

# 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	14.56	15.06	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	14.44	14.94	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	14.61	15.11	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	14.58	15.08	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#2	14.44	14.94	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	14.48	14.98	30	PASS
Band4	1.4MHz	QPSK	19957	15RB#0	14.69	15.19	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	14.63	15.13	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	14.45	14.95	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	14.60	15.10	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	14.73	15.23	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#2	14.57	15.07	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	14.48	14.98	30	PASS
Band4	1.4MHz	16QAM	19957	15RB#0	14.63	15.13	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	14.45	14.95	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	14.69	15.19	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	14.49	14.99	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	14.41	14.91	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#2	14.57	15.07	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	14.67	15.17	30	PASS
Band4	1.4MHz	64QAM	19957	15RB#0	14.57	15.07	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	14.47	14.97	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	14.52	15.02	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	14.74	15.24	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	14.65	15.15	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#2	14.60	15.10	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	14.55	15.05	30	PASS
Band4	1.4MHz	QPSK	20175	15RB#0	14.62	15.12	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	14.59	15.09	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	14.57	15.07	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	14.62	15.12	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	14.67	15.17	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#2	14.49	14.99	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	14.64	15.14	30	PASS
Band4	1.4MHz	16QAM	20175	15RB#0	14.55	15.05	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	14.56	15.06	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	14.67	15.17	30	PASS

Band4	1.4MHz	64QAM	20175	1RB#5	14.54	15.04	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	14.53	15.03	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#2	14.53	15.03	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	14.53	15.03	30	PASS
Band4	1.4MHz	64QAM	20175	15RB#0	14.61	15.11	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	14.69	15.19	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	14.60	15.10	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	14.73	15.23	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	14.68	15.18	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#2	14.69	15.19	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	14.53	15.03	30	PASS
Band4	1.4MHz	QPSK	20393	15RB#0	14.59	15.09	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	14.66	15.16	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	14.56	15.06	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	14.56	15.06	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	14.62	15.12	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#2	14.57	15.07	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	14.46	14.96	30	PASS
Band4	1.4MHz	16QAM	20393	15RB#0	14.58	15.08	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	14.58	15.08	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	14.69	15.19	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	14.56	15.06	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	14.53	15.03	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#2	14.41	14.91	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	14.64	15.14	30	PASS
Band4	1.4MHz	64QAM	20393	15RB#0	14.62	15.12	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	14.51	15.01	30	PASS
Band4	3MHz	QPSK	19965	1RB#7	14.42	14.92	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	14.72	15.22	30	PASS
Band4	3MHz	QPSK	19965	8RB#0	14.57	15.07	30	PASS
Band4	3MHz	QPSK	19965	8RB#4	14.38	14.88	30	PASS
Band4	3MHz	QPSK	19965	8RB#7	14.58	15.08	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	14.62	15.12	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	14.67	15.17	30	PASS
Band4	3MHz	16QAM	19965	1RB#7	14.60	15.10	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	14.63	15.13	30	PASS
Band4	3MHz	16QAM	19965	8RB#0	14.59	15.09	30	PASS
Band4	3MHz	16QAM	19965	8RB#4	14.62	15.12	30	PASS
Band4	3MHz	16QAM	19965	8RB#7	14.43	14.93	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	14.45	14.95	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	14.54	15.04	30	PASS
Band4	3MHz	64QAM	19965	1RB#7	14.58	15.08	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	14.65	15.15	30	PASS
Band4	3MHz	64QAM	19965	8RB#0	14.54	15.04	30	PASS

Band4	3MHz	64QAM	19965	8RB#4	14.64	15.14	30	PASS
Band4	3MHz	64QAM	19965	8RB#7	14.70	15.20	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	14.63	15.13	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	14.53	15.03	30	PASS
Band4	3MHz	QPSK	20175	1RB#7	14.58	15.08	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	14.65	15.15	30	PASS
Band4	3MHz	QPSK	20175	8RB#0	14.66	15.16	30	PASS
Band4	3MHz	QPSK	20175	8RB#4	14.57	15.07	30	PASS
Band4	3MHz	QPSK	20175	8RB#7	14.60	15.10	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	14.74	15.24	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	14.69	15.19	30	PASS
Band4	3MHz	16QAM	20175	1RB#7	14.56	15.06	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	14.63	15.13	30	PASS
Band4	3MHz	16QAM	20175	8RB#0	14.65	15.15	30	PASS
Band4	3MHz	16QAM	20175	8RB#4	14.55	15.05	30	PASS
Band4	3MHz	16QAM	20175	8RB#7	14.60	15.10	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	14.59	15.09	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	14.54	15.04	30	PASS
Band4	3MHz	64QAM	20175	1RB#7	14.60	15.10	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	14.60	15.10	30	PASS
Band4	3MHz	64QAM	20175	8RB#0	14.66	15.16	30	PASS
Band4	3MHz	64QAM	20175	8RB#4	14.64	15.14	30	PASS
Band4	3MHz	64QAM	20175	8RB#7	14.45	14.95	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	14.68	15.18	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	14.56	15.06	30	PASS
Band4	3MHz	QPSK	20385	1RB#7	14.41	14.91	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	14.77	15.27	30	PASS
Band4	3MHz	QPSK	20385	8RB#0	14.58	15.08	30	PASS
Band4	3MHz	QPSK	20385	8RB#4	14.56	15.06	30	PASS
Band4	3MHz	QPSK	20385	8RB#7	14.66	15.16	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	14.62	15.12	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	14.75	15.25	30	PASS
Band4	3MHz	16QAM	20385	1RB#7	14.65	15.15	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	14.55	15.05	30	PASS
Band4	3MHz	16QAM	20385	8RB#0	14.72	15.22	30	PASS
Band4	3MHz	16QAM	20385	8RB#4	14.53	15.03	30	PASS
Band4	3MHz	16QAM	20385	8RB#7	14.46	14.96	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	14.52	15.02	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	14.72	15.22	30	PASS
Band4	3MHz	64QAM	20385	1RB#7	14.67	15.17	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	14.61	15.11	30	PASS
Band4	3MHz	64QAM	20385	8RB#0	14.59	15.09	30	PASS
Band4	3MHz	64QAM	20385	8RB#4	14.44	14.94	30	PASS
Band4	3MHz	64QAM	20385	8RB#7	14.75	15.25	30	PASS

Band4	3MHz	64QAM	20385	15RB#0	14.57	15.07	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	14.60	15.10	30	PASS
Band4	5MHz	QPSK	19975	1RB#13	14.58	15.08	30	PASS
Band4	5MHz	QPSK	19975	1RB#25	14.60	15.10	30	PASS
Band4	5MHz	QPSK	19975	12RB#0	14.61	15.11	30	PASS
Band4	5MHz	QPSK	19975	12RB#6	14.47	14.97	30	PASS
Band4	5MHz	QPSK	19975	12RB#13	14.47	14.97	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	14.78	15.28	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	14.57	15.07	30	PASS
Band4	5MHz	16QAM	19975	1RB#13	14.56	15.06	30	PASS
Band4	5MHz	16QAM	19975	1RB#25	14.67	15.17	30	PASS
Band4	5MHz	16QAM	19975	12RB#0	14.75	15.25	30	PASS
Band4	5MHz	16QAM	19975	12RB#6	14.56	15.06	30	PASS
Band4	5MHz	16QAM	19975	12RB#13	14.51	15.01	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	14.51	15.01	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	14.63	15.13	30	PASS
Band4	5MHz	64QAM	19975	1RB#13	14.66	15.16	30	PASS
Band4	5MHz	64QAM	19975	1RB#25	14.61	15.11	30	PASS
Band4	5MHz	64QAM	19975	12RB#0	14.52	15.02	30	PASS
Band4	5MHz	64QAM	19975	12RB#6	14.50	15.00	30	PASS
Band4	5MHz	64QAM	19975	12RB#13	14.56	15.06	30	PASS
Band4	5MHz	64QAM	19975	25RB#0	14.56	15.06	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	14.65	15.15	30	PASS
Band4	5MHz	QPSK	20175	1RB#13	14.56	15.06	30	PASS
Band4	5MHz	QPSK	20175	1RB#25	14.67	15.17	30	PASS
Band4	5MHz	QPSK	20175	12RB#0	14.54	15.04	30	PASS
Band4	5MHz	QPSK	20175	12RB#6	14.44	14.94	30	PASS
Band4	5MHz	QPSK	20175	12RB#13	14.48	14.98	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	14.69	15.19	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	14.66	15.16	30	PASS
Band4	5MHz	16QAM	20175	1RB#13	14.65	15.15	30	PASS
Band4	5MHz	16QAM	20175	1RB#25	14.44	14.94	30	PASS
Band4	5MHz	16QAM	20175	12RB#0	14.62	15.12	30	PASS
Band4	5MHz	16QAM	20175	12RB#6	14.53	15.03	30	PASS
Band4	5MHz	16QAM	20175	12RB#13	14.46	14.96	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	14.50	15.00	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	14.66	15.16	30	PASS
Band4	5MHz	64QAM	20175	1RB#13	14.59	15.09	30	PASS
Band4	5MHz	64QAM	20175	1RB#25	14.52	15.02	30	PASS
Band4	5MHz	64QAM	20175	12RB#0	14.70	15.20	30	PASS
Band4	5MHz	64QAM	20175	12RB#6	14.58	15.08	30	PASS
Band4	5MHz	64QAM	20175	12RB#13	14.49	14.99	30	PASS
Band4	5MHz	64QAM	20175	25RB#0	14.72	15.22	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	14.69	15.19	30	PASS

Band4	5MHz	QPSK	20375	1RB#13	14.51	15.01	30	PASS
Band4	5MHz	QPSK	20375	1RB#25	14.70	15.20	30	PASS
Band4	5MHz	QPSK	20375	12RB#0	14.57	15.07	30	PASS
Band4	5MHz	QPSK	20375	12RB#6	14.54	15.04	30	PASS
Band4	5MHz	QPSK	20375	12RB#13	14.59	15.09	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	14.74	15.24	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	14.72	15.22	30	PASS
Band4	5MHz	16QAM	20375	1RB#13	14.53	15.03	30	PASS
Band4	5MHz	16QAM	20375	1RB#25	14.63	15.13	30	PASS
Band4	5MHz	16QAM	20375	12RB#0	14.79	15.29	30	PASS
Band4	5MHz	16QAM	20375	12RB#6	14.58	15.08	30	PASS
Band4	5MHz	16QAM	20375	12RB#13	14.58	15.08	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	14.65	15.15	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	14.60	15.10	30	PASS
Band4	5MHz	64QAM	20375	1RB#13	14.69	15.19	30	PASS
Band4	5MHz	64QAM	20375	1RB#25	14.61	15.11	30	PASS
Band4	5MHz	64QAM	20375	12RB#0	14.67	15.17	30	PASS
Band4	5MHz	64QAM	20375	12RB#6	14.60	15.10	30	PASS
Band4	5MHz	64QAM	20375	12RB#13	14.56	15.06	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	14.65	15.15	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	14.51	15.01	30	PASS
Band4	10MHz	QPSK	20000	1RB#25	14.51	15.01	30	PASS
Band4	10MHz	QPSK	20000	1RB#50	14.60	15.10	30	PASS
Band4	10MHz	QPSK	20000	25RB#0	14.48	14.98	30	PASS
Band4	10MHz	QPSK	20000	25RB#13	14.51	15.01	30	PASS
Band4	10MHz	QPSK	20000	25RB#25	14.44	14.94	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	14.68	15.18	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	14.62	15.12	30	PASS
Band4	10MHz	16QAM	20000	1RB#25	14.59	15.09	30	PASS
Band4	10MHz	16QAM	20000	1RB#50	14.71	15.21	30	PASS
Band4	10MHz	16QAM	20000	25RB#0	14.67	15.17	30	PASS
Band4	10MHz	16QAM	20000	25RB#13	14.61	15.11	30	PASS
Band4	10MHz	16QAM	20000	25RB#25	14.49	14.99	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	14.57	15.07	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	14.62	15.12	30	PASS
Band4	10MHz	64QAM	20000	1RB#25	14.51	15.01	30	PASS
Band4	10MHz	64QAM	20000	1RB#50	14.58	15.08	30	PASS
Band4	10MHz	64QAM	20000	25RB#0	14.41	14.91	30	PASS
Band4	10MHz	64QAM	20000	25RB#13	14.58	15.08	30	PASS
Band4	10MHz	64QAM	20000	25RB#25	14.59	15.09	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	14.50	15.00	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	14.67	15.17	30	PASS
Band4	10MHz	QPSK	20175	1RB#25	14.64	15.14	30	PASS
Band4	10MHz	QPSK	20175	1RB#50	14.66	15.16	30	PASS

Band4	10MHz	QPSK	20175	25RB#0	14.66	15.16	30	PASS
Band4	10MHz	QPSK	20175	25RB#13	14.52	15.02	30	PASS
Band4	10MHz	QPSK	20175	25RB#25	14.61	15.11	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	14.60	15.10	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	14.71	15.21	30	PASS
Band4	10MHz	16QAM	20175	1RB#25	14.55	15.05	30	PASS
Band4	10MHz	16QAM	20175	1RB#50	14.46	14.96	30	PASS
Band4	10MHz	16QAM	20175	25RB#0	14.62	15.12	30	PASS
Band4	10MHz	16QAM	20175	25RB#13	14.55	15.05	30	PASS
Band4	10MHz	16QAM	20175	25RB#25	14.55	15.05	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	14.58	15.08	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	14.58	15.08	30	PASS
Band4	10MHz	64QAM	20175	1RB#25	14.77	15.27	30	PASS
Band4	10MHz	64QAM	20175	1RB#50	14.69	15.19	30	PASS
Band4	10MHz	64QAM	20175	25RB#0	14.59	15.09	30	PASS
Band4	10MHz	64QAM	20175	25RB#13	14.55	15.05	30	PASS
Band4	10MHz	64QAM	20175	25RB#25	14.53	15.03	30	PASS
Band4	10MHz	64QAM	20175	50RB#0	14.66	15.16	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	14.68	15.18	30	PASS
Band4	10MHz	QPSK	20350	1RB#25	14.47	14.97	30	PASS
Band4	10MHz	QPSK	20350	1RB#50	14.77	15.27	30	PASS
Band4	10MHz	QPSK	20350	25RB#0	14.56	15.06	30	PASS
Band4	10MHz	QPSK	20350	25RB#13	14.63	15.13	30	PASS
Band4	10MHz	QPSK	20350	25RB#25	14.53	15.03	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	14.69	15.19	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	14.78	15.28	30	PASS
Band4	10MHz	16QAM	20350	1RB#25	14.64	15.14	30	PASS
Band4	10MHz	16QAM	20350	1RB#50	14.63	15.13	30	PASS
Band4	10MHz	16QAM	20350	25RB#0	14.73	15.23	30	PASS
Band4	10MHz	16QAM	20350	25RB#13	14.50	15.00	30	PASS
Band4	10MHz	16QAM	20350	25RB#25	14.53	15.03	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	14.55	15.05	30	PASS
Band4	10MHz	64QAM	20350	1RB#0	14.59	15.09	30	PASS
Band4	10MHz	64QAM	20350	1RB#25	14.65	15.15	30	PASS
Band4	10MHz	64QAM	20350	1RB#50	14.52	15.02	30	PASS
Band4	10MHz	64QAM	20350	25RB#0	14.51	15.01	30	PASS
Band4	10MHz	64QAM	20350	25RB#13	14.54	15.04	30	PASS
Band4	10MHz	64QAM	20350	25RB#25	14.60	15.10	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	14.68	15.18	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	14.56	15.06	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	14.53	15.03	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	14.65	15.15	30	PASS
Band4	15MHz	QPSK	20025	36RB#0	14.53	15.03	30	PASS
Band4	15MHz	QPSK	20025	36RB#18	14.44	14.94	30	PASS

Band4	15MHz	QPSK	20025	36RB#39	14.46	14.96	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	14.62	15.12	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	14.62	15.12	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	14.49	14.99	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	14.63	15.13	30	PASS
Band4	15MHz	16QAM	20025	36RB#0	14.73	15.23	30	PASS
Band4	15MHz	16QAM	20025	36RB#18	14.47	14.97	30	PASS
Band4	15MHz	16QAM	20025	36RB#39	14.54	15.04	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	14.55	15.05	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	14.45	14.95	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	14.61	15.11	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	14.61	15.11	30	PASS
Band4	15MHz	64QAM	20025	36RB#0	14.53	15.03	30	PASS
Band4	15MHz	64QAM	20025	36RB#18	14.57	15.07	30	PASS
Band4	15MHz	64QAM	20025	36RB#39	14.67	15.17	30	PASS
Band4	15MHz	64QAM	20025	75RB#0	14.52	15.02	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	14.64	15.14	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	14.48	14.98	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	14.78	15.28	30	PASS
Band4	15MHz	QPSK	20175	36RB#0	14.54	15.04	30	PASS
Band4	15MHz	QPSK	20175	36RB#18	14.48	14.98	30	PASS
Band4	15MHz	QPSK	20175	36RB#39	14.54	15.04	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	14.69	15.19	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	14.74	15.24	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	14.68	15.18	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	14.61	15.11	30	PASS
Band4	15MHz	16QAM	20175	36RB#0	14.78	15.28	30	PASS
Band4	15MHz	16QAM	20175	36RB#18	14.47	14.97	30	PASS
Band4	15MHz	16QAM	20175	36RB#39	14.56	15.06	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	14.50	15.00	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	14.50	15.00	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	14.61	15.11	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	14.50	15.00	30	PASS
Band4	15MHz	64QAM	20175	36RB#0	14.53	15.03	30	PASS
Band4	15MHz	64QAM	20175	36RB#18	14.50	15.00	30	PASS
Band4	15MHz	64QAM	20175	36RB#39	14.63	15.13	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	14.65	15.15	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	14.65	15.15	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	14.53	15.03	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	14.76	15.26	30	PASS
Band4	15MHz	QPSK	20325	36RB#0	14.59	15.09	30	PASS
Band4	15MHz	QPSK	20325	36RB#18	14.68	15.18	30	PASS
Band4	15MHz	QPSK	20325	36RB#39	14.66	15.16	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	14.60	15.10	30	PASS

Band4	15MHz	16QAM	20325	1RB#0	14.73	15.23	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	14.47	14.97	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	14.59	15.09	30	PASS
Band4	15MHz	16QAM	20325	36RB#0	14.65	15.15	30	PASS
Band4	15MHz	16QAM	20325	36RB#18	14.54	15.04	30	PASS
Band4	15MHz	16QAM	20325	36RB#39	14.40	14.90	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	14.58	15.08	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	14.57	15.07	30	PASS
Band4	15MHz	64QAM	20325	1RB#38	14.70	15.20	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	14.59	15.09	30	PASS
Band4	15MHz	64QAM	20325	36RB#0	14.61	15.11	30	PASS
Band4	15MHz	64QAM	20325	36RB#18	14.56	15.06	30	PASS
Band4	15MHz	64QAM	20325	36RB#39	14.70	15.20	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	14.61	15.11	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	14.57	15.07	30	PASS
Band4	20MHz	QPSK	20050	1RB#50	14.52	15.02	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	14.71	15.21	30	PASS
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Band4	20MHz	QPSK	20050	50RB#25	14.49	14.99	30	PASS
Band4	20MHz	QPSK	20050	50RB#50	14.50	15.00	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	14.72	15.22	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	14.67	15.17	30	PASS
Band4	20MHz	16QAM	20050	1RB#50	14.52	15.02	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	14.66	15.16	30	PASS
Band4	20MHz	16QAM	20050	50RB#0	14.69	15.19	30	PASS
Band4	20MHz	16QAM	20050	50RB#25	14.59	15.09	30	PASS
Band4	20MHz	16QAM	20050	50RB#50	14.54	15.04	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	14.55	15.05	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	14.55	15.05	30	PASS
Band4	20MHz	64QAM	20050	1RB#50	14.61	15.11	30	PASS
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Band4	20MHz	64QAM	20050	100RB#0	14.59	15.09	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	14.59	15.09	30	PASS
Band4	20MHz	QPSK	20175	1RB#50	14.57	15.07	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	14.75	15.25	30	PASS
Band4	20MHz	QPSK	20175	50RB#0	14.58	15.08	30	PASS
Band4	20MHz	QPSK	20175	50RB#25	14.56	15.06	30	PASS
Band4	20MHz	QPSK	20175	50RB#50	14.59	15.09	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	14.68	15.18	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	14.66	15.16	30	PASS
Band4	20MHz	16QAM	20175	1RB#50	14.65	15.15	30	PASS

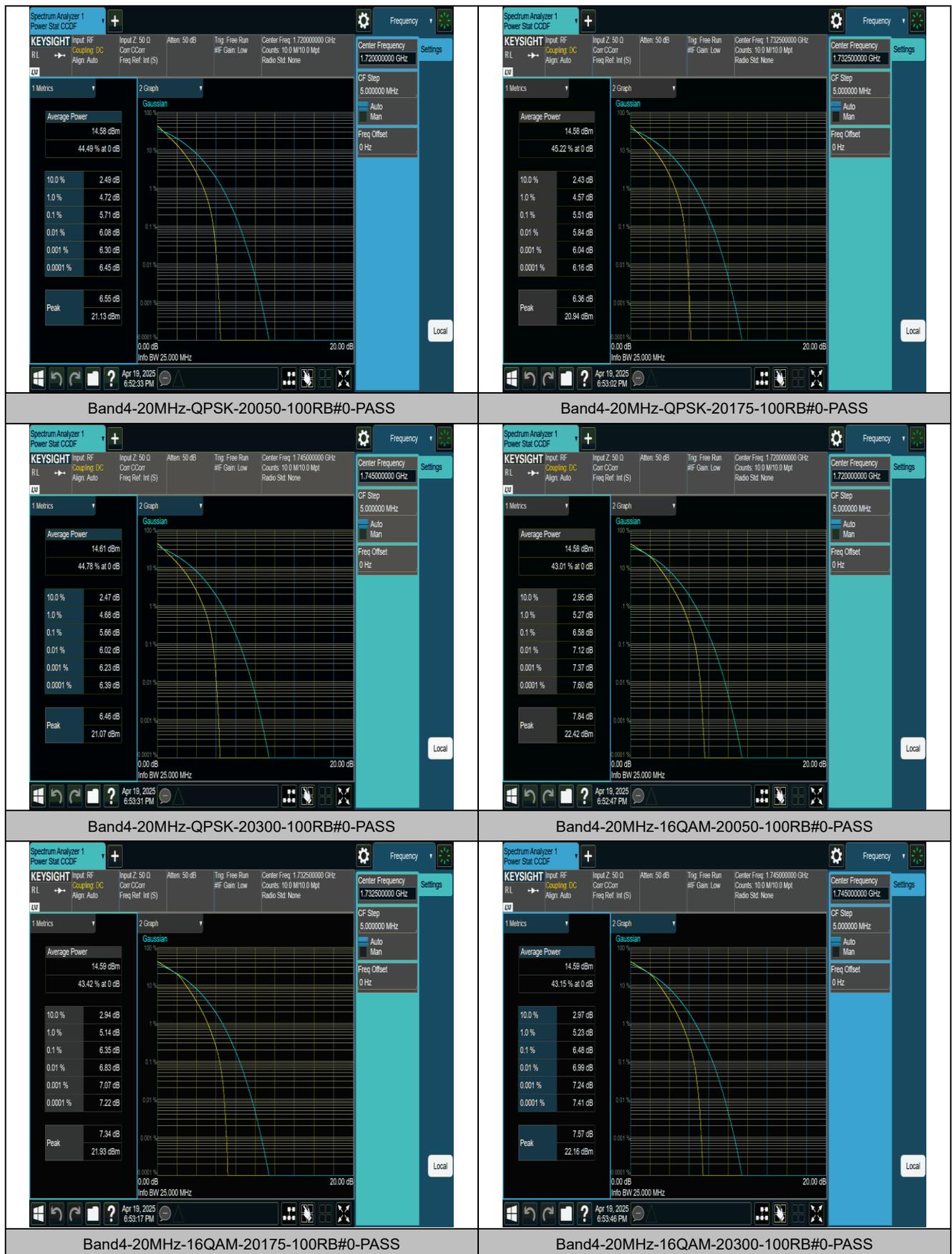
Band4	20MHz	16QAM	20175	1RB#99	14.56	15.06	30	PASS
Band4	20MHz	16QAM	20175	50RB#0	14.72	15.22	30	PASS
Band4	20MHz	16QAM	20175	50RB#25	14.55	15.05	30	PASS
Band4	20MHz	16QAM	20175	50RB#50	14.58	15.08	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	14.53	15.03	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	14.60	15.10	30	PASS
Band4	20MHz	64QAM	20175	1RB#50	14.71	15.21	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	14.62	15.12	30	PASS
Band4	20MHz	64QAM	20175	50RB#0	14.63	15.13	30	PASS
Band4	20MHz	64QAM	20175	50RB#25	14.61	15.11	30	PASS
Band4	20MHz	64QAM	20175	50RB#50	14.57	15.07	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	14.73	15.23	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	14.66	15.16	30	PASS
Band4	20MHz	QPSK	20300	1RB#50	14.53	15.03	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	14.81	15.31	30	PASS
Band4	20MHz	QPSK	20300	50RB#0	14.62	15.12	30	PASS
Band4	20MHz	QPSK	20300	50RB#25	14.62	15.12	30	PASS
Band4	20MHz	QPSK	20300	50RB#50	14.63	15.13	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	14.67	15.17	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	14.78	15.28	30	PASS
Band4	20MHz	16QAM	20300	1RB#50	14.58	15.08	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	14.63	15.13	30	PASS
Band4	20MHz	16QAM	20300	50RB#0	14.72	15.22	30	PASS
Band4	20MHz	16QAM	20300	50RB#25	14.61	15.11	30	PASS
Band4	20MHz	16QAM	20300	50RB#50	14.52	15.02	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	14.59	15.09	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	14.64	15.14	30	PASS
Band4	20MHz	64QAM	20300	1RB#50	14.72	15.22	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	14.60	15.10	30	PASS
Band4	20MHz	64QAM	20300	50RB#0	14.61	15.11	30	PASS
Band4	20MHz	64QAM	20300	50RB#25	14.53	15.03	30	PASS
Band4	20MHz	64QAM	20300	50RB#50	14.67	15.17	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	14.65	15.15	30	PASS

## Peak-to-Average Ratio(CCDF)

### Test Result

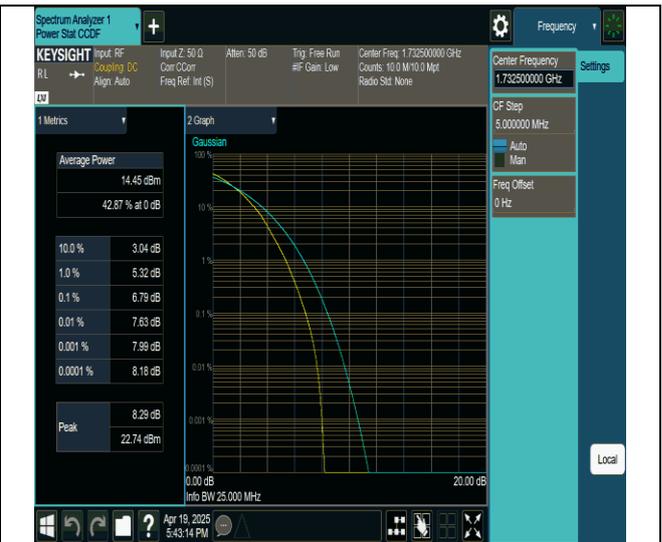
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.71	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.51	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.66	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.58	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.35	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.48	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	7.01	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.79	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.88	13	PASS

## Test Graphs

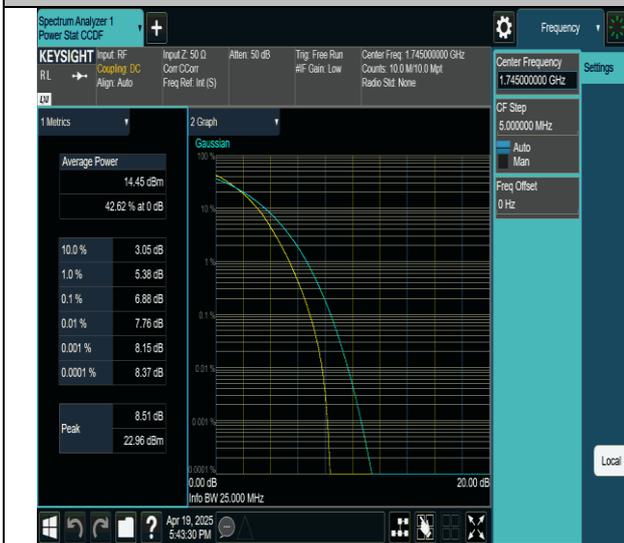




Band4-20MHz-64QAM-20050-100RB#0-PASS



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



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

## 26dB Bandwidth and Occupied Bandwidth

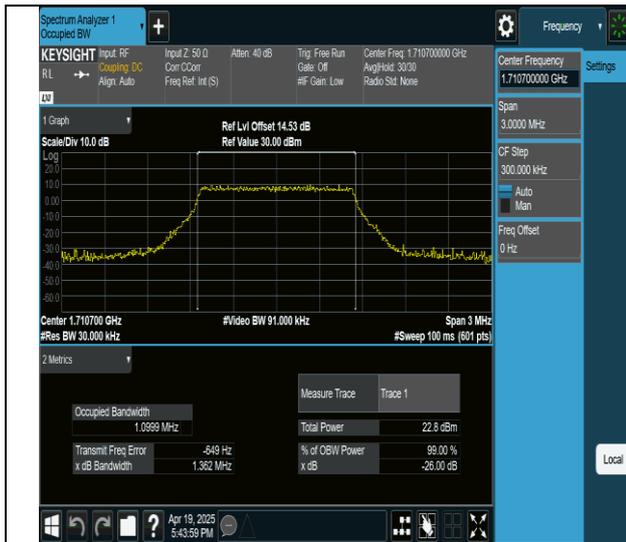
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1003	1.352	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0985	1.353	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0991	1.357	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1021	1.363	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1025	1.364	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1023	1.337	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.0999	1.362	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.1023	1.336	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.1003	1.357	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6895	2.978	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6838	2.991	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6871	2.982	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6883	2.971	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6846	2.960	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6856	2.962	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.6890	2.982	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.6874	3.017	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.6867	2.957	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5273	5.245	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5264	5.191	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5206	5.200	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5207	5.194	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5221	5.124	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5120	5.150	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.5205	5.221	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.5165	5.155	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.5131	5.138	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0248	10.10	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9993	10.09	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0041	10.08	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0187	10.04	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0155	10.02	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0153	10.08	PASS
Band4	10MHz	64QAM	20000	50RB#0	9.0265	10.12	PASS
Band4	10MHz	64QAM	20175	50RB#0	9.0050	9.986	PASS
Band4	10MHz	64QAM	20350	50RB#0	9.0393	10.07	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.521	15.13	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.495	14.97	PASS

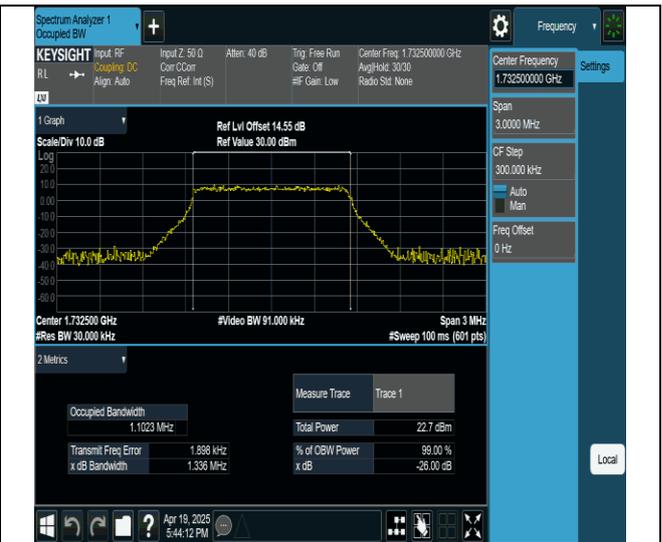
Band4	15MHz	QPSK	20325	75RB#0	13.516	14.95	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.518	15.15	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.513	14.94	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.507	15.01	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.521	14.91	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.468	14.98	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.507	14.97	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.955	19.72	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.937	19.60	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.969	19.79	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.948	19.52	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.917	19.67	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.956	19.77	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.951	19.69	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.935	19.67	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.984	19.69	PASS

## Test Graphs





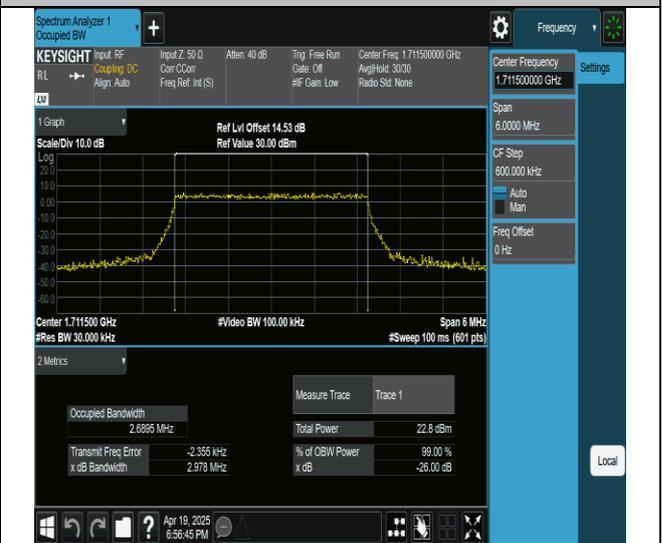
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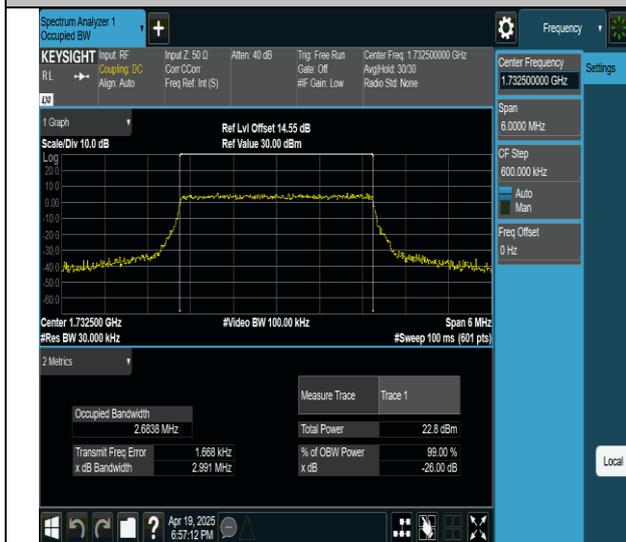
Band4-1.4MHz-64QAM-20175-6RB#0-PASS



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



Band4-3MHz-QPSK-19965-15RB#0-PASS



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



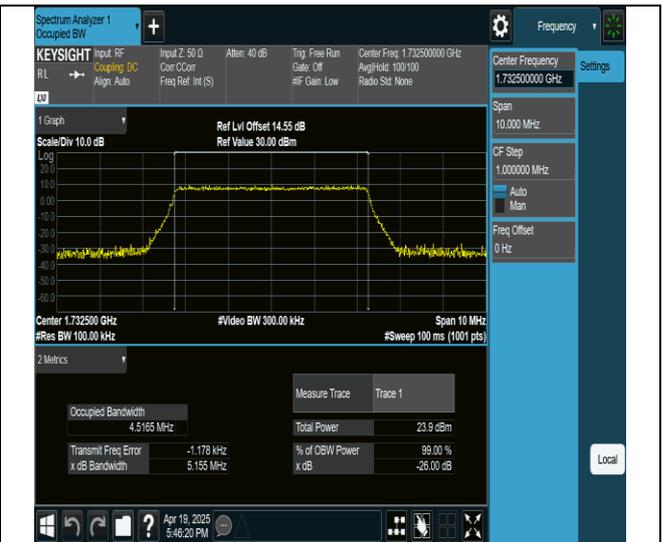
Band4-3MHz-QPSK-20385-15RB#0-PASS



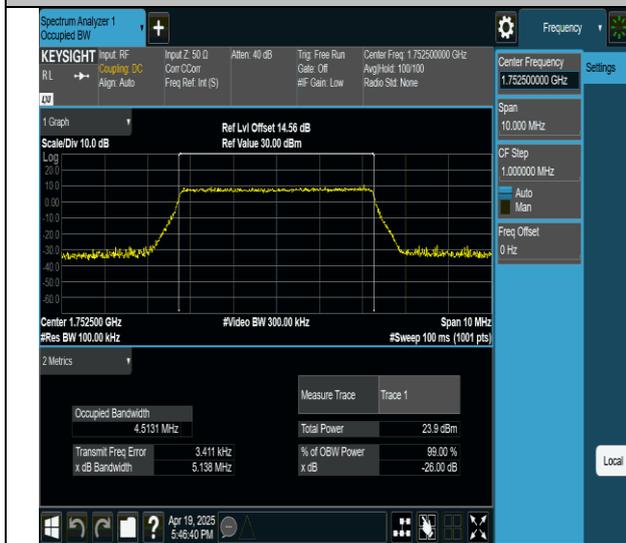




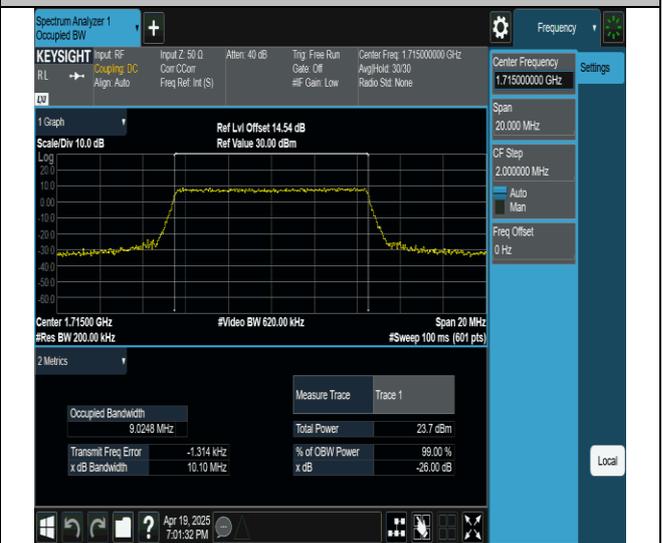
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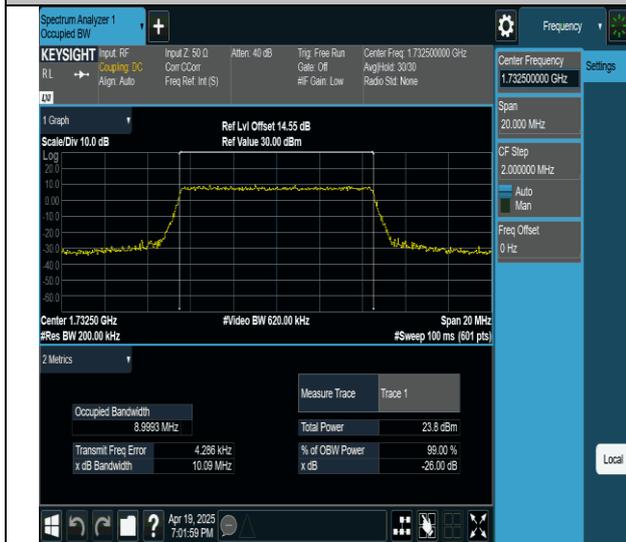
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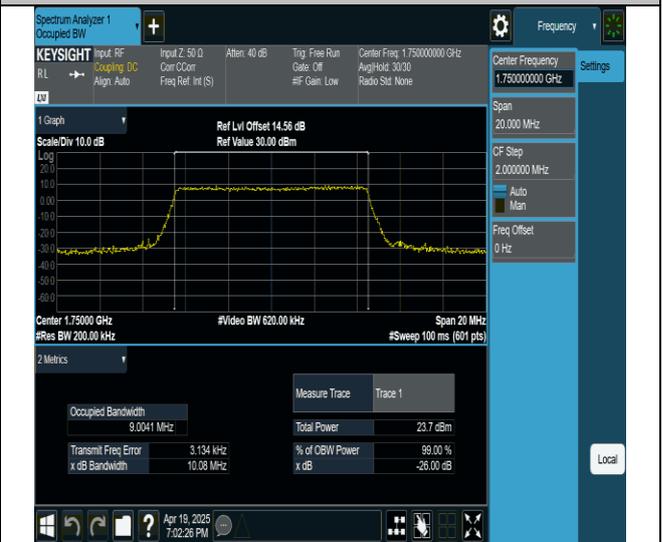
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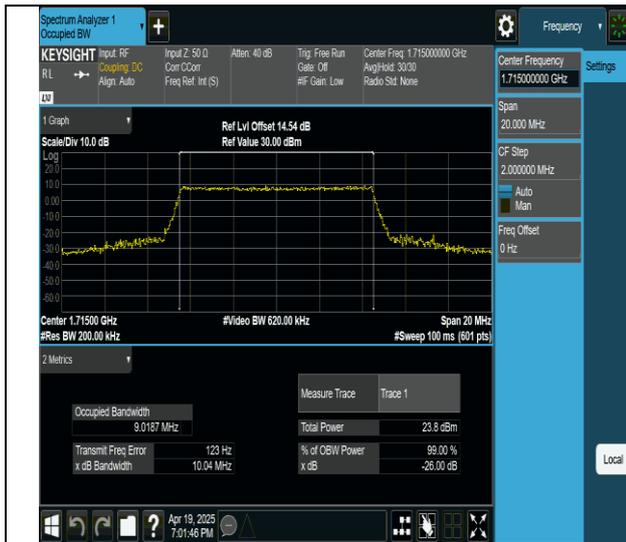
Band4-10MHz-QPSK-20000-50RB#0-PASS



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



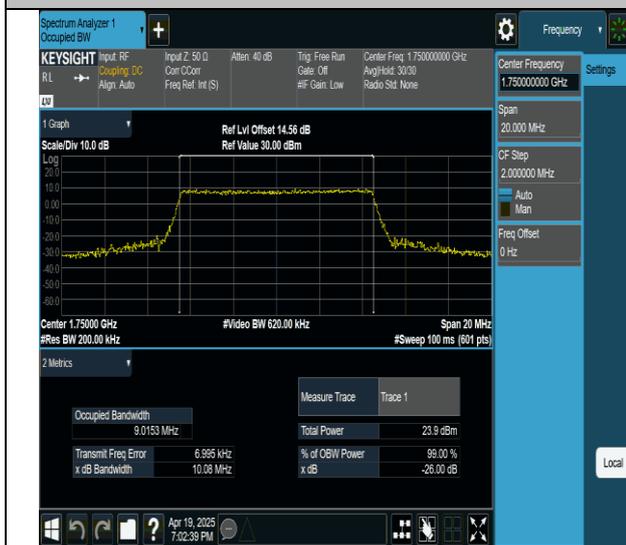
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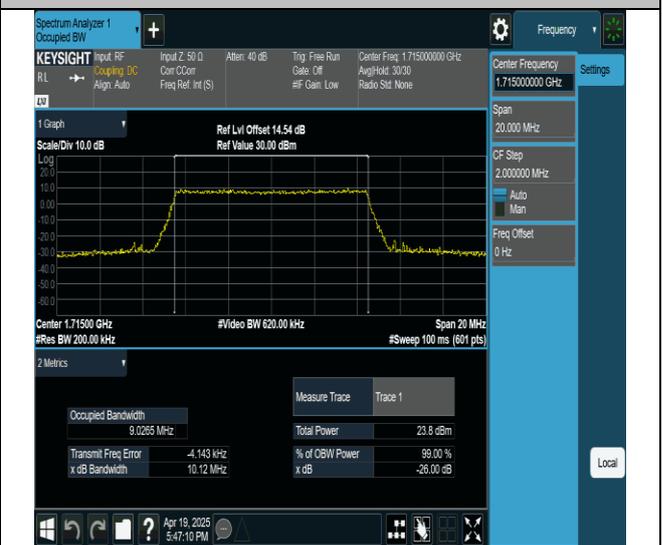
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Band4-10MHz-16QAM-20350-50RB#0-PASS



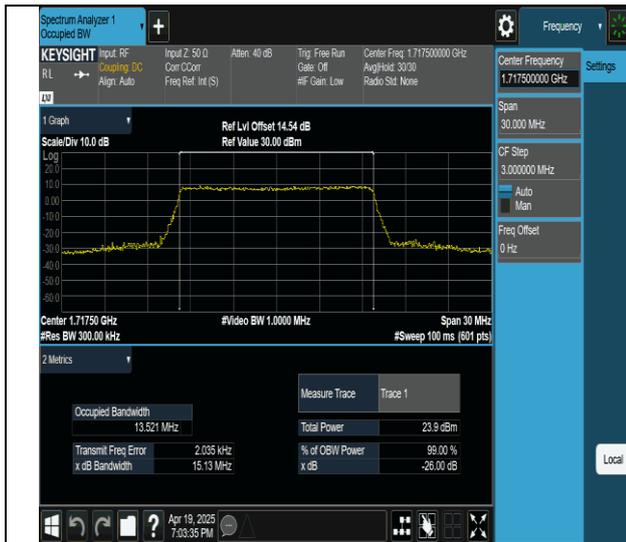
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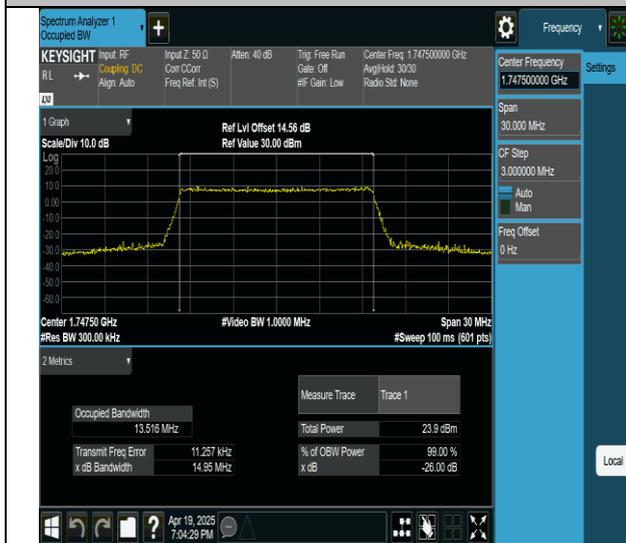
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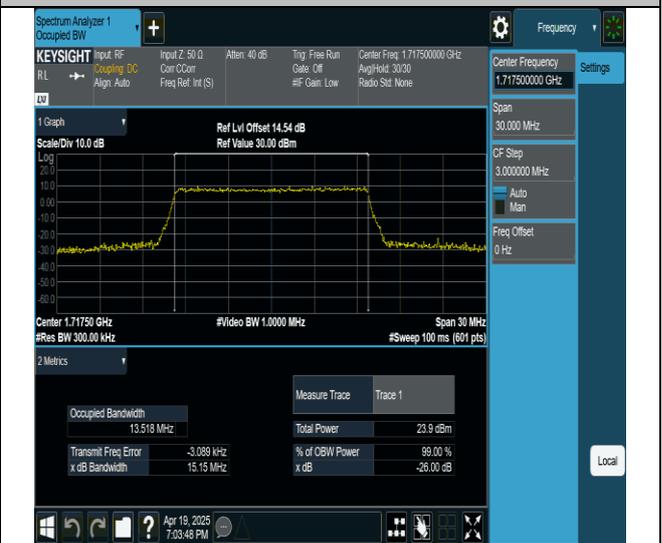
Band4-15MHz-QPSK-20025-75RB#0-PASS



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Band4-15MHz-QPSK-20325-75RB#0-PASS



Band4-15MHz-16QAM-20025-75RB#0-PASS



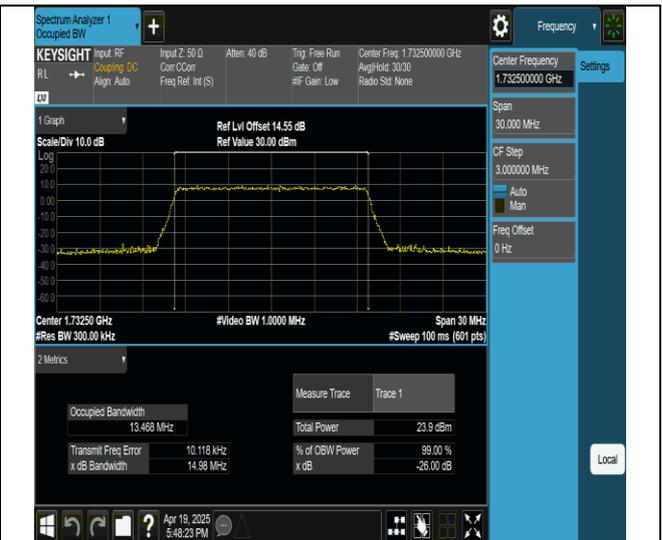
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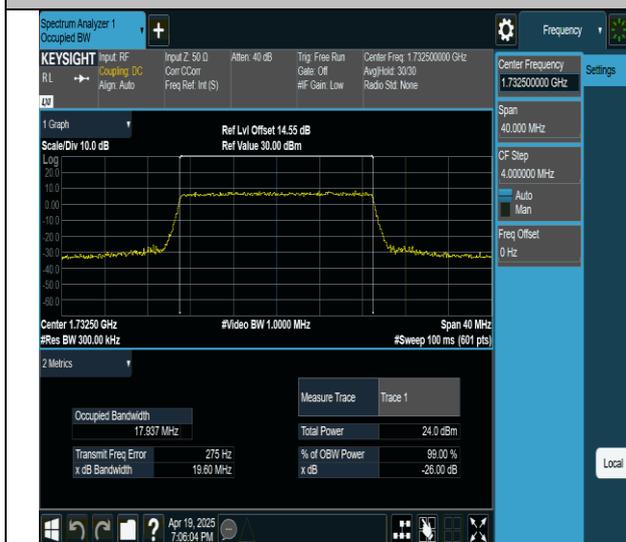
Band4-15MHz-64QAM-20175-75RB#0-PASS



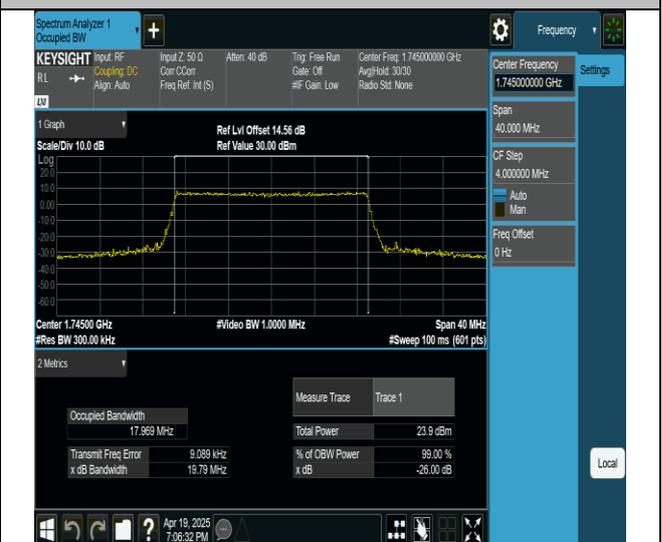
Band4-15MHz-64QAM-20325-75RB#0-PASS



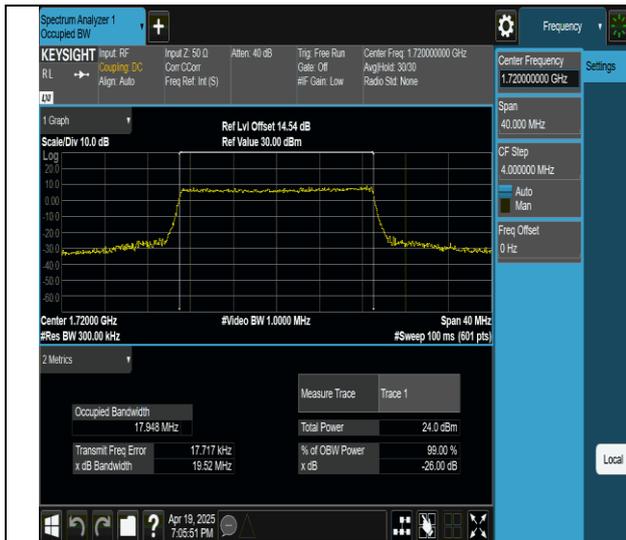
Band4-20MHz-QPSK-20050-100RB#0-PASS



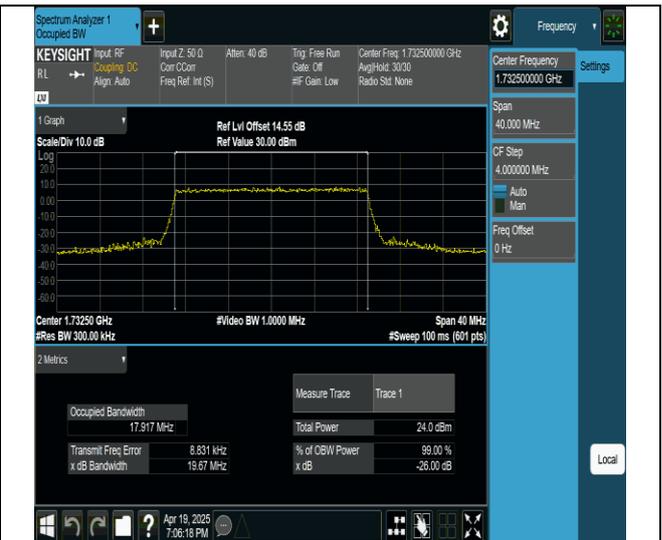
Band4-20MHz-QPSK-20175-100RB#0-PASS



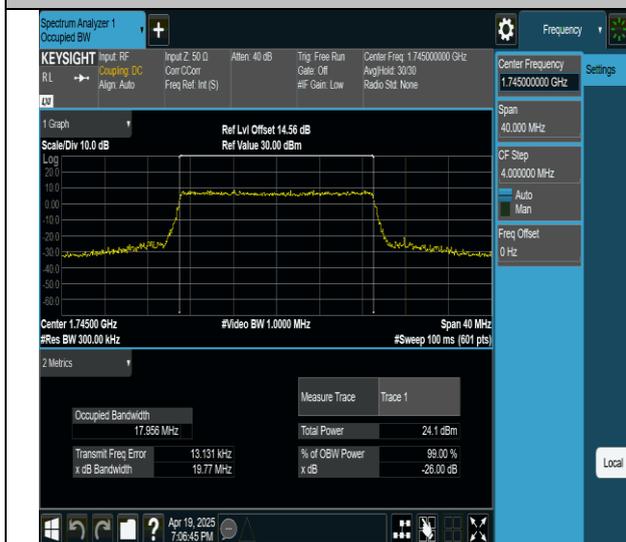
Band4-20MHz-QPSK-20300-100RB#0-PASS



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



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



Band4-20MHz-16QAM-20300-100RB#0-PASS



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



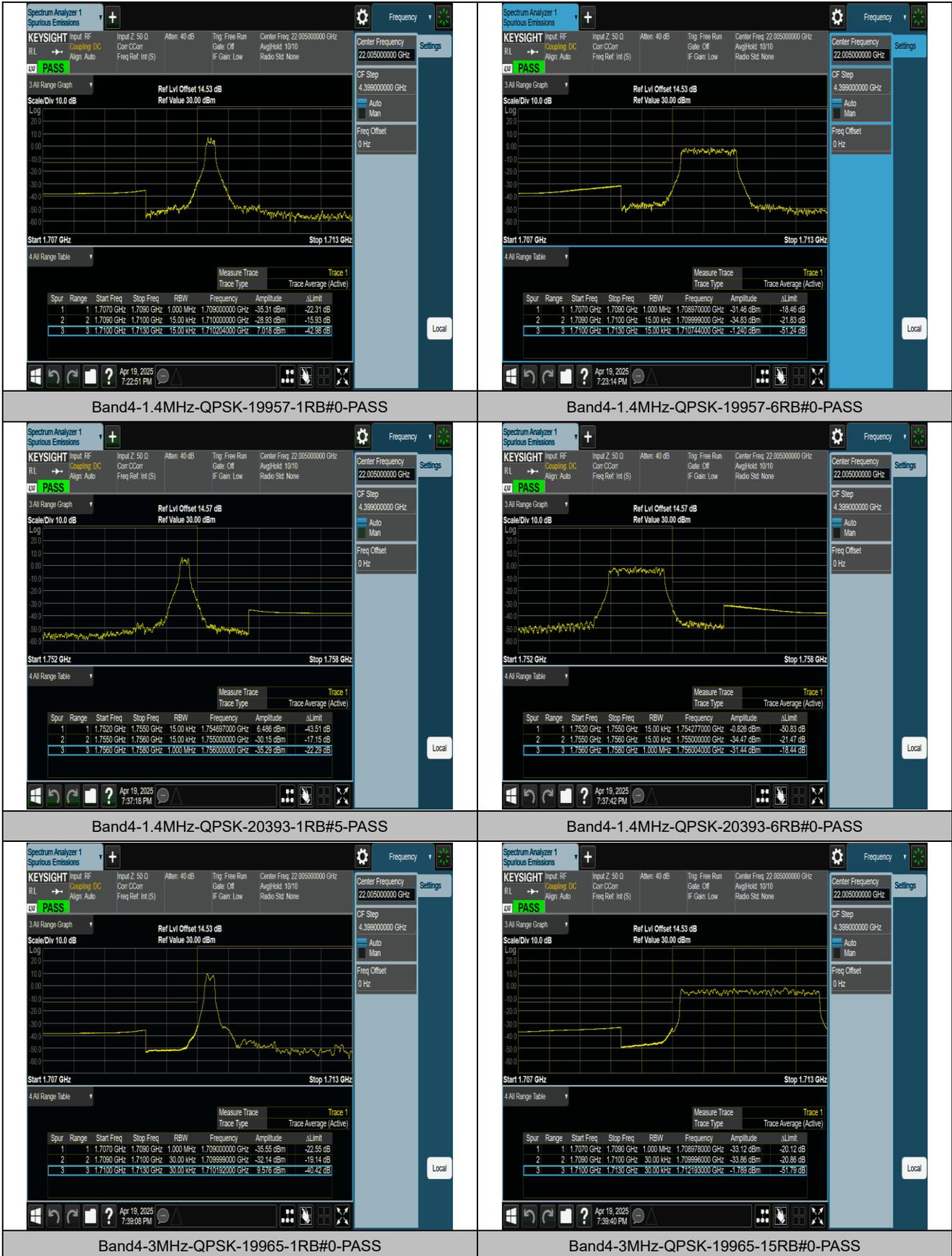
Band4-20MHz-64QAM-20175-100RB#0-PASS

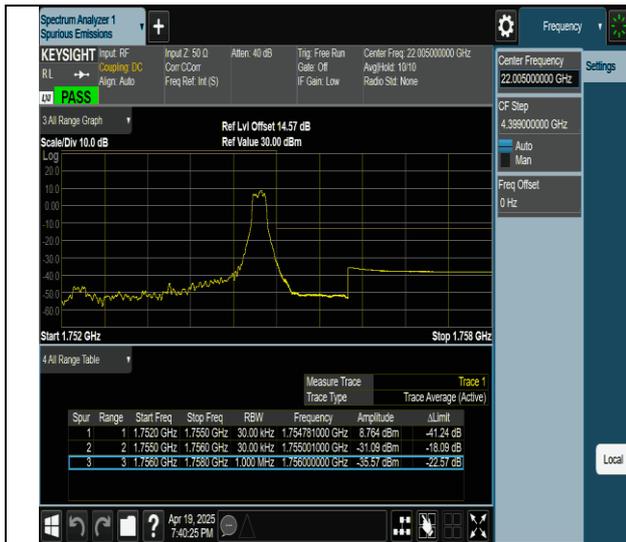


Band4-20MHz-64QAM-20300-100RB#0-PASS

## Band Edge

### Test Graphs





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



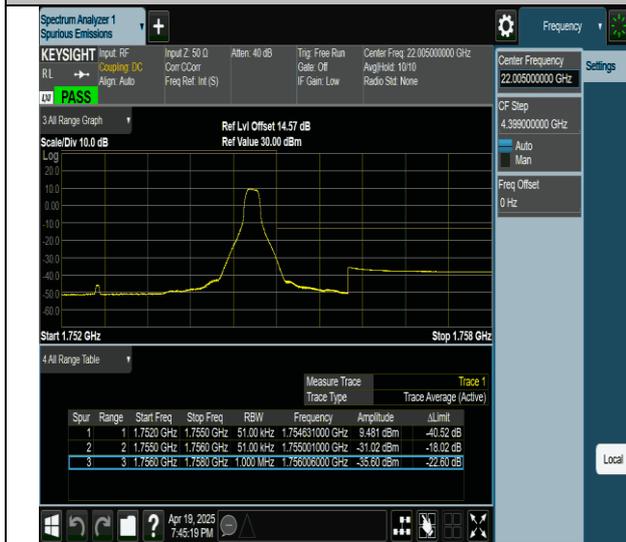
Band4-3MHz-QPSK-20385-15RB#0-PASS



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



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



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



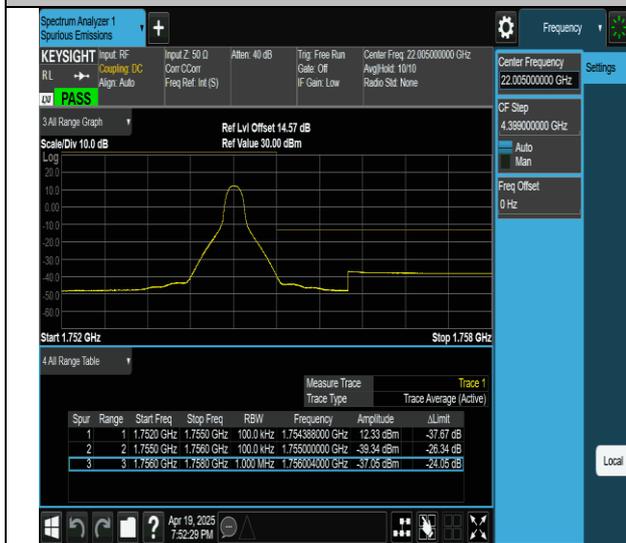
Band4-5MHz-QPSK-20375-25RB#0-PASS



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



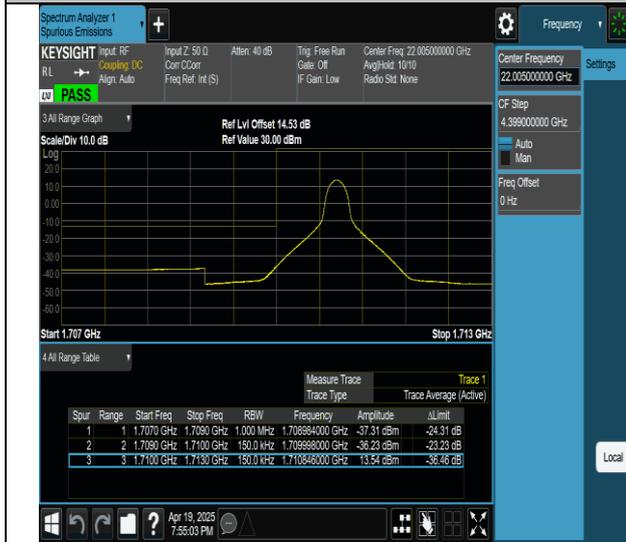
Band4-10MHz-QPSK-20000-50RB#0-PASS



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



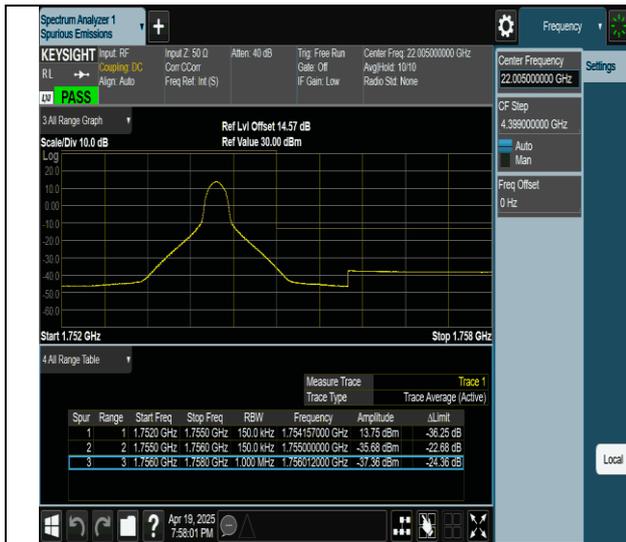
Band4-10MHz-QPSK-20350-50RB#0-PASS



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



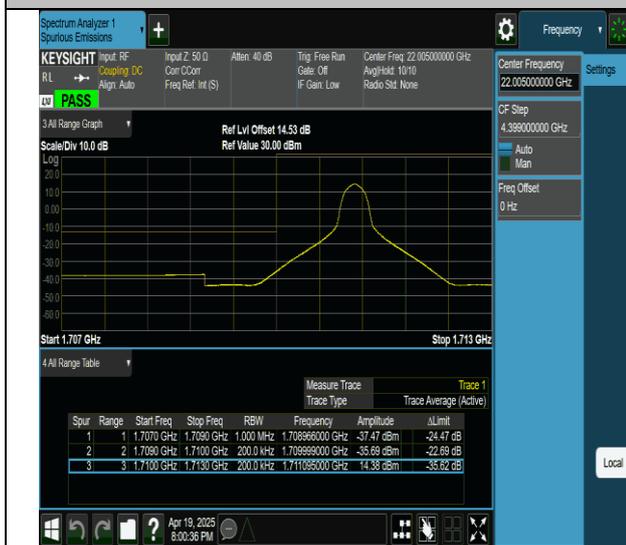
Band4-15MHz-QPSK-20025-75RB#0-PASS



Band4-15MHz-QPSK-20325-1RB#74-PASS



Band4-15MHz-QPSK-20325-75RB#0-PASS



Band4-20MHz-QPSK-20050-1RB#0-PASS



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



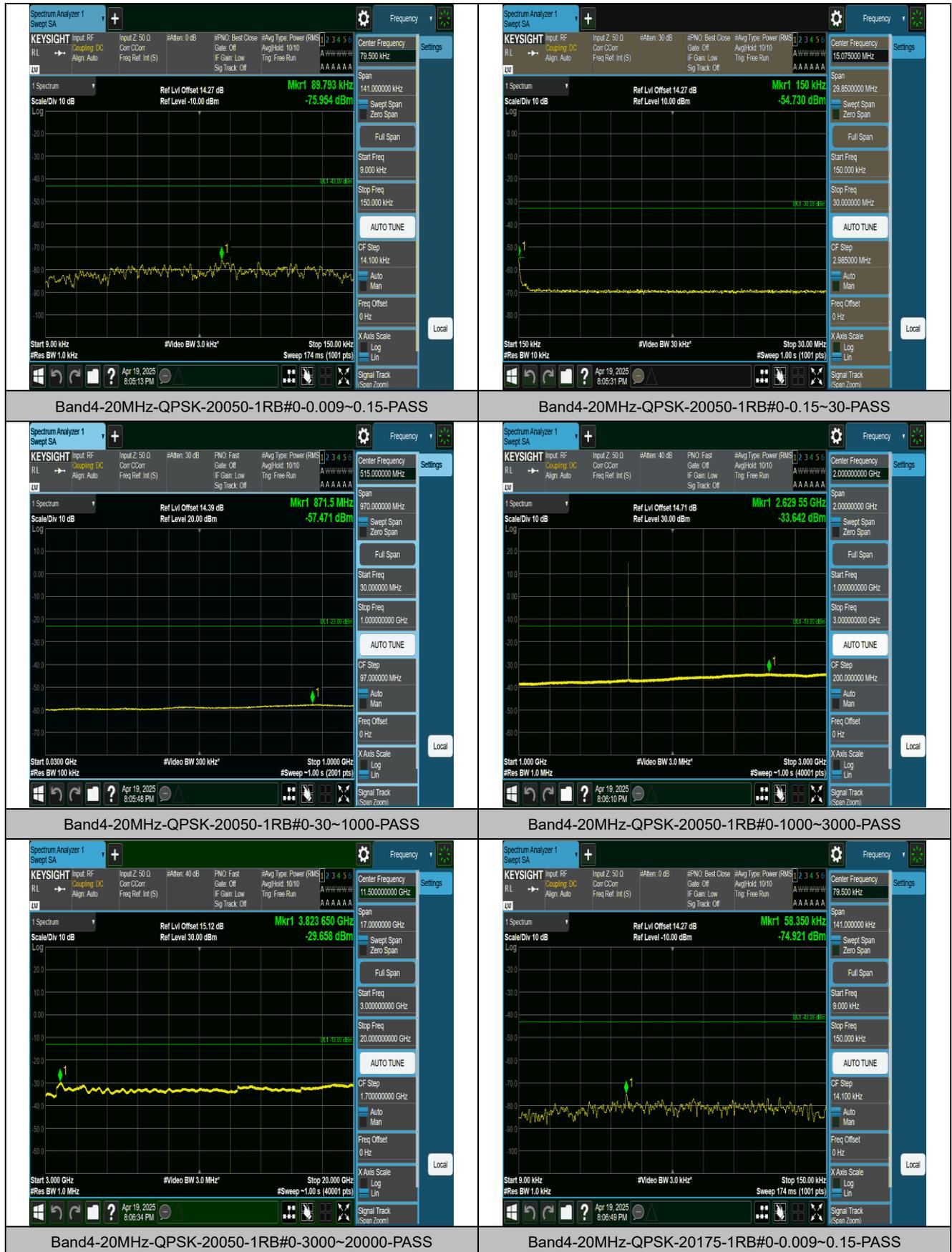
Band4-20MHz-QPSK-20300-1RB#99-PASS

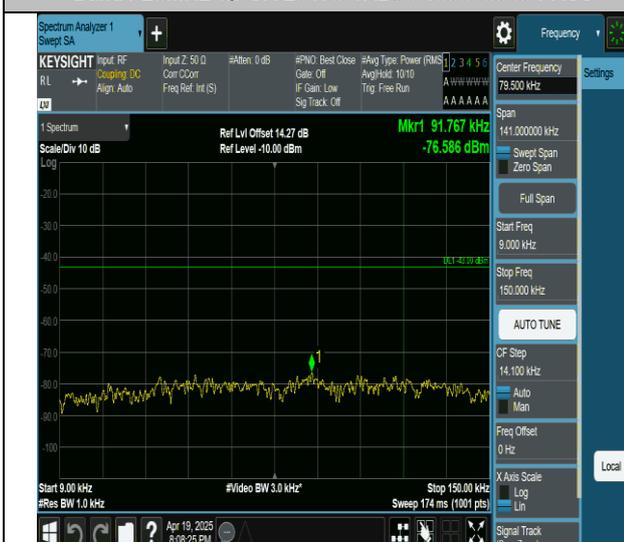


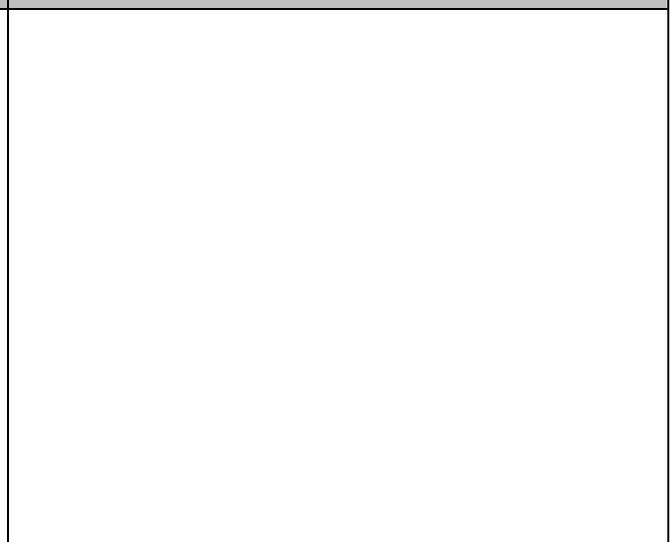
Band4-20MHz-QPSK-20300-100RB#0-PASS

# Conducted Spurious Emission

## Test Graphs







## 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	-0.90	-0.000519	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-1.70	-0.000981	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	0.20	0.000115	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	-0.70	-0.000404	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-2.70	-0.001558	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-1.10	-0.000635	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-0.50	-0.000289	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-1.30	-0.000750	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	0.40	0.000231	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-1.10	-0.000635	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-0.20	-0.000115	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-0.30	-0.000173	PASS

~The End~