Test Date of LTE_B4

EUT Description:Tablet
Model No.: C1

Temperature:	23.5℃
Relative Humidity:	56%
ATM Pressure:	101.0 kPa
Test Engineer:	Wayne.Lin
Reviewed By:	Pencils.chen

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	Anenna Gain	ERP/EIRP(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.70	1.2	23.9	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.73	1.2	23.93	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.72	1.2	23.92	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.69	1.2	23.89	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.69	1.2	23.89	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.72	1.2	23.92	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.77	1.2	22.97	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.95	1.2	24.15	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.96	1.2	24.16	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.99	1.2	24.19	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.74	1.2	23.94	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.73	1.2	23.93	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.75	1.2	23.95	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.87	1.2	23.07	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.71	1.2	23.91	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.70	1.2	23.9	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.81	1.2	24.01	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.80	1.2	24	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.80	1.2	24	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.74	1.2	23.94	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.82	1.2	23.02	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.67	1.2	23.87	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.68	1.2	23.88	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.68	1.2	23.88	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.45	1.2	22.65	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.43	1.2	22.63	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.45	1.2	22.65	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.14	1.2	22.34	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.24	1.2	23.44	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.29	1.2	23.49	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.26	1.2	23.46	PASS

Band4	1.4MHz	16QAM	20175	3RB#0	21.93	1.2	23.13	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.91	1.2	23.11	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.90	1.2	23.1	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.92	1.2	22.12	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.22	1.2	23.42	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.24	1.2	23.44	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.19	1.2	23.39	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.47	1.2	22.67	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.44	1.2	22.64	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.45	1.2	22.65	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.24	1.2	22.44	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.54	1.2	23.74	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.63	1.2	23.83	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.61	1.2	23.81	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.57	1.2	22.77	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.58	1.2	22.78	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.70	1.2	22.9	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.64	1.2	22.84	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.71	1.2	23.91	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.77	1.2	23.97	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.76	1.2	23.96	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.83	1.2	23.03	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.85	1.2	23.05	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.84	1.2	23.04	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.86	1.2	23.06	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.81	1.2	24.01	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.89	1.2	24.09	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.79	1.2	23.99	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.74	1.2	22.94	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.77	1.2	22.97	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.76	1.2	22.96	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.79	1.2	22.99	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.93	1.2	23.13	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.96	1.2	23.16	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.94	1.2	23.14	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.11	1.2	22.31	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.23	1.2	22.43	PASS

Band4	3MHz	16QAM	19965	8RB#7	21.22	1.2	22.42	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.13	1.2	22.33	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.92	1.2	23.12	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.93	1.2	23.13	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.07	1.2	23.27	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.32	1.2	22.52	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.32	1.2	22.52	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.99	1.2	22.19	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.76	1.2	21.96	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.95	1.2	23.15	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.96	1.2	23.16	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.94	1.2	23.14	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.93	1.2	22.13	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.92	1.2	22.12	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.28	1.2	22.48	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.94	1.2	22.14	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.62	1.2	23.82	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.56	1.2	23.76	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.61	1.2	23.81	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.61	1.2	22.81	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.61	1.2	22.81	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.73	1.2	22.93	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.75	1.2	22.95	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.67	1.2	23.87	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.68	1.2	23.88	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.68	1.2	23.88	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.79	1.2	22.99	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.77	1.2	22.97	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.80	1.2	23	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.76	1.2	22.96	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.84	1.2	24.04	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.90	1.2	24.1	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.83	1.2	24.03	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.84	1.2	23.04	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.78	1.2	22.98	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.86	1.2	23.06	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.91	1.2	23.11	PASS

Band4	5MHz	16QAM	19975	1RB#0	21.57	1.2	22.77	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.59	1.2	22.79	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.59	1.2	22.79	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.97	1.2	22.17	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.97	1.2	22.17	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.04	1.2	22.24	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.13	1.2	22.33	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.39	1.2	23.59	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.49	1.2	23.69	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.54	1.2	23.74	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.27	1.2	22.47	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.29	1.2	22.49	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.93	1.2	22.13	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.90	1.2	22.1	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.79	1.2	22.99	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.87	1.2	23.07	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.86	1.2	23.06	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.88	1.2	22.08	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.89	1.2	22.09	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.94	1.2	22.14	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.00	1.2	22.2	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.62	1.2	23.82	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.70	1.2	23.9	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.76	1.2	23.96	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.73	1.2	22.93	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.74	1.2	22.94	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.69	1.2	22.89	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.71	1.2	22.91	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.58	1.2	23.78	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.64	1.2	23.84	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.67	1.2	23.87	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.82	1.2	23.02	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.86	1.2	23.06	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.82	1.2	23.02	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.81	1.2	23.01	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.88	1.2	24.08	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.91	1.2	24.11	PASS

Band4	10MHz	QPSK	20350	1RB#49	22.91	1.2	24.11	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.81	1.2	23.01	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.96	1.2	23.16	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.82	1.2	23.02	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.91	1.2	23.11	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.13	1.2	23.33	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.19	1.2	23.39	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.20	1.2	23.4	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.10	1.2	22.3	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.10	1.2	22.3	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.80	1.2	22	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.87	1.2	22.07	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.15	1.2	23.35	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.19	1.2	23.39	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.19	1.2	23.39	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.32	1.2	22.52	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.32	1.2	22.52	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.04	1.2	22.24	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.88	1.2	22.08	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.15	1.2	23.35	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.24	1.2	23.44	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.21	1.2	23.41	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.84	1.2	22.04	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.84	1.2	22.04	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.91	1.2	22.11	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.89	1.2	22.09	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.61	1.2	23.81	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.76	1.2	23.96	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.87	1.2	24.07	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.83	1.2	23.03	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.74	1.2	22.94	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.74	1.2	22.94	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.74	1.2	22.94	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.65	1.2	23.85	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.60	1.2	23.8	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.70	1.2	23.9	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.88	1.2	23.08	PASS

Band4	15MHz	QPSK	20175	38RB#18	21.88	1.2	23.08	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.87	1.2	23.07	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.88	1.2	23.08	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.84	1.2	24.04	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.89	1.2	24.09	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.93	1.2	24.13	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.89	1.2	23.09	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.94	1.2	23.14	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.93	1.2	23.13	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.93	1.2	23.13	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.12	1.2	23.32	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.22	1.2	23.42	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.33	1.2	23.53	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.73	1.2	22.93	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.68	1.2	22.88	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.71	1.2	22.91	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.80	1.2	22	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.25	1.2	23.45	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.35	1.2	23.55	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.25	1.2	23.45	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.89	1.2	23.09	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.88	1.2	23.08	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.88	1.2	23.08	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.80	1.2	22	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.13	1.2	23.33	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.18	1.2	23.38	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.23	1.2	23.43	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.93	1.2	23.13	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.93	1.2	23.13	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.93	1.2	23.13	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.96	1.2	22.16	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.67	1.2	23.87	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.85	1.2	24.05	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.99	1.2	24.19	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.77	1.2	22.97	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.79	1.2	22.99	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.78	1.2	22.98	PASS

Band4	20MHz	QPSK	20050	100RB#0	21.68	1.2	22.88	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.86	1.2	24.06	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.93	1.2	24.13	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.88	1.2	24.08	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.81	1.2	23.01	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.82	1.2	23.02	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.90	1.2	23.1	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.89	1.2	23.09	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.94	1.2	24.14	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.99	1.2	24.19	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.08	1.2	24.28	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.73	1.2	22.93	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.68	1.2	22.88	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.81	1.2	23.01	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.70	1.2	22.9	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.85	1.2	23.05	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.03	1.2	23.23	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.10	1.2	23.3	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.90	1.2	22.1	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.92	1.2	22.12	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.97	1.2	22.17	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.16	1.2	22.36	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.64	1.2	23.84	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.71	1.2	23.91	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.63	1.2	23.83	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.86	1.2	22.06	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.88	1.2	22.08	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.23	1.2	22.43	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.95	1.2	22.15	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.67	1.2	22.87	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.66	1.2	22.86	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.70	1.2	22.9	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.83	1.2	22.03	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.81	1.2	22.01	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.95	1.2	22.15	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.88	1.2	22.08	PASS

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

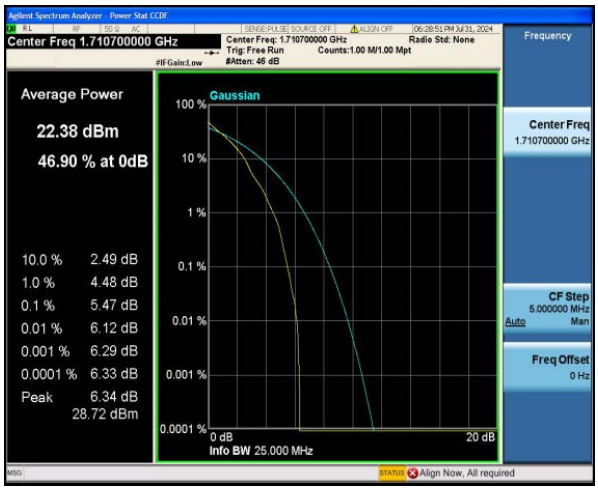
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	5.47	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.57	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	5.74	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.72	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	5.43	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.47	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	6.34	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.47	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	6.54	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.46	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	6.22	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.15	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	5.50	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.67	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.57	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.75	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	5.54	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.48	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	6.52	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.44	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	6.06	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.44	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	6.20	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.19	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.96	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.59	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.70	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.72	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	5.46	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.56	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	6.15	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.29	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	6.26	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.48	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.79	13	PASS

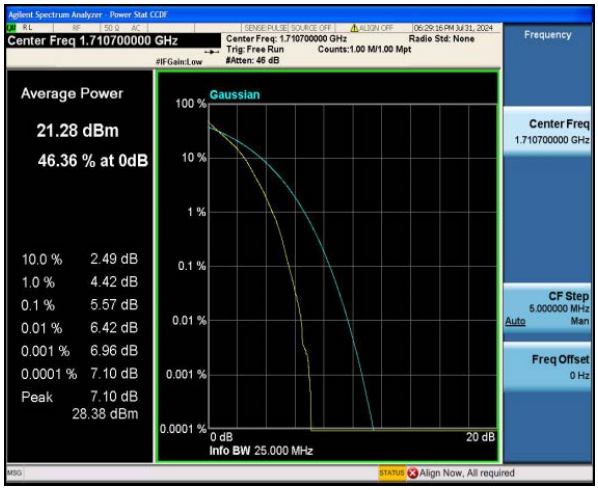
Band4	5MHz	16QAM	20375	25RB#0	6.20	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	5.60	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.66	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.51	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.73	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.53	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.58	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	6.33	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.34	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	6.02	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.52	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	6.21	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.33	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	5.66	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	6.01	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	5.51	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	6.12	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	5.62	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.94	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	6.31	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.38	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	6.36	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.43	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	6.27	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.36	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.41	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.68	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.92	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.88	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	5.86	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.71	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.82	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.40	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	6.68	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.46	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	6.22	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.39	13	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0



Band4-1.4MHz-QPSK-19957-6RB#0



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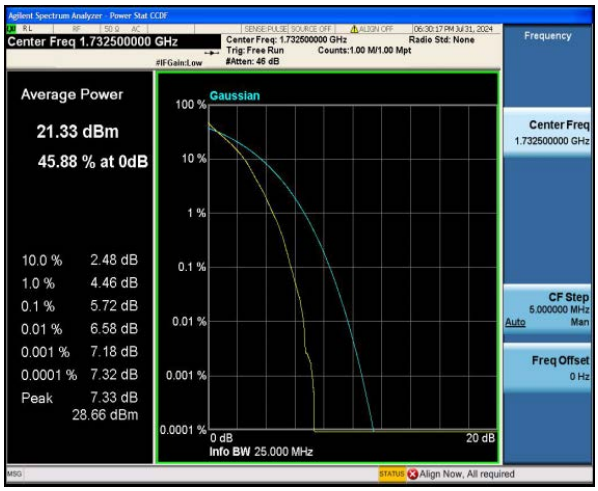

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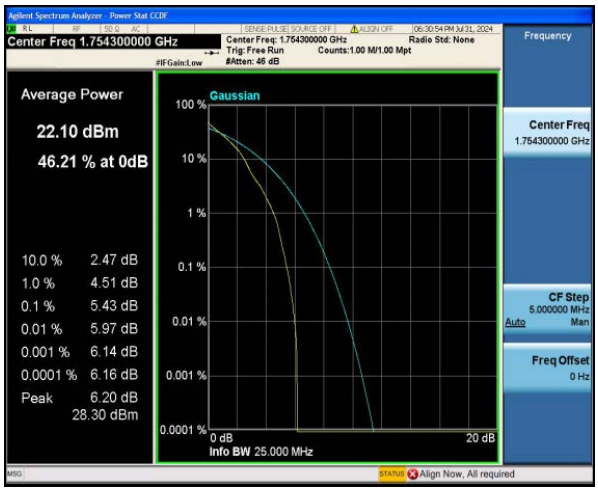

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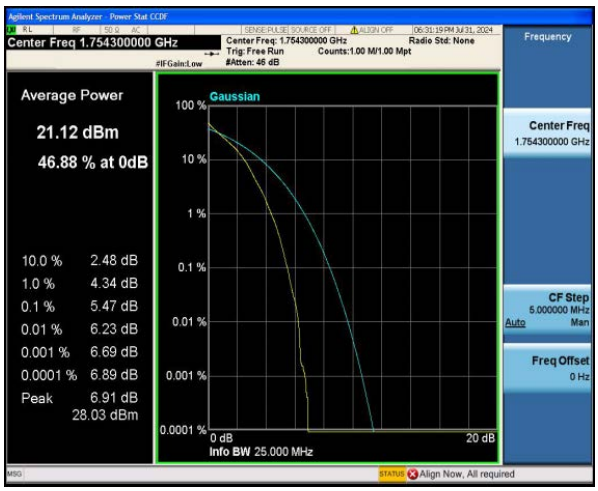

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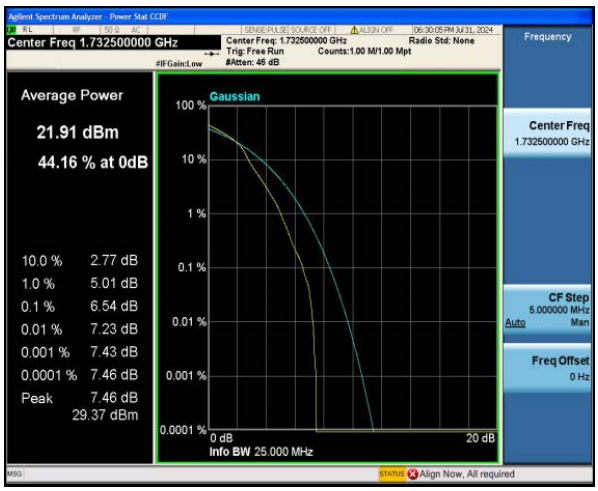

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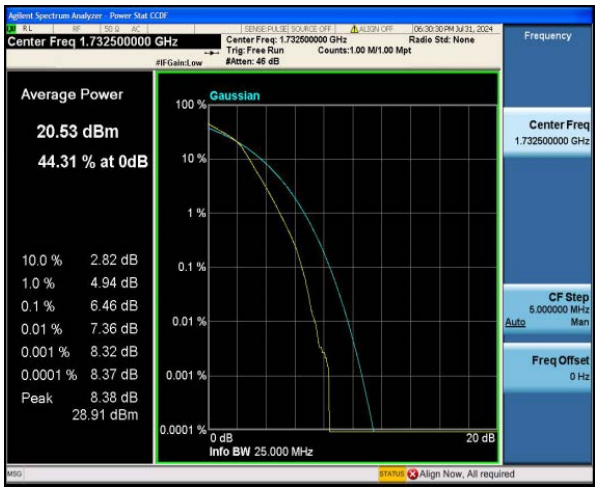

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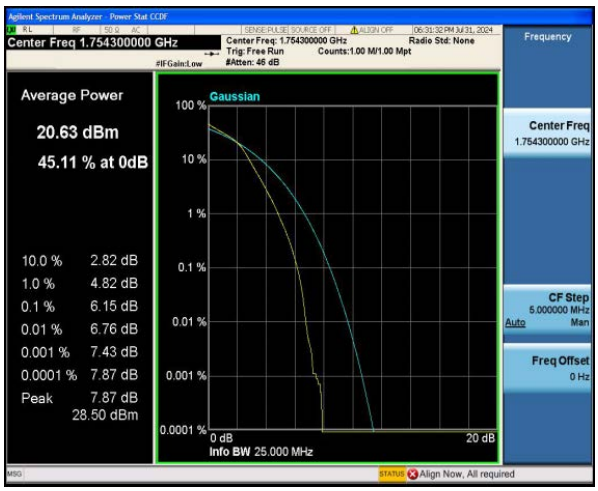

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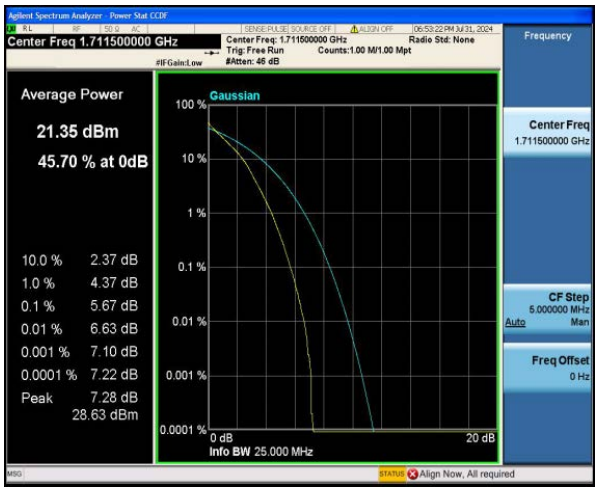
Band4-3MHz-QPSK-19965-15RB#0



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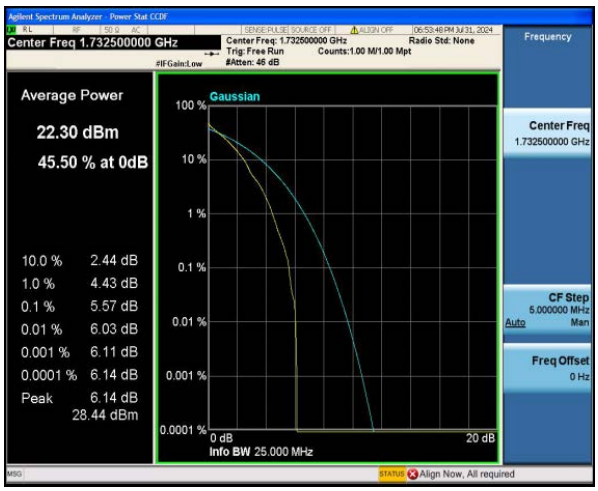
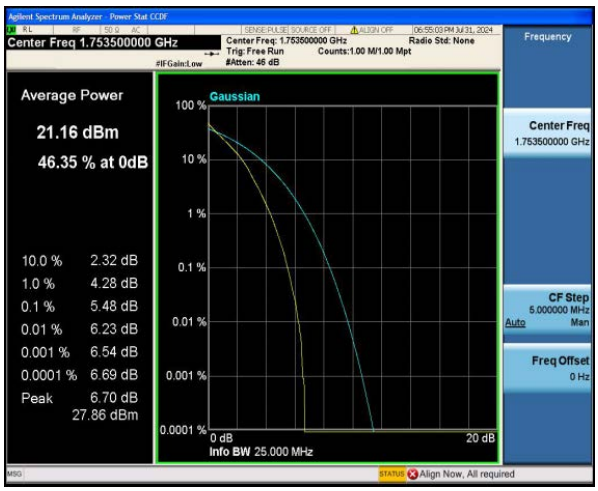


Band4-3MHz-QPSK-20175-15RB#0

Band4-3MHz-QPSK-20385-1RB#0

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



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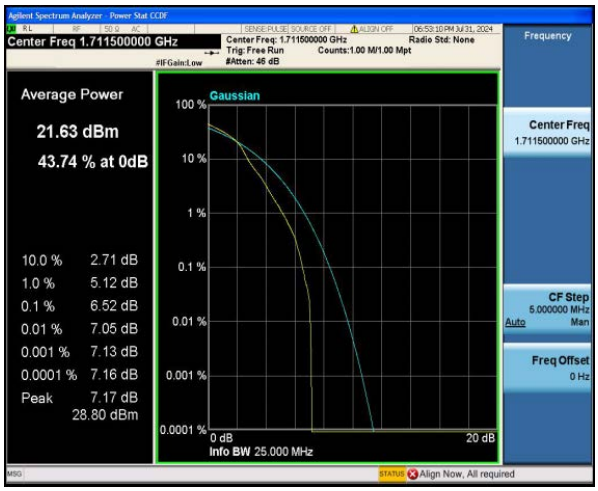

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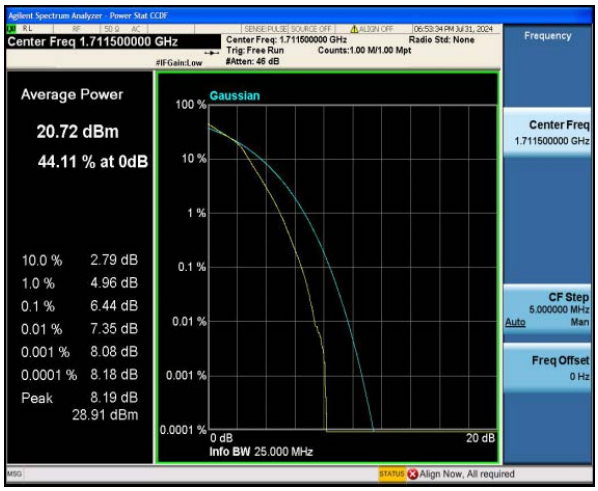

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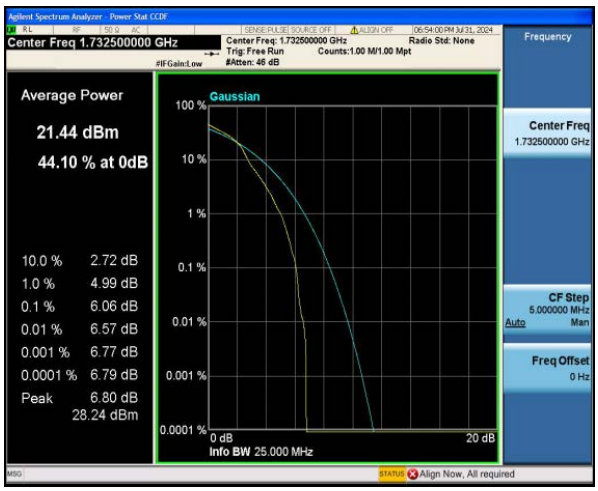

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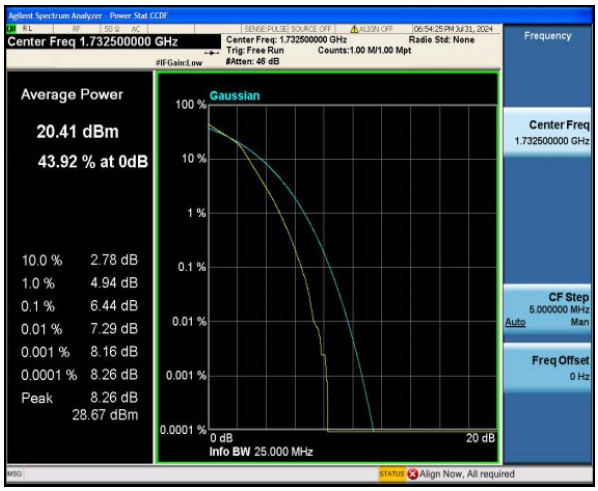

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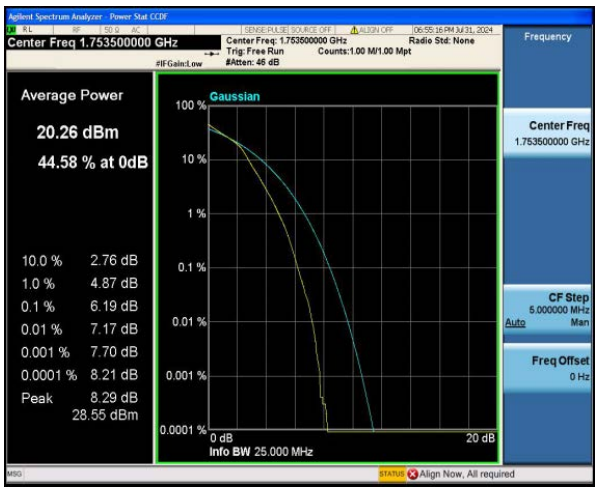

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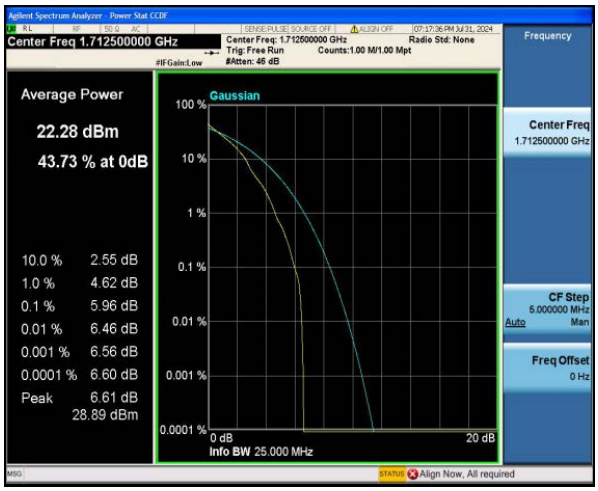
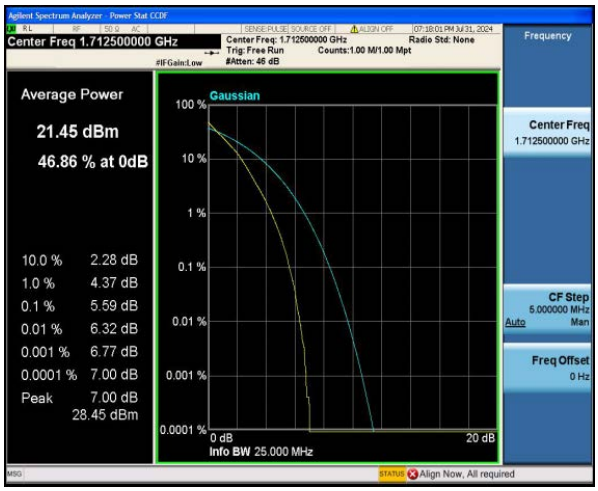


Band4-5MHz-QPSK-19975-25RB#0



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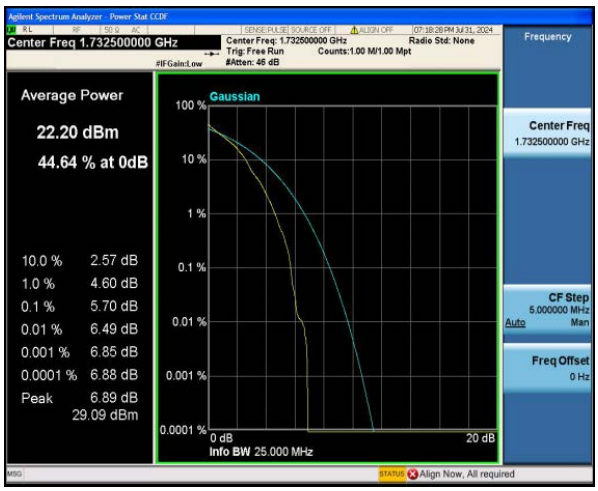

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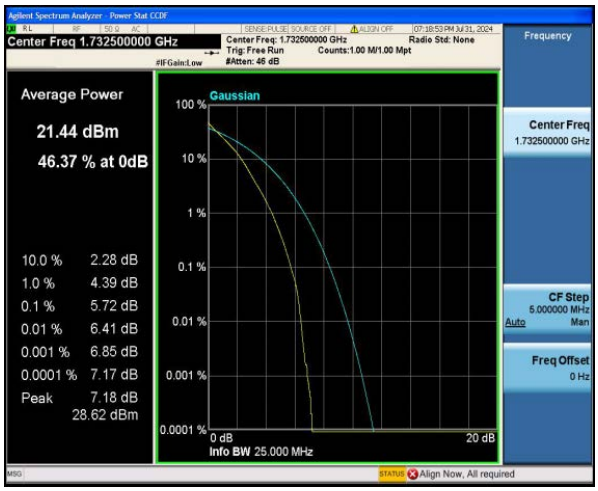
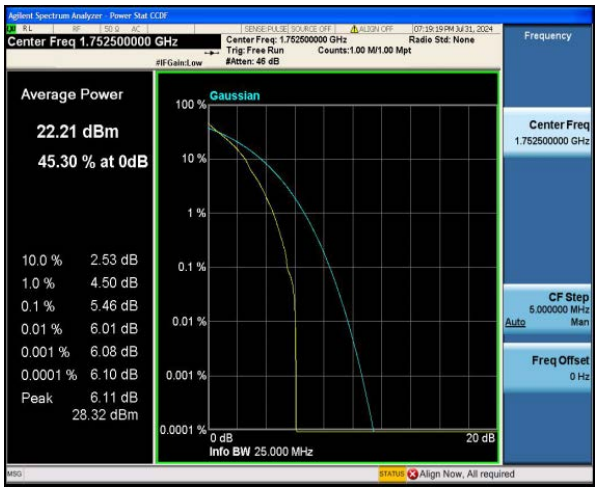


Band4-5MHz-QPSK-20375-1RB#0



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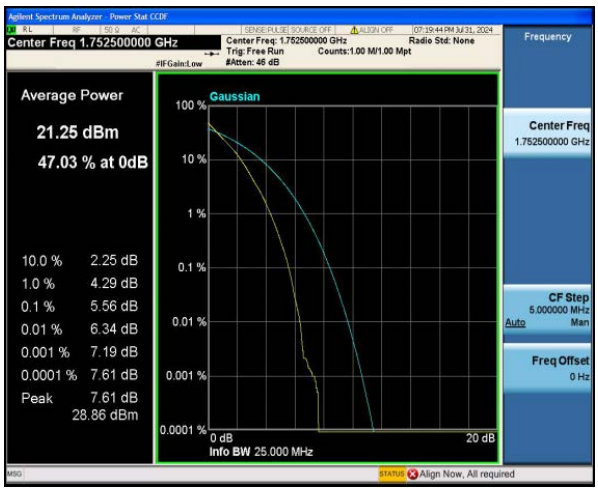

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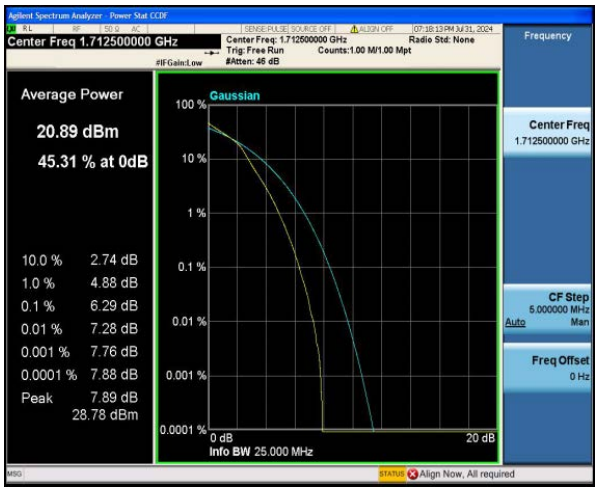

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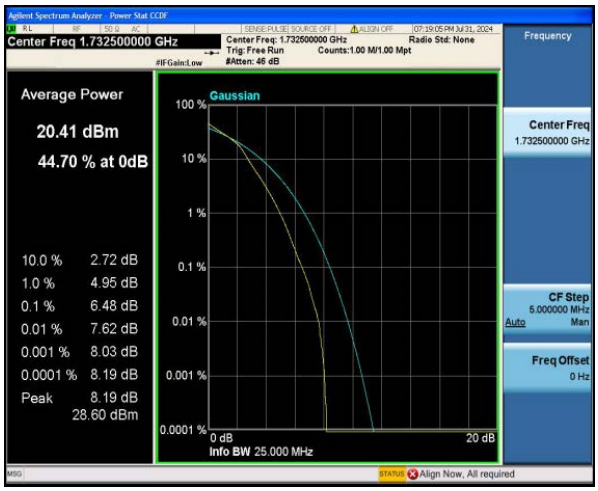

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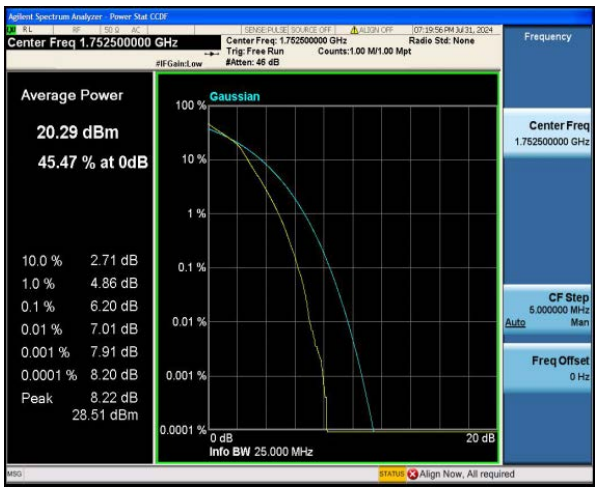
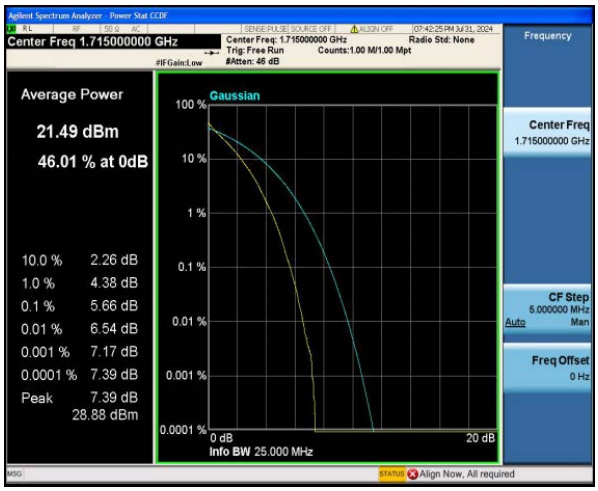
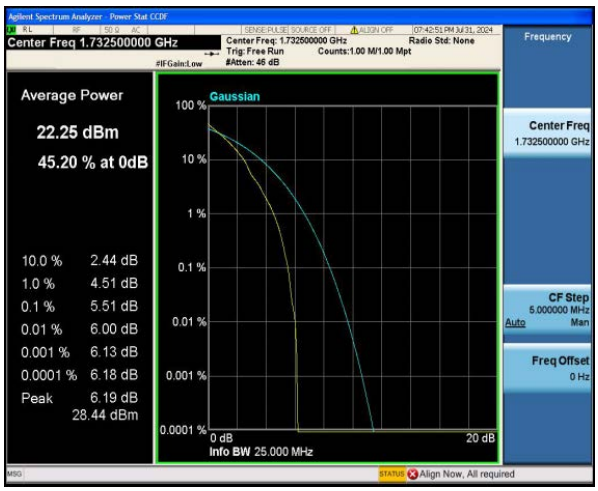


Band4-10MHz-QPSK-20000-1RB#0

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



Band4-10MHz-QPSK-20175-1RB#0



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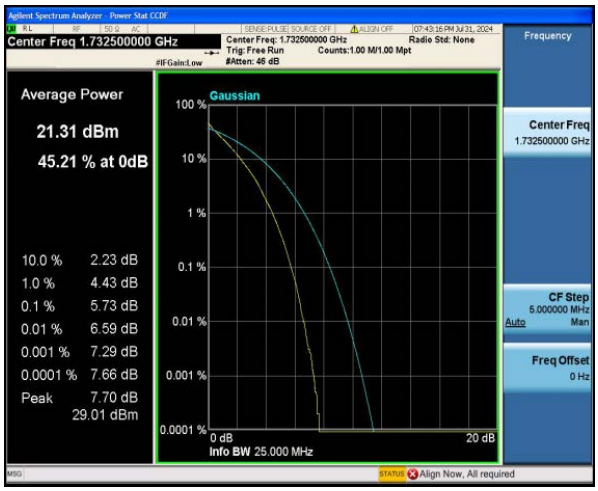

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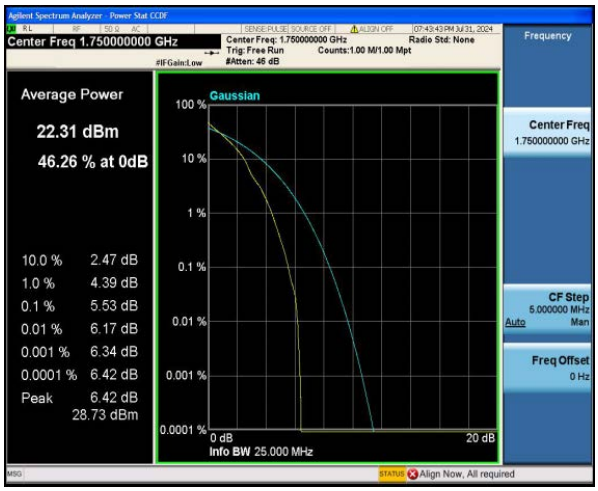

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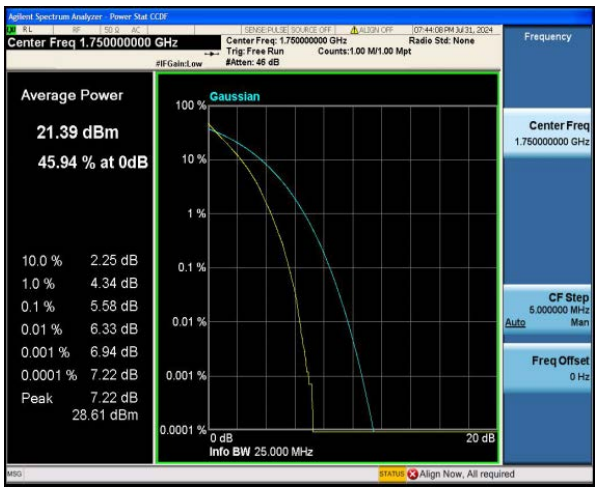

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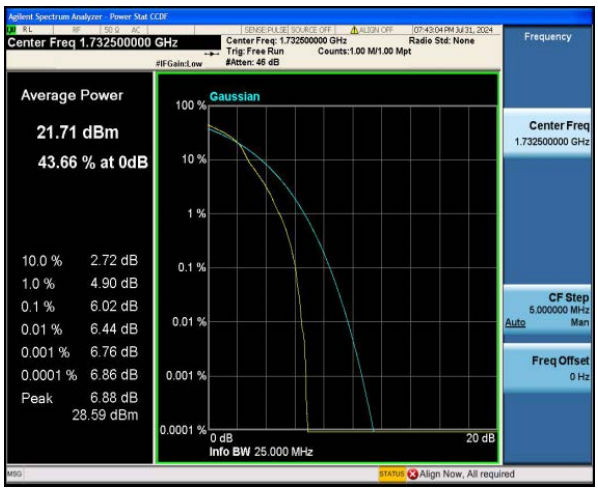
Band4-10MHz-16QAM-20000-50RB#0

Band4-10MHz-16QAM-20175-1RB#0



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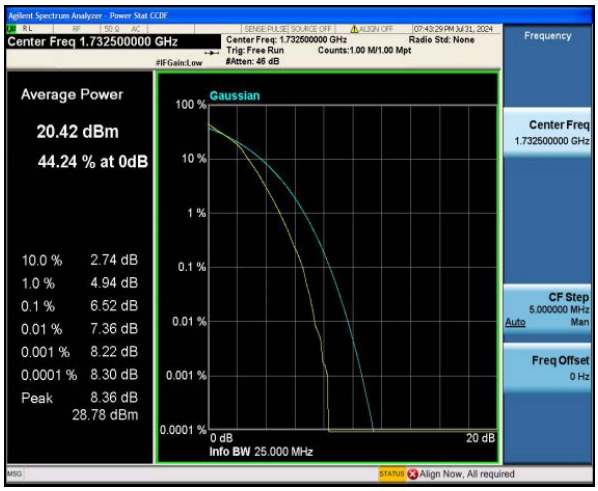
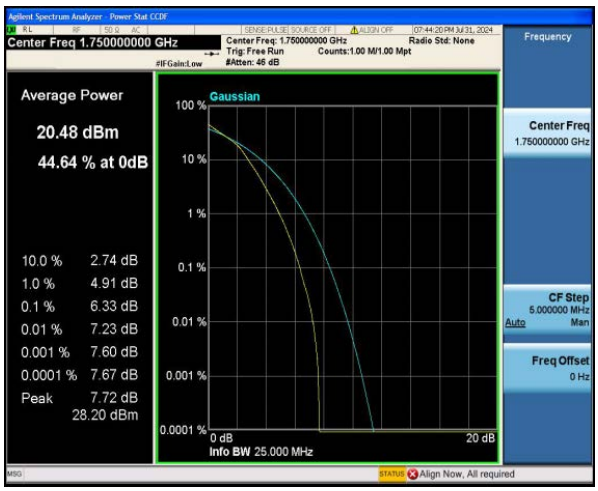
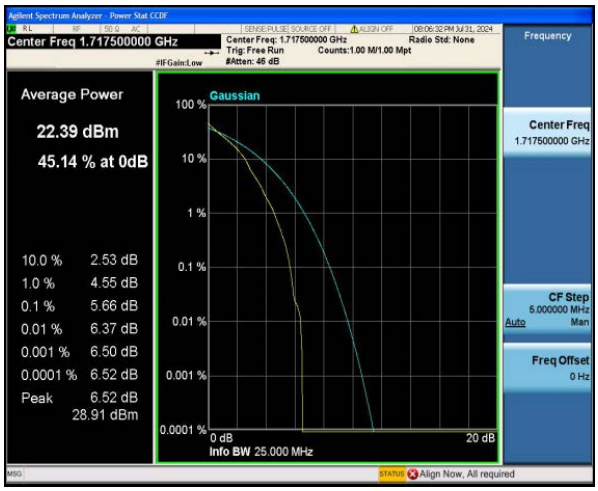


Band4-10MHz-16QAM-20350-1RB#0

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

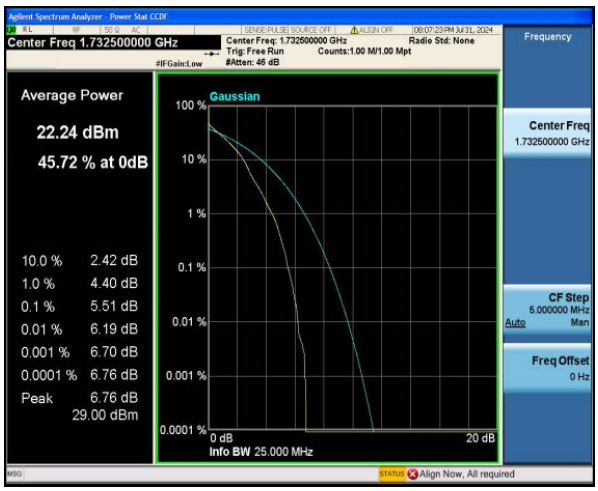


Band4-15MHz-QPSK-20025-1RB#0



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

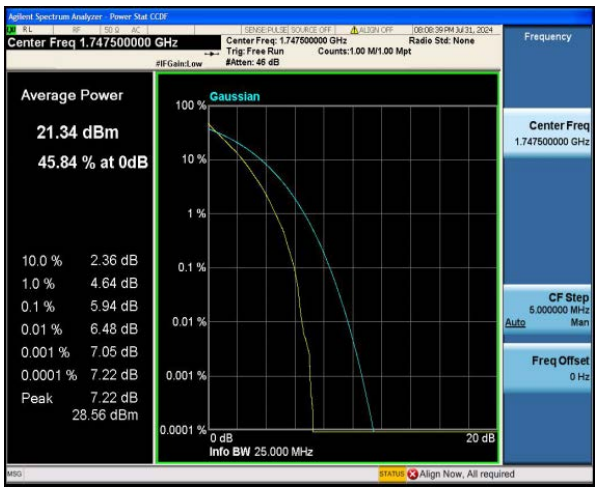
Band4-15MHz-QPSK-20175-1RB#0



Band4-15MHz-QPSK-20175-75RB#0

Band4-15MHz-QPSK-20325-1RB#0

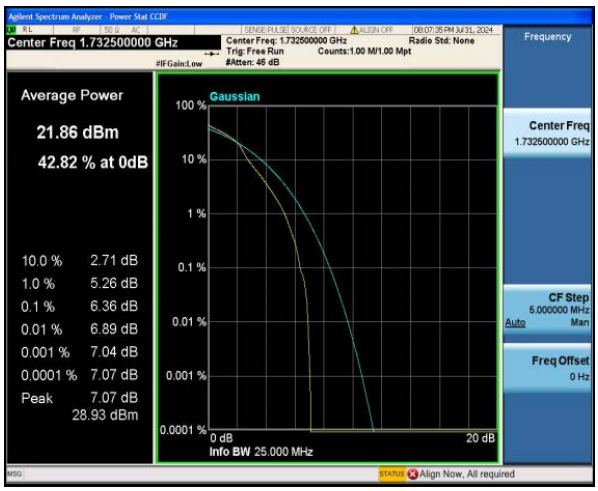
Band4-15MHz-QPSK-20325-75RB#0



Band4-15MHz-16QAM-20025-1RB#0

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

Band4-15MHz-16QAM-20175-1RB#0



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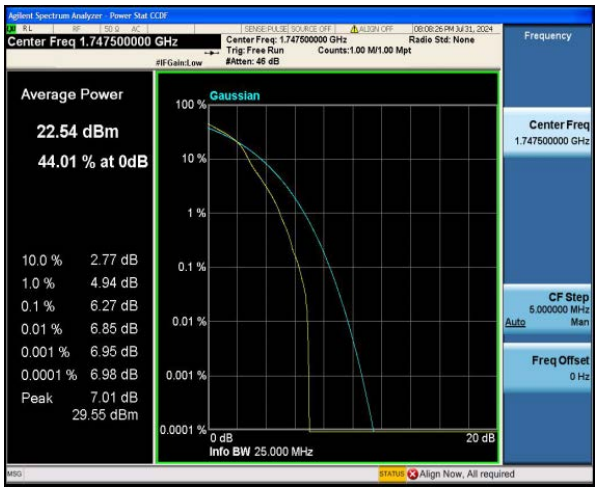
Band4-15MHz-16QAM-20325-1RB#0



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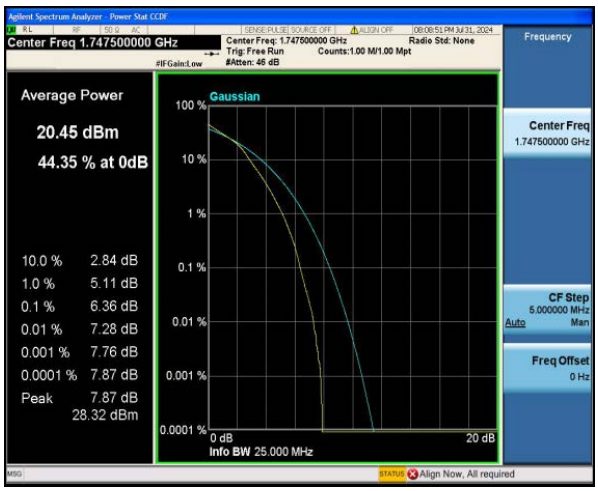
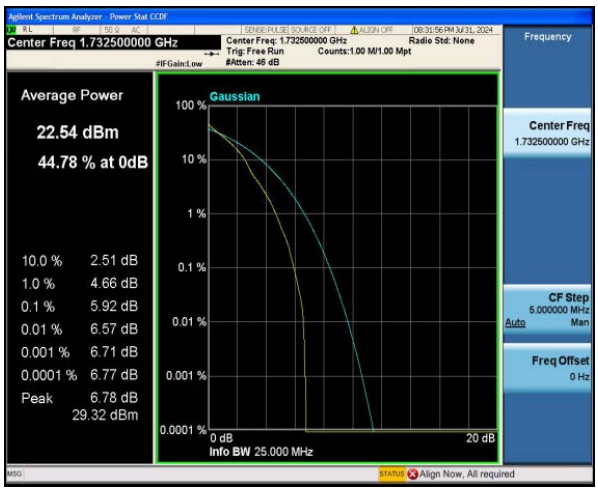


Band4-20MHz-QPSK-20050-1RB#0

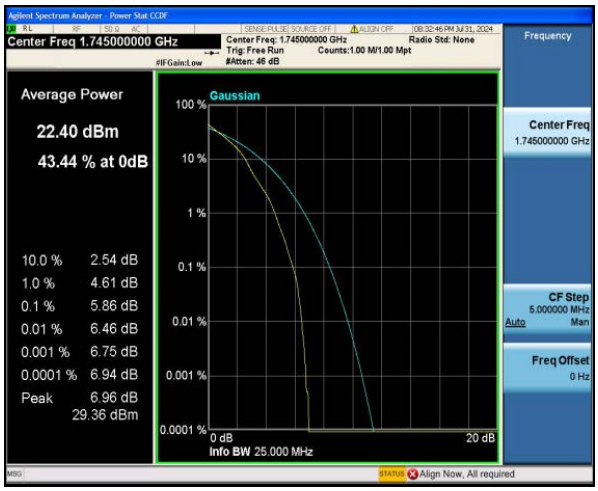
Band4-20MHz-QPSK-20050-100RB#0

Band4-20MHz-QPSK-20175-1RB#0

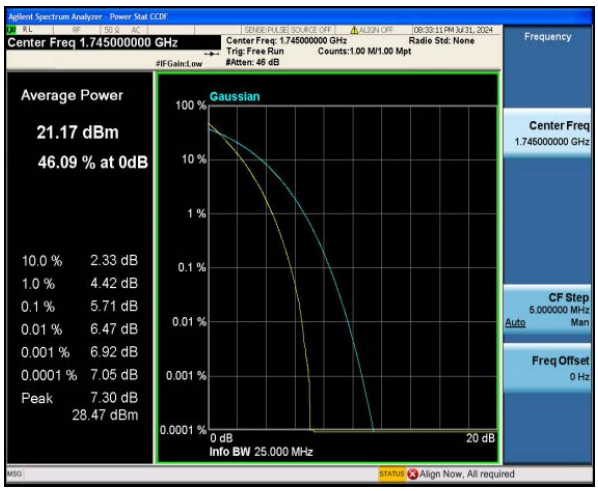


Band4-20MHz-QPSK-20175-100RB#0

Band4-20MHz-QPSK-20300-1RB#0



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



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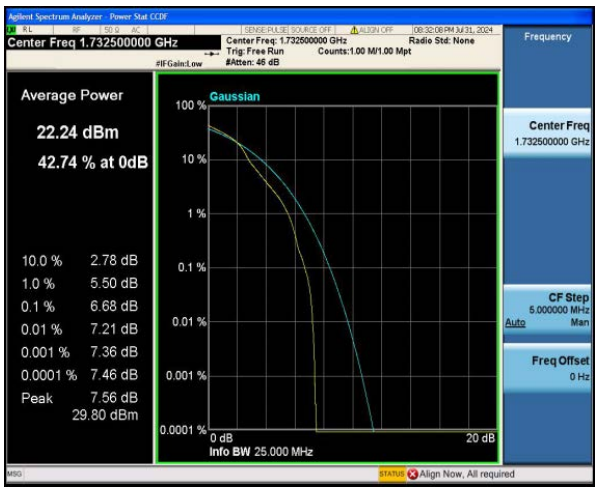
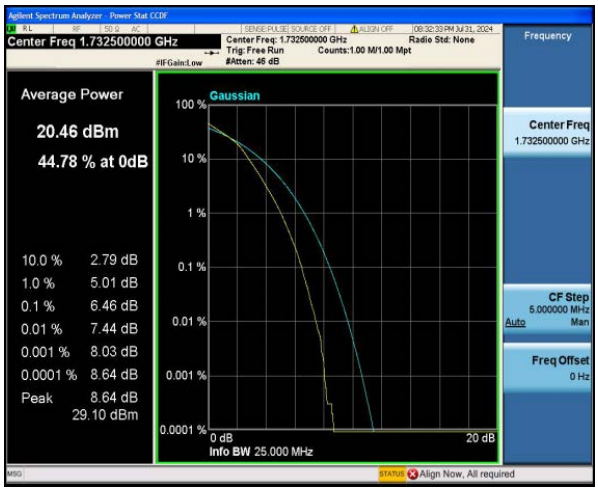
Band4-20MHz-16QAM-20050-100RB#0

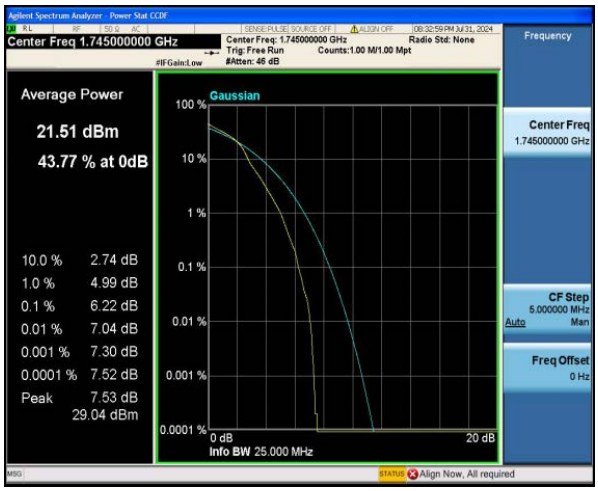
Band4-20MHz-16QAM-20175-1RB#0



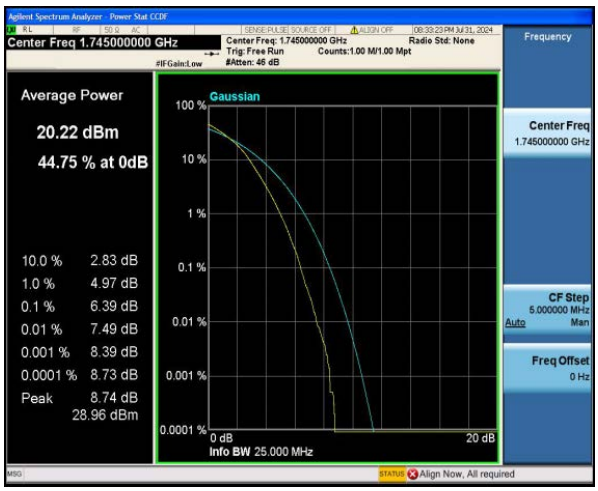
Band4-20MHz-16QAM-20175-100RB#0



Band4-20MHz-16QAM-20300-1RB#0



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



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0906	1.232	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0905	1.231	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0899	1.226	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0901	1.226	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0902	1.233	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0920	1.241	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6929	2.973	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6995	2.971	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6998	2.963	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6896	2.965	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6926	2.973	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6969	2.947	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4939	4.880	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4941	4.862	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4995	4.862	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4919	4.868	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4978	4.917	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4986	4.863	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9827	9.535	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9934	9.612	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9801	9.588	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9660	9.545	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9819	9.625	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9827	9.573	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.460	14.33	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.469	14.36	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.460	14.29	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.442	14.30	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.456	14.37	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.473	14.29	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.949	19.01	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.995	19.05	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.973	19.01	PASS

Band4	20MHz	16QAM	20050	100RB#0	17.960	19.02	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.003	19.06	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.985	19.04	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0

Band4-1.4MHz-QPSK-20175-6RB#0

Band4-1.4MHz-QPSK-20393-6RB#0

Band4-1.4MHz-16QAM-19957-6RB#0

Band4-1.4MHz-16QAM-20175-6RB#0

Band4-1.4MHz-16QAM-20393-6RB#0

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

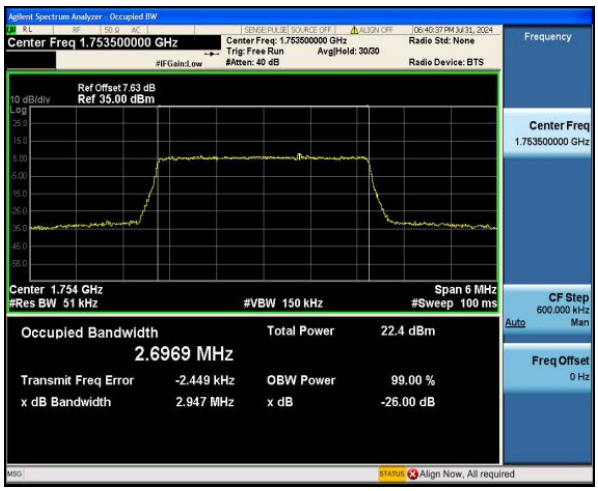
Band4-3MHz-QPSK-20175-15RB#0

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

Band4-3MHz-16QAM-19965-15RB#0

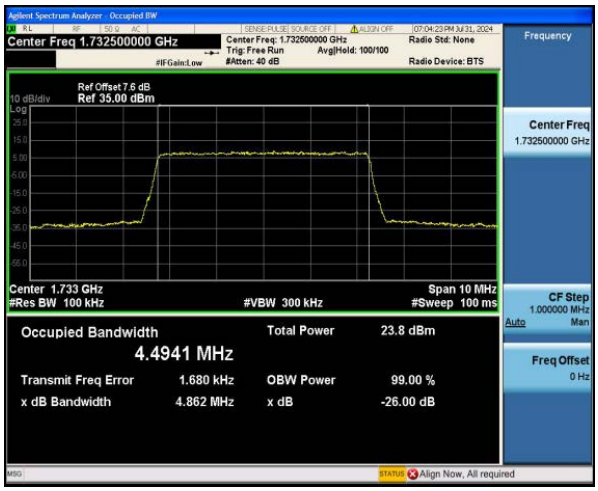
Band4-3MHz-16QAM-20175-15RB#0

Band4-3MHz-16QAM-20385-15RB#0



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

Band4-5MHz-QPSK-20175-25RB#0



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

Band4-5MHz-16QAM-19975-25RB#0

Band4-5MHz-16QAM-20175-25RB#0

Band4-5MHz-16QAM-20375-25RB#0

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

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

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

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

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

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

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

Band4-15MHz-QPSK-20175-75RB#0

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

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

Band4-15MHz-16QAM-20175-75RB#0

Band4-15MHz-16QAM-20325-75RB#0

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

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

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

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

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

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

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-24.12	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-41.02	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-29.88	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-41.53	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-22.69	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-28.50	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-25.66	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-42.86	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.63	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-41.83	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-25.52	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-28.16	PASS
Band4	3MHz	QPSK	19965	1RB#0	-19.76	PASS
Band4	3MHz	QPSK	19965	1RB#14	-33.88	PASS
Band4	3MHz	QPSK	19965	15RB#0	-28.24	PASS
Band4	3MHz	QPSK	20385	1RB#0	-33.11	PASS
Band4	3MHz	QPSK	20385	1RB#14	-19.57	PASS
Band4	3MHz	QPSK	20385	15RB#0	-28.80	PASS
Band4	3MHz	16QAM	19965	1RB#0	-19.44	PASS
Band4	3MHz	16QAM	19965	1RB#14	-33.64	PASS
Band4	3MHz	16QAM	19965	15RB#0	-29.46	PASS
Band4	3MHz	16QAM	20385	1RB#0	-32.79	PASS
Band4	3MHz	16QAM	20385	1RB#14	-20.11	PASS
Band4	3MHz	16QAM	20385	15RB#0	-29.37	PASS
Band4	5MHz	QPSK	19975	1RB#0	-13.53	PASS
Band4	5MHz	QPSK	19975	1RB#24	-31.88	PASS
Band4	5MHz	QPSK	19975	25RB#0	-23.19	PASS
Band4	5MHz	QPSK	20375	1RB#0	-31.49	PASS
Band4	5MHz	QPSK	20375	1RB#24	-13.89	PASS
Band4	5MHz	QPSK	20375	25RB#0	-24.55	PASS
Band4	5MHz	16QAM	19975	1RB#0	-13.62	PASS
Band4	5MHz	16QAM	19975	1RB#24	-32.34	PASS
Band4	5MHz	16QAM	19975	25RB#0	-24.63	PASS
Band4	5MHz	16QAM	20375	1RB#0	-31.73	PASS
Band4	5MHz	16QAM	20375	1RB#24	-13.75	PASS
Band4	5MHz	16QAM	20375	25RB#0	-23.85	PASS

Band4	10MHz	QPSK	20000	1RB#0	-15.90	PASS
Band4	10MHz	QPSK	20000	1RB#49	-34.93	PASS
Band4	10MHz	QPSK	20000	50RB#0	-27.23	PASS
Band4	10MHz	QPSK	20350	1RB#0	-33.71	PASS
Band4	10MHz	QPSK	20350	1RB#49	-15.25	PASS
Band4	10MHz	QPSK	20350	50RB#0	-25.25	PASS
Band4	10MHz	16QAM	20000	1RB#0	-14.73	PASS
Band4	10MHz	16QAM	20000	1RB#49	-33.84	PASS
Band4	10MHz	16QAM	20000	50RB#0	-27.43	PASS
Band4	10MHz	16QAM	20350	1RB#0	-33.50	PASS
Band4	10MHz	16QAM	20350	1RB#49	-15.84	PASS
Band4	10MHz	16QAM	20350	50RB#0	-25.71	PASS
Band4	15MHz	QPSK	20025	1RB#0	-14.52	PASS
Band4	15MHz	QPSK	20025	1RB#74	-37.36	PASS
Band4	15MHz	QPSK	20025	75RB#0	-26.78	PASS
Band4	15MHz	QPSK	20325	1RB#0	-35.92	PASS
Band4	15MHz	QPSK	20325	1RB#74	-15.42	PASS
Band4	15MHz	QPSK	20325	75RB#0	-25.37	PASS
Band4	15MHz	16QAM	20025	1RB#0	-14.52	PASS
Band4	15MHz	16QAM	20025	1RB#74	-28.09	PASS
Band4	15MHz	16QAM	20025	75RB#0	-27.71	PASS
Band4	15MHz	16QAM	20325	1RB#0	-35.11	PASS
Band4	15MHz	16QAM	20325	1RB#74	-15.96	PASS
Band4	15MHz	16QAM	20325	75RB#0	-24.25	PASS
Band4	20MHz	QPSK	20050	1RB#0	-17.15	PASS
Band4	20MHz	QPSK	20050	1RB#99	-36.45	PASS
Band4	20MHz	QPSK	20050	100RB#0	-29.58	PASS
Band4	20MHz	QPSK	20300	1RB#0	-24.55	PASS
Band4	20MHz	QPSK	20300	1RB#99	-17.59	PASS
Band4	20MHz	QPSK	20300	100RB#0	-27.39	PASS
Band4	20MHz	16QAM	20050	1RB#0	-17.06	PASS
Band4	20MHz	16QAM	20050	1RB#99	-36.04	PASS
Band4	20MHz	16QAM	20050	100RB#0	-28.45	PASS
Band4	20MHz	16QAM	20300	1RB#0	-24.20	PASS
Band4	20MHz	16QAM	20300	1RB#99	-17.58	PASS
Band4	20MHz	16QAM	20300	100RB#0	-26.66	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0

Band4-1.4MHz-QPSK-19957-1RB#5

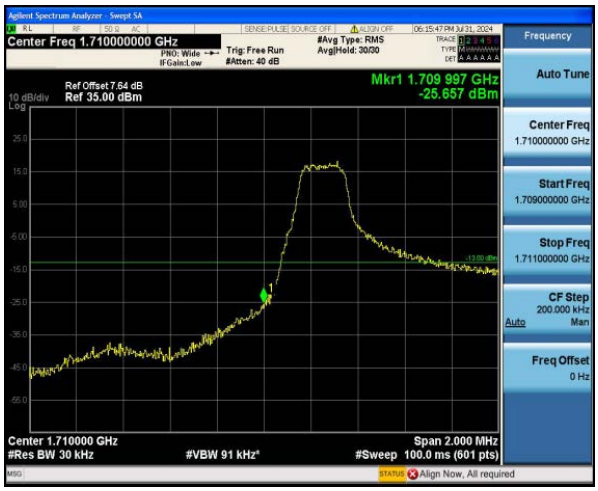
Band4-1.4MHz-QPSK-19957-6RB#0

Band4-1.4MHz-QPSK-20393-1RB#0

Band4-1.4MHz-QPSK-20393-1RB#5

Band4-1.4MHz-QPSK-20393-6RB#0

Band4-1.4MHz-16QAM-19957-1RB#0



Band4-1.4MHz-16QAM-19957-1RB#5

Band4-1.4MHz-16QAM-19957-6RB#0

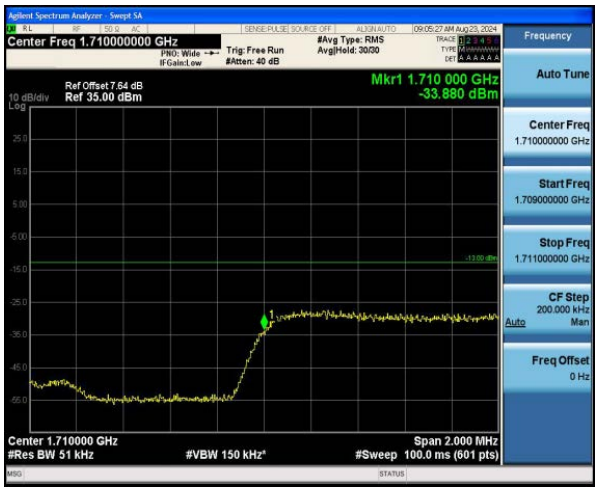
Band4-1.4MHz-16QAM-20393-1RB#0

Band4-1.4MHz-16QAM-20393-1RB#5

Band4-1.4MHz-16QAM-20393-6RB#0

Band4-3MHz-QPSK-19965-1RB#0

Band4-3MHz-QPSK-19965-1RB#14



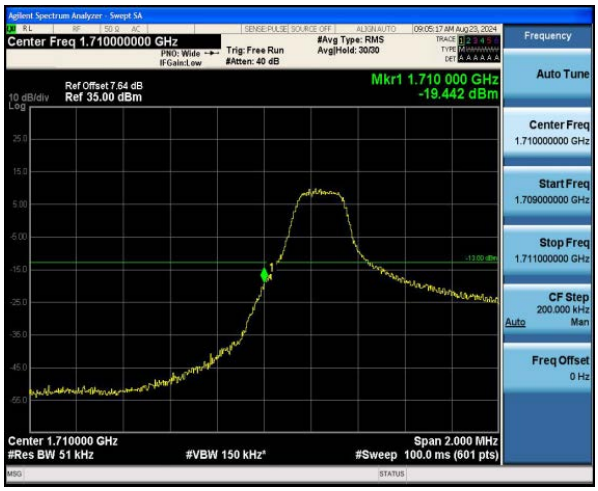
Band4-3MHz-QPSK-19965-15RB#0

Band4-3MHz-QPSK-20385-1RB#0

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

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

Band4-3MHz-16QAM-19965-1RB#0



Band4-3MHz-16QAM-19965-1RB#14

Band4-3MHz-16QAM-19965-15RB#0

Band4-3MHz-16QAM-20385-1RB#0

Band4-3MHz-16QAM-20385-1RB#14

Band4-3MHz-16QAM-20385-15RB#0

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