



FCC Appendix RF Test Data for Band 26-2

Product Name: Smart Phone

Test Model: Philips S8310

Environmental Conditions

Temperature:	23.6° C
Relative Humidity:	54.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Zoey Cao
Supervised by:	Eric Wang

1 Peak-to-Average Ratio(CCDF)

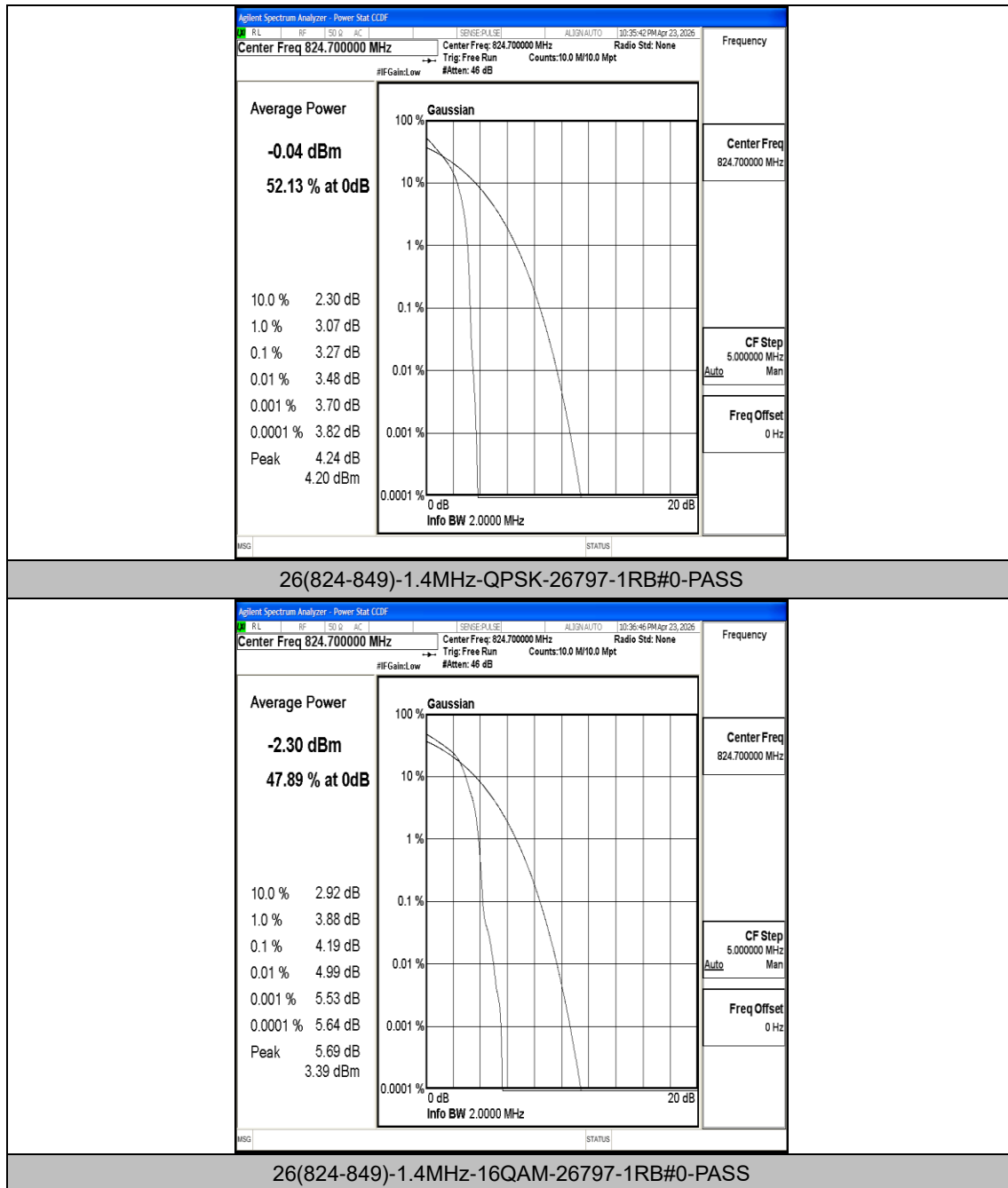
Test Result

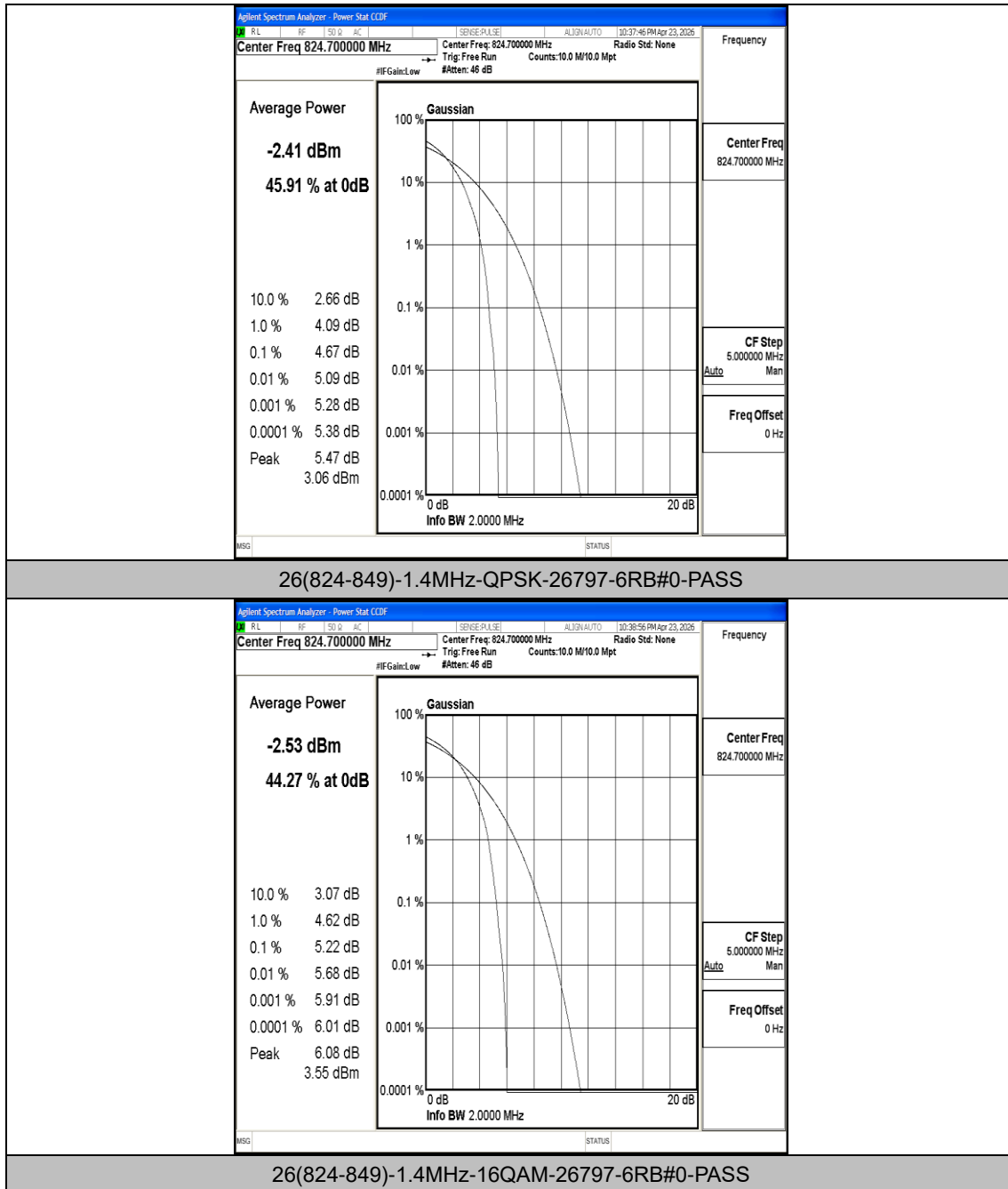
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
26(824-849)	1.4MHz	QPSK	26797	1RB#0	3.27	13	PASS
26(824-849)	1.4MHz	16QAM	26797	1RB#0	4.19	13	PASS
26(824-849)	1.4MHz	QPSK	26797	6RB#0	4.67	13	PASS
26(824-849)	1.4MHz	16QAM	26797	6RB#0	5.22	13	PASS
26(824-849)	1.4MHz	QPSK	26915	1RB#0	4.32	13	PASS
26(824-849)	3MHz	QPSK	26805	1RB#0	3.49	13	PASS
26(824-849)	3MHz	16QAM	26805	1RB#0	4.31	13	PASS
26(824-849)	3MHz	QPSK	26805	15RB#0	4.96	13	PASS
26(824-849)	1.4MHz	16QAM	26915	1RB#0	4.81	13	PASS
26(824-849)	1.4MHz	QPSK	26915	6RB#0	5.25	13	PASS
26(824-849)	1.4MHz	16QAM	26915	6RB#0	5.64	13	PASS
26(824-849)	1.4MHz	QPSK	27033	1RB#0	5.56	13	PASS
26(824-849)	1.4MHz	16QAM	27033	1RB#0	6.25	13	PASS
26(824-849)	1.4MHz	QPSK	27033	6RB#0	7.23	13	PASS
26(824-849)	1.4MHz	16QAM	27033	6RB#0	8.63	13	PASS
26(824-849)	3MHz	16QAM	26805	15RB#0	5.65	13	PASS
26(824-849)	3MHz	QPSK	26915	1RB#0	4.20	13	PASS
26(824-849)	3MHz	16QAM	26915	1RB#0	4.80	13	PASS
26(824-849)	3MHz	QPSK	26915	15RB#0	5.33	13	PASS
26(824-849)	3MHz	16QAM	26915	15RB#0	5.69	13	PASS
26(824-849)	3MHz	QPSK	27025	1RB#0	4.15	13	PASS
26(824-849)	3MHz	16QAM	27025	1RB#0	5.03	13	PASS
26(824-849)	3MHz	QPSK	27025	15RB#0	7.15	13	PASS
26(824-849)	3MHz	16QAM	27025	15RB#0	7.36	13	PASS
26(824-849)	5MHz	QPSK	26815	1RB#0	4.05	13	PASS
26(824-849)	5MHz	16QAM	26815	1RB#0	4.82	13	PASS
26(824-849)	5MHz	QPSK	26815	25RB#0	4.78	13	PASS
26(824-849)	5MHz	16QAM	26815	25RB#0	5.68	13	PASS
26(824-849)	5MHz	QPSK	26915	1RB#0	7.97	13	PASS
26(824-849)	5MHz	16QAM	26915	1RB#0	8.55	13	PASS
26(824-849)	5MHz	QPSK	26915	25RB#0	5.52	13	PASS
26(824-849)	5MHz	16QAM	26915	25RB#0	6.05	13	PASS
26(824-849)	5MHz	QPSK	27015	1RB#0	3.88	13	PASS
26(824-849)	5MHz	16QAM	27015	1RB#0	4.56	13	PASS
26(824-849)	5MHz	QPSK	27015	25RB#0	5.85	13	PASS
26(824-849)	5MHz	16QAM	27015	25RB#0	6.22	13	PASS

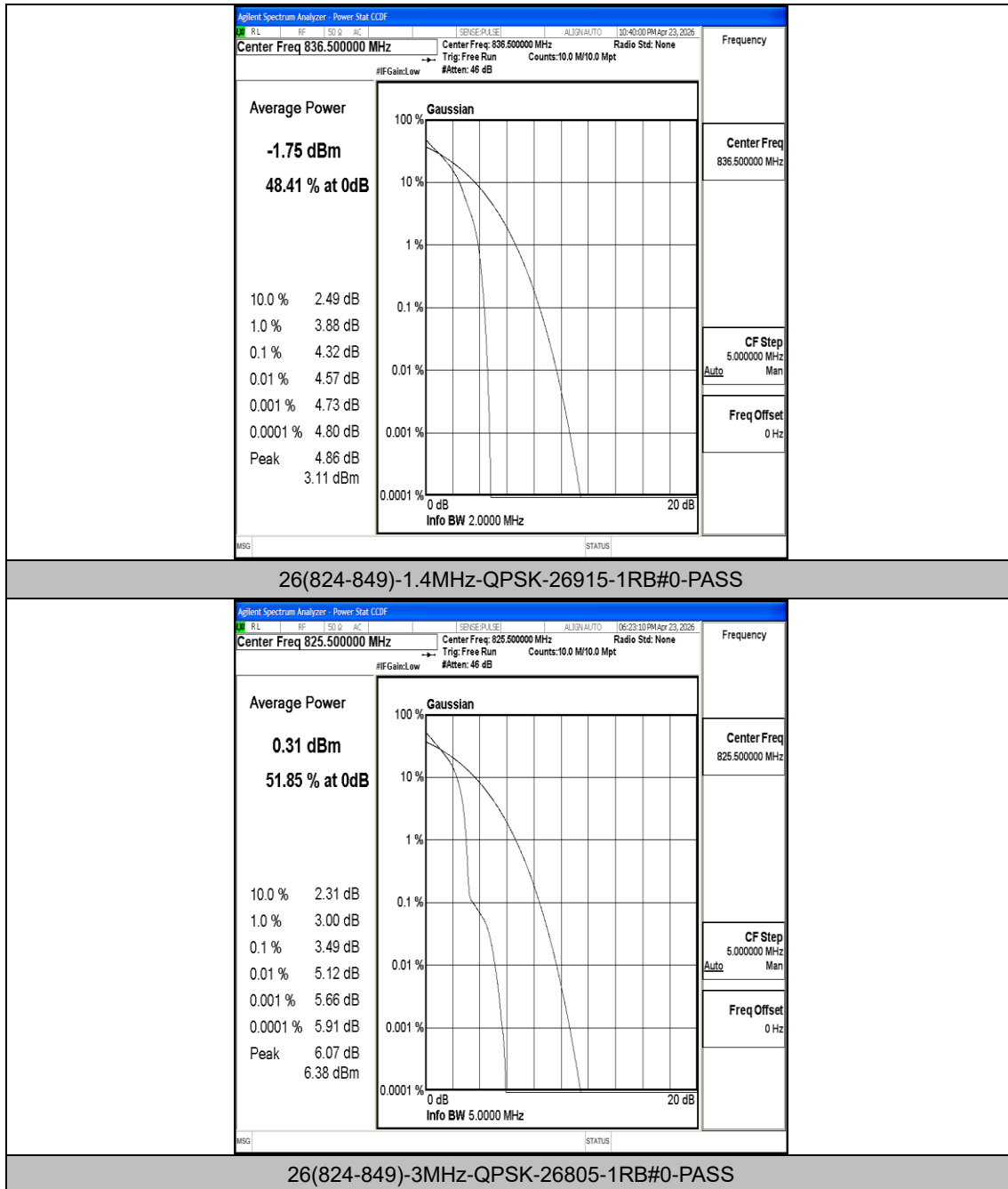


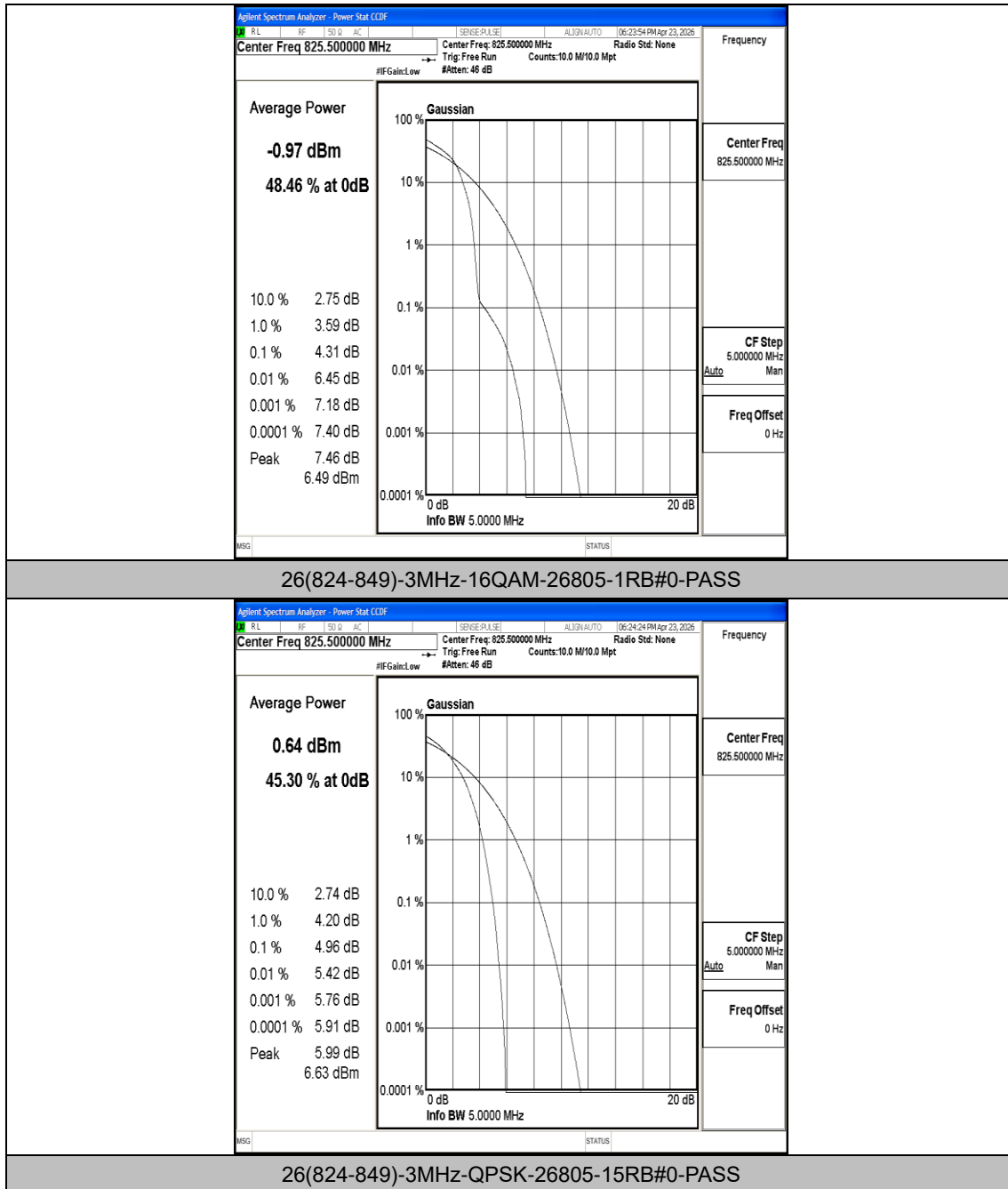
26(824-849)	10MHz	QPSK	26840	1RB#0	4.06	13	PASS
26(824-849)	10MHz	16QAM	26840	1RB#0	4.70	13	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	4.36	13	PASS
26(824-849)	10MHz	16QAM	26840	50RB#0	5.47	13	PASS
26(824-849)	10MHz	QPSK	26915	1RB#0	5.61	13	PASS
26(824-849)	10MHz	16QAM	26915	1RB#0	6.07	13	PASS
26(824-849)	10MHz	QPSK	26915	50RB#0	6.52	13	PASS
26(824-849)	10MHz	16QAM	26915	50RB#0	7.00	13	PASS
26(824-849)	10MHz	QPSK	26990	1RB#0	2.55	13	PASS
26(824-849)	10MHz	16QAM	26990	1RB#0	3.05	13	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	4.96	13	PASS
26(824-849)	10MHz	16QAM	26990	50RB#0	6.12	13	PASS
26(824-849)	15MHz	QPSK	26865	1RB#0	3.53	13	PASS
26(824-849)	15MHz	16QAM	26865	1RB#0	3.98	13	PASS
26(824-849)	15MHz	QPSK	26865	75RB#0	5.06	13	PASS
26(824-849)	15MHz	16QAM	26865	75RB#0	5.99	13	PASS
26(824-849)	15MHz	QPSK	26915	1RB#0	2.15	13	PASS
26(824-849)	15MHz	16QAM	26915	1RB#0	2.72	13	PASS
26(824-849)	15MHz	QPSK	26915	75RB#0	5.98	13	PASS
26(824-849)	15MHz	16QAM	26915	75RB#0	6.27	13	PASS
26(824-849)	15MHz	QPSK	26965	1RB#0	7.33	13	PASS
26(824-849)	15MHz	16QAM	26965	1RB#0	8.55	13	PASS
26(824-849)	15MHz	QPSK	26965	75RB#0	5.17	13	PASS
26(824-849)	15MHz	16QAM	26965	75RB#0	8.26	13	PASS

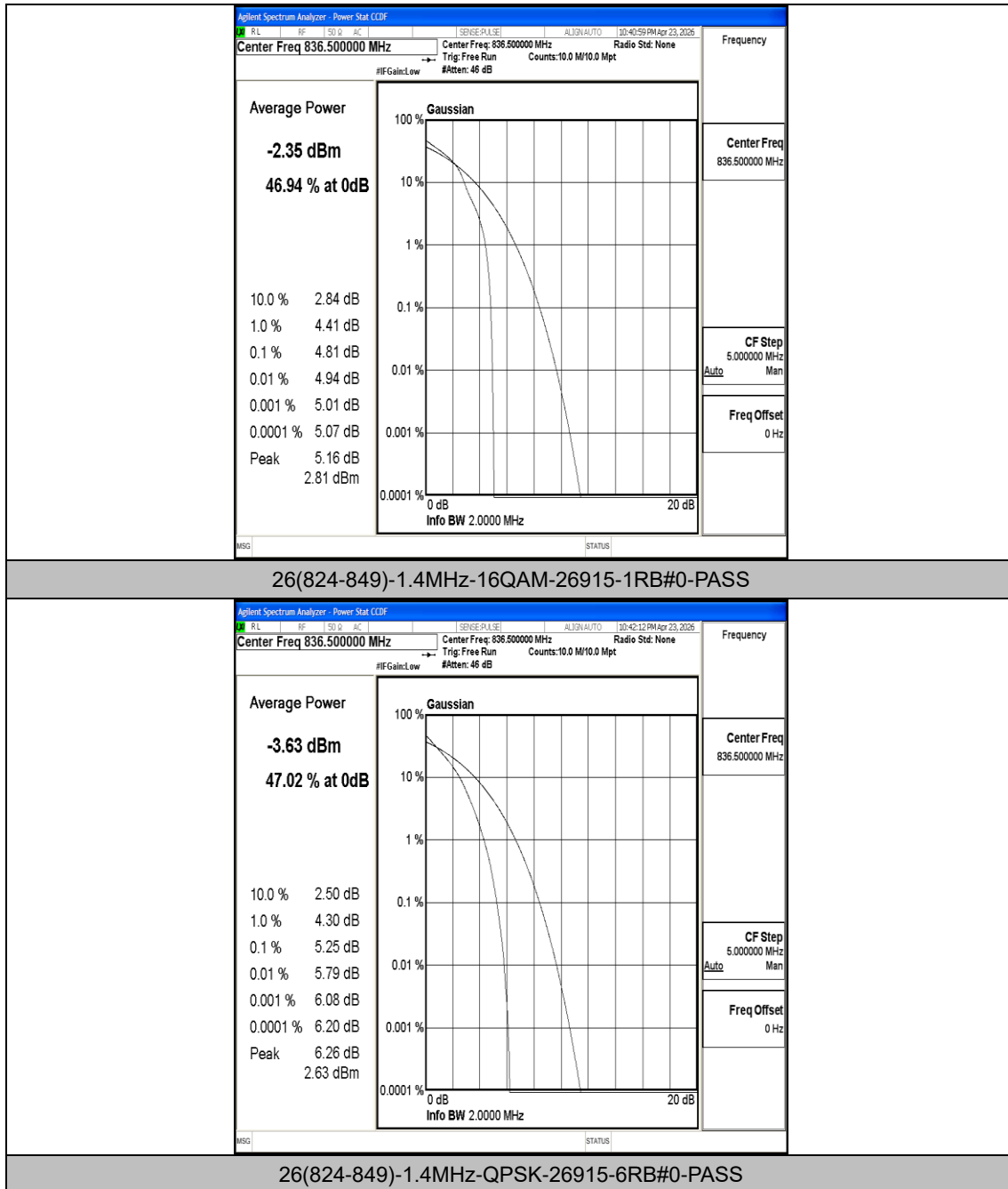
Test Graphs

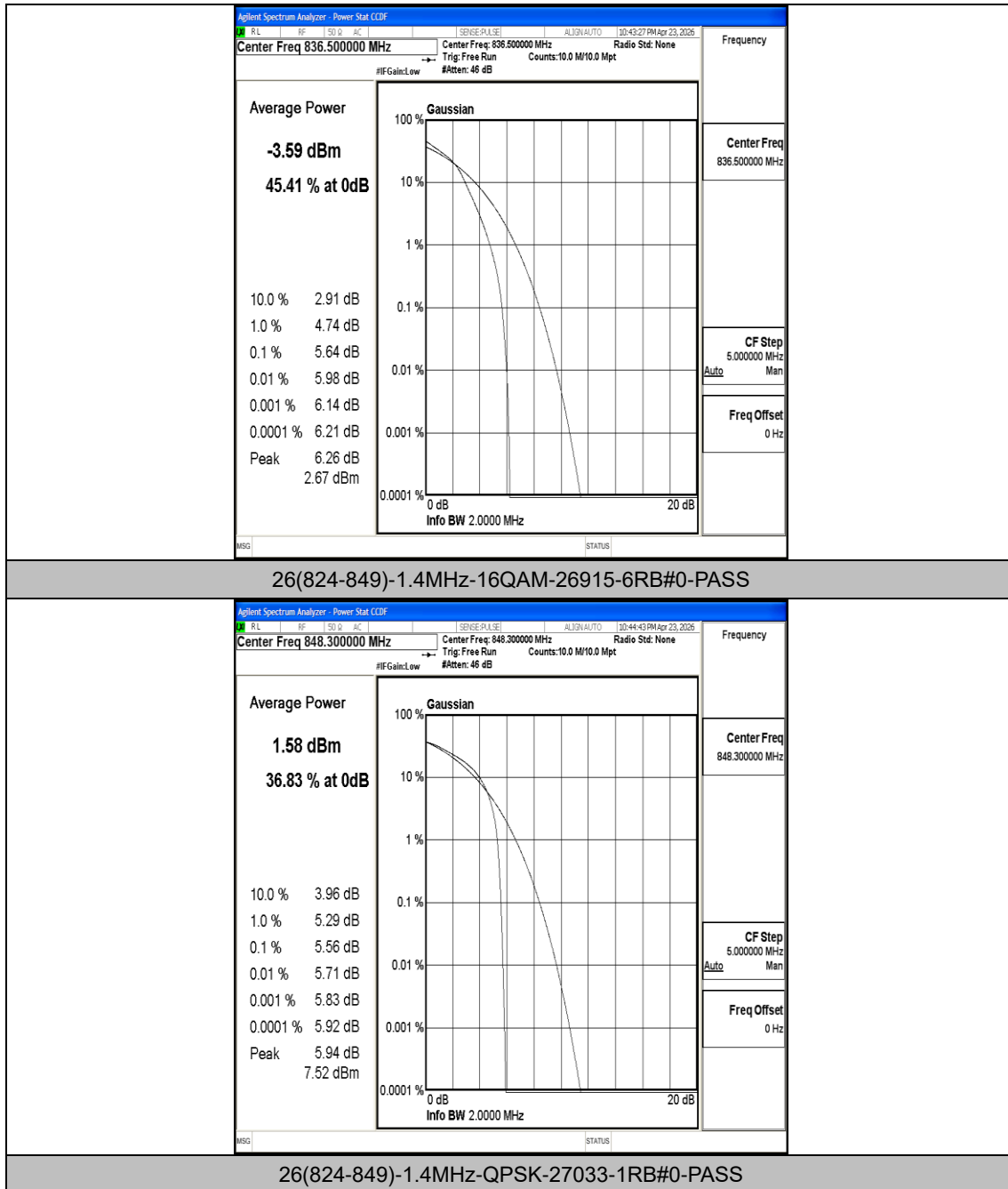


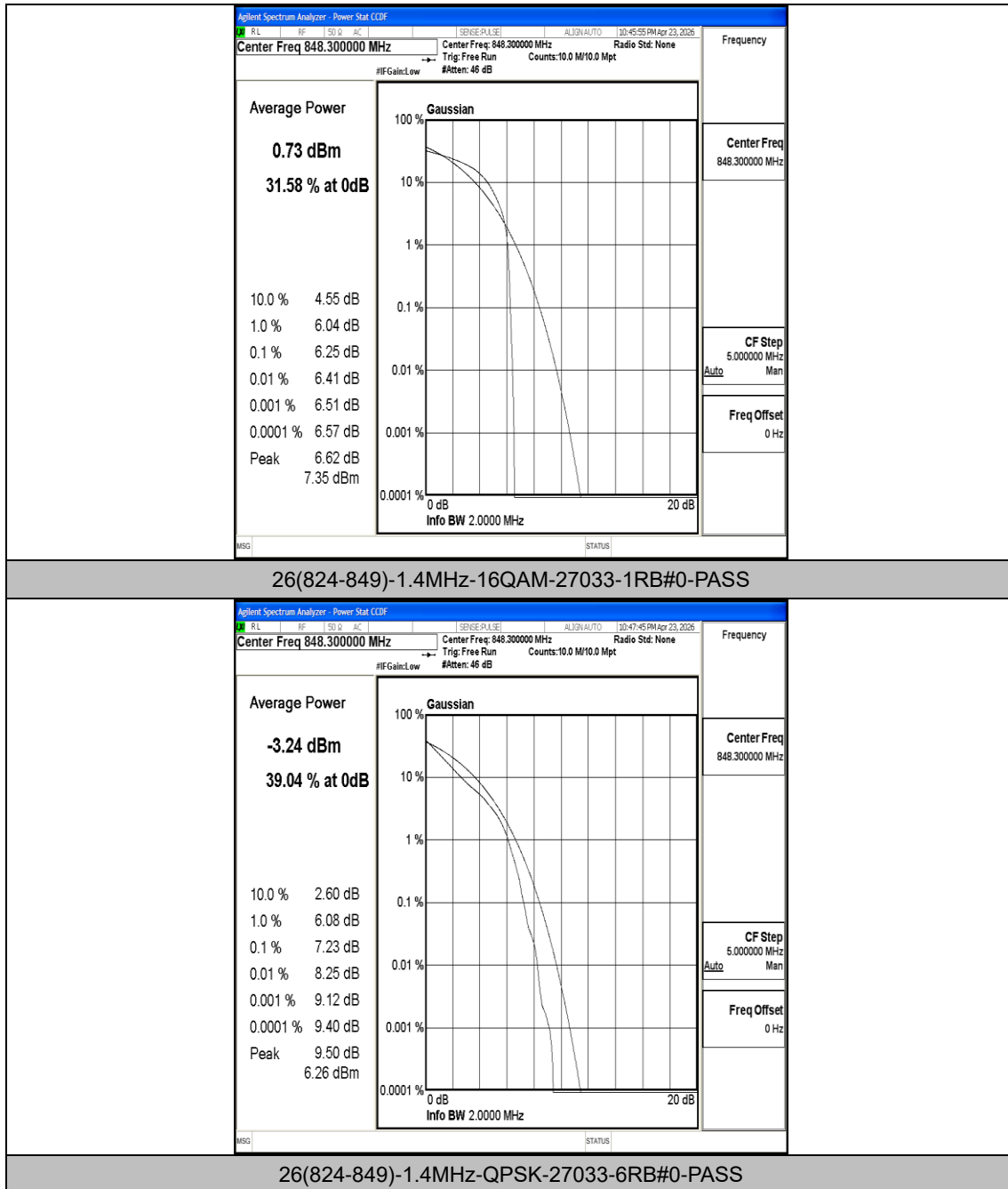


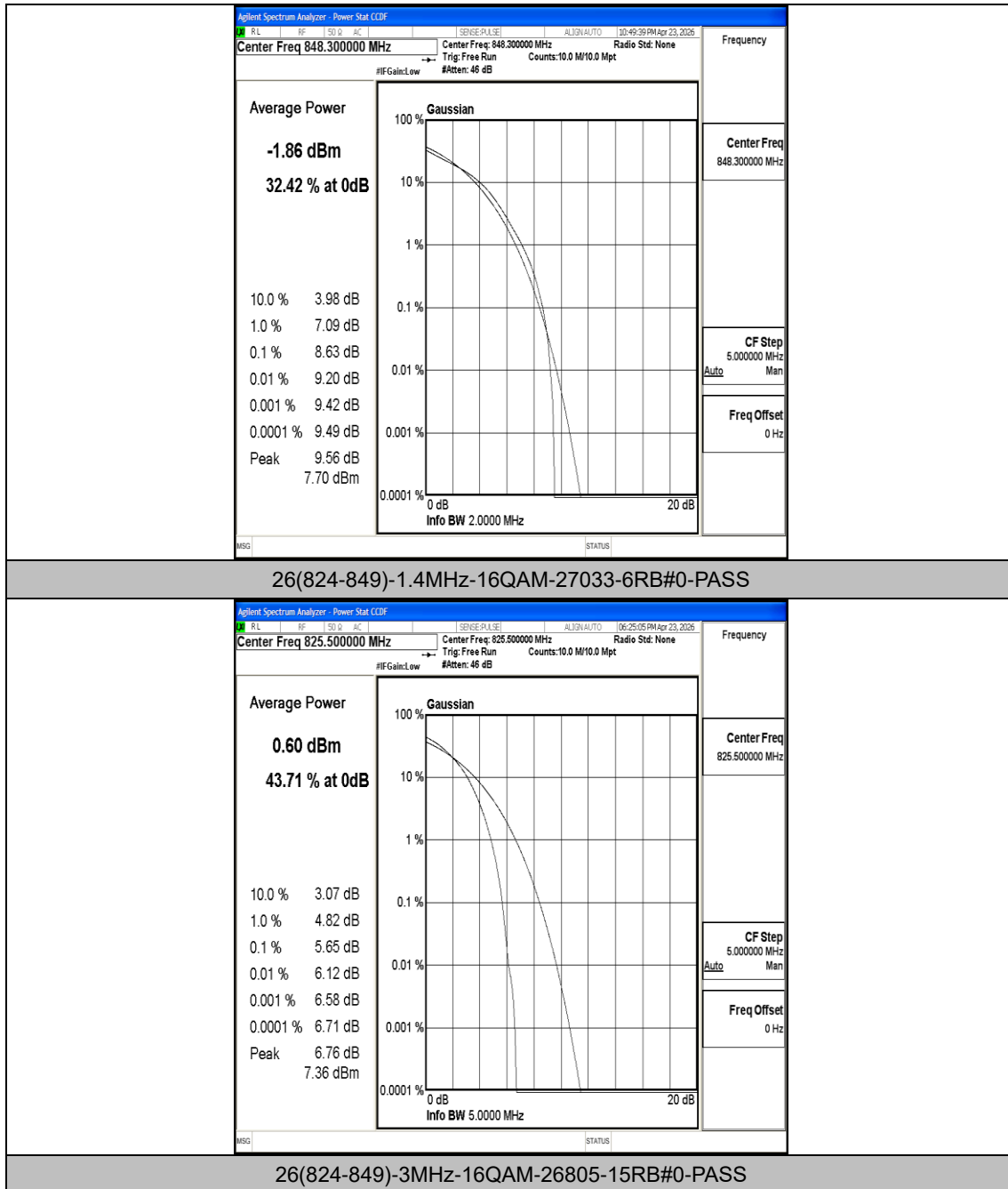


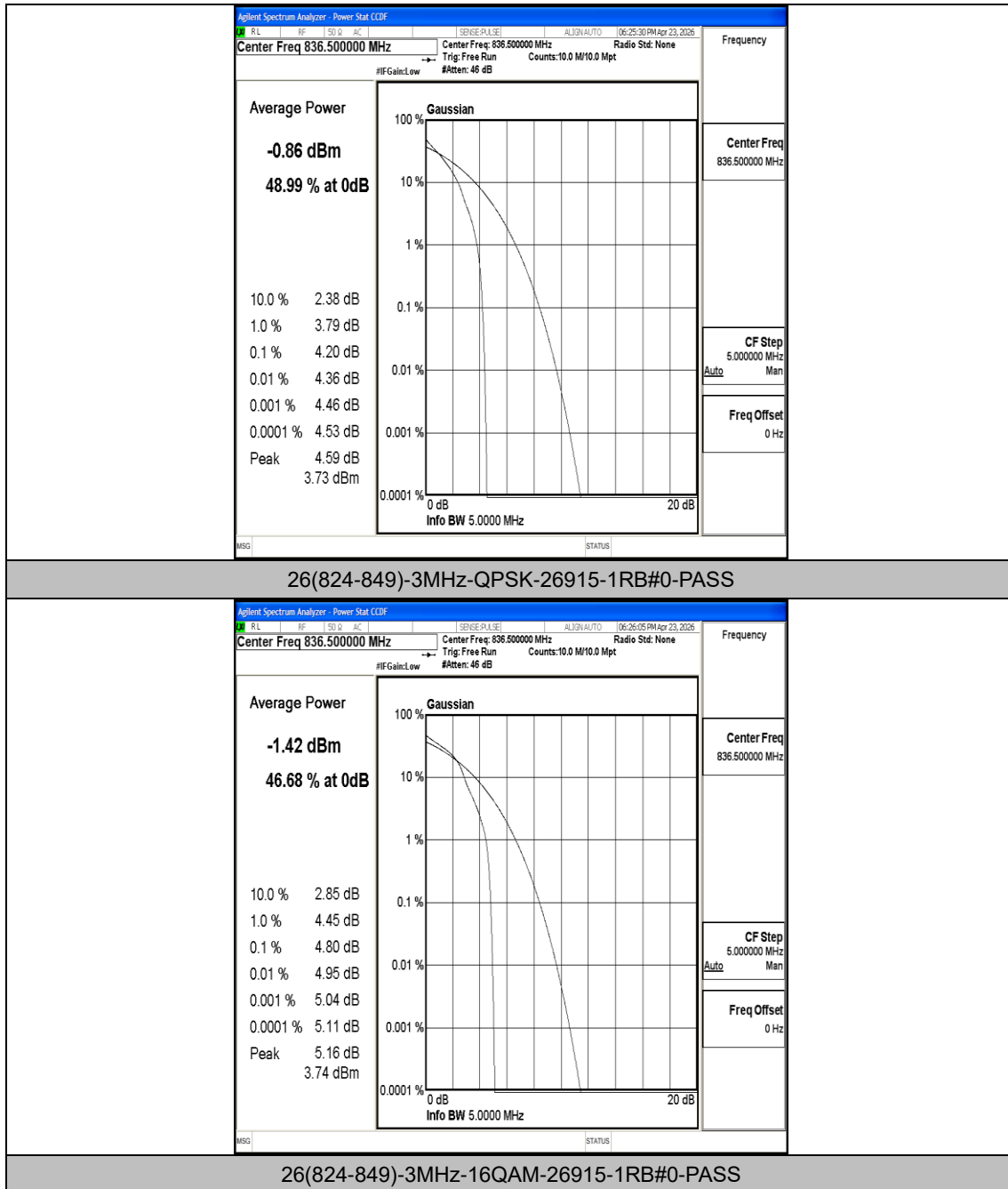


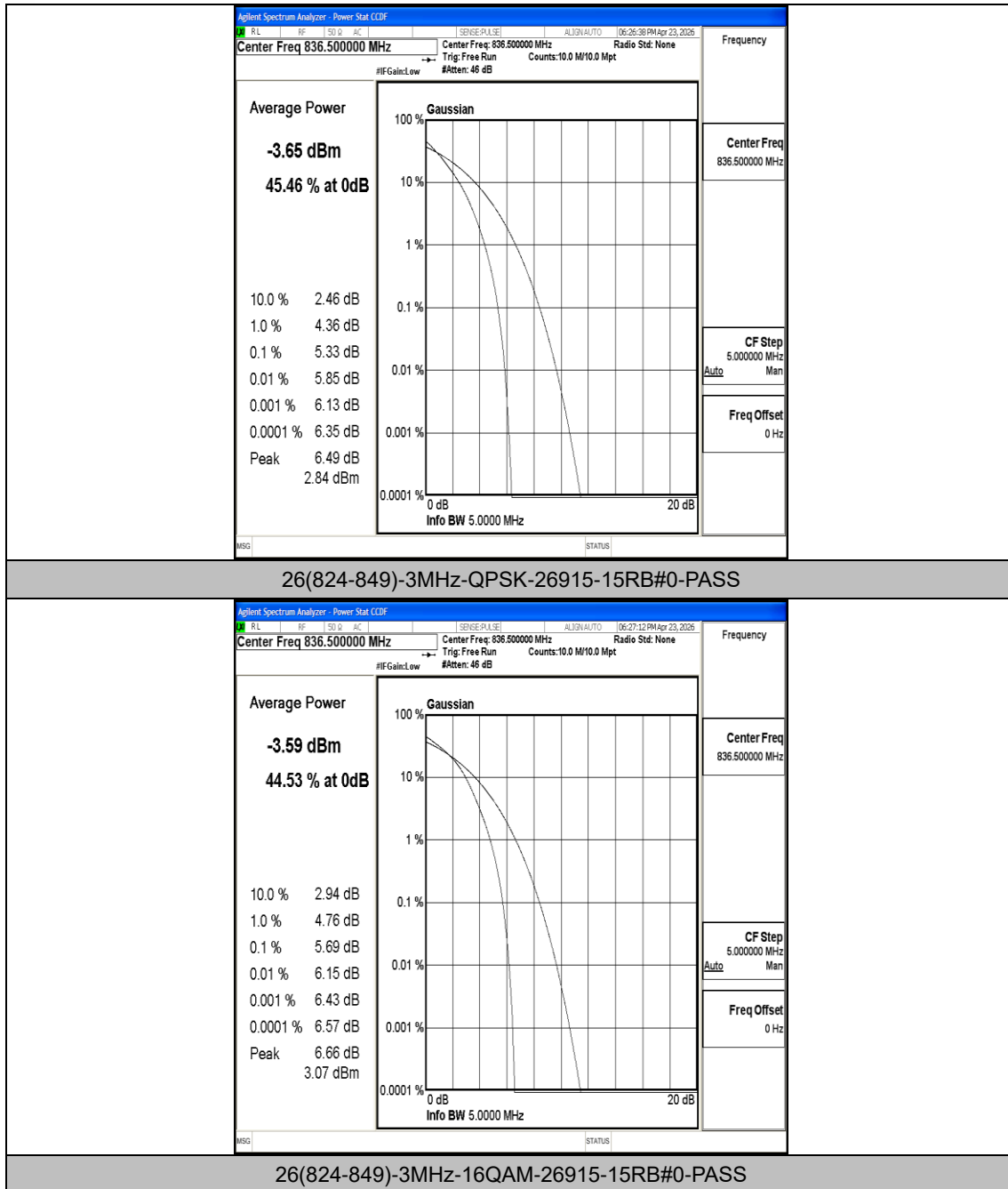


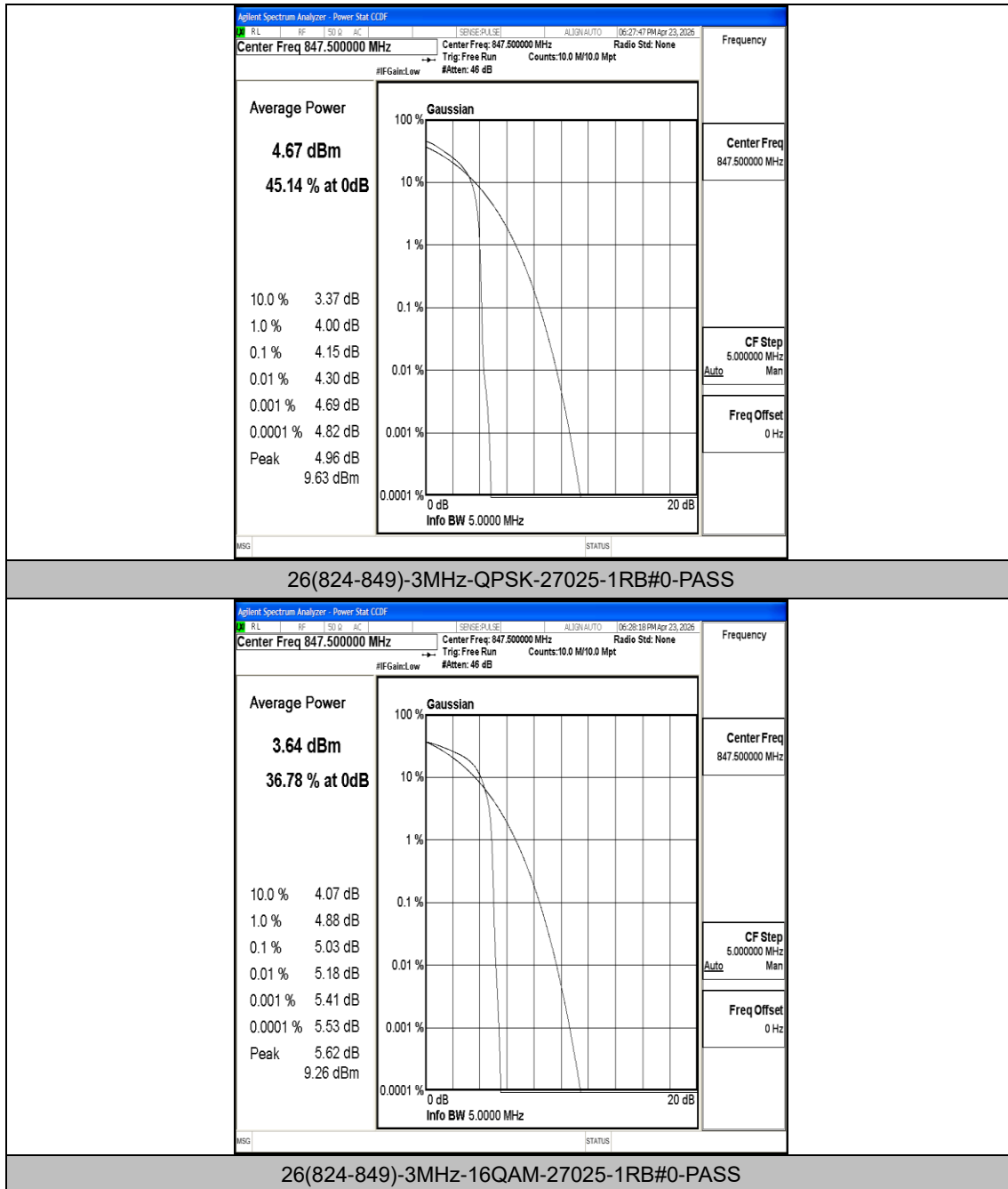


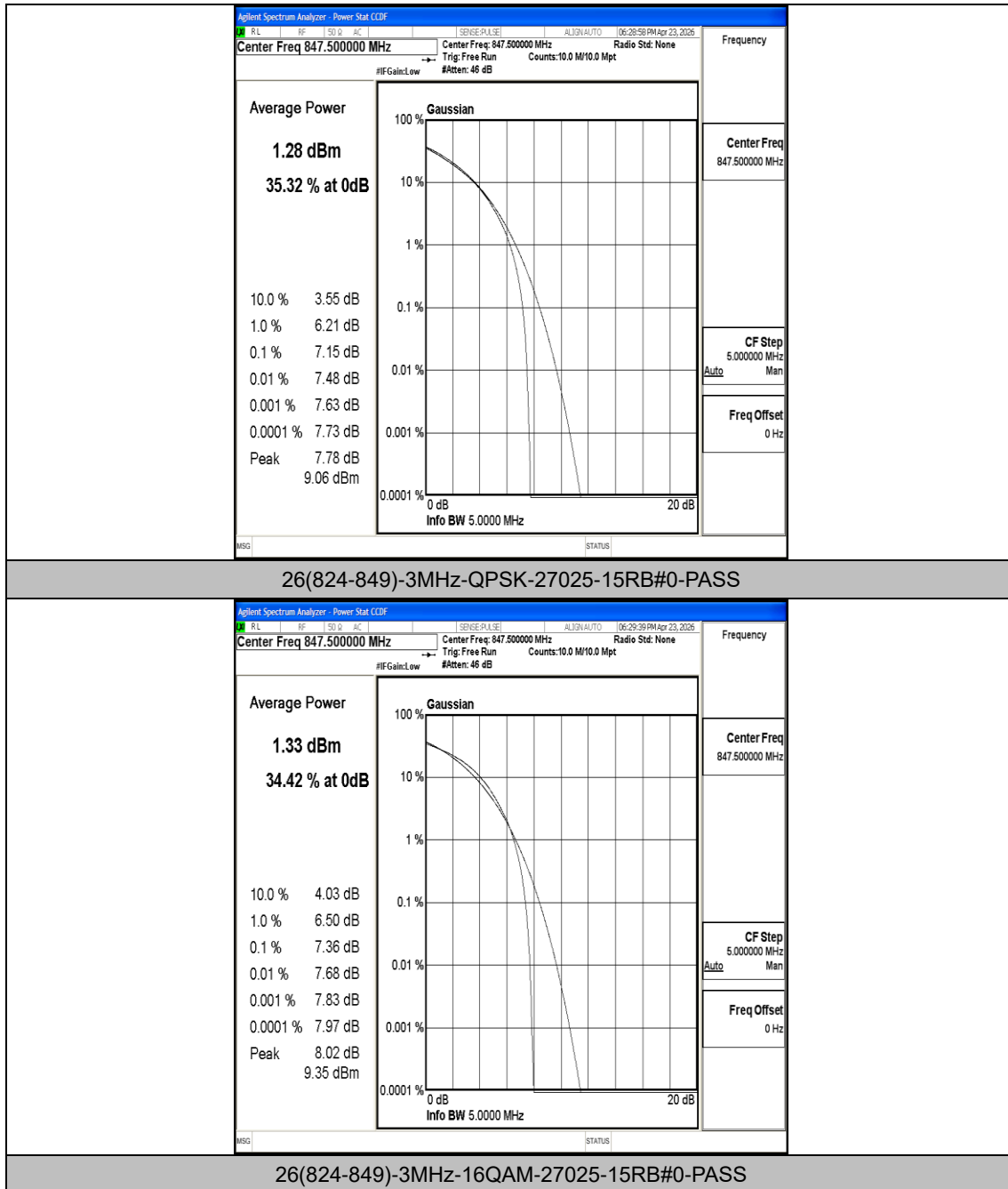


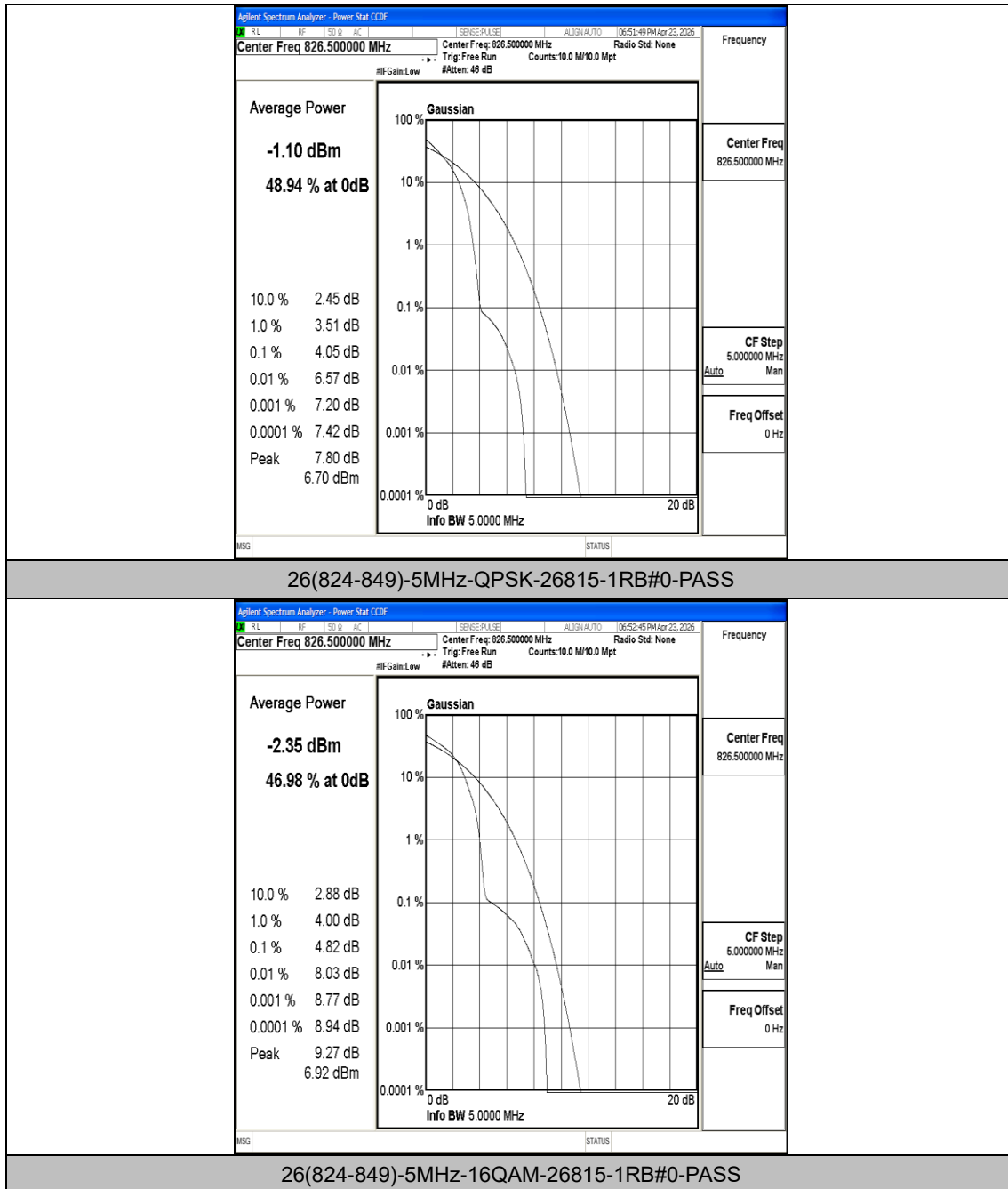


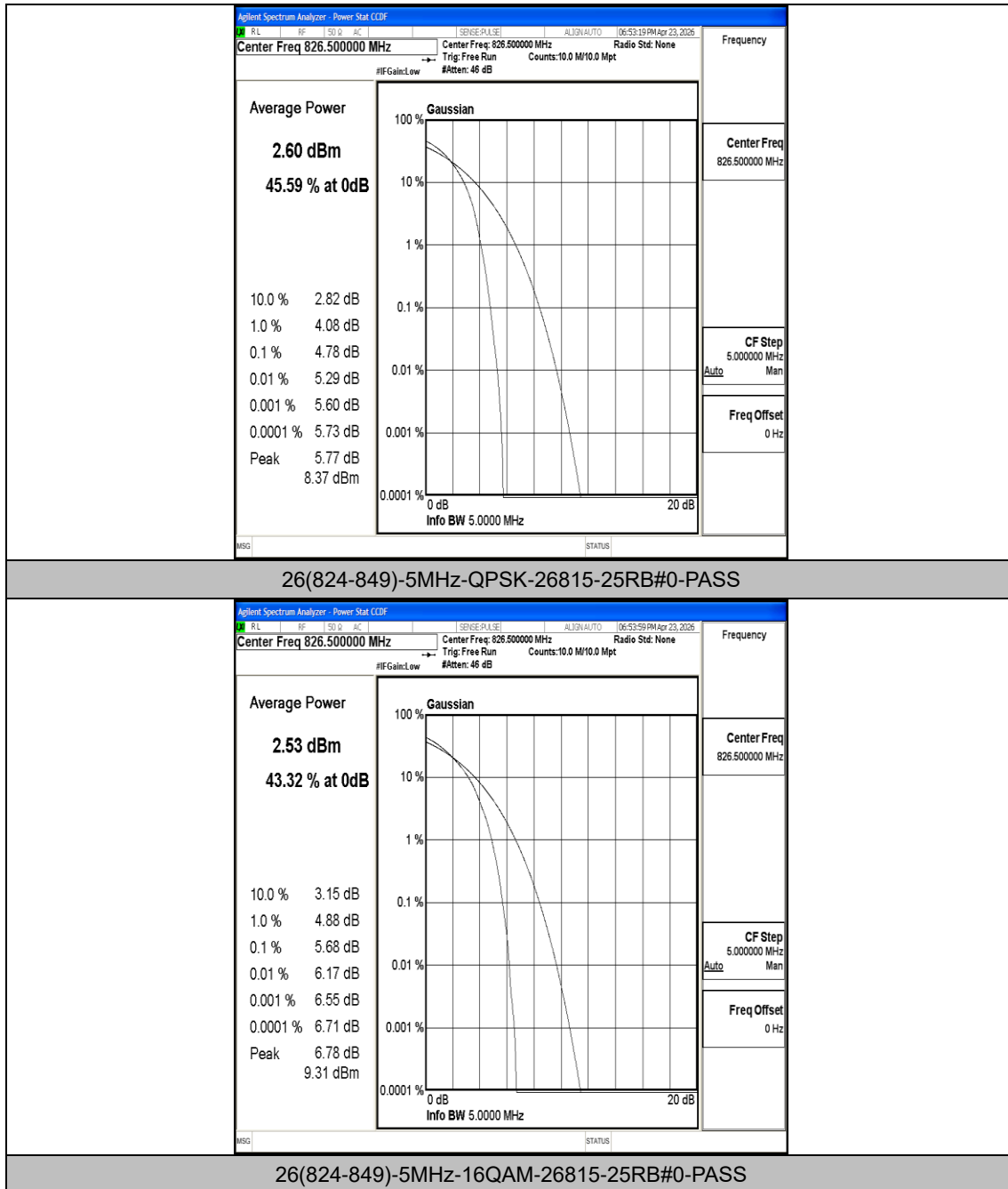


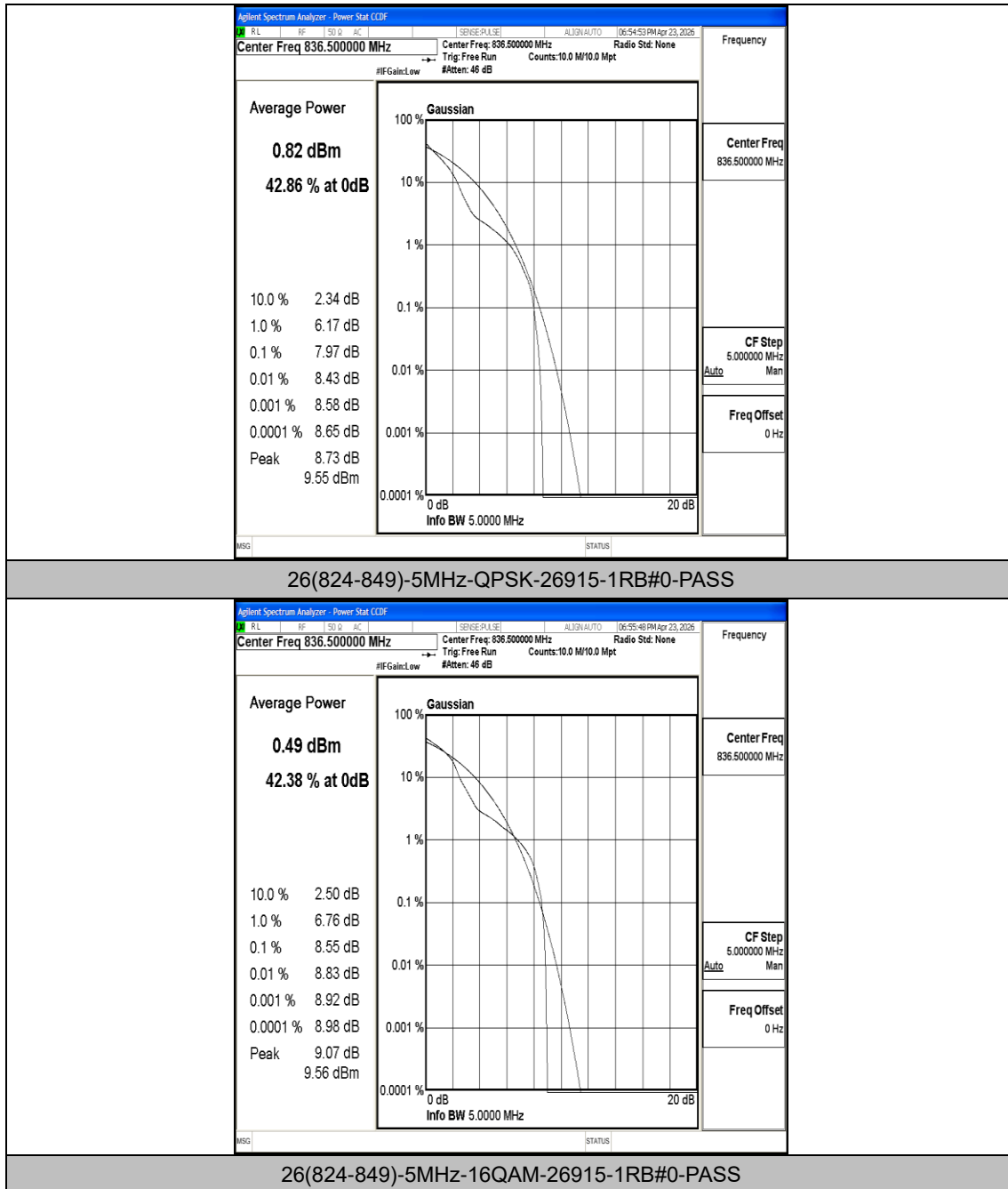


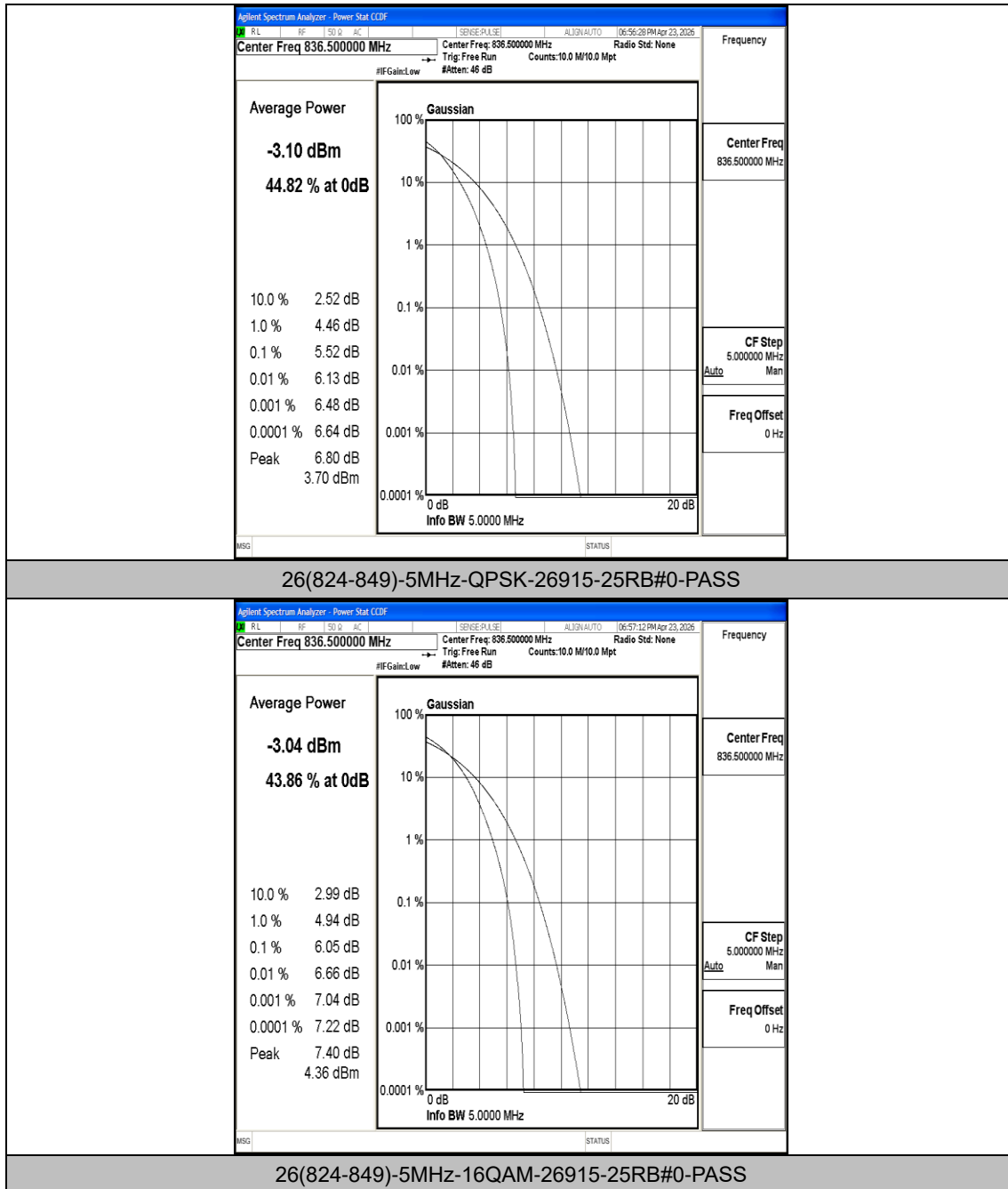


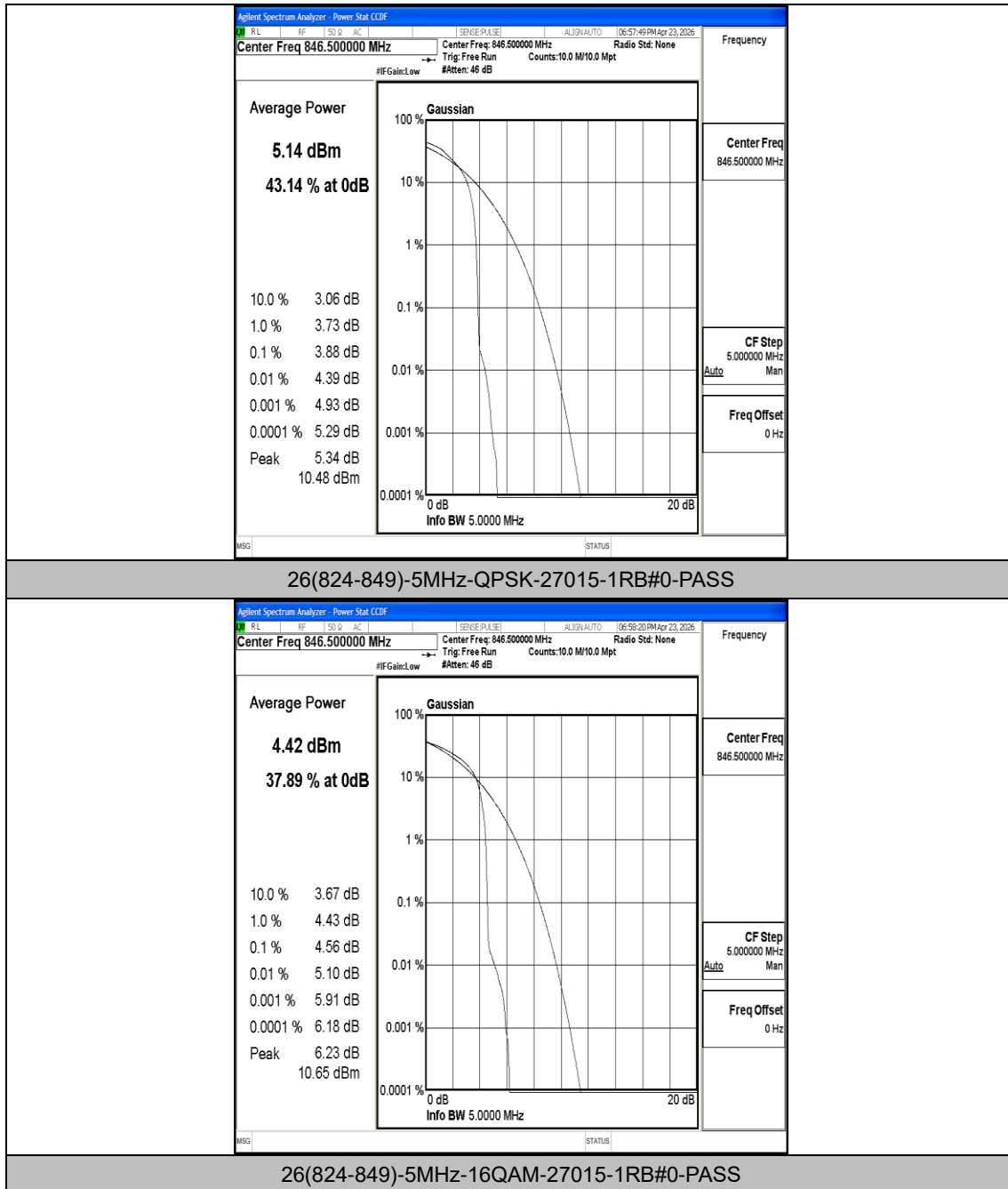


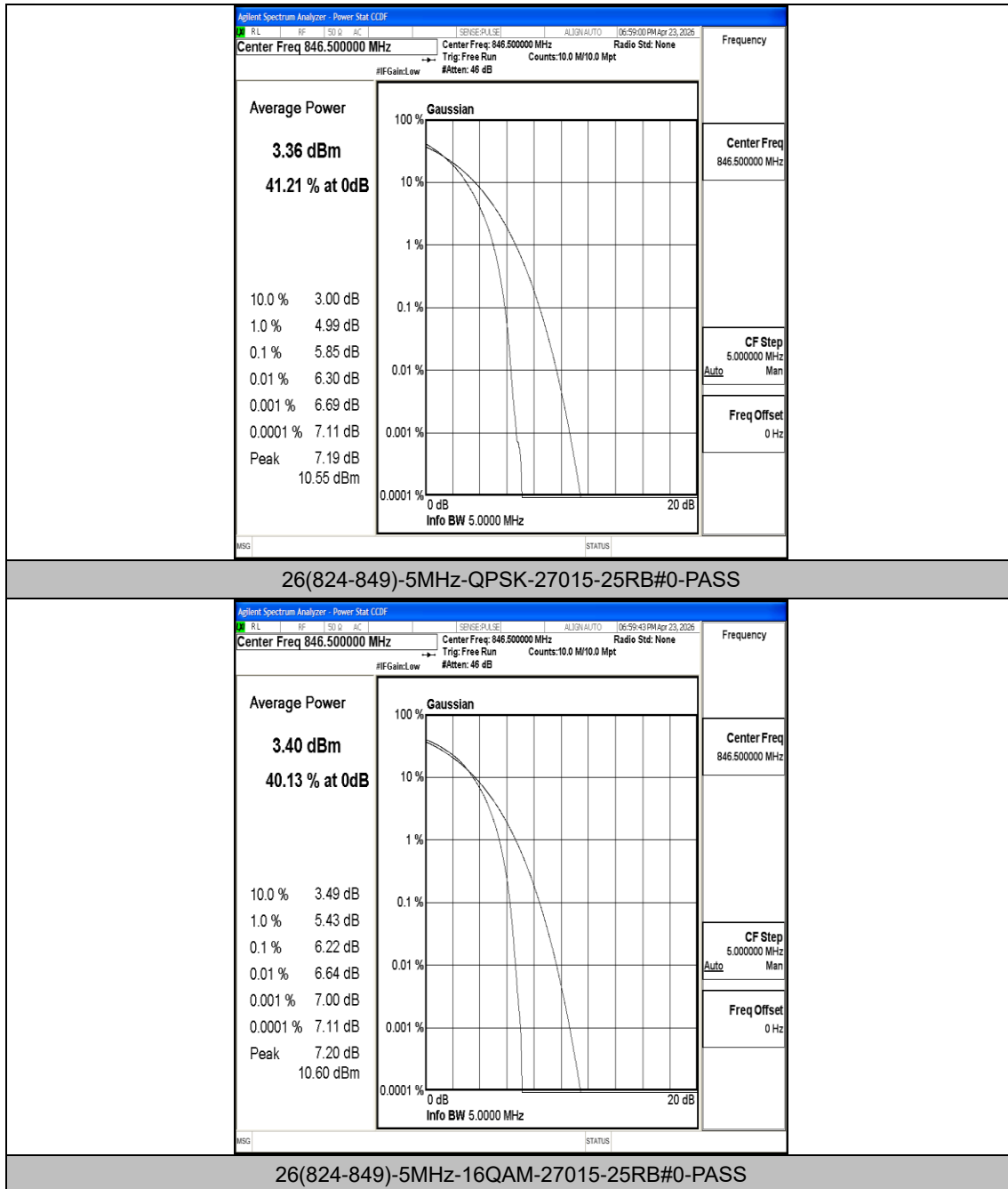


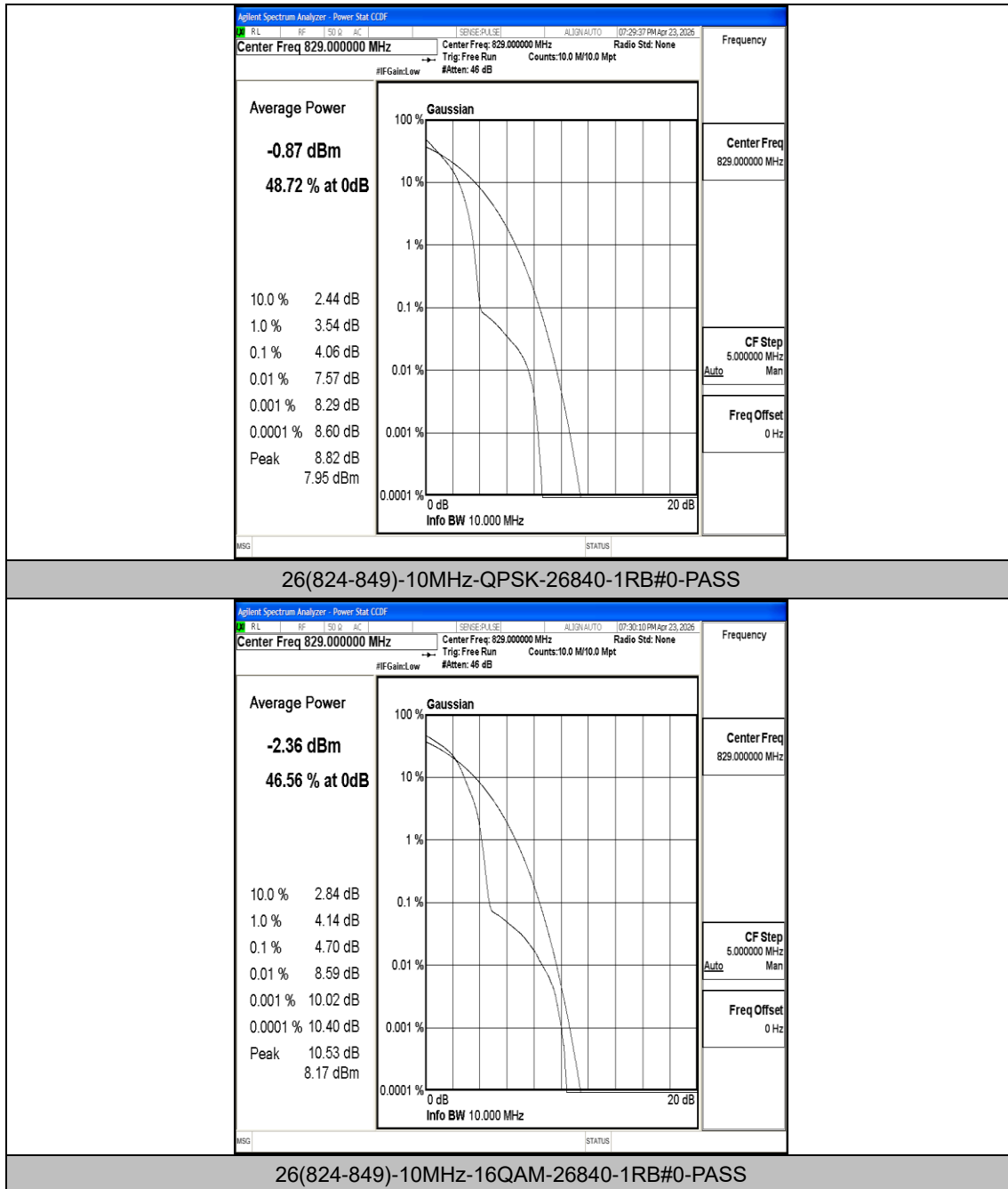


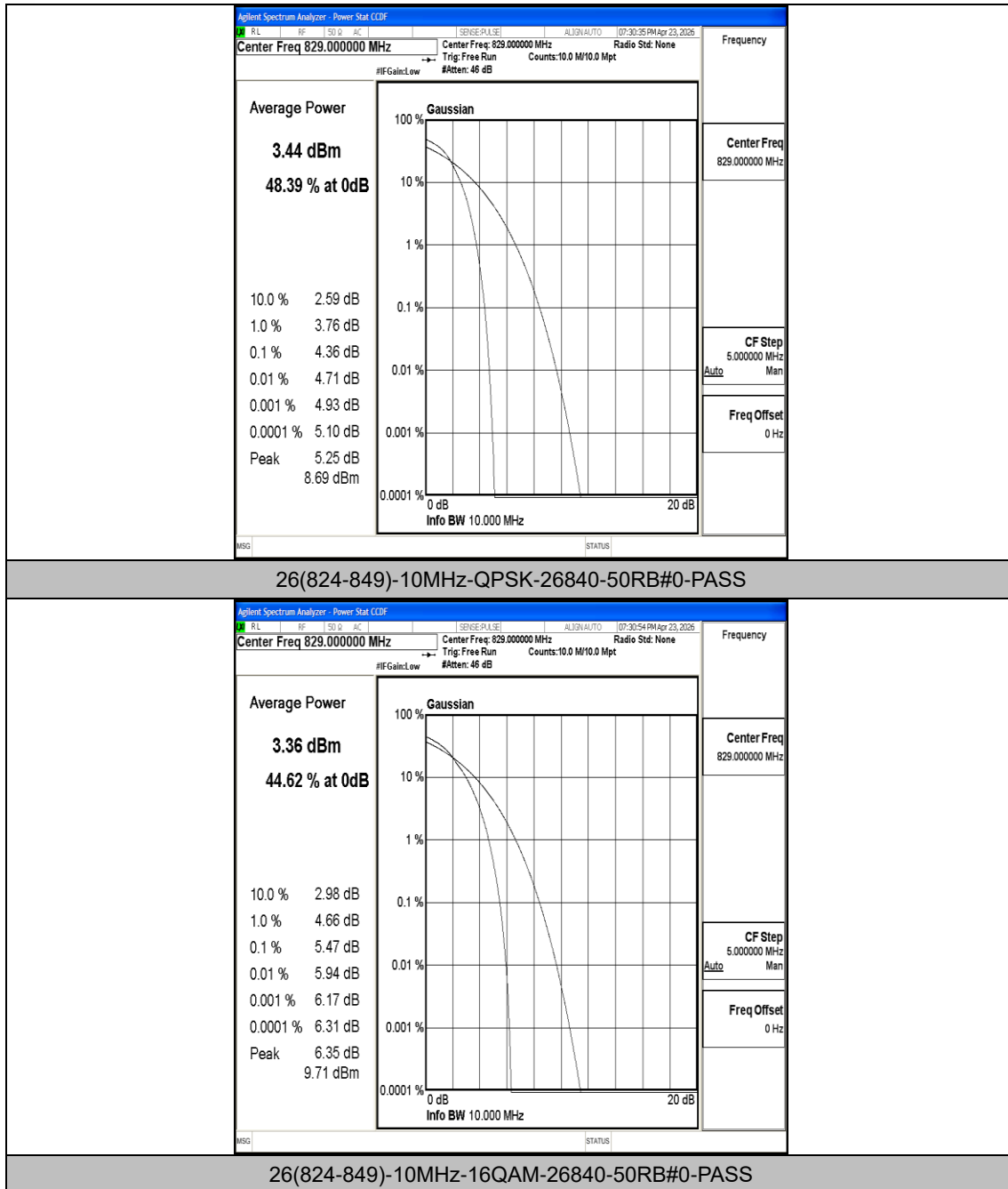


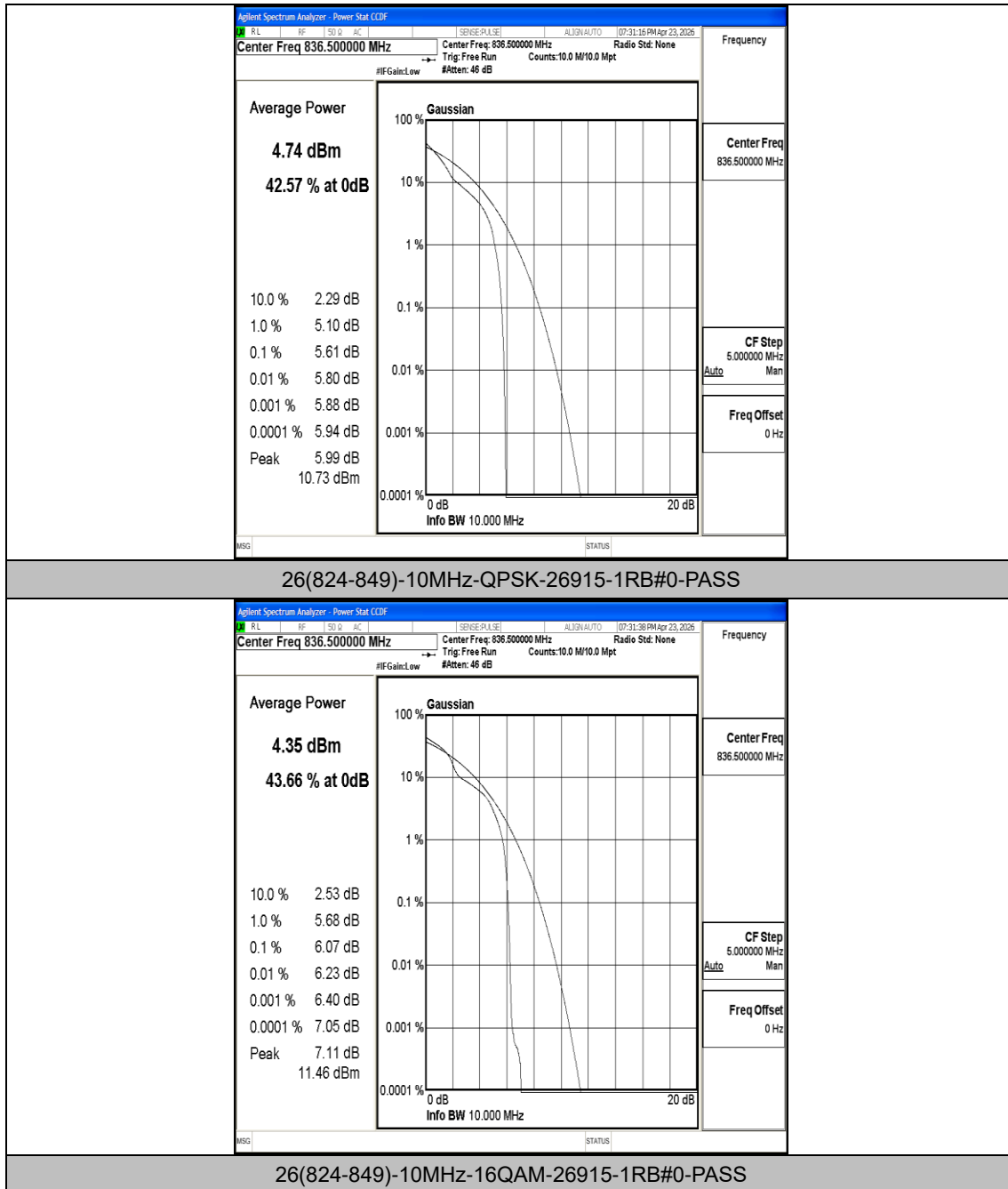


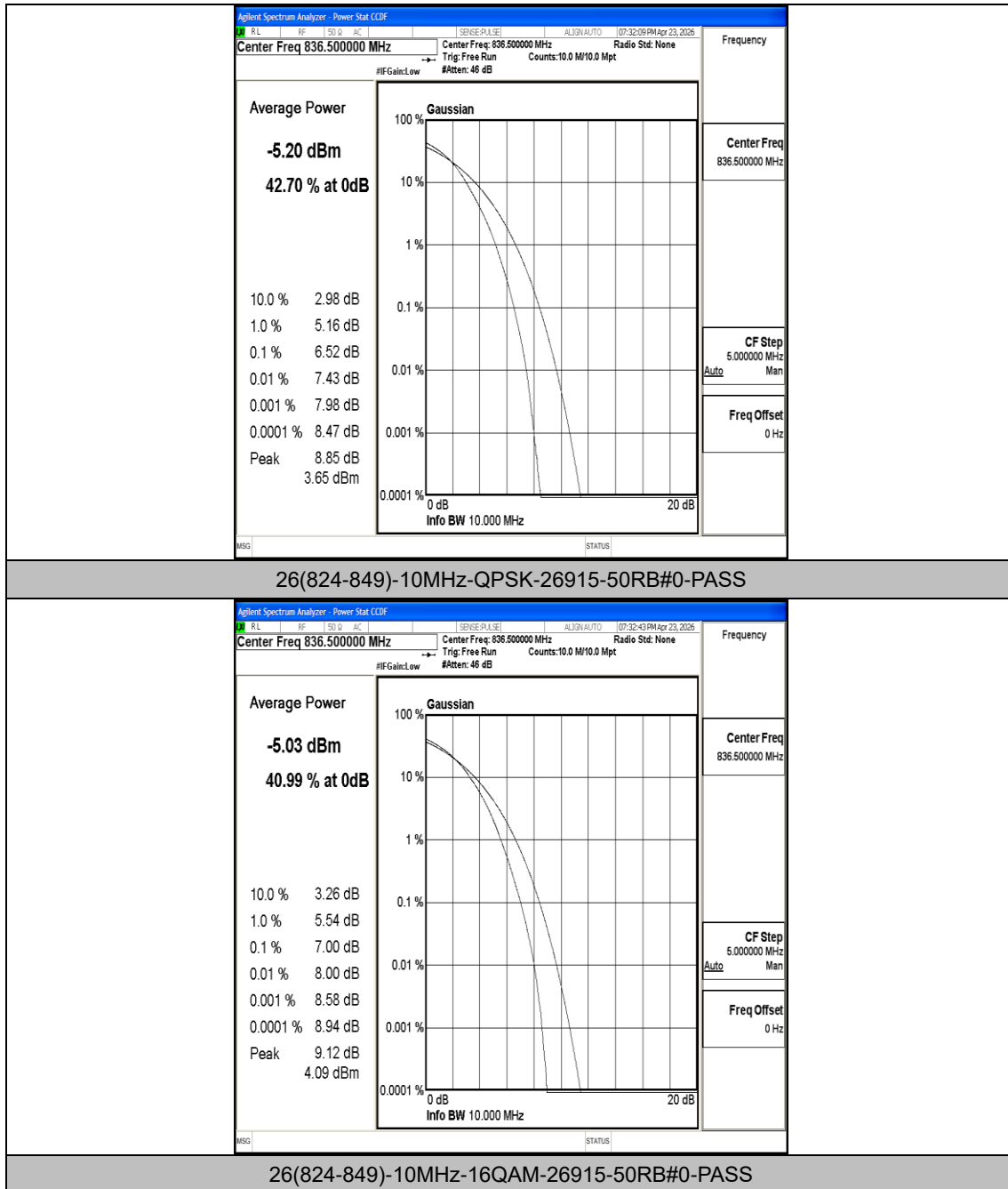


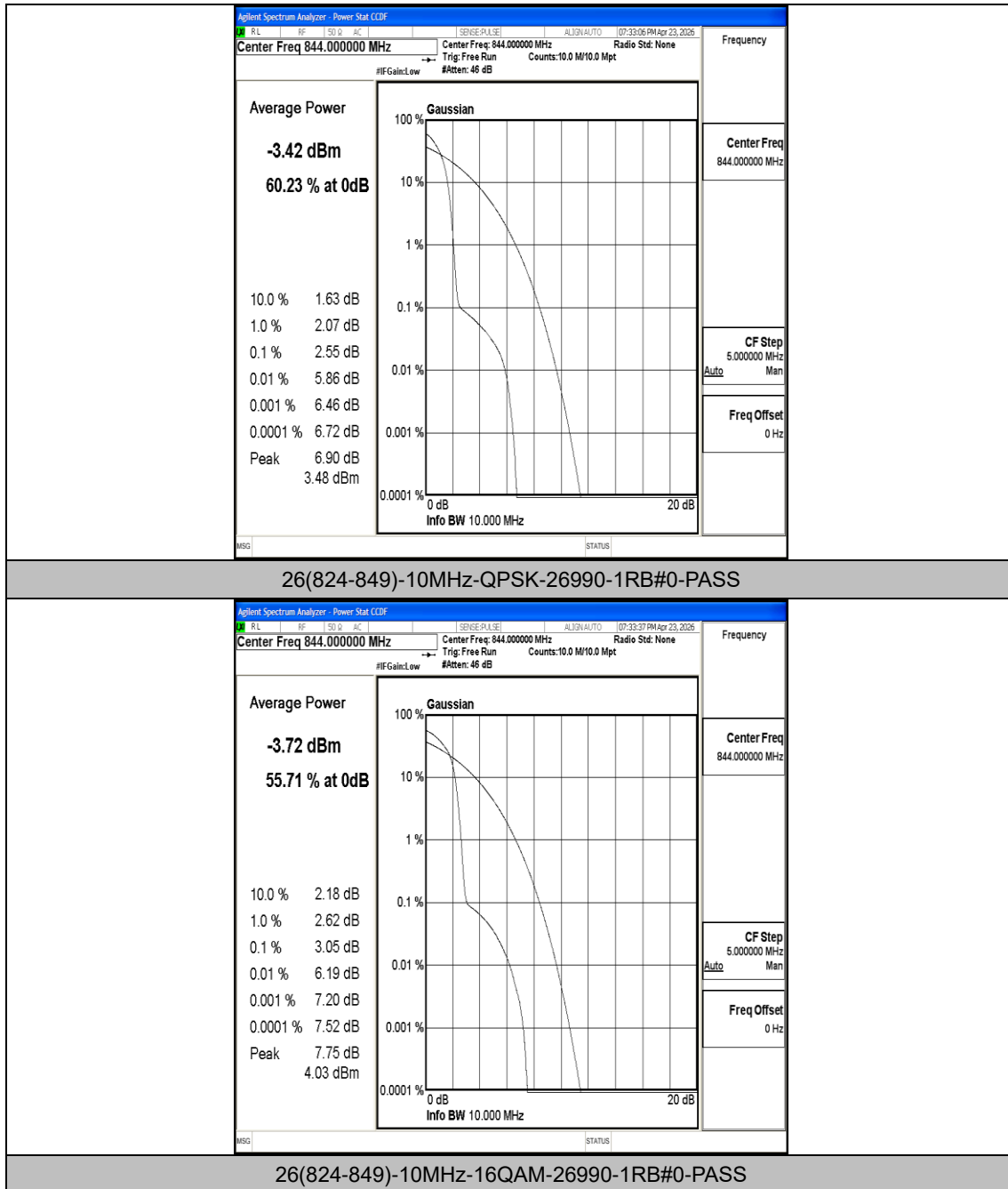


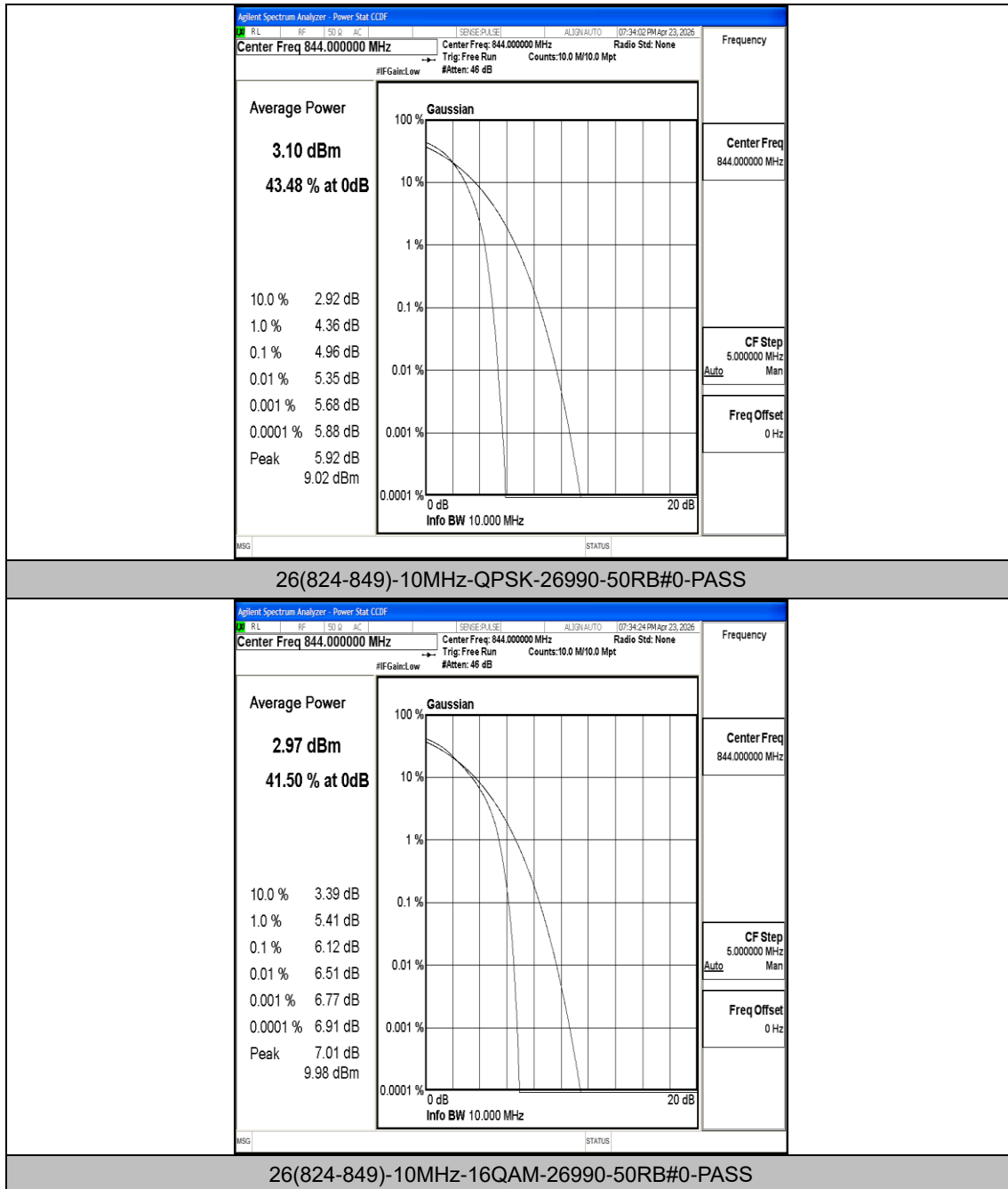


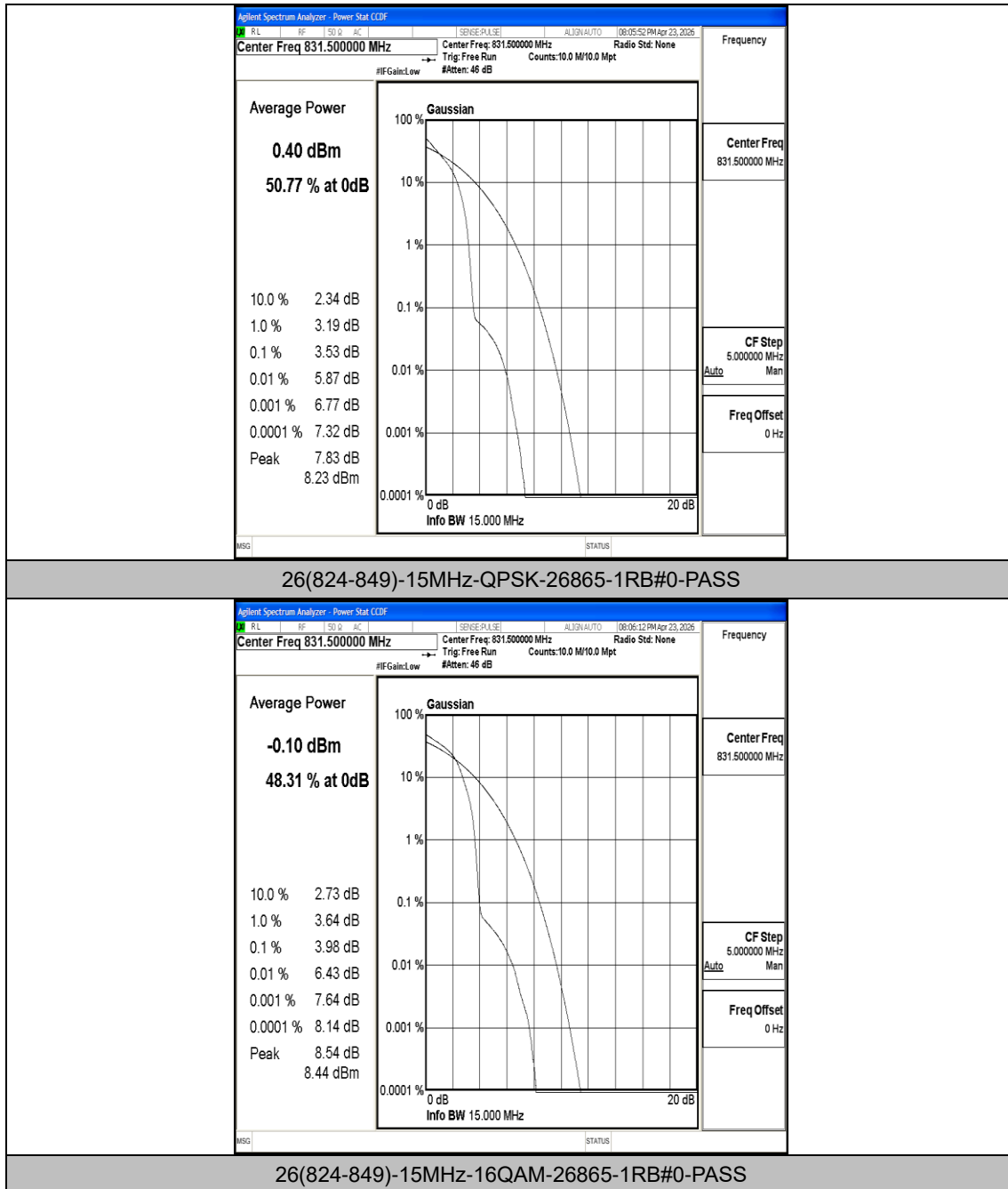


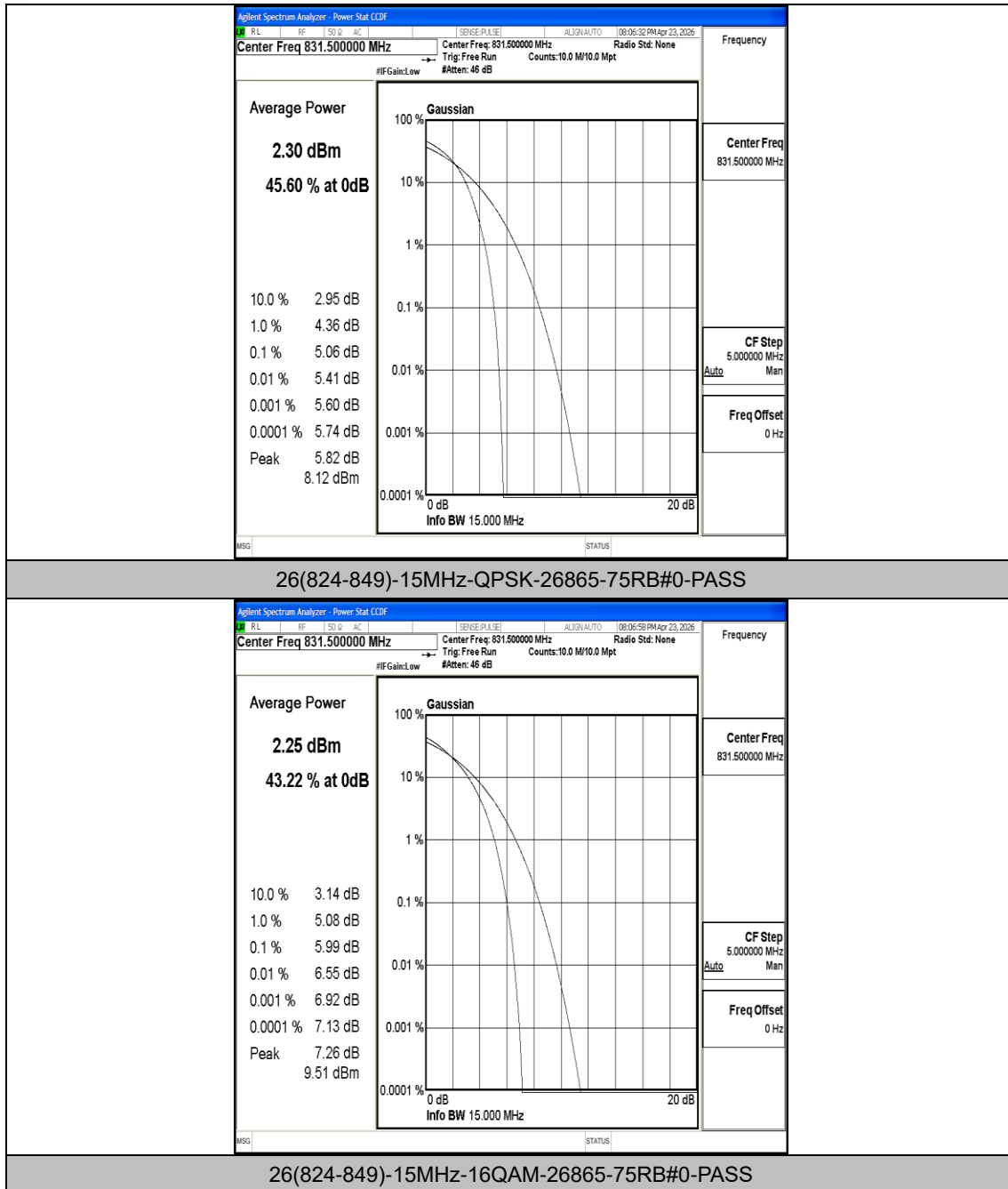


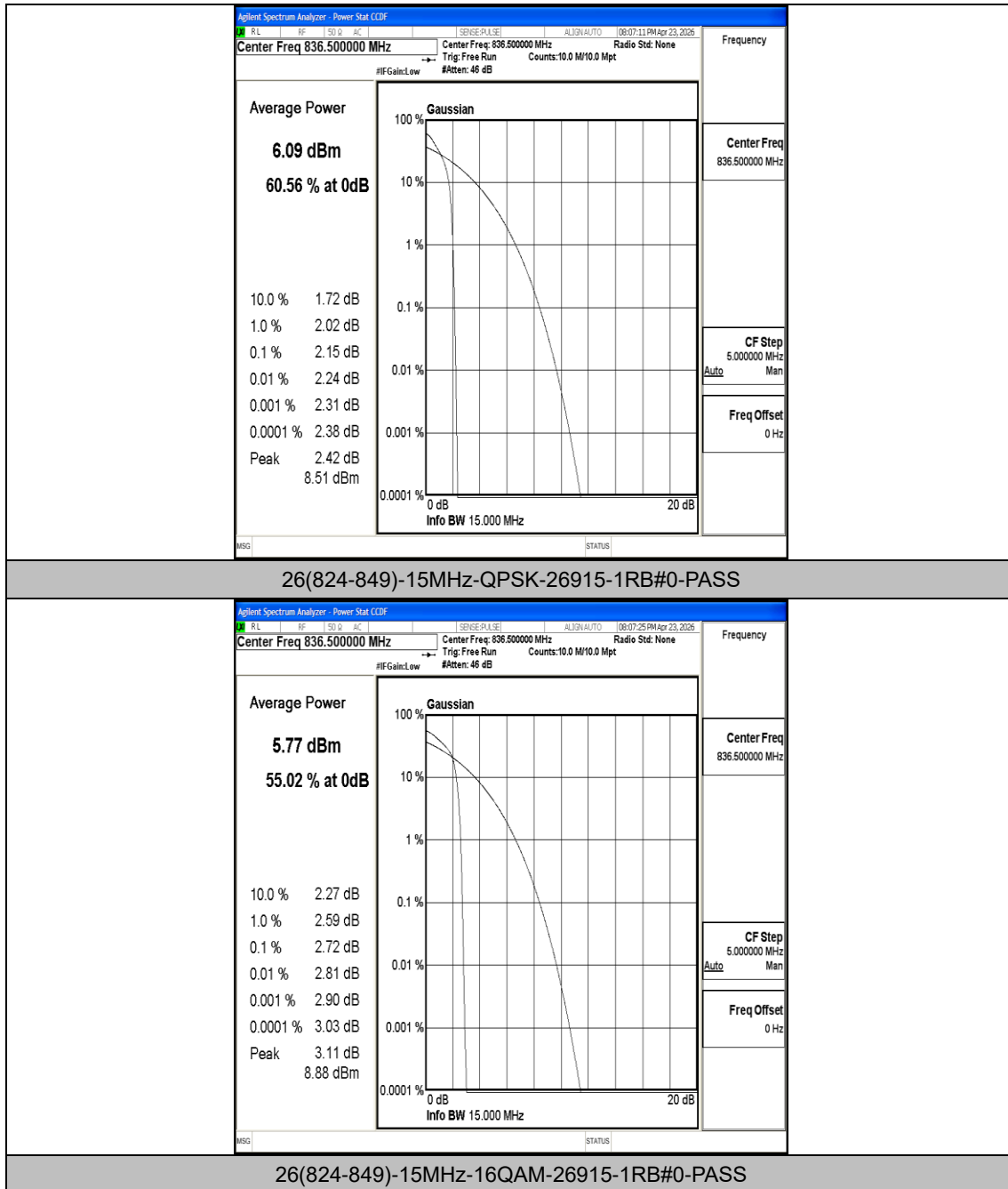


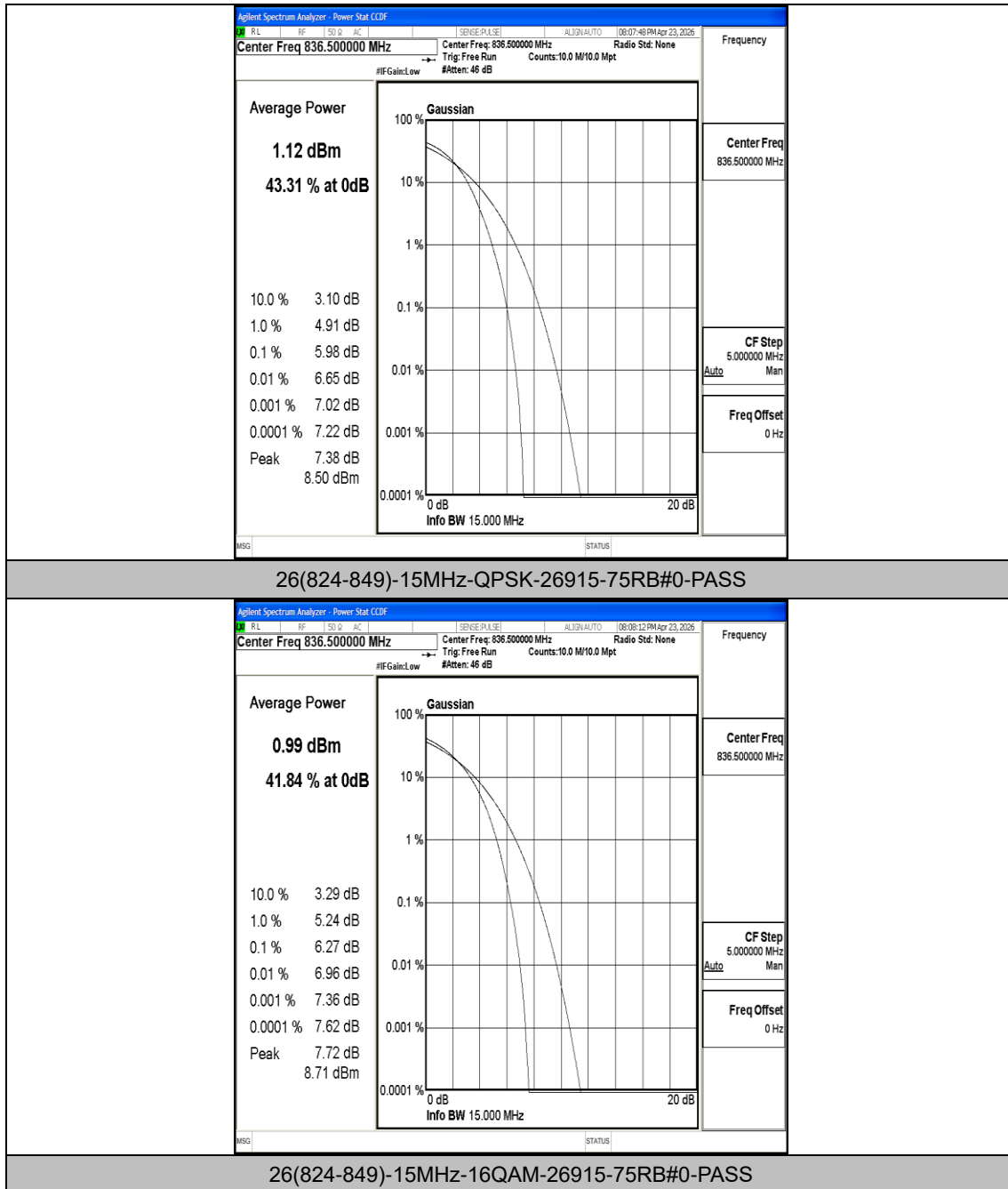


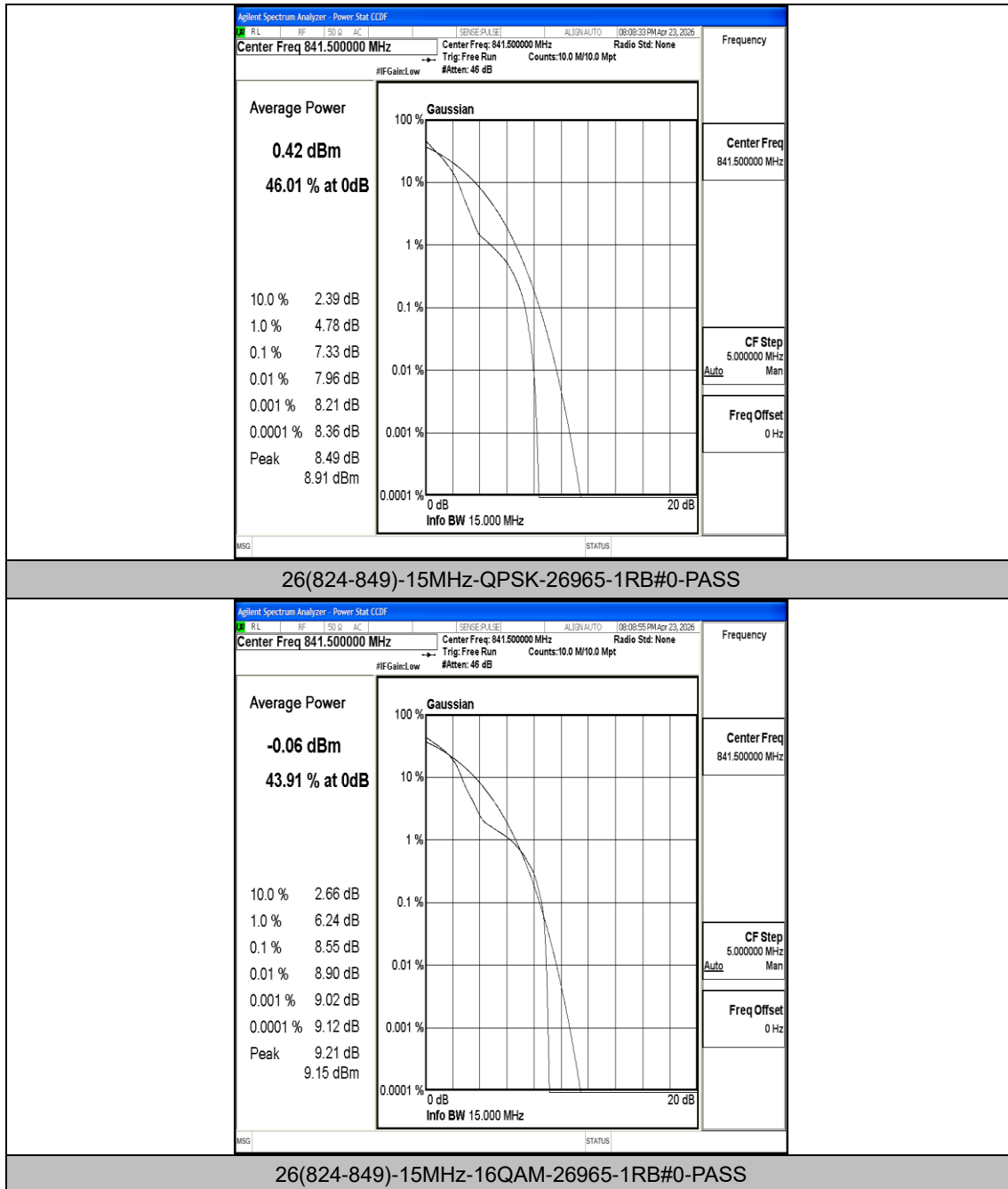


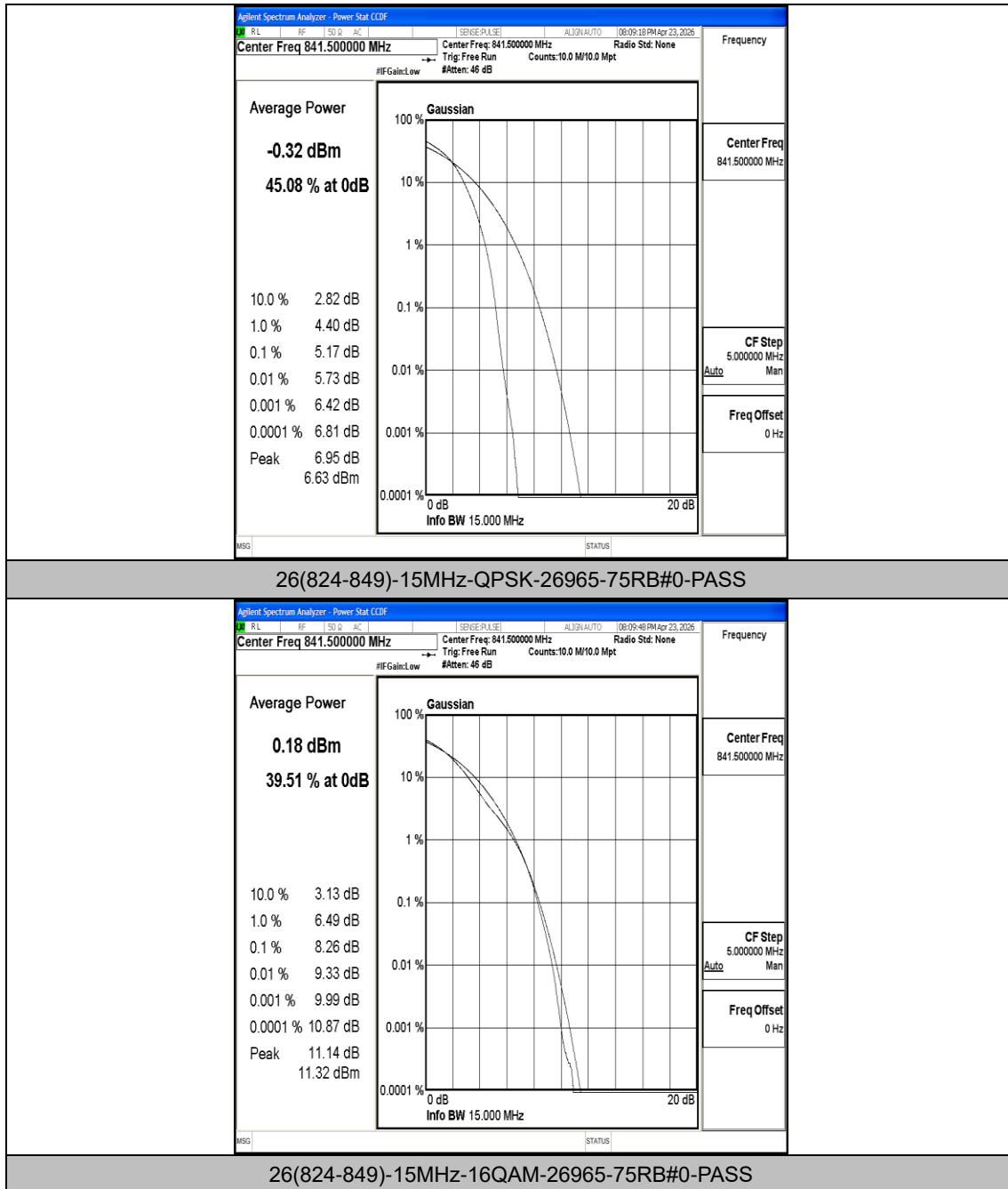










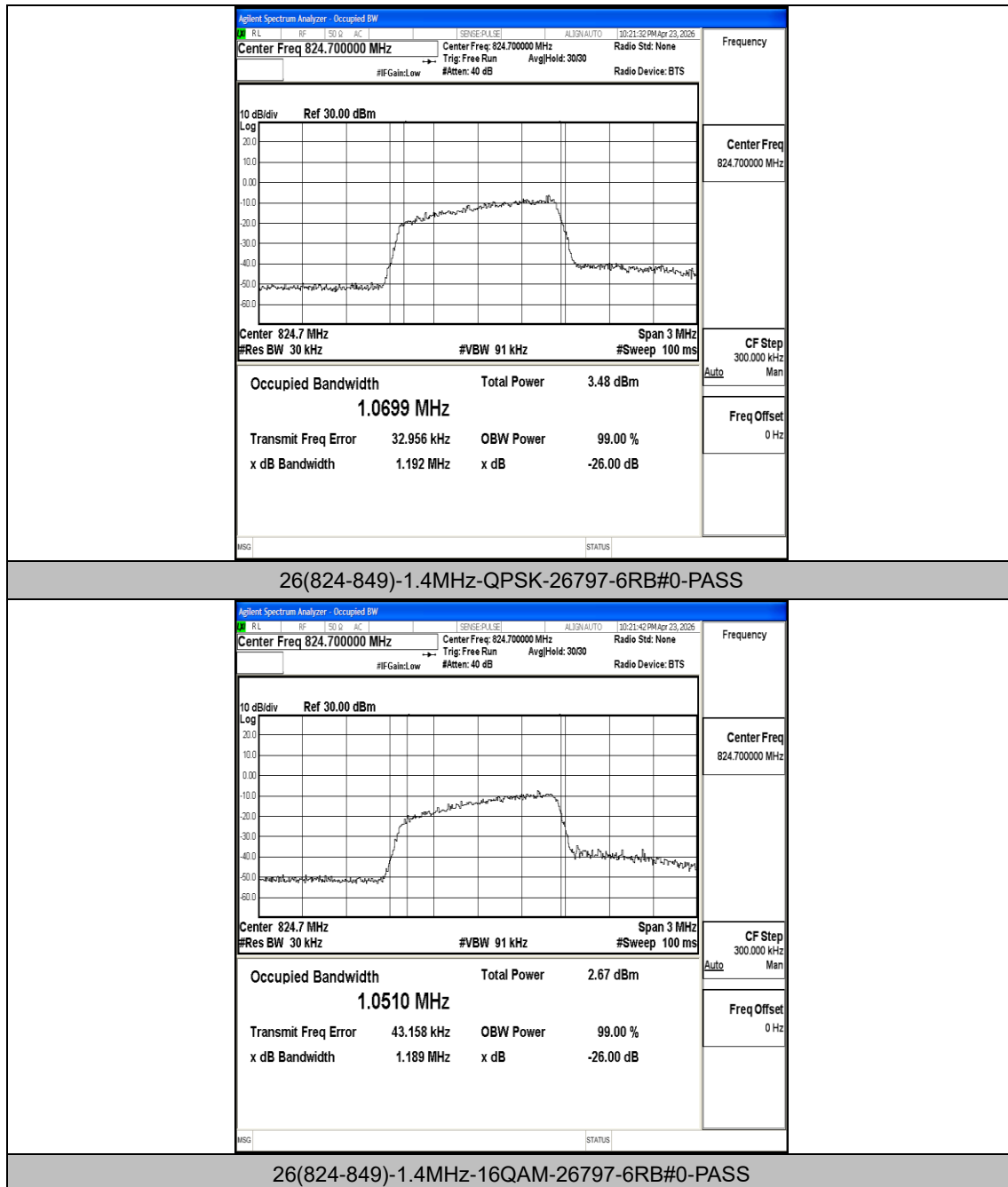


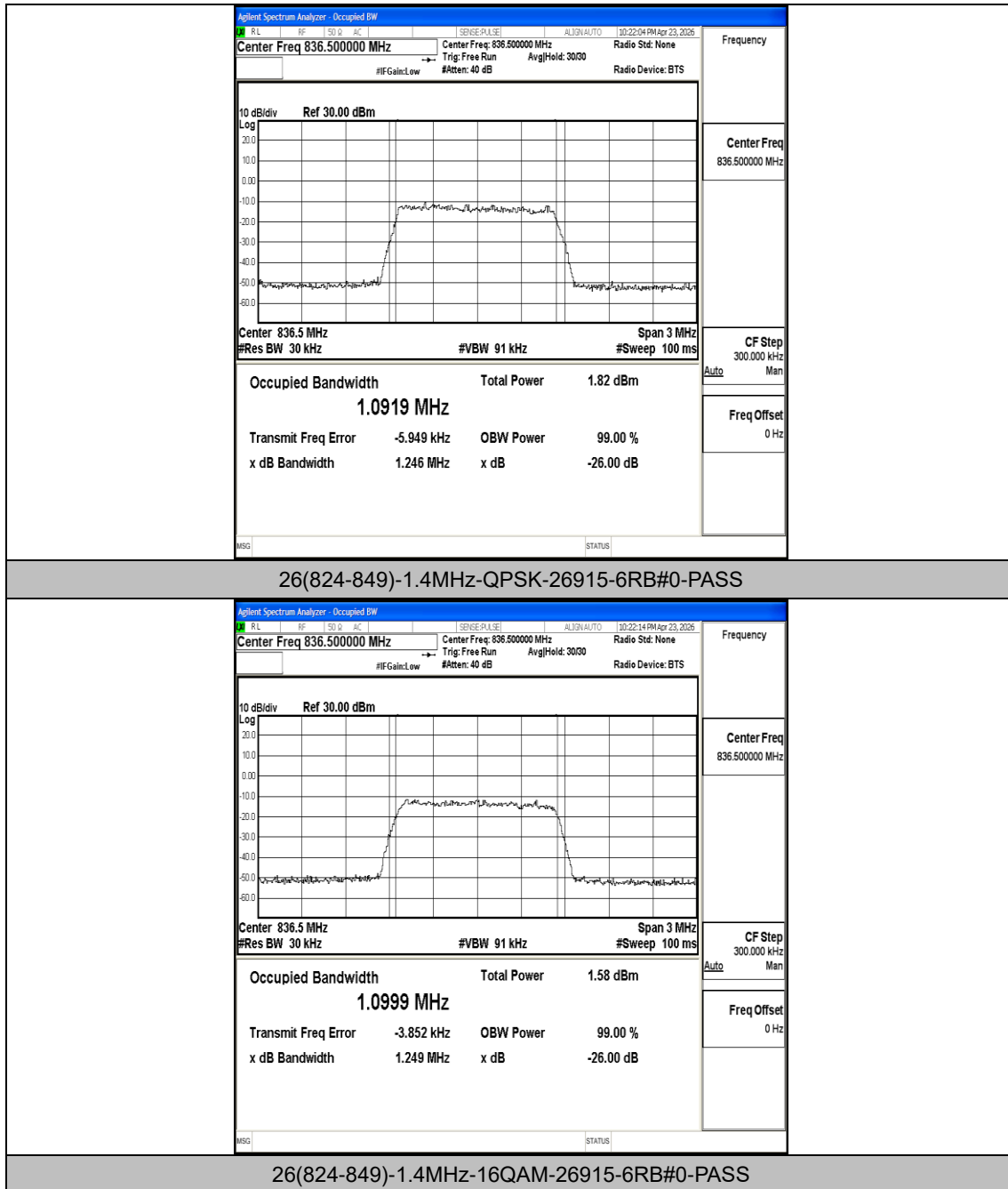
2 26dB Bandwidth and Occupied Bandwidth

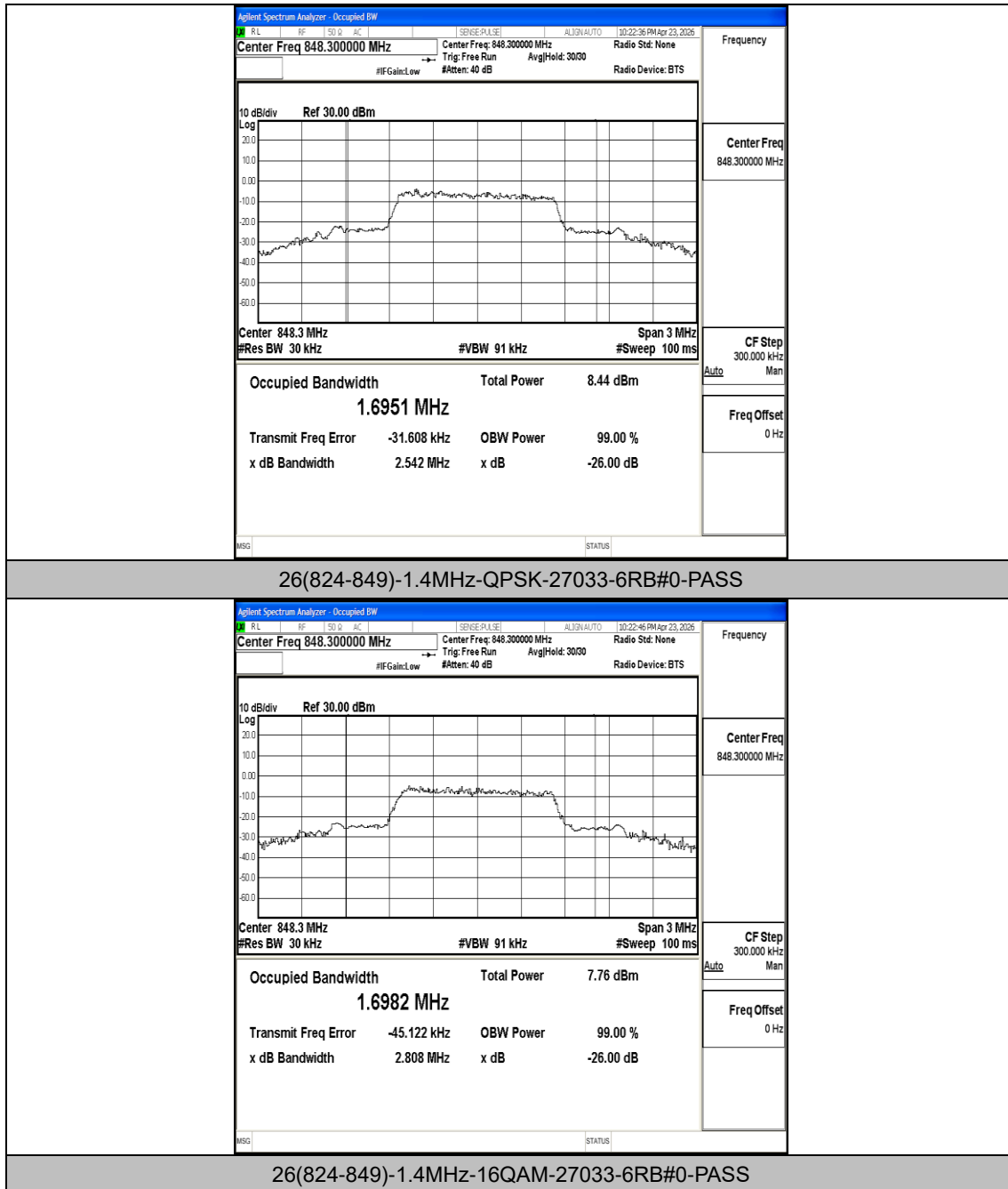
Test Result

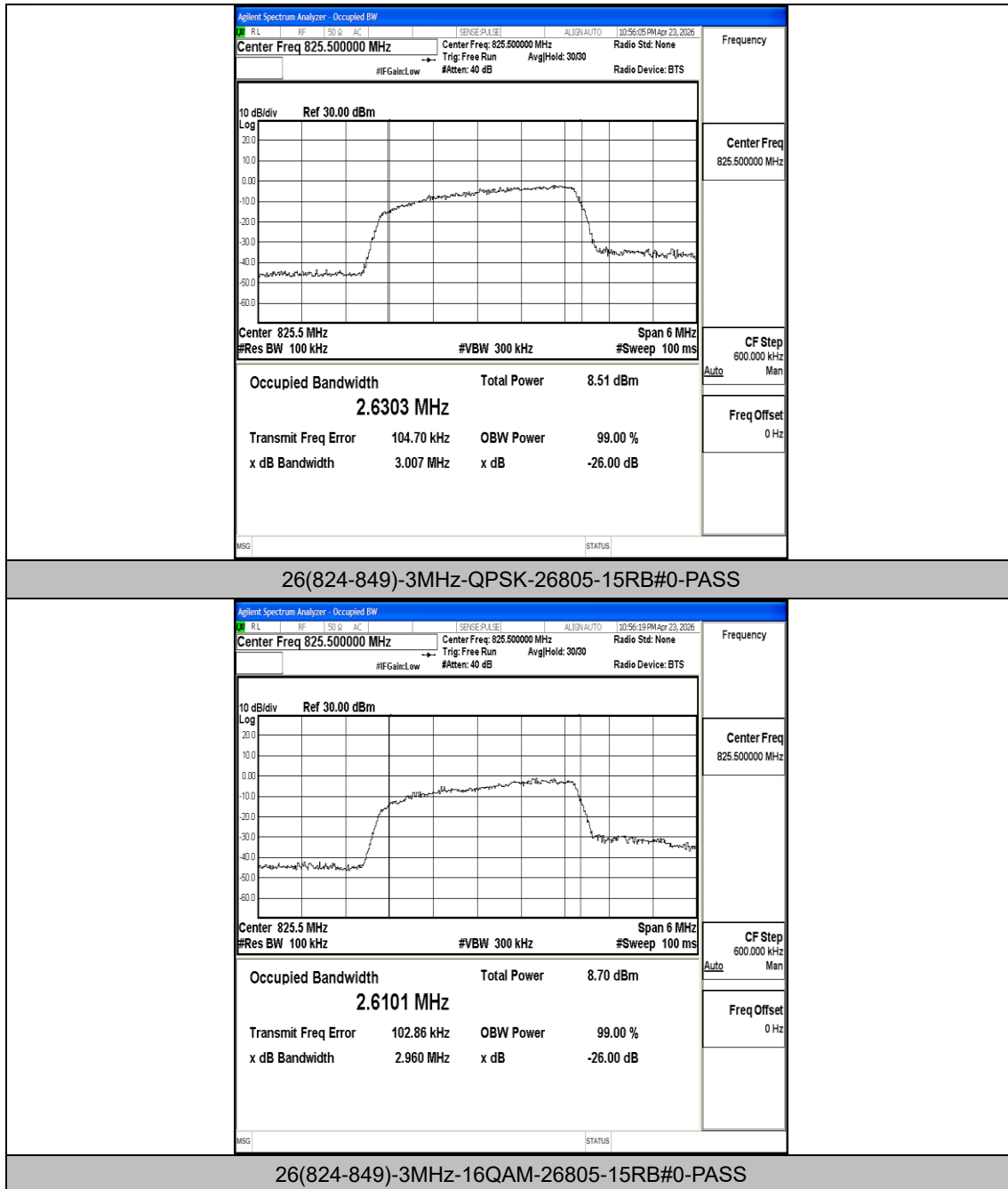
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
26(824-849)	1.4MHz	QPSK	26797	6RB#0	1.0699	1.192	PASS
26(824-849)	1.4MHz	16QAM	26797	6RB#0	1.0510	1.189	PASS
26(824-849)	1.4MHz	QPSK	26915	6RB#0	1.0919	1.246	PASS
26(824-849)	1.4MHz	16QAM	26915	6RB#0	1.0999	1.249	PASS
26(824-849)	1.4MHz	QPSK	27033	6RB#0	1.6951	2.542	PASS
26(824-849)	1.4MHz	16QAM	27033	6RB#0	1.6982	2.808	PASS
26(824-849)	3MHz	QPSK	26805	15RB#0	2.6303	3.007	PASS
26(824-849)	3MHz	16QAM	26805	15RB#0	2.6101	2.960	PASS
26(824-849)	3MHz	QPSK	26915	15RB#0	2.7498	3.077	PASS
26(824-849)	3MHz	16QAM	26915	15RB#0	2.7451	3.081	PASS
26(824-849)	3MHz	QPSK	27025	15RB#0	2.7512	3.038	PASS
26(824-849)	5MHz	QPSK	26815	25RB#0	4.2881	4.850	PASS
26(824-849)	5MHz	16QAM	26815	25RB#0	4.2723	4.835	PASS
26(824-849)	5MHz	QPSK	26915	25RB#0	4.5220	4.931	PASS
26(824-849)	5MHz	16QAM	26915	25RB#0	4.5423	4.963	PASS
26(824-849)	5MHz	QPSK	27015	25RB#0	4.4697	4.920	PASS
26(824-849)	5MHz	16QAM	27015	25RB#0	4.4701	4.918	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	7.4669	9.434	PASS
26(824-849)	10MHz	16QAM	26840	50RB#0	7.5069	9.453	PASS
26(824-849)	3MHz	16QAM	27025	15RB#0	2.7366	3.039	PASS
26(824-849)	10MHz	QPSK	26915	50RB#0	9.1346	9.840	PASS
26(824-849)	10MHz	16QAM	26915	50RB#0	9.1303	9.889	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	8.7606	9.521	PASS
26(824-849)	10MHz	16QAM	26990	50RB#0	8.7531	9.617	PASS
26(824-849)	15MHz	QPSK	26865	75RB#0	11.750	13.98	PASS
26(824-849)	15MHz	16QAM	26865	75RB#0	11.766	13.95	PASS
26(824-849)	15MHz	QPSK	26915	75RB#0	13.683	14.80	PASS
26(824-849)	15MHz	16QAM	26915	75RB#0	13.652	14.81	PASS
26(824-849)	15MHz	QPSK	26965	75RB#0	13.488	18.51	PASS
26(824-849)	15MHz	16QAM	26965	75RB#0	13.646	23.37	PASS

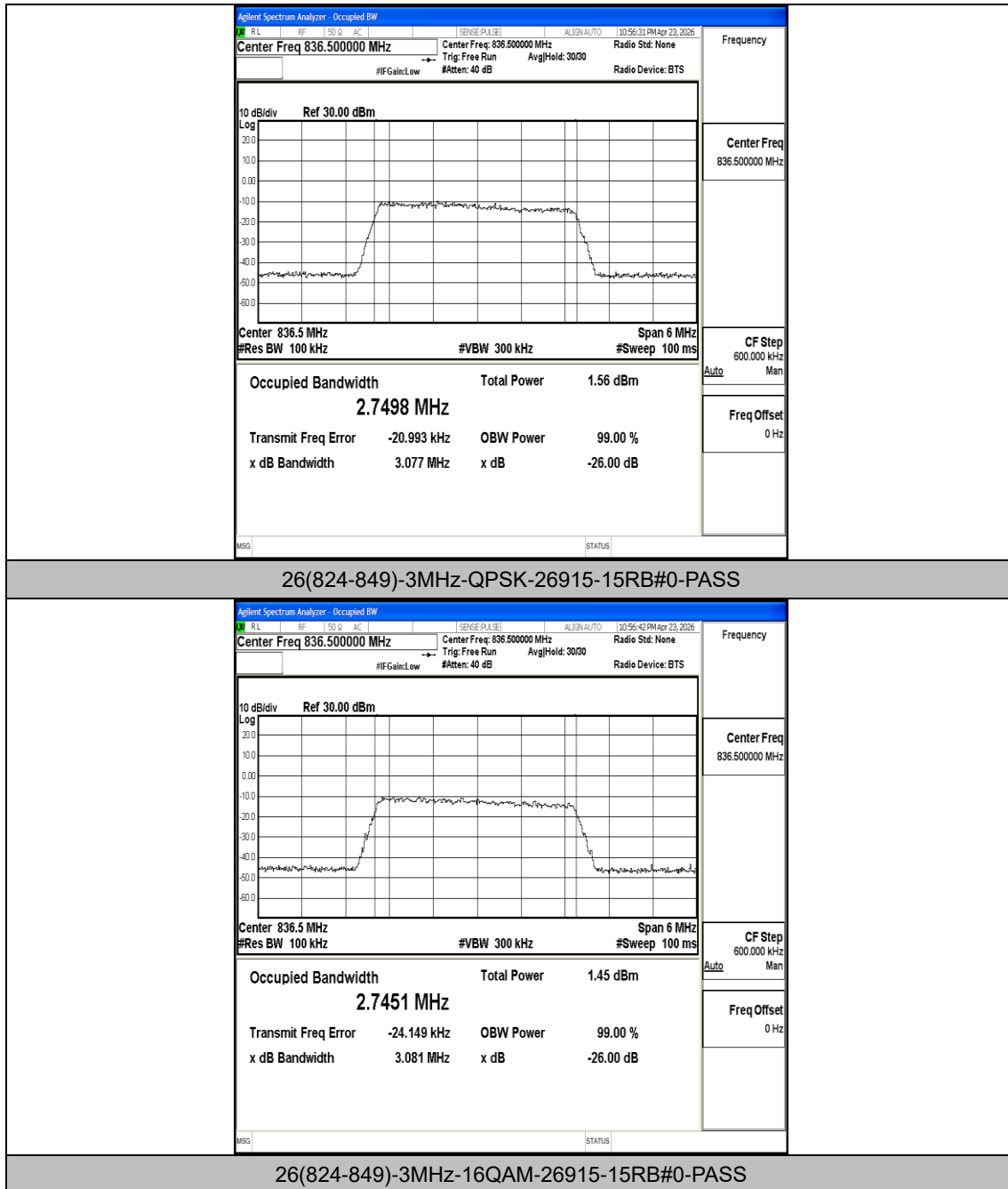
Test Graphs

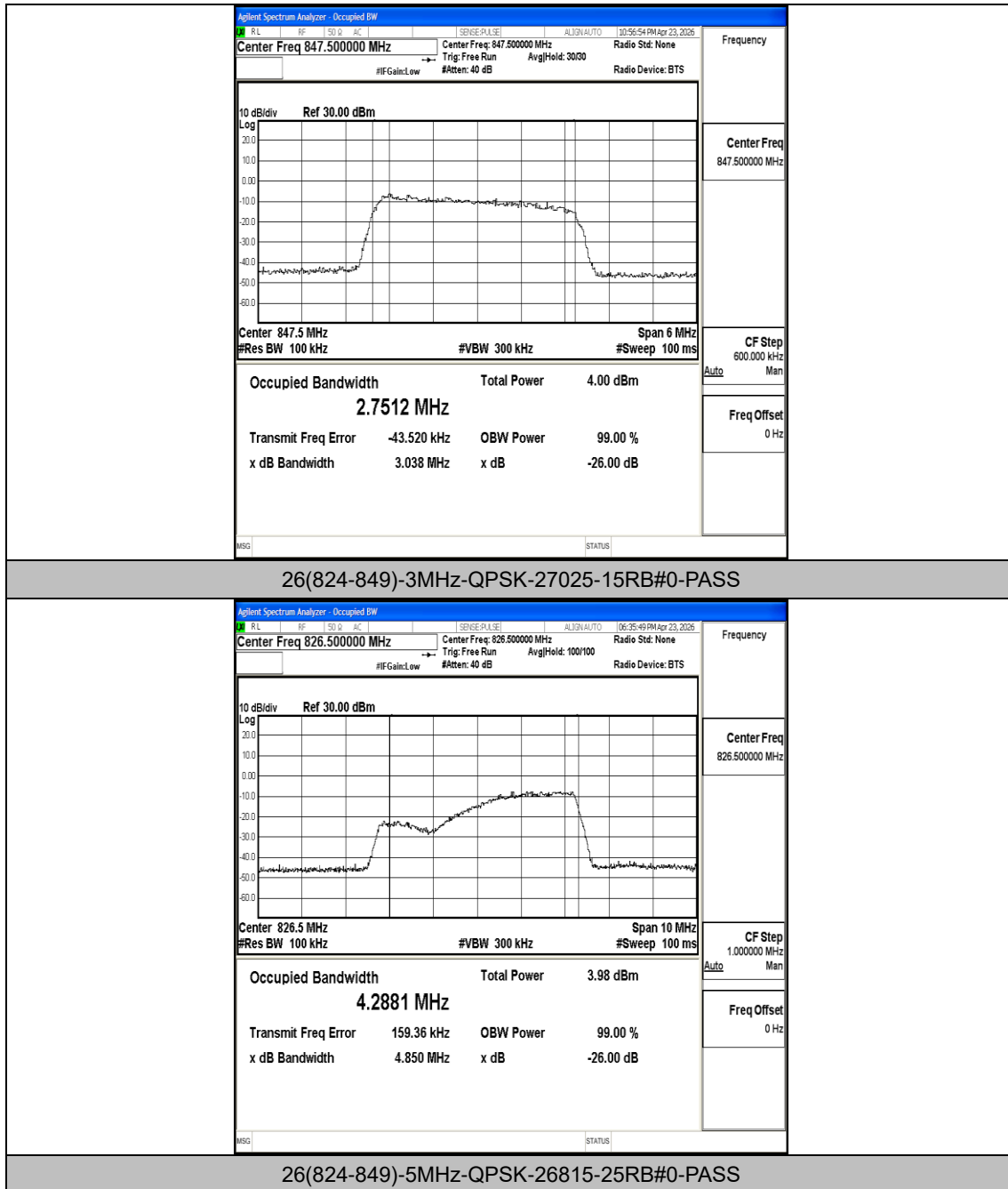


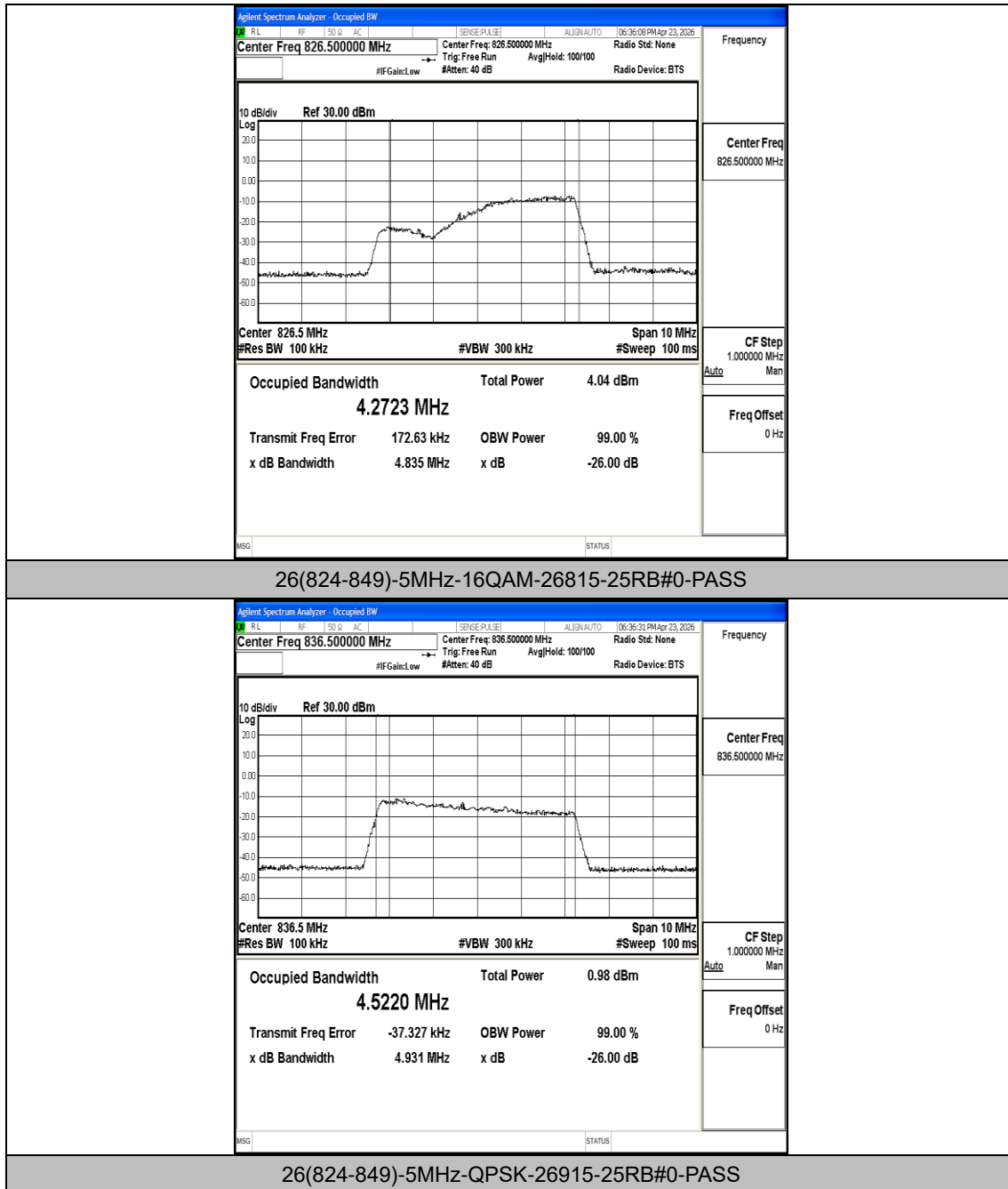


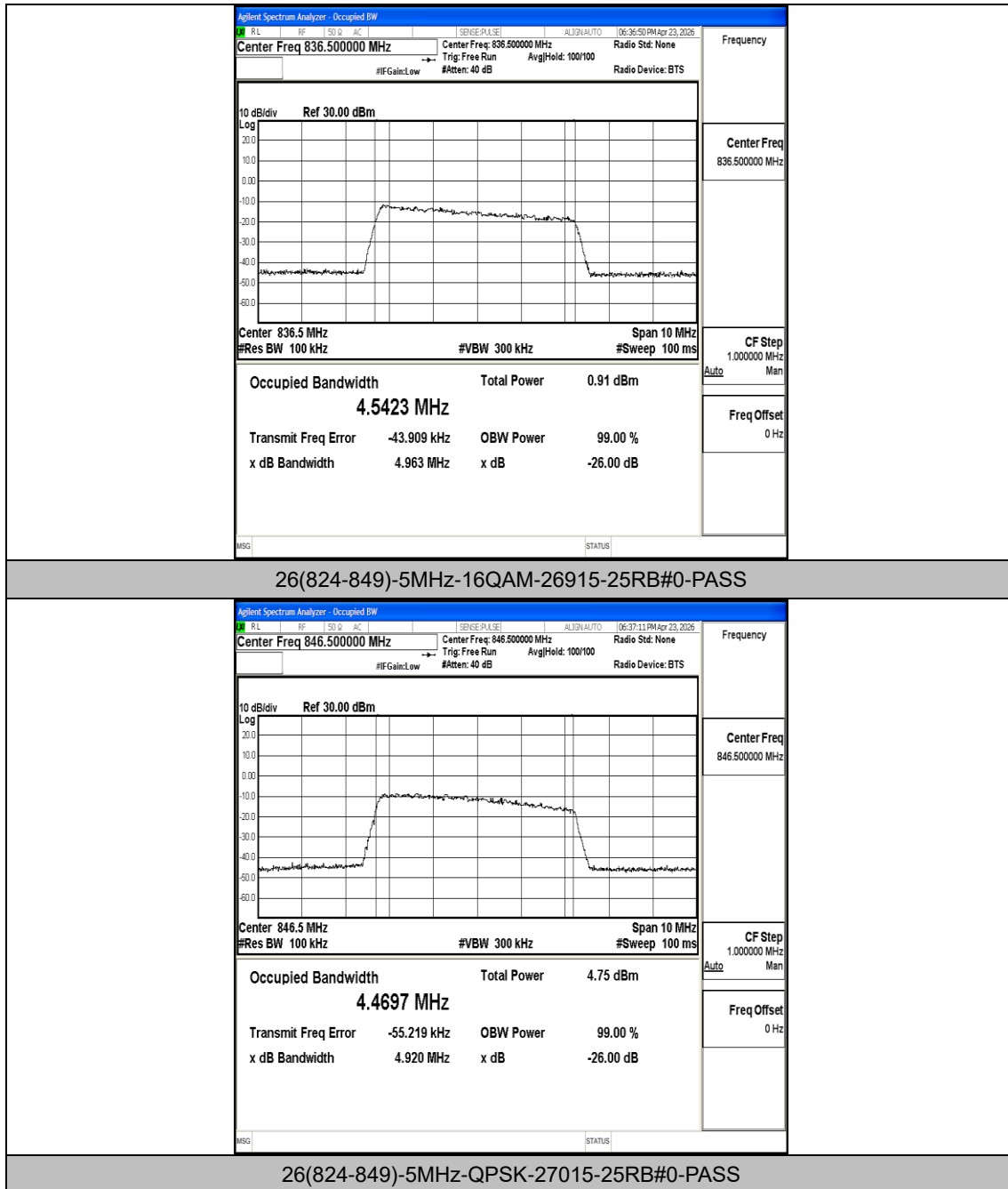


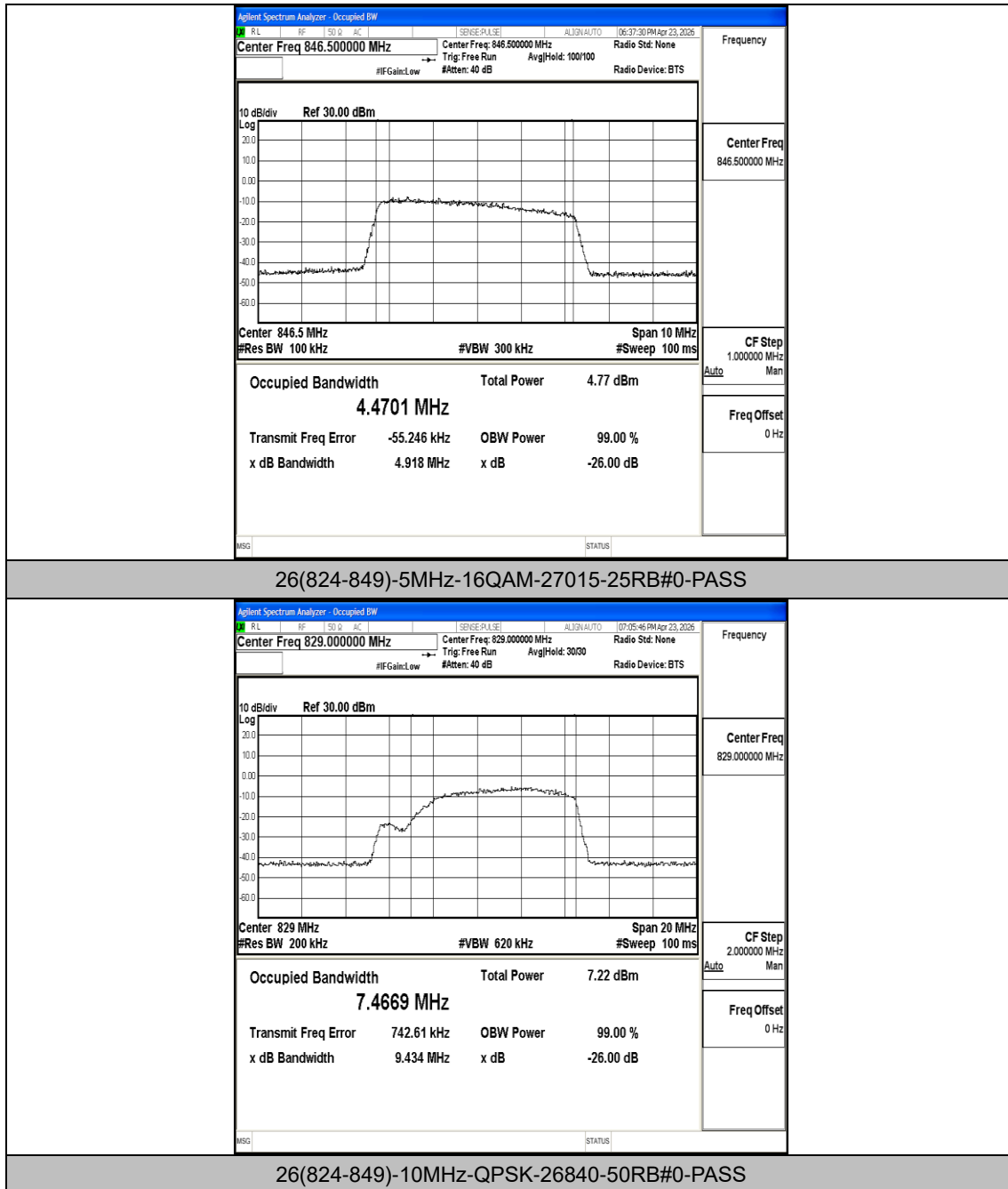


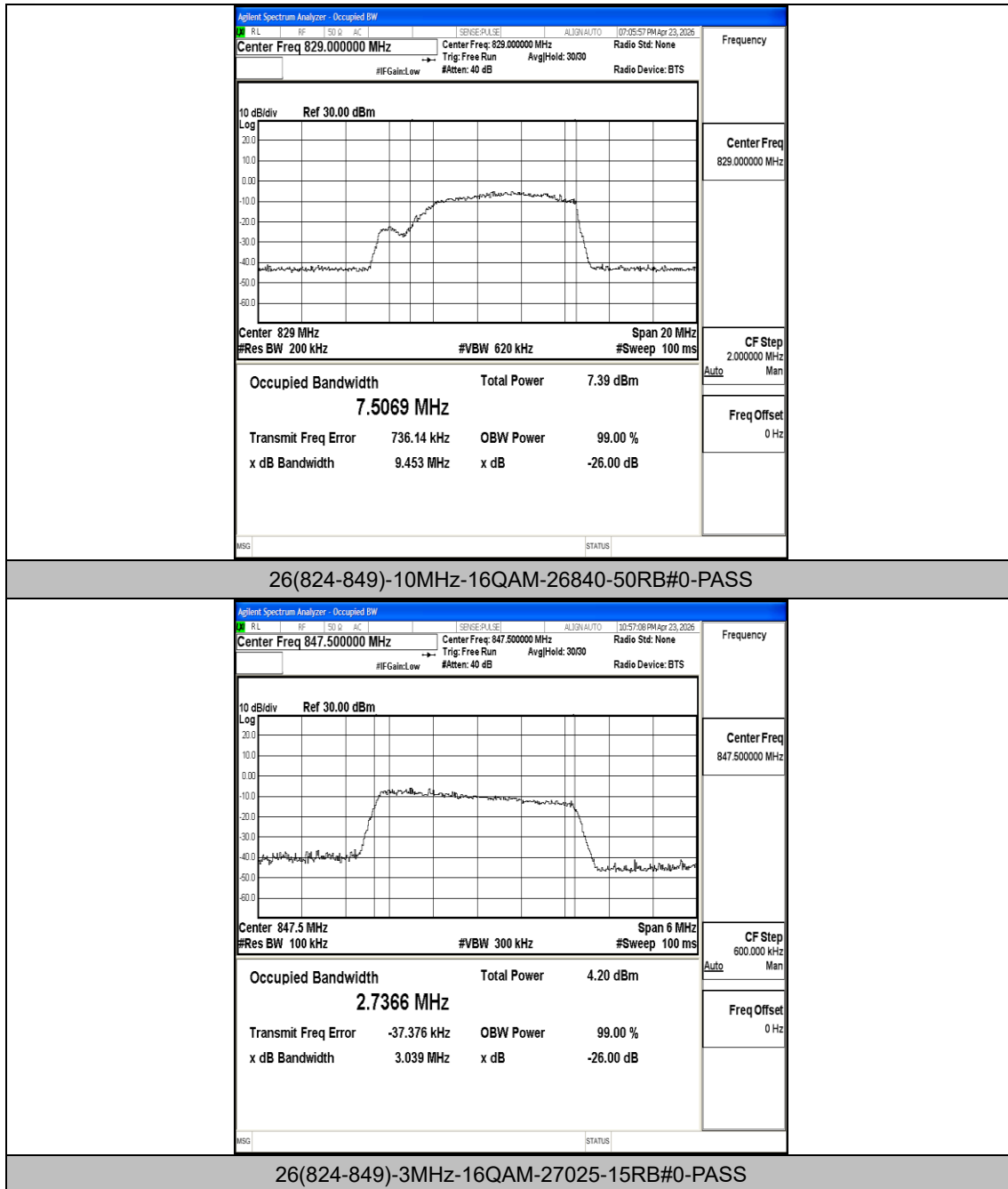


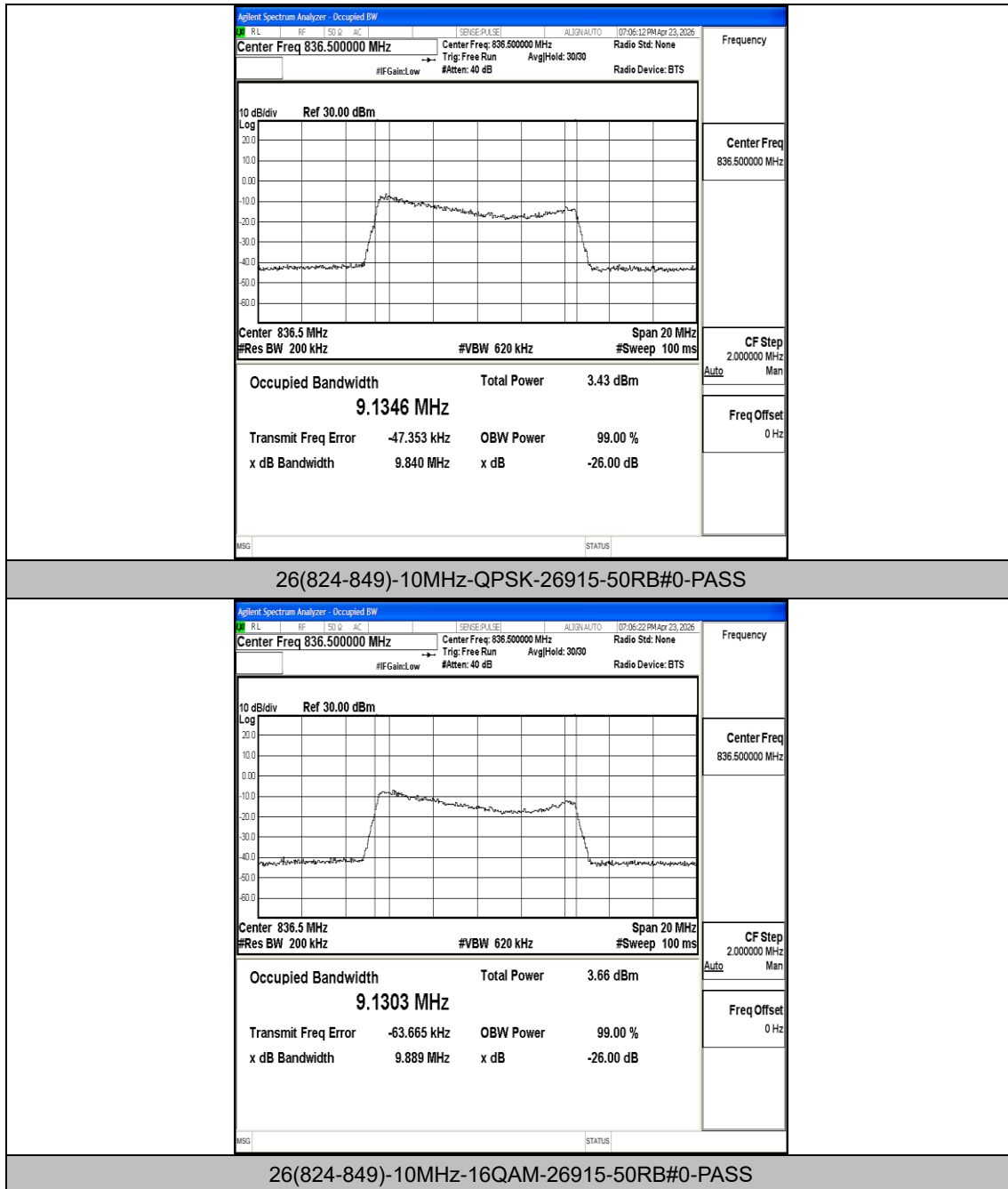


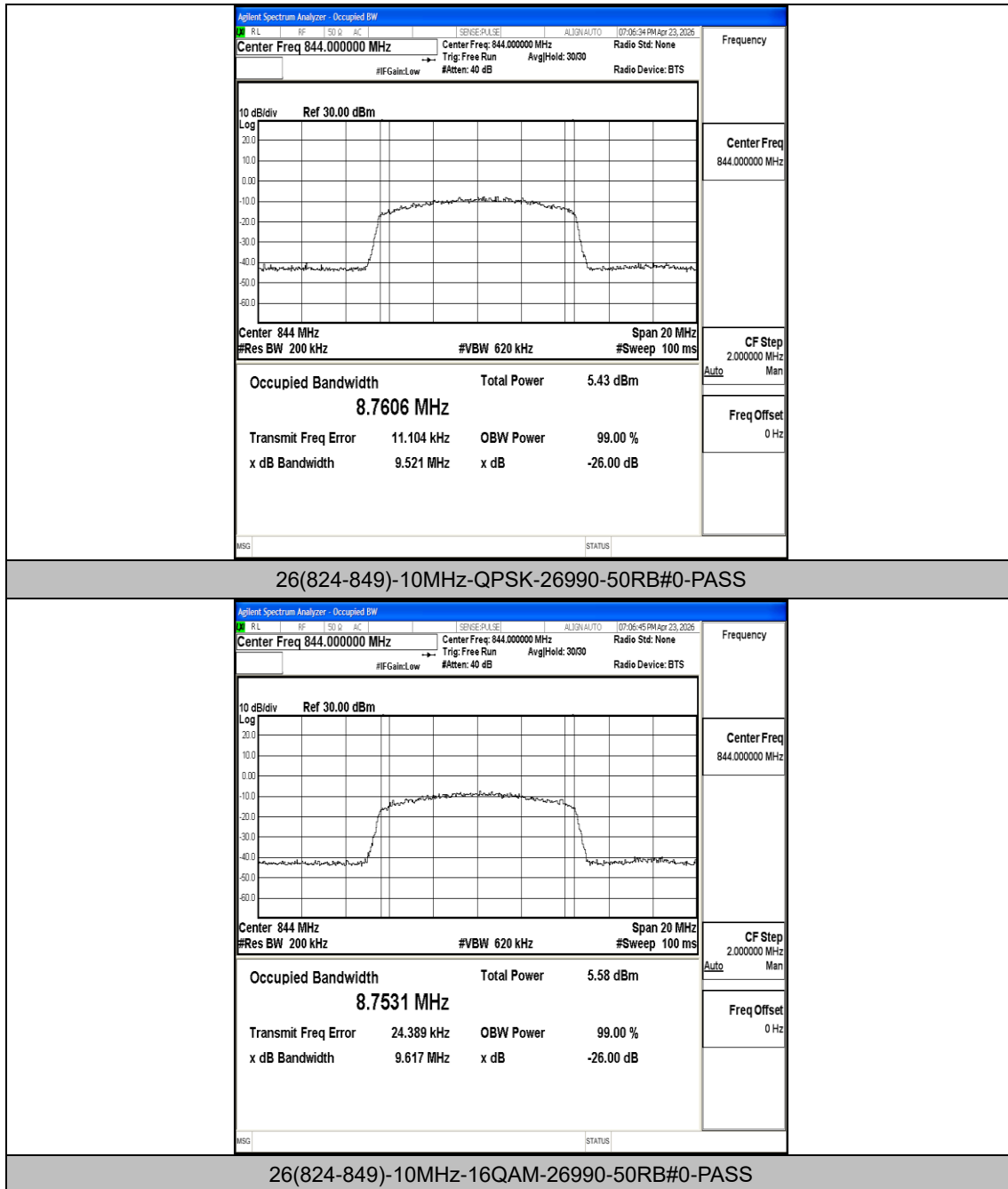


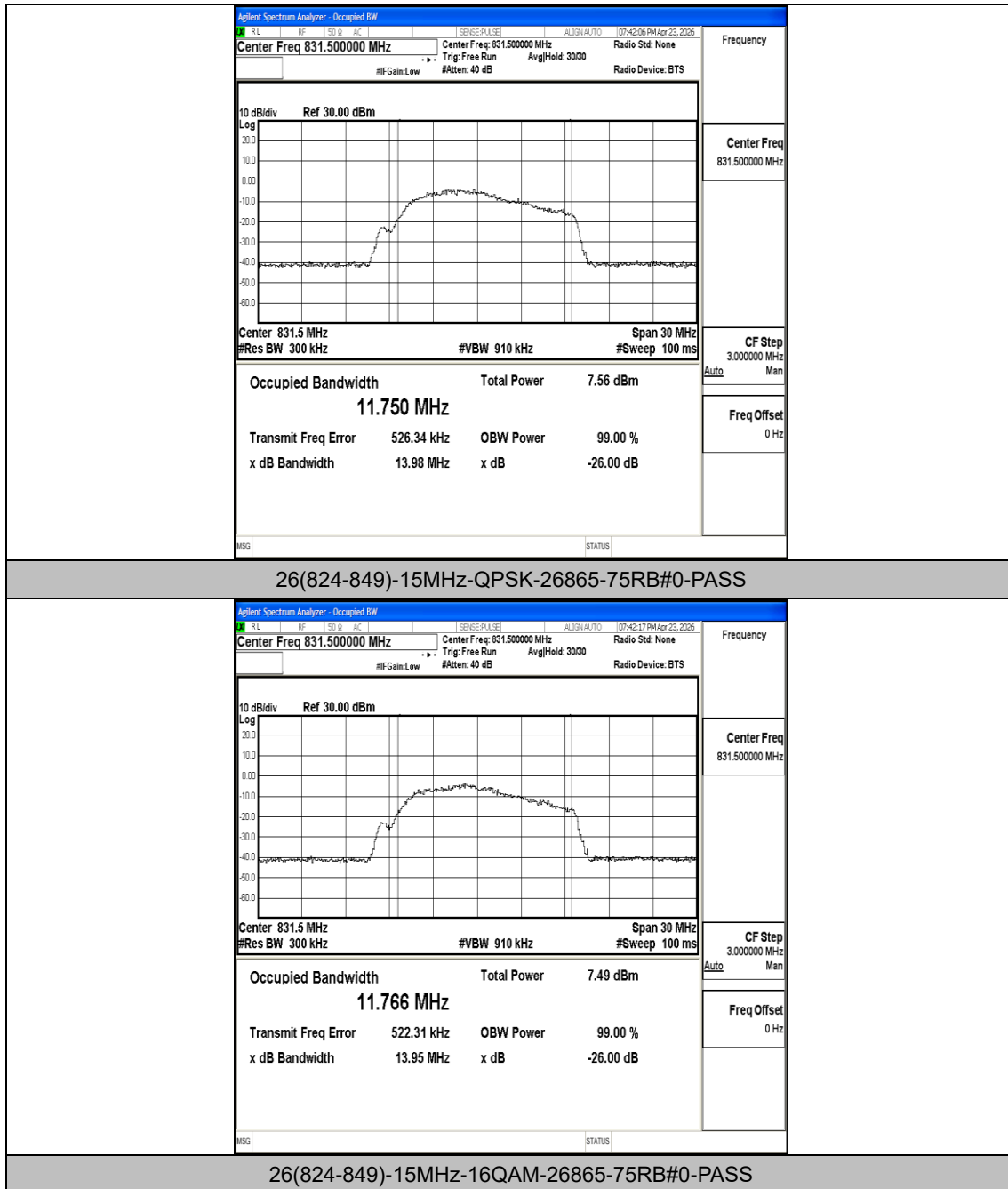


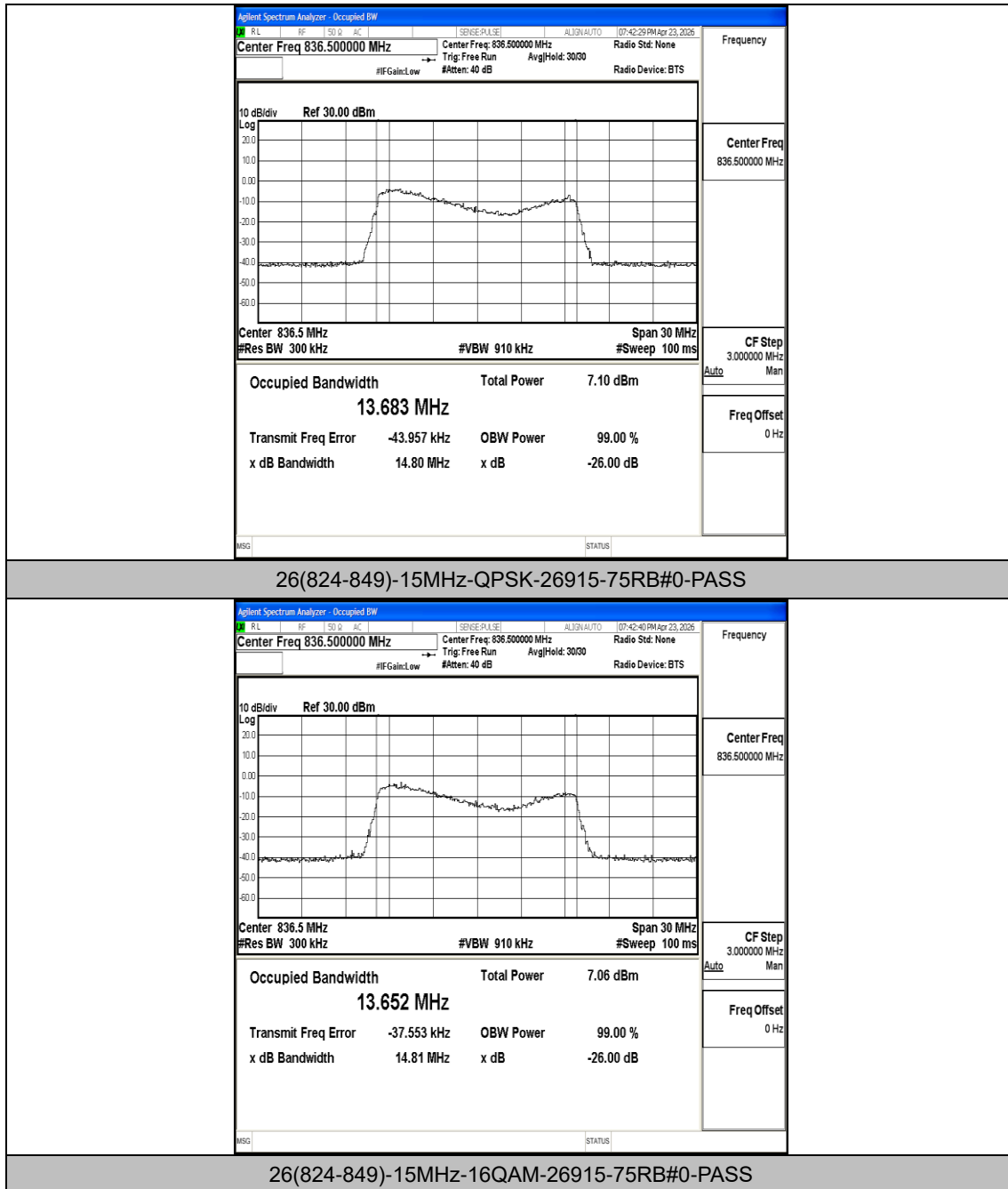


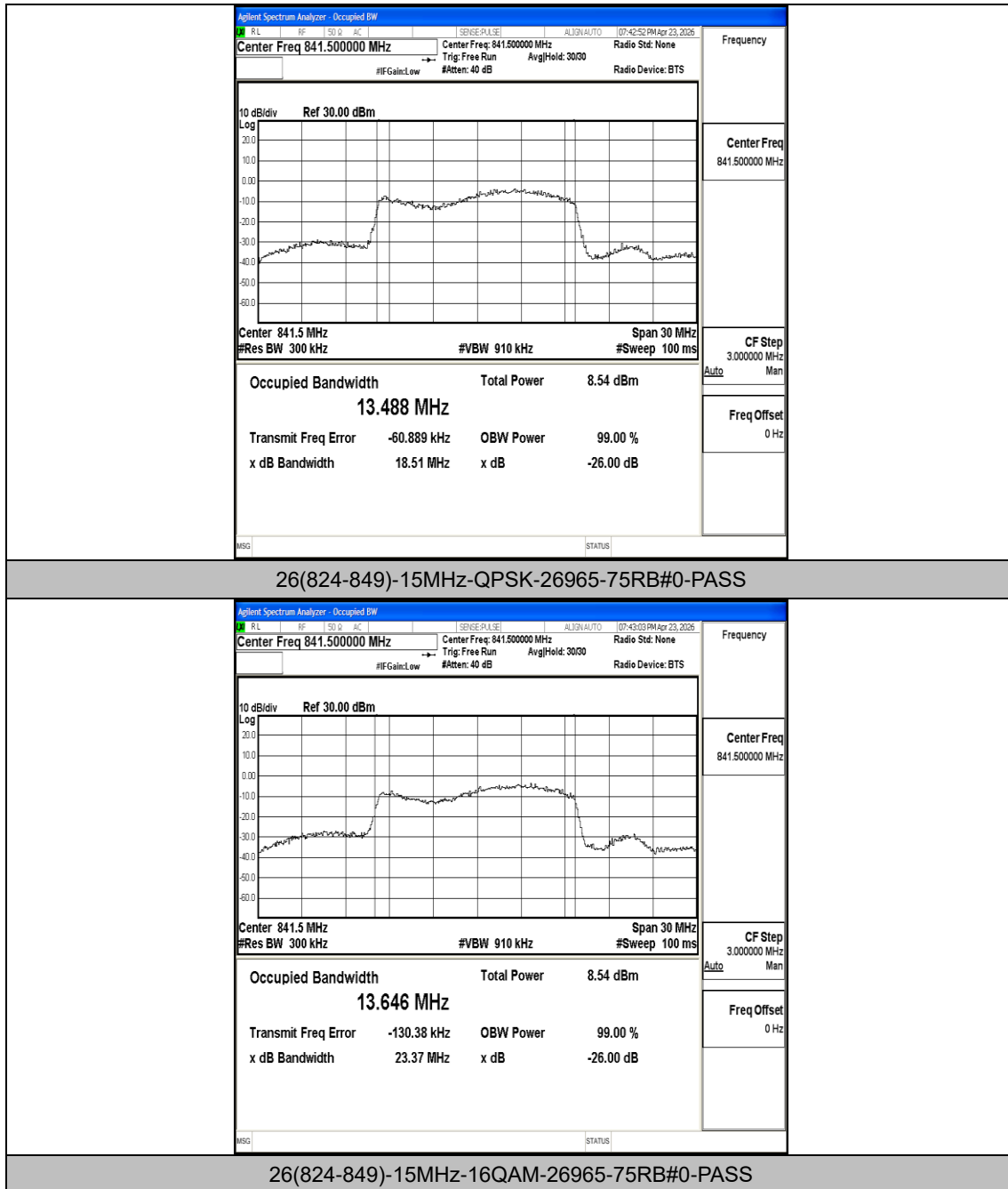










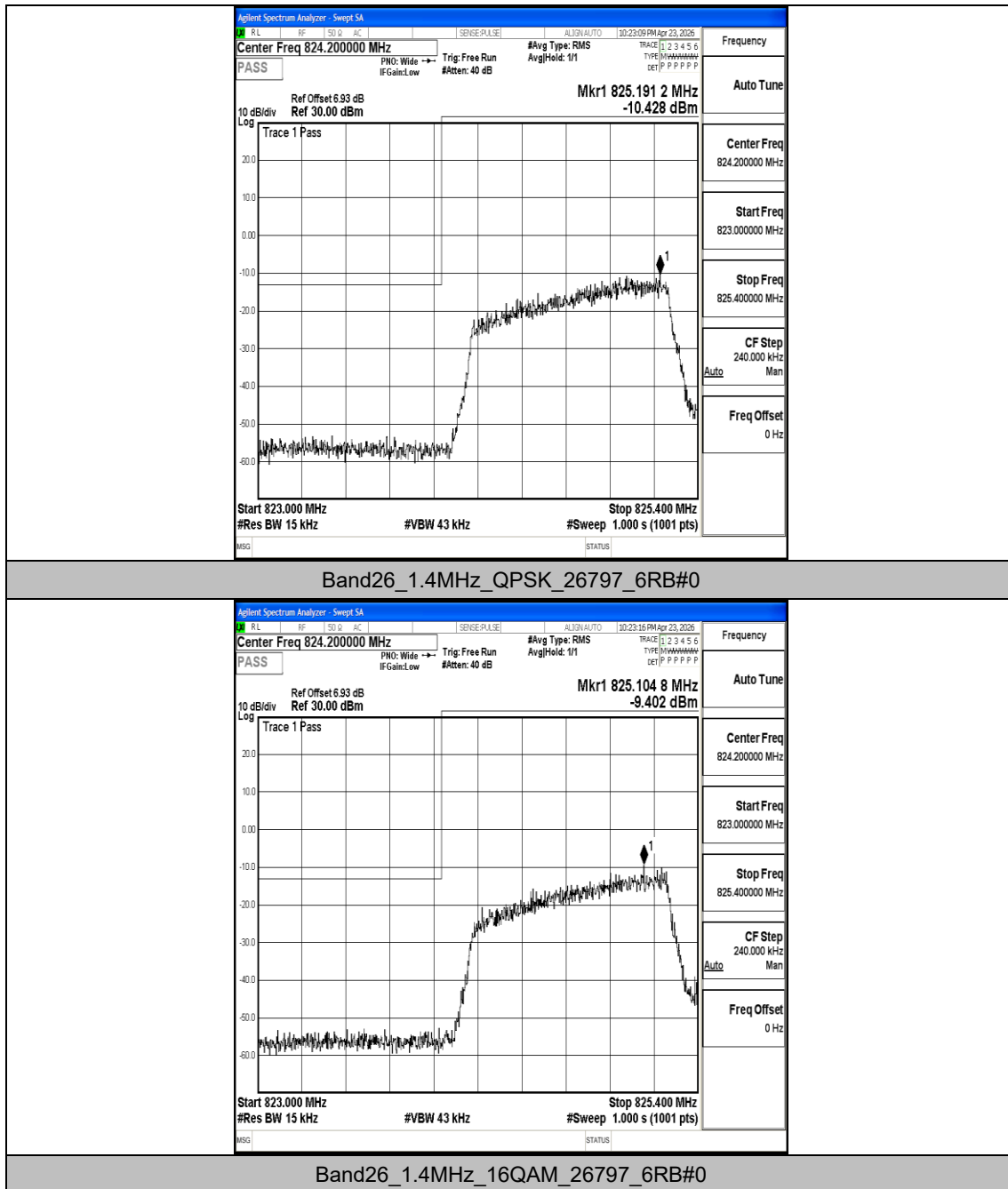


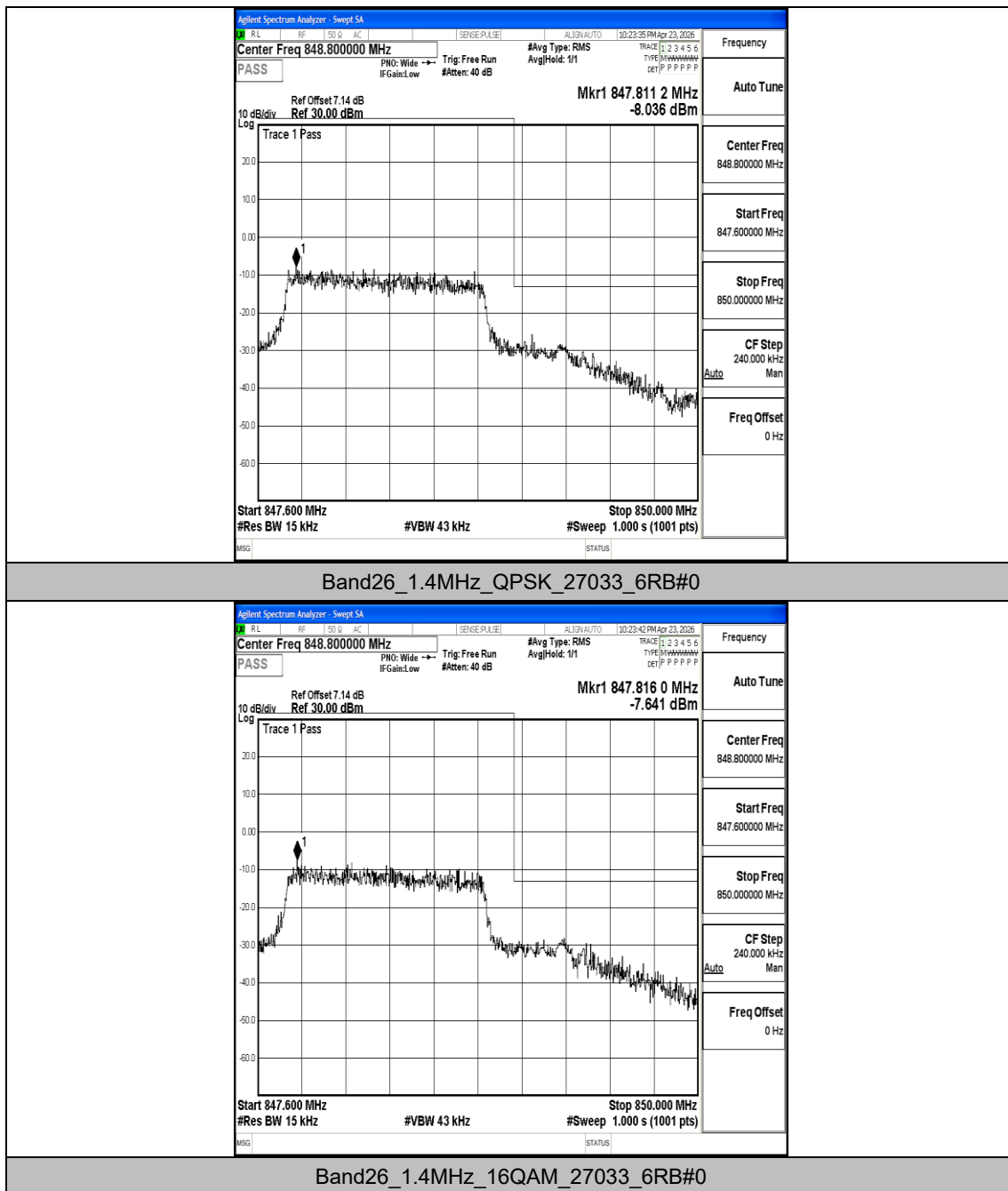
3 Band Edge

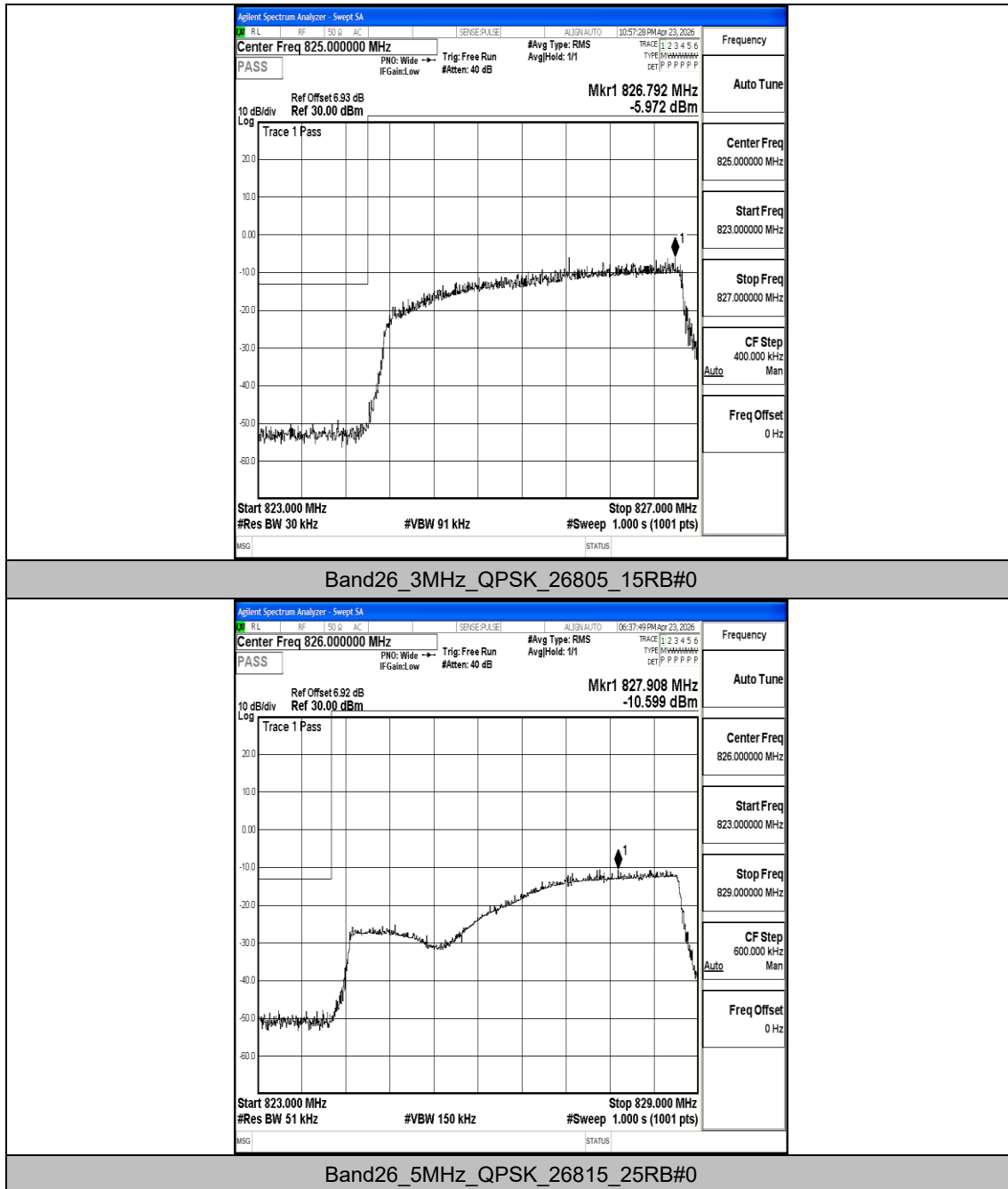
Test Result

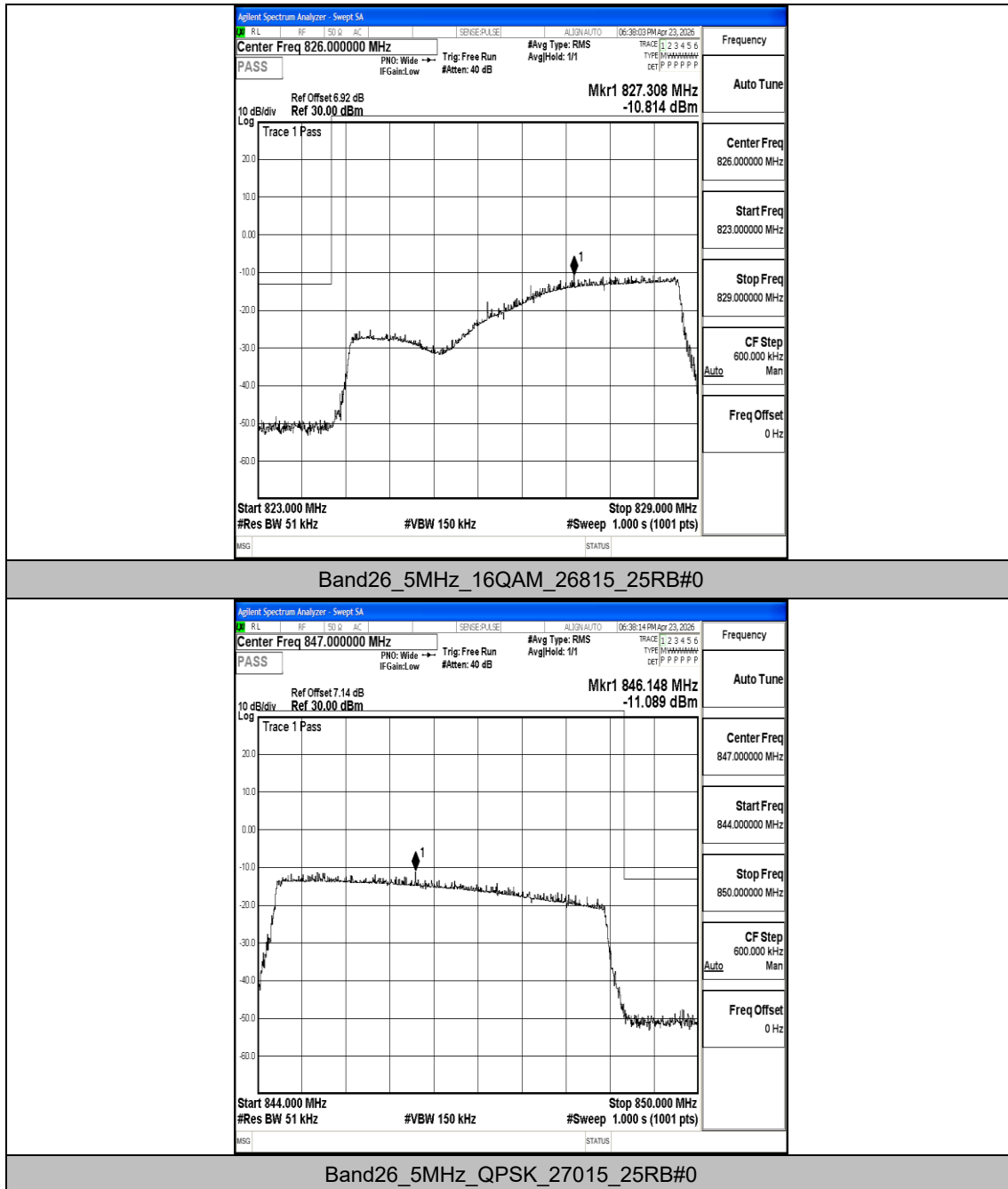
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
26(824-849)	1.4MHz	QPSK	26797	6RB#0	823.41	-53.17	PASS
26(824-849)	1.4MHz	16QAM	26797	6RB#0	823.99	-52.68	PASS
26(824-849)	1.4MHz	QPSK	27033	6RB#0	849.10	-25.81	PASS
26(824-849)	1.4MHz	16QAM	27033	6RB#0	849.27	-28.19	PASS
26(824-849)	3MHz	QPSK	26805	15RB#0	823.73	-49.12	PASS
26(824-849)	5MHz	QPSK	26815	25RB#0	823.89	-47.85	PASS
26(824-849)	5MHz	16QAM	26815	25RB#0	823.25	-48.23	PASS
26(824-849)	5MHz	QPSK	27015	25RB#0	849.78	-47.61	PASS
26(824-849)	5MHz	16QAM	27015	25RB#0	849.71	-47.80	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	823.42	-44.17	PASS
26(824-849)	3MHz	16QAM	26805	15RB#0	823.04	-49.20	PASS
26(824-849)	3MHz	QPSK	27025	15RB#0	849.01	-45.22	PASS
26(824-849)	3MHz	16QAM	27025	15RB#0	849.00	-44.13	PASS
26(824-849)	10MHz	16QAM	26840	50RB#0	823.85	-44.99	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	849.49	-44.73	PASS
26(824-849)	10MHz	16QAM	26990	50RB#0	849.52	-44.51	PASS
26(824-849)	15MHz	QPSK	26865	75RB#0	823.74	-44.69	PASS
26(824-849)	15MHz	16QAM	26865	75RB#0	823.02	-43.28	PASS
26(824-849)	15MHz	QPSK	26965	75RB#0	849.31	-41.97	PASS
26(824-849)	15MHz	16QAM	26965	75RB#0	849.54	-29.29	PASS

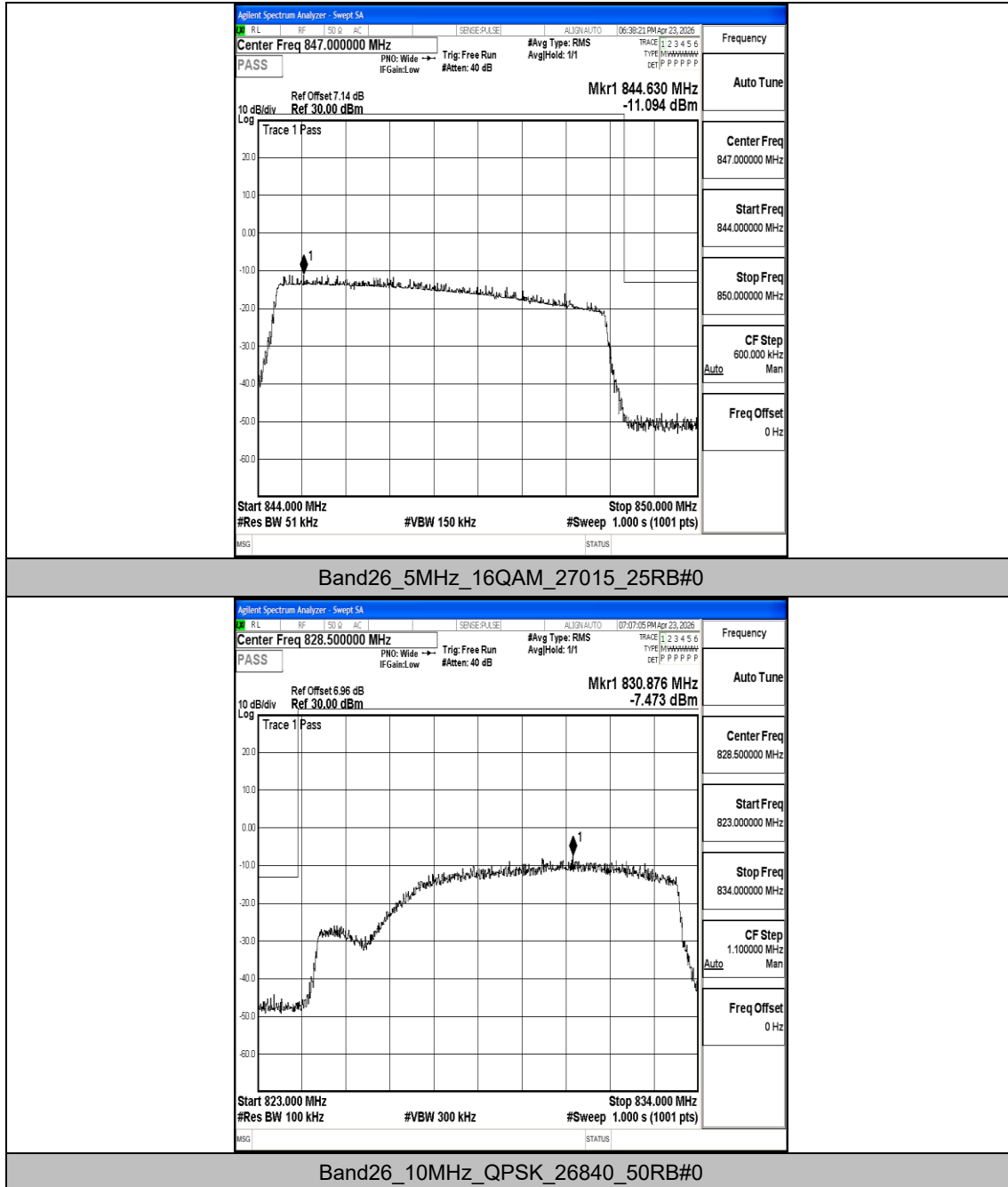
Test Graphs

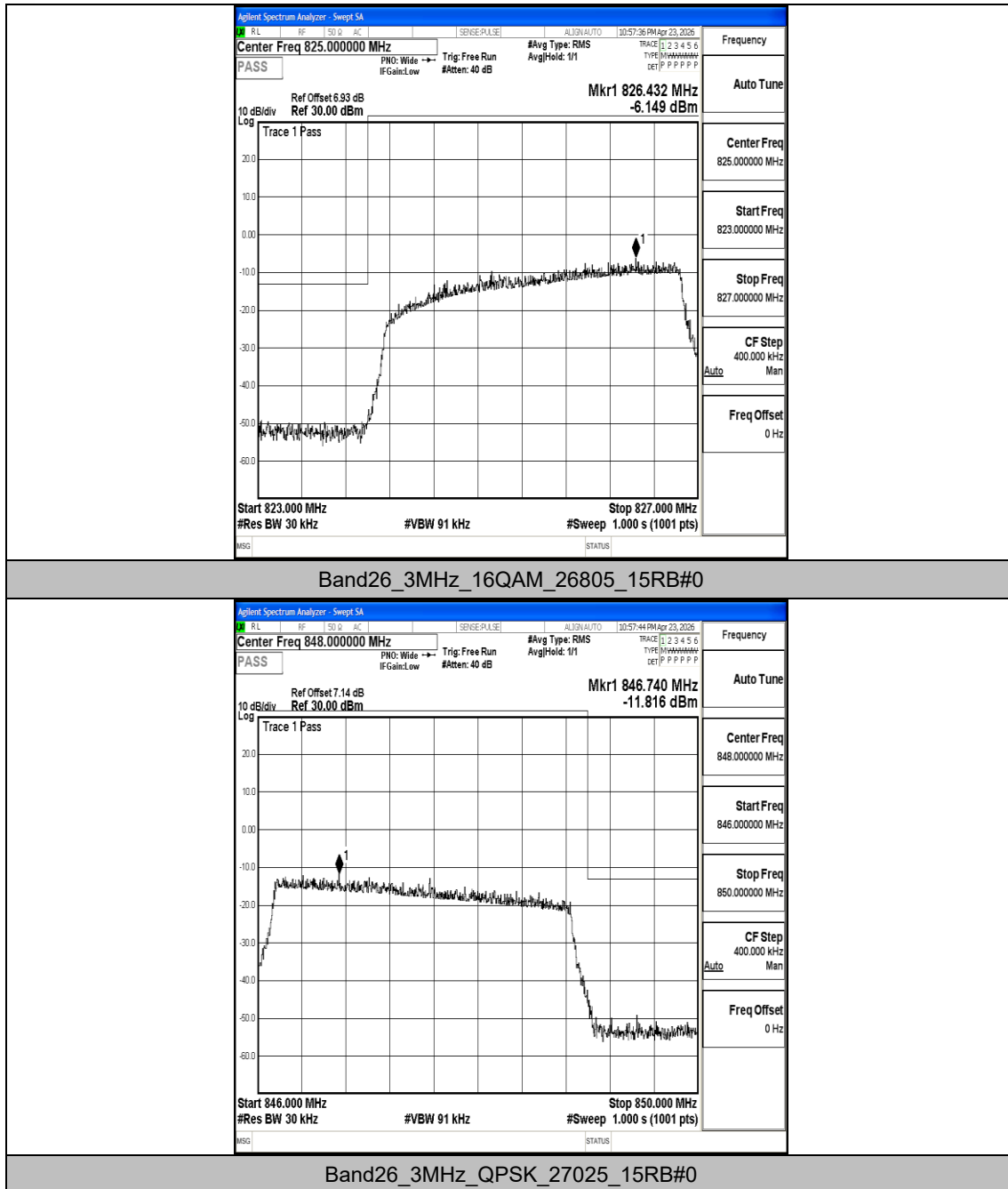


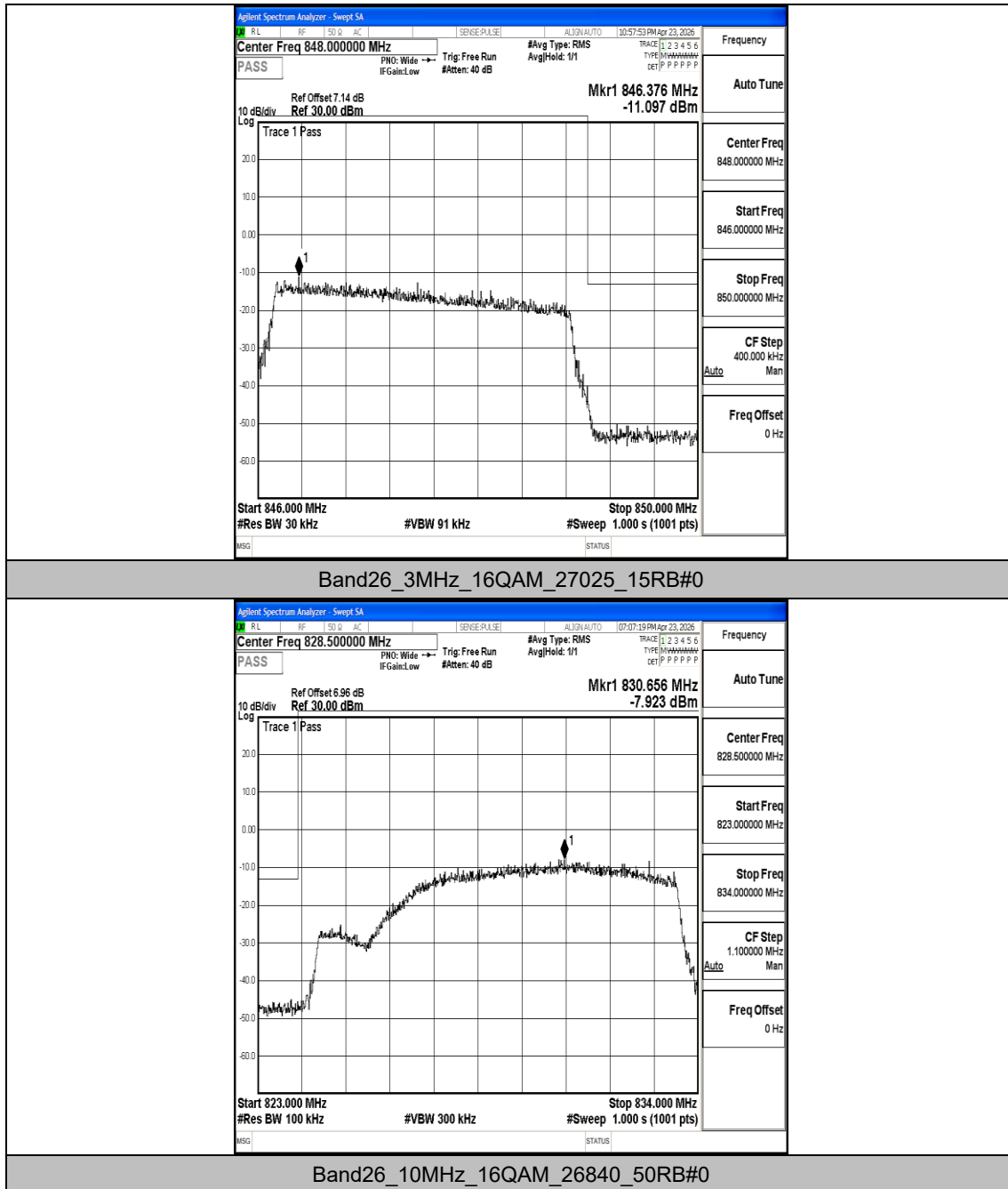


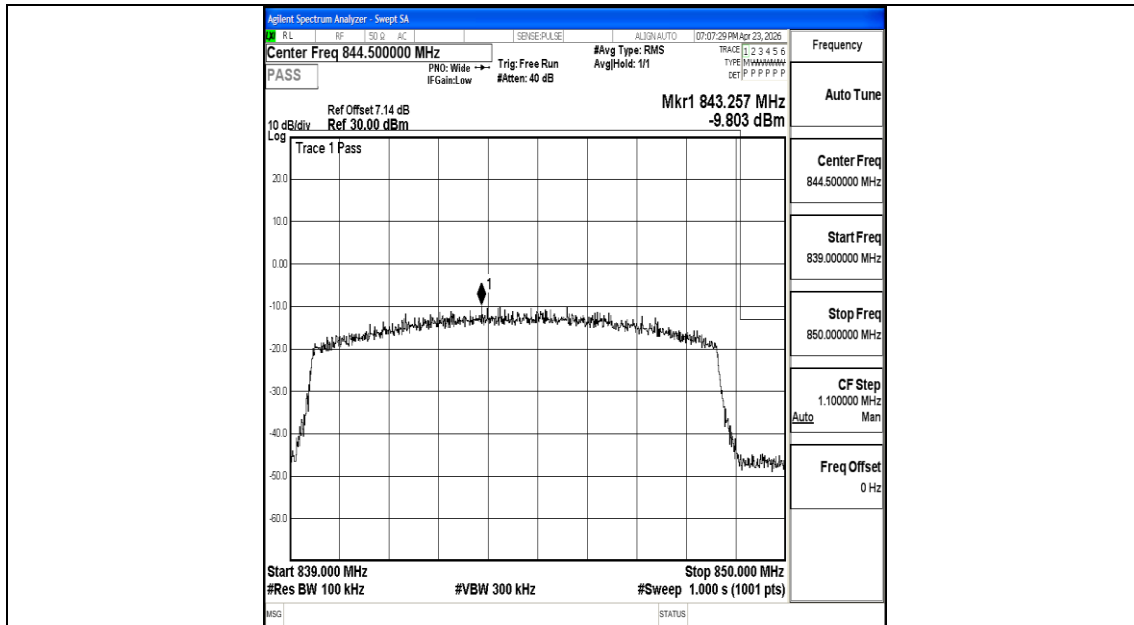




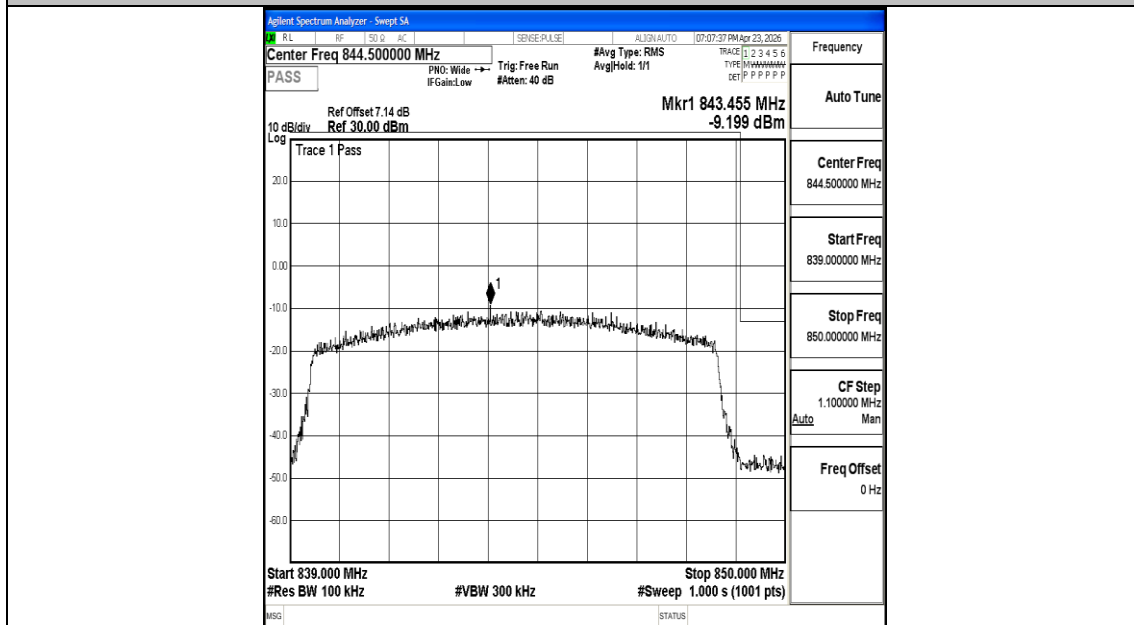








Band26_10MHz_QPSK_26990_50RB#0



Band26_10MHz_16QAM_26990_50RB#0

