

Appendix-A LTE Band 5

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.77	21.92	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.78	21.93	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.81	21.96	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.1	21.25	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.03	21.18	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.31	21.46	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.03	21.18	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.05	20.2	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	22.4	20.55	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.99	20.14	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	22.27	20.42	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.95	19.1	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#0	19.05	17.2	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#2	18.85	17	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#5	19.06	17.21	38.45	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	19	17.15	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.74	21.89	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.79	21.94	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.83	21.98	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.07	21.22	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23	21.15	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.22	21.37	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.11	21.26	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.11	20.26	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	22.01	20.16	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	22.44	20.59	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	22.32	20.47	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.93	19.08	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#0	18.92	17.07	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#2	19.02	17.17	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#5	19.12	17.27	38.45	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	18.86	17.01	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.46	21.61	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.55	21.7	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.48	21.63	38.45	PASS

Band5	1.4MHz	QPSK	20643	6RB#0	22.92	21.07	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.47	20.62	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.79	20.94	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.04	21.19	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.91	20.06	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.74	19.89	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	22.08	20.23	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	22.05	20.2	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.7	18.85	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#0	18.7	16.85	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#2	18.76	16.91	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#5	18.79	16.94	38.45	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	18.77	16.92	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.73	21.88	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.86	22.01	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.71	21.86	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.19	21.34	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.9	21.05	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.18	21.33	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.17	21.32	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.25	20.4	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	22.2	20.35	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	22.43	20.58	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	22.11	20.26	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	21.07	19.22	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#0	18.81	16.96	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#8	19.36	17.51	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#14	19.35	17.5	38.45	PASS
Band5	3MHz	256QAM	20415	15RB#0	19.08	17.23	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.75	21.9	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.8	21.95	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.68	21.83	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.17	21.32	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.92	21.07	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.02	21.17	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.09	21.24	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.08	20.23	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	22.18	20.33	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	22.29	20.44	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	22.32	20.47	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	21	19.15	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#0	18.96	17.11	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#8	19.03	17.18	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#14	19.29	17.44	38.45	PASS

Band5	3MHz	256QAM	20525	15RB#0	19.02	17.17	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.43	21.58	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.59	21.74	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.48	21.63	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.94	21.09	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.62	20.77	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	23	21.15	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.92	21.07	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.95	20.1	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	22.08	20.23	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	22.2	20.35	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.96	20.11	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.96	19.11	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#0	18.76	16.91	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#8	18.89	17.04	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#14	18.88	17.03	38.45	PASS
Band5	3MHz	256QAM	20635	15RB#0	18.73	16.88	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.87	22.02	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.81	21.96	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.96	22.11	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.22	21.37	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.32	21.47	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.98	21.13	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.43	21.58	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.23	20.38	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	22.28	20.43	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	22.24	20.39	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	22.27	20.42	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	21.12	19.27	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#0	18.98	17.13	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#12	19.15	17.3	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#24	19.08	17.23	38.45	PASS
Band5	5MHz	256QAM	20425	25RB#0	19.07	17.22	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.87	22.02	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.93	22.08	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.84	21.99	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.18	21.33	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.14	21.29	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.24	21.39	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.17	21.32	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.13	20.28	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	22.23	20.38	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	22.12	20.27	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.97	20.12	38.45	PASS

Band5	5MHz	64QAM	20525	25RB#0	21.01	19.16	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#0	18.94	17.09	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#12	18.97	17.12	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#24	19.16	17.31	38.45	PASS
Band5	5MHz	256QAM	20525	25RB#0	19.02	17.17	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.63	21.78	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.7	21.85	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.65	21.8	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.98	21.13	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.05	21.2	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.99	21.14	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.07	21.22	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.94	20.09	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.96	20.11	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	22.04	20.19	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	22.03	20.18	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.88	19.03	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#0	18.86	17.01	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#12	18.96	17.11	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#24	18.93	17.08	38.45	PASS
Band5	5MHz	256QAM	20625	25RB#0	18.73	16.88	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.81	21.96	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.98	22.13	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.78	21.93	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.36	21.51	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.09	21.24	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.32	21.47	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.39	21.54	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.28	20.43	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	22.05	20.2	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	22.44	20.59	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	22.32	20.47	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	21.15	19.3	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#0	19.33	17.48	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#24	19.25	17.4	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#49	19.32	17.47	38.45	PASS
Band5	10MHz	256QAM	20450	50RB#0	19.16	17.31	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.68	21.83	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.84	21.99	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.71	21.86	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.23	21.38	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.3	21.45	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.1	21.25	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.09	21.24	38.45	PASS

Band5	10MHz	16QAM	20525	50RB#0	22.21	20.36	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.98	20.13	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	22.06	20.21	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.86	20.01	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.98	19.13	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#0	19.02	17.17	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#24	19.08	17.23	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#49	19.1	17.25	38.45	PASS
Band5	10MHz	256QAM	20525	50RB#0	19.06	17.21	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.55	21.7	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.62	21.77	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.65	21.8	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.06	21.21	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.95	21.1	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.28	21.43	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23	21.15	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.14	20.29	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	22.06	20.21	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	22.19	20.34	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	22.05	20.2	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.97	19.12	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#0	19.01	17.16	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#24	18.94	17.09	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#49	19.13	17.28	38.45	PASS
Band5	10MHz	256QAM	20600	50RB#0	18.99	17.14	38.45	PASS

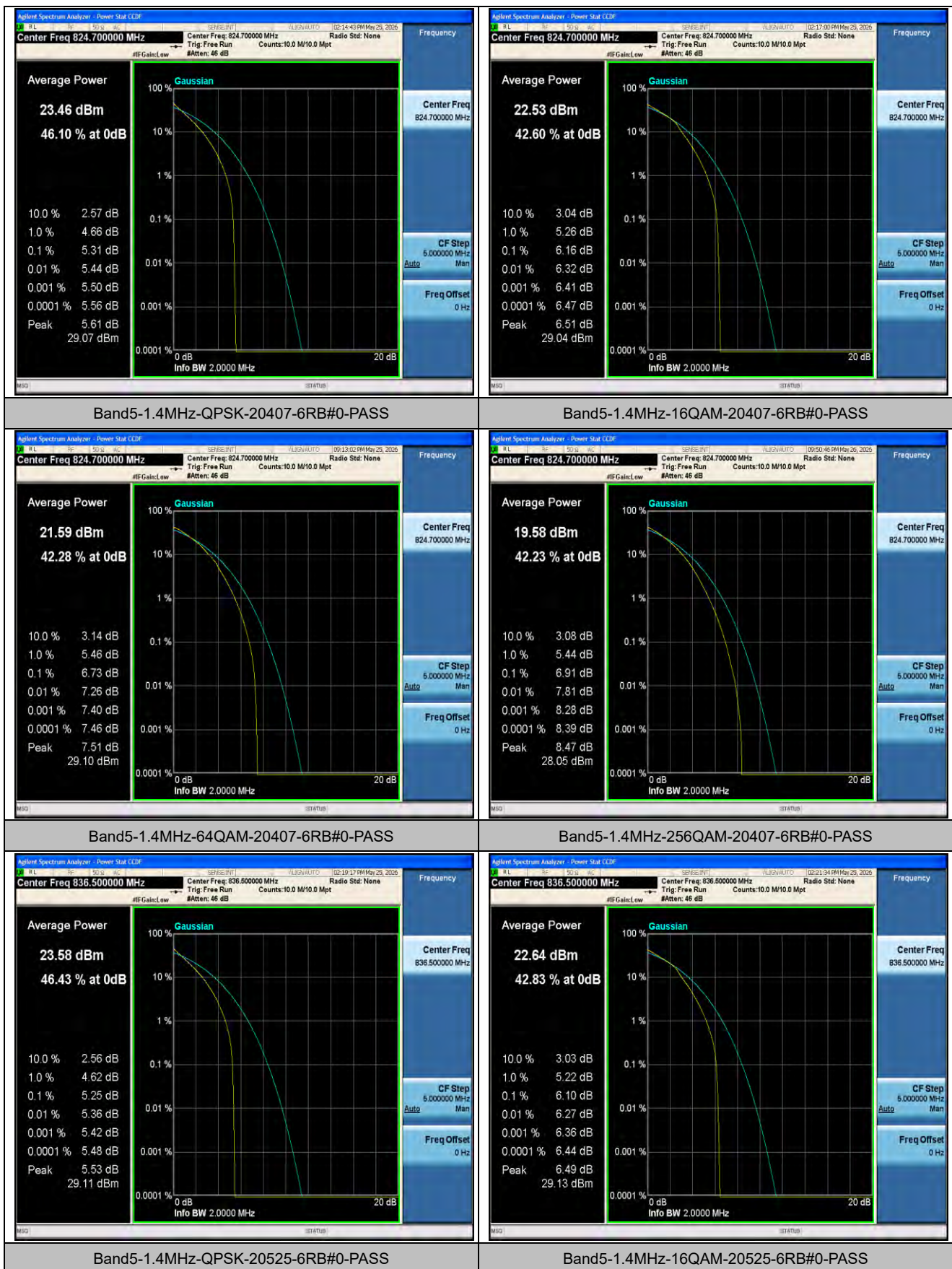
Peak-to-Average Ratio(CCDF)

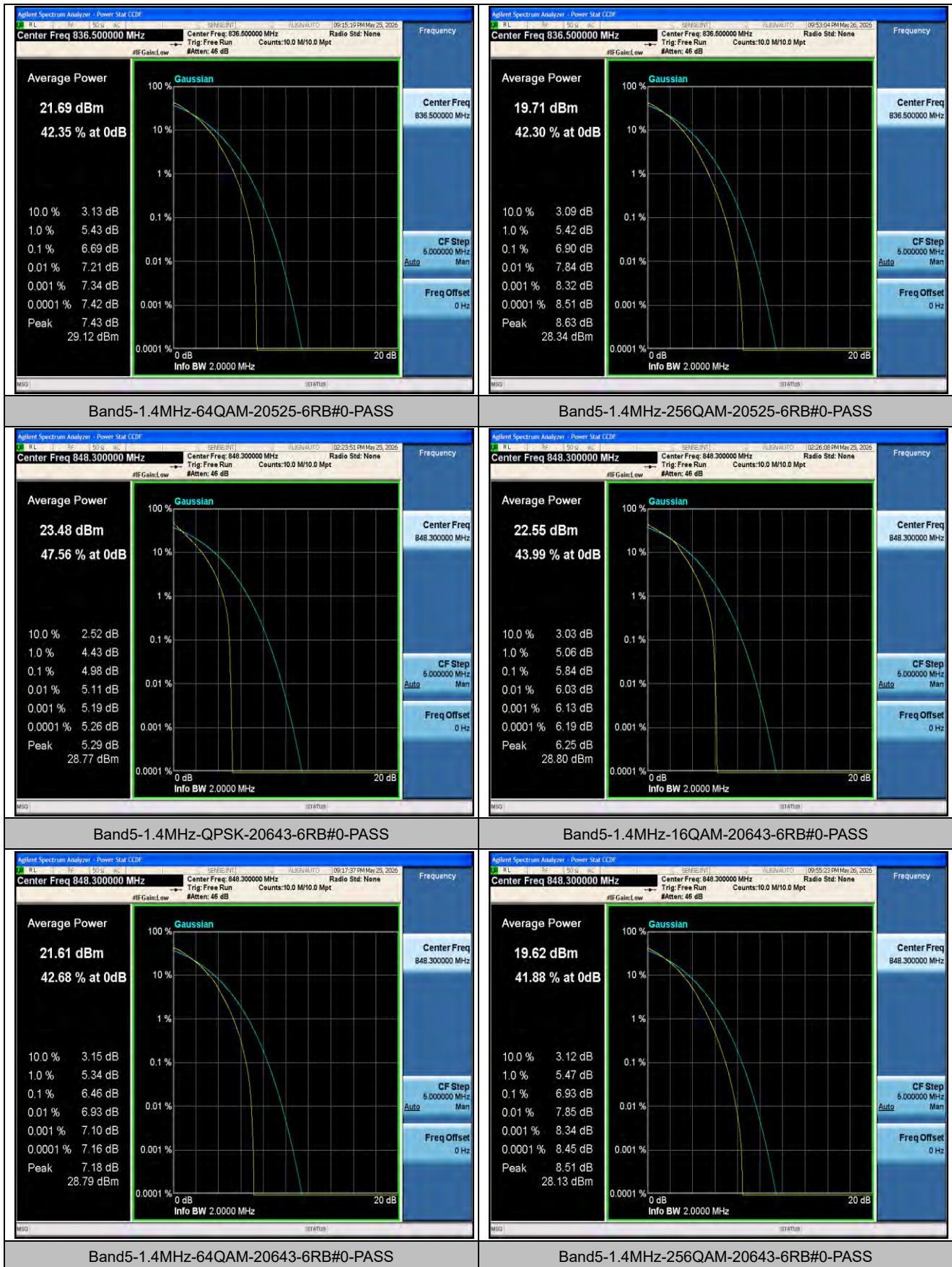
Test Result

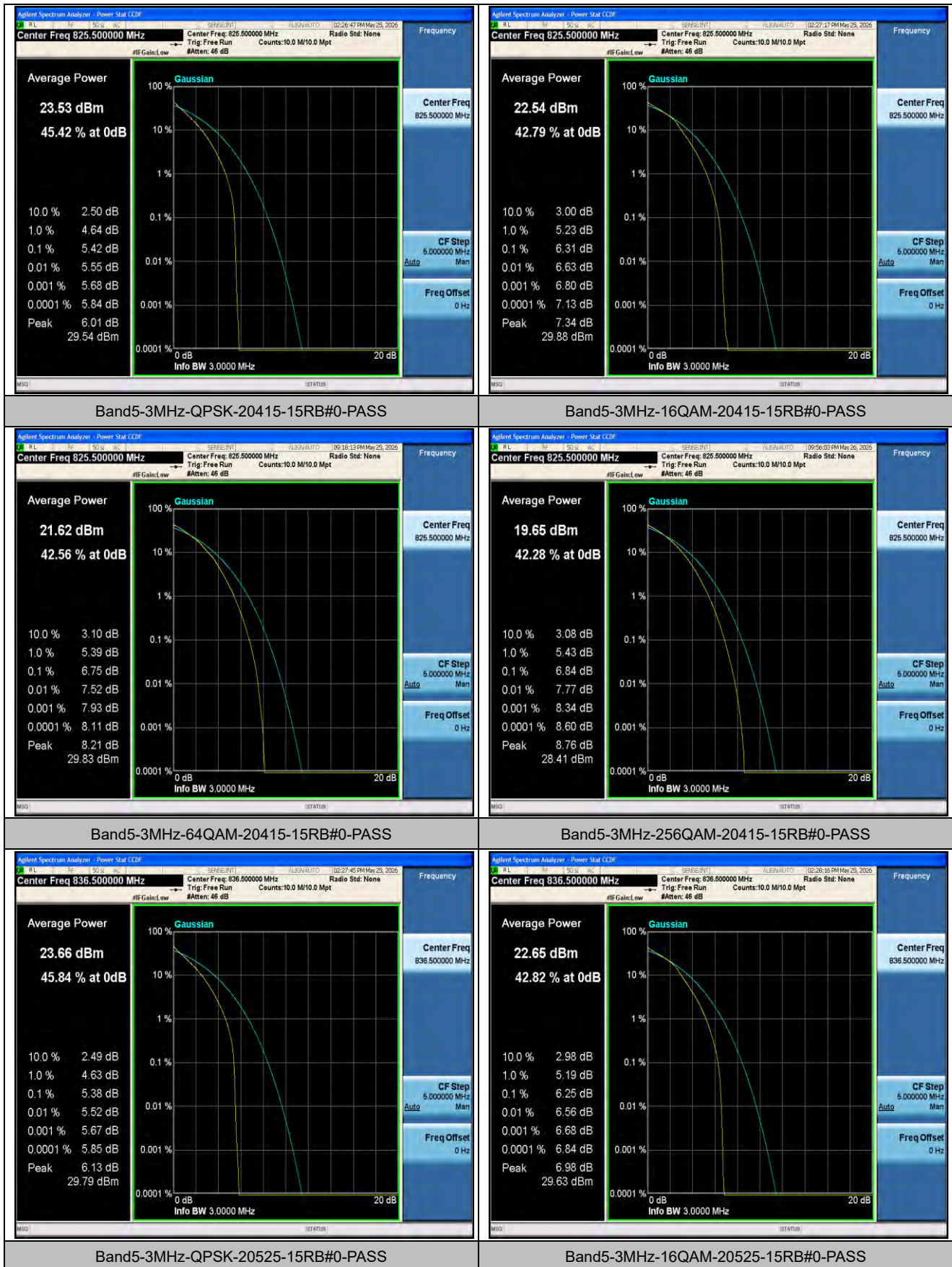
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.31	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.16	13	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	6.73	13	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	6.91	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.25	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.10	13	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	6.69	13	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	6.90	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.98	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.84	13	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	6.46	13	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	6.93	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.42	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.31	13	PASS
Band5	3MHz	64QAM	20415	15RB#0	6.75	13	PASS
Band5	3MHz	256QAM	20415	15RB#0	6.84	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.38	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.25	13	PASS
Band5	3MHz	64QAM	20525	15RB#0	6.75	13	PASS
Band5	3MHz	256QAM	20525	15RB#0	6.82	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.25	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.13	13	PASS
Band5	3MHz	64QAM	20635	15RB#0	6.61	13	PASS
Band5	3MHz	256QAM	20635	15RB#0	6.86	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.36	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.26	13	PASS
Band5	5MHz	64QAM	20425	25RB#0	6.67	13	PASS
Band5	5MHz	256QAM	20425	25RB#0	6.76	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.42	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.25	13	PASS
Band5	5MHz	64QAM	20525	25RB#0	6.74	13	PASS
Band5	5MHz	256QAM	20525	25RB#0	6.84	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.33	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.16	13	PASS
Band5	5MHz	64QAM	20625	25RB#0	6.62	13	PASS
Band5	5MHz	256QAM	20625	25RB#0	6.82	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.21	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.08	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.62	13	PASS

Band5	10MHz	256QAM	20450	50RB#0	6.78	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.20	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.08	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.62	13	PASS
Band5	10MHz	256QAM	20525	50RB#0	6.78	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.19	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.05	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.56	13	PASS
Band5	10MHz	256QAM	20600	50RB#0	6.89	13	PASS

Test Graphs





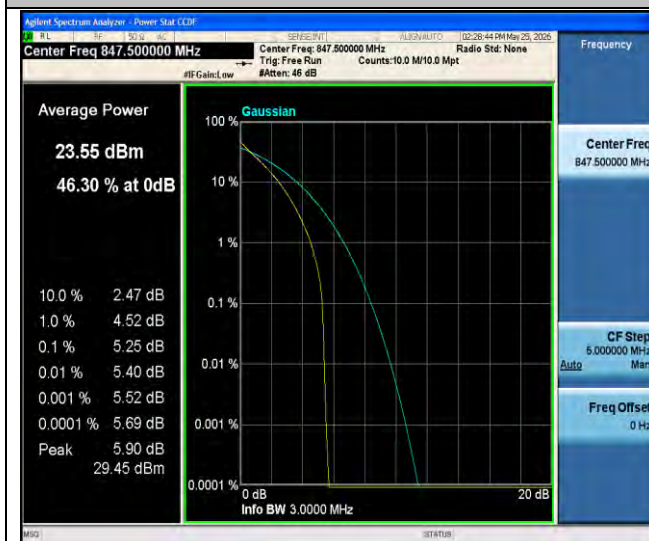




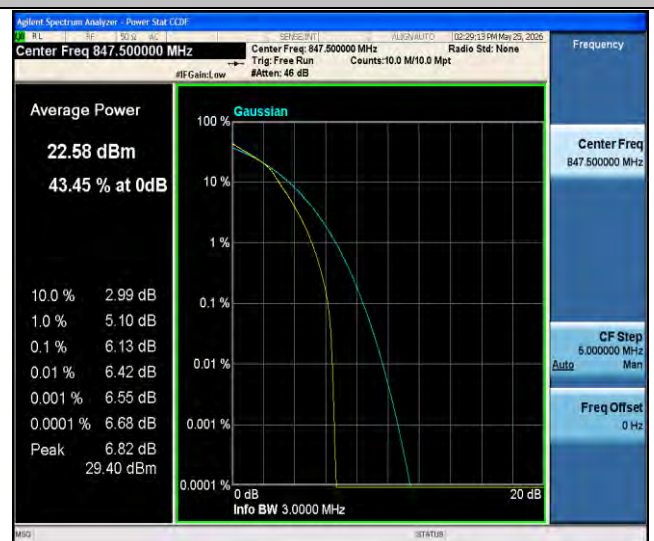
Band5-3MHz-64QAM-20525-15RB#0-PASS



Band5-3MHz-256QAM-20525-15RB#0-PASS



Band5-3MHz-QPSK-20635-15RB#0-PASS



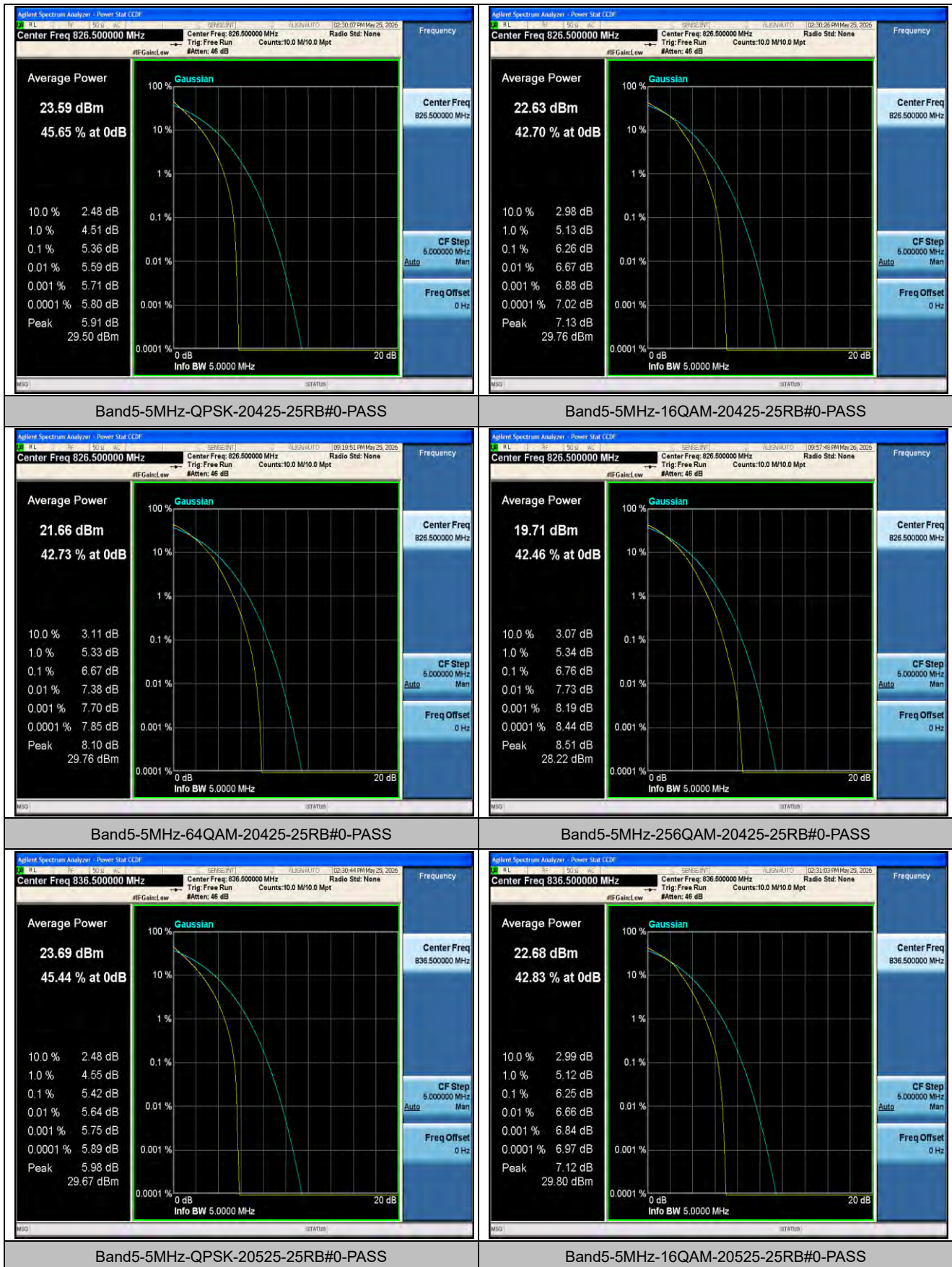
Band5-3MHz-16QAM-20635-15RB#0-PASS

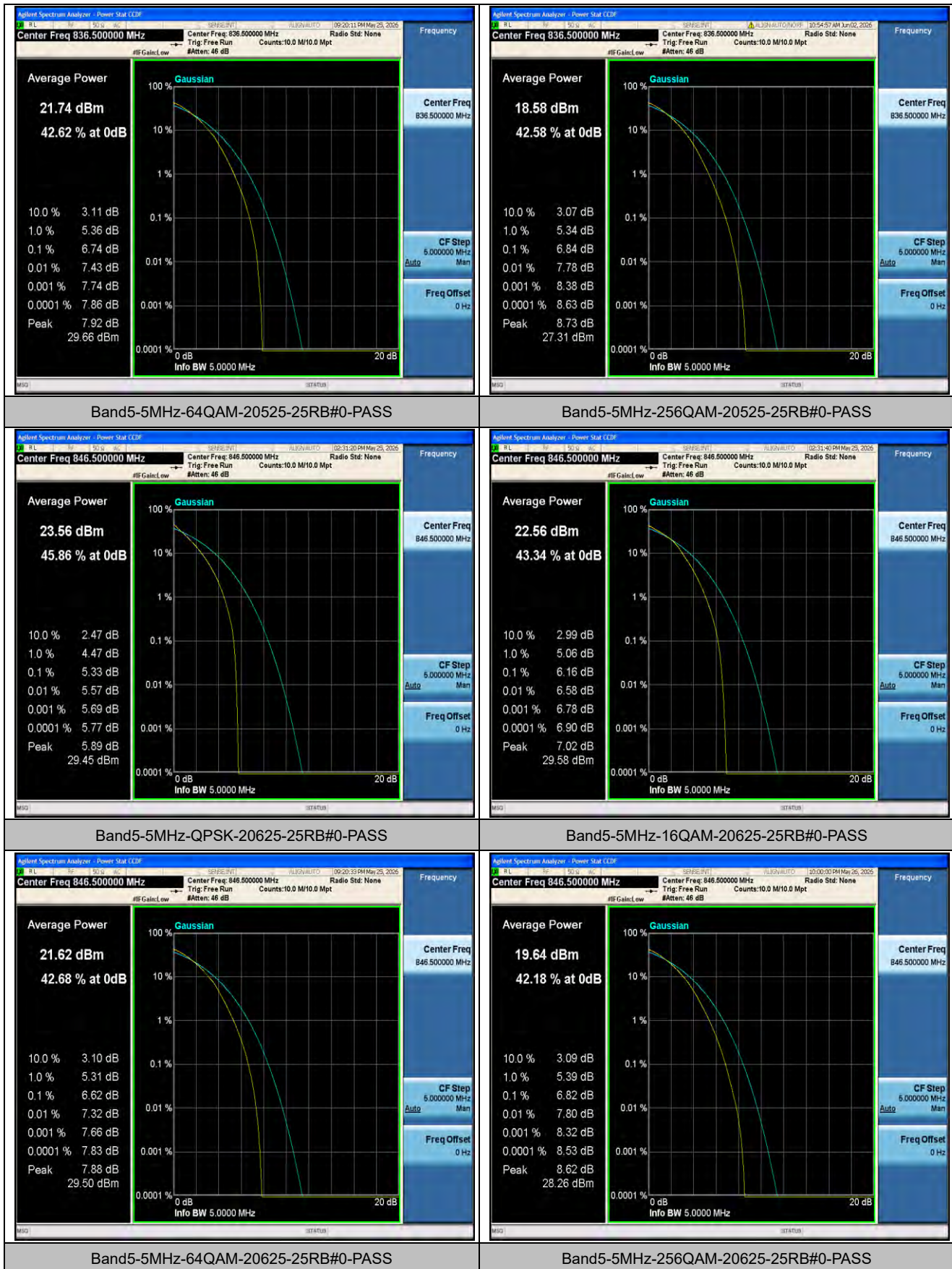


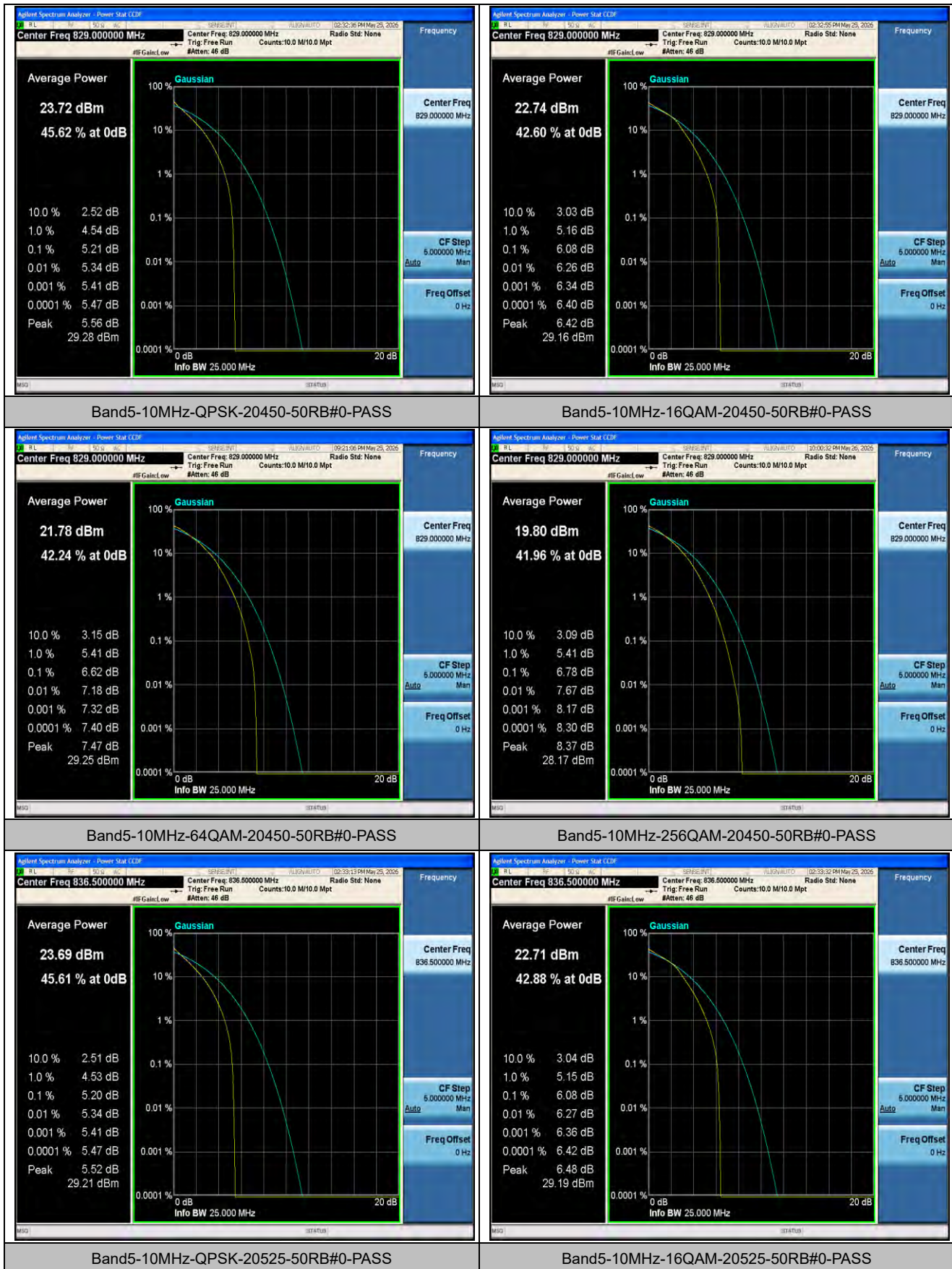
Band5-3MHz-64QAM-20635-15RB#0-PASS

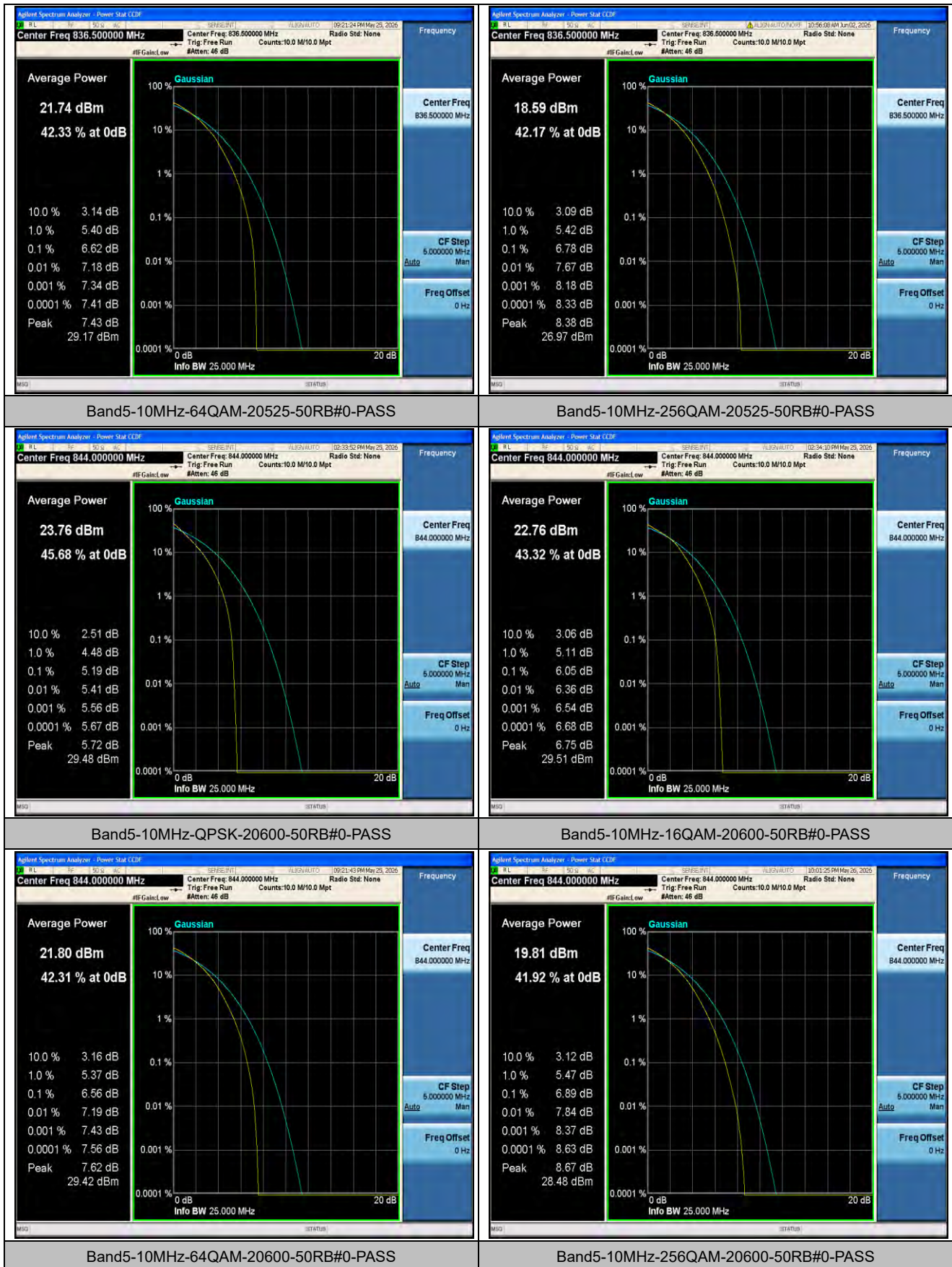


Band5-3MHz-256QAM-20635-15RB#0-PASS









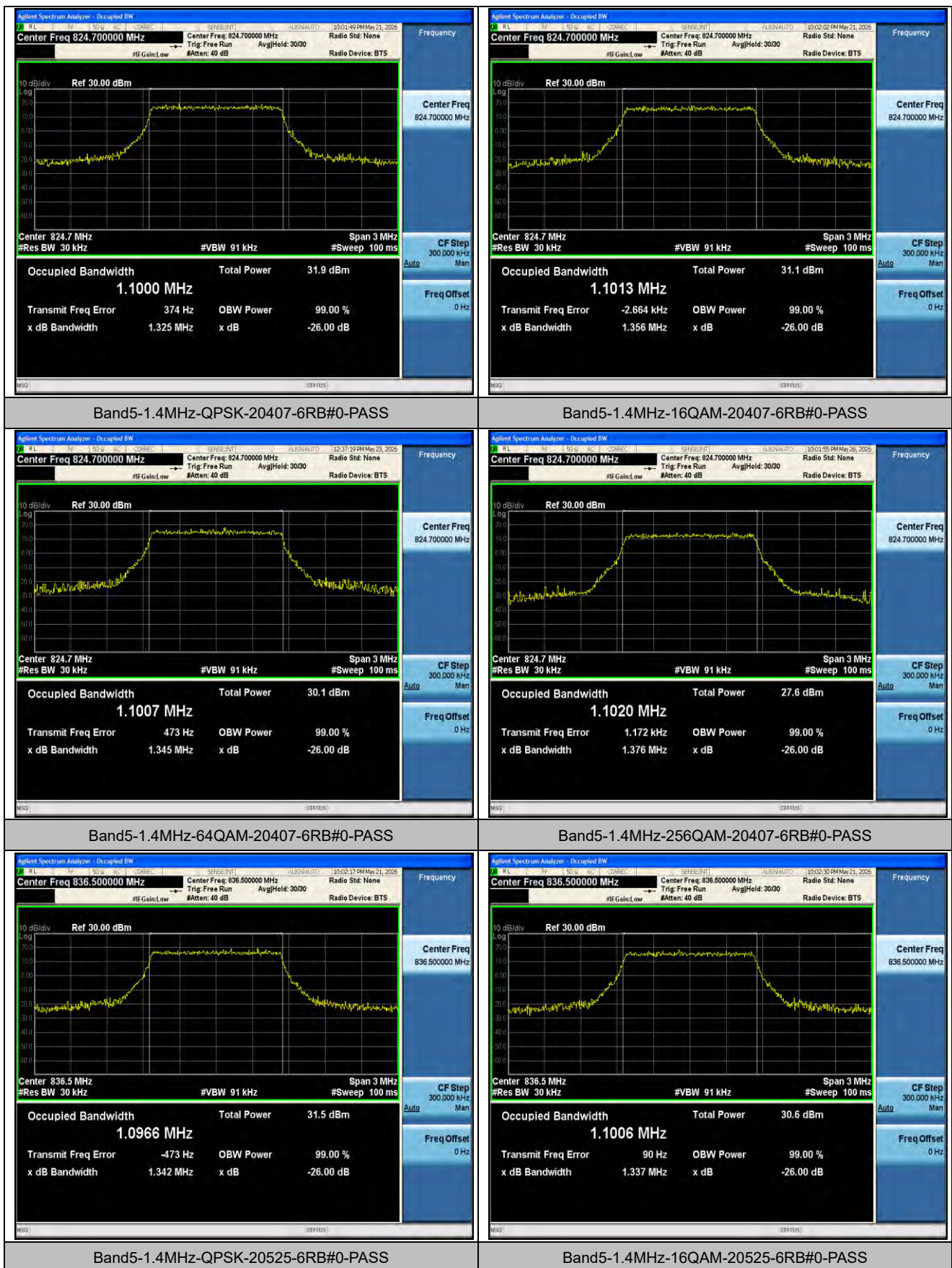
26dB Bandwidth and Occupied Bandwidth

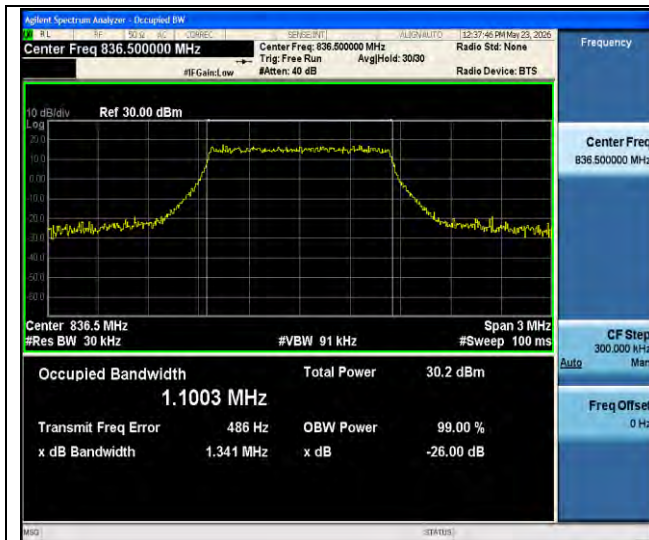
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.1000	1.325	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1013	1.356	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.1007	1.345	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	1.1020	1.376	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0966	1.342	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1006	1.337	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.1003	1.341	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	1.1004	1.335	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1014	1.364	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1017	1.378	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.0993	1.359	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	1.1011	1.351	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7000	3.053	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7057	3.035	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.7006	3.054	PASS
Band5	3MHz	256QAM	20415	15RB#0	2.7012	3.026	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6990	3.045	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7023	3.074	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.7012	3.021	PASS
Band5	3MHz	256QAM	20525	15RB#0	2.6993	3.031	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6963	3.024	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6999	3.064	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.6958	3.026	PASS
Band5	3MHz	256QAM	20635	15RB#0	2.7015	3.046	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5125	5.189	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5063	5.204	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.5069	5.188	PASS
Band5	5MHz	256QAM	20425	25RB#0	4.5041	5.148	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5104	5.094	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5058	5.182	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.5084	5.214	PASS
Band5	5MHz	256QAM	20525	25RB#0	4.5060	5.148	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5147	5.145	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5126	5.145	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.5130	5.188	PASS
Band5	5MHz	256QAM	20625	25RB#0	4.4986	5.154	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0034	10.12	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9879	9.994	PASS

Band5	10MHz	64QAM	20450	50RB#0	8.9839	10.02	PASS
Band5	10MHz	256QAM	20450	50RB#0	8.9773	10.06	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9787	10.03	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9919	10.11	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.9827	9.955	PASS
Band5	10MHz	256QAM	20525	50RB#0	9.0037	9.970	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9994	10.01	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0003	10.08	PASS
Band5	10MHz	64QAM	20600	50RB#0	9.0045	10.03	PASS
Band5	10MHz	256QAM	20600	50RB#0	8.9837	10.01	PASS

Test Graphs

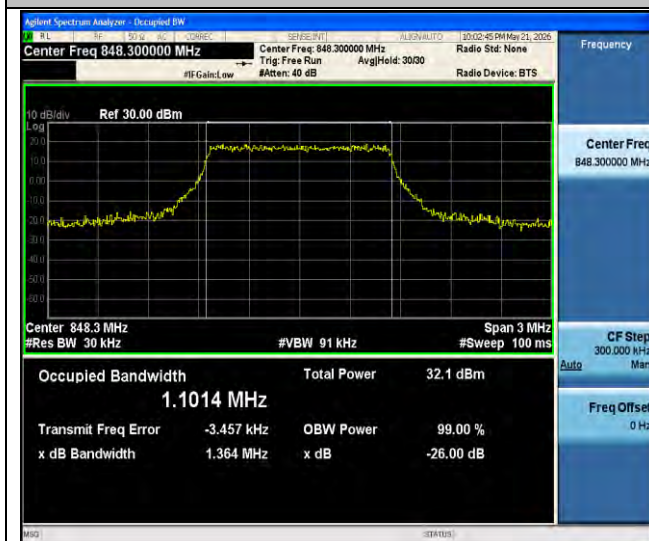




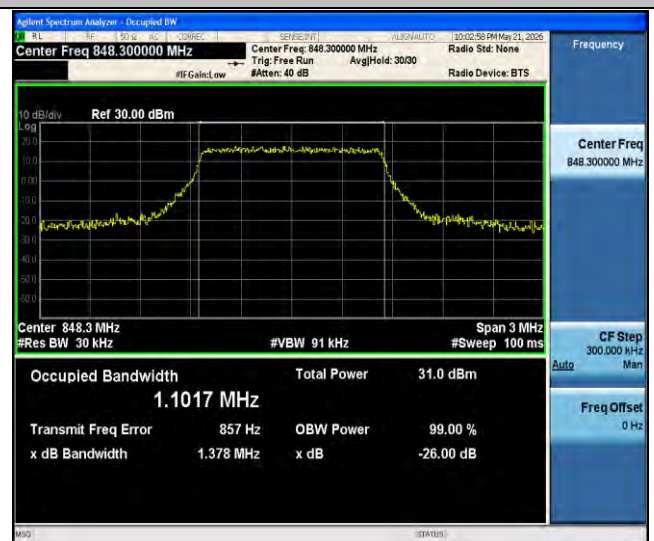
Band5-1.4MHz-64QAM-20525-6RB#0-PASS



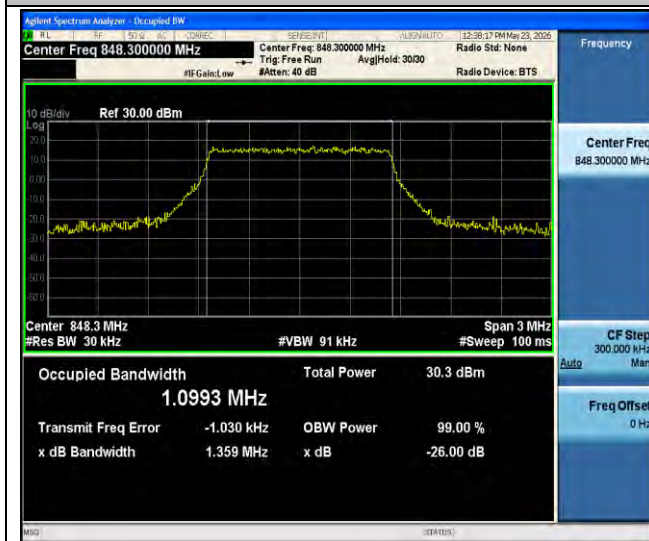
Band5-1.4MHz-256QAM-20525-6RB#0-PASS



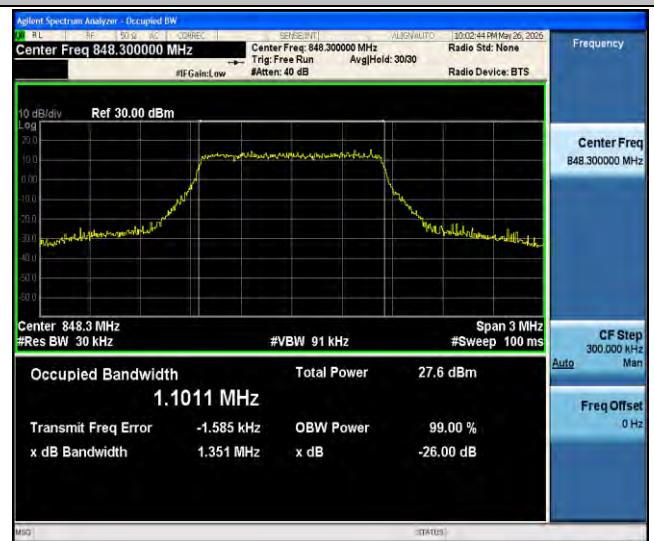
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



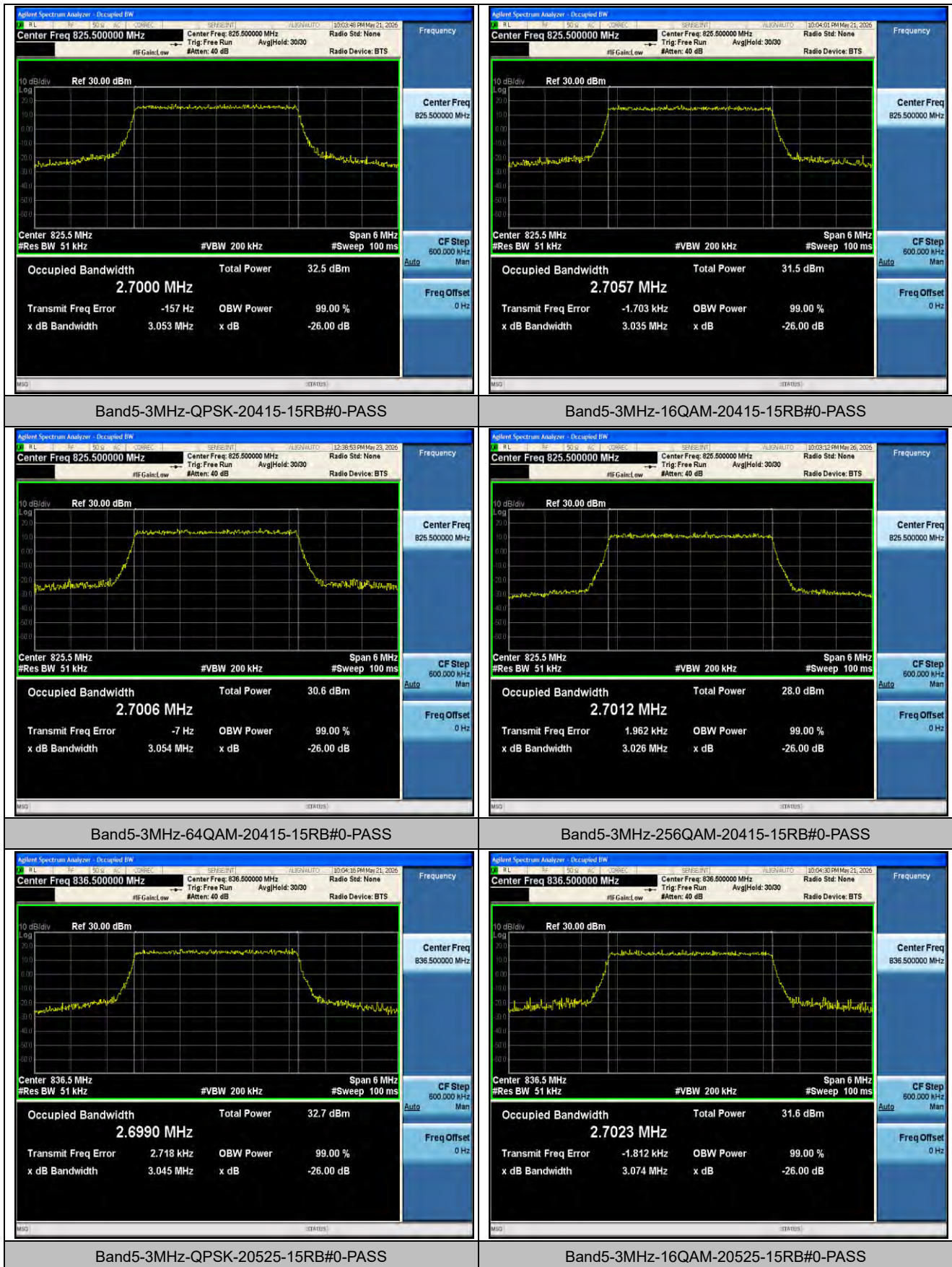
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



Band5-1.4MHz-64QAM-20643-6RB#0-PASS



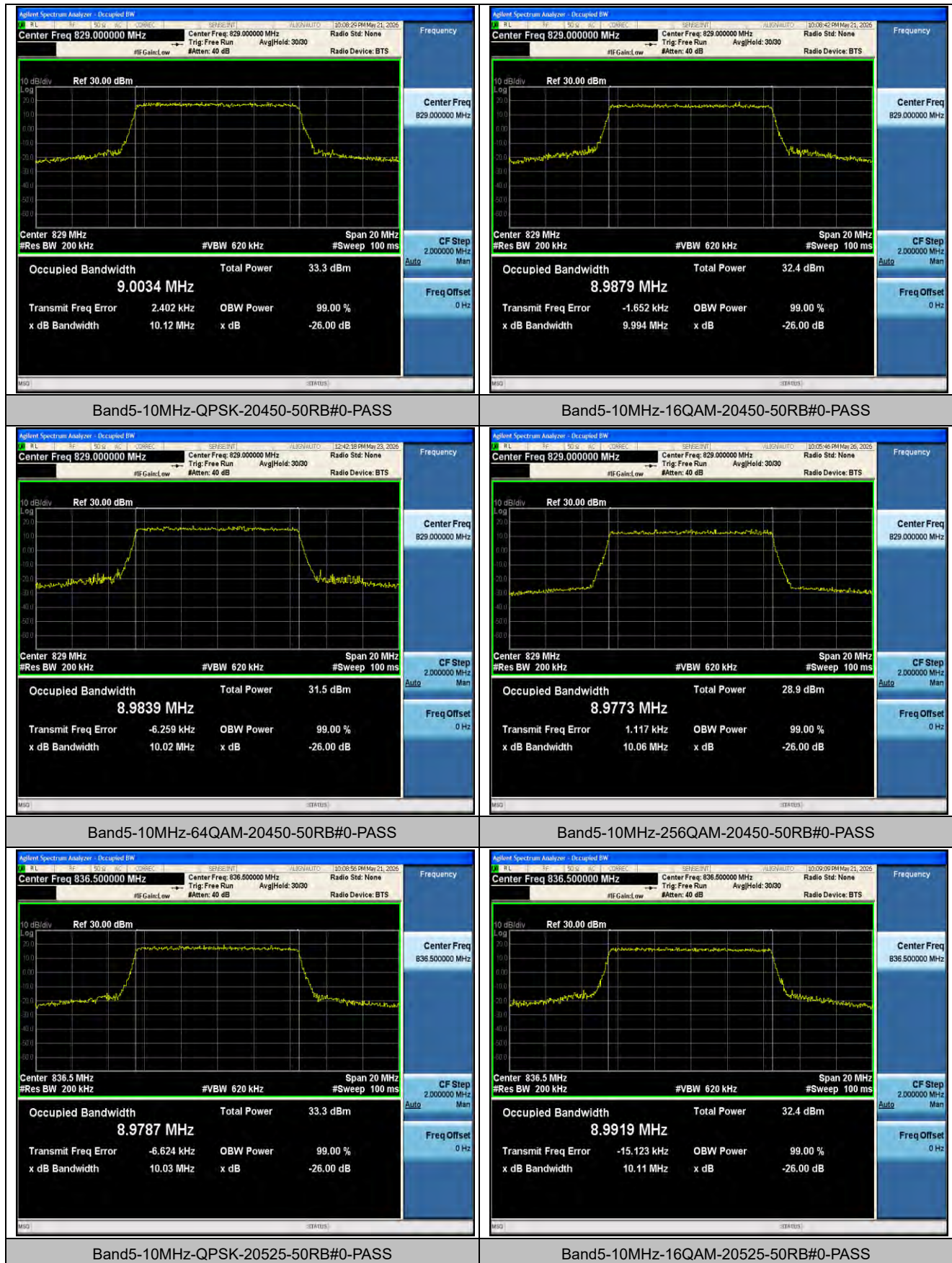
Band5-1.4MHz-256QAM-20643-6RB#0-PASS













Band5-10MHz-64QAM-20525-50RB#0-PASS



Band5-10MHz-256QAM-20525-50RB#0-PASS



Band5-10MHz-QPSK-20600-50RB#0-PASS



Band5-10MHz-16QAM-20600-50RB#0-PASS



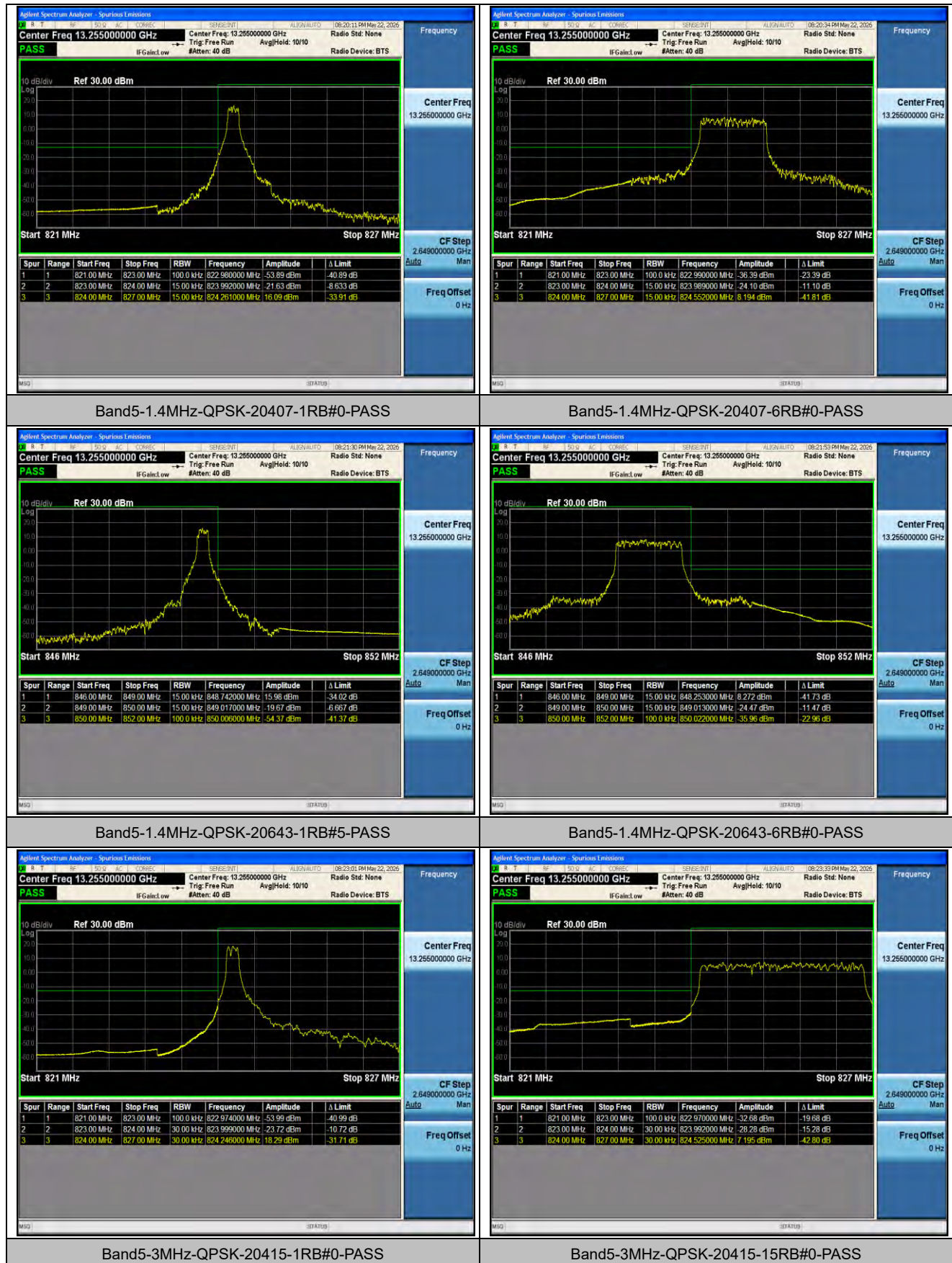
Band5-10MHz-64QAM-20600-50RB#0-PASS



Band5-10MHz-256QAM-20600-50RB#0-PASS

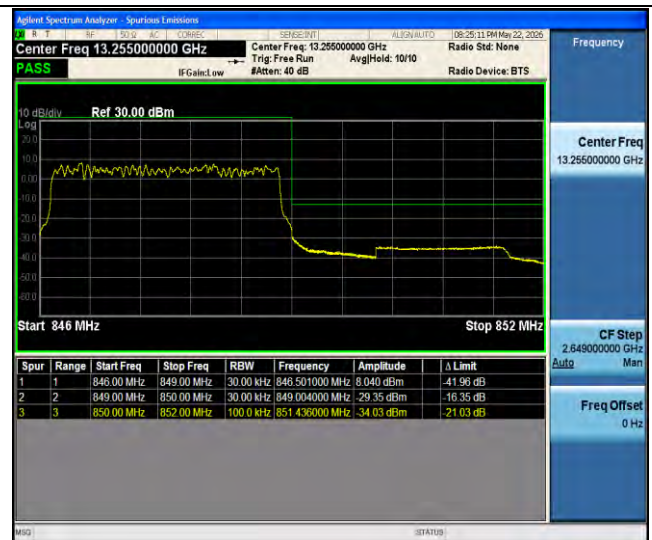
Band Edge

Test Graphs

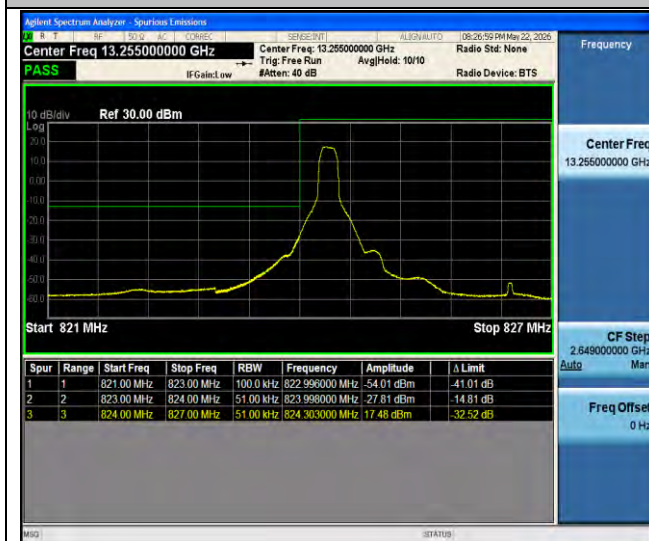




Band5-3MHz-QPSK-20635-1RB#14-PASS



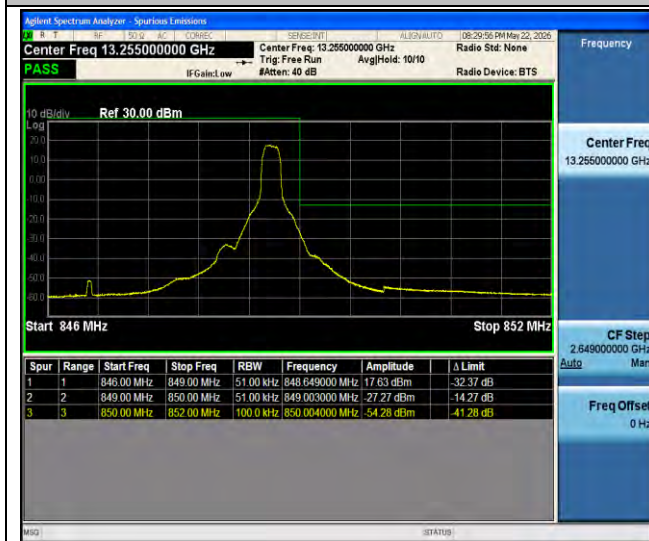
Band5-3MHz-QPSK-20635-15RB#0-PASS



Band5-5MHz-QPSK-20425-1RB#0-PASS



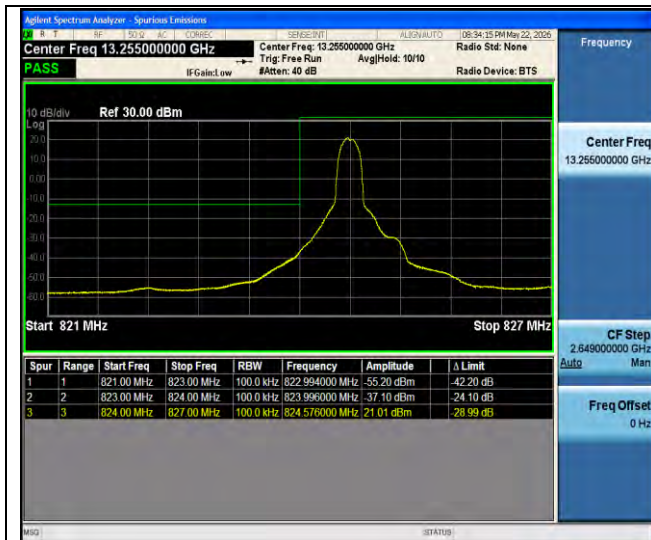
Band5-5MHz-QPSK-20425-25RB#0-PASS



Band5-5MHz-QPSK-20625-1RB#24-PASS



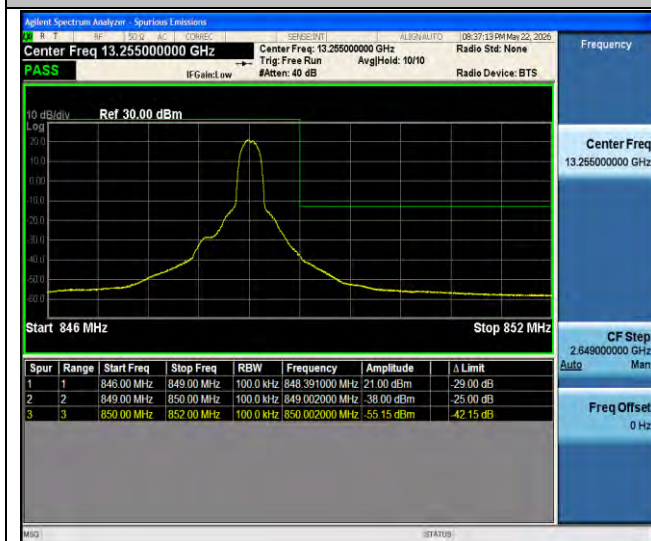
Band5-5MHz-QPSK-20625-25RB#0-PASS



Band5-10MHz-QPSK-20450-1RB#0-PASS



Band5-10MHz-QPSK-20450-50RB#0-PASS



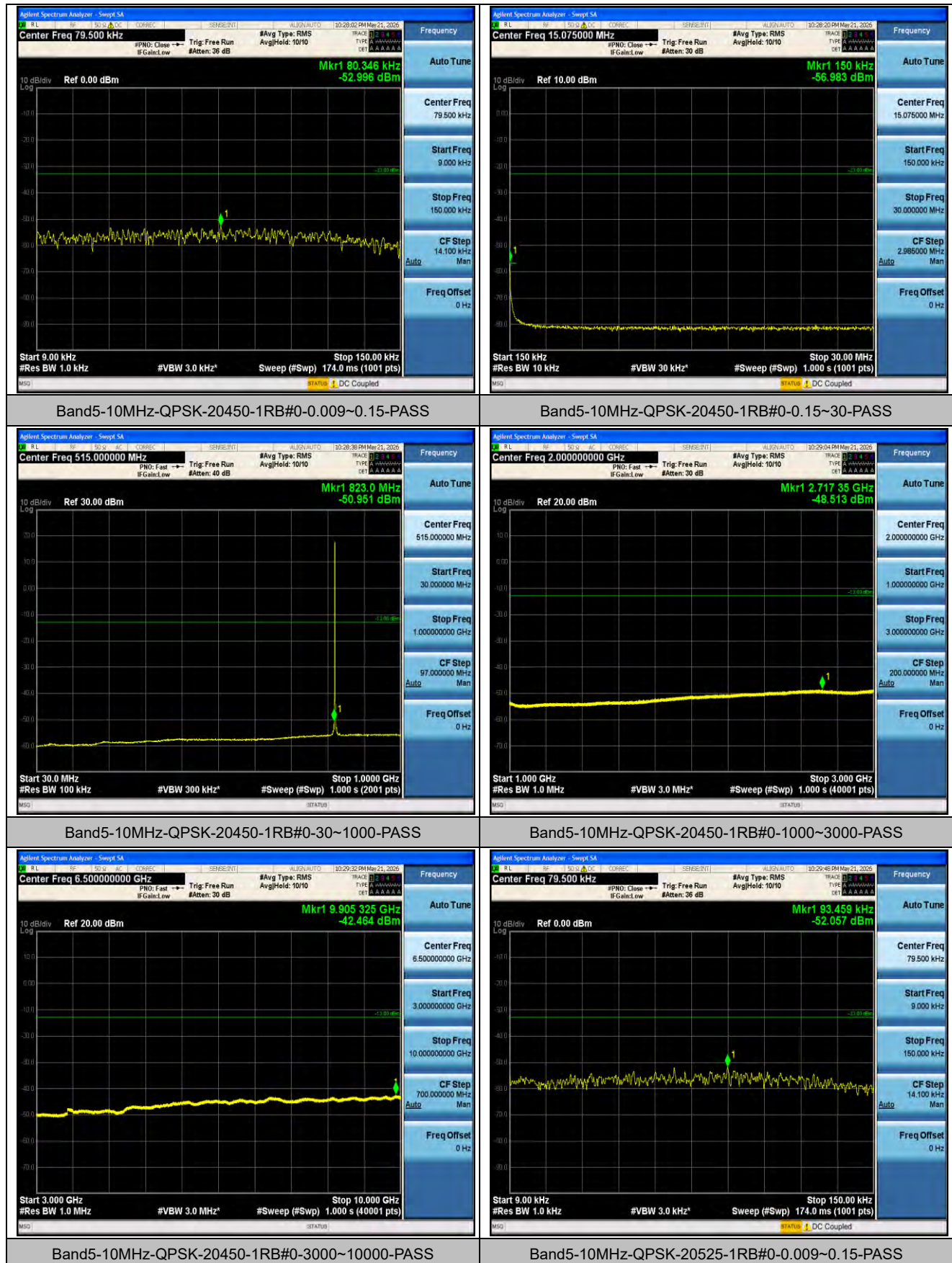
Band5-10MHz-QPSK-20600-1RB#49-PASS

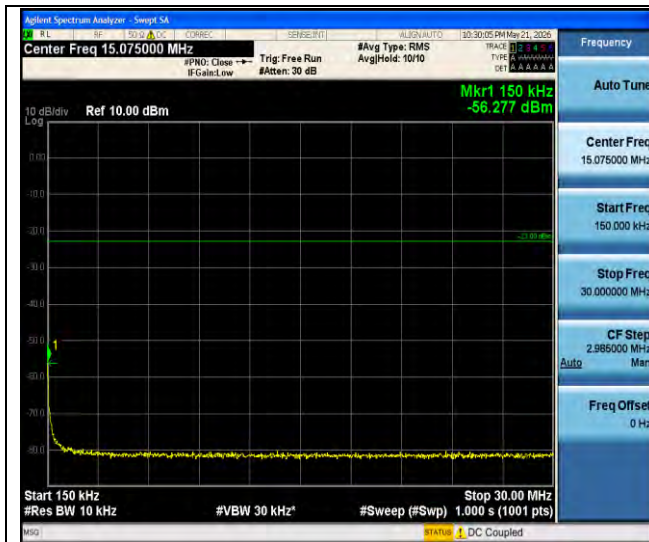


Band5-10MHz-QPSK-20600-50RB#0-PASS

Conducted Spurious Emission

Test Graphs





Band5-10MHz-QPSK-20525-1RB#0-0.15~30-PASS



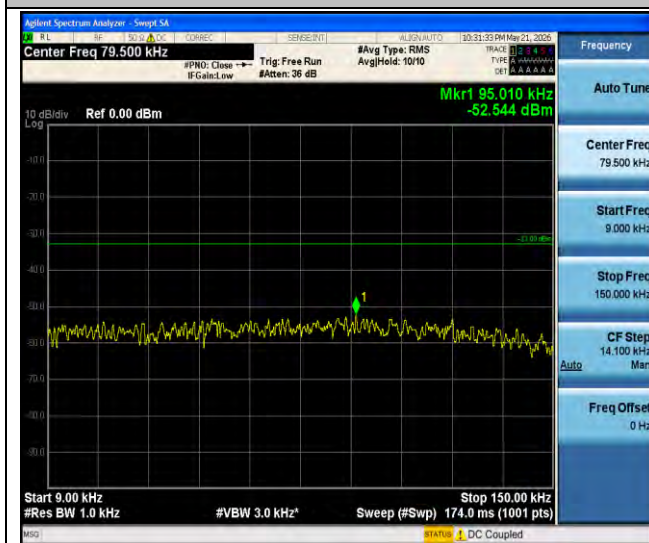
Band5-10MHz-QPSK-20525-1RB#0-30~1000-PASS



Band5-10MHz-QPSK-20525-1RB#0-1000~3000-PASS



Band5-10MHz-QPSK-20525-1RB#0-3000~10000-PASS



Band5-10MHz-QPSK-20600-1RB#0-0.009~0.15-PASS



Band5-10MHz-QPSK-20600-1RB#0-0.15~30-PASS



Band5-10MHz-QPSK-20600-1RB#0-30~1000-PASS



Band5-10MHz-QPSK-20600-1RB#0-1000~3000-PASS



Band5-10MHz-QPSK-20600-1RB#0-3000~10000-PASS

Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-2.60	-0.003108	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-1.70	-0.002032	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-1.80	-0.002152	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-1.40	-0.001674	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-3.60	-0.004304	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-1.60	-0.001913	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-1.80	-0.002152	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-0.10	-0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-0.40	-0.000478	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-1.40	-0.001674	±2.5	PASS

~The End~