



FCC Appendix RF Test Data for LTE Band 7

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)

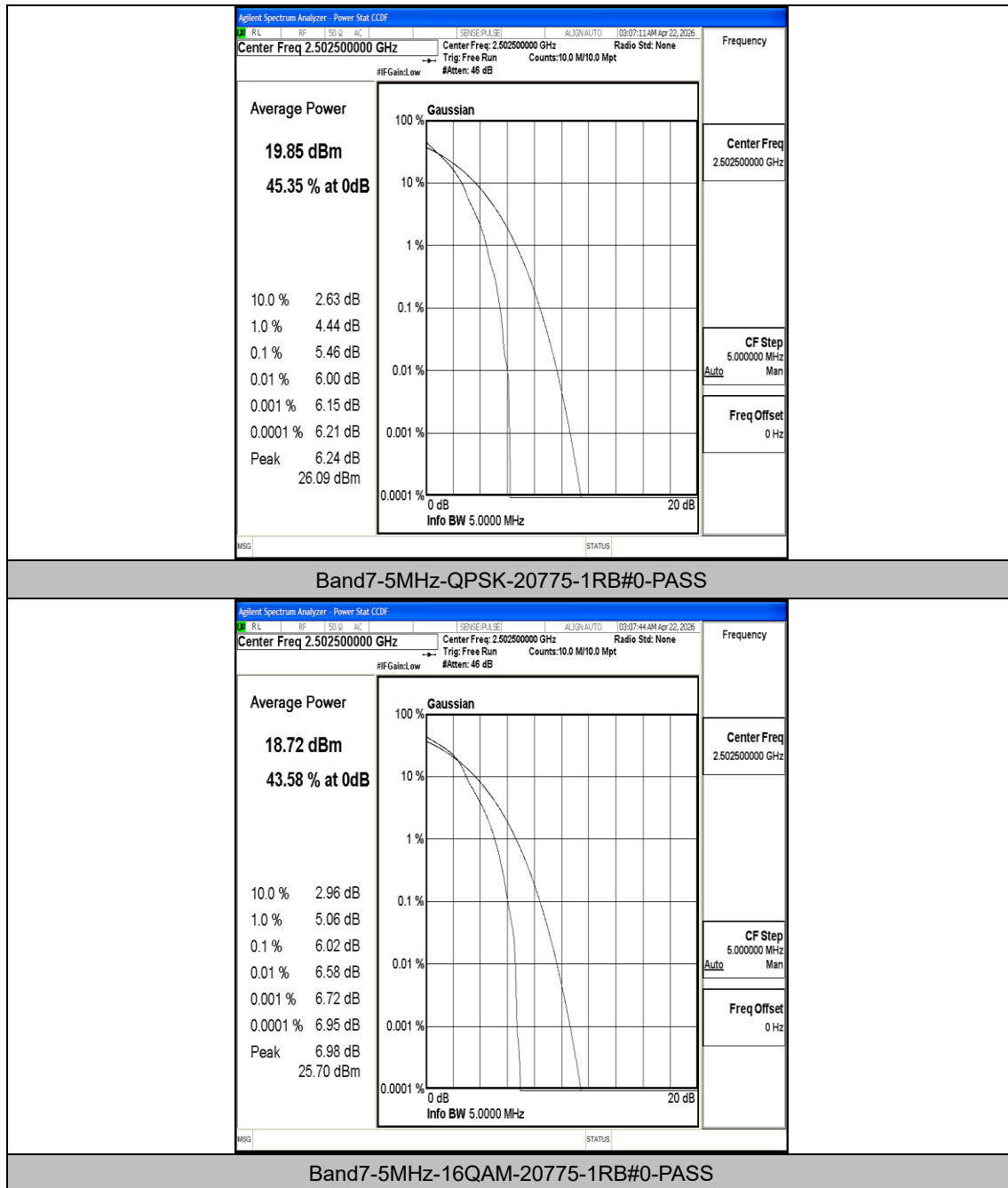
Test Result

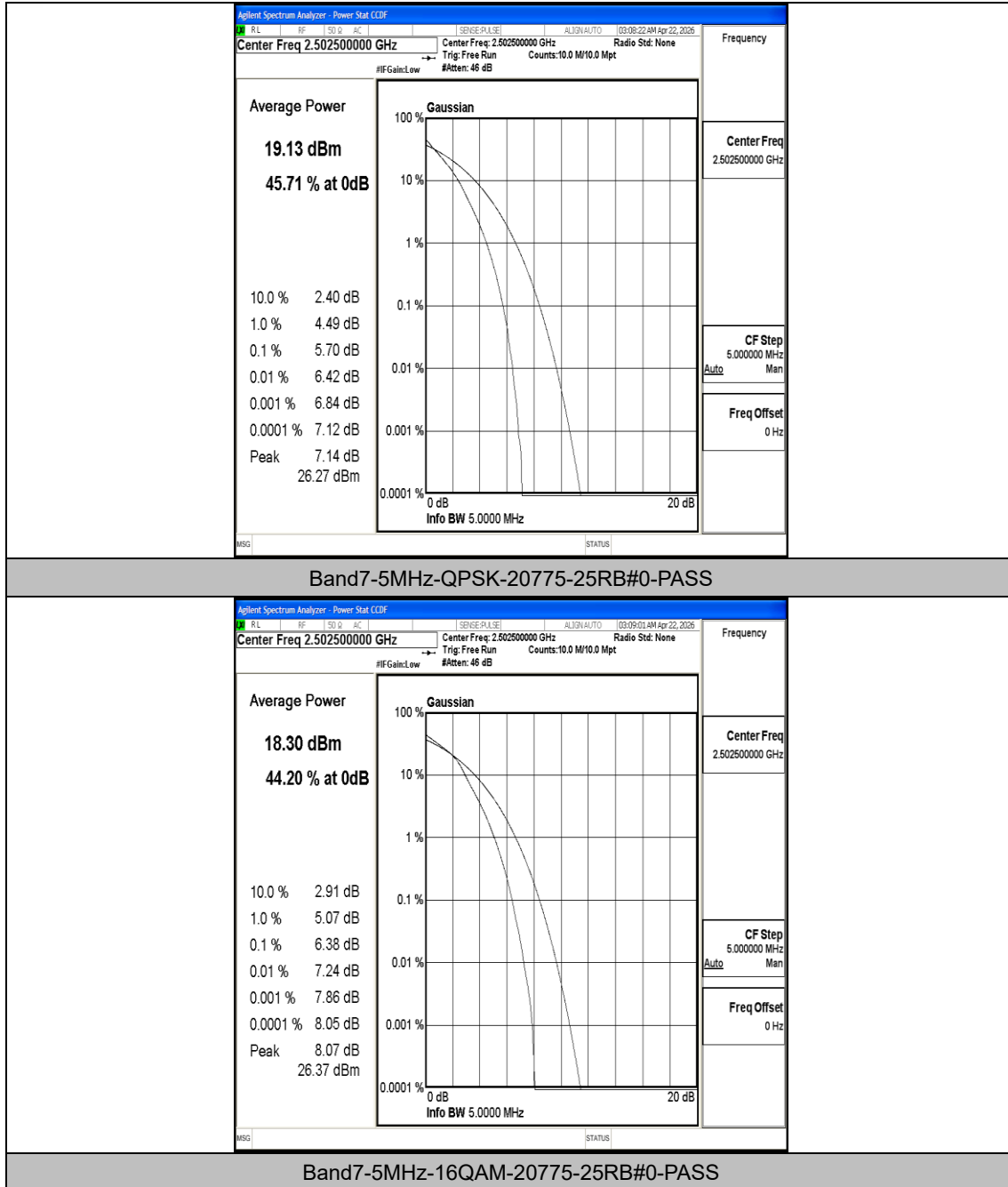
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	5.46	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	6.02	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.70	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.38	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	5.94	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	6.32	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.87	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.55	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	5.84	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	6.25	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.82	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.50	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	5.39	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	6.13	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.71	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.43	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	5.86	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	6.74	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.92	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.60	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	5.89	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	6.69	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.90	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.60	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	5.38	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	6.24	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.95	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.48	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.83	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	6.62	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	6.22	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.67	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	5.85	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	6.61	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	6.16	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.62	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	5.18	13	PASS

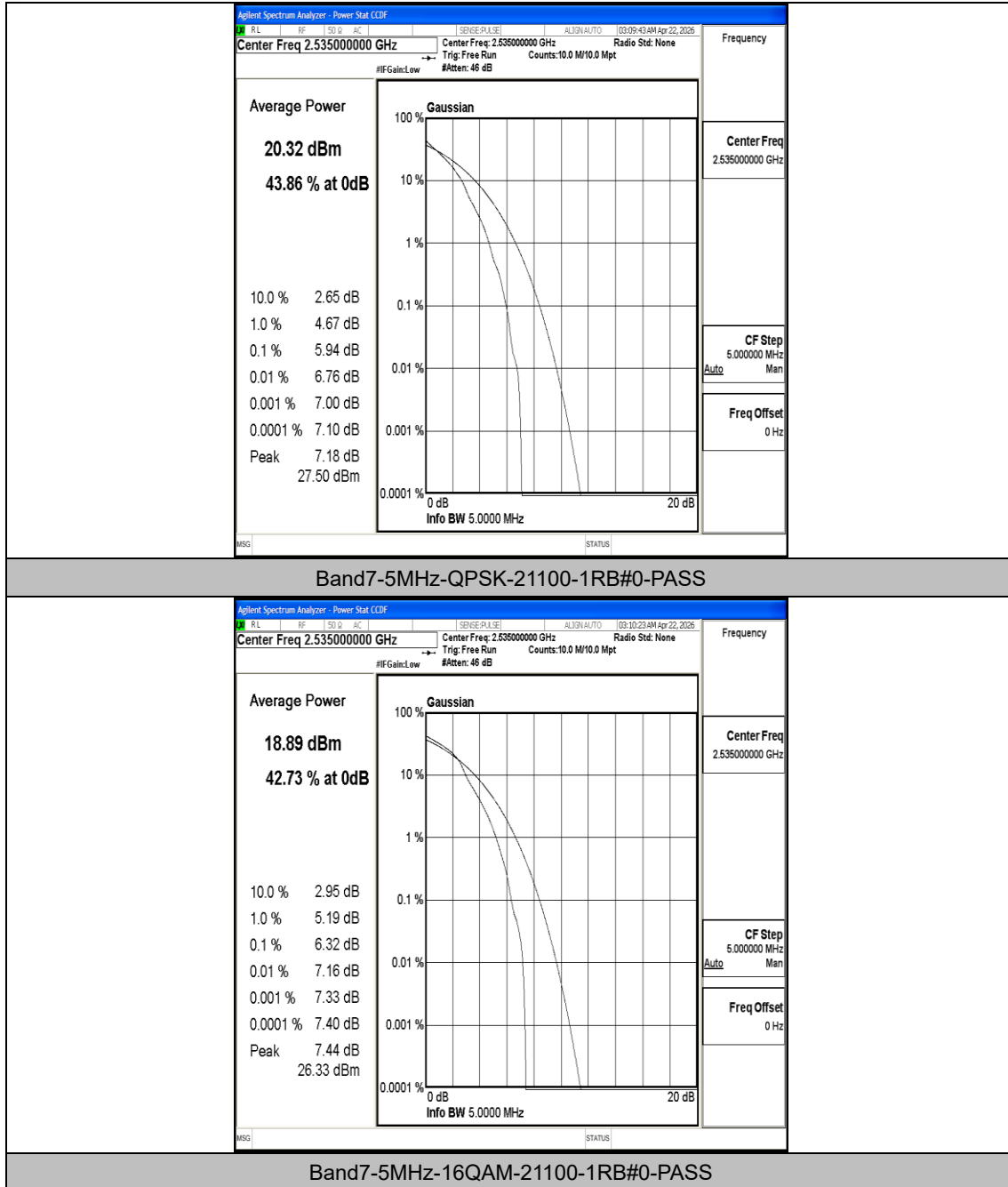


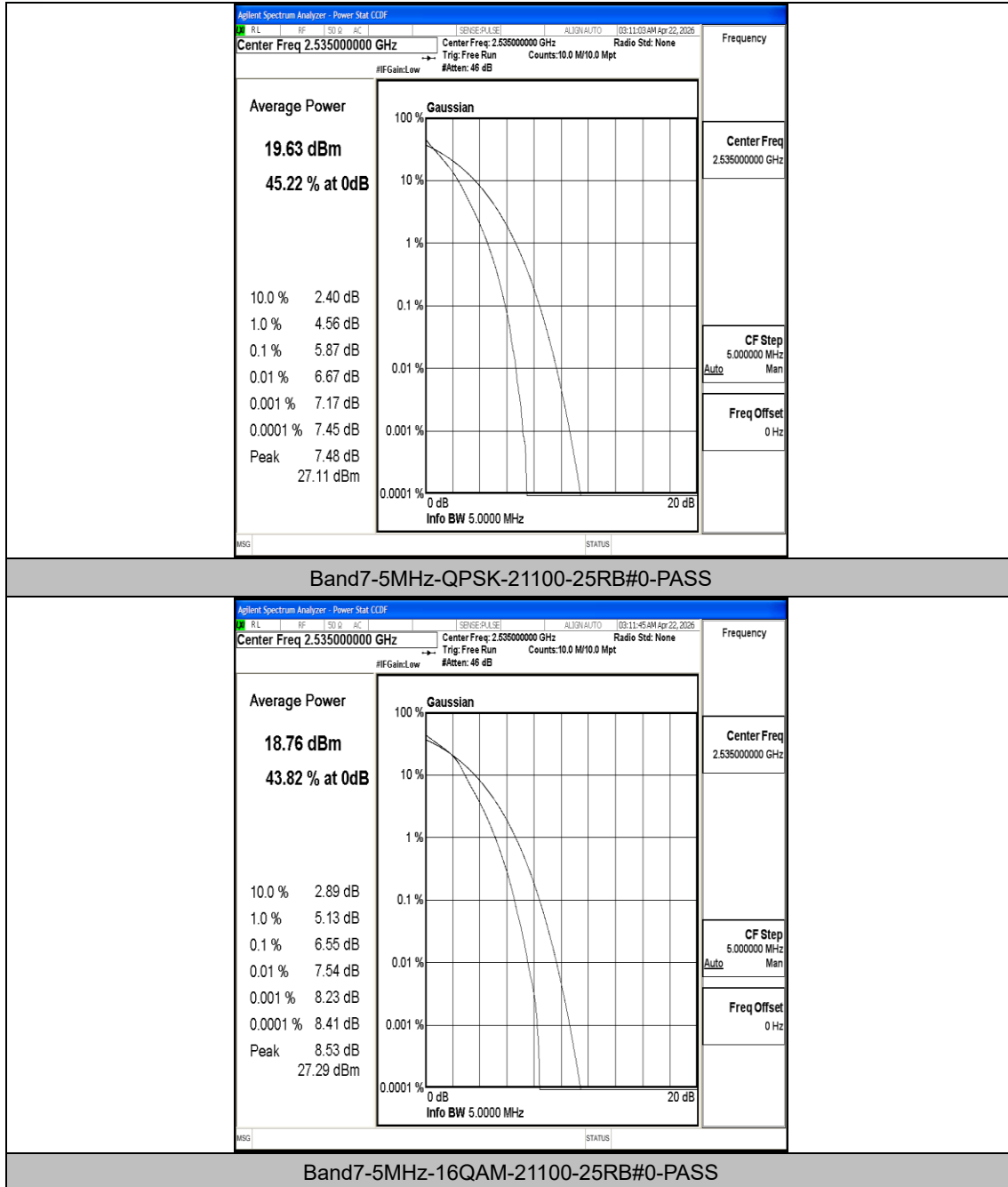
Band7	20MHz	16QAM	20850	1RB#0	5.85	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.64	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.43	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	5.59	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	6.17	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.95	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.65	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	5.62	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	6.14	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.80	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.57	13	PASS

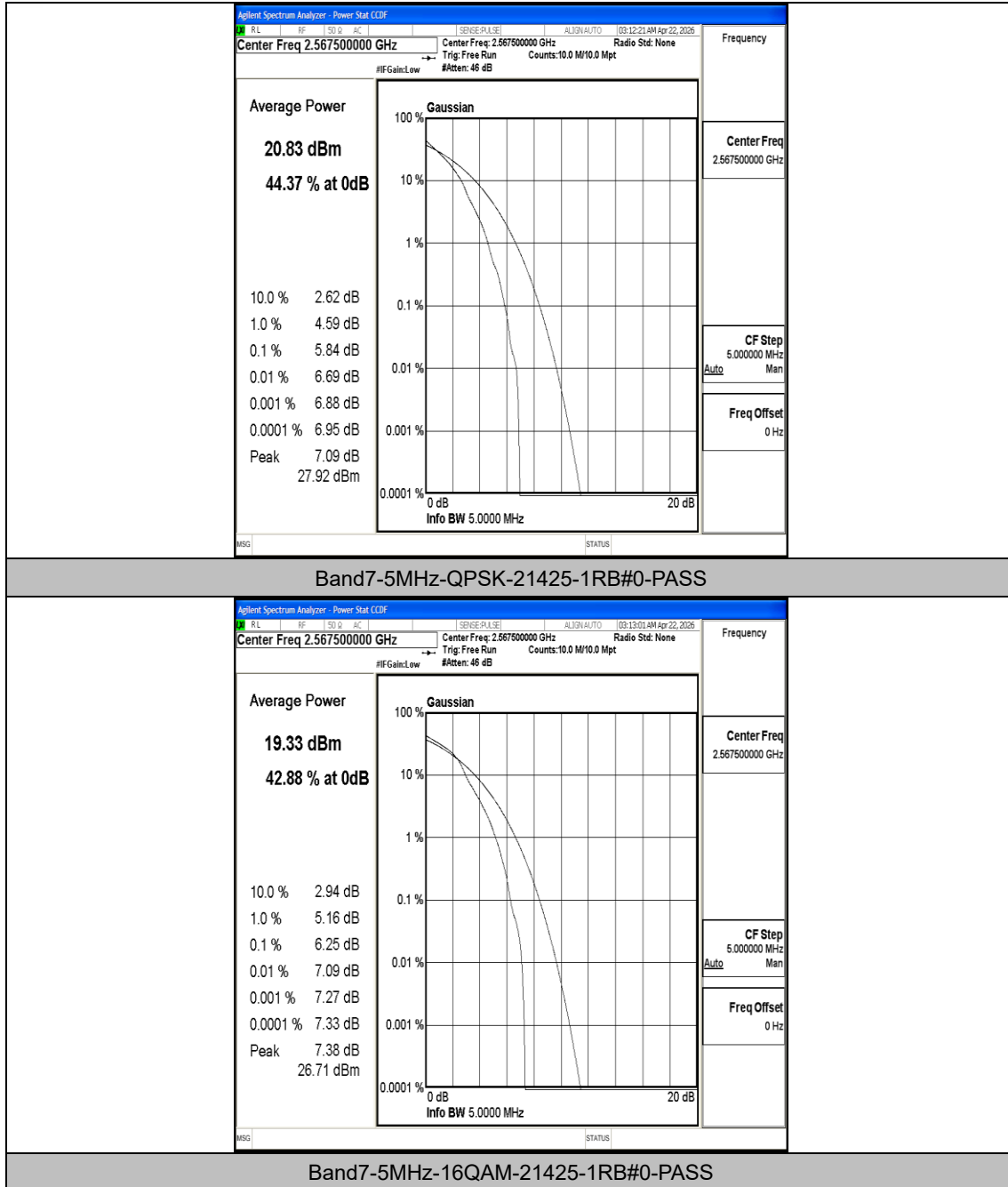
Test Graphs

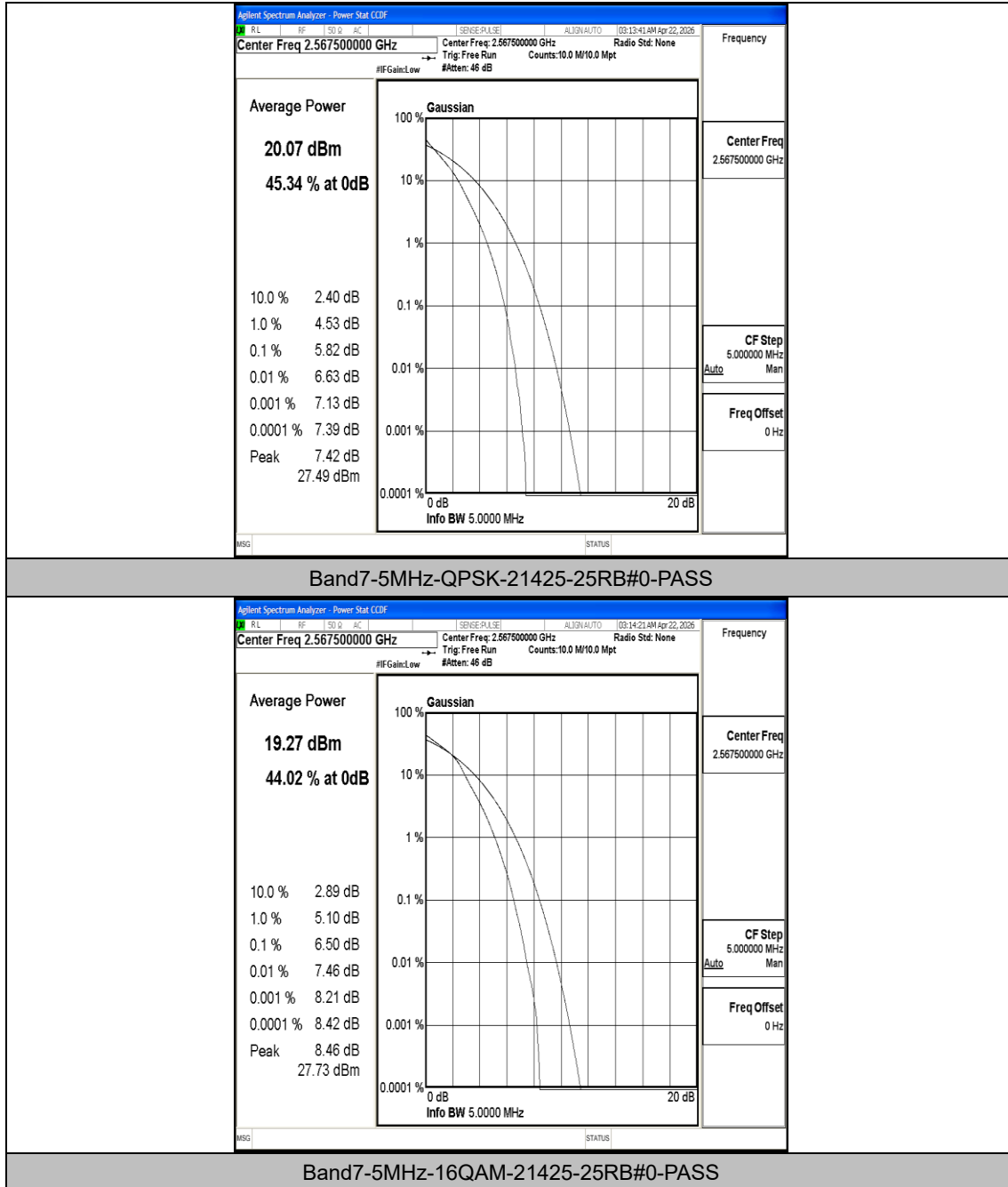


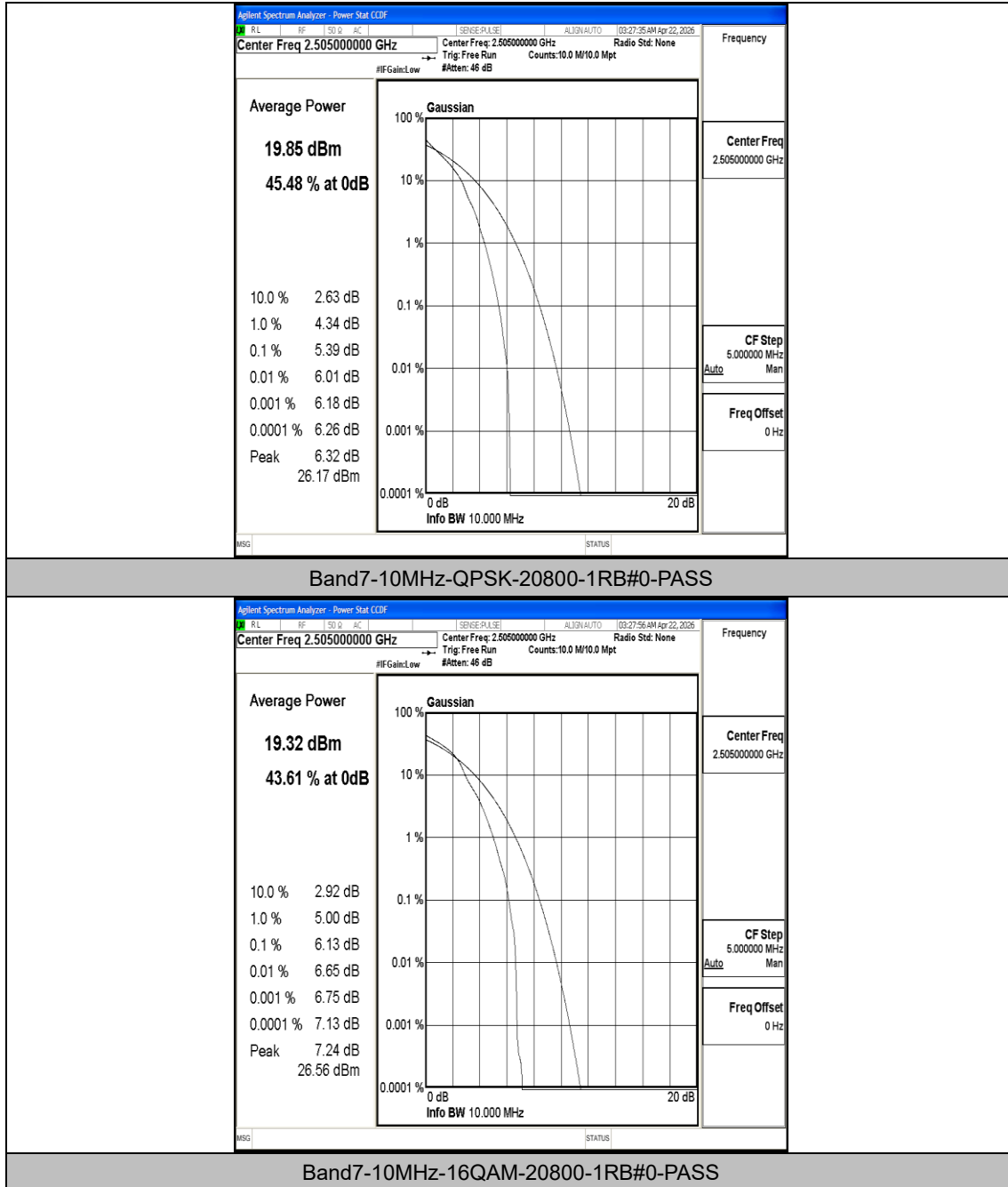


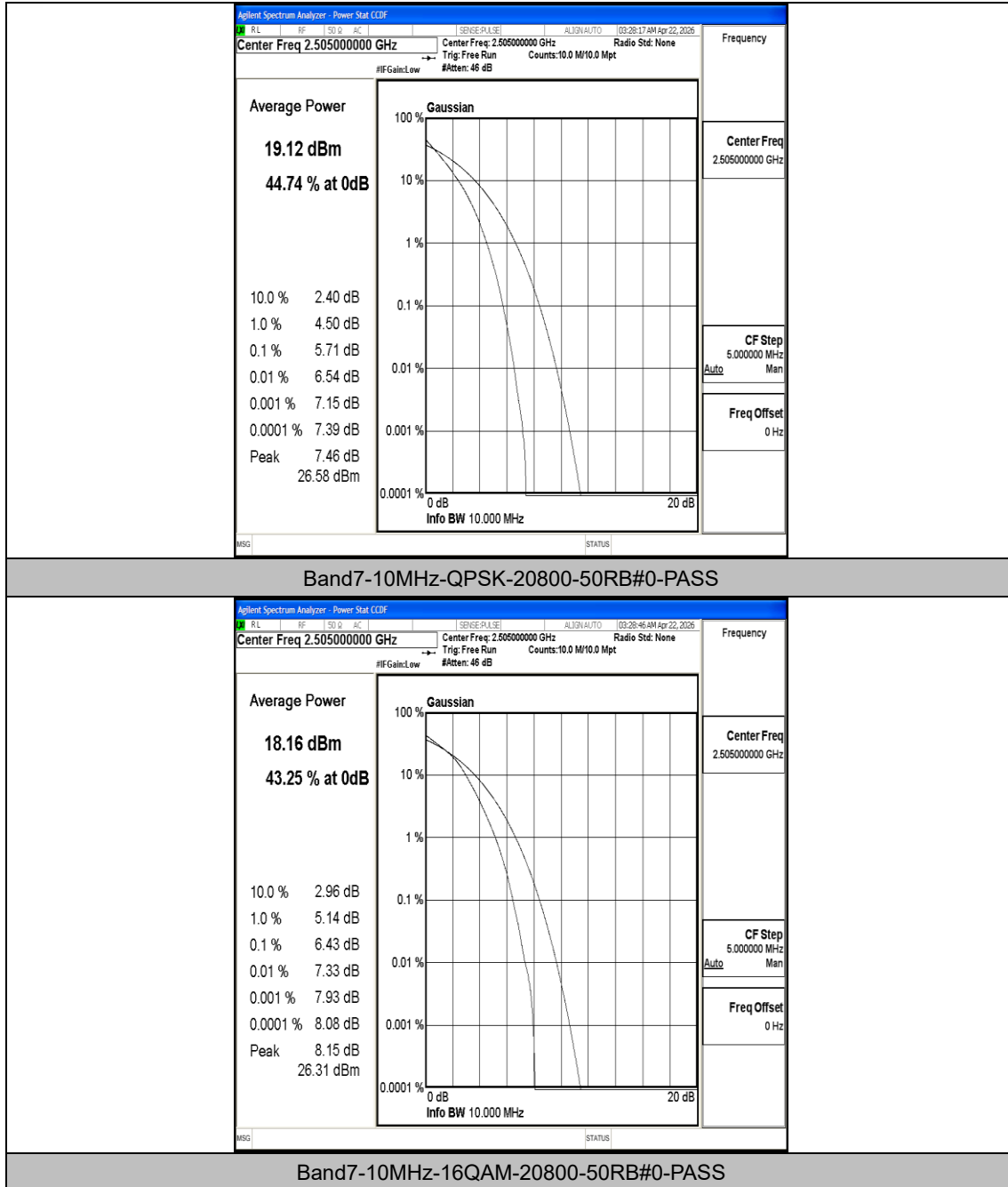


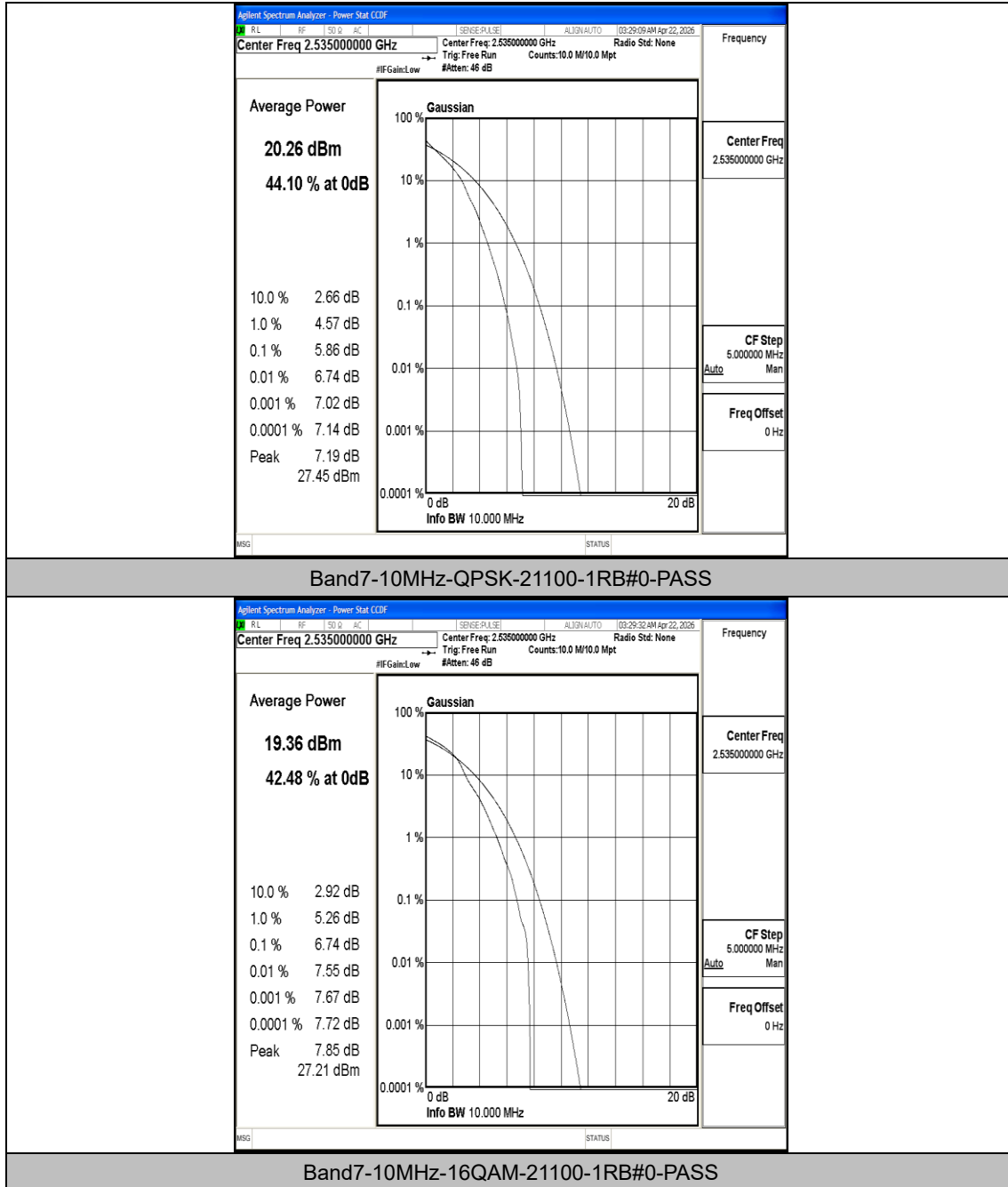


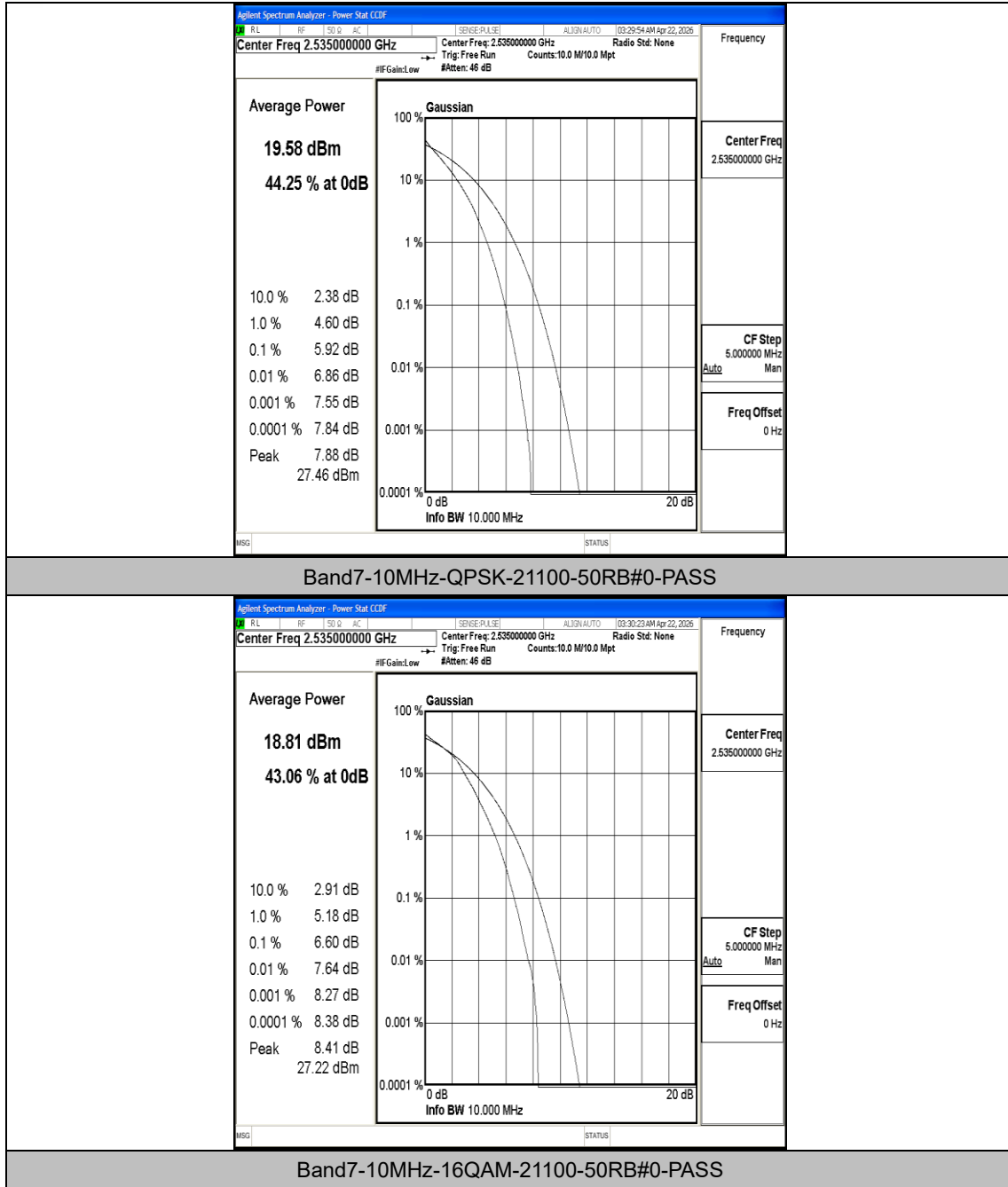


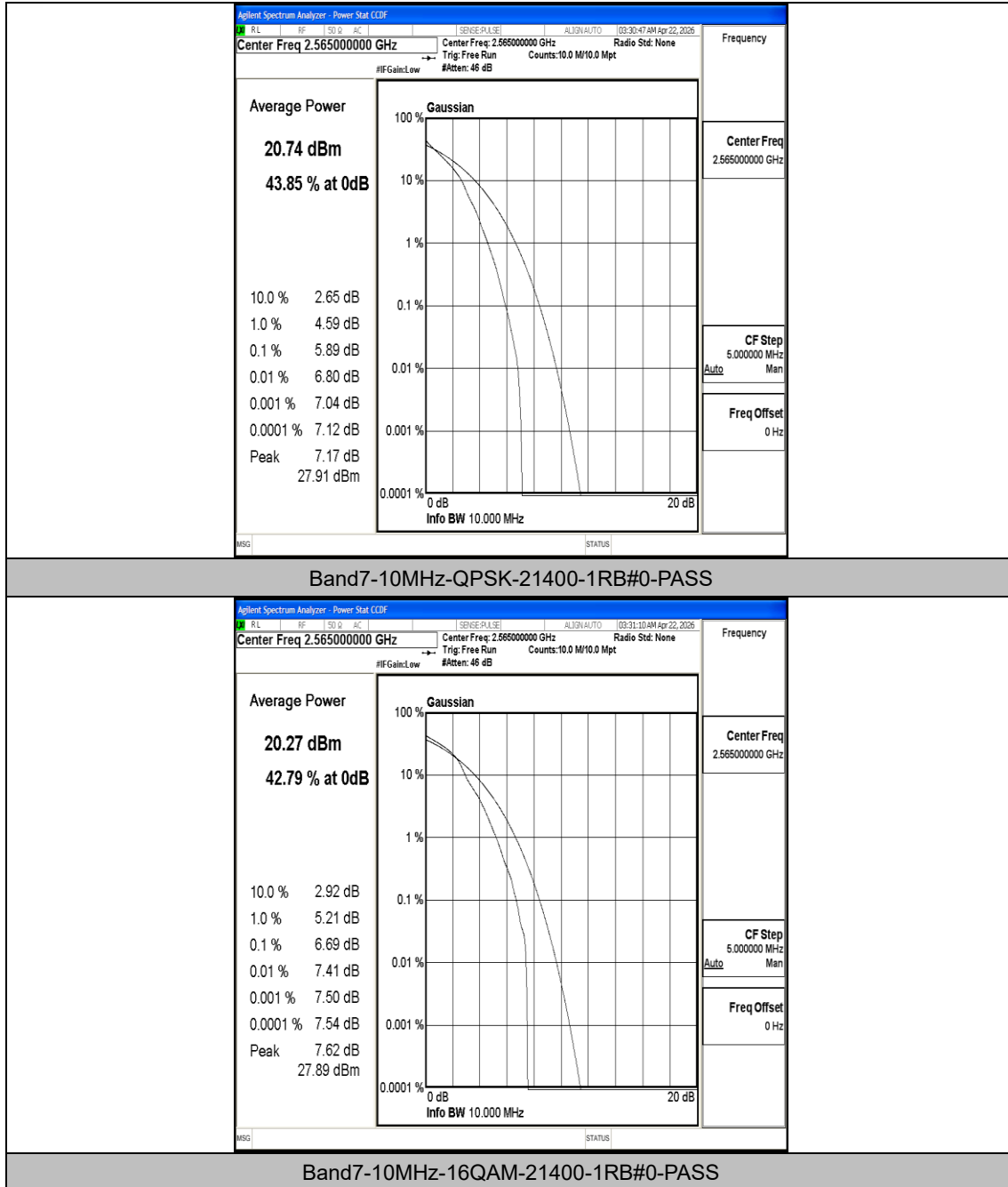


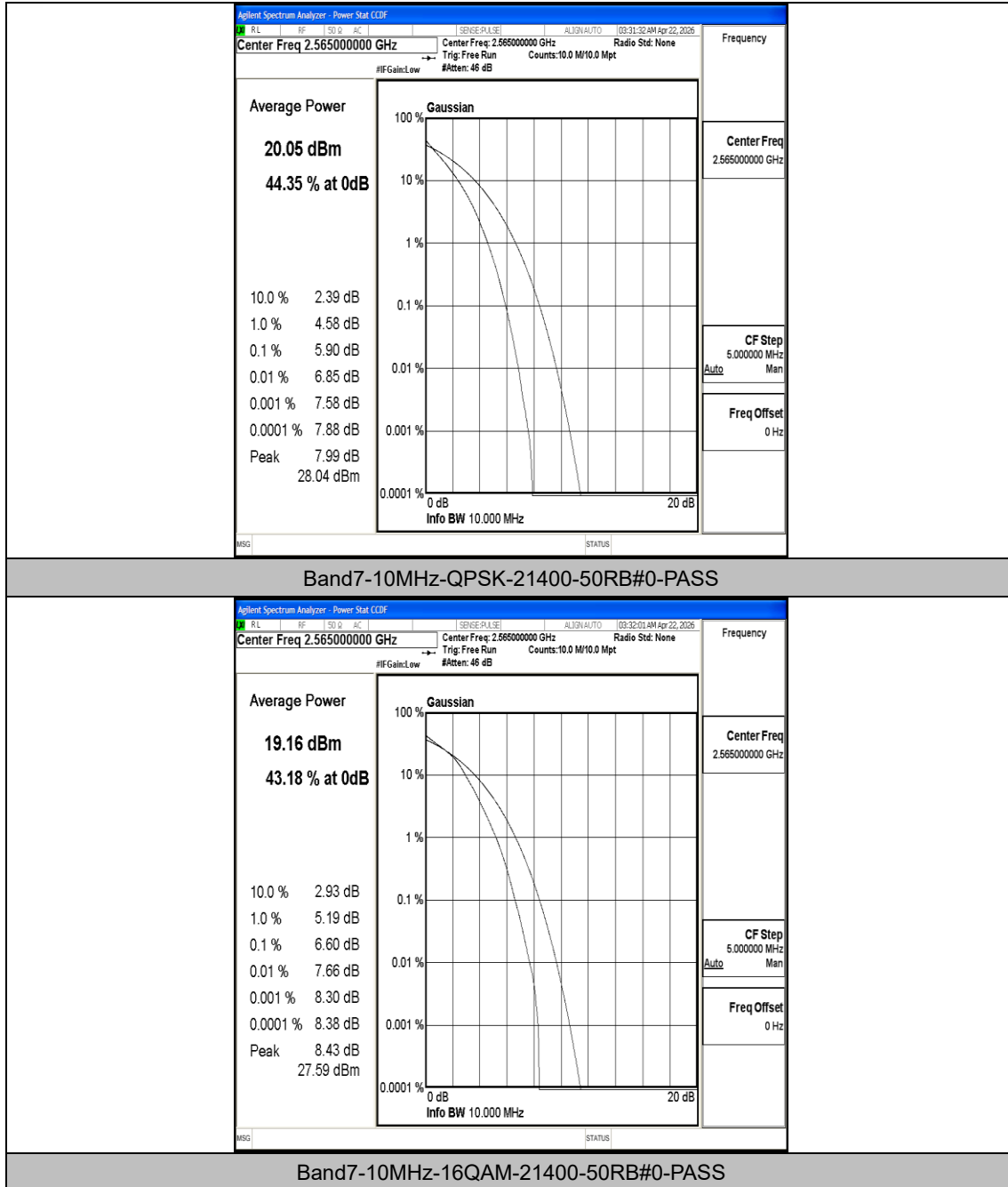


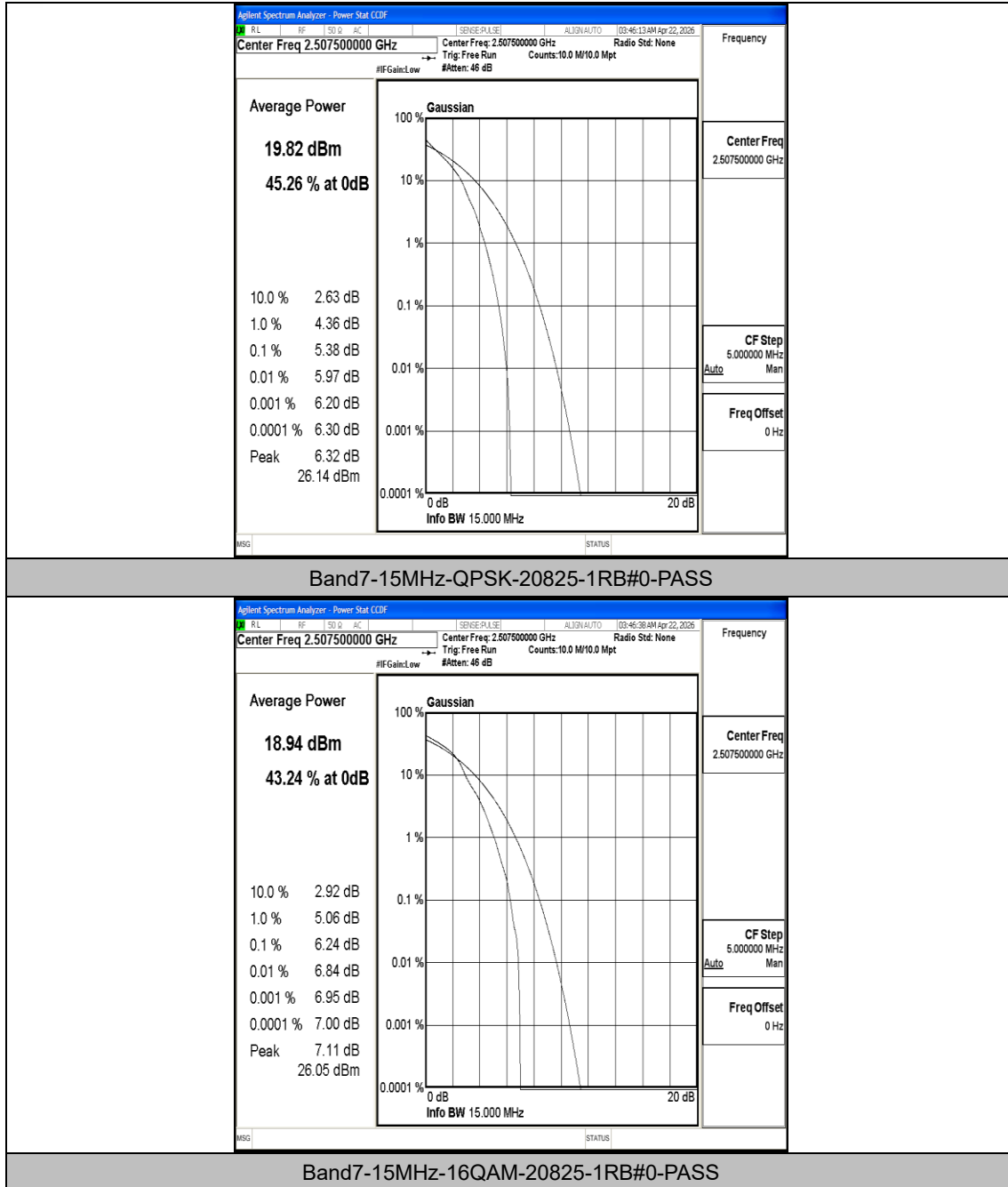


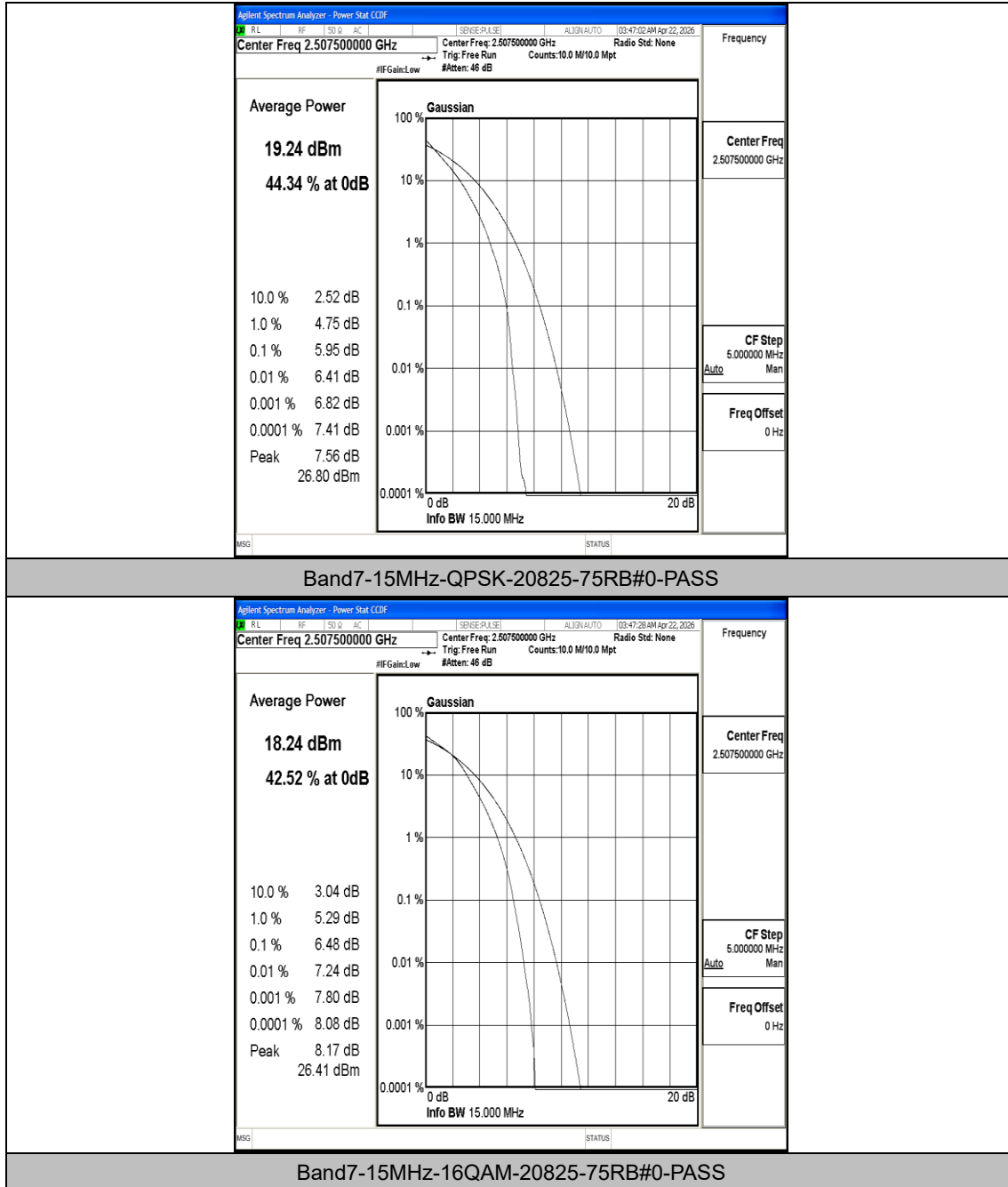


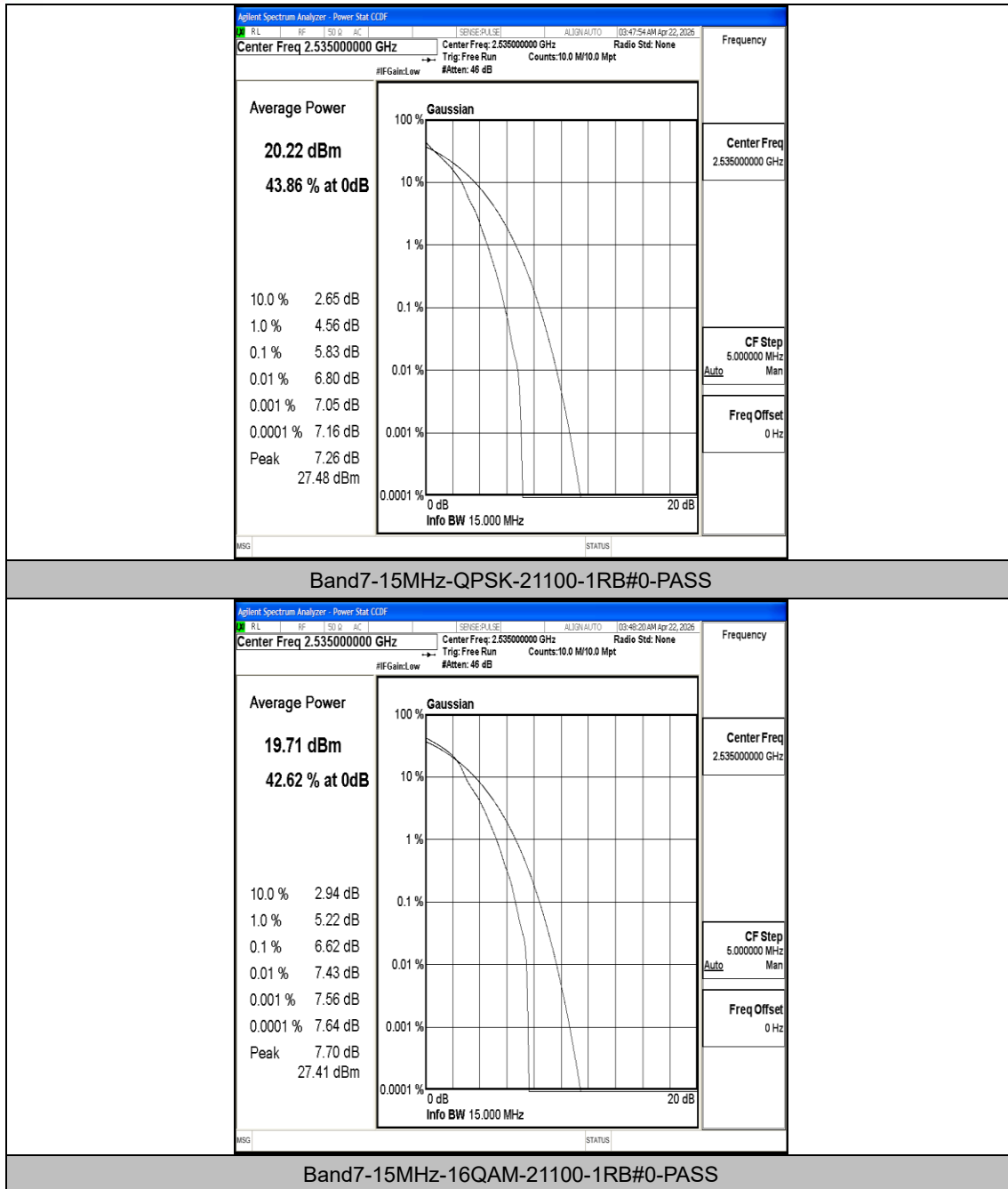


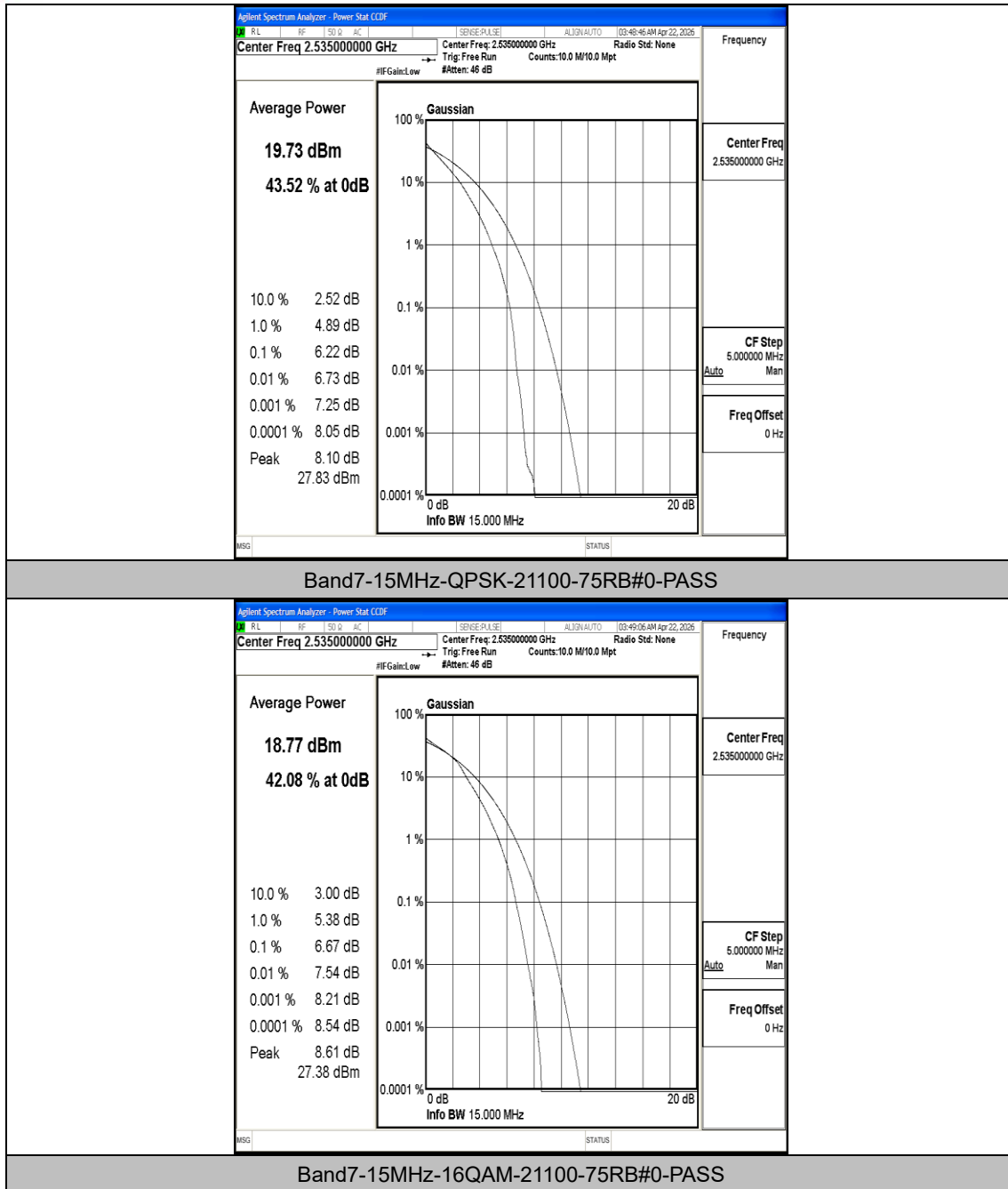


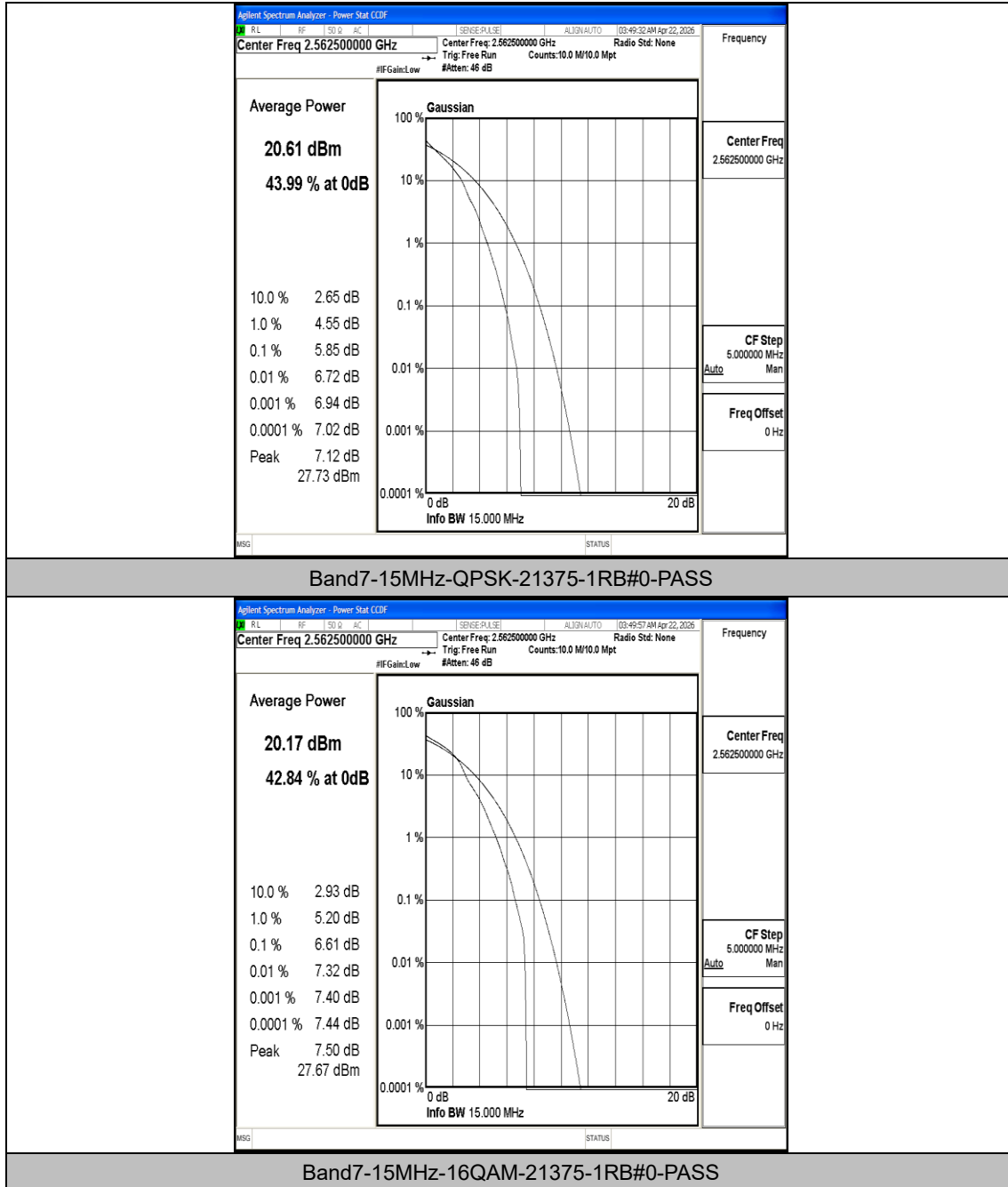


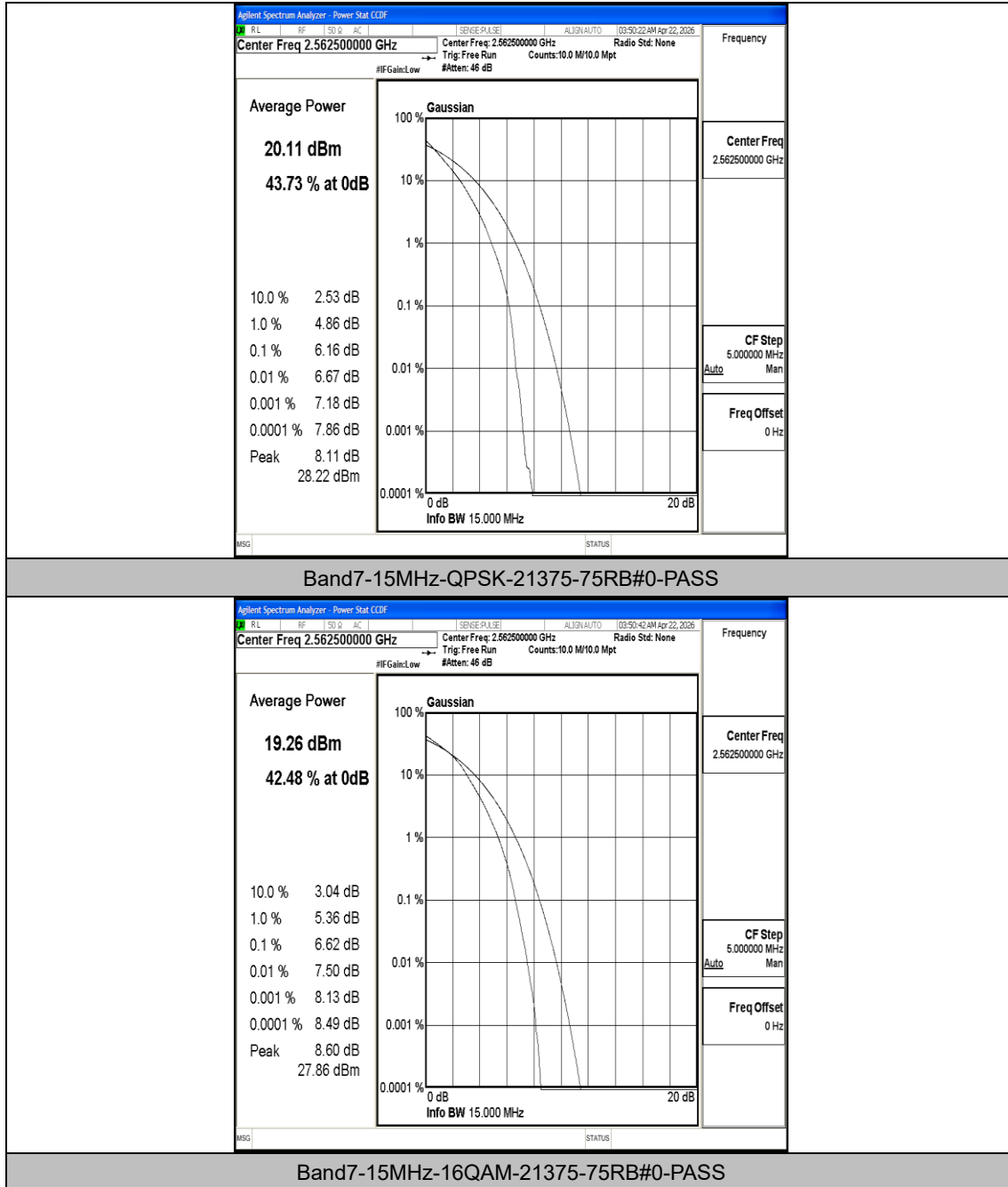


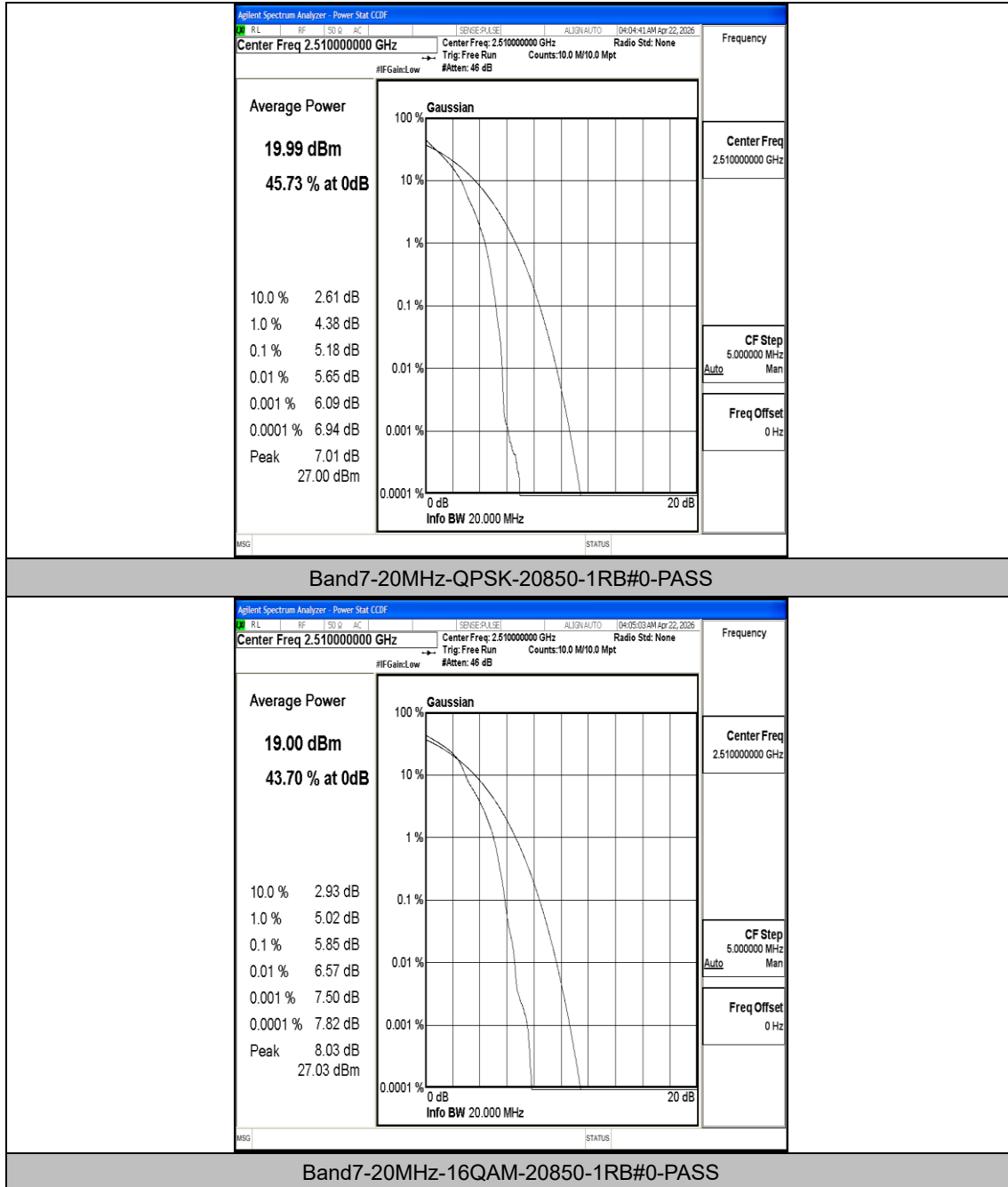


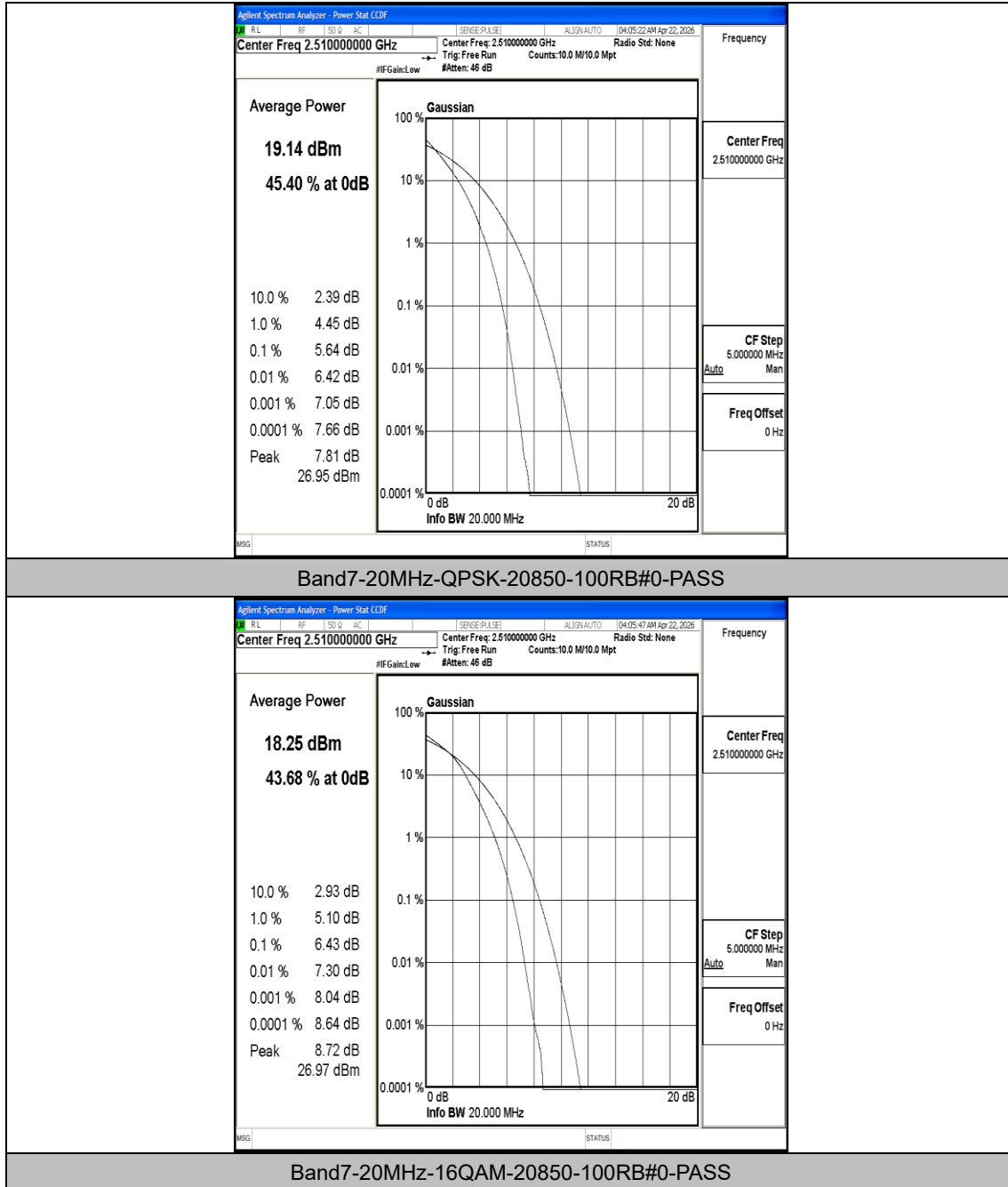


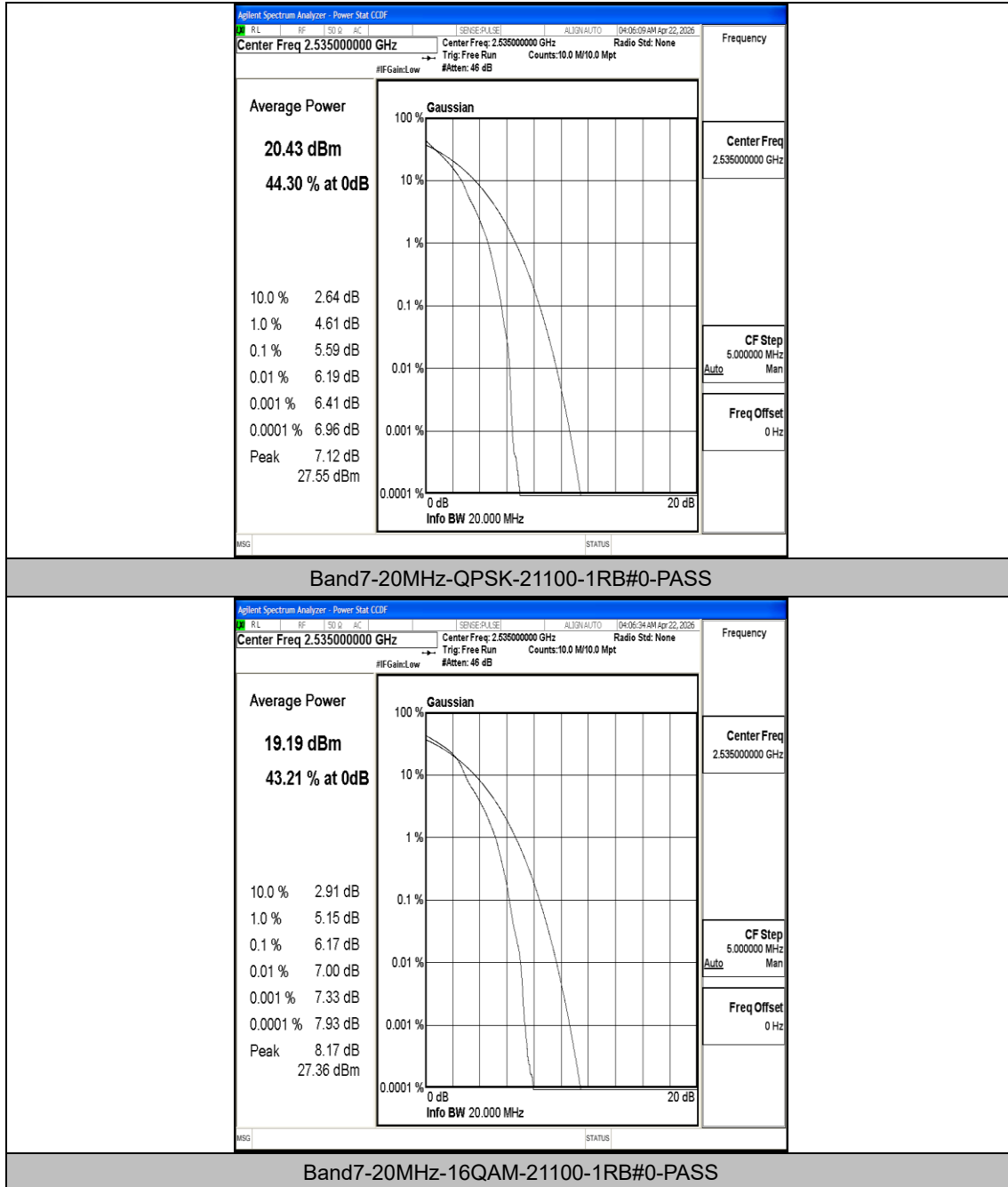


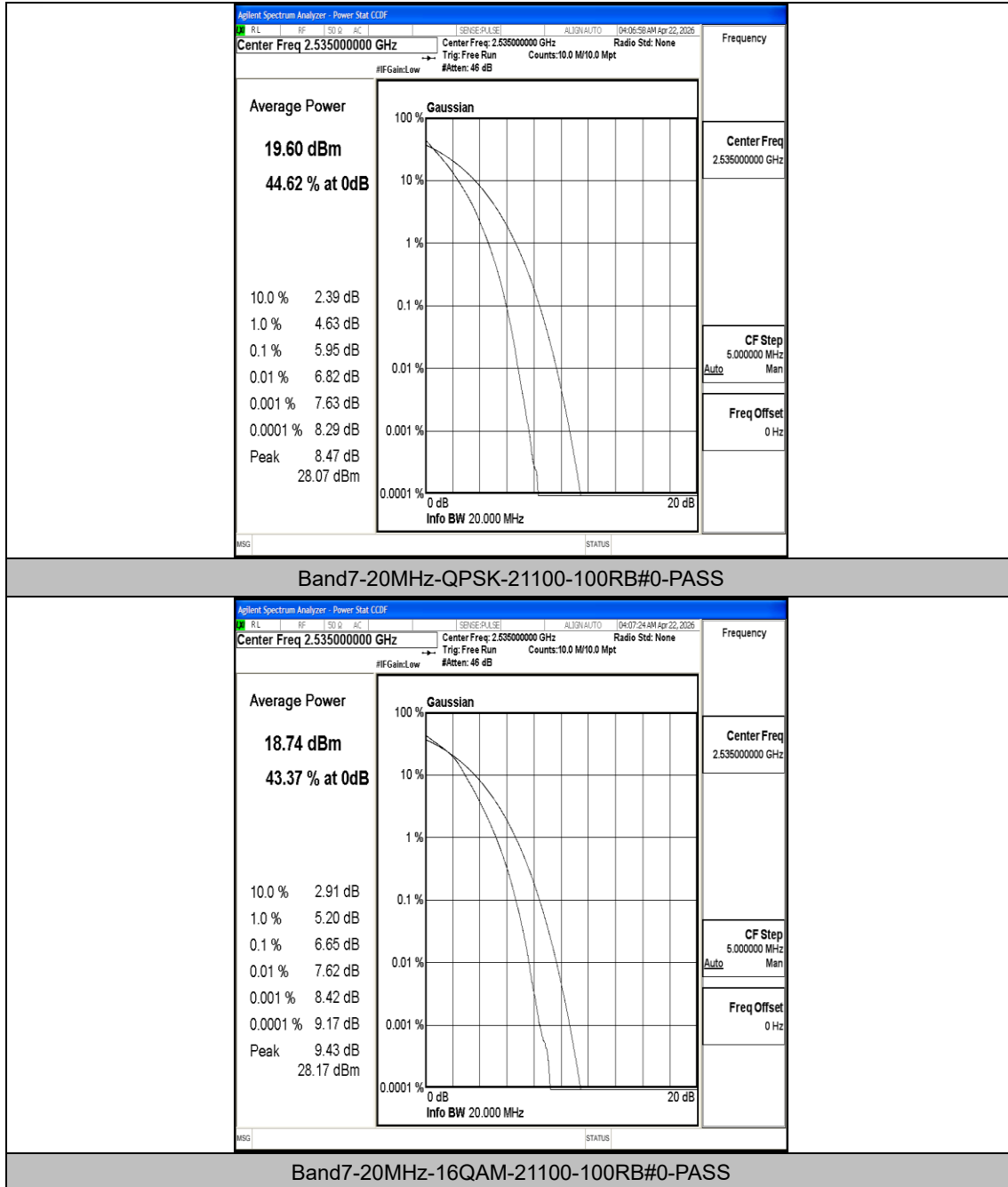


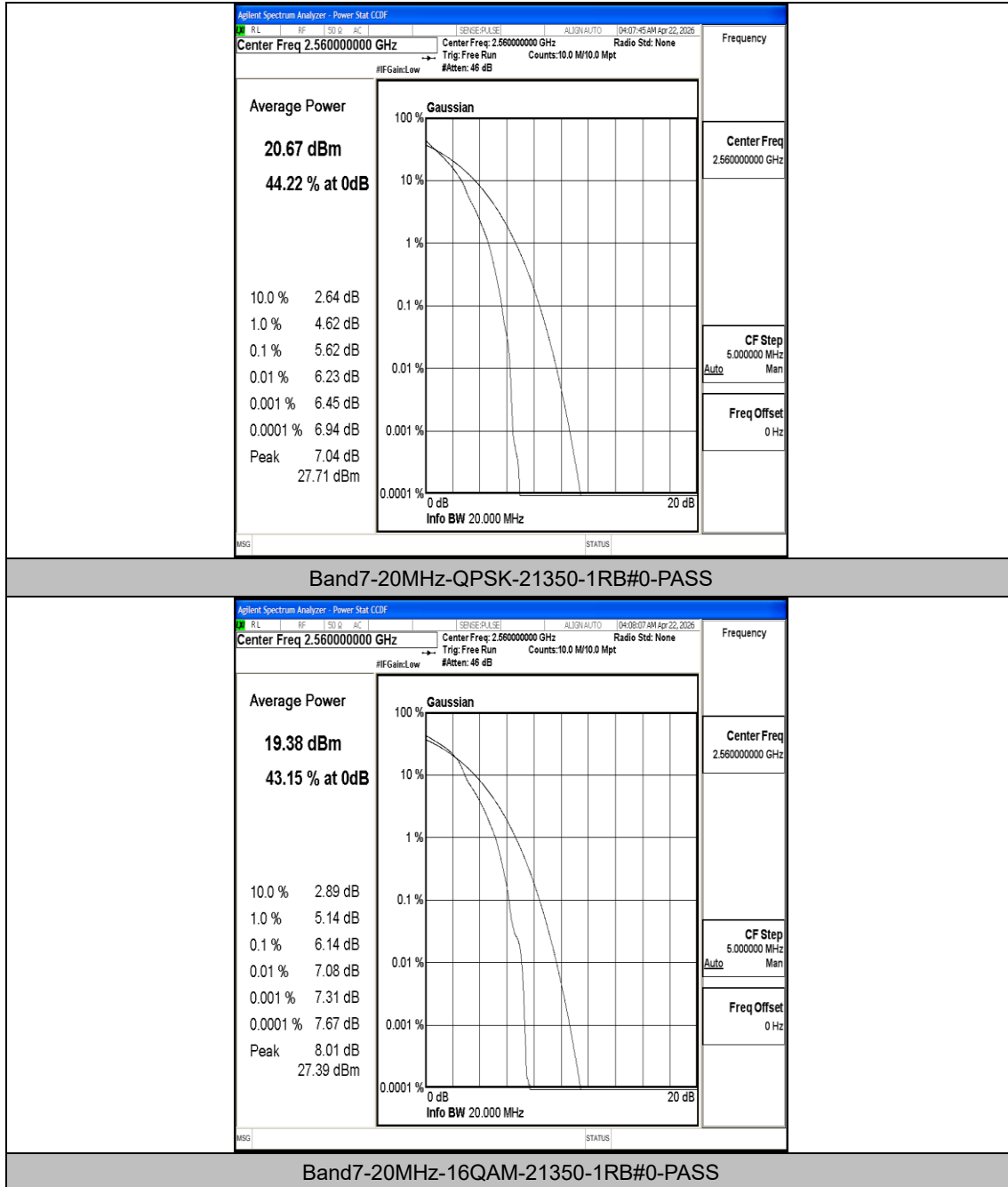


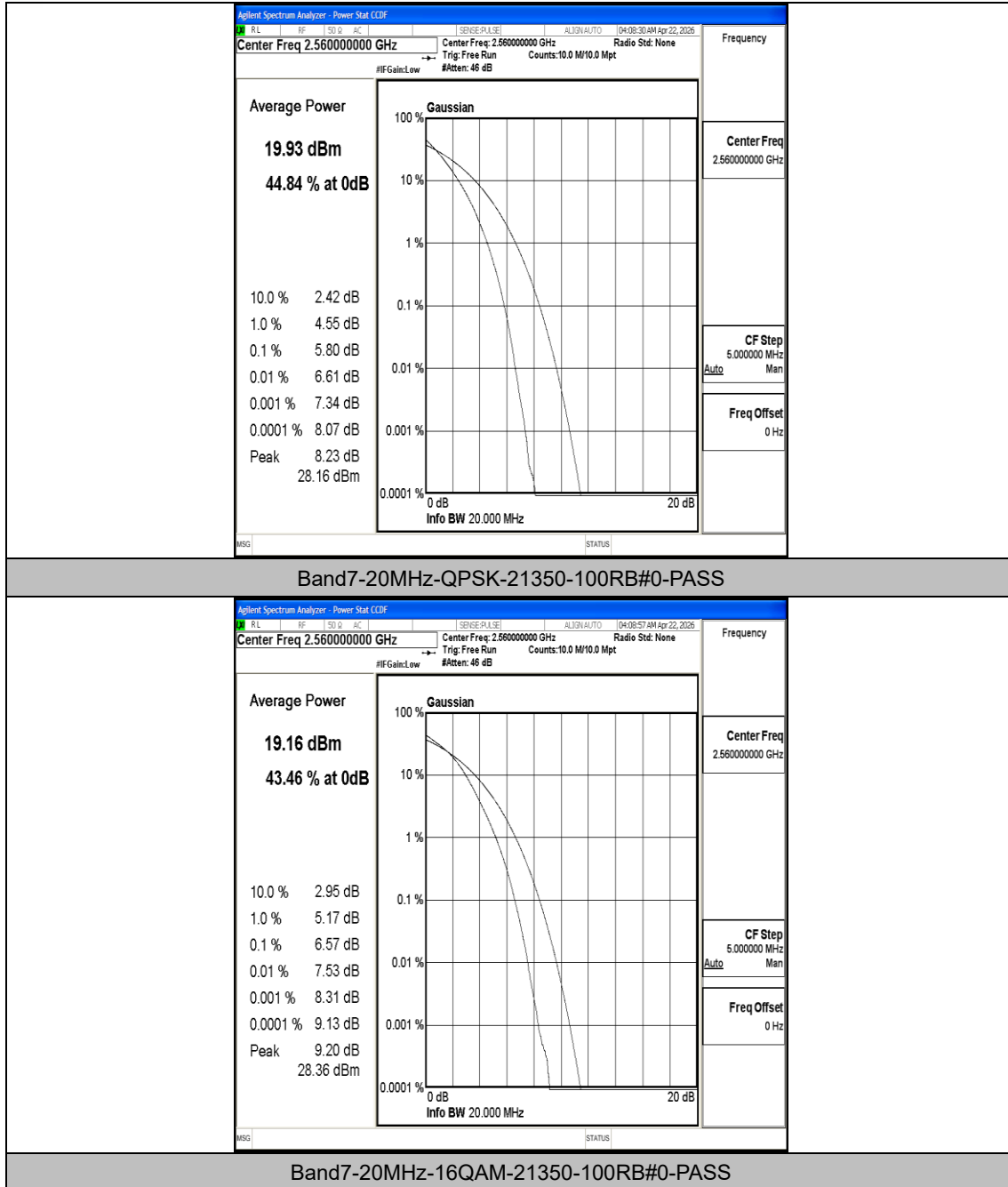










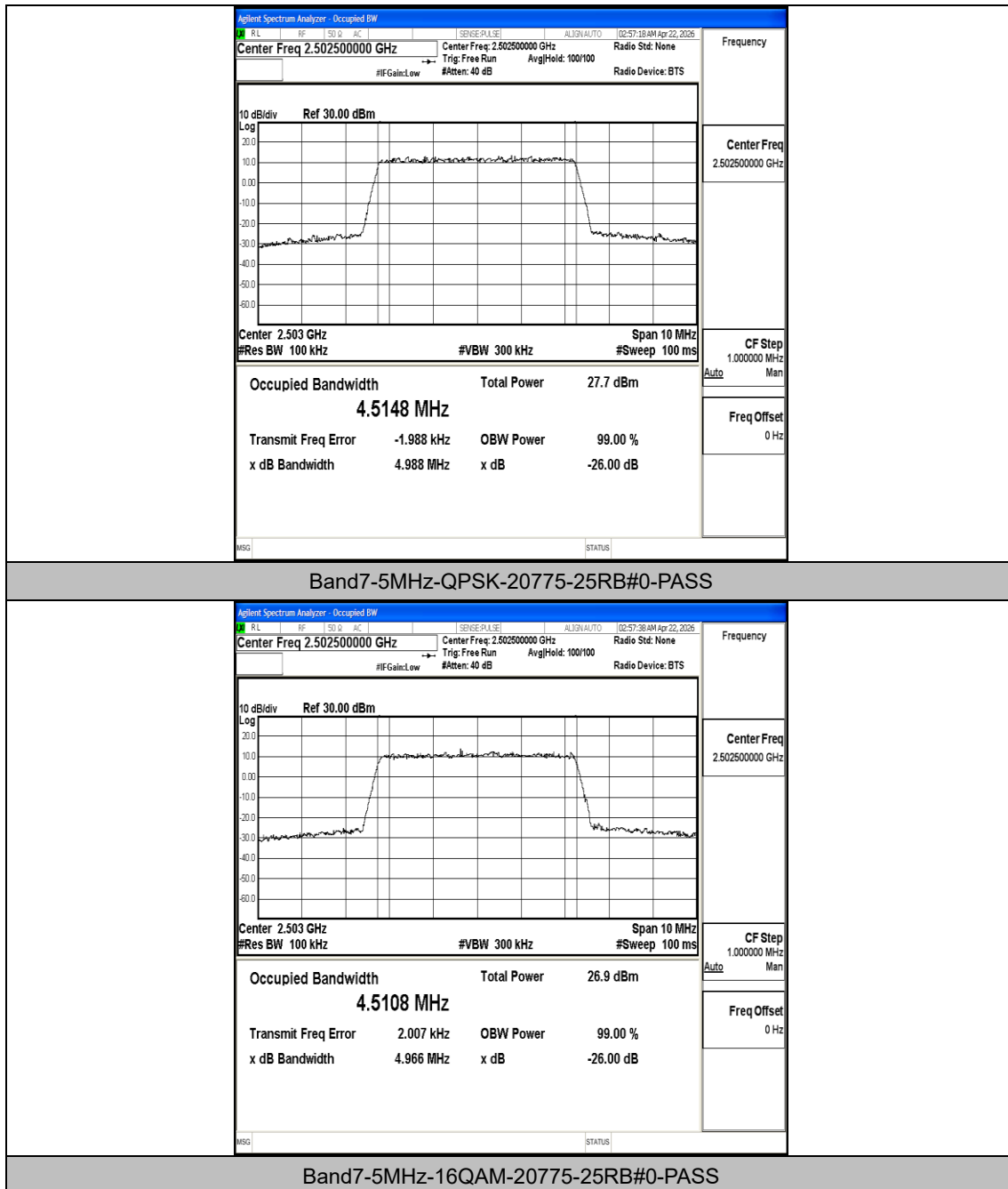


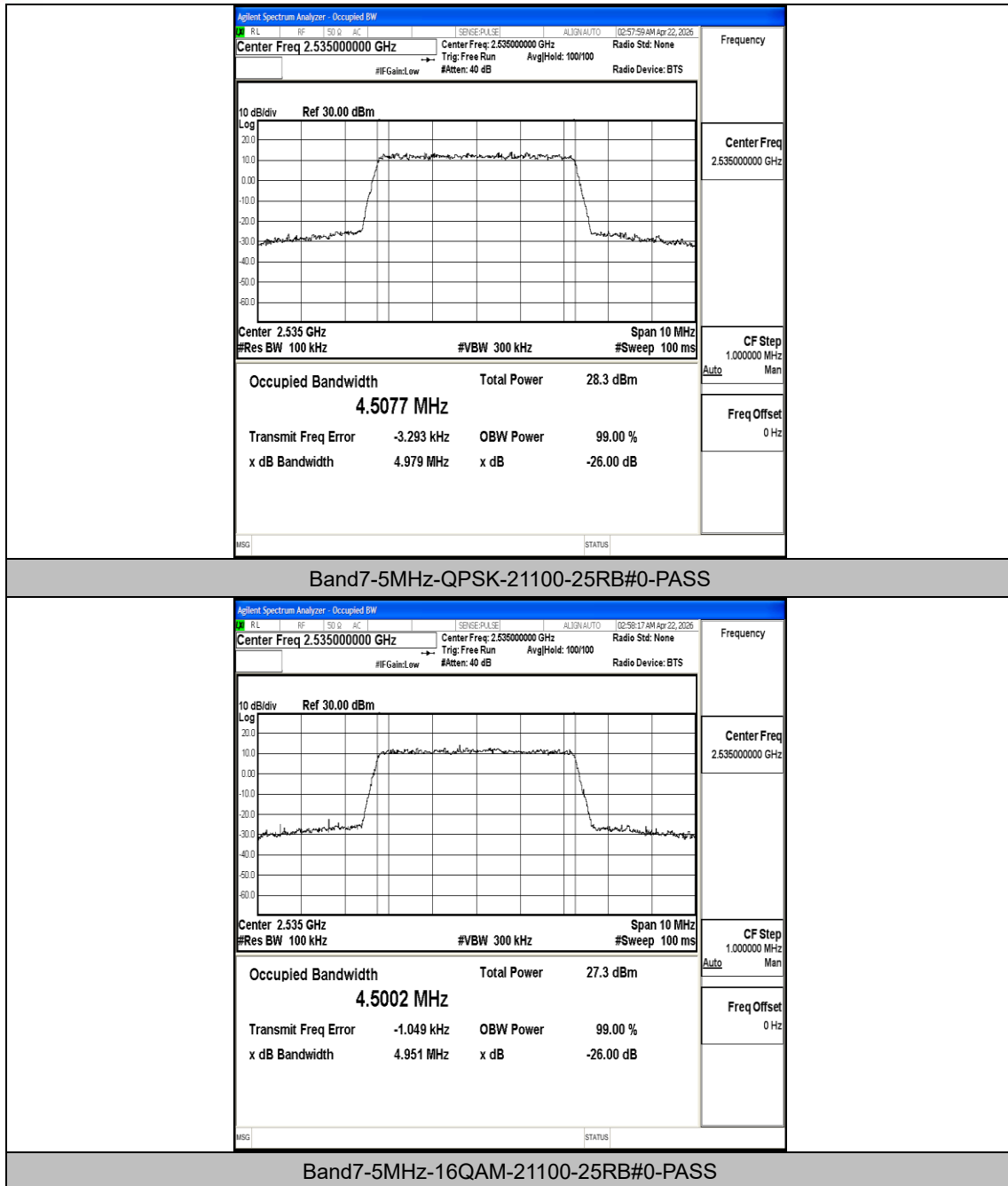
2 26dB Bandwidth and Occupied Bandwidth

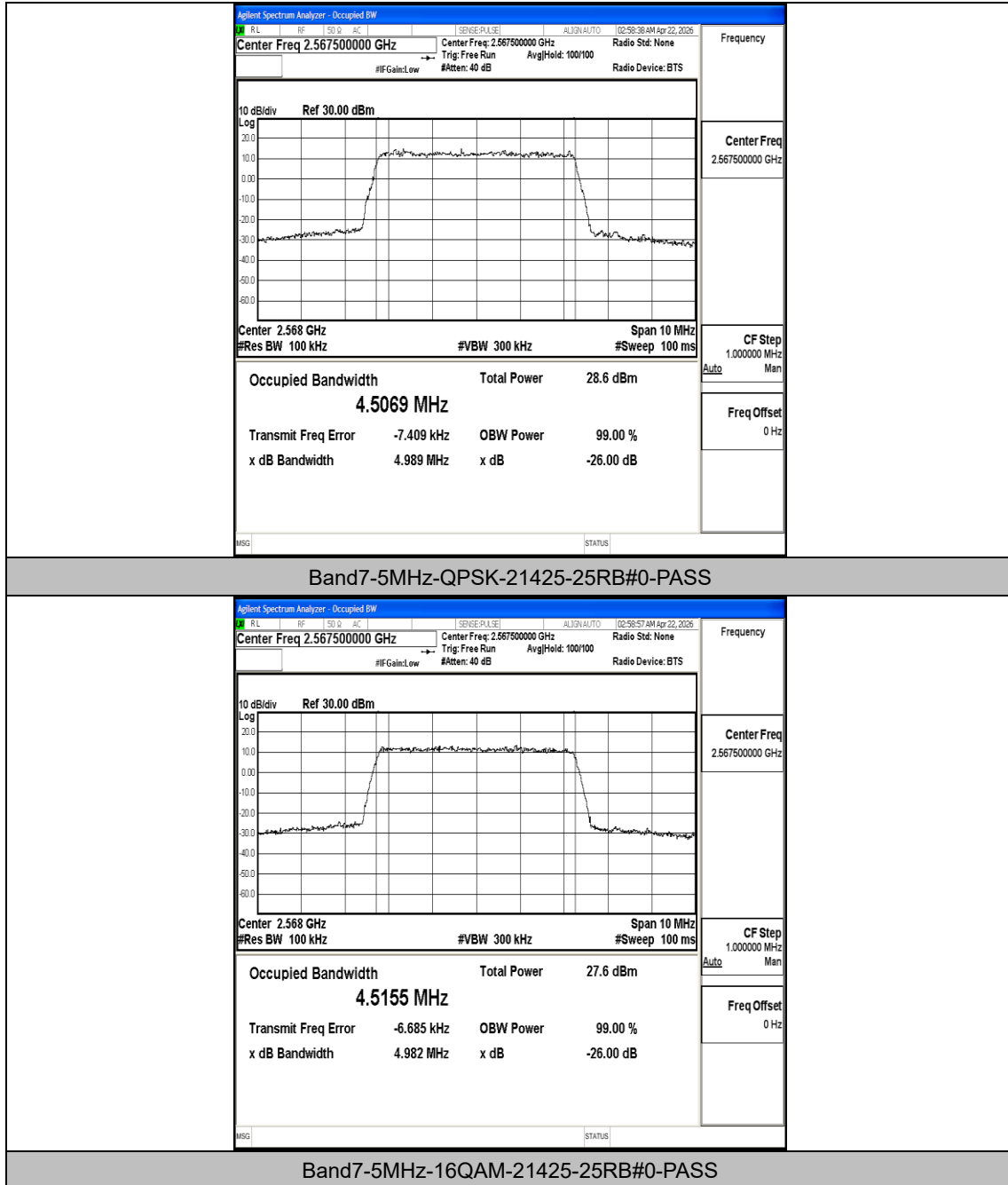
Test Result

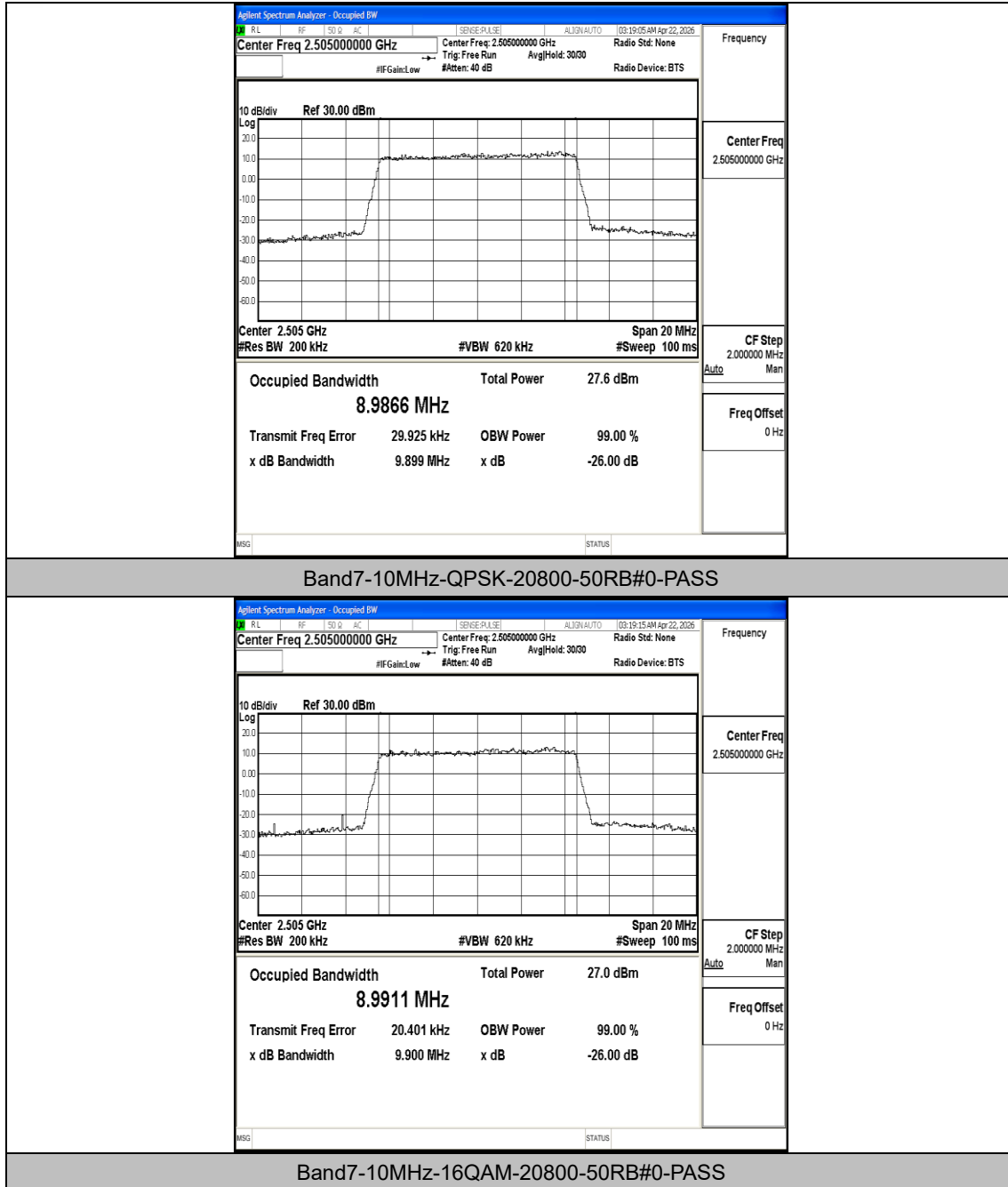
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5148	4.988	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5108	4.966	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5077	4.979	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5002	4.951	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5069	4.989	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5155	4.982	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9866	9.899	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9911	9.900	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9895	9.927	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9870	9.887	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9956	9.934	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9991	9.918	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.491	14.88	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.469	14.94	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.502	14.95	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.514	14.83	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.430	14.90	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.496	14.90	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.946	19.71	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.945	19.59	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.001	19.75	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.061	19.66	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.983	19.75	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.962	19.60	PASS

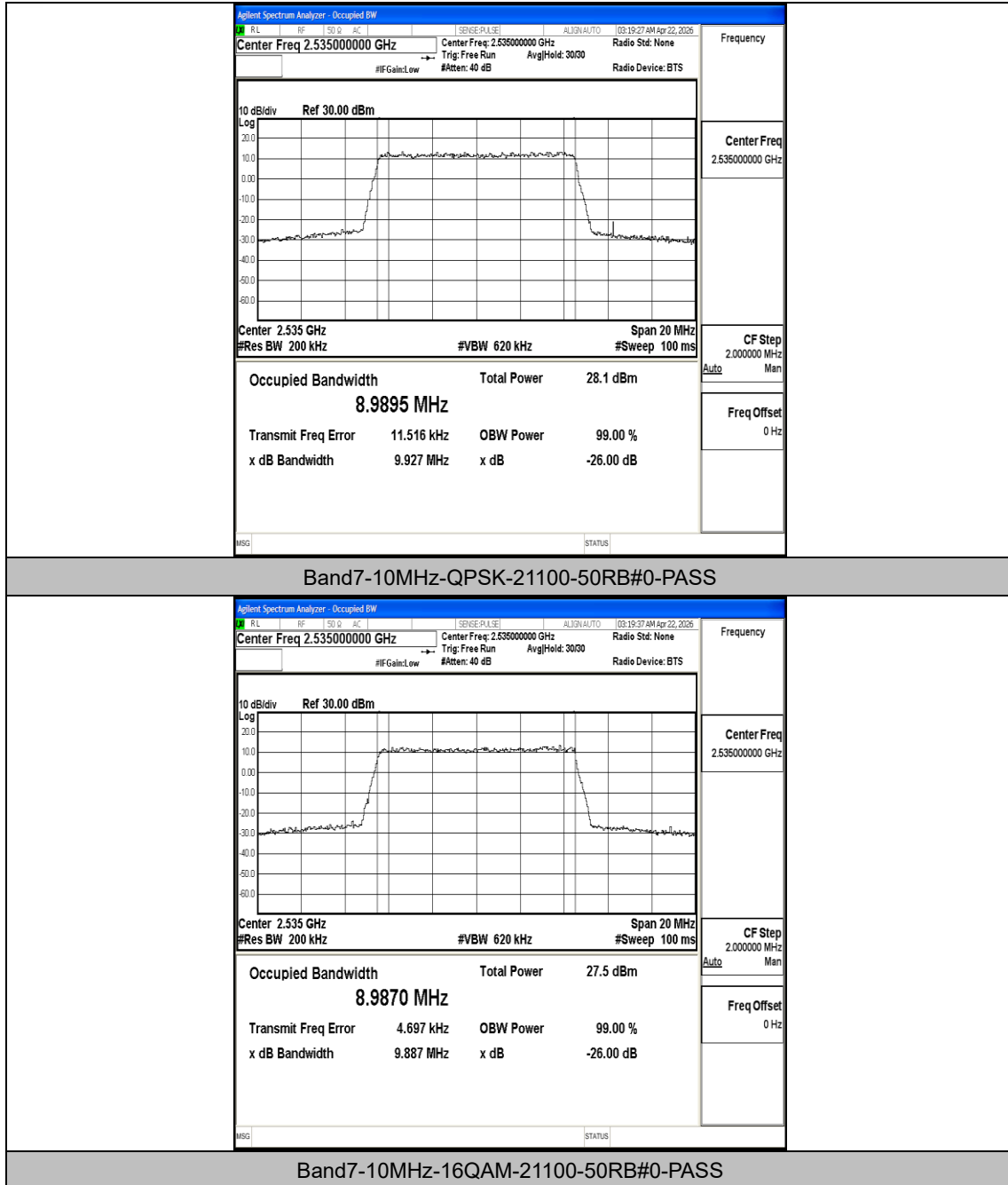
Test Graphs

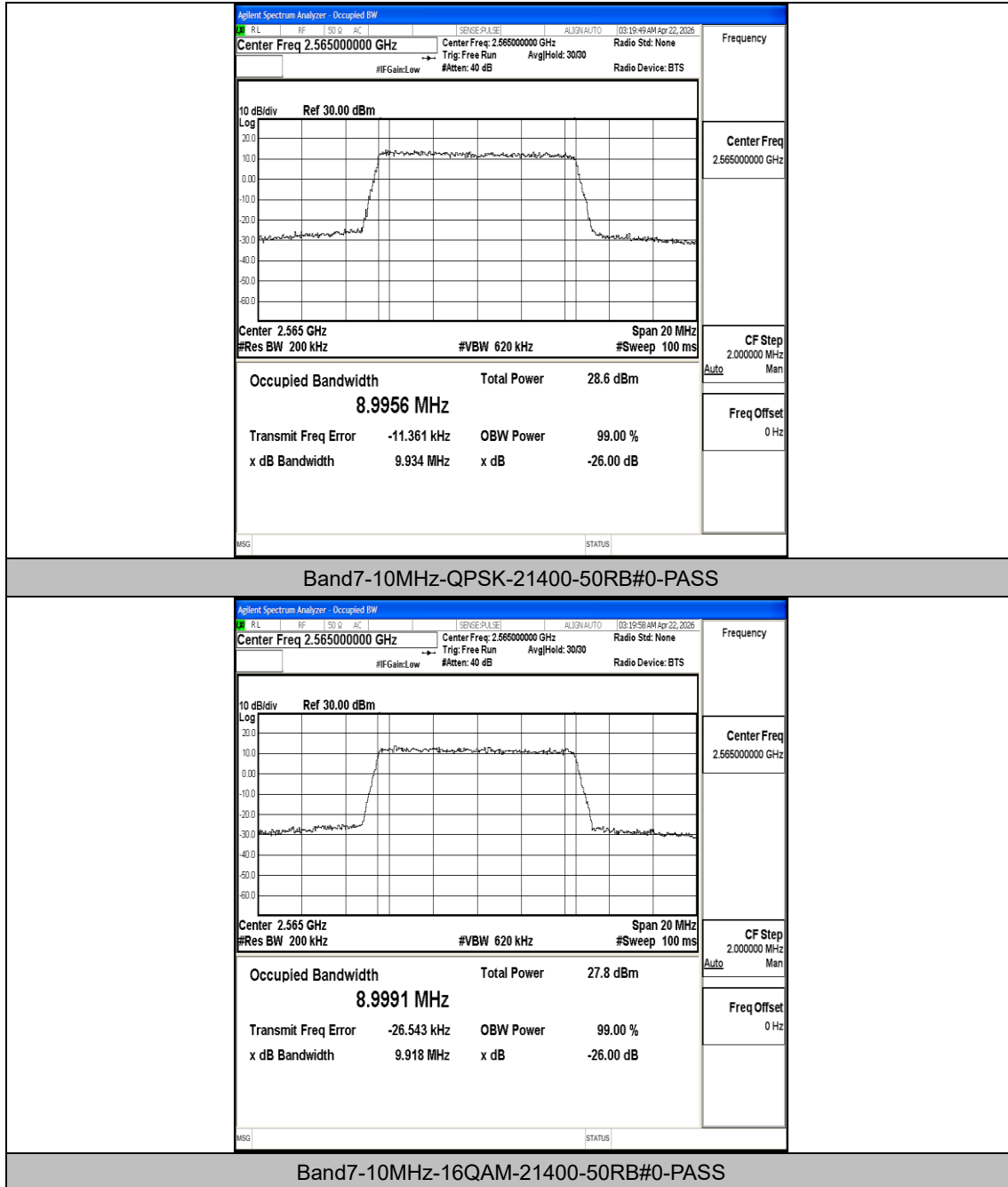


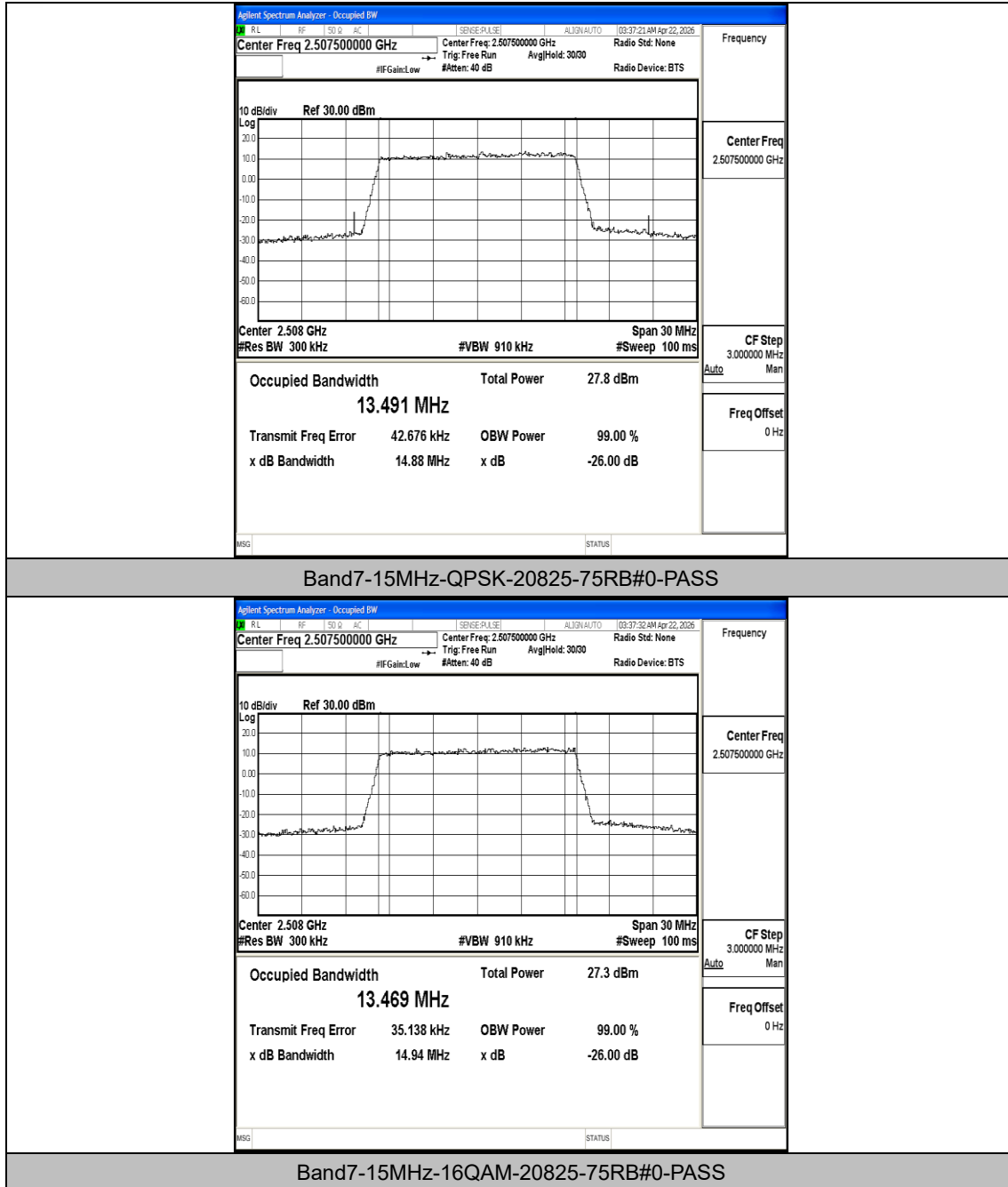


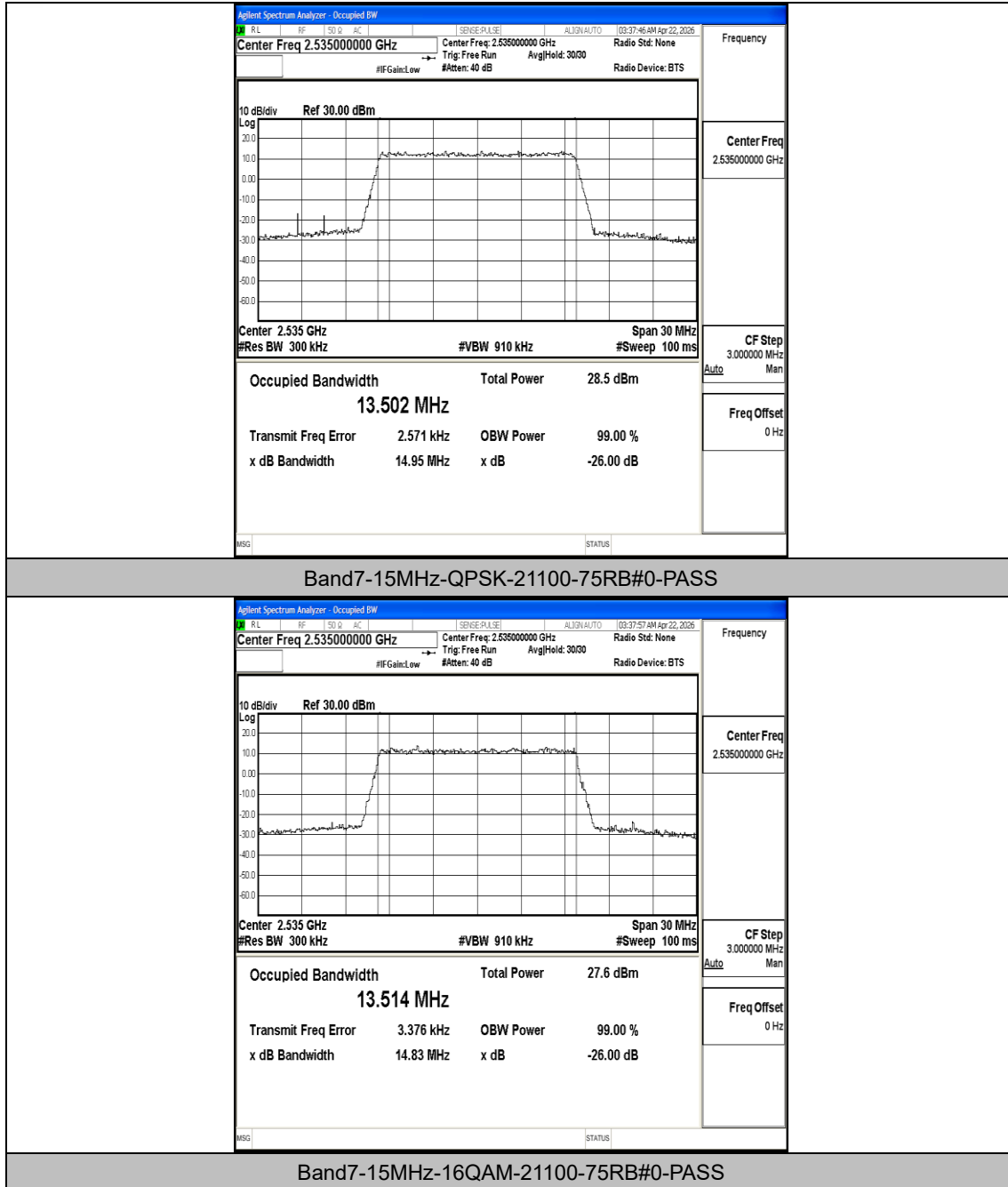


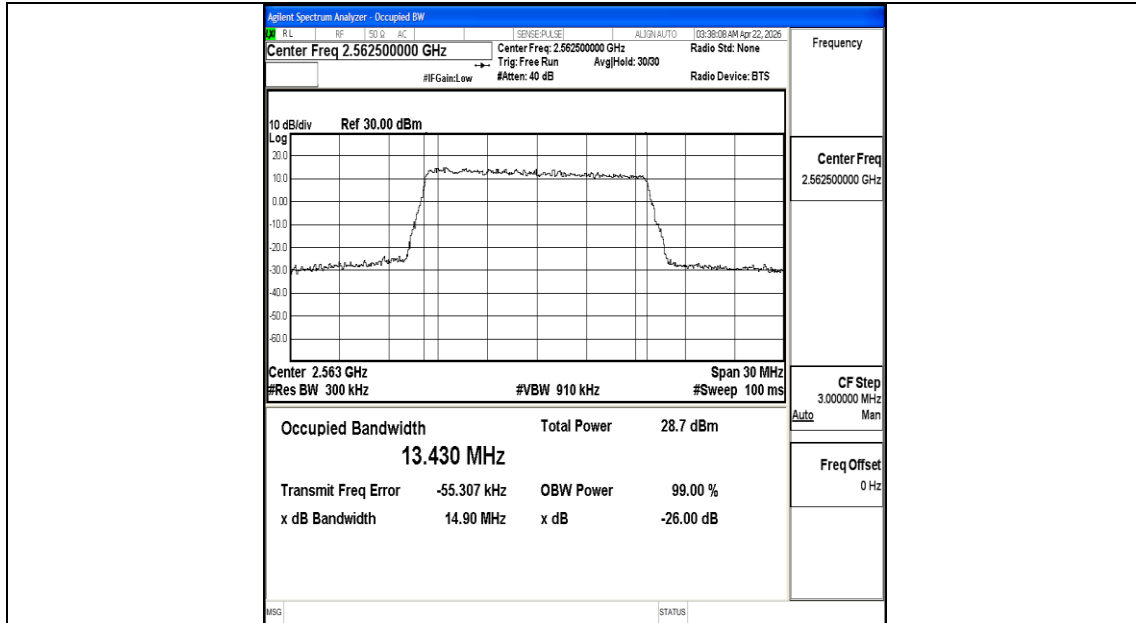




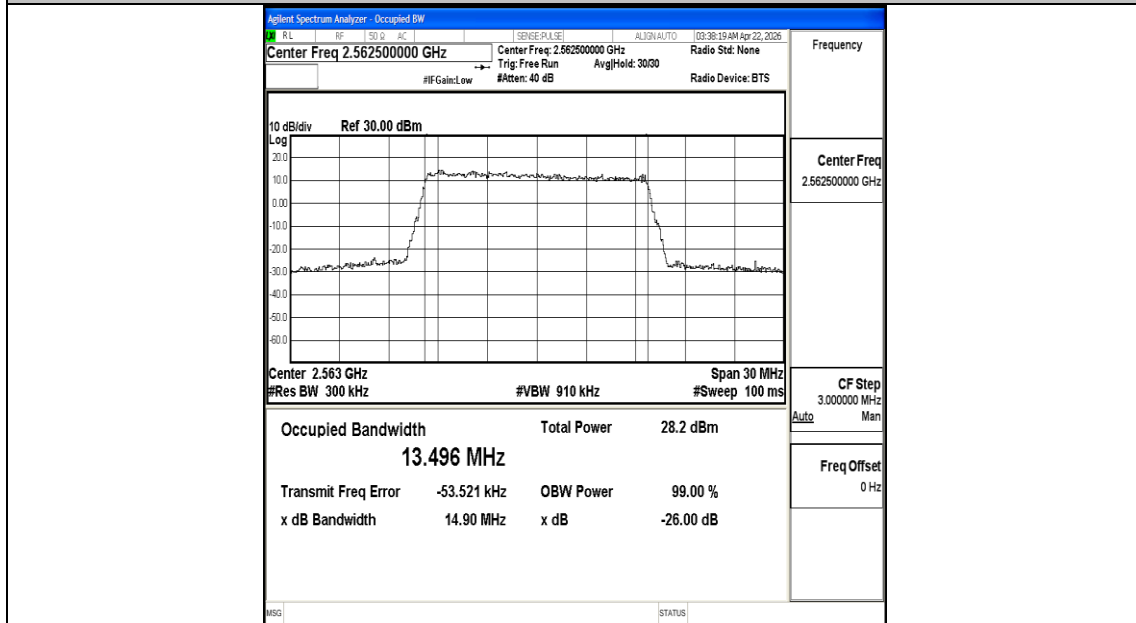




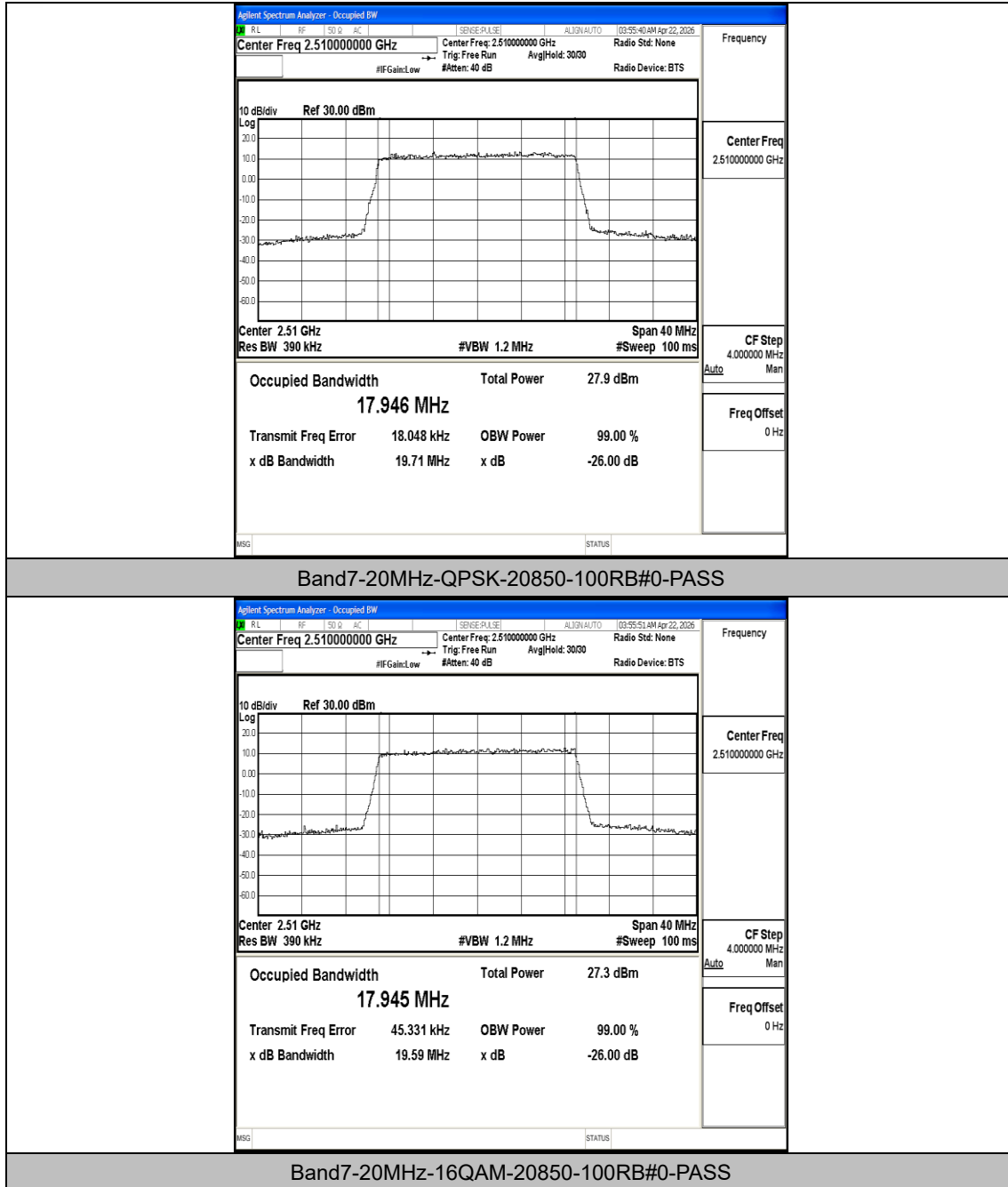


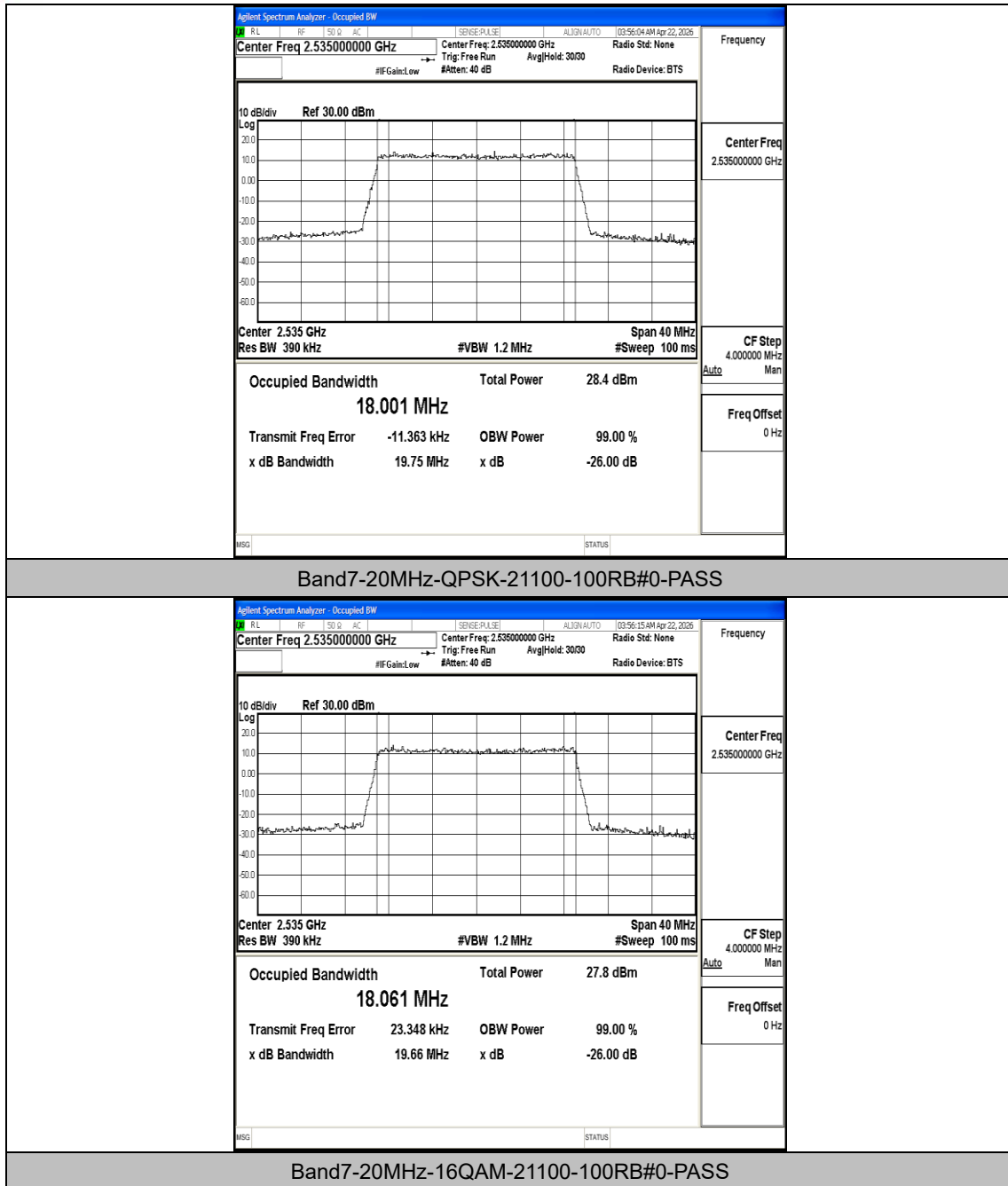


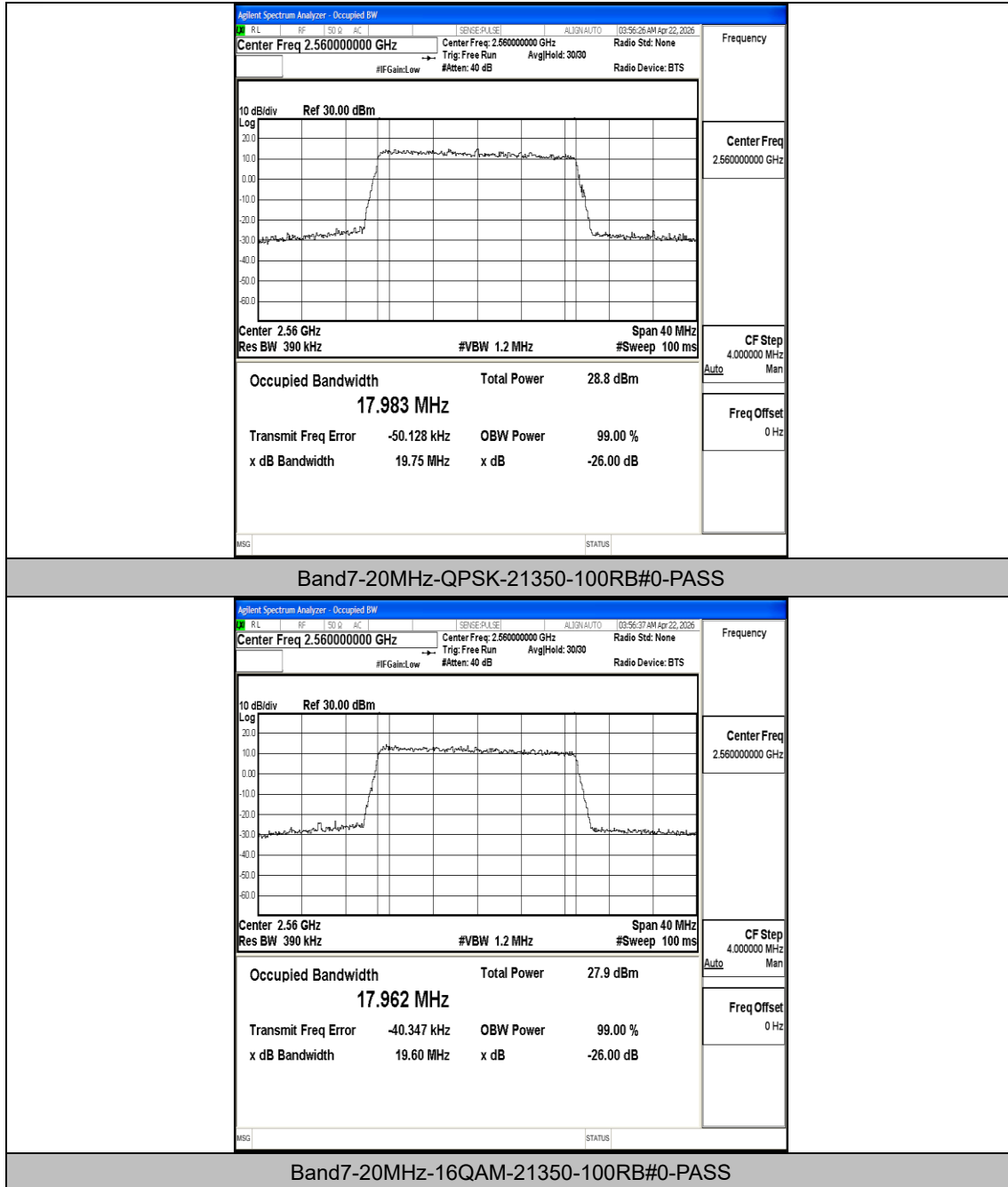
Band7-15MHz-QPSK-21375-75RB#0-PASS



Band7-15MHz-16QAM-21375-75RB#0-PASS





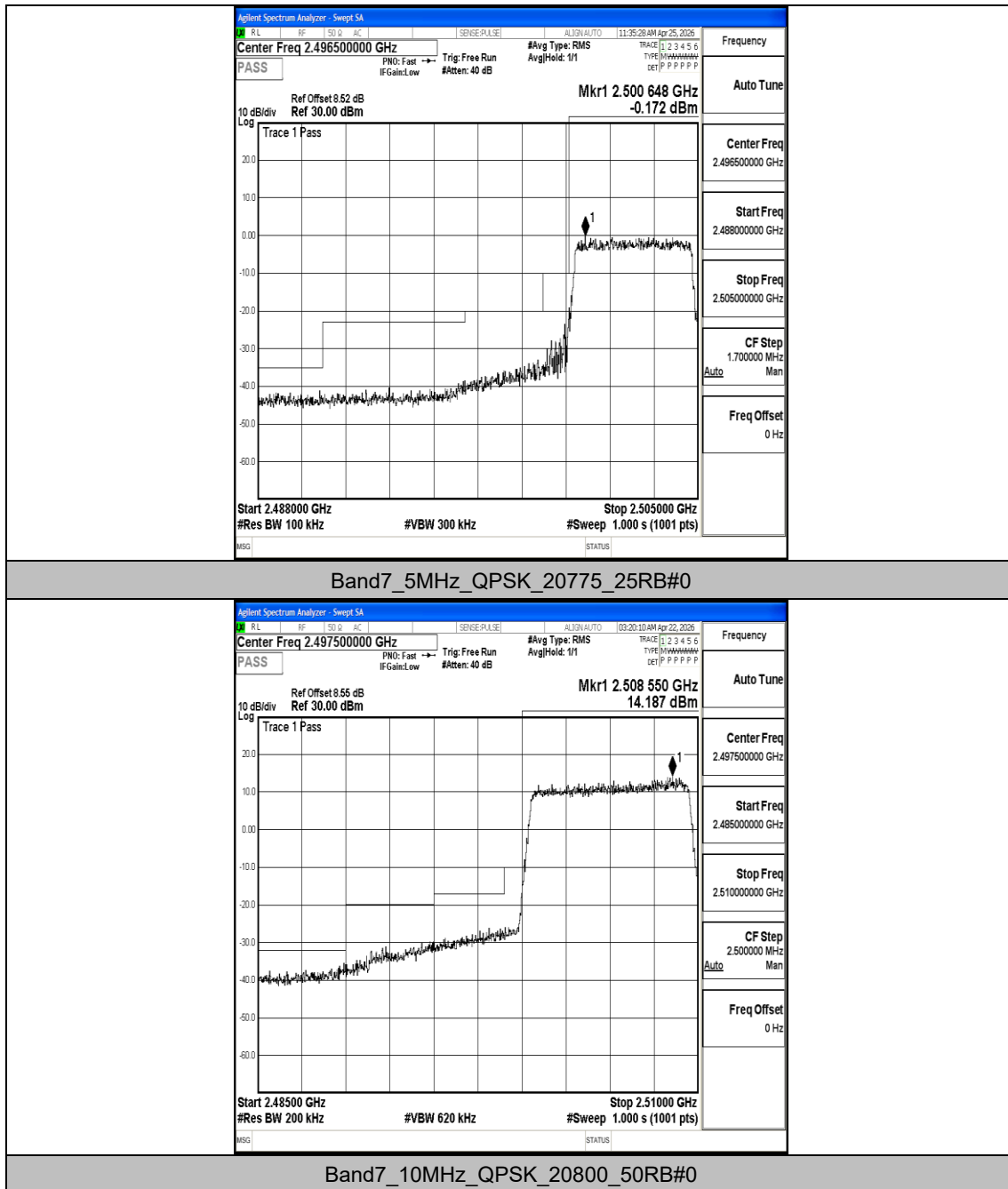


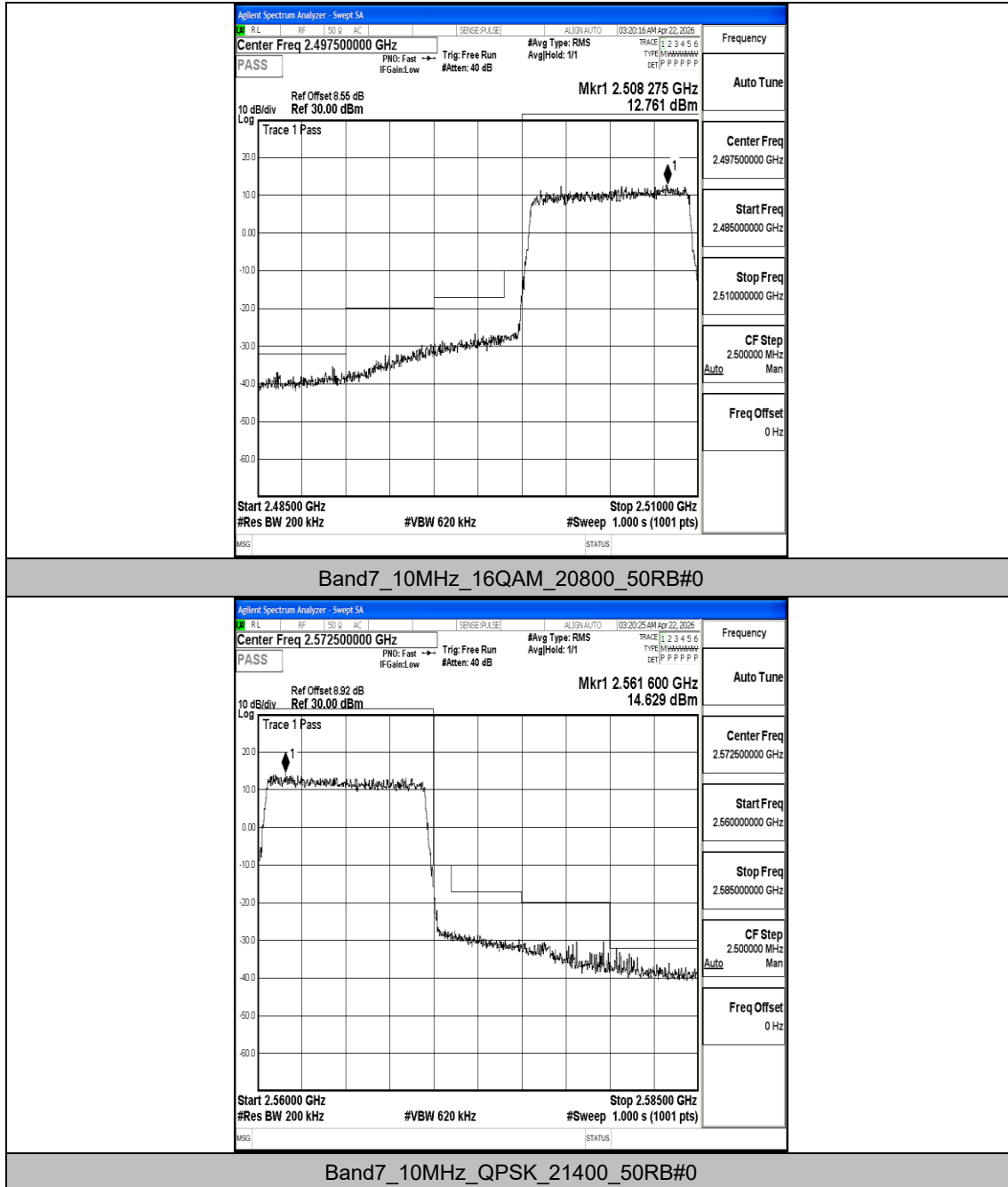
3 Band Edge

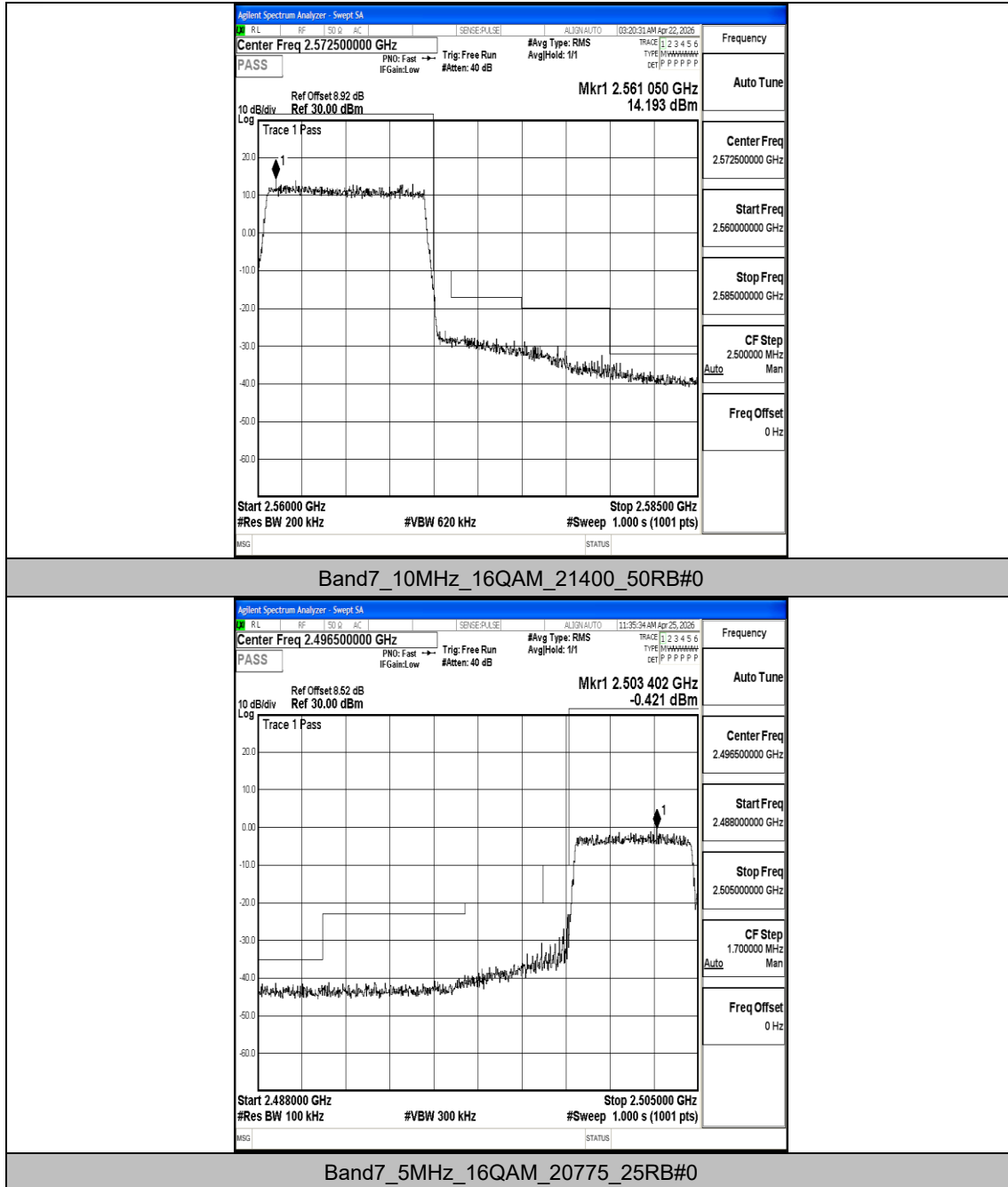
Test Result

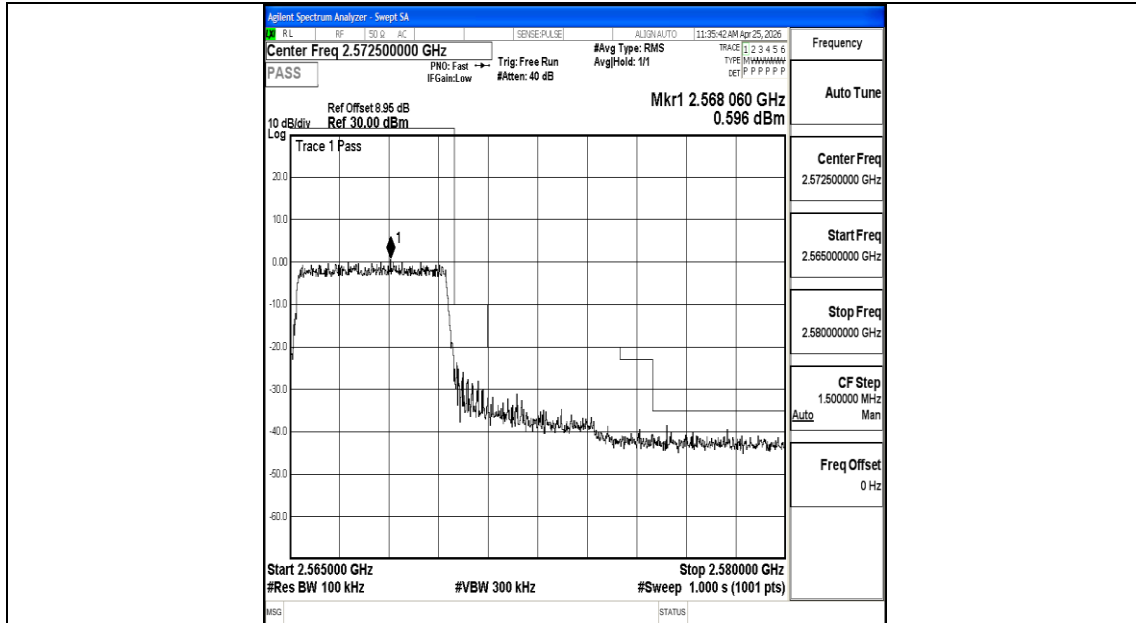
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	2490.40	-41.24	PASS
Band7	10MHz	QPSK	20800	50RB#0	2489.90	-35.51	PASS
Band7	10MHz	16QAM	20800	50RB#0	2489.28	-35.51	PASS
Band7	10MHz	QPSK	21400	50RB#0	2580.38	-32.33	PASS
Band7	10MHz	16QAM	21400	50RB#0	2580.38	-34.42	PASS
Band7	5MHz	16QAM	20775	25RB#0	2488.70	-41.32	PASS
Band7	5MHz	QPSK	21425	25RB#0	2576.42	-38.58	PASS
Band7	5MHz	16QAM	21425	25RB#0	2576.16	-39.61	PASS
Band7	15MHz	QPSK	20825	75RB#0	2483.61	-36.02	PASS
Band7	15MHz	16QAM	20825	75RB#0	2484.45	-35.99	PASS
Band7	15MHz	QPSK	21375	75RB#0	2570.02	-14.21	PASS
Band7	15MHz	16QAM	21375	75RB#0	2585.31	-35.48	PASS
Band7	20MHz	QPSK	20850	100RB#0	2477.93	-35.38	PASS
Band7	20MHz	16QAM	20850	100RB#0	2479.68	-34.84	PASS
Band7	20MHz	QPSK	21350	100RB#0	2591.18	-34.41	PASS
Band7	20MHz	16QAM	21350	100RB#0	2576.73	-20.86	PASS

Test Graphs

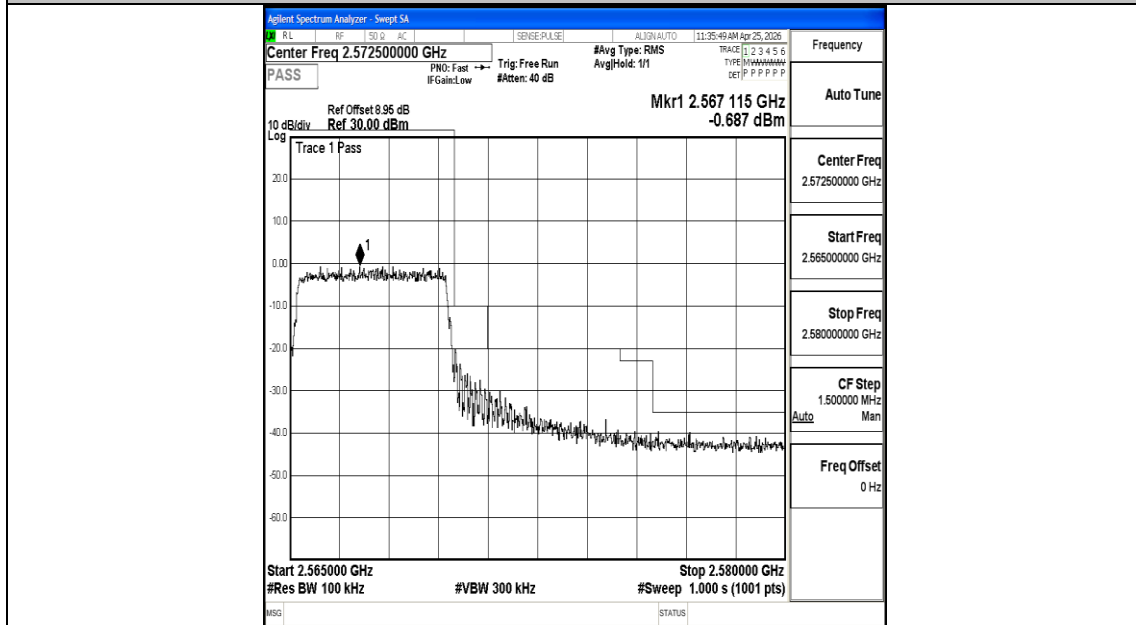




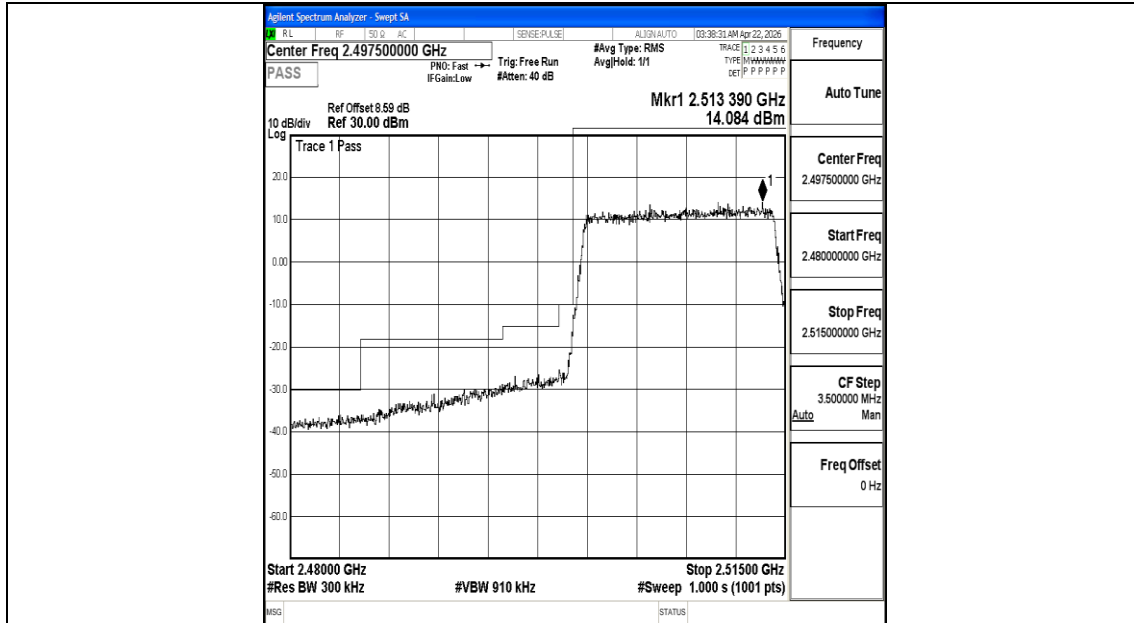




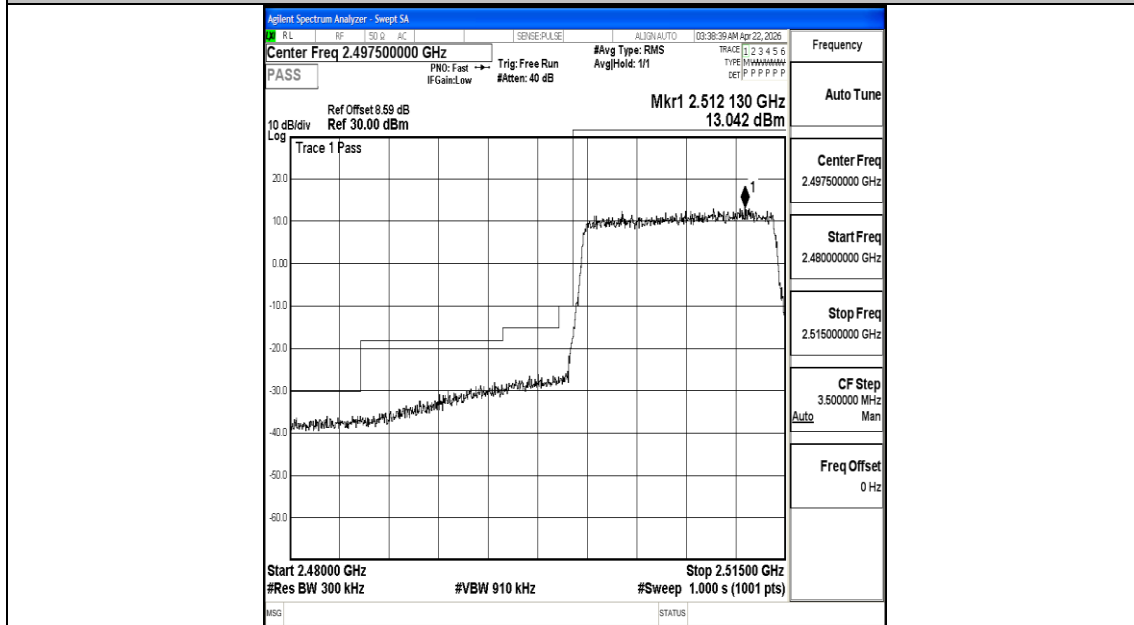
Band7_5MHz_QPSK_21425_25RB#0



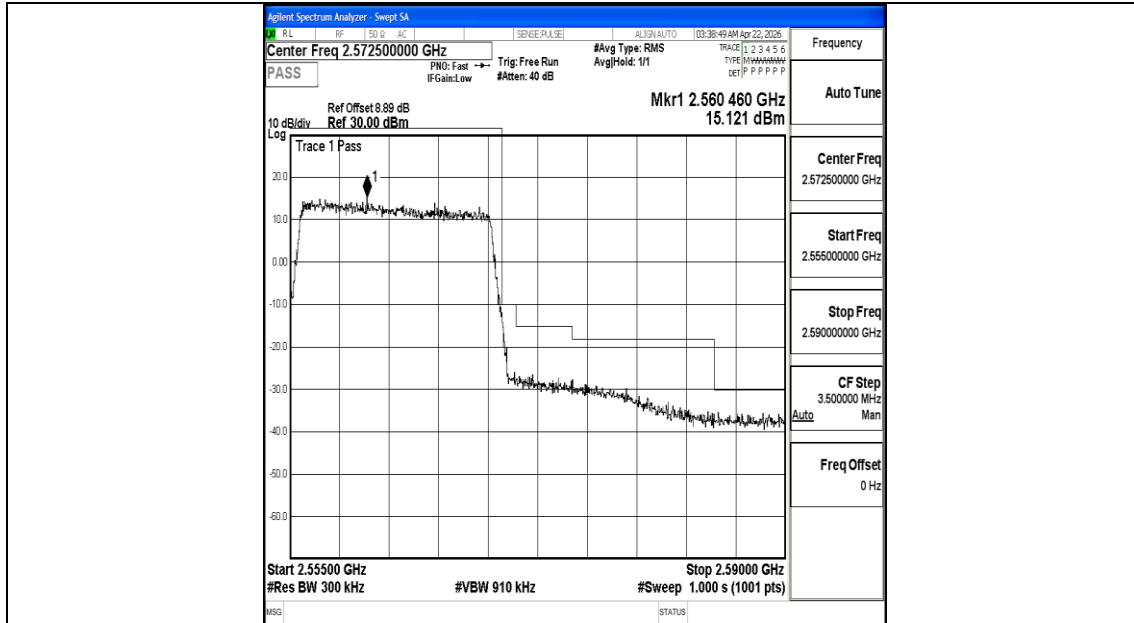
Band7_5MHz_16QAM_21425_25RB#0



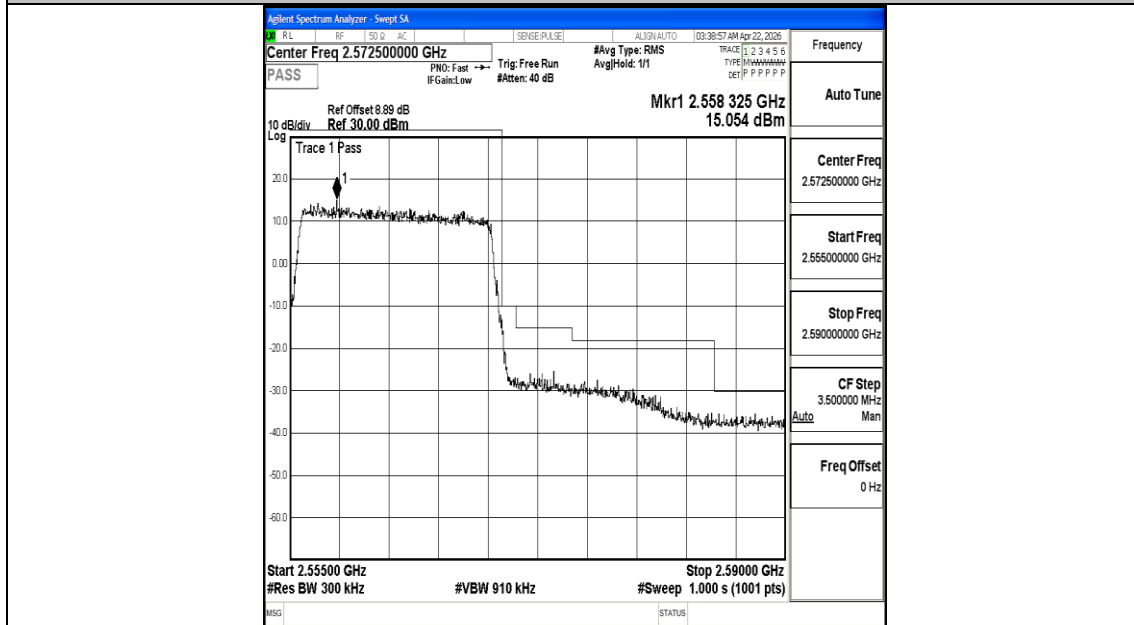
Band7_15MHz_QPSK_20825_75RB#0



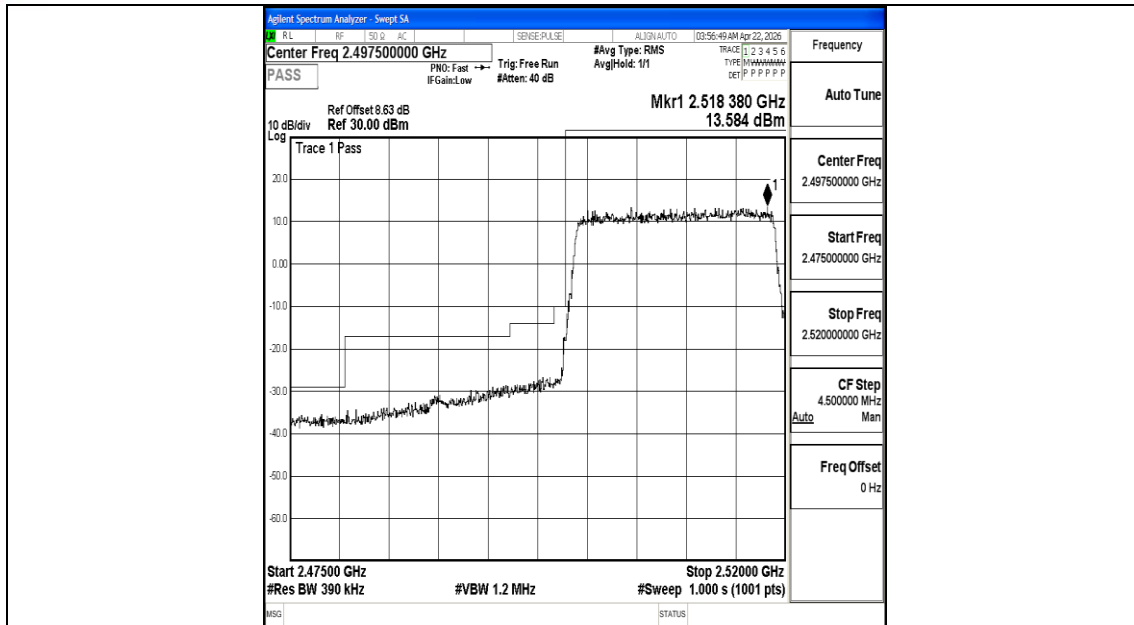
Band7_15MHz_16QAM_20825_75RB#0



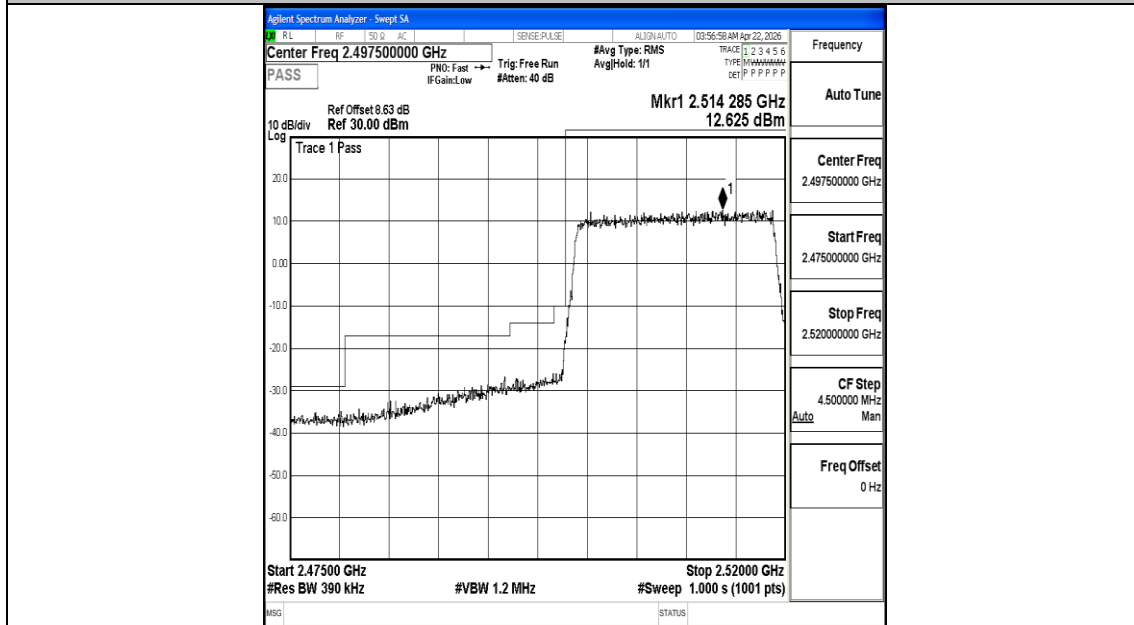
Band7_15MHz_QPSK_21375_75RB#0



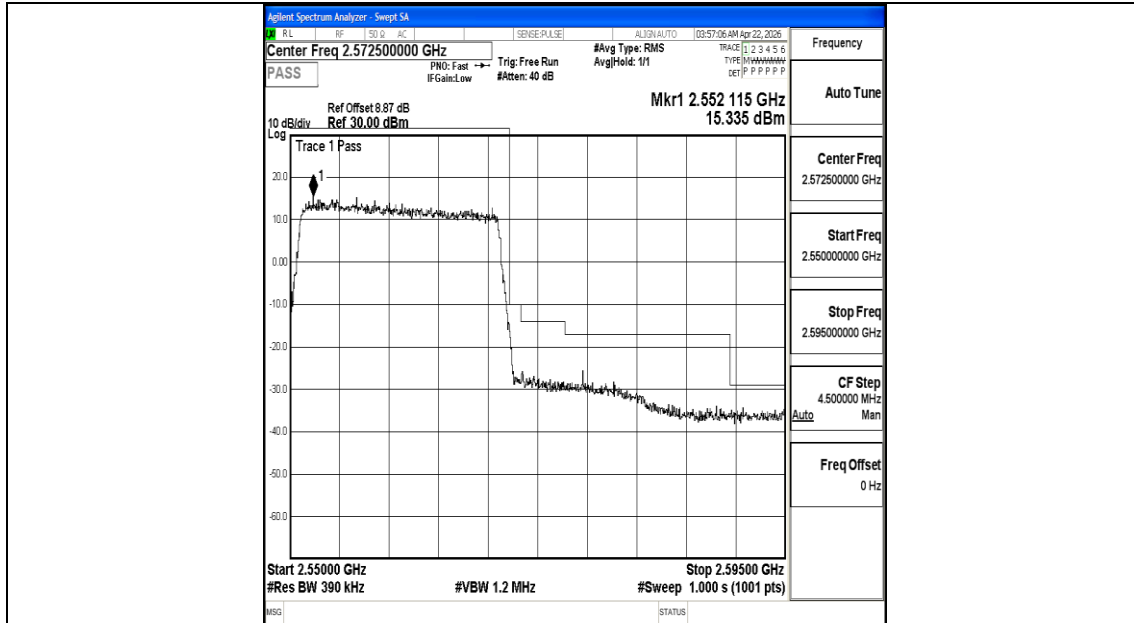
Band7_15MHz_16QAM_21375_75RB#0



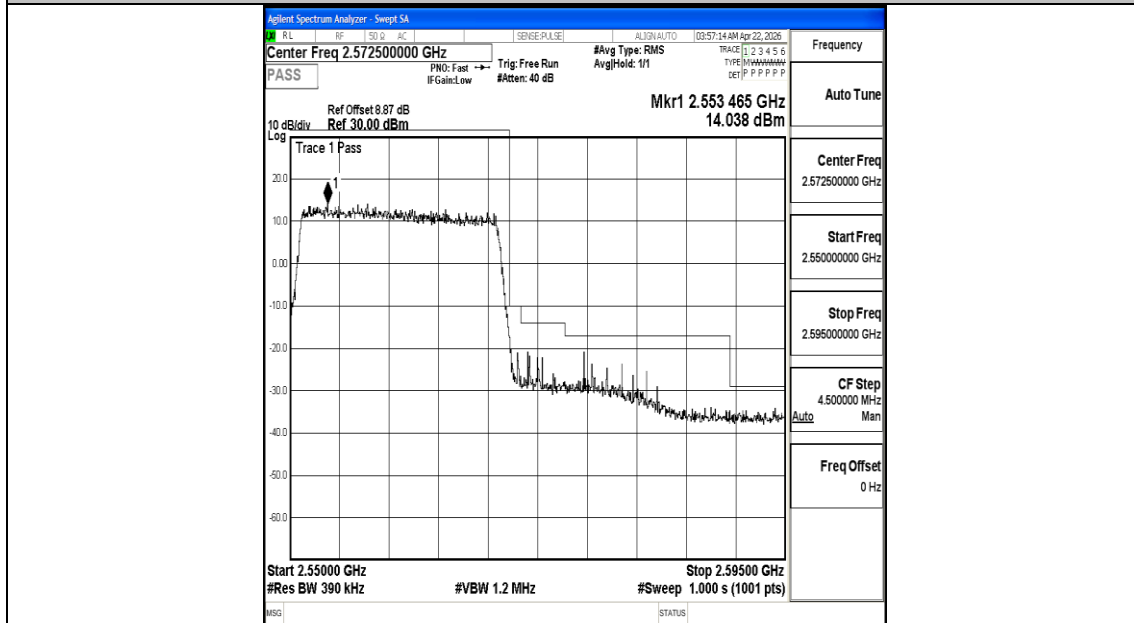
Band7_20MHz_QPSK_20850_100RB#0



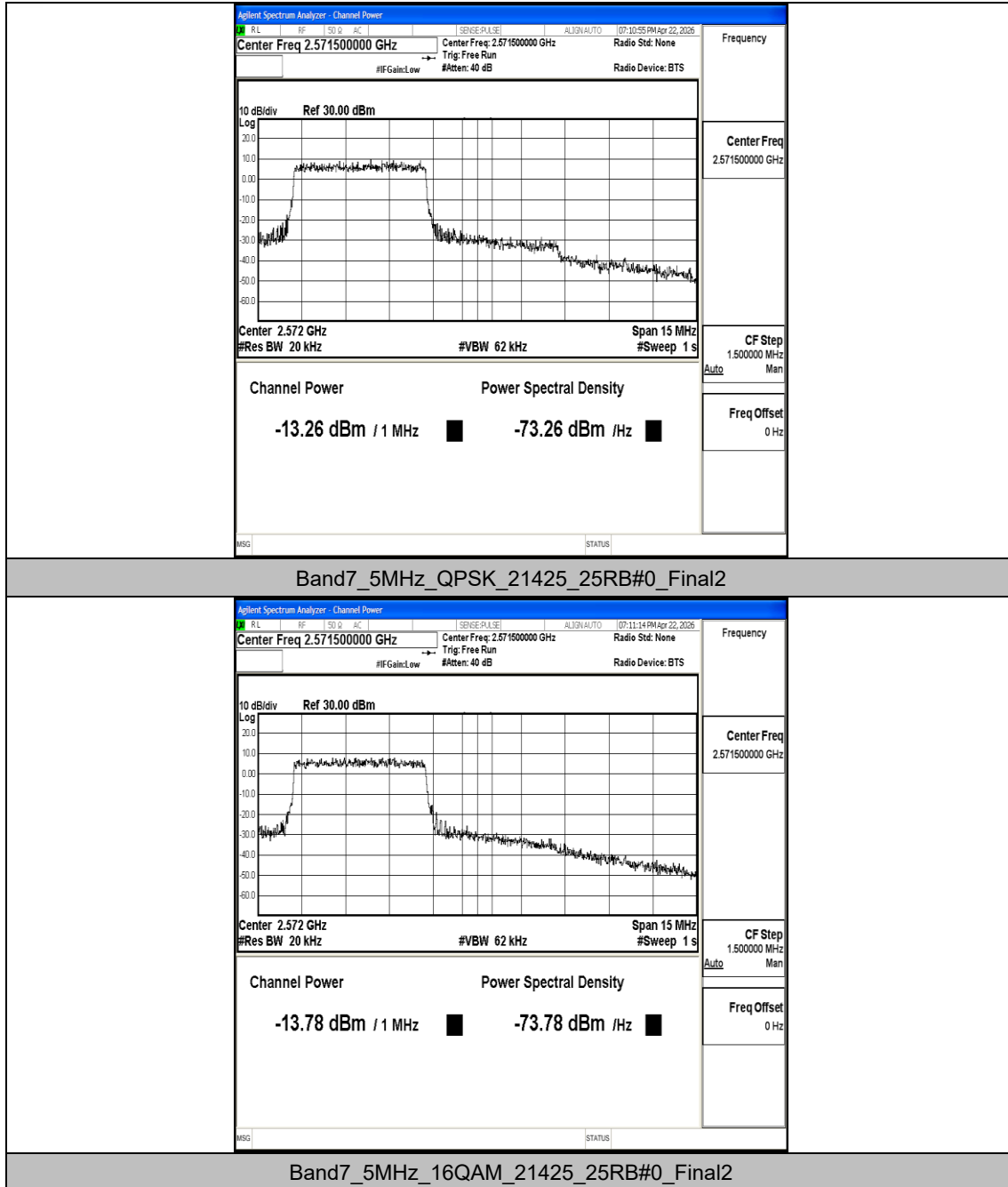
Band7_20MHz_16QAM_20850_100RB#0



Band7_20MHz_QPSK_21350_100RB#0



Band7_20MHz_16QAM_21350_100RB#0



4 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	0.009~0.15	-58.83	PASS
Band7	5MHz	QPSK	20775	1RB#0	0.15~30	-55.65	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-52.39	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~20000	-28.44	PASS
Band7	5MHz	QPSK	20775	1RB#0	20000~27000	-35.85	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.009~0.15	-60.12	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.15~30	-56.64	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000	-53.17	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~20000	-28.22	PASS
Band7	5MHz	16QAM	20775	1RB#0	20000~27000	-35.70	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.009~0.15	-60.87	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.15~30	-55.29	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-51.47	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~20000	-28.29	PASS
Band7	5MHz	QPSK	21100	1RB#0	20000~27000	-35.78	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.009~0.15	-64.45	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.15~30	-57.90	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000	-52.81	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~20000	-28.79	PASS
Band7	5MHz	16QAM	21100	1RB#0	20000~27000	-36.65	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.009~0.15	-59.68	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.15~30	-54.60	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-53.12	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~20000	-27.66	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.009~0.15	-65.15	PASS
Band7	5MHz	QPSK	21425	1RB#0	20000~27000	-36.27	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.009~0.15	-62.29	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.15~30	-54.69	PASS
Band7	5MHz	16QAM	21425	1RB#0	30~1000	-52.63	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~20000	-28.15	PASS
Band7	5MHz	16QAM	21425	1RB#0	20000~27000	-36.15	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.15~30	-55.42	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000	-51.22	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~20000	-28.11	PASS
Band7	10MHz	QPSK	20800	1RB#0	20000~27000	-35.66	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.009~0.15	-69.02	PASS

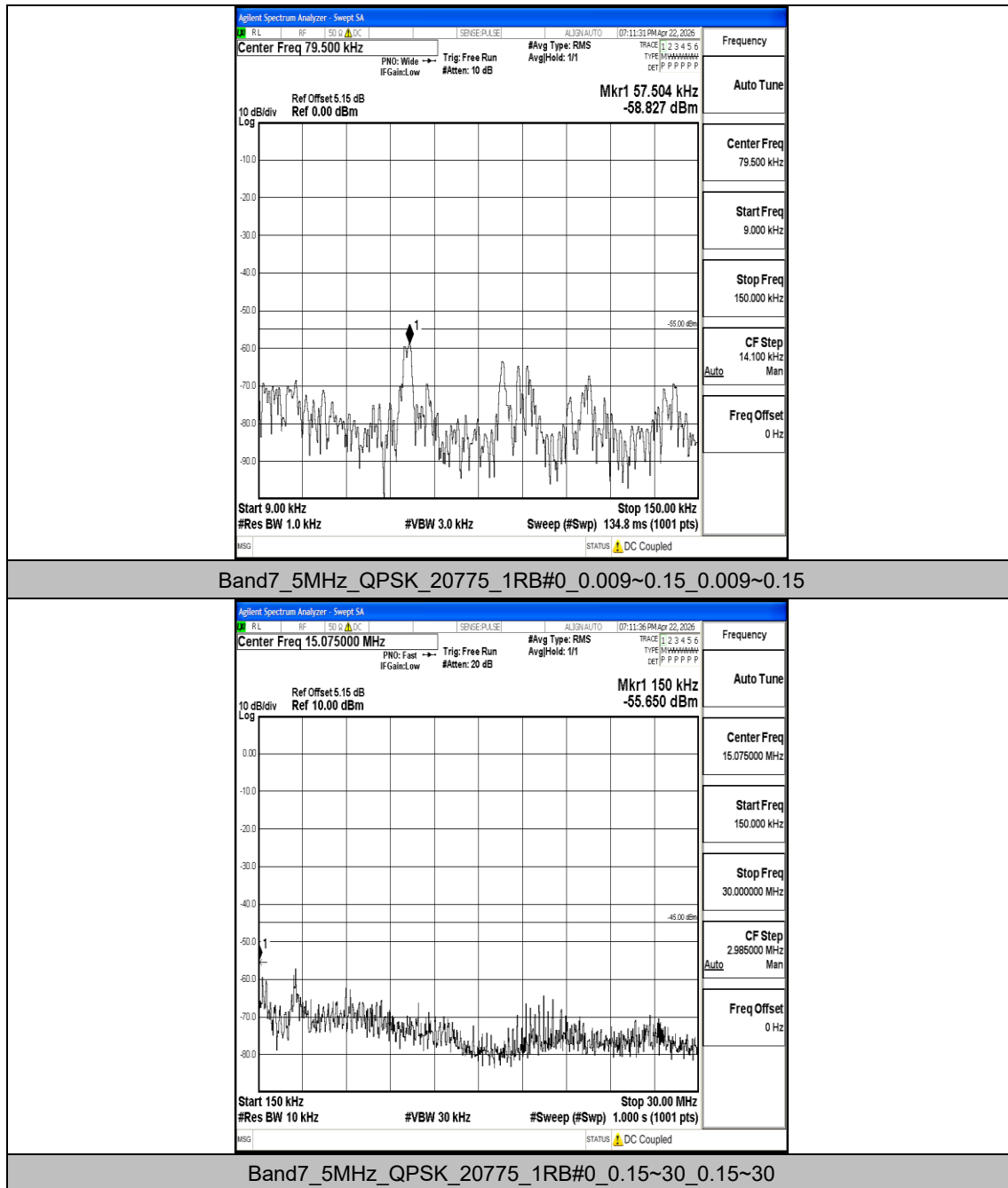


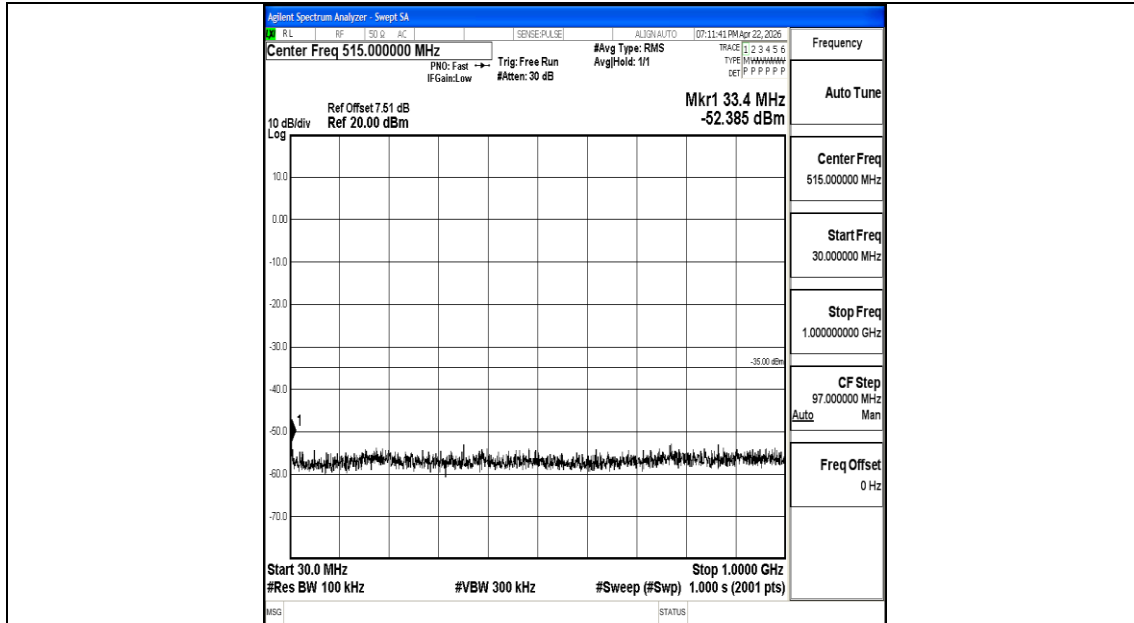
Band7	10MHz	16QAM	20800	1RB#0	0.15~30	-56.42	PASS
Band7	10MHz	16QAM	20800	1RB#0	30~1000	-51.96	PASS
Band7	10MHz	16QAM	20800	1RB#0	1000~20000	-27.76	PASS
Band7	10MHz	16QAM	20800	1RB#0	20000~27000	-34.39	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.009~0.15	-66.11	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.15~30	-56.87	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	-52.61	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~20000	-27.46	PASS
Band7	10MHz	QPSK	21100	1RB#0	20000~27000	-36.32	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.009~0.15	-66.87	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.15~30	-56.33	PASS
Band7	10MHz	16QAM	21100	1RB#0	30~1000	-52.65	PASS
Band7	10MHz	16QAM	21100	1RB#0	1000~20000	-28.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	20000~27000	-36.44	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.009~0.15	-68.54	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.15~30	-56.02	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	-52.37	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~20000	-27.90	PASS
Band7	10MHz	QPSK	21400	1RB#0	20000~27000	-36.28	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.009~0.15	-68.82	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.15~30	-53.88	PASS
Band7	10MHz	16QAM	21400	1RB#0	30~1000	-52.73	PASS
Band7	10MHz	16QAM	21400	1RB#0	1000~20000	-27.61	PASS
Band7	10MHz	16QAM	21400	1RB#0	20000~27000	-35.94	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.009~0.15	-67.32	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.15~30	-56.51	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000	-52.62	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~20000	-28.33	PASS
Band7	15MHz	QPSK	20825	1RB#0	20000~27000	-36.47	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.009~0.15	-67.77	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.15~30	-57.79	PASS
Band7	15MHz	16QAM	20825	1RB#0	30~1000	-52.54	PASS
Band7	15MHz	16QAM	20825	1RB#0	1000~20000	-28.08	PASS
Band7	15MHz	16QAM	20825	1RB#0	20000~27000	-36.24	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.009~0.15	-67.67	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.15~30	-53.86	PASS
Band7	15MHz	QPSK	21100	1RB#0	30~1000	-52.56	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~20000	-27.92	PASS
Band7	15MHz	QPSK	21100	1RB#0	20000~27000	-35.96	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.009~0.15	-67.56	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.15~30	-54.59	PASS
Band7	15MHz	16QAM	21100	1RB#0	30~1000	-53.27	PASS
Band7	15MHz	16QAM	21100	1RB#0	1000~20000	-28.29	PASS



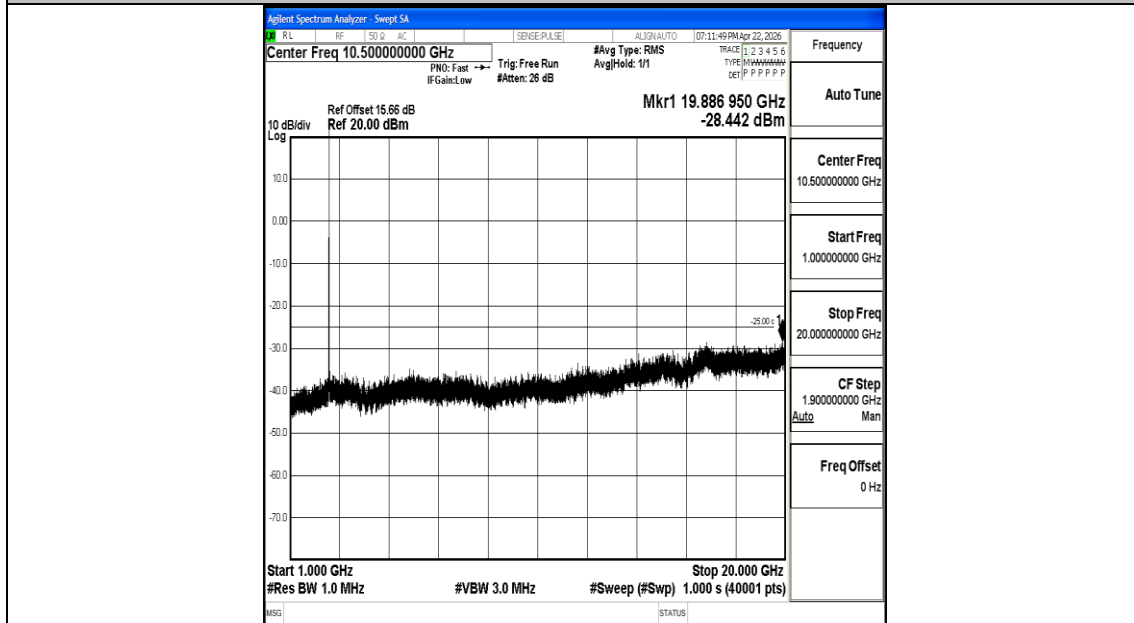
Band7	15MHz	16QAM	21100	1RB#0	20000~27000	-35.20	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.009~0.15	-65.95	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.15~30	-55.03	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000	-52.51	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~20000	-26.92	PASS
Band7	15MHz	QPSK	21375	1RB#0	20000~27000	-36.75	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.009~0.15	-66.35	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.15~30	-53.81	PASS
Band7	15MHz	16QAM	21375	1RB#0	30~1000	-53.41	PASS
Band7	15MHz	16QAM	21375	1RB#0	1000~20000	-28.45	PASS
Band7	15MHz	16QAM	21375	1RB#0	20000~27000	-35.59	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.009~0.15	-67.79	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.15~30	-54.62	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	-52.72	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~20000	-27.81	PASS
Band7	20MHz	QPSK	20850	1RB#0	20000~27000	-36.52	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.009~0.15	-69.24	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.15~30	-55.26	PASS
Band7	20MHz	16QAM	20850	1RB#0	30~1000	-52.98	PASS
Band7	20MHz	16QAM	20850	1RB#0	1000~20000	-28.24	PASS
Band7	20MHz	16QAM	20850	1RB#0	20000~27000	-35.96	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.009~0.15	-67.68	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.15~30	-58.68	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	-52.73	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~20000	-27.64	PASS
Band7	20MHz	QPSK	21100	1RB#0	20000~27000	-36.22	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.009~0.15	-67.46	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.15~30	-54.89	PASS
Band7	20MHz	16QAM	21100	1RB#0	30~1000	-52.61	PASS
Band7	20MHz	16QAM	21100	1RB#0	1000~20000	-28.57	PASS
Band7	20MHz	16QAM	21100	1RB#0	20000~27000	-35.46	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.009~0.15	-68.07	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.15~30	-56.21	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	-52.39	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~20000	-27.94	PASS
Band7	20MHz	QPSK	21350	1RB#0	20000~27000	-35.38	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.009~0.15	-67.29	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.15~30	-57.17	PASS
Band7	20MHz	16QAM	21350	1RB#0	30~1000	-53.03	PASS
Band7	20MHz	16QAM	21350	1RB#0	1000~20000	-27.73	PASS
Band7	20MHz	16QAM	21350	1RB#0	20000~27000	-35.28	PASS

Test Graphs

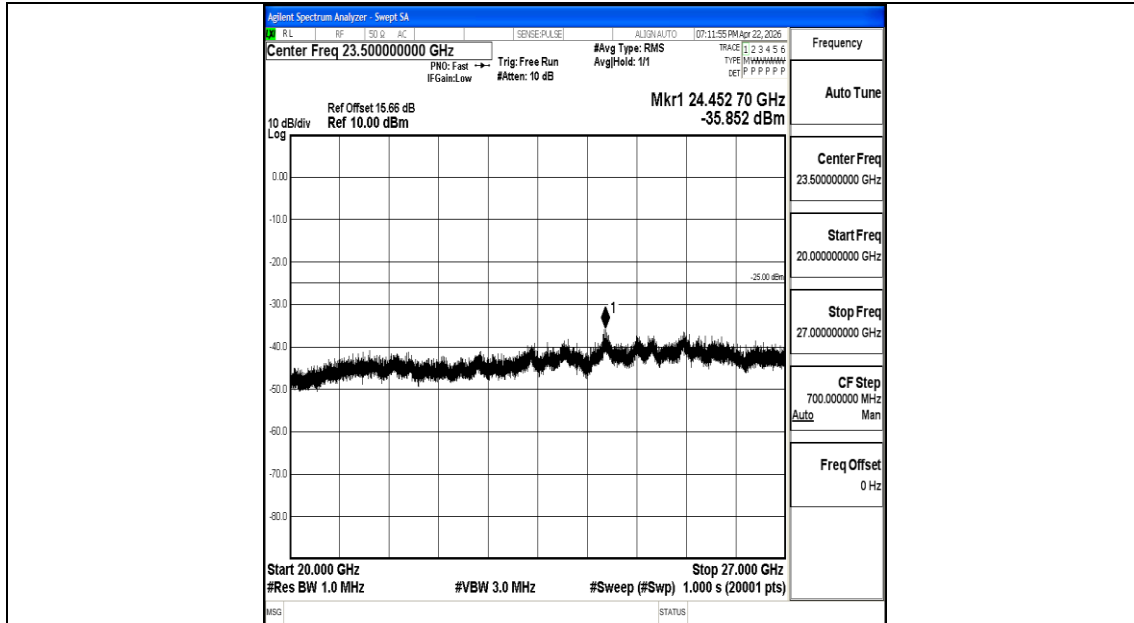




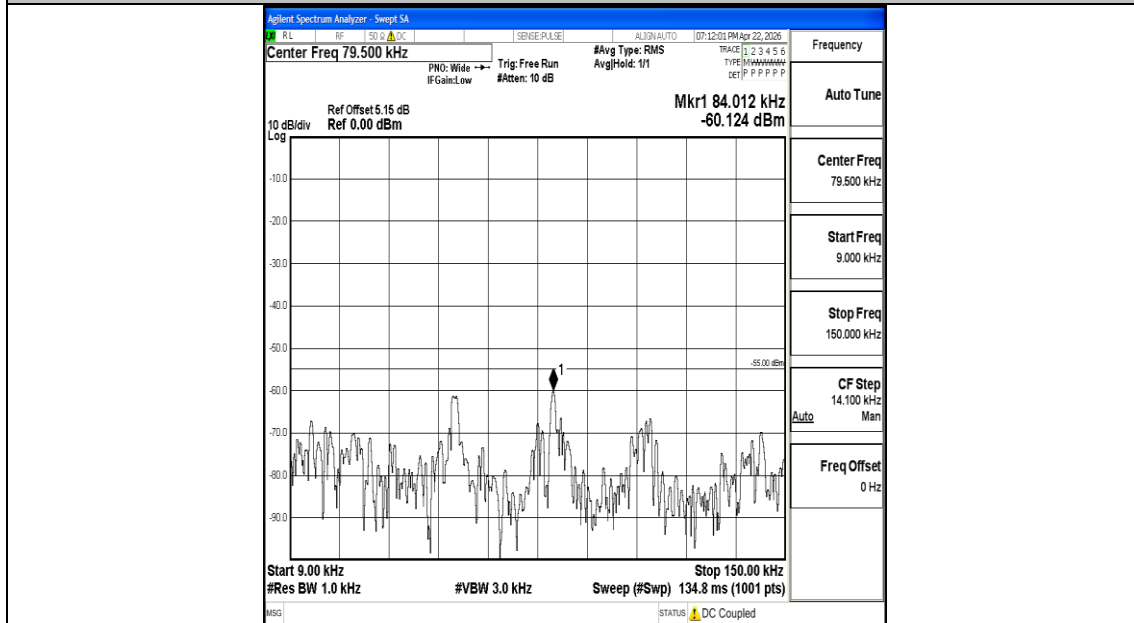
Band7_5MHz_QPSK_20775_1RB#0_30~1000_30~1000



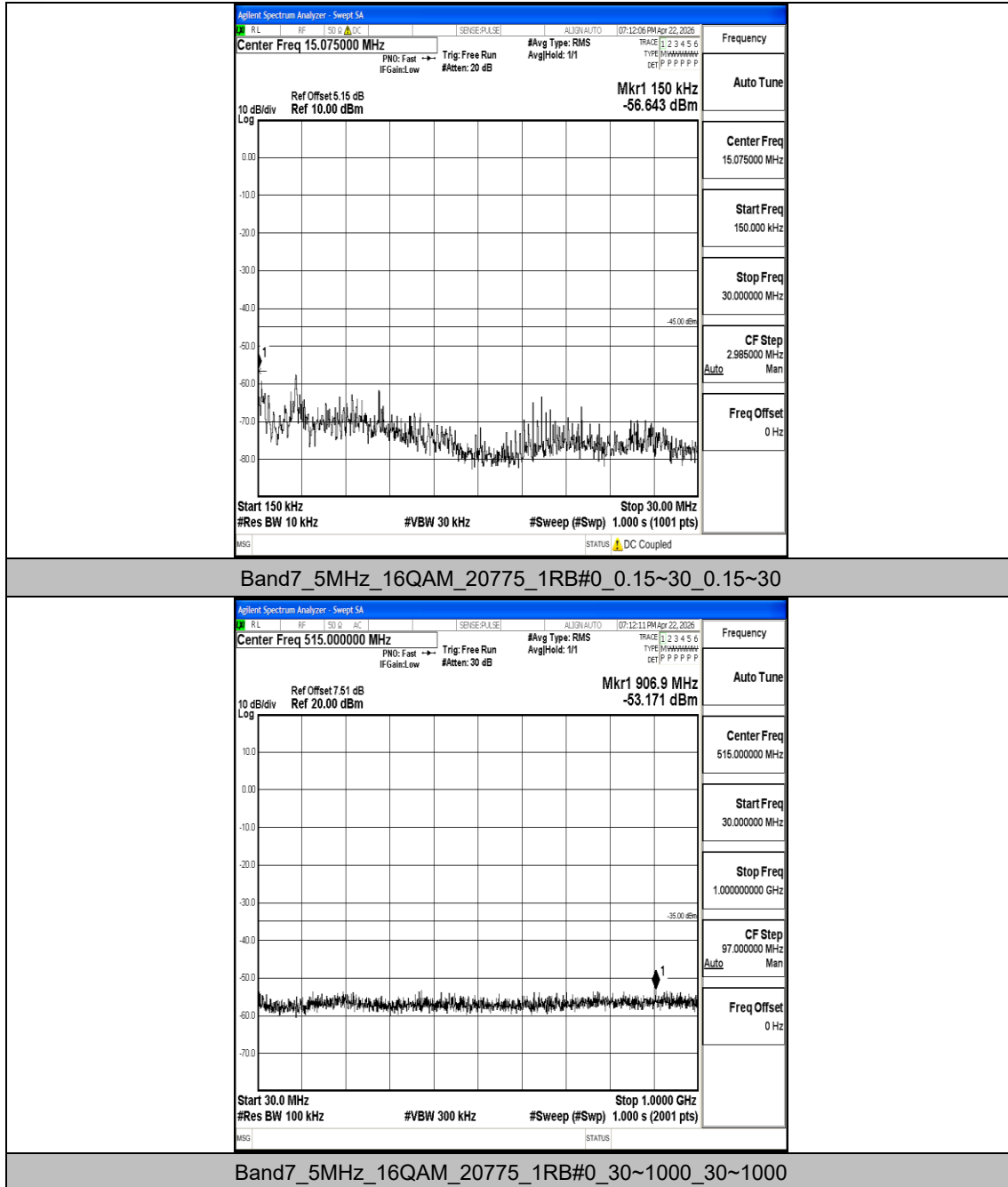
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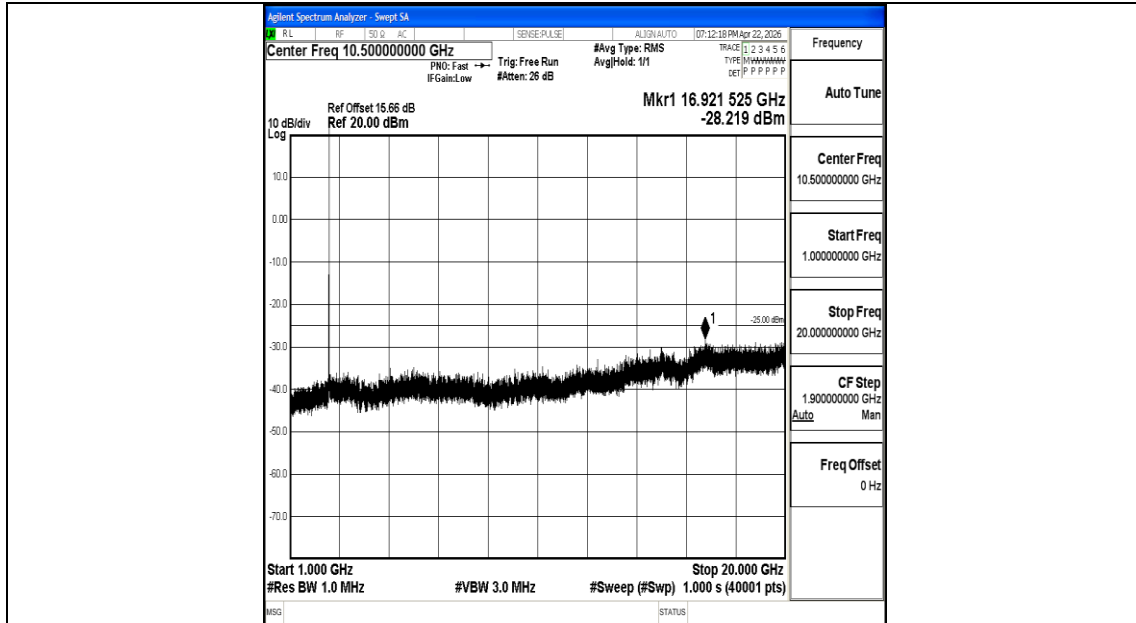


Band7_5MHz_QPSK_20775_1RB#0_20000~27000_20000~27000

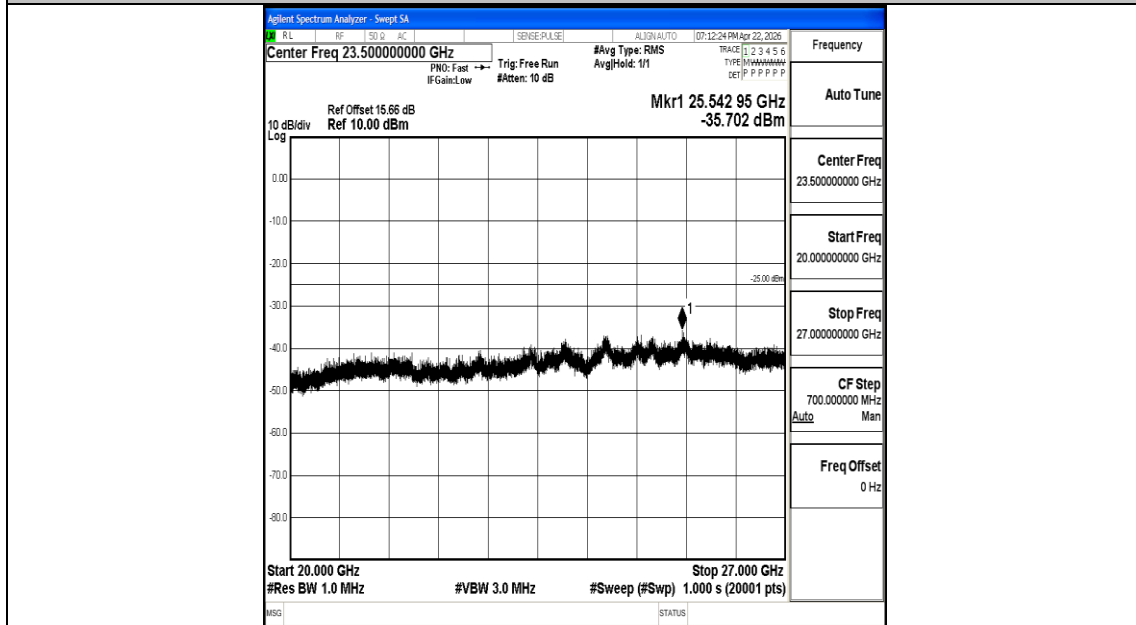


Band7_5MHz_16QAM_20775_1RB#0_0.009~0.15_0.009~0.15

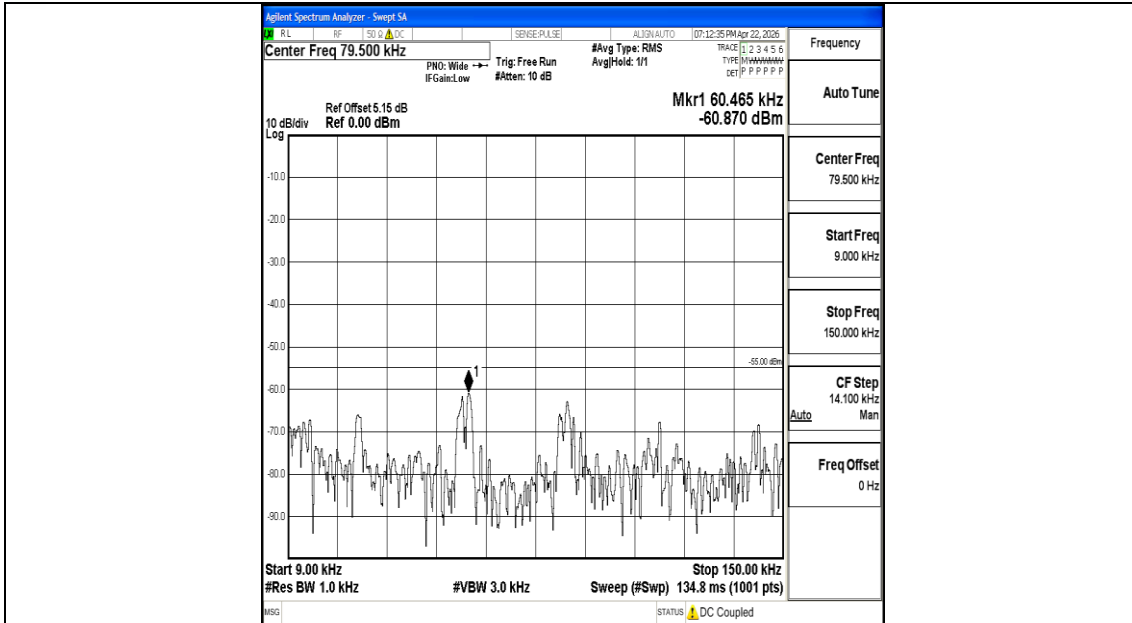




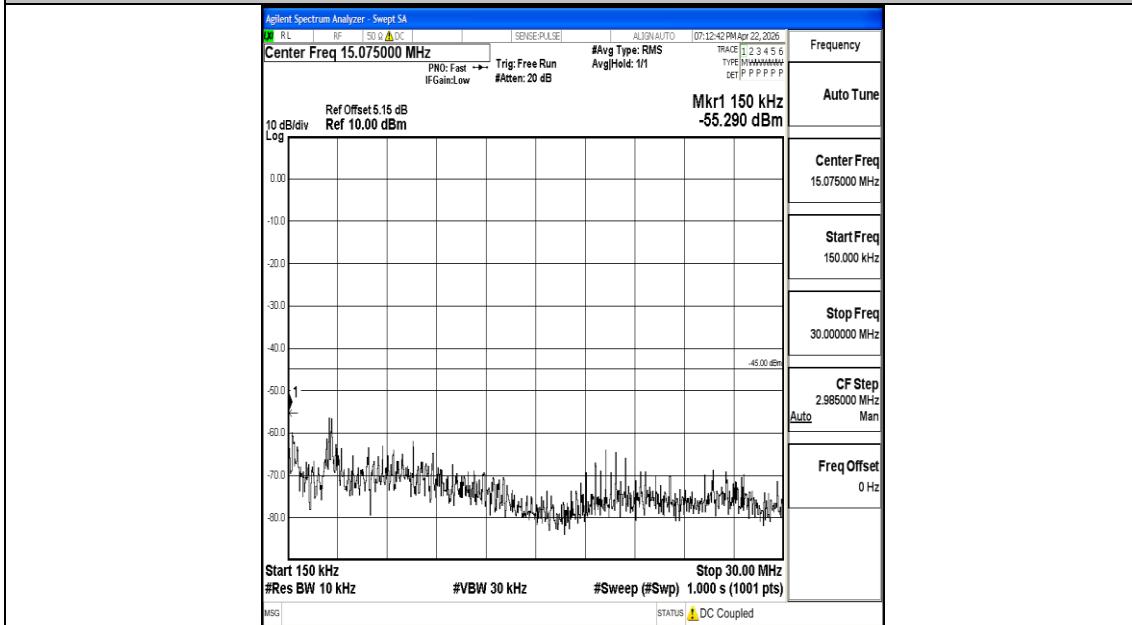
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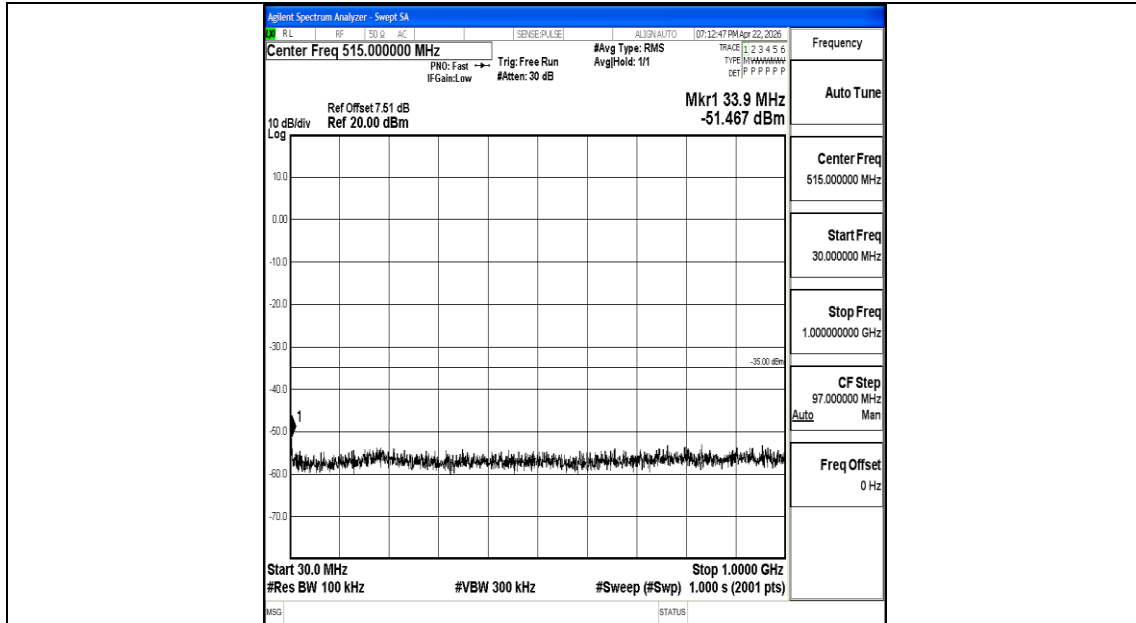
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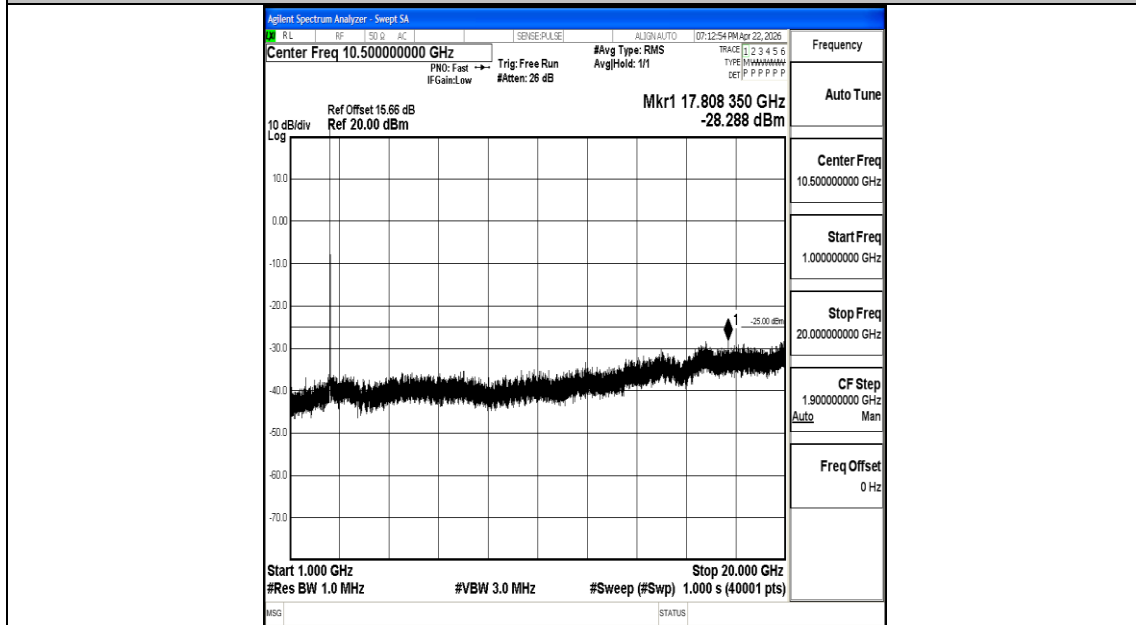
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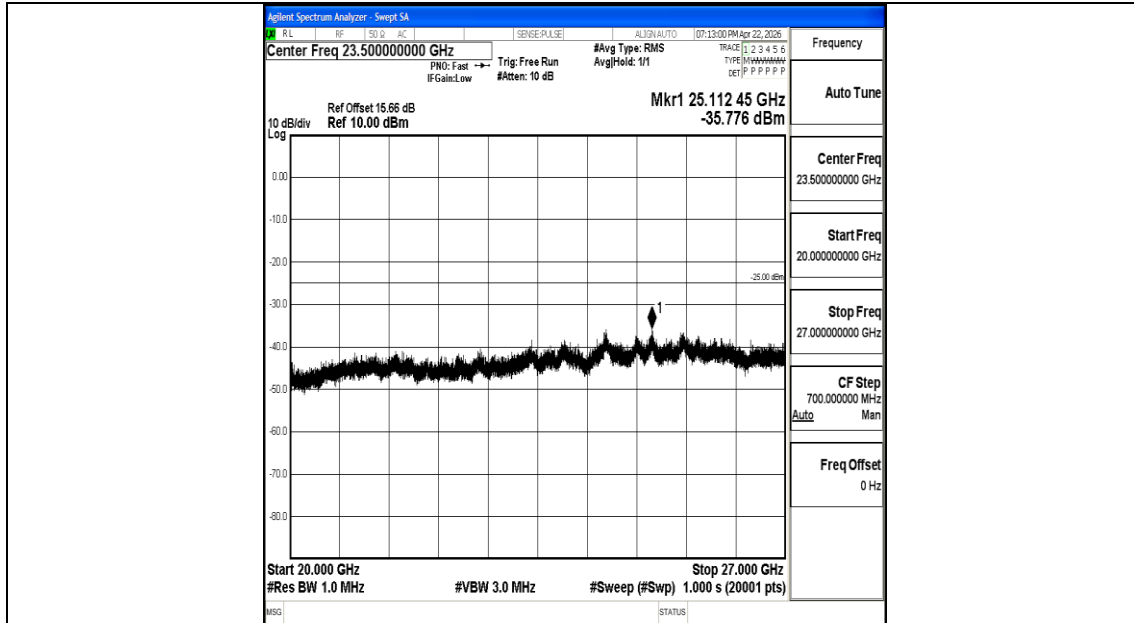
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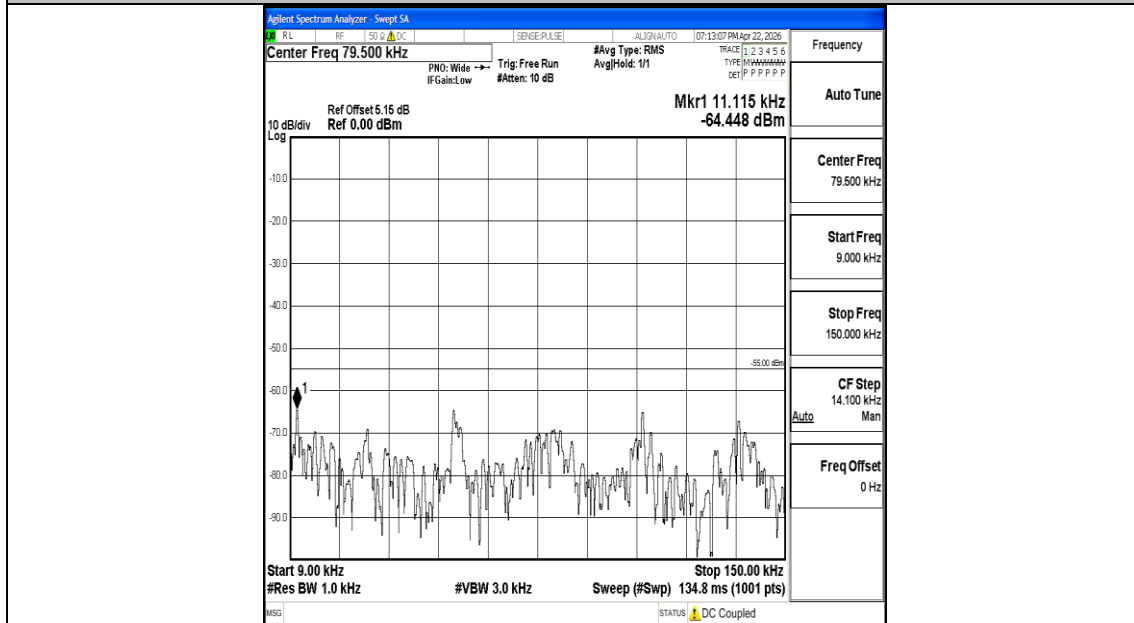
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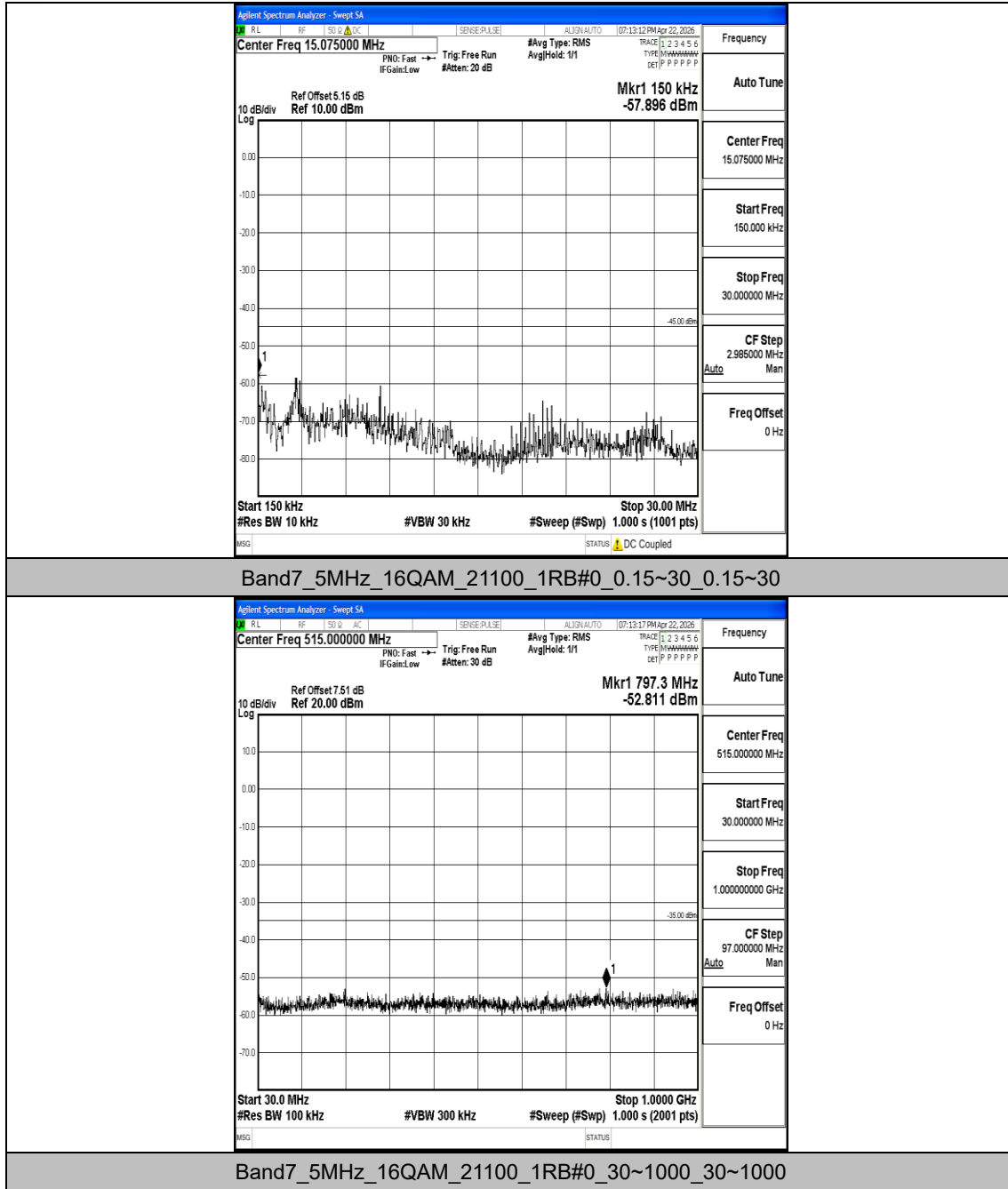
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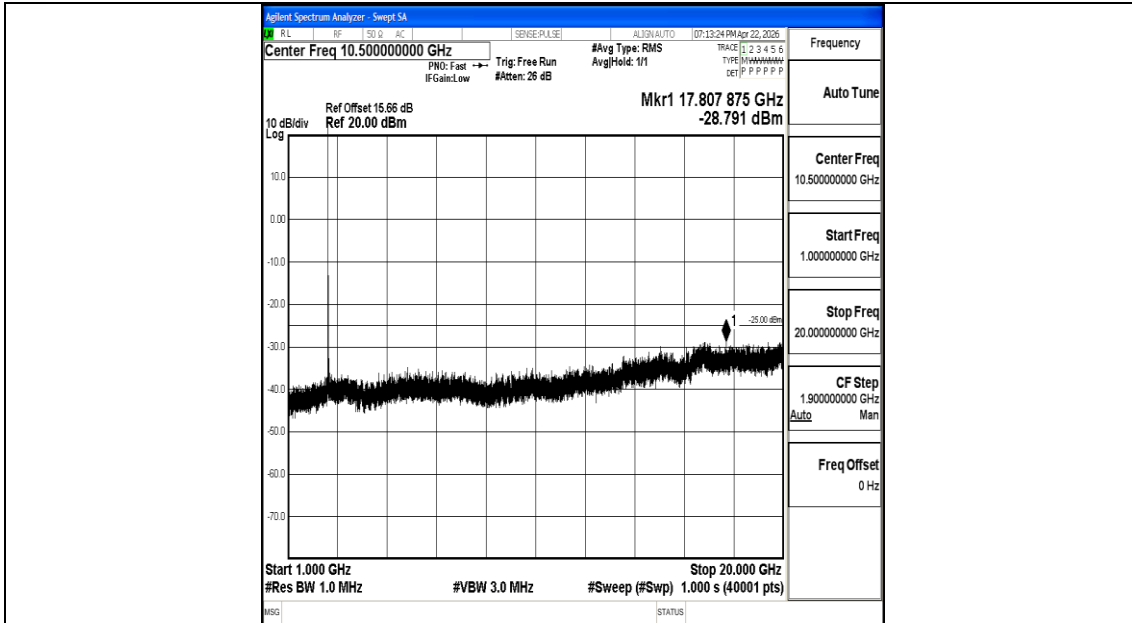


Band7_5MHz_QPSK_21100_1RB#0_20000~27000_20000~27000

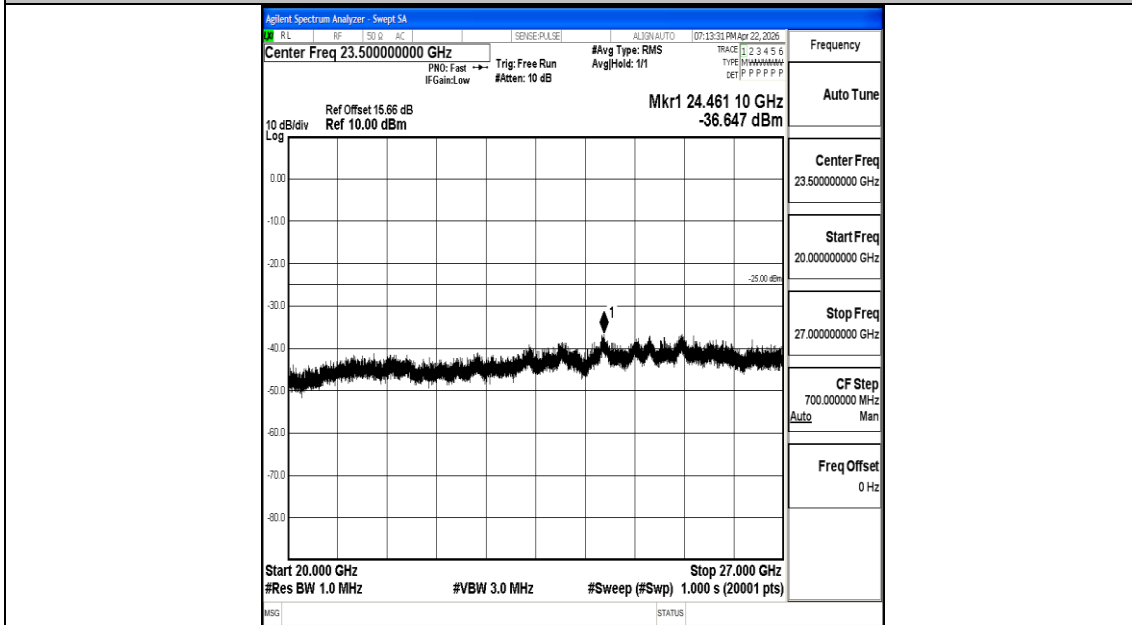


Band7_5MHz_16QAM_21100_1RB#0_0.009~0.15_0.009~0.15





Band7_5MHz_16QAM_21100_1RB#0_1000~20000_1000~20000



Band7_5MHz_16QAM_21100_1RB#0_20000~27000_20000~27000