

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth h	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.51	19.40	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.87	19.76	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.72	19.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.51	20.40	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.47	19.36	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.81	19.70	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.54	19.43	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.60	18.49	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.56	19.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.08	18.97	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.45	19.34	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.26	19.15	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.58	19.47	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.26	19.15	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.41	18.30	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.64	18.53	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.94	18.83	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.01	17.90	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.19	19.08	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.53	19.42	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.39	19.28	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.09	19.98	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.35	19.24	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.92	18.81	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.25	19.14	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.34	18.23	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.76	18.65	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.89	17.78	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.27	19.16	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.51	19.40	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	21.31	18.20	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.04	18.93	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.05	17.94	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.35	18.24	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.26	19.15	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.34	18.23	PASS

Band5	1.4MHz	QPSK	20643	3RB#1	21.09	17.98	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	20.70	17.59	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.13	18.02	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.06	16.95	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	20.50	17.39	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.01	16.90	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.56	19.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.20	19.09	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.56	19.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.92	19.81	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.34	19.23	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.95	18.84	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.01	18.90	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.13	18.02	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.98	18.87	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.05	17.94	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.92	18.81	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.02	17.91	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.04	18.93	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.93	17.82	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.24	19.13	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.78	19.67	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.13	19.02	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.07	19.96	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.24	19.13	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.66	19.55	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.81	18.70	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.97	17.86	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.76	18.65	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.95	17.84	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.73	18.62	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.00	17.89	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.73	18.62	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.87	17.76	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.09	18.98	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.08	18.97	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.34	19.23	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.15	20.04	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.06	17.95	PASS
Band5	3MHz	16QAM	20635	1RB#14	20.88	17.77	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.67	18.56	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.84	17.73	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.64	18.53	PASS

Band5	3MHz	16QAM	20635	8RB#4	20.61	17.50	PASS
Band5	3MHz	QPSK	20635	8RB#7	20.51	17.40	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.12	17.01	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.63	18.52	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.65	17.54	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.42	19.31	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.72	19.61	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.26	19.15	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.88	19.77	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.05	18.94	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.31	19.20	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.00	18.89	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.13	18.02	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.90	18.79	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.94	17.83	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.72	18.61	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.96	17.85	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.88	18.77	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.97	17.86	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.50	19.39	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.26	19.15	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.43	19.32	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.87	18.76	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.29	19.18	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.25	19.14	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.70	18.59	PASS
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Band5	5MHz	QPSK	20525	12RB#6	21.71	18.60	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.66	17.55	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.69	18.58	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.84	17.73	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.72	18.61	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.87	17.76	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.25	19.14	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.51	18.40	PASS
Band5	5MHz	QPSK	20625	1RB#12	21.95	18.84	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.05	18.94	PASS
Band5	5MHz	QPSK	20625	1RB#24	20.97	17.86	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.25	17.14	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.72	18.61	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.83	17.72	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.55	18.44	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.56	17.45	PASS

Band5	5MHz	QPSK	20625	12RB#13	21.67	18.56	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.70	17.59	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.60	18.49	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.74	17.63	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.47	19.36	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.42	19.31	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.10	18.99	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.89	19.78	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.26	19.15	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.24	19.13	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.88	18.77	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.00	17.89	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.57	18.46	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.05	17.94	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.66	18.55	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.84	17.73	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.48	18.37	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.93	17.82	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.37	19.26	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.11	19.00	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.13	19.02	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.37	19.26	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.37	19.26	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.04	18.93	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.80	18.69	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.95	17.84	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.81	18.70	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.79	17.68	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.82	18.71	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.90	17.79	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.82	18.71	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.87	17.76	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.10	18.99	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.05	18.94	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.11	19.00	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.08	19.97	PASS
Band5	10MHz	QPSK	20600	1RB#49	20.92	17.81	PASS
Band5	10MHz	16QAM	20600	1RB#49	20.75	17.64	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.67	18.56	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.76	17.65	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.77	18.66	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.90	17.79	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.56	18.45	PASS

Band5	10MHz	16QAM	20600	25RB#25	20.63	17.52	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.75	18.64	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.84	17.73	PASS

Note: Calculate power in dBm by the following formula:

ERP (dBm) = Conducted Power (dBm) + antenna gain (dBd)

EIRP(dBm) = Conducted Power (dBm) + antenna gain (dBi)

EIRP=ERP+2.15dB

ERP (dBm) =Conducted Power (dBm) + antenna gain (dBi)-2.15dB

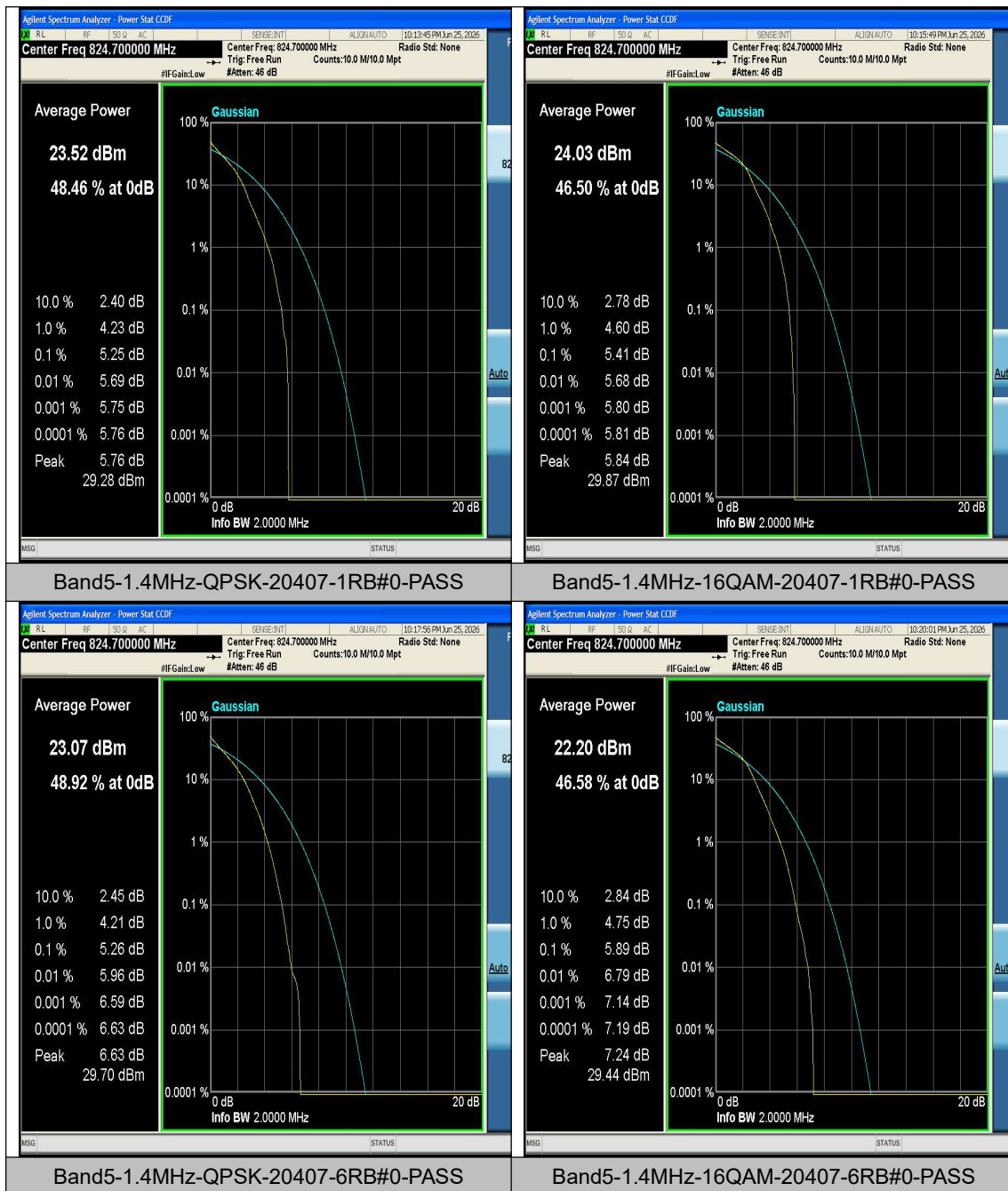
Appendix B: Peak-to-Average Ratio(CCDF)

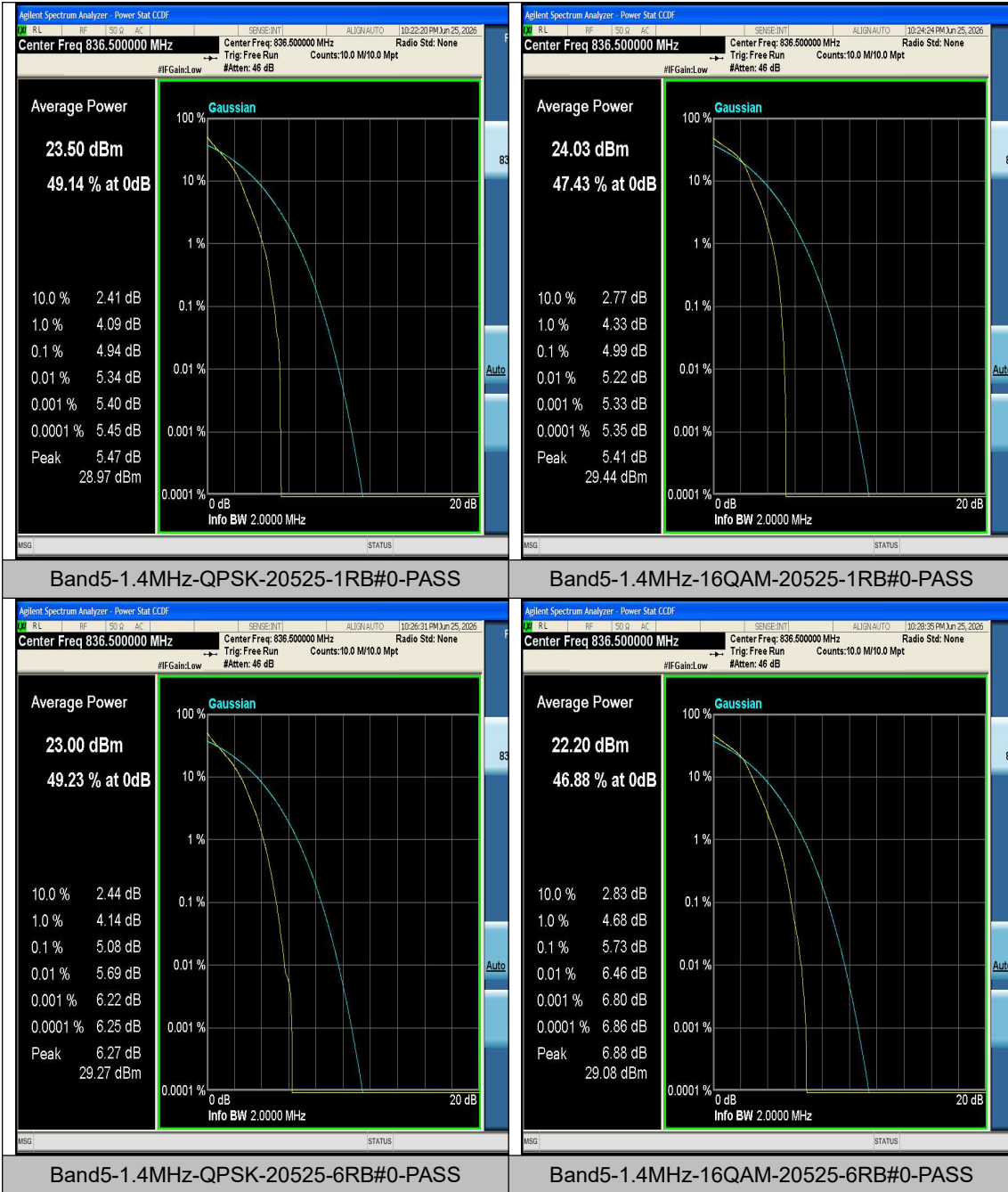
Test Result

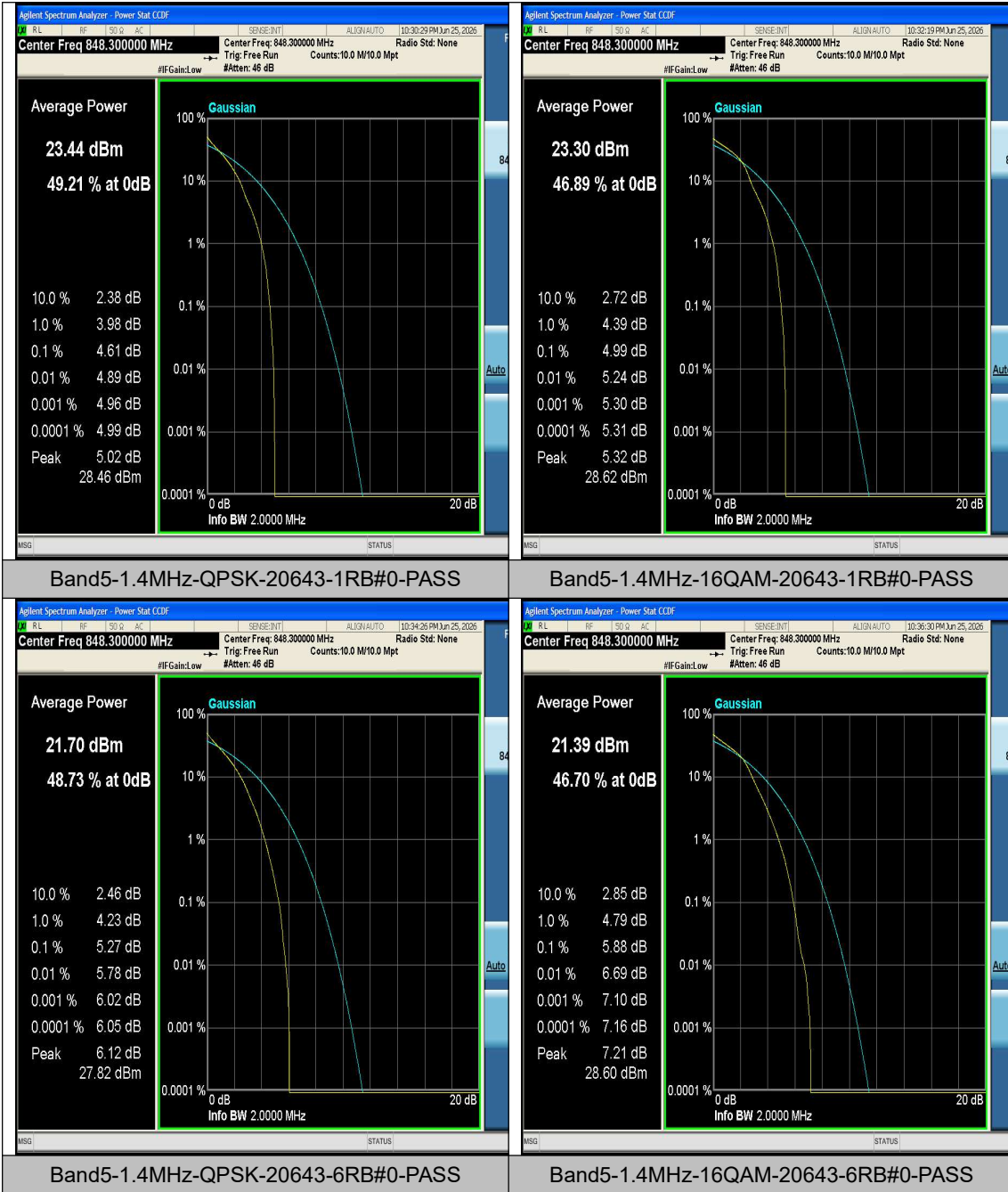
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.25	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.41	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.26	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.89	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.94	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	4.99	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.08	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.73	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.61	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.99	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.27	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.88	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.10	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.66	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.22	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.99	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.69	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.03	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.04	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.83	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.99	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.15	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.99	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.82	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.34	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.66	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.33	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.96	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.79	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.13	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.22	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.95	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.64	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.84	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.31	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.95	13	PASS

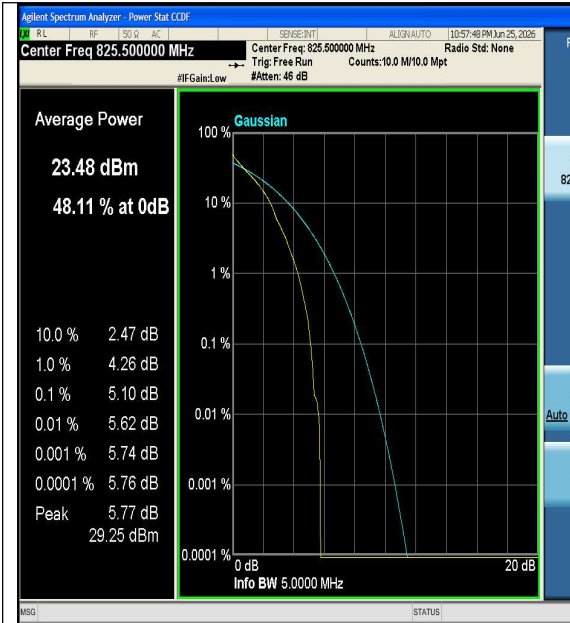
Band5	10MHz	QPSK	20450	1RB#0	5.14	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.68	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.35	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.95	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.44	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	4.89	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.25	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.98	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.03	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.58	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.30	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.99	13	PASS

Test Graphs

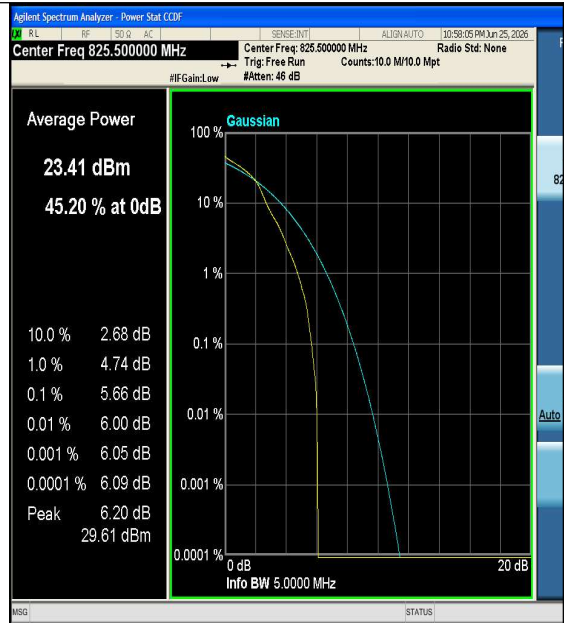








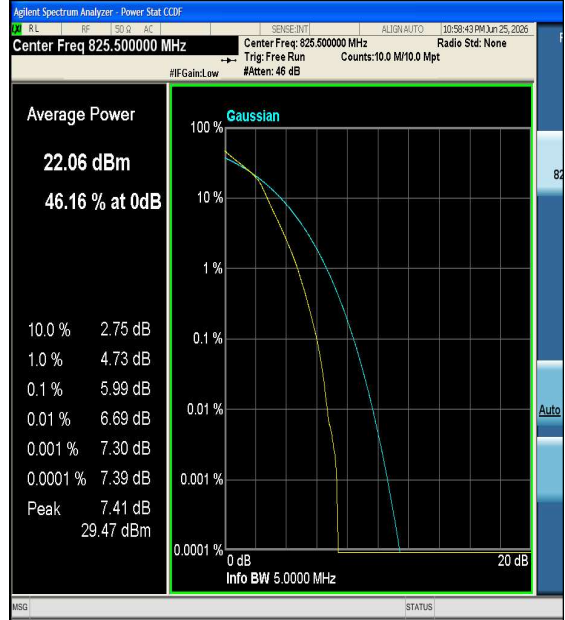
Band5-3MHz-QPSK-20415-1RB#0-PASS



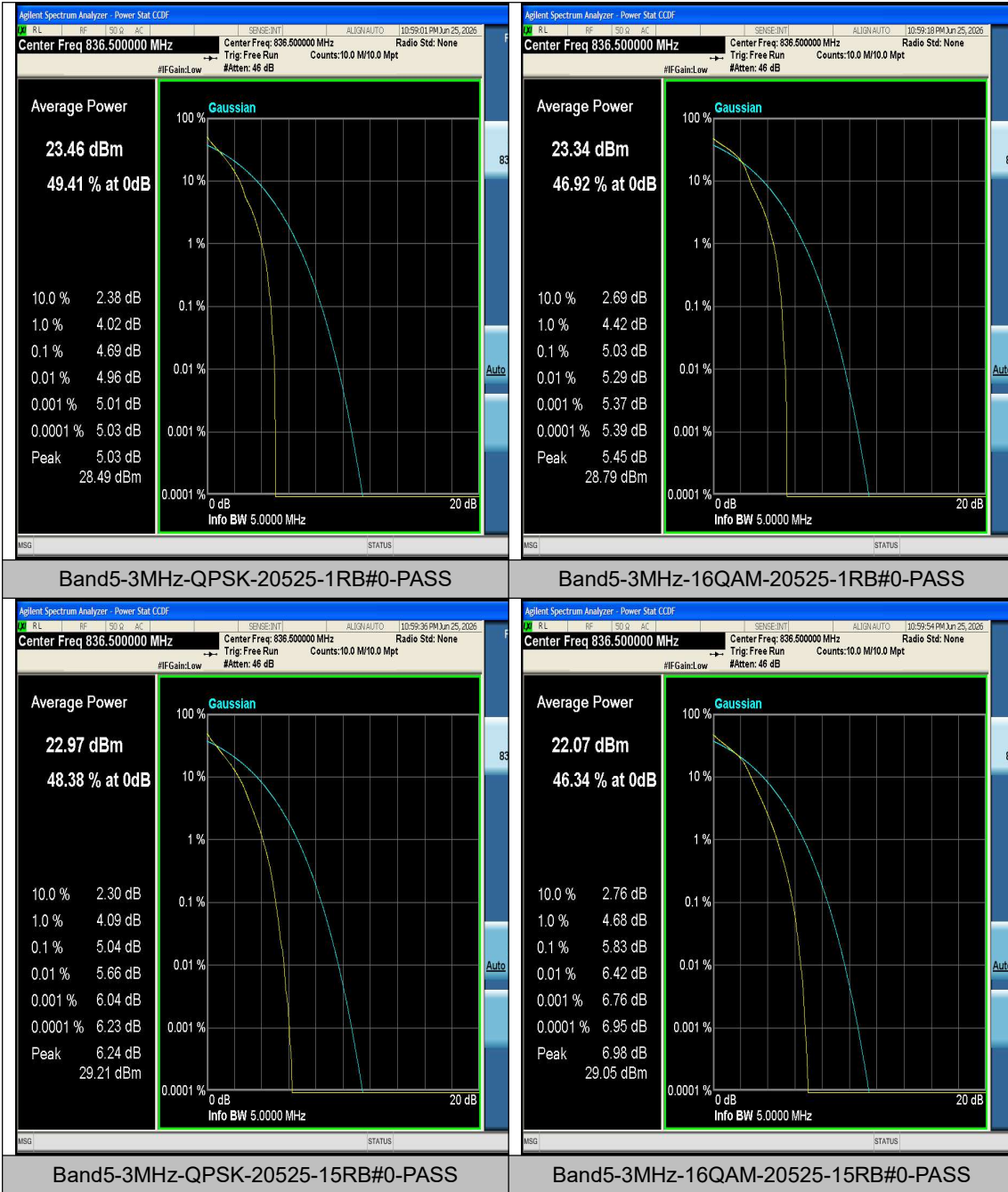
Band5-3MHz-16QAM-20415-1RB#0-PASS

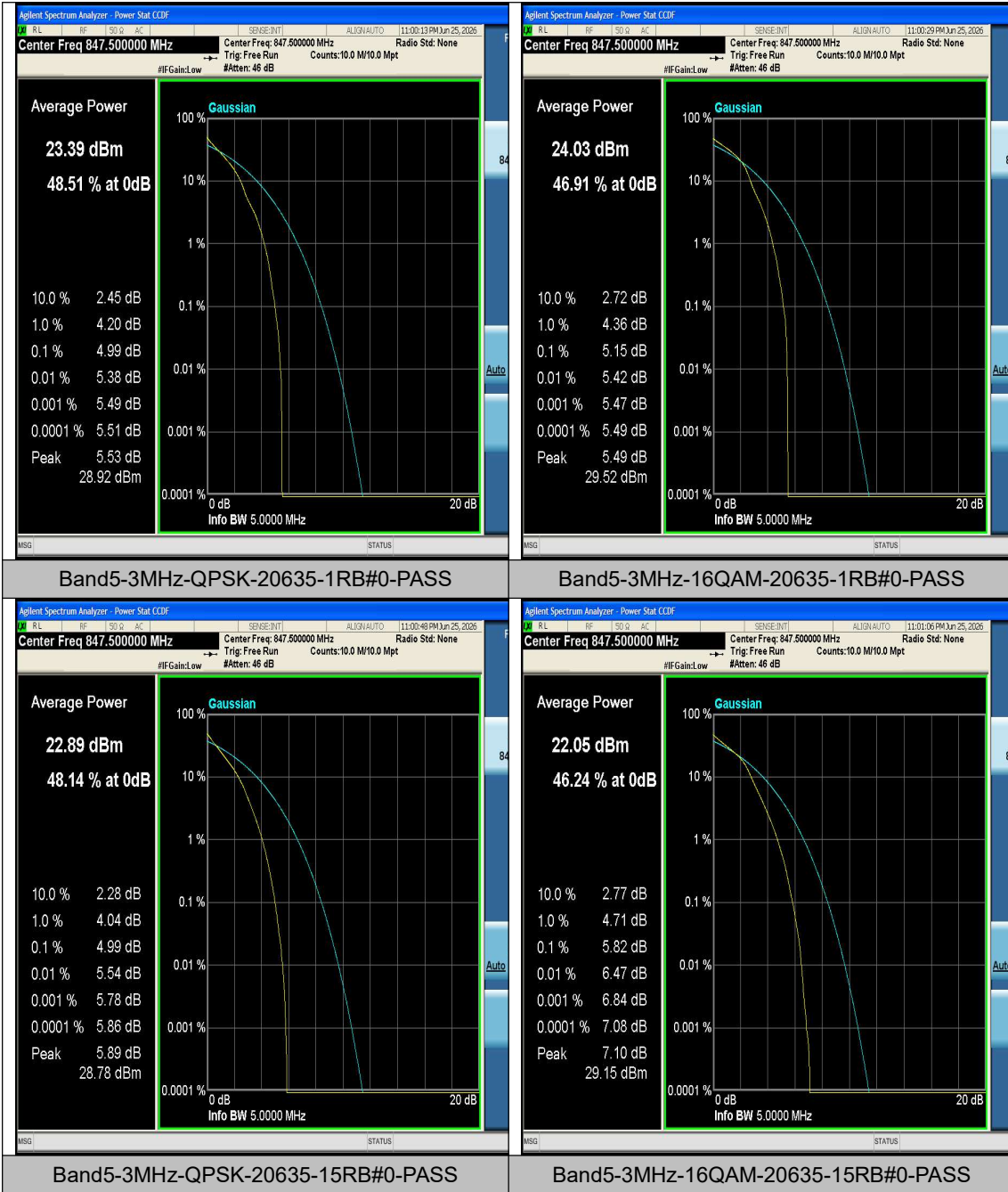


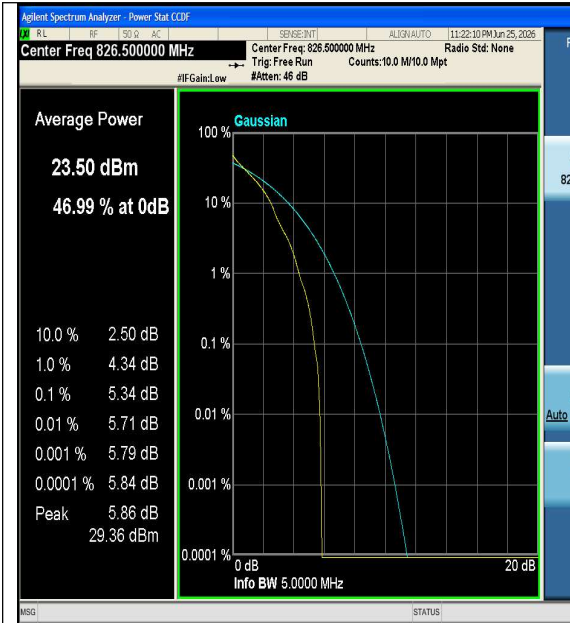
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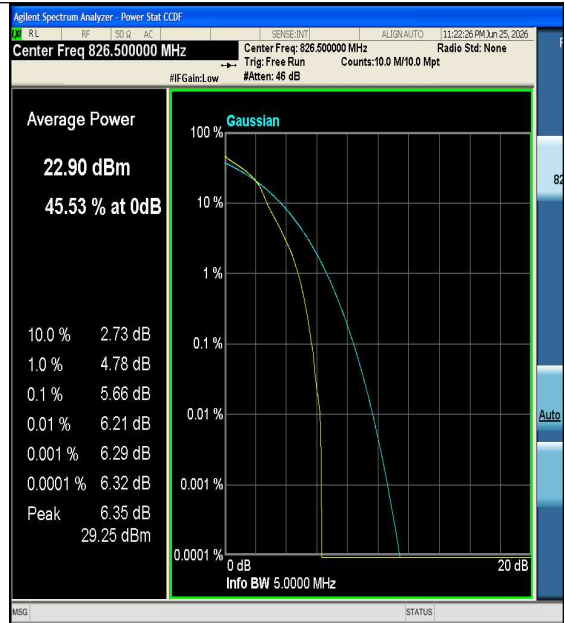
Band5-3MHz-16QAM-20415-15RB#0-PASS







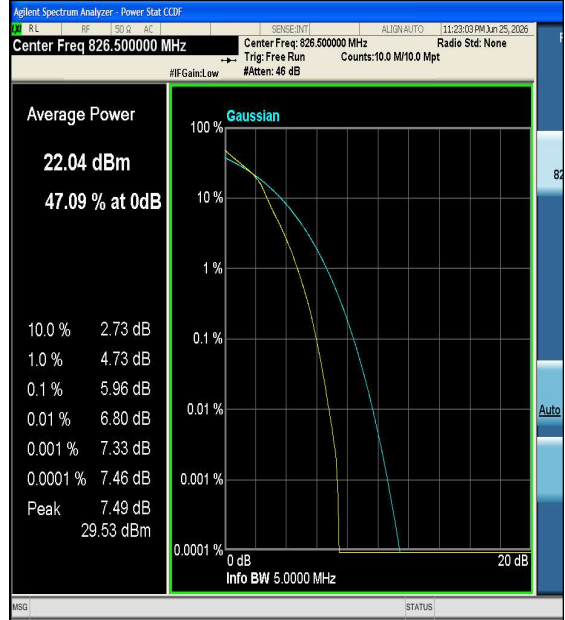
Band5-5MHz-QPSK-20425-1RB#0-PASS



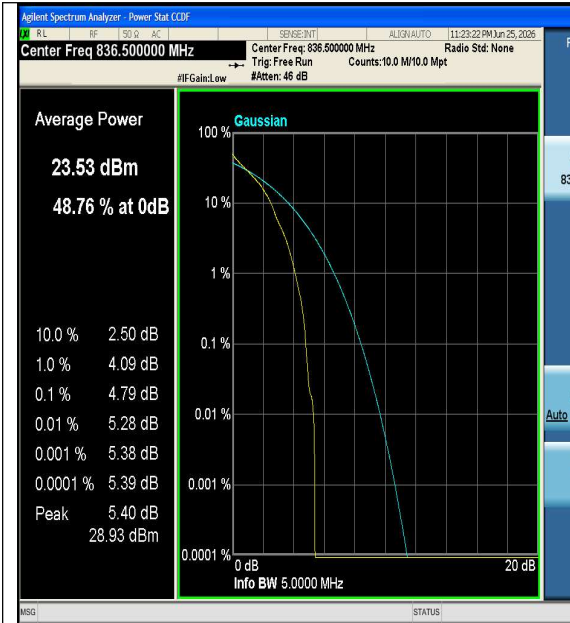
Band5-5MHz-16QAM-20425-1RB#0-PASS



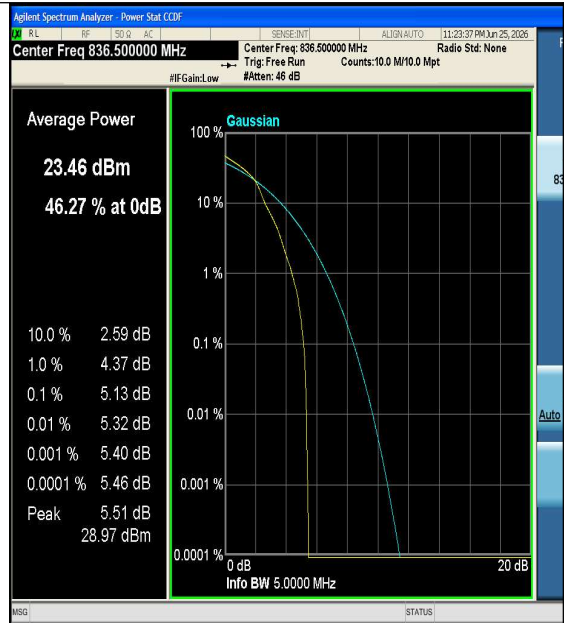
Band5-5MHz-QPSK-20425-25RB#0-PASS



Band5-5MHz-16QAM-20425-25RB#0-PASS



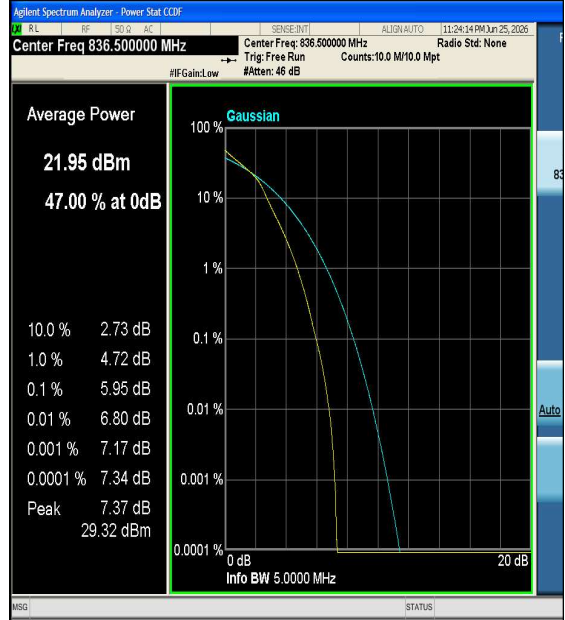
Band5-5MHz-QPSK-20525-1RB#0-PASS



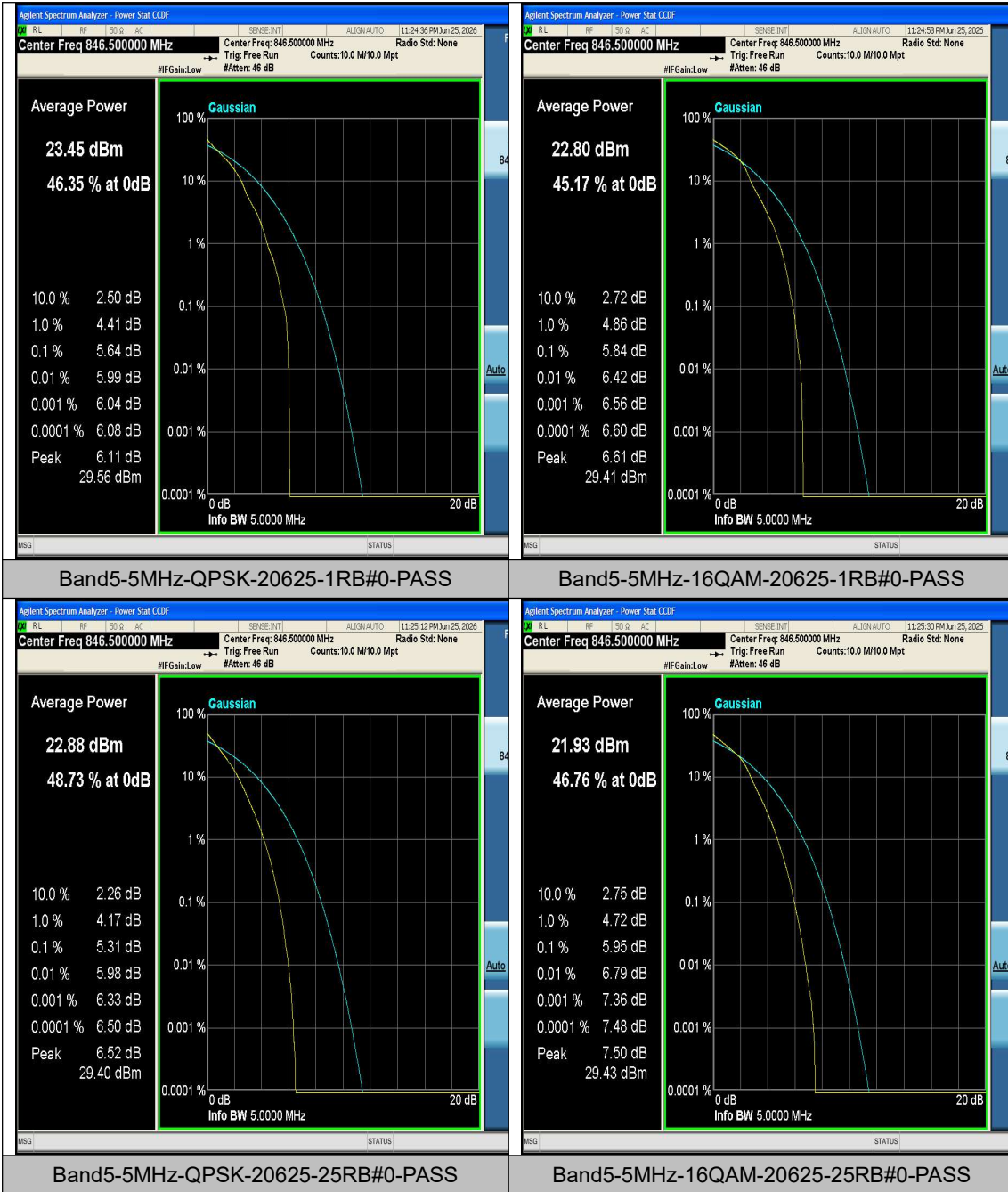
Band5-5MHz-16QAM-20525-1RB#0-PASS

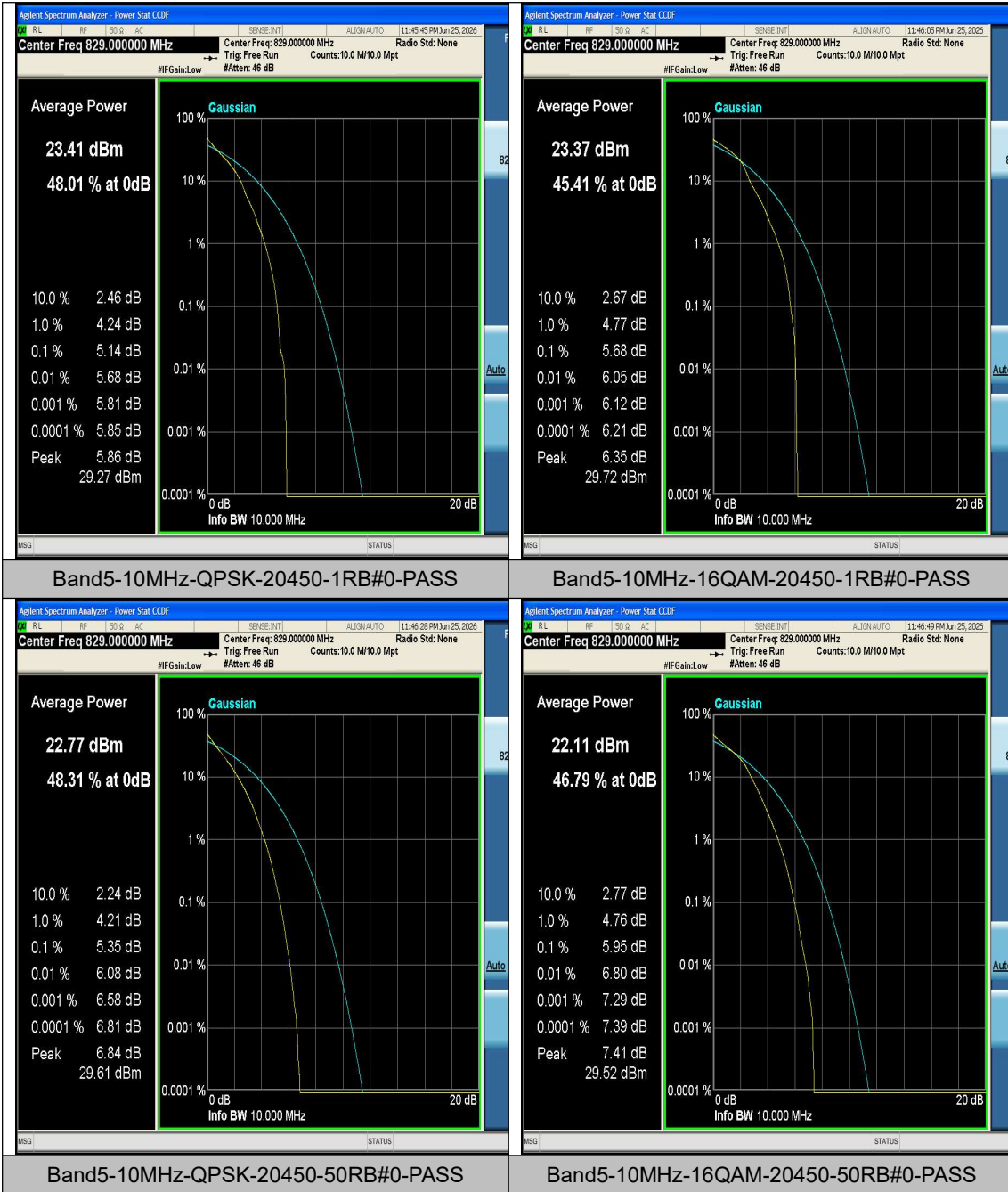


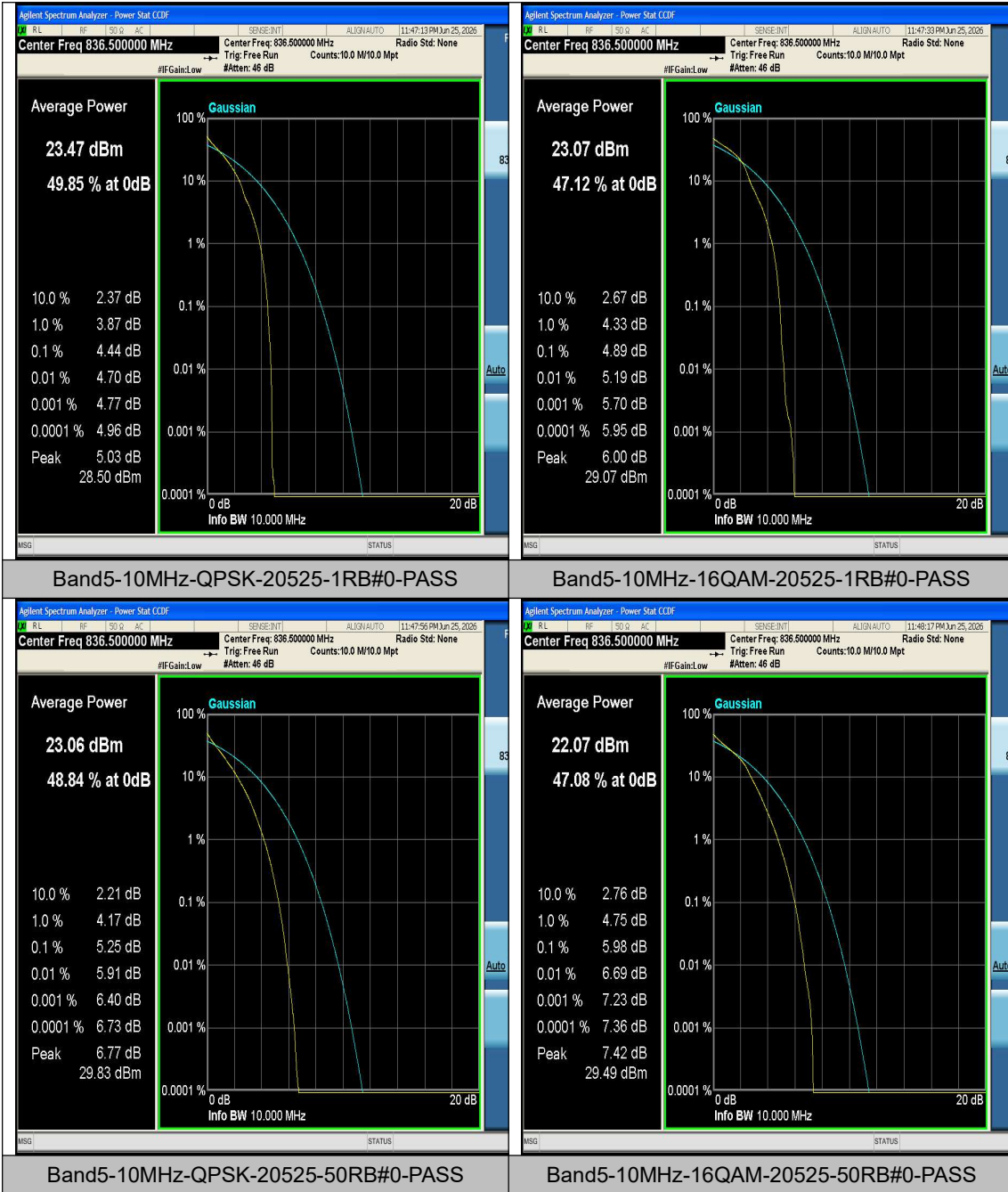
Band5-5MHz-QPSK-20525-25RB#0-PASS

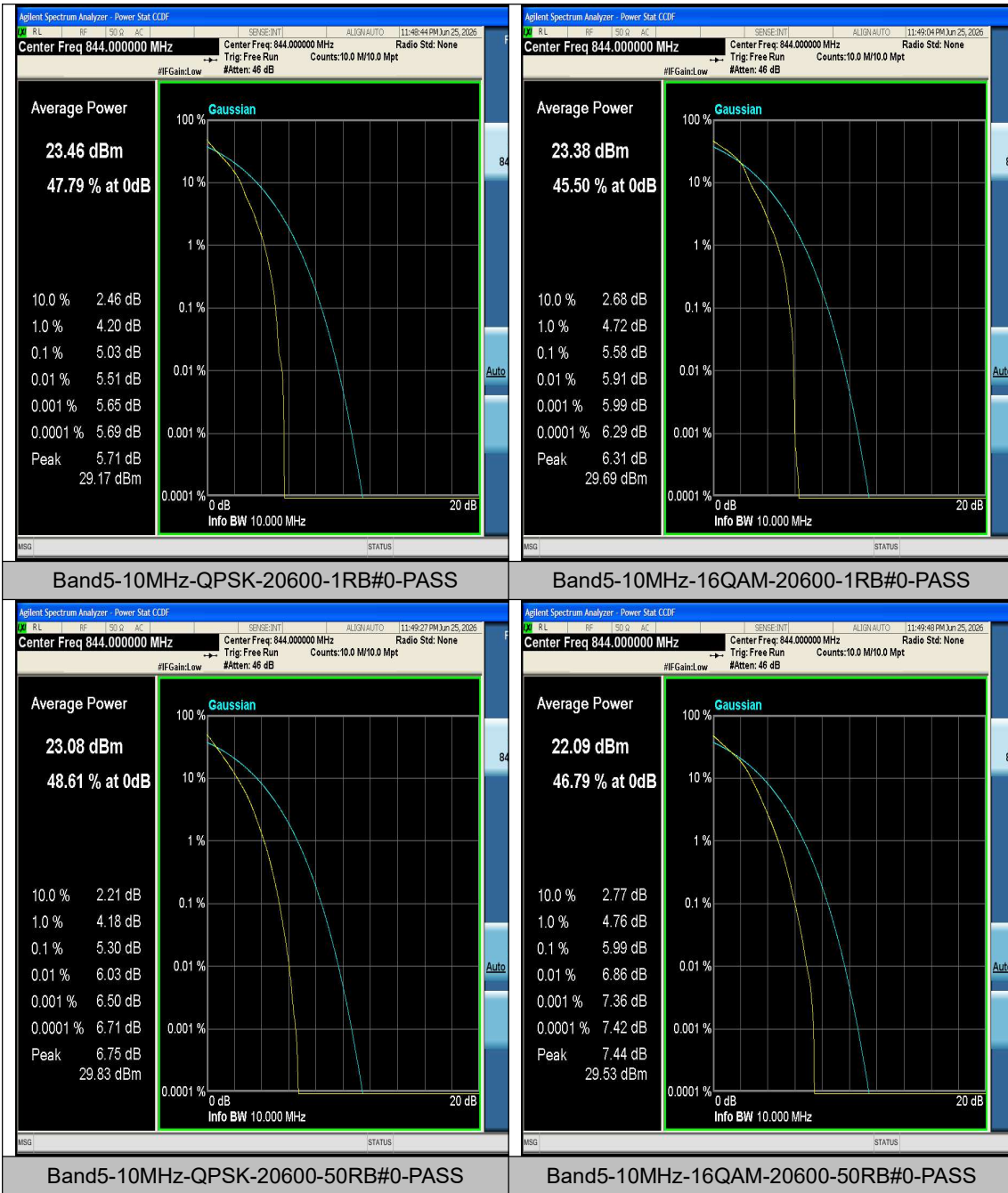


Band5-5MHz-16QAM-20525-25RB#0-PASS







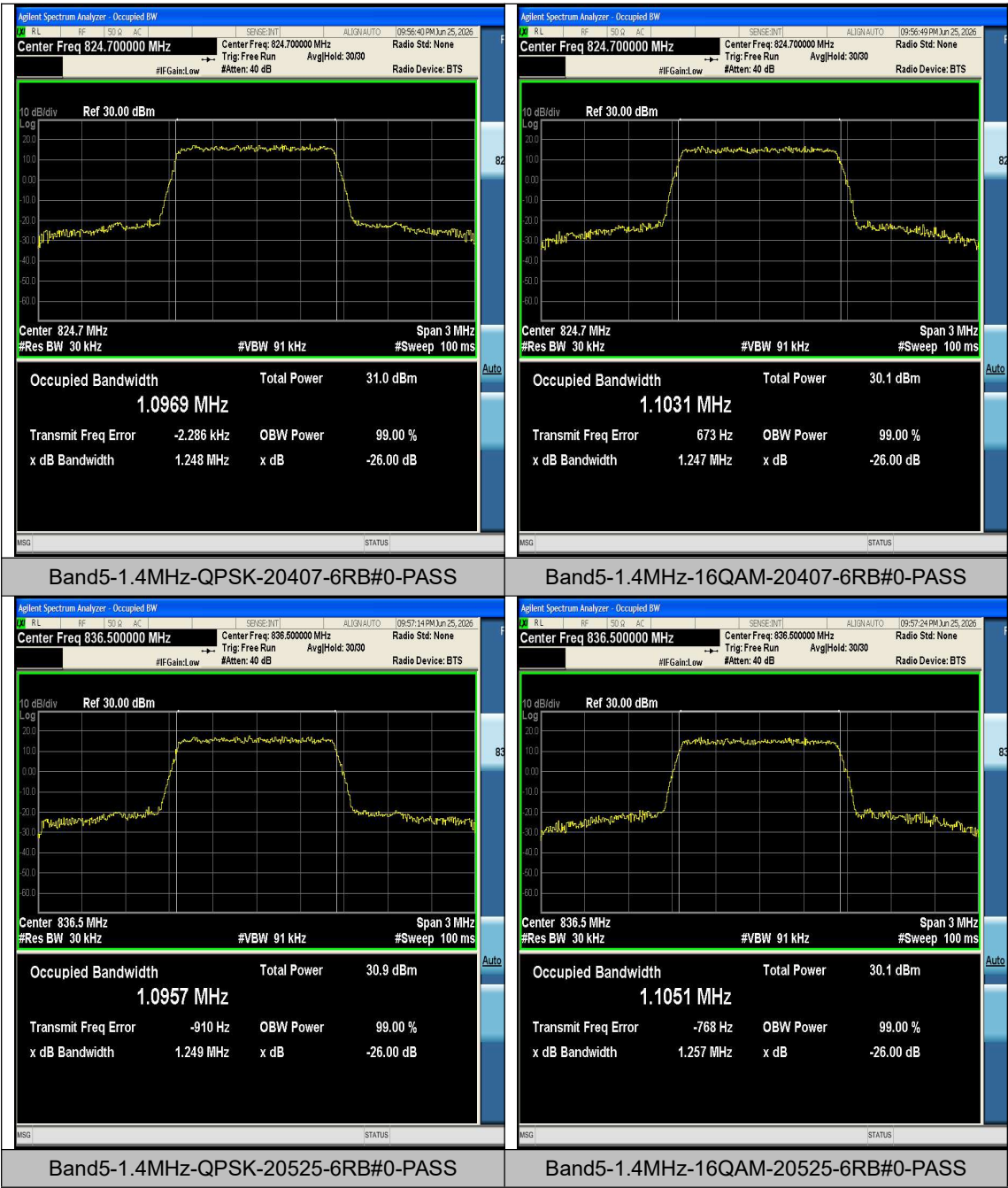


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0969	1.248	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1031	1.247	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0957	1.249	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1051	1.257	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0960	1.243	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0992	1.247	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7142	3.012	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7048	3.036	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7050	3.034	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7095	3.034	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7083	3.006	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7036	3.020	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5188	4.982	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4985	4.956	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4978	4.977	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5293	5.003	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5145	4.987	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5000	4.972	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9948	9.944	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9897	9.933	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0036	9.891	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9949	9.980	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9722	9.924	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9834	9.916	PASS

Test Graphs





Band5-1.4MHz-QPSK-20643-6RB#0-PASS



Band5-1.4MHz-16QAM-20643-6RB#0-PASS



Band5-3MHz-QPSK-20415-15RB#0-PASS



Band5-3MHz-16QAM-20415-15RB#0-PASS