

Maximum power spectral density

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	Gain (dBi)	E(I)RP (dBm)	Limit(dBm/10 MHz)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	23.06	-1.36	21.7	23	PASS
Band48	5MHz	QPSK	55265	1RB#12	22.91	-1.36	21.55	23	PASS
Band48	5MHz	QPSK	55265	1RB#24	23	-1.36	21.64	23	PASS
Band48	5MHz	QPSK	55265	25RB#0	20.12	-1.36	18.76	23	PASS
Band48	5MHz	QPSK	55990	1RB#0	23.38	-1.36	22.02	23	PASS
Band48	5MHz	QPSK	55990	1RB#12	23.34	-1.36	21.98	23	PASS
Band48	5MHz	QPSK	55990	1RB#24	23.36	-1.36	22	23	PASS
Band48	5MHz	QPSK	55990	25RB#0	20.5	-1.36	19.14	23	PASS
Band48	5MHz	QPSK	56715	1RB#0	23.47	-1.36	22.11	23	PASS
Band48	5MHz	QPSK	56715	1RB#12	23.29	-1.36	21.93	23	PASS
Band48	5MHz	QPSK	56715	1RB#24	23.41	-1.36	22.05	23	PASS
Band48	5MHz	QPSK	56715	25RB#0	20.49	-1.36	19.13	23	PASS
Band48	5MHz	16QAM	55265	1RB#0	21.9	-1.36	20.54	23	PASS
Band48	5MHz	16QAM	55265	1RB#12	21.73	-1.36	20.37	23	PASS
Band48	5MHz	16QAM	55265	1RB#24	21.86	-1.36	20.5	23	PASS
Band48	5MHz	16QAM	55265	25RB#0	19.19	-1.36	17.83	23	PASS
Band48	5MHz	16QAM	55990	1RB#0	22.33	-1.36	20.97	23	PASS
Band48	5MHz	16QAM	55990	1RB#12	22.28	-1.36	20.92	23	PASS
Band48	5MHz	16QAM	55990	1RB#24	22.32	-1.36	20.96	23	PASS
Band48	5MHz	16QAM	55990	25RB#0	19.56	-1.36	18.2	23	PASS
Band48	5MHz	16QAM	56715	1RB#0	22.46	-1.36	21.1	23	PASS
Band48	5MHz	16QAM	56715	1RB#12	22.46	-1.36	21.1	23	PASS
Band48	5MHz	16QAM	56715	1RB#24	22.41	-1.36	21.05	23	PASS
Band48	5MHz	16QAM	56715	25RB#0	19.55	-1.36	18.19	23	PASS
Band48	10MHz	QPSK	55290	1RB#0	23.07	-1.36	21.71	23	PASS
Band48	10MHz	QPSK	55290	1RB#24	23.08	-1.36	21.72	23	PASS
Band48	10MHz	QPSK	55290	1RB#49	22.99	-1.36	21.63	23	PASS
Band48	10MHz	QPSK	55290	50RB#0	17.68	-1.36	16.32	23	PASS
Band48	10MHz	QPSK	55990	1RB#0	23.41	-1.36	22.05	23	PASS
Band48	10MHz	QPSK	55990	1RB#24	23.35	-1.36	21.99	23	PASS
Band48	10MHz	QPSK	55990	1RB#49	23.34	-1.36	21.98	23	PASS
Band48	10MHz	QPSK	55990	50RB#0	17.91	-1.36	16.55	23	PASS
Band48	10MHz	QPSK	56690	1RB#0	23.33	-1.36	21.97	23	PASS
Band48	10MHz	QPSK	56690	1RB#24	23.26	-1.36	21.9	23	PASS

Band48	10MHz	QPSK	56690	1RB#49	23.18	-1.36	21.82	23	PASS
Band48	10MHz	QPSK	56690	50RB#0	17.9	-1.36	16.54	23	PASS
Band48	10MHz	16QAM	55290	1RB#0	22.19	-1.36	20.83	23	PASS
Band48	10MHz	16QAM	55290	1RB#24	22.11	-1.36	20.75	23	PASS
Band48	10MHz	16QAM	55290	1RB#49	22.12	-1.36	20.76	23	PASS
Band48	10MHz	16QAM	55290	50RB#0	16.64	-1.36	15.28	23	PASS
Band48	10MHz	16QAM	55990	1RB#0	22.14	-1.36	20.78	23	PASS
Band48	10MHz	16QAM	55990	1RB#24	22.54	-1.36	21.18	23	PASS
Band48	10MHz	16QAM	55990	1RB#49	22.05	-1.36	20.69	23	PASS
Band48	10MHz	16QAM	55990	50RB#0	16.94	-1.36	15.58	23	PASS
Band48	10MHz	16QAM	56690	1RB#0	21.93	-1.36	20.57	23	PASS
Band48	10MHz	16QAM	56690	1RB#24	22	-1.36	20.64	23	PASS
Band48	10MHz	16QAM	56690	1RB#49	21.85	-1.36	20.49	23	PASS
Band48	10MHz	16QAM	56690	50RB#0	16.84	-1.36	15.48	23	PASS
Band48	15MHz	QPSK	55315	1RB#0	23.11	-1.36	21.75	23	PASS
Band48	15MHz	QPSK	55315	1RB#38	23.09	-1.36	21.73	23	PASS
Band48	15MHz	QPSK	55315	1RB#74	23.15	-1.36	21.79	23	PASS
Band48	15MHz	QPSK	55315	75RB#0	16.07	-1.36	14.71	23	PASS
Band48	15MHz	QPSK	55990	1RB#0	23.31	-1.36	21.95	23	PASS
Band48	15MHz	QPSK	55990	1RB#38	23.34	-1.36	21.98	23	PASS
Band48	15MHz	QPSK	55990	1RB#74	23.38	-1.36	22.02	23	PASS
Band48	15MHz	QPSK	55990	75RB#0	16.2	-1.36	14.84	23	PASS
Band48	15MHz	QPSK	56665	1RB#0	23.16	-1.36	21.8	23	PASS
Band48	15MHz	QPSK	56665	1RB#38	23.07	-1.36	21.71	23	PASS
Band48	15MHz	QPSK	56665	1RB#74	23.19	-1.36	21.83	23	PASS
Band48	15MHz	QPSK	56665	75RB#0	16.08	-1.36	14.72	23	PASS
Band48	15MHz	16QAM	55315	1RB#0	22.22	-1.36	20.86	23	PASS
Band48	15MHz	16QAM	55315	1RB#38	22.13	-1.36	20.77	23	PASS
Band48	15MHz	16QAM	55315	1RB#74	22.27	-1.36	20.91	23	PASS
Band48	15MHz	16QAM	55315	75RB#0	14.97	-1.36	13.61	23	PASS
Band48	15MHz	16QAM	55990	1RB#0	22.45	-1.36	21.09	23	PASS
Band48	15MHz	16QAM	55990	1RB#38	22.35	-1.36	20.99	23	PASS
Band48	15MHz	16QAM	55990	1RB#74	22.44	-1.36	21.08	23	PASS
Band48	15MHz	16QAM	55990	75RB#0	15.17	-1.36	13.81	23	PASS
Band48	15MHz	16QAM	56665	1RB#0	22.22	-1.36	20.86	23	PASS
Band48	15MHz	16QAM	56665	1RB#38	22.16	-1.36	20.8	23	PASS
Band48	15MHz	16QAM	56665	1RB#74	22.26	-1.36	20.9	23	PASS
Band48	15MHz	16QAM	56665	75RB#0	15.11	-1.36	13.75	23	PASS
Band48	20MHz	QPSK	55340	1RB#0	23.28	-1.36	21.92	23	PASS
Band48	20MHz	QPSK	55340	1RB#49	23.11	-1.36	21.75	23	PASS

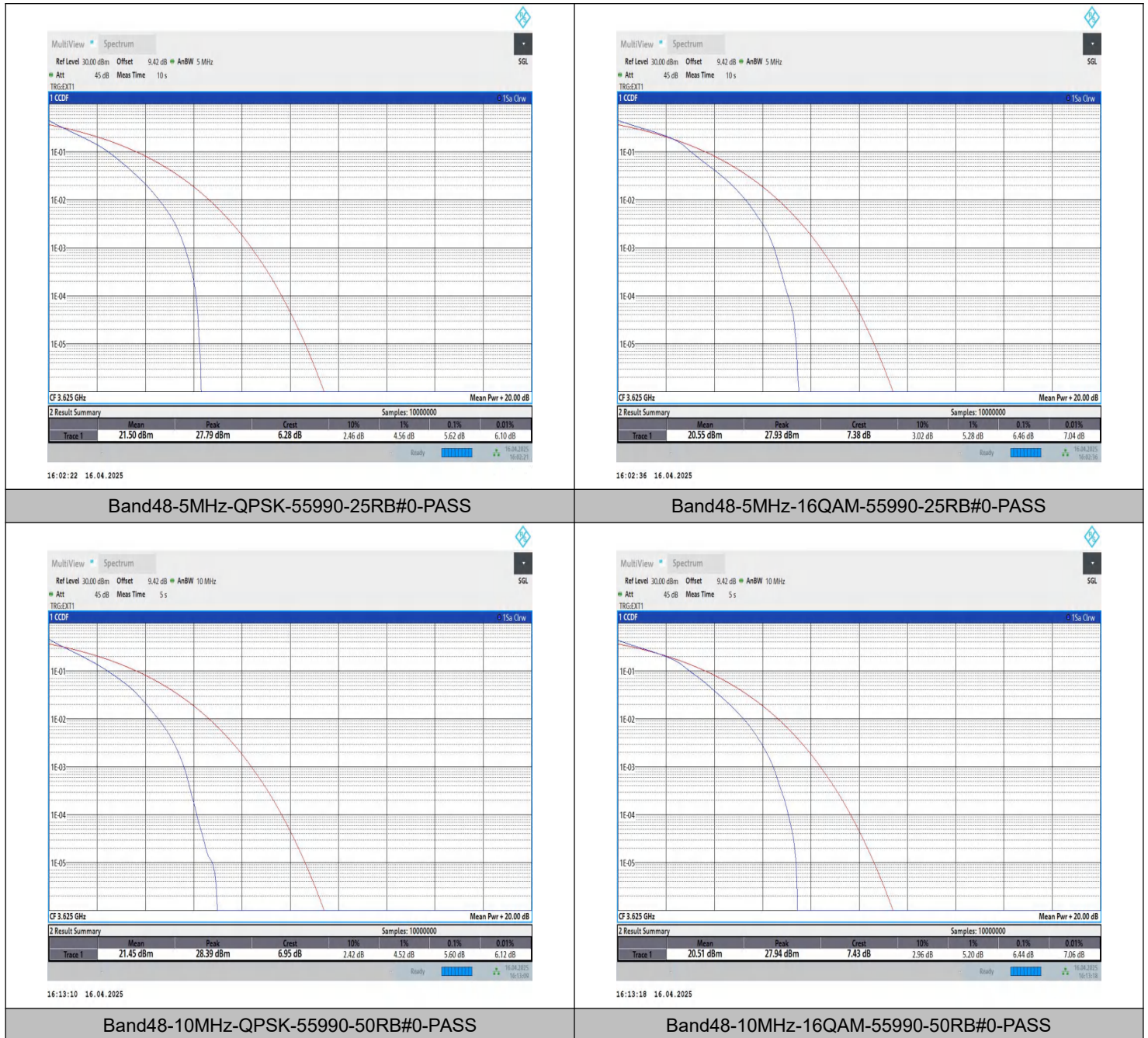
Band48	20MHz	QPSK	55340	1RB#99	23.11	-1.36	21.75	23	PASS
Band48	20MHz	QPSK	55340	100RB#0	14.96	-1.36	13.6	23	PASS
Band48	20MHz	QPSK	55990	1RB#0	23.42	-1.36	22.06	23	PASS
Band48	20MHz	QPSK	55990	1RB#49	23.25	-1.36	21.89	23	PASS
Band48	20MHz	QPSK	55990	1RB#99	23.27	-1.36	21.91	23	PASS
Band48	20MHz	QPSK	55990	100RB#0	15.07	-1.36	13.71	23	PASS
Band48	20MHz	QPSK	56640	1RB#0	23.22	-1.36	21.86	23	PASS
Band48	20MHz	QPSK	56640	1RB#49	23.05	-1.36	21.69	23	PASS
Band48	20MHz	QPSK	56640	1RB#99	22.98	-1.36	21.62	23	PASS
Band48	20MHz	QPSK	56640	100RB#0	14.88	-1.36	13.52	23	PASS
Band48	20MHz	16QAM	55340	1RB#0	22.3	-1.36	20.94	23	PASS
Band48	20MHz	16QAM	55340	1RB#49	22.17	-1.36	20.81	23	PASS
Band48	20MHz	16QAM	55340	1RB#99	22.19	-1.36	20.83	23	PASS
Band48	20MHz	16QAM	55340	100RB#0	13.95	-1.36	12.59	23	PASS
Band48	20MHz	16QAM	55990	1RB#0	22.47	-1.36	21.11	23	PASS
Band48	20MHz	16QAM	55990	1RB#49	22.31	-1.36	20.95	23	PASS
Band48	20MHz	16QAM	55990	1RB#99	22.29	-1.36	20.93	23	PASS
Band48	20MHz	16QAM	55990	100RB#0	14.03	-1.36	12.67	23	PASS
Band48	20MHz	16QAM	56640	1RB#0	22.3	-1.36	20.94	23	PASS
Band48	20MHz	16QAM	56640	1RB#49	22.2	-1.36	20.84	23	PASS
Band48	20MHz	16QAM	56640	1RB#99	22.02	-1.36	20.66	23	PASS
Band48	20MHz	16QAM	56640	100RB#0	13.86	-1.36	12.5	23	PASS

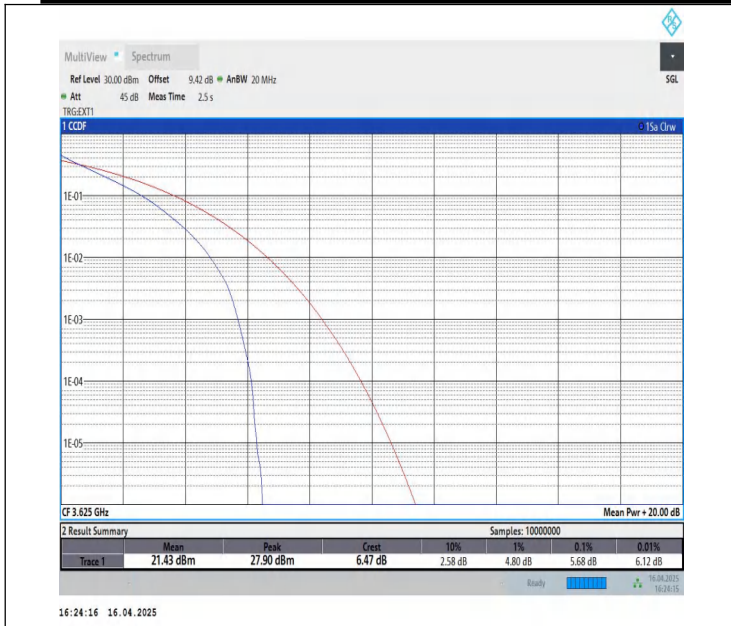
Peak-to-Average Ratio(CCDF)

Test Result

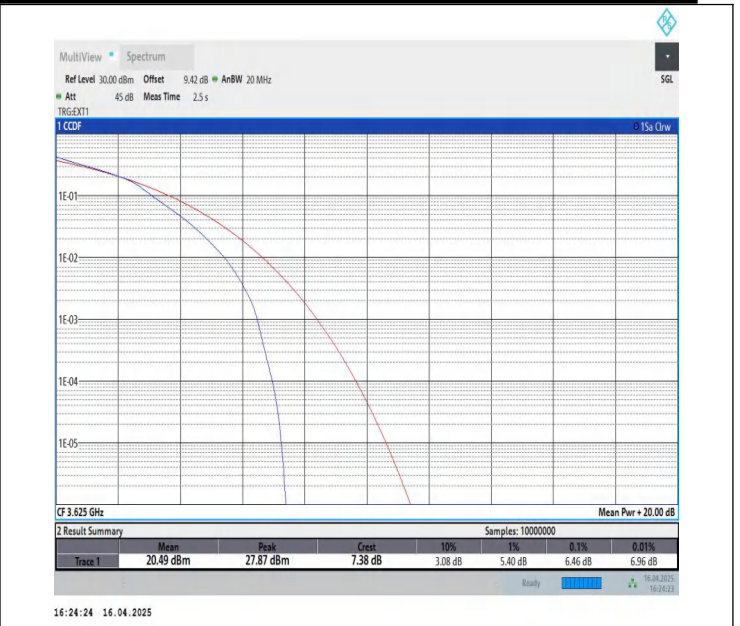
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band48	5MHz	QPSK	55990	25RB#0	5.62	13	PASS
Band48	5MHz	16QAM	55990	25RB#0	6.46	13	PASS
Band48	10MHz	QPSK	55990	50RB#0	5.60	13	PASS
Band48	10MHz	16QAM	55990	50RB#0	6.44	13	PASS
Band48	15MHz	QPSK	55990	75RB#0	5.68	13	PASS
Band48	15MHz	16QAM	55990	75RB#0	6.46	13	PASS
Band48	20MHz	QPSK	55990	100RB#0	5.54	13	PASS
Band48	20MHz	16QAM	55990	100RB#0	6.40	13	PASS

Test Graphs

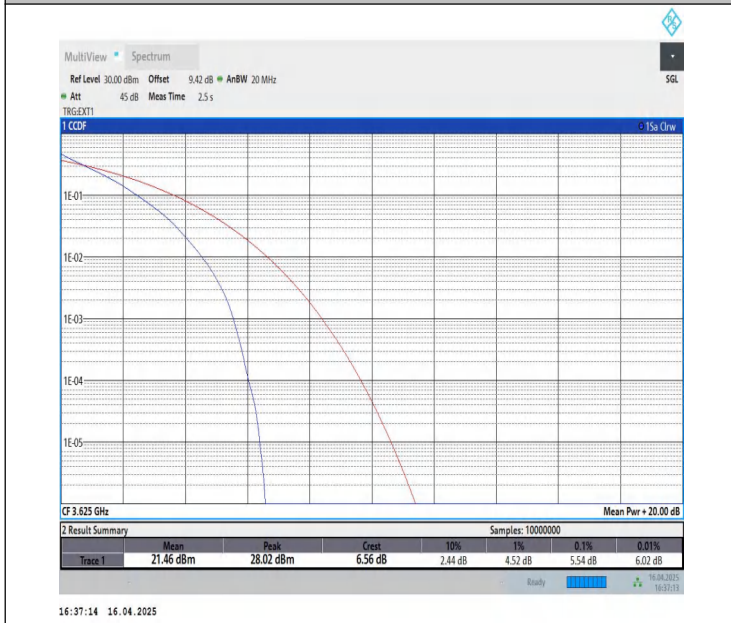




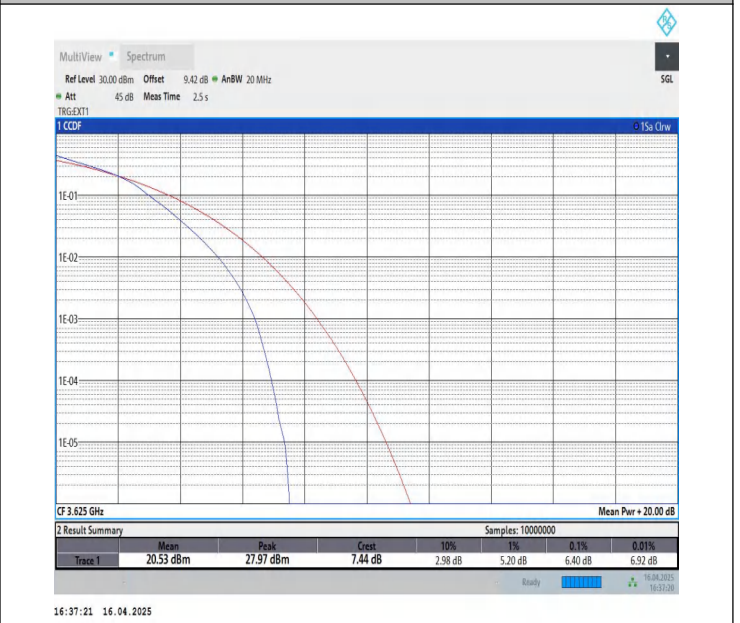
Band48-15MHz-QPSK-55990-75RB#0-PASS



Band48-15MHz-16QAM-55990-75RB#0-PASS



Band48-20MHz-QPSK-55990-100RB#0-PASS



Band48-20MHz-16QAM-55990-100RB#0-PASS

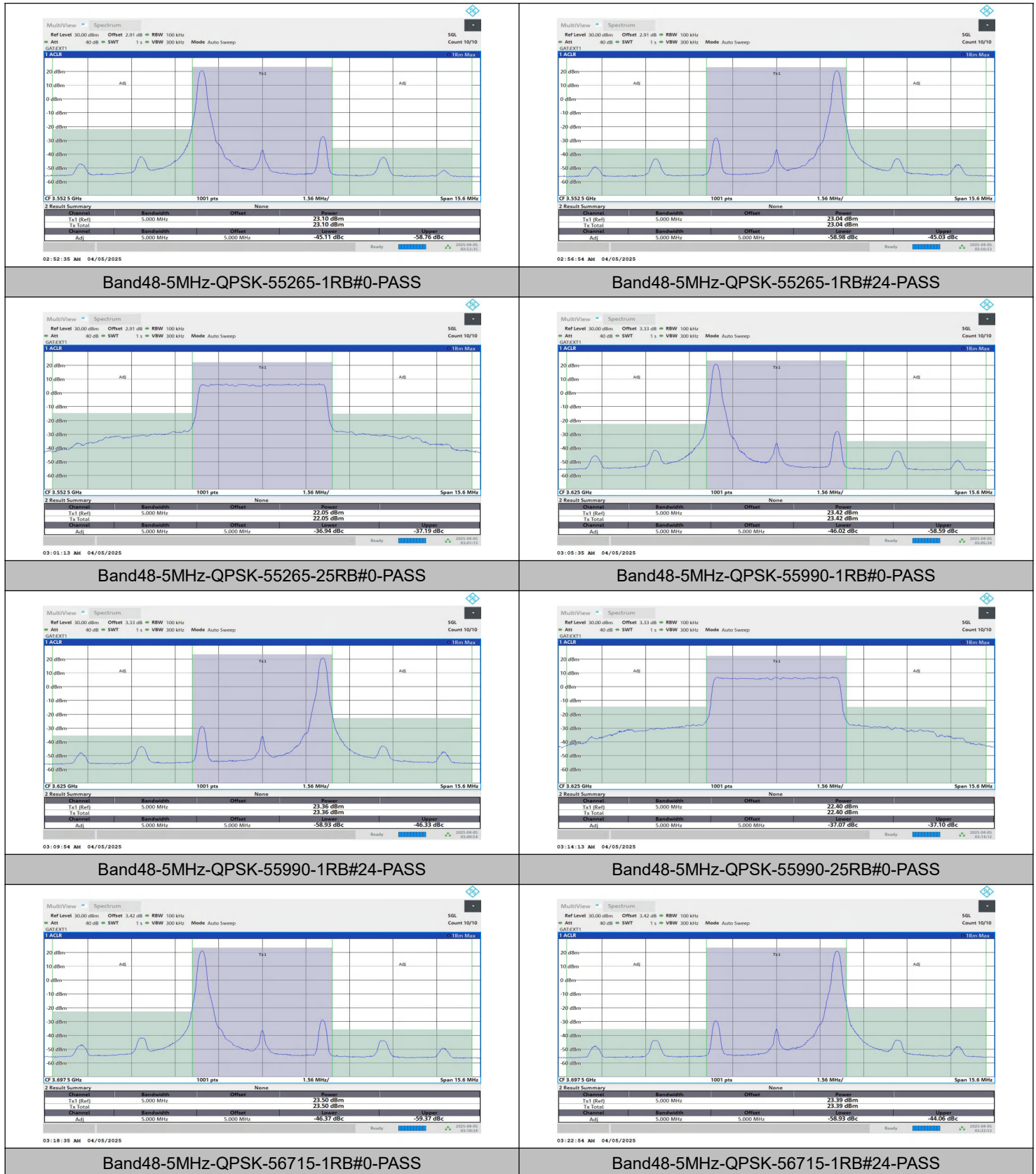
Adjacent channel leakage ratio

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	ACLR_Lower	ACLR_Upper	Limit	Verdict
Band48	5MHz	QPSK	55265	1RB#0	45.11	58.76	≥30	PASS
Band48	5MHz	QPSK	55265	1RB#24	58.98	45.03	≥30	PASS
Band48	5MHz	QPSK	55265	25RB#0	36.94	37.19	≥30	PASS
Band48	5MHz	QPSK	55990	1RB#0	46.02	58.59	≥30	PASS
Band48	5MHz	QPSK	55990	1RB#24	58.93	46.33	≥30	PASS
Band48	5MHz	QPSK	55990	25RB#0	37.07	37.1	≥30	PASS
Band48	5MHz	QPSK	56715	1RB#0	46.37	59.37	≥30	PASS
Band48	5MHz	QPSK	56715	1RB#24	58.93	44.06	≥30	PASS
Band48	5MHz	QPSK	56715	25RB#0	37.29	37.5	≥30	PASS
Band48	5MHz	16QAM	55265	1RB#0	46.15	57.98	≥30	PASS
Band48	5MHz	16QAM	55265	1RB#24	58.36	46.06	≥30	PASS
Band48	5MHz	16QAM	55265	25RB#0	36.73	37.1	≥30	PASS
Band48	5MHz	16QAM	55990	1RB#0	45.1	58.4	≥30	PASS
Band48	5MHz	16QAM	55990	1RB#24	58.38	46.87	≥30	PASS
Band48	5MHz	16QAM	55990	25RB#0	36.91	36.84	≥30	PASS
Band48	5MHz	16QAM	56715	1RB#0	44.71	58.86	≥30	PASS
Band48	5MHz	16QAM	56715	1RB#24	58.47	44.45	≥30	PASS
Band48	5MHz	16QAM	56715	25RB#0	37.18	37.28	≥30	PASS
Band48	10MHz	QPSK	55290	1RB#0	53.31	57.78	≥30	PASS
Band48	10MHz	QPSK	55290	1RB#49	57.78	53.14	≥30	PASS
Band48	10MHz	QPSK	55290	50RB#0	37.38	37.88	≥30	PASS
Band48	10MHz	QPSK	55990	1RB#0	52.38	57.91	≥30	PASS
Band48	10MHz	QPSK	55990	1RB#49	57.8	52.22	≥30	PASS
Band48	10MHz	QPSK	55990	50RB#0	37.21	37.71	≥30	PASS
Band48	10MHz	QPSK	56690	1RB#0	52.44	58.39	≥30	PASS
Band48	10MHz	QPSK	56690	1RB#49	57.88	52.71	≥30	PASS
Band48	10MHz	QPSK	56690	50RB#0	38.25	38.32	≥30	PASS
Band48	10MHz	16QAM	55290	1RB#0	52.94	56.97	≥30	PASS
Band48	10MHz	16QAM	55290	1RB#49	57.01	53.76	≥30	PASS
Band48	10MHz	16QAM	55290	50RB#0	37.17	37.49	≥30	PASS
Band48	10MHz	16QAM	55990	1RB#0	52.71	57.11	≥30	PASS
Band48	10MHz	16QAM	55990	1RB#49	56.95	52.59	≥30	PASS
Band48	10MHz	16QAM	55990	50RB#0	36.91	37.16	≥30	PASS
Band48	10MHz	16QAM	56690	1RB#0	52.64	57.35	≥30	PASS
Band48	10MHz	16QAM	56690	1RB#49	56.9	53.62	≥30	PASS
Band48	10MHz	16QAM	56690	50RB#0	37.44	37.41	≥30	PASS

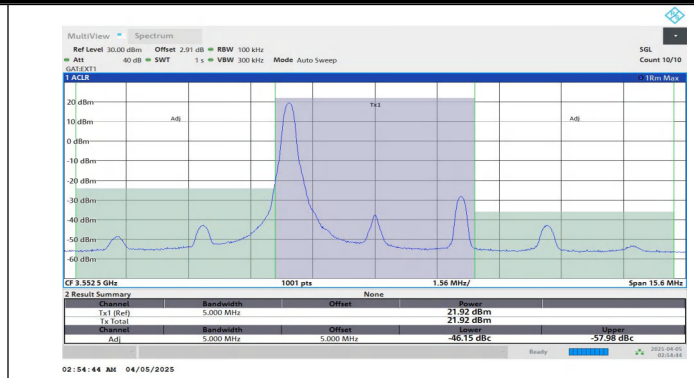
Band48	15MHz	QPSK	55315	1RB#0	52.38	56.78	≥30	PASS
Band48	15MHz	QPSK	55315	1RB#74	56.72	52.9	≥30	PASS
Band48	15MHz	QPSK	55315	75RB#0	36.68	37.25	≥30	PASS
Band48	15MHz	QPSK	55990	1RB#0	52.78	56.79	≥30	PASS
Band48	15MHz	QPSK	55990	1RB#74	56.7	53.32	≥30	PASS
Band48	15MHz	QPSK	55990	75RB#0	36.55	37.08	≥30	PASS
Band48	15MHz	QPSK	56665	1RB#0	53.08	57.1	≥30	PASS
Band48	15MHz	QPSK	56665	1RB#74	56.73	53.83	≥30	PASS
Band48	15MHz	QPSK	56665	75RB#0	37.43	37.81	≥30	PASS
Band48	15MHz	16QAM	55315	1RB#0	51.65	55.92	≥30	PASS
Band48	15MHz	16QAM	55315	1RB#74	55.94	53.1	≥30	PASS
Band48	15MHz	16QAM	55315	75RB#0	36.46	37.02	≥30	PASS
Band48	15MHz	16QAM	55990	1RB#0	52.07	55.94	≥30	PASS
Band48	15MHz	16QAM	55990	1RB#74	55.86	53.48	≥30	PASS
Band48	15MHz	16QAM	55990	75RB#0	36.37	36.78	≥30	PASS
Band48	15MHz	16QAM	56665	1RB#0	52.67	56.38	≥30	PASS
Band48	15MHz	16QAM	56665	1RB#74	56.07	54.07	≥30	PASS
Band48	15MHz	16QAM	56665	75RB#0	37.24	37.31	≥30	PASS
Band48	20MHz	QPSK	55340	1RB#0	52.09	55.52	≥30	PASS
Band48	20MHz	QPSK	55340	1RB#99	56.05	53.6	≥30	PASS
Band48	20MHz	QPSK	55340	100RB#0	37.49	37.93	≥30	PASS
Band48	20MHz	QPSK	55990	1RB#0	52.03	56.2	≥30	PASS
Band48	20MHz	QPSK	55990	1RB#99	56.02	54.11	≥30	PASS
Band48	20MHz	QPSK	55990	100RB#0	37.33	37.78	≥30	PASS
Band48	20MHz	QPSK	56640	1RB#0	52.36	55.85	≥30	PASS
Band48	20MHz	QPSK	56640	1RB#99	56.26	53.57	≥30	PASS
Band48	20MHz	QPSK	56640	100RB#0	38.26	38.21	≥30	PASS
Band48	20MHz	16QAM	55340	1RB#0	51.74	55	≥30	PASS
Band48	20MHz	16QAM	55340	1RB#99	55.25	52.44	≥30	PASS
Band48	20MHz	16QAM	55340	100RB#0	37.14	37.55	≥30	PASS
Band48	20MHz	16QAM	55990	1RB#0	51.71	55.4	≥30	PASS
Band48	20MHz	16QAM	55990	1RB#99	55.17	52.82	≥30	PASS
Band48	20MHz	16QAM	55990	100RB#0	37	37.34	≥30	PASS
Band48	20MHz	16QAM	56640	1RB#0	51.93	54.82	≥30	PASS
Band48	20MHz	16QAM	56640	1RB#99	55.31	53.02	≥30	PASS
Band48	20MHz	16QAM	56640	100RB#0	37.89	37.73	≥30	PASS

Test Graphs

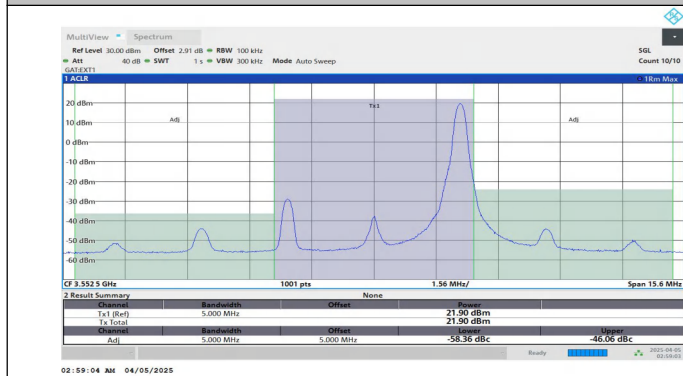




Band48-5MHz-QPSK-56715-25RB#0-PASS



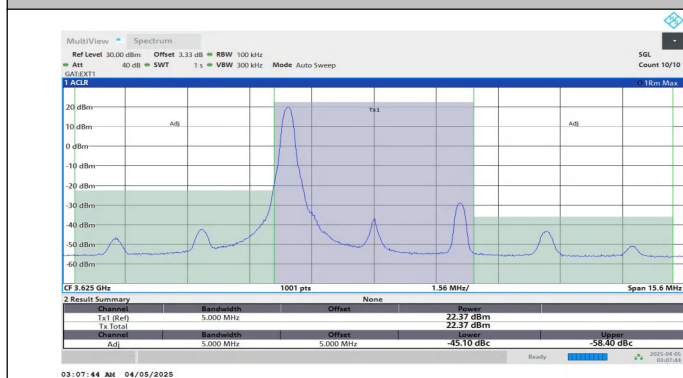
Band48-5MHz-16QAM-55265-1RB#0-PASS



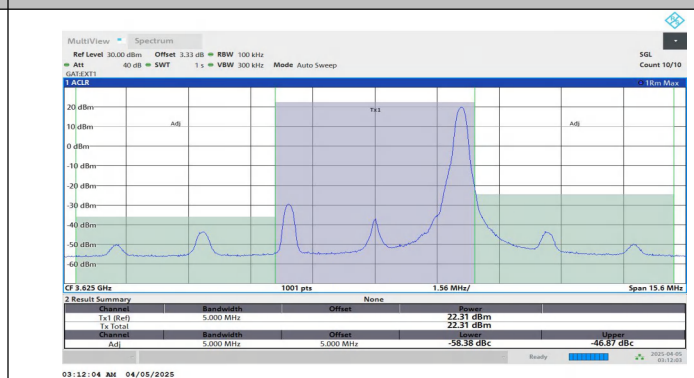
Band48-5MHz-16QAM-55265-1RB#24-PASS



Band48-5MHz-16QAM-55265-25RB#0-PASS



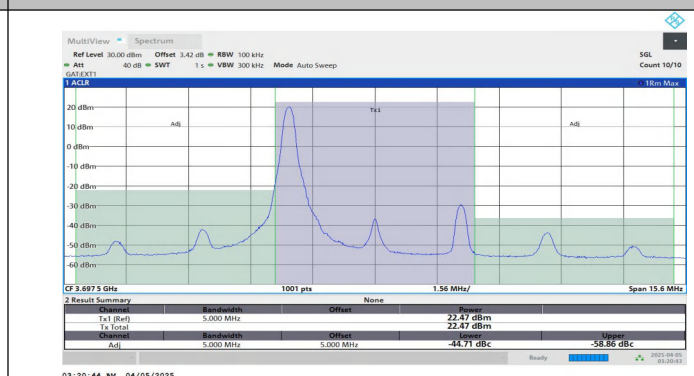
Band48-5MHz-16QAM-55990-1RB#0-PASS



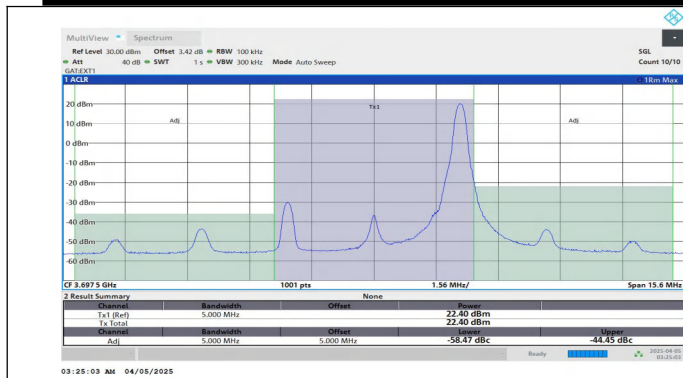
Band48-5MHz-16QAM-55990-1RB#24-PASS



Band48-5MHz-16QAM-55990-25RB#0-PASS



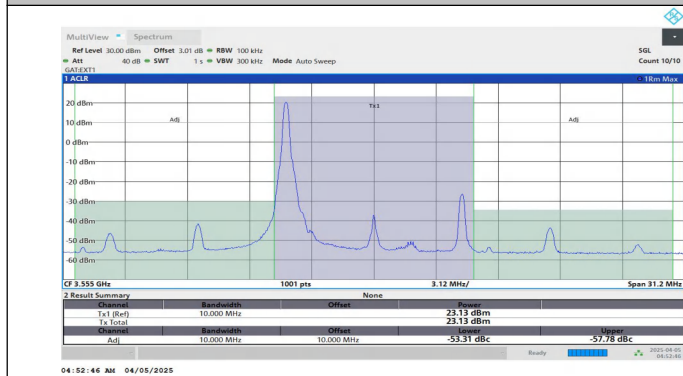
Band48-5MHz-16QAM-56715-1RB#0-PASS



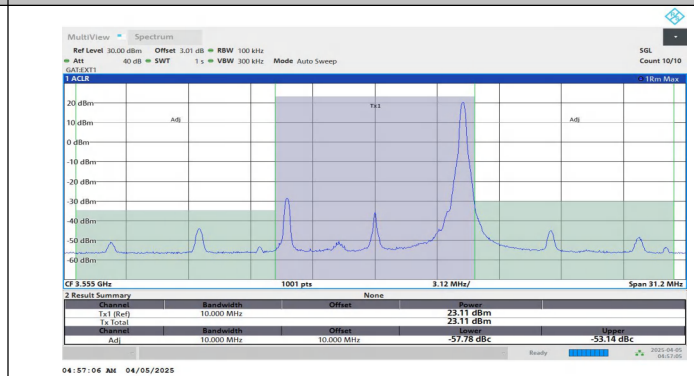
Band48-5MHz-16QAM-56715-1RB#24-PASS



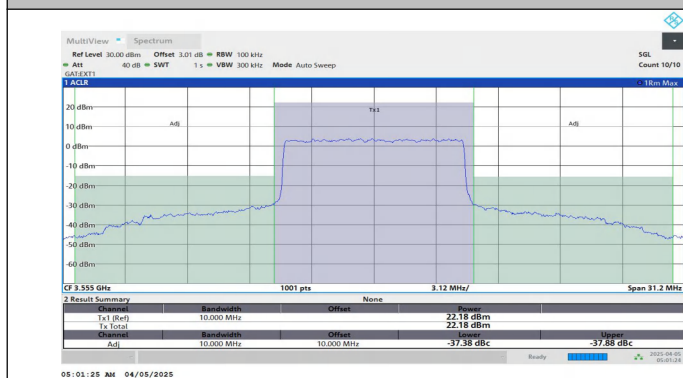
Band48-5MHz-16QAM-56715-25RB#0-PASS



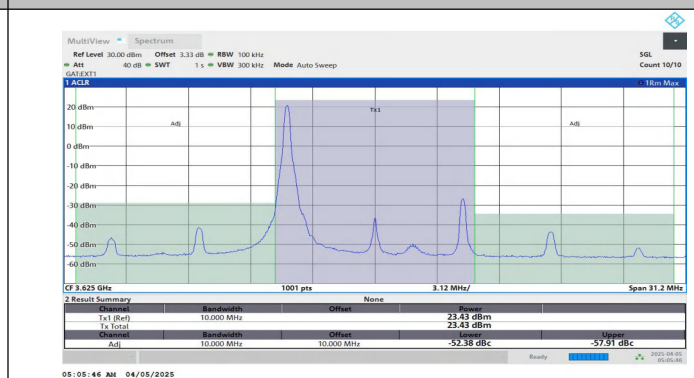
Band48-10MHz-QPSK-55290-1RB#0-PASS



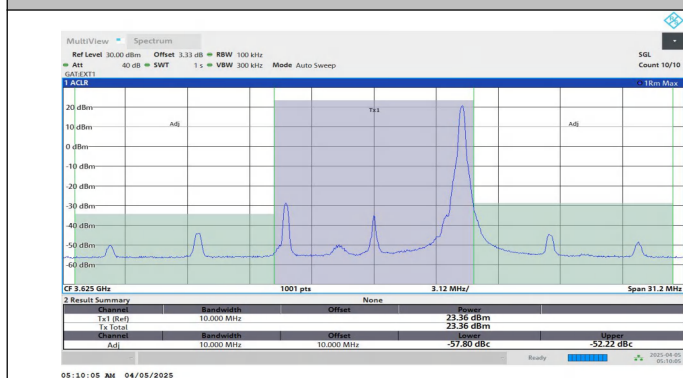
Band48-10MHz-QPSK-55290-1RB#49-PASS



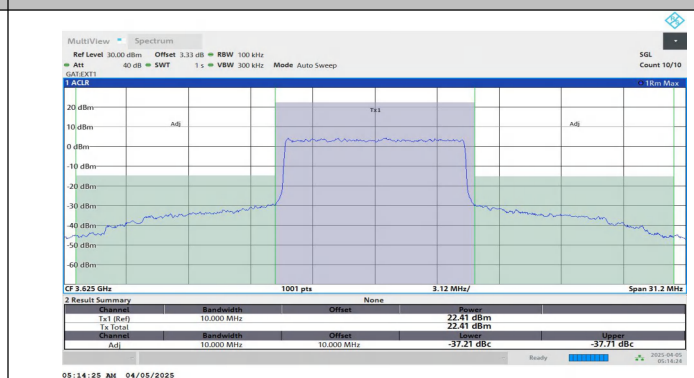
Band48-10MHz-QPSK-55290-50RB#0-PASS



Band48-10MHz-QPSK-55290-1RB#0-PASS



Band48-10MHz-QPSK-55990-1RB#49-PASS

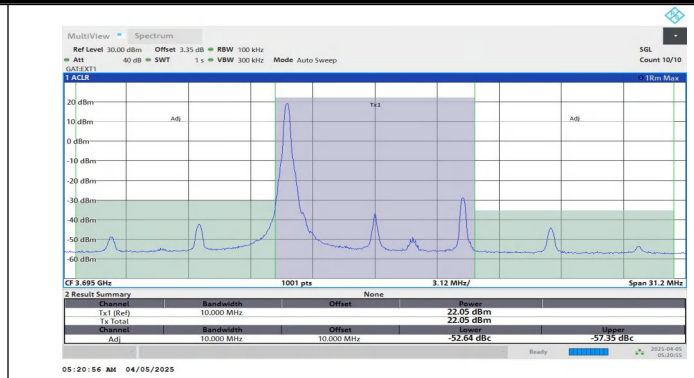


Band48-10MHz-QPSK-55990-50RB#0-PASS

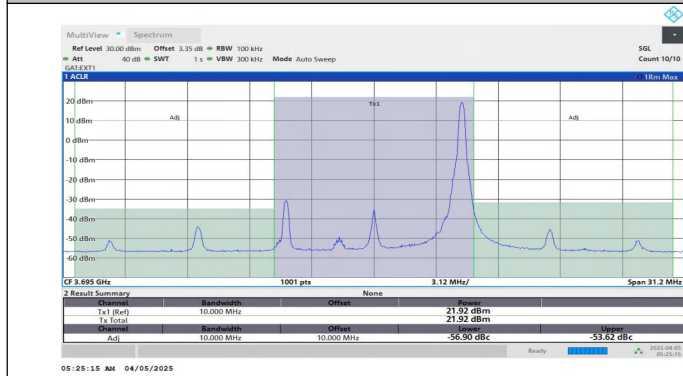




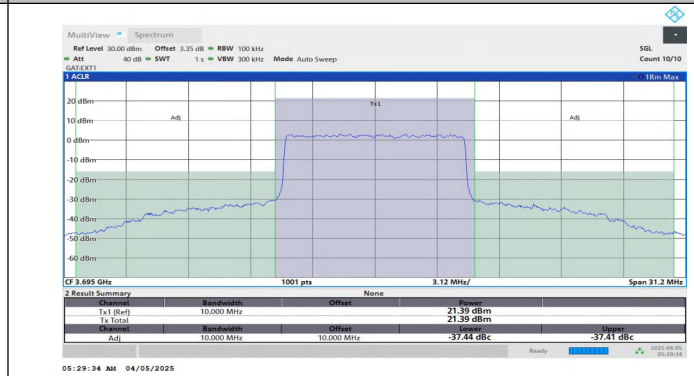
Band48-10MHz-16QAM-55990-50RB#0-PASS



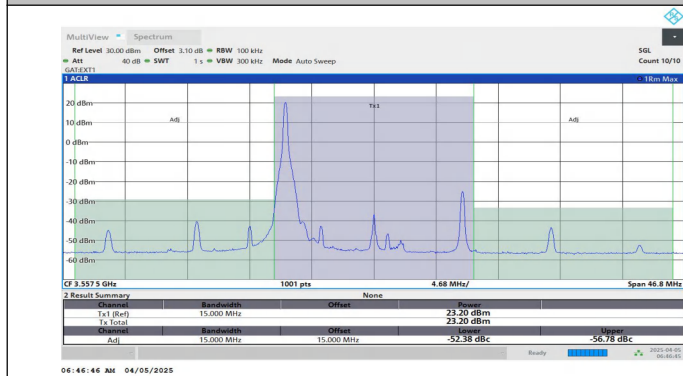
Band48-10MHz-16QAM-56690-1RB#0-PASS



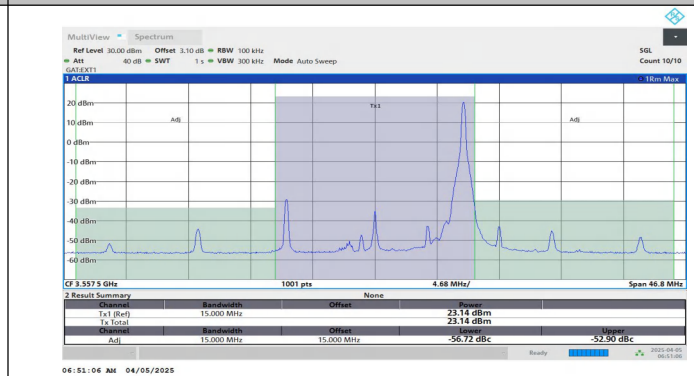
Band48-10MHz-16QAM-56690-1RB#49-PASS



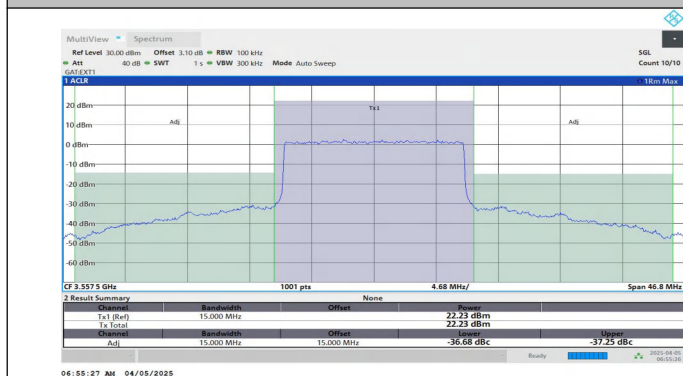
Band48-10MHz-16QAM-56690-50RB#0-PASS



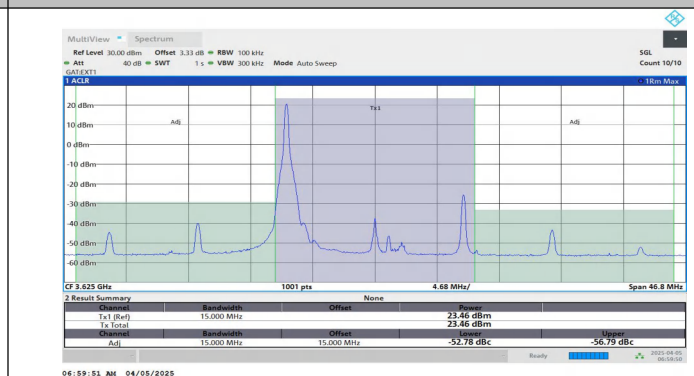
Band48-15MHz-QPSK-55315-1RB#0-PASS



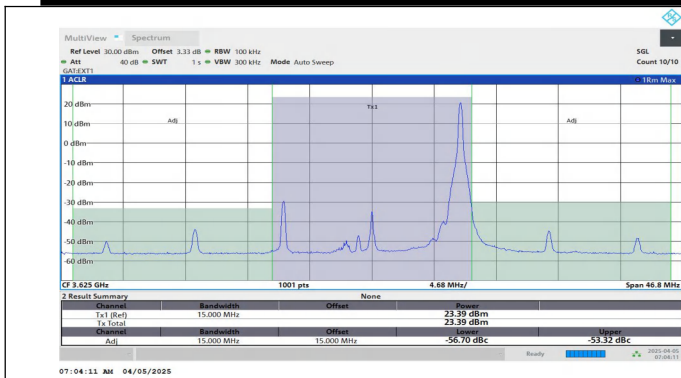
Band48-15MHz-QPSK-55315-1RB#74-PASS



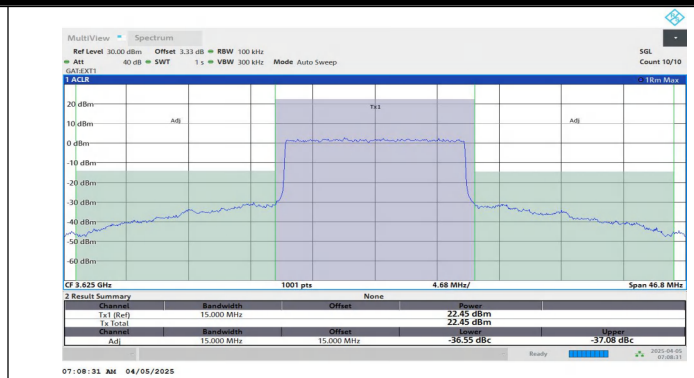
Band48-15MHz-QPSK-55315-75RB#0-PASS



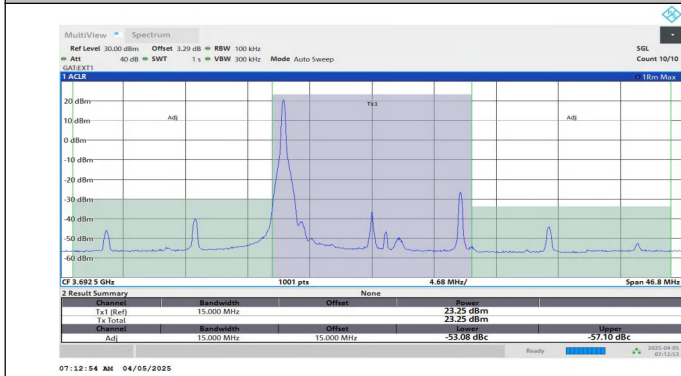
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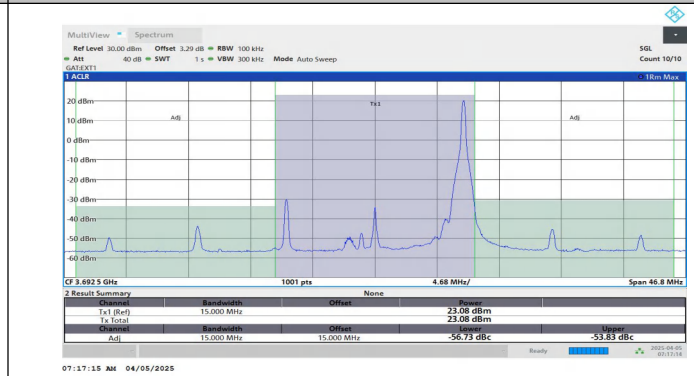
Band48-15MHz-QPSK-55990-1RB#74-PASS



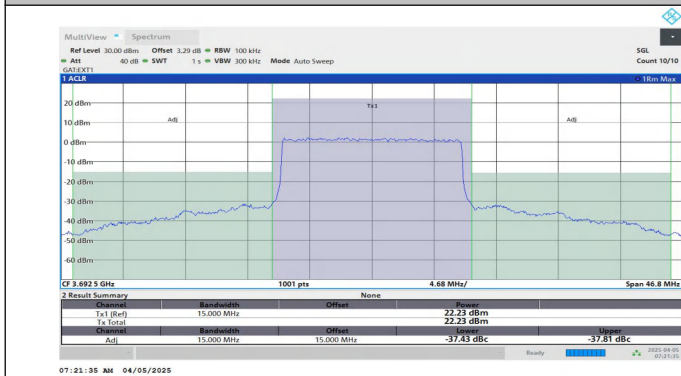
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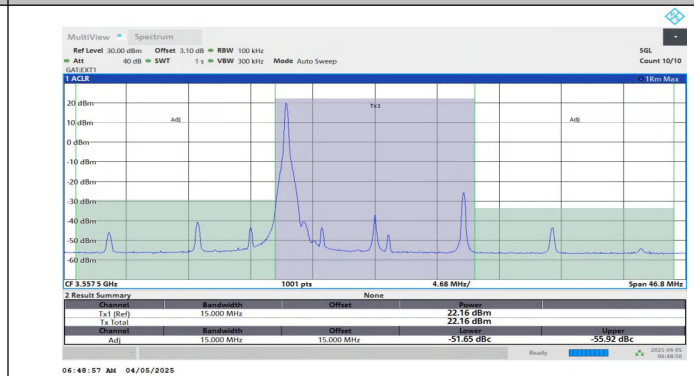
Band48-15MHz-QPSK-56665-1RB#0-PASS



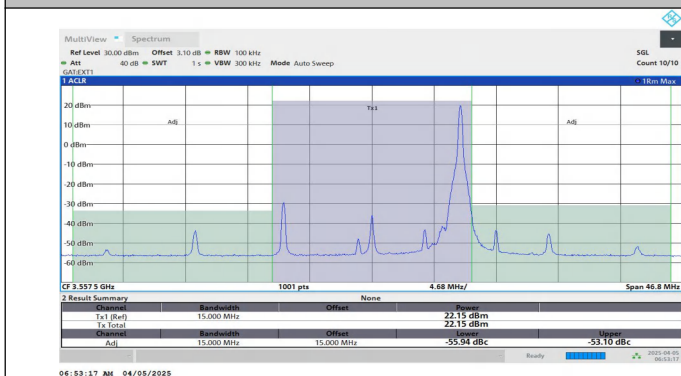
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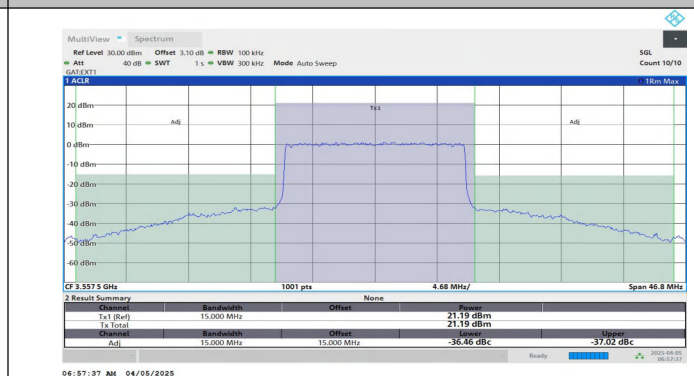
Band48-15MHz-QPSK-56665-75RB#0-PASS



Band48-15MHz-16QAM-55315-1RB#0-PASS

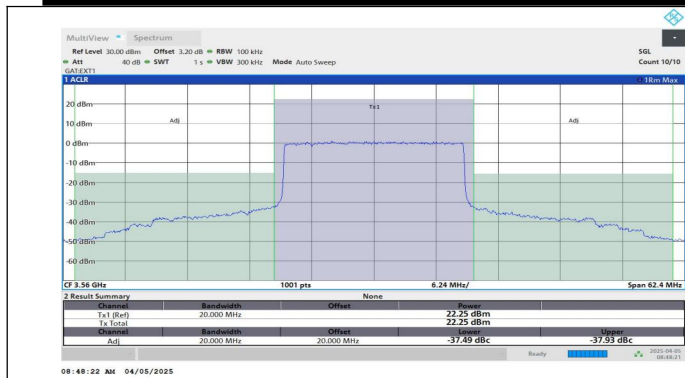


Band48-15MHz-16QAM-55315-1RB#74-PASS

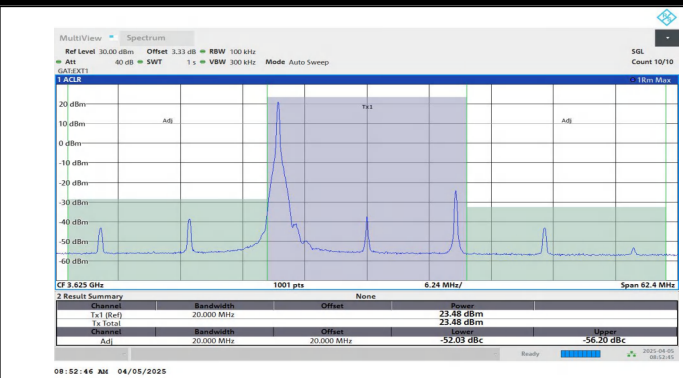


Band48-15MHz-16QAM-55315-75RB#0-PASS

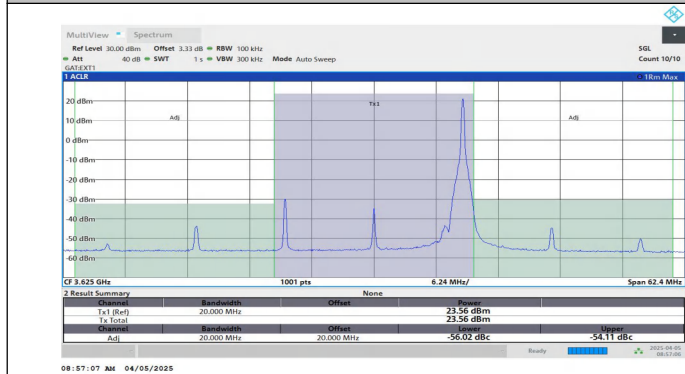




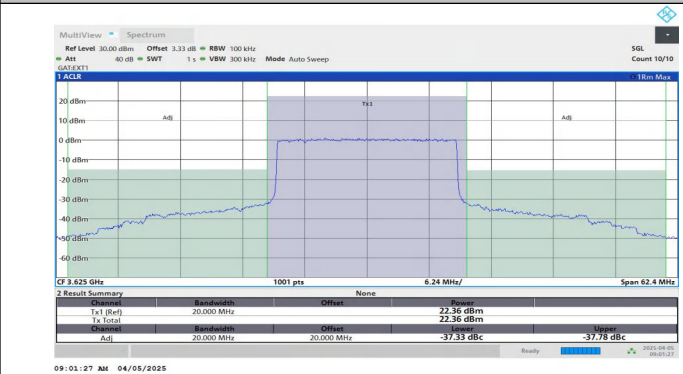
Band48-20MHz-QPSK-55340-100RB#0-PASS



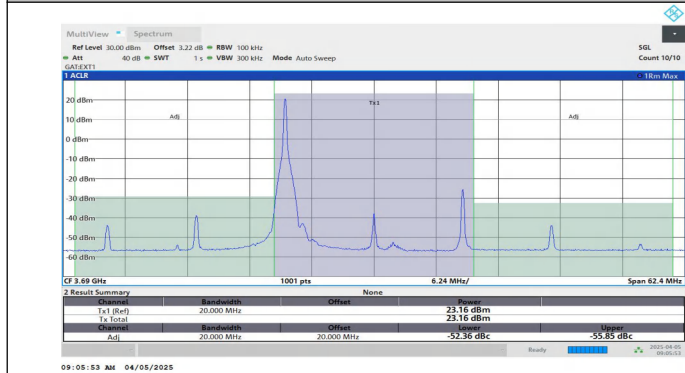
Band48-20MHz-QPSK-55990-1RB#0-PASS



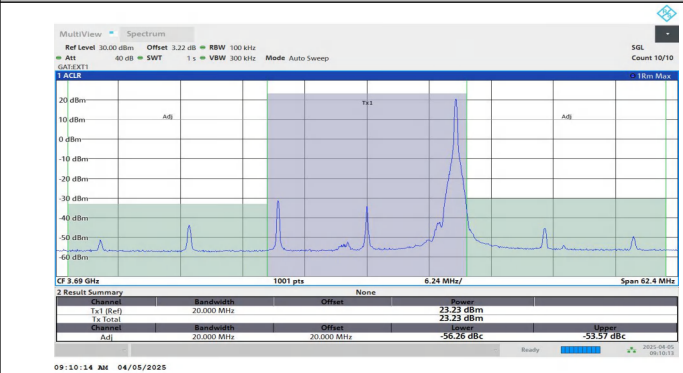
Band48-20MHz-QPSK-55990-1RB#99-PASS



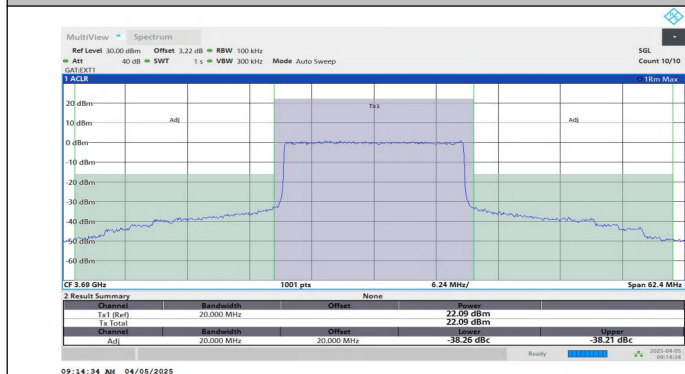
Band48-20MHz-QPSK-55990-100RB#0-PASS



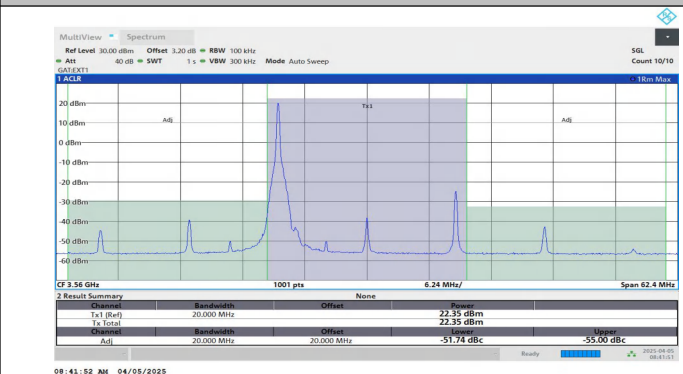
Band48-20MHz-QPSK-56640-1RB#0-PASS



Band48-20MHz-QPSK-56640-1RB#99-PASS



Band48-20MHz-QPSK-56640-100RB#0-PASS



Band48-20MHz-16QAM-55340-1RB#0-PASS