Appendix E: Test Data for E-UTRA Band 4

Product Name: Smart phone

Test Model: JK68

Environmental Conditions

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

E.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.98	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.96	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.94	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.98	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.91	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.05	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.89	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.04	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.88	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.90	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.06	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.08	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.24	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.10	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.16	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.07	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.25	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.09	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.28	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.08	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.29	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.04	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.26	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.08	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.20	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.08	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.87	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.09	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.84	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.11	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.89	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.11	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.98	PASS

Band4	1.4MHz	QPSK	20393	3RB#1	23.15	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.01	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.15	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.91	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.03	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.18	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.99	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.11	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.08	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.99	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.96	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.05	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.06	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.07	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.07	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.03	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.08	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.06	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.07	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.21	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.13	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.23	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.07	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.23	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.05	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.22	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.19	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.20	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.22	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.20	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.18	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.18	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.09	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.04	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.82	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.05	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.81	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.05	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.85	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.18	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.11	PASS

Band4	3MHz	QPSK	20385	8RB#4	22.16	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.11	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.12	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.12	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.09	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.01	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.21	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.19	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.18	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.02	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.32	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.13	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.13	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.12	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.13	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.05	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.07	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.13	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.13	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.18	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.26	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.26	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.29	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.33	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.23	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.24	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.29	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.21	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.28	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.23	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.25	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.22	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.17	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.05	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.25	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.07	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.16	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.06	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.18	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.18	PASS

Band4	5MHz	QPSK	20375	12RB#6	22.14	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.17	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.12	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.14	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.18	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.19	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.24	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.14	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.11	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.09	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.18	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.13	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.10	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.05	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.09	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.06	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.09	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.06	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.08	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.06	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.26	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.13	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.25	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.10	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.29	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.14	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.24	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.24	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.23	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.23	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.29	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.27	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.25	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.25	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.22	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.11	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.87	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.14	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.92	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.20	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.21	PASS

Band4	10MHz	QPSK	20350	25RB#12	22.18	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.17	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.15	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.12	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.15	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.15	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.22	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.12	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.10	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.09	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.21	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.14	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.14	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.12	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.13	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.14	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.12	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.12	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.13	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.10	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.18	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.35	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.33	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.37	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.23	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.31	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.26	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.25	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.24	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.26	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.27	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.26	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.26	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.32	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.20	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.08	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.19	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.95	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.21	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.97	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.18	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.19	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	22.18	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.16	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.16	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.21	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.20	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.12	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.29	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.09	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.43	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.19	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.17	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.16	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.17	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.16	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.23	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.23	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.19	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.18	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.29	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.40	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.36	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.58	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.31	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.51	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.28	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.29	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.27	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.28	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.31	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.33	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.31	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.29	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.23	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.21	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.18	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.09	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.16	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.07	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.33	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.37	PASS

Band4	20MHz	QPSK	20300	50RB#25	22.36	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.37	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.19	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.23	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.22	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.25	PASS

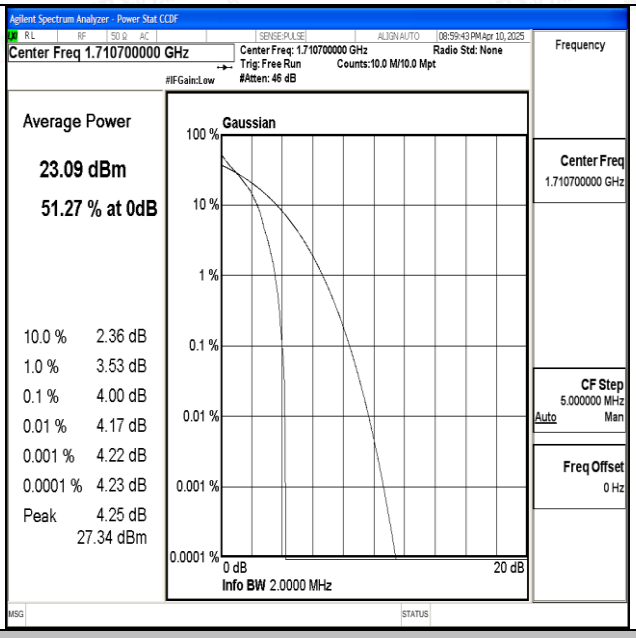
E.2 Peak-to-Average Ratio(CCDF)

Test Result

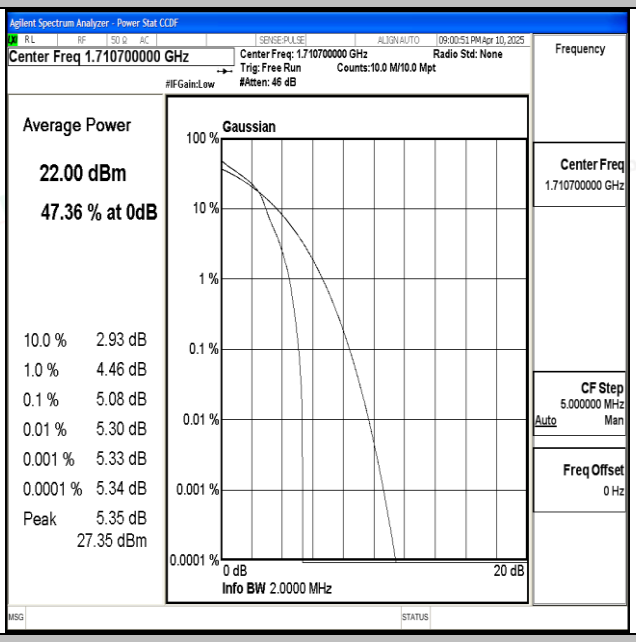
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.00	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.08	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.90	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.71	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.95	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.00	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.79	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.62	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.42	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.47	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.12	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.94	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.98	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.93	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.04	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.85	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.97	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.95	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.91	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.73	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.39	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.33	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.20	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.01	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.99	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.83	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.33	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.02	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.03	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.86	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.21	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.90	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.31	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.08	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.39	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.08	13	PASS

Band4	10MHz	QPSK	20000	1RB#0	3.94	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.87	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.36	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.09	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.09	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.04	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.14	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.90	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.02	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.92	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.30	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.07	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.93	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.88	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.63	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.19	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.23	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.14	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.39	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.98	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.83	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.81	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.51	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.06	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.89	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.72	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.30	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.08	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.26	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.06	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.11	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.89	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.77	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	4.67	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.18	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.91	13	PASS

Test Graphs



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



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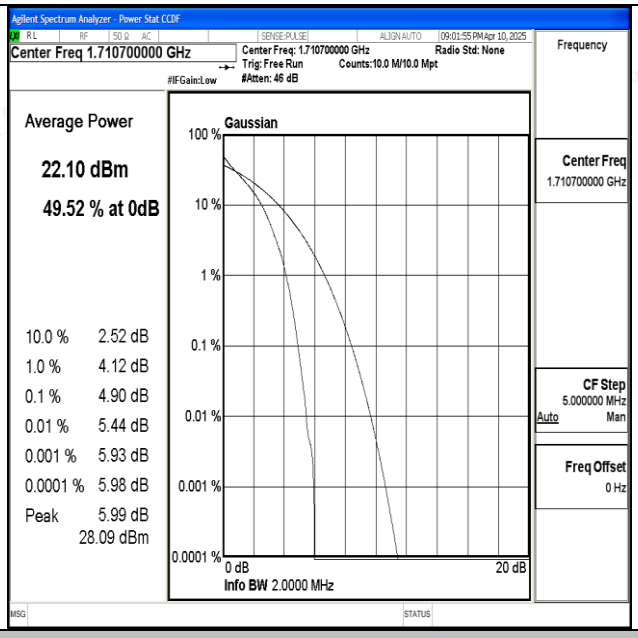

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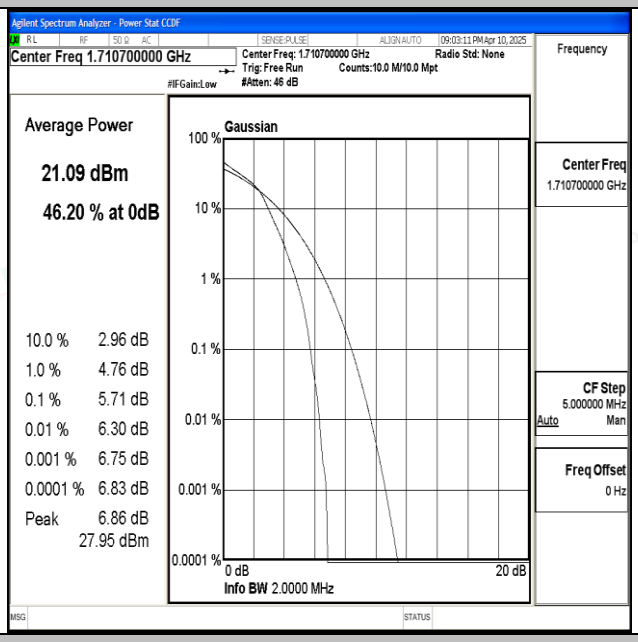

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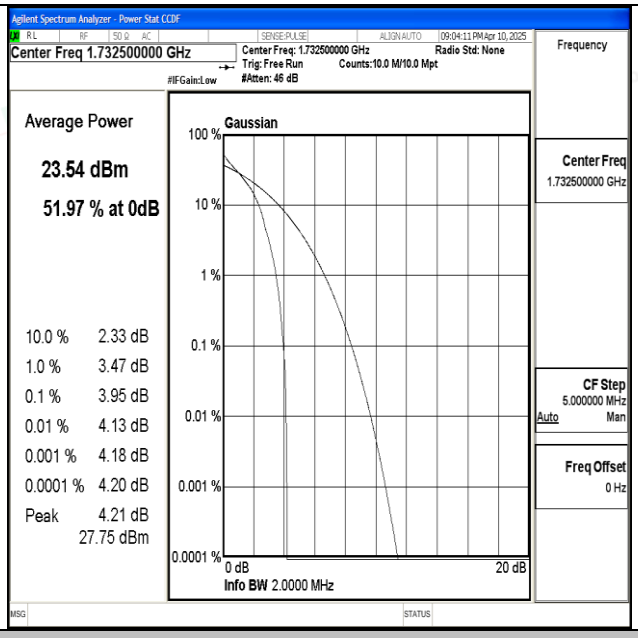

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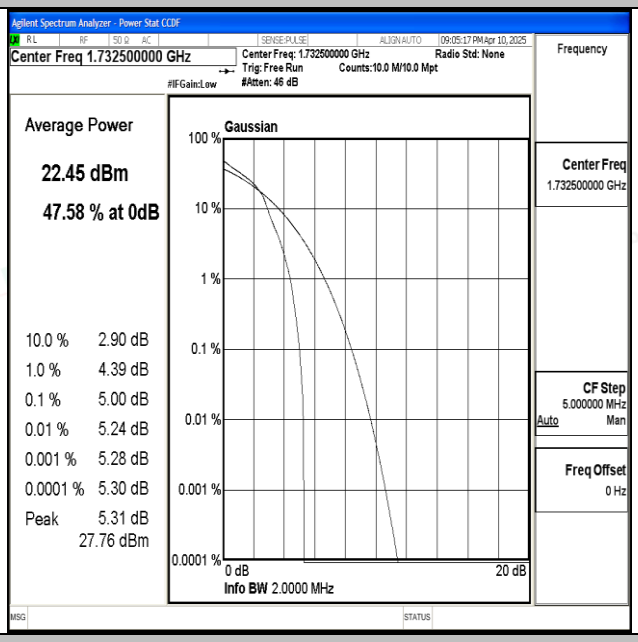

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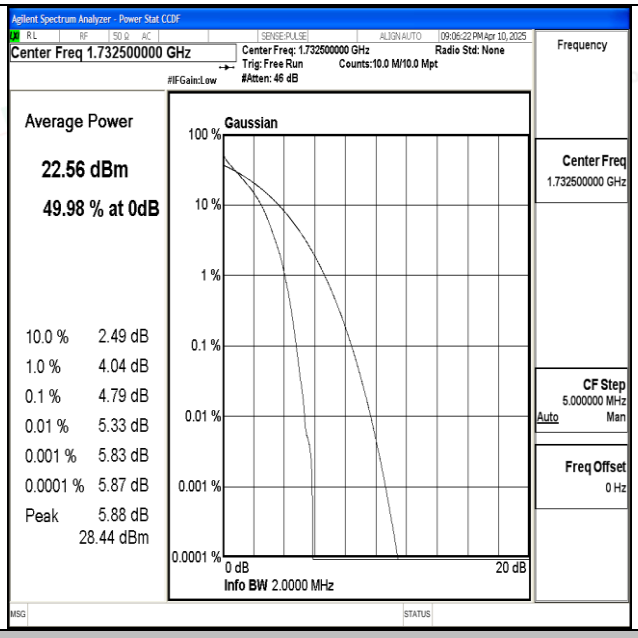

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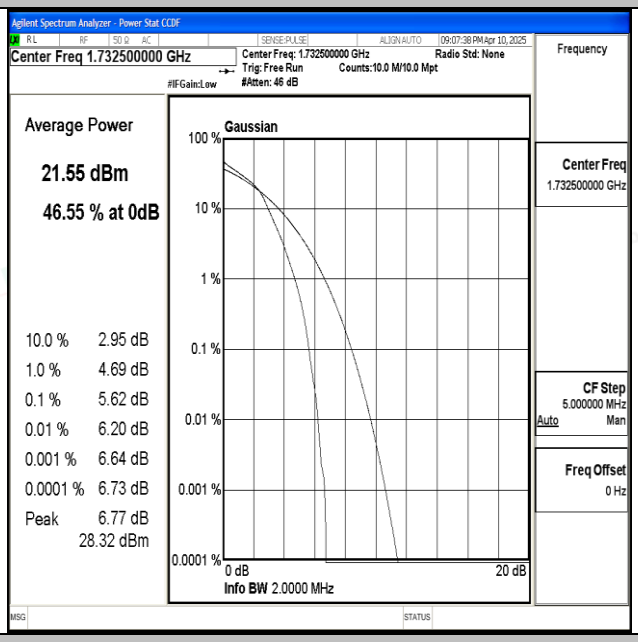

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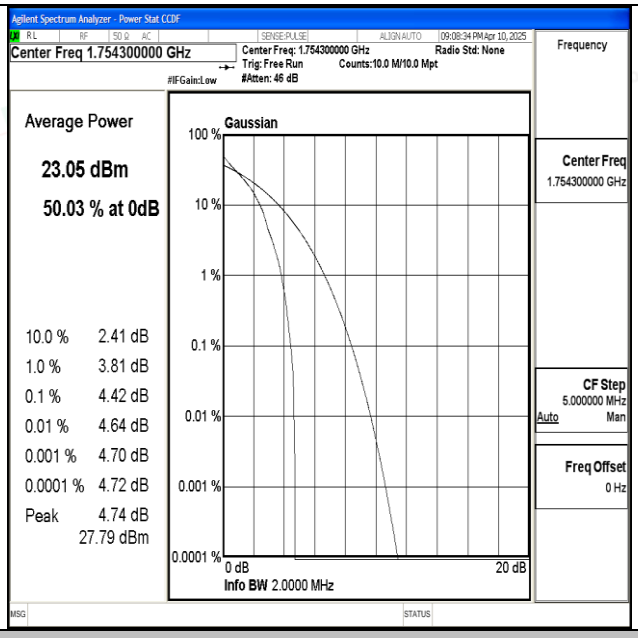

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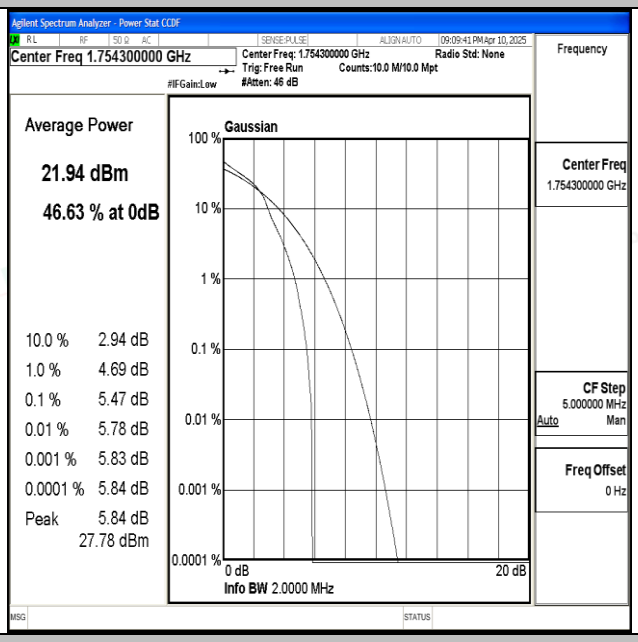

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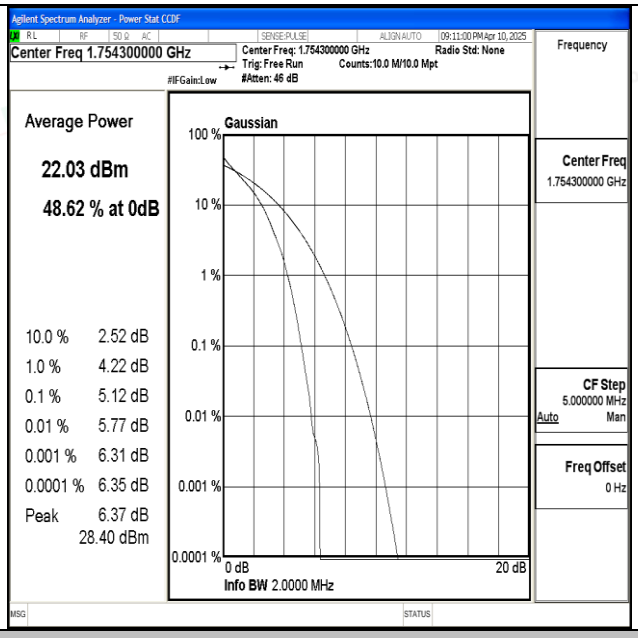

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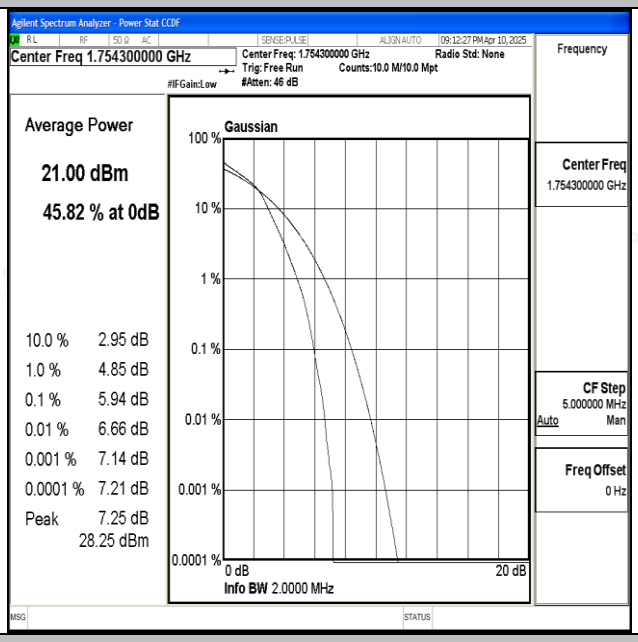

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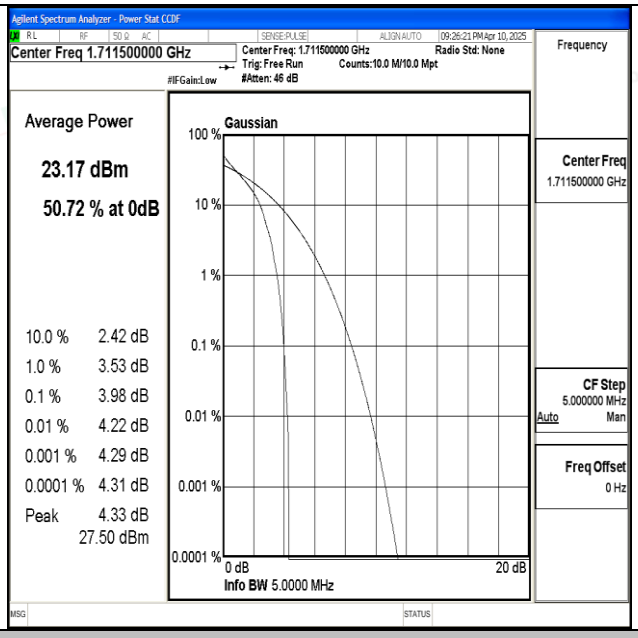

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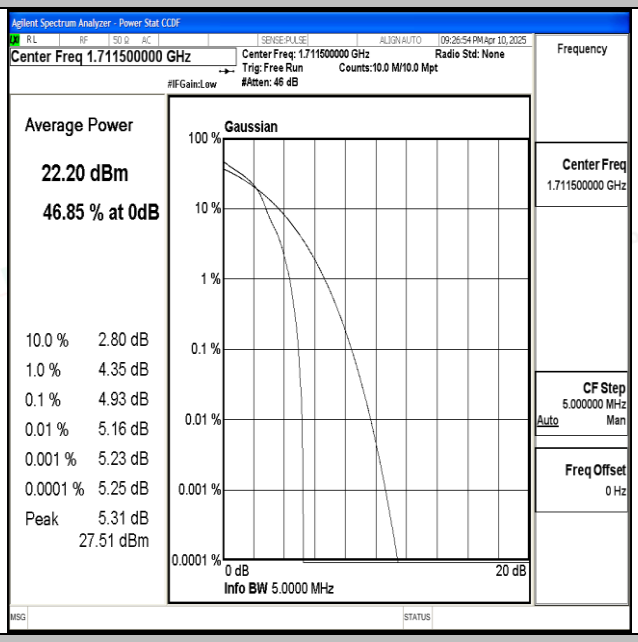

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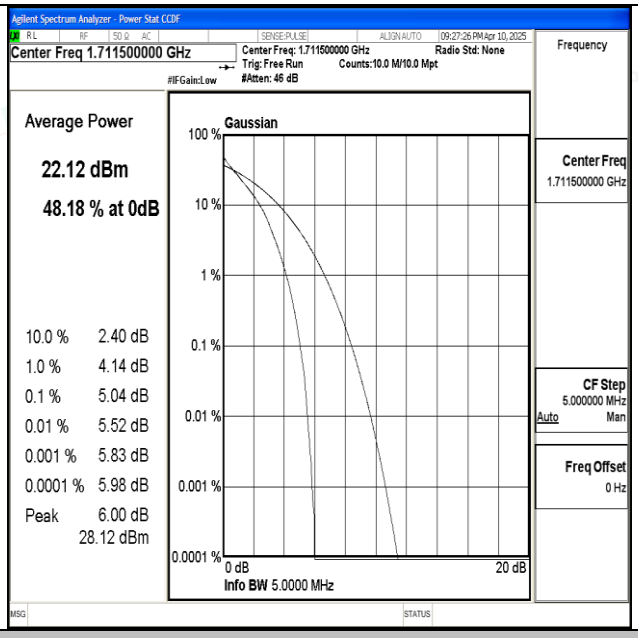

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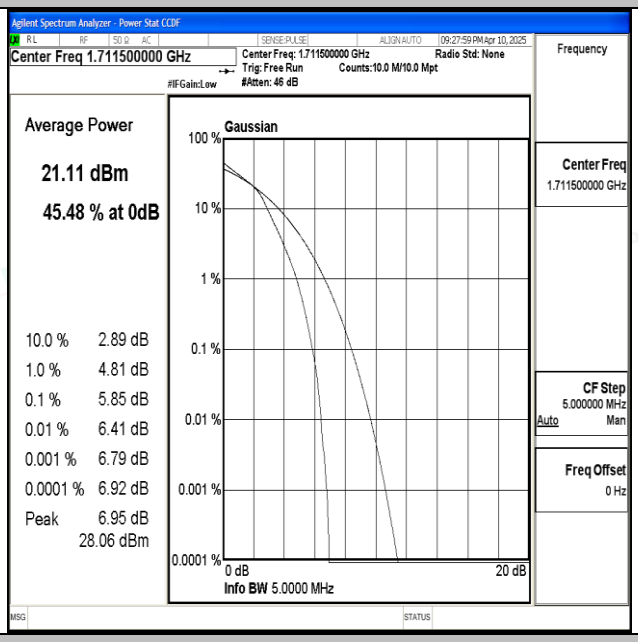

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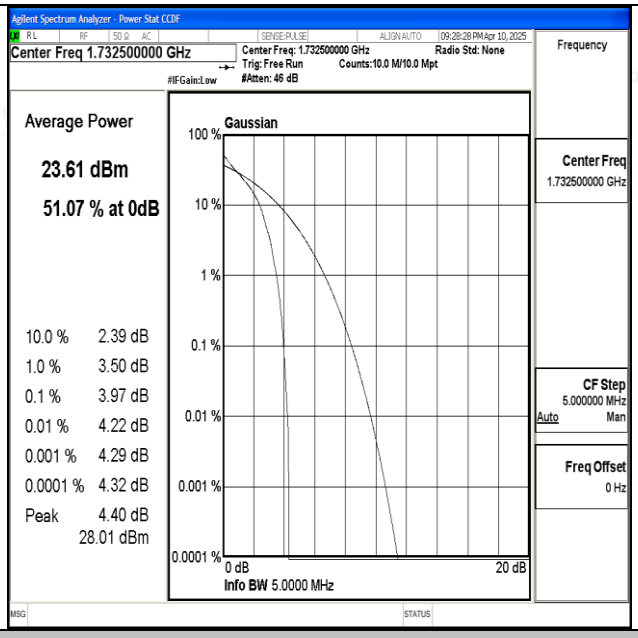

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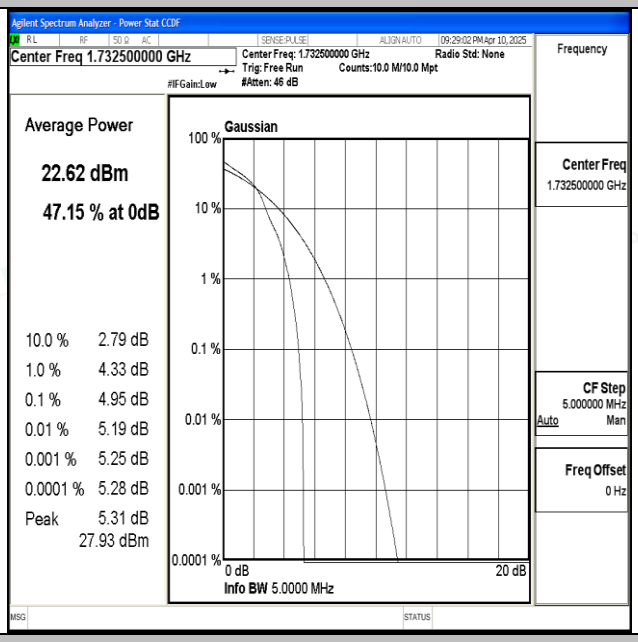

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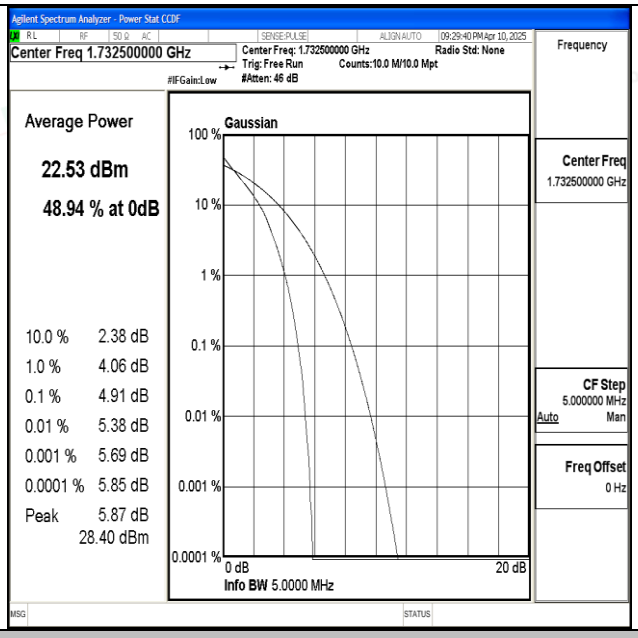

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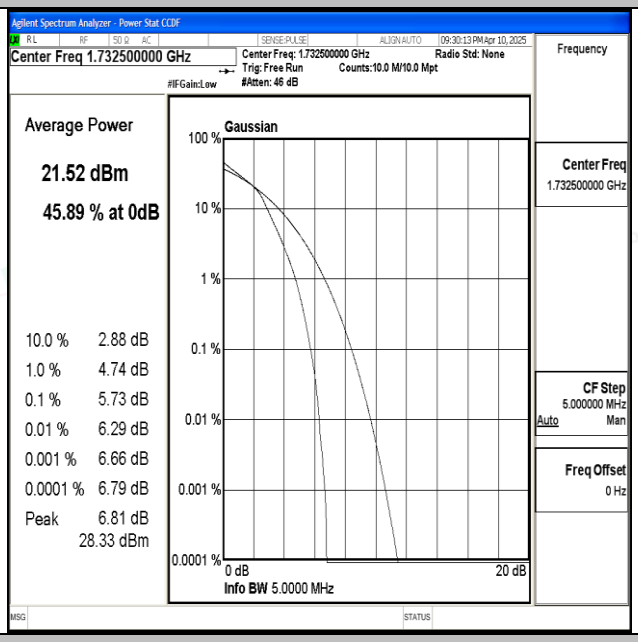

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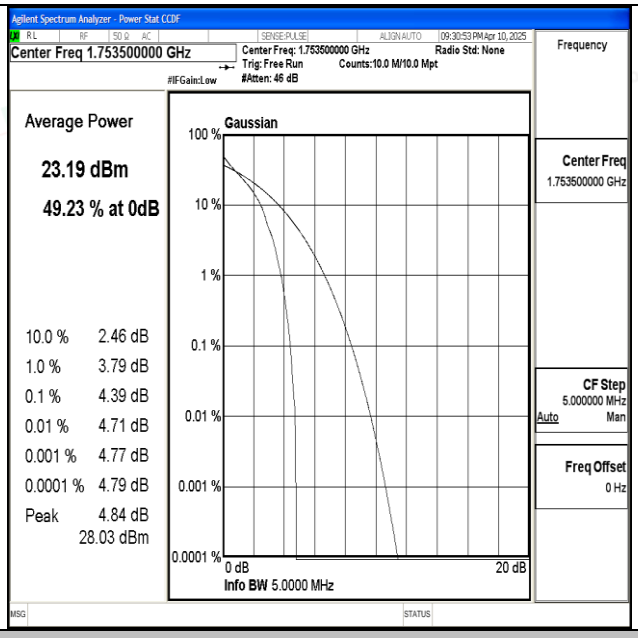

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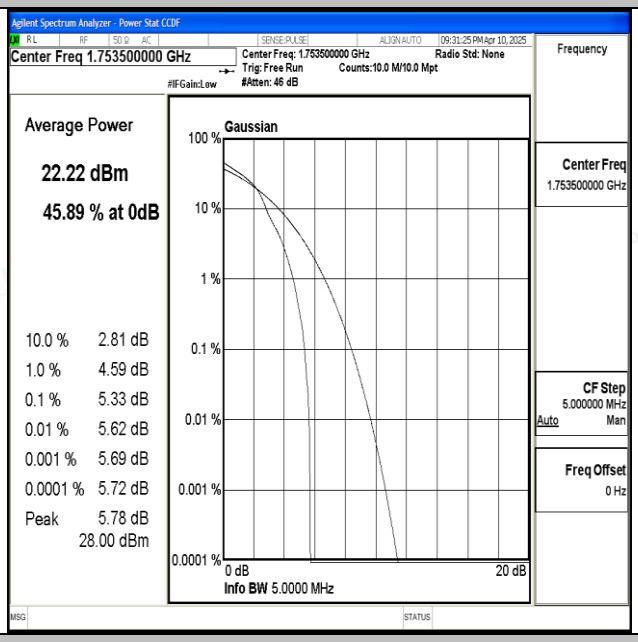

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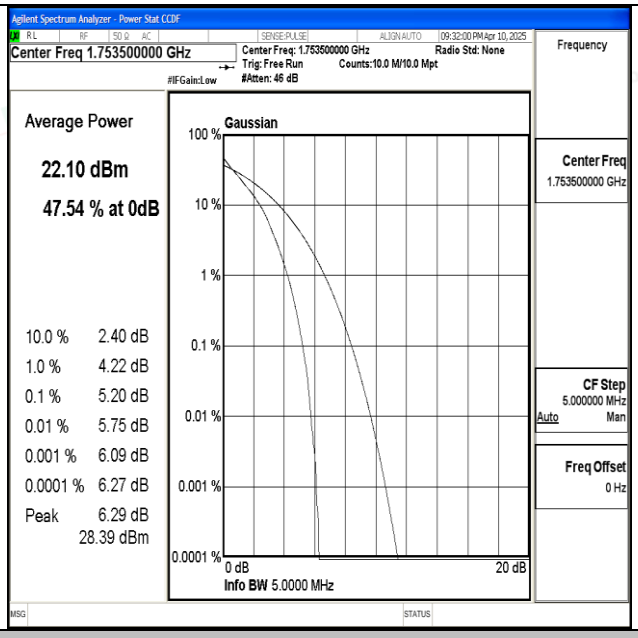

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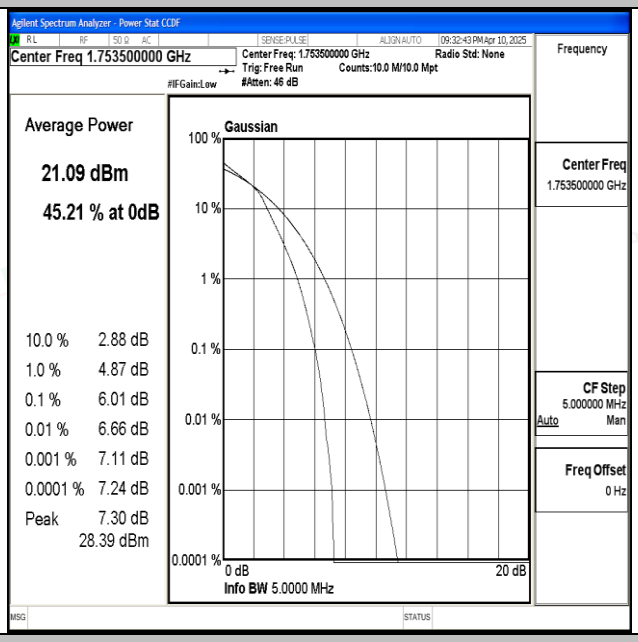

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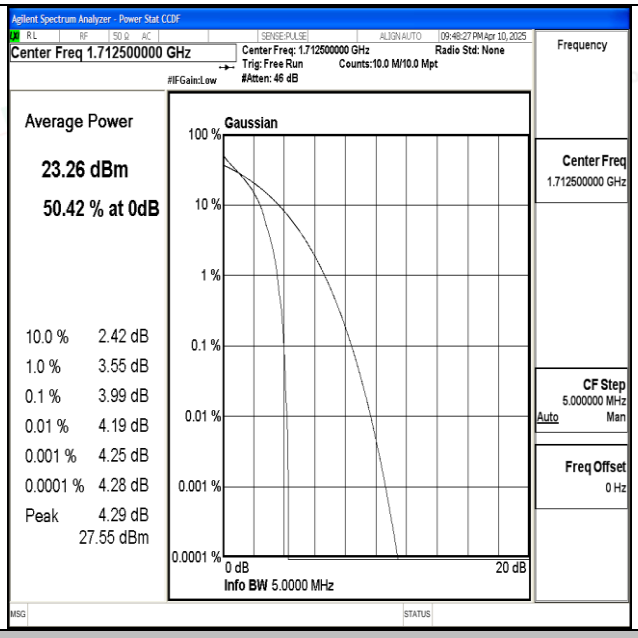

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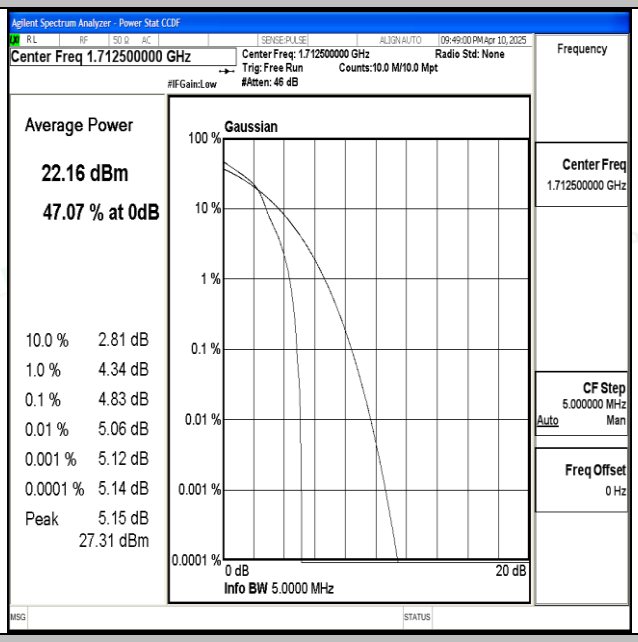

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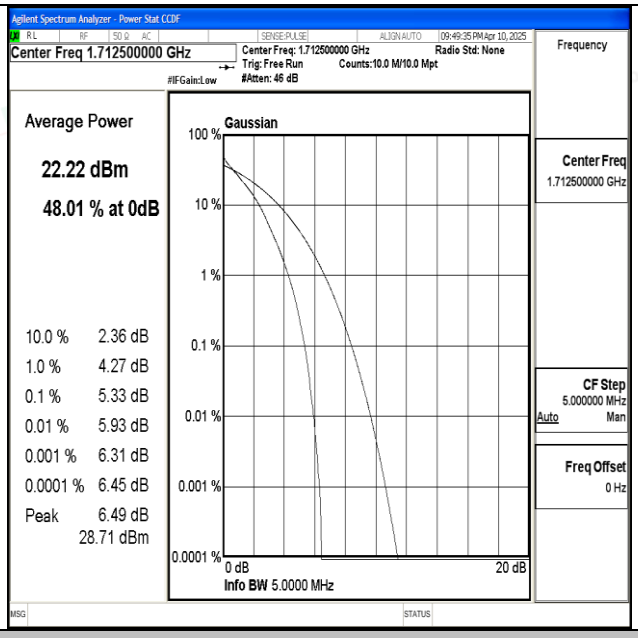

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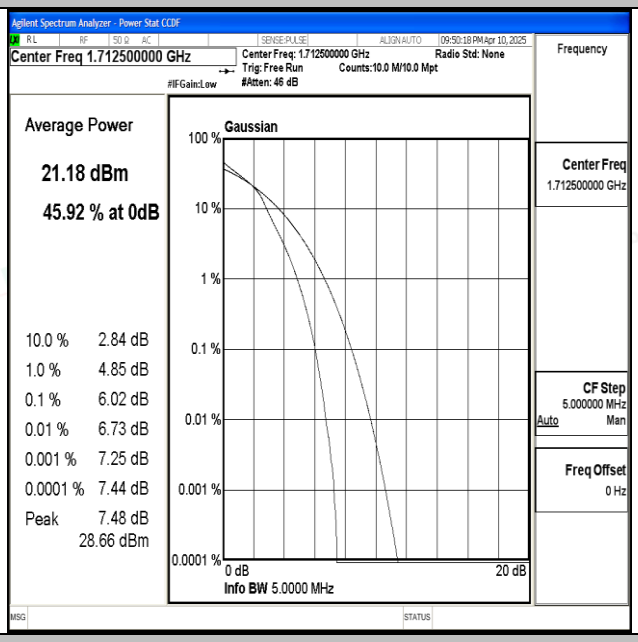

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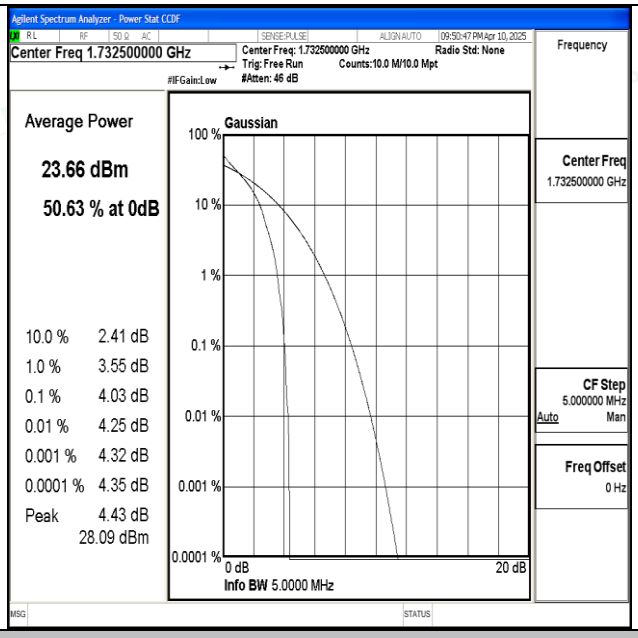

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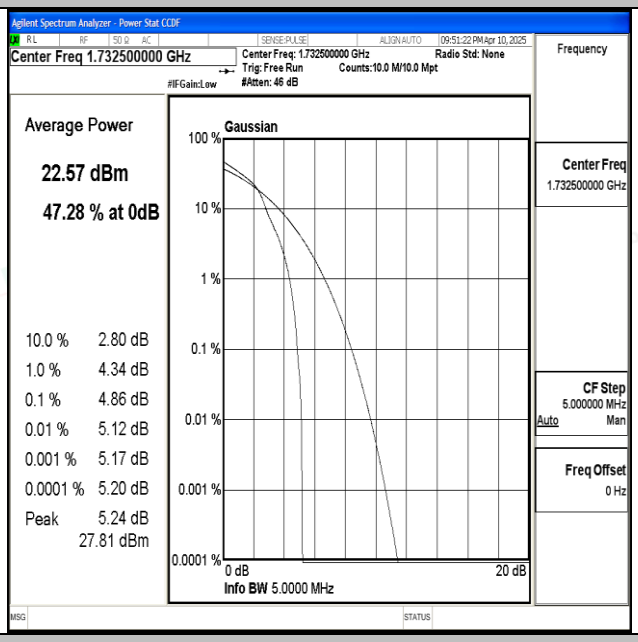

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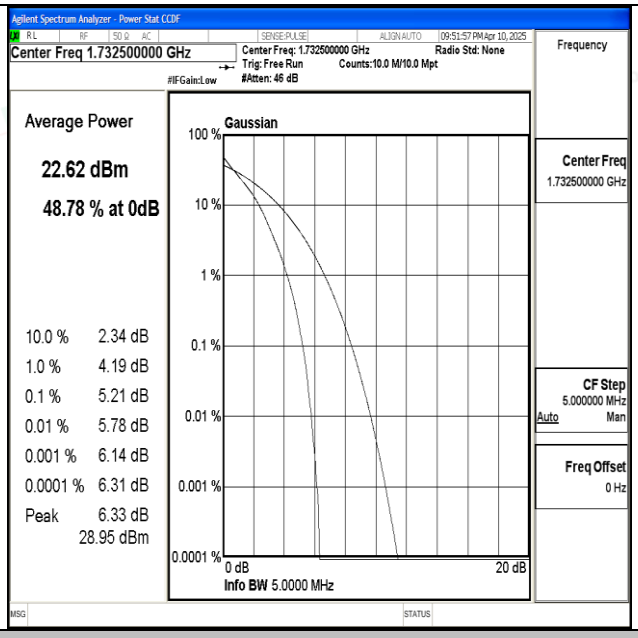

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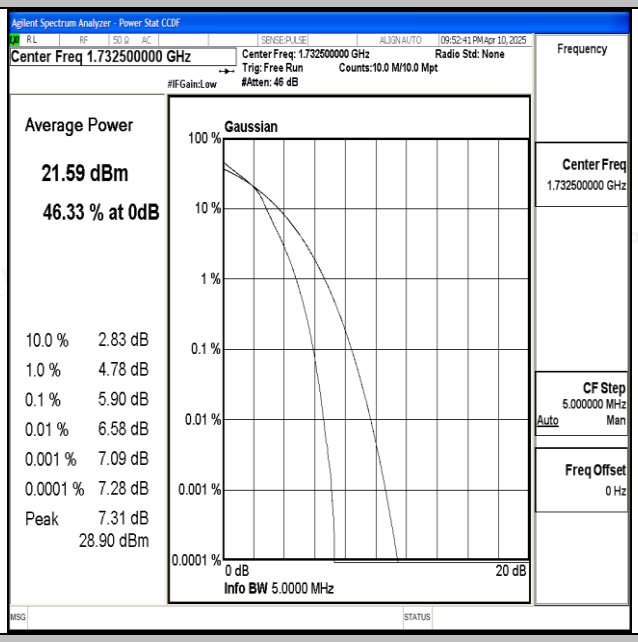

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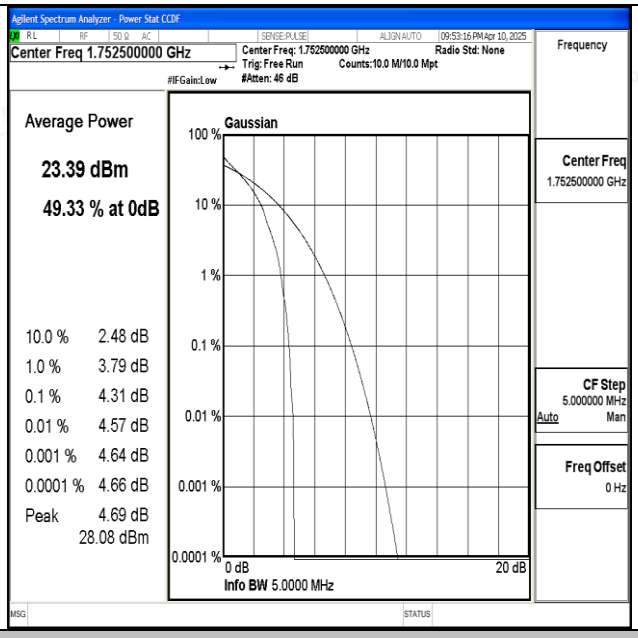

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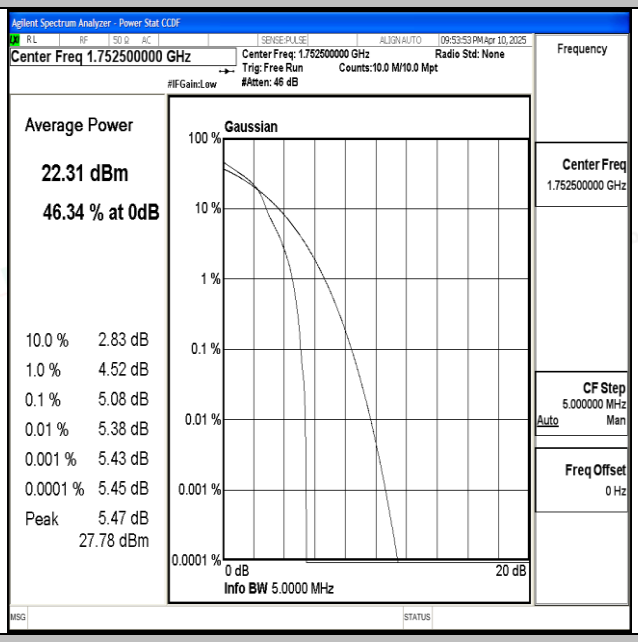

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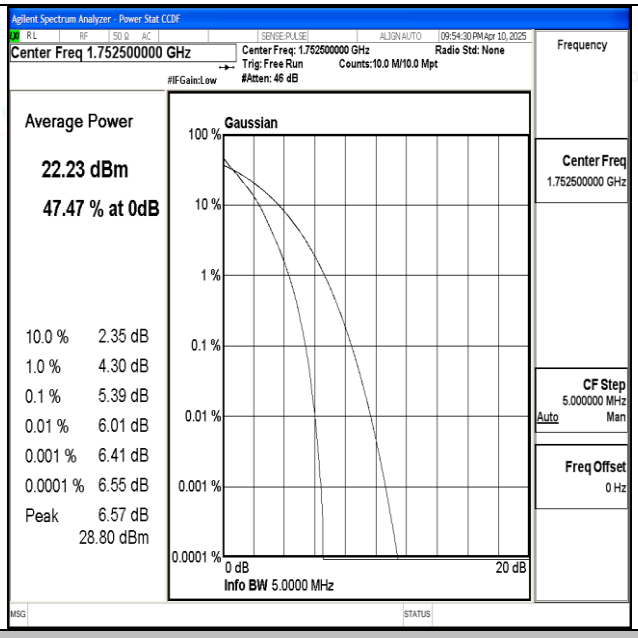

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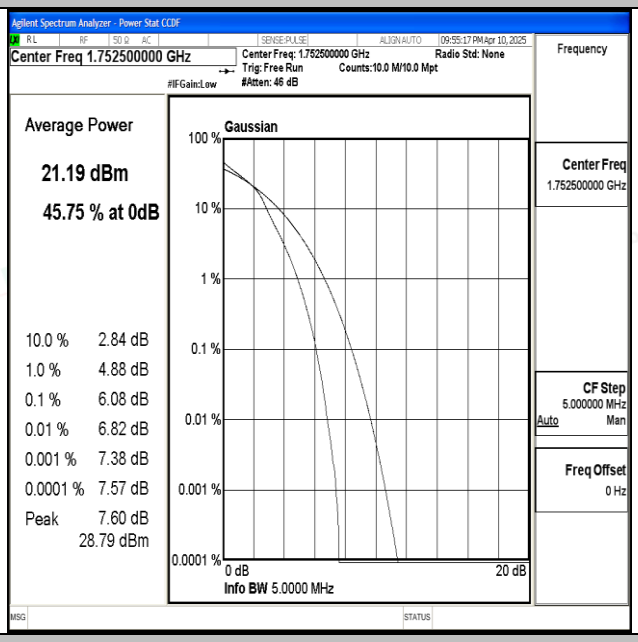

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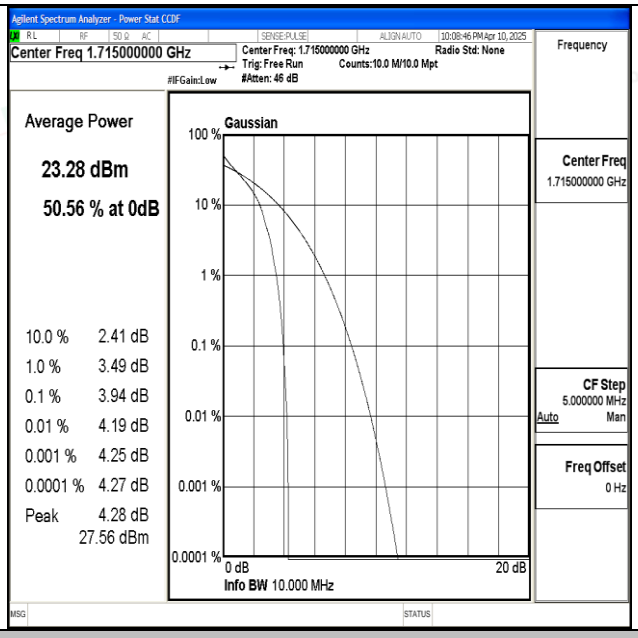

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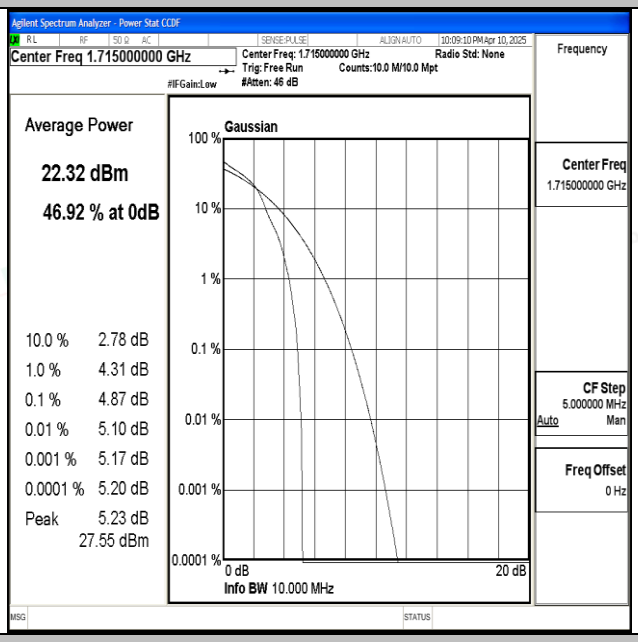

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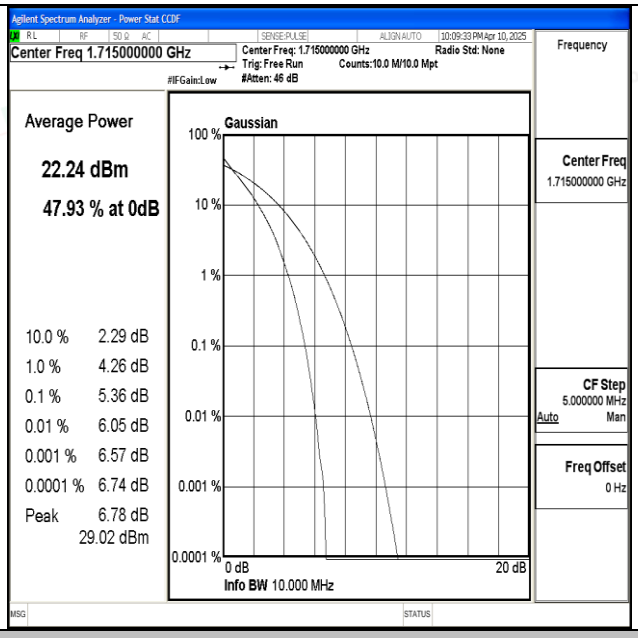

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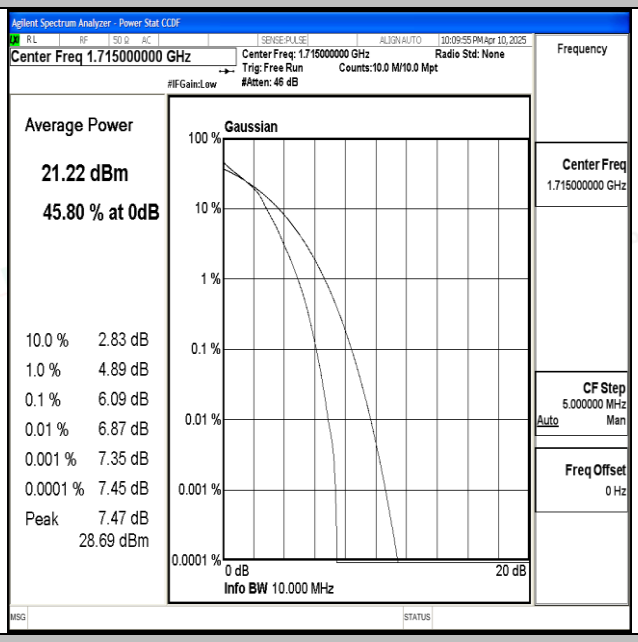

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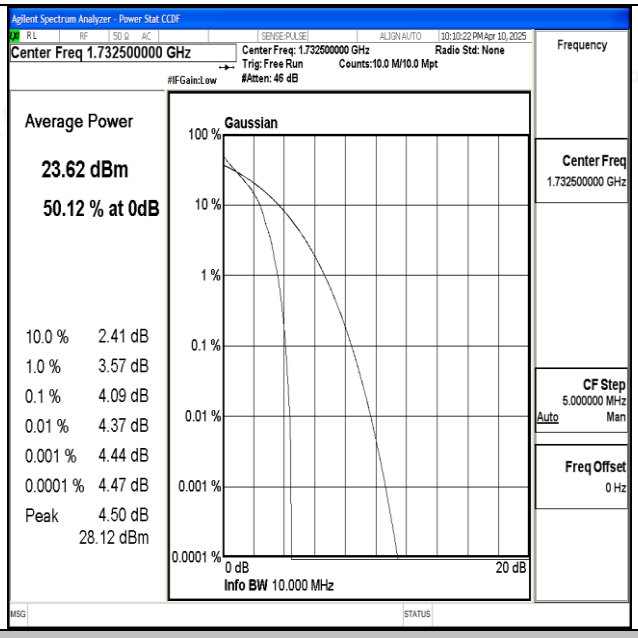
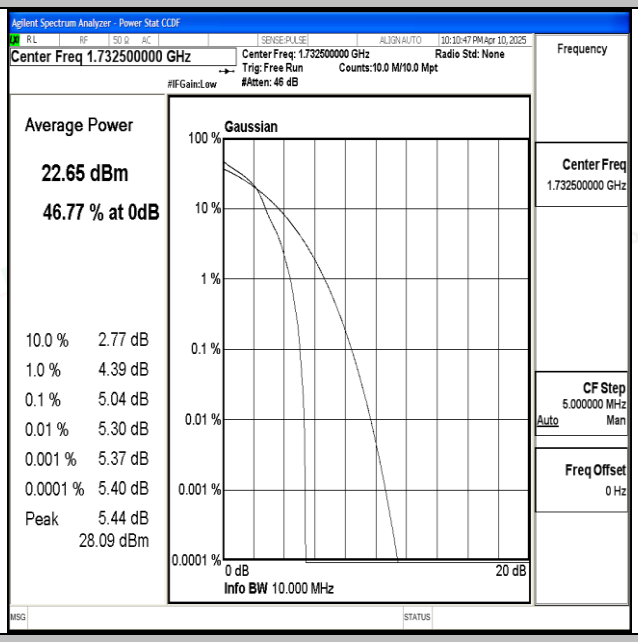


Band4-10MHz-QPSK-20175-1RB#0-PASS



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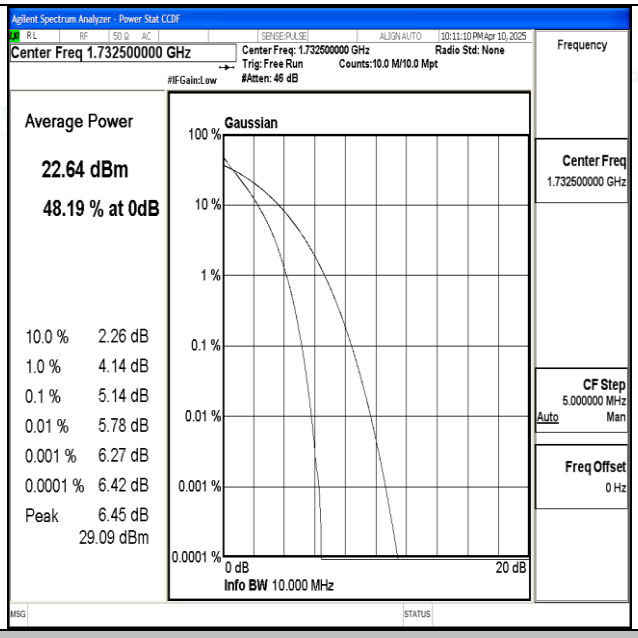

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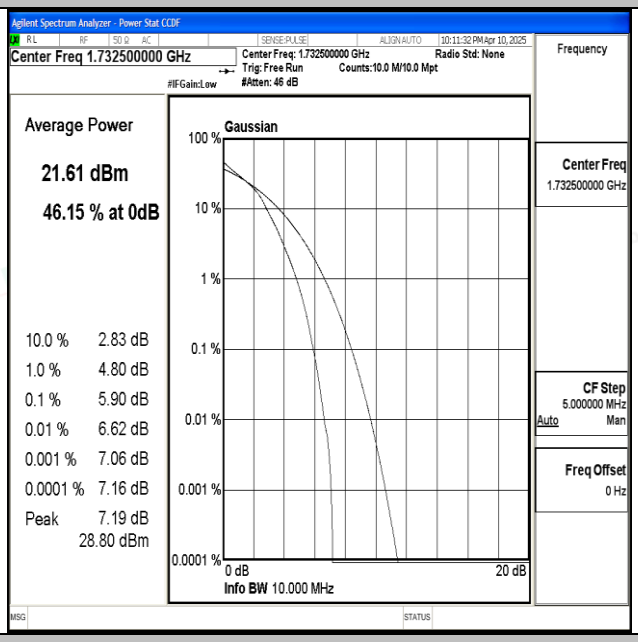
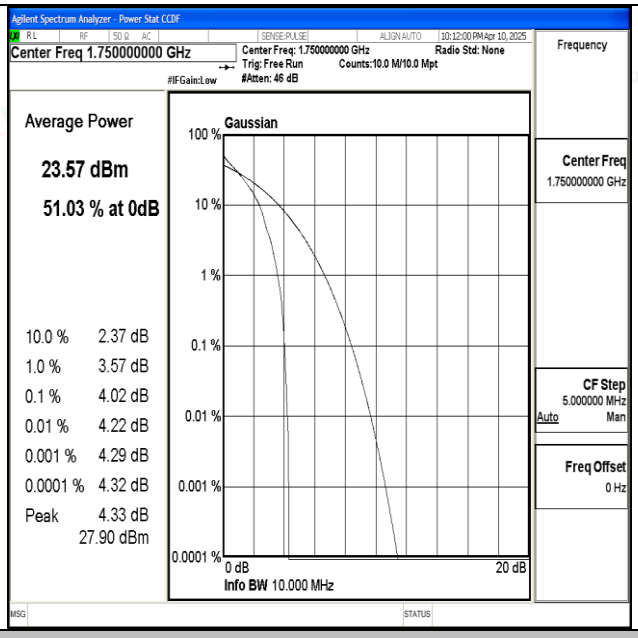
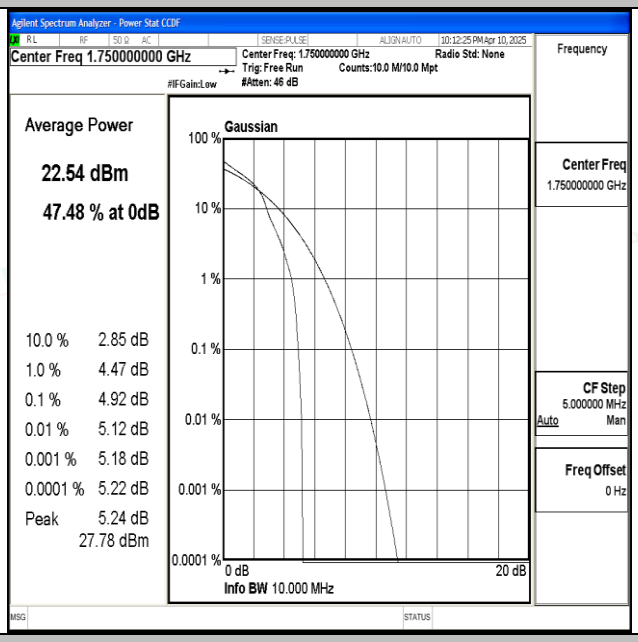


Band4-10MHz-16QAM-20175-50RB#0-PASS



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



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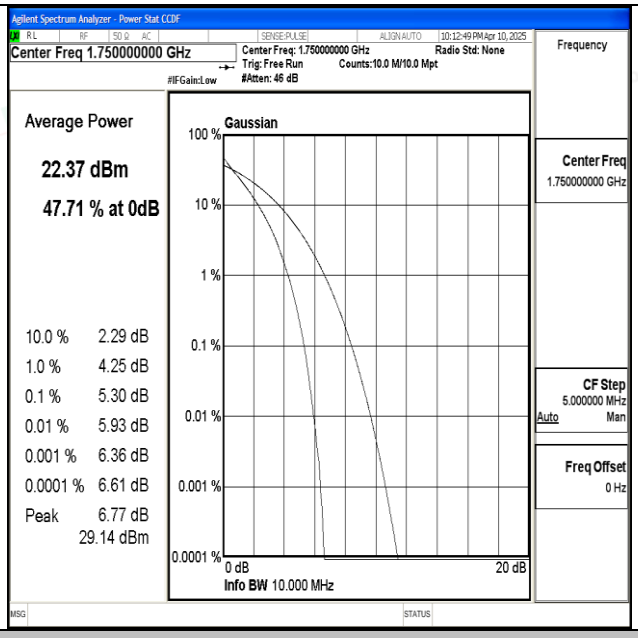
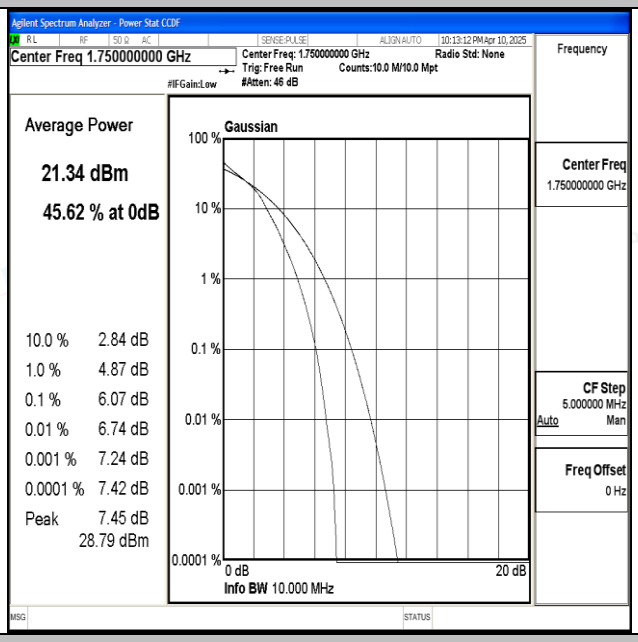
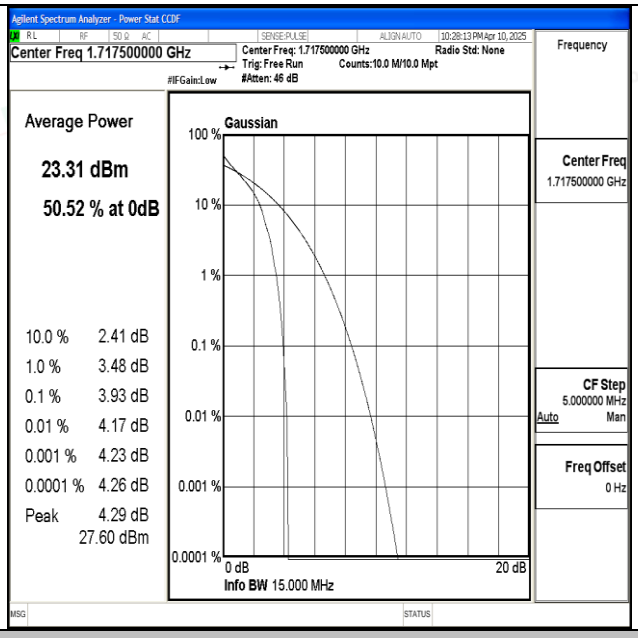


Band4-10MHz-QPSK-20350-50RB#0-PASS



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



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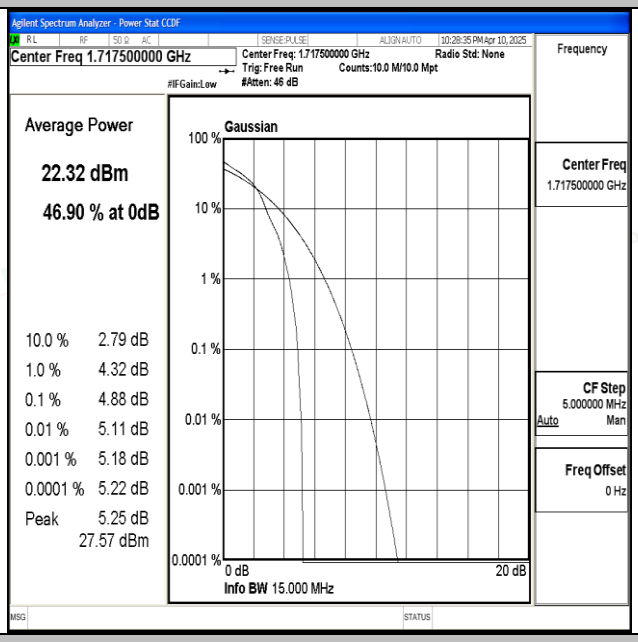

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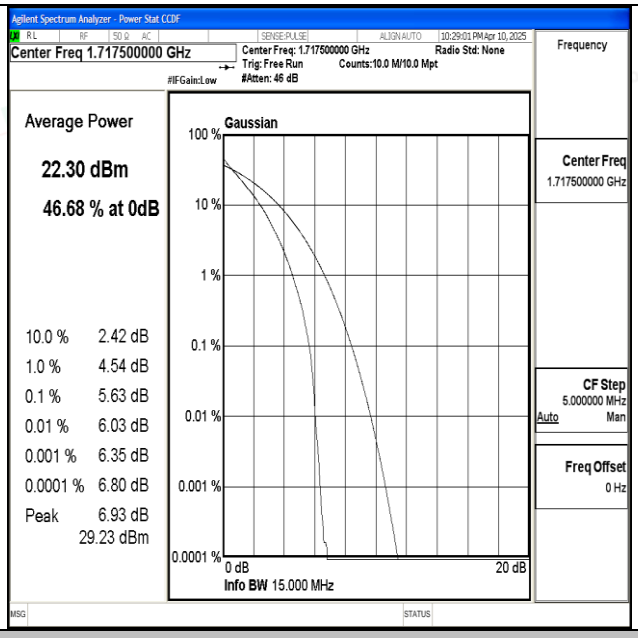
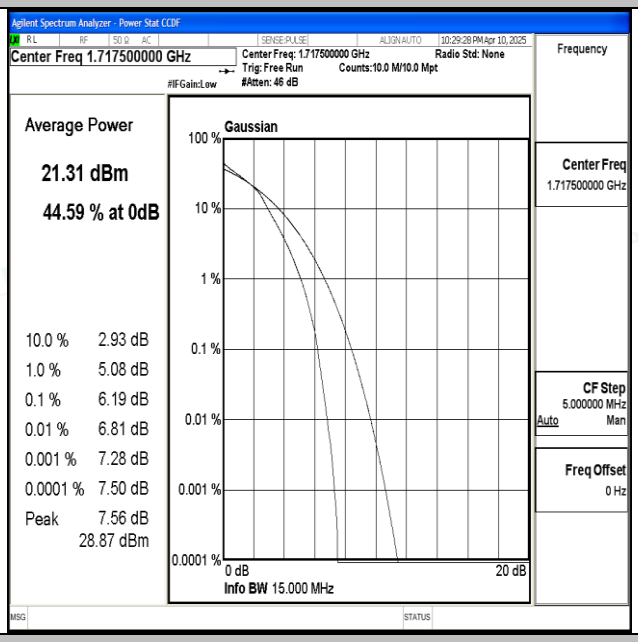


Band4-15MHz-QPSK-20025-75RB#0-PASS



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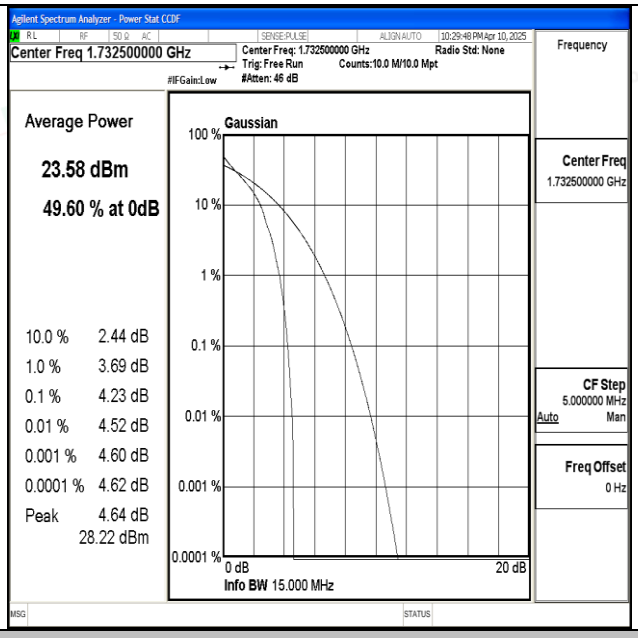

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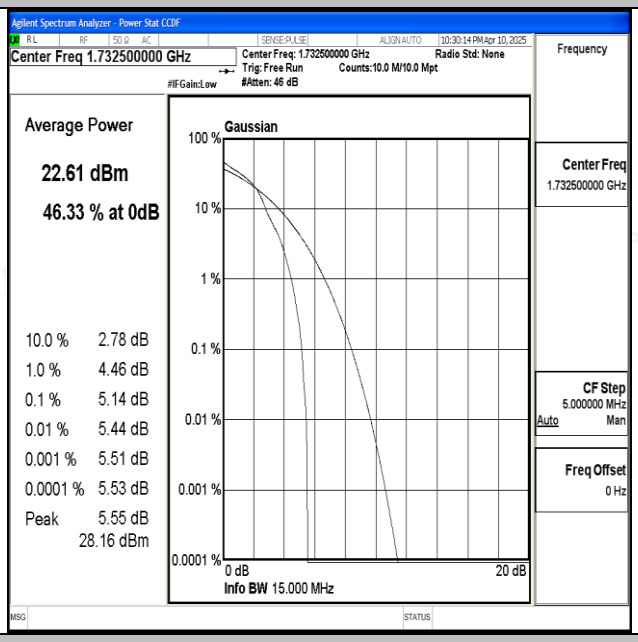

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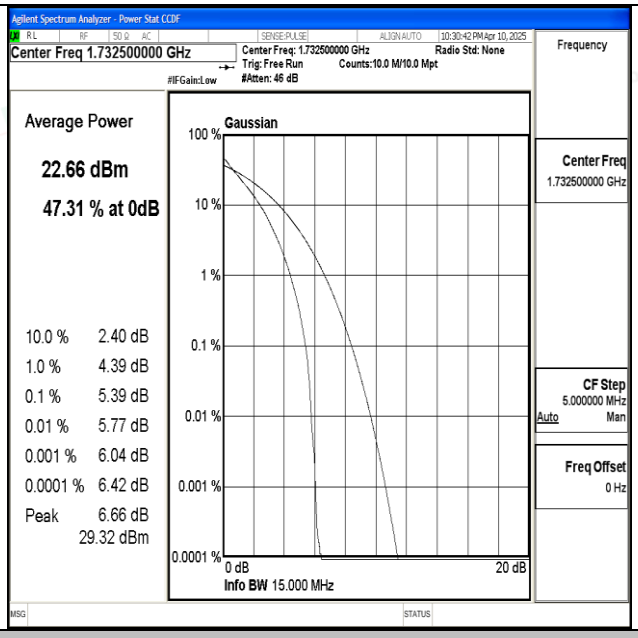

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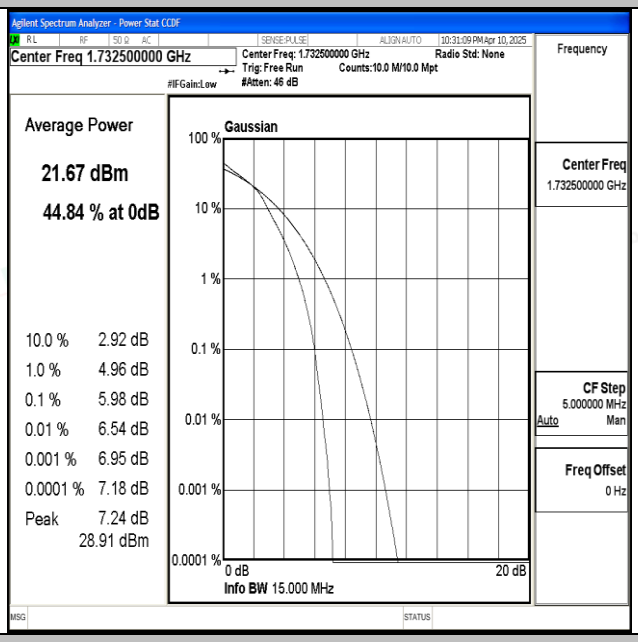

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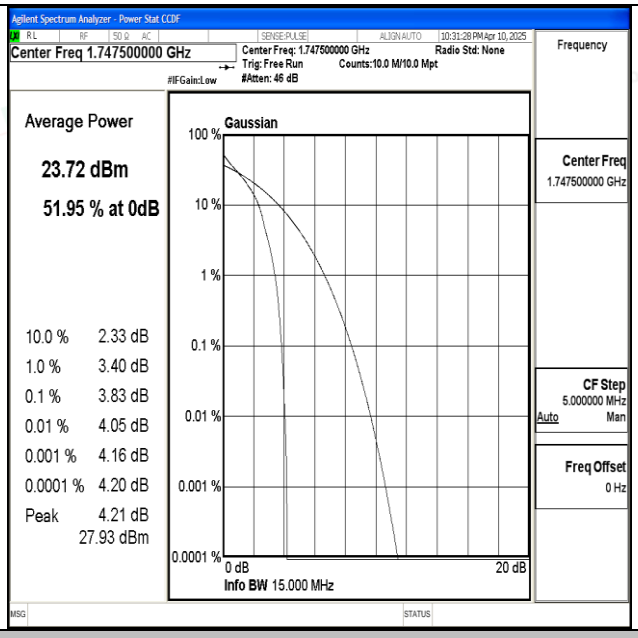

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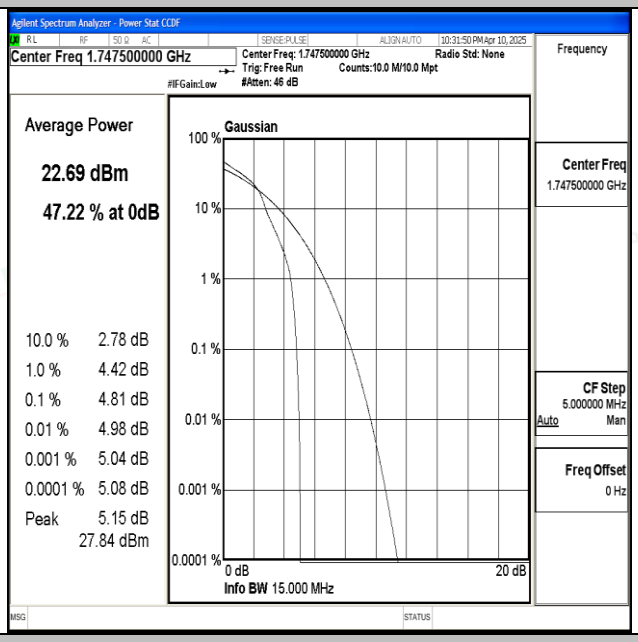

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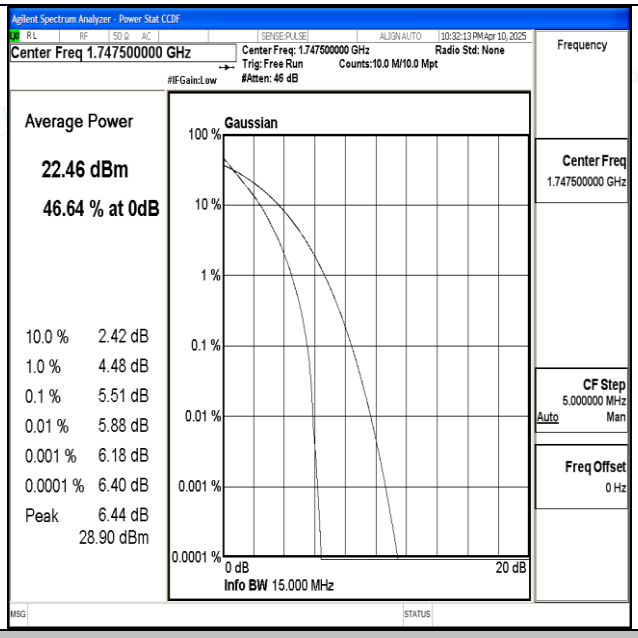

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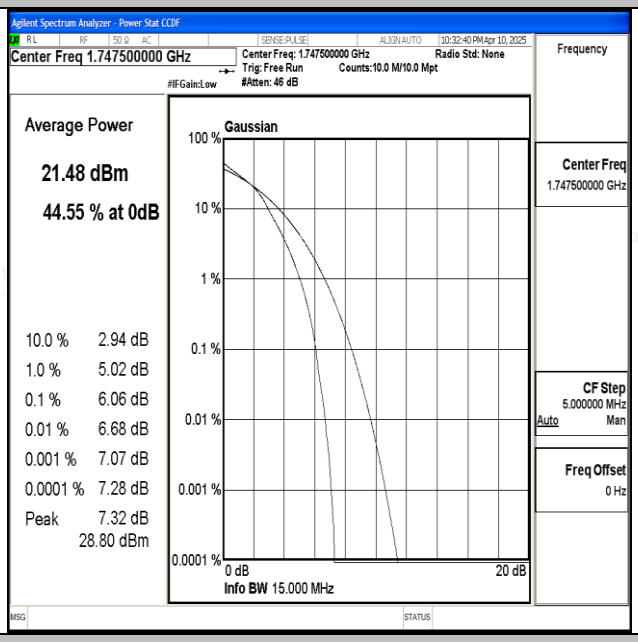

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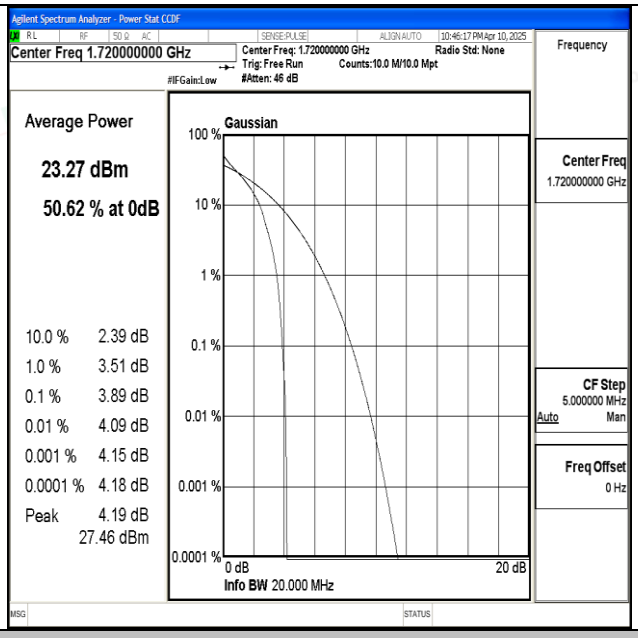

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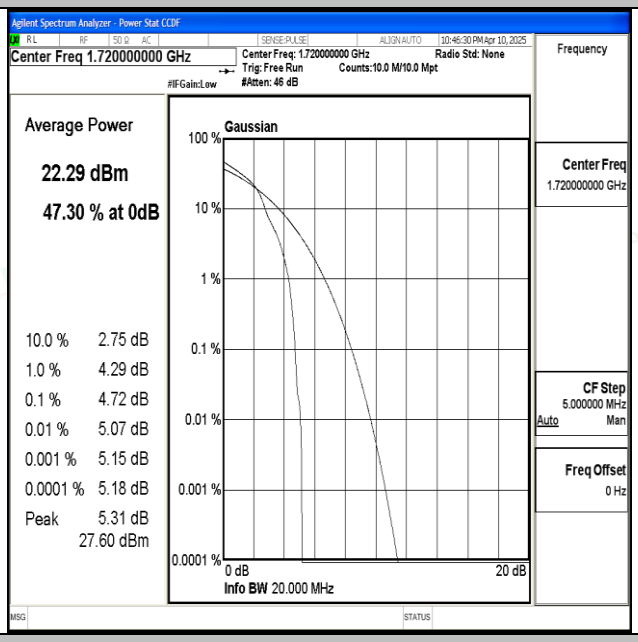

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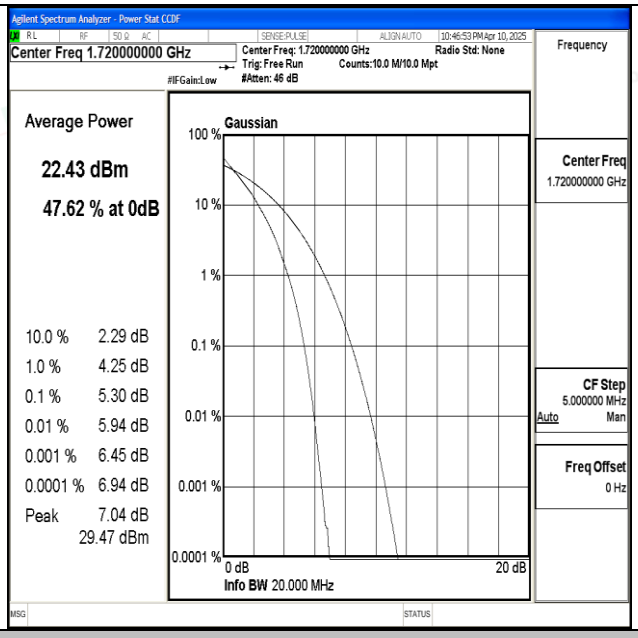

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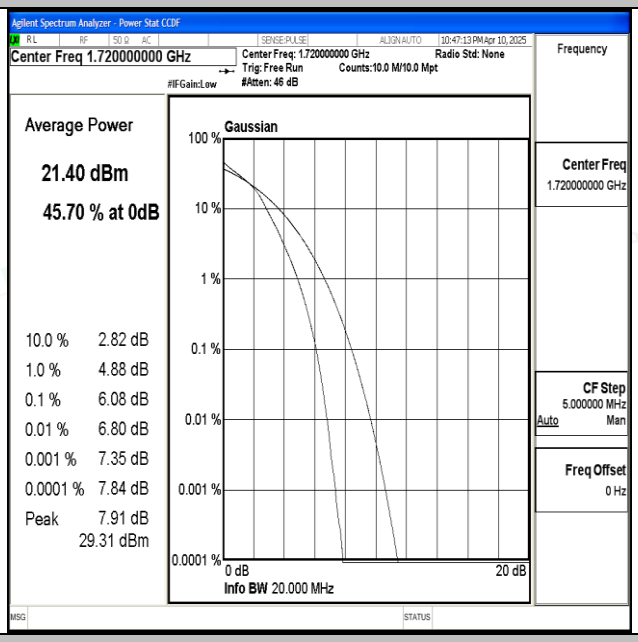

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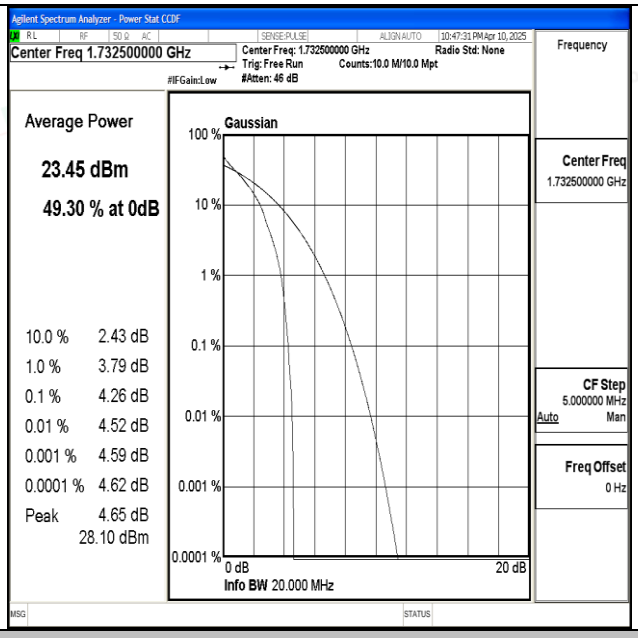
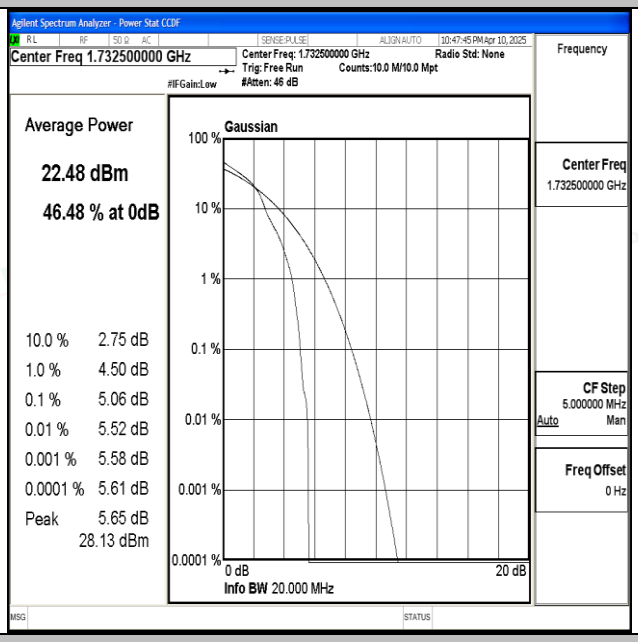


Band4-20MHz-QPSK-20175-1RB#0-PASS



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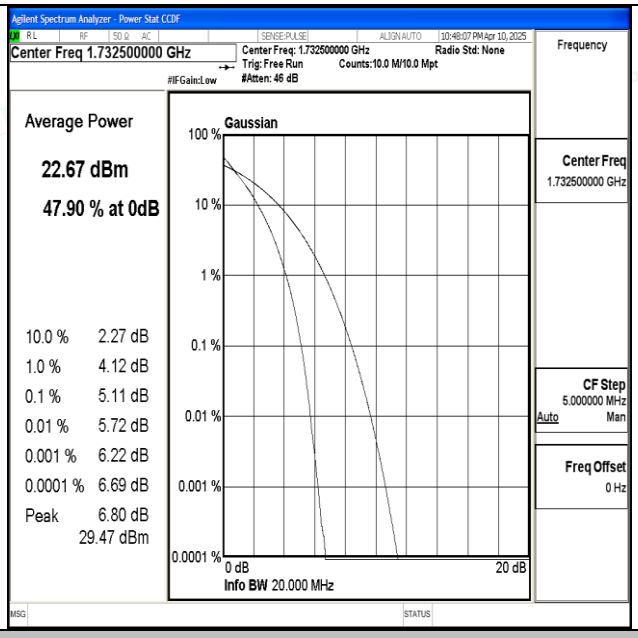

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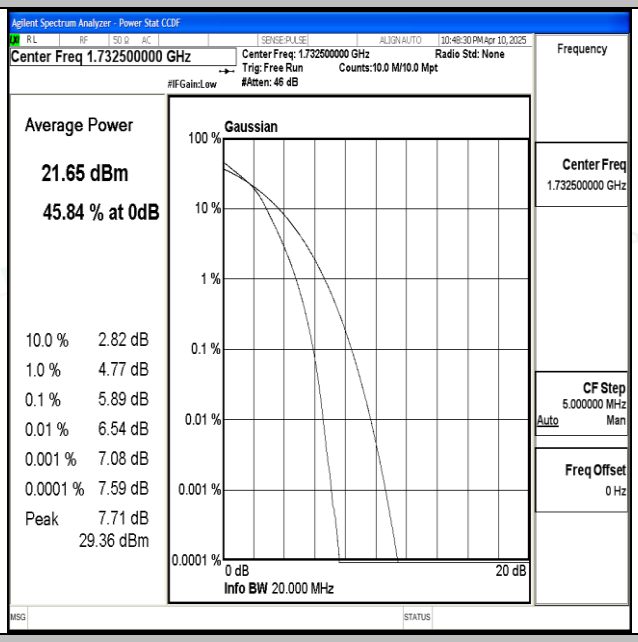

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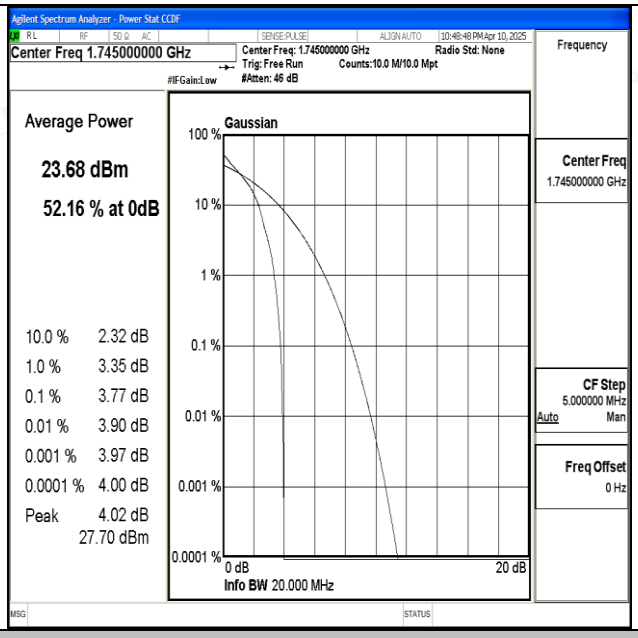
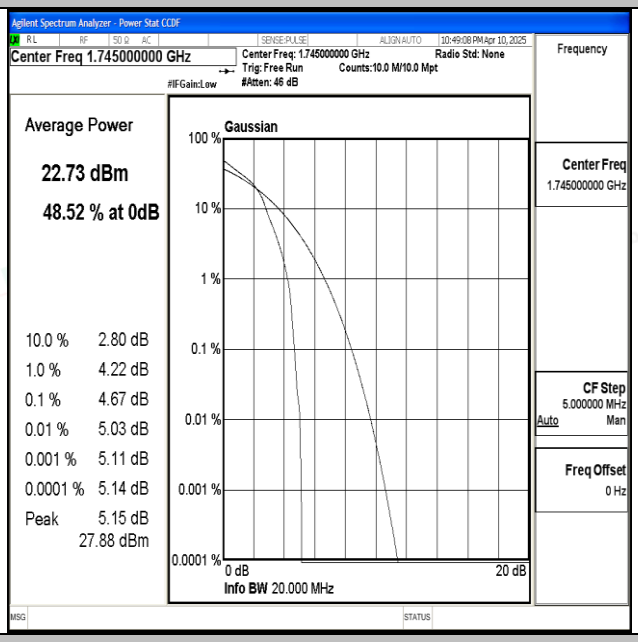


Band4-20MHz-QPSK-20300-1RB#0-PASS



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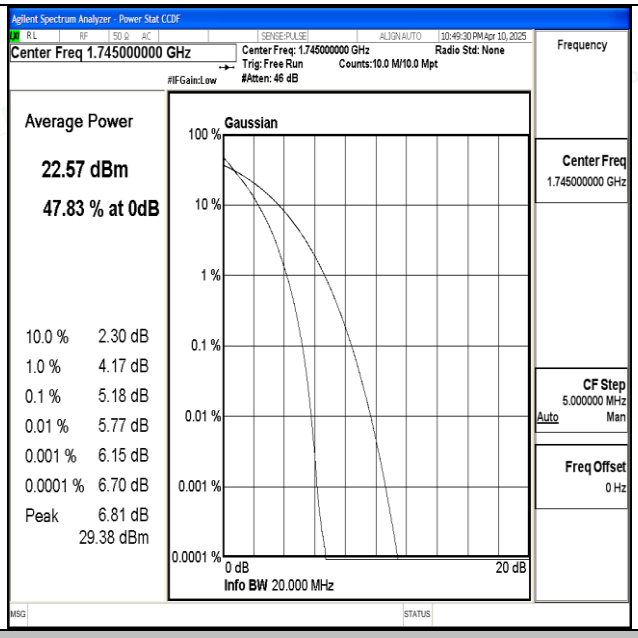
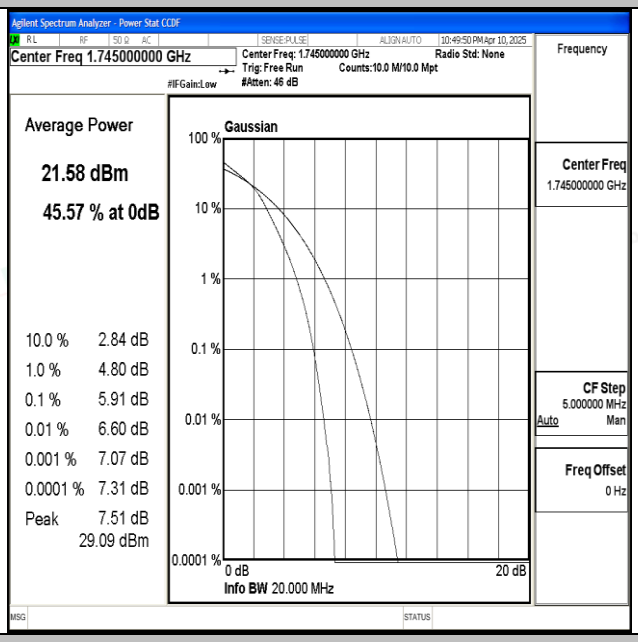


Band4-20MHz-QPSK-20300-100RB#0-PASS



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

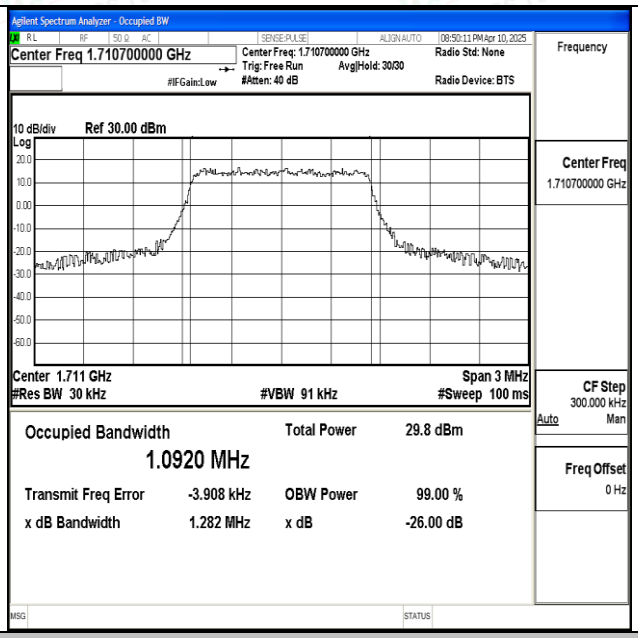
E.3 26dB Bandwidth and Occupied Bandwidth

Test Result

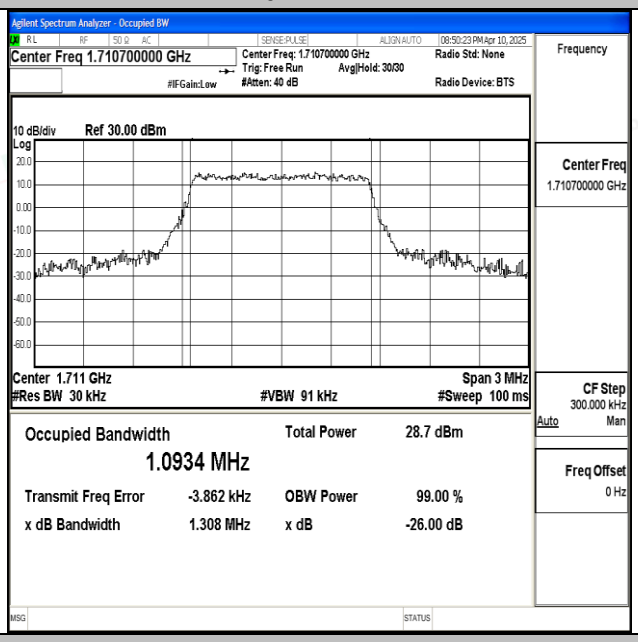
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0920	1.282	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0934	1.308	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0930	1.294	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0927	1.297	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0922	1.286	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1003	1.317	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7283	3.029	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7218	2.989	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7288	3.017	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7168	2.992	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7263	3.024	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7195	3.004	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4960	4.974	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4988	5.005	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4970	4.972	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4964	4.978	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5078	4.996	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4911	4.927	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9868	9.877	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9853	9.786	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9901	9.899	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9575	9.758	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9807	9.903	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9834	9.754	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.490	14.70	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.470	14.61	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.485	14.59	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.485	14.63	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.482	14.73	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.480	14.76	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.963	19.49	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.999	19.55	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.931	19.46	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.945	19.41	PASS

Band4	20MHz	QPSK	20300	100RB#0	17.940	19.65	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.936	19.28	PASS

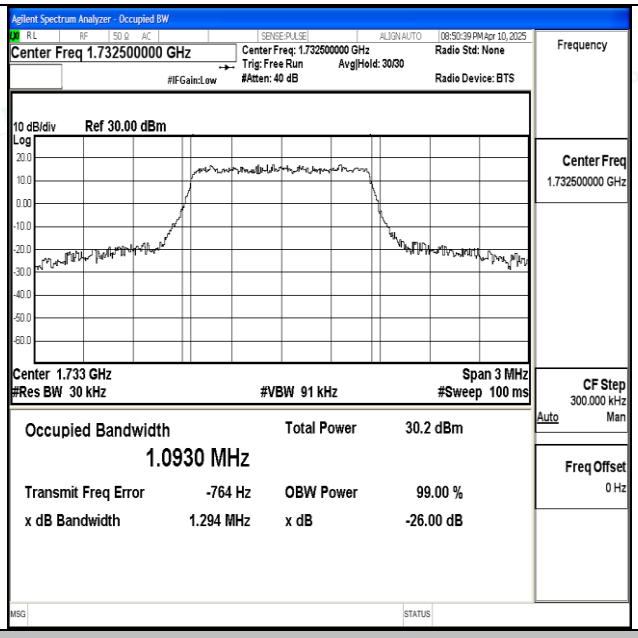
Test Graphs



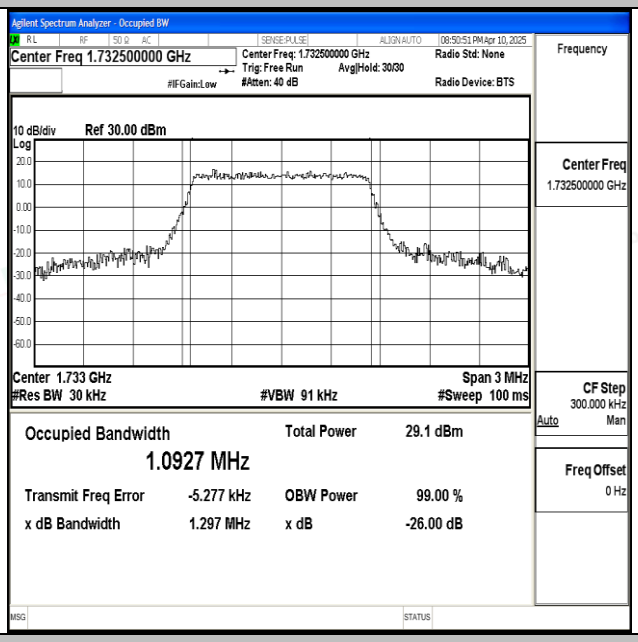
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



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



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



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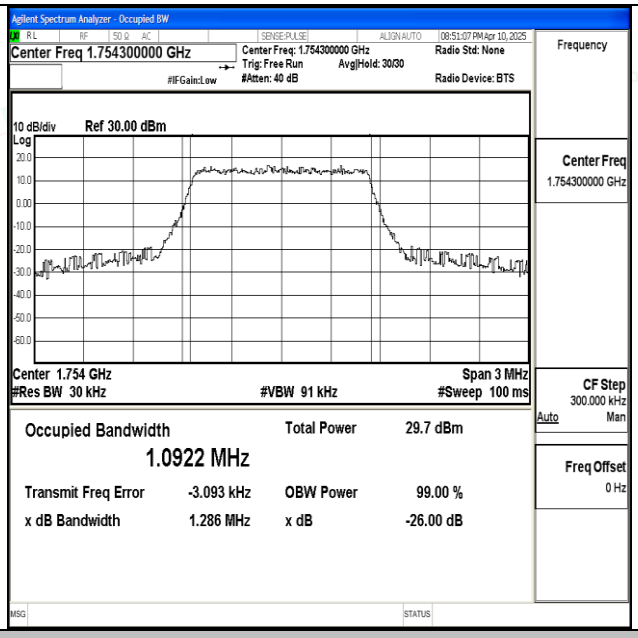
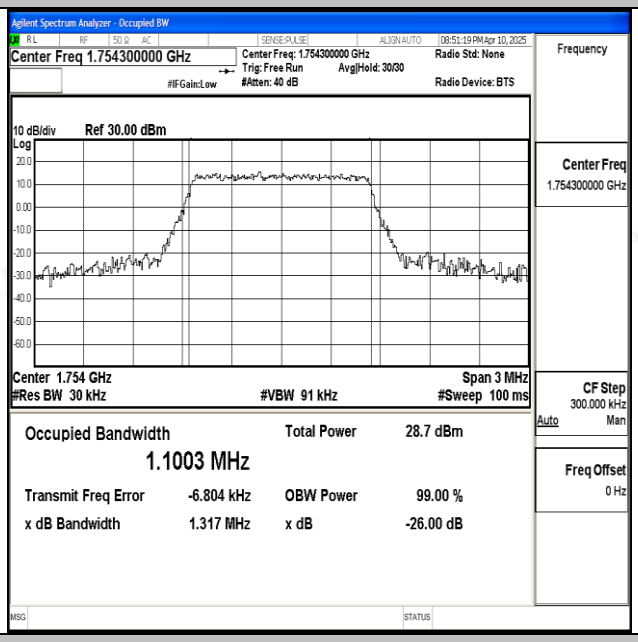
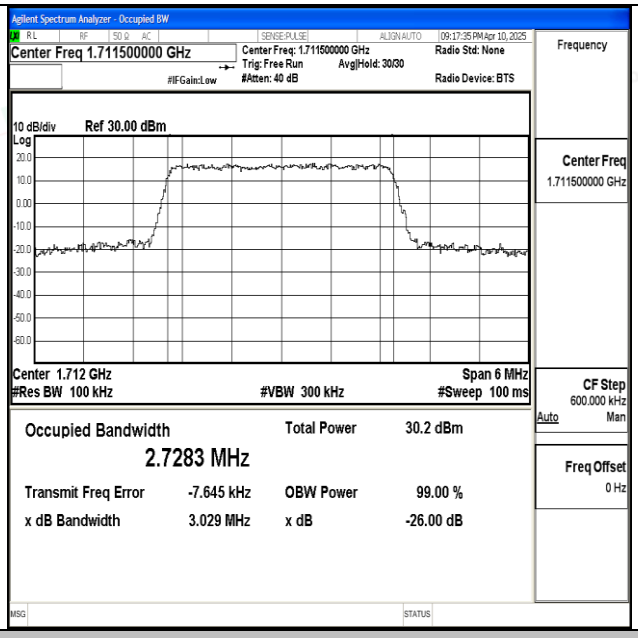


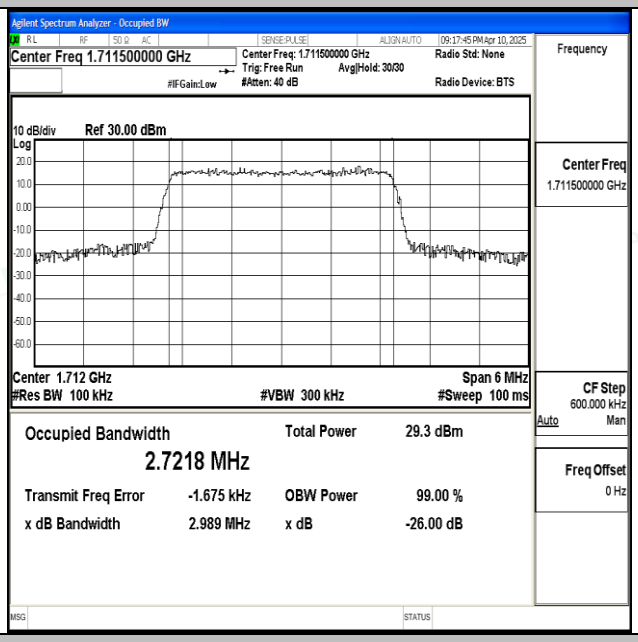
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



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



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



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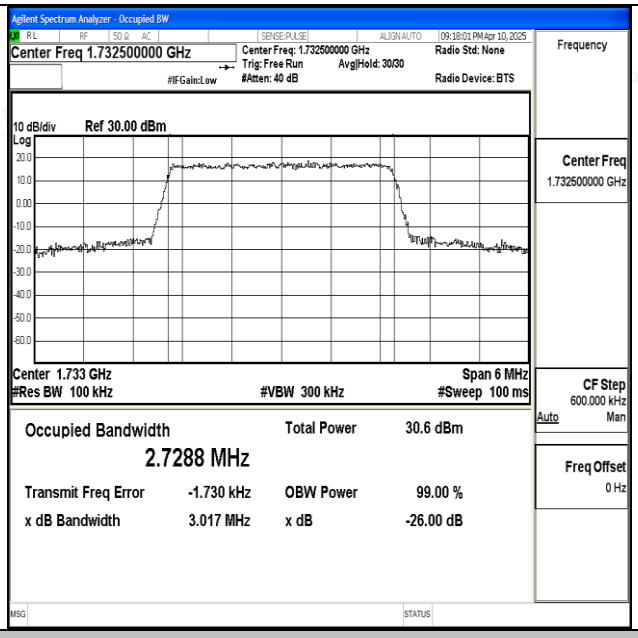

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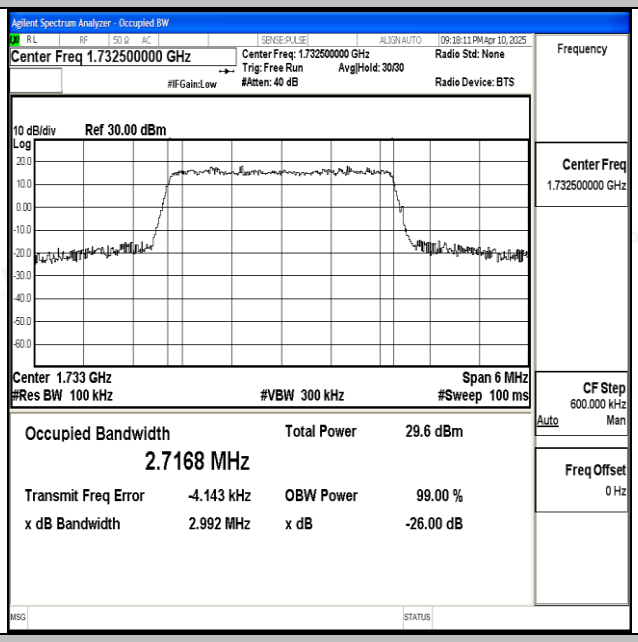
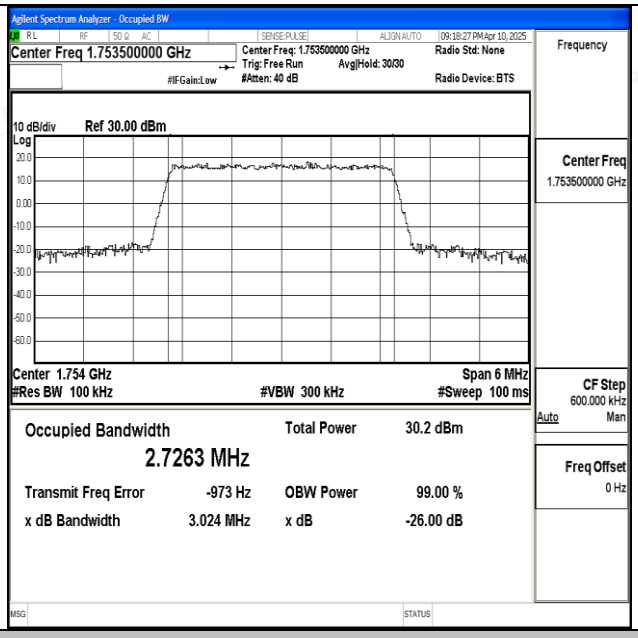
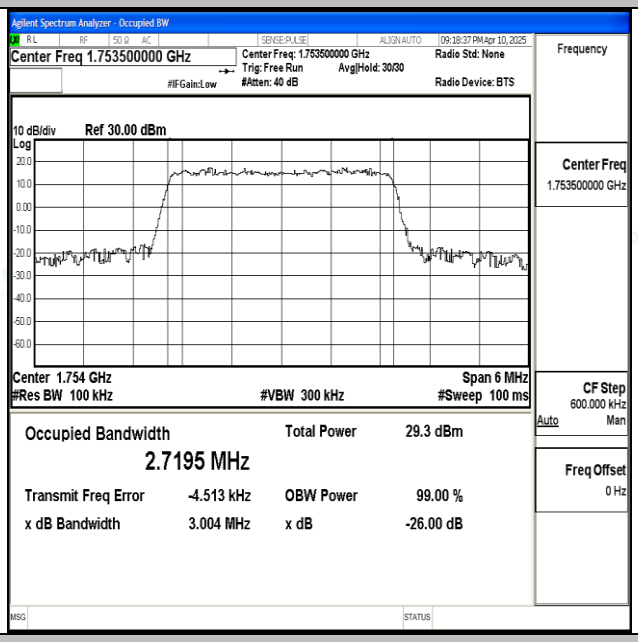


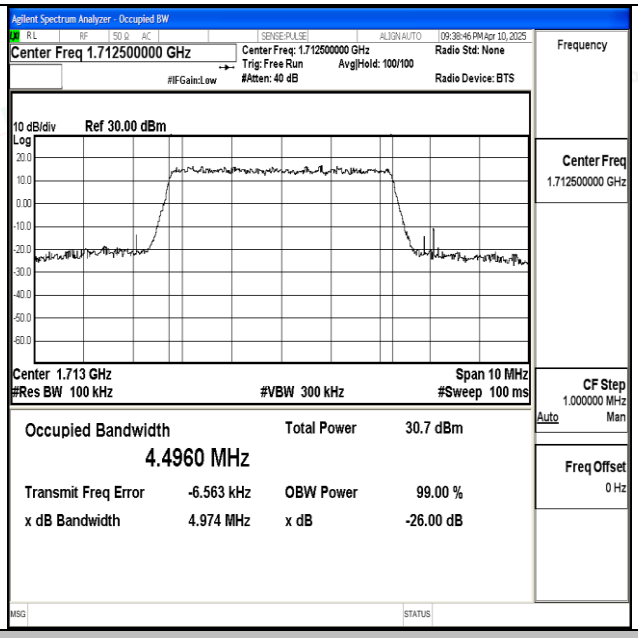
Band4-3MHz-16QAM-20175-15RB#0-PASS



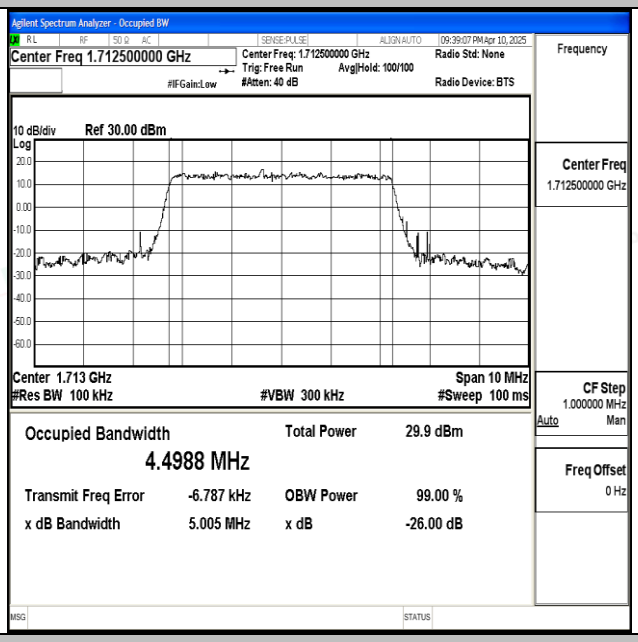
Band4-3MHz-QPSK-20385-15RB#0-PASS



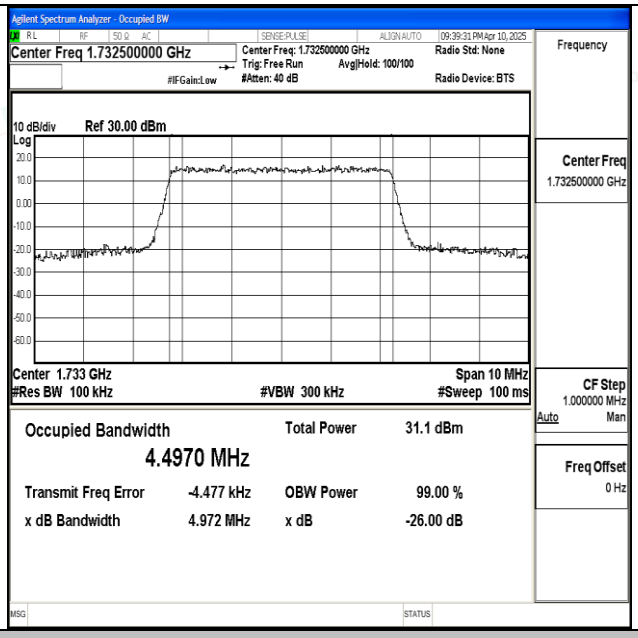
Band4-3MHz-16QAM-20385-15RB#0-PASS



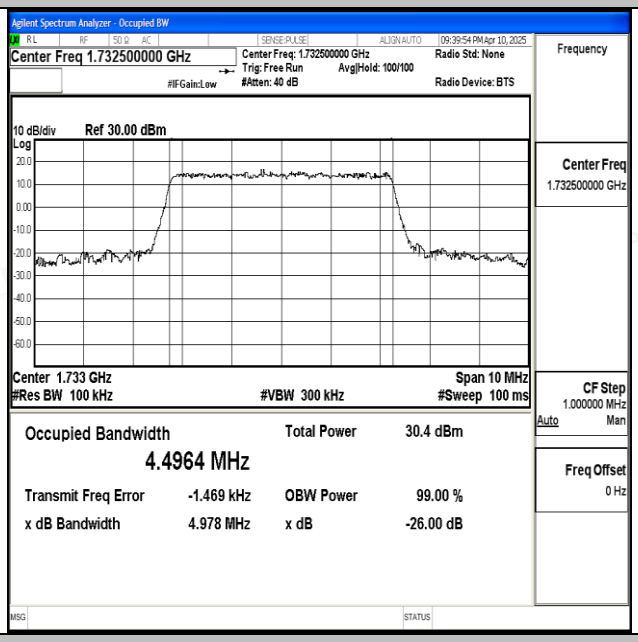
Band4-5MHz-QPSK-19975-25RB#0-PASS



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



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



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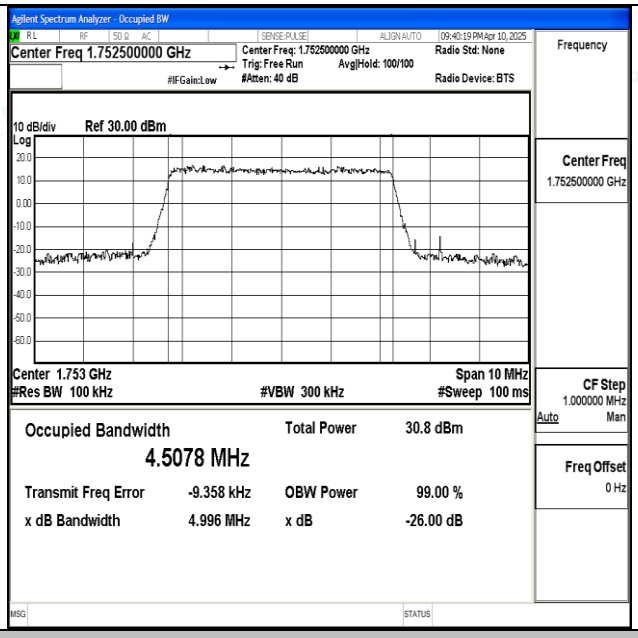
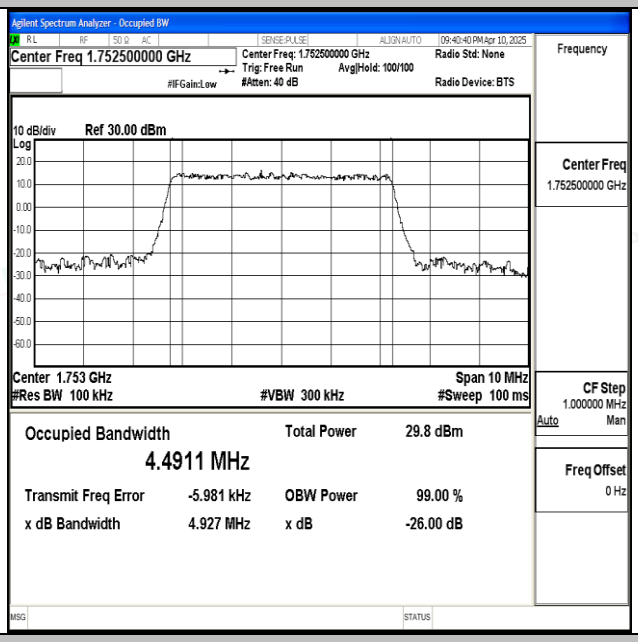
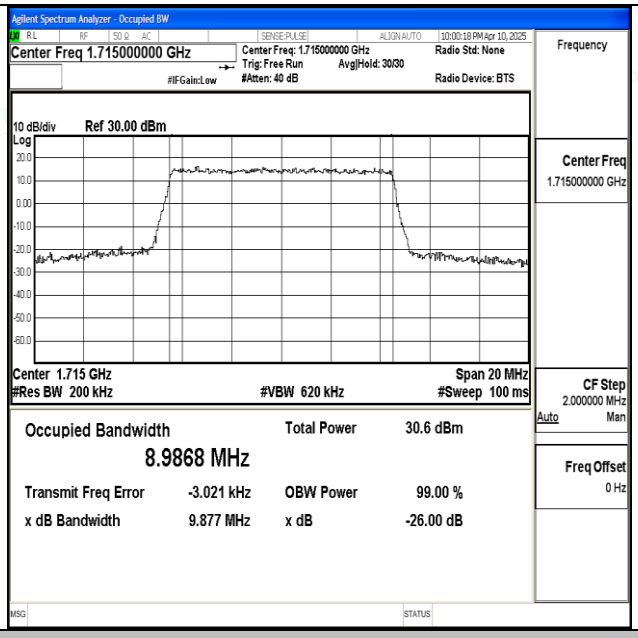


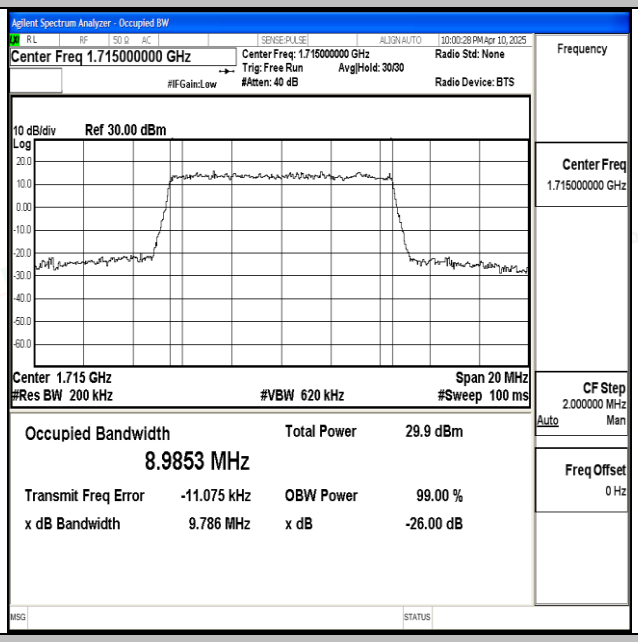
Band4-5MHz-QPSK-20375-25RB#0-PASS



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



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



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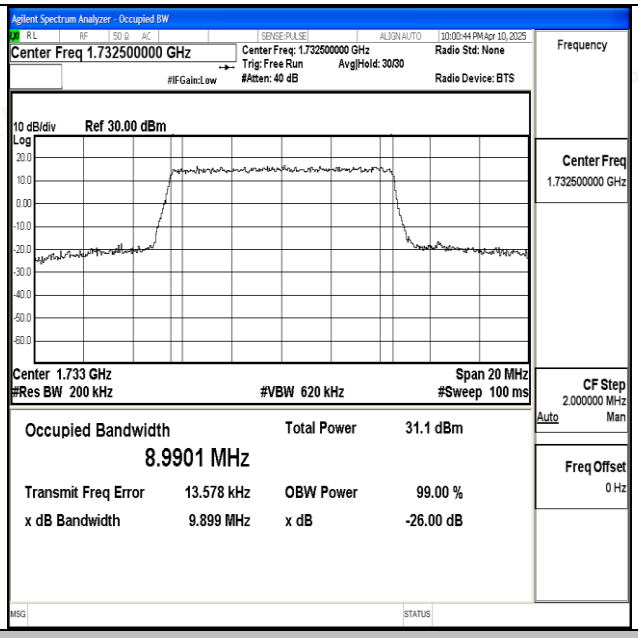

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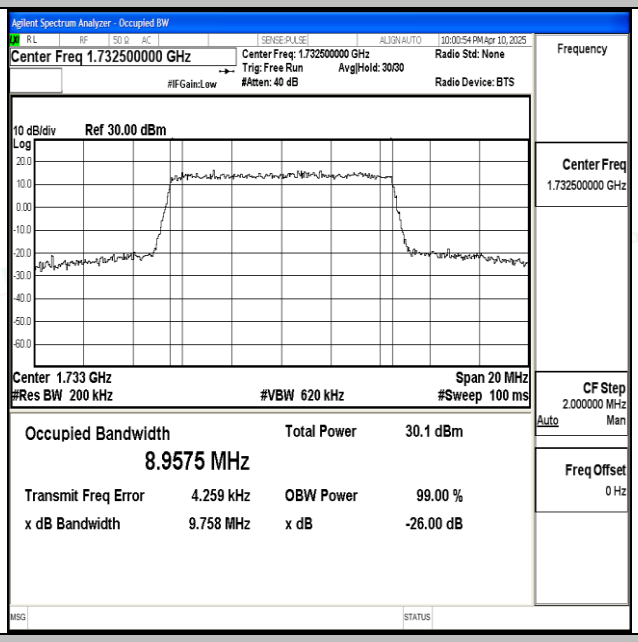

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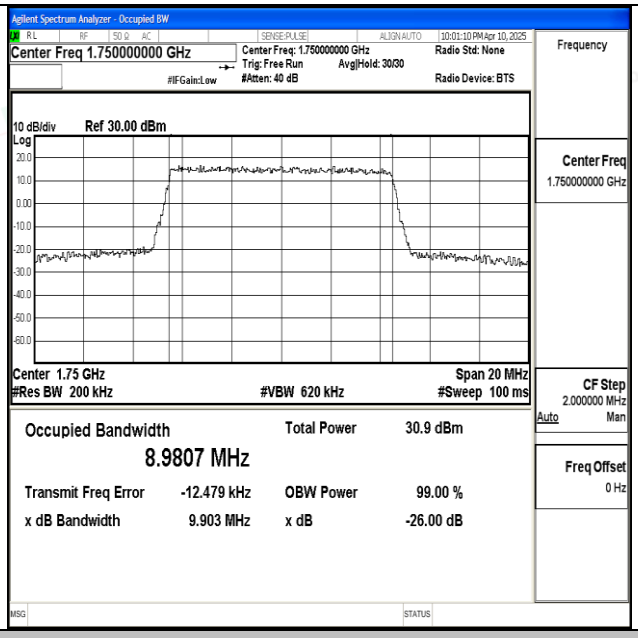

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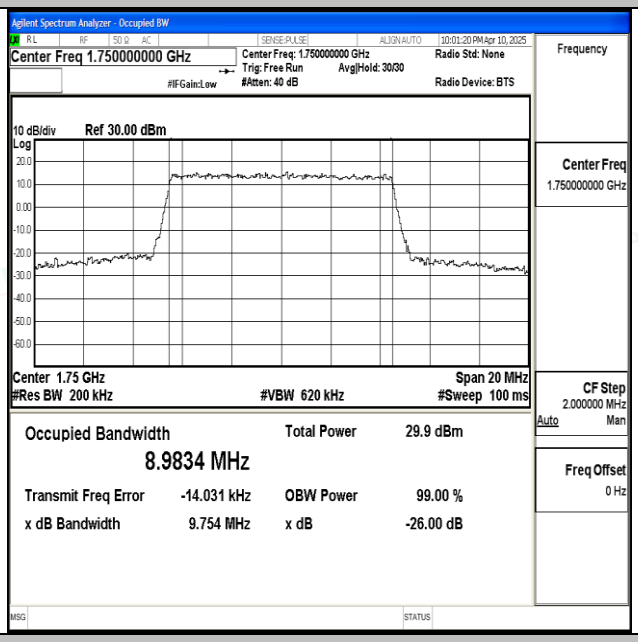
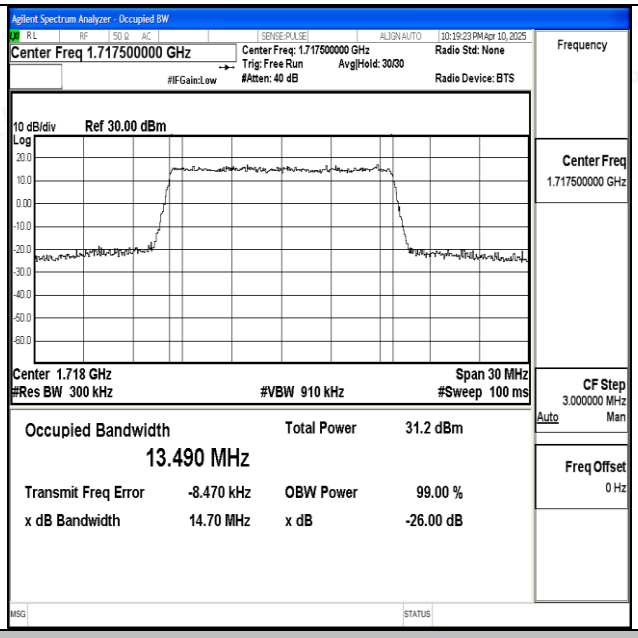
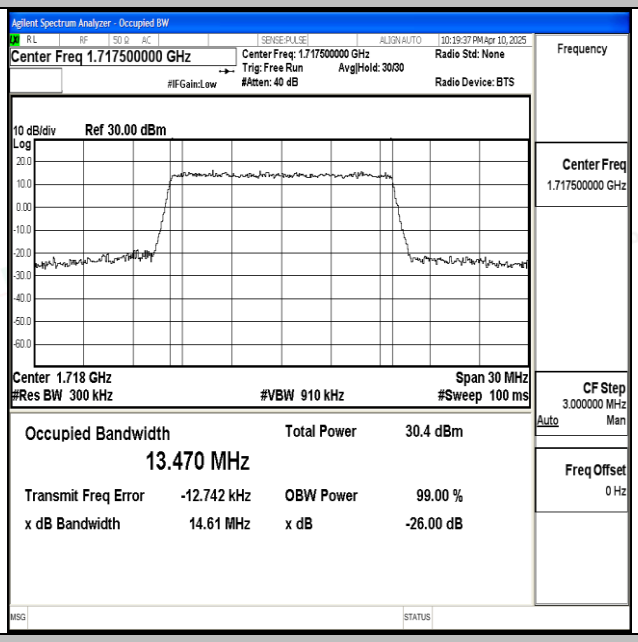


Band4-10MHz-16QAM-20350-50RB#0-PASS



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



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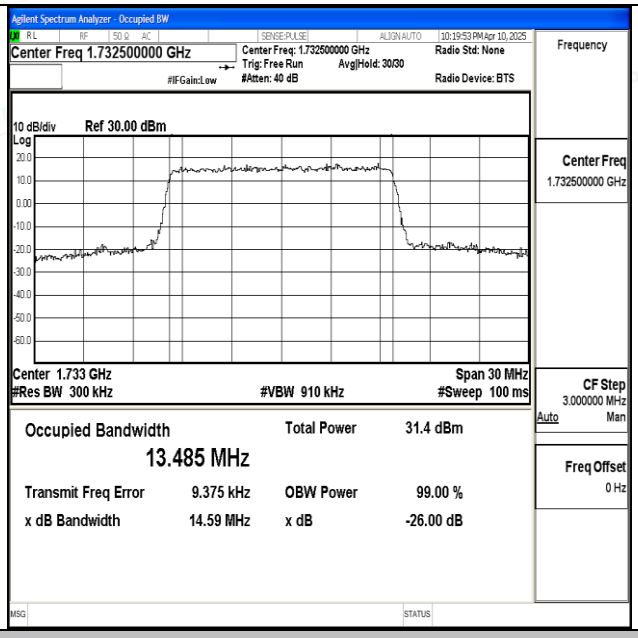

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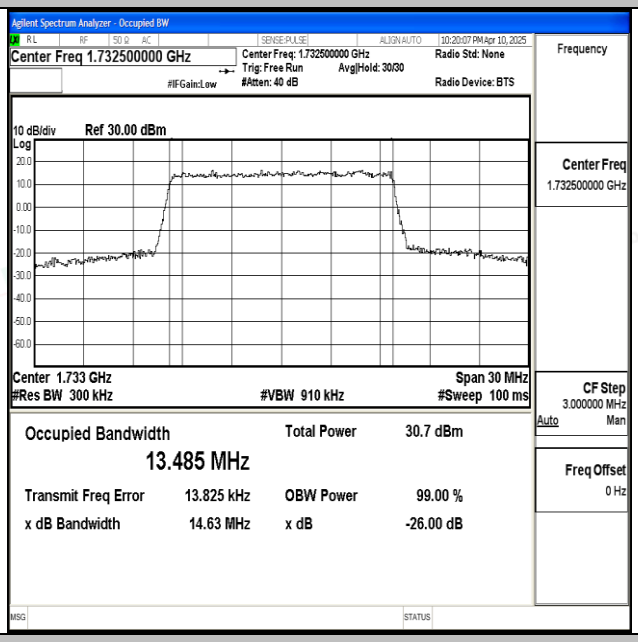

Band4-15MHz-16QAM-20175-75RB#0-PASS