Appendix C: Test Data for E-UTRA Band 4

Product Name: NEO4G

Test Model: NEO4G

Environmental Conditions

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

C.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Tune UP
Band4	1.4MHz	QPSK	19957	1RB#0	22.44	23.00
Band4	1.4MHz	16QAM	19957	1RB#0	22.49	23.00
Band4	1.4MHz	64QAM	19957	1RB#0	22.46	23.00
Band4	1.4MHz	QPSK	19957	1RB#2	22.43	23.00
Band4	1.4MHz	16QAM	19957	1RB#2	22.42	23.00
Band4	1.4MHz	64QAM	19957	1RB#2	22.50	23.00
Band4	1.4MHz	QPSK	19957	1RB#5	22.48	23.00
Band4	1.4MHz	16QAM	19957	1RB#5	22.47	23.00
Band4	1.4MHz	64QAM	19957	1RB#5	22.47	23.00
Band4	1.4MHz	QPSK	19957	3RB#0	22.46	23.00
Band4	1.4MHz	16QAM	19957	3RB#0	22.45	23.00
Band4	1.4MHz	64QAM	19957	3RB#0	22.44	23.00
Band4	1.4MHz	QPSK	19957	3RB#1	22.44	23.00
Band4	1.4MHz	16QAM	19957	3RB#1	22.44	23.00
Band4	1.4MHz	64QAM	19957	3RB#1	22.43	23.00
Band4	1.4MHz	QPSK	19957	3RB#3	22.42	23.00
Band4	1.4MHz	16QAM	19957	3RB#3	22.42	23.00
Band4	1.4MHz	64QAM	19957	3RB#3	22.42	23.00
Band4	1.4MHz	QPSK	19957	6RB#0	22.41	23.00
Band4	1.4MHz	16QAM	19957	6RB#0	22.44	23.00
Band4	1.4MHz	64QAM	19957	6RB#0	22.41	23.00
Band4	1.4MHz	QPSK	20175	1RB#0	22.48	23.00
Band4	1.4MHz	16QAM	20175	1RB#0	22.56	23.00
Band4	1.4MHz	64QAM	20175	1RB#0	22.44	23.00
Band4	1.4MHz	QPSK	20175	1RB#2	22.36	23.00
Band4	1.4MHz	16QAM	20175	1RB#2	22.62	23.00
Band4	1.4MHz	64QAM	20175	1RB#2	22.45	23.00
Band4	1.4MHz	QPSK	20175	1RB#5	22.40	23.00
Band4	1.4MHz	16QAM	20175	1RB#5	22.55	23.00
Band4	1.4MHz	64QAM	20175	1RB#5	22.43	23.00
Band4	1.4MHz	QPSK	20175	3RB#0	22.54	23.00
Band4	1.4MHz	16QAM	20175	3RB#0	21.24	22.00
Band4	1.4MHz	64QAM	20175	3RB#0	22.55	23.00
Band4	1.4MHz	QPSK	20175	3RB#1	22.54	23.00
Band4	1.4MHz	16QAM	20175	3RB#1	21.24	22.00

Band4	1.4MHz	64QAM	20175	3RB#1	22.54	23.00
Band4	1.4MHz	QPSK	20175	3RB#3	22.56	23.00
Band4	1.4MHz	16QAM	20175	3RB#3	21.27	22.00
Band4	1.4MHz	64QAM	20175	3RB#3	22.57	23.00
Band4	1.4MHz	QPSK	20175	6RB#0	21.44	22.00
Band4	1.4MHz	16QAM	20175	6RB#0	20.78	21.00
Band4	1.4MHz	64QAM	20175	6RB#0	21.46	22.00
Band4	1.4MHz	QPSK	20393	1RB#0	22.63	23.00
Band4	1.4MHz	16QAM	20393	1RB#0	22.91	23.00
Band4	1.4MHz	64QAM	20393	1RB#0	22.63	23.00
Band4	1.4MHz	QPSK	20393	1RB#2	22.60	23.00
Band4	1.4MHz	16QAM	20393	1RB#2	22.99	23.00
Band4	1.4MHz	64QAM	20393	1RB#2	22.61	23.00
Band4	1.4MHz	QPSK	20393	1RB#5	22.58	23.00
Band4	1.4MHz	16QAM	20393	1RB#5	22.92	23.00
Band4	1.4MHz	64QAM	20393	1RB#5	22.57	23.00
Band4	1.4MHz	QPSK	20393	3RB#0	22.56	23.00
Band4	1.4MHz	16QAM	20393	3RB#0	21.62	22.00
Band4	1.4MHz	64QAM	20393	3RB#0	22.56	23.00
Band4	1.4MHz	QPSK	20393	3RB#1	22.55	23.00
Band4	1.4MHz	16QAM	20393	3RB#1	21.61	22.00
Band4	1.4MHz	64QAM	20393	3RB#1	22.55	23.00
Band4	1.4MHz	QPSK	20393	3RB#3	22.49	23.00
Band4	1.4MHz	16QAM	20393	3RB#3	21.65	22.00
Band4	1.4MHz	64QAM	20393	3RB#3	22.50	23.00
Band4	1.4MHz	QPSK	20393	6RB#0	21.60	22.00
Band4	1.4MHz	16QAM	20393	6RB#0	20.78	21.00
Band4	1.4MHz	64QAM	20393	6RB#0	21.50	22.00
Band4	3MHz	QPSK	19965	1RB#0	22.53	23.00
Band4	3MHz	16QAM	19965	1RB#0	21.62	22.00
Band4	3MHz	64QAM	19965	1RB#0	22.49	23.00
Band4	3MHz	QPSK	19965	1RB#8	22.51	23.00
Band4	3MHz	16QAM	19965	1RB#8	21.59	22.00
Band4	3MHz	64QAM	19965	1RB#8	22.49	23.00
Band4	3MHz	QPSK	19965	1RB#14	22.40	23.00
Band4	3MHz	16QAM	19965	1RB#14	21.54	22.00
Band4	3MHz	64QAM	19965	1RB#14	22.38	23.00
Band4	3MHz	QPSK	19965	8RB#0	21.57	22.00
Band4	3MHz	16QAM	19965	8RB#0	20.78	21.00
Band4	3MHz	64QAM	19965	8RB#0	21.59	22.00

Band4	3MHz	QPSK	19965	8RB#4	21.58	22.00
Band4	3MHz	16QAM	19965	8RB#4	20.79	21.00
Band4	3MHz	64QAM	19965	8RB#4	21.59	22.00
Band4	3MHz	QPSK	19965	8RB#7	21.58	22.00
Band4	3MHz	16QAM	19965	8RB#7	20.80	21.00
Band4	3MHz	64QAM	19965	8RB#7	21.59	22.00
Band4	3MHz	QPSK	19965	15RB#0	21.58	22.00
Band4	3MHz	16QAM	19965	15RB#0	20.68	21.00
Band4	3MHz	64QAM	19965	15RB#0	21.59	22.00
Band4	3MHz	QPSK	20175	1RB#0	22.49	23.00
Band4	3MHz	16QAM	20175	1RB#0	21.37	22.00
Band4	3MHz	64QAM	20175	1RB#0	22.45	23.00
Band4	3MHz	QPSK	20175	1RB#8	22.50	23.00
Band4	3MHz	16QAM	20175	1RB#8	21.33	22.00
Band4	3MHz	64QAM	20175	1RB#8	22.51	23.00
Band4	3MHz	QPSK	20175	1RB#14	22.59	23.00
Band4	3MHz	16QAM	20175	1RB#14	21.37	22.00
Band4	3MHz	64QAM	20175	1RB#14	22.44	23.00
Band4	3MHz	QPSK	20175	8RB#0	21.41	22.00
Band4	3MHz	16QAM	20175	8RB#0	20.73	21.00
Band4	3MHz	64QAM	20175	8RB#0	21.42	22.00
Band4	3MHz	QPSK	20175	8RB#4	21.42	22.00
Band4	3MHz	16QAM	20175	8RB#4	20.74	21.00
Band4	3MHz	64QAM	20175	8RB#4	21.43	22.00
Band4	3MHz	QPSK	20175	8RB#7	21.50	22.00
Band4	3MHz	16QAM	20175	8RB#7	20.74	21.00
Band4	3MHz	64QAM	20175	8RB#7	21.51	22.00
Band4	3MHz	QPSK	20175	15RB#0	21.48	22.00
Band4	3MHz	16QAM	20175	15RB#0	20.49	21.00
Band4	3MHz	64QAM	20175	15RB#0	21.48	22.00
Band4	3MHz	QPSK	20385	1RB#0	22.43	23.00
Band4	3MHz	16QAM	20385	1RB#0	21.86	22.00
Band4	3MHz	64QAM	20385	1RB#0	22.47	23.00
Band4	3MHz	QPSK	20385	1RB#8	22.45	23.00
Band4	3MHz	16QAM	20385	1RB#8	21.88	22.00
Band4	3MHz	64QAM	20385	1RB#8	22.50	23.00
Band4	3MHz	QPSK	20385	1RB#14	22.39	23.00
Band4	3MHz	16QAM	20385	1RB#14	21.73	22.00
Band4	3MHz	64QAM	20385	1RB#14	22.38	23.00
Band4	3MHz	QPSK	20385	8RB#0	21.57	22.00

Band4	3MHz	16QAM	20385	8RB#0	20.86	21.00
Band4	3MHz	64QAM	20385	8RB#0	21.59	22.00
Band4	3MHz	QPSK	20385	8RB#4	21.58	22.00
Band4	3MHz	16QAM	20385	8RB#4	20.84	21.00
Band4	3MHz	64QAM	20385	8RB#4	21.60	22.00
Band4	3MHz	QPSK	20385	8RB#7	21.51	22.00
Band4	3MHz	16QAM	20385	8RB#7	20.79	21.00
Band4	3MHz	64QAM	20385	8RB#7	21.52	22.00
Band4	3MHz	QPSK	20385	15RB#0	21.54	22.00
Band4	3MHz	16QAM	20385	15RB#0	20.87	21.00
Band4	3MHz	64QAM	20385	15RB#0	21.55	22.00
Band4	5MHz	QPSK	19975	1RB#0	22.67	23.00
Band4	5MHz	16QAM	19975	1RB#0	20.99	21.00
Band4	5MHz	64QAM	19975	1RB#0	22.67	23.00
Band4	5MHz	QPSK	19975	1RB#12	22.61	23.00
Band4	5MHz	16QAM	19975	1RB#12	20.85	21.00
Band4	5MHz	64QAM	19975	1RB#12	22.59	23.00
Band4	5MHz	QPSK	19975	1RB#24	22.61	23.00
Band4	5MHz	16QAM	19975	1RB#24	20.81	21.00
Band4	5MHz	64QAM	19975	1RB#24	22.52	23.00
Band4	5MHz	QPSK	19975	12RB#0	21.61	22.00
Band4	5MHz	16QAM	19975	12RB#0	20.68	21.00
Band4	5MHz	64QAM	19975	12RB#0	21.63	22.00
Band4	5MHz	QPSK	19975	12RB#6	21.62	22.00
Band4	5MHz	16QAM	19975	12RB#6	20.68	21.00
Band4	5MHz	64QAM	19975	12RB#6	21.63	22.00
Band4	5MHz	QPSK	19975	12RB#13	21.55	22.00
Band4	5MHz	16QAM	19975	12RB#13	20.54	21.00
Band4	5MHz	64QAM	19975	12RB#13	21.57	22.00
Band4	5MHz	QPSK	19975	25RB#0	21.59	22.00
Band4	5MHz	16QAM	19975	25RB#0	20.69	21.00
Band4	5MHz	64QAM	19975	25RB#0	21.61	22.00
Band4	5MHz	QPSK	20175	1RB#0	22.50	23.00
Band4	5MHz	16QAM	20175	1RB#0	21.21	22.00
Band4	5MHz	64QAM	20175	1RB#0	22.60	23.00
Band4	5MHz	QPSK	20175	1RB#12	22.50	23.00
Band4	5MHz	16QAM	20175	1RB#12	21.30	22.00
Band4	5MHz	64QAM	20175	1RB#12	22.54	23.00
Band4	5MHz	QPSK	20175	1RB#24	22.60	23.00
Band4	5MHz	16QAM	20175	1RB#24	21.29	22.00

Band4	5MHz	64QAM	20175	1RB#24	22.61	23.00
Band4	5MHz	QPSK	20175	12RB#0	21.50	22.00
Band4	5MHz	16QAM	20175	12RB#0	20.53	21.00
Band4	5MHz	64QAM	20175	12RB#0	21.51	22.00
Band4	5MHz	QPSK	20175	12RB#6	21.50	22.00
Band4	5MHz	16QAM	20175	12RB#6	20.53	21.00
Band4	5MHz	64QAM	20175	12RB#6	21.51	22.00
Band4	5MHz	QPSK	20175	12RB#13	21.52	22.00
Band4	5MHz	16QAM	20175	12RB#13	20.56	21.00
Band4	5MHz	64QAM	20175	12RB#13	21.53	22.00
Band4	5MHz	QPSK	20175	25RB#0	21.47	22.00
Band4	5MHz	16QAM	20175	25RB#0	20.43	21.00
Band4	5MHz	64QAM	20175	25RB#0	21.48	22.00
Band4	5MHz	QPSK	20375	1RB#0	22.73	23.00
Band4	5MHz	16QAM	20375	1RB#0	21.33	22.00
Band4	5MHz	64QAM	20375	1RB#0	22.76	23.00
Band4	5MHz	QPSK	20375	1RB#12	22.75	23.00
Band4	5MHz	16QAM	20375	1RB#12	21.35	22.00
Band4	5MHz	64QAM	20375	1RB#12	22.72	23.00
Band4	5MHz	QPSK	20375	1RB#24	22.72	23.00
Band4	5MHz	16QAM	20375	1RB#24	21.25	22.00
Band4	5MHz	64QAM	20375	1RB#24	22.72	23.00
Band4	5MHz	QPSK	20375	12RB#0	21.67	22.00
Band4	5MHz	16QAM	20375	12RB#0	20.70	21.00
Band4	5MHz	64QAM	20375	12RB#0	21.69	22.00
Band4	5MHz	QPSK	20375	12RB#6	21.68	22.00
Band4	5MHz	16QAM	20375	12RB#6	20.70	21.00
Band4	5MHz	64QAM	20375	12RB#6	21.70	22.00
Band4	5MHz	QPSK	20375	12RB#13	21.54	22.00
Band4	5MHz	16QAM	20375	12RB#13	20.73	21.00
Band4	5MHz	64QAM	20375	12RB#13	21.66	22.00
Band4	5MHz	QPSK	20375	25RB#0	21.63	22.00
Band4	5MHz	16QAM	20375	25RB#0	20.76	21.00
Band4	5MHz	64QAM	20375	25RB#0	21.64	22.00
Band4	10MHz	QPSK	20000	1RB#0	22.57	23.00
Band4	10MHz	16QAM	20000	1RB#0	21.43	22.00
Band4	10MHz	64QAM	20000	1RB#0	22.57	23.00
Band4	10MHz	QPSK	20000	1RB#24	22.40	23.00
Band4	10MHz	16QAM	20000	1RB#24	21.28	22.00
Band4	10MHz	64QAM	20000	1RB#24	22.40	23.00

Band4	10MHz	QPSK	20000	1RB#49	22.38	23.00
Band4	10MHz	16QAM	20000	1RB#49	21.14	22.00
Band4	10MHz	64QAM	20000	1RB#49	22.36	23.00
Band4	10MHz	QPSK	20000	25RB#0	21.52	22.00
Band4	10MHz	16QAM	20000	25RB#0	20.56	21.00
Band4	10MHz	64QAM	20000	25RB#0	21.55	22.00
Band4	10MHz	QPSK	20000	25RB#12	21.54	22.00
Band4	10MHz	16QAM	20000	25RB#12	20.56	21.00
Band4	10MHz	64QAM	20000	25RB#12	21.55	22.00
Band4	10MHz	QPSK	20000	25RB#25	21.48	22.00
Band4	10MHz	16QAM	20000	25RB#25	20.49	21.00
Band4	10MHz	64QAM	20000	25RB#25	21.49	22.00
Band4	10MHz	QPSK	20000	50RB#0	21.45	22.00
Band4	10MHz	16QAM	20000	50RB#0	20.61	21.00
Band4	10MHz	64QAM	20000	50RB#0	21.47	22.00
Band4	10MHz	QPSK	20175	1RB#0	22.45	23.00
Band4	10MHz	16QAM	20175	1RB#0	20.79	21.00
Band4	10MHz	64QAM	20175	1RB#0	22.48	23.00
Band4	10MHz	QPSK	20175	1RB#24	22.47	23.00
Band4	10MHz	16QAM	20175	1RB#24	20.86	21.00
Band4	10MHz	64QAM	20175	1RB#24	22.50	23.00
Band4	10MHz	QPSK	20175	1RB#49	22.51	23.00
Band4	10MHz	16QAM	20175	1RB#49	20.87	21.00
Band4	10MHz	64QAM	20175	1RB#49	22.51	23.00
Band4	10MHz	QPSK	20175	25RB#0	21.52	22.00
Band4	10MHz	16QAM	20175	25RB#0	20.59	21.00
Band4	10MHz	64QAM	20175	25RB#0	21.52	22.00
Band4	10MHz	QPSK	20175	25RB#12	21.52	22.00
Band4	10MHz	16QAM	20175	25RB#12	20.61	21.00
Band4	10MHz	64QAM	20175	25RB#12	21.53	22.00
Band4	10MHz	QPSK	20175	25RB#25	21.46	22.00
Band4	10MHz	16QAM	20175	25RB#25	20.68	21.00
Band4	10MHz	64QAM	20175	25RB#25	21.47	22.00
Band4	10MHz	QPSK	20175	50RB#0	21.55	22.00
Band4	10MHz	16QAM	20175	50RB#0	20.56	21.00
Band4	10MHz	64QAM	20175	50RB#0	21.56	22.00
Band4	10MHz	QPSK	20350	1RB#0	22.69	23.00
Band4	10MHz	16QAM	20350	1RB#0	21.83	22.00
Band4	10MHz	64QAM	20350	1RB#0	22.67	23.00
Band4	10MHz	QPSK	20350	1RB#24	22.63	23.00

Band4	10MHz	16QAM	20350	1RB#24	21.85	22.00
Band4	10MHz	64QAM	20350	1RB#24	22.63	23.00
Band4	10MHz	QPSK	20350	1RB#49	22.58	23.00
Band4	10MHz	16QAM	20350	1RB#49	21.83	22.00
Band4	10MHz	64QAM	20350	1RB#49	22.60	23.00
Band4	10MHz	QPSK	20350	25RB#0	21.67	22.00
Band4	10MHz	16QAM	20350	25RB#0	20.72	21.00
Band4	10MHz	64QAM	20350	25RB#0	21.58	22.00
Band4	10MHz	QPSK	20350	25RB#12	21.57	22.00
Band4	10MHz	16QAM	20350	25RB#12	20.72	21.00
Band4	10MHz	64QAM	20350	25RB#12	21.58	22.00
Band4	10MHz	QPSK	20350	25RB#25	21.53	22.00
Band4	10MHz	16QAM	20350	25RB#25	20.71	21.00
Band4	10MHz	64QAM	20350	25RB#25	21.54	22.00
Band4	10MHz	QPSK	20350	50RB#0	21.55	22.00
Band4	10MHz	16QAM	20350	50RB#0	20.69	21.00
Band4	10MHz	64QAM	20350	50RB#0	21.68	22.00
Band4	15MHz	QPSK	20025	1RB#0	22.49	23.00
Band4	15MHz	16QAM	20025	1RB#0	21.38	22.00
Band4	15MHz	64QAM	20025	1RB#0	22.53	23.00
Band4	15MHz	QPSK	20025	1RB#38	22.36	23.00
Band4	15MHz	16QAM	20025	1RB#38	21.18	22.00
Band4	15MHz	64QAM	20025	1RB#38	22.38	23.00
Band4	15MHz	QPSK	20025	1RB#74	22.36	23.00
Band4	15MHz	16QAM	20025	1RB#74	21.09	22.00
Band4	15MHz	64QAM	20025	1RB#74	22.35	23.00
Band4	15MHz	QPSK	20025	38RB#0	21.47	22.00
Band4	15MHz	16QAM	20025	38RB#0	21.48	22.00
Band4	15MHz	64QAM	20025	38RB#0	21.48	22.00
Band4	15MHz	QPSK	20025	38RB#18	21.48	22.00
Band4	15MHz	16QAM	20025	38RB#18	21.49	22.00
Band4	15MHz	64QAM	20025	38RB#18	21.48	22.00
Band4	15MHz	QPSK	20025	38RB#37	21.48	22.00
Band4	15MHz	16QAM	20025	38RB#37	21.48	22.00
Band4	15MHz	64QAM	20025	38RB#37	21.48	22.00
Band4	15MHz	QPSK	20025	75RB#0	21.48	22.00
Band4	15MHz	16QAM	20025	75RB#0	20.58	21.00
Band4	15MHz	64QAM	20025	75RB#0	21.50	22.00
Band4	15MHz	QPSK	20175	1RB#0	22.52	23.00
Band4	15MHz	16QAM	20175	1RB#0	21.44	22.00

Band4	15MHz	64QAM	20175	1RB#0	22.51	23.00
Band4	15MHz	QPSK	20175	1RB#38	22.60	23.00
Band4	15MHz	16QAM	20175	1RB#38	21.50	22.00
Band4	15MHz	64QAM	20175	1RB#38	22.61	23.00
Band4	15MHz	QPSK	20175	1RB#74	22.64	23.00
Band4	15MHz	16QAM	20175	1RB#74	21.57	22.00
Band4	15MHz	64QAM	20175	1RB#74	22.60	23.00
Band4	15MHz	QPSK	20175	38RB#0	21.47	22.00
Band4	15MHz	16QAM	20175	38RB#0	21.47	22.00
Band4	15MHz	64QAM	20175	38RB#0	21.48	22.00
Band4	15MHz	QPSK	20175	38RB#18	21.48	22.00
Band4	15MHz	16QAM	20175	38RB#18	21.48	22.00
Band4	15MHz	64QAM	20175	38RB#18	21.48	22.00
Band4	15MHz	QPSK	20175	38RB#37	21.48	22.00
Band4	15MHz	16QAM	20175	38RB#37	21.48	22.00
Band4	15MHz	64QAM	20175	38RB#37	21.48	22.00
Band4	15MHz	QPSK	20175	75RB#0	21.49	22.00
Band4	15MHz	16QAM	20175	75RB#0	20.64	21.00
Band4	15MHz	64QAM	20175	75RB#0	21.49	22.00
Band4	15MHz	QPSK	20325	1RB#0	22.63	23.00
Band4	15MHz	16QAM	20325	1RB#0	21.77	22.00
Band4	15MHz	64QAM	20325	1RB#0	22.65	23.00
Band4	15MHz	QPSK	20325	1RB#38	22.67	23.00
Band4	15MHz	16QAM	20325	1RB#38	21.88	22.00
Band4	15MHz	64QAM	20325	1RB#38	22.73	23.00
Band4	15MHz	QPSK	20325	1RB#74	22.58	23.00
Band4	15MHz	16QAM	20325	1RB#74	21.79	22.00
Band4	15MHz	64QAM	20325	1RB#74	22.62	23.00
Band4	15MHz	QPSK	20325	38RB#0	21.62	22.00
Band4	15MHz	16QAM	20325	38RB#0	21.62	22.00
Band4	15MHz	64QAM	20325	38RB#0	21.63	22.00
Band4	15MHz	QPSK	20325	38RB#18	21.63	22.00
Band4	15MHz	16QAM	20325	38RB#18	21.63	22.00
Band4	15MHz	64QAM	20325	38RB#18	21.63	22.00
Band4	15MHz	QPSK	20325	38RB#37	21.64	22.00
Band4	15MHz	16QAM	20325	38RB#37	21.64	22.00
Band4	15MHz	64QAM	20325	38RB#37	21.64	22.00
Band4	15MHz	QPSK	20325	75RB#0	21.63	22.00
Band4	15MHz	16QAM	20325	75RB#0	20.73	21.00
Band4	15MHz	64QAM	20325	75RB#0	21.65	22.00

Band4	20MHz	QPSK	20050	1RB#0	22.54	23.00
Band4	20MHz	16QAM	20050	1RB#0	21.25	22.00
Band4	20MHz	64QAM	20050	1RB#0	22.51	23.00
Band4	20MHz	QPSK	20050	1RB#49	22.32	23.00
Band4	20MHz	16QAM	20050	1RB#49	20.96	21.00
Band4	20MHz	64QAM	20050	1RB#49	22.32	23.00
Band4	20MHz	QPSK	20050	1RB#99	22.28	23.00
Band4	20MHz	16QAM	20050	1RB#99	21.05	22.00
Band4	20MHz	64QAM	20050	1RB#99	22.39	23.00
Band4	20MHz	QPSK	20050	50RB#0	21.35	22.00
Band4	20MHz	16QAM	20050	50RB#0	20.61	21.00
Band4	20MHz	64QAM	20050	50RB#0	21.37	22.00
Band4	20MHz	QPSK	20050	50RB#25	21.47	22.00
Band4	20MHz	16QAM	20050	50RB#25	20.61	21.00
Band4	20MHz	64QAM	20050	50RB#25	21.48	22.00
Band4	20MHz	QPSK	20050	50RB#50	21.36	22.00
Band4	20MHz	16QAM	20050	50RB#50	20.53	21.00
Band4	20MHz	64QAM	20050	50RB#50	21.39	22.00
Band4	20MHz	QPSK	20050	100RB#0	21.35	22.00
Band4	20MHz	16QAM	20050	100RB#0	20.51	21.00
Band4	20MHz	64QAM	20050	100RB#0	21.36	22.00
Band4	20MHz	QPSK	20175	1RB#0	22.54	23.00
Band4	20MHz	16QAM	20175	1RB#0	22.06	23.00
Band4	20MHz	64QAM	20175	1RB#0	22.59	23.00
Band4	20MHz	QPSK	20175	1RB#49	22.61	23.00
Band4	20MHz	16QAM	20175	1RB#49	22.08	23.00
Band4	20MHz	64QAM	20175	1RB#49	22.58	23.00
Band4	20MHz	QPSK	20175	1RB#99	22.66	23.00
Band4	20MHz	16QAM	20175	1RB#99	22.10	23.00
Band4	20MHz	64QAM	20175	1RB#99	22.67	23.00
Band4	20MHz	QPSK	20175	50RB#0	21.39	22.00
Band4	20MHz	16QAM	20175	50RB#0	20.55	21.00
Band4	20MHz	64QAM	20175	50RB#0	21.39	22.00
Band4	20MHz	QPSK	20175	50RB#25	21.50	22.00
Band4	20MHz	16QAM	20175	50RB#25	20.55	21.00
Band4	20MHz	64QAM	20175	50RB#25	21.51	22.00
Band4	20MHz	QPSK	20175	50RB#50	21.58	22.00
Band4	20MHz	16QAM	20175	50RB#50	20.63	21.00
Band4	20MHz	64QAM	20175	50RB#50	21.60	22.00
Band4	20MHz	QPSK	20175	100RB#0	21.48	22.00

Band4	20MHz	16QAM	20175	100RB#0	20.57	21.00
Band4	20MHz	64QAM	20175	100RB#0	21.49	22.00
Band4	20MHz	QPSK	20300	1RB#0	22.59	23.00
Band4	20MHz	16QAM	20300	1RB#0	21.40	22.00
Band4	20MHz	64QAM	20300	1RB#0	22.55	23.00
Band4	20MHz	QPSK	20300	1RB#49	22.62	23.00
Band4	20MHz	16QAM	20300	1RB#49	21.54	22.00
Band4	20MHz	64QAM	20300	1RB#49	22.63	23.00
Band4	20MHz	QPSK	20300	1RB#99	22.59	23.00
Band4	20MHz	16QAM	20300	1RB#99	21.54	22.00
Band4	20MHz	64QAM	20300	1RB#99	22.58	23.00
Band4	20MHz	QPSK	20300	50RB#0	21.57	22.00
Band4	20MHz	16QAM	20300	50RB#0	20.90	21.00
Band4	20MHz	64QAM	20300	50RB#0	21.59	22.00
Band4	20MHz	QPSK	20300	50RB#25	21.59	22.00
Band4	20MHz	16QAM	20300	50RB#25	20.91	21.00
Band4	20MHz	64QAM	20300	50RB#25	21.60	22.00
Band4	20MHz	QPSK	20300	50RB#50	21.68	22.00
Band4	20MHz	16QAM	20300	50RB#50	20.87	21.00
Band4	20MHz	64QAM	20300	50RB#50	21.58	22.00
Band4	20MHz	QPSK	20300	100RB#0	21.62	22.00
Band4	20MHz	16QAM	20300	100RB#0	20.69	21.00
Band4	20MHz	64QAM	20300	100RB#0	21.54	22.00

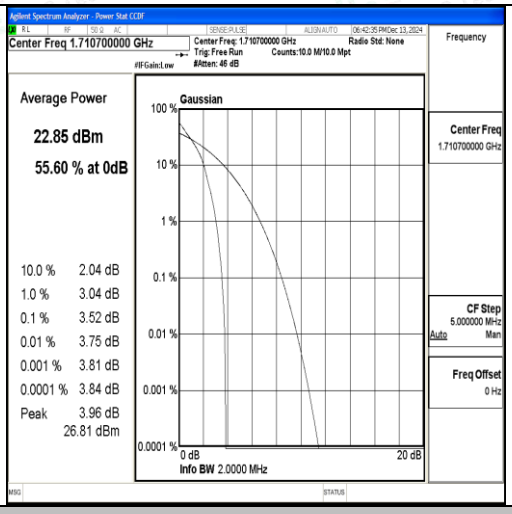
C.2 Peak-to-Average Ratio(CCDF)

Test Result

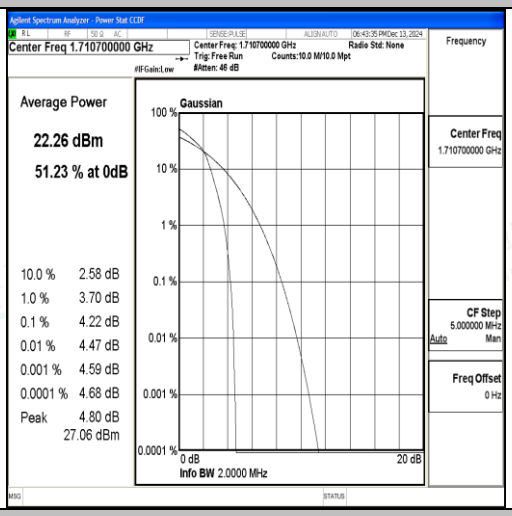
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	3.52	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.22	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.30	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.94	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.61	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.16	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.51	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.21	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.40	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3.93	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.30	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.96	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.52	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.29	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.30	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.01	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.69	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.49	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.54	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.28	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.43	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.23	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.27	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.97	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.59	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.38	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.87	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.43	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.83	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.76	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.96	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.58	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.39	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.33	13	PASS

Band4	5MHz	QPSK	20375	25RB#0	4.76	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.36	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.54	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.30	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.95	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.58	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.90	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.70	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.99	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.68	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.08	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	3.96	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.73	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.40	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.52	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.25	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.26	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.72	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.02	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.62	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.24	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.74	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.38	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.09	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.96	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.47	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.25	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.12	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.05	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.69	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.93	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.60	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.95	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.65	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.32	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	4.02	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.73	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.37	13	PASS

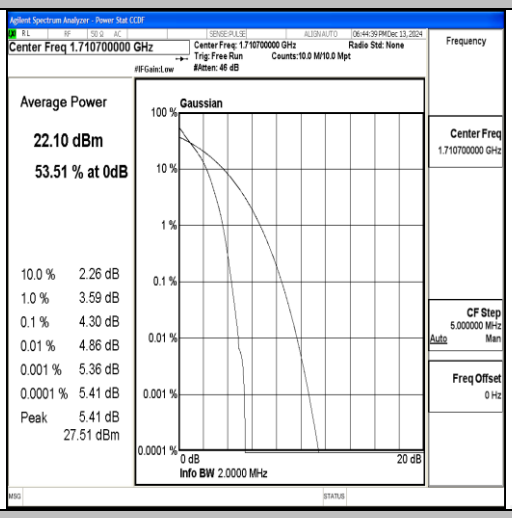
Test Graphs



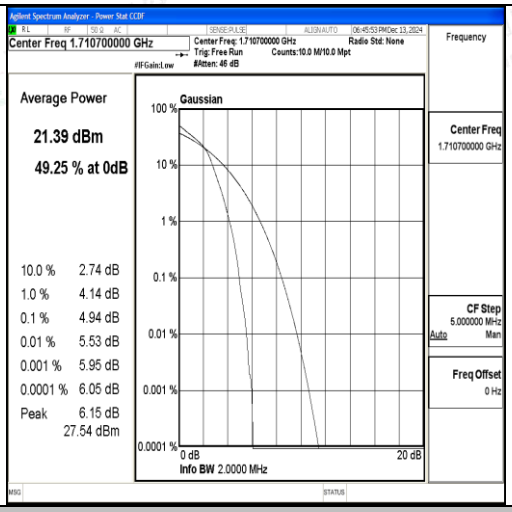
Band4-1.4MHz-QPSK-19957-1RB#0-PASS



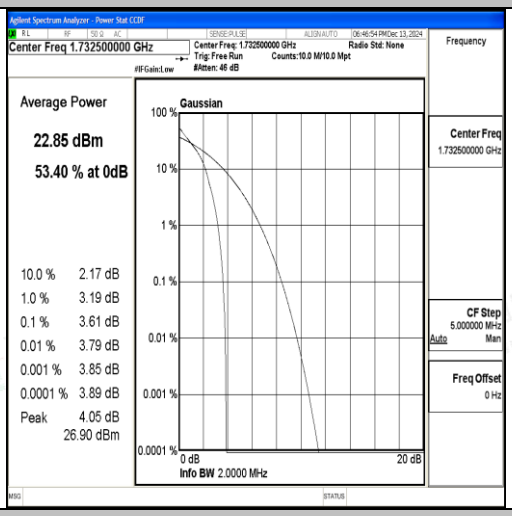
Band4-1.4MHz-16QAM-19957-1RB#0-PASS



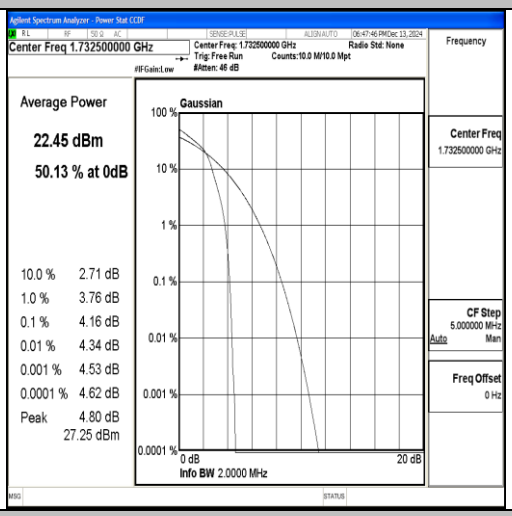
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



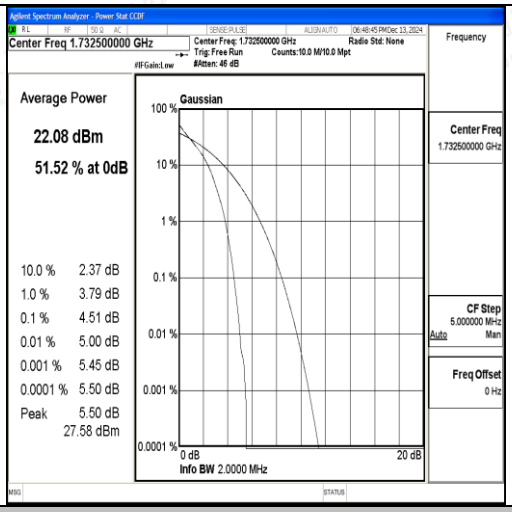
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



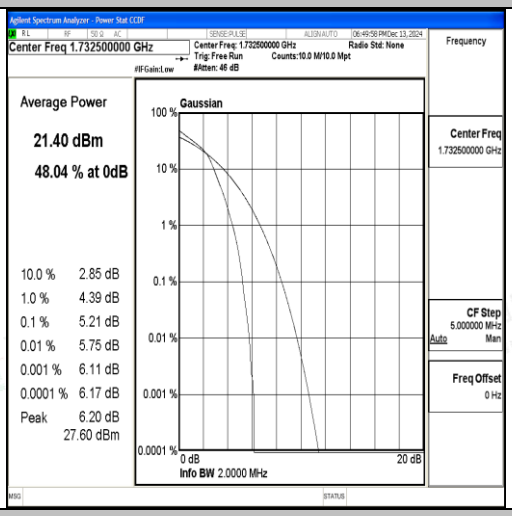
Band4-1.4MHz-QPSK-20175-1RB#0-PASS



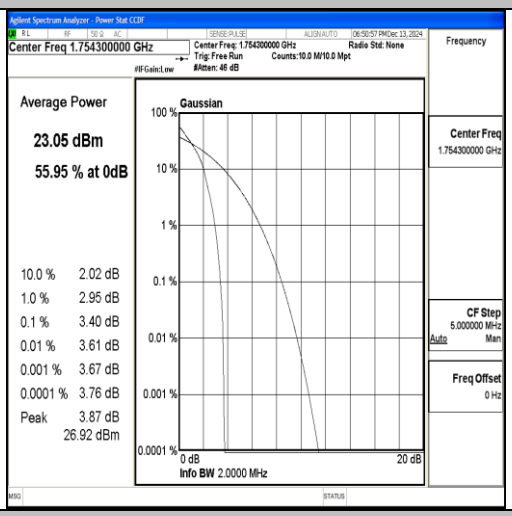
Band4-1.4MHz-16QAM-20175-1RB#0-PASS



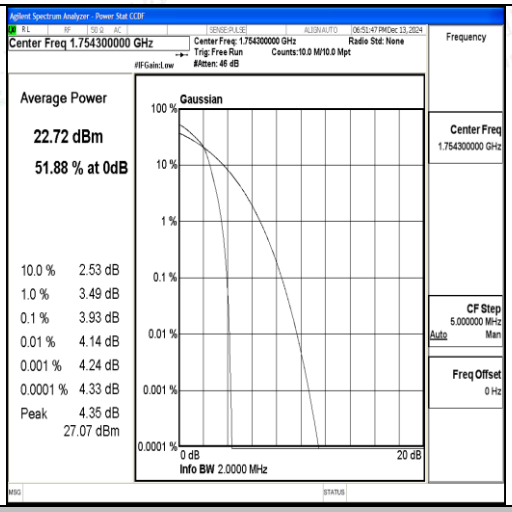
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



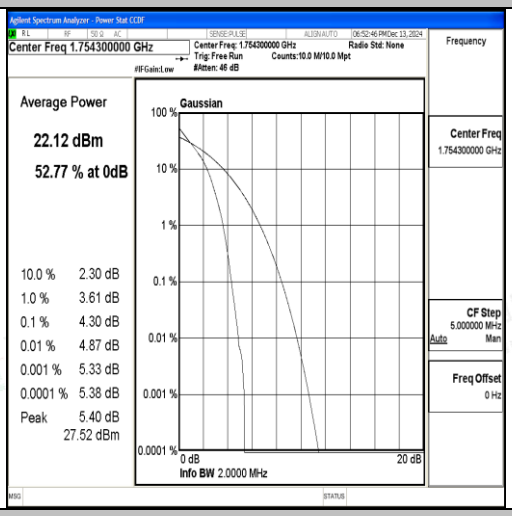
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



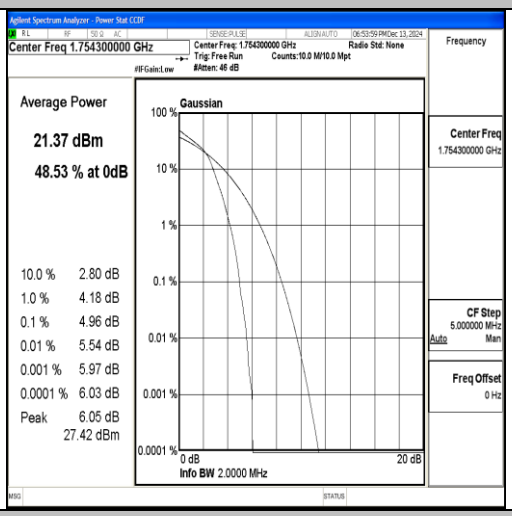
Band4-1.4MHz-QPSK-20393-1RB#0-PASS



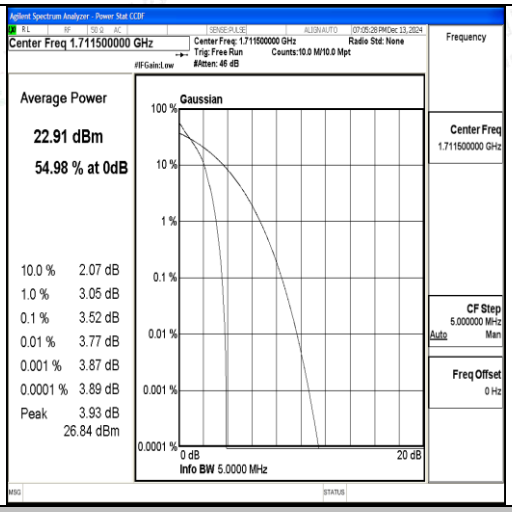
Band4-1.4MHz-16QAM-20393-1RB#0-PASS



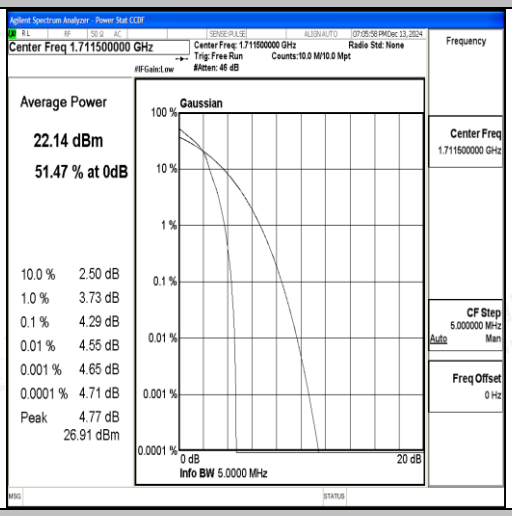
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



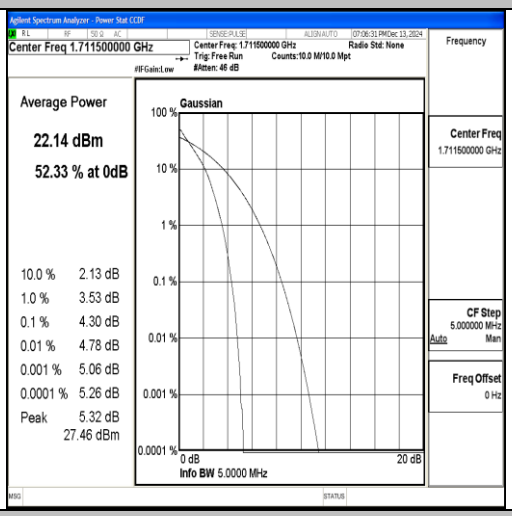
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



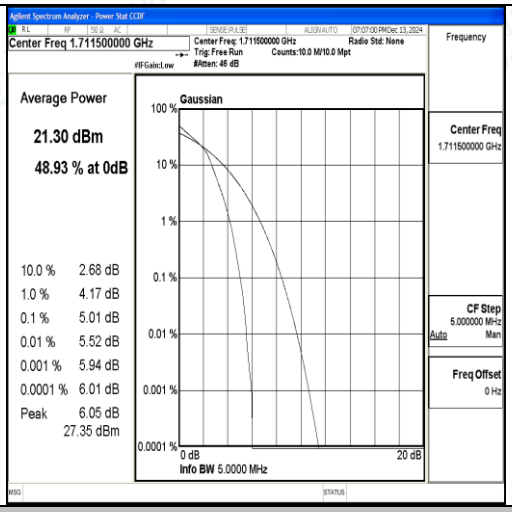
Band4-3MHz-QPSK-19965-1RB#0-PASS



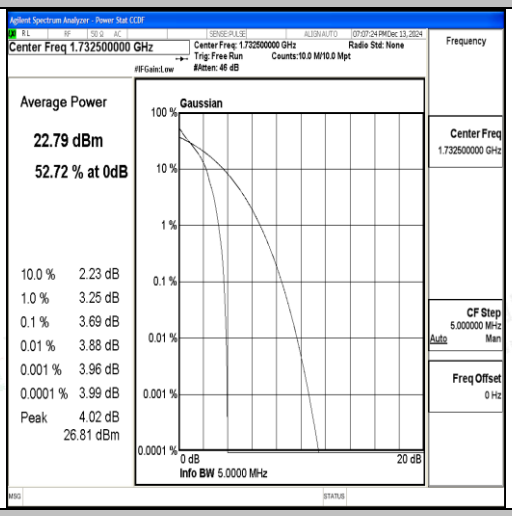
Band4-3MHz-16QAM-19965-1RB#0-PASS



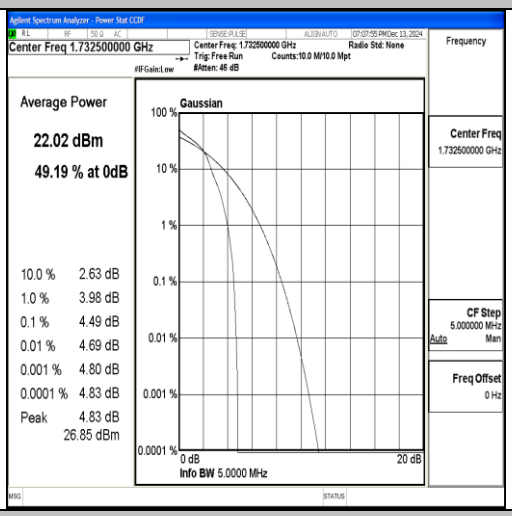
Band4-3MHz-QPSK-19965-15RB#0-PASS



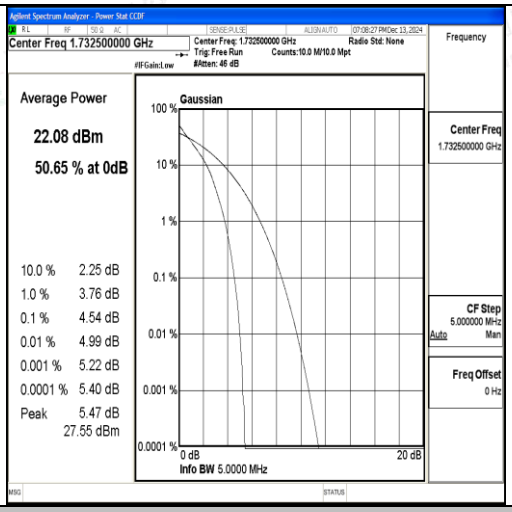
Band4-3MHz-16QAM-19965-15RB#0-PASS



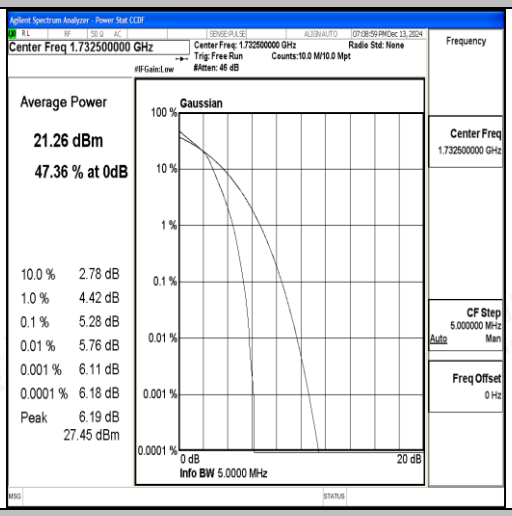
Band4-3MHz-QPSK-20175-1RB#0-PASS



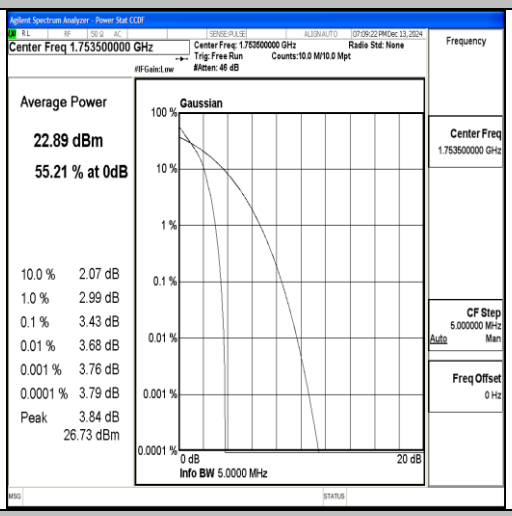
Band4-3MHz-16QAM-20175-1RB#0-PASS



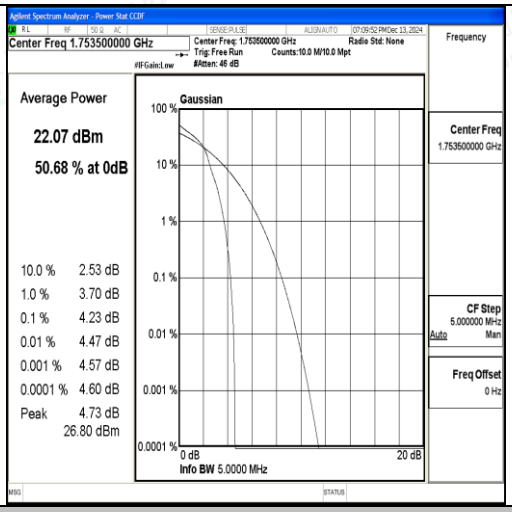
Band4-3MHz-QPSK-20175-15RB#0-PASS



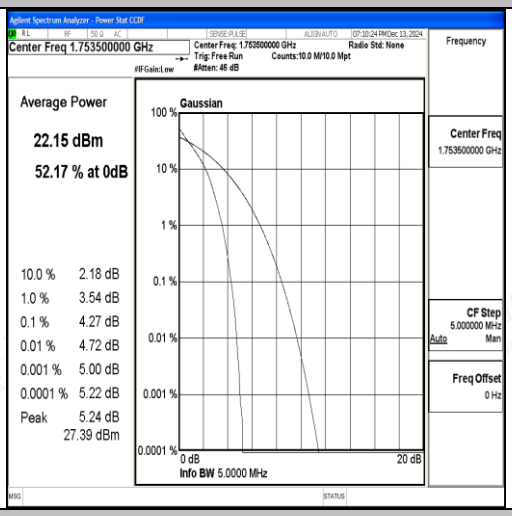
Band4-3MHz-16QAM-20175-15RB#0-PASS



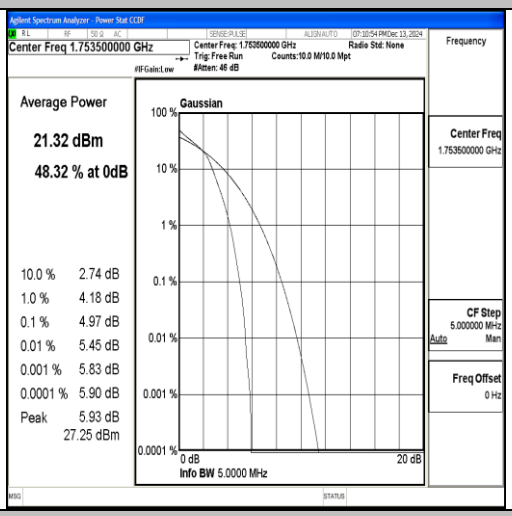
Band4-3MHz-QPSK-20385-1RB#0-PASS



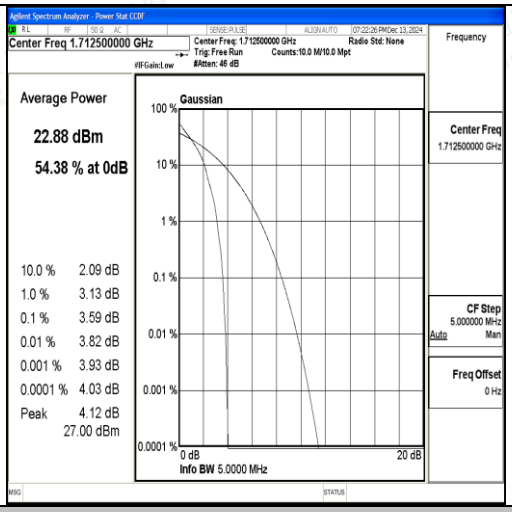
Band4-3MHz-16QAM-20385-1RB#0-PASS



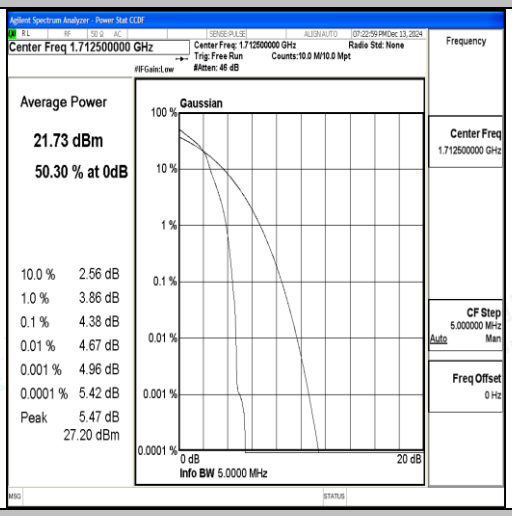
Band4-3MHz-QPSK-20385-15RB#0-PASS



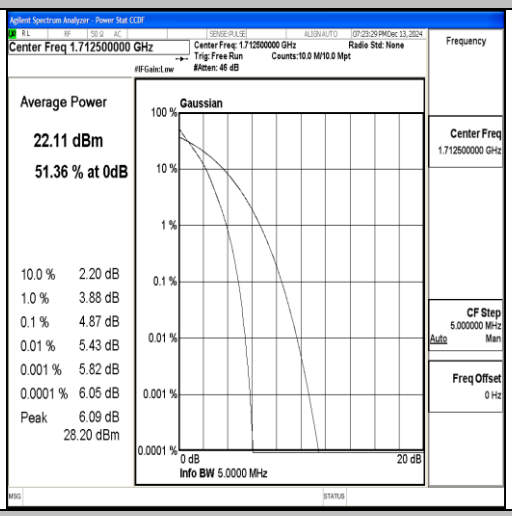
Band4-3MHz-16QAM-20385-15RB#0-PASS



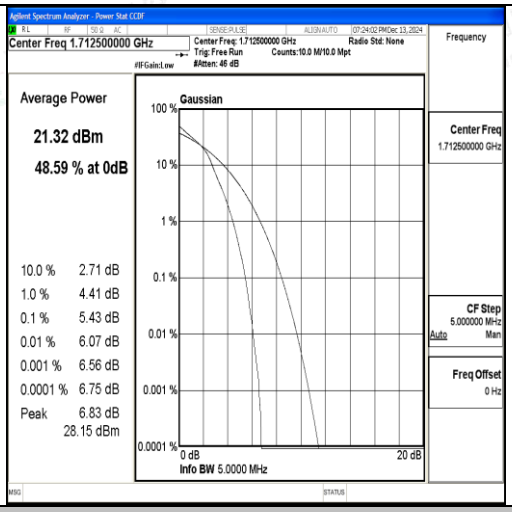
Band4-5MHz-QPSK-19975-1RB#0-PASS



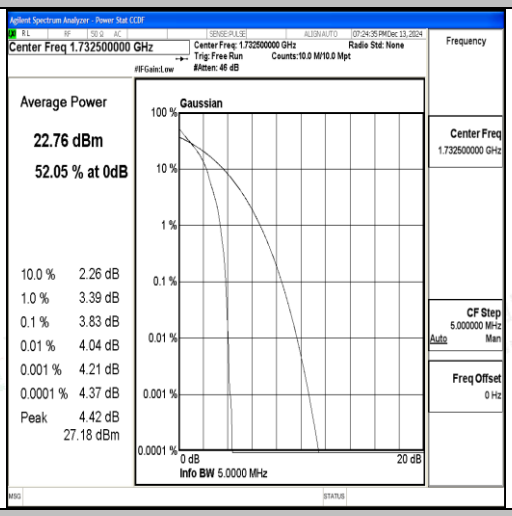
Band4-5MHz-16QAM-19975-1RB#0-PASS



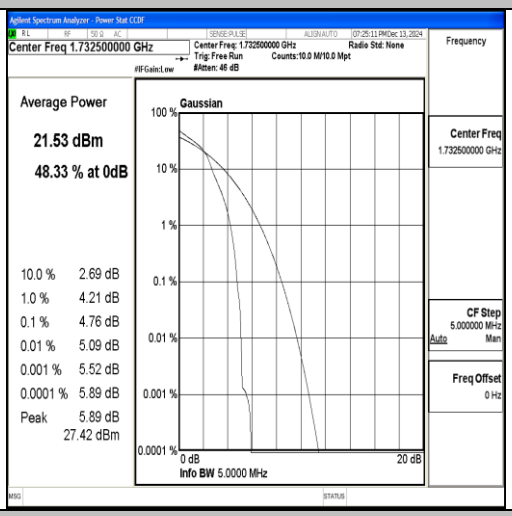
Band4-5MHz-QPSK-19975-25RB#0-PASS



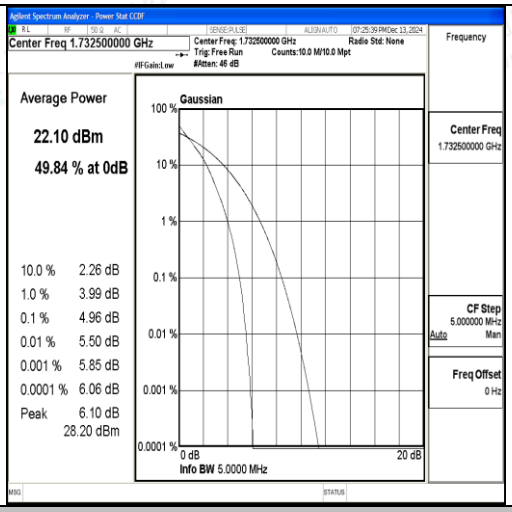
Band4-5MHz-16QAM-19975-25RB#0-PASS



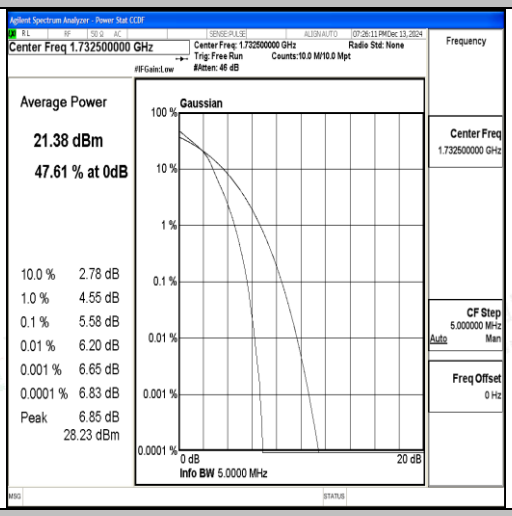
Band4-5MHz-QPSK-20175-1RB#0-PASS



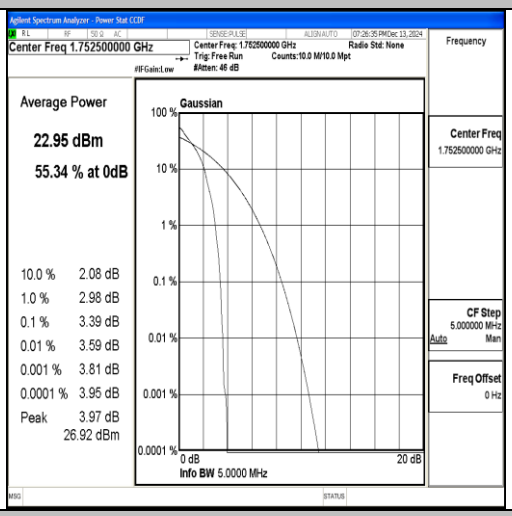
Band4-5MHz-16QAM-20175-1RB#0-PASS



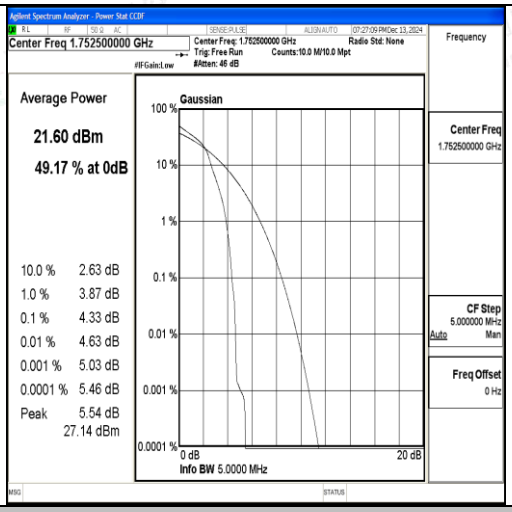
Band4-5MHz-QPSK-20175-25RB#0-PASS



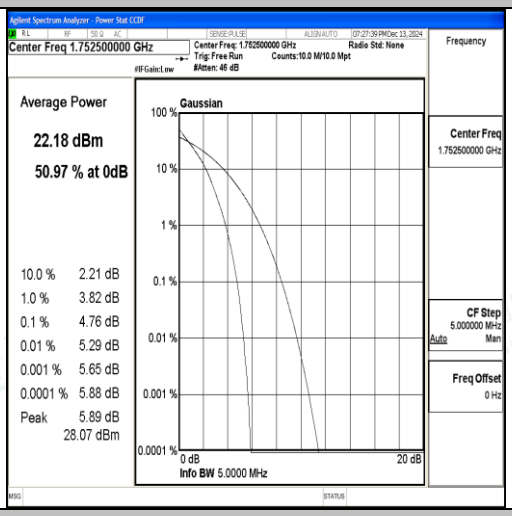
Band4-5MHz-16QAM-20175-25RB#0-PASS



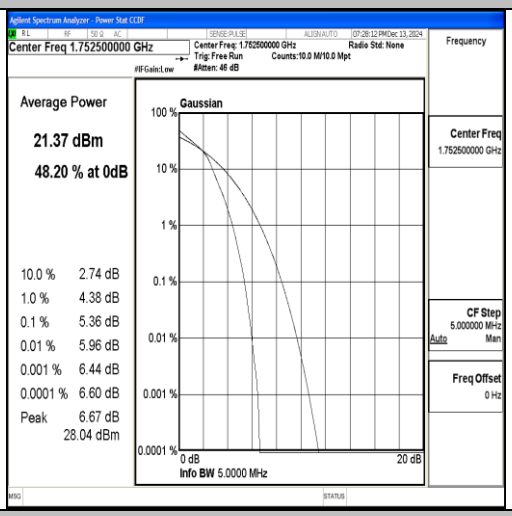
Band4-5MHz-QPSK-20375-1RB#0-PASS



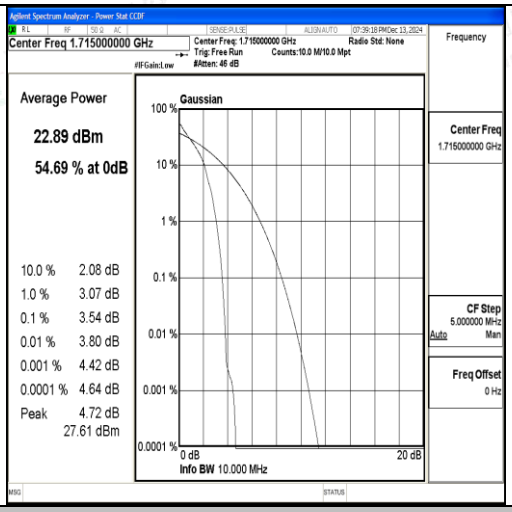
Band4-5MHz-16QAM-20375-1RB#0-PASS



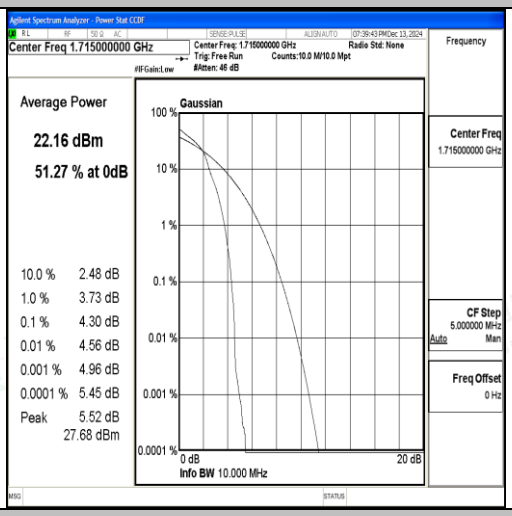
Band4-5MHz-QPSK-20375-25RB#0-PASS



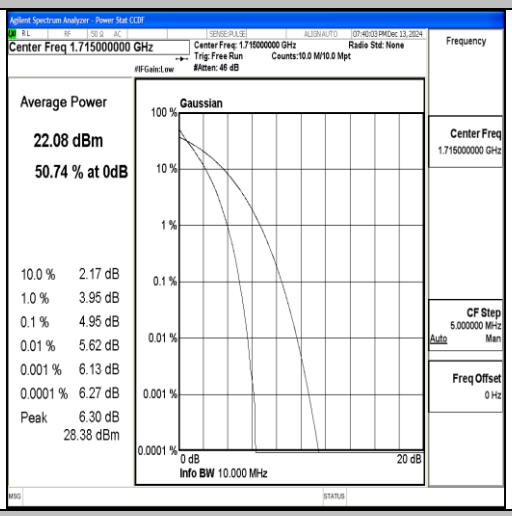
Band4-5MHz-16QAM-20375-25RB#0-PASS



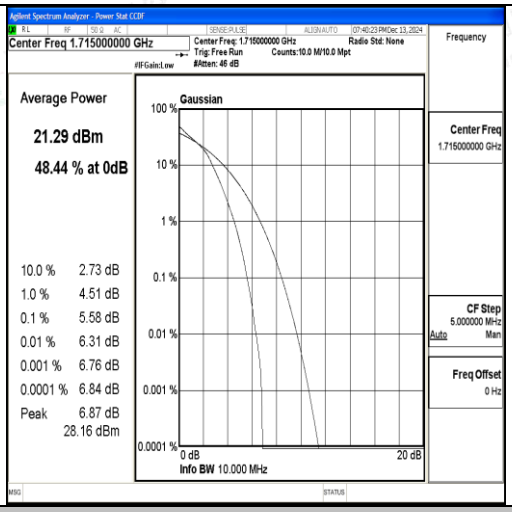
Band4-10MHz-QPSK-20000-1RB#0-PASS



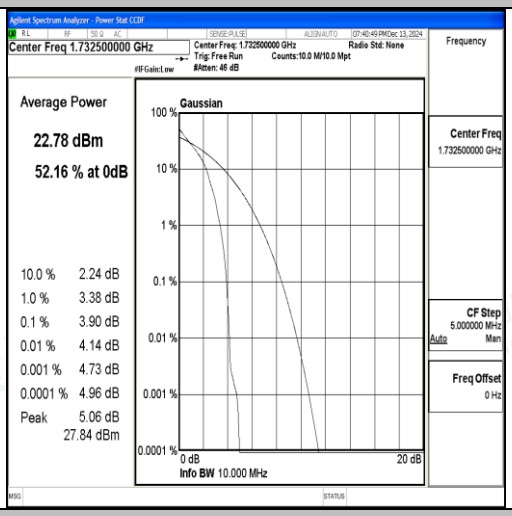
Band4-10MHz-16QAM-20000-1RB#0-PASS



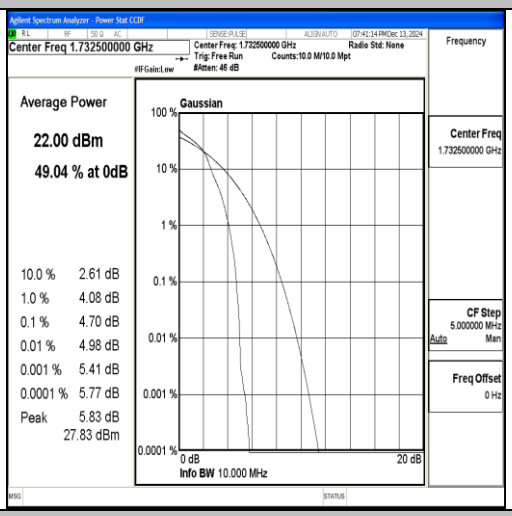
Band4-10MHz-QPSK-20000-50RB#0-PASS



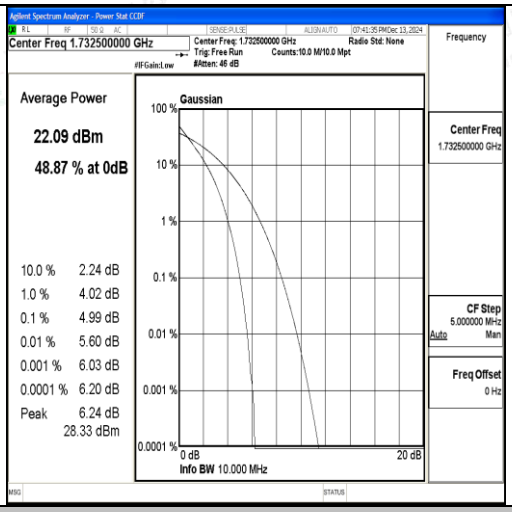
Band4-10MHz-16QAM-20000-50RB#0-PASS



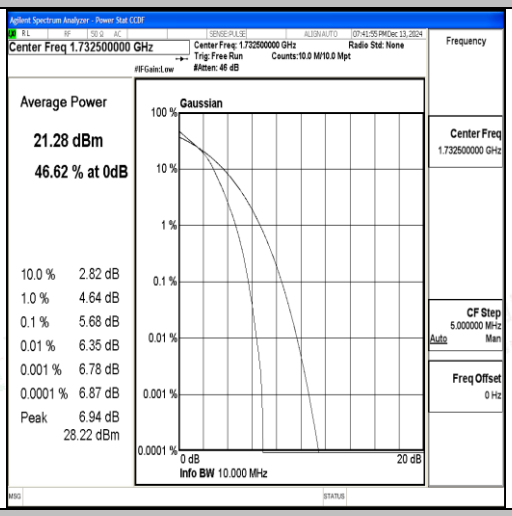
Band4-10MHz-QPSK-20175-1RB#0-PASS



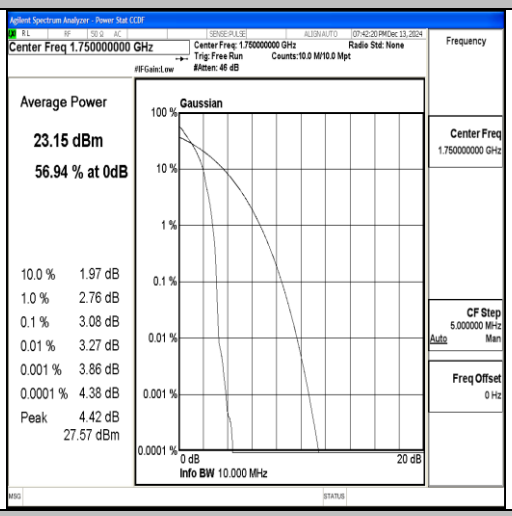
Band4-10MHz-16QAM-20175-1RB#0-PASS



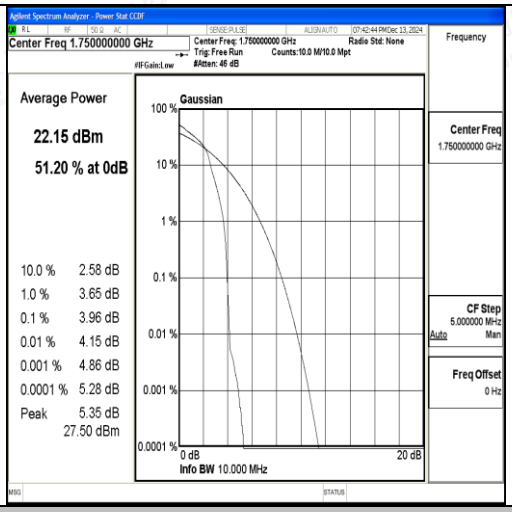
Band4-10MHz-QPSK-20175-50RB#0-PASS



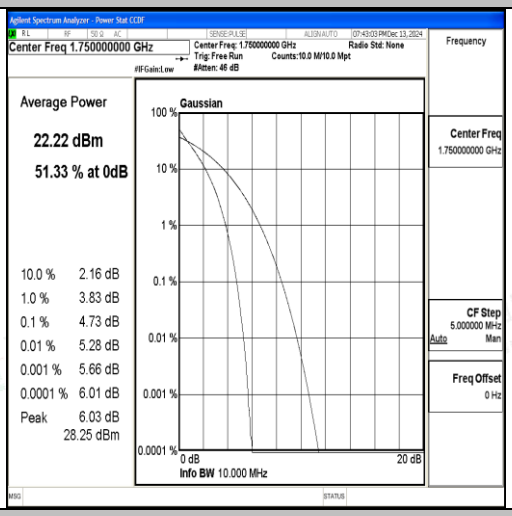
Band4-10MHz-16QAM-20175-50RB#0-PASS



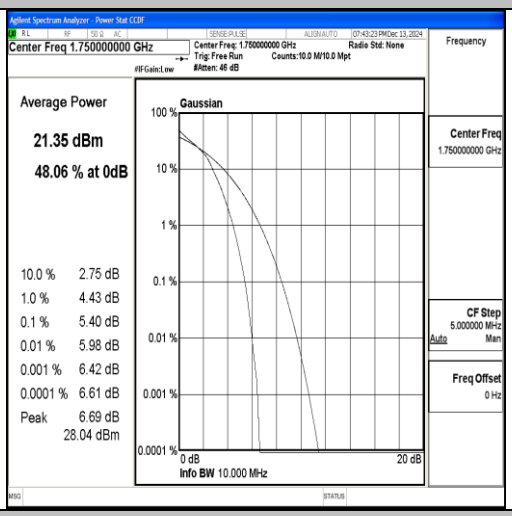
Band4-10MHz-QPSK-20350-1RB#0-PASS



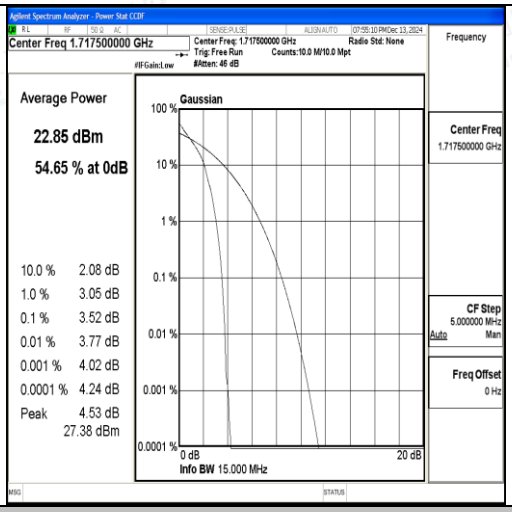
Band4-10MHz-16QAM-20350-1RB#0-PASS



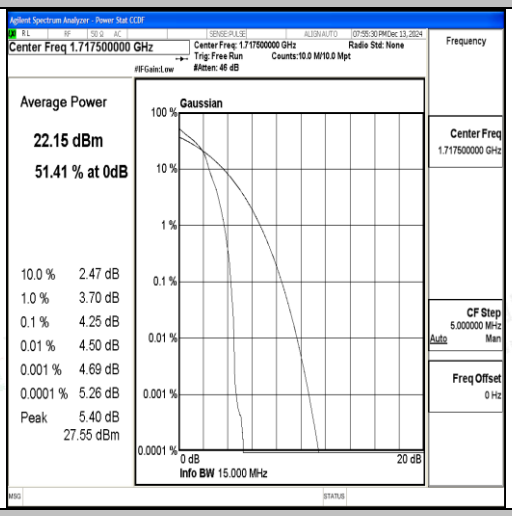
Band4-10MHz-QPSK-20350-50RB#0-PASS



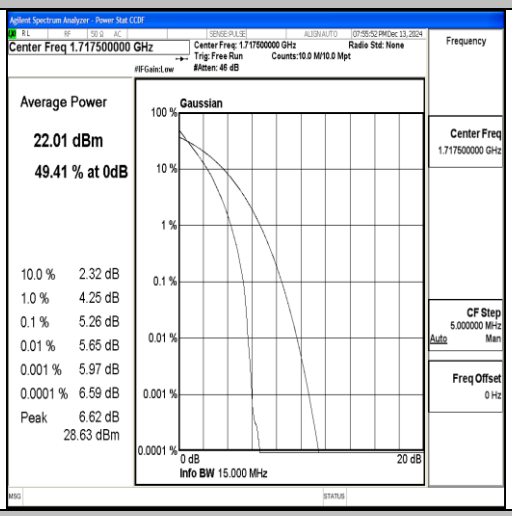
Band4-10MHz-16QAM-20350-50RB#0-PASS



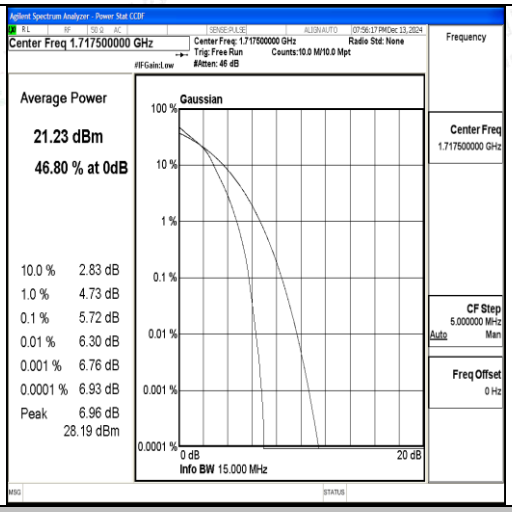
Band4-15MHz-QPSK-20025-1RB#0-PASS



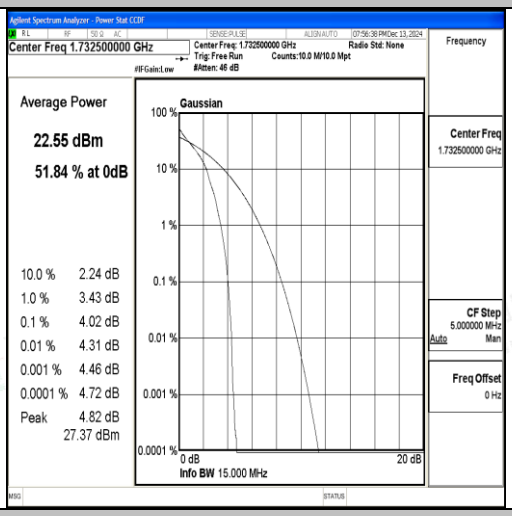
Band4-15MHz-16QAM-20025-1RB#0-PASS



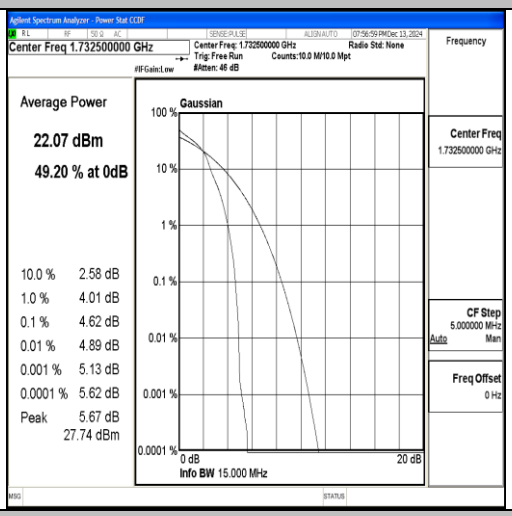
Band4-15MHz-QPSK-20025-75RB#0-PASS



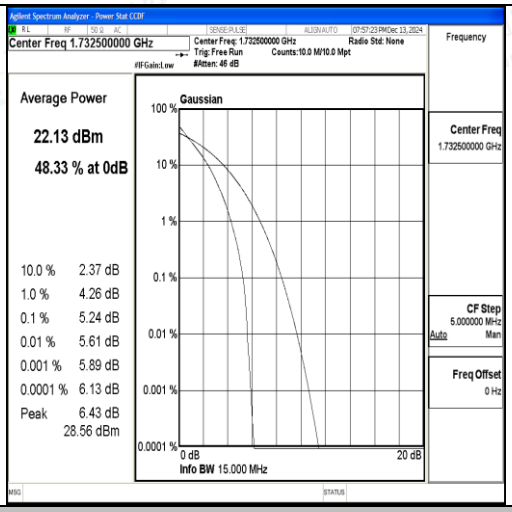
Band4-15MHz-16QAM-20025-75RB#0-PASS



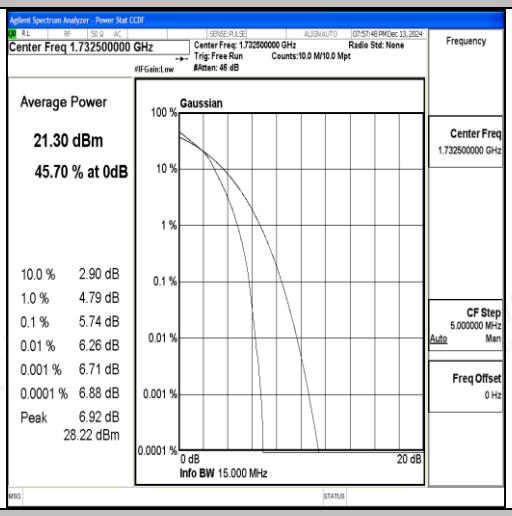
Band4-15MHz-QPSK-20175-1RB#0-PASS



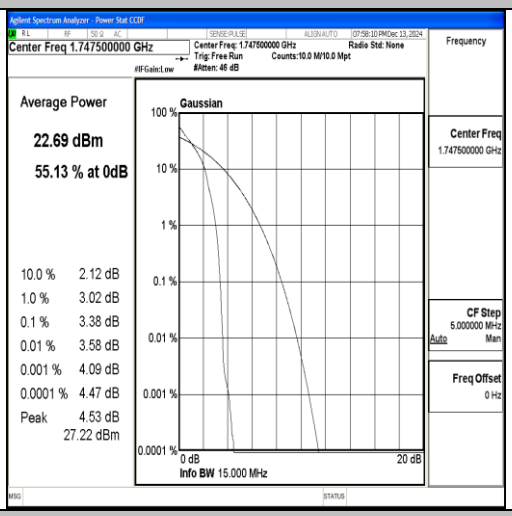
Band4-15MHz-16QAM-20175-1RB#0-PASS



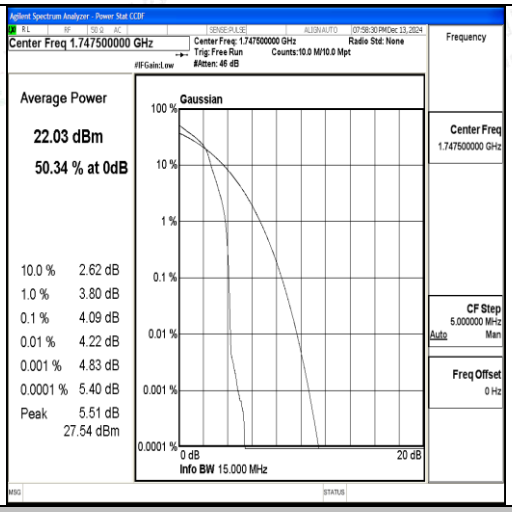
Band4-15MHz-QPSK-20175-75RB#0-PASS



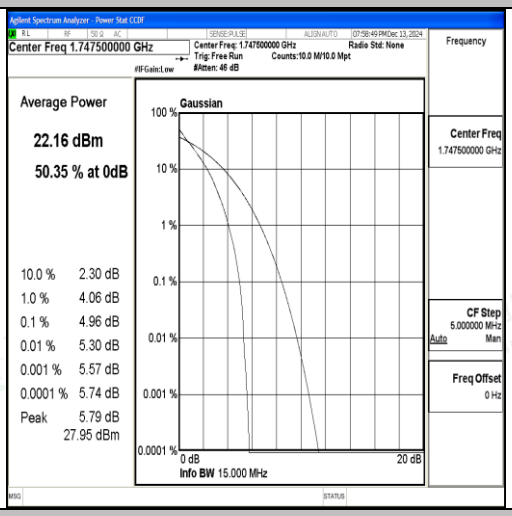
Band4-15MHz-16QAM-20175-75RB#0-PASS



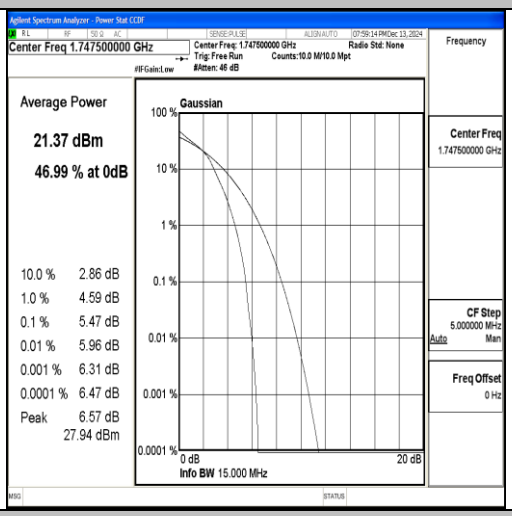
Band4-15MHz-QPSK-20325-1RB#0-PASS



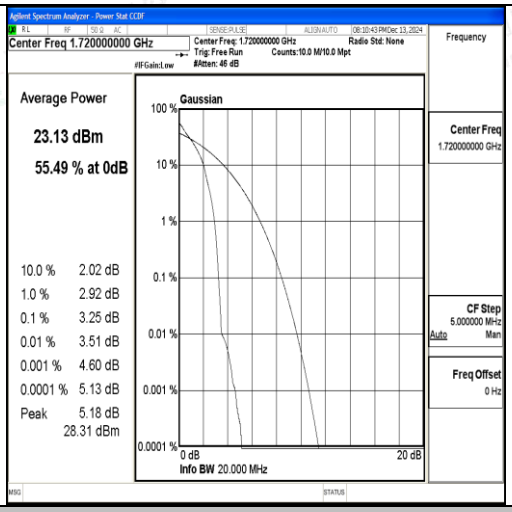
Band4-15MHz-16QAM-20325-1RB#0-PASS



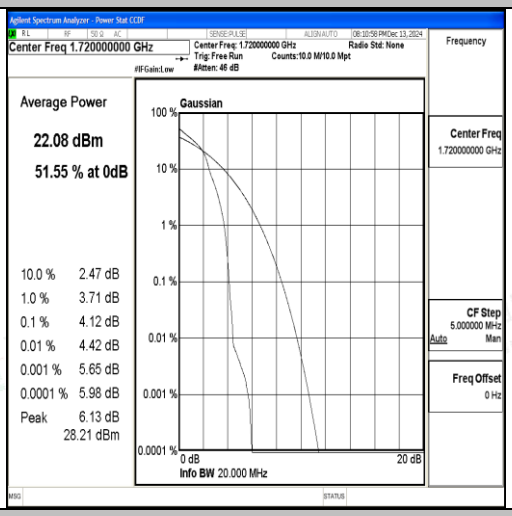
Band4-15MHz-QPSK-20325-75RB#0-PASS



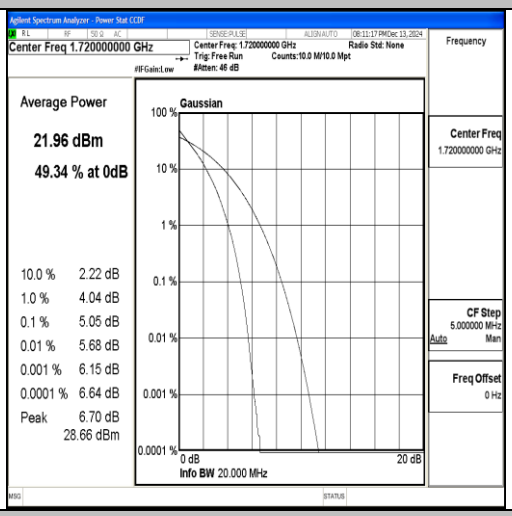
Band4-15MHz-16QAM-20325-75RB#0-PASS



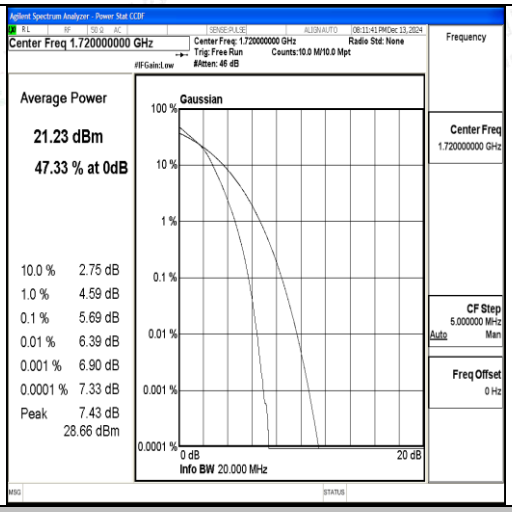
Band4-20MHz-QPSK-20050-1RB#0-PASS



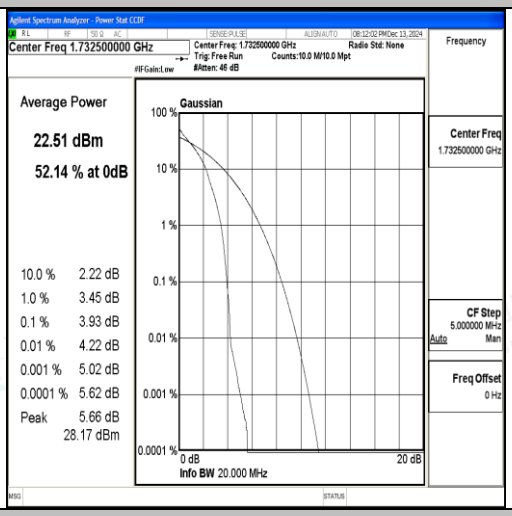
Band4-20MHz-16QAM-20050-1RB#0-PASS



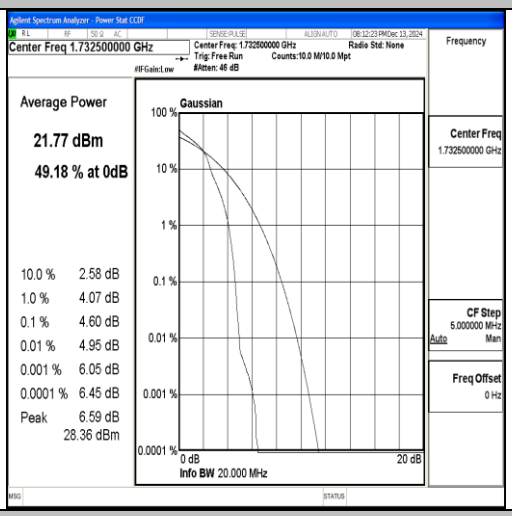
Band4-20MHz-QPSK-20050-100RB#0-PASS



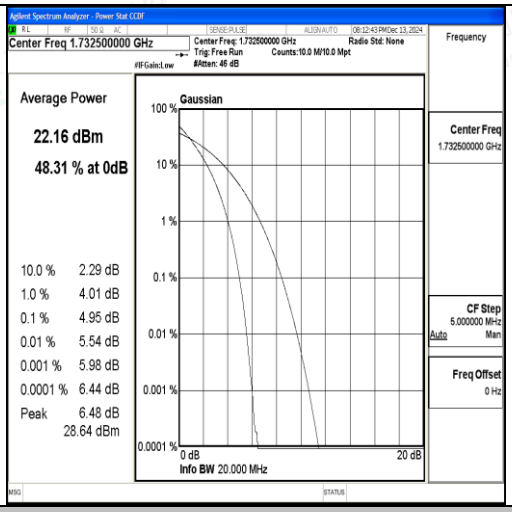
Band4-20MHz-16QAM-20050-100RB#0-PASS



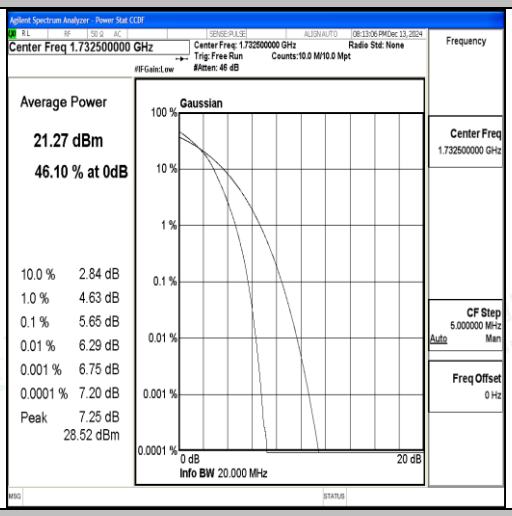
Band4-20MHz-QPSK-20175-1RB#0-PASS



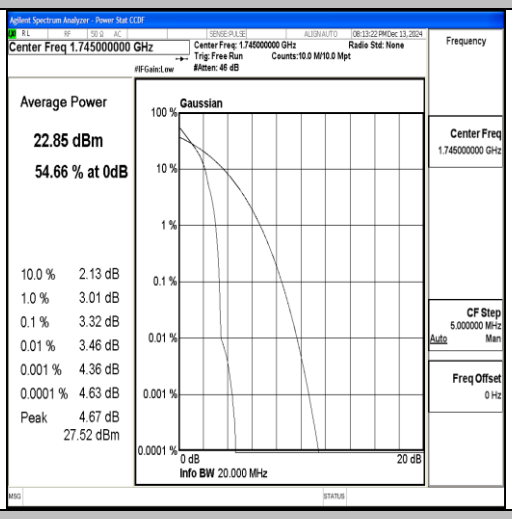
Band4-20MHz-16QAM-20175-1RB#0-PASS



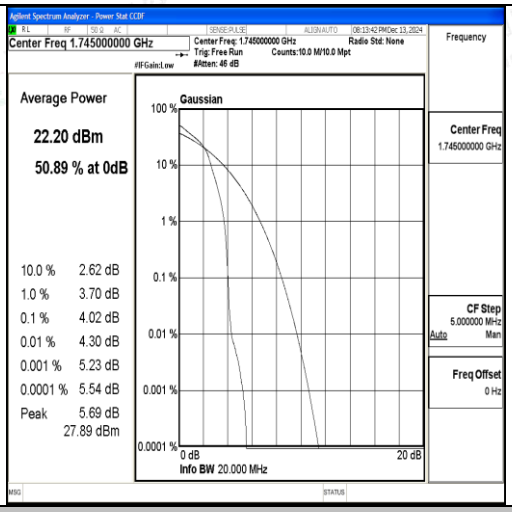
Band4-20MHz-QPSK-20175-100RB#0-PASS



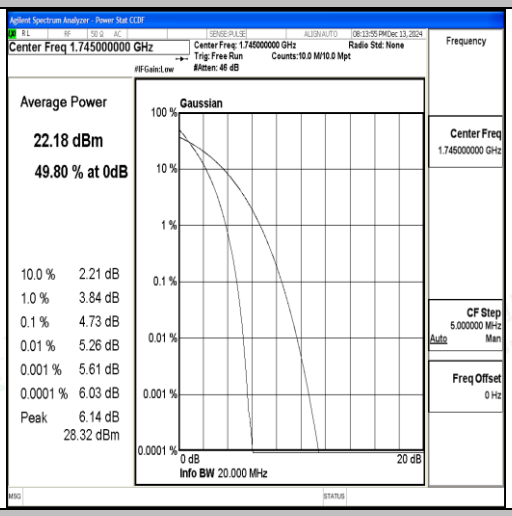
Band4-20MHz-16QAM-20175-100RB#0-PASS



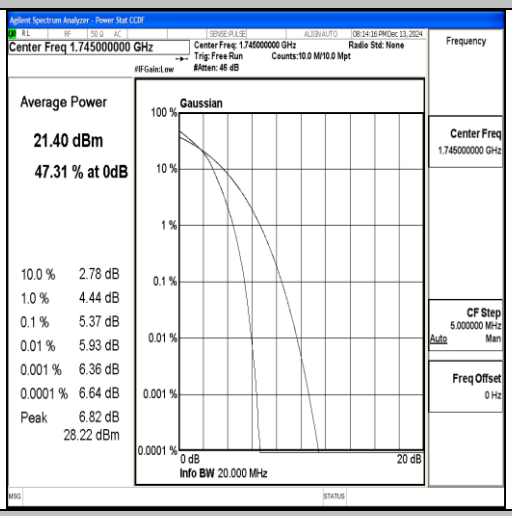
Band4-20MHz-QPSK-20300-1RB#0-PASS



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



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



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

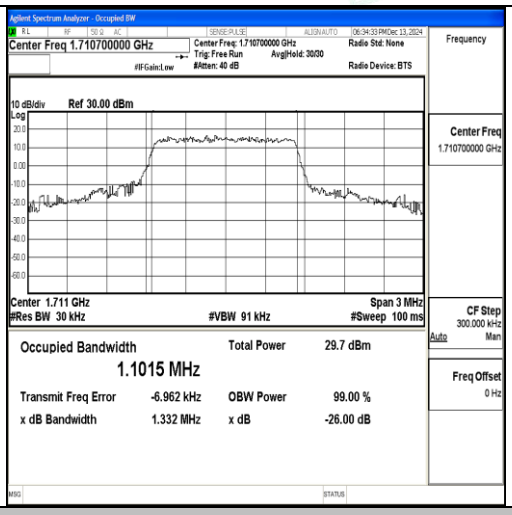
C.3 26dB Bandwidth and Occupied Bandwidth

Test Result

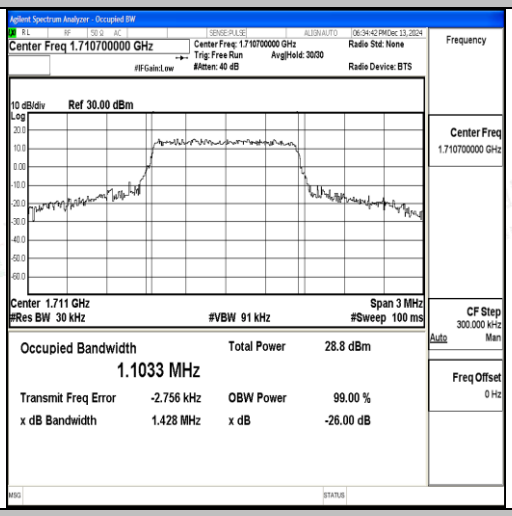
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1015	1.332	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1033	1.428	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0977	1.397	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1032	1.358	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1002	1.329	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1102	1.383	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7215	3.146	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7014	3.075	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7076	3.142	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7025	3.094	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7174	3.345	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7003	3.139	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5295	5.459	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5223	5.353	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5232	5.301	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5293	5.294	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5295	5.370	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5165	5.313	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0218	10.04	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0144	10.27	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0067	10.03	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0050	10.14	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0235	10.28	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0175	10.04	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.544	15.58	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.519	15.32	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.525	15.20	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.536	14.92	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.505	15.96	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.507	15.15	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.065	20.25	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.093	20.02	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.006	19.87	PASS

Band4	20MHz	16QAM	20175	100RB#0	18.043	19.93	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.026	20.45	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.030	20.16	PASS

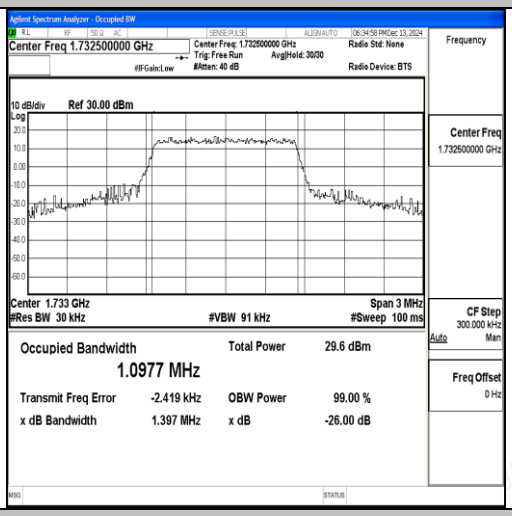
Test Graphs



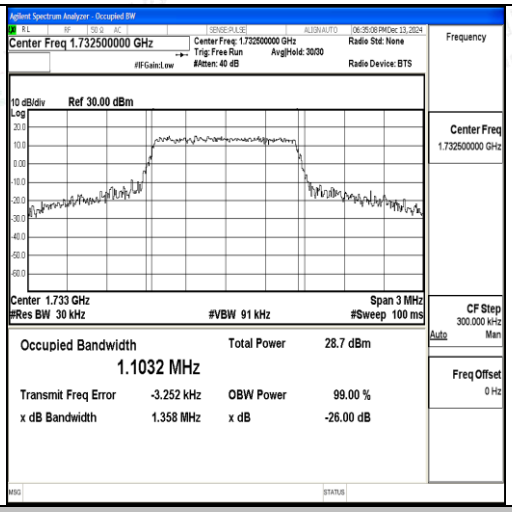
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



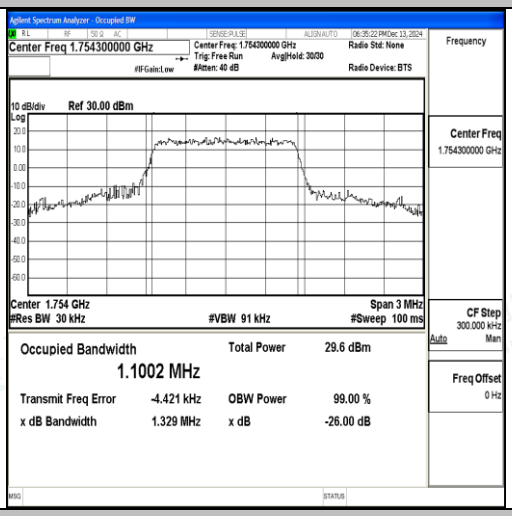
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



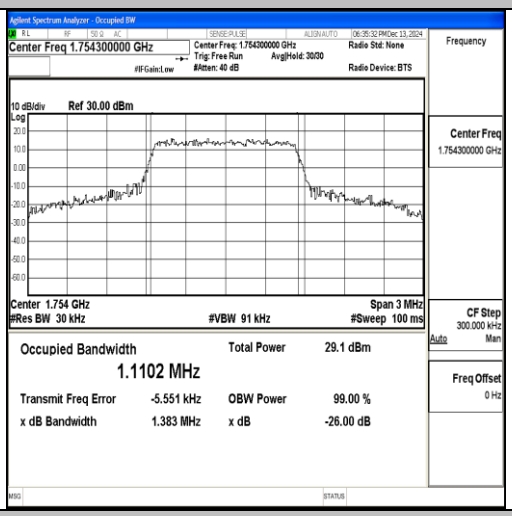
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



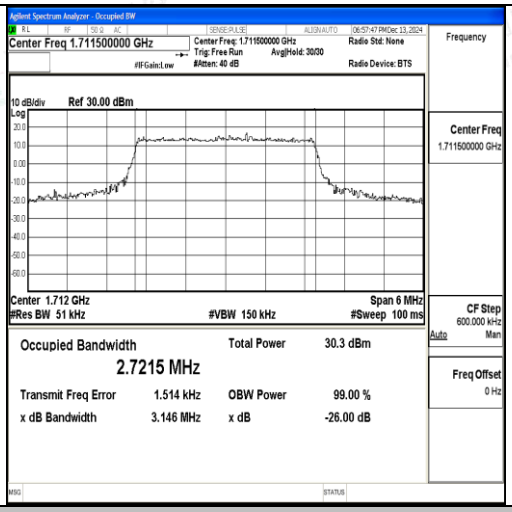
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



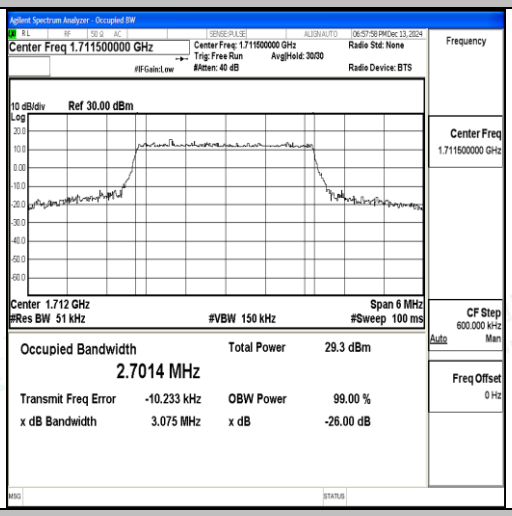
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



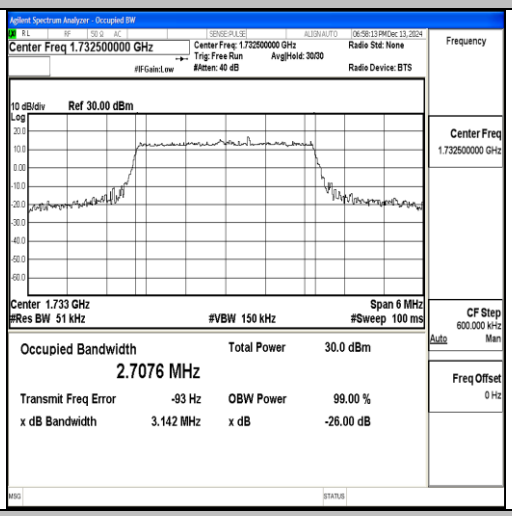
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



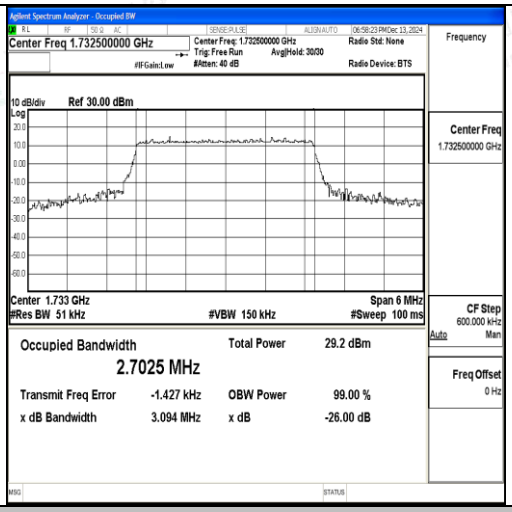
Band4-3MHz-QPSK-19965-15RB#0-PASS



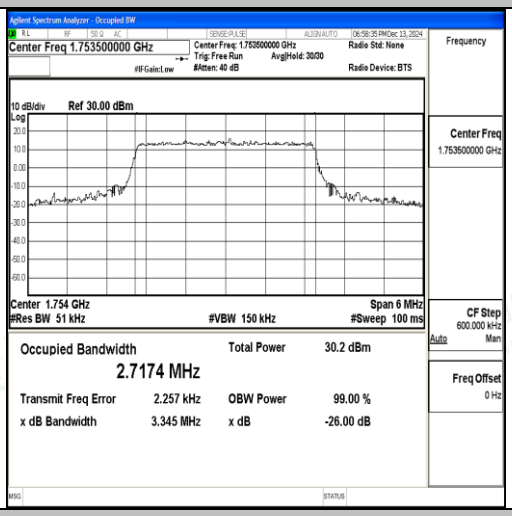
Band4-3MHz-16QAM-19965-15RB#0-PASS



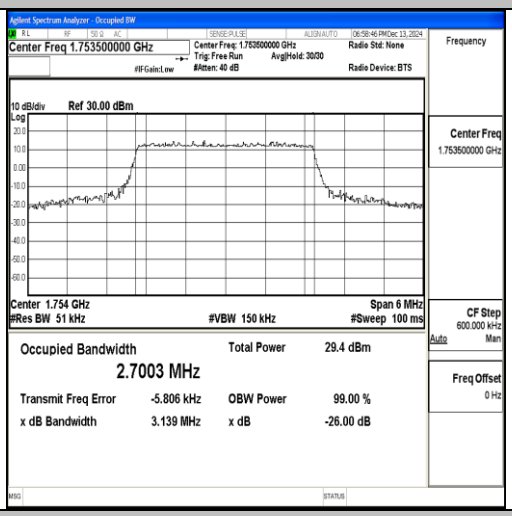
Band4-3MHz-QPSK-20175-15RB#0-PASS



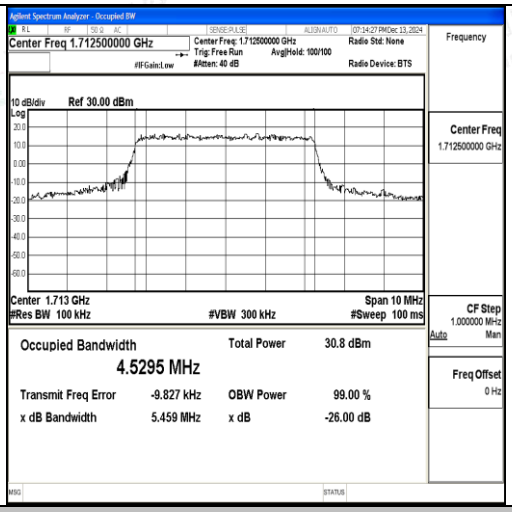
Band4-3MHz-16QAM-20175-15RB#0-PASS



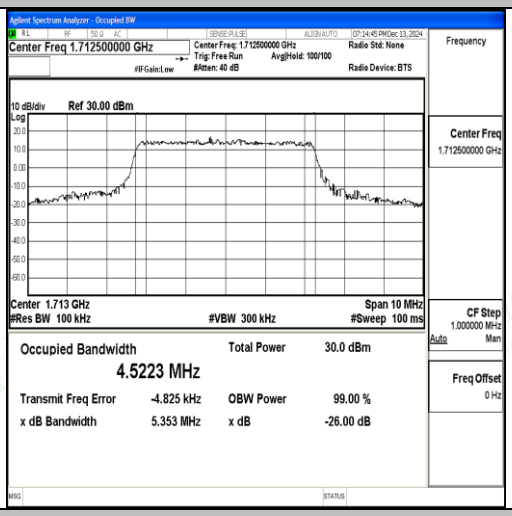
Band4-3MHz-QPSK-20385-15RB#0-PASS



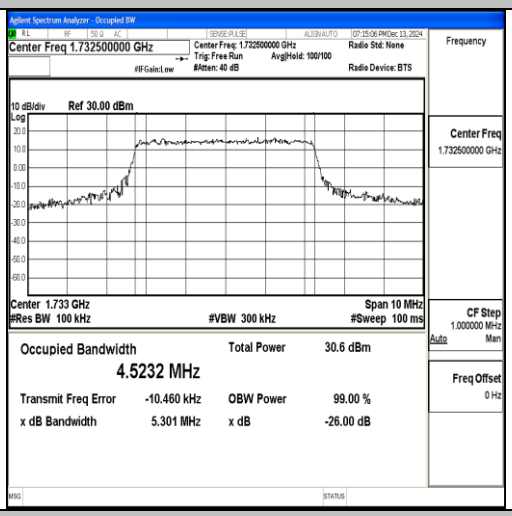
Band4-3MHz-16QAM-20385-15RB#0-PASS



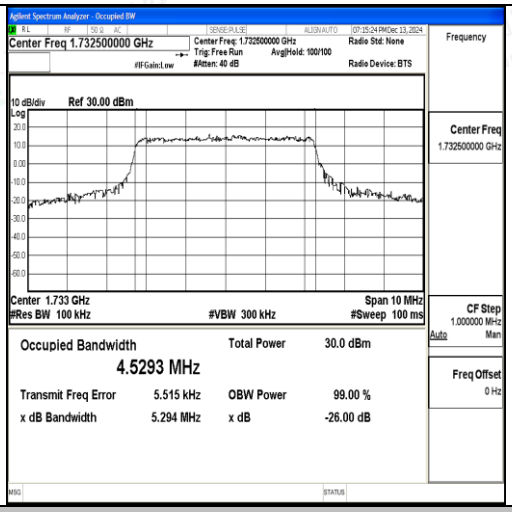
Band4-5MHz-QPSK-19975-25RB#0-PASS



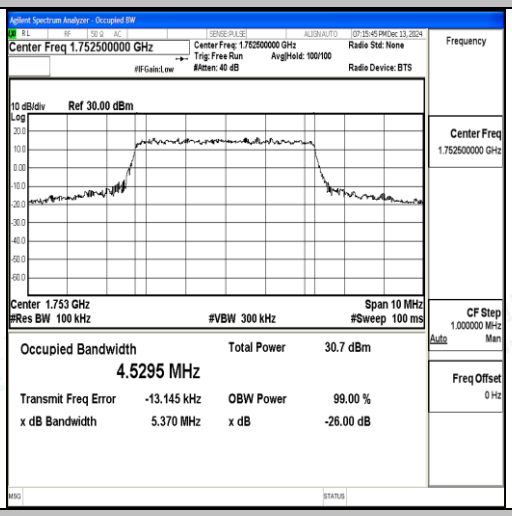
Band4-5MHz-16QAM-19975-25RB#0-PASS



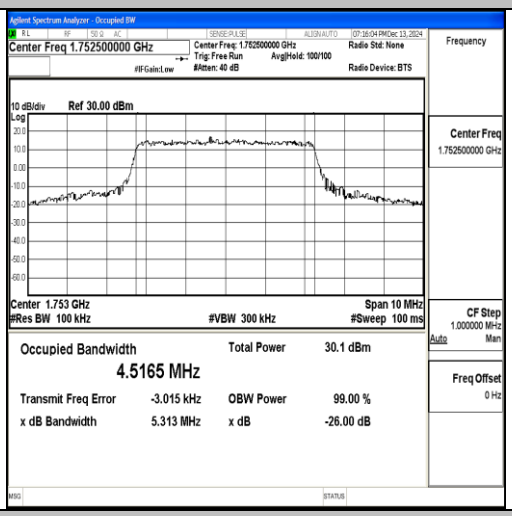
Band4-5MHz-QPSK-20175-25RB#0-PASS



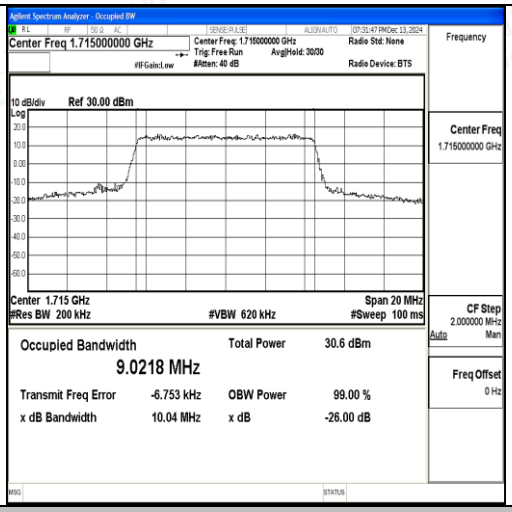
Band4-5MHz-16QAM-20175-25RB#0-PASS



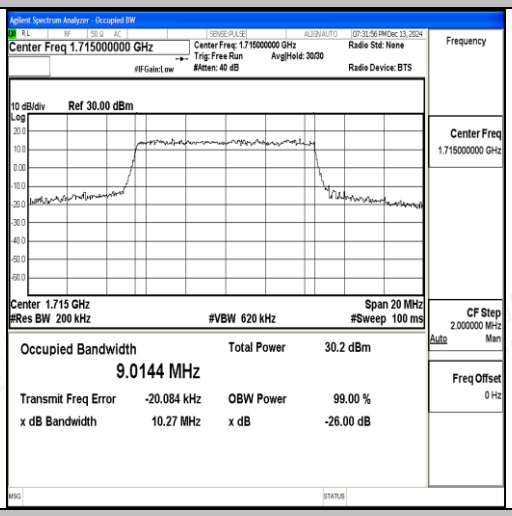
Band4-5MHz-QPSK-20375-25RB#0-PASS



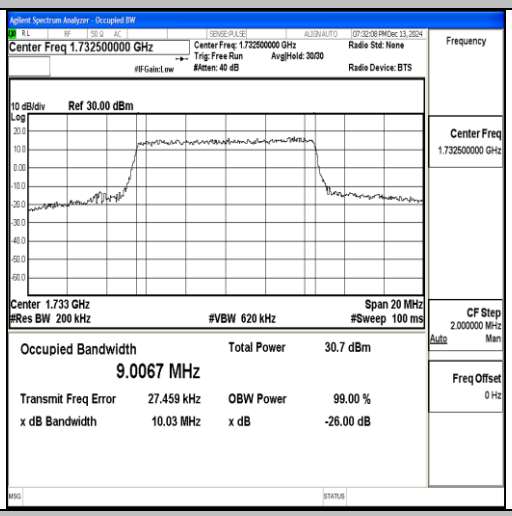
Band4-5MHz-16QAM-20375-25RB#0-PASS



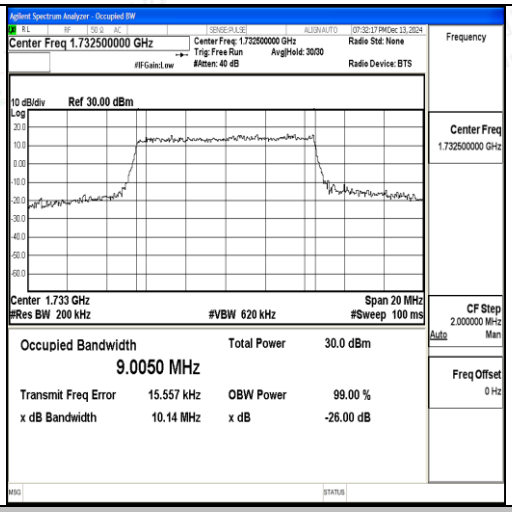
Band4-10MHz-QPSK-20000-50RB#0-PASS



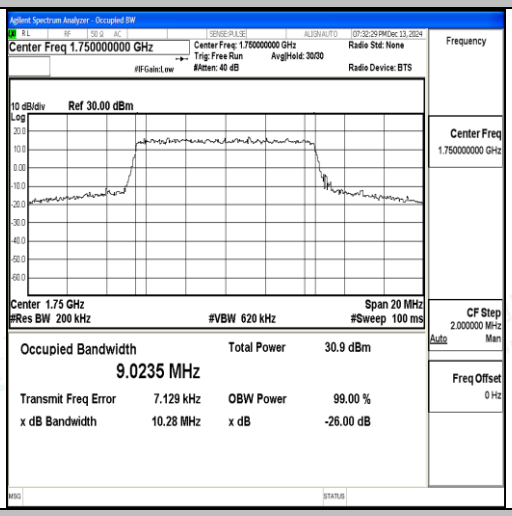
Band4-10MHz-16QAM-20000-50RB#0-PASS



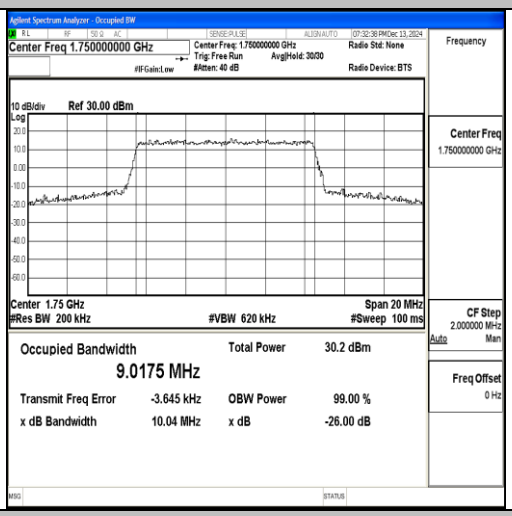
Band4-10MHz-QPSK-20175-50RB#0-PASS



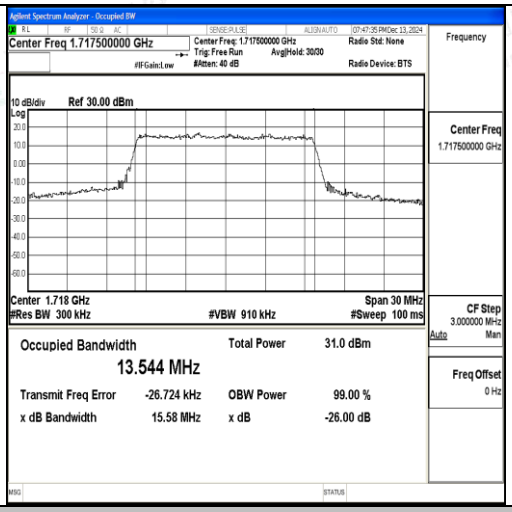
Band4-10MHz-16QAM-20175-50RB#0-PASS



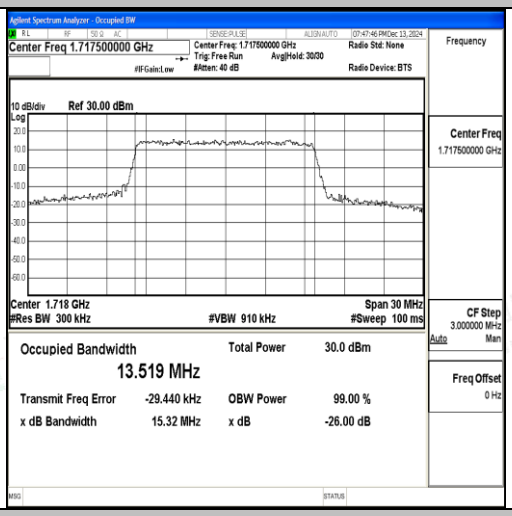
Band4-10MHz-QPSK-20350-50RB#0-PASS



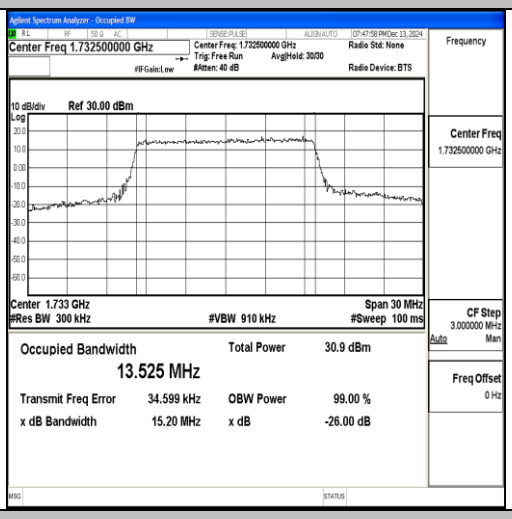
Band4-10MHz-16QAM-20350-50RB#0-PASS



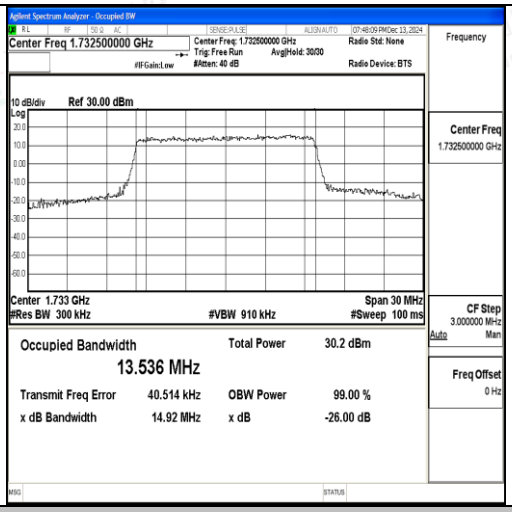
Band4-15MHz-QPSK-20025-75RB#0-PASS



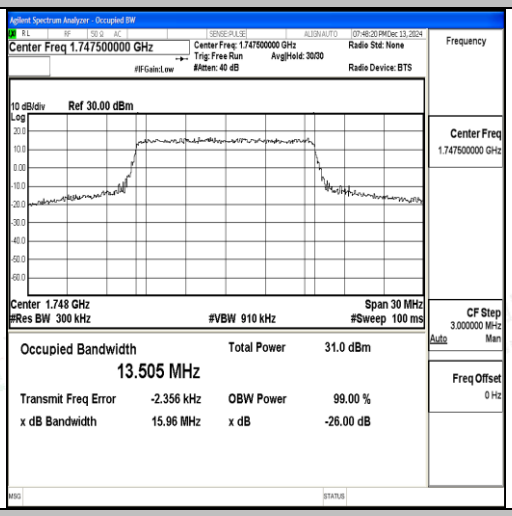
Band4-15MHz-16QAM-20025-75RB#0-PASS



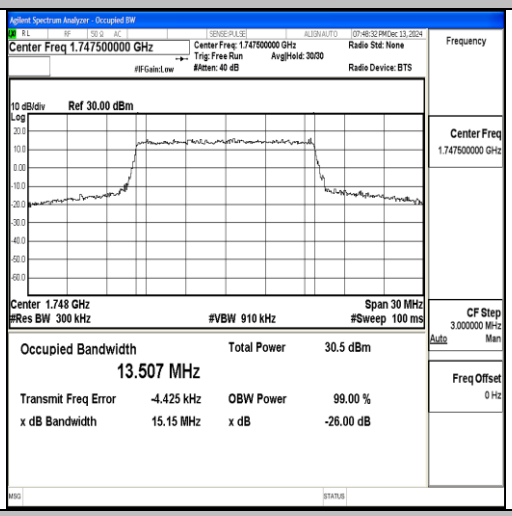
Band4-15MHz-QPSK-20175-75RB#0-PASS



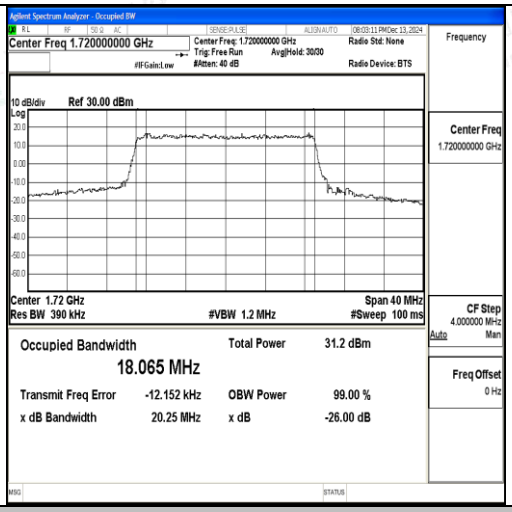
Band4-15MHz-16QAM-20175-75RB#0-PASS



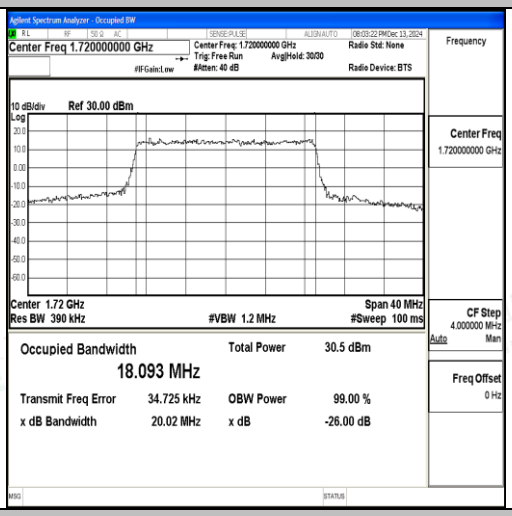
Band4-15MHz-QPSK-20325-75RB#0-PASS



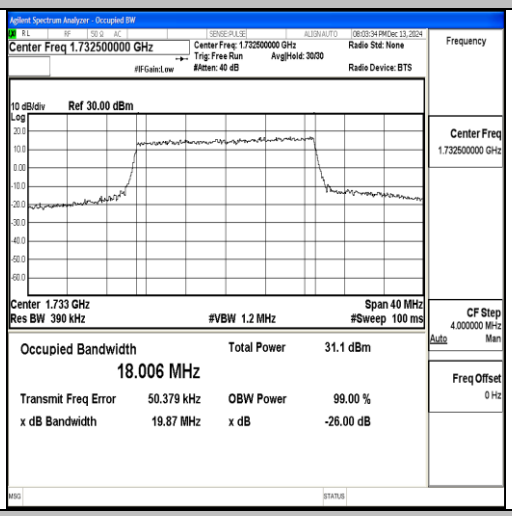
Band4-15MHz-16QAM-20325-75RB#0-PASS



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



Band4-20MHz-16QAM-20050-100RB#0-PASS



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