

Company: : **Zxonic Technology, Inc.**

EUT : **SOUND LEVEL METER/ANALYZER**

Model Number : **ZX3300**

FCC ID : **2BTTP-ZX3300**

Report No. : **CTA25092602202**

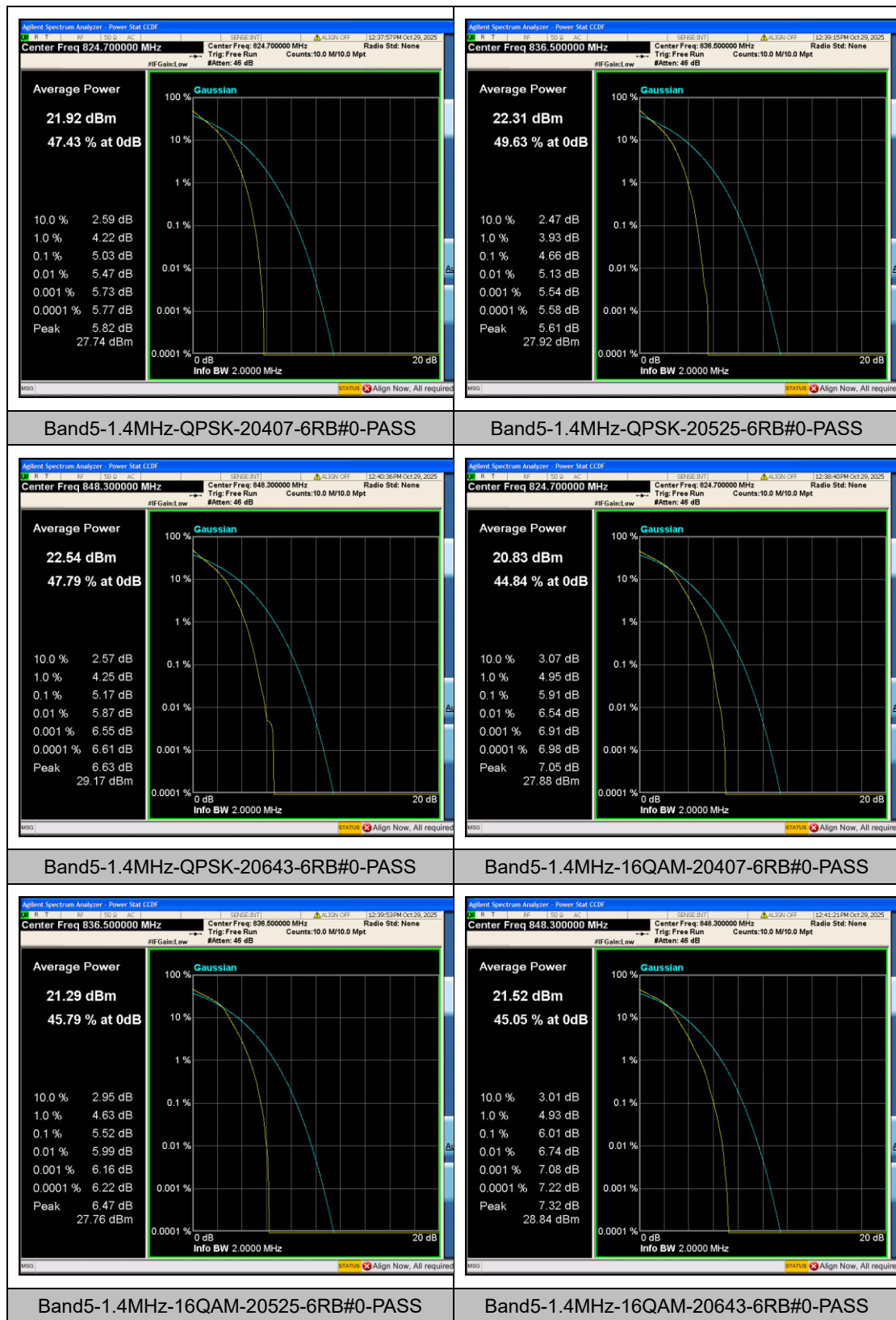
Reviewed By : **Eric Wang**

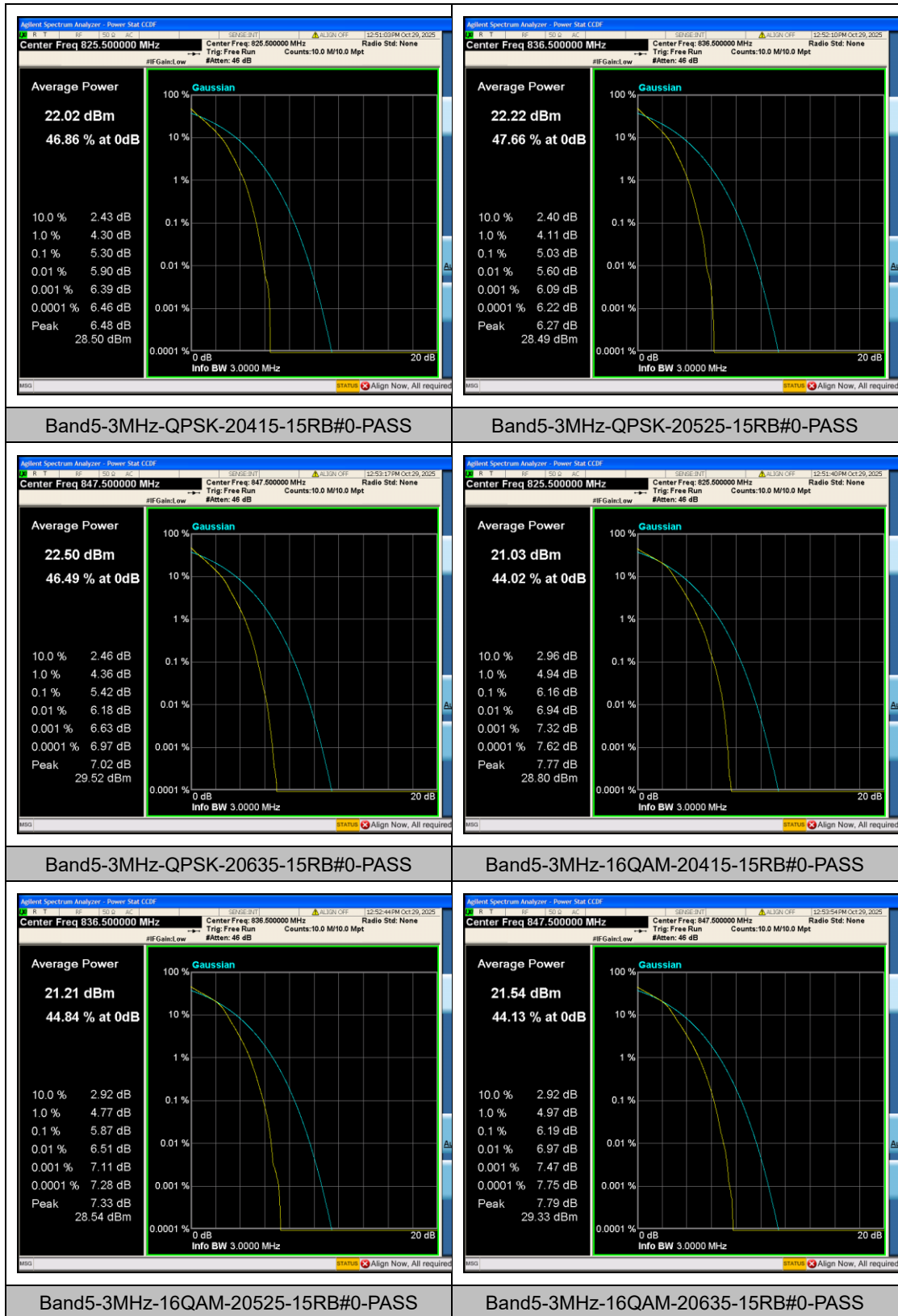
Appendix B: Peak-to-Average Ratio(CCDF)

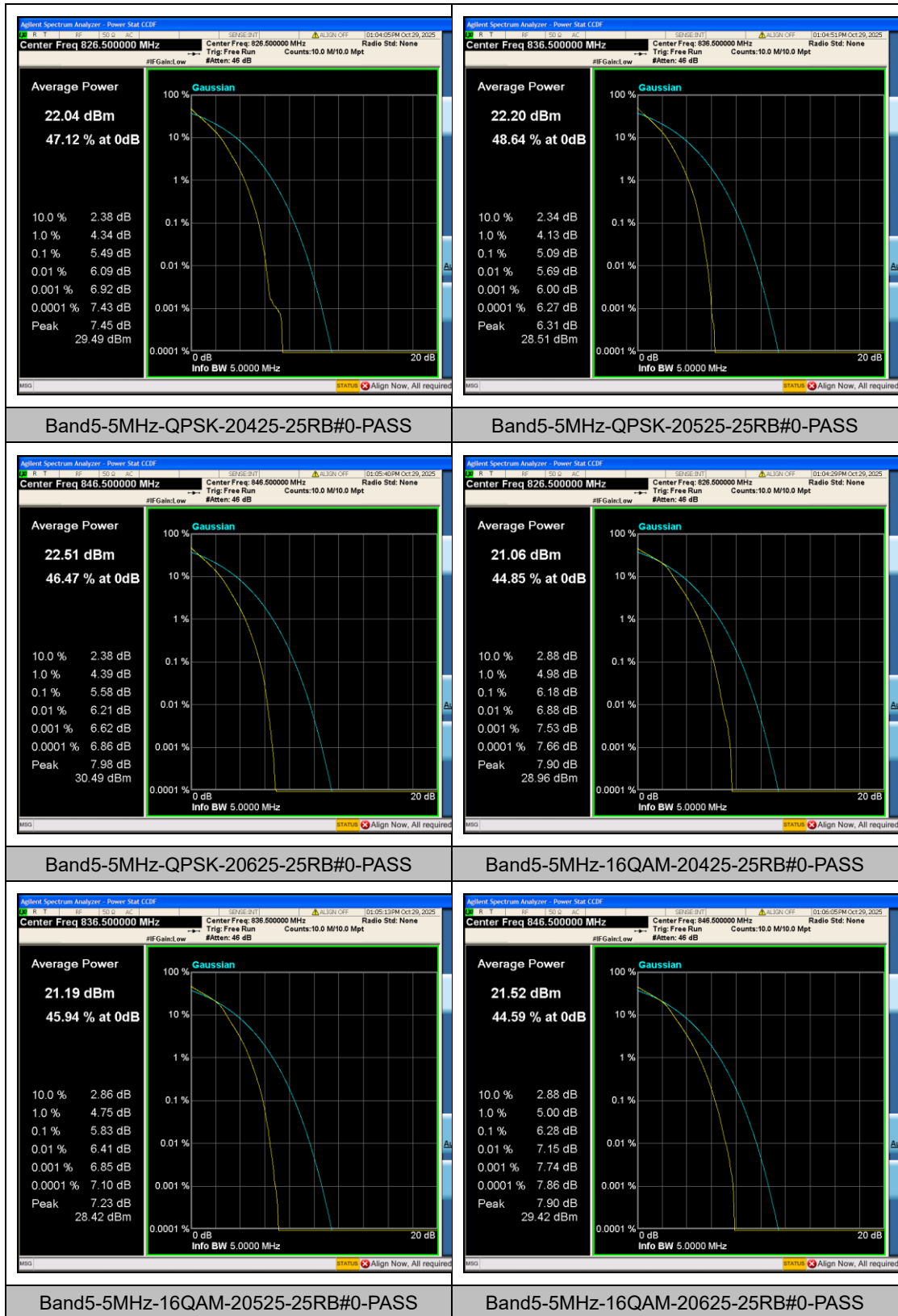
Test Result

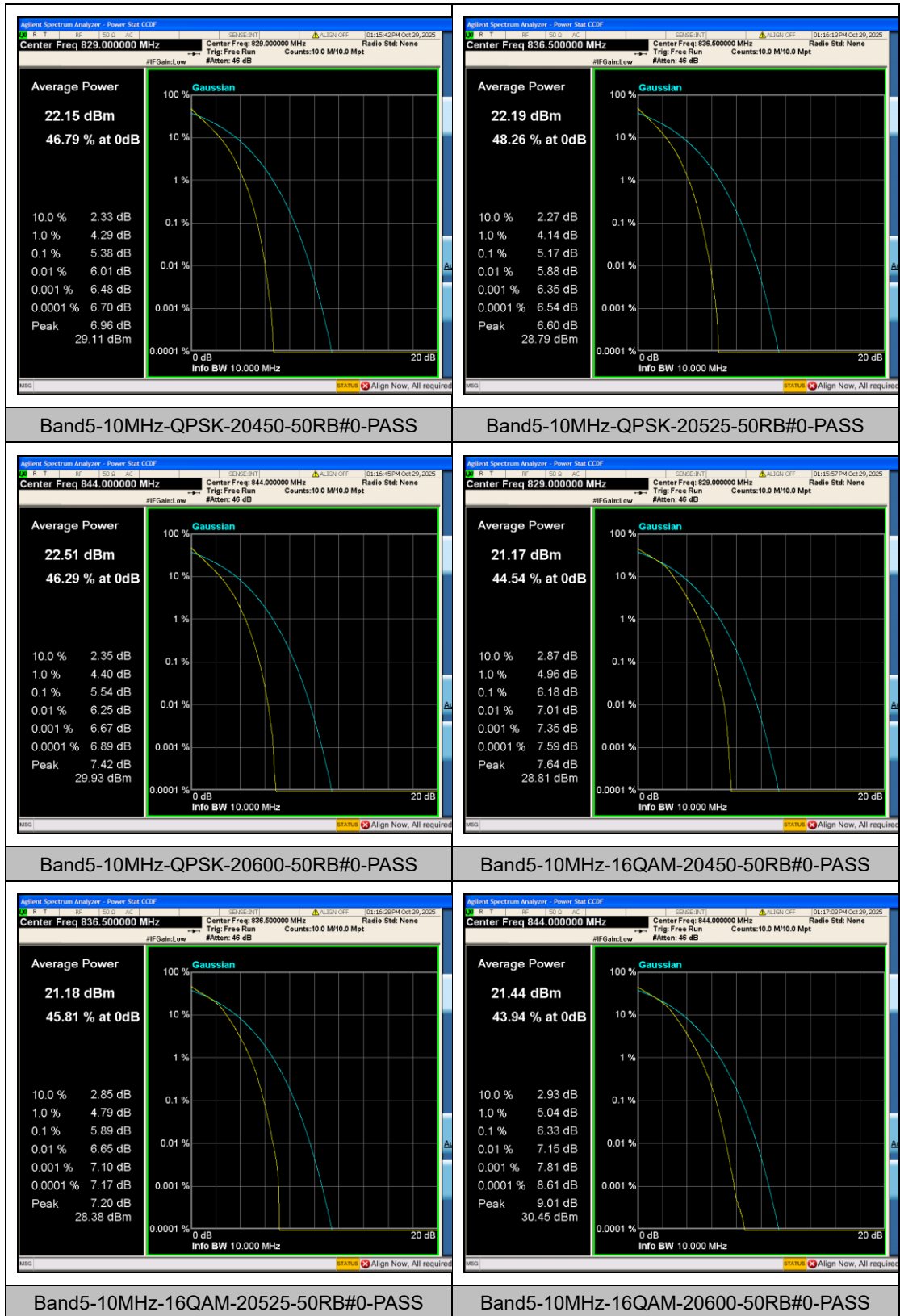
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.03	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.66	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.17	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.91	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.52	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.01	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.30	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.03	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.42	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.16	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.87	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.19	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.49	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.09	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.58	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.18	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.83	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.28	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.38	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.17	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.54	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.18	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.89	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.33	13	PASS

Test Graphs







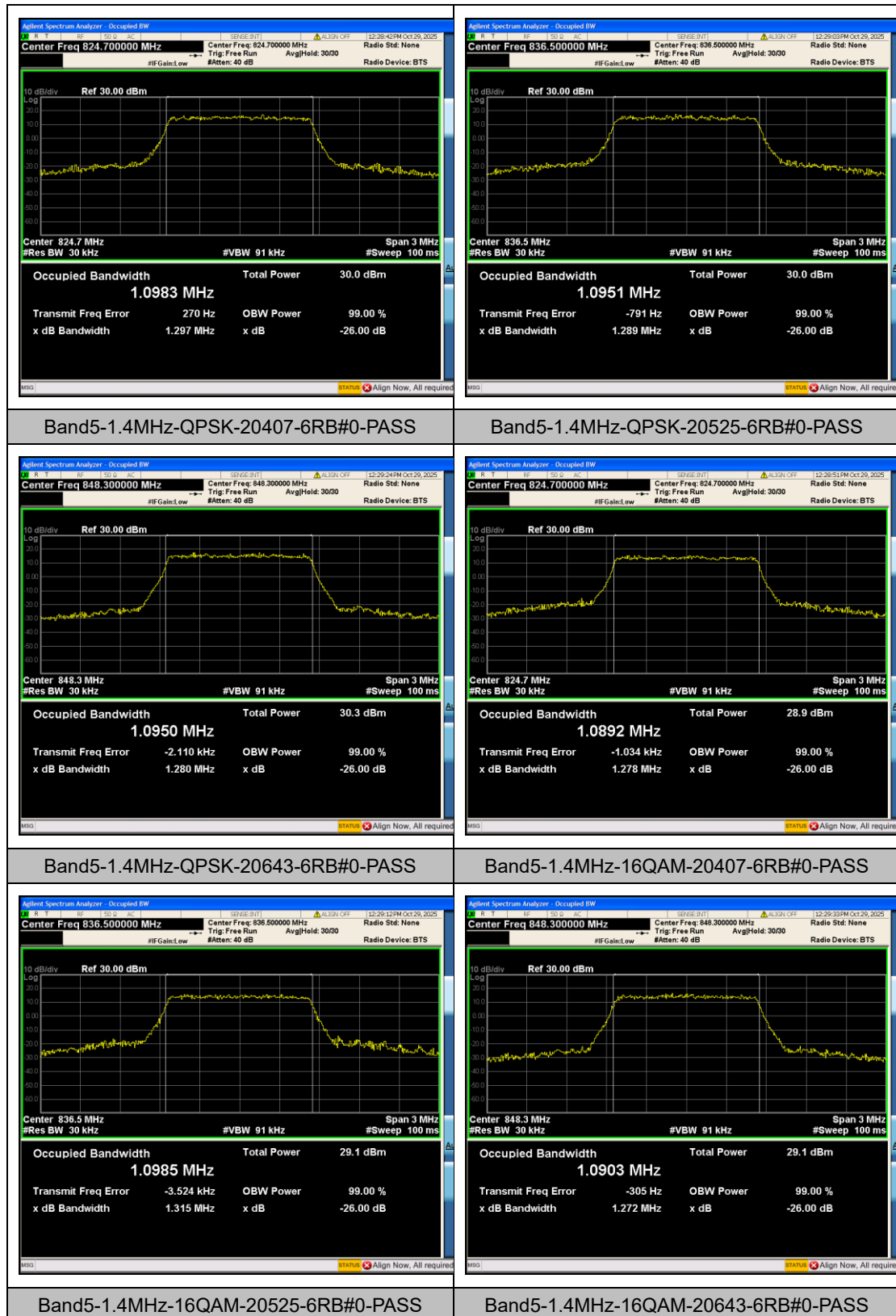


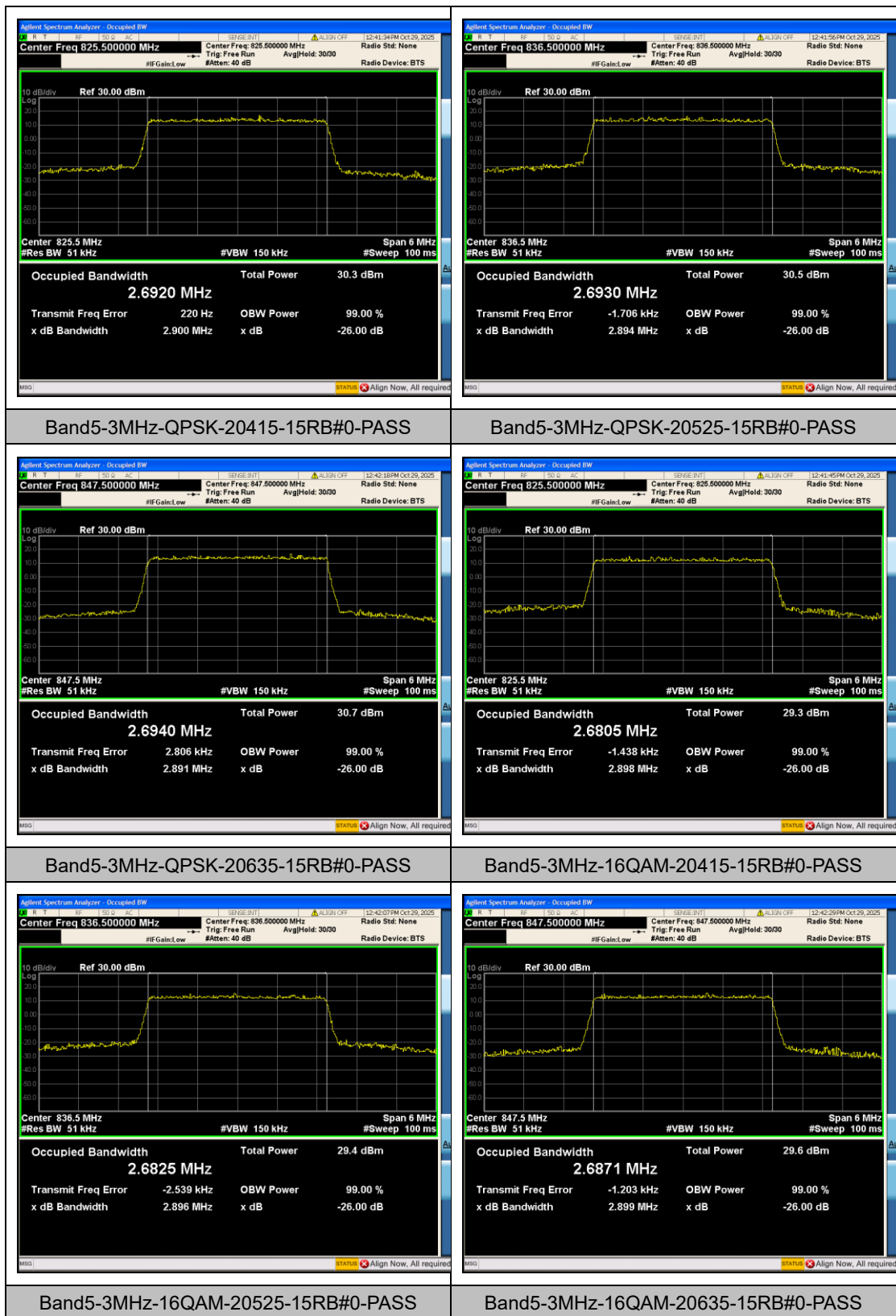
Appendix C: 26dB Bandwidth and Occupied Bandwidth

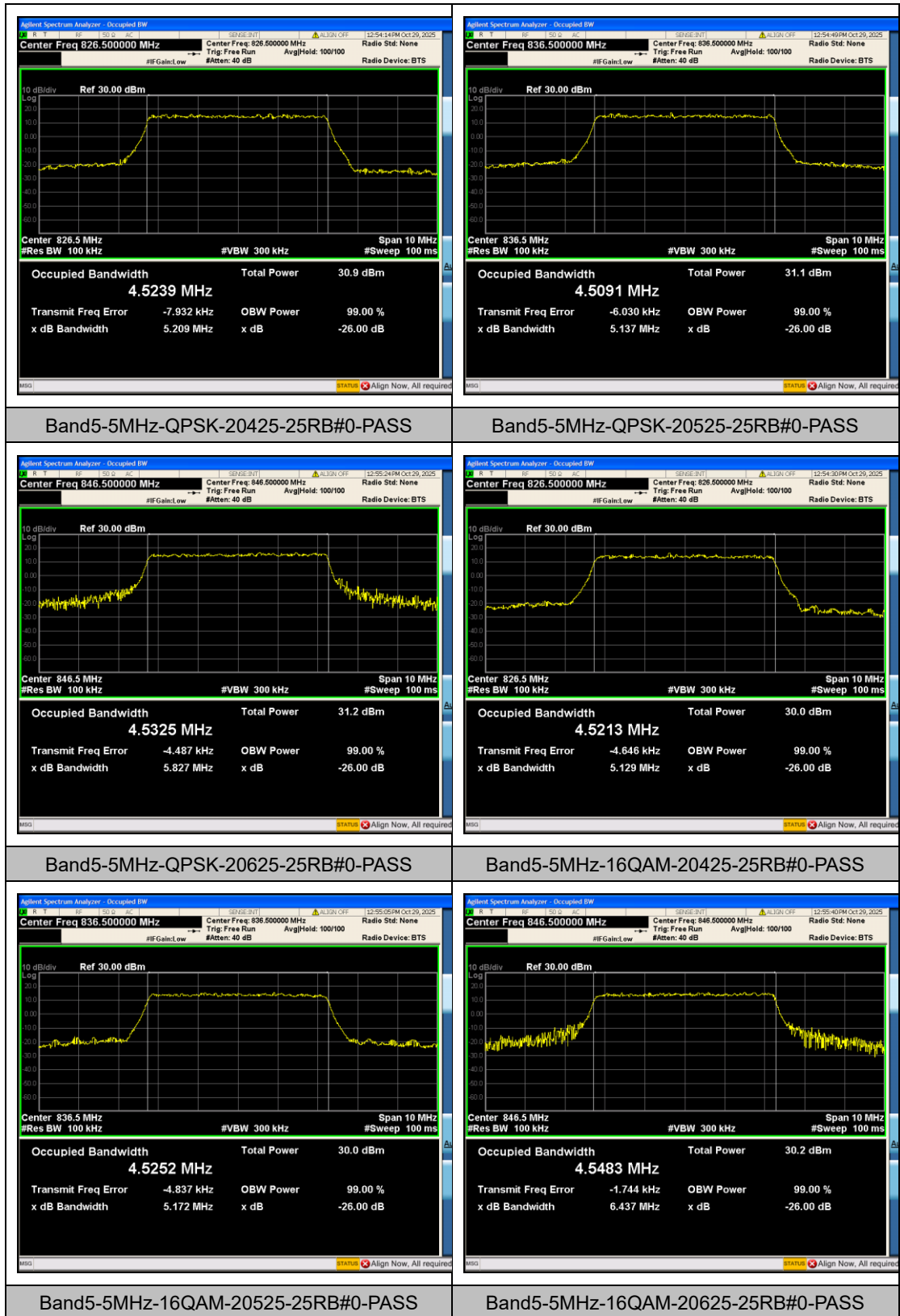
Test Result

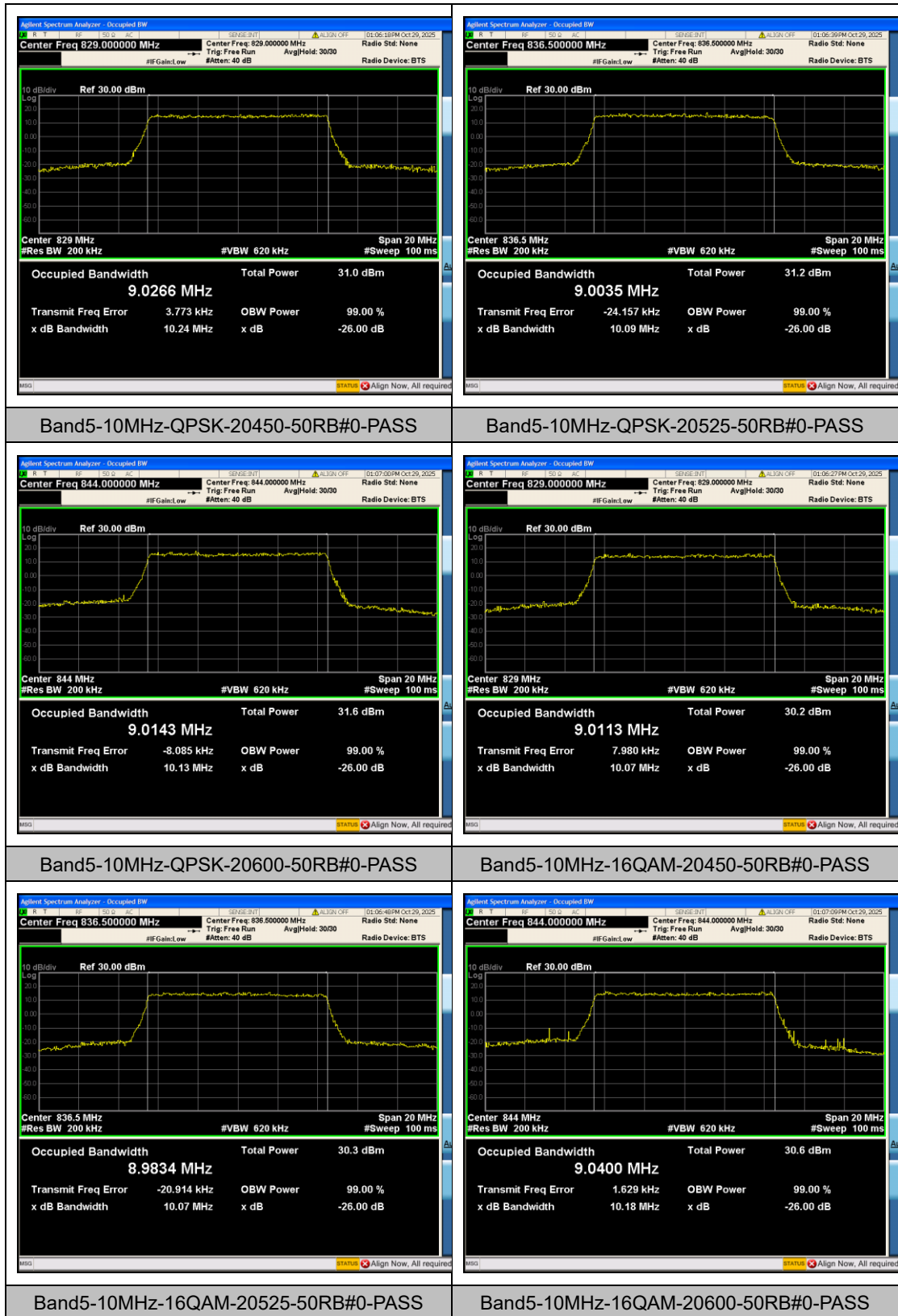
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0983	1.297	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0951	1.289	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0950	1.280	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0892	1.278	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0985	1.315	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0903	1.272	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6920	2.900	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6930	2.894	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6940	2.891	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6805	2.898	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6825	2.896	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6871	2.899	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5239	5.209	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5091	5.137	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5325	5.827	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5213	5.129	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5252	5.172	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5483	6.437	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0266	10.24	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0035	10.09	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.0143	10.13	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0113	10.07	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9834	10.07	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0400	10.18	PASS

Test Graphs







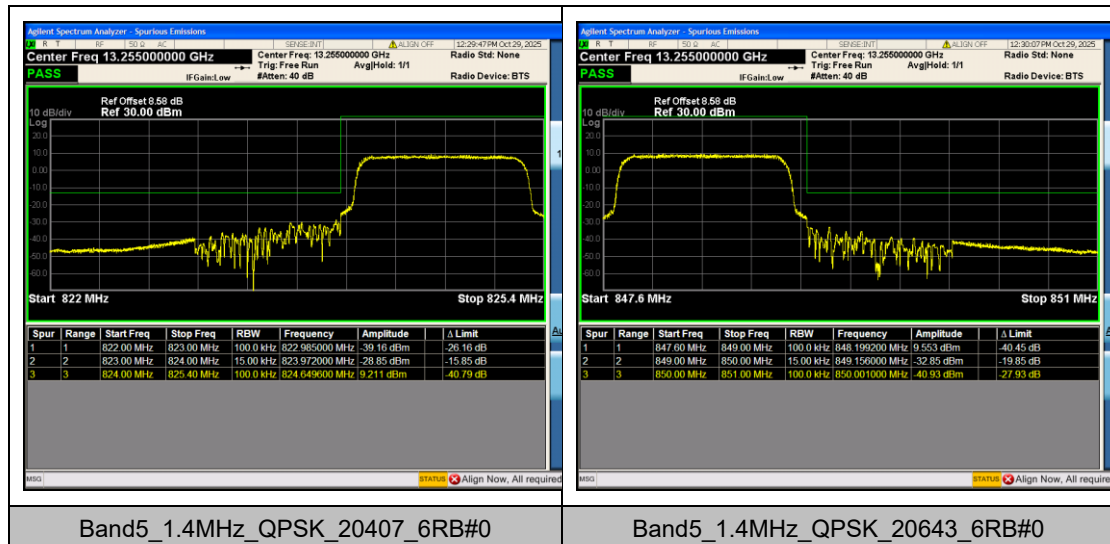


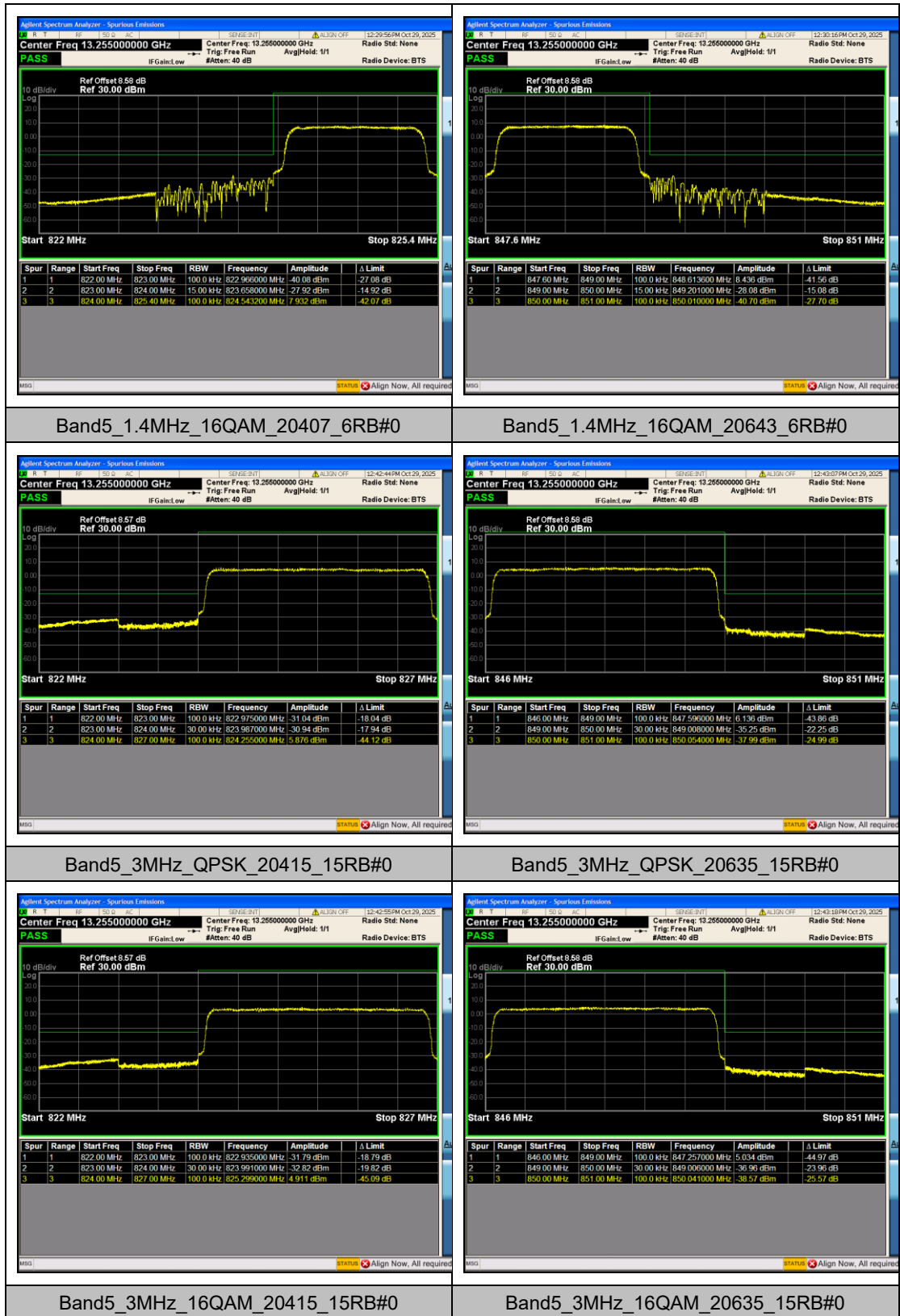
Appendix D: Band Edge

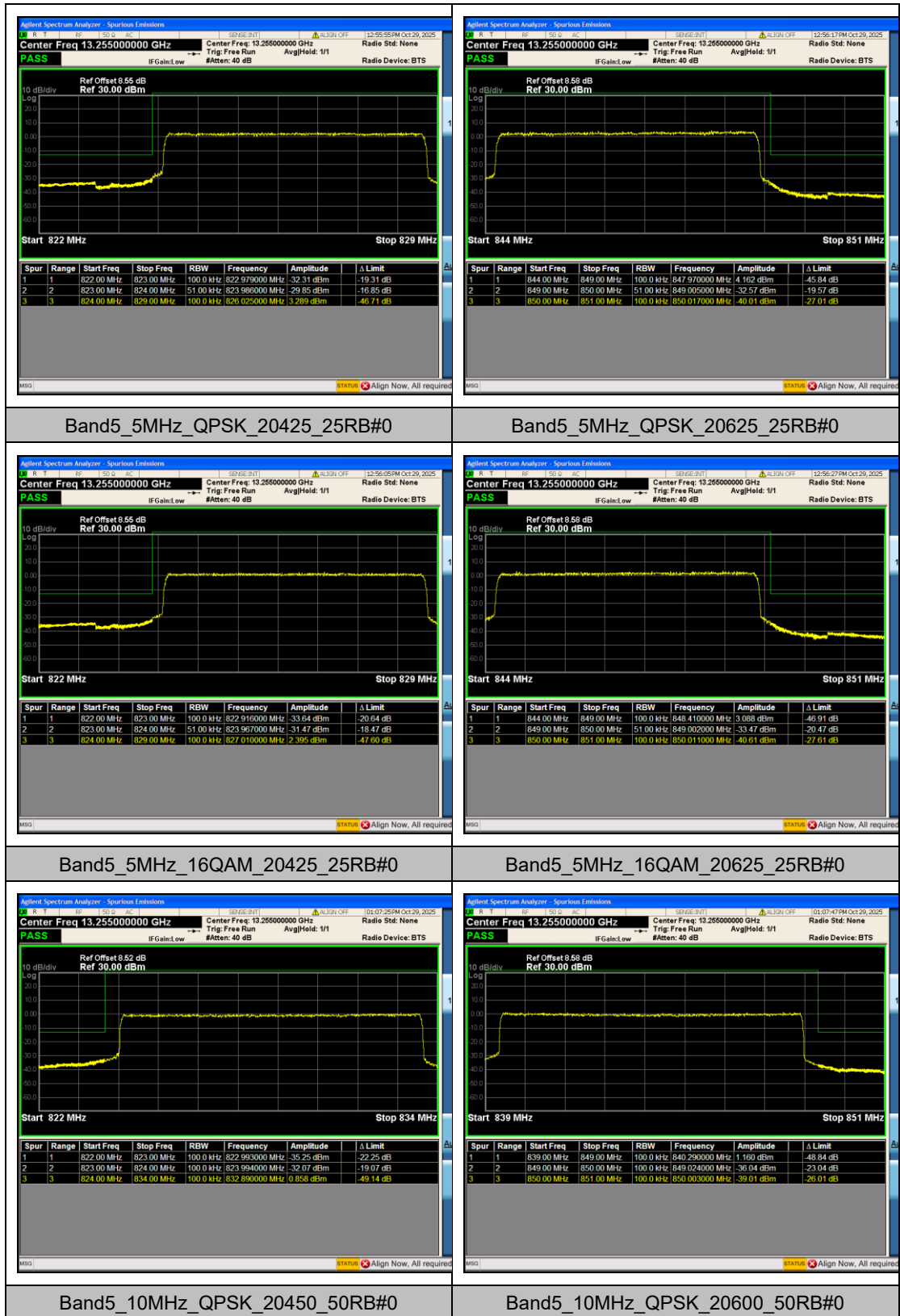
Test Result

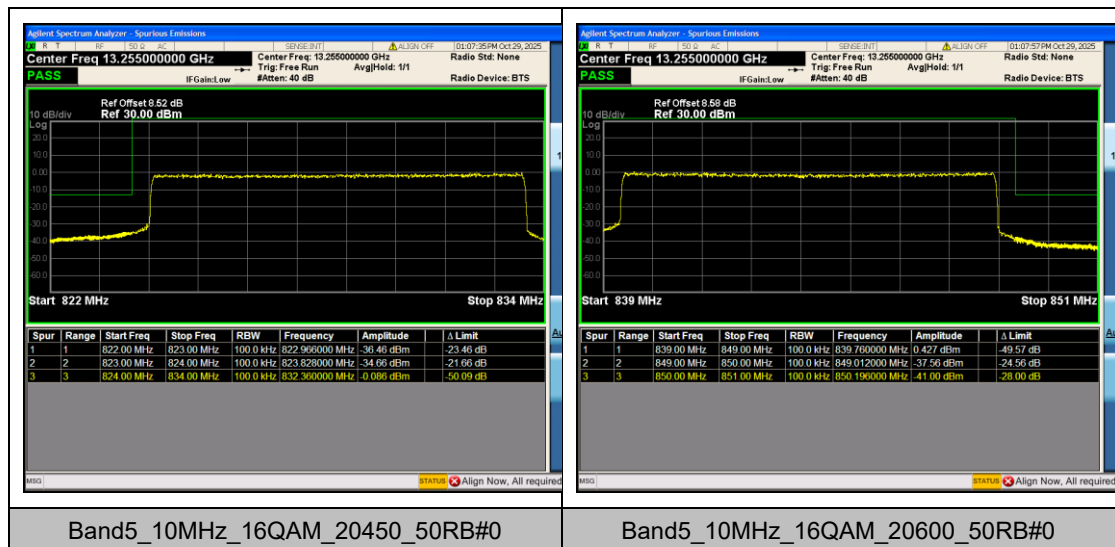
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-28.85	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-32.85	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-27.92	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-28.08	PASS
Band5	3MHz	QPSK	20415	15RB#0	-30.94	PASS
Band5	3MHz	QPSK	20635	15RB#0	-35.25	PASS
Band5	3MHz	16QAM	20415	15RB#0	-31.79	PASS
Band5	3MHz	16QAM	20635	15RB#0	-36.96	PASS
Band5	5MHz	QPSK	20425	25RB#0	-29.85	PASS
Band5	5MHz	QPSK	20625	25RB#0	-32.57	PASS
Band5	5MHz	16QAM	20425	25RB#0	-31.47	PASS
Band5	5MHz	16QAM	20625	25RB#0	-33.47	PASS
Band5	10MHz	QPSK	20450	50RB#0	-32.07	PASS
Band5	10MHz	QPSK	20600	50RB#0	-36.04	PASS
Band5	10MHz	16QAM	20450	50RB#0	-34.66	PASS
Band5	10MHz	16QAM	20600	50RB#0	-37.56	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	0.009~0.15	-43.38	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-55.00	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-45.95	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-46.88	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-43.74	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-42.04	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-53.16	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-49.33	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-46.80	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-43.16	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-43.14	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-54.03	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-48.51	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-47.03	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-43.51	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-42.62	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-52.74	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-48.26	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-46.87	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-43.67	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-42.02	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-50.80	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-50.97	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-46.53	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-43.79	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-37.61	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-53.56	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-48.79	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-46.70	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-43.83	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-42.71	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-54.44	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-47.37	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-46.84	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-44.05	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-40.17	PASS

Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-53.15	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-49.90	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-47.02	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-44.07	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-42.69	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-53.44	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-48.97	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-46.73	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-44.00	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-39.01	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-52.39	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-49.87	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-46.97	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-43.96	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-43.52	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-53.79	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-52.86	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-46.92	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-43.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-42.74	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-54.13	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-49.71	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-47.05	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-43.79	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-41.74	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-55.13	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-50.65	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-47.05	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-44.04	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-42.72	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-53.10	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-50.92	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-46.67	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-43.53	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-44.10	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-51.74	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-49.44	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-46.74	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-43.84	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-39.89	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-54.08	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-52.42	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-46.81	PASS

Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-43.92	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-40.84	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-53.41	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-52.33	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-47.03	PASS
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-43.96	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-40.54	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-51.52	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-49.12	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-46.48	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-42.98	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-40.15	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-53.04	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-57.71	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-46.64	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-44.00	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-42.15	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-54.66	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-62.04	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-47.02	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-43.56	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-39.77	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-54.56	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-53.81	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-46.84	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-44.07	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-42.77	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-52.31	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-57.94	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-47.17	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-44.00	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-43.79	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-56.08	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-62.39	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-46.71	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-43.83	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-41.49	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-51.18	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-55.25	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-47.00	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-43.77	PASS

Test Graphs

