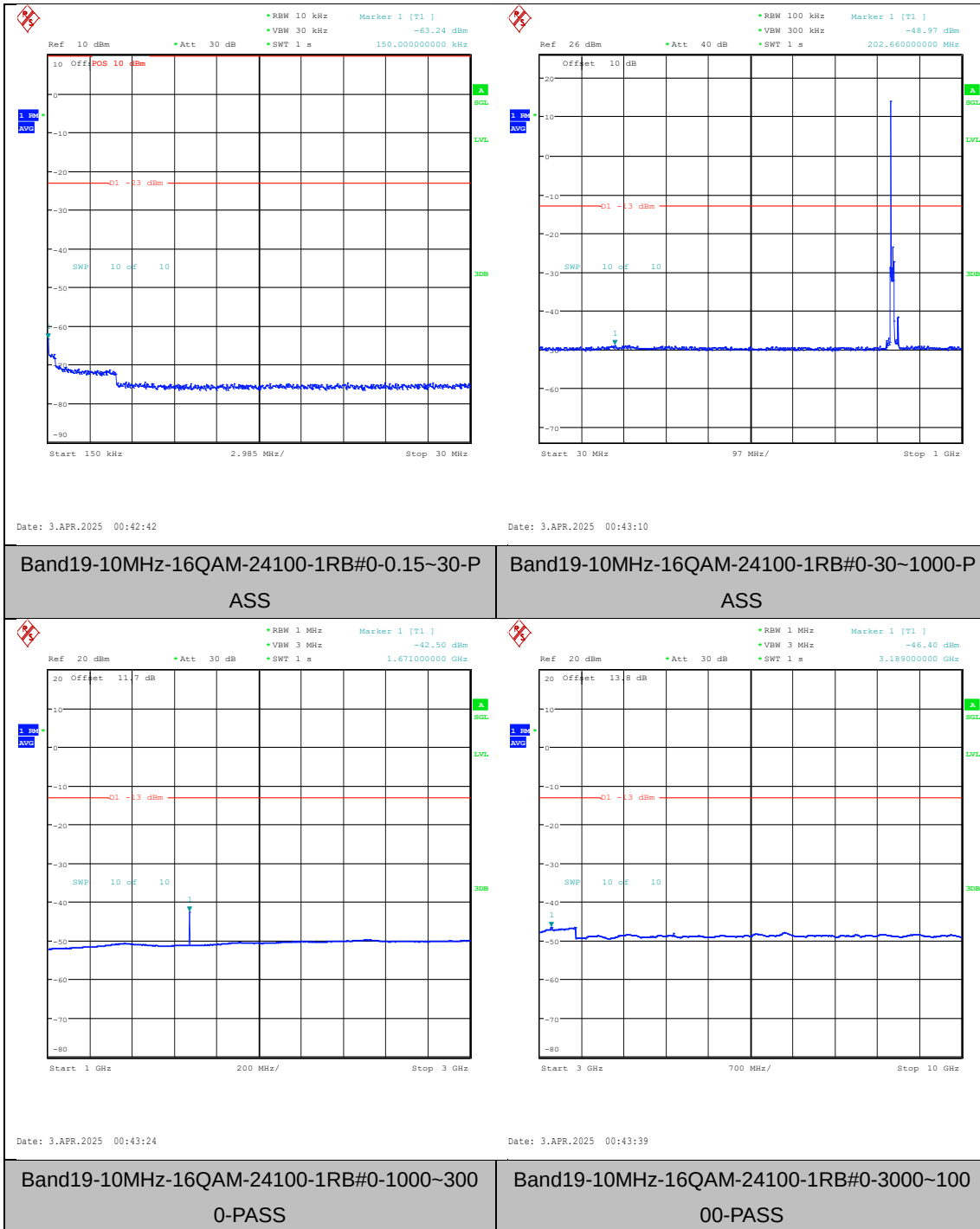
0-PASS

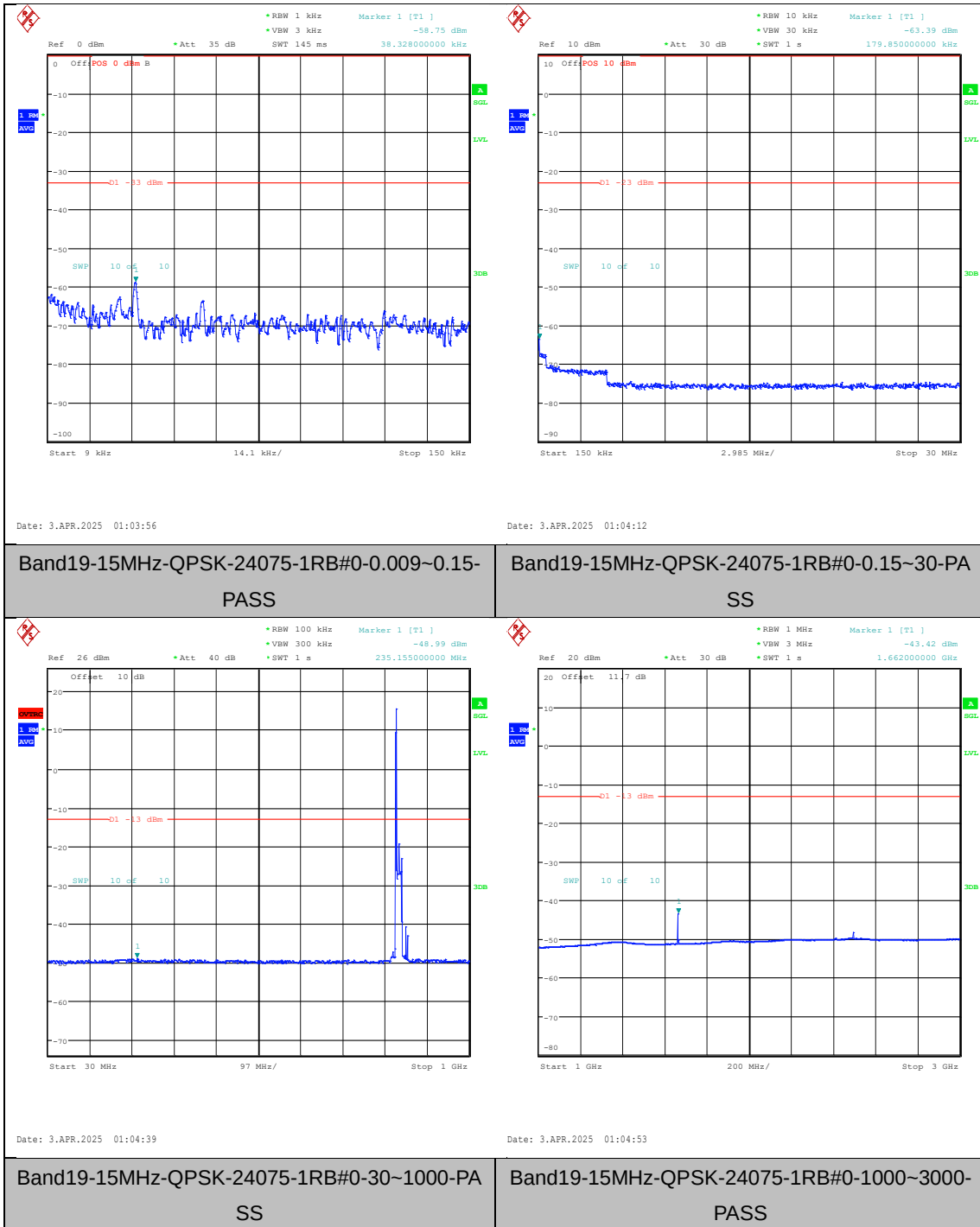


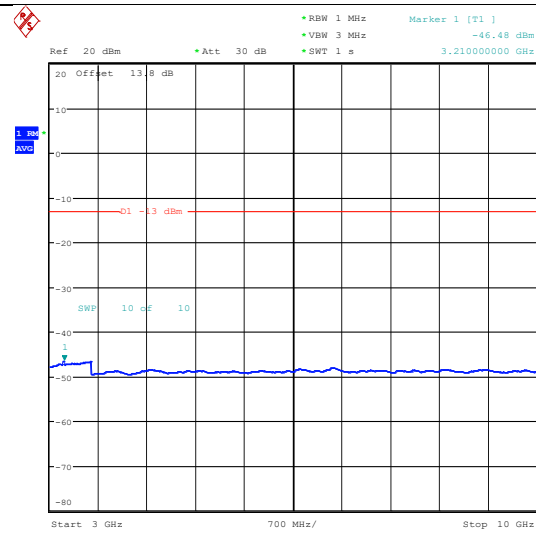
Date: 3.APR.2025 00:42:27

Band19-10MHz-16QAM-24100-1RB#0-0.009~0.1

5-PASS



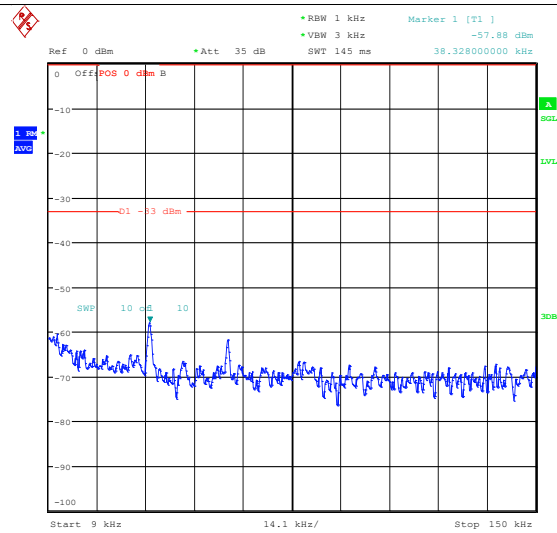




Date: 3.APR.2025 01:05:09

Band19-15MHz-QPSK-24075-1RB#0-3000~1000

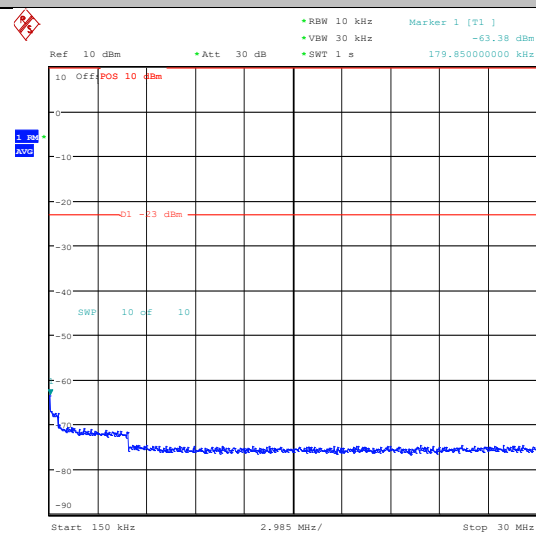
0-PASS



Date: 3.APR.2025 01:05:21

Band19-15MHz-16QAM-24075-1RB#0-0.009~0.1

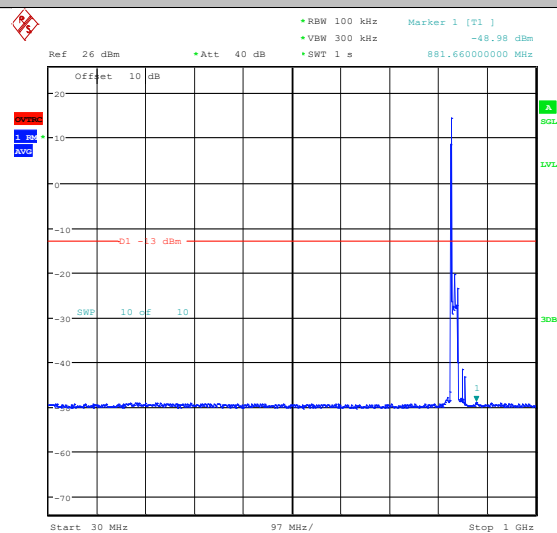
5-PASS



Date: 3.APR.2025 01:05:37

Band19-15MHz-16QAM-24075-1RB#0-0.15~30-P

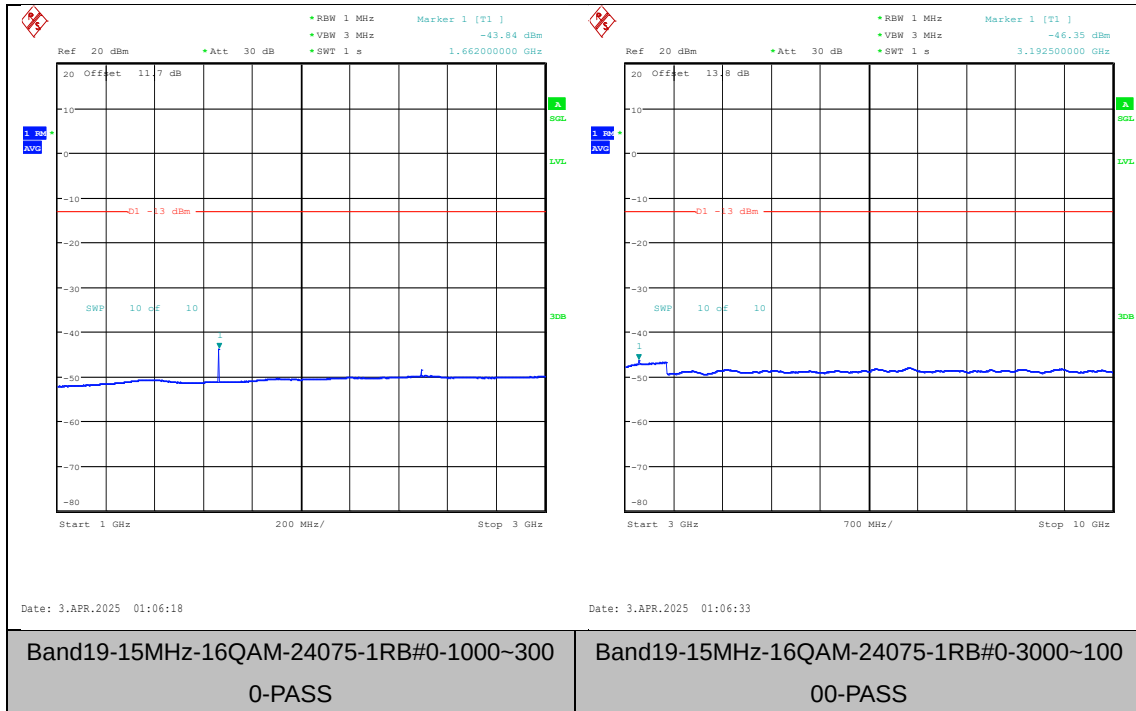
ASS



Date: 3.APR.2025 01:06:04

Band19-15MHz-16QAM-24075-1RB#0-30~1000-P

ASS



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band19	5MHz	QPSK	24025	25RB#0	VN	NT	-5.29	-0.006354	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	VL	NT	-3.99	-0.004793	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	VH	NT	-4.32	-0.005189	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	VN	NT	-3.59	-0.004312	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	VL	NT	-3.66	-0.004396	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	VH	NT	1.63	0.001958	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	VN	NT	-6.14	-0.007331	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	VL	NT	-5.61	-0.006699	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	VH	NT	-5.24	-0.006257	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	VN	NT	-3.13	-0.003737	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	VL	NT	-5.55	-0.006627	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	VH	NT	-2.76	-0.003296	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	VN	NT	-5.62	-0.006671	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	VL	NT	-5.04	-0.005982	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	VH	NT	-2.95	-0.003501	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	VN	NT	-2.20	-0.002611	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	VL	NT	-6.64	-0.007881	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	VH	NT	-4.08	-0.004843	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	VN	NT	-1.62	-0.001940	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	VL	NT	-3.12	-0.003737	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	VH	NT	-3.40	-0.004072	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	VN	NT	-5.79	-0.006934	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	VL	NT	-5.25	-0.006287	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	VH	NT	-5.62	-0.006731	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	VN	NT	-2.06	-0.002460	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	VL	NT	-2.57	-0.003069	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	VH	NT	-4.02	-0.004800	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	VN	NT	-4.84	-0.005779	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	VL	NT	-4.98	-0.005946	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	VH	NT	-2.19	-0.002615	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	VN	NT	-2.37	-0.002821	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	VL	NT	-6.24	-0.007429	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	VH	NT	-4.68	-0.005571	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	VN	NT	-4.76	-0.005667	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	VL	NT	-4.35	-0.005179	±2.5	PASS

Band19	10MHz	16QAM	24100	50RB#0	VH	NT	-5.08	-0.006048	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	VN	NT	-6.74	-0.008048	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	VL	NT	-3.19	-0.003809	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	VH	NT	-5.38	-0.006424	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	VN	NT	-3.38	-0.004036	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	VL	NT	-6.82	-0.008143	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	VH	NT	-3.26	-0.003893	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	NV	-30	-6.17	-0.007411	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	-20	-6.08	-0.007303	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	-10	-5.54	-0.006655	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	0	-4.08	-0.004901	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	10	-5.35	-0.006426	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	20	-4.95	-0.005946	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	30	2.30	0.002763	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	40	-4.36	-0.005237	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	50	-2.16	-0.002595	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	-30	-5.74	-0.006895	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	-20	-8.43	-0.010126	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	-10	-6.08	-0.007303	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	0	-5.89	-0.007075	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	10	-5.69	-0.006835	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	20	-3.83	-0.004601	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	30	-3.22	-0.003868	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	40	-5.65	-0.006787	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	50	-4.99	-0.005994	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	-30	1.24	0.001481	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	-20	-5.75	-0.006866	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	-10	-4.94	-0.005899	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	0	-4.84	-0.005779	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	10	-3.81	-0.004549	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	20	-5.88	-0.007021	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	30	-3.28	-0.003916	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	40	2.50	0.002985	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	50	-3.20	-0.003821	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	-30	-6.69	-0.007988	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	-20	-5.24	-0.006257	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	-10	-2.39	-0.002854	±2.5	PASS

Band19	5MHz	16QAM	24075	25RB#0	NV	0	-3.02	-0.003606	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	10	-4.89	-0.005839	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	20	-5.34	-0.006376	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	30	-4.31	-0.005146	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	40	-5.66	-0.006758	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	50	-5.41	-0.006460	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	-30	-5.31	-0.006303	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	-20	2.03	0.002409	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	-10	-3.59	-0.004261	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	0	4.16	0.004938	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	10	-1.26	-0.001496	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	20	-2.83	-0.003359	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	30	-3.58	-0.004249	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	40	-4.16	-0.004938	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	50	-4.28	-0.005080	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	-30	-5.24	-0.006220	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	-20	-2.25	-0.002671	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	-10	3.12	0.003703	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	0	-5.89	-0.006991	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	10	-2.33	-0.002766	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	20	-6.34	-0.007525	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	30	-5.05	-0.005994	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	40	-3.69	-0.004380	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	50	-5.12	-0.006077	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	-30	-4.38	-0.005246	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	-20	-1.39	-0.001665	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	-10	-6.47	-0.007749	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	0	-1.82	-0.002180	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	10	-4.09	-0.004898	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	20	-4.39	-0.005257	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	30	-7.70	-0.009222	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	40	-6.57	-0.007868	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	50	-2.45	-0.002934	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	-30	-4.58	-0.005485	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	-20	-3.73	-0.004467	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	-10	-4.66	-0.005581	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	0	-5.26	-0.006299	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	10	-5.35	-0.006407	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	20	-3.15	-0.003772	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	30	-2.32	-0.002778	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	40	-3.49	-0.004180	±2.5	PASS

Band19	10MHz	16QAM	24050	50RB#0	NV	50	-3.26	-0.003904	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	-30	-7.10	-0.008478	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	-20	-4.58	-0.005469	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	-10	-4.03	-0.004812	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	0	-5.35	-0.006388	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	10	-4.29	-0.005122	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	20	-5.52	-0.006591	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	30	-4.89	-0.005839	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	40	-5.42	-0.006472	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	50	-2.53	-0.003021	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	-30	-6.68	-0.007976	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	-20	-3.91	-0.004669	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	-10	-2.95	-0.003522	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	0	-5.31	-0.006340	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	10	-5.54	-0.006615	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	20	-6.19	-0.007391	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	30	-3.38	-0.004036	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	40	-3.12	-0.003725	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	50	-2.59	-0.003093	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	-30	-2.16	-0.002571	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	-20	-3.63	-0.004321	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	-10	-2.52	-0.003000	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	0	-4.39	-0.005226	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	10	-4.08	-0.004857	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	20	-3.18	-0.003786	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	30	1.44	0.001714	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	40	-2.85	-0.003393	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	50	-2.99	-0.003560	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	-30	-2.95	-0.003512	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	-20	-2.10	-0.002500	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	-10	2.27	0.002702	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	0	-2.23	-0.002655	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	10	-5.35	-0.006369	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	20	-4.96	-0.005905	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	30	-3.25	-0.003869	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	40	-4.46	-0.005310	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	50	-4.31	-0.005131	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	-30	-1.54	-0.001839	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	-20	-6.44	-0.007690	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	-10	-5.78	-0.006901	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	0	-3.75	-0.004478	±2.5	PASS

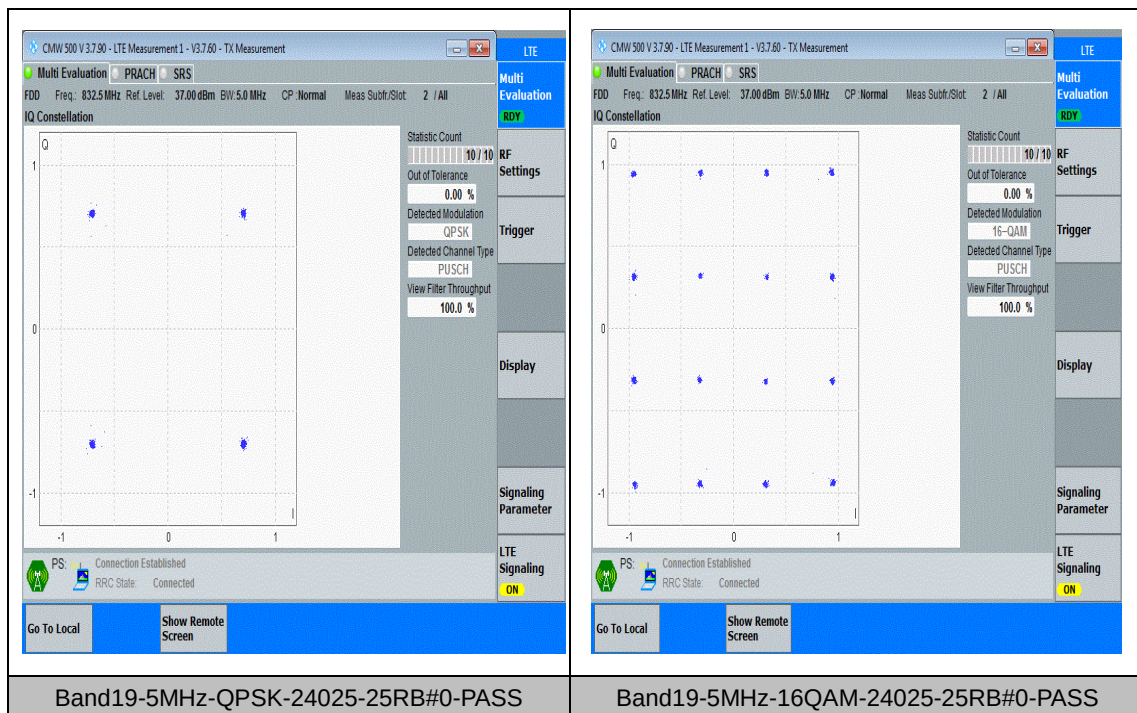
Band19	15MHz	QPSK	24075	75RB#0	NV	10	-3.81	-0.004549	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	20	-3.71	-0.004430	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	30	-4.23	-0.005051	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	40	-5.19	-0.006197	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	50	-4.58	-0.005469	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	-30	-8.51	-0.010161	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	-20	-6.21	-0.007415	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	-10	-5.56	-0.006639	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	0	-7.18	-0.008573	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	10	-3.92	-0.004681	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	20	-5.28	-0.006304	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	30	-4.45	-0.005313	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	40	-6.27	-0.007487	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	50	-2.66	-0.003176	±2.5	PASS

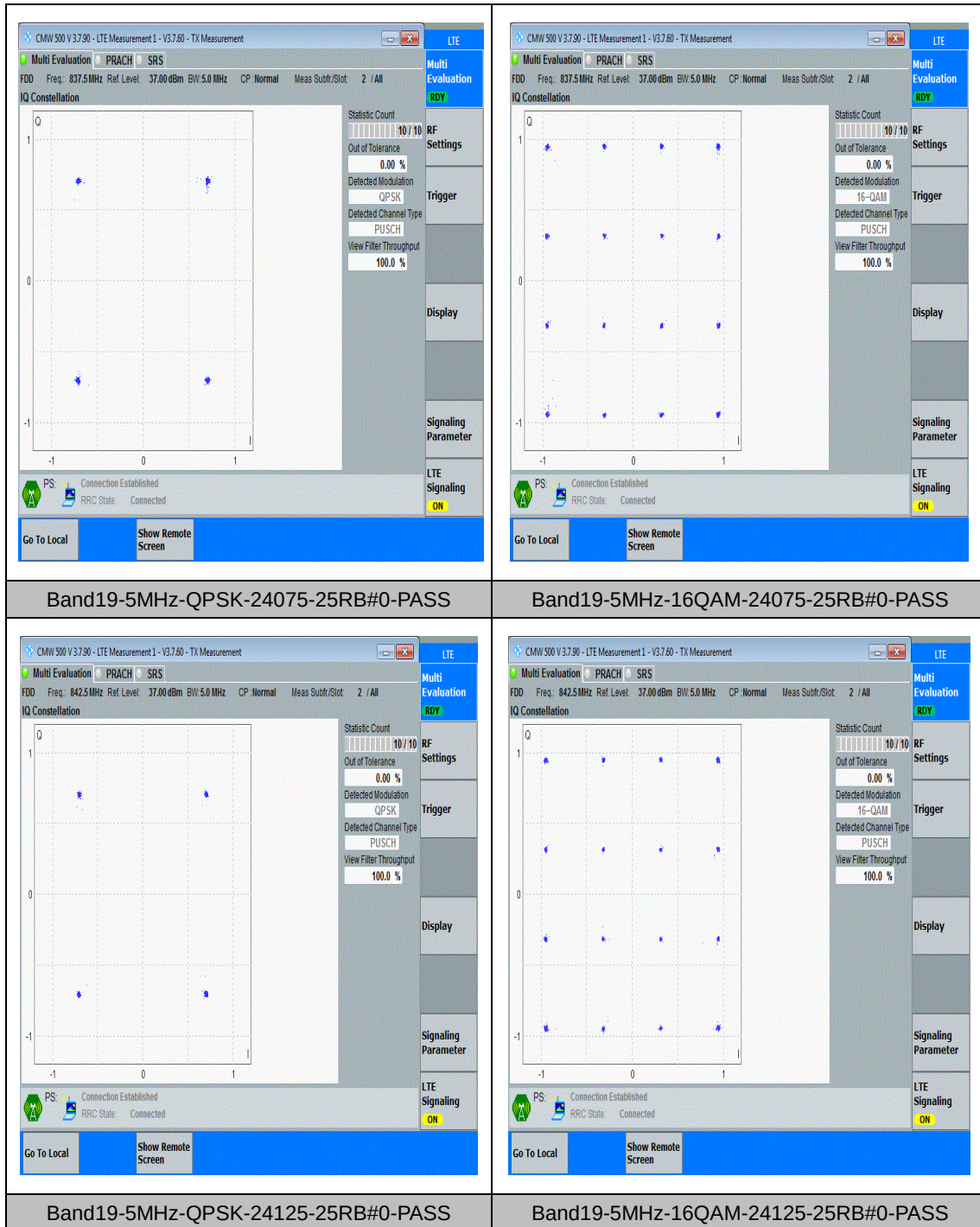
Appendix G: Modulation Characteristics

Test Result

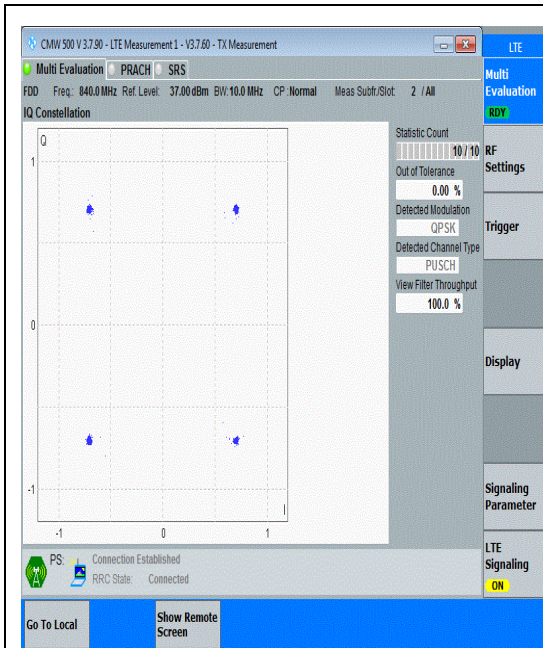
Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band19	5MHz	QPSK	24025	25RB#0	PASS
Band19	5MHz	16QAM	24025	25RB#0	PASS
Band19	5MHz	QPSK	24075	25RB#0	PASS
Band19	5MHz	16QAM	24075	25RB#0	PASS
Band19	5MHz	QPSK	24125	25RB#0	PASS
Band19	5MHz	16QAM	24125	25RB#0	PASS
Band19	10MHz	QPSK	24050	50RB#0	PASS
Band19	10MHz	16QAM	24050	50RB#0	PASS
Band19	10MHz	QPSK	24075	50RB#0	PASS
Band19	10MHz	16QAM	24075	50RB#0	PASS
Band19	10MHz	QPSK	24100	50RB#0	PASS
Band19	10MHz	16QAM	24100	50RB#0	PASS
Band19	15MHz	QPSK	24075	75RB#0	PASS
Band19	15MHz	16QAM	24075	75RB#0	PASS

Test Graphs

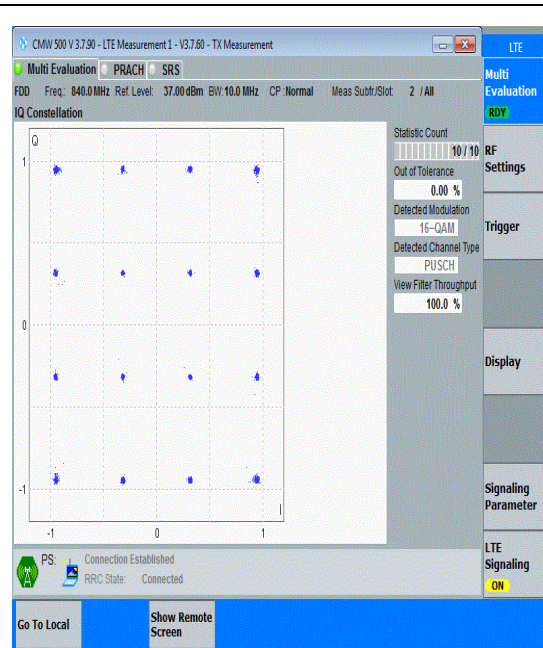




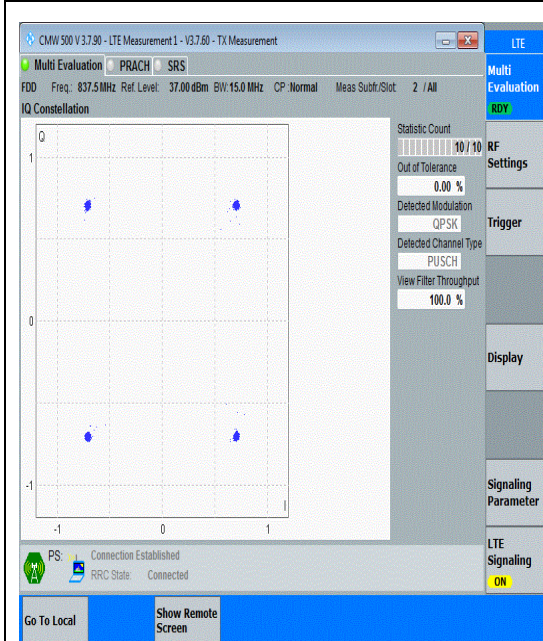




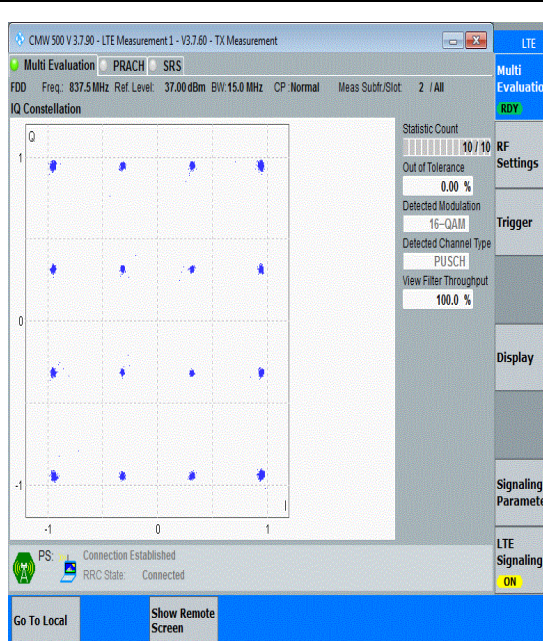
Band19-10MHz-QPSK-24100-50RB#0-PASS



Band19-10MHz-16QAM-24100-50RB#0-PASS



Band19-15MHz-QPSK-24075-75RB#0-PASS



Band19-15MHz-16QAM-24075-75RB#0-PASS