



FCC Appendix RF Test Data for LTE Band 5

Product Name: Tablet

Test Model: PAD_A14

Environmental Conditions

Temperature:	24.5°C
Relative Humidity:	53.9%
ATM Pressure:	100.0 kPa
Test Engineer:	Zoey Cao
Supervised by:	Eric Wang

1 Peak-to-Average Ratio(CCDF)

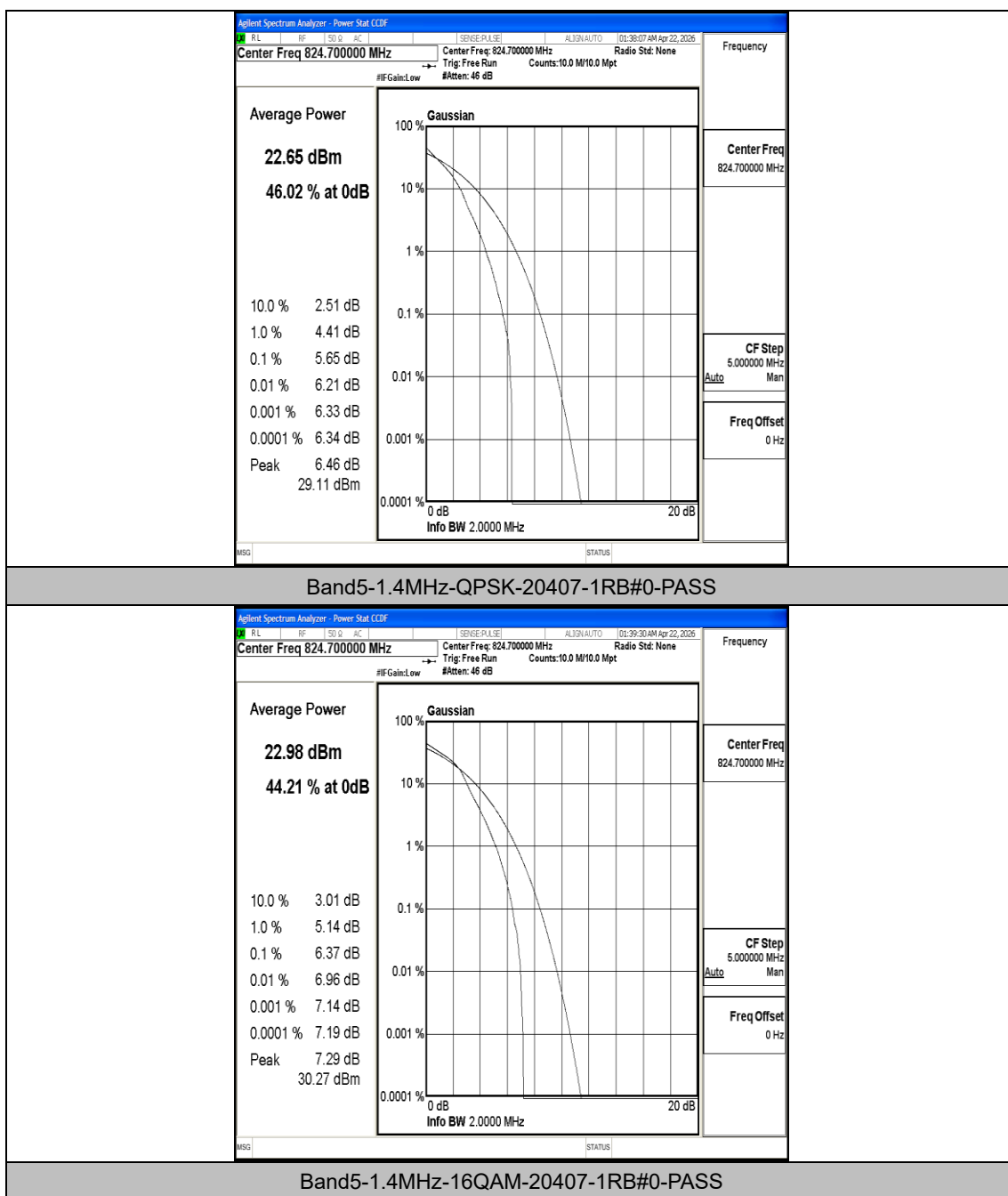
Test Result

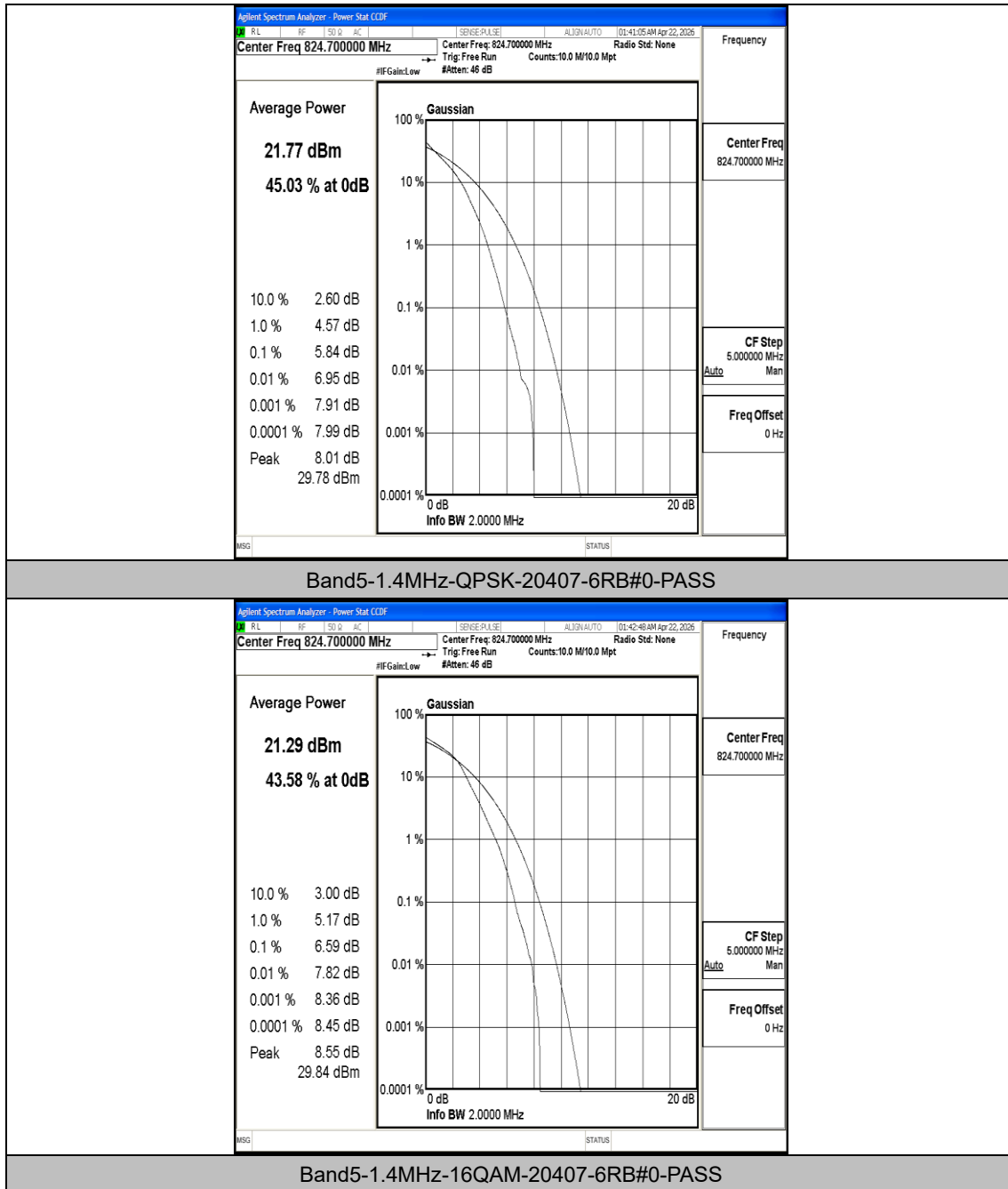
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.65	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.37	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.84	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.59	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.59	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.18	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.34	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.86	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.19	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.63	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.63	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.37	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.76	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.63	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.89	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.66	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.57	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.41	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.36	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.97	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.44	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	6.28	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.62	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.39	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.90	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	6.23	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.84	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.49	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.61	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.26	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.47	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.07	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.48	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	6.00	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.76	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.41	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.75	13	PASS

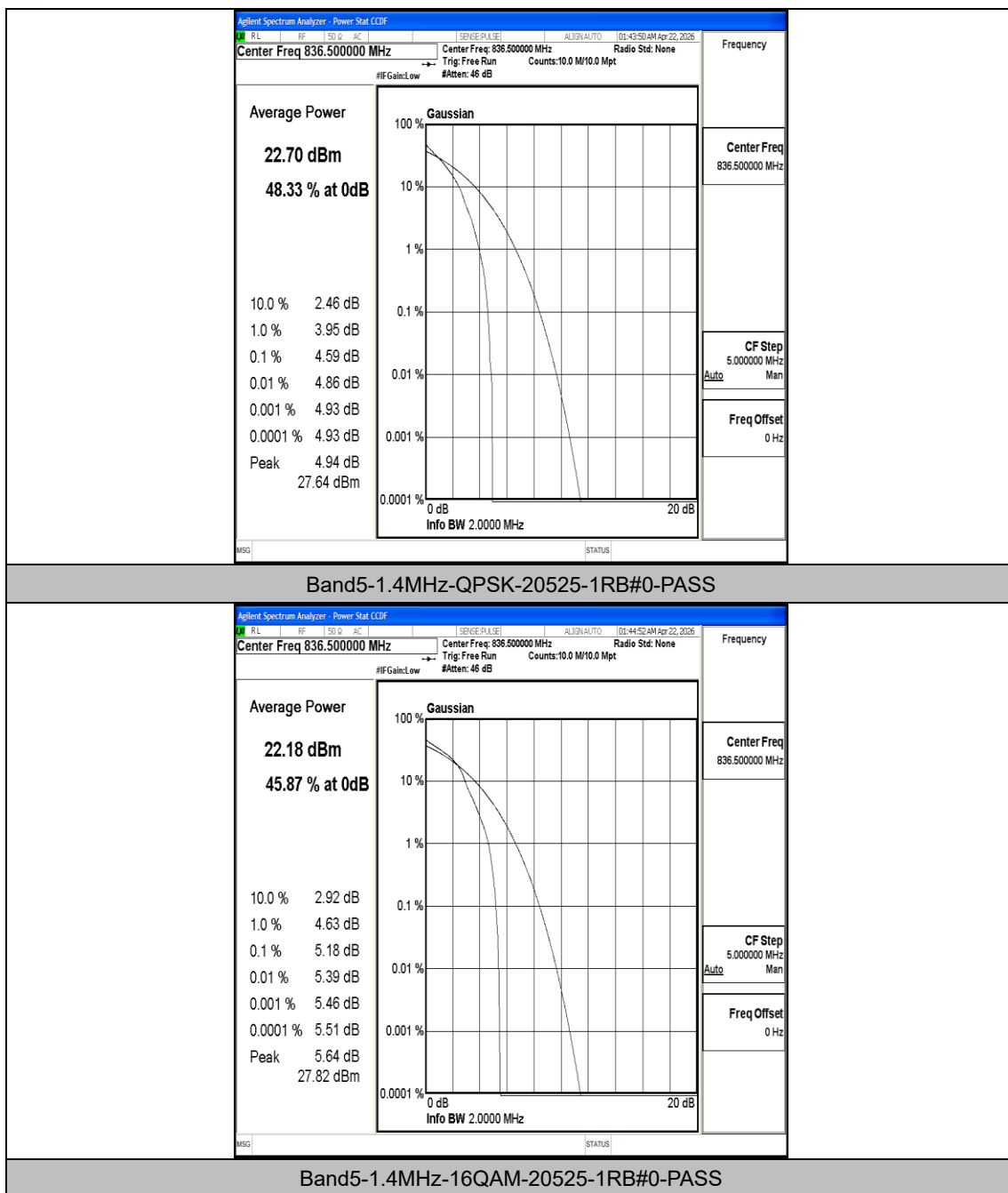


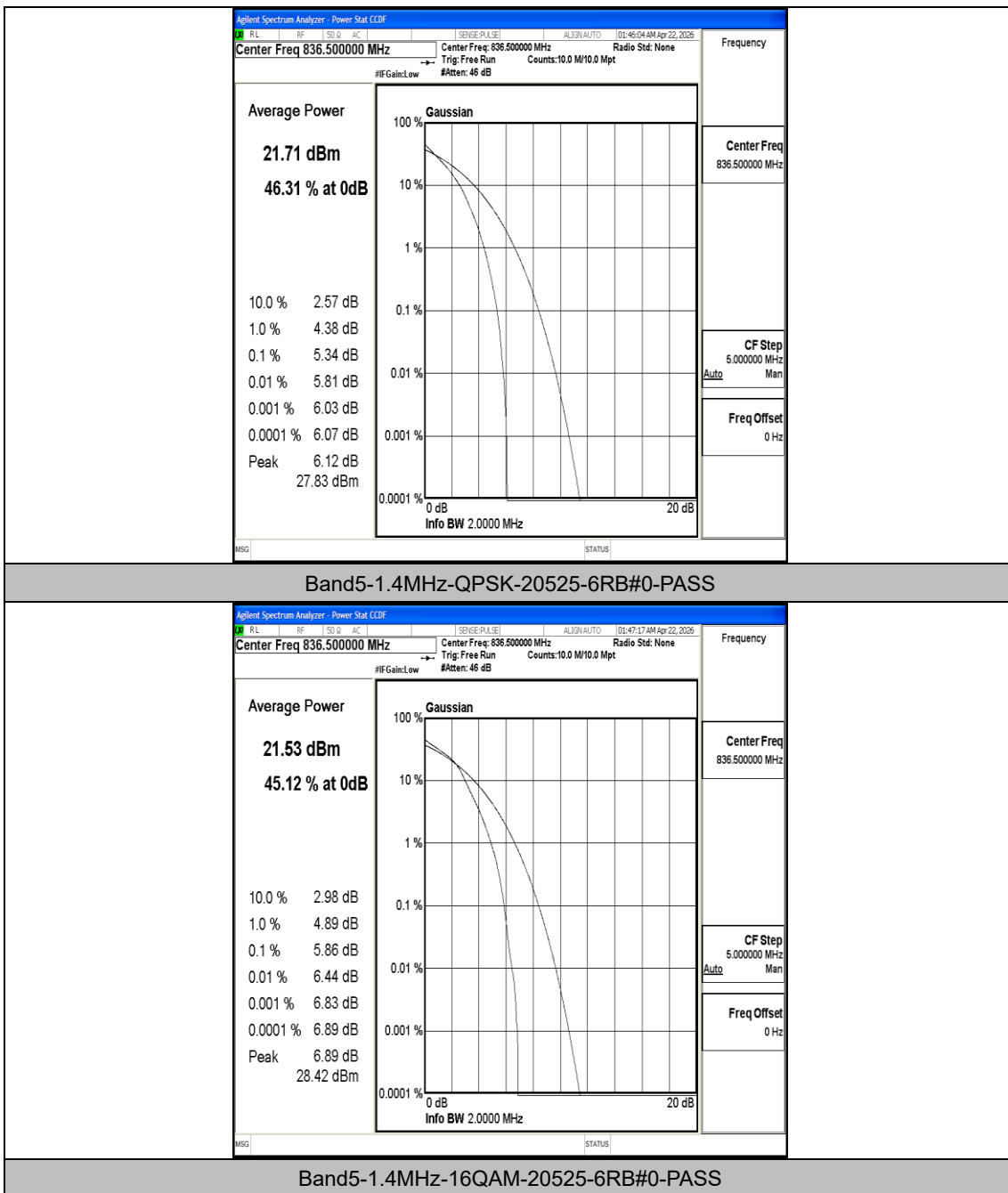
Band5	10MHz	16QAM	20450	1RB#0	6.57	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.80	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.46	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.91	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.47	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.58	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.22	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.28	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.83	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.82	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.53	13	PASS

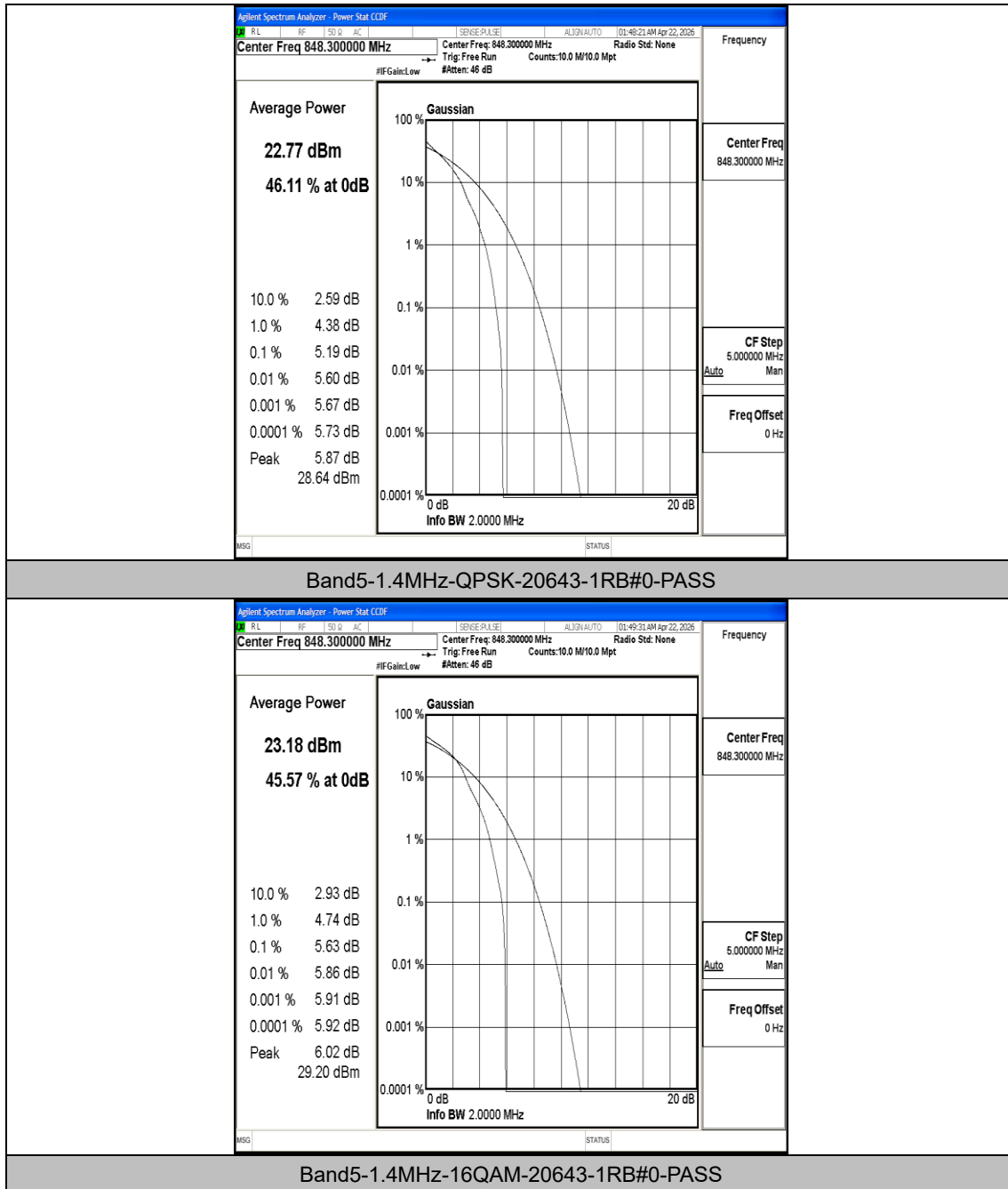
Test Graphs

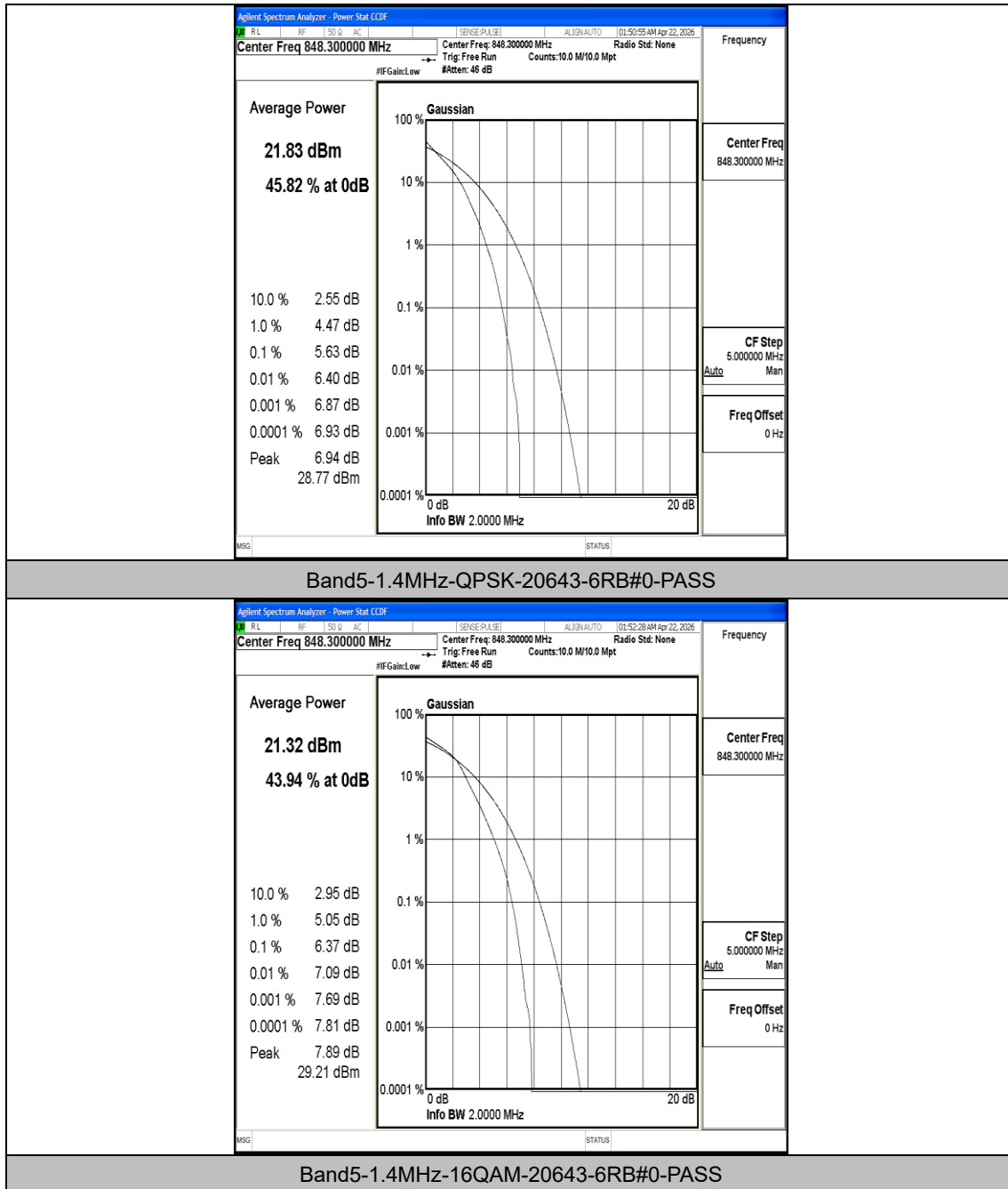


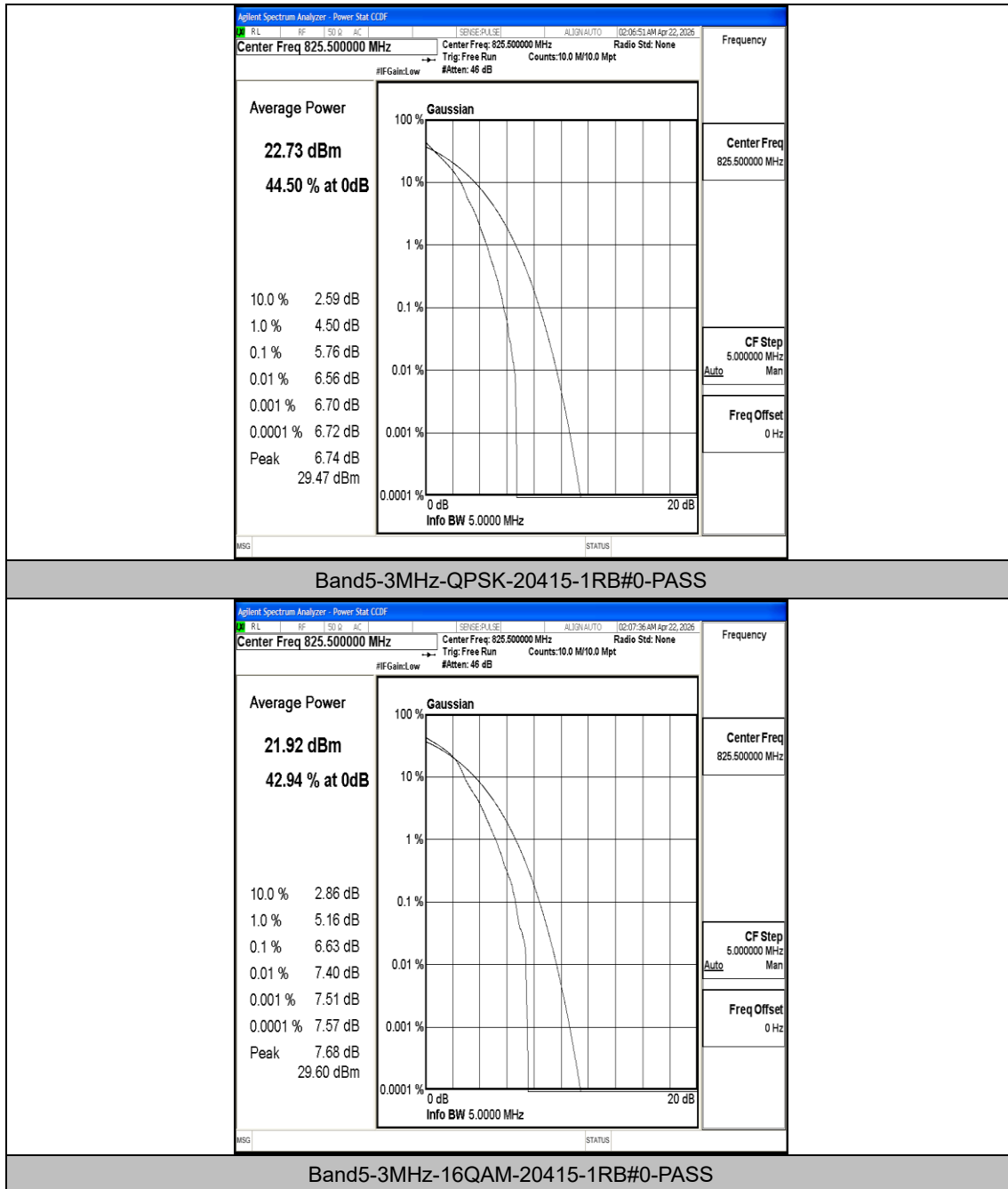


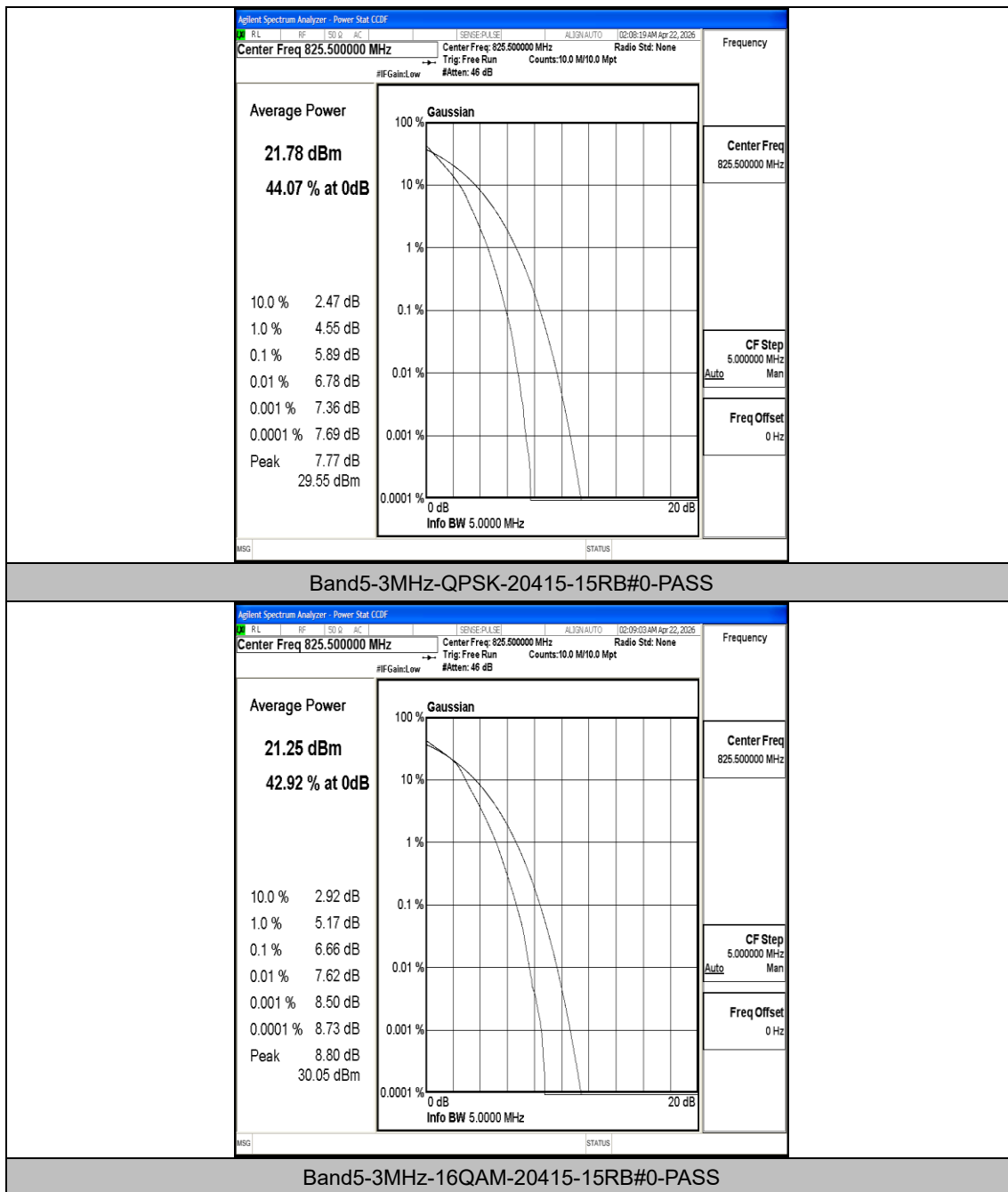


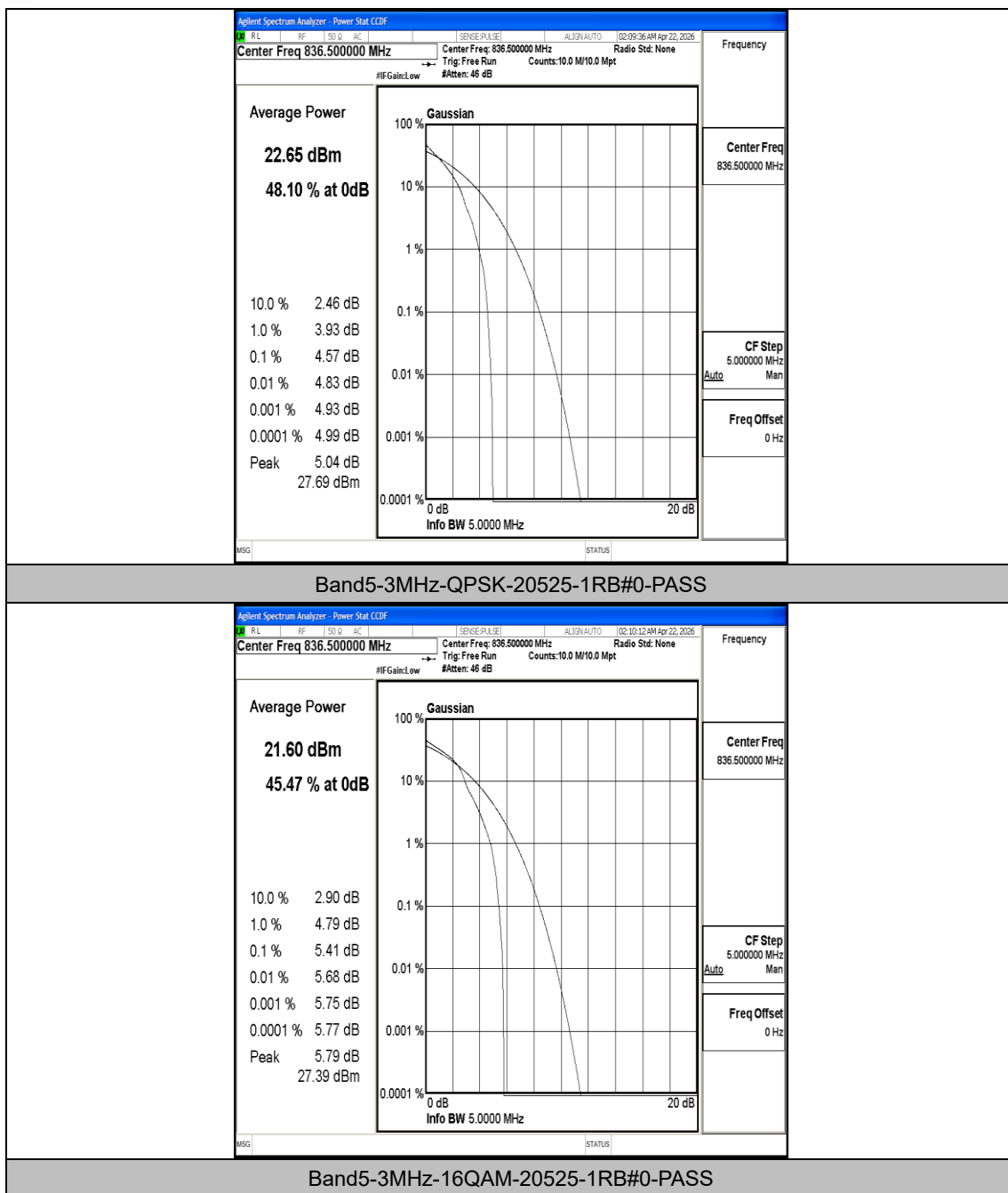


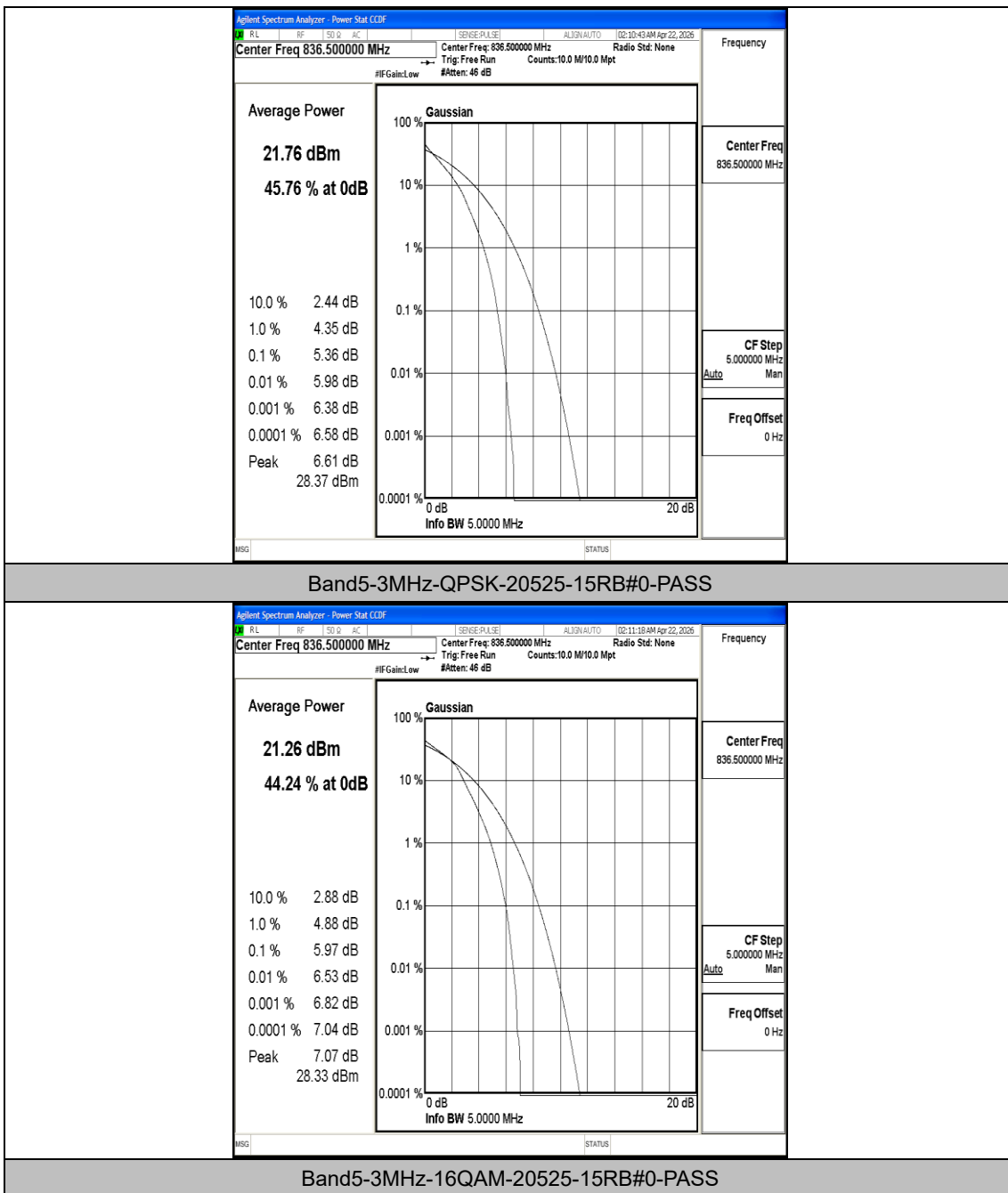


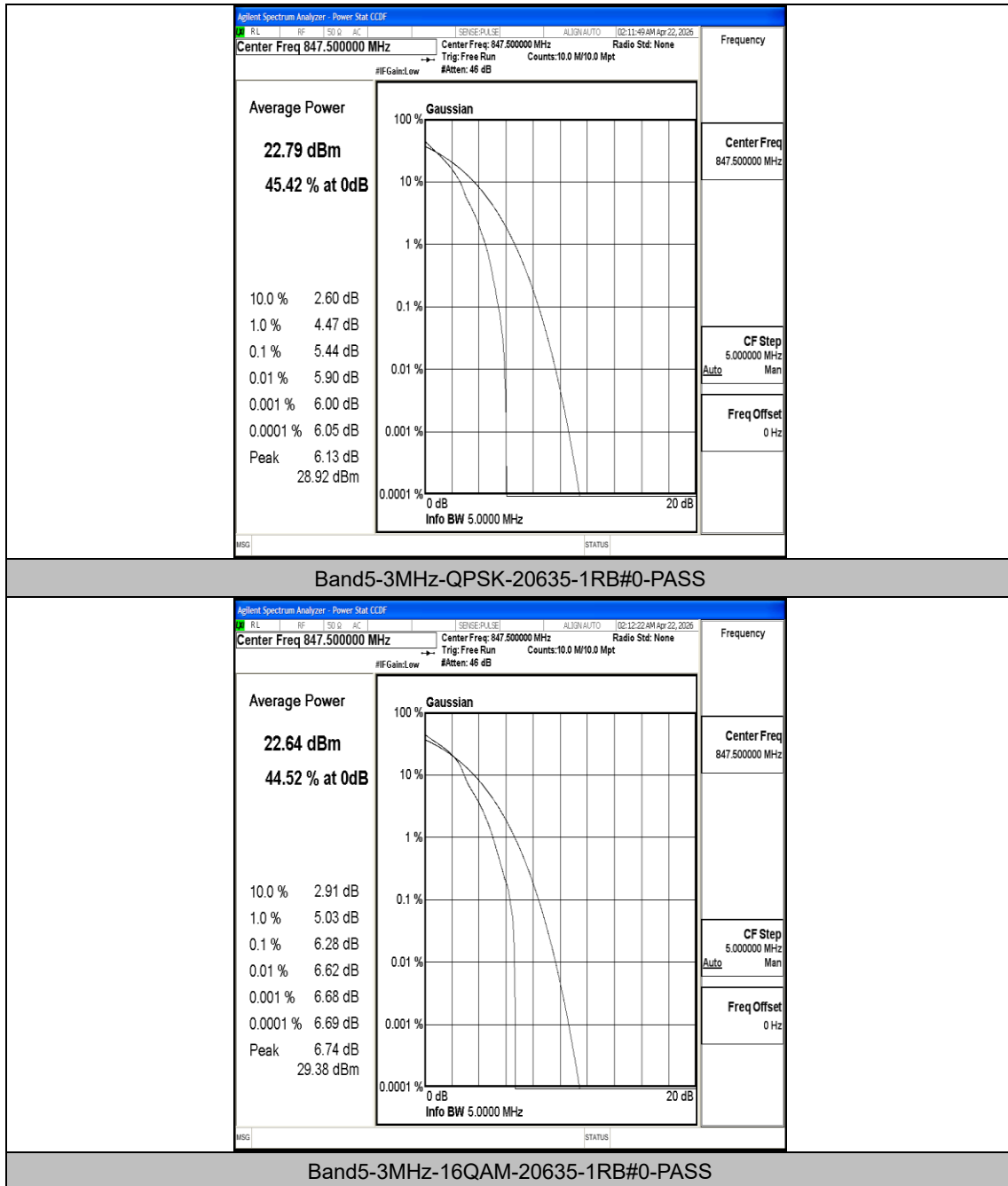


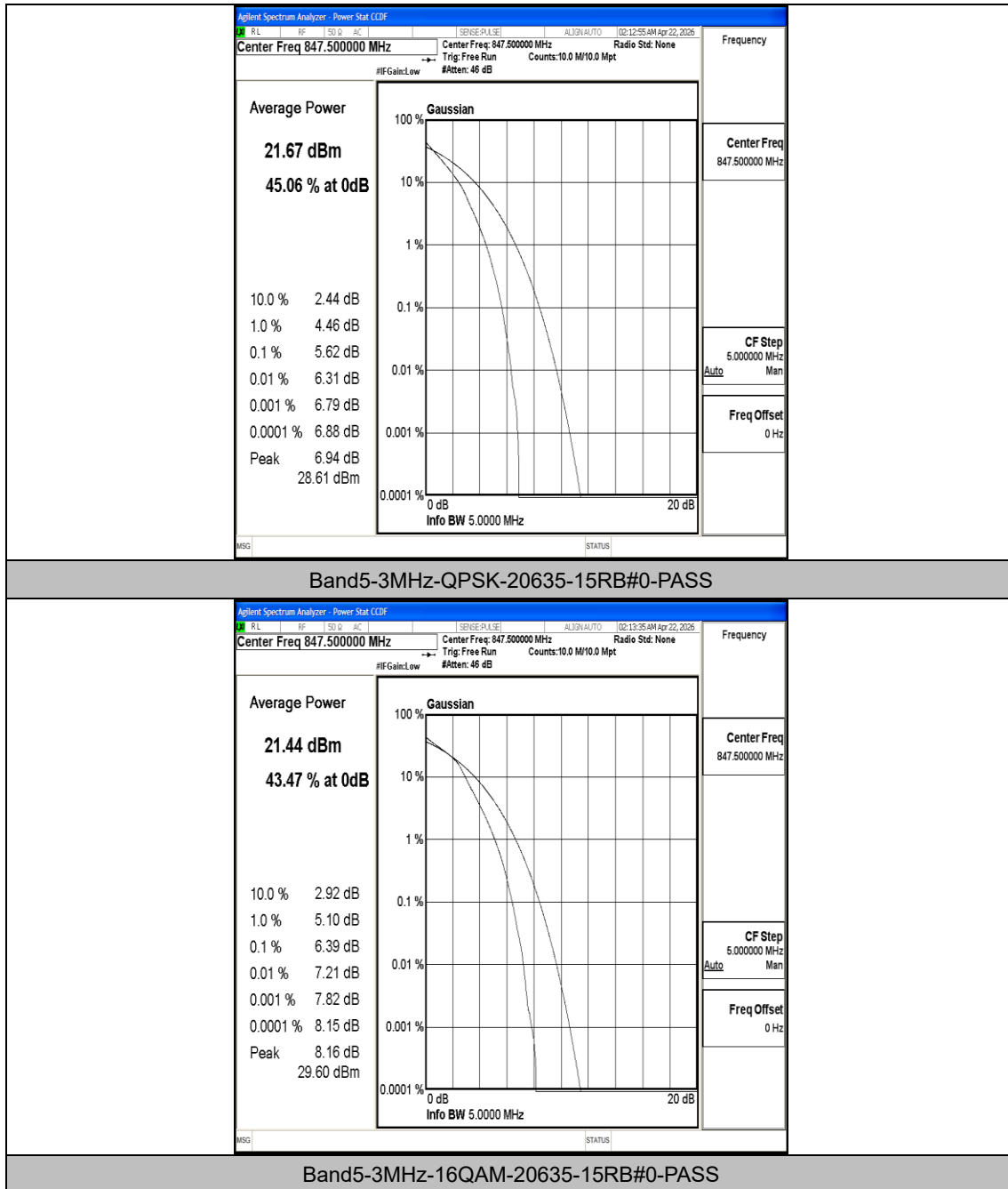


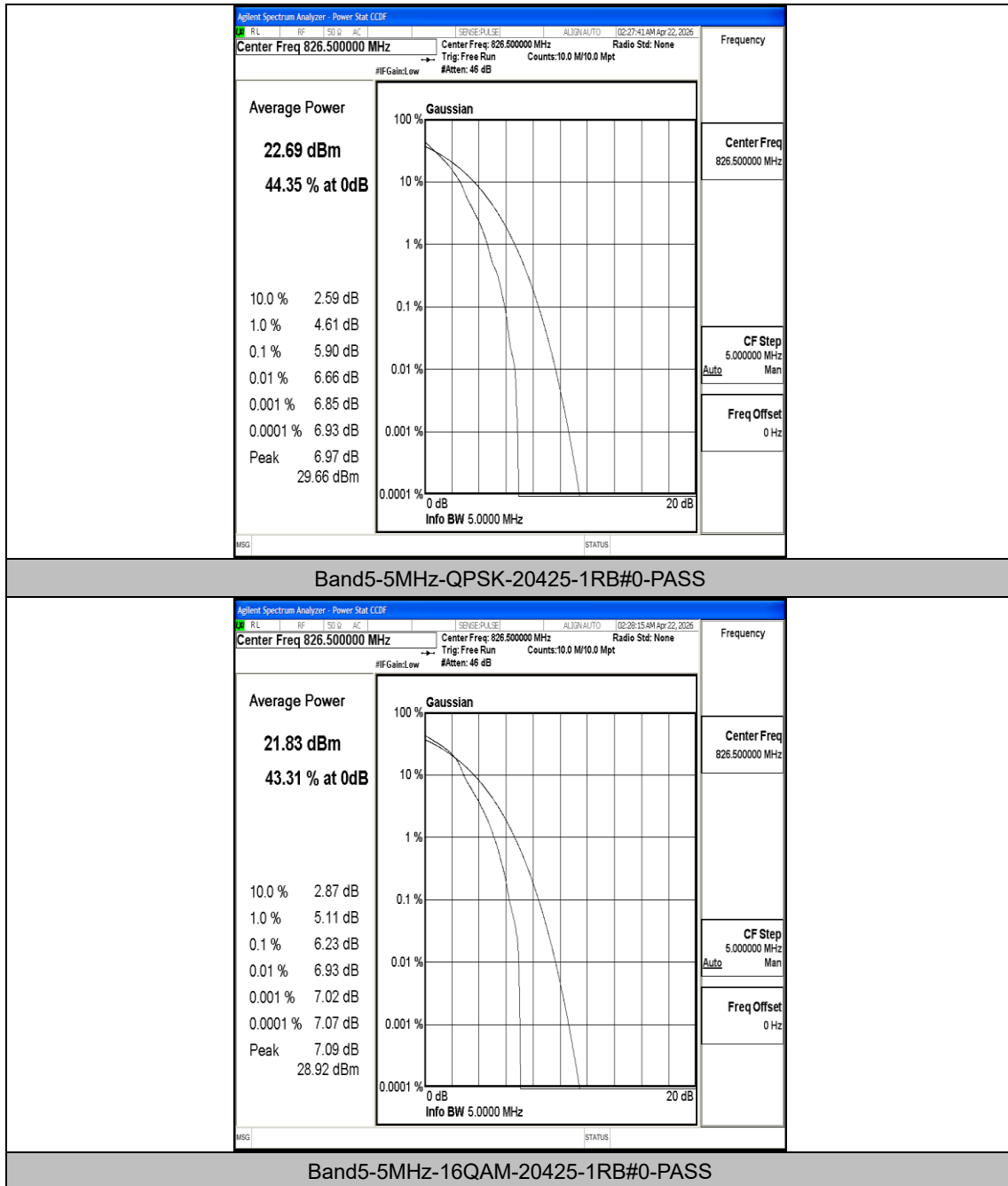


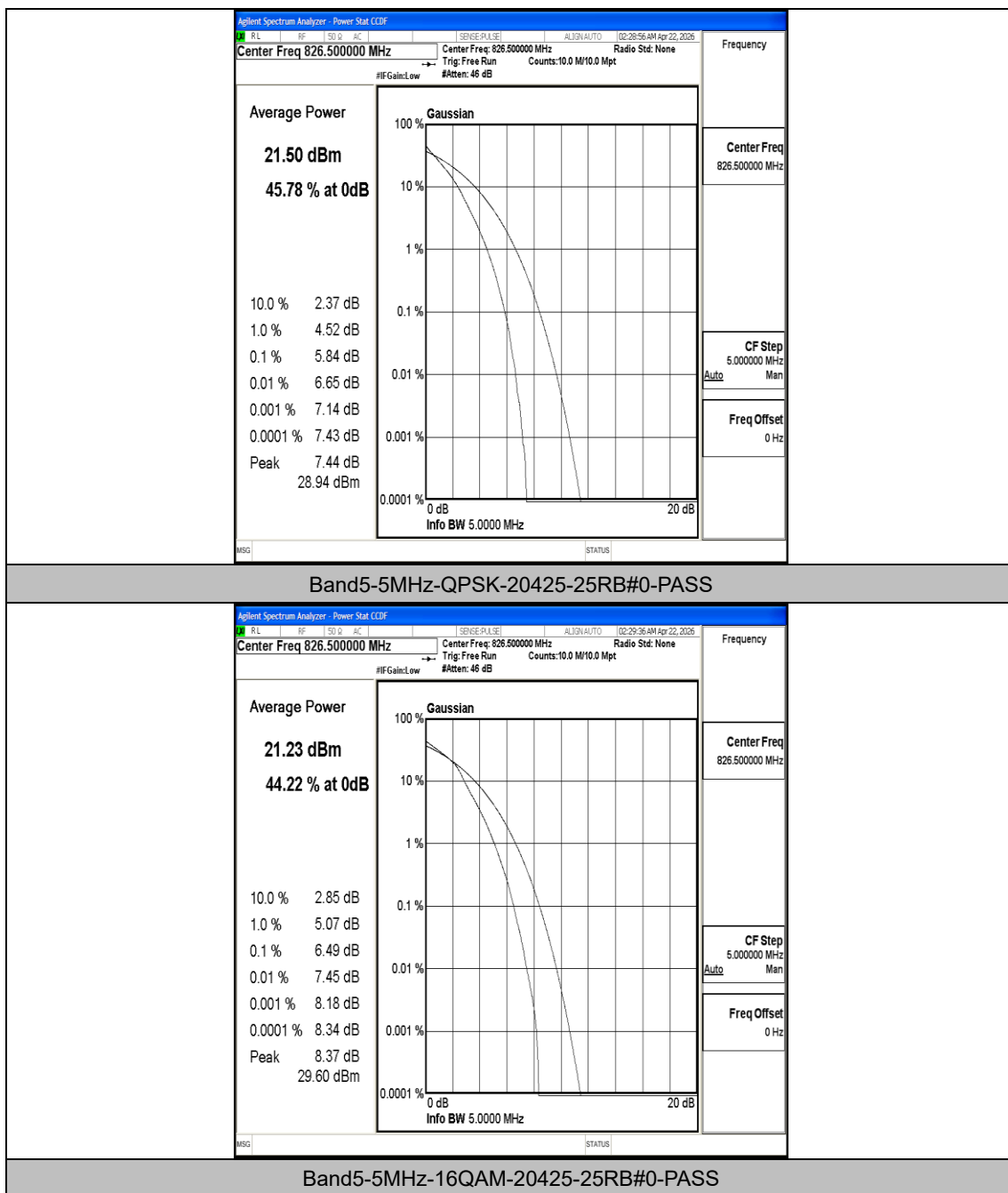


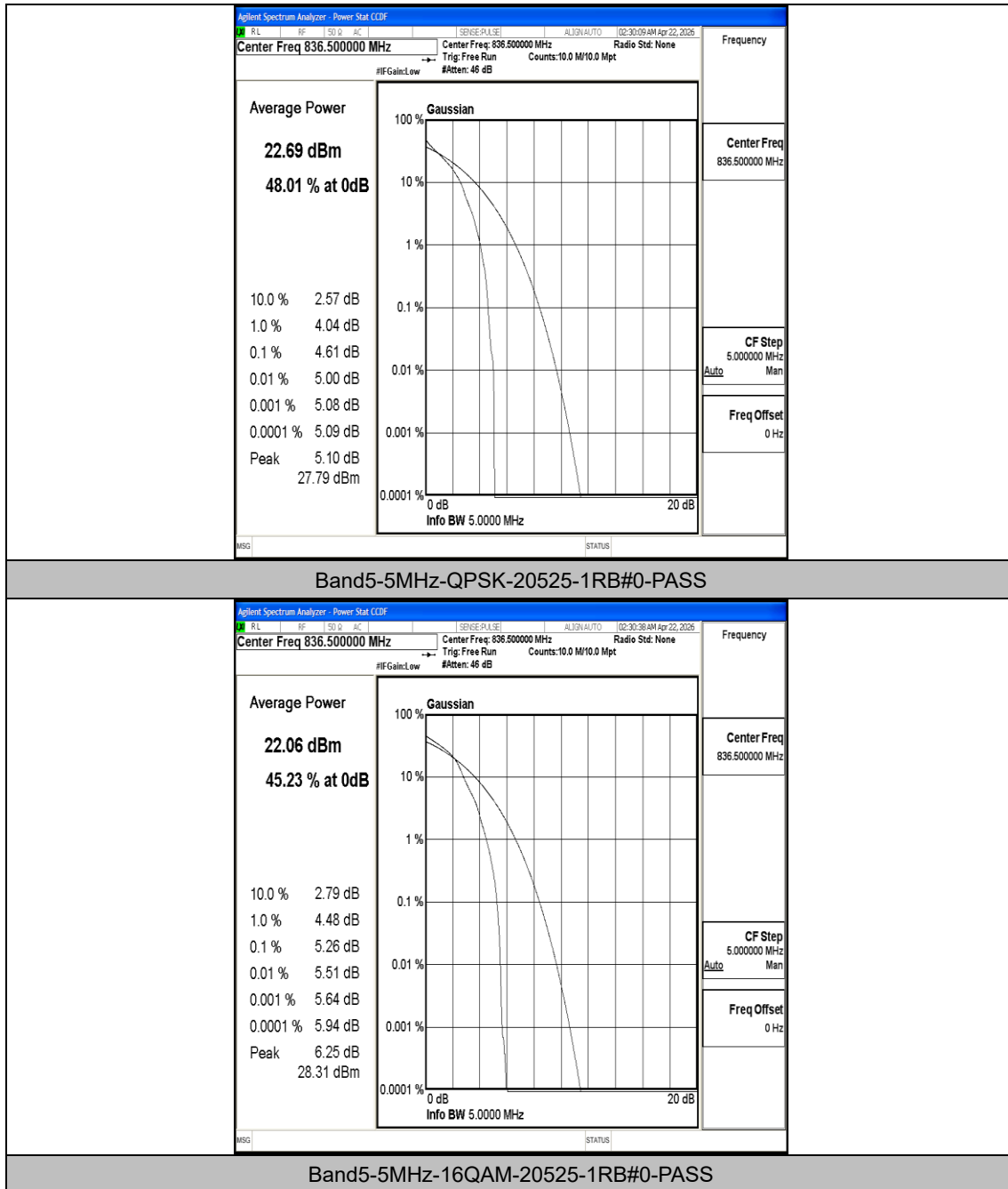


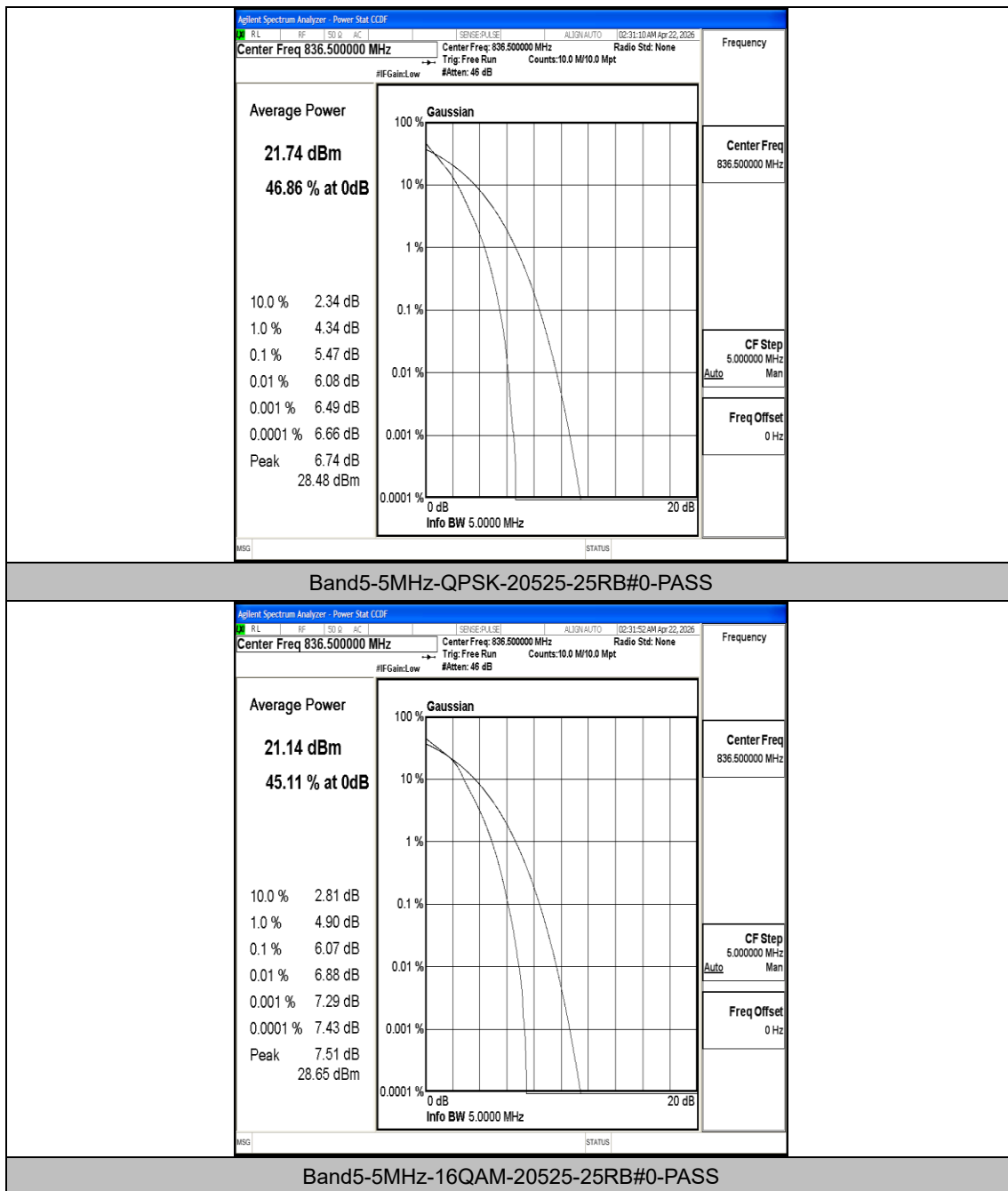


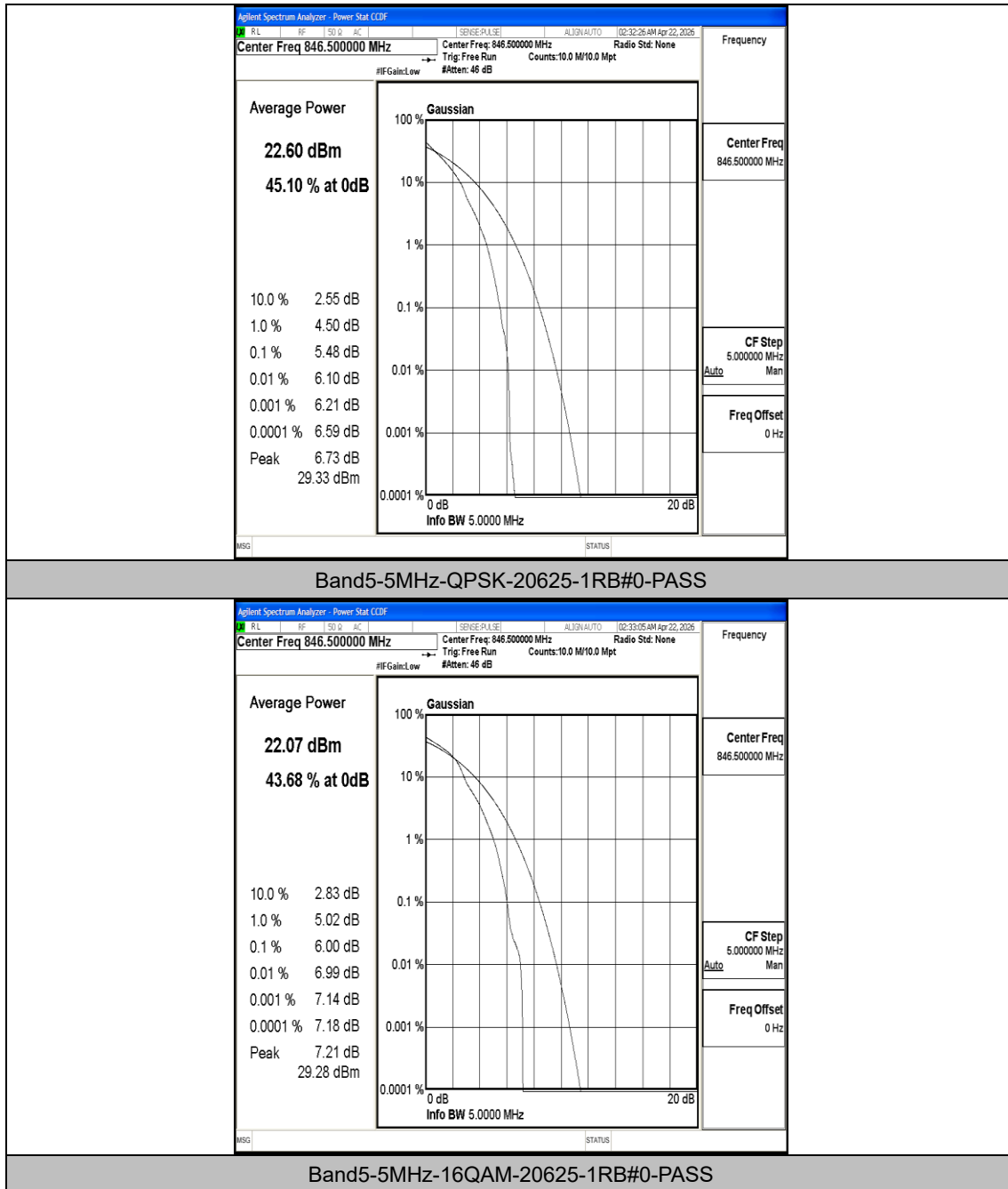


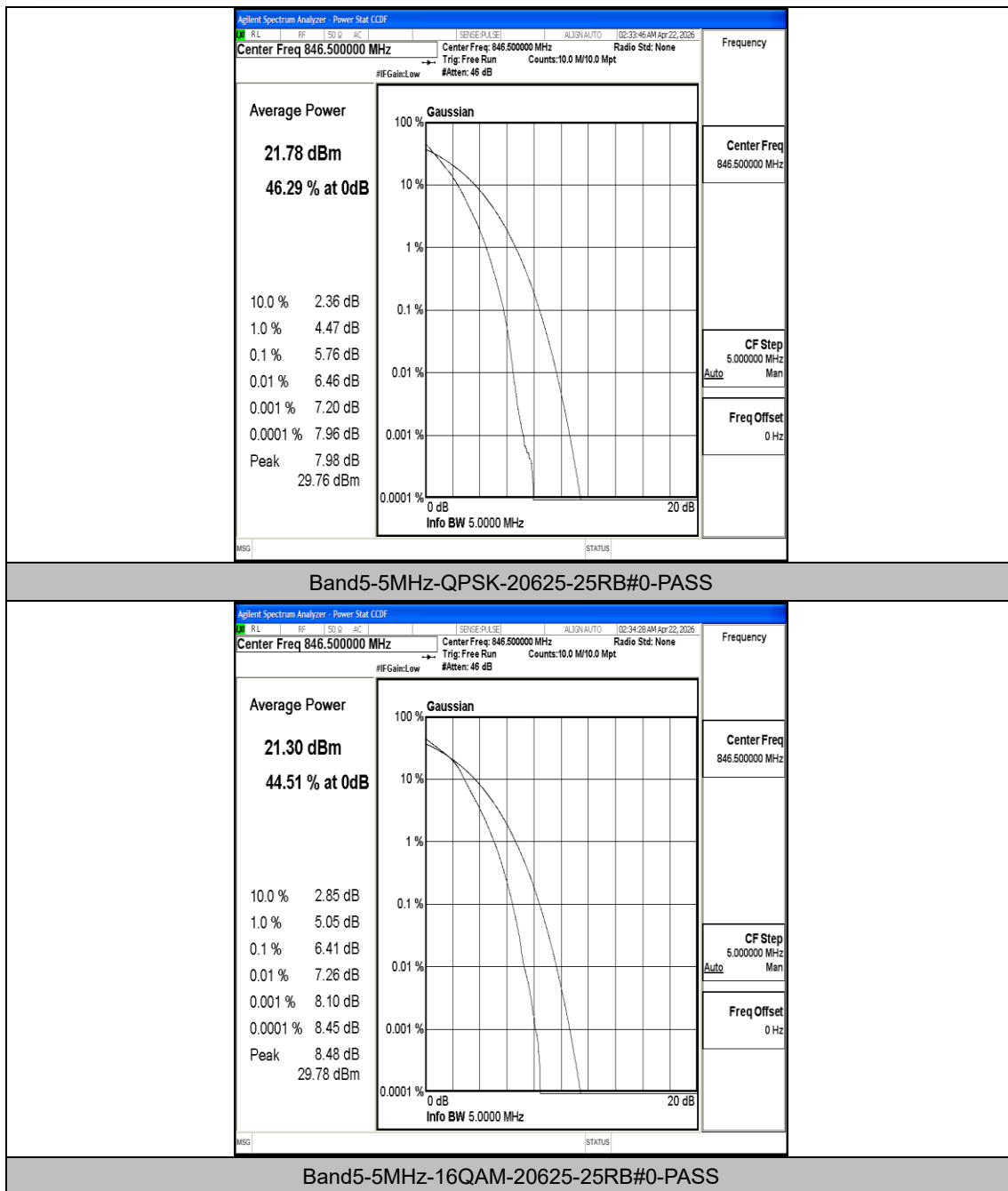


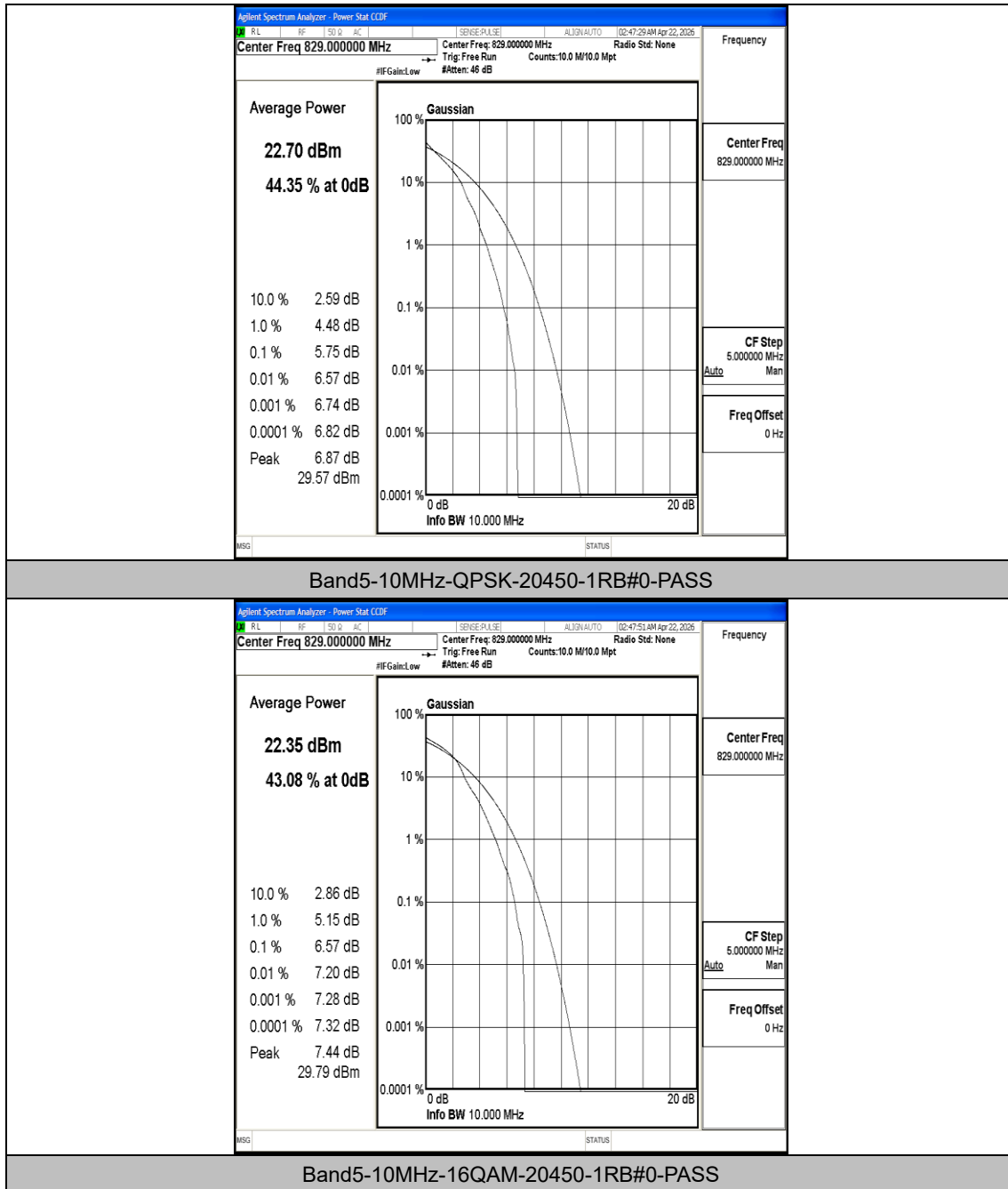


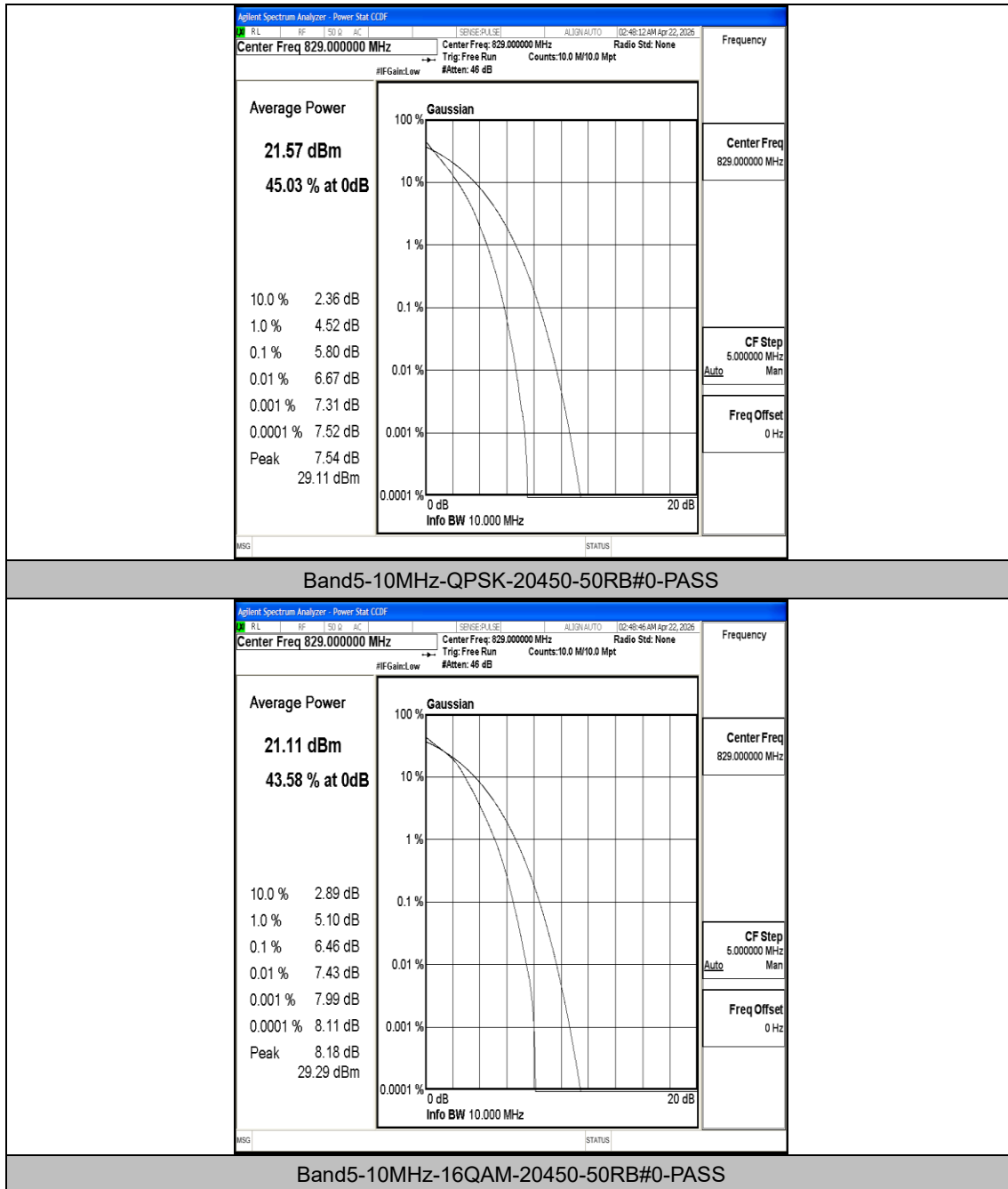


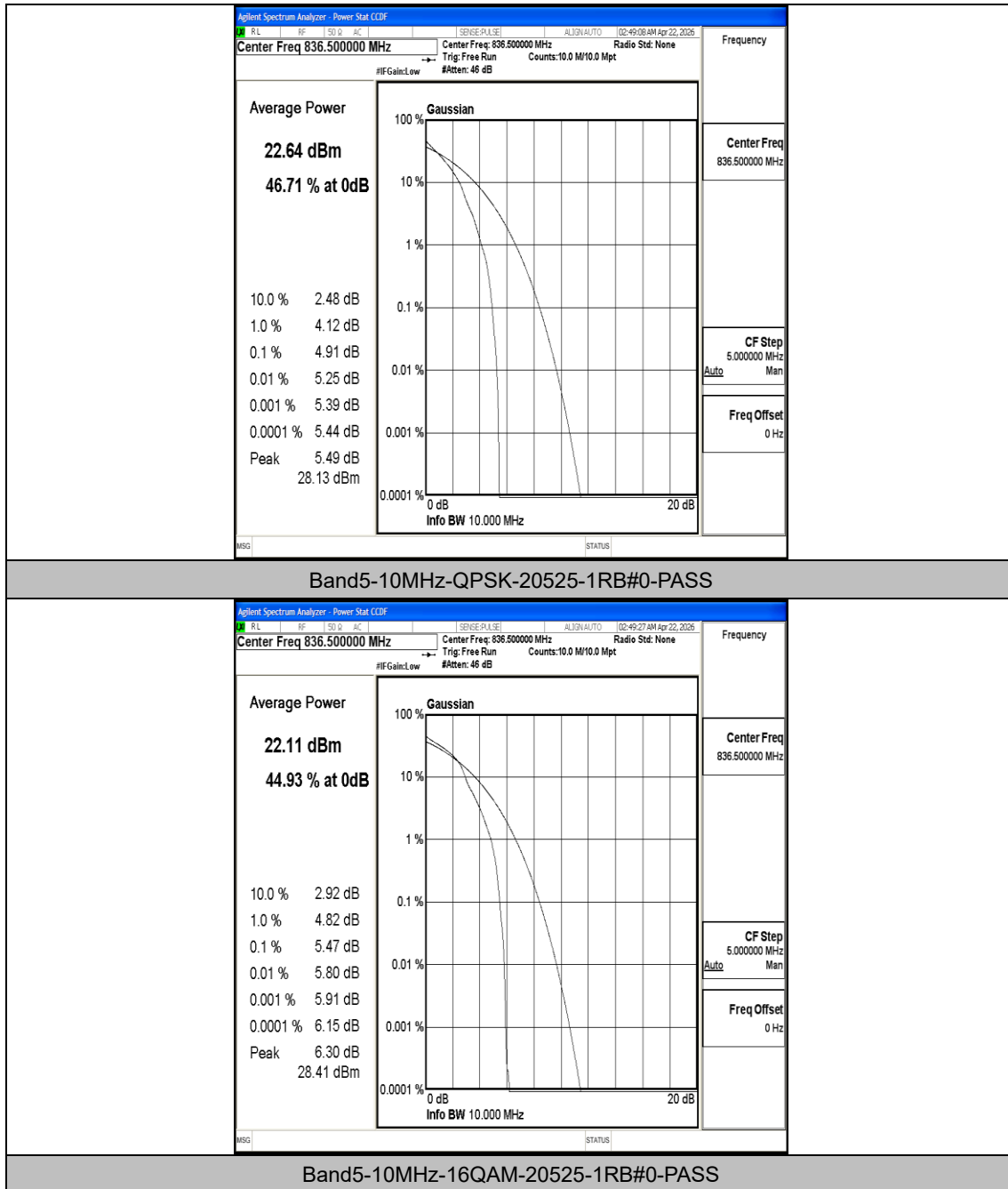


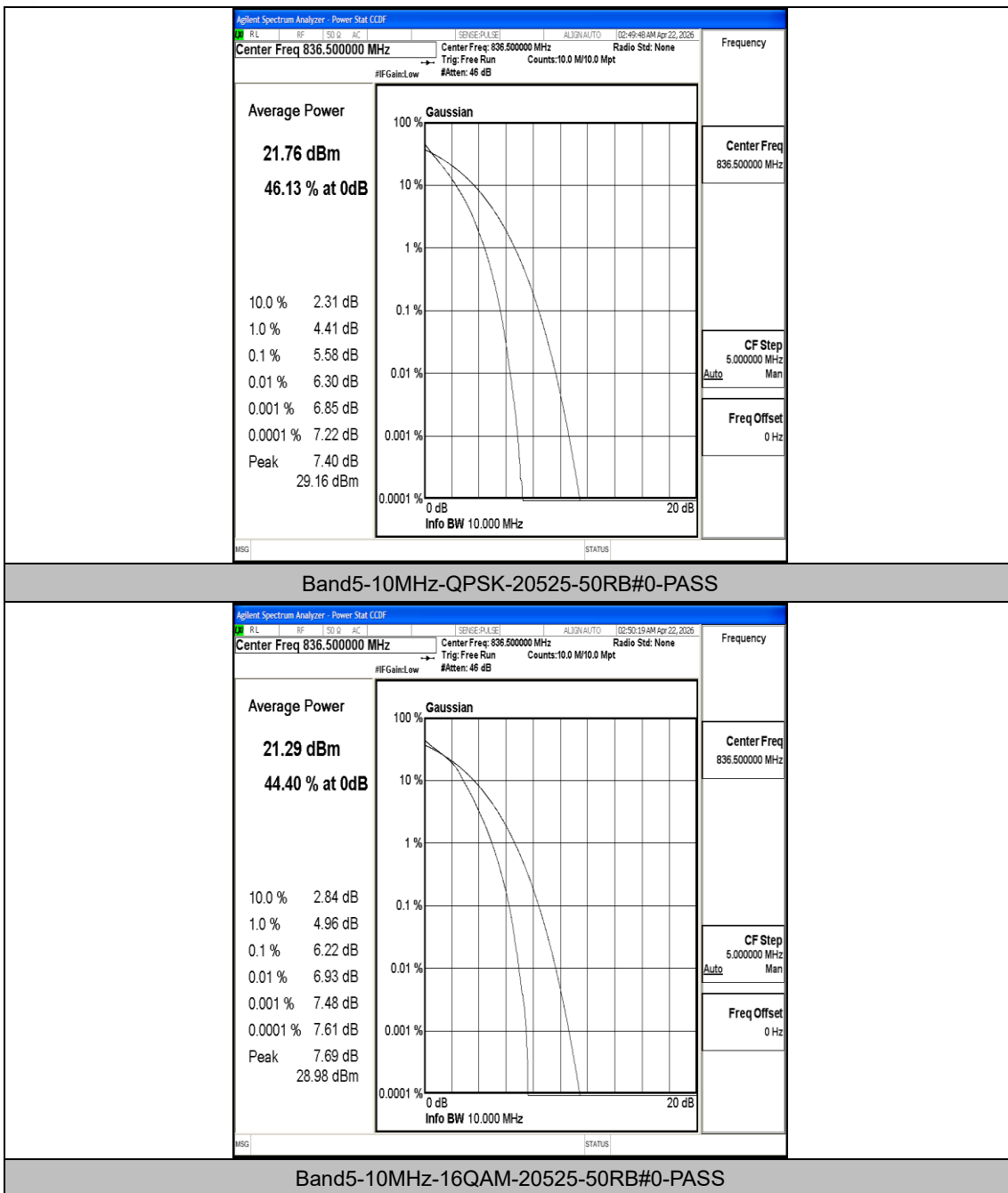


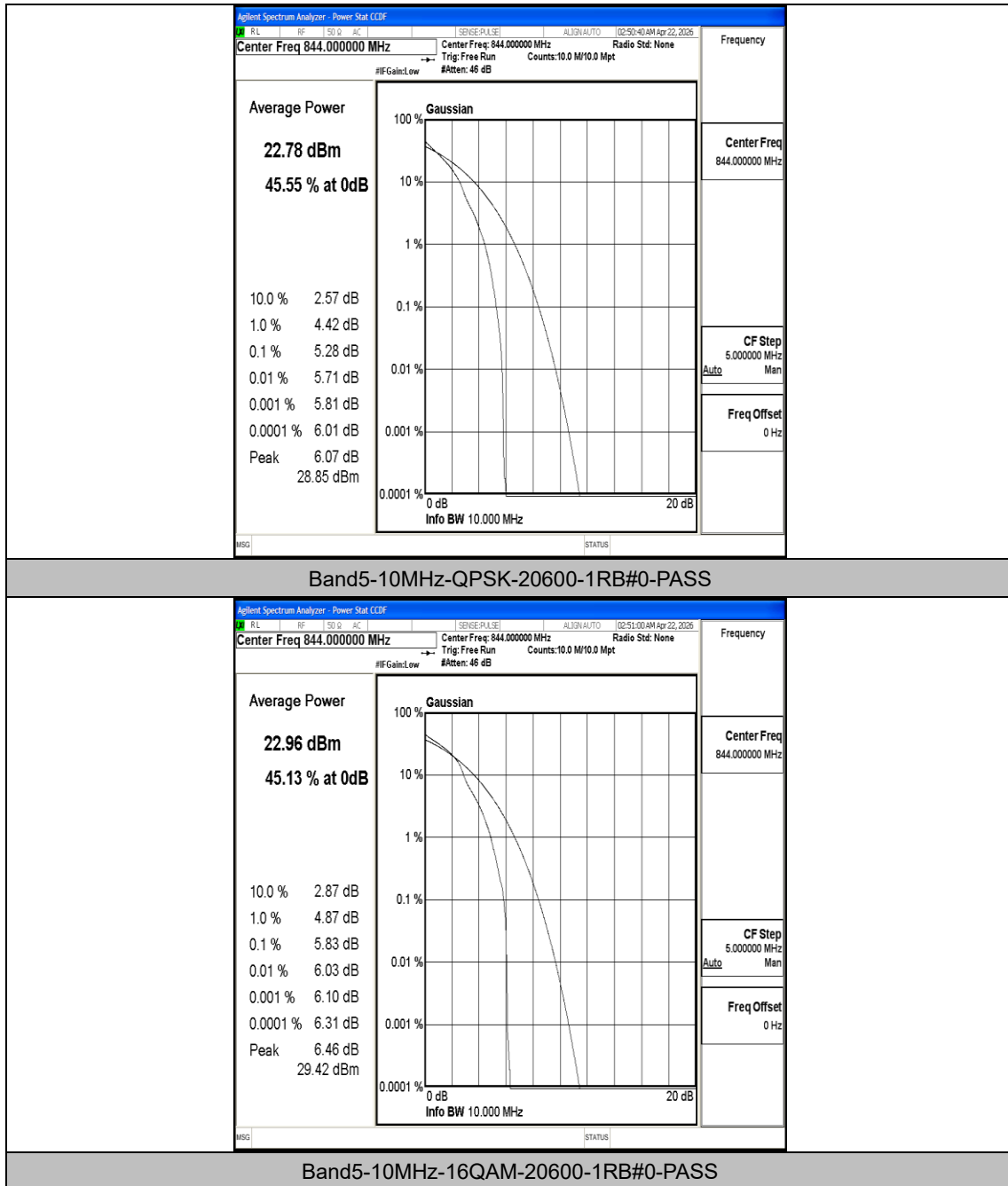


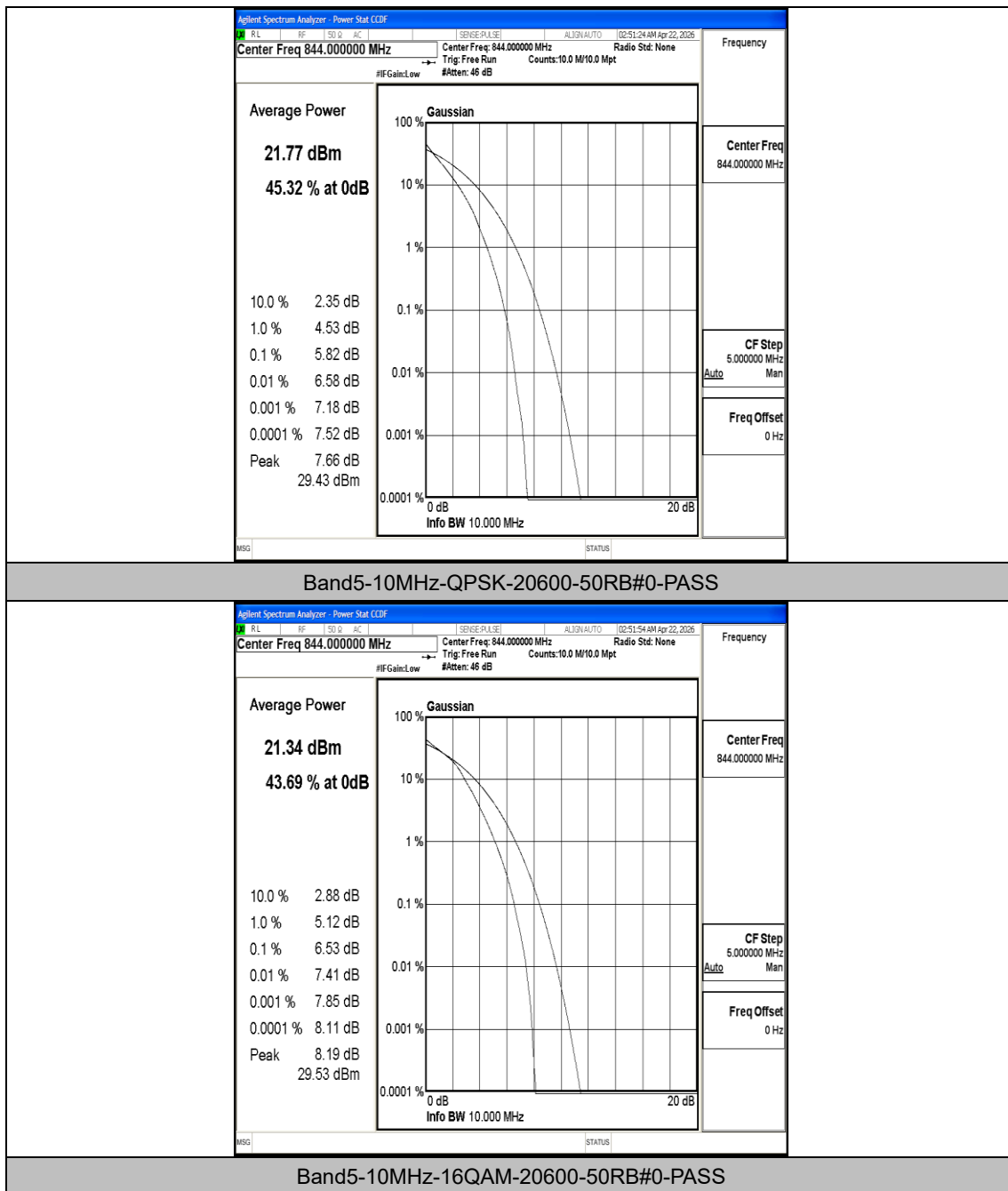










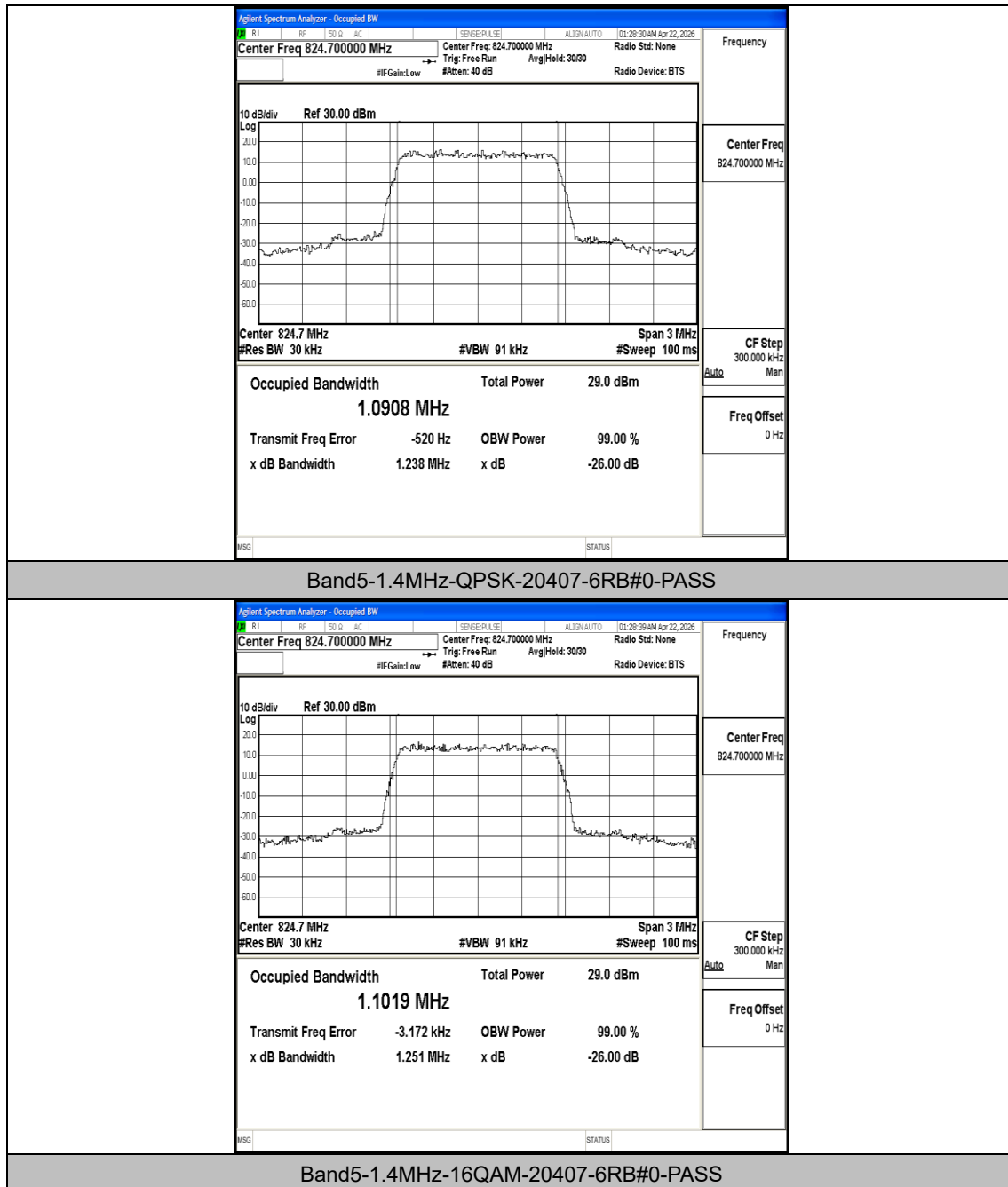


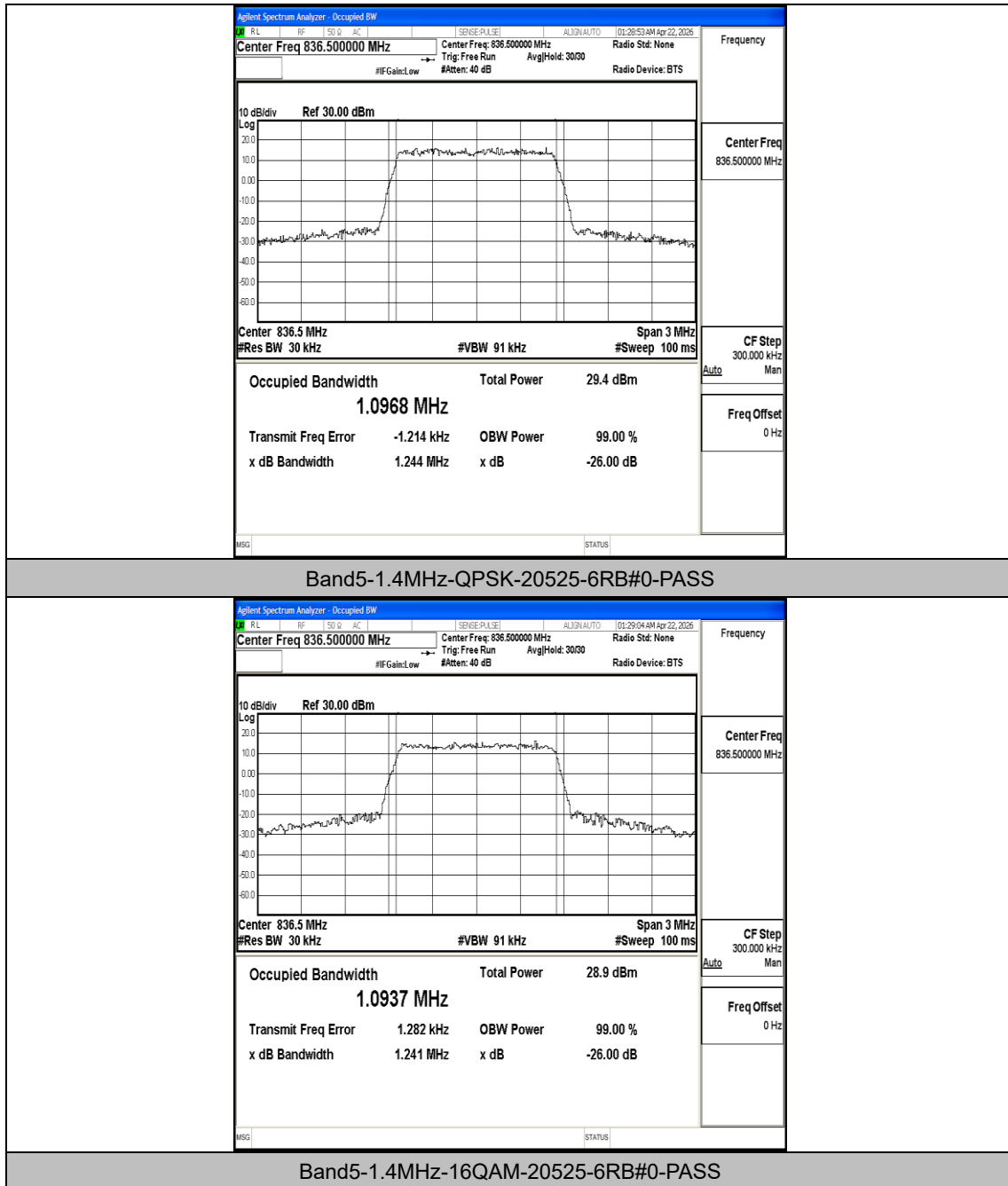
2 26dB Bandwidth and Occupied Bandwidth

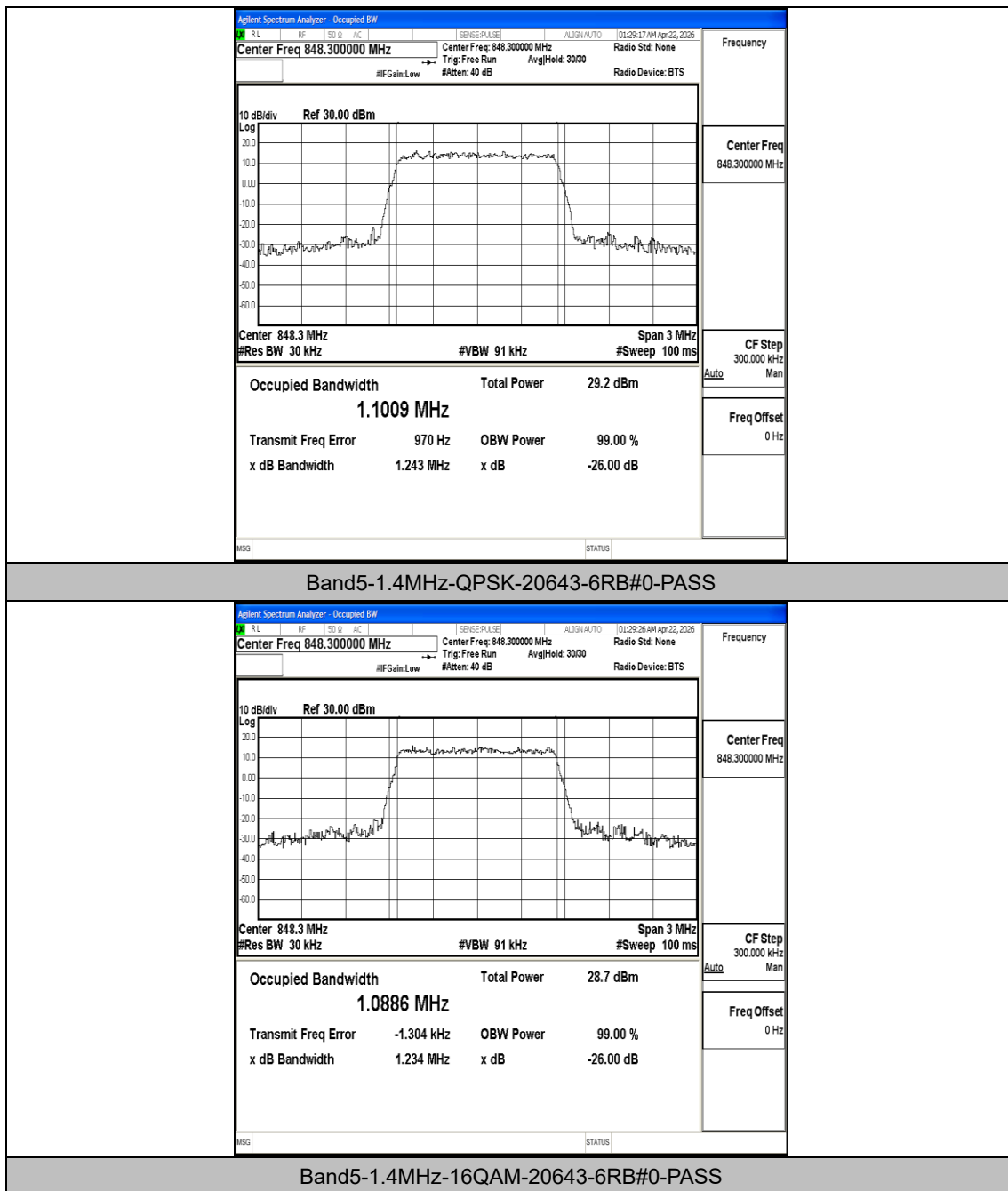
Test Result

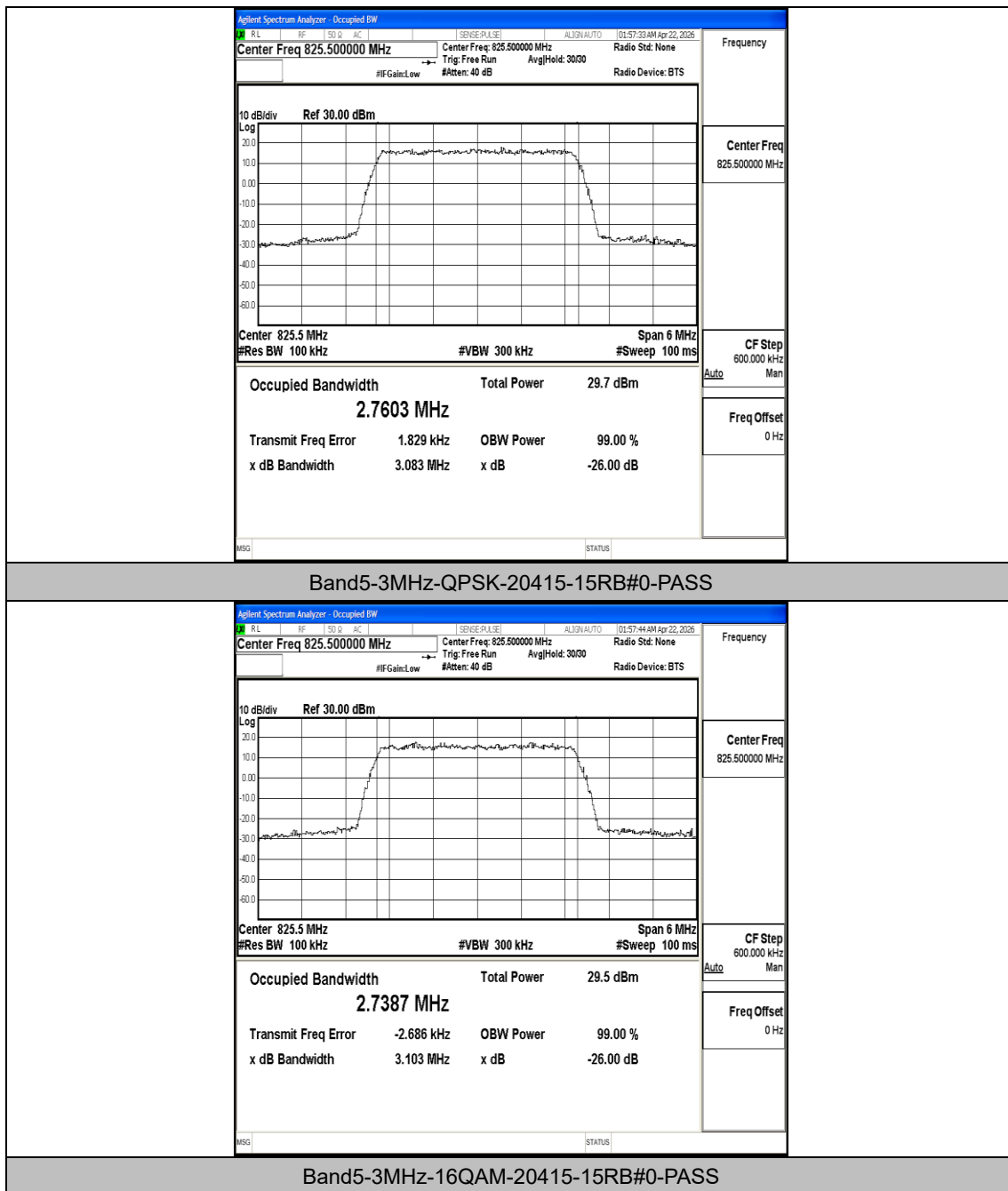
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0908	1.238	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1019	1.251	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0968	1.244	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0937	1.241	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1009	1.243	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0886	1.234	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7603	3.083	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7387	3.103	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7383	3.095	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7481	3.096	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7592	3.087	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7481	3.077	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5077	4.976	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5023	4.952	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4946	4.960	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5020	4.981	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5077	4.990	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5262	4.981	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9996	9.836	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9992	9.947	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9988	9.918	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9950	9.919	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9871	9.912	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0046	9.965	PASS

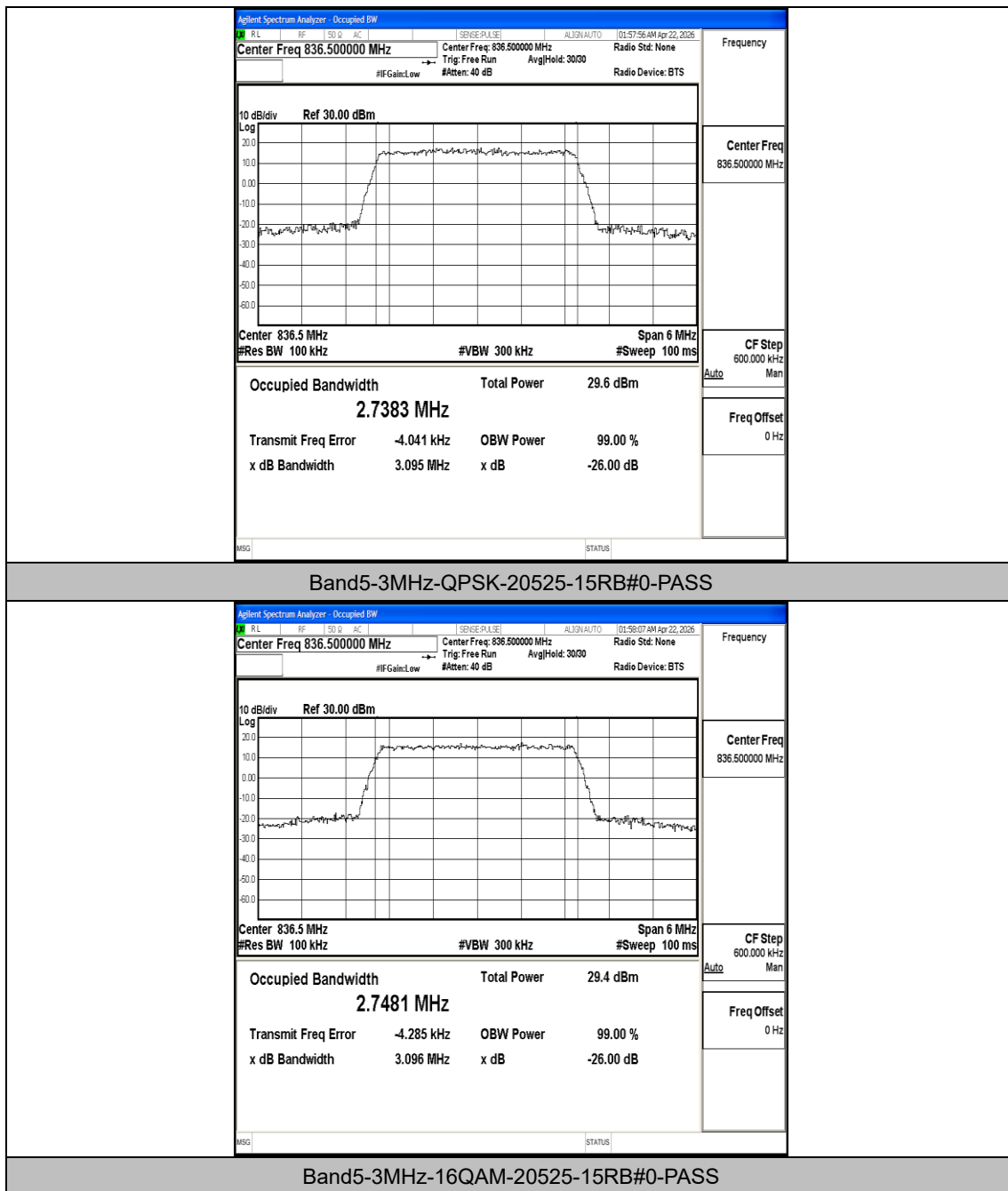
Test Graphs

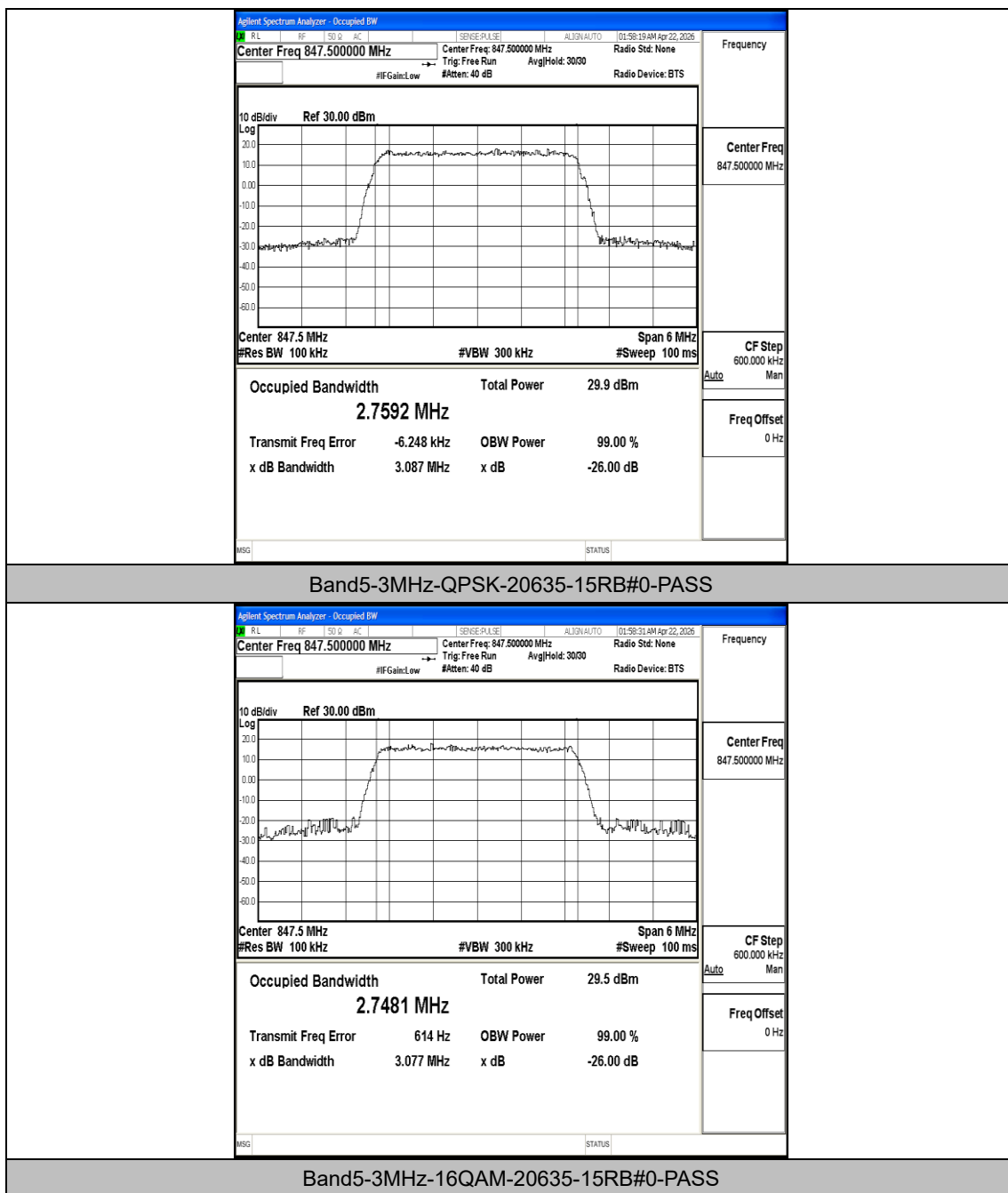


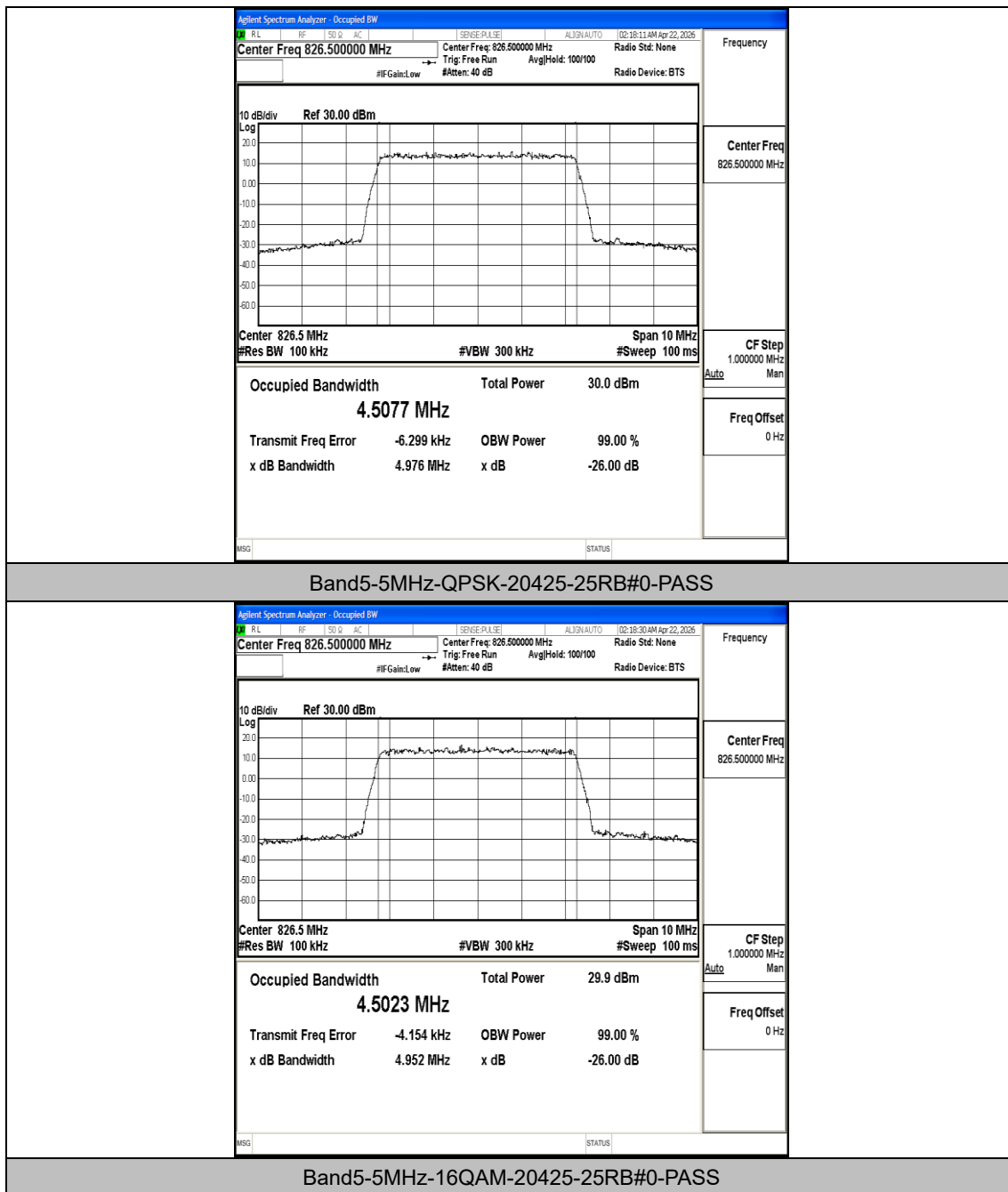


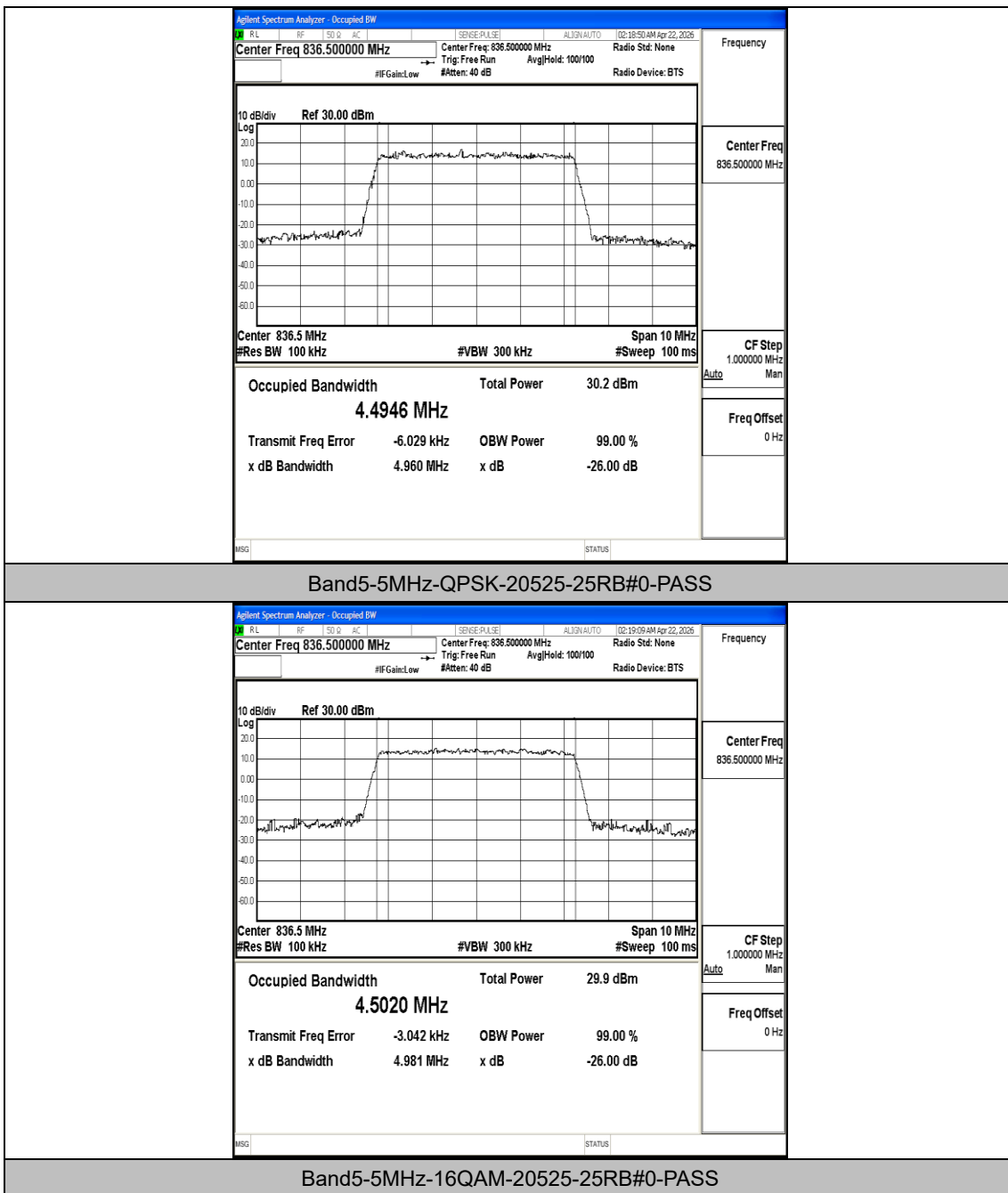


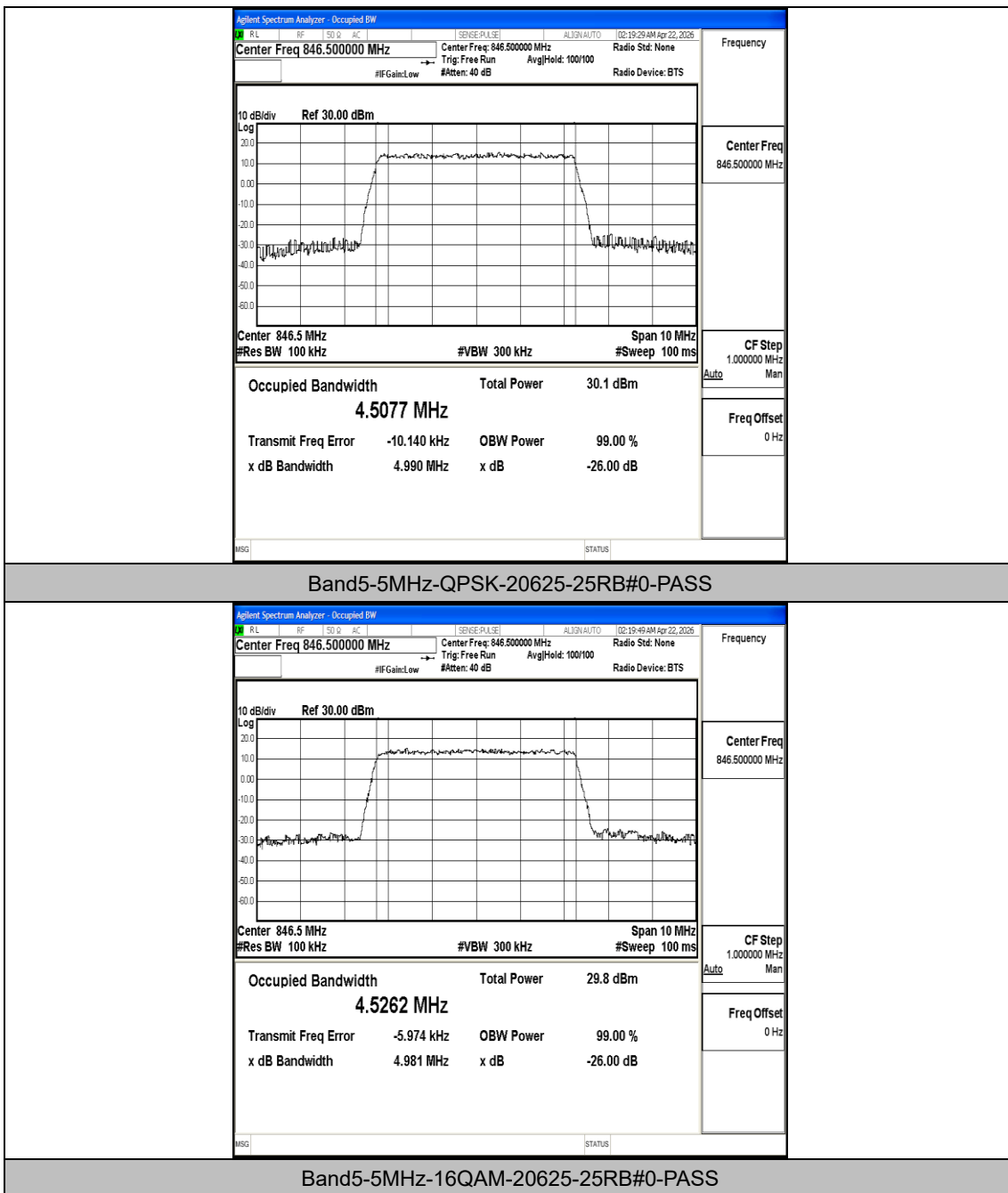


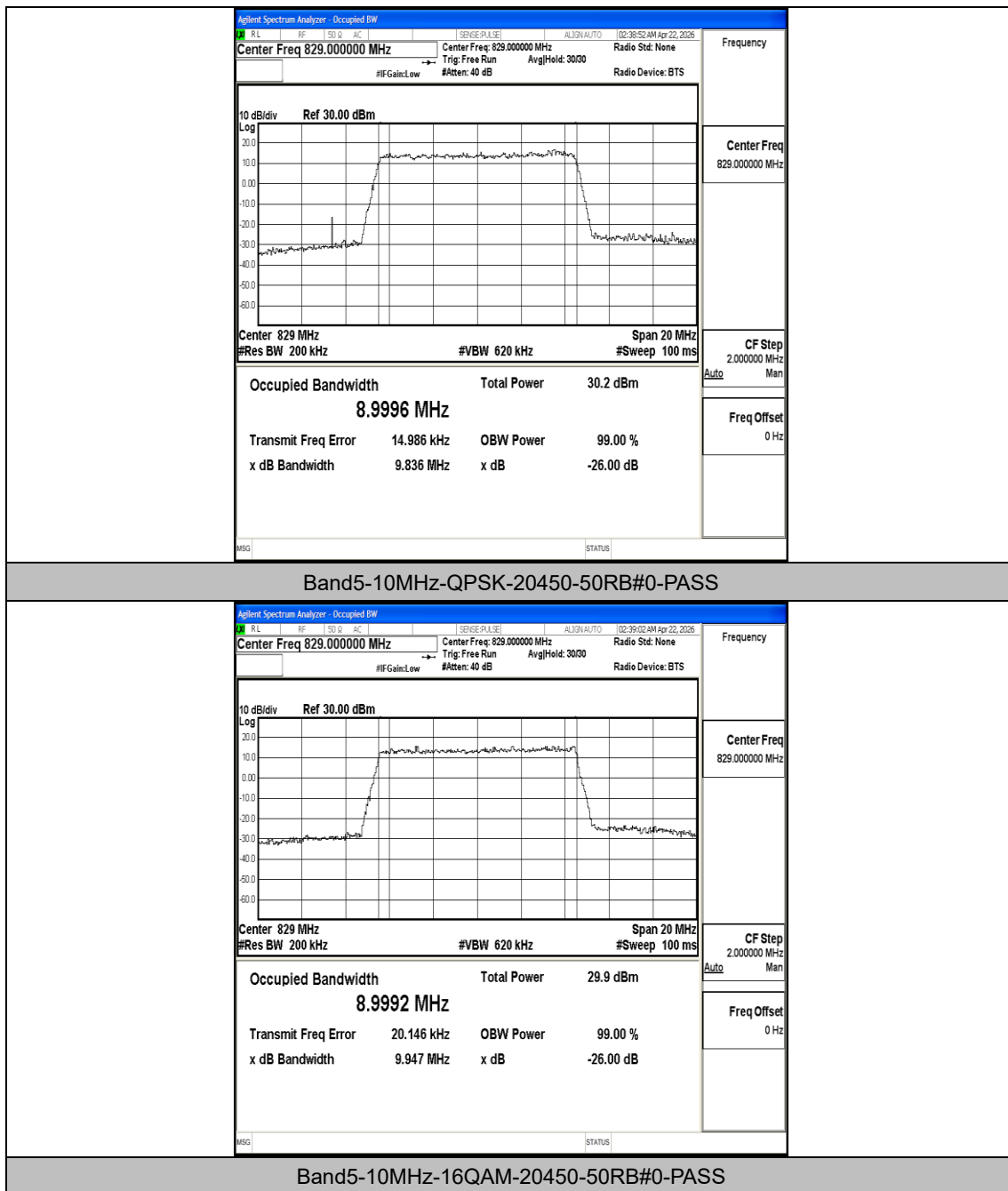


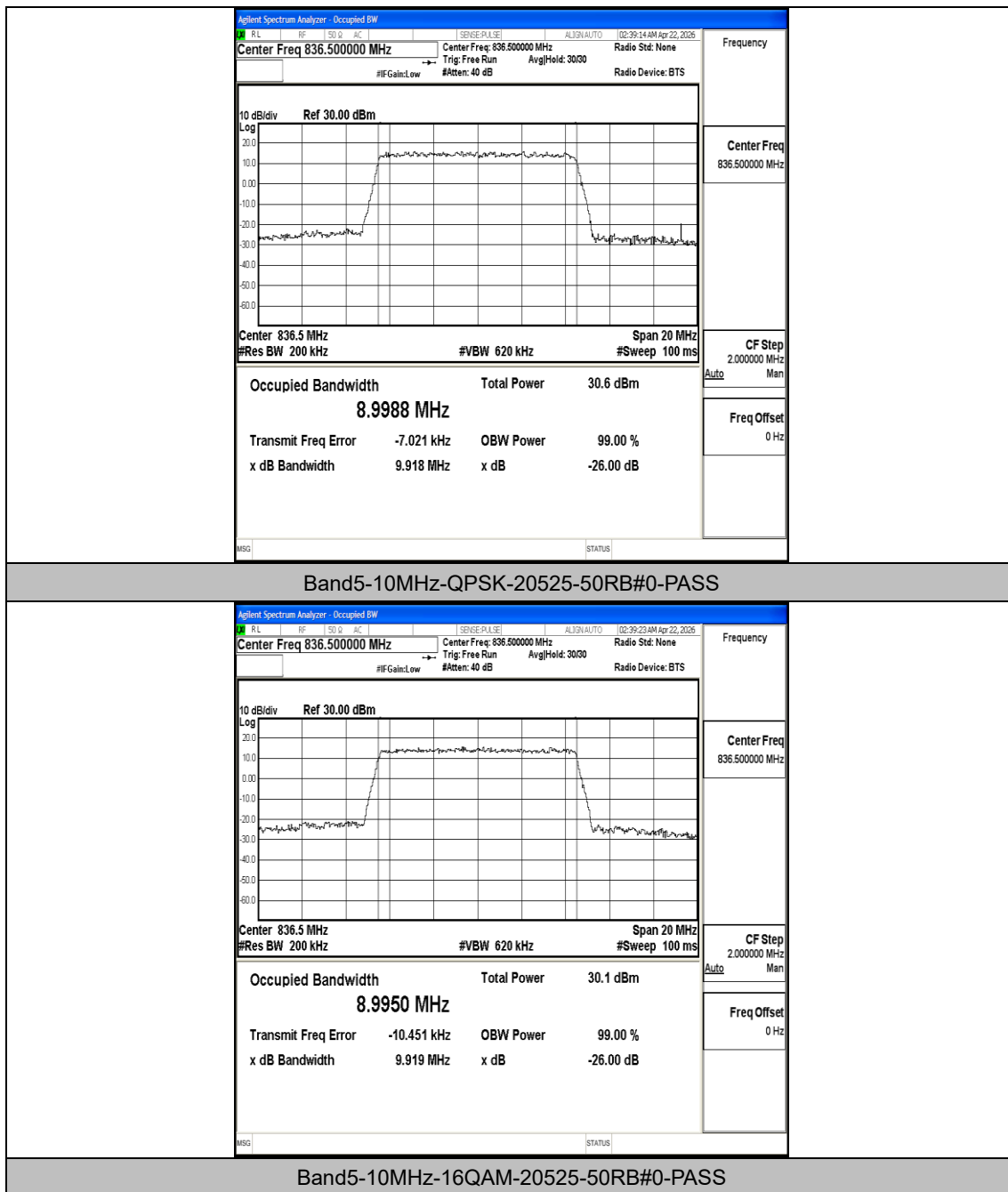


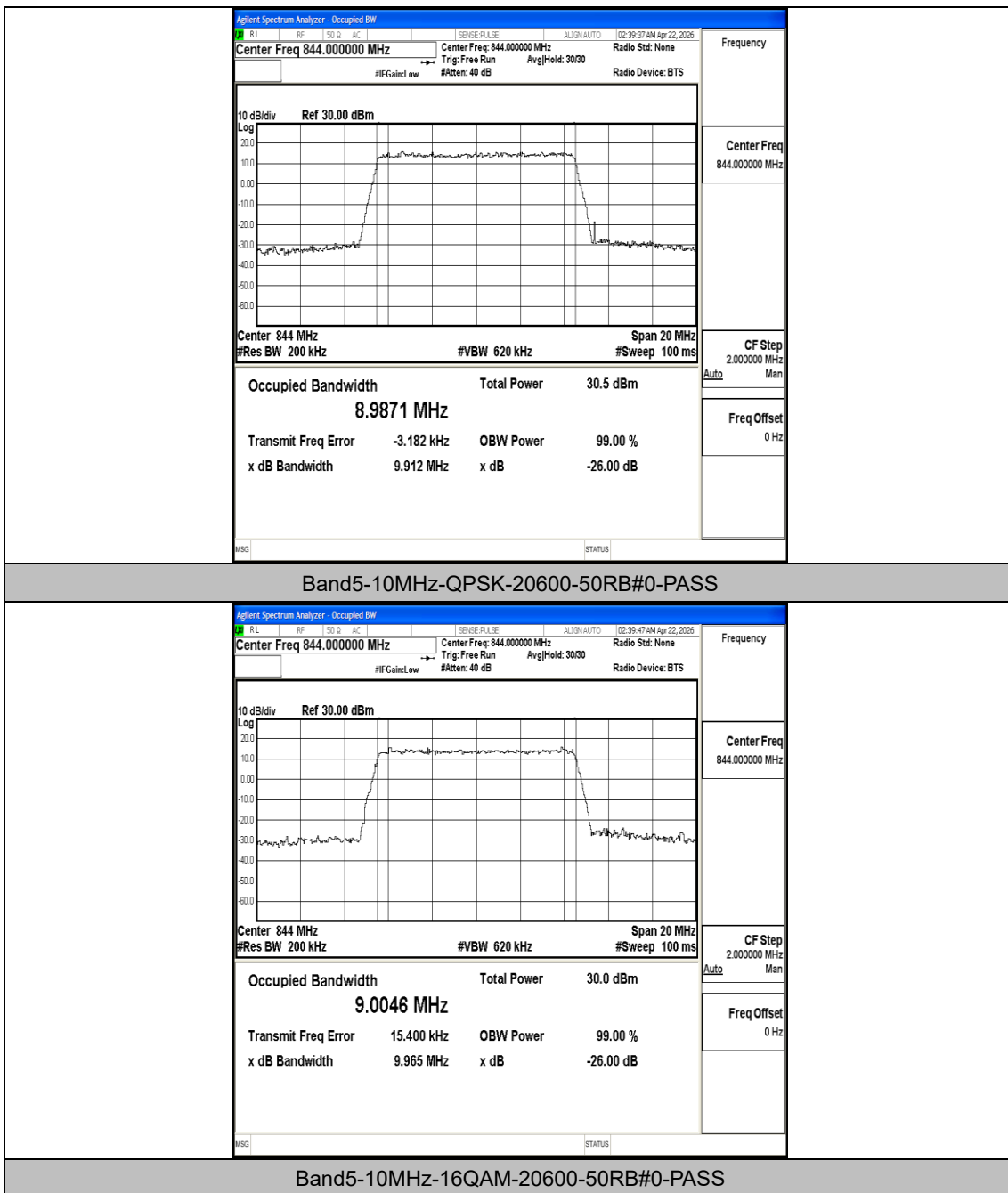










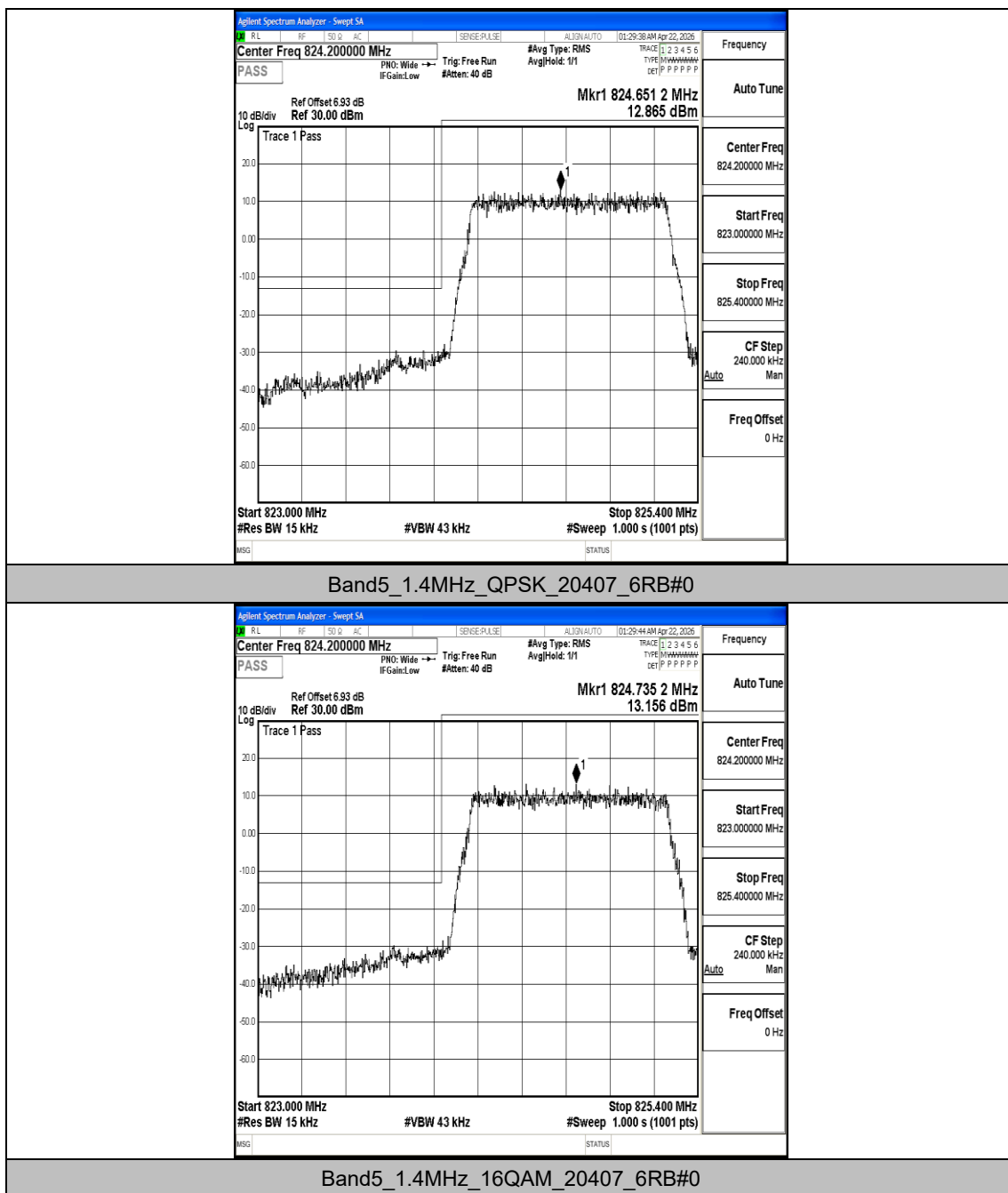


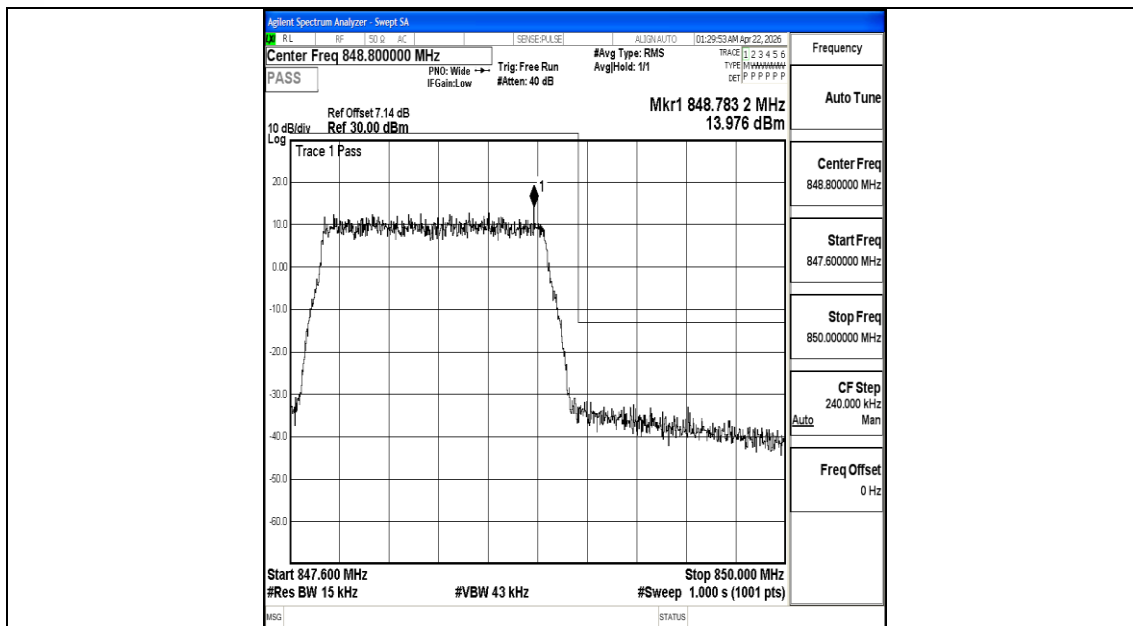
3 Band Edge

Test Result

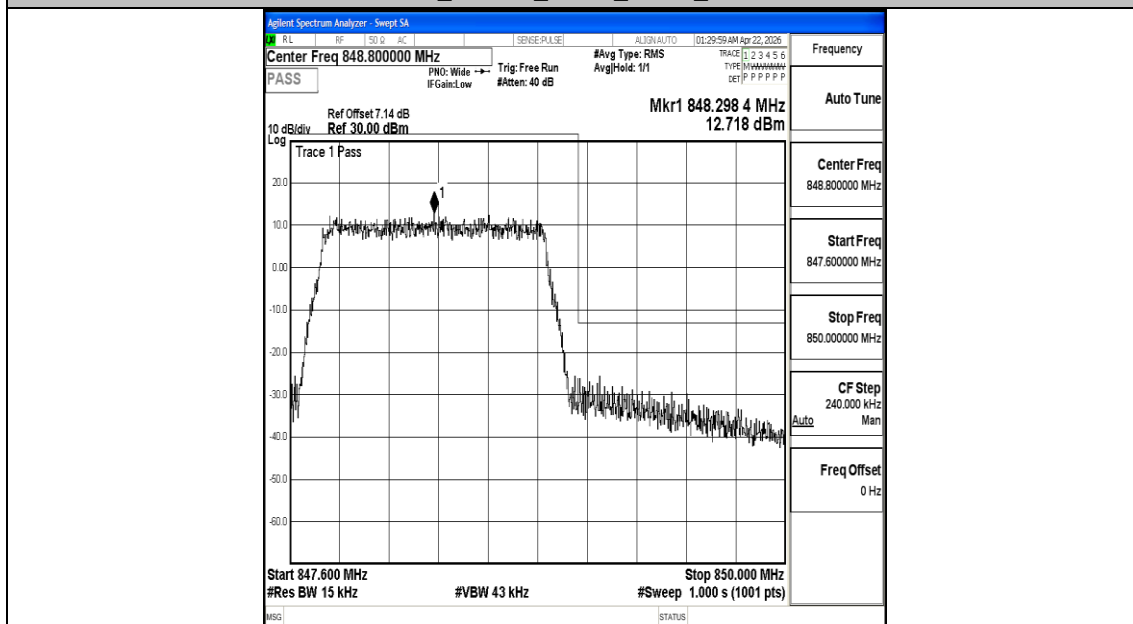
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.90	-29.50	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.74	-29.81	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.04	-31.75	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.10	-25.58	PASS
Band5	3MHz	QPSK	20415	15RB#0	823.99	-27.96	PASS
Band5	3MHz	16QAM	20415	15RB#0	823.99	-30.10	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-26.05	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.00	-28.89	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.98	-19.12	PASS
Band5	5MHz	16QAM	20425	25RB#0	824.00	-20.81	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.00	-19.24	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.00	-20.07	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.99	-19.72	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.99	-19.34	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.02	-20.73	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.03	-19.78	PASS

Test Graphs

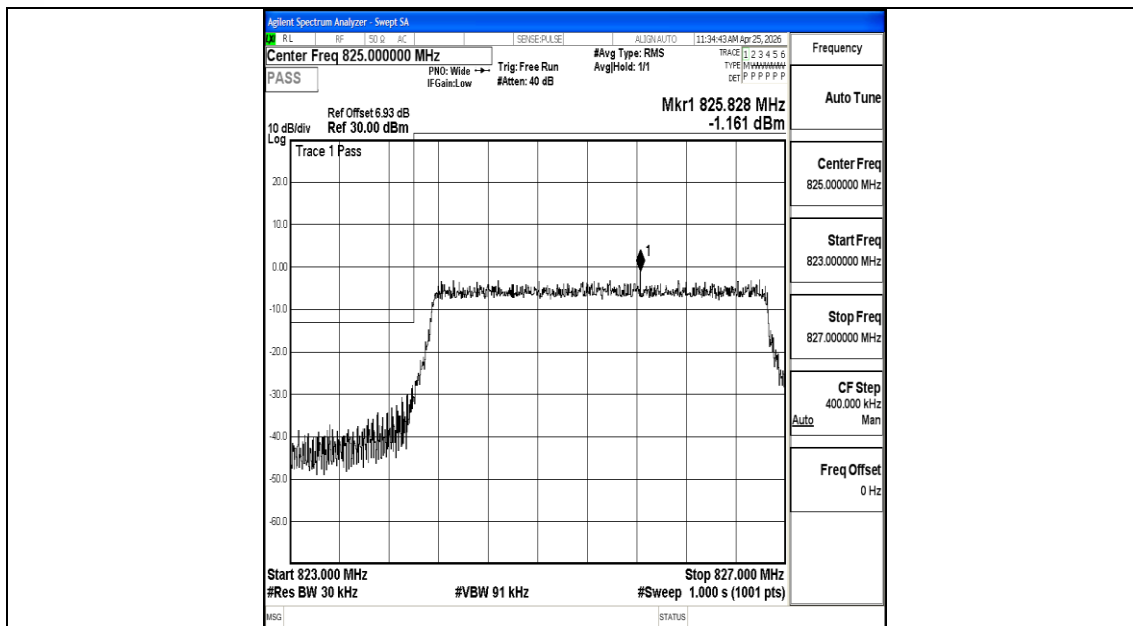




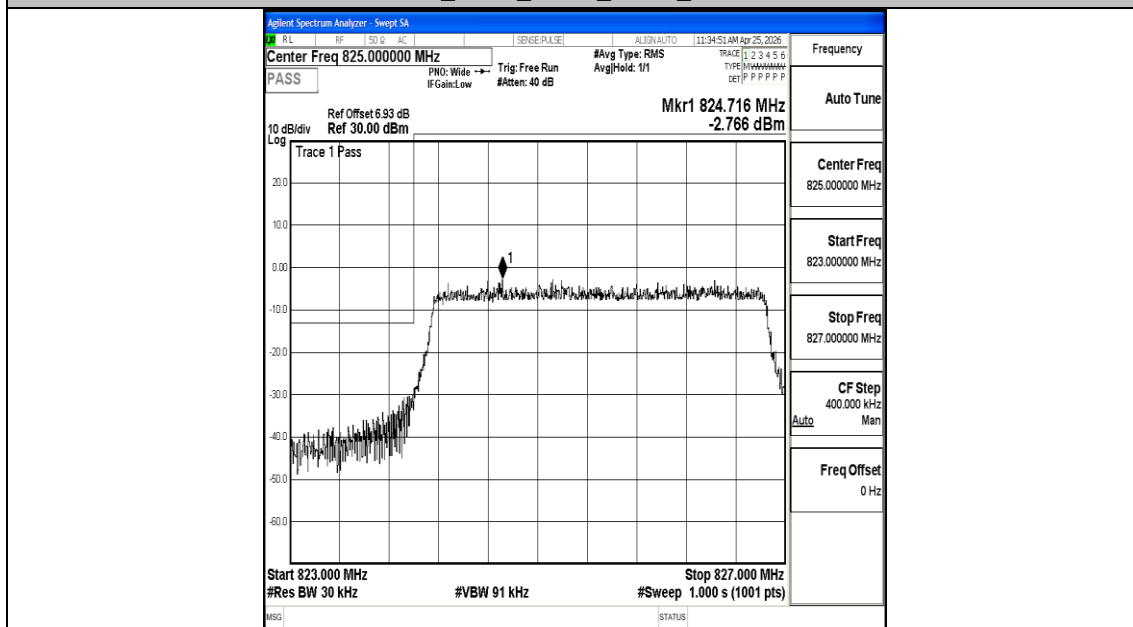
Band5_1.4MHz_QPSK_20643_6RB#0



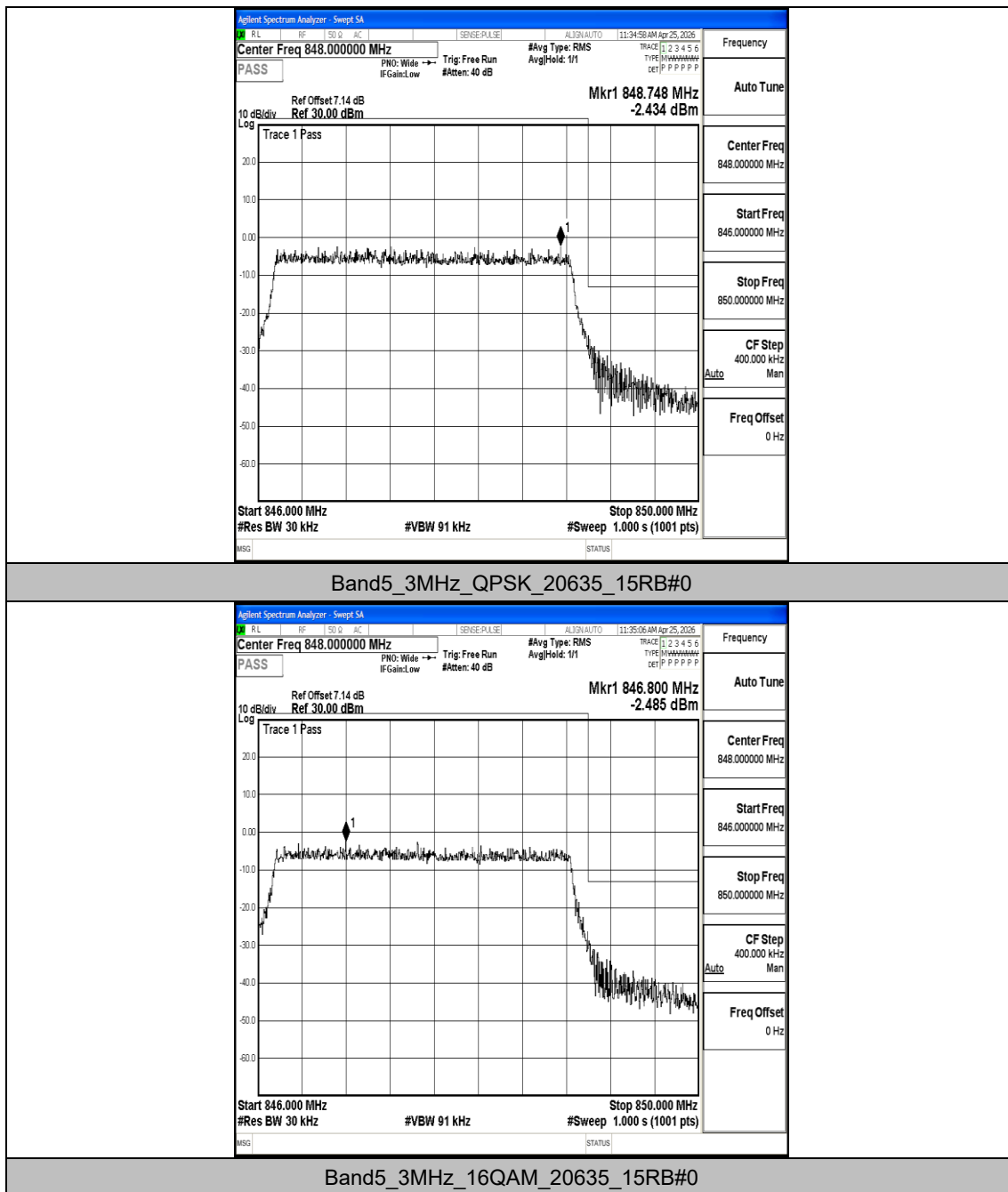
Band5_1.4MHz_16QAM_20643_6RB#0

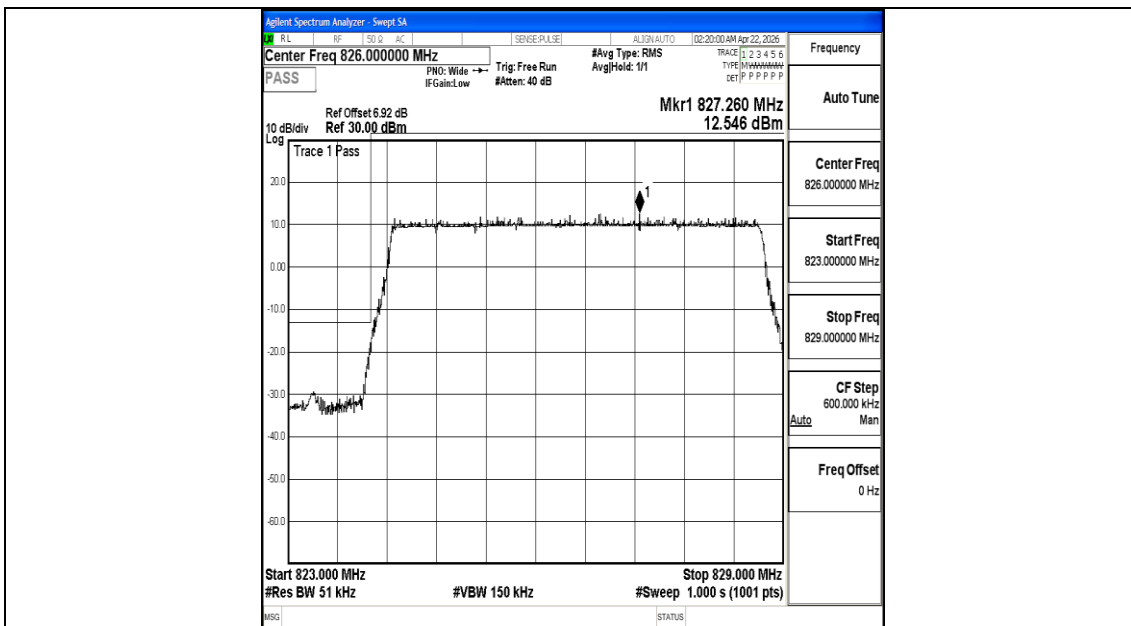


Band5_3MHz_QPSK_20415_15RB#0

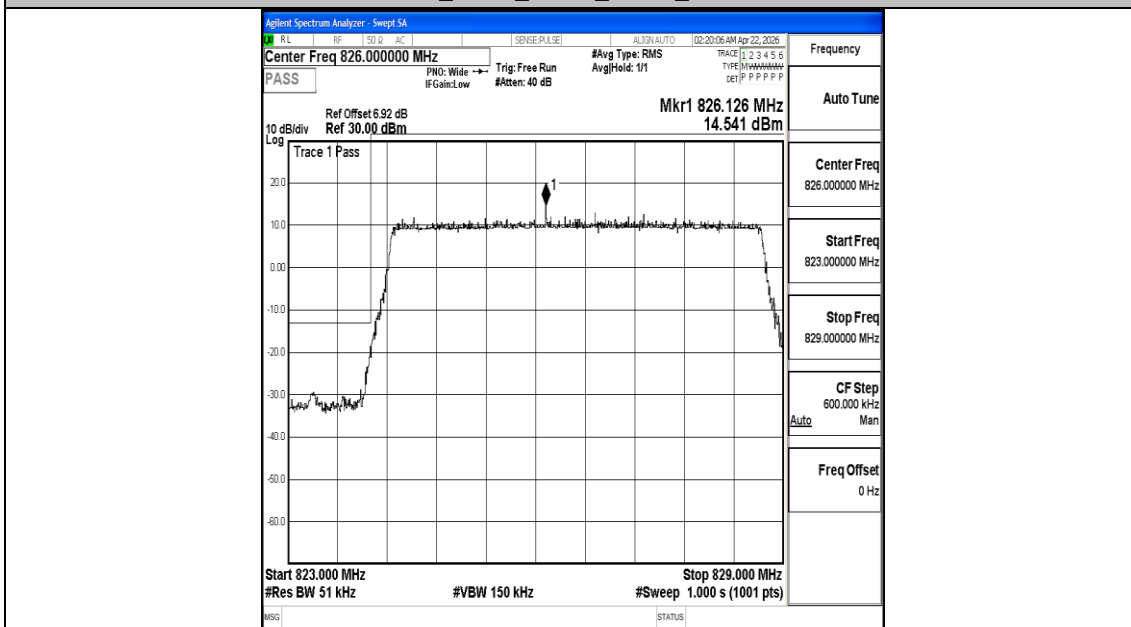


Band5_3MHz_16QAM_20415_15RB#0

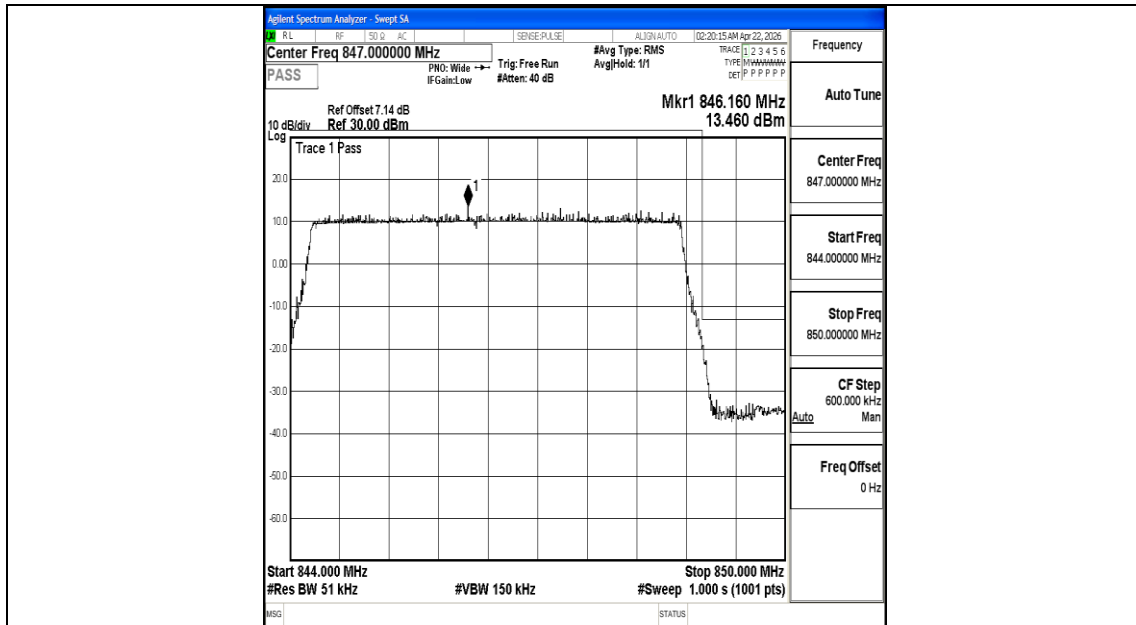




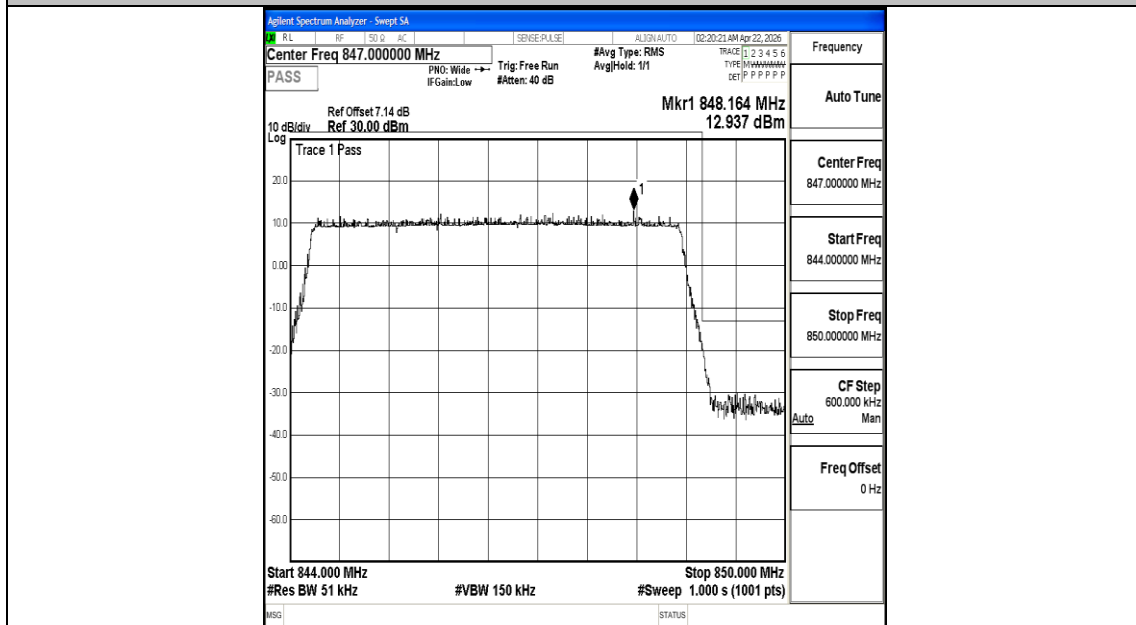
Band5_5MHz_QPSK_20425_25RB#0



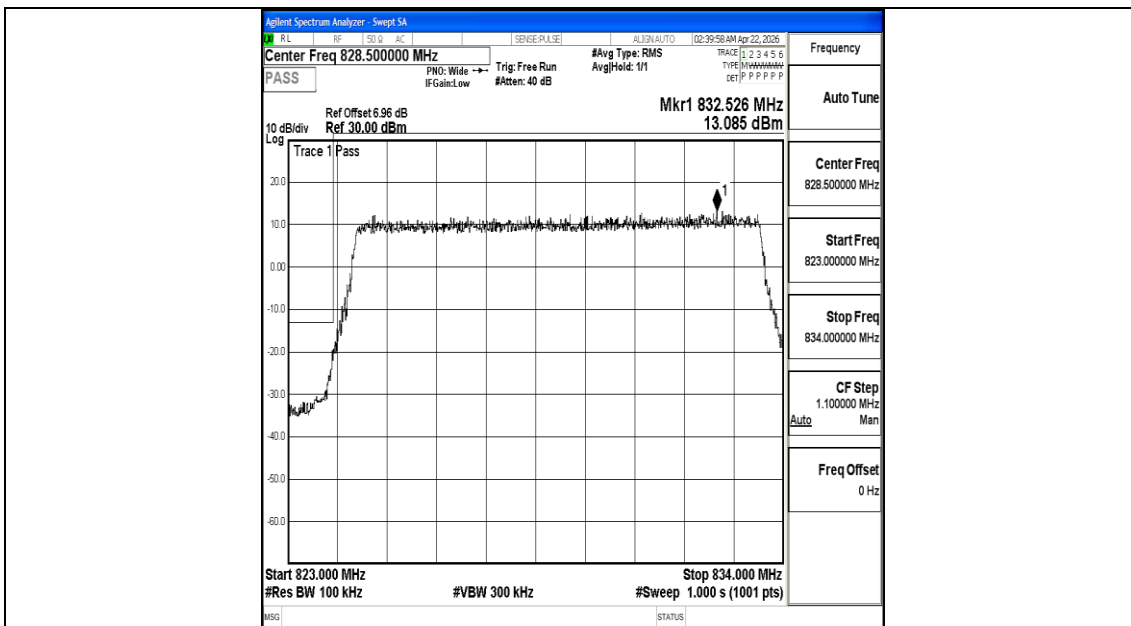
Band5_5MHz_16QAM_20425_25RB#0



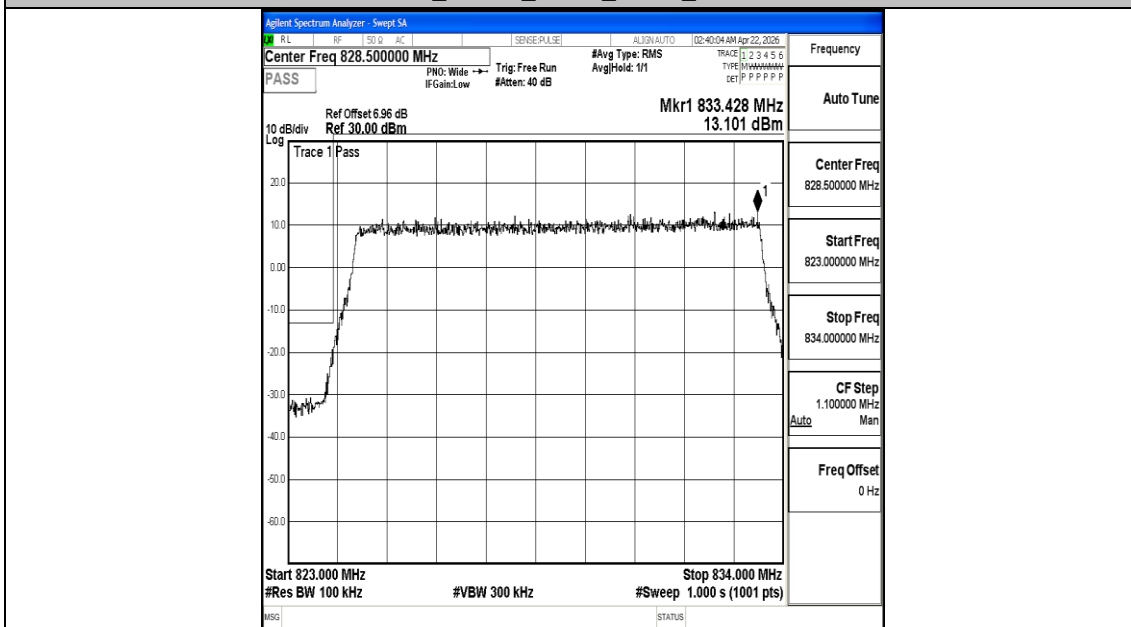
Band5_5MHz_QPSK_20625_25RB#0



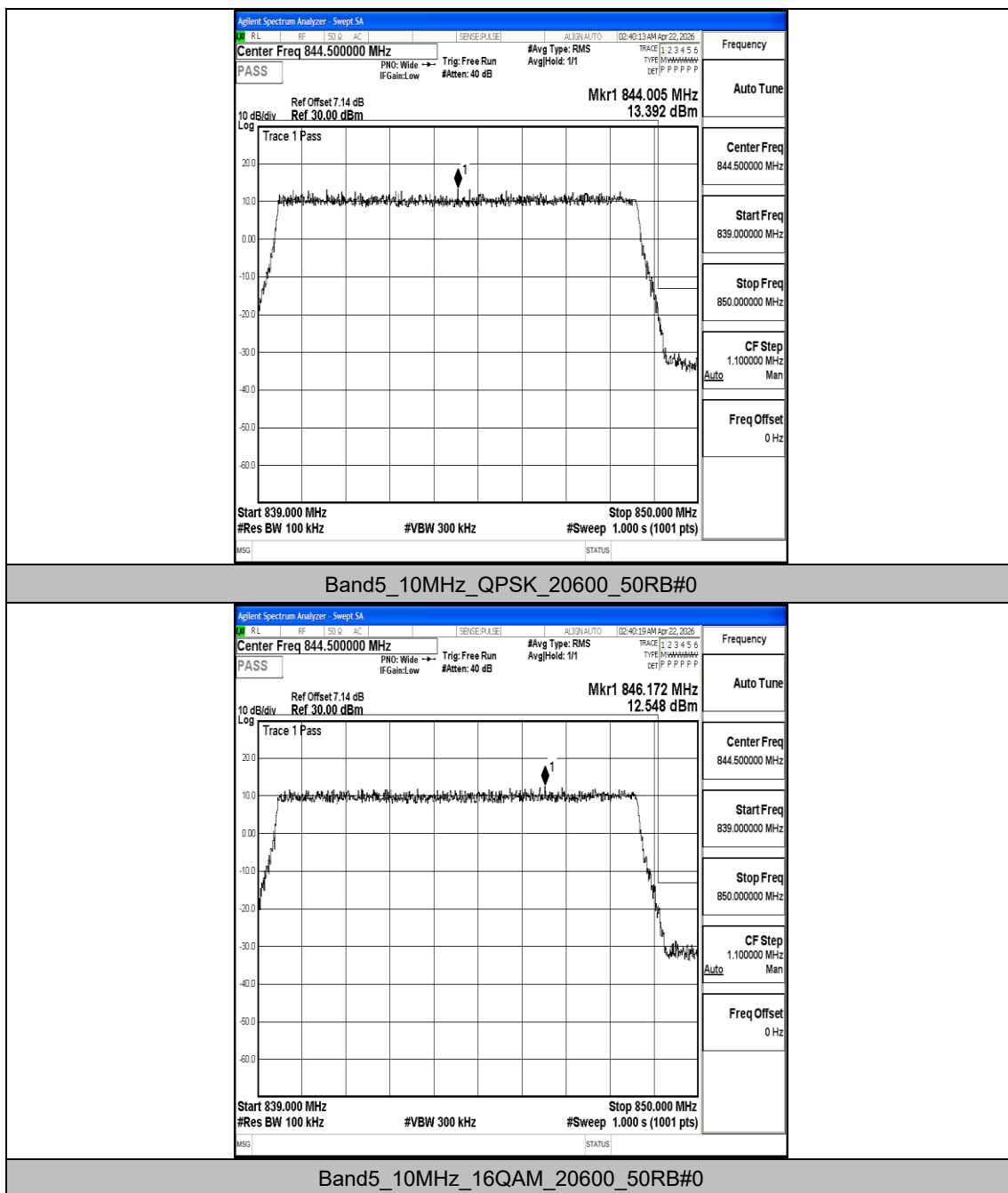
Band5_5MHz_16QAM_20625_25RB#0



Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



4 Conducted Spurious Emission

Test Result

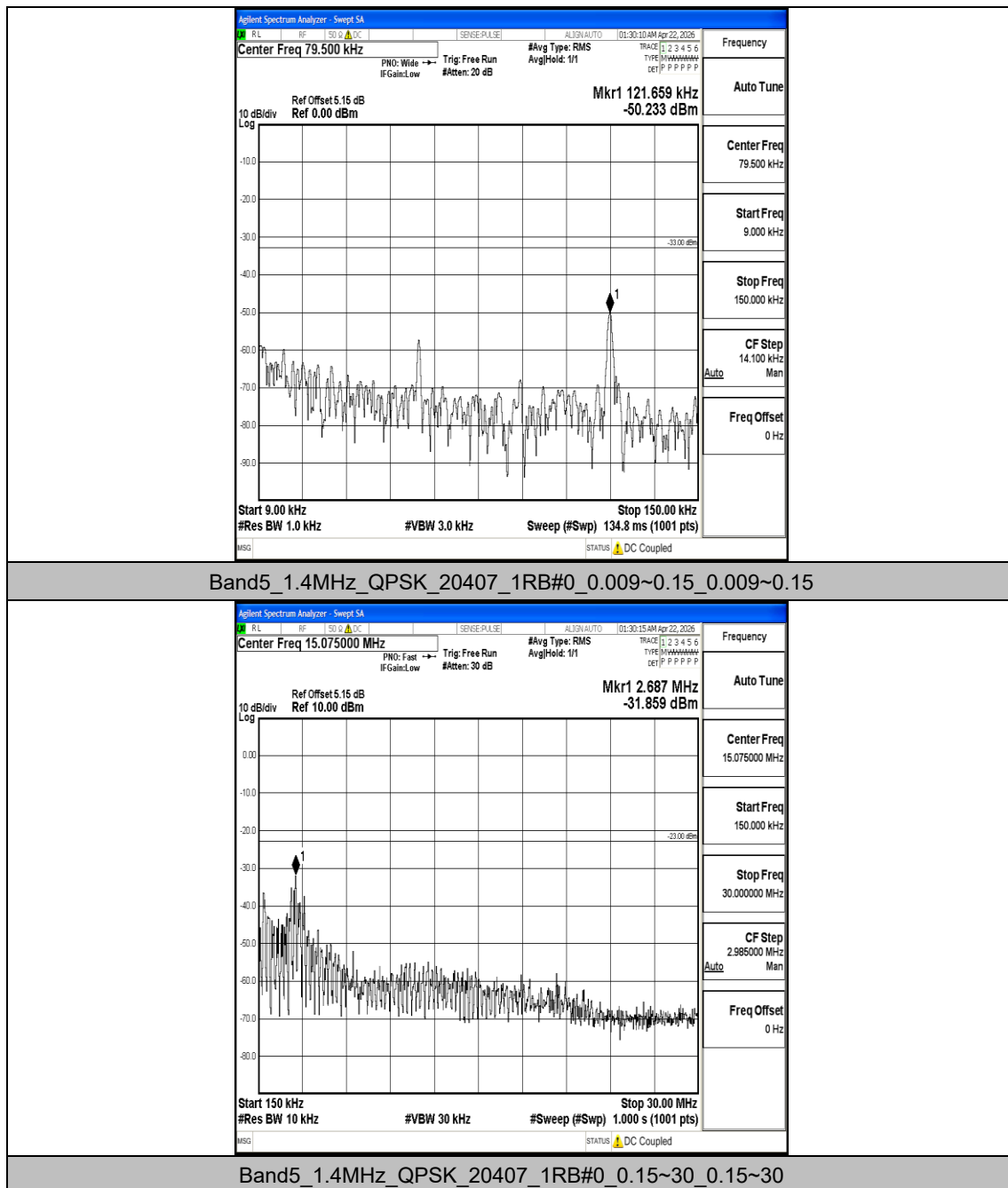
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-50.23	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-31.86	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-51.08	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-35.56	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-35.80	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-52.19	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-29.06	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-49.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-33.51	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-34.98	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-50.73	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-33.84	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-52.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-35.33	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-35.14	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-50.42	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-31.06	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-52.16	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-35.36	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-35.23	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-50.61	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-31.51	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-43.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-35.77	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-35.00	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-57.46	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-34.11	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-48.90	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-34.75	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-35.70	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-59.25	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-26.73	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-51.81	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-35.13	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-35.68	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-53.75	PASS

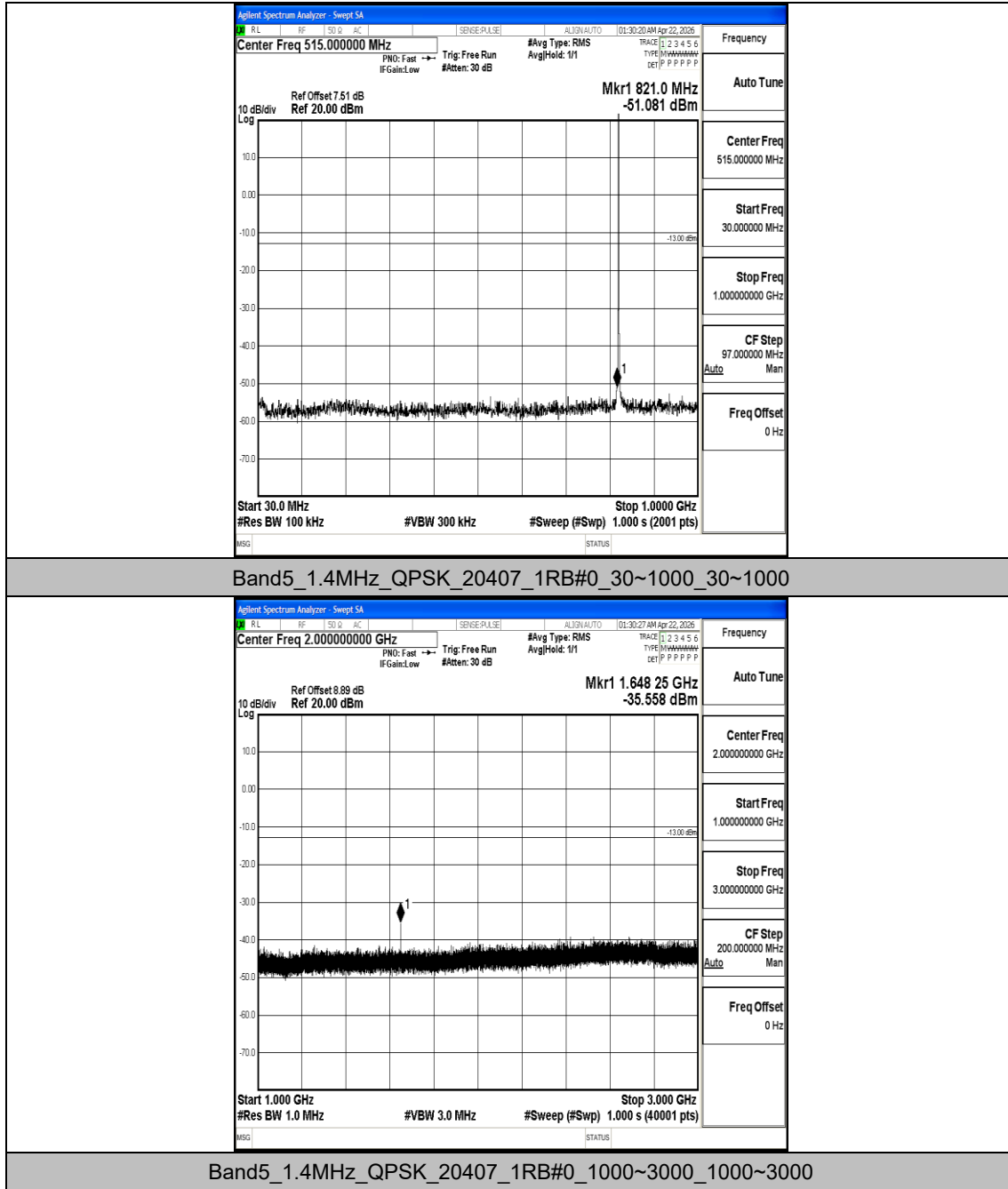


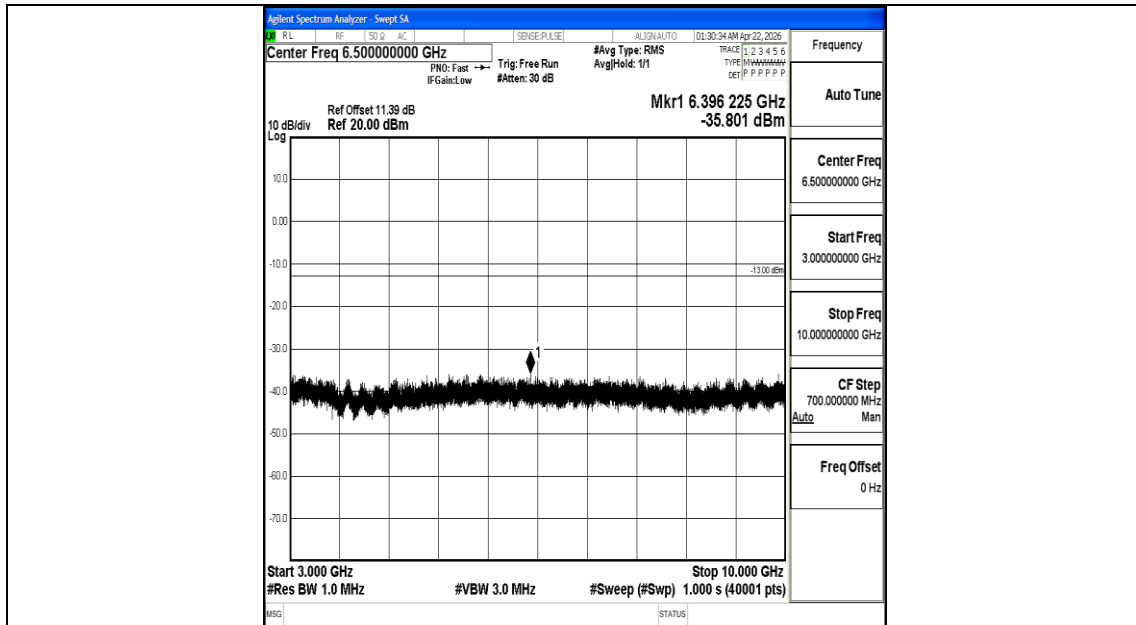
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-32.34	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-51.26	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-35.59	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-35.80	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-50.12	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-27.56	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-51.84	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-34.17	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-35.61	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-49.83	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-32.17	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-52.22	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-35.61	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-35.13	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-56.35	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-30.16	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-50.81	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-35.90	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-34.86	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-54.11	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-31.28	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-52.04	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-37.73	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-35.61	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-51.18	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-30.83	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-52.36	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-37.27	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-35.39	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-50.04	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-29.90	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-52.92	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-35.95	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-34.72	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-56.37	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-31.83	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-51.88	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-35.79	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-35.01	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-56.35	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-28.13	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-48.87	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-36.10	PASS

Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-34.76	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-50.43	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-29.58	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-52.21	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-38.23	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-35.75	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-50.95	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-30.95	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-52.12	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-37.21	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-34.99	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-50.92	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-34.94	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-52.85	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-35.02	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-34.91	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-59.12	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-35.04	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-52.59	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-35.35	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-35.80	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-50.31	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-31.92	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-52.32	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-34.31	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-34.81	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-57.96	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-30.71	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-53.12	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-37.55	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-34.99	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-50.25	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-32.54	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-52.98	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-34.85	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-34.78	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-50.84	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-31.58	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-52.04	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-34.18	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-35.19	PASS

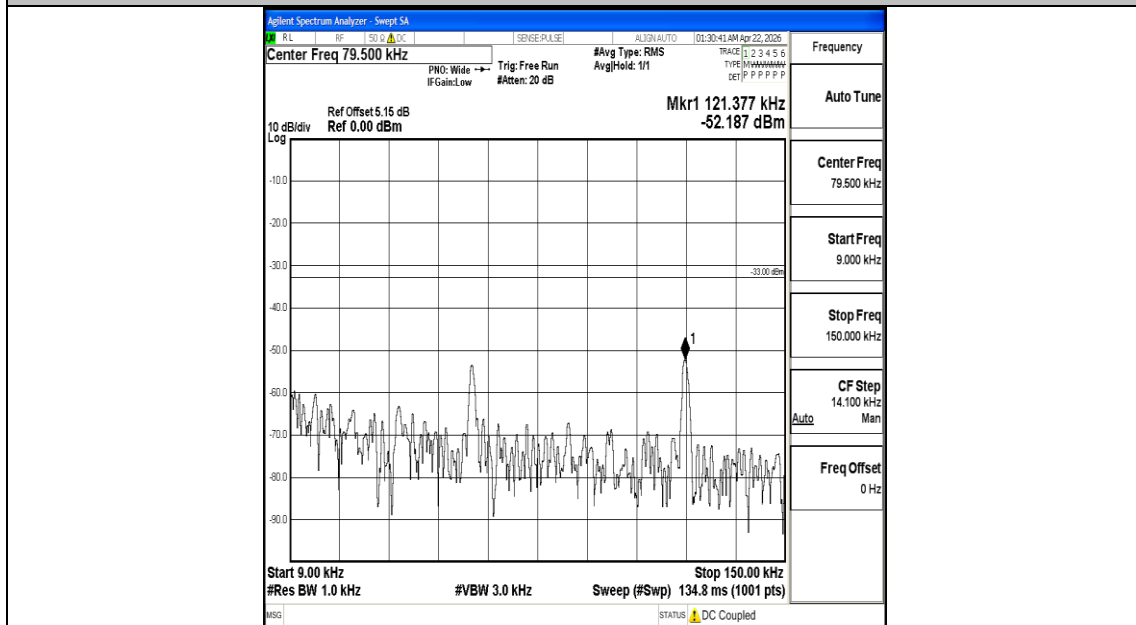
Test Graphs



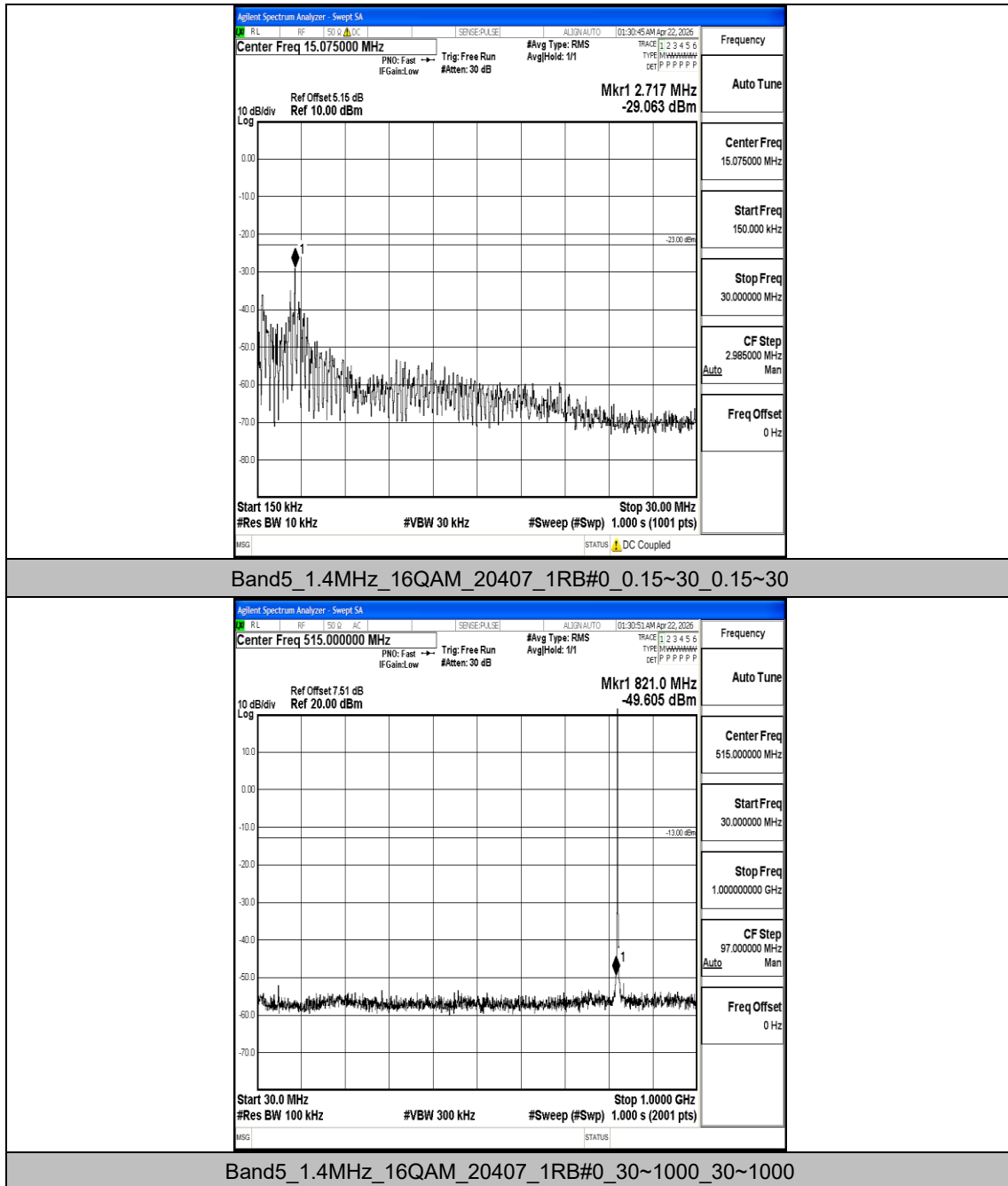


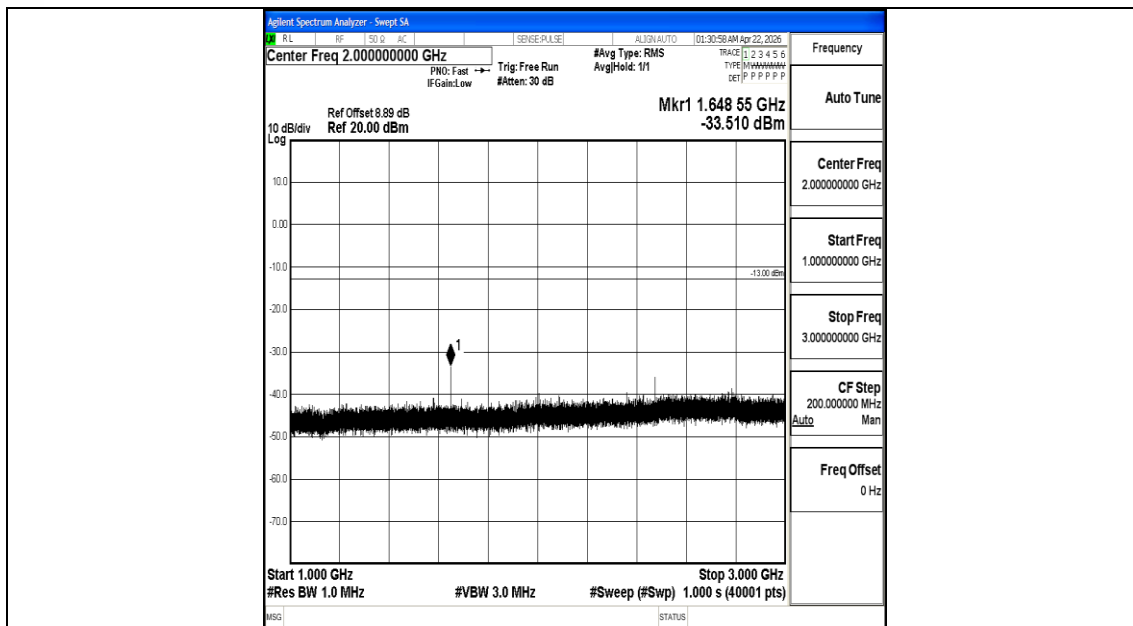


Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000

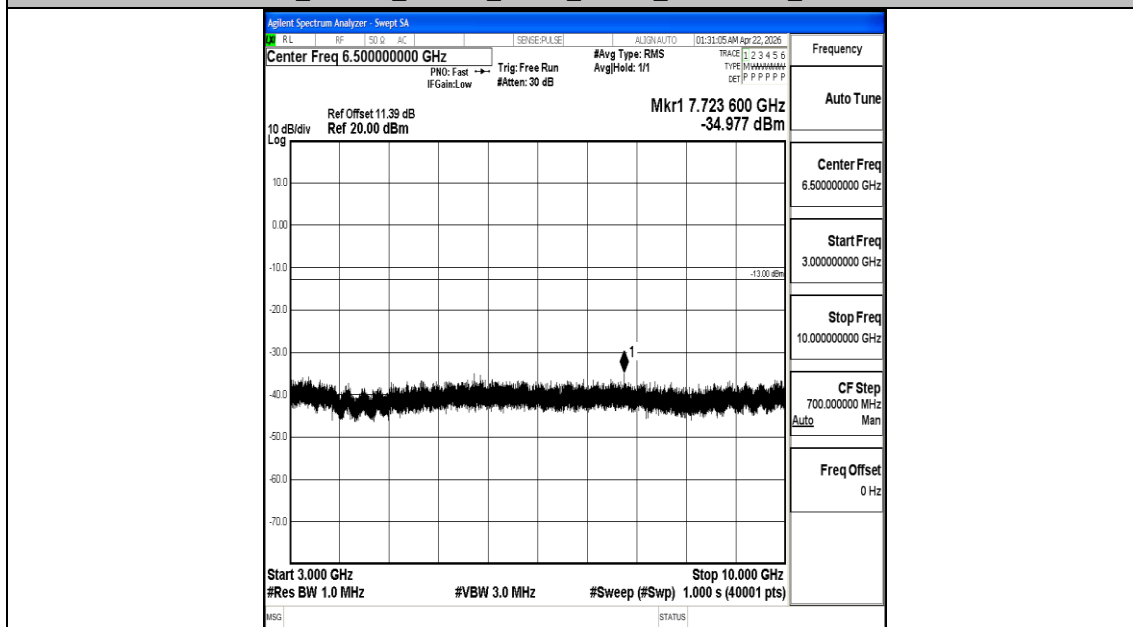


Band5_1.4MHz_16QAM_20407_1RB#0_0.009~0.15_0.009~0.15

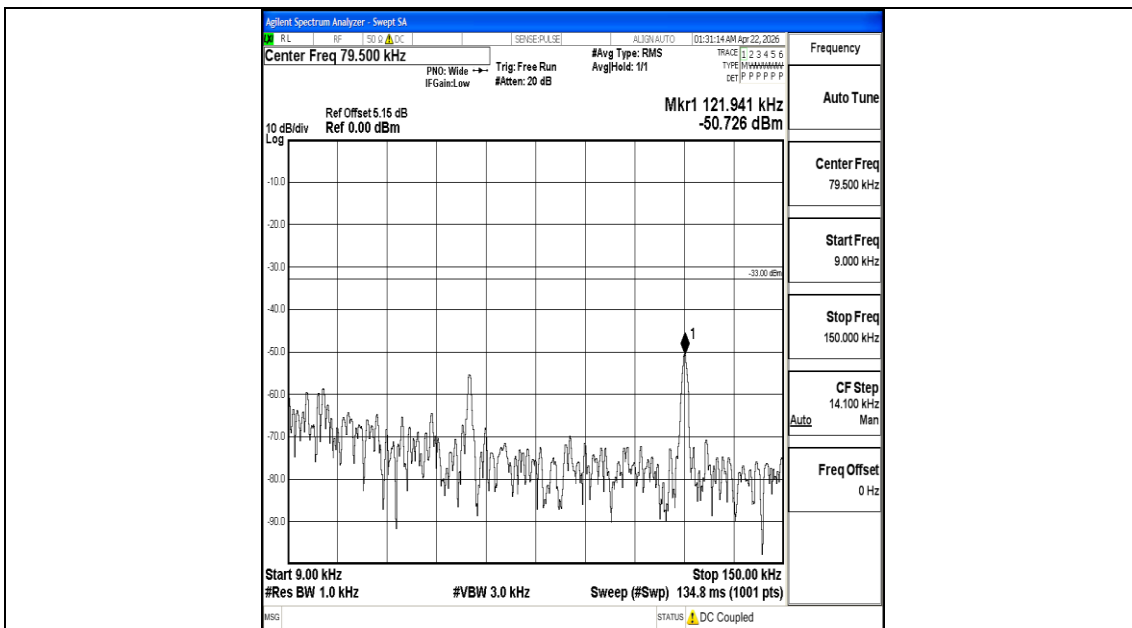




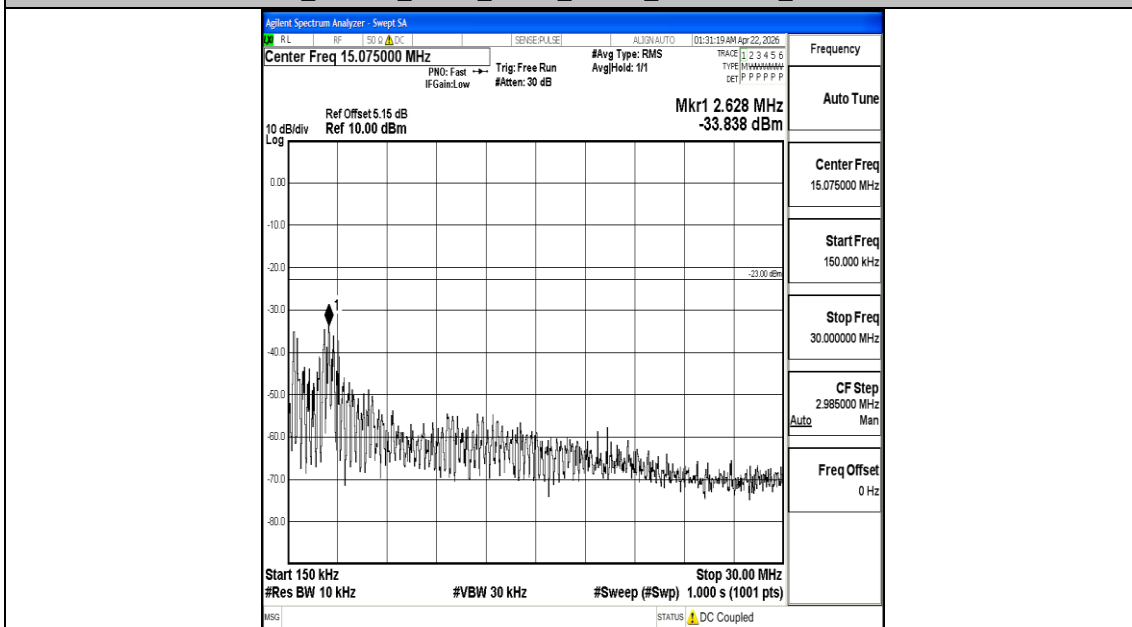
Band5_1.4MHz_16QAM_20407_1RB#0_1000~3000_1000~3000



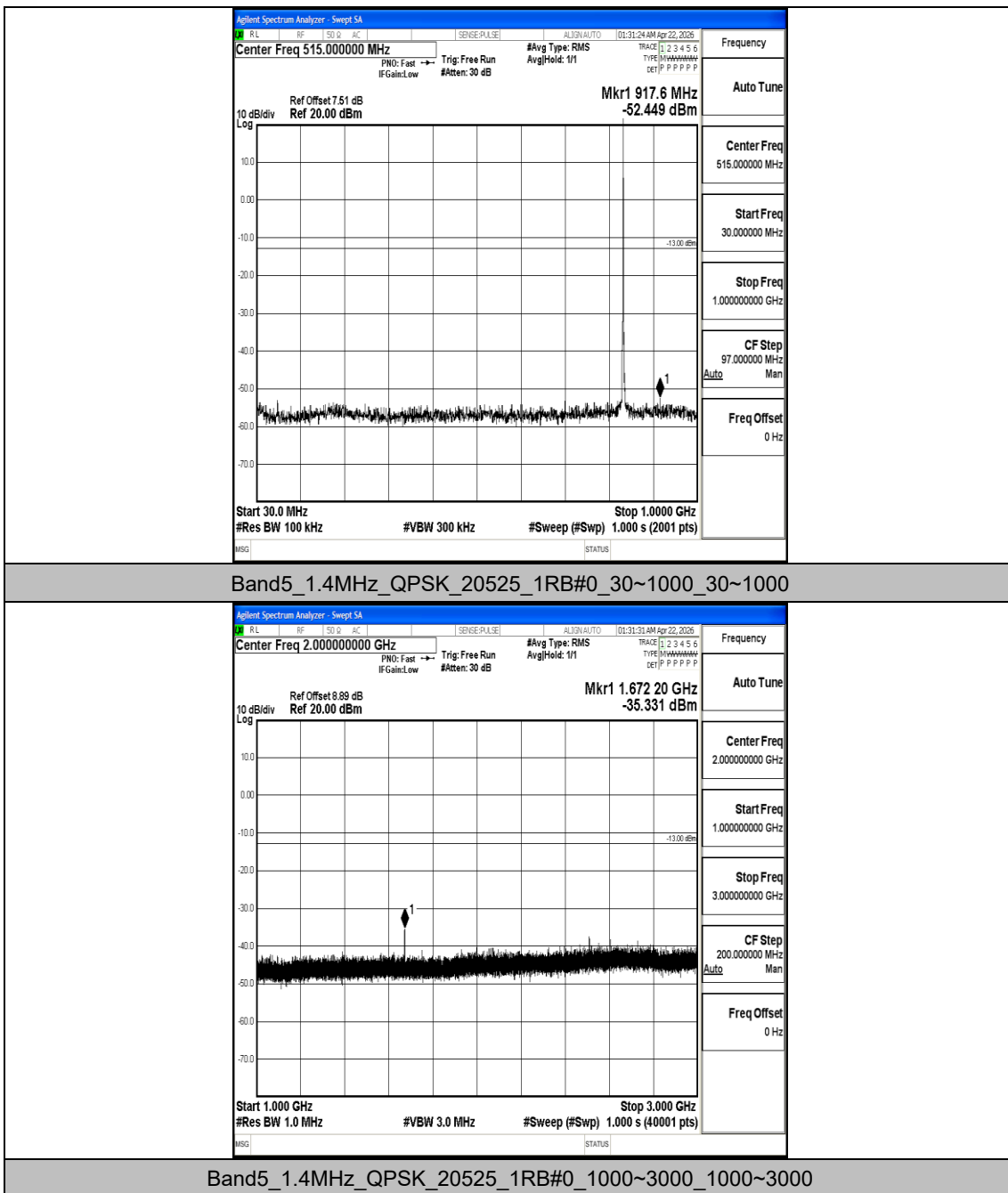
Band5_1.4MHz_16QAM_20407_1RB#0_3000~10000_3000~10000

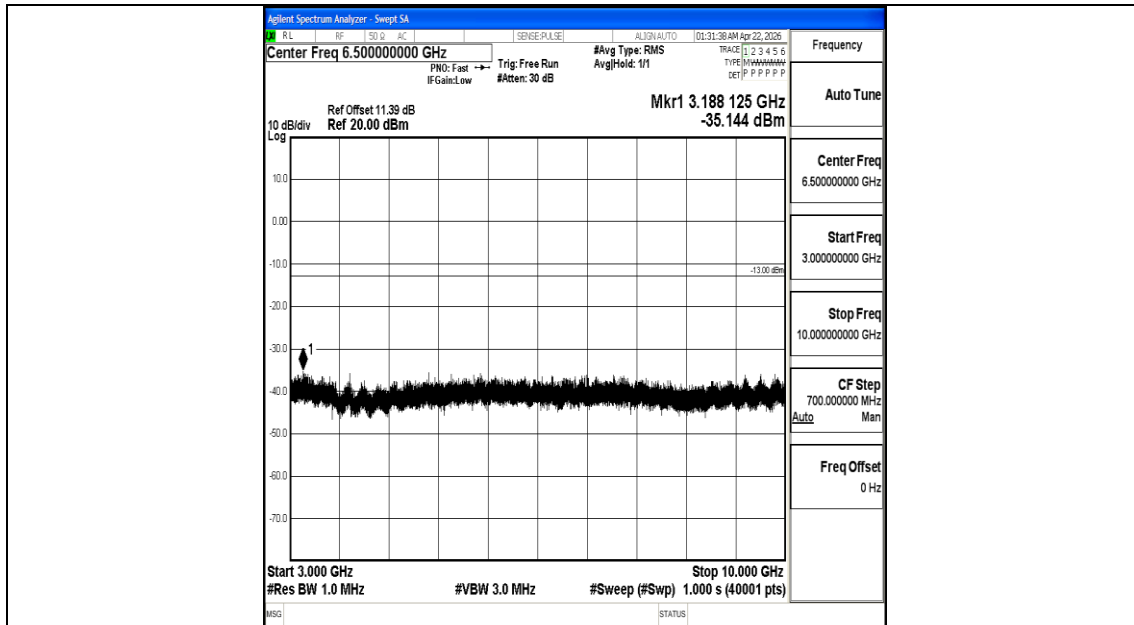


Band5_1.4MHz_QPSK_20525_1RB#0_0.009~0.15_0.009~0.15

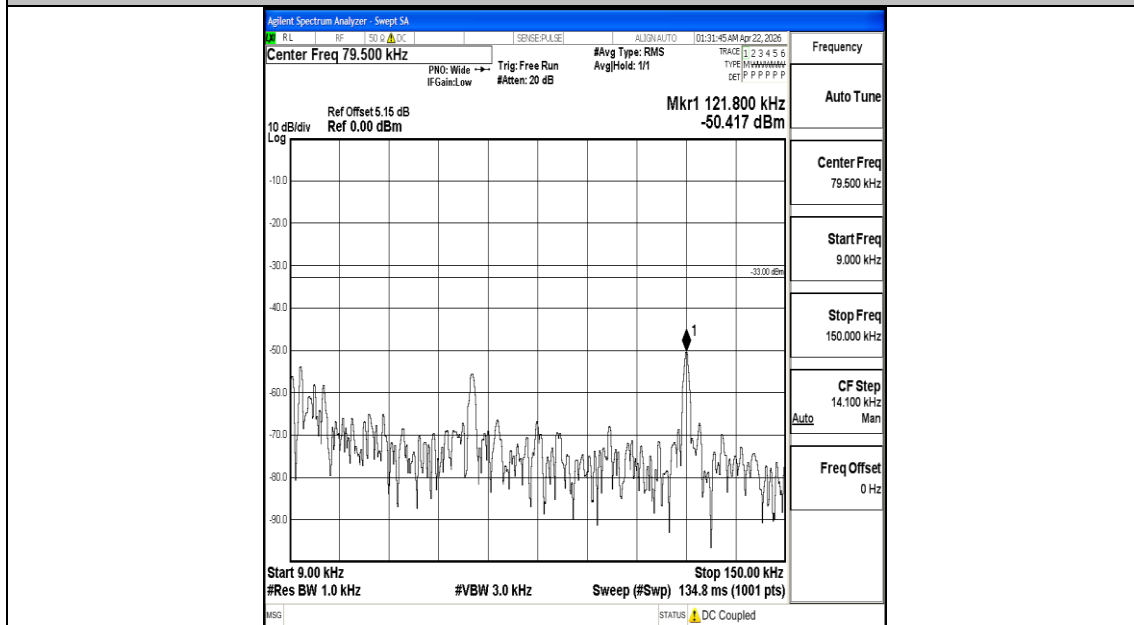


Band5_1.4MHz_QPSK_20525_1RB#0_0.15~30_0.15~30

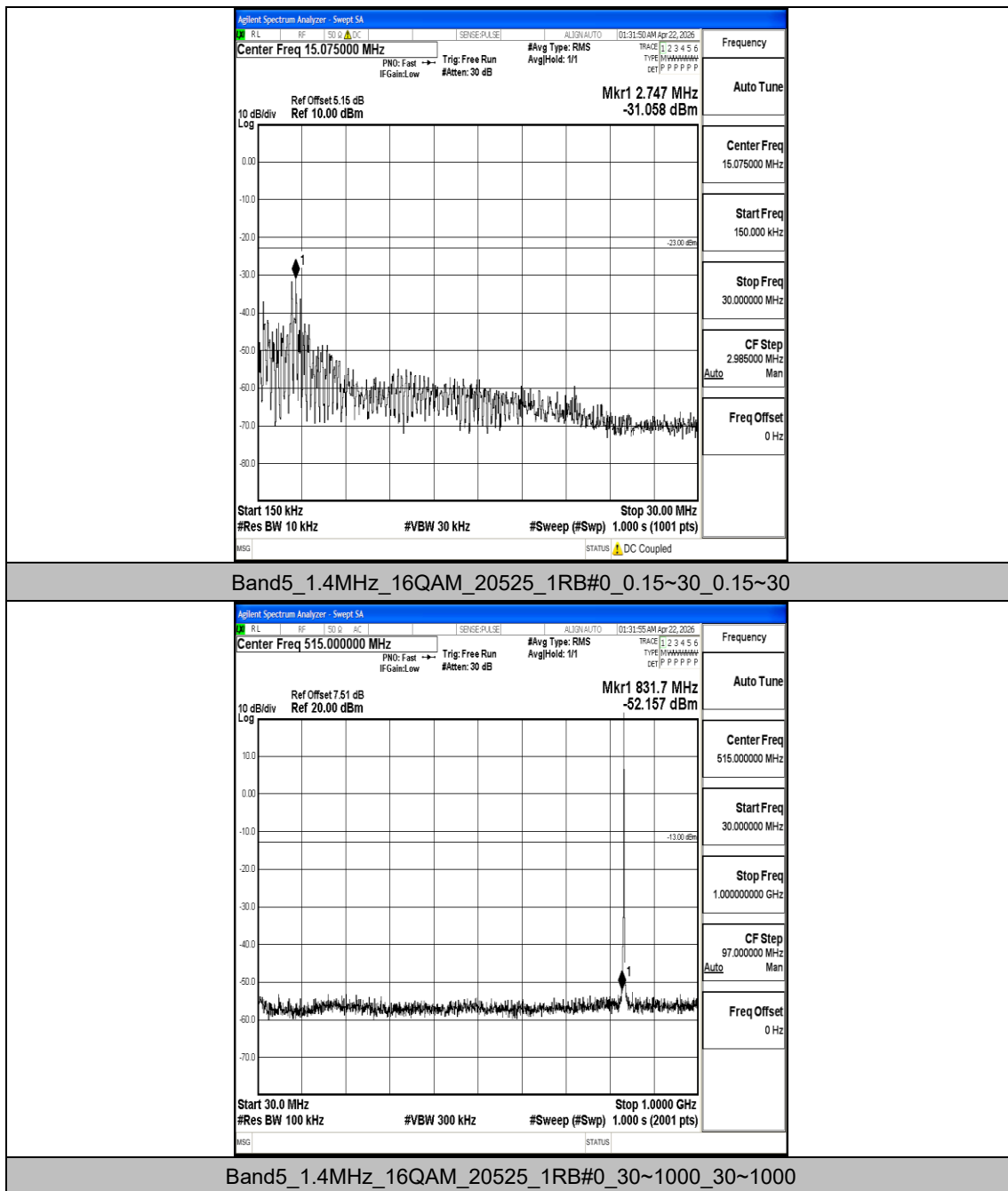


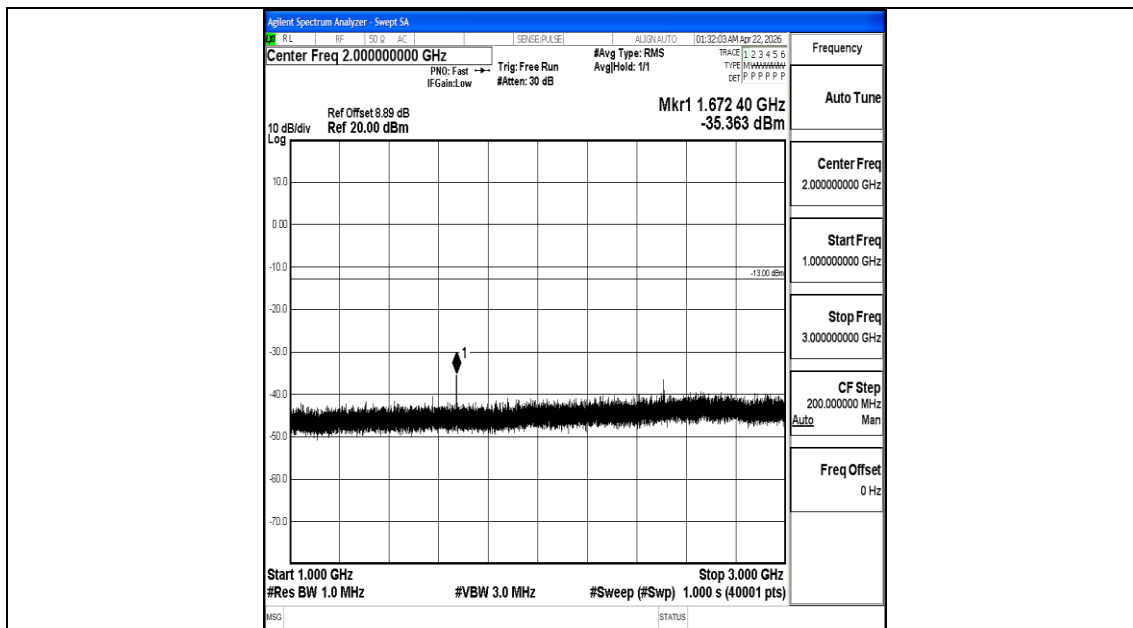


Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000

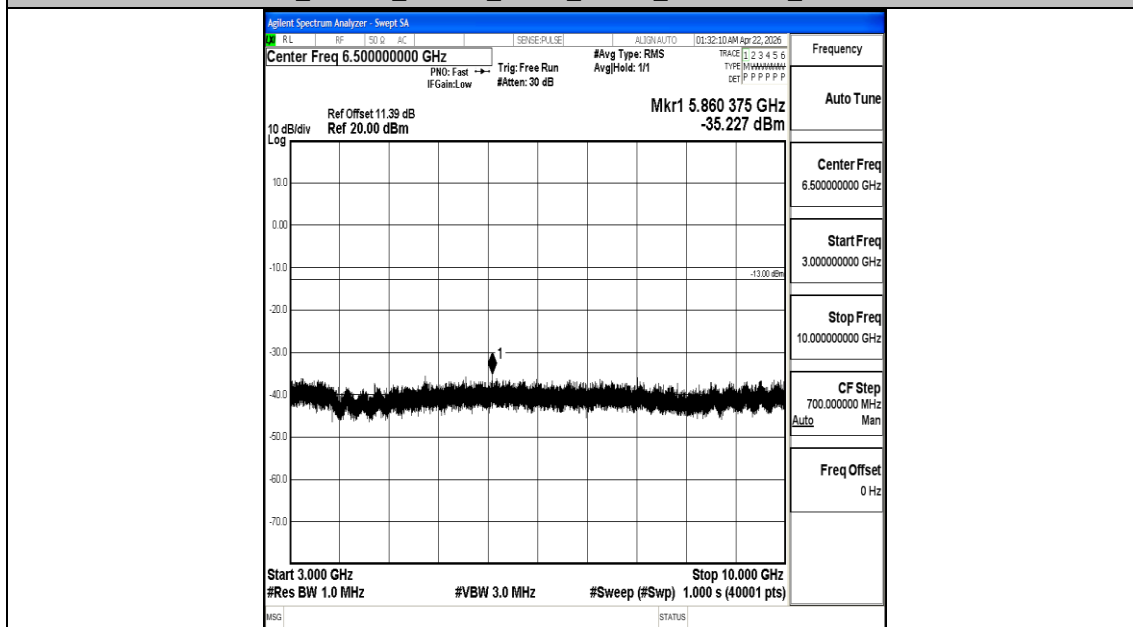


Band5_1.4MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15





Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



Band5_1.4MHz_16QAM_20525_1RB#0_3000~10000_3000~10000

