

Appendix C: Test Data for E-UTRA Band 4

Product Name: GPS 4G TRACKER TUBE

Test Model: GPS 4G TRACKER TUBE (cat1)

Environmental Conditions

Temperature:	24.5°C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	zhao xing hai
Supervised by:	Fengliu Tang

C.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	25.09	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	24.94	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	25.11	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	25.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	25.08	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	25.01	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	24.06	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	24.17	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	24.60	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	24.17	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	23.93	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	24.13	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	23.93	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	23.11	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.82	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	24.13	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	24.08	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.95	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.92	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.72	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.83	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.50	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.22	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.23	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.93	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.99	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.77	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.85	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	24.39	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	24.35	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	24.40	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	24.34	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	24.37	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	24.38	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.43	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.51	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.91	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.51	PASS

Band4	1.4MHz	16QAM	20393	3RB#0	23.30	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	23.43	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	23.33	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.47	PASS
Band4	3MHz	QPSK	19965	1RB#0	24.99	PASS
Band4	3MHz	QPSK	19965	1RB#8	24.99	PASS
Band4	3MHz	QPSK	19965	1RB#14	24.74	PASS
Band4	3MHz	QPSK	19965	8RB#0	24.13	PASS
Band4	3MHz	QPSK	19965	8RB#4	24.04	PASS
Band4	3MHz	QPSK	19965	8RB#7	24.05	PASS
Band4	3MHz	QPSK	19965	15RB#0	24.03	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.90	PASS
Band4	3MHz	16QAM	19965	1RB#8	24.37	PASS
Band4	3MHz	16QAM	19965	1RB#14	23.82	PASS
Band4	3MHz	16QAM	19965	8RB#0	23.14	PASS
Band4	3MHz	16QAM	19965	8RB#4	23.08	PASS
Band4	3MHz	16QAM	19965	8RB#7	23.06	PASS
Band4	3MHz	16QAM	19965	15RB#0	23.08	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.78	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.88	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.78	PASS
Band4	3MHz	QPSK	20175	8RB#0	23.23	PASS
Band4	3MHz	QPSK	20175	8RB#4	23.24	PASS
Band4	3MHz	QPSK	20175	8RB#7	23.18	PASS
Band4	3MHz	QPSK	20175	15RB#0	23.08	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.77	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.27	PASS
Band4	3MHz	16QAM	20175	1RB#14	23.24	PASS
Band4	3MHz	16QAM	20175	8RB#0	22.29	PASS
Band4	3MHz	16QAM	20175	8RB#4	22.19	PASS
Band4	3MHz	16QAM	20175	8RB#7	22.23	PASS
Band4	3MHz	16QAM	20175	15RB#0	22.17	PASS
Band4	3MHz	QPSK	20385	1RB#0	24.39	PASS
Band4	3MHz	QPSK	20385	1RB#8	24.51	PASS
Band4	3MHz	QPSK	20385	1RB#14	24.35	PASS
Band4	3MHz	QPSK	20385	8RB#0	23.48	PASS
Band4	3MHz	QPSK	20385	8RB#4	23.55	PASS
Band4	3MHz	QPSK	20385	8RB#7	23.56	PASS
Band4	3MHz	QPSK	20385	15RB#0	23.50	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.54	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.53	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.55	PASS
Band4	3MHz	16QAM	20385	8RB#0	22.59	PASS

Band4	3MHz	16QAM	20385	8RB#4	22.50	PASS
Band4	3MHz	16QAM	20385	8RB#7	22.68	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.52	PASS
Band4	5MHz	QPSK	19975	1RB#0	25.11	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.99	PASS
Band4	5MHz	QPSK	19975	1RB#24	24.66	PASS
Band4	5MHz	QPSK	19975	12RB#0	23.88	PASS
Band4	5MHz	QPSK	19975	12RB#6	23.76	PASS
Band4	5MHz	QPSK	19975	12RB#13	23.62	PASS
Band4	5MHz	QPSK	19975	25RB#0	23.70	PASS
Band4	5MHz	16QAM	19975	1RB#0	24.29	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.95	PASS
Band4	5MHz	16QAM	19975	1RB#24	23.68	PASS
Band4	5MHz	16QAM	19975	12RB#0	23.02	PASS
Band4	5MHz	16QAM	19975	12RB#6	22.81	PASS
Band4	5MHz	16QAM	19975	12RB#13	22.74	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.83	PASS
Band4	5MHz	QPSK	20175	1RB#0	24.28	PASS
Band4	5MHz	QPSK	20175	1RB#12	24.13	PASS
Band4	5MHz	QPSK	20175	1RB#24	24.16	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.94	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.95	PASS
Band4	5MHz	QPSK	20175	12RB#13	23.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.91	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.14	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.90	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.09	PASS
Band4	5MHz	16QAM	20175	12RB#0	22.06	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.96	PASS
Band4	5MHz	16QAM	20175	12RB#13	22.13	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.92	PASS
Band4	5MHz	QPSK	20375	1RB#0	24.42	PASS
Band4	5MHz	QPSK	20375	1RB#12	24.28	PASS
Band4	5MHz	QPSK	20375	1RB#24	24.39	PASS
Band4	5MHz	QPSK	20375	12RB#0	23.22	PASS
Band4	5MHz	QPSK	20375	12RB#6	23.26	PASS
Band4	5MHz	QPSK	20375	12RB#13	23.36	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.33	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.54	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.48	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.67	PASS
Band4	5MHz	16QAM	20375	12RB#0	22.37	PASS
Band4	5MHz	16QAM	20375	12RB#6	22.32	PASS

Band4	5MHz	16QAM	20375	12RB#13	22.50	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.35	PASS
Band4	10MHz	QPSK	20000	1RB#0	25.07	PASS
Band4	10MHz	QPSK	20000	1RB#24	24.45	PASS
Band4	10MHz	QPSK	20000	1RB#49	24.14	PASS
Band4	10MHz	QPSK	20000	25RB#0	23.64	PASS
Band4	10MHz	QPSK	20000	25RB#12	23.46	PASS
Band4	10MHz	QPSK	20000	25RB#25	23.26	PASS
Band4	10MHz	QPSK	20000	50RB#0	23.52	PASS
Band4	10MHz	16QAM	20000	1RB#0	24.08	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.95	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.19	PASS
Band4	10MHz	16QAM	20000	25RB#0	22.75	PASS
Band4	10MHz	16QAM	20000	25RB#12	22.60	PASS
Band4	10MHz	16QAM	20000	25RB#25	22.36	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.97	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.87	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.99	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.88	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.94	PASS
Band4	10MHz	QPSK	20175	25RB#25	23.03	PASS
Band4	10MHz	QPSK	20175	50RB#0	23.33	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.21	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.33	PASS
Band4	10MHz	16QAM	20175	1RB#49	23.37	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.99	PASS
Band4	10MHz	16QAM	20175	25RB#12	22.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	22.15	PASS
Band4	10MHz	QPSK	20350	1RB#0	24.09	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.97	PASS
Band4	10MHz	QPSK	20350	1RB#49	24.17	PASS
Band4	10MHz	QPSK	20350	25RB#0	23.12	PASS
Band4	10MHz	QPSK	20350	25RB#12	23.13	PASS
Band4	10MHz	QPSK	20350	25RB#25	23.23	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.72	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.23	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.57	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.38	PASS
Band4	10MHz	16QAM	20350	25RB#0	22.21	PASS
Band4	10MHz	16QAM	20350	25RB#12	22.26	PASS
Band4	10MHz	16QAM	20350	25RB#25	22.32	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.94	PASS
Band4	15MHz	QPSK	20025	1RB#38	24.16	PASS

Band4	15MHz	QPSK	20025	1RB#74	23.65	PASS
Band4	15MHz	QPSK	20025	36RB#0	23.42	PASS
Band4	15MHz	QPSK	20025	36RB#18	23.01	PASS
Band4	15MHz	QPSK	20025	36RB#39	22.73	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.98	PASS
Band4	15MHz	16QAM	20025	1RB#0	24.09	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.57	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.76	PASS
Band4	15MHz	QPSK	20175	1RB#0	24.03	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.91	PASS
Band4	15MHz	QPSK	20175	1RB#74	24.14	PASS
Band4	15MHz	QPSK	20175	36RB#0	23.12	PASS
Band4	15MHz	QPSK	20175	36RB#18	23.07	PASS
Band4	15MHz	QPSK	20175	36RB#39	23.21	PASS
Band4	15MHz	QPSK	20175	75RB#0	23.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.21	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.37	PASS
Band4	15MHz	16QAM	20175	1RB#74	23.53	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.89	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.96	PASS
Band4	15MHz	QPSK	20325	1RB#74	24.17	PASS
Band4	15MHz	QPSK	20325	36RB#0	23.10	PASS
Band4	15MHz	QPSK	20325	36RB#18	23.13	PASS
Band4	15MHz	QPSK	20325	36RB#39	23.20	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.13	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.07	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.38	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.42	PASS
Band4	20MHz	QPSK	20050	1RB#0	24.91	PASS
Band4	20MHz	QPSK	20050	1RB#49	24.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.51	PASS
Band4	20MHz	QPSK	20050	50RB#0	23.21	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.81	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.54	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.82	PASS
Band4	20MHz	16QAM	20050	1RB#0	24.36	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.31	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.21	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.98	PASS
Band4	20MHz	QPSK	20175	1RB#99	24.49	PASS
Band4	20MHz	QPSK	20175	50RB#0	23.12	PASS
Band4	20MHz	QPSK	20175	50RB#25	23.07	PASS

Band4	20MHz	QPSK	20175	50RB#50	23.26	PASS
Band4	20MHz	QPSK	20175	100RB#0	23.05	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.19	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.19	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.64	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.50	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.81	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.08	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.71	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.89	PASS
Band4	20MHz	QPSK	20300	50RB#50	23.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.84	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.89	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.09	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.55	PASS

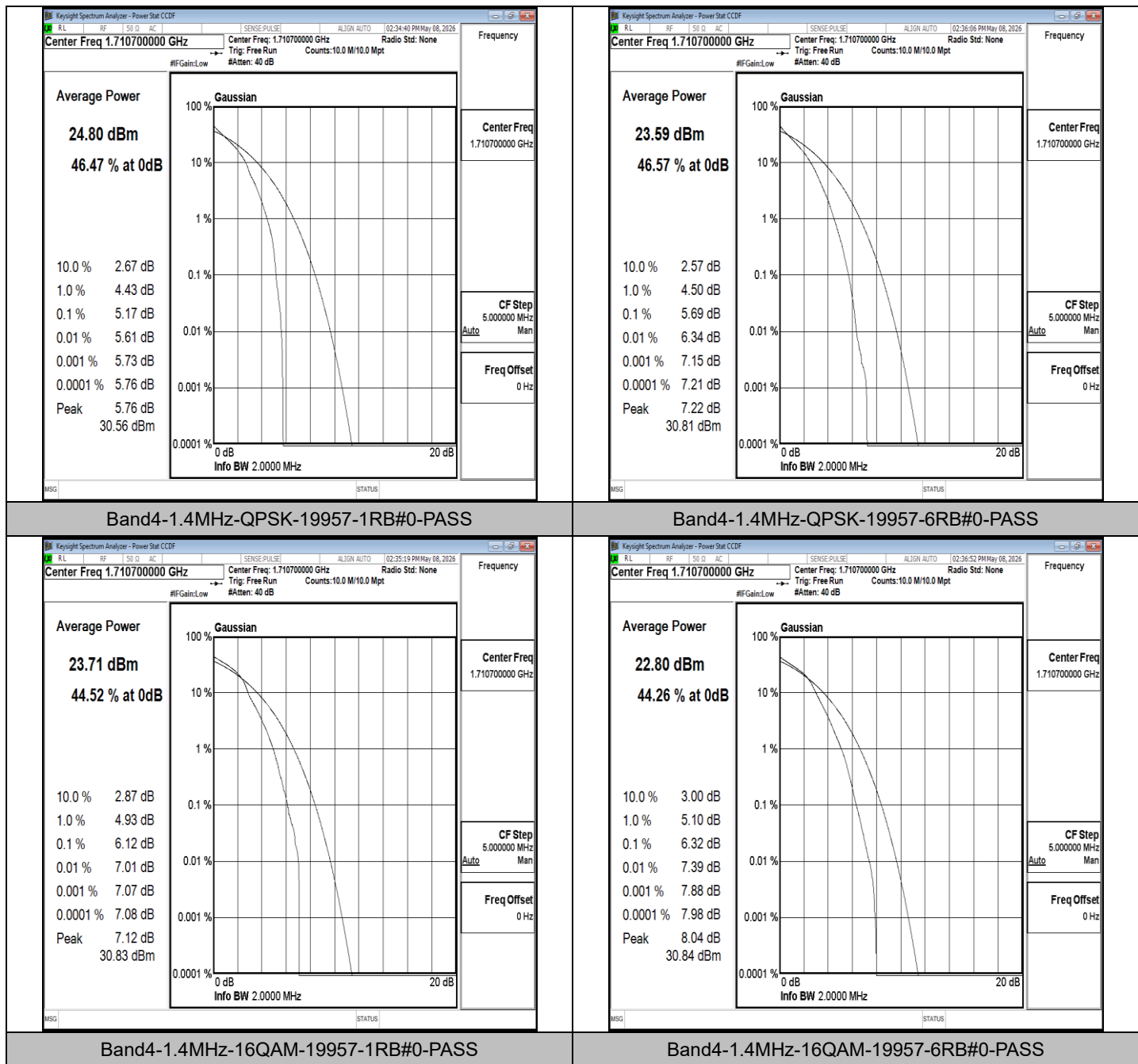
C.2 Peak-to-Average Ratio (CCDF)

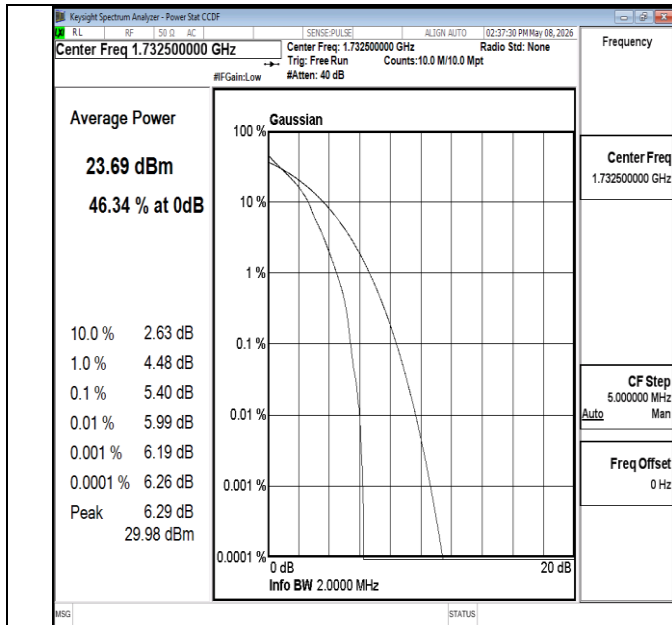
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	5.17	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.69	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	6.12	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.32	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	5.40	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.67	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	6.24	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.30	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.92	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.49	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.77	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.14	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	5.13	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.59	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	6.03	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.33	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.44	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.60	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	6.27	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.32	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.86	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.48	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.80	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.22	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.04	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.73	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	6.08	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.30	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.23	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.70	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	6.24	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.29	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.88	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.61	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.88	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.22	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	5.12	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.68	13	PASS

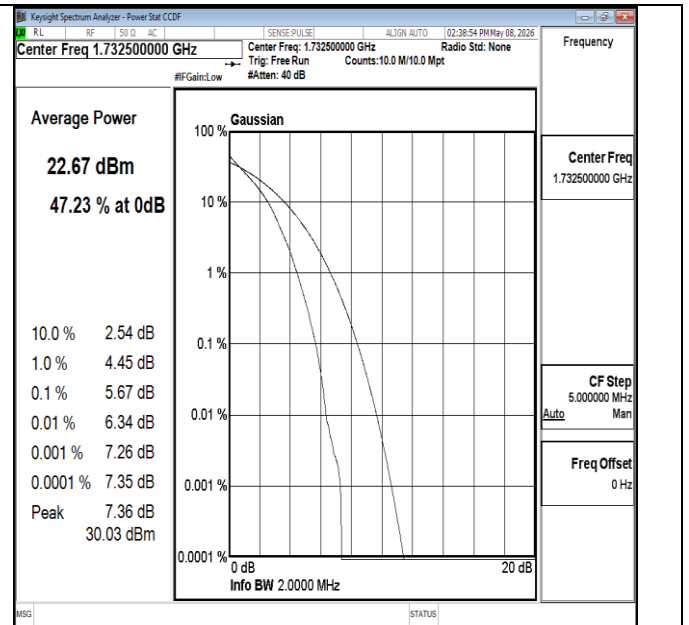
Band4	10MHz	16QAM	20000	1RB#0	6.22	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.33	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.65	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	6.45	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.03	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.53	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	6.03	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	5.23	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.97	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	6.27	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	5.31	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.94	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	6.49	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	5.25	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.81	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	6.29	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.36	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.71	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.47	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.68	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	5.46	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.61	13	PASS

Test Graphs

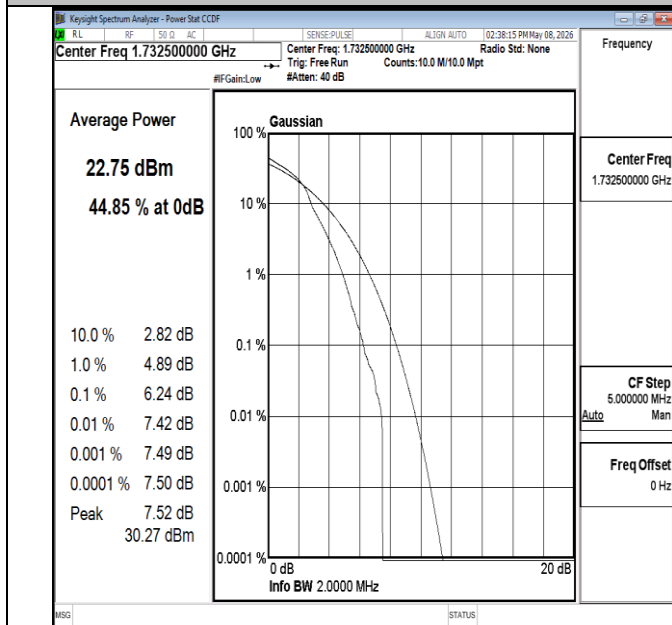




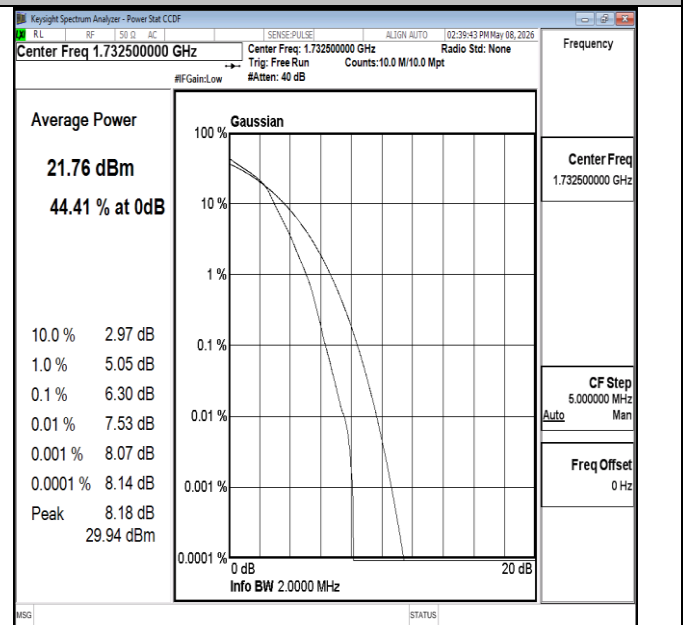
Band4-1.4MHz-QPSK-20175-1RB#0-PASS



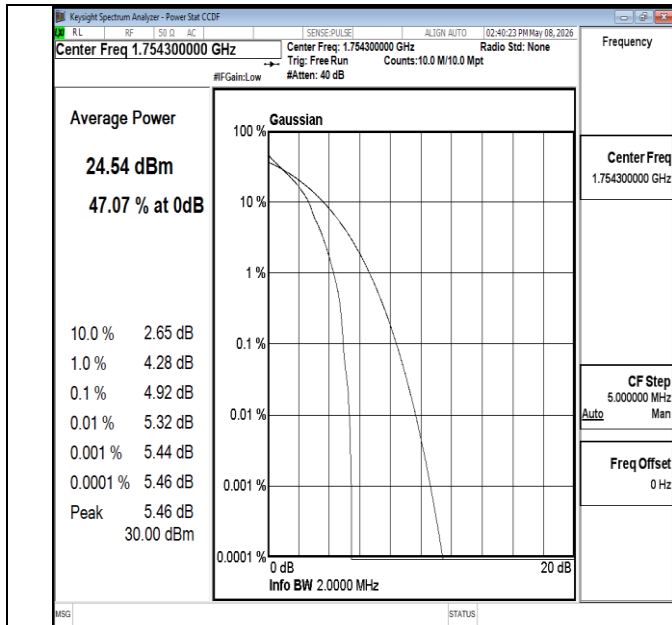
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



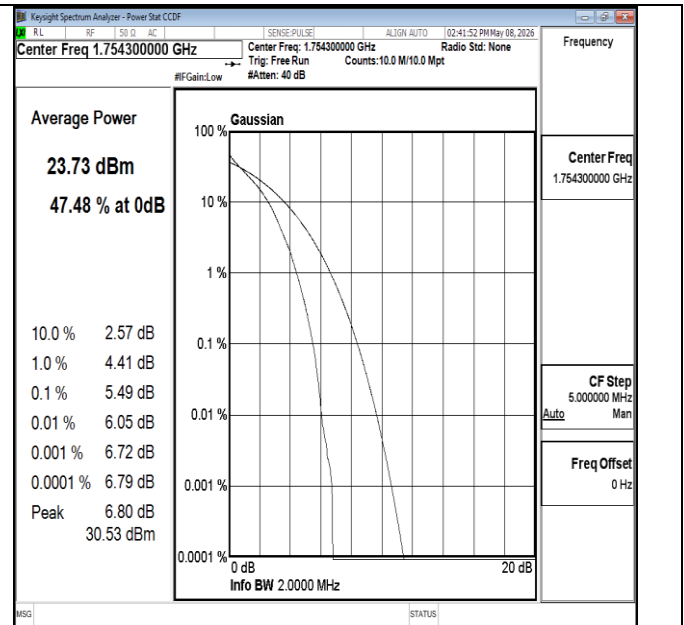
Band4-1.4MHz-16QAM-20175-1RB#0-PASS



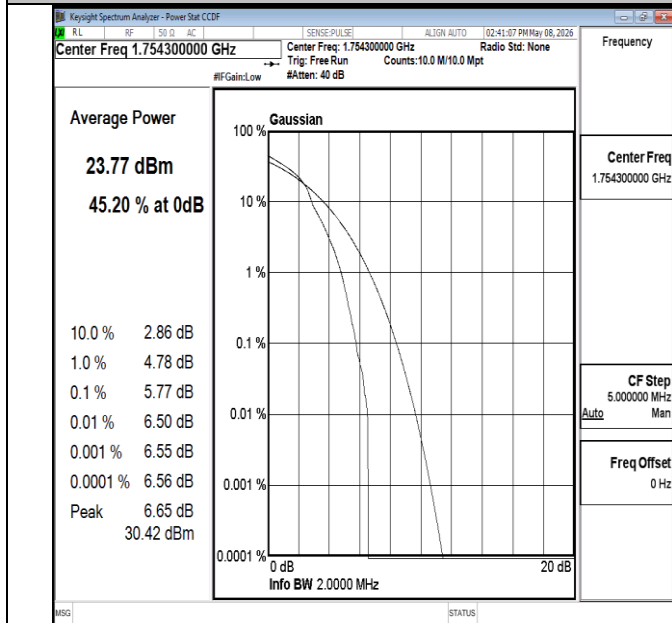
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



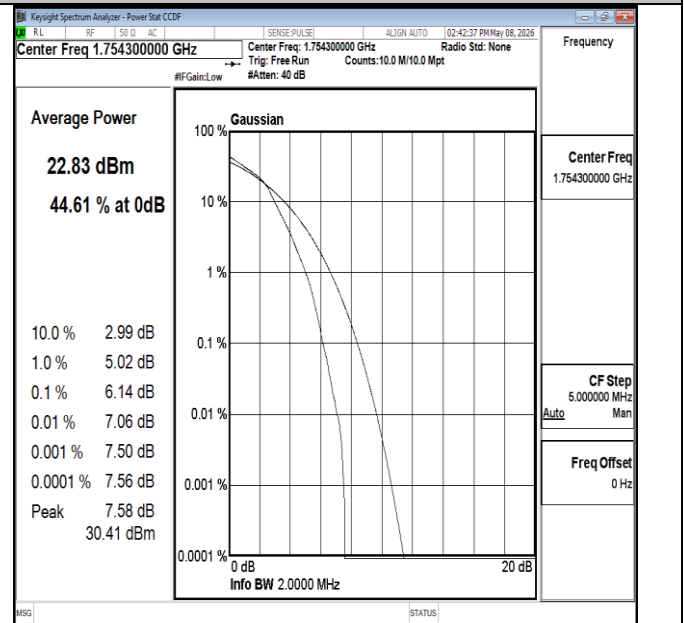
Band4-1.4MHz-QPSK-20393-1RB#0-PASS



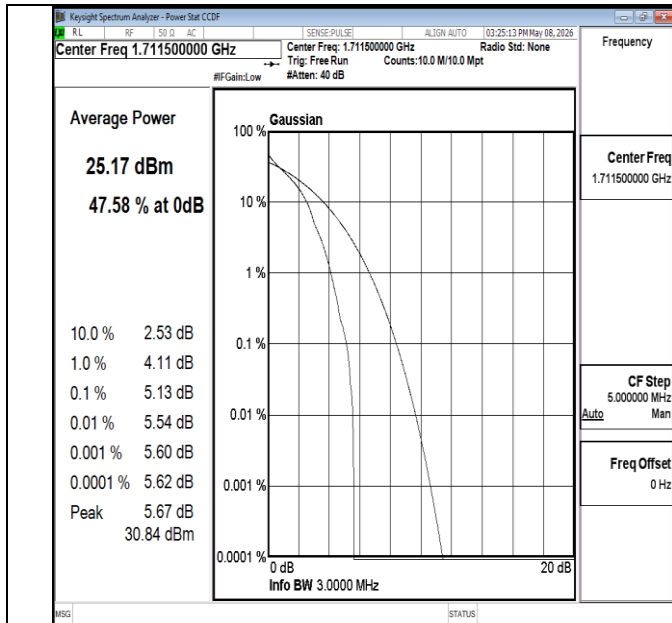
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



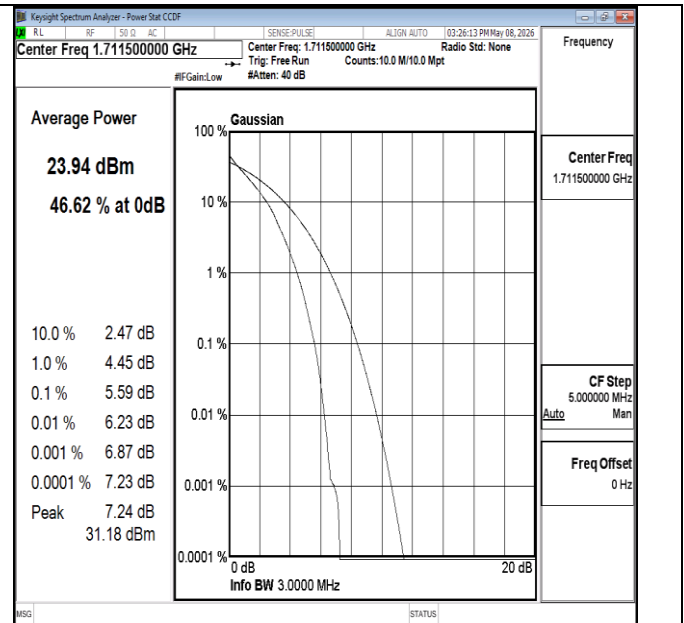
Band4-1.4MHz-16QAM-20393-1RB#0-PASS



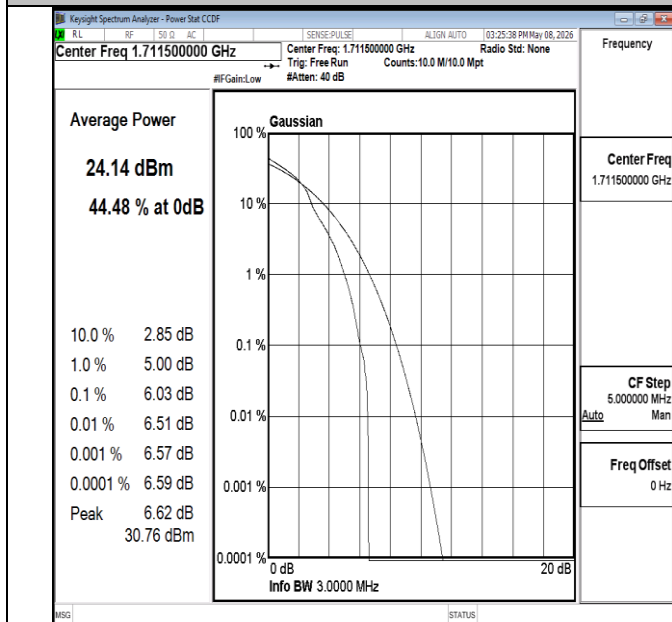
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



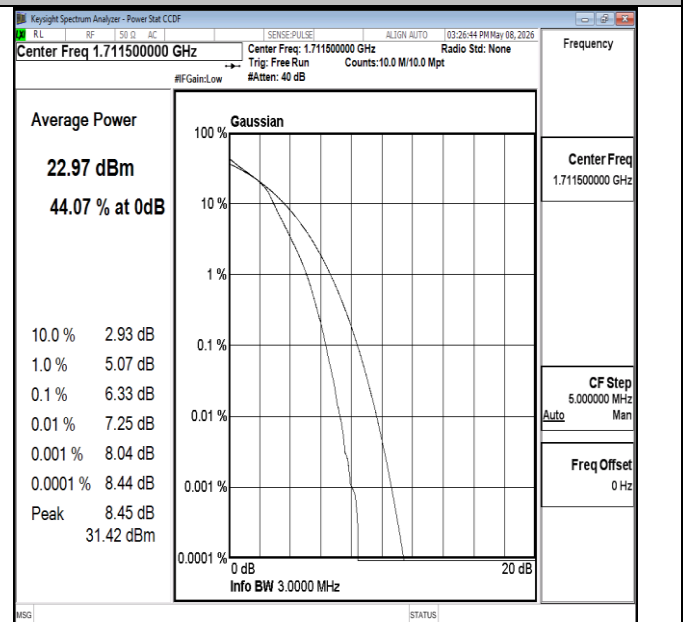
Band4-3MHz-QPSK-19965-1RB#0-PASS



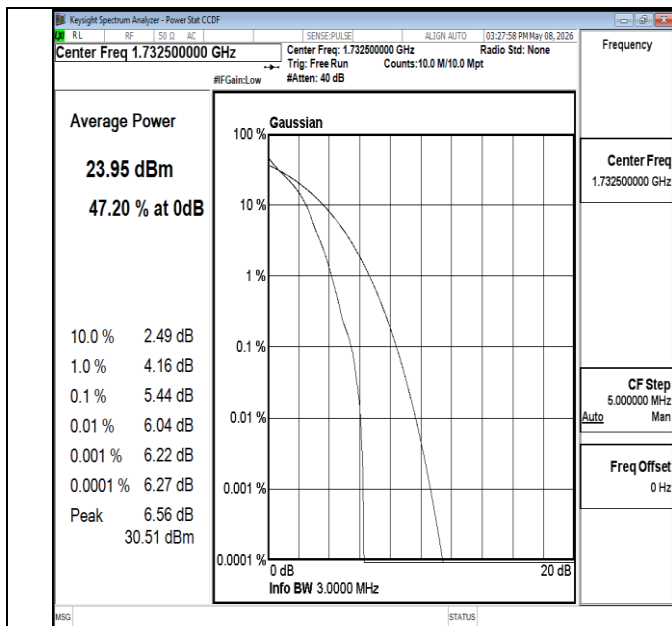
Band4-3MHz-QPSK-19965-15RB#0-PASS



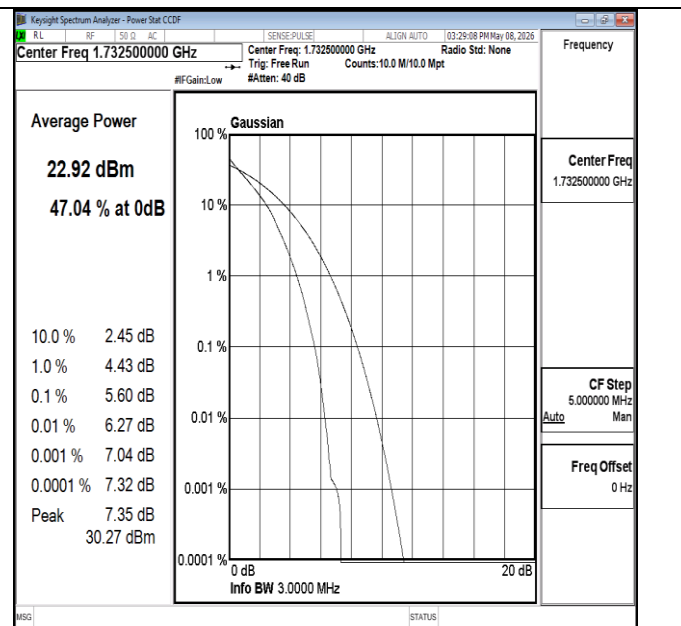
Band4-3MHz-16QAM-19965-1RB#0-PASS



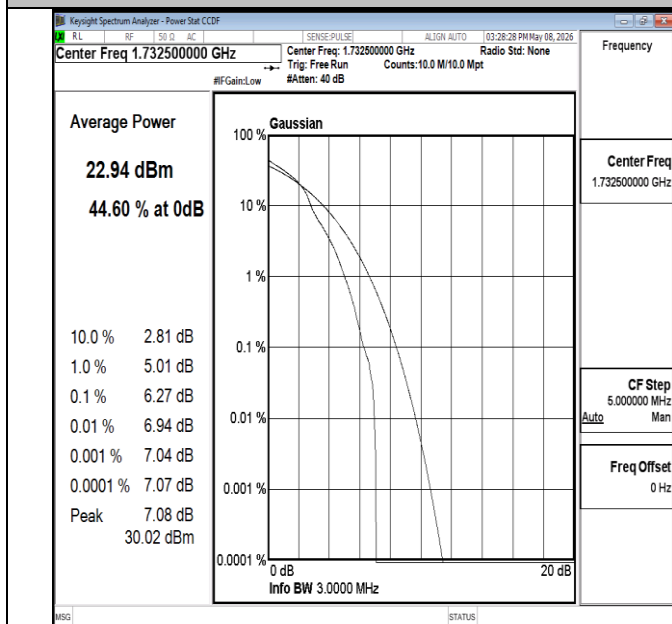
Band4-3MHz-16QAM-19965-15RB#0-PASS



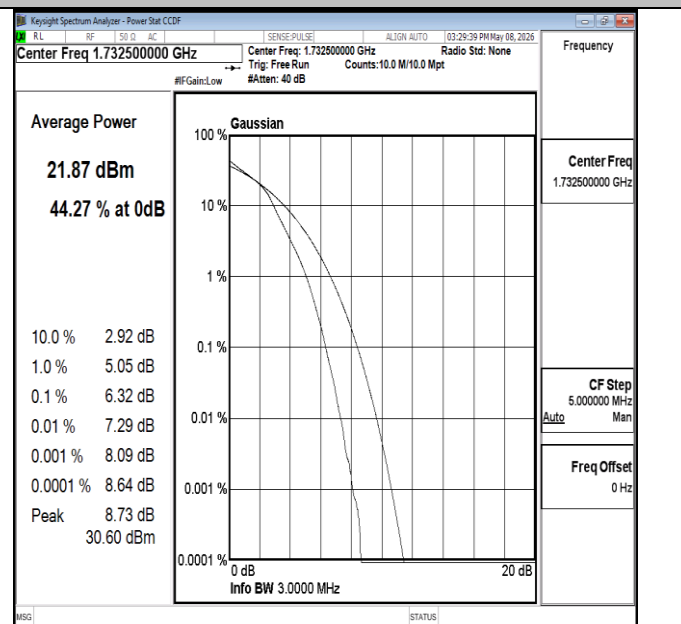
Band4-3MHz-QPSK-20175-1RB#0-PASS



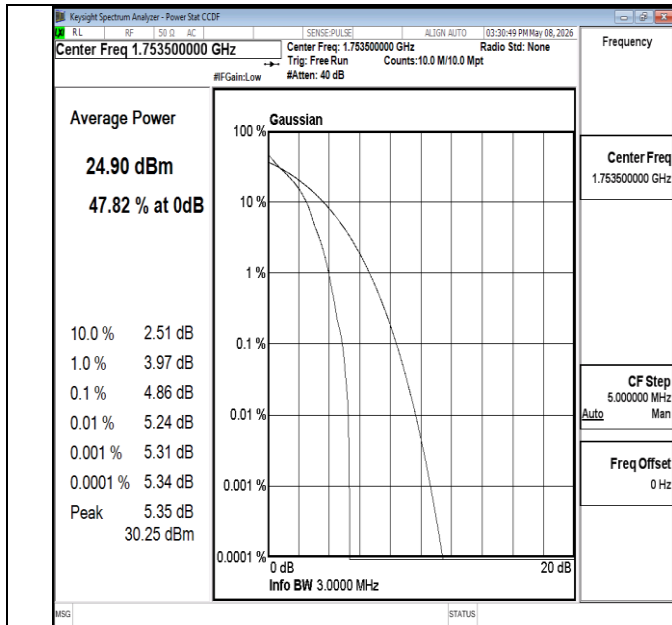
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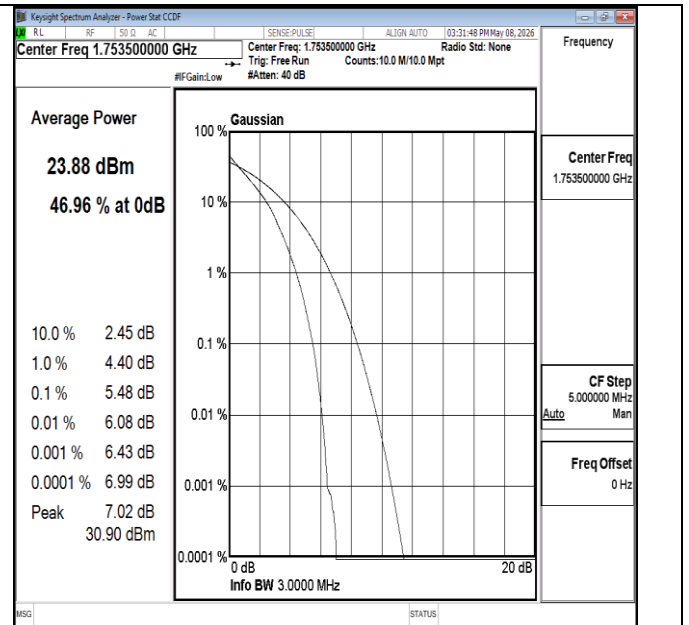
Band4-3MHz-16QAM-20175-1RB#0-PASS



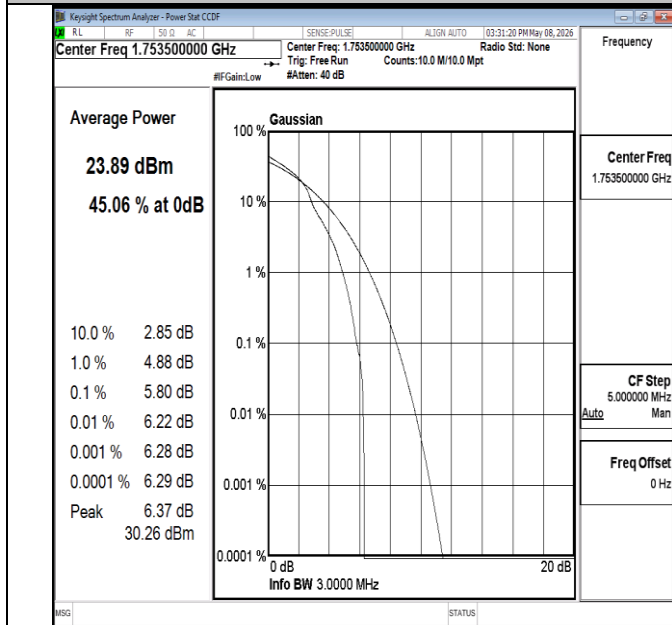
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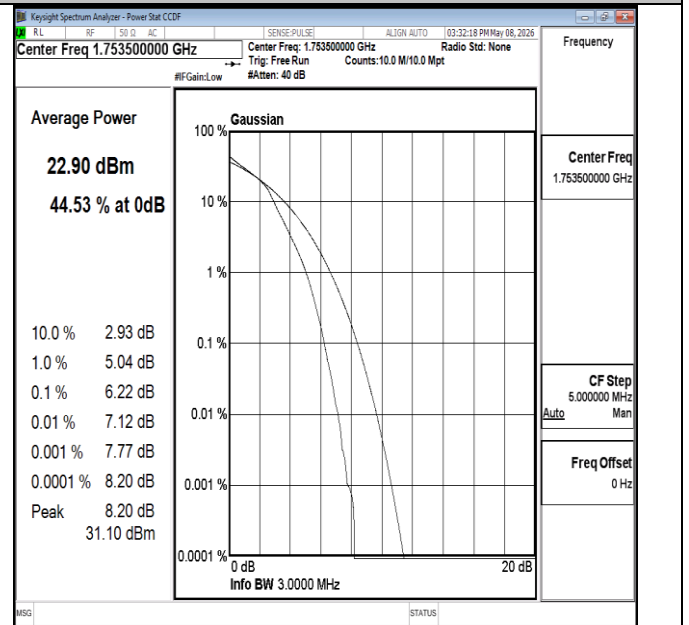
Band4-3MHz-QPSK-20385-1RB#0-PASS



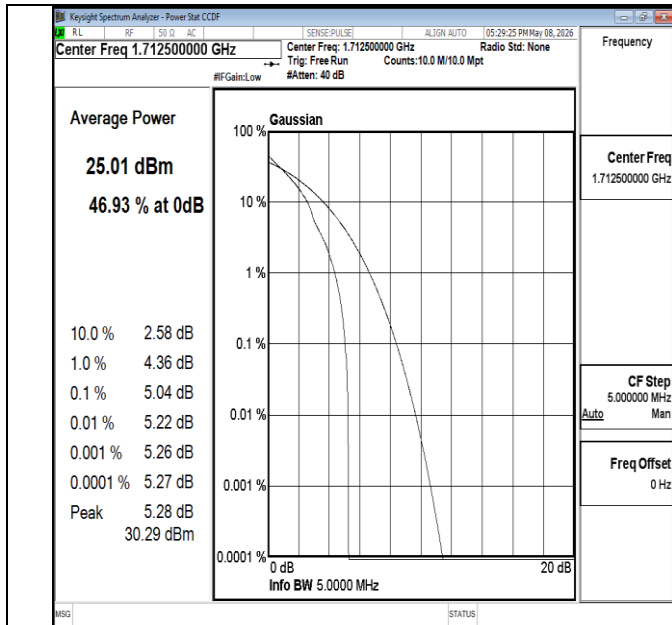
Band4-3MHz-QPSK-20385-15RB#0-PASS



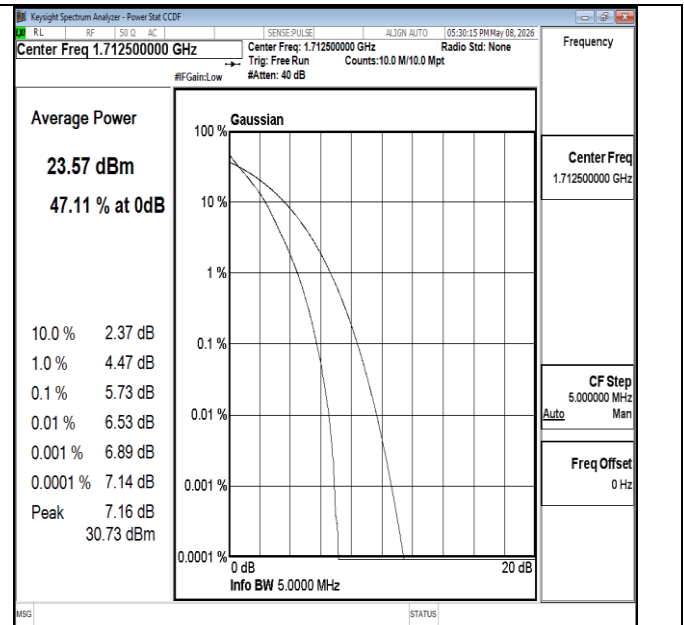
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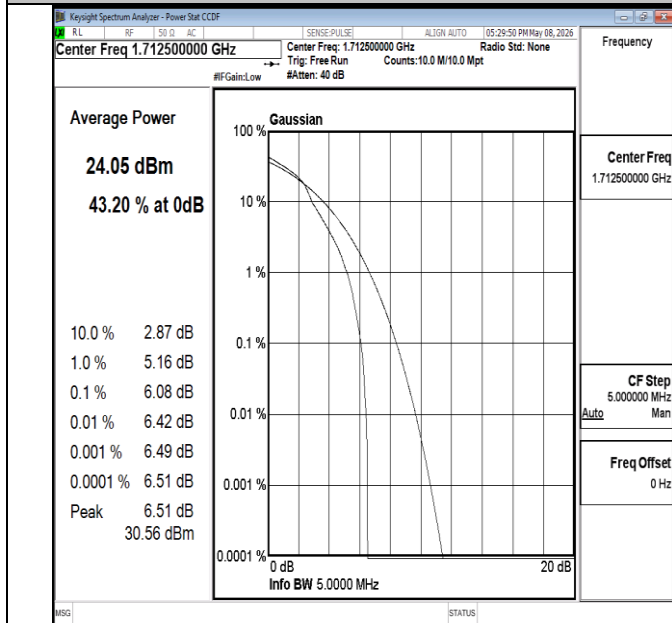
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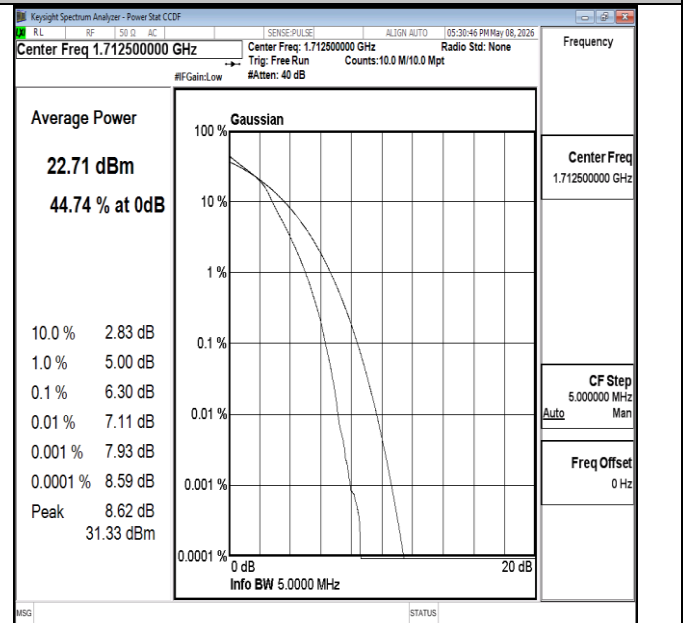
Band4-5MHz-QPSK-19975-1RB#0-PASS



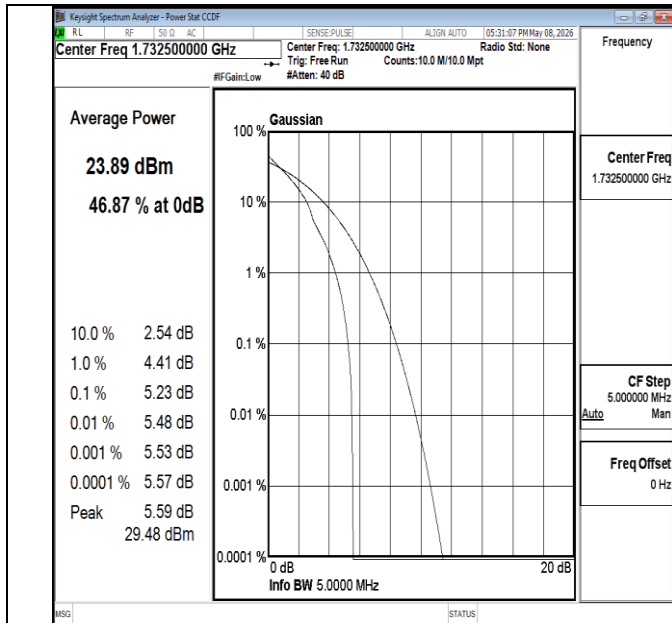
Band4-5MHz-QPSK-19975-25RB#0-PASS



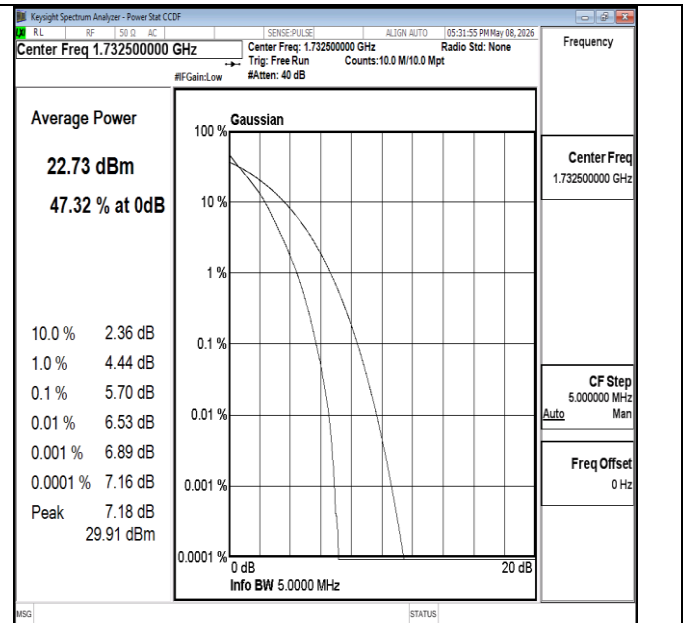
Band4-5MHz-16QAM-19975-1RB#0-PASS



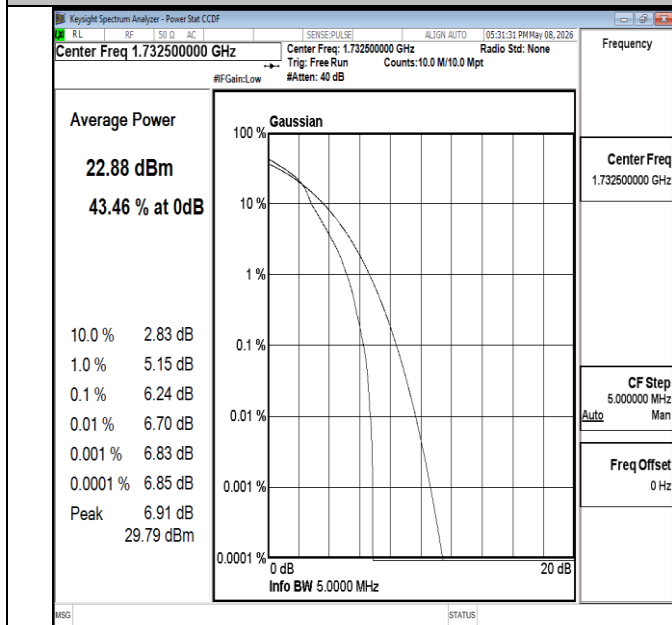
Band4-5MHz-16QAM-19975-25RB#0-PASS



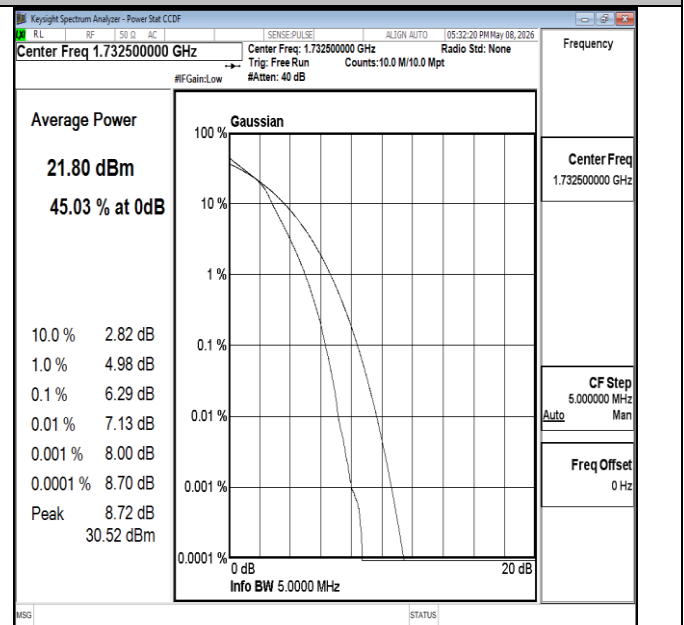
Band4-5MHz-QPSK-20175-1RB#0-PASS



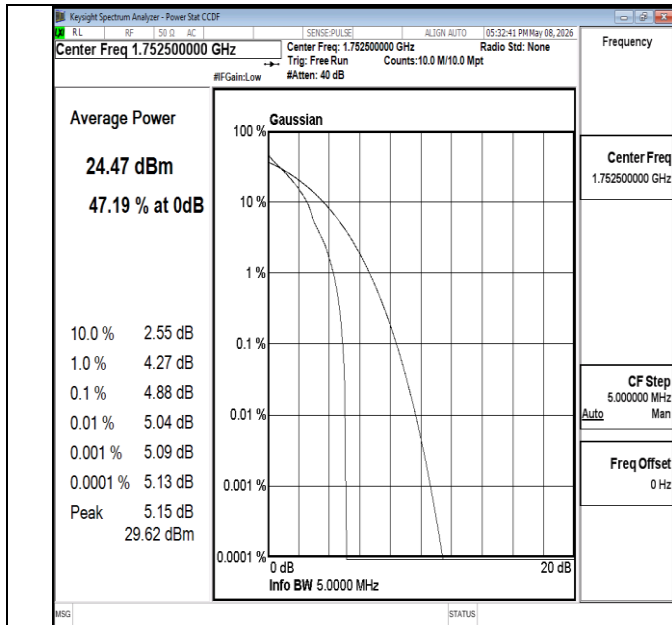
Band4-5MHz-QPSK-20175-25RB#0-PASS



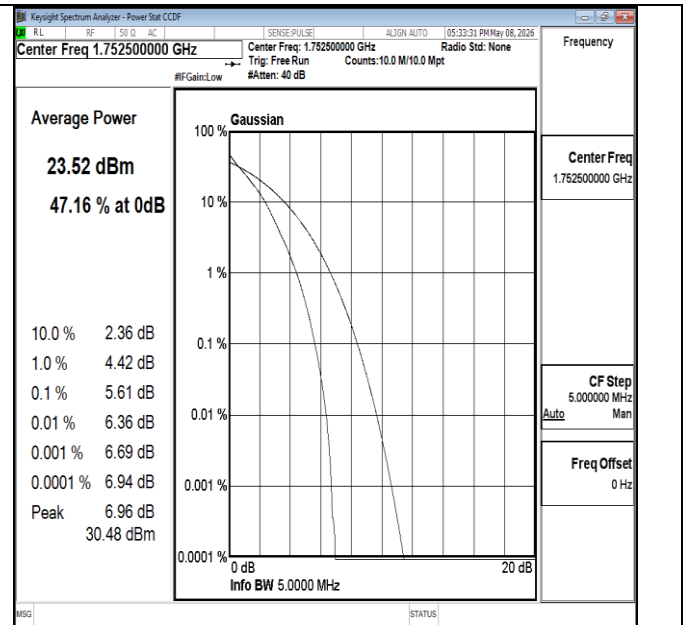
Band4-5MHz-16QAM-20175-1RB#0-PASS



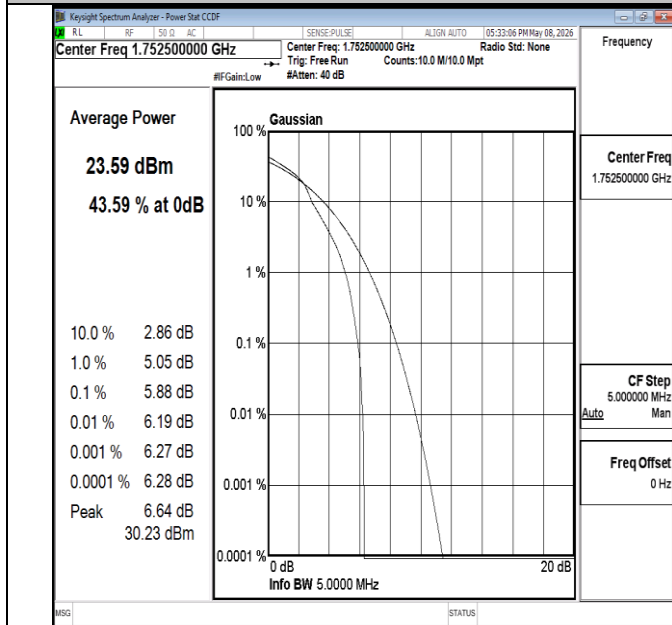
Band4-5MHz-16QAM-20175-25RB#0-PASS



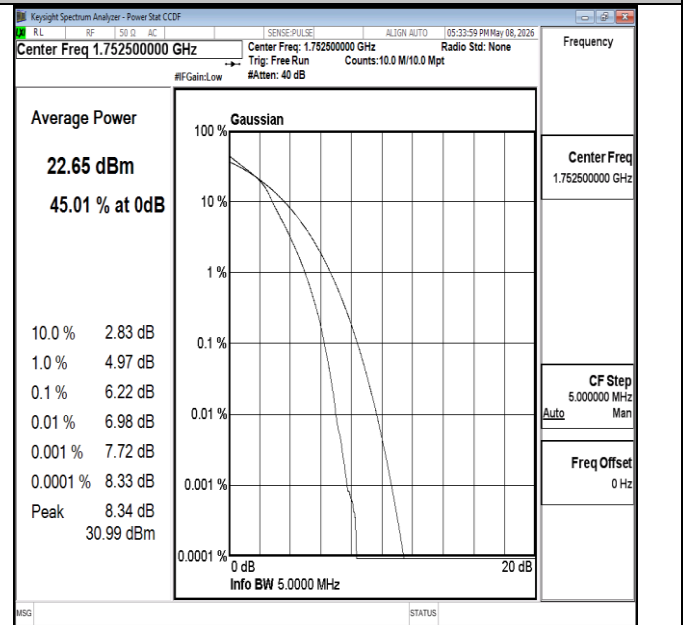
Band4-5MHz-QPSK-20375-1RB#0-PASS



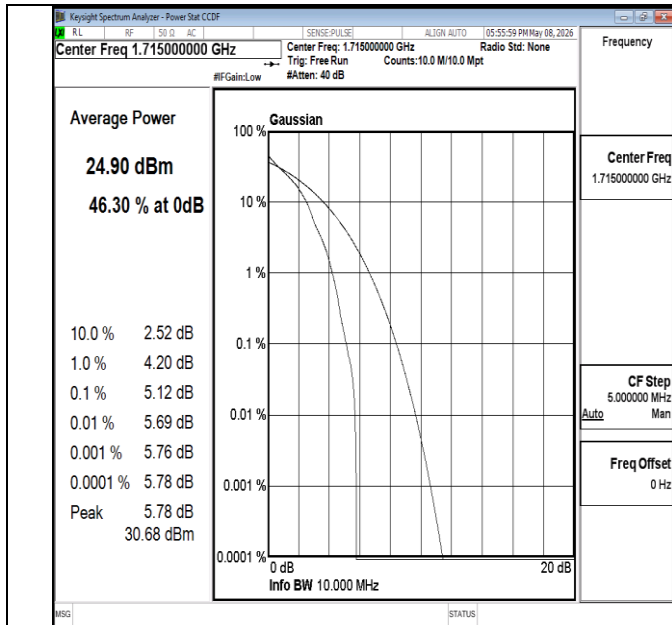
Band4-5MHz-QPSK-20375-25RB#0-PASS



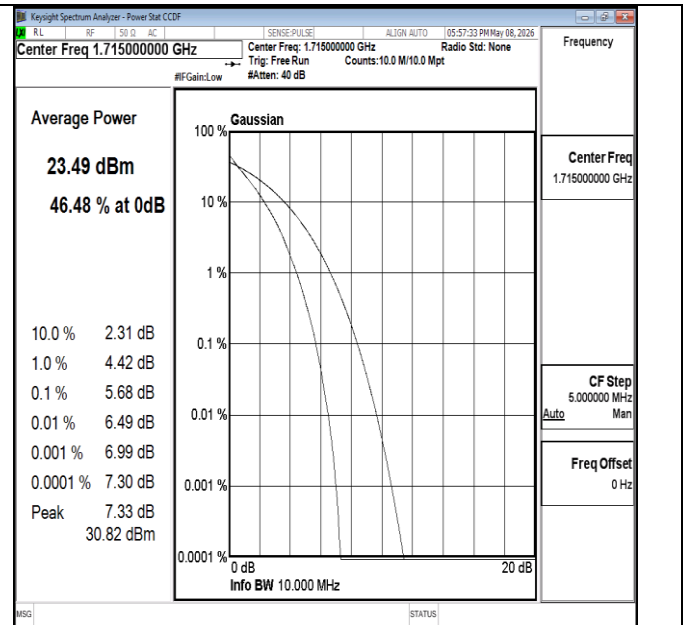
Band4-5MHz-16QAM-20375-1RB#0-PASS



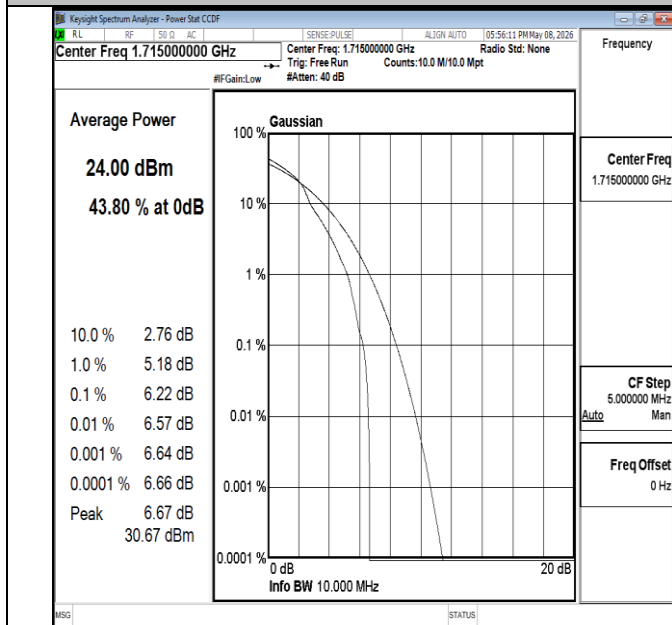
Band4-5MHz-16QAM-20375-25RB#0-PASS



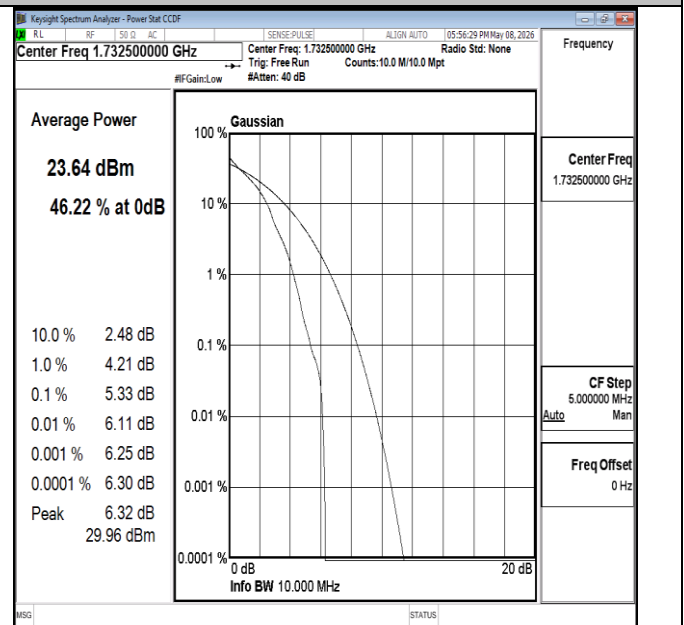
Band4-10MHz-QPSK-20000-1RB#0-PASS



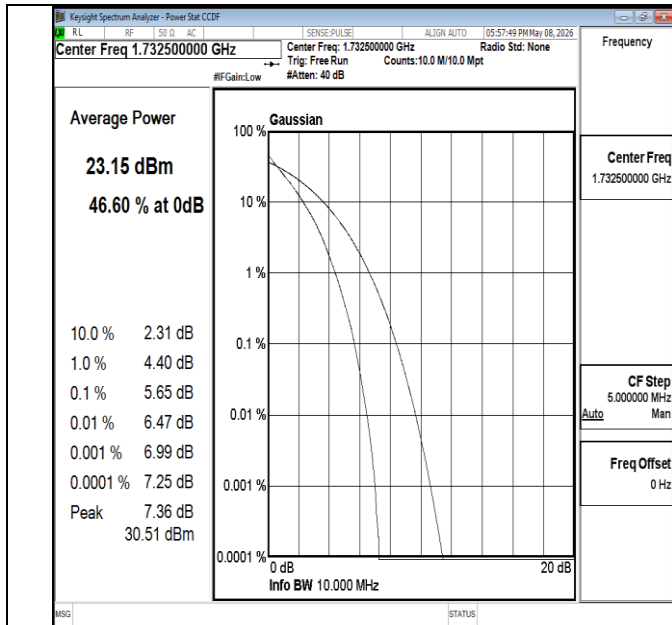
Band4-10MHz-QPSK-20000-50RB#0-PASS



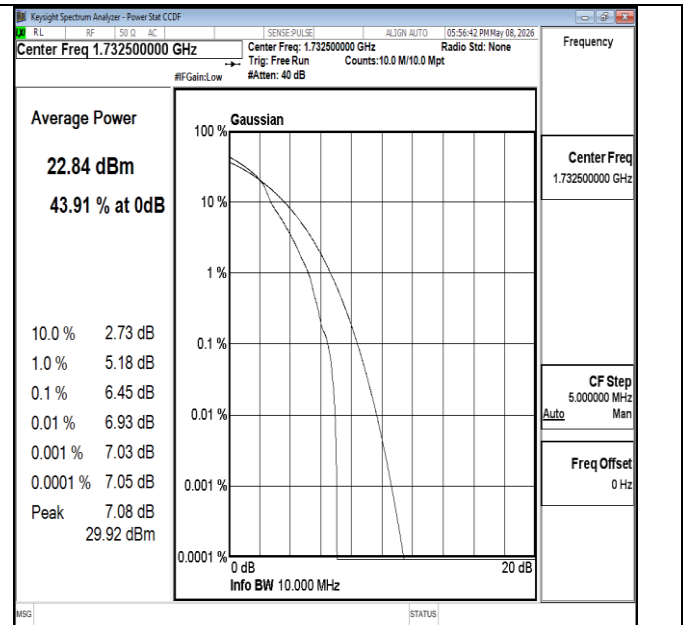
Band4-10MHz-16QAM-20000-1RB#0-PASS



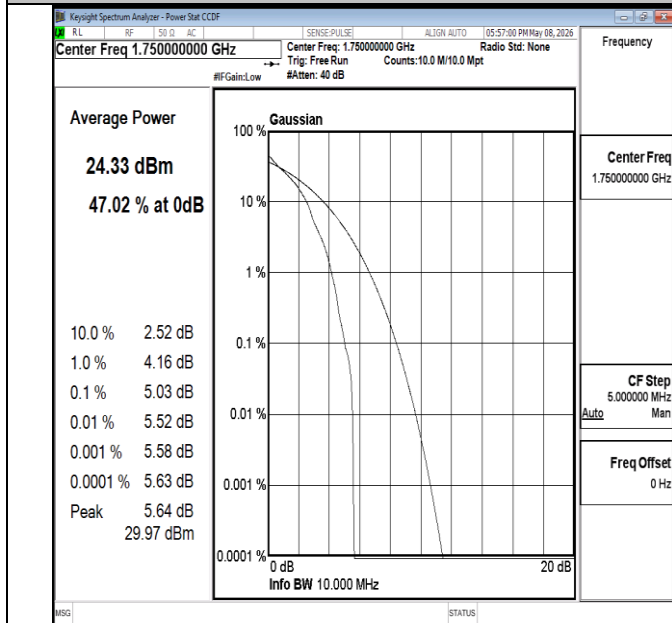
Band4-10MHz-QPSK-20175-1RB#0-PASS



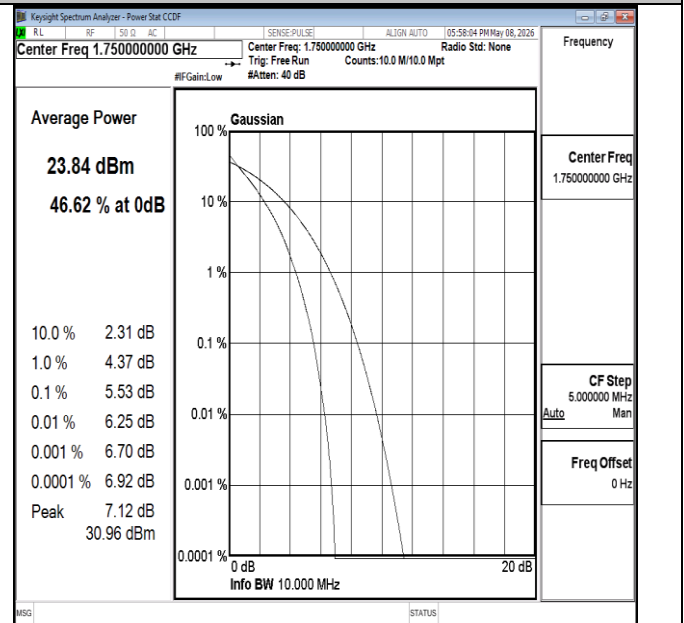
Band4-10MHz-QPSK-20175-50RB#0-PASS



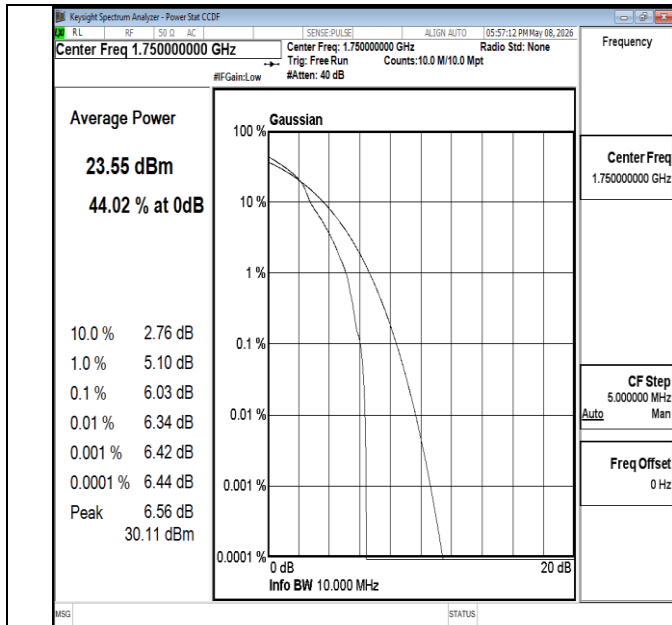
Band4-10MHz-16QAM-20175-1RB#0-PASS



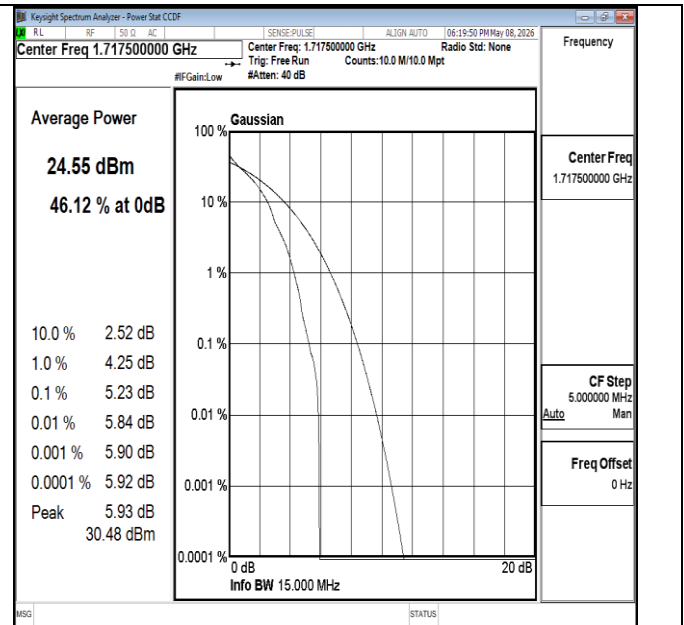
Band4-10MHz-QPSK-20350-1RB#0-PASS



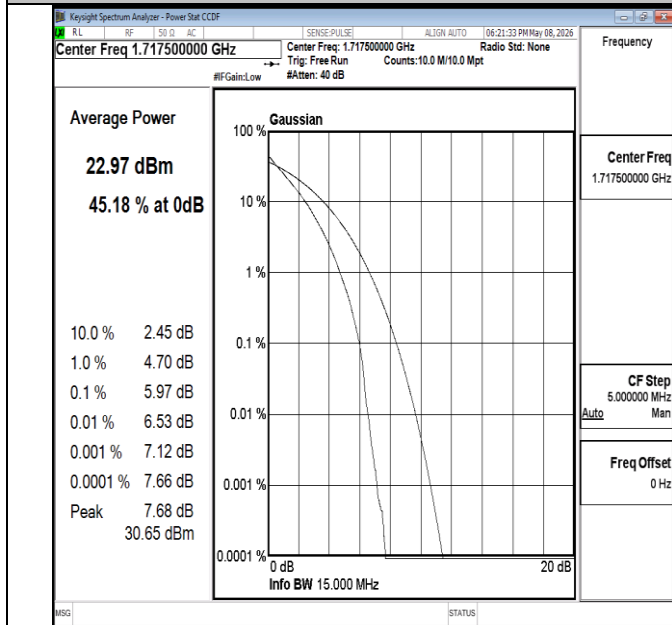
Band4-10MHz-QPSK-20350-50RB#0-PASS



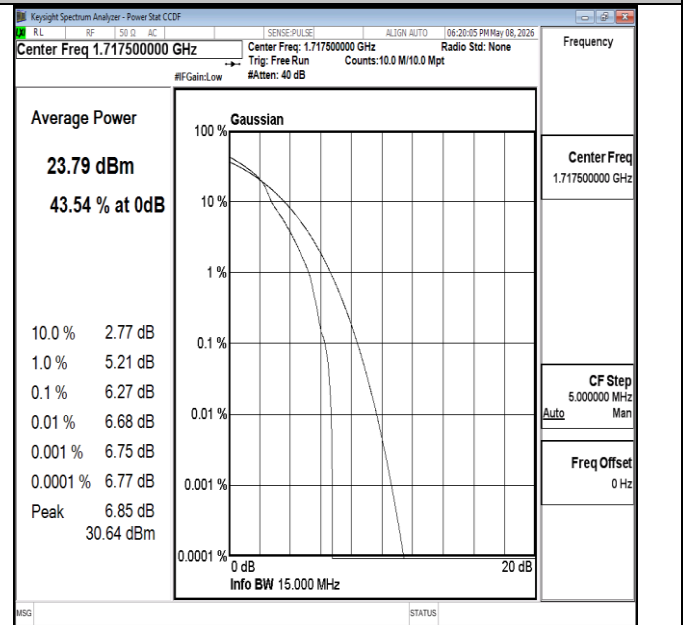
Band4-10MHz-16QAM-20350-1RB#0-PASS



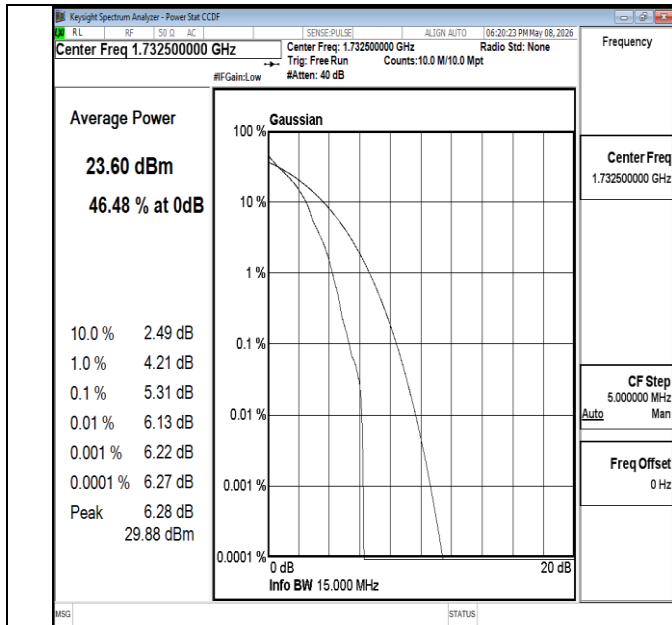
Band4-15MHz-QPSK-20025-1RB#0-PASS



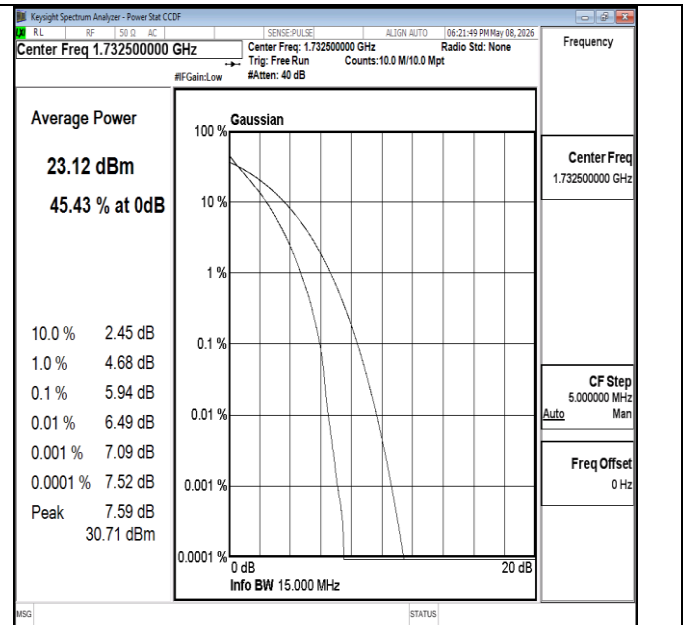
Band4-15MHz-QPSK-20025-75RB#0-PASS



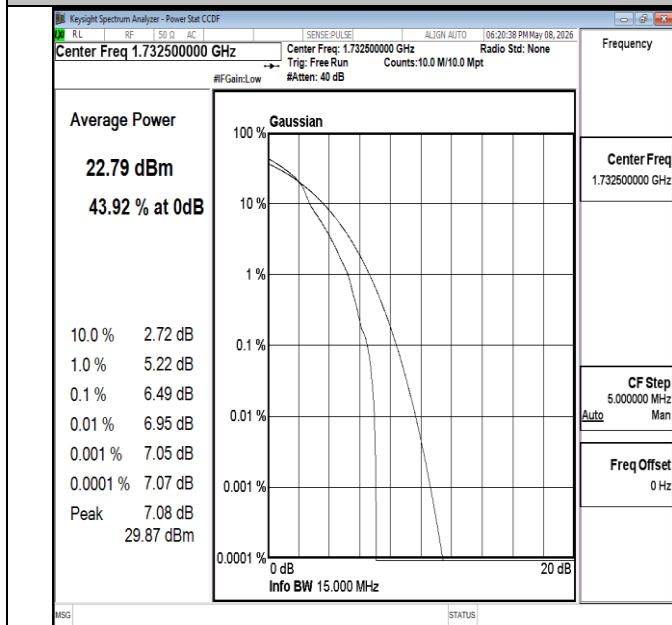
Band4-15MHz-16QAM-20025-1RB#0-PASS



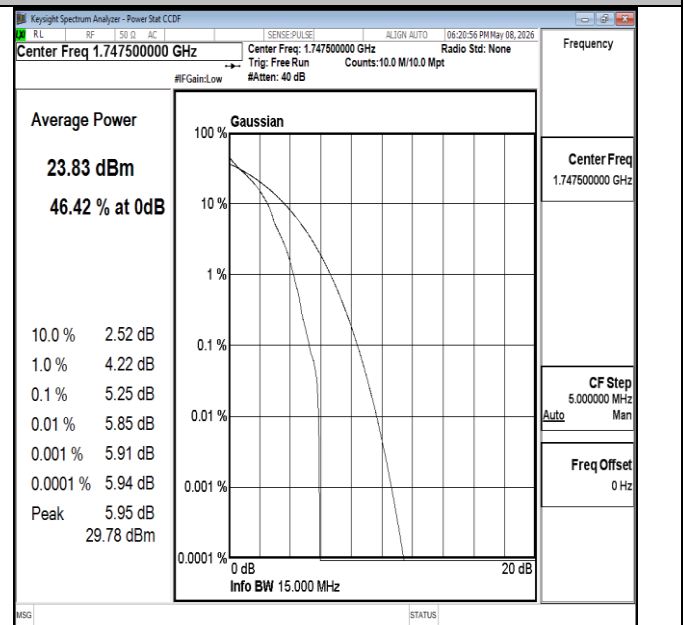
Band4-15MHz-QPSK-20175-1RB#0-PASS



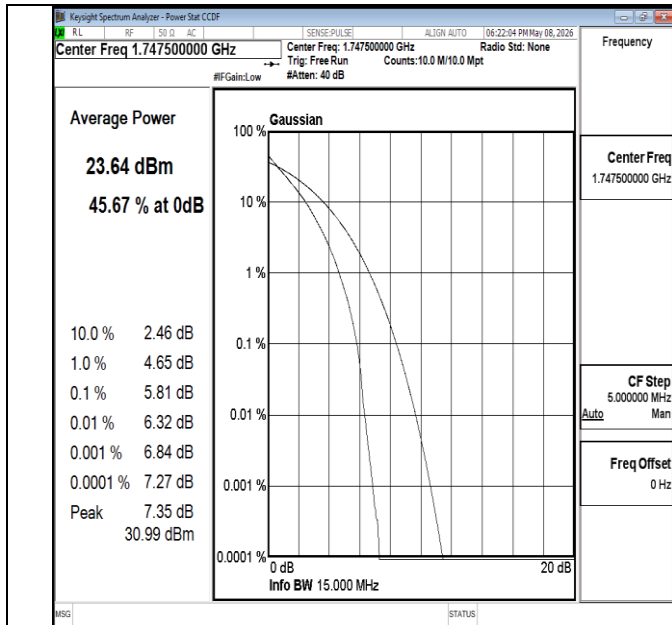
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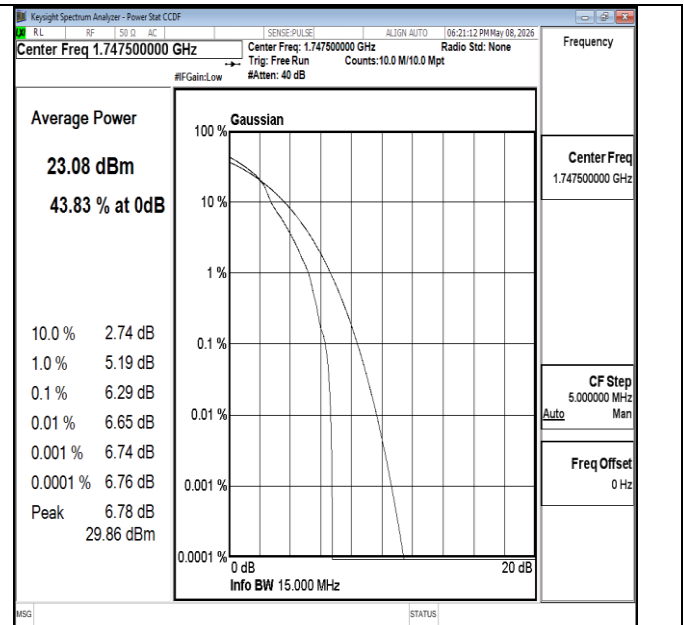
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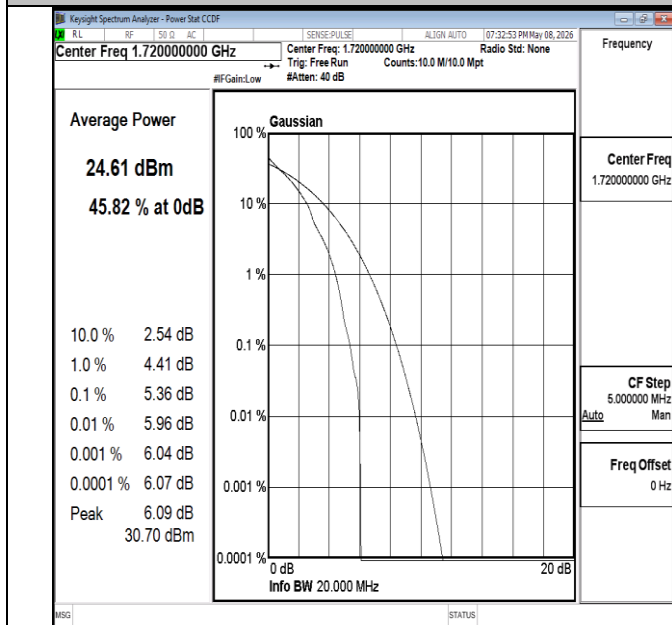
Band4-15MHz-QPSK-20325-1RB#0-PASS



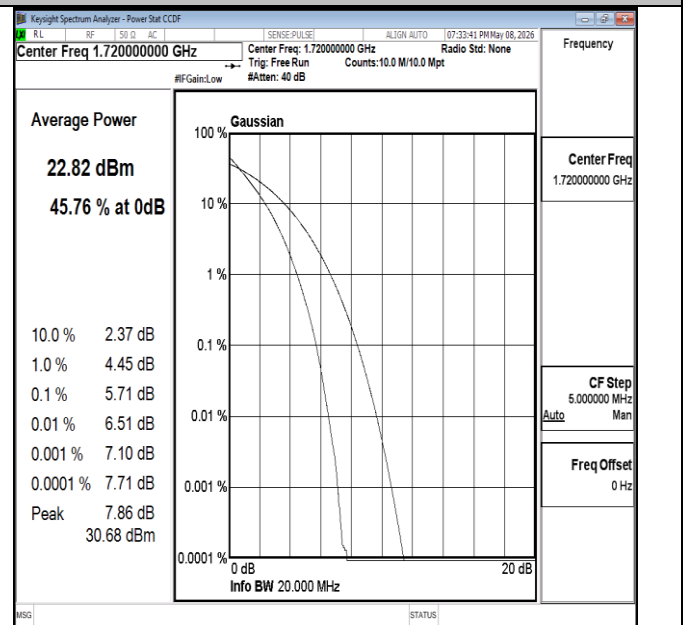
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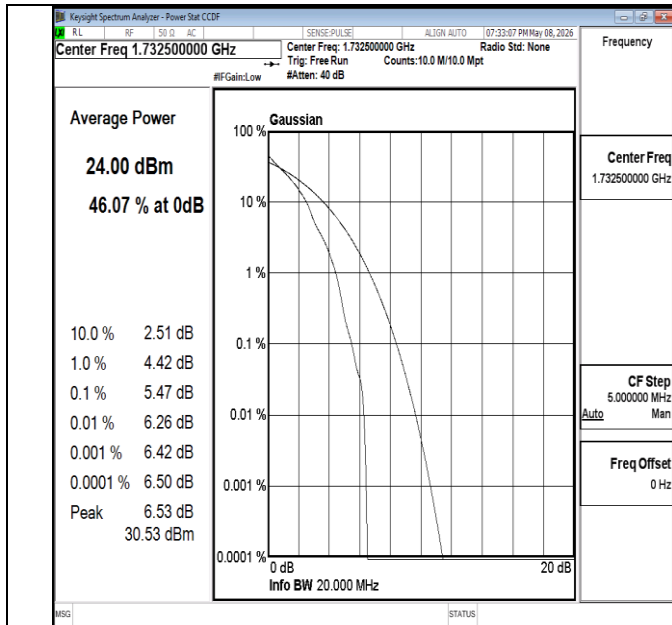
Band4-15MHz-16QAM-20325-1RB#0-PASS



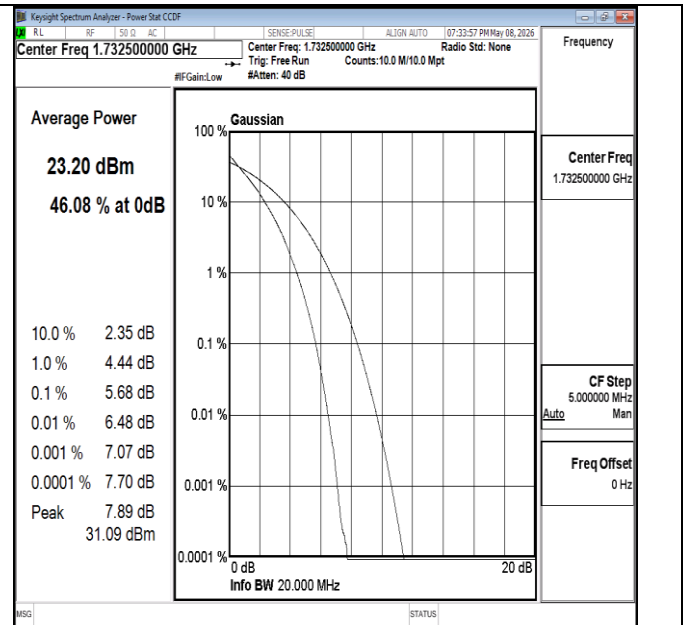
Band4-20MHz-QPSK-20050-1RB#0-PASS



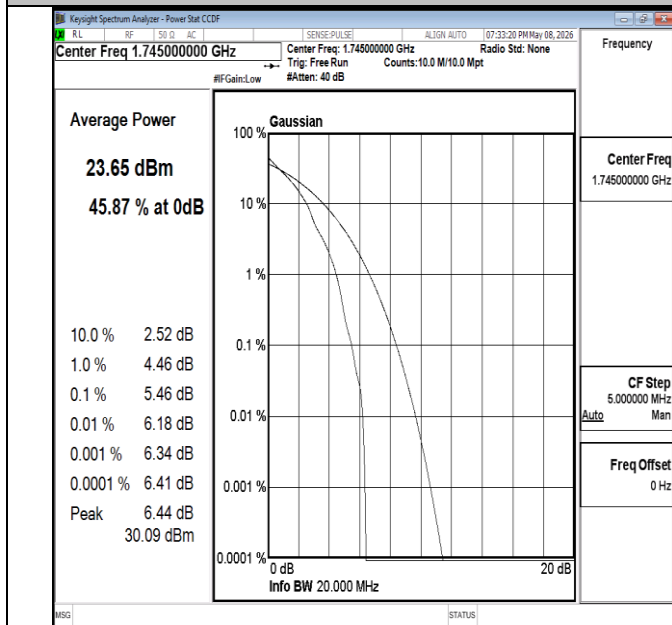
Band4-20MHz-QPSK-20050-100RB#0-PASS



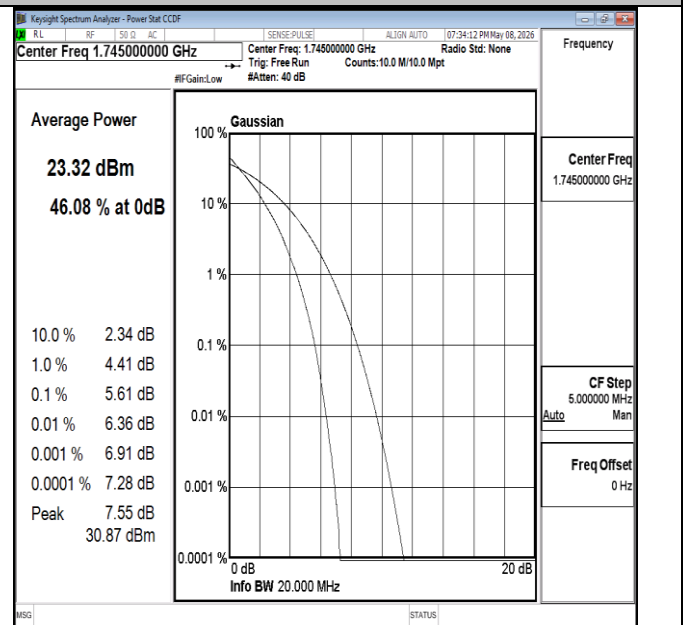
Band4-20MHz-QPSK-20175-1RB#0-PASS



Band4-20MHz-QPSK-20175-100RB#0-PASS



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



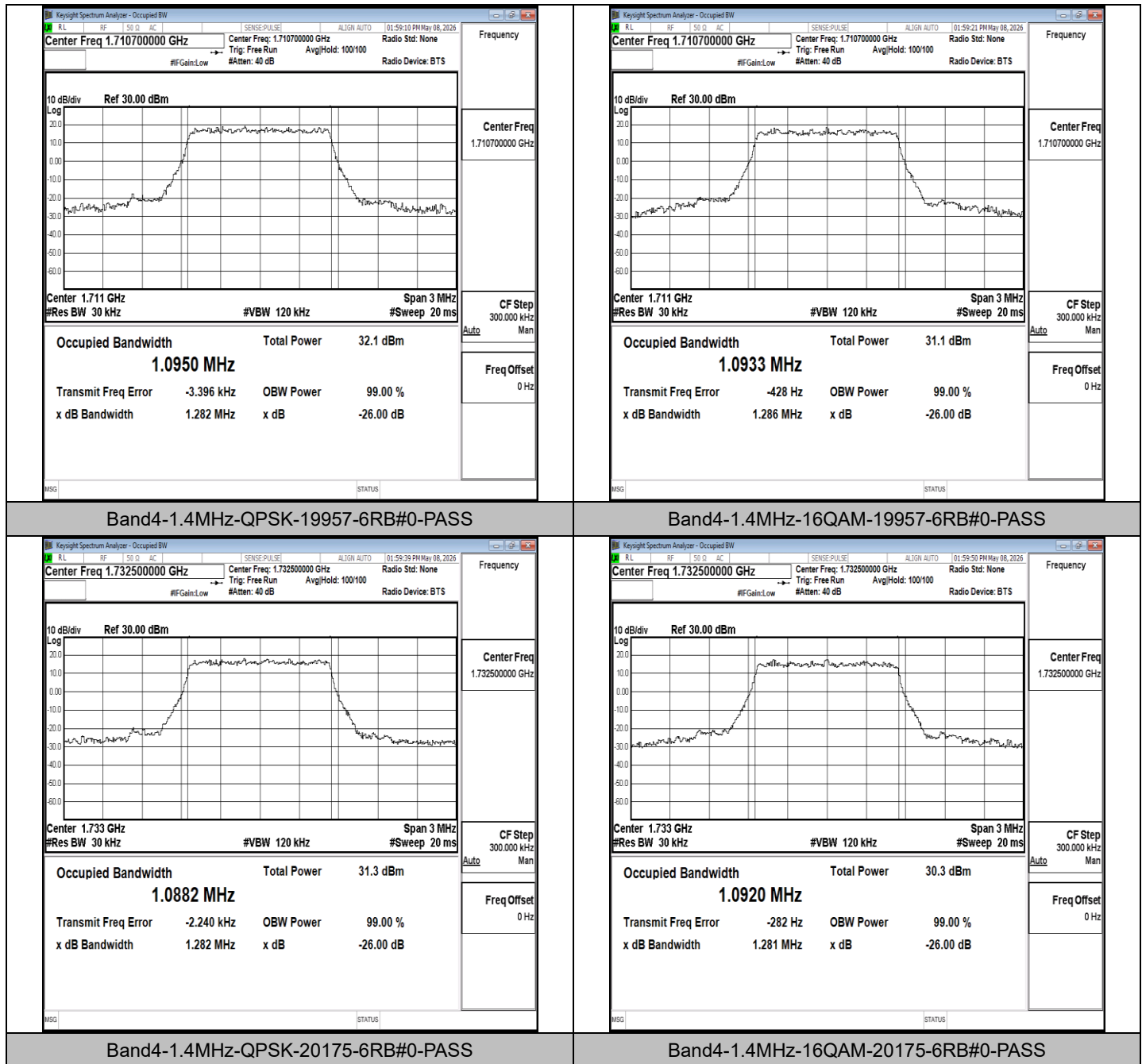
Band4-20MHz-QPSK-20300-100RB#0-PASS

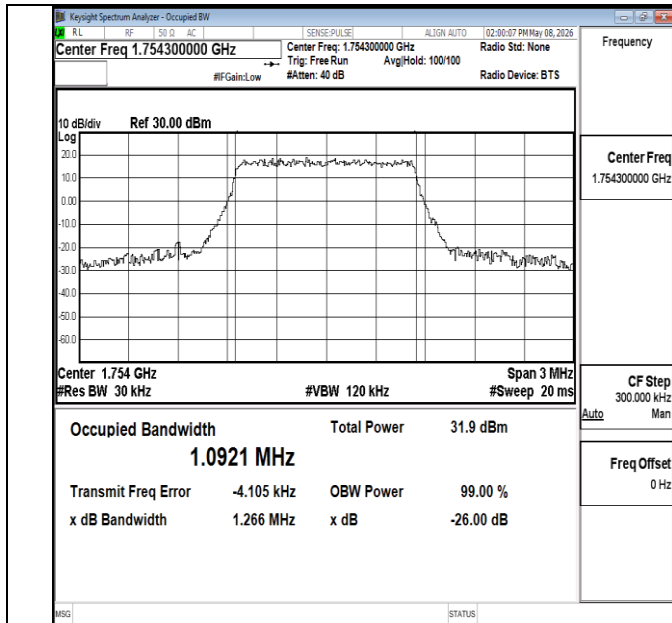
C.3 26dB Bandwidth and Occupied Bandwidth

Test Result

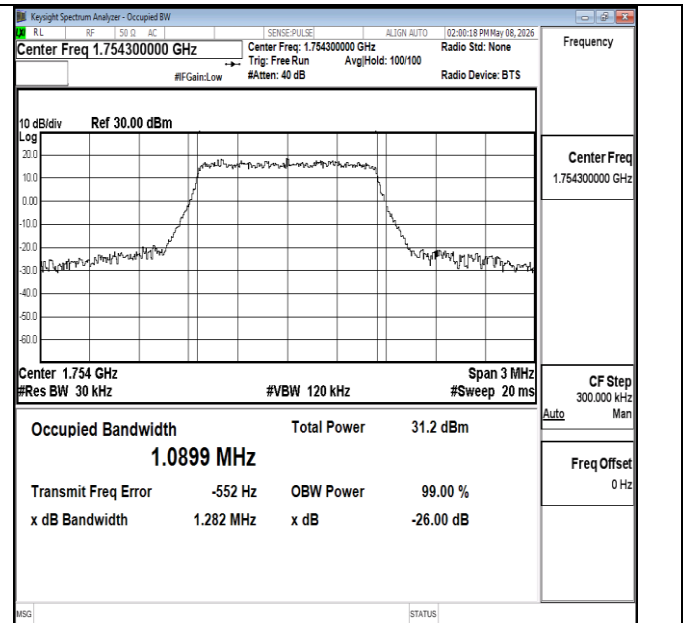
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0950	1.282	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0933	1.286	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0882	1.282	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0920	1.281	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0921	1.266	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0899	1.282	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6980	2.953	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6897	2.945	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6949	2.942	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6876	2.953	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6990	2.945	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6931	2.943	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5049	4.995	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4996	4.991	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5063	5.036	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4963	5.003	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5019	5.000	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4933	4.936	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9948	10.25	PASS
Band4	10MHz	16QAM	20000	27RB#0	5.0117	6.132	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9974	10.22	PASS
Band4	10MHz	16QAM	20175	27RB#0	5.0047	6.207	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9813	10.17	PASS
Band4	10MHz	16QAM	20350	27RB#0	5.0087	6.070	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.511	15.31	PASS
Band4	15MHz	16QAM	20025	27RB#0	5.1655	6.774	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.504	15.34	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.1900	6.810	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.512	15.31	PASS
Band4	15MHz	16QAM	20325	27RB#0	5.1634	6.752	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.967	20.19	PASS
Band4	20MHz	16QAM	20050	27RB#0	5.4011	7.178	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.022	20.07	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.3625	7.188	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.945	20.04	PASS
Band4	20MHz	16QAM	20300	27RB#0	5.4022	7.078	PASS

Test Graphs

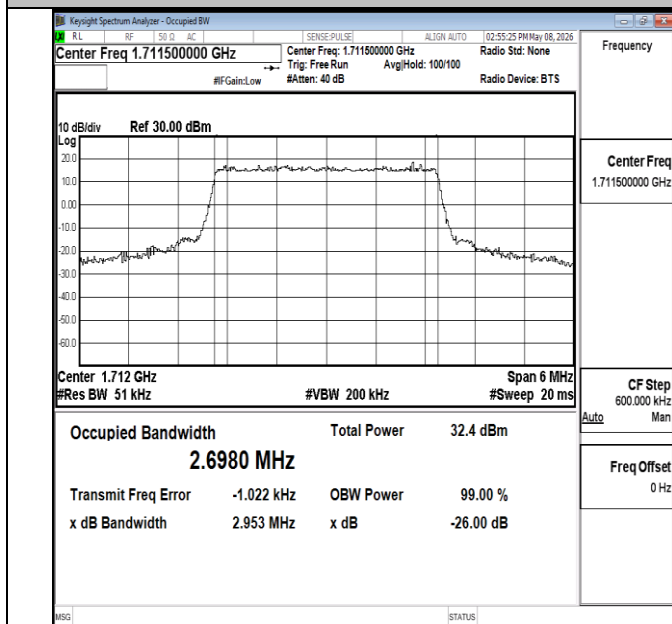




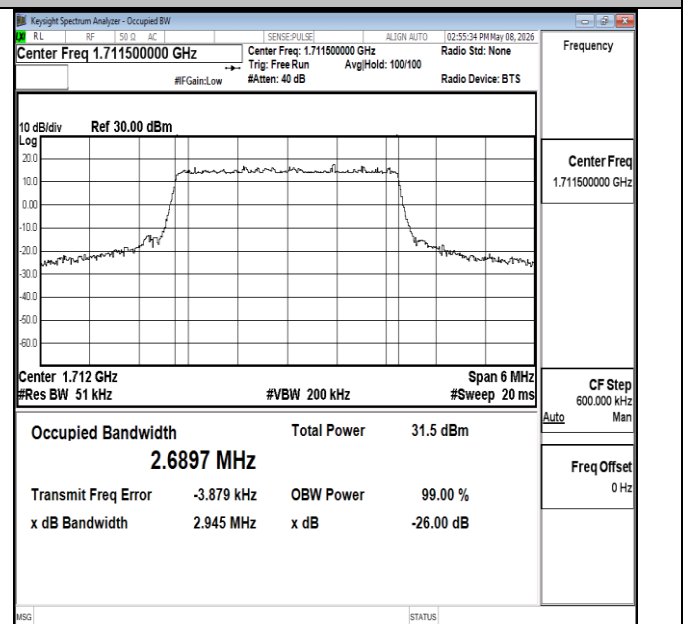
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



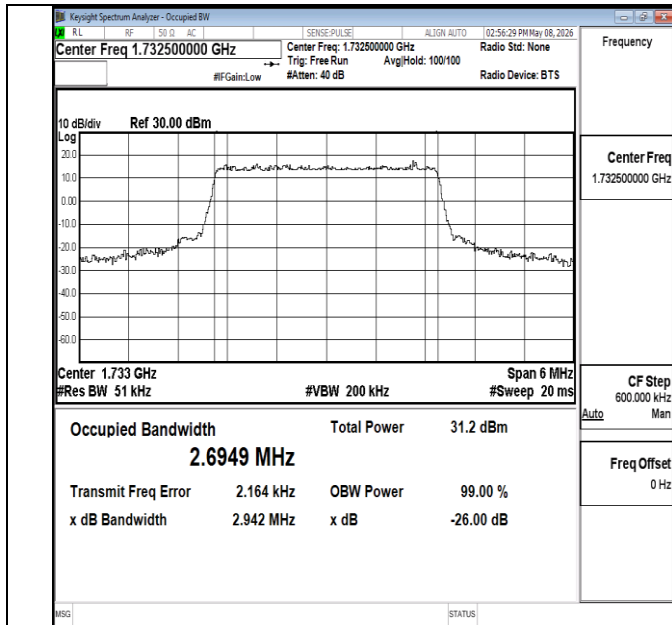
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



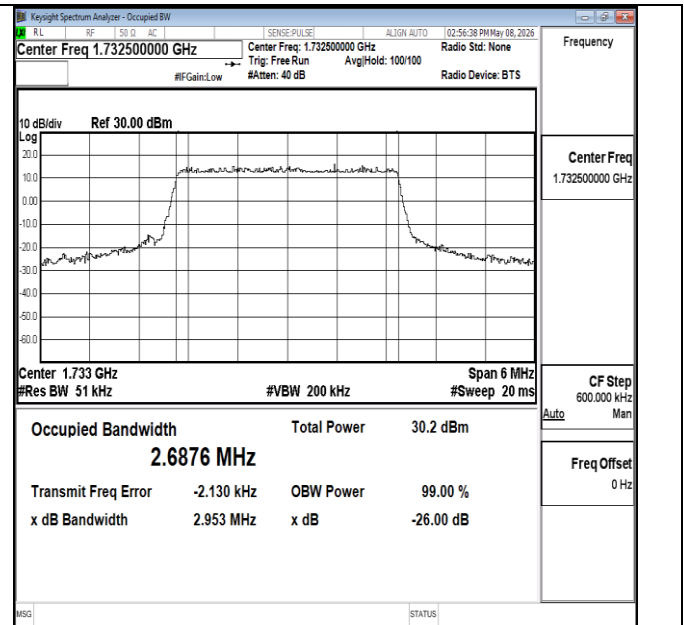
Band4-3MHz-QPSK-19965-15RB#0-PASS



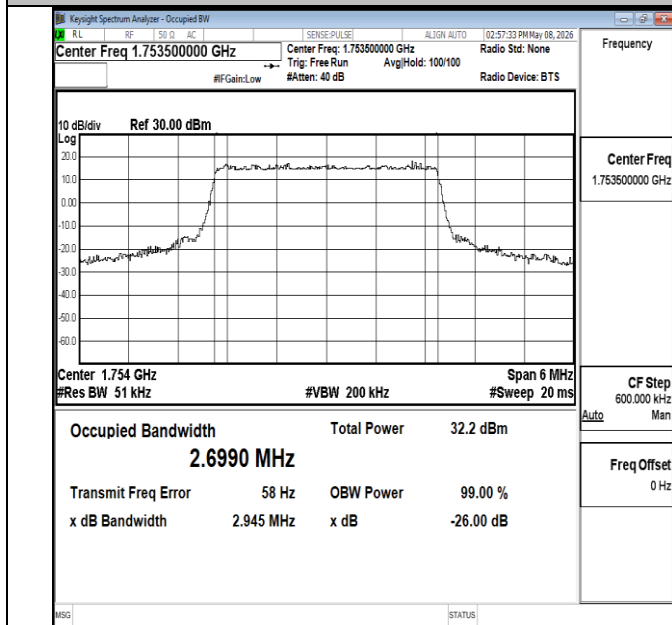
Band4-3MHz-16QAM-19965-15RB#0-PASS



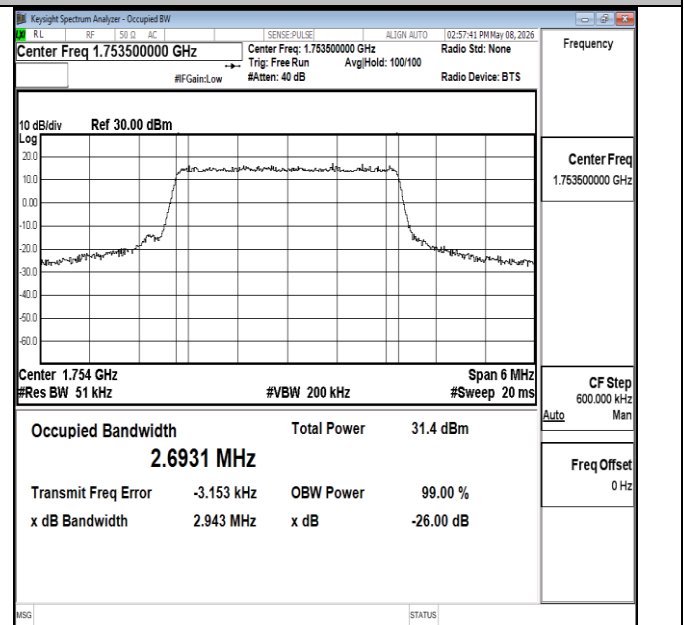
Band4-3MHz-QPSK-20175-15RB#0-PASS



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



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



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