

FCC Appendix RF Test Data for LTE band 4

Company : HK EKO ELECTRONICS LIMITED

EUT : Security Camera

Model Number : GP01

Report No. : CTA26071602002

FCC ID : 2BR3K-SECCAM-GP01

Reviewed By : Eric Wang

Appendix A: Conducted power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	20.90	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.17	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.20	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.11	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.17	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.04	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.15	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.77	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.55	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.53	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.41	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.35	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.41	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.48	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.01	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	20.83	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	20.78	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	20.63	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	20.72	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	20.70	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	19.62	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	19.96	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.19	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.22	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.05	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.13	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.16	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.02	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.77	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	20.66	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.59	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.39	PASS

Band4	1.4MHz	16QAM	20175	3RB#1	20.45	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.35	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.36	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	19.69	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	19.79	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	19.71	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	19.72	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	19.67	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	19.70	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	18.69	PASS
Band4	3MHz	QPSK	19965	1RB#0	20.67	PASS
Band4	3MHz	QPSK	19965	1RB#8	20.80	PASS
Band4	3MHz	QPSK	19965	1RB#14	20.81	PASS
Band4	3MHz	QPSK	19965	8RB#0	19.87	PASS
Band4	3MHz	QPSK	19965	8RB#4	19.89	PASS
Band4	3MHz	QPSK	19965	8RB#7	19.95	PASS
Band4	3MHz	QPSK	19965	15RB#0	19.89	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.30	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.39	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.06	PASS
Band4	3MHz	QPSK	20175	8RB#0	20.32	PASS
Band4	3MHz	QPSK	20175	8RB#4	20.37	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.30	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.32	PASS
Band4	3MHz	QPSK	20385	1RB#0	20.53	PASS
Band4	3MHz	QPSK	20385	1RB#8	20.72	PASS
Band4	3MHz	QPSK	20385	1RB#14	20.54	PASS
Band4	3MHz	QPSK	20385	8RB#0	19.44	PASS
Band4	3MHz	QPSK	20385	8RB#4	19.47	PASS
Band4	3MHz	QPSK	20385	8RB#7	19.53	PASS
Band4	3MHz	QPSK	20385	15RB#0	19.49	PASS
Band4	3MHz	16QAM	19965	1RB#0	19.95	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.23	PASS
Band4	3MHz	16QAM	19965	1RB#14	20.05	PASS
Band4	3MHz	16QAM	19965	8RB#0	18.90	PASS
Band4	3MHz	16QAM	19965	8RB#4	18.90	PASS
Band4	3MHz	16QAM	19965	8RB#7	18.97	PASS

Band4	3MHz	16QAM	19965	15RB#0	18.78	PASS
Band4	3MHz	16QAM	20175	1RB#0	20.30	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.44	PASS
Band4	3MHz	16QAM	20175	1RB#14	20.13	PASS
Band4	3MHz	16QAM	20175	8RB#0	19.23	PASS
Band4	3MHz	16QAM	20175	8RB#4	19.23	PASS
Band4	3MHz	16QAM	20175	8RB#7	19.17	PASS
Band4	3MHz	16QAM	20175	15RB#0	19.20	PASS
Band4	3MHz	16QAM	20385	1RB#0	19.35	PASS
Band4	3MHz	16QAM	20385	1RB#8	19.65	PASS
Band4	3MHz	16QAM	20385	1RB#14	19.48	PASS
Band4	3MHz	16QAM	20385	8RB#0	18.48	PASS
Band4	3MHz	16QAM	20385	8RB#4	18.49	PASS
Band4	3MHz	16QAM	20385	8RB#7	18.56	PASS
Band4	3MHz	16QAM	20385	15RB#0	18.43	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.54	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.45	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.75	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.50	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.50	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.63	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.58	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.87	PASS
Band4	5MHz	QPSK	20175	1RB#12	21.40	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.44	PASS
Band4	5MHz	QPSK	20175	12RB#0	20.42	PASS
Band4	5MHz	QPSK	20175	12RB#6	20.47	PASS
Band4	5MHz	QPSK	20175	12RB#13	20.40	PASS
Band4	5MHz	QPSK	20175	25RB#0	20.44	PASS
Band4	5MHz	QPSK	20375	1RB#0	20.96	PASS
Band4	5MHz	QPSK	20375	1RB#12	20.64	PASS
Band4	5MHz	QPSK	20375	1RB#24	21.02	PASS
Band4	5MHz	QPSK	20375	12RB#0	19.56	PASS
Band4	5MHz	QPSK	20375	12RB#6	19.59	PASS
Band4	5MHz	QPSK	20375	12RB#13	19.67	PASS
Band4	5MHz	QPSK	20375	25RB#0	19.63	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.60	PASS

Band4	5MHz	16QAM	19975	1RB#12	20.59	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.81	PASS
Band4	5MHz	16QAM	19975	12RB#0	19.61	PASS
Band4	5MHz	16QAM	19975	12RB#6	19.59	PASS
Band4	5MHz	16QAM	19975	12RB#13	19.73	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.55	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.95	PASS
Band4	5MHz	16QAM	20175	1RB#12	20.71	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.73	PASS
Band4	5MHz	16QAM	20175	12RB#0	19.44	PASS
Band4	5MHz	16QAM	20175	12RB#6	19.45	PASS
Band4	5MHz	16QAM	20175	12RB#13	19.37	PASS
Band4	5MHz	16QAM	20175	25RB#0	19.31	PASS
Band4	5MHz	16QAM	20375	1RB#0	19.76	PASS
Band4	5MHz	16QAM	20375	1RB#12	19.72	PASS
Band4	5MHz	16QAM	20375	1RB#24	19.99	PASS
Band4	5MHz	16QAM	20375	12RB#0	18.63	PASS
Band4	5MHz	16QAM	20375	12RB#6	18.63	PASS
Band4	5MHz	16QAM	20375	12RB#13	18.72	PASS
Band4	5MHz	16QAM	20375	25RB#0	18.67	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.19	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.15	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.56	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.03	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.09	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.38	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.21	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.79	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.12	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.13	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.32	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.35	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.12	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.21	PASS
Band4	10MHz	QPSK	20350	1RB#0	20.99	PASS
Band4	10MHz	QPSK	20350	1RB#24	20.59	PASS
Band4	10MHz	QPSK	20350	1RB#49	20.94	PASS

Band4	10MHz	QPSK	20350	25RB#0	19.72	PASS
Band4	10MHz	QPSK	20350	25RB#12	19.74	PASS
Band4	10MHz	QPSK	20350	25RB#25	19.84	PASS
Band4	10MHz	QPSK	20350	50RB#0	19.76	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.55	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.30	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.42	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.41	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.47	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.46	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.34	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.07	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.68	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.36	PASS
Band4	15MHz	QPSK	20175	38RB#0	20.79	PASS
Band4	15MHz	QPSK	20175	38RB#18	20.74	PASS
Band4	15MHz	QPSK	20175	38RB#37	20.68	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.63	PASS
Band4	15MHz	QPSK	20325	1RB#0	20.28	PASS
Band4	15MHz	QPSK	20325	1RB#38	20.38	PASS
Band4	15MHz	QPSK	20325	1RB#74	20.57	PASS
Band4	15MHz	QPSK	20325	38RB#0	19.39	PASS
Band4	15MHz	QPSK	20325	38RB#18	19.36	PASS
Band4	15MHz	QPSK	20325	38RB#37	19.33	PASS
Band4	15MHz	QPSK	20325	75RB#0	19.30	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.85	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.10	PASS
Band4	20MHz	QPSK	20050	1RB#99	21.90	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.90	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.27	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.36	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.23	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.08	PASS
Band4	20MHz	QPSK	20175	1RB#49	21.55	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.29	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.60	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.94	PASS

Band4	20MHz	QPSK	20175	50RB#50	20.64	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.77	PASS
Band4	20MHz	QPSK	20300	1RB#0	20.44	PASS
Band4	20MHz	QPSK	20300	1RB#49	20.17	PASS
Band4	20MHz	QPSK	20300	1RB#99	20.61	PASS
Band4	20MHz	QPSK	20300	50RB#0	19.13	PASS
Band4	20MHz	QPSK	20300	50RB#25	19.47	PASS
Band4	20MHz	QPSK	20300	50RB#50	19.65	PASS
Band4	20MHz	QPSK	20300	100RB#0	19.55	PASS

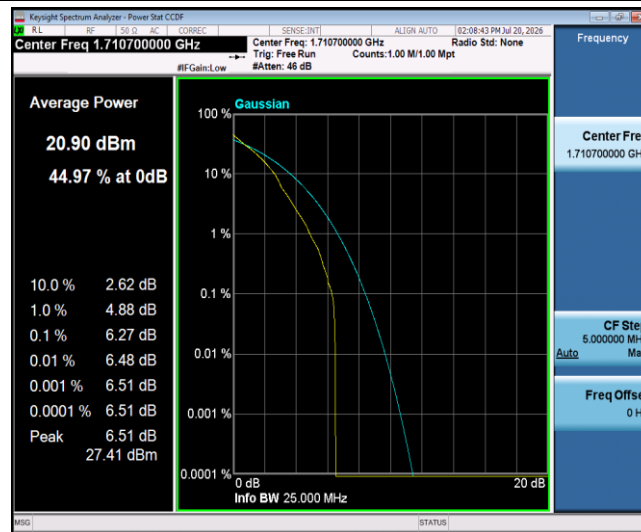
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

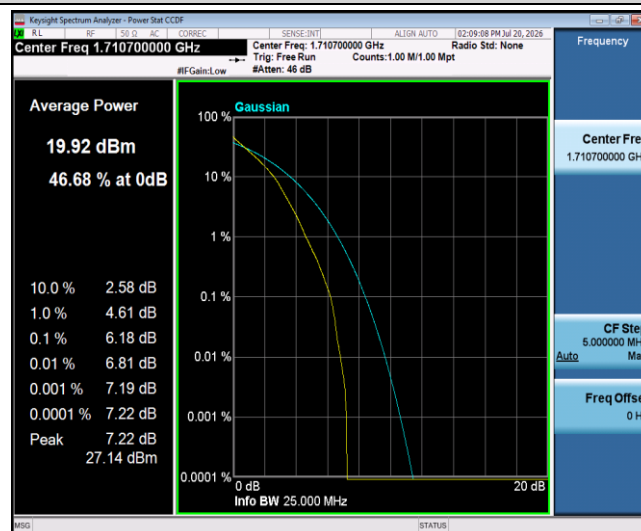
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	6.27	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	6.18	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	5.59	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	6.02	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	6.27	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	6.21	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	6.45	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.84	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	6.25	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.57	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	6.86	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.92	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	5.77	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	6.15	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.88	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.92	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	6.32	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	6.22	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	6.77	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.82	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	6.51	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.57	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	6.93	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.93	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.64	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	6.21	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.45	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	6.08	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	6.42	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	6.12	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	6.46	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.88	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	6.35	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.62	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	6.92	13	PASS

Band4	5MHz	16QAM	20375	25RB#0	6.66	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	5.96	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	6.24	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.88	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	6.18	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	6.30	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	6.09	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	5.83	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	6.37	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	5.64	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	6.30	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	6.25	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	6.39	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.97	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	6.06	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.82	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	6.04	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	6.01	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	6.03	13	PASS

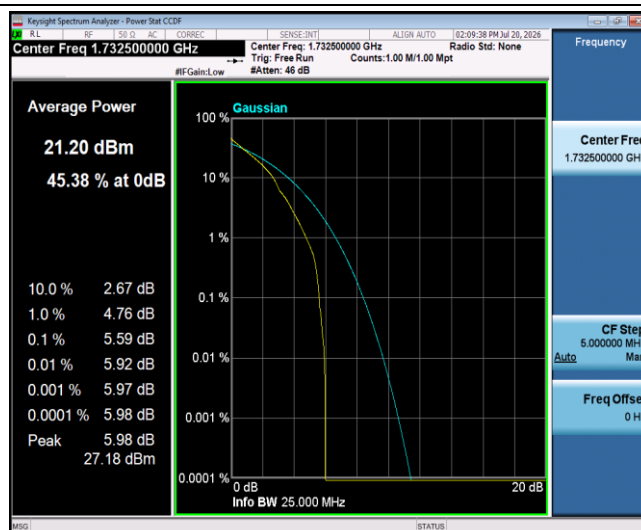
Test Graphs



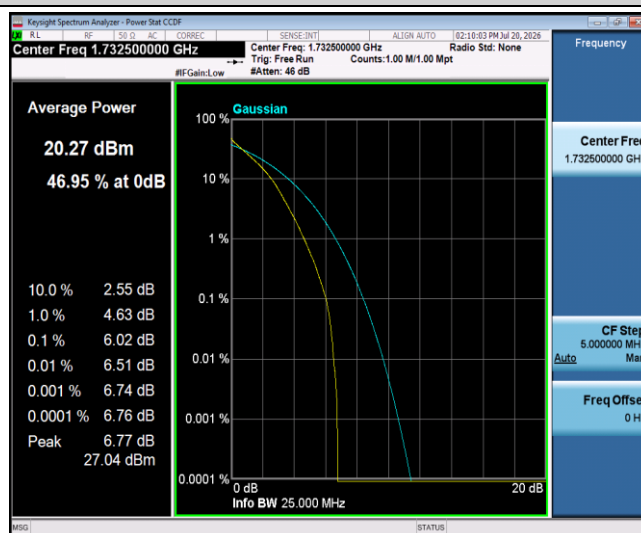
Band4-1.4MHz-QPSK-19957-1RB#0



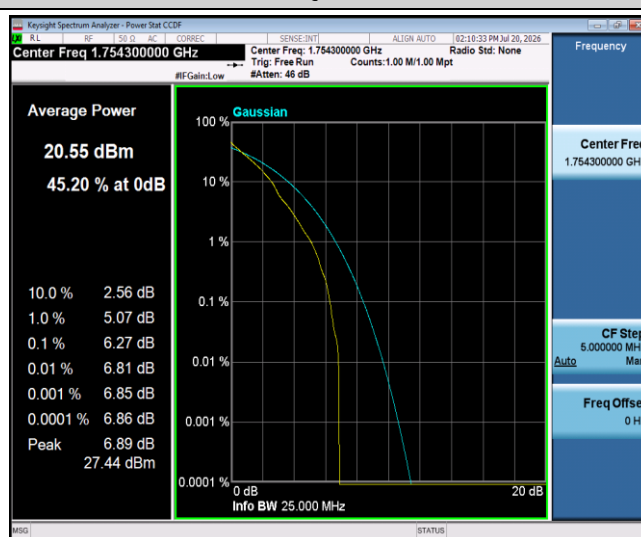
Band4-1.4MHz-QPSK-19957-6RB#0



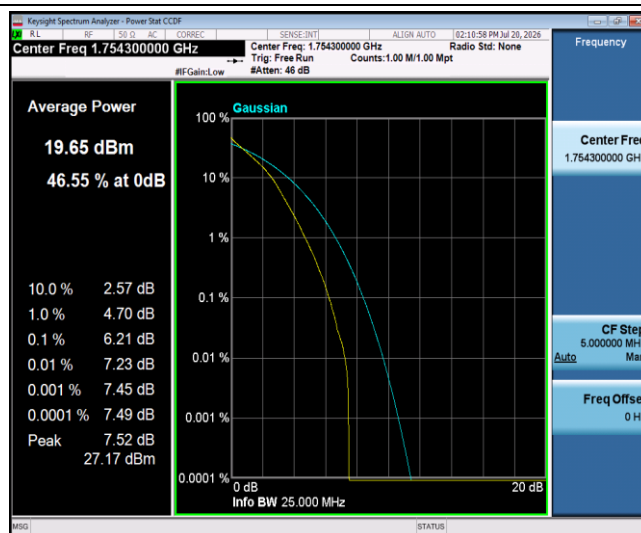
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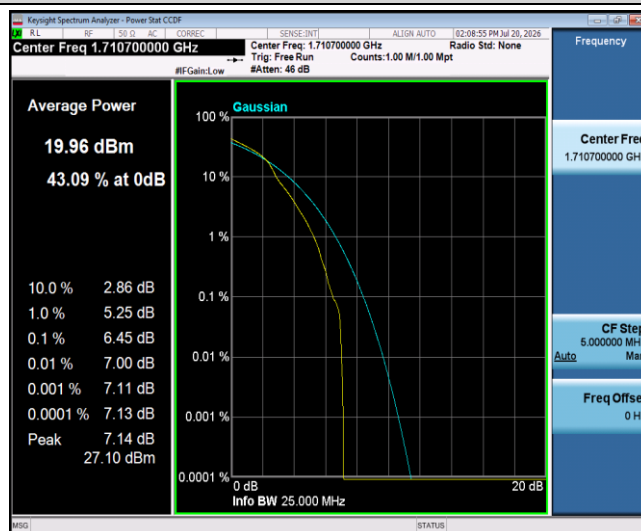
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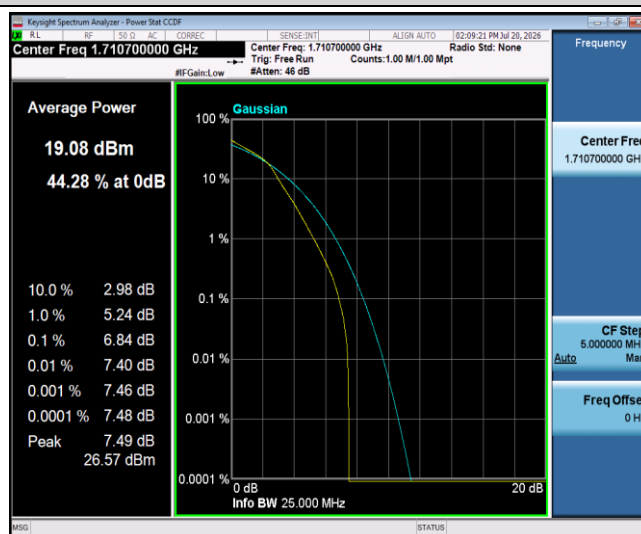
Band4-1.4MHz-QPSK-20393-1RB#0



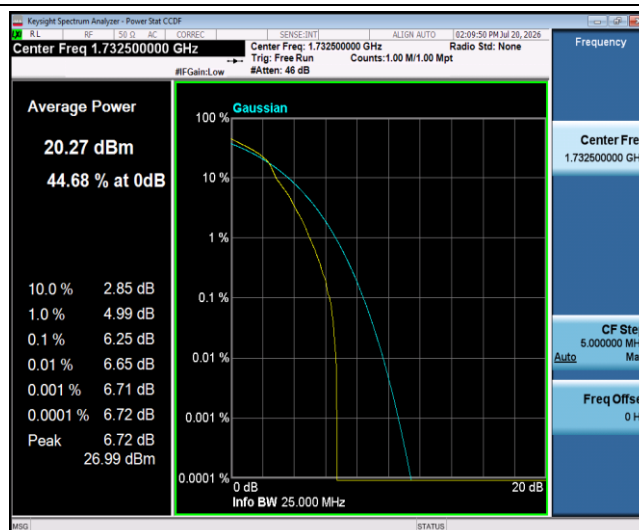
Band4-1.4MHz-QPSK-20393-6RB#0



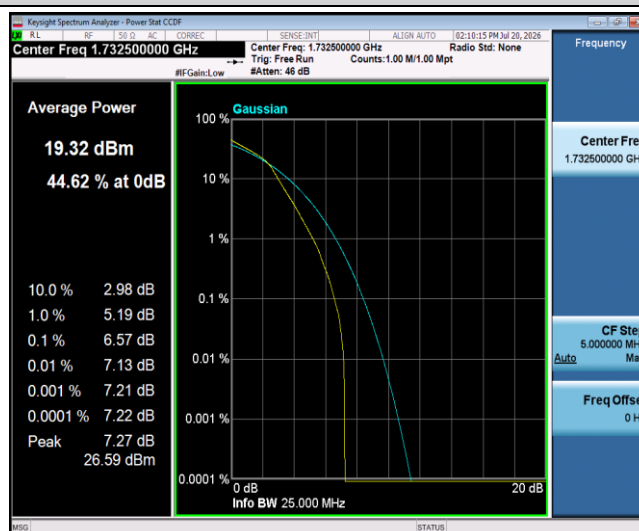
Band4-1.4MHz-16QAM-19957-1RB#0



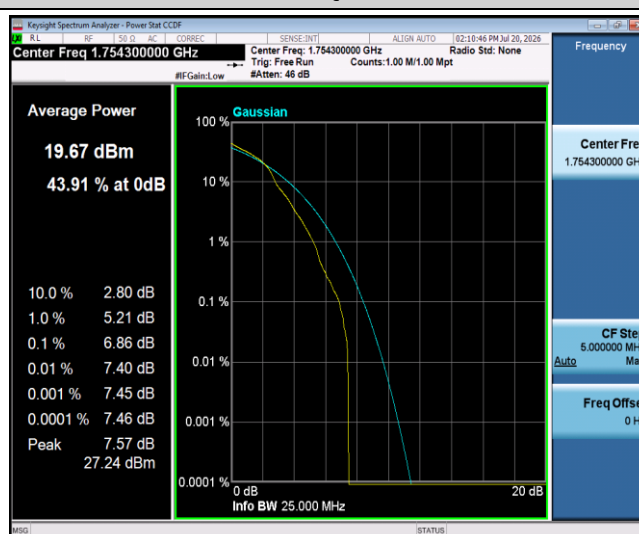
Band4-1.4MHz-16QAM-19957-6RB#0



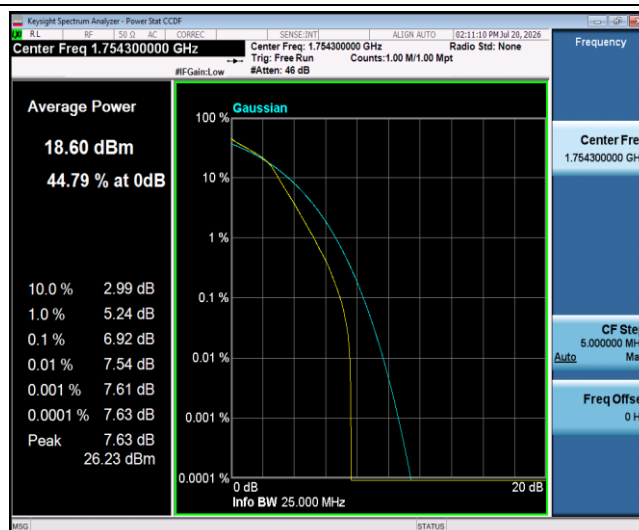
Band4-1.4MHz-16QAM-20175-1RB#0



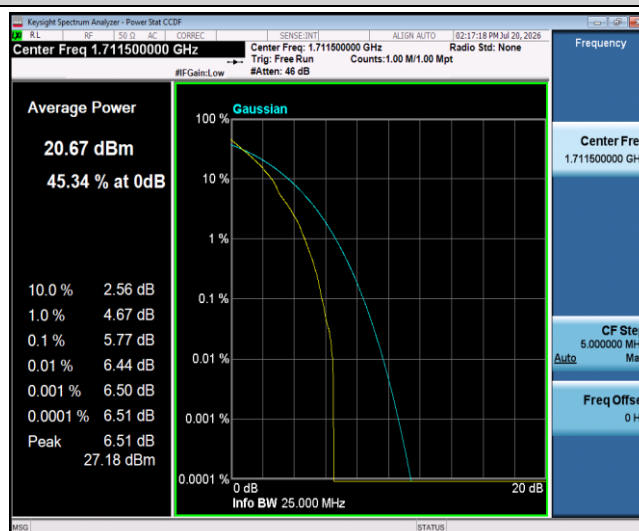
Band4-1.4MHz-16QAM-20175-6RB#0



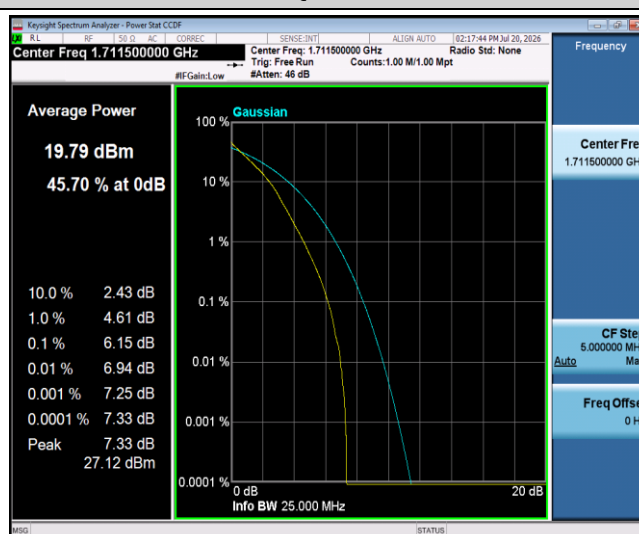
Band4-1.4MHz-16QAM-20393-1RB#0



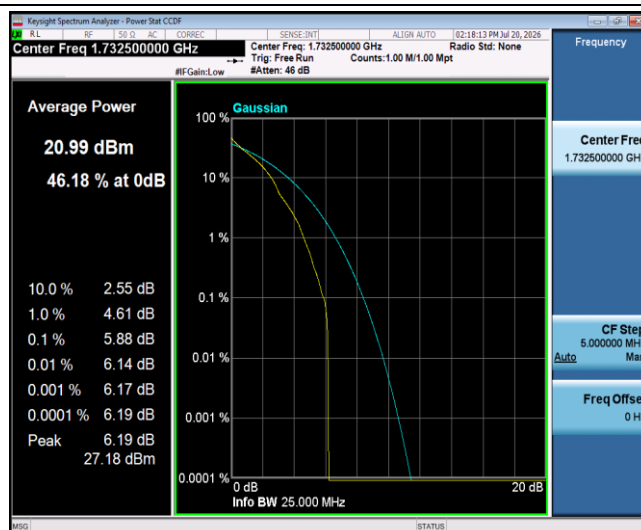
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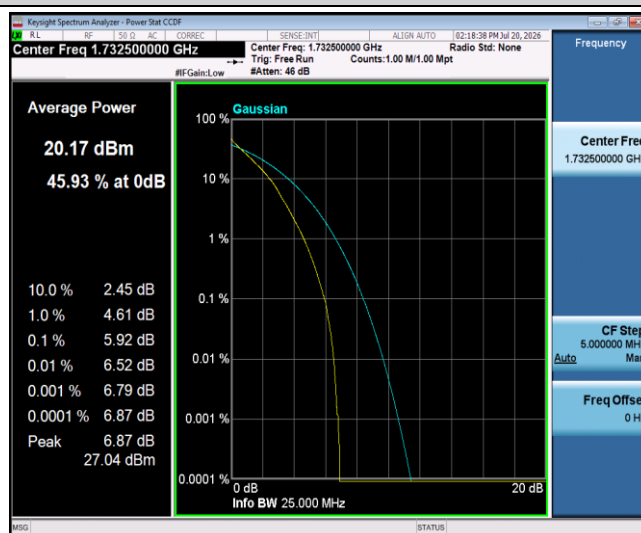
Band4-3MHz-QPSK-19965-1RB#0



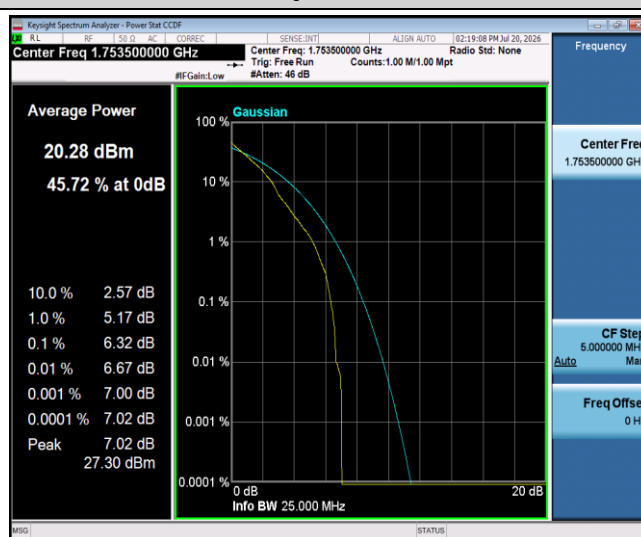
Band4-3MHz-QPSK-19965-15RB#0



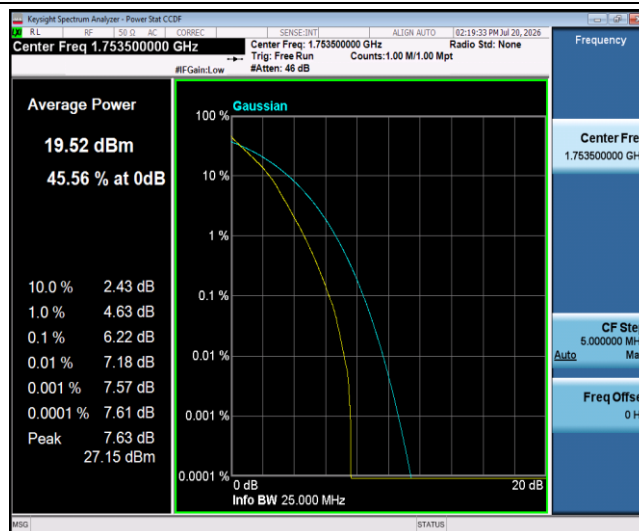
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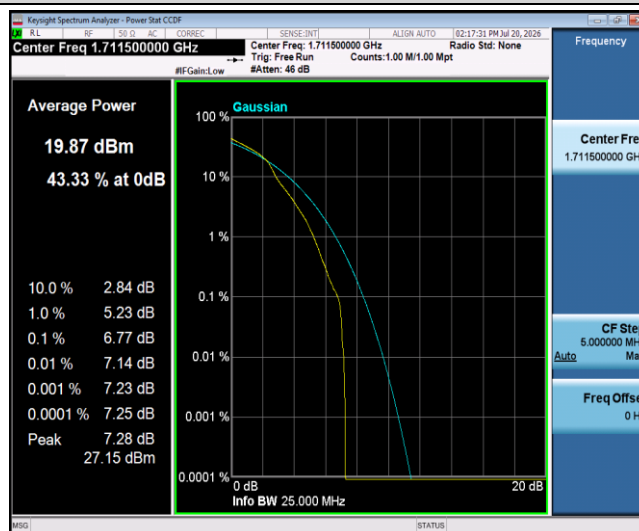
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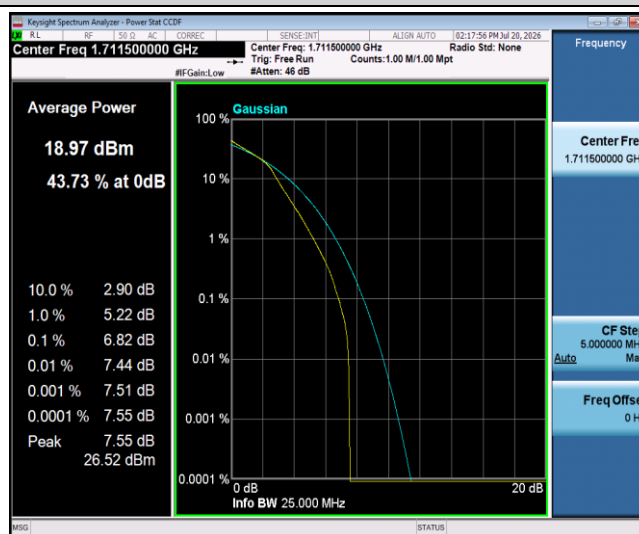
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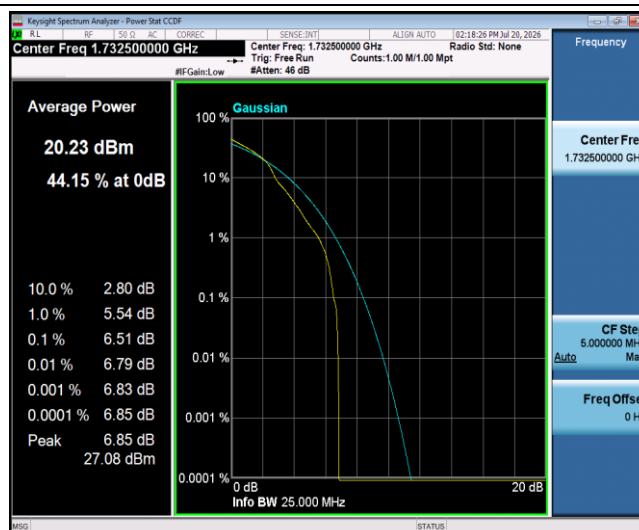
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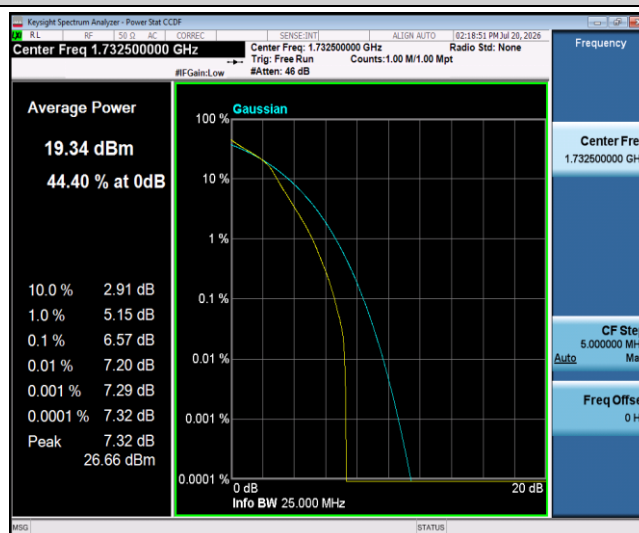
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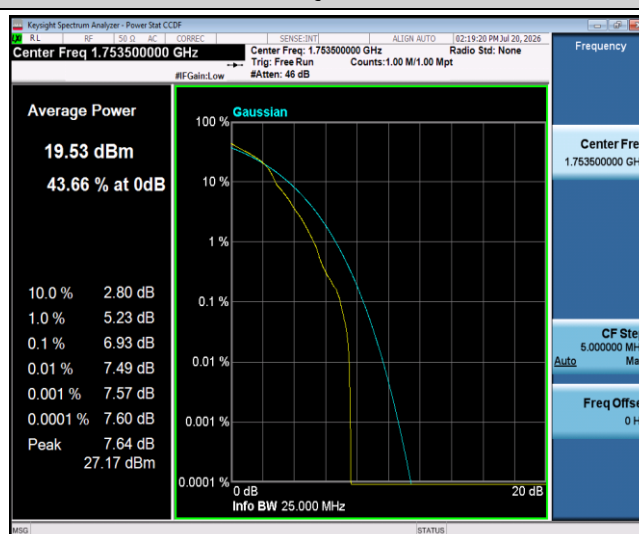
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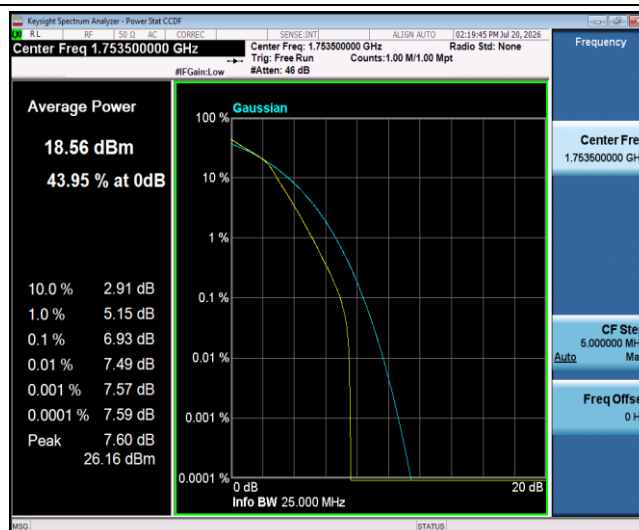
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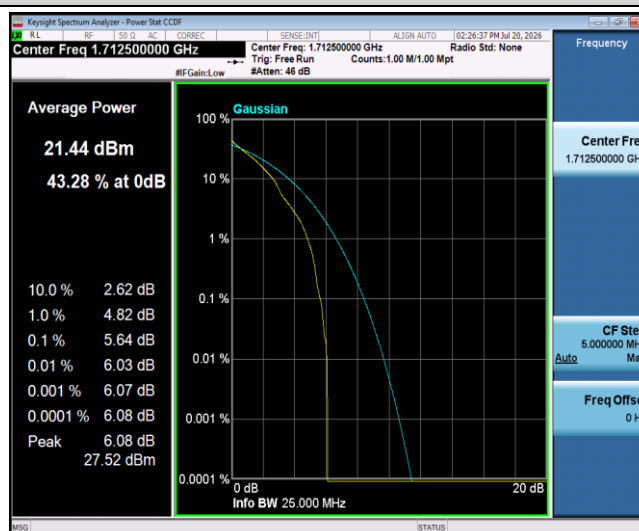
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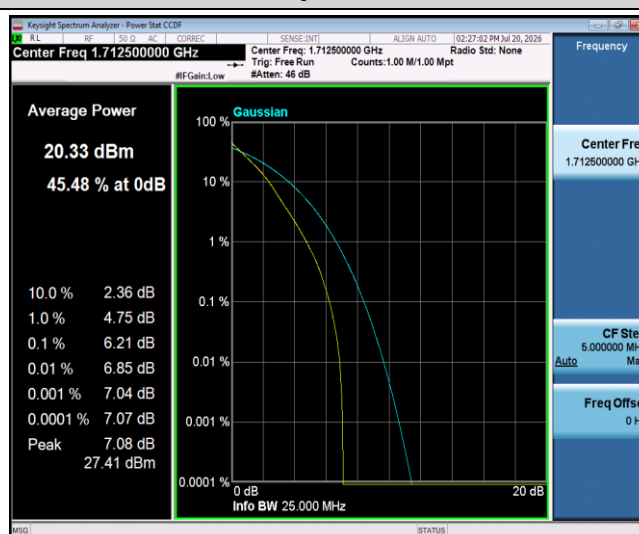
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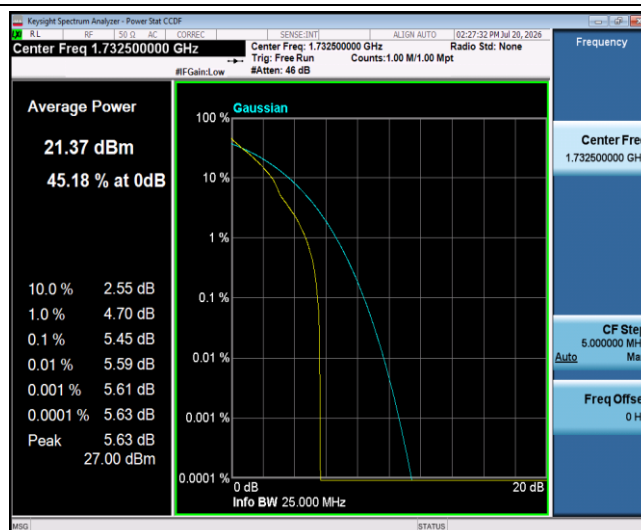
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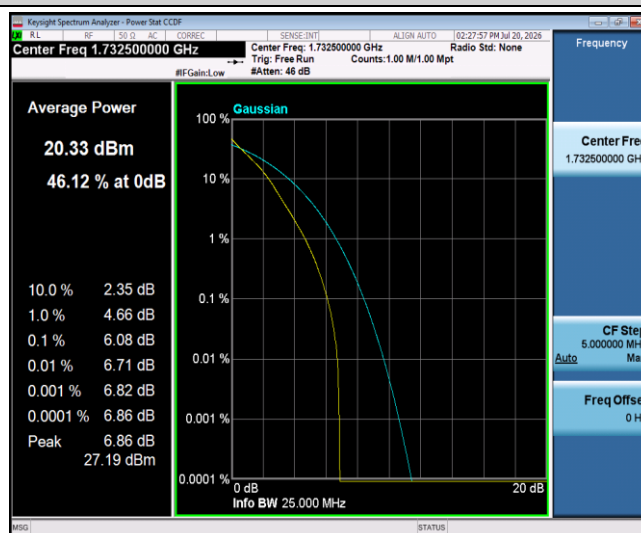
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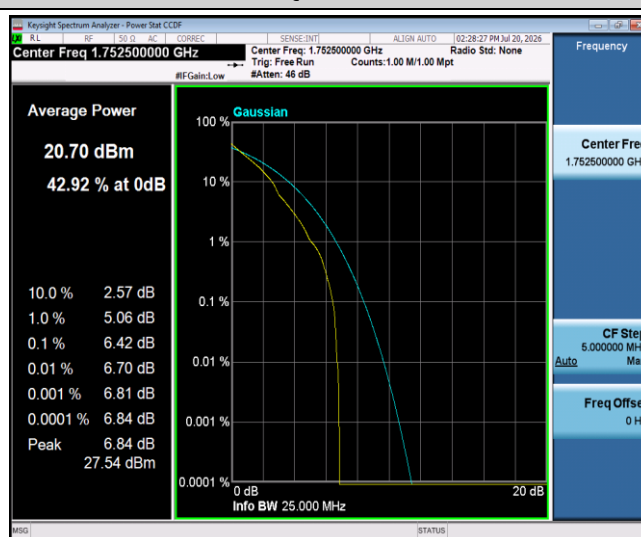
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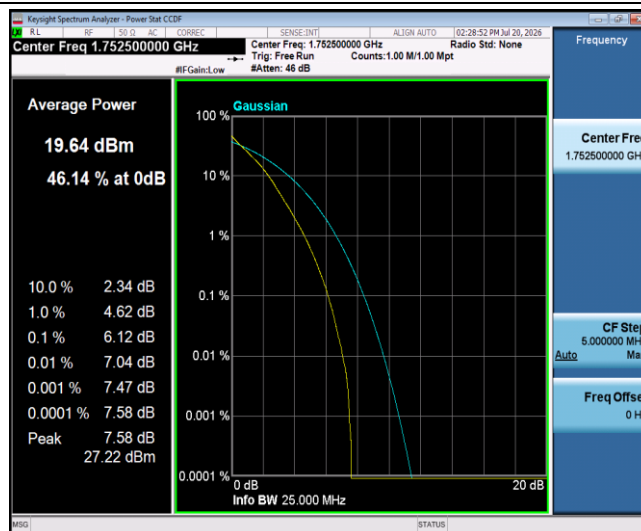
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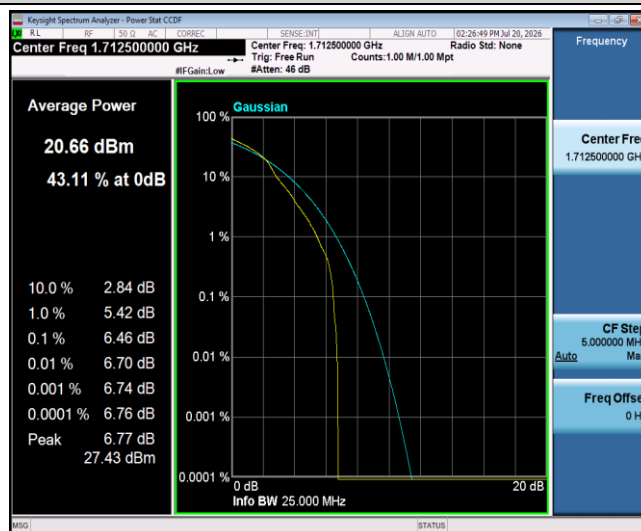
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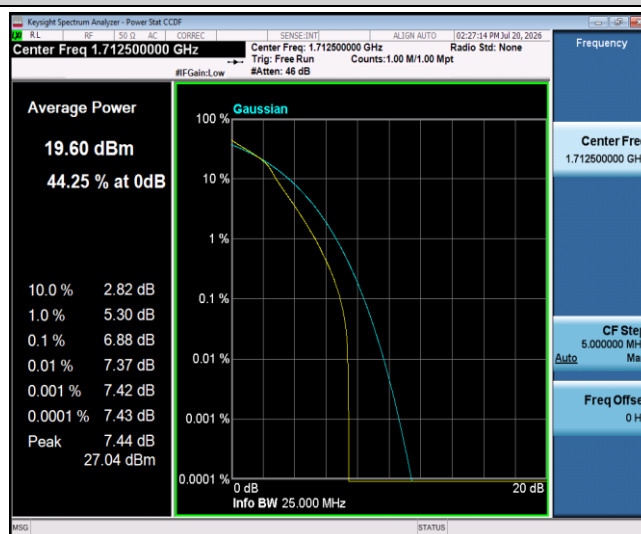
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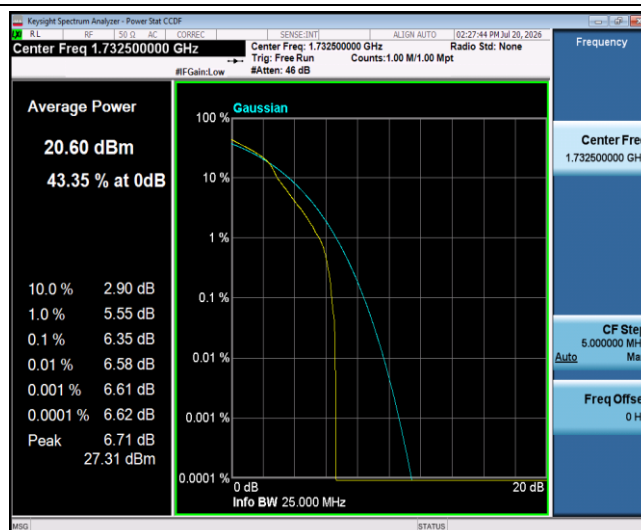
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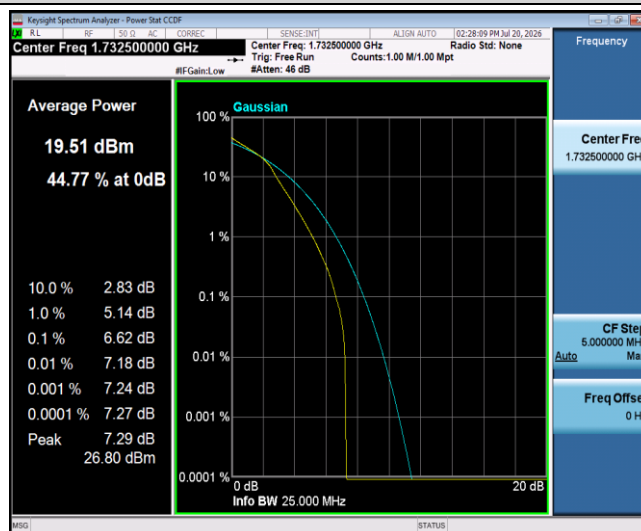
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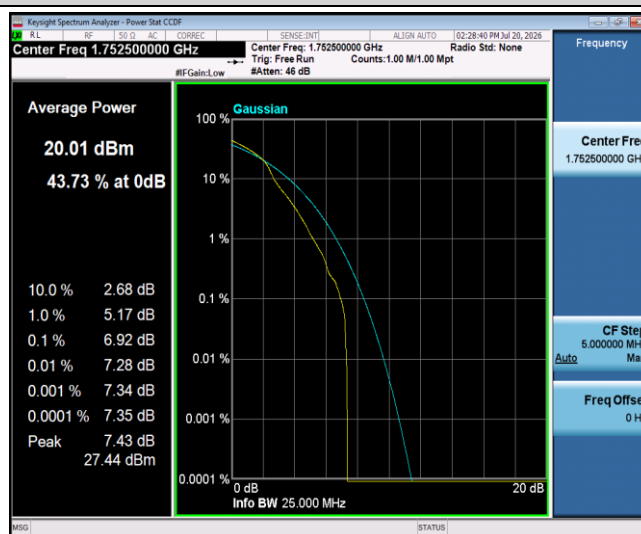
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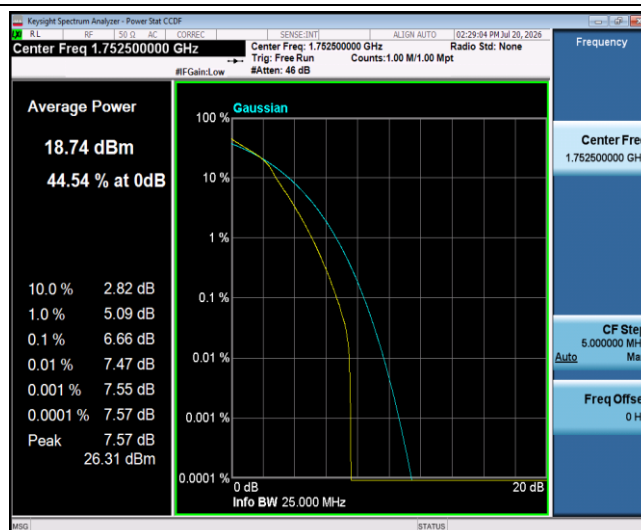
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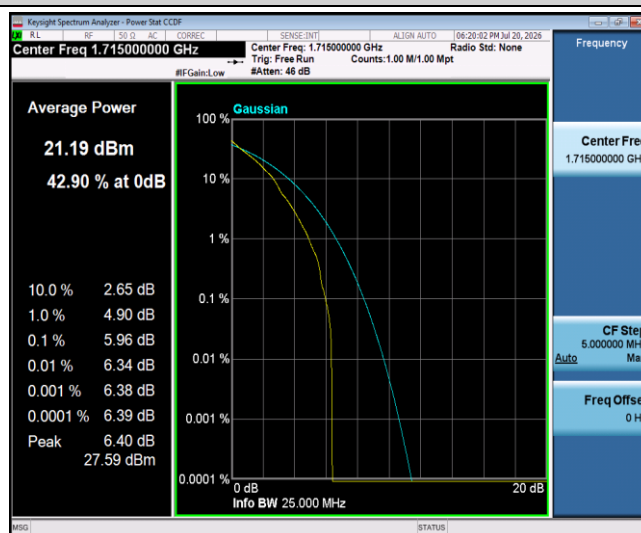
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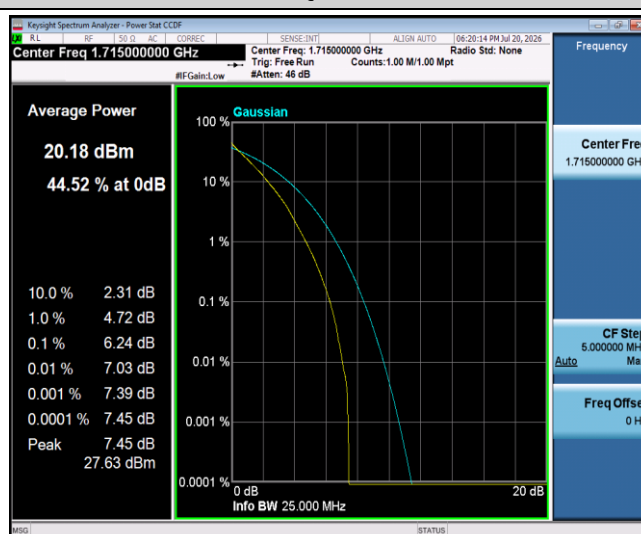
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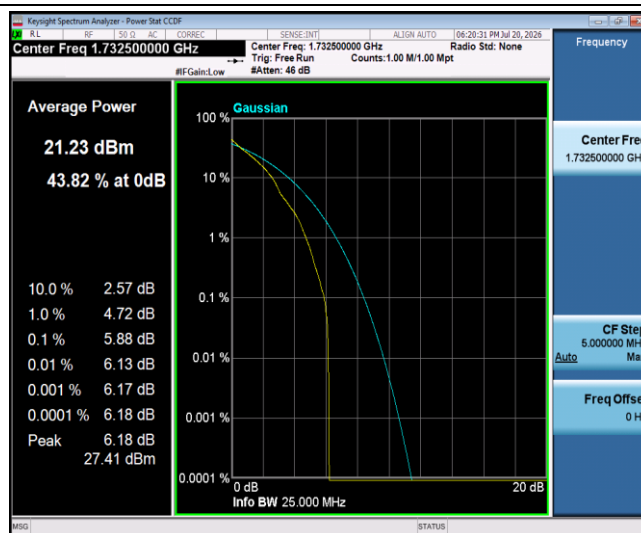
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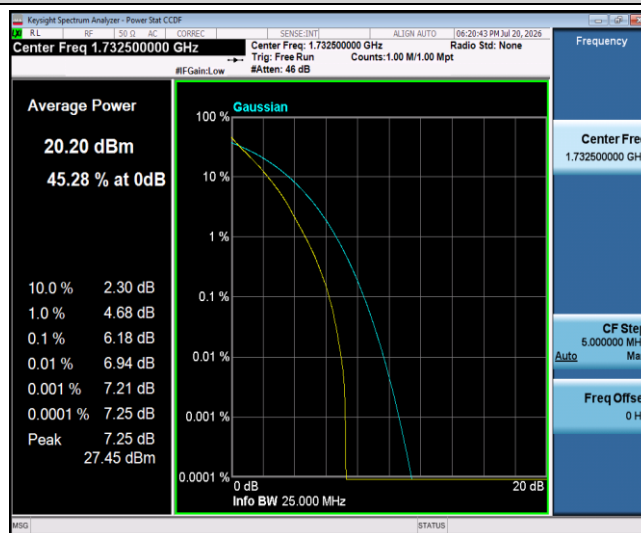
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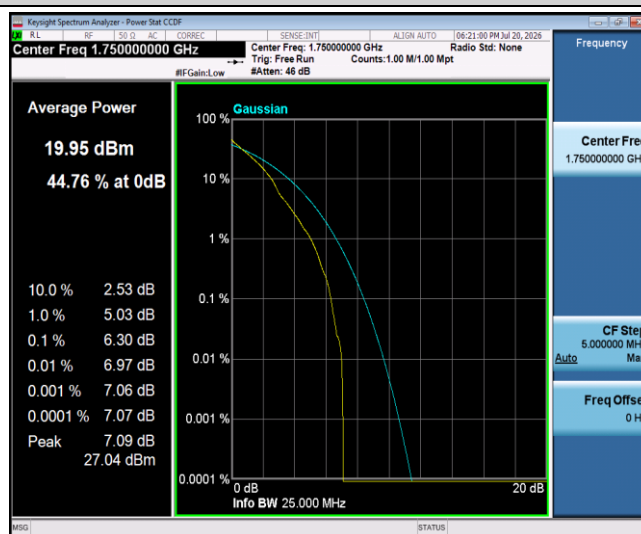
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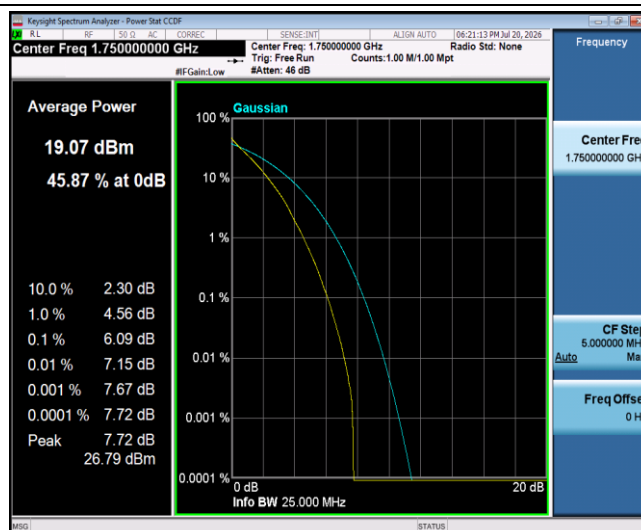
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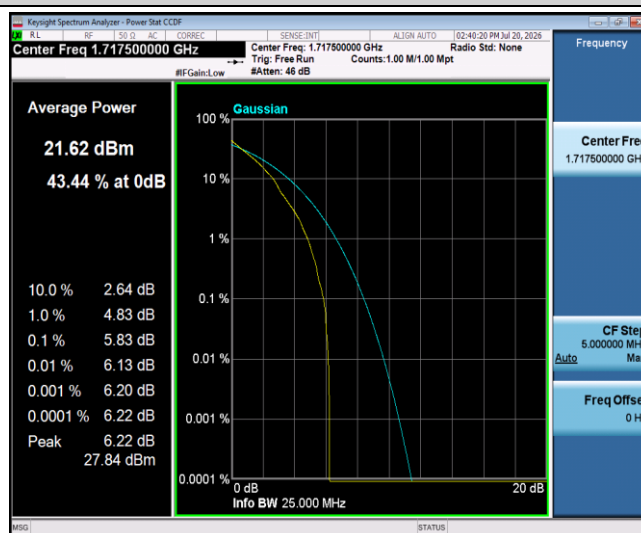
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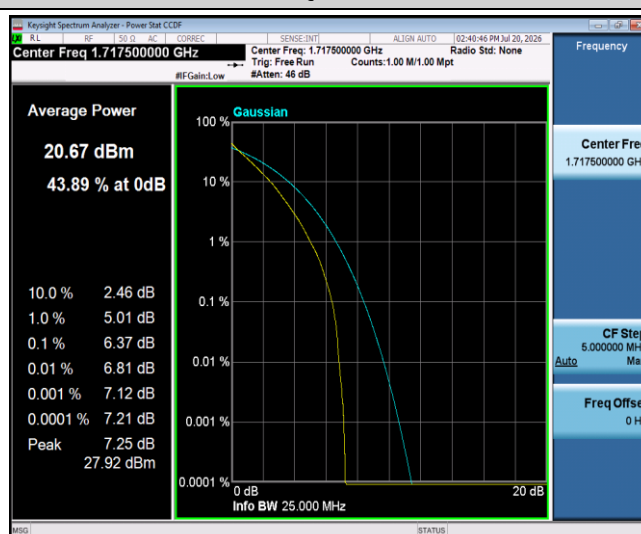
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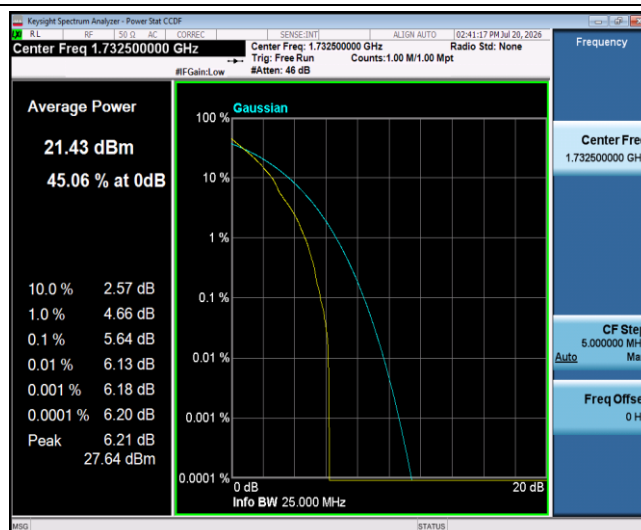
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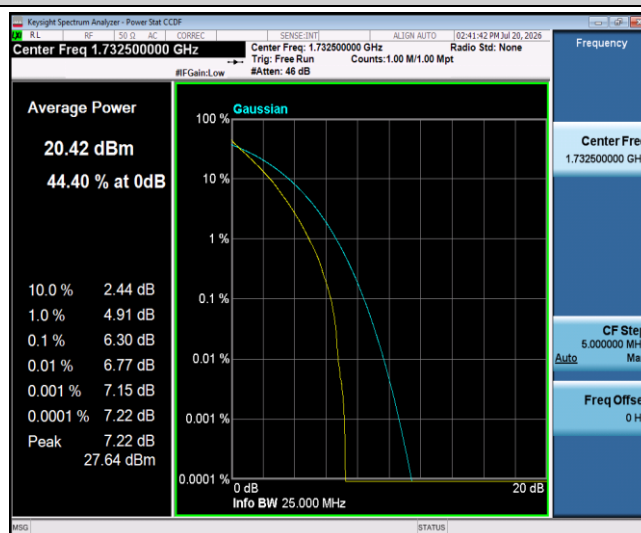
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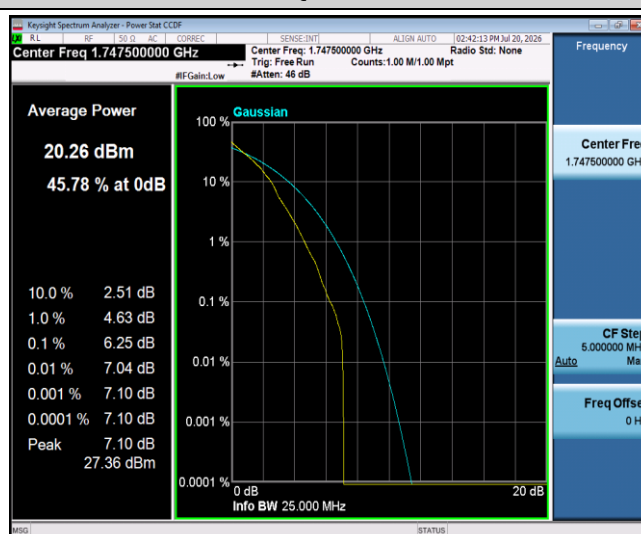
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Band4-15MHz-QPSK-20175-1RB#0



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



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