

## AppendixA: Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.59	17.63	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.70	17.74	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.56	17.6	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.65	17.69	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.67	17.71	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.67	17.71	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.66	16.7	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.89	17.93	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.90	17.94	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.87	17.91	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.93	17.97	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.95	17.99	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.95	17.99	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.99	17.03	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.87	17.91	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.99	<b>18.03</b>	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.83	17.87	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.92	17.96	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.93	17.97	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.95	17.99	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.94	16.98	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.66	16.7	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.86	16.9	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.69	16.73	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.54	16.58	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.52	16.56	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.51	16.55	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.66	15.7	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.96	17	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.11	<b>17.15</b>	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.99	17.03	PASS

Band12	1.4MHz	16QAM	23095	3RB#0	22.85	16.89	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.85	16.89	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.80	16.84	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.99	16.03	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.90	16.94	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.09	17.13	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.90	16.94	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.80	16.84	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.78	16.82	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.81	16.85	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.84	15.88	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.91	17.95	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.94	17.98	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.95	17.99	PASS
Band12	3MHz	QPSK	23025	8RB#0	23.00	17.04	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.99	17.03	PASS
Band12	3MHz	QPSK	23025	8RB#7	23.03	17.07	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.01	17.05	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.00	18.04	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.98	18.02	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.95	17.99	PASS
Band12	3MHz	QPSK	23095	8RB#0	23.03	17.07	PASS
Band12	3MHz	QPSK	23095	8RB#4	23.07	17.11	PASS
Band12	3MHz	QPSK	23095	8RB#7	23.03	17.07	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.99	17.03	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.95	17.99	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.01	<b>18.05</b>	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.92	17.96	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.08	17.12	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.05	17.09	PASS
Band12	3MHz	QPSK	23165	8RB#7	23.05	17.09	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.96	17	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.12	17.16	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.11	17.15	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.10	17.14	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.05	16.09	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.08	16.12	PASS

Band12	3MHz	16QAM	23025	8RB#7	22.04	16.08	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.97	16.01	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.16	<b>17.2</b>	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.14	17.18	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.07	17.11	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.07	16.11	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.05	16.09	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.04	16.08	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.94	15.98	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.84	16.88	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.90	16.94	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.89	16.93	PASS
Band12	3MHz	16QAM	23165	8RB#0	22.06	16.1	PASS
Band12	3MHz	16QAM	23165	8RB#4	22.10	16.14	PASS
Band12	3MHz	16QAM	23165	8RB#7	22.01	16.05	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.86	15.9	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.84	17.88	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.99	<b>18.03</b>	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.84	17.88	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.94	16.98	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.95	16.99	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.94	16.98	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.93	16.97	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.82	17.86	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.96	18	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.84	17.88	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.90	16.94	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.95	16.99	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.87	16.91	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.93	16.97	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.82	17.86	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.98	18.02	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.80	17.84	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.92	16.96	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.85	16.89	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.84	16.88	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.89	16.93	PASS

Band12	5MHz	16QAM	23035	1RB#0	22.82	16.86	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.95	16.99	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.86	16.9	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.91	15.95	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.90	15.94	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.91	15.95	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.92	15.96	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.04	17.08	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.16	<b>17.2</b>	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.98	17.02	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.89	15.93	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.98	16.02	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.91	15.95	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.90	15.94	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.80	16.84	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.93	16.97	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.77	16.81	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.97	16.01	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.93	15.97	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.87	15.91	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.01	16.05	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.76	17.8	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.98	18.02	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.76	17.8	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.97	17.01	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.97	17.01	PASS
Band12	10MHz	QPSK	23060	25RB#25	23.01	17.05	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.99	17.03	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.87	17.91	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.03	18.07	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.81	17.85	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.95	16.99	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.98	17.02	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.95	16.99	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.99	17.03	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.88	17.92	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.06	<b>18.1</b>	PASS

Band12	10MHz	QPSK	23130	1RB#49	23.86	17.9	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.96	17	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.94	16.98	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.88	16.92	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.93	16.97	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.97	17.01	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.17	<b>17.21</b>	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.99	17.03	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.98	16.02	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.95	15.99	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.96	16	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.98	16.02	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.00	17.04	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.16	17.2	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.99	17.03	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.96	16	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.96	16	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.97	16.01	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.96	16	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.80	16.84	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.03	17.07	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.70	16.74	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.07	16.11	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.04	16.08	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.99	16.03	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.97	16.01	PASS

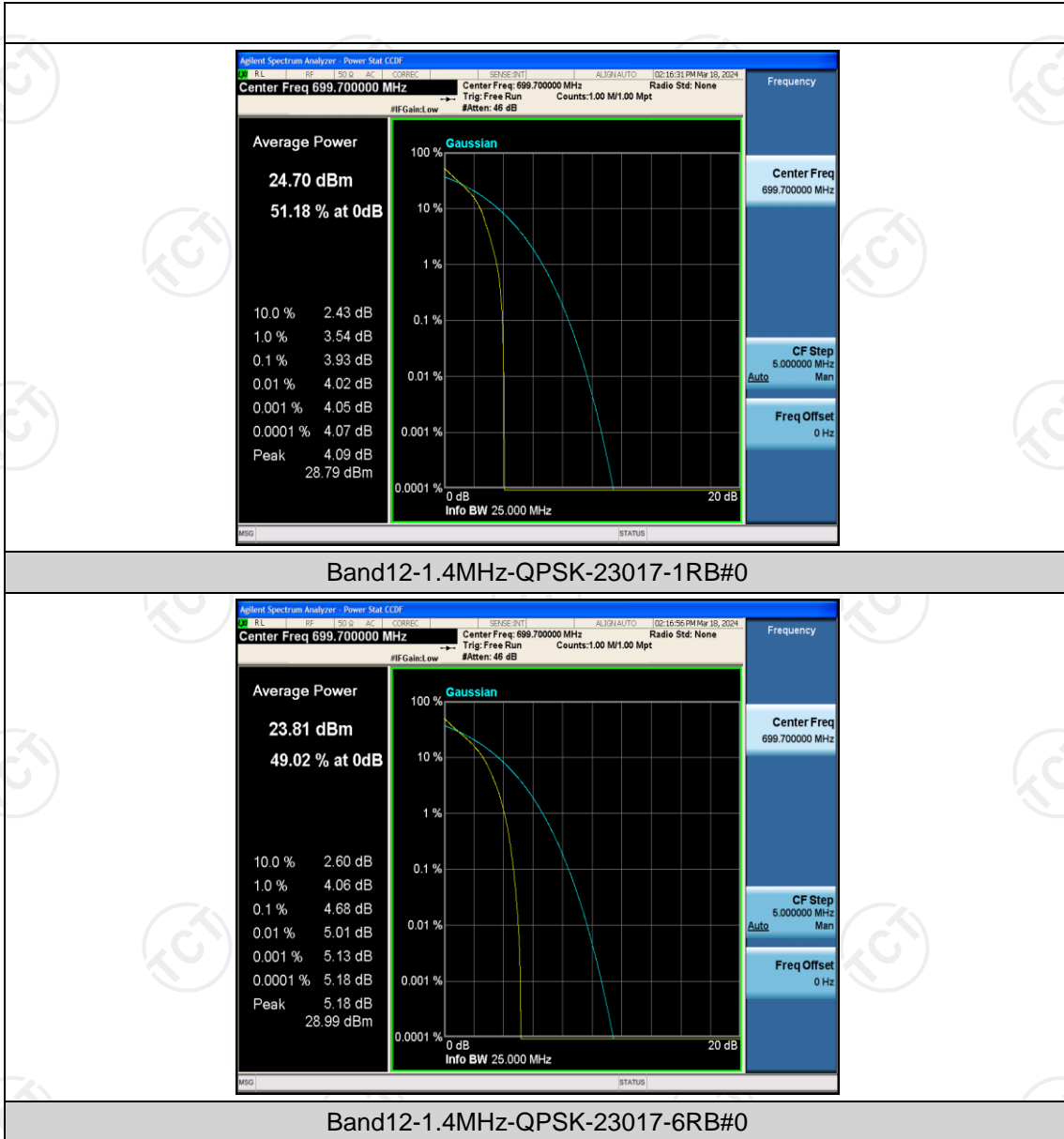
## Appendix B: Peak-to-Average Ratio (CCDF)

### Test Result

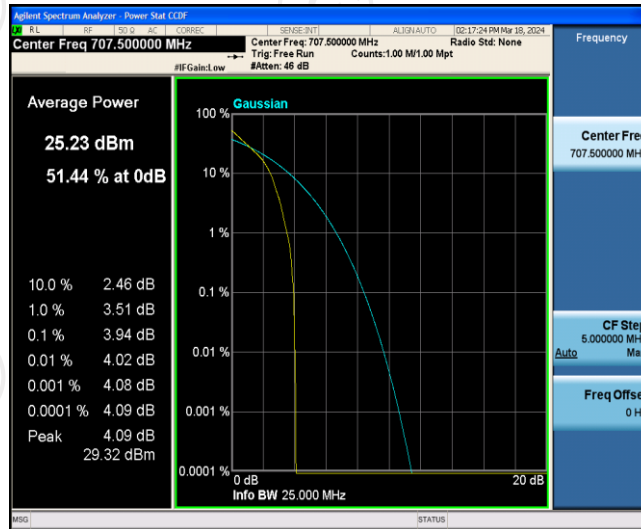
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	3.93	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.68	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3.94	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.69	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.45	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.24	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	4.90	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.56	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	4.89	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.49	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.51	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.11	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.83	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.72	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	3.66	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.71	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.64	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.44	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.67	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.60	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	4.53	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.60	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	4.57	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.32	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.05	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.71	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	3.90	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.83	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.20	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.73	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	4.81	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.53	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	4.62	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.68	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	4.91	13	PASS

Band12	5MHz	16QAM	23155	25RB#0	5.52	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.92	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.77	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.60	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.83	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	3.88	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.88	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	4.85	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.61	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.50	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.71	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	4.80	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.71	13	PASS

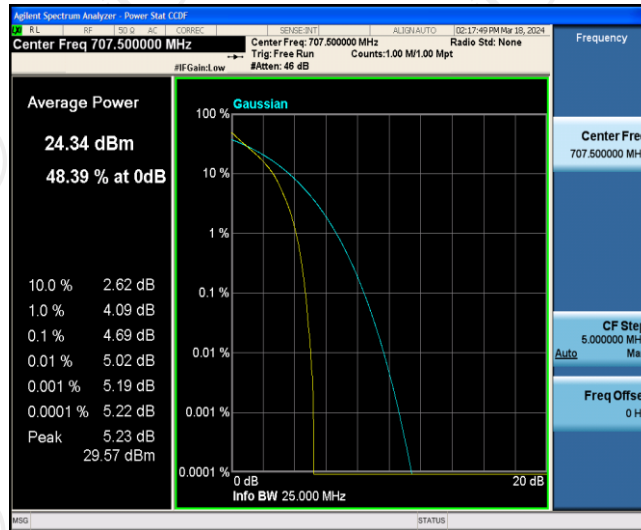
## Test Graphs



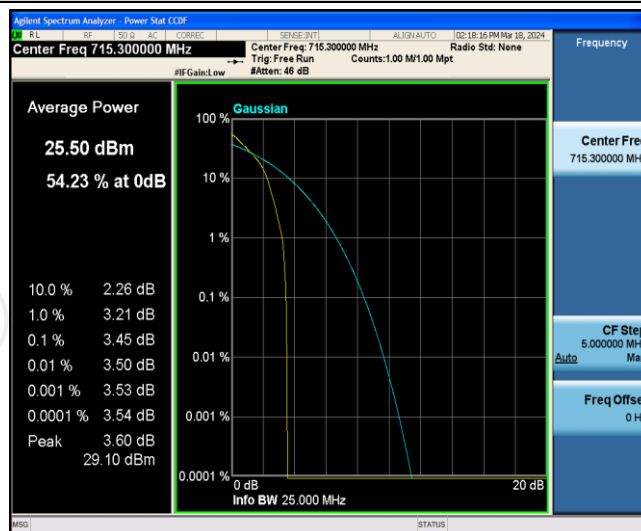




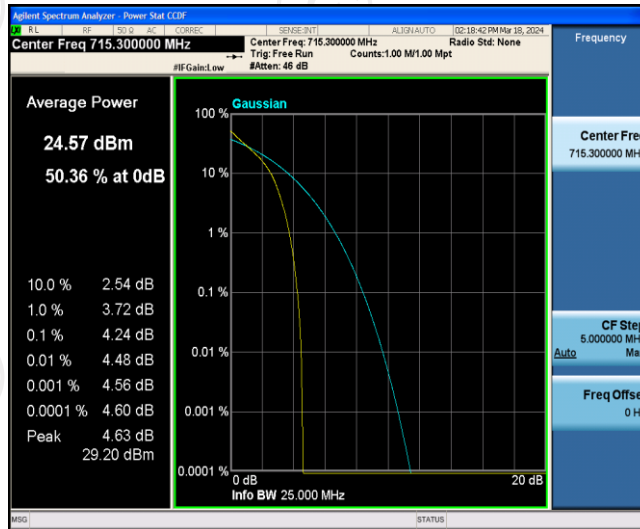
Band12-1.4MHz-QPSK-23095-1RB#0



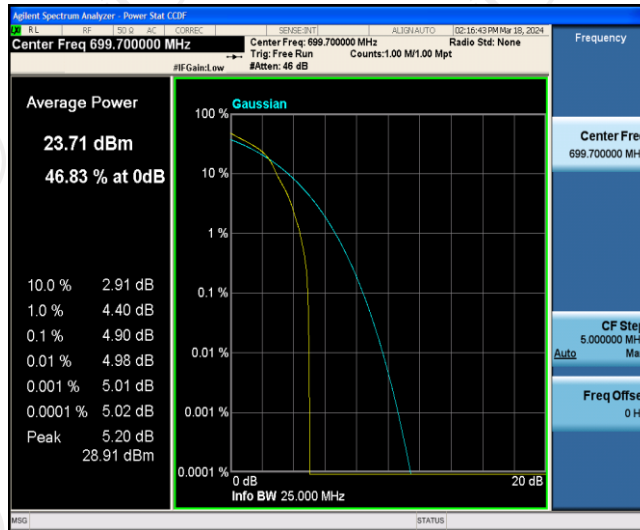
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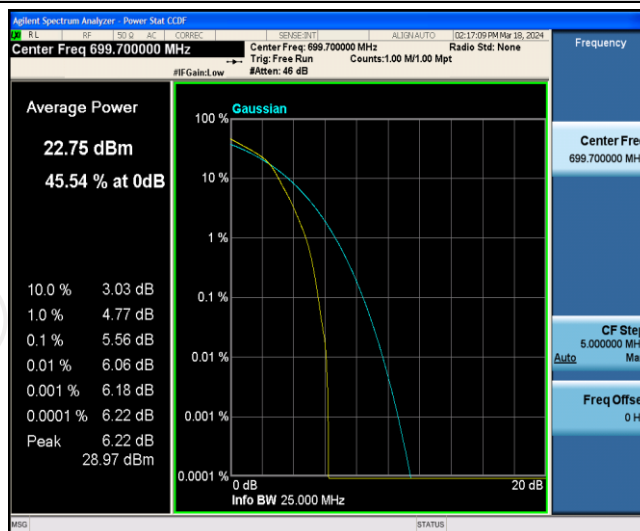
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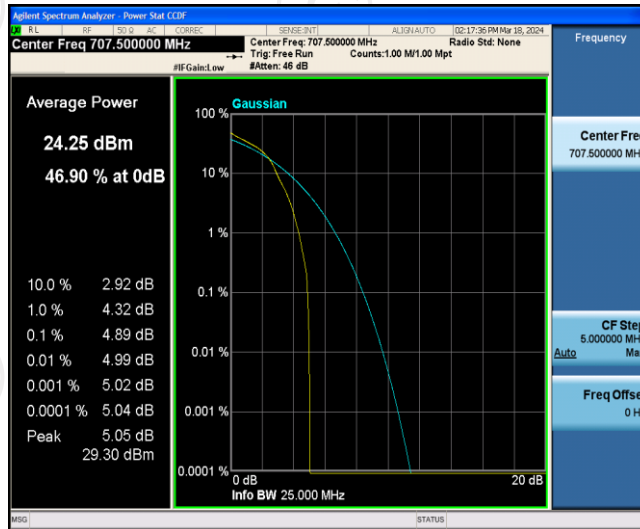
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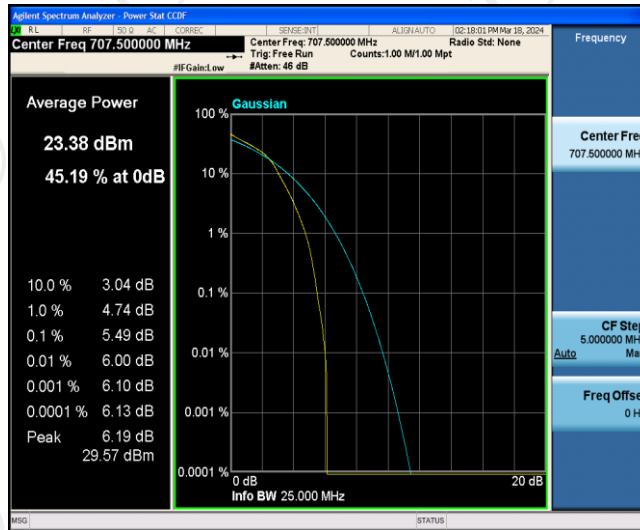
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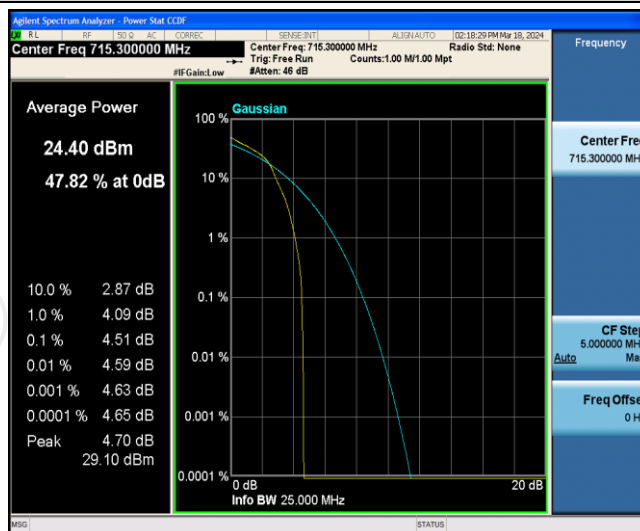
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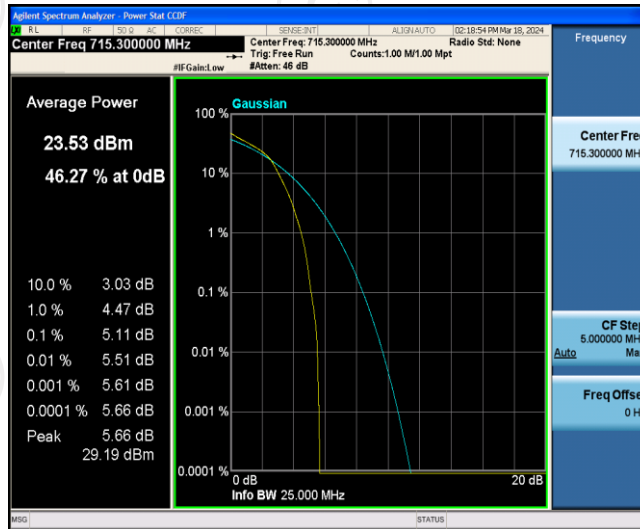
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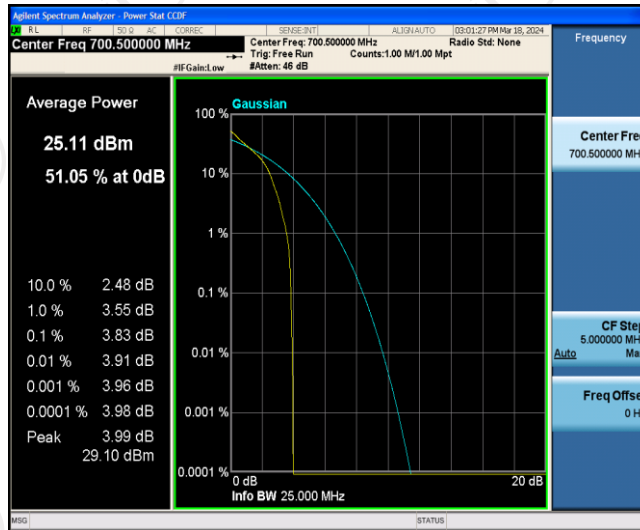
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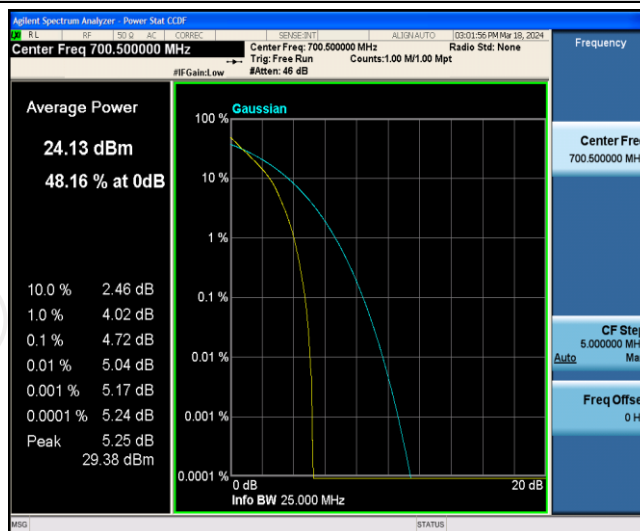
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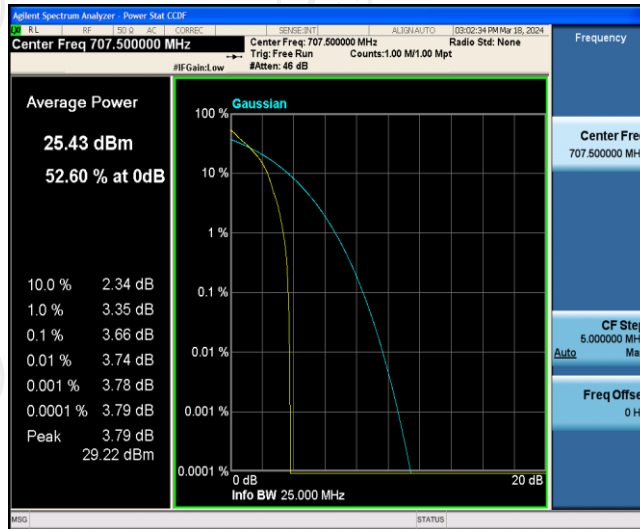
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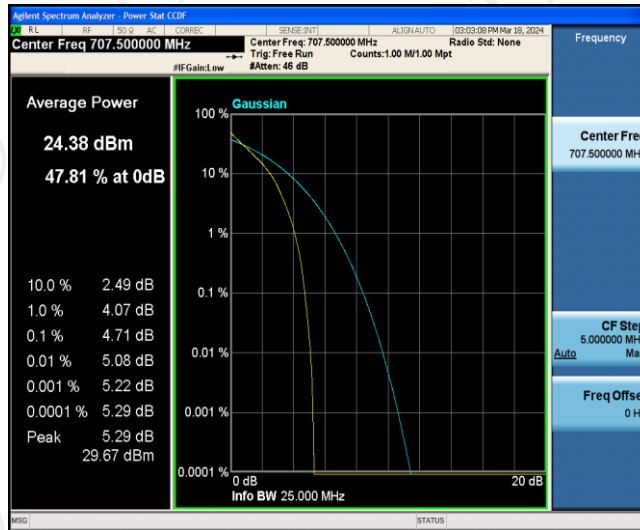
Band12-3MHz-QPSK-23025-1RB#0



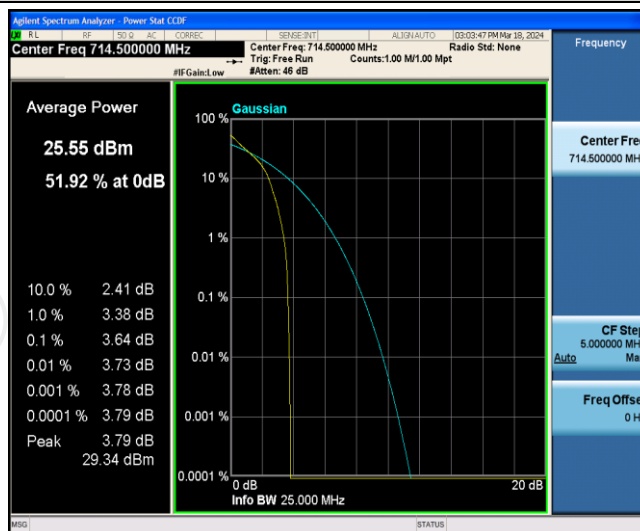
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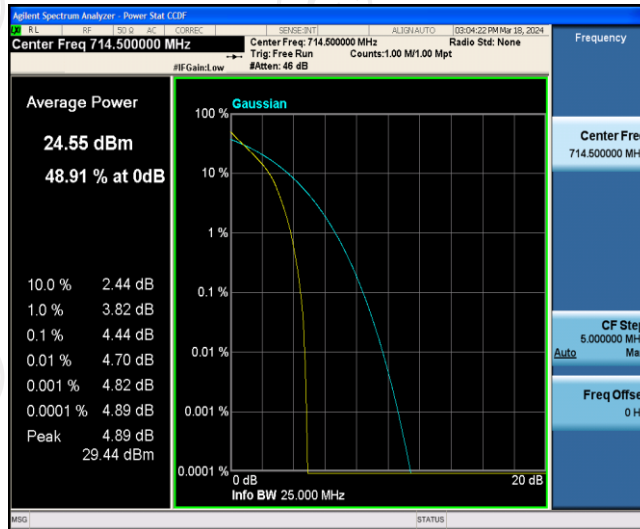
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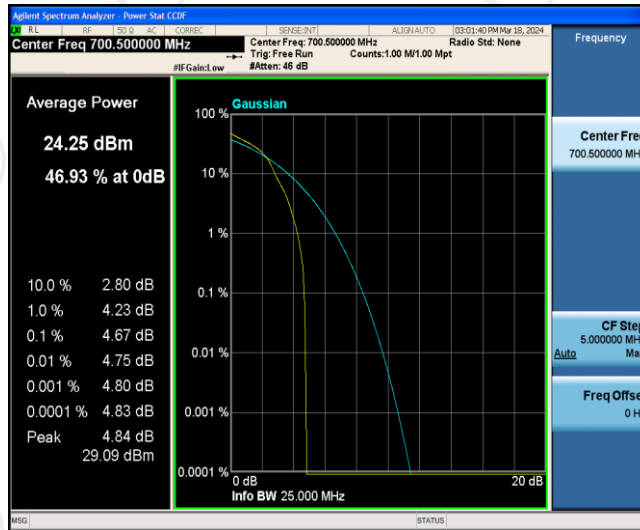
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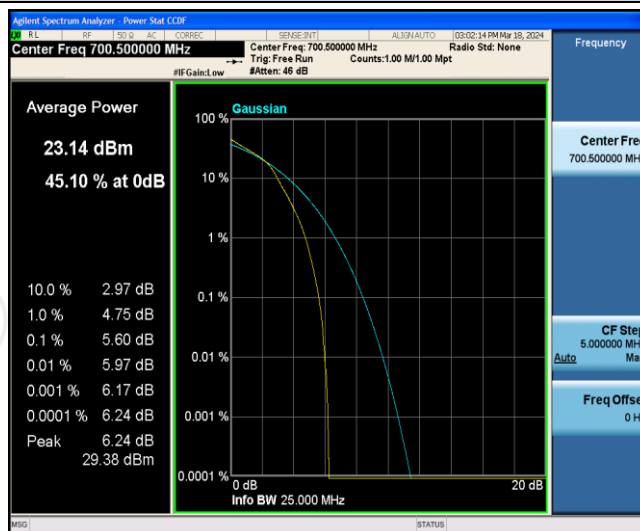
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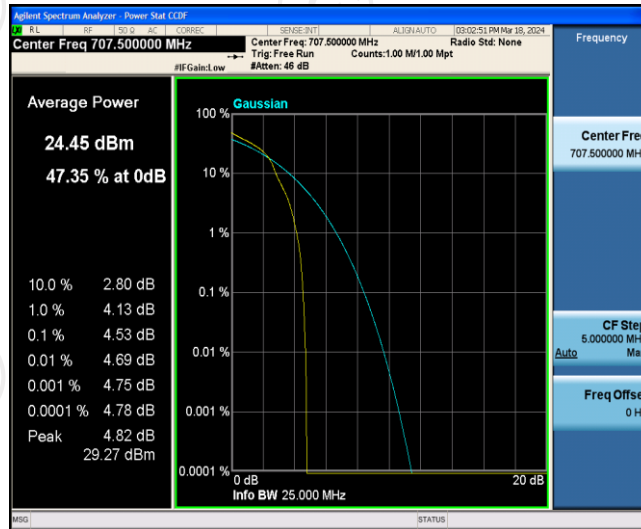
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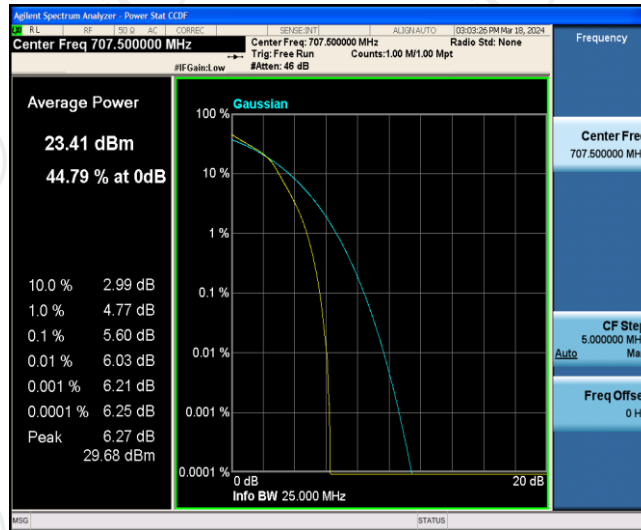
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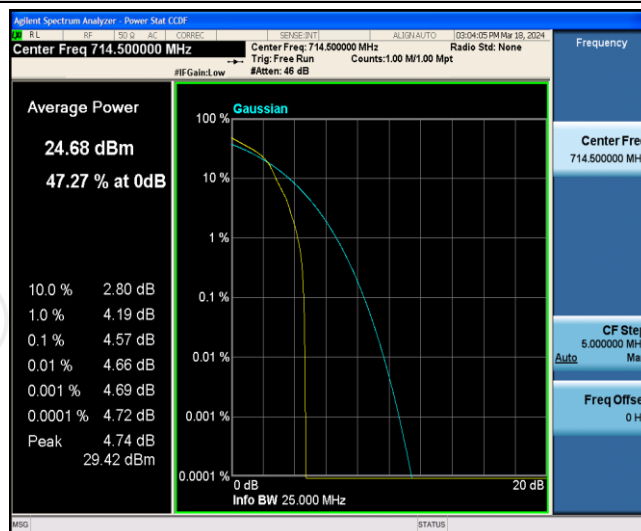
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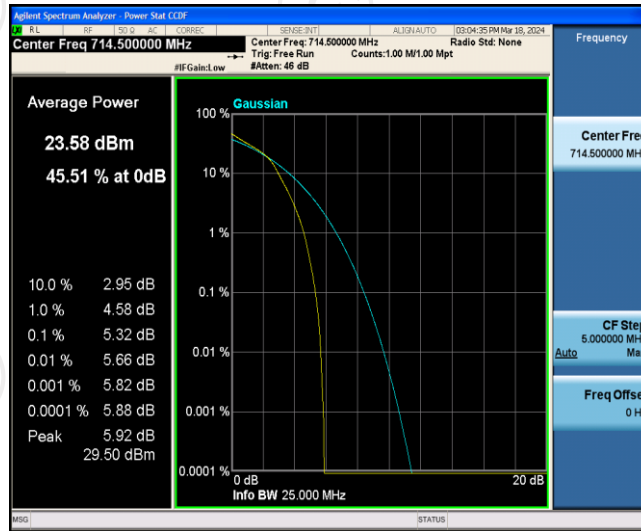
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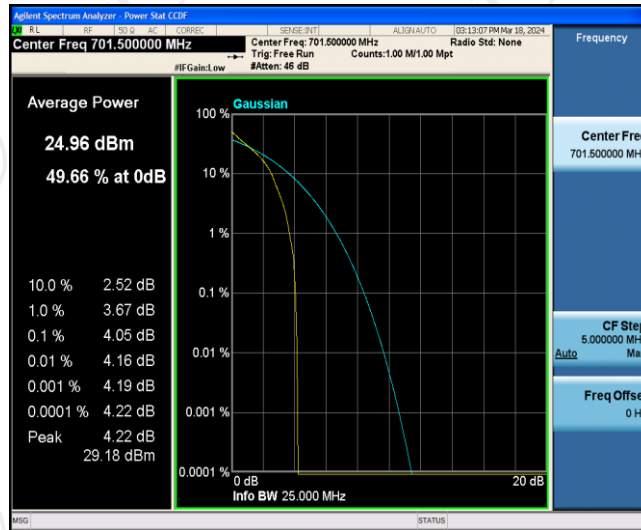
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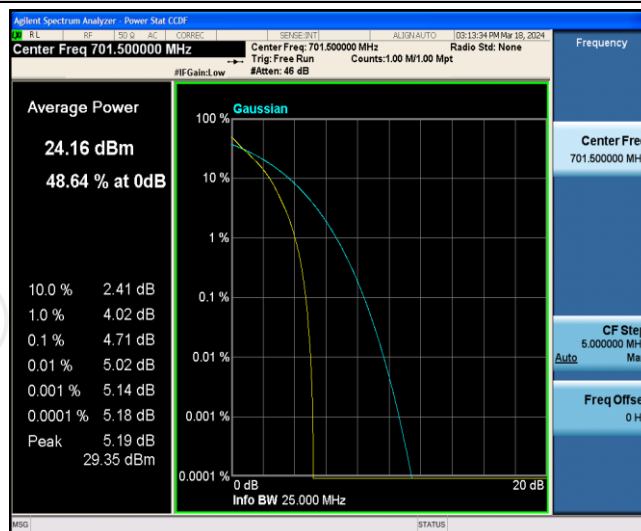
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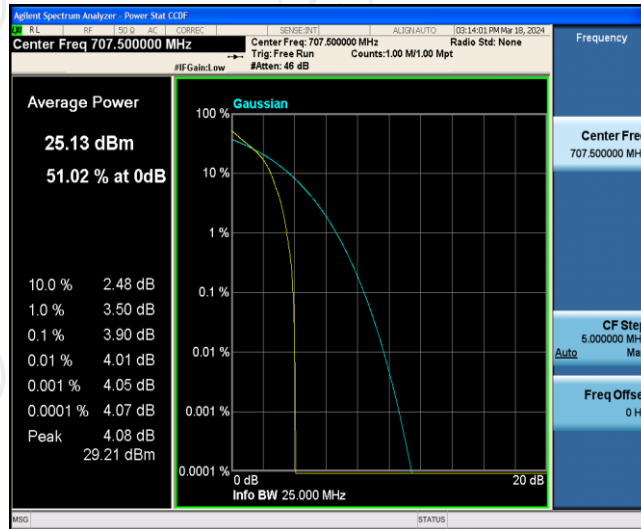


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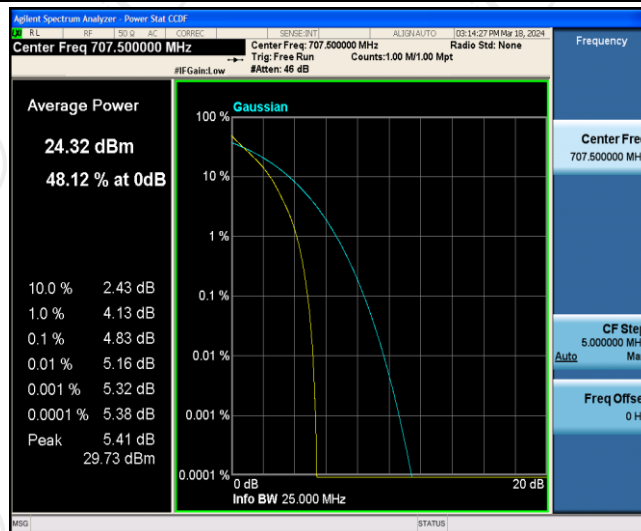


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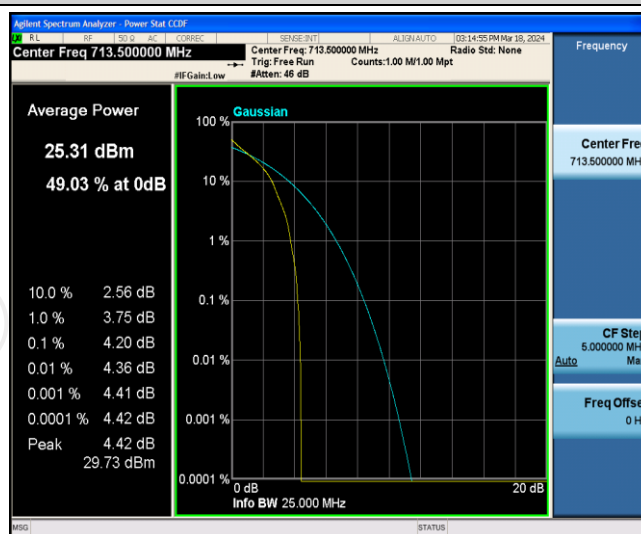




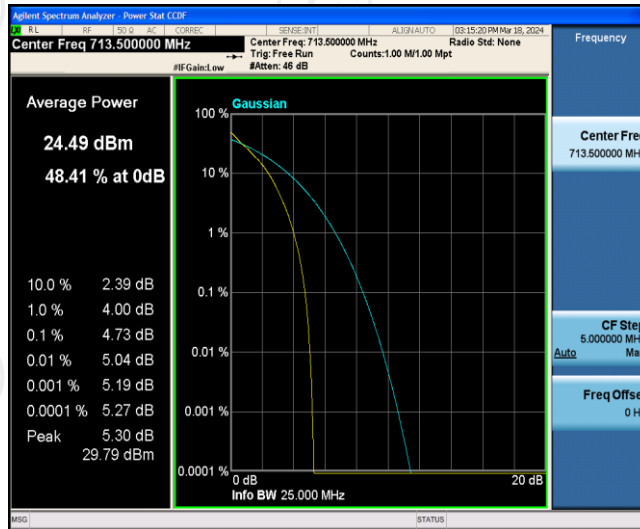
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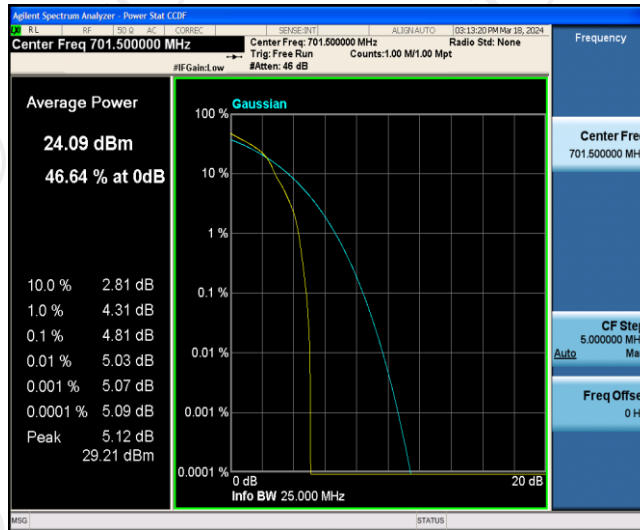
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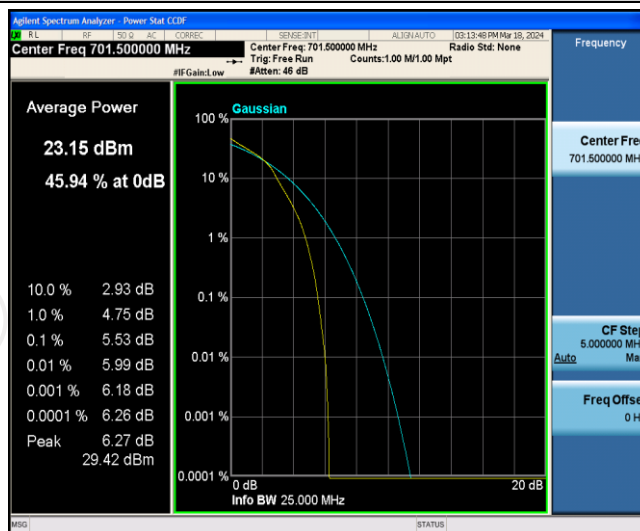
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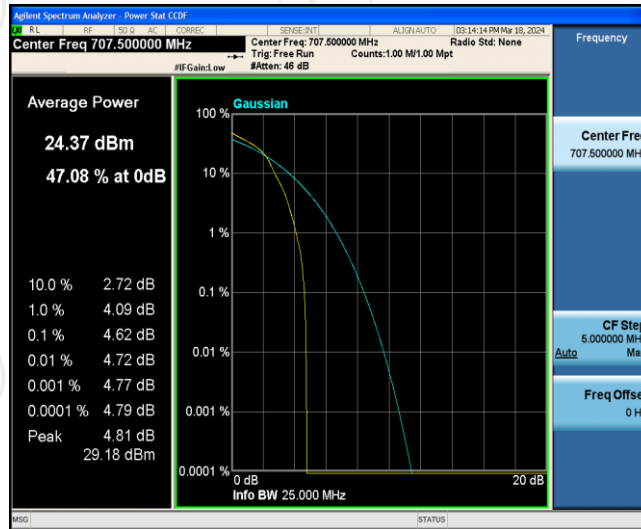
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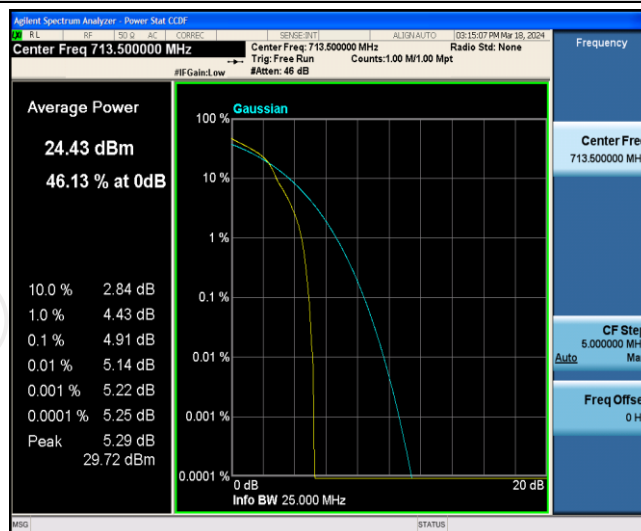
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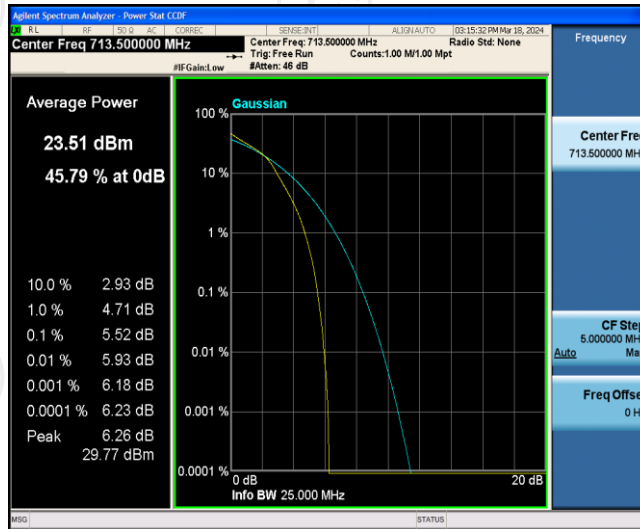
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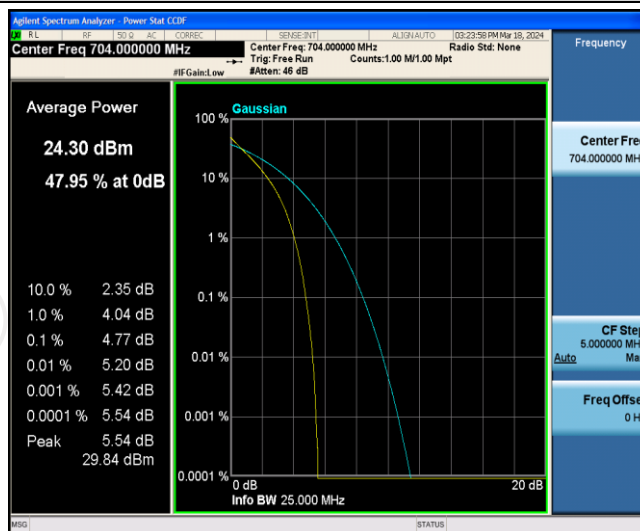
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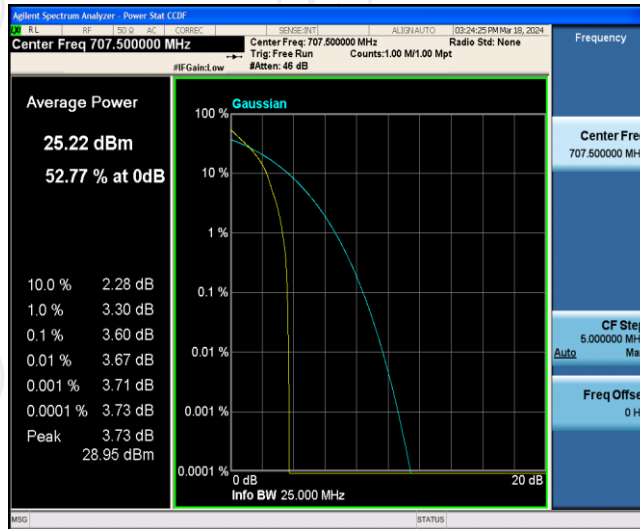
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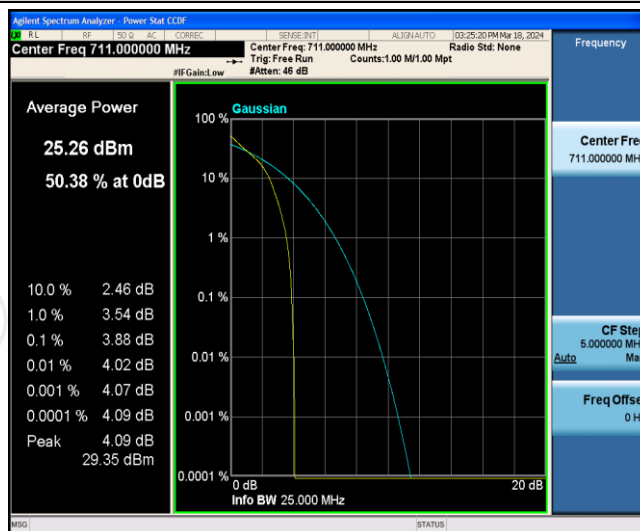
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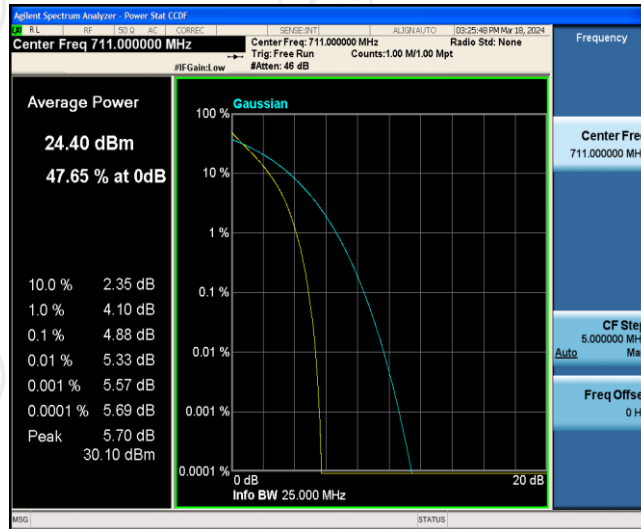
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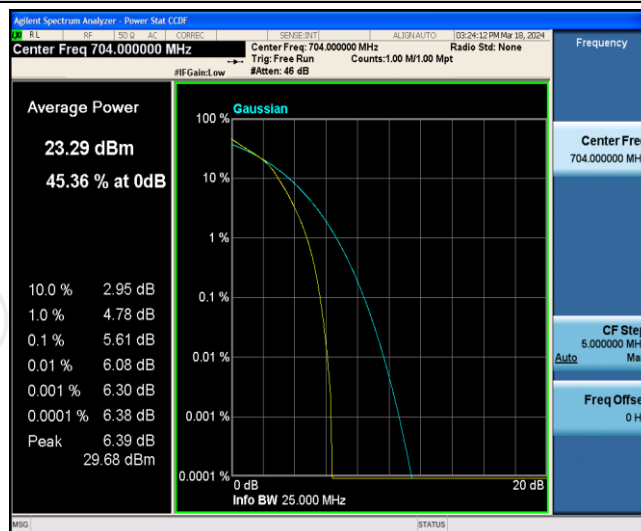
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