

FCC Appendix RF Test Data for LTE band 66

Company : HK EKO ELECTRONICS LIMITED

EUT : GPS Tracker

Model Number : G05

Report No. : CTA26071602206

FCC ID : 2BR3K-GPSTRACK-G05

Reviewed By : Eric Wang

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.03	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.02	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	21.96	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	21.86	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	22.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	22.01	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	20.98	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	21.73	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	21.56	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	21.52	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	21.46	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	21.45	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	21.52	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	20.51	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	21.51	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	21.23	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	21.11	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	21.07	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	21.07	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	20.96	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	20.17	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	20.89	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.01	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	20.89	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	20.88	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	20.85	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	20.86	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	19.98	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	20.59	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	20.55	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	20.48	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	20.56	PASS

Band66	1.4MHz	16QAM	132322	3RB#1	20.54	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	20.54	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	19.64	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	20.59	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	20.47	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	20.33	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	20.18	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	20.15	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	20.07	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	19.28	PASS
Band66	3MHz	QPSK	131987	1RB#0	21.78	PASS
Band66	3MHz	QPSK	131987	1RB#8	21.94	PASS
Band66	3MHz	QPSK	131987	1RB#14	21.69	PASS
Band66	3MHz	QPSK	131987	8RB#0	20.88	PASS
Band66	3MHz	QPSK	131987	8RB#4	20.92	PASS
Band66	3MHz	QPSK	131987	8RB#7	20.88	PASS
Band66	3MHz	QPSK	131987	15RB#0	20.89	PASS
Band66	3MHz	QPSK	132322	1RB#0	21.49	PASS
Band66	3MHz	QPSK	132322	1RB#8	21.61	PASS
Band66	3MHz	QPSK	132322	1RB#14	21.41	PASS
Band66	3MHz	QPSK	132322	8RB#0	20.48	PASS
Band66	3MHz	QPSK	132322	8RB#4	20.54	PASS
Band66	3MHz	QPSK	132322	8RB#7	20.55	PASS
Band66	3MHz	QPSK	132322	15RB#0	20.55	PASS
Band66	3MHz	QPSK	132657	1RB#0	21.57	PASS
Band66	3MHz	QPSK	132657	1RB#8	21.32	PASS
Band66	3MHz	QPSK	132657	1RB#14	20.97	PASS
Band66	3MHz	QPSK	132657	8RB#0	20.41	PASS
Band66	3MHz	QPSK	132657	8RB#4	20.47	PASS
Band66	3MHz	QPSK	132657	8RB#7	20.34	PASS
Band66	3MHz	QPSK	132657	15RB#0	20.43	PASS
Band66	3MHz	16QAM	131987	1RB#0	20.98	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.12	PASS
Band66	3MHz	16QAM	131987	1RB#14	20.91	PASS
Band66	3MHz	16QAM	131987	8RB#0	20.01	PASS
Band66	3MHz	16QAM	131987	8RB#4	20.02	PASS
Band66	3MHz	16QAM	131987	8RB#7	20.00	PASS

Band66	3MHz	16QAM	131987	15RB#0	19.88	PASS
Band66	3MHz	16QAM	132322	1RB#0	20.32	PASS
Band66	3MHz	16QAM	132322	1RB#8	20.58	PASS
Band66	3MHz	16QAM	132322	1RB#14	20.39	PASS
Band66	3MHz	16QAM	132322	8RB#0	19.55	PASS
Band66	3MHz	16QAM	132322	8RB#4	19.58	PASS
Band66	3MHz	16QAM	132322	8RB#7	19.59	PASS
Band66	3MHz	16QAM	132322	15RB#0	19.57	PASS
Band66	3MHz	16QAM	132657	1RB#0	20.47	PASS
Band66	3MHz	16QAM	132657	1RB#8	20.49	PASS
Band66	3MHz	16QAM	132657	1RB#14	20.19	PASS
Band66	3MHz	16QAM	132657	8RB#0	19.55	PASS
Band66	3MHz	16QAM	132657	8RB#4	19.56	PASS
Band66	3MHz	16QAM	132657	8RB#7	19.48	PASS
Band66	3MHz	16QAM	132657	15RB#0	19.44	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.37	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.22	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.37	PASS
Band66	5MHz	QPSK	131997	12RB#0	21.20	PASS
Band66	5MHz	QPSK	131997	12RB#6	21.24	PASS
Band66	5MHz	QPSK	131997	12RB#13	21.19	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.23	PASS
Band66	5MHz	QPSK	132322	1RB#0	21.85	PASS
Band66	5MHz	QPSK	132322	1RB#12	21.62	PASS
Band66	5MHz	QPSK	132322	1RB#24	21.97	PASS
Band66	5MHz	QPSK	132322	12RB#0	20.69	PASS
Band66	5MHz	QPSK	132322	12RB#6	20.72	PASS
Band66	5MHz	QPSK	132322	12RB#13	20.79	PASS
Band66	5MHz	QPSK	132322	25RB#0	20.77	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.05	PASS
Band66	5MHz	QPSK	132647	1RB#12	21.50	PASS
Band66	5MHz	QPSK	132647	1RB#24	21.49	PASS
Band66	5MHz	QPSK	132647	12RB#0	20.63	PASS
Band66	5MHz	QPSK	132647	12RB#6	20.69	PASS
Band66	5MHz	QPSK	132647	12RB#13	20.54	PASS
Band66	5MHz	QPSK	132647	25RB#0	20.61	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.16	PASS

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Band66	5MHz	16QAM	132322	1RB#0	21.04	PASS
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Band66	5MHz	16QAM	132322	1RB#24	21.18	PASS
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Band66	5MHz	16QAM	132322	25RB#0	19.78	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.05	PASS
Band66	5MHz	16QAM	132647	1RB#12	20.63	PASS
Band66	5MHz	16QAM	132647	1RB#24	20.63	PASS
Band66	5MHz	16QAM	132647	12RB#0	19.79	PASS
Band66	5MHz	16QAM	132647	12RB#6	19.79	PASS
Band66	5MHz	16QAM	132647	12RB#13	19.64	PASS
Band66	5MHz	16QAM	132647	25RB#0	19.72	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.72	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.39	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.36	PASS
Band66	10MHz	QPSK	132022	25RB#0	21.59	PASS
Band66	10MHz	QPSK	132022	25RB#12	21.61	PASS
Band66	10MHz	QPSK	132022	25RB#25	21.49	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.54	PASS
Band66	10MHz	QPSK	132322	1RB#0	21.69	PASS
Band66	10MHz	QPSK	132322	1RB#24	21.64	PASS
Band66	10MHz	QPSK	132322	1RB#49	21.93	PASS
Band66	10MHz	QPSK	132322	25RB#0	20.51	PASS
Band66	10MHz	QPSK	132322	25RB#12	20.54	PASS
Band66	10MHz	QPSK	132322	25RB#25	20.70	PASS
Band66	10MHz	QPSK	132322	50RB#0	20.64	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.49	PASS
Band66	10MHz	QPSK	132622	1RB#24	21.67	PASS
Band66	10MHz	QPSK	132622	1RB#49	21.44	PASS

Band66	10MHz	QPSK	132622	25RB#0	20.83	PASS
Band66	10MHz	QPSK	132622	25RB#12	20.86	PASS
Band66	10MHz	QPSK	132622	25RB#25	20.57	PASS
Band66	10MHz	QPSK	132622	50RB#0	20.68	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.55	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.21	PASS
Band66	15MHz	QPSK	132047	1RB#74	21.83	PASS
Band66	15MHz	QPSK	132047	38RB#0	21.43	PASS
Band66	15MHz	QPSK	132047	38RB#18	21.46	PASS
Band66	15MHz	QPSK	132047	38RB#37	21.46	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.46	PASS
Band66	15MHz	QPSK	132322	1RB#0	21.38	PASS
Band66	15MHz	QPSK	132322	1RB#38	21.60	PASS
Band66	15MHz	QPSK	132322	1RB#74	21.77	PASS
Band66	15MHz	QPSK	132322	38RB#0	20.52	PASS
Band66	15MHz	QPSK	132322	38RB#18	20.56	PASS
Band66	15MHz	QPSK	132322	38RB#37	20.56	PASS
Band66	15MHz	QPSK	132322	75RB#0	20.56	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.71	PASS
Band66	15MHz	QPSK	132597	1RB#38	21.92	PASS
Band66	15MHz	QPSK	132597	1RB#74	21.34	PASS
Band66	15MHz	QPSK	132597	38RB#0	20.89	PASS
Band66	15MHz	QPSK	132597	38RB#18	20.96	PASS
Band66	15MHz	QPSK	132597	38RB#37	20.95	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.05	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.75	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.36	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.11	PASS
Band66	20MHz	QPSK	132072	50RB#0	21.51	PASS
Band66	20MHz	QPSK	132072	50RB#25	21.52	PASS
Band66	20MHz	QPSK	132072	50RB#50	21.22	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.39	PASS
Band66	20MHz	QPSK	132322	1RB#0	21.46	PASS
Band66	20MHz	QPSK	132322	1RB#49	21.64	PASS
Band66	20MHz	QPSK	132322	1RB#99	21.99	PASS
Band66	20MHz	QPSK	132322	50RB#0	20.35	PASS
Band66	20MHz	QPSK	132322	50RB#25	20.37	PASS

Band66	20MHz	QPSK	132322	50RB#50	20.75	PASS
Band66	20MHz	QPSK	132322	100RB#0	20.57	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.80	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.11	PASS
Band66	20MHz	QPSK	132572	1RB#99	21.43	PASS
Band66	20MHz	QPSK	132572	50RB#0	21.39	PASS
Band66	20MHz	QPSK	132572	50RB#25	21.45	PASS
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Band66	20MHz	QPSK	132572	100RB#0	21.11	PASS

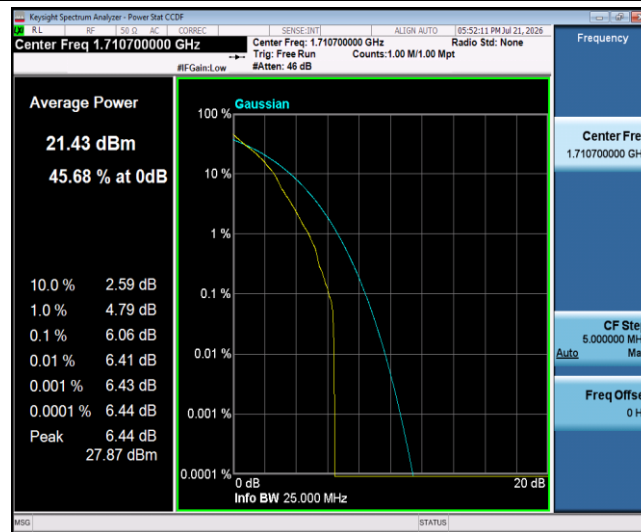
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

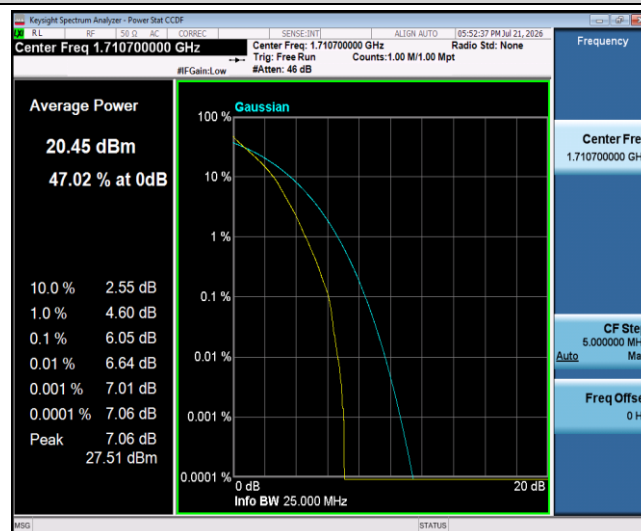
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	6.06	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	6.05	13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	5.89	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	6.01	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	5.87	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	5.95	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	6.24	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	6.64	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	6.27	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	6.40	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	6.33	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	6.74	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	5.79	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.96	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	5.74	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.81	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	5.83	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	6.06	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	6.52	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.64	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	6.86	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	6.43	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	6.49	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	6.78	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	5.51	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	6.01	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	5.64	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.96	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	5.74	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.96	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	6.34	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.66	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	6.52	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	6.43	13	PASS
Band66	5MHz	16QAM	132647	1RB#0	6.25	13	PASS

Band66	5MHz	16QAM	132647	25RB#0	6.57	13	PASS
Band66	10MHz	QPSK	132022	1RB#0	5.43	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	6.02	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	5.98	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.92	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	5.68	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	6.03	13	PASS
Band66	15MHz	QPSK	132047	1RB#0	5.59	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	6.41	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	5.87	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	6.19	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	5.80	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	6.32	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	5.44	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	6.01	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	5.97	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.86	13	PASS
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Band66	20MHz	QPSK	132572	100RB#0	6.00	13	PASS

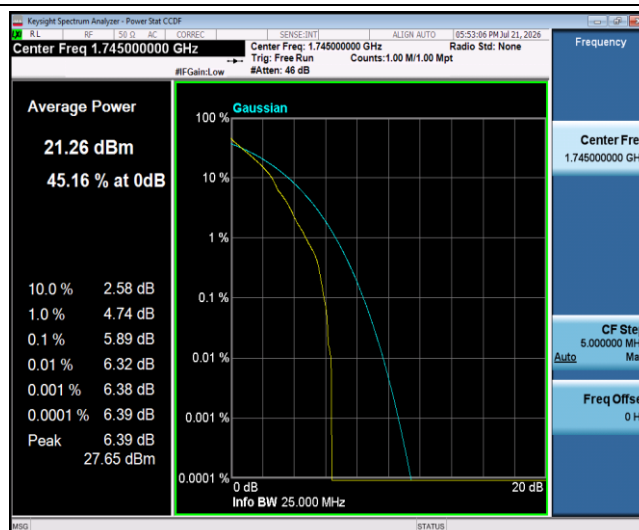
Test Graphs



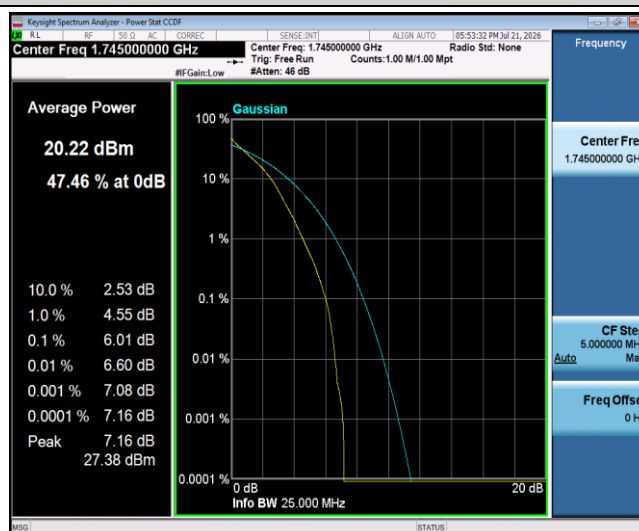
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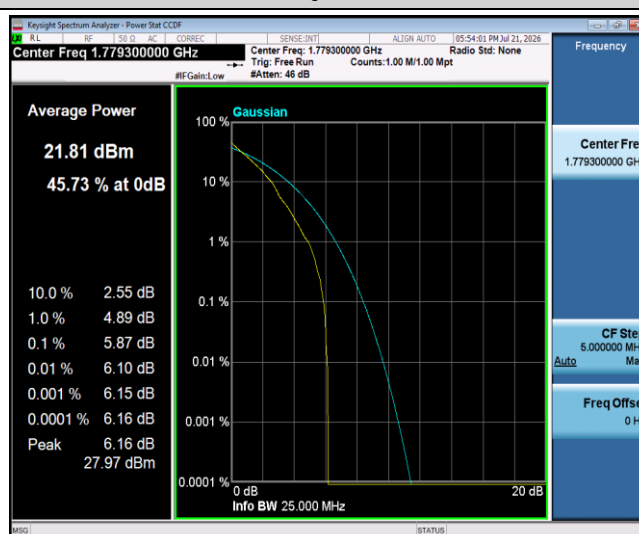
Band66-1.4MHz-QPSK-131979-6RB#0



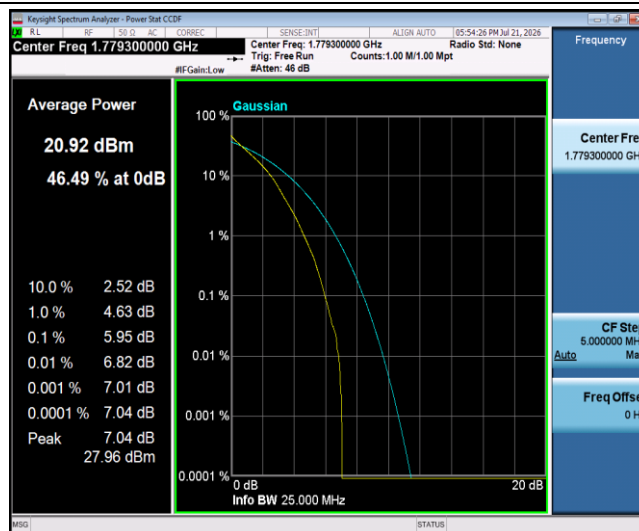
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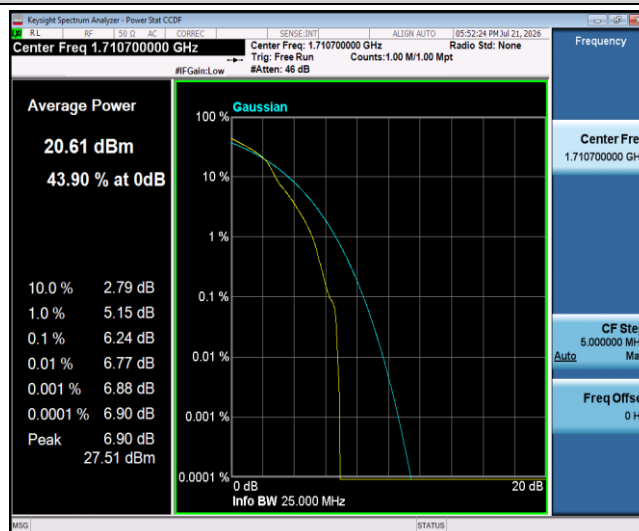
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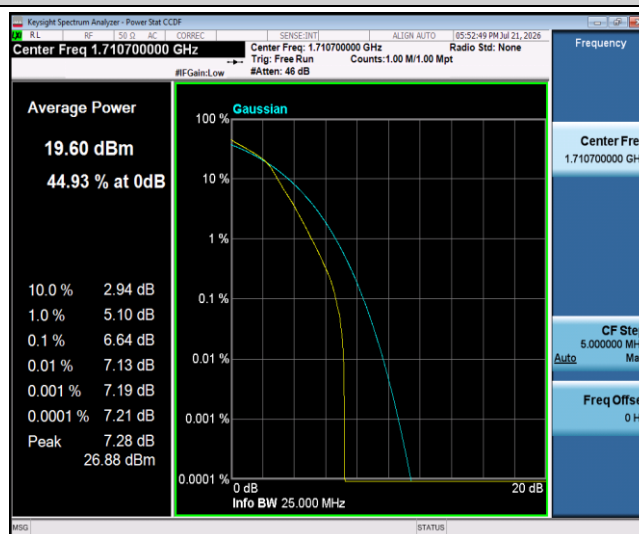
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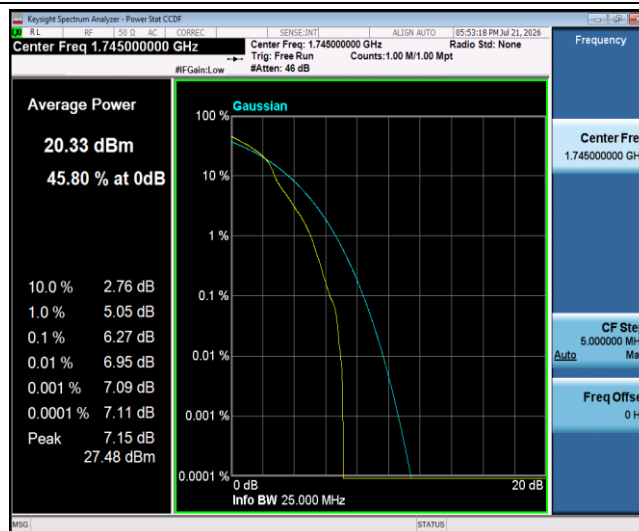
Band66-1.4MHz-QPSK-132665-6RB#0



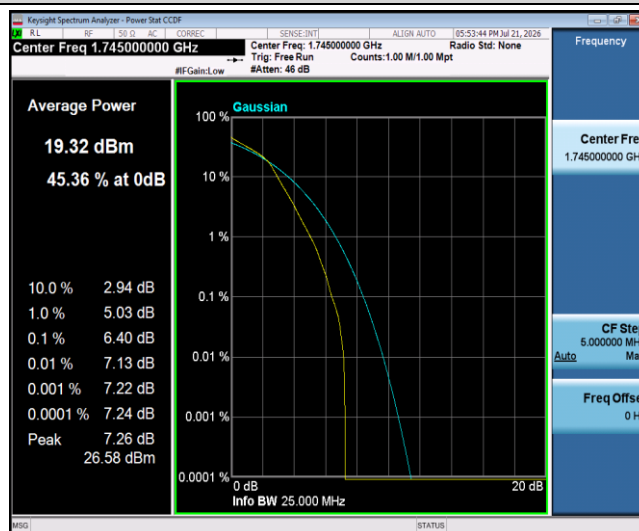
Band66-1.4MHz-16QAM-131979-1RB#0



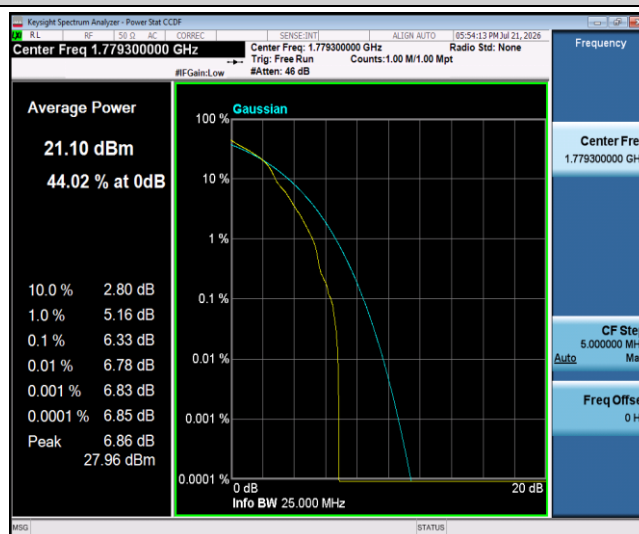
Band66-1.4MHz-16QAM-131979-6RB#0



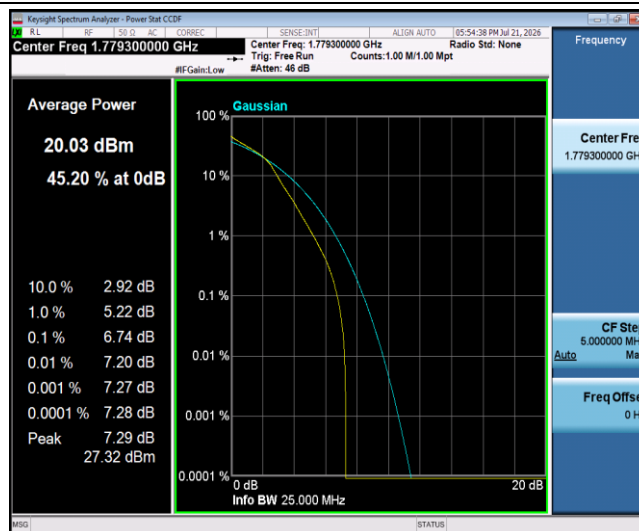
Band66-1.4MHz-16QAM-132322-1RB#0



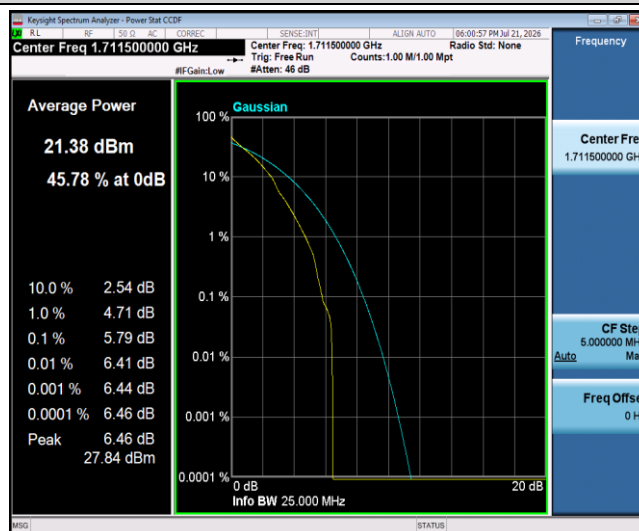
Band66-1.4MHz-16QAM-132322-6RB#0



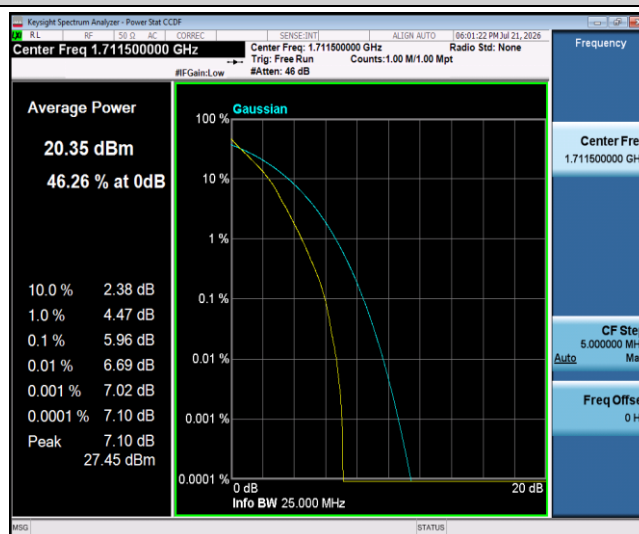
Band66-1.4MHz-16QAM-132665-1RB#0



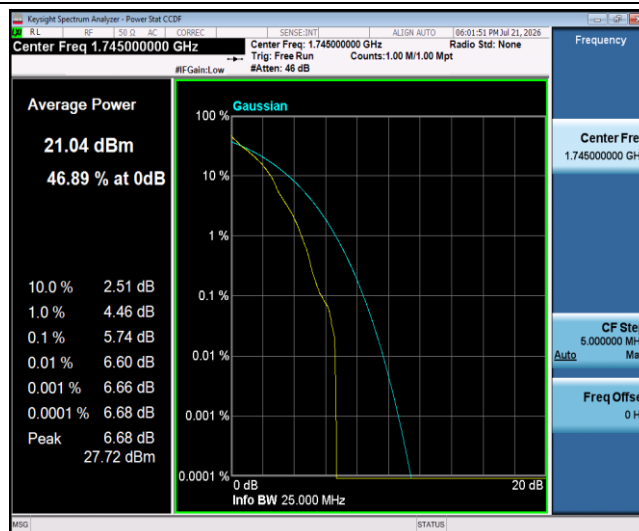
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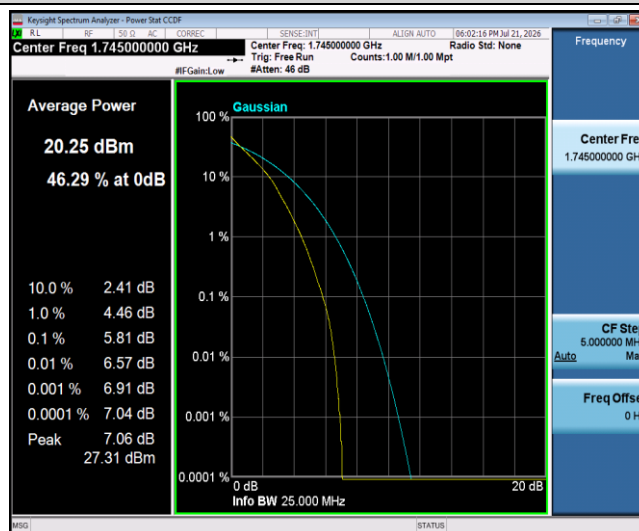
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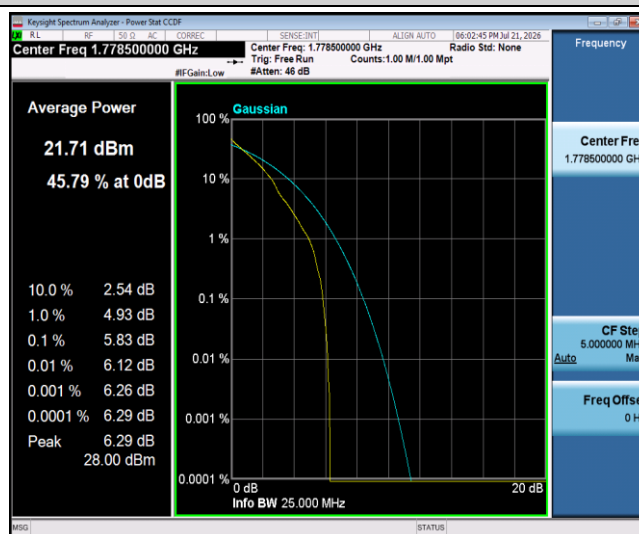
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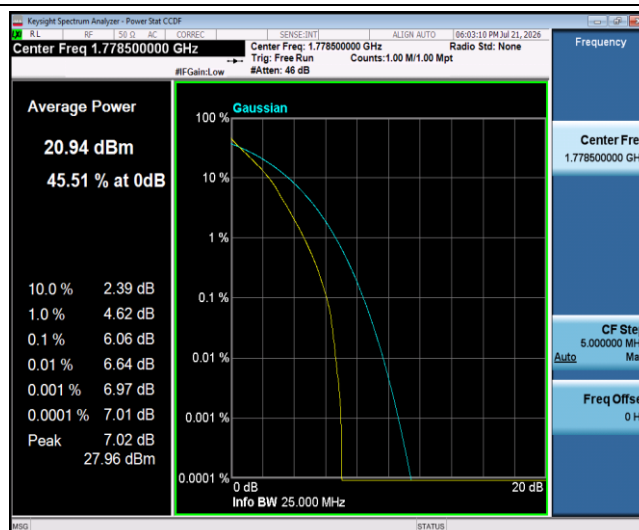
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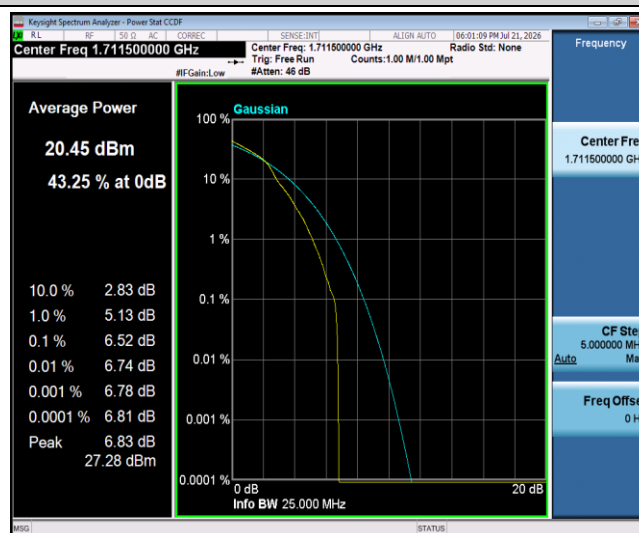
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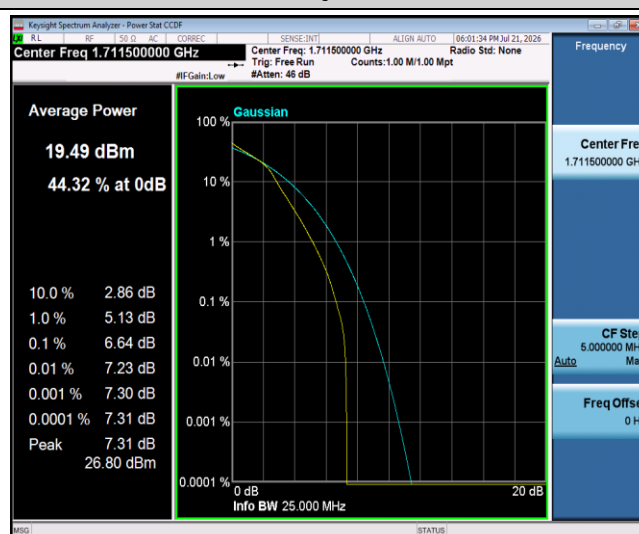
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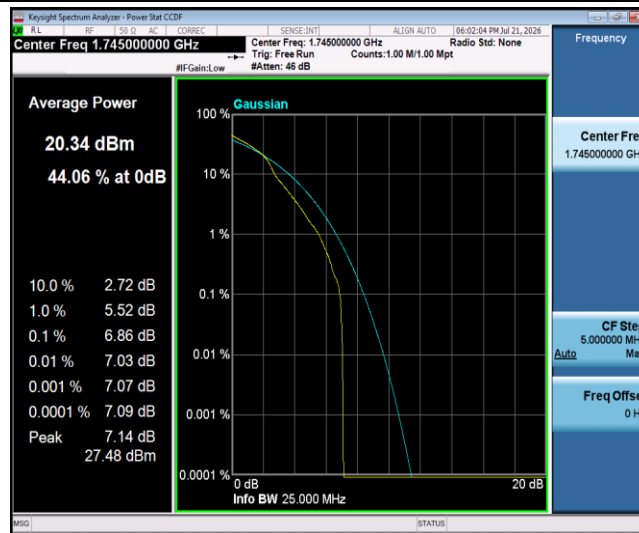
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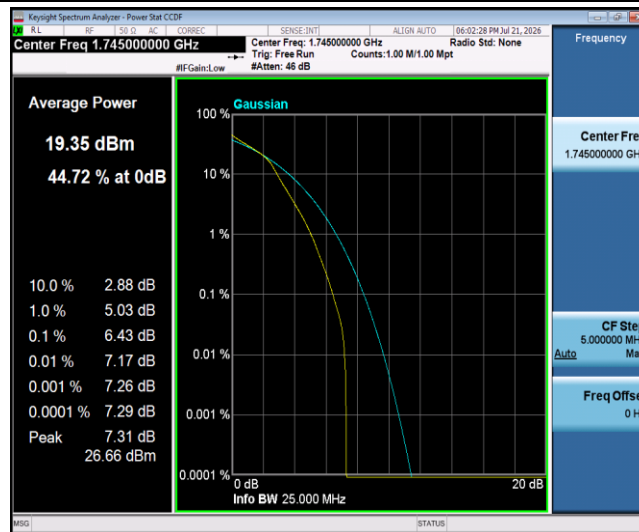
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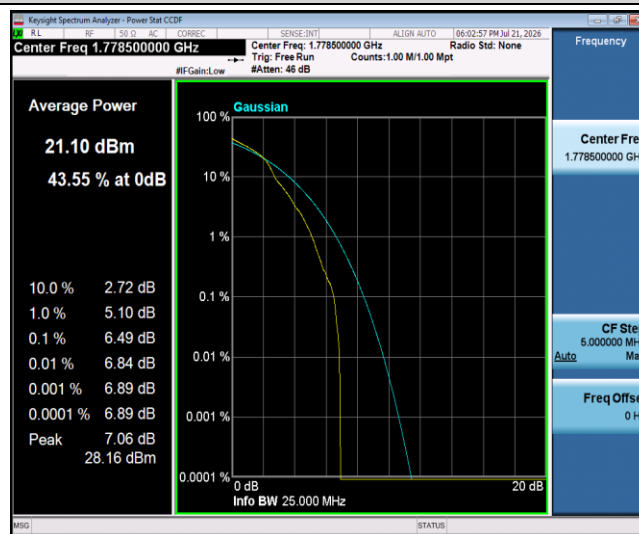
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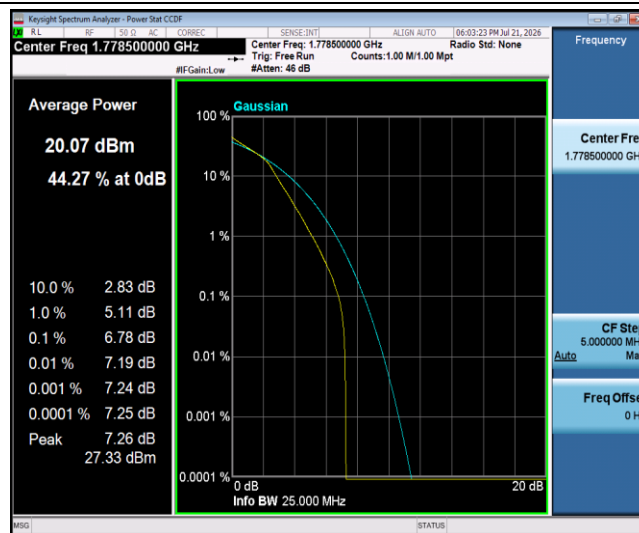
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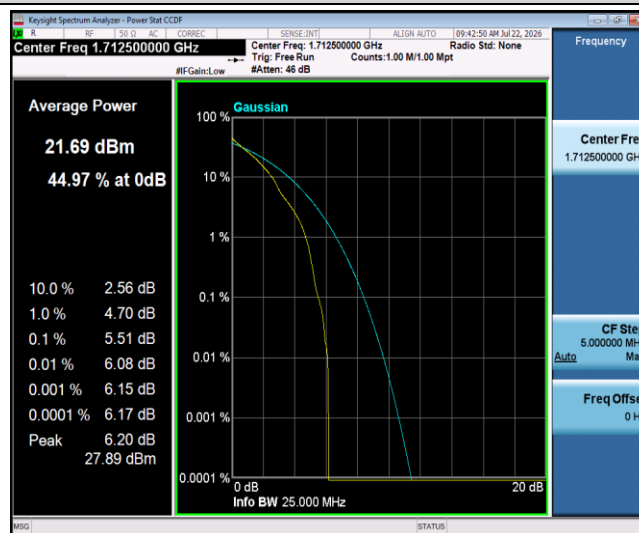
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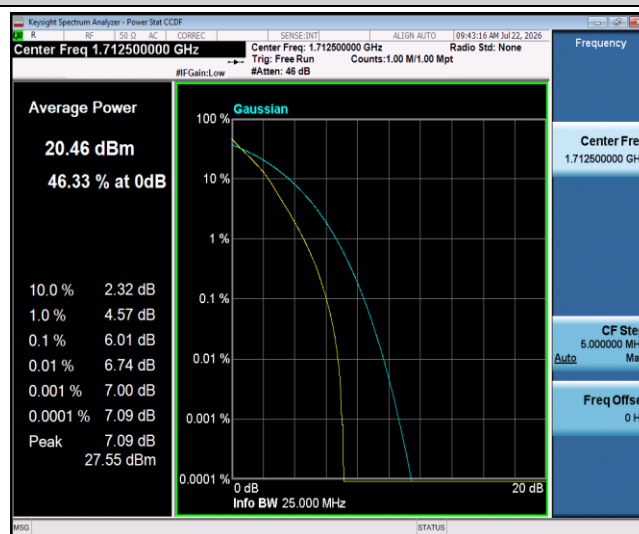
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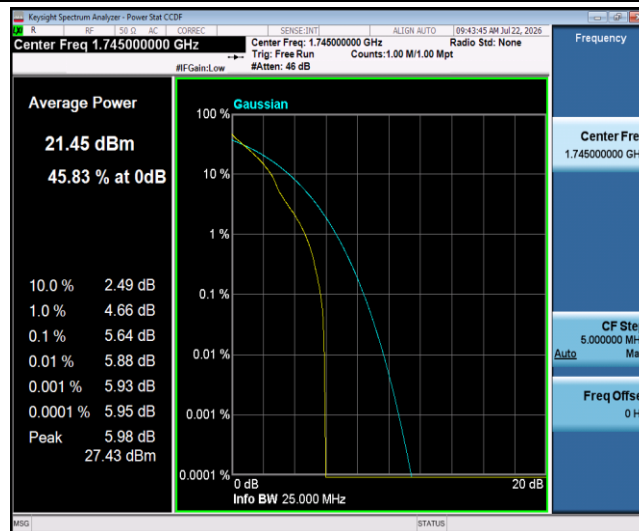
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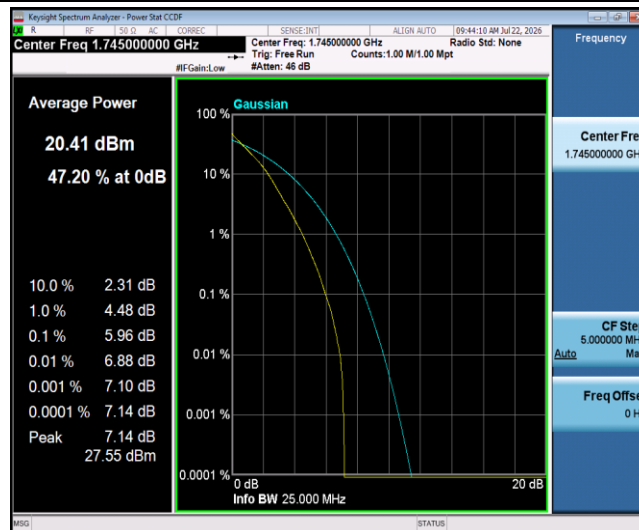
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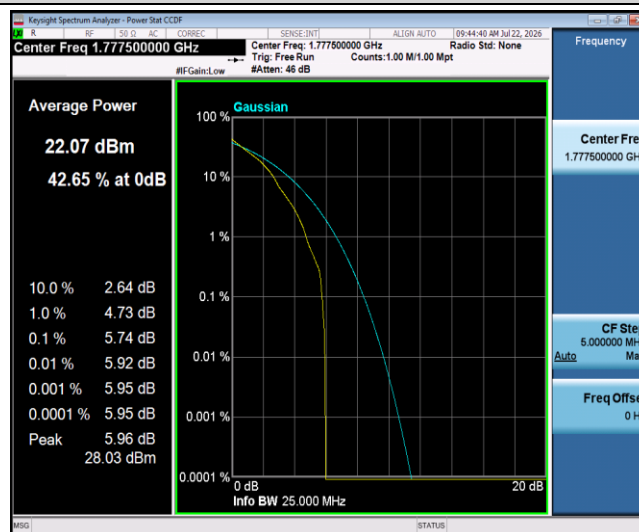
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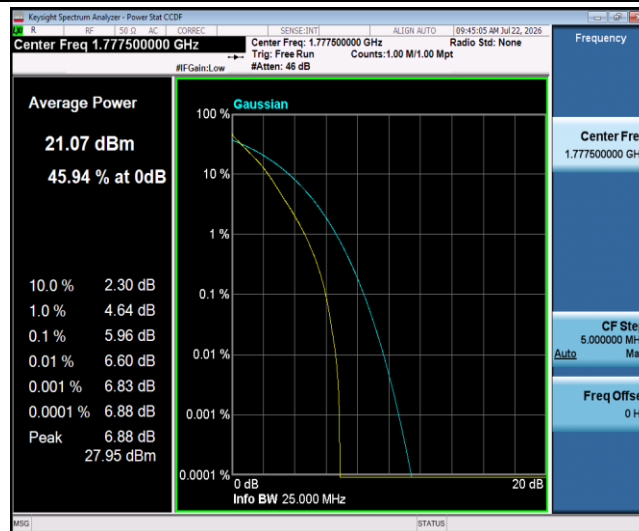
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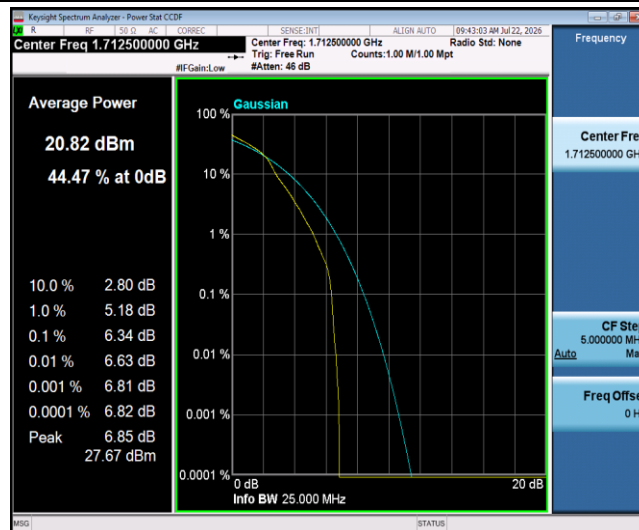
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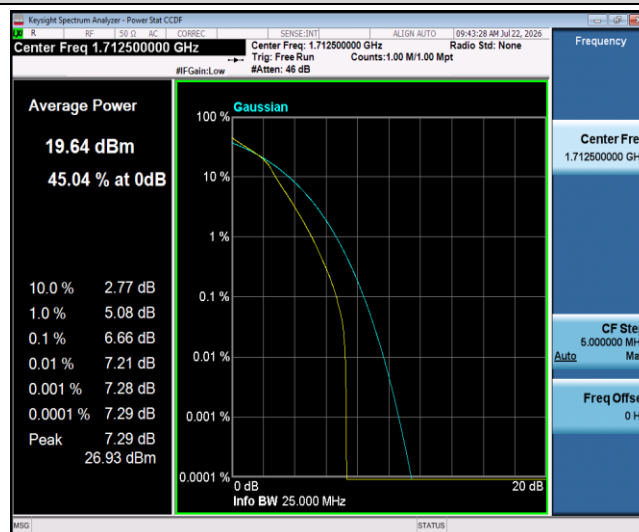
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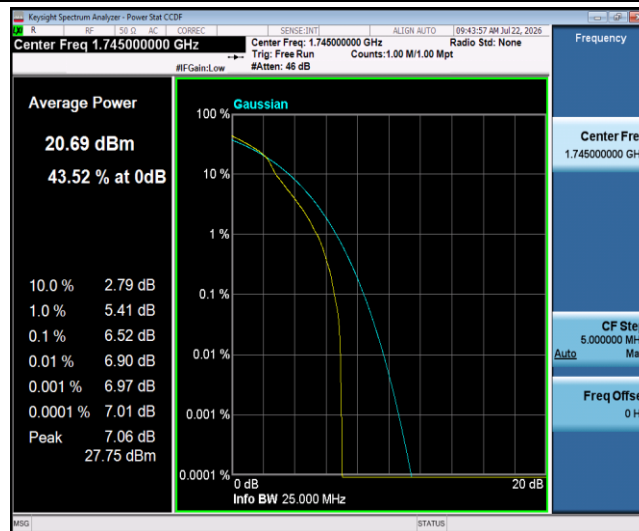
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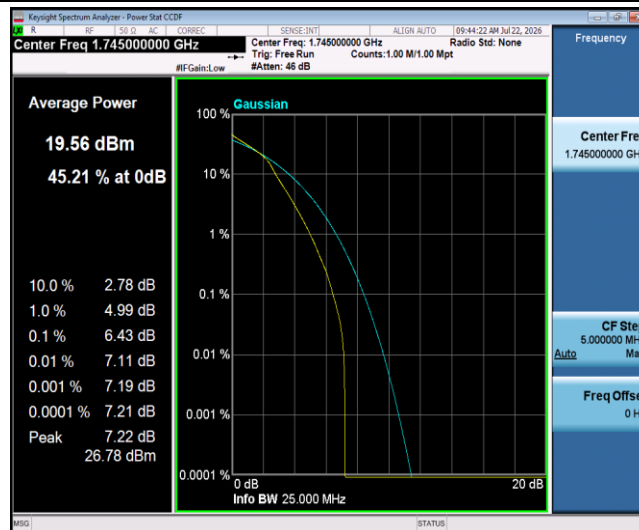
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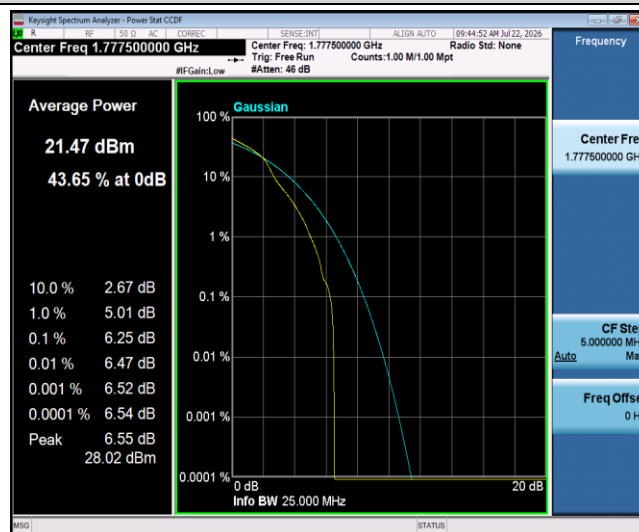
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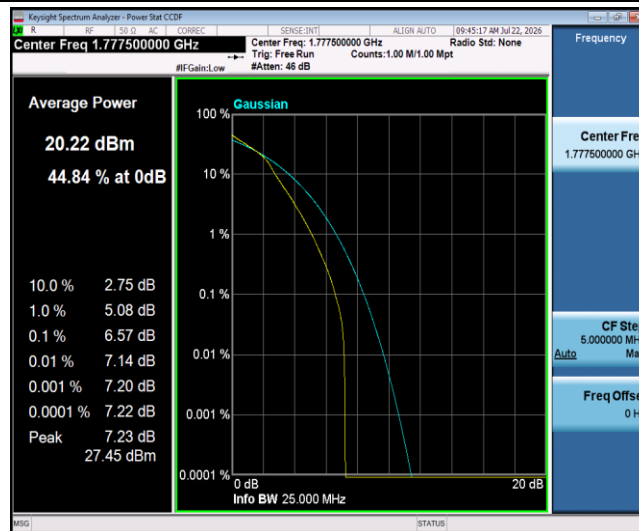
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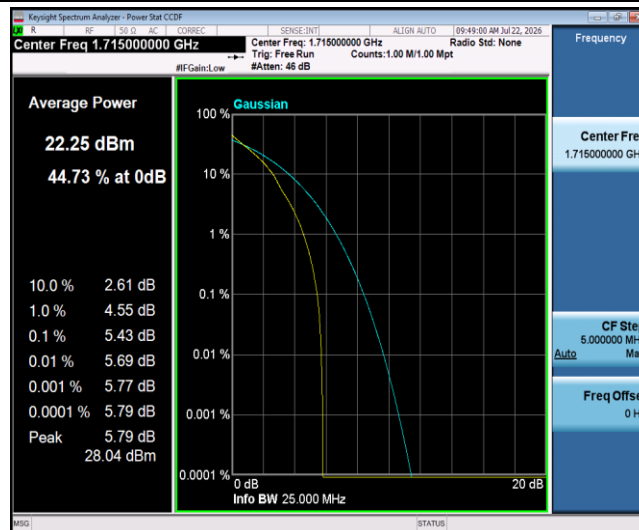
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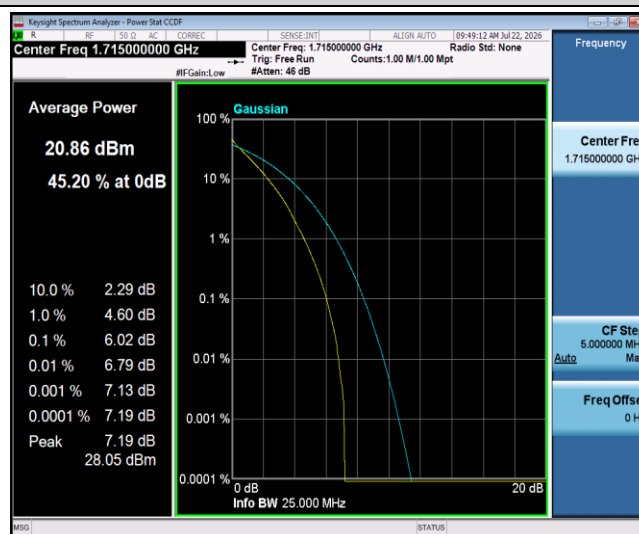
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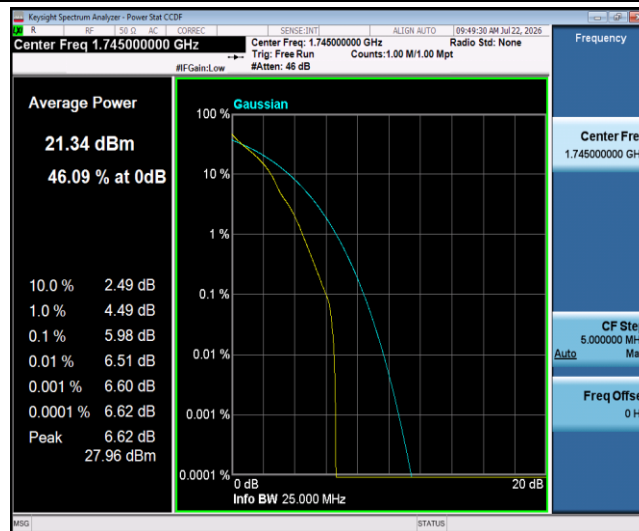
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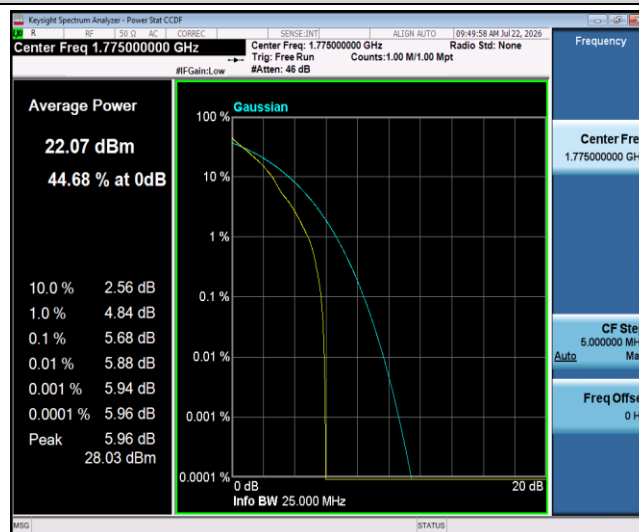
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