

LTE Test Data

General Description of EUT	
Product Name:	GPS Tracker
Test Model:	C003
Sample ID:	HC-C-202510-0290-01-01#
Environmental Conditions	
Temperature:	22.0℃-25℃
Relative Humidity:	43%-55%
Test Voltage:	DC 12V
Test Engineer:	Gold Zhang
Note: For a more detailed features description, please refer to the report TBR-C-202510-0290-11 The report only show the worst case data.	

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1: Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Limit(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	21.26	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.06	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.12	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.10	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.05	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	20.95	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.10	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.97	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.91	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.07	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.82	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.81	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.03	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.71	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.98	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.68	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.62	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.82	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.72	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.63	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.76	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.04	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.39	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.09	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.05	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.07	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	19.87	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.04	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.47	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	20.71	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.63	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.47	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.63	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.57	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.81	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.92	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.87	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.61	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.67	30	PASS

Band4	1.4MHz	16QAM	20393	3RB#1	20.74	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.50	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.96	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	20.70	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	20.49	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	20.28	30	PASS
Band4	3MHz	QPSK	19965	8RB#0	19.72	30	PASS
Band4	3MHz	QPSK	19965	8RB#4	19.58	30	PASS
Band4	3MHz	QPSK	19965	8RB#7	19.51	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	19.62	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.81	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.06	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.36	30	PASS
Band4	3MHz	QPSK	20175	8RB#0	20.54	30	PASS
Band4	3MHz	QPSK	20175	8RB#4	20.76	30	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.89	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.68	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.22	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.80	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.47	30	PASS
Band4	3MHz	QPSK	20385	8RB#0	20.94	30	PASS
Band4	3MHz	QPSK	20385	8RB#4	20.83	30	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.70	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.84	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	19.80	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	19.62	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	19.35	30	PASS
Band4	3MHz	16QAM	19965	8RB#0	18.88	30	PASS
Band4	3MHz	16QAM	19965	8RB#4	18.71	30	PASS
Band4	3MHz	16QAM	19965	8RB#7	18.63	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	18.72	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	20.33	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.94	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	20.89	30	PASS
Band4	3MHz	16QAM	20175	8RB#0	19.71	30	PASS
Band4	3MHz	16QAM	20175	8RB#4	19.79	30	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.01	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	19.73	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.82	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.78	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.30	30	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.16	30	PASS
Band4	3MHz	16QAM	20385	8RB#4	19.94	30	PASS
Band4	3MHz	16QAM	20385	8RB#7	19.84	30	PASS

Band4	3MHz	16QAM	20385	15RB#0	19.94	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.43	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	20.99	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	20.60	30	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.20	30	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.04	30	PASS
Band4	5MHz	QPSK	19975	12RB#13	19.73	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	19.95	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	20.84	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	20.93	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.55	30	PASS
Band4	5MHz	QPSK	20175	12RB#0	19.71	30	PASS
Band4	5MHz	QPSK	20175	12RB#6	20.00	30	PASS
Band4	5MHz	QPSK	20175	12RB#13	20.21	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	19.93	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.40	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.00	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.56	30	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.12	30	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.06	30	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.74	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.95	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.44	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	19.93	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	19.59	30	PASS
Band4	5MHz	16QAM	19975	12RB#0	19.37	30	PASS
Band4	5MHz	16QAM	19975	12RB#6	19.27	30	PASS
Band4	5MHz	16QAM	19975	12RB#13	18.91	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.19	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	19.57	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	19.94	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.52	30	PASS
Band4	5MHz	16QAM	20175	12RB#0	18.82	30	PASS
Band4	5MHz	16QAM	20175	12RB#6	19.09	30	PASS
Band4	5MHz	16QAM	20175	12RB#13	19.23	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	19.02	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.43	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.15	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.69	30	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.40	30	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.27	30	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.93	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.04	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.37	30	PASS

Band4	10MHz	QPSK	20000	1RB#24	20.40	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	19.56	30	PASS
Band4	10MHz	QPSK	20000	25RB#0	19.62	30	PASS
Band4	10MHz	QPSK	20000	25RB#12	19.30	30	PASS
Band4	10MHz	QPSK	20000	25RB#25	18.69	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	19.25	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	20.14	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	20.89	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.01	30	PASS
Band4	10MHz	QPSK	20175	25RB#0	19.33	30	PASS
Band4	10MHz	QPSK	20175	25RB#12	19.83	30	PASS
Band4	10MHz	QPSK	20175	25RB#25	20.23	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	19.80	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.34	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.23	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.59	30	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.20	30	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.23	30	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.87	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.00	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.36	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	19.35	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	18.56	30	PASS
Band4	10MHz	16QAM	20000	25RB#0	18.88	30	PASS
Band4	10MHz	16QAM	20000	25RB#12	18.58	30	PASS
Band4	10MHz	16QAM	20000	25RB#25	17.97	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	18.98	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	20.00	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.90	30	PASS
Band4	10MHz	16QAM	20175	25RB#0	18.50	30	PASS
Band4	10MHz	16QAM	20175	25RB#12	18.93	30	PASS
Band4	10MHz	16QAM	20175	25RB#25	19.31	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.13	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.26	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.43	30	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.31	30	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.33	30	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.02	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.41	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	19.91	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	19.75	30	PASS
Band4	15MHz	QPSK	20025	36RB#0	19.61	30	PASS
Band4	15MHz	QPSK	20025	36RB#18	19.09	30	PASS
Band4	15MHz	QPSK	20025	36RB#39	18.42	30	PASS

Band4	15MHz	QPSK	20025	75RB#0	18.92	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	19.80	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.08	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.54	30	PASS
Band4	15MHz	QPSK	20175	36RB#0	19.34	30	PASS
Band4	15MHz	QPSK	20175	36RB#18	19.91	30	PASS
Band4	15MHz	QPSK	20175	36RB#39	20.77	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.02	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.95	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.41	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.71	30	PASS
Band4	15MHz	QPSK	20325	36RB#0	22.12	30	PASS
Band4	15MHz	QPSK	20325	36RB#18	22.36	30	PASS
Band4	15MHz	QPSK	20325	36RB#39	22.08	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.12	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.38	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	18.85	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	18.76	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	18.92	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	20.11	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.81	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.76	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.48	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.57	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.17	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	19.50	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	20.27	30	PASS
Band4	20MHz	QPSK	20050	50RB#0	19.14	30	PASS
Band4	20MHz	QPSK	20050	50RB#25	18.43	30	PASS
Band4	20MHz	QPSK	20050	50RB#50	18.64	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.40	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	19.54	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	21.14	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.96	30	PASS
Band4	20MHz	QPSK	20175	50RB#0	19.09	30	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.02	30	PASS
Band4	20MHz	QPSK	20175	50RB#50	20.89	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.01	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.77	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.40	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.52	30	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.72	30	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.14	30	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.04	30	PASS

Band4	20MHz	QPSK	20300	100RB#0	21.94	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.08	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	18.34	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	19.23	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	18.63	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	20.13	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.22	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.62	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.27	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.51	30	PASS

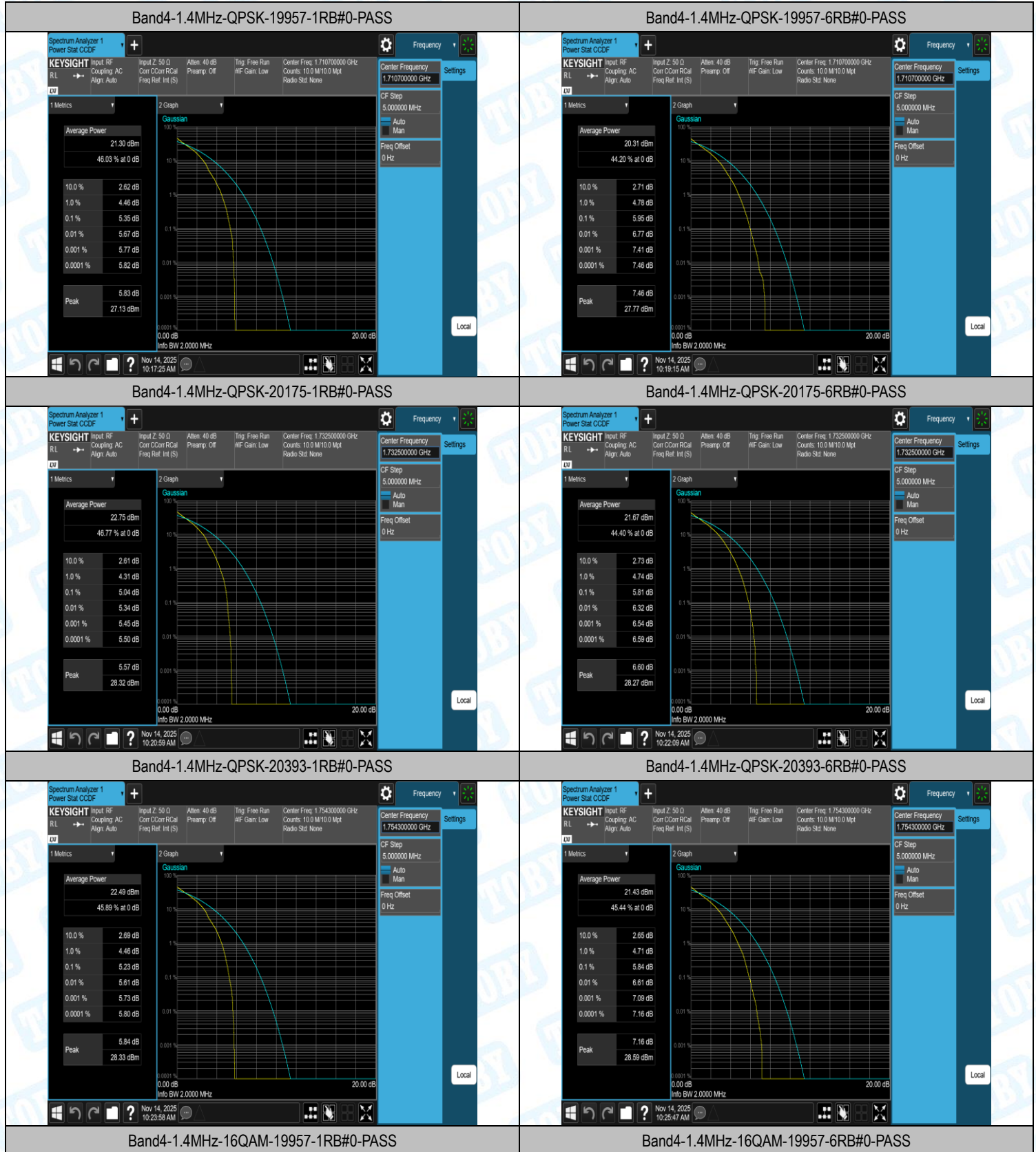
2: Peak-to-Average Ratio(CCDF)

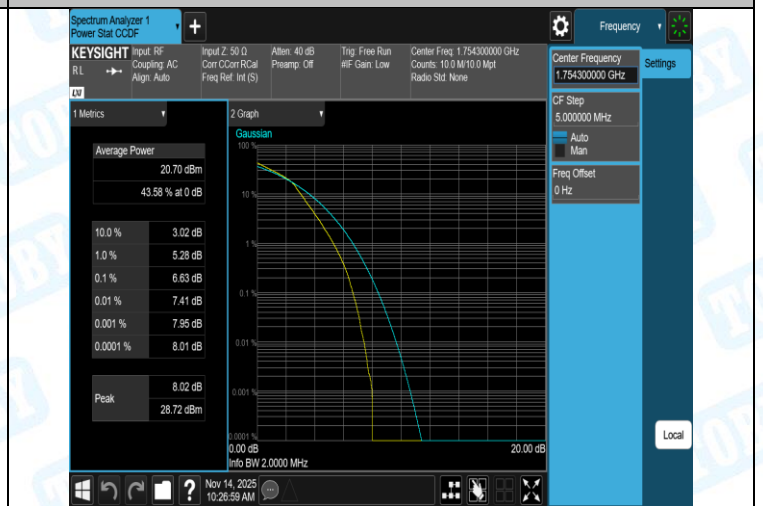
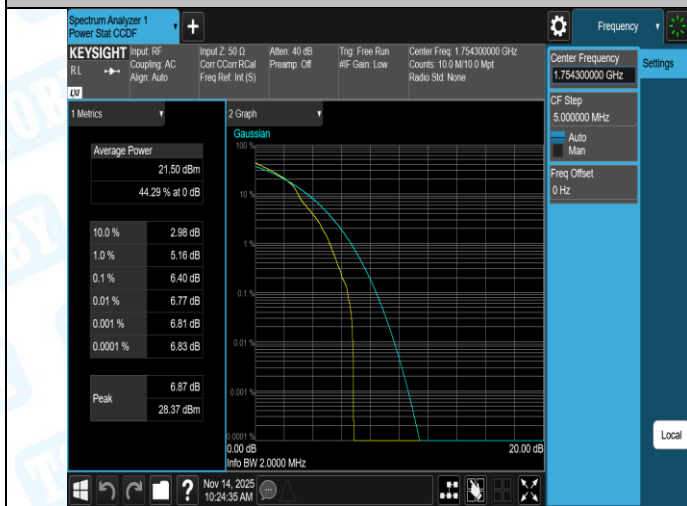
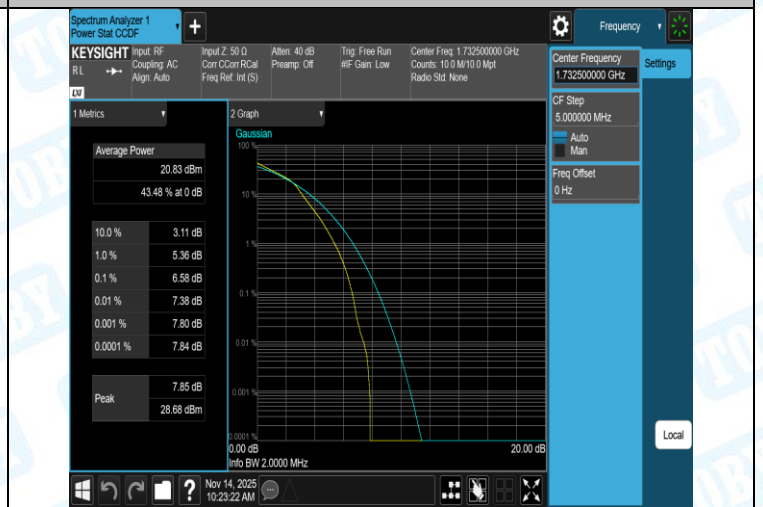
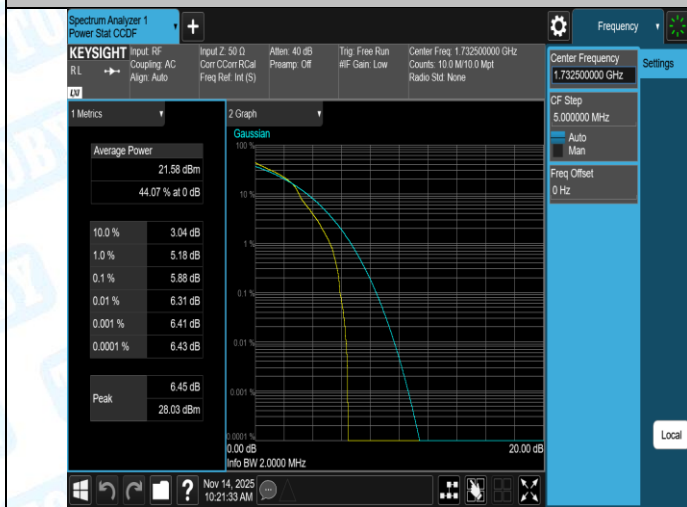
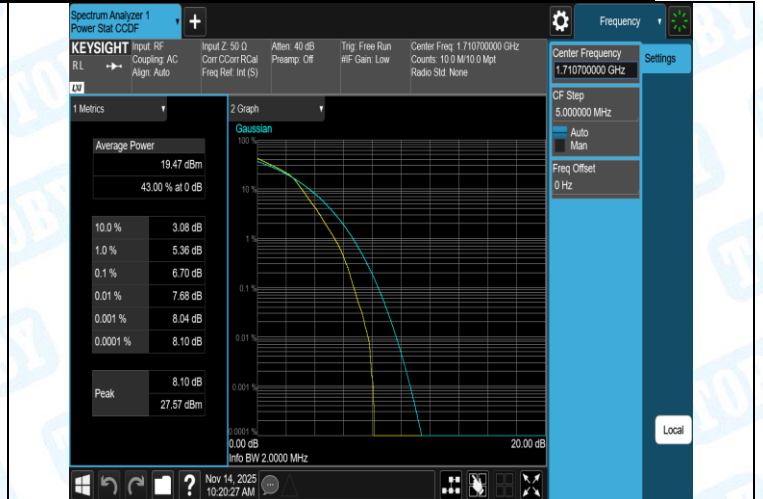
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	5.35	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.95	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	5.04	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.81	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	5.23	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.84	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	6.29	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.70	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.88	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.58	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	6.40	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.63	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	5.39	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.93	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.75	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	6.04	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	5.23	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.78	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	6.23	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.72	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	6.34	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.79	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	6.06	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.57	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.21	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	6.00	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.88	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	6.03	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	5.09	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.75	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.84	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.70	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	6.30	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.70	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.63	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.42	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	5.32	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.93	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.80	13	PASS

Band4	10MHz	QPSK	20175	50RB#0	5.90	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.93	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.61	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	6.19	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	6.45	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.77	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	5.38	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	6.35	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	5.98	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	6.23	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	5.07	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.85	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	6.28	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	6.74	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.90	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.49	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	6.01	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	6.07	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.86	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	5.48	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.47	13	PASS

Test Graphs

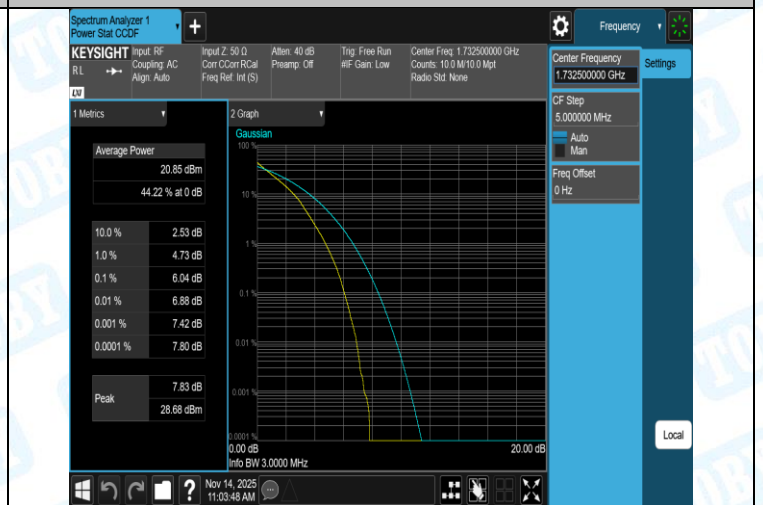
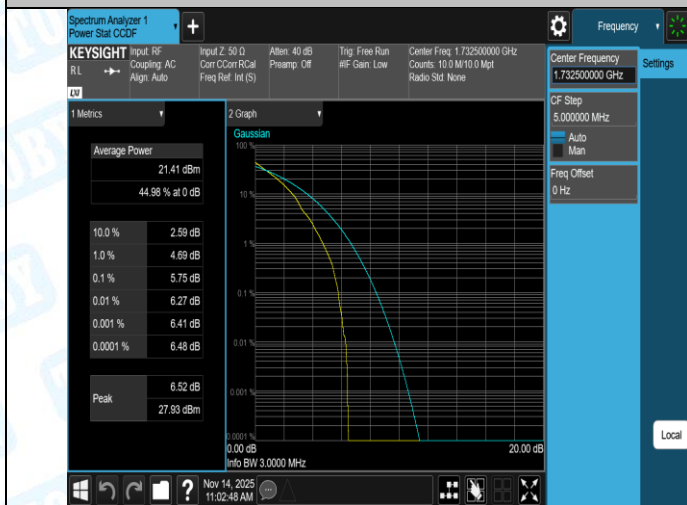






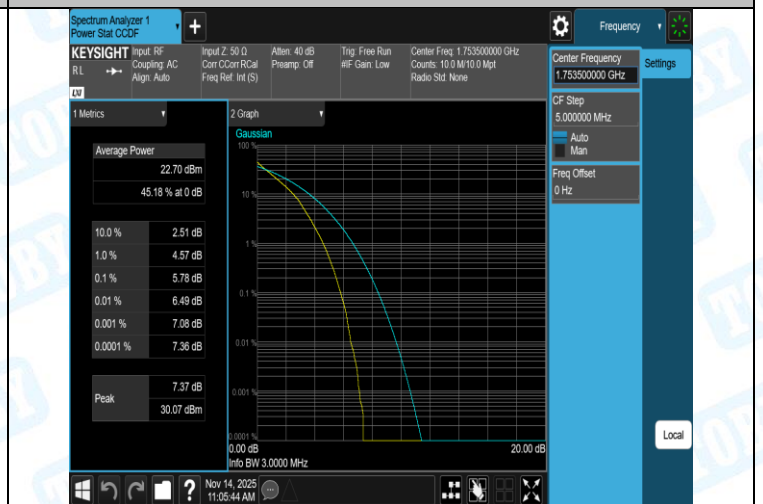
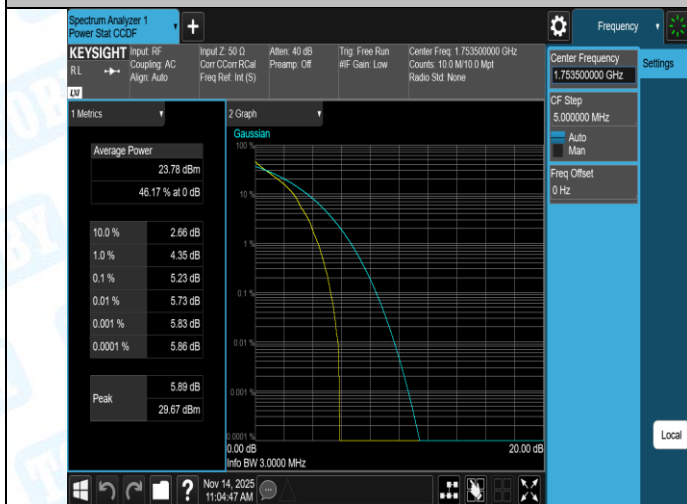
Band4-3MHz-QPSK-20175-1RB#0-PASS

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



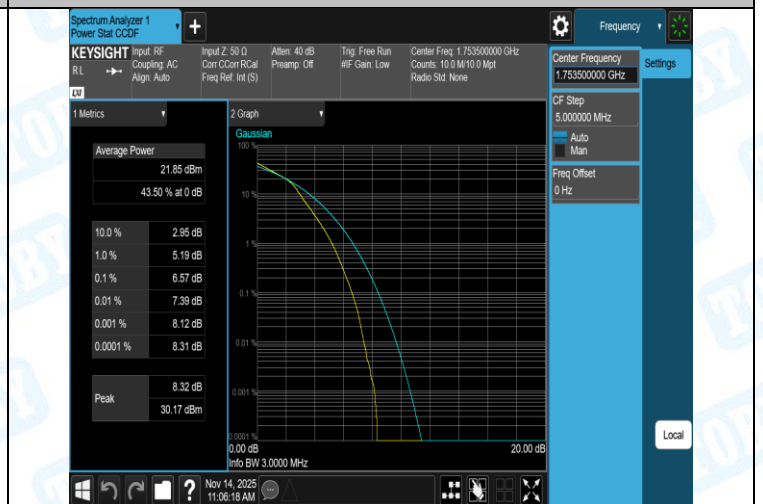
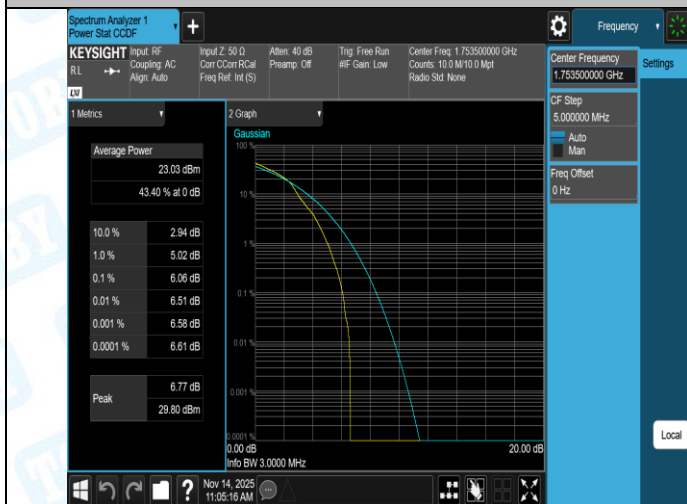
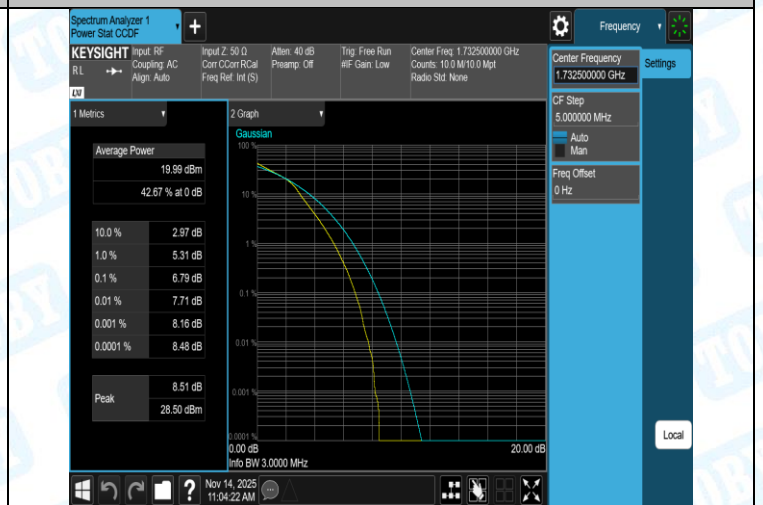
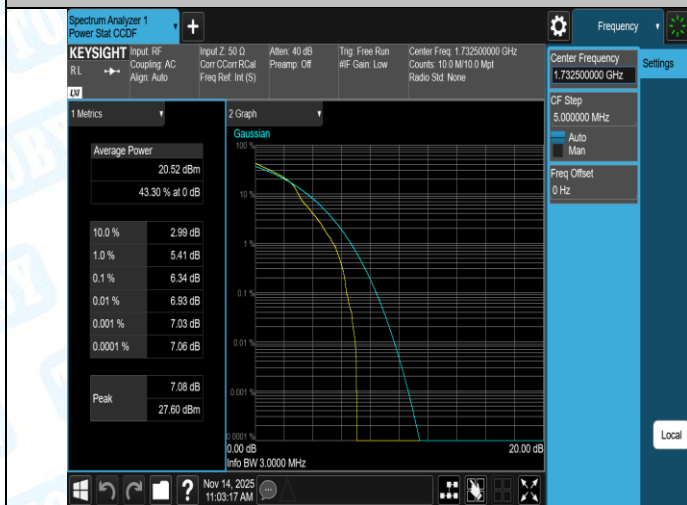
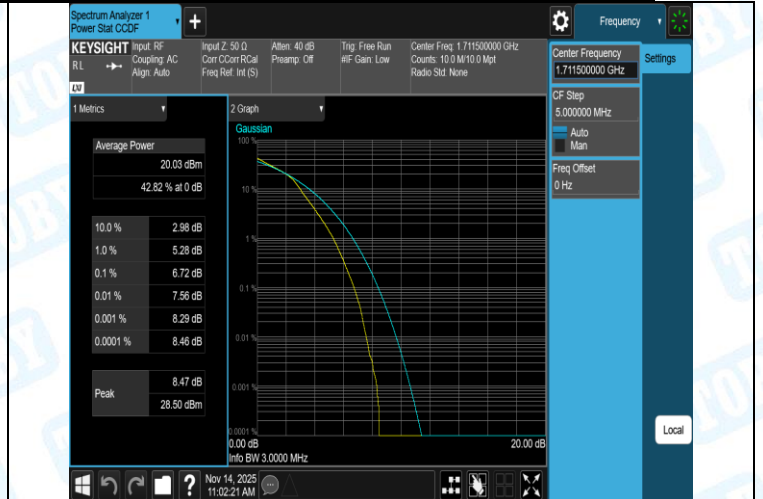
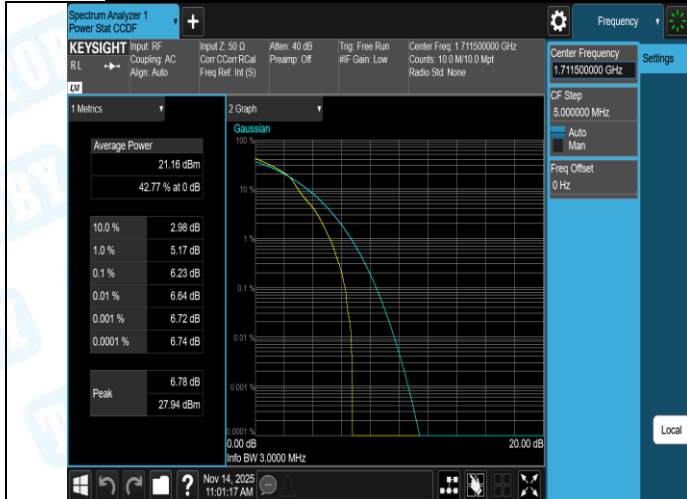
Band4-3MHz-QPSK-20385-1RB#0-PASS

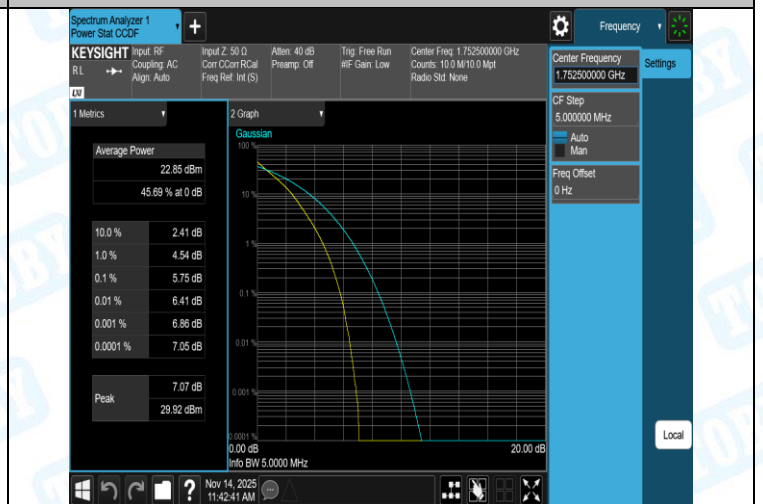
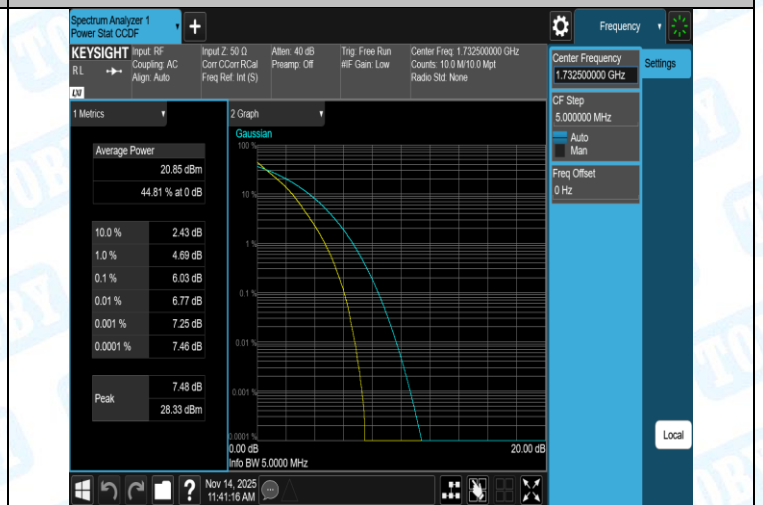
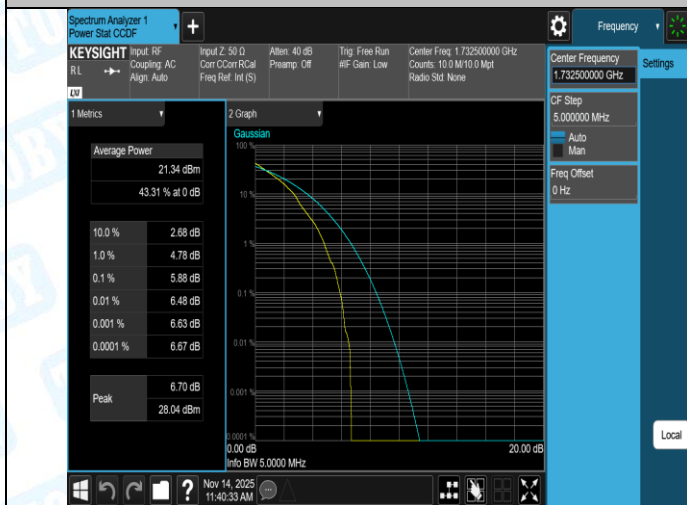
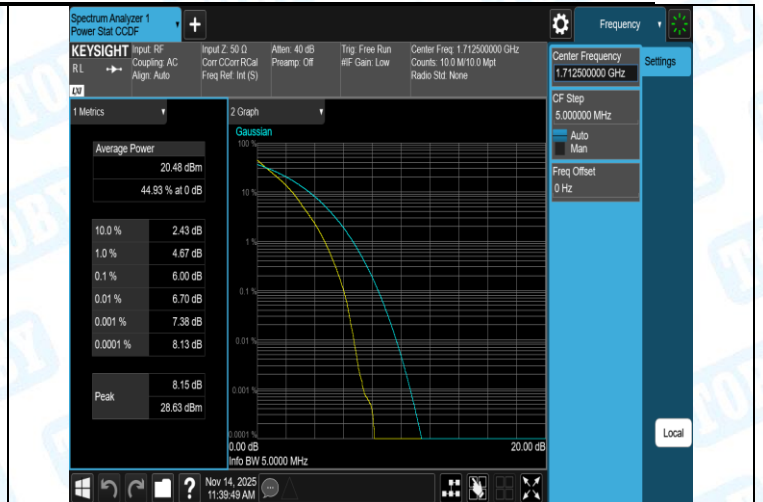
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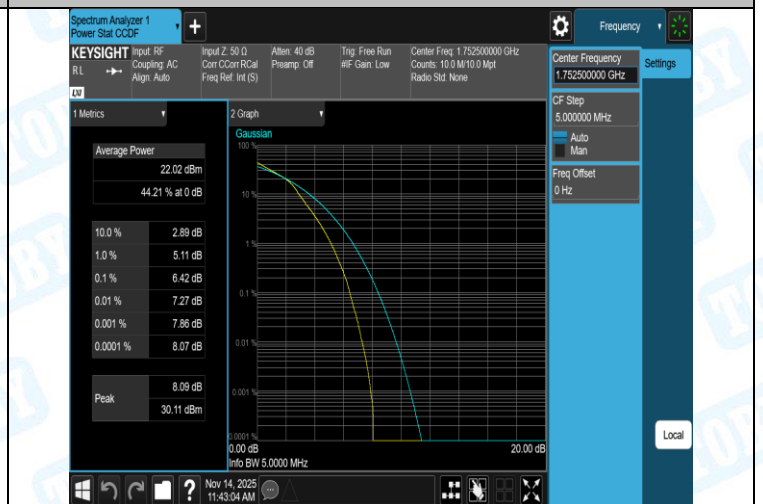
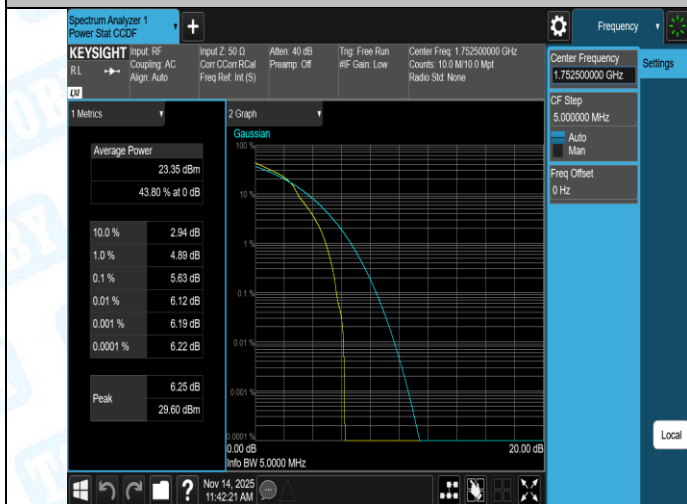
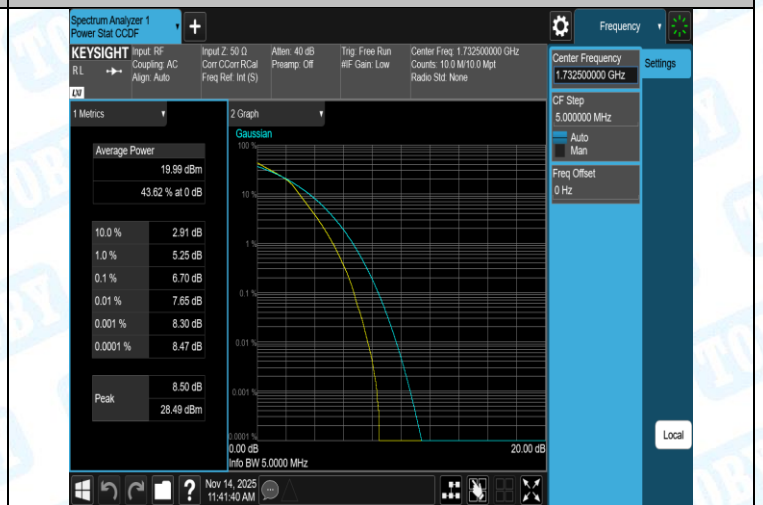
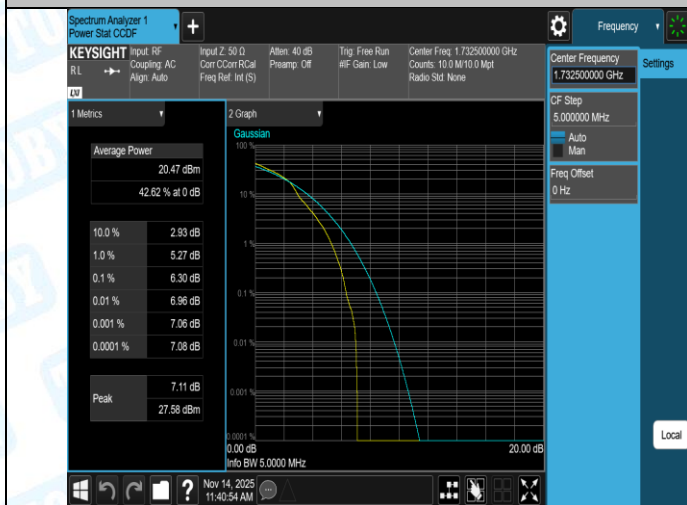
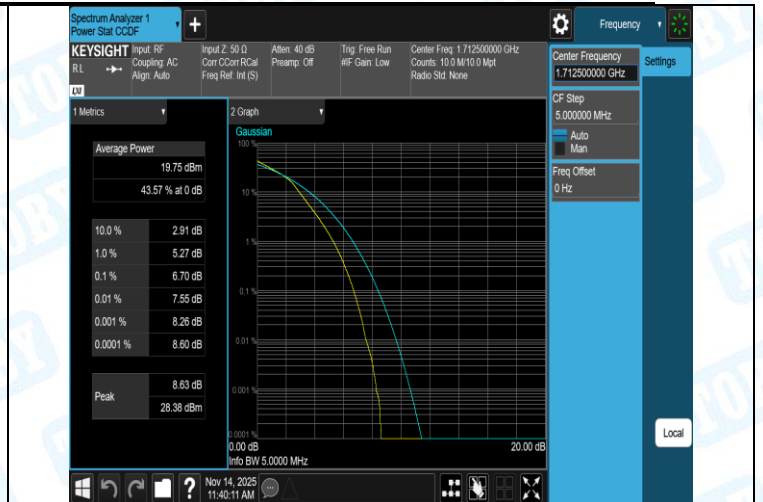
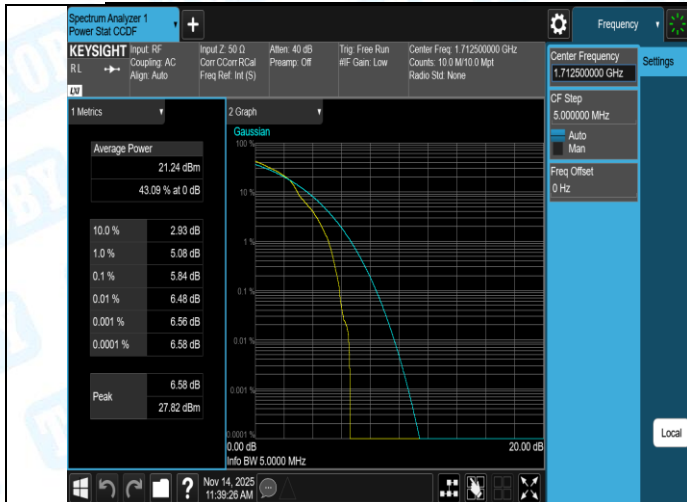


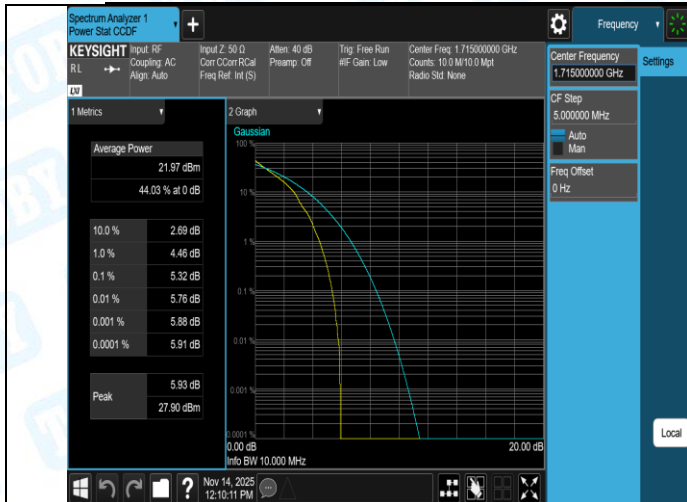
Band4-3MHz-16QAM-19965-1RB#0-PASS

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

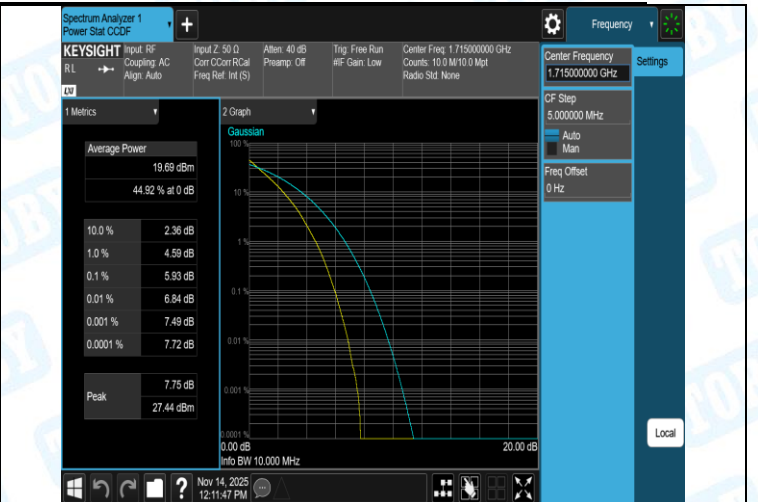




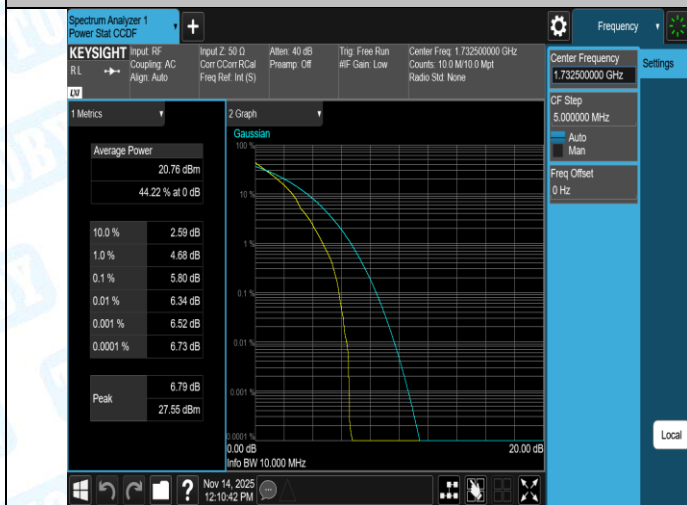




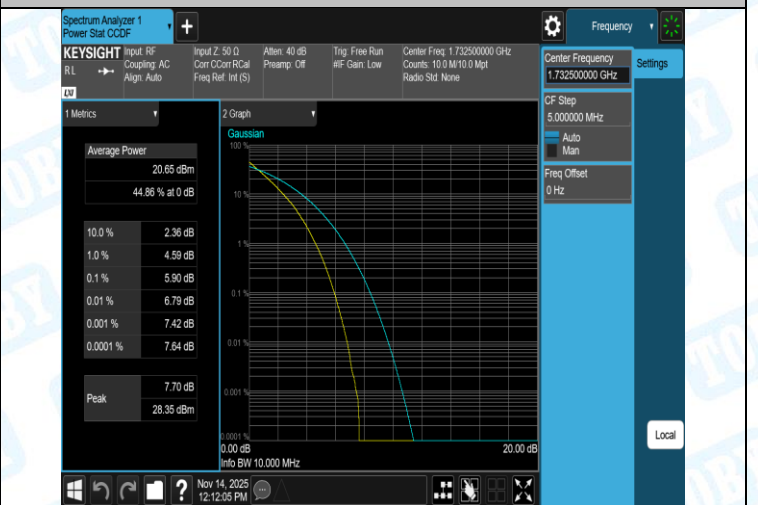
Band4-10MHz-QPSK-20175-1RB#0-PASS



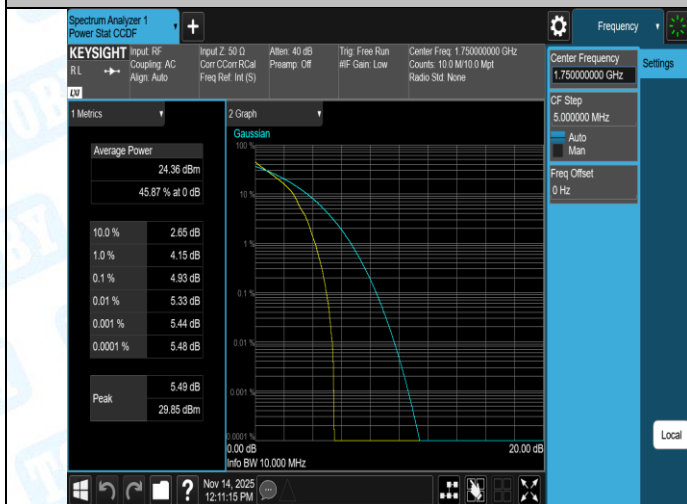
Band4-10MHz-QPSK-20175-50RB#0-PASS



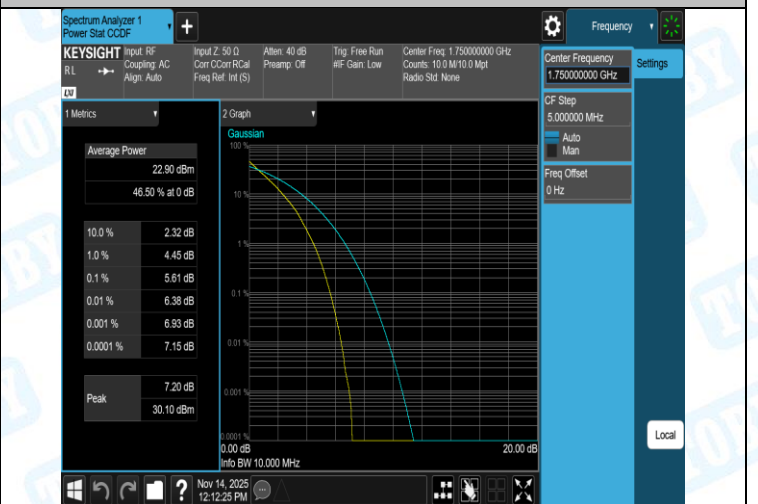
Band4-10MHz-QPSK-20350-1RB#0-PASS



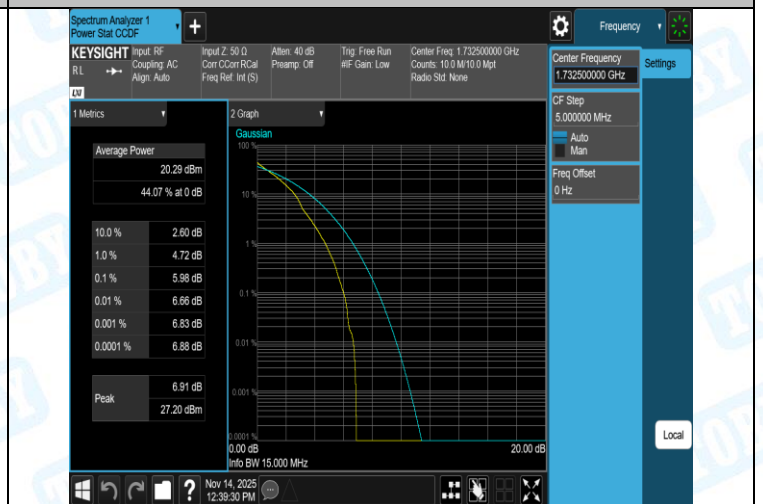
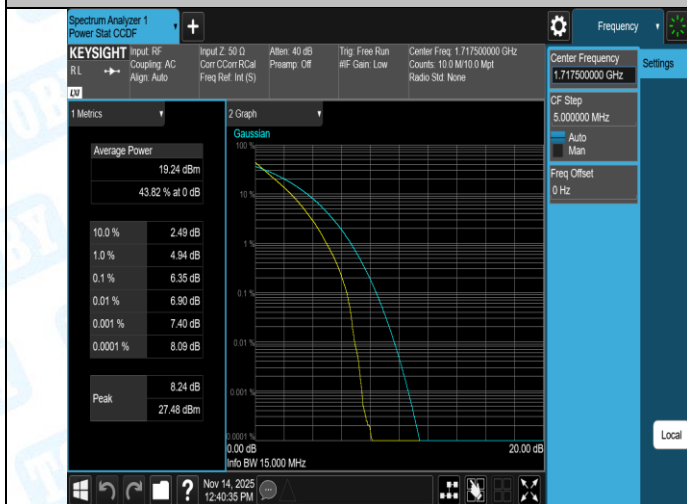
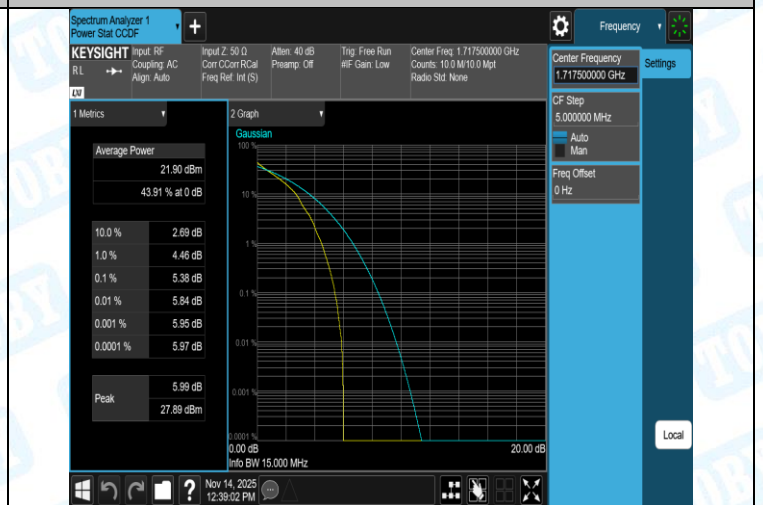
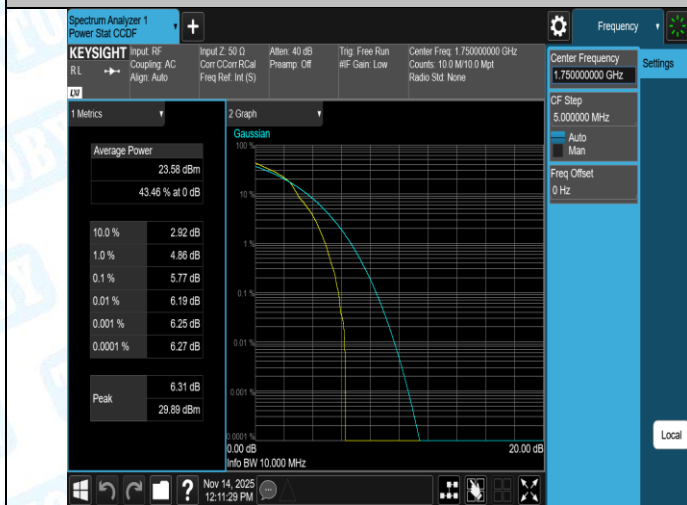
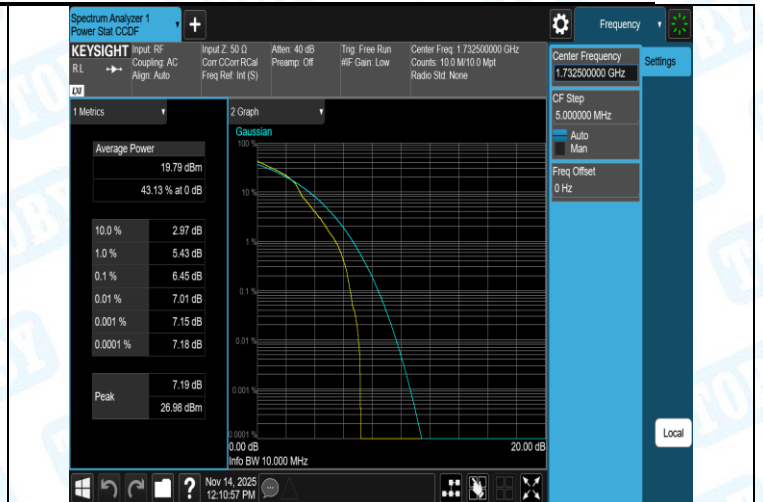
Band4-10MHz-QPSK-20350-50RB#0-PASS

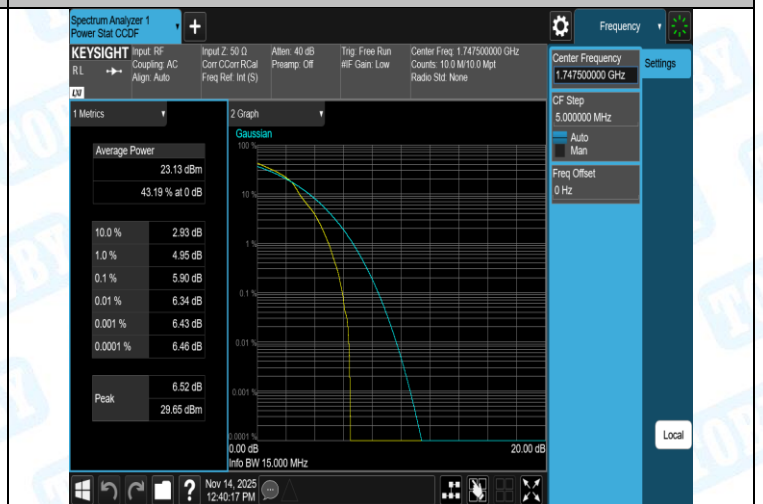
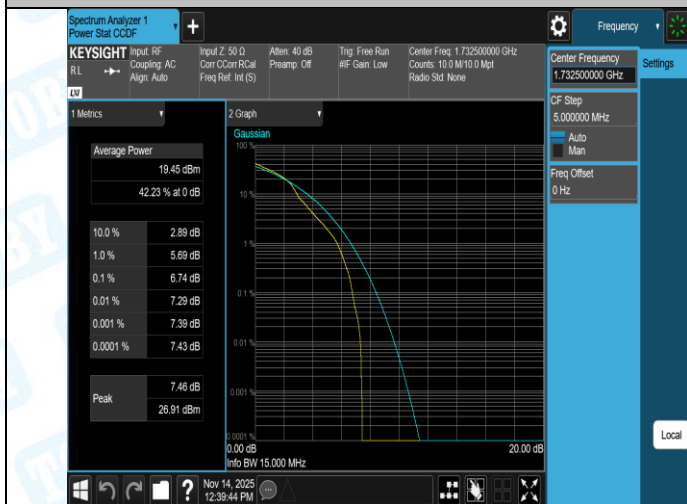
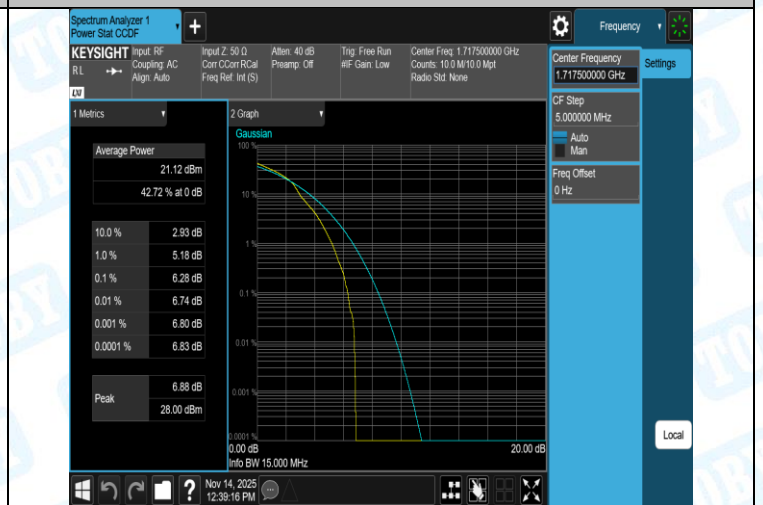
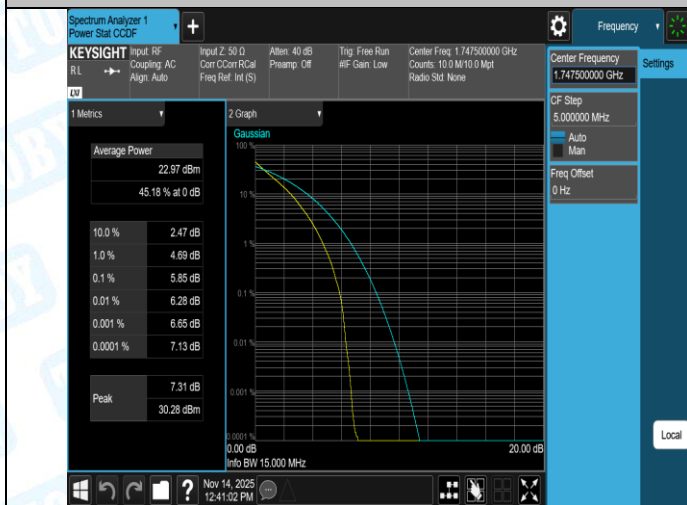
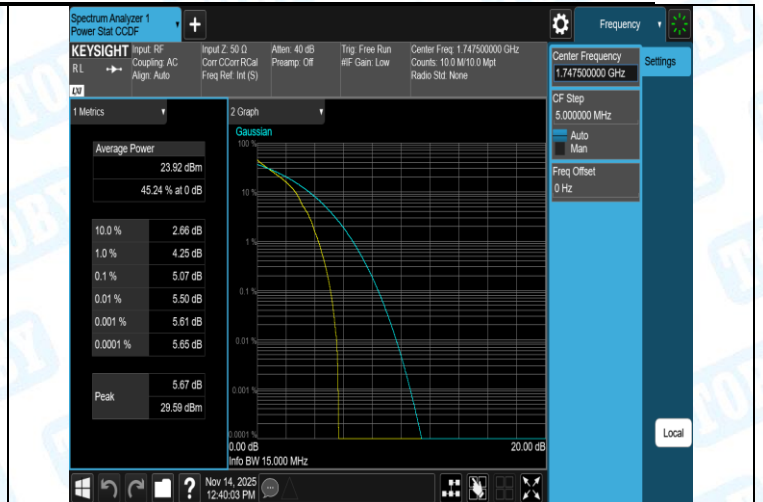


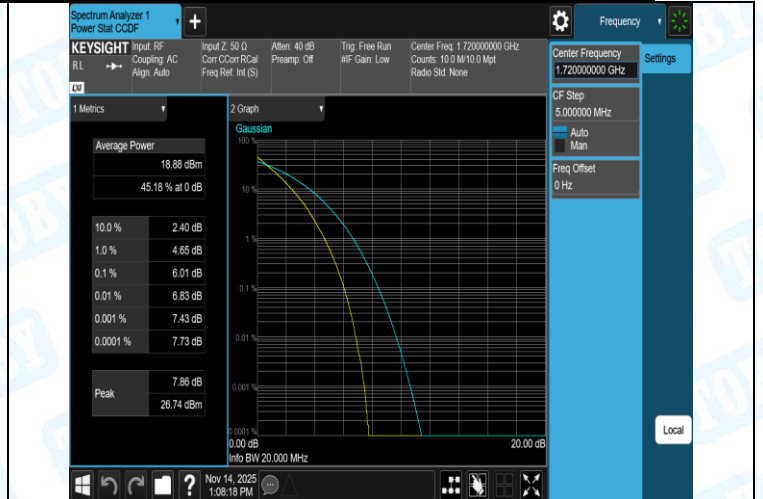
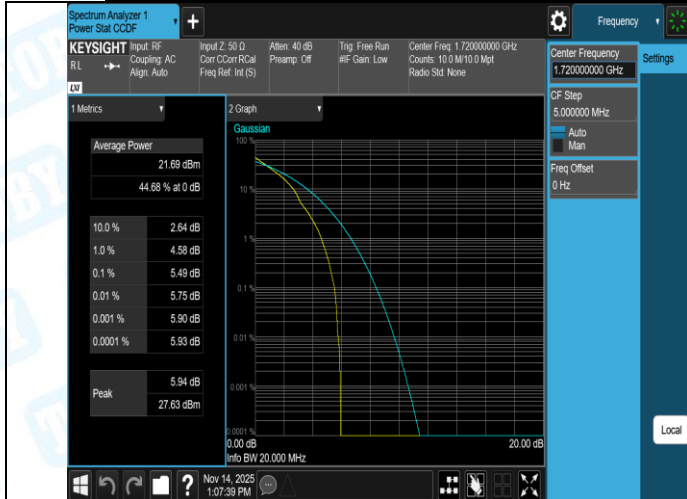
Band4-10MHz-16QAM-20000-1RB#0-PASS



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

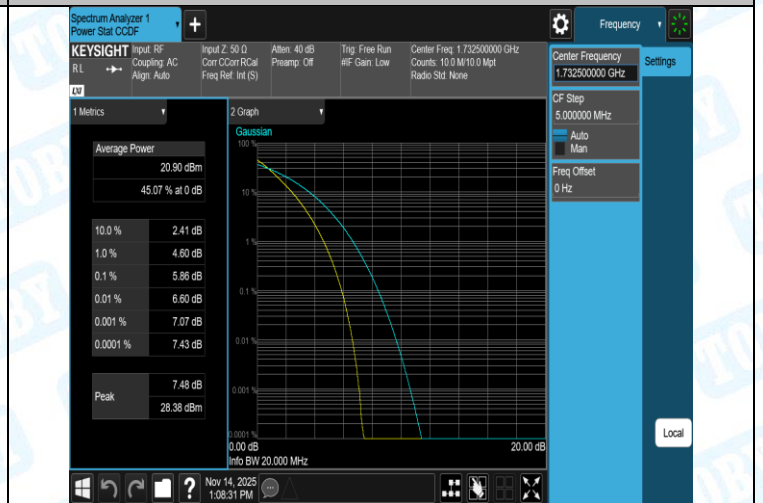






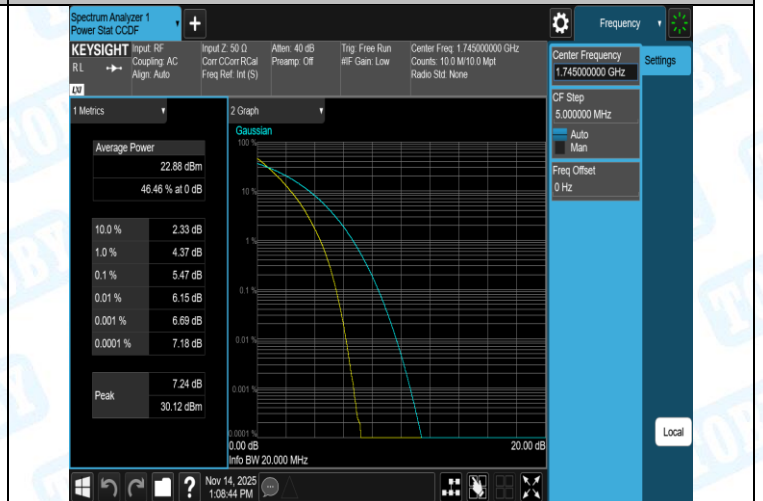
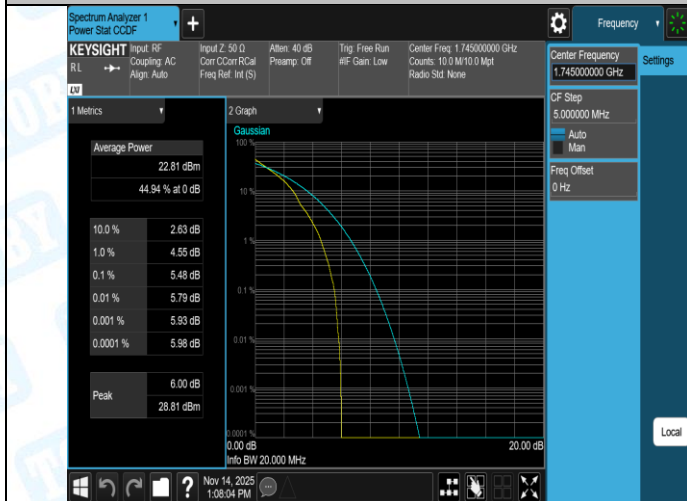
Band4-20MHz-QPSK-20175-1RB#0-PASS

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



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

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

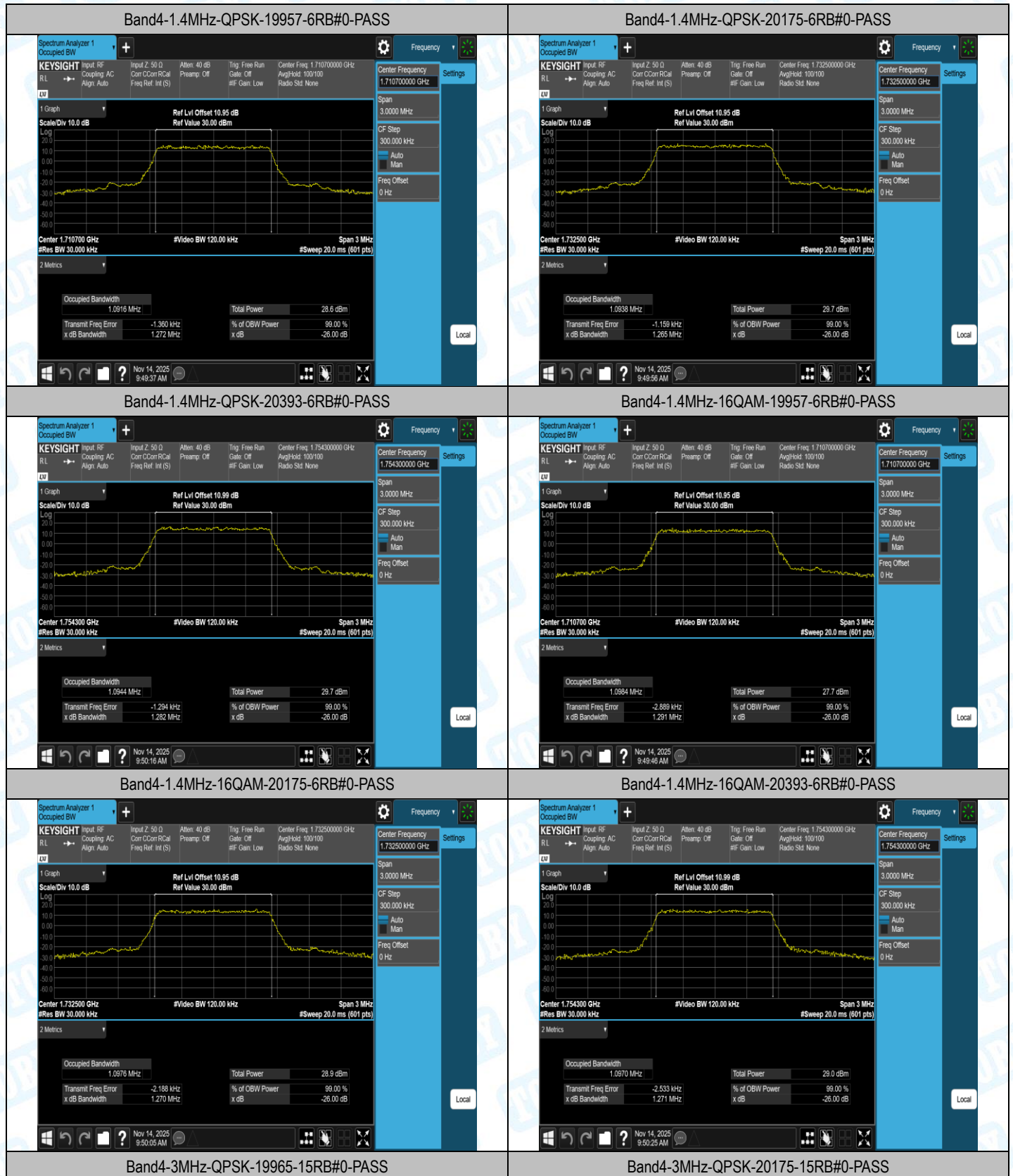


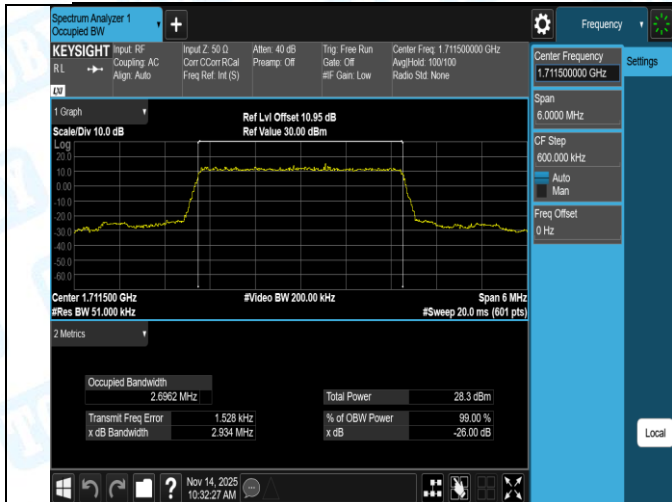
3: 26dB Bandwidth and Occupied Bandwidth

Test Result

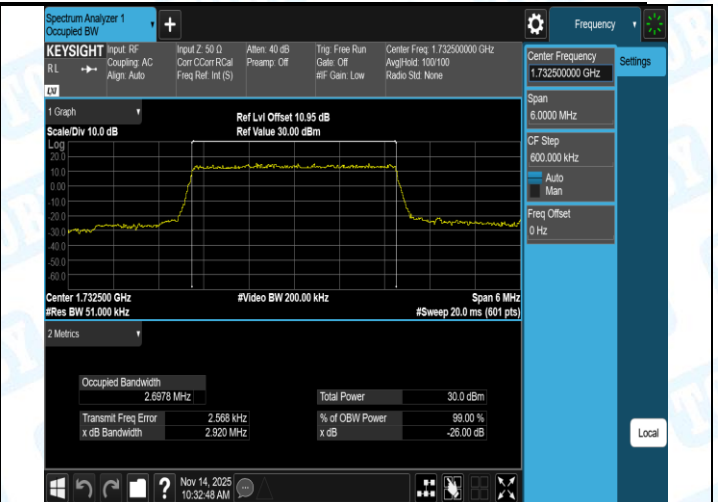
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0916	1.272	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0938	1.265	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0944	1.282	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0984	1.291	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0976	1.270	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0970	1.271	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6962	2.934	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6978	2.920	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6953	2.918	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6891	2.937	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6937	2.934	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6857	2.925	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5026	4.970	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4913	4.932	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4955	4.949	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4987	4.927	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4986	4.969	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5002	4.900	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9737	9.802	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9640	9.768	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9488	9.758	PASS
Band4	10MHz	16QAM	20000	27RB#0	4.9340	5.632	PASS
Band4	10MHz	16QAM	20175	27RB#0	4.9634	5.664	PASS
Band4	10MHz	16QAM	20350	27RB#0	4.9534	5.687	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.464	14.64	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.462	14.49	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.429	14.53	PASS
Band4	15MHz	16QAM	20025	27RB#0	5.0743	5.967	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.0523	5.898	PASS
Band4	15MHz	16QAM	20325	27RB#0	5.0669	5.901	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.935	19.15	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.927	19.21	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.875	19.19	PASS
Band4	20MHz	16QAM	20050	27RB#0	5.1213	6.045	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.1641	6.037	PASS
Band4	20MHz	16QAM	20300	27RB#0	5.1590	6.118	PASS

Test Graphs





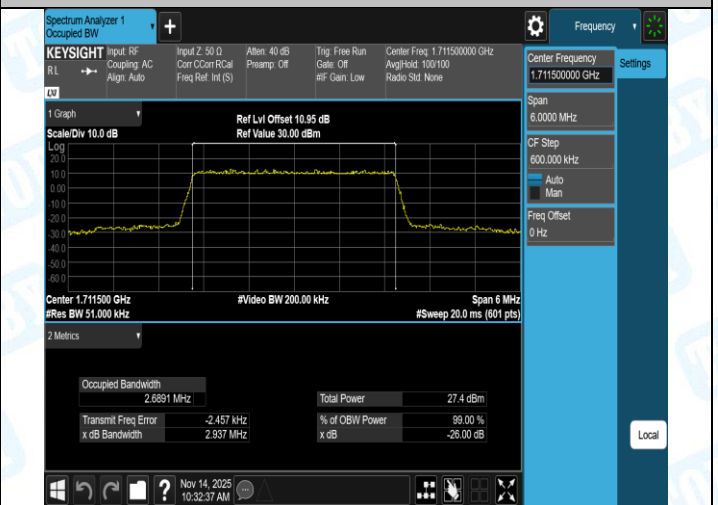
Band4-3MHz-QPSK-20385-15RB#0-PASS



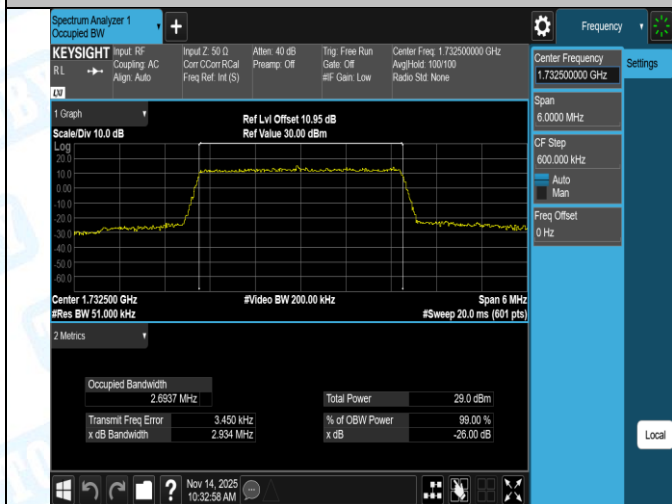
Band4-3MHz-16QAM-19965-15RB#0-PASS



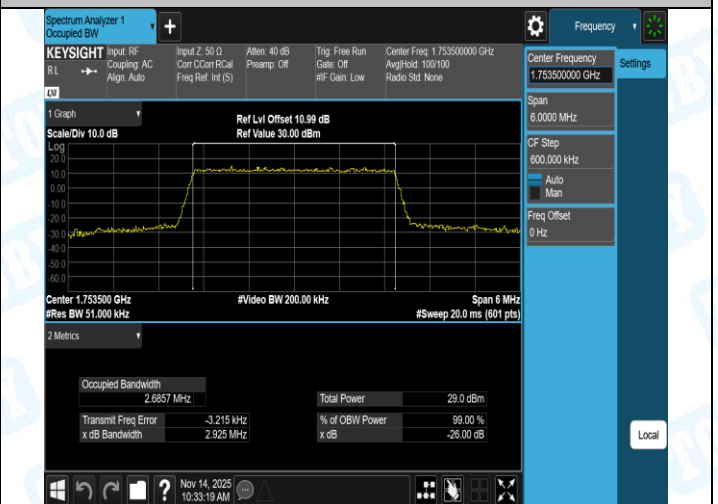
Band4-3MHz-16QAM-20175-15RB#0-PASS



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



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



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