

# RF Test Data for LTE\_Band4 Conducted Measurement

**FCC ID:2A7DX-WAVE6**

**Product Name:Smart phone**

**Test Model:WAVE 6C**

## Environmental Conditions

Temperature:	21°C
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
Band4	1.4MHz	QPSK	19957	1RB#0	22.97	24.55	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.82	24.4	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.91	24.49	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.04	24.62	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.05	24.63	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.03	24.61	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.95	22.53	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.47	24.05	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.48	24.06	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.47	24.05	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.49	24.07	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.49	24.07	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.45	24.03	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.49	22.07	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.69	24.27	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.68	24.26	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.67	24.25	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.56	24.14	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.57	24.15	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.54	24.12	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.55	22.13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.13	23.71	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.84	24.42	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.85	24.43	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.52	23.1	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.59	23.17	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.54	23.12	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.02	22.6	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.10	22.68	PASS



Band4	1.4MHz	16QAM	20175	1RB#2	21.08	22.66	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.04	22.62	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.20	22.78	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.25	22.83	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.20	22.78	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.66	22.24	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.07	23.65	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.64	24.22	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.64	24.22	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.46	23.04	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.45	23.03	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.57	23.15	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.65	22.23	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.96	24.54	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.92	24.5	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.90	24.48	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.04	22.62	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.02	22.6	PASS
Band4	3MHz	QPSK	19965	8RB#7	20.91	22.49	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.91	22.49	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.49	24.07	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.50	24.08	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.47	24.05	PASS
Band4	3MHz	QPSK	20175	8RB#0	20.48	22.06	PASS
Band4	3MHz	QPSK	20175	8RB#4	20.46	22.04	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.51	22.09	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.45	22.03	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.55	24.13	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.60	24.18	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.53	24.11	PASS
Band4	3MHz	QPSK	20385	8RB#0	20.65	22.23	PASS
Band4	3MHz	QPSK	20385	8RB#4	20.66	22.24	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.50	22.08	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.63	22.21	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.08	23.66	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.00	23.58	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.90	23.48	PASS

Band4	3MHz	16QAM	19965	8RB#0	21.26	22.84	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.15	22.73	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.11	22.69	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.08	22.66	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.19	22.77	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.12	22.7	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.14	22.72	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.71	22.29	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.67	22.25	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.59	22.17	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.43	22.01	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.22	22.8	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.24	22.82	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.13	22.71	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.73	22.31	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.81	22.39	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.76	22.34	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.67	22.25	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.89	24.47	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.76	24.34	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.74	24.32	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.93	22.51	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.94	22.52	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.67	22.25	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.86	22.44	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.32	23.9	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.43	24.01	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.53	24.11	PASS
Band4	5MHz	QPSK	20175	12RB#0	20.55	22.13	PASS
Band4	5MHz	QPSK	20175	12RB#6	20.44	22.02	PASS
Band4	5MHz	QPSK	20175	12RB#13	20.59	22.17	PASS
Band4	5MHz	QPSK	20175	25RB#0	20.47	22.05	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.48	24.06	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.52	24.1	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.44	24.02	PASS
Band4	5MHz	QPSK	20375	12RB#0	20.61	22.19	PASS
Band4	5MHz	QPSK	20375	12RB#6	20.48	22.06	PASS



Band4	5MHz	QPSK	20375	12RB#13	20.55	22.13	PASS
Band4	5MHz	QPSK	20375	25RB#0	20.58	22.16	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.28	22.86	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.17	22.75	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.08	22.66	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.93	22.51	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.96	22.54	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.76	22.34	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.95	22.53	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.33	22.91	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.40	22.98	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.51	23.09	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.50	22.08	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.51	22.09	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.54	22.12	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.35	21.93	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.92	22.5	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.97	22.55	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.87	22.45	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.64	22.22	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.64	22.22	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.63	22.21	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.74	22.32	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.91	24.49	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.74	24.32	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.65	24.23	PASS
Band4	10MHz	QPSK	20000	25RB#0	20.93	22.51	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.89	22.47	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.71	22.29	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.91	22.49	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.37	23.95	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.34	23.92	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.48	24.06	PASS
Band4	10MHz	QPSK	20175	25RB#0	20.46	22.04	PASS
Band4	10MHz	QPSK	20175	25RB#12	20.48	22.06	PASS
Band4	10MHz	QPSK	20175	25RB#25	20.47	22.05	PASS
Band4	10MHz	QPSK	20175	50RB#0	20.54	22.12	PASS



Band4	10MHz	QPSK	20350	1RB#0	22.59	24.17	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.63	24.21	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.63	24.21	PASS
Band4	10MHz	QPSK	20350	25RB#0	20.66	22.24	PASS
Band4	10MHz	QPSK	20350	25RB#12	20.66	22.24	PASS
Band4	10MHz	QPSK	20350	25RB#25	20.67	22.25	PASS
Band4	10MHz	QPSK	20350	50RB#0	20.73	22.31	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.77	23.35	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.85	23.43	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.69	23.27	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.90	22.48	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.90	22.48	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.81	22.39	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.89	22.47	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.37	22.95	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.48	23.06	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.46	23.04	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.65	22.23	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.66	22.24	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.69	22.27	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.56	22.14	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.53	23.11	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.55	23.13	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.52	23.1	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.67	22.25	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.69	22.27	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.68	22.26	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.70	22.28	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.85	24.43	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.63	24.21	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.46	24.04	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.71	22.29	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.71	22.29	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.71	22.29	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.71	22.29	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.32	23.9	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.29	23.87	PASS



Band4	15MHz	QPSK	20175	1RB#74	22.37	23.95	PASS
Band4	15MHz	QPSK	20175	38RB#0	20.54	22.12	PASS
Band4	15MHz	QPSK	20175	38RB#18	20.56	22.14	PASS
Band4	15MHz	QPSK	20175	38RB#37	20.57	22.15	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.57	22.15	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.55	24.13	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.65	24.23	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.60	24.18	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.59	22.17	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.62	22.2	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.75	22.33	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.75	22.33	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.76	23.34	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.53	23.11	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.43	23.01	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.72	22.3	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.71	22.29	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.72	22.3	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.82	22.4	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.49	23.07	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.53	23.11	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.68	23.26	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.55	22.13	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.43	22.01	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.49	22.07	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.59	22.17	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.51	23.09	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.50	23.08	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.40	22.98	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.61	22.19	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.62	22.2	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.75	22.33	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.73	22.31	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.10	24.68	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.80	24.38	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.58	24.16	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.79	22.37	PASS





Band4	20MHz	QPSK	20050	50RB#25	20.79	22.37	PASS
Band4	20MHz	QPSK	20050	50RB#50	20.60	22.18	PASS
Band4	20MHz	QPSK	20050	100RB#0	20.56	22.14	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.57	24.15	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.64	24.22	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.75	24.33	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.52	22.1	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.46	22.04	PASS
Band4	20MHz	QPSK	20175	50RB#50	20.48	22.06	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.56	22.14	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.69	24.27	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.00	24.58	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.03	24.61	PASS
Band4	20MHz	QPSK	20300	50RB#0	20.62	22.2	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.63	22.21	PASS
Band4	20MHz	QPSK	20300	50RB#50	20.72	22.3	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.55	22.13	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.74	23.32	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.42	23	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.24	22.82	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.91	22.49	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.91	22.49	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.64	22.22	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.70	22.28	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.93	23.51	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.85	23.43	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.10	23.68	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.58	22.16	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.48	22.06	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.65	22.23	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.57	22.15	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.77	22.35	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.77	22.35	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.84	22.42	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.70	22.28	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.70	22.28	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.70	22.28	PASS



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Band4	20MHz	16QAM	20300	100RB#0	20.59	22.17	PASS
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## Appendix B: Peak-to-Average Ratio(CCDF)

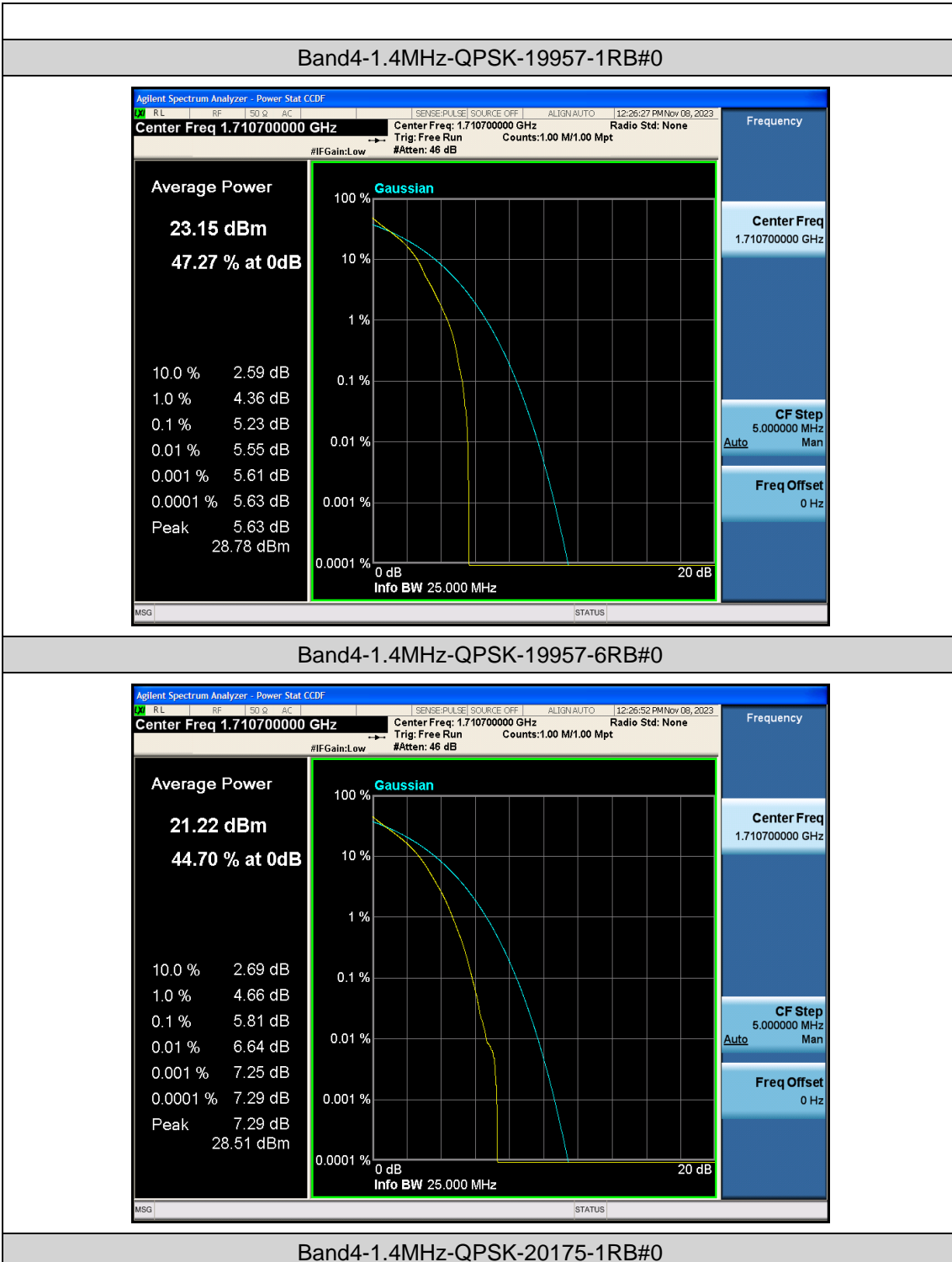
### Test Result

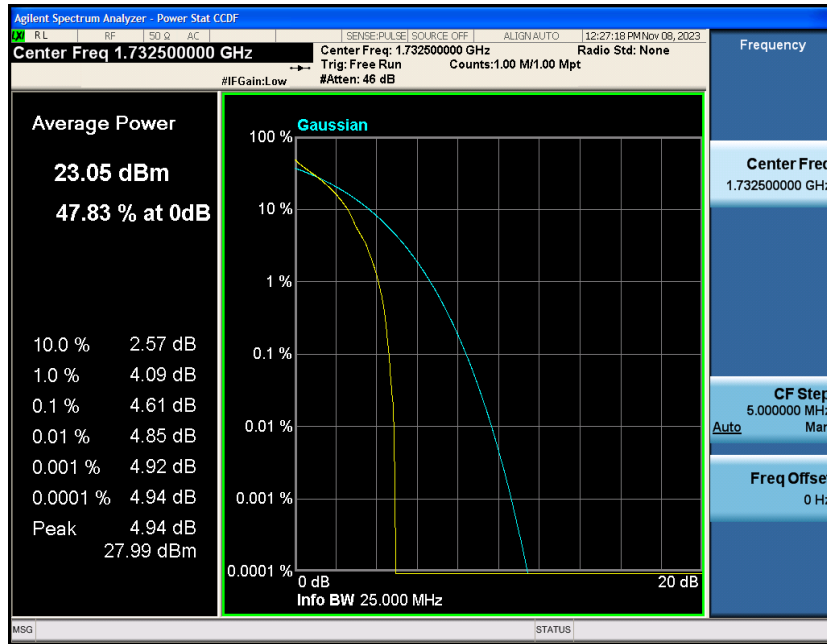
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	5.23	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.81	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.61	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.68	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	5.45	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.72	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.61	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.24	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.36	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.05	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	6.27	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.66	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.93	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.77	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.66	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.63	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	5.48	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.92	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.87	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.33	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.69	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.14	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	6.61	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.59	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.35	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.88	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.79	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.64	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	5.36	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.92	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	6.19	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.34	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.37	13	PASS
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Band4	5MHz	16QAM	20375	1RB#0	5.98	13	PASS



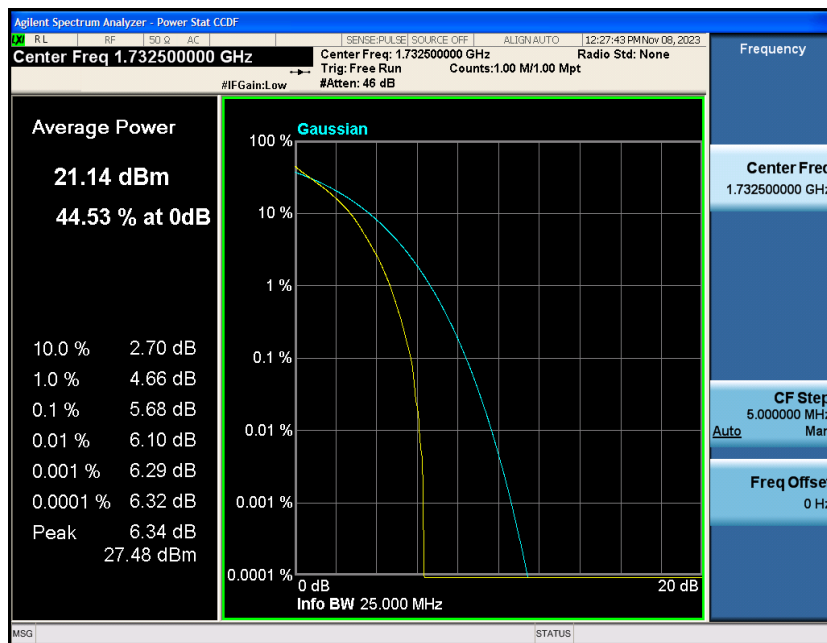
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Band4	10MHz	QPSK	20175	1RB#0	4.68	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.74	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.22	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.97	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	6.31	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.41	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.56	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.19	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.87	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.56	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	5.11	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	6.15	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.85	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	6.01	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	5.07	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	6.24	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	6.26	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.38	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.58	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.25	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.71	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.58	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.02	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.78	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.95	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.77	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.88	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	6.01	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.78	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.37	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.78	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.29	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.80	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.58	13	PASS

### Test Graphs

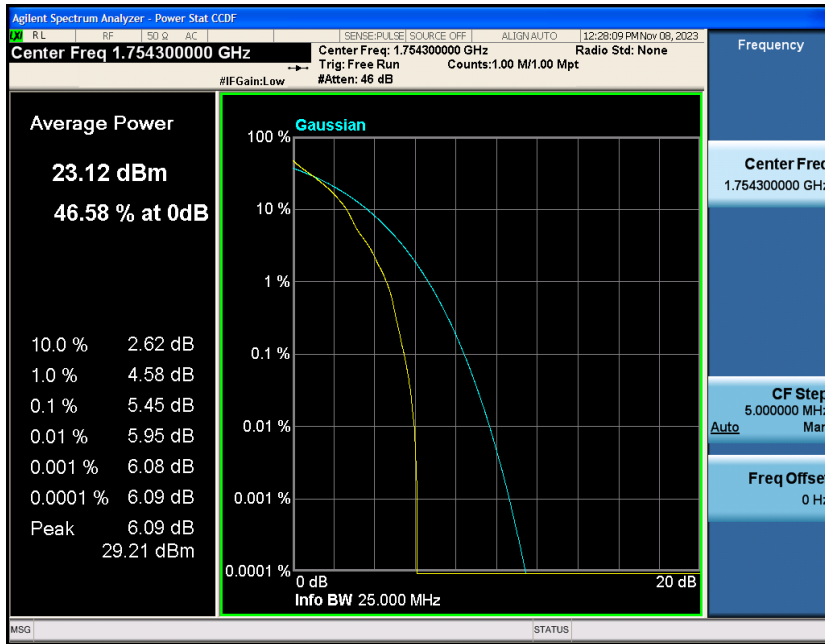




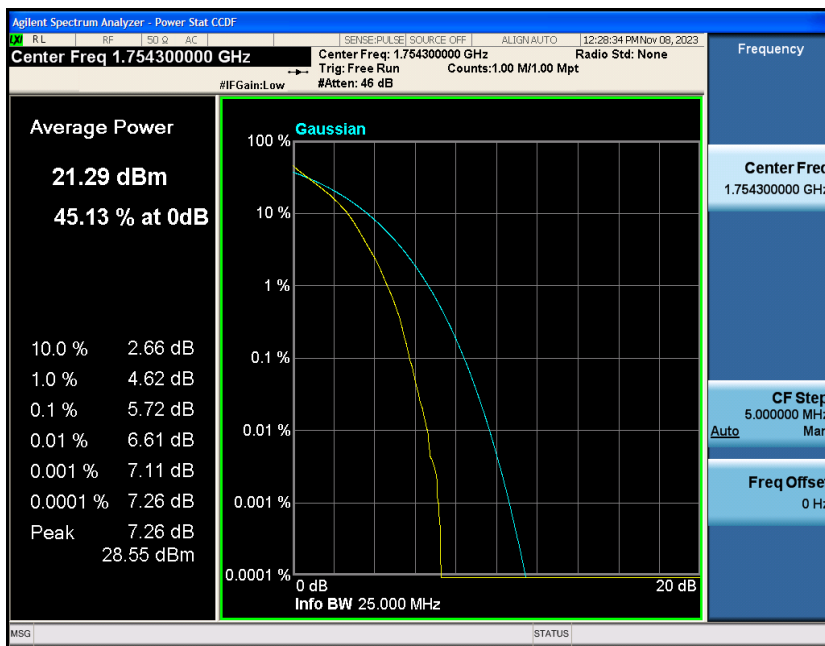
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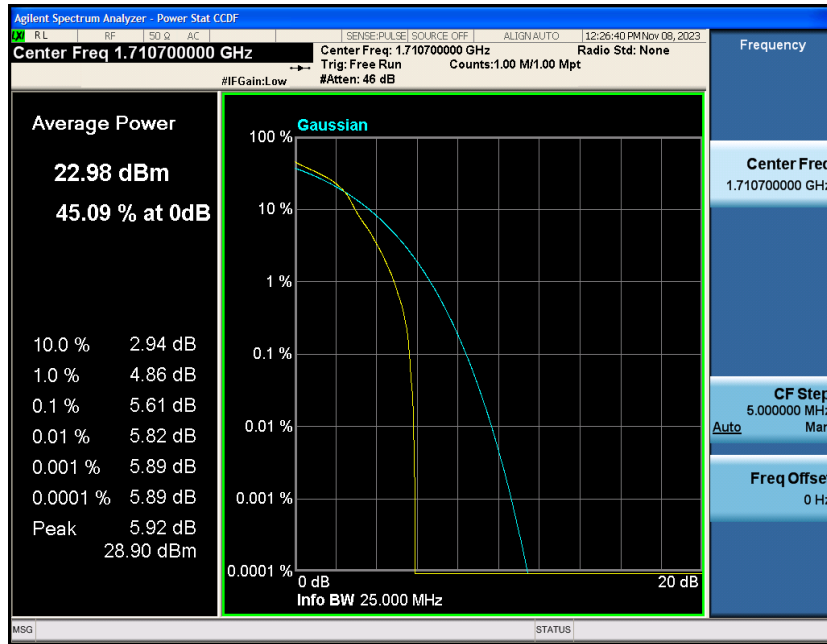
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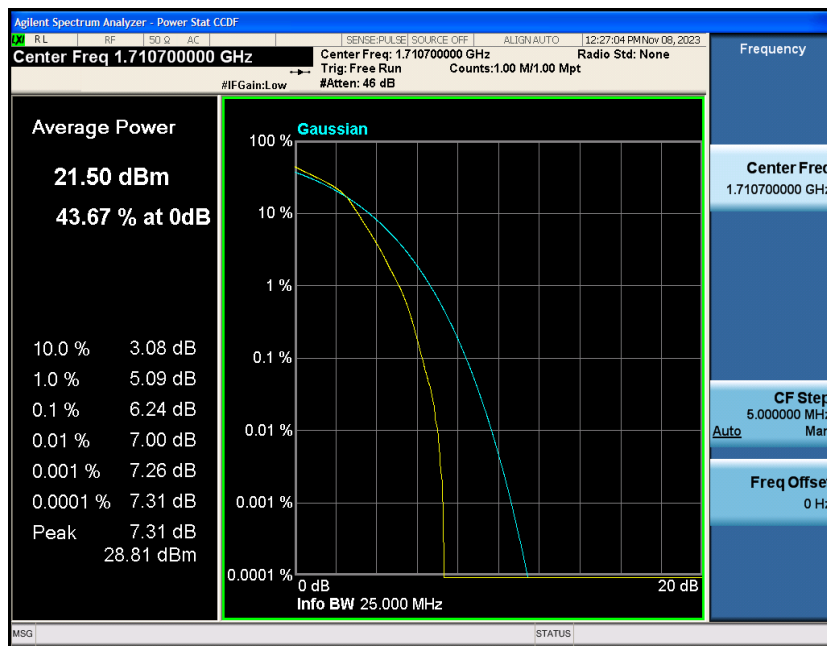
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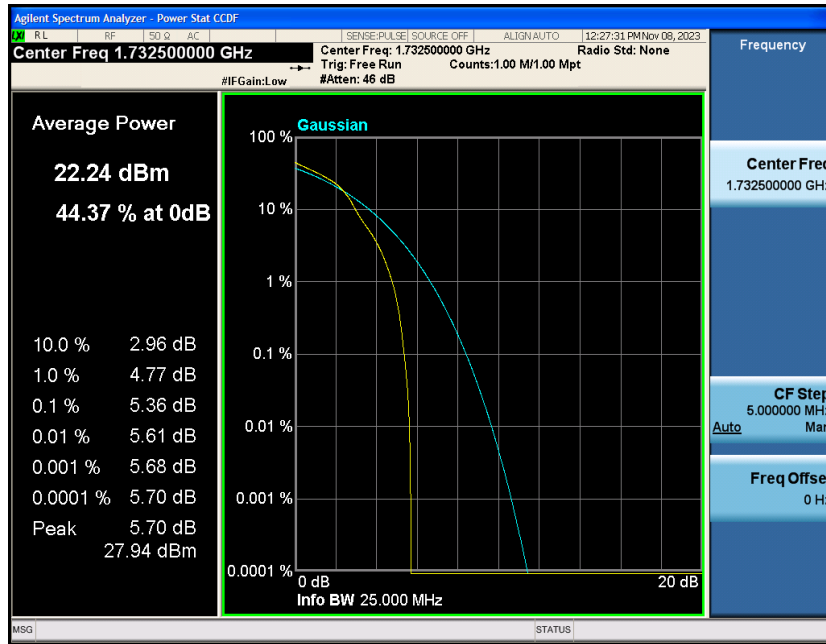


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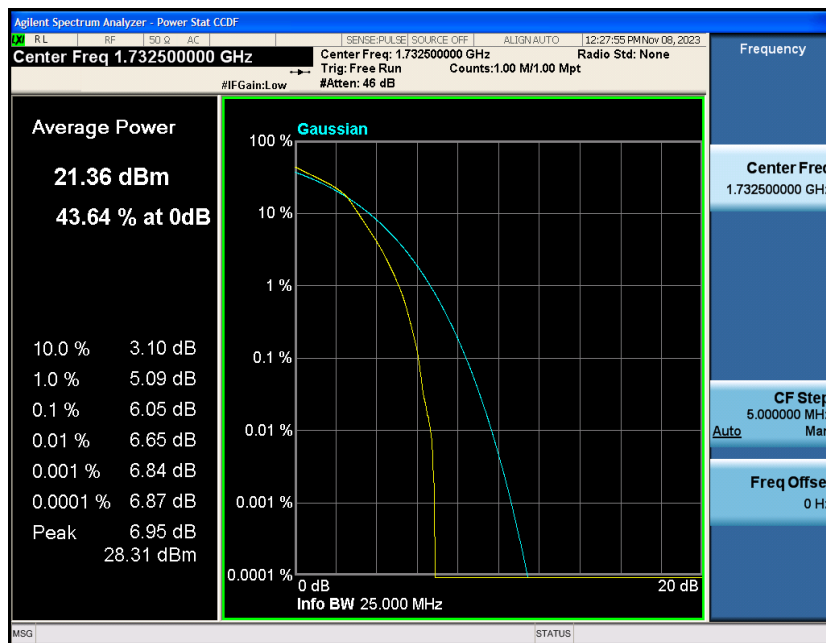


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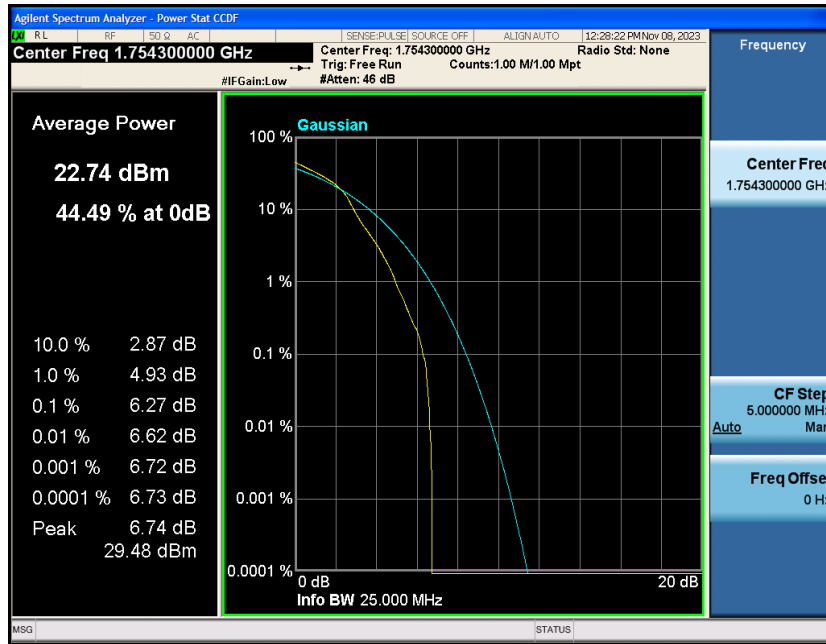




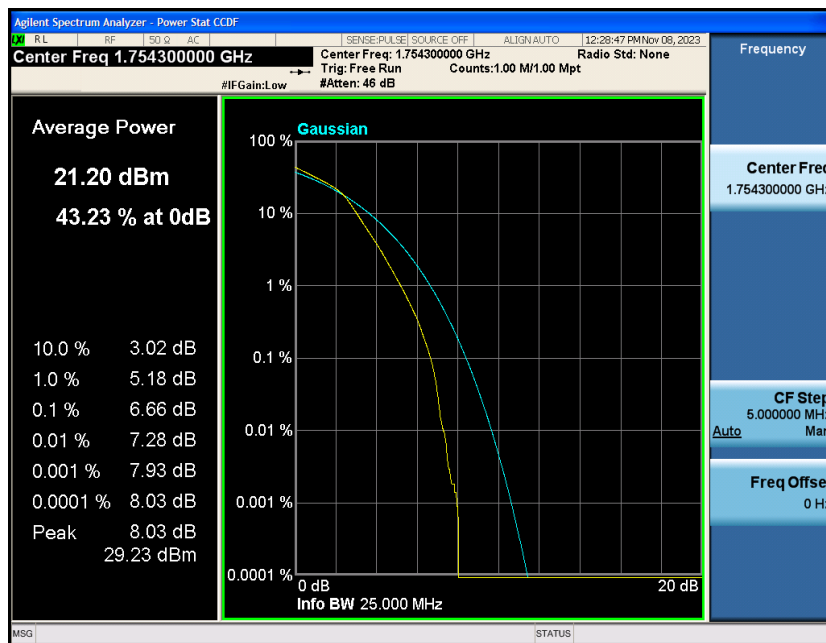
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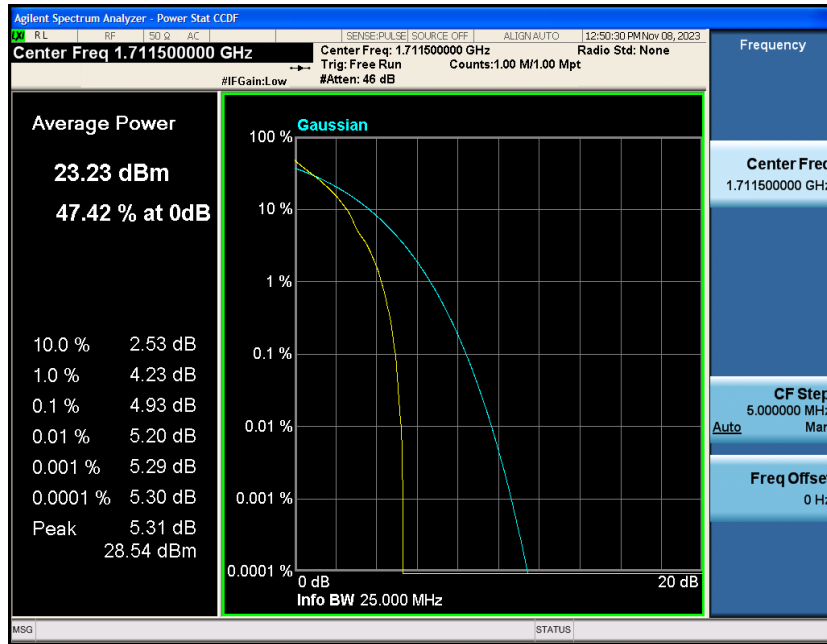
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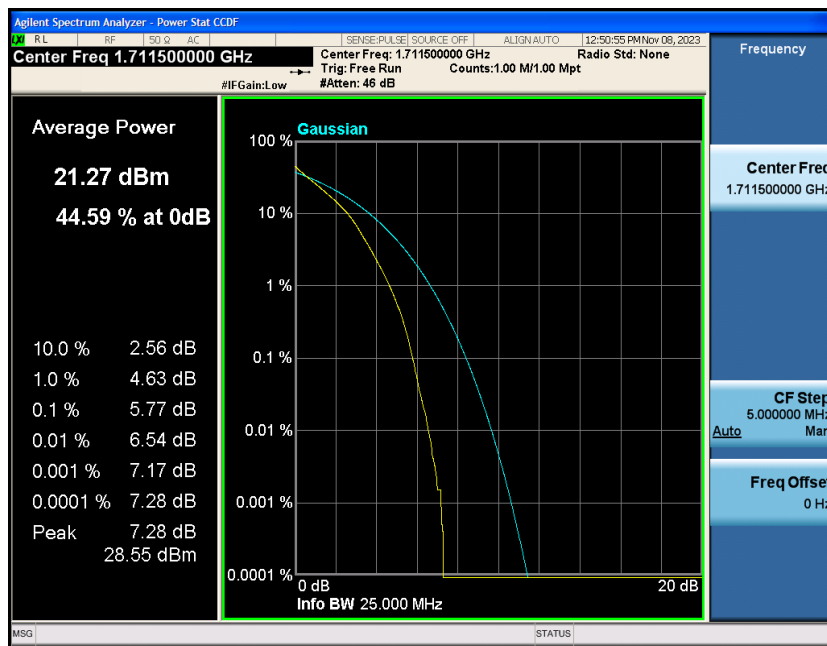
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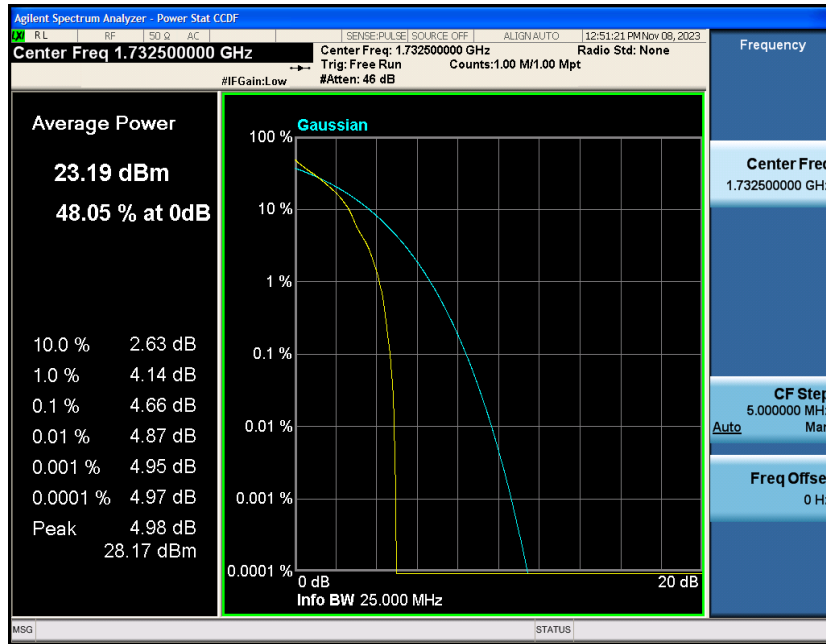
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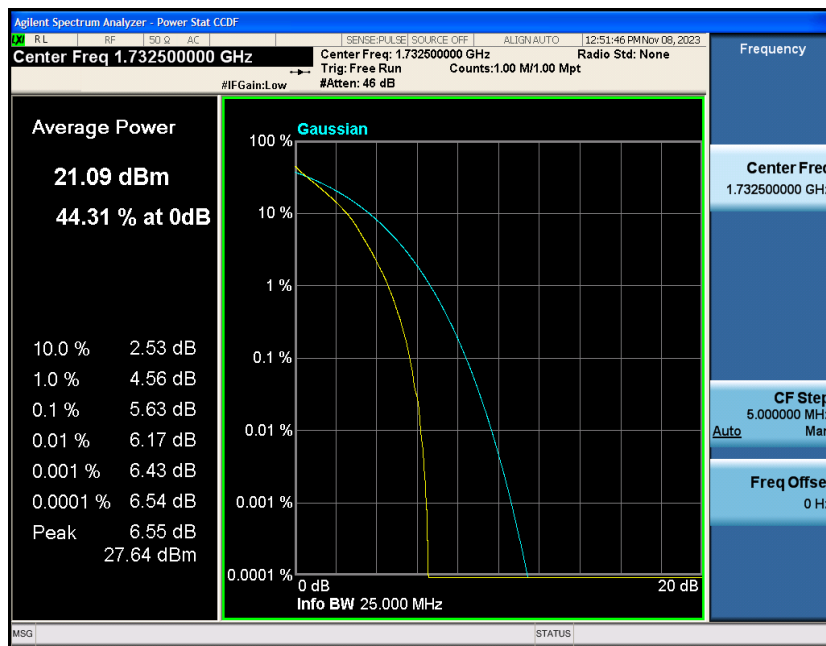
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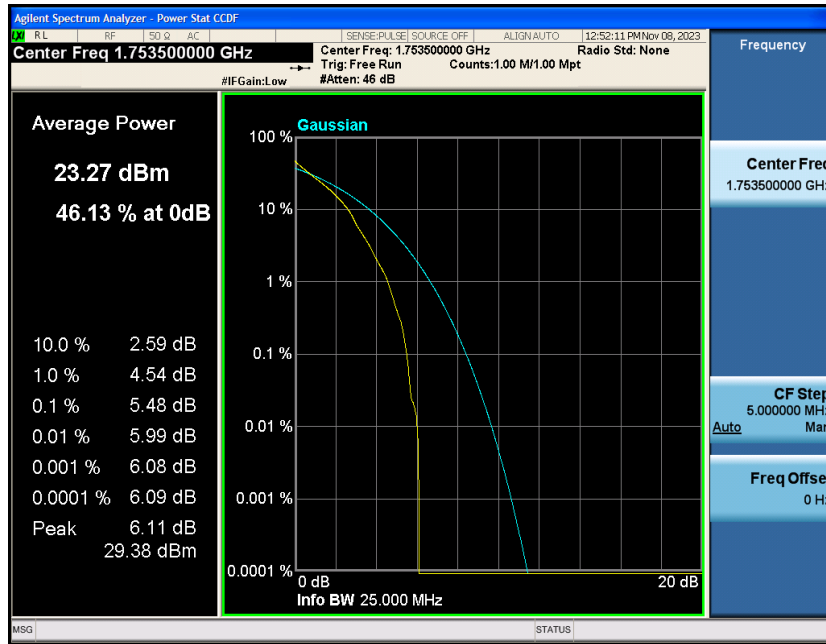
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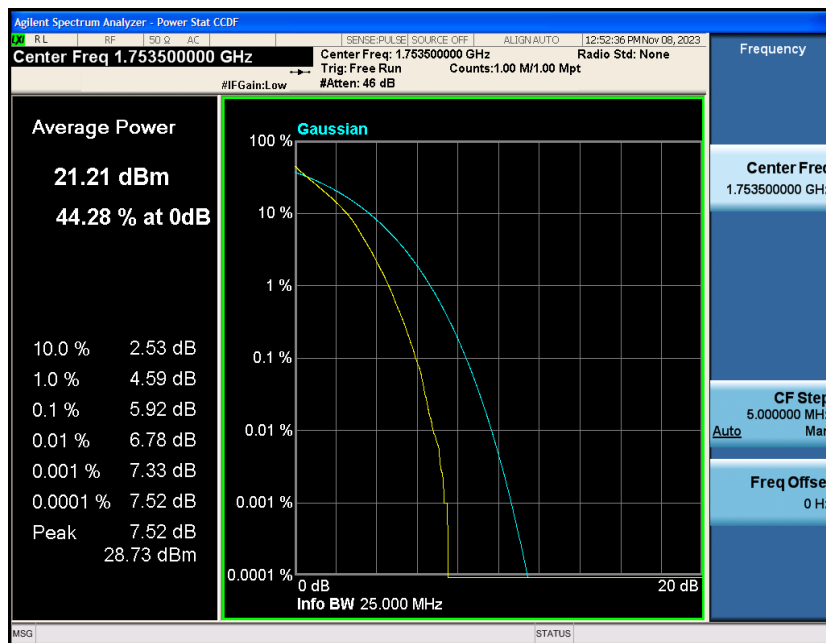
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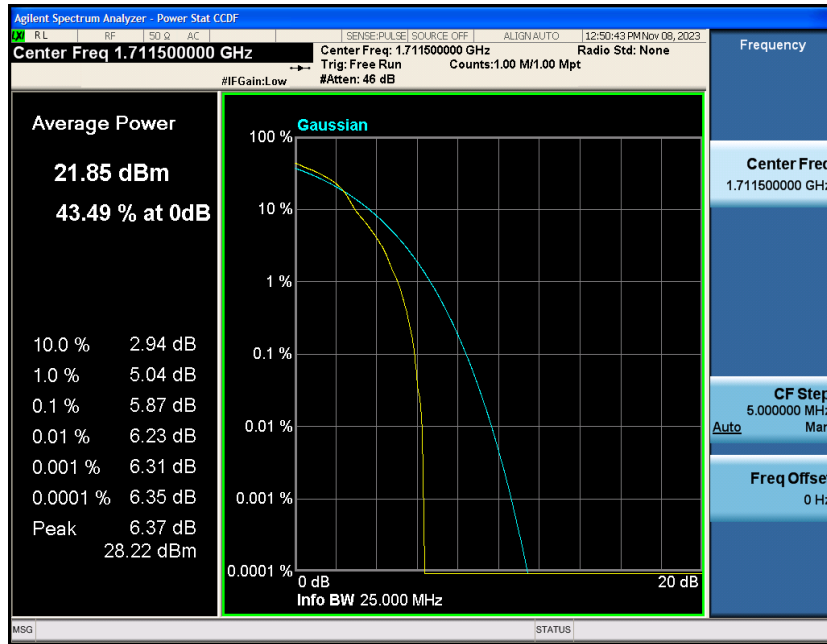
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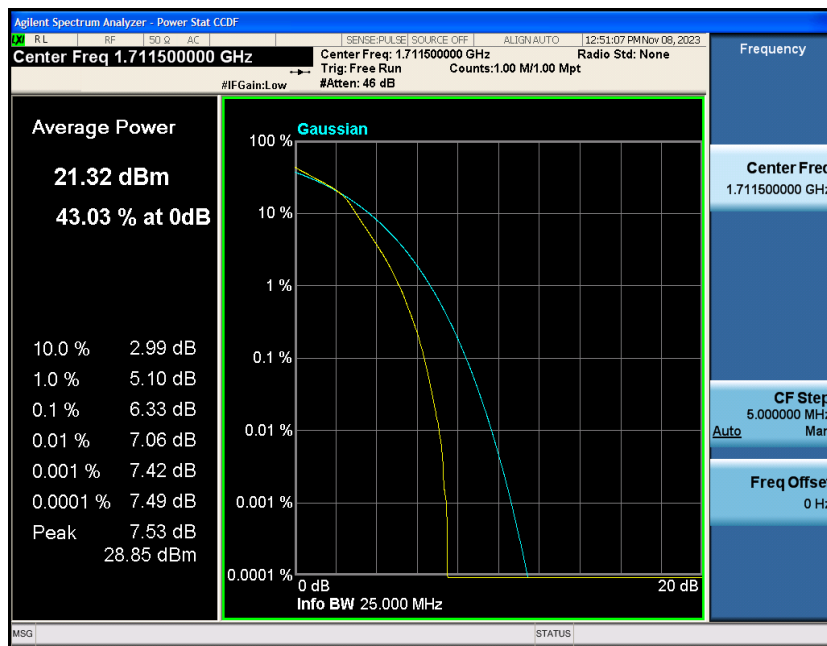
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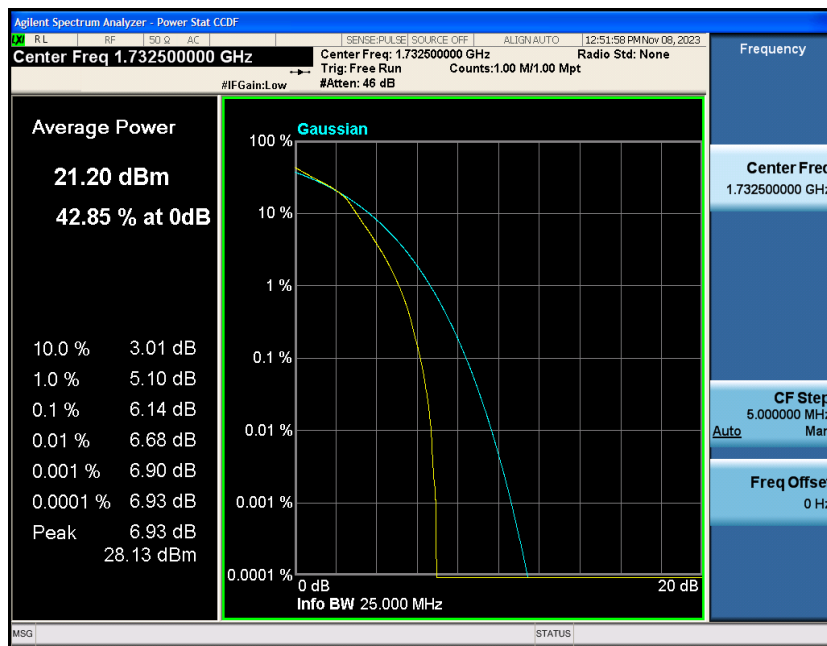
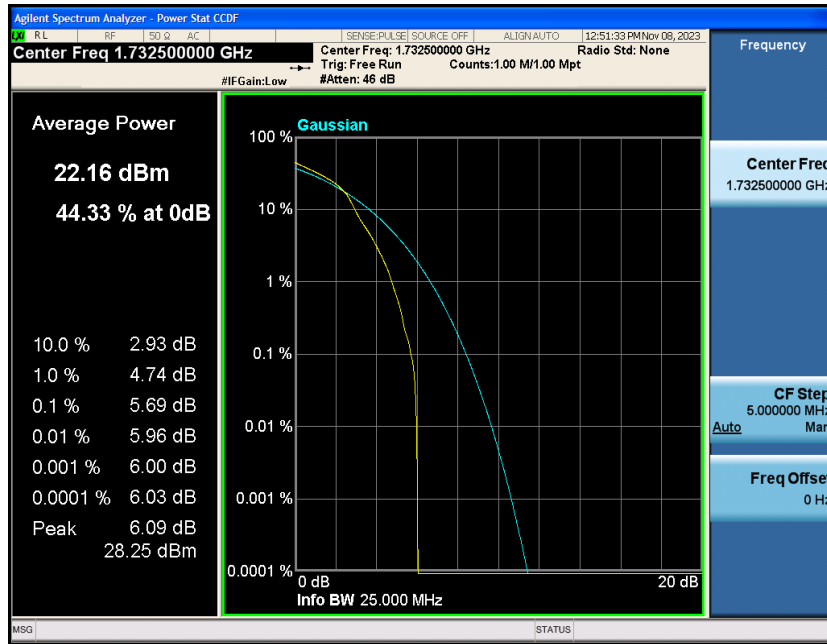
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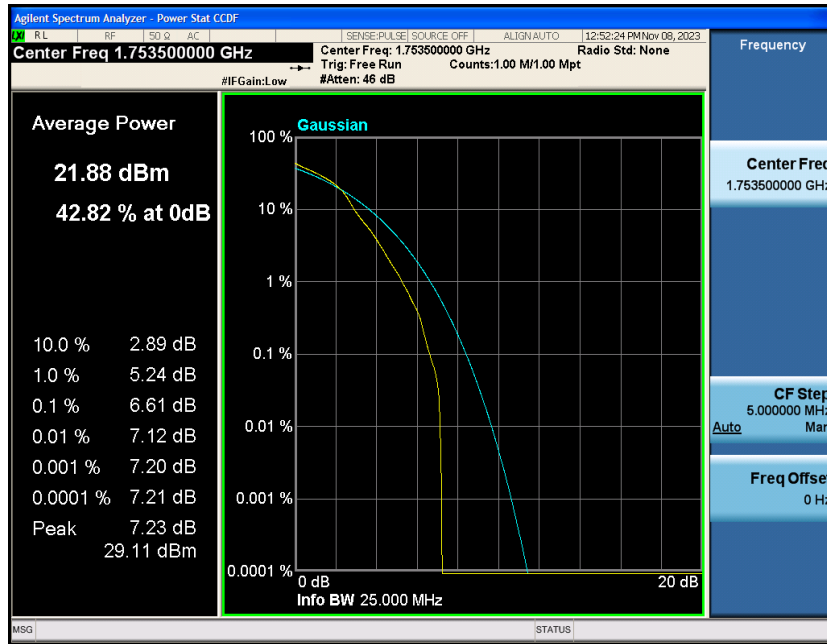


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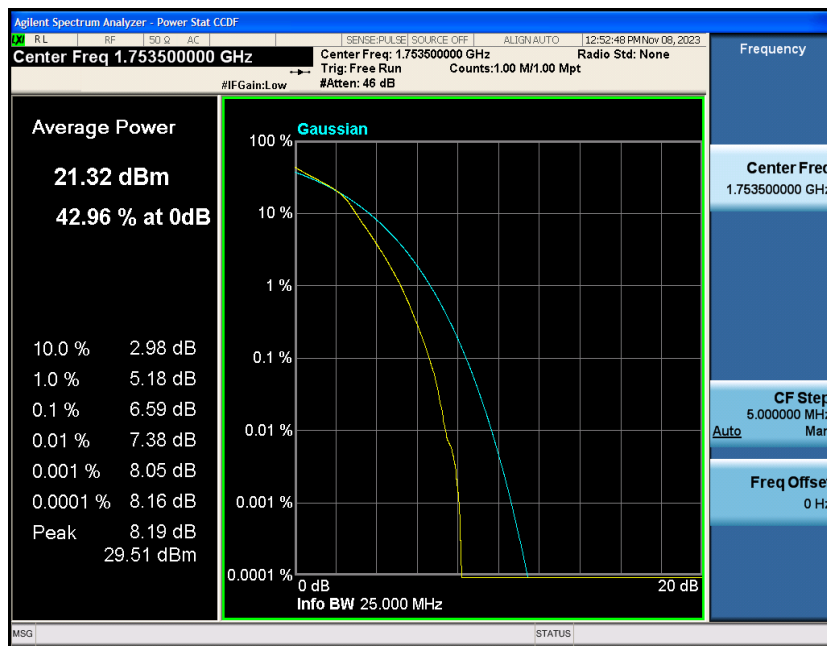


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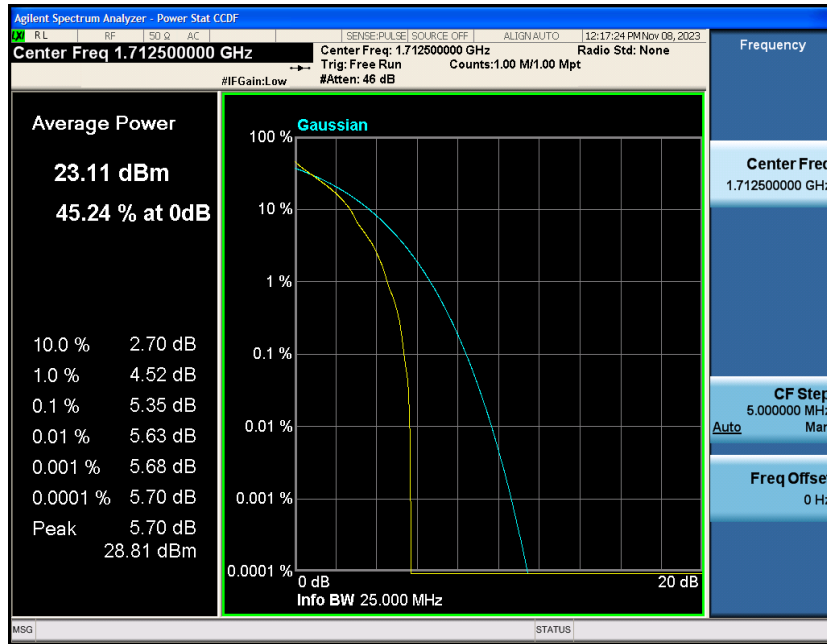


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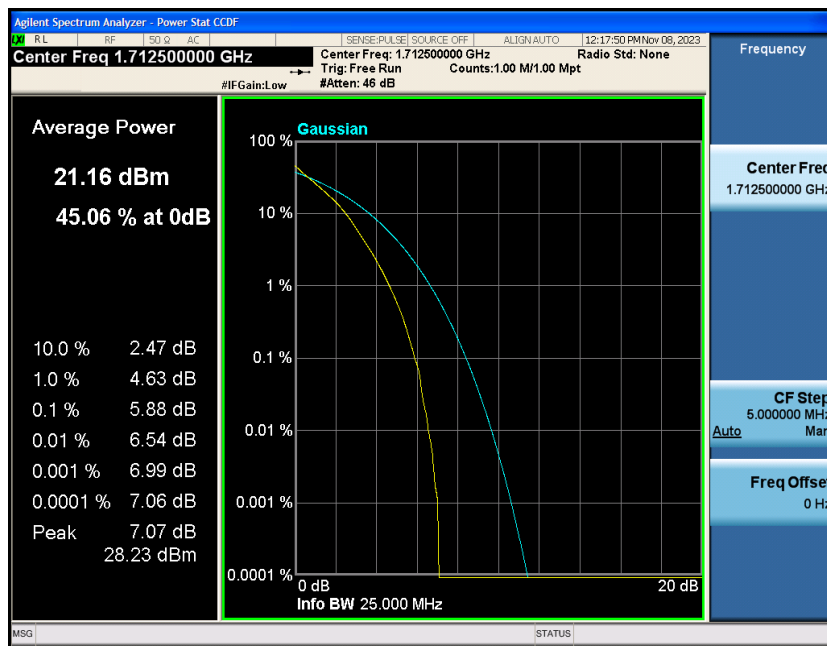


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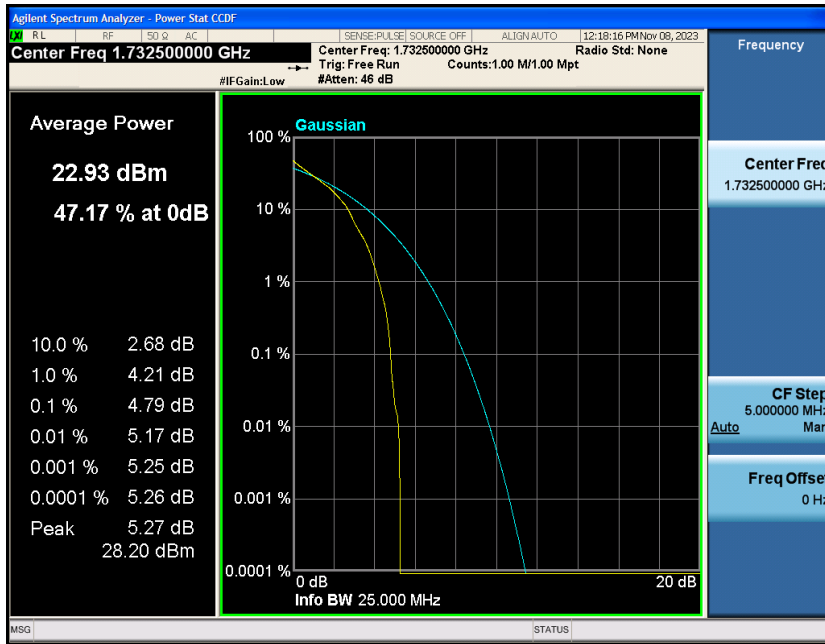




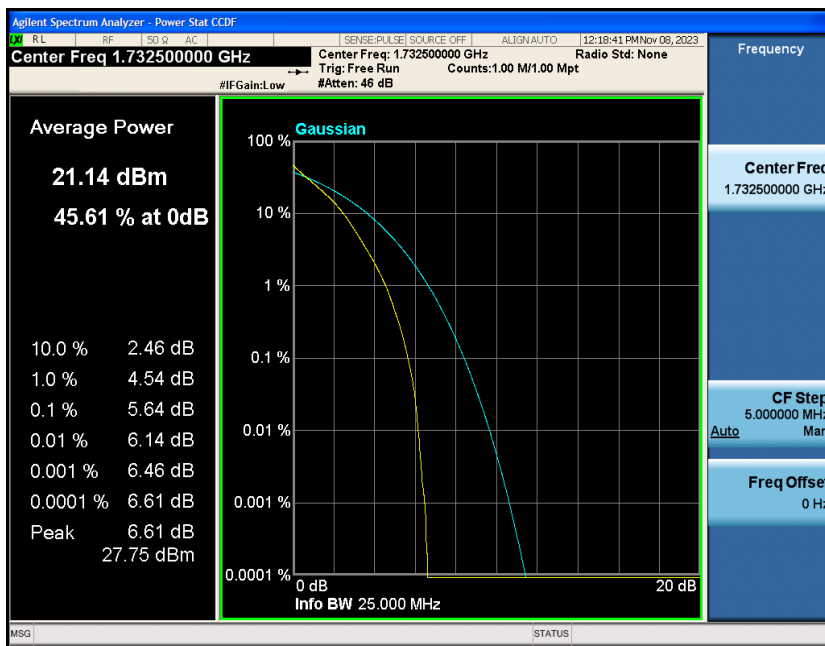
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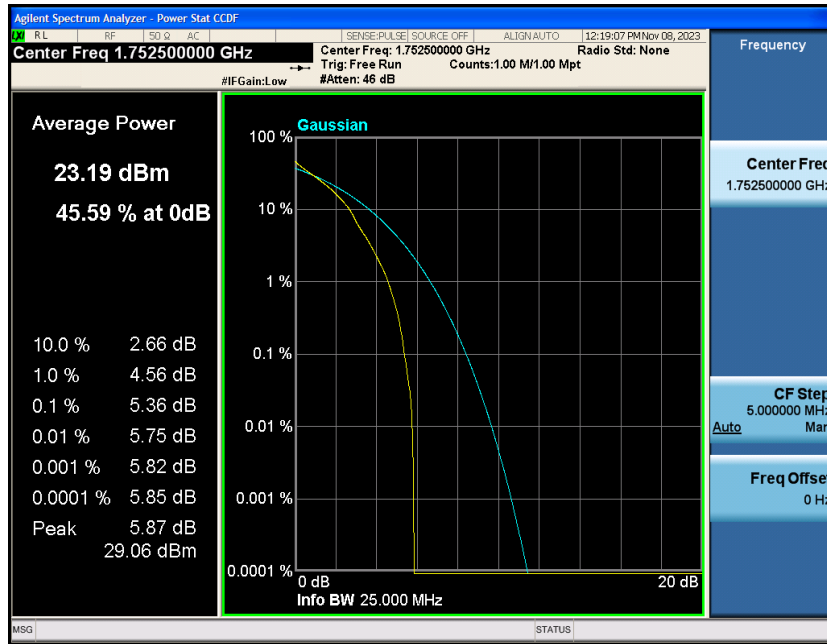
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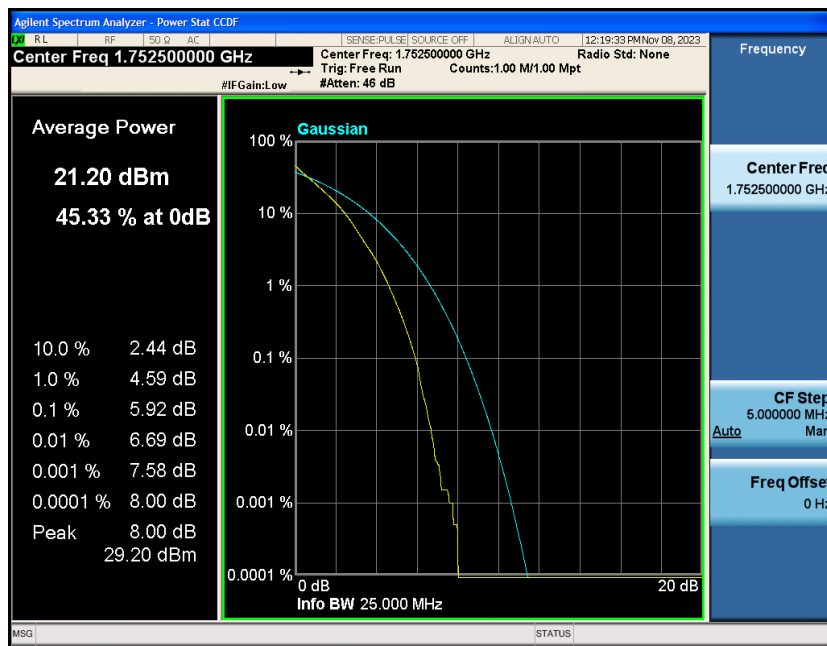
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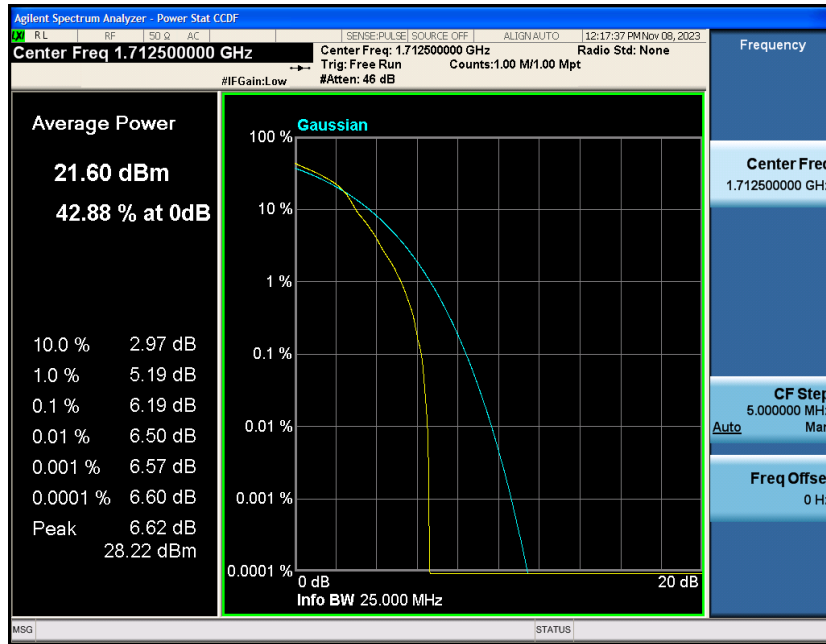
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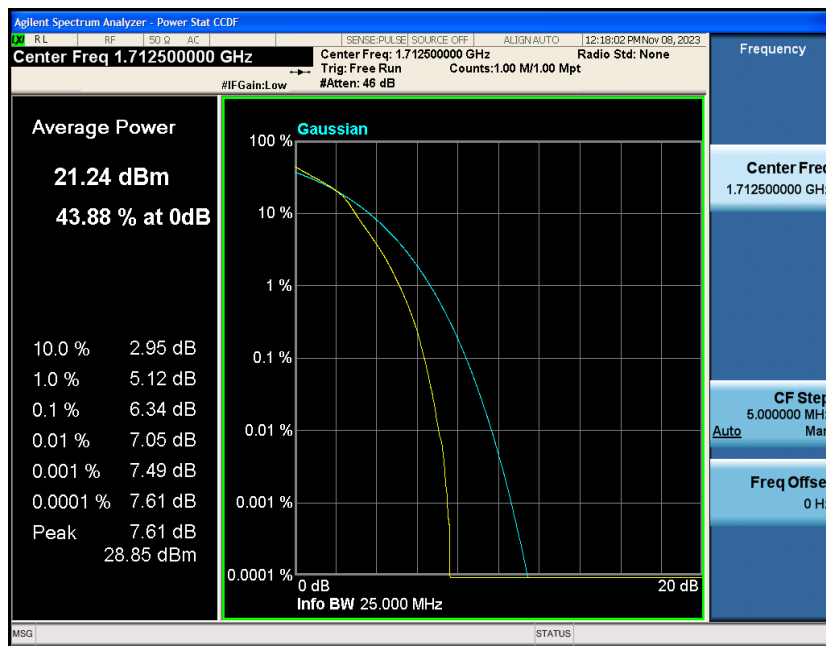
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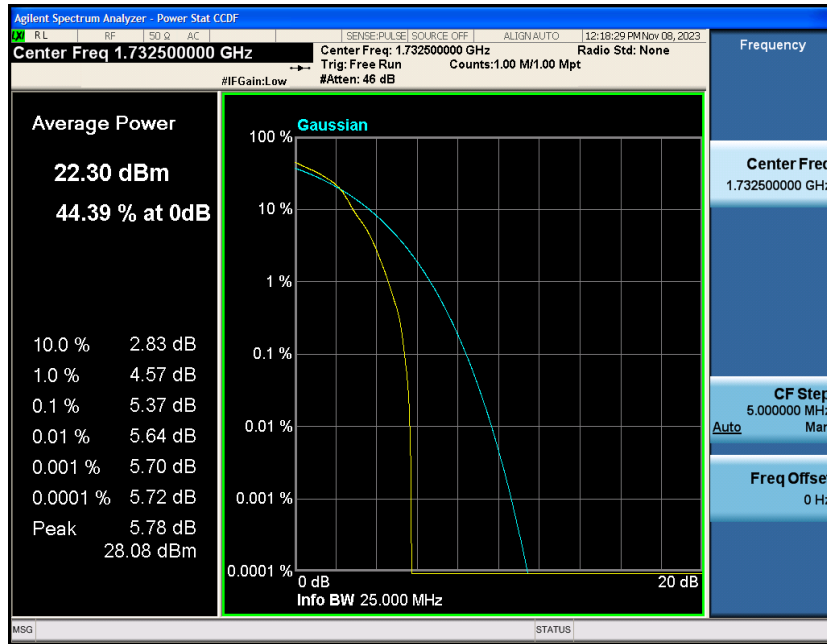
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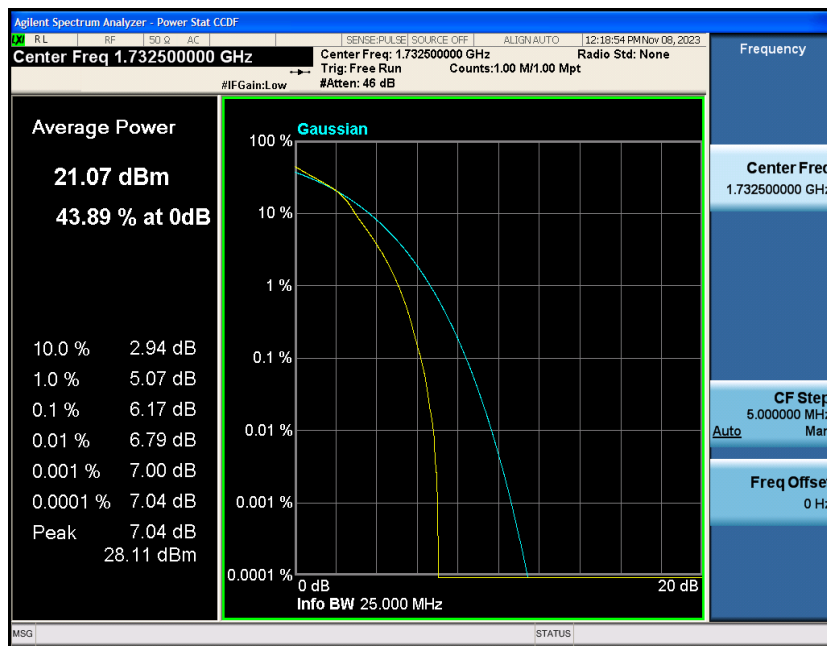
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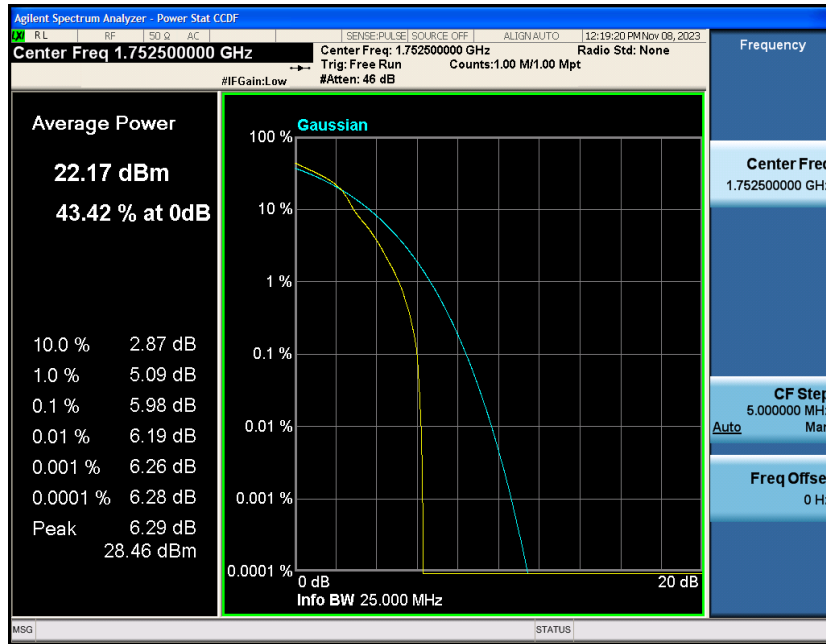
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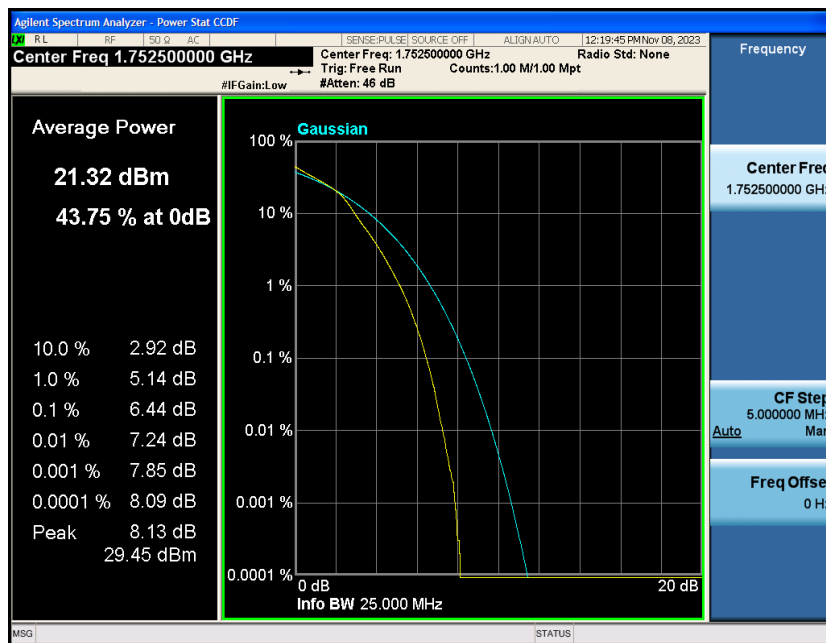
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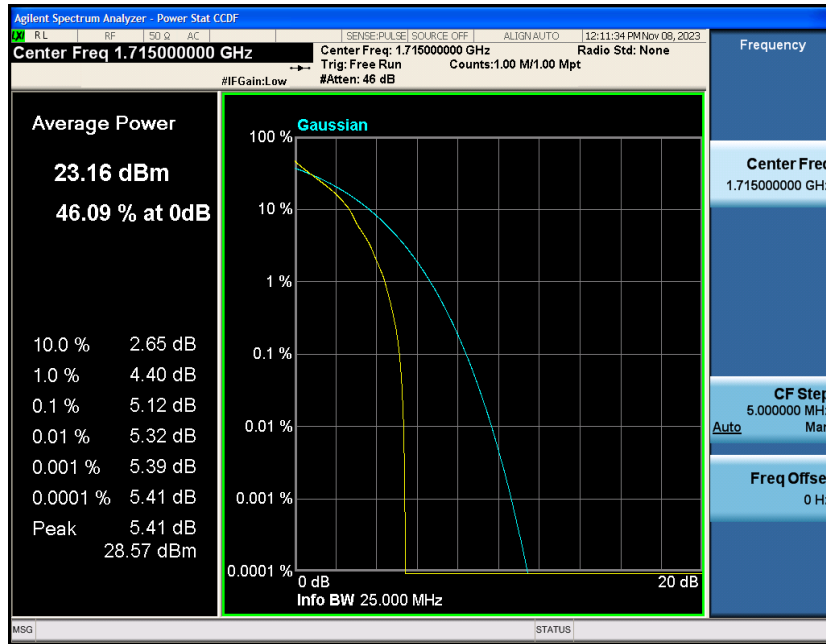
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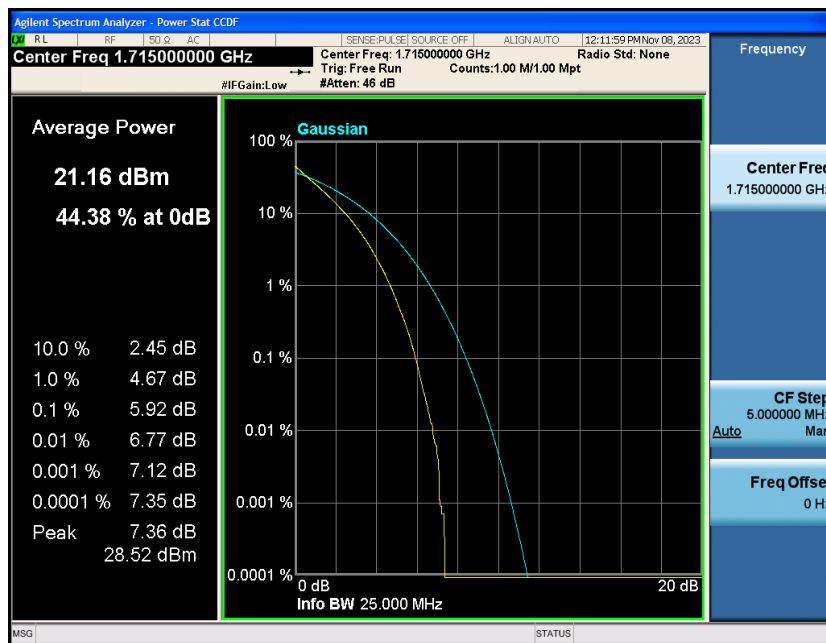
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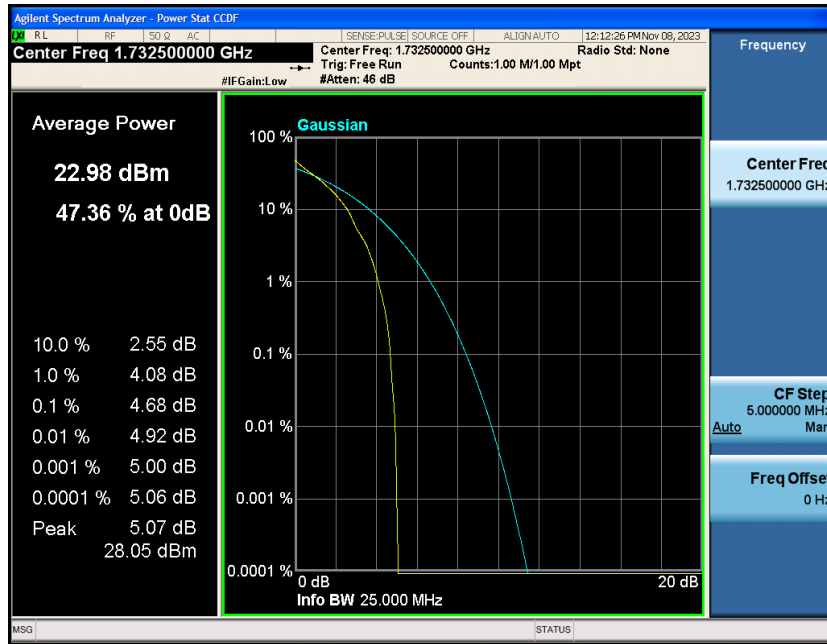
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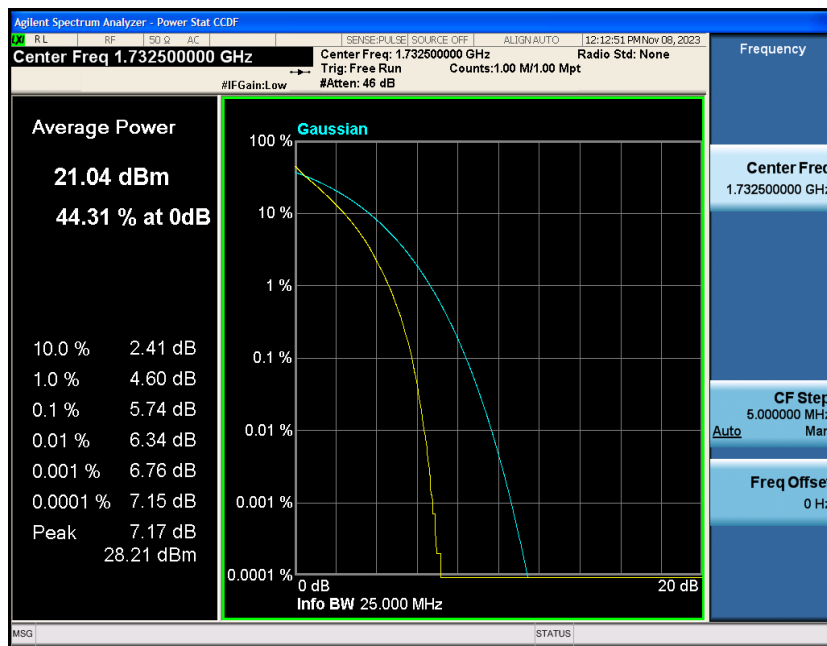
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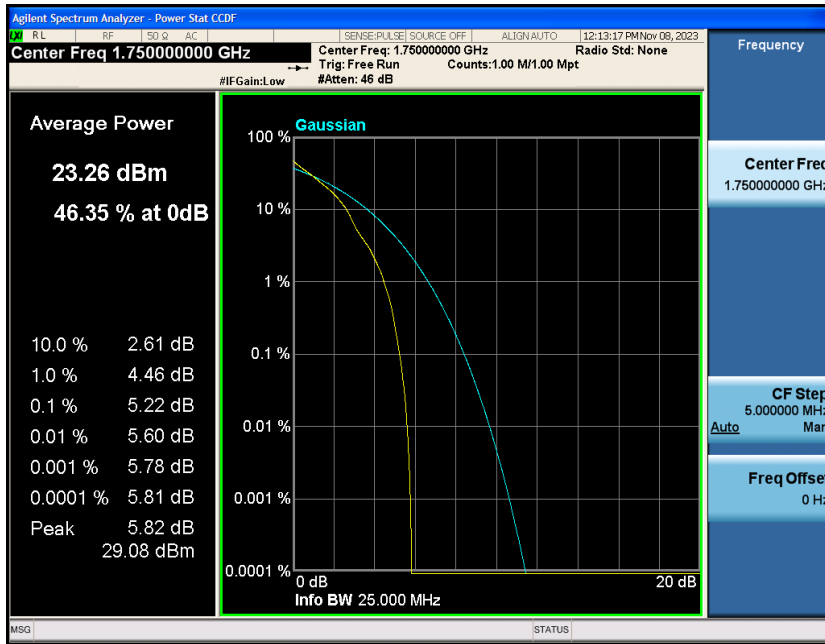


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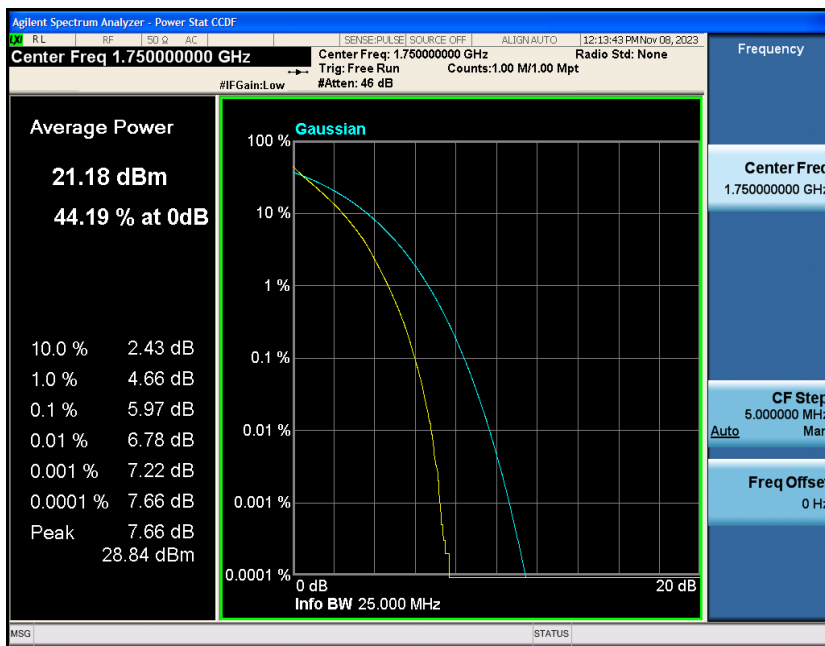


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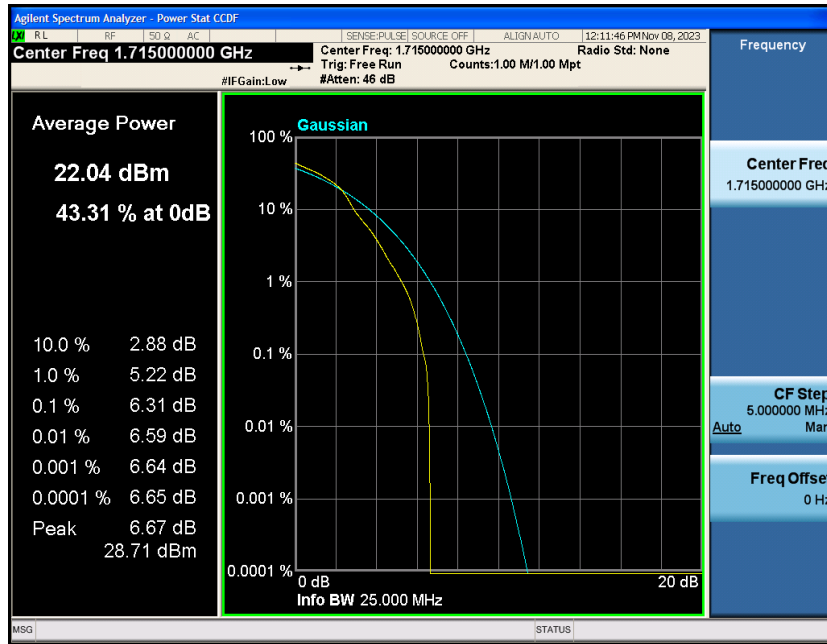




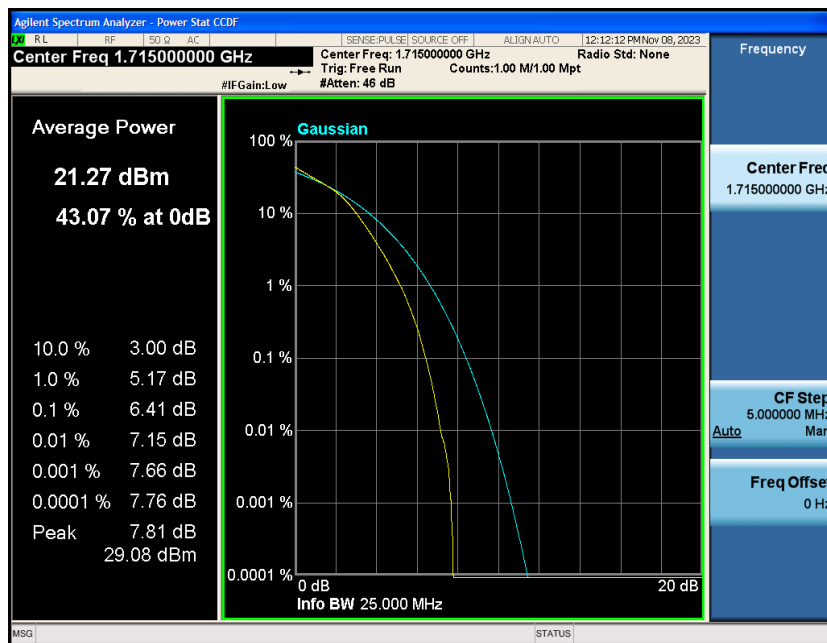
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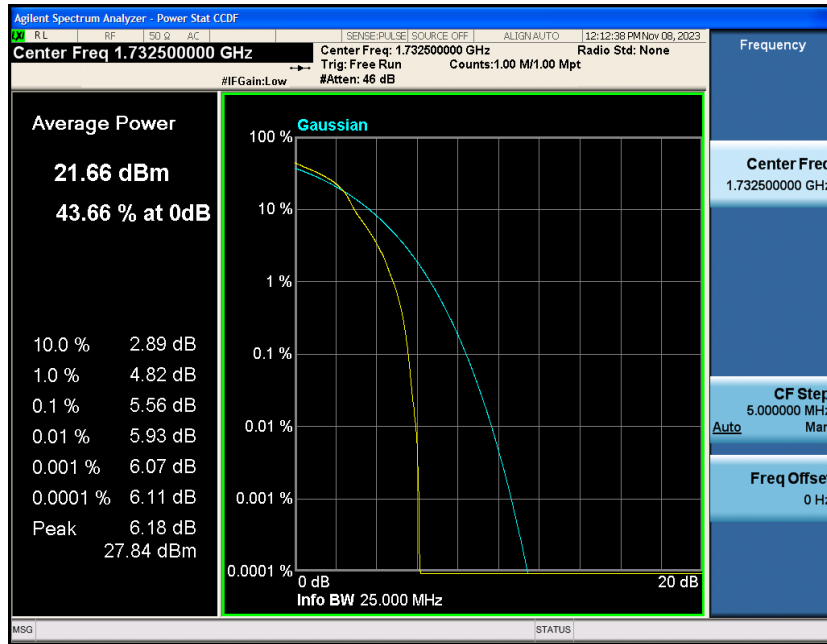
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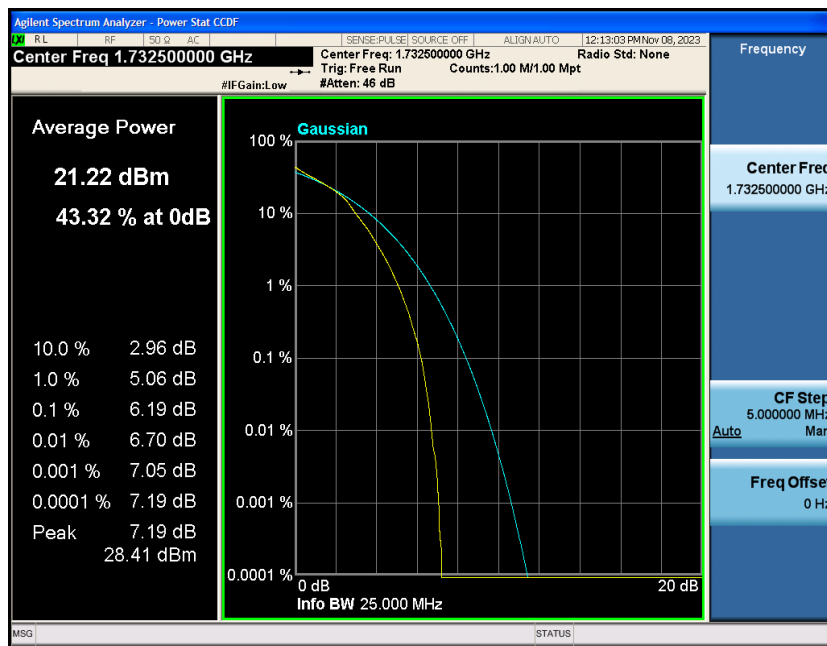
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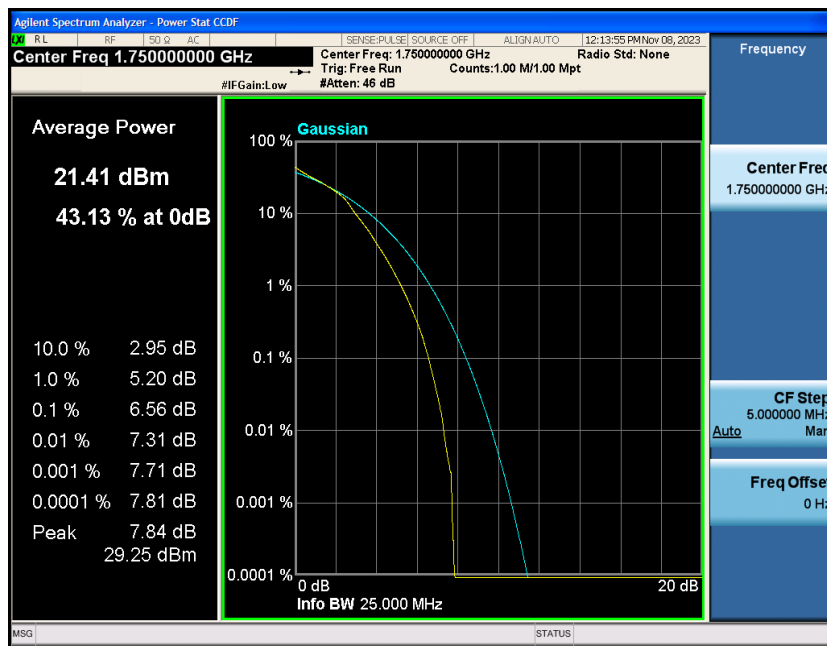
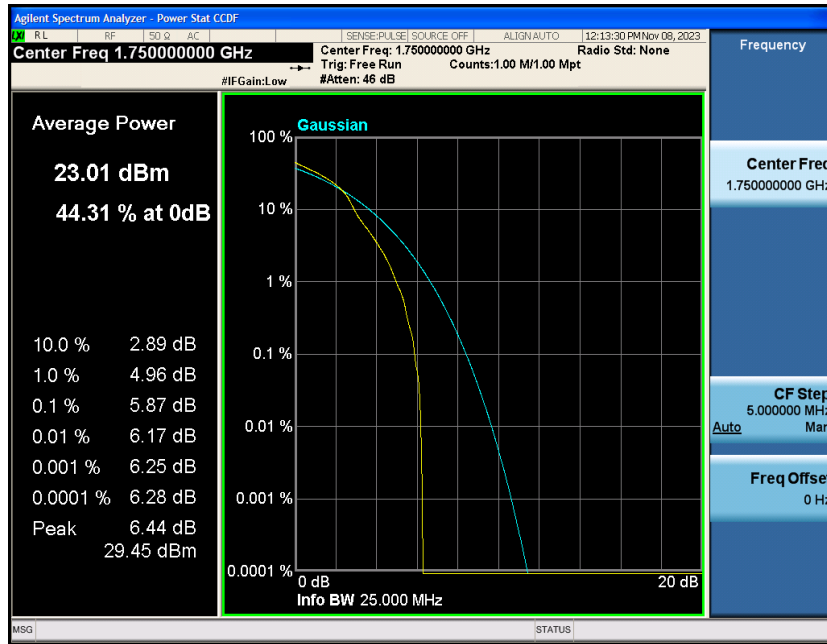
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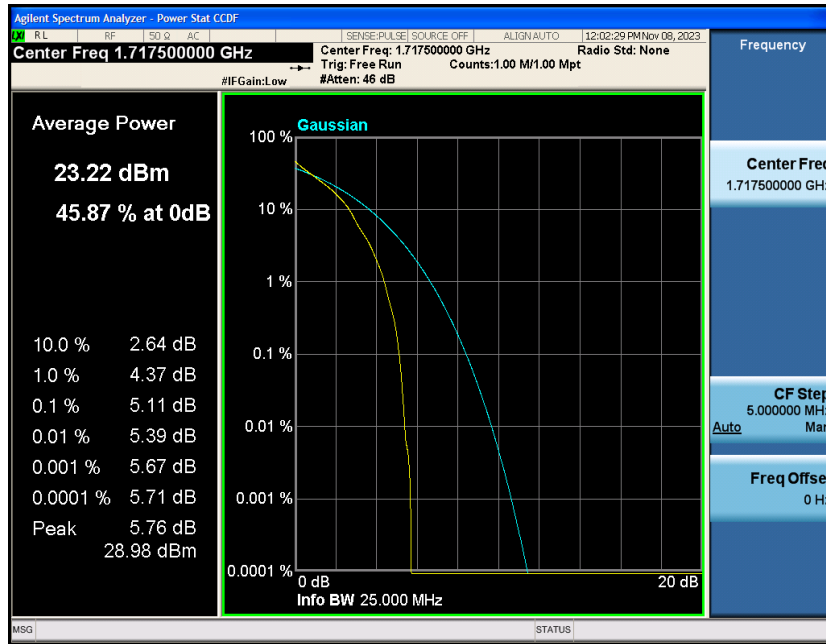


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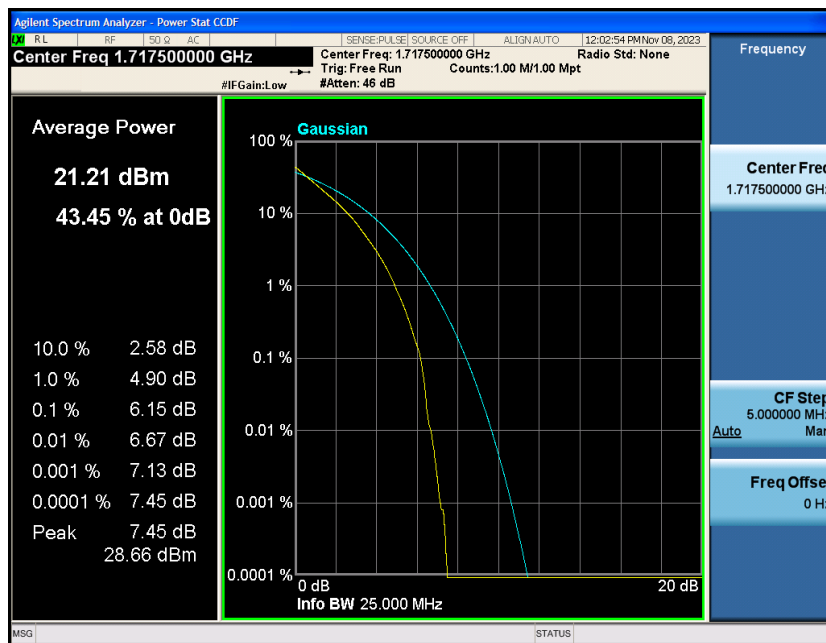


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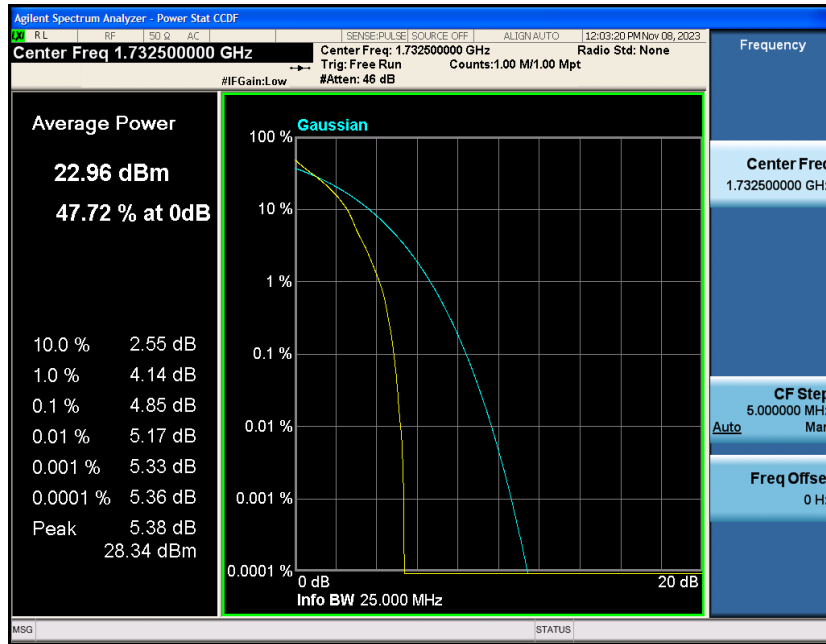




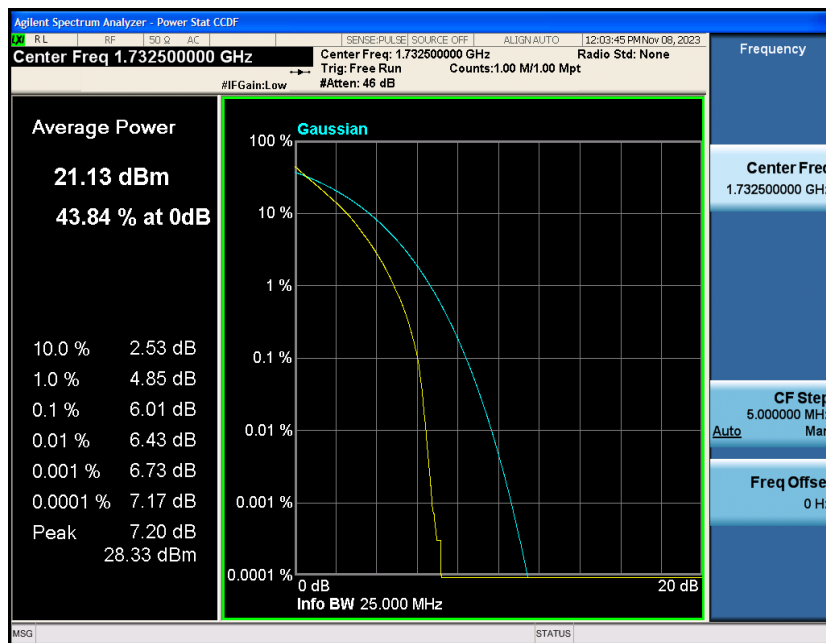
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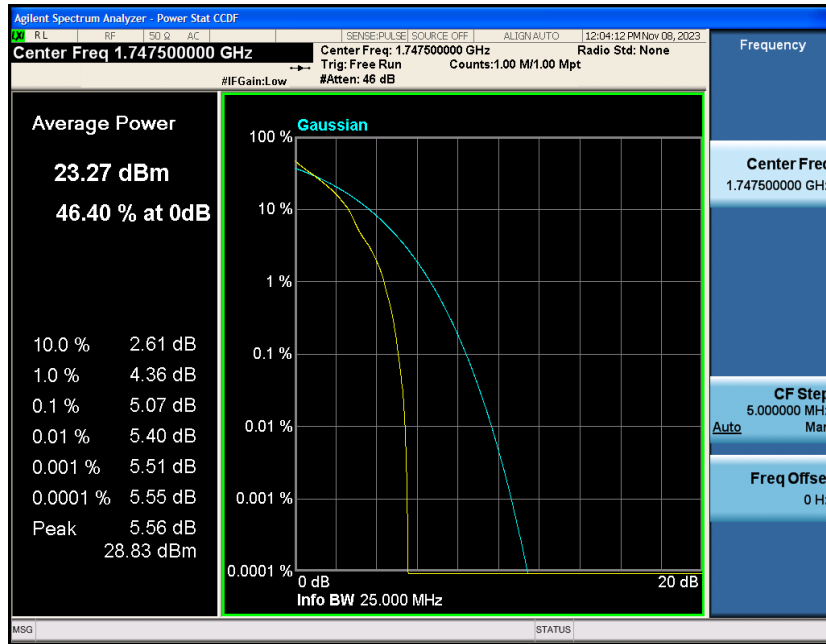
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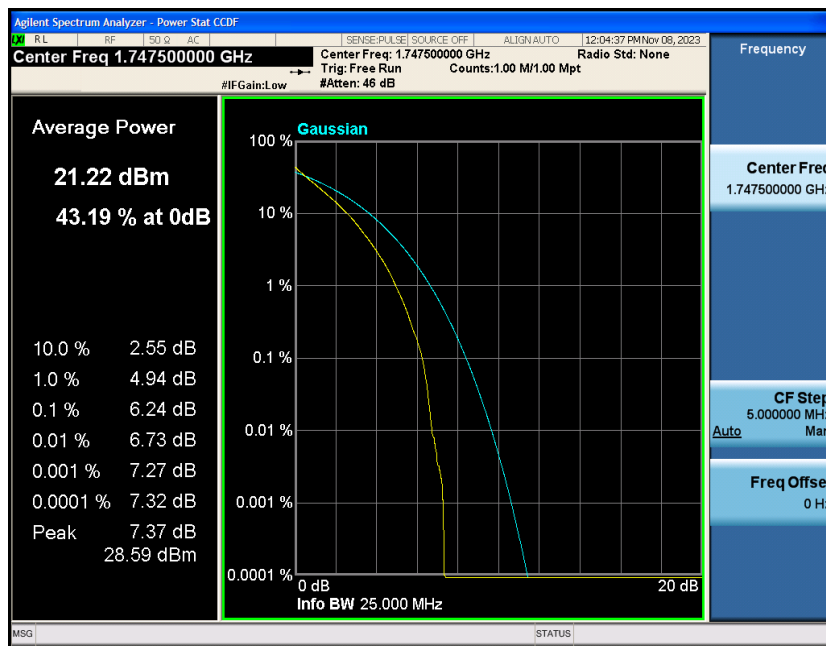
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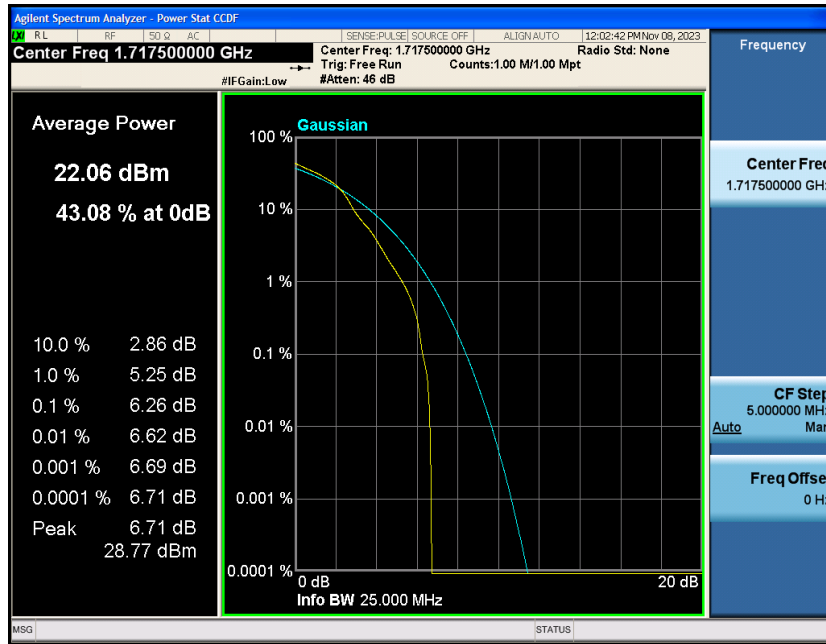
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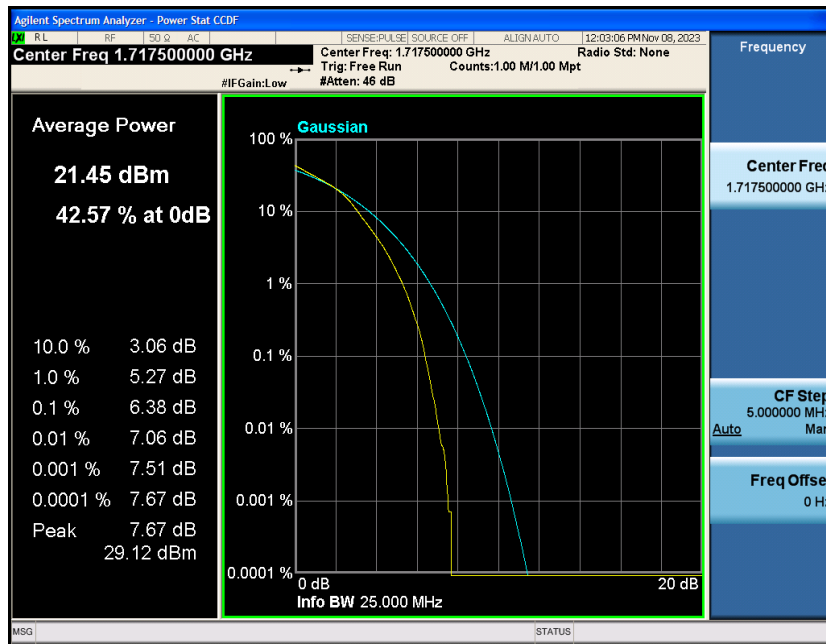
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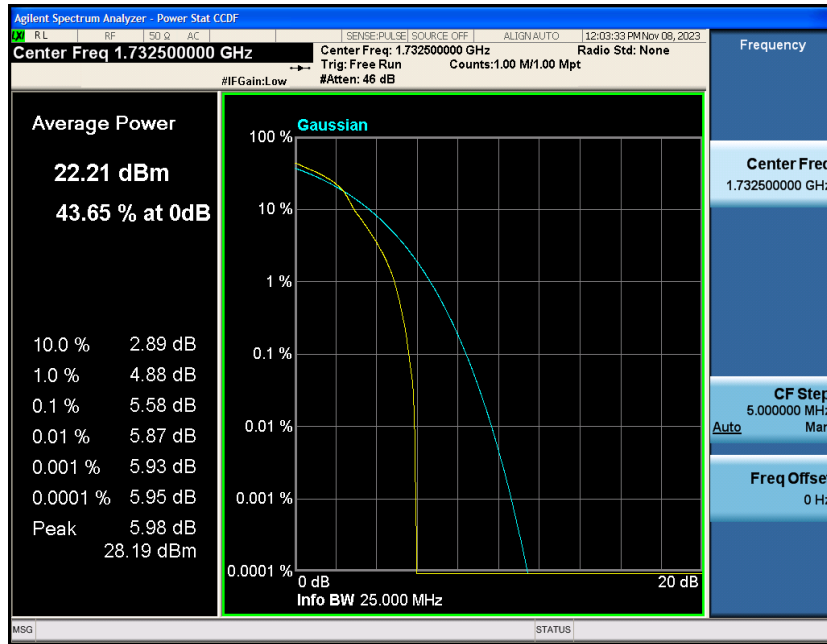


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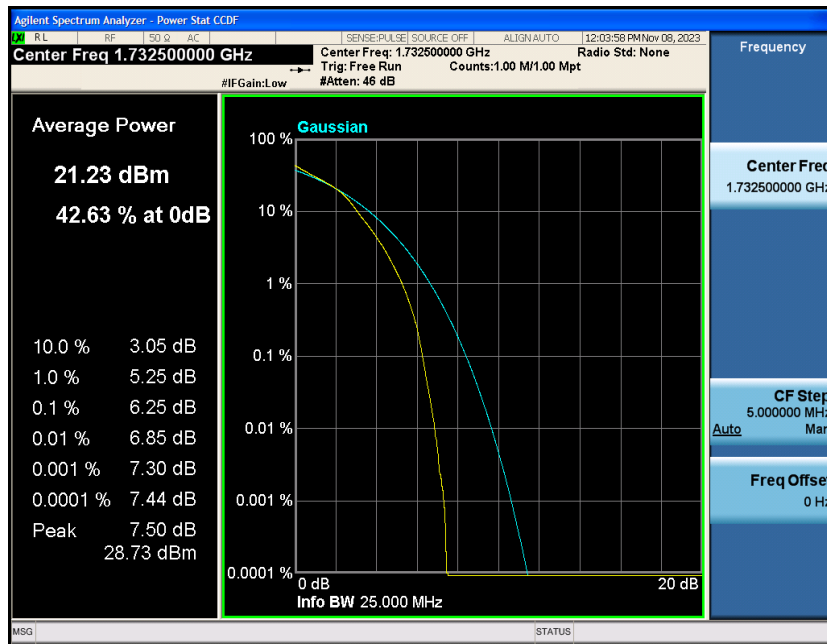


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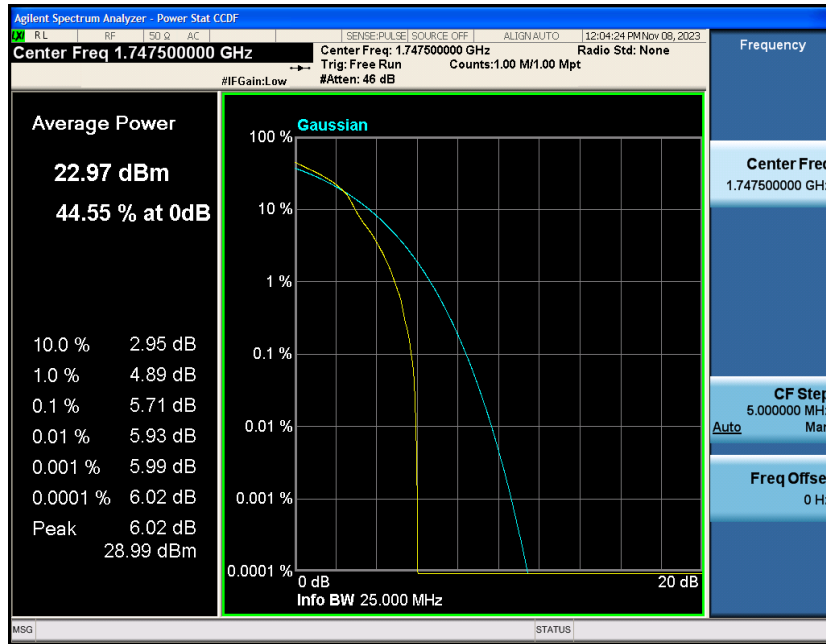




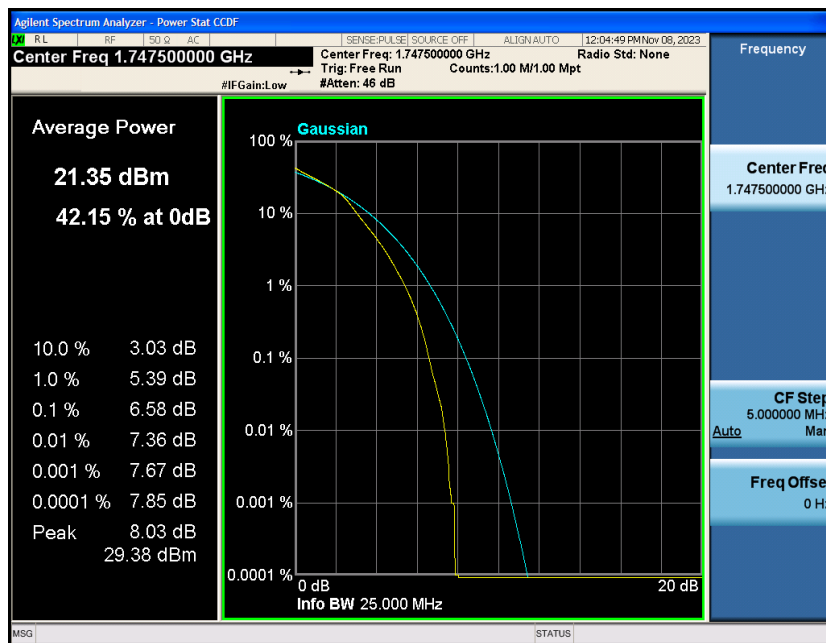
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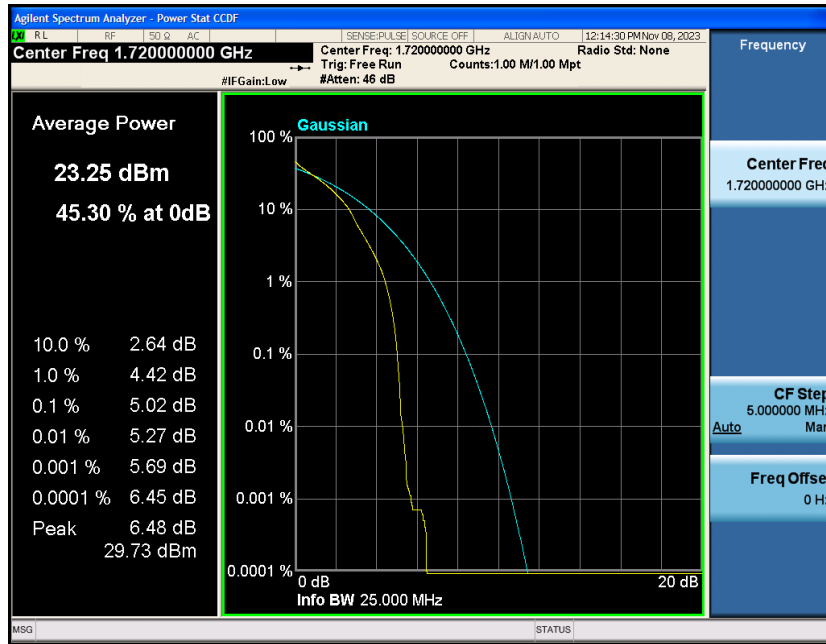
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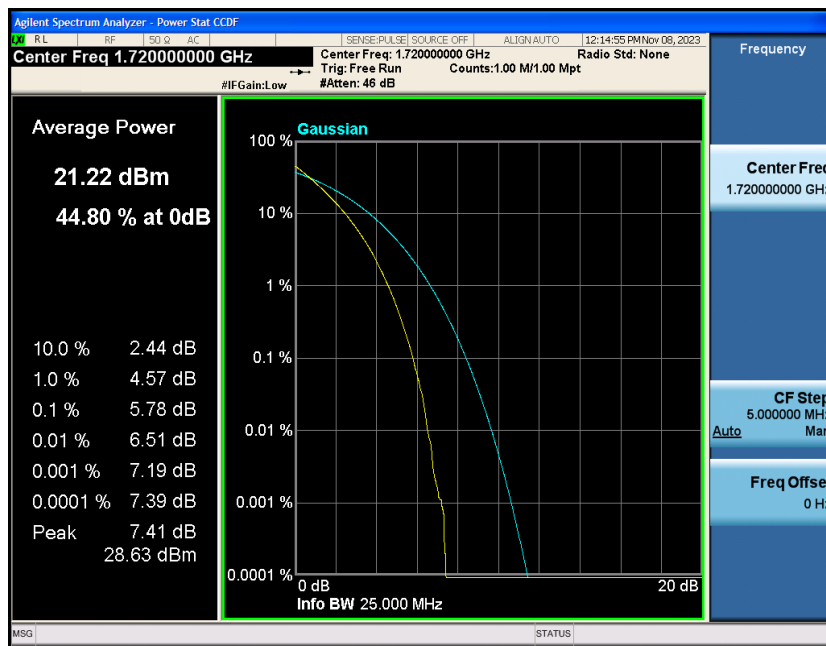
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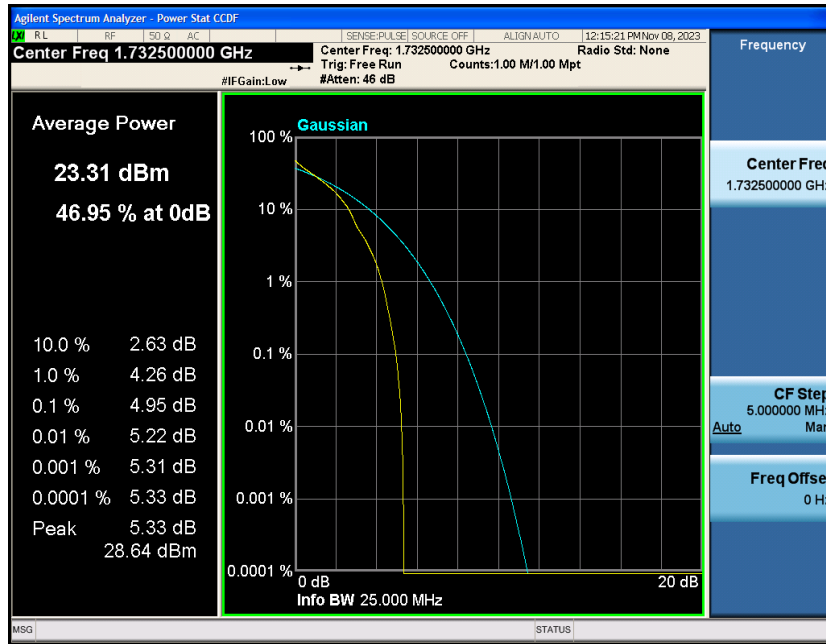
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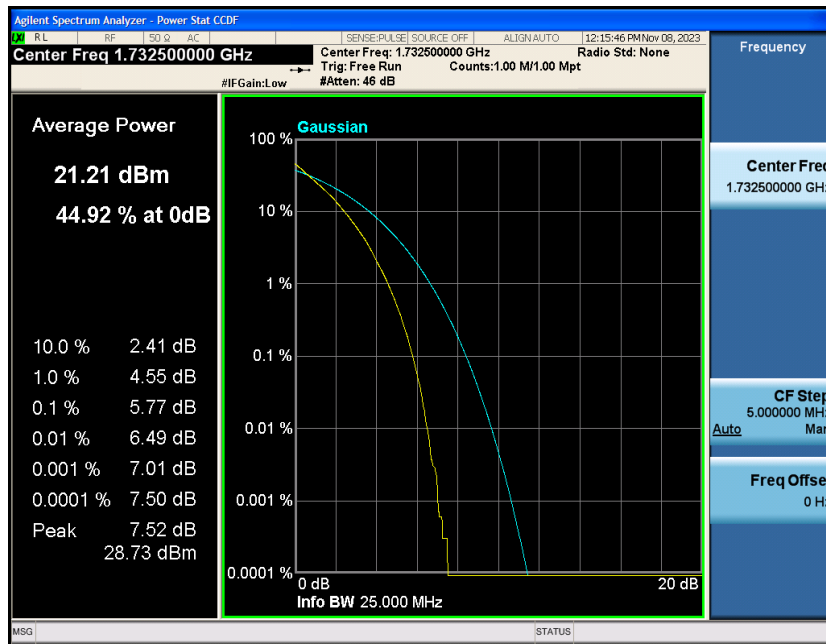
Band4-20MHz-QPSK-20050-100RB#0



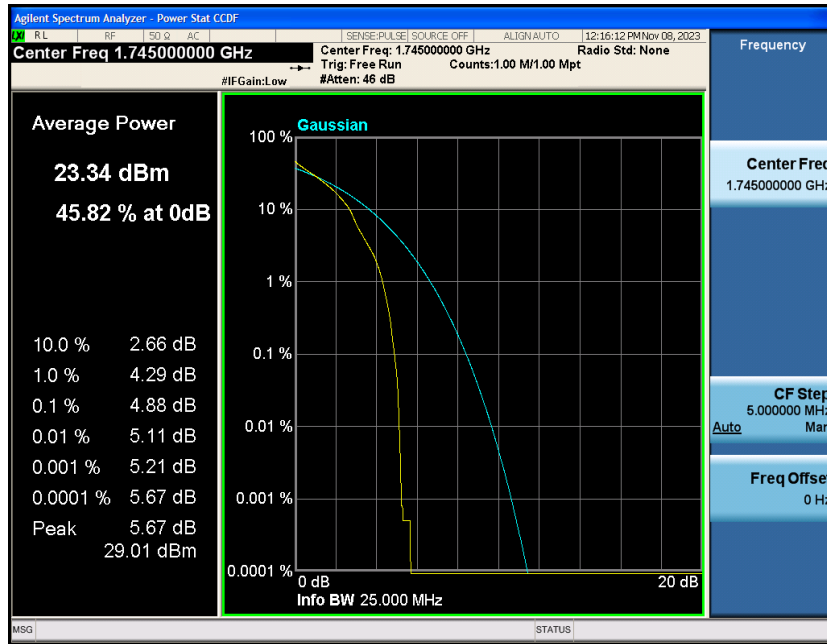
Band4-20MHz-QPSK-20175-1RB#0



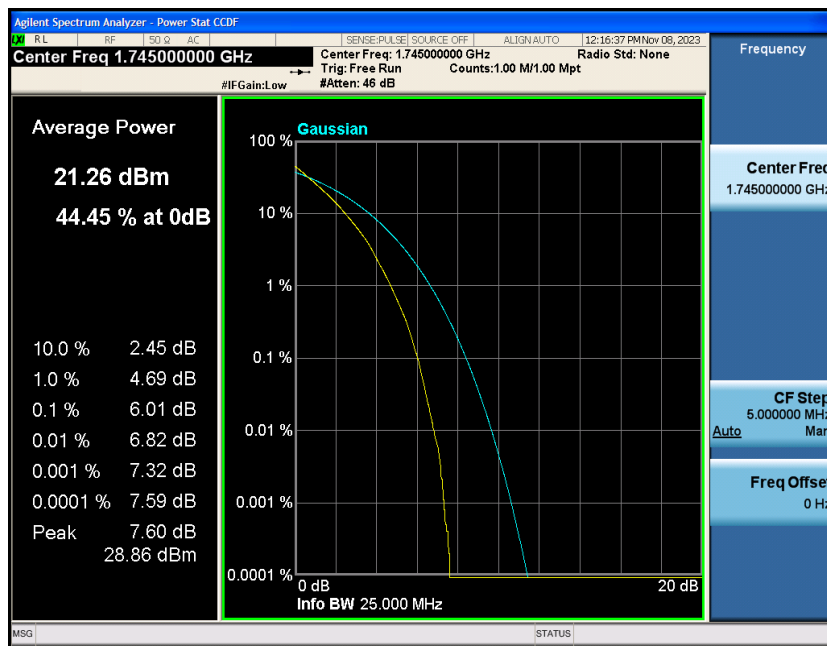
Band4-20MHz-QPSK-20175-100RB#0



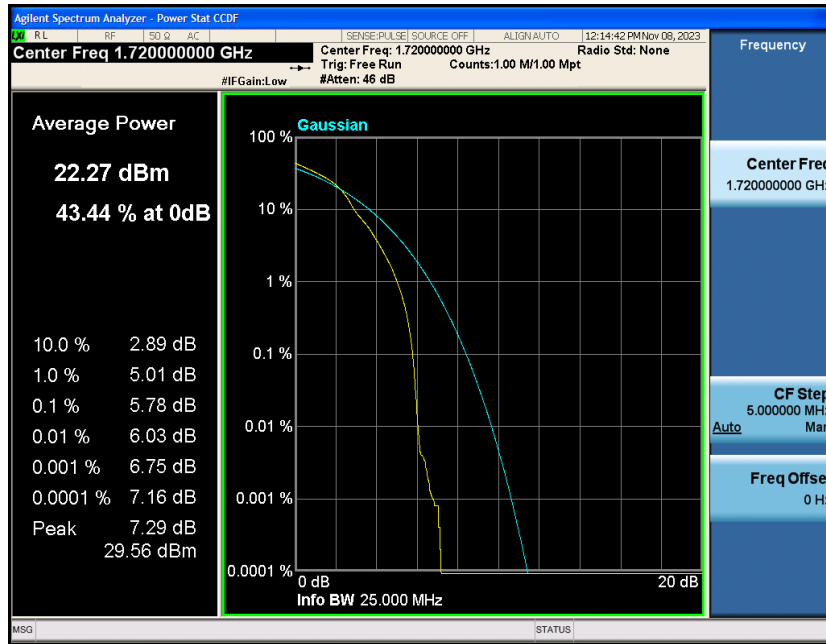
Band4-20MHz-QPSK-20300-1RB#0



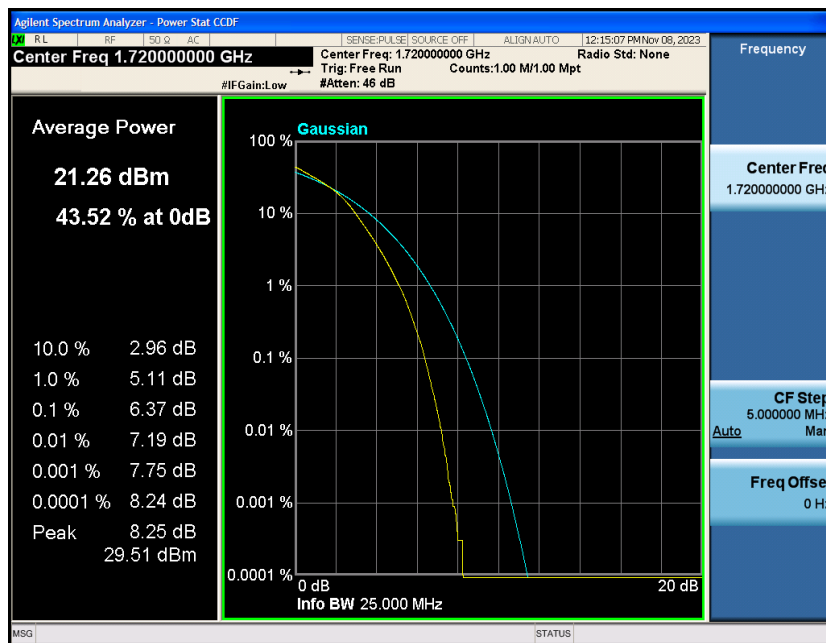
Band4-20MHz-QPSK-20300-100RB#0



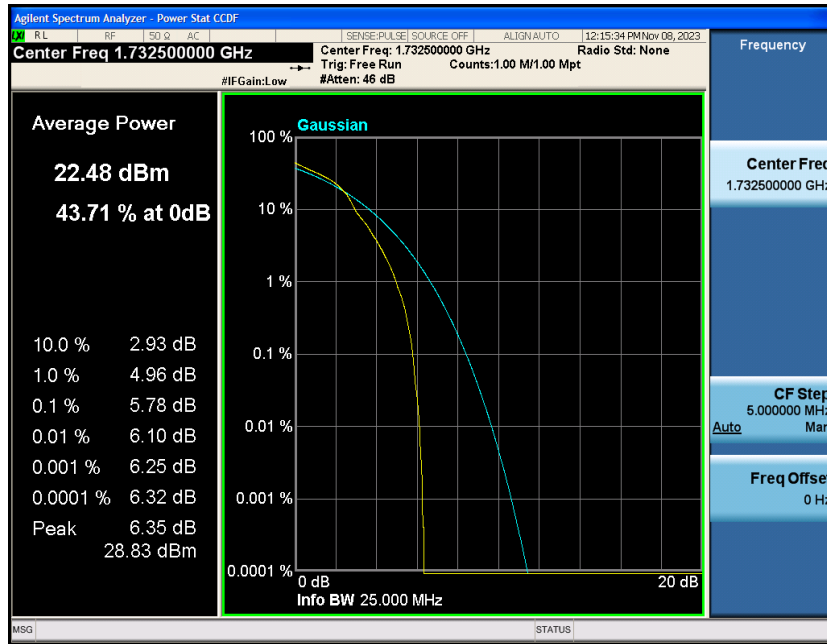
Band4-20MHz-16QAM-20050-1RB#0



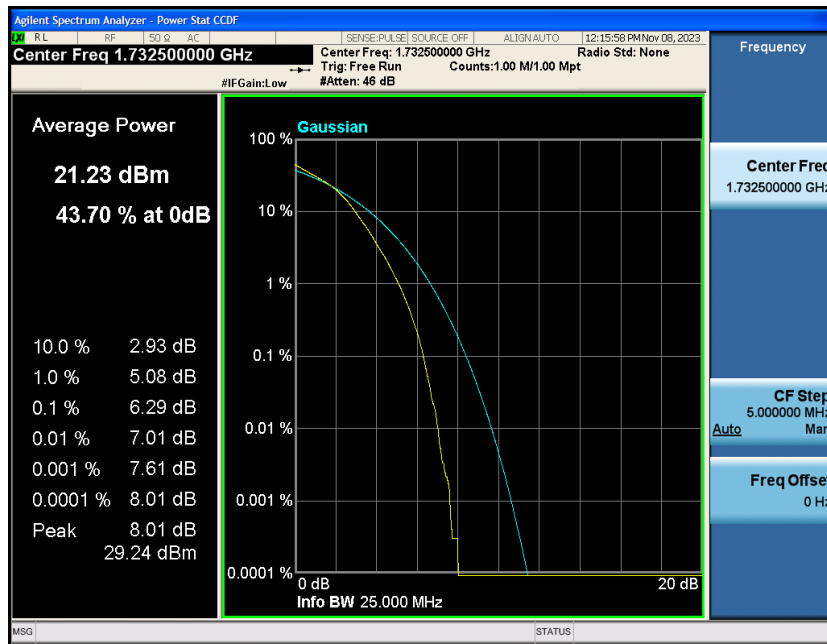
Band4-20MHz-16QAM-20050-100RB#0



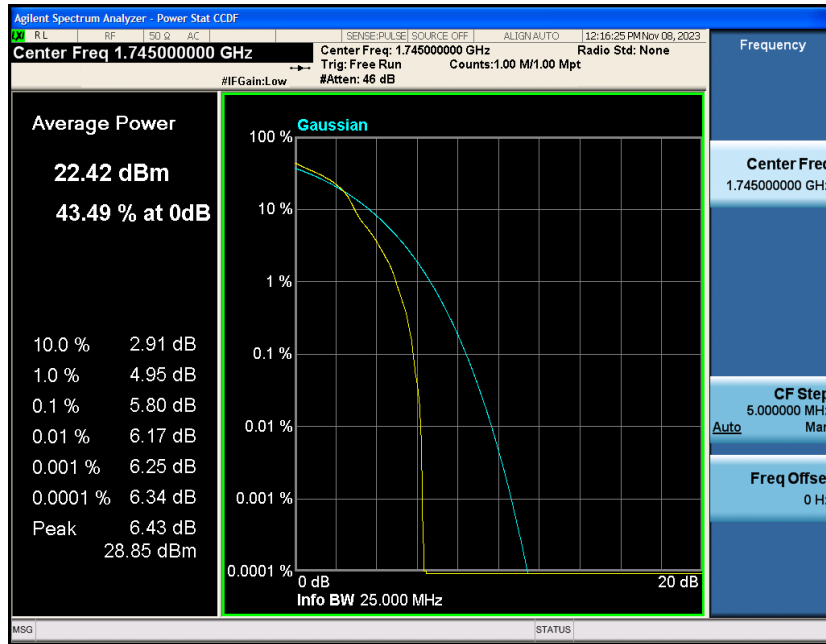
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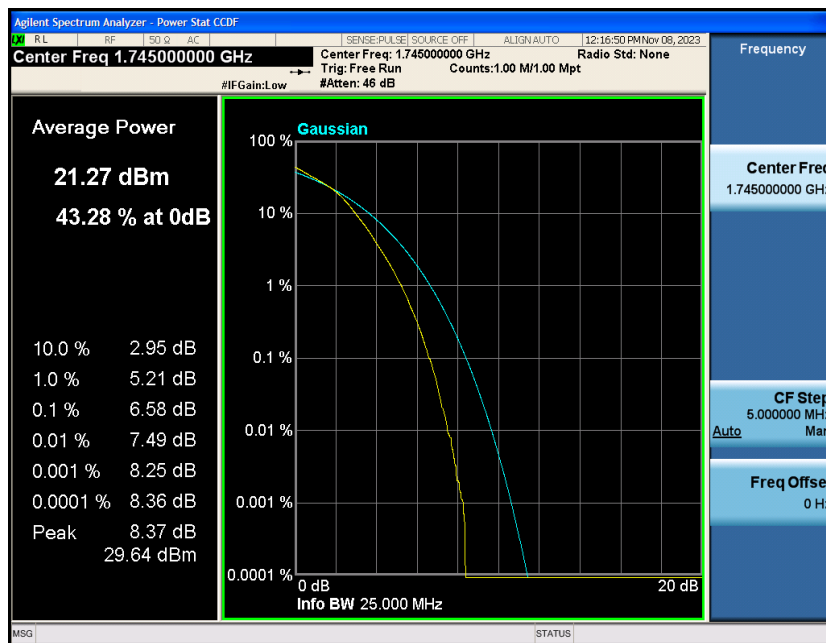
Band4-20MHz-16QAM-20175-100RB#0



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



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





## Appendix C: 26dB Bandwidth and Occupied Bandwidth

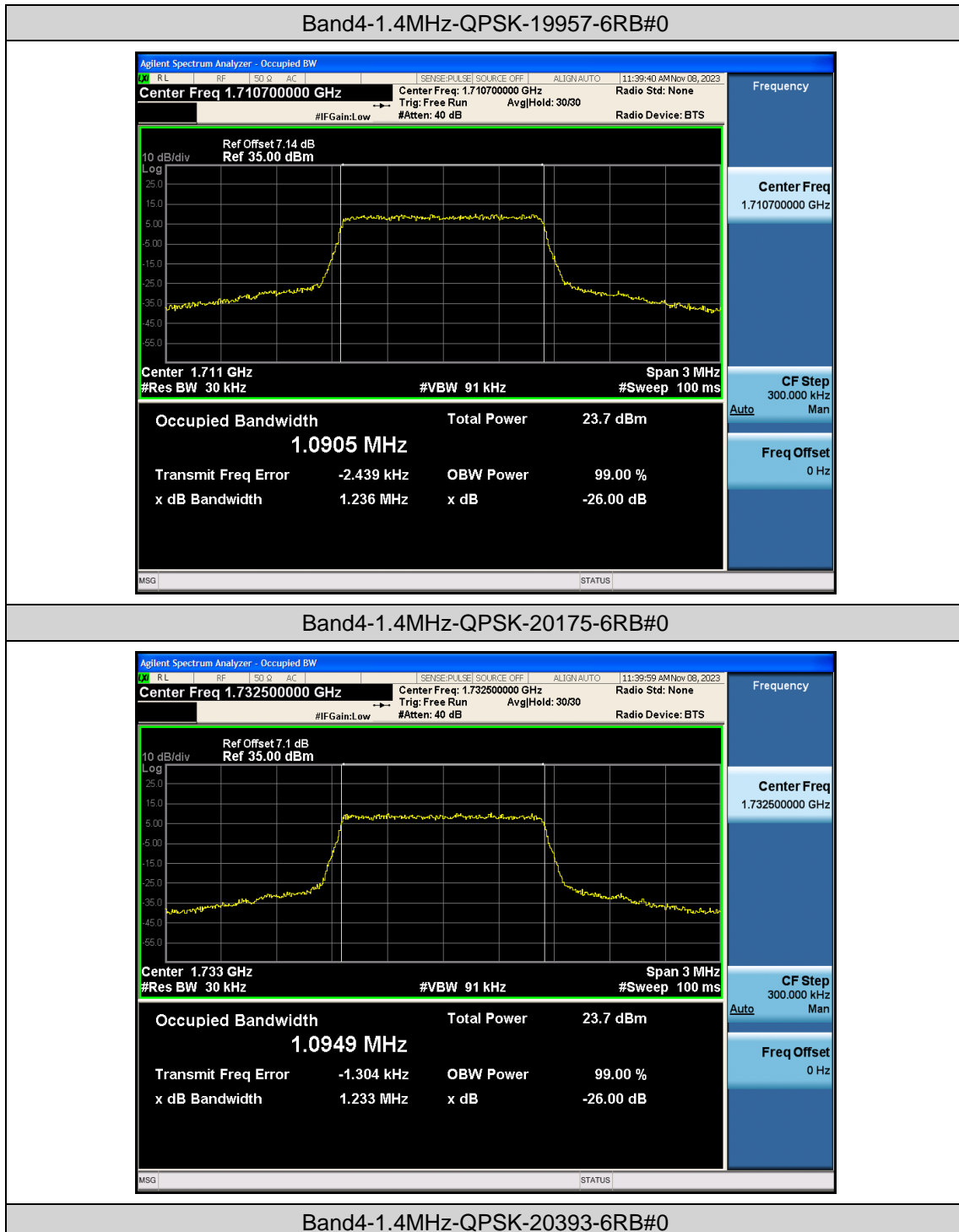
### Test Result

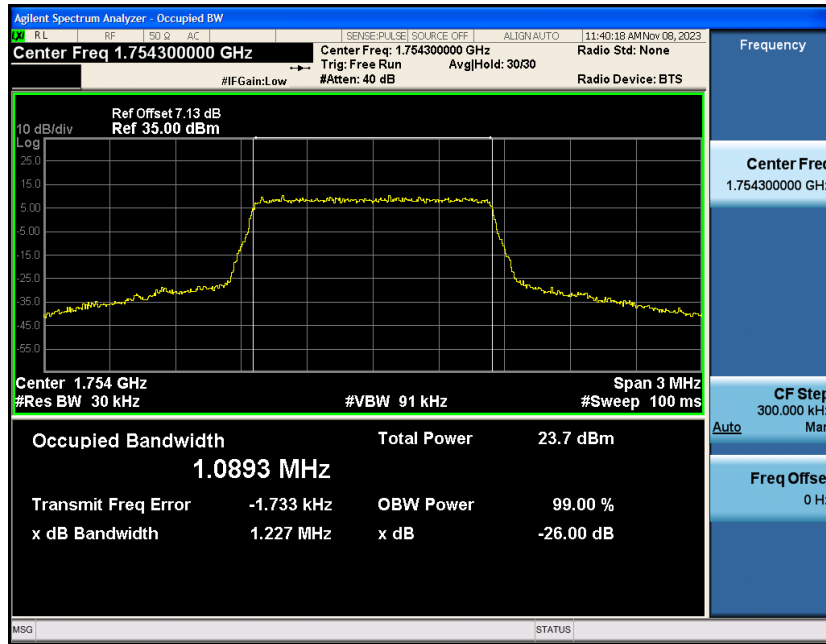
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0905	1.236	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0949	1.233	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0893	1.227	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0911	1.241	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0906	1.235	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0908	1.225	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6935	2.965	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6985	2.975	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7002	2.976	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6929	2.962	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6981	2.993	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6967	2.956	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4997	4.882	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4891	4.886	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4976	4.874	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4979	4.883	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5002	4.890	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5023	4.876	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9863	9.623	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9716	9.550	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9908	9.603	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9873	9.597	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9706	9.590	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9744	9.586	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.467	14.30	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.440	14.29	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.466	14.30	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.456	14.30	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.441	14.35	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.473	14.36	PASS
Band4	20MHz	QPSK	20050	100RB#0	9.1481	9.855	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.921	19.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.986	19.02	PASS



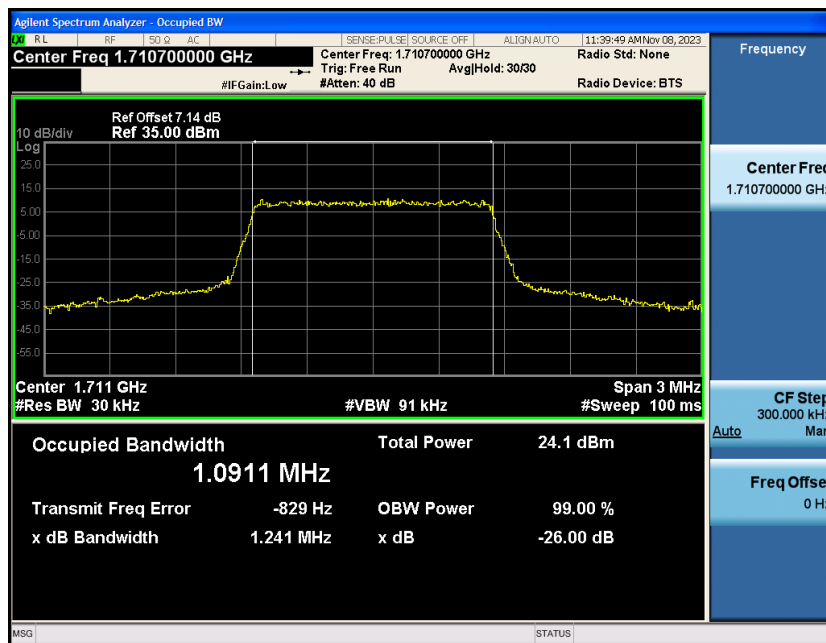
Band4	20MHz	16QAM	20050	100RB#0	17.941	18.97	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.920	18.98	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.973	19.00	PASS

### Test Graphs

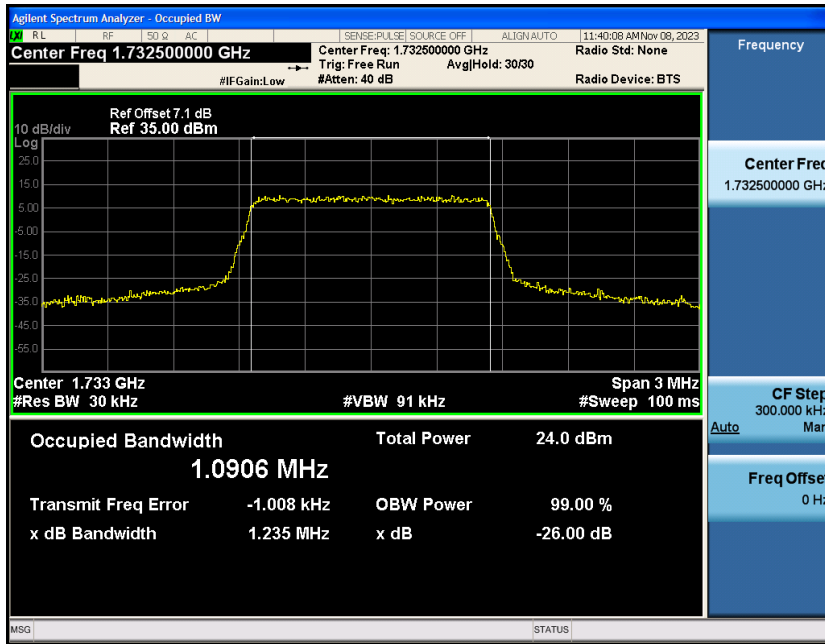




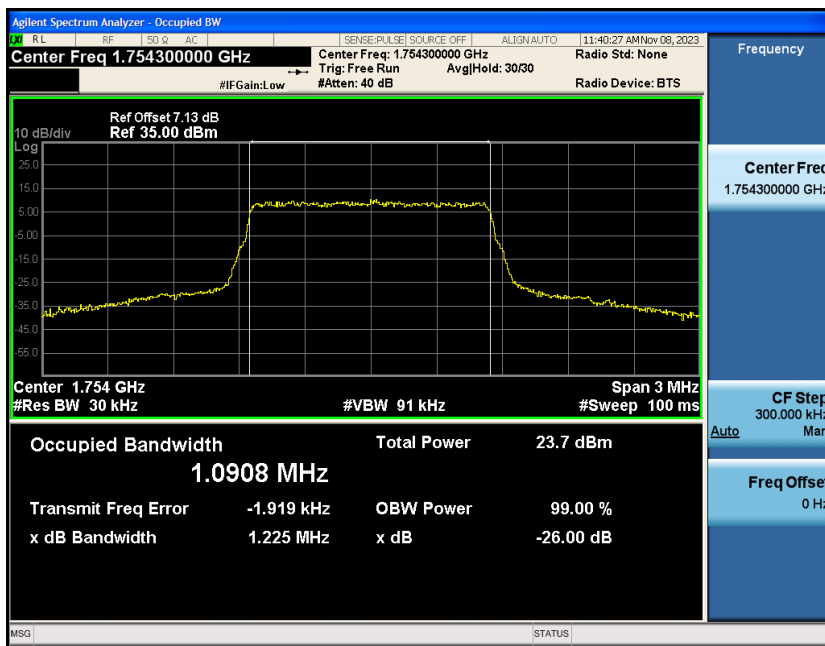
Band4-1.4MHz-16QAM-19957-6RB#0



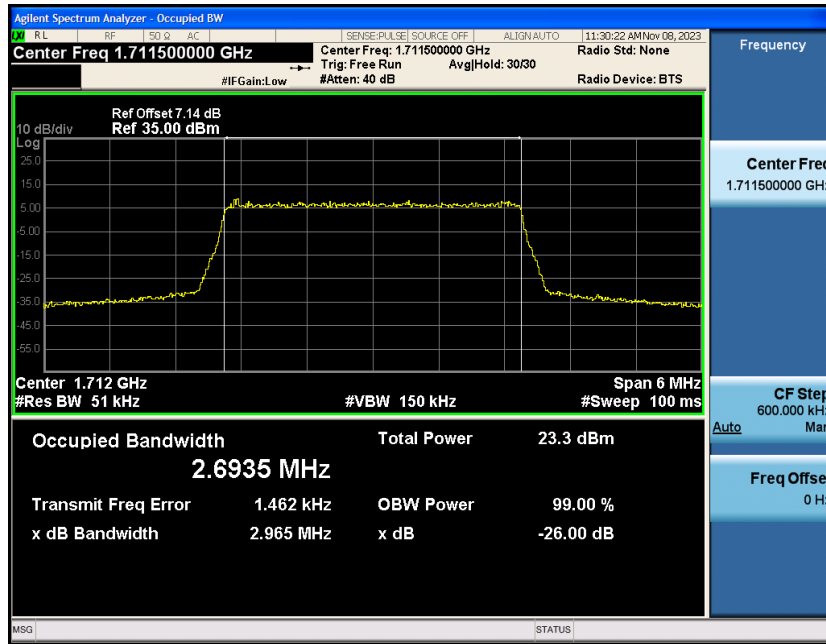
Band4-1.4MHz-16QAM-20175-6RB#0



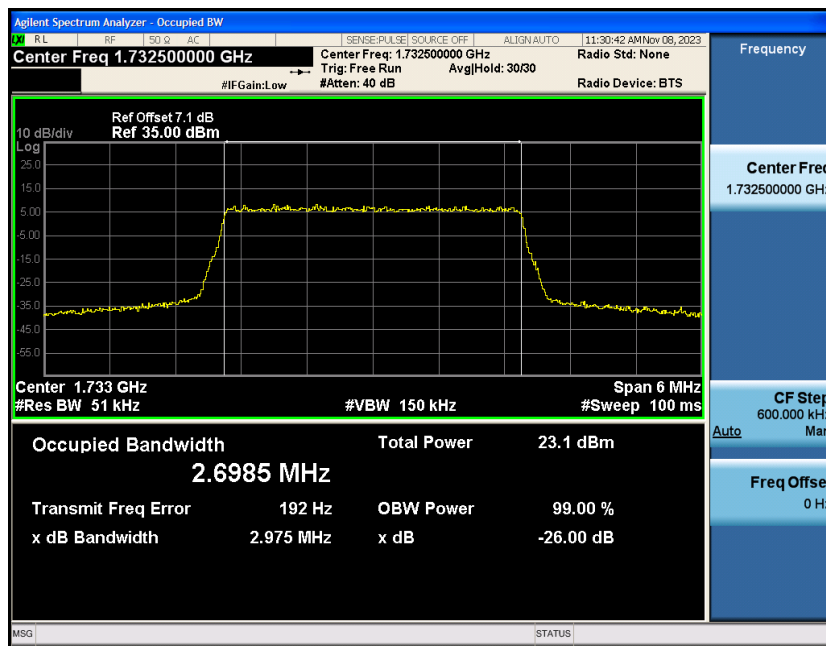
Band4-1.4MHz-16QAM-20393-6RB#0



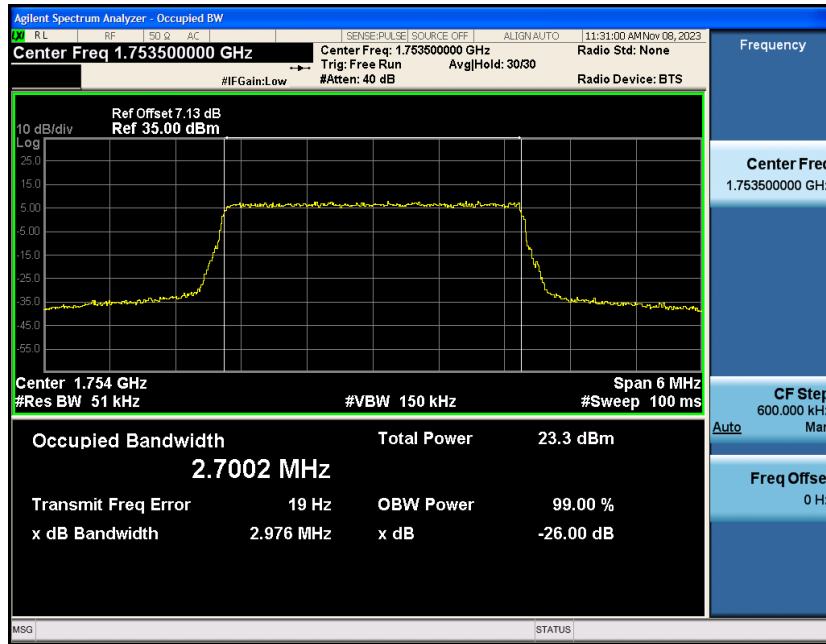
Band4-3MHz-QPSK-19965-15RB#0



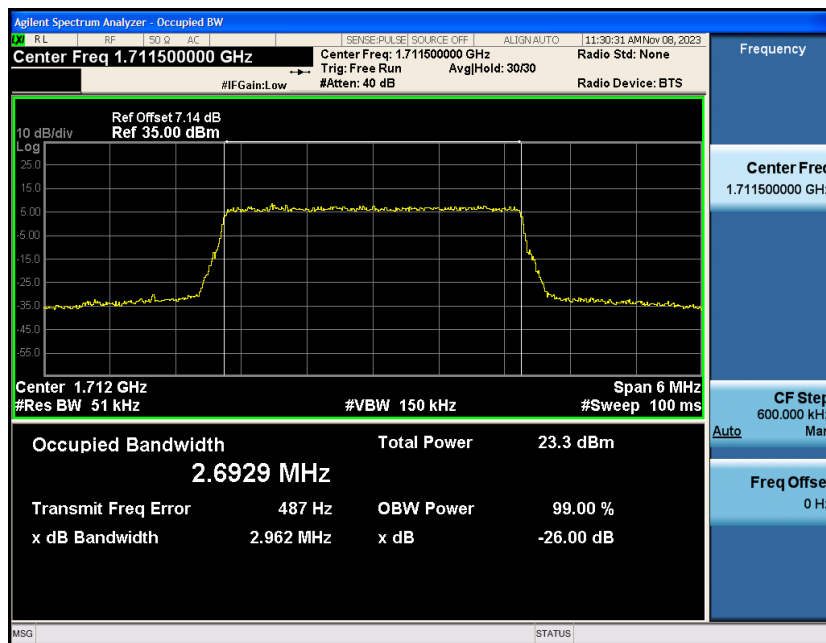
Band4-3MHz-QPSK-20175-15RB#0



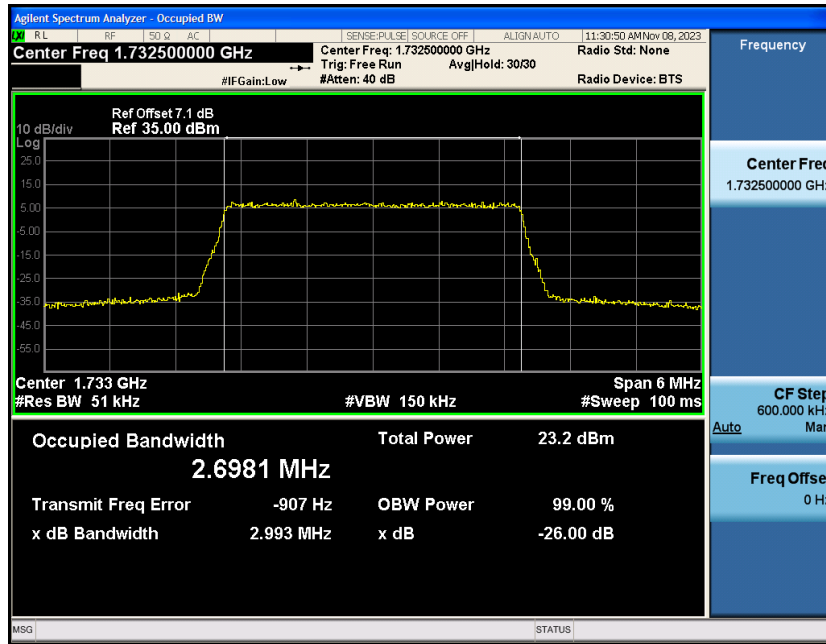
Band4-3MHz-QPSK-20385-15RB#0



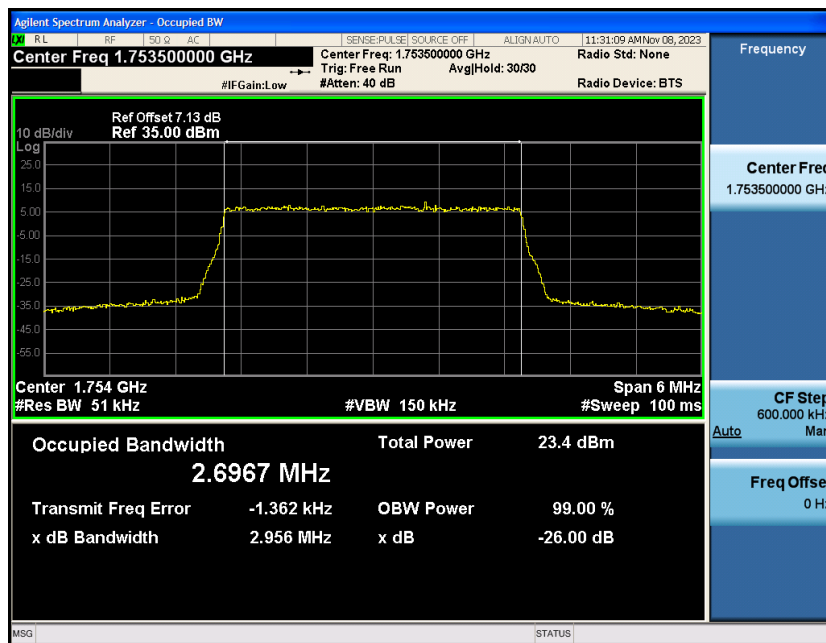
Band4-3MHz-16QAM-19965-15RB#0



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

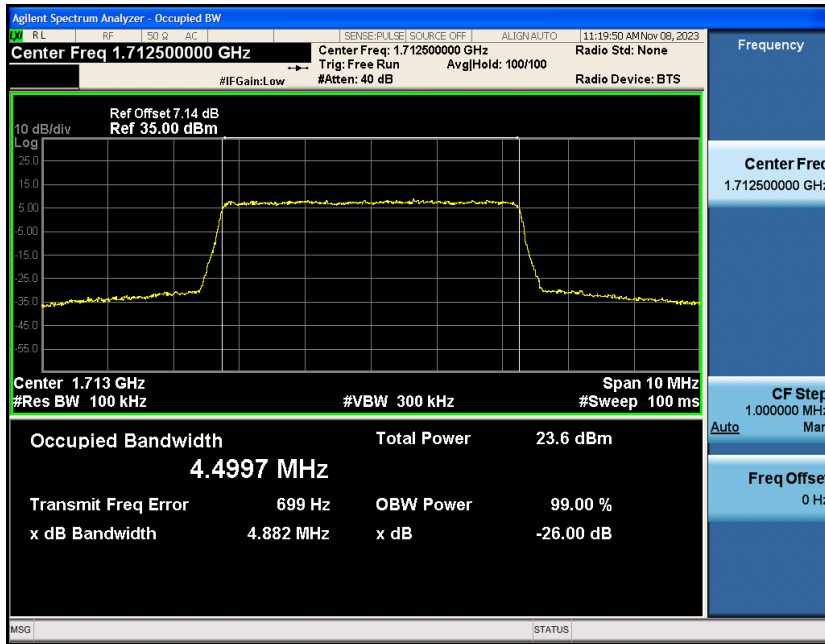


Band4-3MHz-16QAM-20385-15RB#0

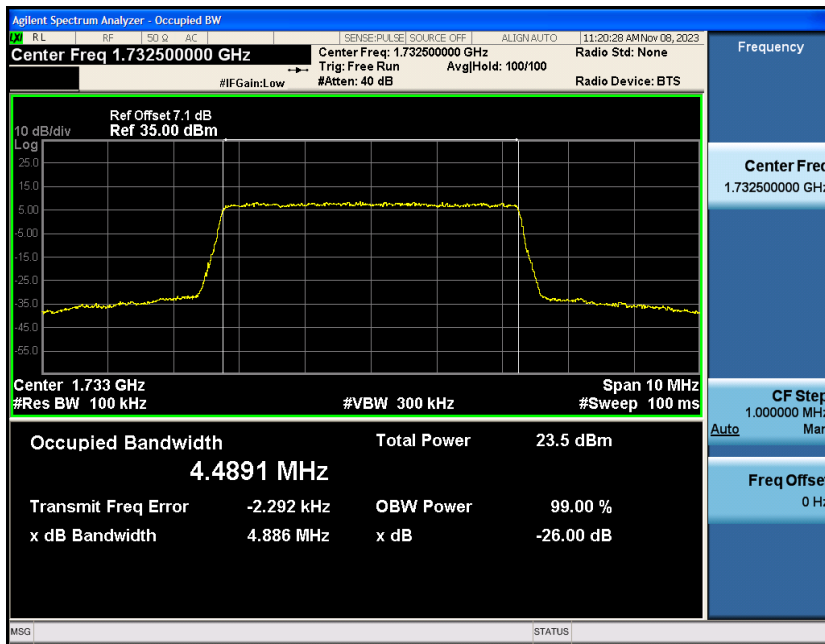


Band4-5MHz-QPSK-19975-25RB#0





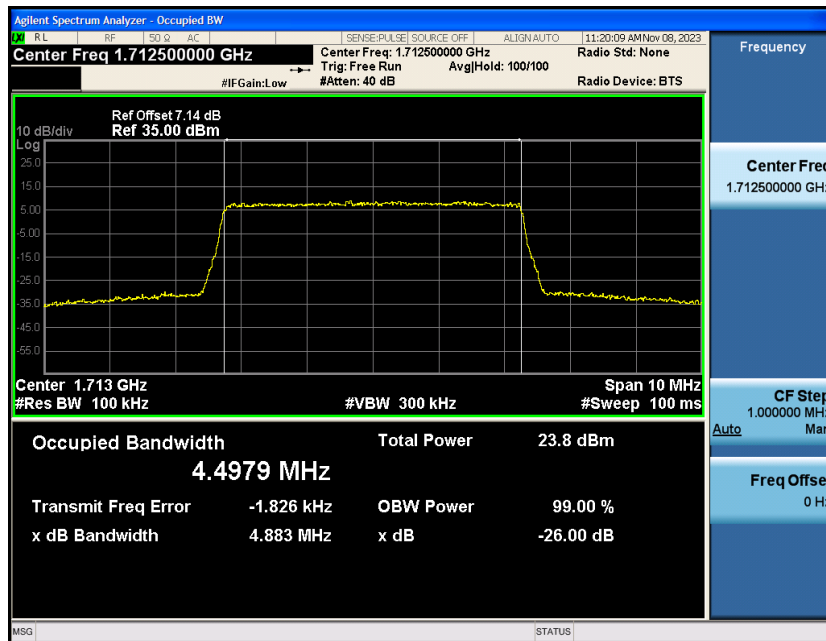
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Band4-5MHz-QPSK-20375-25RB#0



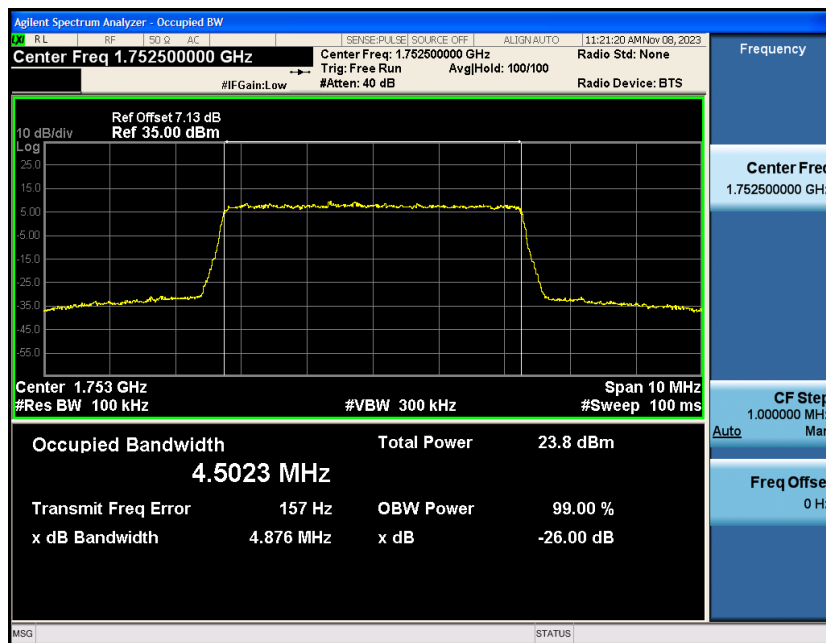
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Band4-5MHz-16QAM-20175-25RB#0



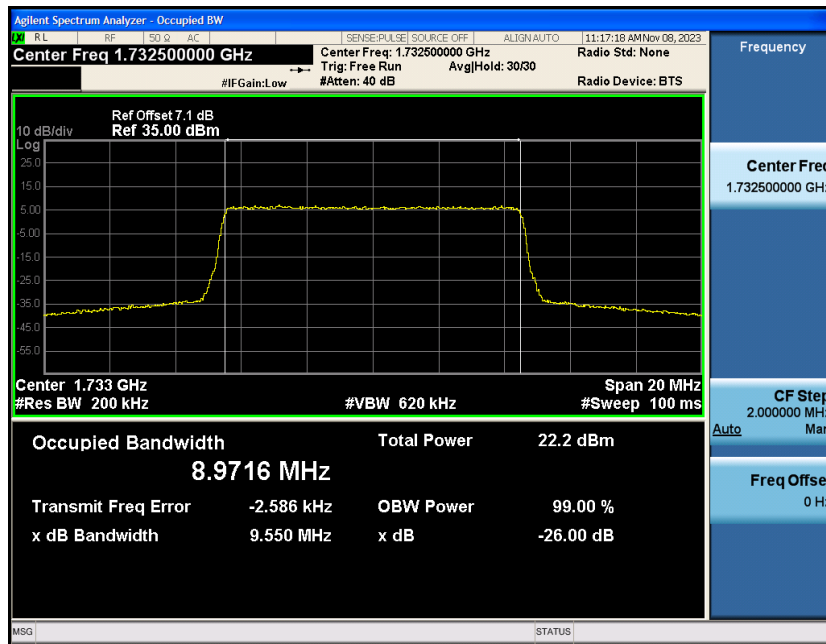
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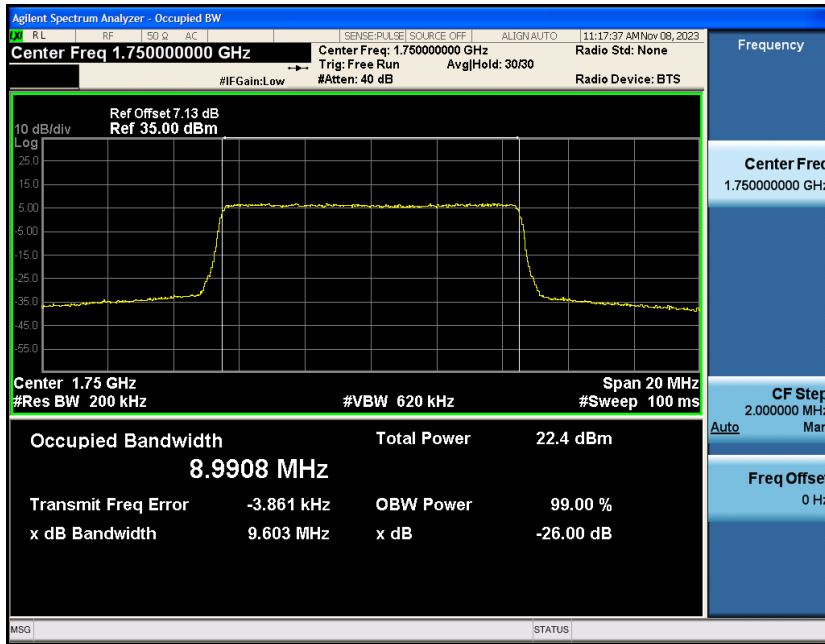
Band4-10MHz-QPSK-20000-50RB#0



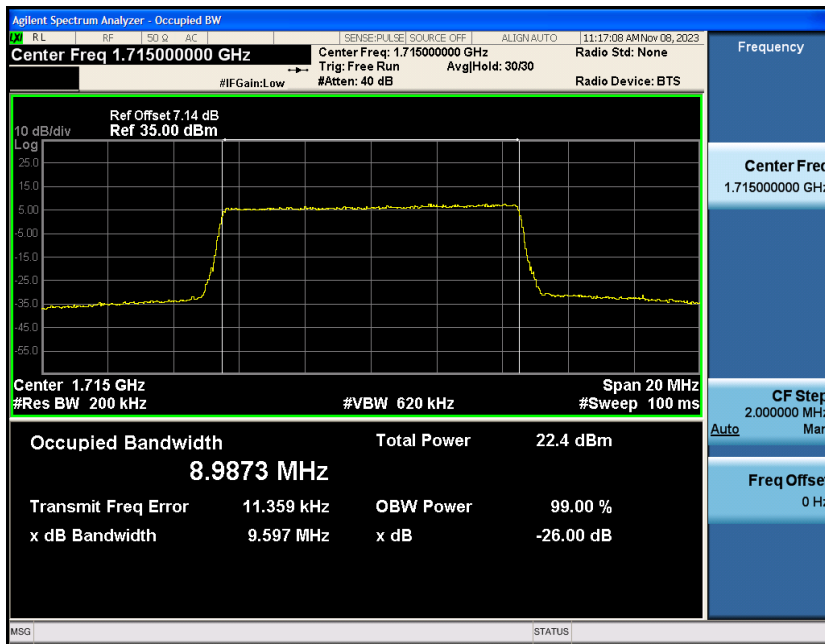
Band4-10MHz-QPSK-20175-50RB#0



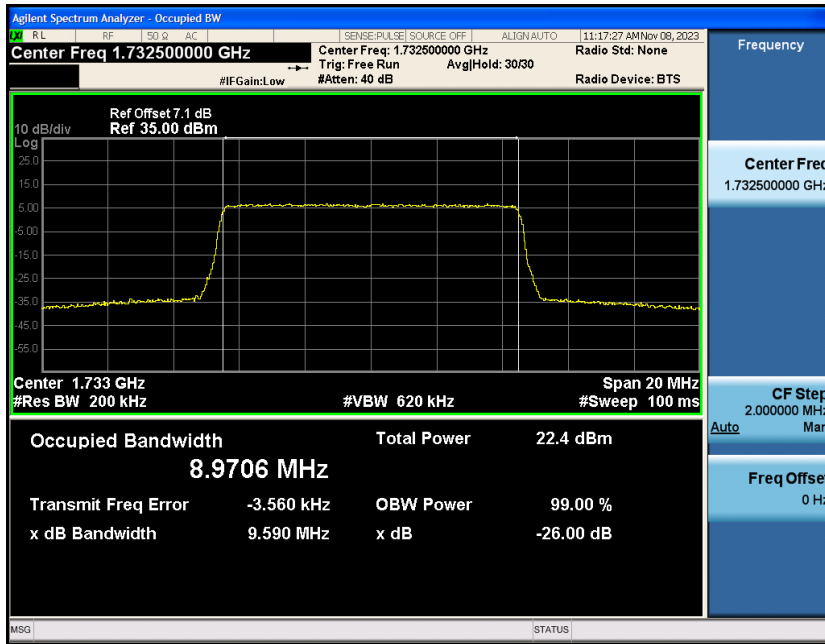
Band4-10MHz-QPSK-20350-50RB#0



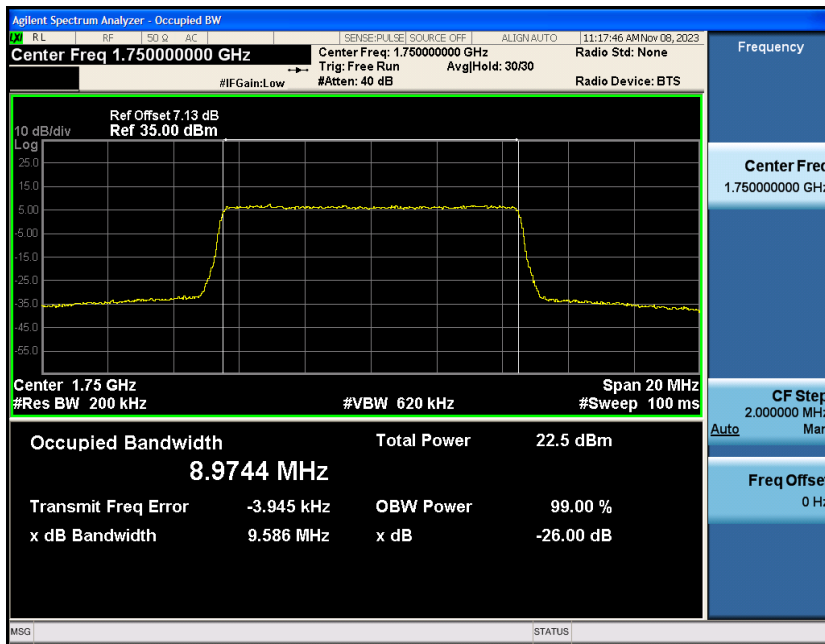
Band4-10MHz-16QAM-20000-50RB#0



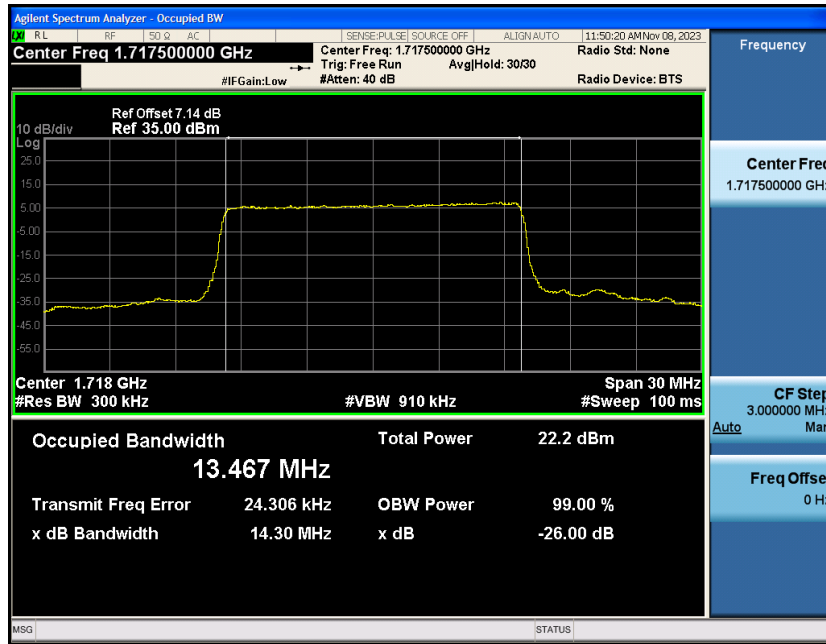
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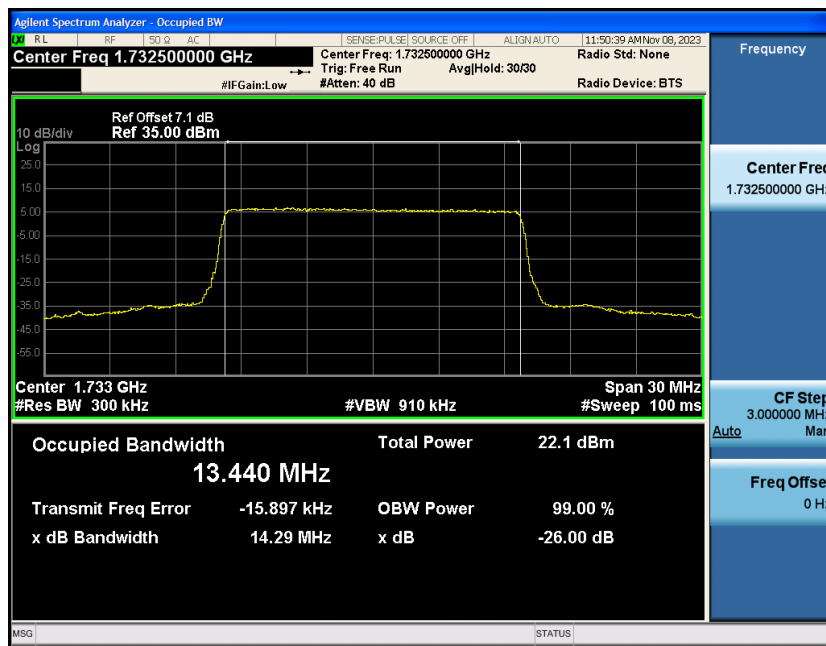
Band4-10MHz-16QAM-20350-50RB#0



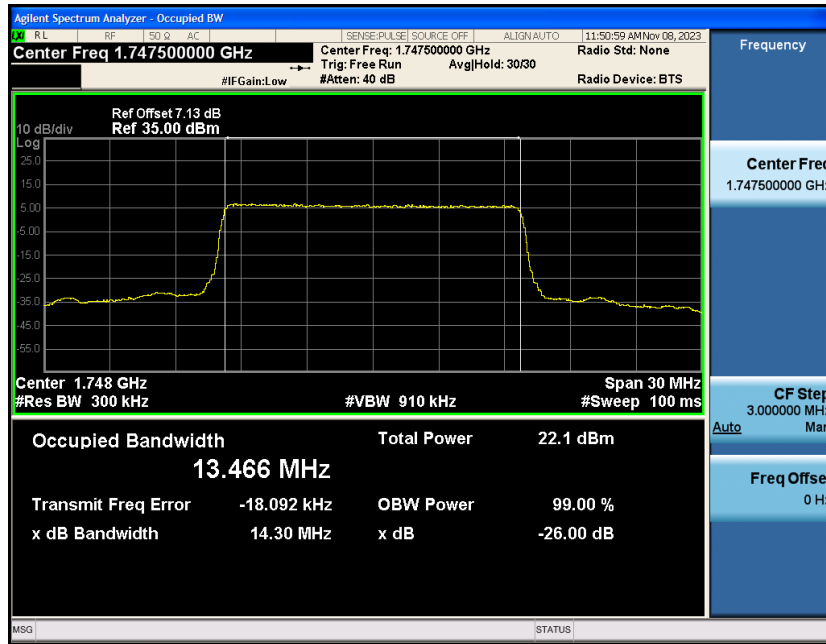
Band4-15MHz-QPSK-20025-75RB#0



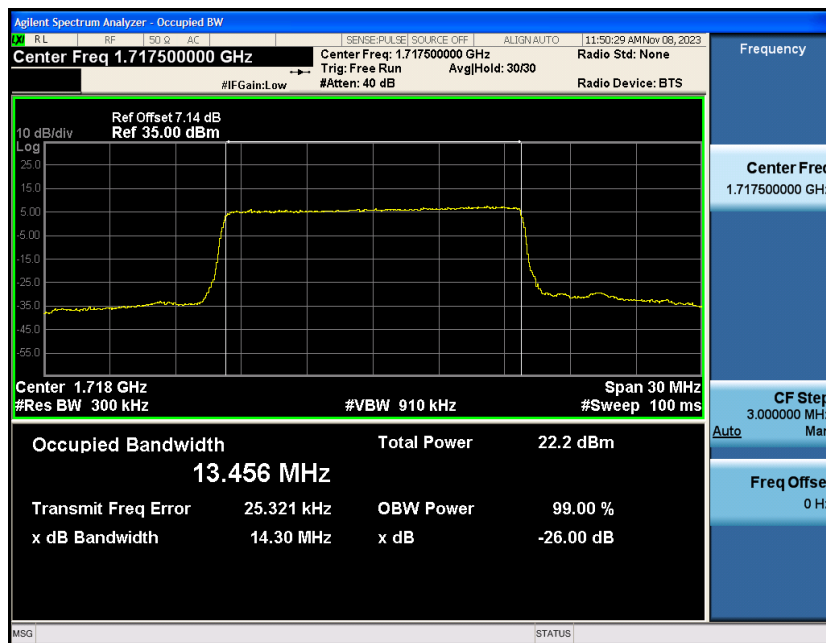
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Band4-15MHz-QPSK-20325-75RB#0

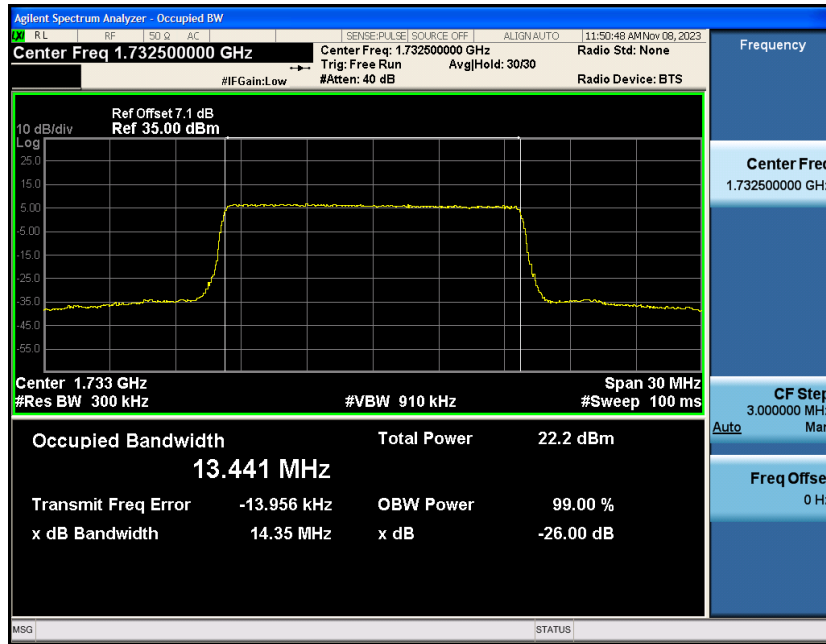


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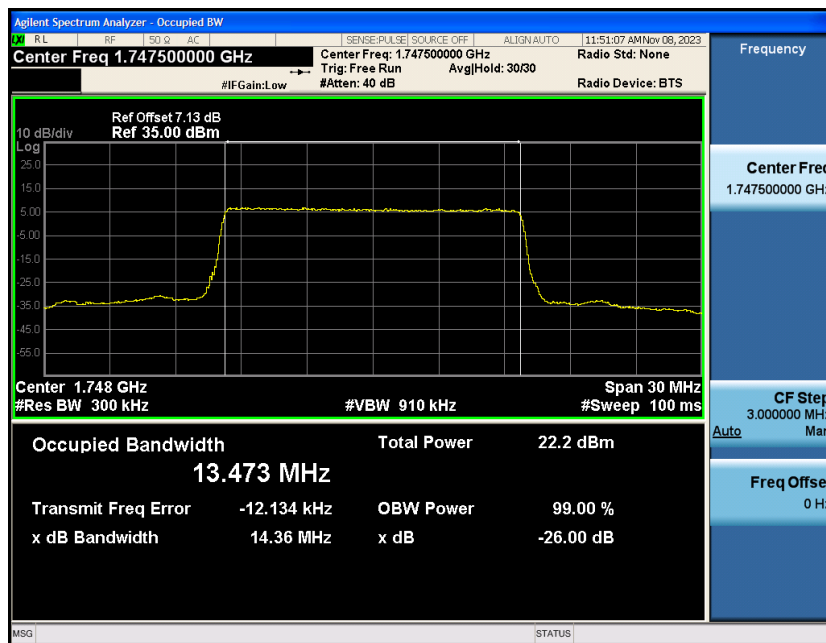


Band4-15MHz-16QAM-20175-75RB#0





Band4-15MHz-16QAM-20325-75RB#0



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