Appendix B: Test Data for E-UTRA Band 4

Product Name: Pet GPS Tracker & Health Monitor

Test Model: C09

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
Supervised by:	Nick Peng

B.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	20.29	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.17	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	20.39	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.14	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	20.28	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	19.72	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	20.41	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	19.19	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	20.40	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	19.27	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	20.40	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	19.19	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	19.52	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	18.75	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	20.92	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	19.45	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	20.88	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	19.45	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	20.93	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.02	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	20.90	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.21	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	20.89	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.21	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	20.93	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.22	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.06	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.36	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.32	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.69	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.44	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.73	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.49	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.74	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.54	PASS

Band4	1.4MHz	16QAM	20393	3RB#0	20.32	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.46	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.47	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.65	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.50	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.70	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.67	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.60	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.84	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.62	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.78	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.55	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.81	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.88	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.20	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.91	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.19	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.87	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.21	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.83	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.06	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.46	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.10	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.51	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.12	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.62	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.63	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.75	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.07	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.75	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.13	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.67	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.09	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.73	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.76	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.43	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.76	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.46	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.78	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.40	PASS

Band4	3MHz	16QAM	20385	1RB#14	21.96	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.69	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.94	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.72	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.95	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.64	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.98	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.70	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.86	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.73	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.44	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.67	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.36	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.75	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.36	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.97	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.09	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.88	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.10	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.92	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.04	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.85	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.13	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.45	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.98	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.32	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.87	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.37	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.94	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.75	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.02	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.75	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.03	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.70	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.99	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.70	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.91	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.55	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.27	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.53	PASS

Band4	5MHz	16QAM	20375	1RB#12	21.31	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.56	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.27	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.74	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.79	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.76	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.81	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.83	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.76	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.72	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.88	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.55	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.80	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.51	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.83	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.47	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.71	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.76	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.98	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.84	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.02	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.79	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.94	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.91	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.99	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.54	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.67	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.48	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.63	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.49	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.99	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.78	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.99	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.77	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.97	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.63	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.99	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.72	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.91	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.30	PASS

Band4	10MHz	16QAM	20350	1RB#0	22.19	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.32	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.09	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.38	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.85	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.71	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.94	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.64	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.93	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.67	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.87	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.67	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.96	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.63	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.87	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.55	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.86	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.46	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.68	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.89	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.89	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.89	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.89	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.88	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.88	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.87	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.96	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.18	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.63	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.07	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.57	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.63	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.76	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.69	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.70	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.72	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.71	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.71	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.71	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.71	PASS

Band4	15MHz	16QAM	20175	75RB#0	20.89	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.35	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.92	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.34	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.93	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.39	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.95	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.74	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.74	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.75	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.75	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.75	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.76	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.76	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.90	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.59	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.67	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.47	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.44	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.67	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.60	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.77	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.10	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.90	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.11	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.70	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.97	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.84	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.95	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.62	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.42	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.48	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.16	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.42	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.12	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.76	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.96	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.73	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.95	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.66	PASS

Band4	20MHz	16QAM	20175	50RB#50	20.92	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.74	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.94	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.53	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.26	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.50	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.19	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.58	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.23	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.69	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.84	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.67	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.84	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.62	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.86	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.67	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.80	PASS

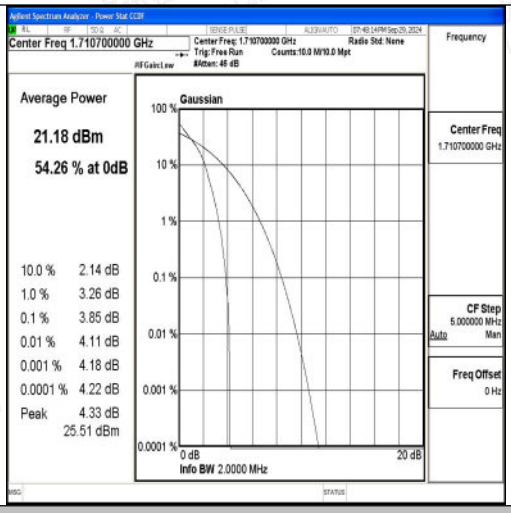
B.2 Peak-to-Average Ratio(CCDF)

Test Result

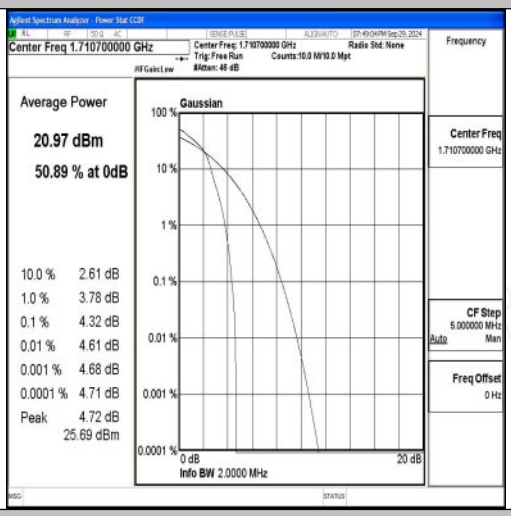
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	3.85	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.32	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.52	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.20	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.16	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.83	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.86	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.58	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.50	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.10	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.39	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.09	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.48	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.27	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.25	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	4.96	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.75	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.62	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.56	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.32	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.52	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.40	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.38	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.06	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.57	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.32	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.84	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.42	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.90	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.70	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.99	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.61	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.51	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.34	13	PASS

Band4	5MHz	QPSK	20375	25RB#0	4.83	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.43	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.48	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.24	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.94	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.55	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.91	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.64	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.99	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.66	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.12	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.20	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.78	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.45	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.48	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.19	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.24	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.72	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.94	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.73	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.24	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.75	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.47	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.14	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.06	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.53	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.23	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.09	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.00	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.67	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.81	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.71	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.96	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.65	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.41	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	4.00	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.81	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.41	13	PASS

Test Graphs



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



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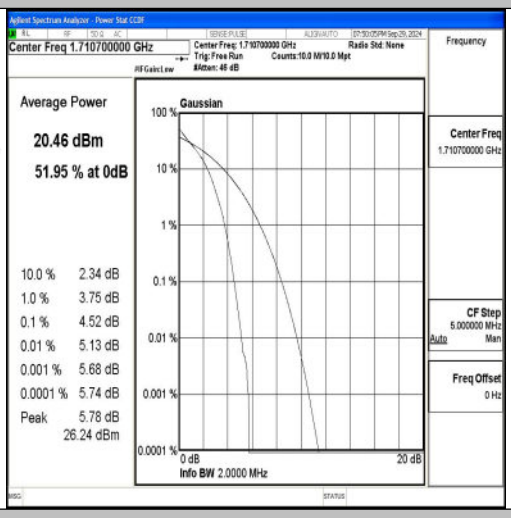

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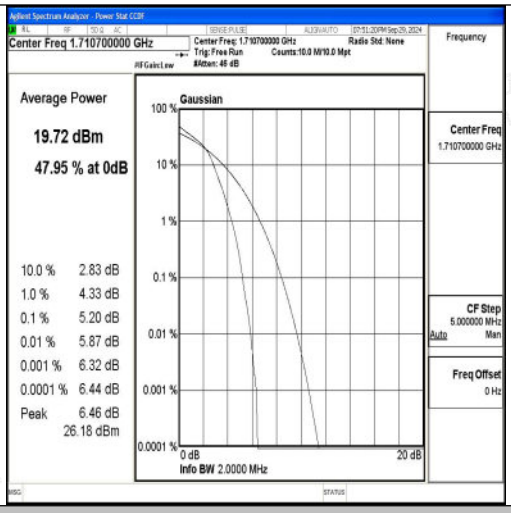

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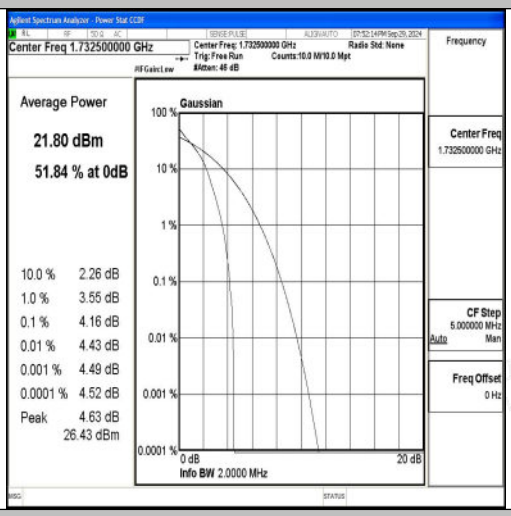

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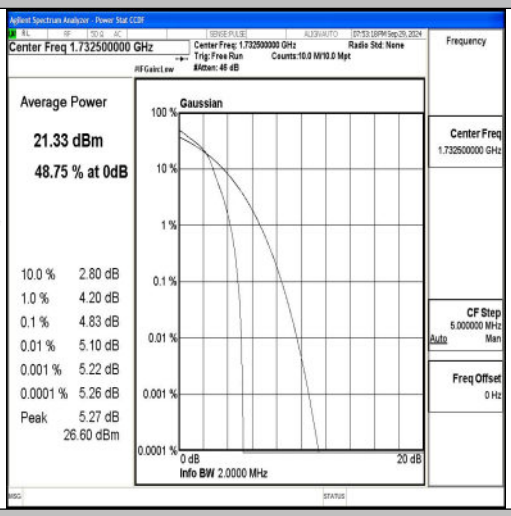

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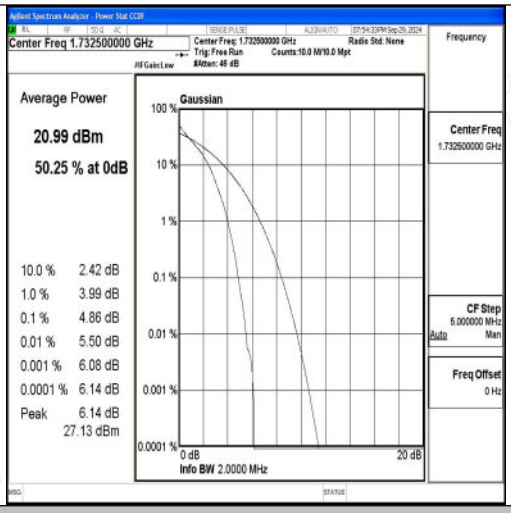

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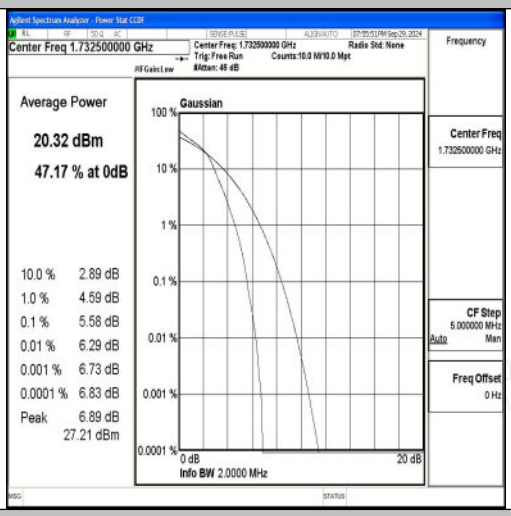

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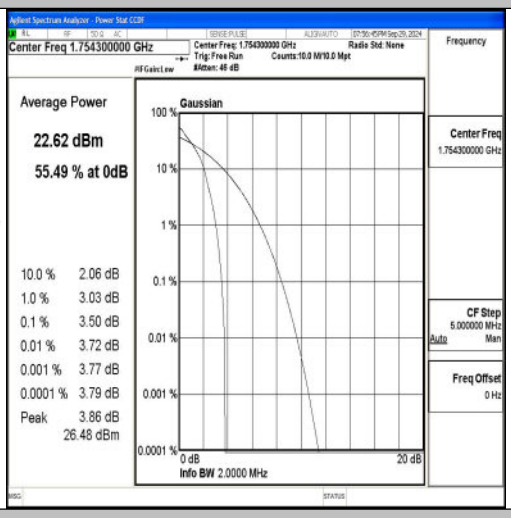

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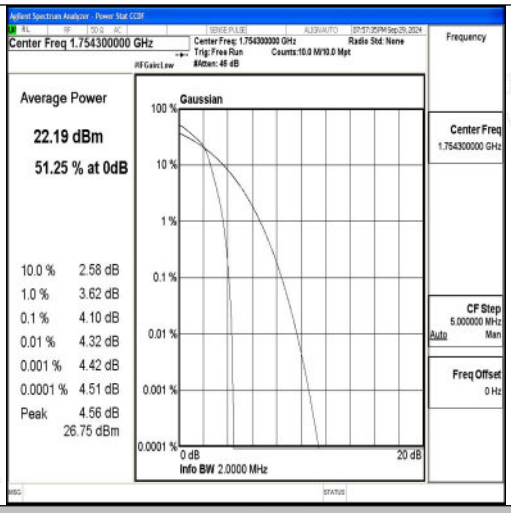

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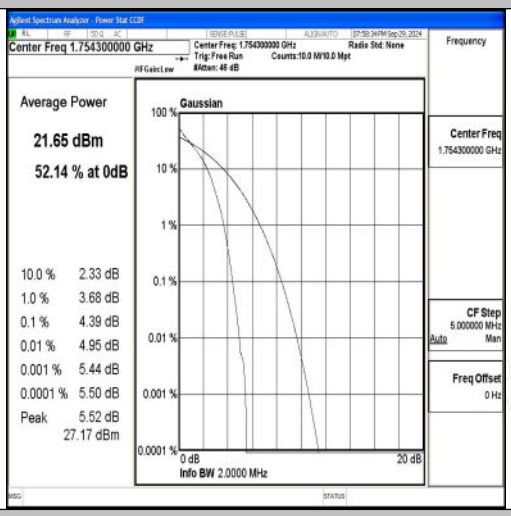

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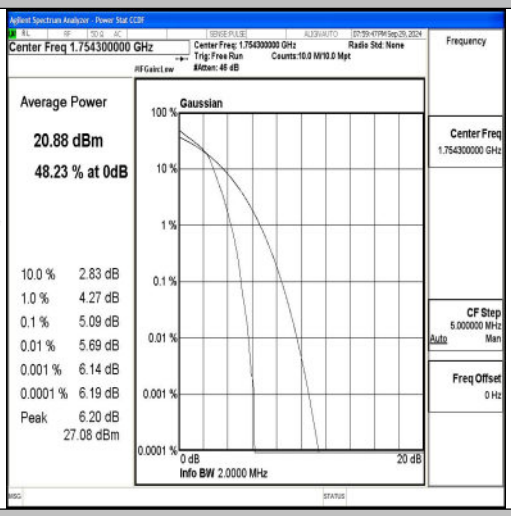

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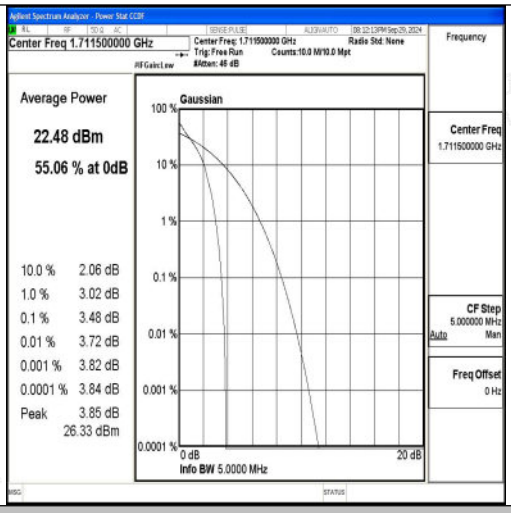

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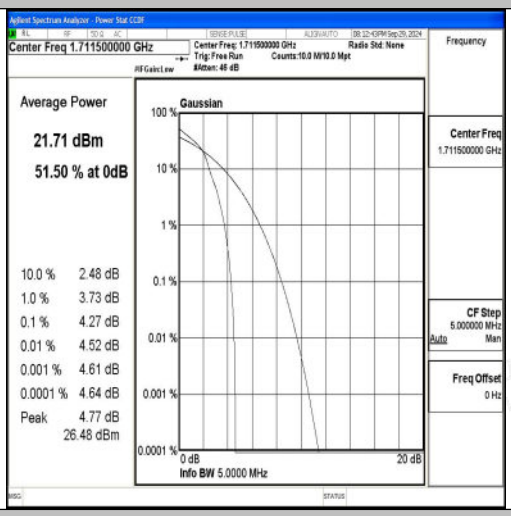

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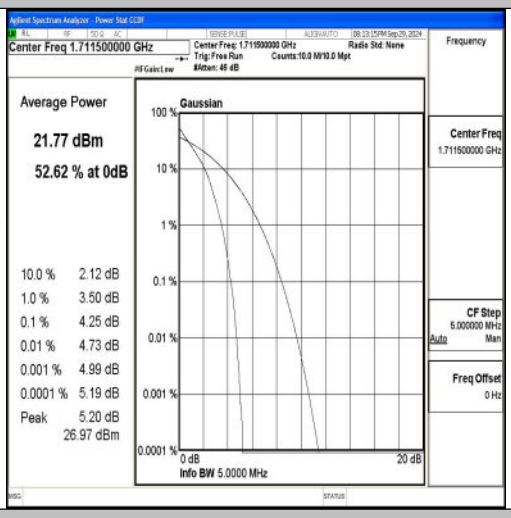

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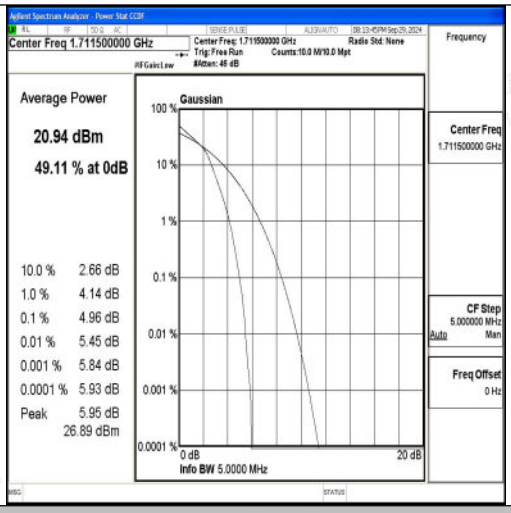

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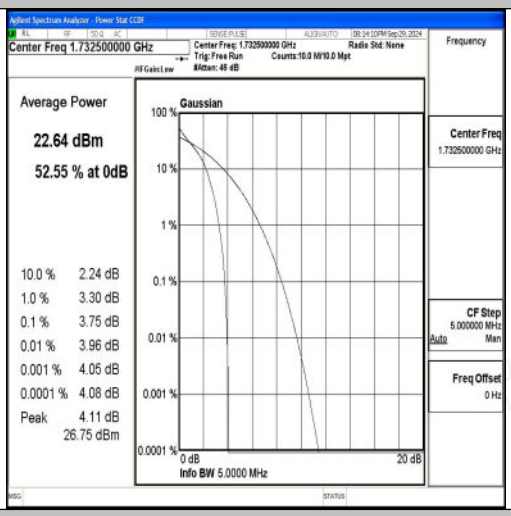

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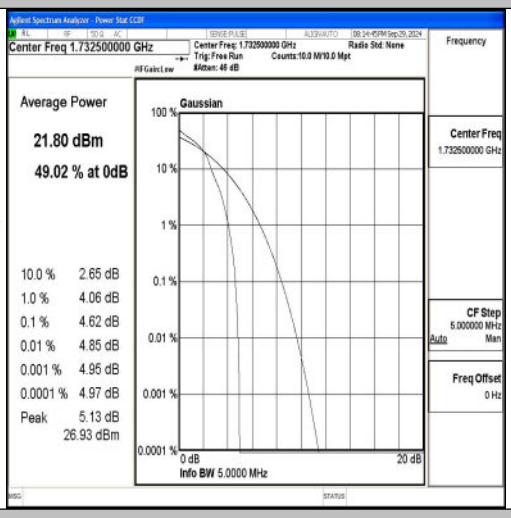

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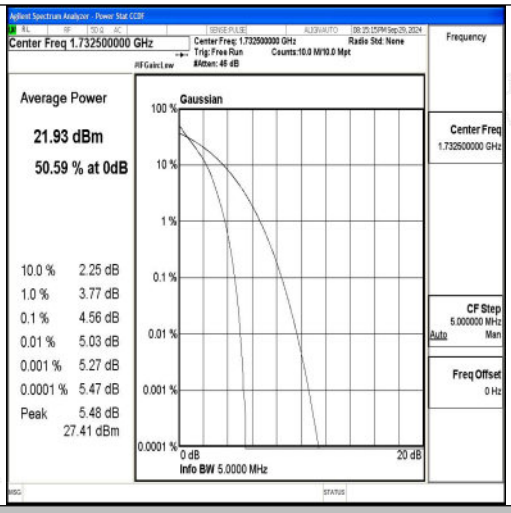

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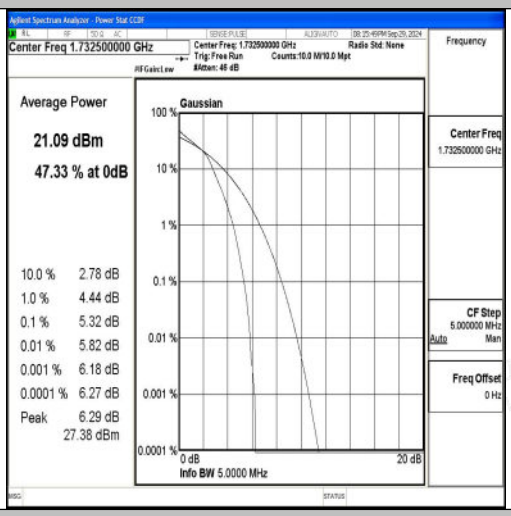

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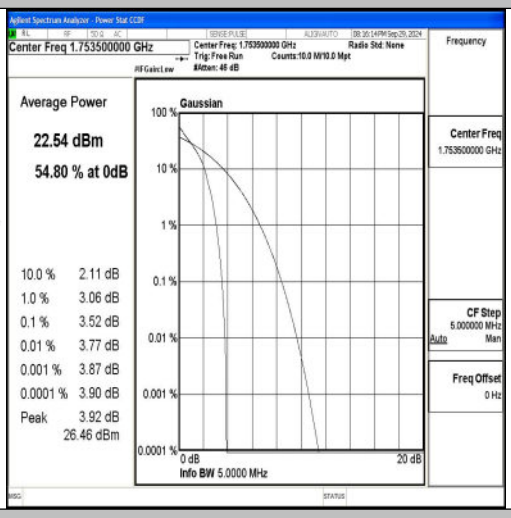

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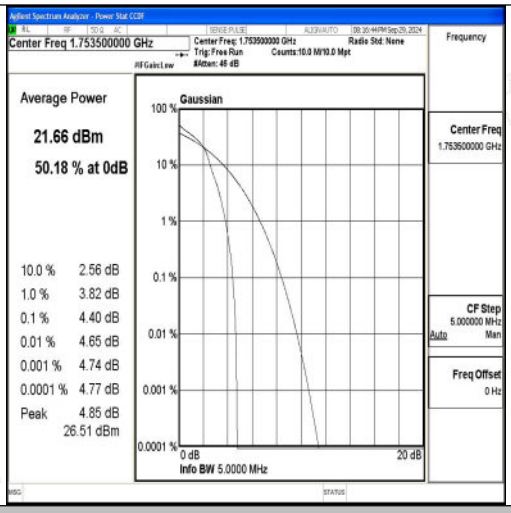

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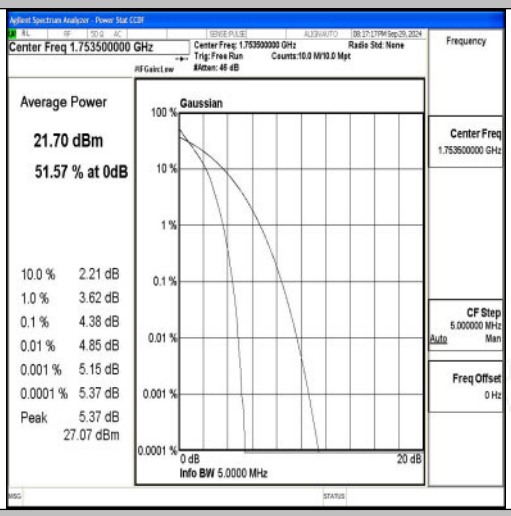

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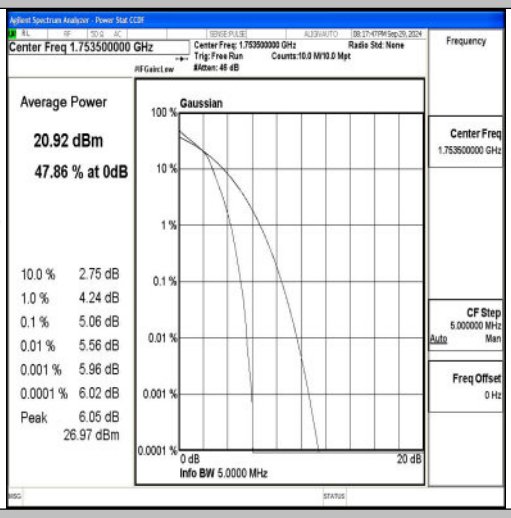

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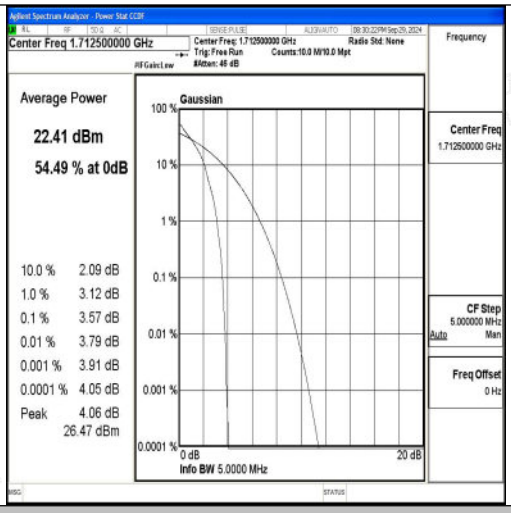

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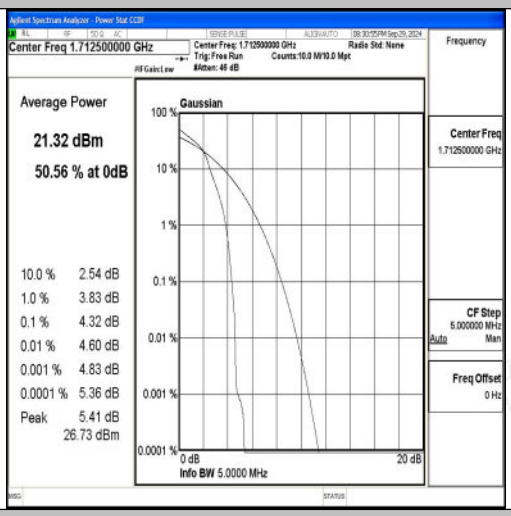

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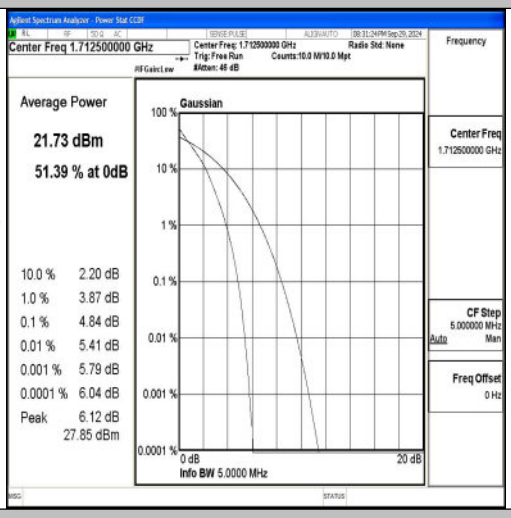

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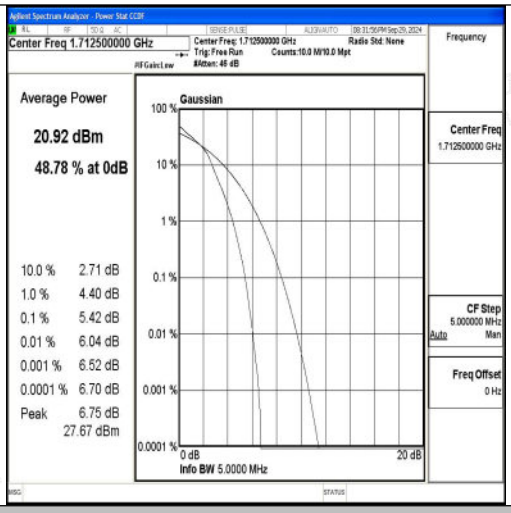

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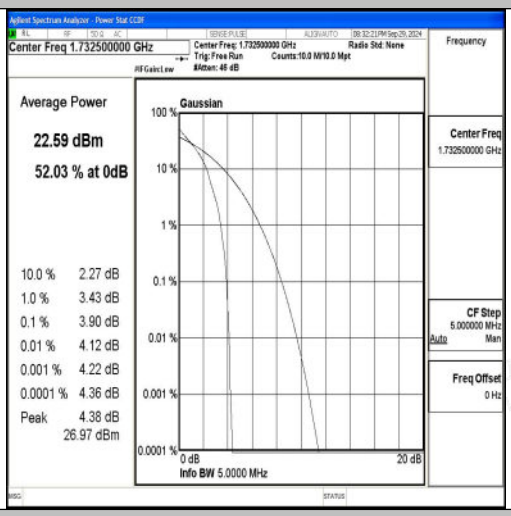

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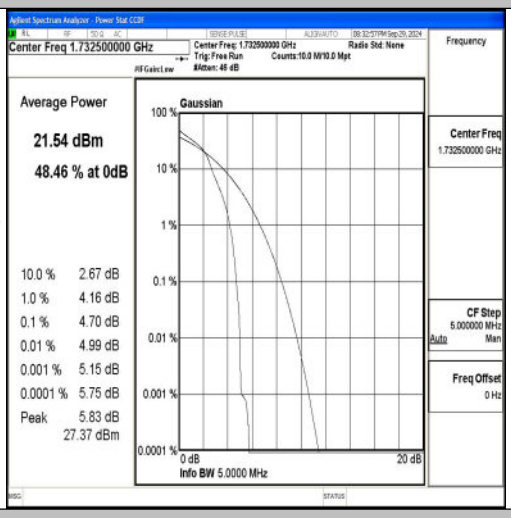

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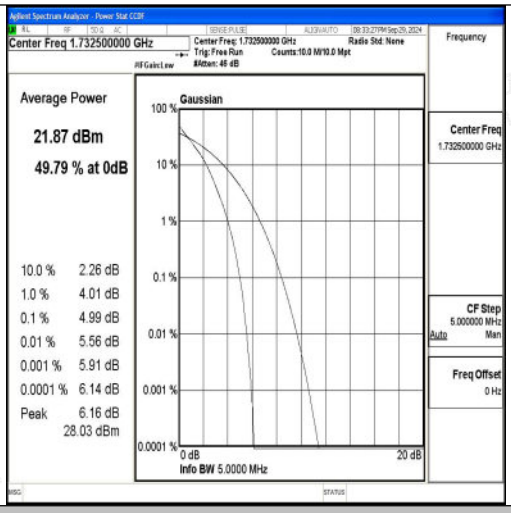

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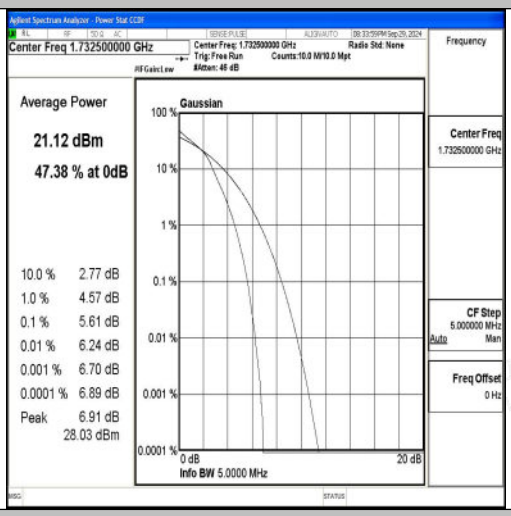

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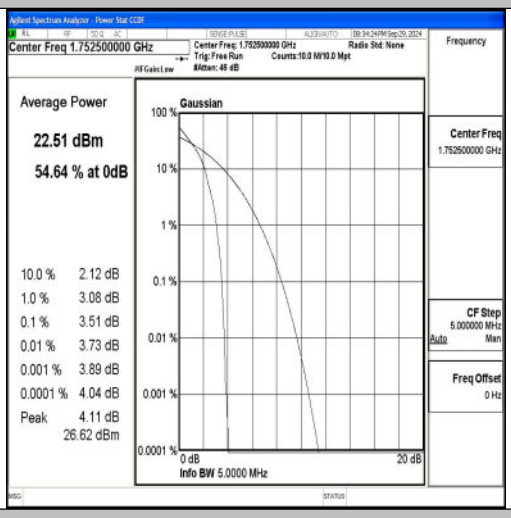

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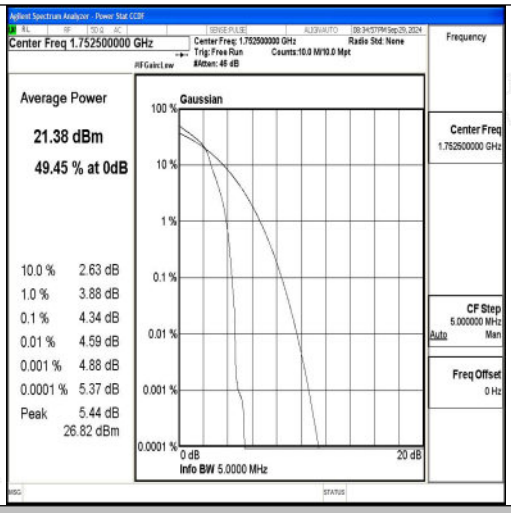

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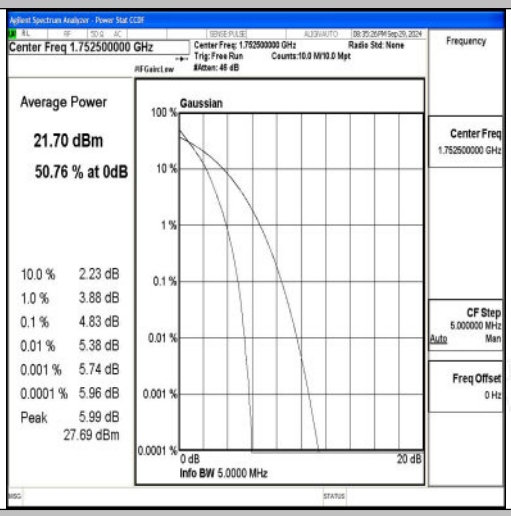

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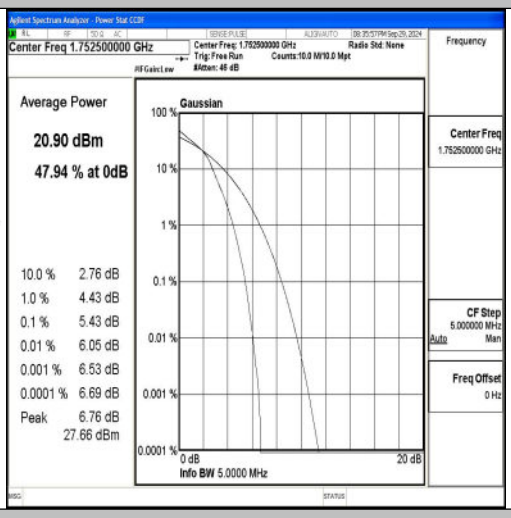

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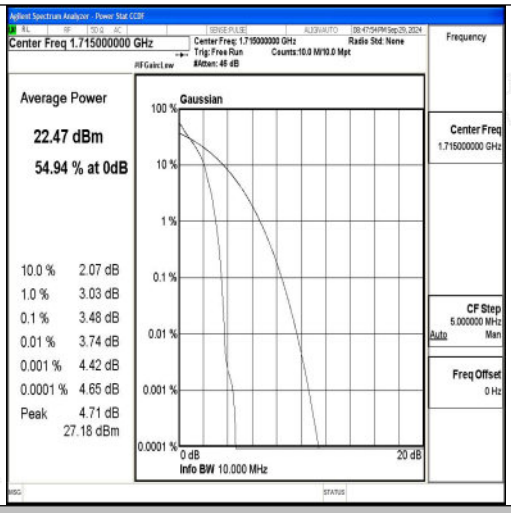
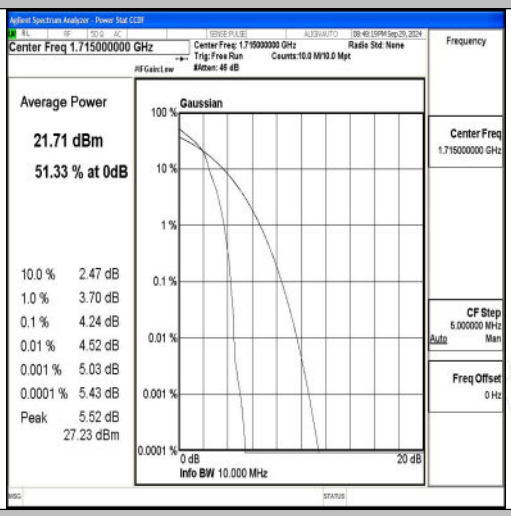


Band4-10MHz-QPSK-20000-1RB#0-PASS



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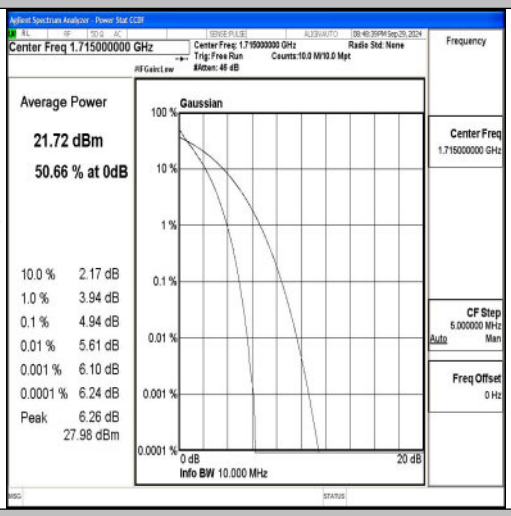

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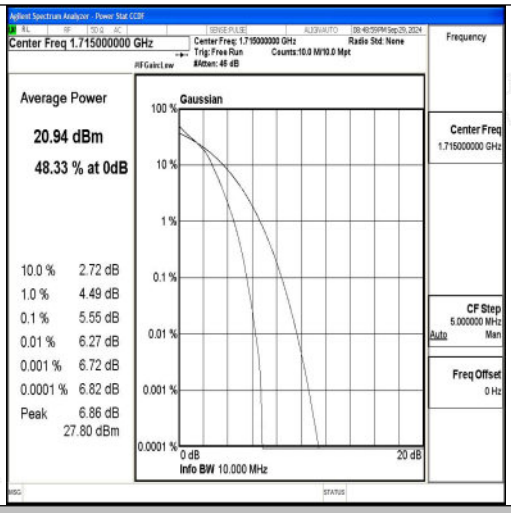

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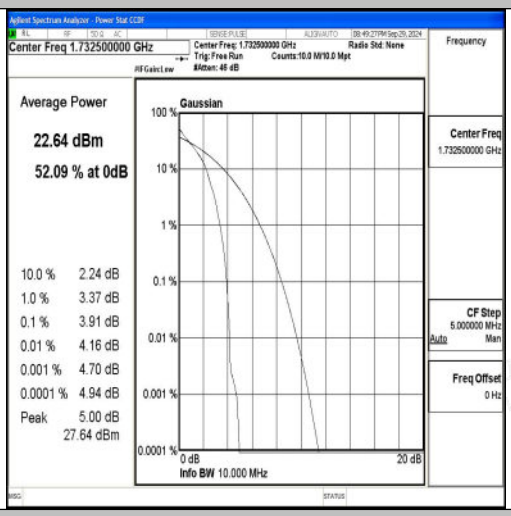

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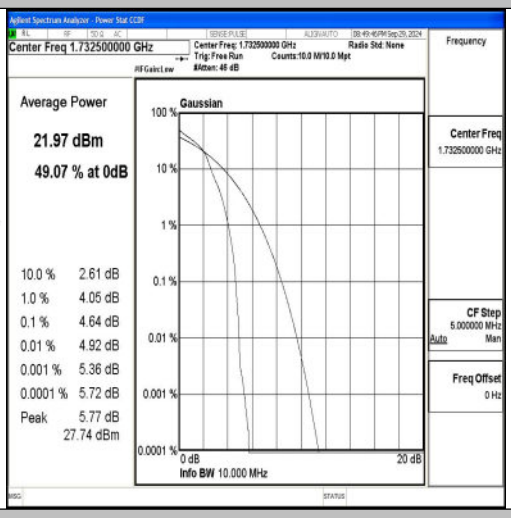

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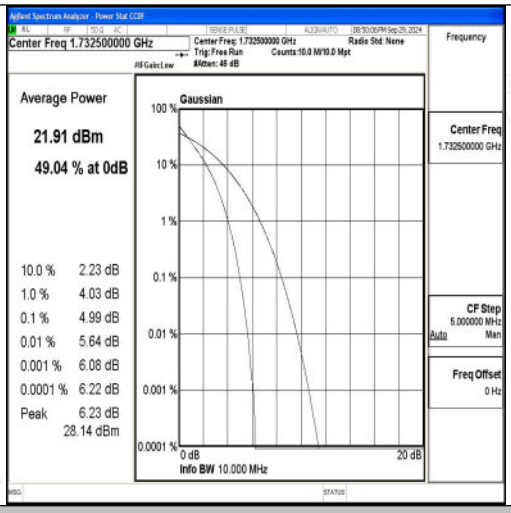
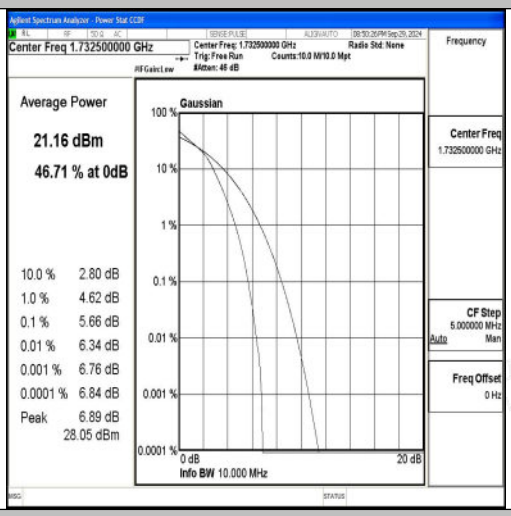
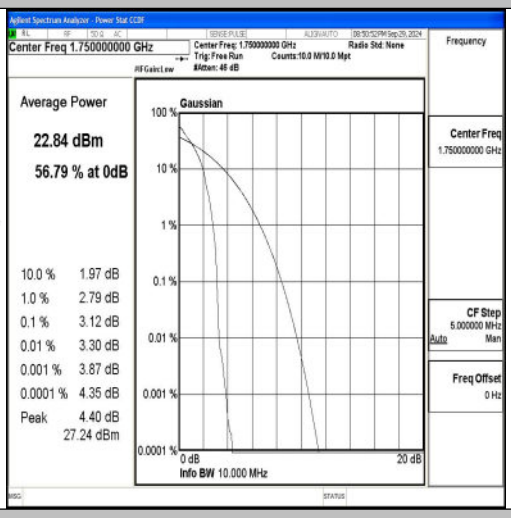


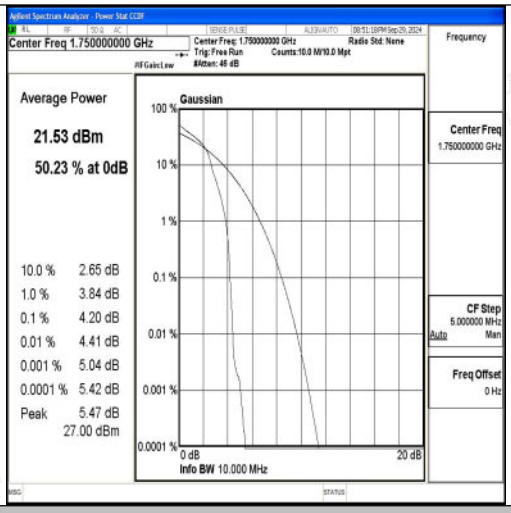
Band4-10MHz-QPSK-20175-50RB#0-PASS



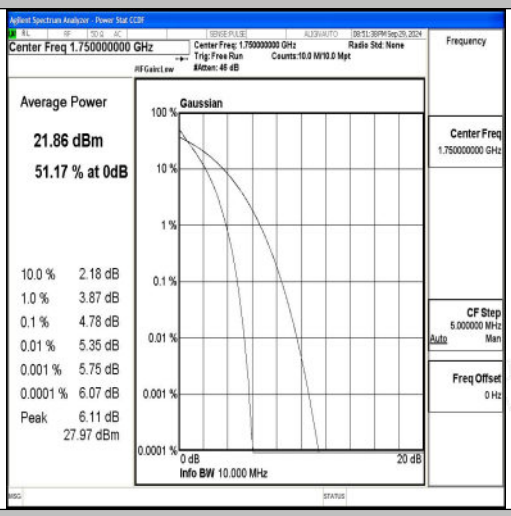
Band4-10MHz-16QAM-20175-50RB#0-PASS



Band4-10MHz-QPSK-20350-1RB#0-PASS



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



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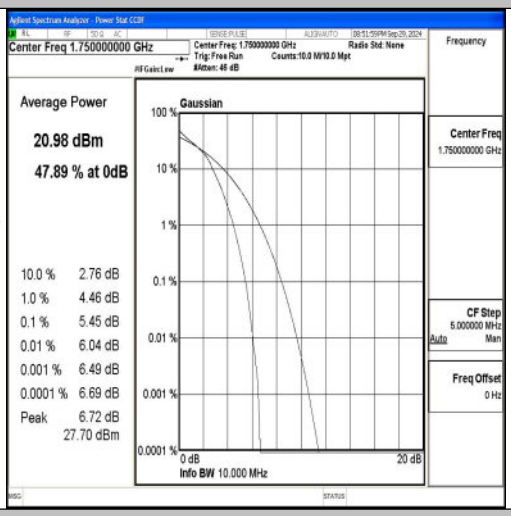
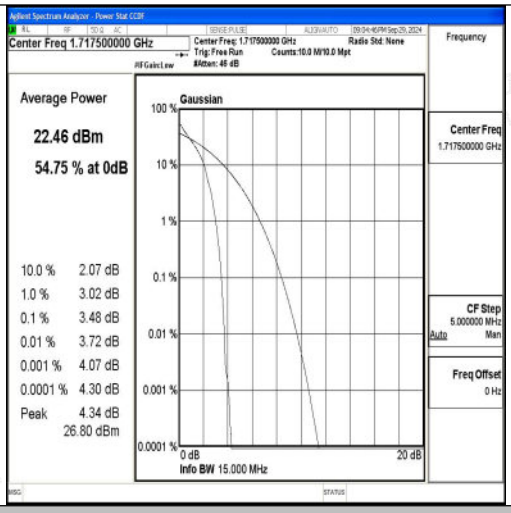
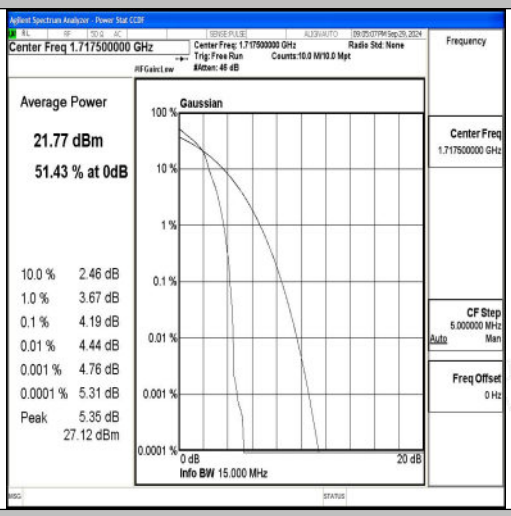


Band4-10MHz-16QAM-20350-50RB#0-PASS



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



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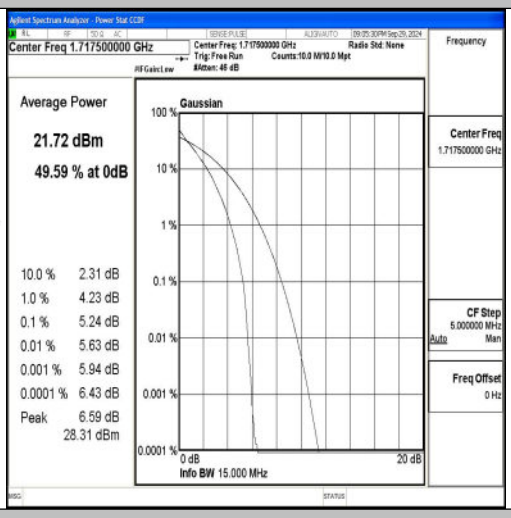

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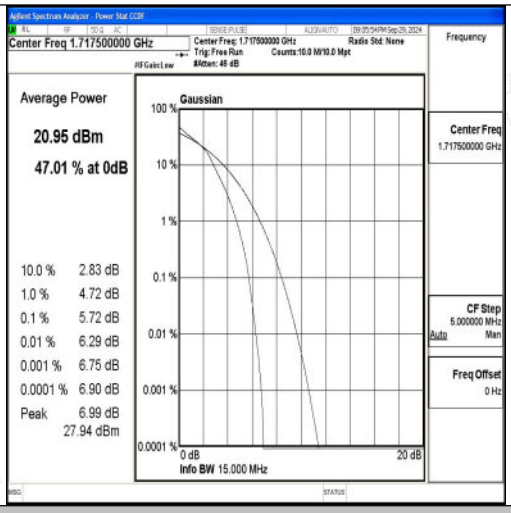

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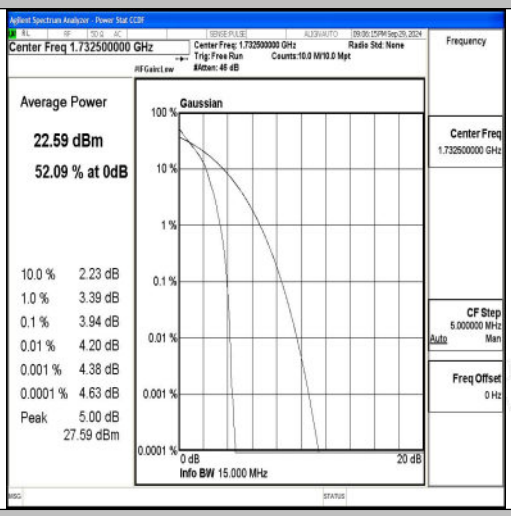

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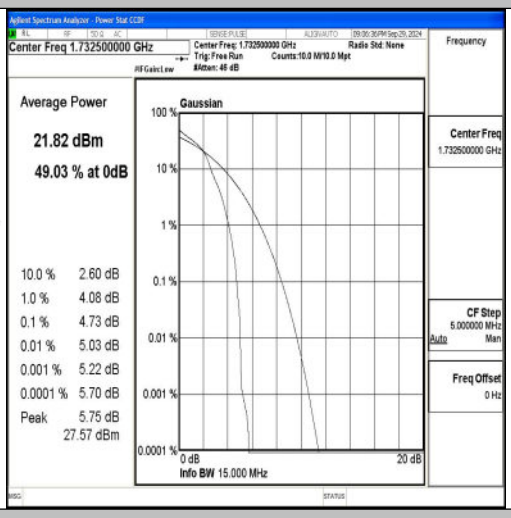
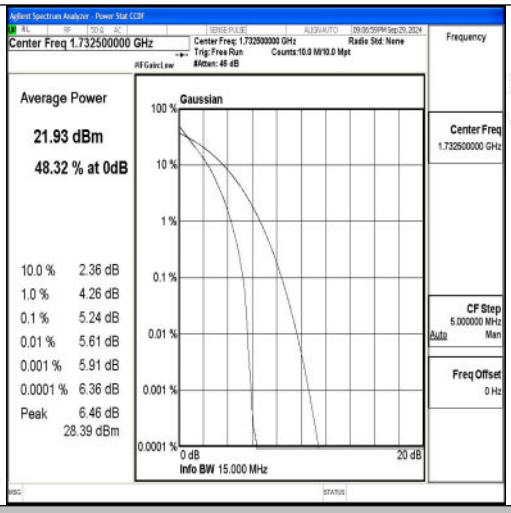


Band4-15MHz-16QAM-20175-1RB#0-PASS



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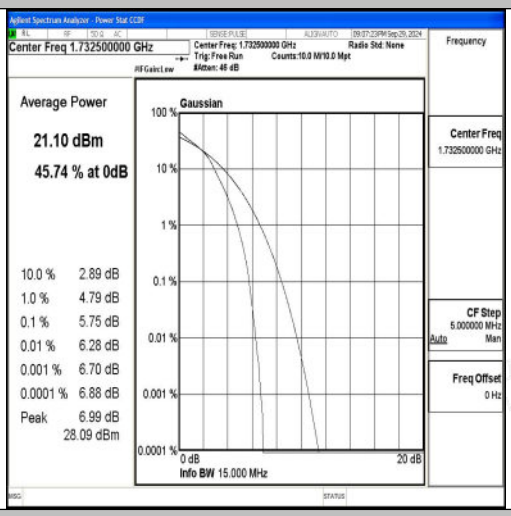

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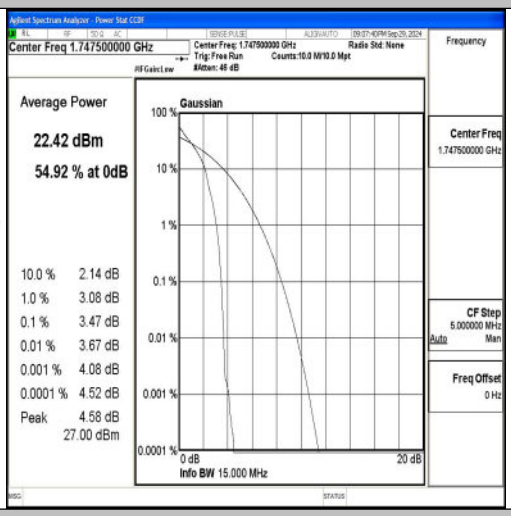

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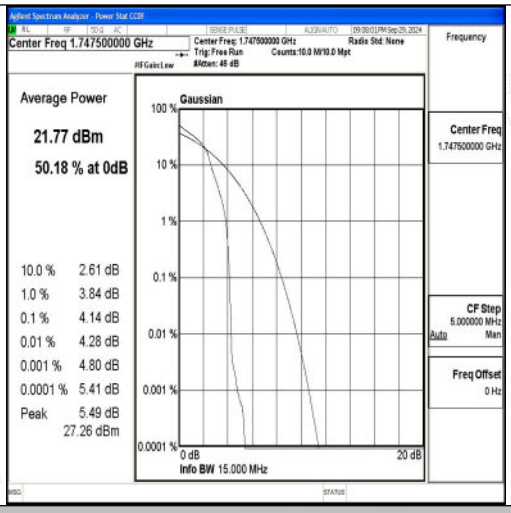

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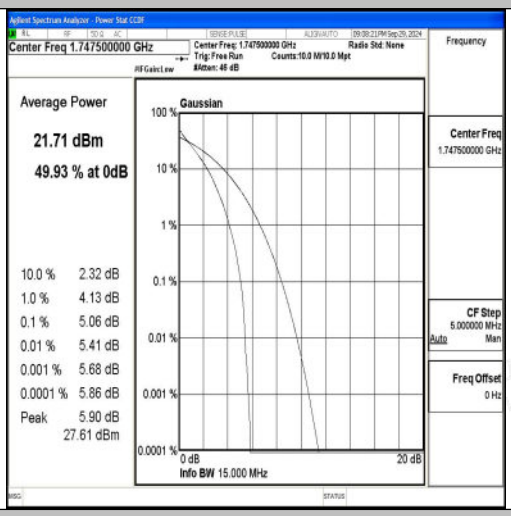

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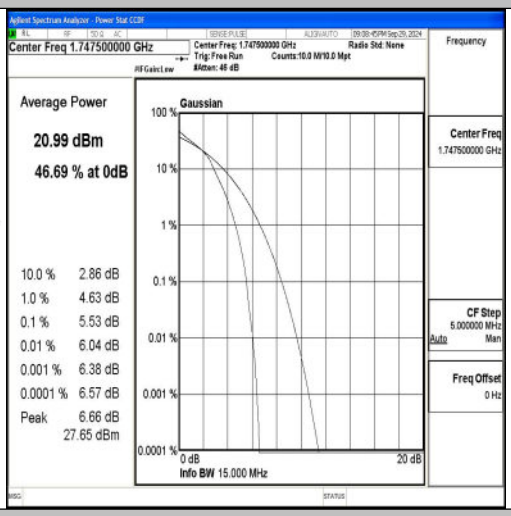

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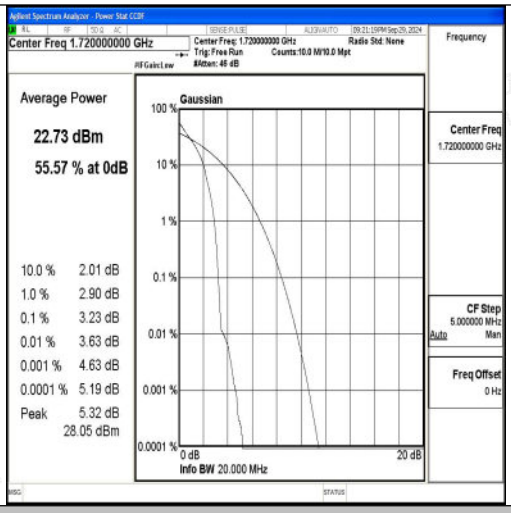
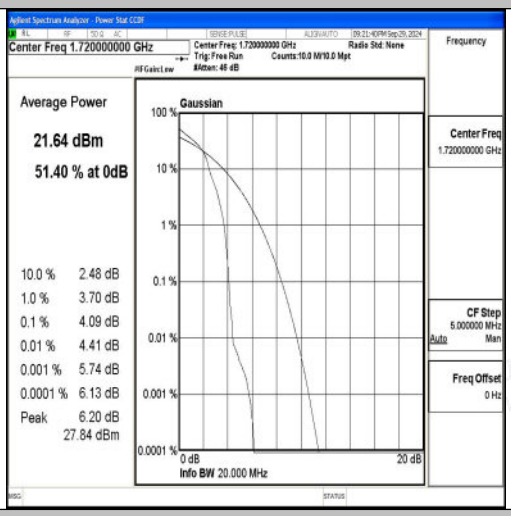
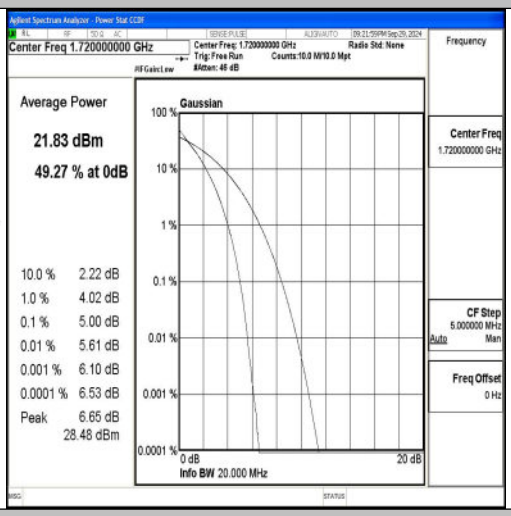


Band4-20MHz-QPSK-20050-1RB#0-PASS



Band4-20MHz-16QAM-20050-1RB#0-PASS



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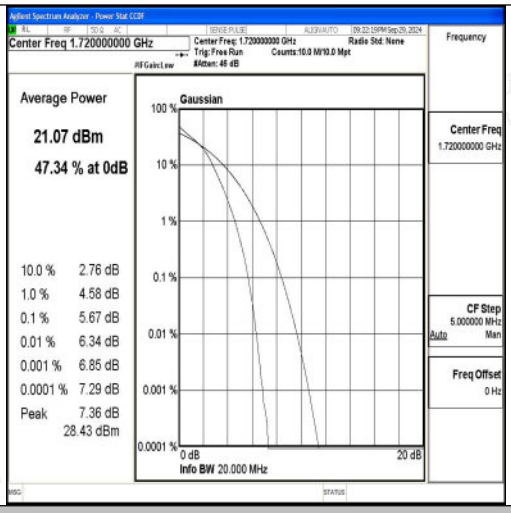

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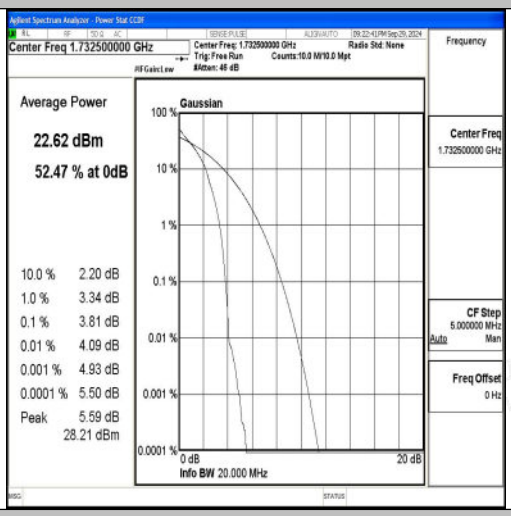

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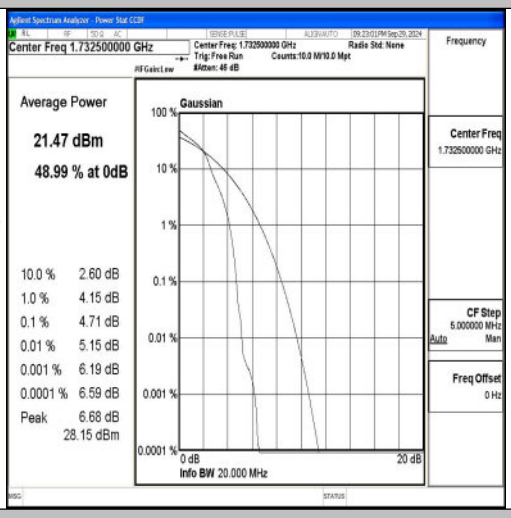

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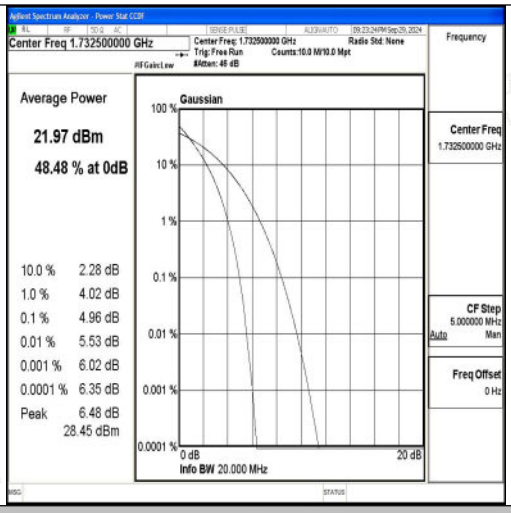

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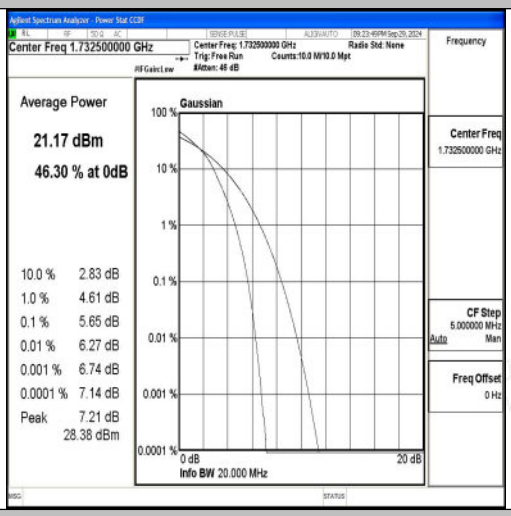

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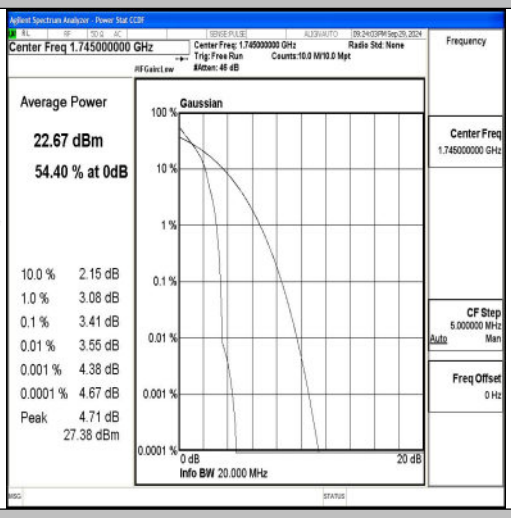
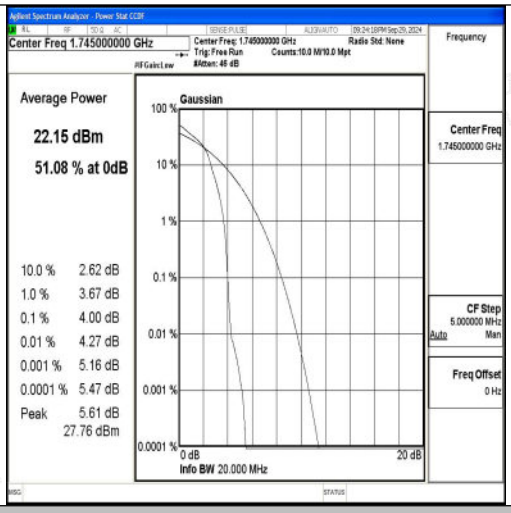


Band4-20MHz-QPSK-20300-1RB#0-PASS



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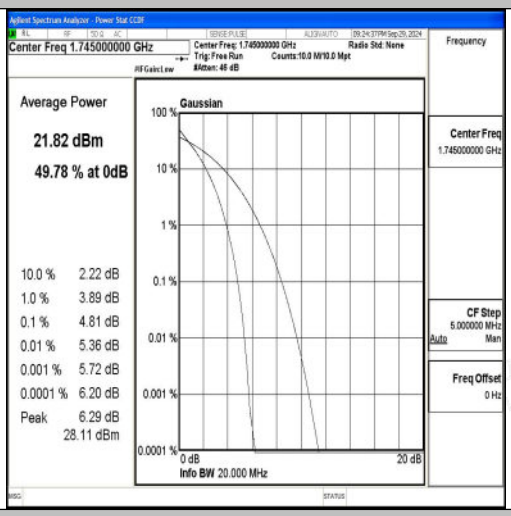

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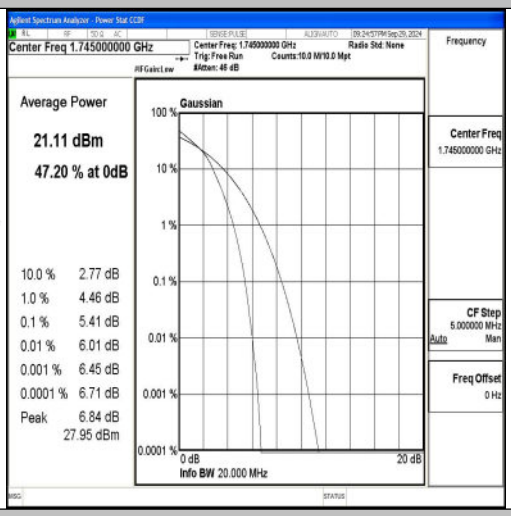


Band4-20MHz-16QAM-20300-100RB#0-PASS

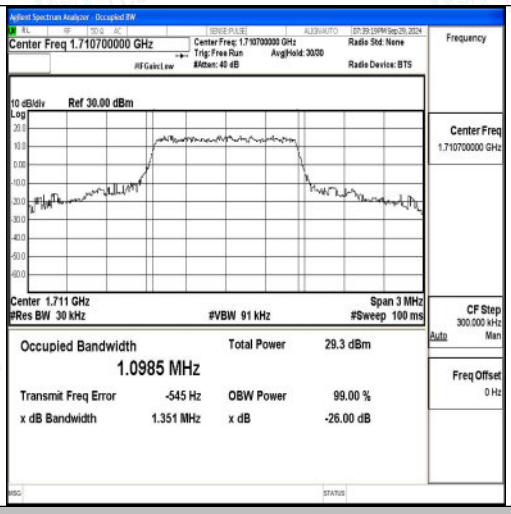
B.3 26dB Bandwidth and Occupied Bandwidth

Test Result

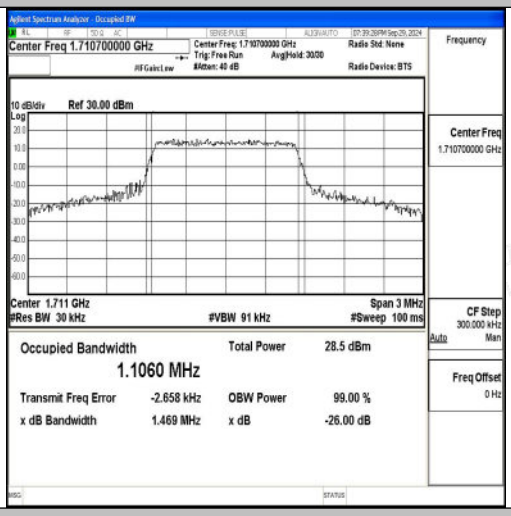
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0985	1.351	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1060	1.469	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0967	1.379	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1013	1.379	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0976	1.291	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1088	1.377	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7072	3.105	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7140	3.137	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7195	3.132	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7075	3.143	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7133	3.345	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7068	3.121	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5333	5.472	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5258	5.356	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5356	5.304	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5201	5.229	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5263	5.382	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5169	5.286	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0137	10.17	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0258	10.41	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0031	9.962	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9959	10.21	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0043	10.37	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0136	10.87	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.517	15.60	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.496	15.01	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.543	15.17	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.531	14.97	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.513	16.39	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.484	14.98	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.031	19.99	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.080	20.06	PASS

Band4	20MHz	QPSK	20175	100RB#0	18.000	19.92	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.041	20.06	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.019	20.12	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.007	20.10	PASS

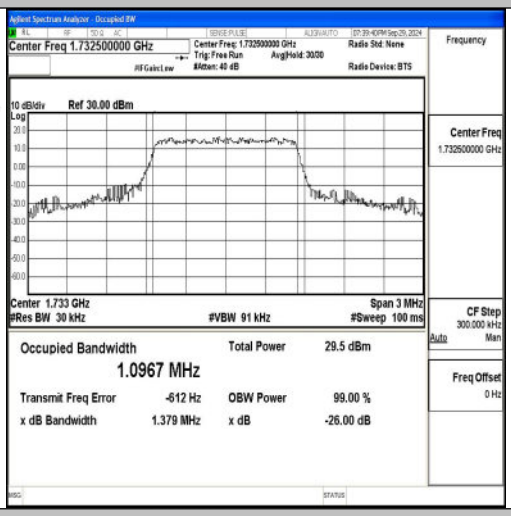
Test Graphs



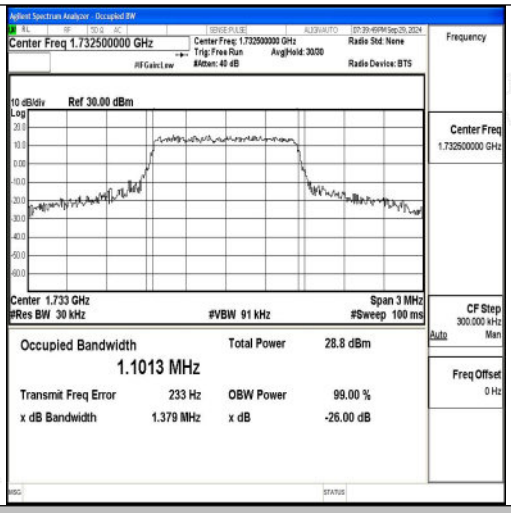
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



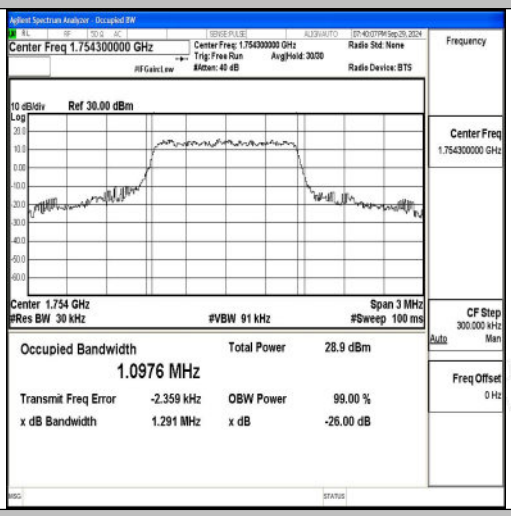
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



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



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



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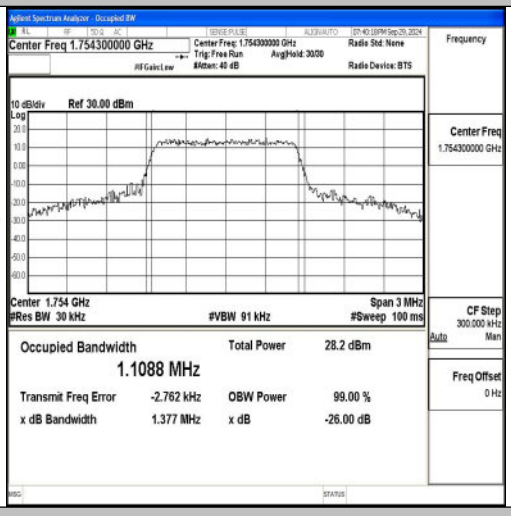
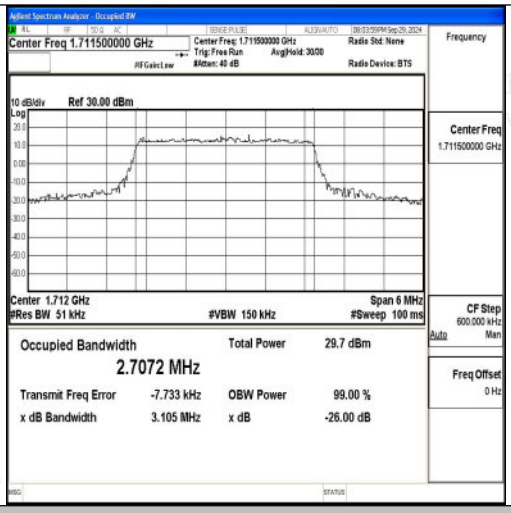
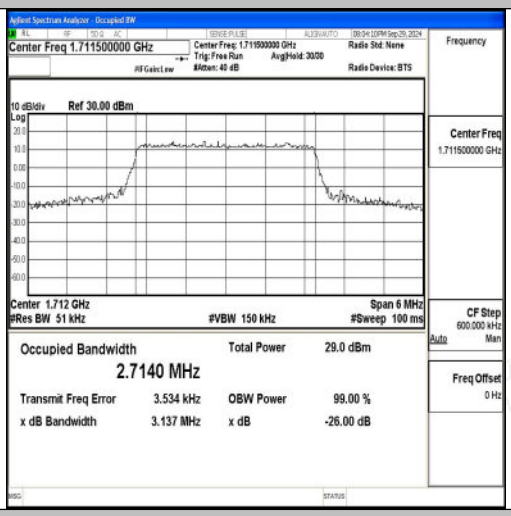


Band4-1.4MHz-16QAM-20393-6RB#0-PASS



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



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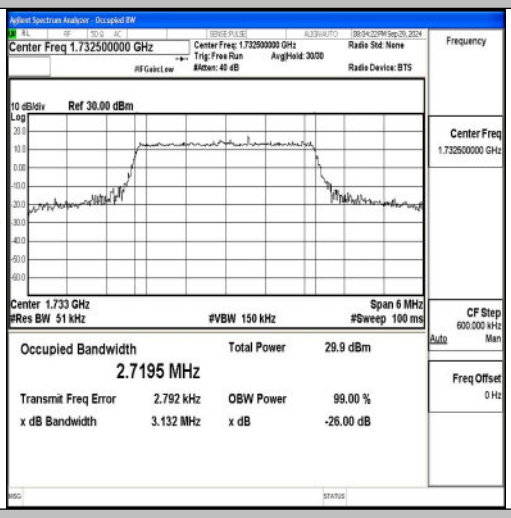
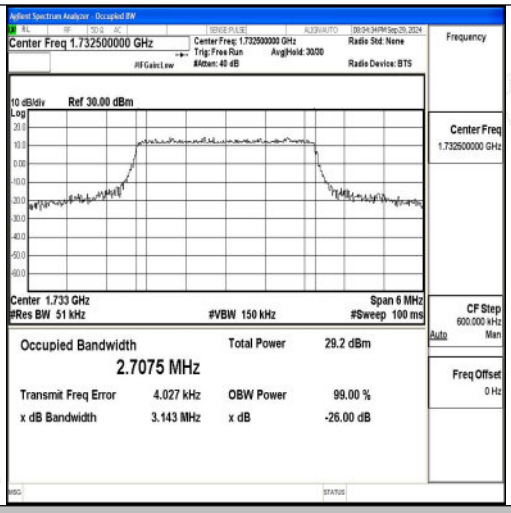
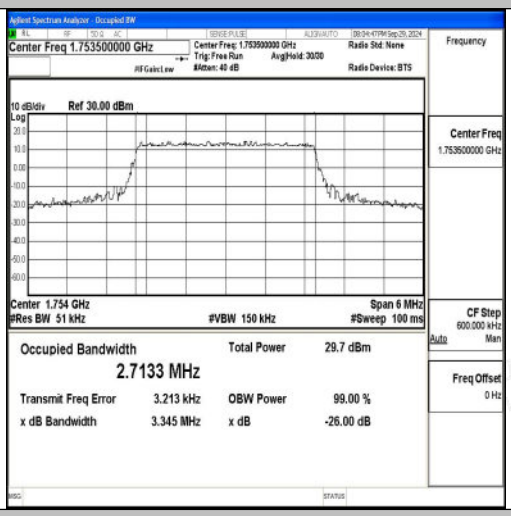


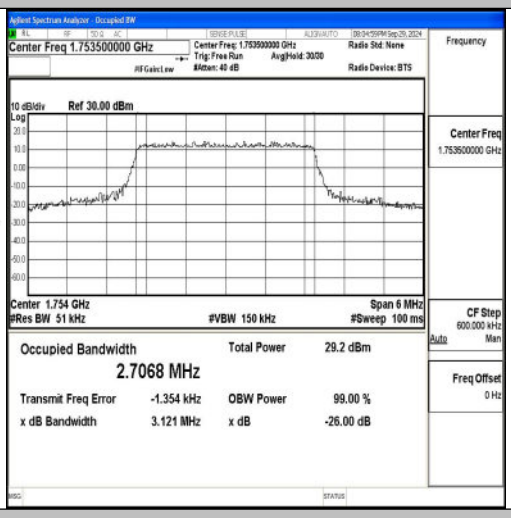
Band4-3MHz-QPSK-20175-15RB#0-PASS



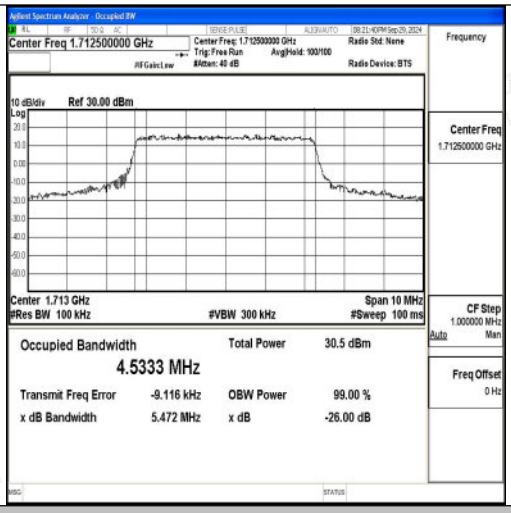
Band4-3MHz-16QAM-20175-15RB#0-PASS



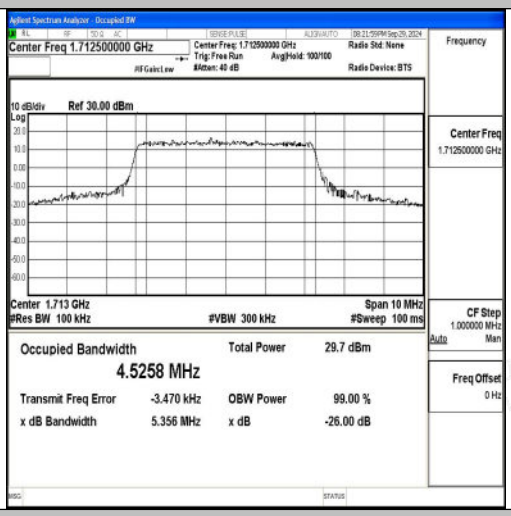
Band4-3MHz-QPSK-20385-15RB#0-PASS



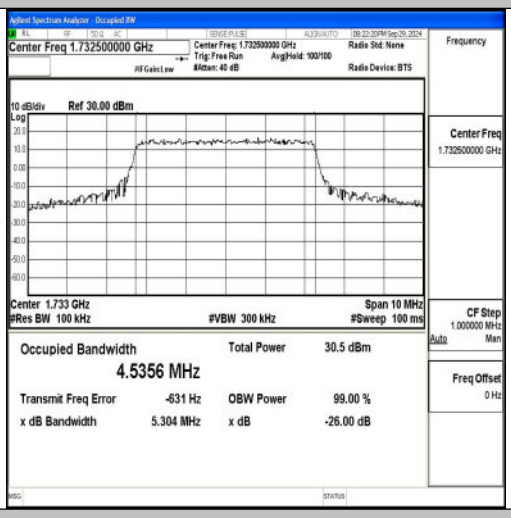
Band4-3MHz-16QAM-20385-15RB#0-PASS



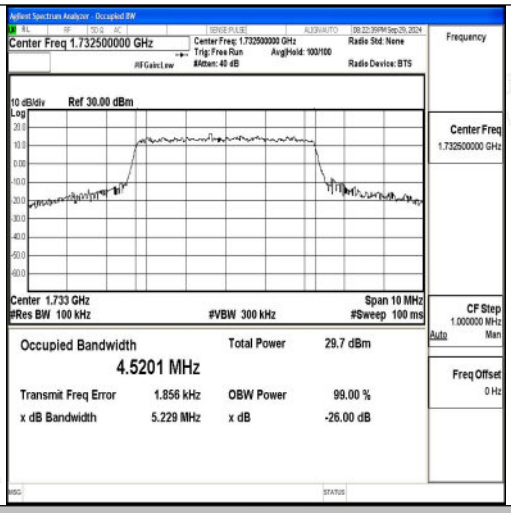
Band4-5MHz-QPSK-19975-25RB#0-PASS



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



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



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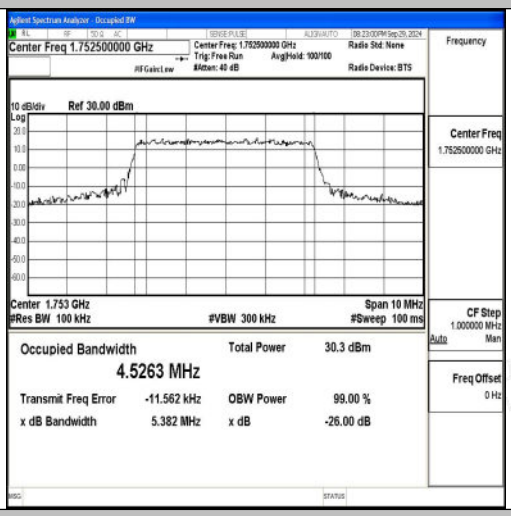
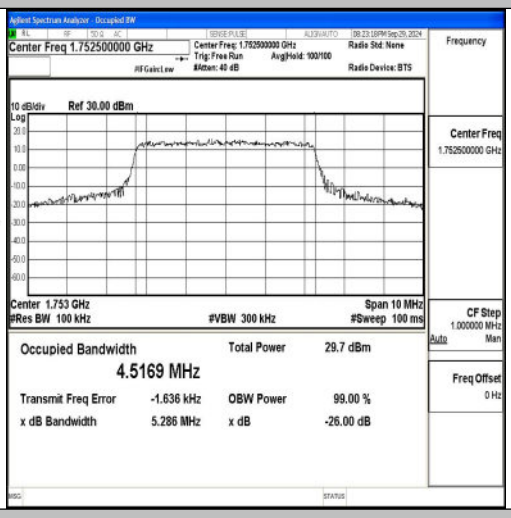
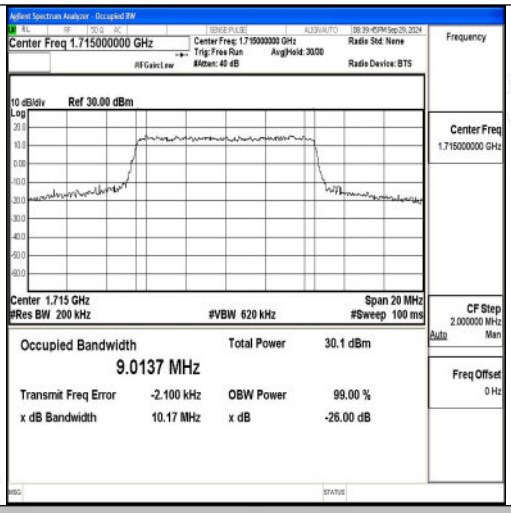


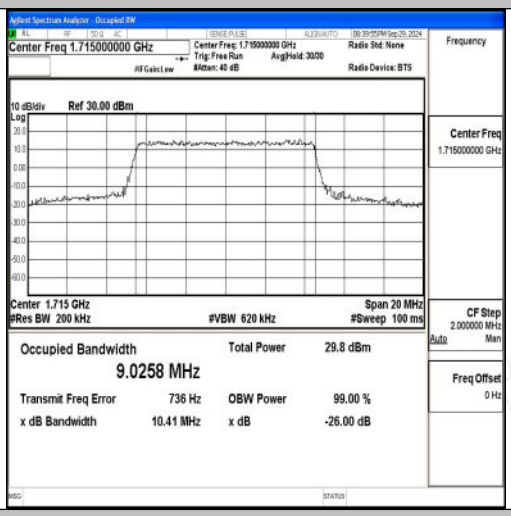
Band4-5MHz-QPSK-20375-25RB#0-PASS



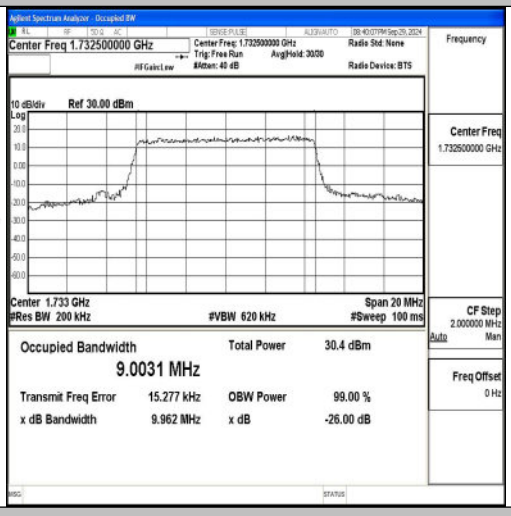
Band4-5MHz-16QAM-20375-25RB#0-PASS



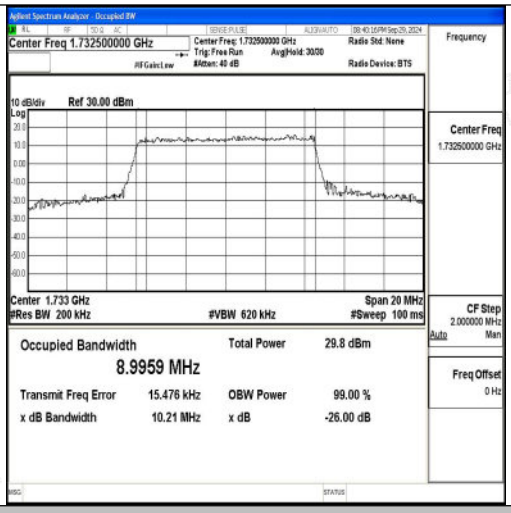
Band4-10MHz-QPSK-20000-50RB#0-PASS



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



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



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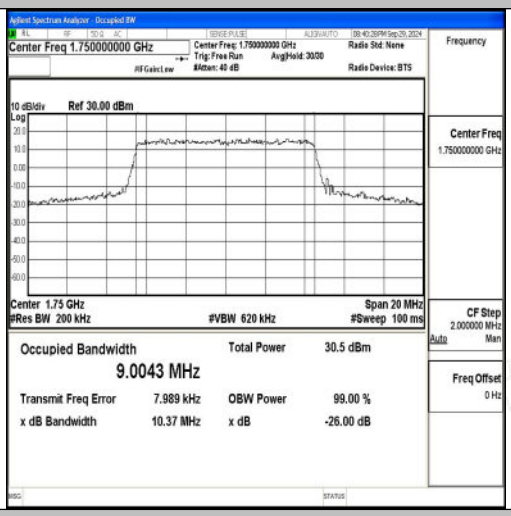
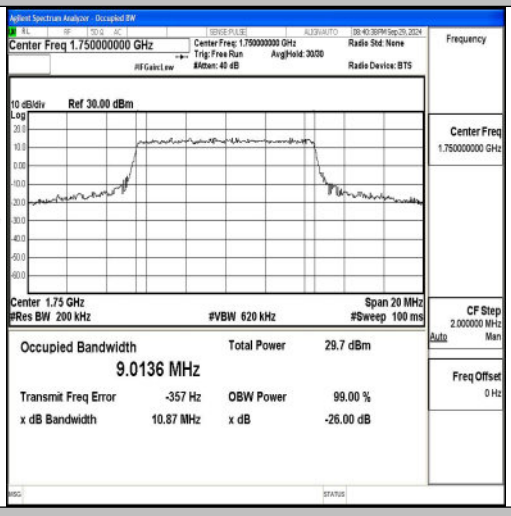
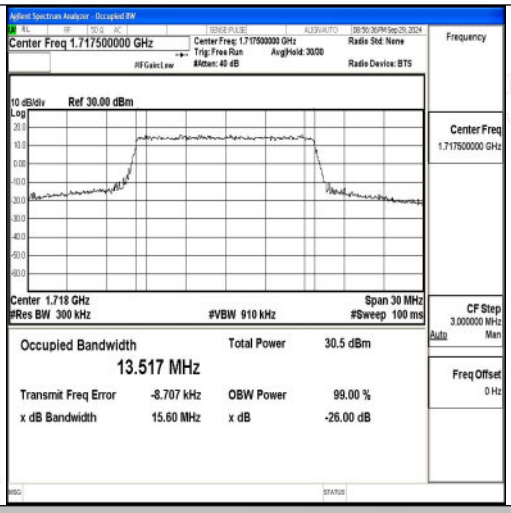


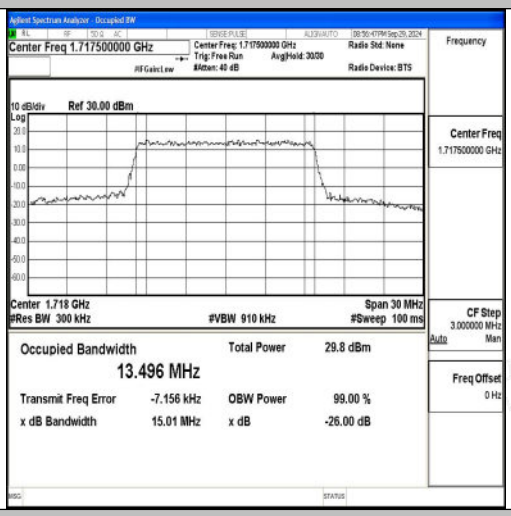
Band4-10MHz-QPSK-20350-50RB#0-PASS



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



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



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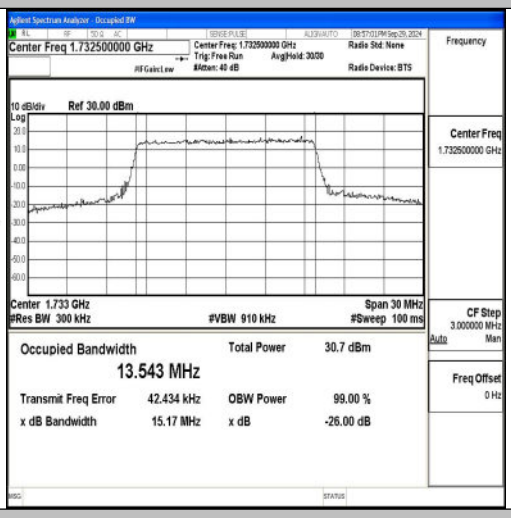
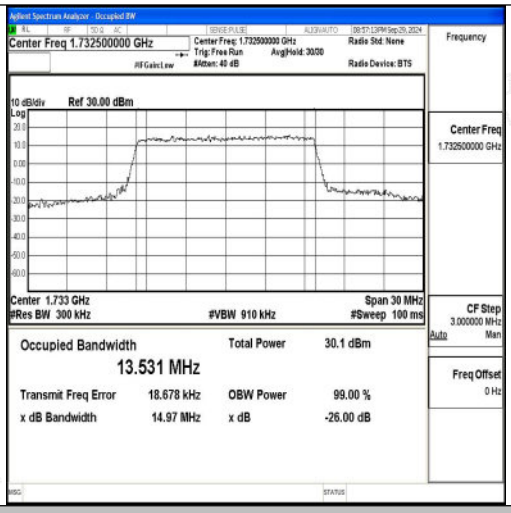


Band4-15MHz-QPSK-20175-75RB#0-PASS



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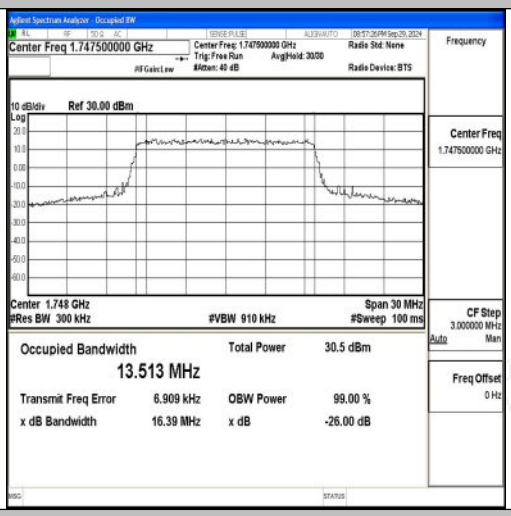

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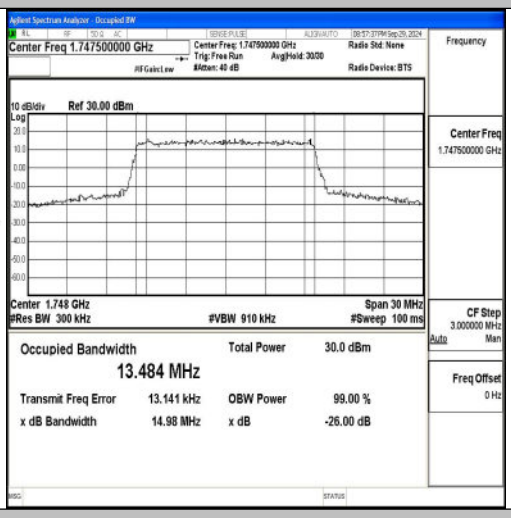

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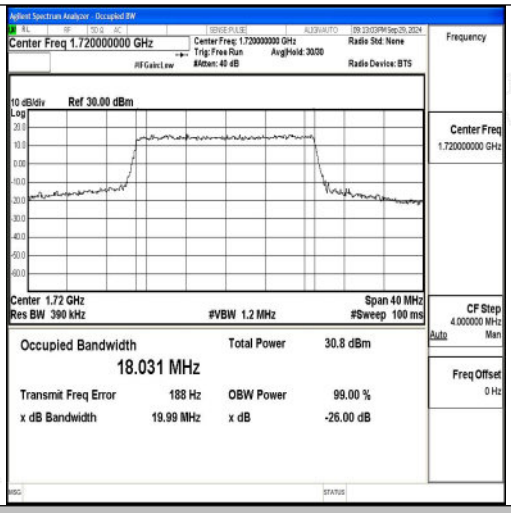
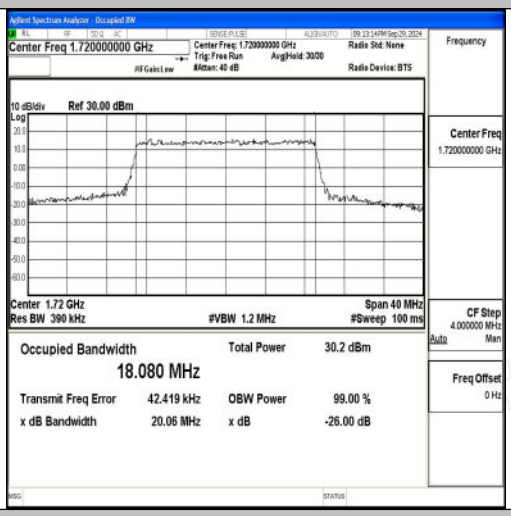


Band4-20MHz-QPSK-20050-100RB#0-PASS



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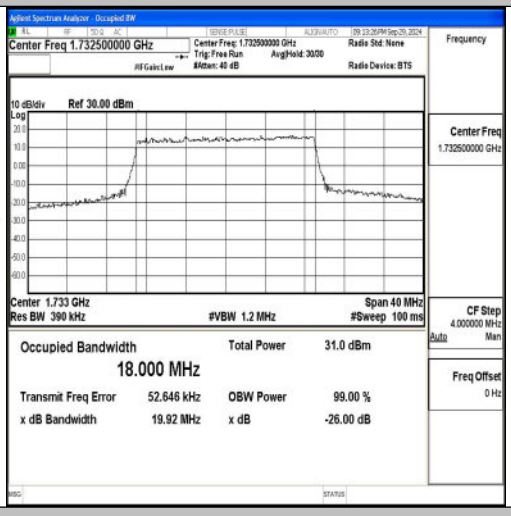

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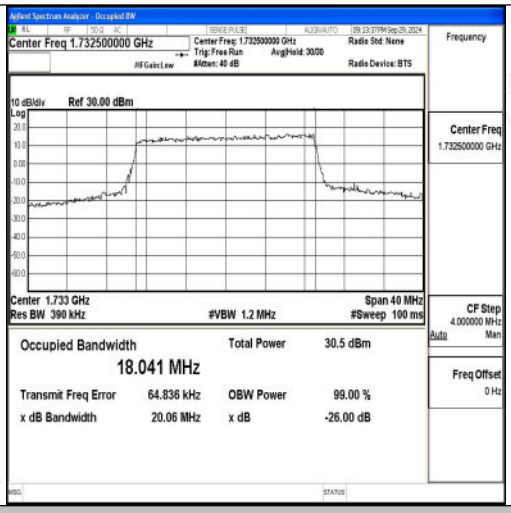
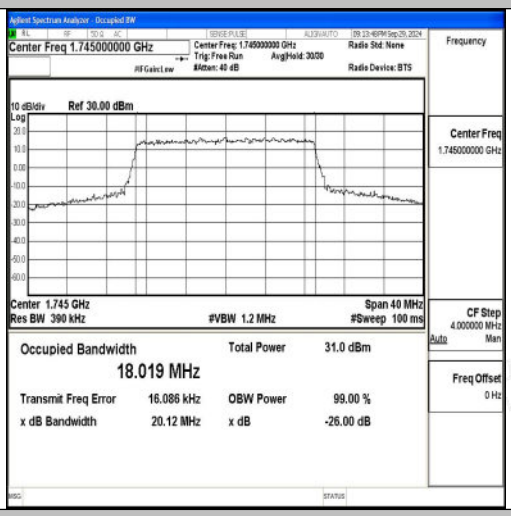
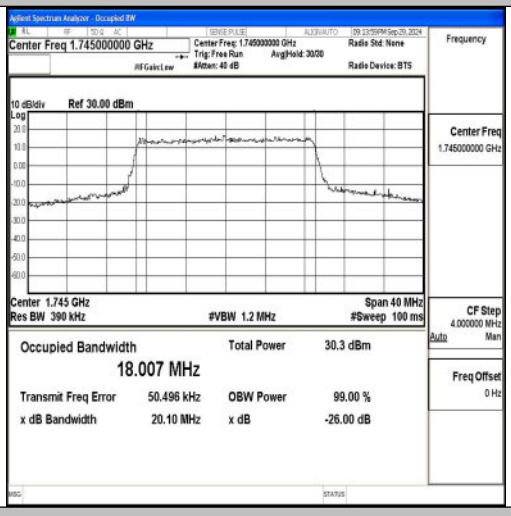


Band4-20MHz-16QAM-20175-100RB#0-PASS



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



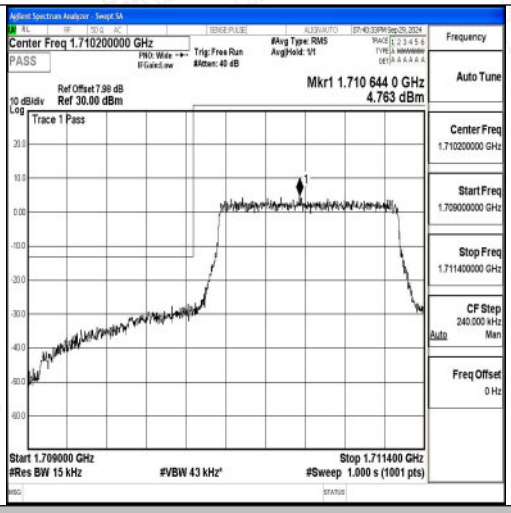
Band4-20MHz-16QAM-20300-100RB#0-PASS

B.4 Band Edge

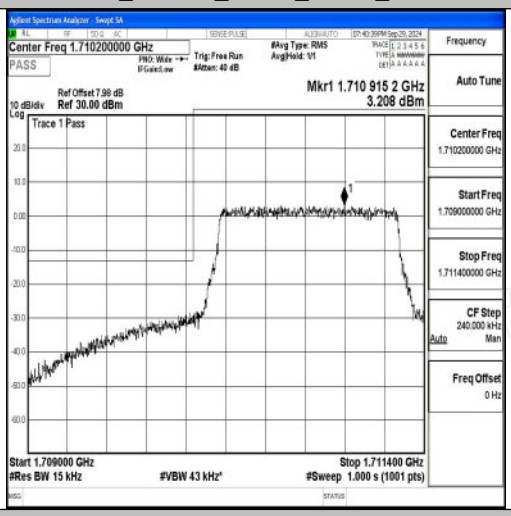
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1709.97	-27.06	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1709.98	-28.53	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1755.09	-27.48	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1755.04	-26.93	PASS
Band4	3MHz	QPSK	19965	15RB#0	1710.00	-21.08	PASS
Band4	3MHz	16QAM	19965	15RB#0	1710.00	-23.37	PASS
Band4	3MHz	QPSK	20385	15RB#0	1755.03	-22.67	PASS
Band4	3MHz	16QAM	20385	15RB#0	1755.01	-24.81	PASS
Band4	5MHz	QPSK	19975	25RB#0	1710.00	-23.36	PASS
Band4	5MHz	16QAM	19975	25RB#0	1709.99	-25.70	PASS
Band4	5MHz	QPSK	20375	25RB#0	1755.02	-25.13	PASS
Band4	5MHz	16QAM	20375	25RB#0	1755.00	-26.18	PASS
Band4	10MHz	QPSK	20000	50RB#0	1709.96	-25.18	PASS
Band4	10MHz	16QAM	20000	50RB#0	1709.90	-27.13	PASS
Band4	10MHz	QPSK	20350	50RB#0	1755.10	-25.66	PASS
Band4	10MHz	16QAM	20350	50RB#0	1755.02	-27.08	PASS
Band4	15MHz	QPSK	20025	75RB#0	1709.99	-24.58	PASS
Band4	15MHz	16QAM	20025	75RB#0	1709.88	-26.97	PASS
Band4	15MHz	QPSK	20325	75RB#0	1755.01	-24.41	PASS
Band4	15MHz	16QAM	20325	75RB#0	1755.01	-26.03	PASS
Band4	20MHz	QPSK	20050	100RB#0	1709.84	-25.64	PASS
Band4	20MHz	16QAM	20050	100RB#0	1709.86	-27.44	PASS
Band4	20MHz	QPSK	20300	100RB#0	1755.01	-24.52	PASS
Band4	20MHz	16QAM	20300	100RB#0	1755.20	-26.80	PASS

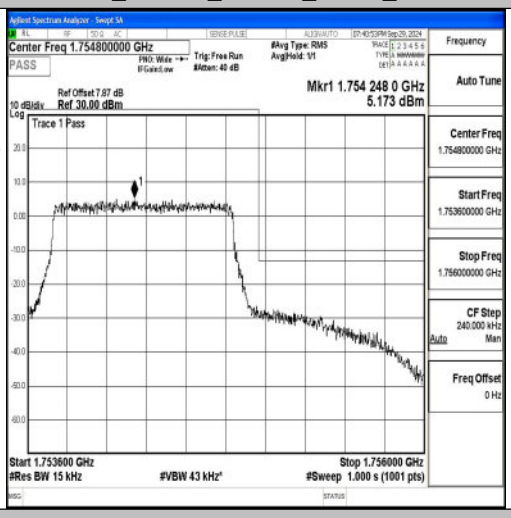
Test Graphs



Band4_1.4MHz_QPSK_19957_6RB#0



Band4_1.4MHz_16QAM_19957_6RB#0



Band4_1.4MHz_QPSK_20393_6RB#0