

Appendix-D LTE Band 4

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	14.55	15.05	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	14.56	15.06	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	14.66	15.16	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	14.65	15.15	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#2	14.51	15.01	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	14.60	15.10	30	PASS
Band4	1.4MHz	QPSK	19957	15RB#0	14.46	14.96	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	14.57	15.07	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	14.46	14.96	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	14.59	15.09	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	14.71	15.21	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#2	14.68	15.18	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	14.73	15.23	30	PASS
Band4	1.4MHz	16QAM	19957	15RB#0	14.50	15.00	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	14.77	15.27	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	14.66	15.16	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	14.57	15.07	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	14.70	15.20	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#2	14.58	15.08	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	14.43	14.93	30	PASS
Band4	1.4MHz	64QAM	19957	15RB#0	14.46	14.96	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	14.50	15.00	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	14.60	15.10	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	14.70	15.20	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	14.63	15.13	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#2	14.64	15.14	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	14.74	15.24	30	PASS
Band4	1.4MHz	QPSK	20175	15RB#0	14.64	15.14	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	14.56	15.06	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	14.57	15.07	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	14.49	14.99	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	14.71	15.21	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#2	14.69	15.19	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	14.70	15.20	30	PASS
Band4	1.4MHz	16QAM	20175	15RB#0	14.45	14.95	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	14.48	14.98	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	14.66	15.16	30	PASS

Band4	1.4MHz	64QAM	20175	1RB#5	14.72	15.22	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	14.56	15.06	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#2	14.57	15.07	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	14.49	14.99	30	PASS
Band4	1.4MHz	64QAM	20175	15RB#0	14.54	15.04	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	14.63	15.13	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	14.66	15.16	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	14.67	15.17	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	14.62	15.12	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#2	14.51	15.01	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	14.73	15.23	30	PASS
Band4	1.4MHz	QPSK	20393	15RB#0	14.46	14.96	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	14.51	15.01	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	14.65	15.15	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	14.61	15.11	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	14.66	15.16	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#2	14.67	15.17	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	14.65	15.15	30	PASS
Band4	1.4MHz	16QAM	20393	15RB#0	14.53	15.03	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	14.56	15.06	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	14.69	15.19	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	14.64	15.14	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	14.69	15.19	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#2	14.61	15.11	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	14.56	15.06	30	PASS
Band4	1.4MHz	64QAM	20393	15RB#0	14.52	15.02	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	14.51	15.01	30	PASS
Band4	3MHz	QPSK	19965	1RB#7	14.64	15.14	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	14.67	15.17	30	PASS
Band4	3MHz	QPSK	19965	8RB#0	14.61	15.11	30	PASS
Band4	3MHz	QPSK	19965	8RB#4	14.65	15.15	30	PASS
Band4	3MHz	QPSK	19965	8RB#7	14.61	15.11	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	14.47	14.97	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	14.46	14.96	30	PASS
Band4	3MHz	16QAM	19965	1RB#7	14.51	15.01	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	14.59	15.09	30	PASS
Band4	3MHz	16QAM	19965	8RB#0	14.62	15.12	30	PASS
Band4	3MHz	16QAM	19965	8RB#4	14.76	15.26	30	PASS
Band4	3MHz	16QAM	19965	8RB#7	14.71	15.21	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	14.55	15.05	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	14.64	15.14	30	PASS
Band4	3MHz	64QAM	19965	1RB#7	14.69	15.19	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	14.70	15.20	30	PASS
Band4	3MHz	64QAM	19965	8RB#0	14.70	15.20	30	PASS

Band4	3MHz	64QAM	19965	8RB#4	14.65	15.15	30	PASS
Band4	3MHz	64QAM	19965	8RB#7	14.50	15.00	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	14.44	14.94	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	14.53	15.03	30	PASS
Band4	3MHz	QPSK	20175	1RB#7	14.63	15.13	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	14.69	15.19	30	PASS
Band4	3MHz	QPSK	20175	8RB#0	14.69	15.19	30	PASS
Band4	3MHz	QPSK	20175	8RB#4	14.60	15.10	30	PASS
Band4	3MHz	QPSK	20175	8RB#7	14.70	15.20	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	14.48	14.98	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	14.59	15.09	30	PASS
Band4	3MHz	16QAM	20175	1RB#7	14.46	14.96	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	14.56	15.06	30	PASS
Band4	3MHz	16QAM	20175	8RB#0	14.69	15.19	30	PASS
Band4	3MHz	16QAM	20175	8RB#4	14.66	15.16	30	PASS
Band4	3MHz	16QAM	20175	8RB#7	14.71	15.21	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	14.45	14.95	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	14.60	15.10	30	PASS
Band4	3MHz	64QAM	20175	1RB#7	14.69	15.19	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	14.65	15.15	30	PASS
Band4	3MHz	64QAM	20175	8RB#0	14.62	15.12	30	PASS
Band4	3MHz	64QAM	20175	8RB#4	14.59	15.09	30	PASS
Band4	3MHz	64QAM	20175	8RB#7	14.49	14.99	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	14.51	15.01	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	14.53	15.03	30	PASS
Band4	3MHz	QPSK	20385	1RB#7	14.64	15.14	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	14.73	15.23	30	PASS
Band4	3MHz	QPSK	20385	8RB#0	14.69	15.19	30	PASS
Band4	3MHz	QPSK	20385	8RB#4	14.59	15.09	30	PASS
Band4	3MHz	QPSK	20385	8RB#7	14.72	15.22	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	14.46	14.96	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	14.52	15.02	30	PASS
Band4	3MHz	16QAM	20385	1RB#7	14.62	15.12	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	14.63	15.13	30	PASS
Band4	3MHz	16QAM	20385	8RB#0	14.63	15.13	30	PASS
Band4	3MHz	16QAM	20385	8RB#4	14.59	15.09	30	PASS
Band4	3MHz	16QAM	20385	8RB#7	14.67	15.17	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	14.48	14.98	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	14.68	15.18	30	PASS
Band4	3MHz	64QAM	20385	1RB#7	14.73	15.23	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	14.64	15.14	30	PASS
Band4	3MHz	64QAM	20385	8RB#0	14.68	15.18	30	PASS
Band4	3MHz	64QAM	20385	8RB#4	14.67	15.17	30	PASS
Band4	3MHz	64QAM	20385	8RB#7	14.56	15.06	30	PASS

Band4	3MHz	64QAM	20385	15RB#0	14.50	15.00	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	14.54	15.04	30	PASS
Band4	5MHz	QPSK	19975	1RB#13	14.63	15.13	30	PASS
Band4	5MHz	QPSK	19975	1RB#25	14.72	15.22	30	PASS
Band4	5MHz	QPSK	19975	12RB#0	14.66	15.16	30	PASS
Band4	5MHz	QPSK	19975	12RB#6	14.51	15.01	30	PASS
Band4	5MHz	QPSK	19975	12RB#13	14.68	15.18	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	14.47	14.97	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	14.50	15.00	30	PASS
Band4	5MHz	16QAM	19975	1RB#13	14.58	15.08	30	PASS
Band4	5MHz	16QAM	19975	1RB#25	14.57	15.07	30	PASS
Band4	5MHz	16QAM	19975	12RB#0	14.76	15.26	30	PASS
Band4	5MHz	16QAM	19975	12RB#6	14.65	15.15	30	PASS
Band4	5MHz	16QAM	19975	12RB#13	14.75	15.25	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	14.45	14.95	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	14.68	15.18	30	PASS
Band4	5MHz	64QAM	19975	1RB#13	14.66	15.16	30	PASS
Band4	5MHz	64QAM	19975	1RB#25	14.63	15.13	30	PASS
Band4	5MHz	64QAM	19975	12RB#0	14.69	15.19	30	PASS
Band4	5MHz	64QAM	19975	12RB#6	14.68	15.18	30	PASS
Band4	5MHz	64QAM	19975	12RB#13	14.40	14.90	30	PASS
Band4	5MHz	64QAM	19975	25RB#0	14.47	14.97	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	14.64	15.14	30	PASS
Band4	5MHz	QPSK	20175	1RB#13	14.66	15.16	30	PASS
Band4	5MHz	QPSK	20175	1RB#25	14.74	15.24	30	PASS
Band4	5MHz	QPSK	20175	12RB#0	14.74	15.24	30	PASS
Band4	5MHz	QPSK	20175	12RB#6	14.73	15.23	30	PASS
Band4	5MHz	QPSK	20175	12RB#13	14.78	15.28	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	14.60	15.10	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	14.50	15.00	30	PASS
Band4	5MHz	16QAM	20175	1RB#13	14.61	15.11	30	PASS
Band4	5MHz	16QAM	20175	1RB#25	14.54	15.04	30	PASS
Band4	5MHz	16QAM	20175	12RB#0	14.71	15.21	30	PASS
Band4	5MHz	16QAM	20175	12RB#6	14.72	15.22	30	PASS
Band4	5MHz	16QAM	20175	12RB#13	14.74	15.24	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	14.49	14.99	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	14.63	15.13	30	PASS
Band4	5MHz	64QAM	20175	1RB#13	14.66	15.16	30	PASS
Band4	5MHz	64QAM	20175	1RB#25	14.70	15.20	30	PASS
Band4	5MHz	64QAM	20175	12RB#0	14.64	15.14	30	PASS
Band4	5MHz	64QAM	20175	12RB#6	14.57	15.07	30	PASS
Band4	5MHz	64QAM	20175	12RB#13	14.64	15.14	30	PASS
Band4	5MHz	64QAM	20175	25RB#0	14.48	14.98	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	14.58	15.08	30	PASS

Band4	5MHz	QPSK	20375	1RB#13	14.66	15.16	30	PASS
Band4	5MHz	QPSK	20375	1RB#25	14.68	15.18	30	PASS
Band4	5MHz	QPSK	20375	12RB#0	14.70	15.20	30	PASS
Band4	5MHz	QPSK	20375	12RB#6	14.50	15.00	30	PASS
Band4	5MHz	QPSK	20375	12RB#13	14.69	15.19	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	14.56	15.06	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	14.52	15.02	30	PASS
Band4	5MHz	16QAM	20375	1RB#13	14.56	15.06	30	PASS
Band4	5MHz	16QAM	20375	1RB#25	14.60	15.10	30	PASS
Band4	5MHz	16QAM	20375	12RB#0	14.69	15.19	30	PASS
Band4	5MHz	16QAM	20375	12RB#6	14.63	15.13	30	PASS
Band4	5MHz	16QAM	20375	12RB#13	14.70	15.20	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	14.51	15.01	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	14.51	15.01	30	PASS
Band4	5MHz	64QAM	20375	1RB#13	14.65	15.15	30	PASS
Band4	5MHz	64QAM	20375	1RB#25	14.76	15.26	30	PASS
Band4	5MHz	64QAM	20375	12RB#0	14.68	15.18	30	PASS
Band4	5MHz	64QAM	20375	12RB#6	14.64	15.14	30	PASS
Band4	5MHz	64QAM	20375	12RB#13	14.53	15.03	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	14.66	15.16	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	14.46	14.96	30	PASS
Band4	10MHz	QPSK	20000	1RB#25	14.64	15.14	30	PASS
Band4	10MHz	QPSK	20000	1RB#50	14.66	15.16	30	PASS
Band4	10MHz	QPSK	20000	25RB#0	14.59	15.09	30	PASS
Band4	10MHz	QPSK	20000	25RB#13	14.58	15.08	30	PASS
Band4	10MHz	QPSK	20000	25RB#25	14.64	15.14	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	14.44	14.94	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	14.44	14.94	30	PASS
Band4	10MHz	16QAM	20000	1RB#25	14.59	15.09	30	PASS
Band4	10MHz	16QAM	20000	1RB#50	14.66	15.16	30	PASS
Band4	10MHz	16QAM	20000	25RB#0	14.74	15.24	30	PASS
Band4	10MHz	16QAM	20000	25RB#13	14.68	15.18	30	PASS
Band4	10MHz	16QAM	20000	25RB#25	14.72	15.22	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	14.45	14.95	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	14.71	15.21	30	PASS
Band4	10MHz	64QAM	20000	1RB#25	14.73	15.23	30	PASS
Band4	10MHz	64QAM	20000	1RB#50	14.73	15.23	30	PASS
Band4	10MHz	64QAM	20000	25RB#0	14.69	15.19	30	PASS
Band4	10MHz	64QAM	20000	25RB#13	14.65	15.15	30	PASS
Band4	10MHz	64QAM	20000	25RB#25	14.43	14.93	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	14.50	15.00	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	14.55	15.05	30	PASS
Band4	10MHz	QPSK	20175	1RB#25	14.50	15.00	30	PASS
Band4	10MHz	QPSK	20175	1RB#50	14.70	15.20	30	PASS

Band4	10MHz	QPSK	20175	25RB#0	14.70	15.20	30	PASS
Band4	10MHz	QPSK	20175	25RB#13	14.67	15.17	30	PASS
Band4	10MHz	QPSK	20175	25RB#25	14.76	15.26	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	14.55	15.05	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	14.59	15.09	30	PASS
Band4	10MHz	16QAM	20175	1RB#25	14.62	15.12	30	PASS
Band4	10MHz	16QAM	20175	1RB#50	14.52	15.02	30	PASS
Band4	10MHz	16QAM	20175	25RB#0	14.70	15.20	30	PASS
Band4	10MHz	16QAM	20175	25RB#13	14.68	15.18	30	PASS
Band4	10MHz	16QAM	20175	25RB#25	14.76	15.26	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	14.61	15.11	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	14.56	15.06	30	PASS
Band4	10MHz	64QAM	20175	1RB#25	14.71	15.21	30	PASS
Band4	10MHz	64QAM	20175	1RB#50	14.68	15.18	30	PASS
Band4	10MHz	64QAM	20175	25RB#0	14.53	15.03	30	PASS
Band4	10MHz	64QAM	20175	25RB#13	14.63	15.13	30	PASS
Band4	10MHz	64QAM	20175	25RB#25	14.62	15.12	30	PASS
Band4	10MHz	64QAM	20175	50RB#0	14.59	15.09	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	14.54	15.04	30	PASS
Band4	10MHz	QPSK	20350	1RB#25	14.75	15.25	30	PASS
Band4	10MHz	QPSK	20350	1RB#50	14.72	15.22	30	PASS
Band4	10MHz	QPSK	20350	25RB#0	14.66	15.16	30	PASS
Band4	10MHz	QPSK	20350	25RB#13	14.50	15.00	30	PASS
Band4	10MHz	QPSK	20350	25RB#25	14.66	15.16	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	14.53	15.03	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	14.57	15.07	30	PASS
Band4	10MHz	16QAM	20350	1RB#25	14.50	15.00	30	PASS
Band4	10MHz	16QAM	20350	1RB#50	14.69	15.19	30	PASS
Band4	10MHz	16QAM	20350	25RB#0	14.74	15.24	30	PASS
Band4	10MHz	16QAM	20350	25RB#13	14.62	15.12	30	PASS
Band4	10MHz	16QAM	20350	25RB#25	14.64	15.14	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	14.48	14.98	30	PASS
Band4	10MHz	64QAM	20350	1RB#0	14.66	15.16	30	PASS
Band4	10MHz	64QAM	20350	1RB#25	14.65	15.15	30	PASS
Band4	10MHz	64QAM	20350	1RB#50	14.74	15.24	30	PASS
Band4	10MHz	64QAM	20350	25RB#0	14.63	15.13	30	PASS
Band4	10MHz	64QAM	20350	25RB#13	14.63	15.13	30	PASS
Band4	10MHz	64QAM	20350	25RB#25	14.53	15.03	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	14.58	15.08	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	14.53	15.03	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	14.63	15.13	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	14.64	15.14	30	PASS
Band4	15MHz	QPSK	20025	36RB#0	14.64	15.14	30	PASS
Band4	15MHz	QPSK	20025	36RB#18	14.57	15.07	30	PASS

Band4	15MHz	QPSK	20025	36RB#39	14.67	15.17	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	14.38	14.88	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	14.50	15.00	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	14.52	15.02	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	14.68	15.18	30	PASS
Band4	15MHz	16QAM	20025	36RB#0	14.75	15.25	30	PASS
Band4	15MHz	16QAM	20025	36RB#18	14.70	15.20	30	PASS
Band4	15MHz	16QAM	20025	36RB#39	14.72	15.22	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	14.44	14.94	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	14.59	15.09	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	14.71	15.21	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	14.54	15.04	30	PASS
Band4	15MHz	64QAM	20025	36RB#0	14.72	15.22	30	PASS
Band4	15MHz	64QAM	20025	36RB#18	14.64	15.14	30	PASS
Band4	15MHz	64QAM	20025	36RB#39	14.48	14.98	30	PASS
Band4	15MHz	64QAM	20025	75RB#0	14.45	14.95	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	14.59	15.09	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	14.47	14.97	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	14.73	15.23	30	PASS
Band4	15MHz	QPSK	20175	36RB#0	14.68	15.18	30	PASS
Band4	15MHz	QPSK	20175	36RB#18	14.60	15.10	30	PASS
Band4	15MHz	QPSK	20175	36RB#39	14.71	15.21	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	14.51	15.01	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	14.69	15.19	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	14.48	14.98	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	14.66	15.16	30	PASS
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Band4	15MHz	64QAM	20175	1RB#0	14.47	14.97	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	14.63	15.13	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	14.59	15.09	30	PASS
Band4	15MHz	64QAM	20175	36RB#0	14.52	15.02	30	PASS
Band4	15MHz	64QAM	20175	36RB#18	14.49	14.99	30	PASS
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Band4	15MHz	64QAM	20175	75RB#0	14.46	14.96	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	14.54	15.04	30	PASS
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Band4	15MHz	QPSK	20325	1RB#74	14.76	15.26	30	PASS
Band4	15MHz	QPSK	20325	36RB#0	14.64	15.14	30	PASS
Band4	15MHz	QPSK	20325	36RB#18	14.57	15.07	30	PASS
Band4	15MHz	QPSK	20325	36RB#39	14.69	15.19	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	14.57	15.07	30	PASS

Band4	15MHz	16QAM	20325	1RB#0	14.58	15.08	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	14.51	15.01	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	14.63	15.13	30	PASS
Band4	15MHz	16QAM	20325	36RB#0	14.74	15.24	30	PASS
Band4	15MHz	16QAM	20325	36RB#18	14.75	15.25	30	PASS
Band4	15MHz	16QAM	20325	36RB#39	14.72	15.22	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	14.53	15.03	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	14.66	15.16	30	PASS
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Band4	15MHz	64QAM	20325	1RB#74	14.66	15.16	30	PASS
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Band4	20MHz	QPSK	20050	1RB#50	14.58	15.08	30	PASS
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Band4	20MHz	16QAM	20050	50RB#50	14.72	15.22	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	14.57	15.07	30	PASS
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Band4	20MHz	64QAM	20050	1RB#50	14.67	15.17	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	14.70	15.20	30	PASS
Band4	20MHz	64QAM	20050	50RB#0	14.76	15.26	30	PASS
Band4	20MHz	64QAM	20050	50RB#25	14.73	15.23	30	PASS
Band4	20MHz	64QAM	20050	50RB#50	14.48	14.98	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	14.50	15.00	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	14.69	15.19	30	PASS
Band4	20MHz	QPSK	20175	1RB#50	14.61	15.11	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	14.77	15.27	30	PASS
Band4	20MHz	QPSK	20175	50RB#0	14.53	15.03	30	PASS
Band4	20MHz	QPSK	20175	50RB#25	14.59	15.09	30	PASS
Band4	20MHz	QPSK	20175	50RB#50	14.67	15.17	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	14.65	15.15	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	14.75	15.25	30	PASS
Band4	20MHz	16QAM	20175	1RB#50	14.67	15.17	30	PASS

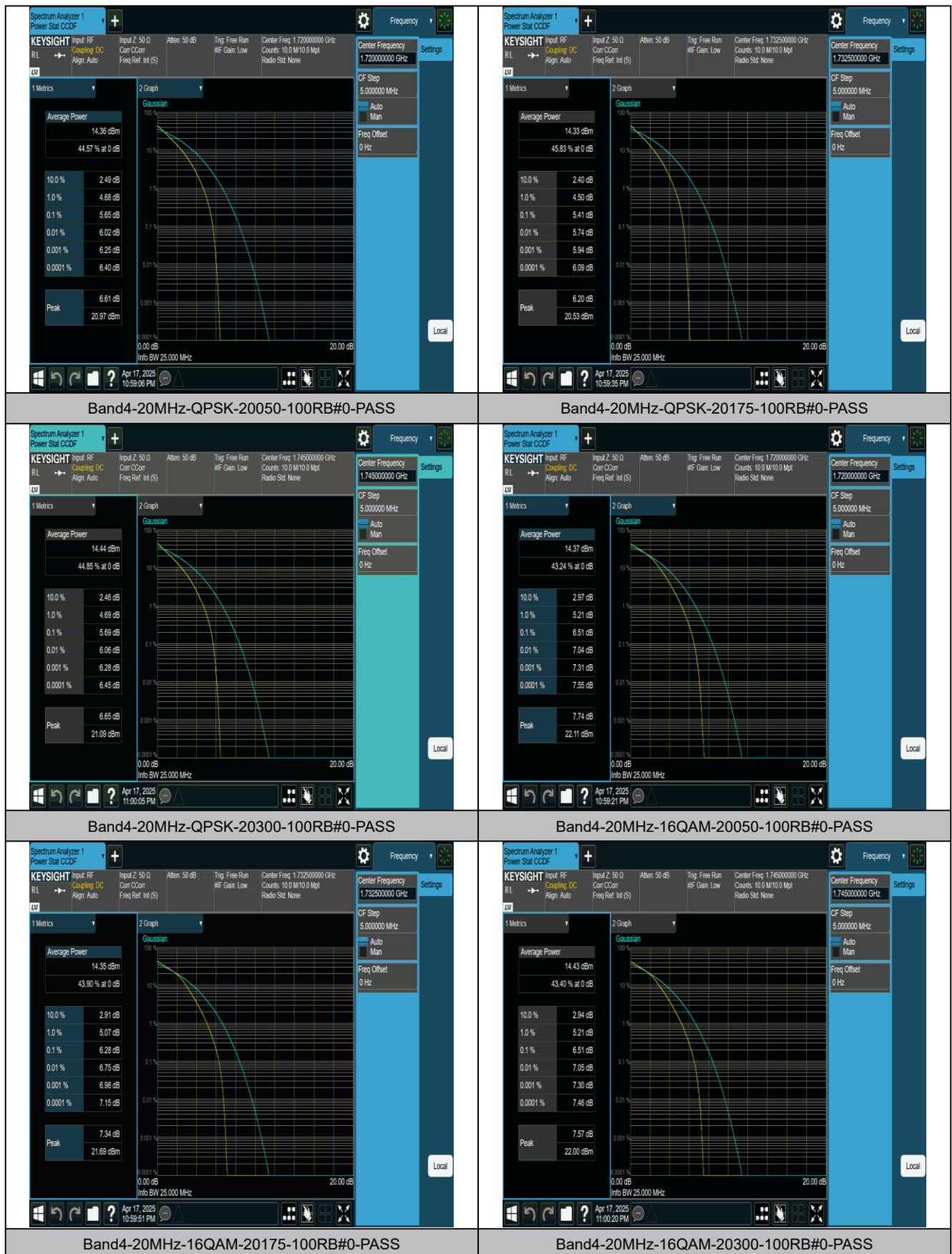
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Band4	20MHz	16QAM	20175	50RB#0	14.65	15.15	30	PASS
Band4	20MHz	16QAM	20175	50RB#25	14.62	15.12	30	PASS
Band4	20MHz	16QAM	20175	50RB#50	14.76	15.26	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	14.65	15.15	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	14.60	15.10	30	PASS
Band4	20MHz	64QAM	20175	1RB#50	14.71	15.21	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	14.69	15.19	30	PASS
Band4	20MHz	64QAM	20175	50RB#0	14.60	15.10	30	PASS
Band4	20MHz	64QAM	20175	50RB#25	14.63	15.13	30	PASS
Band4	20MHz	64QAM	20175	50RB#50	14.70	15.20	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	14.58	15.08	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	14.62	15.12	30	PASS
Band4	20MHz	QPSK	20300	1RB#50	14.60	15.10	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	14.70	15.20	30	PASS
Band4	20MHz	QPSK	20300	50RB#0	14.52	15.02	30	PASS
Band4	20MHz	QPSK	20300	50RB#25	14.57	15.07	30	PASS
Band4	20MHz	QPSK	20300	50RB#50	14.61	15.11	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	14.54	15.04	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	14.56	15.06	30	PASS
Band4	20MHz	16QAM	20300	1RB#50	14.67	15.17	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	14.65	15.15	30	PASS
Band4	20MHz	16QAM	20300	50RB#0	14.70	15.20	30	PASS
Band4	20MHz	16QAM	20300	50RB#25	14.76	15.26	30	PASS
Band4	20MHz	16QAM	20300	50RB#50	14.69	15.19	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	14.54	15.04	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	14.63	15.13	30	PASS
Band4	20MHz	64QAM	20300	1RB#50	14.73	15.23	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	14.73	15.23	30	PASS
Band4	20MHz	64QAM	20300	50RB#0	14.75	15.25	30	PASS
Band4	20MHz	64QAM	20300	50RB#25	14.60	15.10	30	PASS
Band4	20MHz	64QAM	20300	50RB#50	14.56	15.06	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	14.59	15.09	30	PASS

Peak-to-Average Ratio(CCDF)

Test Result

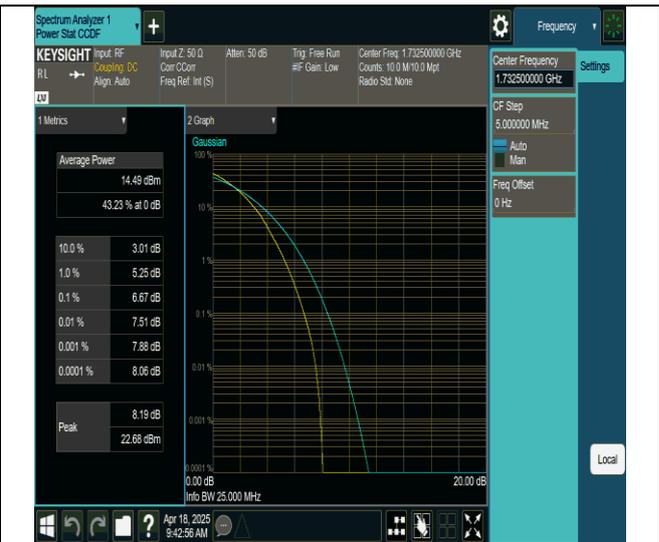
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.65	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.41	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.69	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.51	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.28	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.51	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.92	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.67	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.93	13	PASS

Test Graphs





Band4-20MHz-64QAM-20050-100RB#0-PASS



Band4-20MHz-64QAM-20175-100RB#0-PASS



Band4-20MHz-64QAM-20300-100RB#0-PASS

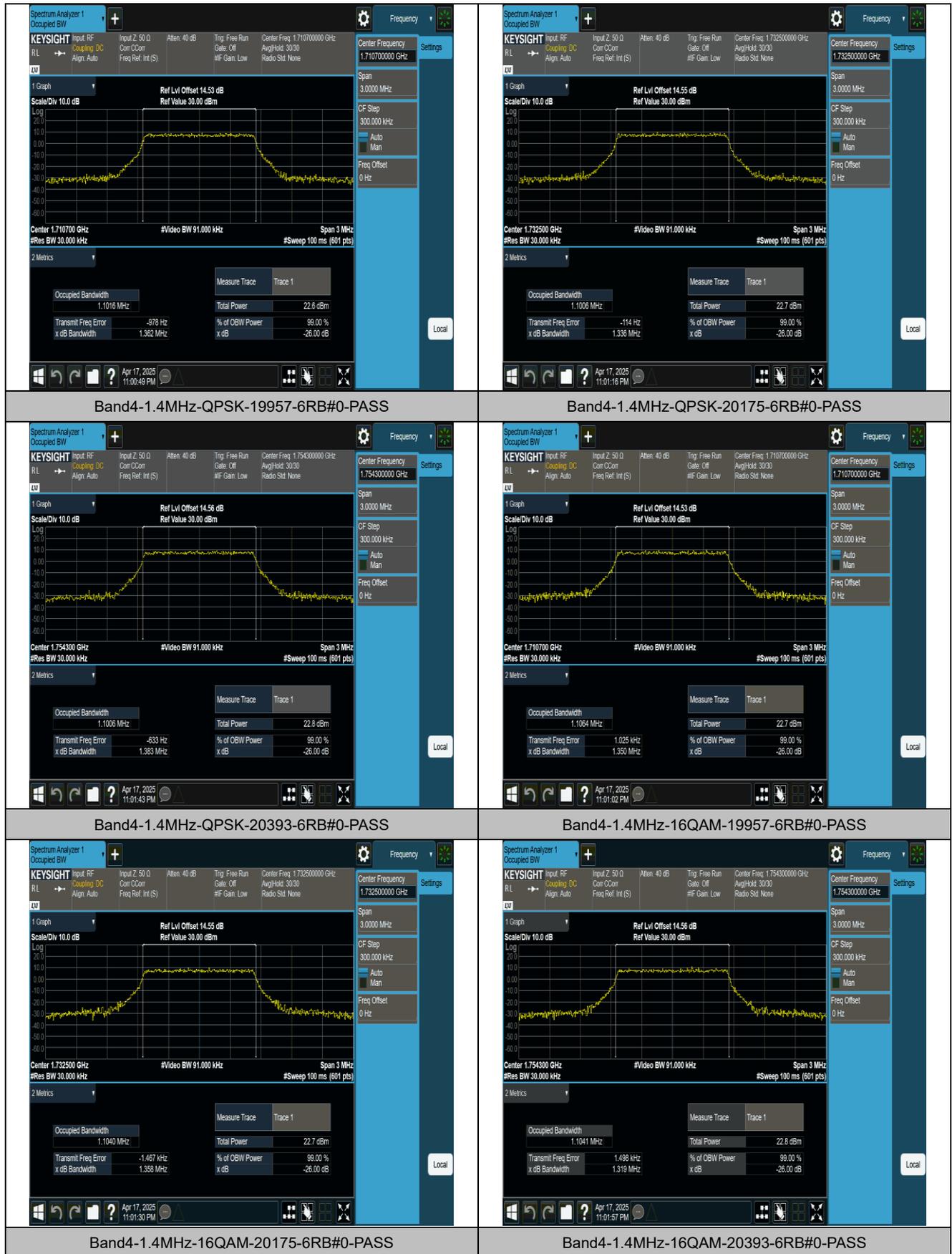
26dB Bandwidth and Occupied Bandwidth

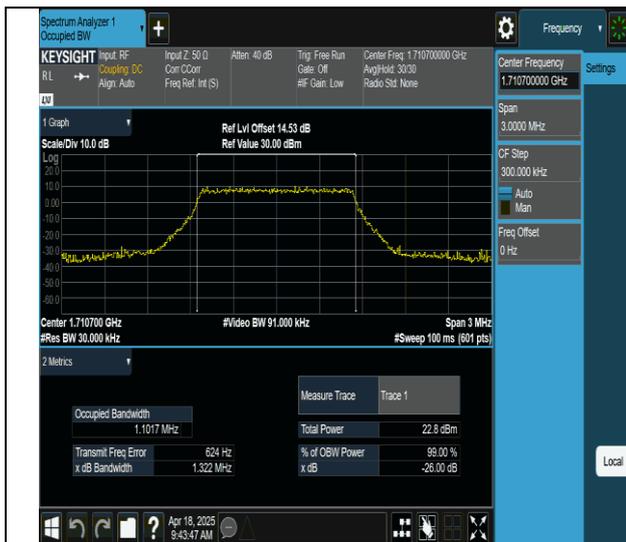
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1016	1.362	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1006	1.336	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1006	1.383	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1064	1.350	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1040	1.358	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1041	1.319	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.1017	1.322	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.0992	1.350	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.1013	1.340	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6878	2.961	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6900	2.966	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6956	2.990	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6898	2.965	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6883	2.989	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6867	2.979	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.6925	2.973	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.6856	2.984	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.6869	2.959	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5115	5.149	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5117	5.249	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5133	5.137	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5151	5.179	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5203	5.181	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5130	5.144	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.5095	5.150	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.5188	5.198	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.5075	5.129	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0129	10.02	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0147	10.13	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0139	10.03	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0268	10.15	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0175	10.06	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0173	10.04	PASS
Band4	10MHz	64QAM	20000	50RB#0	9.0507	10.12	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.9966	10.20	PASS
Band4	10MHz	64QAM	20350	50RB#0	9.0230	10.03	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.513	14.97	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.517	14.97	PASS

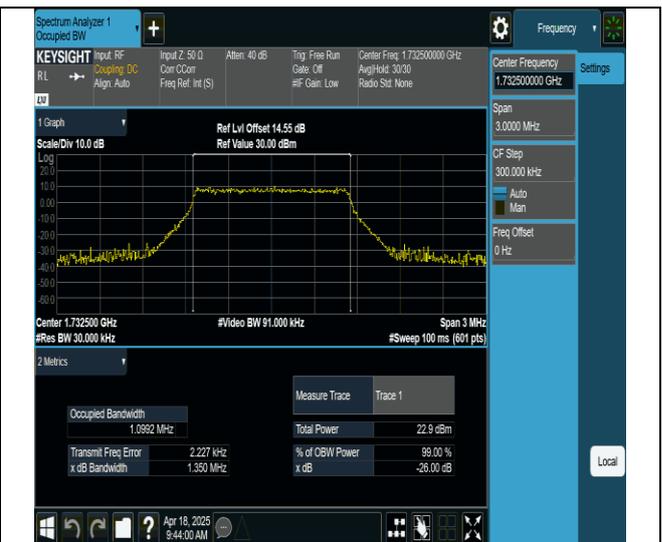
Band4	15MHz	QPSK	20325	75RB#0	13.521	14.93	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.523	15.16	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.486	14.90	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.537	15.02	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.505	15.07	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.483	14.83	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.521	15.04	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.957	19.54	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.889	19.59	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.945	19.72	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.950	19.77	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.917	19.53	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.990	19.69	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.941	19.59	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.903	19.52	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.952	19.55	PASS

Test Graphs

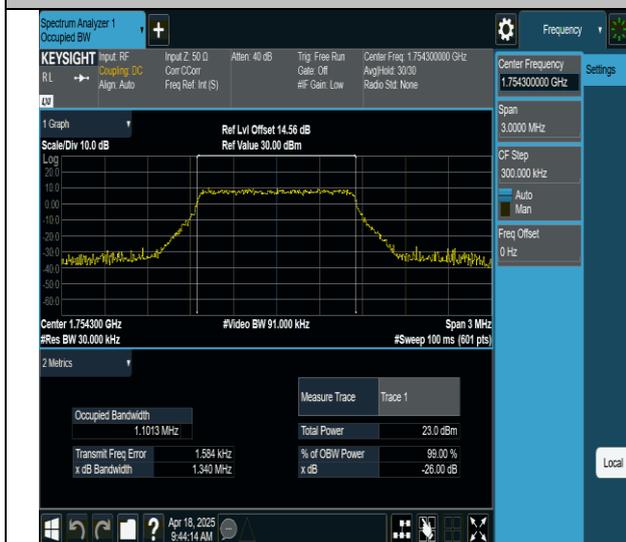




Band4-1.4MHz-64QAM-19957-6RB#0-PASS



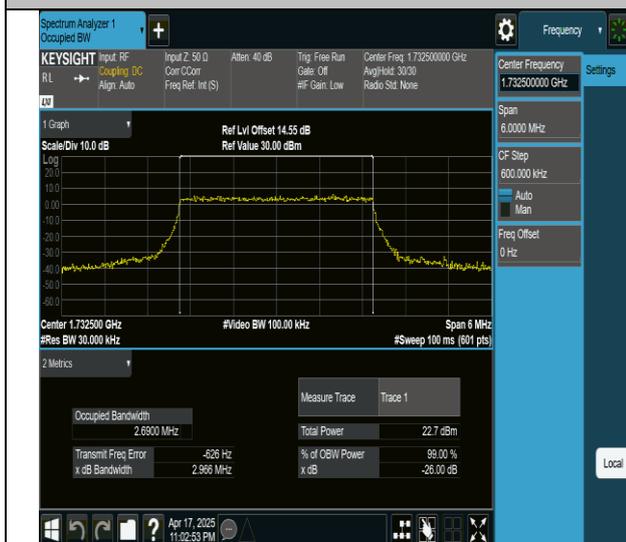
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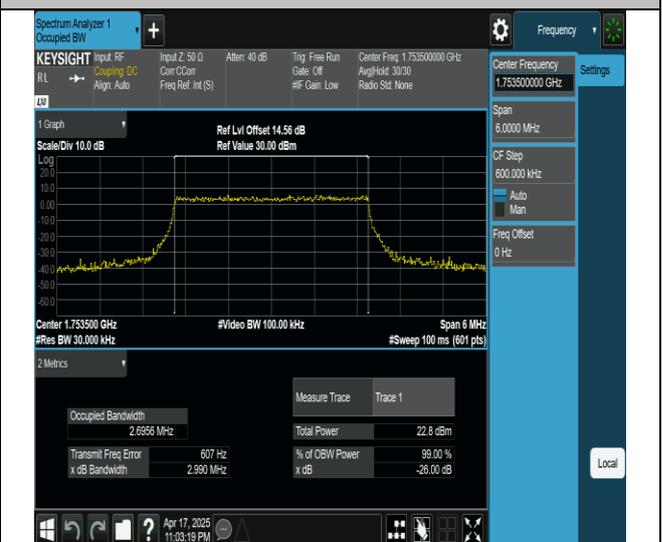
Band4-1.4MHz-64QAM-20393-6RB#0-PASS



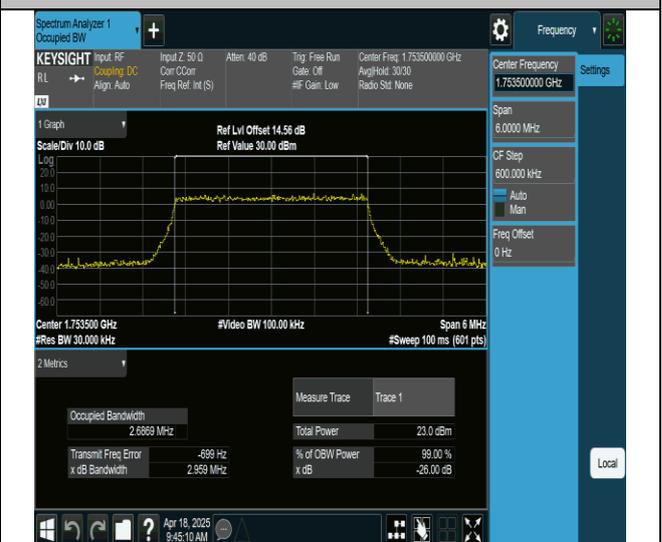
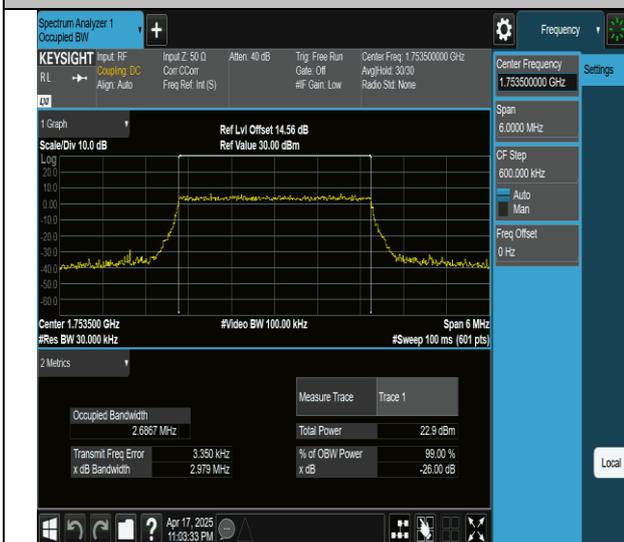
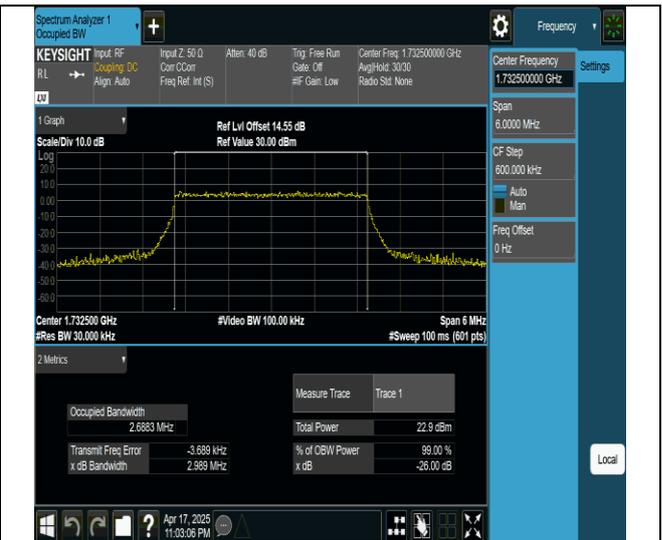
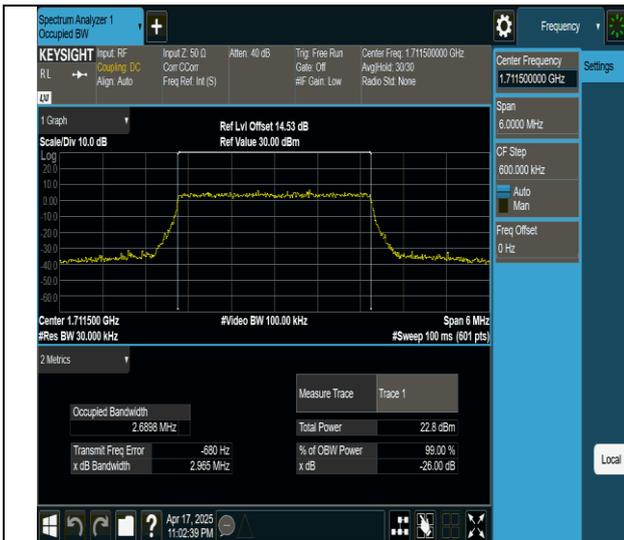
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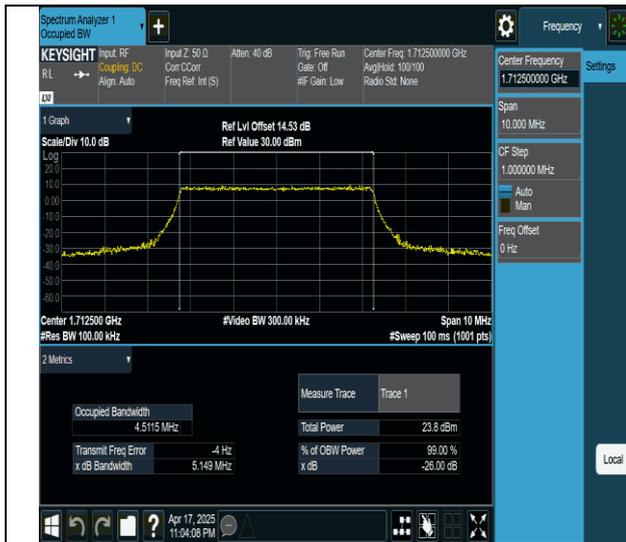


Band4-3MHz-QPSK-20175-15RB#0-PASS

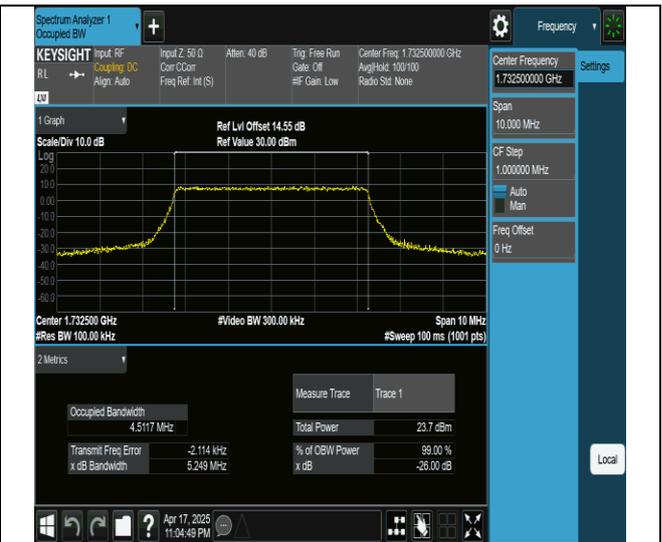


Band4-3MHz-QPSK-20385-15RB#0-PASS

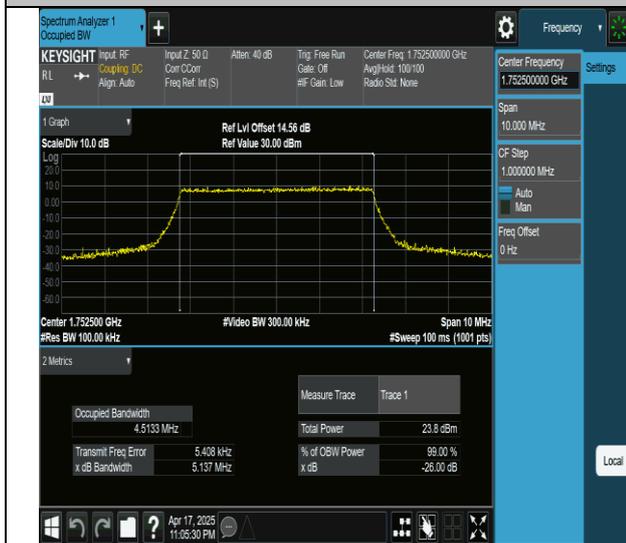




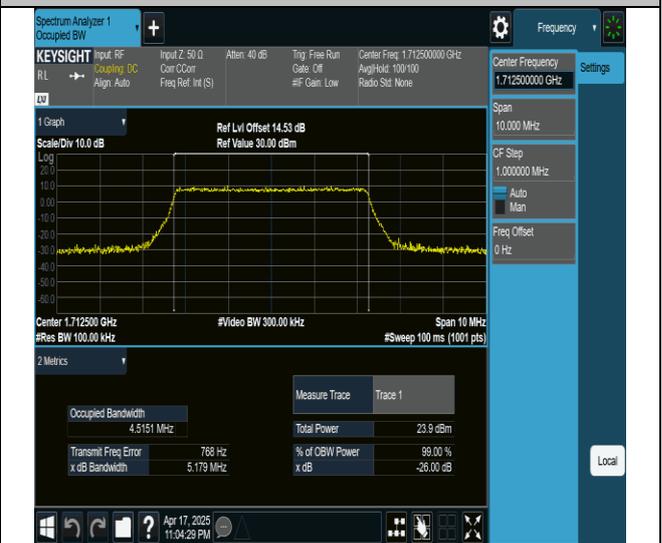
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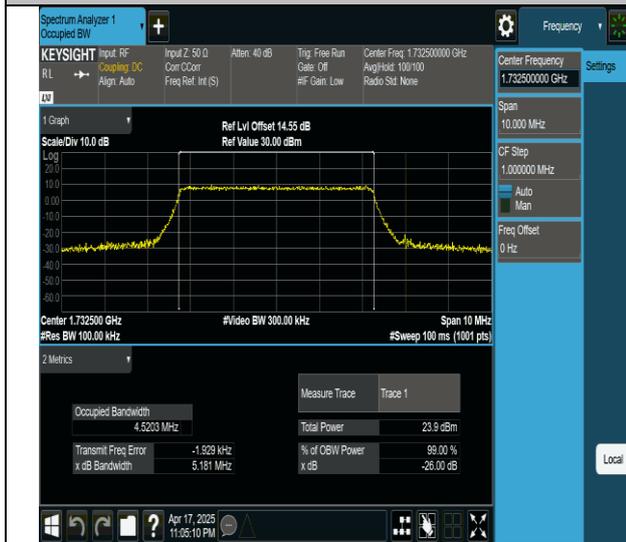
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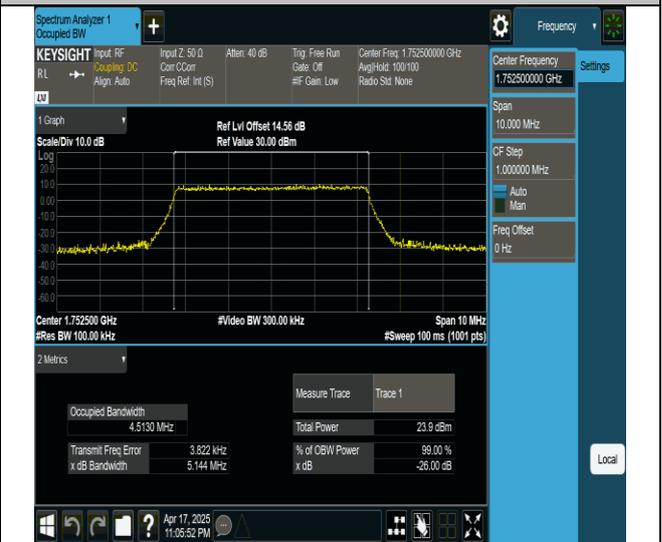
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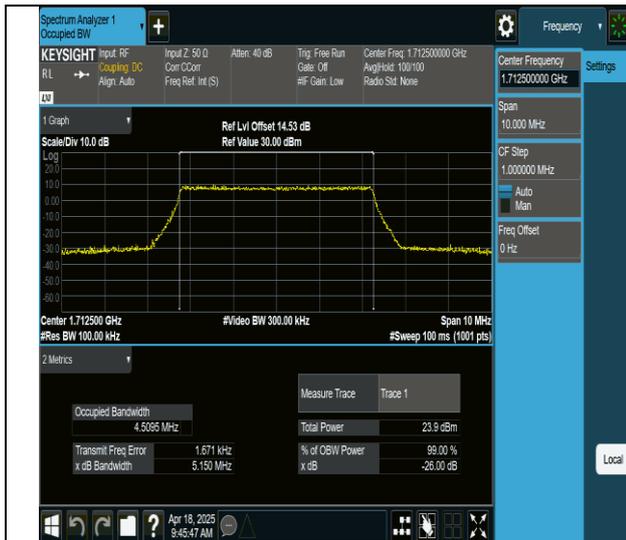
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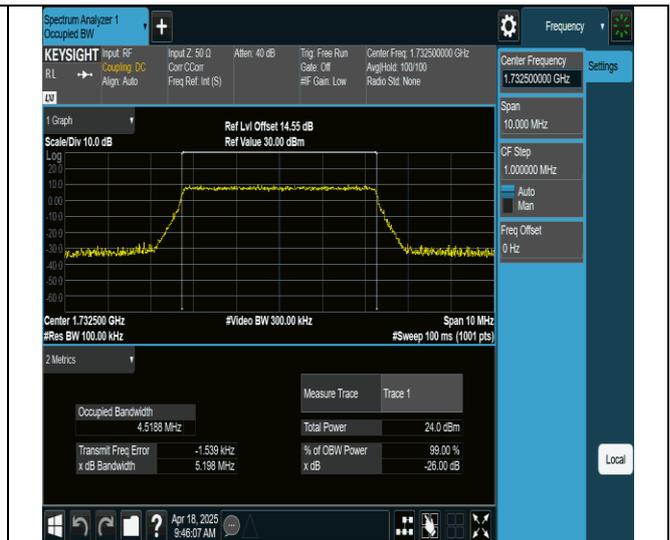
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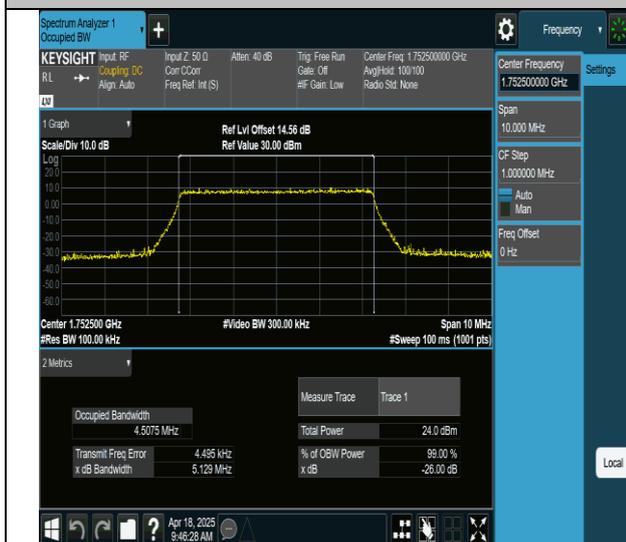
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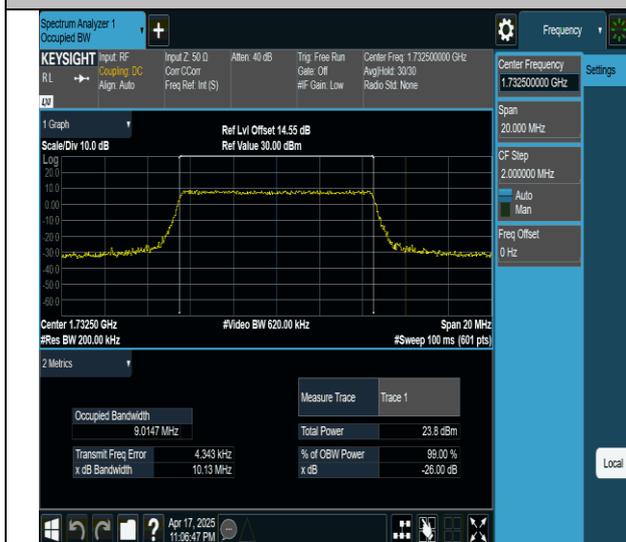
Band4-5MHz-64QAM-20175-25RB#0-PASS



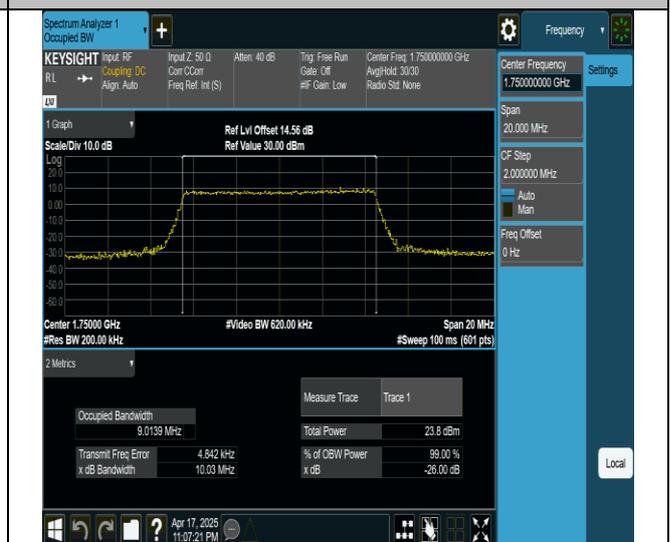
Band4-5MHz-64QAM-20375-25RB#0-PASS



Band4-10MHz-QPSK-20000-50RB#0-PASS



Band4-10MHz-QPSK-20175-50RB#0-PASS



Band4-10MHz-QPSK-20350-50RB#0-PASS



Band4-10MHz-16QAM-20000-50RB#0-PASS



Band4-10MHz-16QAM-20175-50RB#0-PASS



Band4-10MHz-16QAM-20350-50RB#0-PASS



Band4-10MHz-64QAM-20000-50RB#0-PASS



Band4-10MHz-64QAM-20175-50RB#0-PASS

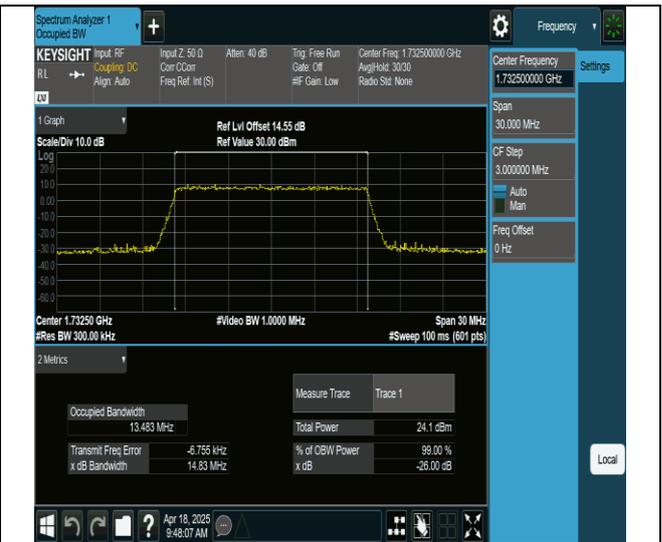


Band4-10MHz-64QAM-20350-50RB#0-PASS

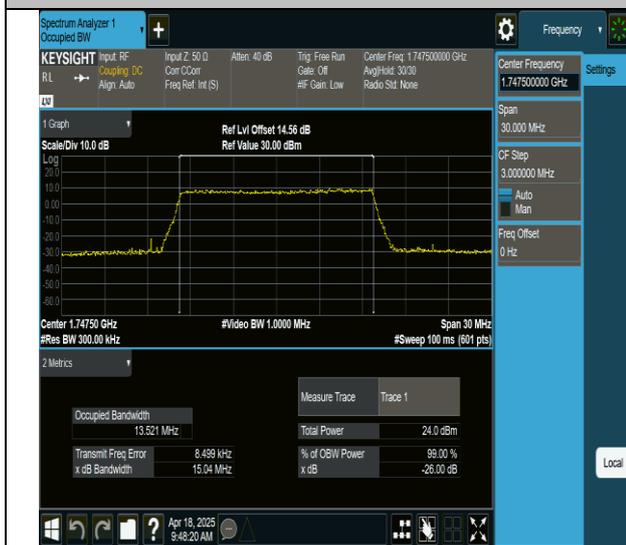




Band4-15MHz-64QAM-20025-75RB#0-PASS



Band4-15MHz-64QAM-20175-75RB#0-PASS



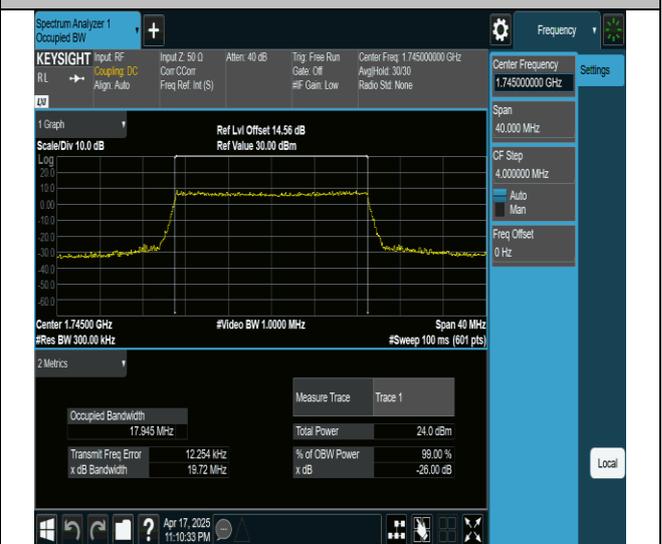
Band4-15MHz-64QAM-20325-75RB#0-PASS



Band4-20MHz-QPSK-20050-100RB#0-PASS



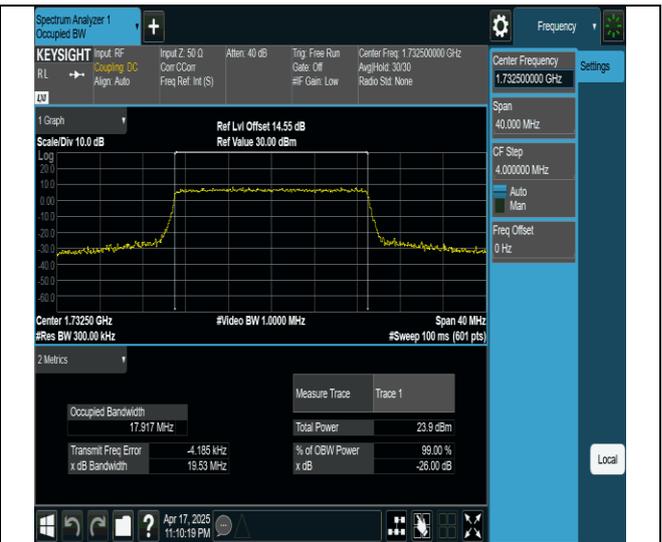
Band4-20MHz-QPSK-20175-100RB#0-PASS



Band4-20MHz-QPSK-20300-100RB#0-PASS



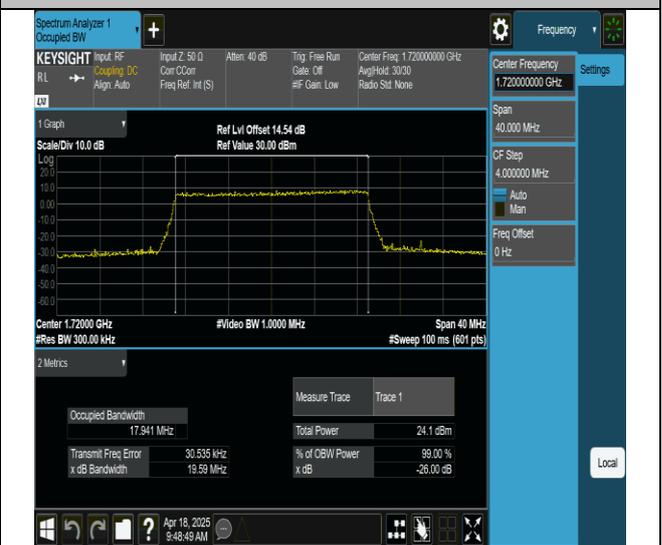
Band4-20MHz-16QAM-20050-100RB#0-PASS



Band4-20MHz-16QAM-20175-100RB#0-PASS



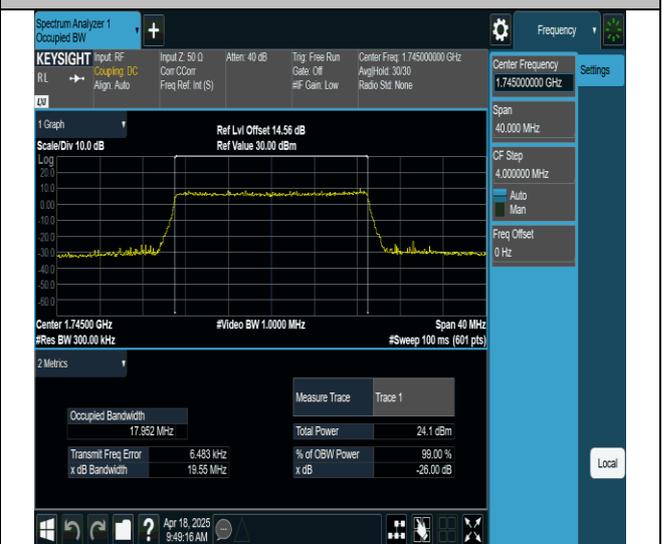
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Band4-20MHz-64QAM-20050-100RB#0-PASS



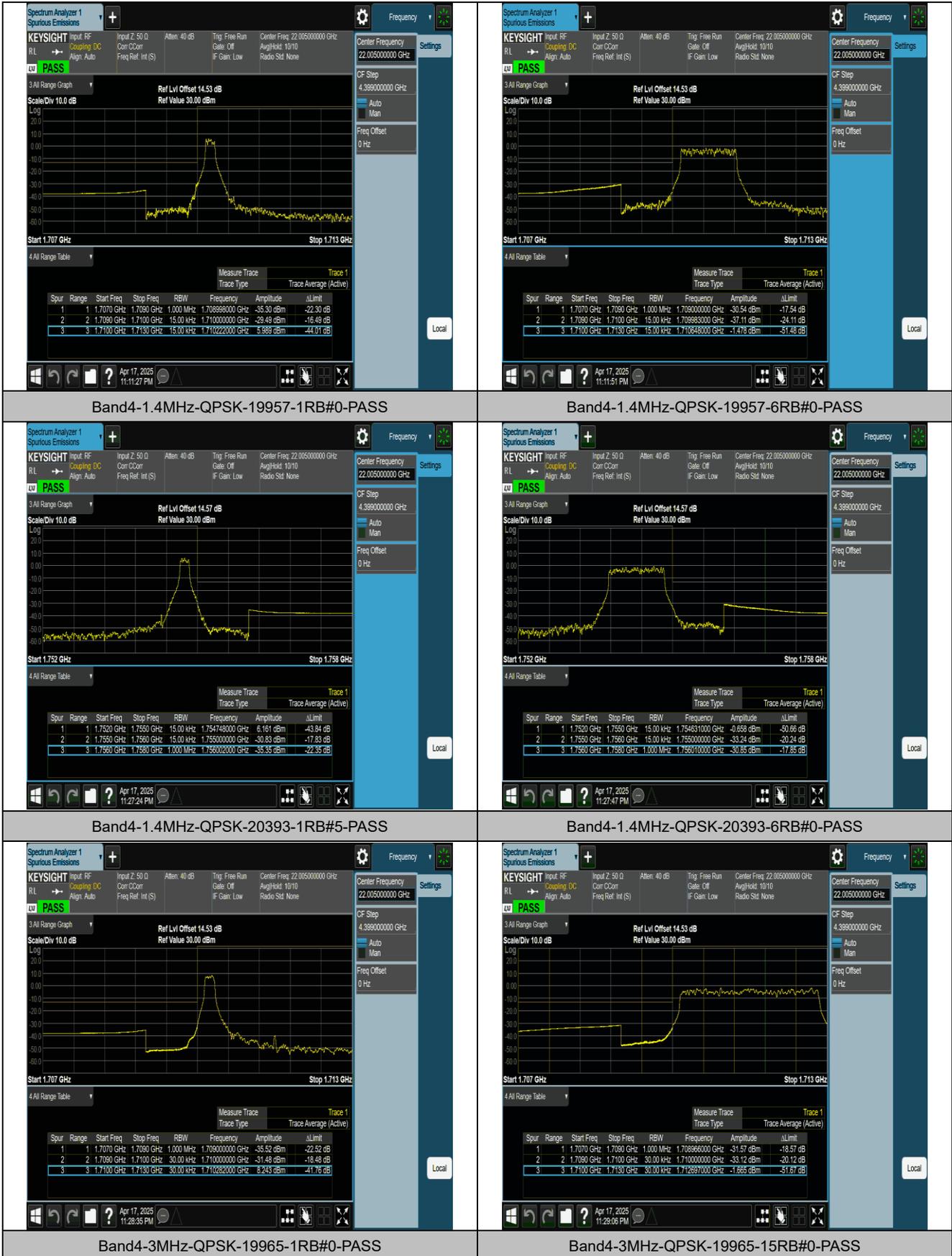
Band4-20MHz-64QAM-20175-100RB#0-PASS



Band4-20MHz-64QAM-20300-100RB#0-PASS

Band Edge

Test Graphs





Band4-3MHz-QPSK-20385-1RB#14-PASS



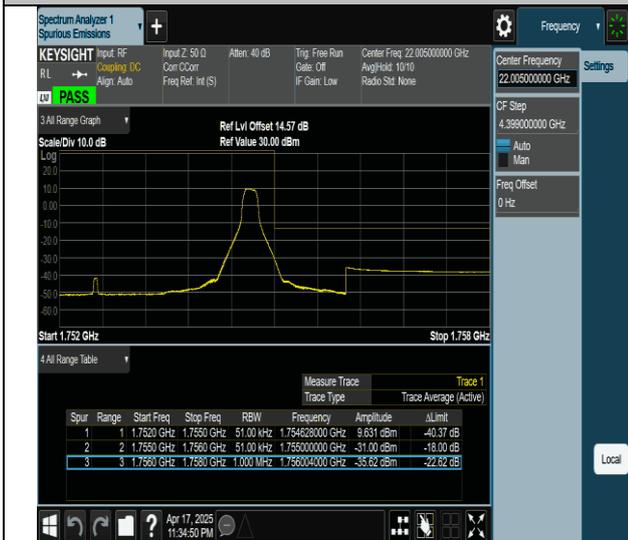
Band4-3MHz-QPSK-20385-15RB#0-PASS



Band4-5MHz-QPSK-19975-1RB#0-PASS



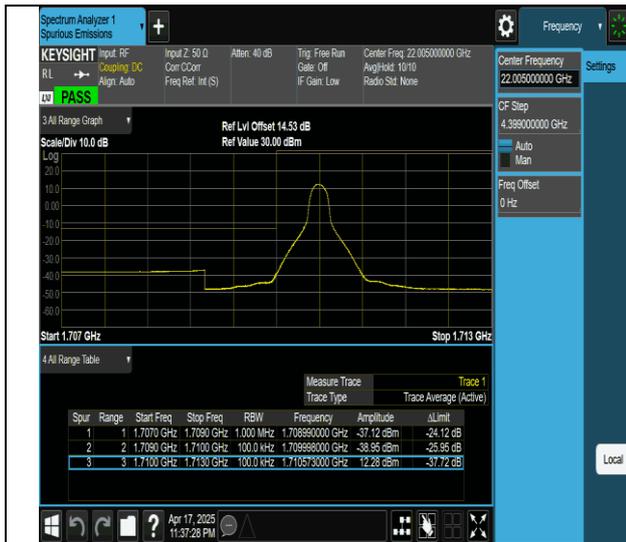
Band4-5MHz-QPSK-19975-25RB#0-PASS



Band4-5MHz-QPSK-20375-1RB#24-PASS



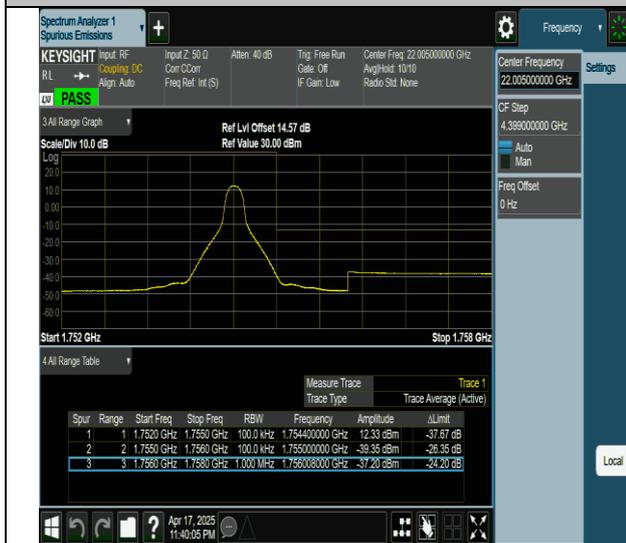
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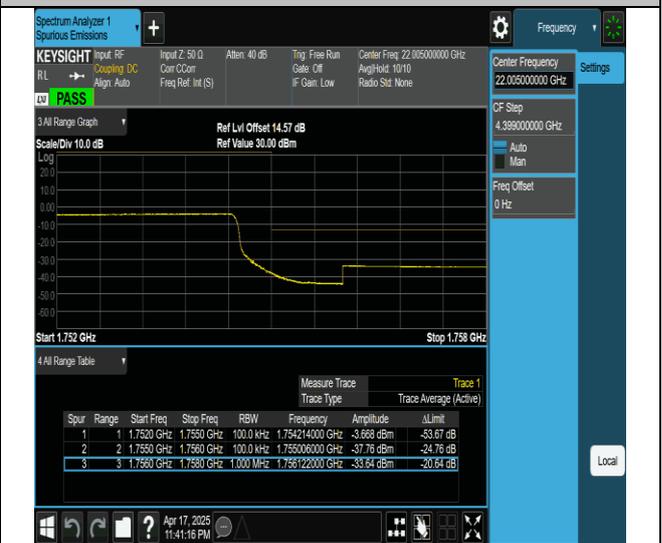
Band4-10MHz-QPSK-20000-1RB#0-PASS



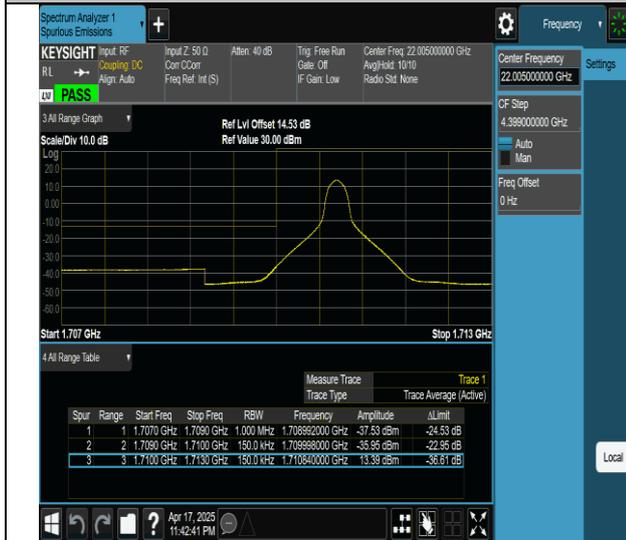
Band4-10MHz-QPSK-20000-50RB#0-PASS



Band4-10MHz-QPSK-20350-1RB#49-PASS



Band4-10MHz-QPSK-20350-50RB#0-PASS



Band4-15MHz-QPSK-20025-1RB#0-PASS

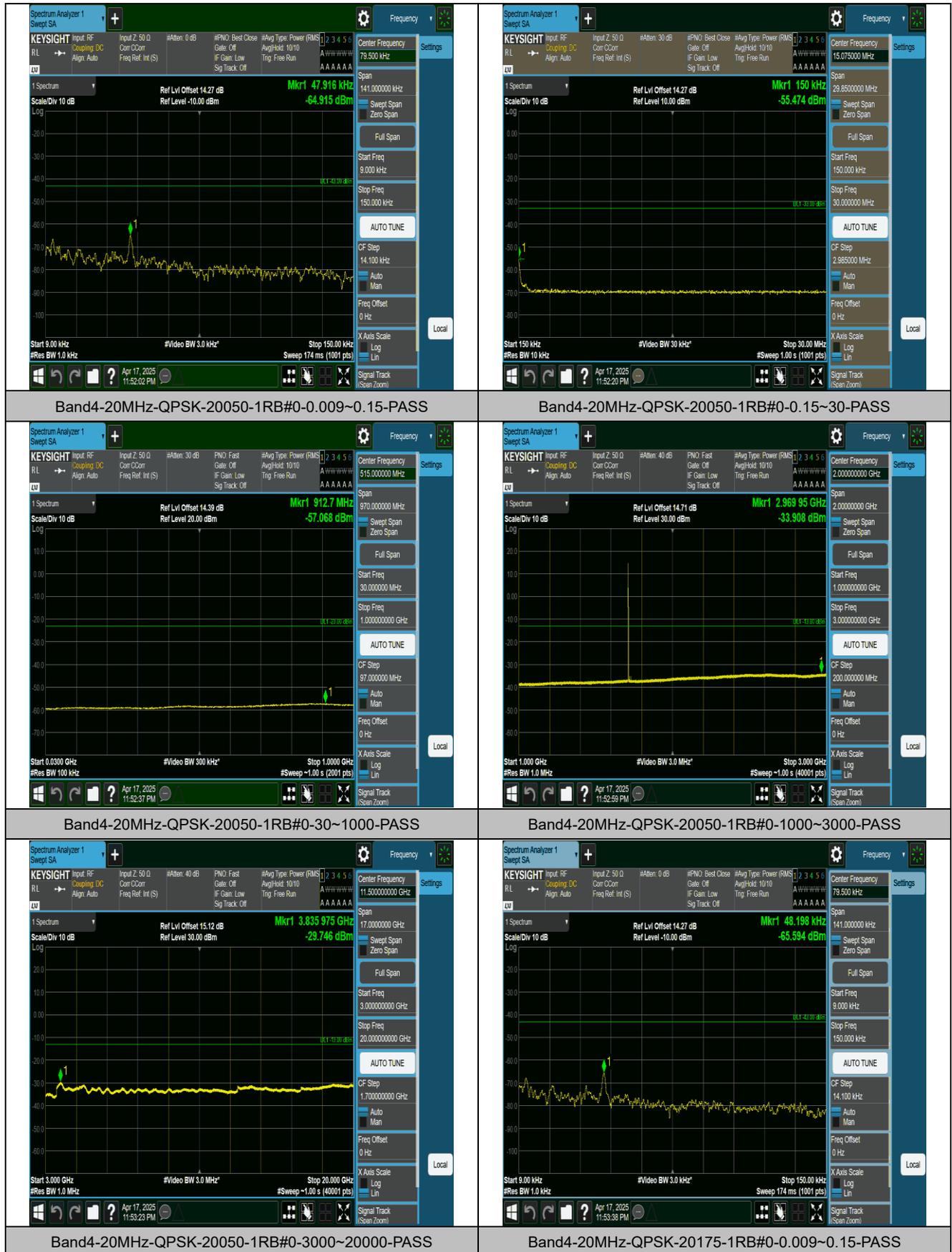


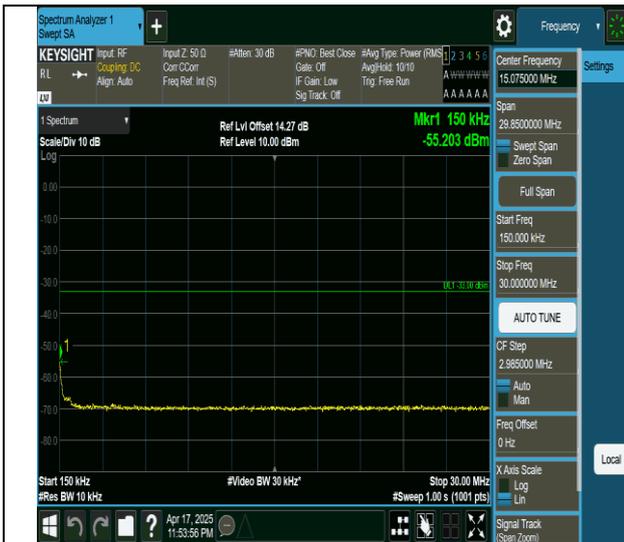
Band4-15MHz-QPSK-20025-75RB#0-PASS



Conducted Spurious Emission

Test Graphs







Band4-20MHz-QPSK-20300-1RB#0-30~1000-PASS



Band4-20MHz-QPSK-20300-1RB#0-1000~3000-PASS



Band4-20MHz-QPSK-20300-1RB#0-3000~20000-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-1.00	-0.000577	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-0.80	-0.000462	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-1.60	-0.000924	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-1.00	-0.000577	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-1.90	-0.001097	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-1.40	-0.000808	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-2.00	-0.001154	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-1.20	-0.000693	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-1.40	-0.000808	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-1.70	-0.000981	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-0.40	-0.000231	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-2.00	-0.001154	PASS

~The End~