

# FCC LTE Band4 Test Data

General Description of EUT	
<b>Product Name:</b>	Industrial router
<b>Test Model:</b>	ZR2720N
<b>Sample ID:</b>	202305-0244-4#2
Environmental Conditions	
<b>Temperature:</b>	25°C
<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 12V
<b>Test Engineer:</b>	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202305-0244-51 The report only show the worst case data.	

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# 1. Conducted Power Output Data

## Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.56	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.53	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.39	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.46	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.53	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.39	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.53	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.51	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.34	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.39	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.39	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.29	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.36	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.53	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.67	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.52	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.60	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.49	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.34	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.36	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.36	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.55	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.69	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.58	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.19	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.28	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.44	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.44	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.50	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.93	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.65	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.20	PASS

Band4	1.4MHz	16QAM	20175	3RB#1	22.42	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.45	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.45	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.86	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.79	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.61	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.26	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.24	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.37	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.43	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.28	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.35	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.28	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.39	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.30	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.39	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.39	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.44	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.44	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.34	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.43	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.44	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.33	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.53	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.29	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.26	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.23	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.28	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.29	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.32	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.44	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.33	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.28	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.27	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.22	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.22	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.43	PASS

Band4	3MHz	16QAM	19965	15RB#0	21.40	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.43	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.42	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.46	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.33	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.33	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.54	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.44	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.63	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.69	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.57	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.31	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.32	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.38	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.38	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.43	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.47	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.39	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.45	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.42	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.56	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.48	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.47	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.51	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.52	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.63	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.56	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.46	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.40	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.58	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.60	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.45	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.50	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.49	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.46	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.57	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.19	PASS

Band4	5MHz	16QAM	19975	1RB#12	22.11	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.12	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.39	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.37	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.51	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.56	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.81	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.51	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.65	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.66	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.52	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.54	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.39	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.67	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.88	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.62	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.43	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.52	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.52	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.62	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.29	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.56	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.46	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.40	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.41	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.31	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.40	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.36	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.72	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.33	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.43	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.49	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.34	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.49	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.20	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.82	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.37	PASS

Band4	10MHz	QPSK	20350	25RB#0	22.48	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.33	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.50	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.58	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.25	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.92	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.33	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.37	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.37	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.36	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.45	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.36	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.27	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.52	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.51	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.48	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.35	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.46	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.44	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.62	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.53	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.40	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.43	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.52	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.59	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.36	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.40	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.44	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.54	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.49	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.46	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.44	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.53	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.52	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.26	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.61	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.44	PASS

Band4	15MHz	QPSK	20175	38RB#37	22.40	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.48	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.24	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.31	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.21	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.42	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.45	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.42	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.57	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.53	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.55	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.60	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.51	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.48	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.45	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.51	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.96	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.74	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.47	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.42	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.39	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.53	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.72	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.76	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.47	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.43	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.41	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.55	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.48	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.86	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.72	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.51	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.48	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.54	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.58	PASS



Band4	20MHz	QPSK	20175	1RB#0	23.40	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.58	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.12	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.46	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.50	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.47	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.52	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.44	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.69	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.53	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.53	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.44	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.57	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.53	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.77	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.45	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.98	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.39	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.46	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.51	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.52	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.37	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.40	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.30	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.49	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.47	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.45	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.56	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.85	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.37	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.40	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.59	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.49	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.52	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.48	PASS

## 2. Peak-to-Average Ratio(CCDF)

### Test Result

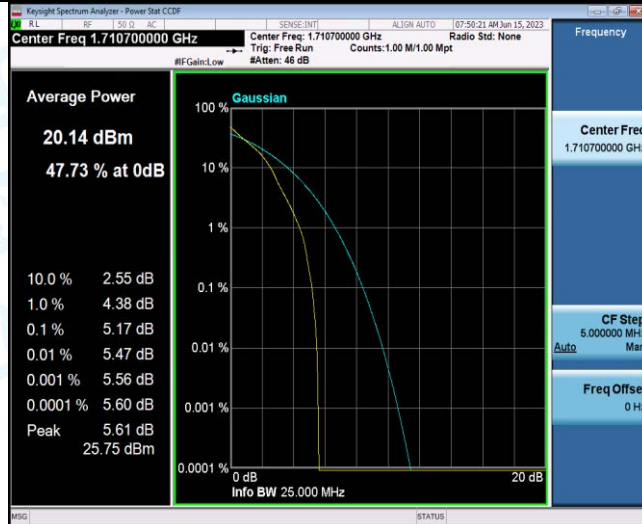
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	5.17	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.28	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	5.31	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.53	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	5.06	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.57	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.97	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.02	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	6.02	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.15	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.75	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.31	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	5.04	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.36	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.10	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.54	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.95	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.54	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.84	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.13	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.98	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.34	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.64	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.33	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.23	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.42	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.58	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.57	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	5.35	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.60	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.80	13	PASS

Band4	5MHz	16QAM	19975	25RB#0	6.10	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.92	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.26	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.95	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.36	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	5.06	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.45	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.16	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.62	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.10	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.61	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.91	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.20	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	6.00	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.27	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.73	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.33	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.98	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.88	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	5.31	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.95	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	5.33	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.98	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.87	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.37	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	6.11	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.40	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.83	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.44	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.04	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.63	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.21	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.66	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	5.31	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.77	13	PASS
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Band4	20MHz	16QAM	20050	100RB#0	6.33	13	PASS

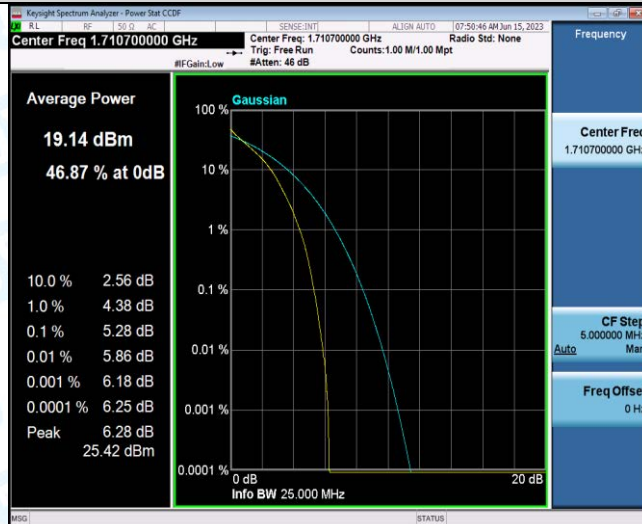
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Band4	20MHz	16QAM	20300	1RB#0	6.61	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.39	13	PASS

**Test Graphs**

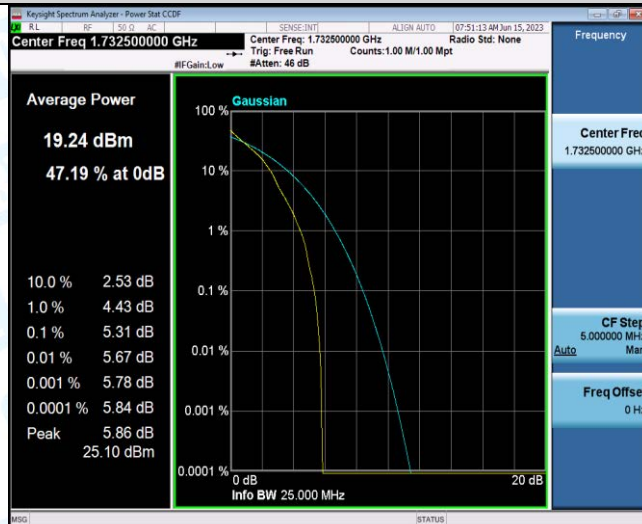
**Band4-1.4MHz-QPSK-19957-1RB#0**



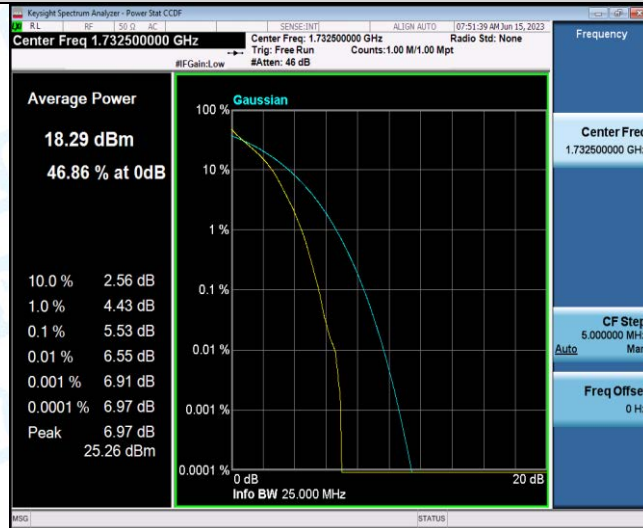
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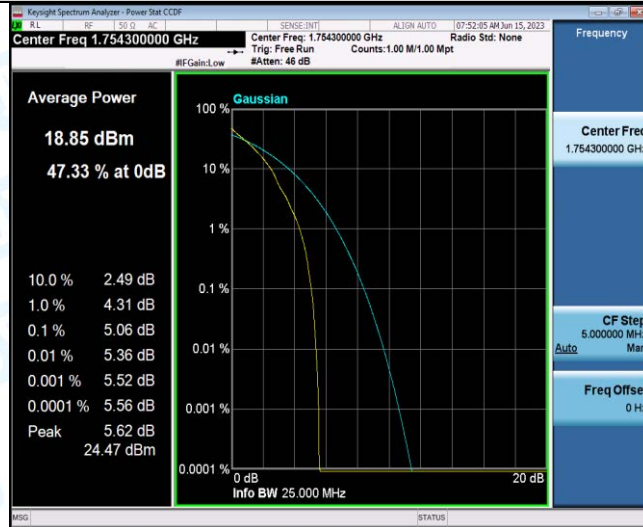
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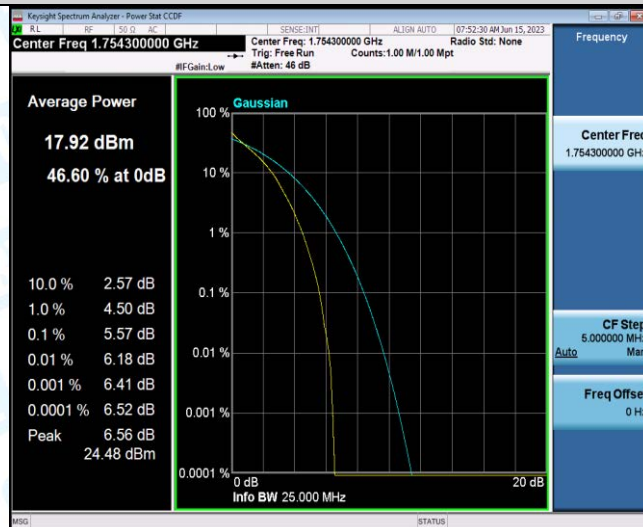
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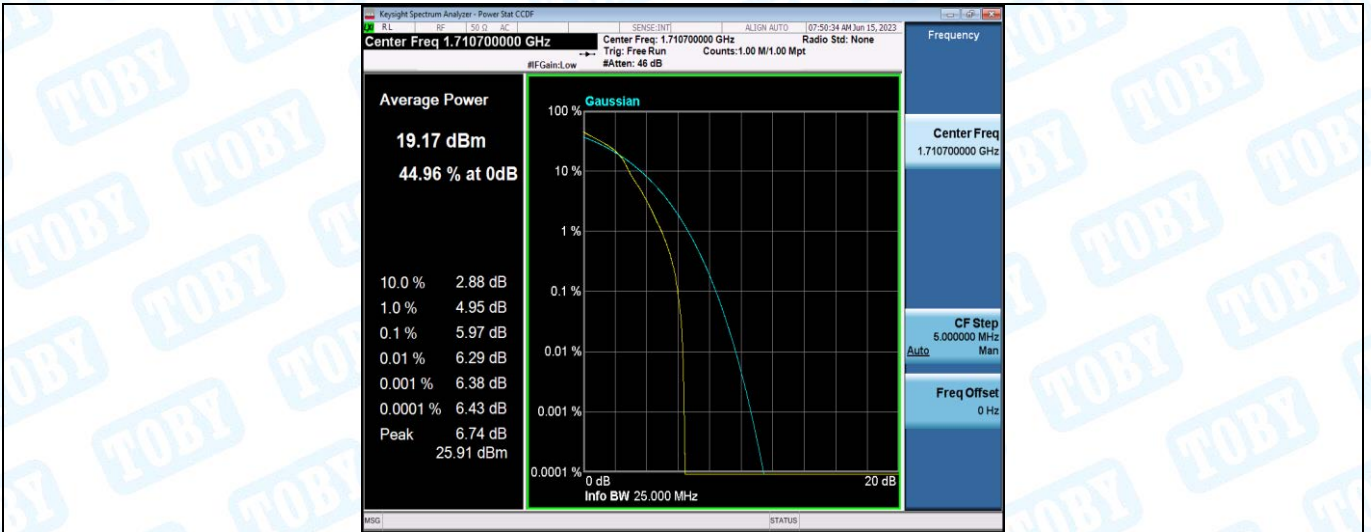
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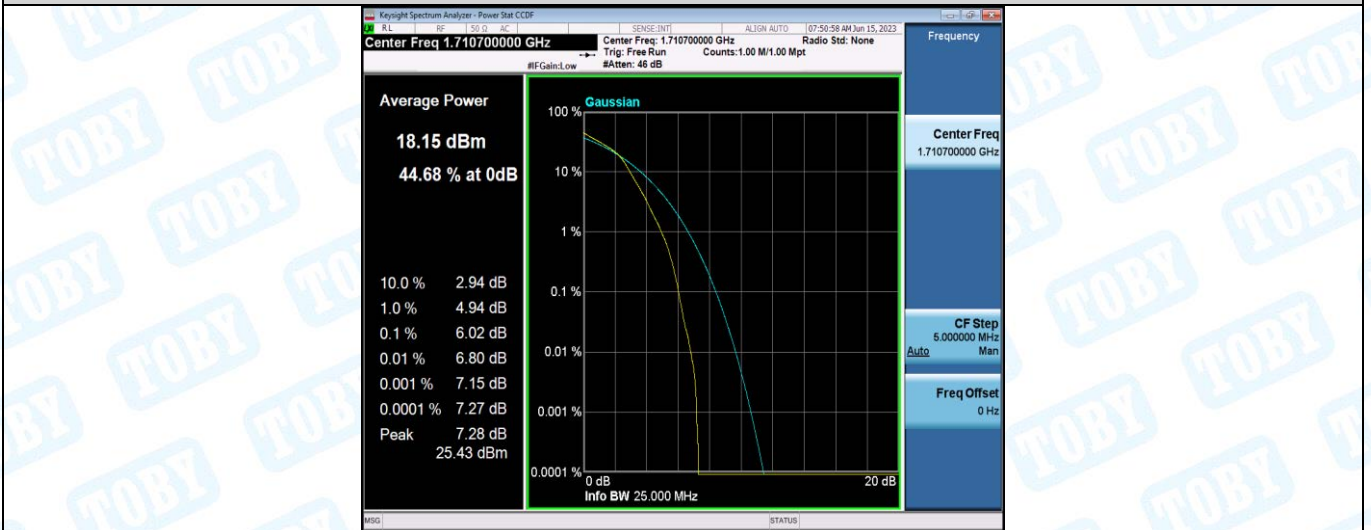
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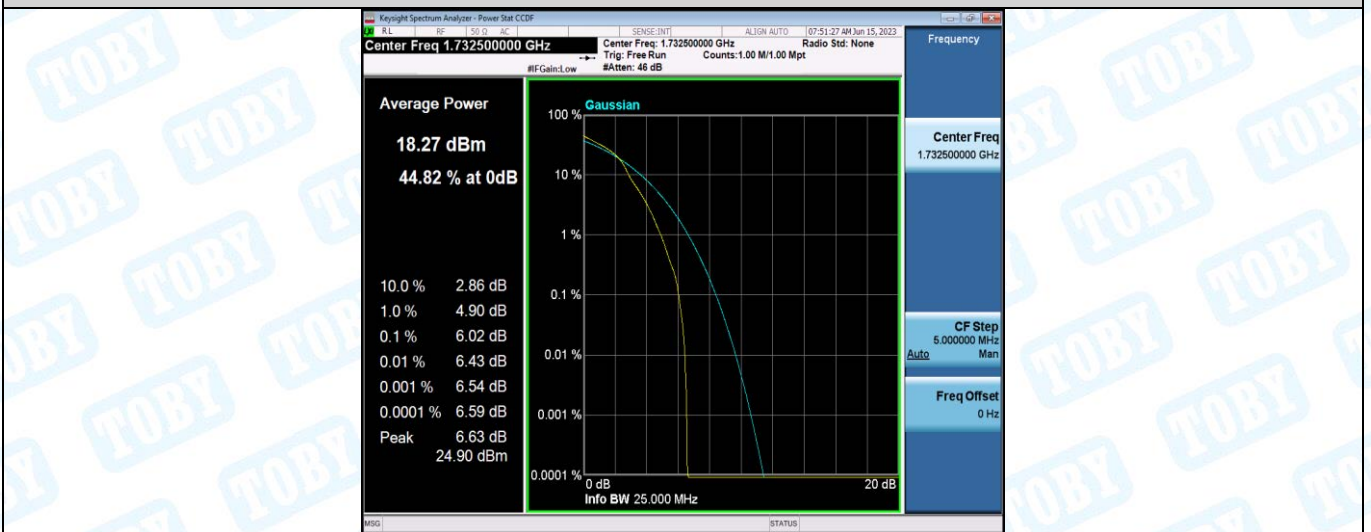
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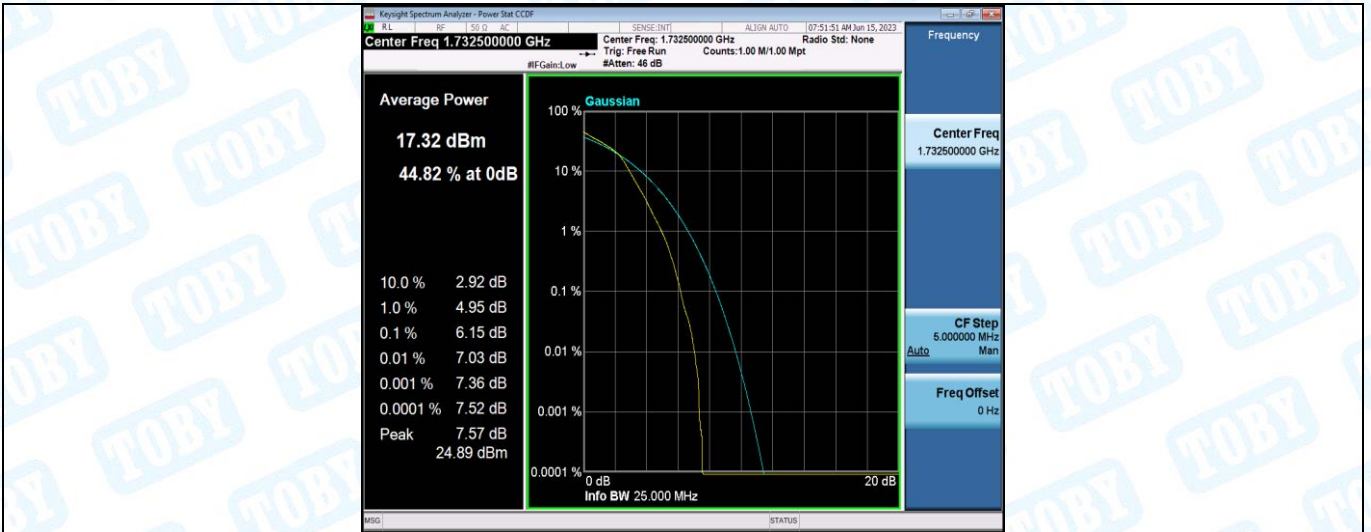
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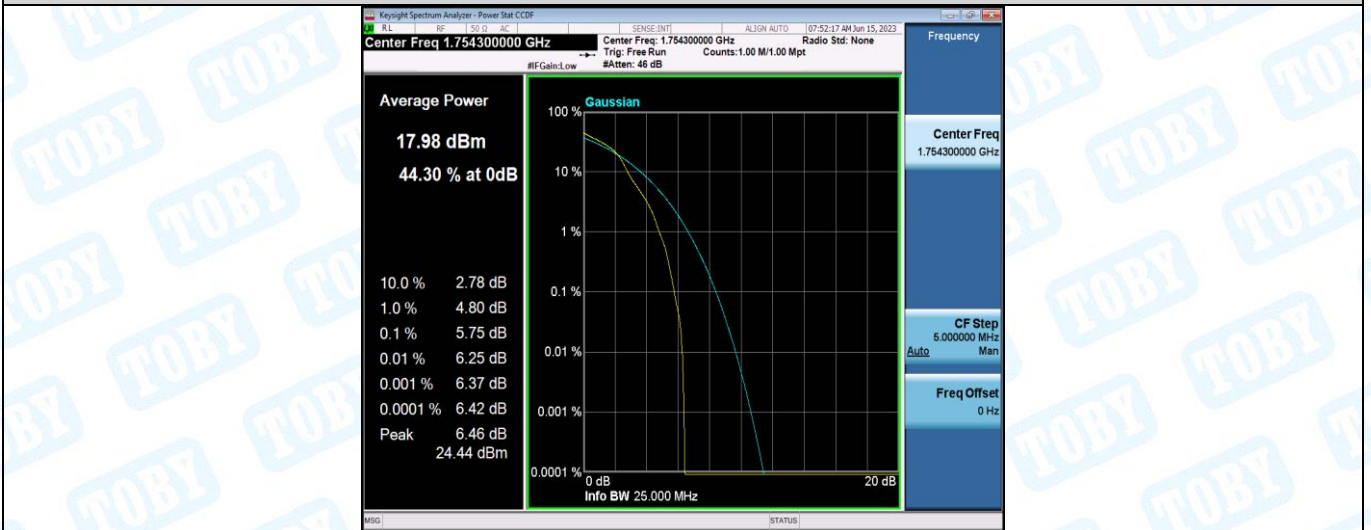
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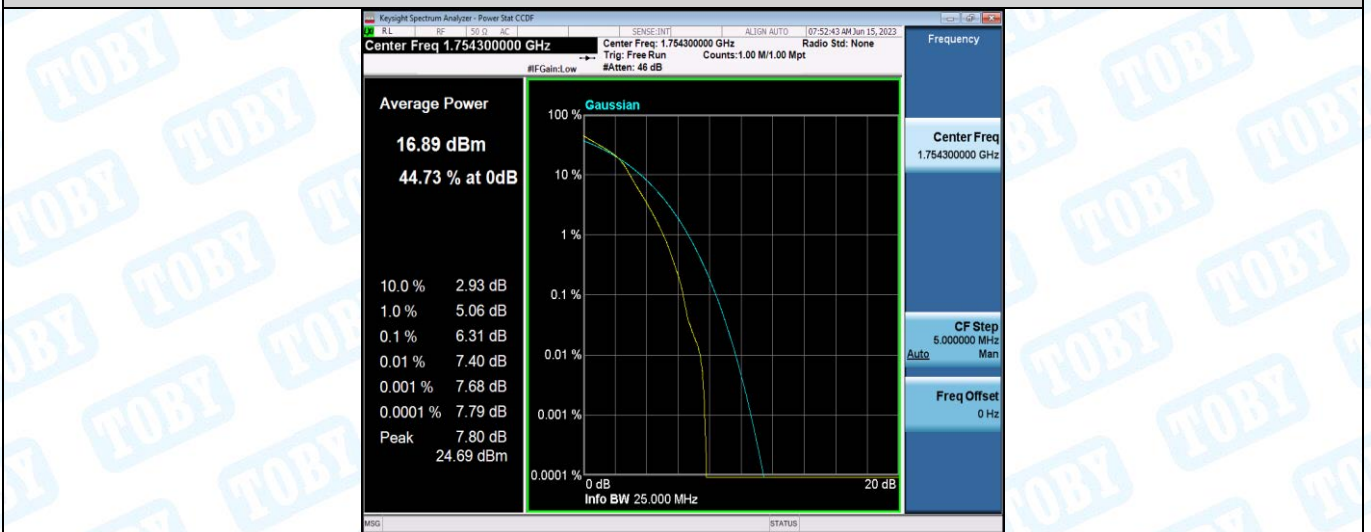
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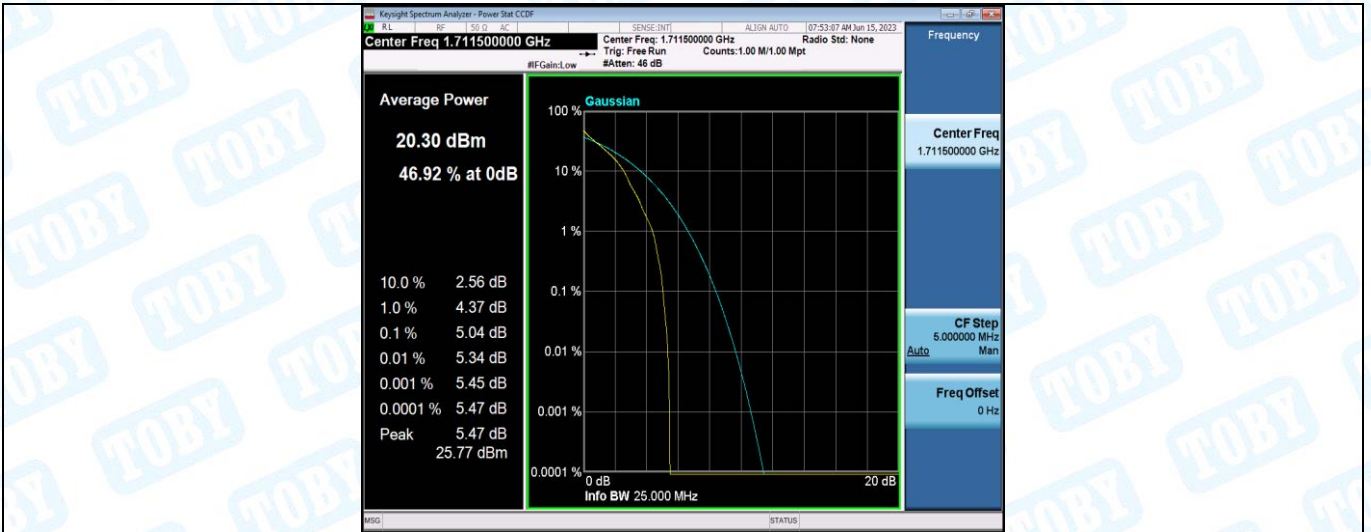


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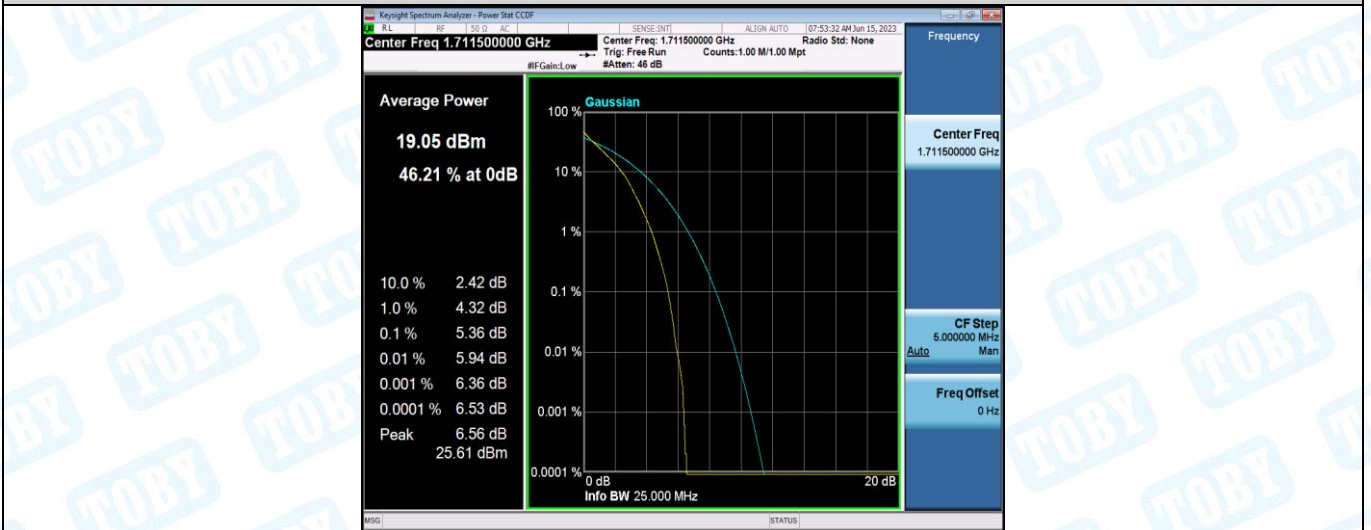


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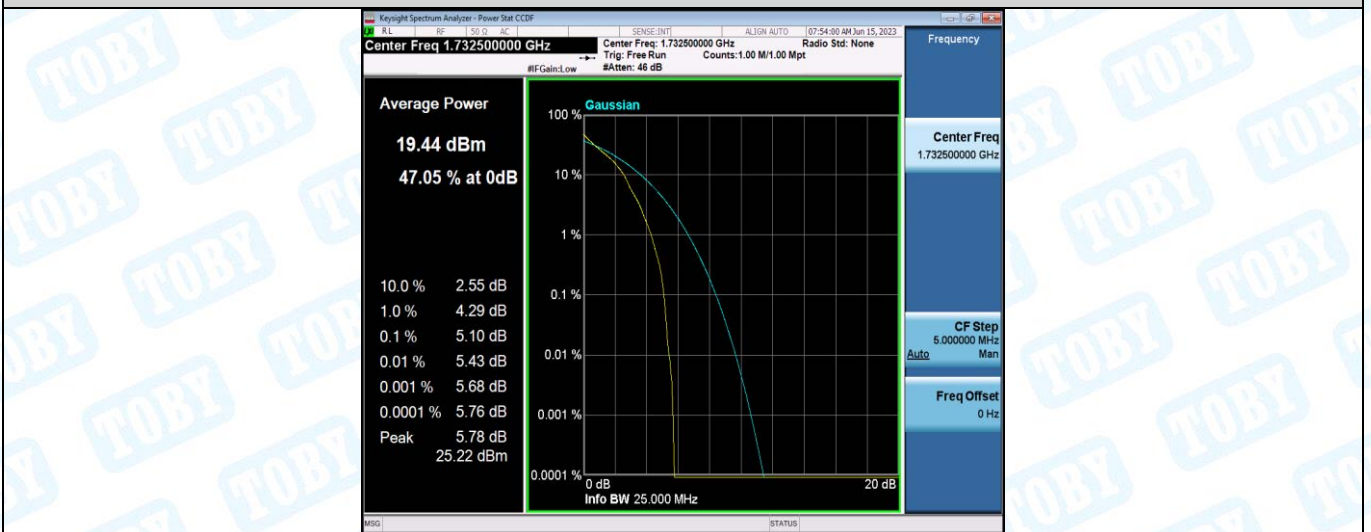




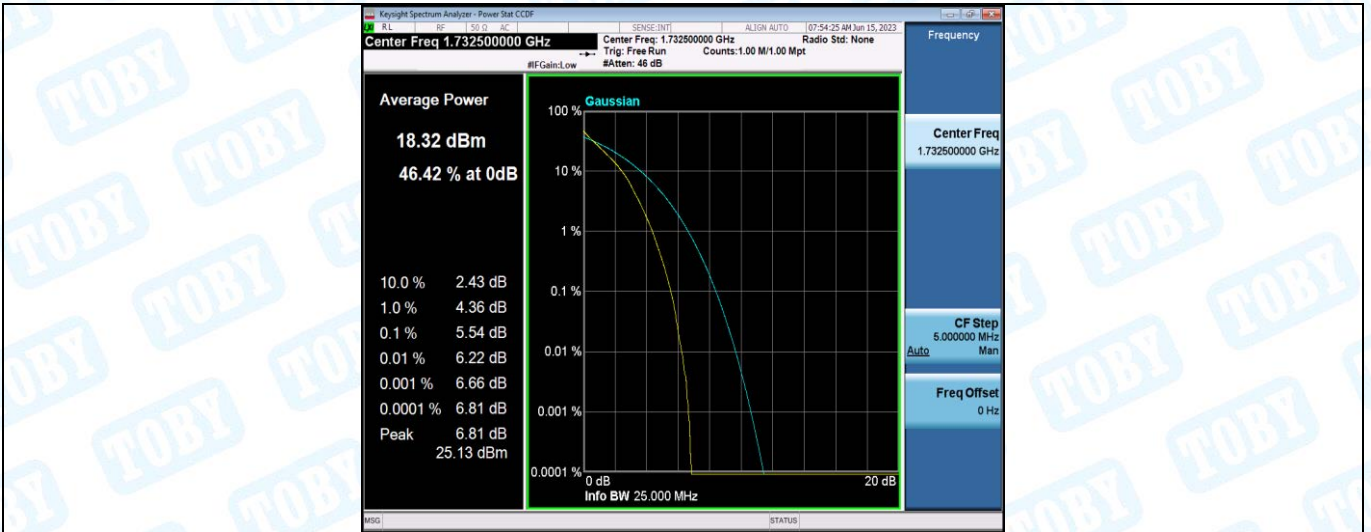
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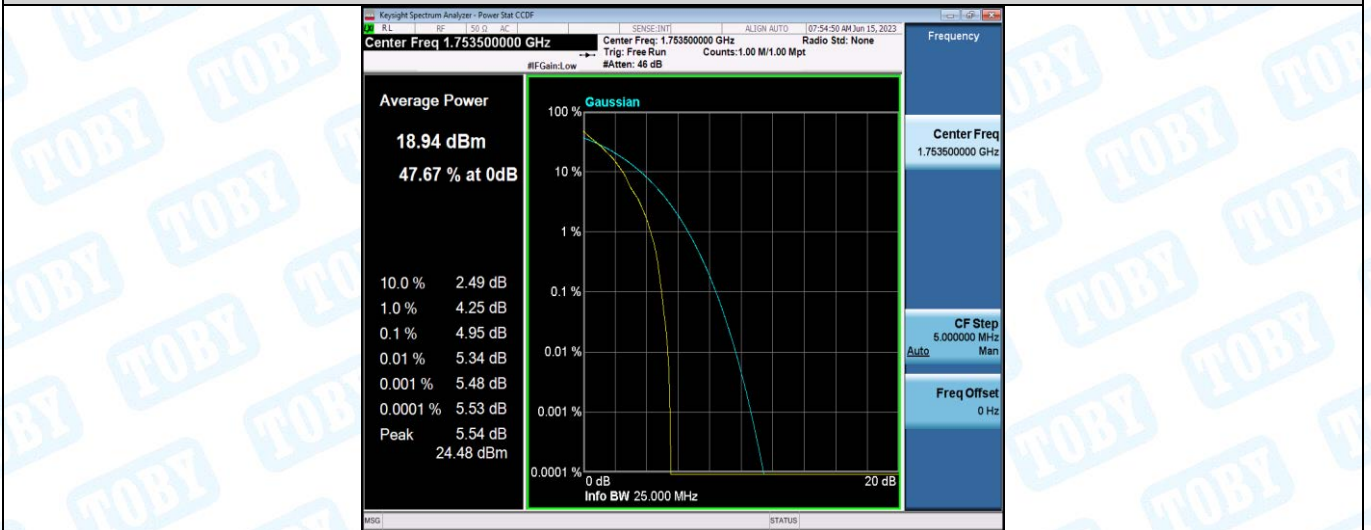
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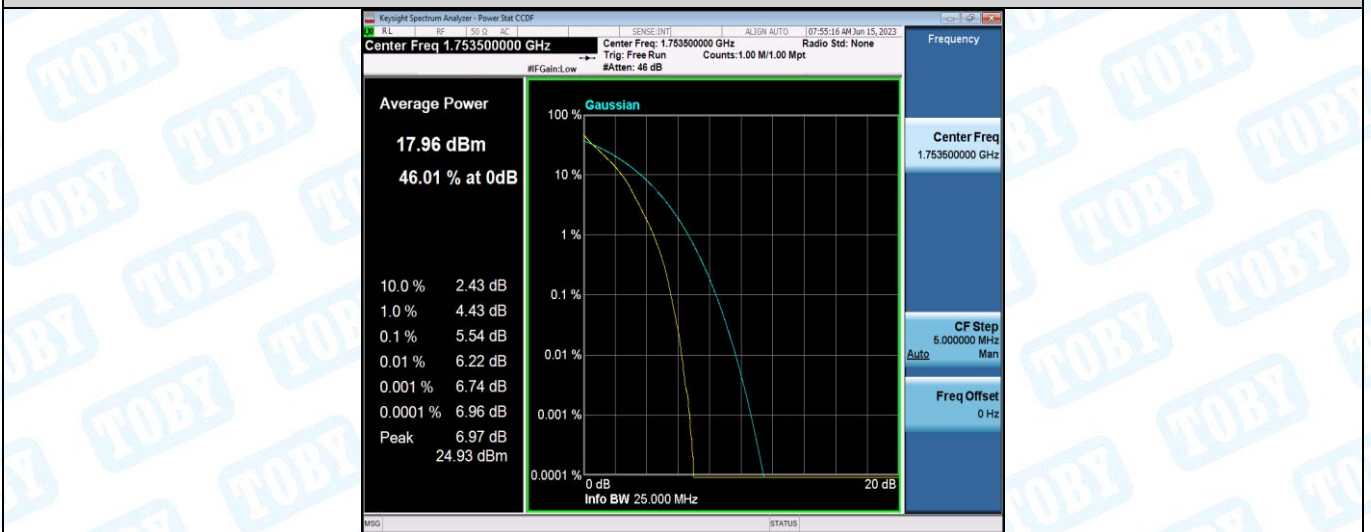
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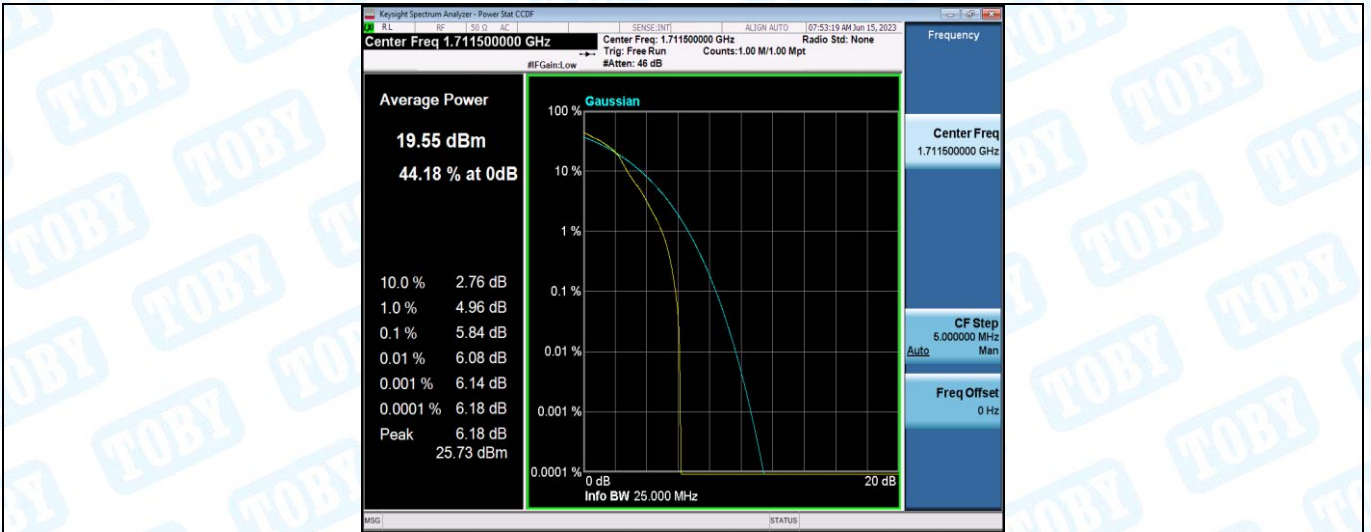
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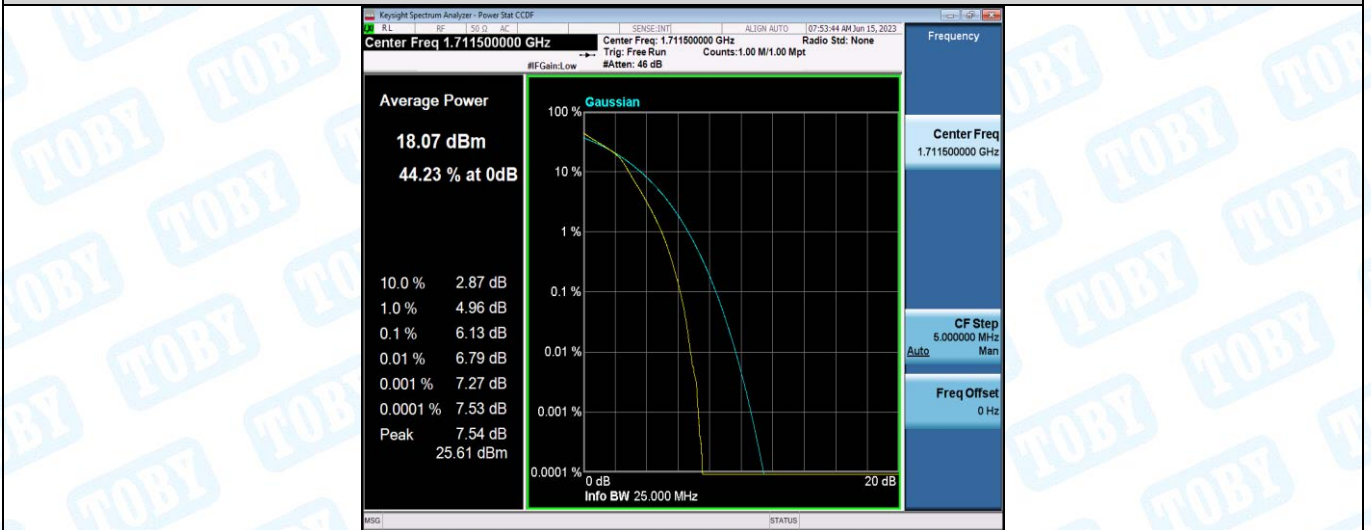
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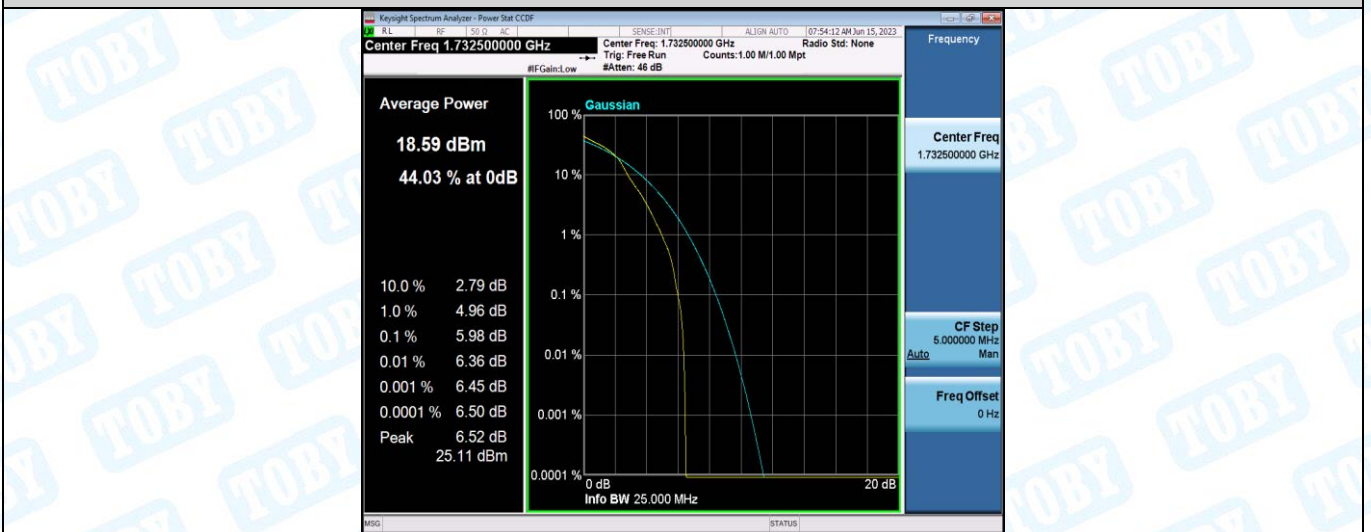
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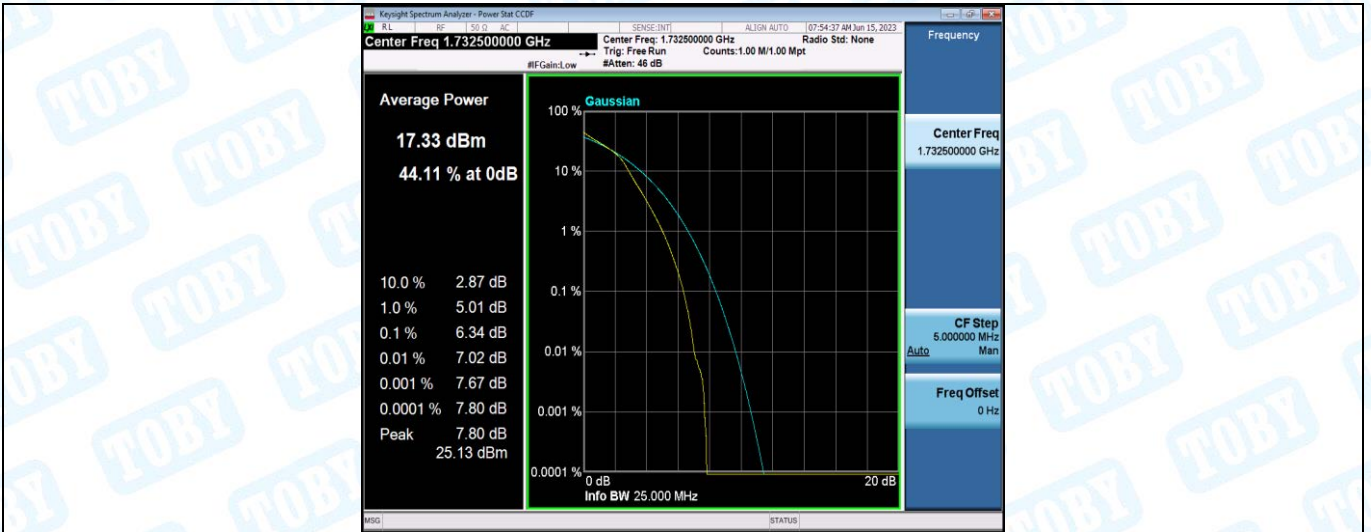
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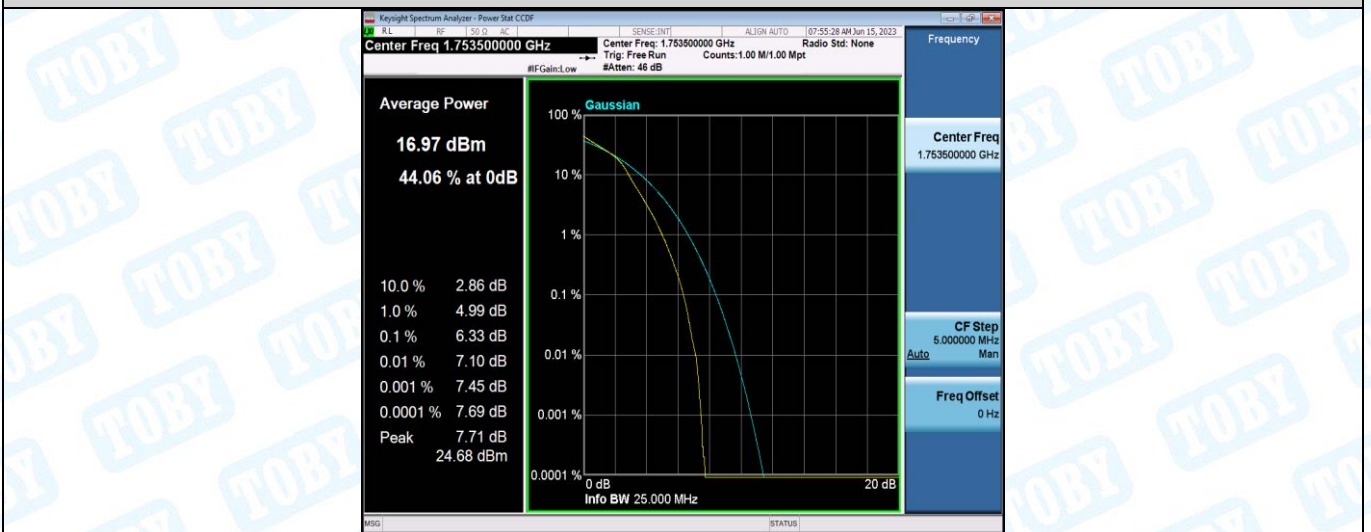
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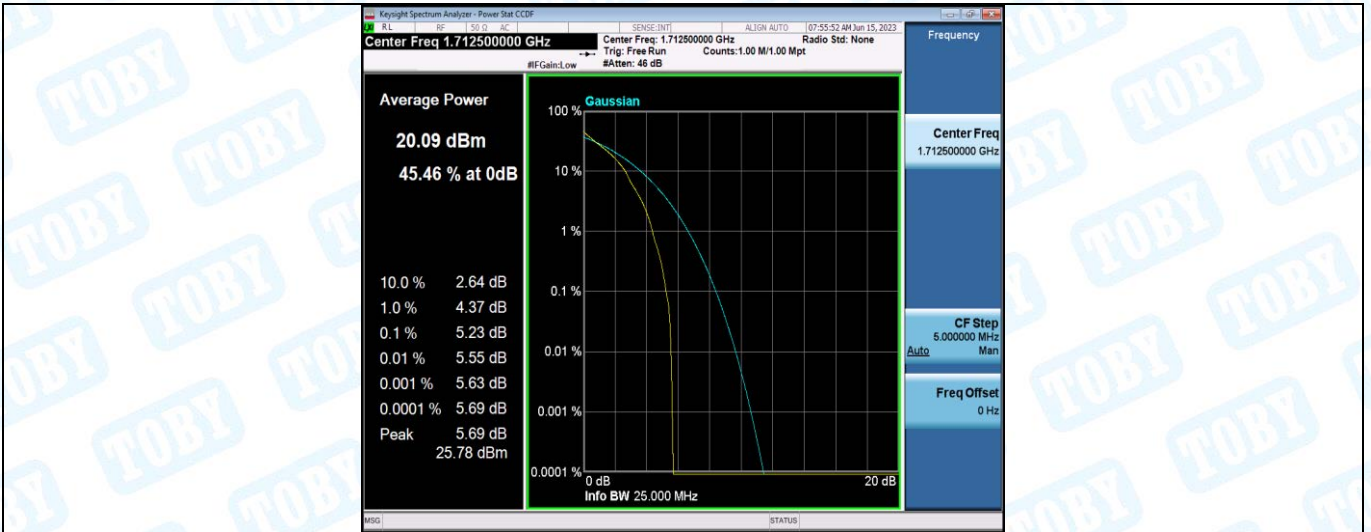
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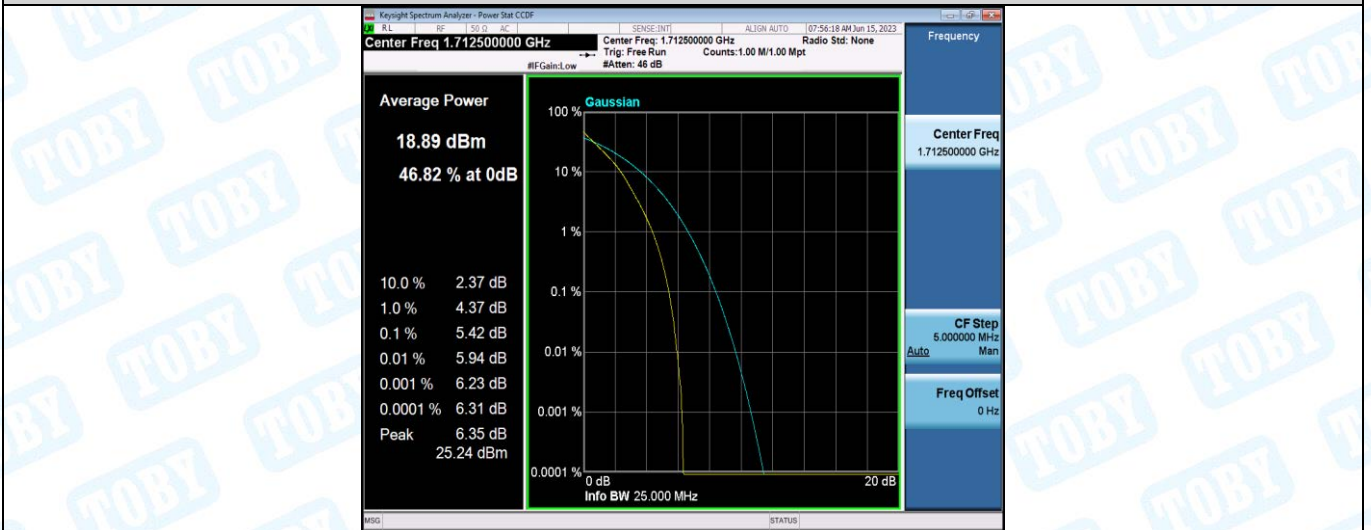
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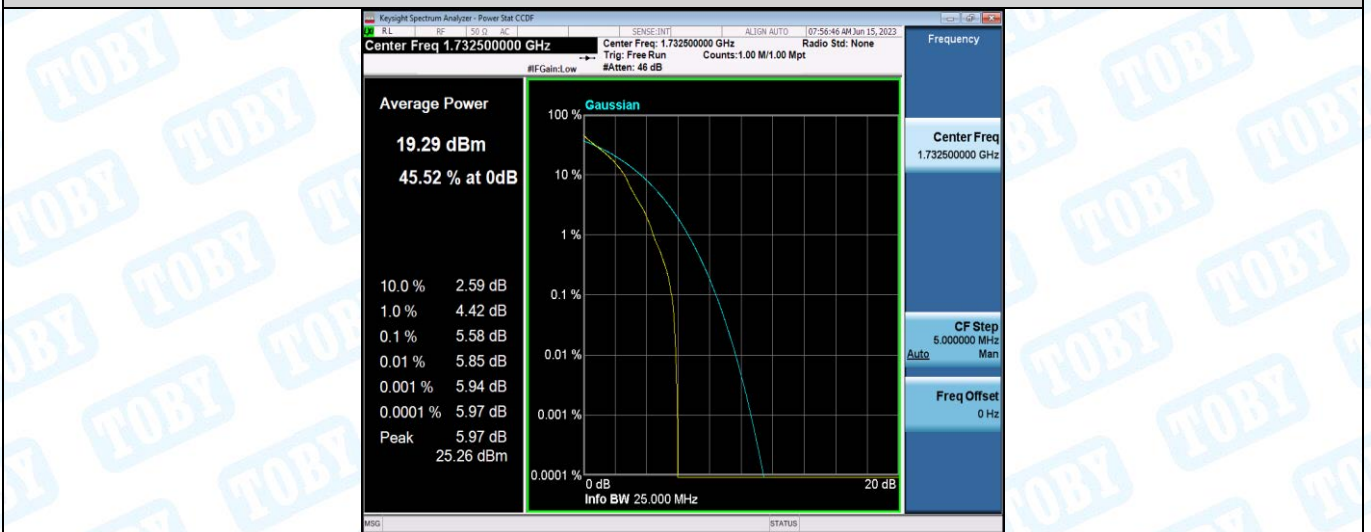
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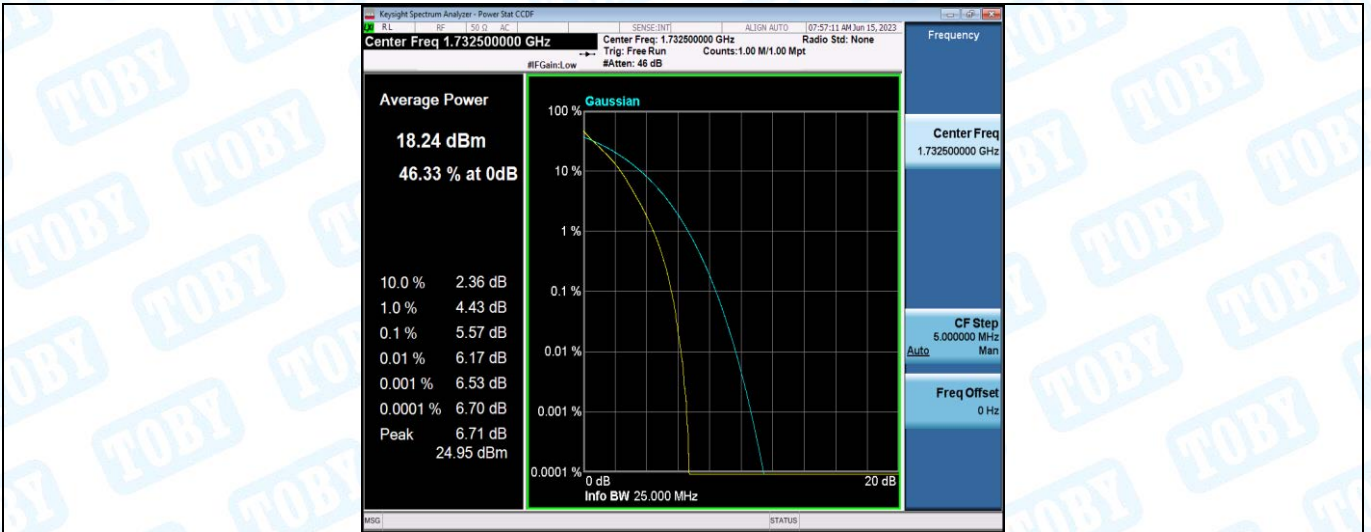
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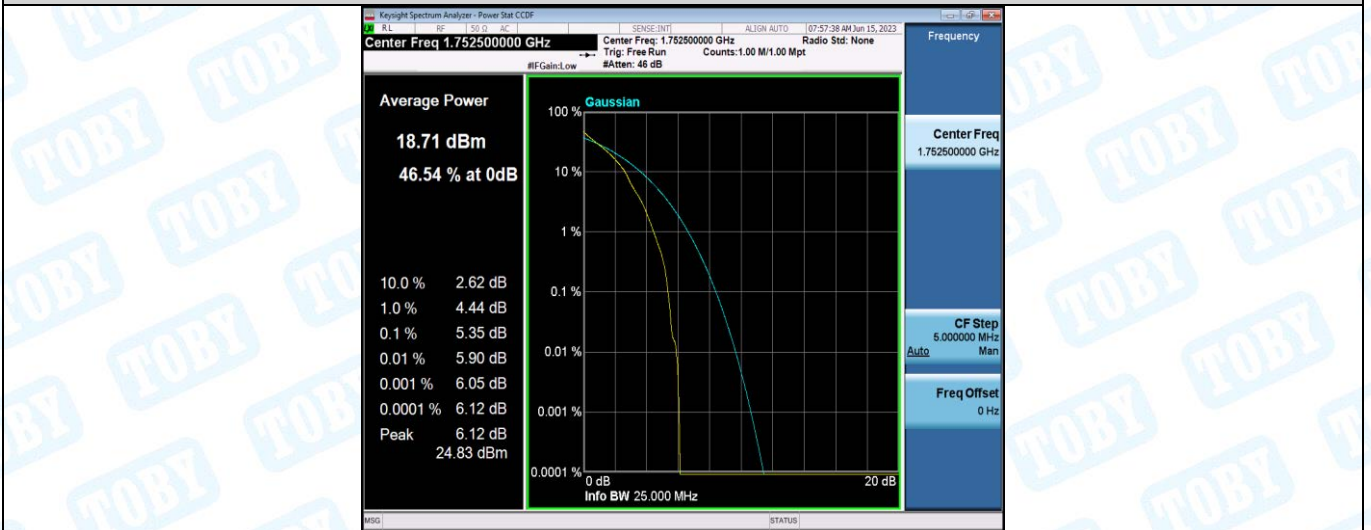
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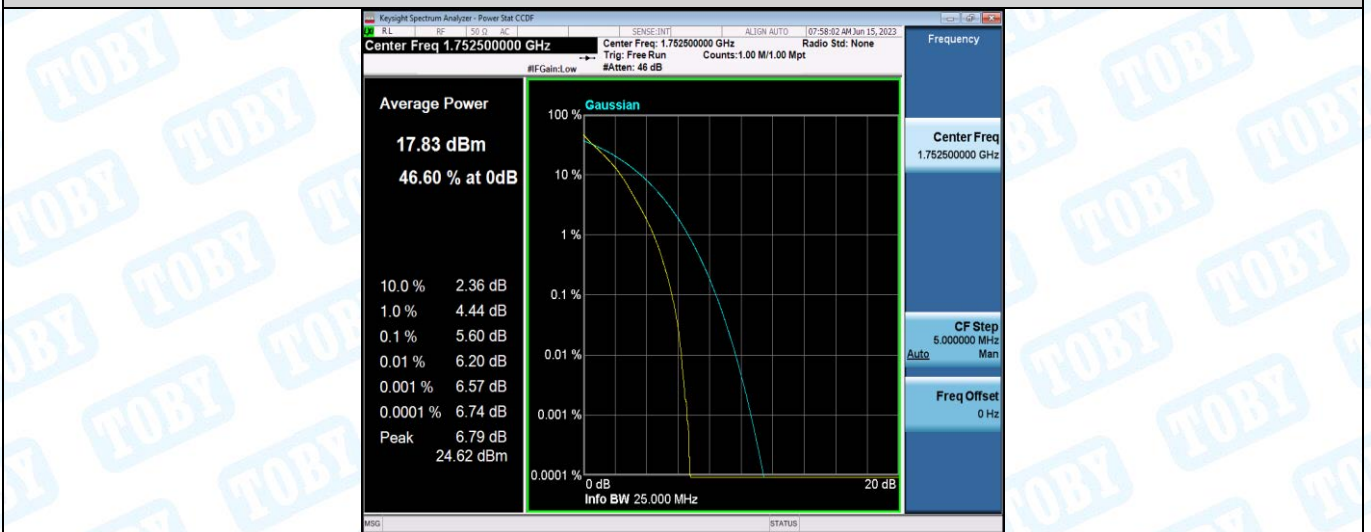
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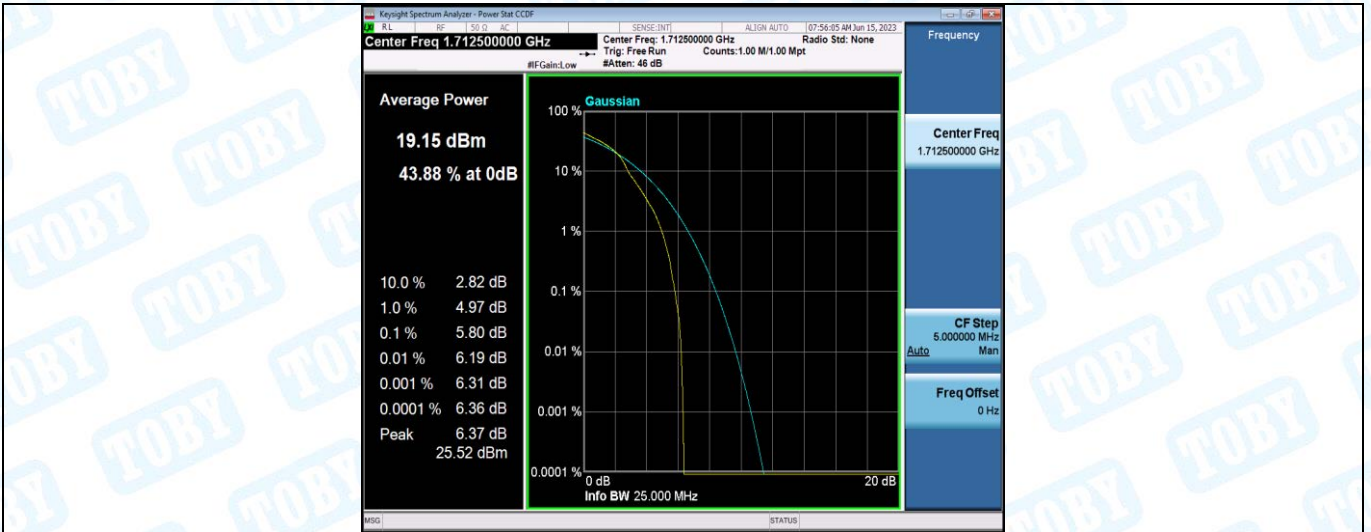
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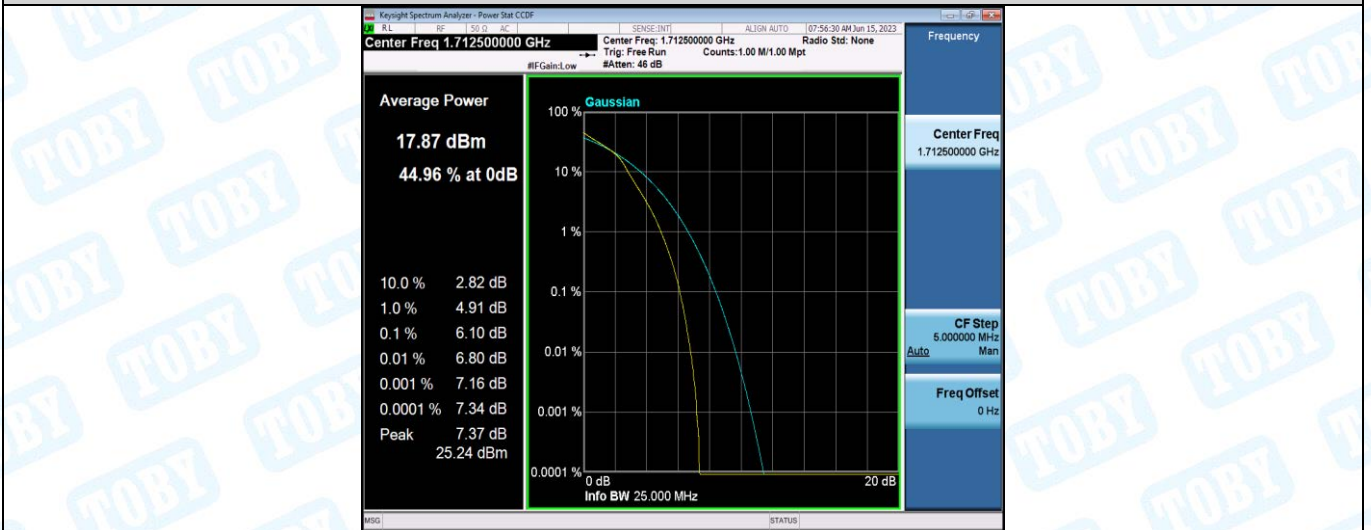
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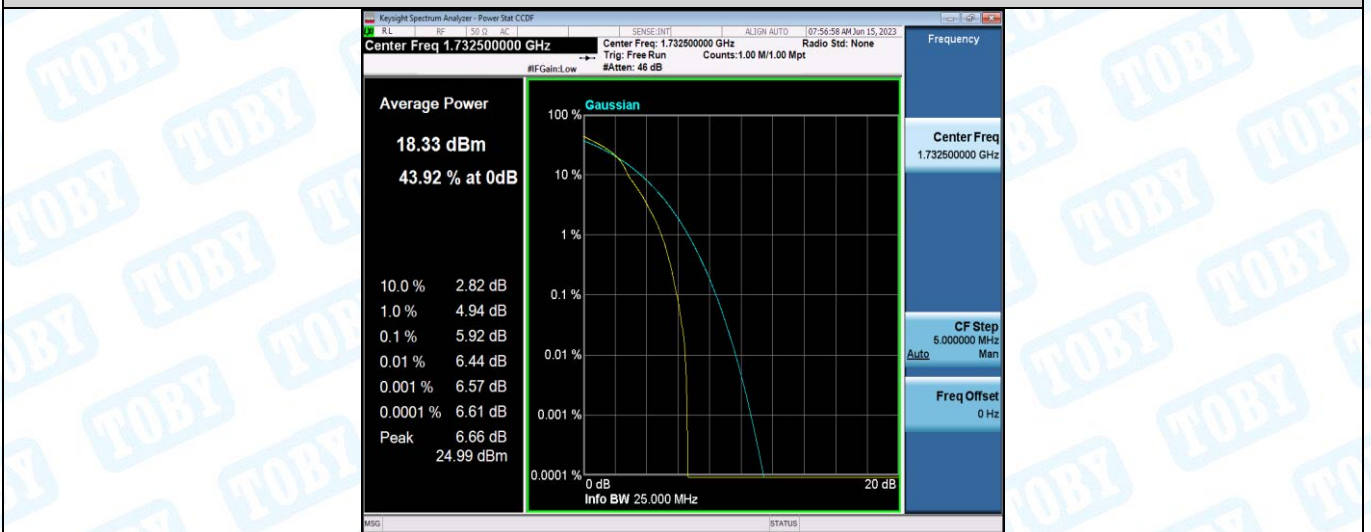
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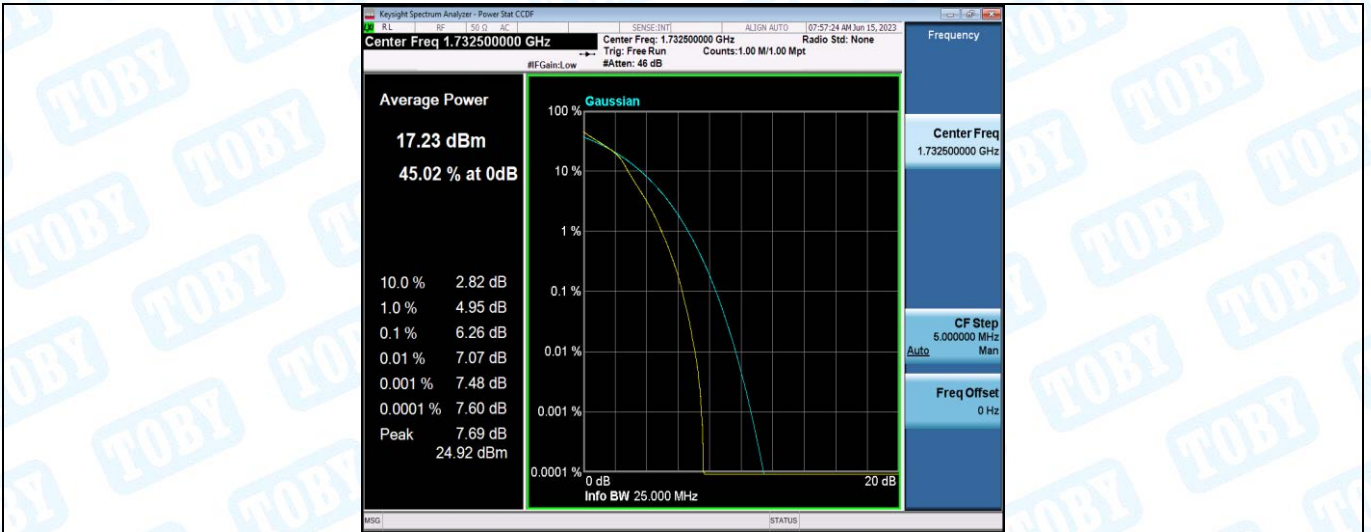
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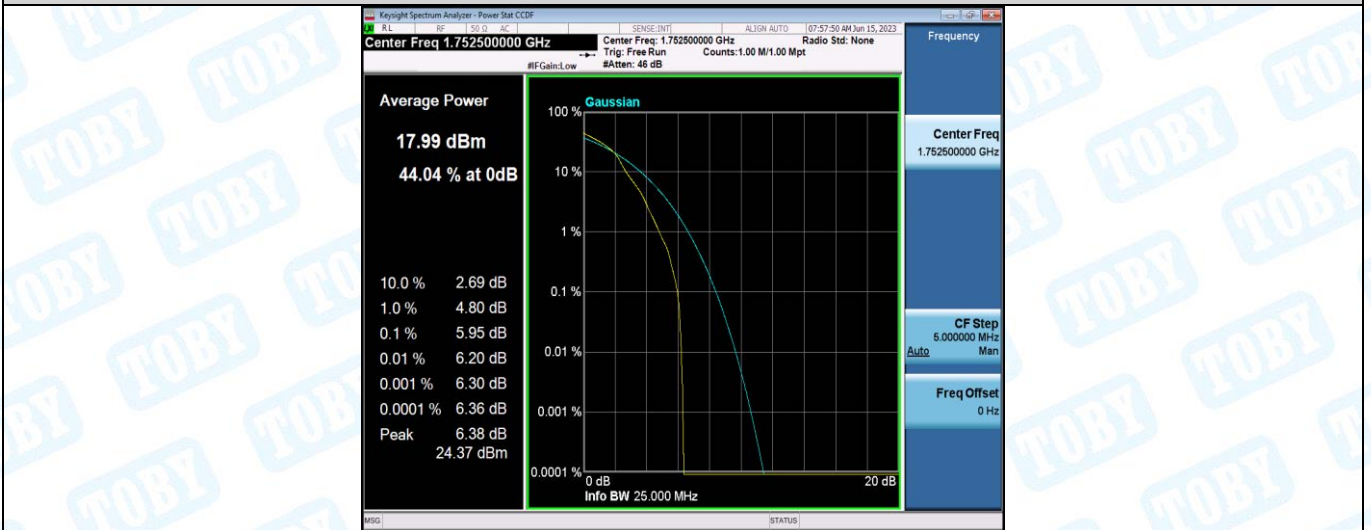
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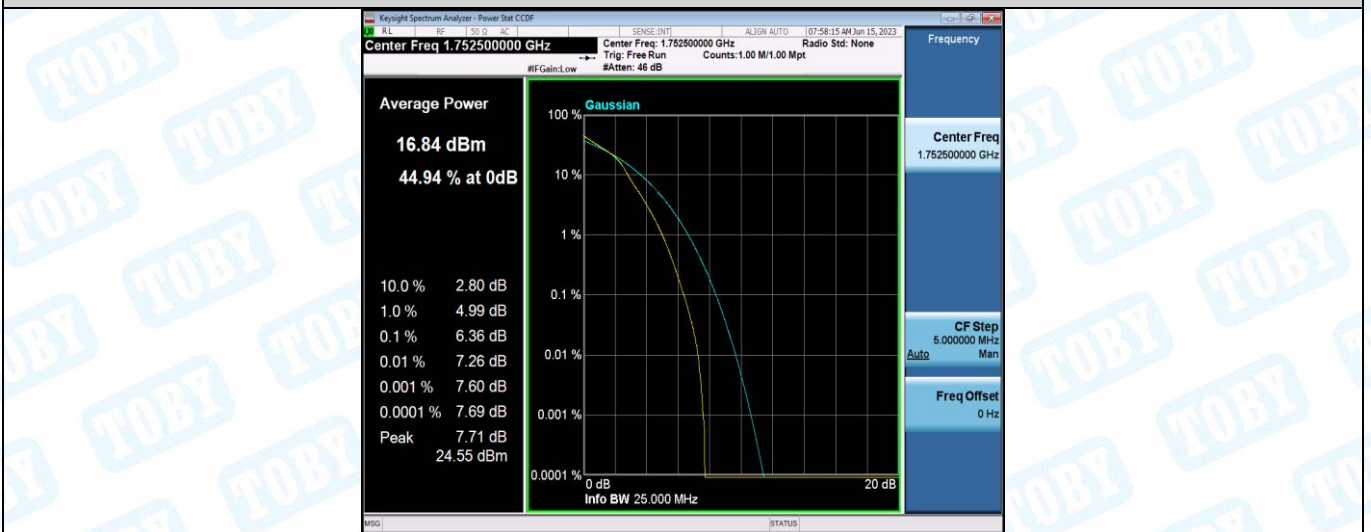
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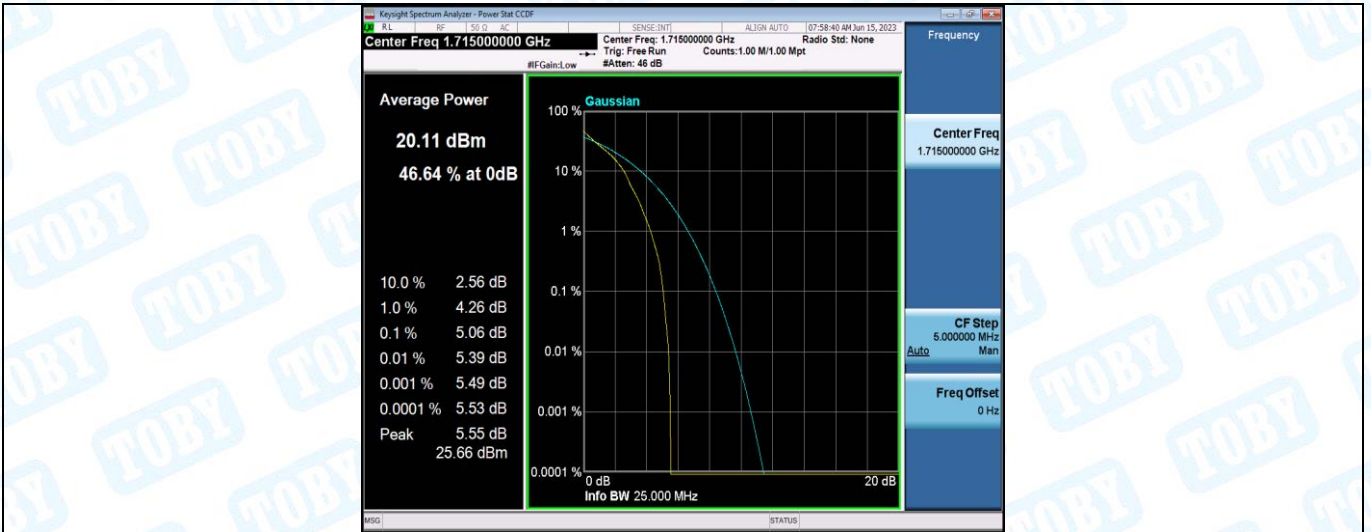


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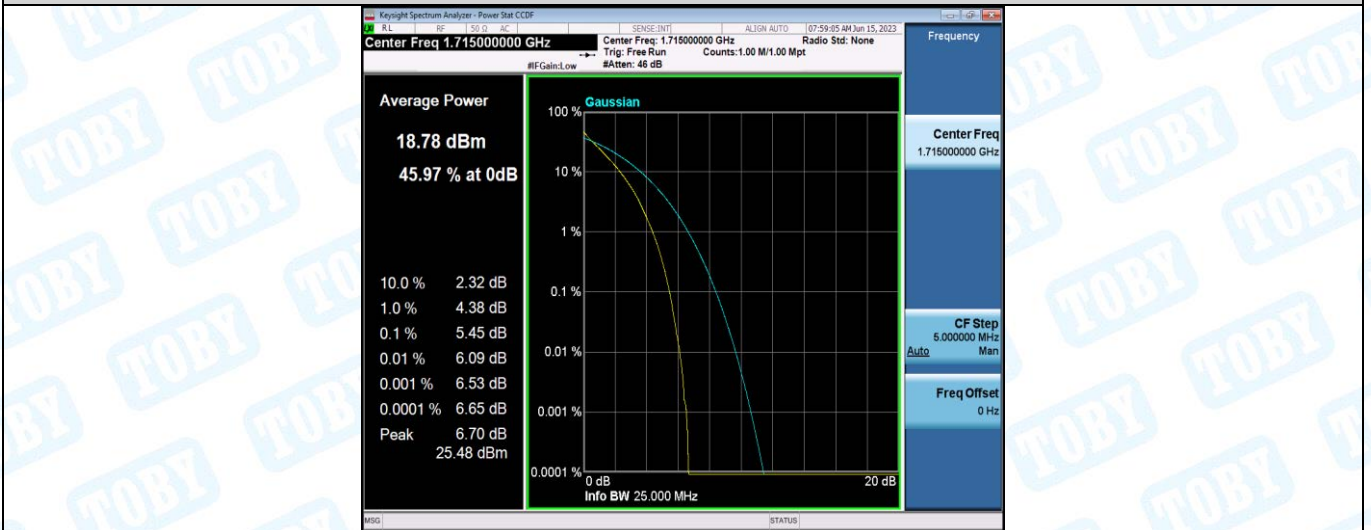


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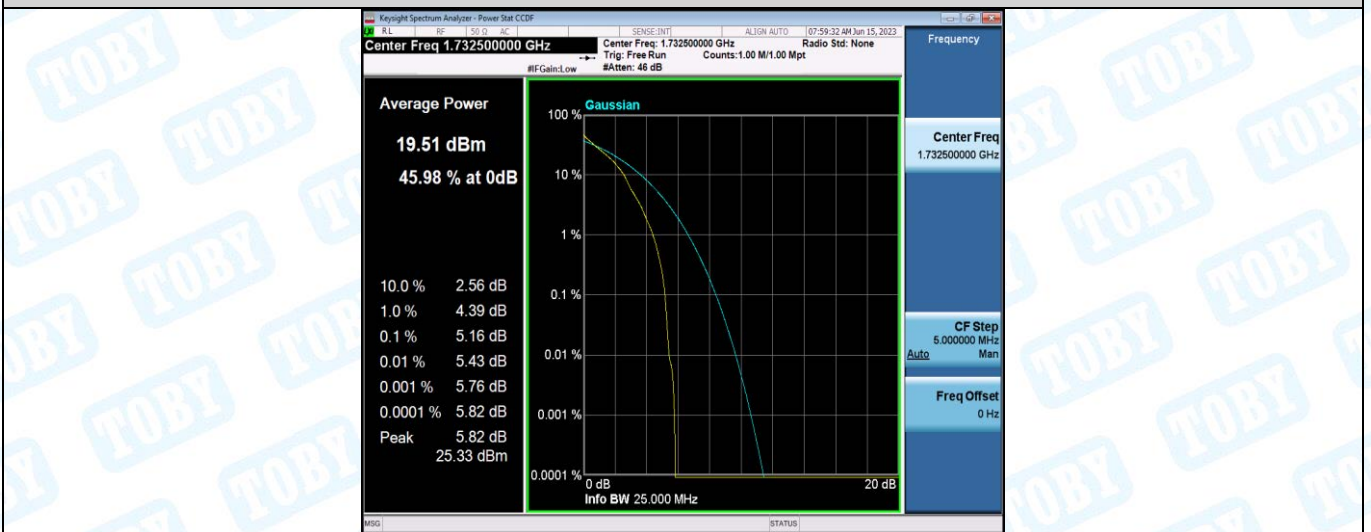




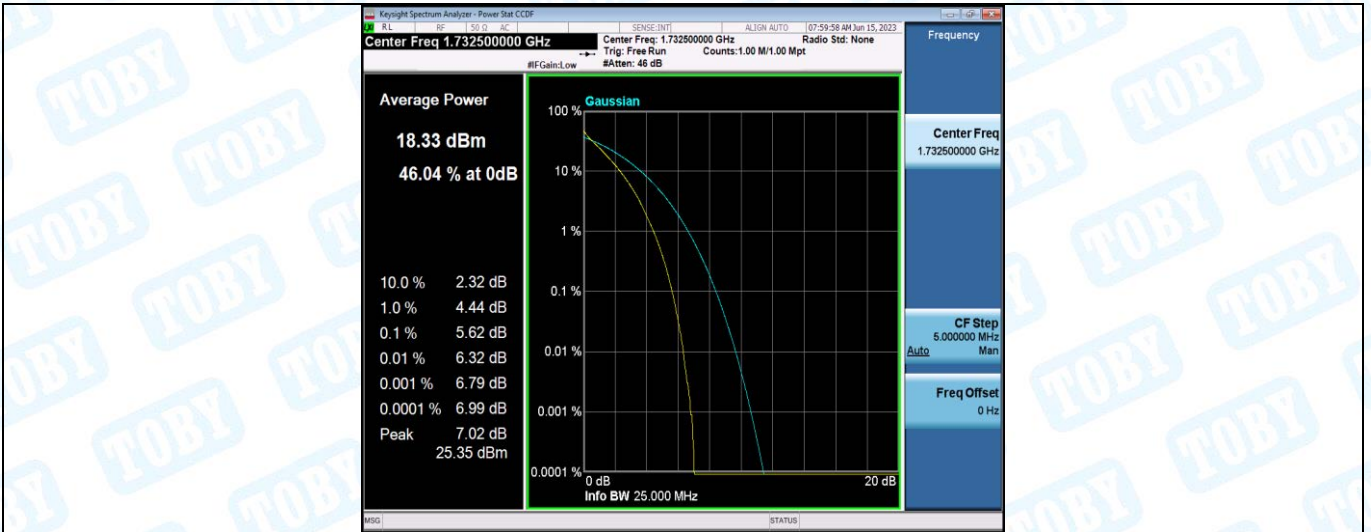
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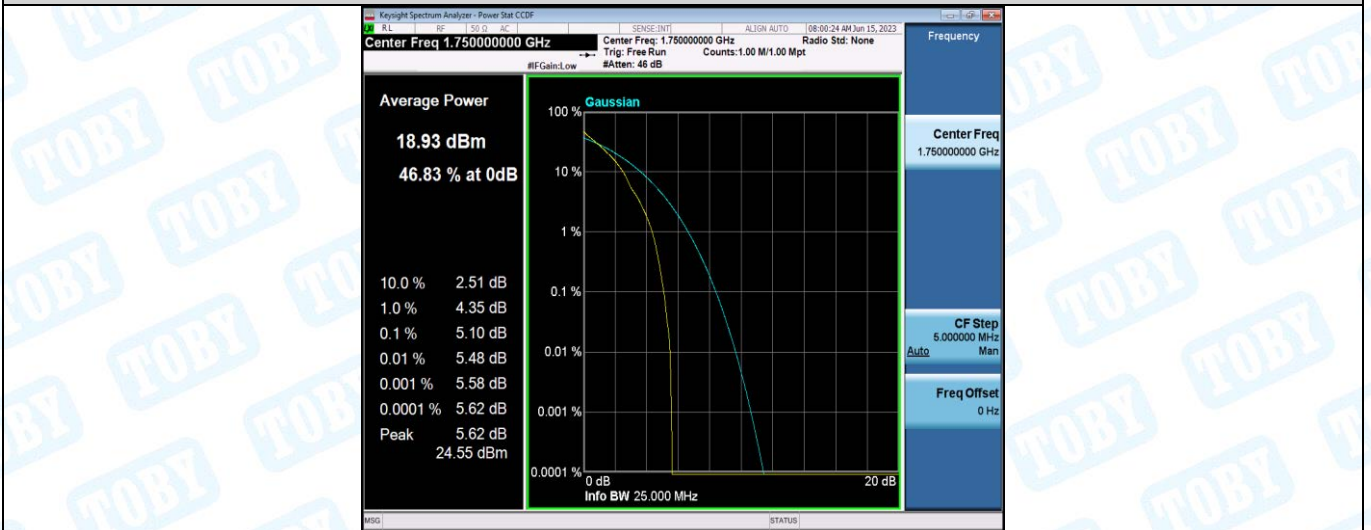
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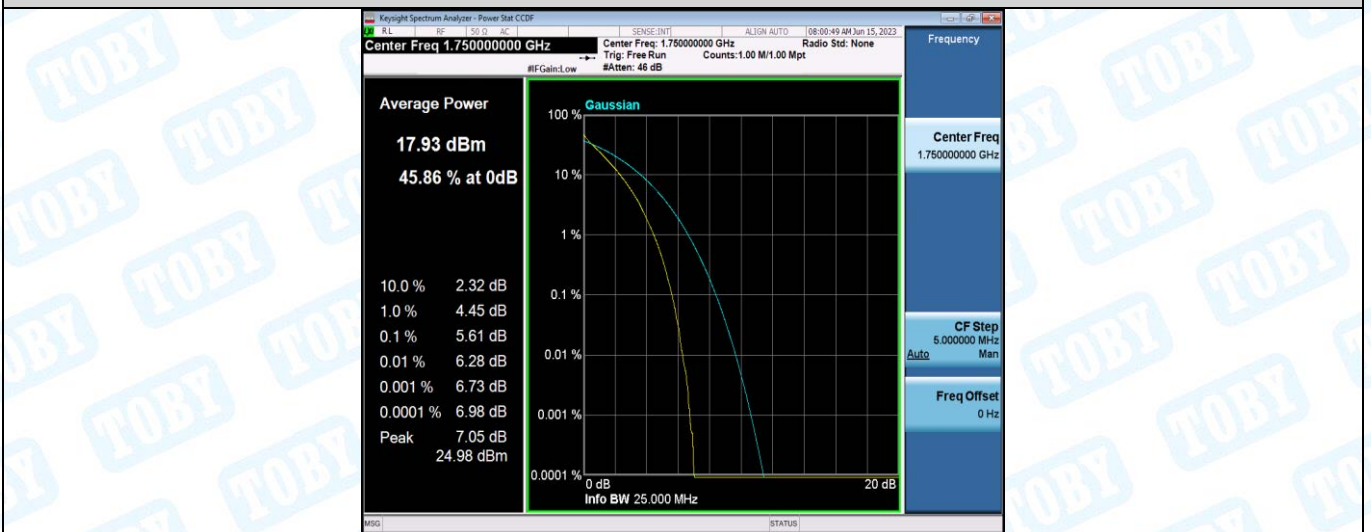
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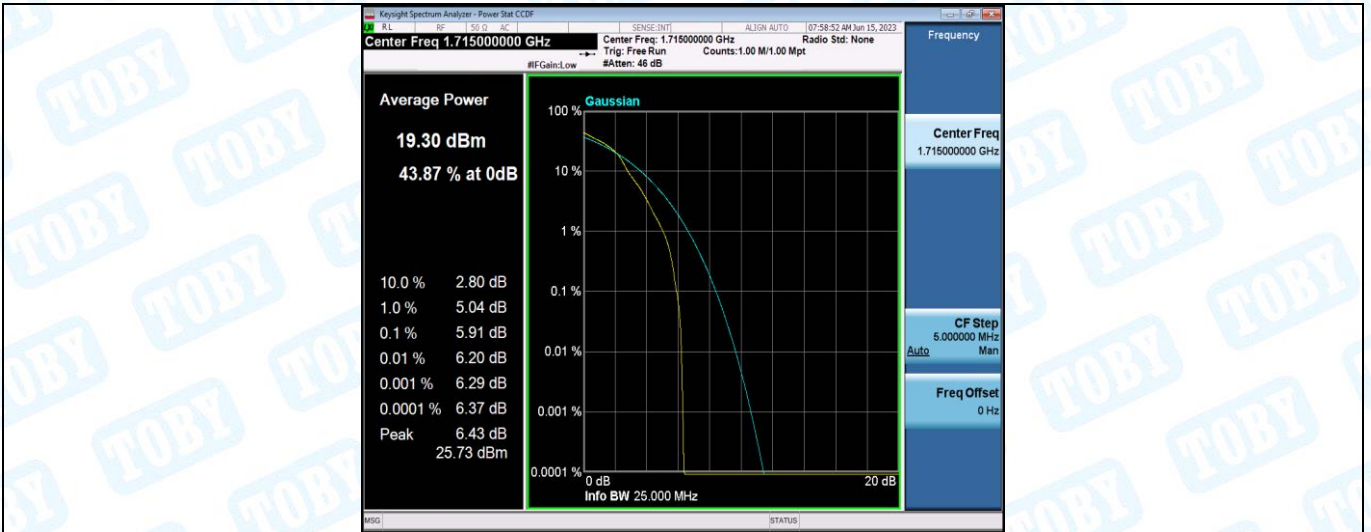
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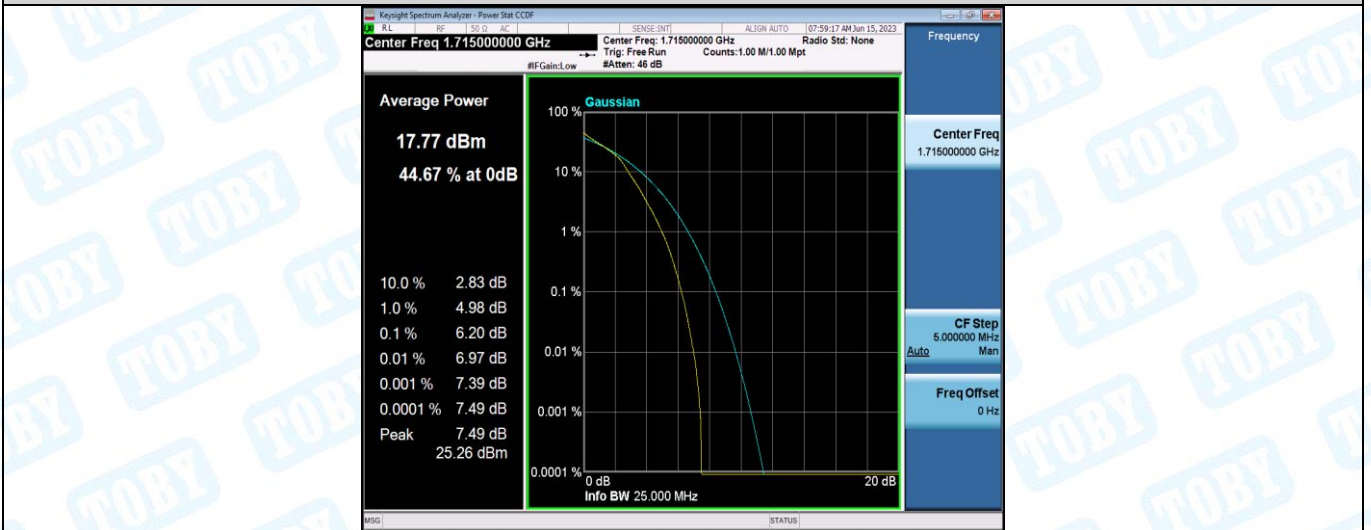
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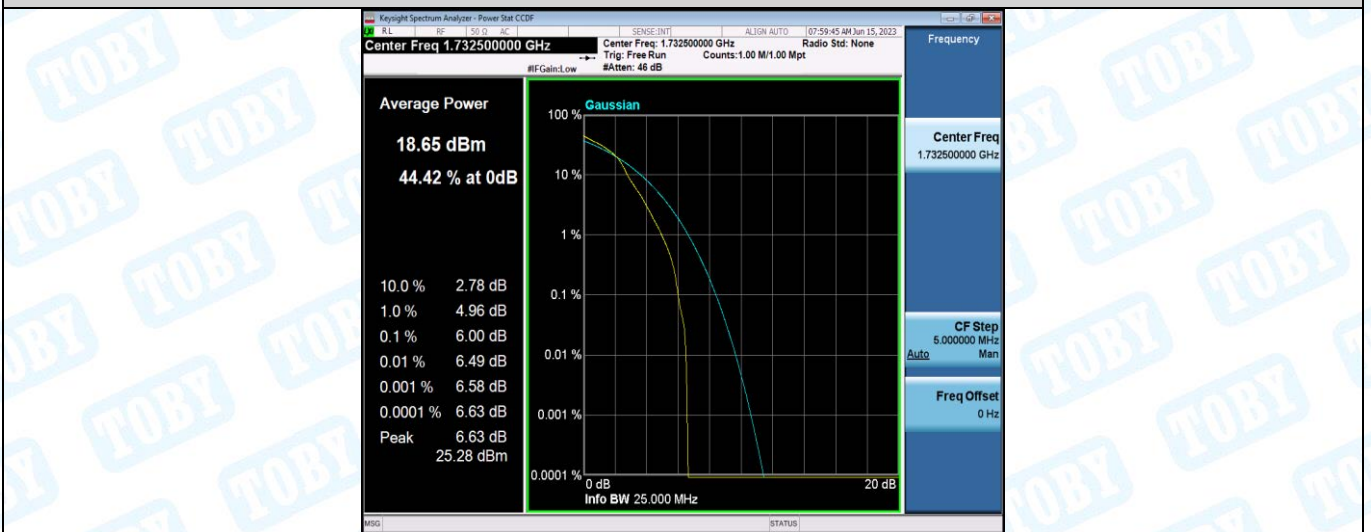
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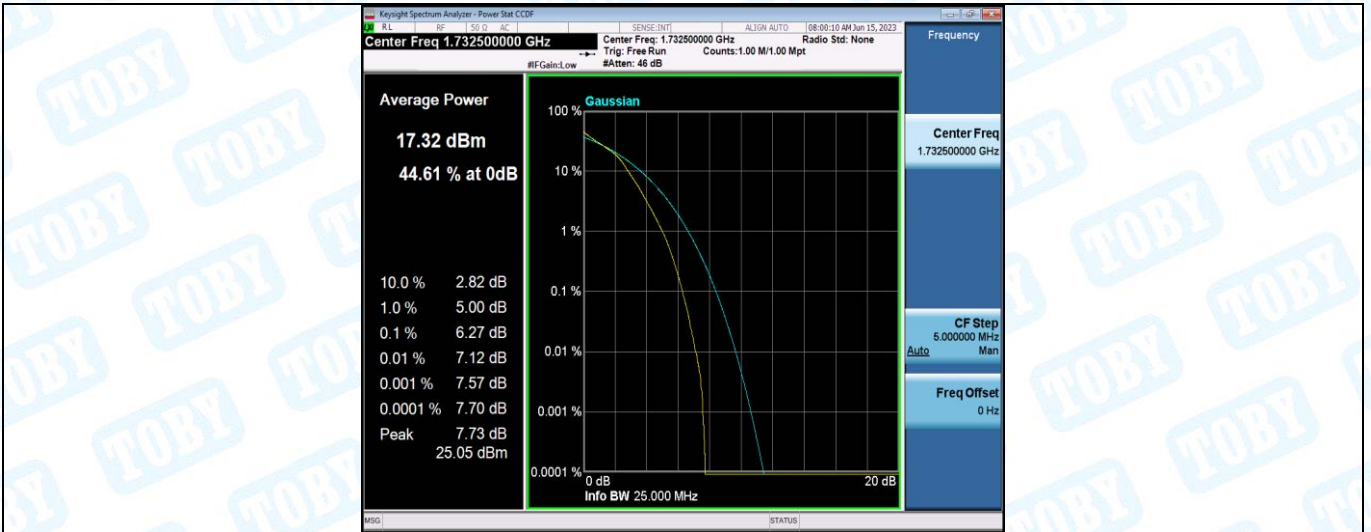
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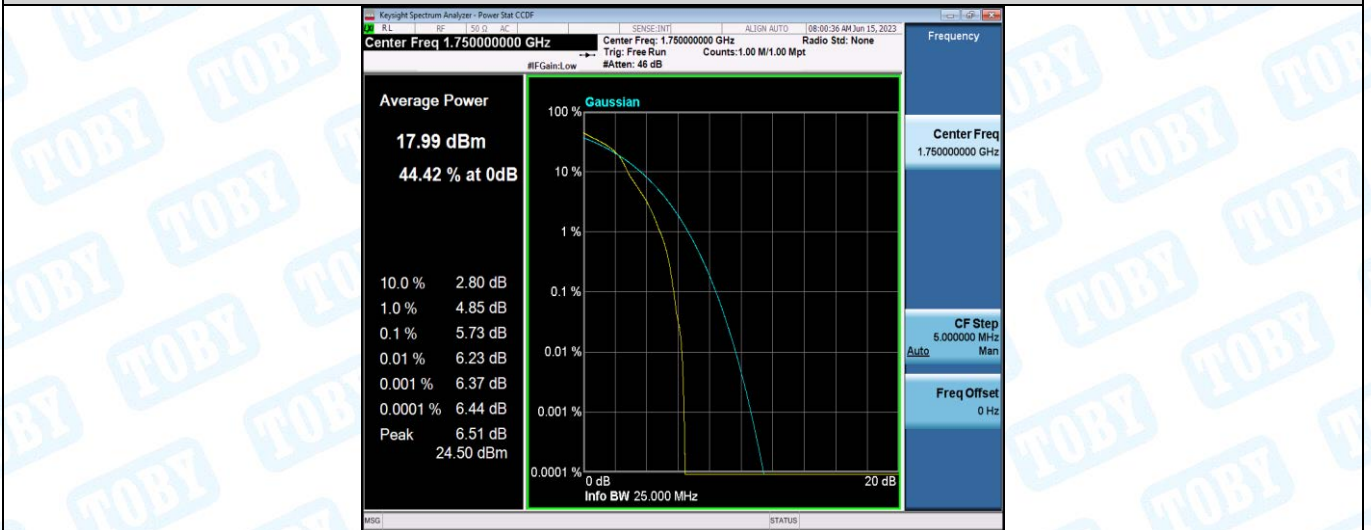
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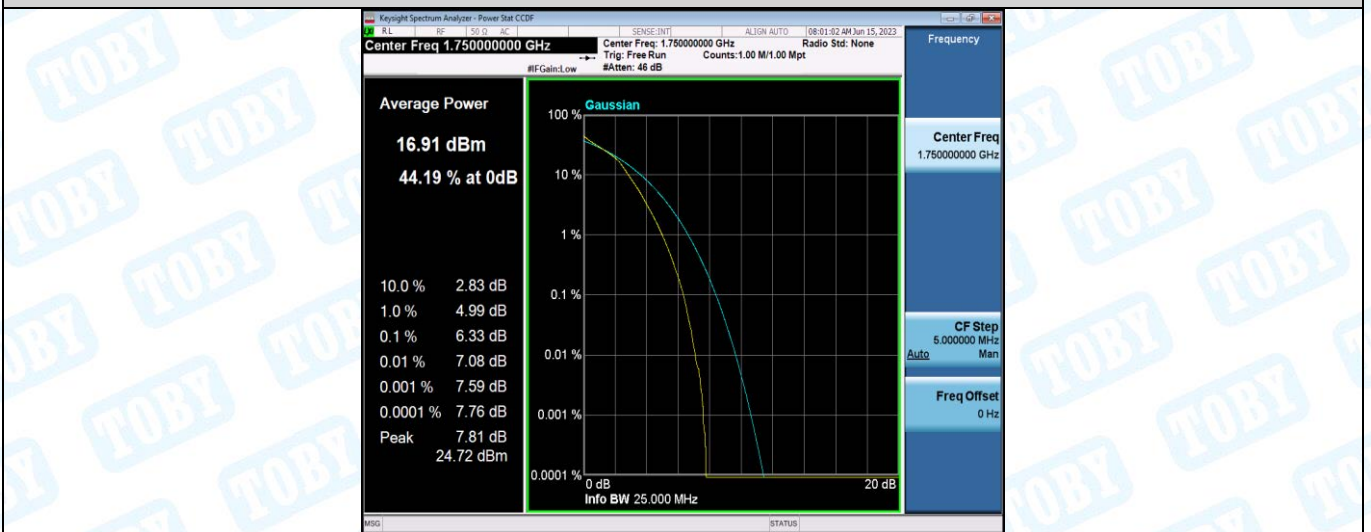
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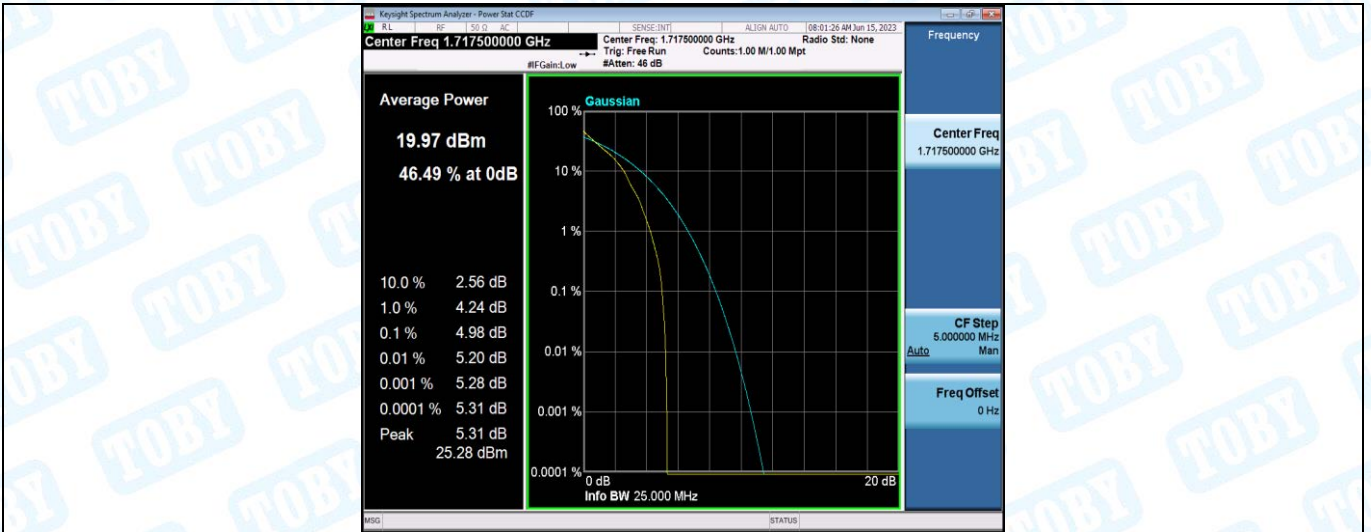
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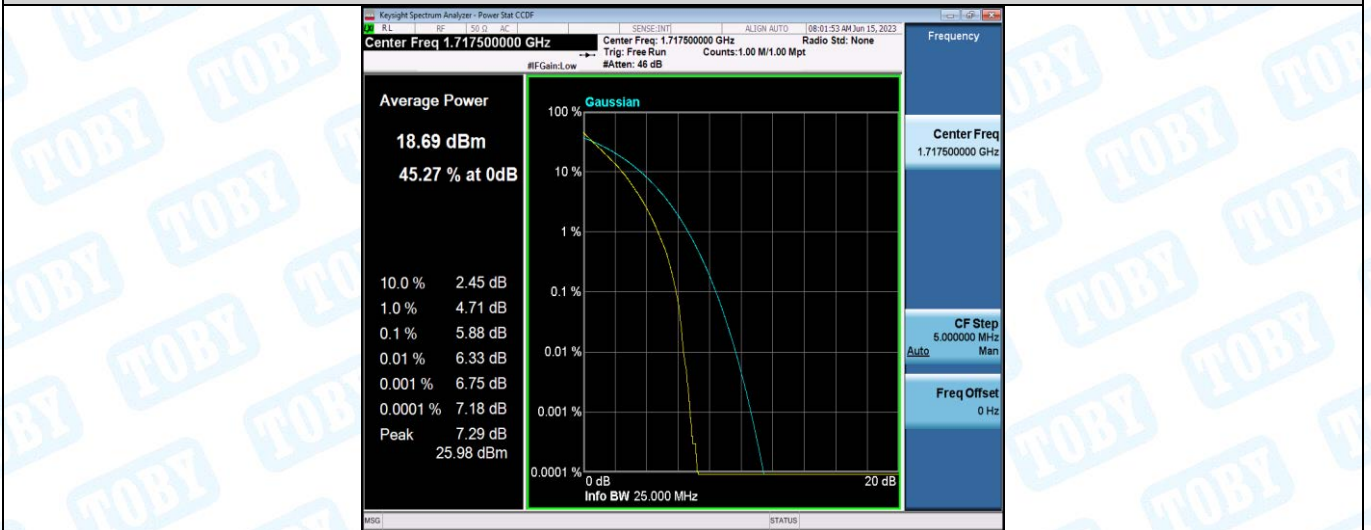
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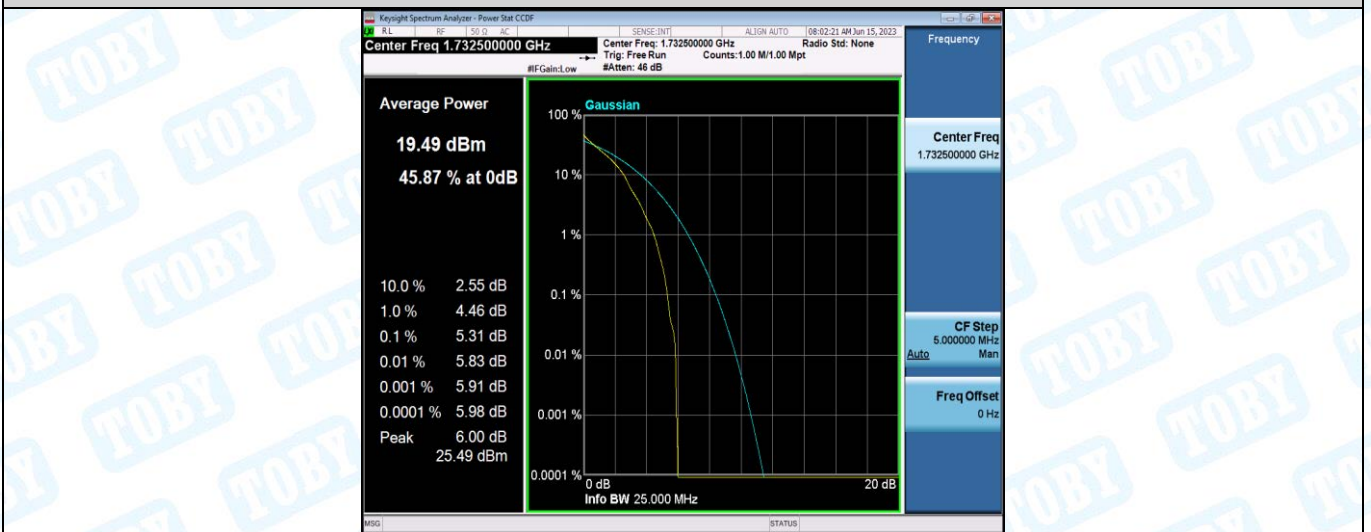
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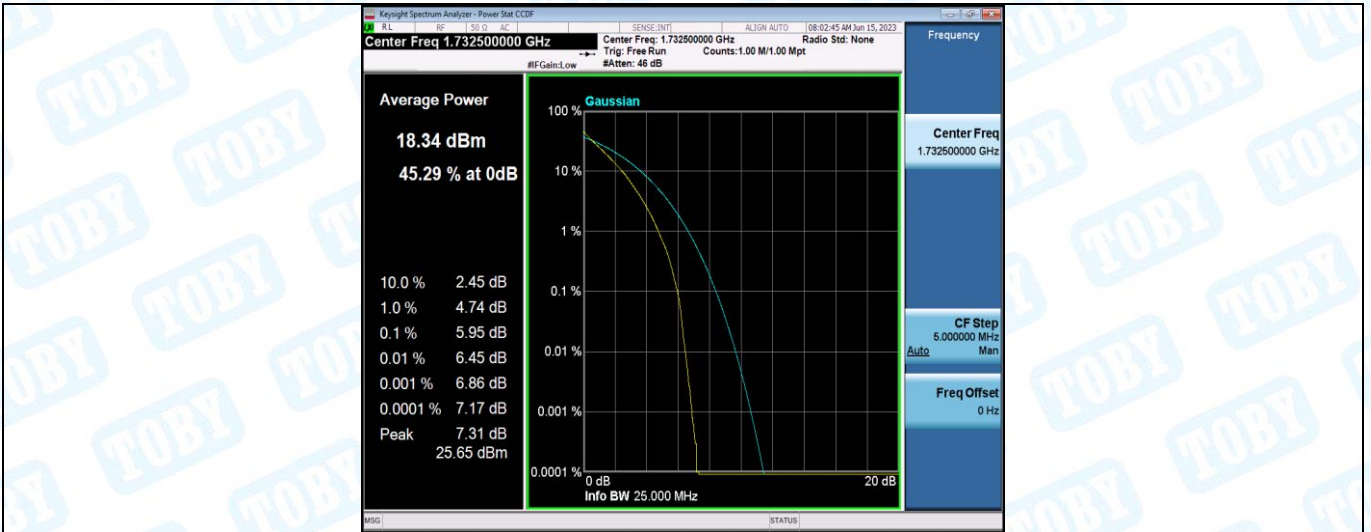
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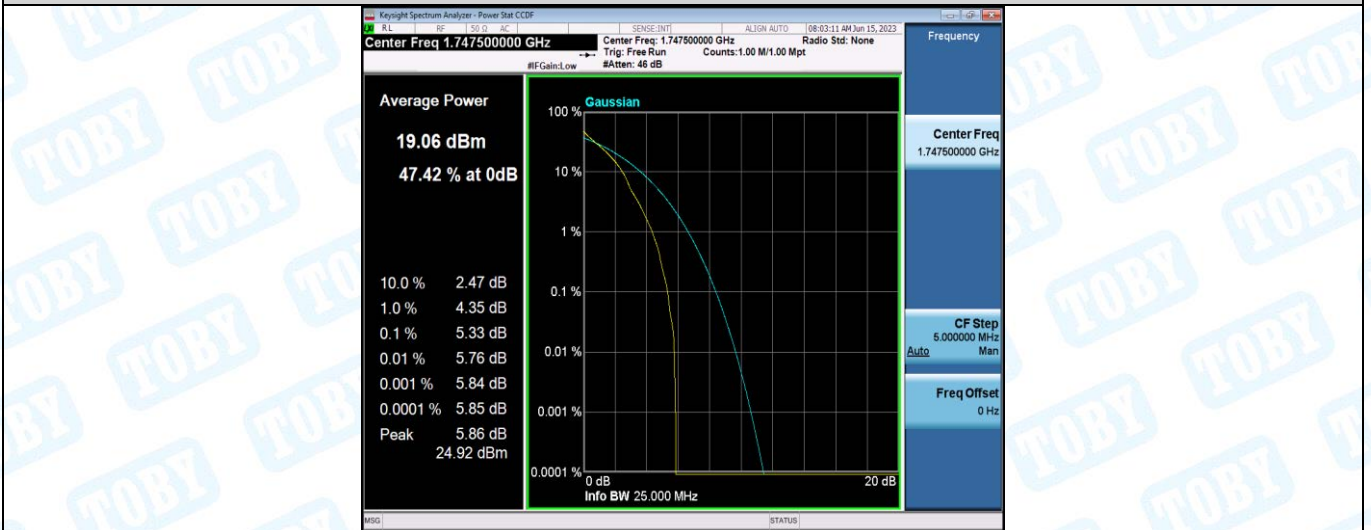
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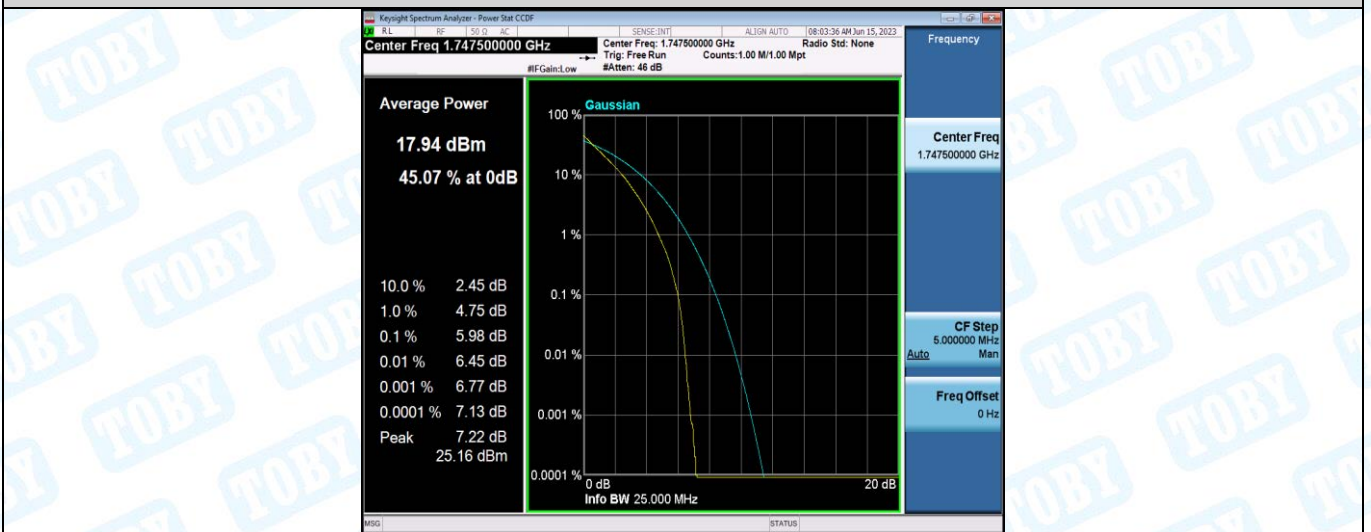
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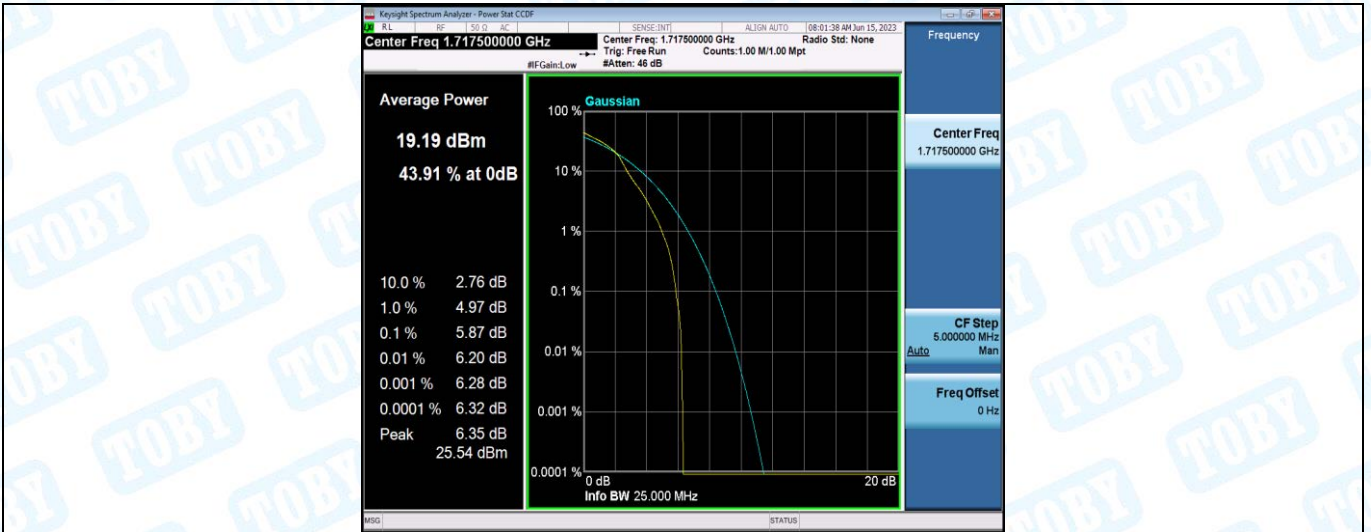
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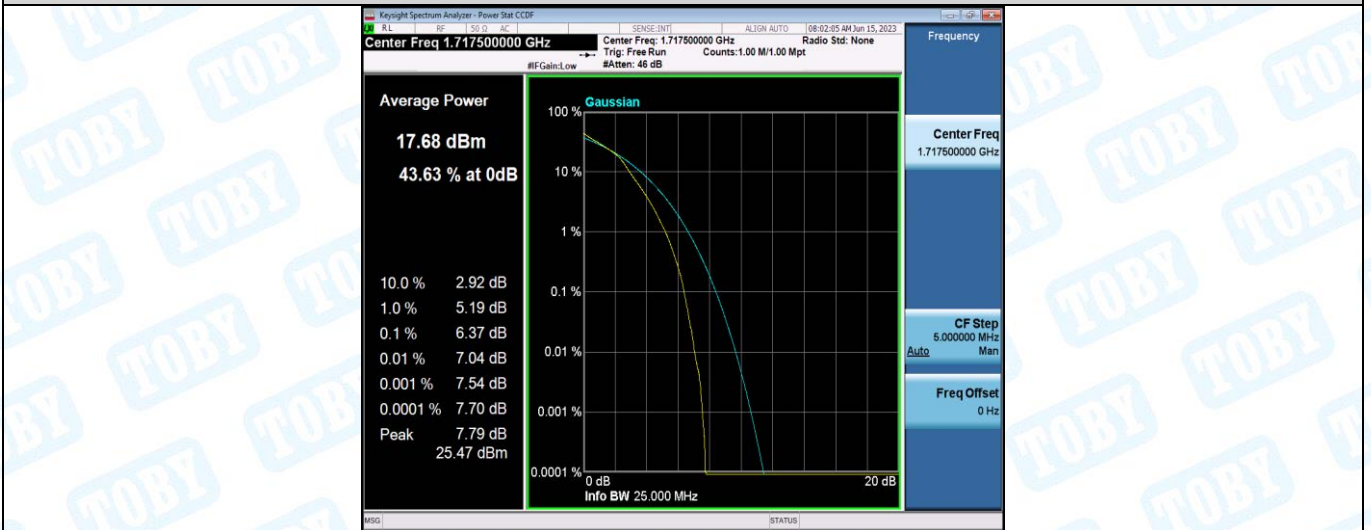
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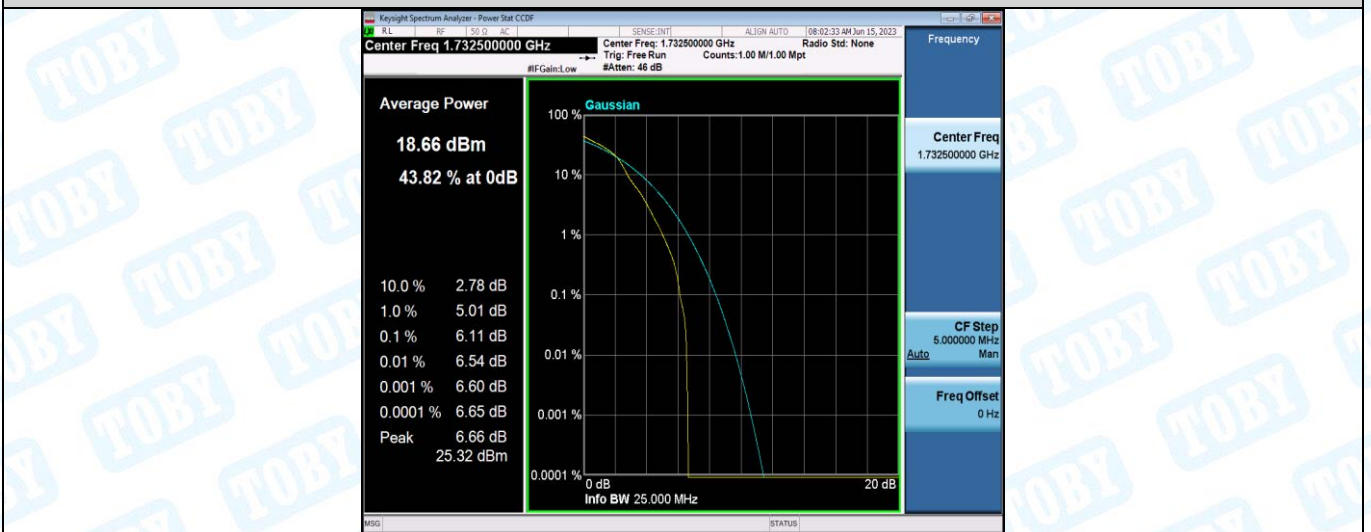
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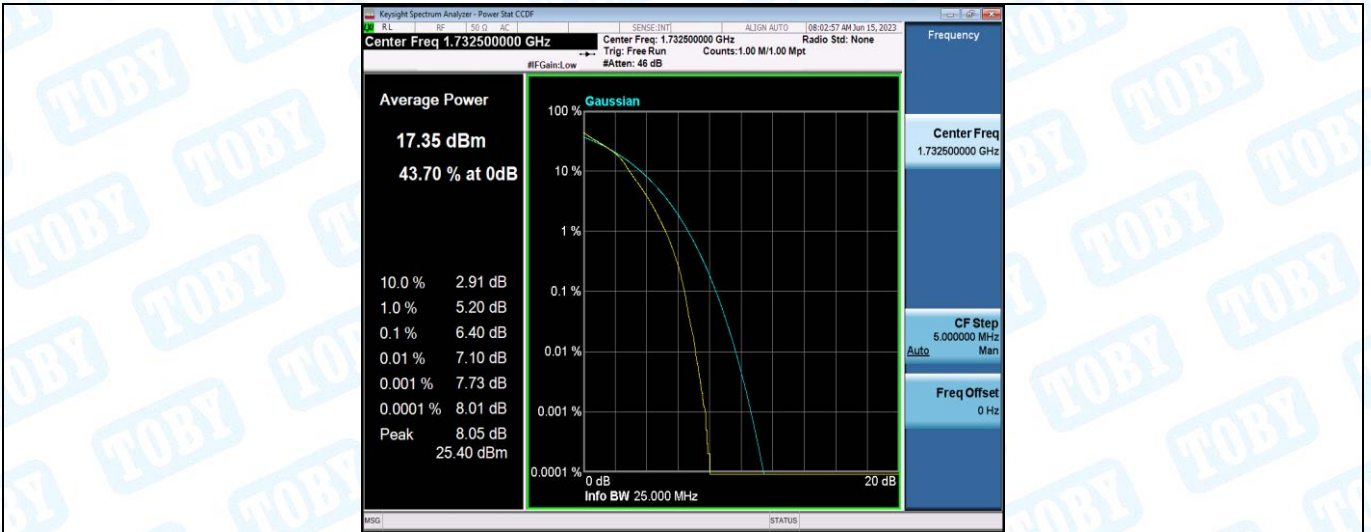
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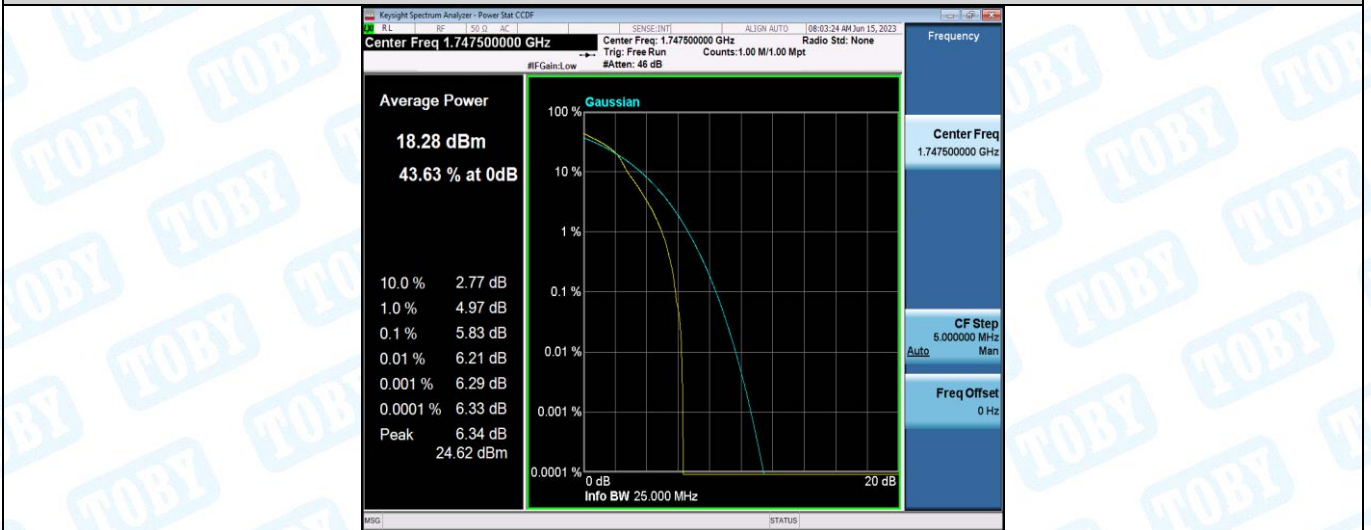
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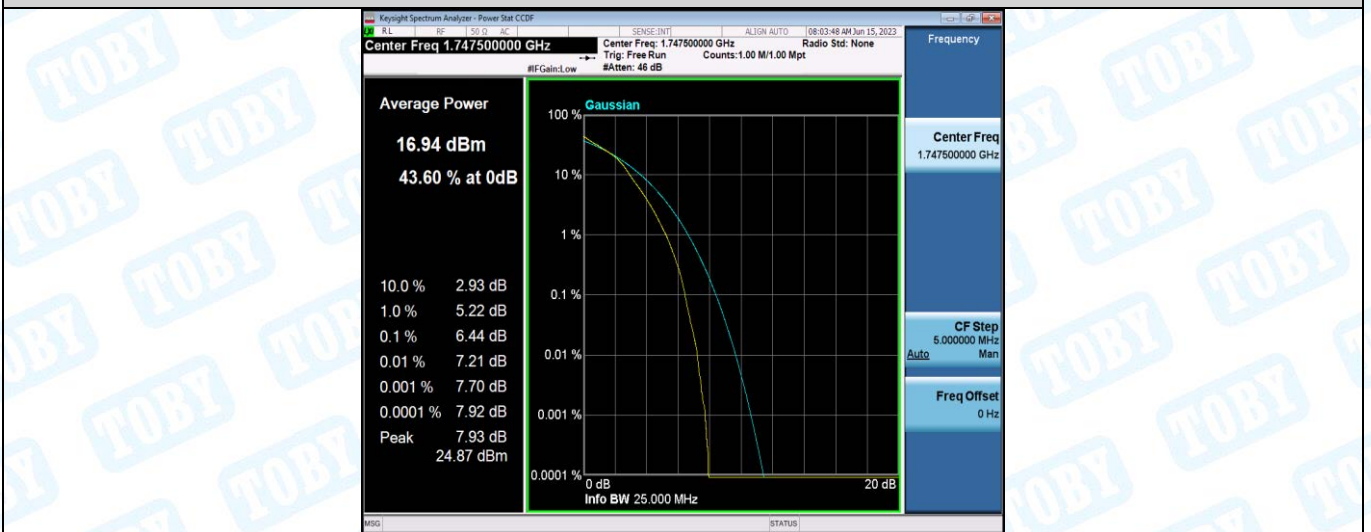
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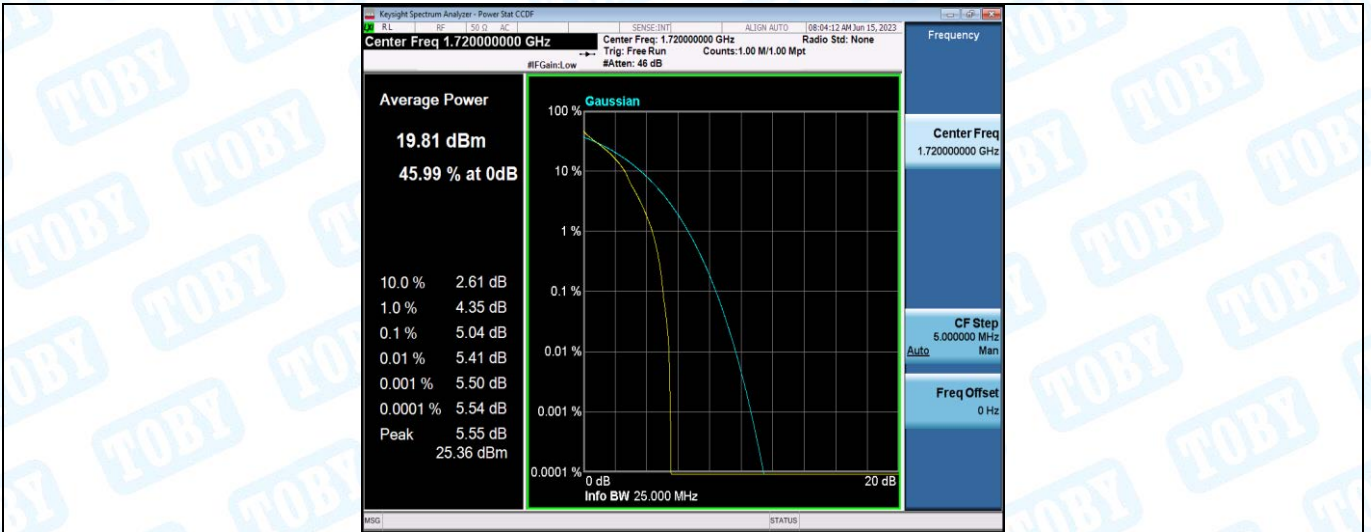


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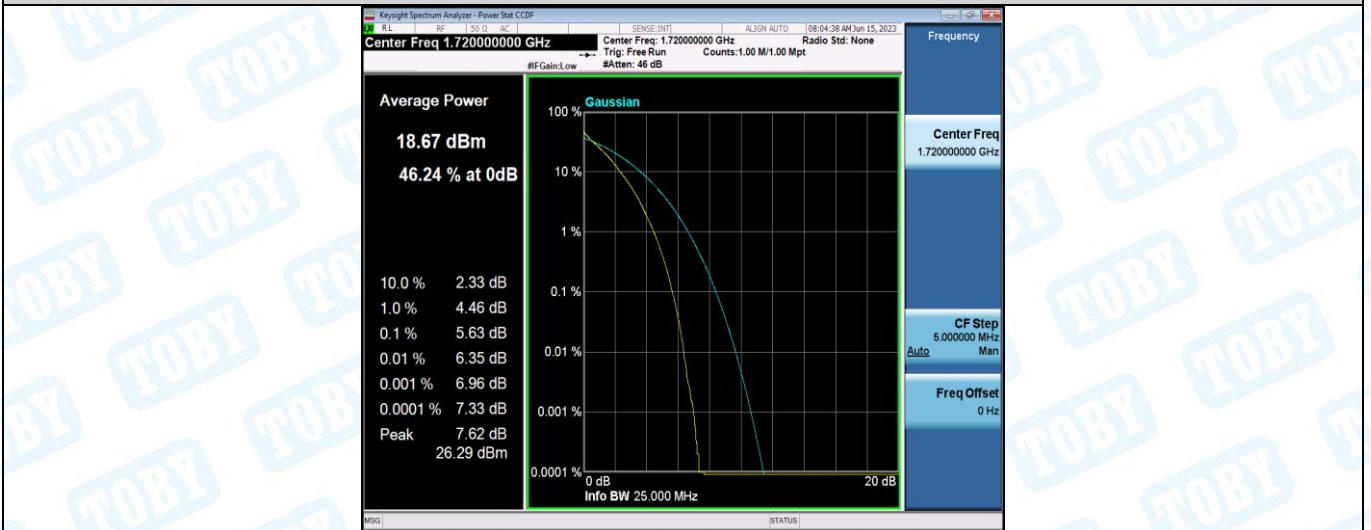


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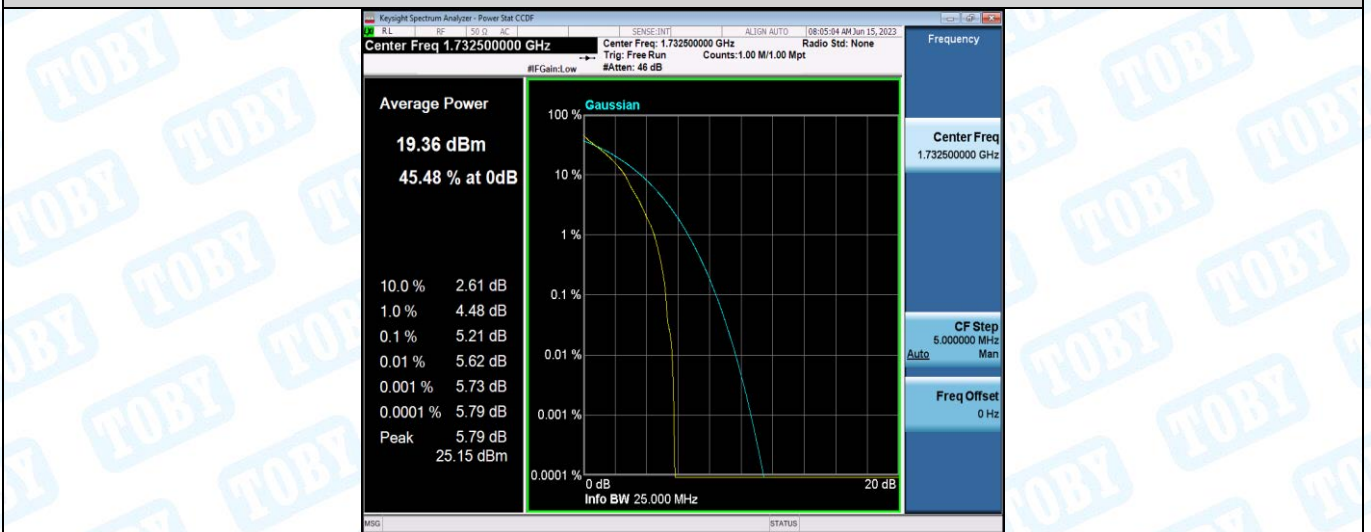




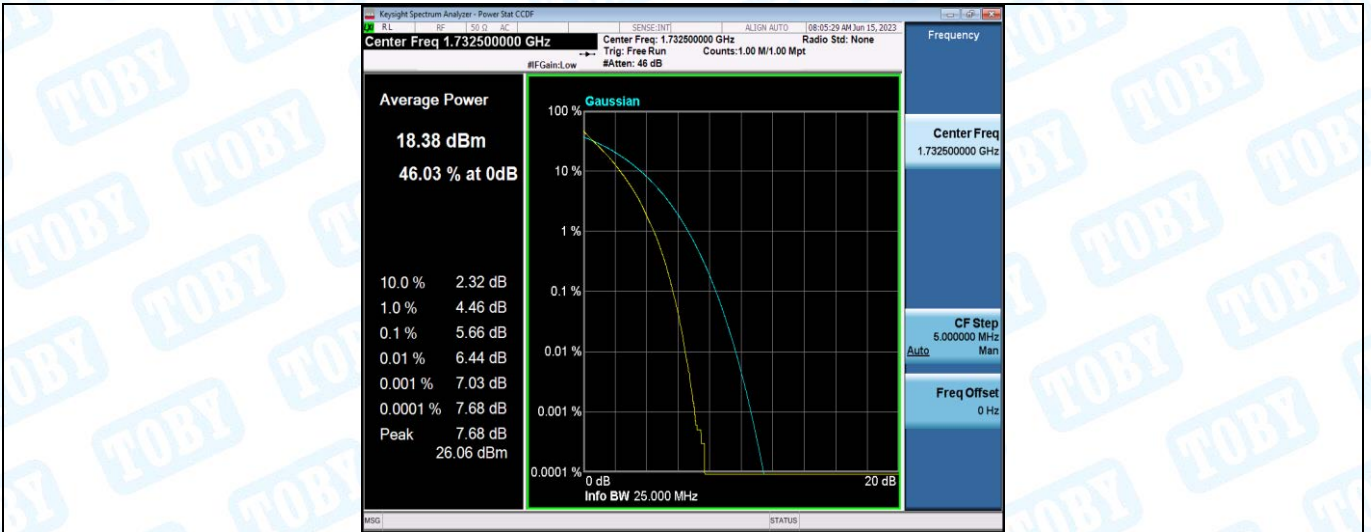
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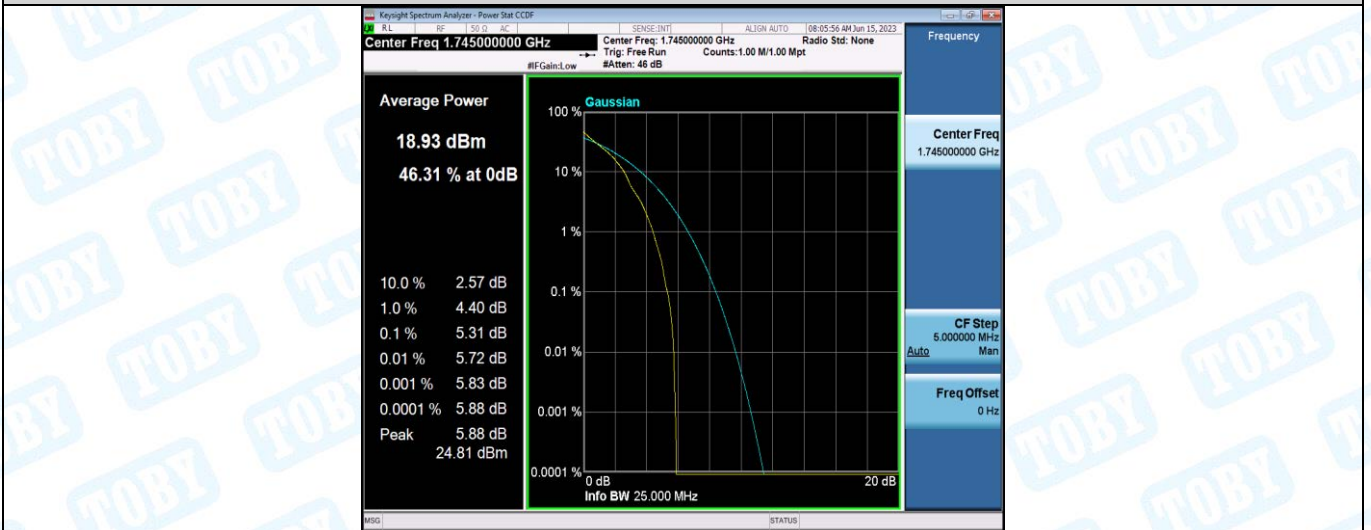
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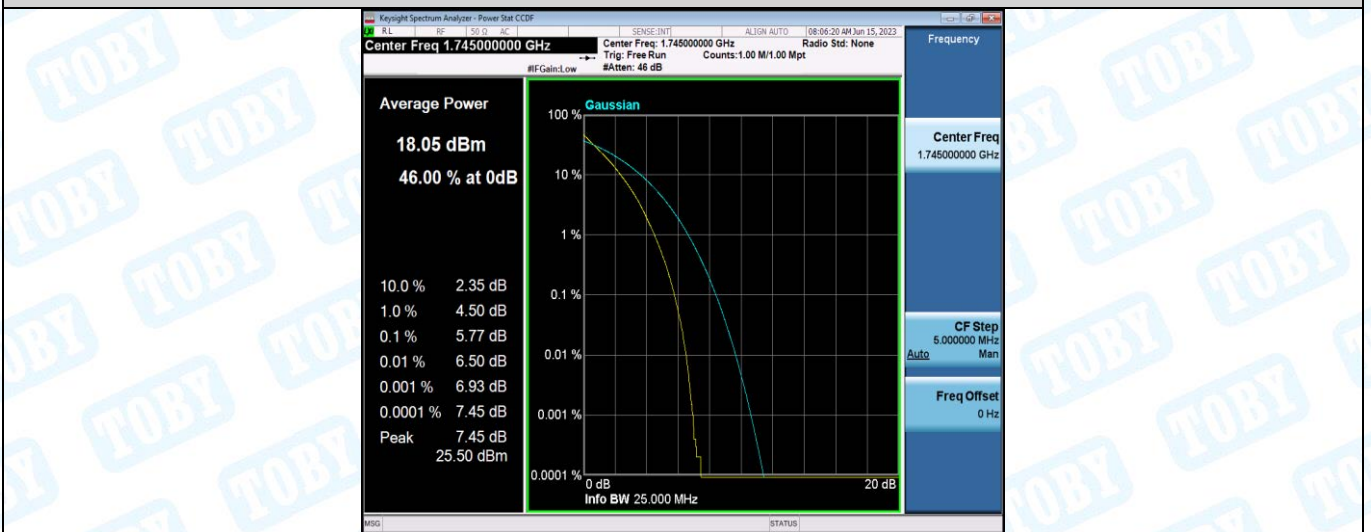
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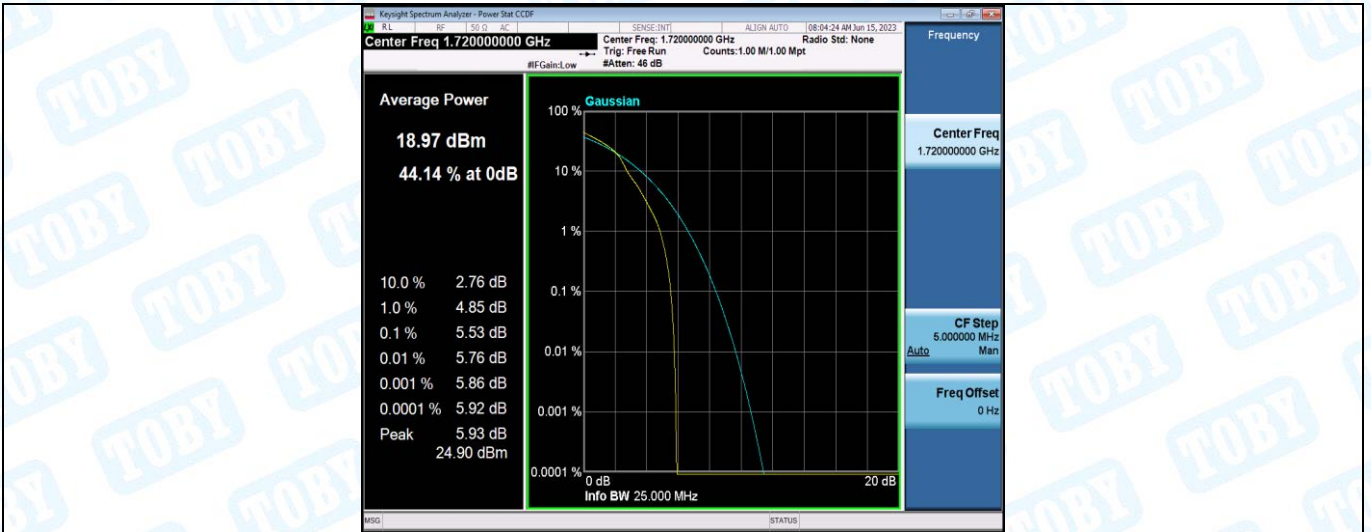
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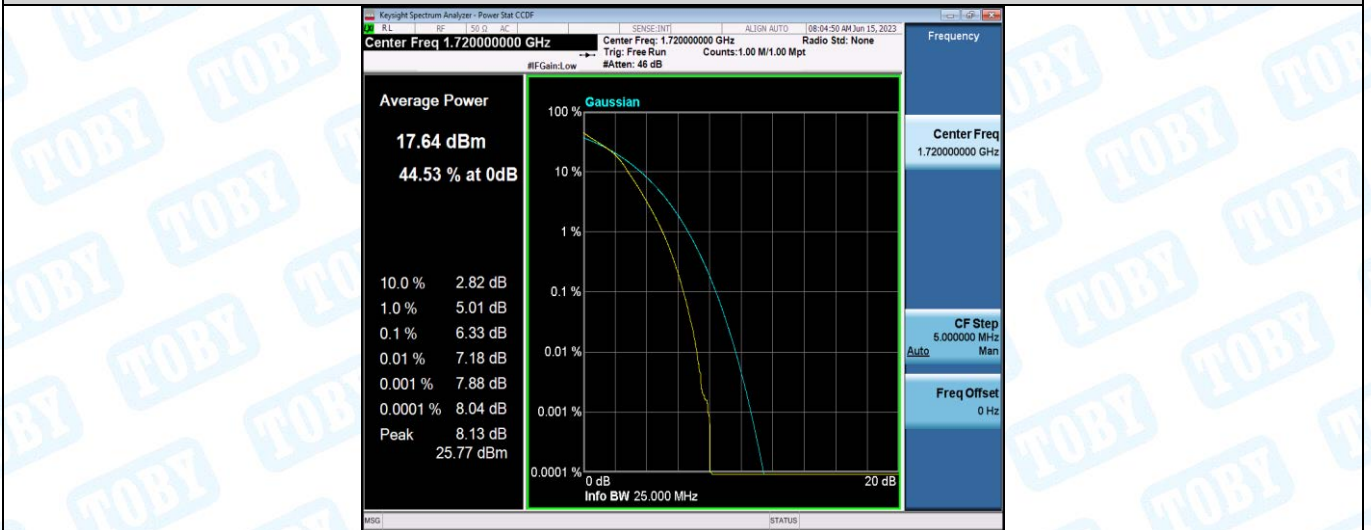
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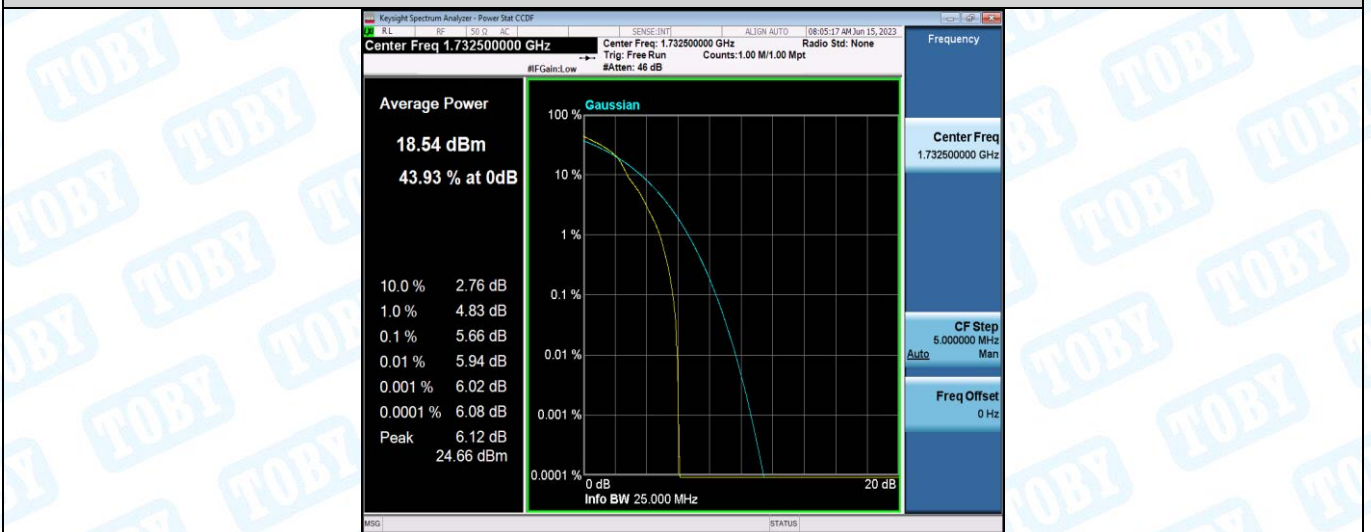
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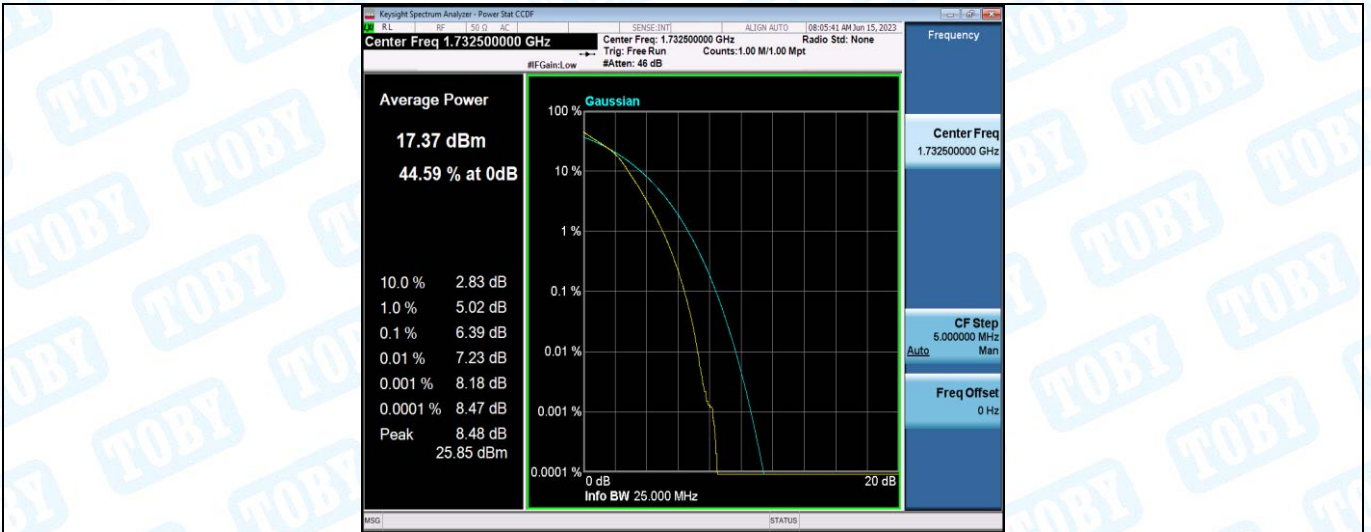
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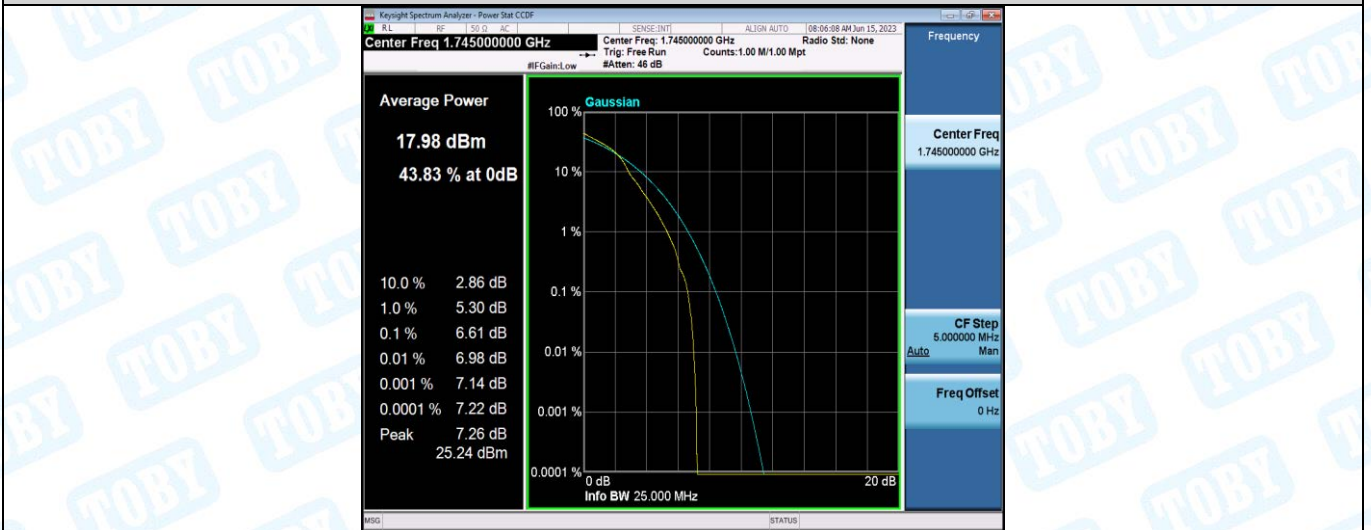
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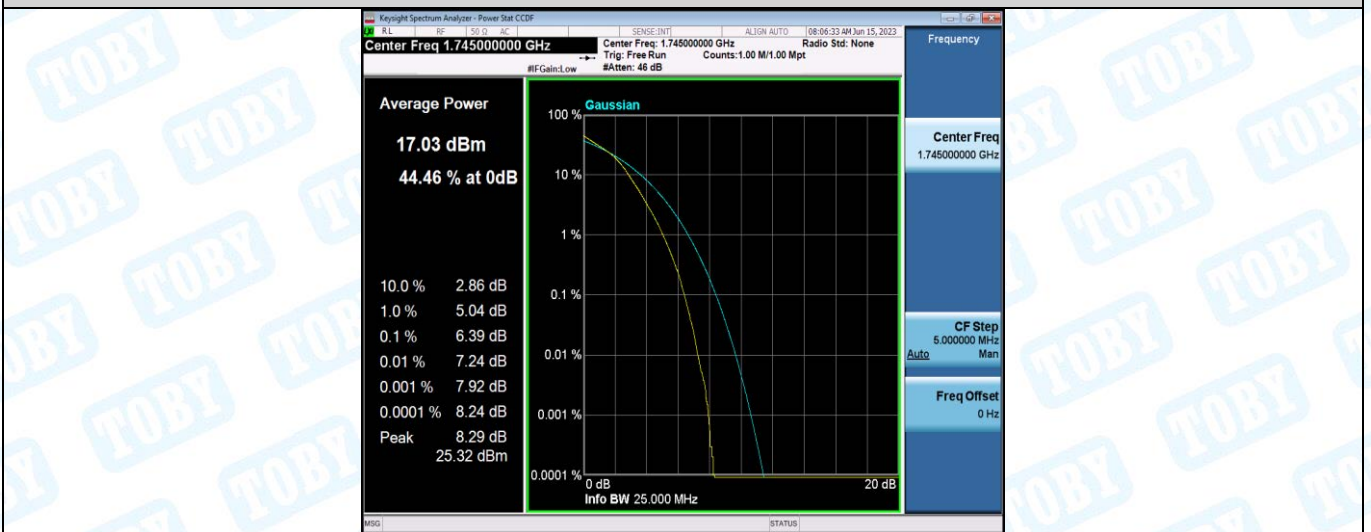
Band4-20MHz-16QAM-20175-100RB#0



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



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



### 3. 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	1.0942	1.307	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0935	1.291	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1012	1.305	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1018	1.294	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0971	1.290	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0908	1.293	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7006	2.969	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6981	2.952	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7052	2.965	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6964	2.965	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7066	2.985	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6968	2.985	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5219	5.021	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5215	5.023	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5003	4.995	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5043	4.980	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4978	4.984	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5238	5.020	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9801	9.953	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9744	9.931	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9880	9.921	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9787	9.795	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9632	9.874	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9666	9.868	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.472	14.83	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.450	14.74	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.436	14.72	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.465	14.75	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.436	14.71	PASS

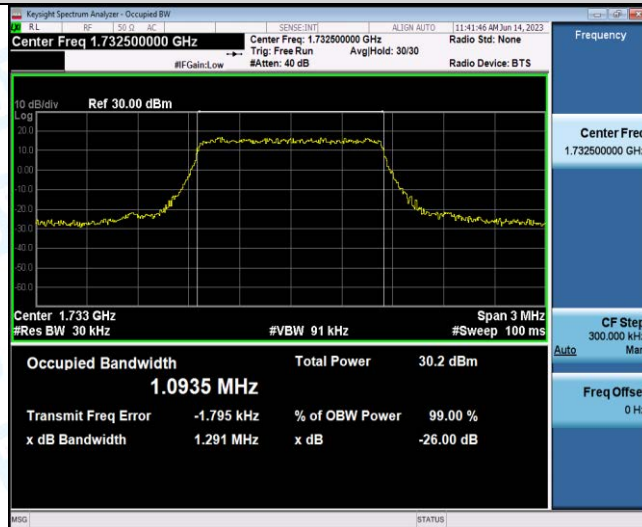
Band4	15MHz	16QAM	20325	75RB#0	13.450	14.81	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.926	19.43	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.880	19.37	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.908	19.35	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.958	19.44	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.856	19.42	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.931	19.40	PASS

Test Graphs

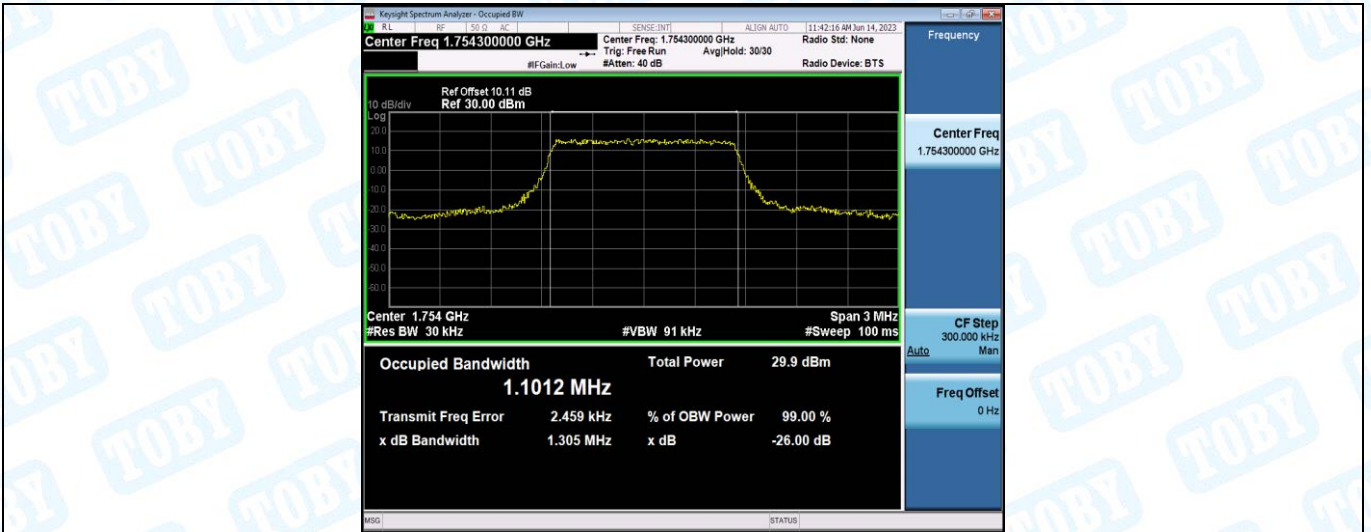
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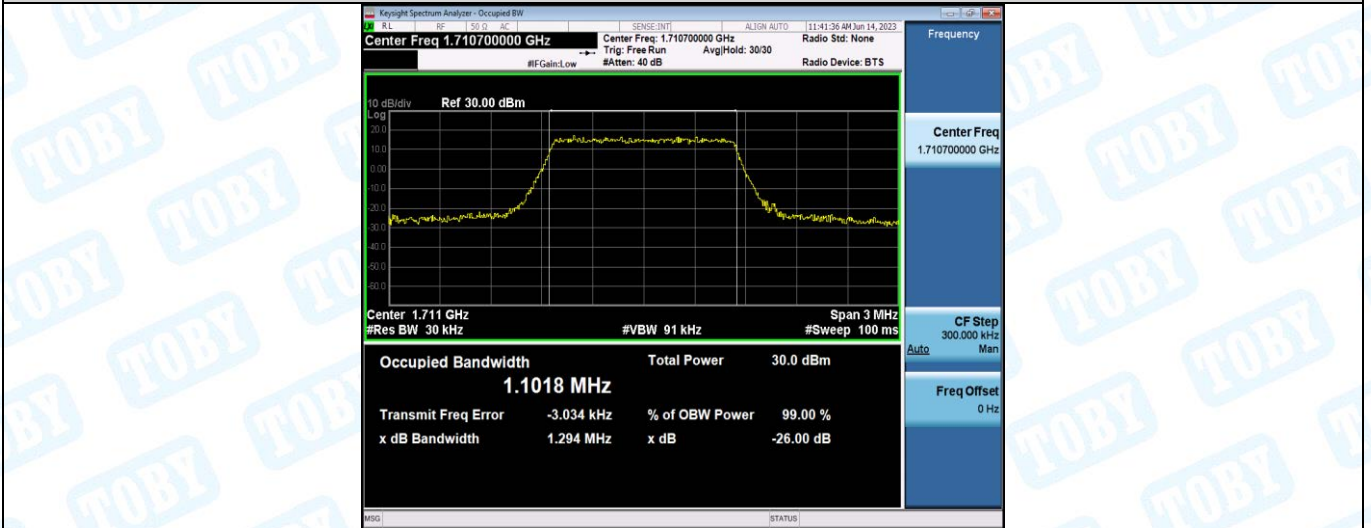
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Band4-1.4MHz-QPSK-20393-6RB#0



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



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

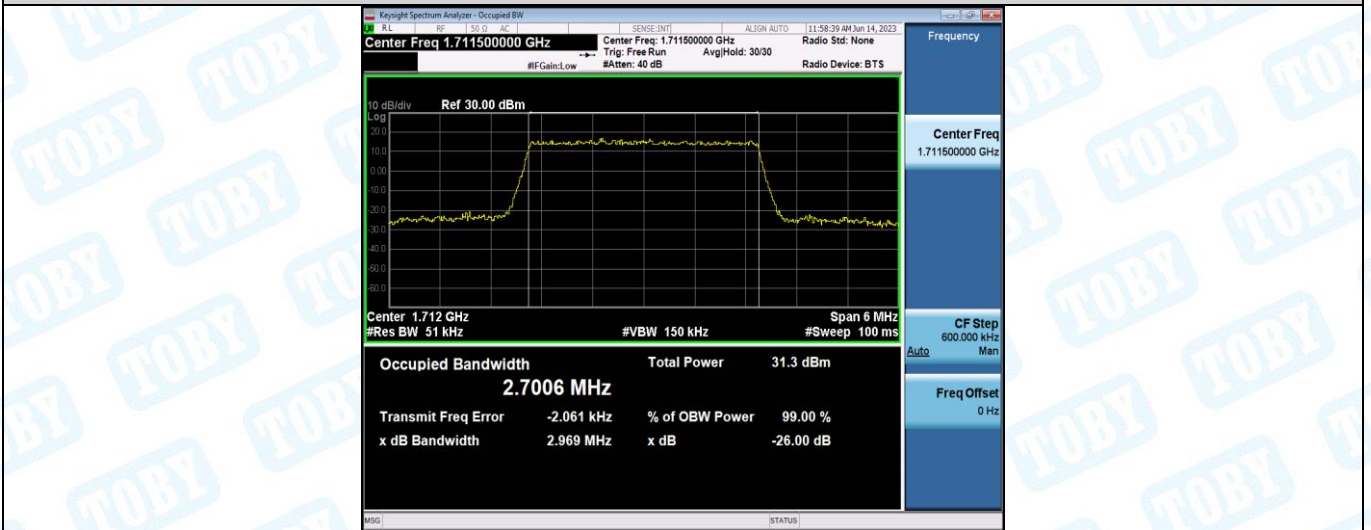


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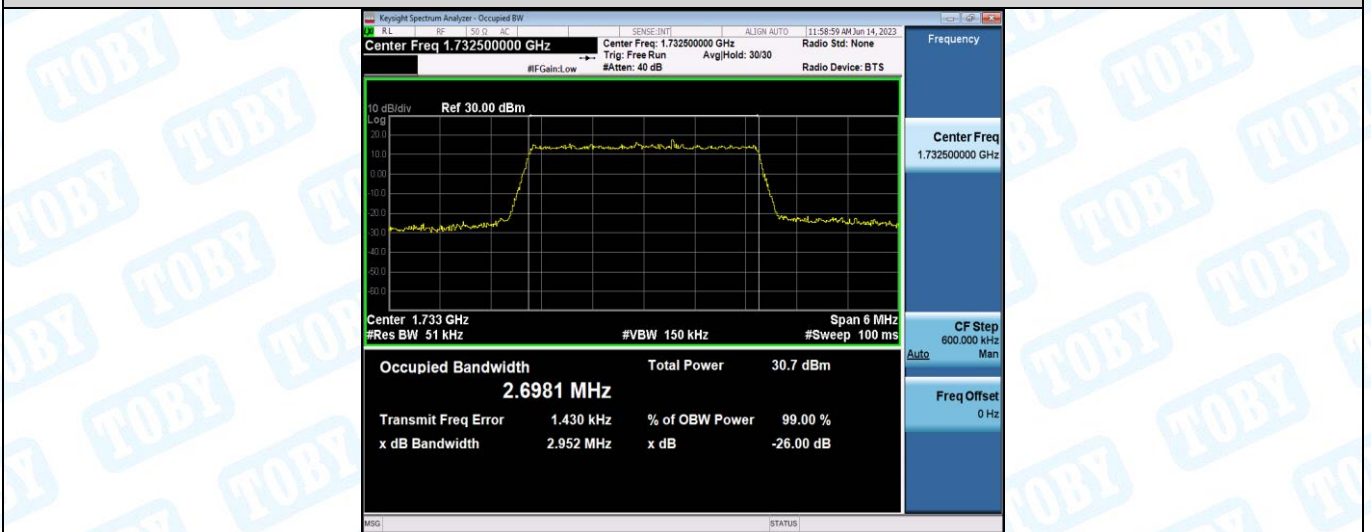




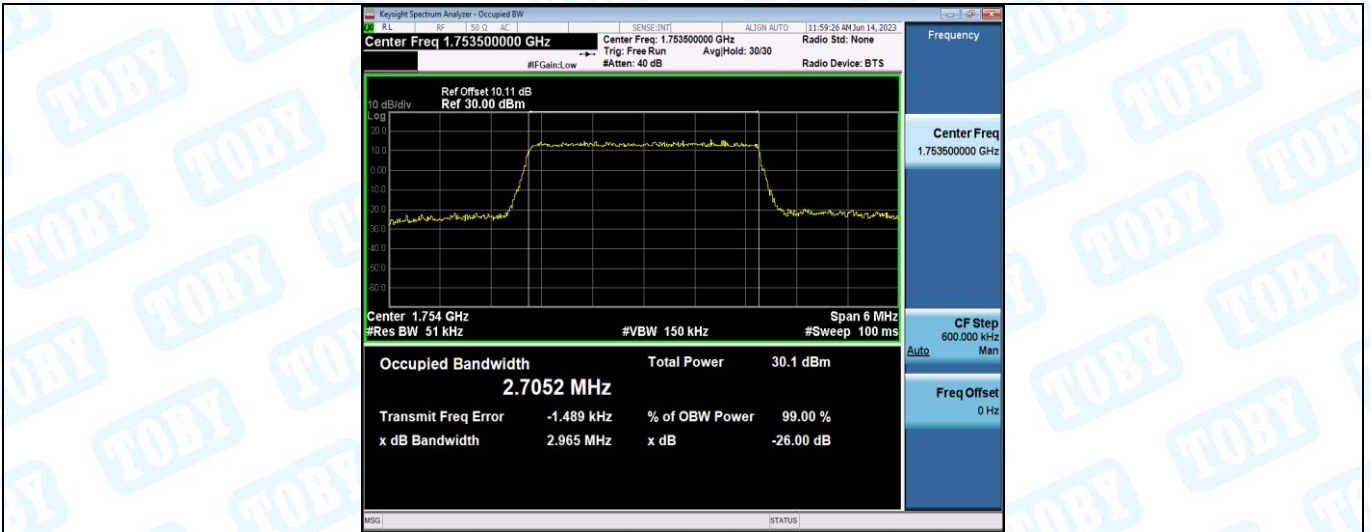
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Band4-3MHz-QPSK-20175-15RB#0



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



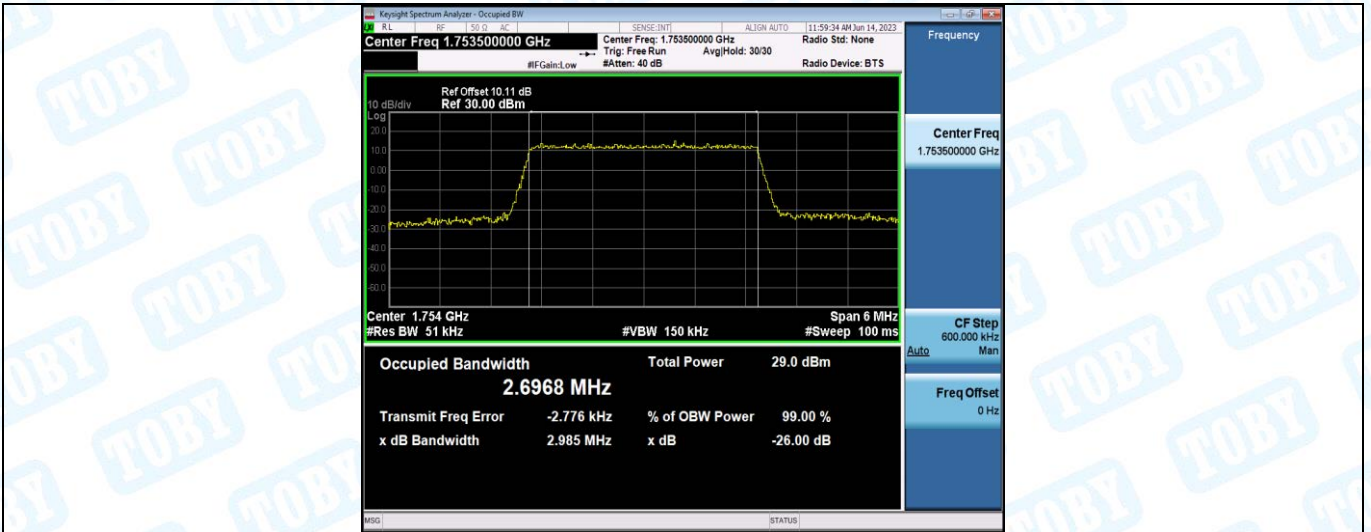
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Band4-3MHz-16QAM-20175-15RB#0



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



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



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



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