

Appendix_H

RF Test Data for LTE_Band4 Conducted Measurement

FCC ID: 2A7DX-A200PRO

Product Name: Smart phone

Test Model: A200 Pro

Environmental Conditions

Temperature:	21℃
Relative Humidity:	51%
ATM Pressure:	101Kpa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	E.I.R.P. (dBm)	Verdict
Band 4	1.4MHz	QPSK	19957	1RB#0	22.85	24.43	PASS
Band 4	1.4MHz	QPSK	19957	1RB#2	22.79	24.37	PASS
Band 4	1.4MHz	QPSK	19957	1RB#5	22.74	24.32	PASS
Band 4	1.4MHz	QPSK	19957	3RB#0	22.87	24.45	PASS
Band 4	1.4MHz	QPSK	19957	3RB#1	22.99	24.57	PASS
Band 4	1.4MHz	QPSK	19957	3RB#3	22.87	24.45	PASS
Band 4	1.4MHz	QPSK	19957	6RB#0	20.79	22.37	PASS
Band 4	1.4MHz	QPSK	20175	1RB#0	22.29	23.87	PASS
Band 4	1.4MHz	QPSK	20175	1RB#2	22.33	23.91	PASS
Band 4	1.4MHz	QPSK	20175	1RB#5	22.37	23.95	PASS
Band 4	1.4MHz	QPSK	20175	3RB#0	22.39	23.97	PASS
Band 4	1.4MHz	QPSK	20175	3RB#1	22.28	23.86	PASS
Band 4	1.4MHz	QPSK	20175	3RB#3	22.36	23.94	PASS
Band 4	1.4MHz	QPSK	20175	6RB#0	20.34	21.92	PASS
Band 4	1.4MHz	QPSK	20393	1RB#0	22.59	24.17	PASS
Band 4	1.4MHz	QPSK	20393	1RB#2	22.52	24.1	PASS
Band 4	1.4MHz	QPSK	20393	1RB#5	22.52	24.1	PASS
Band 4	1.4MHz	QPSK	20393	3RB#0	22.53	24.11	PASS

Band 4	1.4MHz	QPSK	20393	3RB#1	22.54	24.12	PASS
Band 4	1.4MHz	QPSK	20393	3RB#3	22.39	23.97	PASS
Band 4	1.4MHz	QPSK	20393	6RB#0	20.40	21.98	PASS
Band 4	1.4MHz	16QAM	19957	1RB#0	22.73	24.31	PASS
Band 4	1.4MHz	16QAM	19957	1RB#2	22.72	24.3	PASS
Band 4	1.4MHz	16QAM	19957	1RB#5	22.67	24.25	PASS
Band 4	1.4MHz	16QAM	19957	3RB#0	21.56	23.14	PASS
Band 4	1.4MHz	16QAM	19957	3RB#1	21.53	23.11	PASS
Band 4	1.4MHz	16QAM	19957	3RB#3	21.55	23.13	PASS
Band 4	1.4MHz	16QAM	19957	6RB#0	21.16	22.74	PASS
Band 4	1.4MHz	16QAM	20175	1RB#0	20.95	22.53	PASS
Band 4	1.4MHz	16QAM	20175	1RB#2	20.99	22.57	PASS
Band 4	1.4MHz	16QAM	20175	1RB#5	21.01	22.59	PASS
Band 4	1.4MHz	16QAM	20175	3RB#0	21.11	22.69	PASS
Band 4	1.4MHz	16QAM	20175	3RB#1	21.11	22.69	PASS
Band 4	1.4MHz	16QAM	20175	3RB#3	21.14	22.72	PASS
Band 4	1.4MHz	16QAM	20175	6RB#0	20.28	21.86	PASS
Band 4	1.4MHz	16QAM	20393	1RB#0	22.04	23.62	PASS
Band 4	1.4MHz	16QAM	20393	1RB#2	22.05	23.63	PASS
Band 4	1.4MHz	16QAM	20393	1RB#5	22.50	24.08	PASS
Band 4	1.4MHz	16QAM	20393	3RB#0	21.40	22.98	PASS
Band 4	1.4MHz	16QAM	20393	3RB#1	21.35	22.93	PASS

Band 4	1.4MHz	16QAM	20393	3RB#3	21.31	22.89	PASS
Band 4	1.4MHz	16QAM	20393	6RB#0	20.61	22.19	PASS
Band 4	3MHz	QPSK	19965	1RB#0	22.77	24.35	PASS
Band 4	3MHz	QPSK	19965	1RB#8	22.76	24.34	PASS
Band 4	3MHz	QPSK	19965	1RB#14	22.69	24.27	PASS
Band 4	3MHz	QPSK	19965	8RB#0	20.86	22.44	PASS
Band 4	3MHz	QPSK	19965	8RB#4	20.86	22.44	PASS
Band 4	3MHz	QPSK	19965	8RB#7	20.76	22.34	PASS
Band 4	3MHz	QPSK	19965	15RB#0	20.77	22.35	PASS
Band 4	3MHz	QPSK	20175	1RB#0	22.31	23.89	PASS
Band 4	3MHz	QPSK	20175	1RB#8	22.36	23.94	PASS
Band 4	3MHz	QPSK	20175	1RB#14	22.39	23.97	PASS
Band 4	3MHz	QPSK	20175	8RB#0	20.40	21.98	PASS
Band 4	3MHz	QPSK	20175	8RB#4	20.29	21.87	PASS
Band 4	3MHz	QPSK	20175	8RB#7	20.36	21.94	PASS
Band 4	3MHz	QPSK	20175	15RB#0	20.36	21.94	PASS
Band 4	3MHz	QPSK	20385	1RB#0	22.57	24.15	PASS
Band 4	3MHz	QPSK	20385	1RB#8	22.45	24.03	PASS
Band 4	3MHz	QPSK	20385	1RB#14	22.37	23.95	PASS
Band 4	3MHz	QPSK	20385	8RB#0	20.48	22.06	PASS
Band 4	3MHz	QPSK	20385	8RB#4	20.49	22.07	PASS
Band 4	3MHz	QPSK	20385	8RB#7	20.34	21.92	PASS

Band 4	3MHz	QPSK	20385	15RB#0	20.46	22.04	PASS
Band 4	3MHz	16QAM	19965	1RB#0	21.68	23.26	PASS
Band 4	3MHz	16QAM	19965	1RB#8	21.89	23.47	PASS
Band 4	3MHz	16QAM	19965	1RB#14	21.74	23.32	PASS
Band 4	3MHz	16QAM	19965	8RB#0	21.04	22.62	PASS
Band 4	3MHz	16QAM	19965	8RB#4	21.07	22.65	PASS
Band 4	3MHz	16QAM	19965	8RB#7	20.99	22.57	PASS
Band 4	3MHz	16QAM	19965	15RB#0	20.94	22.52	PASS
Band 4	3MHz	16QAM	20175	1RB#0	20.99	22.57	PASS
Band 4	3MHz	16QAM	20175	1RB#8	21.00	22.58	PASS
Band 4	3MHz	16QAM	20175	1RB#14	21.00	22.58	PASS
Band 4	3MHz	16QAM	20175	8RB#0	20.56	22.14	PASS
Band 4	3MHz	16QAM	20175	8RB#4	20.51	22.09	PASS
Band 4	3MHz	16QAM	20175	8RB#7	20.56	22.14	PASS
Band 4	3MHz	16QAM	20175	15RB#0	20.32	21.9	PASS
Band 4	3MHz	16QAM	20385	1RB#0	21.09	22.67	PASS
Band 4	3MHz	16QAM	20385	1RB#8	21.08	22.66	PASS
Band 4	3MHz	16QAM	20385	1RB#14	21.08	22.66	PASS
Band 4	3MHz	16QAM	20385	8RB#0	20.70	22.28	PASS
Band 4	3MHz	16QAM	20385	8RB#4	20.67	22.25	PASS
Band 4	3MHz	16QAM	20385	8RB#7	20.63	22.21	PASS
Band 4	3MHz	16QAM	20385	15RB#0	20.50	22.08	PASS

Band 4	5MHz	QPSK	19975	1RB#0	22.74	24.32	PASS
Band 4	5MHz	QPSK	19975	1RB#12	22.73	24.31	PASS
Band 4	5MHz	QPSK	19975	1RB#24	22.63	24.21	PASS
Band 4	5MHz	QPSK	19975	12RB#0	20.87	22.45	PASS
Band 4	5MHz	QPSK	19975	12RB#6	20.87	22.45	PASS
Band 4	5MHz	QPSK	19975	12RB#13	20.79	22.37	PASS
Band 4	5MHz	QPSK	19975	25RB#0	20.75	22.33	PASS
Band 4	5MHz	QPSK	20175	1RB#0	22.27	23.85	PASS
Band 4	5MHz	QPSK	20175	1RB#12	22.26	23.84	PASS
Band 4	5MHz	QPSK	20175	1RB#24	22.40	23.98	PASS
Band 4	5MHz	QPSK	20175	12RB#0	20.43	22.01	PASS
Band 4	5MHz	QPSK	20175	12RB#6	20.38	21.96	PASS
Band 4	5MHz	QPSK	20175	12RB#13	20.46	22.04	PASS
Band 4	5MHz	QPSK	20175	25RB#0	20.35	21.93	PASS
Band 4	5MHz	QPSK	20375	1RB#0	22.41	23.99	PASS
Band 4	5MHz	QPSK	20375	1RB#12	22.41	23.99	PASS
Band 4	5MHz	QPSK	20375	1RB#24	22.56	24.14	PASS
Band 4	5MHz	QPSK	20375	12RB#0	20.49	22.07	PASS
Band 4	5MHz	QPSK	20375	12RB#6	20.49	22.07	PASS
Band 4	5MHz	QPSK	20375	12RB#13	20.42	22	PASS
Band 4	5MHz	QPSK	20375	25RB#0	20.53	22.11	PASS
Band 4	5MHz	16QAM	19975	1RB#0	21.15	22.73	PASS

Band 4	5MHz	16QAM	19975	1RB#12	21.00	22.58	PASS
Band 4	5MHz	16QAM	19975	1RB#24	20.97	22.55	PASS
Band 4	5MHz	16QAM	19975	12RB#0	20.87	22.45	PASS
Band 4	5MHz	16QAM	19975	12RB#6	20.85	22.43	PASS
Band 4	5MHz	16QAM	19975	12RB#13	20.80	22.38	PASS
Band 4	5MHz	16QAM	19975	25RB#0	20.92	22.5	PASS
Band 4	5MHz	16QAM	20175	1RB#0	21.54	23.12	PASS
Band 4	5MHz	16QAM	20175	1RB#12	21.33	22.91	PASS
Band 4	5MHz	16QAM	20175	1RB#24	21.68	23.26	PASS
Band 4	5MHz	16QAM	20175	12RB#0	20.51	22.09	PASS
Band 4	5MHz	16QAM	20175	12RB#6	20.51	22.09	PASS
Band 4	5MHz	16QAM	20175	12RB#13	20.53	22.11	PASS
Band 4	5MHz	16QAM	20175	25RB#0	20.47	22.05	PASS
Band 4	5MHz	16QAM	20375	1RB#0	20.81	22.39	PASS
Band 4	5MHz	16QAM	20375	1RB#12	20.98	22.56	PASS
Band 4	5MHz	16QAM	20375	1RB#24	20.85	22.43	PASS
Band 4	5MHz	16QAM	20375	12RB#0	20.52	22.1	PASS
Band 4	5MHz	16QAM	20375	12RB#6	20.51	22.09	PASS
Band 4	5MHz	16QAM	20375	12RB#13	20.52	22.1	PASS
Band 4	5MHz	16QAM	20375	25RB#0	20.70	22.28	PASS
Band 4	10MHz	QPSK	20000	1RB#0	22.77	24.35	PASS
Band 4	10MHz	QPSK	20000	1RB#24	22.63	24.21	PASS

Band 4	10MHz	QPSK	20000	1RB#49	22.53	24.11	PASS
Band 4	10MHz	QPSK	20000	25RB#0	20.69	22.27	PASS
Band 4	10MHz	QPSK	20000	25RB#12	20.70	22.28	PASS
Band 4	10MHz	QPSK	20000	25RB#25	20.61	22.19	PASS
Band 4	10MHz	QPSK	20000	50RB#0	20.69	22.27	PASS
Band 4	10MHz	QPSK	20175	1RB#0	22.23	23.81	PASS
Band 4	10MHz	QPSK	20175	1RB#24	22.15	23.73	PASS
Band 4	10MHz	QPSK	20175	1RB#49	22.36	23.94	PASS
Band 4	10MHz	QPSK	20175	25RB#0	20.34	21.92	PASS
Band 4	10MHz	QPSK	20175	25RB#12	20.44	22.02	PASS
Band 4	10MHz	QPSK	20175	25RB#25	20.48	22.06	PASS
Band 4	10MHz	QPSK	20175	50RB#0	20.35	21.93	PASS
Band 4	10MHz	QPSK	20350	1RB#0	22.48	24.06	PASS
Band 4	10MHz	QPSK	20350	1RB#24	22.53	24.11	PASS
Band 4	10MHz	QPSK	20350	1RB#49	22.47	24.05	PASS
Band 4	10MHz	QPSK	20350	25RB#0	20.51	22.09	PASS
Band 4	10MHz	QPSK	20350	25RB#12	20.52	22.1	PASS
Band 4	10MHz	QPSK	20350	25RB#25	20.56	22.14	PASS
Band 4	10MHz	QPSK	20350	50RB#0	20.53	22.11	PASS
Band 4	10MHz	16QAM	20000	1RB#0	21.91	23.49	PASS
Band 4	10MHz	16QAM	20000	1RB#24	21.72	23.3	PASS
Band 4	10MHz	16QAM	20000	1RB#49	21.48	23.06	PASS

Band 4	10MHz	16QAM	20000	25RB#0	20.69	22.27	PASS
Band 4	10MHz	16QAM	20000	25RB#12	20.71	22.29	PASS
Band 4	10MHz	16QAM	20000	25RB#25	20.63	22.21	PASS
Band 4	10MHz	16QAM	20000	50RB#0	20.70	22.28	PASS
Band 4	10MHz	16QAM	20175	1RB#0	21.26	22.84	PASS
Band 4	10MHz	16QAM	20175	1RB#24	21.25	22.83	PASS
Band 4	10MHz	16QAM	20175	1RB#49	21.35	22.93	PASS
Band 4	10MHz	16QAM	20175	25RB#0	20.56	22.14	PASS
Band 4	10MHz	16QAM	20175	25RB#12	20.55	22.13	PASS
Band 4	10MHz	16QAM	20175	25RB#25	20.55	22.13	PASS
Band 4	10MHz	16QAM	20175	50RB#0	20.52	22.1	PASS
Band 4	10MHz	16QAM	20350	1RB#0	21.45	23.03	PASS
Band 4	10MHz	16QAM	20350	1RB#24	21.34	22.92	PASS
Band 4	10MHz	16QAM	20350	1RB#49	21.27	22.85	PASS
Band 4	10MHz	16QAM	20350	25RB#0	20.54	22.12	PASS
Band 4	10MHz	16QAM	20350	25RB#12	20.55	22.13	PASS
Band 4	10MHz	16QAM	20350	25RB#25	20.56	22.14	PASS
Band 4	10MHz	16QAM	20350	50RB#0	20.54	22.12	PASS
Band 4	15MHz	QPSK	20025	1RB#0	22.78	24.36	PASS
Band 4	15MHz	QPSK	20025	1RB#38	22.51	24.09	PASS
Band 4	15MHz	QPSK	20025	1RB#74	22.32	23.9	PASS
Band 4	15MHz	QPSK	20025	38RB#0	20.60	22.18	PASS

Band 4	15MHz	QPSK	20025	38RB#18	20.58	22.16	PASS
Band 4	15MHz	QPSK	20025	38RB#37	20.59	22.17	PASS
Band 4	15MHz	QPSK	20025	75RB#0	20.59	22.17	PASS
Band 4	15MHz	QPSK	20175	1RB#0	22.16	23.74	PASS
Band 4	15MHz	QPSK	20175	1RB#38	22.12	23.7	PASS
Band 4	15MHz	QPSK	20175	1RB#74	22.34	23.92	PASS
Band 4	15MHz	QPSK	20175	38RB#0	20.42	22	PASS
Band 4	15MHz	QPSK	20175	38RB#18	20.45	22.03	PASS
Band 4	15MHz	QPSK	20175	38RB#37	20.37	21.95	PASS
Band 4	15MHz	QPSK	20175	75RB#0	20.38	21.96	PASS
Band 4	15MHz	QPSK	20325	1RB#0	22.45	24.03	PASS
Band 4	15MHz	QPSK	20325	1RB#38	22.52	24.1	PASS
Band 4	15MHz	QPSK	20325	1RB#74	22.54	24.12	PASS
Band 4	15MHz	QPSK	20325	38RB#0	20.63	22.21	PASS
Band 4	15MHz	QPSK	20325	38RB#18	20.59	22.17	PASS
Band 4	15MHz	QPSK	20325	38RB#37	20.59	22.17	PASS
Band 4	15MHz	QPSK	20325	75RB#0	20.59	22.17	PASS
Band 4	15MHz	16QAM	20025	1RB#0	21.92	23.5	PASS
Band 4	15MHz	16QAM	20025	1RB#38	21.58	23.16	PASS
Band 4	15MHz	16QAM	20025	1RB#74	21.32	22.9	PASS
Band 4	15MHz	16QAM	20025	38RB#0	20.59	22.17	PASS
Band 4	15MHz	16QAM	20025	38RB#18	20.59	22.17	PASS

Band 4	15MHz	16QAM	20025	38RB#37	20.59	22.17	PASS
Band 4	15MHz	16QAM	20025	75RB#0	20.70	22.28	PASS
Band 4	15MHz	16QAM	20175	1RB#0	21.33	22.91	PASS
Band 4	15MHz	16QAM	20175	1RB#38	21.35	22.93	PASS
Band 4	15MHz	16QAM	20175	1RB#74	21.47	23.05	PASS
Band 4	15MHz	16QAM	20175	38RB#0	20.44	22.02	PASS
Band 4	15MHz	16QAM	20175	38RB#18	20.37	21.95	PASS
Band 4	15MHz	16QAM	20175	38RB#37	20.38	21.96	PASS
Band 4	15MHz	16QAM	20175	75RB#0	20.45	22.03	PASS
Band 4	15MHz	16QAM	20325	1RB#0	21.46	23.04	PASS
Band 4	15MHz	16QAM	20325	1RB#38	21.38	22.96	PASS
Band 4	15MHz	16QAM	20325	1RB#74	21.26	22.84	PASS
Band 4	15MHz	16QAM	20325	38RB#0	20.58	22.16	PASS
Band 4	15MHz	16QAM	20325	38RB#18	20.59	22.17	PASS
Band 4	15MHz	16QAM	20325	38RB#37	20.59	22.17	PASS
Band 4	15MHz	16QAM	20325	75RB#0	20.57	22.15	PASS
Band 4	20MHz	QPSK	20050	1RB#0	22.95	24.53	PASS
Band 4	20MHz	QPSK	20050	1RB#49	22.66	24.24	PASS
Band 4	20MHz	QPSK	20050	1RB#99	22.43	24.01	PASS
Band 4	20MHz	QPSK	20050	50RB#0	20.69	22.27	PASS
Band 4	20MHz	QPSK	20050	50RB#25	20.66	22.24	PASS
Band 4	20MHz	QPSK	20050	50RB#50	20.39	21.97	PASS

Band 4	20MHz	QPSK	20050	100RB#0	20.44	22.02	PASS
Band 4	20MHz	QPSK	20175	1RB#0	22.46	24.04	PASS
Band 4	20MHz	QPSK	20175	1RB#49	22.52	24.1	PASS
Band 4	20MHz	QPSK	20175	1RB#99	22.66	24.24	PASS
Band 4	20MHz	QPSK	20175	50RB#0	20.41	21.99	PASS
Band 4	20MHz	QPSK	20175	50RB#25	20.18	21.76	PASS
Band 4	20MHz	QPSK	20175	50RB#50	20.50	22.08	PASS
Band 4	20MHz	QPSK	20175	100RB#0	20.41	21.99	PASS
Band 4	20MHz	QPSK	20300	1RB#0	22.60	24.18	PASS
Band 4	20MHz	QPSK	20300	1RB#49	22.82	24.4	PASS
Band 4	20MHz	QPSK	20300	1RB#99	22.91	24.49	PASS
Band 4	20MHz	QPSK	20300	50RB#0	20.52	22.1	PASS
Band 4	20MHz	QPSK	20300	50RB#25	20.50	22.08	PASS
Band 4	20MHz	QPSK	20300	50RB#50	20.58	22.16	PASS
Band 4	20MHz	QPSK	20300	100RB#0	20.46	22.04	PASS
Band 4	20MHz	16QAM	20050	1RB#0	21.84	23.42	PASS
Band 4	20MHz	16QAM	20050	1RB#49	21.52	23.1	PASS
Band 4	20MHz	16QAM	20050	1RB#99	21.12	22.7	PASS
Band 4	20MHz	16QAM	20050	50RB#0	20.71	22.29	PASS
Band 4	20MHz	16QAM	20050	50RB#25	20.80	22.38	PASS
Band 4	20MHz	16QAM	20050	50RB#50	20.56	22.14	PASS
Band 4	20MHz	16QAM	20050	100RB#0	20.63	22.21	PASS

Band 4	20MHz	16QAM	20175	1RB#0	21.80	23.38	PASS
Band 4	20MHz	16QAM	20175	1RB#49	21.74	23.32	PASS
Band 4	20MHz	16QAM	20175	1RB#99	21.96	23.54	PASS
Band 4	20MHz	16QAM	20175	50RB#0	20.48	22.06	PASS
Band 4	20MHz	16QAM	20175	50RB#25	20.49	22.07	PASS
Band 4	20MHz	16QAM	20175	50RB#50	20.53	22.11	PASS
Band 4	20MHz	16QAM	20175	100RB#0	20.45	22.03	PASS
Band 4	20MHz	16QAM	20300	1RB#0	20.85	22.43	PASS
Band 4	20MHz	16QAM	20300	1RB#49	20.68	22.26	PASS
Band 4	20MHz	16QAM	20300	1RB#99	20.77	22.35	PASS
Band 4	20MHz	16QAM	20300	50RB#0	20.57	22.15	PASS
Band 4	20MHz	16QAM	20300	50RB#25	20.58	22.16	PASS
Band 4	20MHz	16QAM	20300	50RB#50	20.63	22.21	PASS
Band 4	20MHz	16QAM	20300	100RB#0	20.49	22.07	PASS

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

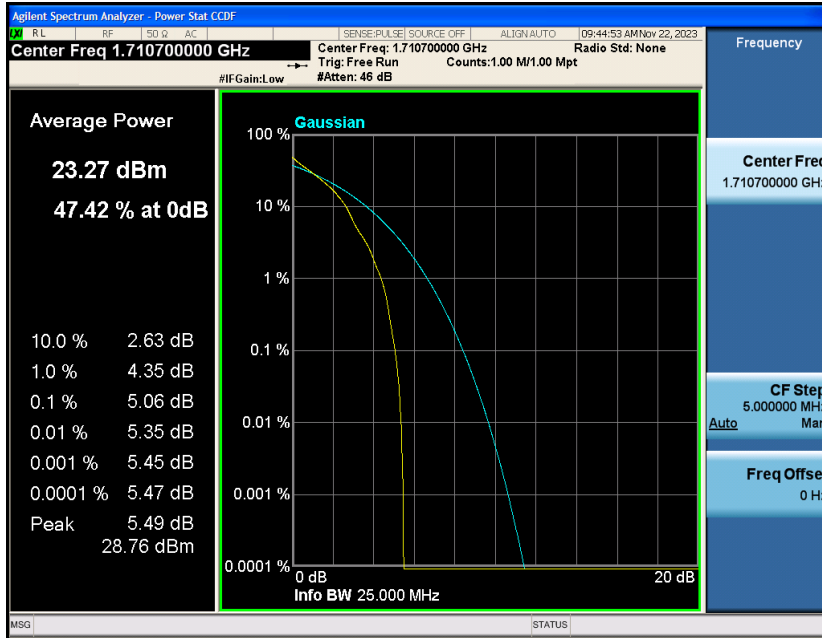
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	5.06	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.79	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.91	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.73	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	5.29	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.92	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.95	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.35	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.61	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.07	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	6.02	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.49	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	5.08	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.80	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.82	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.70	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	5.20	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.84	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	6.07	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.45	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.84	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.19	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	6.03	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.51	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.08	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.87	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.91	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.68	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	5.44	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.88	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.67	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.38	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.84	13	PASS
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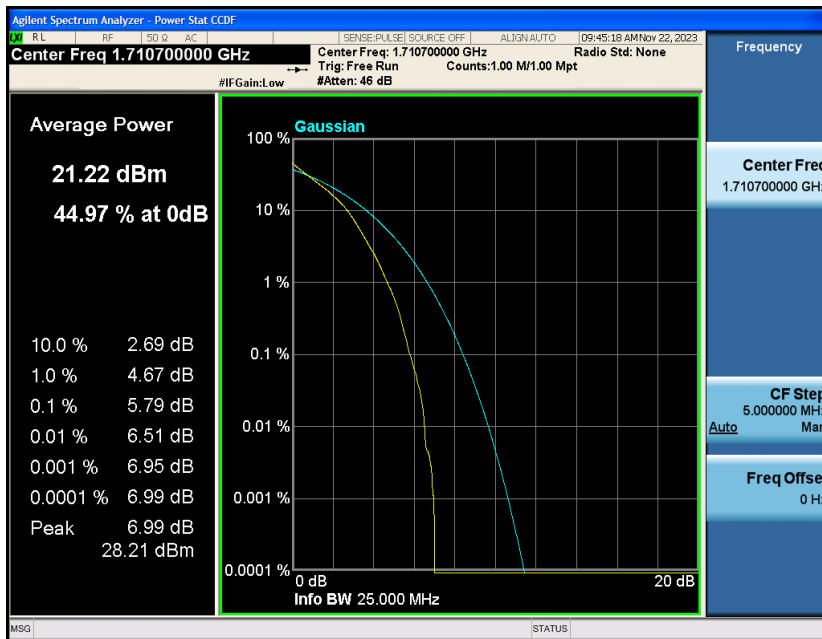
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Band4	10MHz	QPSK	20000	50RB#0	5.88	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.78	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.77	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.20	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.96	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	6.07	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.45	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.73	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.20	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	6.02	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.52	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	5.14	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	6.12	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.87	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	6.04	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	5.30	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	6.22	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.80	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.43	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.76	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.30	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	6.01	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.55	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.05	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.77	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.84	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.77	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.97	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	6.01	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	6.17	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.39	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.52	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.33	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.81	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.51	13	PASS

Test Graphs

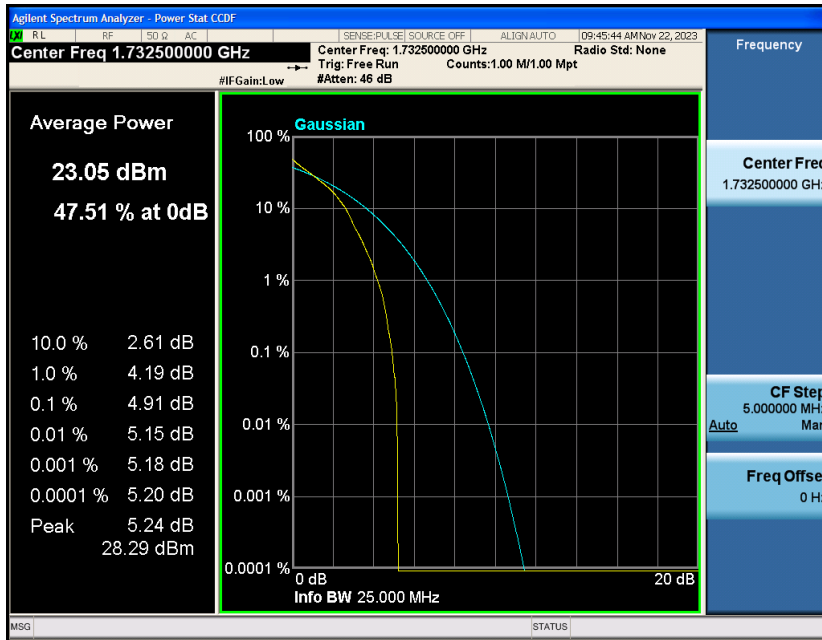
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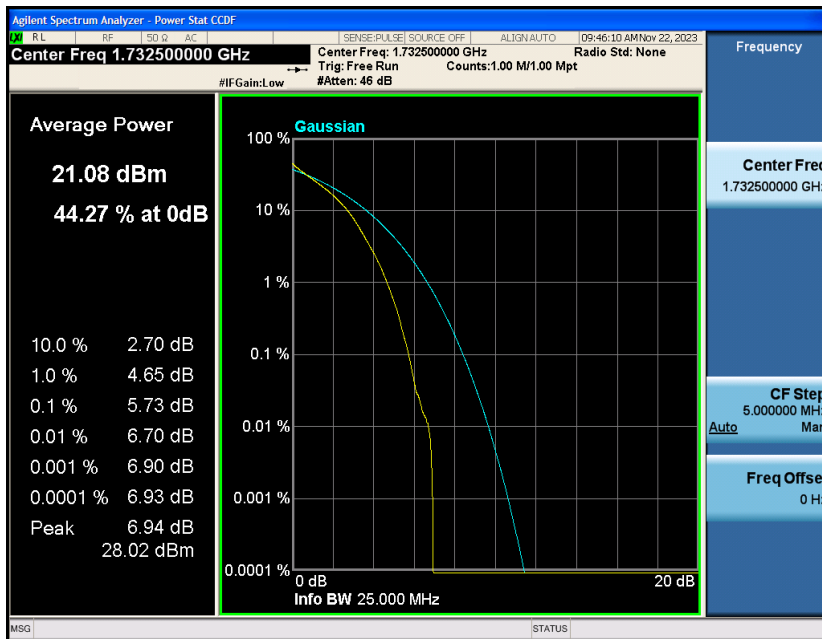
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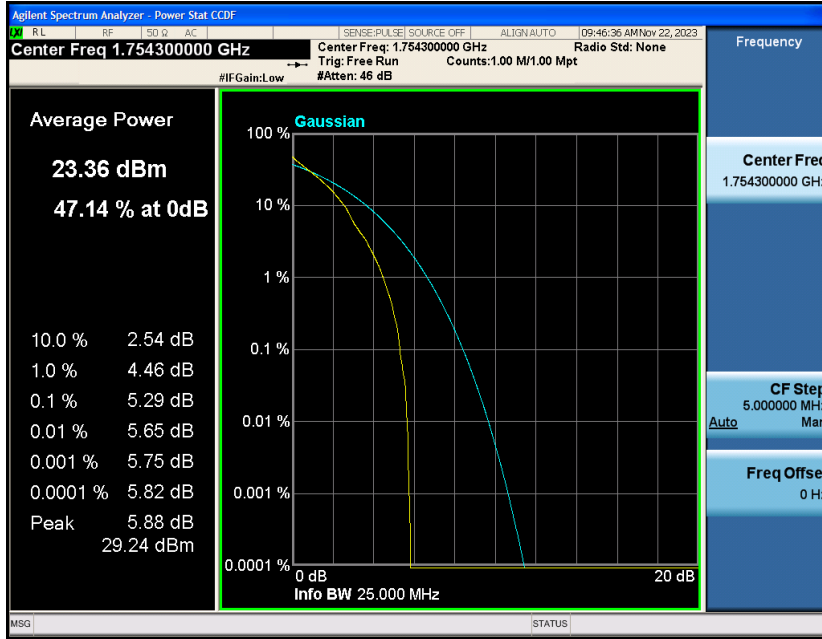
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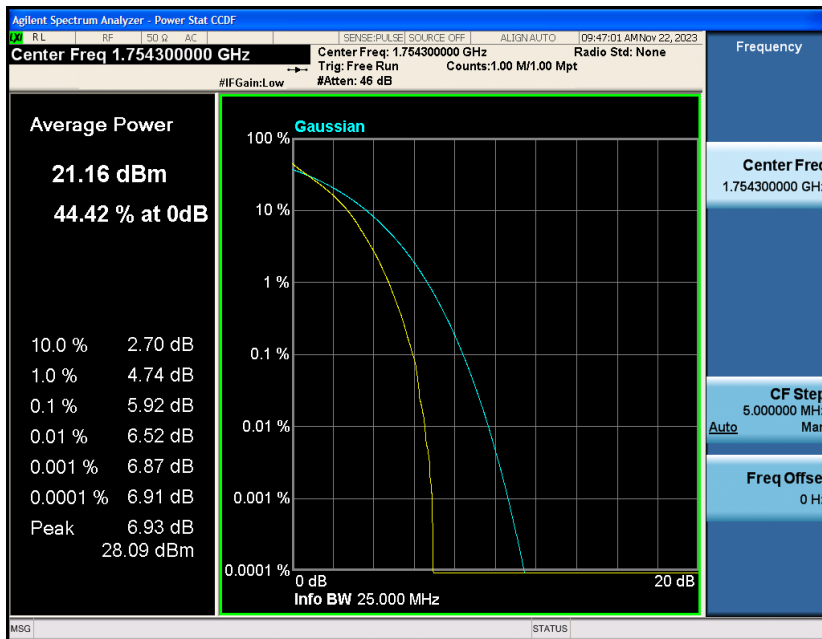
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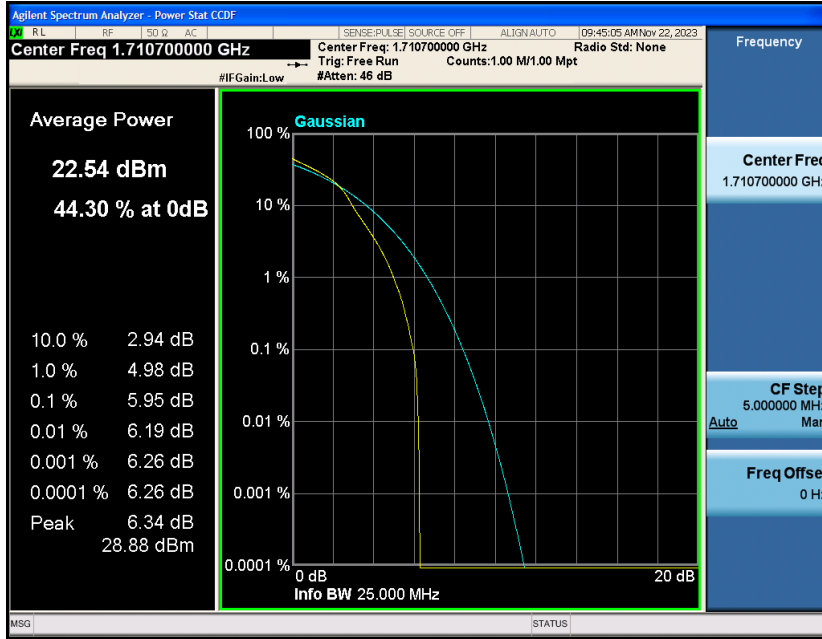
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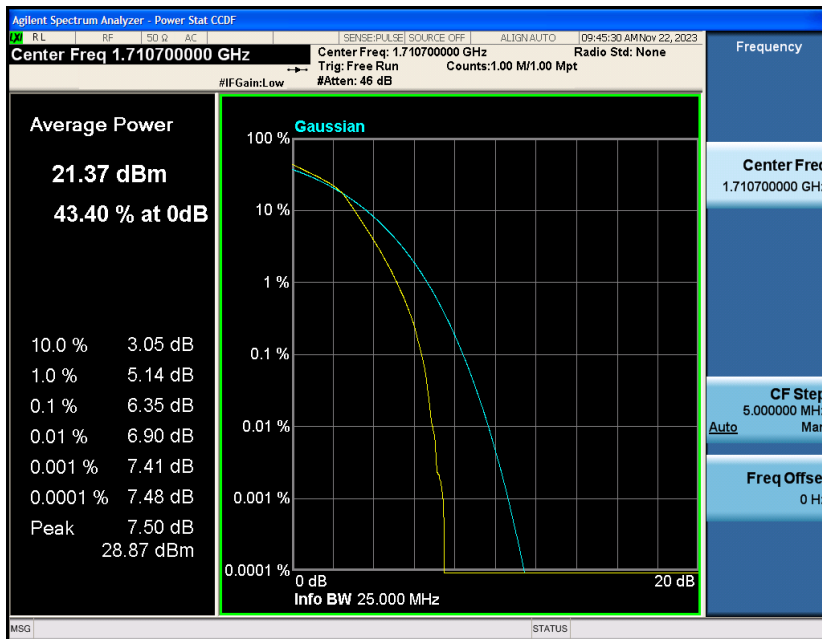
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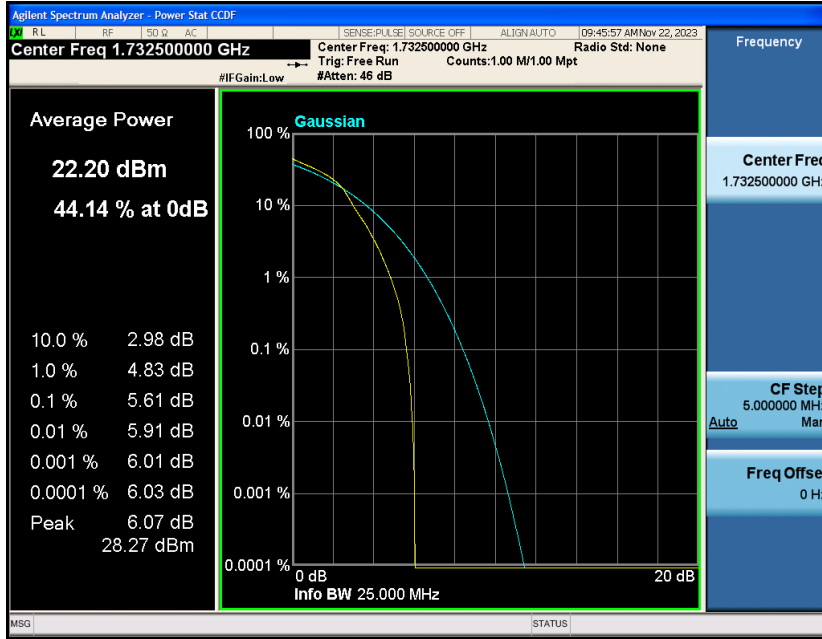
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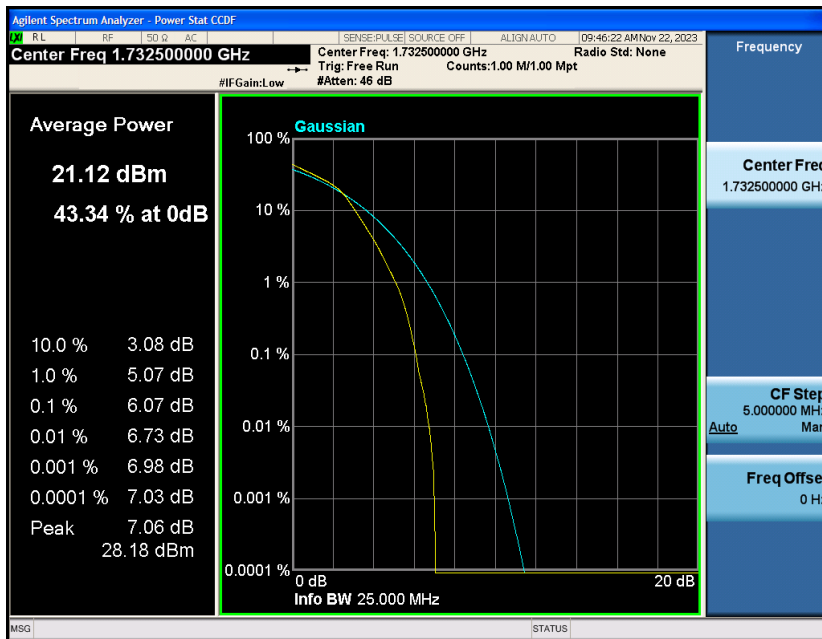
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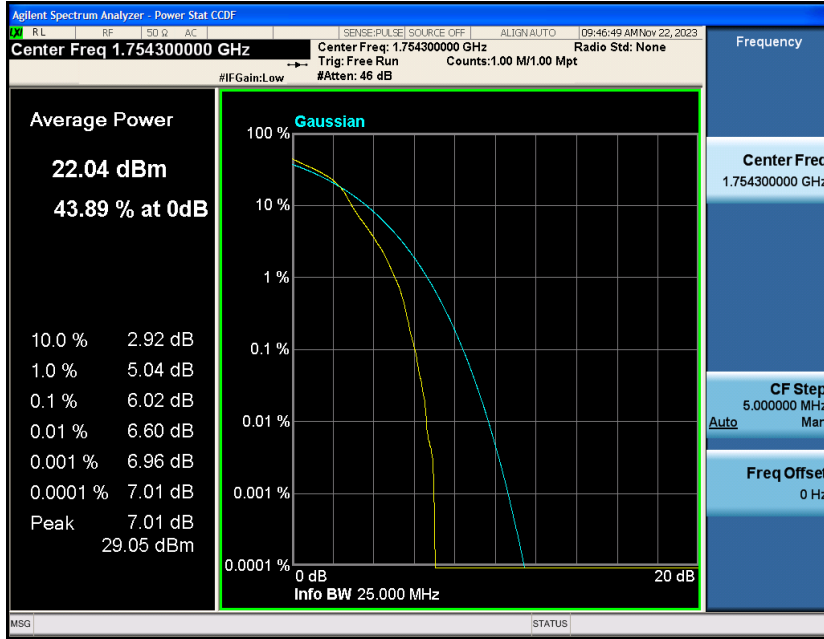
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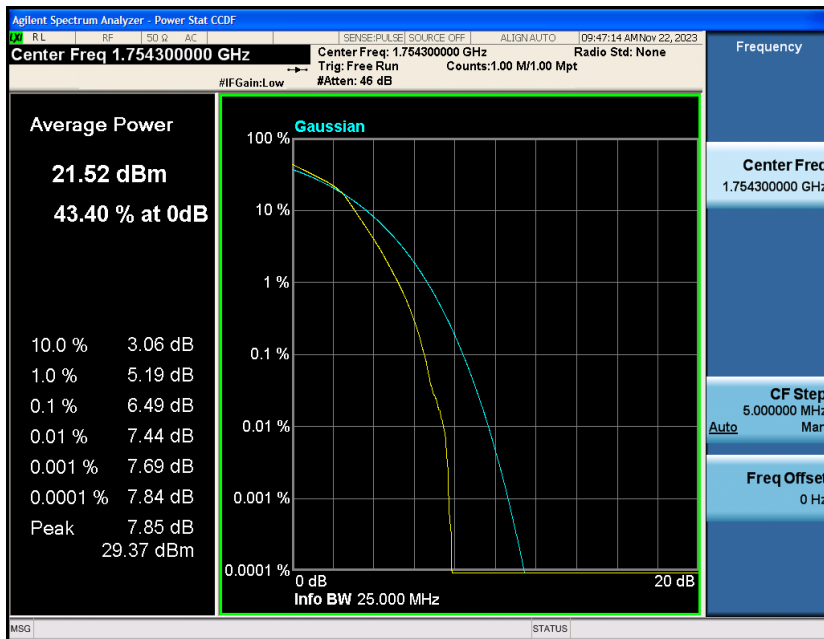
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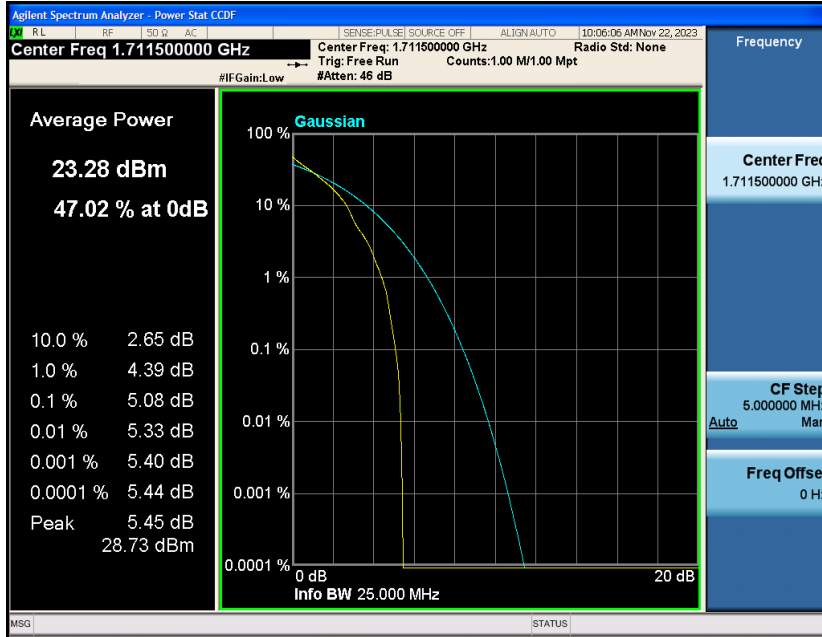
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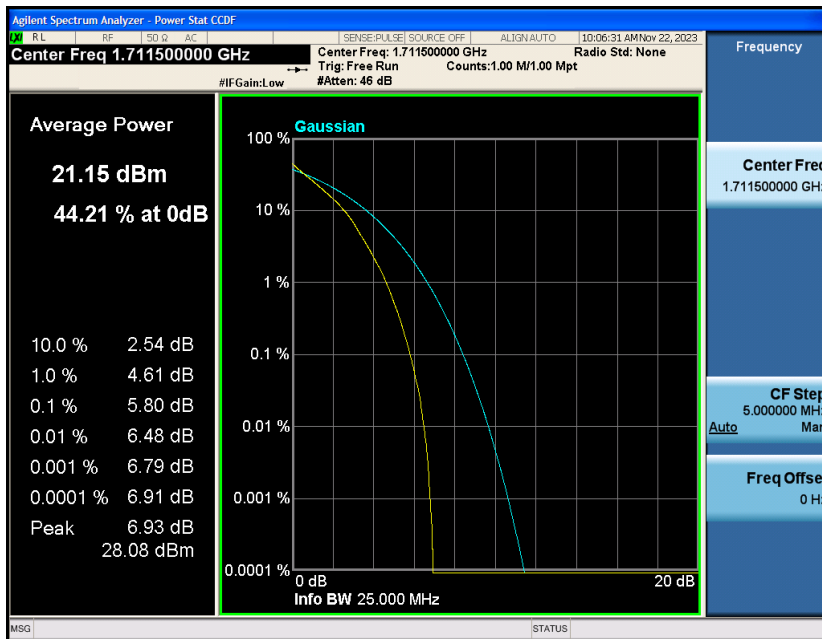
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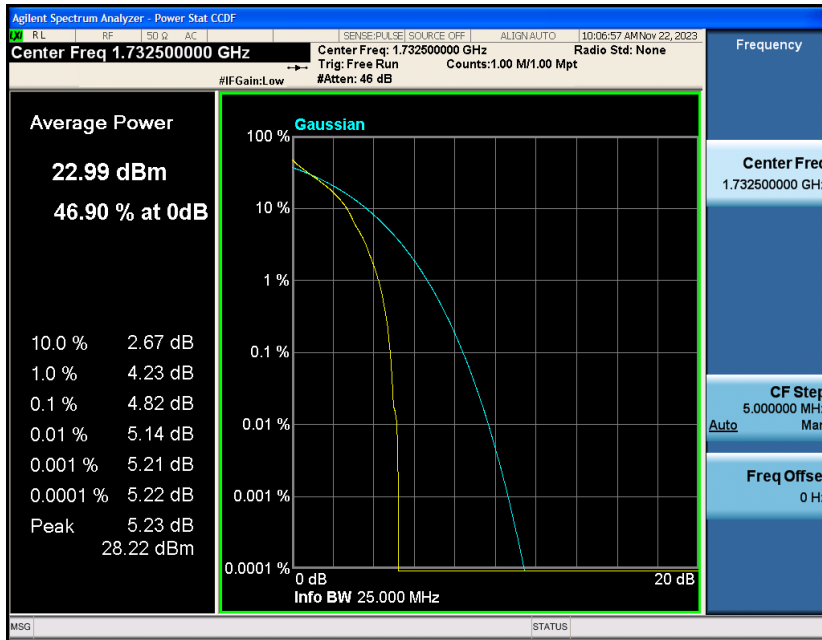
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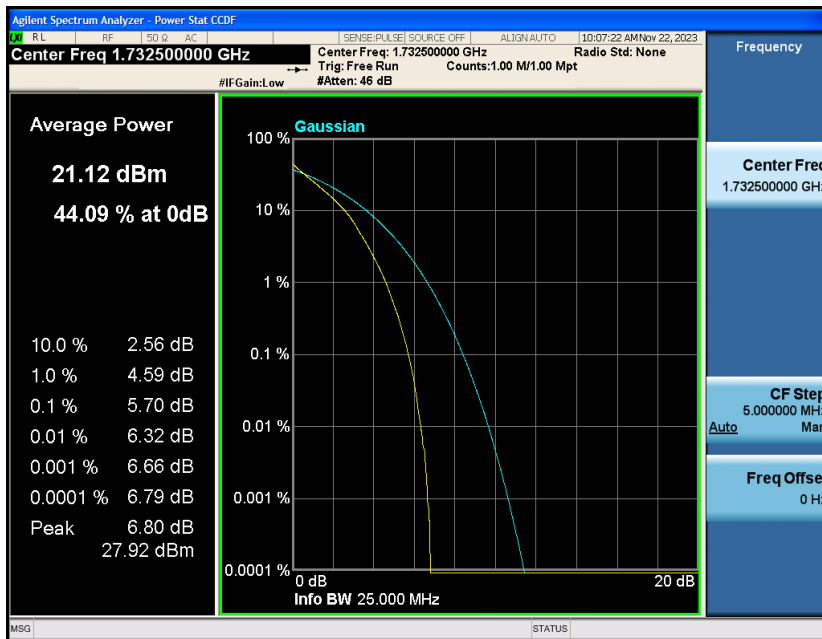
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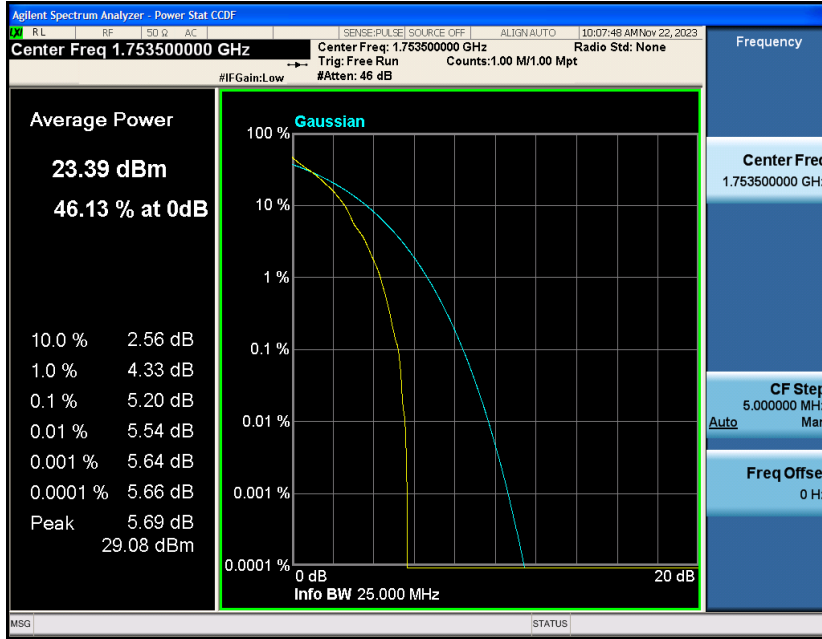
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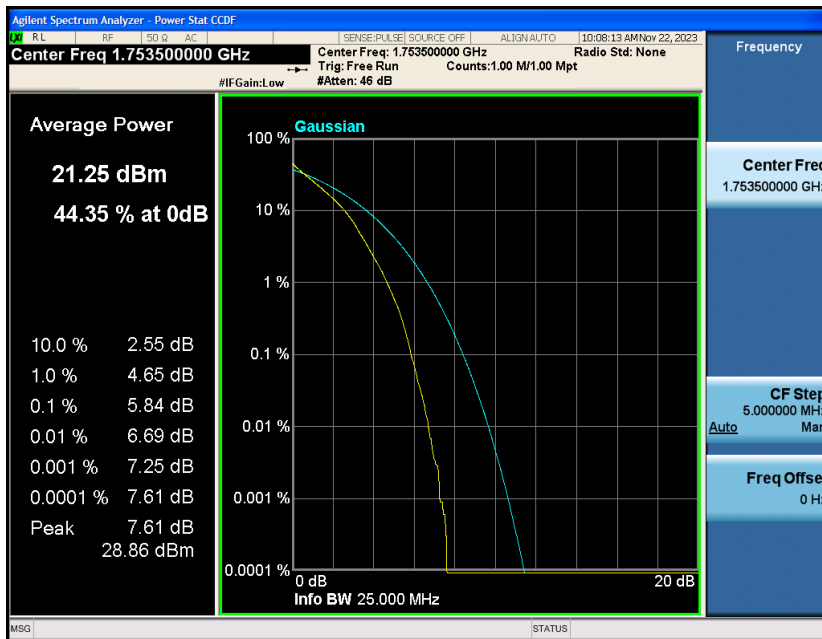
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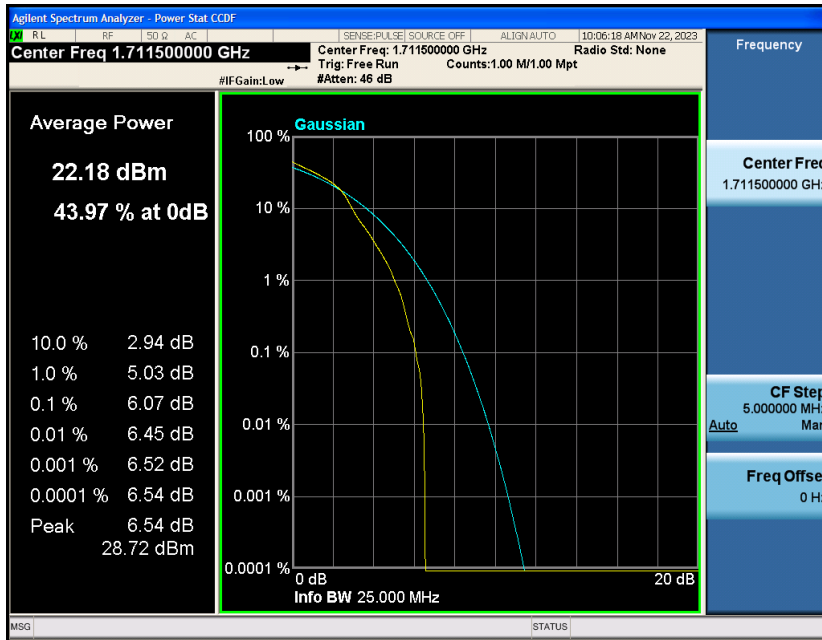
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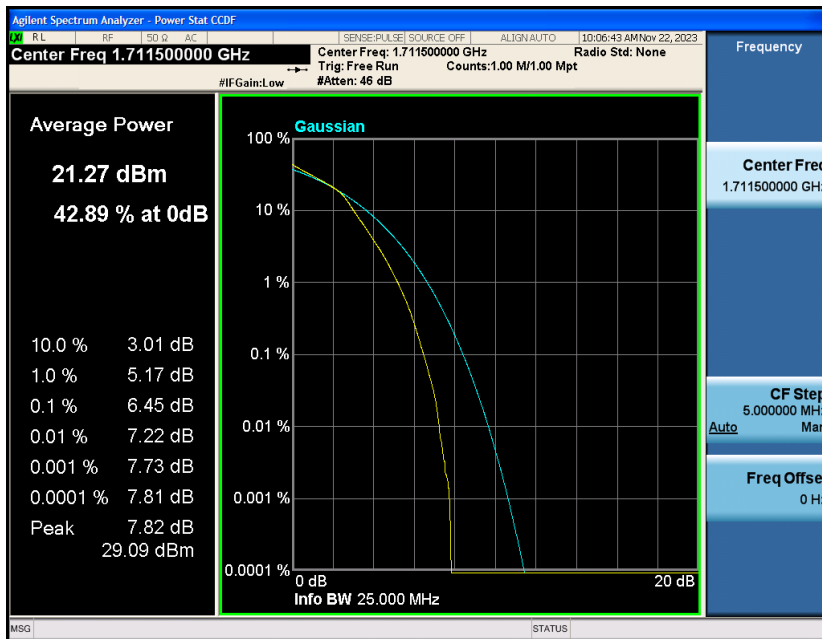
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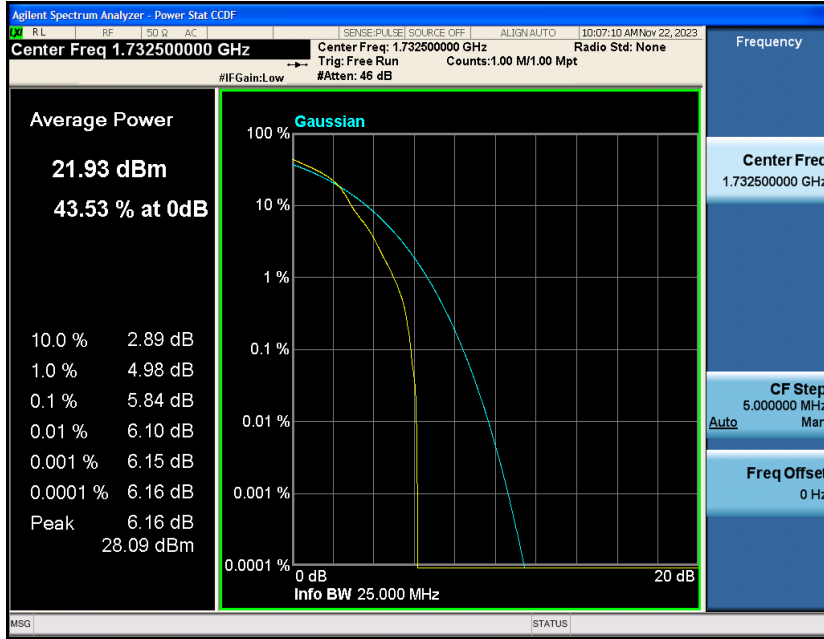
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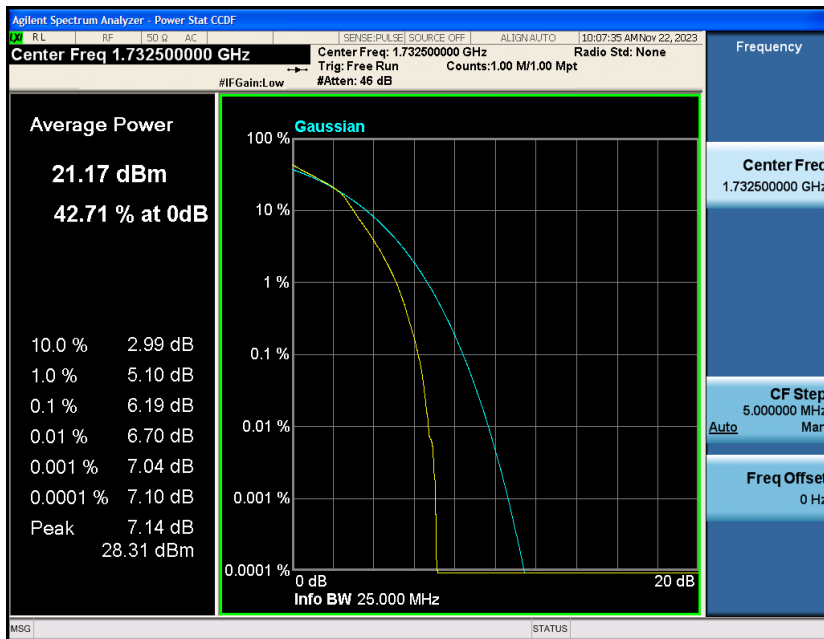
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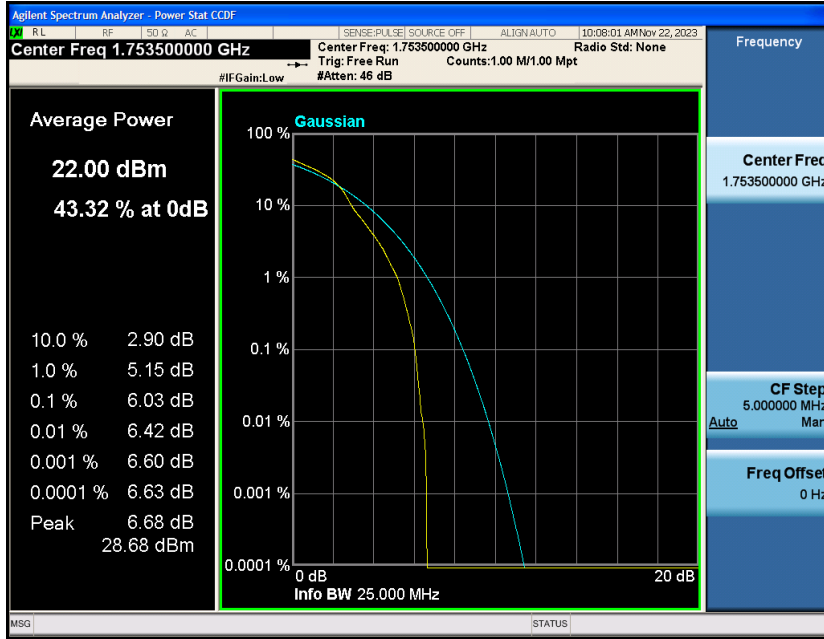
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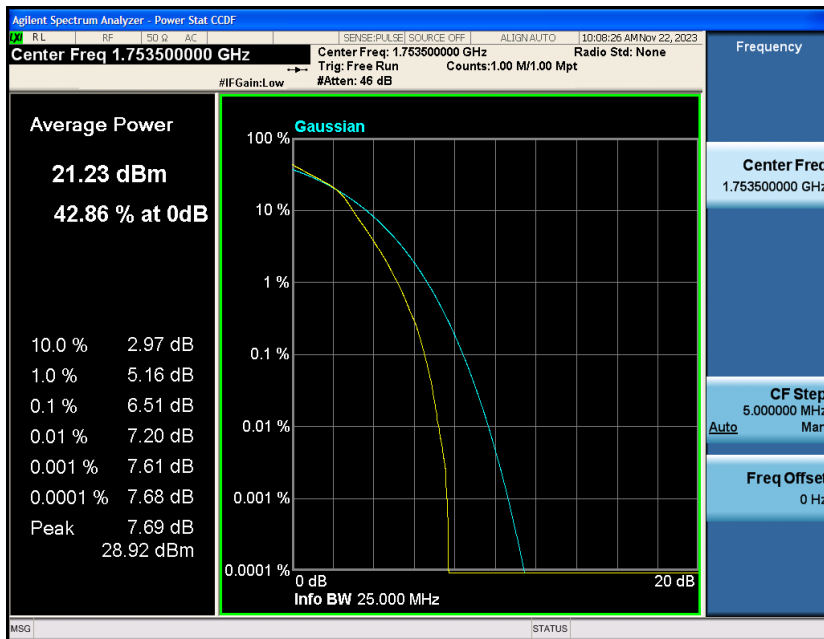
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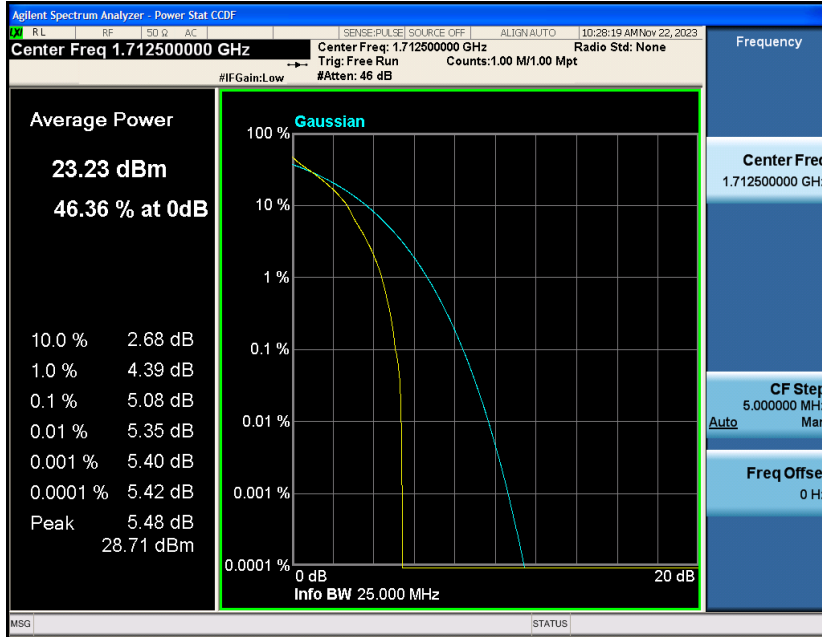
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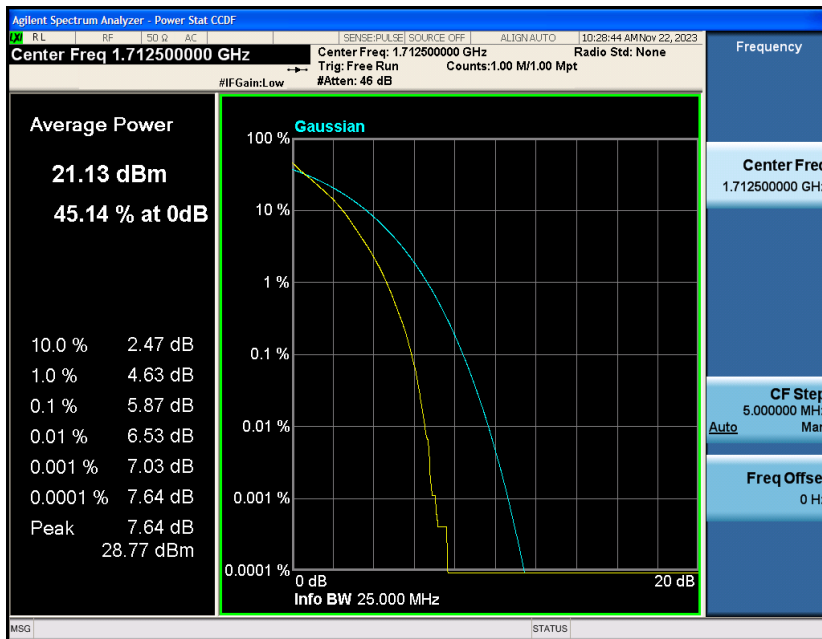
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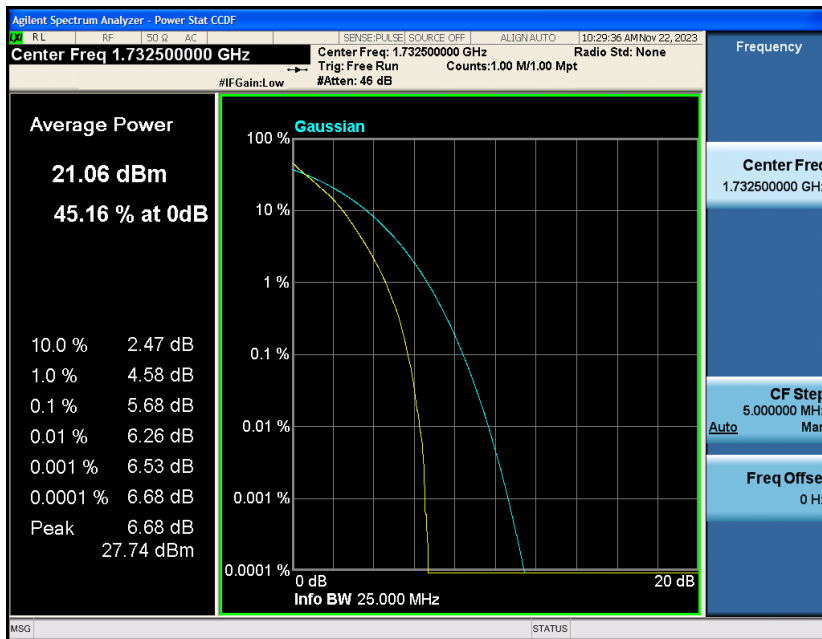
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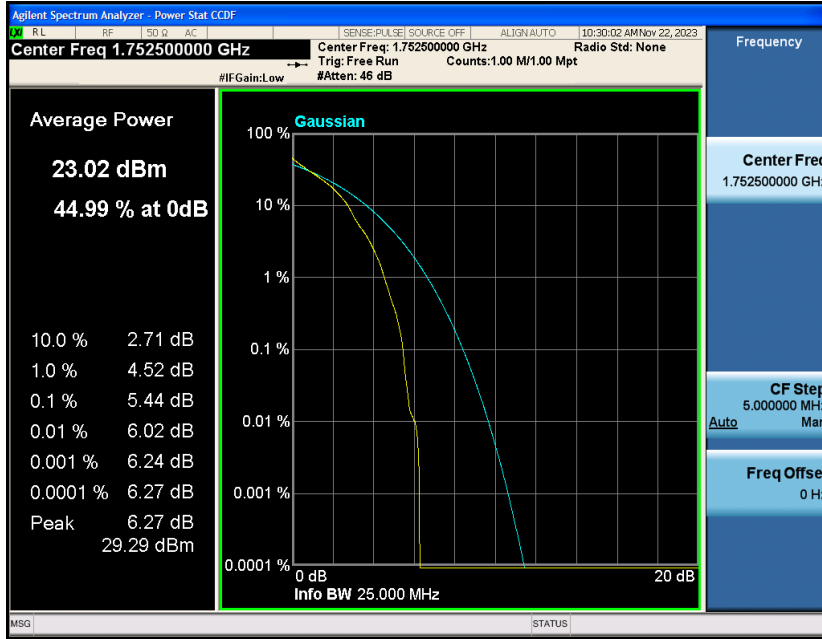
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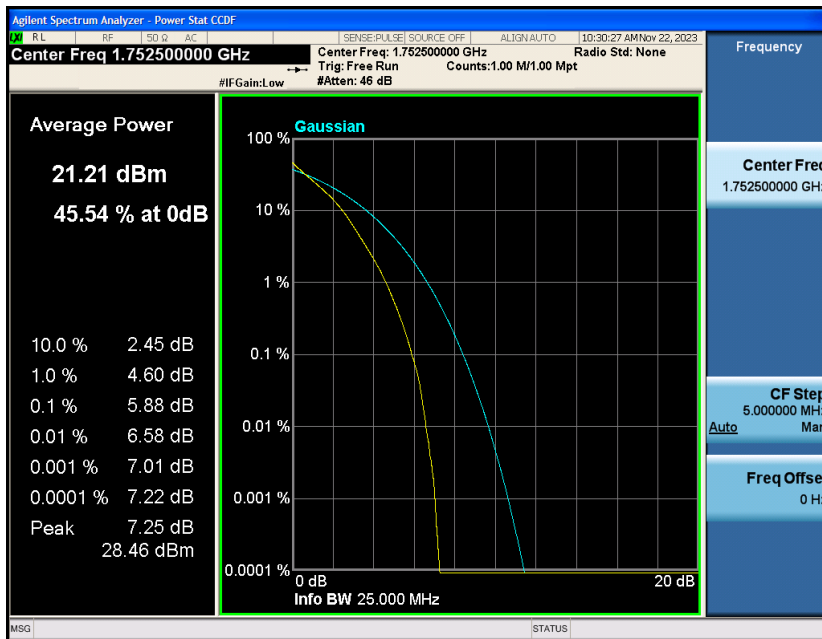
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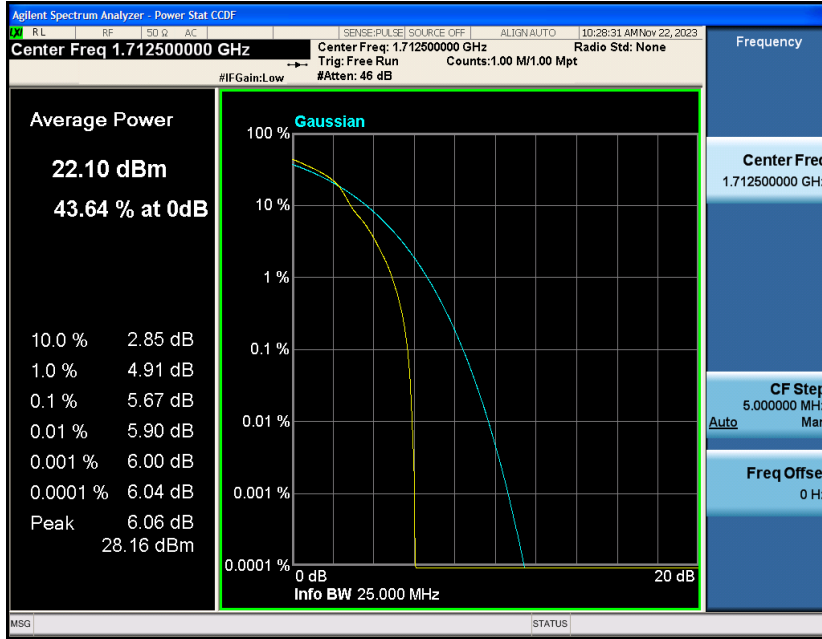
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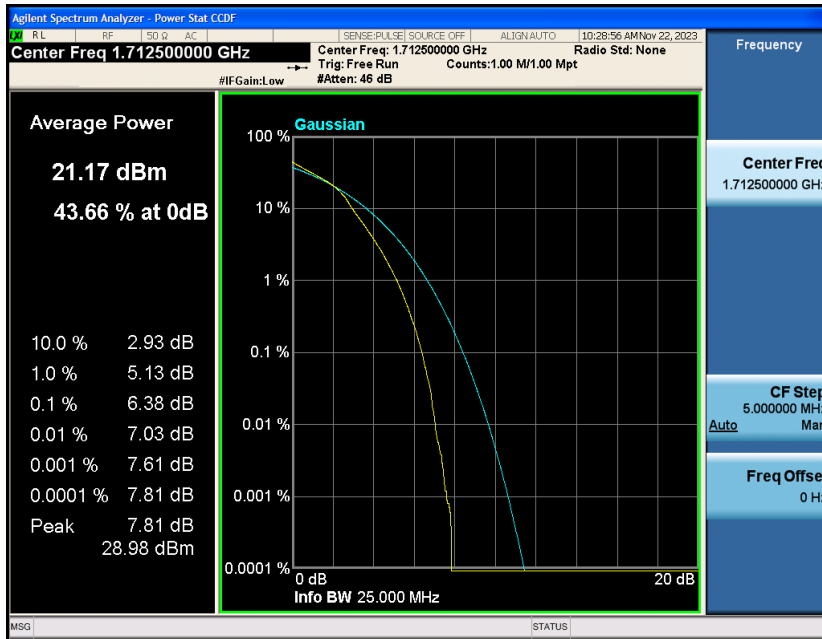
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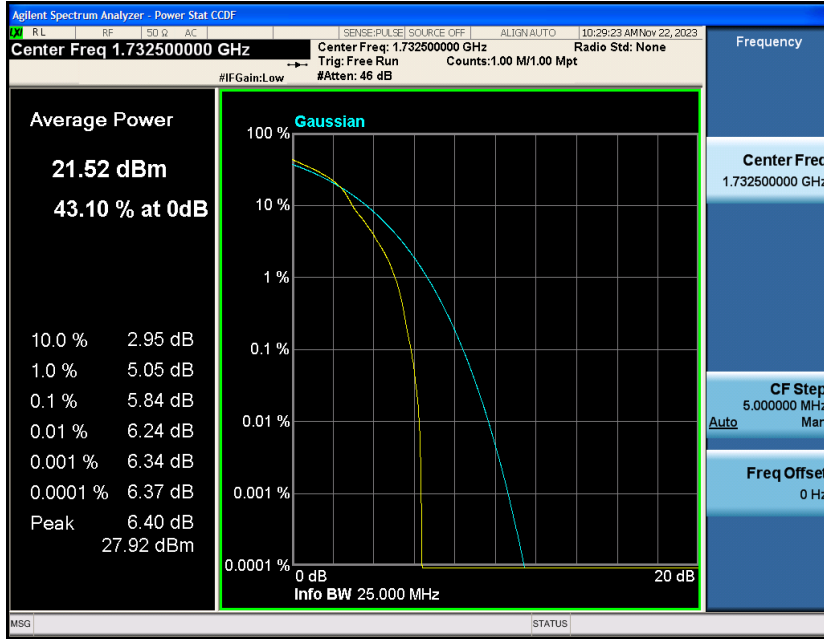
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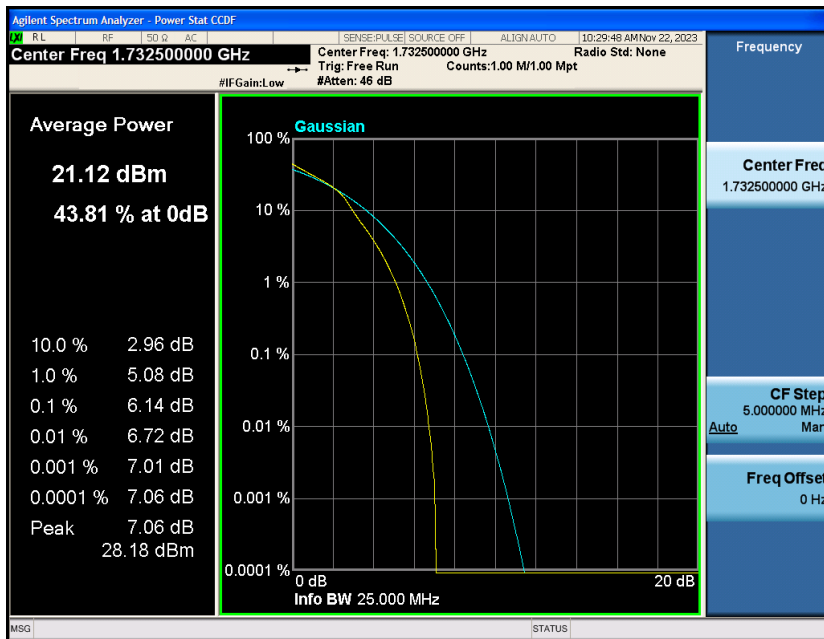
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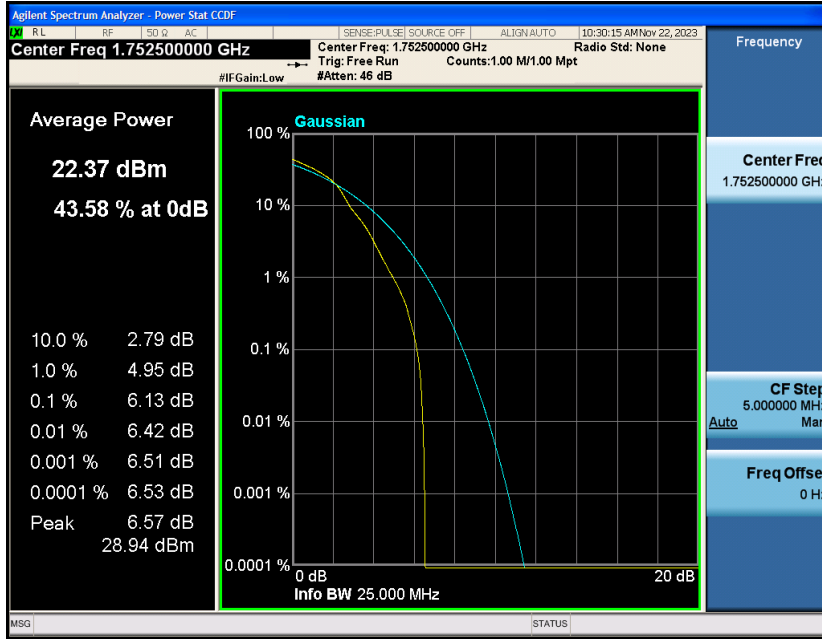
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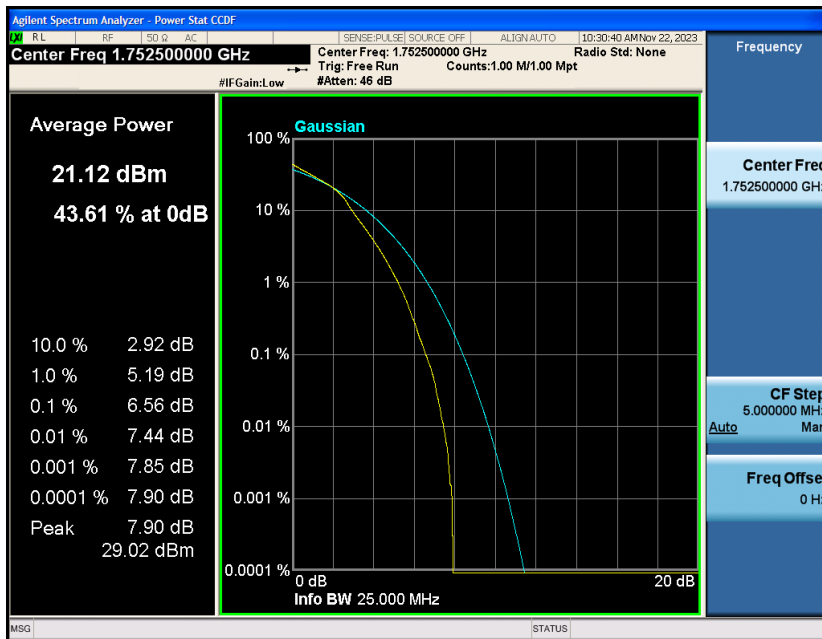
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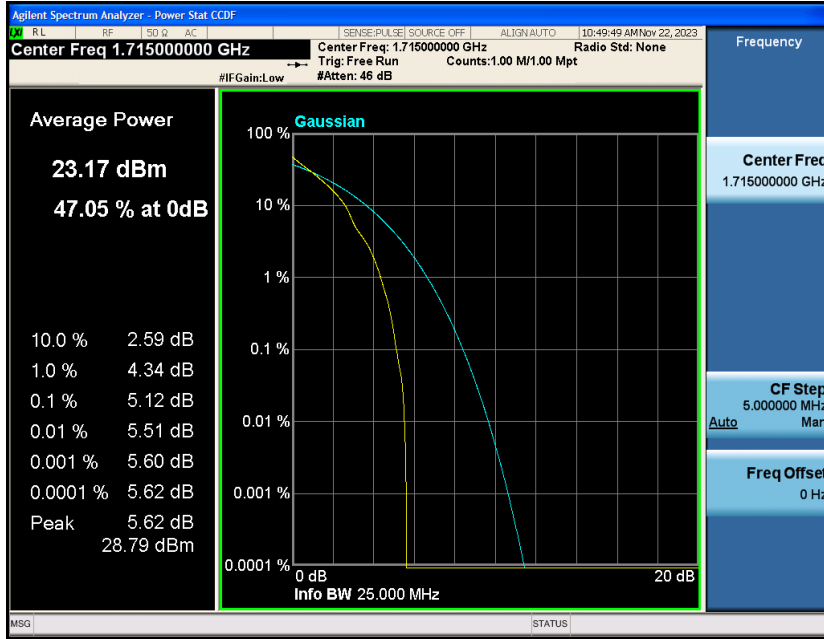
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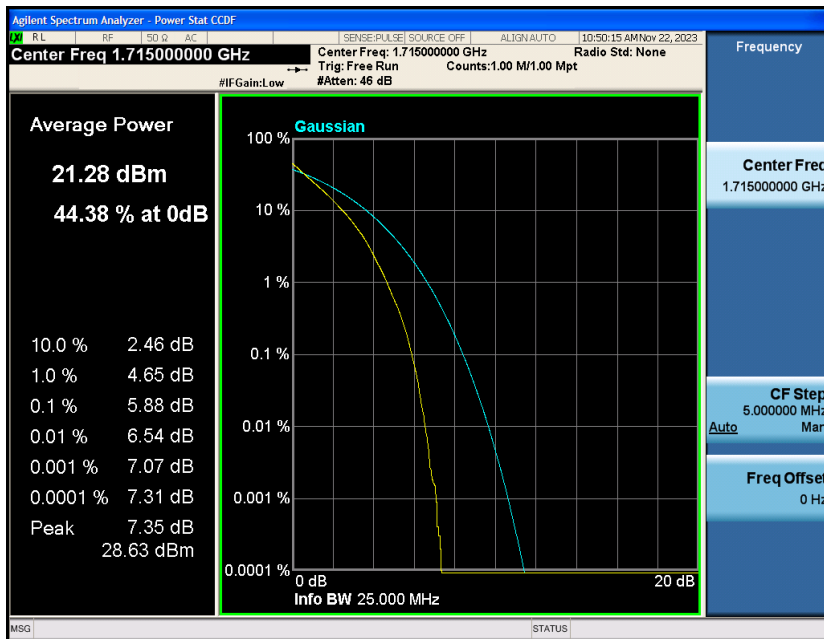
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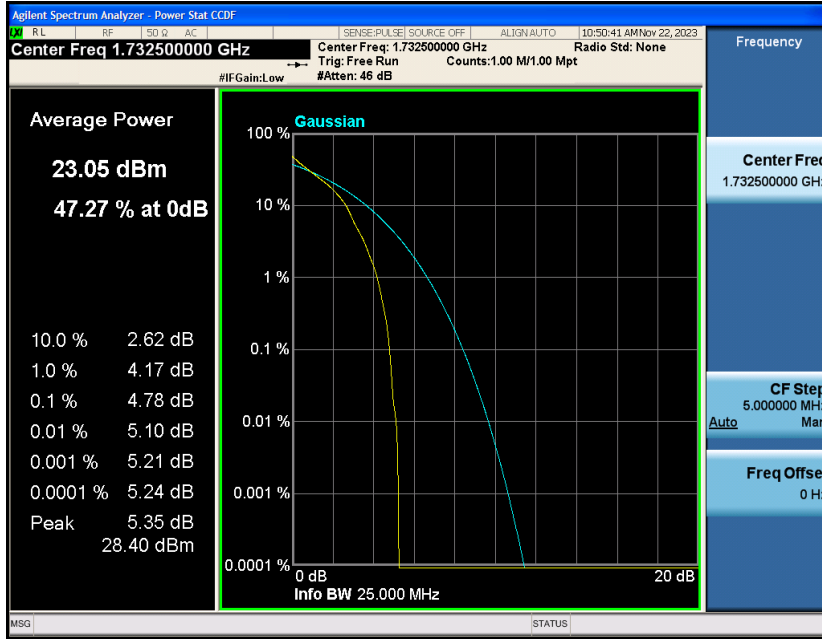
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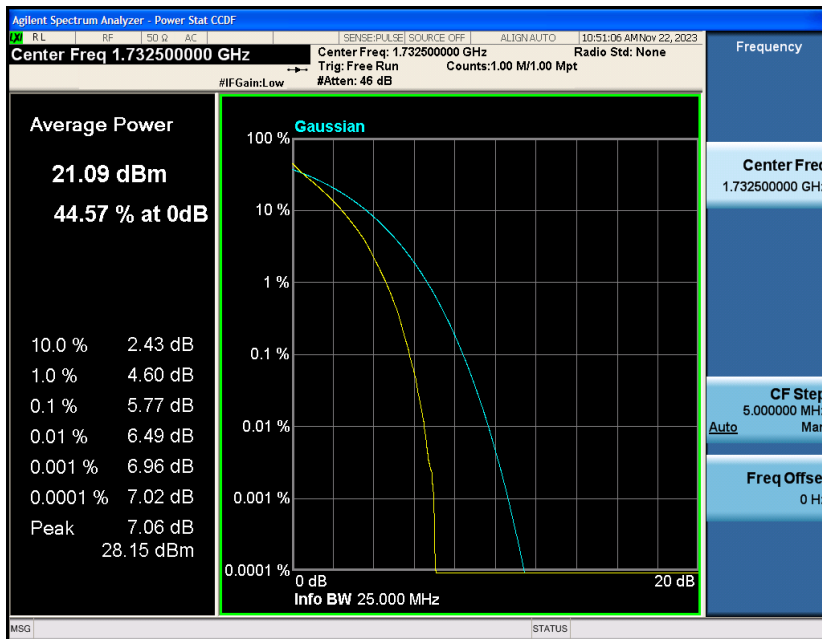
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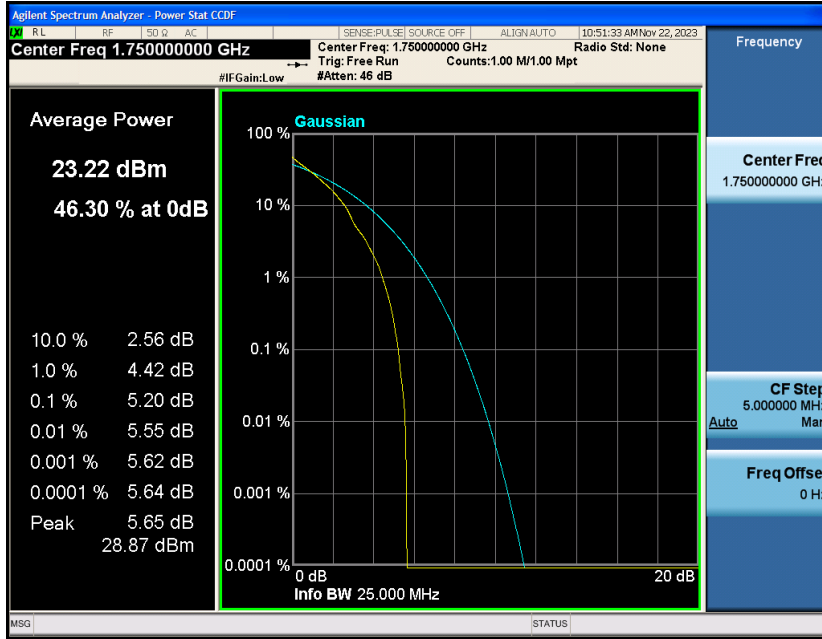
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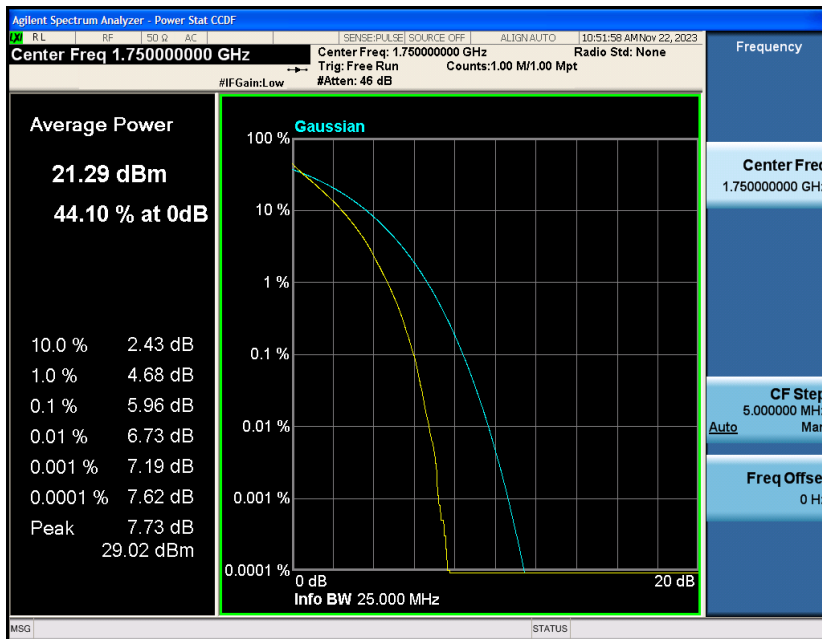
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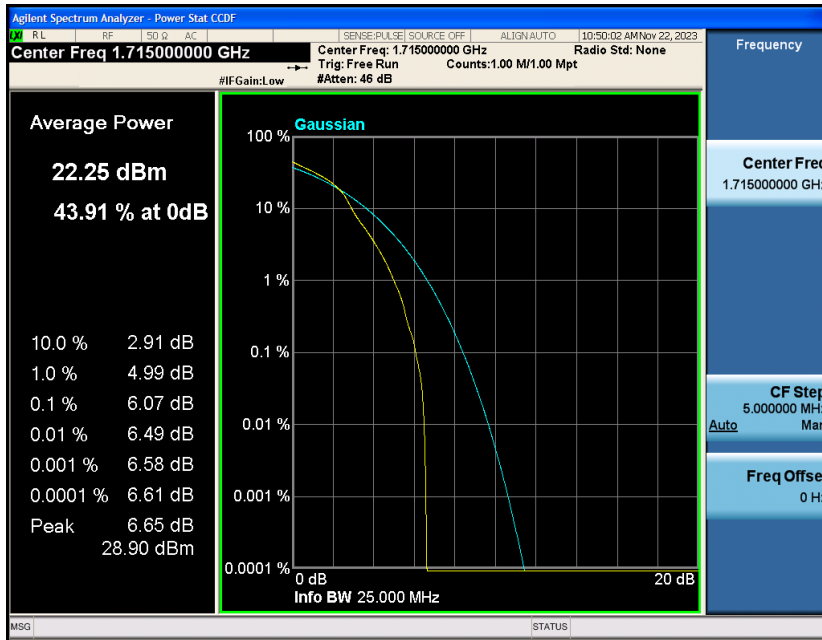
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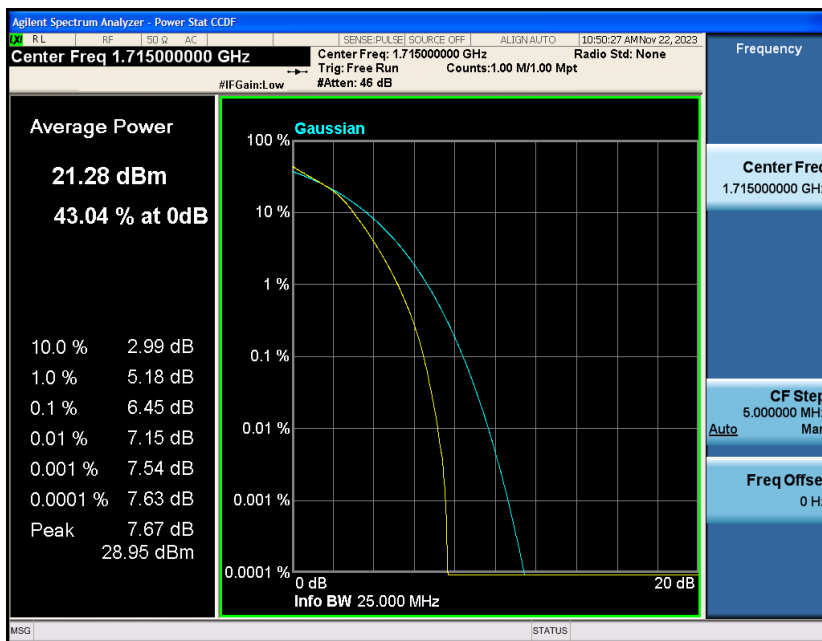
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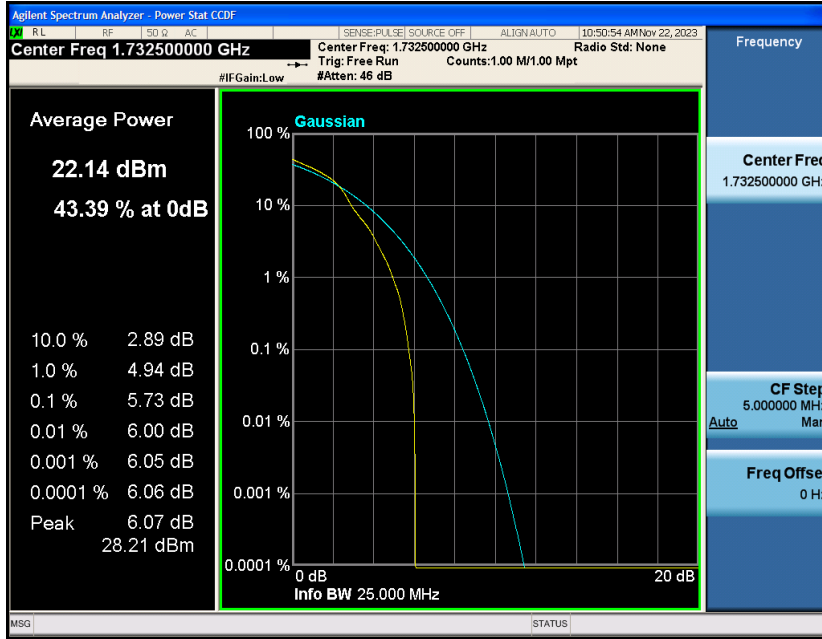
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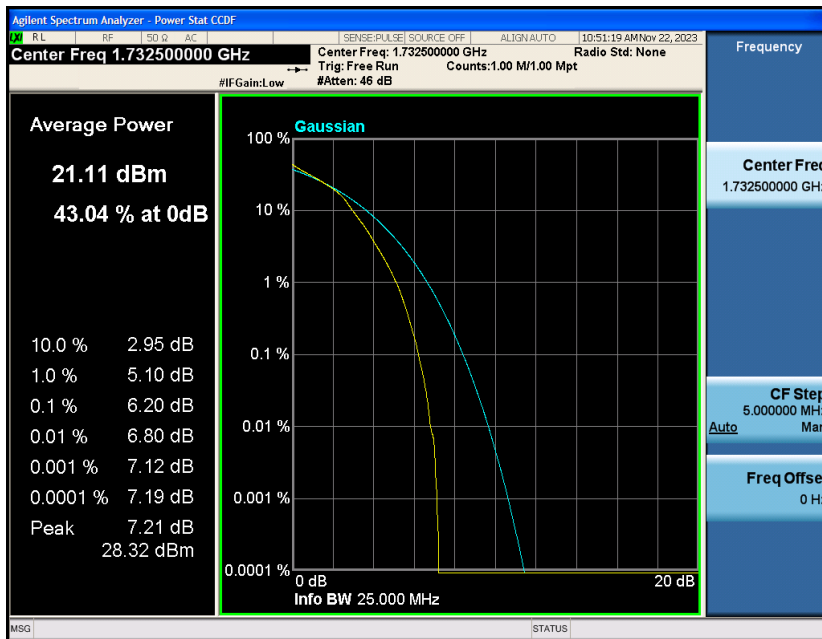
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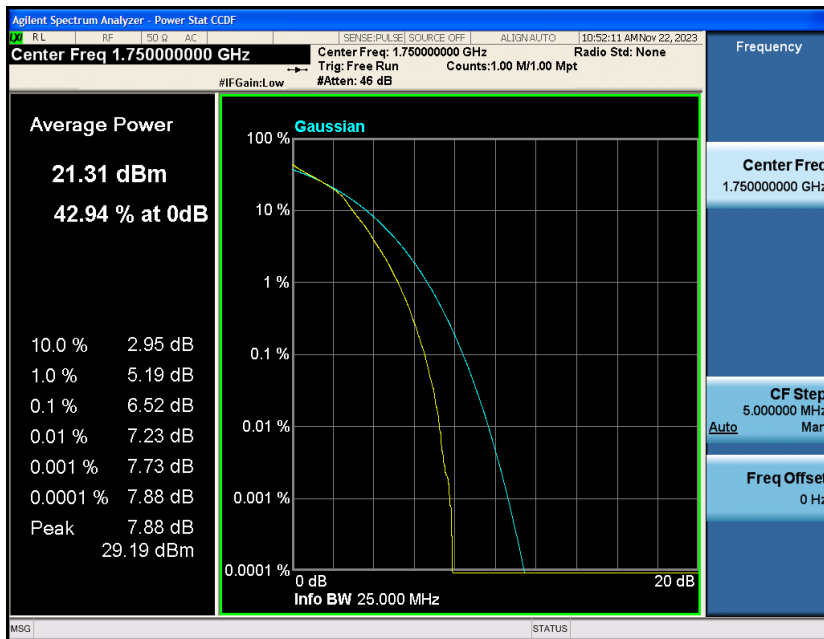
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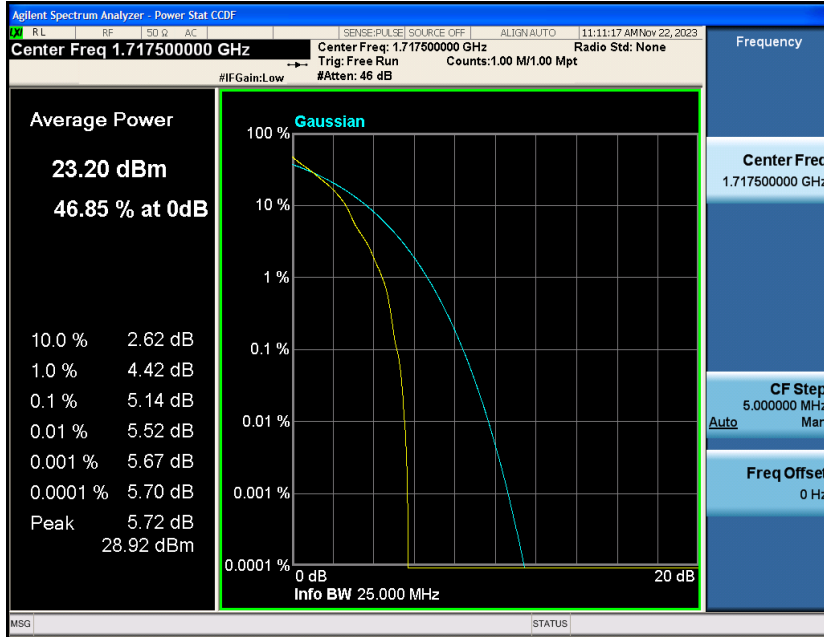
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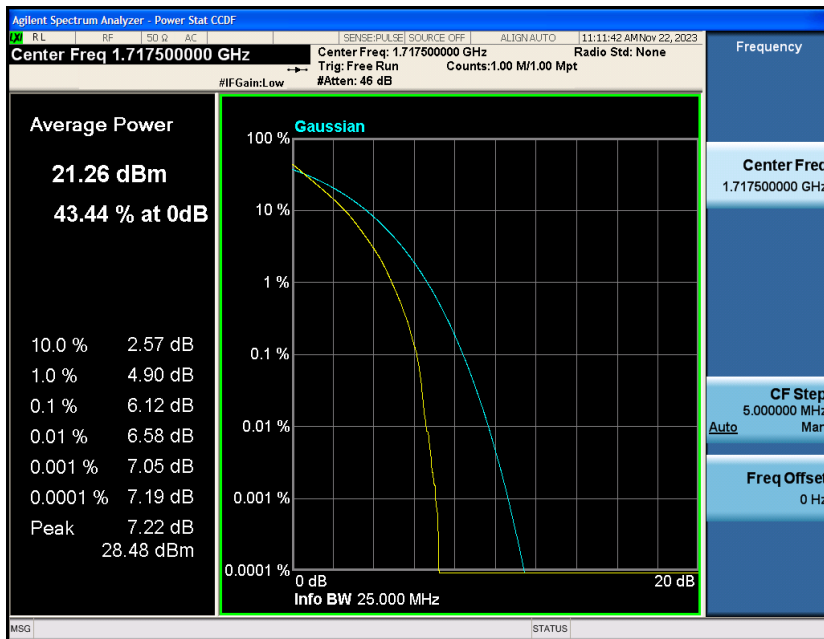
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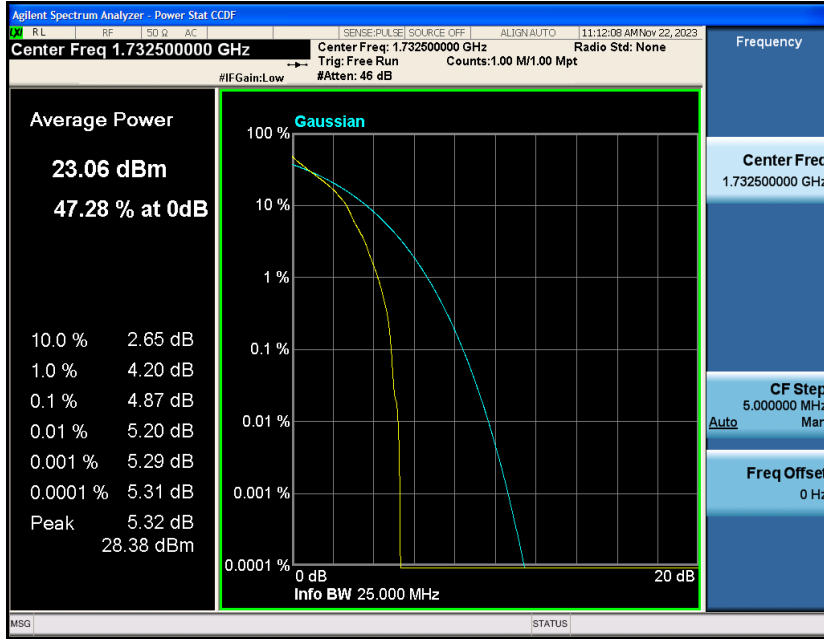
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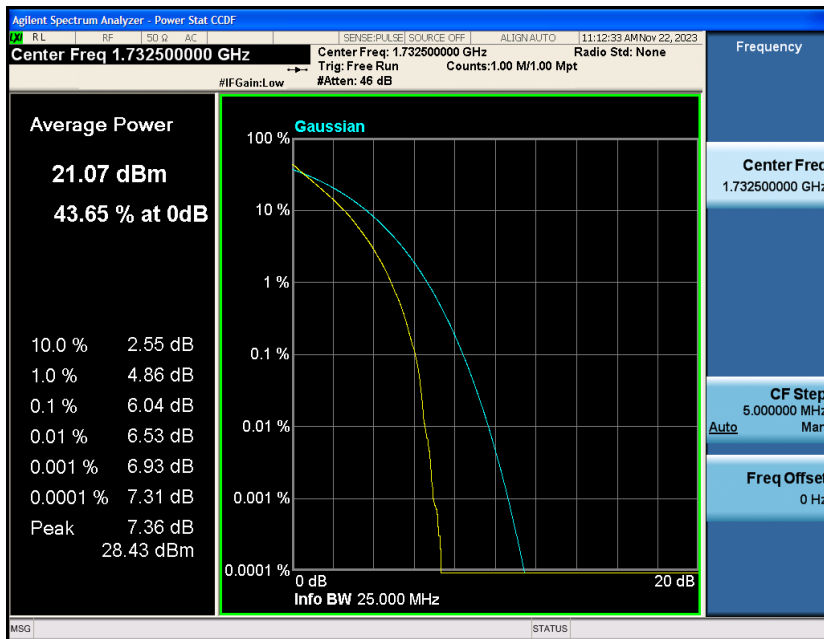
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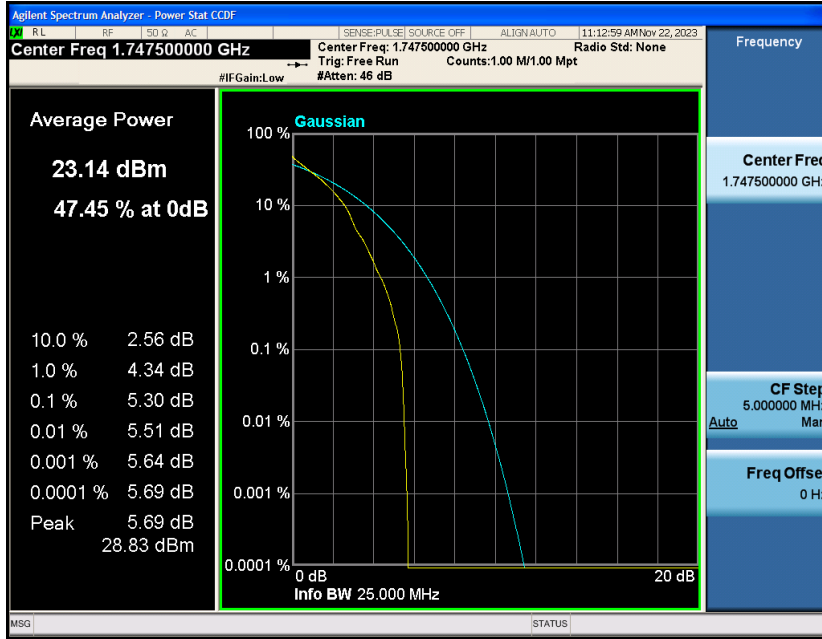
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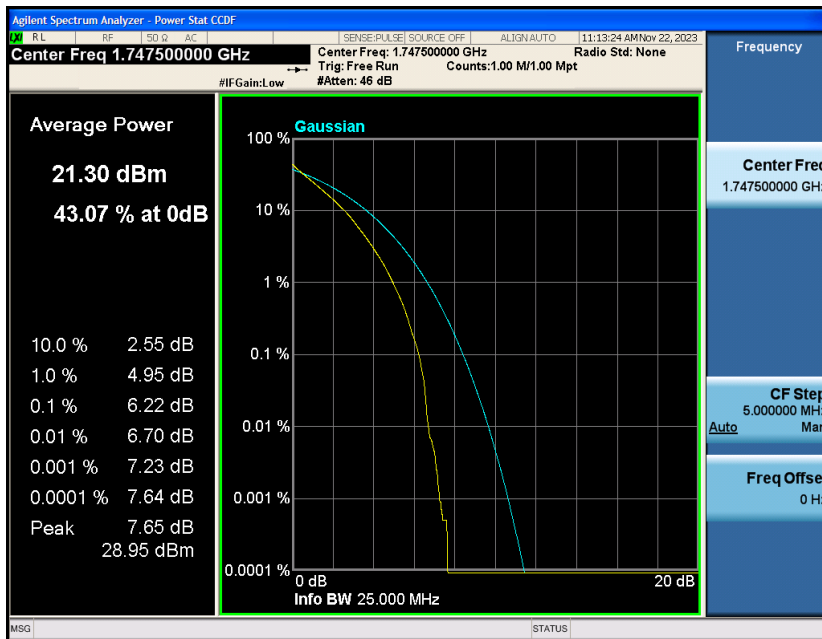
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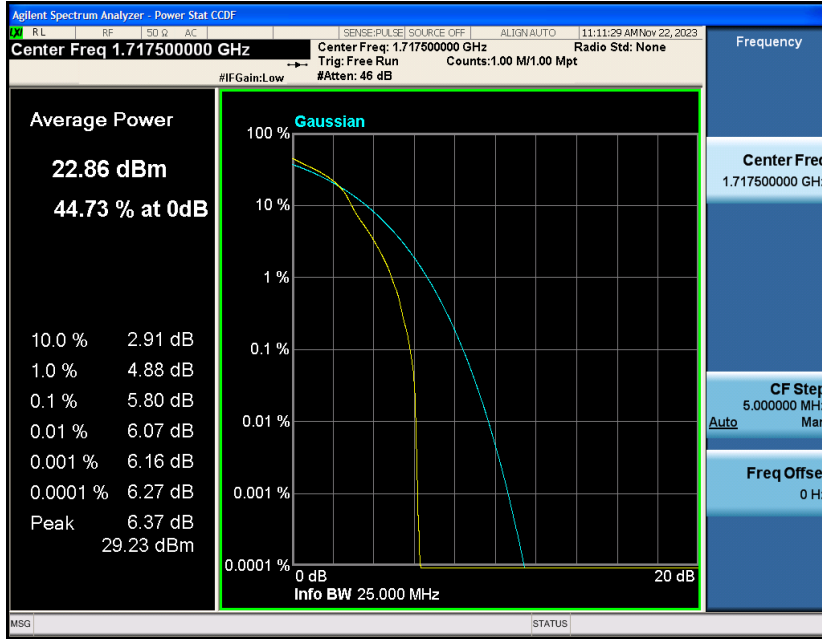
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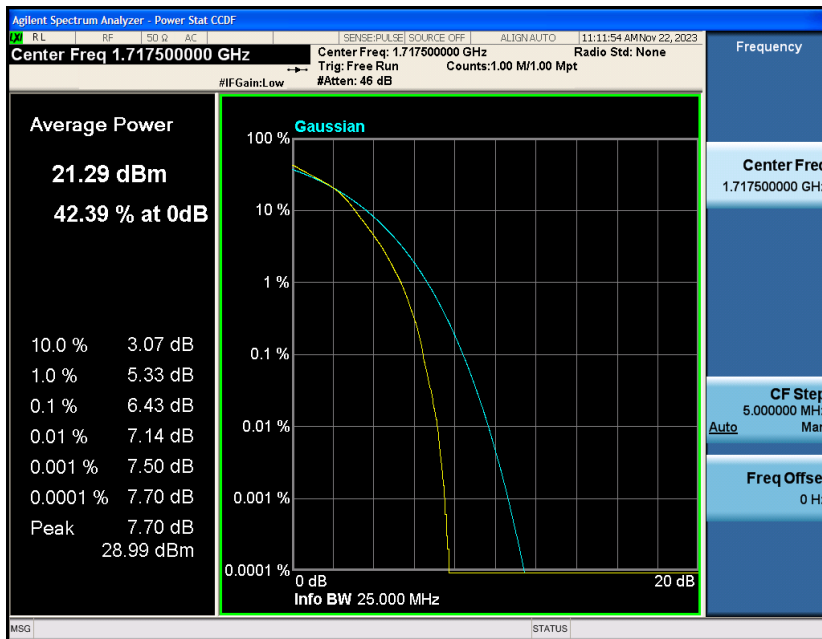
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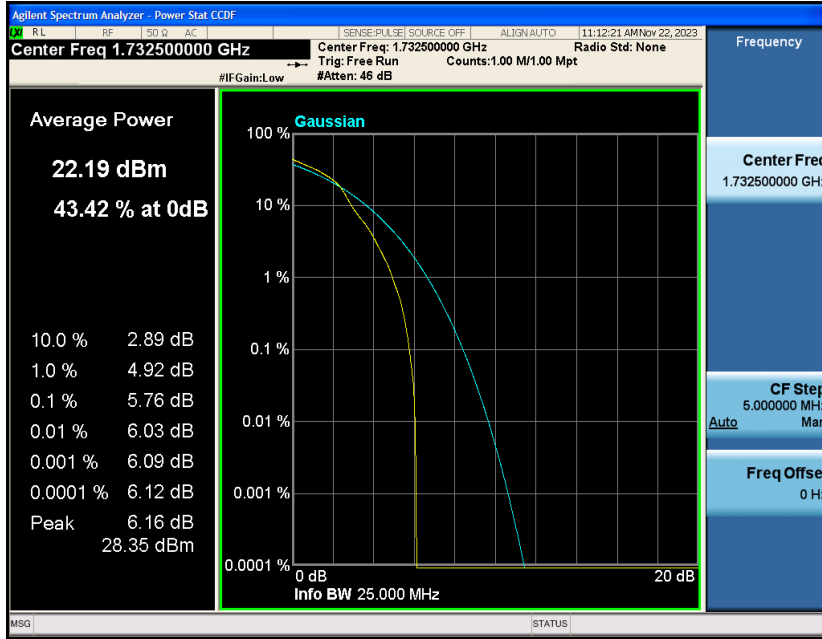
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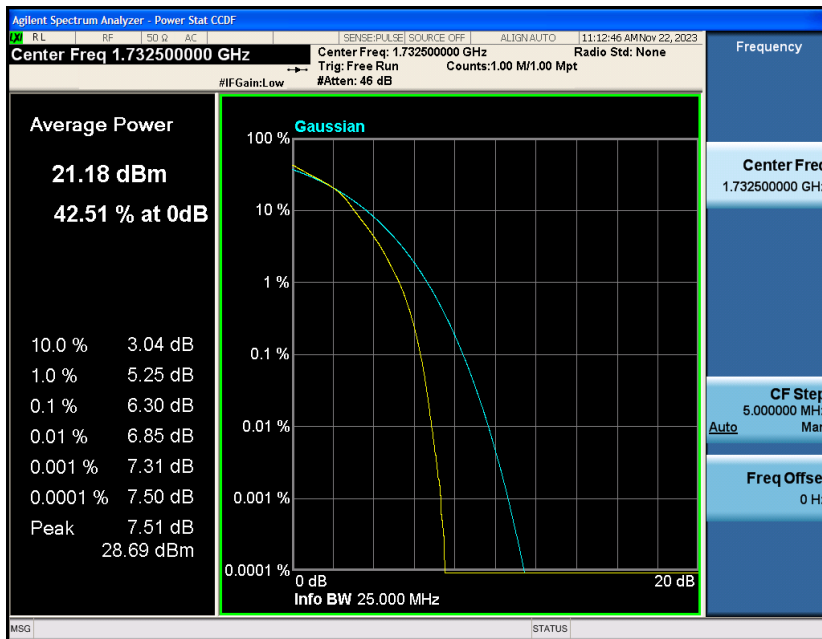
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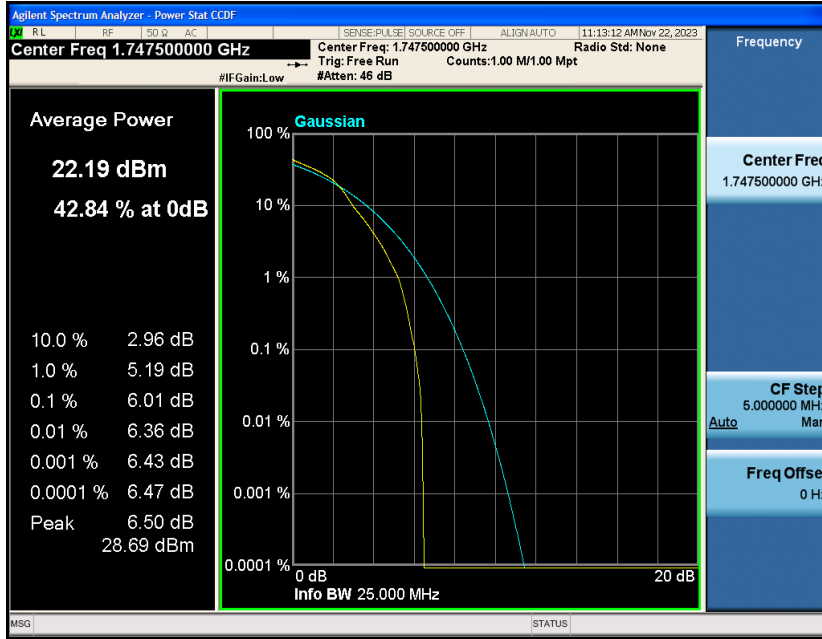
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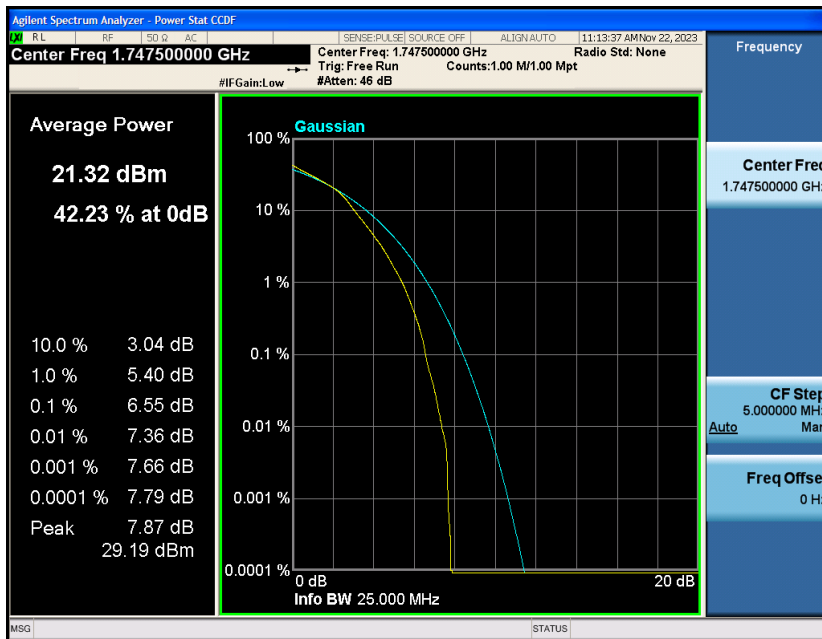
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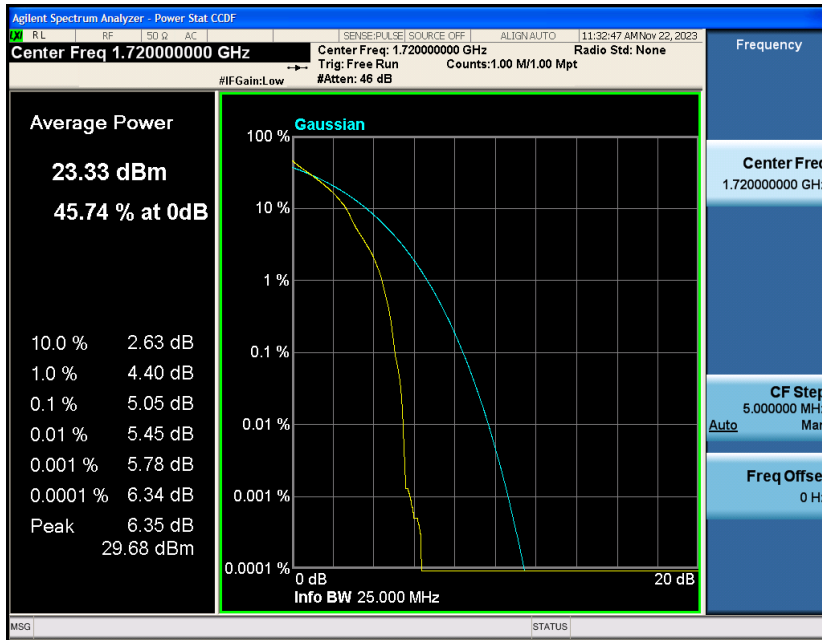
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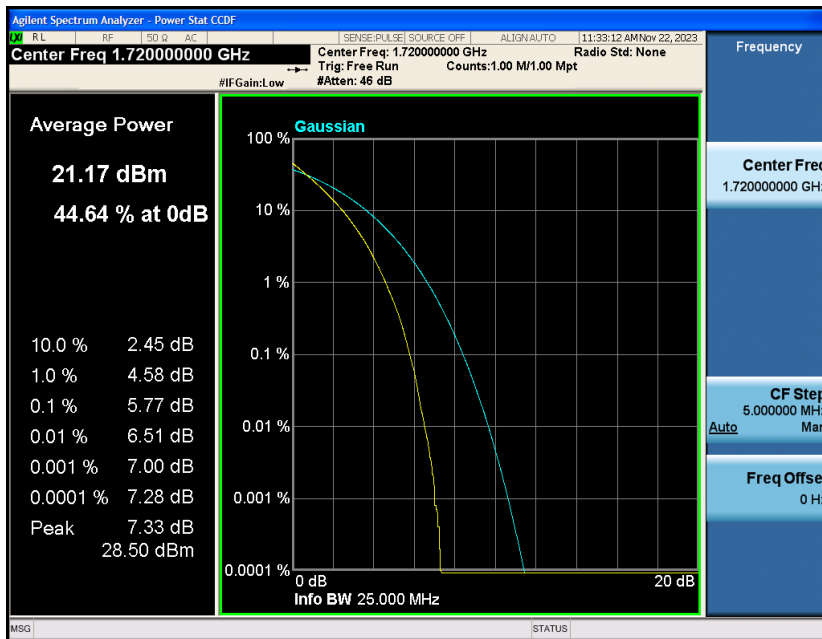
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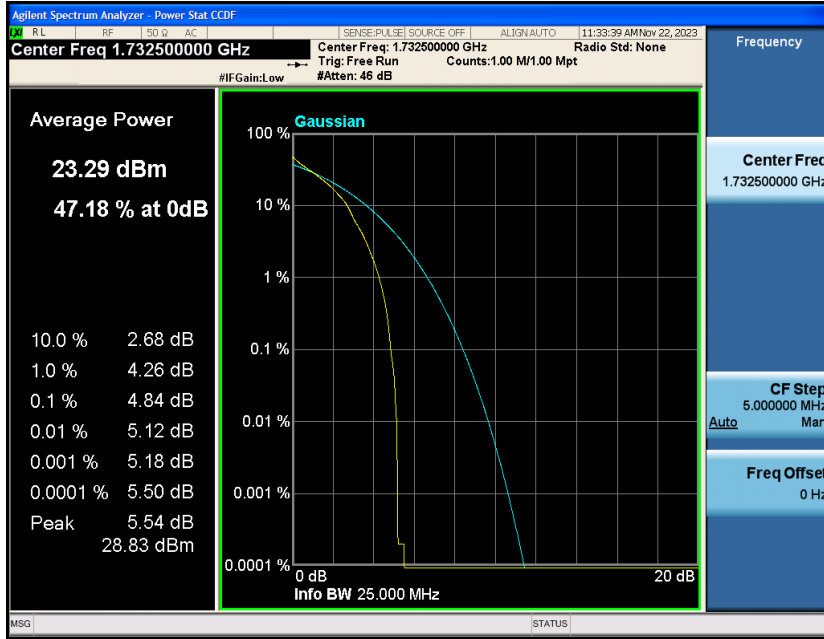
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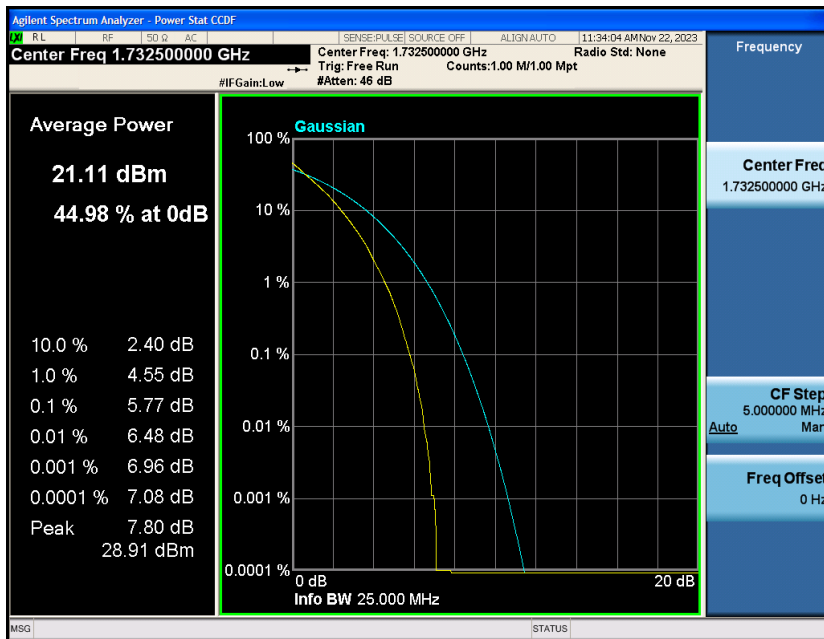
Band4-20MHz-QPSK-20050-100RB#0



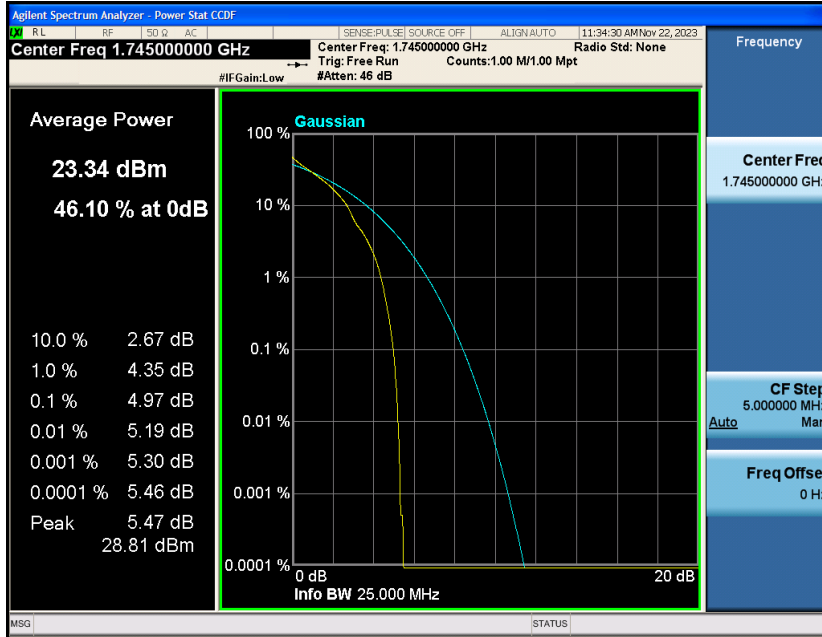
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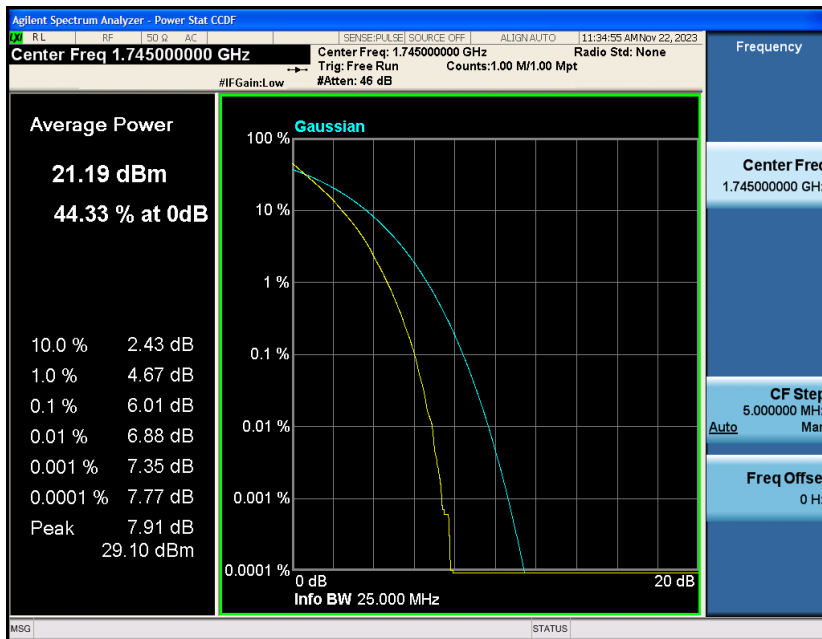
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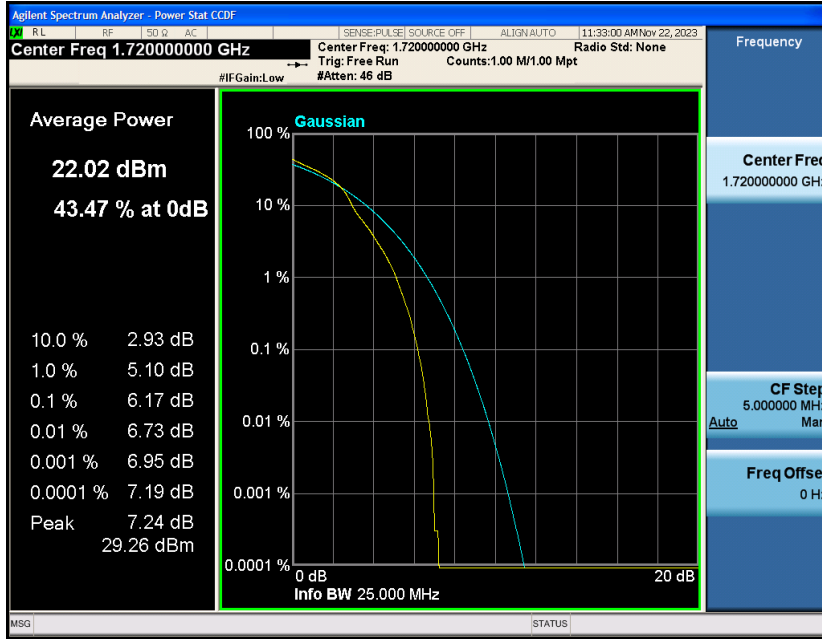
Band4-20MHz-QPSK-20300-1RB#0



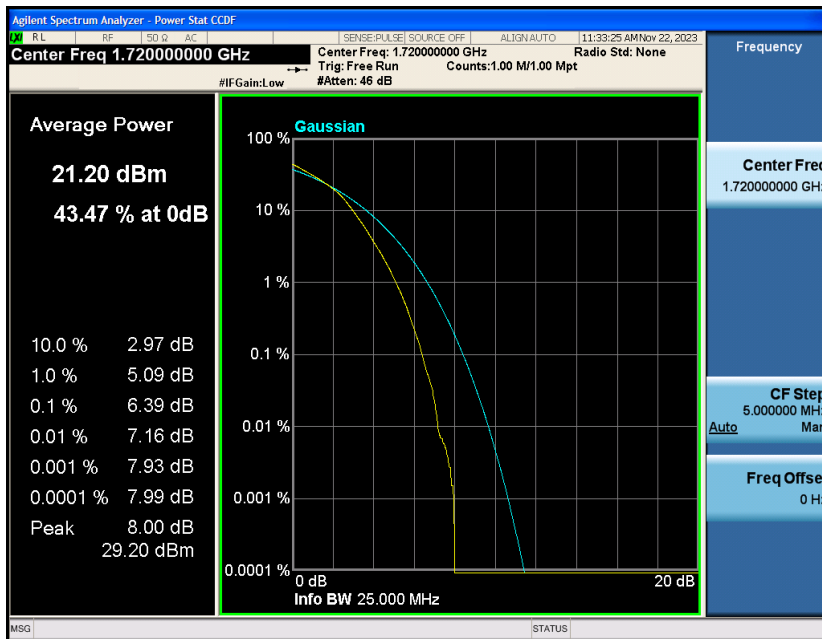
Band4-20MHz-QPSK-20300-100RB#0



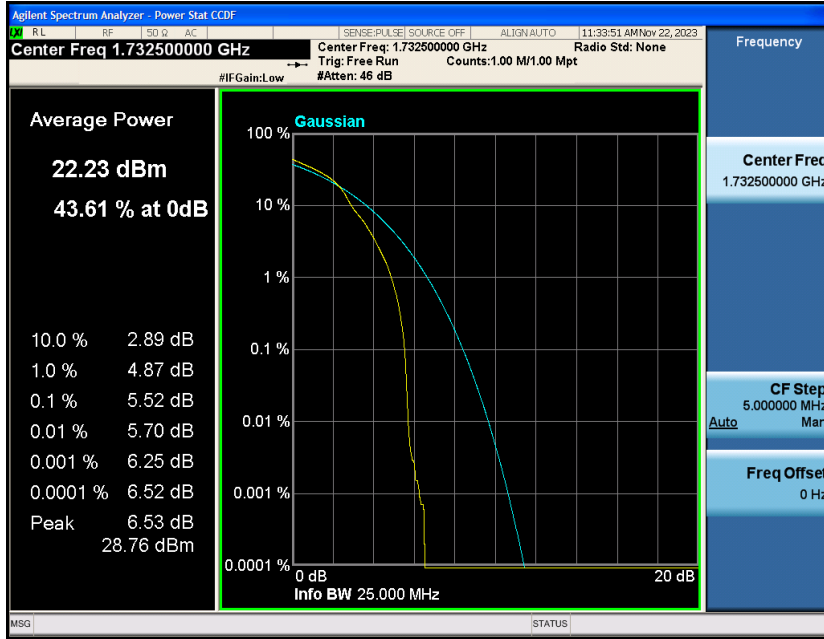
Band4-20MHz-16QAM-20050-1RB#0



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



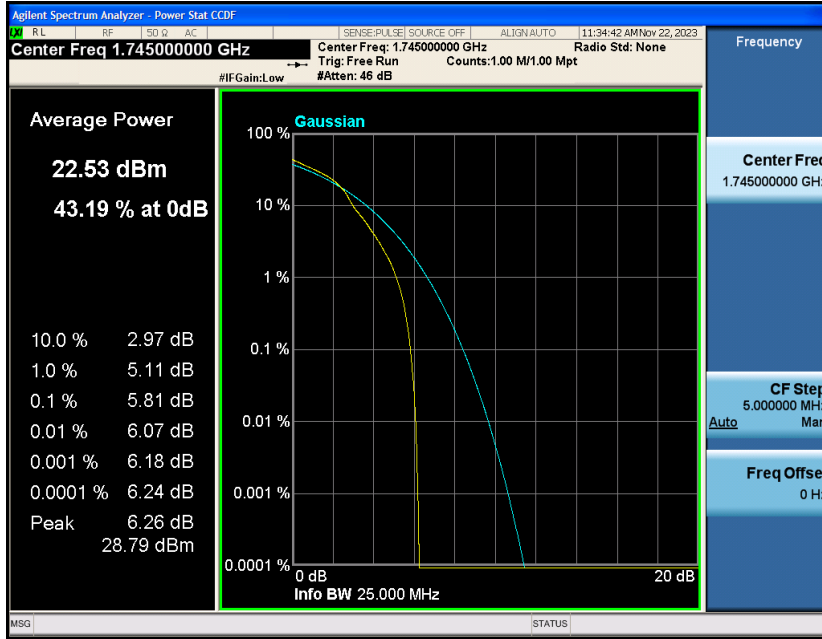
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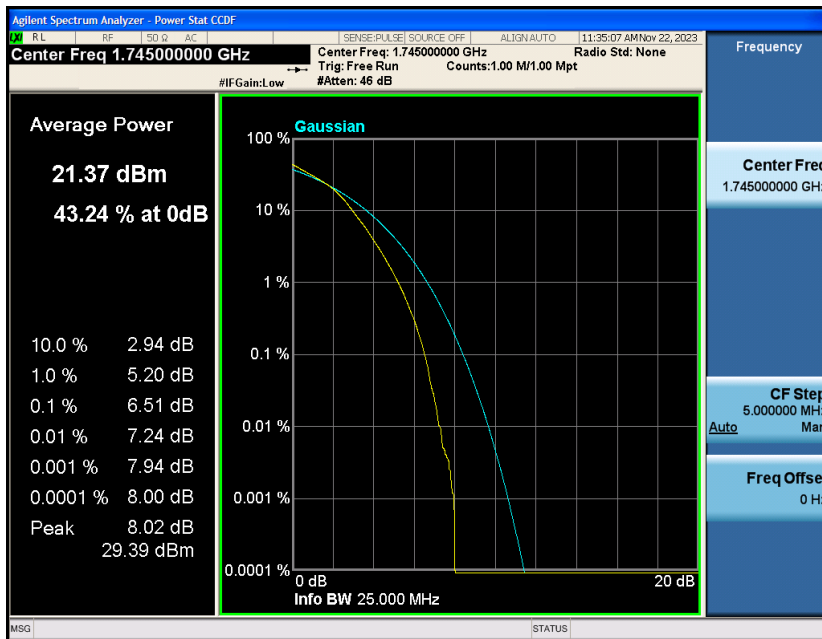
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Band4-20MHz-16QAM-20300-1RB#0



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



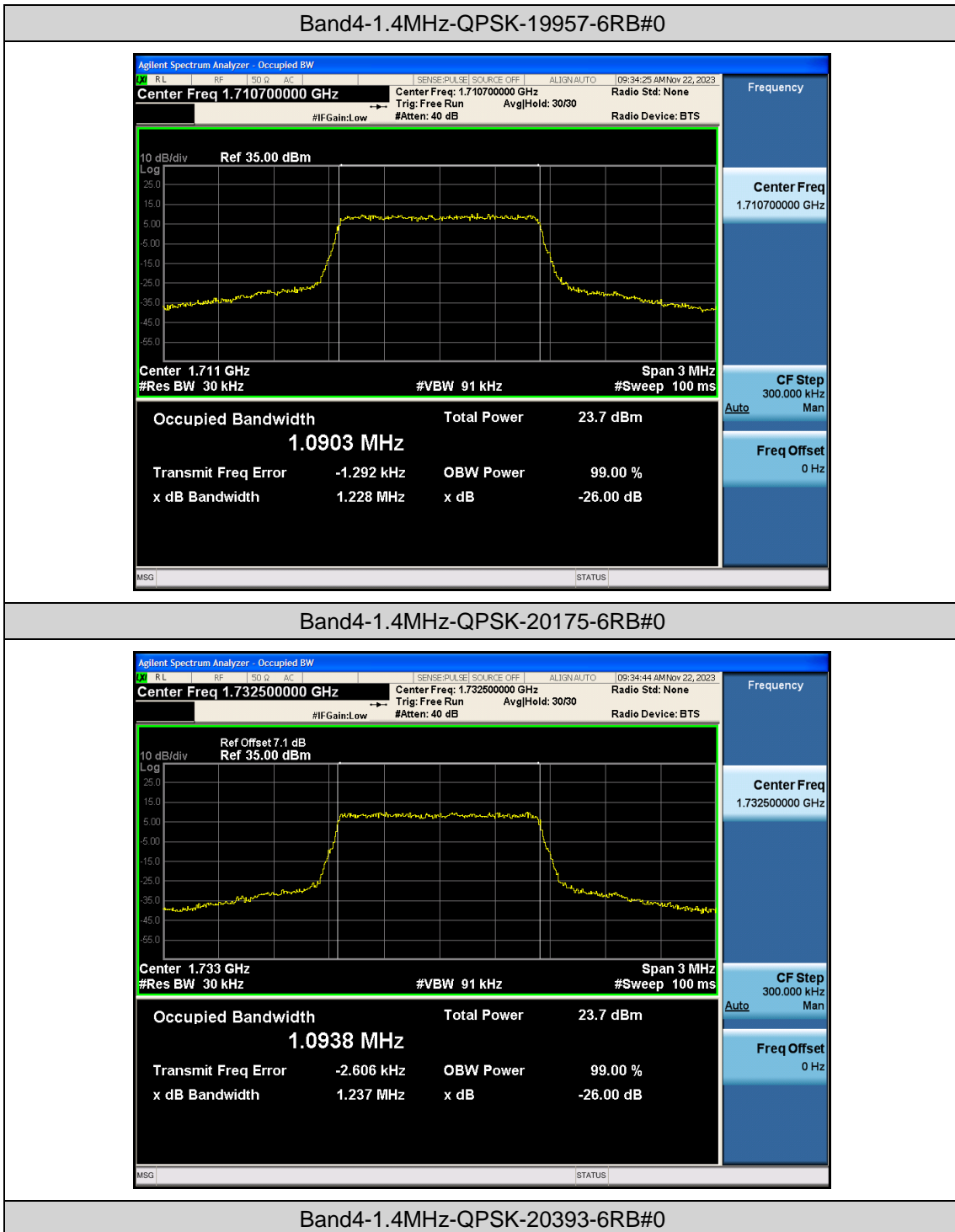
Appendix C: 26dB Bandwidth and Occupied Bandwidth

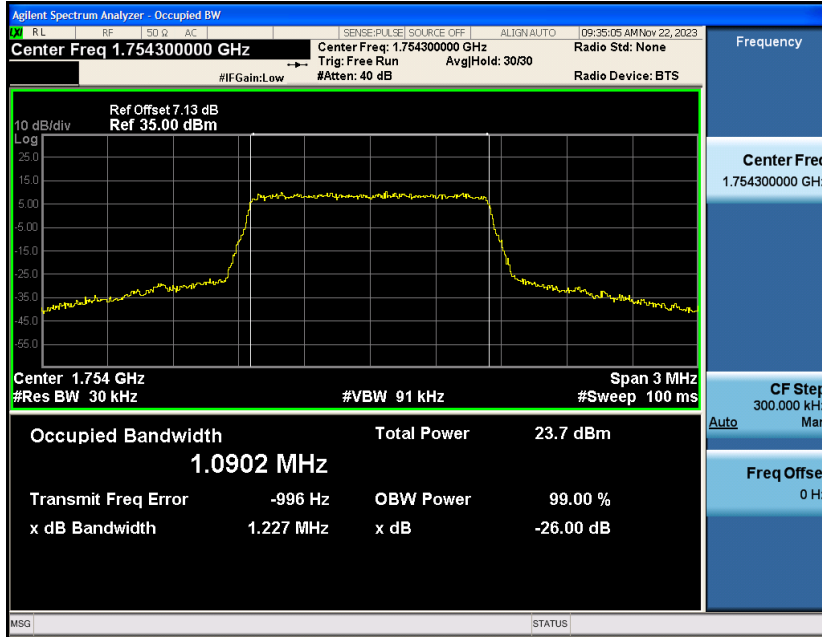
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0903	1.228	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0938	1.237	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0902	1.227	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0914	1.226	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0911	1.238	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0902	1.223	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6948	2.934	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7015	2.957	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6984	2.984	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6941	2.964	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6909	2.982	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6962	2.988	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4954	4.883	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4936	4.895	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4980	4.876	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4990	4.841	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5003	4.924	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4961	4.854	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9868	9.546	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9836	9.596	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9770	9.572	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9736	9.565	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9723	9.603	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9897	9.602	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.471	14.29	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.442	14.28	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.487	14.30	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.456	14.30	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.445	14.32	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.466	14.30	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.945	18.97	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.921	18.99	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.974	19.00	PASS

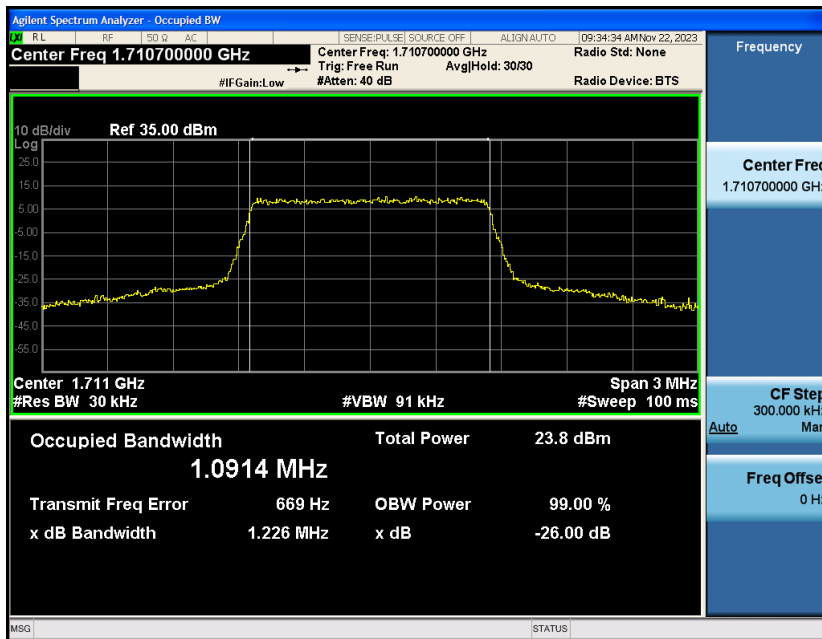
Band4	20MHz	16QAM	20050	100RB#0	17.937	18.98	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.931	19.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.984	18.99	PASS

Test Graphs

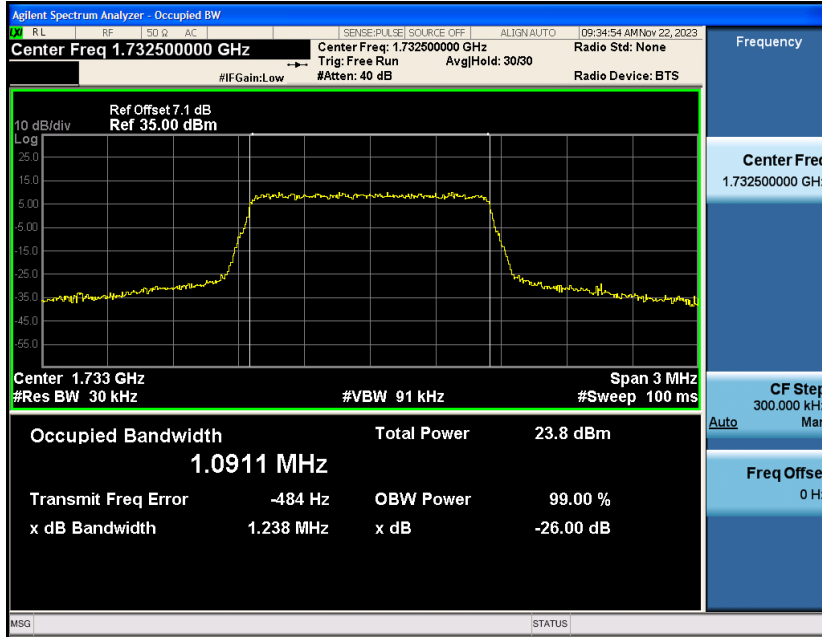




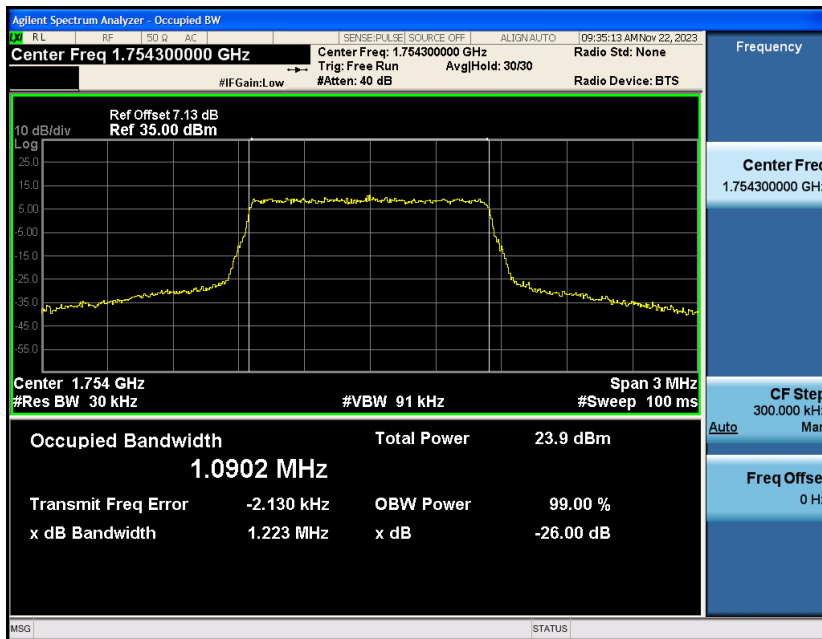
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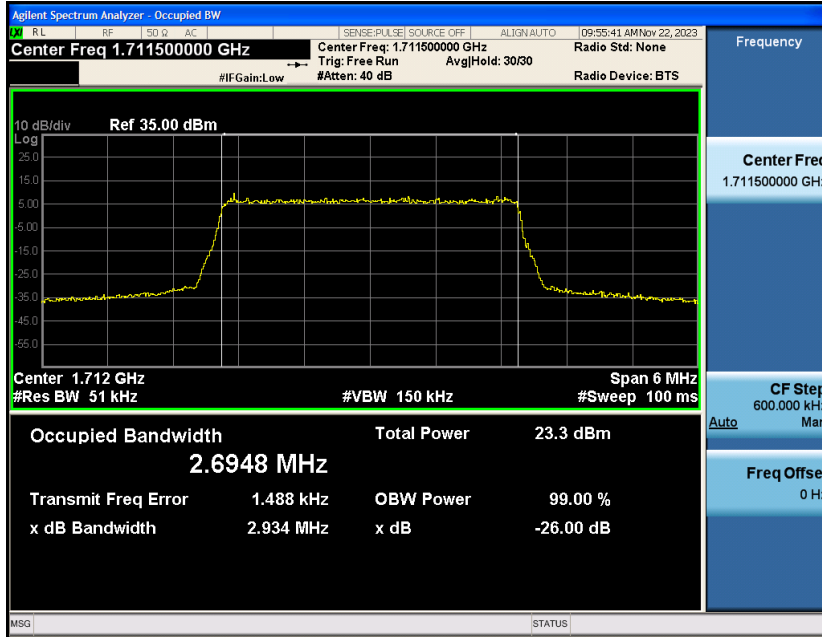
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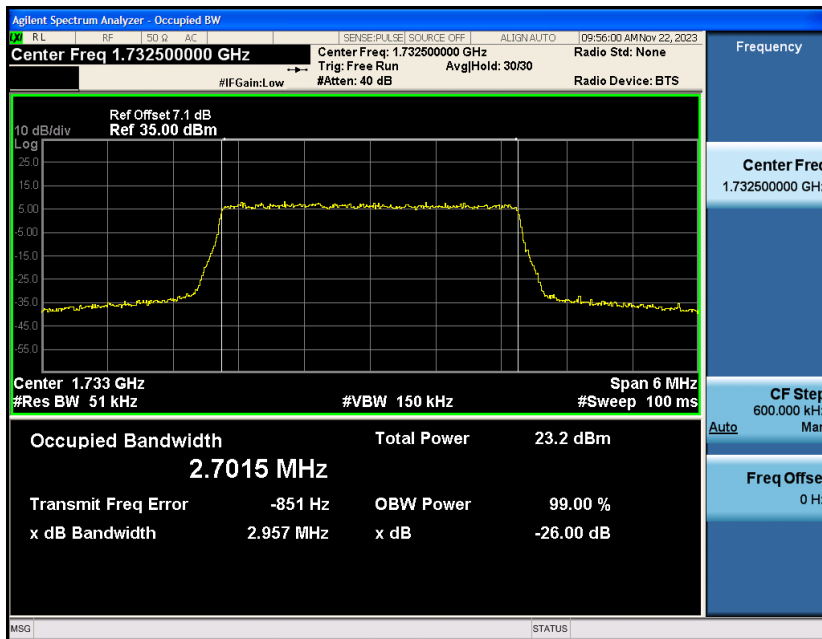
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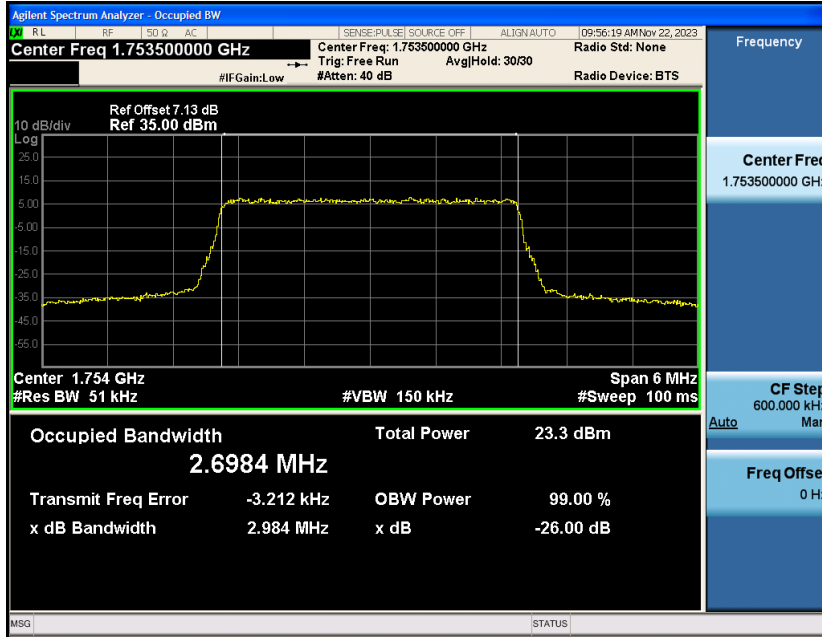
Band4-3MHz-QPSK-19965-15RB#0



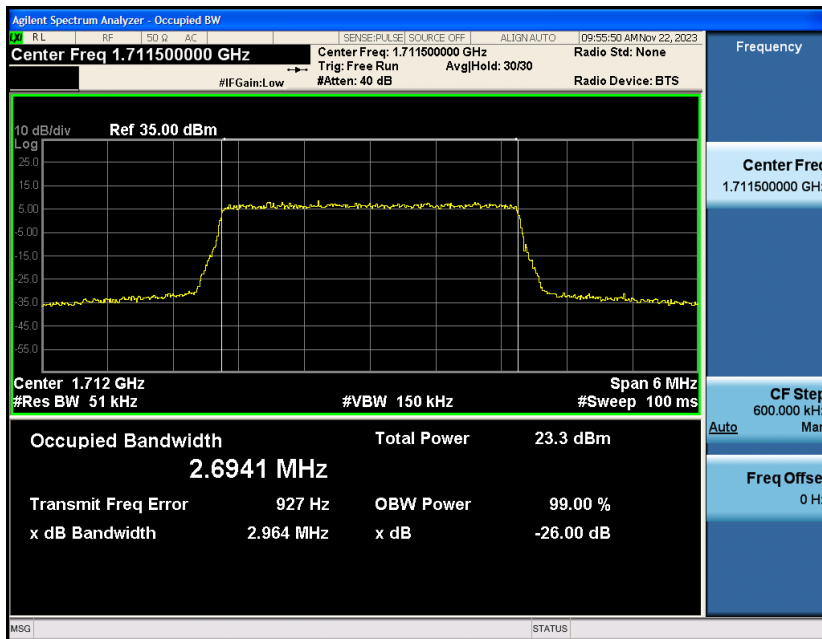
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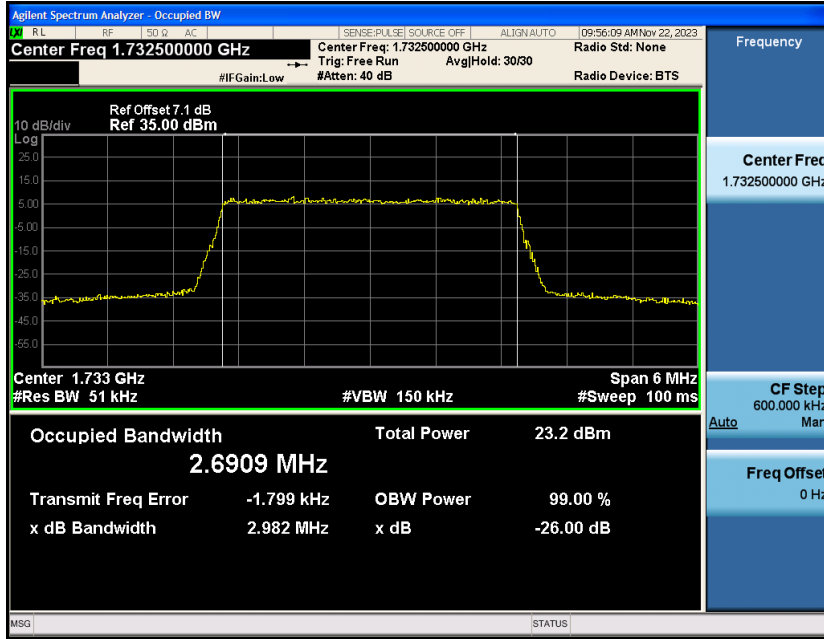
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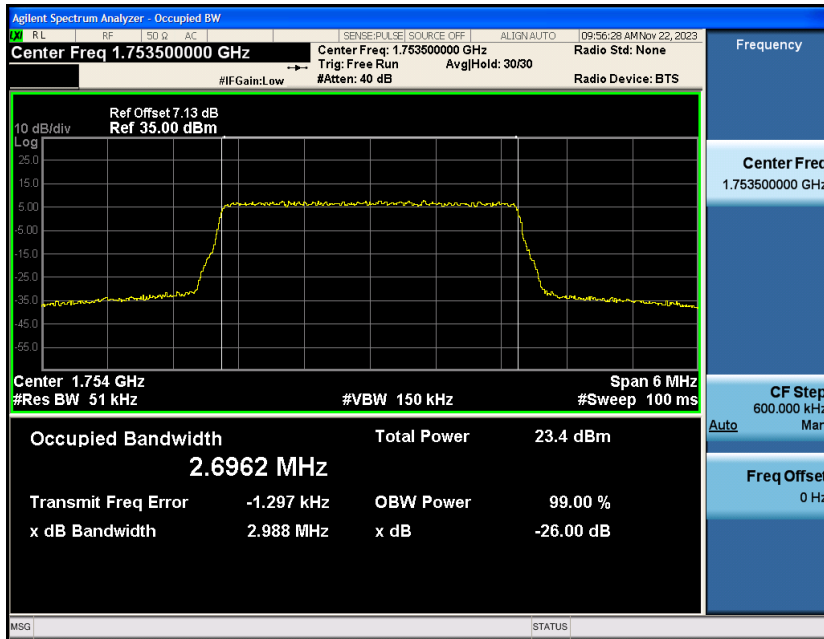
Band4-3MHz-16QAM-19965-15RB#0



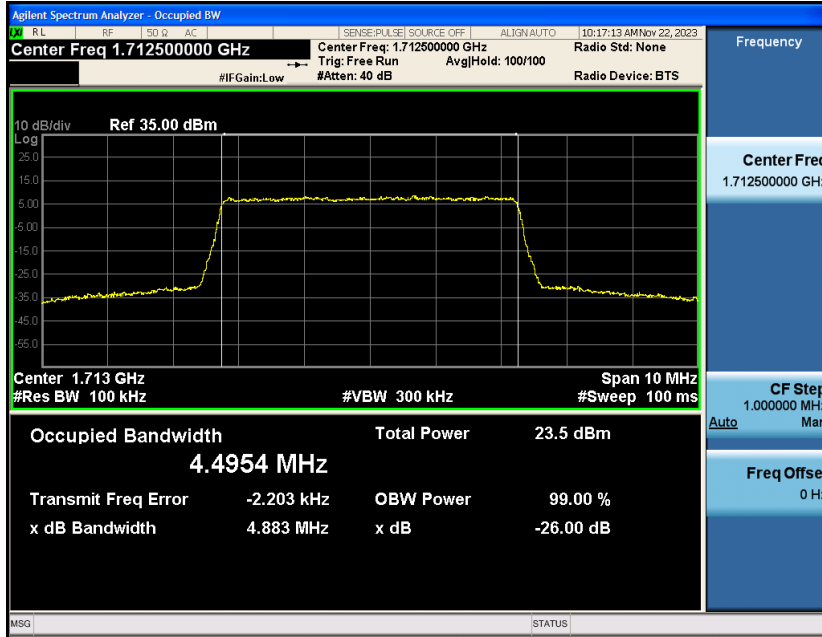
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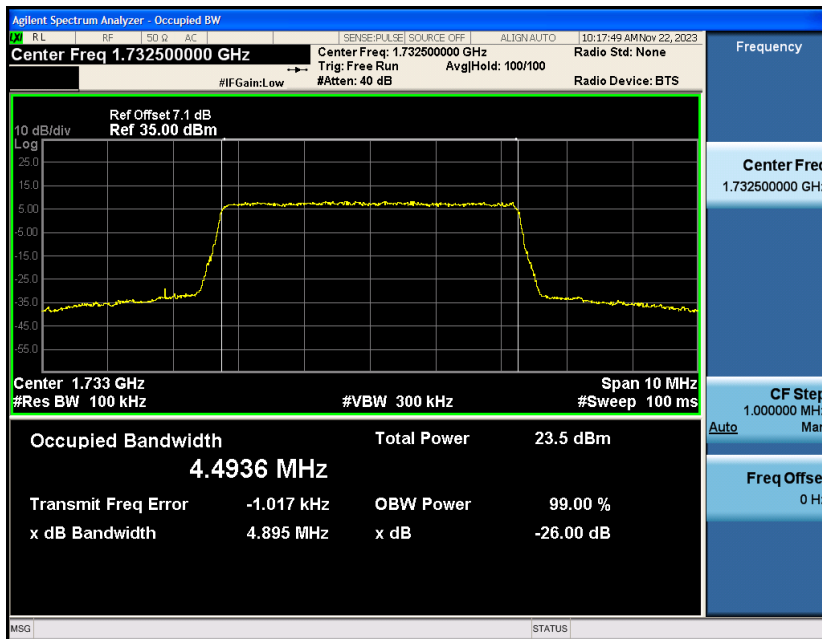
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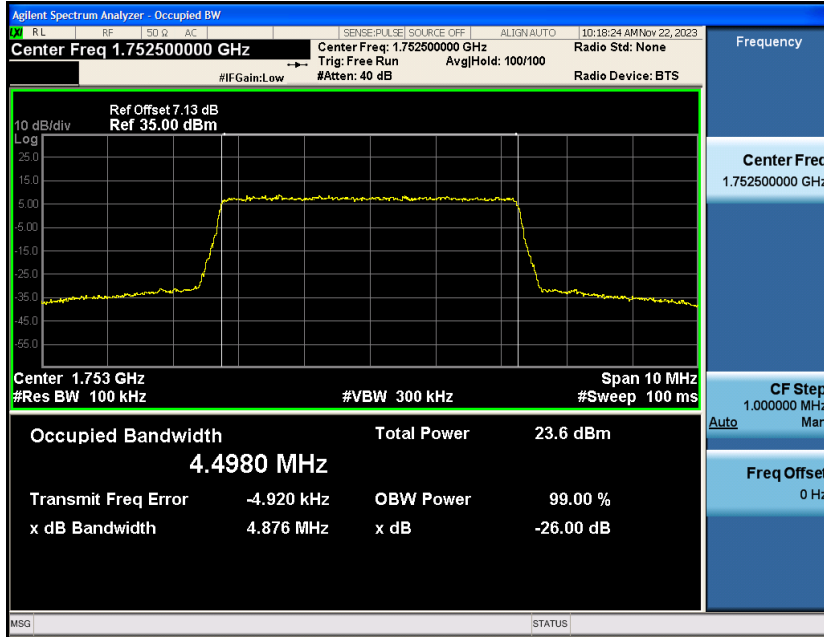
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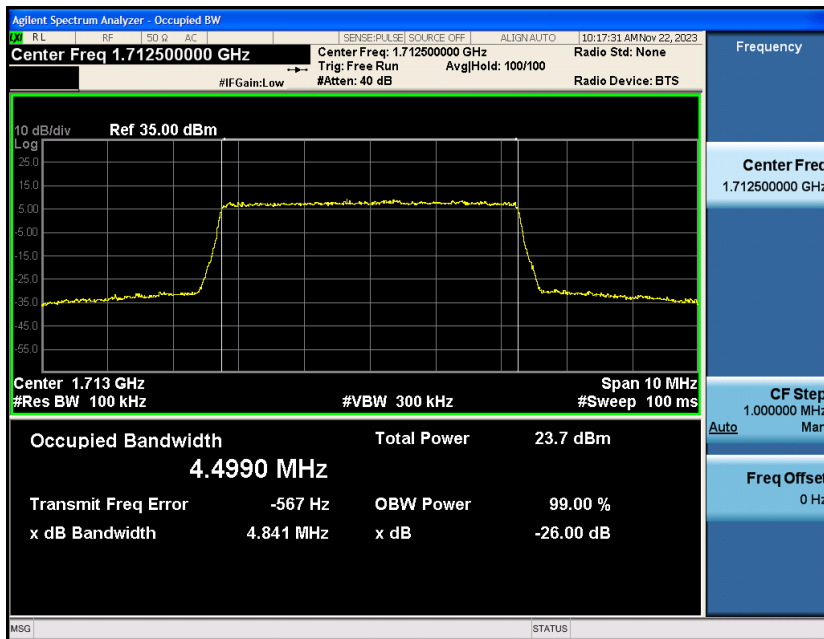
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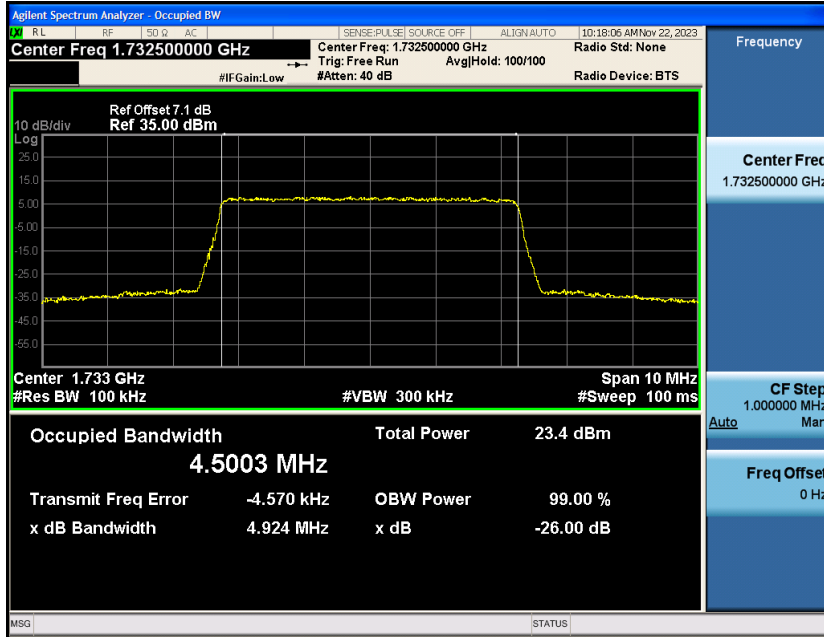
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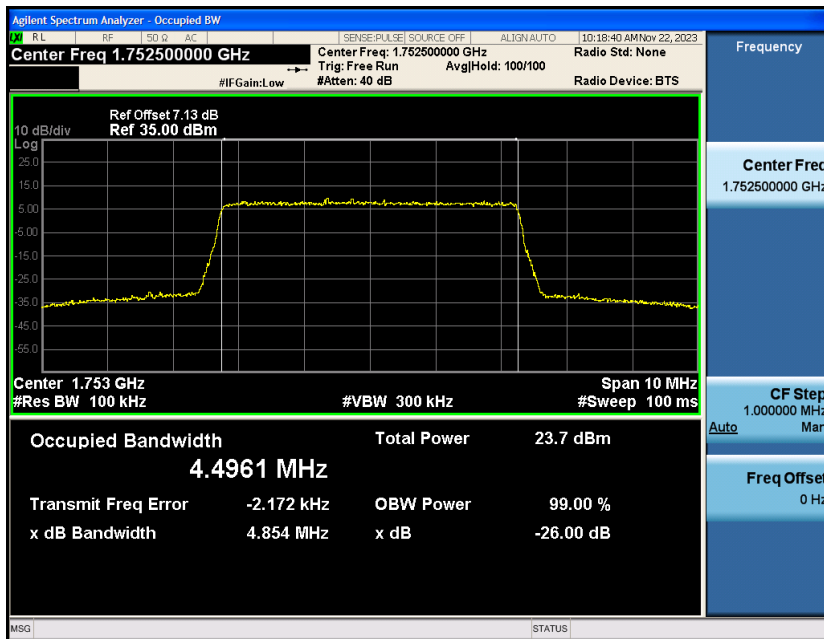
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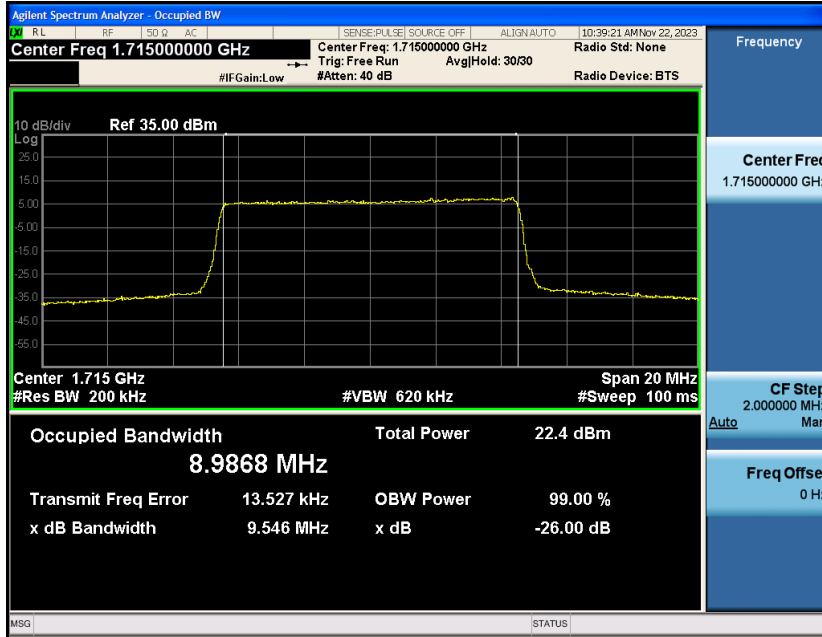
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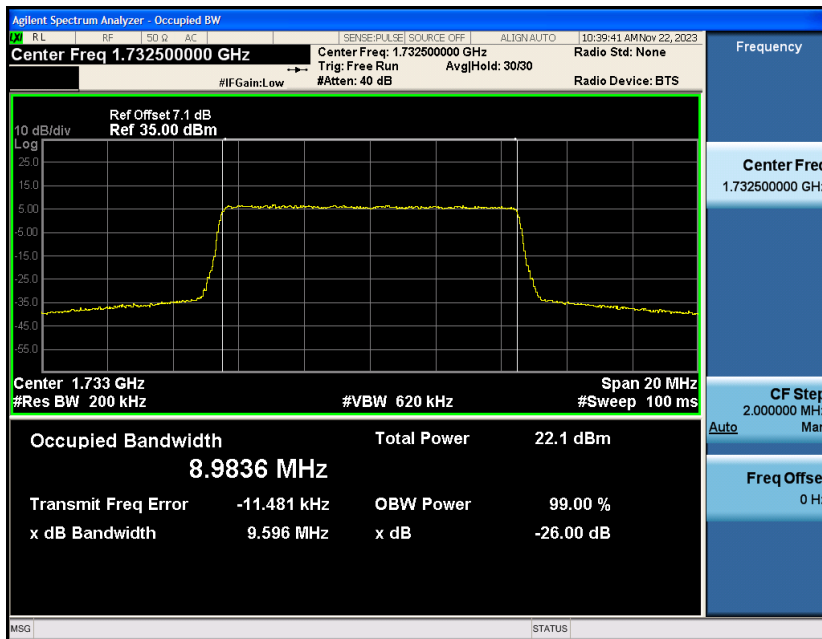
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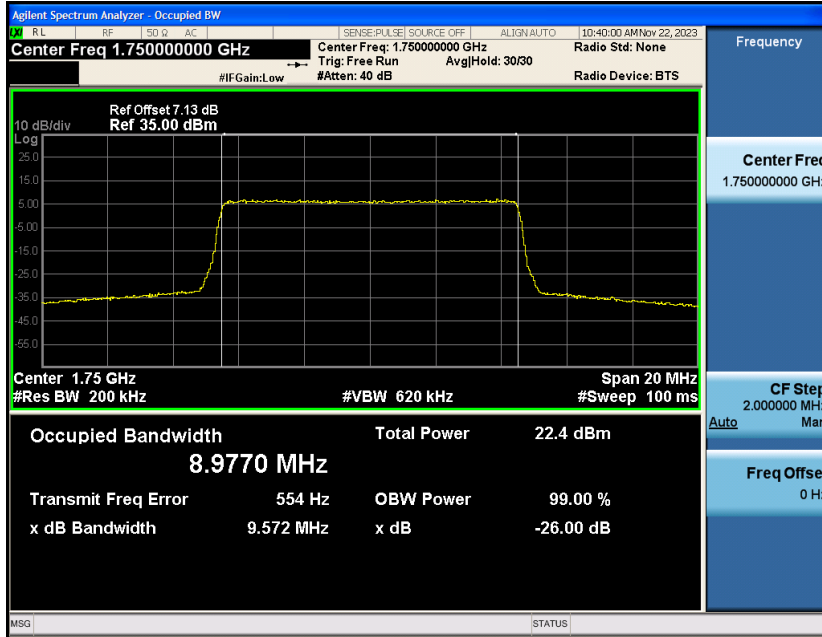
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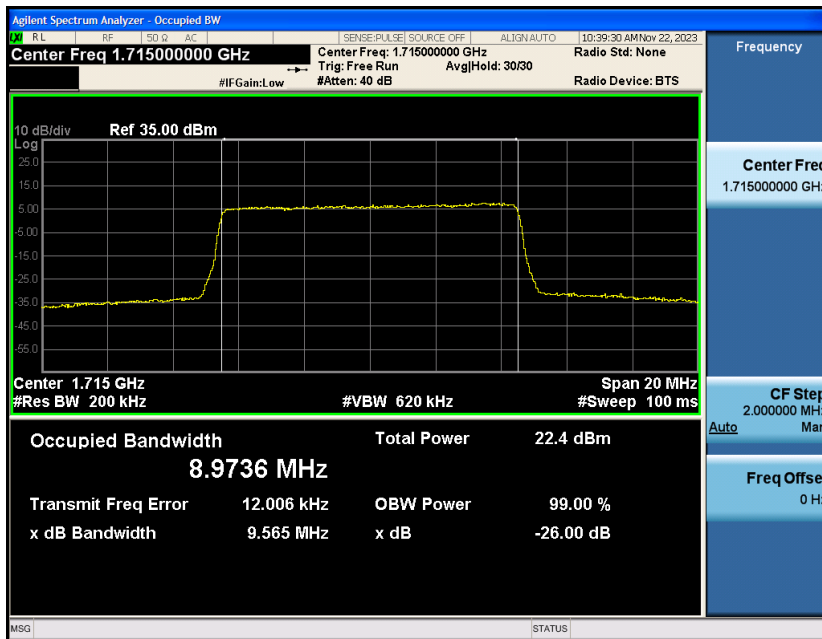
Band4-10MHz-QPSK-20175-50RB#0



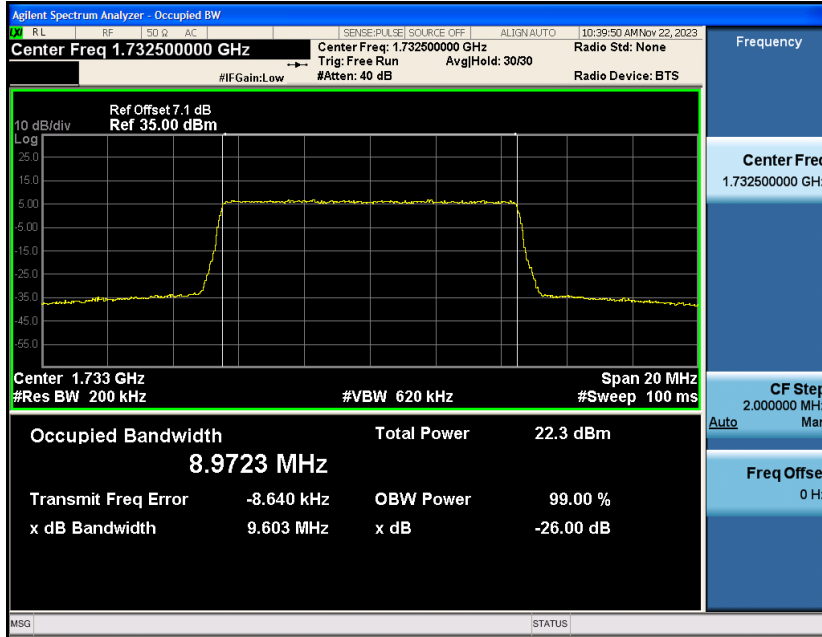
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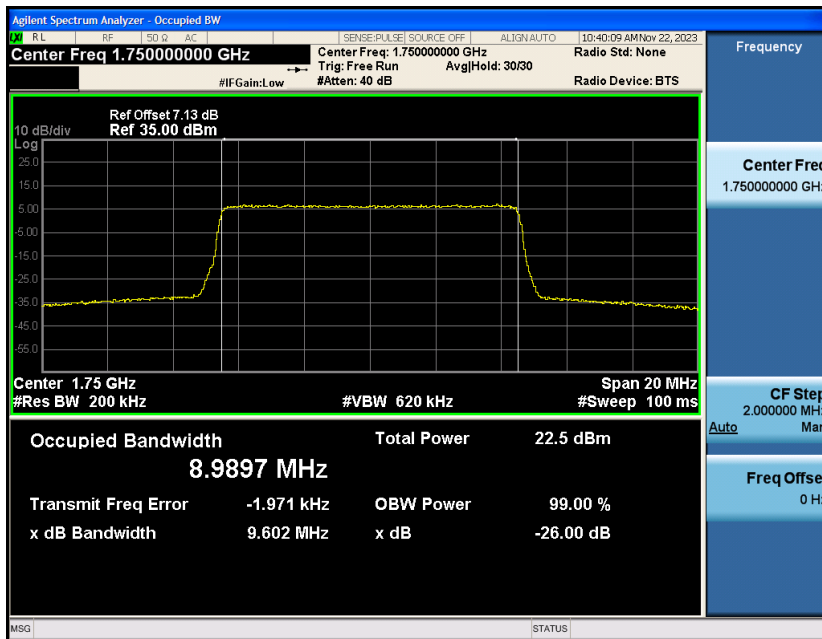
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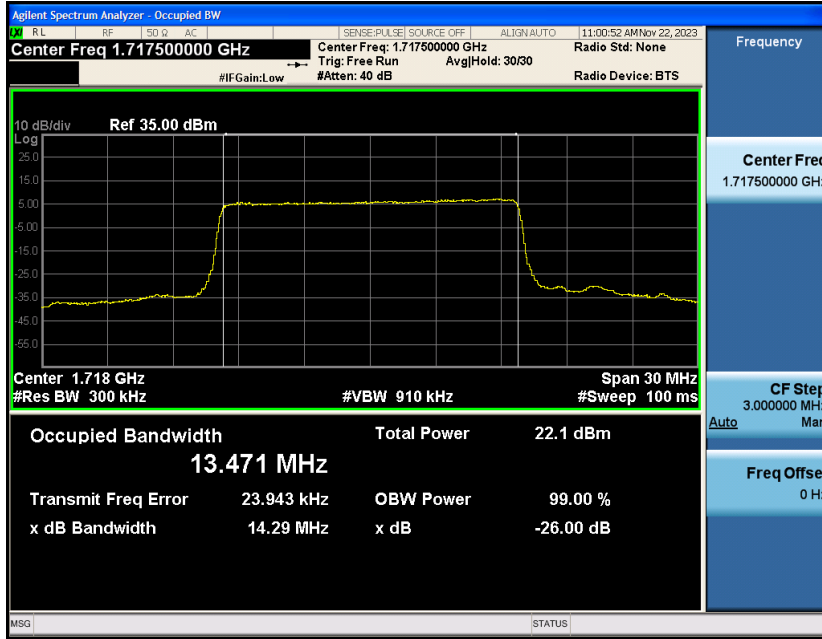
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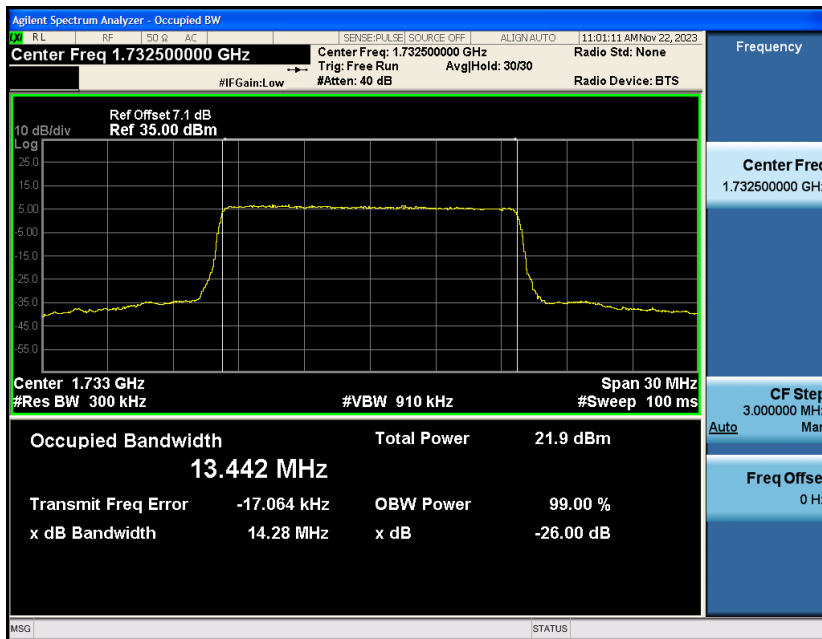
Band4-10MHz-16QAM-20350-50RB#0



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



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



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