Appendix H: Test Data for E-UTRA Band 4

Product Name: Smart Phone

Test Model: HPPL67A

Environmental Conditions

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

H.1 Conducted Power Output Data Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	20.57	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.47	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	20.69	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.53	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	20.65	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.02	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	20.68	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	19.51	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	20.66	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	19.58	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	20.73	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	19.58	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	19.87	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.06	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.24	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	19.87	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.14	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	19.80	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.18	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	19.85	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.19	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.19	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.26	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.13	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.23	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.18	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.41	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.63	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.76	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.13	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.79	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.18	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.84	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.35	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.02	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.91	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.03	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.91	PASS

Band4	1.4MHz	QPSK	20393	3RB#3	22.09	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.93	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.06	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.01	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.94	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.20	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.99	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.22	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.04	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.18	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.29	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.53	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.22	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.60	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.25	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.60	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.22	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.45	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.97	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.57	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.85	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.53	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.98	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.53	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.06	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.50	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.05	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.49	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.09	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.44	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.03	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.18	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.99	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.20	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.92	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.23	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.95	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.23	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.04	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.36	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.16	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.41	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.19	PASS

Band4	3MHz	16QAM	20385	8RB#7	21.41	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.13	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.49	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.08	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.78	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.06	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.76	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.06	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.69	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.29	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.41	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.30	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.47	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.31	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.44	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.25	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.55	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.84	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.36	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.79	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.29	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.87	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.04	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.19	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.40	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.18	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.39	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.16	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.32	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.12	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.27	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.77	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.01	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.84	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.05	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.83	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.28	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.23	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.21	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.24	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.23	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.27	PASS

Band4	5MHz	QPSK	20375	25RB#0	22.13	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.40	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.94	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.28	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.94	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.23	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.89	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.20	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.17	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.42	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.19	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.31	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.24	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.29	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.22	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.48	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.95	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.10	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.97	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.03	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.89	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.02	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.19	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.37	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.17	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.37	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.07	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.44	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.14	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.33	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.72	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.58	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.78	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.56	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.86	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.64	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.18	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.32	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.20	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.33	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.06	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.28	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.09	PASS

Band4	10MHz	16QAM	20350	50RB#0	21.35	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.98	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.22	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.90	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.22	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.84	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.16	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.14	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.14	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.23	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.23	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.23	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.22	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.22	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.42	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.65	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.17	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.53	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.01	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.03	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.21	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.11	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.12	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.20	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.19	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.18	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.18	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.18	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.35	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.75	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.41	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.79	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.45	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.87	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.43	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.17	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.18	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.18	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.19	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.19	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.19	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.19	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.34	PASS

Band4	20MHz	QPSK	20050	1RB#0	22.99	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.07	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.90	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.97	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.11	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.02	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.25	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.49	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.28	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.49	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.15	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.34	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.19	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.48	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.81	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.96	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.62	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.02	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.58	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.10	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.38	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.16	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.37	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.17	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.32	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.13	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.41	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.99	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.68	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.90	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.66	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.97	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.14	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.12	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.48	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.11	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.48	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.15	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.48	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.12	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.35	PASS

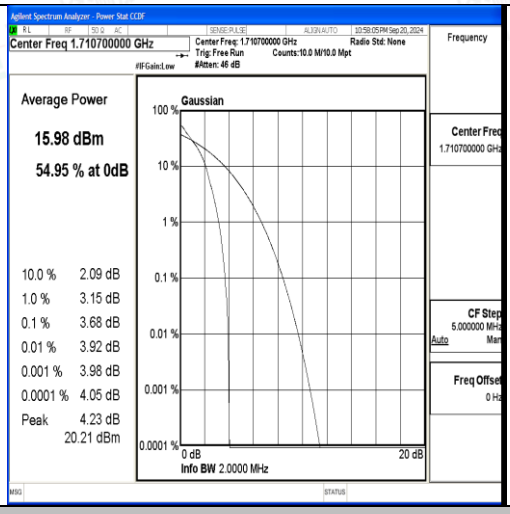
H.2 Peak-to-Average Ratio(CCDF)

Test Result

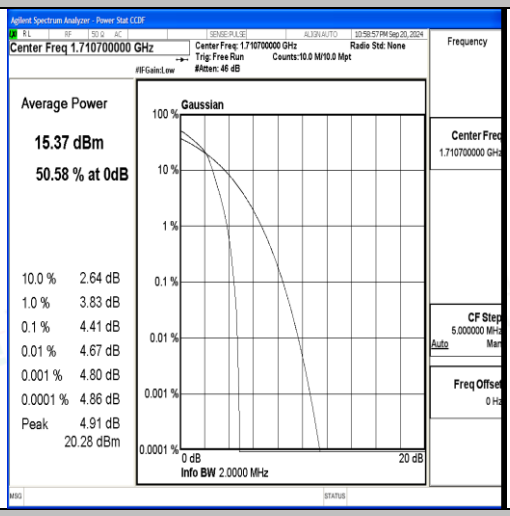
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	3.68	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.41	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.42	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.09	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.42	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.01	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.41	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.07	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.16	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3.64	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.10	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.75	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.69	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.49	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.42	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.12	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.46	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.27	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.42	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.15	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.10	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	3.95	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.02	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.71	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.79	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.56	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.91	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.48	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.52	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.53	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.86	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.52	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.09	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.05	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.62	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.17	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.71	13	PASS

Band4	10MHz	16QAM	20000	1RB#0	4.49	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.98	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.62	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.77	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.30	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.92	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.62	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.19	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.06	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.60	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.24	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.70	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.49	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.34	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.79	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.05	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.38	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.19	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.73	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.79	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.54	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.90	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.45	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.44	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.26	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.16	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.74	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.04	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.40	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.97	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.68	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.47	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	4.12	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.64	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.32	13	PASS

Test Graphs



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



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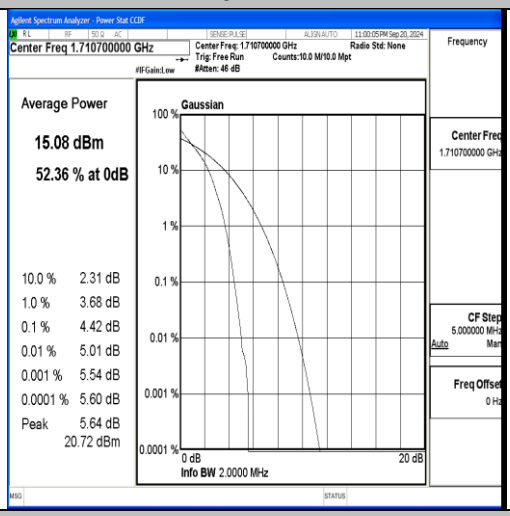

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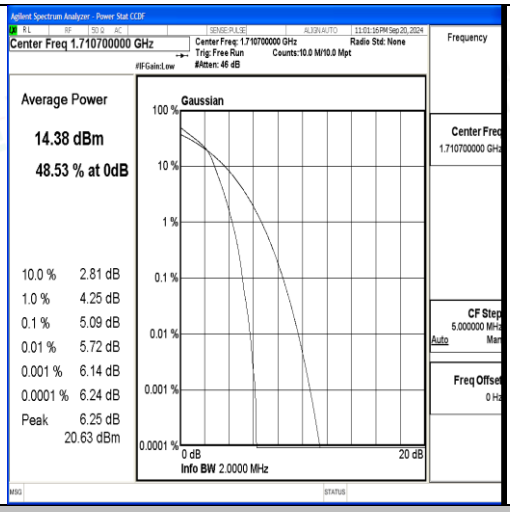

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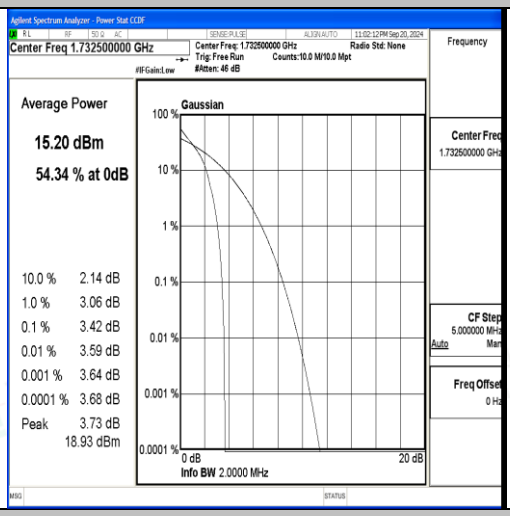

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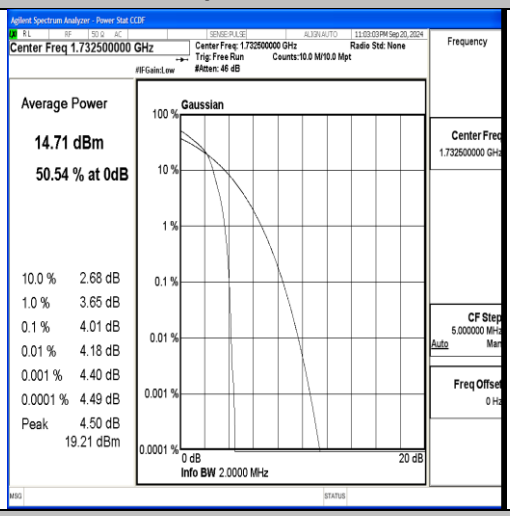

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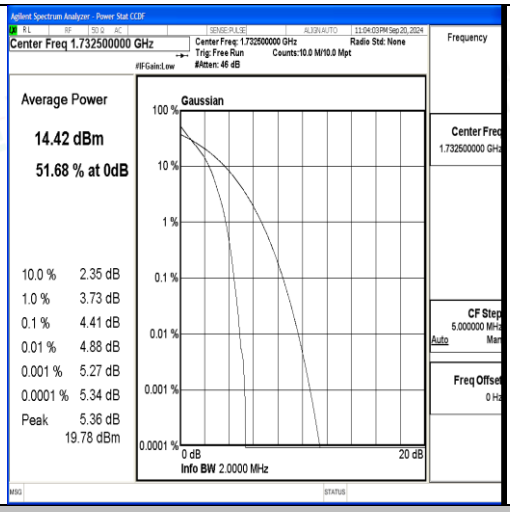

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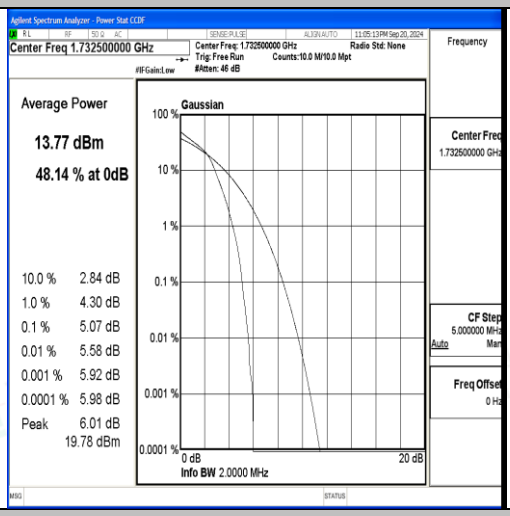

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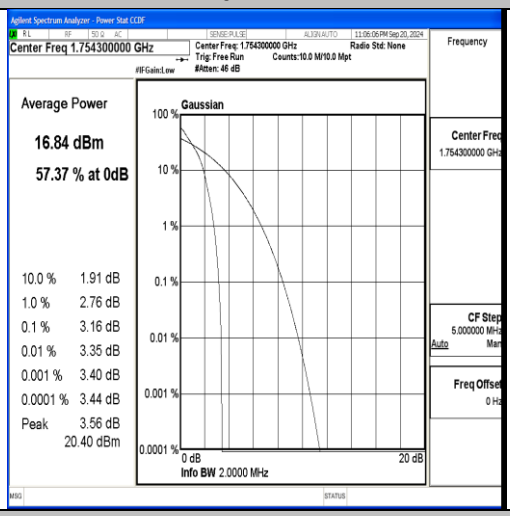

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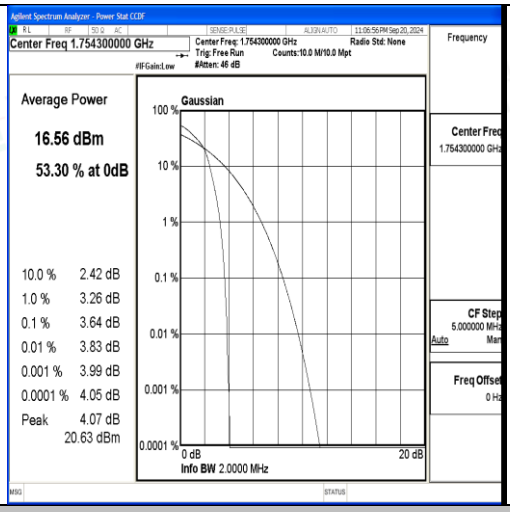

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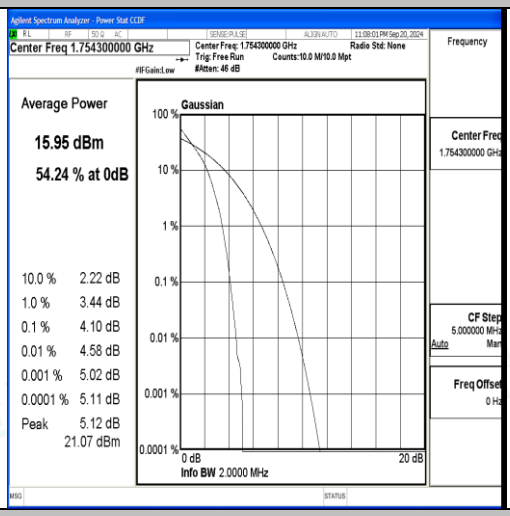

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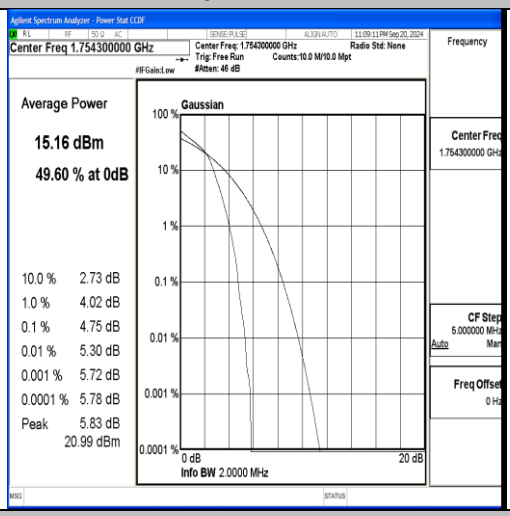

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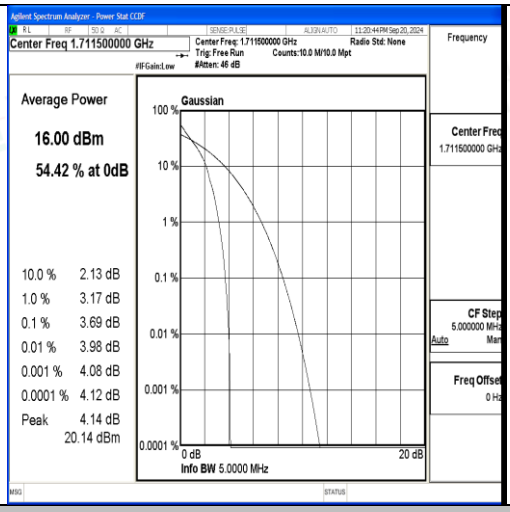

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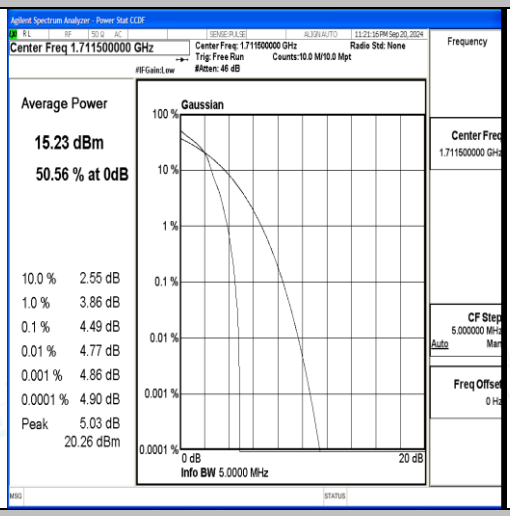

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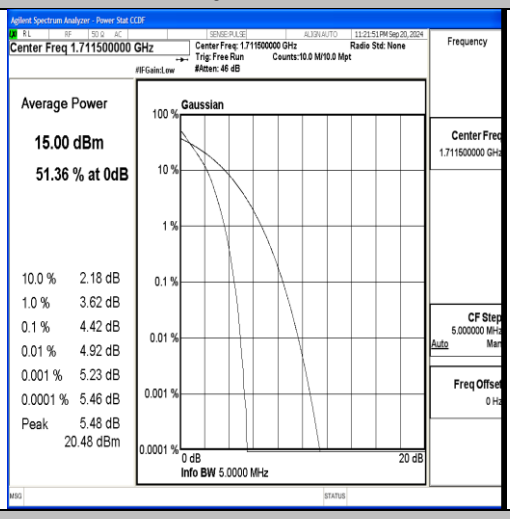

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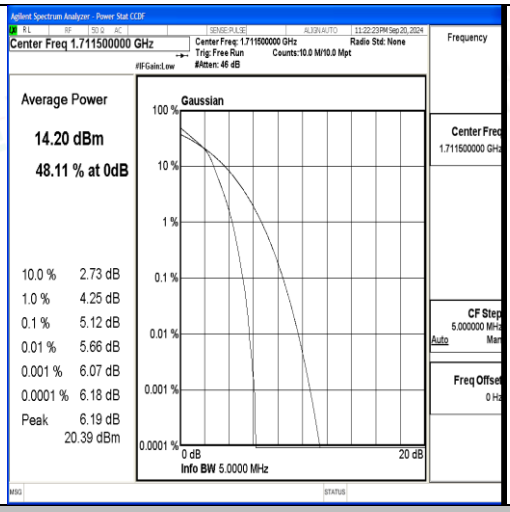

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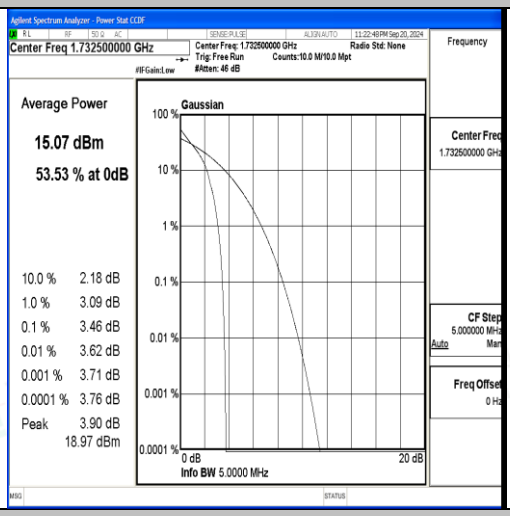

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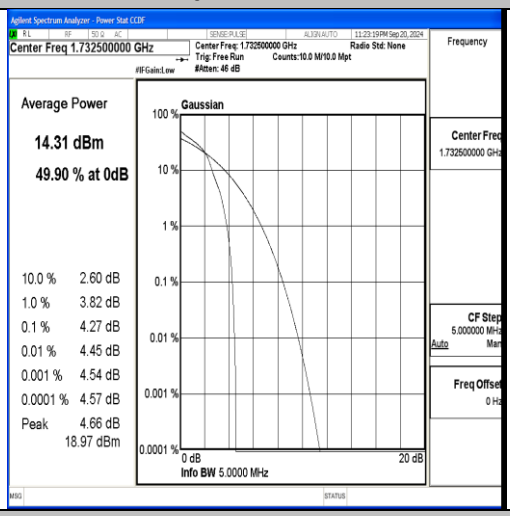

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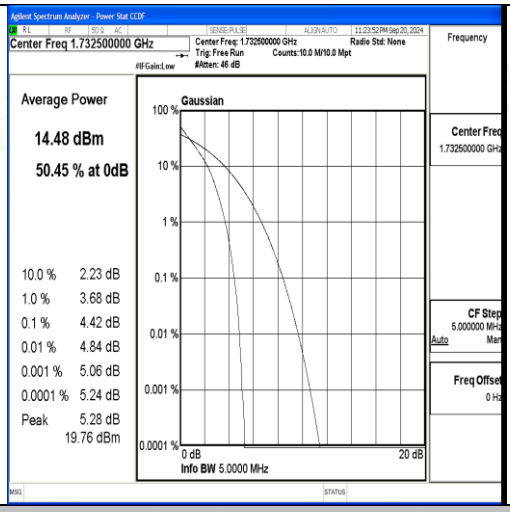

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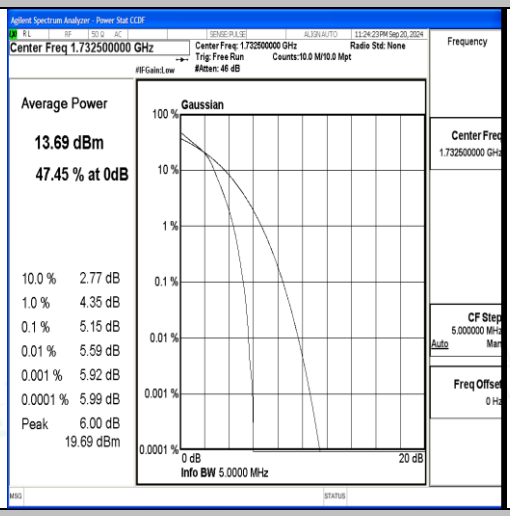

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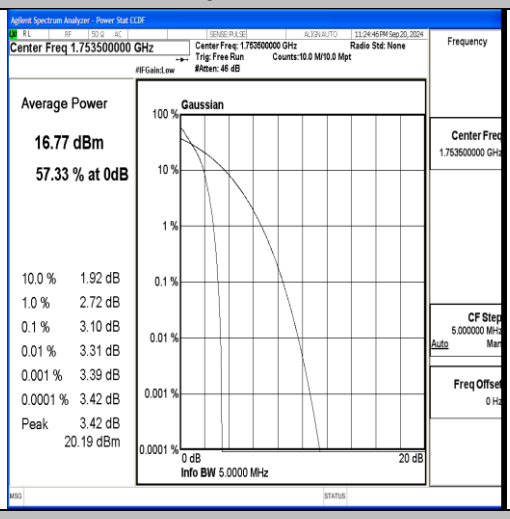

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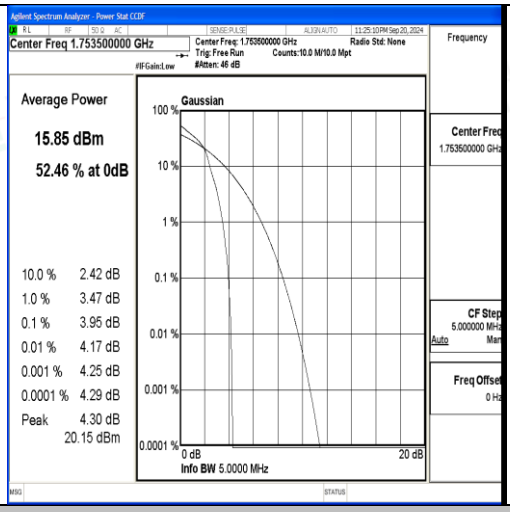

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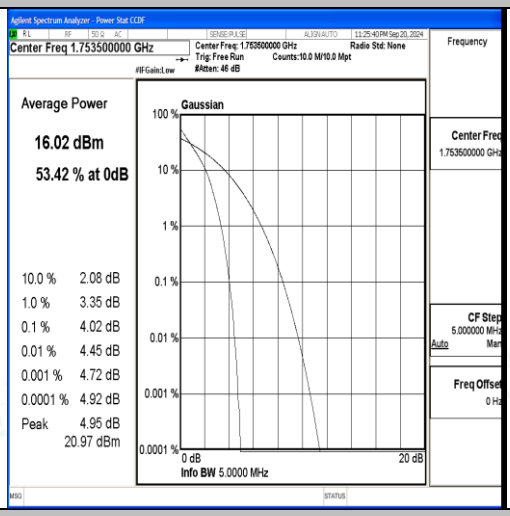

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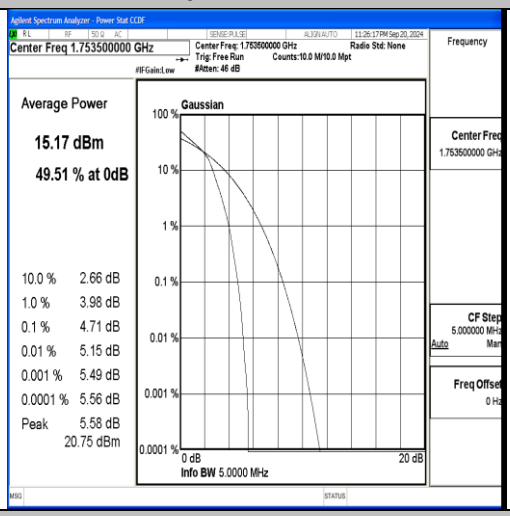

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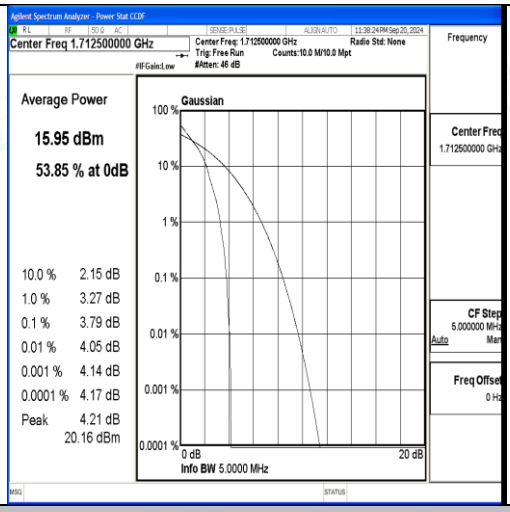

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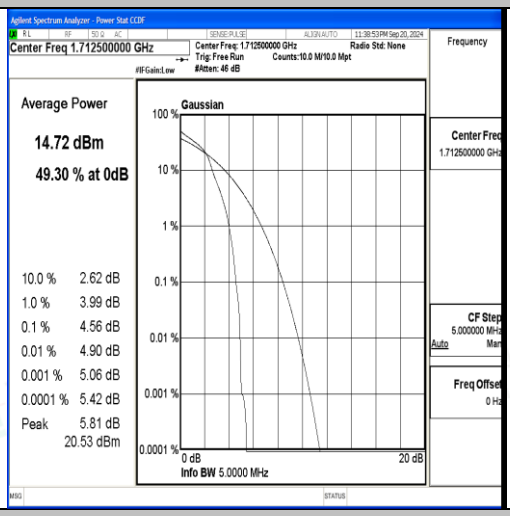

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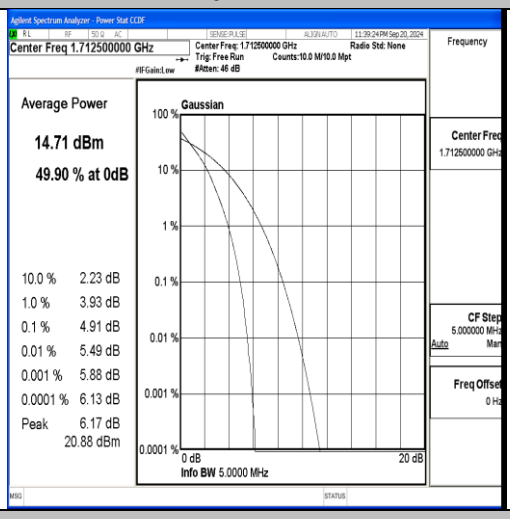

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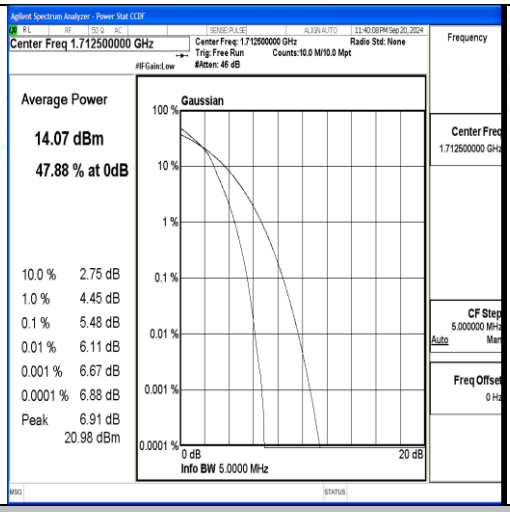

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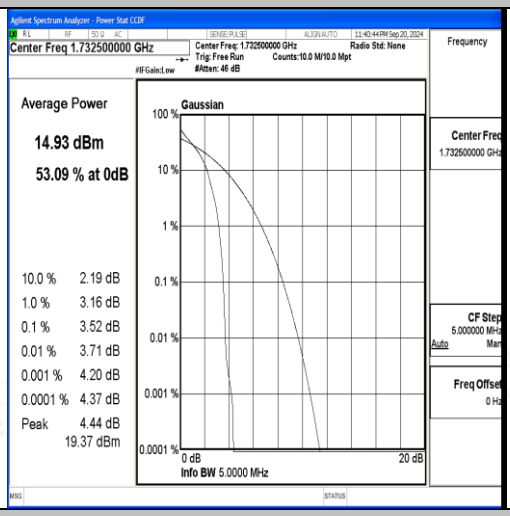

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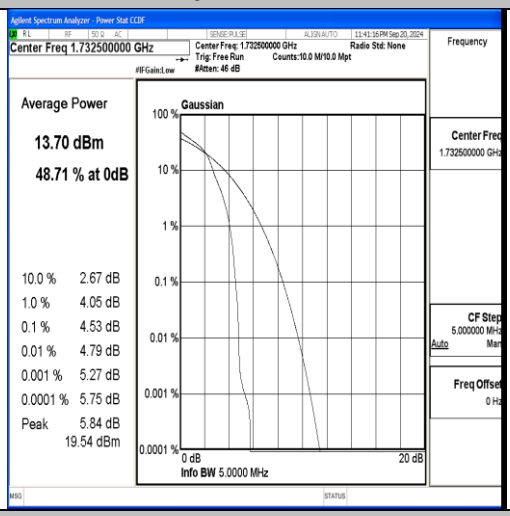

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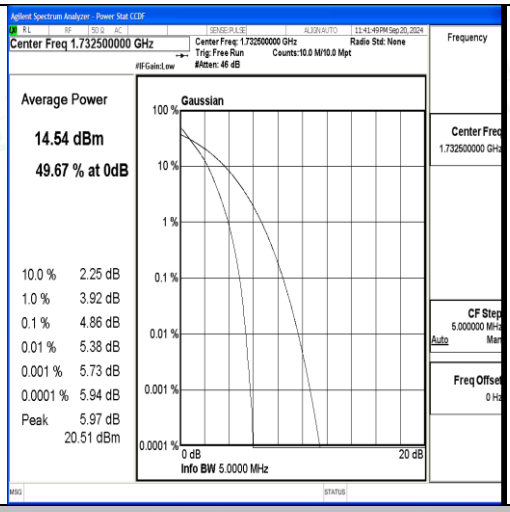

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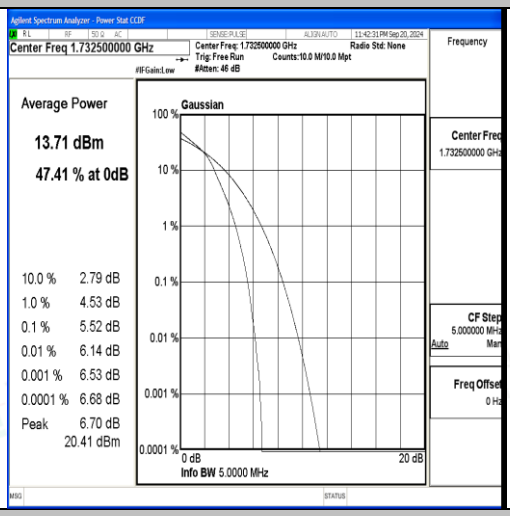

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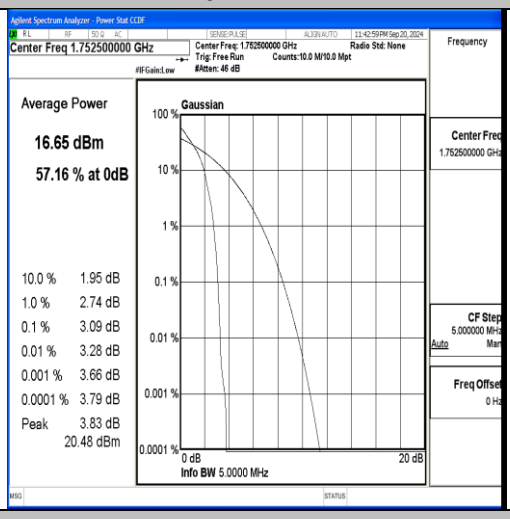

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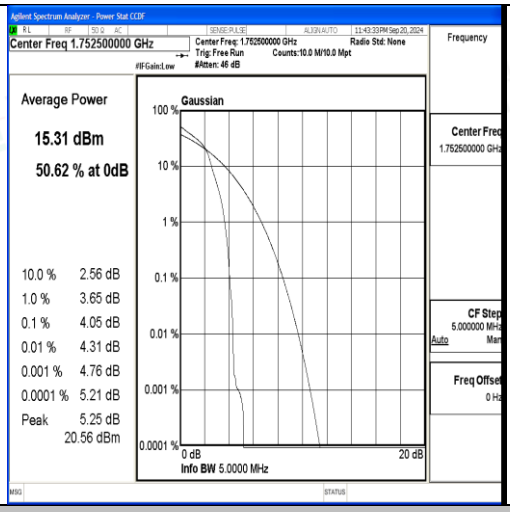

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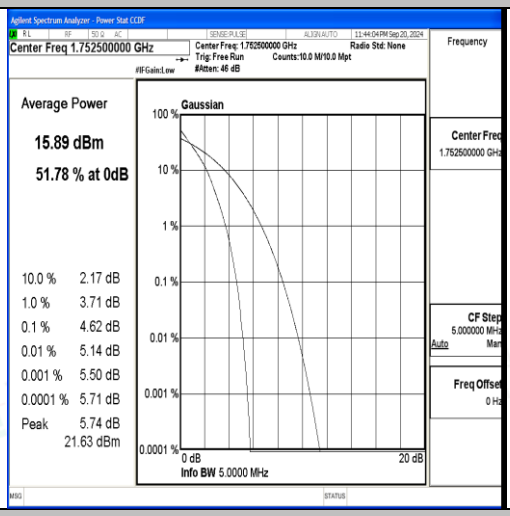

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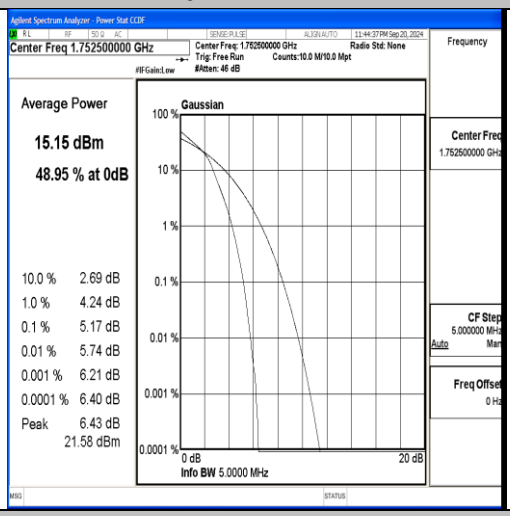

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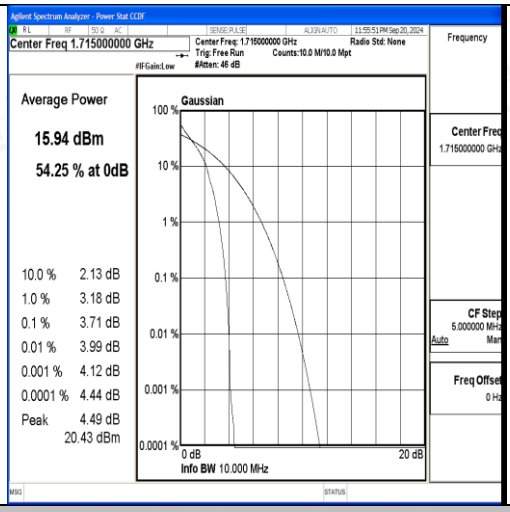

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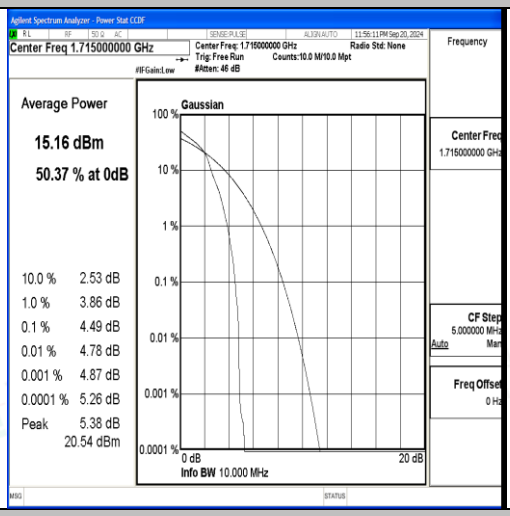

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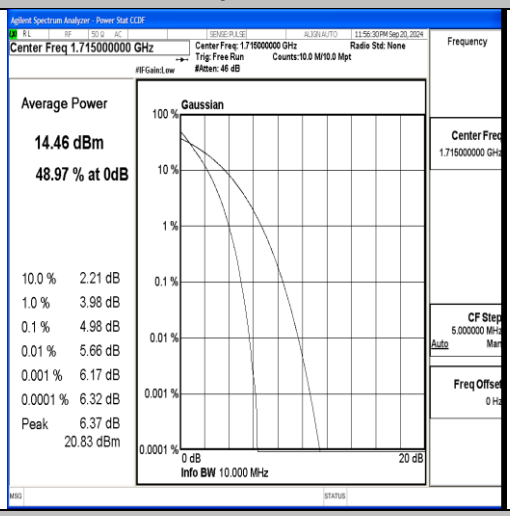

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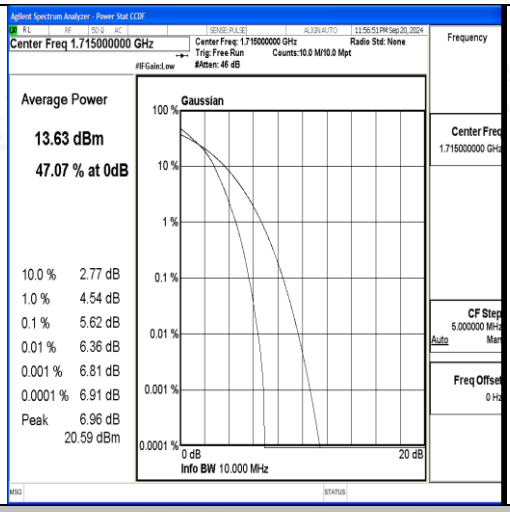

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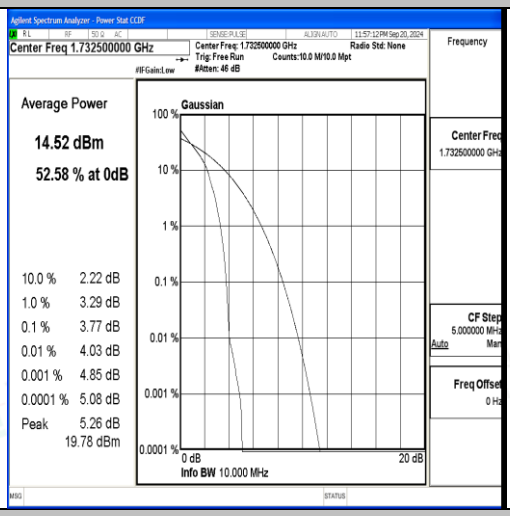
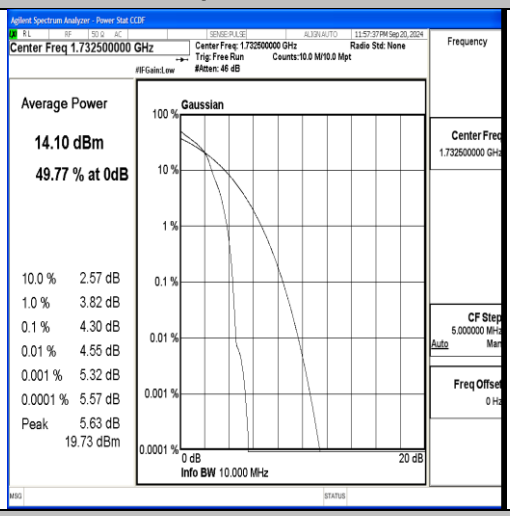


Band4-10MHz-QPSK-20175-1RB#0-PASS



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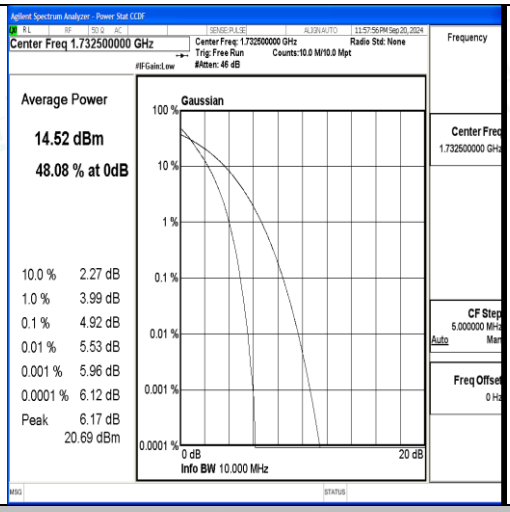

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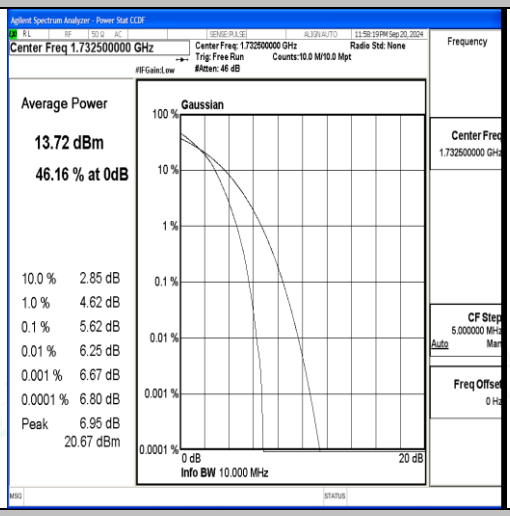
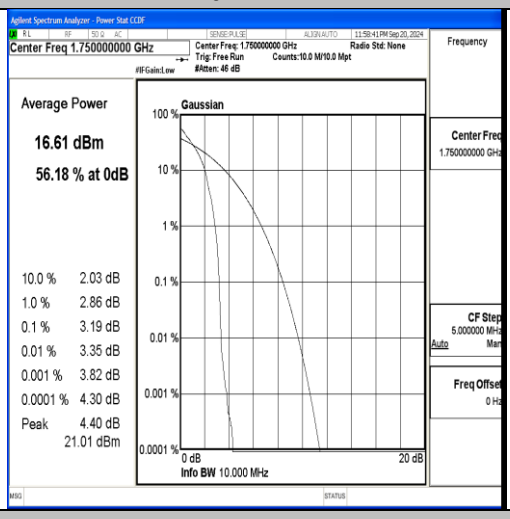
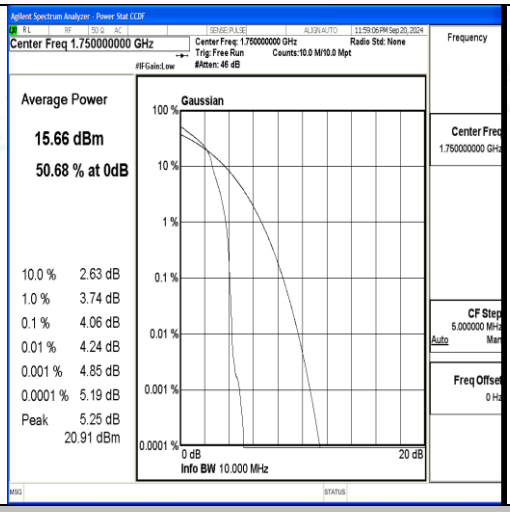


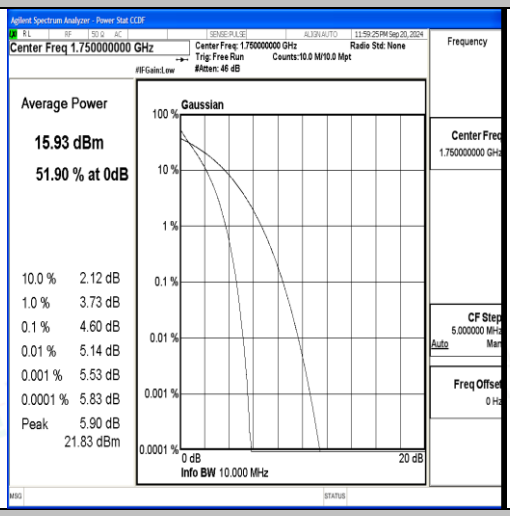
Band4-10MHz-16QAM-20175-50RB#0-PASS



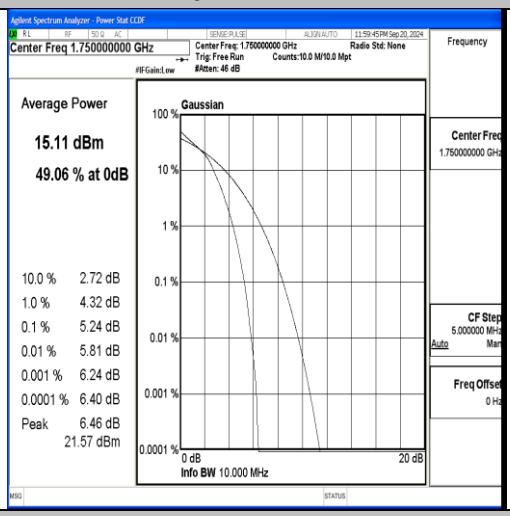
Band4-10MHz-QPSK-20350-1RB#0-PASS



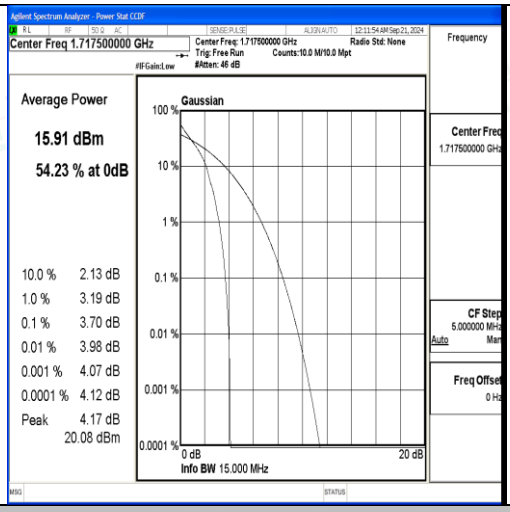
Band4-10MHz-16QAM-20350-1RB#0-PASS



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



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



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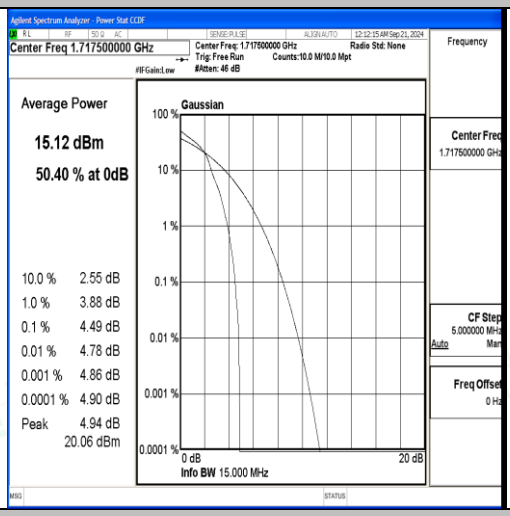

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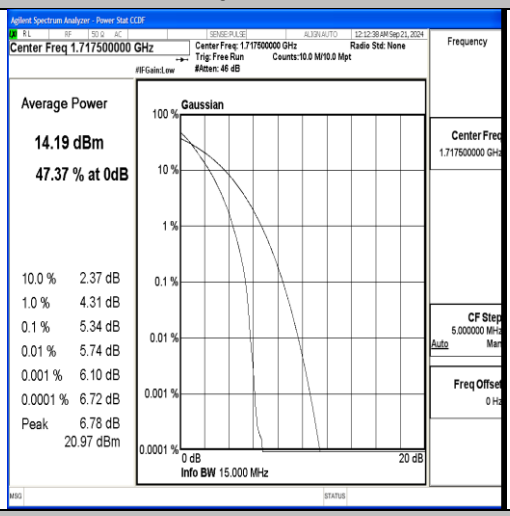

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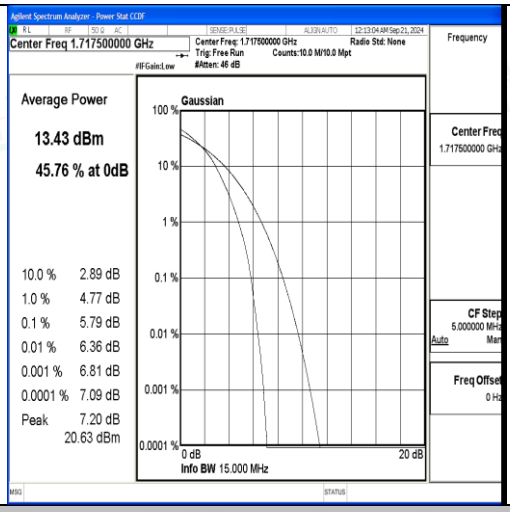

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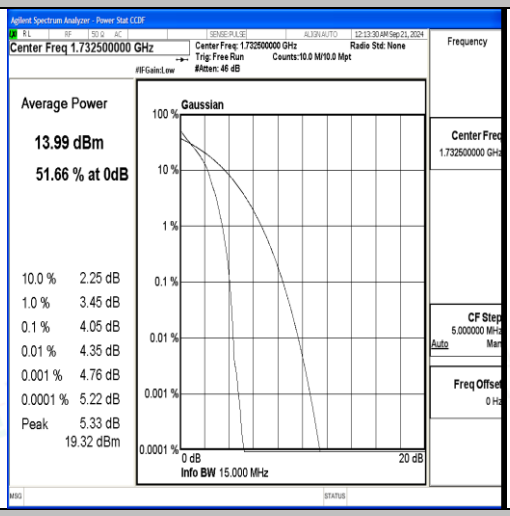

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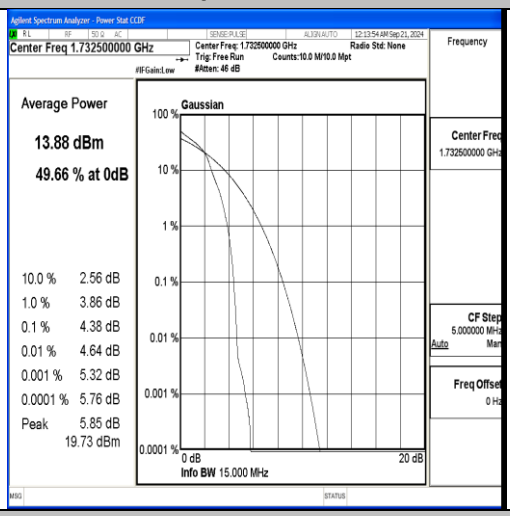

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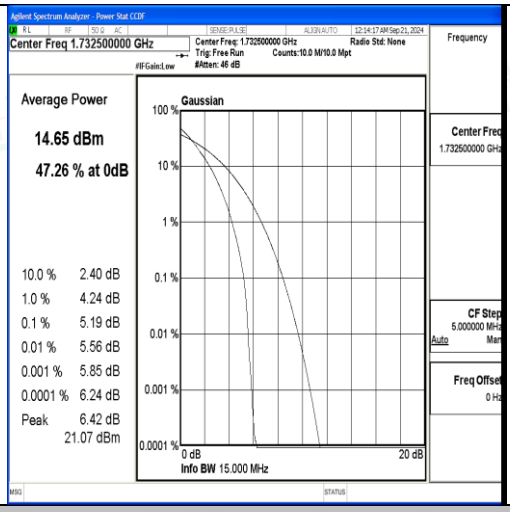

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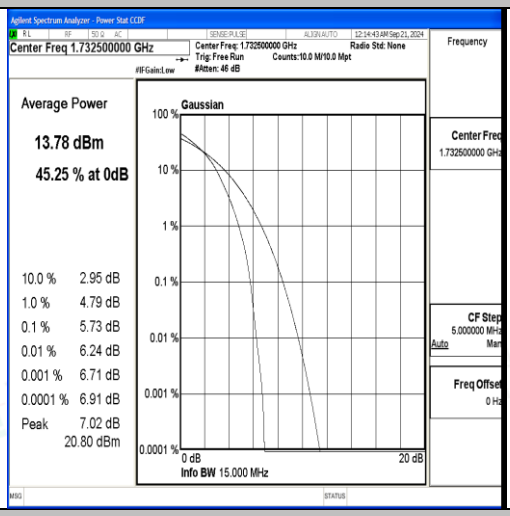

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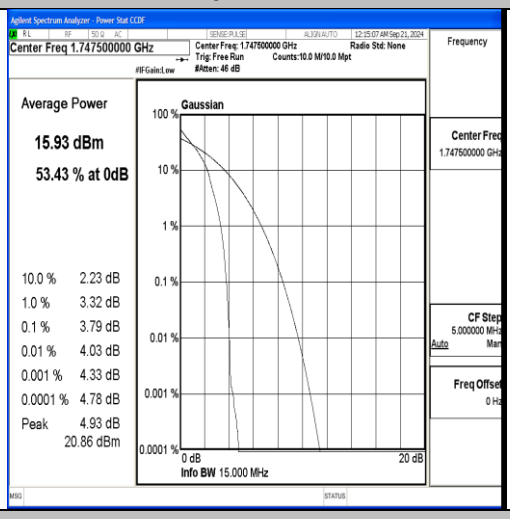

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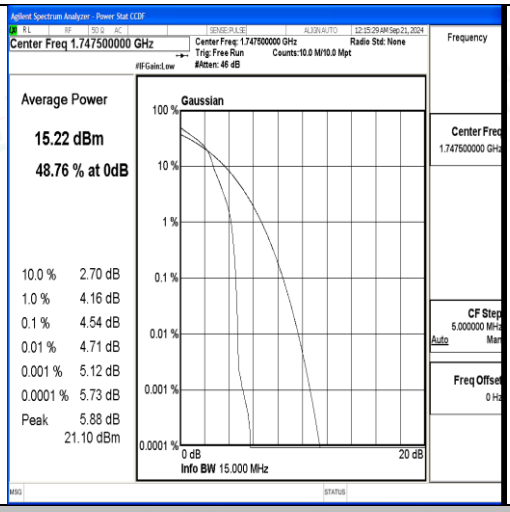

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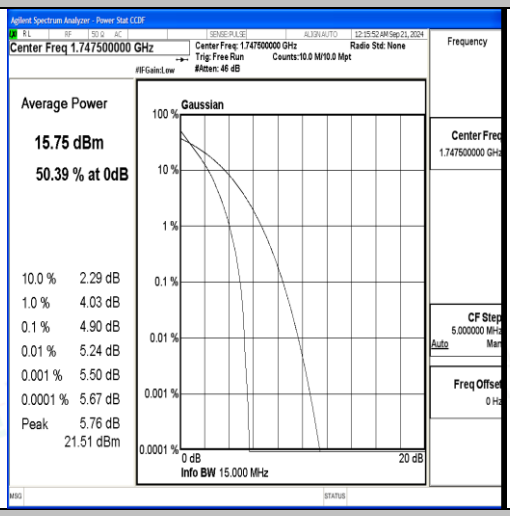

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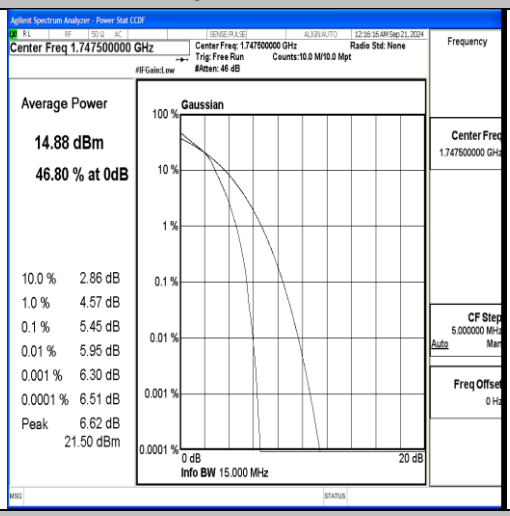

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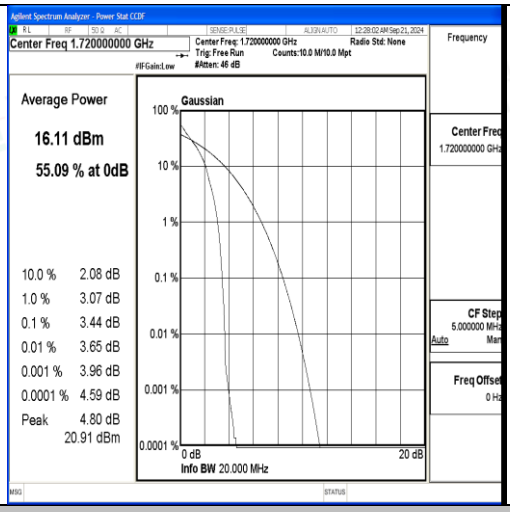
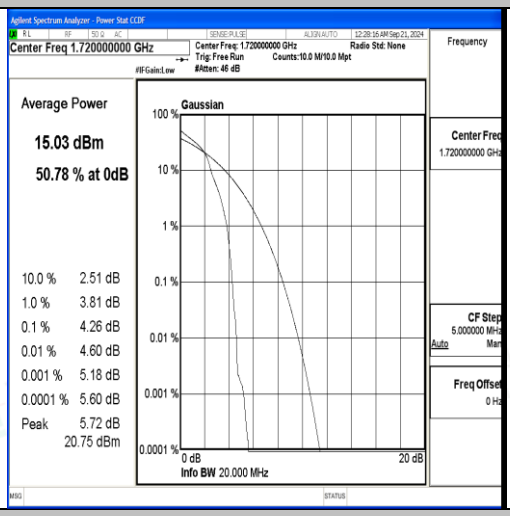


Band4-20MHz-QPSK-20050-1RB#0-PASS



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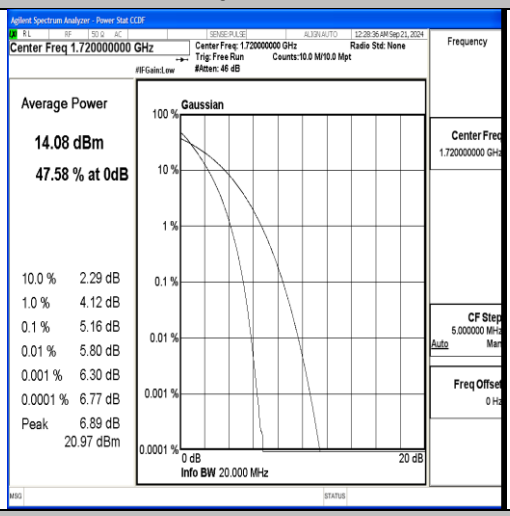

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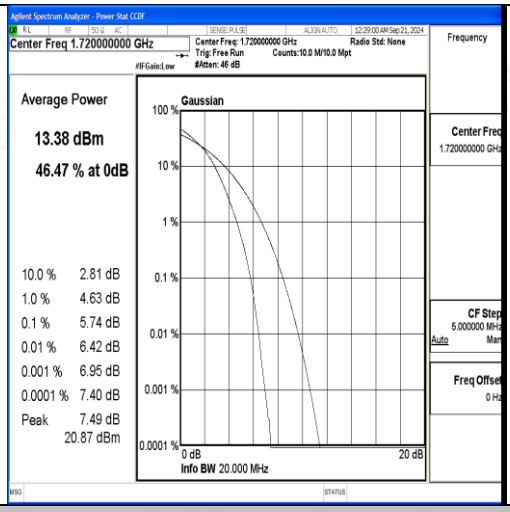

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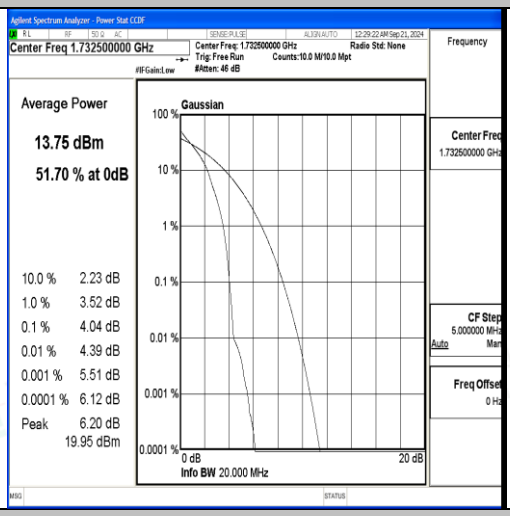
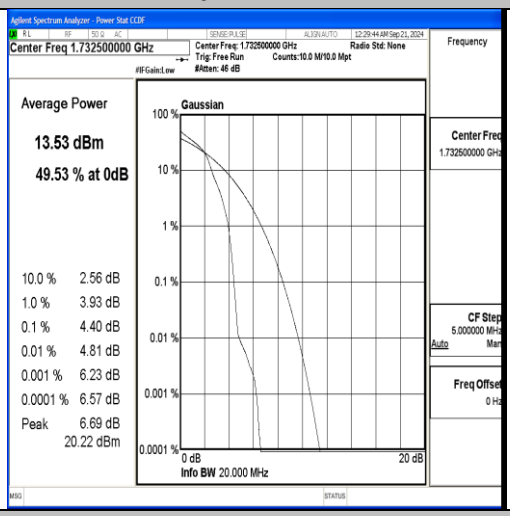


Band4-20MHz-QPSK-20175-1RB#0-PASS



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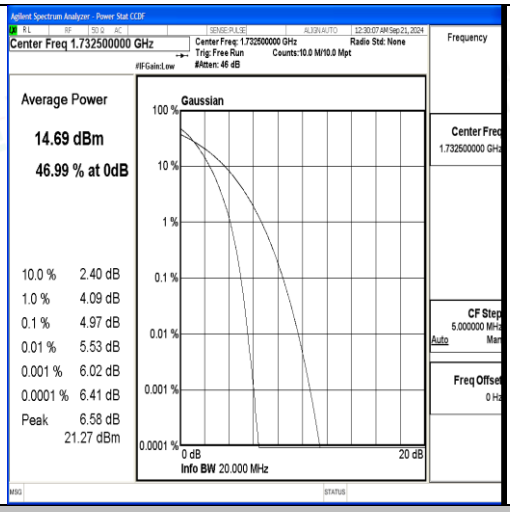

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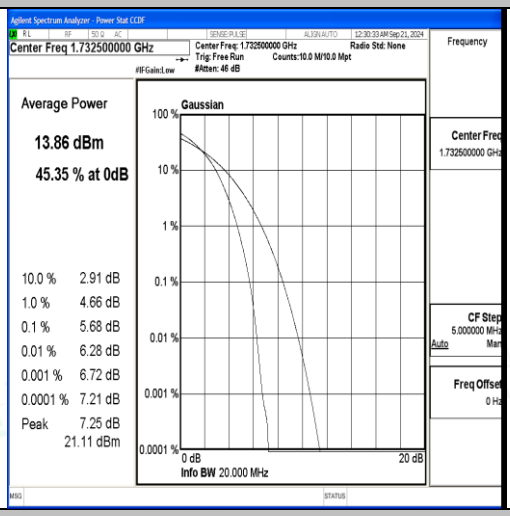

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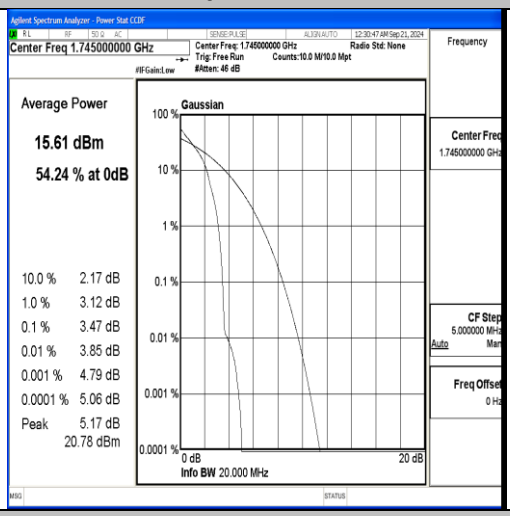

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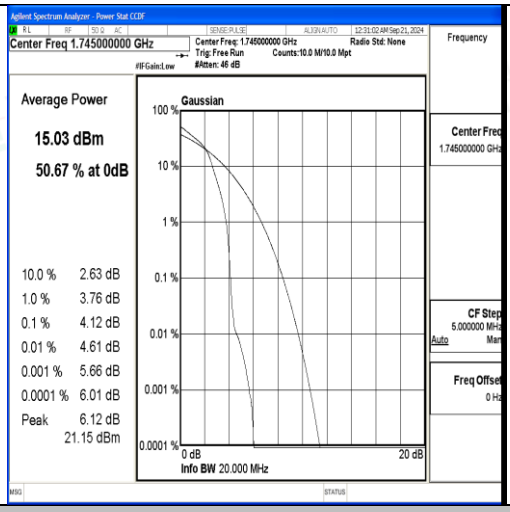

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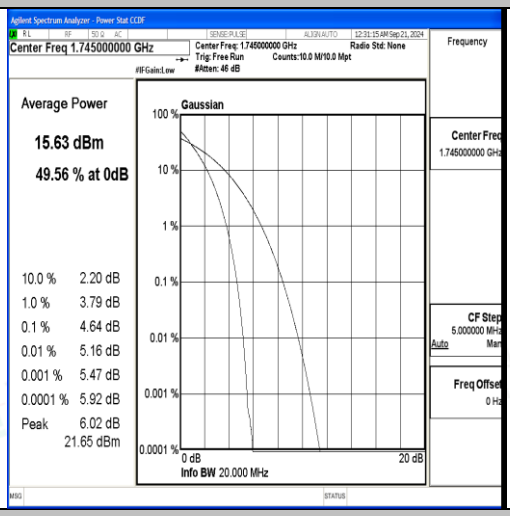
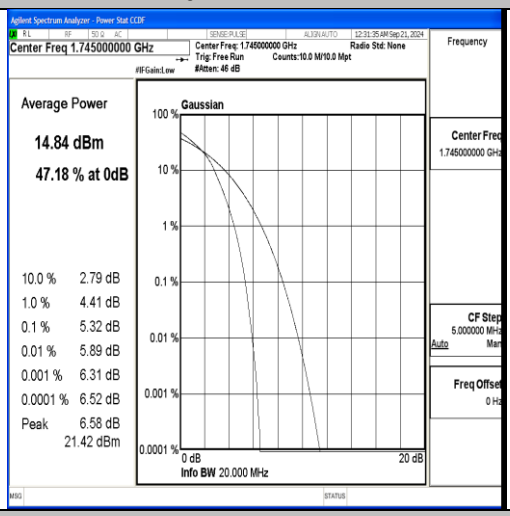


Band4-20MHz-QPSK-20300-100RB#0-PASS



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

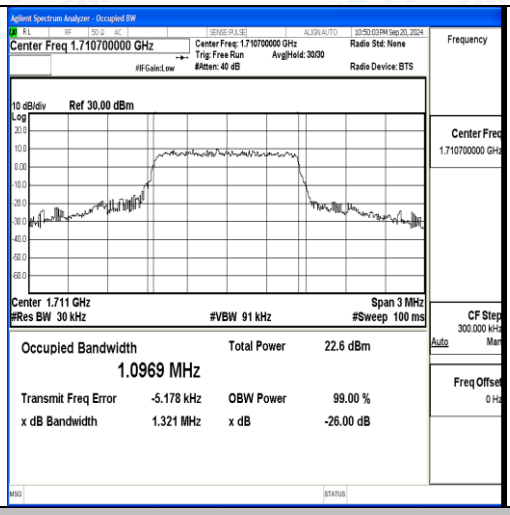
H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

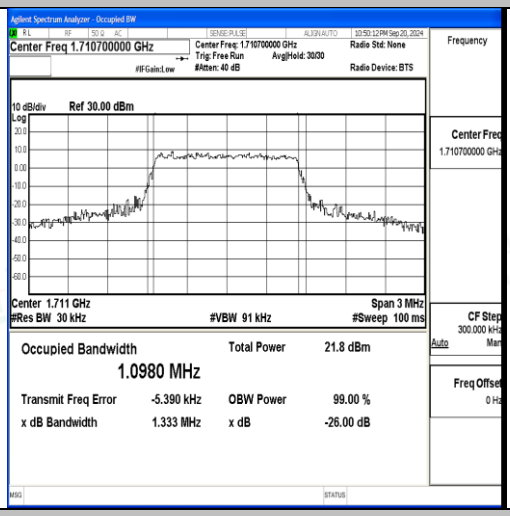
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0969	1.321	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0980	1.333	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1008	1.331	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1034	1.396	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0990	1.474	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1120	1.466	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7184	3.106	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7001	3.126	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7209	3.124	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7031	3.123	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7220	3.273	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7190	3.184	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5253	5.431	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5193	5.356	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5184	5.248	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5223	5.568	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5293	5.348	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5235	5.364	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0080	10.04	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0248	10.03	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0048	10.15	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9994	10.12	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0226	10.35	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0235	10.91	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.565	15.46	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.552	14.83	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.522	15.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.529	14.84	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.505	15.76	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.513	14.98	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.111	20.11	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.105	20.41	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.988	20.18	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.016	19.73	PASS

Band4	20MHz	QPSK	20300	100RB#0	18.000	20.04	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.977	20.20	PASS

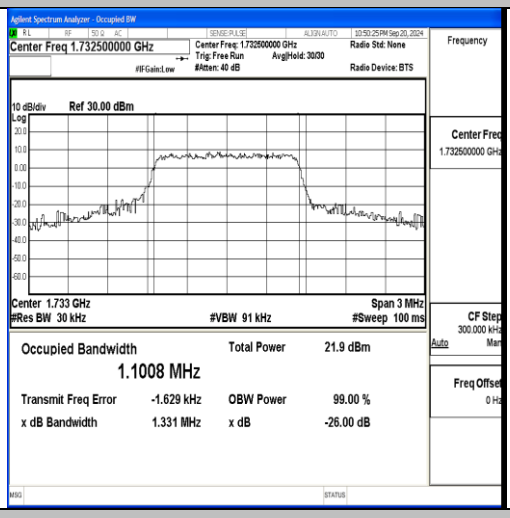
Test Graphs



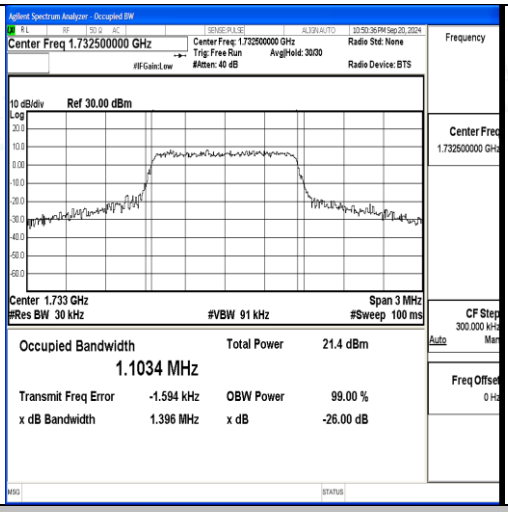
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



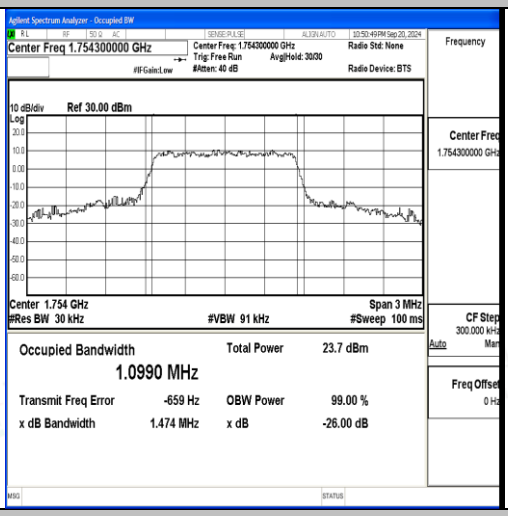
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



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



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



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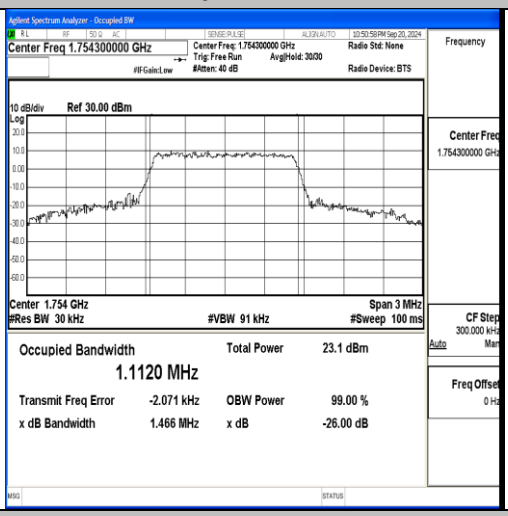
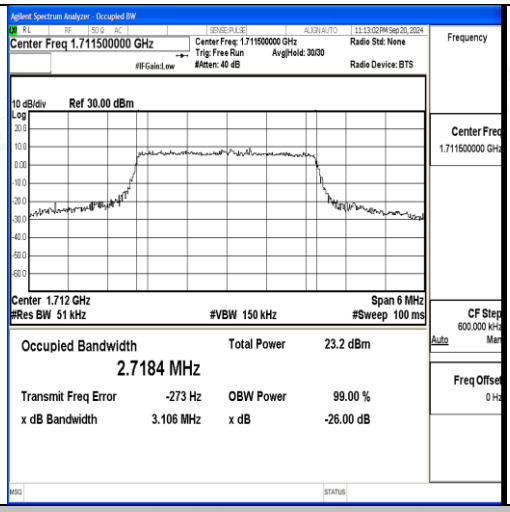
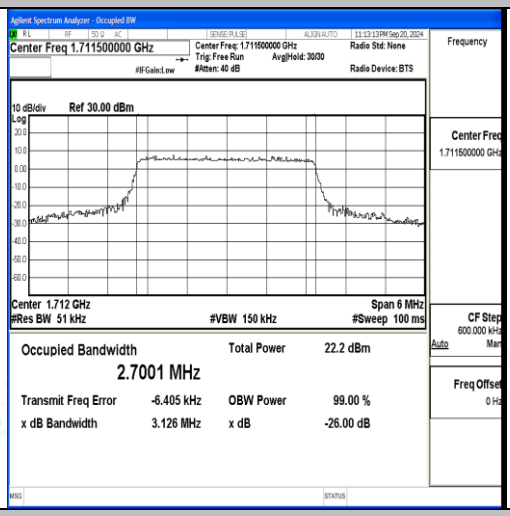


Band4-1.4MHz-16QAM-20393-6RB#0-PASS



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



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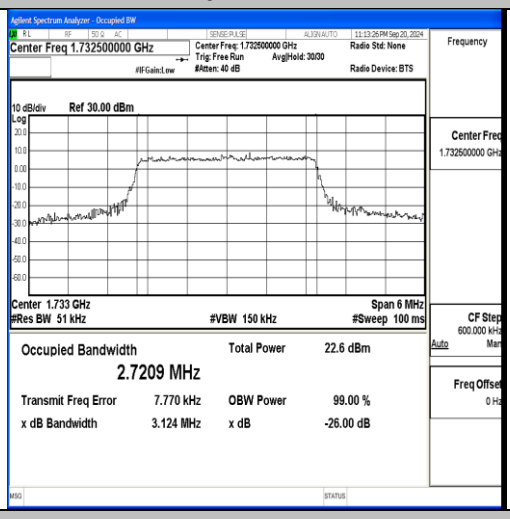

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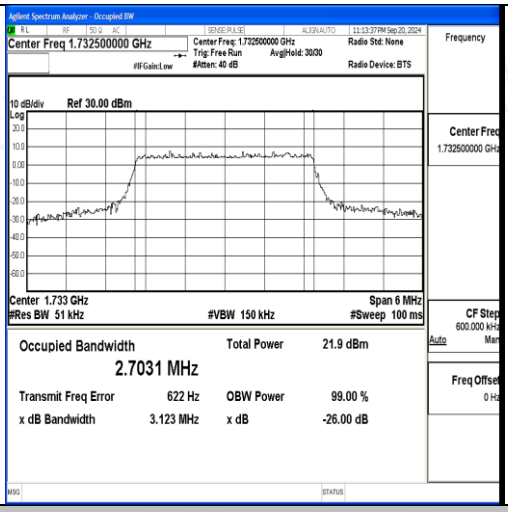
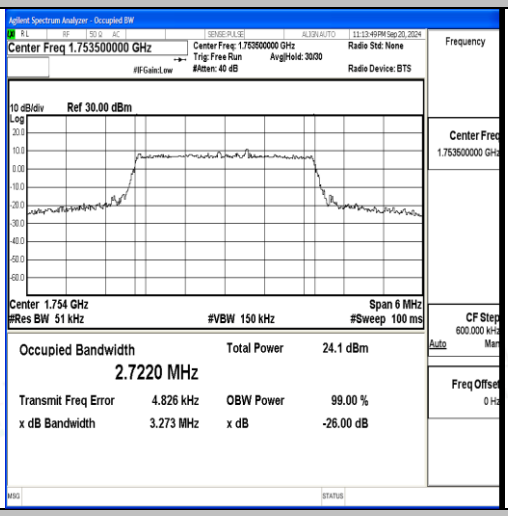


Band4-3MHz-16QAM-20175-15RB#0-PASS



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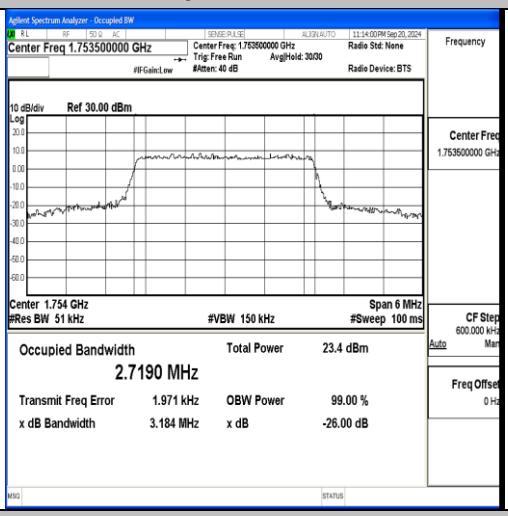
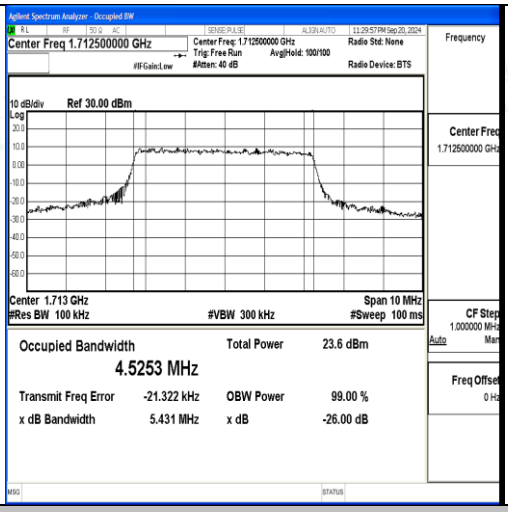
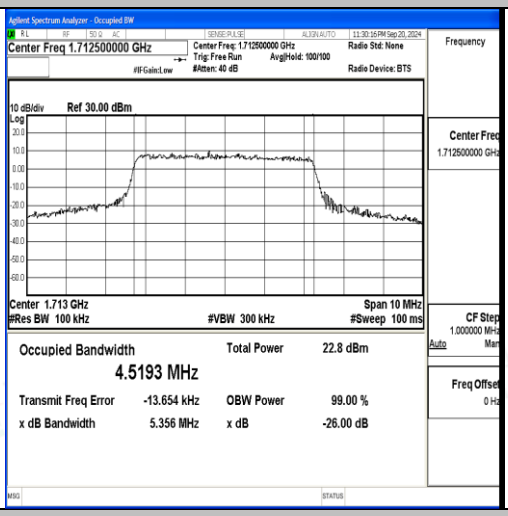


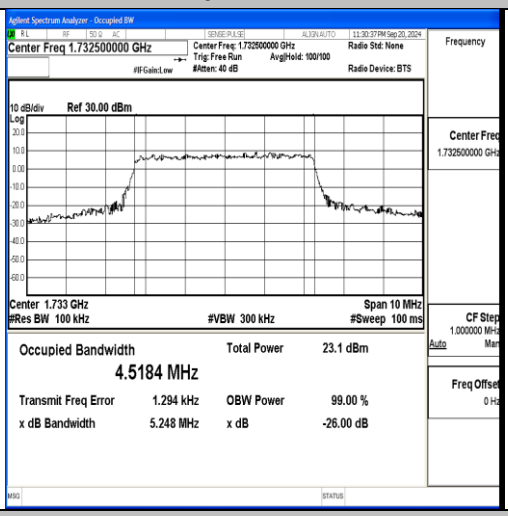
Band4-3MHz-16QAM-20385-15RB#0-PASS



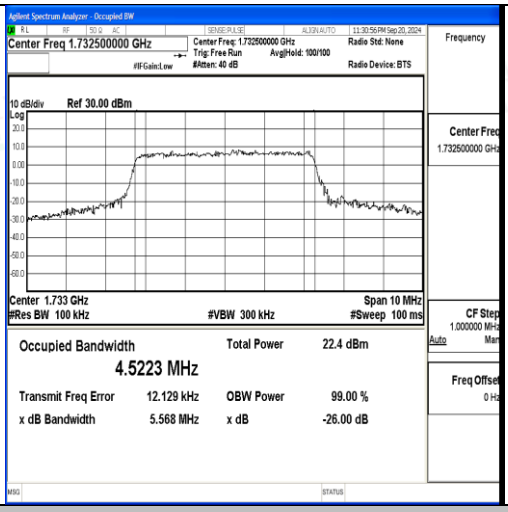
Band4-5MHz-QPSK-19975-25RB#0-PASS



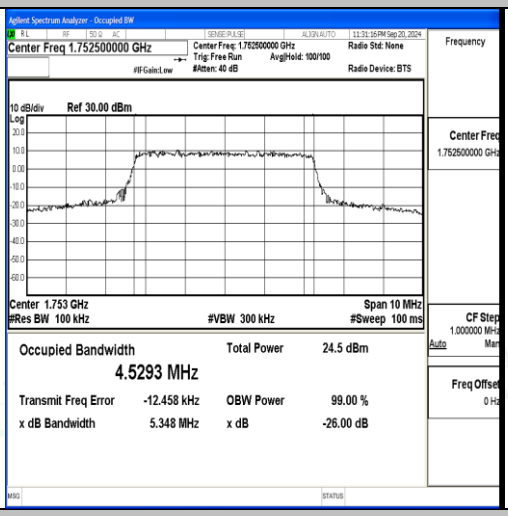
Band4-5MHz-16QAM-19975-25RB#0-PASS



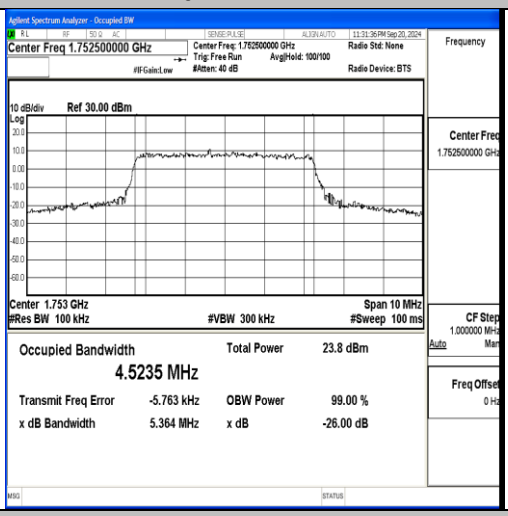
Band4-5MHz-QPSK-20175-25RB#0-PASS



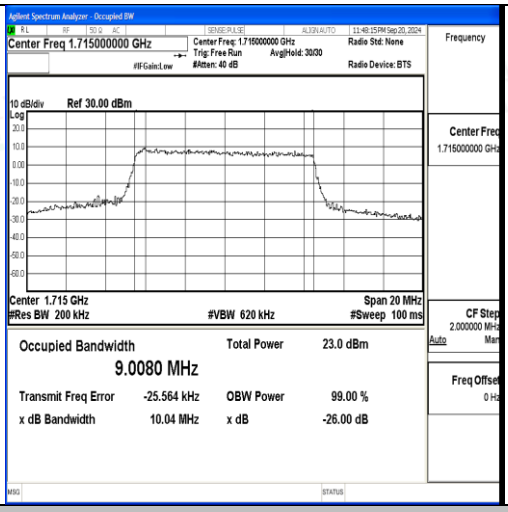
Band4-5MHz-16QAM-20175-25RB#0-PASS



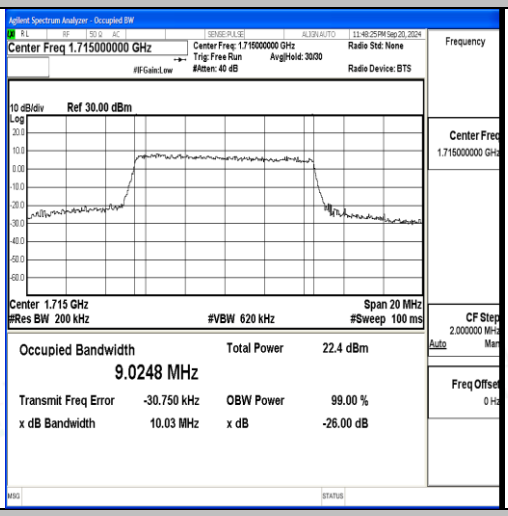
Band4-5MHz-QPSK-20375-25RB#0-PASS



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



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



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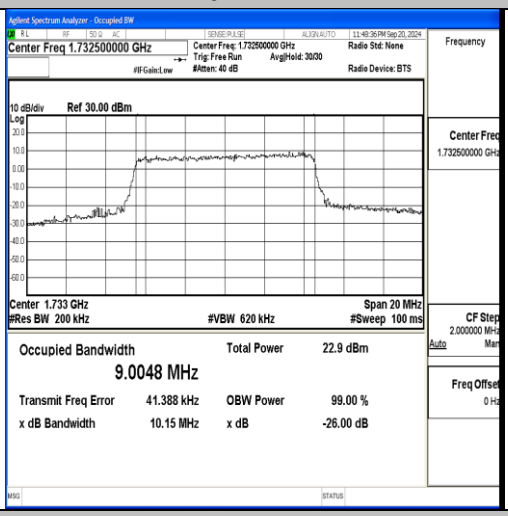

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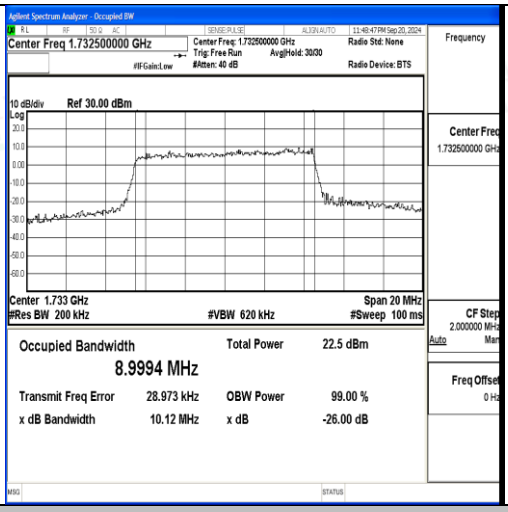

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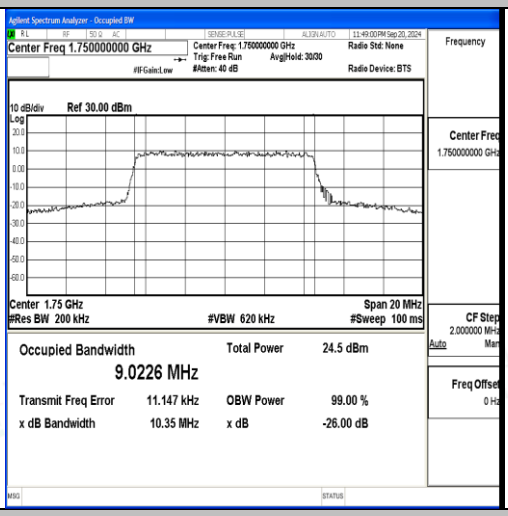

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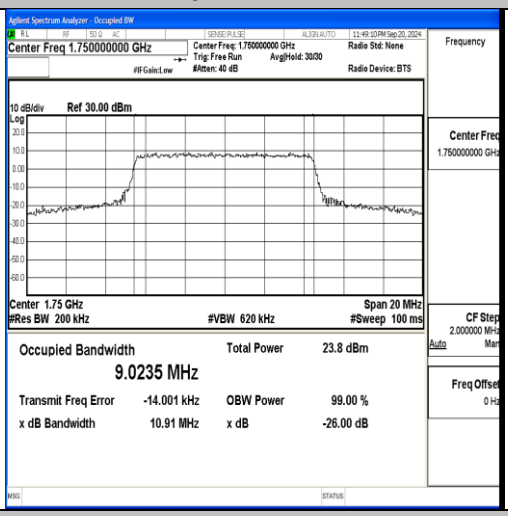

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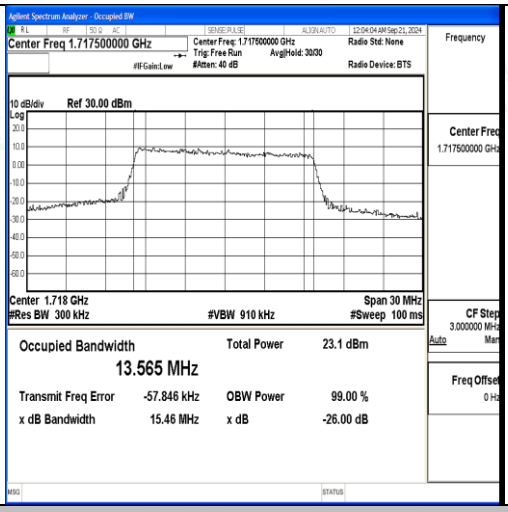

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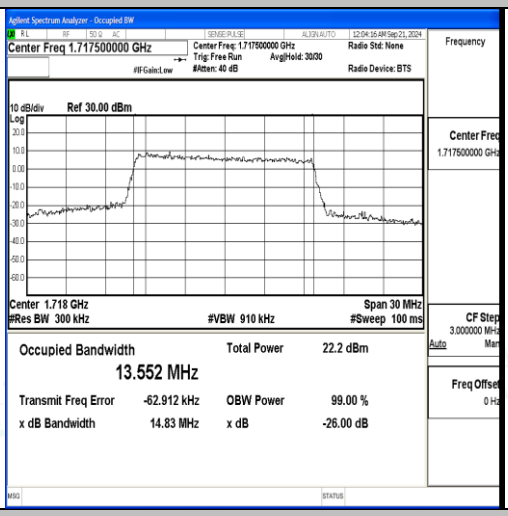

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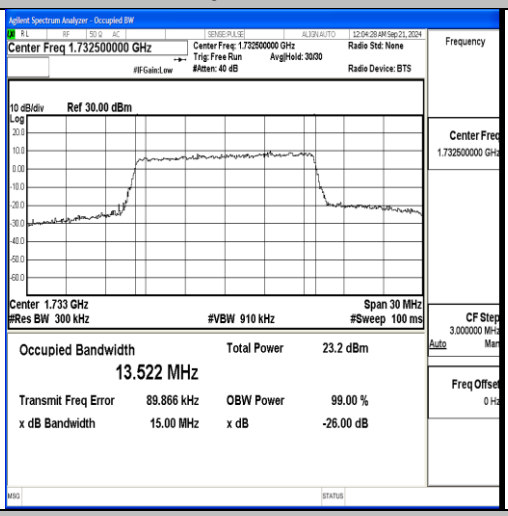

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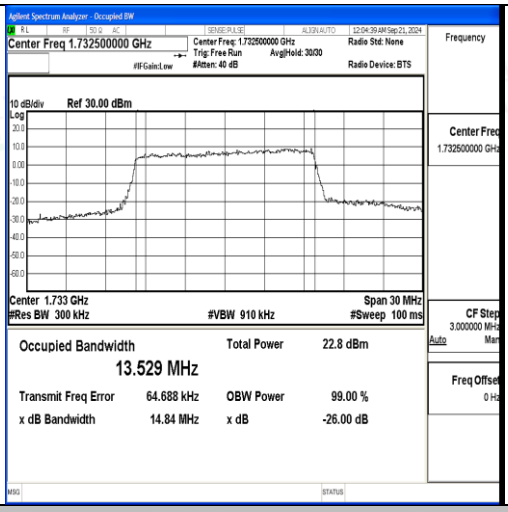

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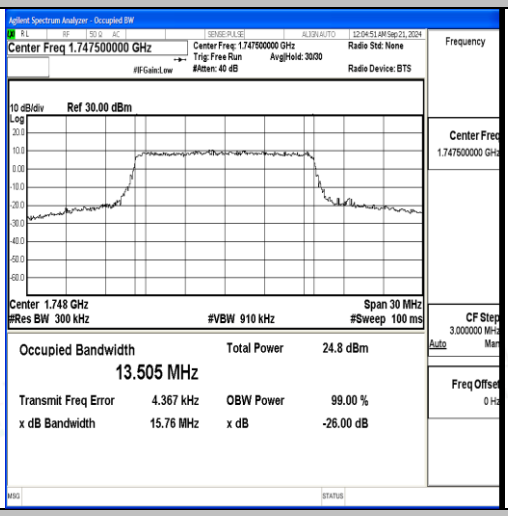

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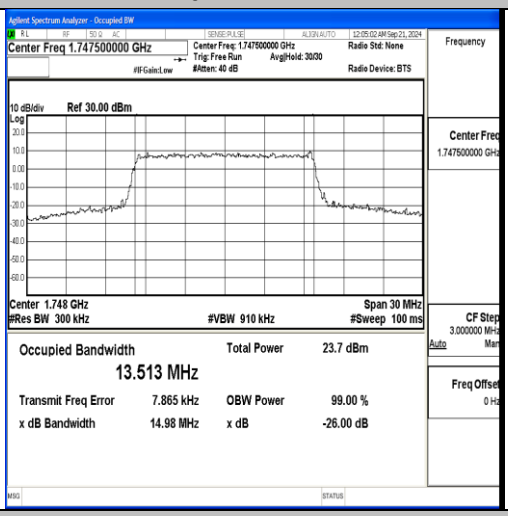

Band4-15MHz-16QAM-20325-75RB#0-PASS