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Appendix for LTE Band 4

Applicant: UCLOUDLINK (SINGAPORE) PTE.LTD

Address: 80 ROBINSON ROAD #02-00 SINGAPORE

Product Name: Smart Travel Adapter

Model: GLMX23A04

FCC ID: 2BB6E-GLMX23A04

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1 Summary of Test Results Data and Graph

1.1. Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	24.51	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	24.12	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	24.52	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	24.11	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	24.55	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	24.14	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	24.60	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	24.57	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	**24.64**	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	24.59	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	24.63	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	24.61	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	23.64	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.93	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	24.48	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.07	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	24.48	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	24.43	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.07	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	24.61	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	24.58	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	24.57	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	24.52	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	24.59	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	24.60	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	23.51	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	22.55	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	24.38	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.35	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	24.27	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.38	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	24.38	PASS

Band4	1.4MHz	16QAM	20393	1RB#5	23.44	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	24.48	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	24.44	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	24.54	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	24.51	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	24.45	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	24.55	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.49	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.67	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.85	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.60	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.90	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.61	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.86	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.55	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.92	PASS
Band4	3MHz	16QAM	19965	8RB#0	22.11	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.93	PASS
Band4	3MHz	16QAM	19965	8RB#4	22.12	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.87	PASS
Band4	3MHz	16QAM	19965	8RB#7	22.08	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.90	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.92	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.84	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.17	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.80	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.11	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.79	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.09	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.80	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.98	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.72	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.98	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.74	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.95	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.84	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.67	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.68	PASS

Band4	3MHz	16QAM	20385	1RB#0	22.74	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.73	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.71	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.78	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.75	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.80	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.93	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.72	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.92	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.84	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.98	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.79	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.83	PASS
Band4	5MHz	QPSK	19975	1RB#0	24.02	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.42	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.98	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.32	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.87	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.34	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.90	PASS
Band4	5MHz	16QAM	19975	12RB#0	22.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.91	PASS
Band4	5MHz	16QAM	19975	12RB#6	22.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.89	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.89	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.93	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.09	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.80	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.93	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.81	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.92	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.86	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.91	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.80	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.97	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.79	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.95	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.87	PASS

Band4	5MHz	16QAM	20175	12RB#13	21.96	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.76	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.84	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.67	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.22	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.77	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.31	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.82	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.26	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.88	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.74	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.84	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.64	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.84	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.74	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.73	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.81	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.91	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.91	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.73	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.96	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.75	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.84	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.87	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.90	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.90	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.90	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.91	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.84	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.95	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.95	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.78	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.75	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.75	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.62	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.81	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.66	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.89	PASS

Band4	10MHz	16QAM	20175	25RB#0	21.88	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.86	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.95	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.78	PASS
Band4	10MHz	16QAM	20175	25RB#25	22.02	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.84	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.89	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.77	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.43	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.78	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.39	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.80	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.45	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.82	PASS
Band4	10MHz	16QAM	20350	25RB#0	22.07	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.80	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.89	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.73	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.80	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.70	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.88	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.87	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.95	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.79	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.93	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.81	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.87	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.86	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.87	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.87	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.87	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.86	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.87	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.88	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.89	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.47	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.62	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.41	PASS

Band4	15MHz	16QAM	20175	1RB#38	22.48	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.45	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.57	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.73	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.79	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.79	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.78	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.81	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.71	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.68	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.87	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.75	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.37	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.78	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.43	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.87	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.44	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.81	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.84	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.85	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.79	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.81	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.81	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.81	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.87	PASS
Band4	20MHz	QPSK	20050	1RB#0	24.13	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.75	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.97	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.70	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.93	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.68	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.82	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.99	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.90	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.96	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.83	PASS
Band4	20MHz	16QAM	20050	50RB#50	22.03	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.80	PASS

Band4	20MHz	16QAM	20050	100RB#0	21.89	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.81	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.15	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.69	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.15	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.86	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.20	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.86	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.88	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.83	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.87	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.86	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.96	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.83	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.98	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.80	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.41	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.81	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.35	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.78	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.27	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.85	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.89	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.78	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.83	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.70	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.82	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.87	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.80	PASS

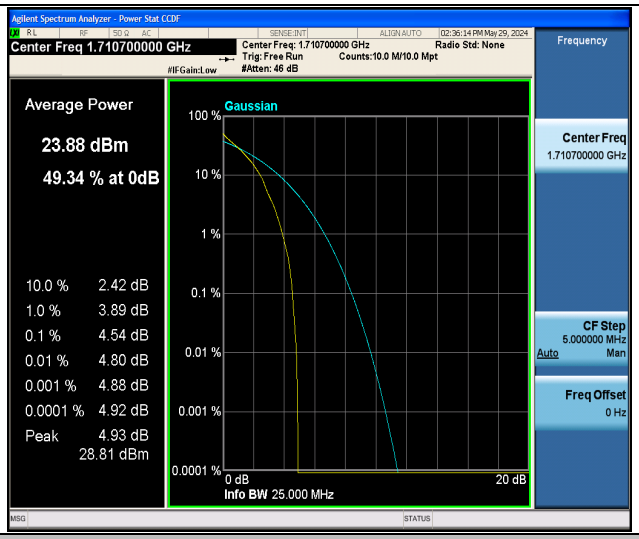
1.2. Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

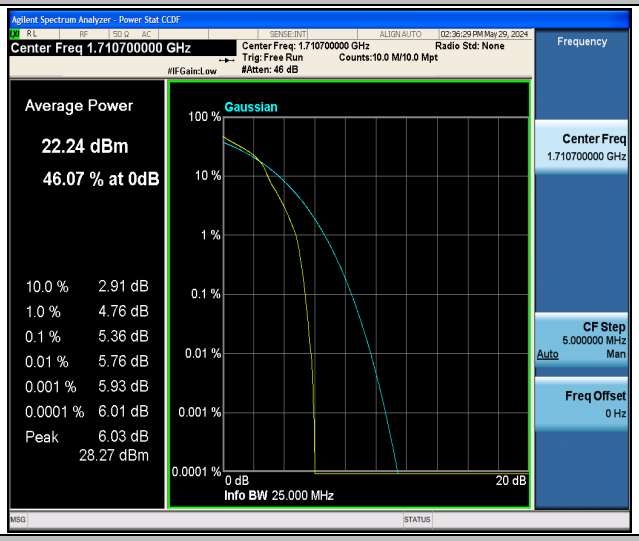
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.54	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.36	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.18	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.86	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.20	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.20	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.03	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.82	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.40	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.05	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.14	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.96	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.77	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.82	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.34	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.09	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.92	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.70	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.24	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.09	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	5.14	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.78	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.51	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.33	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.75	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.27	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.37	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.15	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.05	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.57	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.23	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.01	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.75	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.50	13	PASS

Band4	5MHz	QPSK	20375	25RB#0	5.46	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.20	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.84	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.41	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.46	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.25	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.12	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.73	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.29	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.07	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.31	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.39	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.39	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.20	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.86	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.39	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.81	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.38	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	5.25	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.93	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.61	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.23	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.32	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.25	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.63	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.20	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.86	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.69	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.60	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.38	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.07	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.63	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.45	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.22	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.27	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.17	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.46	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.17	13	PASS

Test Graphs



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



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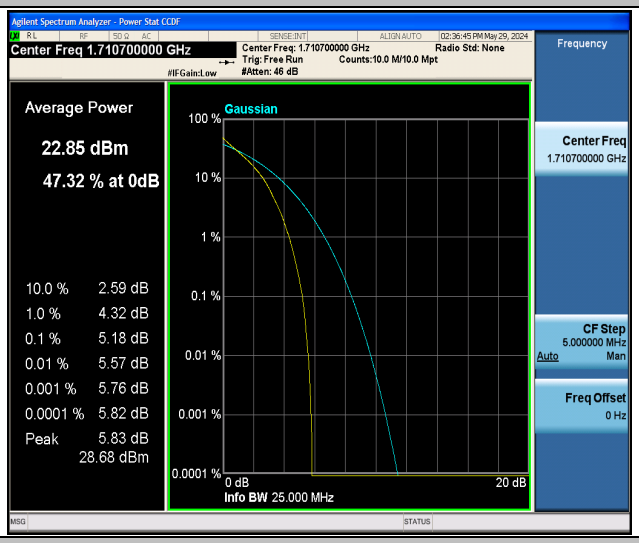

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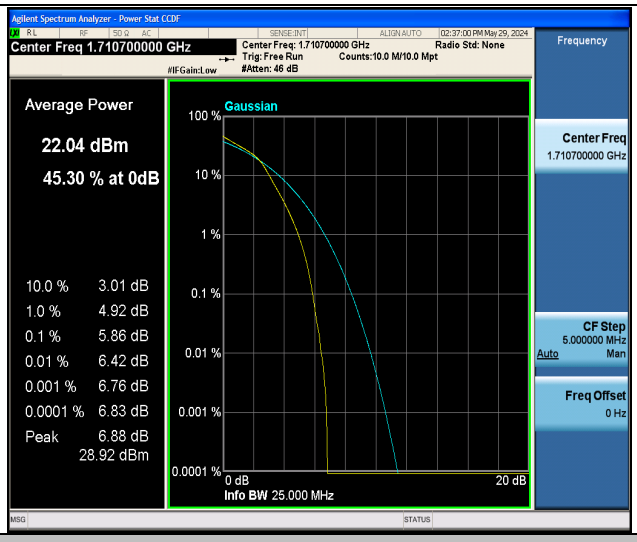

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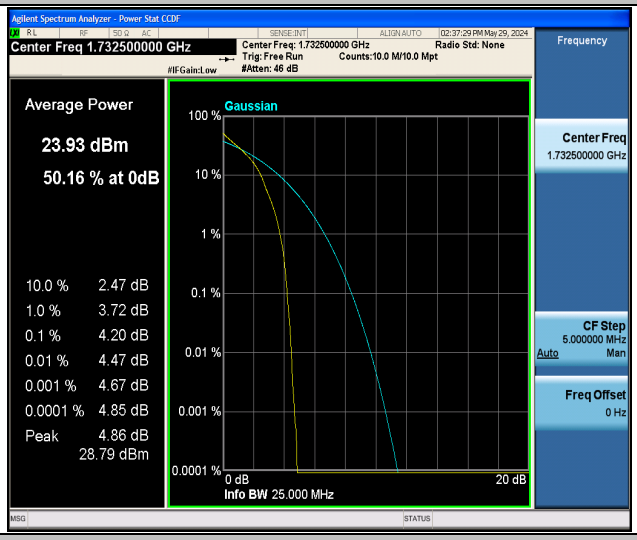

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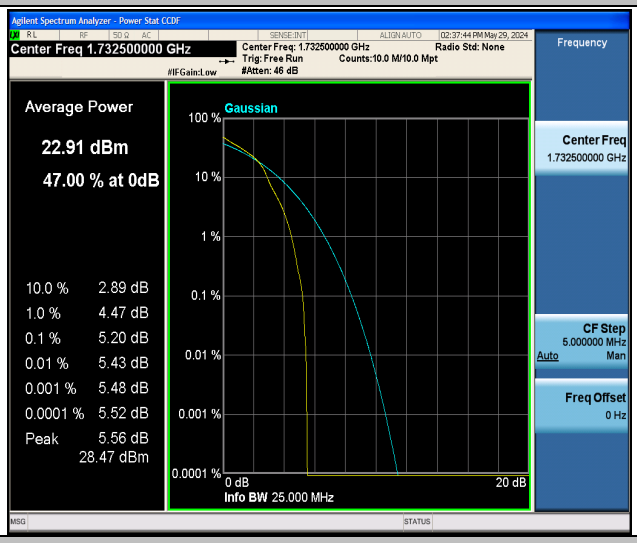

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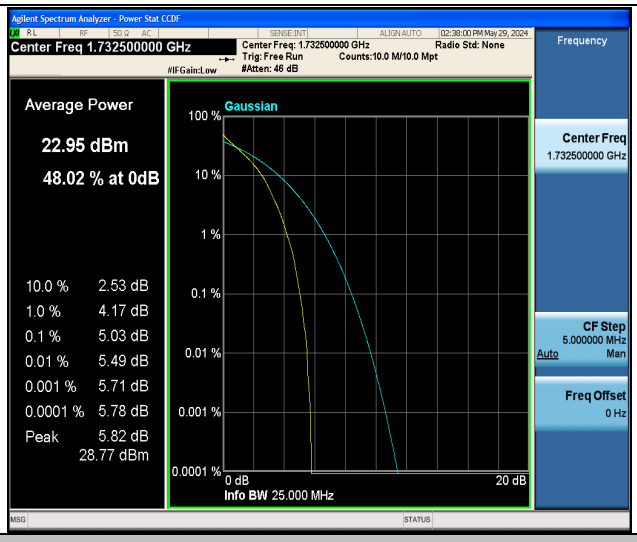

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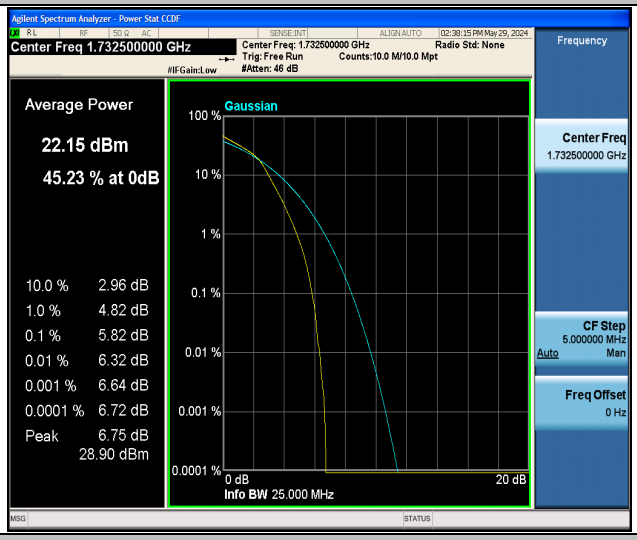

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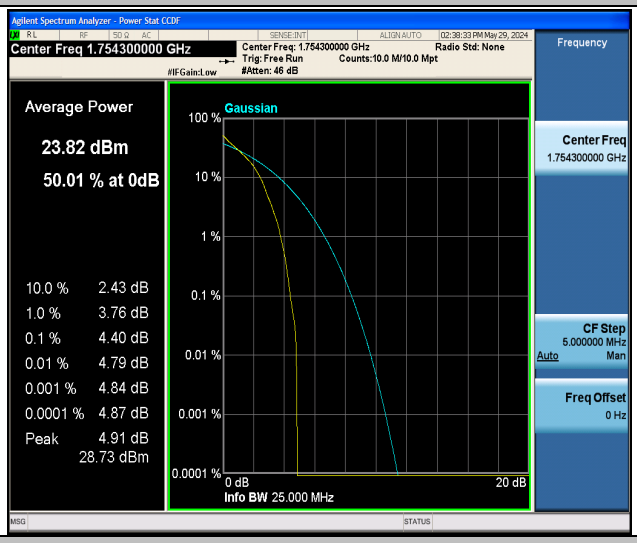

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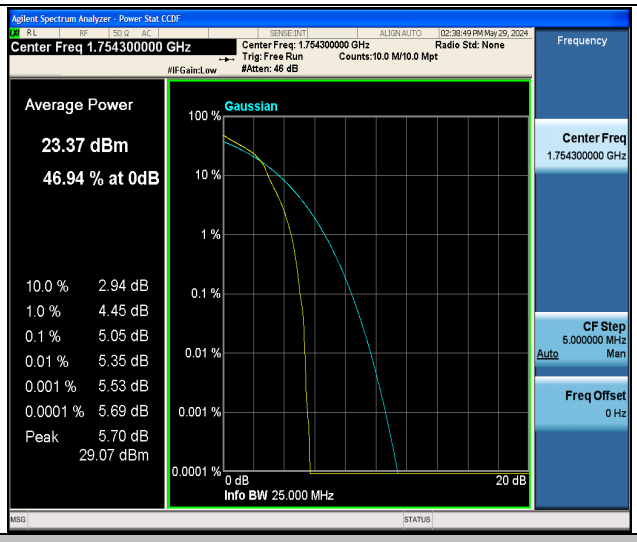

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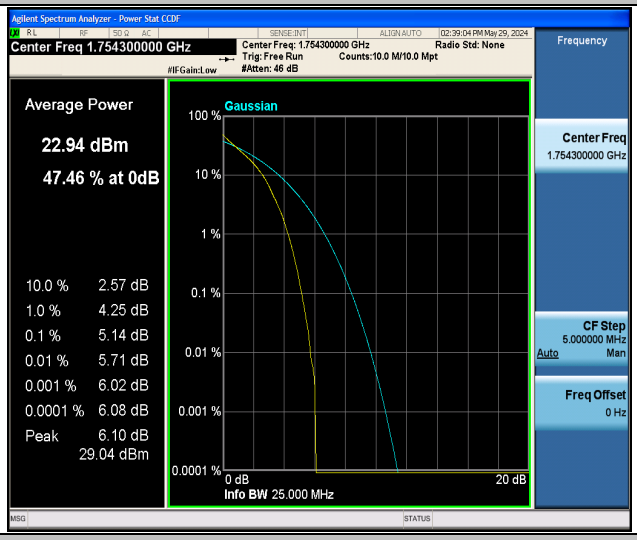

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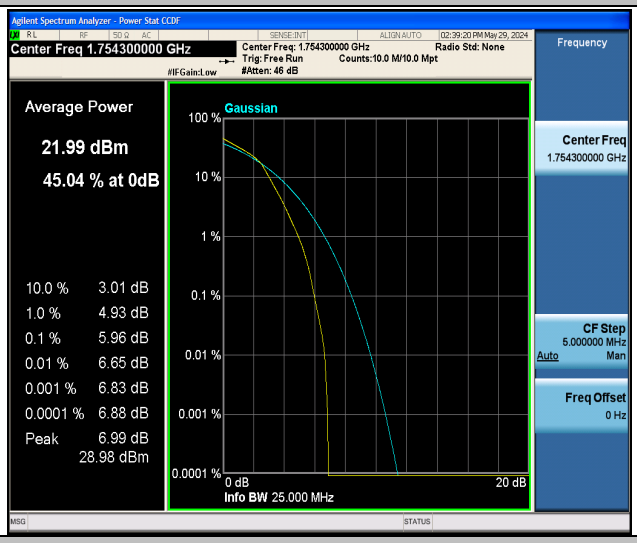

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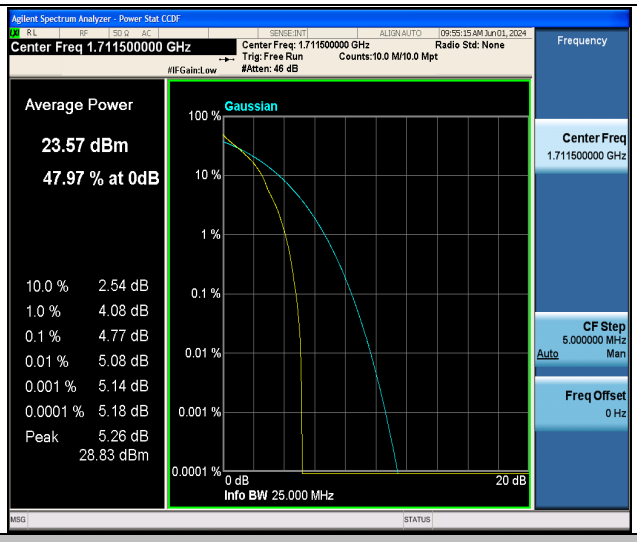

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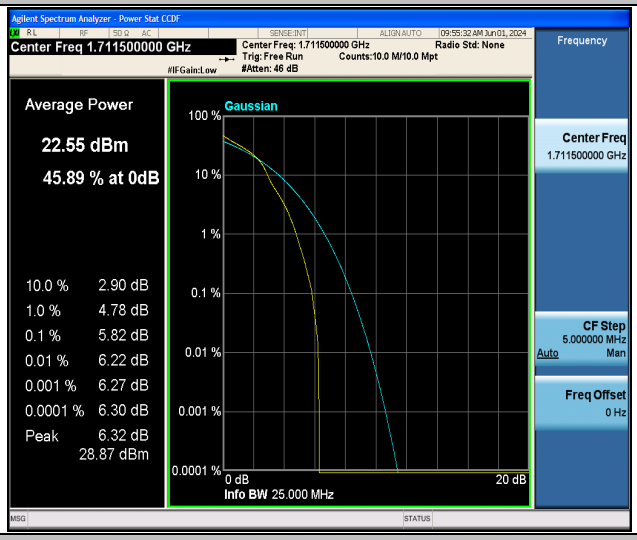

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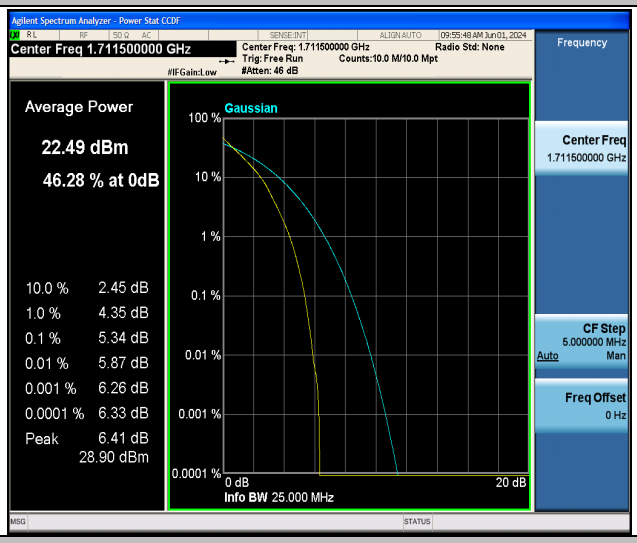

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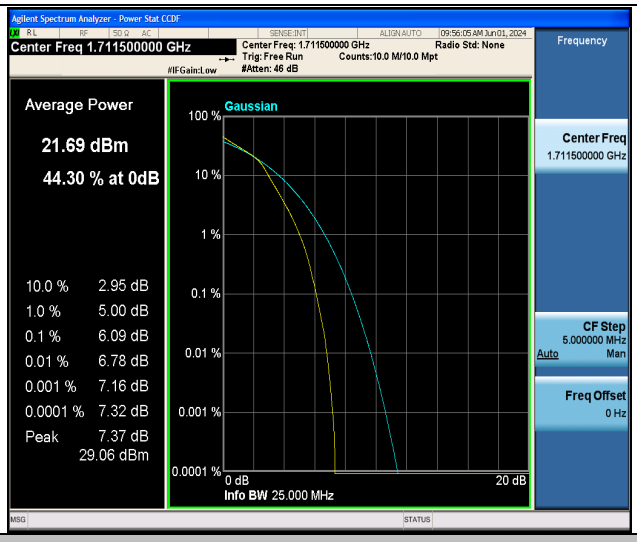

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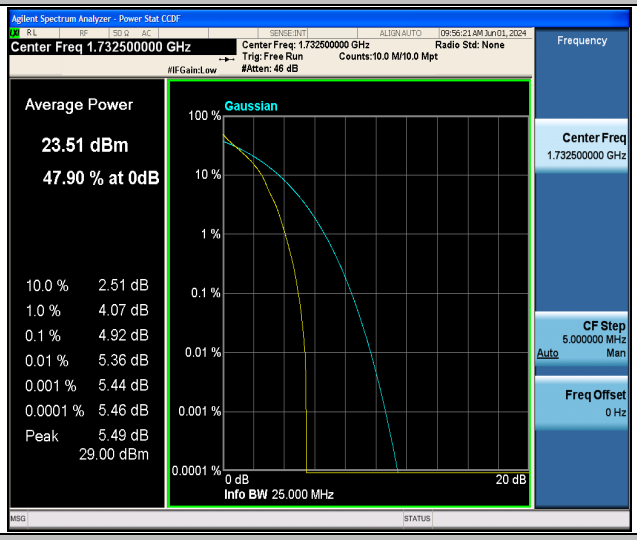

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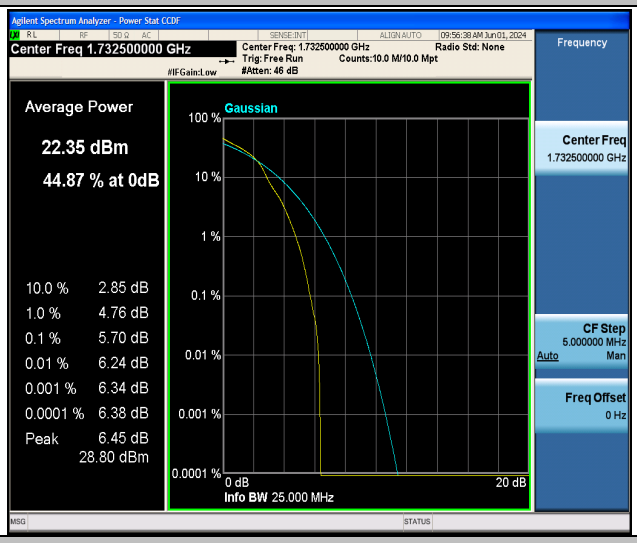

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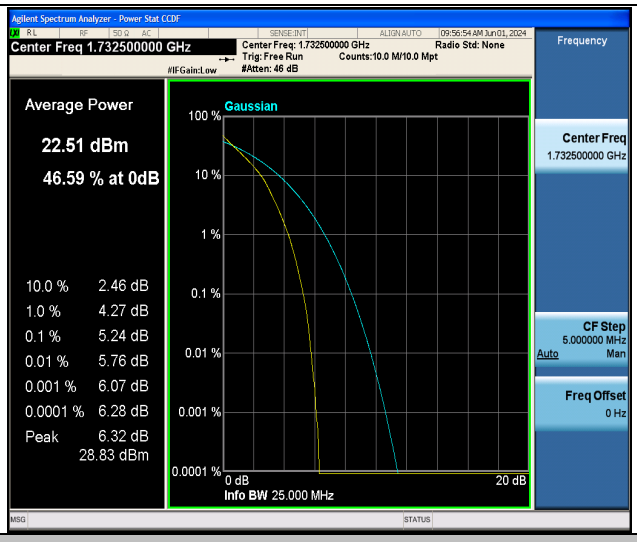

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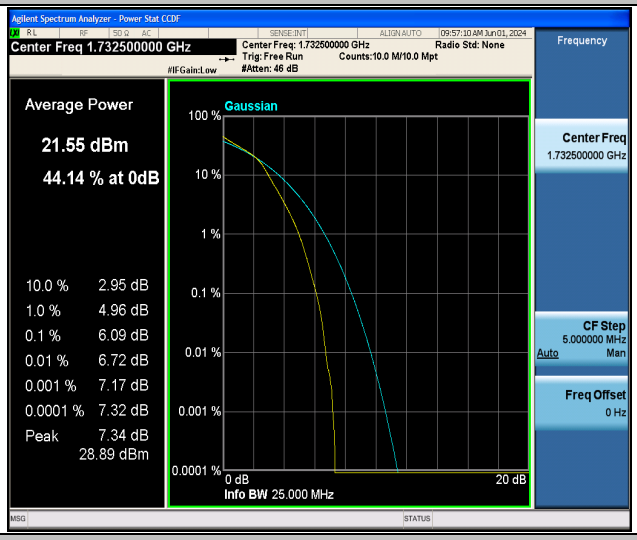

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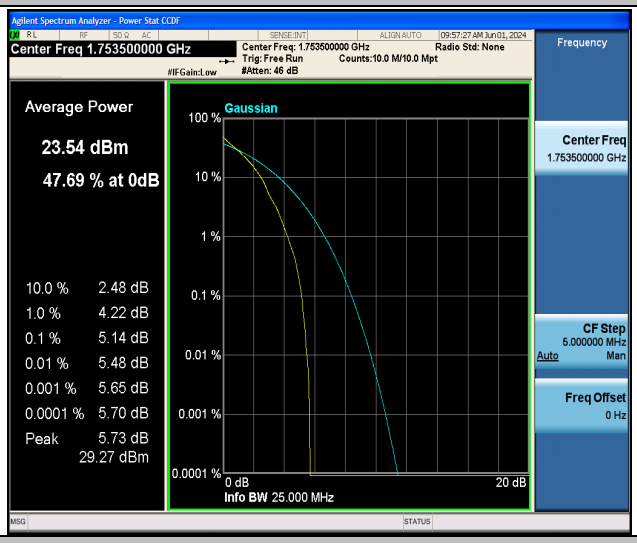

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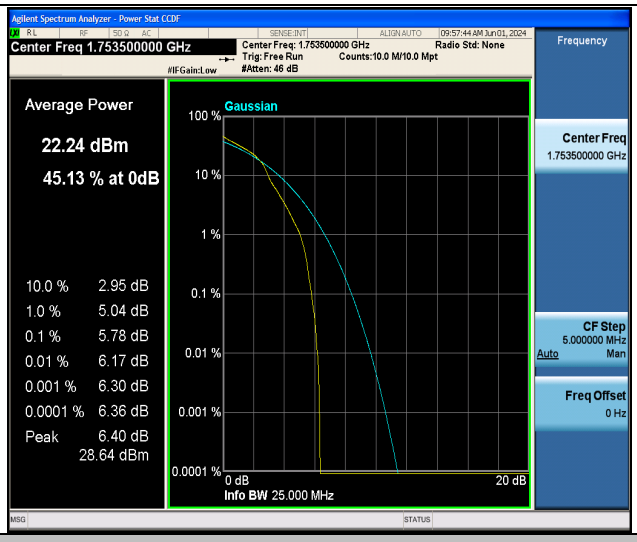

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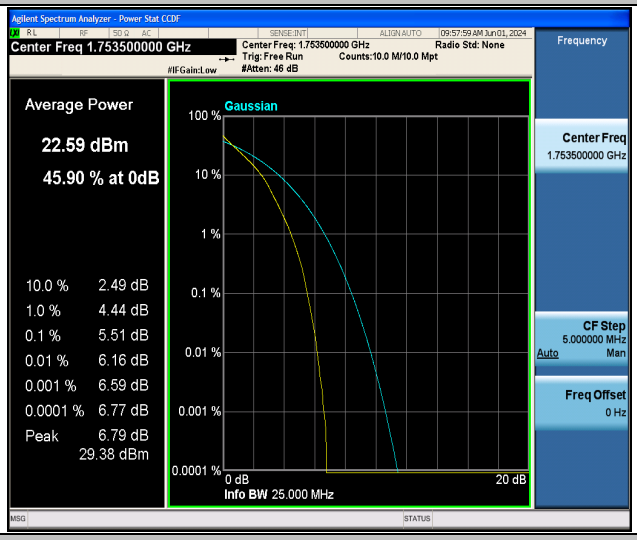

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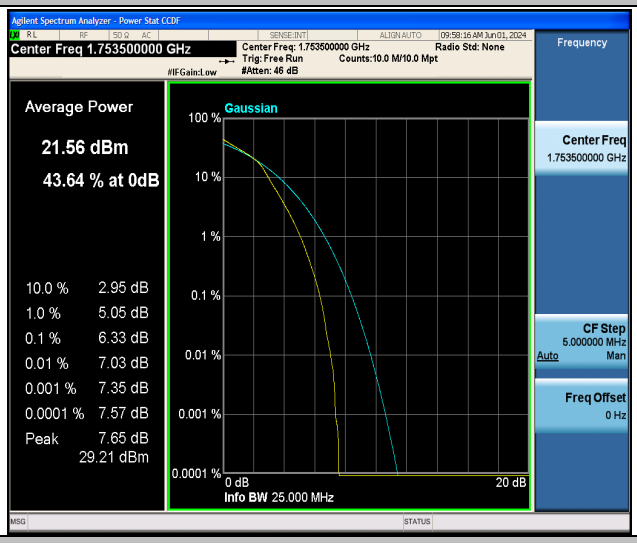

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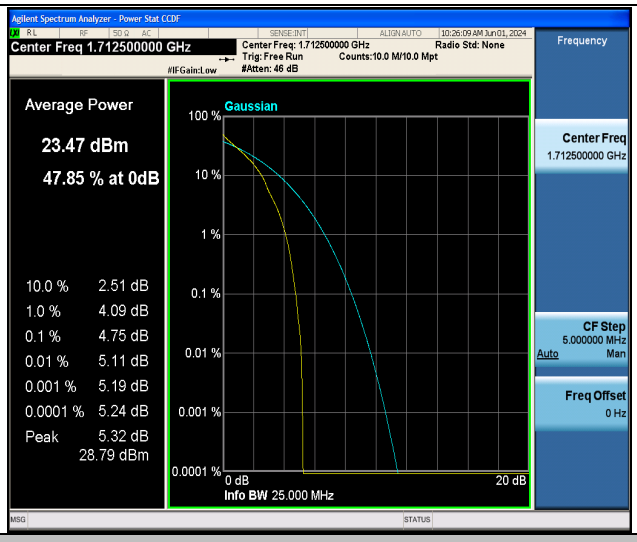

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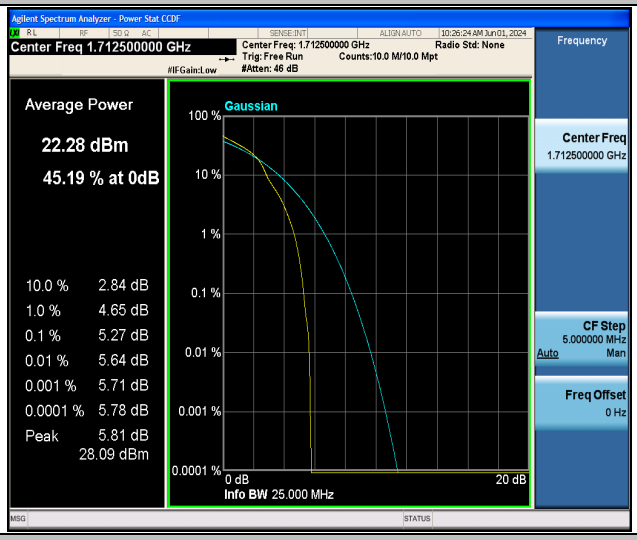

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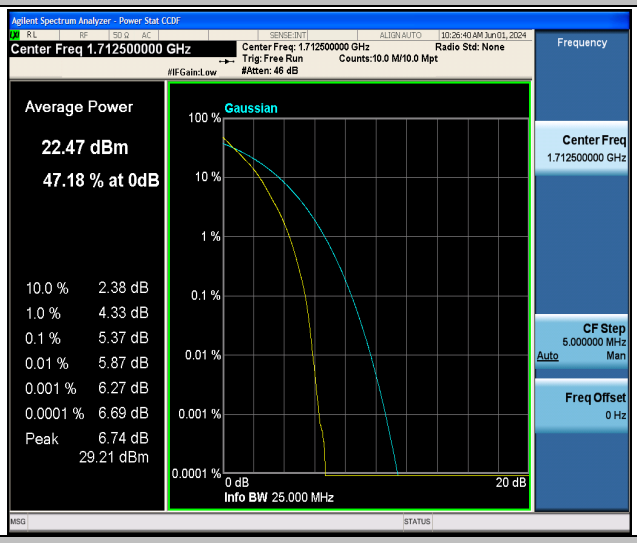

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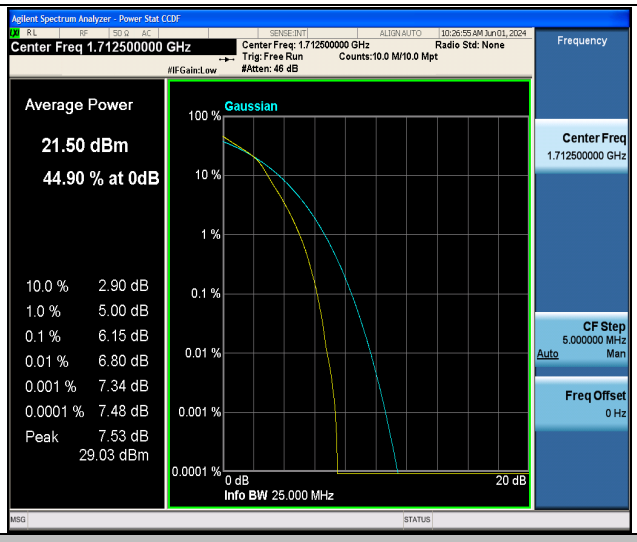

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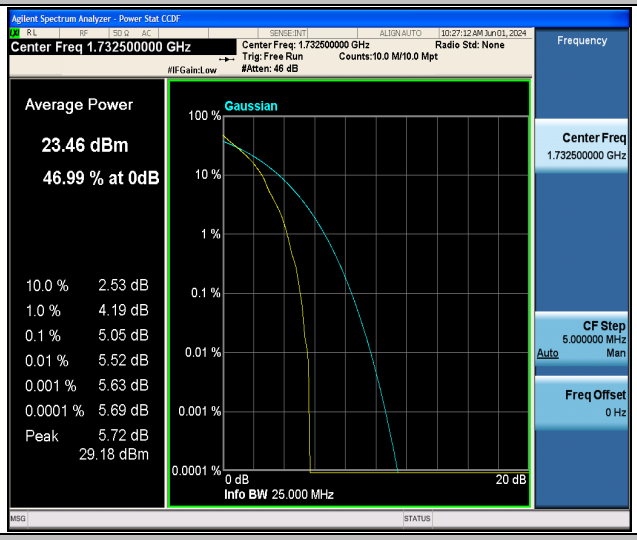

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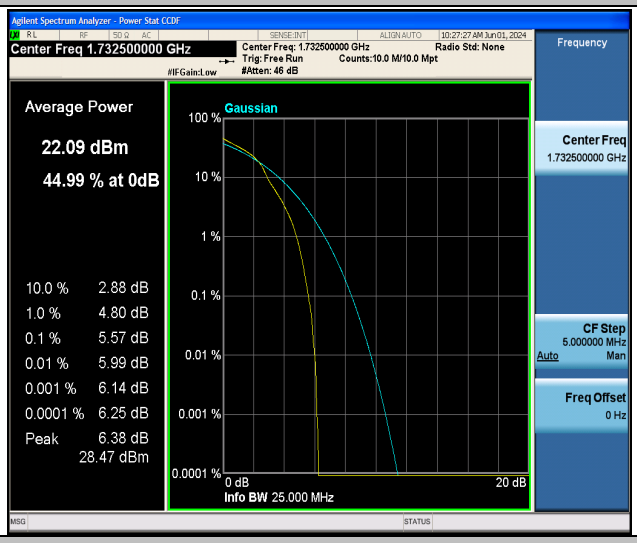

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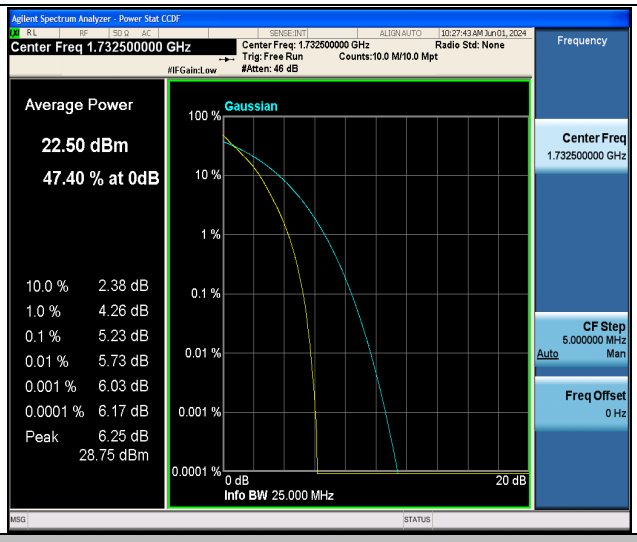

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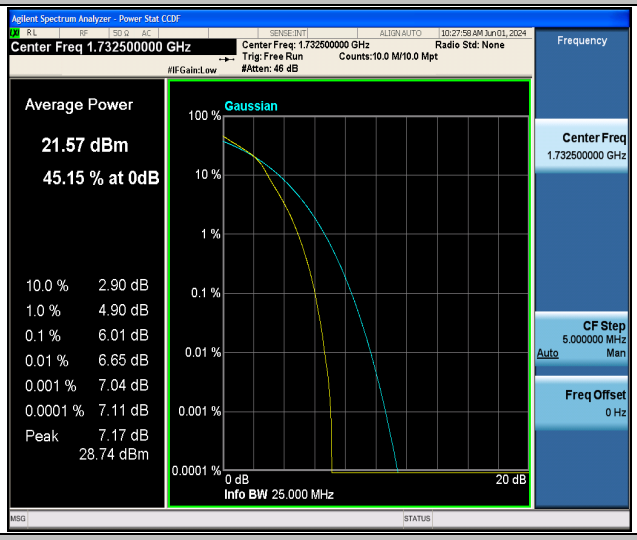

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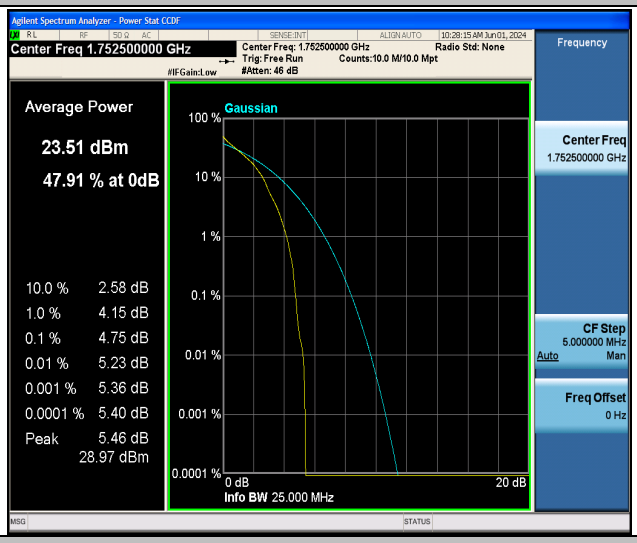

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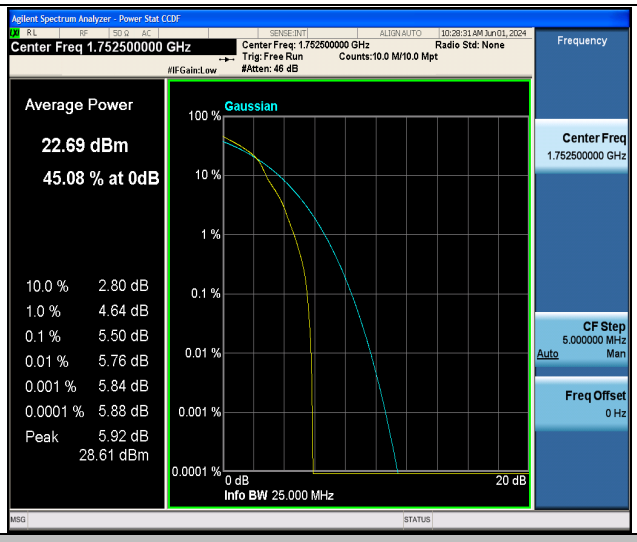

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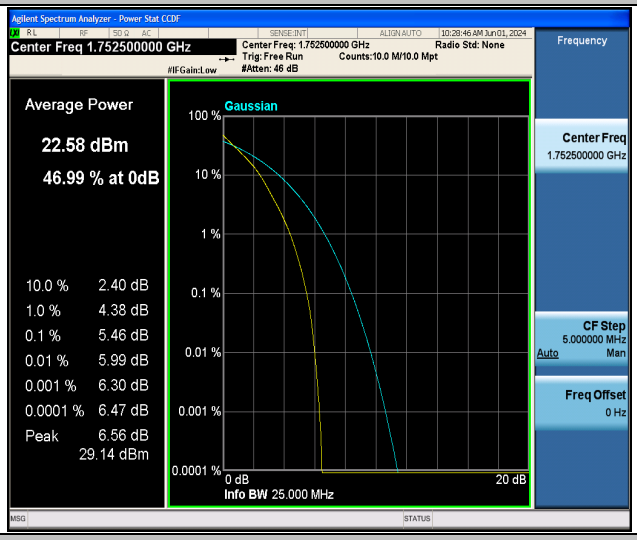

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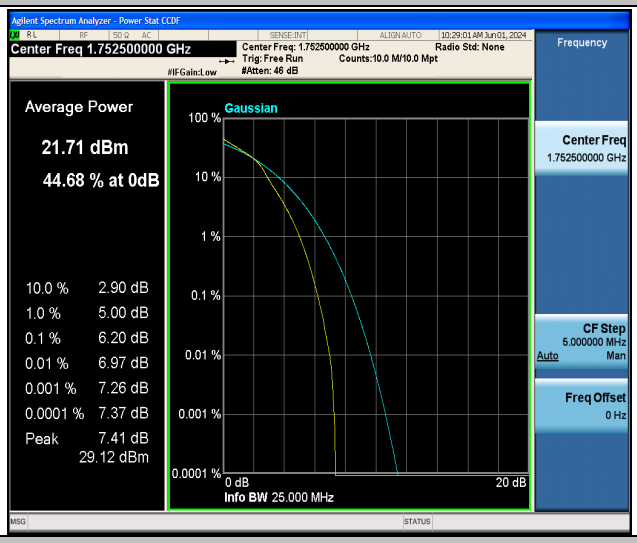

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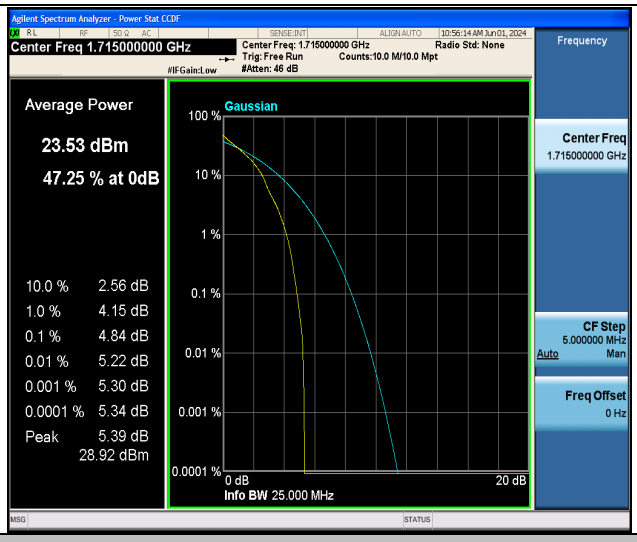
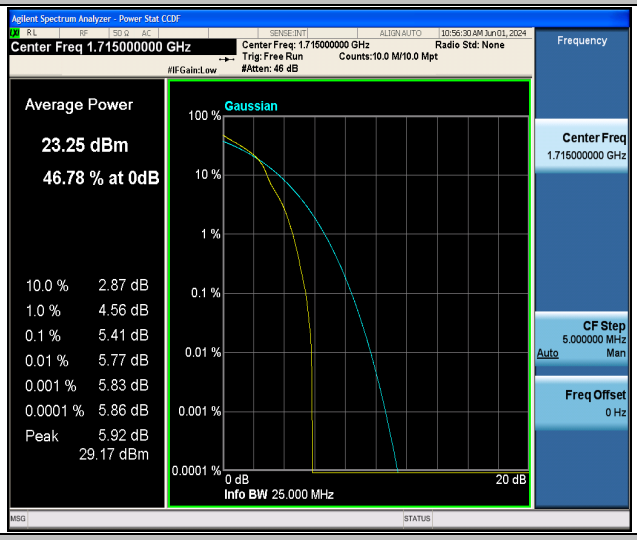
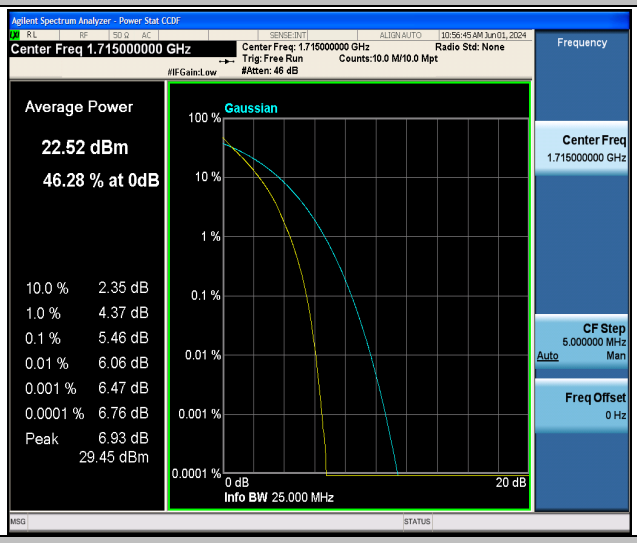


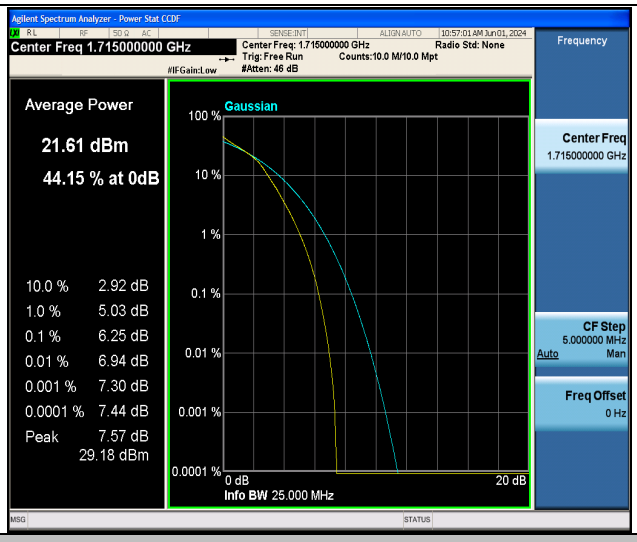
Band4-10MHz-QPSK-20000-1RB#0-PASS



Band4-10MHz-16QAM-20000-1RB#0-PASS



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



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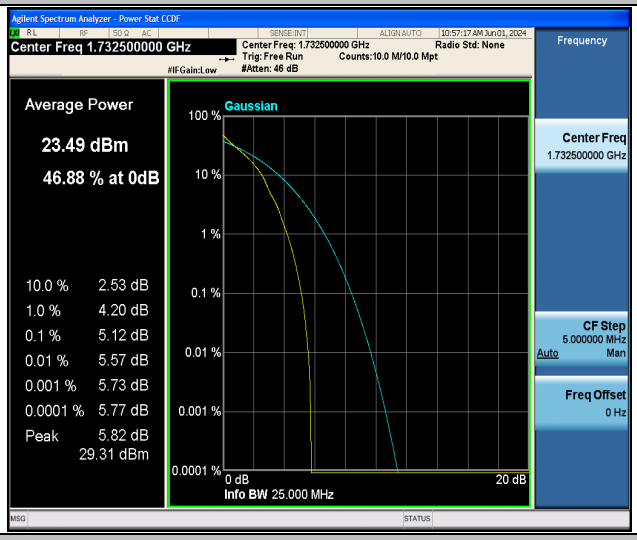
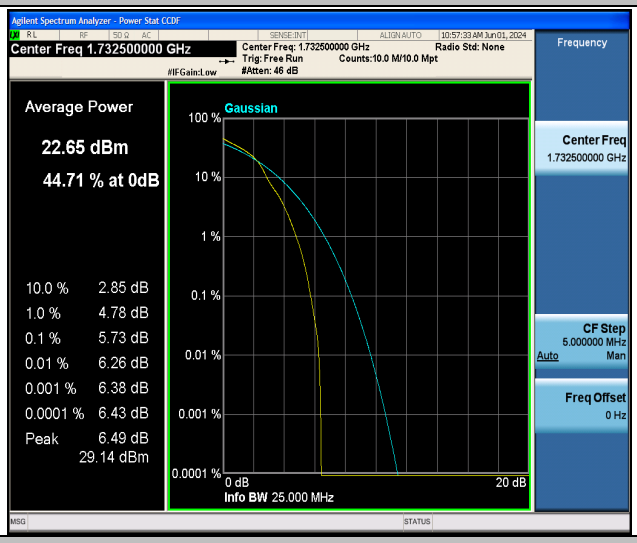


Band4-10MHz-QPSK-20175-1RB#0-PASS



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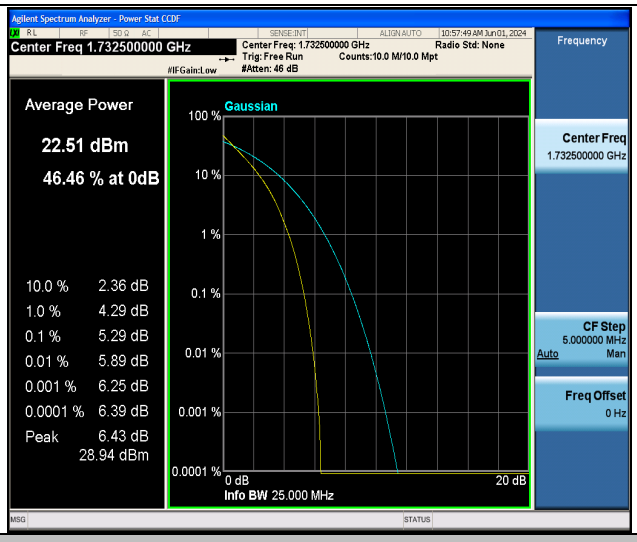

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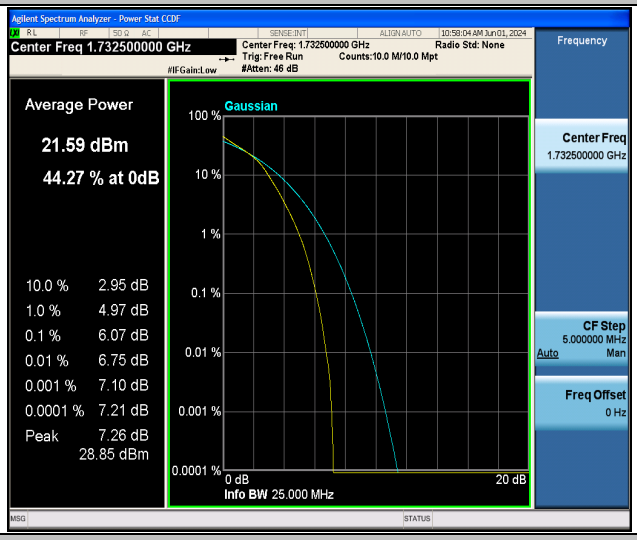

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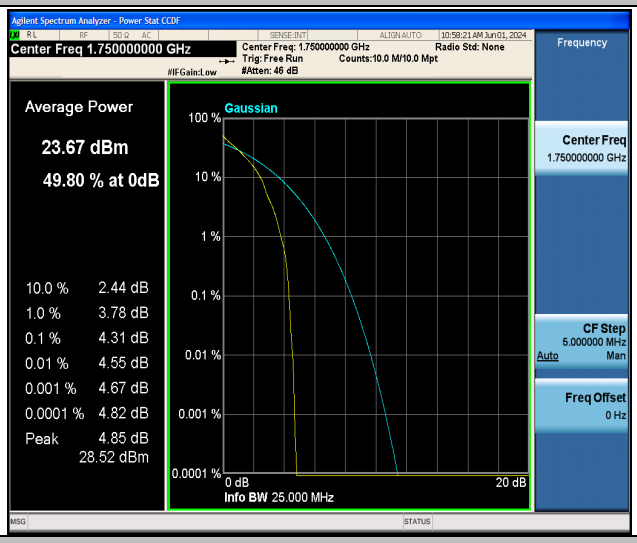
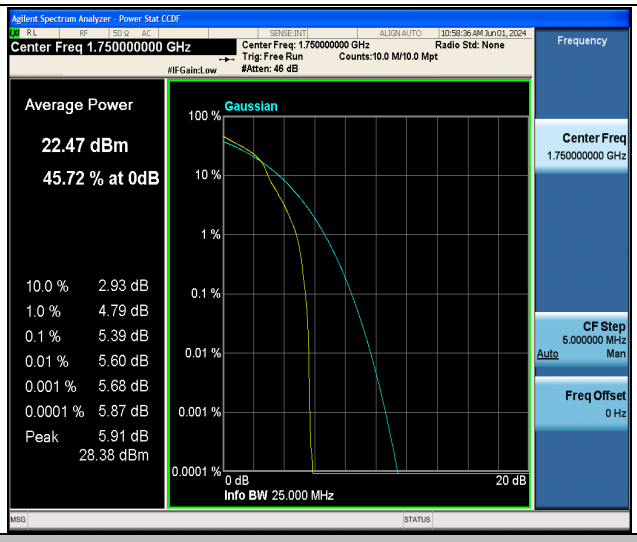
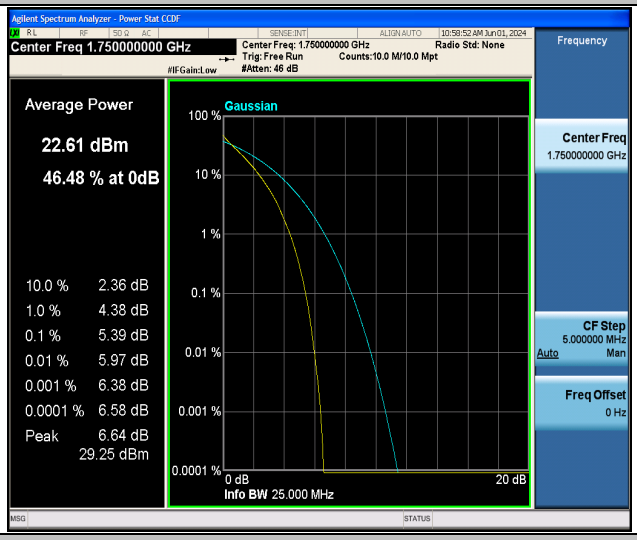


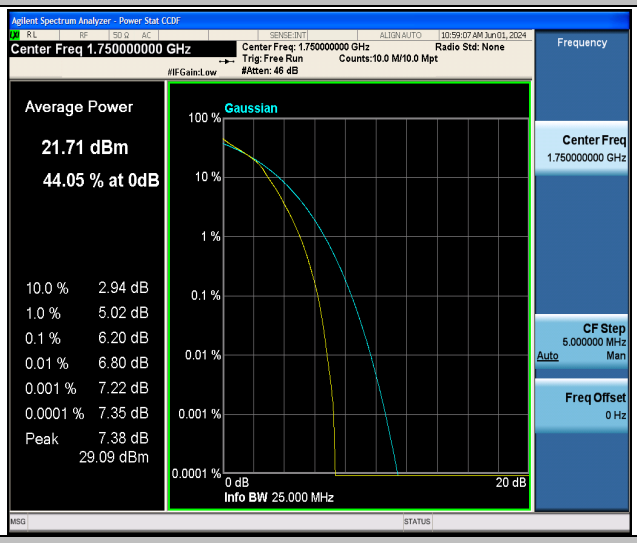
Band4-10MHz-QPSK-20350-1RB#0-PASS



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



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



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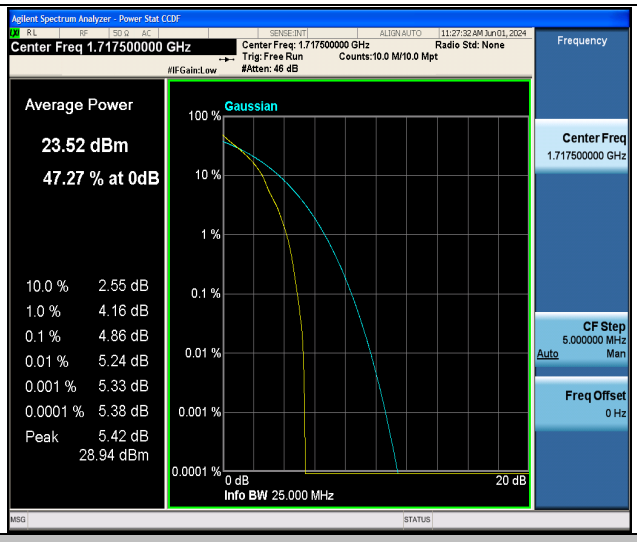

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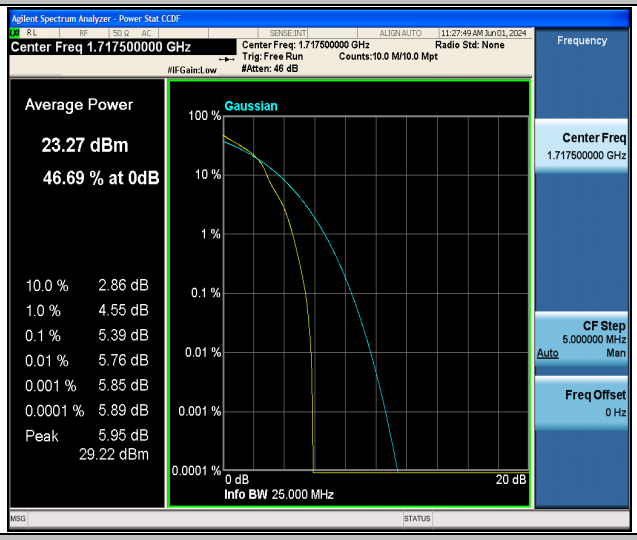
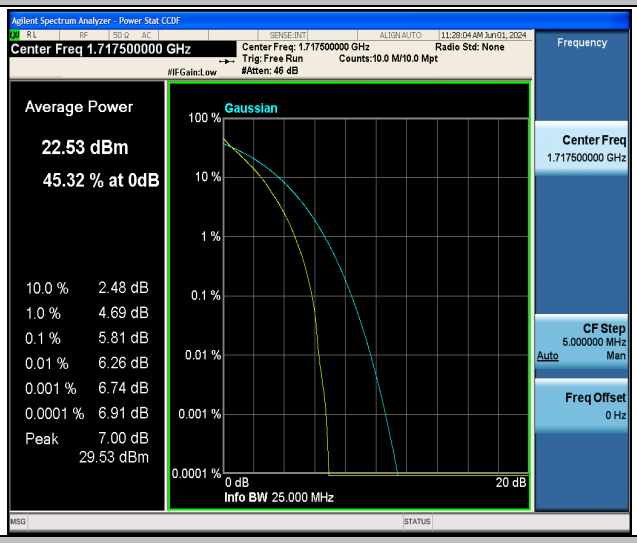
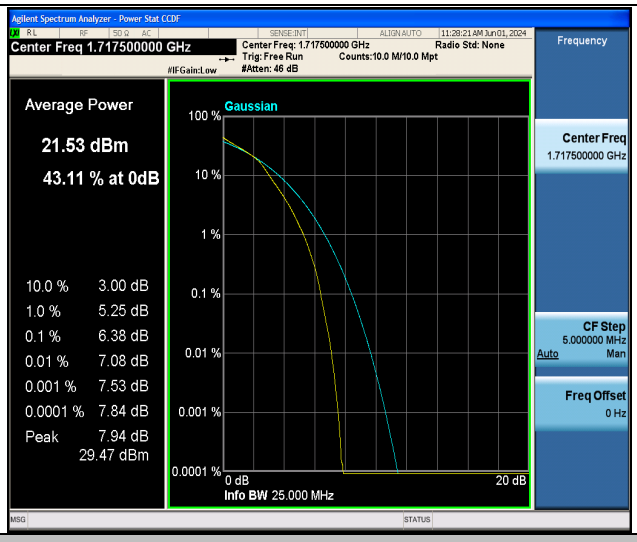


Band4-15MHz-16QAM-20025-1RB#0-PASS



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



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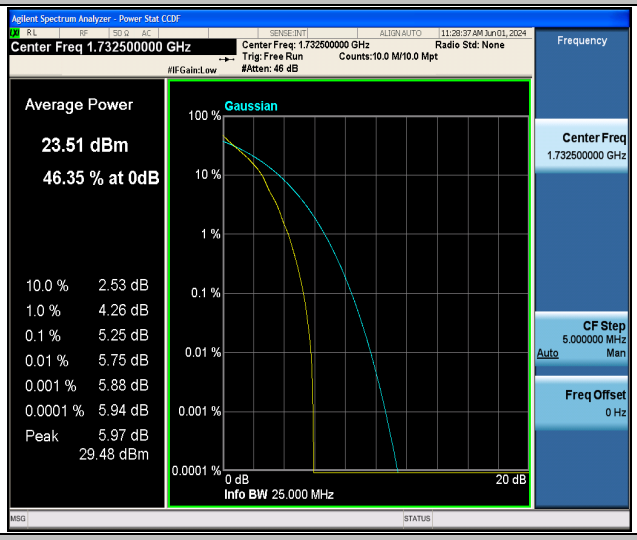

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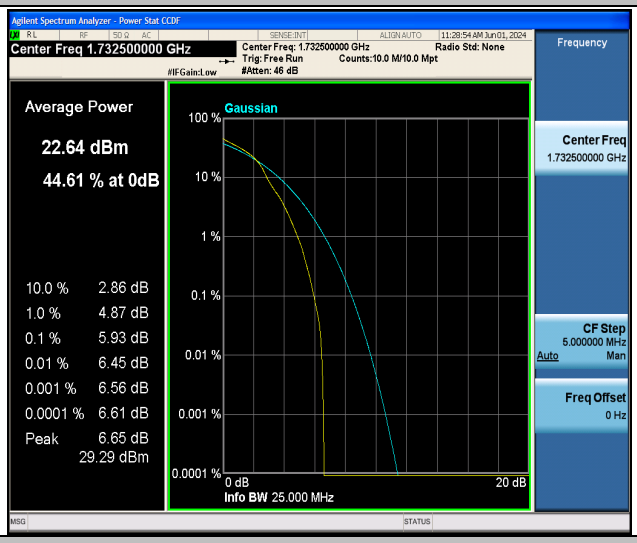

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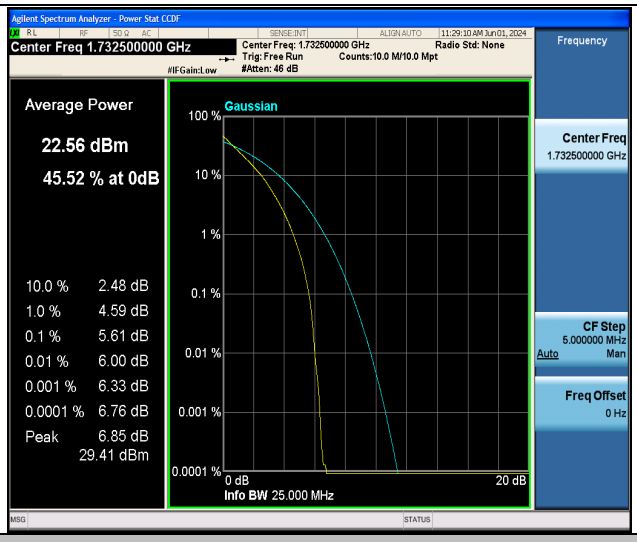
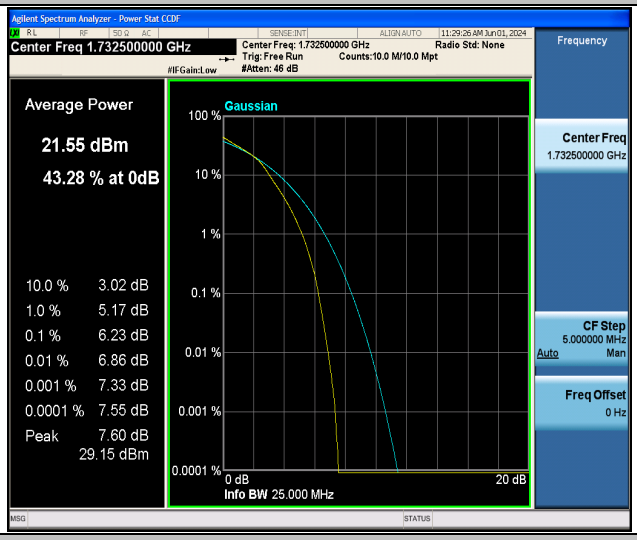


Band4-15MHz-QPSK-20175-75RB#0-PASS



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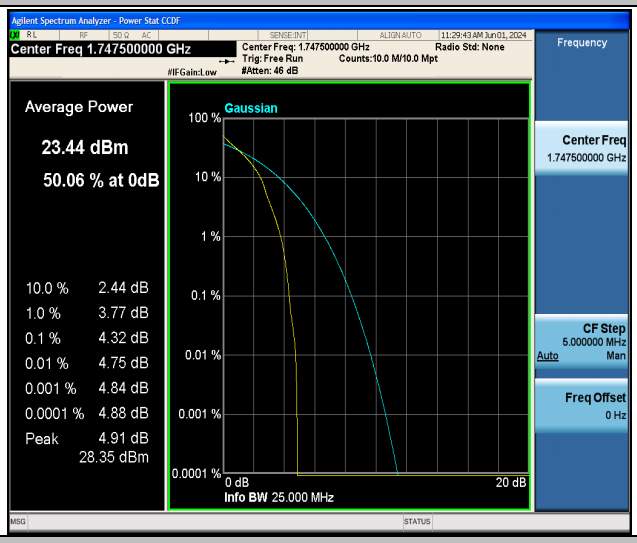

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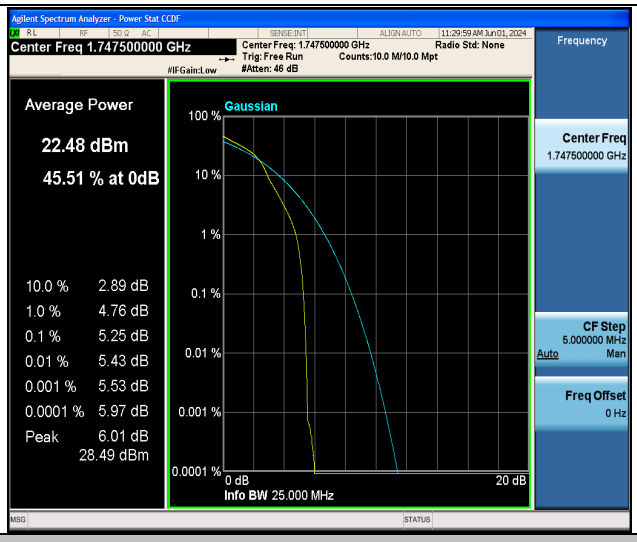
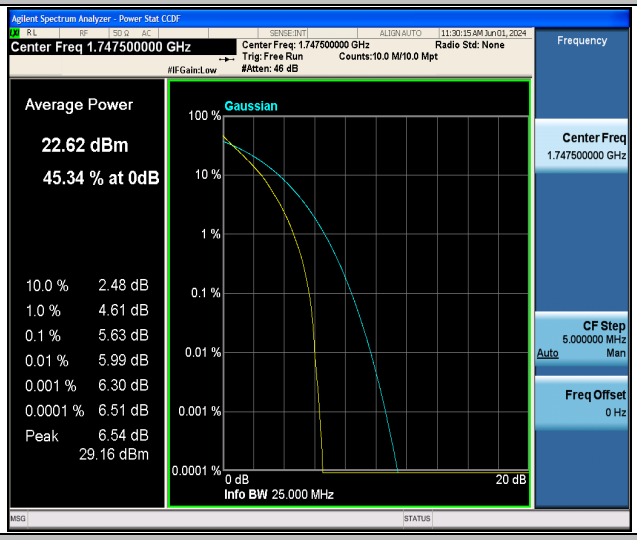
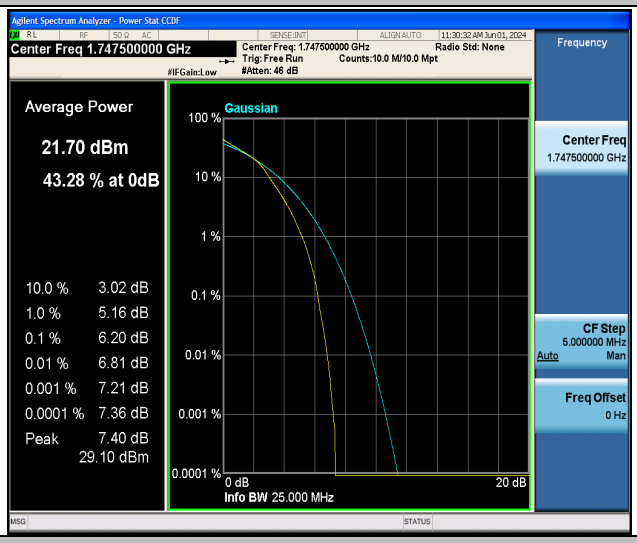


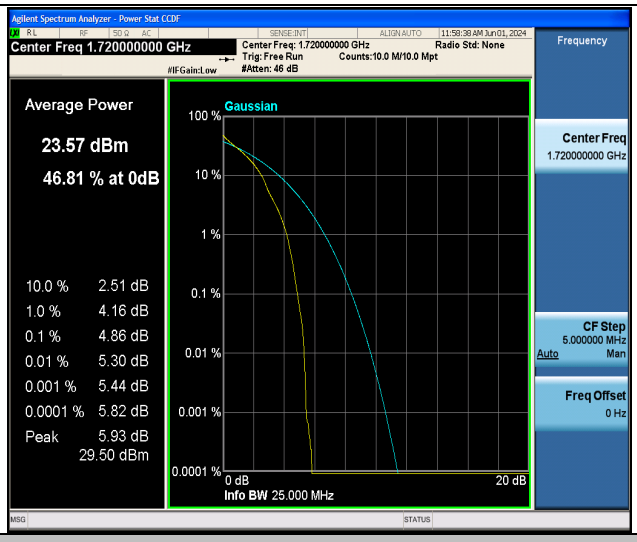
Band4-15MHz-16QAM-20325-1RB#0-PASS



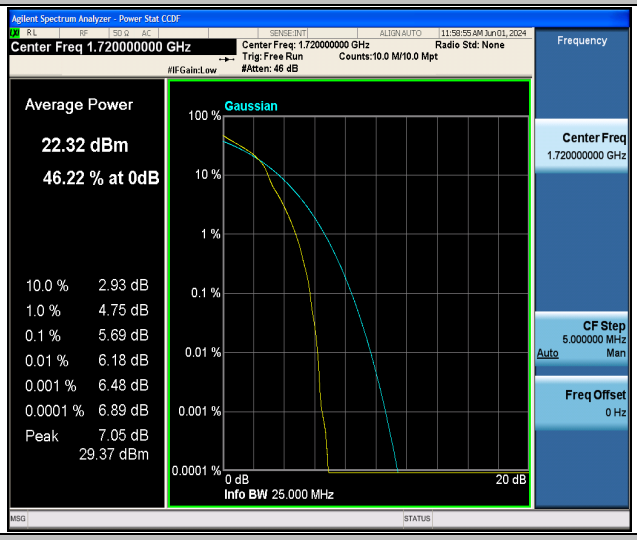
Band4-15MHz-QPSK-20325-75RB#0-PASS



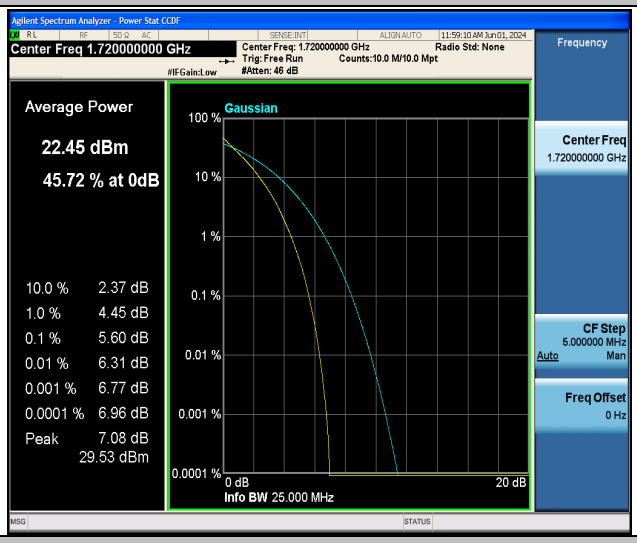
Band4-15MHz-16QAM-20325-75RB#0-PASS



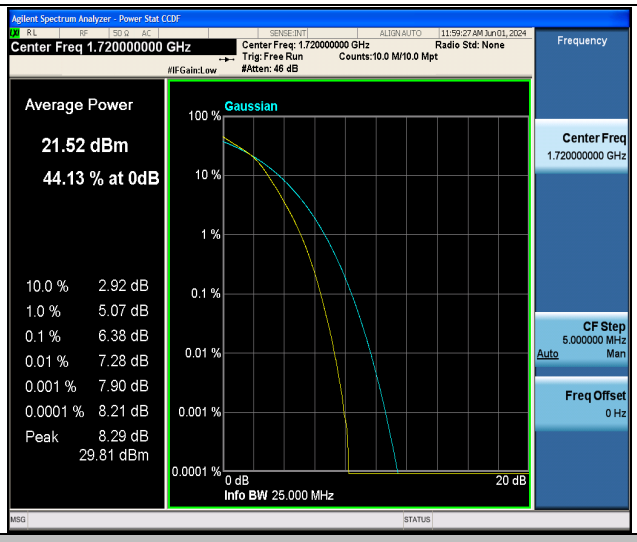
Band4-20MHz-QPSK-20050-1RB#0-PASS



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



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



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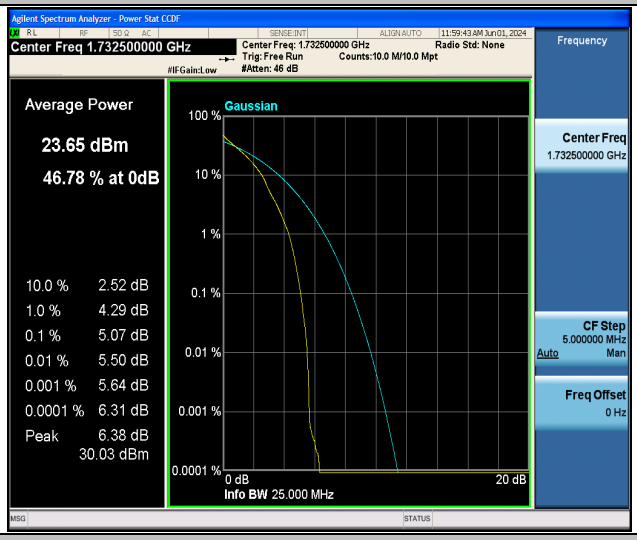
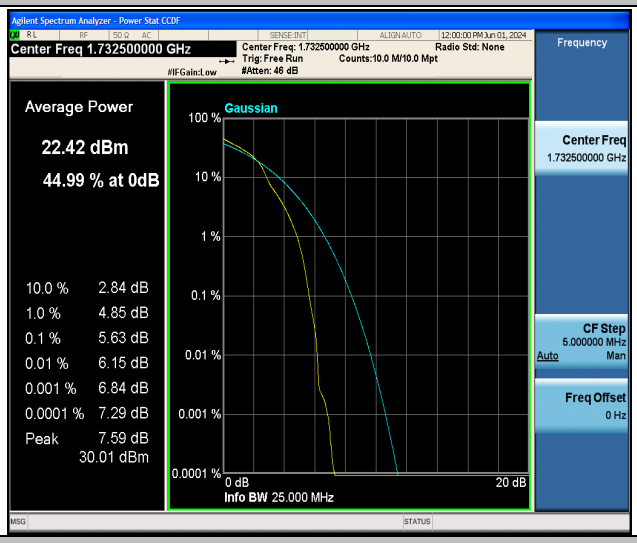


Band4-20MHz-QPSK-20175-1RB#0-PASS



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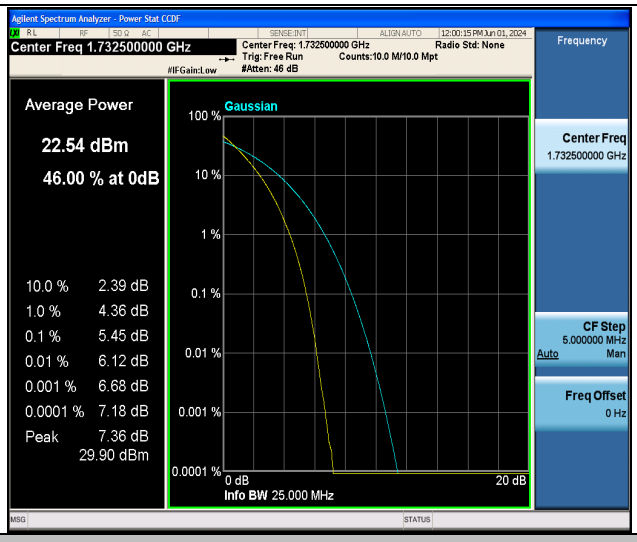

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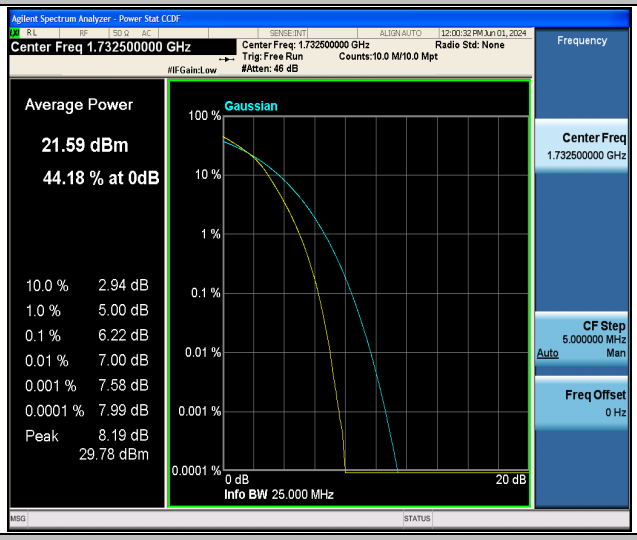
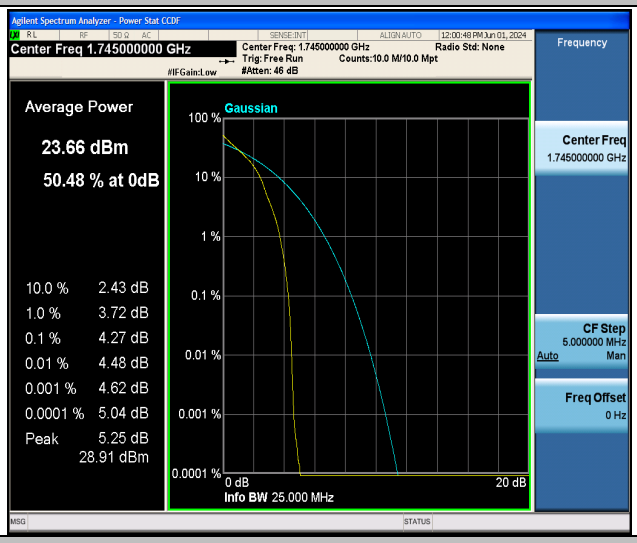
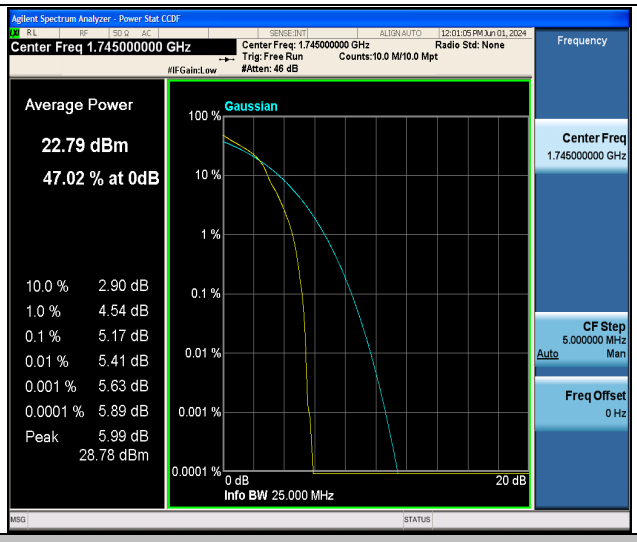


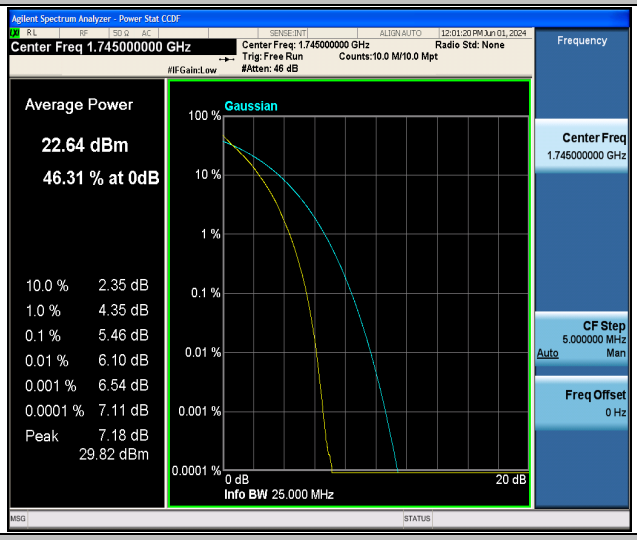
Band4-20MHz-16QAM-20175-100RB#0-PASS



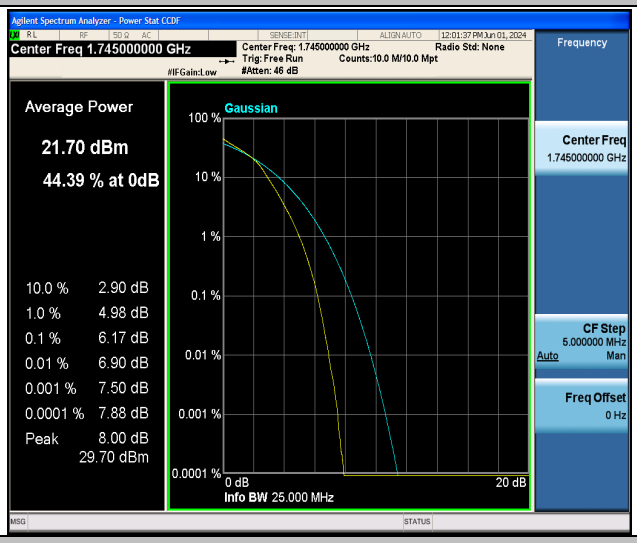
Band4-20MHz-QPSK-20300-1RB#0-PASS



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



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



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

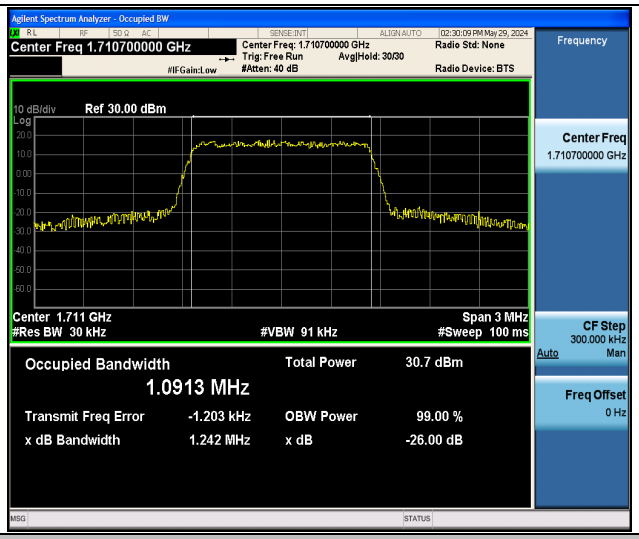
1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0913	1.242	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1008	1.250	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0954	1.244	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0988	1.251	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0993	1.249	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0909	1.242	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7154	3.024	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6961	3.024	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7026	3.021	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7052	3.040	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7155	3.032	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7058	3.029	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5064	4.965	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4995	4.964	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4950	4.961	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5147	4.975	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5112	5.001	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5270	4.998	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9839	9.868	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9730	9.916	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0044	9.910	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9947	9.930	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9789	9.851	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0101	9.955	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.503	14.97	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.494	14.95	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.484	14.96	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.511	14.98	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.463	14.84	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.507	14.98	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.994	19.74	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.038	19.71	PASS

Band4	20MHz	QPSK	20175	100RB#0	18.022	19.81	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.004	19.70	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.974	19.58	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.013	19.85	PASS

Test Graphs

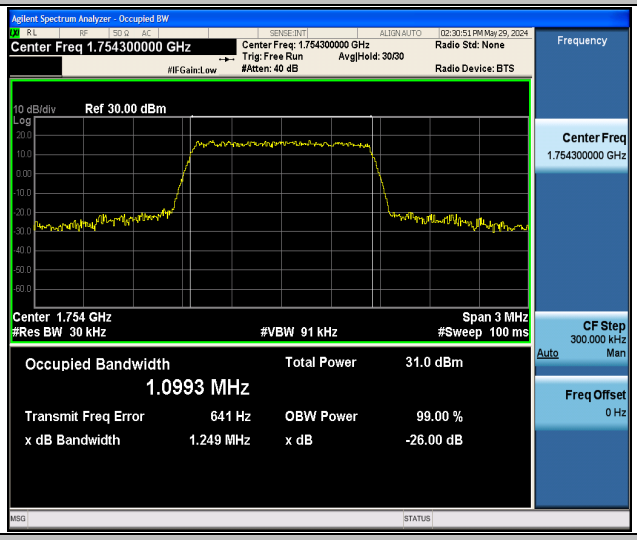


Band4-1.4MHz-QPSK-19957-6RB#0-PASS

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

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

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



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

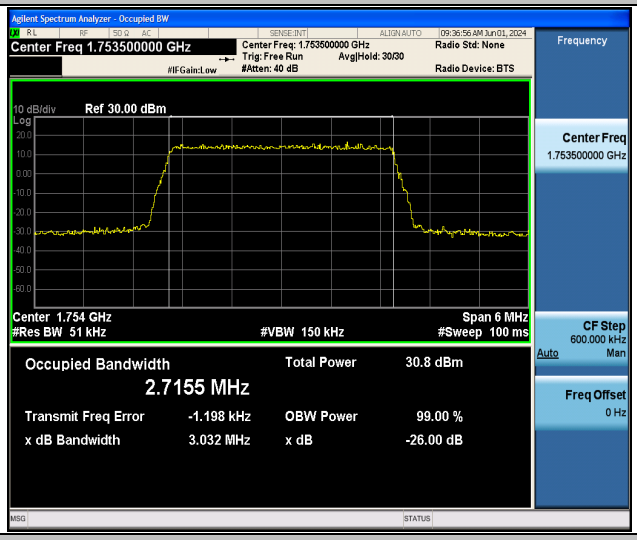
Band4-1.4MHz-16QAM-20393-6RB#0-PASS

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

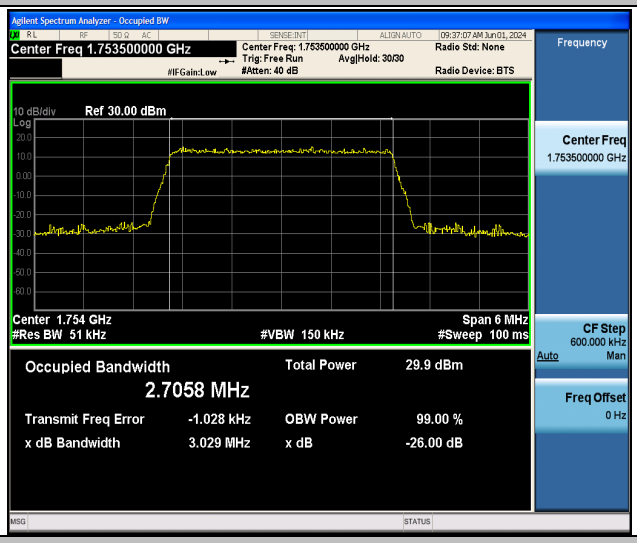
Band4-3MHz-16QAM-19965-15RB#0-PASS

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