Appendix I: Test Data for E-UTRA Band 4

Product Name: Mobile phone

Test Model: F31tx

Environmental Conditions

Temperature:	23.9° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
Supervised by:	Nick Peng

I.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	20.86	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	19.99	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	20.88	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.03	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	20.90	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	19.99	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	20.79	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	19.89	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	20.81	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	19.93	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	20.79	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	19.86	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	19.91	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.29	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.53	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.24	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.55	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.21	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.56	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.28	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.48	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.47	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.61	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.46	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.56	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.59	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.69	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.97	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.53	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.95	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.57	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.09	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.92	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.03	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.12	PASS

Band4	1.4MHz	QPSK	20393	3RB#1	21.98	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.13	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.01	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.60	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.98	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.27	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.11	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.29	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.18	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.26	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.03	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.24	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.43	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.75	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.36	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.75	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.35	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.72	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.24	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.54	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.26	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.83	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.20	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.81	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.19	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.80	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.44	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.68	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.36	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.67	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.32	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.77	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.35	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.41	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.05	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.31	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.07	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.29	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.08	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.34	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.23	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.57	PASS

Band4	3MHz	QPSK	20385	8RB#4	22.25	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.49	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.23	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.47	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.41	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.17	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.89	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.10	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.88	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.19	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.85	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.44	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.54	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.45	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.53	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.30	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.45	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.37	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.57	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.10	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.64	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.07	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.61	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.32	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.28	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.44	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.64	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.43	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.64	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.46	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.69	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.40	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.63	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.14	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.92	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.13	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.87	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.16	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.84	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.40	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.47	PASS

Band4	5MHz	QPSK	20375	12RB#6	22.34	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.47	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.36	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.49	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.28	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.54	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.07	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.30	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.99	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.29	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.02	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.23	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.25	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.42	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.28	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.42	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.21	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.43	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.33	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.41	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.20	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.22	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.11	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.64	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.37	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.64	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.34	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.64	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.31	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.67	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.36	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.52	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.96	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.85	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.90	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.71	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.07	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.37	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.27	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.54	PASS

Band4	10MHz	QPSK	20350	25RB#12	22.20	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.48	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.25	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.41	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.21	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.48	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.07	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.33	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.99	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.21	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.04	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.19	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.37	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.28	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.30	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.36	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.36	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.36	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.35	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.46	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.28	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.49	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.33	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.21	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.76	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.11	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.37	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.36	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.35	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.35	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.35	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.35	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.35	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.63	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.98	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.66	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.98	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.57	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.53	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.37	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.37	PASS

Band4	15MHz	QPSK	20325	38RB#18	22.38	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.26	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.27	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.27	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.27	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.47	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.08	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.18	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.24	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.38	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.28	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.30	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.55	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.34	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.55	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.31	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.58	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.40	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.54	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.21	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.94	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.16	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.92	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.27	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.79	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.46	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.64	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.42	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.63	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.36	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.64	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.38	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.66	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.22	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.95	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.14	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.95	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.18	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.85	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.36	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.70	PASS

Band4	20MHz	QPSK	20300	50RB#25	22.37	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.66	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.35	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.59	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.32	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.55	PASS

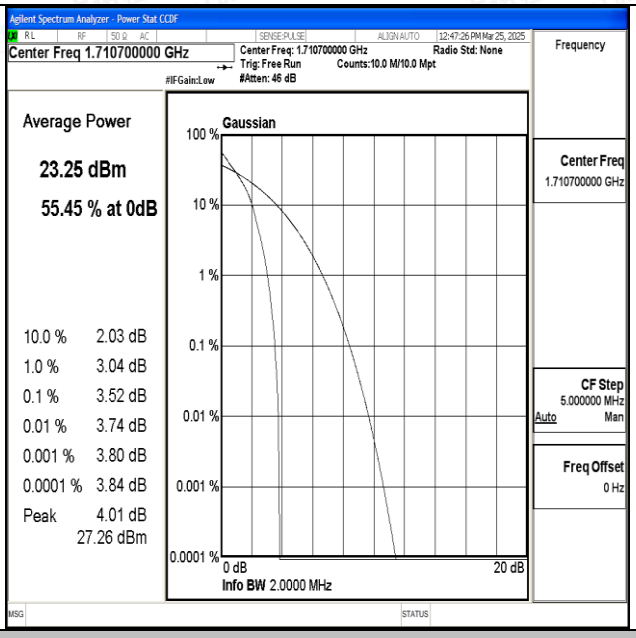
I.2 Peak-to-Average Ratio(CCDF)

Test Result

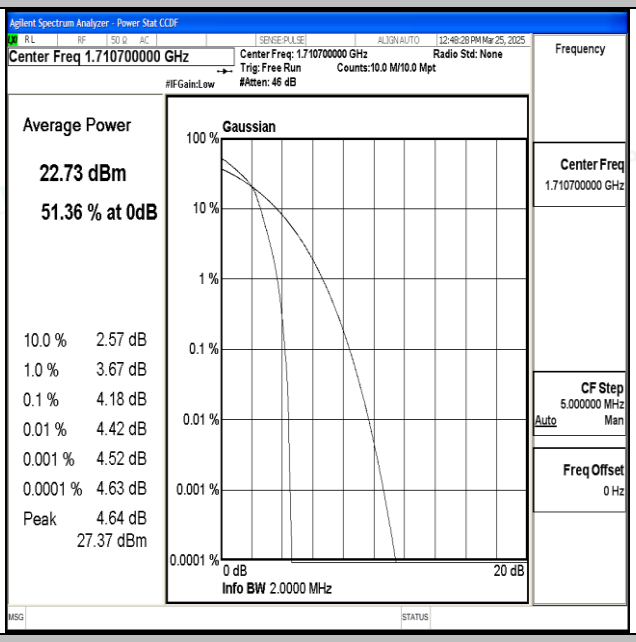
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	3.52	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.18	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.31	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.96	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.59	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.21	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.51	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.19	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.39	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.00	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.32	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.99	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.50	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.26	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.30	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	4.99	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.68	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.49	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.52	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.27	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.43	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.26	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.26	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.01	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.25	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.98	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.14	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.74	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.91	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.79	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	3.43	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.37	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.78	13	PASS

Band4	5MHz	16QAM	20375	25RB#0	5.38	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.53	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.26	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	3.88	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.59	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.96	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.65	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.13	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.07	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.78	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.40	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.53	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.27	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.26	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.74	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.02	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.71	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.25	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.75	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.41	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.13	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.00	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.51	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.27	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.09	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.04	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.68	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.95	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.59	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.96	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.66	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.33	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	3.91	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.72	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.34	13	PASS

Test Graphs



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



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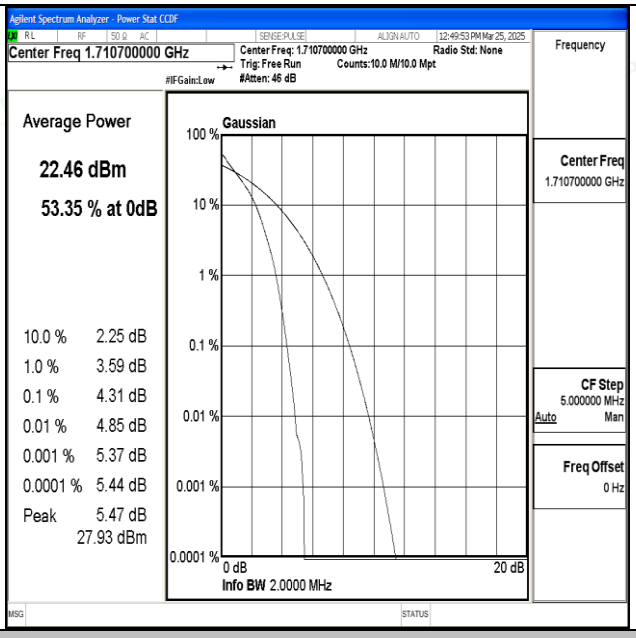

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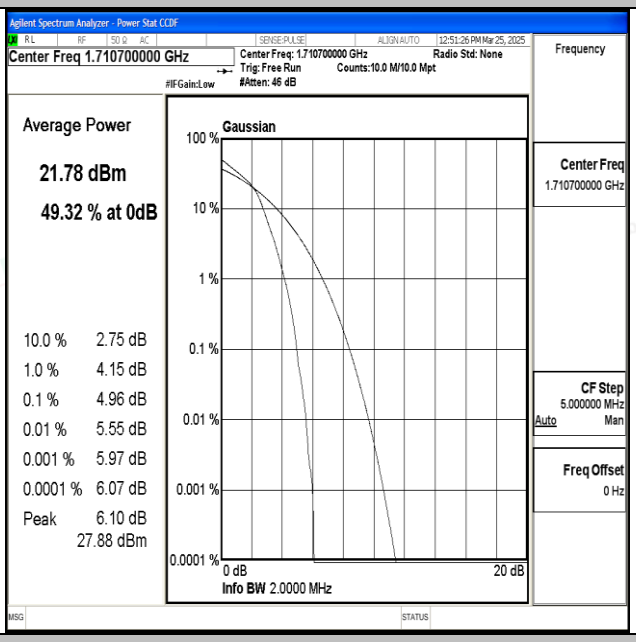

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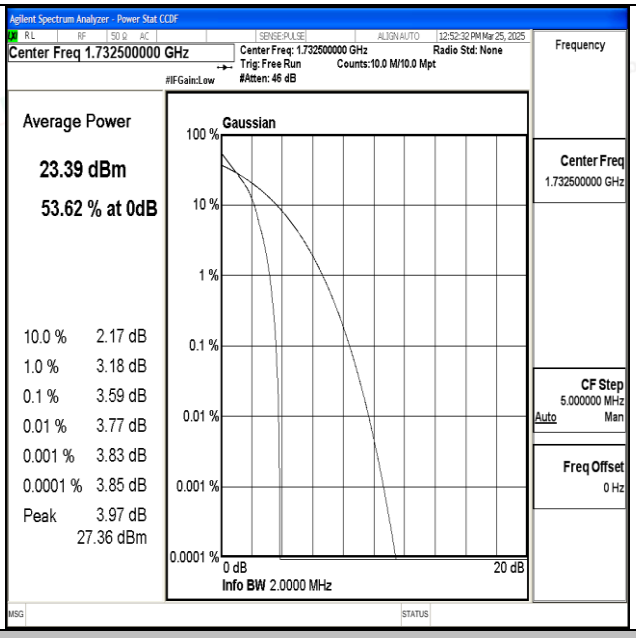

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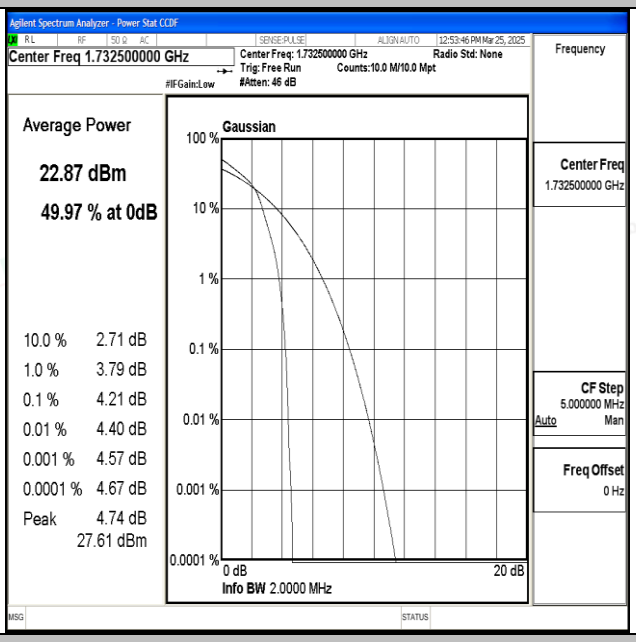

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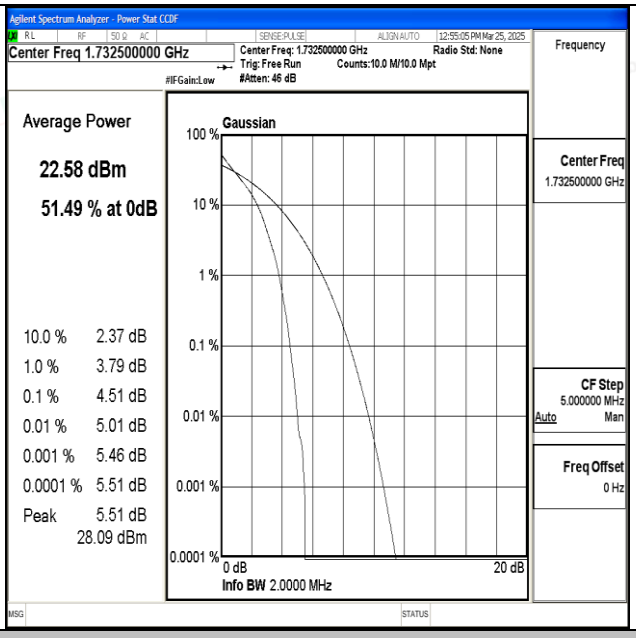

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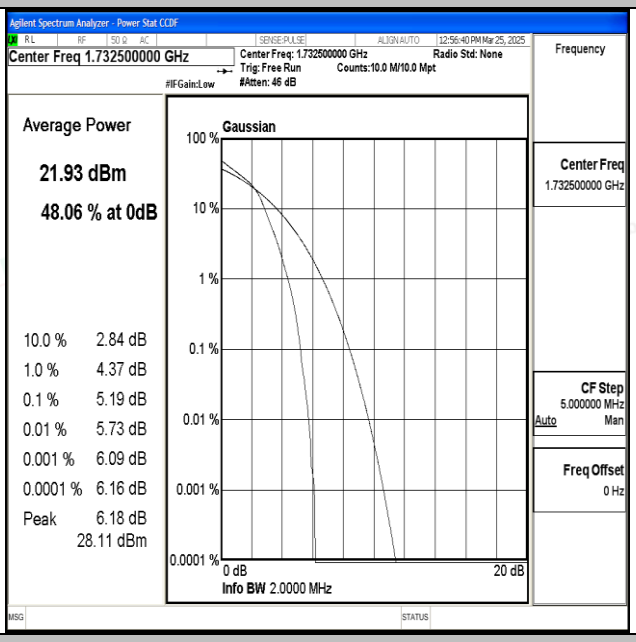

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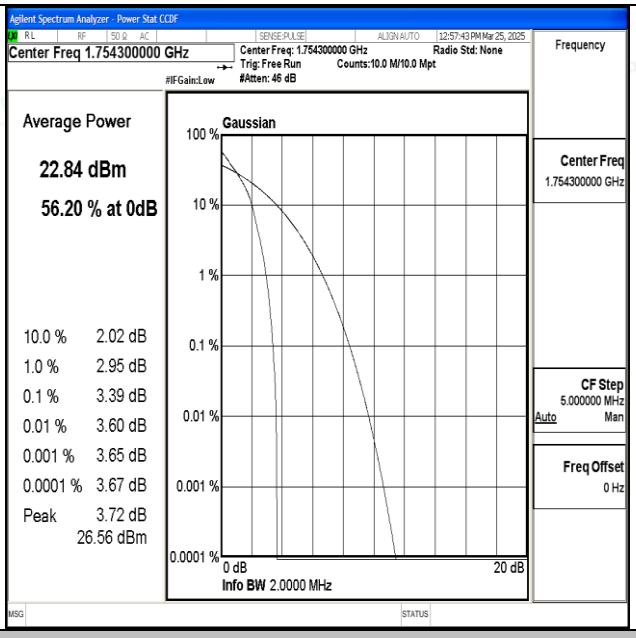

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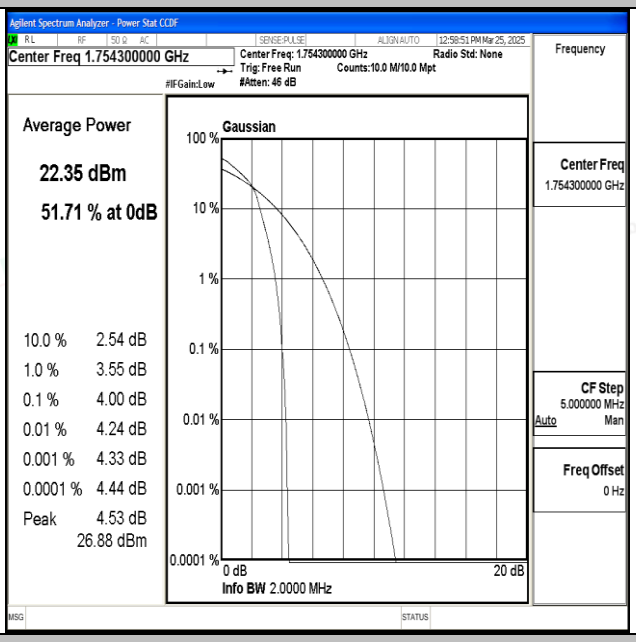

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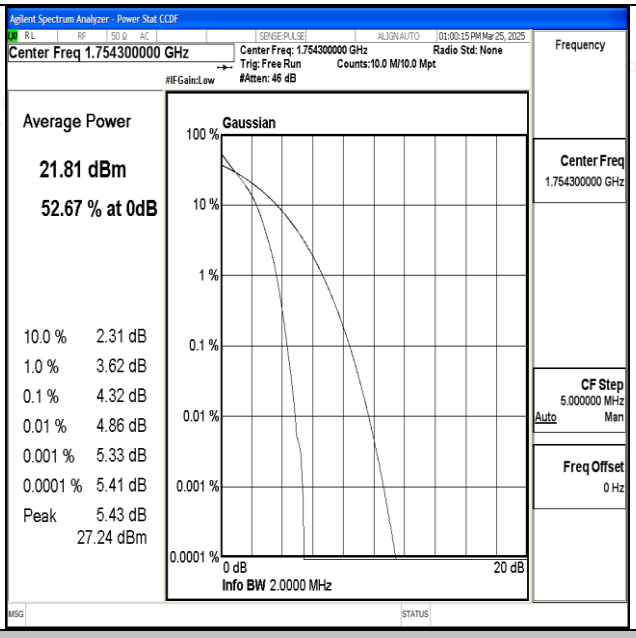

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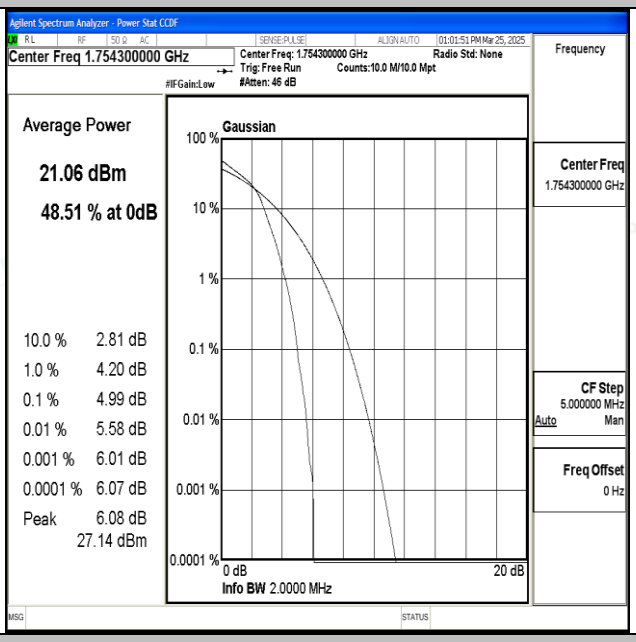

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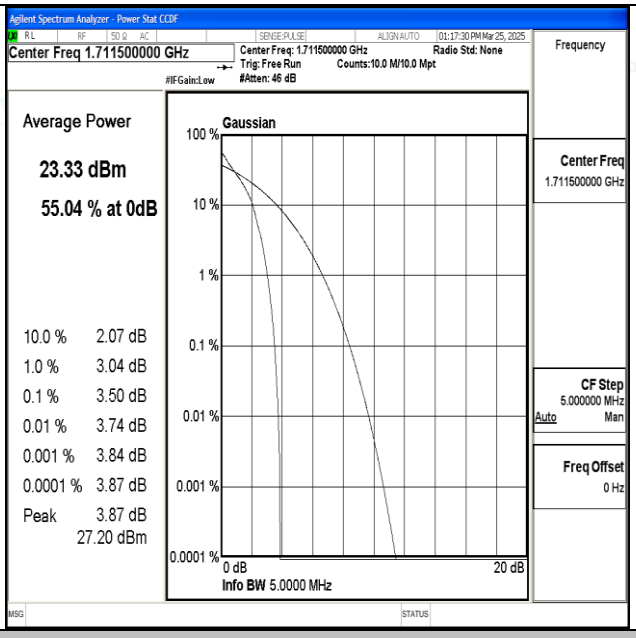

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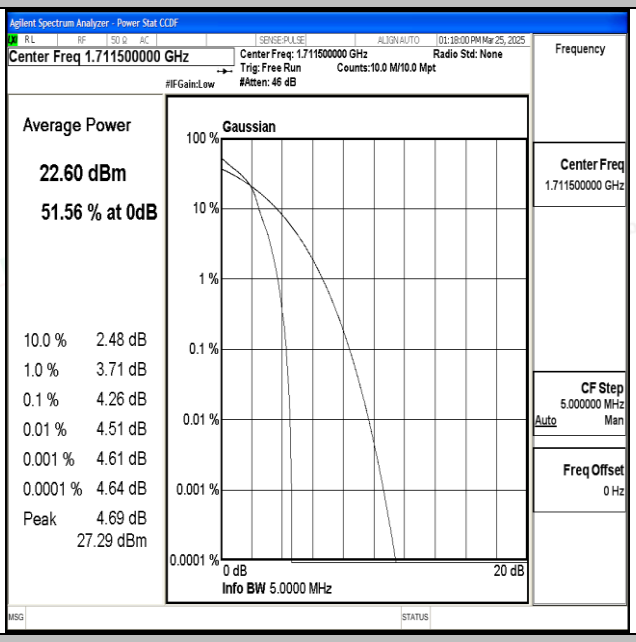

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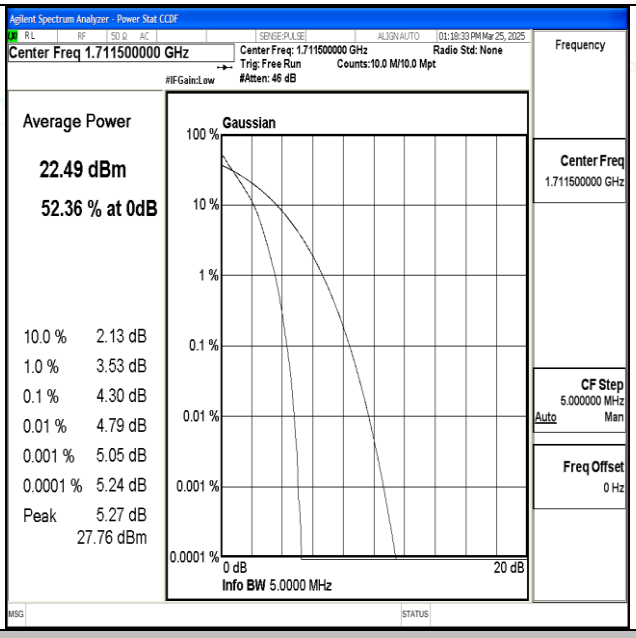

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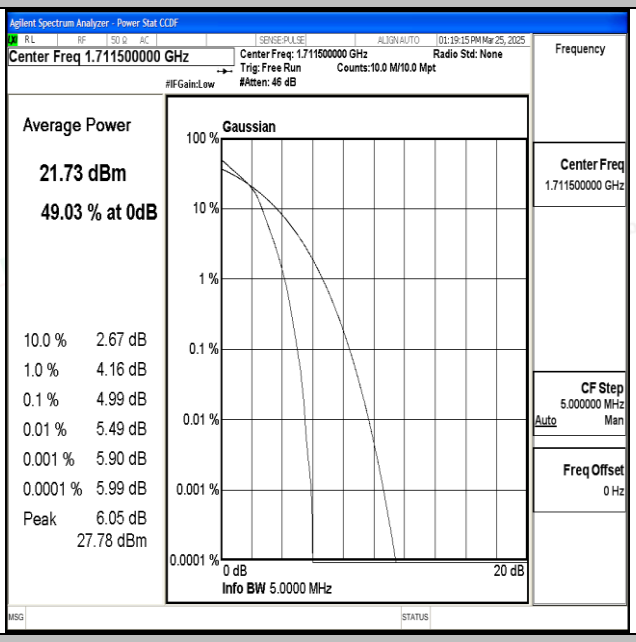

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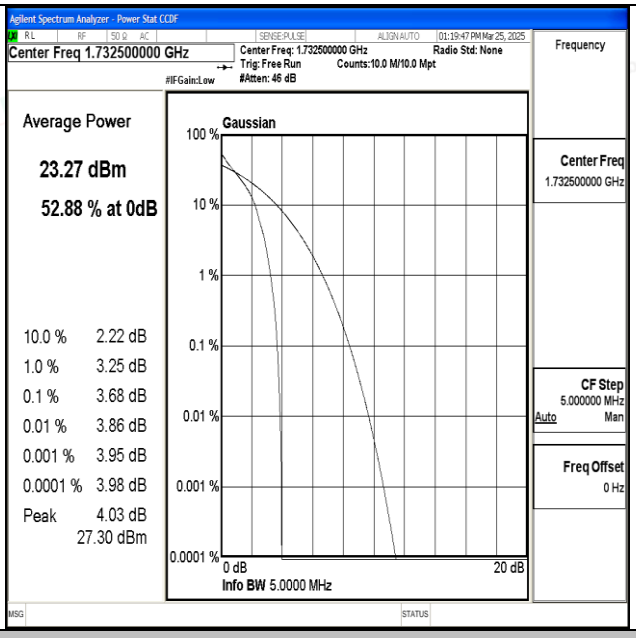

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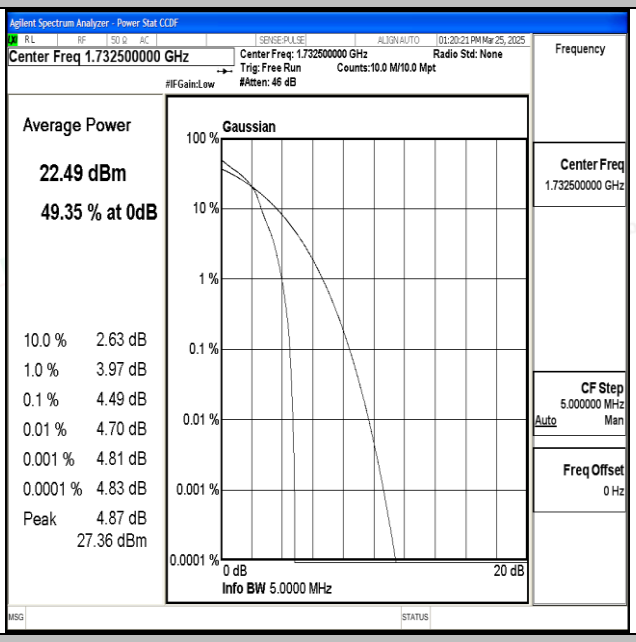

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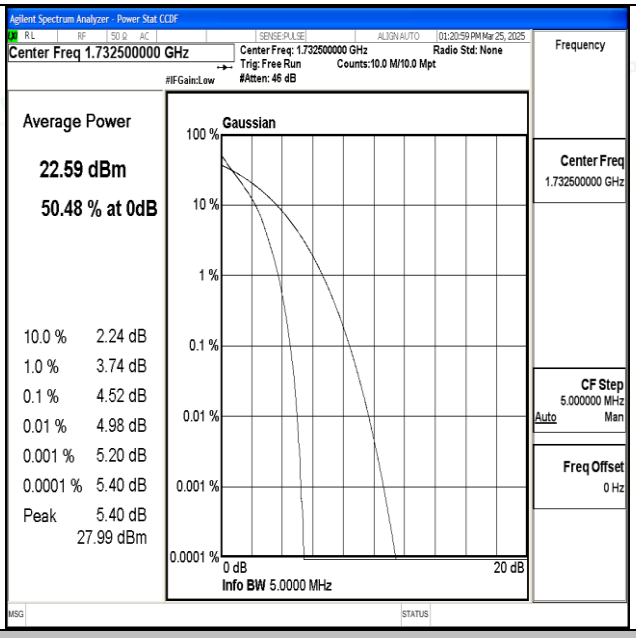

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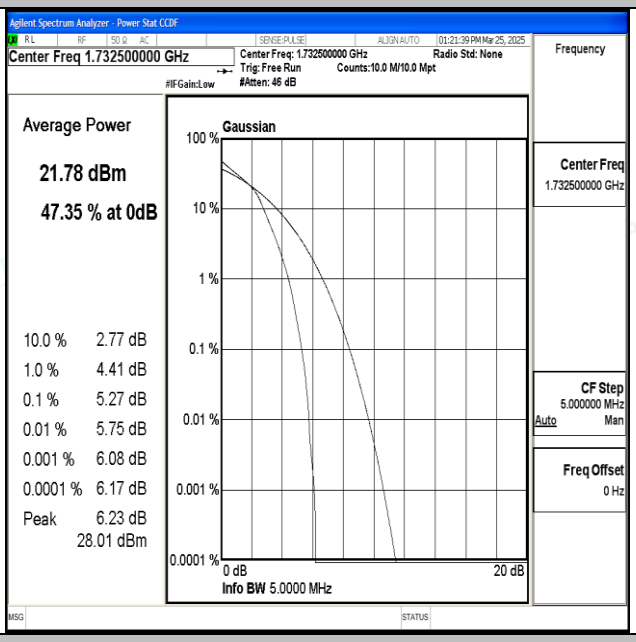

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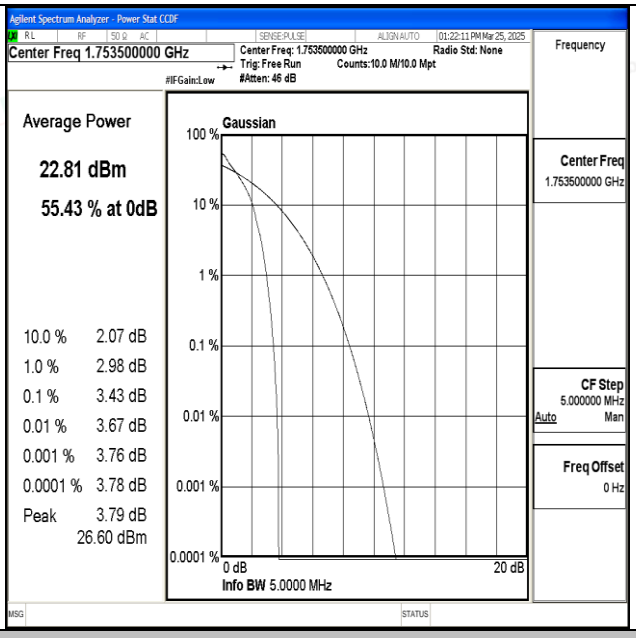

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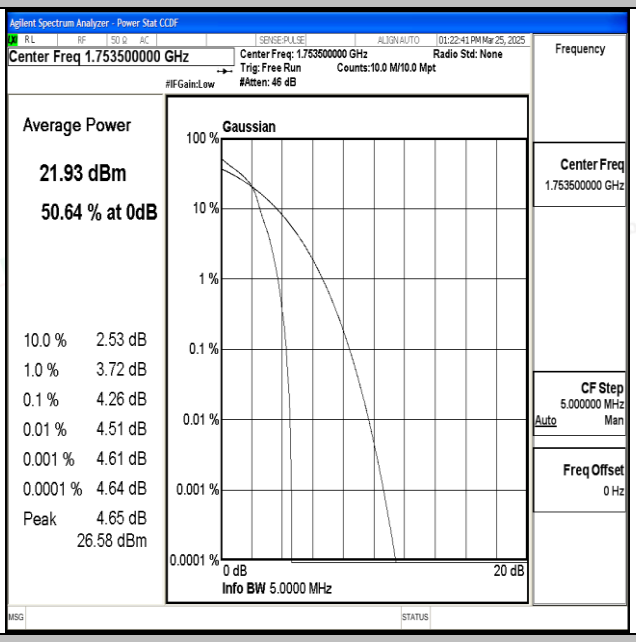

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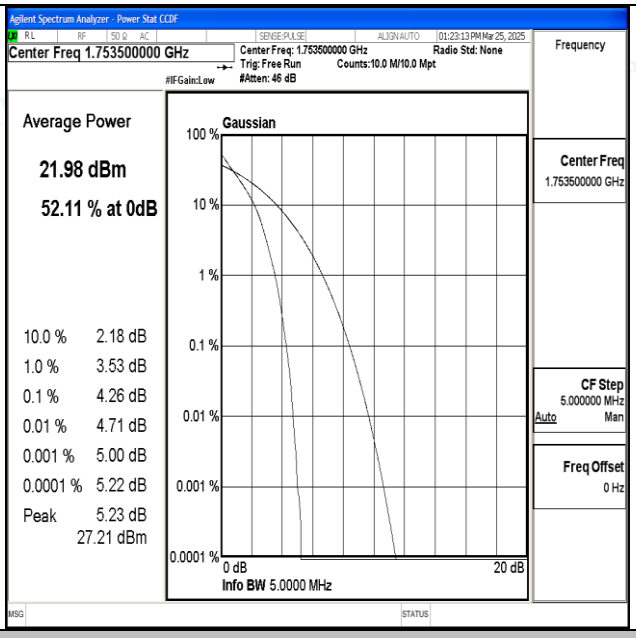

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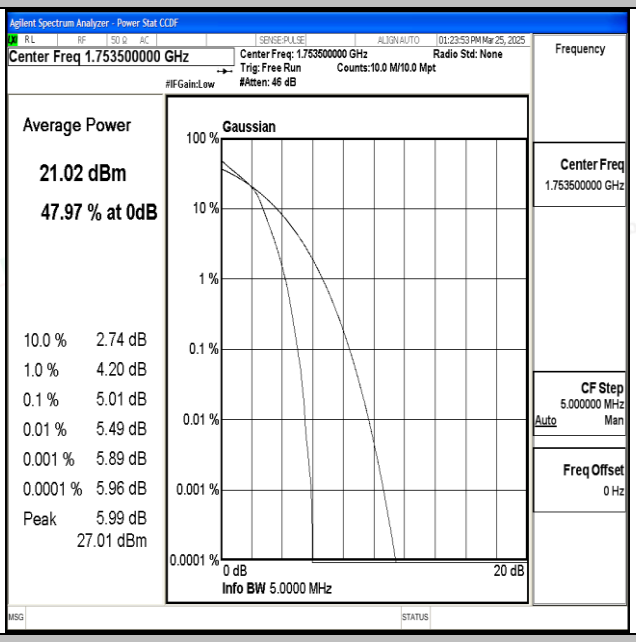

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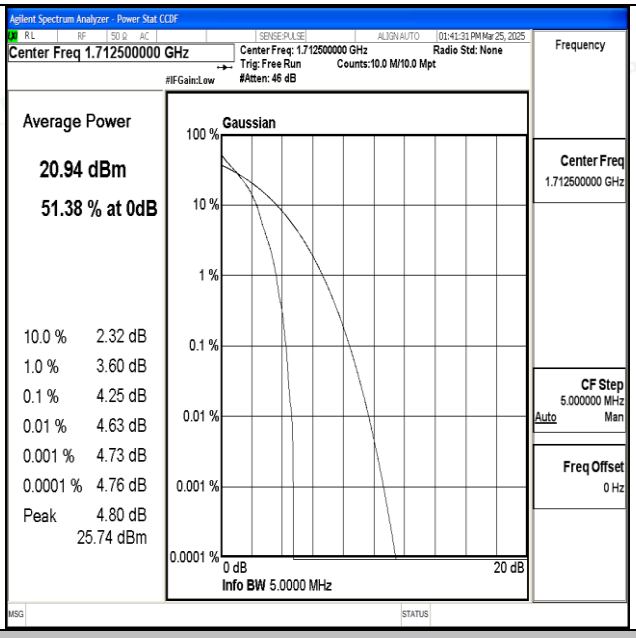

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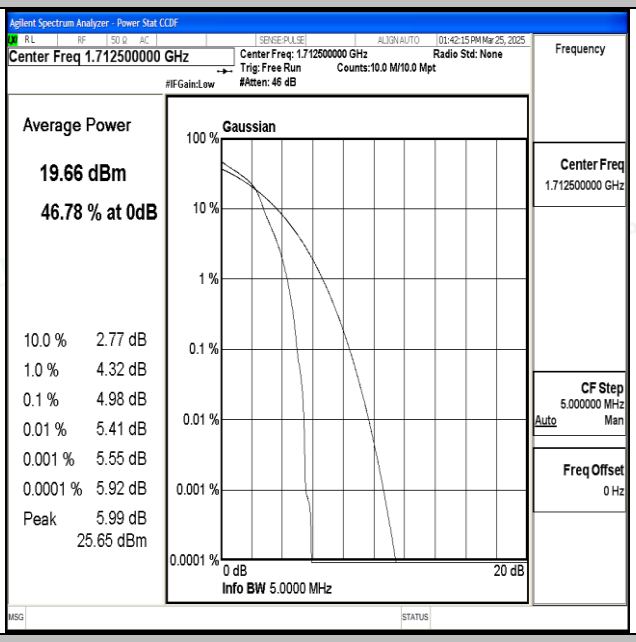

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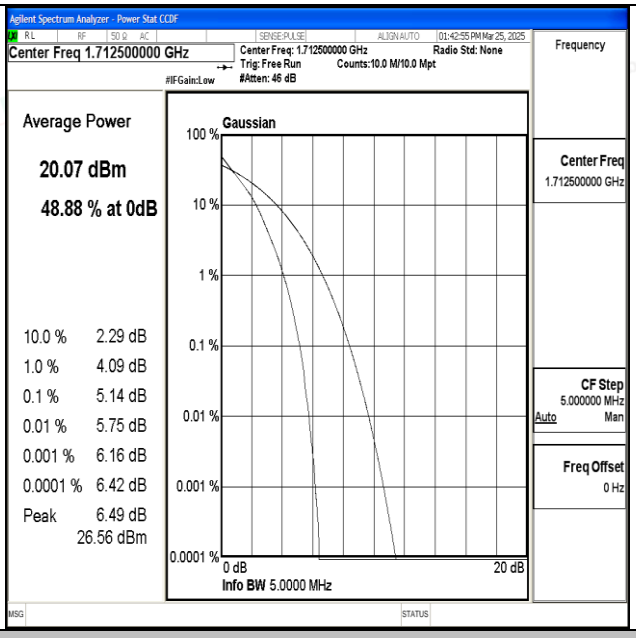

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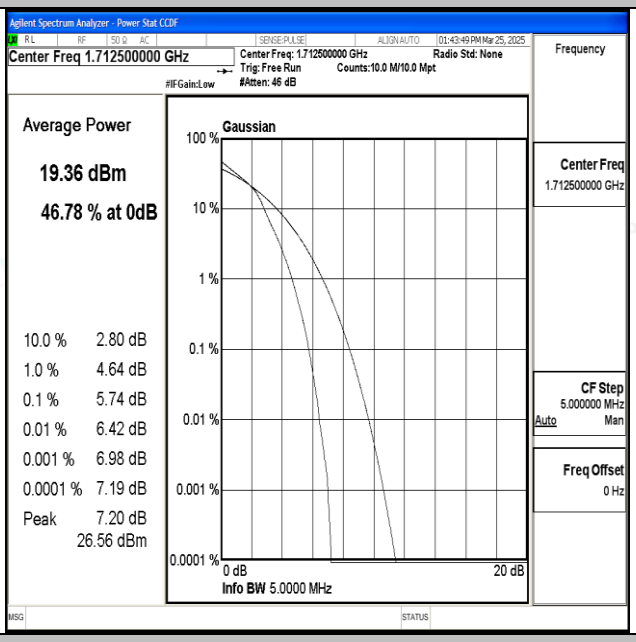

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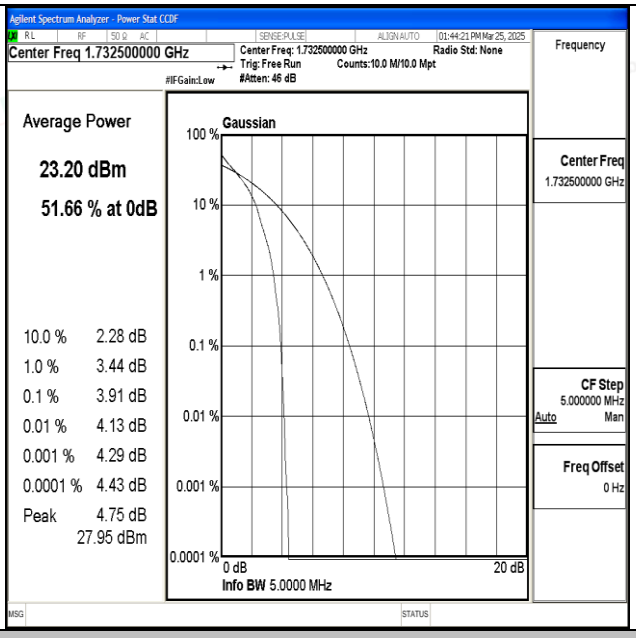

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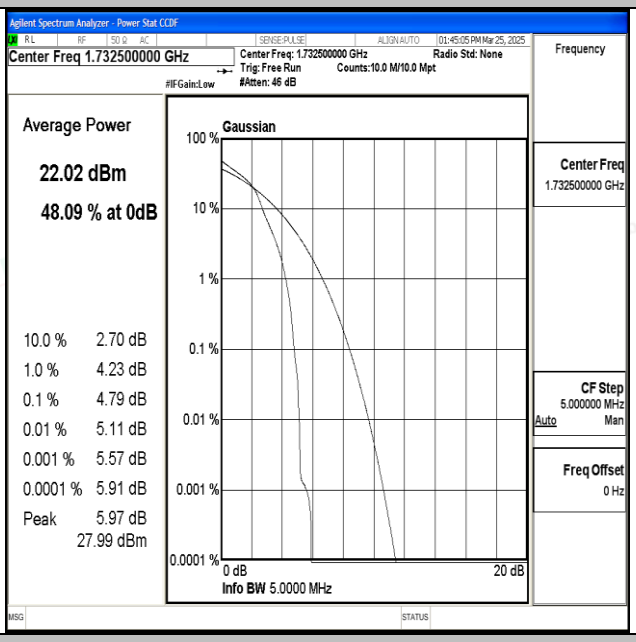

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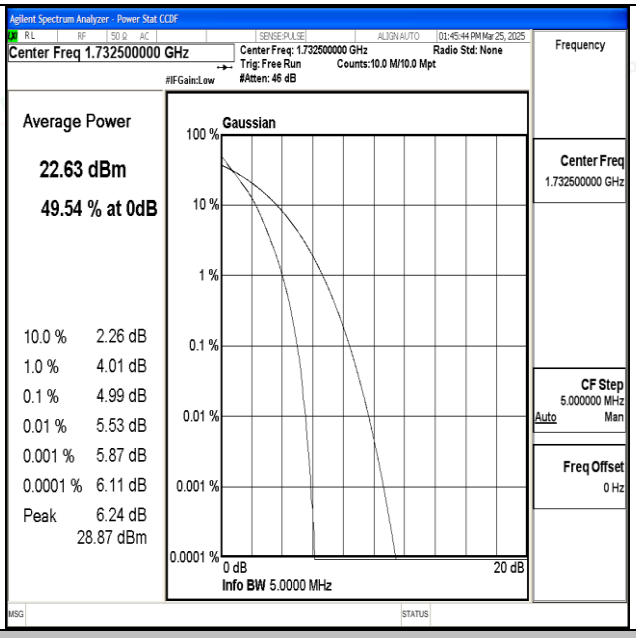

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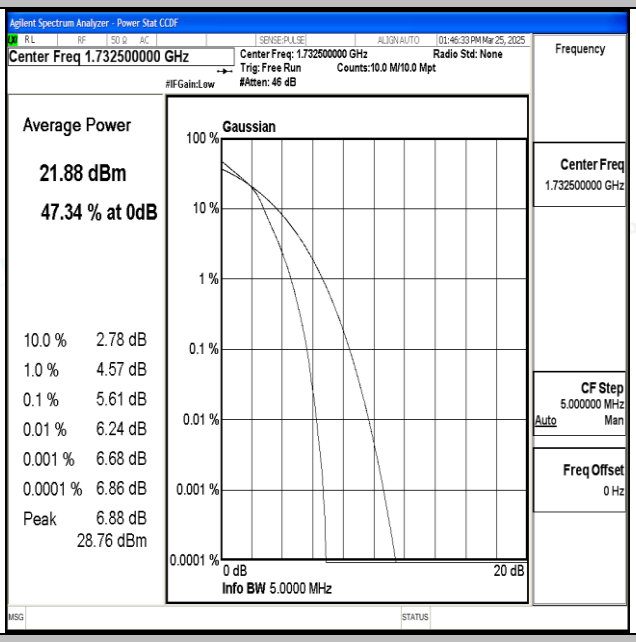

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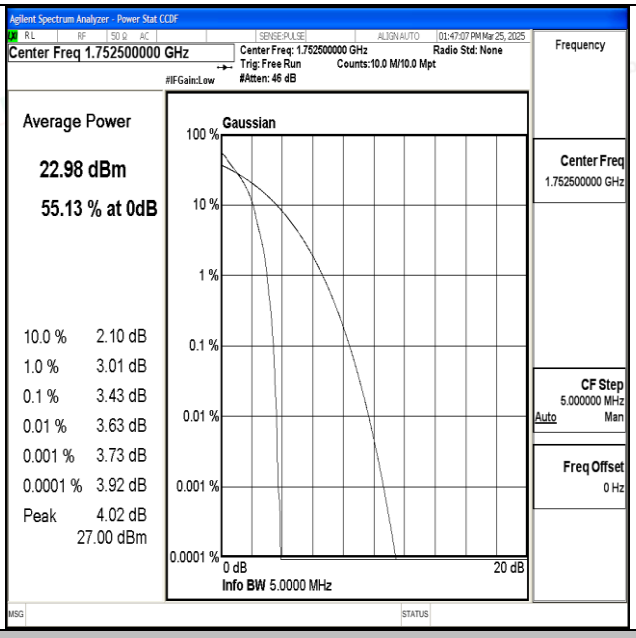

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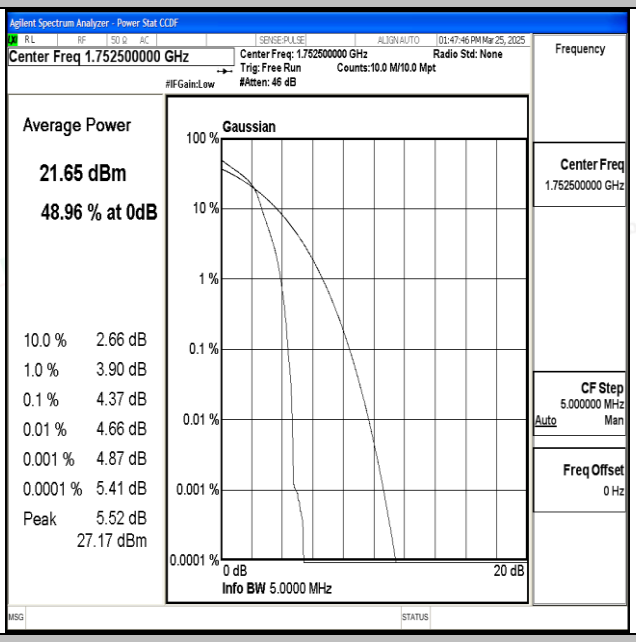

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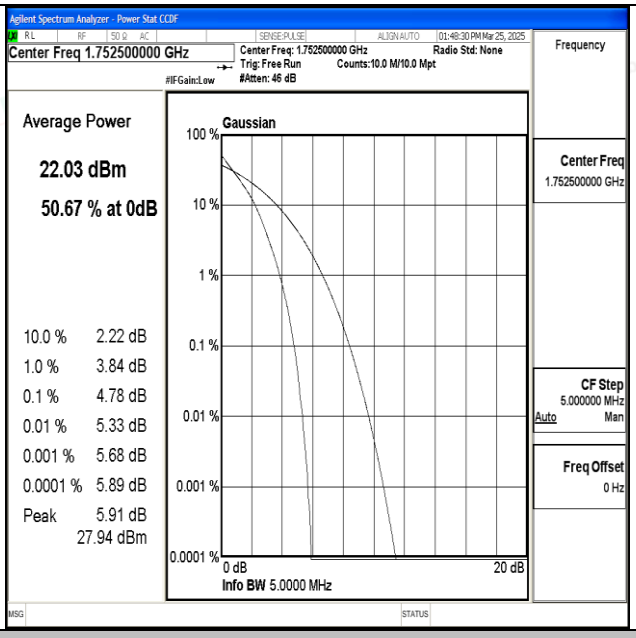

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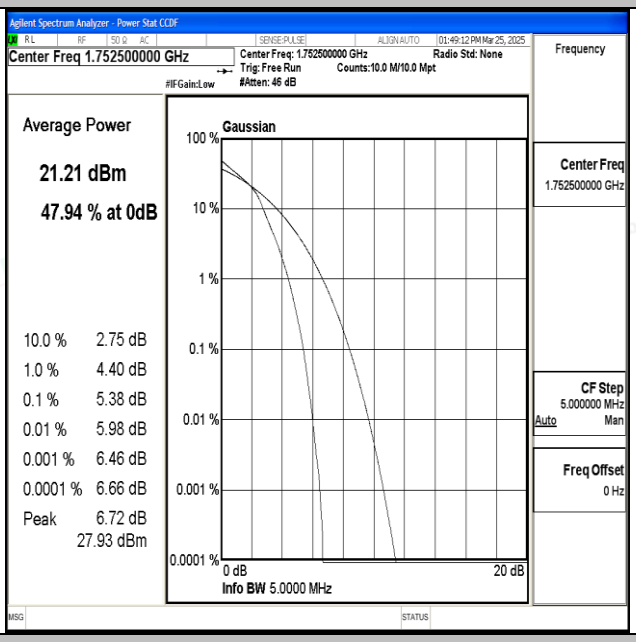

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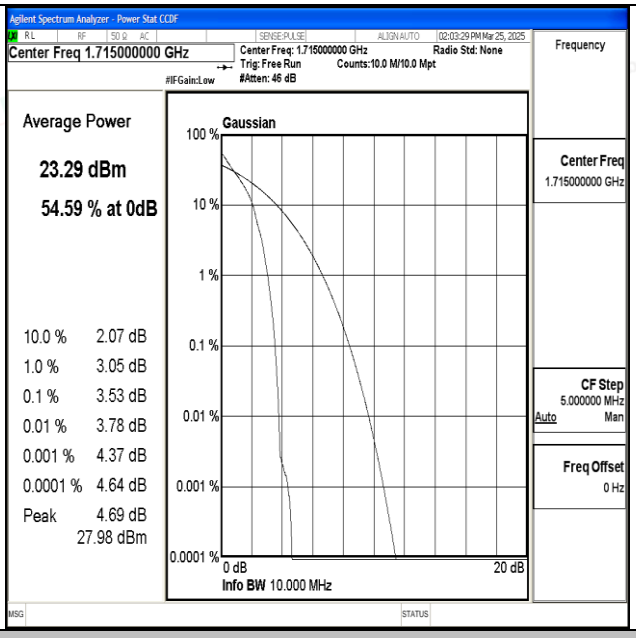

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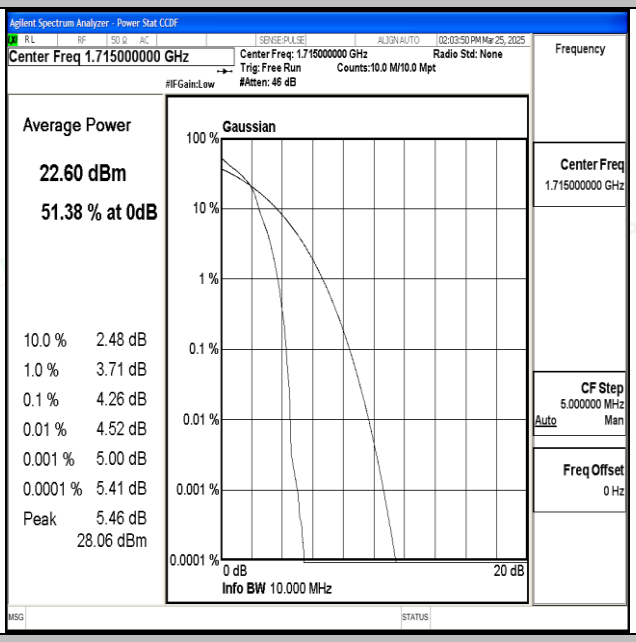
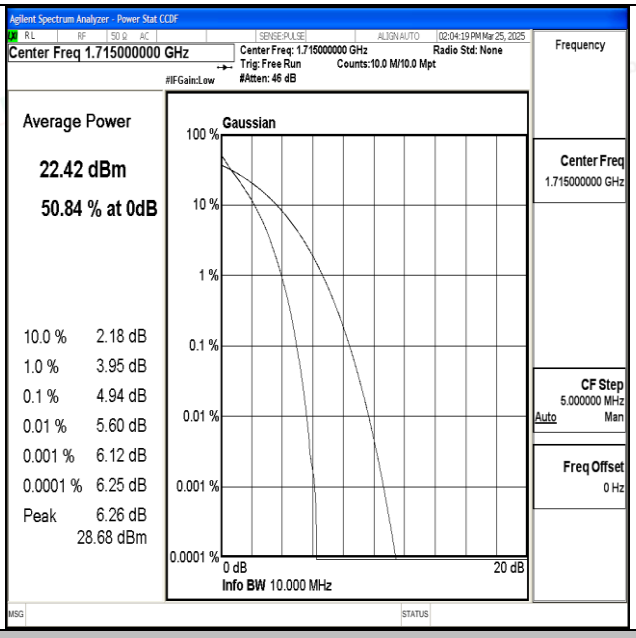


Band4-10MHz-16QAM-20000-1RB#0-PASS



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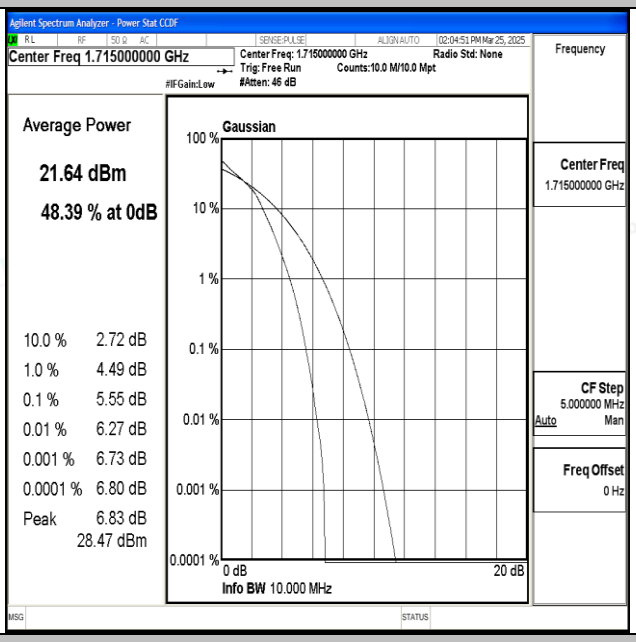

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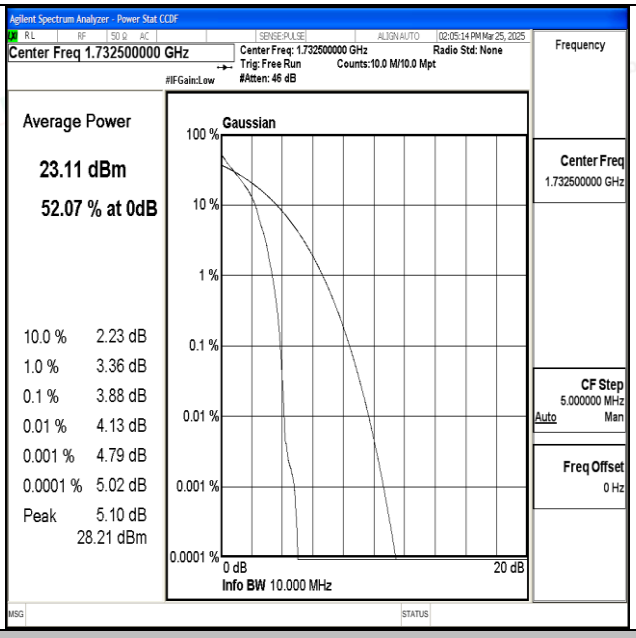

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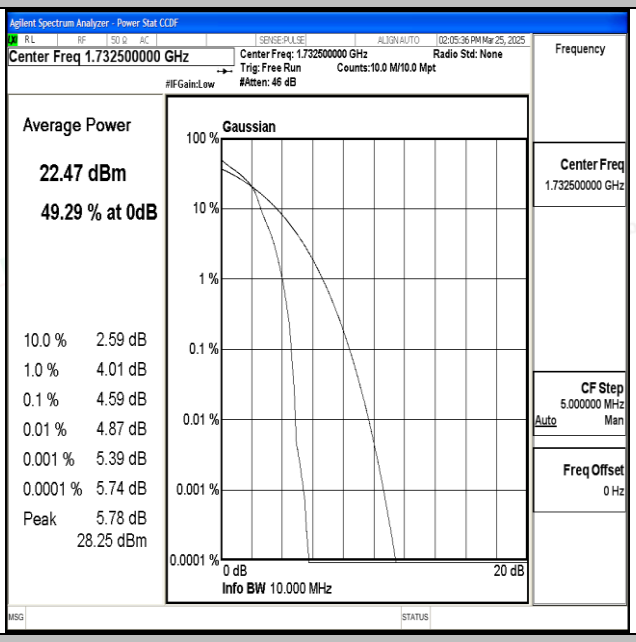

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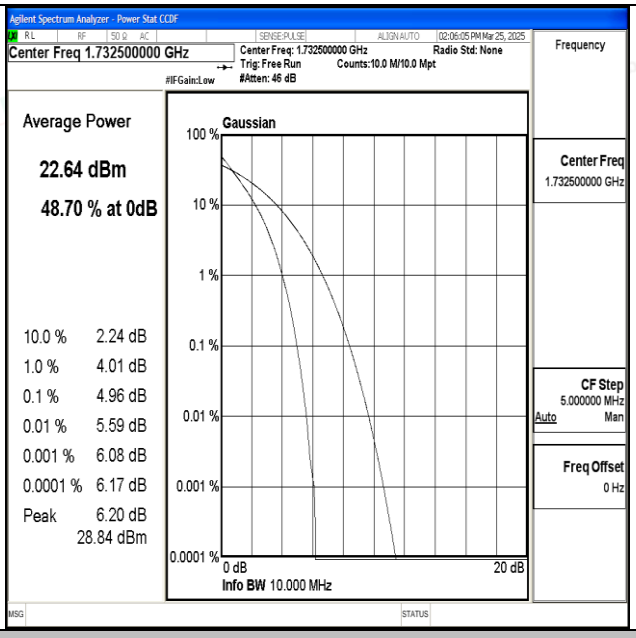

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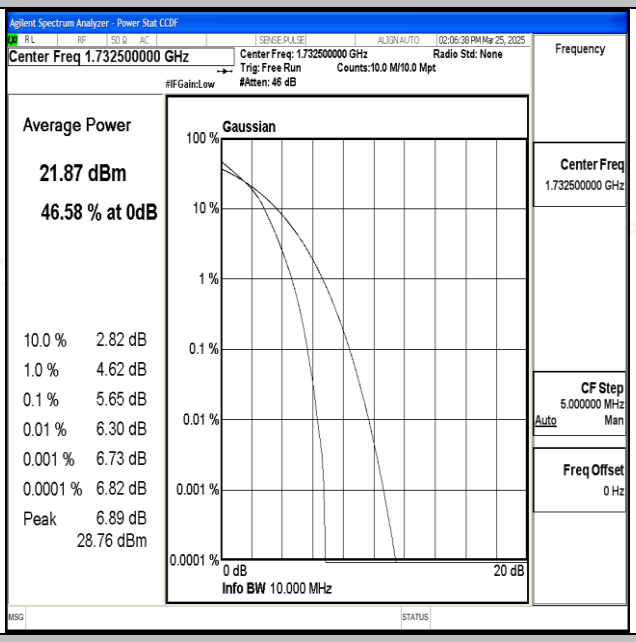
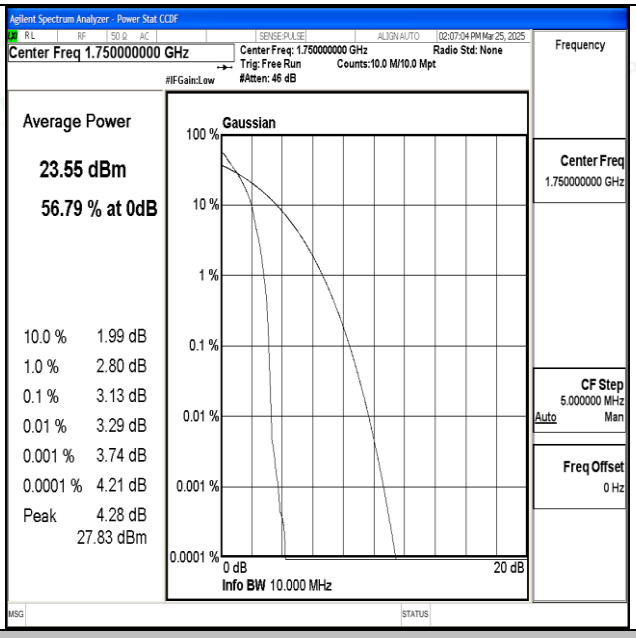
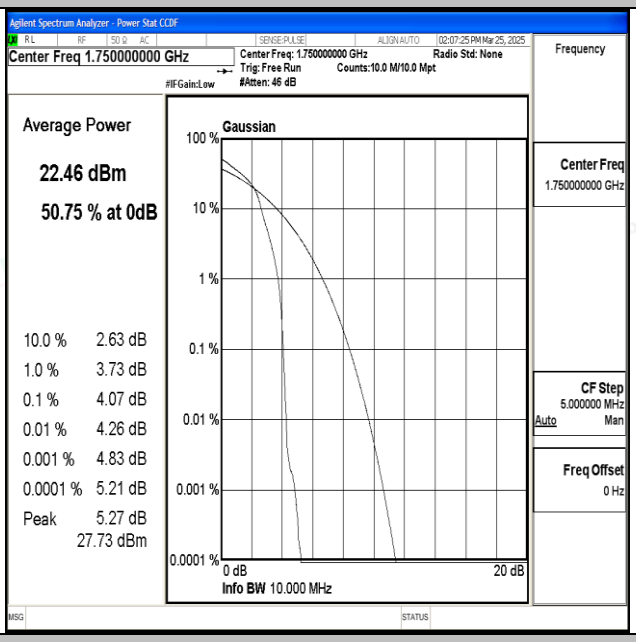


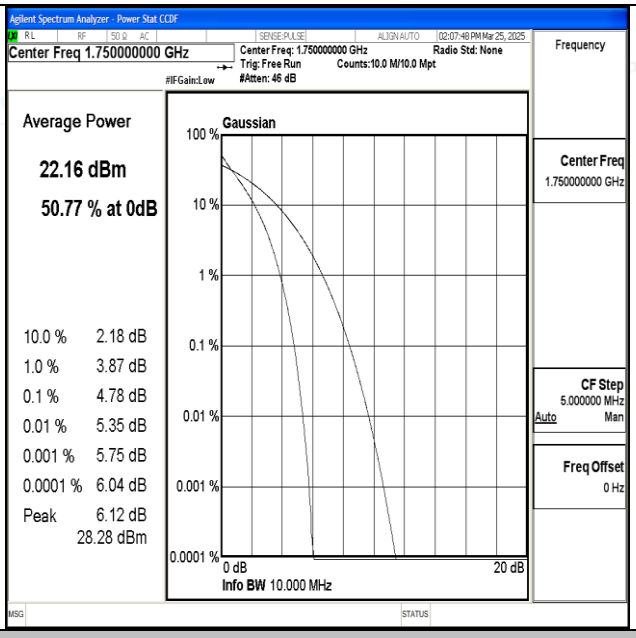
Band4-10MHz-16QAM-20175-50RB#0-PASS



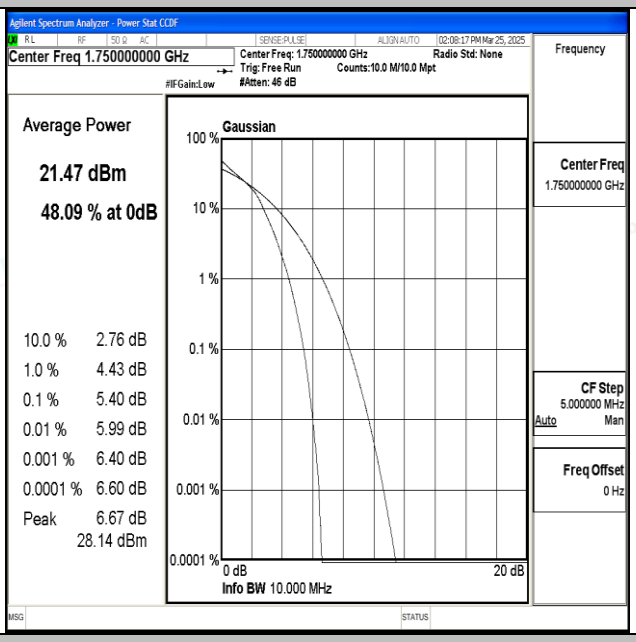
Band4-10MHz-QPSK-20350-1RB#0-PASS



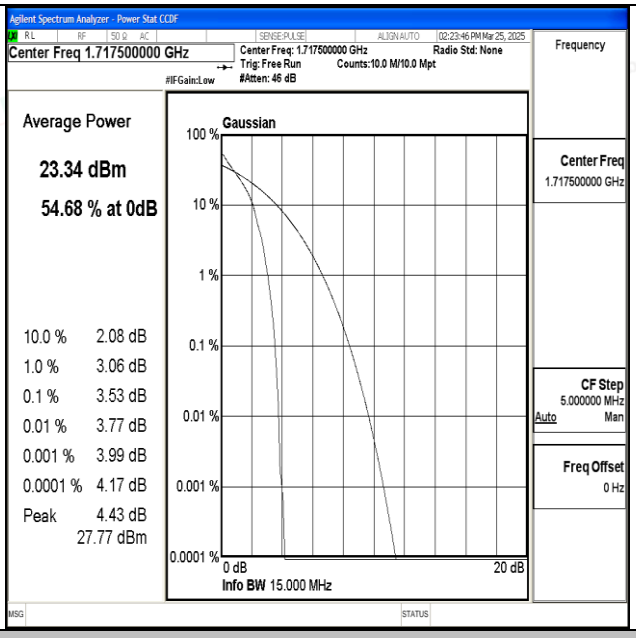
Band4-10MHz-16QAM-20350-1RB#0-PASS



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



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



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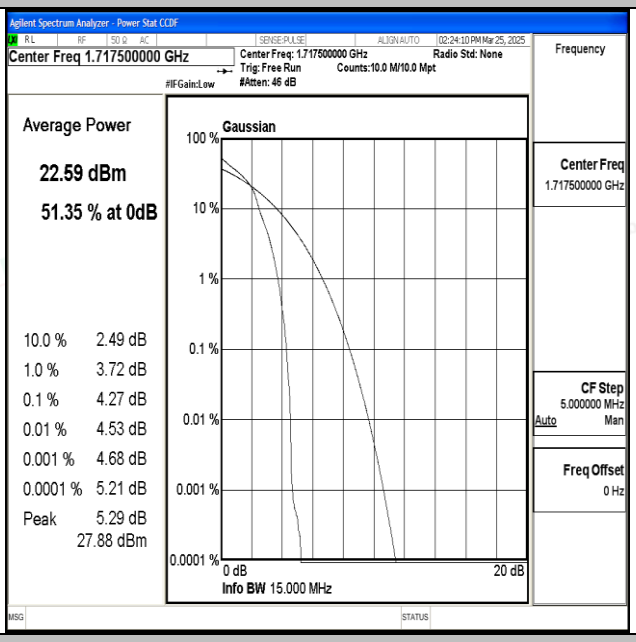

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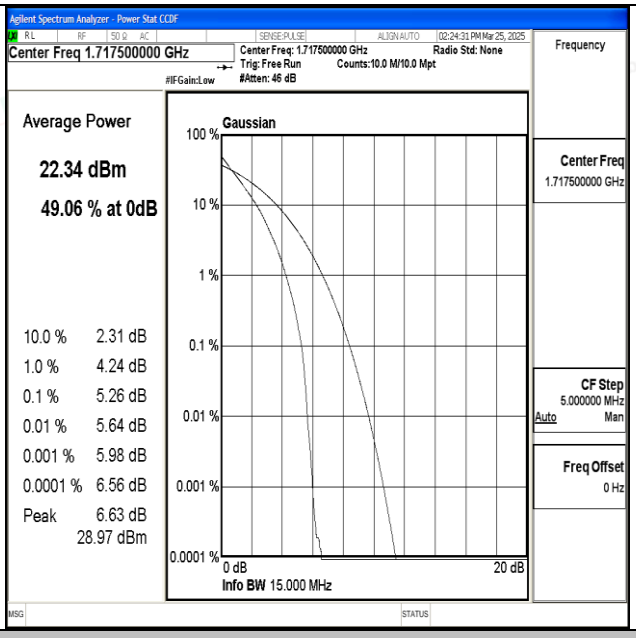
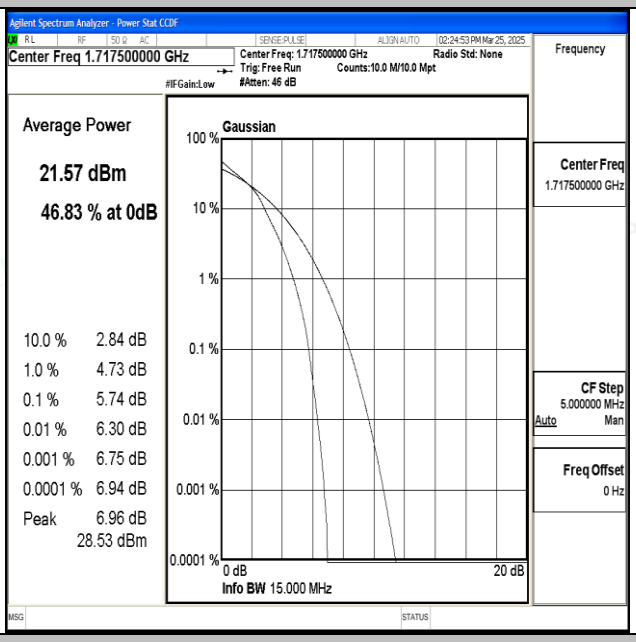


Band4-15MHz-QPSK-20025-75RB#0-PASS



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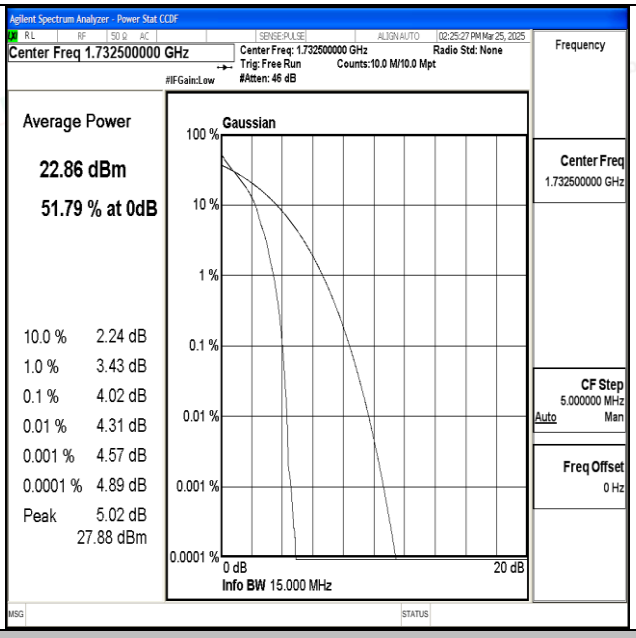
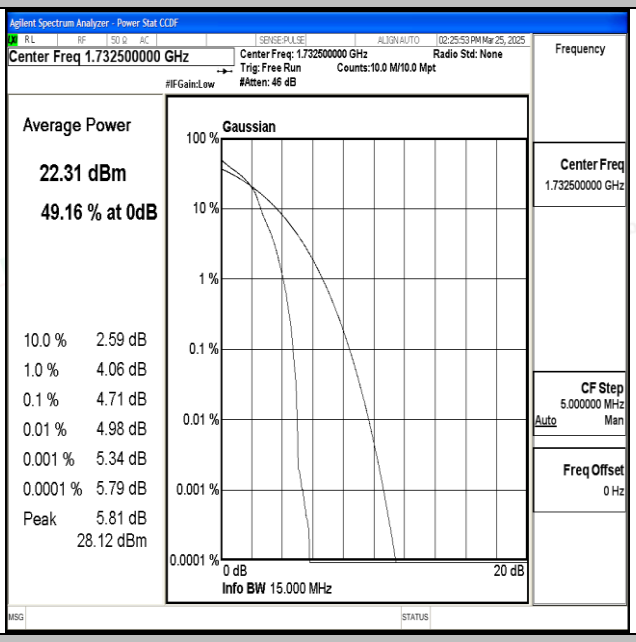
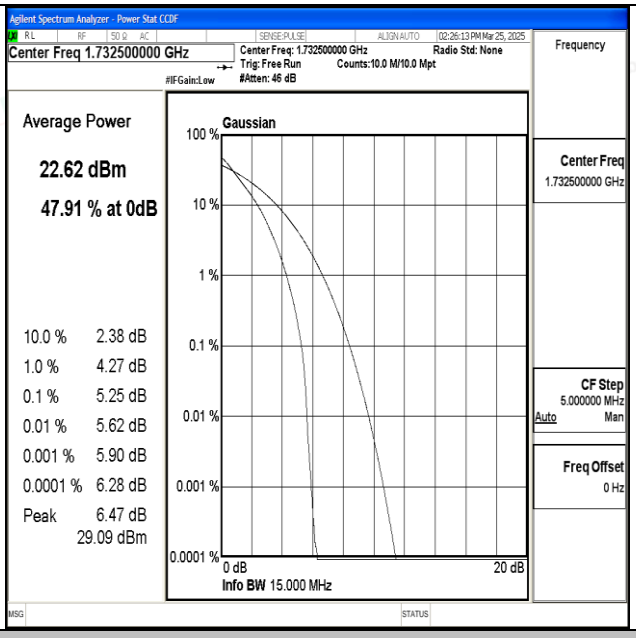


Band4-15MHz-QPSK-20175-1RB#0-PASS



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



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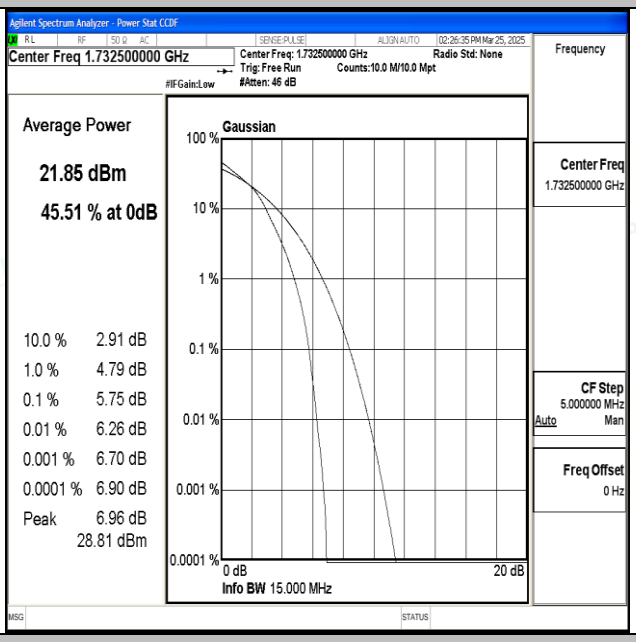

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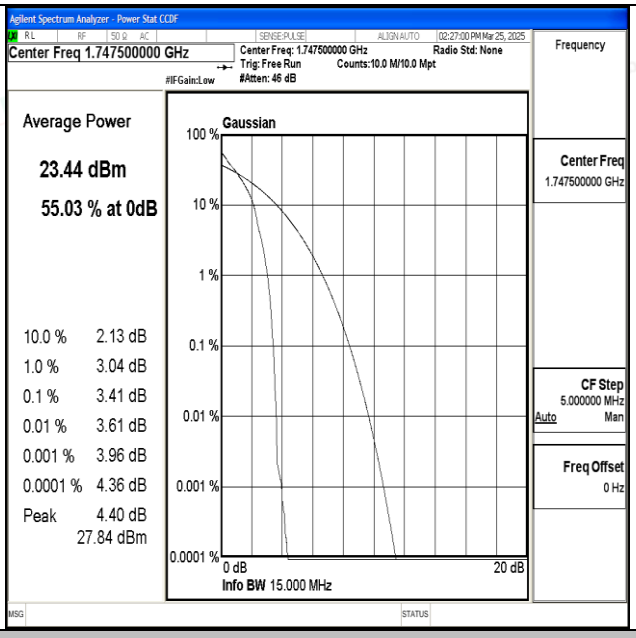

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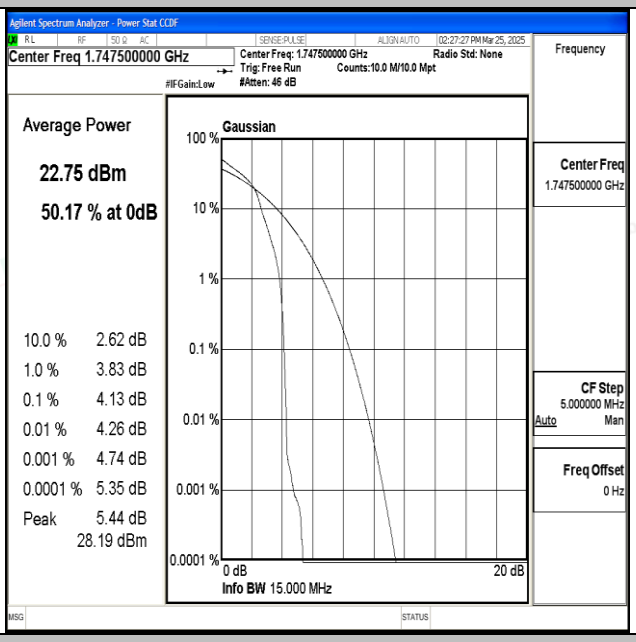

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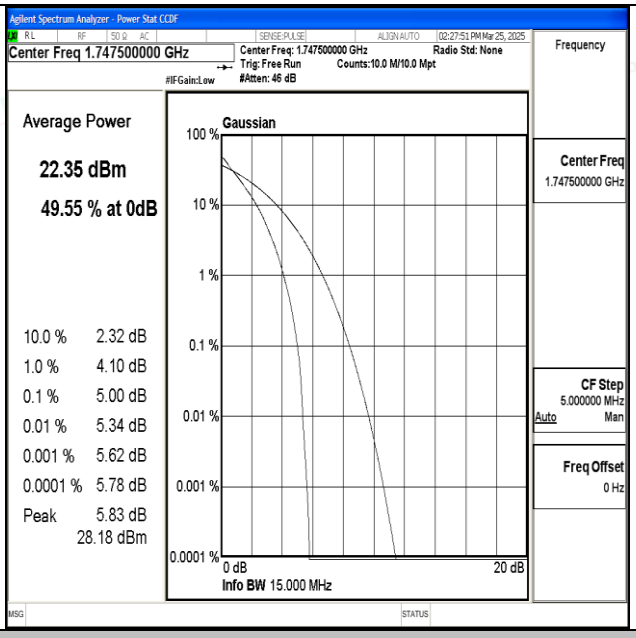

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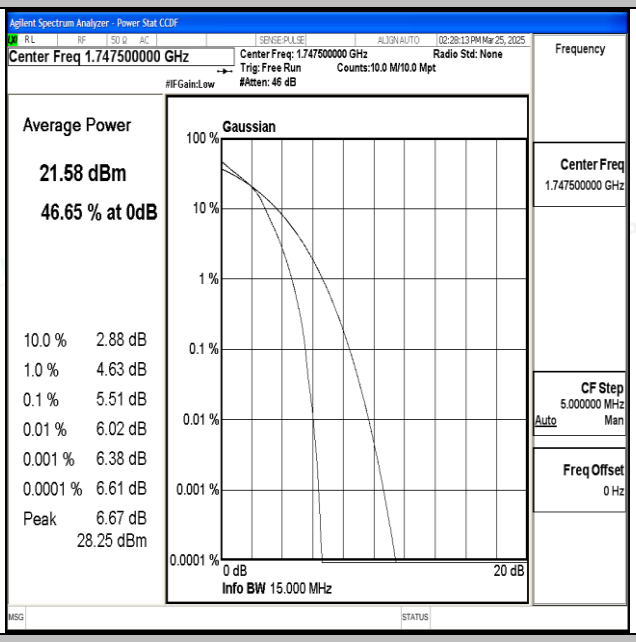

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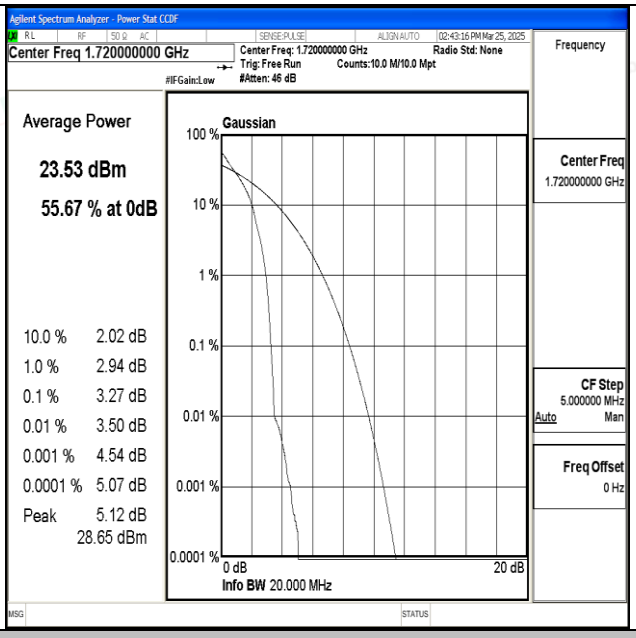

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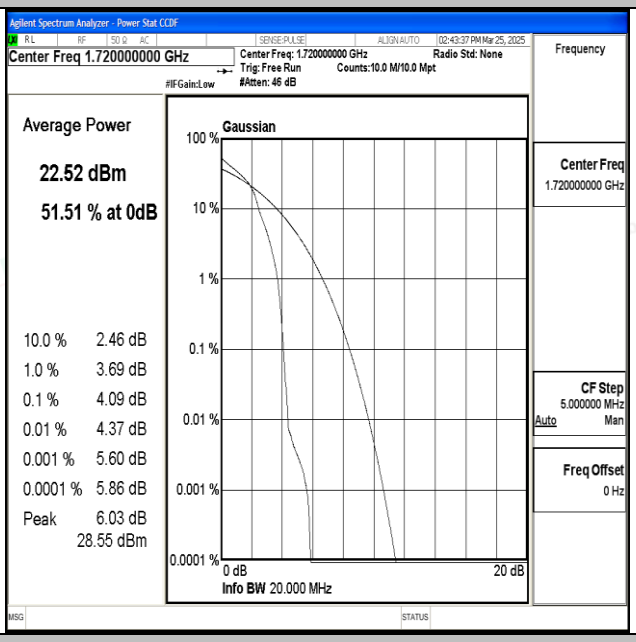

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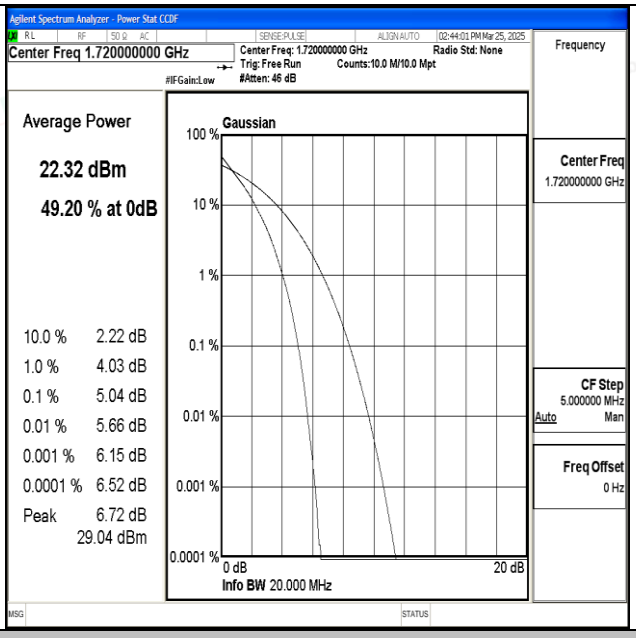

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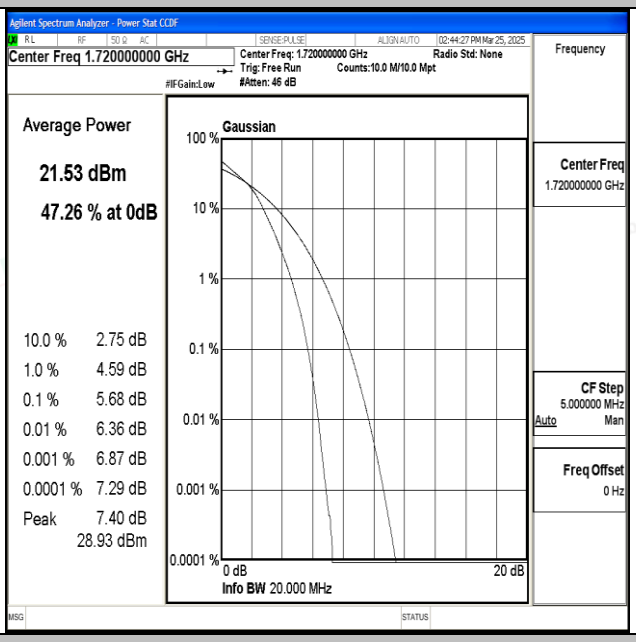

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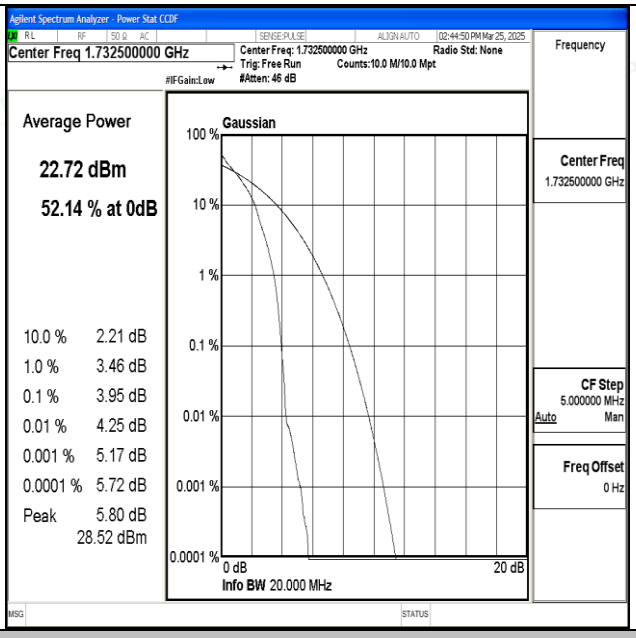
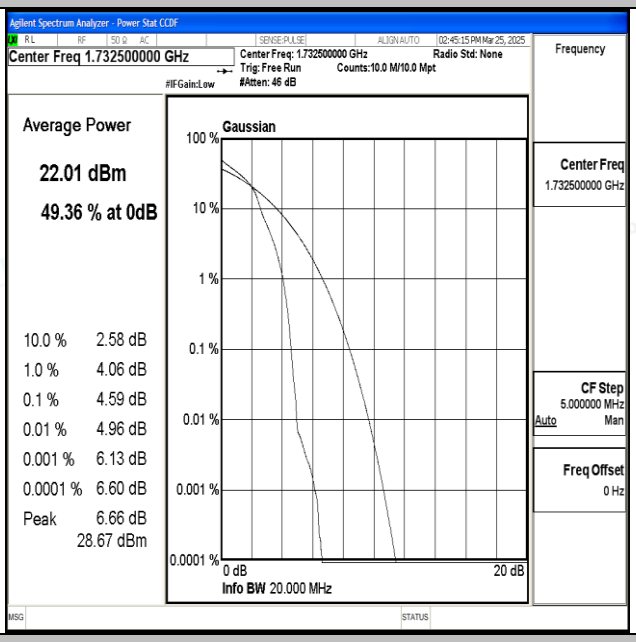


Band4-20MHz-QPSK-20175-1RB#0-PASS



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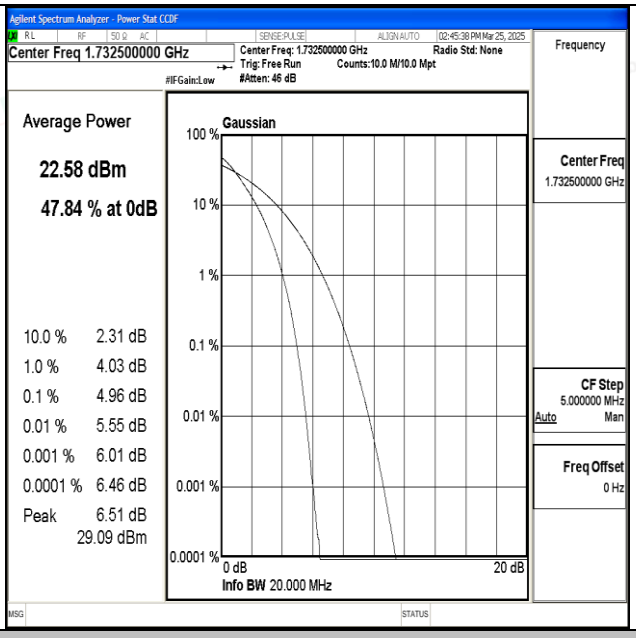

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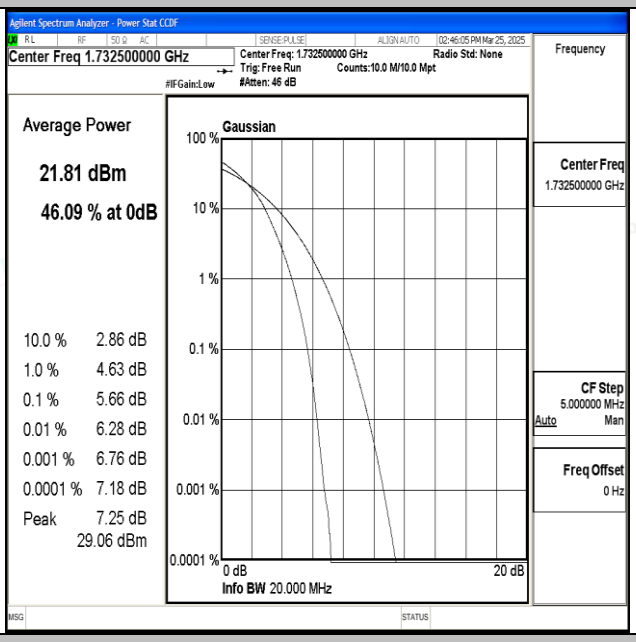
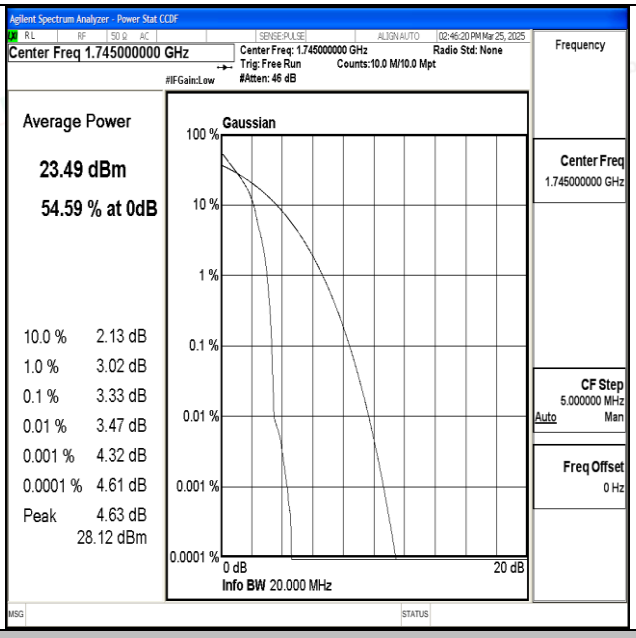


Band4-20MHz-16QAM-20175-100RB#0-PASS



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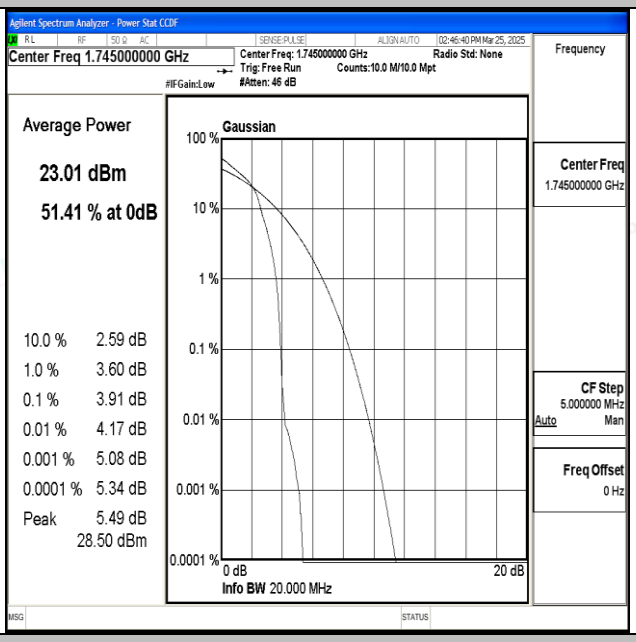
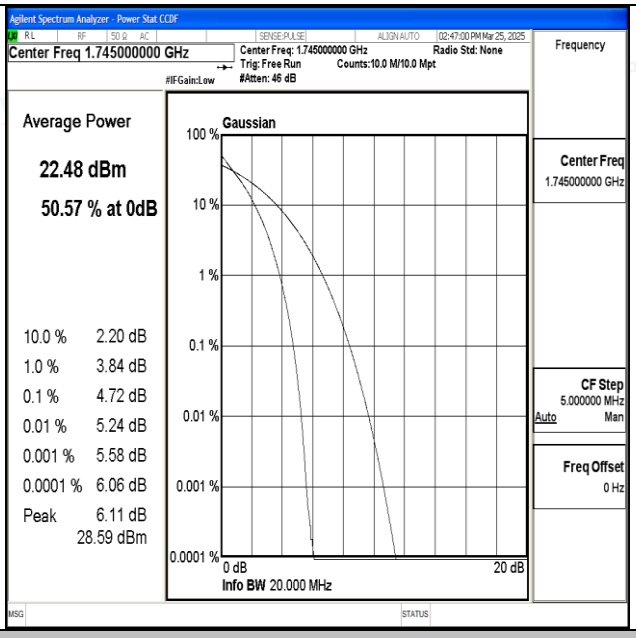
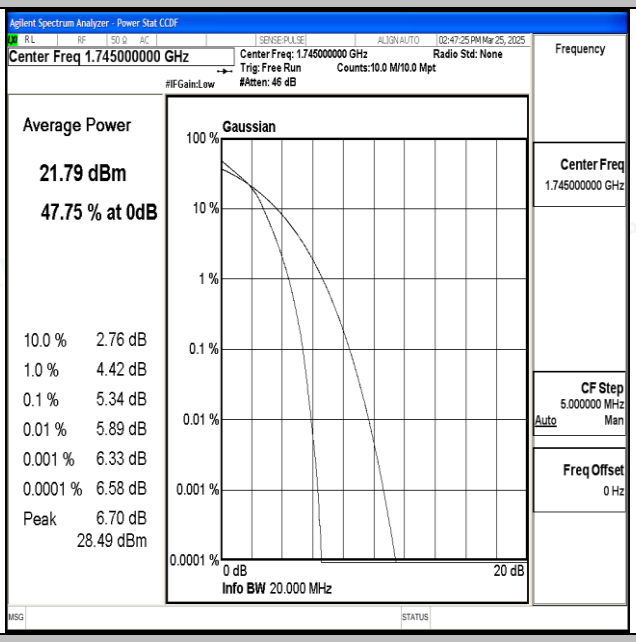


Band4-20MHz-16QAM-20300-1RB#0-PASS



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



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

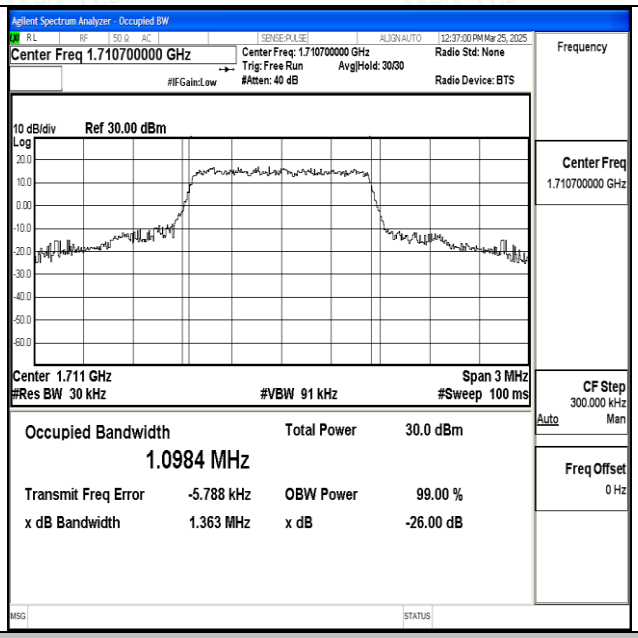
I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

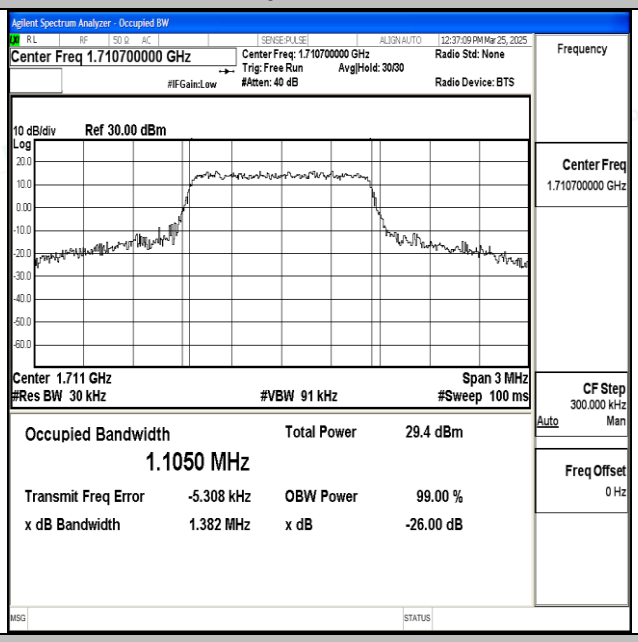
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0984	1.363	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1050	1.382	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0979	1.405	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1070	1.359	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0976	1.348	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1080	1.371	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7850	3.439	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7700	3.365	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7770	3.464	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7667	3.317	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7777	3.429	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7617	3.363	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5308	5.426	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5356	5.306	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5359	5.353	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5321	5.295	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5365	5.255	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5218	5.372	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0143	9.999	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0148	10.28	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0066	10.11	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9964	10.22	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0160	10.35	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0249	10.50	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.541	15.84	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.522	15.39	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.530	15.09	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.522	15.16	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.485	15.64	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.533	15.19	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.074	20.21	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.066	20.23	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.025	19.70	PASS

Band4	20MHz	16QAM	20175	100RB#0	18.036	19.92	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.010	20.26	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.015	20.16	PASS

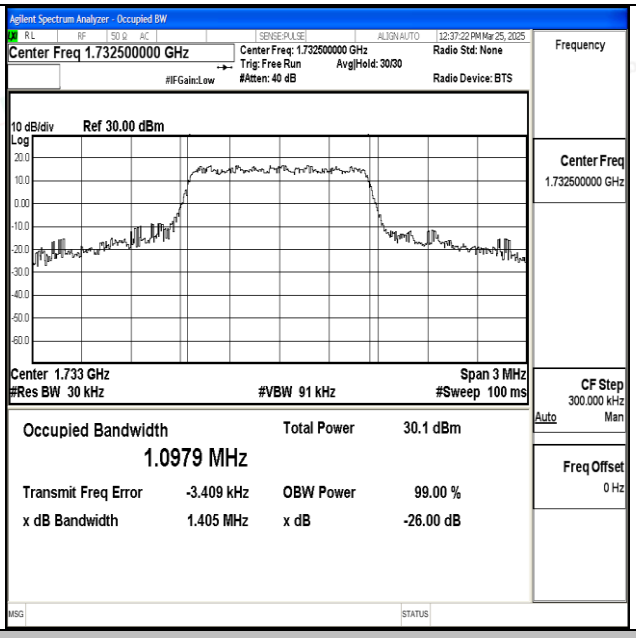
Test Graphs



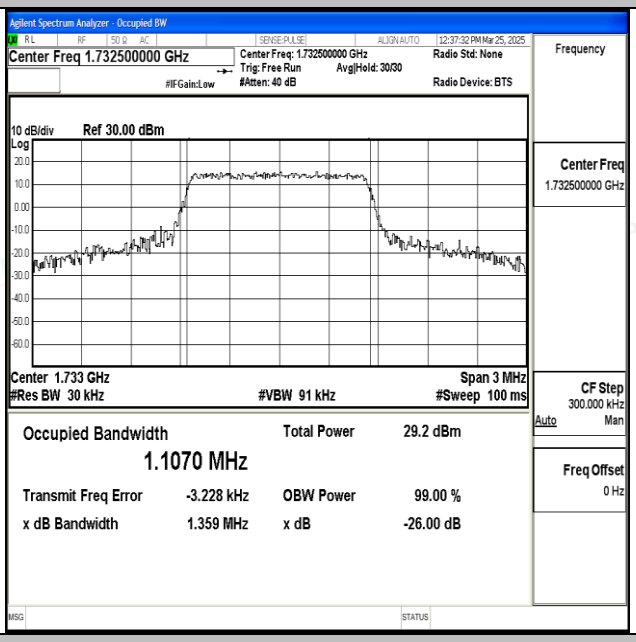
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



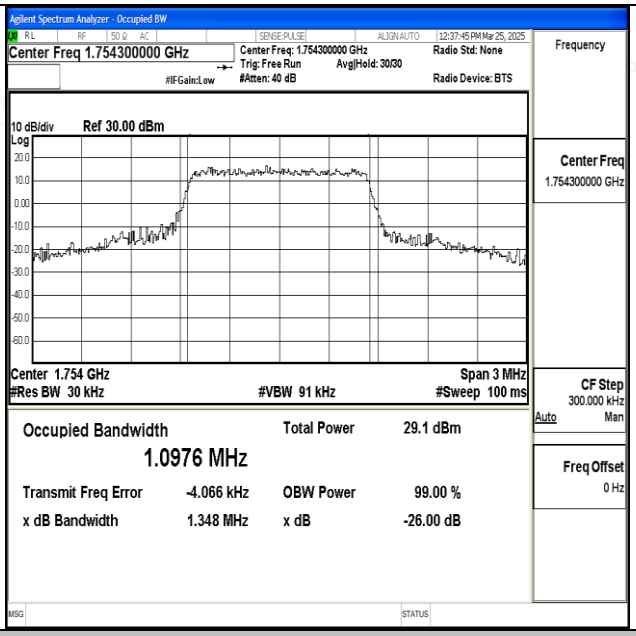
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



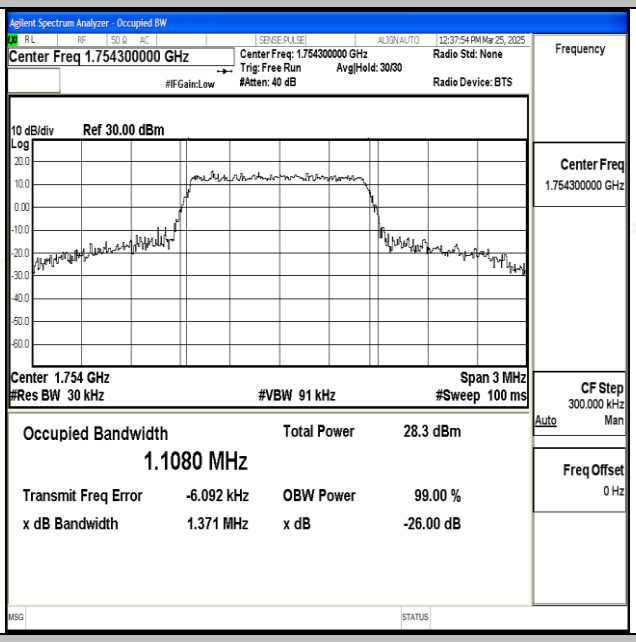
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



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



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



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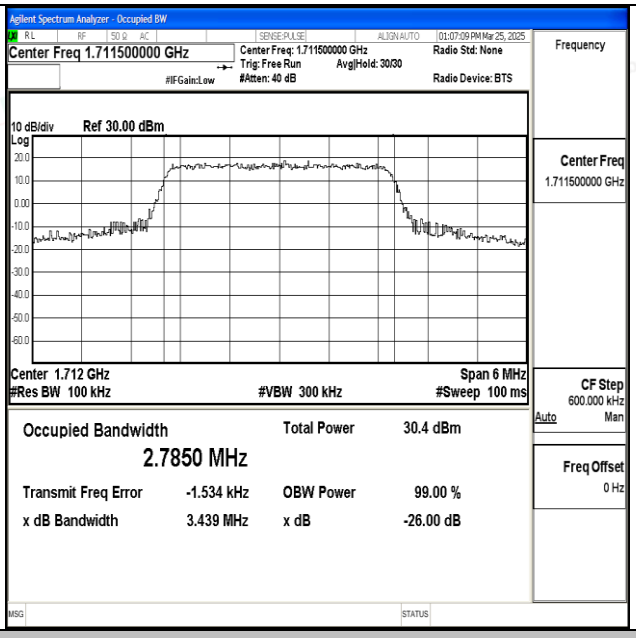
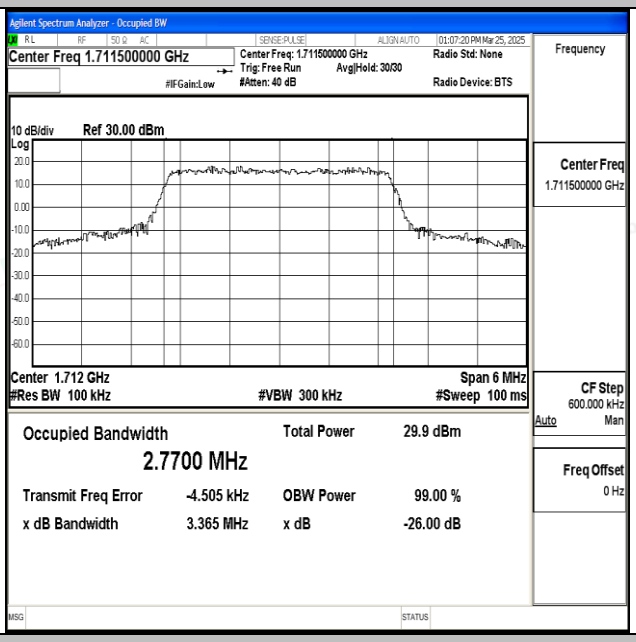


Band4-3MHz-QPSK-19965-15RB#0-PASS



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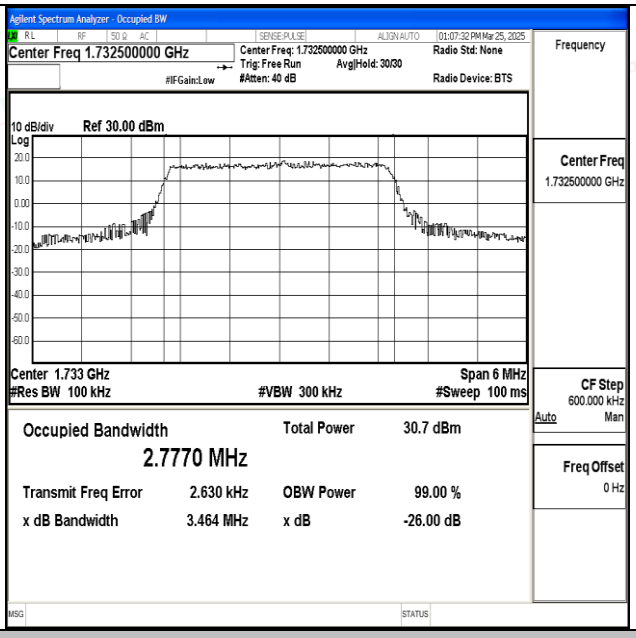
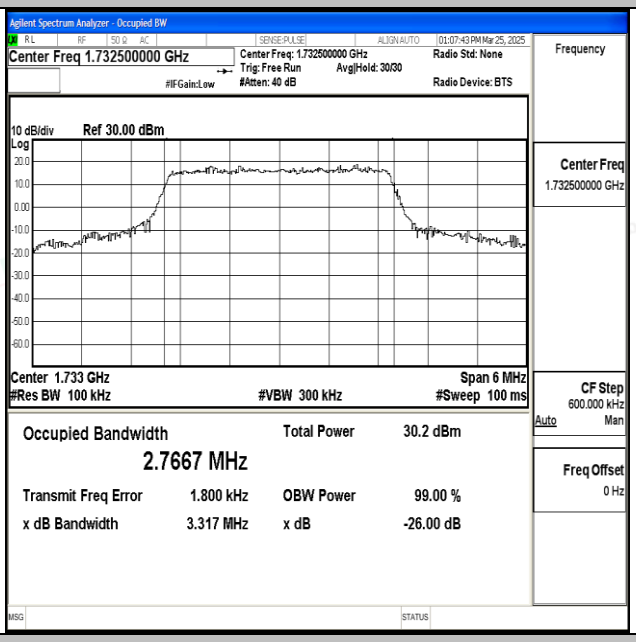
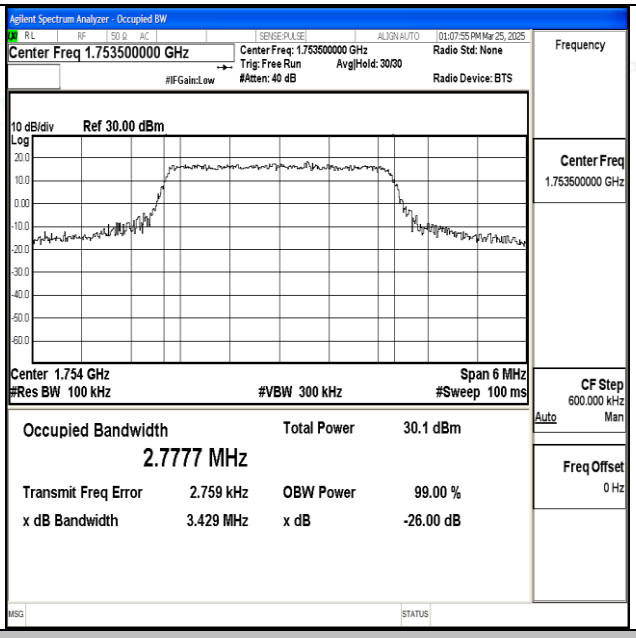


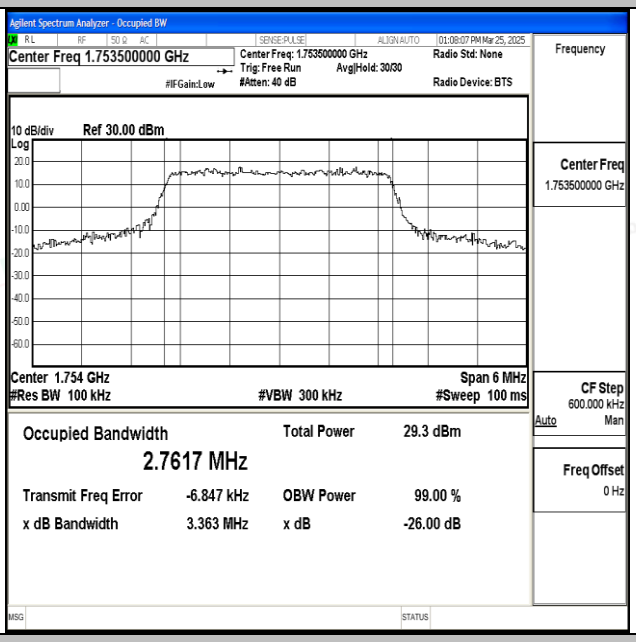
Band4-3MHz-QPSK-20175-15RB#0-PASS



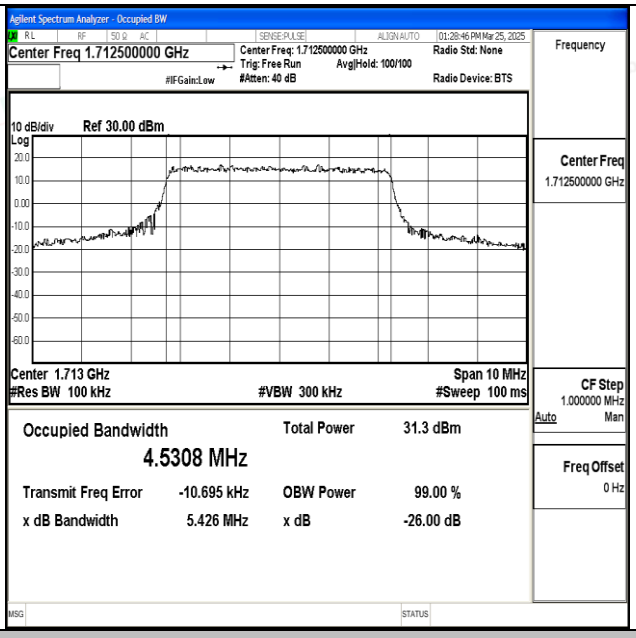
Band4-3MHz-16QAM-20175-15RB#0-PASS



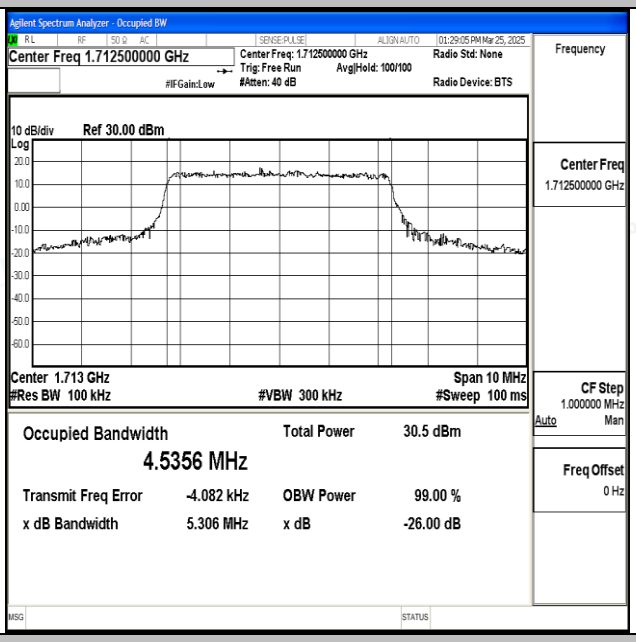
Band4-3MHz-QPSK-20385-15RB#0-PASS



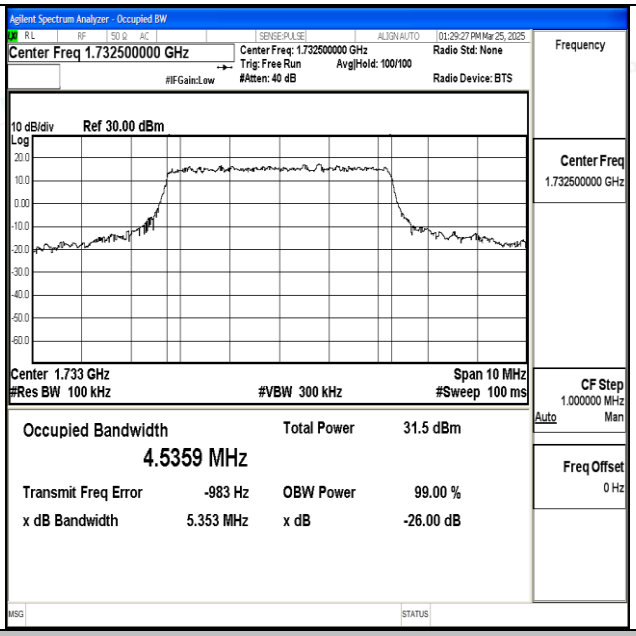
Band4-3MHz-16QAM-20385-15RB#0-PASS



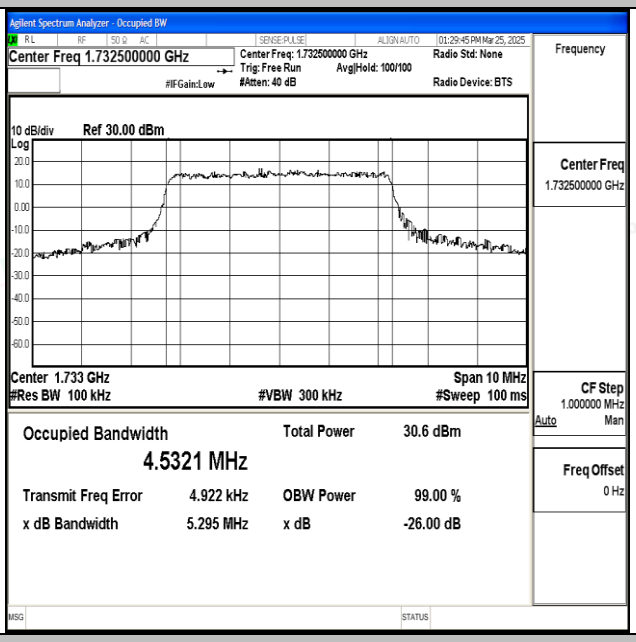
Band4-5MHz-QPSK-19975-25RB#0-PASS



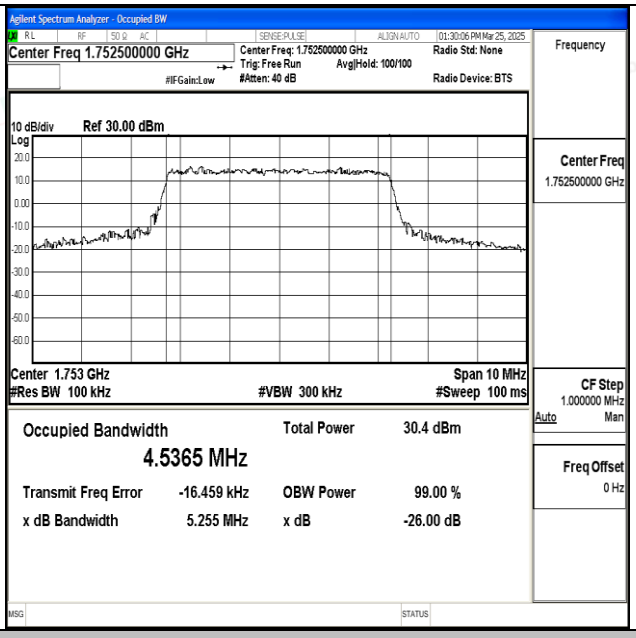
Band4-5MHz-16QAM-19975-25RB#0-PASS



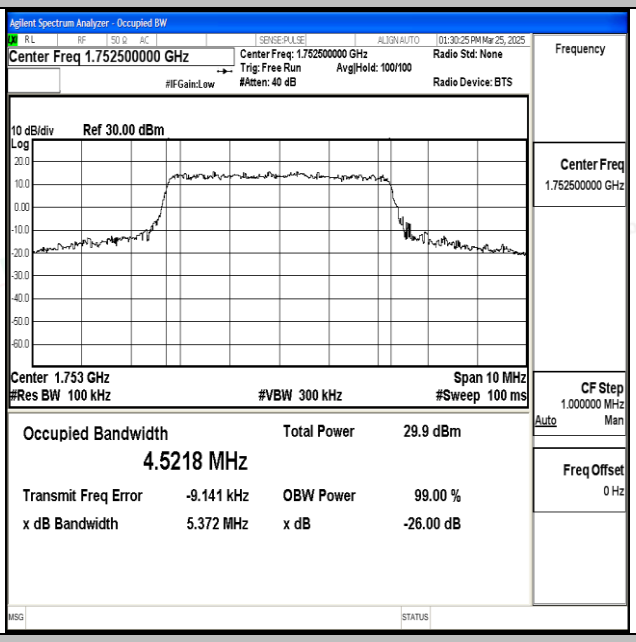
Band4-5MHz-QPSK-20175-25RB#0-PASS



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



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



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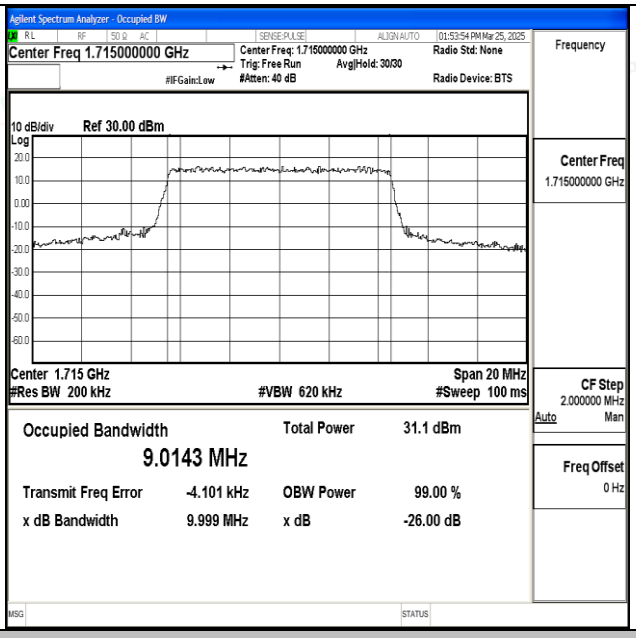

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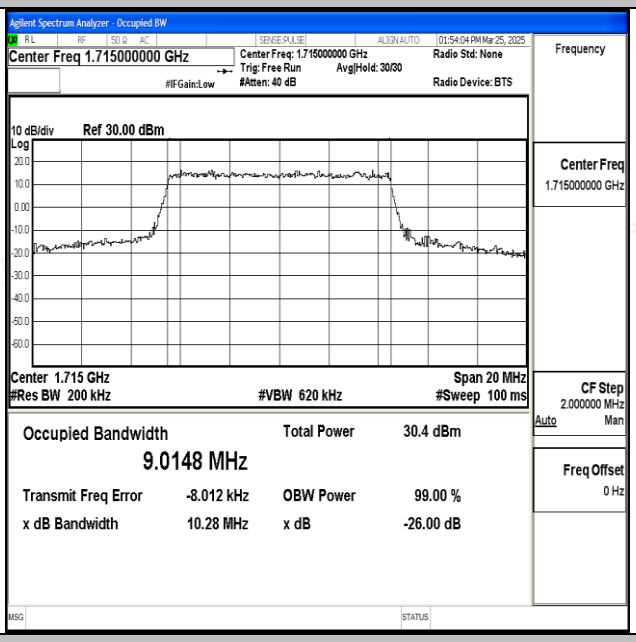

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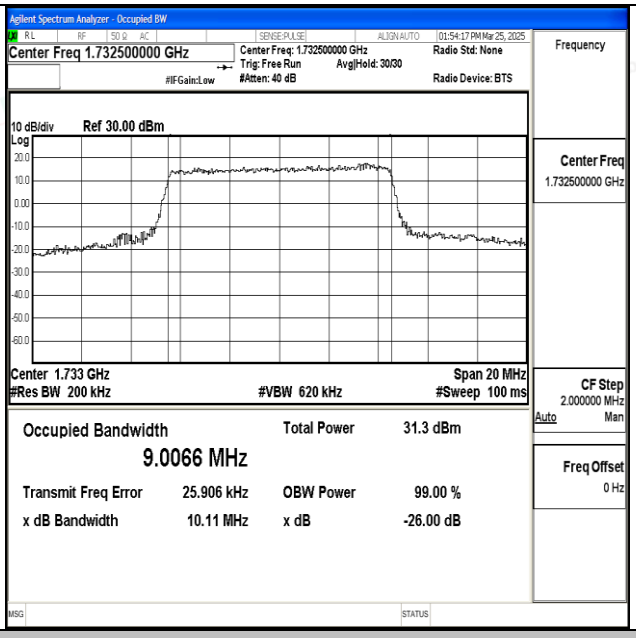

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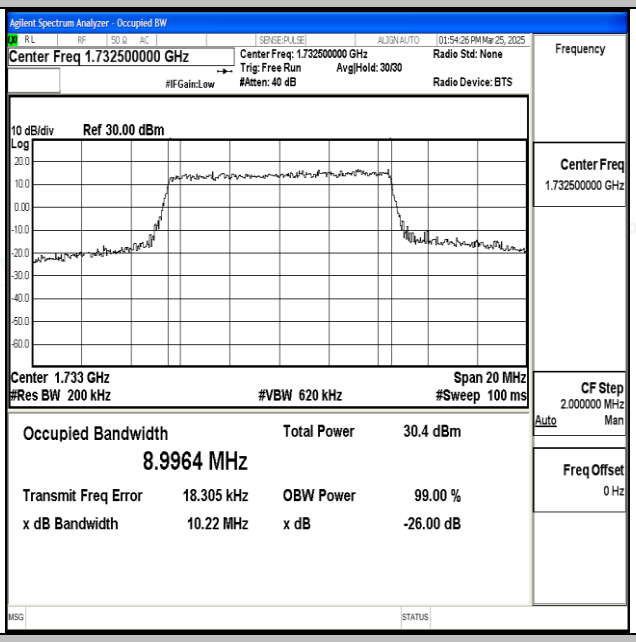

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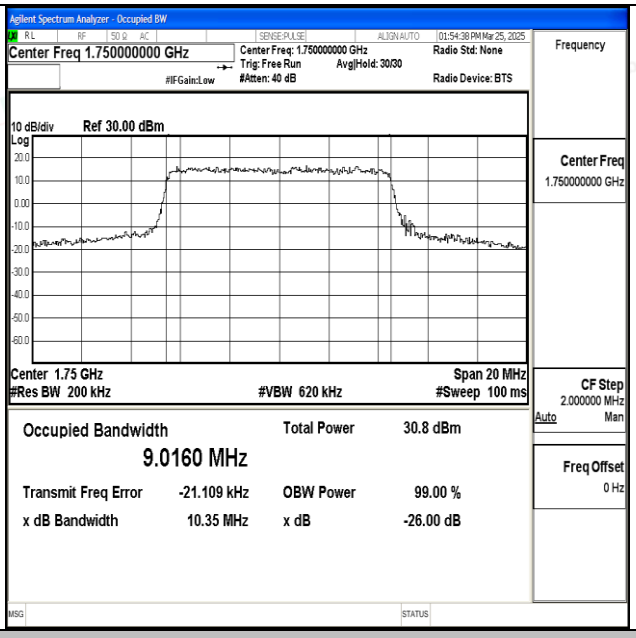

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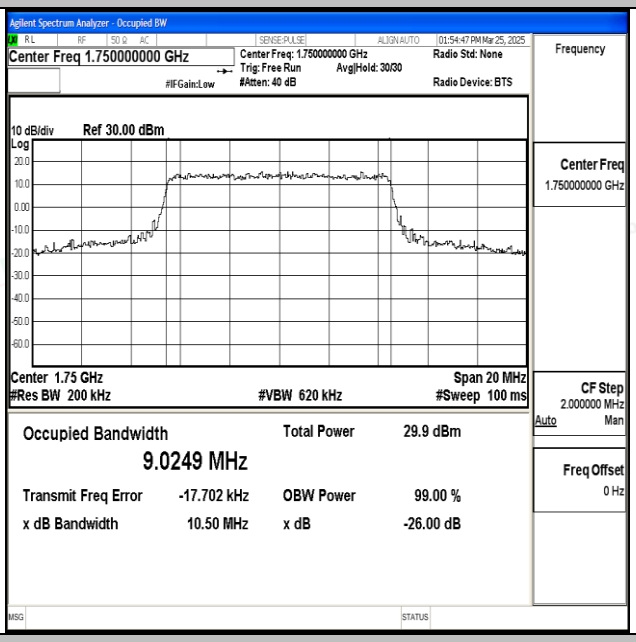

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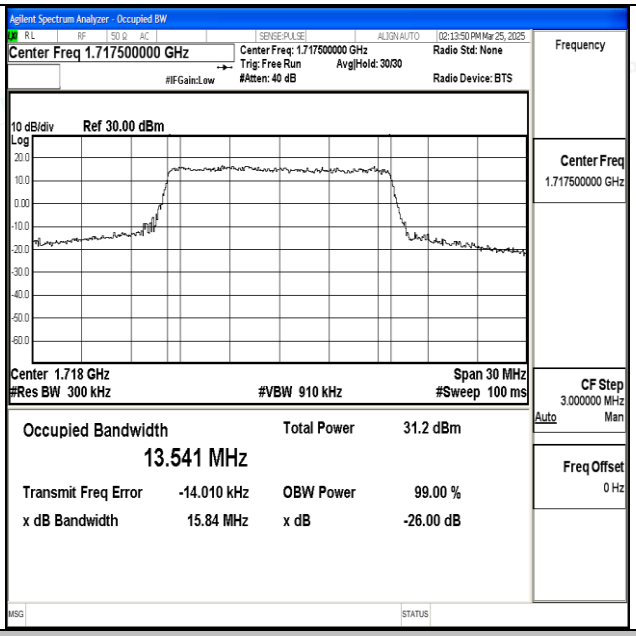
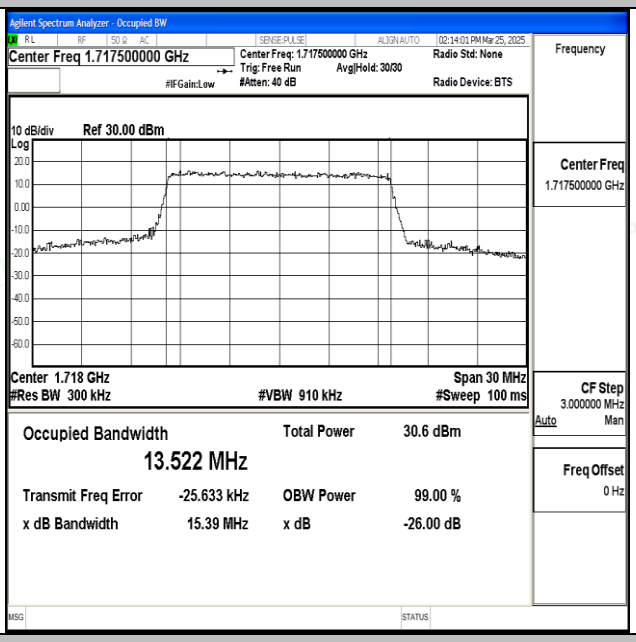


Band4-15MHz-QPSK-20025-75RB#0-PASS



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