

Appendix RF Test Data for LTE Band 4

Company: : Shenzhen Wufang Technology Co., Ltd.

EUT : Tablet

Model Number : X1

FCC ID : 2BMOX-X1

Report No. : CTA25081801104

Reviewed By : Eric Wang

Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	20.76	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.67	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	20.79	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.53	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.04	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.35	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	20.92	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.26	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	20.91	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.25	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.06	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.25	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.38	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.22	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.39	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.28	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.36	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.19	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.89	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.12	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.14	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.11	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.13	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.16	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.03	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.37	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.92	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.89	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.75	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.91	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.88	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.95	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.79	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.82	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.88	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.83	PASS

Band4	1.4MHz	16QAM	20393	3RB#1	21.07	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.87	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.06	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.98	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.41	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.07	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.37	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.08	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.39	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.96	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.34	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.36	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.85	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.38	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.85	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.31	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.74	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.29	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.71	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.14	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.80	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.07	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.72	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.26	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.45	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.37	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.81	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.36	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.81	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.35	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.86	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.39	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.50	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.99	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.45	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.92	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.47	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.98	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.53	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.21	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.64	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.29	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.65	PASS

Band4	3MHz	QPSK	20385	8RB#7	22.25	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.64	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.33	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.72	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.12	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.88	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.09	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.84	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.10	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.84	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.31	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.63	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.38	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.63	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.37	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.64	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.33	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.70	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.94	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.76	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.92	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.70	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.82	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.69	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.38	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.85	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.37	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.72	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.36	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.69	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.31	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.50	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.07	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.99	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.08	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.99	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.28	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.18	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.31	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.56	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.41	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.54	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.31	PASS

Band4	5MHz	16QAM	20375	12RB#13	21.60	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.35	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.57	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.98	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.37	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.94	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.39	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.97	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.44	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.31	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.54	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.26	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.54	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.30	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.51	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.25	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.55	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.09	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.49	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.04	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.38	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.07	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.37	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.30	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.73	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.39	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.78	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.31	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.73	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.26	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.72	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.81	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.86	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.83	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.81	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.87	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.91	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.33	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.55	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.26	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.66	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.26	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.59	PASS

Band4	10MHz	QPSK	20350	50RB#0	22.28	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.68	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.01	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.42	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.97	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.34	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.93	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.39	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.30	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.30	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.30	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.29	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.29	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.29	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.28	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.60	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.70	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.31	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.64	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.23	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.57	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.18	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.25	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.24	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.35	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.35	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.34	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.34	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.34	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.67	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.84	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.73	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.82	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.62	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.93	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.67	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.29	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.30	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.30	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.31	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.31	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.31	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.31	PASS

Band4	15MHz	16QAM	20325	75RB#0	21.65	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.02	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.26	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.98	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.40	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.45	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.46	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.32	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.71	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.25	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.72	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.27	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.71	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.35	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.62	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.08	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.12	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.02	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.01	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.88	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.31	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.66	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.38	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.65	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.32	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.67	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.27	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.72	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.19	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.98	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.10	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.93	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.14	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.90	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.25	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.79	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.35	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.78	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.30	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.73	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.28	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.60	PASS

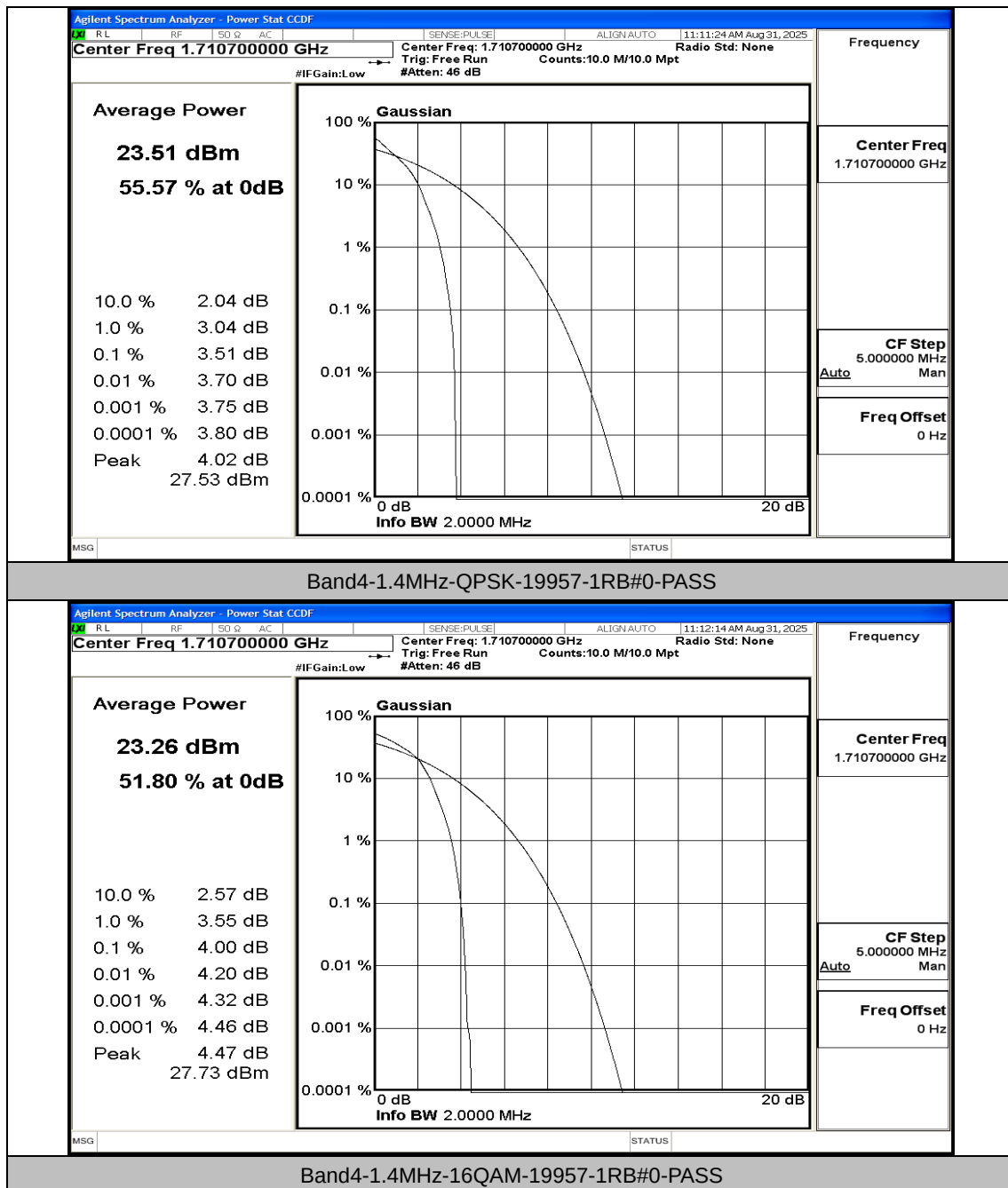
Appendix B: Peak-to-Average Ratio(CCDF)

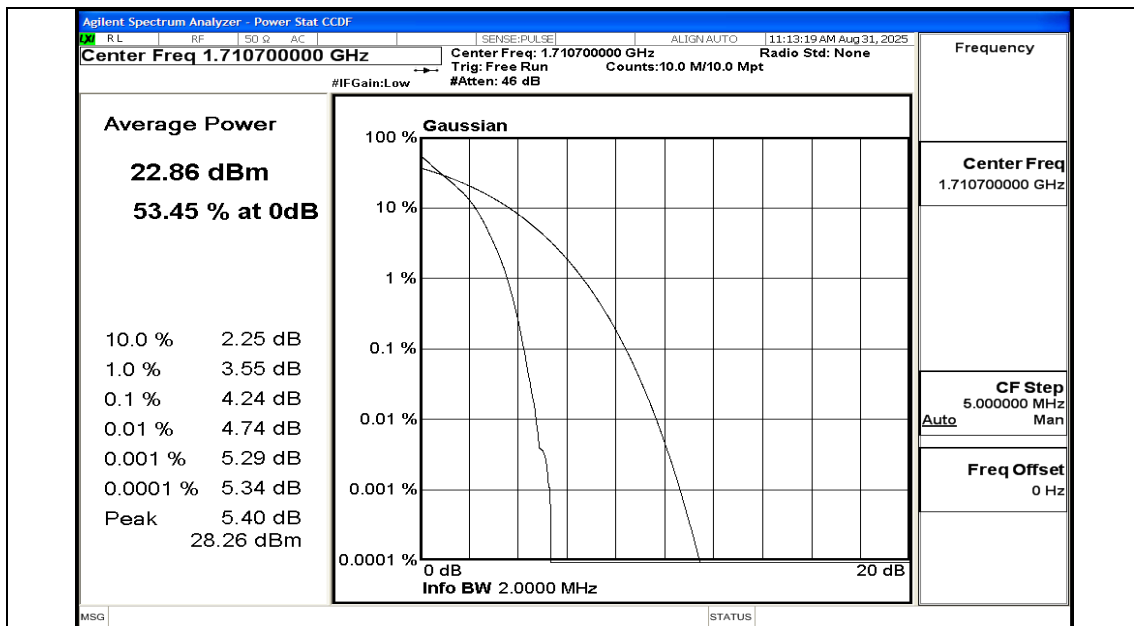
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	3.51	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.00	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.24	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.84	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.63	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.09	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.55	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.12	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.30	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3.78	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.21	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.83	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.48	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.16	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.28	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	4.91	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.75	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.46	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.56	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.22	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.35	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.08	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.15	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.83	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.58	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.31	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.85	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.37	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.92	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.76	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.98	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.56	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.28	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.17	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.69	13	PASS

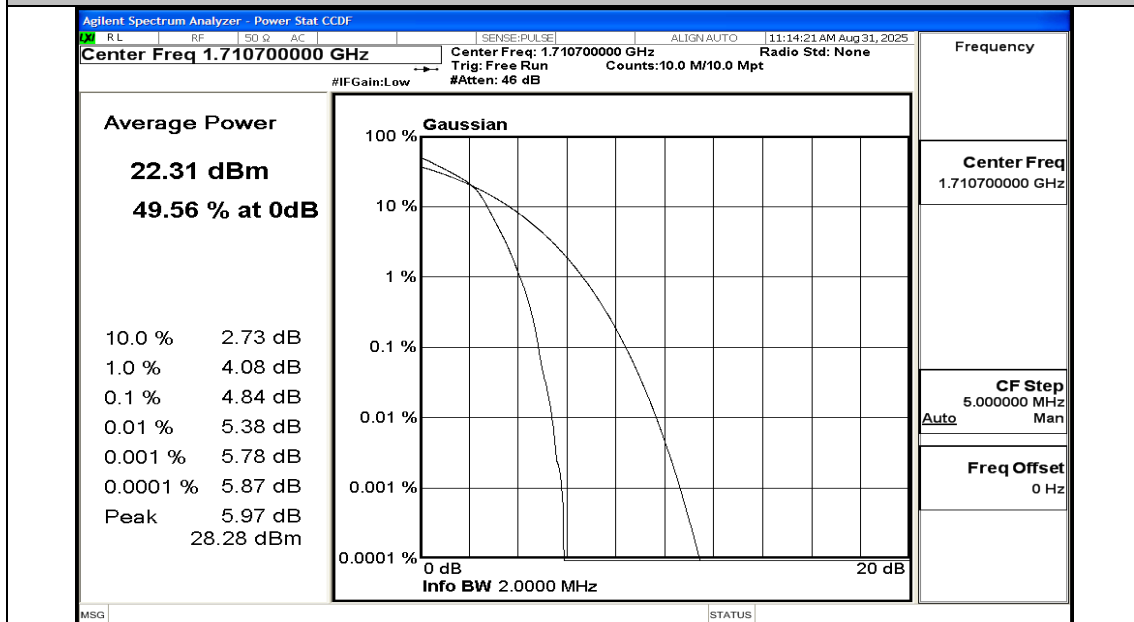
Band4	5MHz	16QAM	20375	25RB#0	5.26	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.51	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.16	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.94	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.52	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.99	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.57	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.99	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.61	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	2.96	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	3.99	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.66	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.26	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.50	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.10	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.25	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.70	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.05	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.68	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.23	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.71	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.35	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	3.82	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.89	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.37	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.21	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.02	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.03	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.65	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.02	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.63	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.95	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.58	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.34	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	3.93	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.66	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.24	13	PASS

Test Graphs

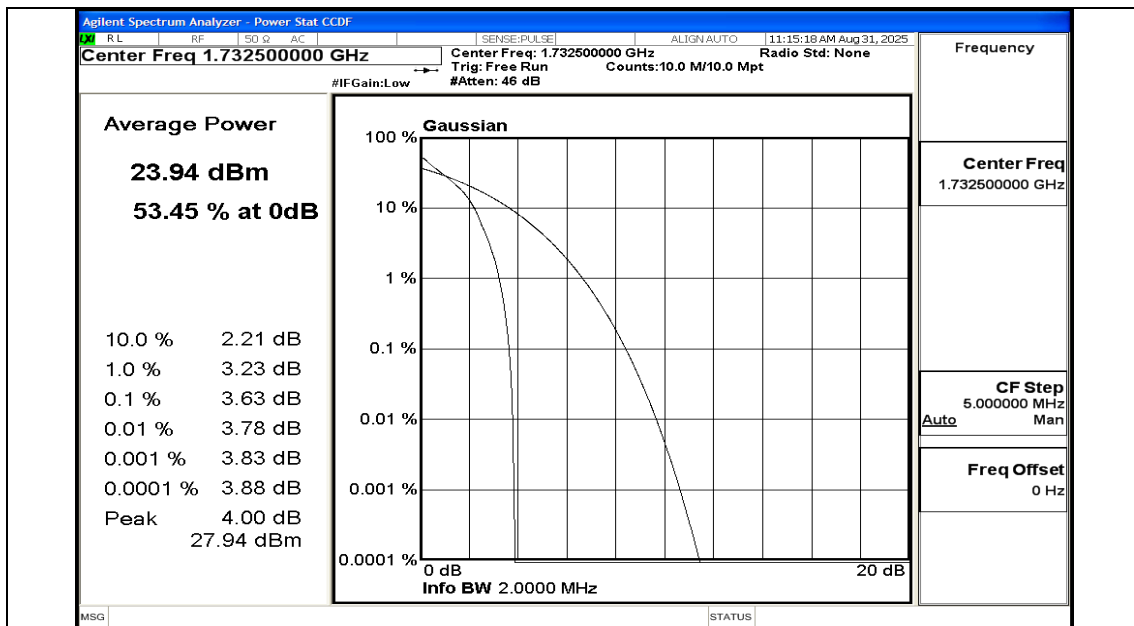




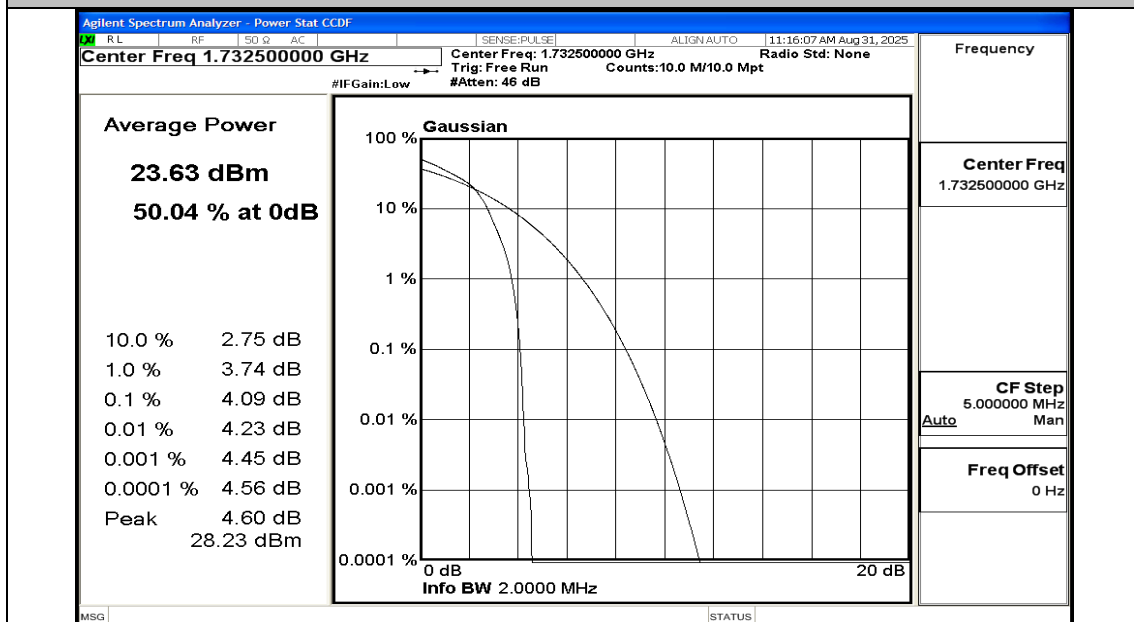
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



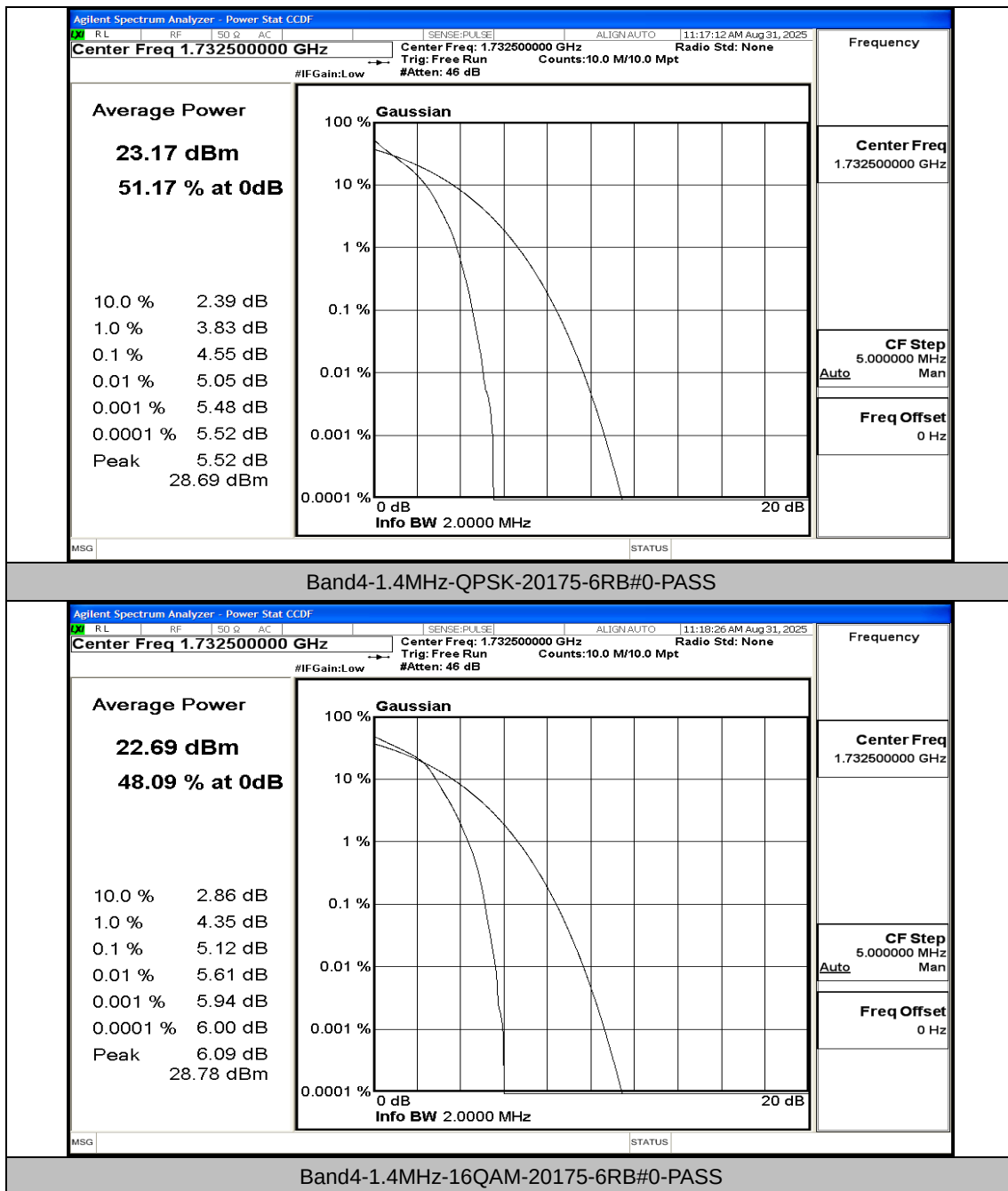
Band4-1.4MHz-16QAM-19957-6RB#0-PASS

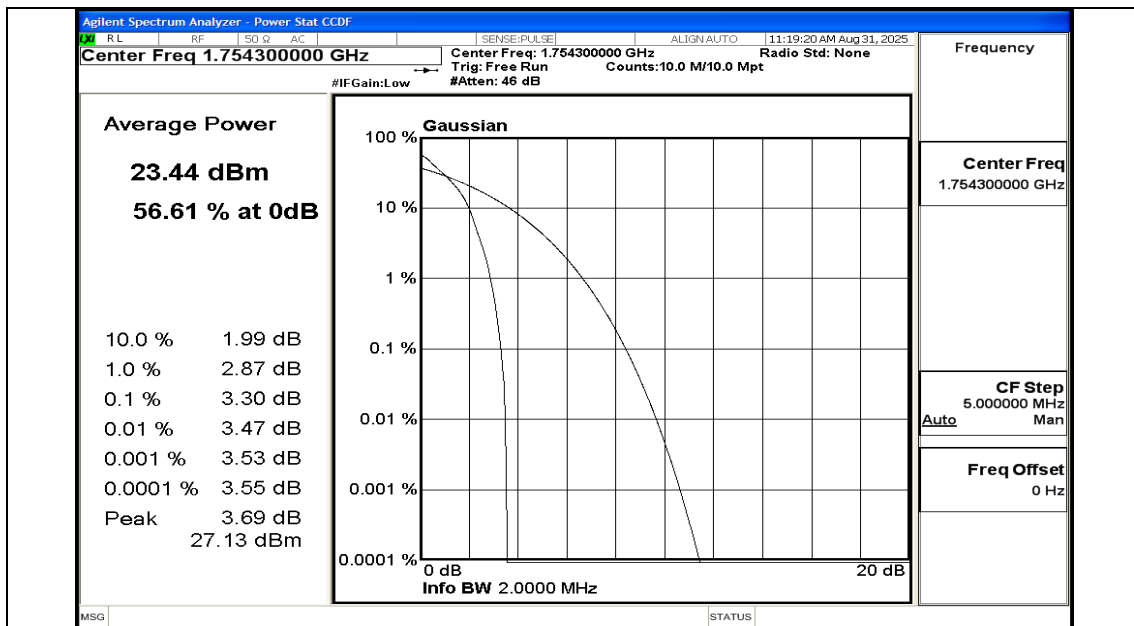


Band4-1.4MHz-QPSK-20175-1RB#0-PASS

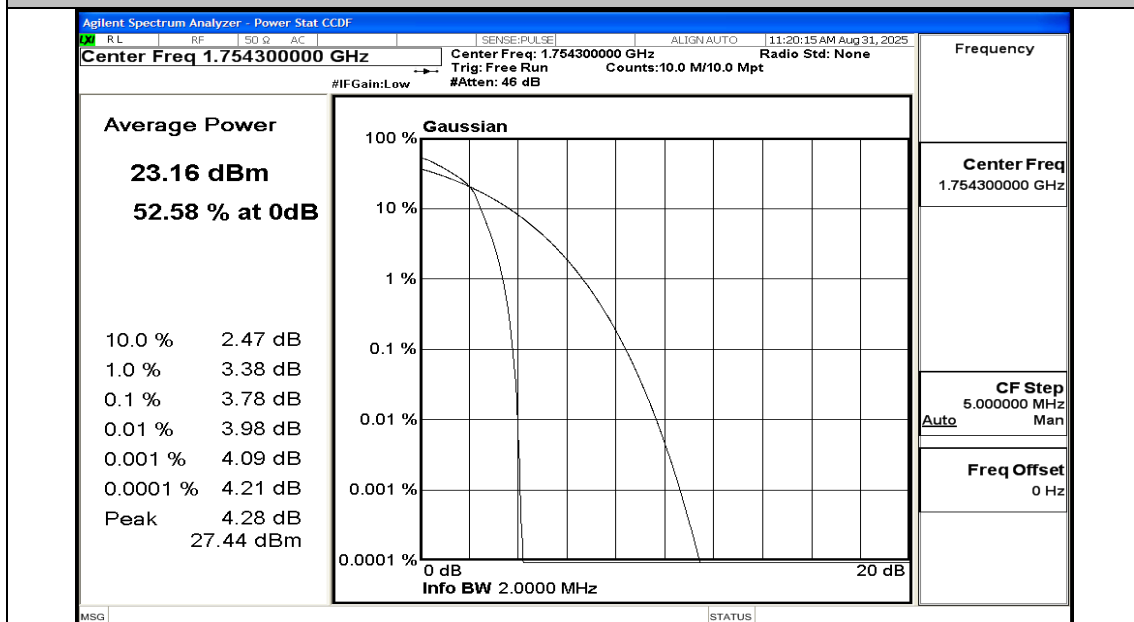


Band4-1.4MHz-16QAM-20175-1RB#0-PASS

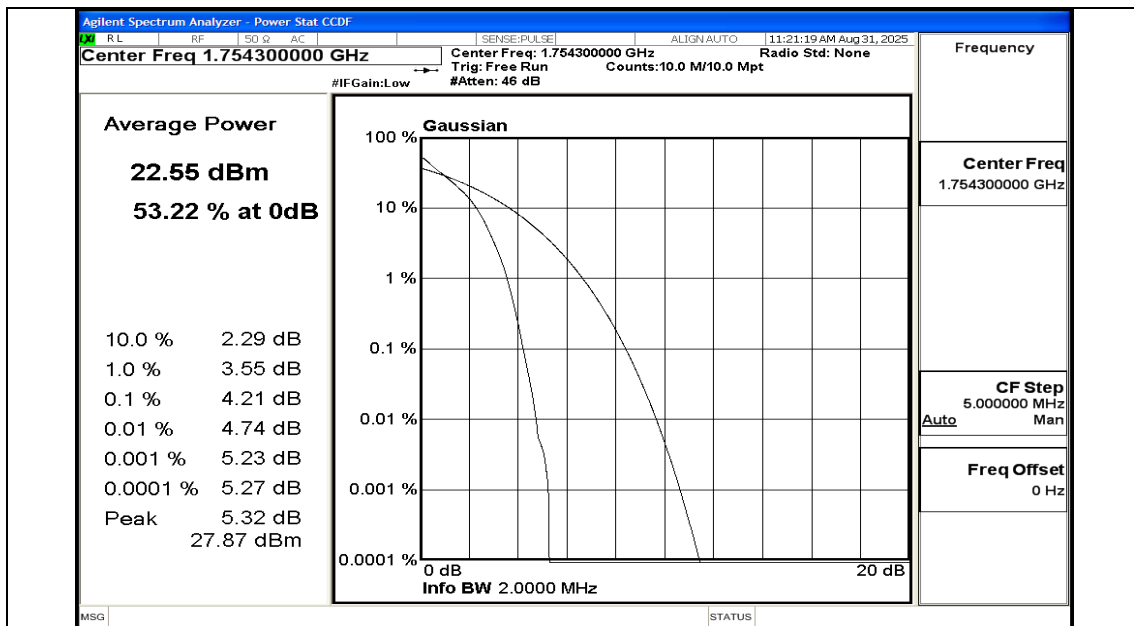




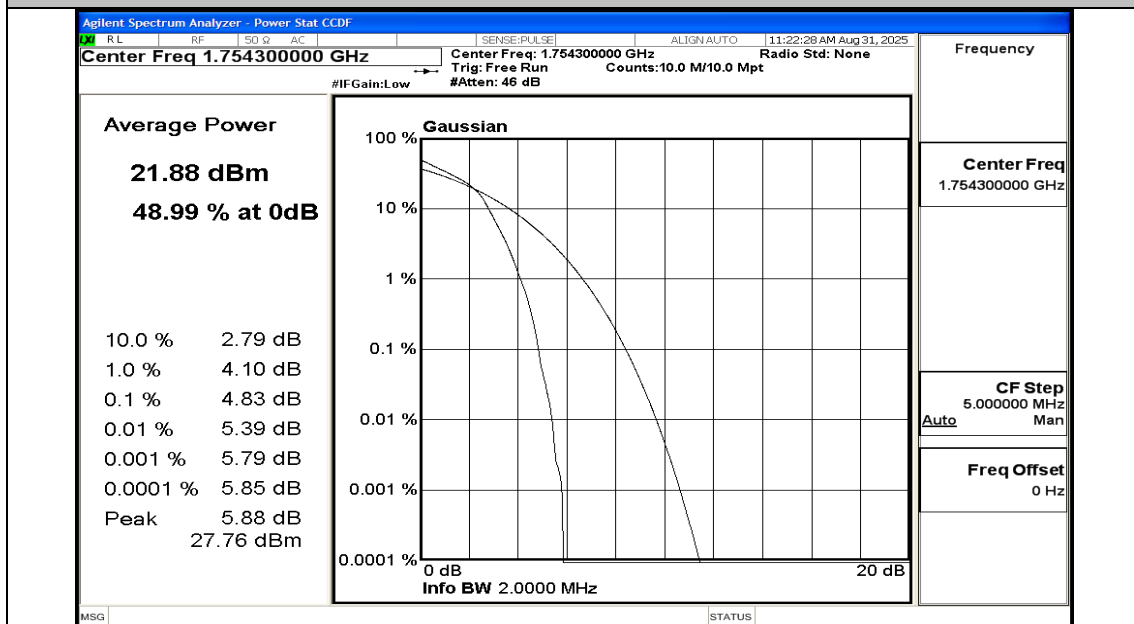
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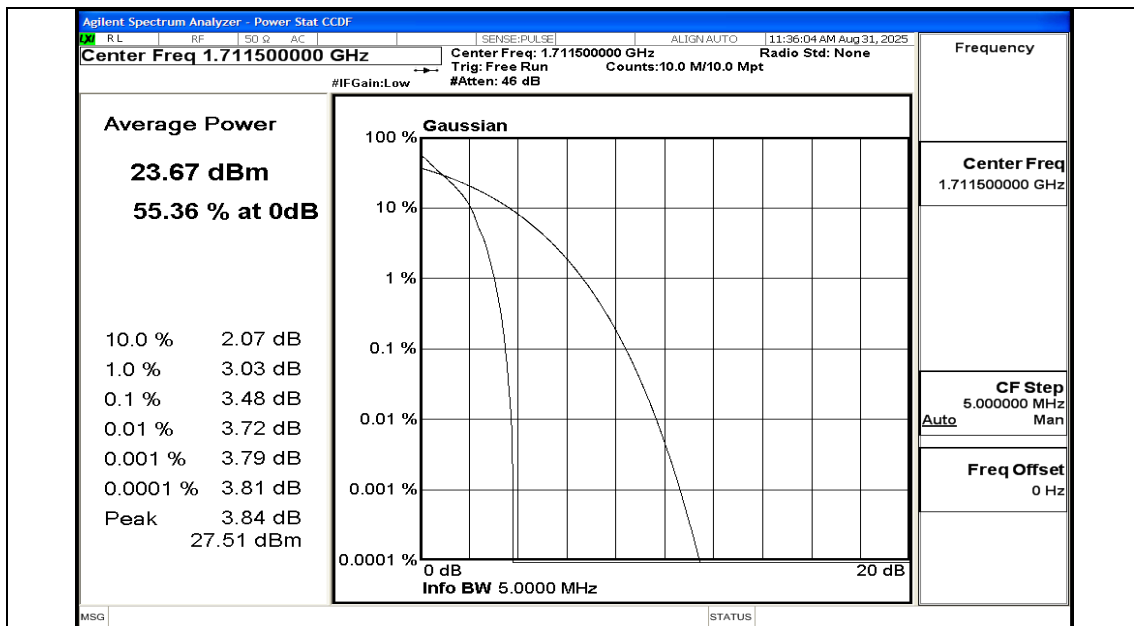
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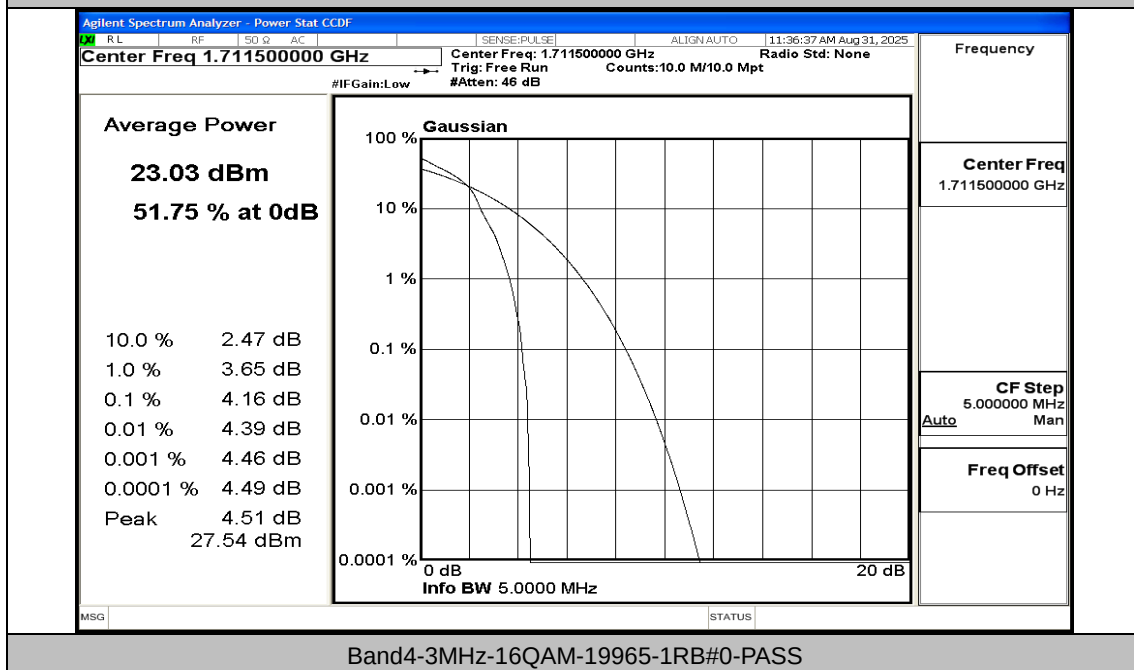
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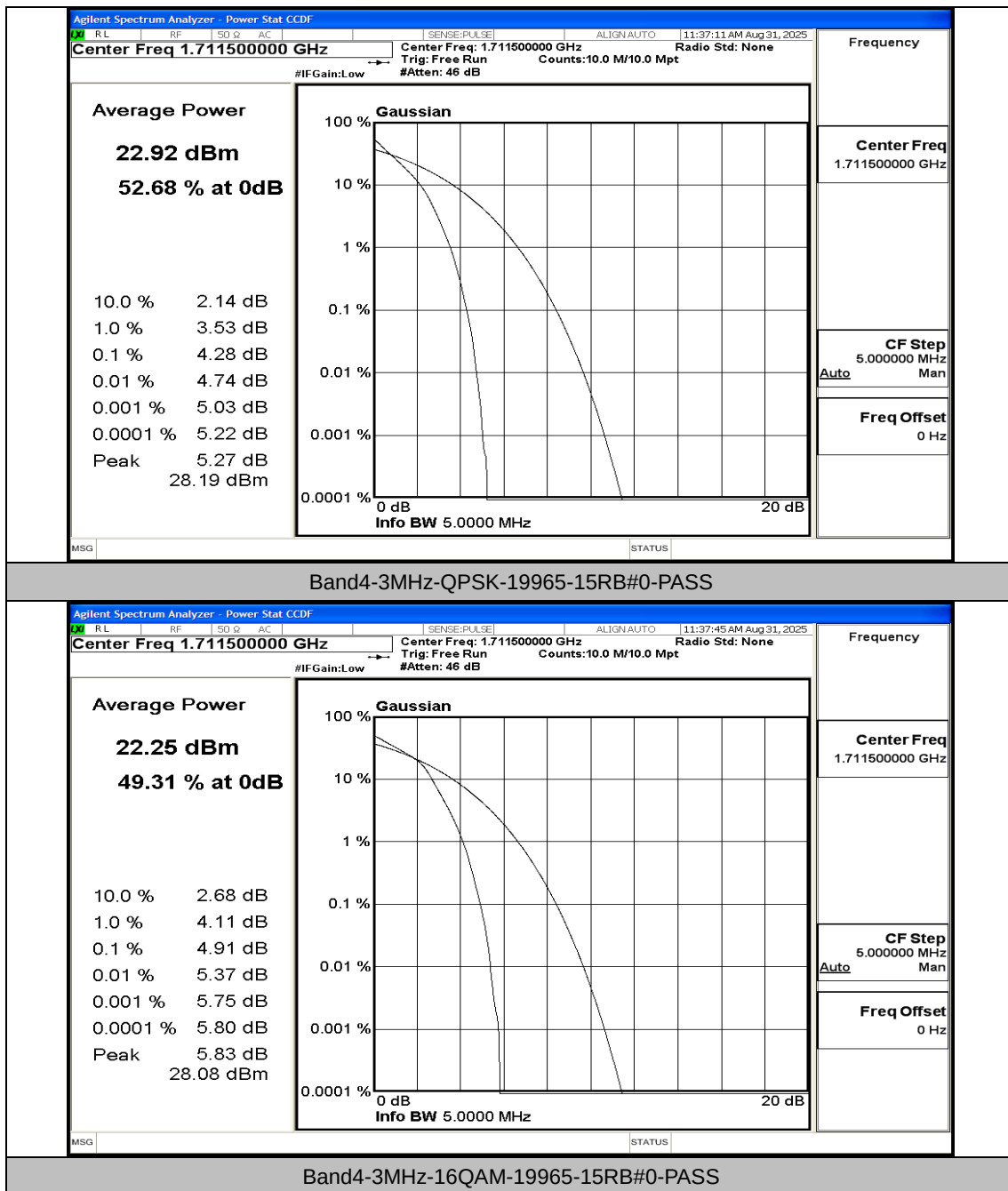
Band4-1.4MHz-16QAM-20393-6RB#0-PASS

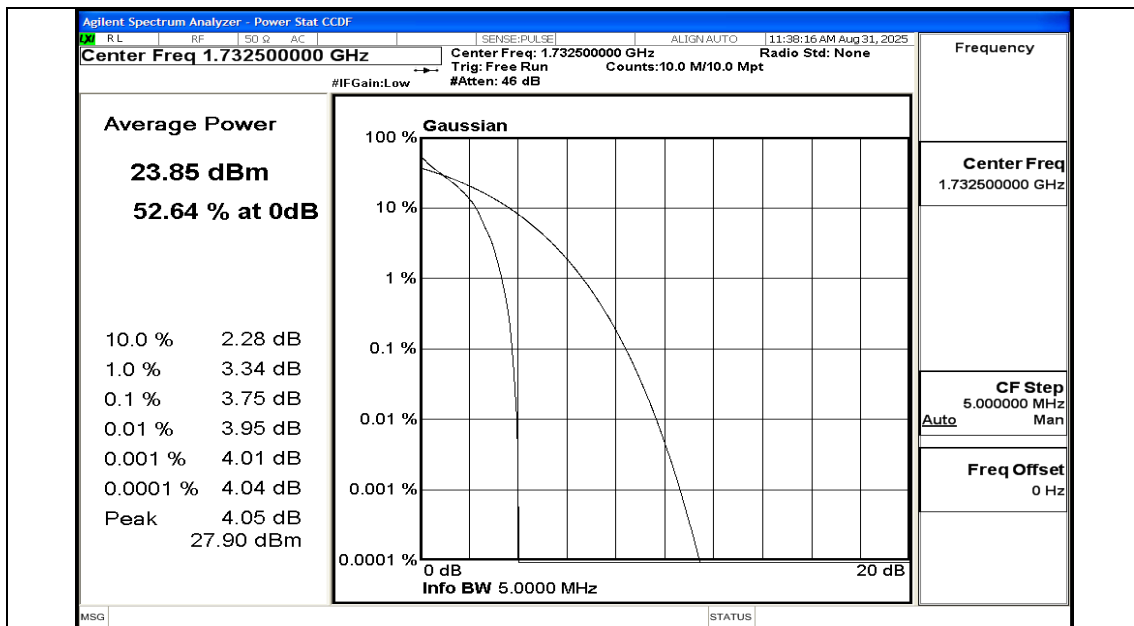


Band4-3MHz-QPSK-19965-1RB#0-PASS

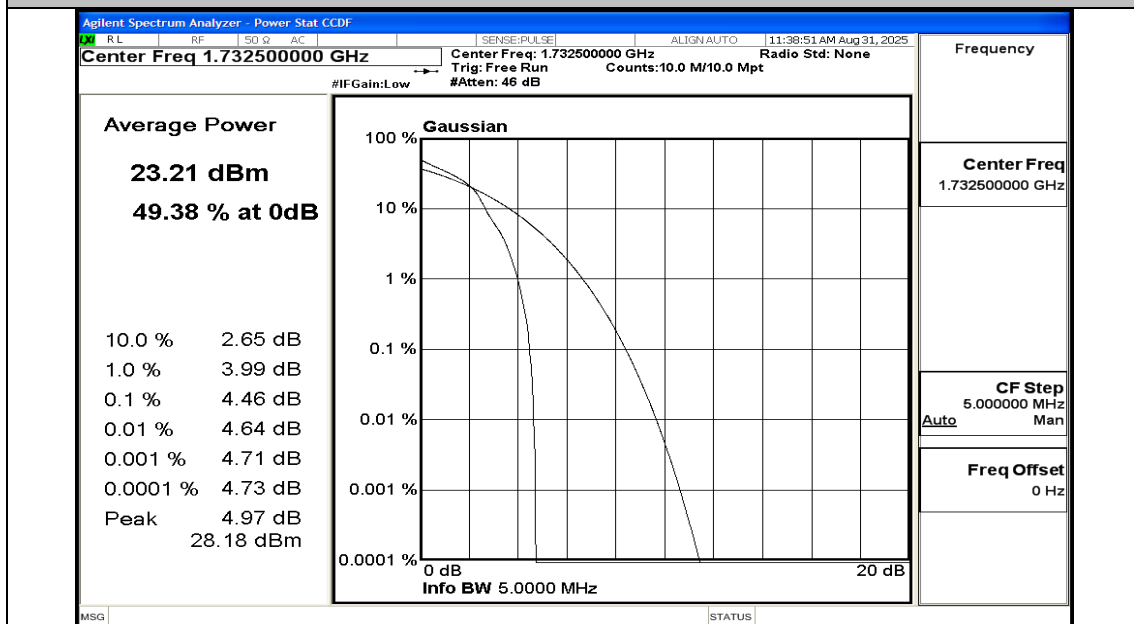


Band4-3MHz-16QAM-19965-1RB#0-PASS

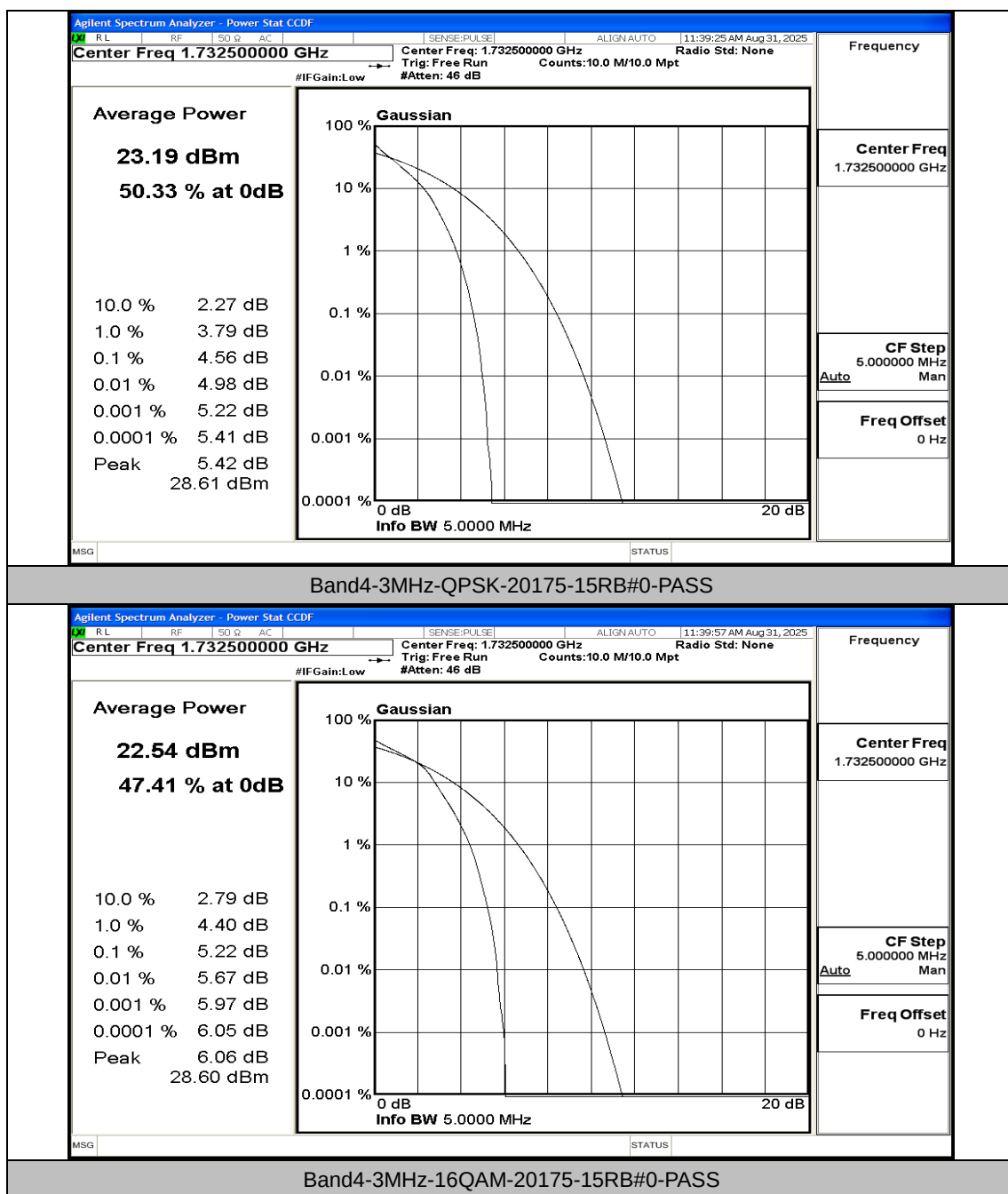


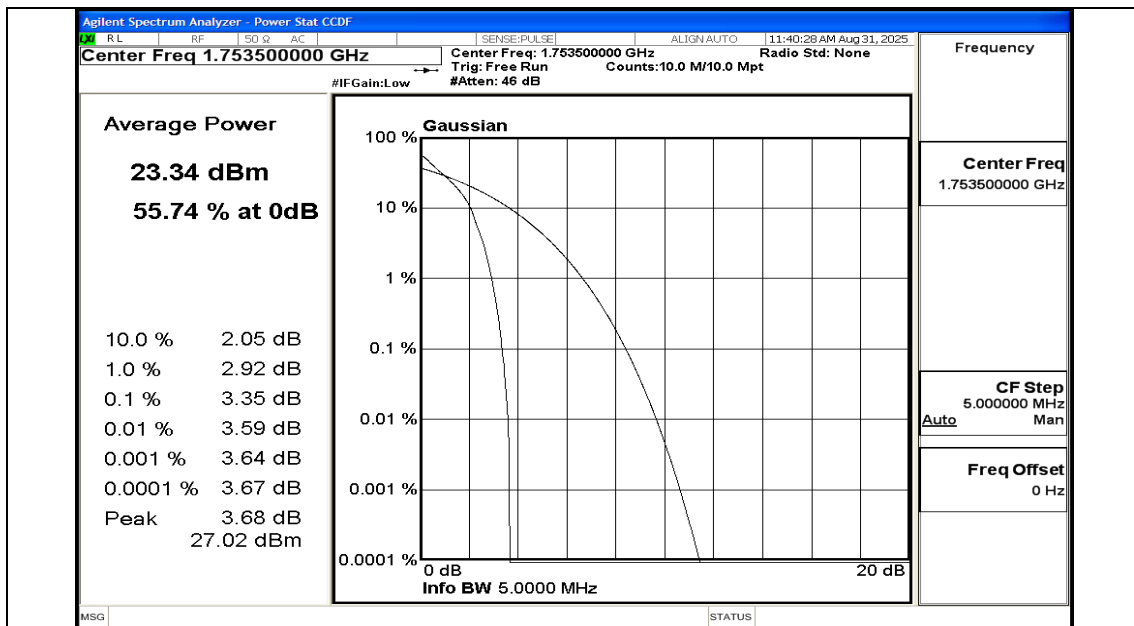


Band4-3MHz-QPSK-20175-1RB#0-PASS

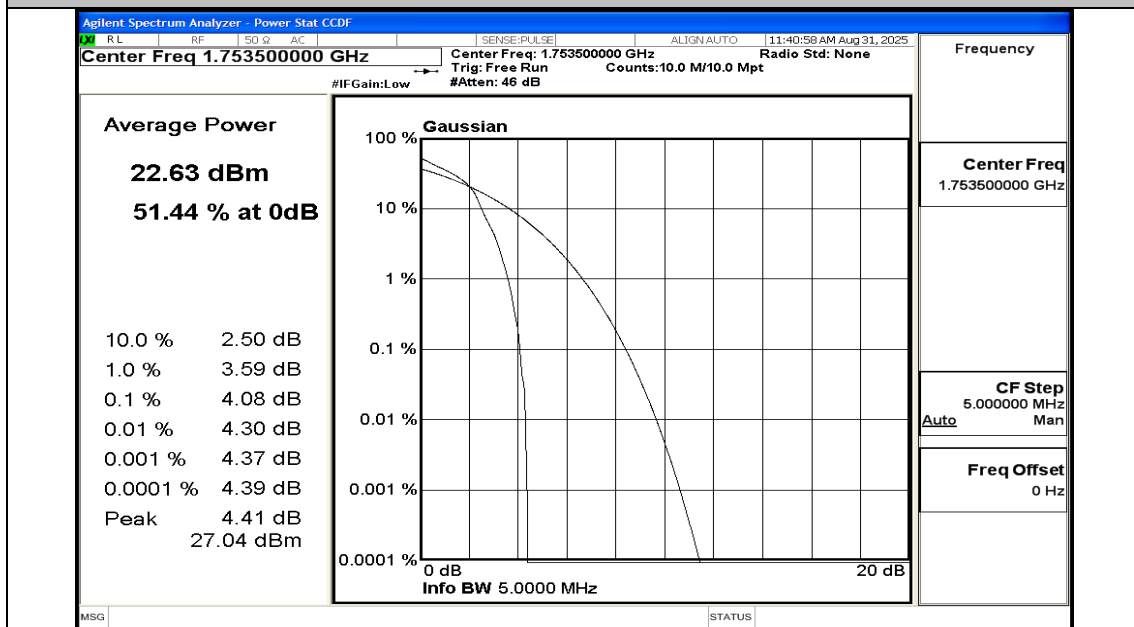


Band4-3MHz-16QAM-20175-1RB#0-PASS

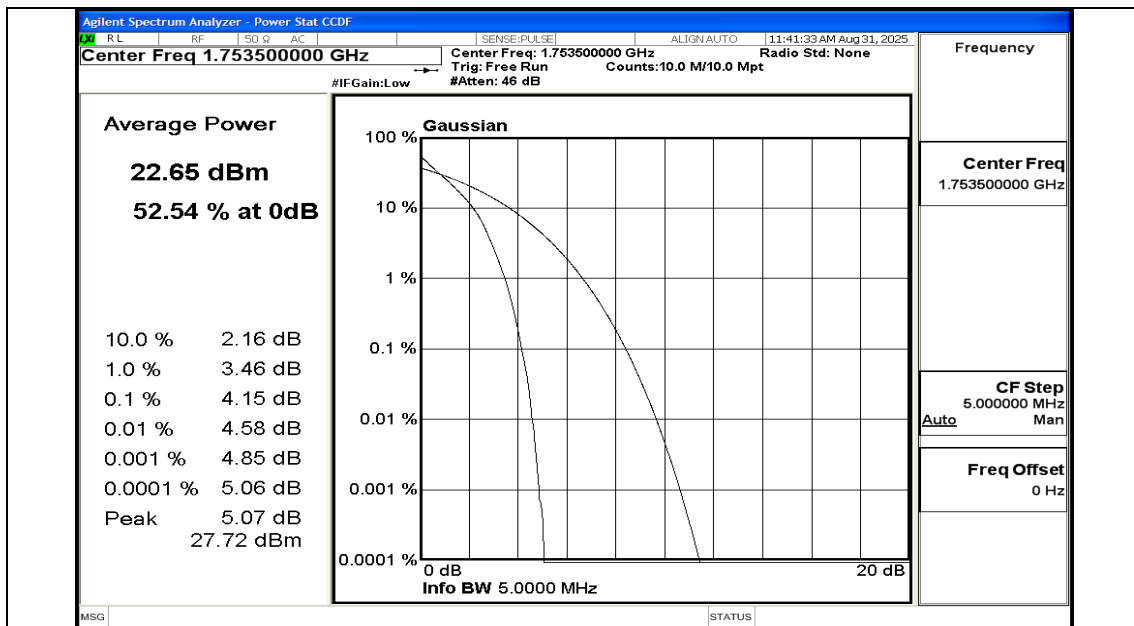




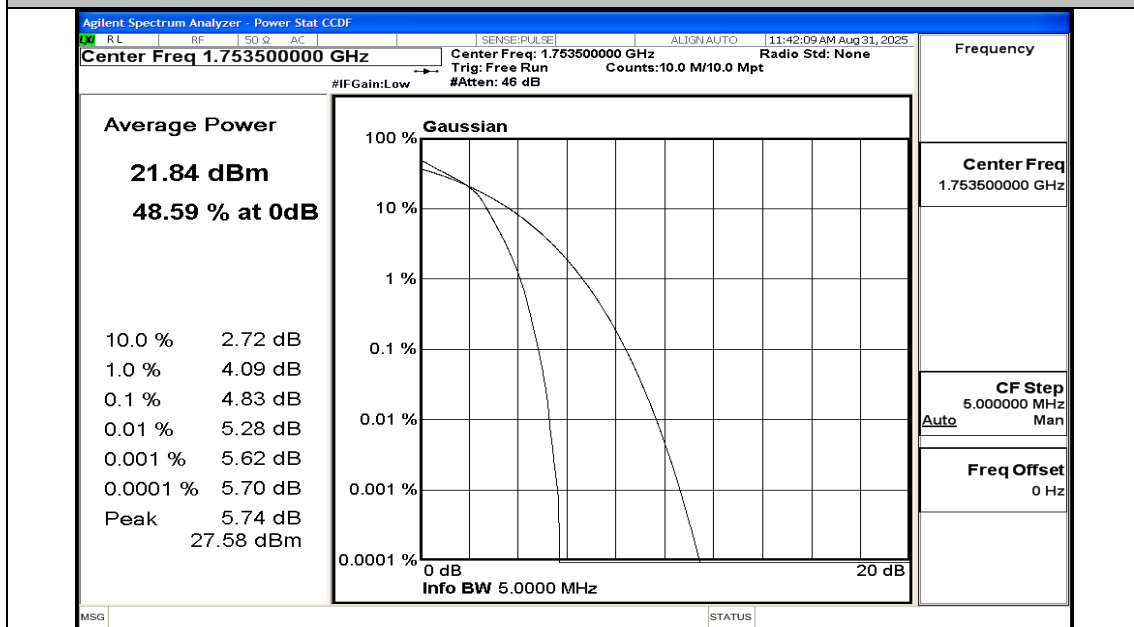
Band4-3MHz-QPSK-20385-1RB#0-PASS



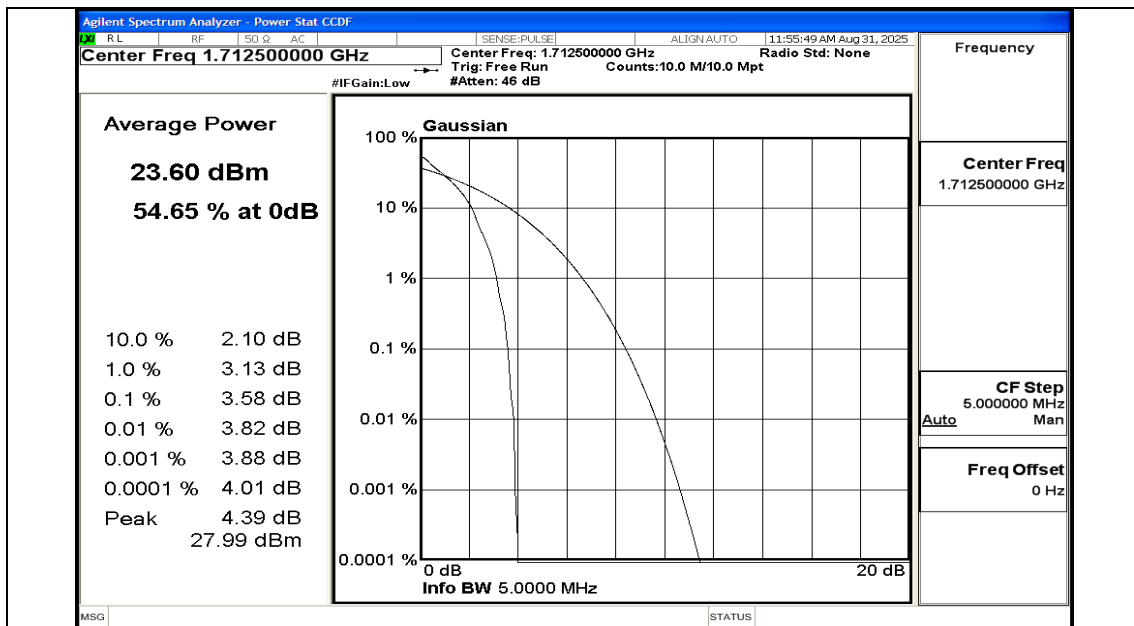
Band4-3MHz-16QAM-20385-1RB#0-PASS



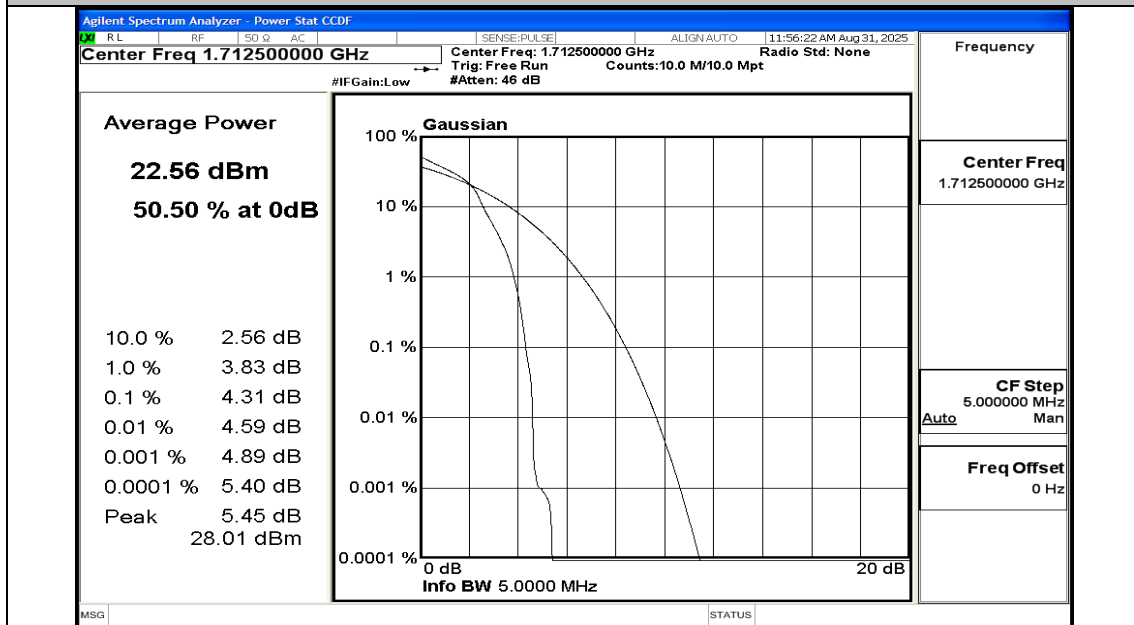
Band4-3MHz-QPSK-20385-15RB#0-PASS



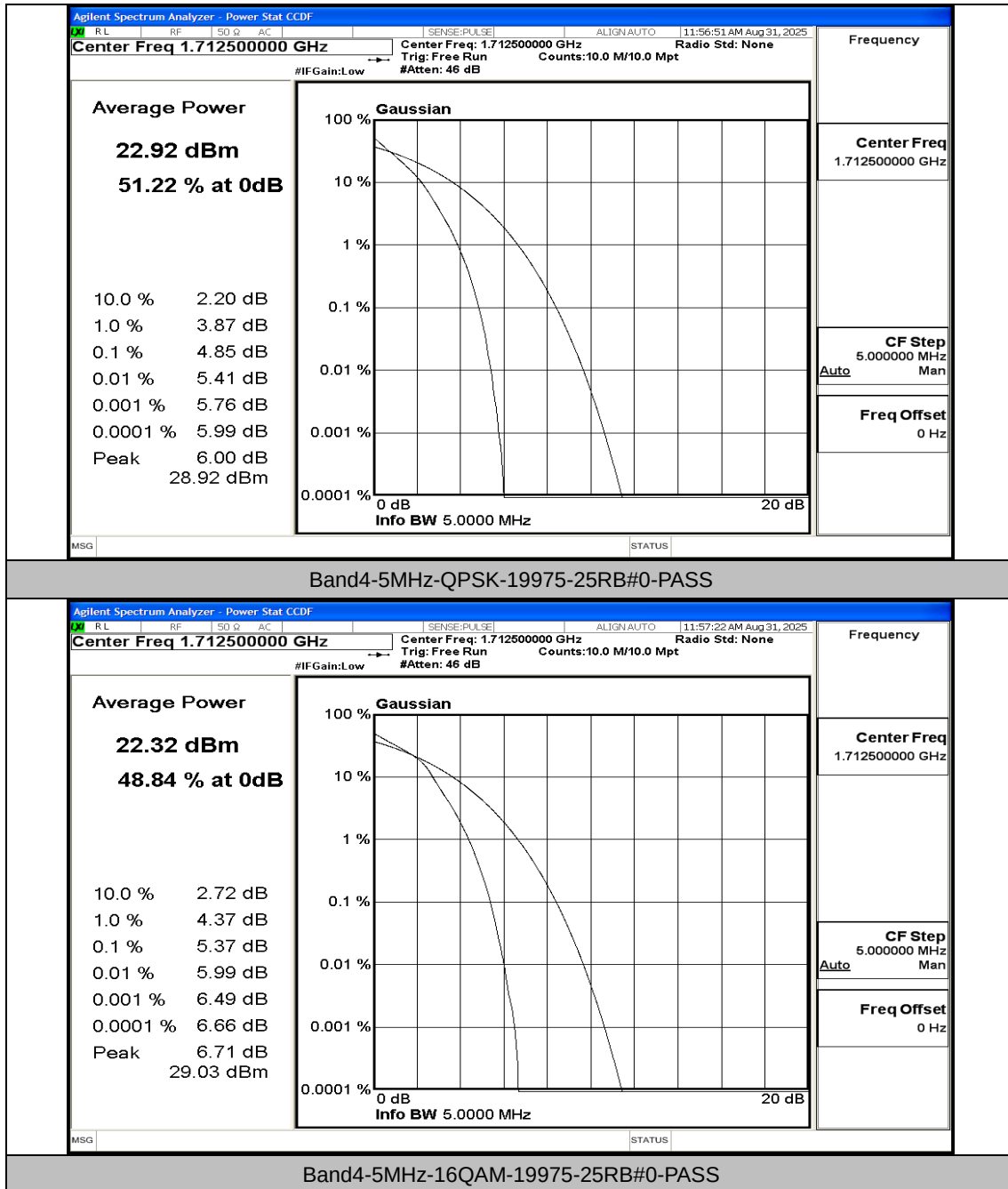
Band4-3MHz-16QAM-20385-15RB#0-PASS

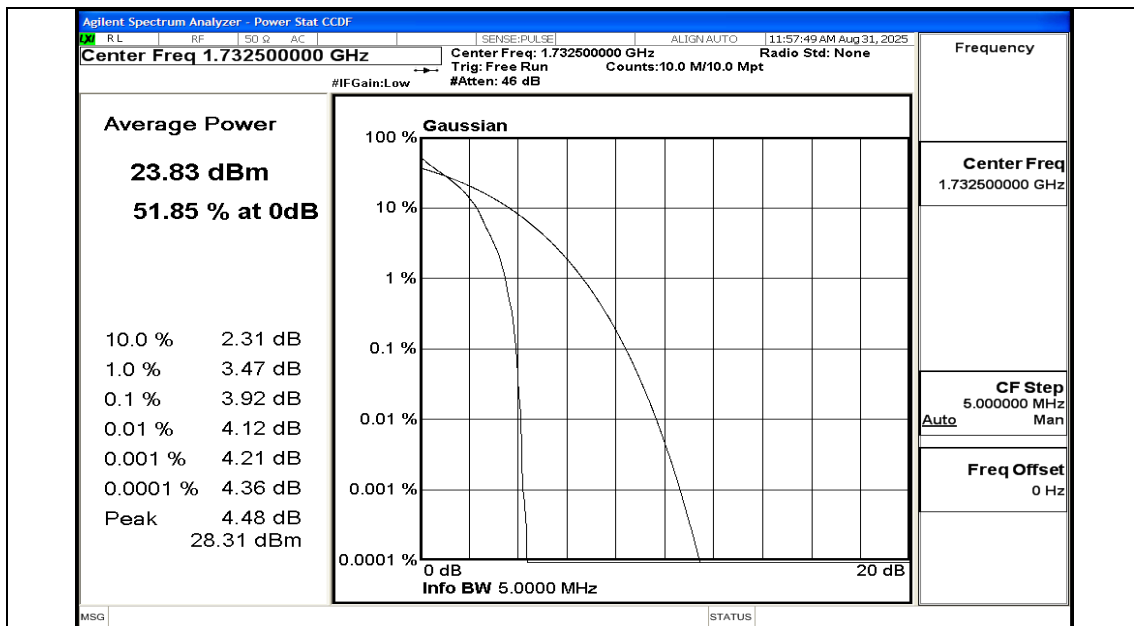


Band4-5MHz-QPSK-19975-1RB#0-PASS

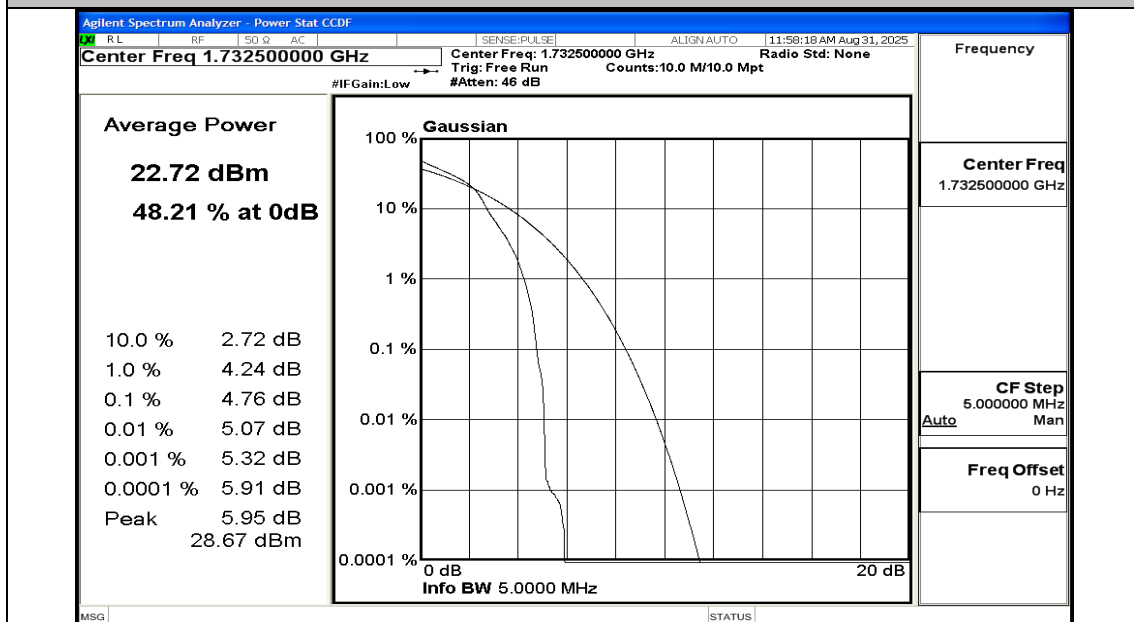


Band4-5MHz-16QAM-19975-1RB#0-PASS

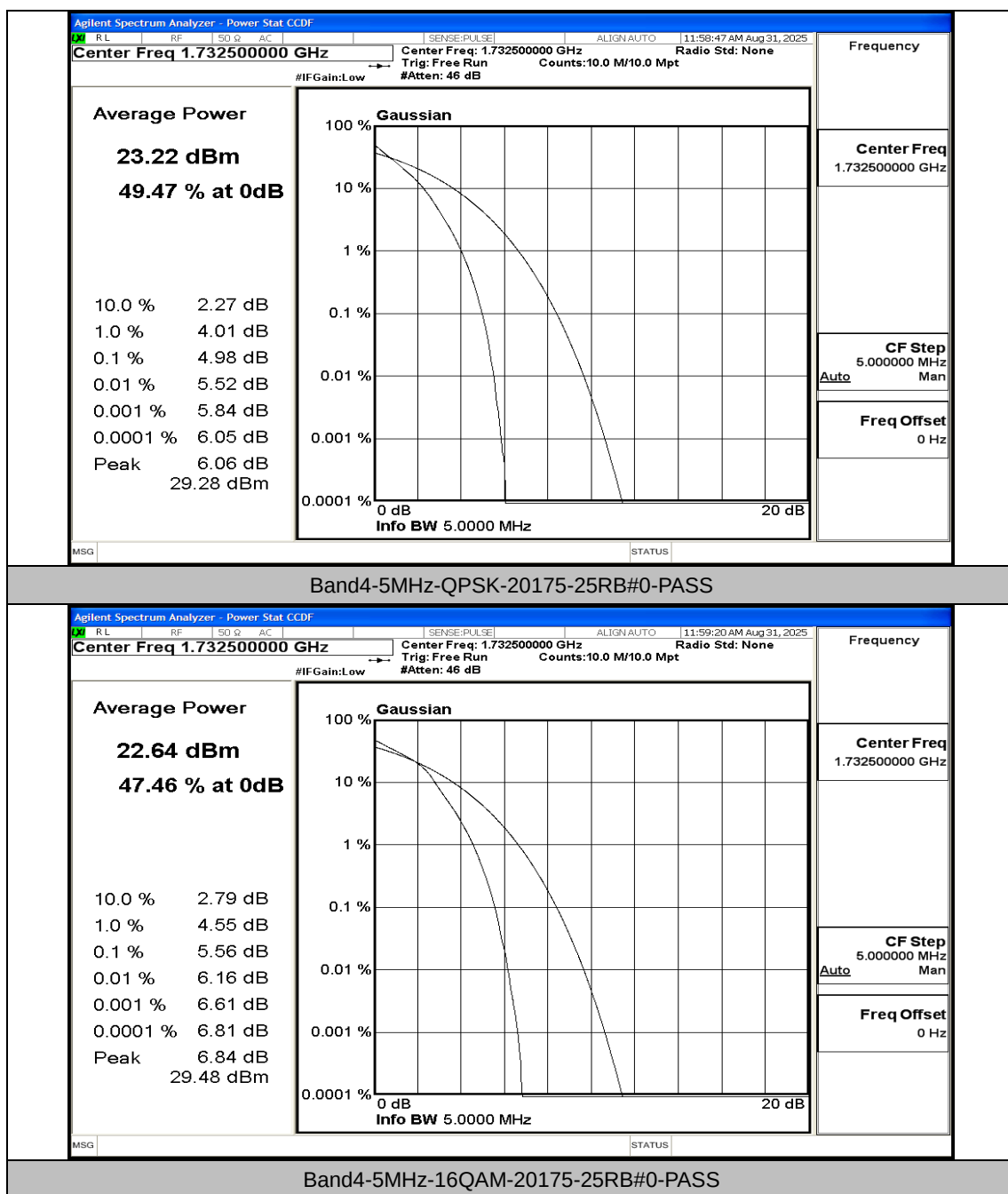


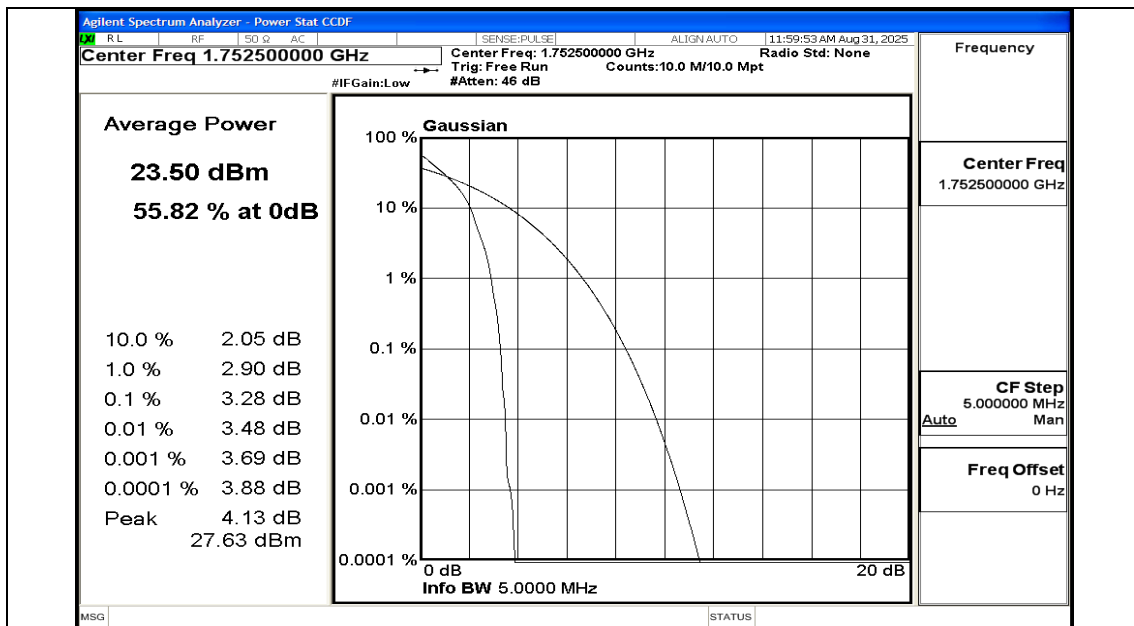


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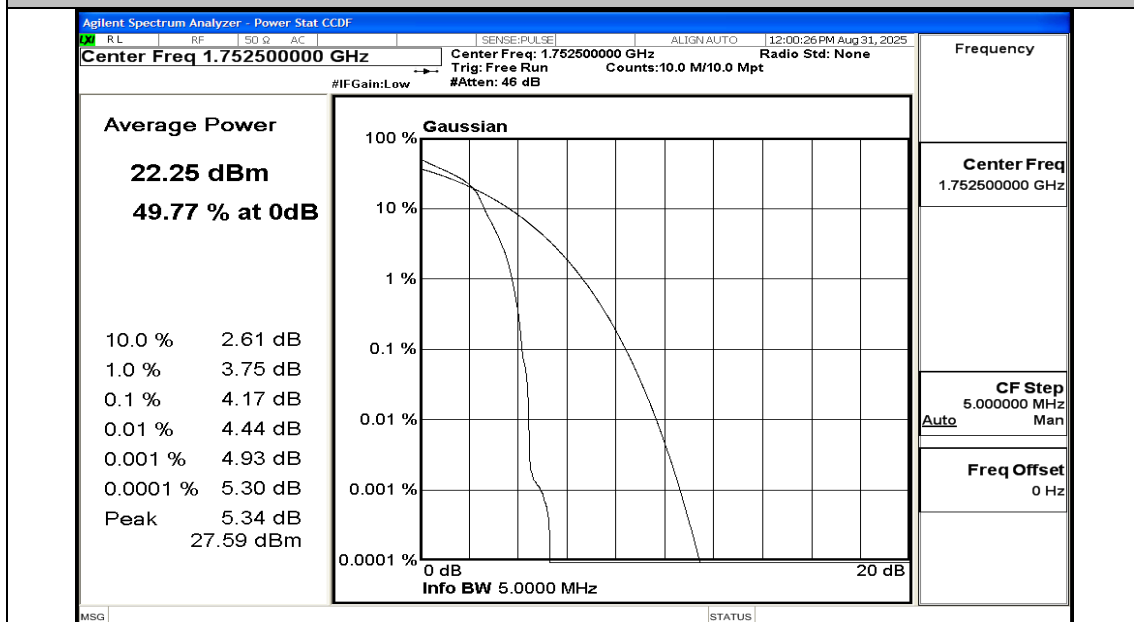


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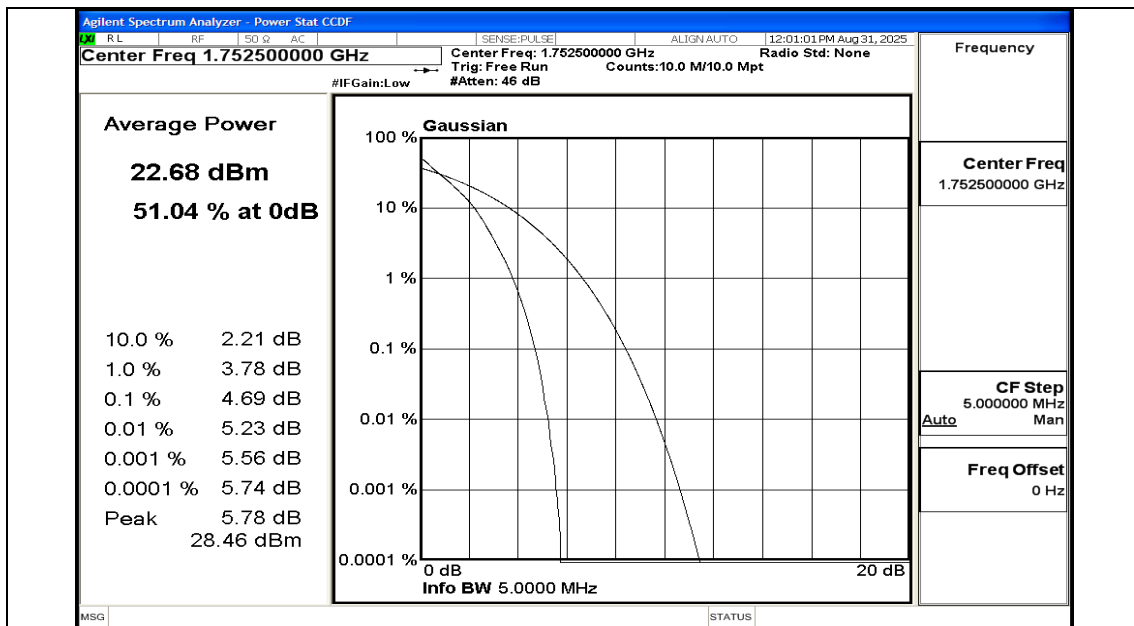




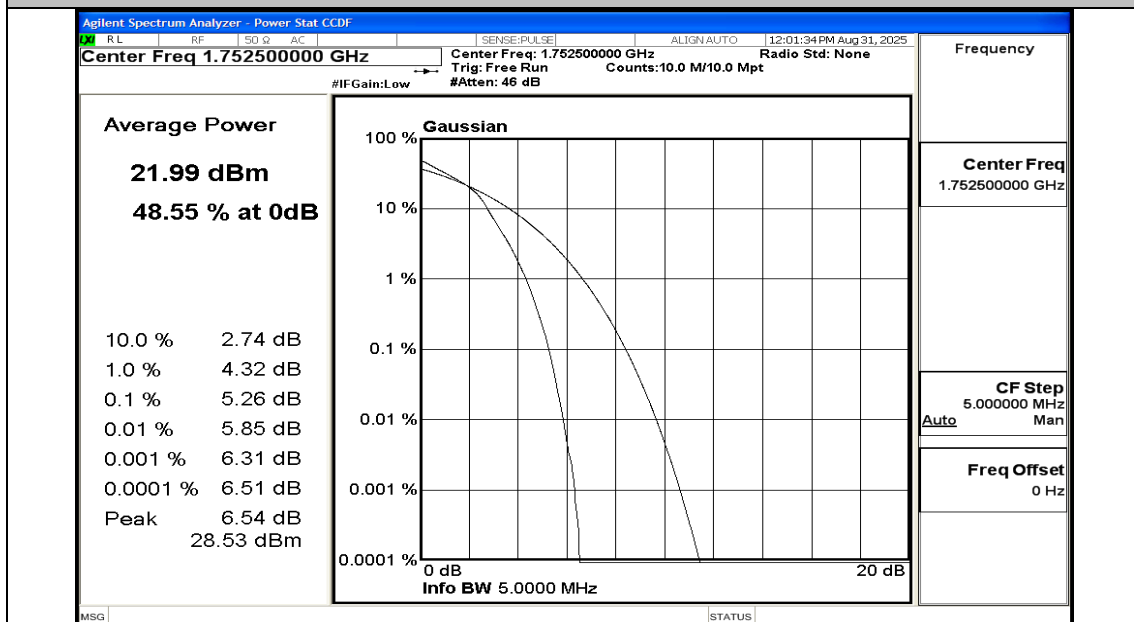
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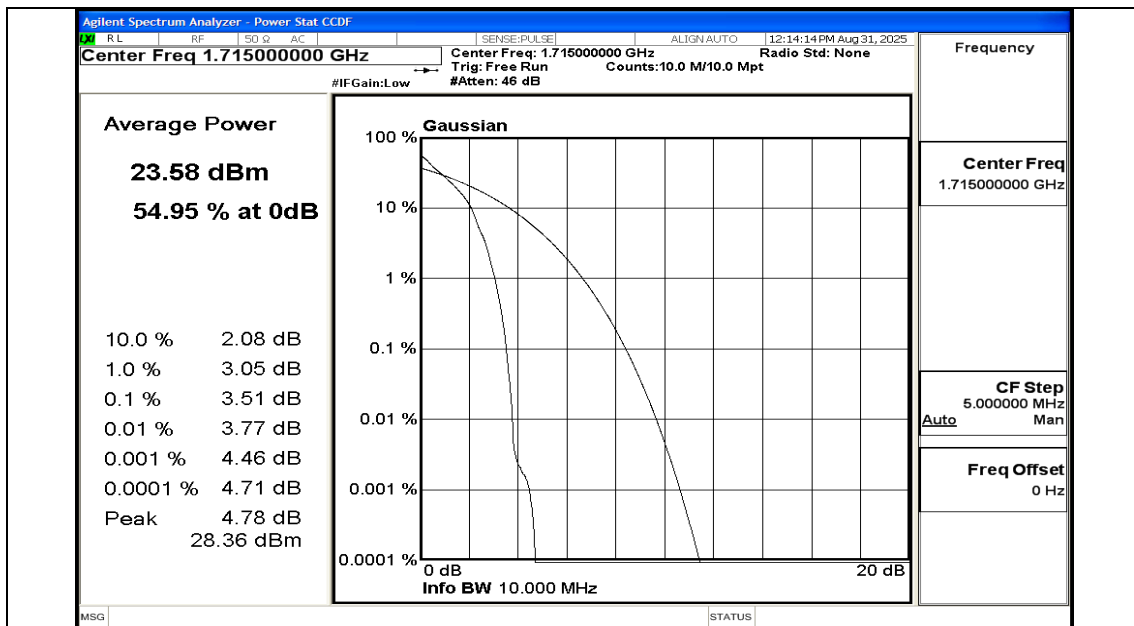
Band4-5MHz-16QAM-20375-1RB#0-PASS



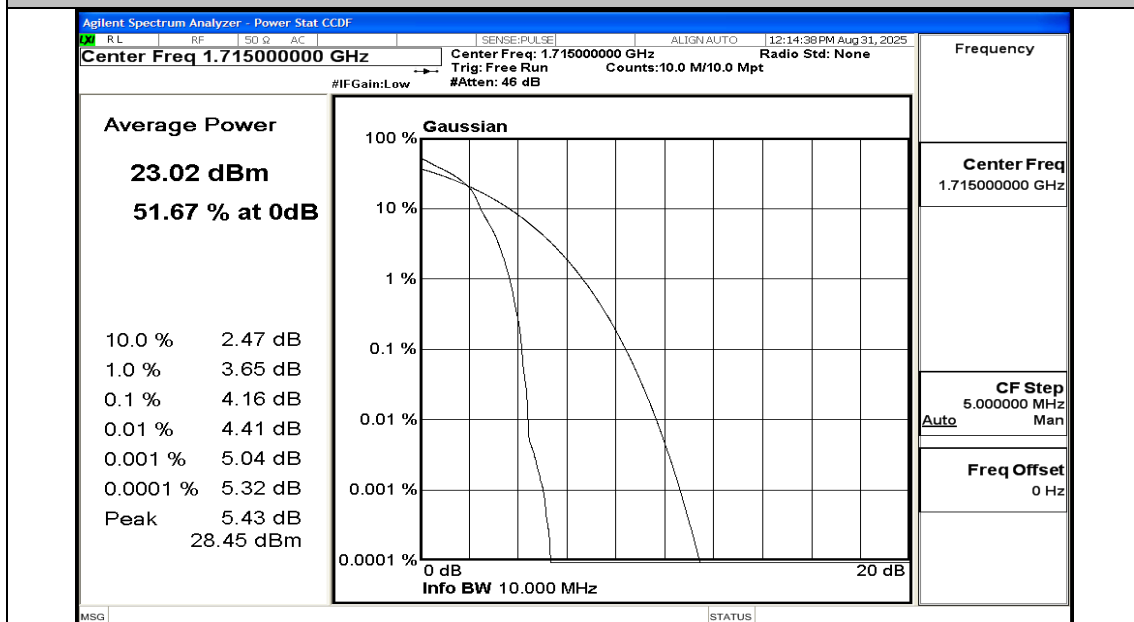
Band4-5MHz-QPSK-20375-25RB#0-PASS



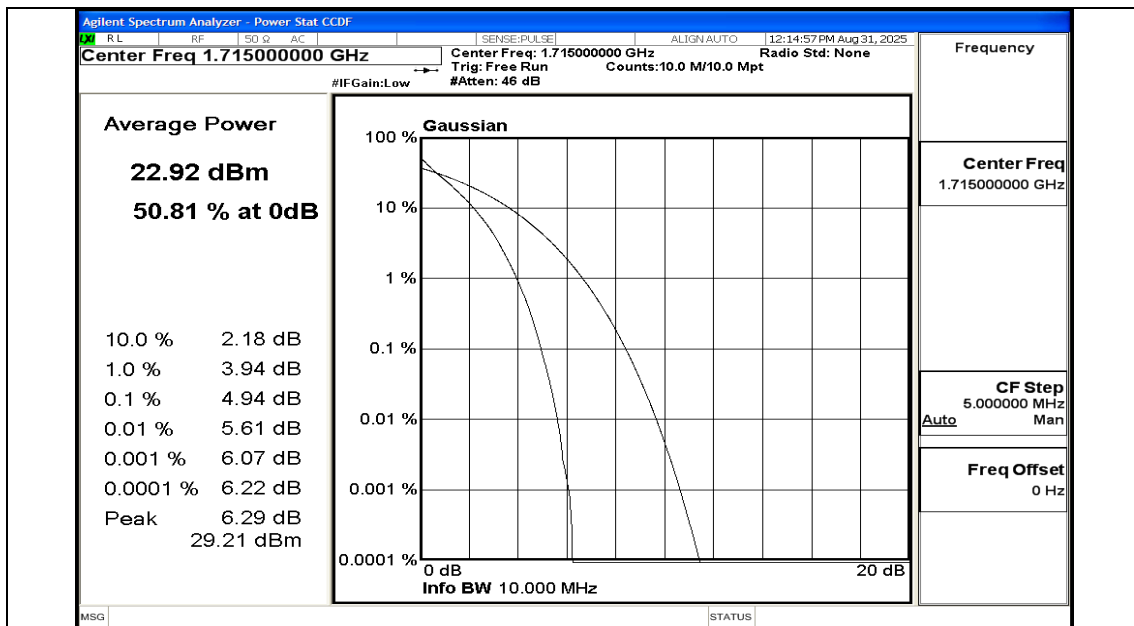
Band4-5MHz-16QAM-20375-25RB#0-PASS



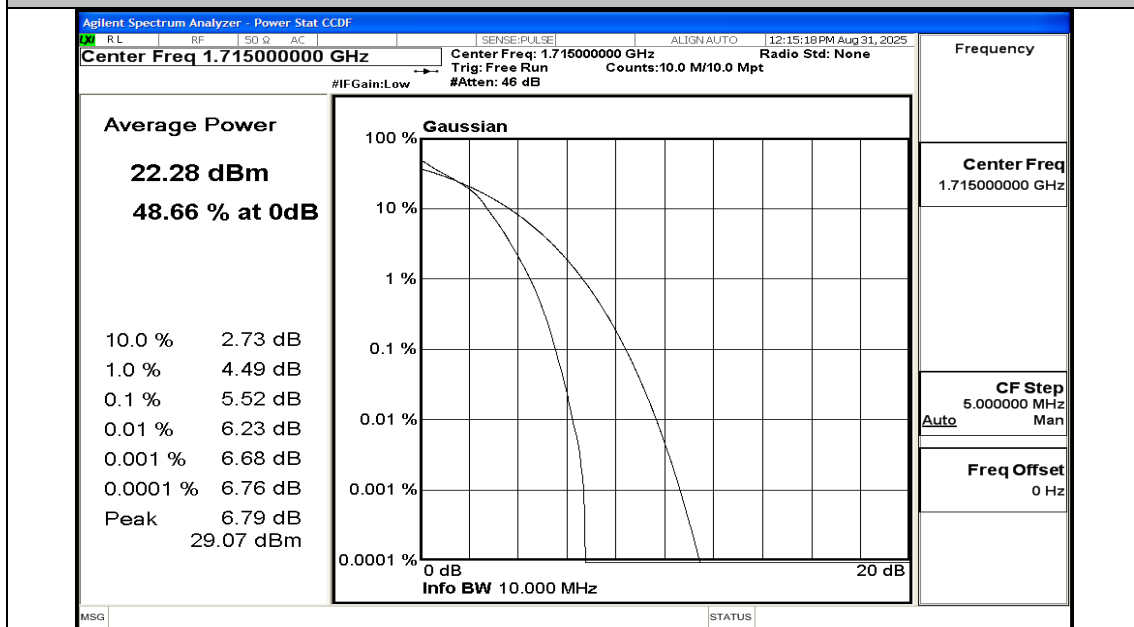
Band4-10MHz-QPSK-20000-1RB#0-PASS



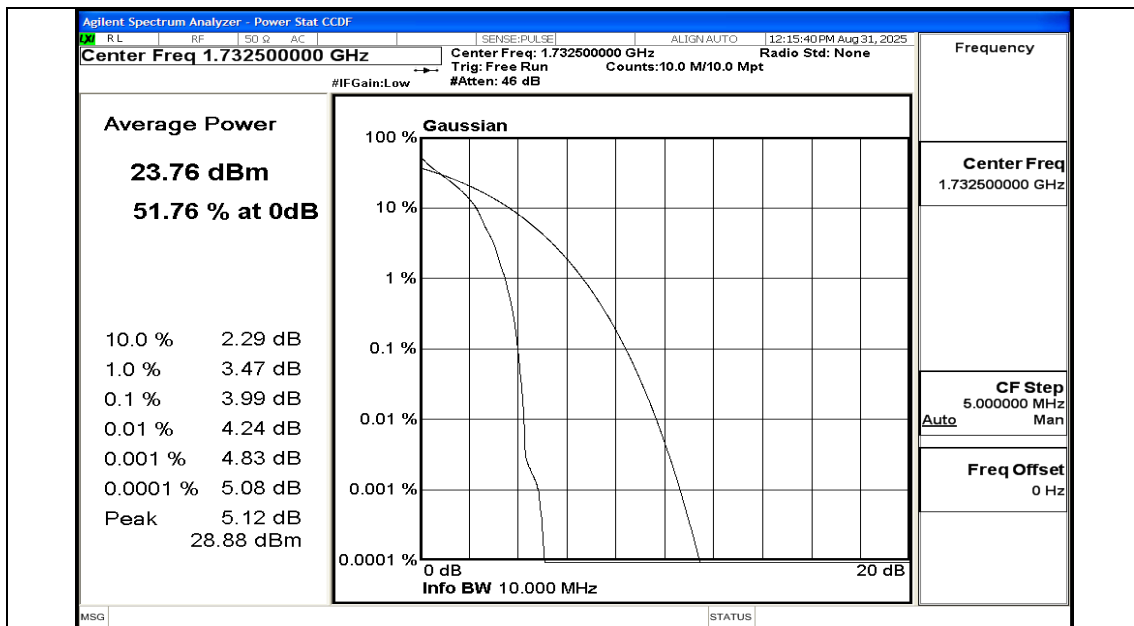
Band4-10MHz-16QAM-20000-1RB#0-PASS



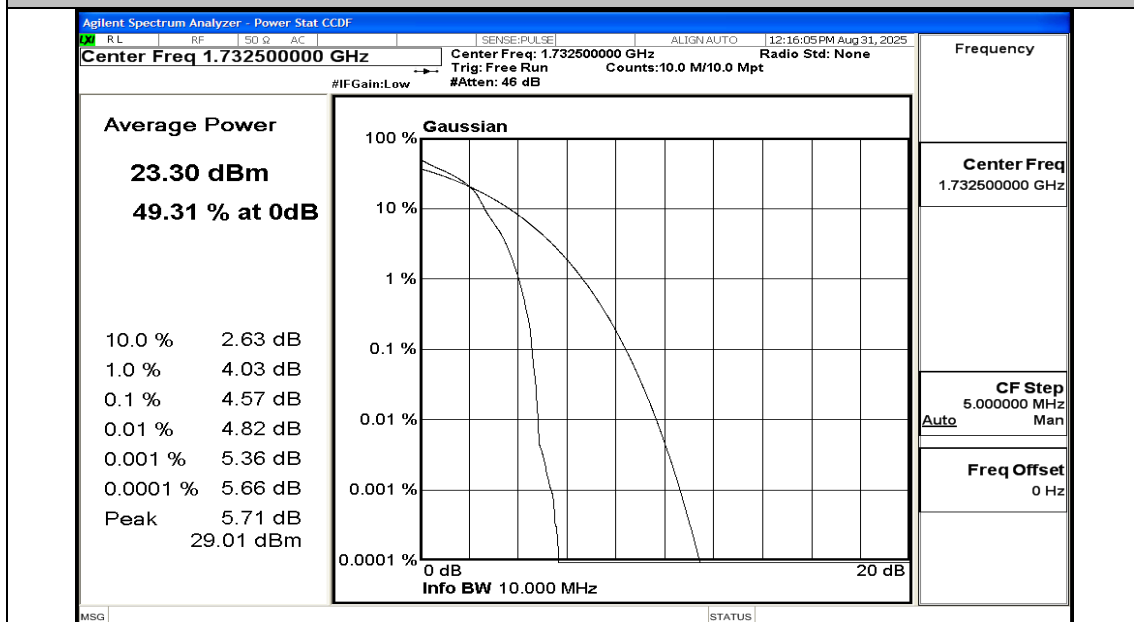
Band4-10MHz-QPSK-20000-50RB#0-PASS



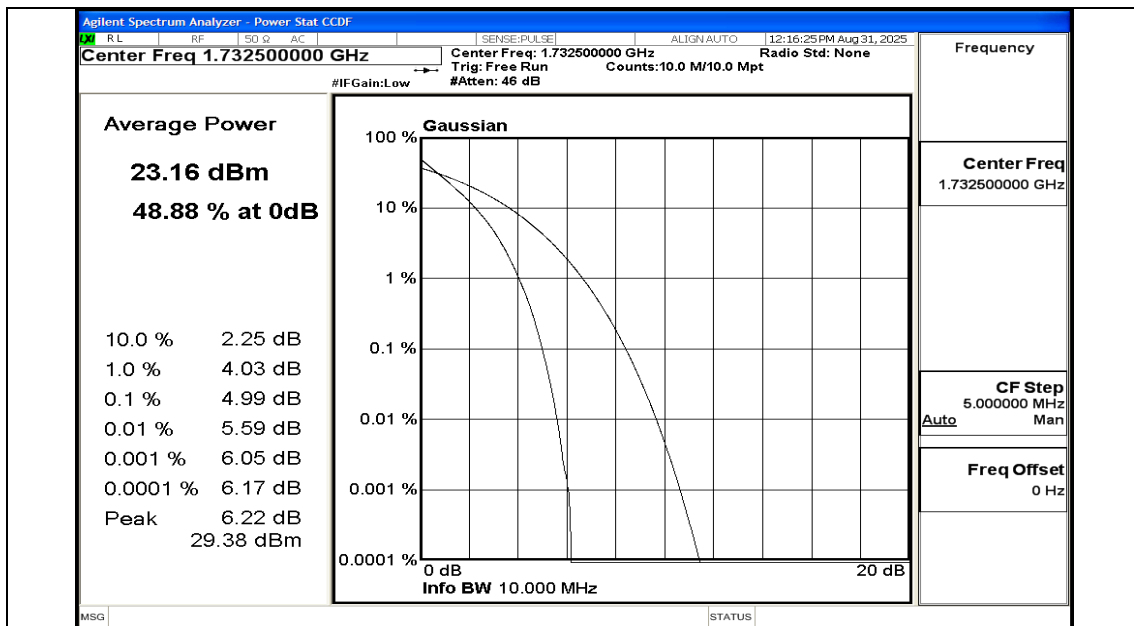
Band4-10MHz-16QAM-20000-50RB#0-PASS



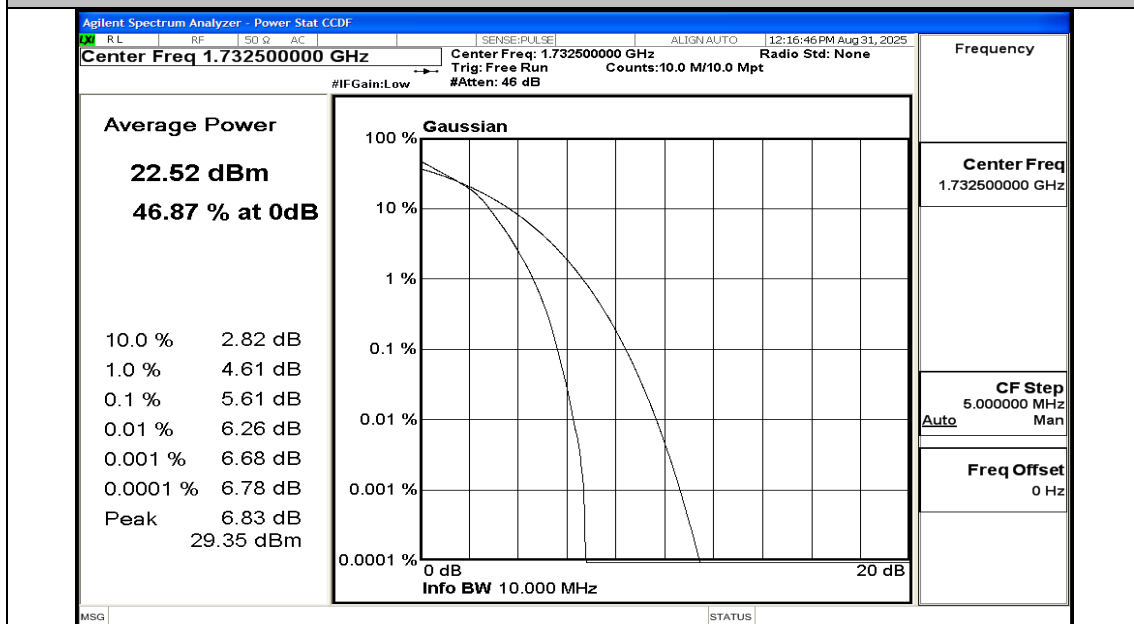
Band4-10MHz-QPSK-20175-1RB#0-PASS



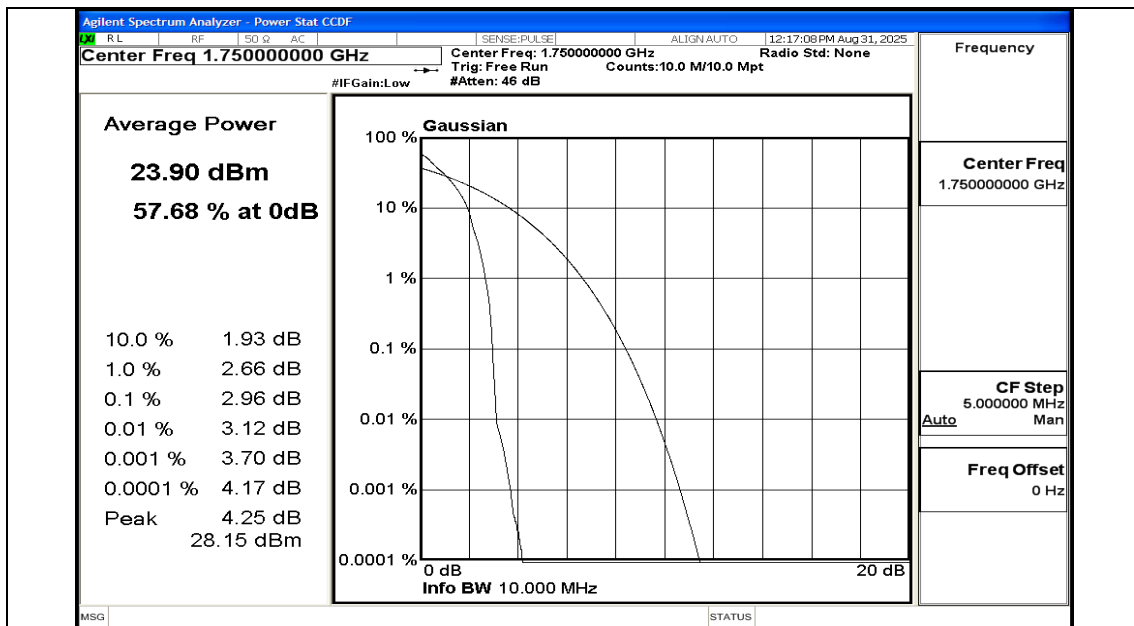
Band4-10MHz-16QAM-20175-1RB#0-PASS



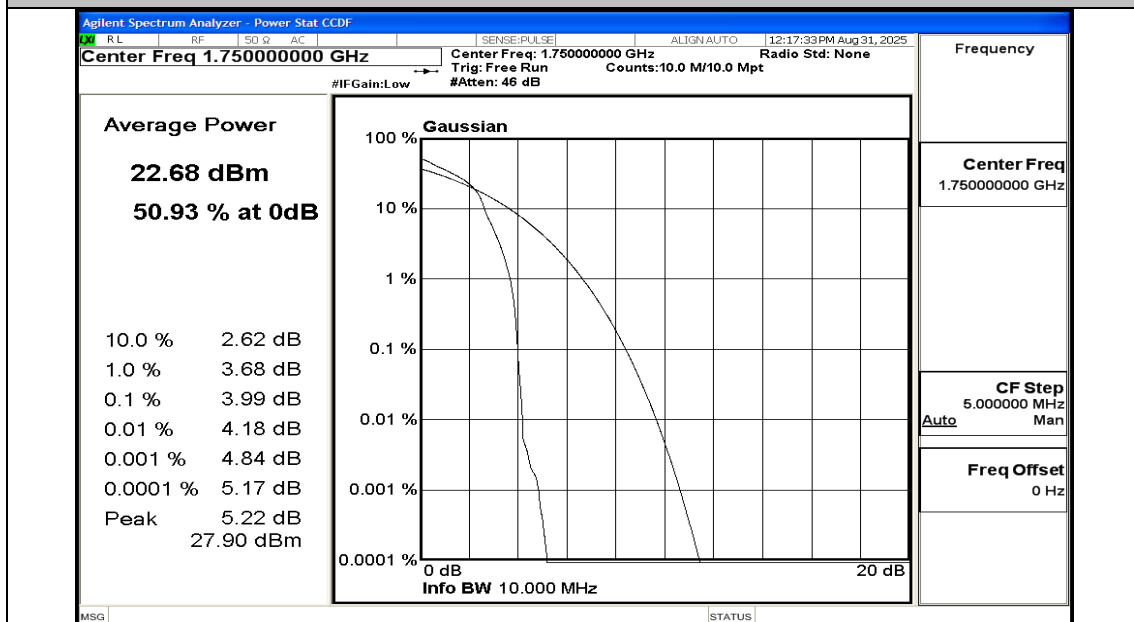
Band4-10MHz-QPSK-20175-50RB#0-PASS



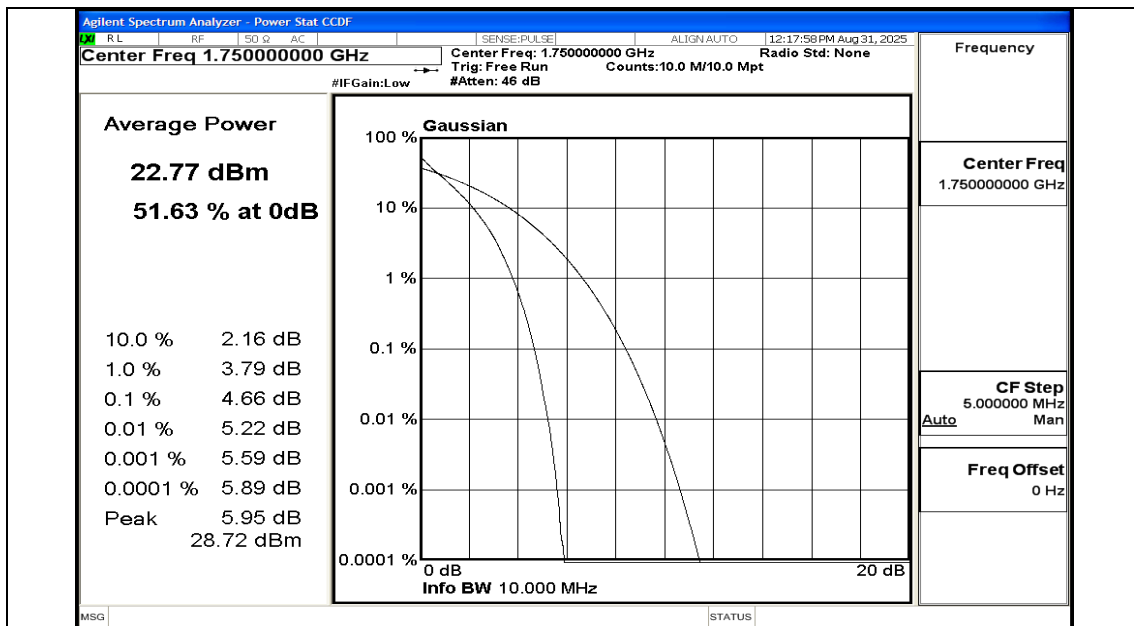
Band4-10MHz-16QAM-20175-50RB#0-PASS



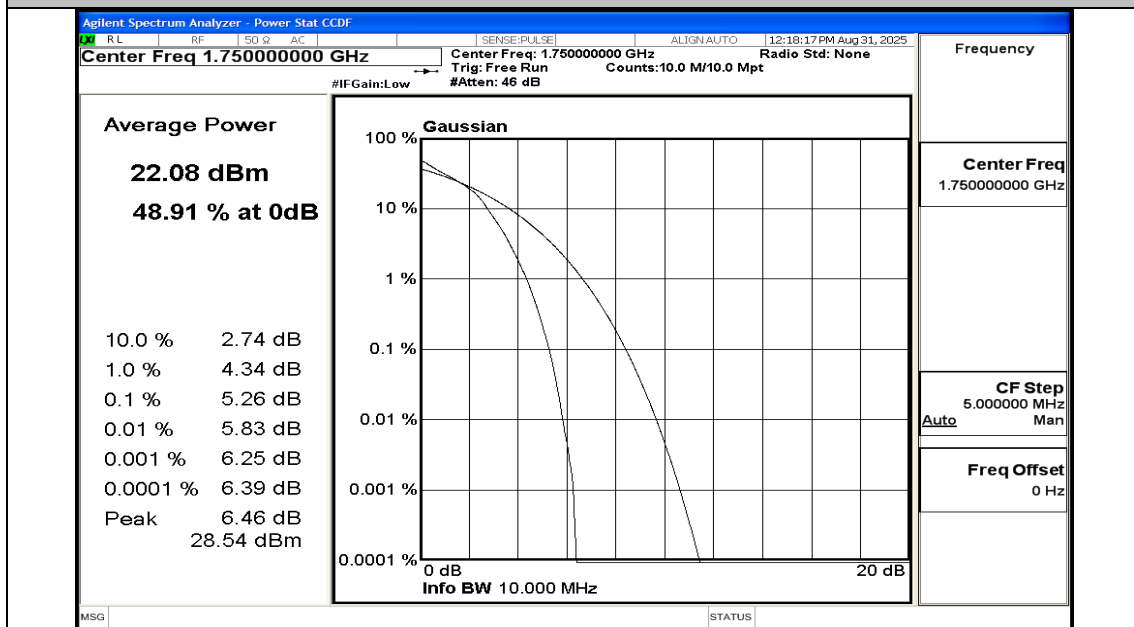
Band4-10MHz-QPSK-20350-1RB#0-PASS



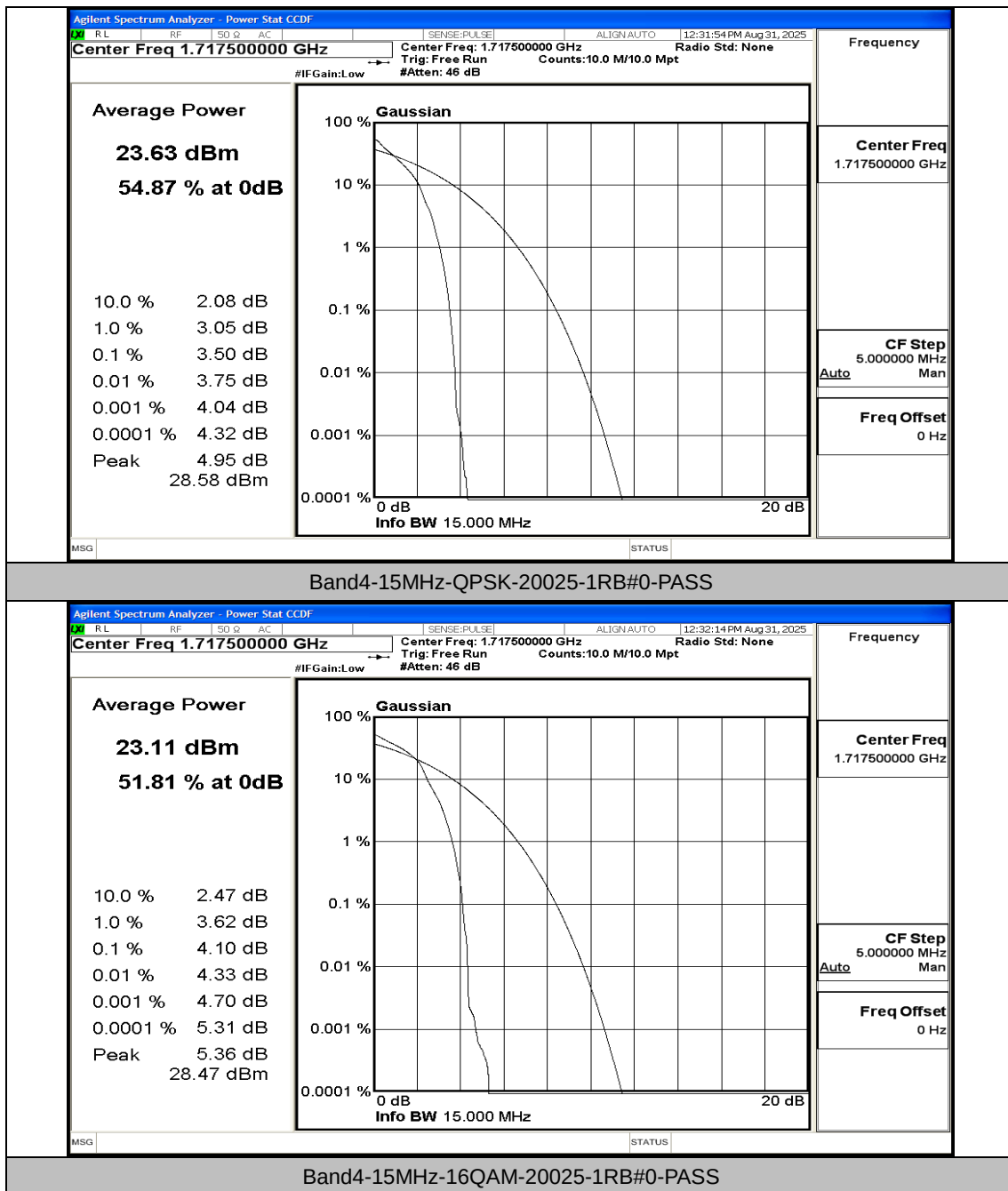
Band4-10MHz-16QAM-20350-1RB#0-PASS

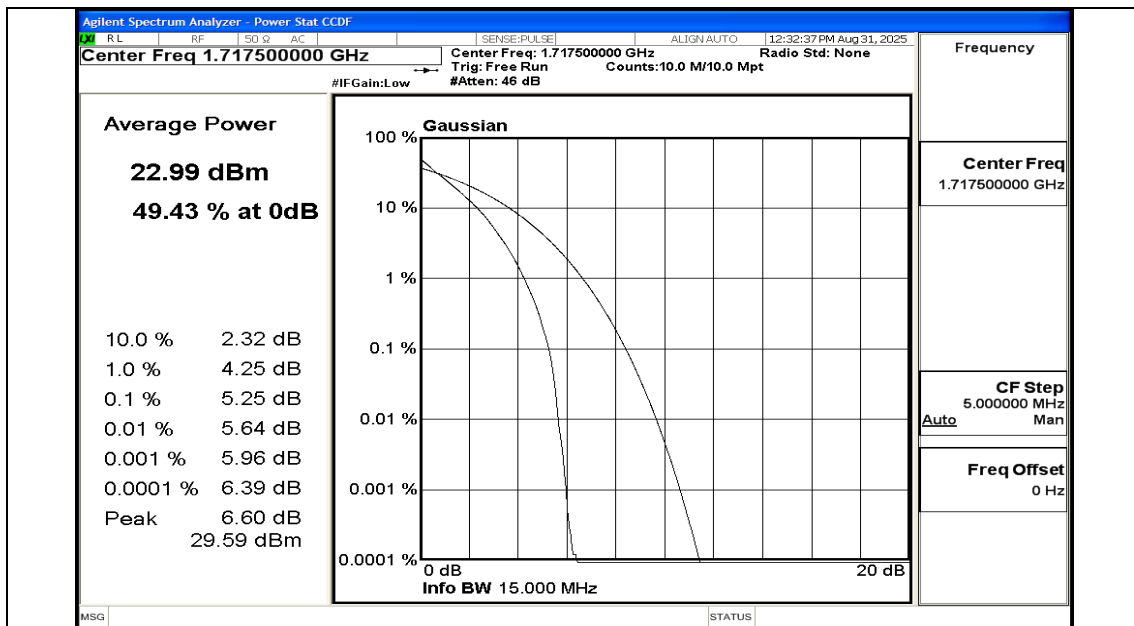


Band4-10MHz-QPSK-20350-50RB#0-PASS

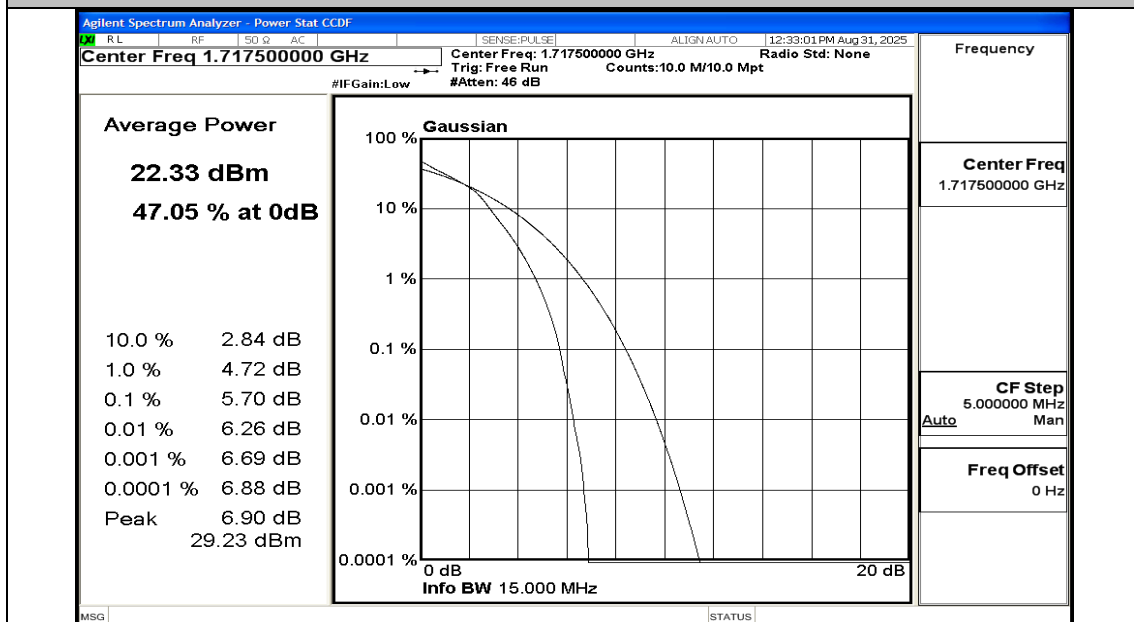


Band4-10MHz-16QAM-20350-50RB#0-PASS

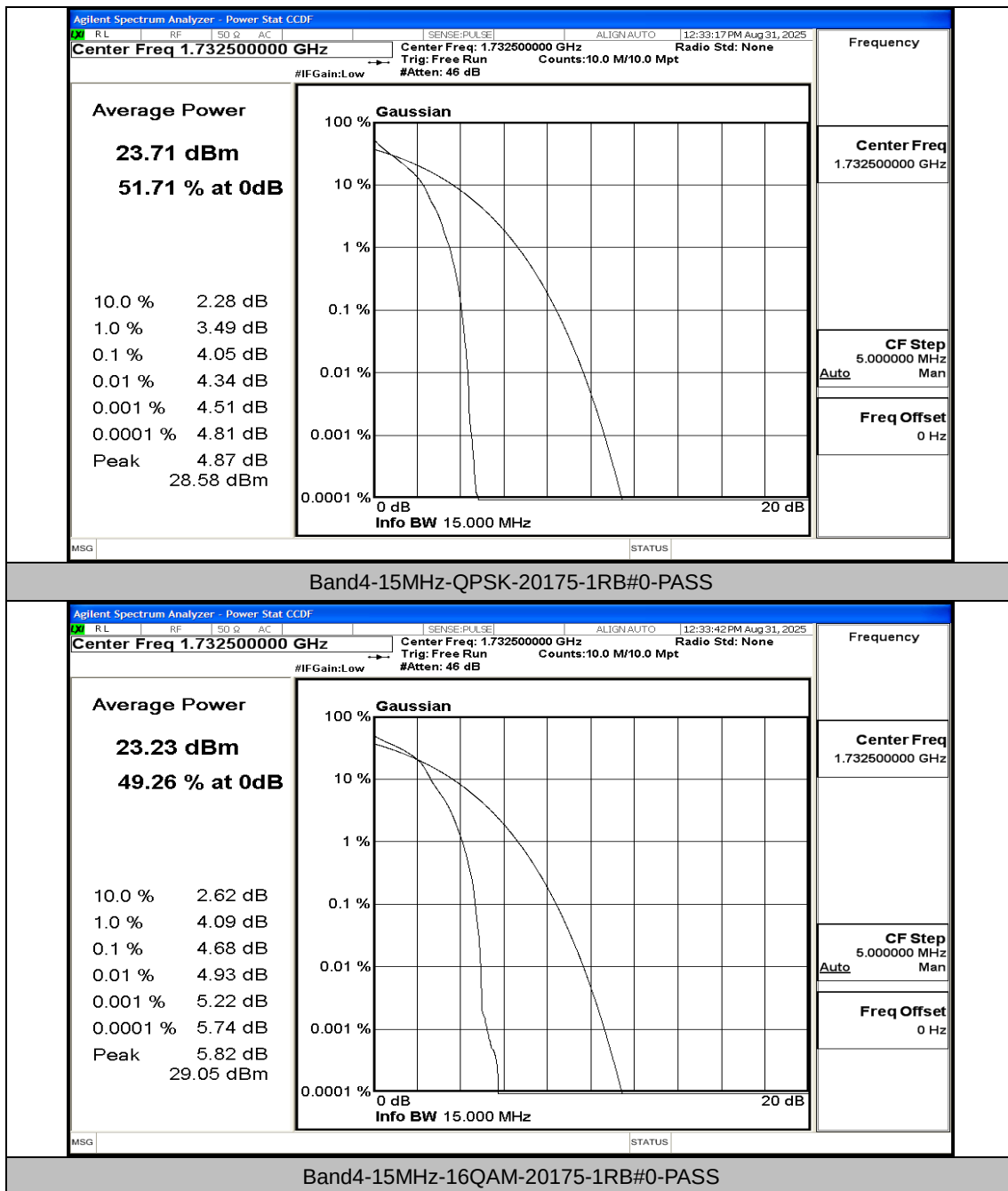


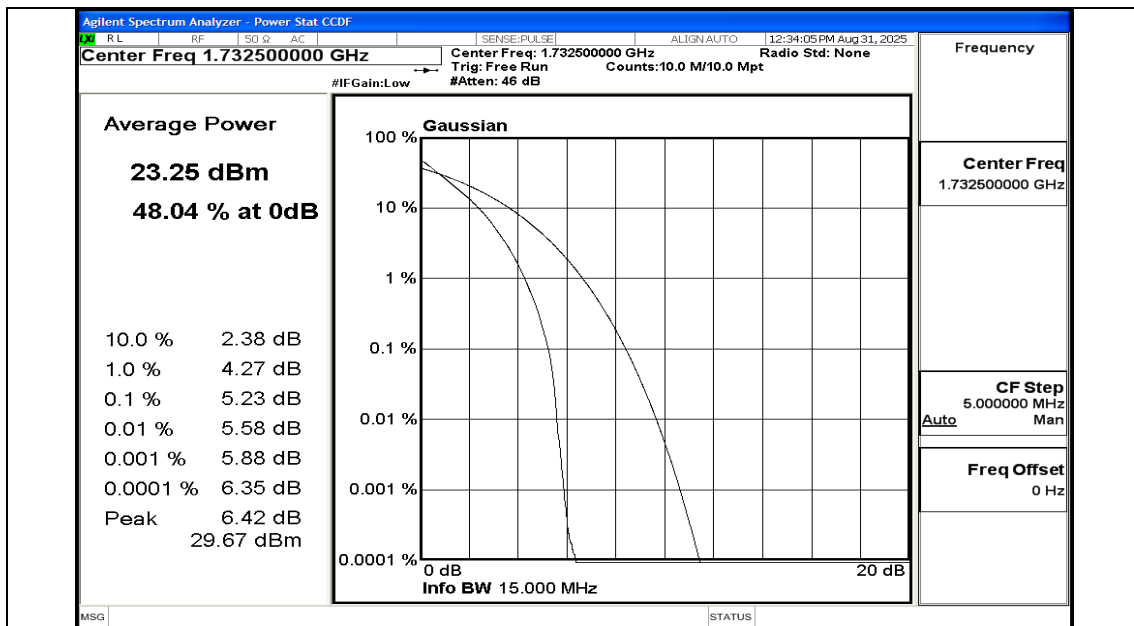


Band4-15MHz-QPSK-20025-75RB#0-PASS

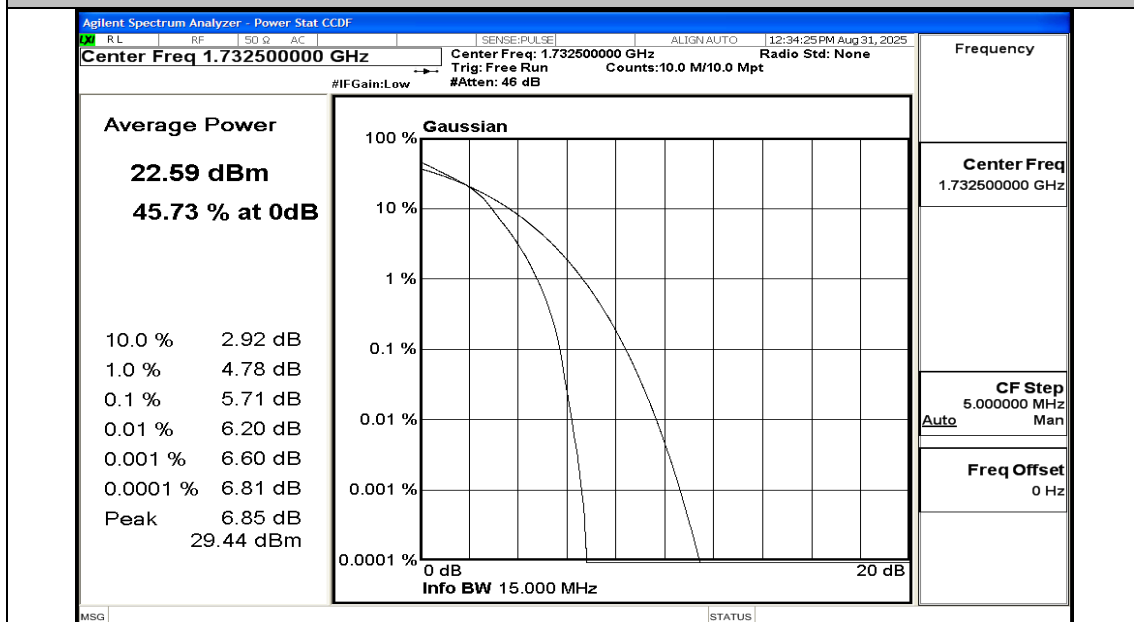


Band4-15MHz-16QAM-20025-75RB#0-PASS

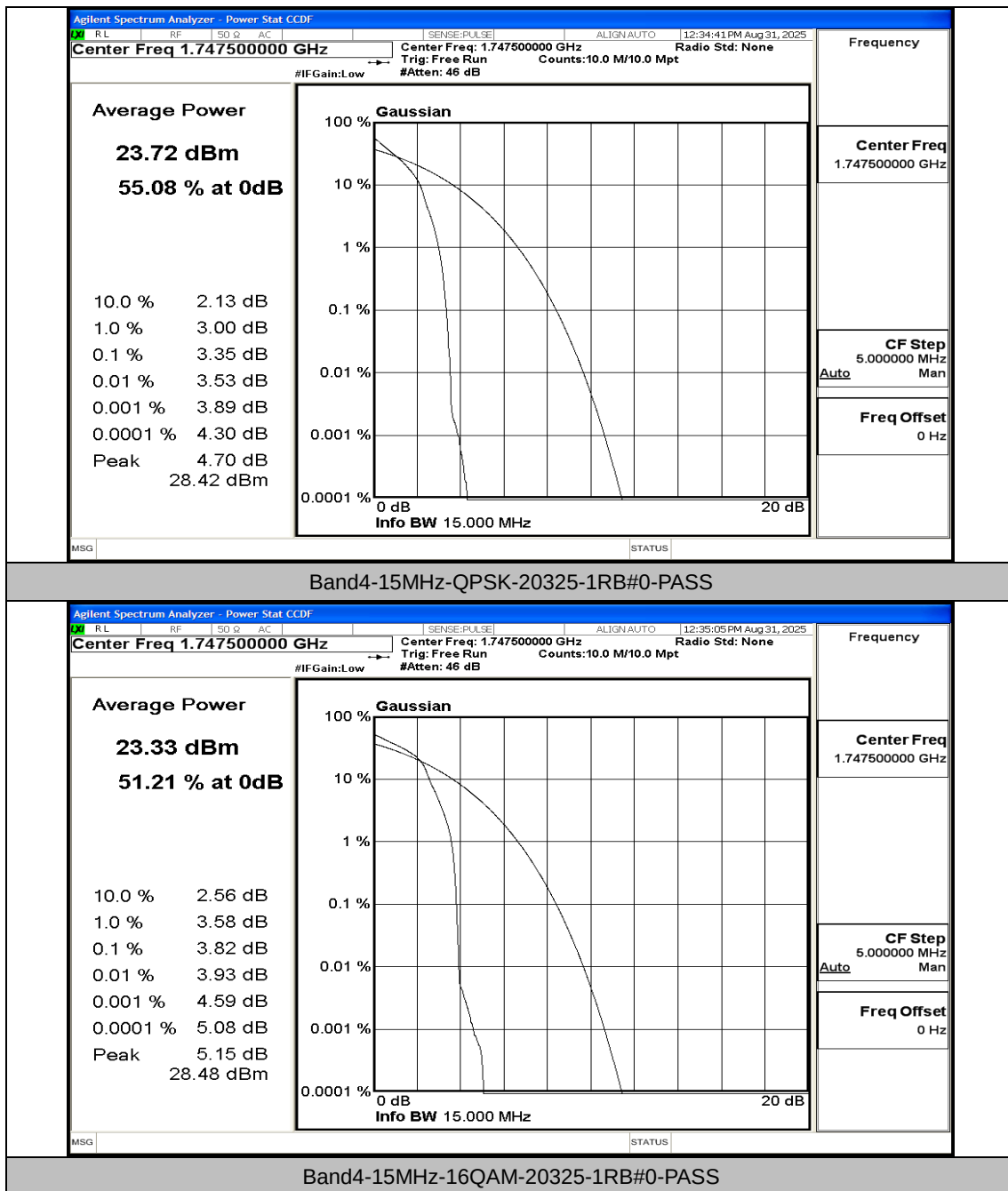


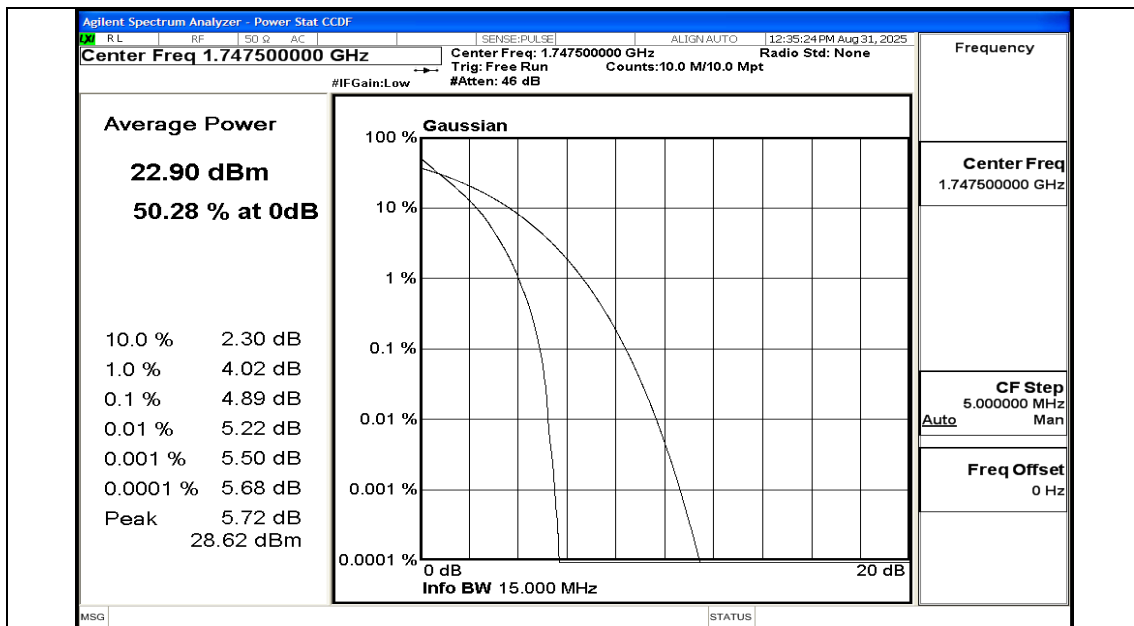


Band4-15MHz-QPSK-20175-75RB#0-PASS

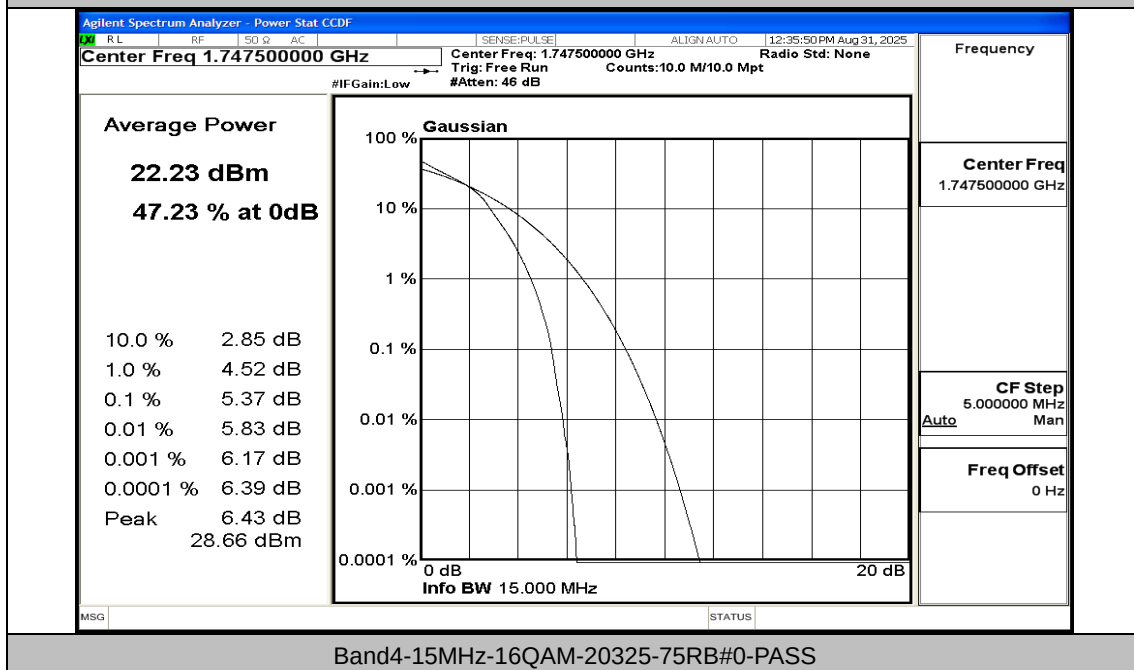


Band4-15MHz-16QAM-20175-75RB#0-PASS

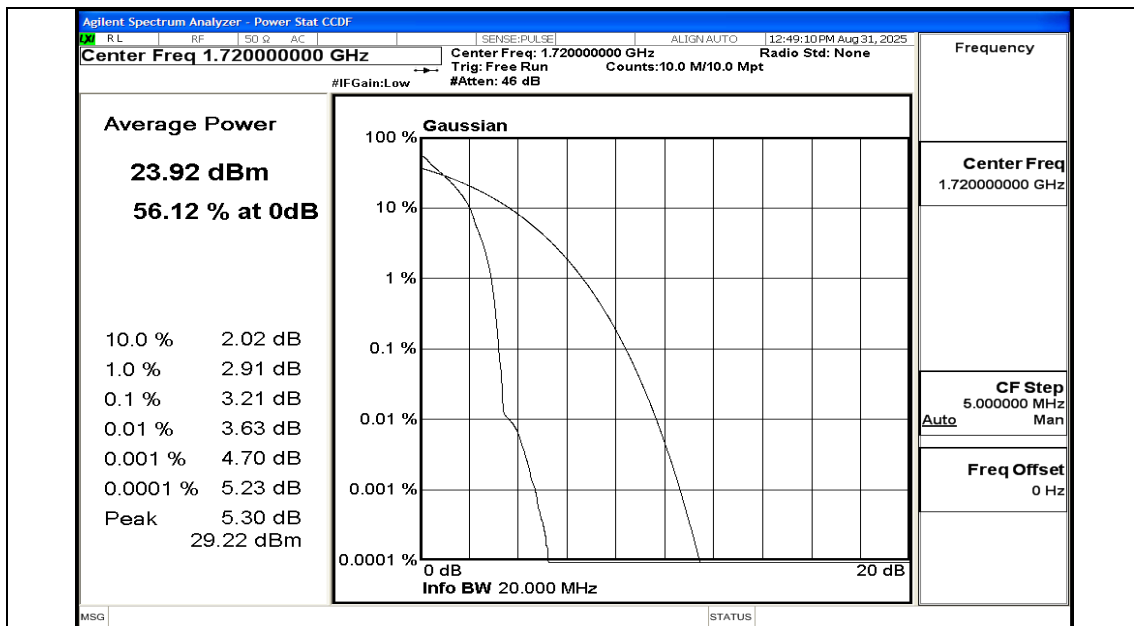




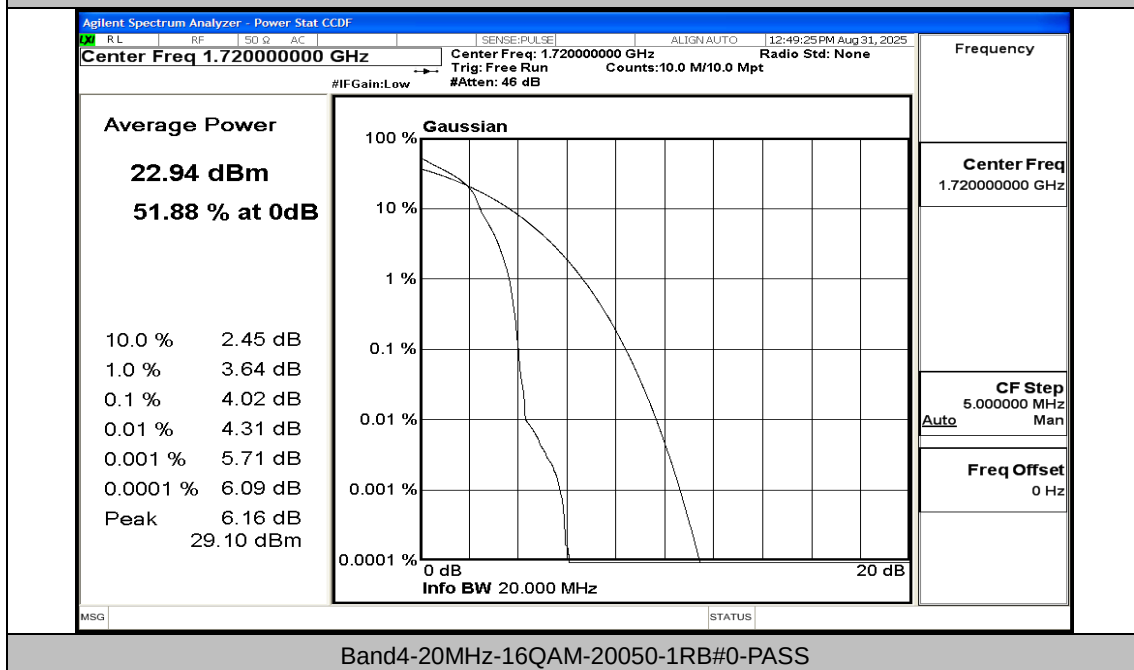
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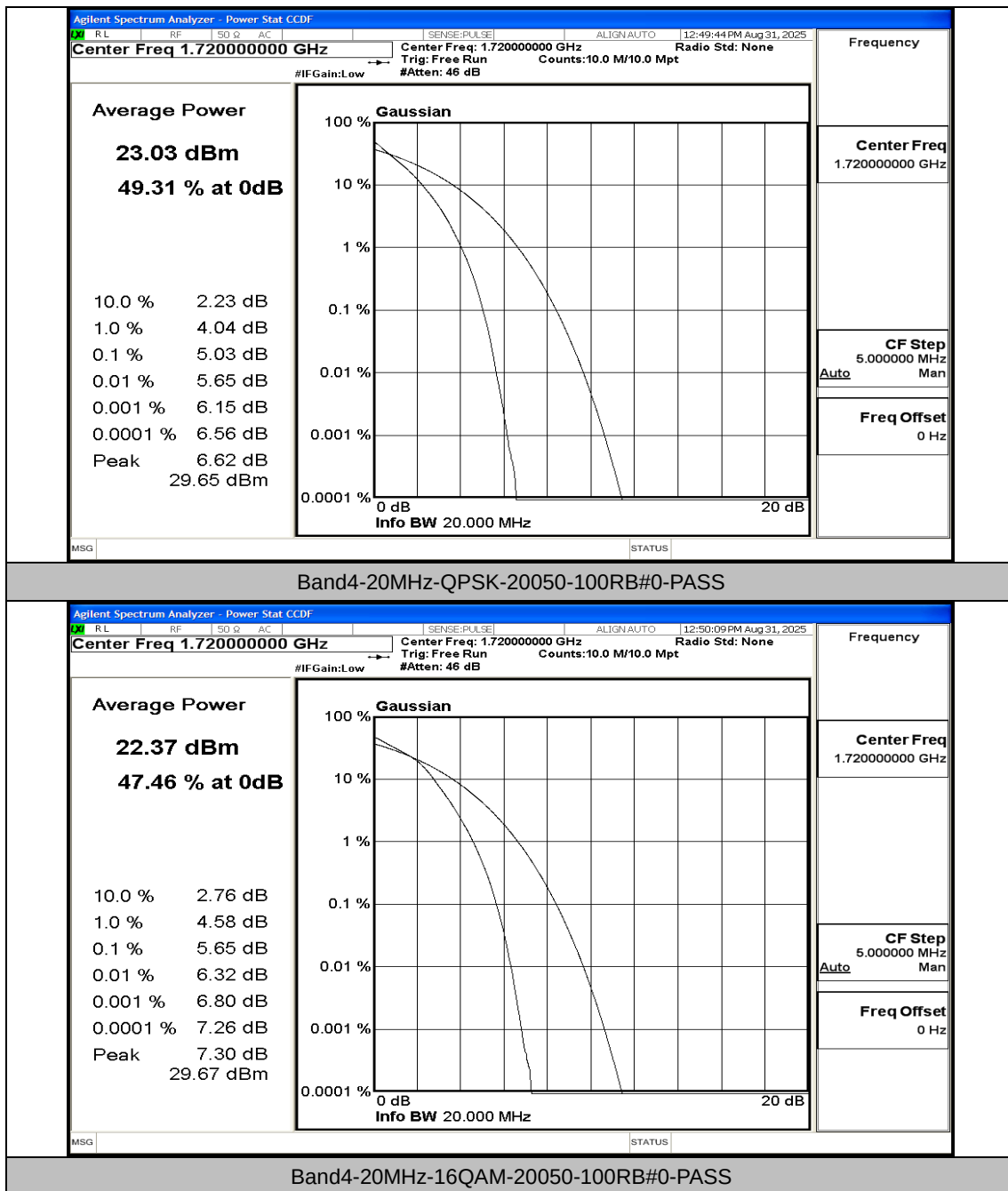
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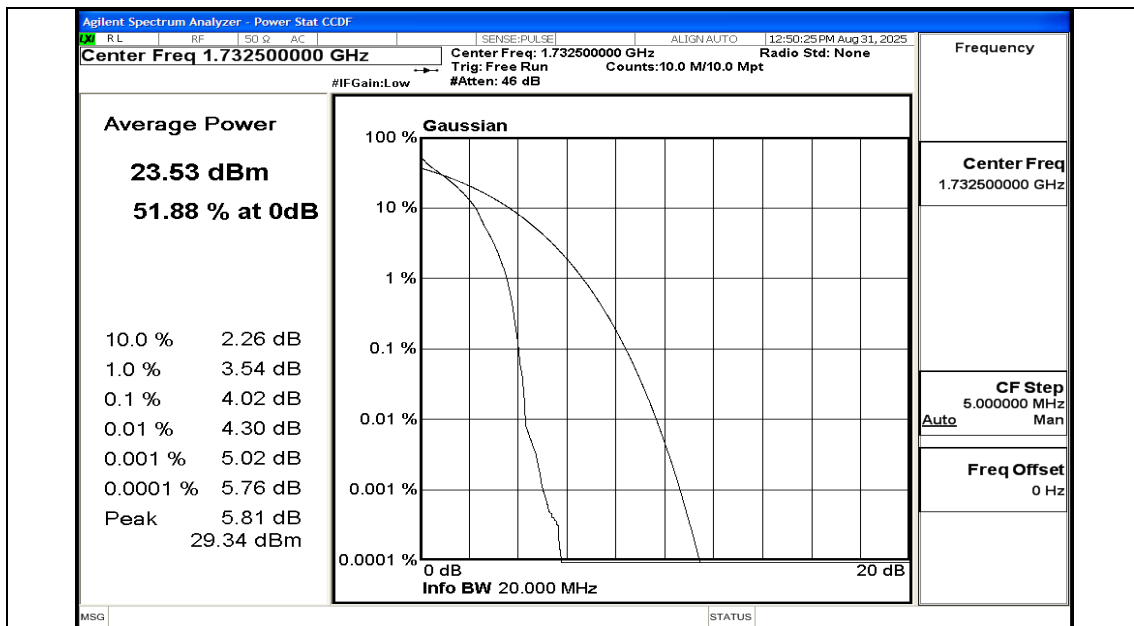


Band4-20MHz-QPSK-20050-1RB#0-PASS

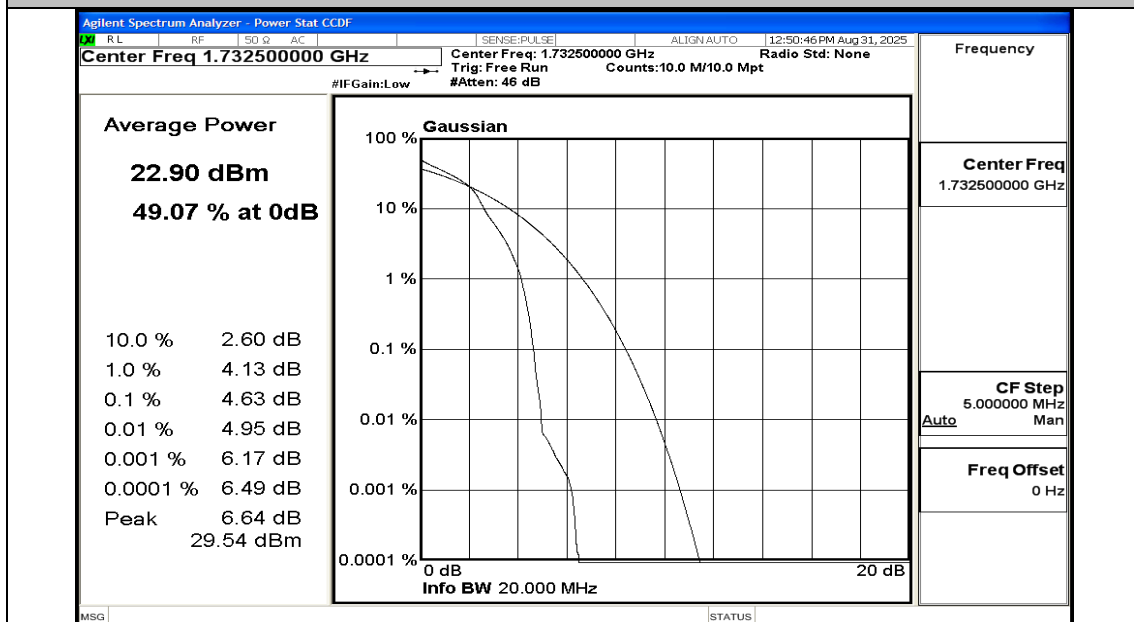


Band4-20MHz-16QAM-20050-1RB#0-PASS

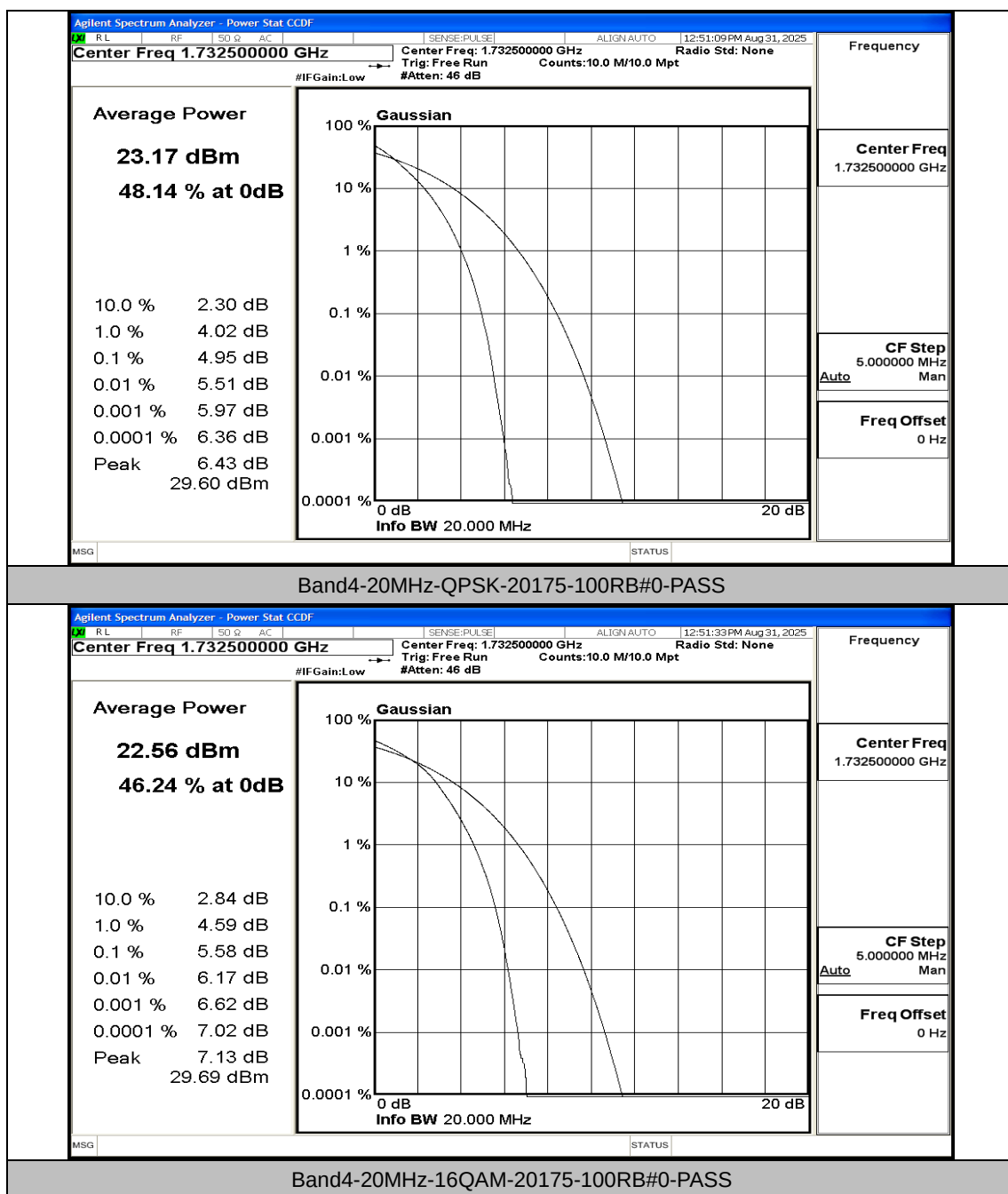


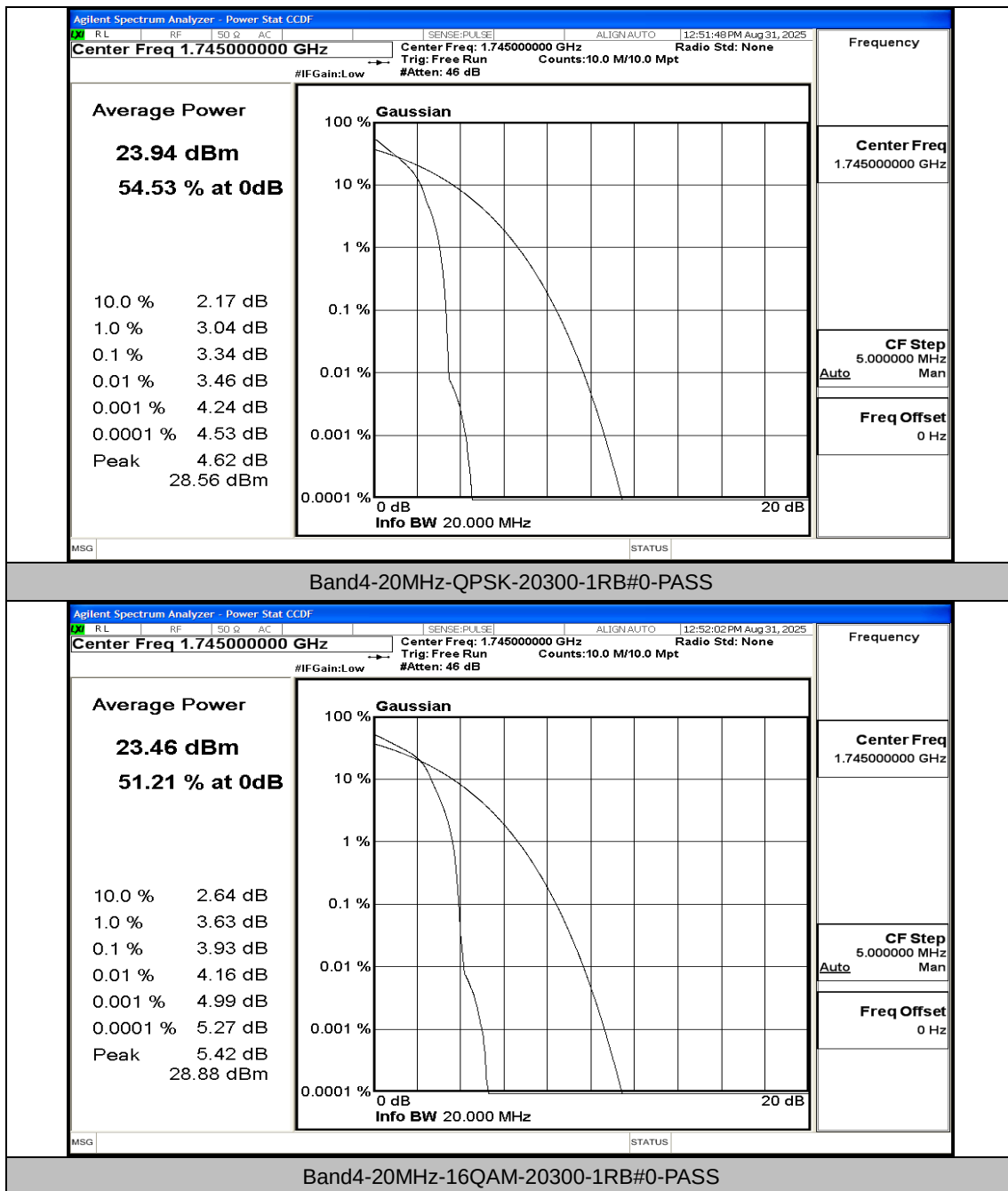


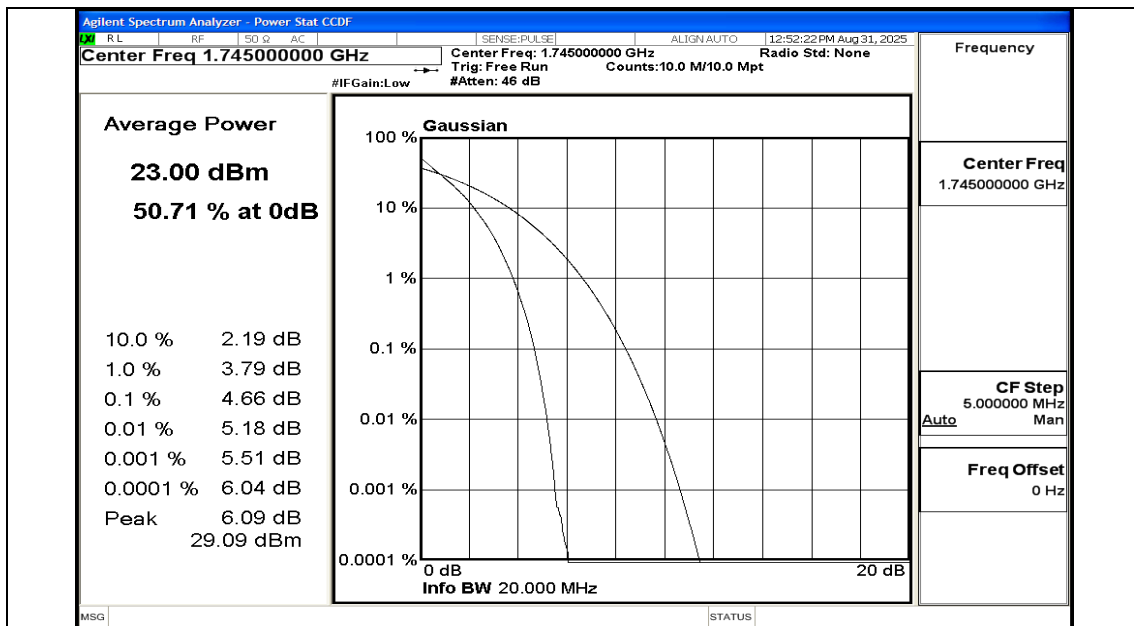
Band4-20MHz-QPSK-20175-1RB#0-PASS



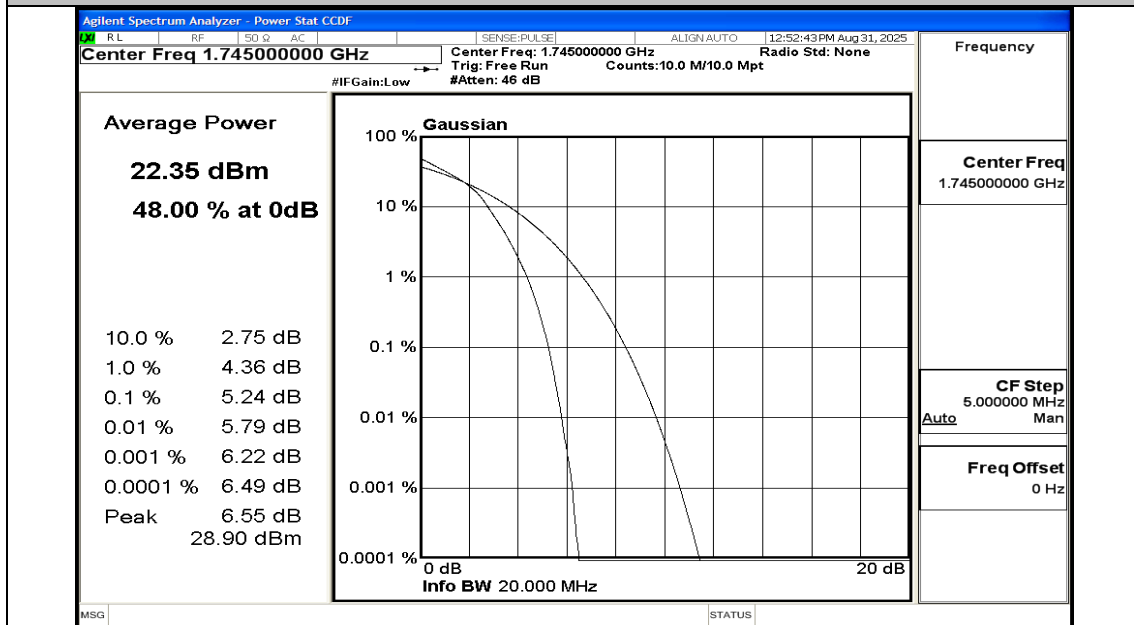
Band4-20MHz-16QAM-20175-1RB#0-PASS







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



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

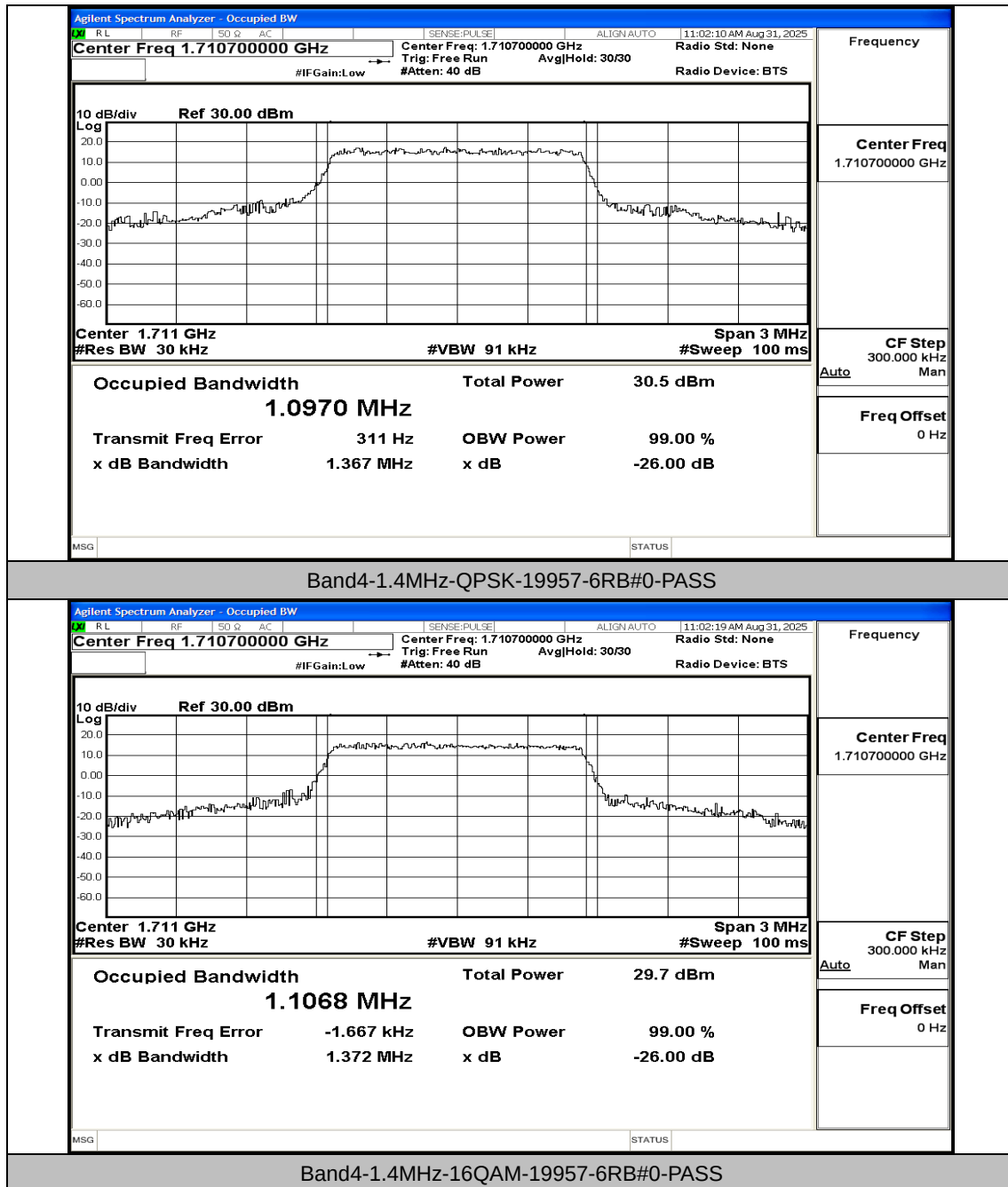
Appendix C: 26dB Bandwidth and Occupied Bandwidth

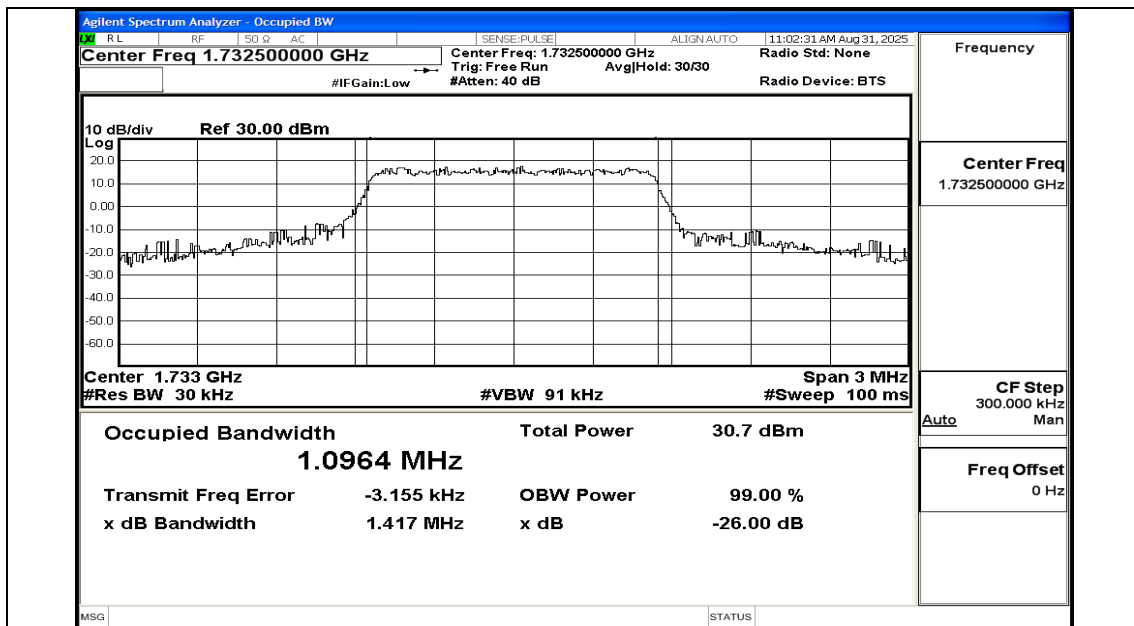
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0970	1.367	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1068	1.372	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0964	1.417	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1073	1.369	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0975	1.393	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1019	1.383	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7781	3.510	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7566	3.313	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7706	3.426	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7592	3.279	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7723	3.478	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7617	3.349	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5419	5.443	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5208	5.392	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5326	5.368	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5357	5.302	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5380	5.360	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5174	5.204	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0095	10.10	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0218	10.33	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9925	10.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9737	9.930	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0149	10.27	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0370	10.58	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.533	15.68	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.530	15.35	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.535	15.45	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.529	15.08	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.504	15.76	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.524	14.93	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.035	20.22	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.053	20.13	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.008	20.09	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.026	20.10	PASS

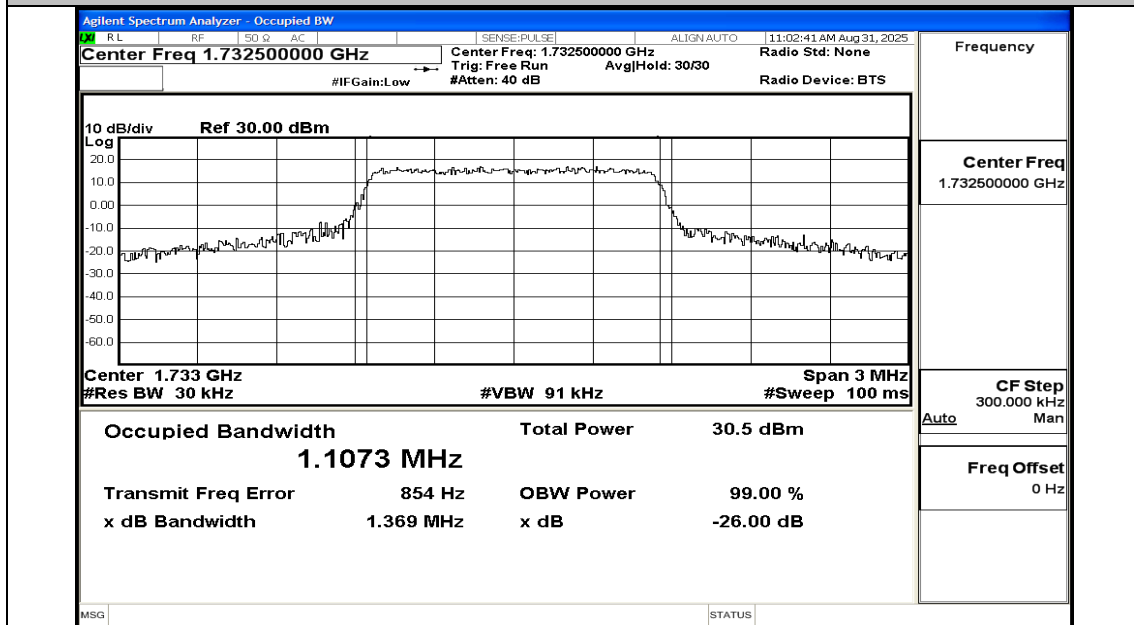
Band4	20MHz	QPSK	20300	100RB#0	17.988	20.27	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.011	20.31	PASS

Test Graphs

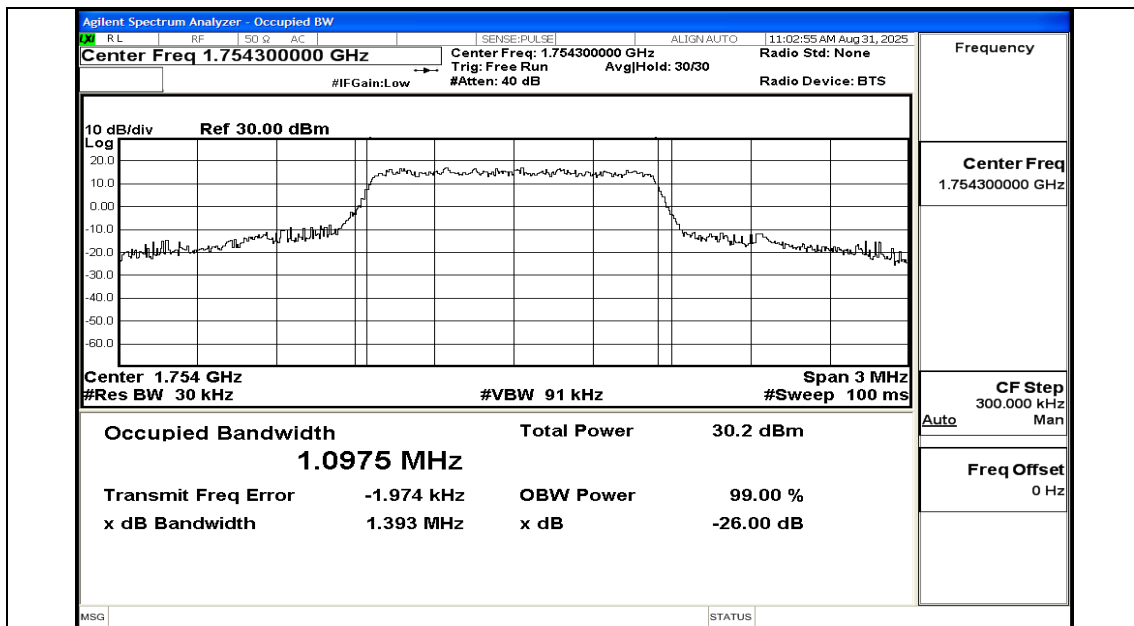




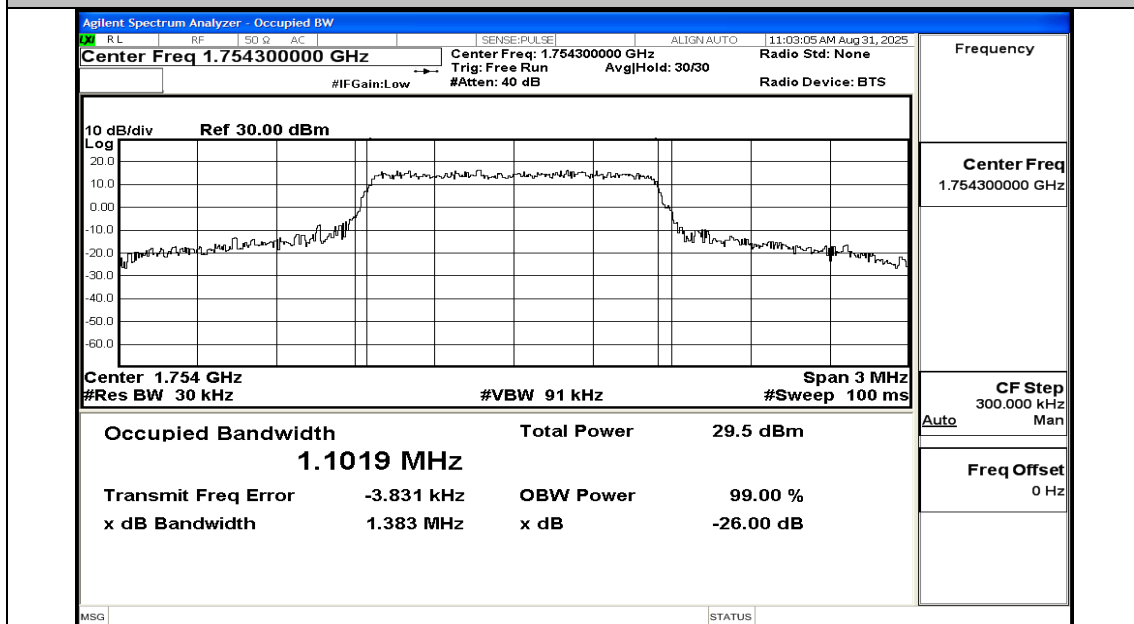
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



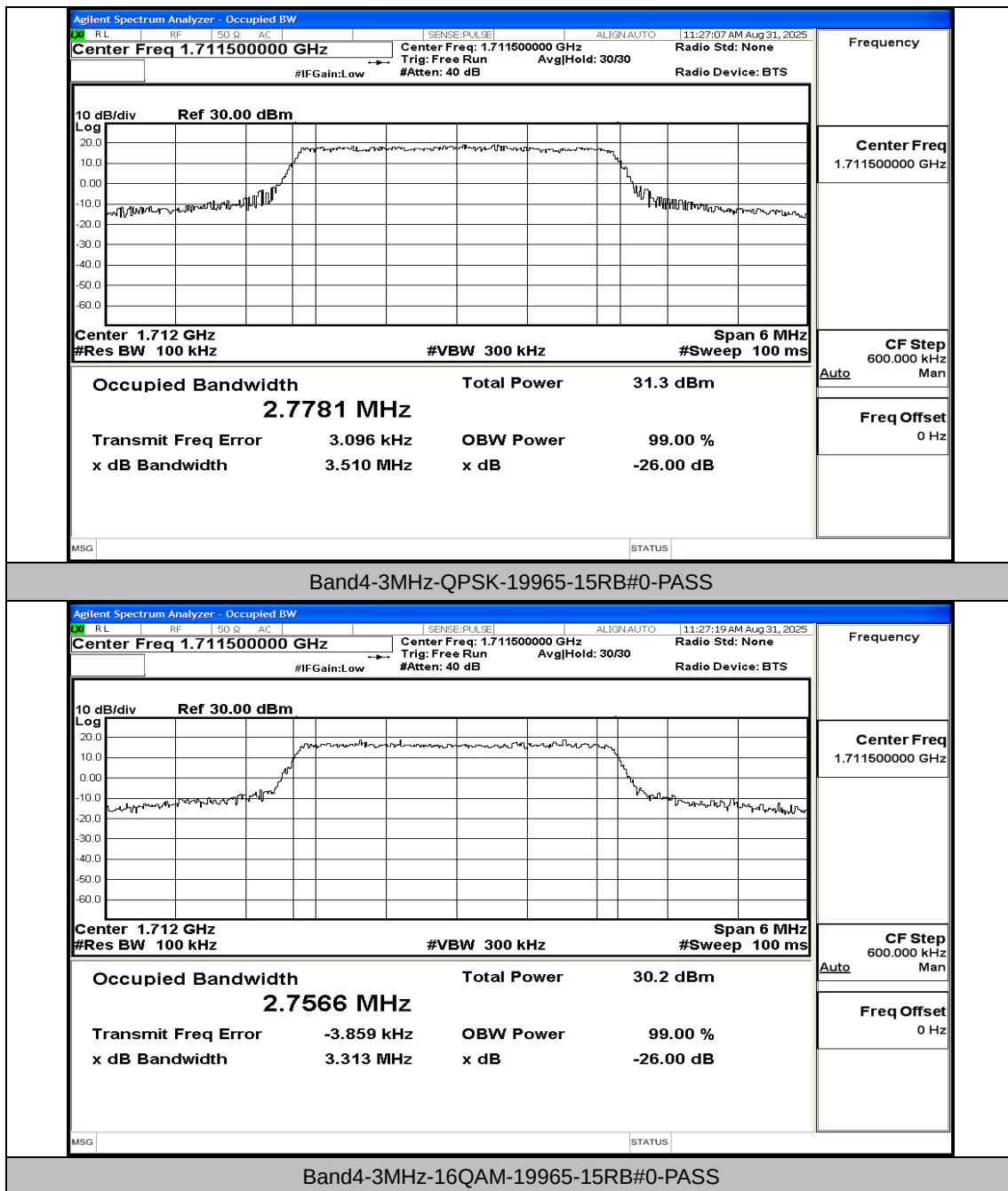
Band4-1.4MHz-16QAM-20175-6RB#0-PASS

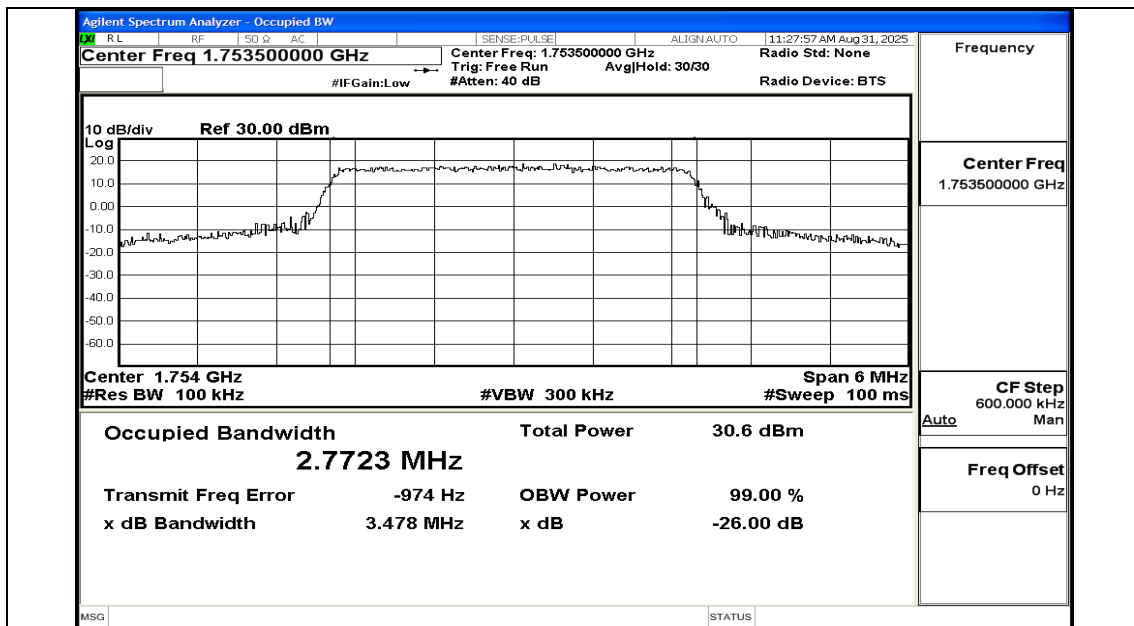


Band4-1.4MHz-QPSK-20393-6RB#0-PASS

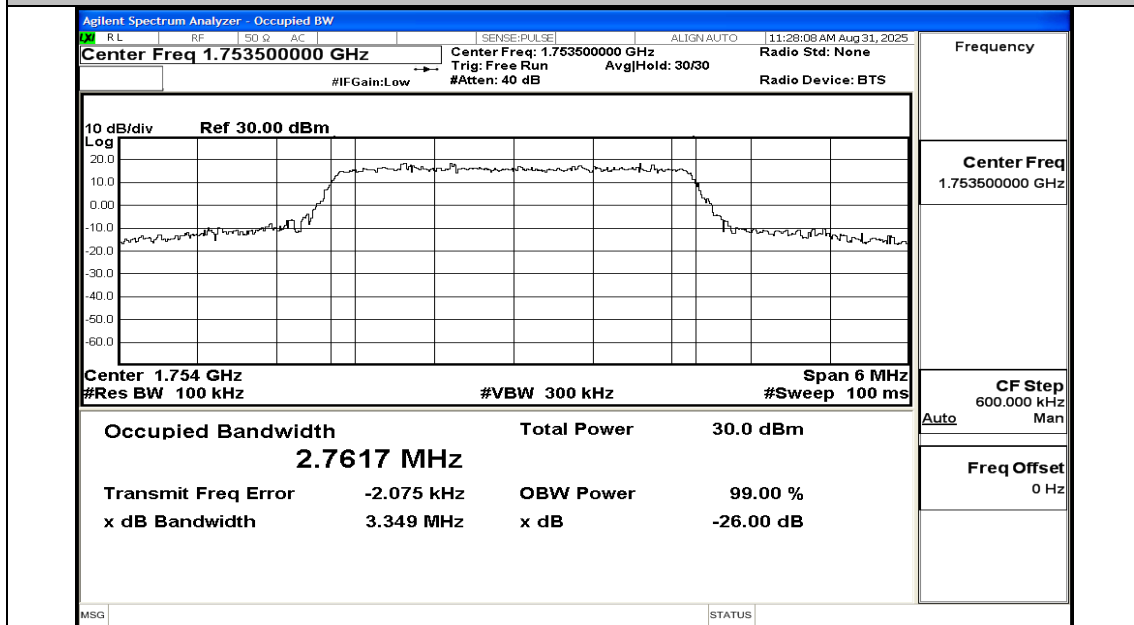


Band4-1.4MHz-16QAM-20393-6RB#0-PASS

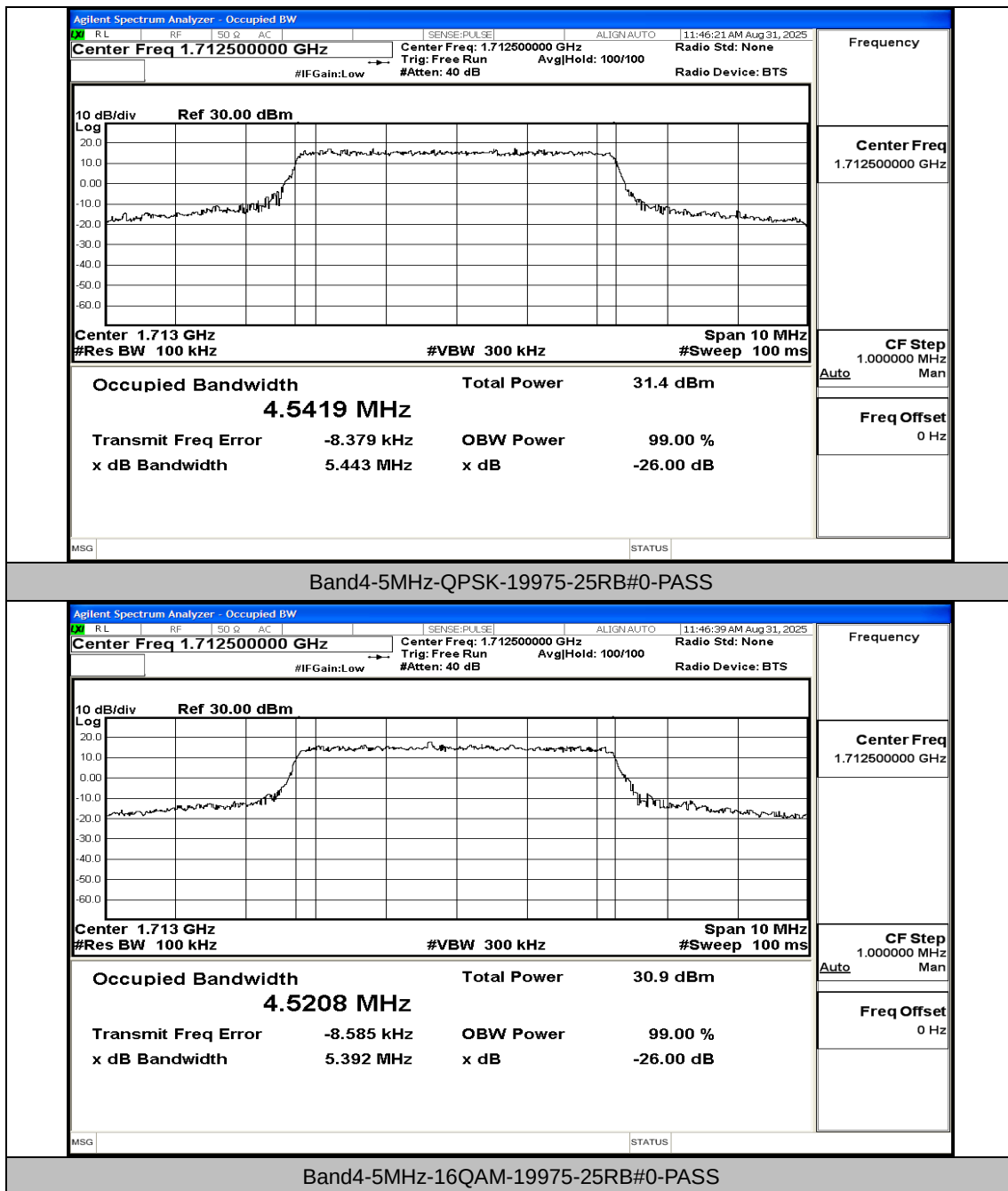


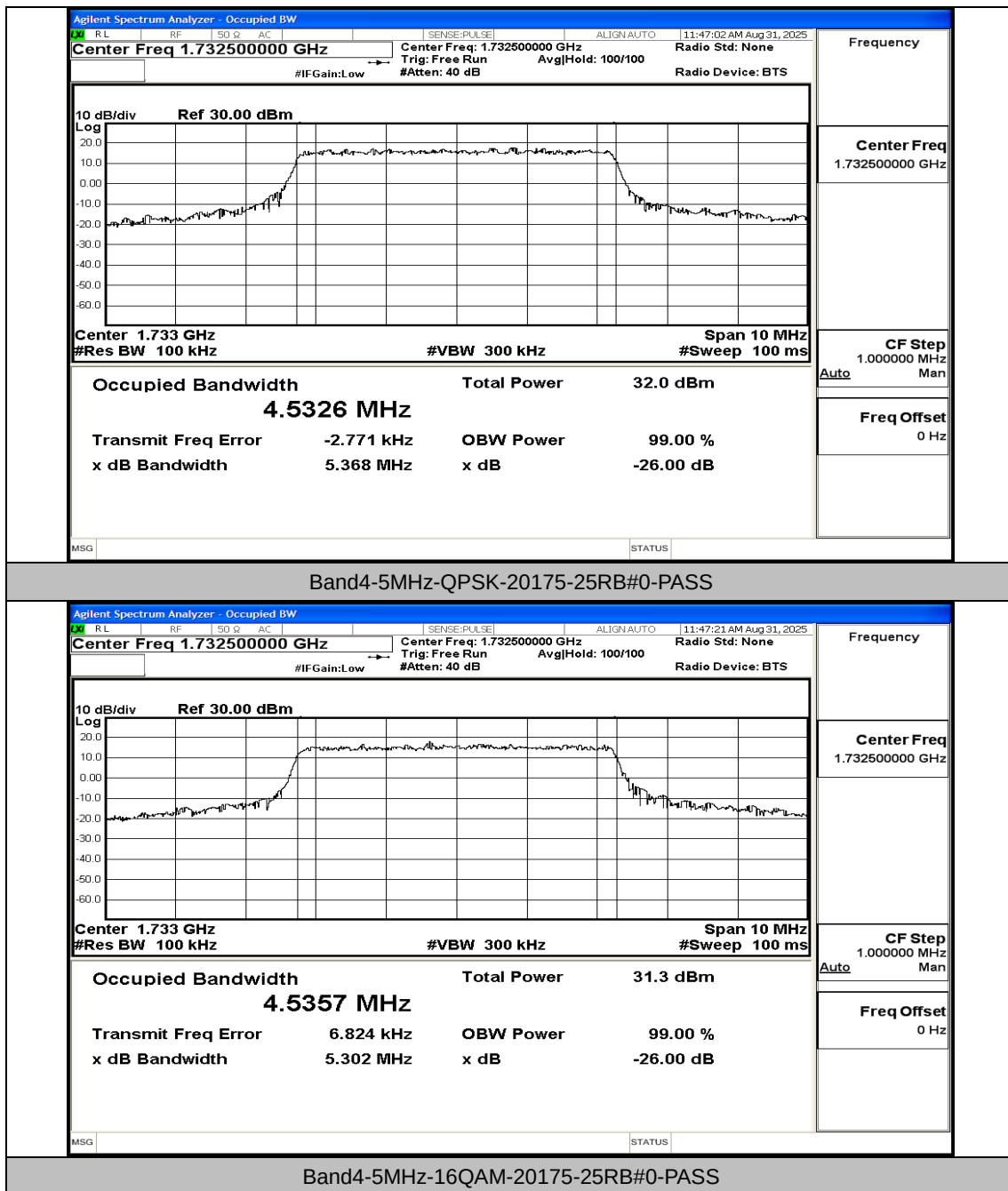


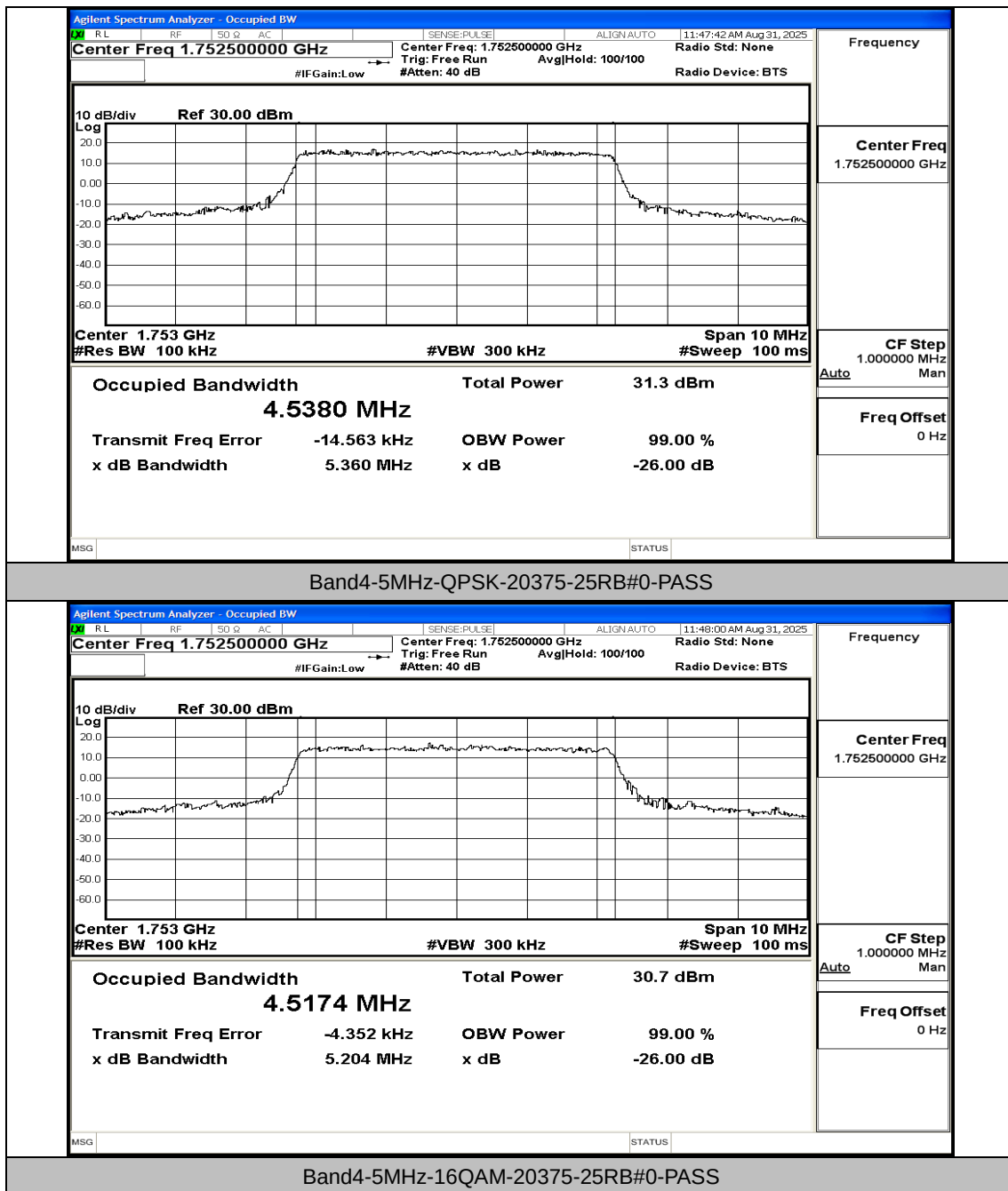
Band4-3MHz-QPSK-20385-15RB#0-PASS

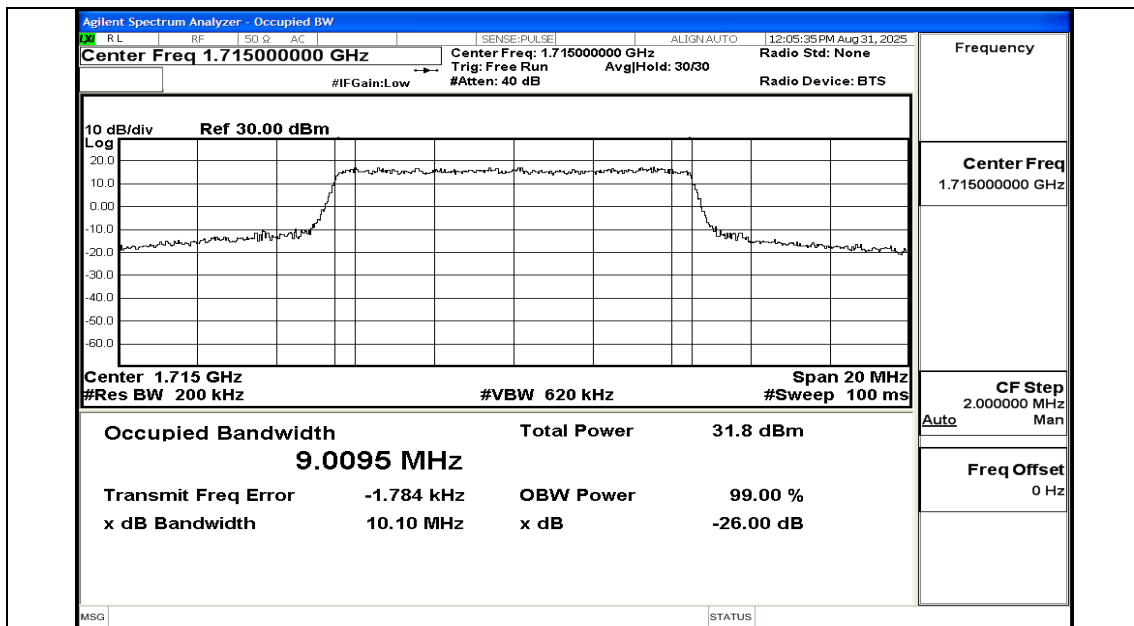


Band4-3MHz-16QAM-20385-15RB#0-PASS

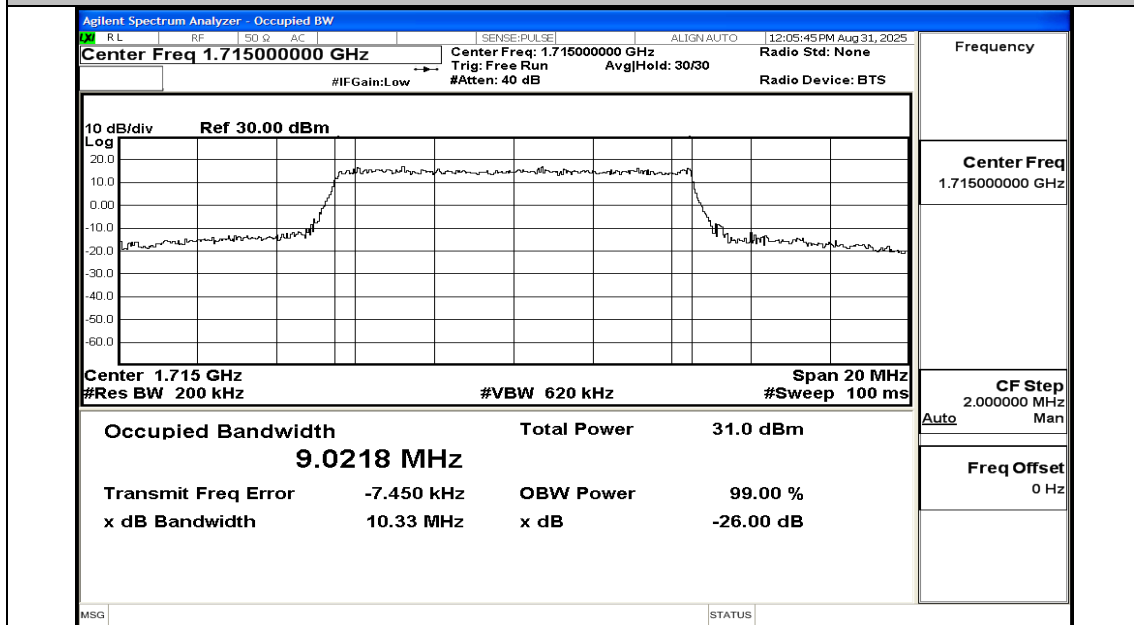




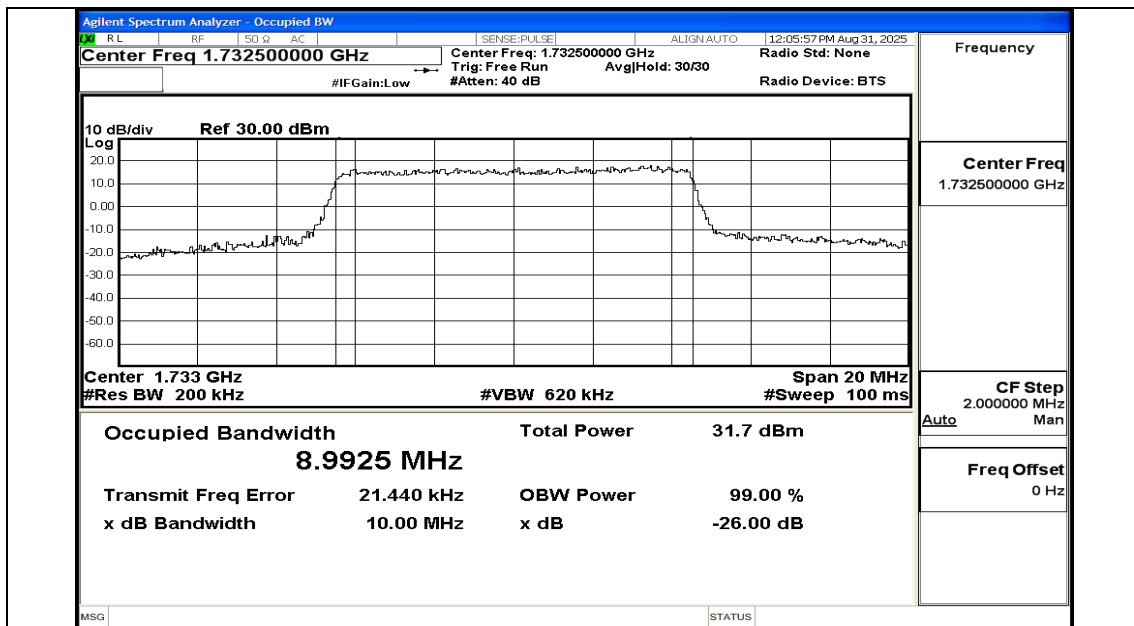




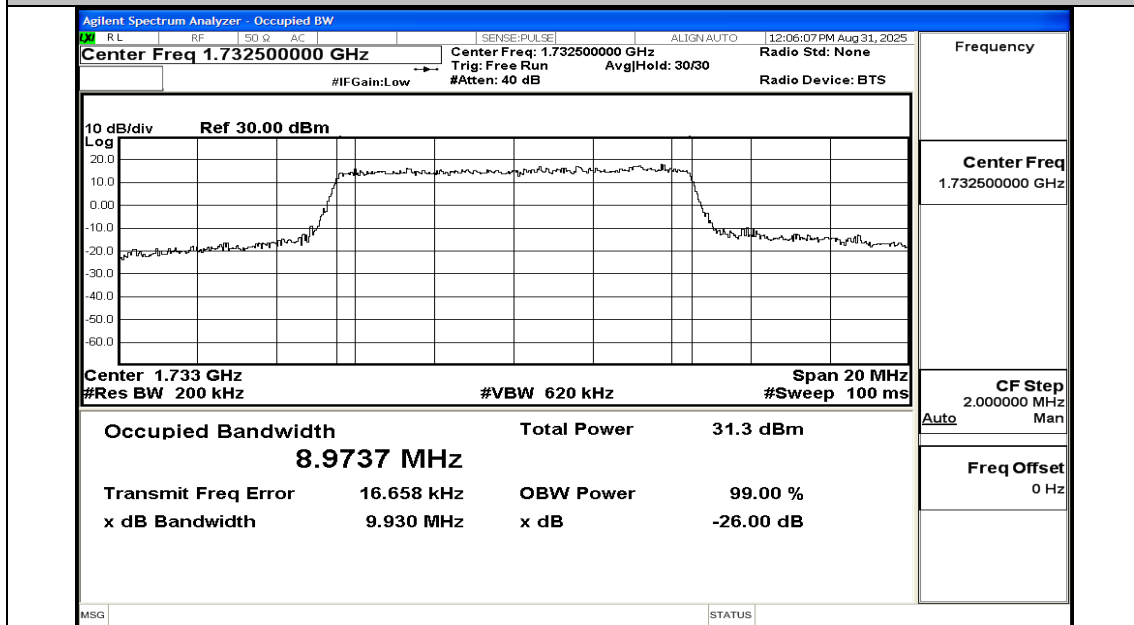
Band4-10MHz-QPSK-20000-50RB#0-PASS



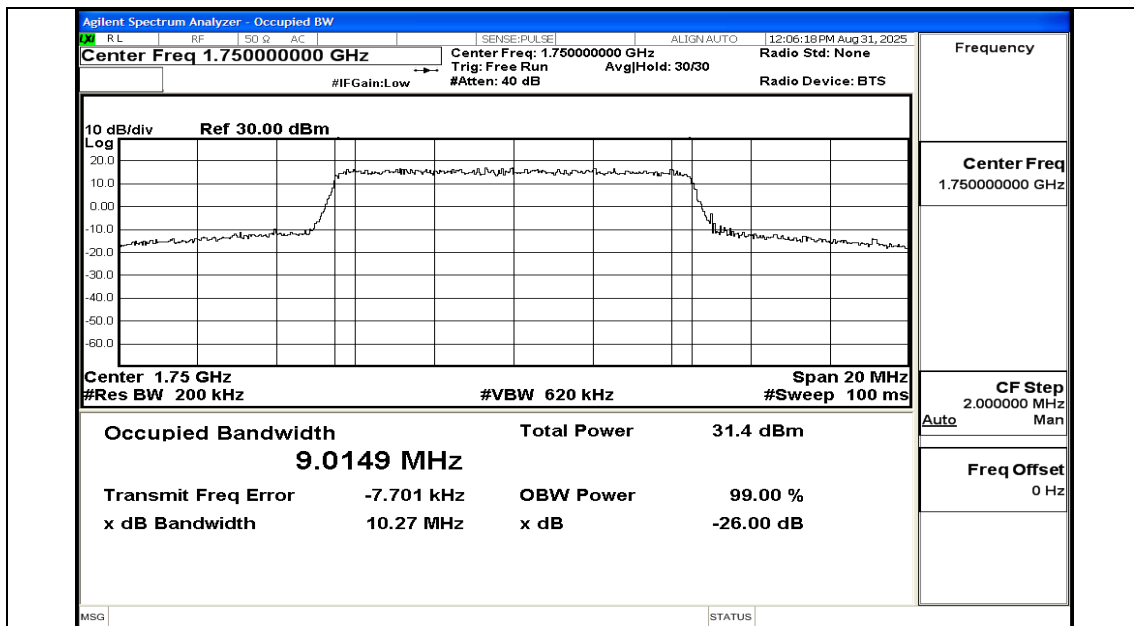
Band4-10MHz-16QAM-20000-50RB#0-PASS



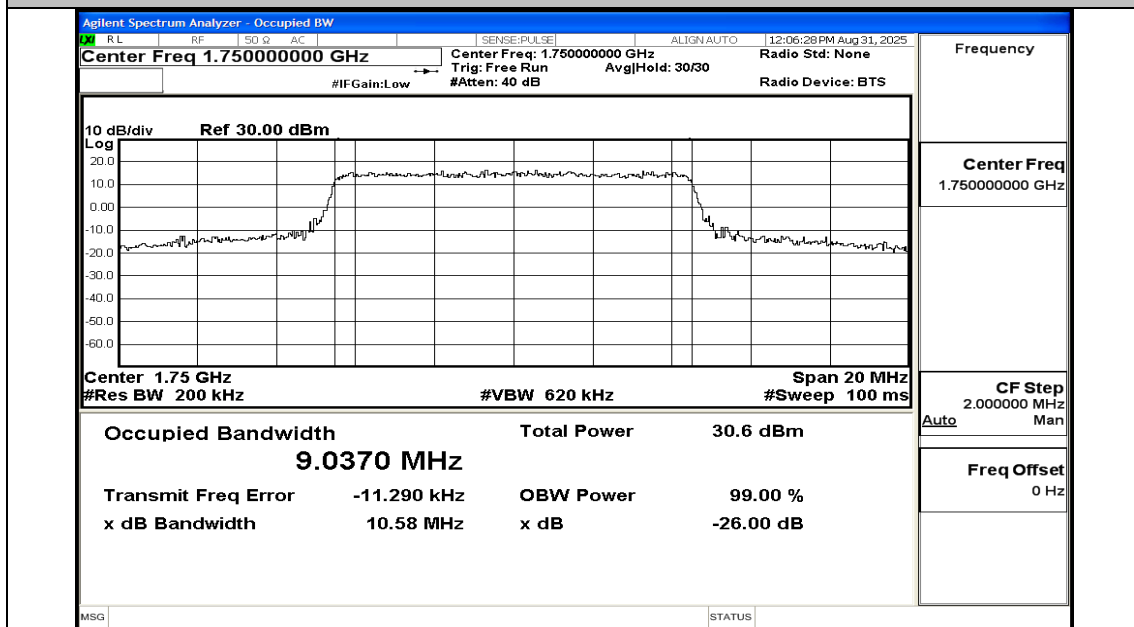
Band4-10MHz-QPSK-20175-50RB#0-PASS



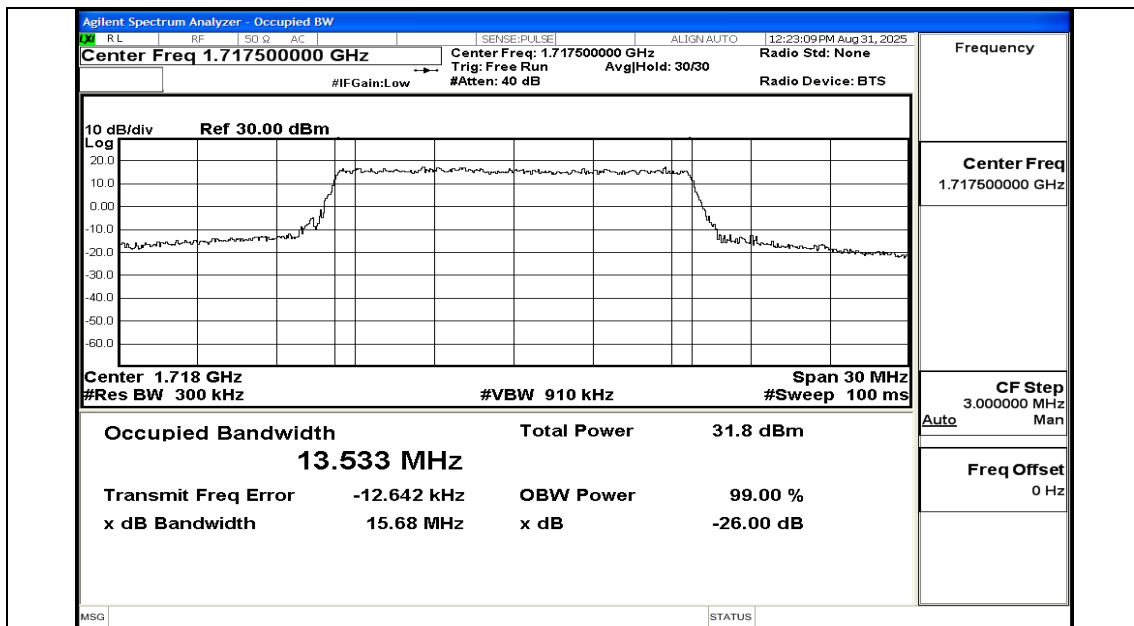
Band4-10MHz-16QAM-20175-50RB#0-PASS



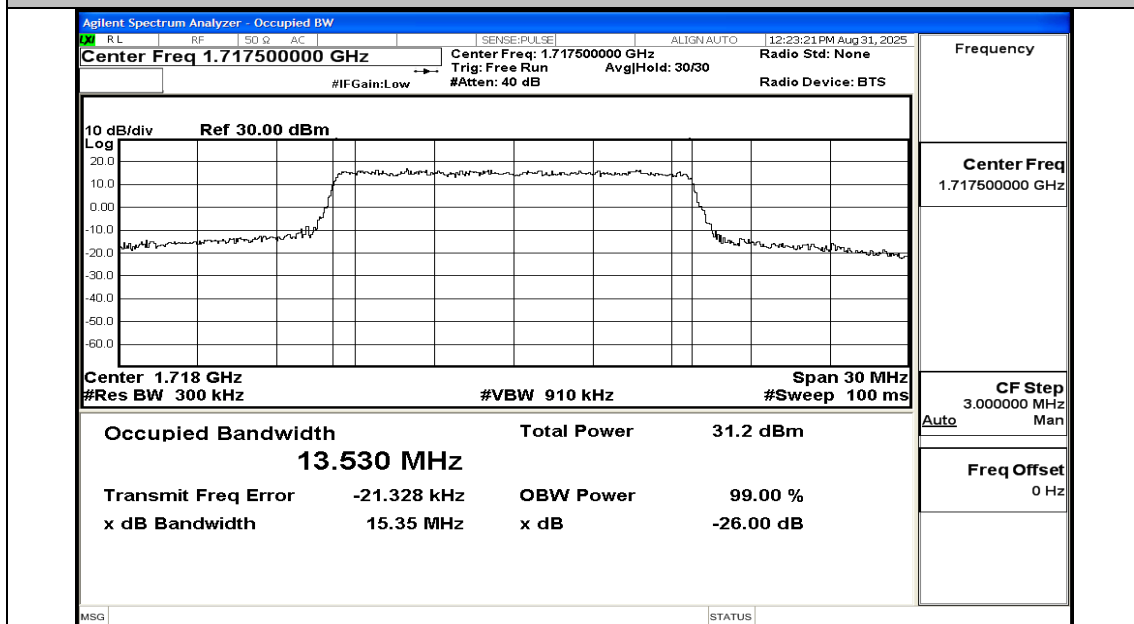
Band4-10MHz-QPSK-20350-50RB#0-PASS



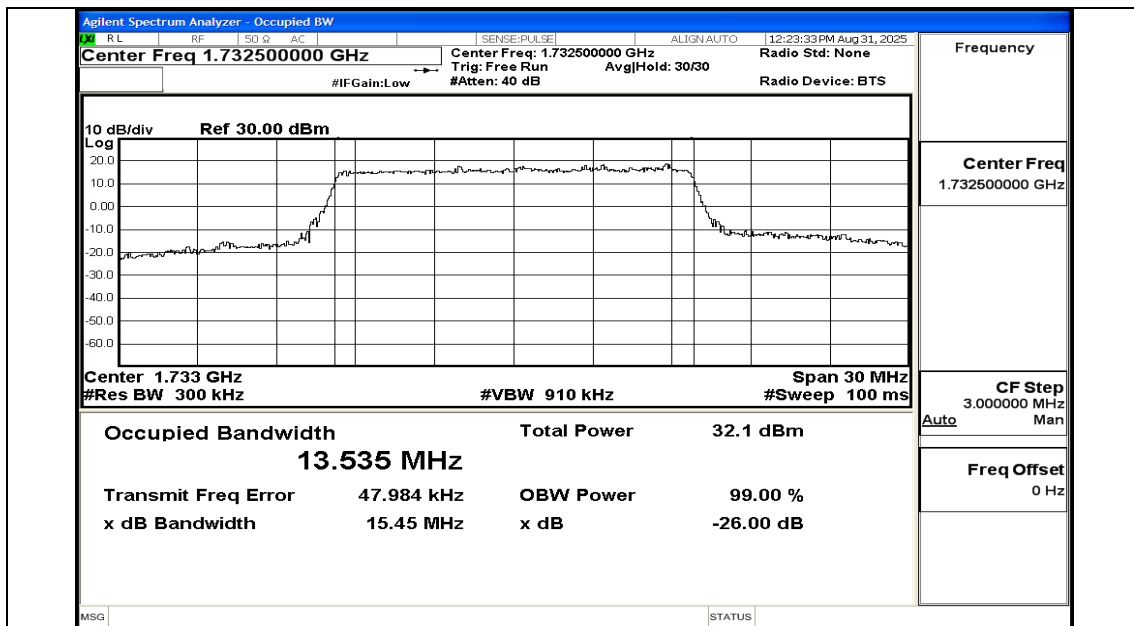
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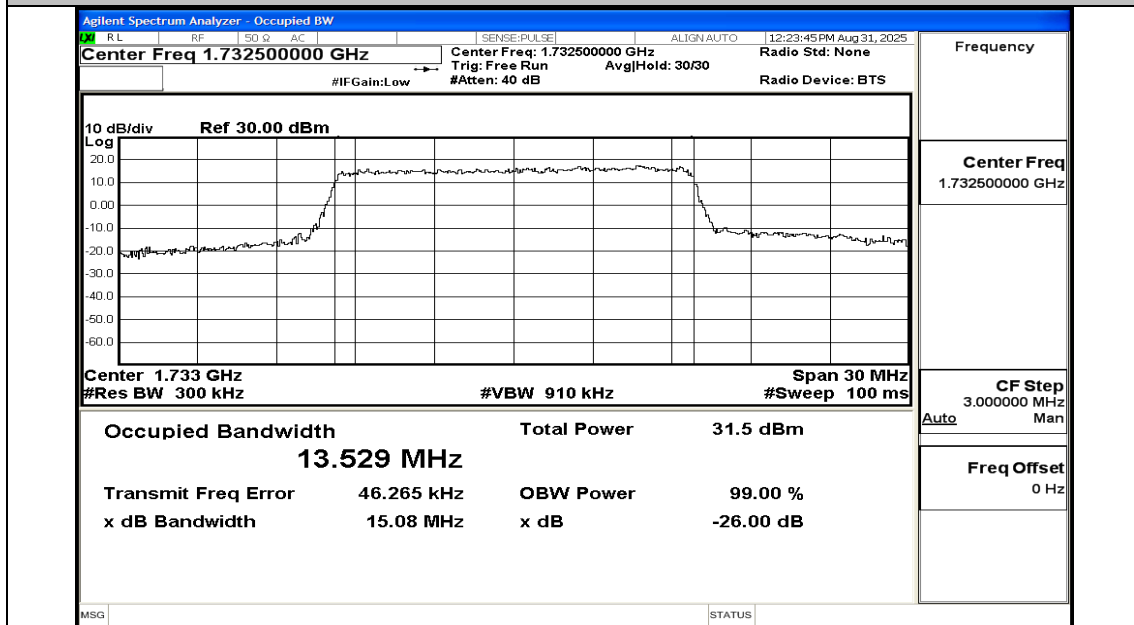
Band4-15MHz-QPSK-20025-75RB#0-PASS



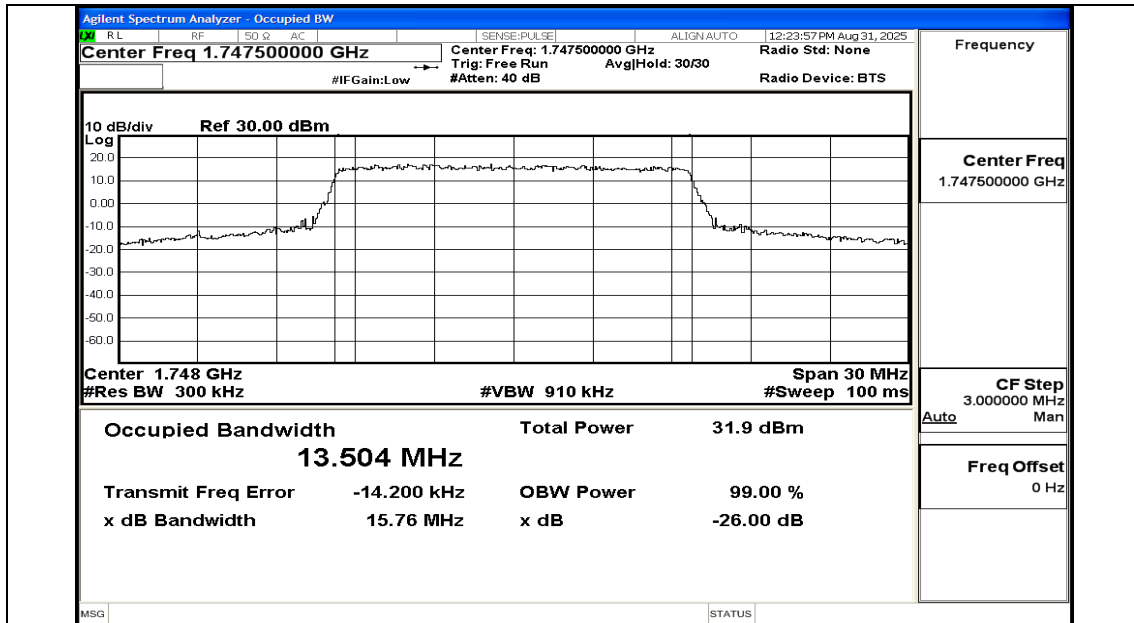
Band4-15MHz-16QAM-20025-75RB#0-PASS



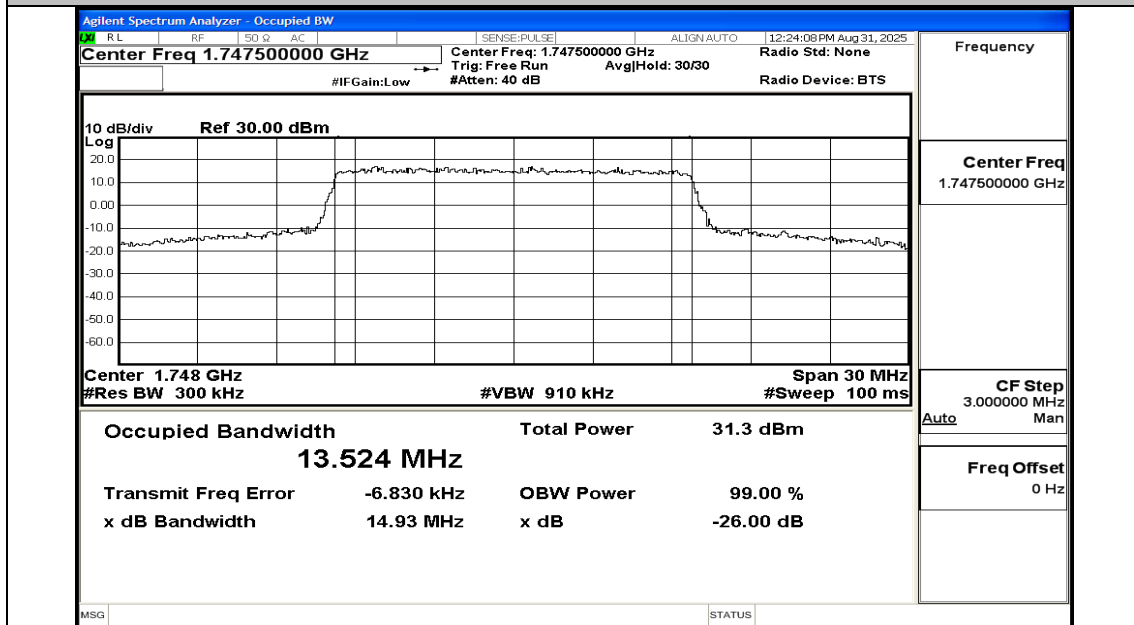
Band4-15MHz-QPSK-20175-75RB#0-PASS



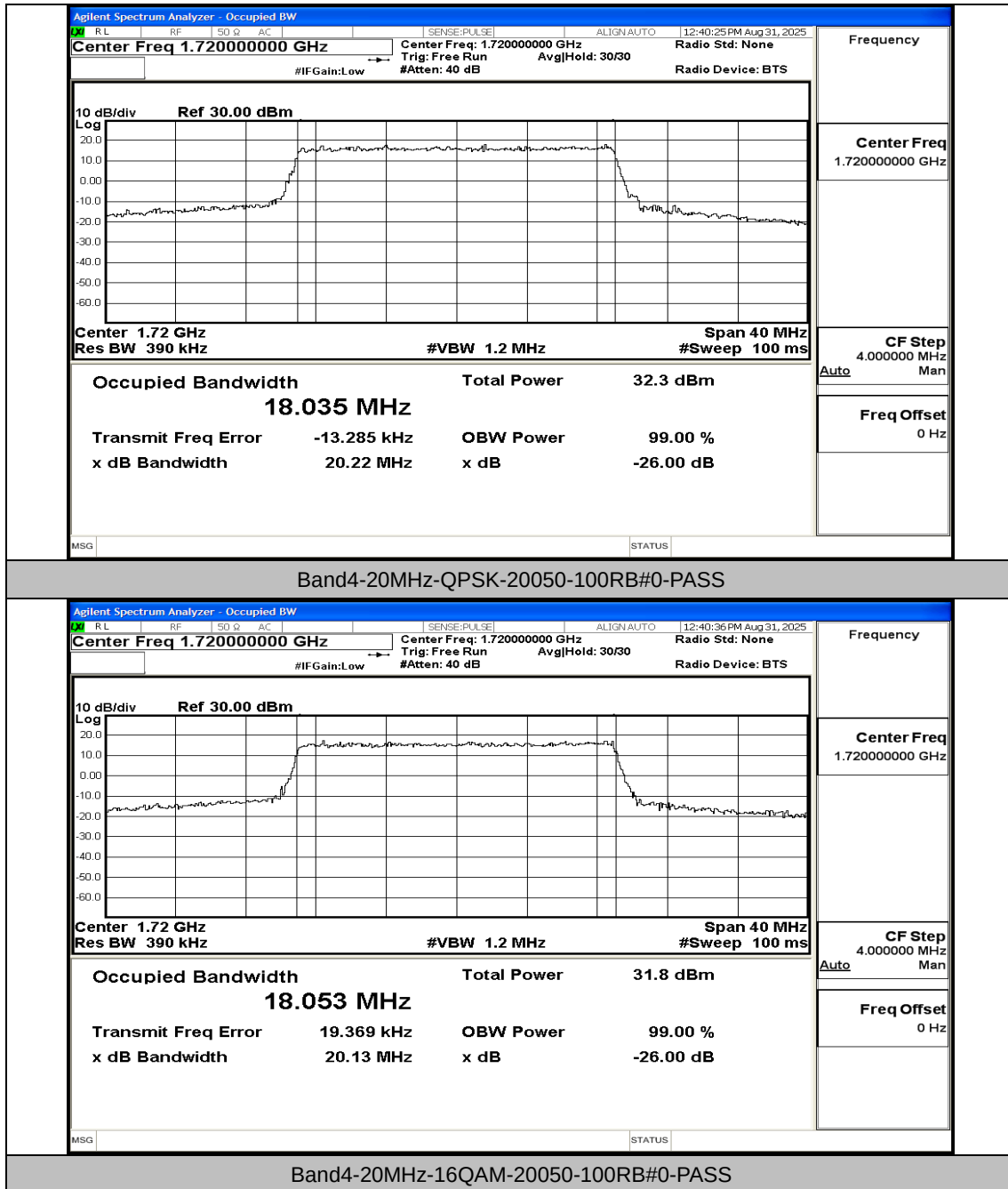
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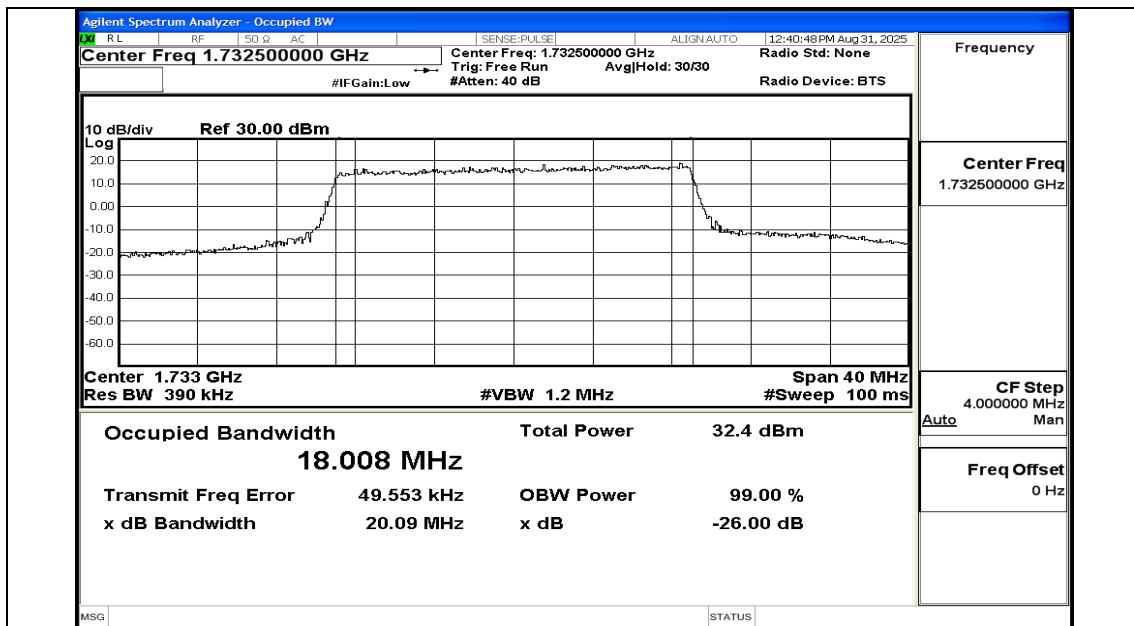


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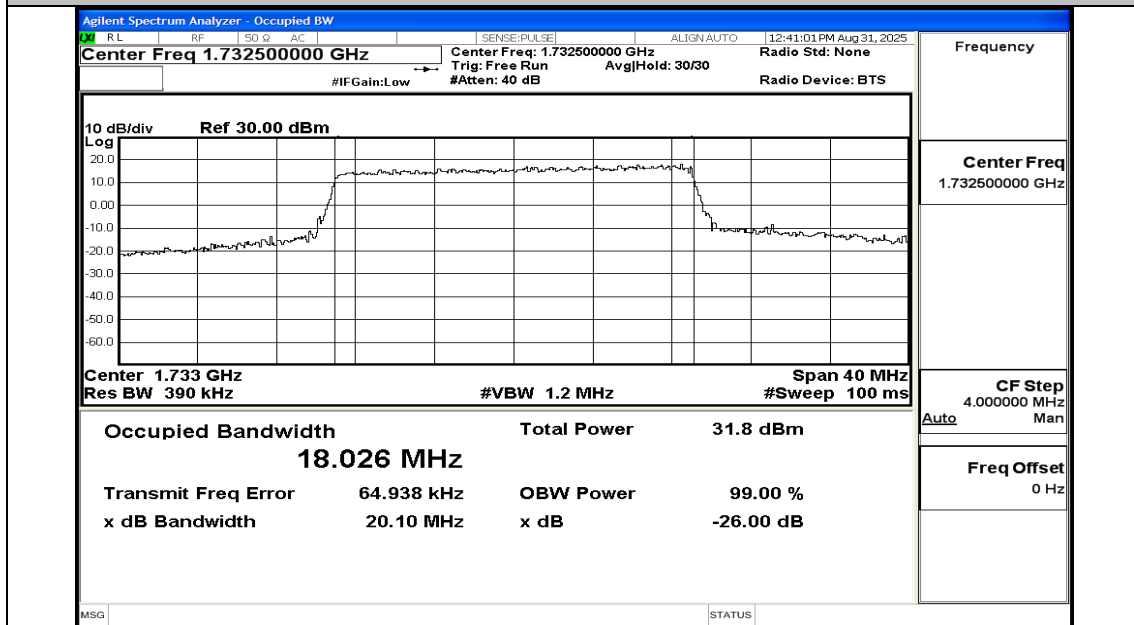


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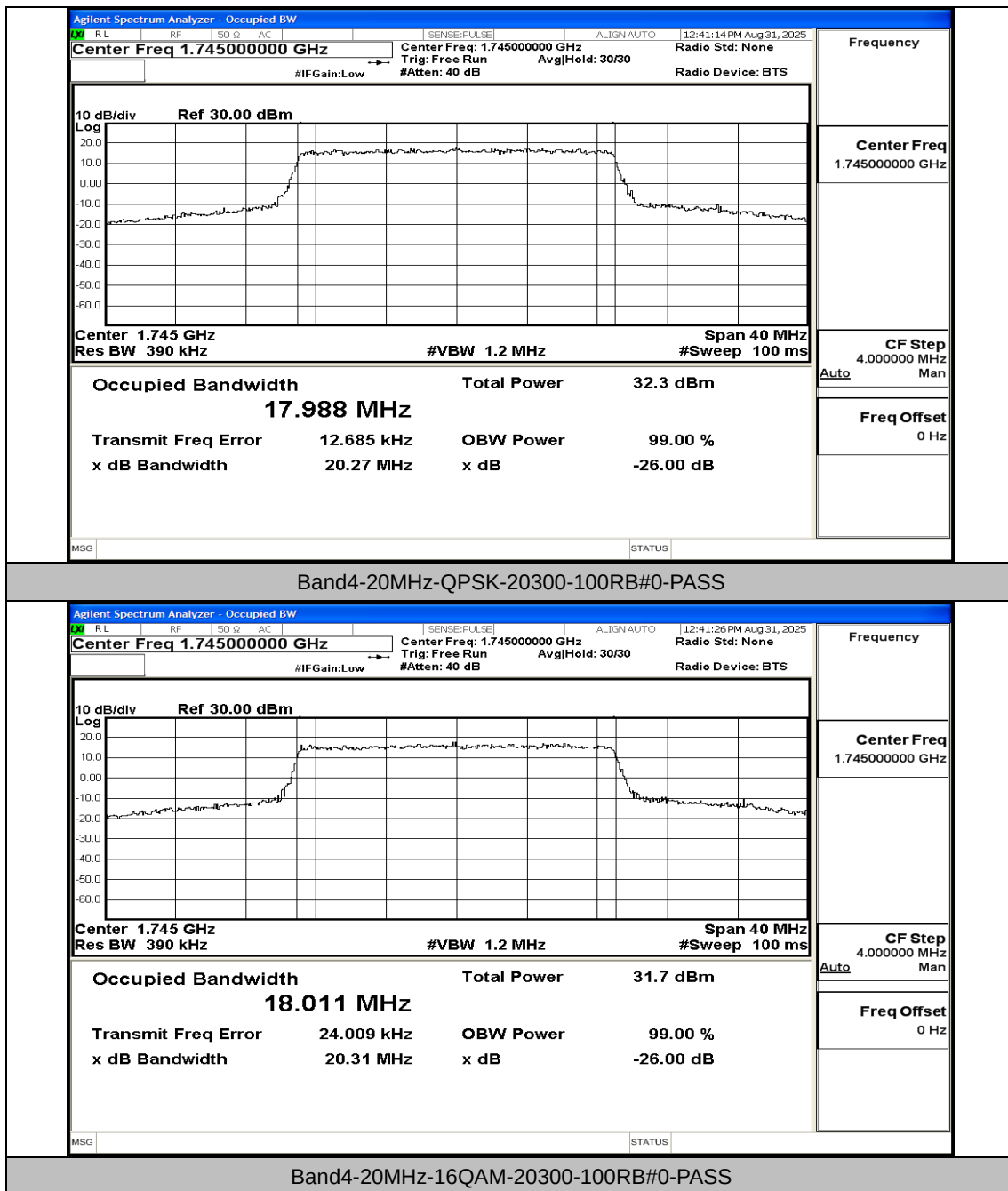




Band4-20MHz-QPSK-20175-100RB#0-PASS



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



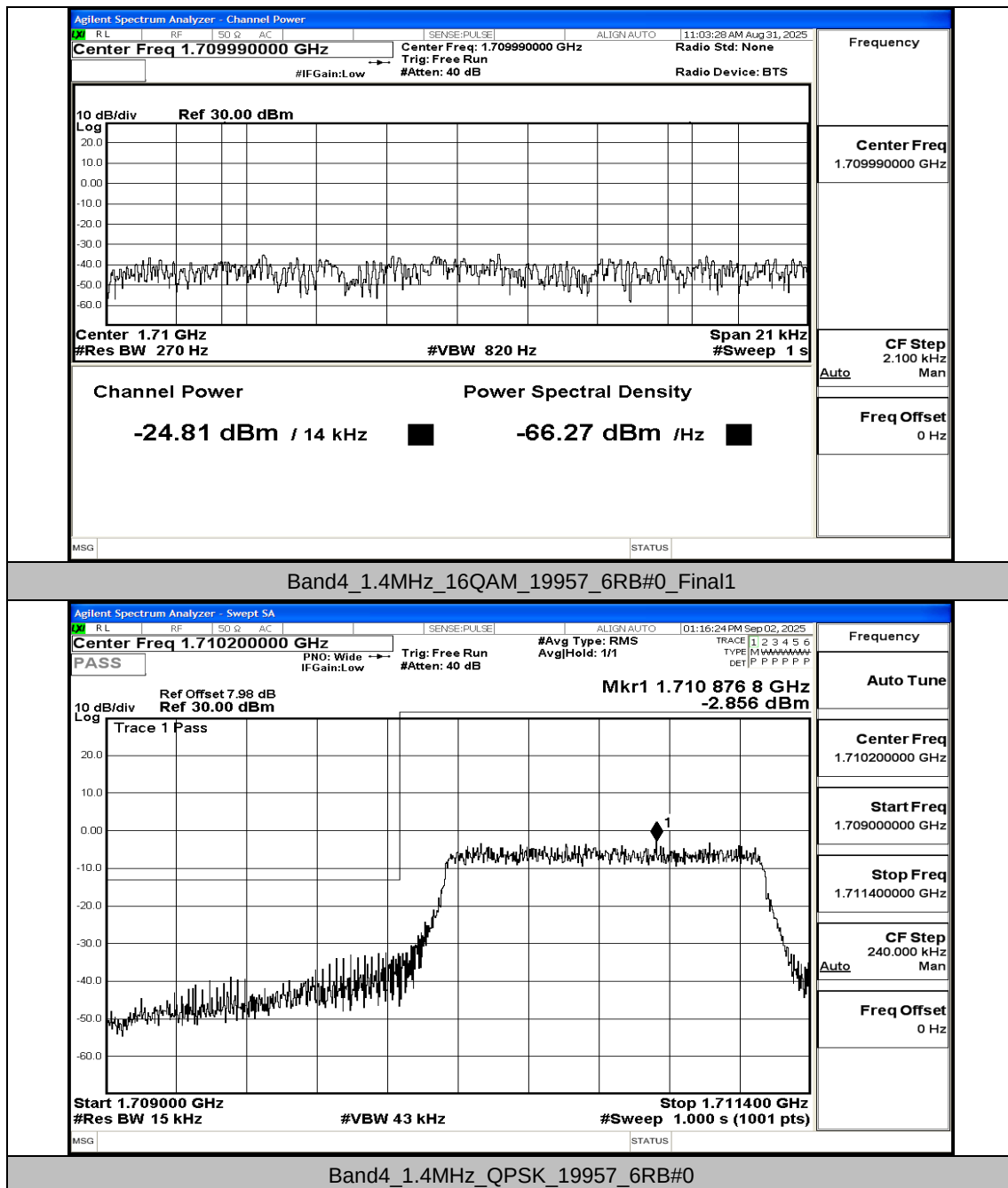
Appendix D: Band Edge

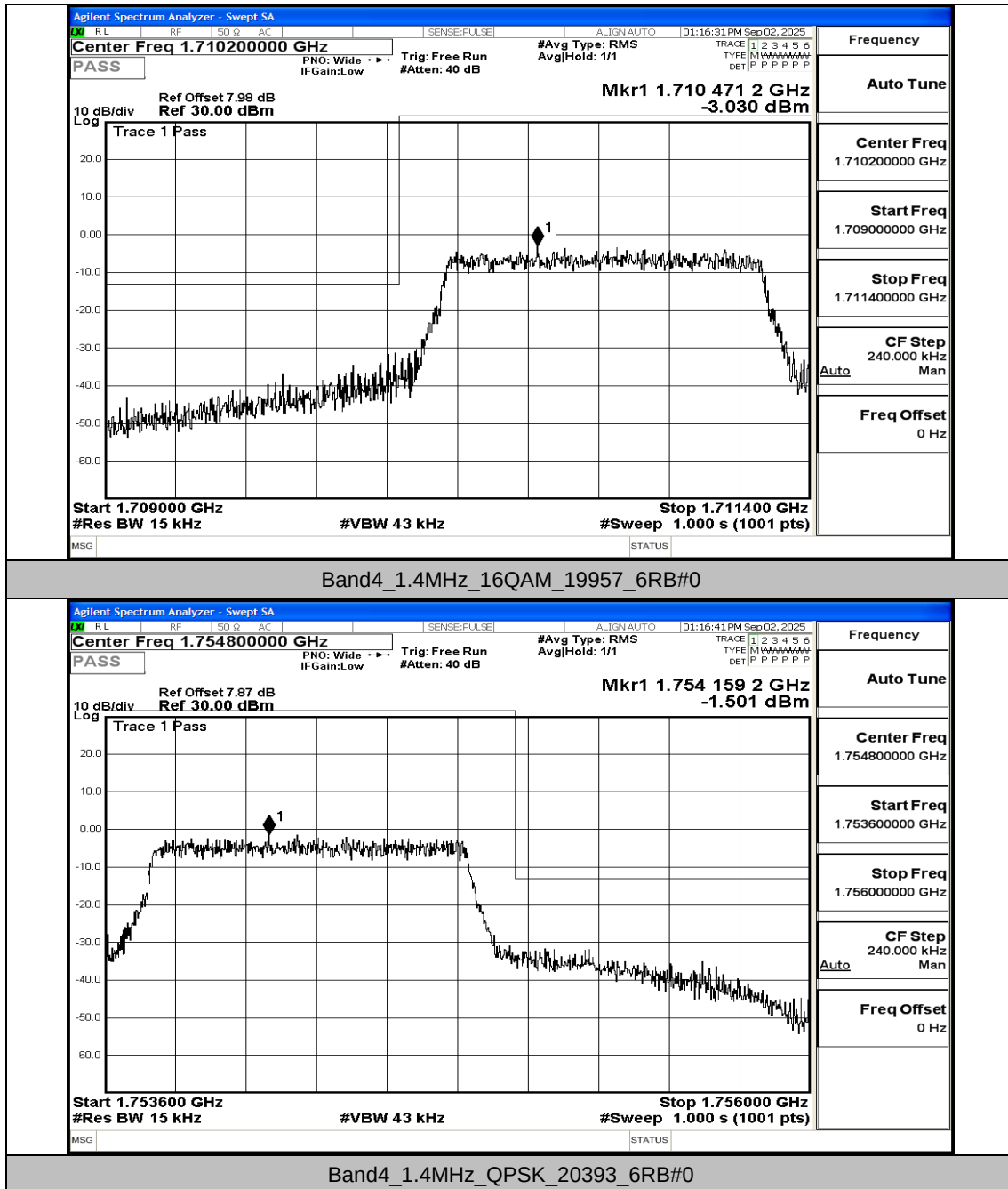
Test Result

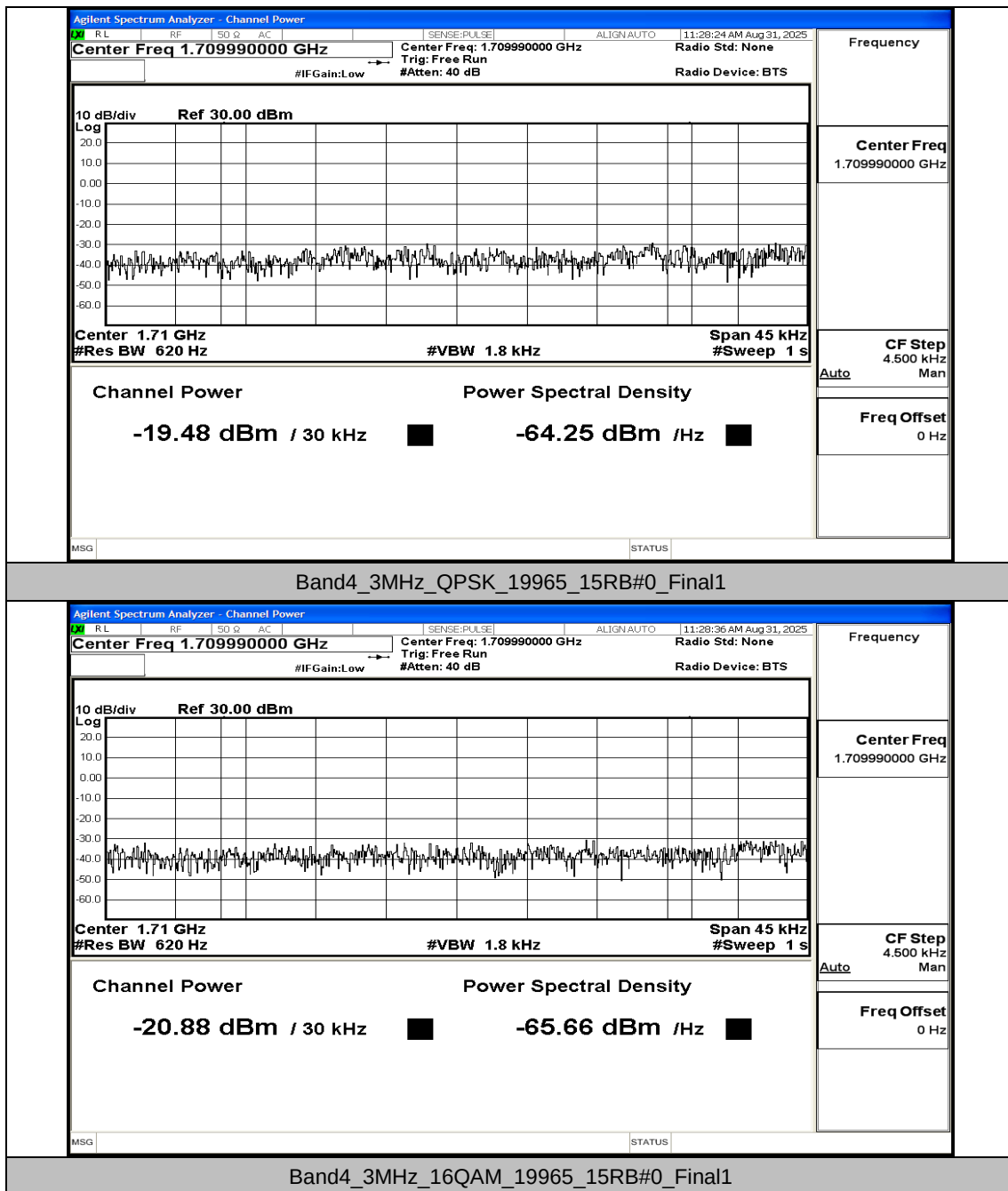
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band 4	1.4MHz	16QAM	19957	6RB#0	1709.99	-24.81	PASS_Final 1
Band 4	1.4MHz	QPSK	19957	6RB#0	1709.96	-32.41	PASS
Band 4	1.4MHz	16QAM	19957	6RB#0	1709.99	-31.20	PASS
Band 4	1.4MHz	QPSK	20393	6RB#0	1755.10	-31.76	PASS
Band 4	3MHz	QPSK	19965	15RB#0	1709.99	-19.48	PASS_Final 1
Band 4	3MHz	16QAM	19965	15RB#0	1709.99	-20.88	PASS_Final 1
Band 4	3MHz	QPSK	20385	15RB#0	1755.03	-21.10	PASS_Final 1
Band 4	1.4MHz	16QAM	20393	6RB#0	1755.02	-29.35	PASS
Band 4	3MHz	QPSK	19965	15RB#0	1710.00	-25.26	PASS
Band 4	3MHz	16QAM	19965	15RB#0	1710.00	-27.01	PASS
Band 4	3MHz	QPSK	20385	15RB#0	1755.01	-25.40	PASS
Band 4	3MHz	16QAM	20385	15RB#0	1755.00	-27.35	PASS
Band 4	5MHz	QPSK	19975	25RB#0	1709.98	-21.38	PASS_Final 1
Band 4	5MHz	16QAM	19975	25RB#0	1709.98	-22.23	PASS_Final 1
Band 4	5MHz	QPSK	20375	25RB#0	1755.13	-22.35	PASS_Final 1
Band 4	5MHz	16QAM	20375	25RB#0	1755.03	-23.40	PASS_Final 1
Band 4	5MHz	QPSK	19975	25RB#0	1709.99	-23.99	PASS
Band 4	5MHz	16QAM	19975	25RB#0	1709.98	-26.30	PASS

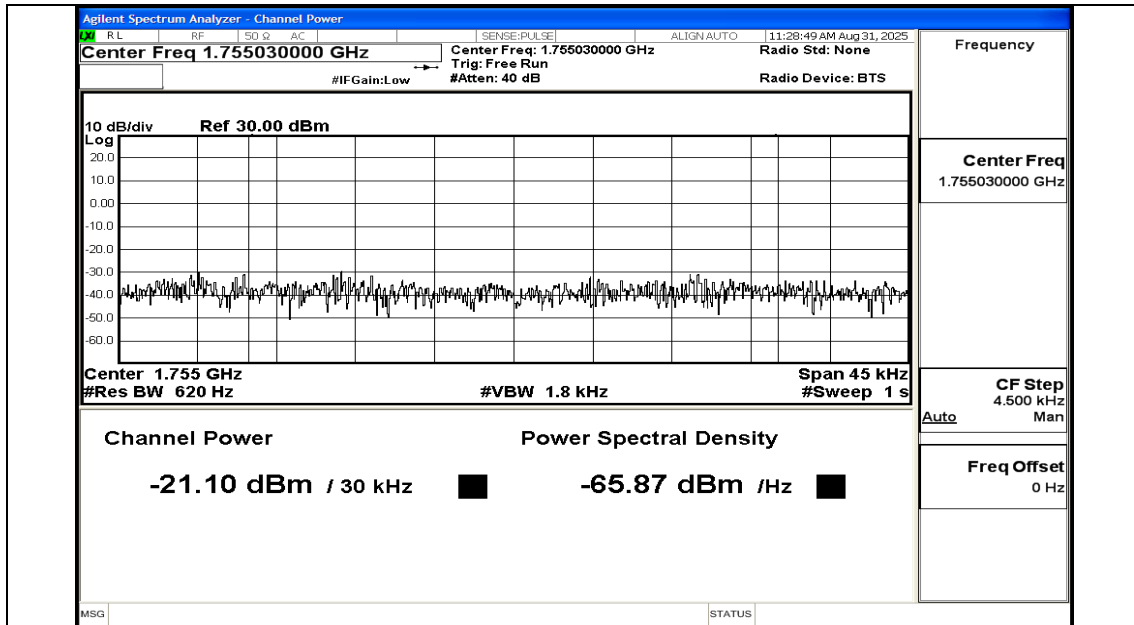
Band 4	5MHz	QPSK	20375	25RB#0	1755.11	-27.29	PASS
Band 4	5MHz	16QAM	20375	25RB#0	1755.11	-26.34	PASS
Band 4	10MHz	QPSK	20000	50RB#0	1709.91	-21.31	PASS_Final 1
Band 4	10MHz	16QAM	20000	50RB#0	1709.91	-22.57	PASS_Final 1
Band 4	10MHz	QPSK	20350	50RB#0	1755.12	-20.50	PASS_Final 1
Band 4	10MHz	QPSK	20000	50RB#0	1709.98	-26.78	PASS
Band 4	10MHz	16QAM	20000	50RB#0	1709.89	-29.18	PASS
Band 4	10MHz	QPSK	20350	50RB#0	1755.16	-27.43	PASS
Band 4	10MHz	16QAM	20350	50RB#0	1755.16	-28.26	PASS
Band 4	15MHz	QPSK	20025	75RB#0	1709.91	-24.92	PASS
Band 4	15MHz	QPSK	20025	75RB#0	1709.90	-19.83	PASS_Final 1
Band 4	15MHz	16QAM	20325	75RB#0	1755.50	-20.03	PASS_Final 1
Band 4	15MHz	16QAM	20025	75RB#0	1709.78	-29.51	PASS
Band 4	15MHz	QPSK	20325	75RB#0	1755.22	-28.73	PASS
Band 4	15MHz	16QAM	20325	75RB#0	1755.30	-28.40	PASS
Band 4	20MHz	QPSK	20050	100RB#0	1709.97	-28.78	PASS
Band 4	20MHz	16QAM	20050	100RB#0	1709.95	-29.13	PASS
Band 4	20MHz	QPSK	20300	100RB#0	1755.14	-27.83	PASS
Band 4	20MHz	QPSK	20300	100RB#0	1755.20	-18.67	PASS_Final 1
Band 4	20MHz	16QAM	20300	100RB#0	1755.79	-28.86	PASS

Test Graphs

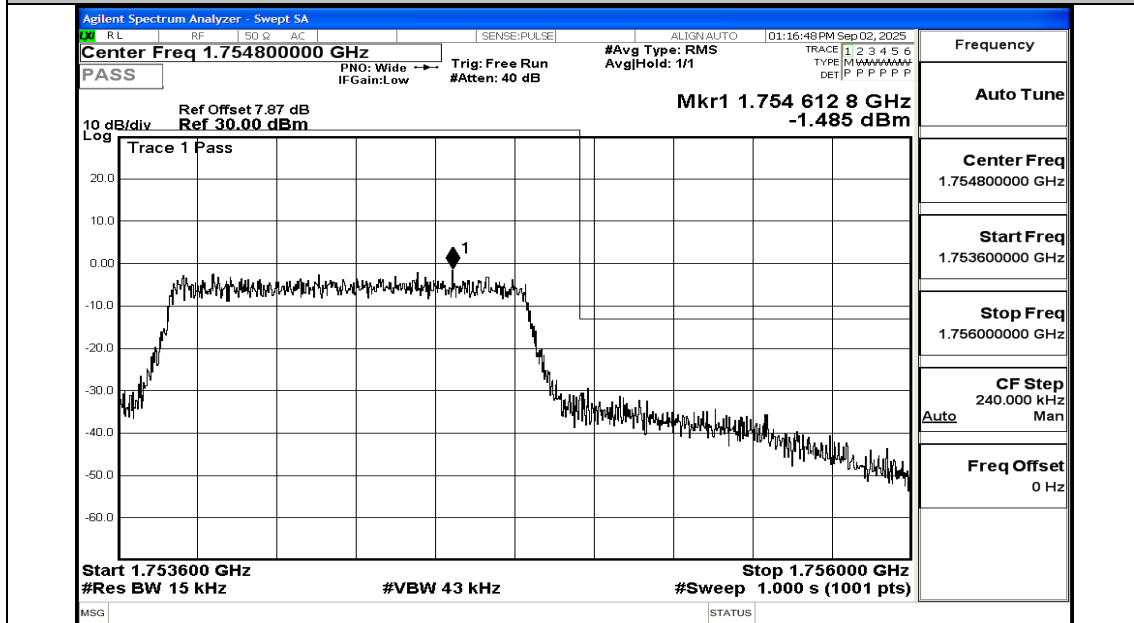




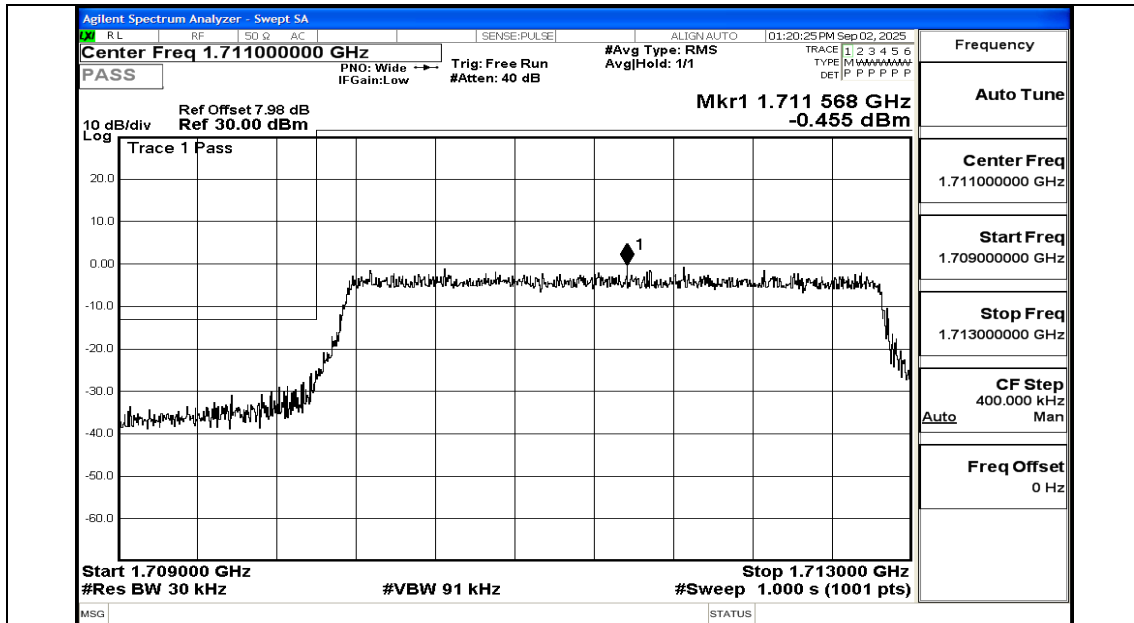




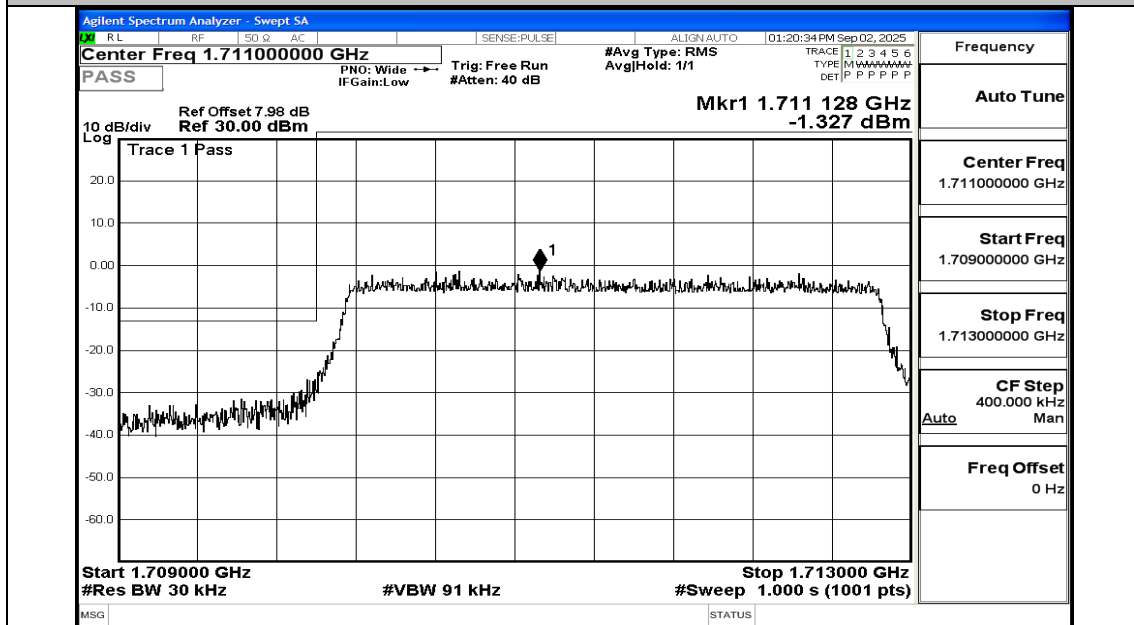
Band4_3MHz_QPSK_20385_15RB#0_Final1



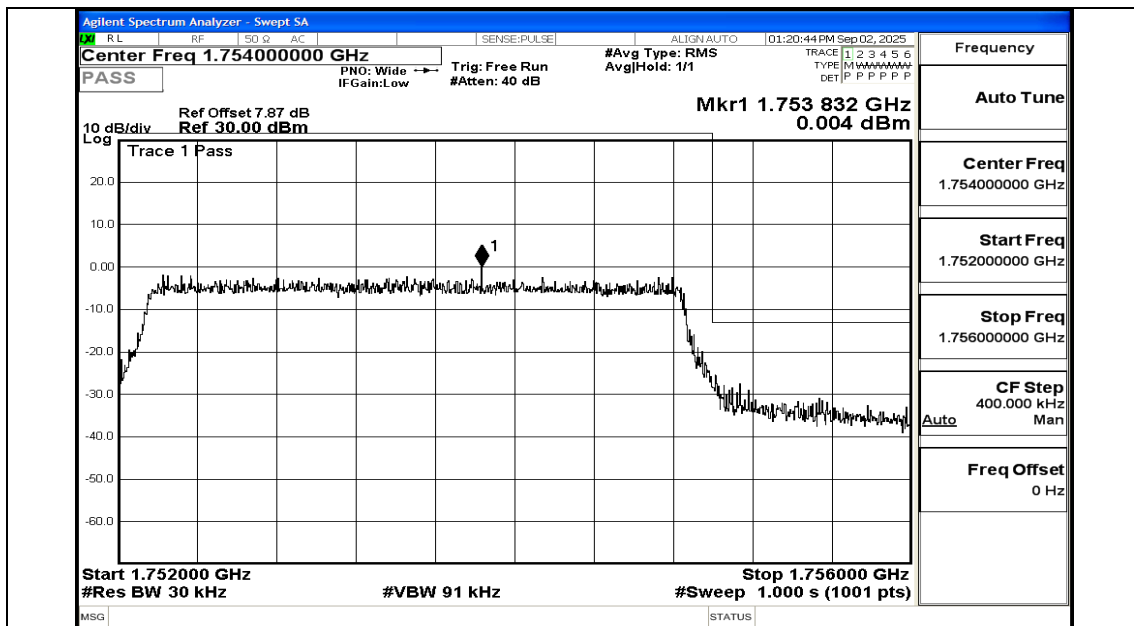
Band4_1.4MHz_16QAM_20393_6RB#0



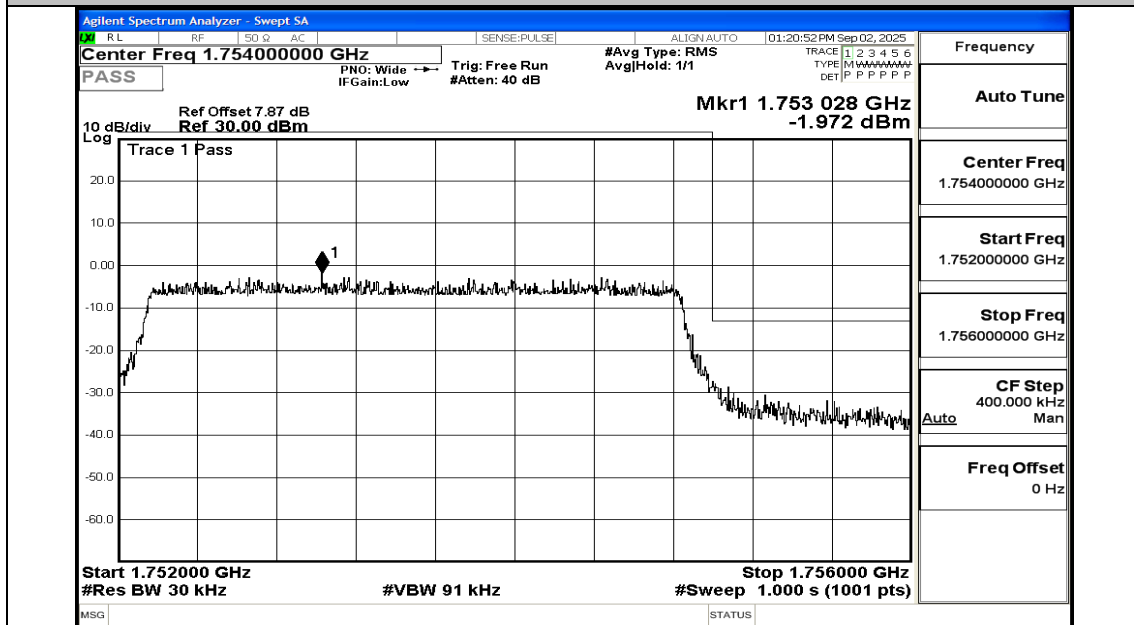
Band4_3MHz_QPSK_19965_15RB#0



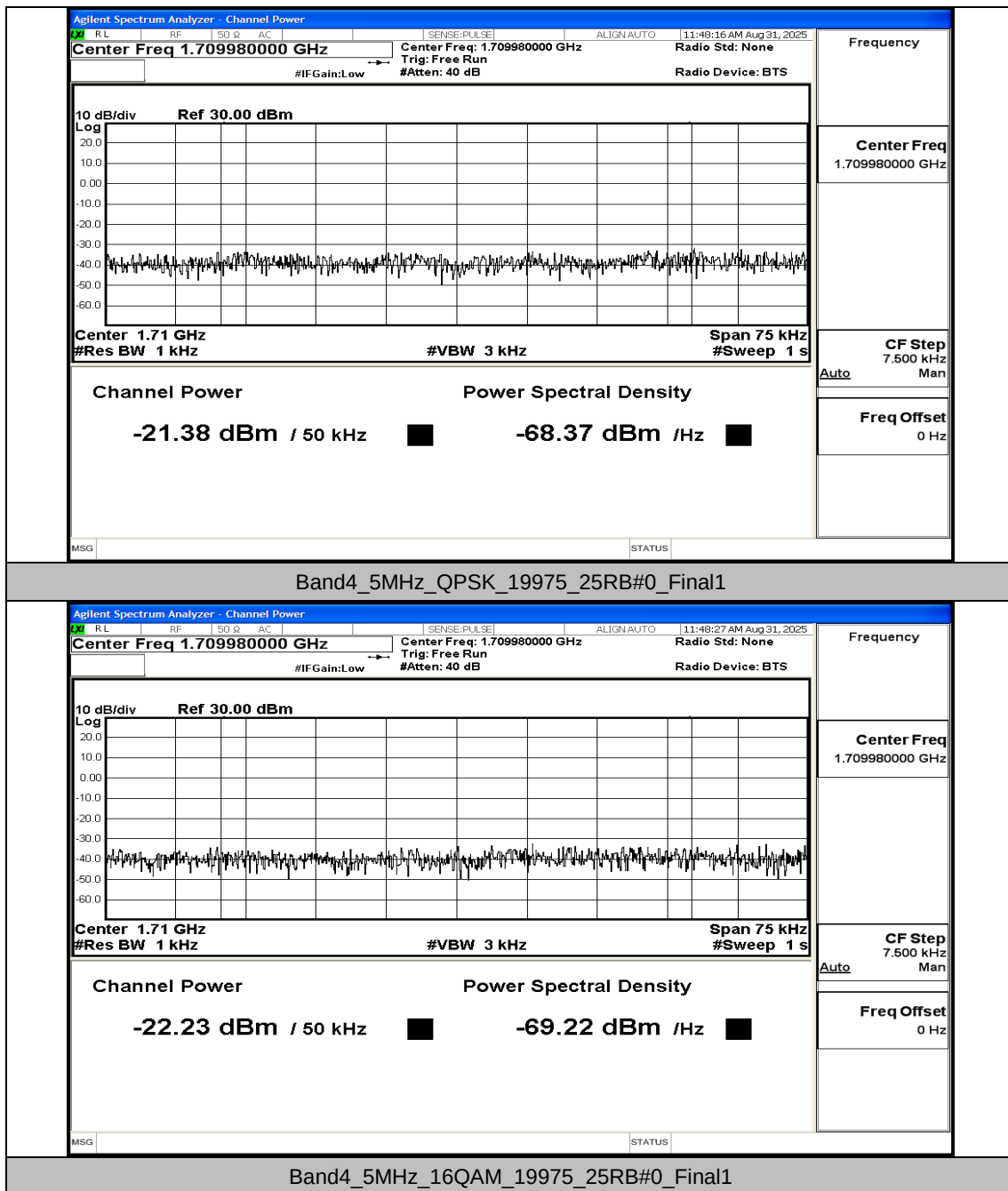
Band4_3MHz_16QAM_19965_15RB#0

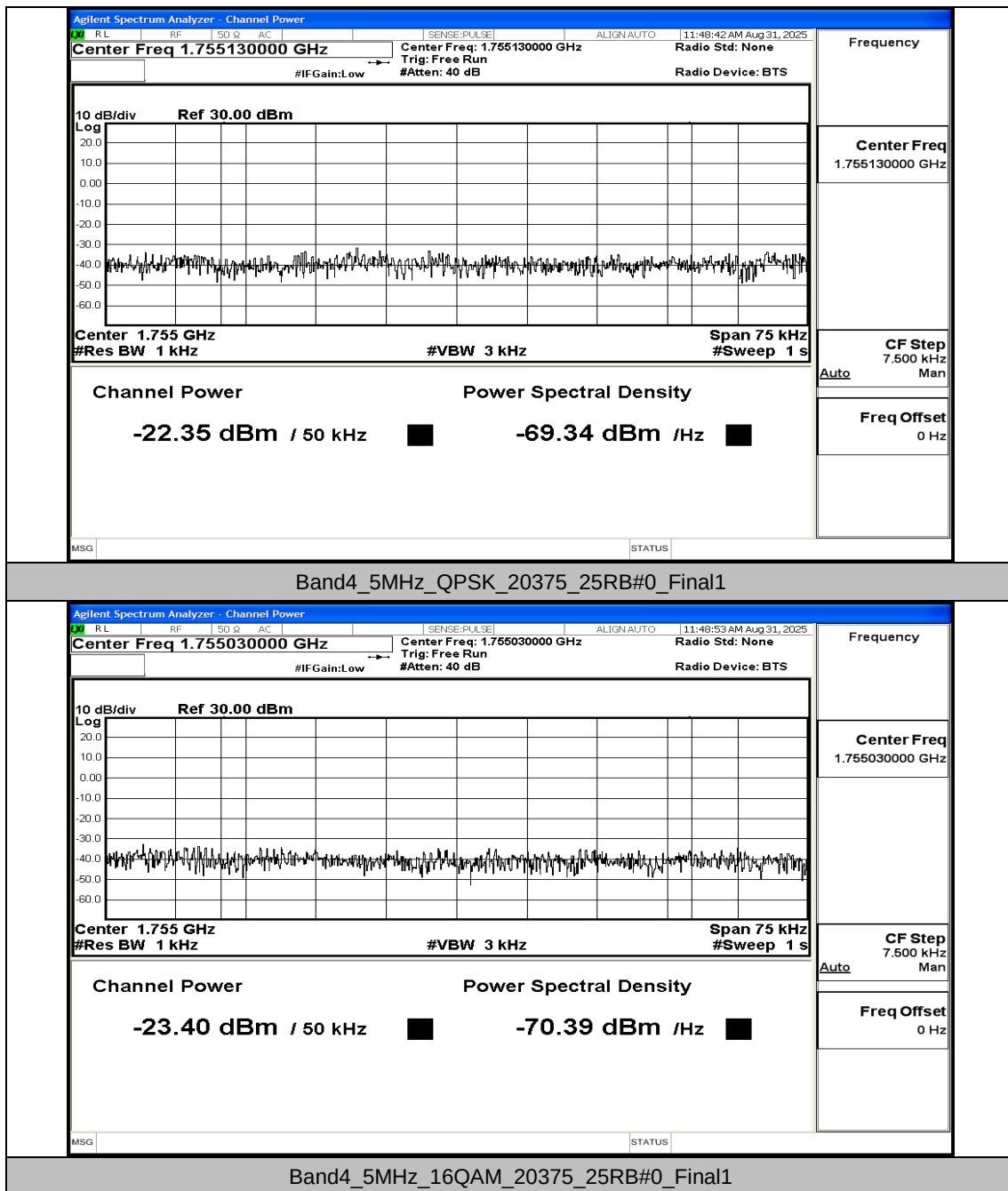


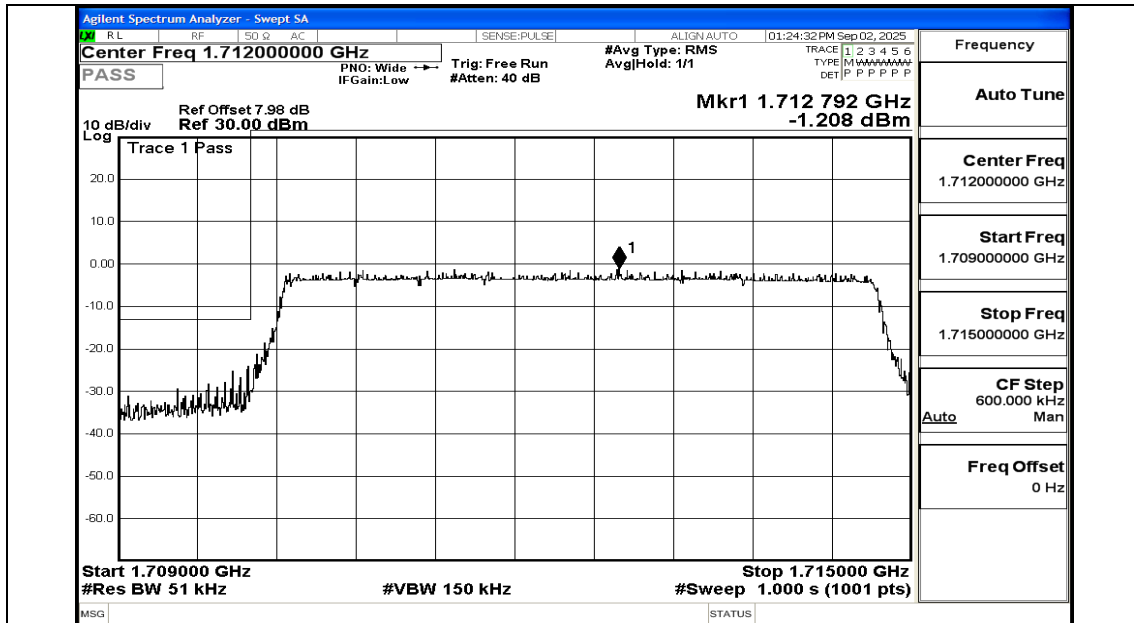
Band4_3MHz_QPSK_20385_15RB#0



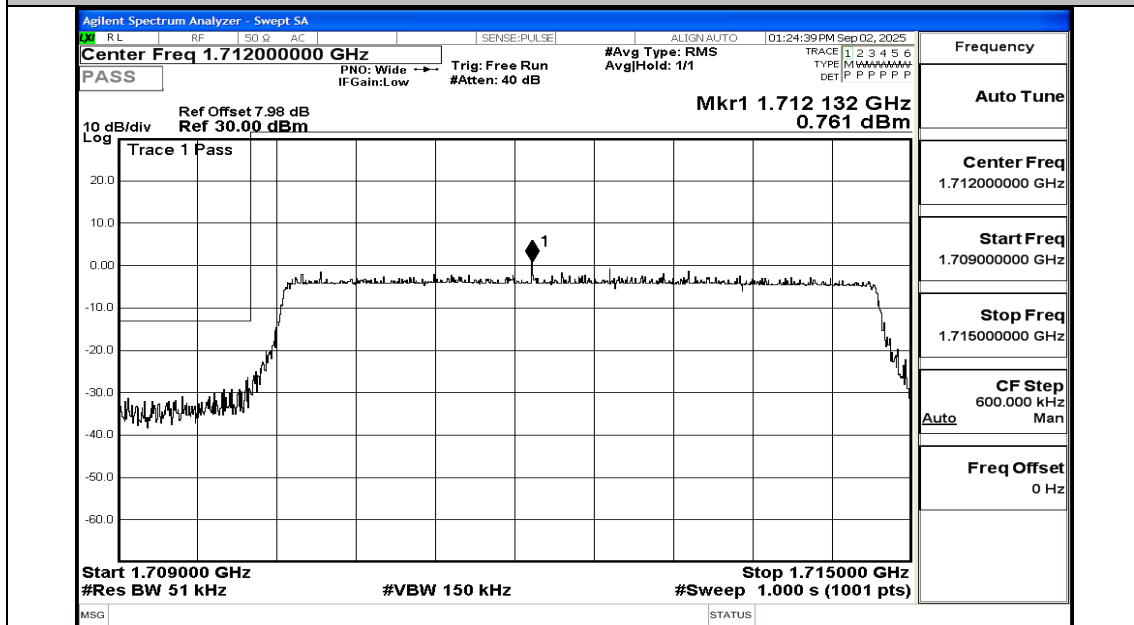
Band4_3MHz_16QAM_20385_15RB#0



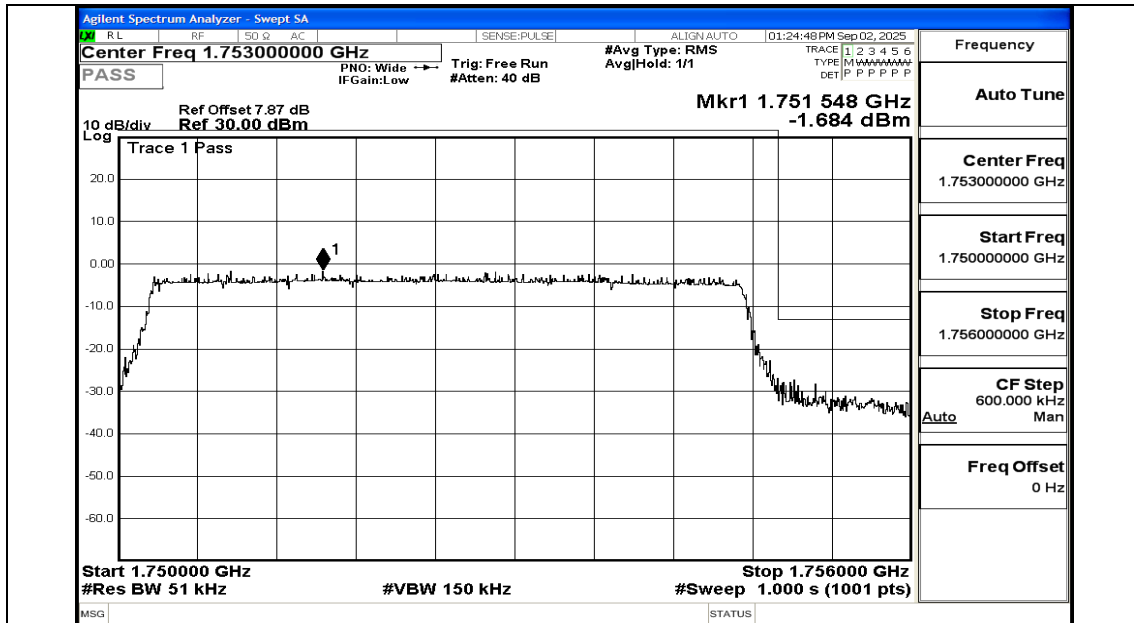




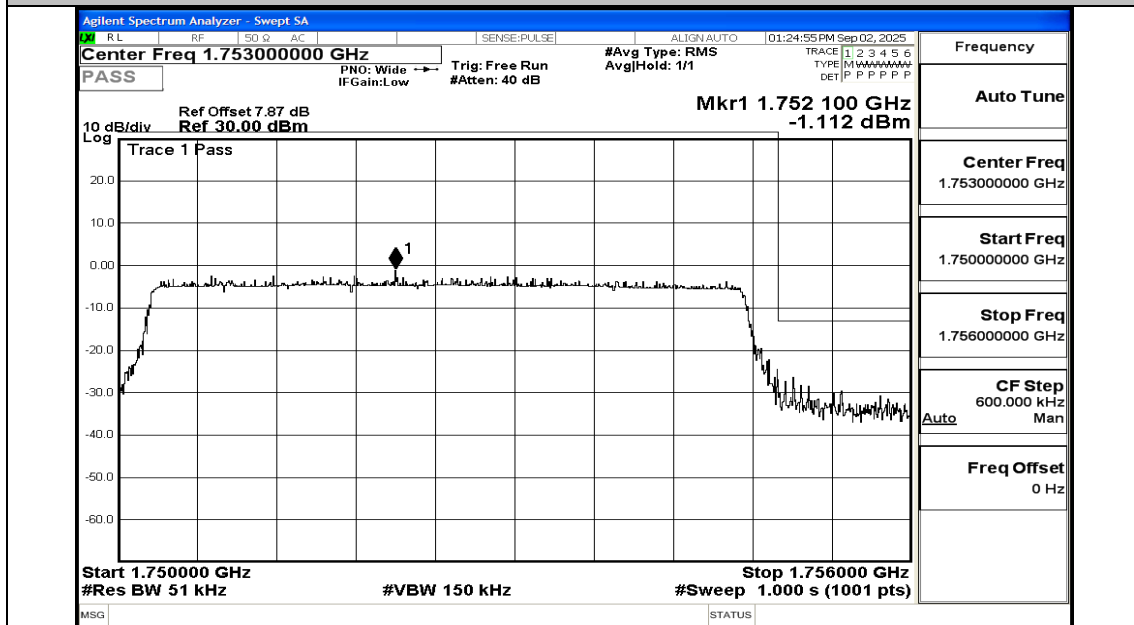
Band4_5MHz_QPSK_19975_25RB#0



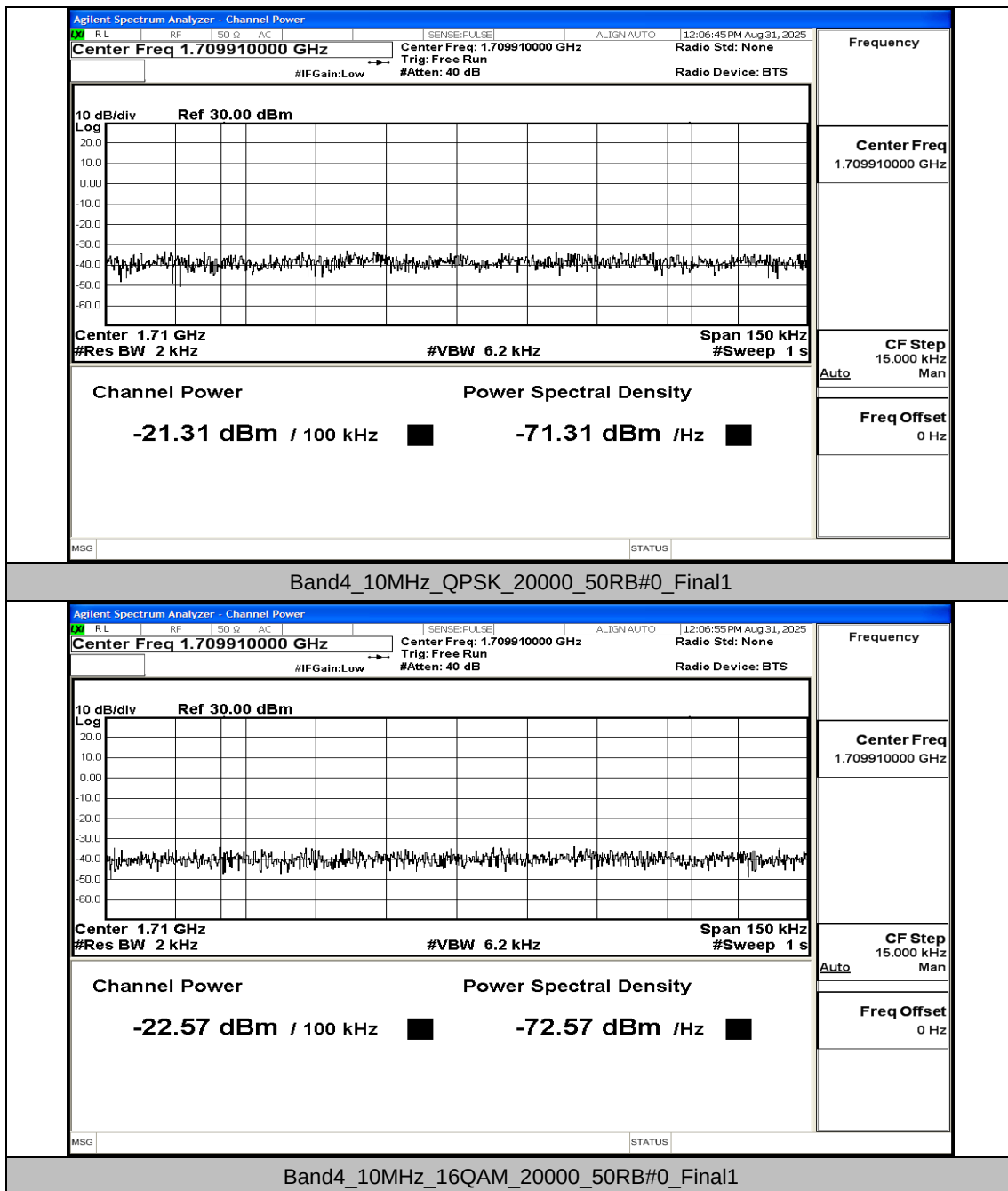
Band4_5MHz_16QAM_19975_25RB#0

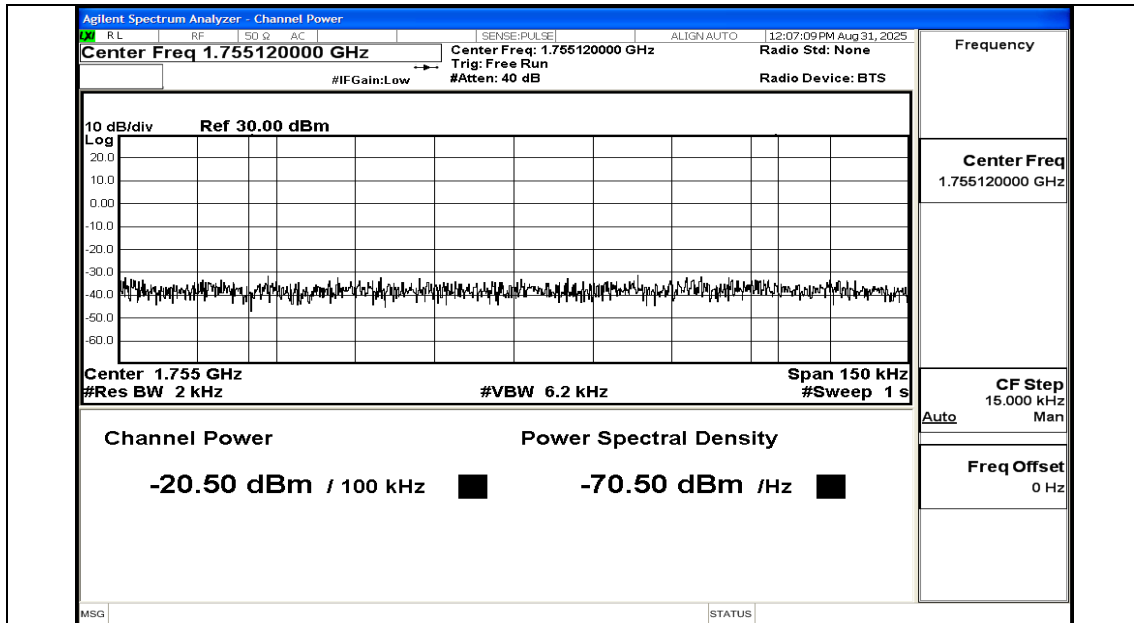


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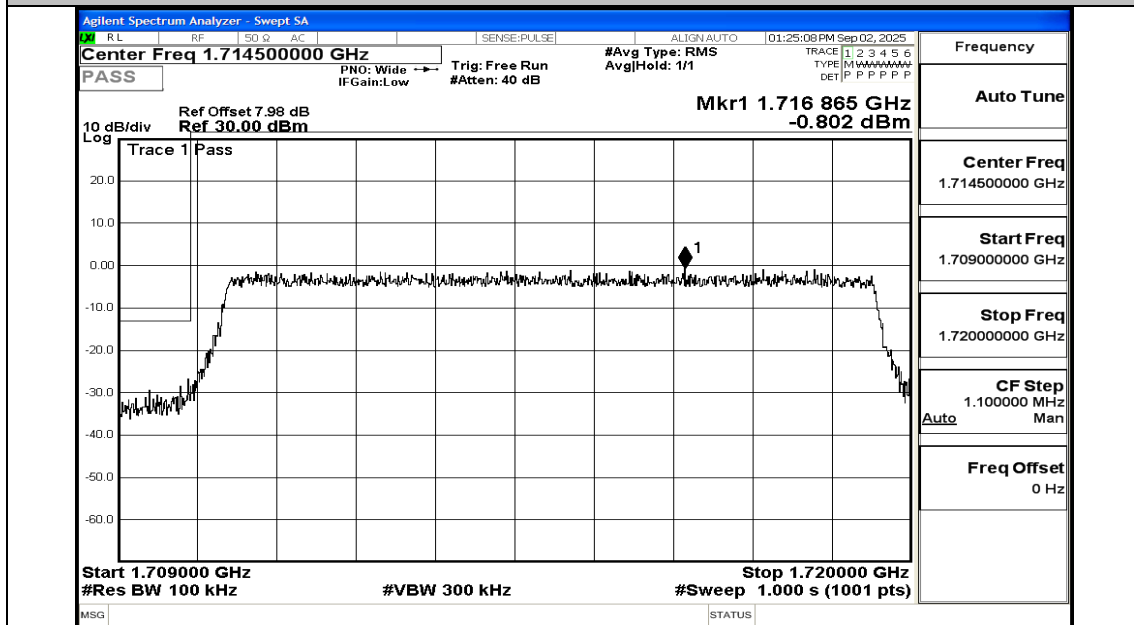


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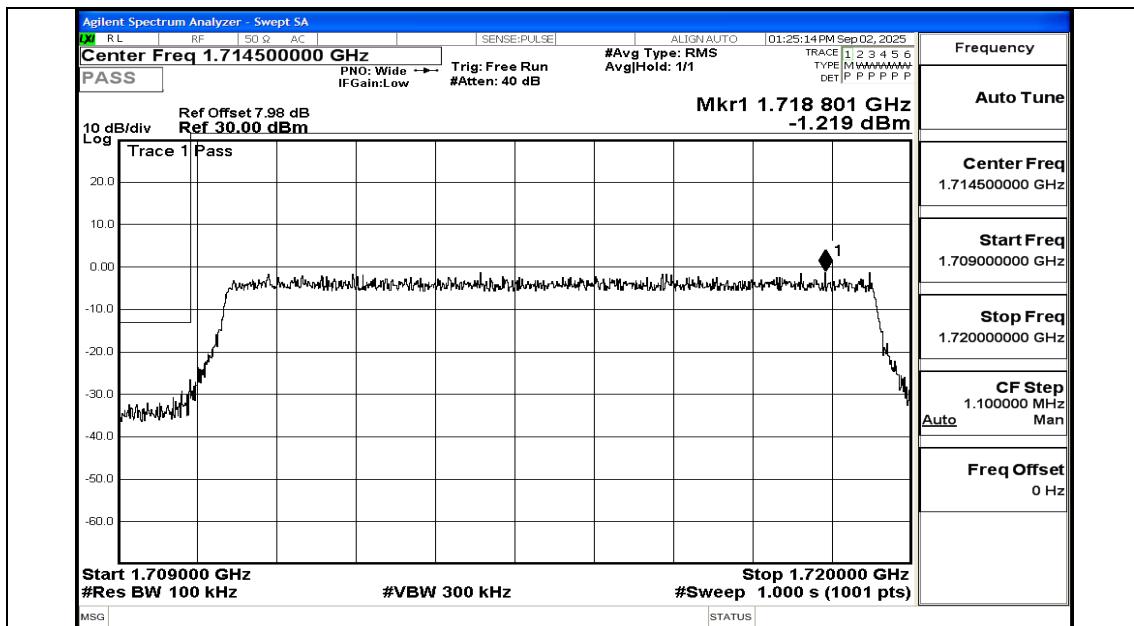




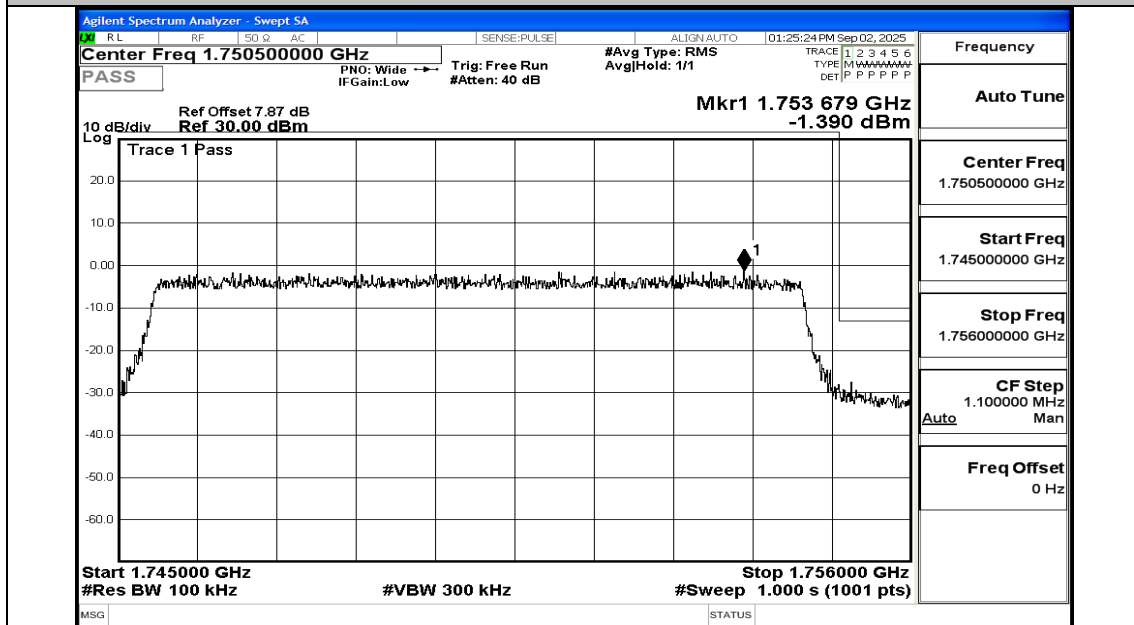
Band4_10MHz_QPSK_20350_50RB#0_Final1



Band4_10MHz_QPSK_20000_50RB#0



Band4_10MHz_16QAM_20000_50RB#0



Band4_10MHz_QPSK_20350_50RB#0

