



CTC Laboratories, Inc.

Room 101 Building B, No. 7, Lanqing 1st Road, Luhua Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755- 27521059 Fax: +86-755- 27521011 [Http://www.sz-ctc.org.cn](http://www.sz-ctc.org.cn)

Appendix for LTE Band 66

Applicant: UCLOUDLINK (SINGAPORE) PTE.LTD

Address: 80 ROBINSON ROAD #02-00 SINGAPORE

Product Name: Smart Travel Adapter

Model: GLMX23A04

FCC ID: 2BB6E-GLMX23A04

TABLE OF CONTENTS

1 Summary of Test Results Data and Graph..... 3

1.1. Appendix A: Conducted Power Output Data3

1.2. Appendix B: Peak-to-Average Ratio(CCDF)10

1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth36

1.4. Appendix D: Band Edge50

1.5. Appendix E: Conducted Spurious Emission.....77

1.6. Appendix F: Frequency Stability142

1 Summary of Test Results Data and Graph

1.1. Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.51	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.51	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.52	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.52	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.52	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.51	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	22.66	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	22.56	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	22.61	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	22.64	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	22.65	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.57	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.58	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.78	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.37	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.79	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.55	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.45	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.42	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.46	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	22.48	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.19	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	22.50	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	22.13	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	22.43	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	22.15	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.40	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.66	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.50	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	23.09	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.60	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	23.11	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.48	PASS

Band66	1.4MHz	16QAM	132665	1RB#5	23.03	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	22.58	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.37	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	22.56	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	22.37	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	22.59	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	22.40	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.54	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.82	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.38	PASS
Band66	3MHz	16QAM	131987	1RB#0	23.42	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.31	PASS
Band66	3MHz	16QAM	131987	1RB#8	23.43	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.30	PASS
Band66	3MHz	16QAM	131987	1RB#14	23.38	PASS
Band66	3MHz	QPSK	131987	8RB#0	23.39	PASS
Band66	3MHz	16QAM	131987	8RB#0	22.58	PASS
Band66	3MHz	QPSK	131987	8RB#4	23.42	PASS
Band66	3MHz	16QAM	131987	8RB#4	22.70	PASS
Band66	3MHz	QPSK	131987	8RB#7	23.48	PASS
Band66	3MHz	16QAM	131987	8RB#7	22.66	PASS
Band66	3MHz	QPSK	131987	15RB#0	23.42	PASS
Band66	3MHz	16QAM	131987	15RB#0	22.50	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.54	PASS
Band66	3MHz	16QAM	132322	1RB#0	23.55	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.53	PASS
Band66	3MHz	16QAM	132322	1RB#8	23.54	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.47	PASS
Band66	3MHz	16QAM	132322	1RB#14	23.49	PASS
Band66	3MHz	QPSK	132322	8RB#0	23.41	PASS
Band66	3MHz	16QAM	132322	8RB#0	22.61	PASS
Band66	3MHz	QPSK	132322	8RB#4	23.35	PASS
Band66	3MHz	16QAM	132322	8RB#4	22.61	PASS
Band66	3MHz	QPSK	132322	8RB#7	23.39	PASS
Band66	3MHz	16QAM	132322	8RB#7	22.73	PASS
Band66	3MHz	QPSK	132322	15RB#0	23.35	PASS
Band66	3MHz	16QAM	132322	15RB#0	22.43	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.13	PASS

Band66	3MHz	16QAM	132657	1RB#0	23.59	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.11	PASS
Band66	3MHz	16QAM	132657	1RB#8	23.12	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.83	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.54	PASS
Band66	3MHz	QPSK	132657	8RB#0	23.17	PASS
Band66	3MHz	16QAM	132657	8RB#0	22.40	PASS
Band66	3MHz	QPSK	132657	8RB#4	23.19	PASS
Band66	3MHz	16QAM	132657	8RB#4	22.35	PASS
Band66	3MHz	QPSK	132657	8RB#7	23.07	PASS
Band66	3MHz	16QAM	132657	8RB#7	22.40	PASS
Band66	3MHz	QPSK	132657	15RB#0	23.14	PASS
Band66	3MHz	16QAM	132657	15RB#0	22.28	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.12	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.47	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.05	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.46	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.08	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.53	PASS
Band66	5MHz	QPSK	131997	12RB#0	23.08	PASS
Band66	5MHz	16QAM	131997	12RB#0	22.14	PASS
Band66	5MHz	QPSK	131997	12RB#6	23.09	PASS
Band66	5MHz	16QAM	131997	12RB#6	22.12	PASS
Band66	5MHz	QPSK	131997	12RB#13	23.05	PASS
Band66	5MHz	16QAM	131997	12RB#13	22.13	PASS
Band66	5MHz	QPSK	131997	25RB#0	23.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	22.12	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.22	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.80	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.06	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.86	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.15	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.78	PASS
Band66	5MHz	QPSK	132322	12RB#0	23.13	PASS
Band66	5MHz	16QAM	132322	12RB#0	22.10	PASS
Band66	5MHz	QPSK	132322	12RB#6	23.10	PASS
Band66	5MHz	16QAM	132322	12RB#6	22.05	PASS
Band66	5MHz	QPSK	132322	12RB#13	23.02	PASS

Band66	5MHz	16QAM	132322	12RB#13	21.97	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.97	PASS
Band66	5MHz	16QAM	132322	25RB#0	22.02	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.04	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.77	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.05	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.77	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.82	PASS
Band66	5MHz	QPSK	132647	12RB#0	23.01	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.91	PASS
Band66	5MHz	QPSK	132647	12RB#6	22.93	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.91	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.98	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.95	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.90	PASS
Band66	5MHz	16QAM	132647	25RB#0	22.02	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.98	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.68	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.95	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.70	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.92	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.71	PASS
Band66	10MHz	QPSK	132022	25RB#0	22.95	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.90	PASS
Band66	10MHz	QPSK	132022	25RB#12	22.96	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.90	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.86	PASS
Band66	10MHz	16QAM	132022	25RB#25	21.98	PASS
Band66	10MHz	QPSK	132022	50RB#0	23.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	22.01	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.96	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.43	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.90	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.42	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.86	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.34	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.99	PASS

Band66	10MHz	16QAM	132322	25RB#0	22.01	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.89	PASS
Band66	10MHz	16QAM	132322	25RB#12	22.03	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.88	PASS
Band66	10MHz	16QAM	132322	25RB#25	22.02	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.84	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.88	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.82	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.61	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.75	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.55	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.80	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.52	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.84	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.89	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.73	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.91	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.65	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.93	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.80	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.83	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.15	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.90	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.17	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.93	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.26	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.99	PASS
Band66	15MHz	QPSK	132047	38RB#0	23.25	PASS
Band66	15MHz	16QAM	132047	38RB#0	23.21	PASS
Band66	15MHz	QPSK	132047	38RB#18	23.19	PASS
Band66	15MHz	16QAM	132047	38RB#18	23.16	PASS
Band66	15MHz	QPSK	132047	38RB#37	23.15	PASS
Band66	15MHz	16QAM	132047	38RB#37	23.13	PASS
Band66	15MHz	QPSK	132047	75RB#0	23.29	PASS
Band66	15MHz	16QAM	132047	75RB#0	22.37	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.20	PASS
Band66	15MHz	16QAM	132322	1RB#0	23.05	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.20	PASS

Band66	15MHz	16QAM	132322	1RB#38	22.97	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.23	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.89	PASS
Band66	15MHz	QPSK	132322	38RB#0	23.17	PASS
Band66	15MHz	16QAM	132322	38RB#0	23.16	PASS
Band66	15MHz	QPSK	132322	38RB#18	23.17	PASS
Band66	15MHz	16QAM	132322	38RB#18	23.19	PASS
Band66	15MHz	QPSK	132322	38RB#37	23.19	PASS
Band66	15MHz	16QAM	132322	38RB#37	23.22	PASS
Band66	15MHz	QPSK	132322	75RB#0	23.45	PASS
Band66	15MHz	16QAM	132322	75RB#0	22.27	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.08	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.88	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.04	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.89	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.09	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.85	PASS
Band66	15MHz	QPSK	132597	38RB#0	23.11	PASS
Band66	15MHz	16QAM	132597	38RB#0	23.09	PASS
Band66	15MHz	QPSK	132597	38RB#18	23.07	PASS
Band66	15MHz	16QAM	132597	38RB#18	23.06	PASS
Band66	15MHz	QPSK	132597	38RB#37	23.04	PASS
Band66	15MHz	16QAM	132597	38RB#37	23.03	PASS
Band66	15MHz	QPSK	132597	75RB#0	23.02	PASS
Band66	15MHz	16QAM	132597	75RB#0	23.41	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.17	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.77	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.25	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.94	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.26	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.93	PASS
Band66	20MHz	QPSK	132072	50RB#0	23.15	PASS
Band66	20MHz	16QAM	132072	50RB#0	22.39	PASS
Band66	20MHz	QPSK	132072	50RB#25	23.15	PASS
Band66	20MHz	16QAM	132072	50RB#25	22.39	PASS
Band66	20MHz	QPSK	132072	50RB#50	23.19	PASS
Band66	20MHz	16QAM	132072	50RB#50	22.35	PASS
Band66	20MHz	QPSK	132072	100RB#0	23.37	PASS

Band66	20MHz	16QAM	132072	100RB#0	22.26	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.39	PASS
Band66	20MHz	16QAM	132322	1RB#0	23.60	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.35	PASS
Band66	20MHz	16QAM	132322	1RB#49	23.58	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.35	PASS
Band66	20MHz	16QAM	132322	1RB#99	23.54	PASS
Band66	20MHz	QPSK	132322	50RB#0	23.24	PASS
Band66	20MHz	16QAM	132322	50RB#0	22.34	PASS
Band66	20MHz	QPSK	132322	50RB#25	23.17	PASS
Band66	20MHz	16QAM	132322	50RB#25	22.36	PASS
Band66	20MHz	QPSK	132322	50RB#50	23.26	PASS
Band66	20MHz	16QAM	132322	50RB#50	22.21	PASS
Band66	20MHz	QPSK	132322	100RB#0	23.23	PASS
Band66	20MHz	16QAM	132322	100RB#0	22.28	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.65	PASS
Band66	20MHz	16QAM	132572	1RB#0	23.58	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.10	PASS
Band66	20MHz	16QAM	132572	1RB#49	23.52	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.12	PASS
Band66	20MHz	16QAM	132572	1RB#99	23.49	PASS
Band66	20MHz	QPSK	132572	50RB#0	23.08	PASS
Band66	20MHz	16QAM	132572	50RB#0	22.15	PASS
Band66	20MHz	QPSK	132572	50RB#25	23.03	PASS
Band66	20MHz	16QAM	132572	50RB#25	22.12	PASS
Band66	20MHz	QPSK	132572	50RB#50	23.09	PASS
Band66	20MHz	16QAM	132572	50RB#50	22.05	PASS
Band66	20MHz	QPSK	132572	100RB#0	23.03	PASS
Band66	20MHz	16QAM	132572	100RB#0	22.08	PASS

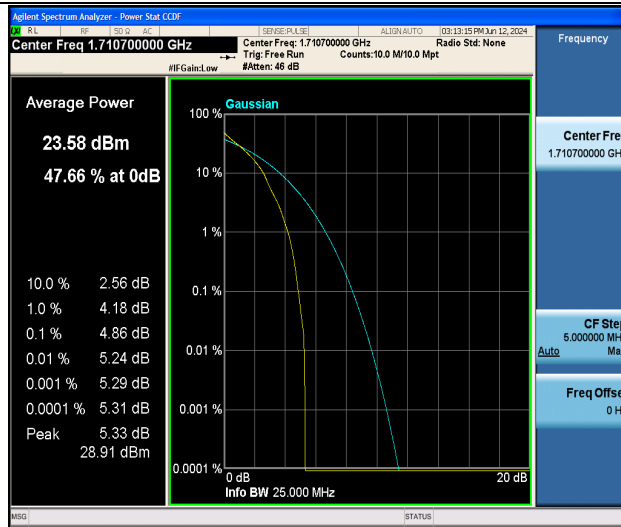
1.2. Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

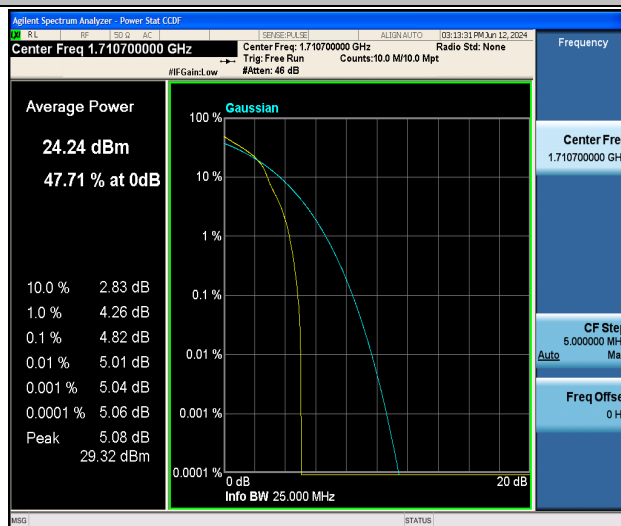
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	4.86	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	4.82	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	5.03	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	5.91	13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	4.60	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	4.47	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	4.87	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	5.71	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	4.17	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	4.23	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	4.00	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	4.96	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	5.18	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	5.60	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.32	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.19	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	4.74	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	4.97	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	4.99	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	5.79	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	4.95	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	4.77	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	4.91	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	5.82	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	4.93	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	5.33	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.29	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.08	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	4.95	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	5.50	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.08	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.88	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	4.86	13	PASS
Band66	5MHz	16QAM	132647	1RB#0	5.32	13	PASS

Band66	5MHz	QPSK	132647	25RB#0	4.88	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	5.78	13	PASS
Band66	10MHz	QPSK	132022	1RB#0	5.12	13	PASS
Band66	10MHz	16QAM	132022	1RB#0	5.79	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.38	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	6.22	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	4.93	13	PASS
Band66	10MHz	16QAM	132322	1RB#0	5.33	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.19	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	5.81	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	5.02	13	PASS
Band66	10MHz	16QAM	132622	1RB#0	5.63	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.01	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	5.90	13	PASS
Band66	15MHz	QPSK	132047	1RB#0	8.34	13	PASS
Band66	15MHz	16QAM	132047	1RB#0	5.68	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.74	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	6.31	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	4.93	13	PASS
Band66	15MHz	16QAM	132322	1RB#0	5.18	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.55	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	6.03	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	5.28	13	PASS
Band66	15MHz	16QAM	132597	1RB#0	5.93	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.46	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	6.06	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	5.28	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	5.55	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.54	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.28	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	4.95	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	5.36	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.42	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.09	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	5.28	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	5.72	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.35	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.15	13	PASS

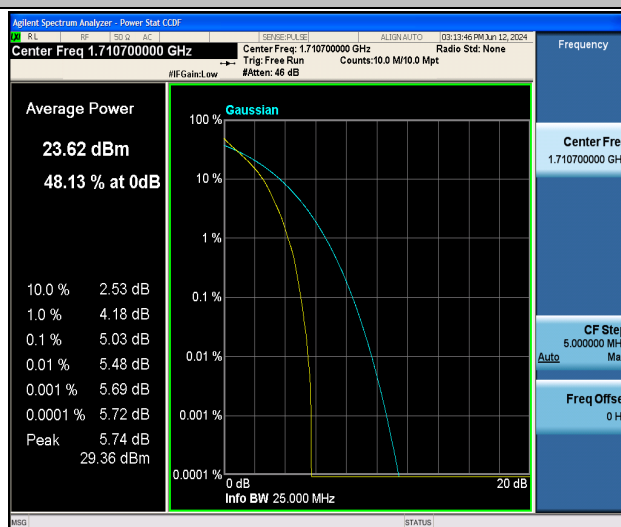
Test Graphs



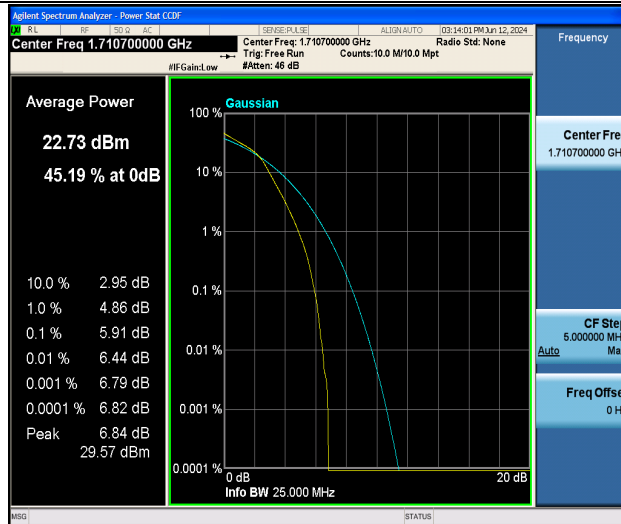
Band66-1.4MHz-QPSK-131979-1RB#0-PASS



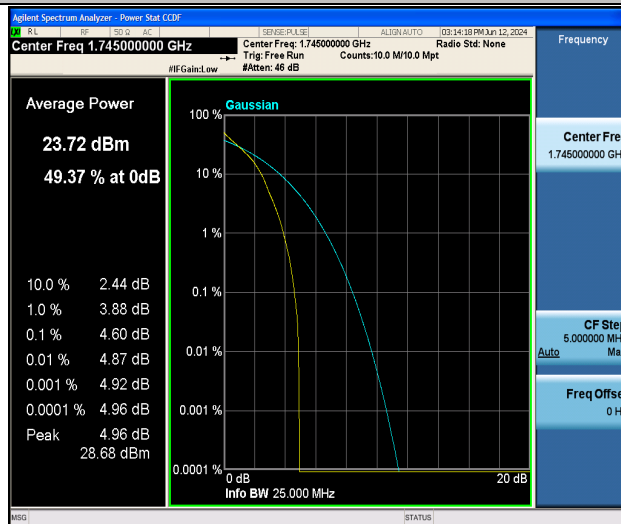
Band66-1.4MHz-16QAM-131979-1RB#0-PASS



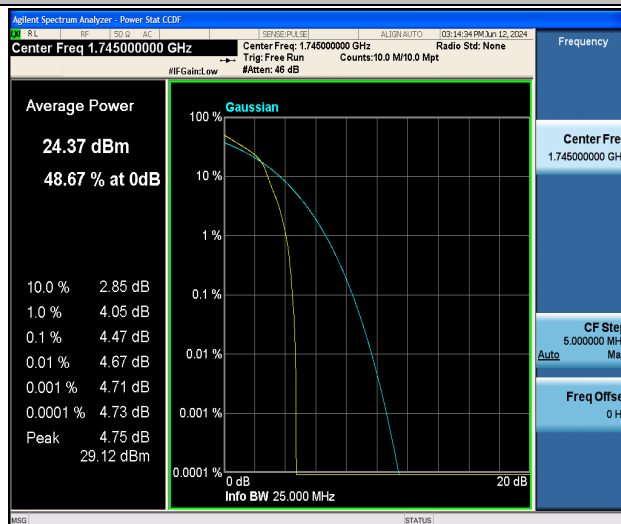
Band66-1.4MHz-QPSK-131979-6RB#0-PASS



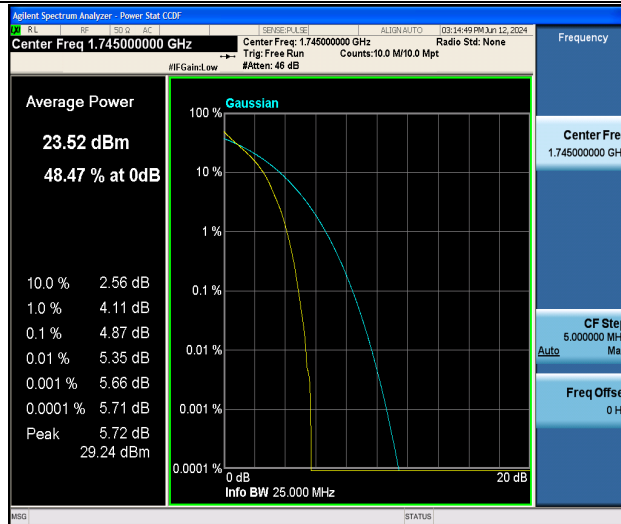
Band66-1.4MHz-16QAM-131979-6RB#0-PASS



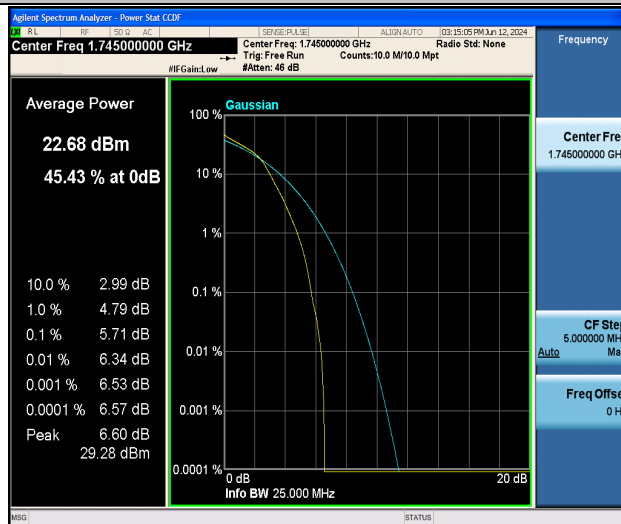
Band66-1.4MHz-QPSK-132322-1RB#0-PASS



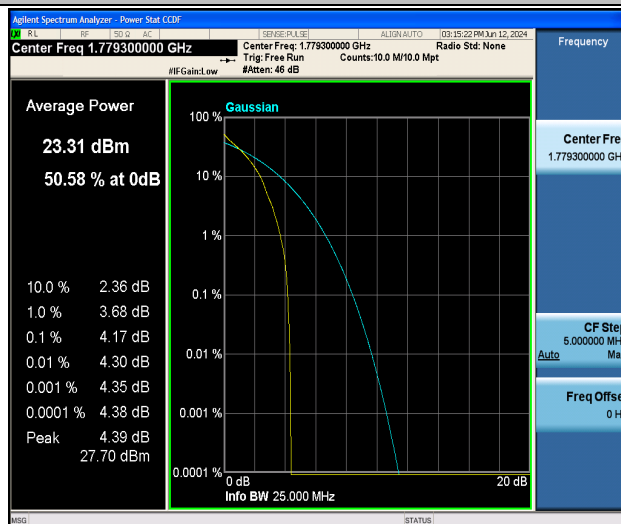
Band66-1.4MHz-16QAM-132322-1RB#0-PASS



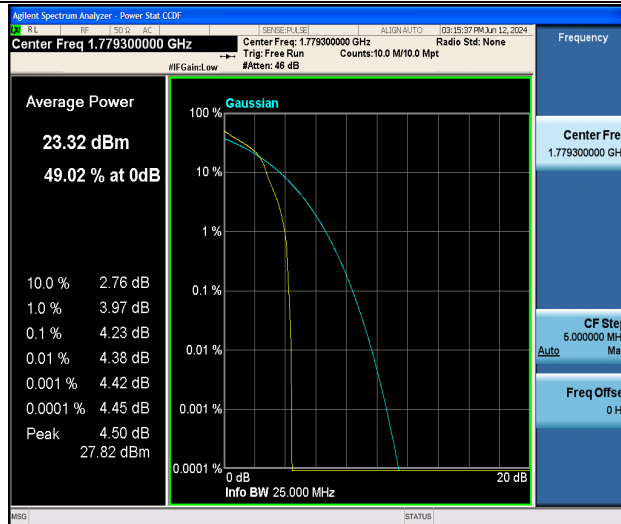
Band66-1.4MHz-QPSK-132322-6RB#0-PASS



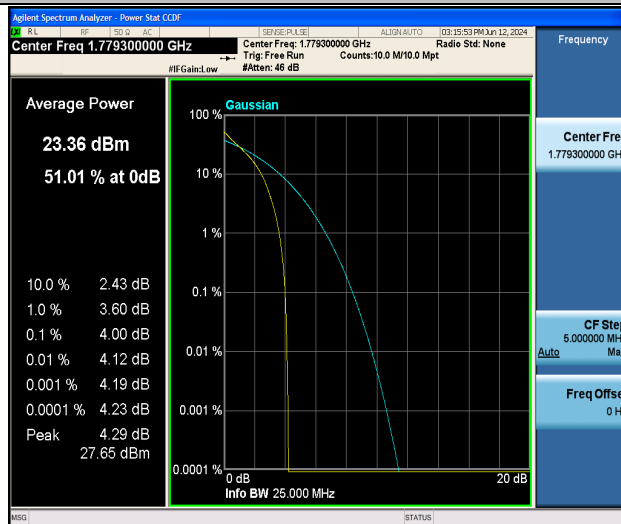
Band66-1.4MHz-16QAM-132322-6RB#0-PASS



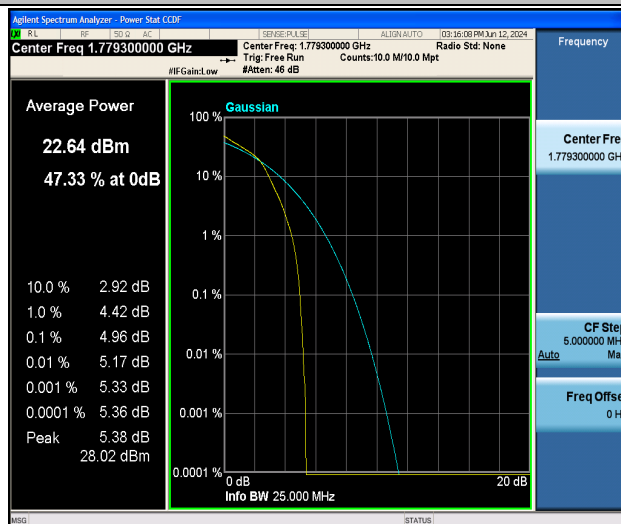
Band66-1.4MHz-QPSK-132665-1RB#0-PASS



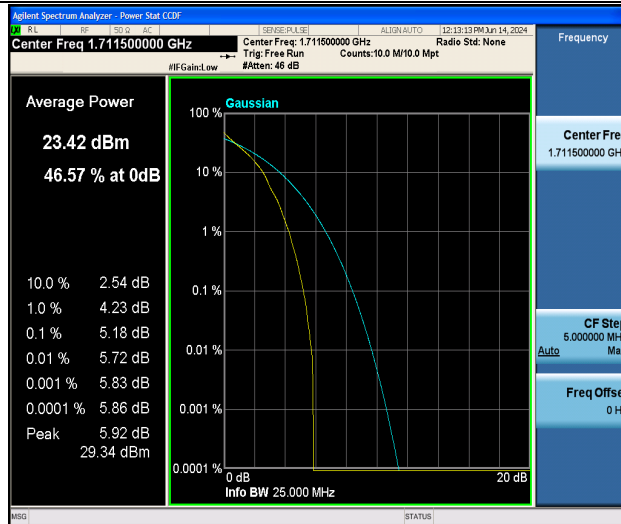
Band66-1.4MHz-16QAM-132665-1RB#0-PASS



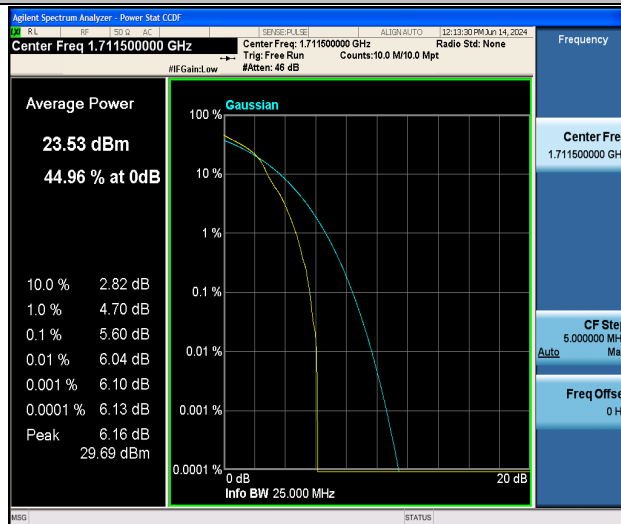
Band66-1.4MHz-QPSK-132665-6RB#0-PASS



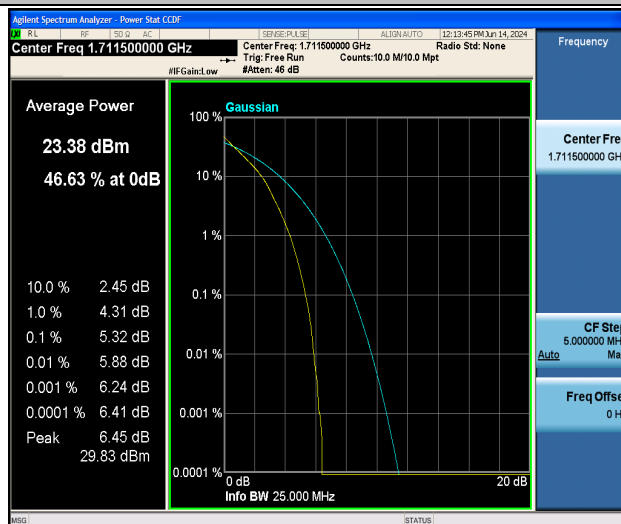
Band66-1.4MHz-16QAM-132665-6RB#0-PASS



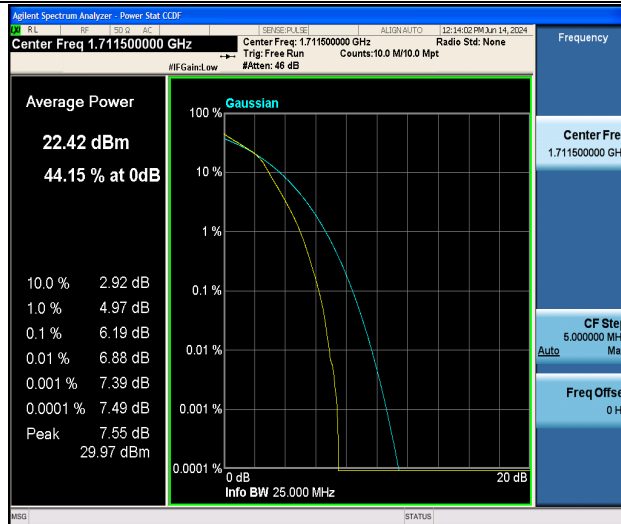
Band66-3MHz-QPSK-131987-1RB#0-PASS



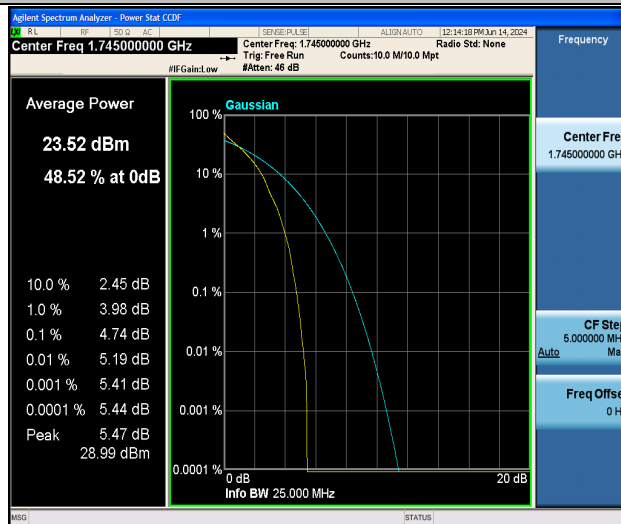
Band66-3MHz-16QAM-131987-1RB#0-PASS



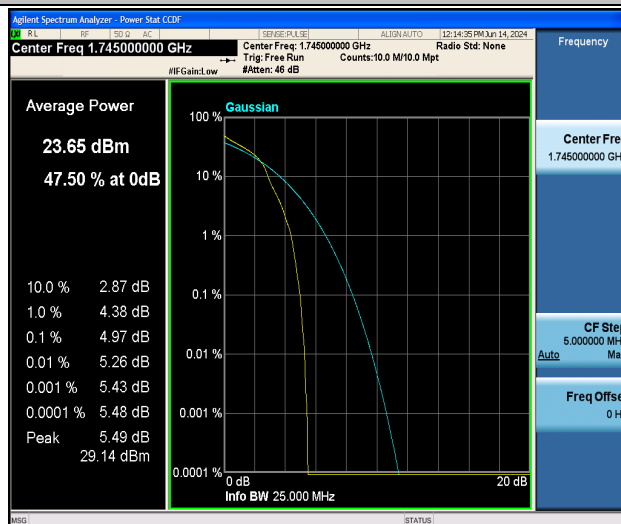
Band66-3MHz-QPSK-131987-15RB#0-PASS



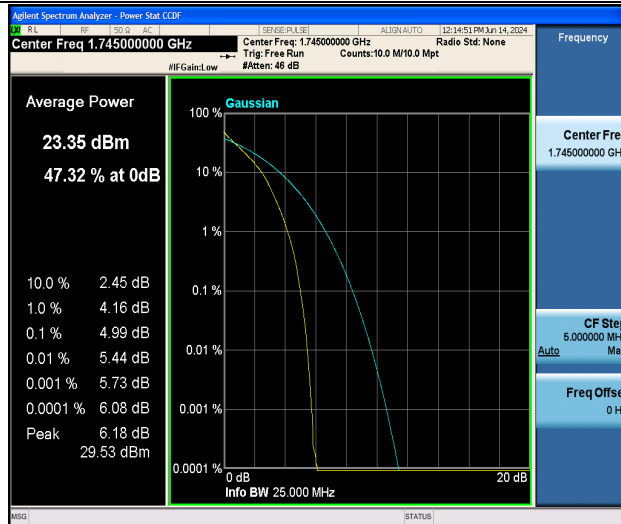
Band66-3MHz-16QAM-131987-15RB#0-PASS



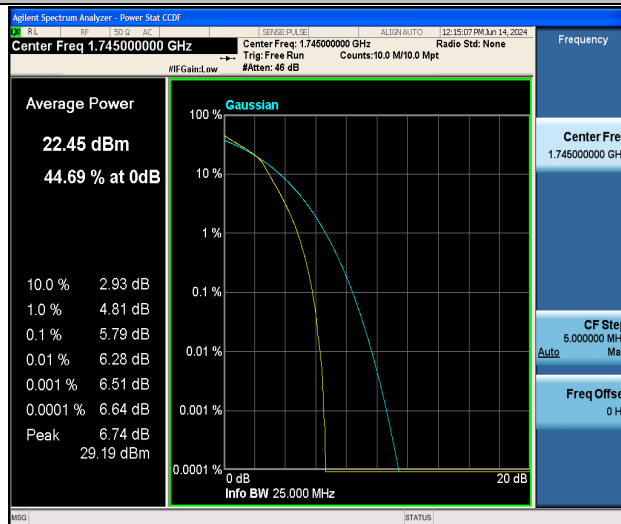
Band66-3MHz-QPSK-132322-1RB#0-PASS



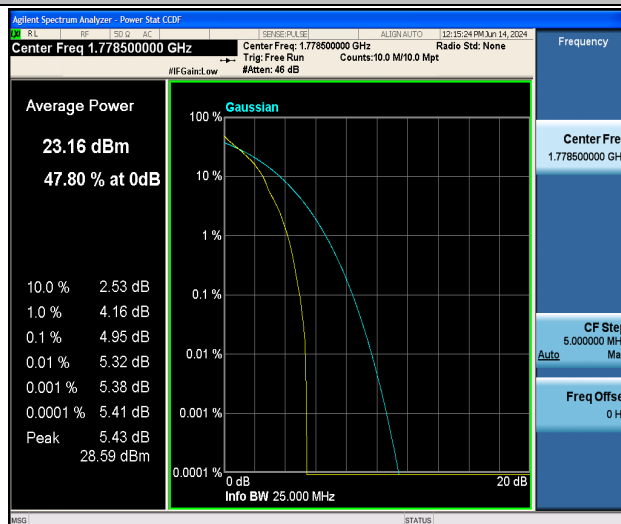
Band66-3MHz-16QAM-132322-1RB#0-PASS



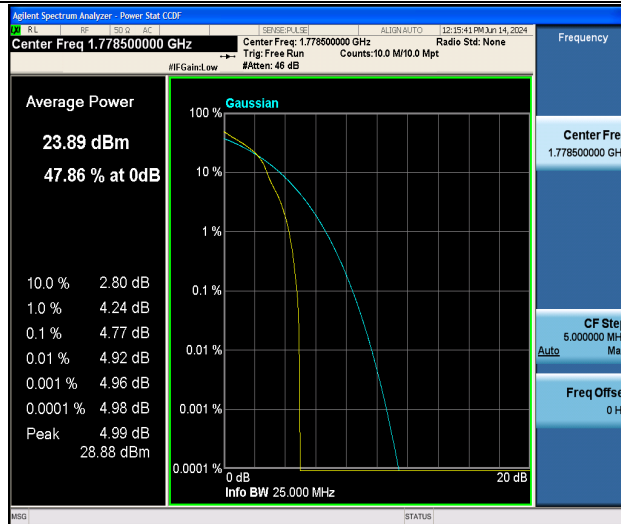
Band66-3MHz-QPSK-132322-15RB#0-PASS



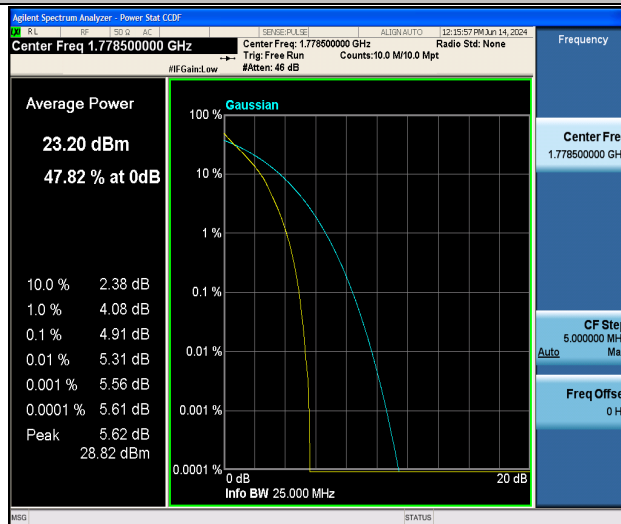
Band66-3MHz-16QAM-132322-15RB#0-PASS



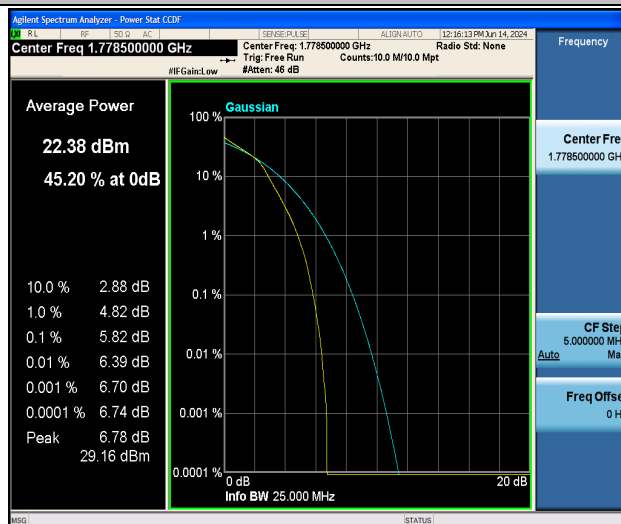
Band66-3MHz-QPSK-132657-1RB#0-PASS



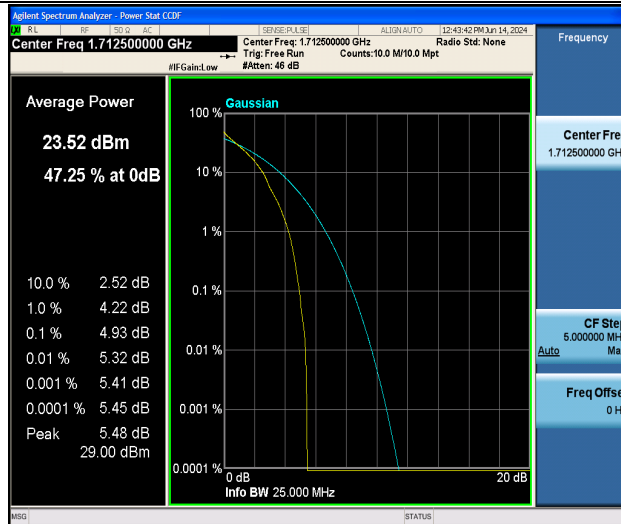
Band66-3MHz-16QAM-132657-1RB#0-PASS



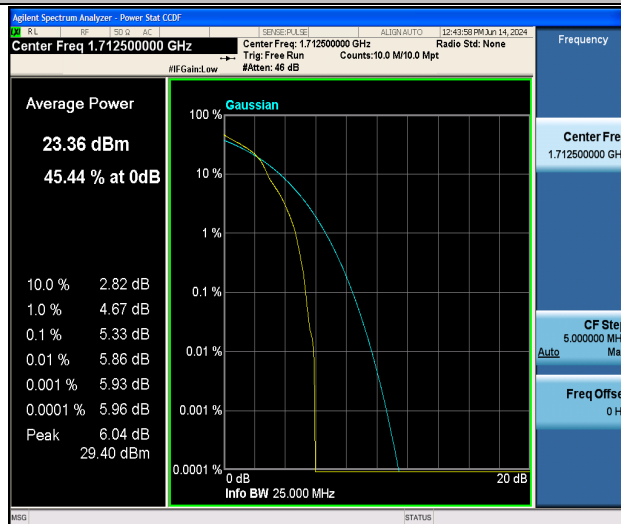
Band66-3MHz-QPSK-132657-15RB#0-PASS



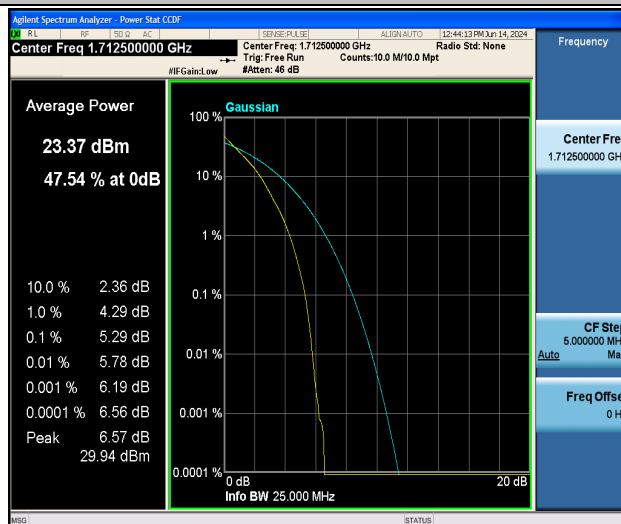
Band66-3MHz-16QAM-132657-15RB#0-PASS



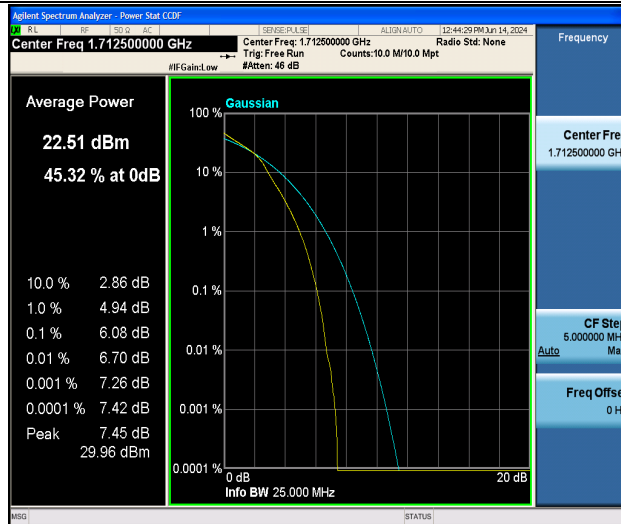
Band66-5MHz-QPSK-131997-1RB#0-PASS



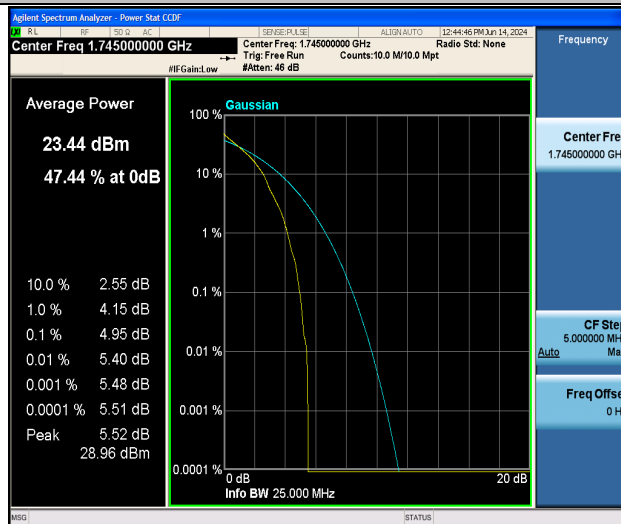
Band66-5MHz-16QAM-131997-1RB#0-PASS



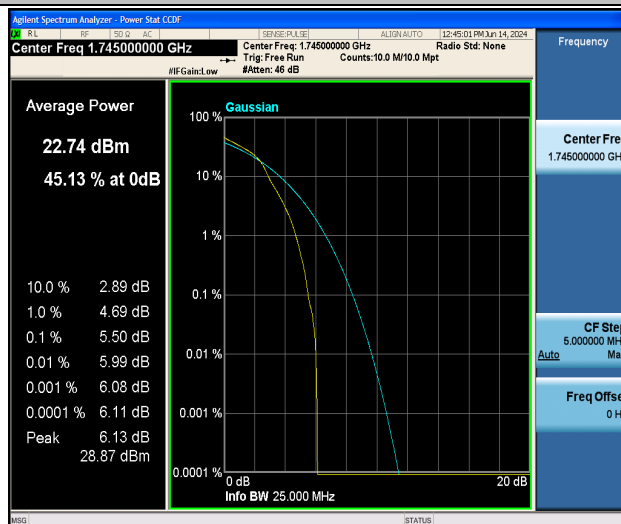
Band66-5MHz-QPSK-131997-25RB#0-PASS



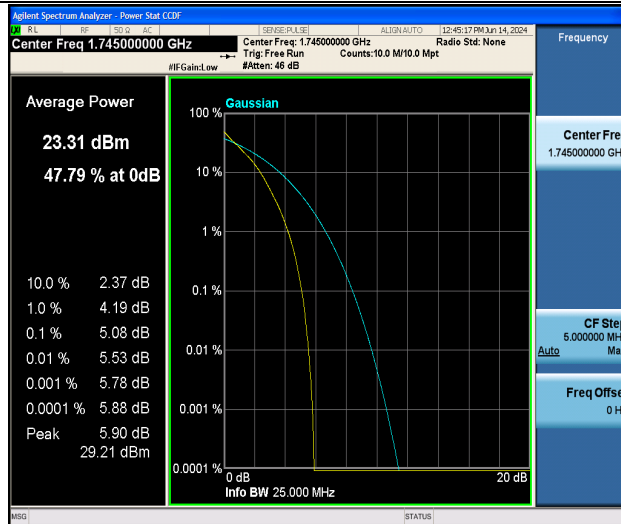
Band66-5MHz-16QAM-131997-25RB#0-PASS



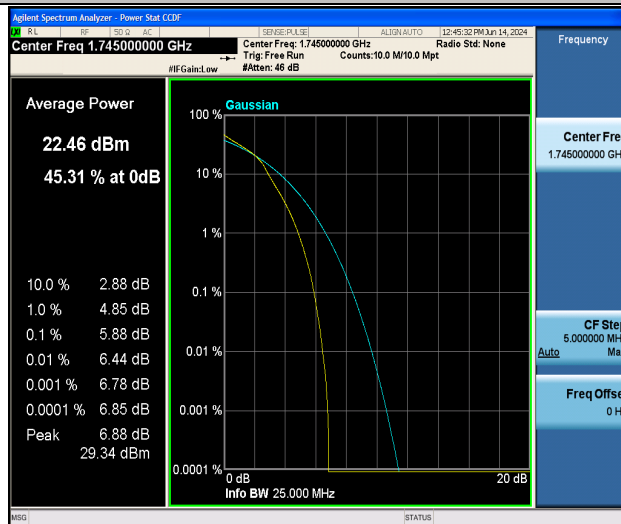
Band66-5MHz-QPSK-132322-1RB#0-PASS



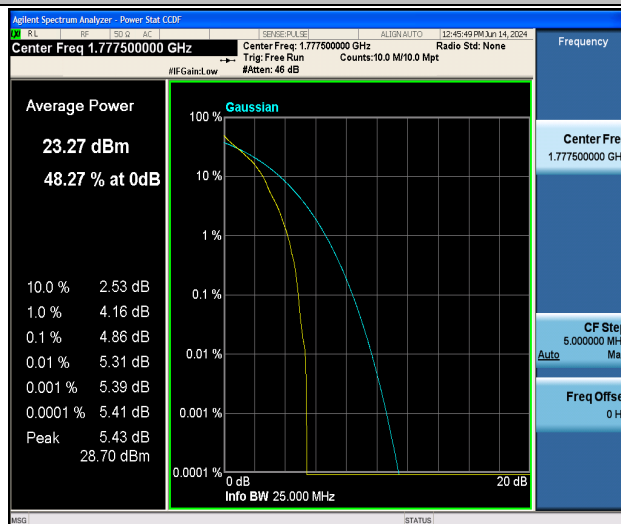
Band66-5MHz-16QAM-132322-1RB#0-PASS



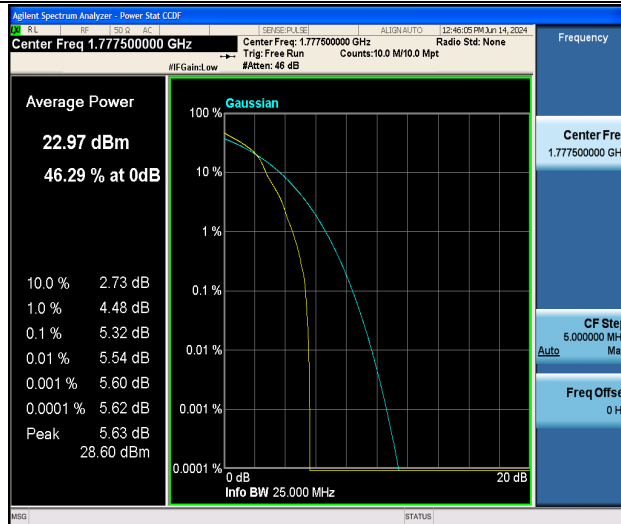
Band66-5MHz-QPSK-132322-25RB#0-PASS



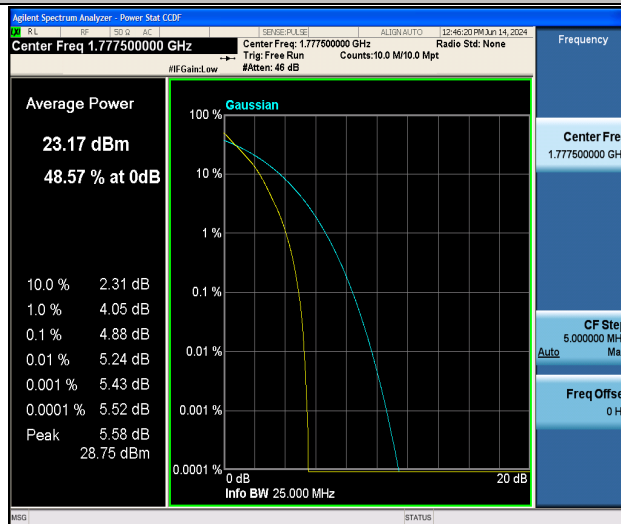
Band66-5MHz-16QAM-132322-25RB#0-PASS



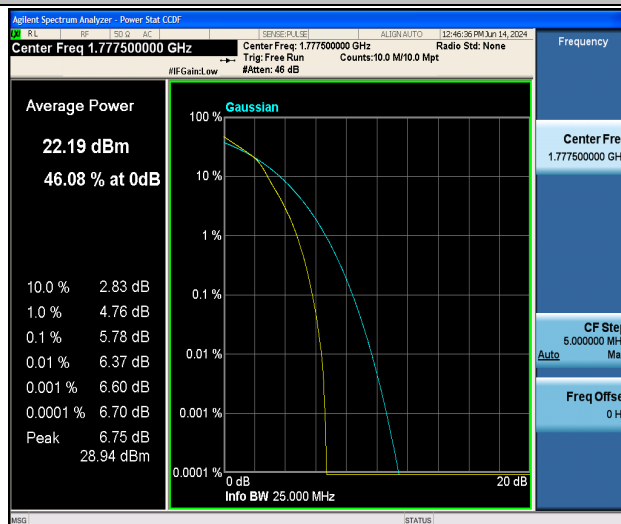
Band66-5MHz-QPSK-132647-1RB#0-PASS



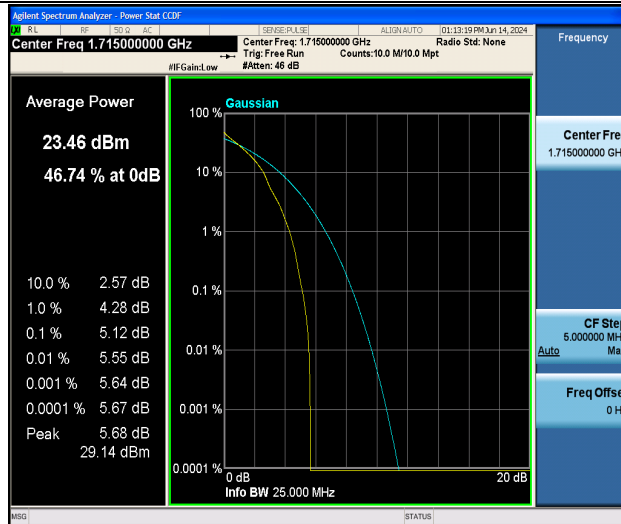
Band66-5MHz-16QAM-132647-1RB#0-PASS



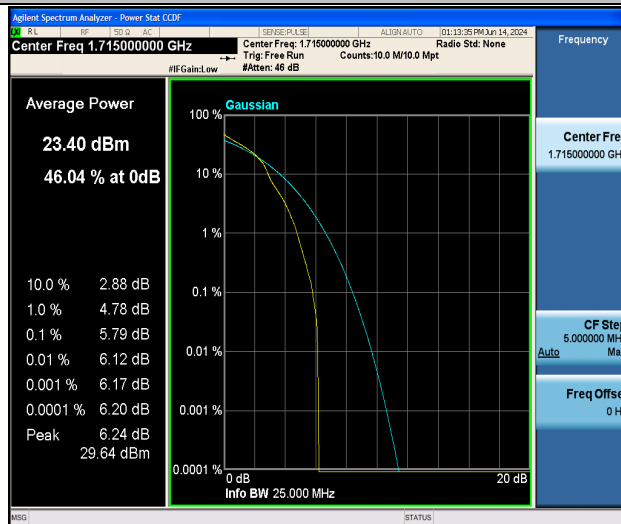
Band66-5MHz-QPSK-132647-25RB#0-PASS



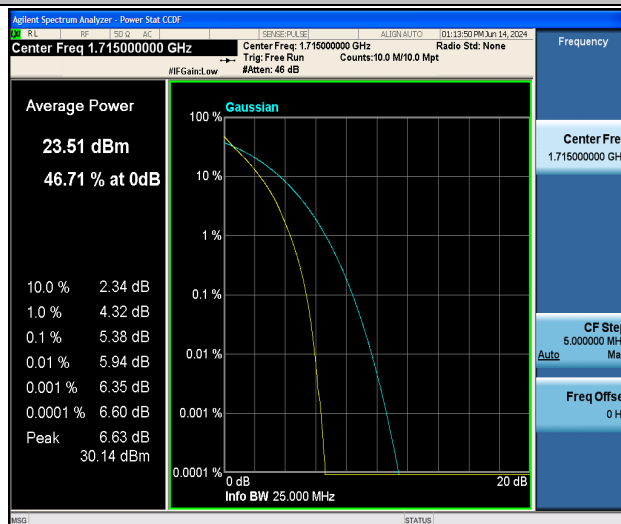
Band66-5MHz-16QAM-132647-25RB#0-PASS



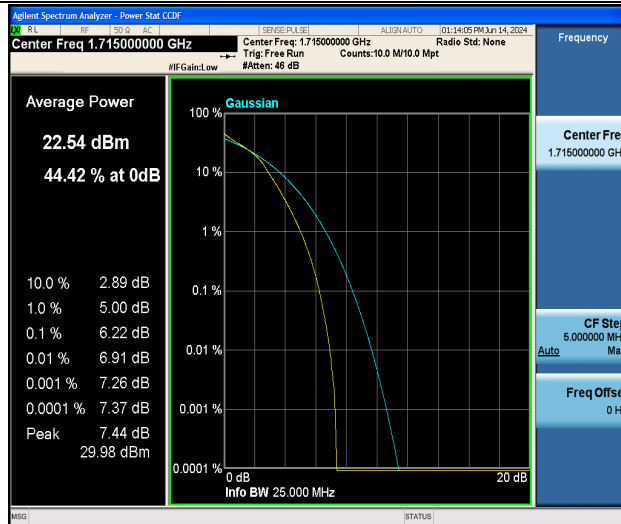
Band66-10MHz-QPSK-132022-1RB#0-PASS



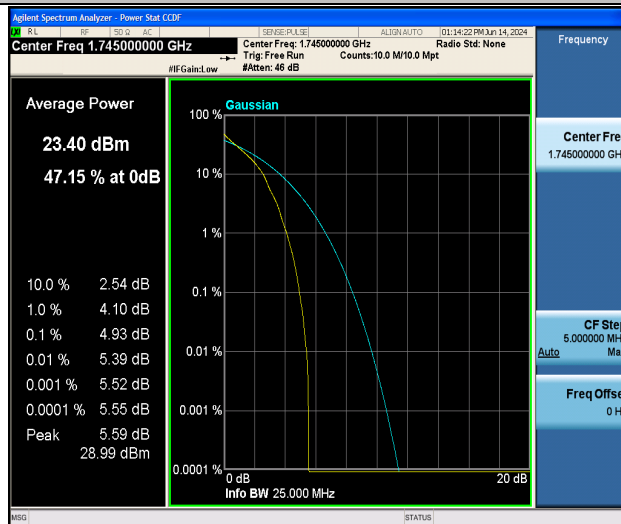
Band66-10MHz-16QAM-132022-1RB#0-PASS



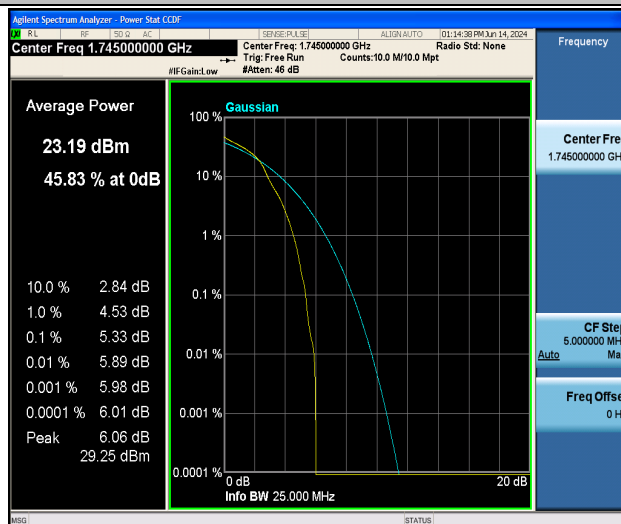
Band66-10MHz-QPSK-132022-50RB#0-PASS



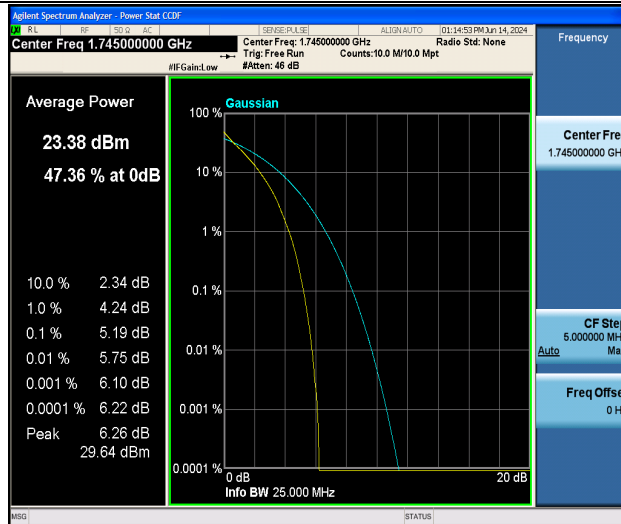
Band66-10MHz-16QAM-132022-50RB#0-PASS



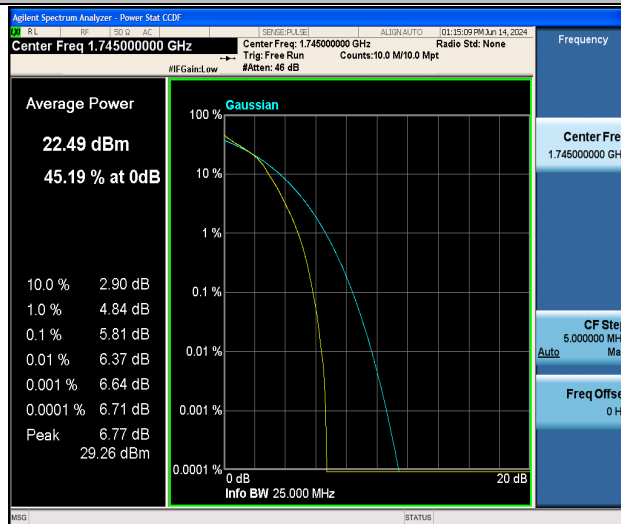
Band66-10MHz-QPSK-132322-1RB#0-PASS



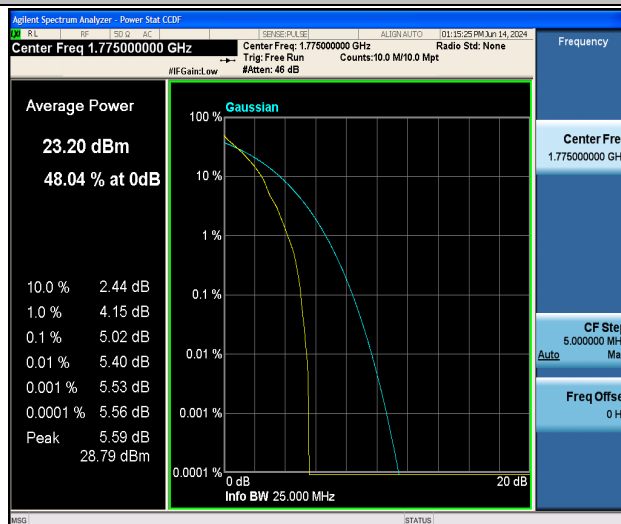
Band66-10MHz-16QAM-132322-1RB#0-PASS



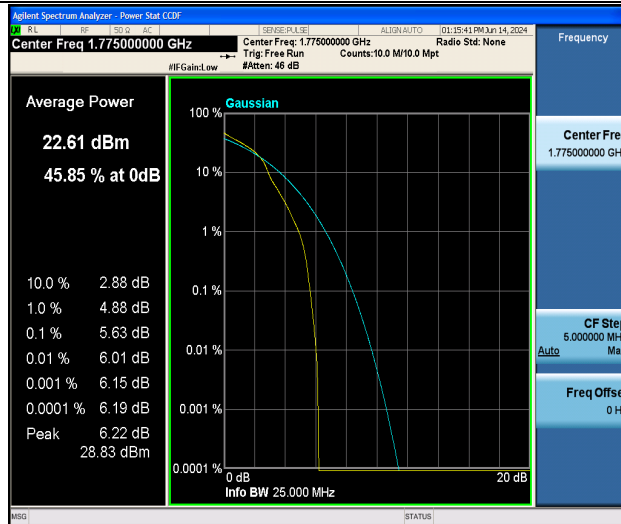
Band66-10MHz-QPSK-132322-50RB#0-PASS



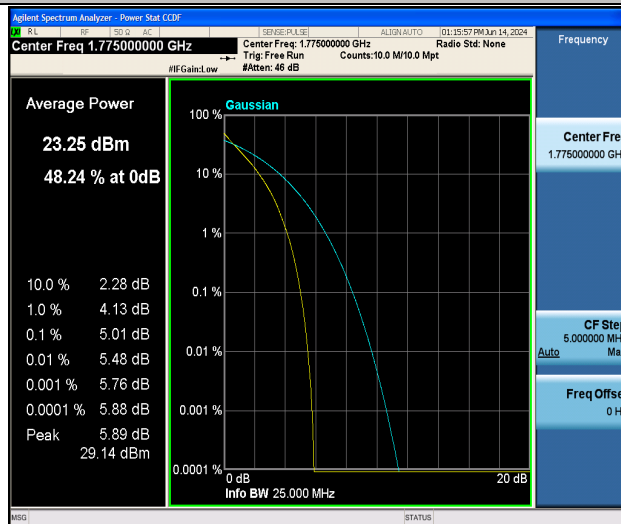
Band66-10MHz-16QAM-132322-50RB#0-PASS



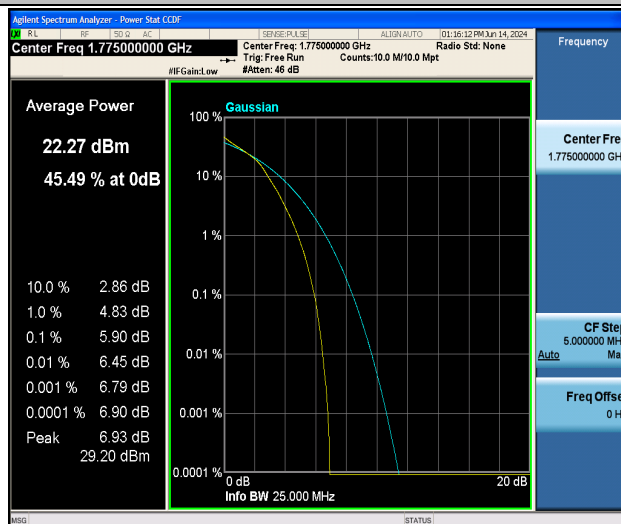
Band66-10MHz-QPSK-132622-1RB#0-PASS



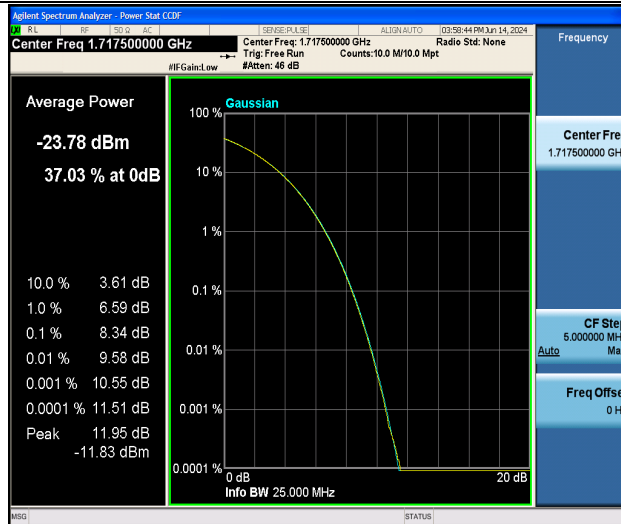
Band66-10MHz-16QAM-132622-1RB#0-PASS



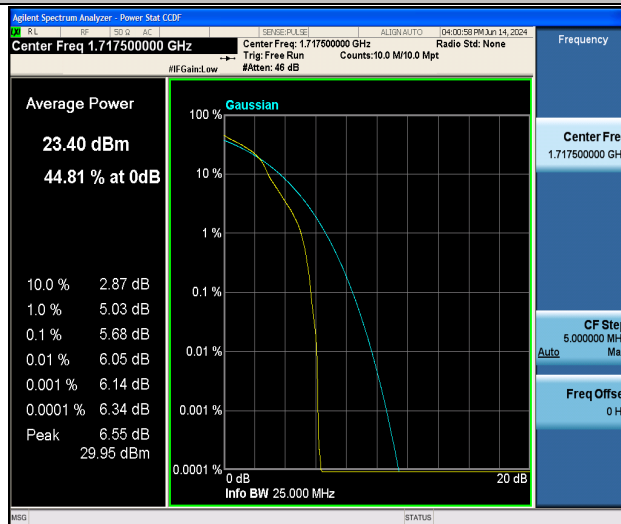
Band66-10MHz-QPSK-132622-50RB#0-PASS



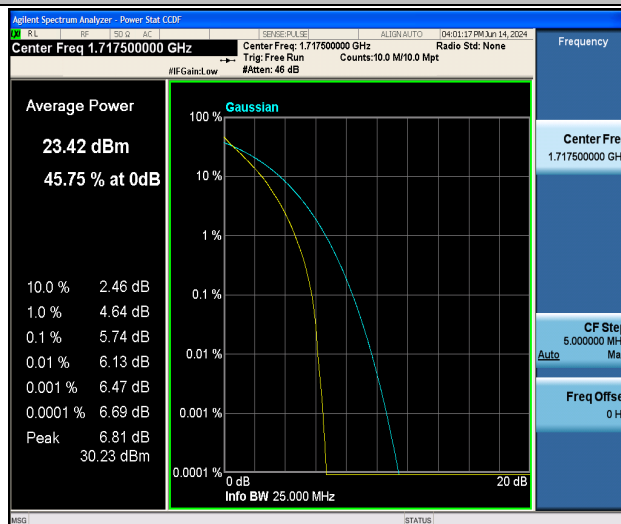
Band66-10MHz-16QAM-132622-50RB#0-PASS



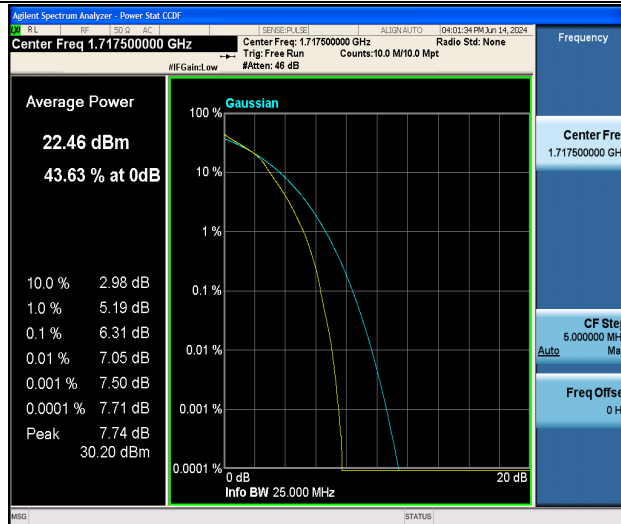
Band66-15MHz-QPSK-132047-1RB#0-PASS



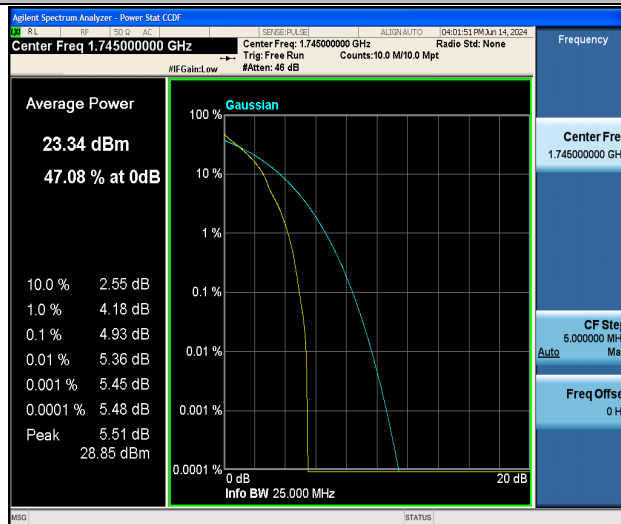
Band66-15MHz-16QAM-132047-1RB#0-PASS



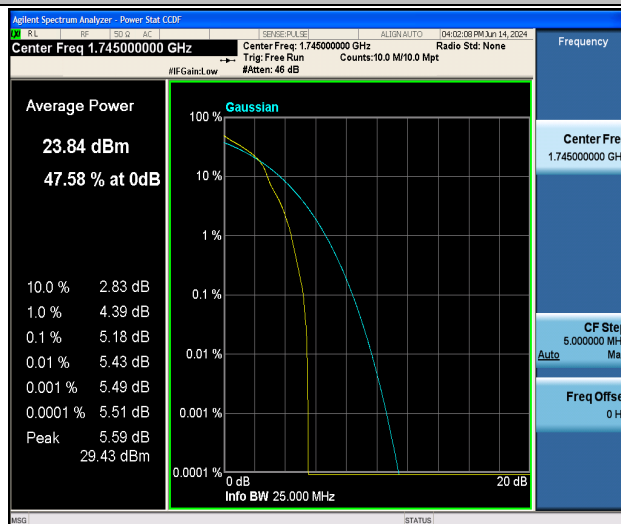
Band66-15MHz-QPSK-132047-75RB#0-PASS



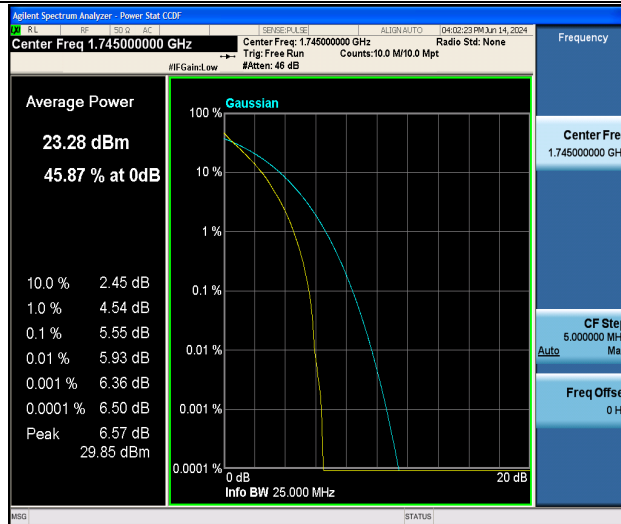
Band66-15MHz-16QAM-132047-75RB#0-PASS



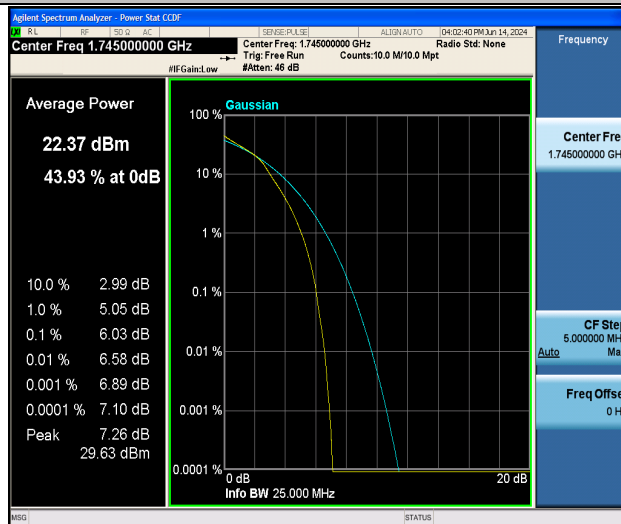
Band66-15MHz-QPSK-132322-1RB#0-PASS



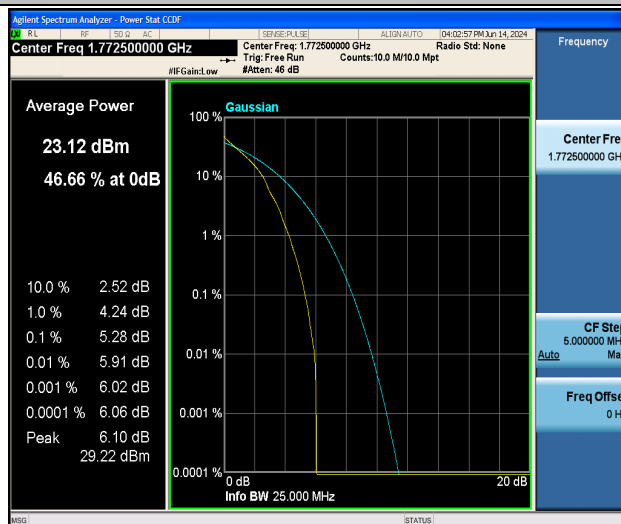
Band66-15MHz-16QAM-132322-1RB#0-PASS



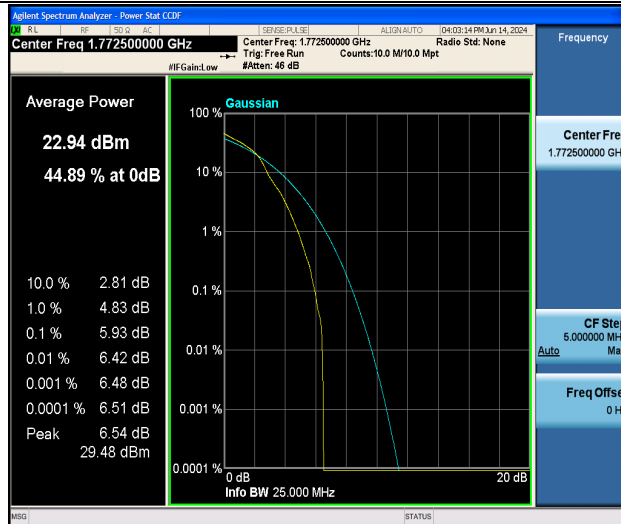
Band66-15MHz-QPSK-132322-75RB#0-PASS



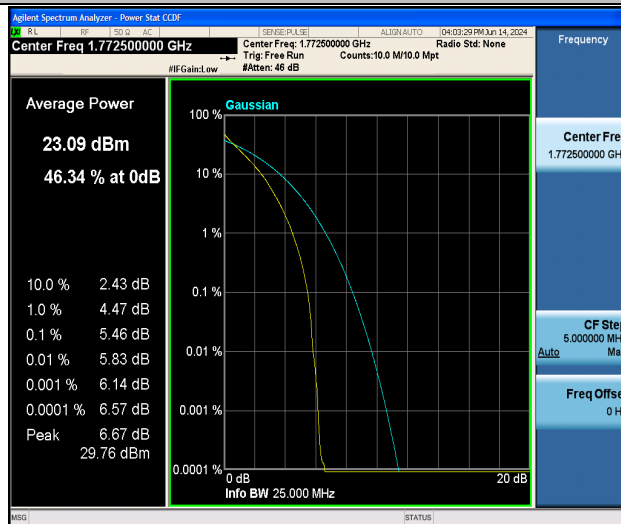
Band66-15MHz-16QAM-132322-75RB#0-PASS



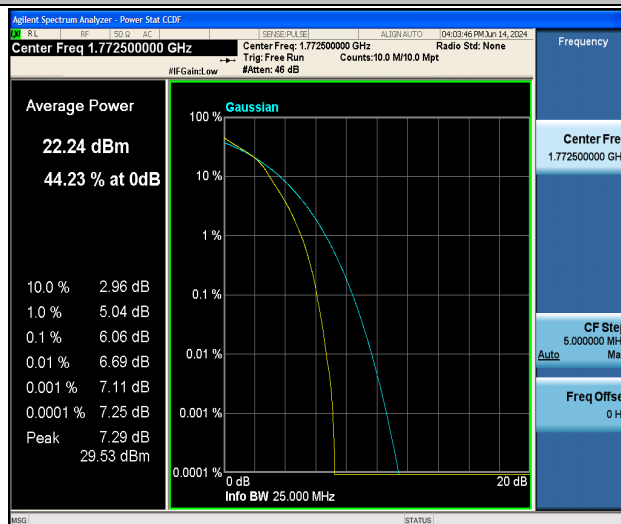
Band66-15MHz-QPSK-132597-1RB#0-PASS



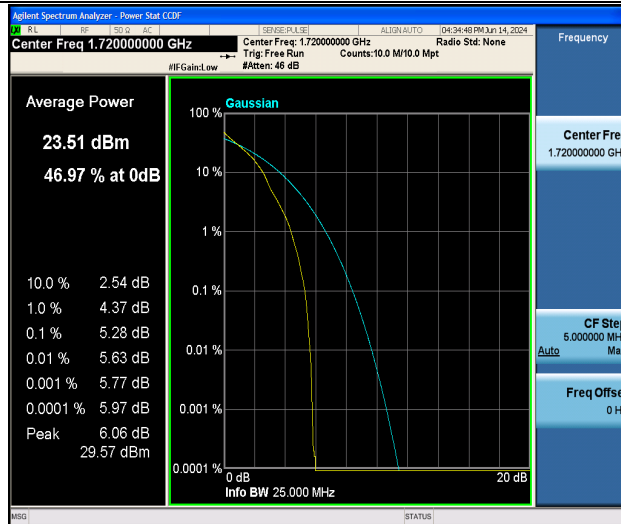
Band66-15MHz-16QAM-132597-1RB#0-PASS



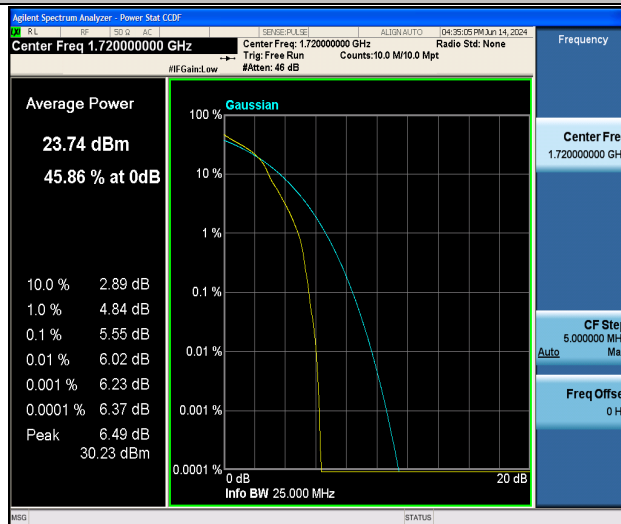
Band66-15MHz-QPSK-132597-75RB#0-PASS



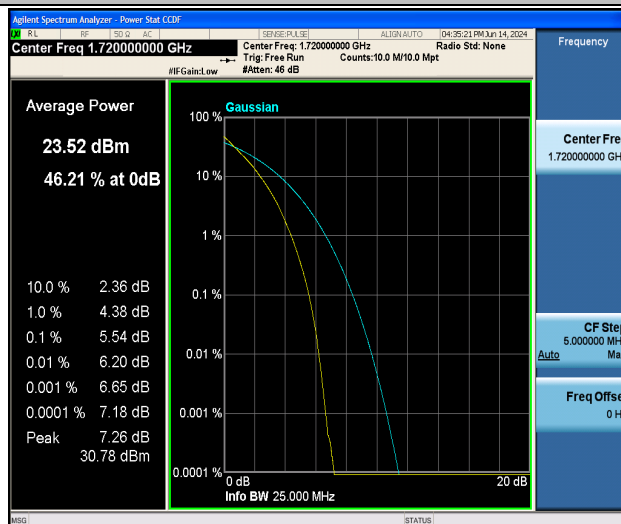
Band66-15MHz-16QAM-132597-75RB#0-PASS



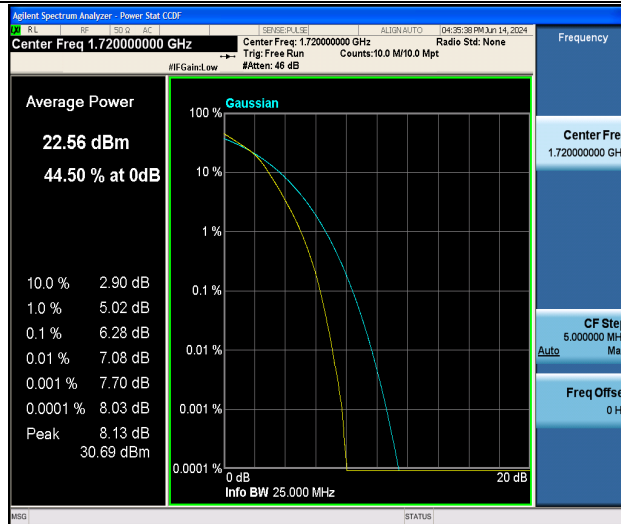
Band66-20MHz-QPSK-132072-1RB#0-PASS



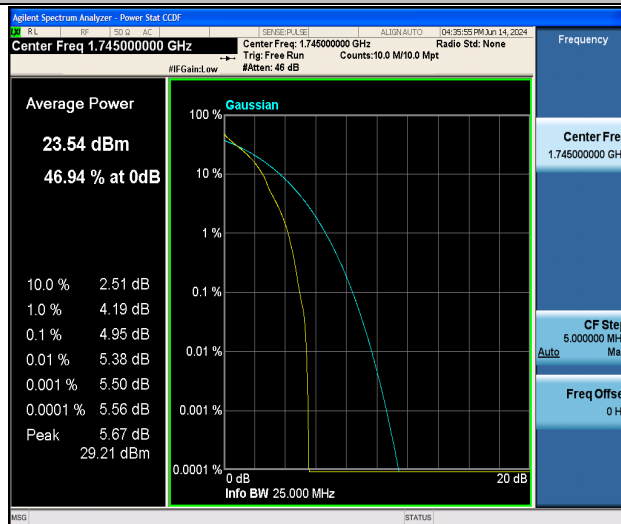
Band66-20MHz-16QAM-132072-1RB#0-PASS



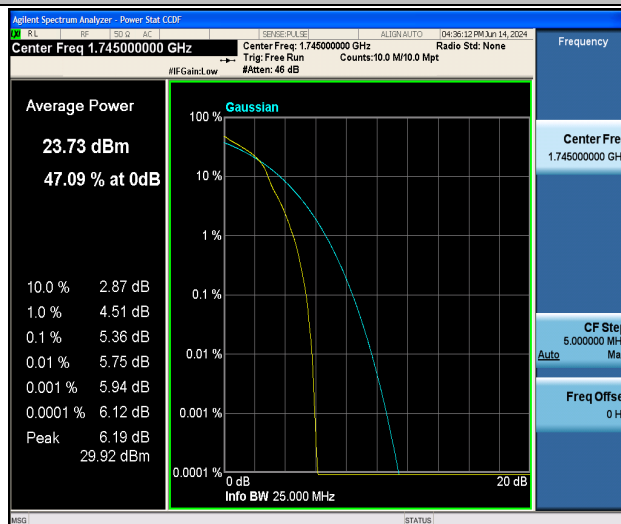
Band66-20MHz-QPSK-132072-100RB#0-PASS



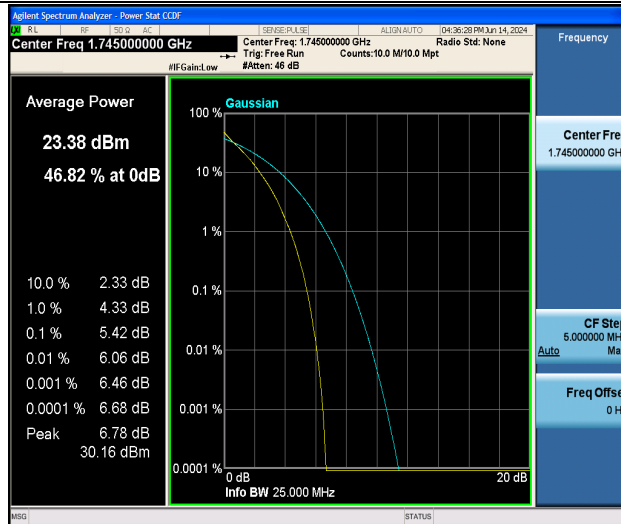
Band66-20MHz-16QAM-132072-100RB#0-PASS



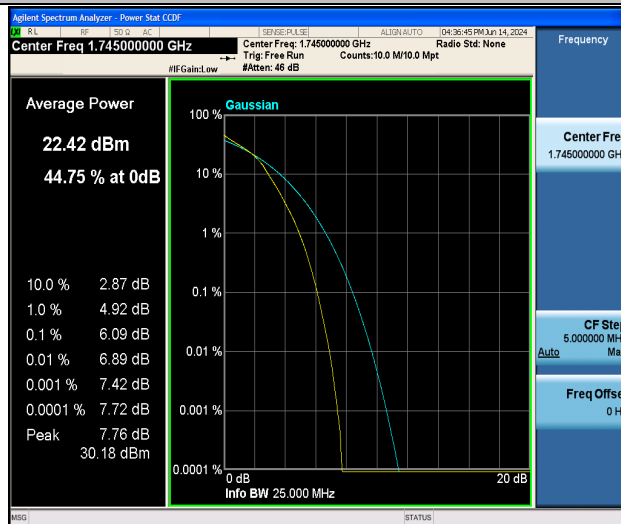
Band66-20MHz-QPSK-132322-1RB#0-PASS



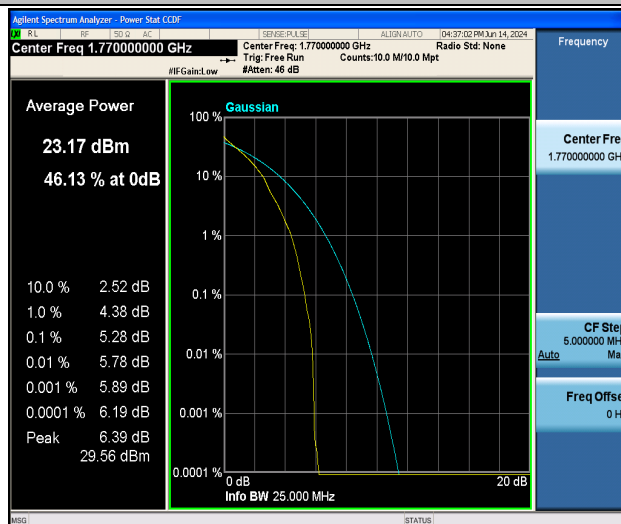
Band66-20MHz-16QAM-132322-1RB#0-PASS



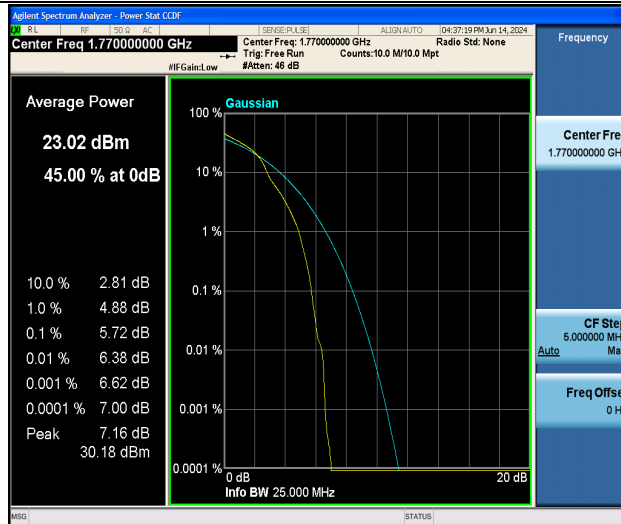
Band66-20MHz-QPSK-132322-100RB#0-PASS



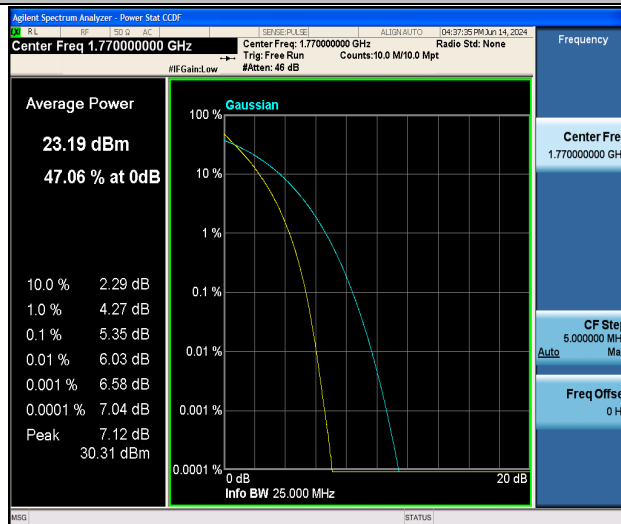
Band66-20MHz-16QAM-132322-100RB#0-PASS



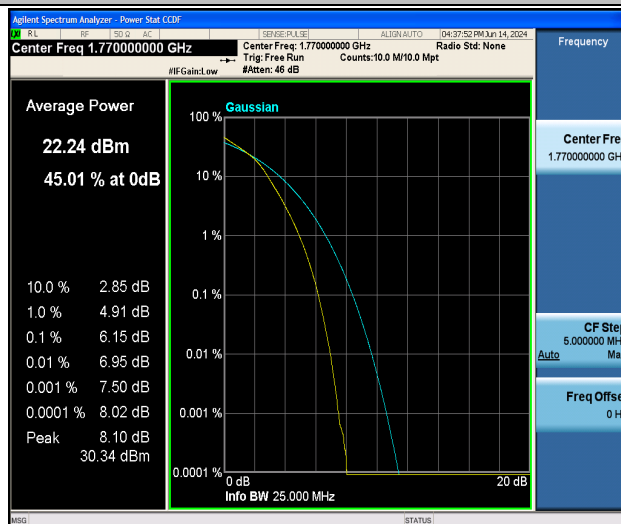
Band66-20MHz-QPSK-132572-1RB#0-PASS



Band66-20MHz-16QAM-132572-1RB#0-PASS



Band66-20MHz-QPSK-132572-100RB#0-PASS



Band66-20MHz-16QAM-132572-100RB#0-PASS

1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

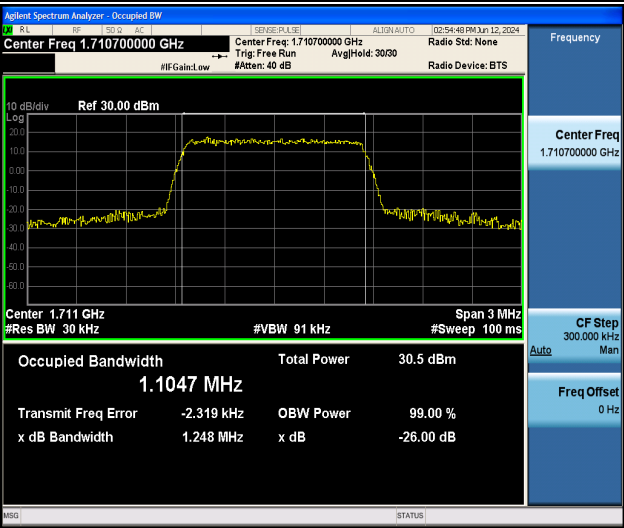
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0908	1.242	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1047	1.248	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0989	1.244	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0973	1.253	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0997	1.246	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0914	1.239	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.7051	3.028	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.7027	3.029	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.7135	3.011	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.7026	3.022	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7076	3.012	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6986	3.016	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5080	4.973	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5008	4.968	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5028	4.983	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5121	4.988	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5084	4.985	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5227	4.996	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9930	9.882	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9885	9.922	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.0056	9.898	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9822	9.908	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9741	9.824	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9896	9.941	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.489	14.97	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.489	14.97	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.450	14.85	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.530	14.95	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.493	14.94	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.485	14.90	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.995	19.62	PASS
Band66	20MHz	16QAM	132072	100RB#0	18.022	19.73	PASS

Band66	20MHz	QPSK	132322	100RB#0	18.010	19.65	PASS
Band66	20MHz	16QAM	132322	100RB#0	18.039	19.74	PASS
Band66	20MHz	QPSK	132572	100RB#0	18.021	19.79	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.993	19.65	PASS

Test Graphs



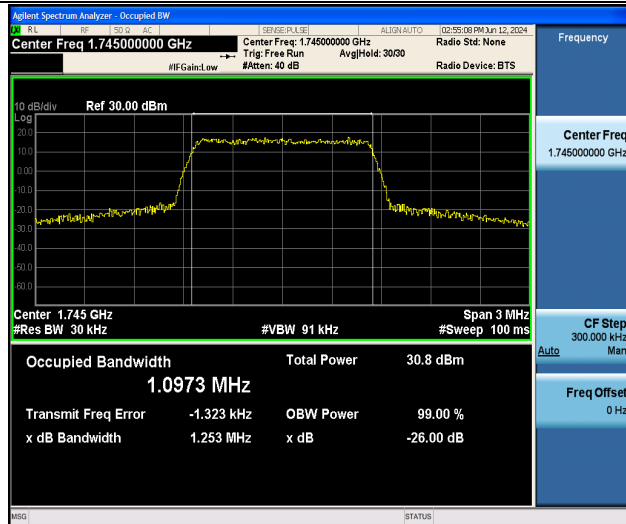
Band66-1.4MHz-QPSK-131979-6RB#0-PASS



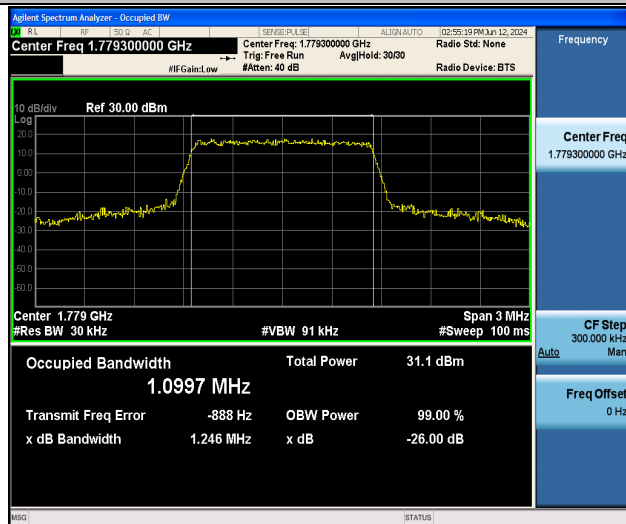
Band66-1.4MHz-16QAM-131979-6RB#0-PASS



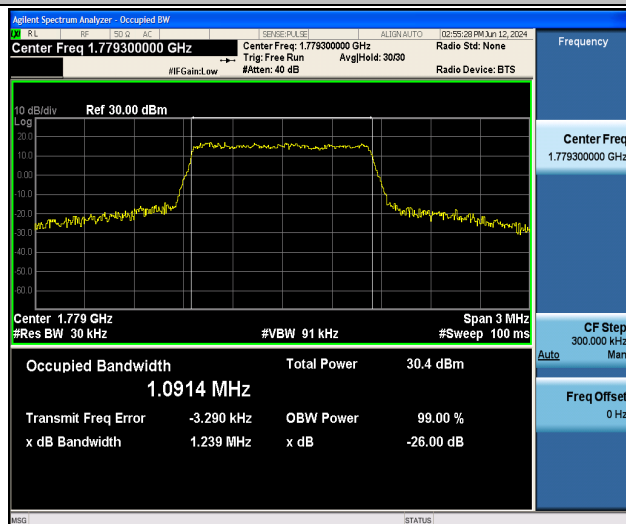
Band66-1.4MHz-QPSK-132322-6RB#0-PASS



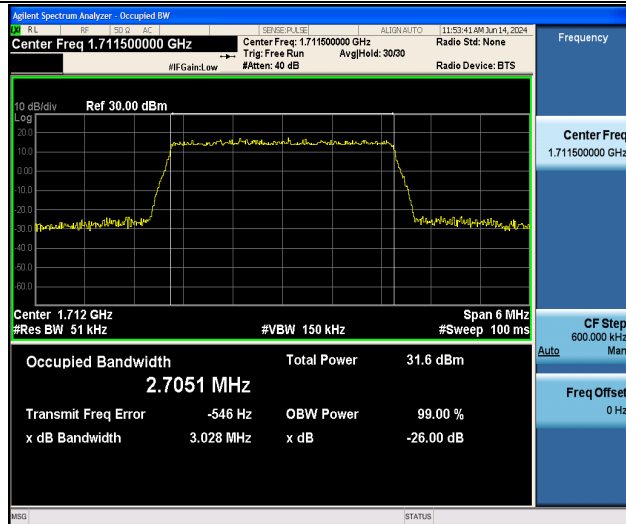
Band66-1.4MHz-16QAM-132322-6RB#0-PASS



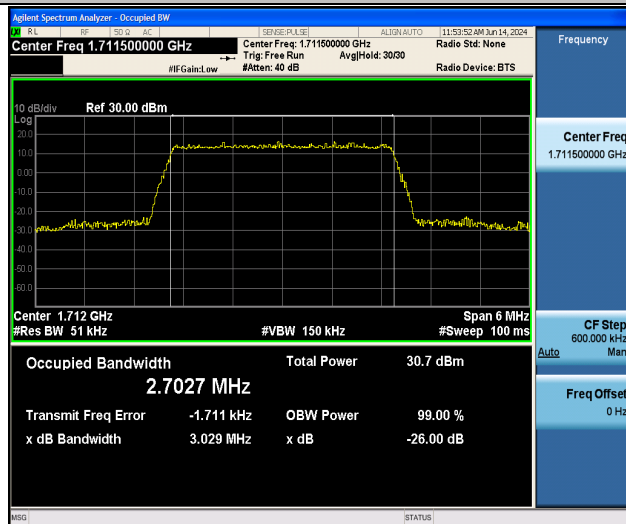
Band66-1.4MHz-QPSK-132665-6RB#0-PASS



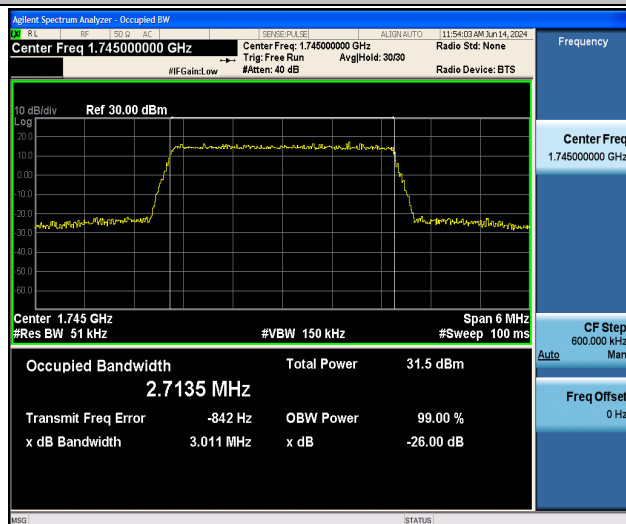
Band66-1.4MHz-16QAM-132665-6RB#0-PASS



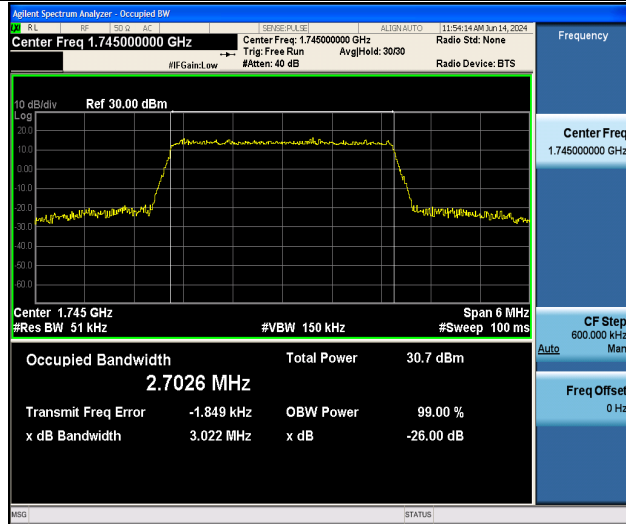
Band66-3MHz-QPSK-131987-15RB#0-PASS



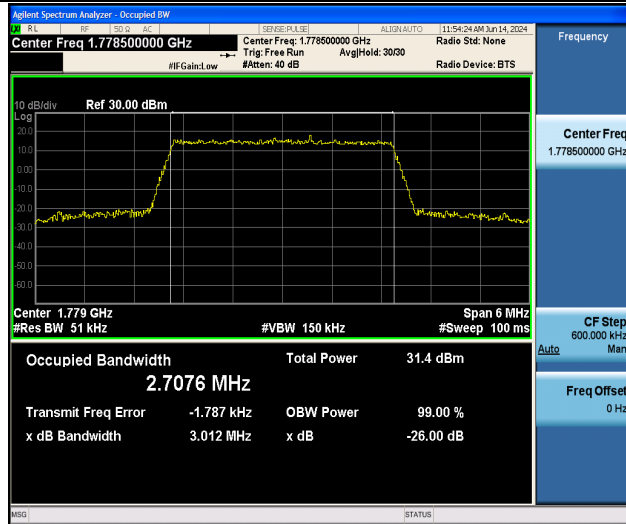
Band66-3MHz-16QAM-131987-15RB#0-PASS



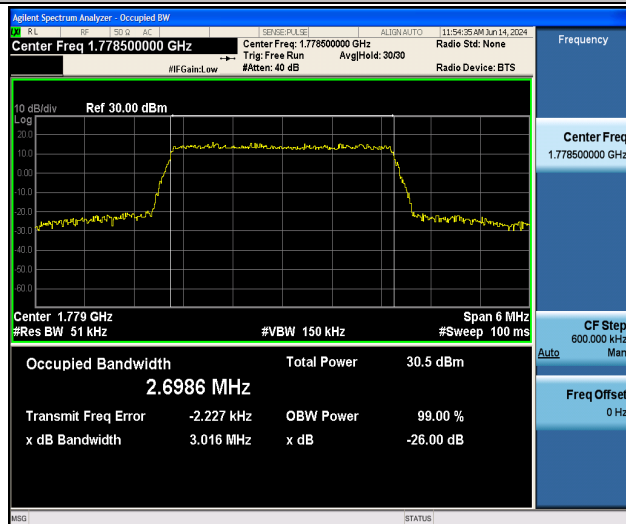
Band66-3MHz-QPSK-132322-15RB#0-PASS



Band66-3MHz-16QAM-132322-15RB#0-PASS



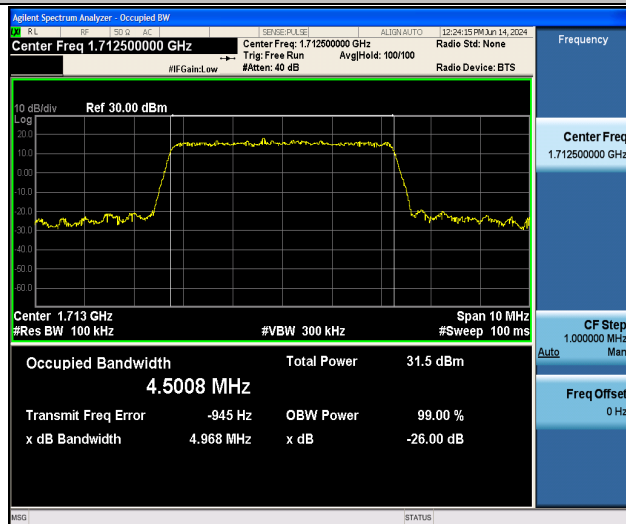
Band66-3MHz-QPSK-132657-15RB#0-PASS



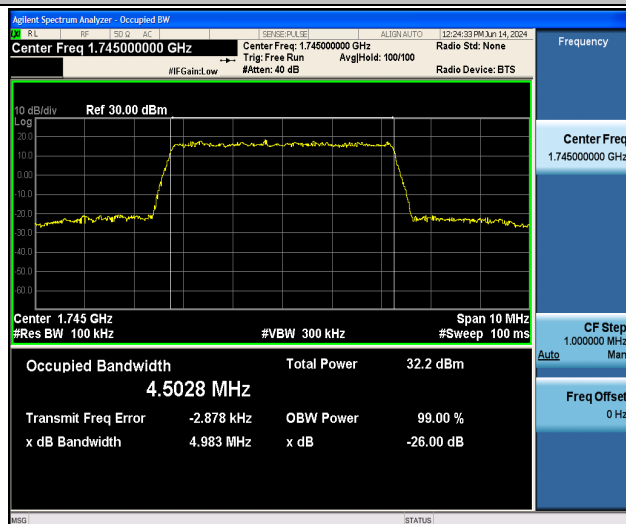
Band66-3MHz-16QAM-132657-15RB#0-PASS



Band66-5MHz-QPSK-131997-25RB#0-PASS



Band66-5MHz-16QAM-131997-25RB#0-PASS



Band66-5MHz-QPSK-132322-25RB#0-PASS