

FCC LTE Band Test Data

FCC ID : 2BE8S-C25

Company: : Shenzhen kehuitong Technology Co.,Ltd

EUT : mobile phone

Model Number : C25

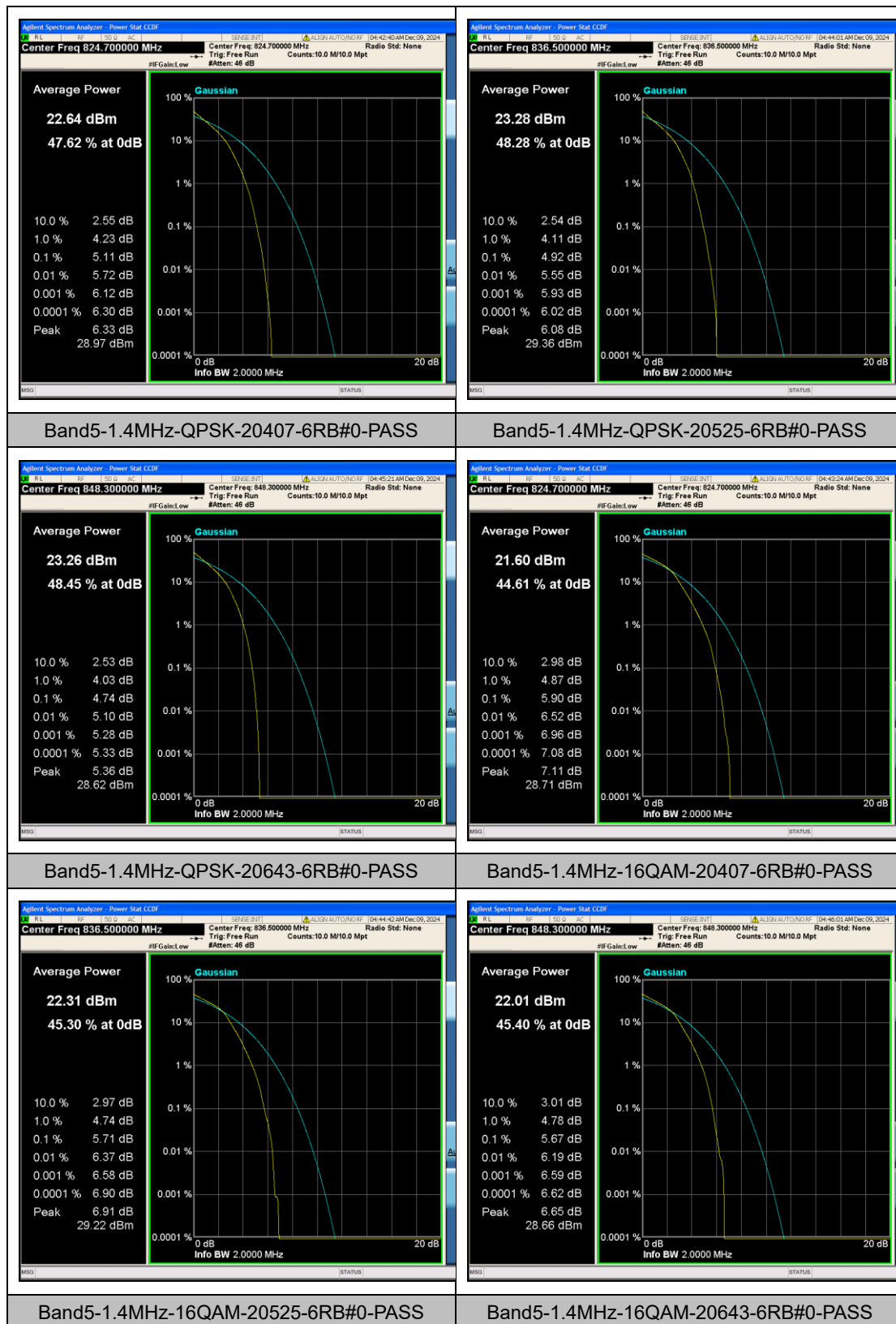
Reviewed By : Eric Wang

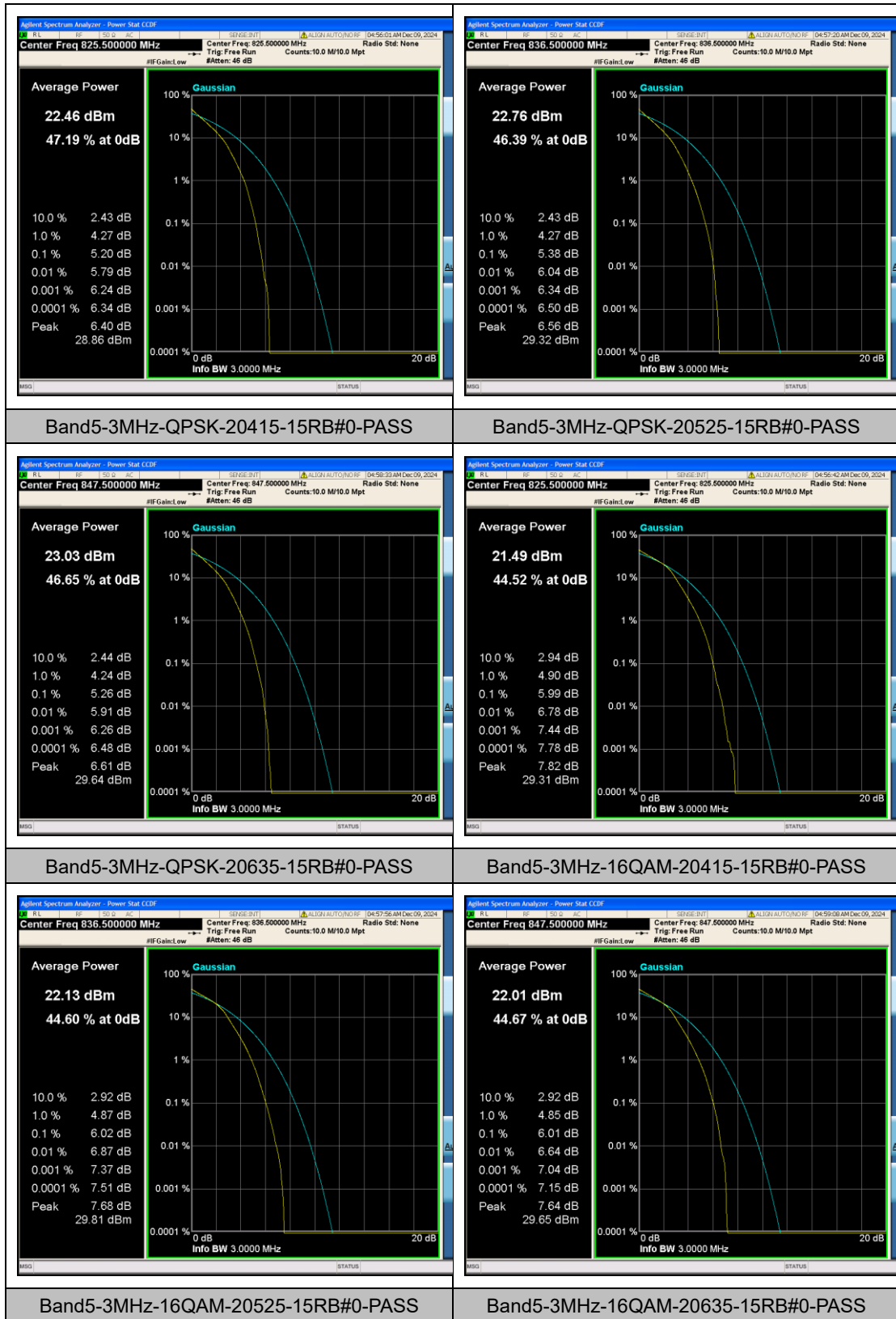
AppendixB:Peak-to-AverageRatio(CCDF)

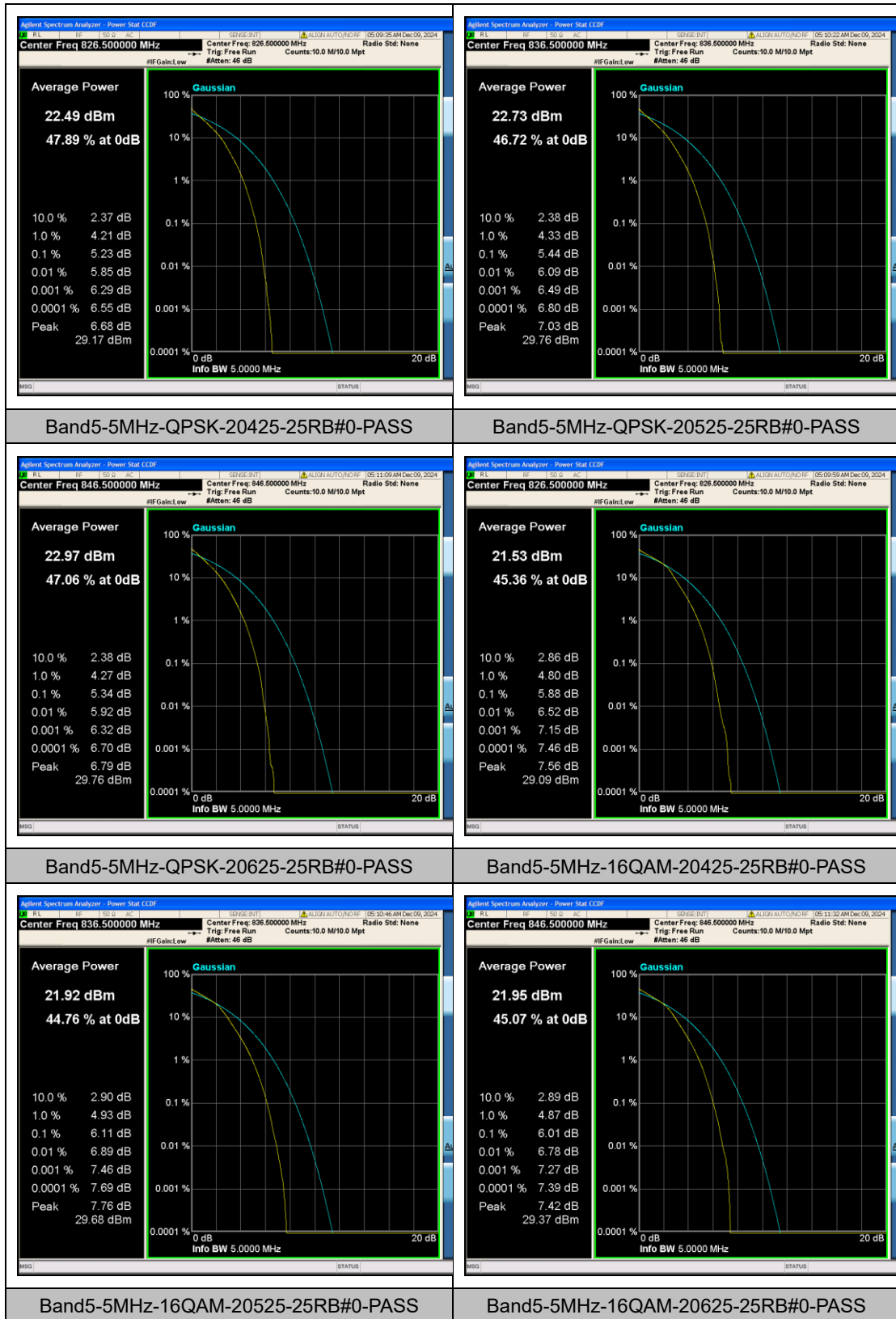
TestResult

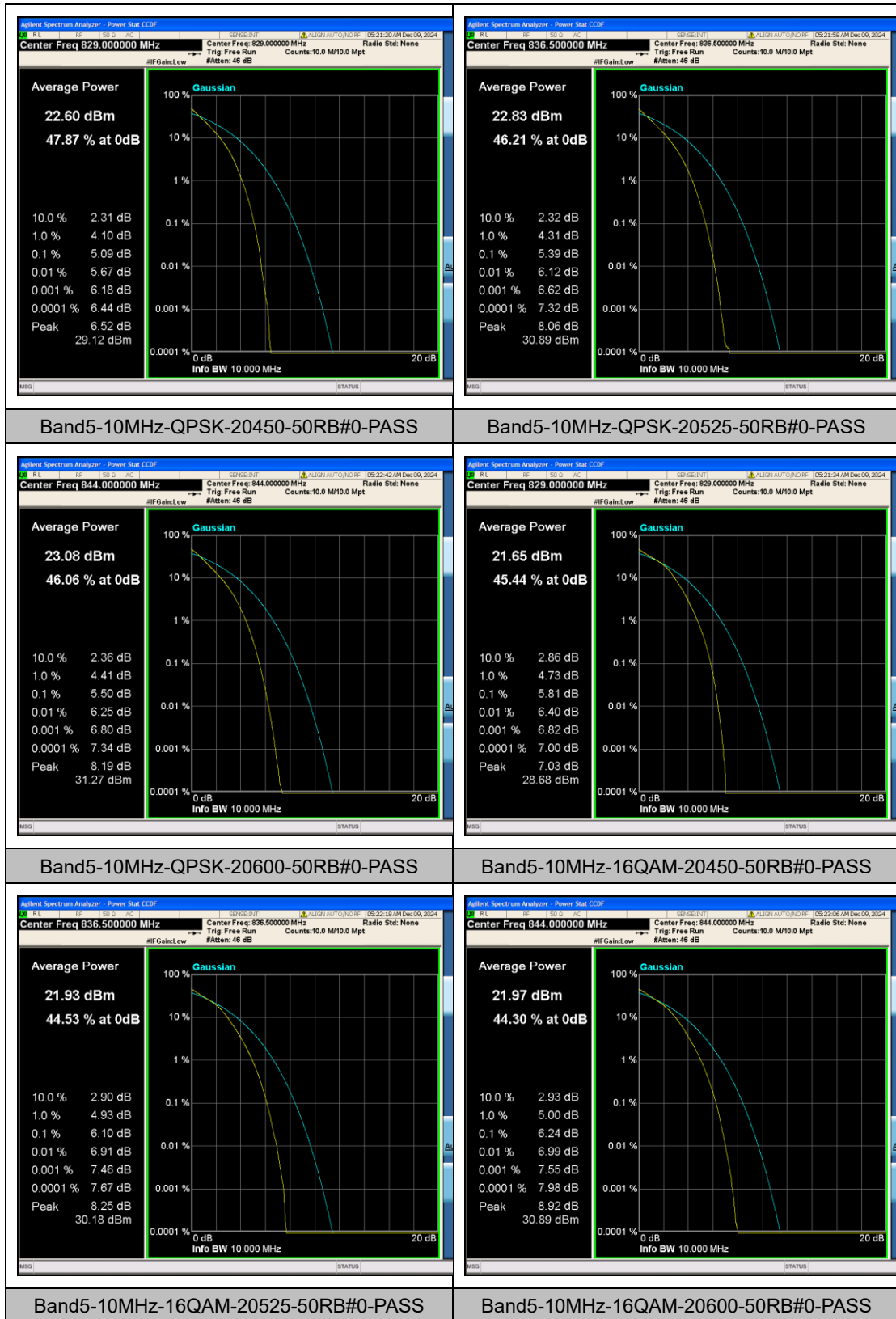
Band	Bandwidth	Modulation	Channel	RBConfiguration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.11	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.92	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.74	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.90	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.71	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.67	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.20	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.38	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.26	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.99	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.02	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.01	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.23	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.44	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.34	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.88	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.11	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.01	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.09	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.39	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.50	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.81	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.10	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.24	13	PASS

TestGraphs







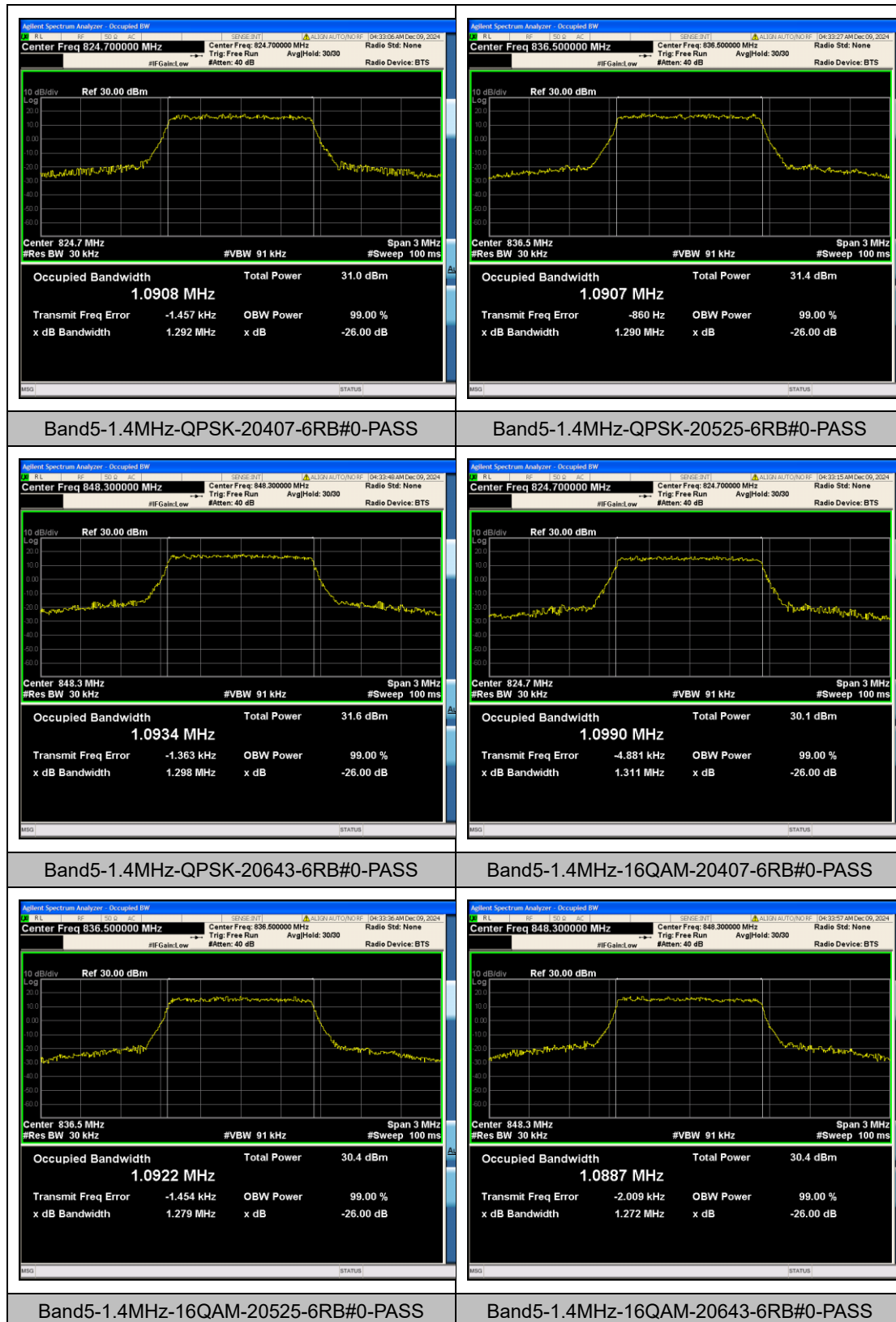


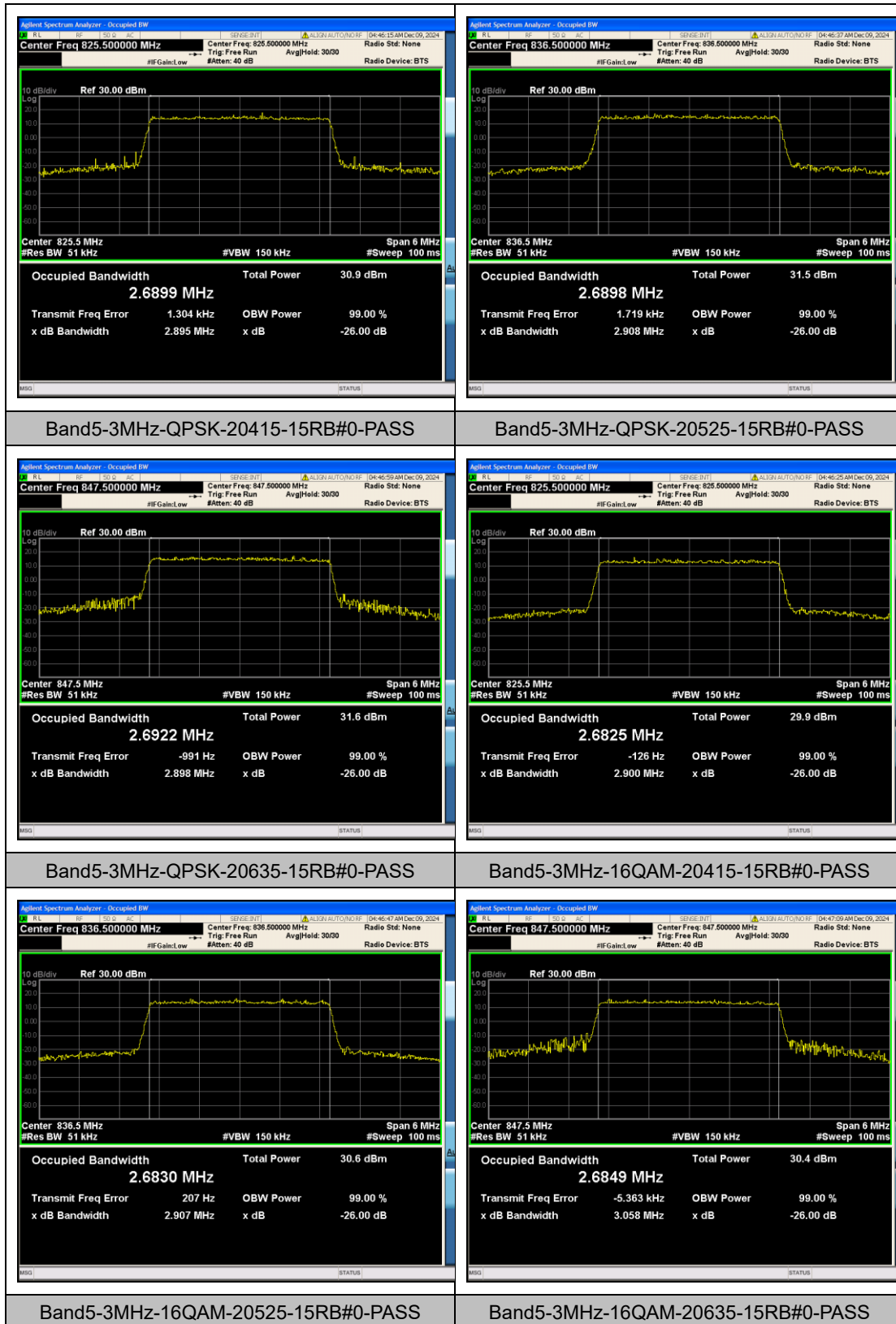
AppendixC:26dBBandwidthandOccupiedBandwidth

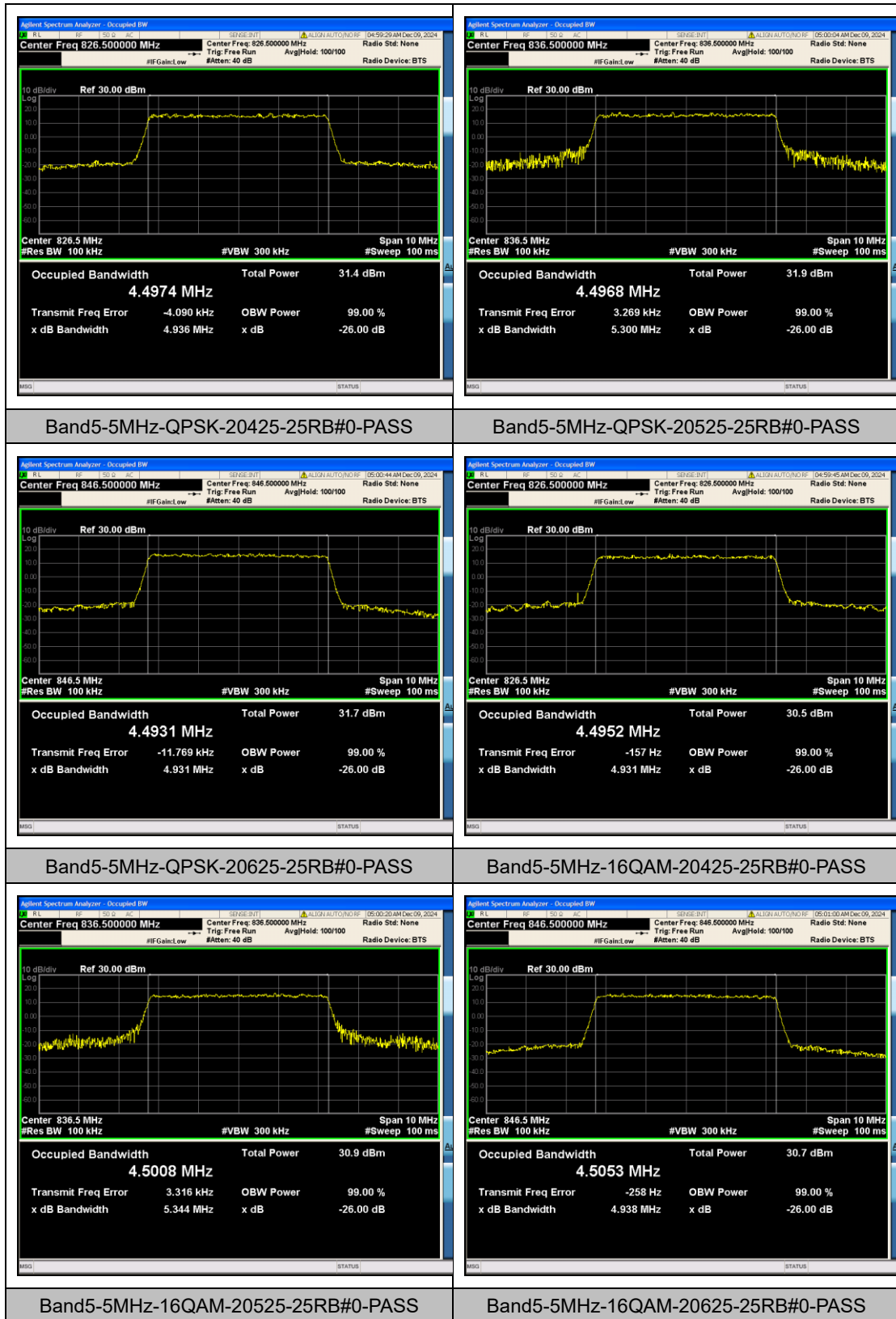
TestResult

Band	Bandwidth	Modulation	Channel	RBConfiguration	OccupiedBandwidth (MHz)	26dBBandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0908	1.292	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0907	1.290	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0934	1.298	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0990	1.311	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0922	1.279	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0887	1.272	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6899	2.895	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6898	2.908	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6922	2.898	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6825	2.900	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6830	2.907	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6849	3.058	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4974	4.936	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4968	5.300	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4931	4.931	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4952	4.931	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5008	5.344	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5053	4.938	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0000	9.900	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9852	11.10	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9795	10.70	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9974	9.734	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9925	10.76	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9876	10.29	PASS

TestGraphs







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

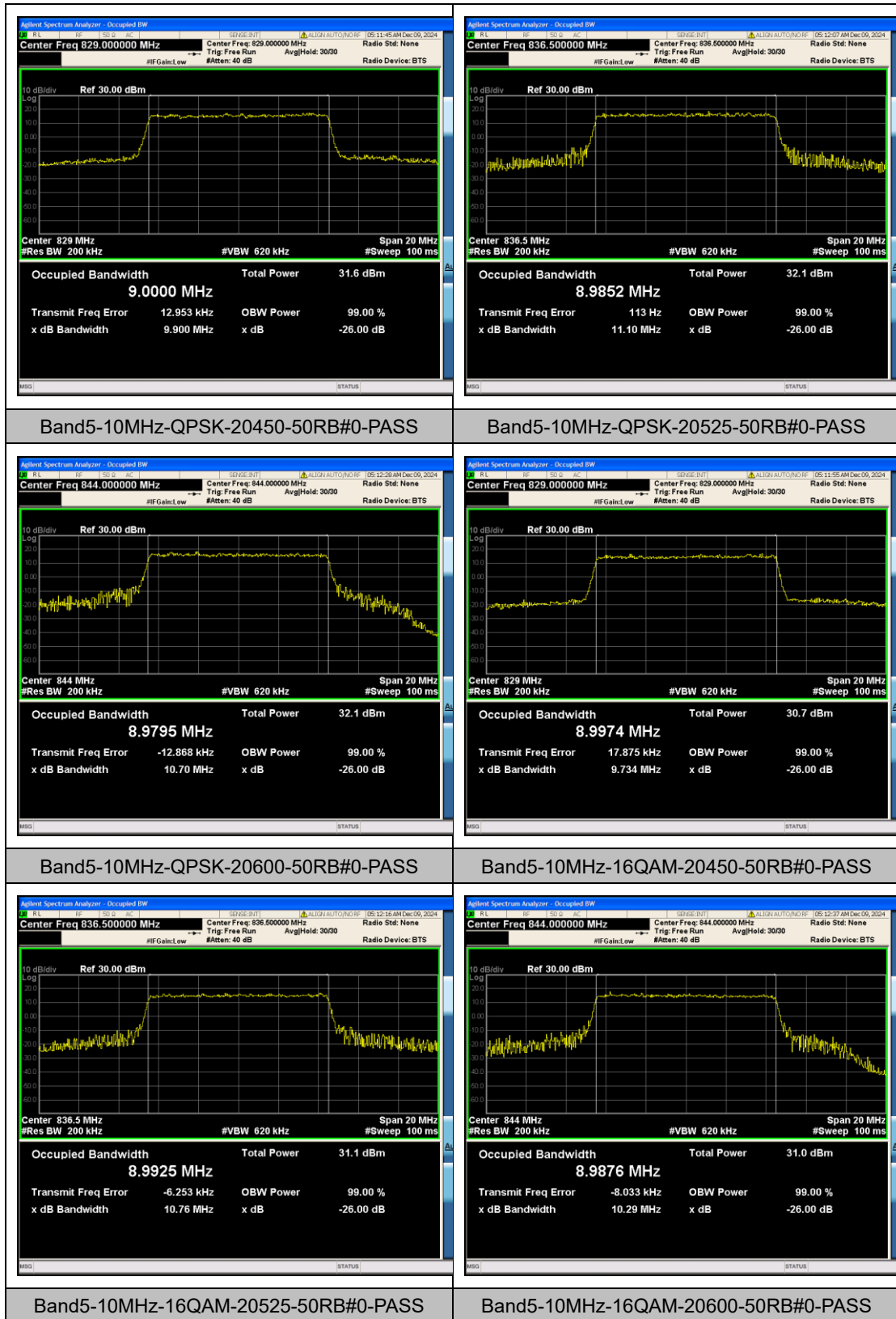
Band5-5MHz-QPSK-20525-25RB#0-PASS

Band5-5MHz-QPSK-20625-25RB#0-PASS

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

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

Band5-5MHz-16QAM-20625-25RB#0-PASS

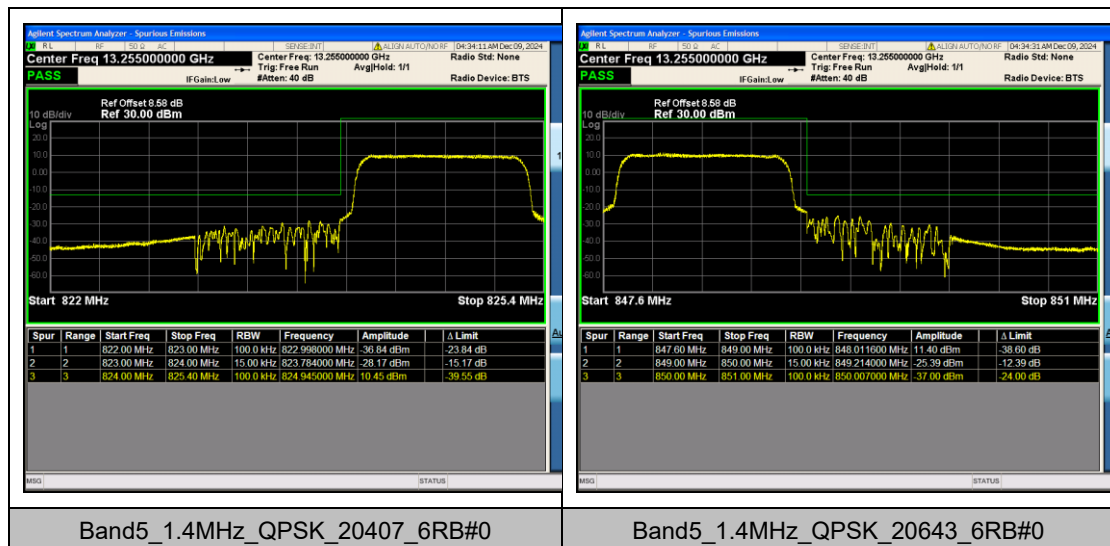


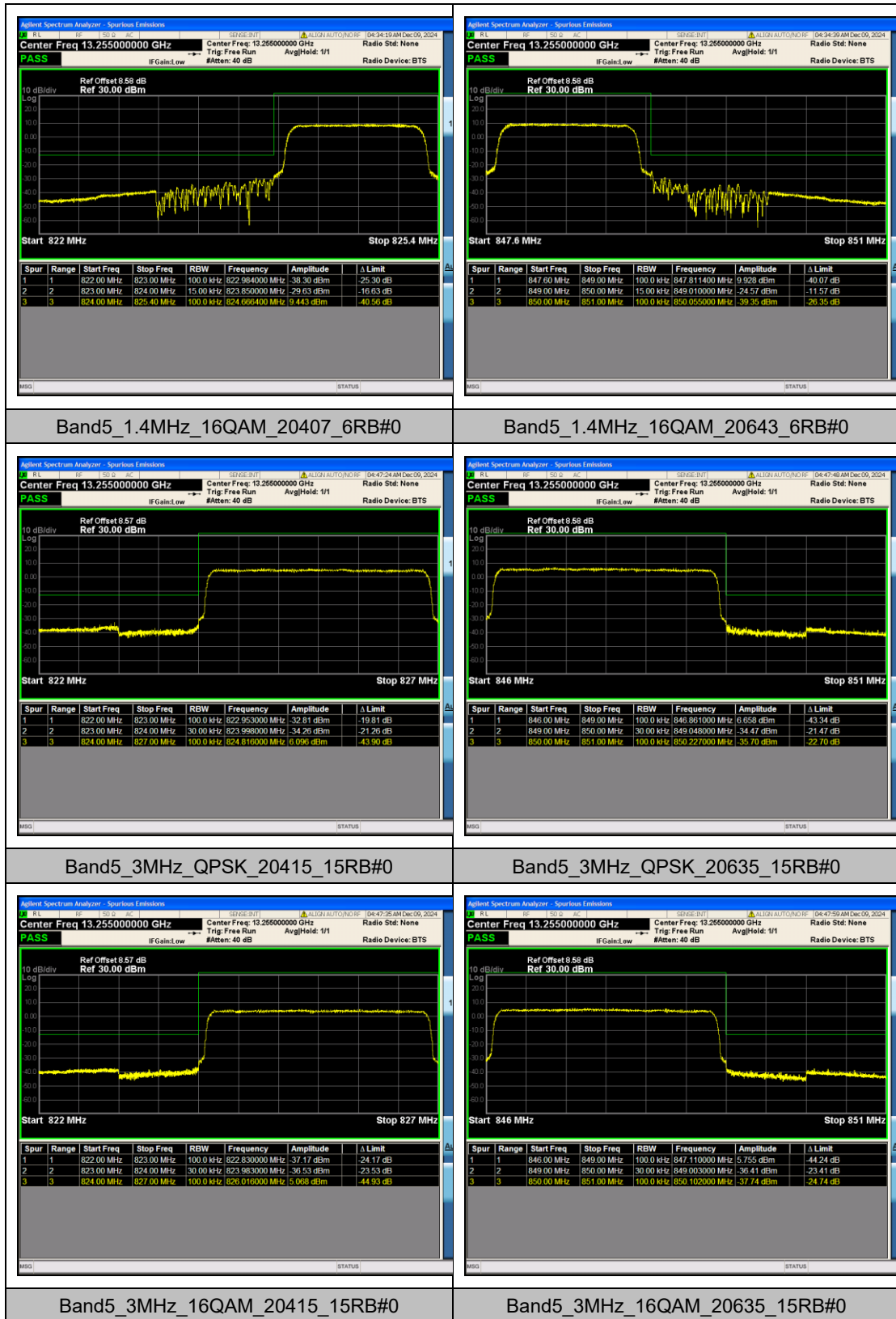
AppendixD:BandEdge

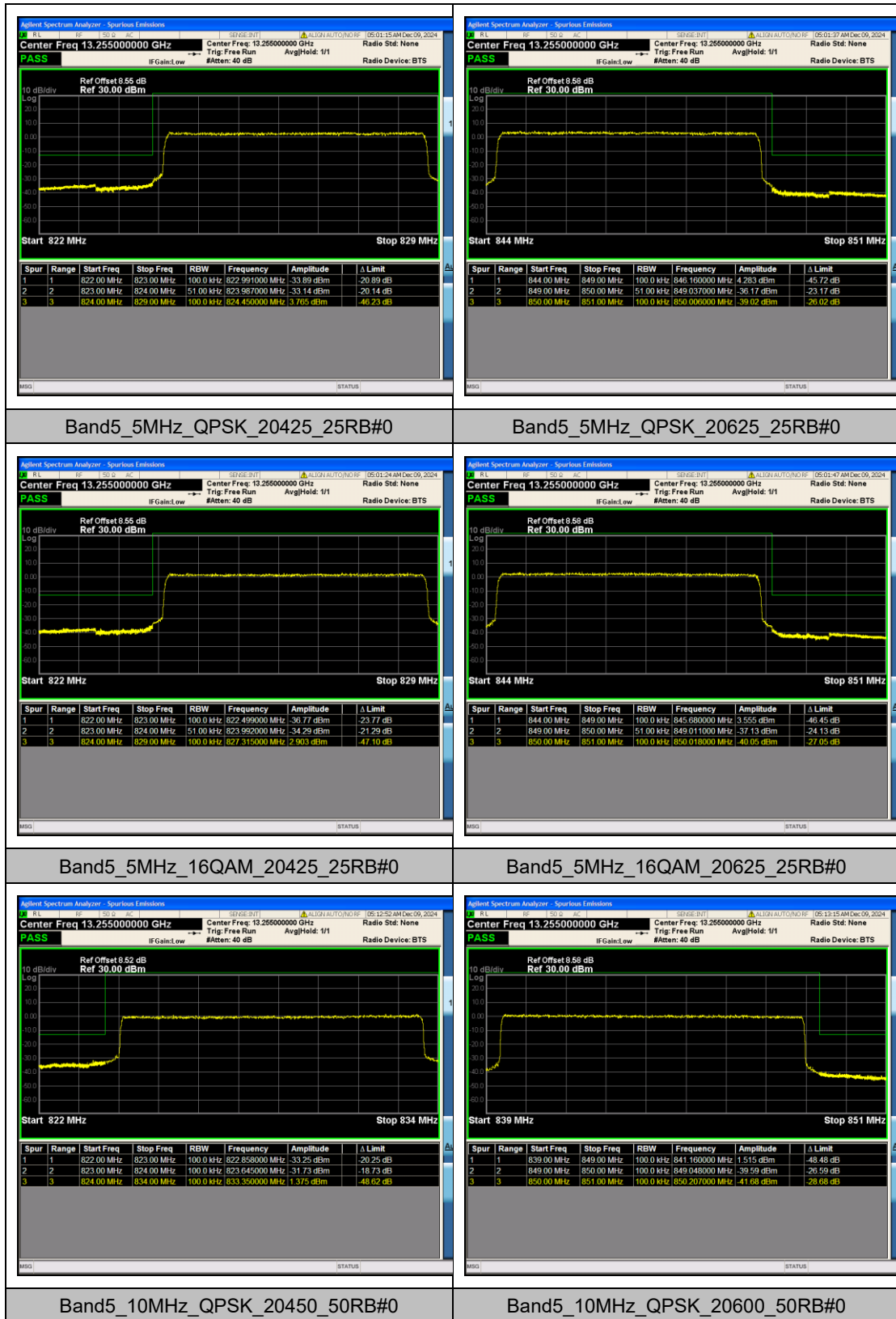
TestResult

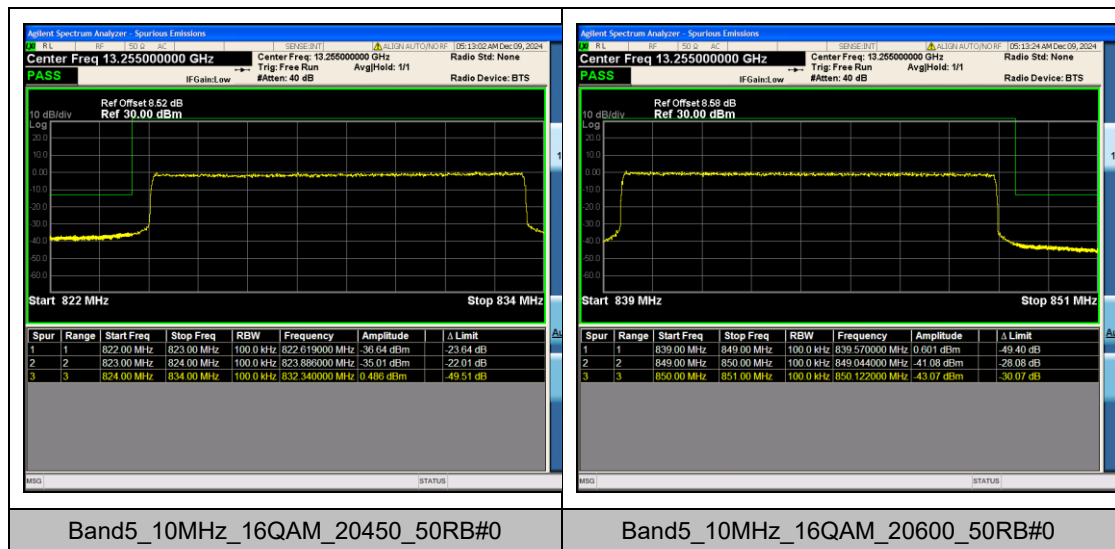
Band	Bandwidth	Modulation	Channel	RBConfiguration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-28.17	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-25.39	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-29.63	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-24.57	PASS
Band5	3MHz	QPSK	20415	15RB#0	-32.81	PASS
Band5	3MHz	QPSK	20635	15RB#0	-34.47	PASS
Band5	3MHz	16QAM	20415	15RB#0	-36.53	PASS
Band5	3MHz	16QAM	20635	15RB#0	-36.41	PASS
Band5	5MHz	QPSK	20425	25RB#0	-33.14	PASS
Band5	5MHz	QPSK	20625	25RB#0	-36.17	PASS
Band5	5MHz	16QAM	20425	25RB#0	-34.29	PASS
Band5	5MHz	16QAM	20625	25RB#0	-37.13	PASS
Band5	10MHz	QPSK	20450	50RB#0	-31.73	PASS
Band5	10MHz	QPSK	20600	50RB#0	-39.59	PASS
Band5	10MHz	16QAM	20450	50RB#0	-35.01	PASS
Band5	10MHz	16QAM	20600	50RB#0	-41.08	PASS

TestGraphs









AppendixE:ConductedSpuriousEmission

TestResult

Band	Bandwidth	Modulation	Channel	RBConfiguration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	0.009~0.15	-39.33	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-49.83	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-47.82	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-44.23	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-43.53	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-43.54	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-51.32	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-49.82	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-44.75	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-43.61	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-44.63	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-49.12	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-46.06	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-45.24	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-43.28	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-45.19	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-48.77	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-49.05	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-46.33	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-43.60	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-42.92	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-48.07	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-51.33	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-45.37	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-43.32	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-37.93	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-49.72	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-47.29	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-46.05	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-43.07	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-41.26	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-50.10	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-49.95	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-46.72	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-43.62	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-40.46	PASS

Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-49.25	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-52.20	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-46.57	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-43.53	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-38.08	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-48.54	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-47.21	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-46.70	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-43.75	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-39.54	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-49.71	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-52.35	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-46.81	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-43.36	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-41.75	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-49.71	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-53.01	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-46.57	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-43.46	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-41.72	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-49.35	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-50.61	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-46.91	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-43.69	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-40.23	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-49.55	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-50.97	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-46.60	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-43.83	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-43.29	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-50.38	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-53.93	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-46.87	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-43.49	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-42.90	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-48.82	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-52.14	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-46.51	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-43.52	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-40.65	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-49.38	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-53.36	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-46.72	PASS

Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-43.43	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-44.07	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-47.85	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-52.27	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-46.48	PASS
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-43.87	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-41.18	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-48.01	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-54.75	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-46.28	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-43.58	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-38.82	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-49.38	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-61.68	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-46.80	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-43.61	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-41.66	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-48.37	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-56.63	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-46.63	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-43.67	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-42.78	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-48.15	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-52.41	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-46.67	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-43.49	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-43.31	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-48.59	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-61.76	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-46.77	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-43.50	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-40.81	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-48.41	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-57.07	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-46.78	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-43.46	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-41.52	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-48.18	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-56.43	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-46.86	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-43.67	PASS

The figure displays eight Agilent Spectrum Analyzer screenshots arranged in a 4x2 grid. Each screenshot shows a different frequency sweep and signal measurement for the signal Band5_1.4MHz_QPSK_20407_6RB#0. The plots include various parameters such as Center Freq, Ref Offset, Mkr1, and sweep settings.

- Top Left:** Center Freq 79.500 kHz, Ref Offset 7.61 dB, Ref 0.00 dBm, Mkr1 9.846 kHz -39.329 dBm. Sweep (#Swp) 174.0 ms (1001 pts).
- Top Right:** Center Freq 15.075000 MHz, Ref Offset 7.61 dB, Ref 10.00 dBm, Mkr1 180 kHz -49.827 dBm. Sweep (#Swp) 1.000 s (1001 pts).
- Second Row Left:** Center Freq 515.000000 MHz, Ref Offset 0.59 dB, Ref 20.00 dBm, Mkr1 828.3 MHz -47.822 dBm. Sweep (#Swp) 1.000 s (2001 pts).
- Second Row Right:** Center Freq 2.000000000 GHz, Ref Offset 5.99 dB, Ref 20.00 dBm, Mkr1 1.649 30 GHz -44.230 dBm. Sweep (#Swp) 1.000 s (40001 pts).
- Third Row Left:** Center Freq 8.500000000 GHz, Ref Offset 11.38 dB, Ref 20.00 dBm, Mkr1 3.143 500 GHz -43.530 dBm. Sweep (#Swp) 1.000 s (40001 pts).
- Third Row Right:** Center Freq 79.500 kHz, Ref Offset 7.61 dB, Ref 0.00 dBm, Mkr1 12.243 kHz -43.537 dBm. Sweep (#Swp) 174.0 ms (1001 pts).

Below each screenshot is a label indicating the frequency range and the signal type:

- Band5_1.4MHz_QPSK_20407_6RB#0_0.009~0.15
- Band5_1.4MHz_QPSK_20407_6RB#0_0.15~30
- Band5_1.4MHz_QPSK_20407_6RB#0_30~1000
- Band5_1.4MHz_QPSK_20407_6RB#0_1000~3000
- Band5_1.4MHz_QPSK_20407_6RB#0_3000~10000
- Band5_1.4MHz_QPSK_20525_6RB#0_0.009~0.15