Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Conducted Power of LTE Band 19						
Bandwidth	Modulation	RB size	RB offset	Channel 24025	Channel 24075	Channel 24125
5MHz	QPSK	1	0.00	23.20	23.08	23.42
			12.00	23.93	23.70	23.37
			24.00	23.26	23.12	23.04
		12	0.00	21.92	21.72	22.55
			6.00	22.19	21.92	22.38
			13.00	22.35	21.77	22.10
		25	0.00	22.21	21.84	22.07
	16QAM	1	0.00	21.96	21.41	21.69
			12.00	22.74	22.35	22.69
			24.00	21.71	21.73	21.85
		12	0.00	20.93	20.48	21.79
			6.00	21.38	20.55	21.07
			13.00	20.70	20.20	21.28
		25	0.00	21.25	21.20	21.49
Bandwidth	Modulation	RB size	RB offset	Channel 24050	Channel 24075	Channel 24100
10MHz	QPSK	1	0.00	23.24	22.88	23.44
			24.00	23.41	23.57	24.25
			49.00	22.76	22.70	23.29
		25	0.00	22.28	21.97	22.02
			12.00	22.69	22.60	22.37
			25.00	21.41	21.41	22.00
		50	0.00	22.63	22.26	22.87
	16QAM	1	0.00	22.47	21.59	21.60
			24.00	22.33	21.74	22.08
			49.00	22.28	22.48	21.70
		25	0.00	21.68	21.16	21.15
			12.00	20.77	20.93	20.52
			25.00	20.69	21.09	20.73
		50	0.00	21.70	21.44	21.35

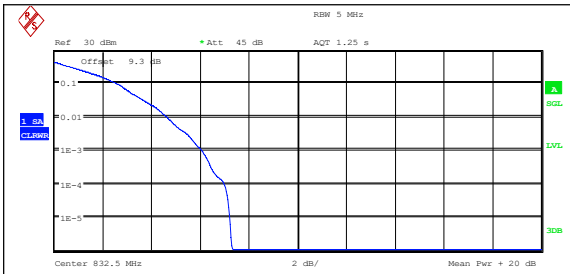
Bandwidth	Modulation	RB size	RB offset	Channel 24075	Channel 24075	Channel 24075
15MHz	QPSK	1	0.00	24.14	23.78	24.34
			37.00	23.61	23.77	24.45
			74.00	22.98	22.92	23.51
		37	0.00	22.95	22.64	22.69
			18.00	23.33	23.24	23.01
			38.00	21.44	21.44	22.03
		75	0.00	23.49	23.12	23.73
	16QAM	1	0.00	22.79	21.91	21.92
			37.00	23.32	22.73	23.07
			74.00	22.99	23.19	22.41
		37	0.00	22.60	22.08	22.07
			18.00	21.10	21.26	20.85
			38.00	21.31	21.71	21.35
		75	0.00	22.13	21.87	21.78

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	5.83	13	PASS
Band19	5MHz	QPSK	24075	25RB#0	5.26	13	PASS
Band19	5MHz	16QAM	24075	1RB#0	6.22	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	5.32	13	PASS
Band19	5MHz	16QAM	24125	1RB#0	5.61	13	PASS
Band19	5MHz	16QAM	24125	25RB#0	6.19	13	PASS
Band19	10MHz	QPSK	24050	1RB#0	5.83	13	PASS
Band19	10MHz	QPSK	24050	50RB#0	5.64	13	PASS
Band19	10MHz	16QAM	24050	1RB#0	6.73	13	PASS
Band19	10MHz	16QAM	24050	50RB#0	6.60	13	PASS
Band19	10MHz	QPSK	24075	1RB#0	5.58	13	PASS
Band19	10MHz	QPSK	24075	50RB#0	5.51	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	5.51	13	PASS
Band19	10MHz	QPSK	24100	50RB#0	5.51	13	PASS
Band19	10MHz	16QAM	24100	1RB#0	6.41	13	PASS
Band19	10MHz	16QAM	24100	50RB#0	6.38	13	PASS
Band19	15MHz	QPSK	24075	1RB#0	8.21	13	PASS
Band19	15MHz	QPSK	24075	75RB#0	5.93	13	PASS
Band19	15MHz	16QAM	24075	1RB#0	8.14	13	PASS
Band19	15MHz	16QAM	24075	75RB#0	6.79	13	PASS

Test Graphs

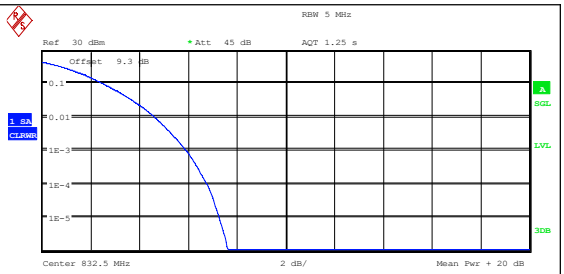


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	19.30 dBm
Peak	26.69 dBm
Crest	7.39 dB
10 %	2.60 dB
1 %	4.62 dB
.1 %	6.06 dB
.01 %	6.99 dB

Date: 7.FEB.2025 18:18:33

Band19-5MHz-QPSK-24025-1RB#0-PASS

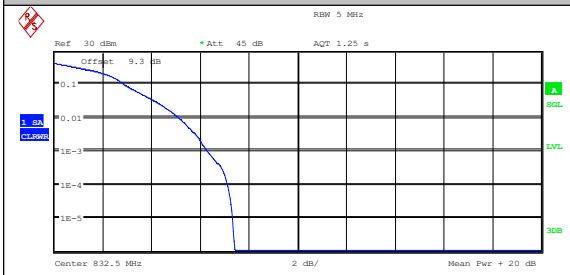


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	20.72 dBm
Peak	28.46 dBm
Crest	7.74 dB
10 %	2.50 dB
1 %	4.62 dB
.1 %	5.90 dB
.01 %	6.76 dB

Date: 7.FEB.2025 18:19:25

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

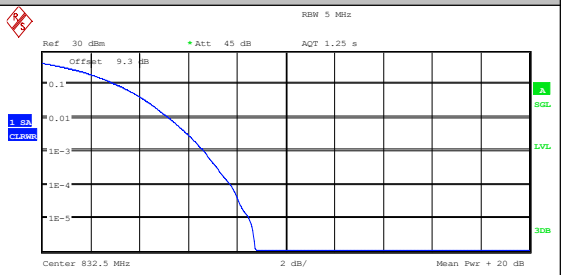


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	18.57 dBm
Peak	26.13 dBm
Crest	7.56 dB
10 %	2.88 dB
1 %	5.10 dB
.1 %	6.28 dB
.01 %	7.12 dB

Date: 7.FEB.2025 18:18:57

Band19-5MHz-16QAM-24025-1RB#0-PASS

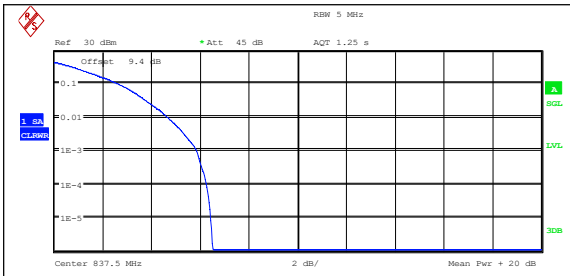


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	19.99 dBm
Peak	28.95 dBm
Crest	8.96 dB
10 %	3.04 dB
1 %	5.19 dB
.1 %	6.63 dB
.01 %	7.72 dB

Date: 7.FEB.2025 18:19:49

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

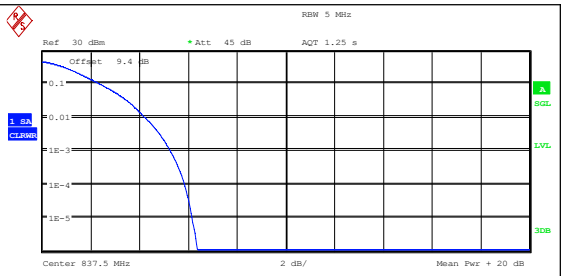


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	19.49 dBm
Peak	26.06 dBm
Crest	6.57 dB
10 %	2.66 dB
1 %	4.65 dB
.1 %	5.83 dB
.01 %	6.25 dB

Date: 7.FEB.2025 18:20:18

Band19-5MHz-QPSK-24075-1RB#0-PASS

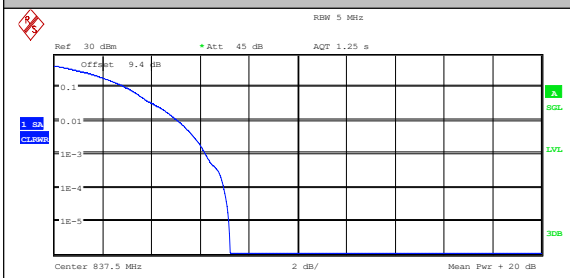


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	20.88 dBm
Peak	27.33 dBm
Crest	6.45 dB
10 %	2.37 dB
1 %	4.20 dB
.1 %	5.26 dB
.01 %	5.83 dB

Date: 7.FEB.2025 18:21:10

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

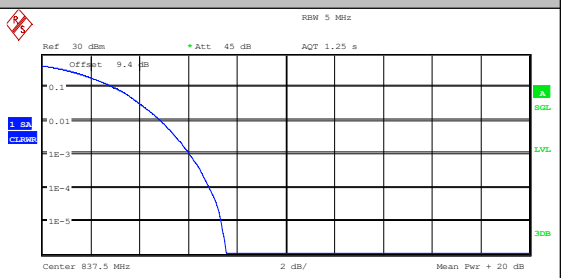


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	18.84 dBm
Peak	26.13 dBm
Crest	7.29 dB
10 %	2.95 dB
1 %	5.06 dB
.1 %	6.22 dB
.01 %	6.96 dB

Date: 7.FEB.2025 18:20:43

Band19-5MHz-16QAM-24075-1RB#0-PASS

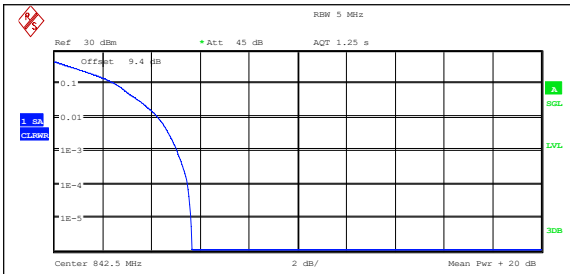


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	20.14 dBm
Peak	27.75 dBm
Crest	7.61 dB
10 %	2.95 dB
1 %	4.84 dB
.1 %	6.03 dB
.01 %	6.86 dB

Date: 7.FEB.2025 18:21:35

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

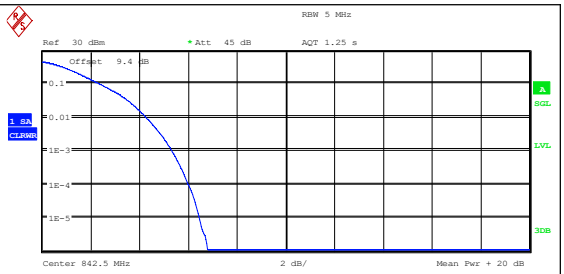


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	19.63 dBm
Peak	25.42 dBm
Crest	5.79 dB
10 %	2.53 dB
1 %	4.26 dB
.1 %	5.03 dB
.01 %	5.48 dB

Date: 7.FEB.2025 18:22:03

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

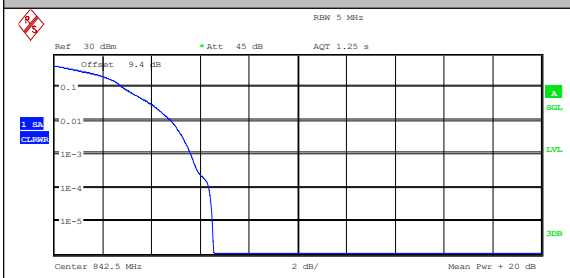


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	20.99 dBm
Peak	27.96 dBm
Crest	6.97 dB
10 %	2.37 dB
1 %	4.26 dB
.1 %	5.32 dB
.01 %	5.99 dB

Date: 7.FEB.2025 18:22:55

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

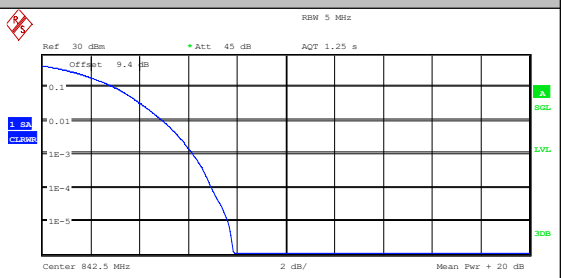


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	18.91 dBm
Peak	25.50 dBm
Crest	6.58 dB
10 %	2.82 dB
1 %	4.78 dB
.1 %	5.61 dB
.01 %	6.35 dB

Date: 7.FEB.2025 18:22:28

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

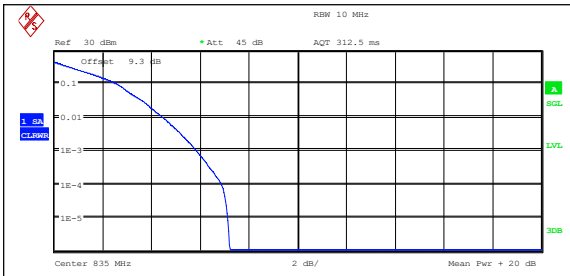


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	20.25 dBm
Peak	28.32 dBm
Crest	8.06 dB
10 %	2.98 dB
1 %	4.94 dB
.1 %	6.19 dB
.01 %	6.96 dB

Date: 7.FEB.2025 18:23:20

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

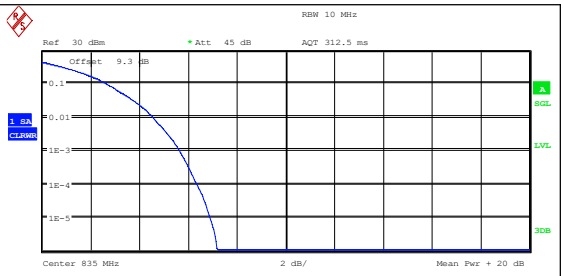


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	19.72 dBm
Peak	26.98 dBm
Crest	7.25 dB
10 %	2.56 dB
1 %	4.46 dB
.1 %	5.83 dB
.01 %	6.86 dB

Date: 7.FEB.2025 18:53:10

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

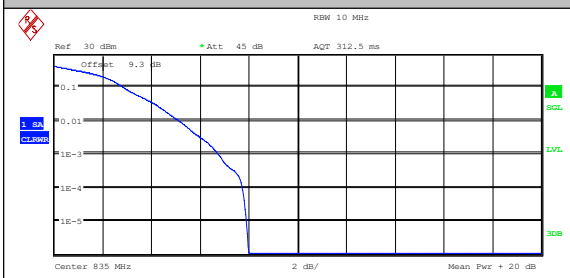


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	21.19 dBm
Peak	28.53 dBm
Crest	7.34 dB
10 %	2.66 dB
1 %	4.52 dB
.1 %	5.64 dB
.01 %	6.35 dB

Date: 7.FEB.2025 18:54:01

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

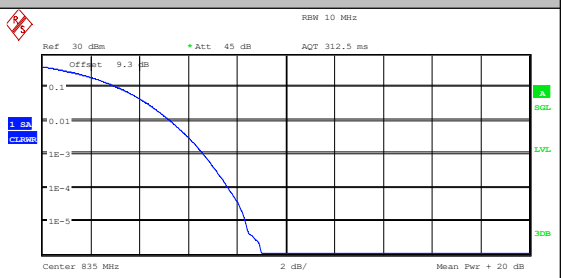


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	19.07 dBm
Peak	27.19 dBm
Crest	8.12 dB
10 %	2.85 dB
1 %	5.13 dB
.1 %	6.73 dB
.01 %	7.72 dB

Date: 7.FEB.2025 18:53:34

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

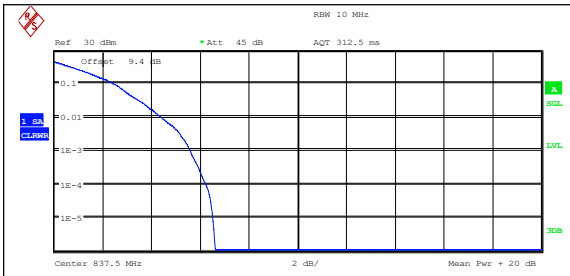


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	20.47 dBm
Peak	29.59 dBm
Crest	9.12 dB
10 %	3.11 dB
1 %	5.26 dB
.1 %	6.60 dB
.01 %	7.63 dB

Date: 7.FEB.2025 18:54:25

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

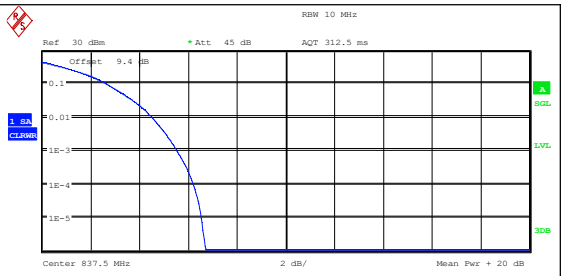


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	19.88 dBm
Peak	26.55 dBm
Crest	6.67 dB
10 %	2.47 dB
1 %	4.39 dB
.1 %	5.58 dB
.01 %	6.22 dB

Date: 7.FEB.2025 18:54:54

Band19-10MHz-QPSK-24075-1RB#0-PASS

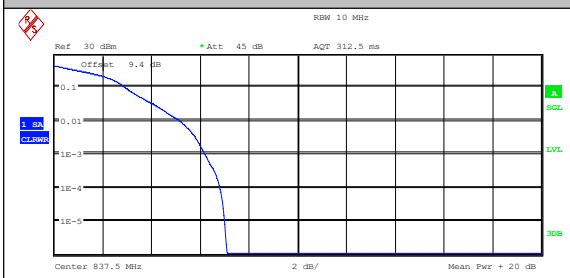


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	21.36 dBm
Peak	28.25 dBm
Crest	6.88 dB
10 %	2.66 dB
1 %	4.49 dB
.1 %	5.51 dB
.01 %	6.19 dB

Date: 7.FEB.2025 18:55:45

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

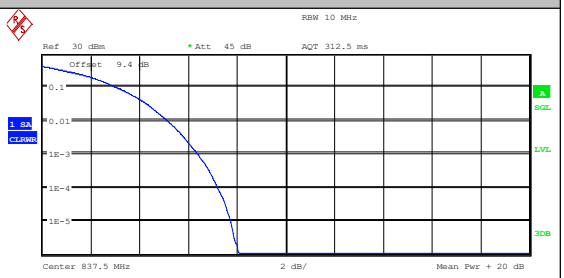


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	19.03 dBm
Peak	26.20 dBm
Crest	7.17 dB
10 %	2.92 dB
1 %	5.16 dB
.1 %	6.19 dB
.01 %	6.79 dB

Date: 7.FEB.2025 18:55:18

Band19-10MHz-16QAM-24075-1RB#0-PASS

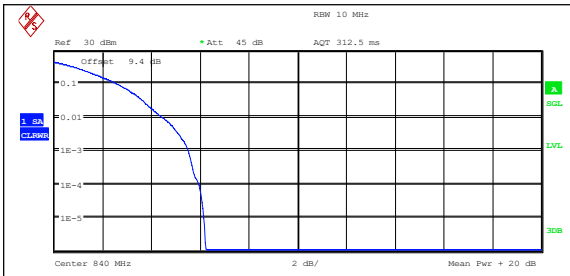


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	20.60 dBm
Peak	28.81 dBm
Crest	8.21 dB
10 %	3.04 dB
1 %	5.13 dB
.1 %	6.38 dB
.01 %	7.18 dB

Date: 7.FEB.2025 18:56:09

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

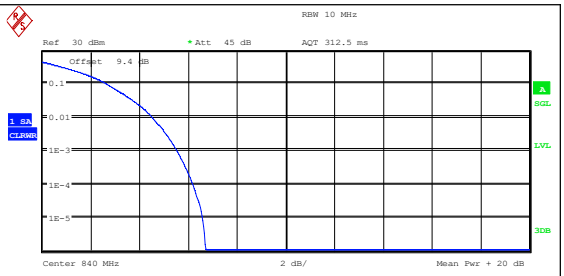


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	20.00 dBm
Peak	26.34 dBm
Crest	6.35 dB
10 %	2.60 dB
1 %	4.46 dB
.1 %	5.51 dB
.01 %	5.93 dB

Date: 7.FEB.2025 18:56:38

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

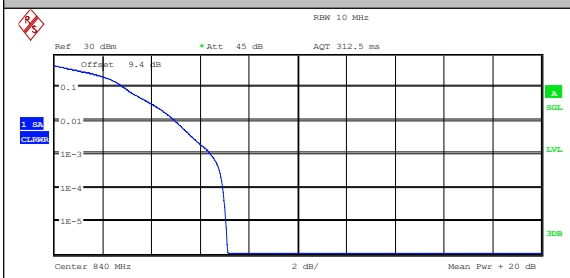


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	21.42 dBm
Peak	28.18 dBm
Crest	6.76 dB
10 %	2.66 dB
1 %	4.52 dB
.1 %	5.51 dB
.01 %	6.19 dB

Date: 7.FEB.2025 18:57:29

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

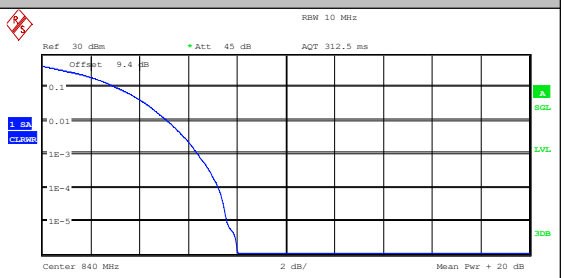


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	19.09 dBm
Peak	26.27 dBm
Crest	7.18 dB
10 %	2.85 dB
1 %	4.97 dB
.1 %	6.41 dB
.01 %	6.92 dB

Date: 7.FEB.2025 18:57:02

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

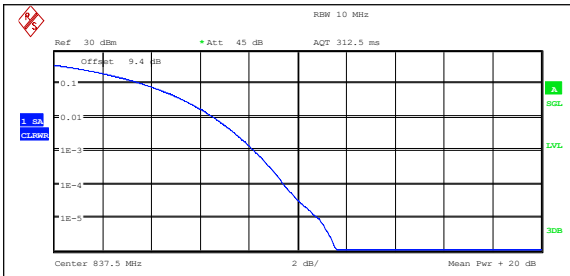


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	20.66 dBm
Peak	28.81 dBm
Crest	8.16 dB
10 %	3.04 dB
1 %	5.13 dB
.1 %	6.38 dB
.01 %	7.21 dB

Date: 7.FEB.2025 18:57:53

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

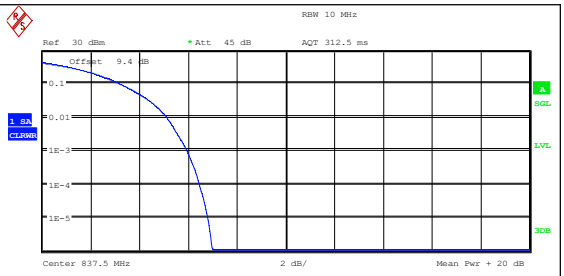


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	-6.97 dBm
Peak	14.49 dBm
Crest	21.46 dB
10 %	3.65 dB
1 %	6.54 dB
.1 %	8.21 dB
.01 %	9.42 dB

Date: 7.FEB.2025 19:11:28

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

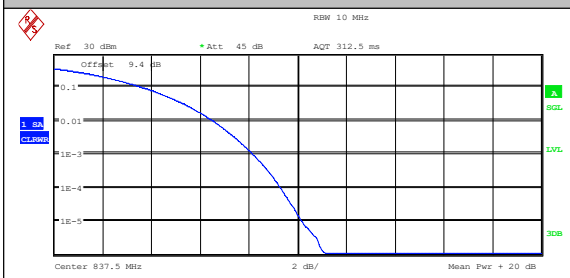


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	19.82 dBm
Peak	26.98 dBm
Crest	7.16 dB
10 %	3.21 dB
1 %	5.10 dB
.1 %	5.93 dB
.01 %	6.44 dB

Date: 7.FEB.2025 19:12:19

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

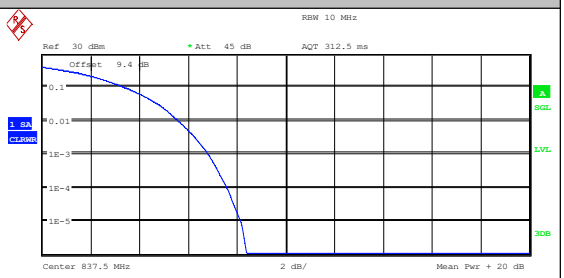


Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	-7.70 dBm
Peak	3.98 dBm
Crest	11.68 dB
10 %	3.65 dB
1 %	6.51 dB
.1 %	8.14 dB
.01 %	9.29 dB

Date: 7.FEB.2025 19:11:53

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



Complementary Cumulative Distribution Function (10000000 samples)

	Trace 1
Mean	19.05 dBm
Peak	27.61 dBm
Crest	8.56 dB
10 %	3.40 dB
1 %	5.58 dB
.1 %	6.79 dB
.01 %	7.56 dB

Date: 7.FEB.2025 19:12:44

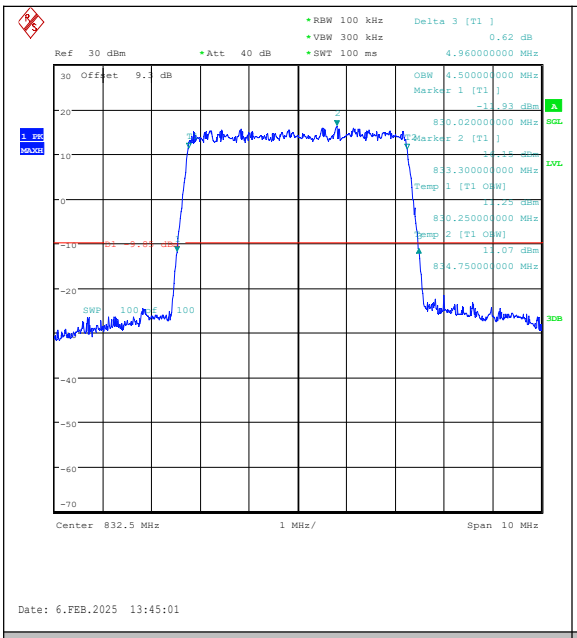
Band19-15MHz-16QAM-24075-75RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

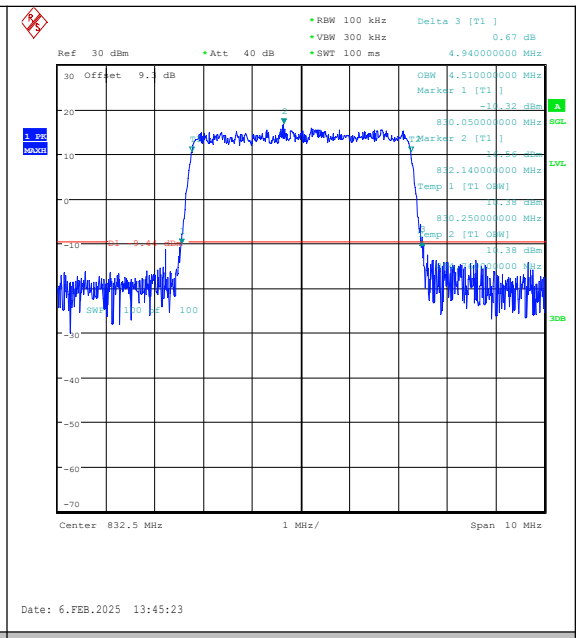
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	4.5	4.96	PASS
Band19	5MHz	16QAM	24025	25RB#0	4.51	4.94	PASS
Band19	5MHz	QPSK	24075	25RB#0	4.5	4.93	PASS
Band19	5MHz	16QAM	24075	25RB#0	4.51	4.94	PASS
Band19	5MHz	QPSK	24125	25RB#0	4.51	4.92	PASS
Band19	5MHz	16QAM	24125	25RB#0	4.52	4.95	PASS
Band19	10MHz	QPSK	24050	50RB#0	9	9.97	PASS
Band19	10MHz	16QAM	24050	50RB#0	9	10.17	PASS
Band19	10MHz	QPSK	24075	50RB#0	9.033	9.87	PASS
Band19	10MHz	16QAM	24075	50RB#0	9	9.87	PASS
Band19	10MHz	QPSK	24100	50RB#0	8.967	9.87	PASS
Band19	10MHz	16QAM	24100	50RB#0	8.967	9.90	PASS
Band19	15MHz	QPSK	24075	75RB#0	13.5	14.80	PASS
Band19	15MHz	16QAM	24075	75RB#0	13.5	14.80	PASS

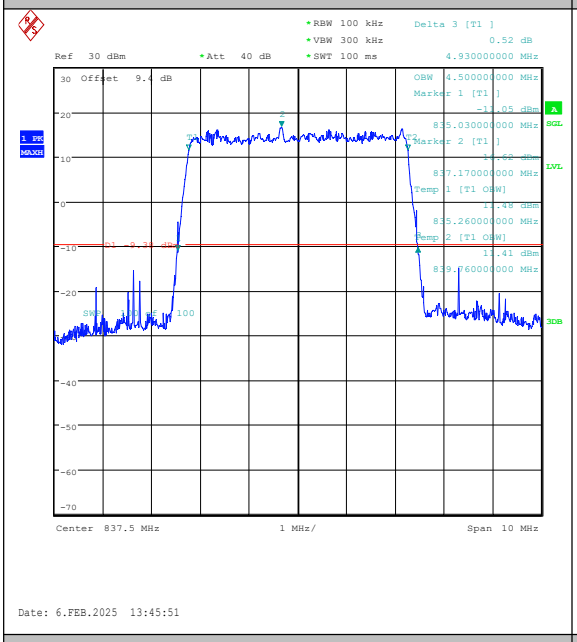
Test Graphs



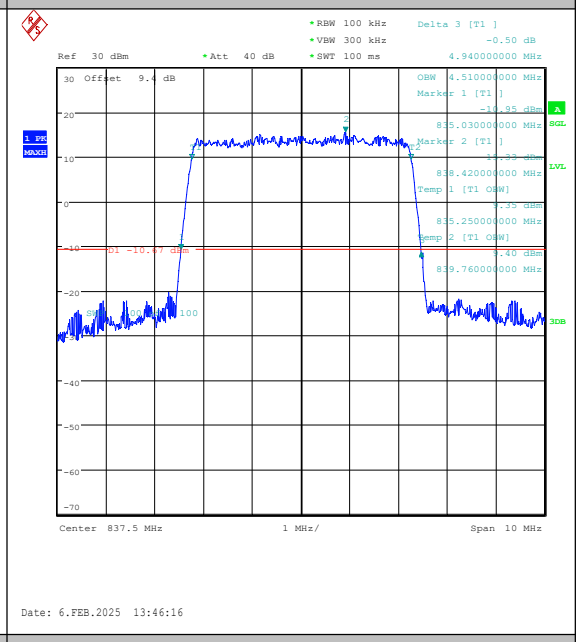
Band19-5MHz-QPSK-24025-25RB#0-PASS



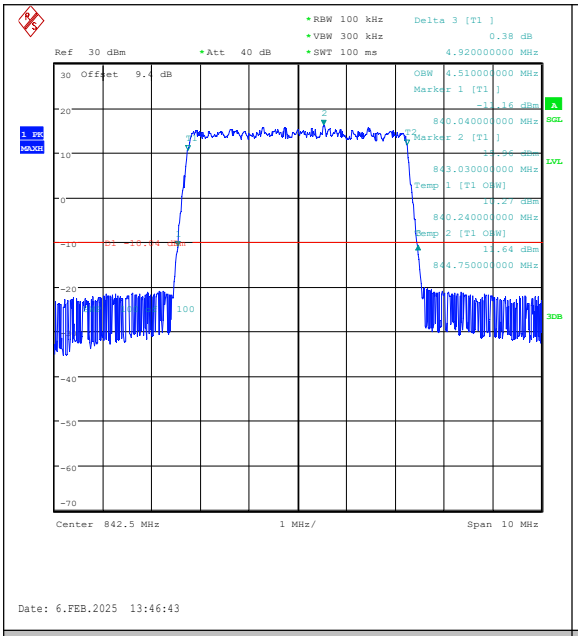
Band19-5MHz-16QAM-24025-25RB#0-PASS



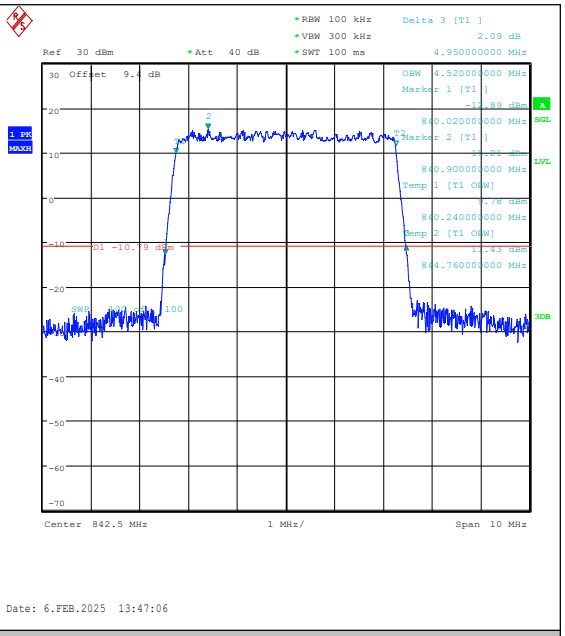
Band19-5MHz-QPSK-24075-25RB#0-PASS



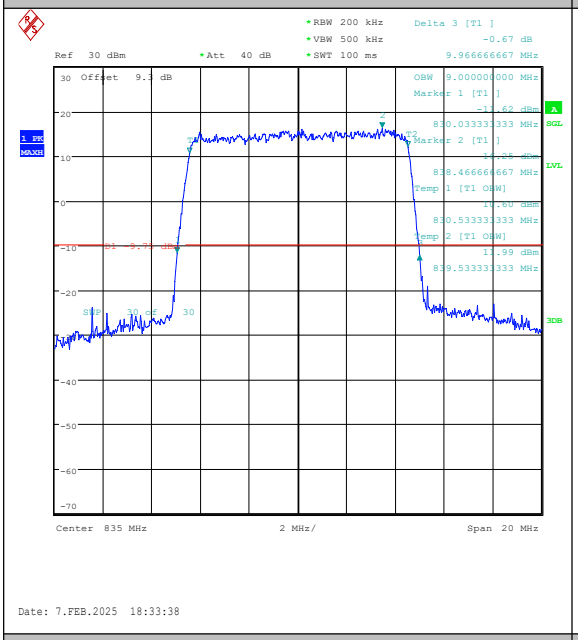
Band19-5MHz-16QAM-24075-25RB#0-PASS



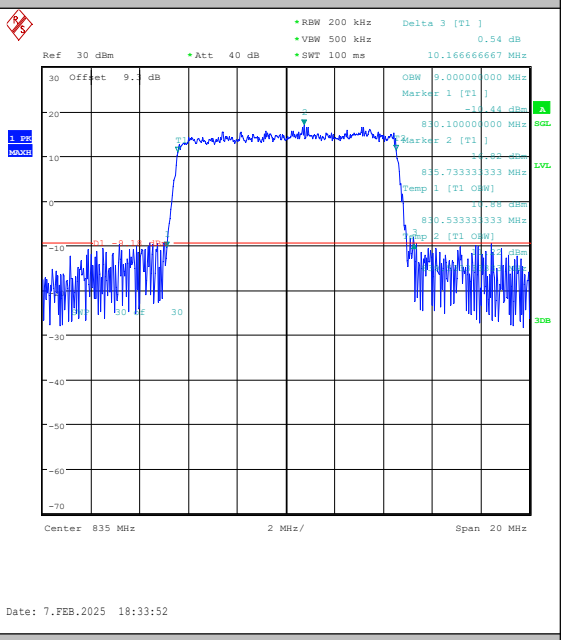
Band19-5MHz-QPSK-24125-25RB#0-PASS



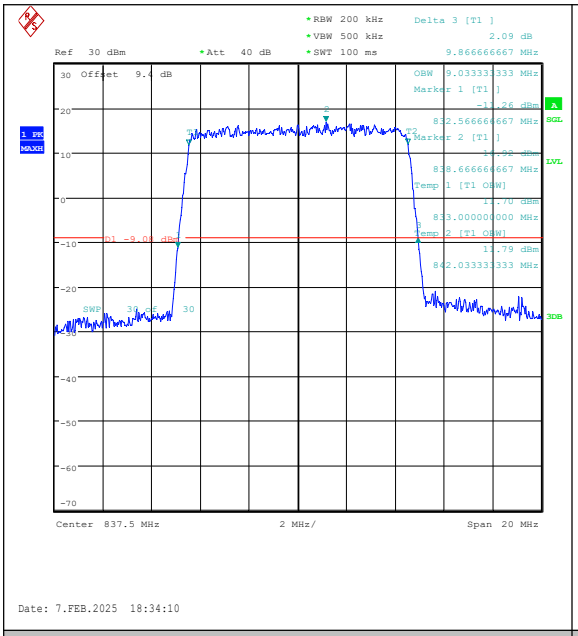
Band19-5MHz-16QAM-24125-25RB#0-PASS



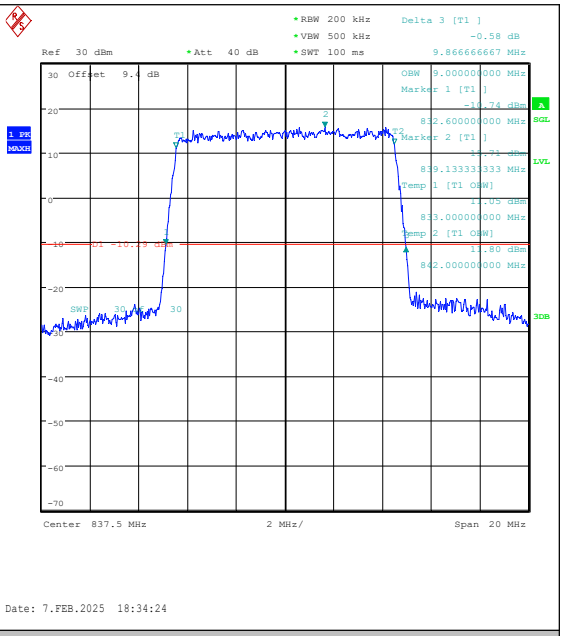
Band19-10MHz-QPSK-24050-50RB#0-PASS



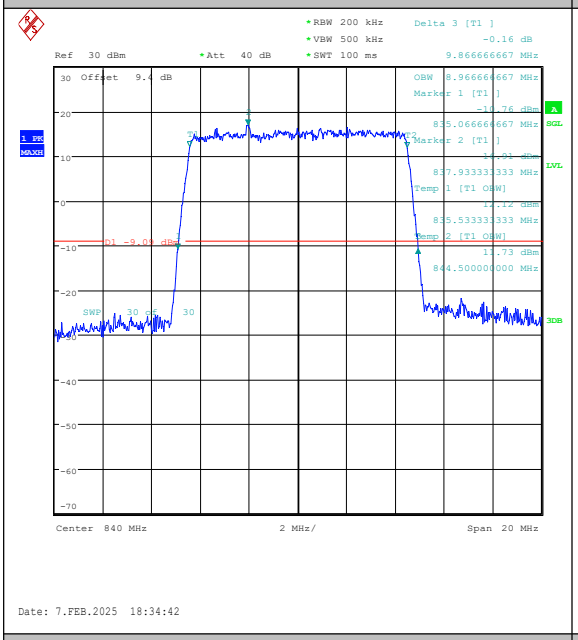
Band19-10MHz-16QAM-24050-50RB#0-PASS



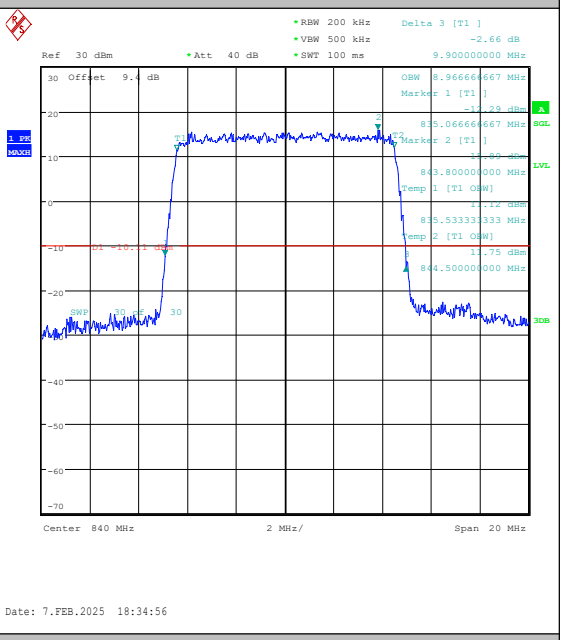
Band19-10MHz-QPSK-24075-50RB#0-PASS



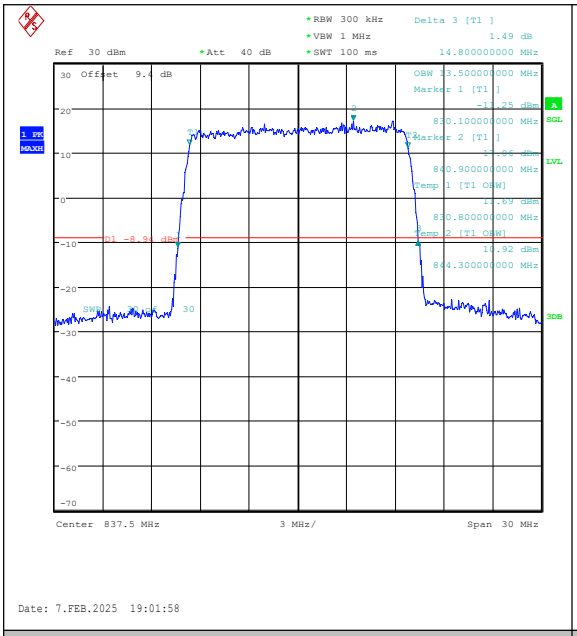
Band19-10MHz-16QAM-24075-50RB#0-PASS



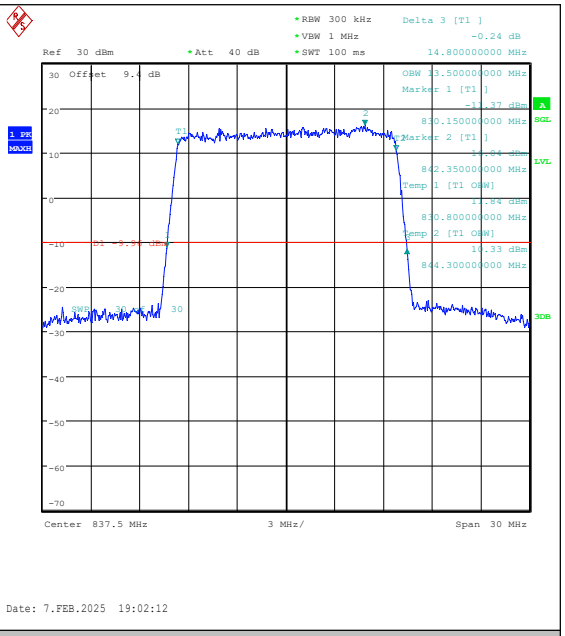
Band19-10MHz-QPSK-24100-50RB#0-PASS



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



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



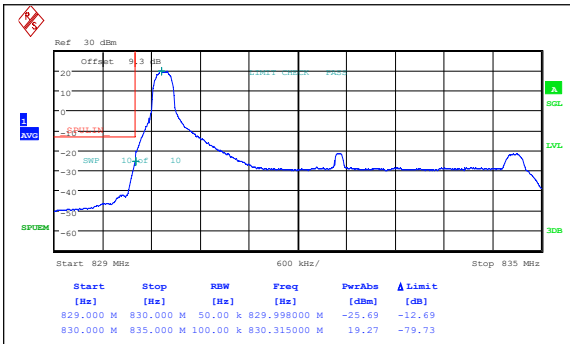
Band19-15MHz-16QAM-24075-75RB#0-PASS

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	-25.69	PASS
Band19	5MHz	QPSK	24025	1RB#24	-43.96	PASS
Band19	5MHz	QPSK	24025	25RB#0	-35.37	PASS
Band19	5MHz	16QAM	24025	1RB#0	-26.63	PASS
Band19	5MHz	16QAM	24025	1RB#24	-45.26	PASS
Band19	5MHz	16QAM	24025	25RB#0	-35.80	PASS
Band19	5MHz	QPSK	24125	1RB#0	-44.13	PASS
Band19	5MHz	QPSK	24125	1RB#24	-25.36	PASS
Band19	5MHz	QPSK	24125	25RB#0	-36.95	PASS
Band19	5MHz	16QAM	24125	1RB#0	-45.05	PASS
Band19	5MHz	16QAM	24125	1RB#24	-26.43	PASS
Band19	5MHz	16QAM	24125	25RB#0	-37.10	PASS
Band19	10MHz	QPSK	24050	1RB#0	-28.30	PASS
Band19	10MHz	QPSK	24050	1RB#49	-44.75	PASS
Band19	10MHz	QPSK	24050	50RB#0	-37.23	PASS
Band19	10MHz	16QAM	24050	1RB#0	-29.49	PASS
Band19	10MHz	16QAM	24050	1RB#49	-44.95	PASS
Band19	10MHz	16QAM	24050	50RB#0	-38.05	PASS
Band19	10MHz	QPSK	24100	1RB#0	-41.69	PASS
Band19	10MHz	QPSK	24100	1RB#49	-26.89	PASS
Band19	10MHz	QPSK	24100	50RB#0	-36.43	PASS
Band19	10MHz	16QAM	24100	1RB#0	-43.66	PASS
Band19	10MHz	16QAM	24100	1RB#49	-28.55	PASS
Band19	10MHz	16QAM	24100	50RB#0	-37.45	PASS
Band19	15MHz	QPSK	24075	1RB#0	-38.01	PASS
Band19	15MHz	QPSK	24075	1RB#74	-29.50	PASS
Band19	15MHz	QPSK	24075	75RB#0	-35.96	PASS
Band19	15MHz	16QAM	24075	1RB#0	-38.95	PASS
Band19	15MHz	16QAM	24075	1RB#74	-30.45	PASS
Band19	15MHz	16QAM	24075	75RB#0	-36.83	PASS

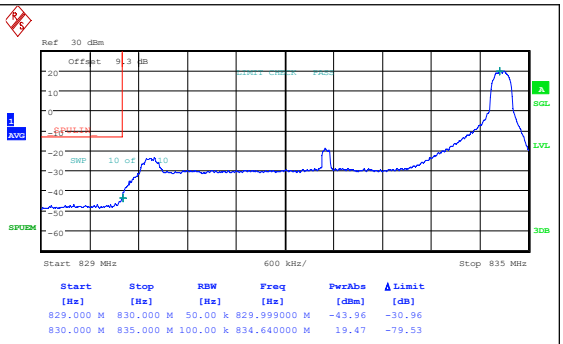
Test Graphs



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
829.000 M	830.000 M	50.00 k	829.998000 M	-25.69	-12.69
830.000 M	835.000 M	100.00 k	830.315000 M	19.27	-79.73

Date: 6.FEB.2025 13:47:31

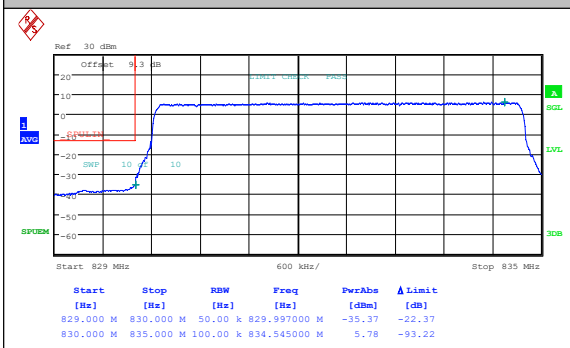
Band19-5MHz-QPSK-24025-1RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
829.000 M	830.000 M	50.00 k	829.999000 M	-43.96	-30.96
830.000 M	835.000 M	100.00 k	834.640000 M	19.47	-79.53

Date: 6.FEB.2025 13:48:09

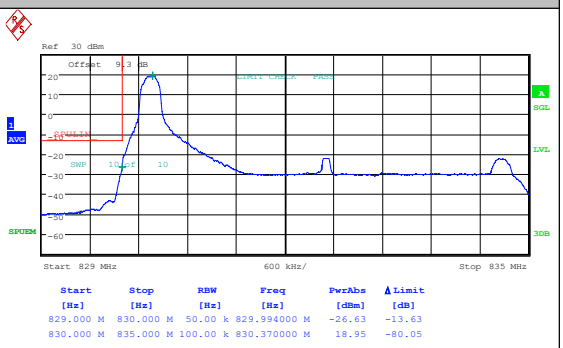
Band19-5MHz-QPSK-24025-1RB#24-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
829.000 M	830.000 M	50.00 k	829.997000 M	-35.37	-22.37
830.000 M	835.000 M	100.00 k	834.545000 M	5.78	-93.22

Date: 6.FEB.2025 13:48:45

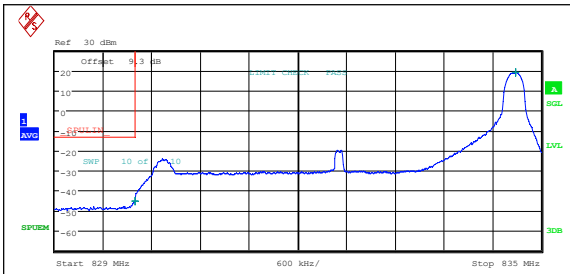
Band19-5MHz-QPSK-24025-25RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
829.000 M	830.000 M	50.00 k	829.994000 M	-26.63	-13.63
830.000 M	835.000 M	100.00 k	830.370000 M	18.95	-80.05

Date: 6.FEB.2025 13:47:49

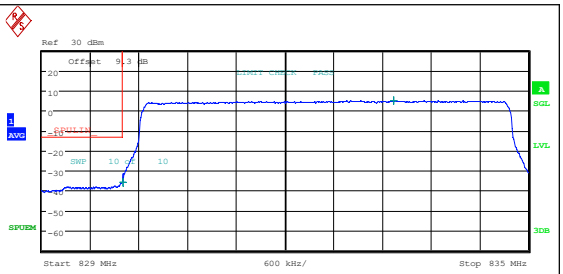
Band19-5MHz-16QAM-24025-1RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
829.000 M	830.000 M	50.00 k	829.992000 M	-45.26	-32.26
830.000 M	835.000 M	100.00 k	834.680000 M	19.02	-79.98

Date: 6.FEB.2025 13:48:26

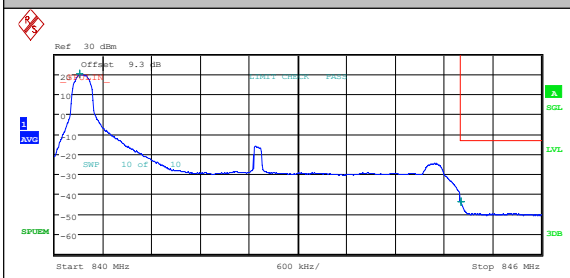
Band19-5MHz-16QAM-24025-1RB#24-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
829.000 M	830.000 M	50.00 k	829.997000 M	-35.80	-22.80
830.000 M	835.000 M	100.00 k	833.335000 M	4.90	-94.10

Date: 6.FEB.2025 13:49:02

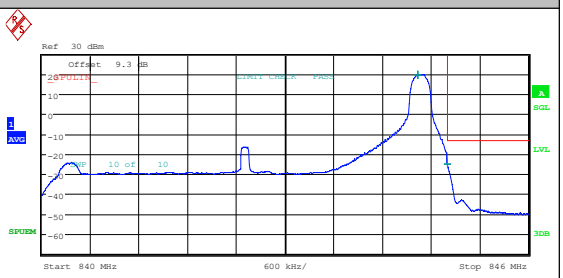
Band19-5MHz-16QAM-24025-25RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
840.000 M	845.000 M	100.00 k	840.305000 M	19.74	-79.26
845.000 M	846.000 M	50.00 k	845.005000 M	-44.13	-31.13

Date: 6.FEB.2025 13:49:23

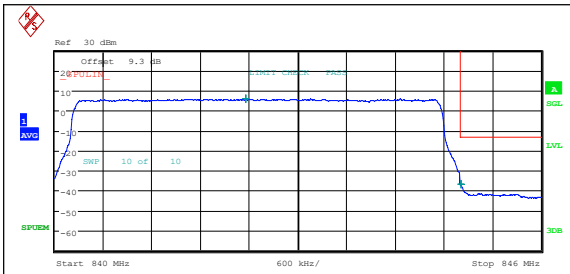
Band19-5MHz-QPSK-24125-1RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
840.000 M	845.000 M	100.00 k	844.630000 M	19.60	-79.40
845.000 M	846.000 M	50.00 k	845.003000 M	-25.36	-12.36

Date: 6.FEB.2025 13:49:59

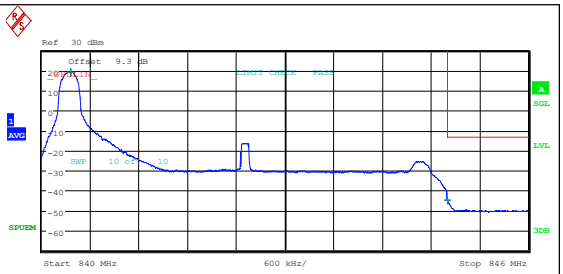
Band19-5MHz-QPSK-24125-1RB#24-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
840.000 M	845.000 M	100.00 k	842.360000 M	5.71	-93.29
845.000 M	846.000 M	50.00 k	845.005000 M	-36.95	-23.95

Date: 6.FEB.2025 13:50:38

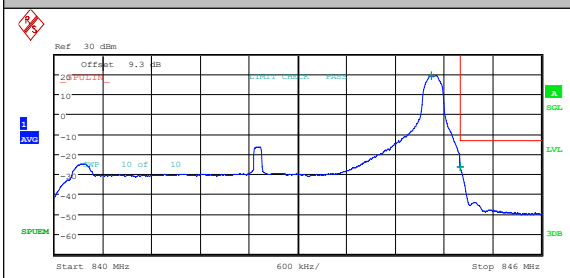
Band19-5MHz-QPSK-24125-25RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
840.000 M	845.000 M	100.00 k	840.360000 M	19.18	-79.82
845.000 M	846.000 M	50.00 k	845.002000 M	-45.05	-32.05

Date: 6.FEB.2025 13:49:40

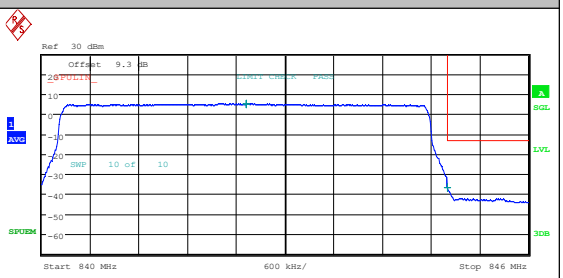
Band19-5MHz-16QAM-24125-1RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
840.000 M	845.000 M	100.00 k	844.645000 M	19.10	-79.90
845.000 M	846.000 M	50.00 k	845.001000 M	-26.43	-13.43

Date: 6.FEB.2025 13:50:16

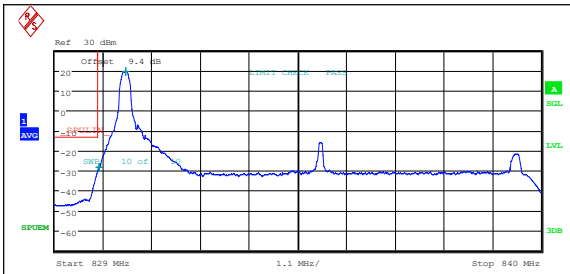
Band19-5MHz-16QAM-24125-1RB#24-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
840.000 M	845.000 M	100.00 k	842.520000 M	5.11	-93.89
845.000 M	846.000 M	50.00 k	845.001000 M	-37.10	-24.10

Date: 6.FEB.2025 13:50:55

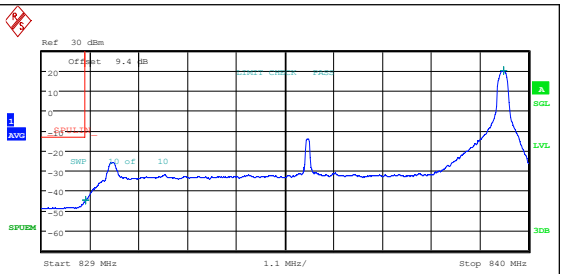
Band19-5MHz-16QAM-24125-25RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
829.000 M	830.000 M	100.00 k	829.999000 M	-28.30	-15.30
830.000 M	840.000 M	100.00 k	830.610000 M	19.54	-79.46

Date: 7.FEB.2025 18:35:22

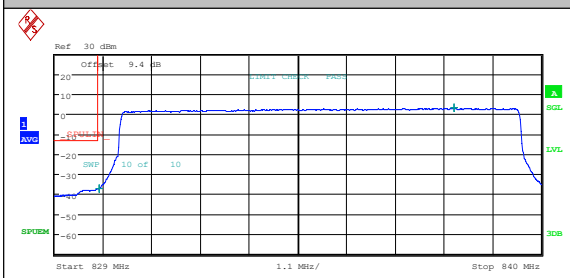
Band19-10MHz-QPSK-24050-1RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
829.000 M	830.000 M	100.00 k	829.989000 M	-44.75	-31.75
830.000 M	840.000 M	100.00 k	839.440000 M	19.77	-79.23

Date: 7.FEB.2025 18:35:59

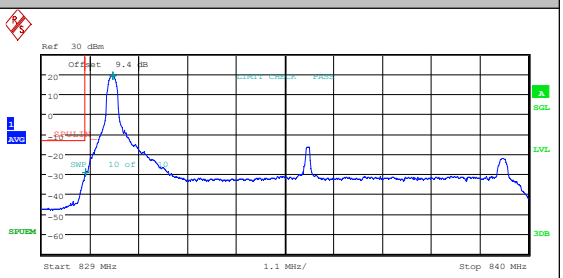
Band19-10MHz-QPSK-24050-1RB#49-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
829.000 M	830.000 M	100.00 k	829.996000 M	-37.23	-24.23
830.000 M	840.000 M	100.00 k	838.020000 M	2.83	-96.17

Date: 7.FEB.2025 18:36:37

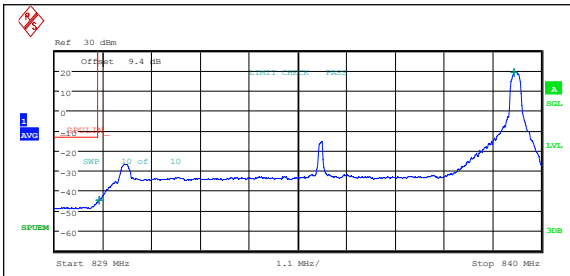
Band19-10MHz-QPSK-24050-50RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
829.000 M	830.000 M	100.00 k	829.988000 M	-29.49	-16.49
830.000 M	840.000 M	100.00 k	830.610000 M	19.13	-79.87

Date: 7.FEB.2025 18:35:39

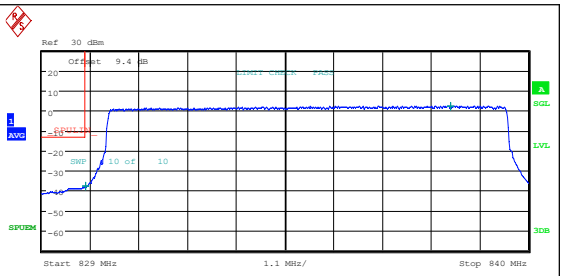
Band19-10MHz-16QAM-24050-1RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
829.000 M	830.000 M	100.00 k	829.998000 M	-44.95	-31.95
830.000 M	840.000 M	100.00 k	839.380000 M	19.06	-79.94

Date: 7.FEB.2025 18:36:17

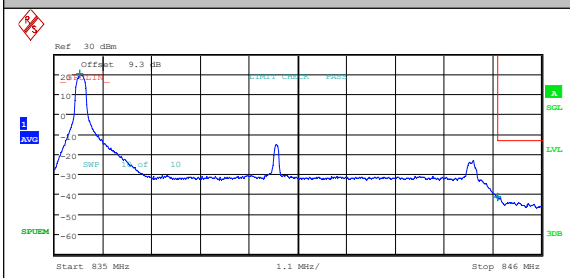
Band19-10MHz-16QAM-24050-1RB#49-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
829.000 M	830.000 M	100.00 k	829.988000 M	-38.05	-25.05
830.000 M	840.000 M	100.00 k	838.230000 M	2.30	-96.70

Date: 7.FEB.2025 18:36:55

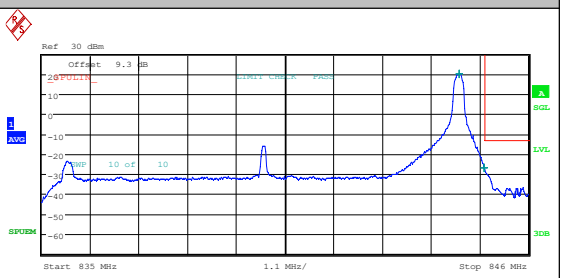
Band19-10MHz-16QAM-24050-50RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
835.000 M	845.000 M	100.00 k	835.570000 M	19.69	-79.31
845.000 M	846.000 M	100.00 k	845.007000 M	-41.69	-28.69

Date: 7.FEB.2025 18:37:16

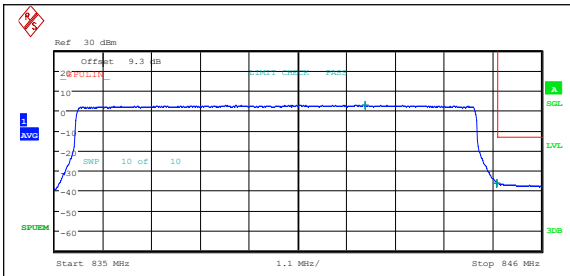
Band19-10MHz-QPSK-24100-1RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
835.000 M	845.000 M	100.00 k	844.430000 M	19.87	-79.13
845.000 M	846.000 M	100.00 k	845.004000 M	-26.89	-13.89

Date: 7.FEB.2025 18:37:54

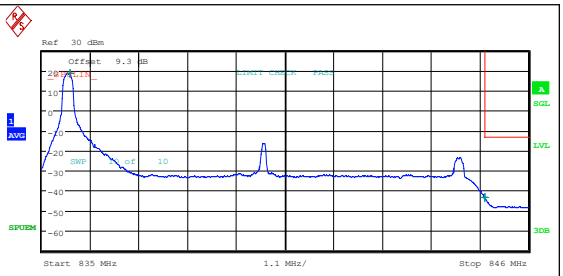
Band19-10MHz-QPSK-24100-1RB#49-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
835.000 M	845.000 M	100.00 k	842.020000 M	2.64	-96.36
845.000 M	846.000 M	100.00 k	845.004000 M	-36.43	-23.43

Date: 7.FEB.2025 18:38:31

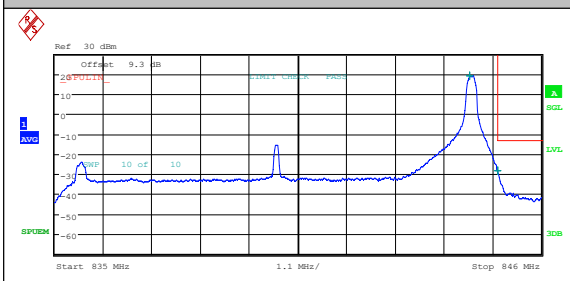
Band19-10MHz-QPSK-24100-50RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
835.000 M	845.000 M	100.00 k	835.630000 M	18.62	-80.38
845.000 M	846.000 M	100.00 k	845.006000 M	-43.66	-30.66

Date: 7.FEB.2025 18:37:34

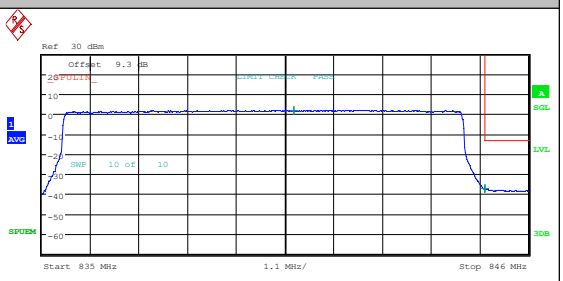
Band19-10MHz-16QAM-24100-1RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
835.000 M	845.000 M	100.00 k	844.370000 M	18.94	-80.06
845.000 M	846.000 M	100.00 k	845.010000 M	-28.55	-15.55

Date: 7.FEB.2025 18:38:11

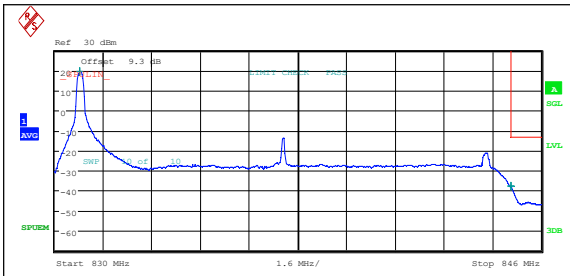
Band19-10MHz-16QAM-24100-1RB#49-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
835.000 M	845.000 M	100.00 k	840.690000 M	1.83	-97.17
845.000 M	846.000 M	100.00 k	845.005000 M	-37.45	-24.45

Date: 7.FEB.2025 18:38:49

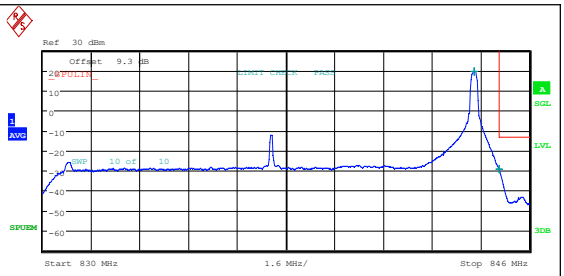
Band19-10MHz-16QAM-24100-50RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
830.000 M	845.000 M	100.00 k	830.825000 M	19.33	-79.67
845.000 M	846.000 M	150.00 k	845.002000 M	-38.01	-25.01

Date: 7.FEB.2025 19:04:36

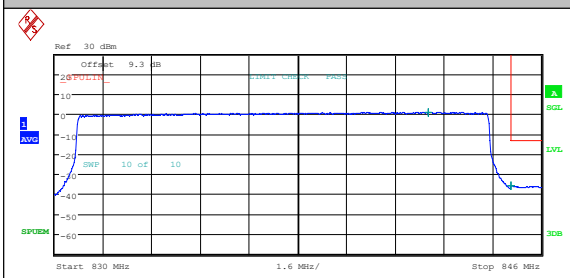
Band19-15MHz-QPSK-24075-1RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
830.000 M	845.000 M	100.00 k	844.175000 M	19.59	-79.41
845.000 M	846.000 M	150.00 k	845.003000 M	-29.50	-16.50

Date: 7.FEB.2025 19:05:15

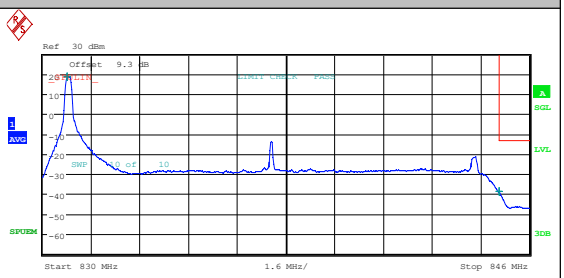
Band19-15MHz-QPSK-24075-1RB#74-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
830.000 M	845.000 M	100.00 k	842.285000 M	0.81	-98.19
845.000 M	846.000 M	150.00 k	845.012000 M	-35.96	-22.96

Date: 7.FEB.2025 19:05:54

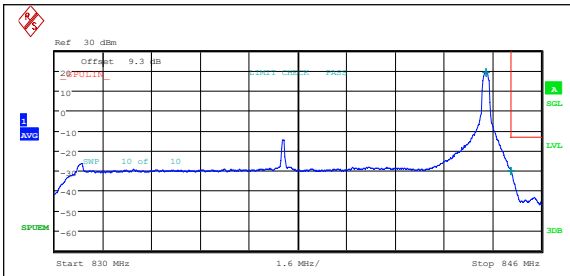
Band19-15MHz-QPSK-24075-75RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
830.000 M	845.000 M	100.00 k	830.795000 M	18.54	-80.46
845.000 M	846.000 M	150.00 k	845.002000 M	-38.95	-25.95

Date: 7.FEB.2025 19:04:55

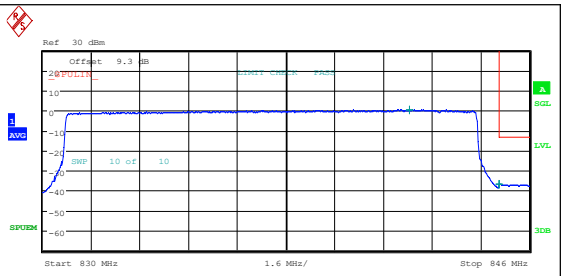
Band19-15MHz-16QAM-24075-1RB#0-PASS



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Limit [dB]
830.000 M	845.000 M	100.00 k	844.190000 M	18.98	-80.02
845.000 M	846.000 M	150.00 k	845.003000 M	-30.45	-17.45

Date: 7.FEB.2025 19:05:34

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Limit [dB]
830.000 M	845.000 M	100.00 k	842.045000 M	0.16	-98.84
845.000 M	846.000 M	150.00 k	845.002000 M	-36.83	-23.83

Date: 7.FEB.2025 19:06:14

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

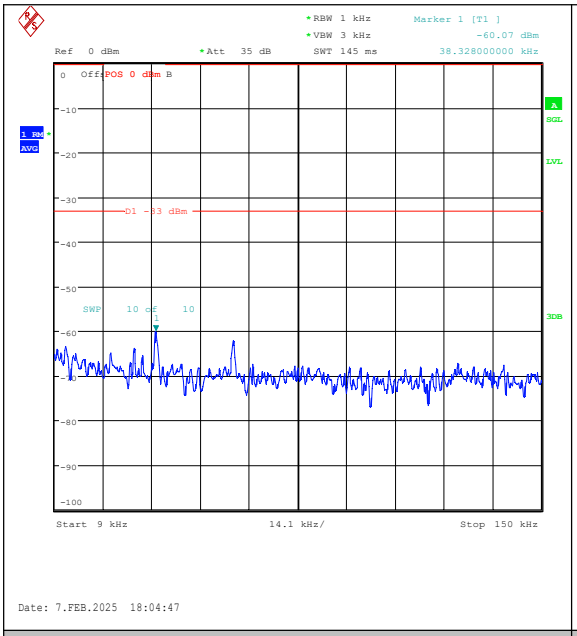
Appendix E: Conducted Spurious Emission

Test Result

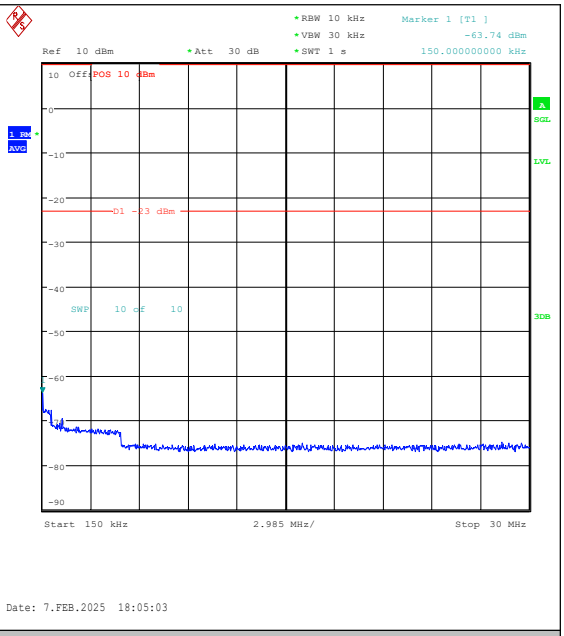
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	0.009~0.15	-60.07	PASS
Band19	5MHz	QPSK	24025	1RB#0	0.15~30	-63.74	PASS
Band19	5MHz	QPSK	24025	1RB#0	30~1000	-47.51	PASS
Band19	5MHz	QPSK	24025	1RB#0	1000~3000	-43.78	PASS
Band19	5MHz	QPSK	24025	1RB#0	3000~10000	-46.32	PASS
Band19	5MHz	16QAM	24025	1RB#0	0.009~0.15	-58.49	PASS
Band19	5MHz	16QAM	24025	1RB#0	0.15~30	-64.05	PASS
Band19	5MHz	16QAM	24025	1RB#0	30~1000	-47.82	PASS
Band19	5MHz	16QAM	24025	1RB#0	1000~3000	-44.59	PASS
Band19	5MHz	16QAM	24025	1RB#0	3000~10000	-46.38	PASS
Band19	5MHz	QPSK	24075	1RB#0	0.009~0.15	-62.65	PASS
Band19	5MHz	QPSK	24075	1RB#0	0.15~30	-63.43	PASS
Band19	5MHz	QPSK	24075	1RB#0	30~1000	-48.67	PASS
Band19	5MHz	QPSK	24075	1RB#0	1000~3000	-42.98	PASS
Band19	5MHz	QPSK	24075	1RB#0	3000~10000	-46.53	PASS
Band19	5MHz	16QAM	24075	1RB#0	0.009~0.15	-58.69	PASS
Band19	5MHz	16QAM	24075	1RB#0	0.15~30	-63.29	PASS
Band19	5MHz	16QAM	24075	1RB#0	30~1000	-47.17	PASS
Band19	5MHz	16QAM	24075	1RB#0	1000~3000	-44.25	PASS
Band19	5MHz	16QAM	24075	1RB#0	3000~10000	-46.51	PASS
Band19	5MHz	QPSK	24125	1RB#0	0.009~0.15	-63.25	PASS
Band19	5MHz	QPSK	24125	1RB#0	0.15~30	-63.54	PASS
Band19	5MHz	QPSK	24125	1RB#0	30~1000	-47.70	PASS
Band19	5MHz	QPSK	24125	1RB#0	1000~3000	-44.37	PASS
Band19	5MHz	QPSK	24125	1RB#0	3000~10000	-46.71	PASS
Band19	5MHz	16QAM	24125	1RB#0	0.009~0.15	-63.83	PASS
Band19	5MHz	16QAM	24125	1RB#0	0.15~30	-63.60	PASS
Band19	5MHz	16QAM	24125	1RB#0	30~1000	-50.25	PASS
Band19	5MHz	16QAM	24125	1RB#0	1000~3000	-45.14	PASS
Band19	5MHz	16QAM	24125	1RB#0	3000~10000	-46.66	PASS
Band19	10MHz	QPSK	24050	1RB#0	0.009~0.15	-62.92	PASS
Band19	10MHz	QPSK	24050	1RB#0	0.15~30	-63.82	PASS
Band19	10MHz	QPSK	24050	1RB#0	30~1000	-49.46	PASS
Band19	10MHz	QPSK	24050	1RB#0	1000~3000	-42.58	PASS
Band19	10MHz	QPSK	24050	1RB#0	3000~10000	-46.85	PASS
Band19	10MHz	16QAM	24050	1RB#0	0.009~0.15	-61.08	PASS

Band19	10MHz	16QAM	24050	1RB#0	0.15~30	-64.04	PASS
Band19	10MHz	16QAM	24050	1RB#0	30~1000	-49.54	PASS
Band19	10MHz	16QAM	24050	1RB#0	1000~3000	-43.40	PASS
Band19	10MHz	16QAM	24050	1RB#0	3000~10000	-46.82	PASS
Band19	10MHz	QPSK	24075	1RB#0	0.009~0.15	-62.49	PASS
Band19	10MHz	QPSK	24075	1RB#0	0.15~30	-63.90	PASS
Band19	10MHz	QPSK	24075	1RB#0	30~1000	-49.45	PASS
Band19	10MHz	QPSK	24075	1RB#0	1000~3000	-42.04	PASS
Band19	10MHz	QPSK	24075	1RB#0	3000~10000	-46.38	PASS
Band19	10MHz	16QAM	24075	1RB#0	0.009~0.15	-62.83	PASS
Band19	10MHz	16QAM	24075	1RB#0	0.15~30	-63.52	PASS
Band19	10MHz	16QAM	24075	1RB#0	30~1000	-49.43	PASS
Band19	10MHz	16QAM	24075	1RB#0	1000~3000	-42.69	PASS
Band19	10MHz	16QAM	24075	1RB#0	3000~10000	-46.33	PASS
Band19	10MHz	QPSK	24100	1RB#0	0.009~0.15	-63.23	PASS
Band19	10MHz	QPSK	24100	1RB#0	0.15~30	-64.34	PASS
Band19	10MHz	QPSK	24100	1RB#0	30~1000	-49.41	PASS
Band19	10MHz	QPSK	24100	1RB#0	1000~3000	-42.09	PASS
Band19	10MHz	QPSK	24100	1RB#0	3000~10000	-46.52	PASS
Band19	10MHz	16QAM	24100	1RB#0	0.009~0.15	-63.38	PASS
Band19	10MHz	16QAM	24100	1RB#0	0.15~30	-63.70	PASS
Band19	10MHz	16QAM	24100	1RB#0	30~1000	-53.98	PASS
Band19	10MHz	16QAM	24100	1RB#0	1000~3000	-42.97	PASS
Band19	10MHz	16QAM	24100	1RB#0	3000~10000	-46.68	PASS
Band19	15MHz	QPSK	24075	1RB#0	0.009~0.15	-63.16	PASS
Band19	15MHz	QPSK	24075	1RB#0	0.15~30	-63.92	PASS
Band19	15MHz	QPSK	24075	1RB#0	30~1000	-49.59	PASS
Band19	15MHz	QPSK	24075	1RB#0	1000~3000	-43.92	PASS
Band19	15MHz	QPSK	24075	1RB#0	3000~10000	-46.71	PASS
Band19	15MHz	16QAM	24075	1RB#0	0.009~0.15	-62.77	PASS
Band19	15MHz	16QAM	24075	1RB#0	0.15~30	-63.95	PASS
Band19	15MHz	16QAM	24075	1RB#0	30~1000	-49.56	PASS
Band19	15MHz	16QAM	24075	1RB#0	1000~3000	-44.83	PASS
Band19	15MHz	16QAM	24075	1RB#0	3000~10000	-46.55	PASS

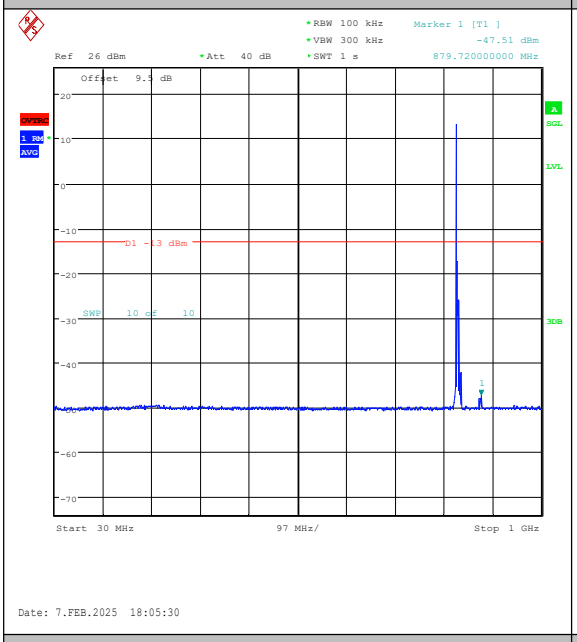
Test Graphs



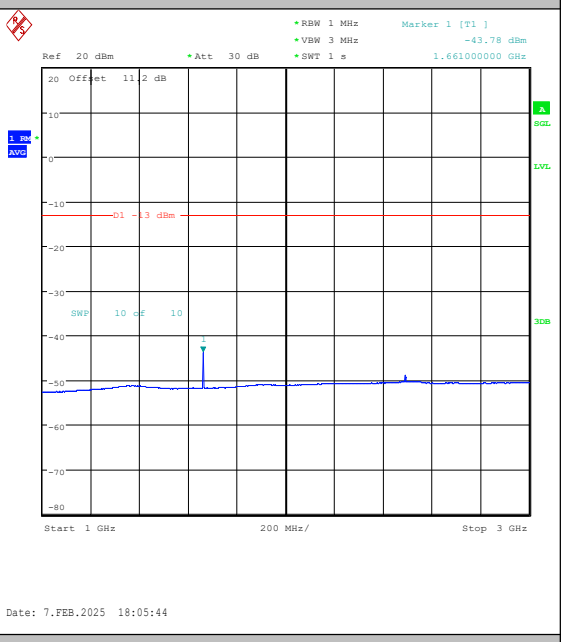
Band19-5MHz-QPSK-24025-1RB#0-0.009~0.15-PASS



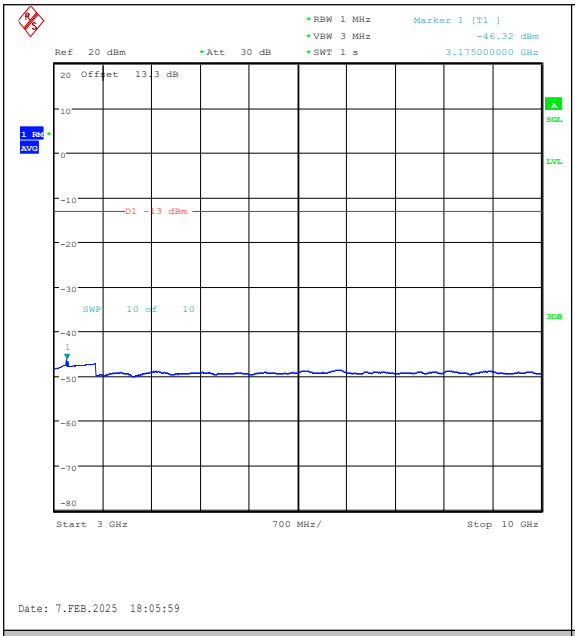
Band19-5MHz-QPSK-24025-1RB#0-0.15~30-PASS



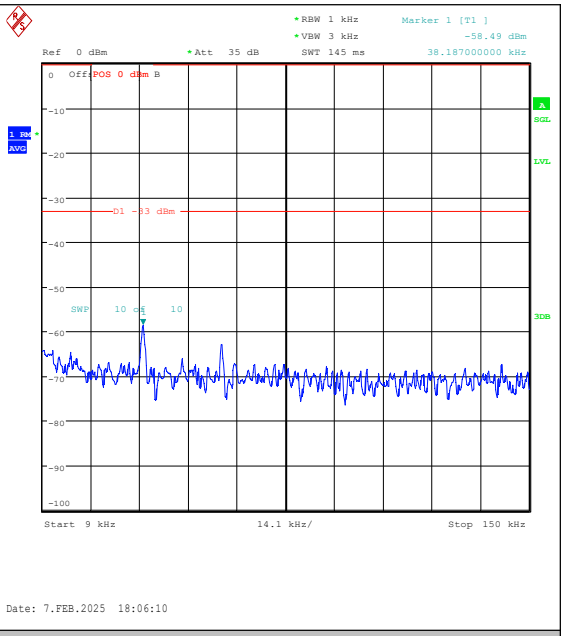
Band19-5MHz-QPSK-24025-1RB#0-30~1000-PASS



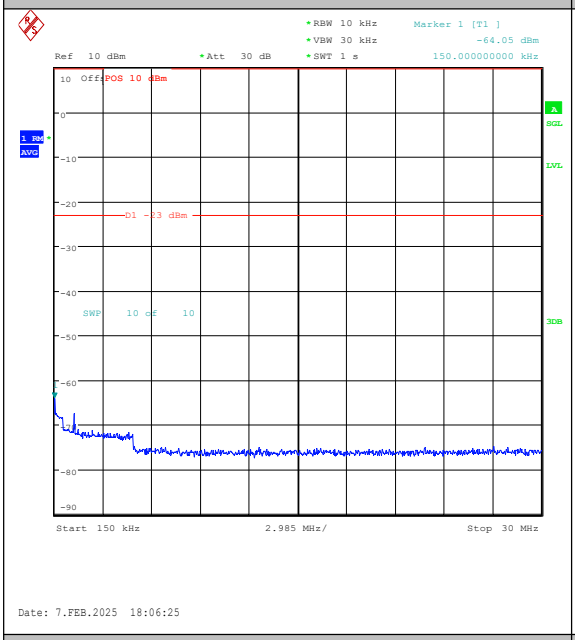
Band19-5MHz-QPSK-24025-1RB#0-1000~3000-PASS



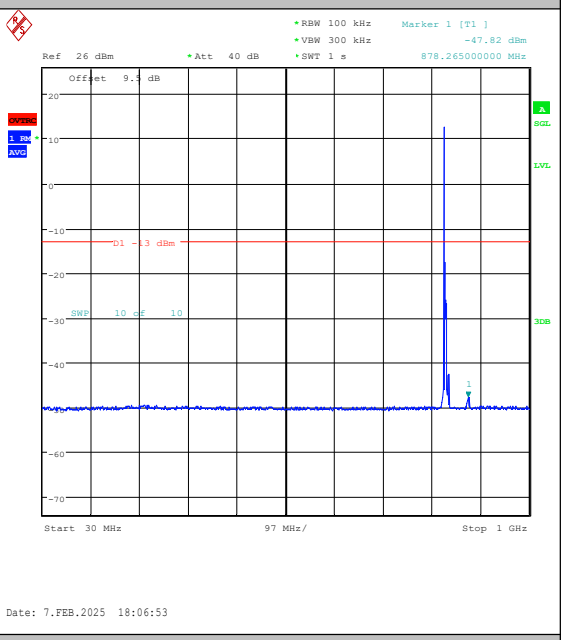
Band19-5MHz-QPSK-24025-1RB#0-3000~10000-PASS



Band19-5MHz-16QAM-24025-1RB#0-0.009~0.15-PASS



Band19-5MHz-16QAM-24025-1RB#0-0.15~30-PASS



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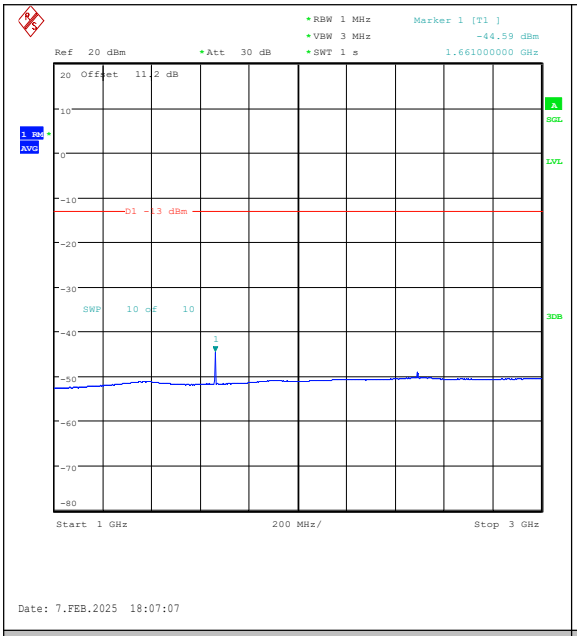

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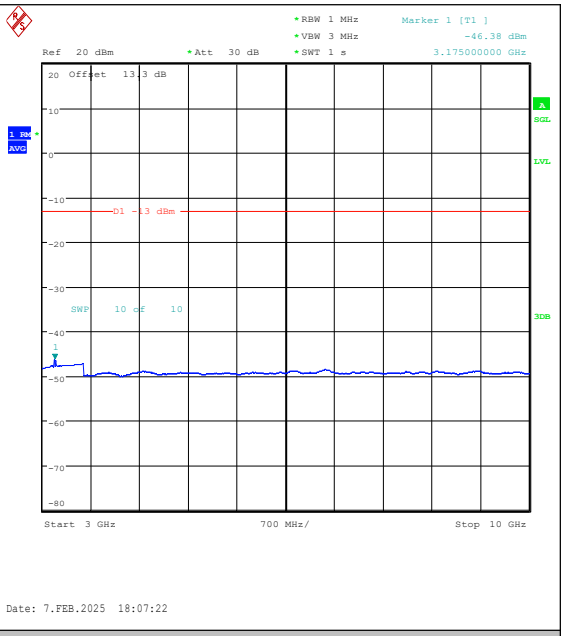

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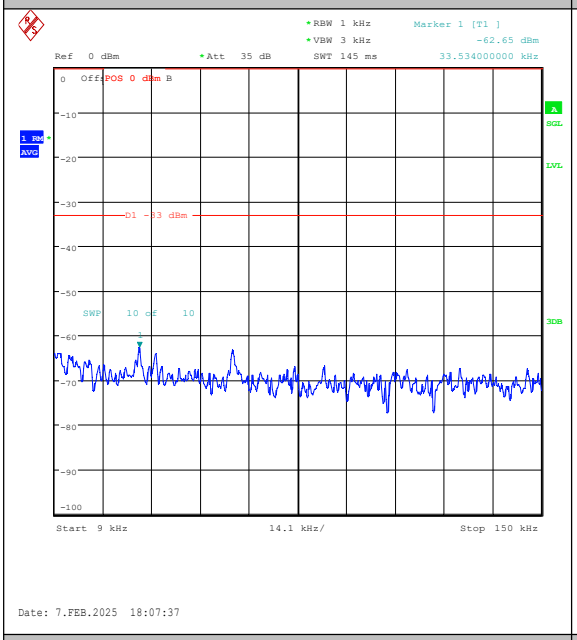
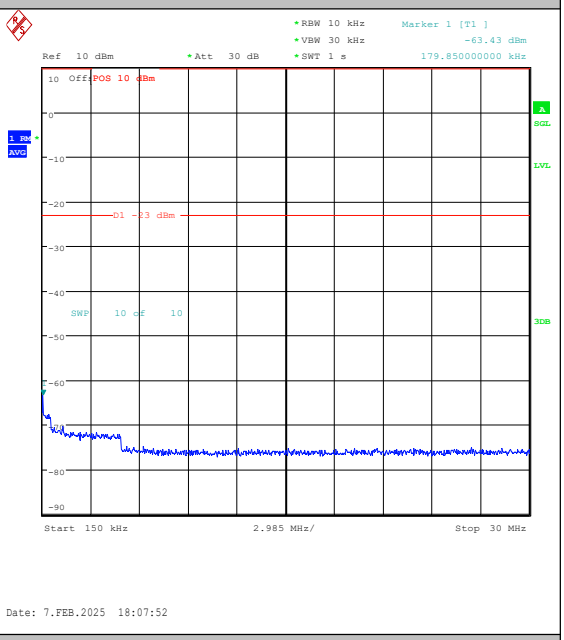
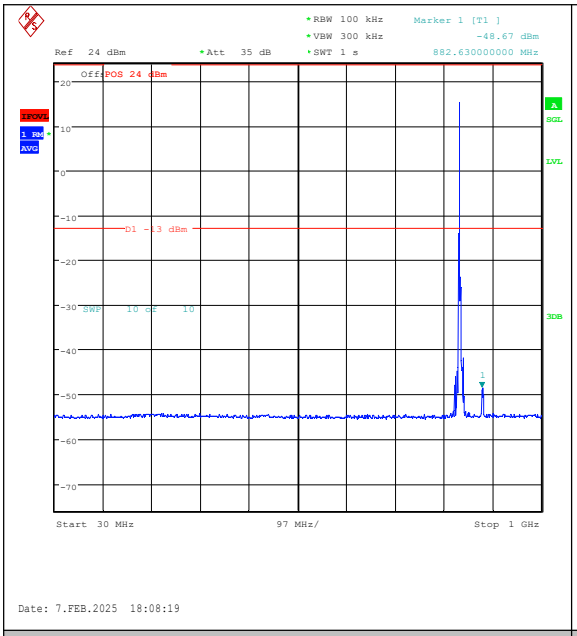


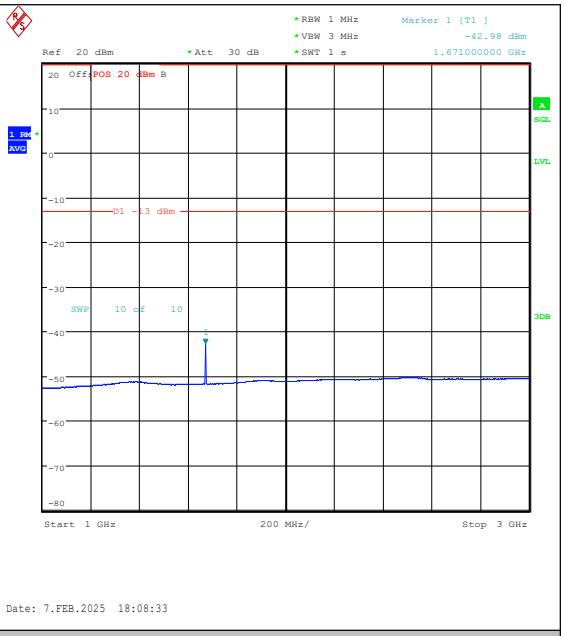
Band19-5MHz-QPSK-24075-1RB#0-0.009~0.15-PASS



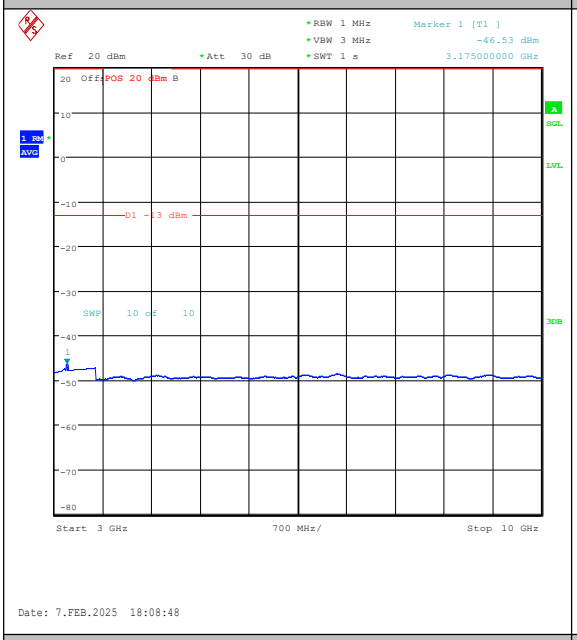
Band19-5MHz-QPSK-24075-1RB#0-0.15~30-PASS



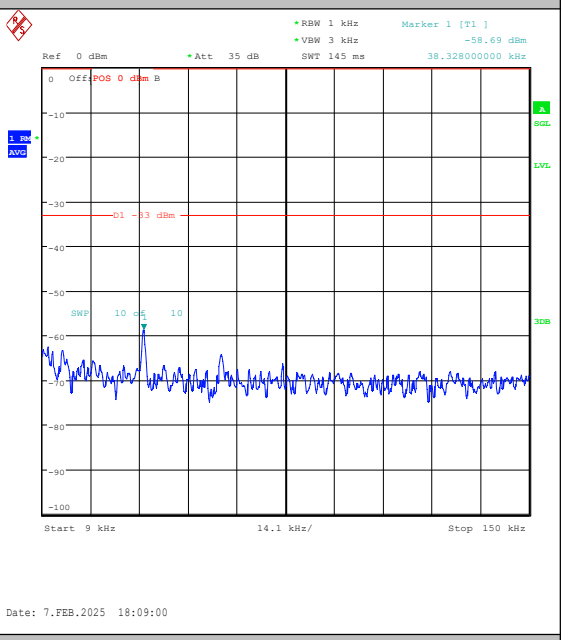
Band19-5MHz-QPSK-24075-1RB#0-30~1000-PASS



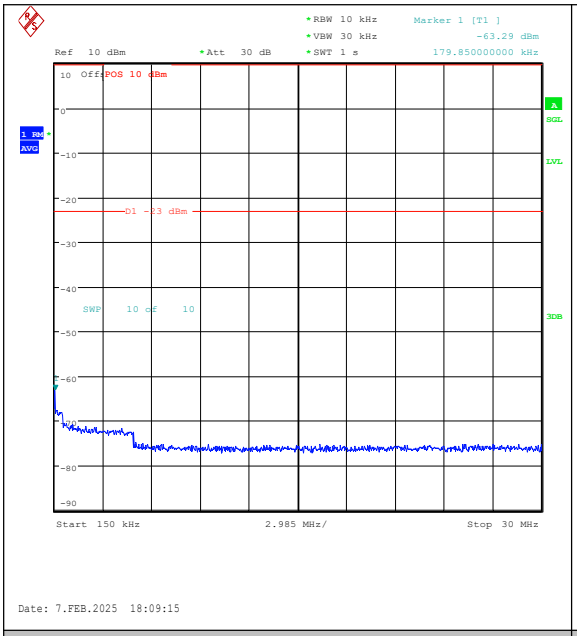
Band19-5MHz-QPSK-24075-1RB#0-1000~3000-PASS



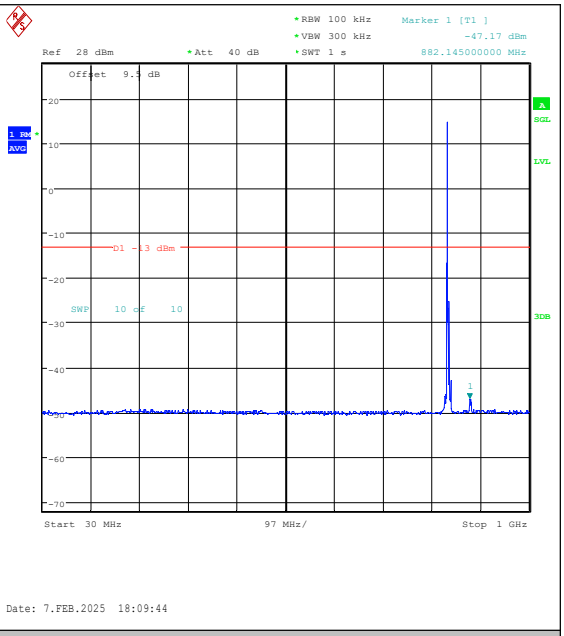
Band19-5MHz-QPSK-24075-1RB#0-3000~10000-PASS



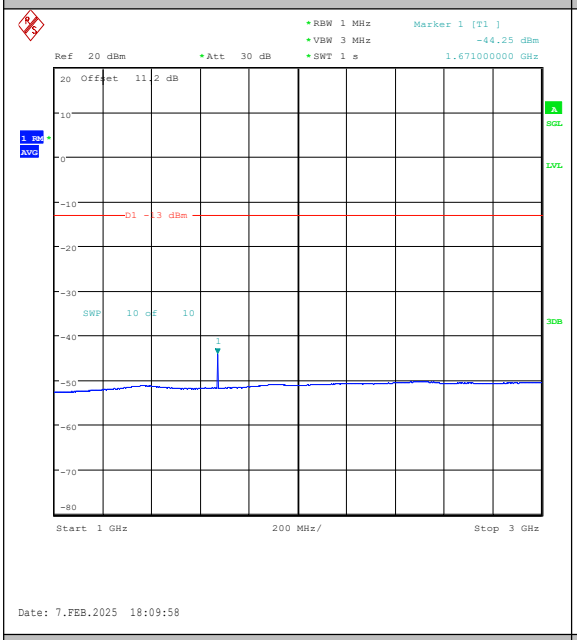
Band19-5MHz-16QAM-24075-1RB#0-0.009~0.15-PASS



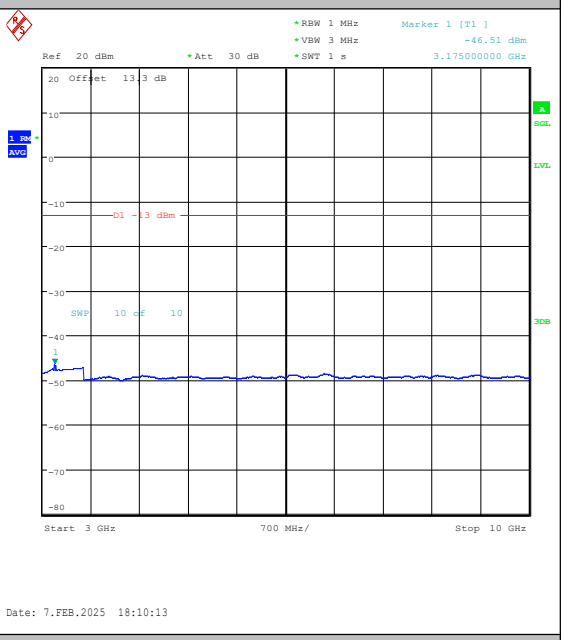
Band19-5MHz-16QAM-24075-1RB#0-0.15~30-PASS



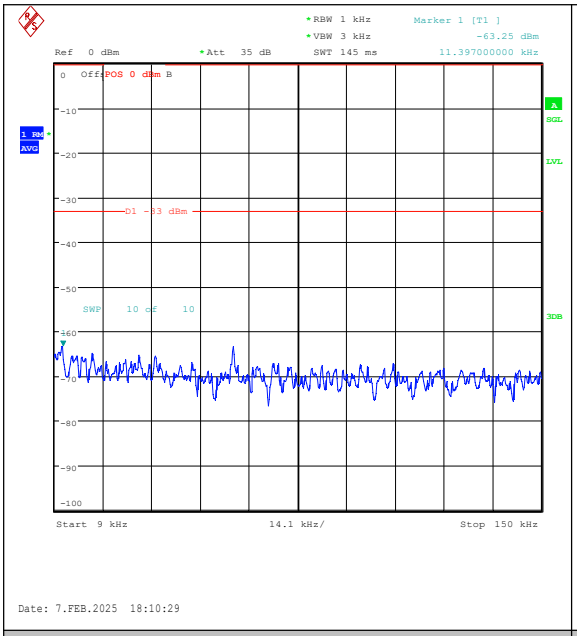
Band19-5MHz-16QAM-24075-1RB#0-30~1000-PASS



Band19-5MHz-16QAM-24075-1RB#0-1000~3000-PASS



Band19-5MHz-16QAM-24075-1RB#0-3000~10000-PASS



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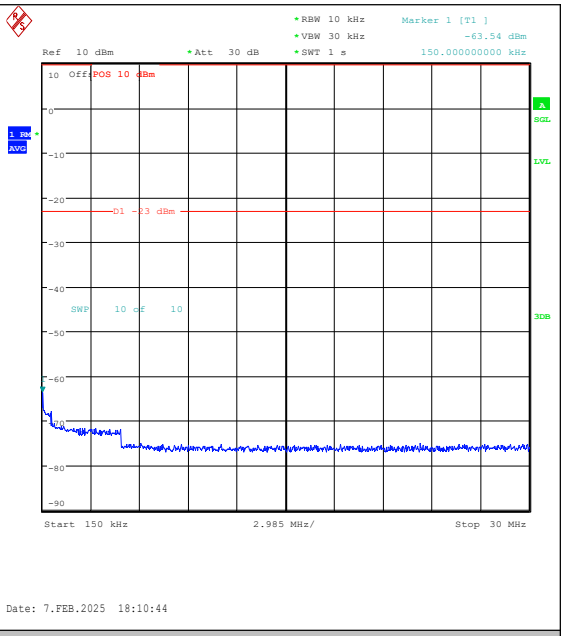

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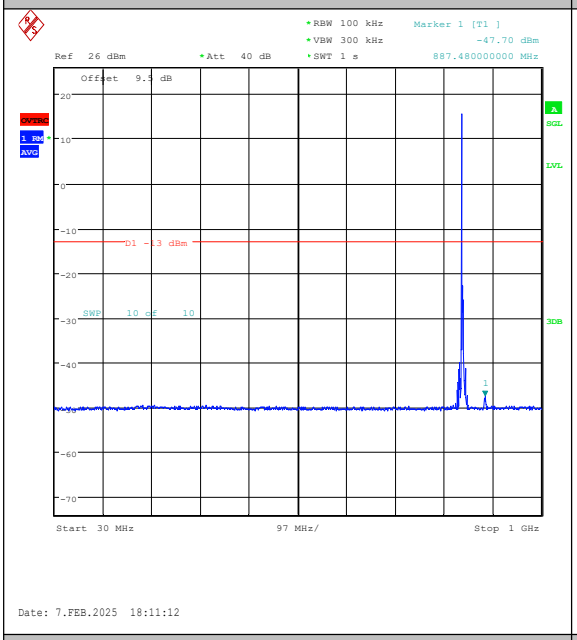

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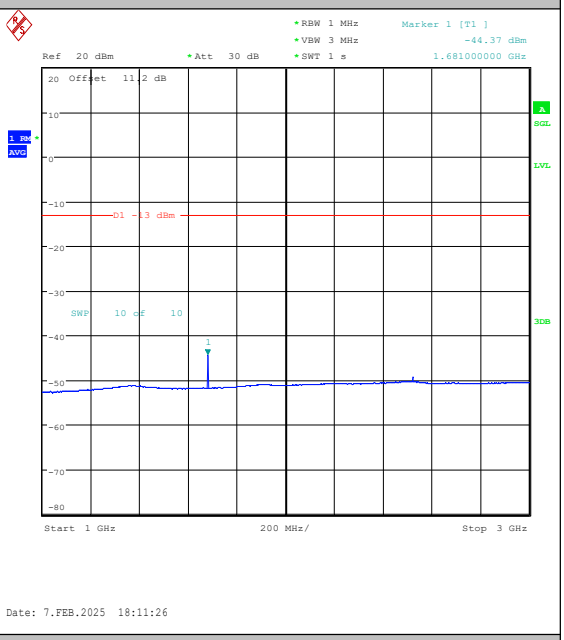

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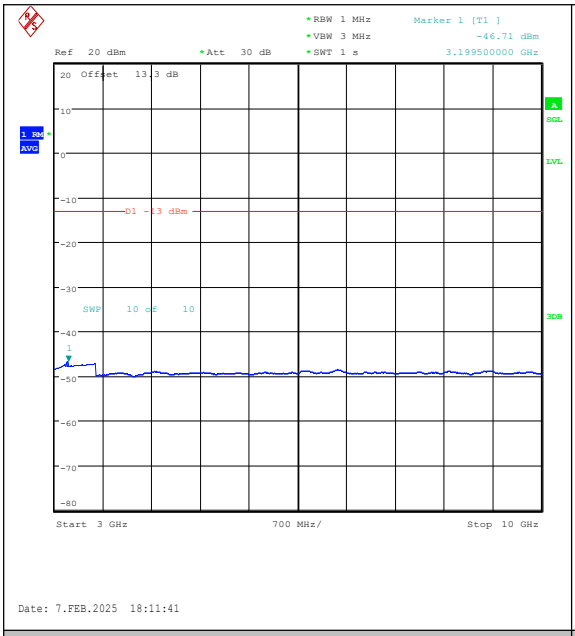
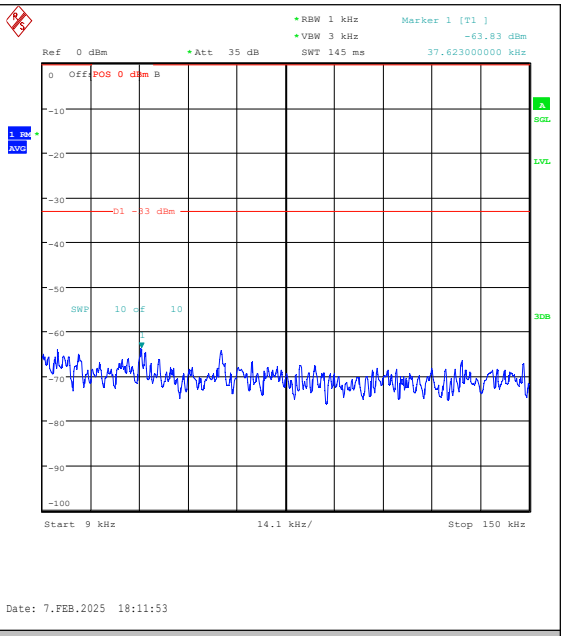
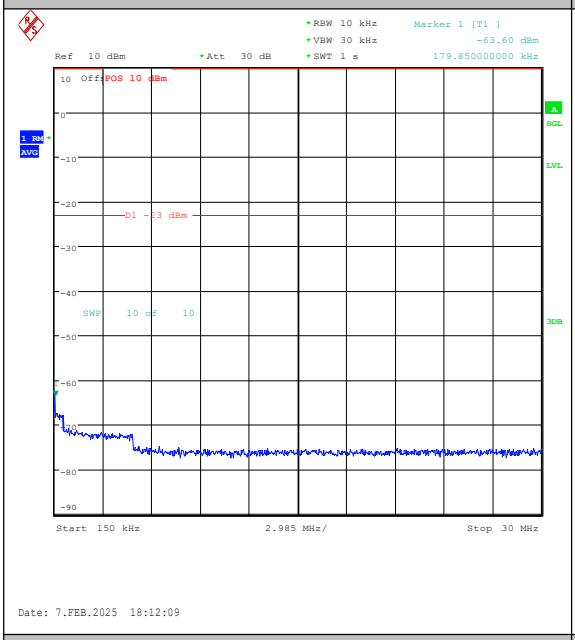


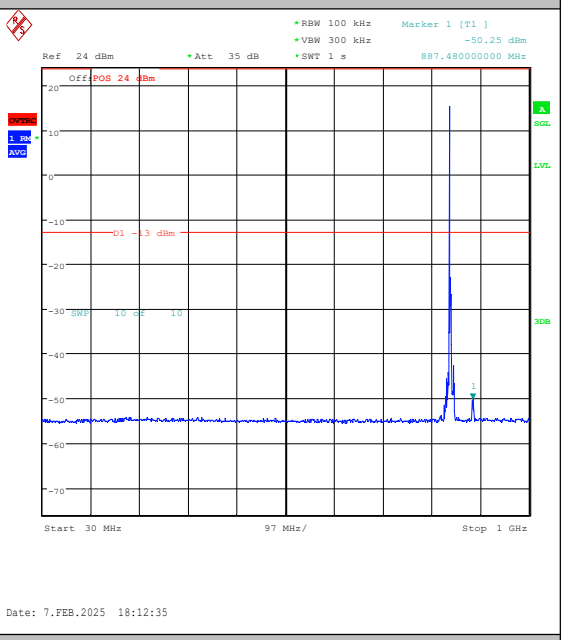
Band19-5MHz-QPSK-24125-1RB#0-3000~10000-PASS



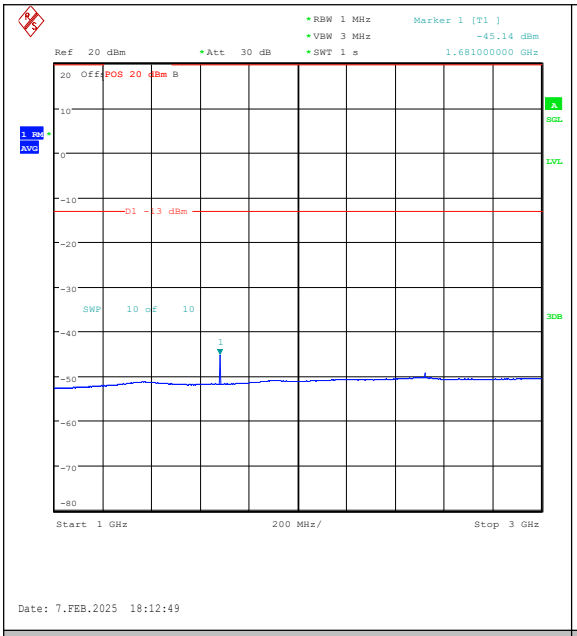
Band19-5MHz-16QAM-24125-1RB#0-0.009~0.15-PASS



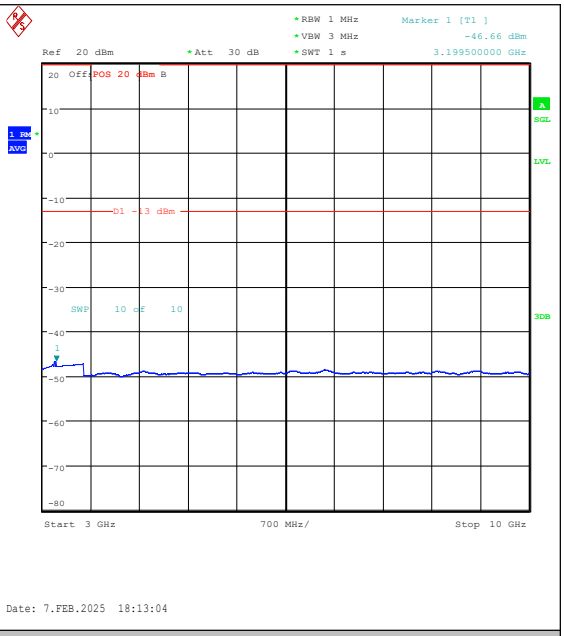
Band19-5MHz-16QAM-24125-1RB#0-0.15~30-PASS



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



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



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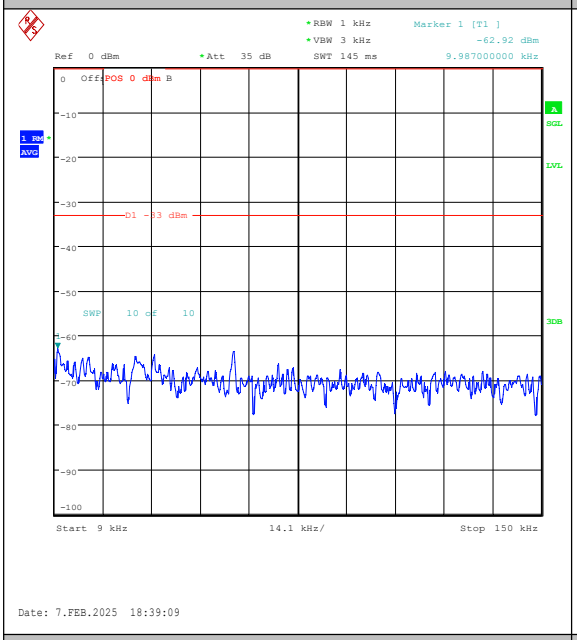

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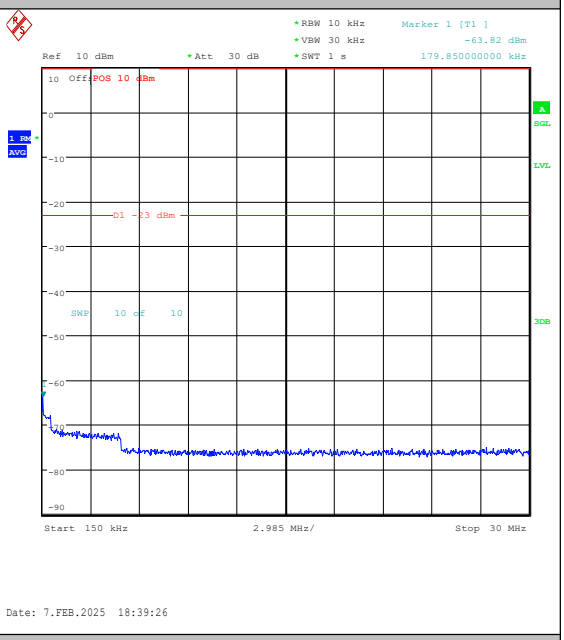
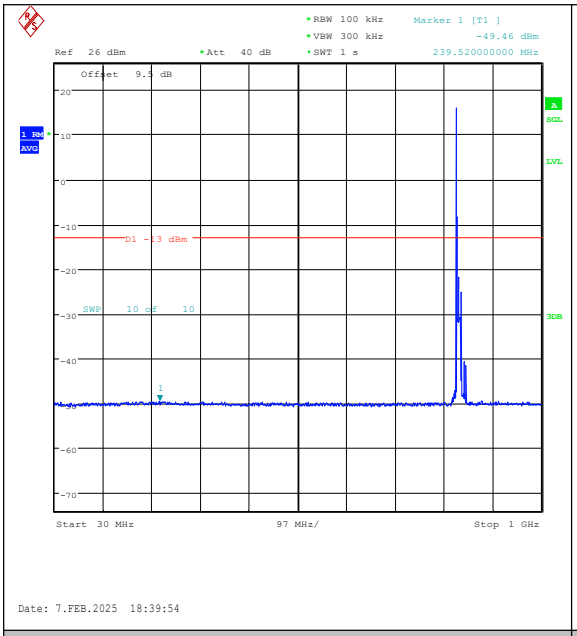
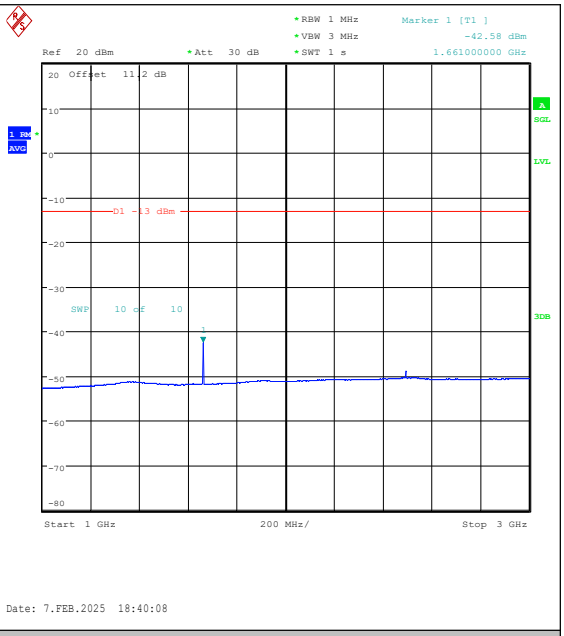


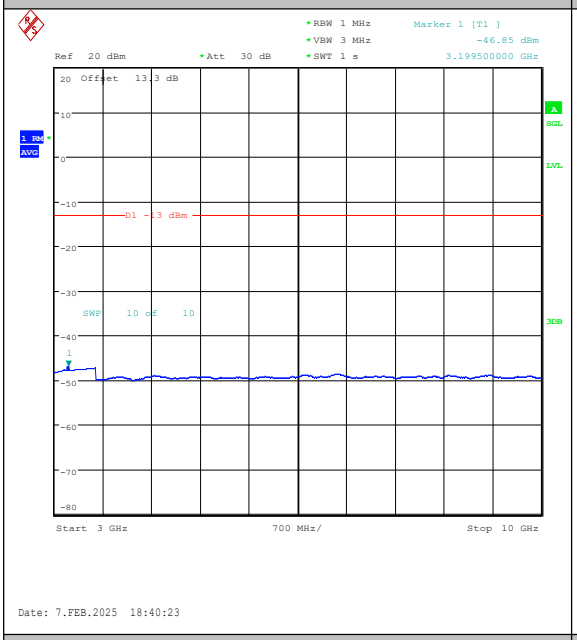
Band19-10MHz-QPSK-24050-1RB#0-0.15~30-PASS



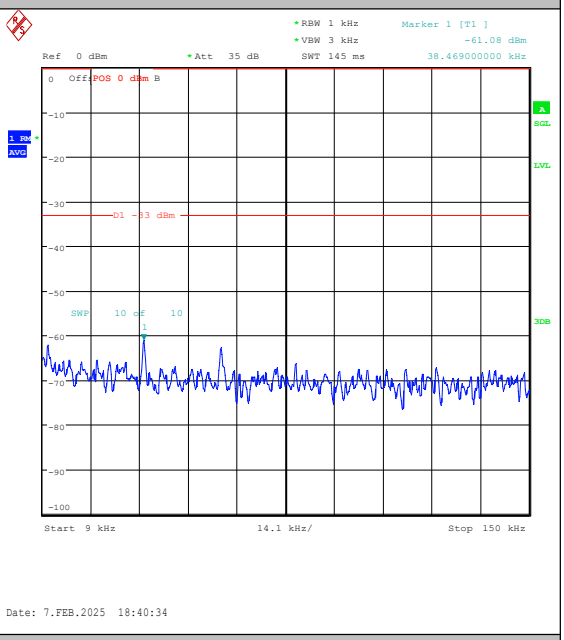
Band19-10MHz-QPSK-24050-1RB#0-30~1000-PASS



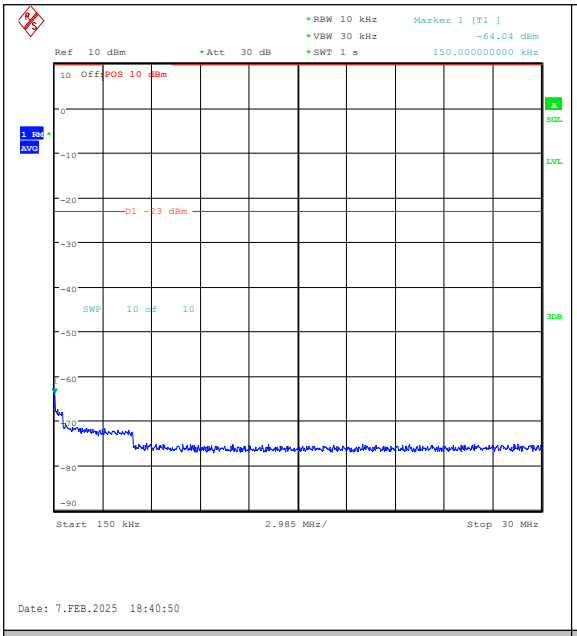
Band19-10MHz-QPSK-24050-1RB#0-1000~3000-PASS



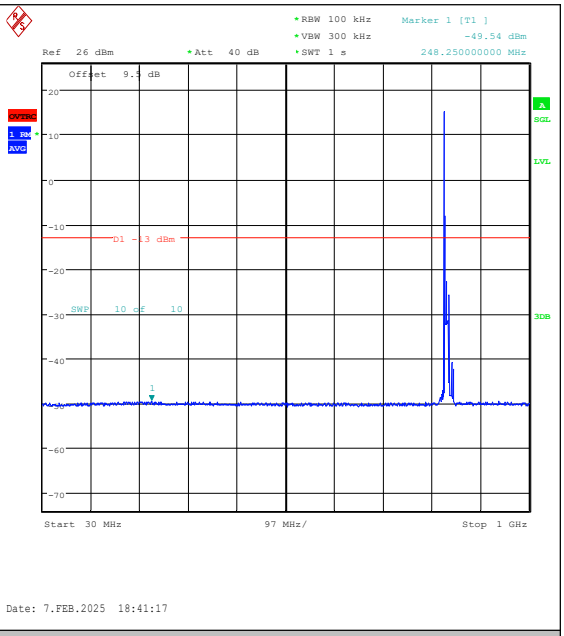
Band19-10MHz-QPSK-24050-1RB#0-3000~10000-PASS



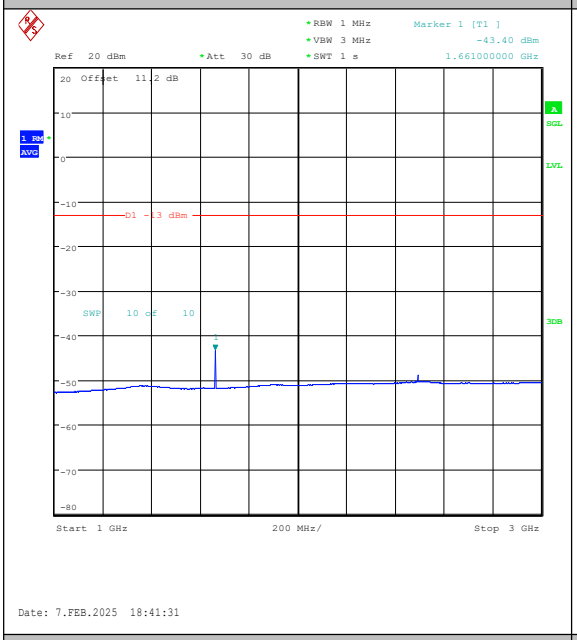
Band19-10MHz-16QAM-24050-1RB#0-0.009~0.15-PASS



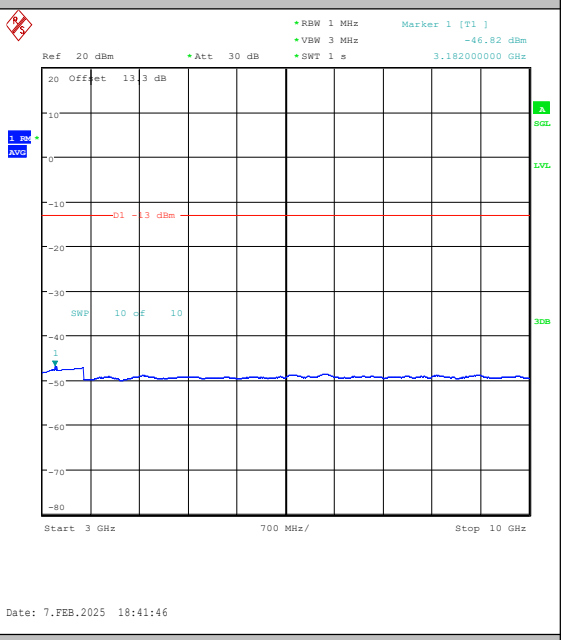
Band19-10MHz-16QAM-24050-1RB#0-0.15~30-PASS



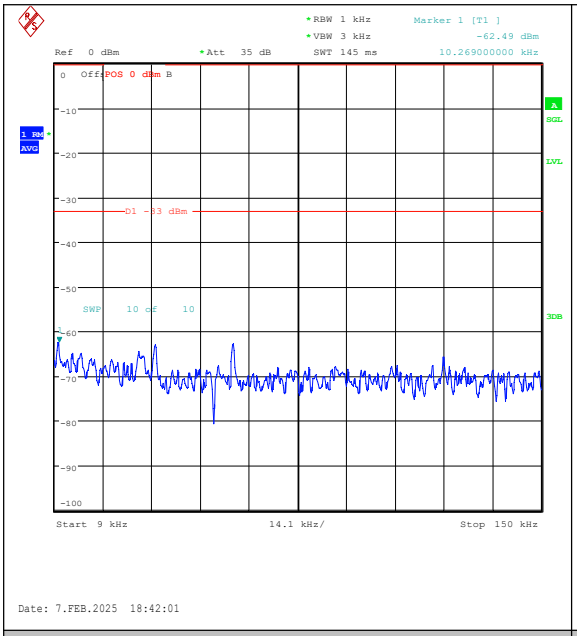
Band19-10MHz-16QAM-24050-1RB#0-30~1000-PASS



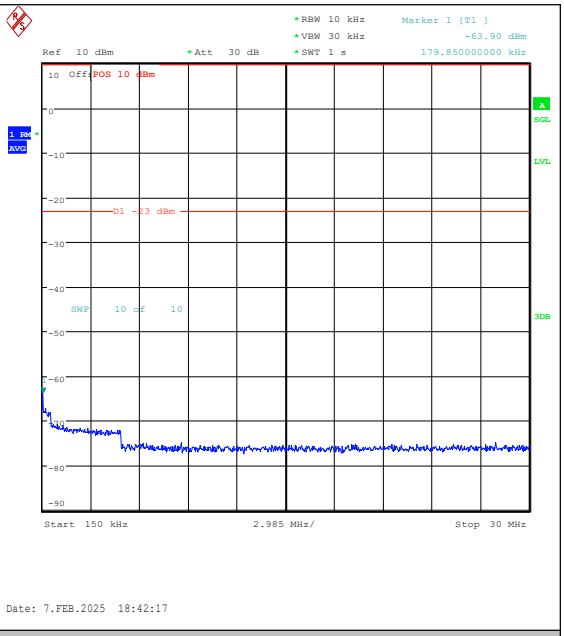
Band19-10MHz-16QAM-24050-1RB#0-1000~3000-PASS



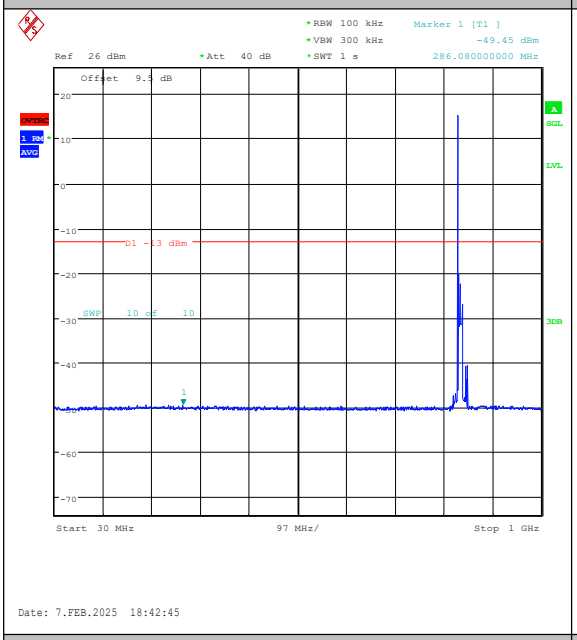
Band19-10MHz-16QAM-24050-1RB#0-3000~10000-PASS



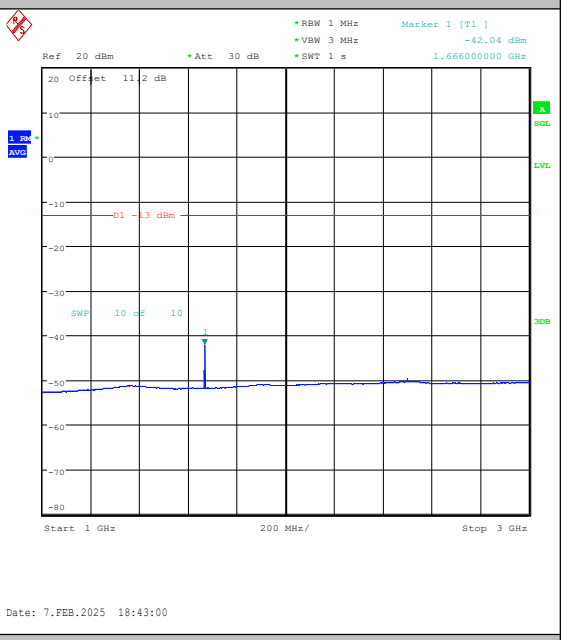
Band19-10MHz-QPSK-24075-1RB#0-0.009~0.15-PASS



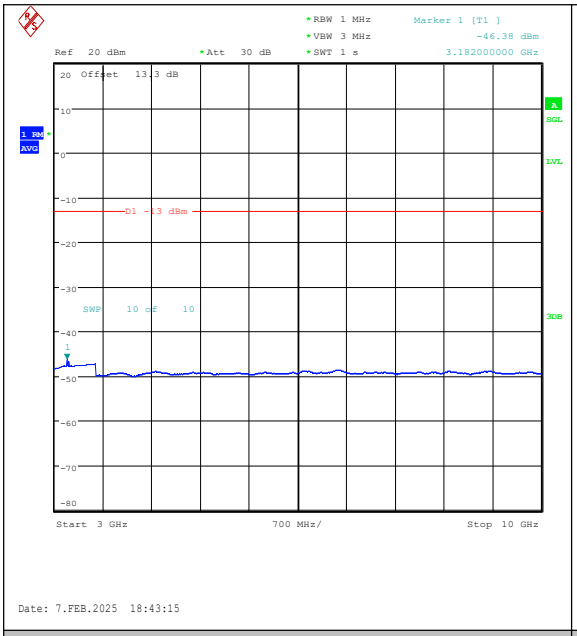
Band19-10MHz-QPSK-24075-1RB#0-0.15~30-PASS



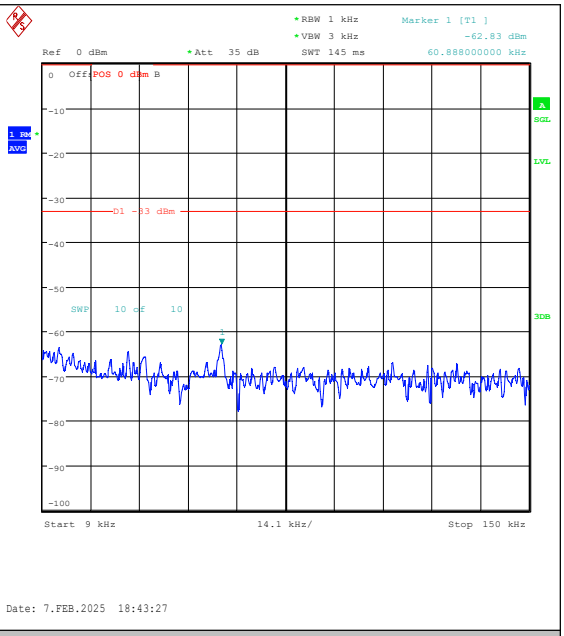
Band19-10MHz-QPSK-24075-1RB#0-30~1000-PASS



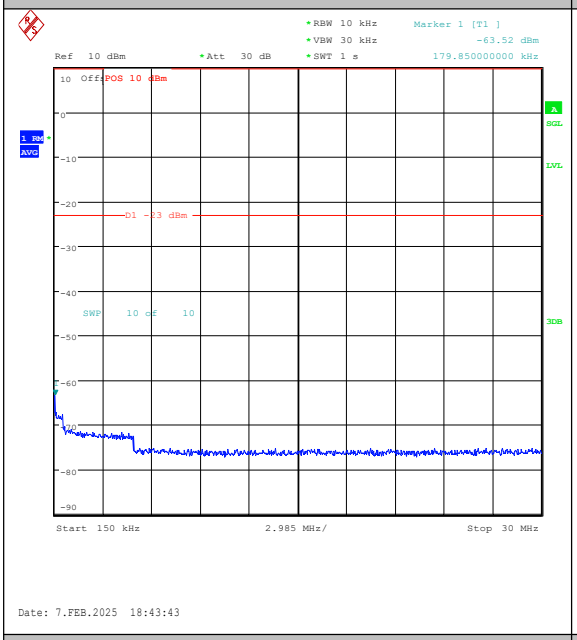
Band19-10MHz-QPSK-24075-1RB#0-1000~3000-PASS



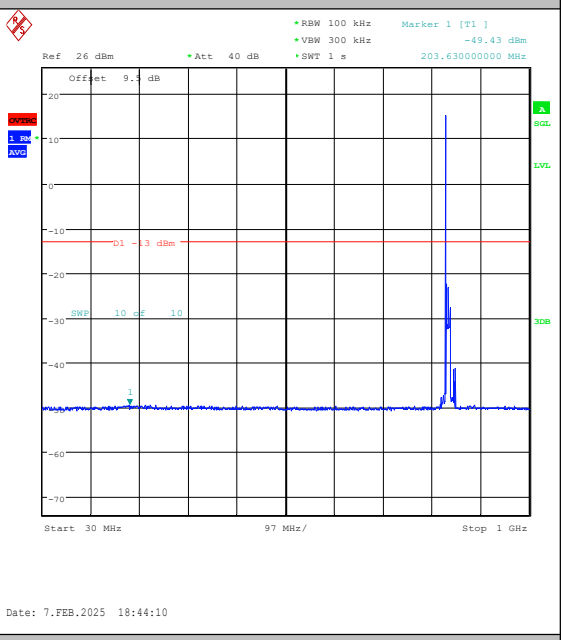
Band19-10MHz-QPSK-24075-1RB#0-3000~10000-PASS



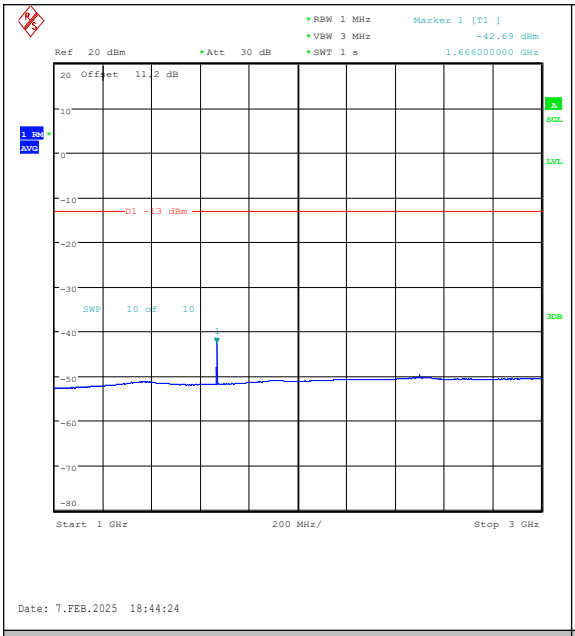
Band19-10MHz-16QAM-24075-1RB#0-0.009~0.15-PASS



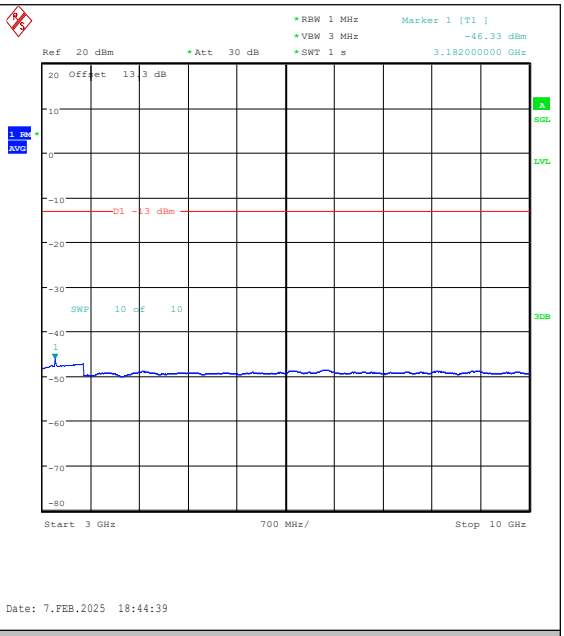
Band19-10MHz-16QAM-24075-1RB#0-0.15~30-PASS



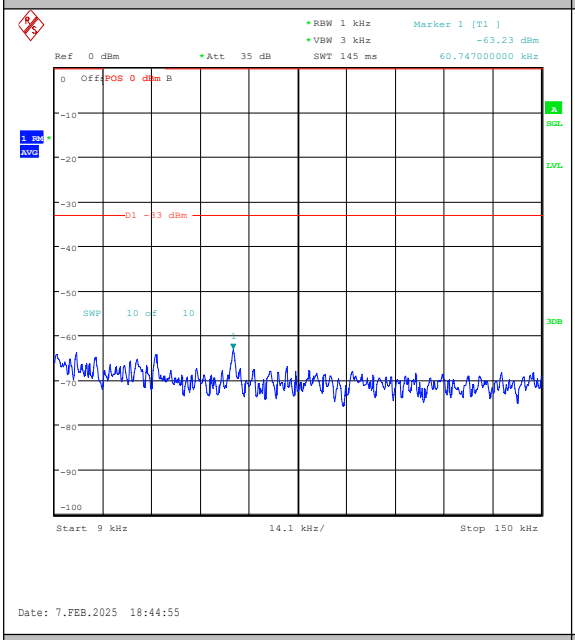
Band19-10MHz-16QAM-24075-1RB#0-30~1000-PASS



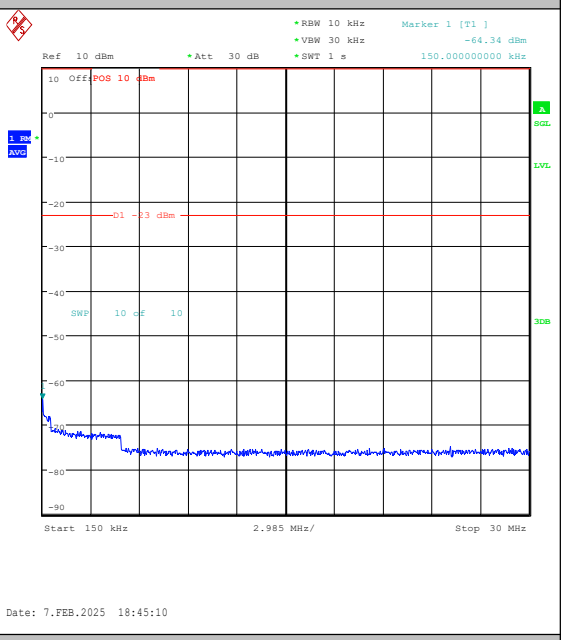
Band19-10MHz-16QAM-24075-1RB#0-1000~3000-PASS



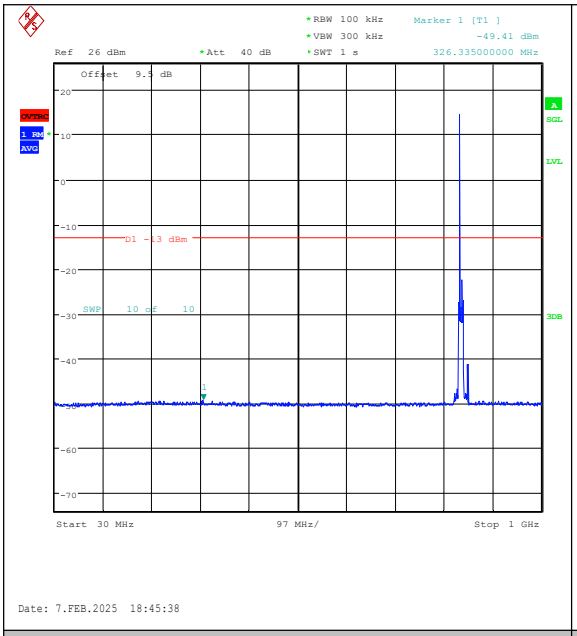
Band19-10MHz-16QAM-24075-1RB#0-3000~10000-PASS



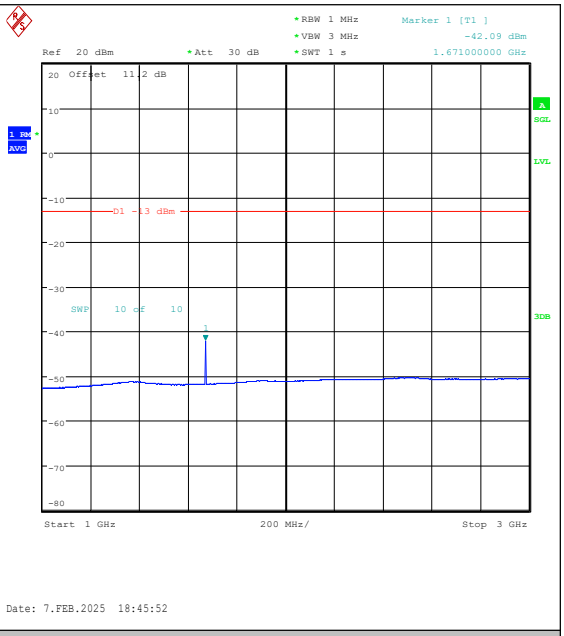
Band19-10MHz-QPSK-24100-1RB#0-0.009~0.15-PASS



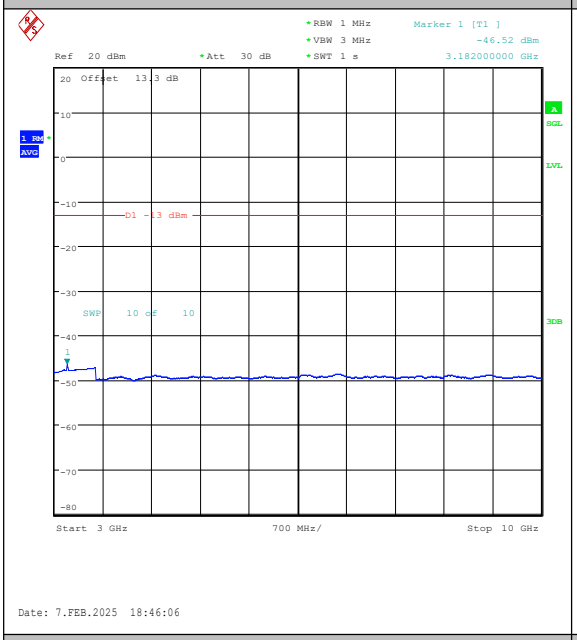
Band19-10MHz-QPSK-24100-1RB#0-0.15~30-PASS



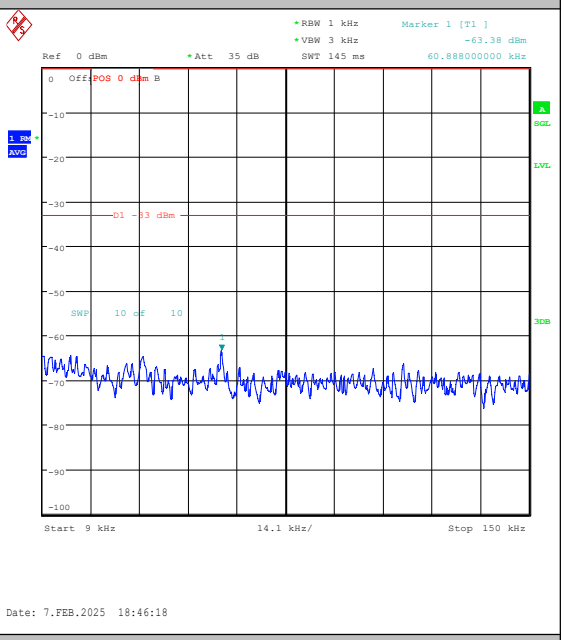
Band19-10MHz-QPSK-24100-1RB#0-30~1000-PASS



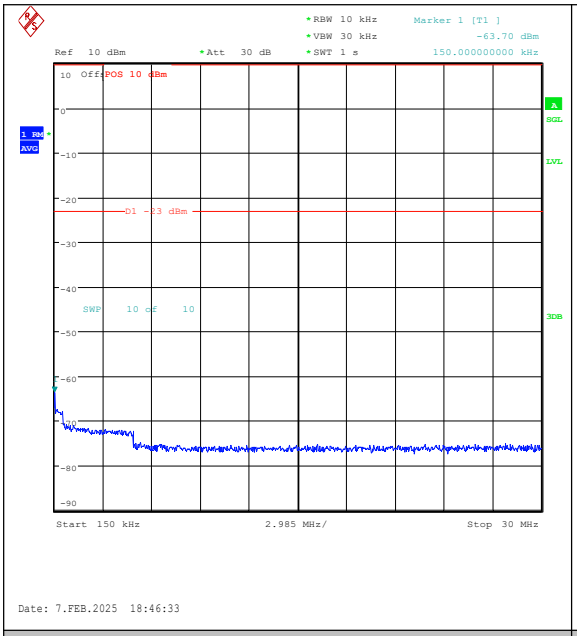
Band19-10MHz-QPSK-24100-1RB#0-1000~3000-PASS



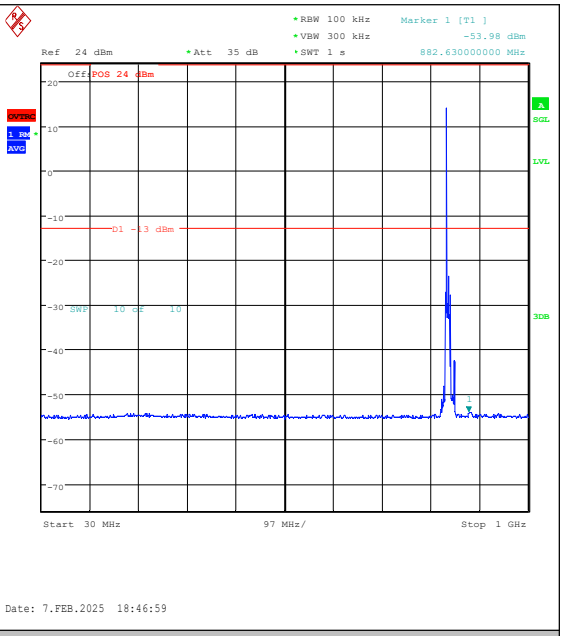
Band19-10MHz-QPSK-24100-1RB#0-3000~10000-PASS



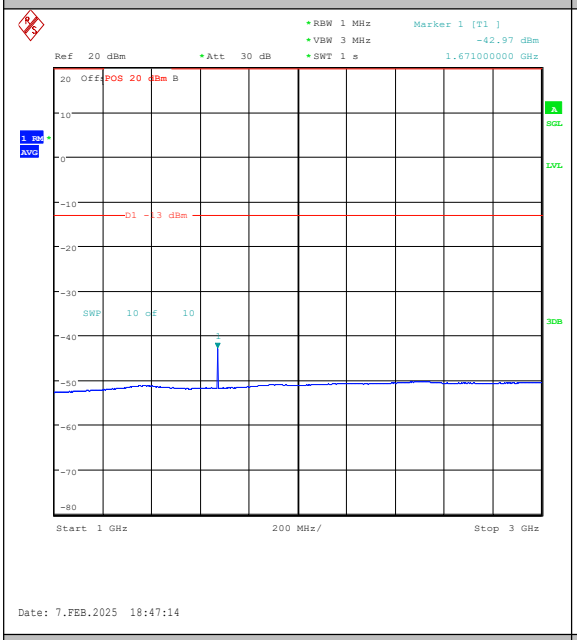
Band19-10MHz-16QAM-24100-1RB#0-0.009~0.15-PASS



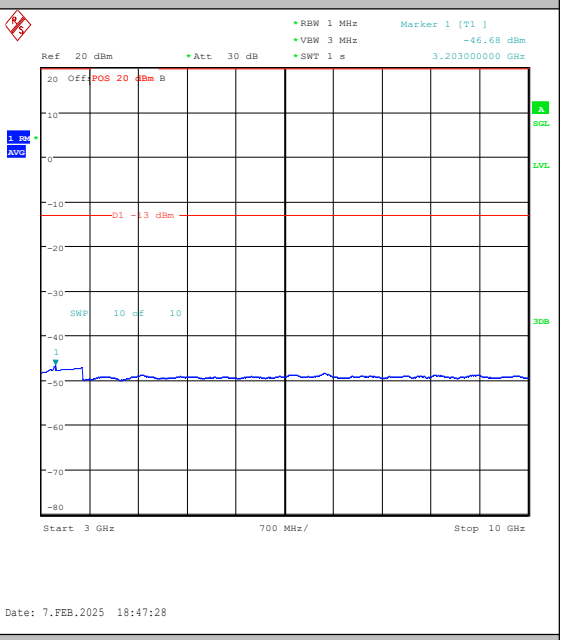
Band19-10MHz-16QAM-24100-1RB#0-0.15~30-PASS



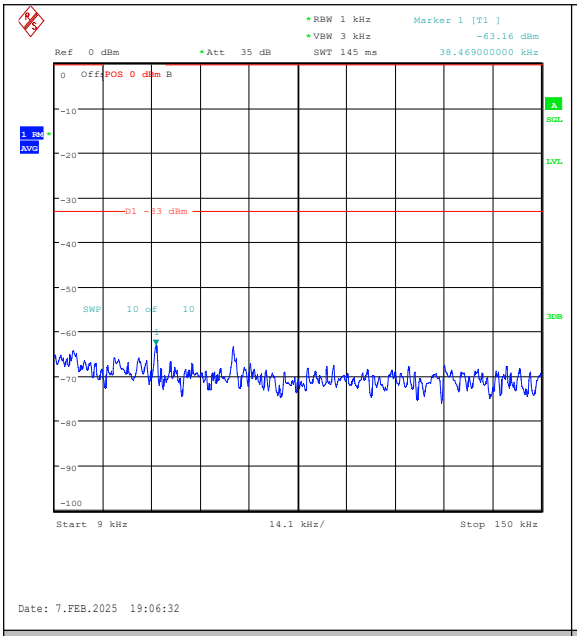
Band19-10MHz-16QAM-24100-1RB#0-30~1000-PASS



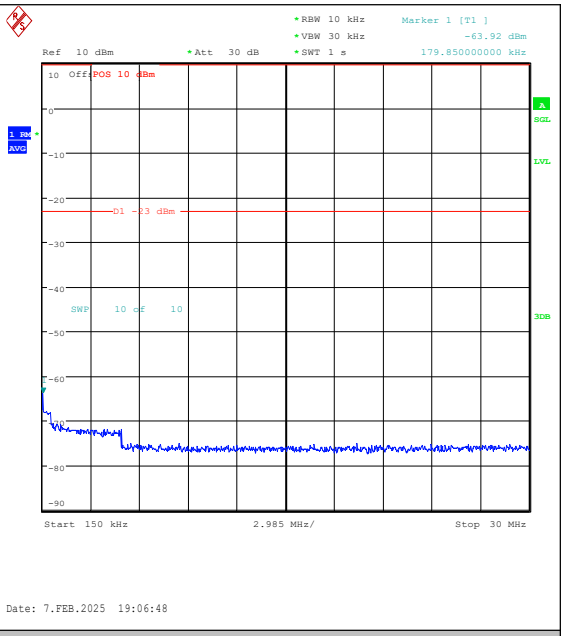
Band19-10MHz-16QAM-24100-1RB#0-1000~3000-PASS



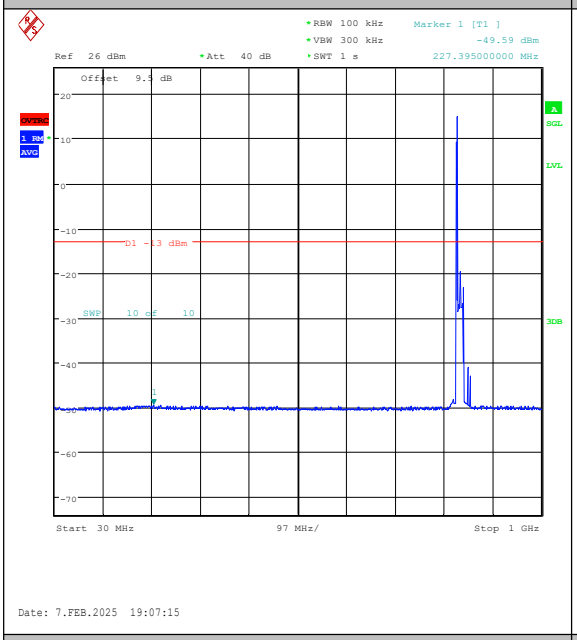
Band19-10MHz-16QAM-24100-1RB#0-3000~10000-PASS



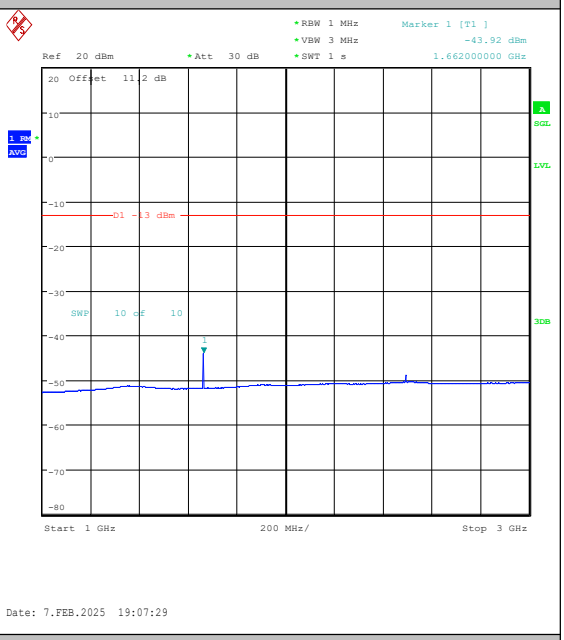
Band19-15MHz-QPSK-24075-1RB#0-0.009~0.15-PASS



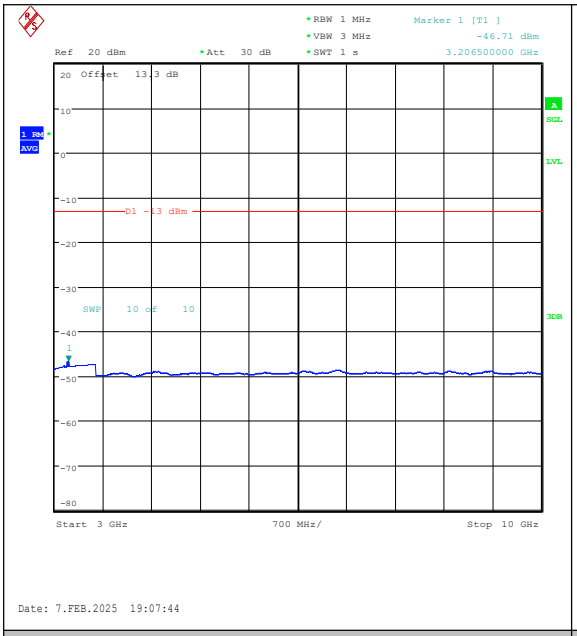
Band19-15MHz-QPSK-24075-1RB#0-0.15~30-PASS



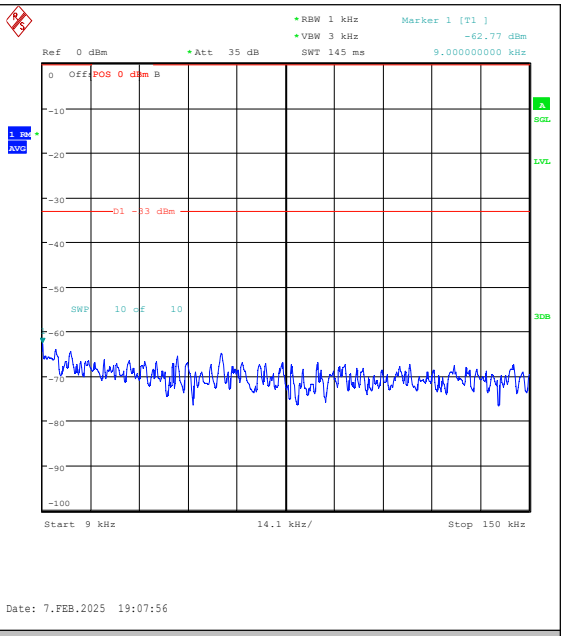
Band19-15MHz-QPSK-24075-1RB#0-30~1000-PASS



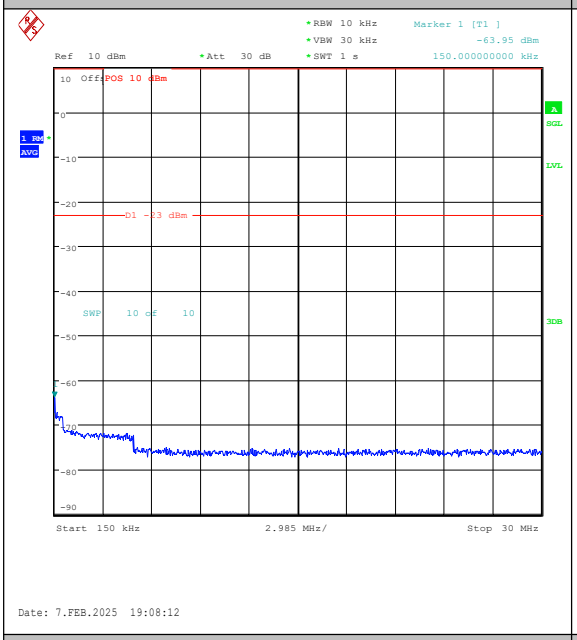
Band19-15MHz-QPSK-24075-1RB#0-1000~3000-PASS



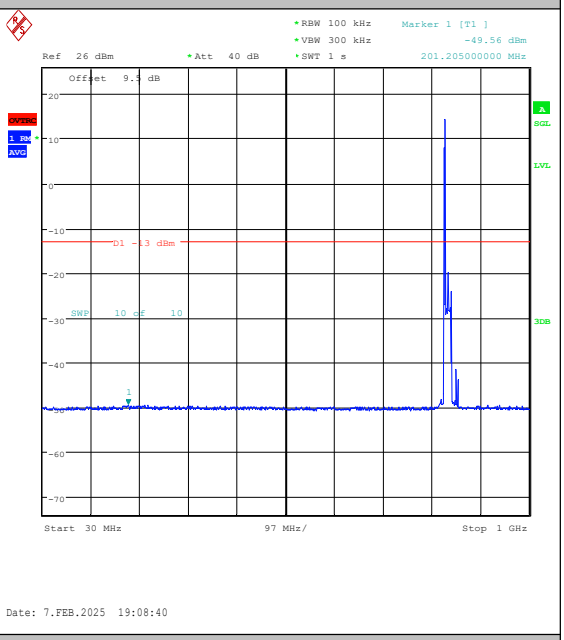
Band19-15MHz-QPSK-24075-1RB#0-3000~10000-PASS



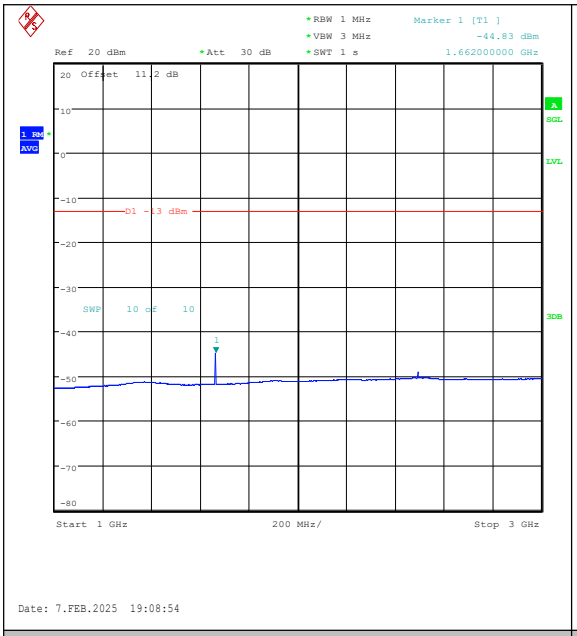
Band19-15MHz-16QAM-24075-1RB#0-0.009~0.15-PASS



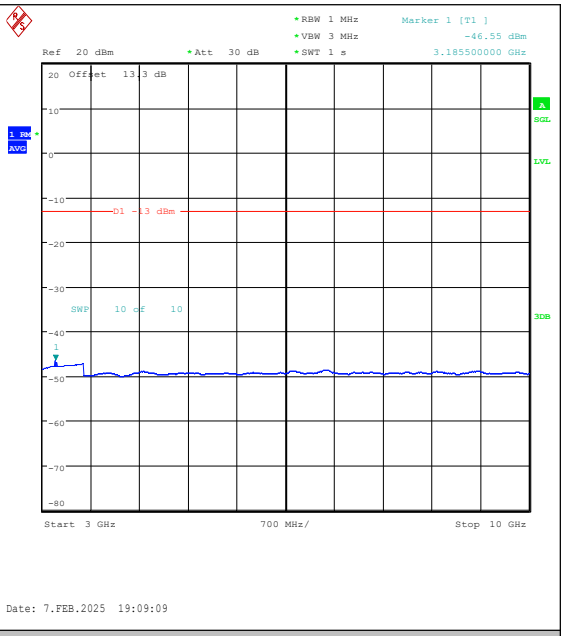
Band19-15MHz-16QAM-24075-1RB#0-0.15~30-PASS



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



Band19-15MHz-16QAM-24075-1RB#0-1000~3000-PASS



Band19-15MHz-16QAM-24075-1RB#0-3000~10000-PASS

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	VN	NT	-3.48	-0.004180	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	VL	NT	-5.11	-0.006138	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	VH	NT	-1.92	-0.002306	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	VN	NT	-5.34	-0.006414	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	VL	NT	-2.56	-0.003075	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	VH	NT	-1.77	-0.002126	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	VN	NT	-8.85	-0.010567	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	VL	NT	-6.77	-0.008084	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	VH	NT	-6.97	-0.008322	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	VN	NT	-4.82	-0.005755	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	VL	NT	-3.38	-0.004036	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	VH	NT	-3.86	-0.004609	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	VN	NT	-3.79	-0.004499	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	VL	NT	-4.91	-0.005828	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	VH	NT	-4.72	-0.005602	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	VN	NT	-1.76	-0.002089	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	VL	NT	-4.51	-0.005353	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	VH	NT	-6.88	-0.008166	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	VN	NT	-6.39	-0.007653	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	VL	NT	-2.52	-0.003018	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	VH	NT	-5.19	-0.006216	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	VN	NT	-6.65	-0.007964	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	VL	NT	-5.81	-0.006958	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	VH	NT	-3.49	-0.004180	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	VN	NT	-2.53	-0.003021	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	VL	NT	-4.28	-0.005110	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	VH	NT	-4.56	-0.005445	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	VN	NT	-4.12	-0.004919	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	VL	NT	-4.56	-0.005445	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	VH	NT	-3.99	-0.004764	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	VN	NT	-6.18	-0.007357	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	VL	NT	-2.22	-0.002643	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	VH	NT	-2.63	-0.003131	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	VN	NT	-9.17	-0.010917	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	VL	NT	-2.66	-0.003167	±2.5	PASS

Band19	10MHz	16QAM	24100	50RB#0	VH	NT	-4.38	-0.005214	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	VN	NT	-5.15	-0.006149	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	VL	NT	-4.22	-0.005039	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	VH	NT	-3.30	-0.003940	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	VN	NT	-6.54	-0.007809	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	VL	NT	-5.26	-0.006281	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	VH	NT	-7.50	-0.008955	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	NV	-30	-4.56	-0.005477	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	-20	-2.83	-0.003399	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	-10	-7.91	-0.009502	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	0	-5.64	-0.006775	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	10	-2.23	-0.002679	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	20	-7.45	-0.008949	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	30	-4.55	-0.005465	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	40	3.23	0.003880	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	50	-5.84	-0.007015	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	-30	-6.21	-0.007459	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	-20	-7.20	-0.008649	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	-10	-2.47	-0.002967	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	0	-5.88	-0.007063	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	10	-6.12	-0.007351	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	20	-6.07	-0.007291	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	30	1.69	0.002030	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	40	-5.34	-0.006414	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	50	-6.55	-0.007868	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	-30	-5.15	-0.006149	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	-20	-4.68	-0.005588	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	-10	-6.61	-0.007893	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	0	-6.27	-0.007487	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	10	-2.66	-0.003176	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	20	-3.36	-0.004012	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	30	-5.82	-0.006949	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	40	-5.94	-0.007093	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	50	-4.41	-0.005266	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	-30	-3.43	-0.004096	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	-20	-4.58	-0.005469	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	-10	-5.29	-0.006316	±2.5	PASS

Band19	5MHz	16QAM	24075	25RB#0	NV	0	-6.08	-0.007260	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	10	-8.48	-0.010125	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	20	-5.99	-0.007152	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	30	-5.59	-0.006675	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	40	-6.74	-0.008048	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	50	-10.49	-0.012525	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	-30	-5.74	-0.006813	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	-20	-5.54	-0.006576	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	-10	-9.36	-0.011110	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	0	-7.12	-0.008451	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	10	-6.02	-0.007145	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	20	-4.51	-0.005353	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	30	-3.76	-0.004463	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	40	-4.76	-0.005650	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	50	-7.72	-0.009163	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	-30	-5.14	-0.006101	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	-20	1.82	0.002160	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	-10	-6.32	-0.007501	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	0	-1.43	-0.001697	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	10	-5.28	-0.006267	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	20	-7.44	-0.008831	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	30	-7.98	-0.009472	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	40	-5.59	-0.006635	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	50	-4.86	-0.005769	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	-30	-6.11	-0.007317	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	-20	-5.99	-0.007174	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	-10	-4.84	-0.005796	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	0	-5.61	-0.006719	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	10	-5.11	-0.006120	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	20	-8.00	-0.009581	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	30	-7.78	-0.009317	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	40	-4.06	-0.004862	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	50	-5.35	-0.006407	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	-30	-7.08	-0.008479	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	-20	-3.39	-0.004060	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	-10	-7.05	-0.008443	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	0	-7.51	-0.008994	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	10	-5.11	-0.006120	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	20	-6.92	-0.008287	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	30	-6.42	-0.007689	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	40	-2.75	-0.003293	±2.5	PASS

Band19	10MHz	16QAM	24050	50RB#0	NV	50	1.07	0.001281	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	-30	-7.32	-0.008740	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	-20	-6.25	-0.007463	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	-10	-4.43	-0.005290	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	0	-6.51	-0.007773	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	10	-7.75	-0.009254	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	20	-7.61	-0.009087	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	30	-5.56	-0.006639	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	40	-6.41	-0.007654	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	50	-5.09	-0.006078	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	-30	-6.37	-0.007606	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	-20	-4.55	-0.005433	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	-10	-3.28	-0.003916	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	0	-3.81	-0.004549	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	10	-6.44	-0.007690	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	20	-3.93	-0.004693	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	30	-4.48	-0.005349	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	40	-5.66	-0.006758	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	50	-6.94	-0.008287	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	-30	-4.88	-0.005810	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	-20	2.19	0.002607	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	-10	-5.88	-0.007000	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	0	-4.52	-0.005381	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	10	-2.07	-0.002464	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	20	-2.59	-0.003083	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	30	-2.19	-0.002607	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	40	-5.98	-0.007119	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	50	3.23	0.003845	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	-30	-1.80	-0.002143	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	-20	-2.16	-0.002571	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	-10	-7.42	-0.008833	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	0	-6.01	-0.007155	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	10	-3.45	-0.004107	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	20	-3.69	-0.004393	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	30	-4.02	-0.004786	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	40	-2.36	-0.002810	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	50	-2.32	-0.002762	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	-30	-7.20	-0.008597	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	-20	-5.05	-0.006030	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	-10	-5.95	-0.007104	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	0	-6.79	-0.008107	±2.5	PASS

Band19	15MHz	QPSK	24075	75RB#0	NV	10	-5.94	-0.007093	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	20	-5.42	-0.006472	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	30	1.80	0.002149	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	40	-6.51	-0.007773	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	50	-5.19	-0.006197	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	-30	-6.05	-0.007224	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	-20	-2.99	-0.003570	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	-10	-7.72	-0.009218	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	0	-3.55	-0.004239	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	10	-2.99	-0.003570	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	20	-5.62	-0.006710	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	30	-6.58	-0.007857	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	40	-4.94	-0.005899	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	50	-8.84	-0.010555	±2.5	PASS