

Test Data for E-UTRA Band 4

EUT: <u>iMat @Weigh -30 Smart office Vending machine</u>	Test Model: <u>W80-30</u>
Ambient Condition: <u>25 °C, 45 %RH, 101.325 kPa</u>	
Test Engineer: <u>Jack Zhou</u>	

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	21.88	24.69	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.94	24.75	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.90	24.71	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.93	24.74	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.93	24.74	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.92	24.73	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.92	24.73	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.42	25.23	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.52	25.33	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.58	25.39	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.38	25.19	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.39	25.20	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.54	25.35	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.41	25.22	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.23	25.04	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.29	25.10	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.24	25.05	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.19	25.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.21	25.02	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.26	25.07	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.11	24.92	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.15	23.96	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.27	24.08	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.16	23.97	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.92	23.73	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.91	23.72	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.94	23.75	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.05	23.86	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.60	24.41	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.82	24.63	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.76	24.57	PASS

Band4	1.4MHz	16QAM	20175	3RB#0	21.45	24.26	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.43	24.24	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.52	24.33	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.40	24.21	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.18	23.99	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.29	24.10	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.22	24.03	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.14	23.95	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.12	23.93	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.12	23.93	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.24	24.05	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.97	24.78	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.11	24.92	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.99	24.80	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.96	24.77	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.97	24.78	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.95	24.76	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.98	24.79	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.29	25.10	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.60	25.41	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.70	25.51	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.33	25.14	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.32	25.13	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.53	25.34	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.43	25.24	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.26	25.07	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.25	25.06	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.26	25.07	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.12	24.93	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.11	24.92	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.12	24.93	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.09	24.90	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.16	23.97	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.32	24.13	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.16	23.97	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.10	23.91	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.10	23.91	PASS

Band4	3MHz	16QAM	19965	8RB#7	21.09	23.90	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.06	23.87	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.52	24.33	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.80	24.61	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.85	24.66	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.45	24.26	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.44	24.25	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.66	24.47	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.39	24.20	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.14	23.95	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.24	24.05	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.20	24.01	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.23	24.04	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.23	24.04	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.28	24.09	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.14	23.95	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.03	24.84	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.13	24.94	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.85	24.66	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.94	24.75	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.93	24.74	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.85	24.66	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.92	24.73	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.20	25.01	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.70	25.51	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.87	25.68	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.21	25.02	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.21	25.02	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.60	25.41	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.23	25.04	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.27	25.08	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.29	25.10	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.16	24.97	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.04	24.85	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.06	24.87	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.06	24.87	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.05	24.86	PASS

Band4	5MHz	16QAM	19975	1RB#0	21.04	23.85	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.19	24.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.94	23.75	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.03	23.84	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.03	23.84	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.96	23.77	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.02	23.83	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.38	24.19	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.92	24.73	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.07	24.88	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.38	24.19	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.37	24.18	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.57	24.38	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.38	24.19	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.27	24.08	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.38	24.19	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.28	24.09	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.19	24.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.21	24.02	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.22	24.03	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.20	24.01	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.24	24.05	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.87	24.68	PASS
Band4	10MHz	QPSK	20000	1RB#49	20.80	23.61	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.70	24.51	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.69	24.50	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.36	24.17	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.53	24.34	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.15	23.96	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.55	25.36	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.33	25.14	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.91	24.72	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.87	24.68	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.53	25.34	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.17	24.98	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.03	24.84	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.36	25.17	PASS

Band4	10MHz	QPSK	20350	1RB#49	21.45	24.26	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.14	24.95	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.11	24.92	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.85	24.66	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.99	24.80	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.47	23.28	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.13	23.94	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.00	22.81	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.77	23.58	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.79	23.60	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.47	23.28	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.62	23.43	PASS
Band4	10MHz	16QAM	20175	1RB#0	20.41	23.22	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.83	24.64	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.57	24.38	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.00	23.81	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.99	23.80	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.66	24.47	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.30	24.11	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.96	23.77	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.30	24.11	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.48	23.29	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.26	24.07	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.25	24.06	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.01	23.82	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.07	23.88	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.20	24.01	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.68	24.49	PASS
Band4	15MHz	QPSK	20025	1RB#74	20.69	23.50	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.44	24.25	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.37	24.18	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.36	24.17	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.34	24.15	PASS
Band4	15MHz	QPSK	20175	1RB#0	20.84	23.65	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.46	25.27	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.31	25.12	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.15	24.96	PASS

Band4	15MHz	QPSK	20175	38RB#18	22.15	24.96	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.12	24.93	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.11	24.92	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.40	25.21	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.37	25.18	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.32	24.13	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.18	24.99	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.10	24.91	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.12	24.93	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.09	24.90	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.42	23.23	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.92	23.73	PASS
Band4	15MHz	16QAM	20025	1RB#74	19.93	22.74	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.40	24.21	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.37	24.18	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.35	24.16	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.44	23.25	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.17	22.98	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.82	24.63	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.66	24.47	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.14	24.95	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.13	24.94	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.12	24.93	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.23	24.04	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.36	24.17	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.35	24.16	PASS
Band4	15MHz	16QAM	20325	1RB#74	20.29	23.10	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.10	24.91	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.11	24.92	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.10	24.91	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.19	24.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.04	23.85	PASS
Band4	20MHz	QPSK	20050	1RB#49	21.64	24.45	PASS
Band4	20MHz	QPSK	20050	1RB#99	20.93	23.74	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.34	24.15	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.37	24.18	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.13	23.94	PASS

Band4	20MHz	QPSK	20050	100RB#0	21.21	24.02	PASS
Band4	20MHz	QPSK	20175	1RB#0	20.38	23.19	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.52	25.33	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.03	24.84	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.49	24.30	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.49	24.30	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.51	25.32	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.99	24.80	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.91	24.72	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.53	25.34	PASS
Band4	20MHz	QPSK	20300	1RB#99	20.90	23.71	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.59	25.40	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.58	25.39	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.77	24.58	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.19	25.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.10	22.91	PASS
Band4	20MHz	16QAM	20050	1RB#49	20.70	23.51	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.00	22.81	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.41	23.22	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.40	23.21	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.23	23.04	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.31	23.12	PASS
Band4	20MHz	16QAM	20175	1RB#0	19.73	22.54	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.78	24.59	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.32	24.13	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.60	23.41	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.58	23.39	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.63	24.44	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.12	23.93	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.04	23.85	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.72	24.53	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.10	22.91	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.73	24.54	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.72	24.53	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.92	23.73	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.30	24.11	PASS

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

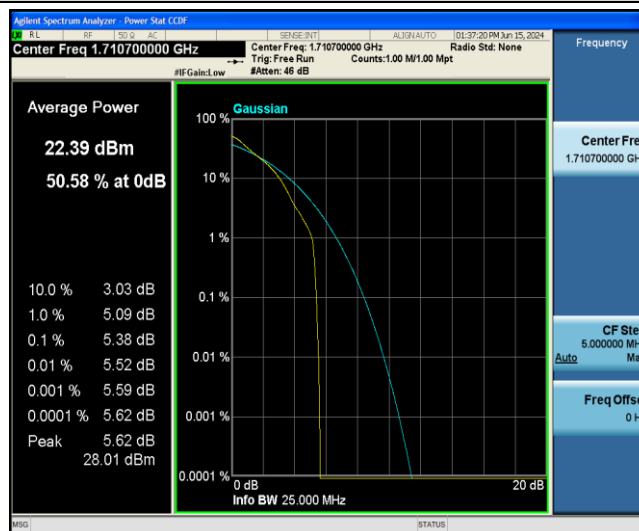
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	5.38	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.28	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	5.28	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.31	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	5.40	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	6.04	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.86	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.57	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	6.47	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.11	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	6.08	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.29	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	5.39	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.77	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.74	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.38	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.88	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.58	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	6.42	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.47	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.64	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.21	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	6.30	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.34	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.28	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.48	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.81	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.38	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	5.42	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.56	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	6.45	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.42	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	6.02	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.17	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.66	13	PASS

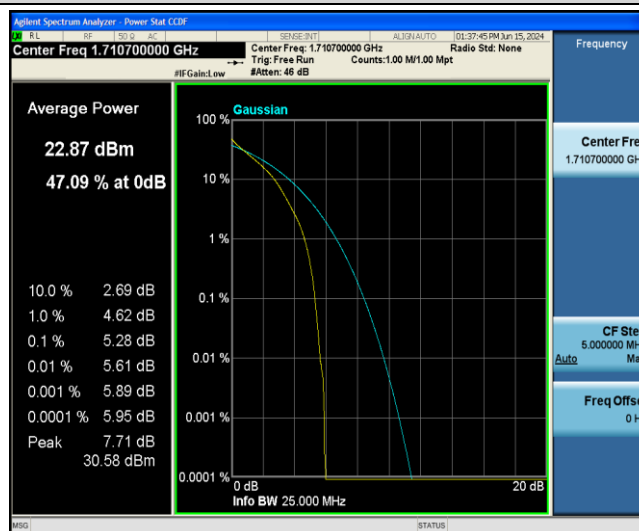
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Band4	10MHz	QPSK	20175	1RB#0	5.84	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.33	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.15	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.68	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	6.37	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.47	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	6.40	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.13	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	6.82	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.48	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	6.19	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	6.13	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	6.09	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.63	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.64	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.61	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	6.46	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.53	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	6.31	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.31	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.71	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.16	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.71	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	6.07	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	6.29	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.18	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.65	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.33	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	6.05	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.61	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	6.80	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.28	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	8.02	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.09	13	PASS

Test Graphs

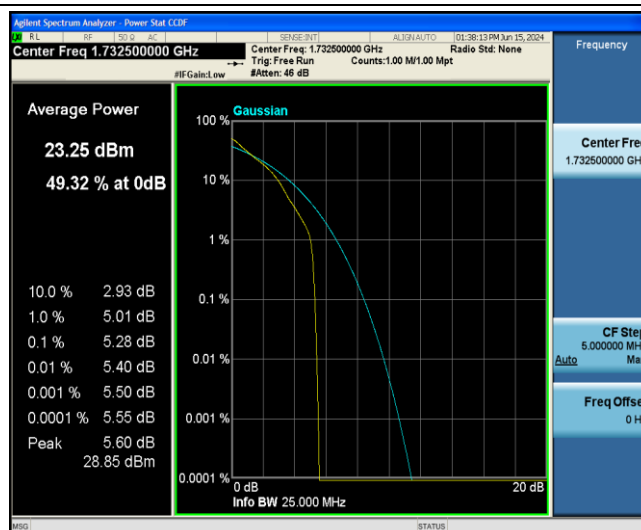
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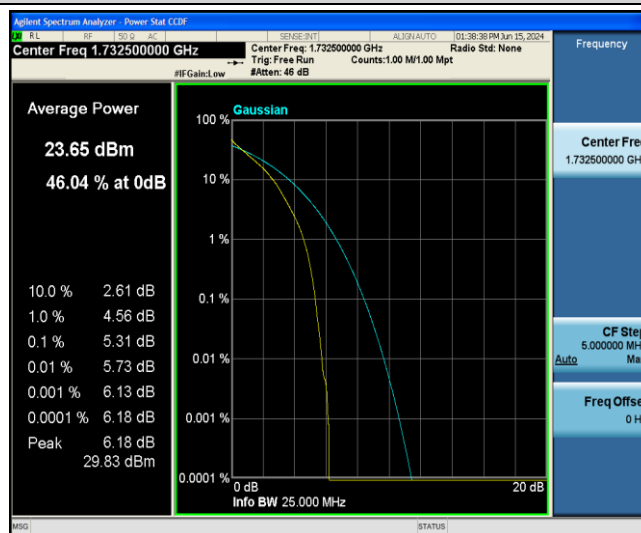
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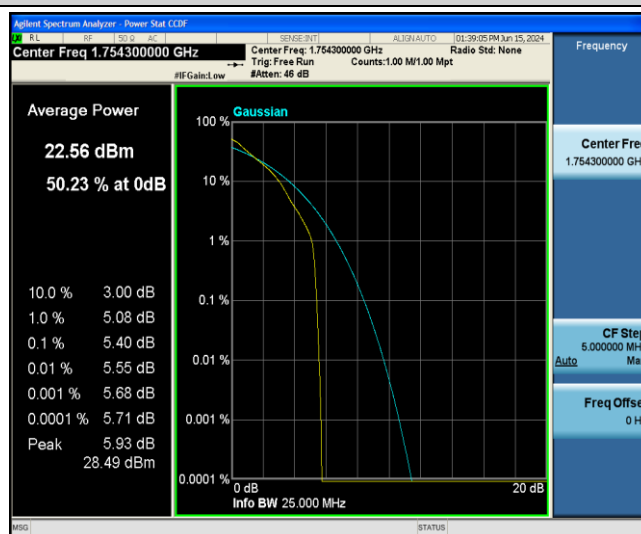
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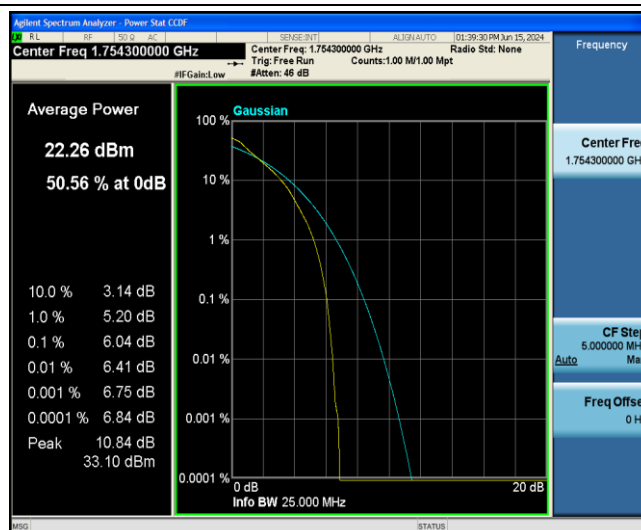
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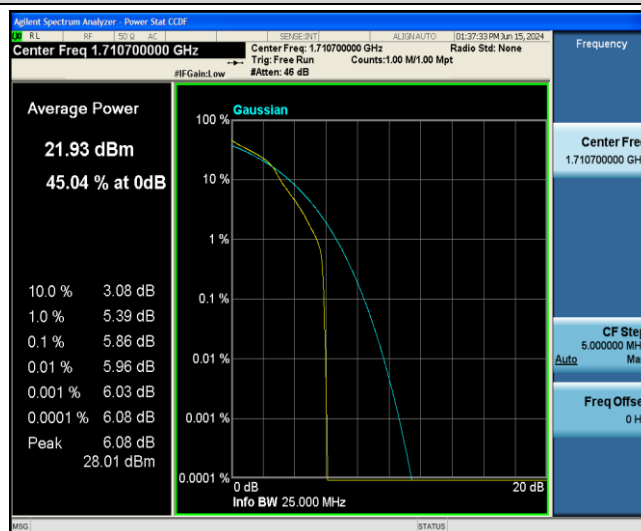
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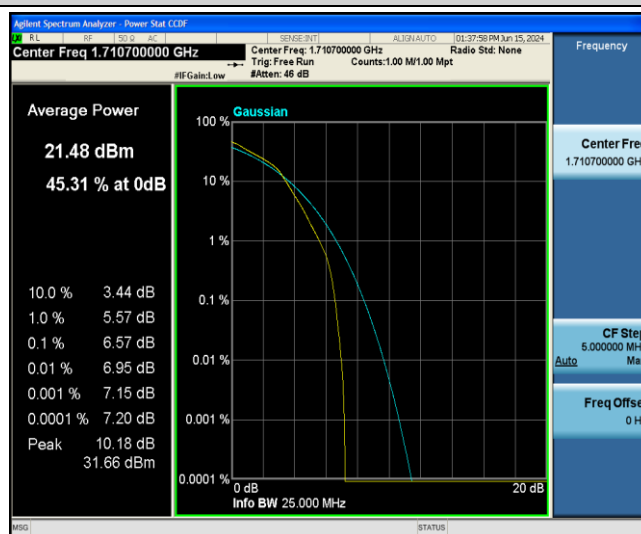
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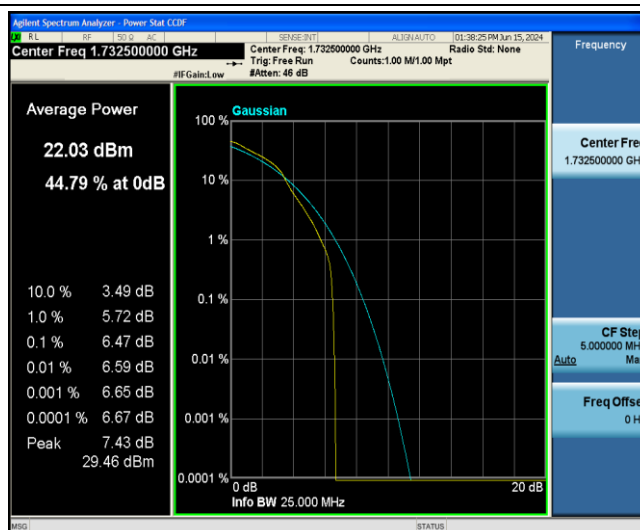
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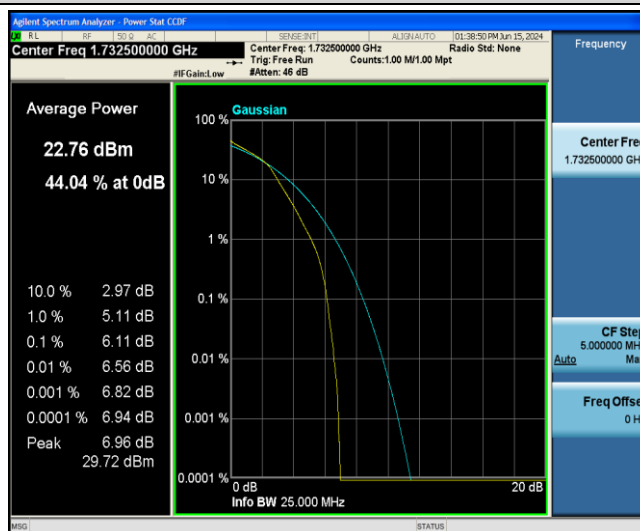
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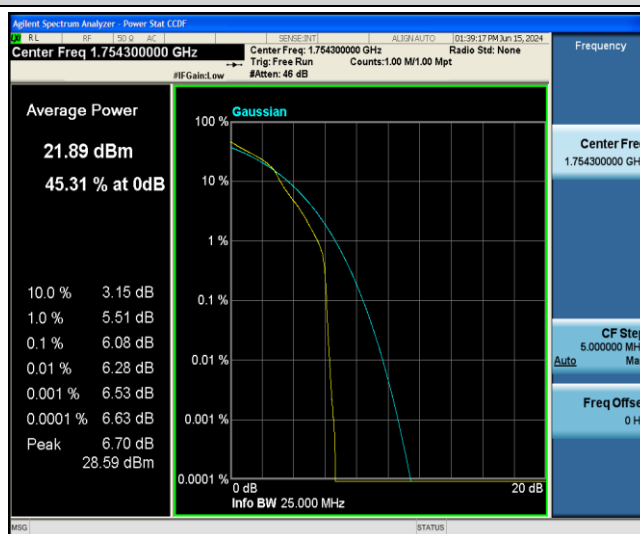
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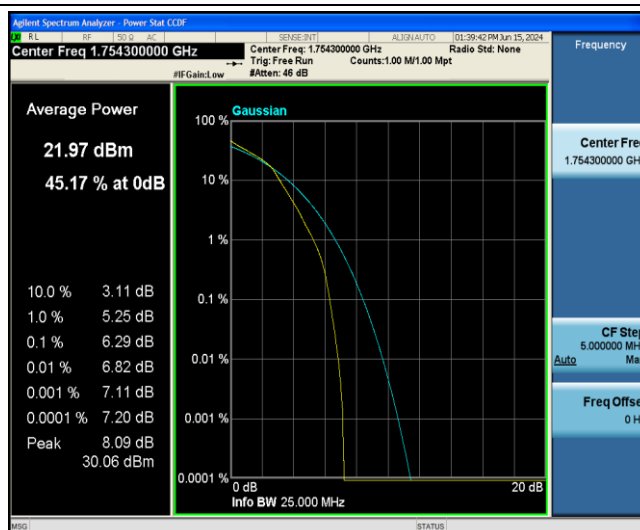
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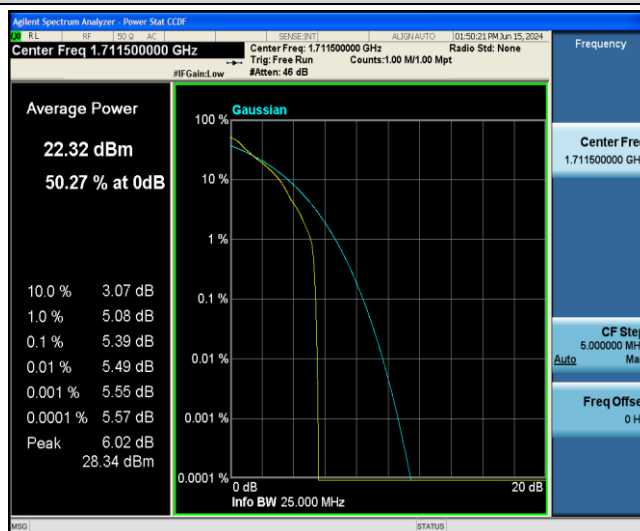
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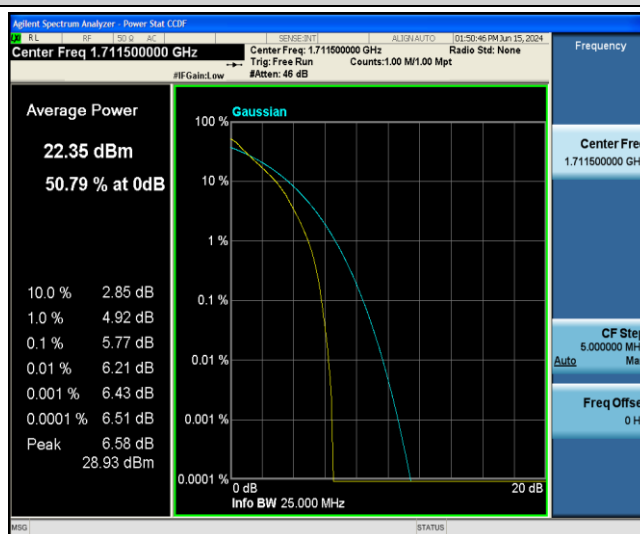
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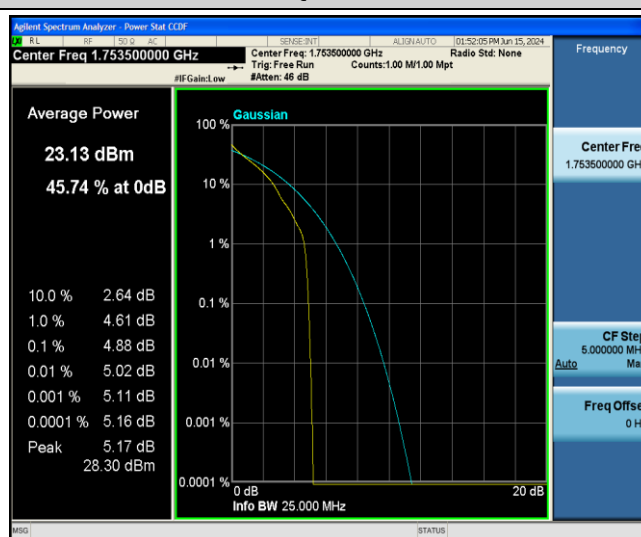
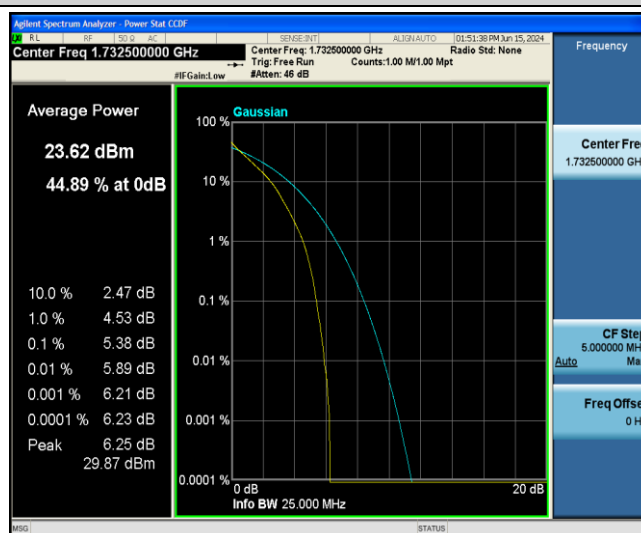
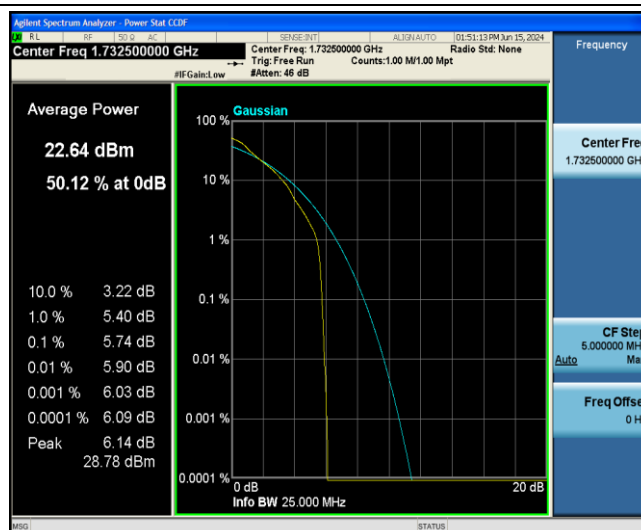
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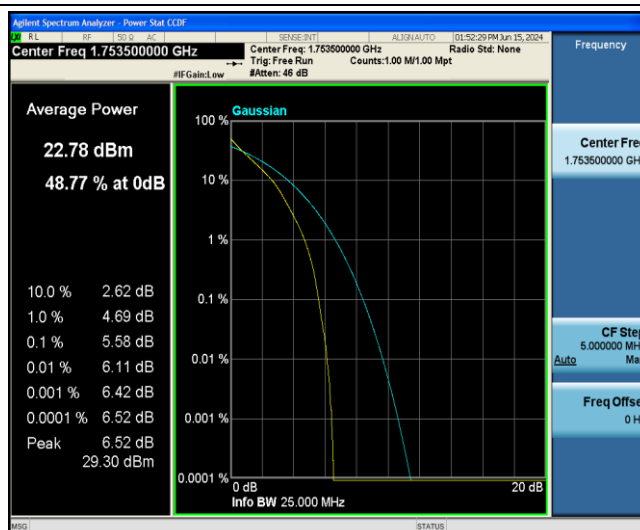


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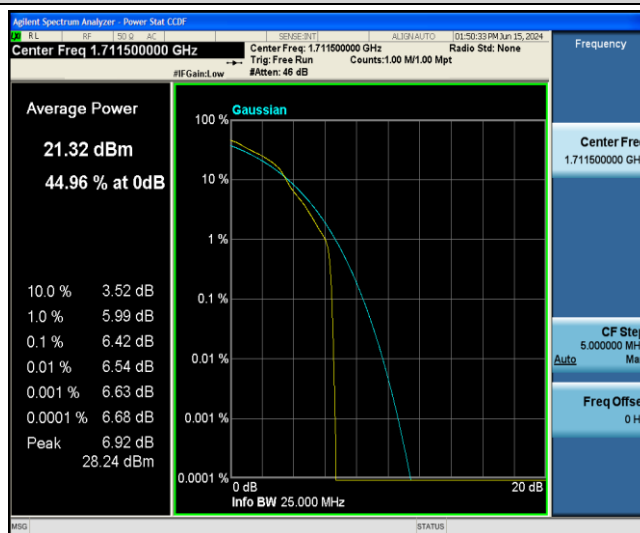


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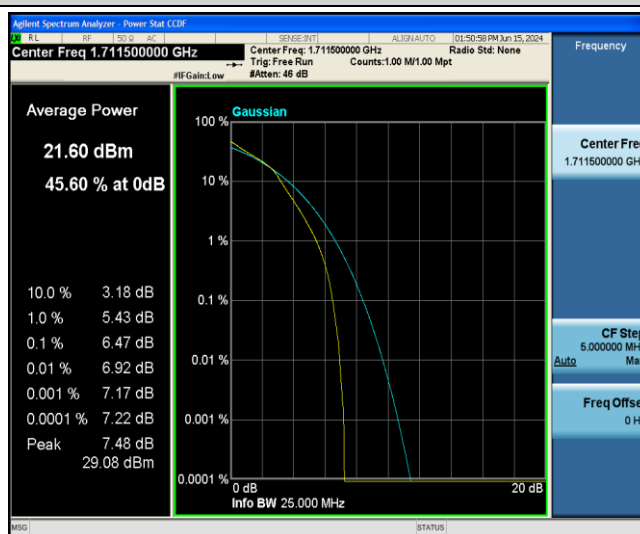




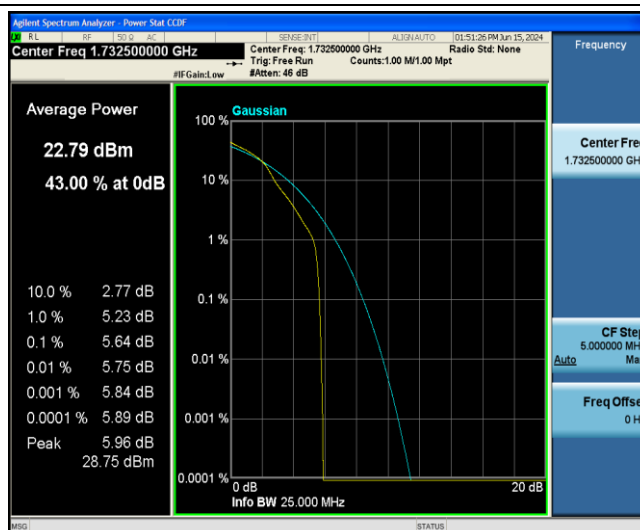
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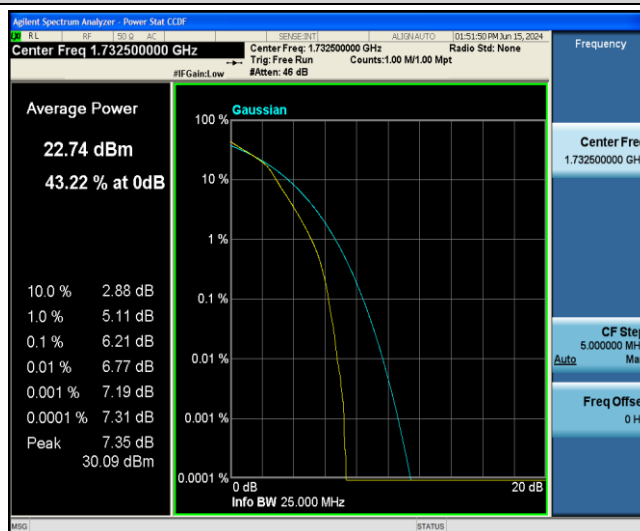
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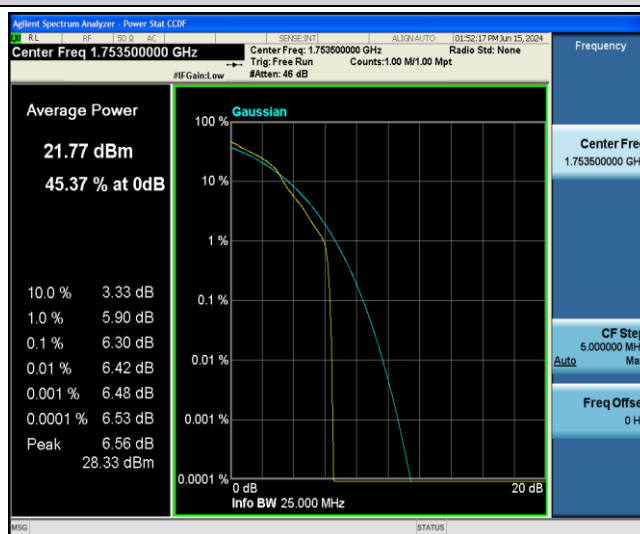
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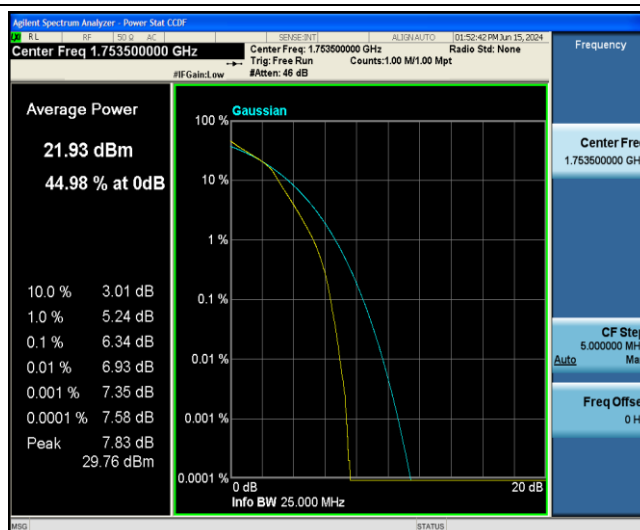
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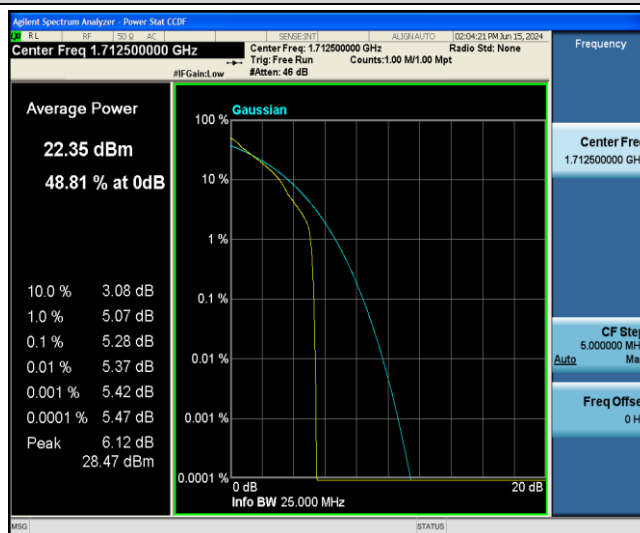
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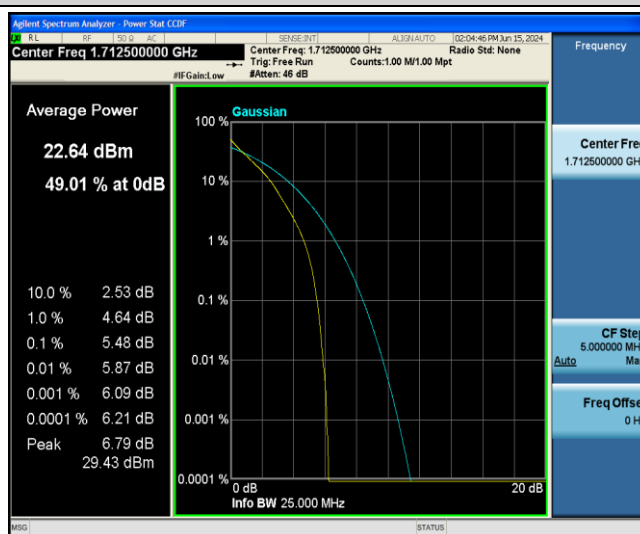
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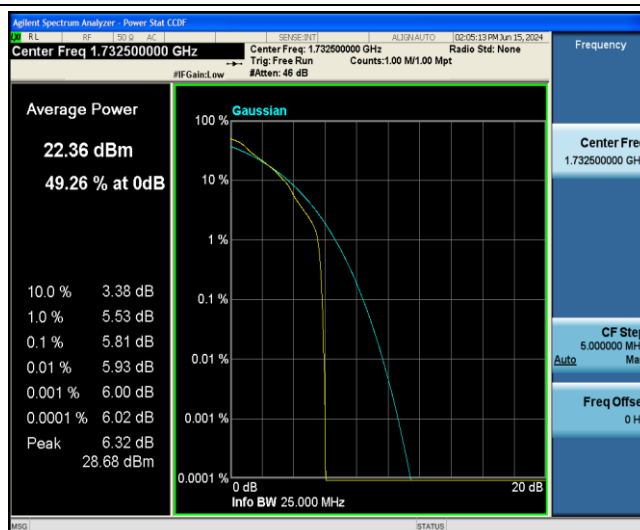
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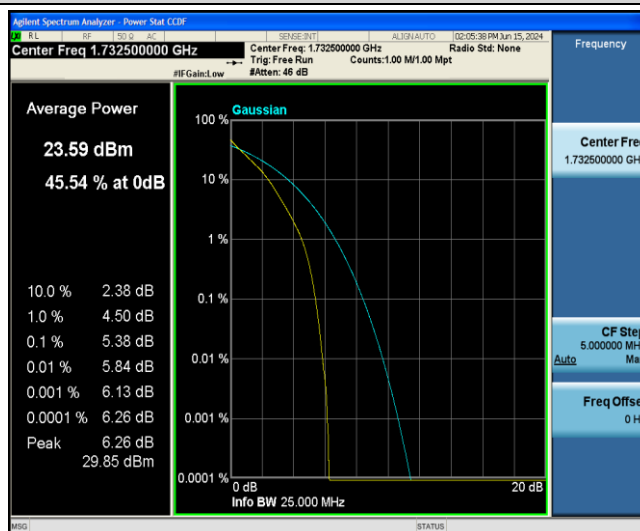
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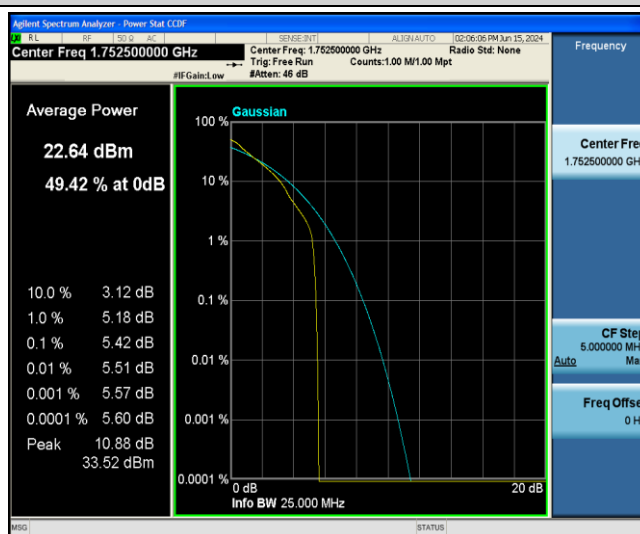
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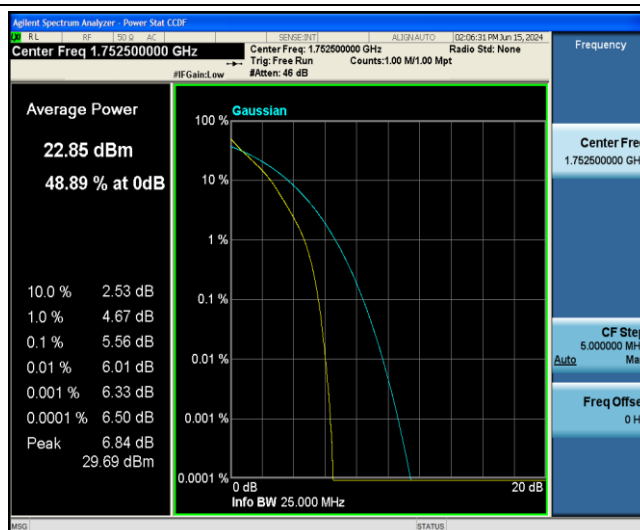
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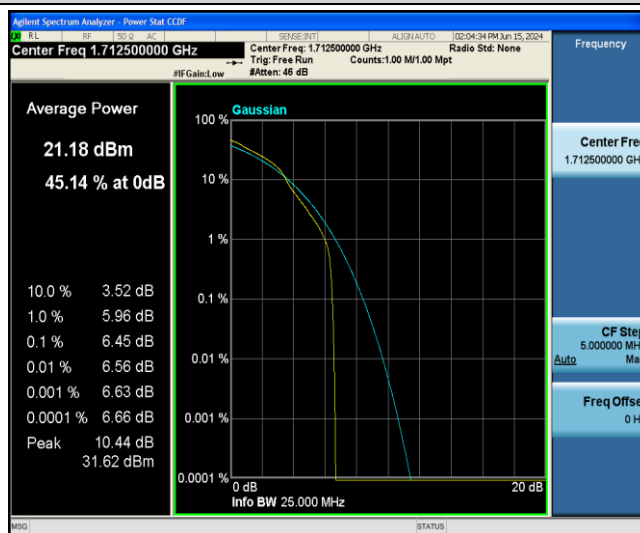
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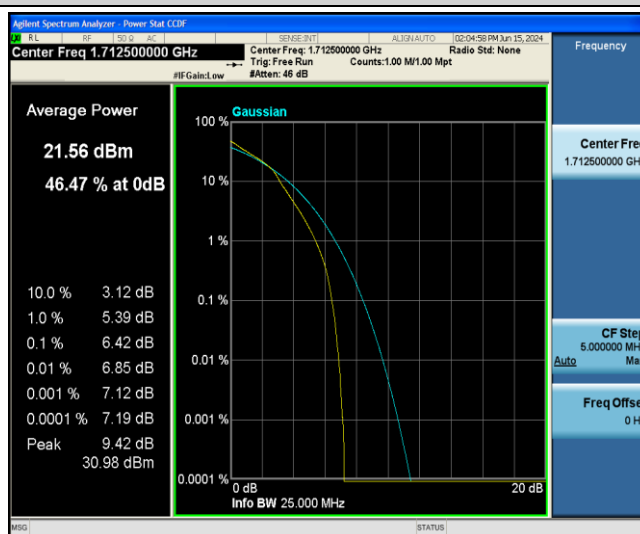
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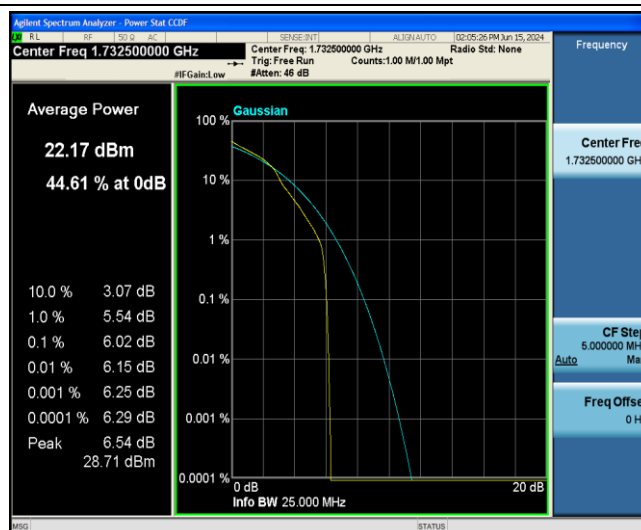
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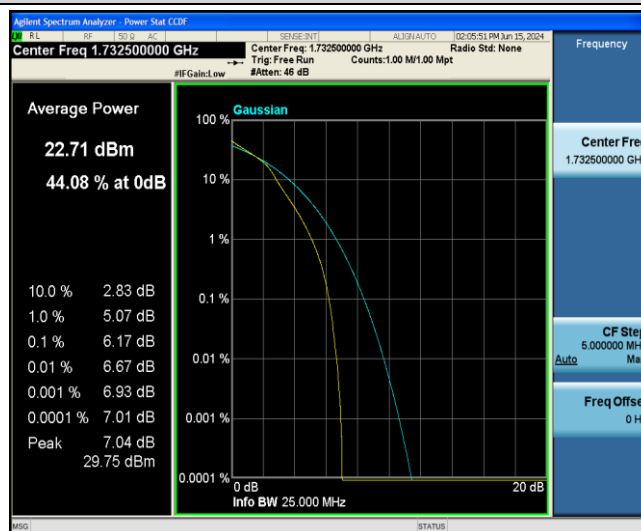
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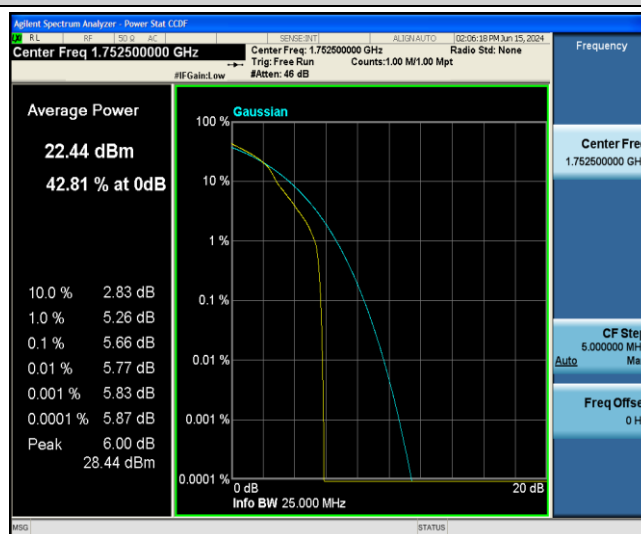
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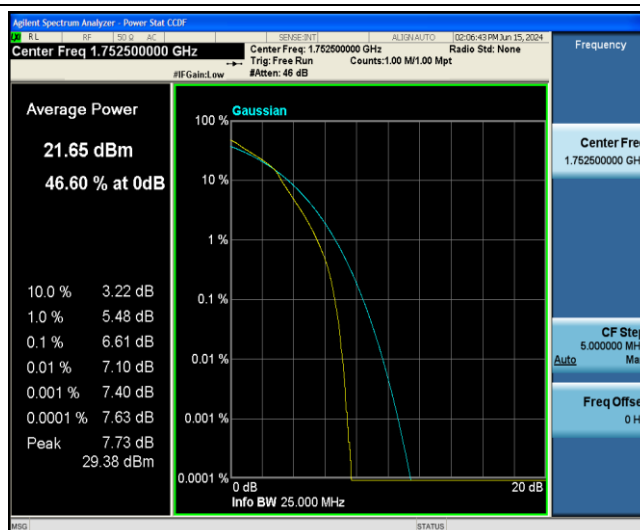
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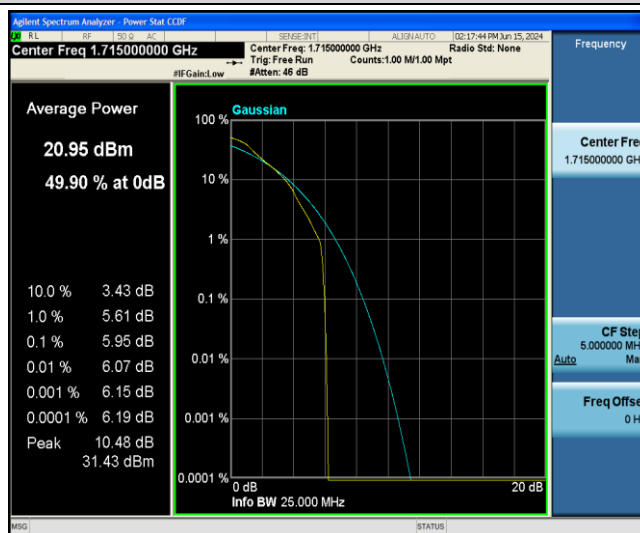
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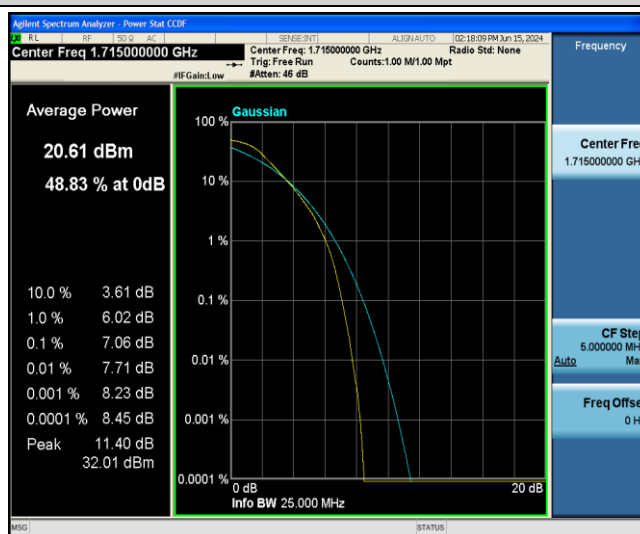
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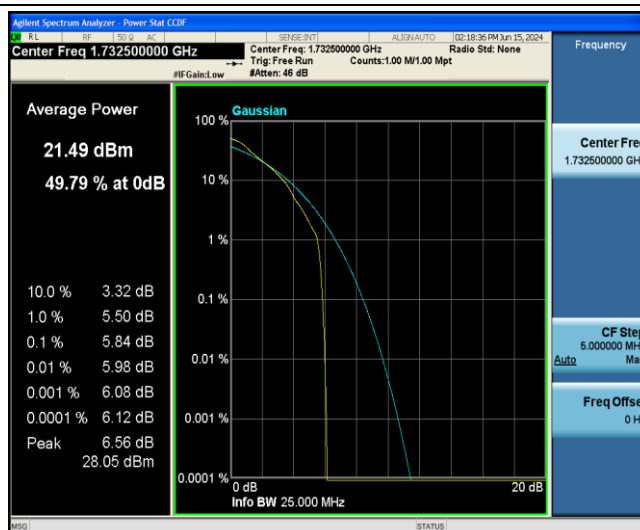
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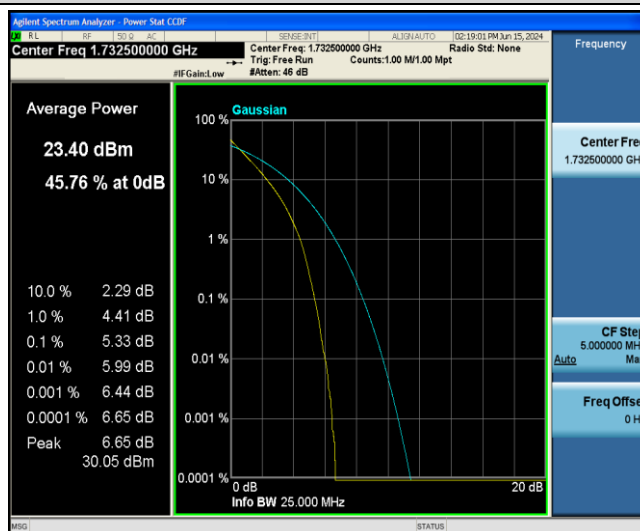
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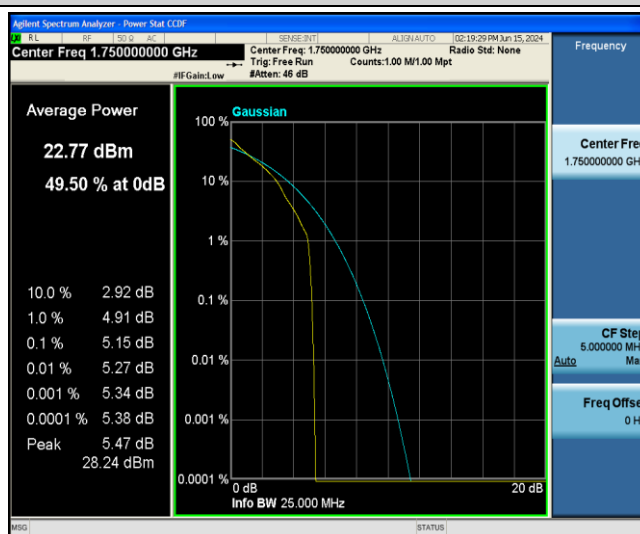
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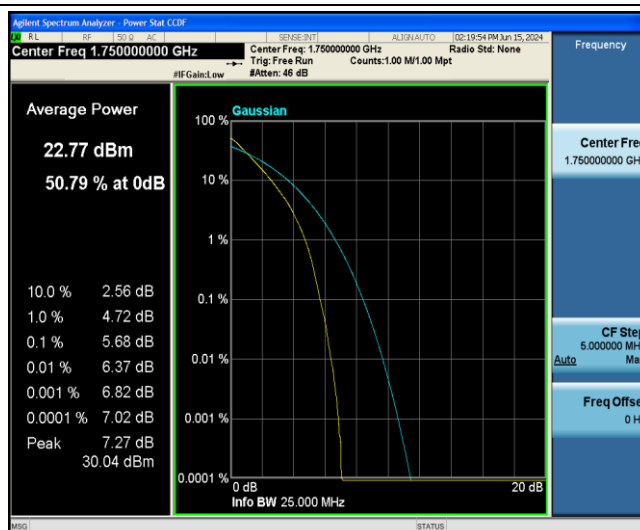
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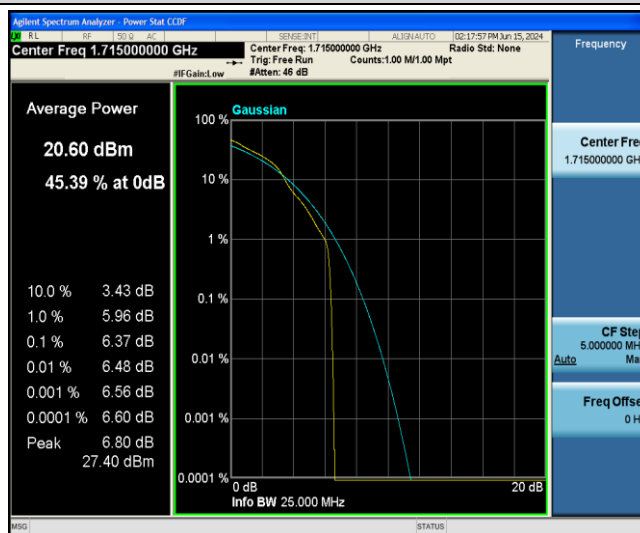
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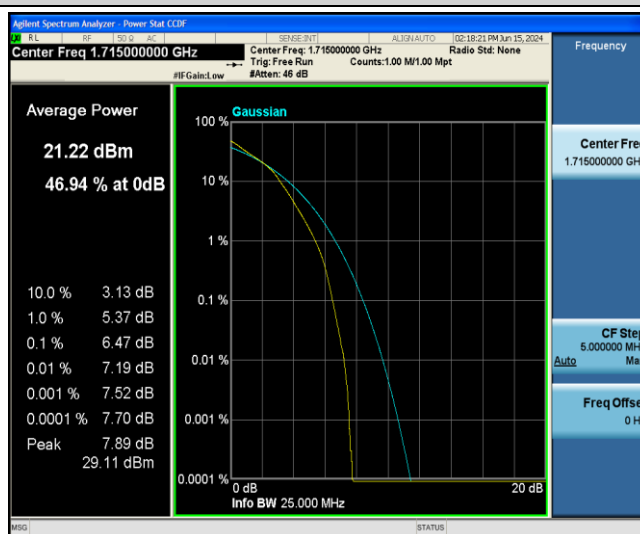
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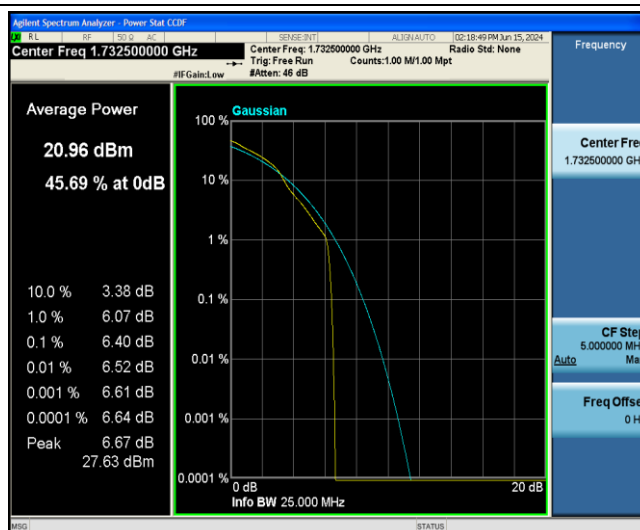
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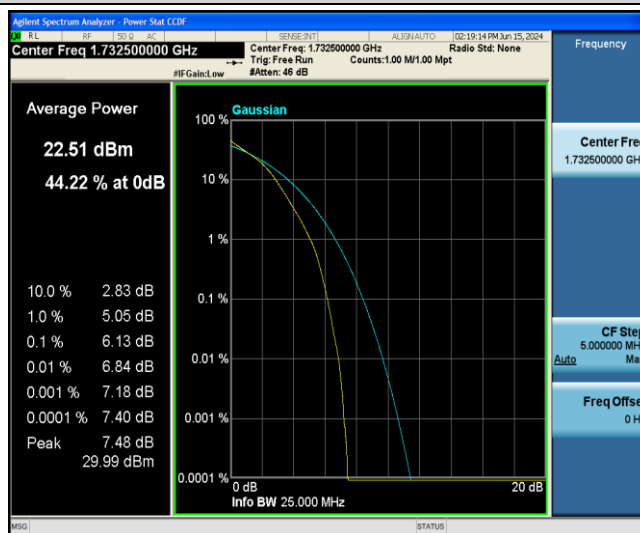
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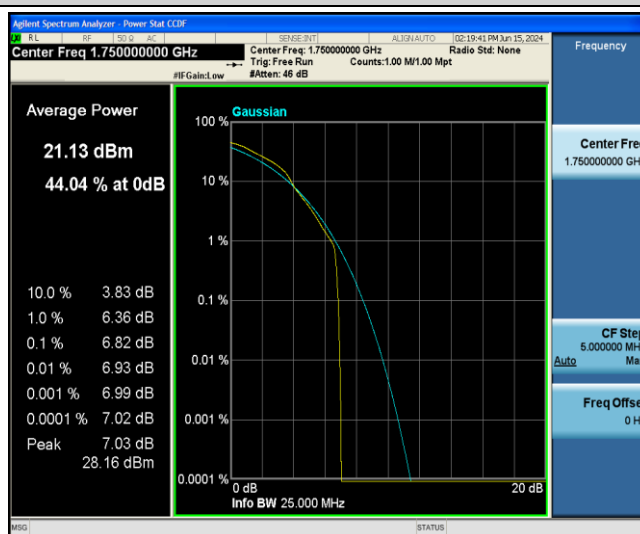
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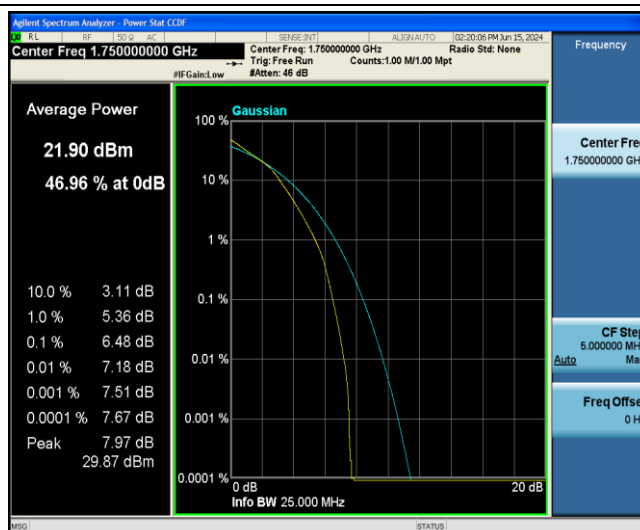
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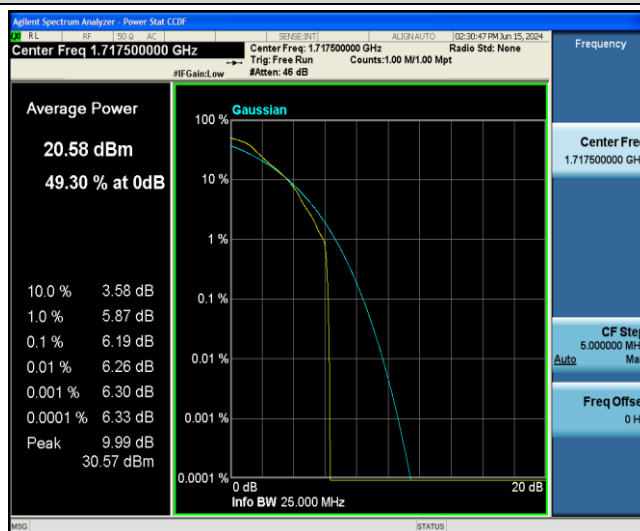
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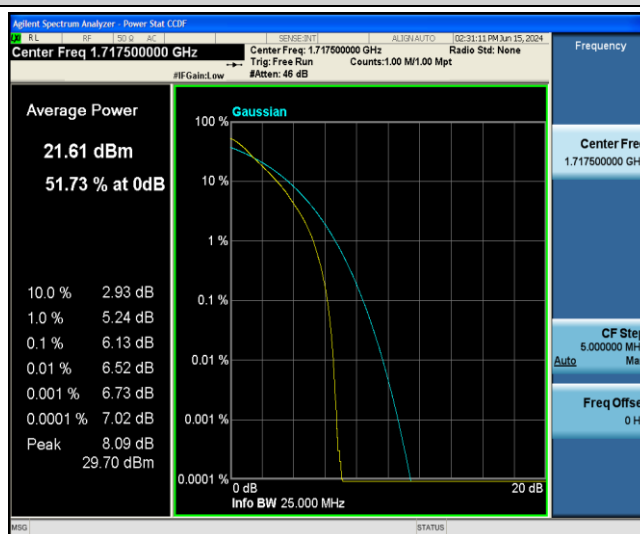
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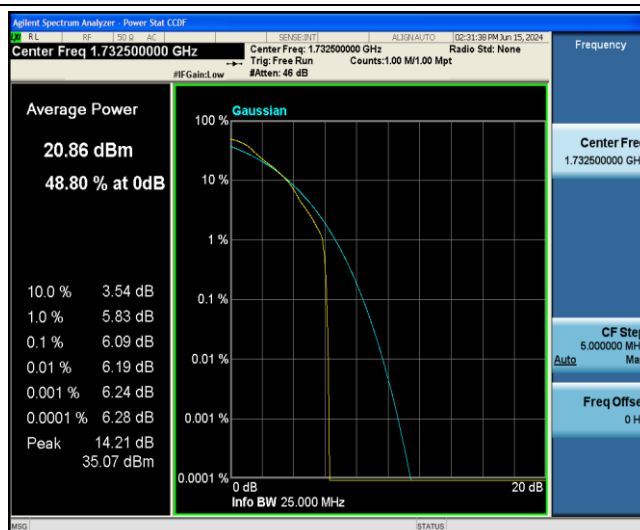
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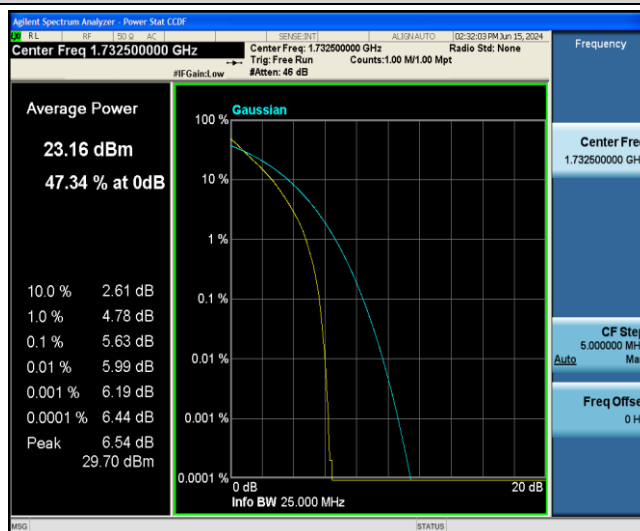
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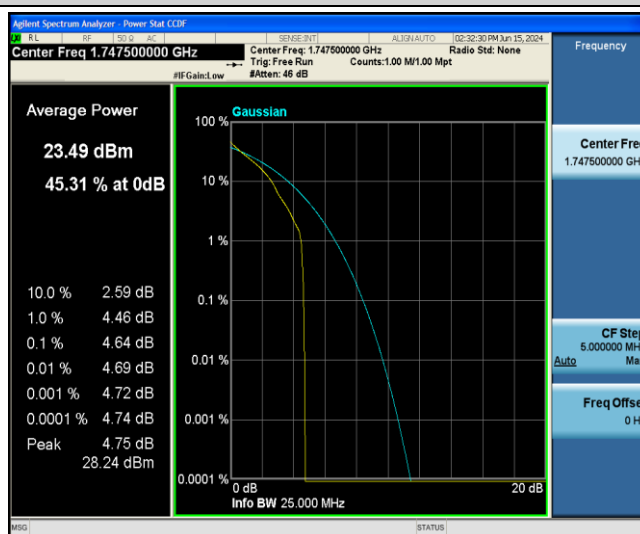
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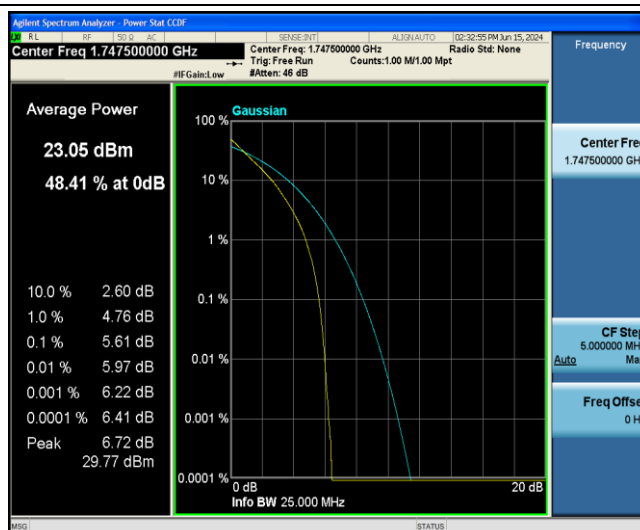
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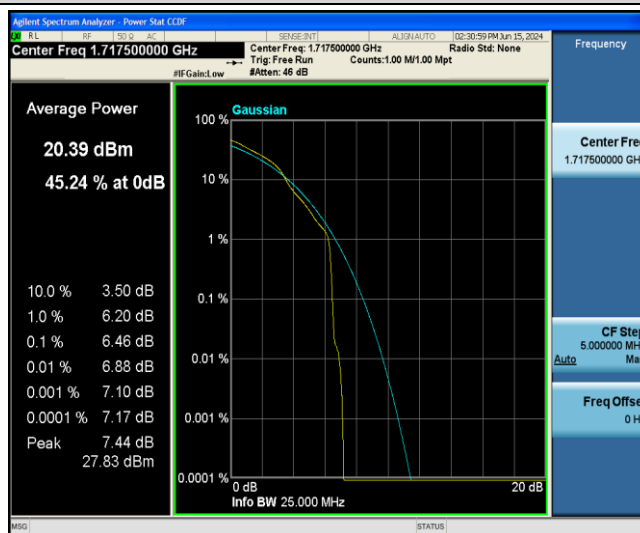
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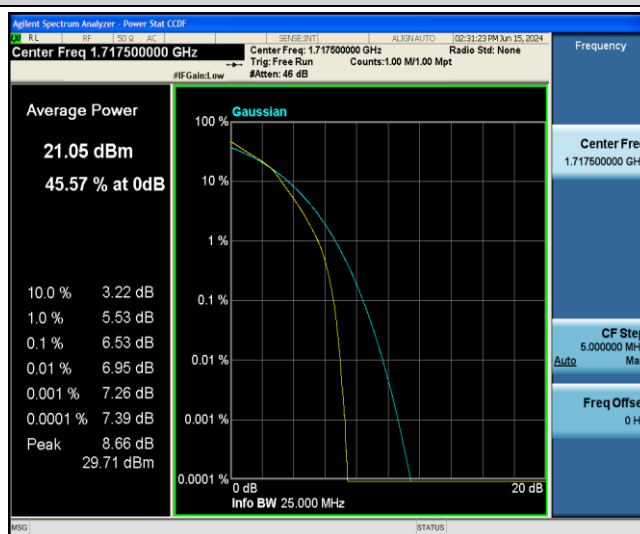
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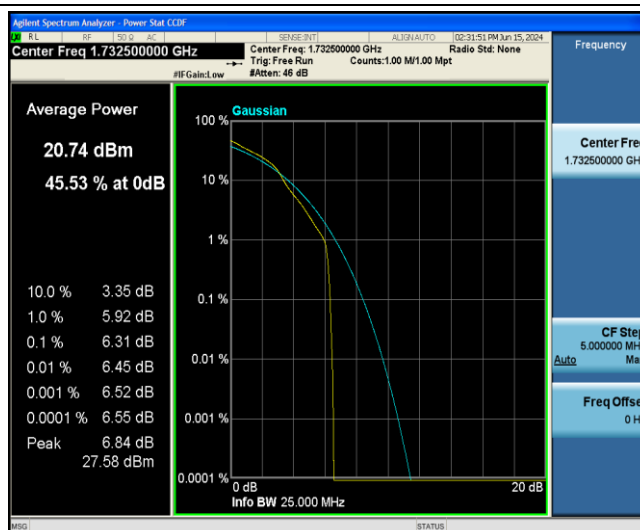
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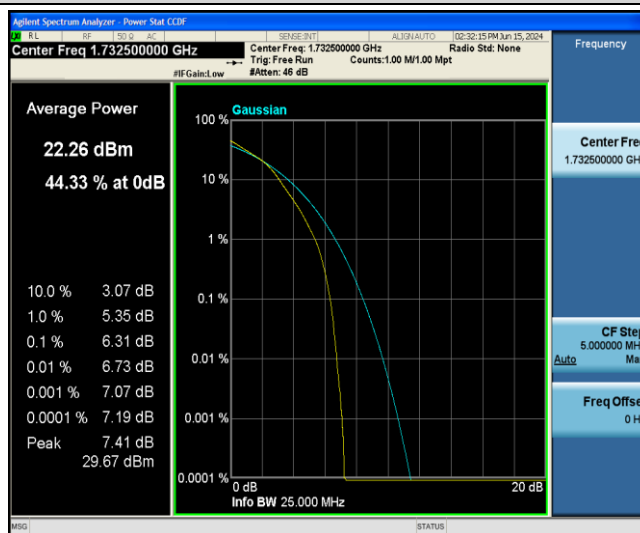
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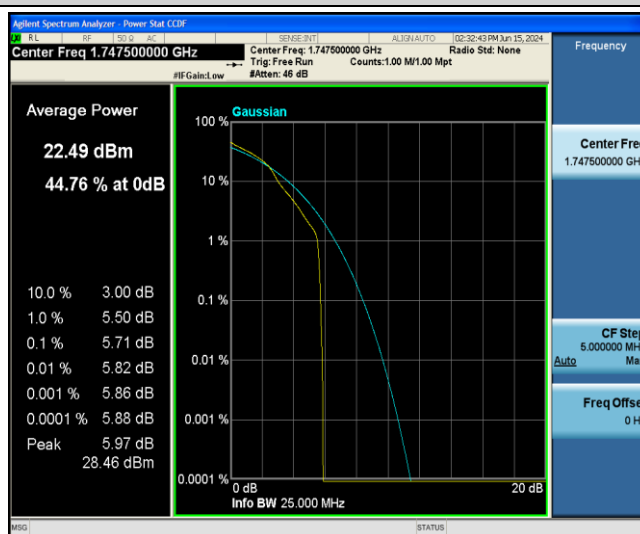
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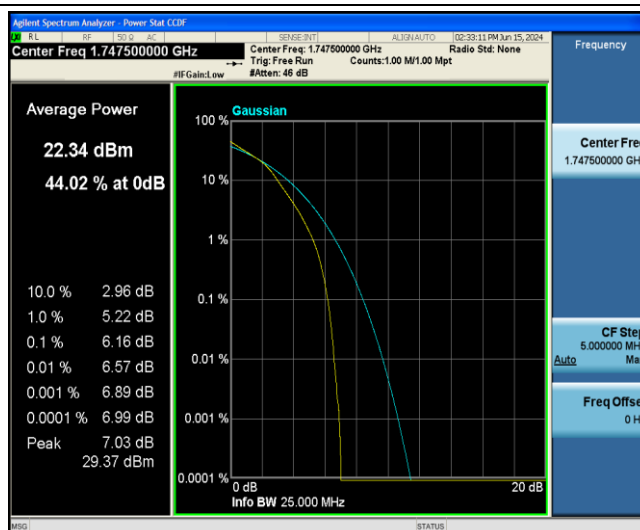
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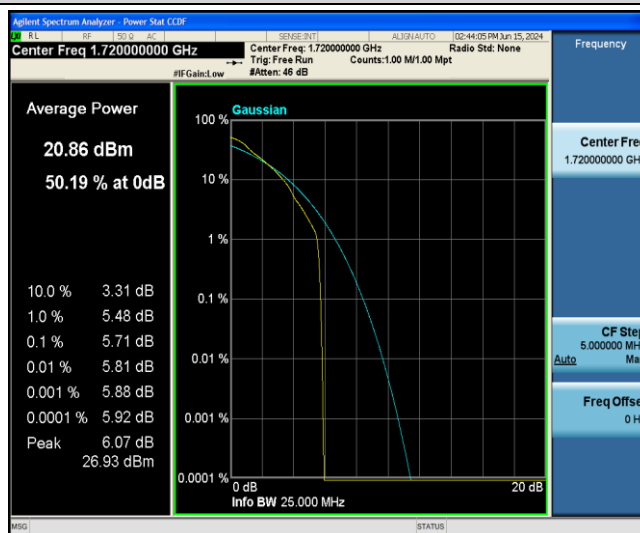
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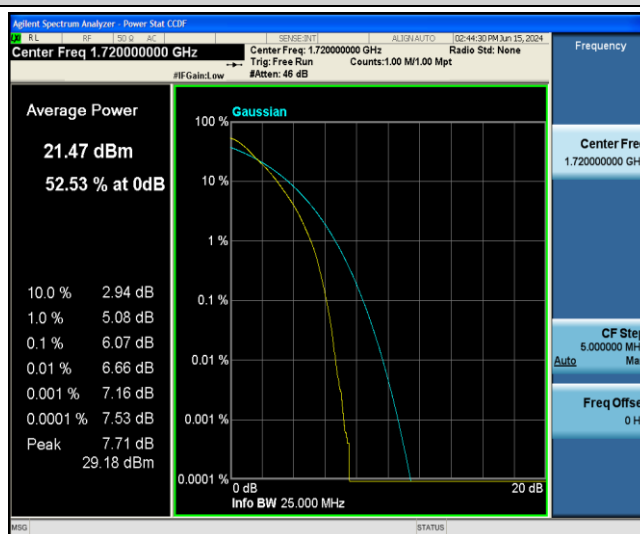
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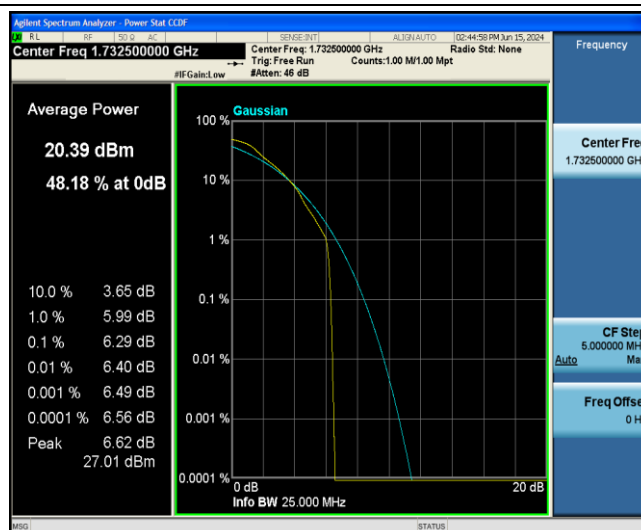
Band4-20MHz-QPSK-20050-1RB#0



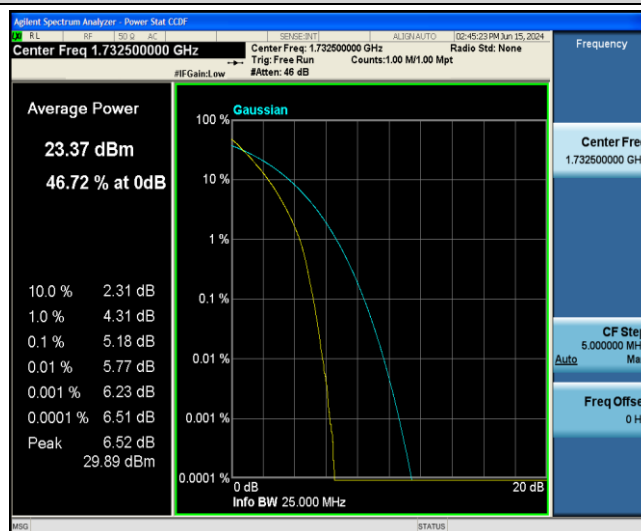
Band4-20MHz-QPSK-20050-100RB#0



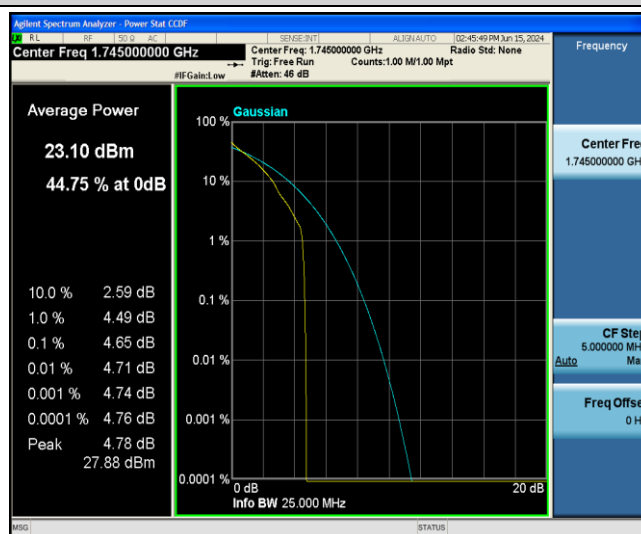
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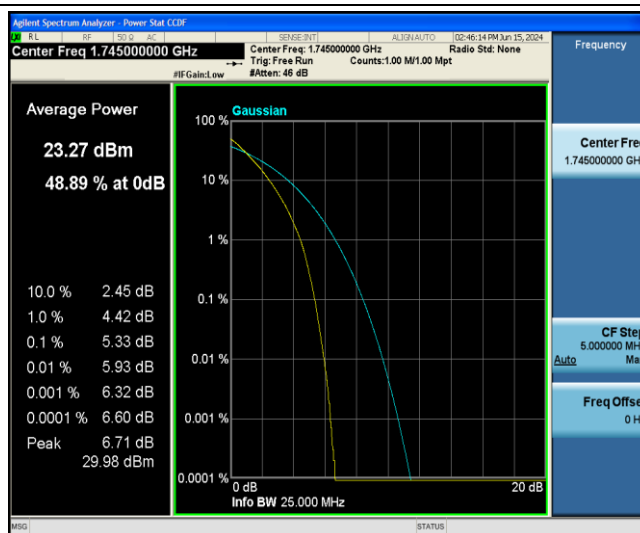
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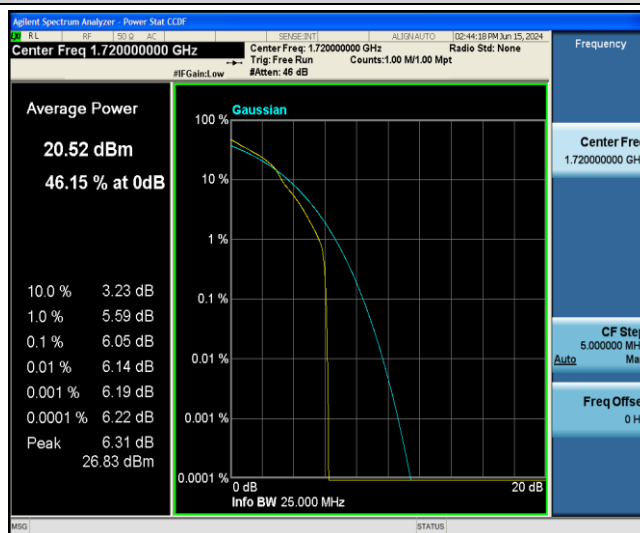
Band4-20MHz-QPSK-20300-1RB#0



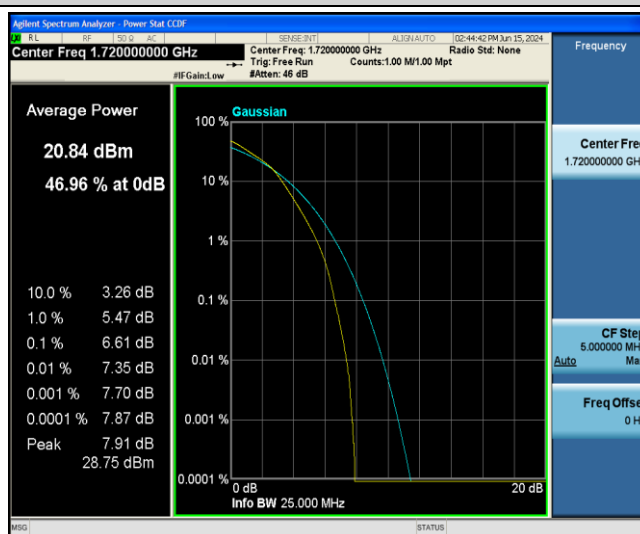
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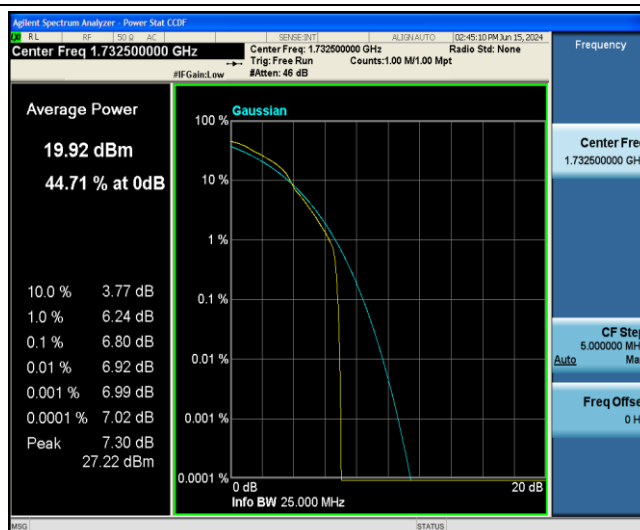
Band4-20MHz-16QAM-20050-1RB#0



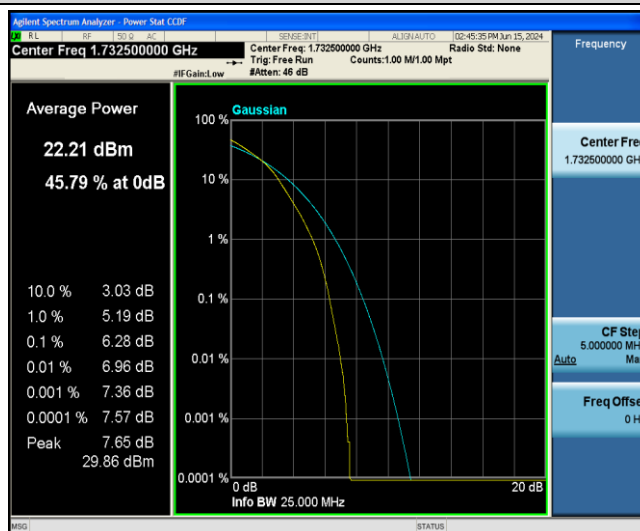
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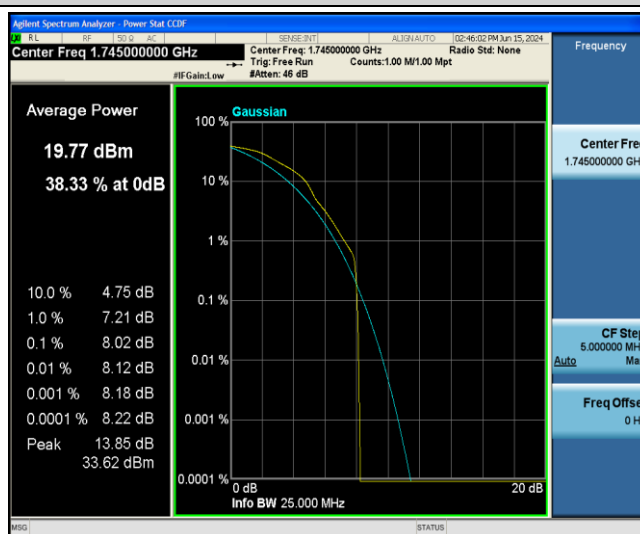
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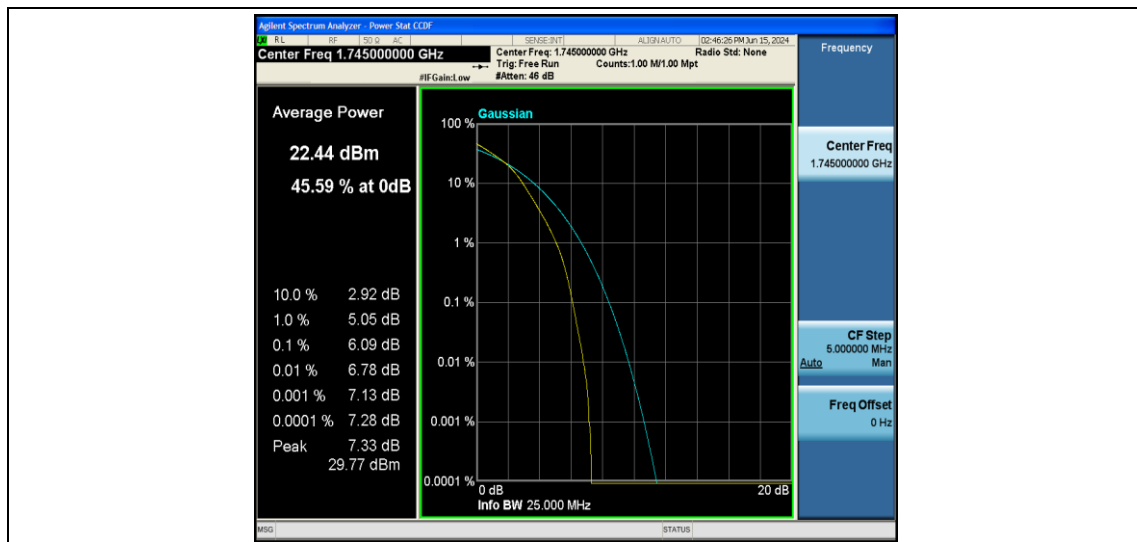
Band4-20MHz-16QAM-20175-100RB#0



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



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



Appendix C: 26dB Bandwidth and Occupied Bandwidth

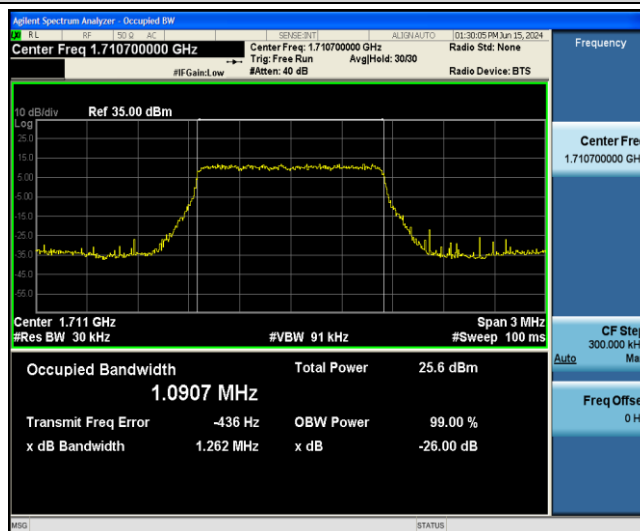
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0907	1.262	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0911	1.254	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0892	1.253	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0918	1.270	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0910	1.272	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0879	1.267	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6941	2.886	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6936	2.912	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6943	2.904	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6958	2.899	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6918	2.927	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6897	2.941	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5013	4.881	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5027	4.903	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5046	4.921	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5007	4.887	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5000	4.879	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5058	4.882	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9618	9.552	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9719	9.552	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9665	9.567	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9511	9.529	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9517	9.548	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9533	9.537	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.453	14.30	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.443	14.27	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.441	14.24	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.438	14.26	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.430	14.23	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.436	14.26	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.904	18.95	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.883	18.92	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.856	18.94	PASS

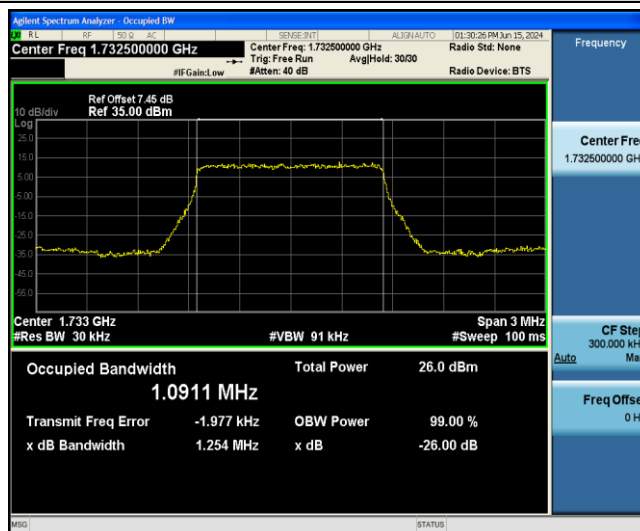
Band4	20MHz	16QAM	20050	100RB#0	17.902	18.93	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.873	18.91	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.858	18.94	PASS

Test Graphs

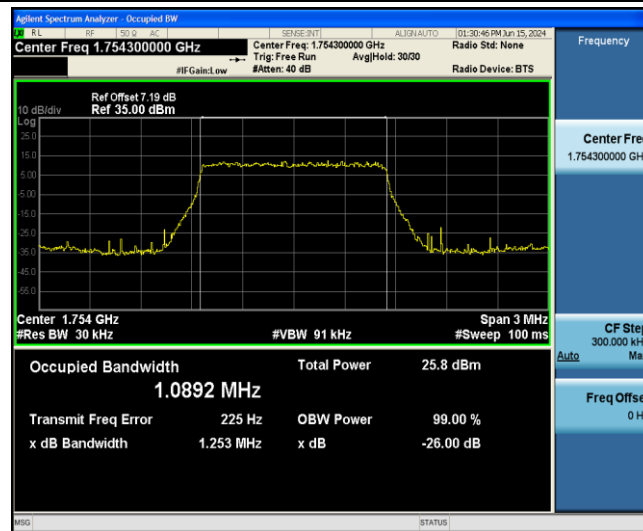
Band4-1.4MHz-QPSK-19957-6RB#0



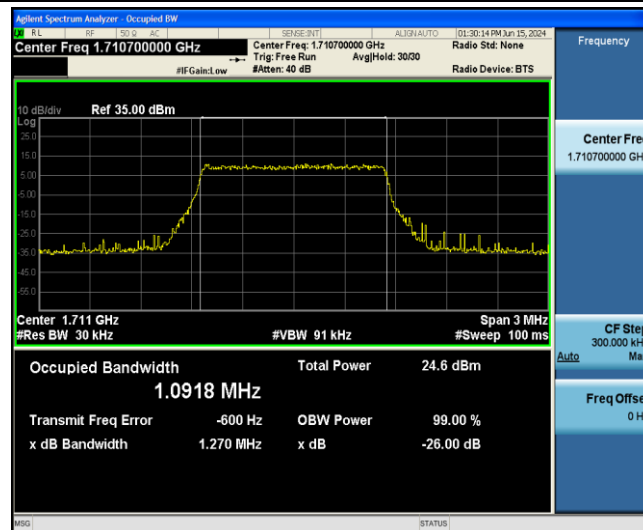
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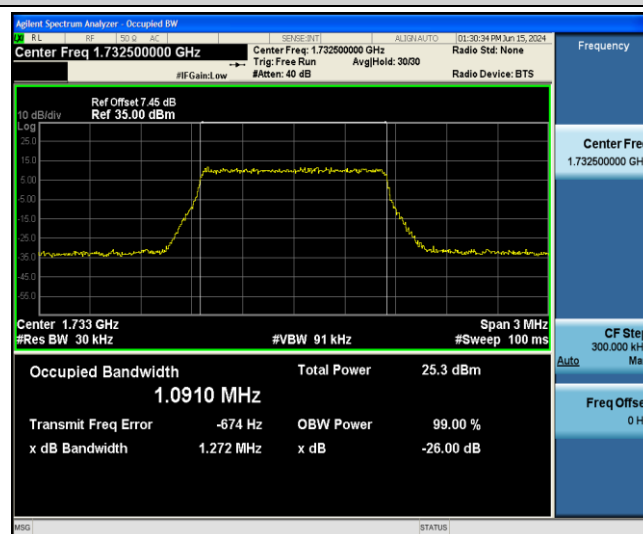
Band4-1.4MHz-QPSK-20393-6RB#0



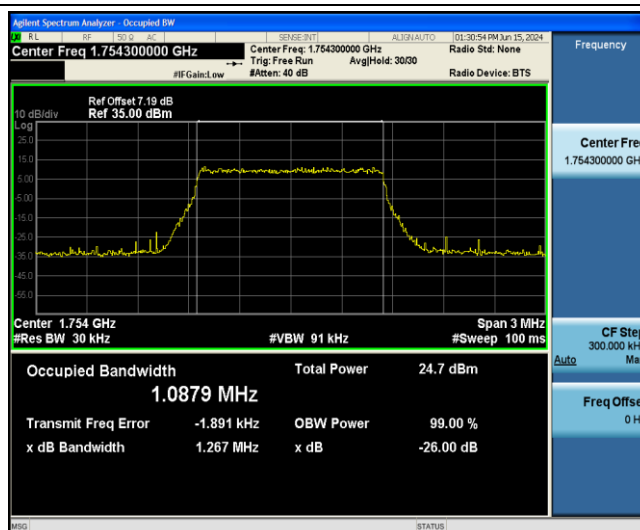
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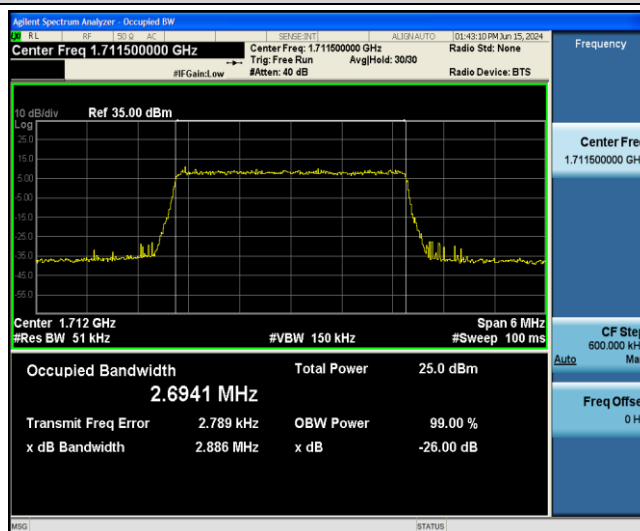
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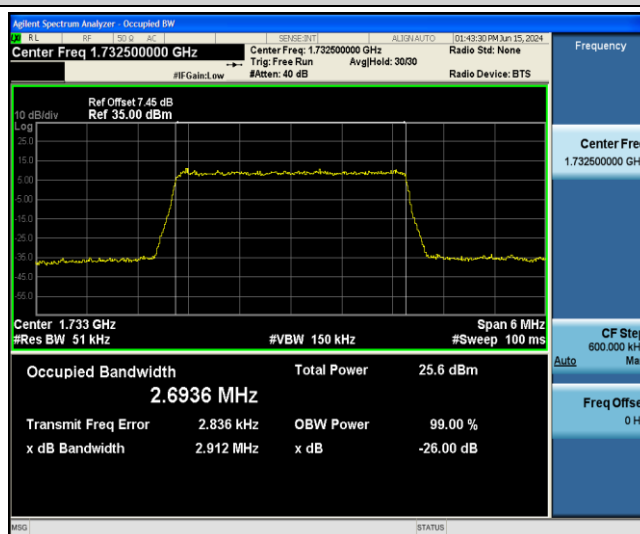
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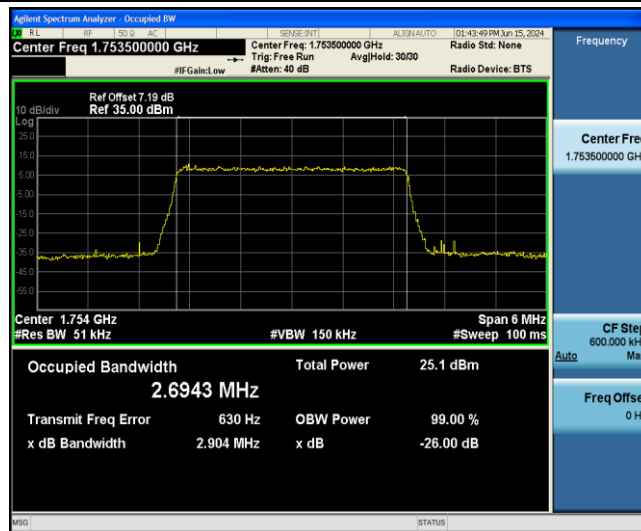
Band4-3MHz-QPSK-19965-15RB#0



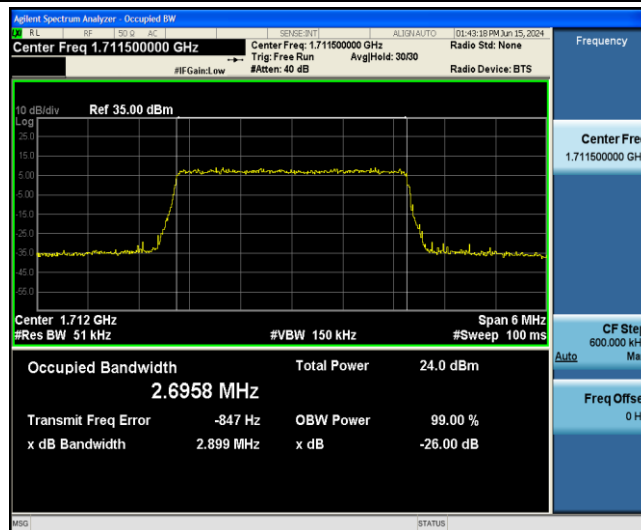
Band4-3MHz-QPSK-20175-15RB#0



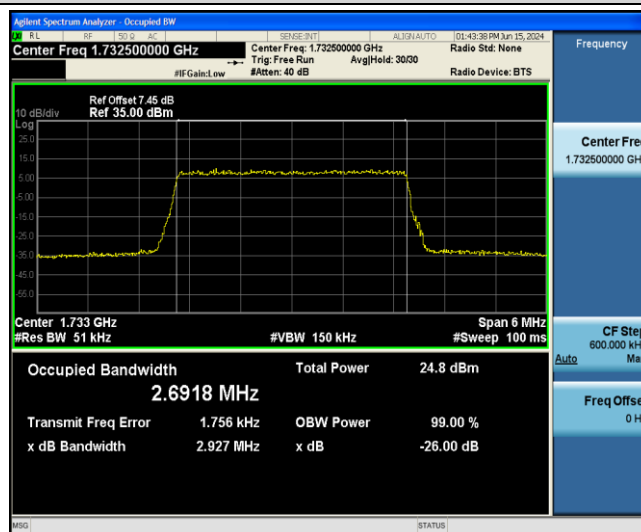
Band4-3MHz-QPSK-20385-15RB#0



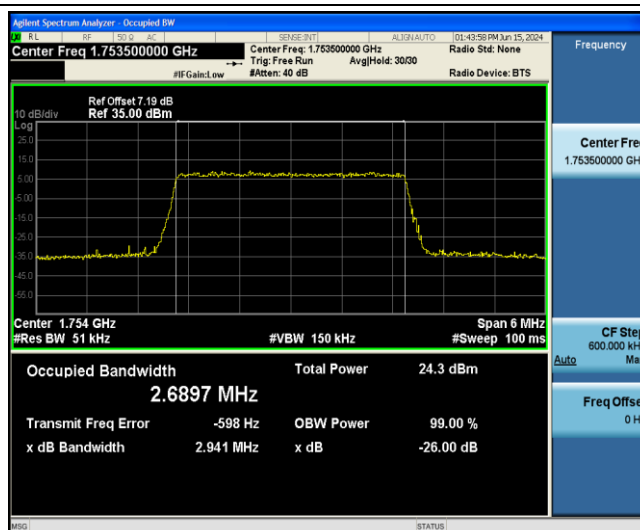
Band4-3MHz-16QAM-19965-15RB#0



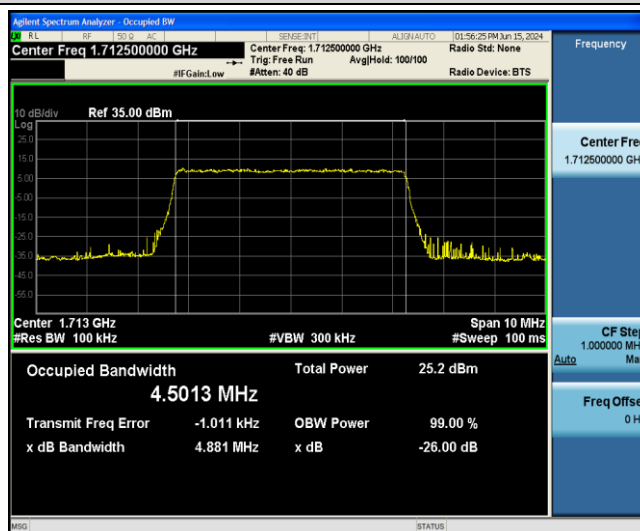
Band4-3MHz-16QAM-20175-15RB#0



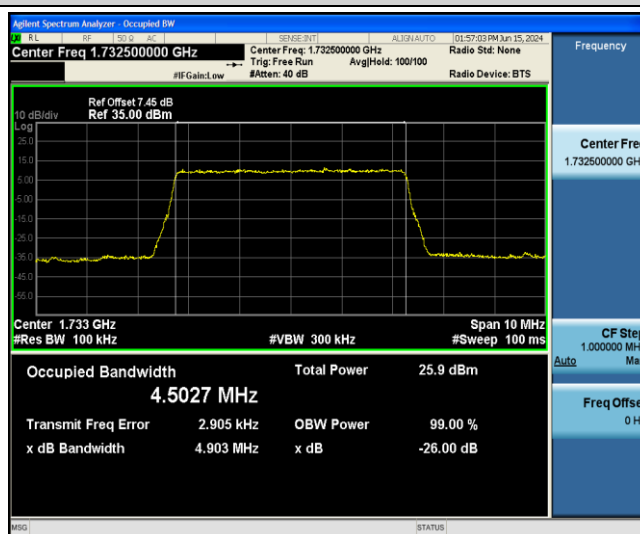
Band4-3MHz-16QAM-20385-15RB#0



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



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



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