



Appendix RF Test Data for LTE Band 4

Product Name: AI Translator Earbuds

Test Model: A9

Environmental Conditions

Temperature:	23.9° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Zoey Cao
Supervised by:	Eric Wang

1. Peak-to-Average Ratio(CCDF)

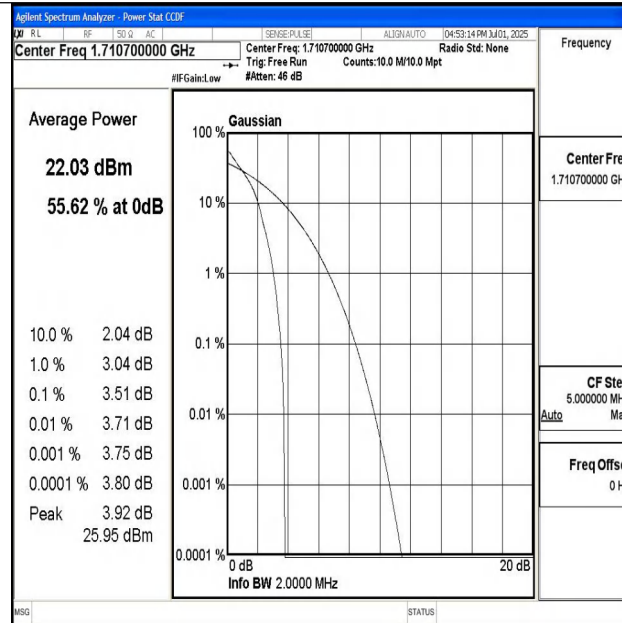
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	3.51	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.01	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.27	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.87	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.71	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.19	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.60	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.21	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.26	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3.75	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.18	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.80	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.48	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.18	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.28	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	4.90	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.84	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.55	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.60	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.30	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.29	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.02	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.11	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.79	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.59	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.31	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.84	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.38	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.01	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.75	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.01	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.60	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.24	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.12	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.67	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.22	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.52	13	PASS

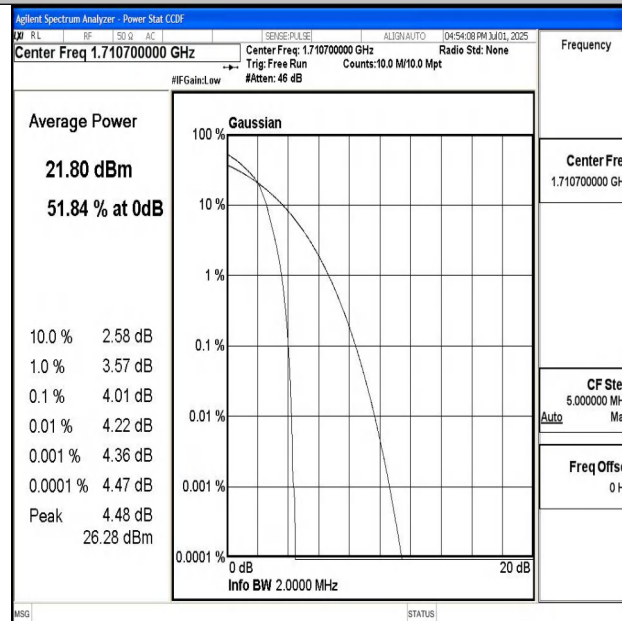


Band4	10MHz	16QAM	20000	1RB#0	4.15	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.97	13	PASS
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Band4	10MHz	QPSK	20175	1RB#0	4.07	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.68	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.02	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.64	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	2.93	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	3.75	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.65	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.24	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.51	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.16	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.26	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.71	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.11	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.72	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.29	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.75	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.37	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	3.98	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.88	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.35	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.22	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.00	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.04	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.66	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.03	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.69	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.97	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.63	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.41	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	3.85	13	PASS
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Band4	20MHz	16QAM	20300	100RB#0	5.25	13	PASS

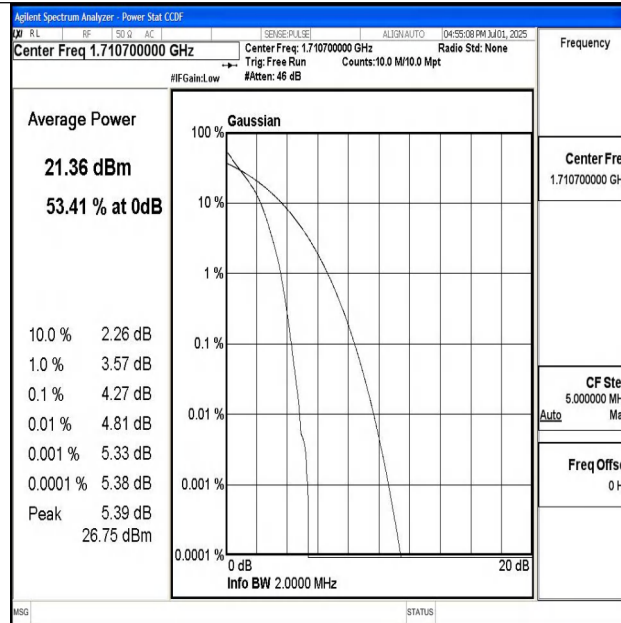
Test Graphs



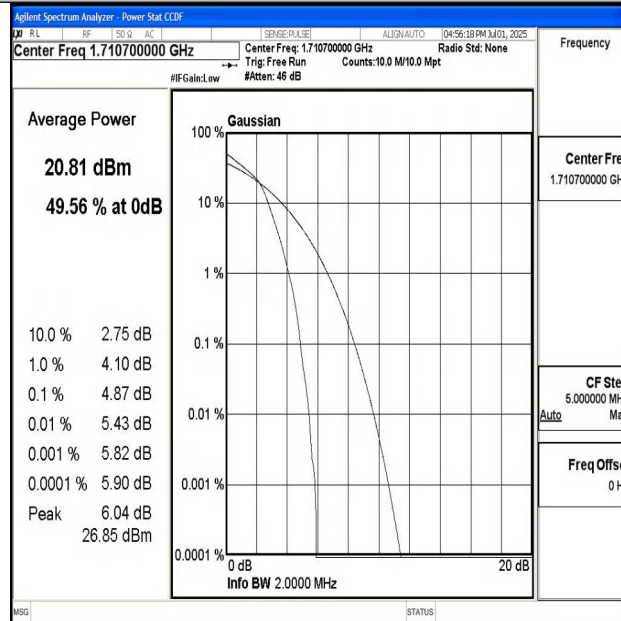
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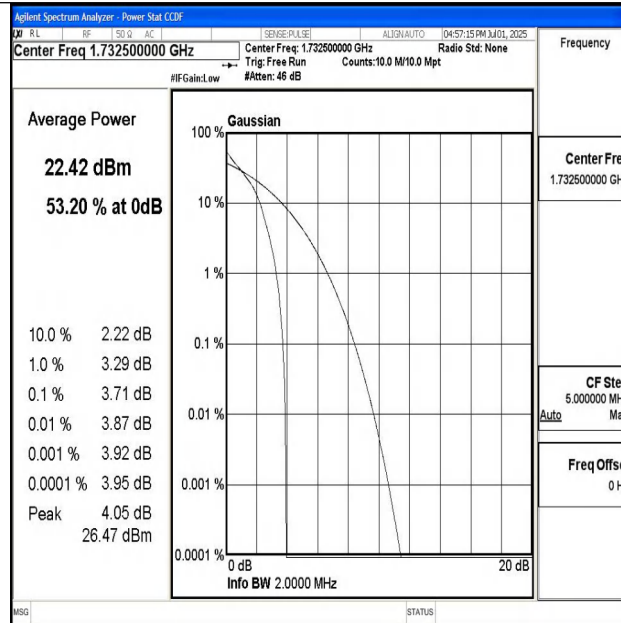
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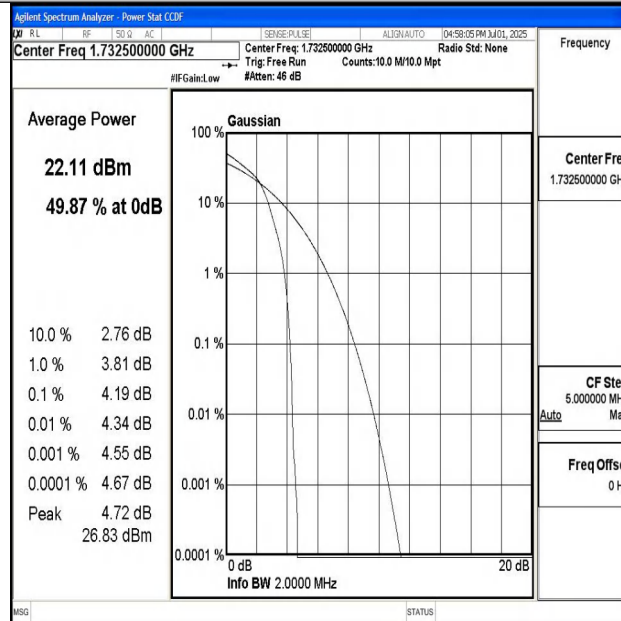
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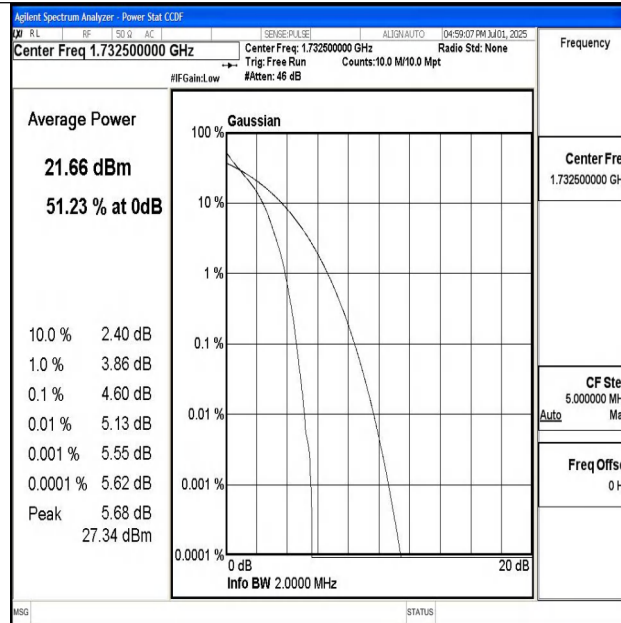
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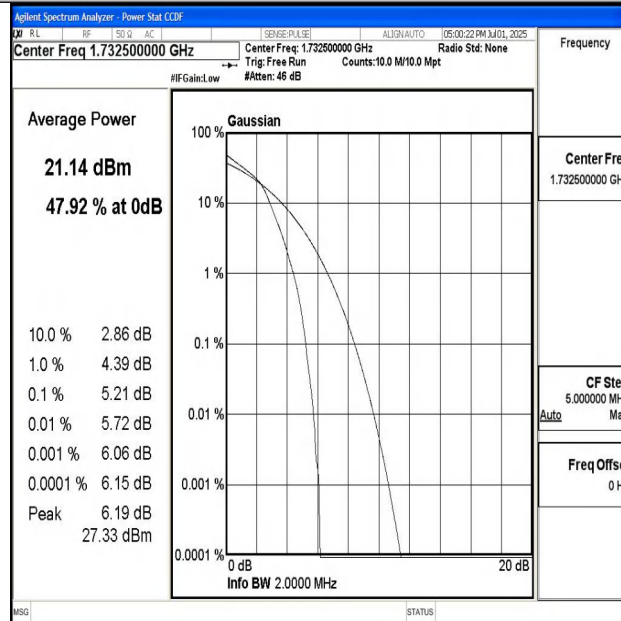
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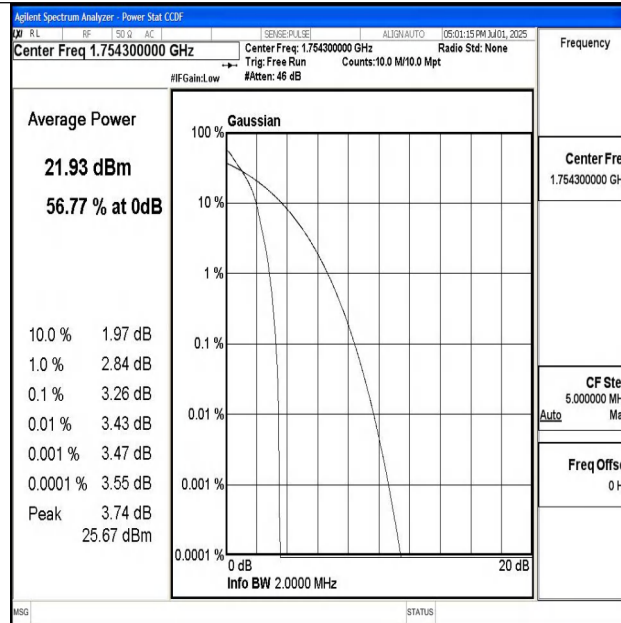
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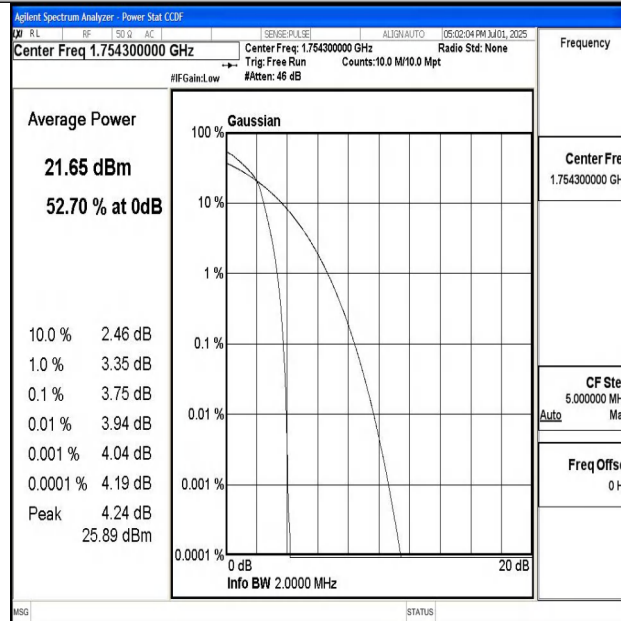
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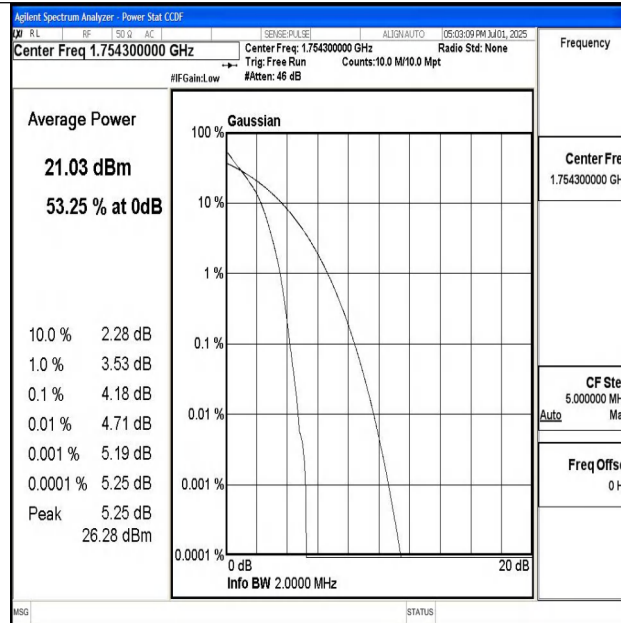
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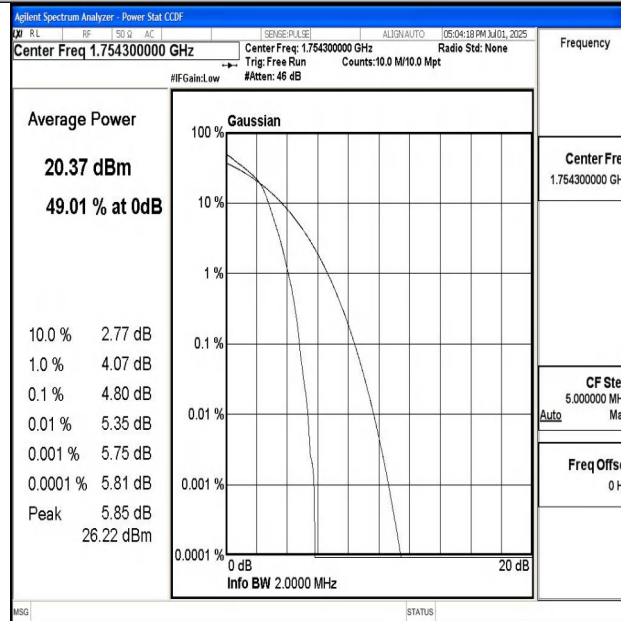
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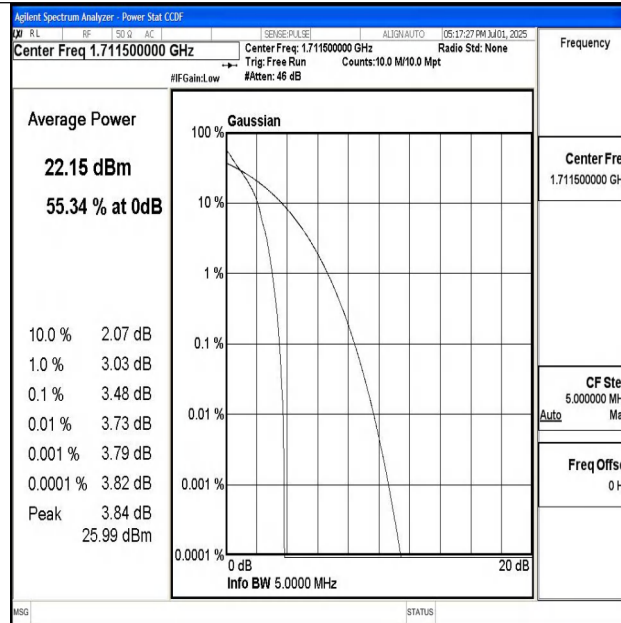
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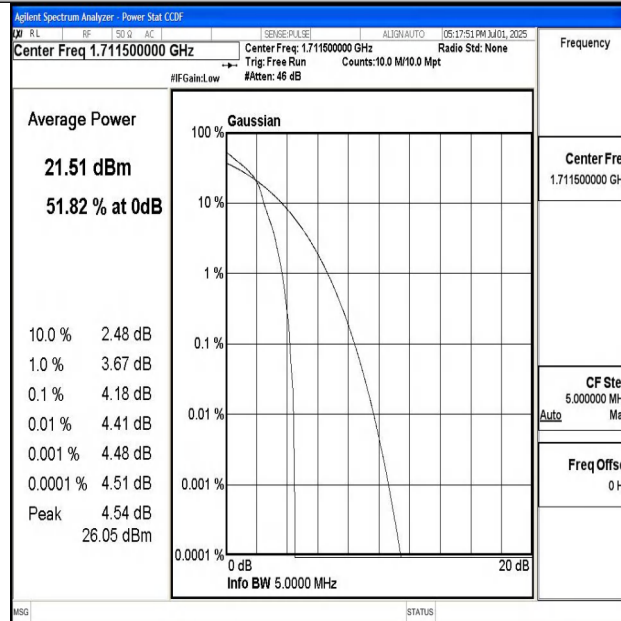
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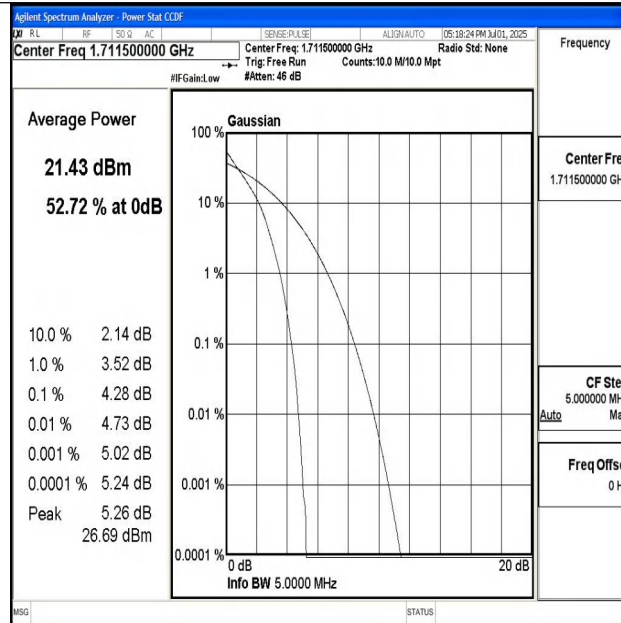
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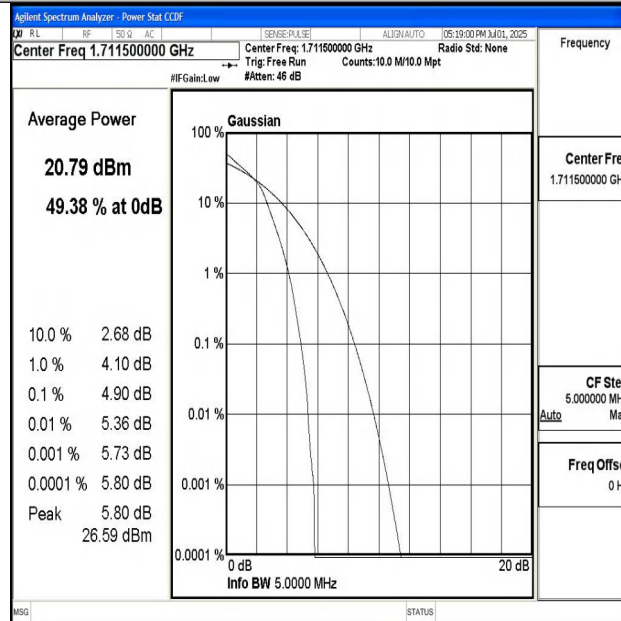
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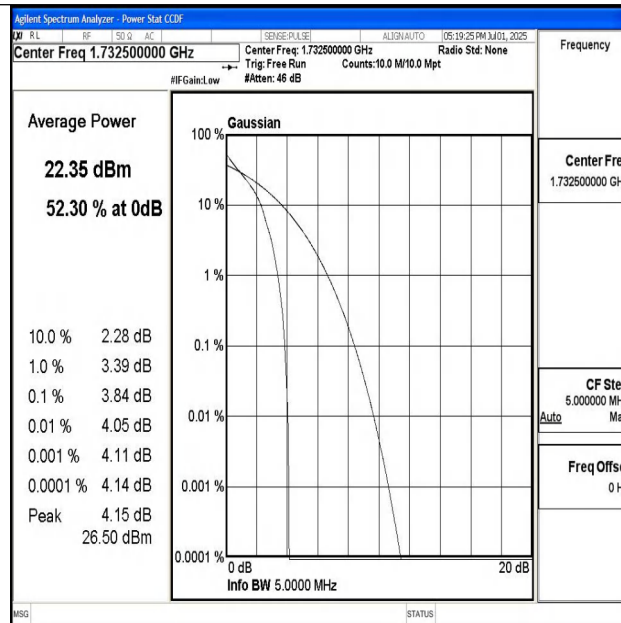
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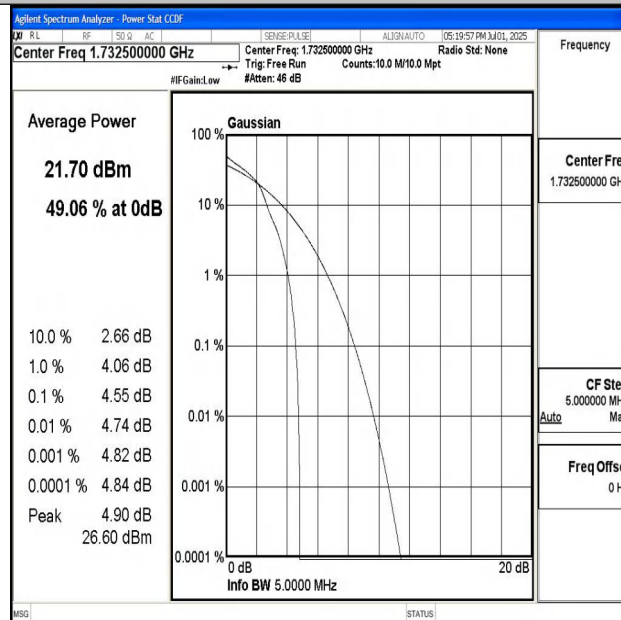
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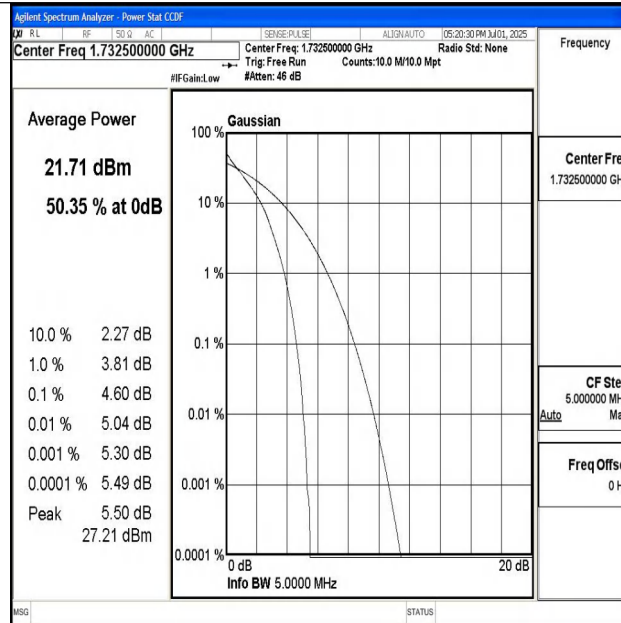
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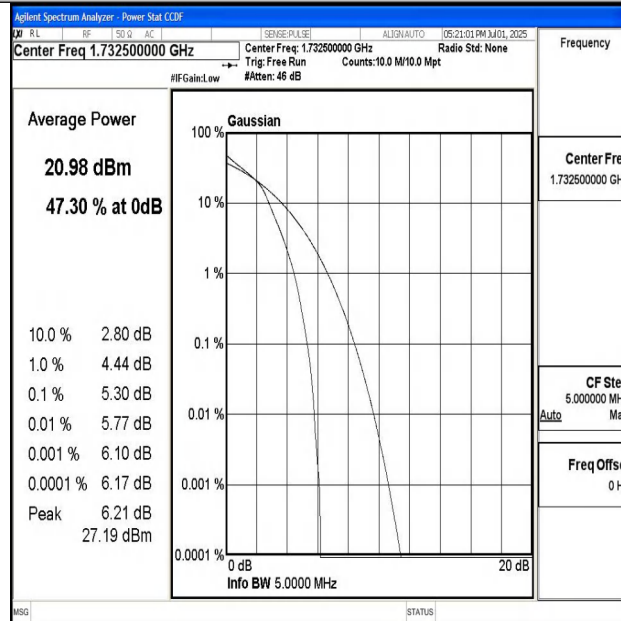
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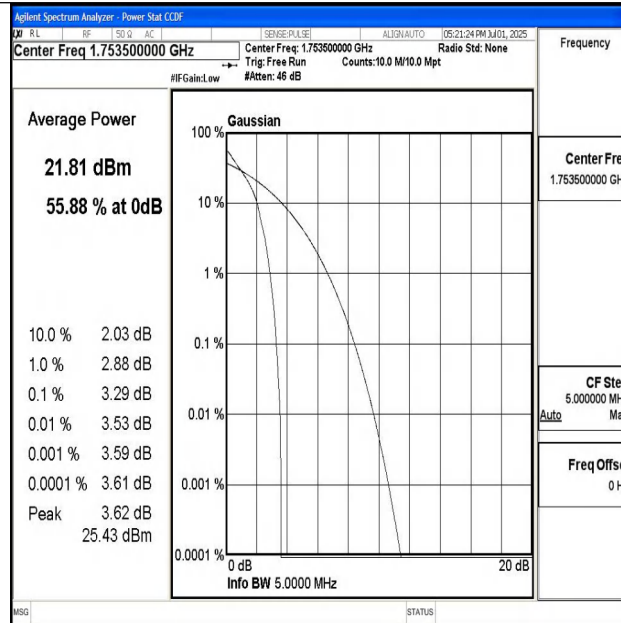
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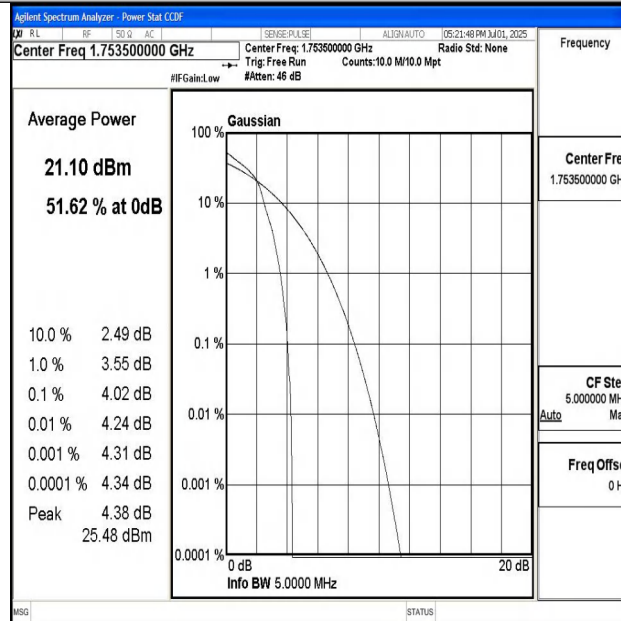
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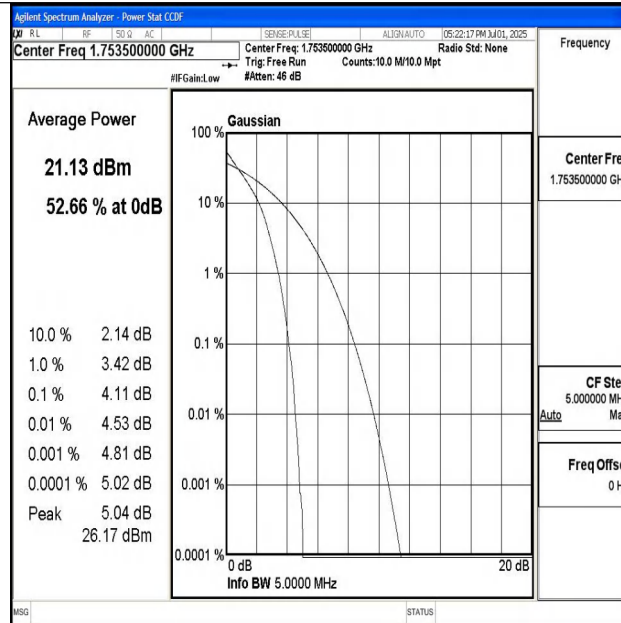
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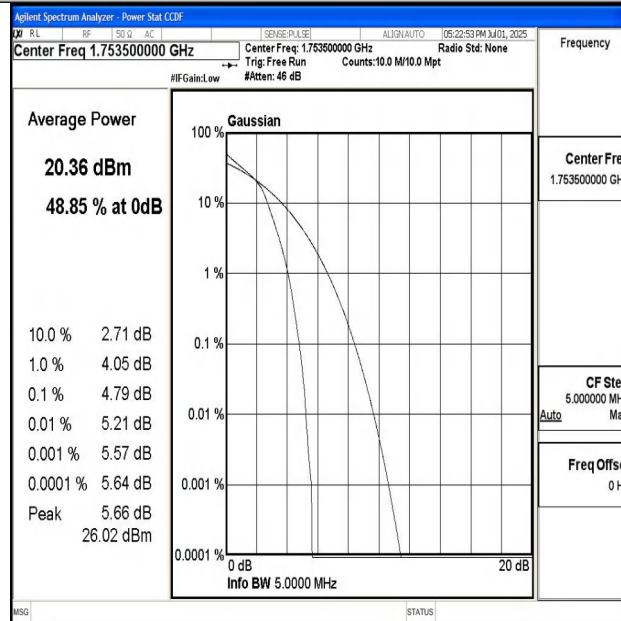
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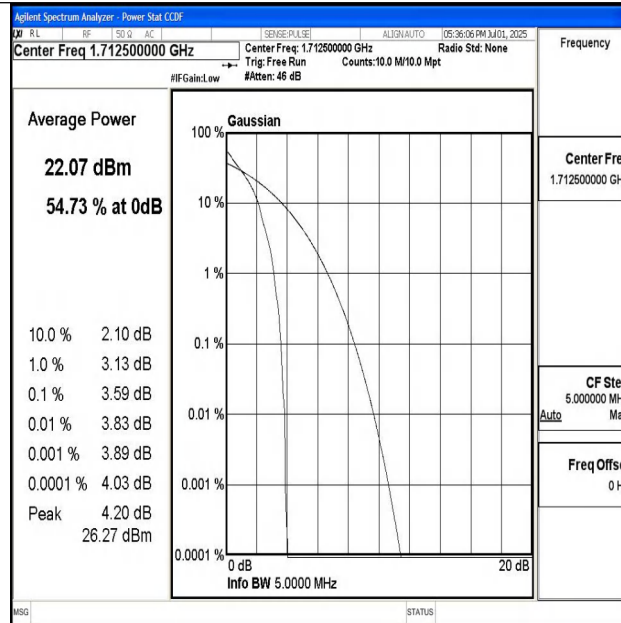
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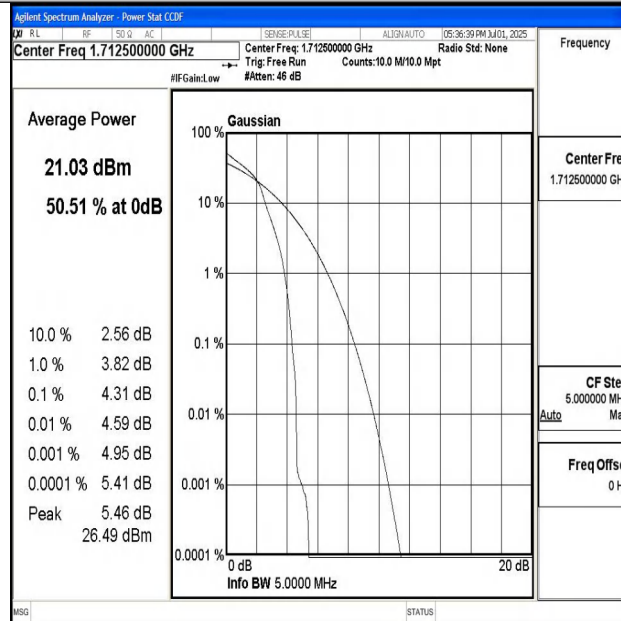
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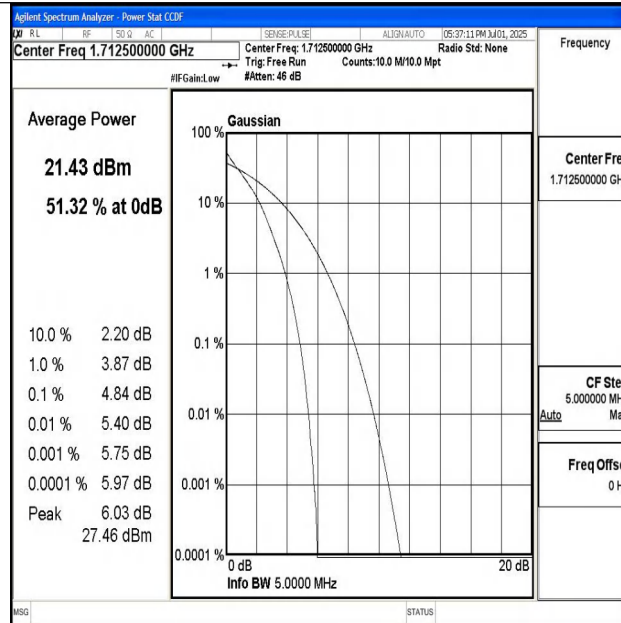
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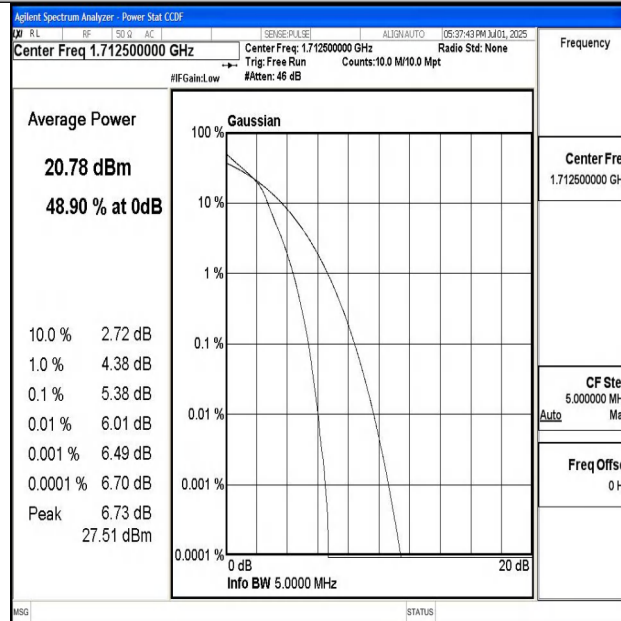
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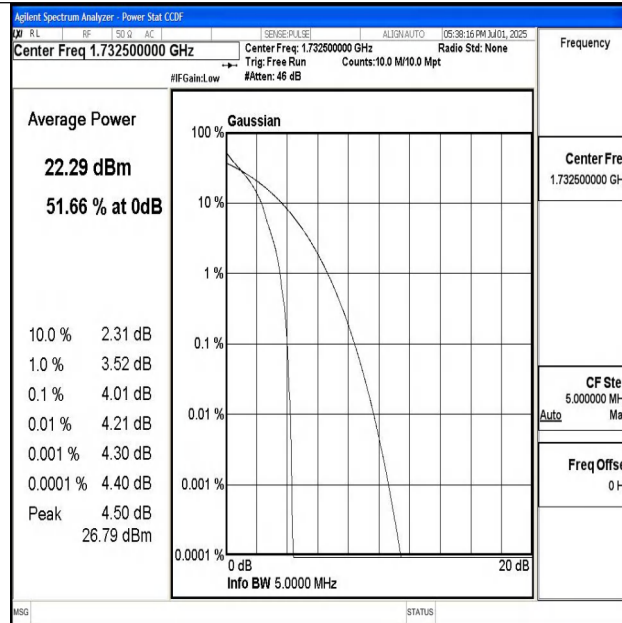
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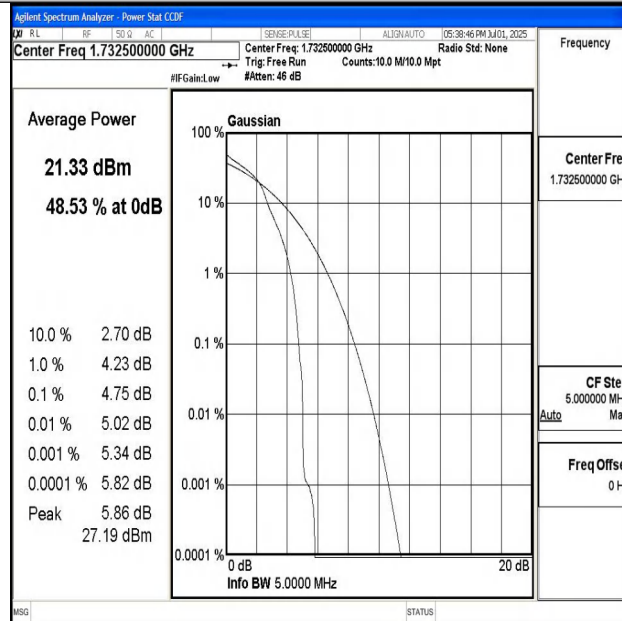
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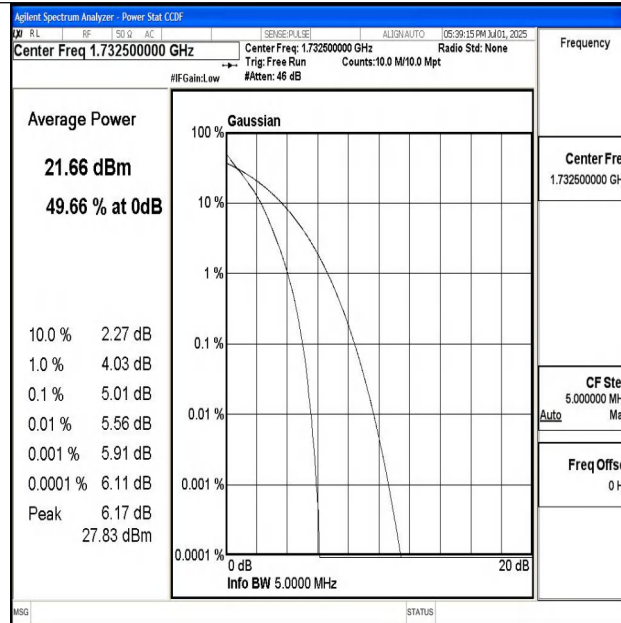
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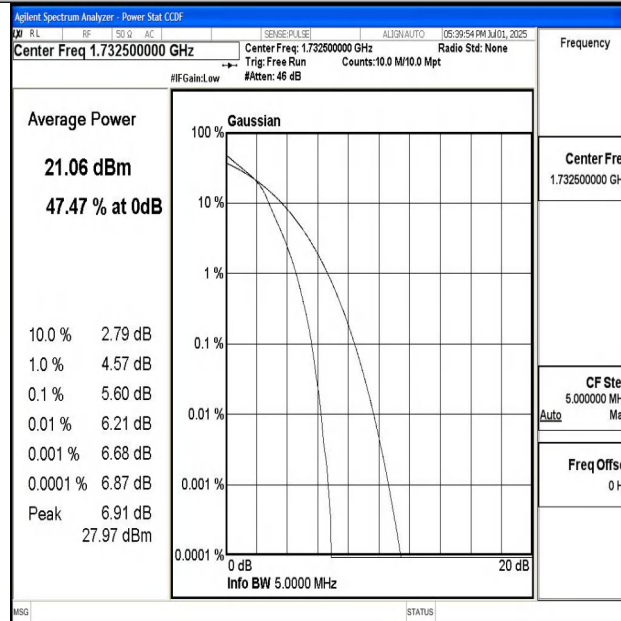
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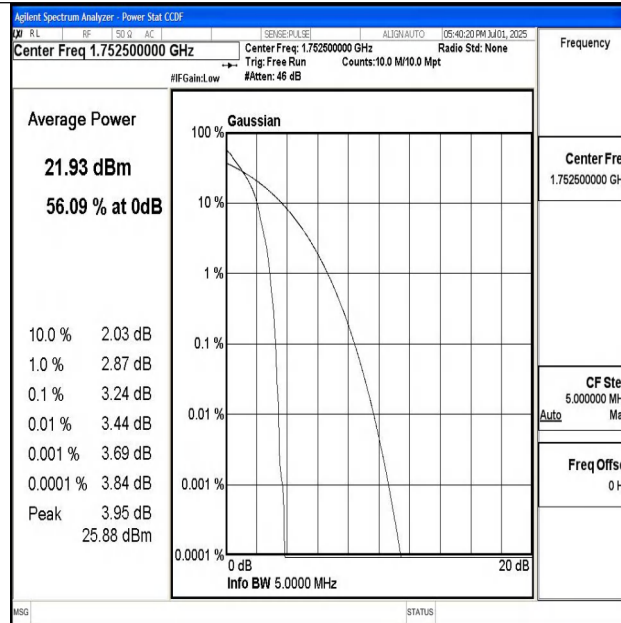
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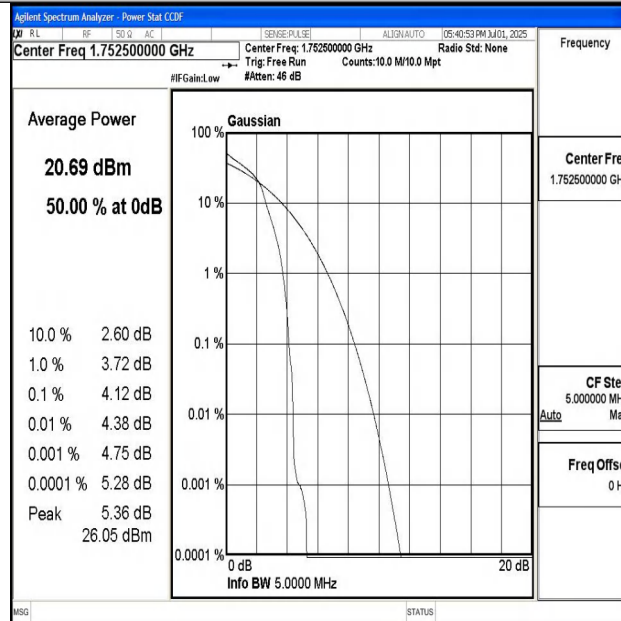
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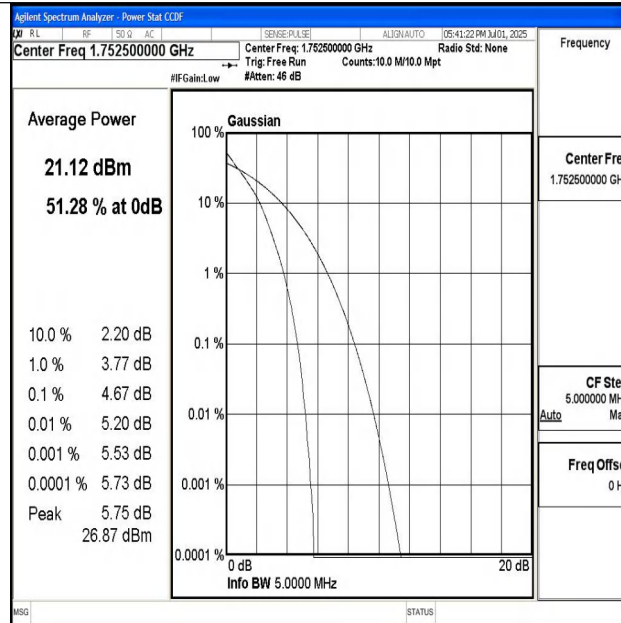
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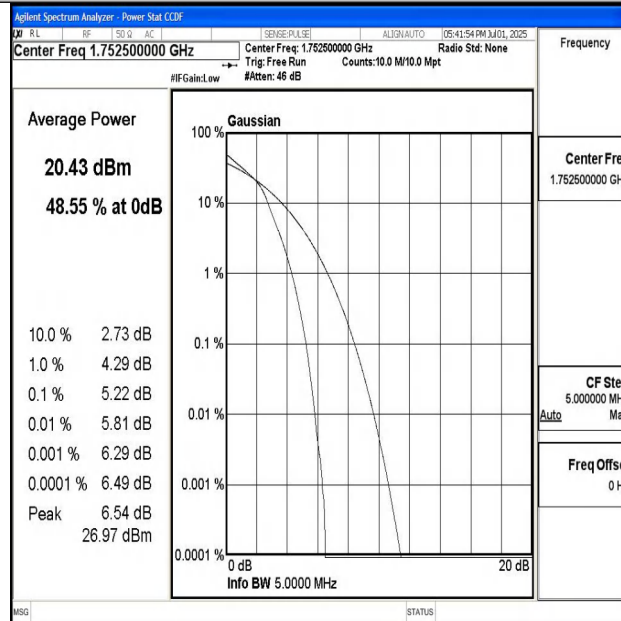
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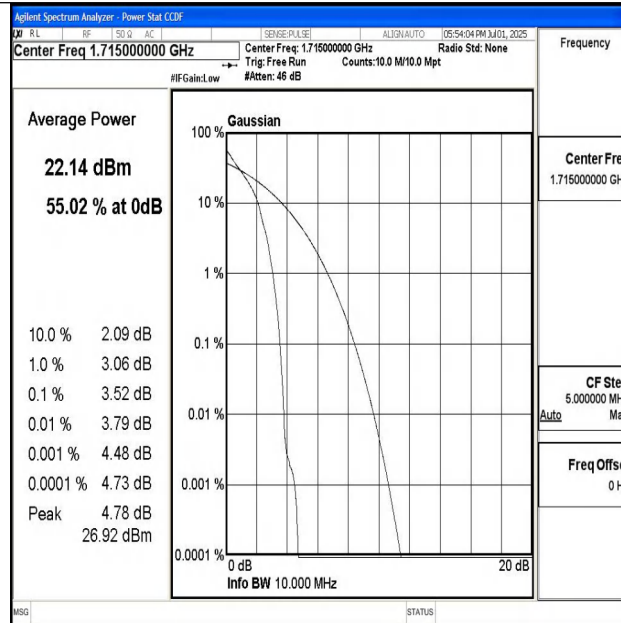
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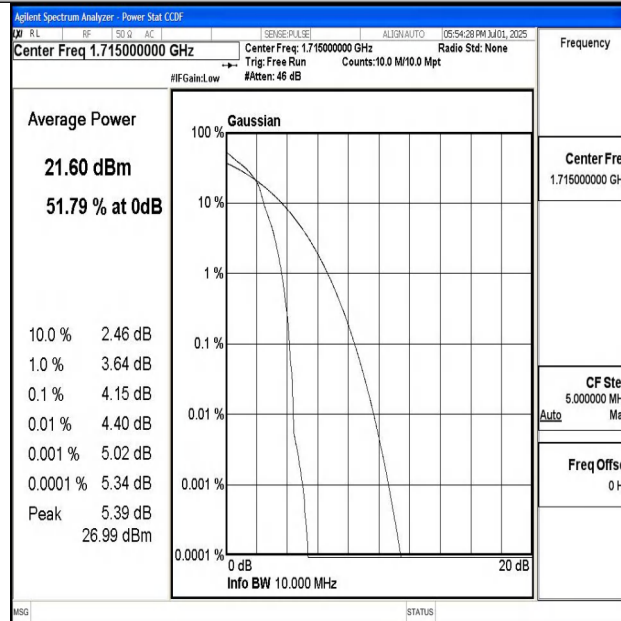
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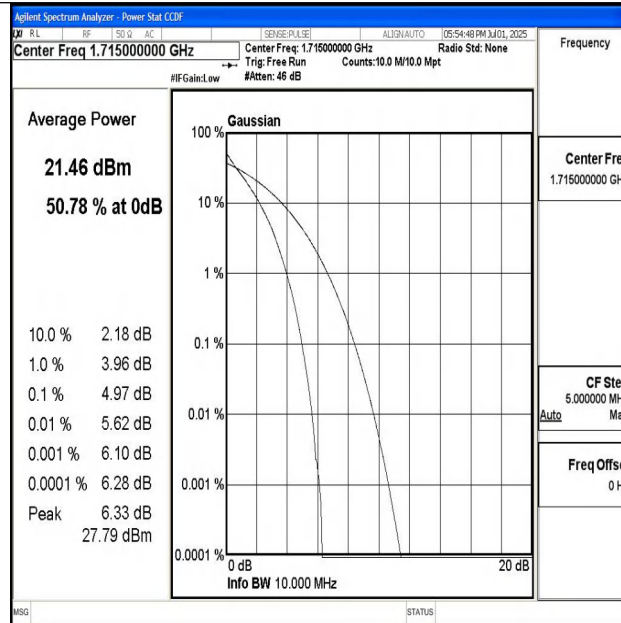
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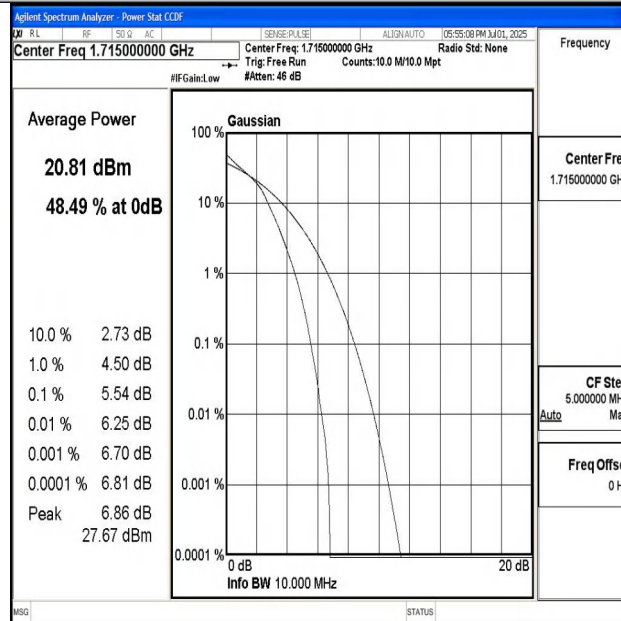
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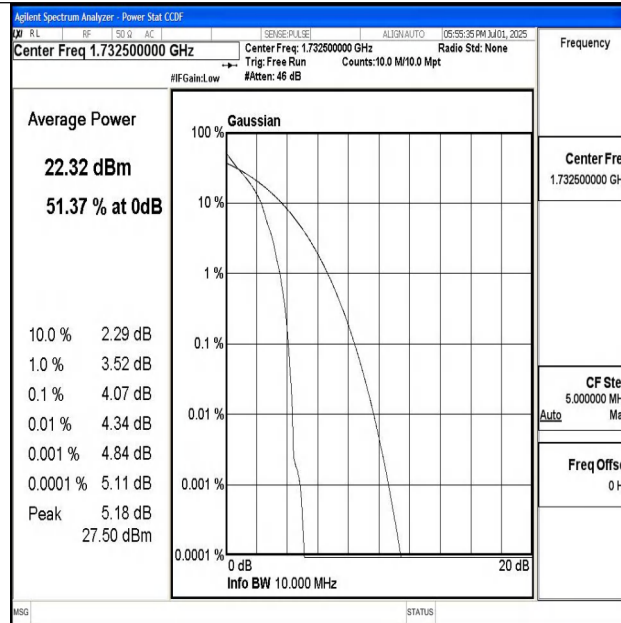
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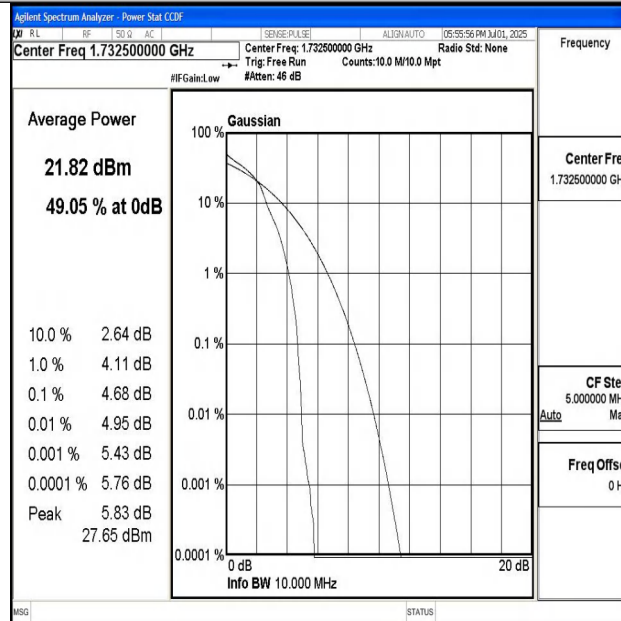
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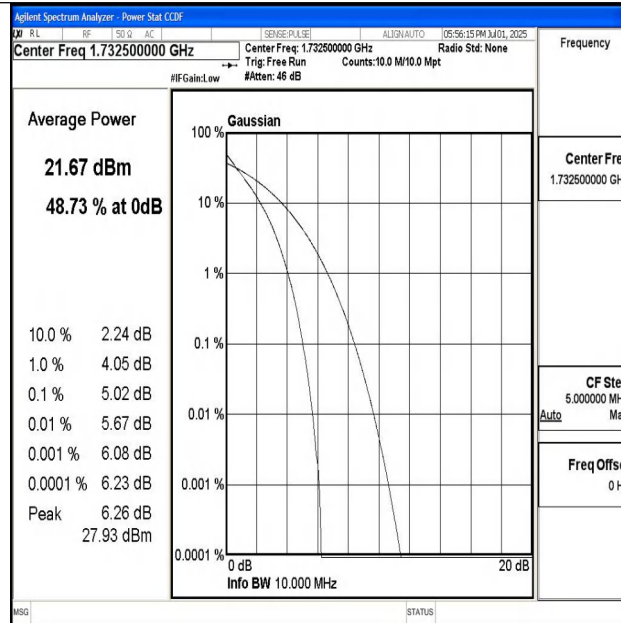
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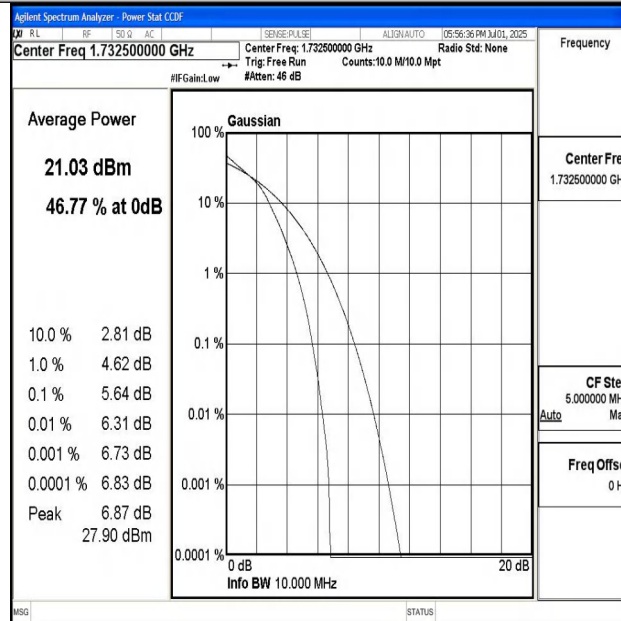
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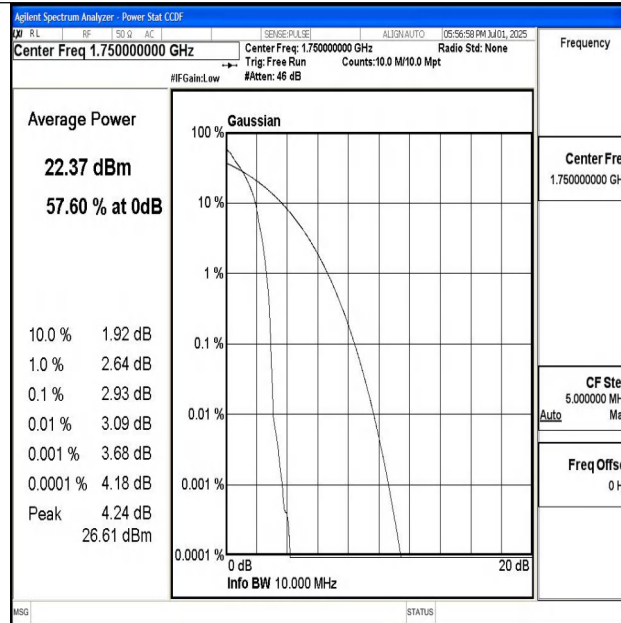
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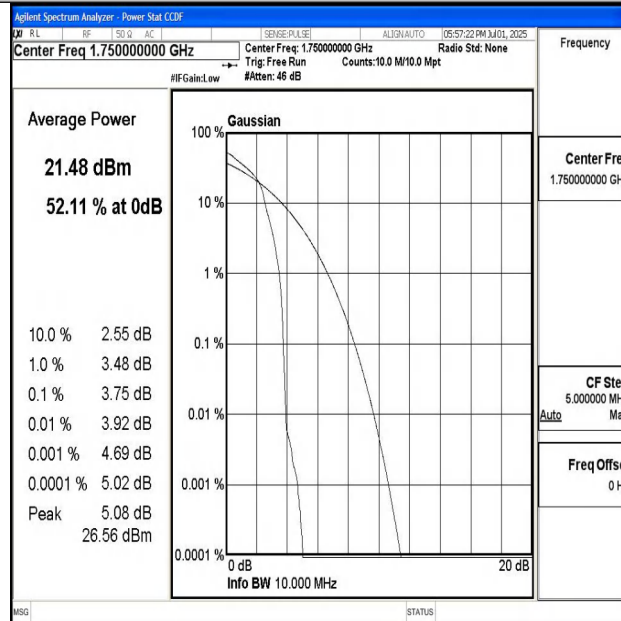
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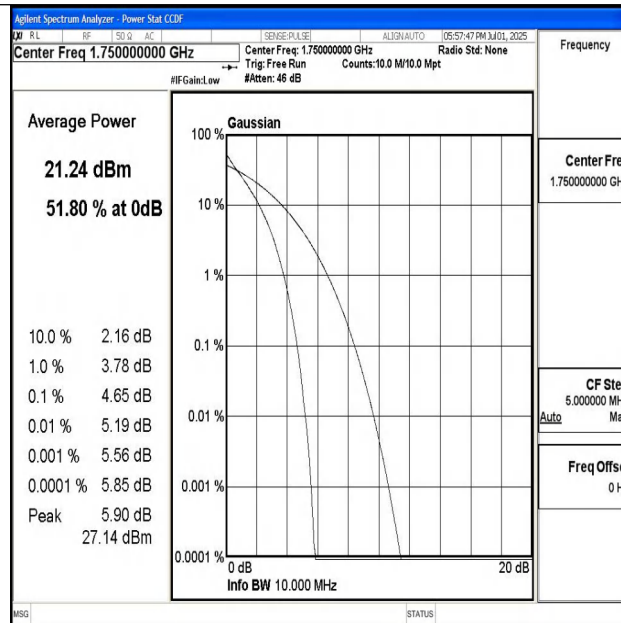
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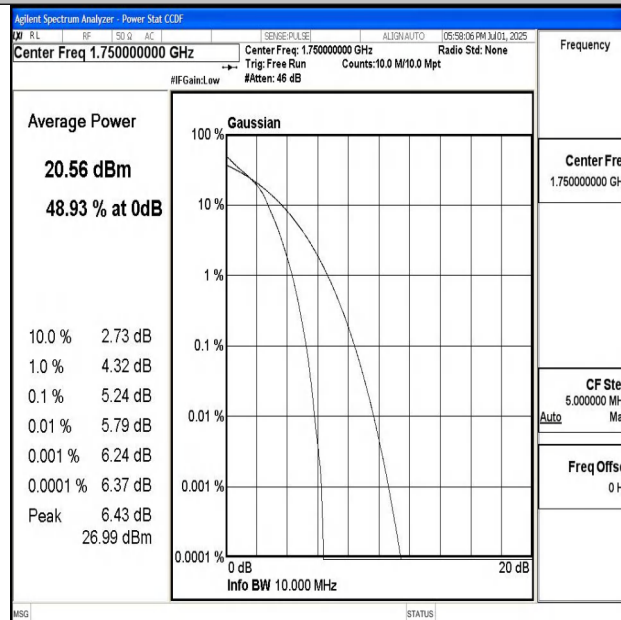
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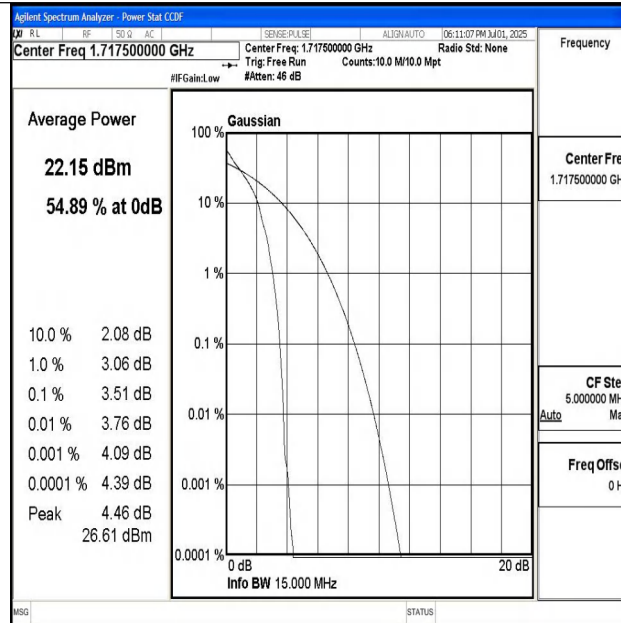
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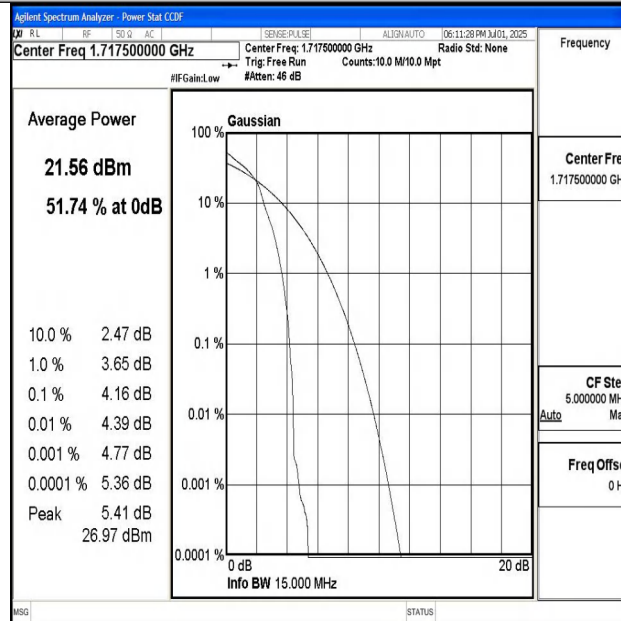
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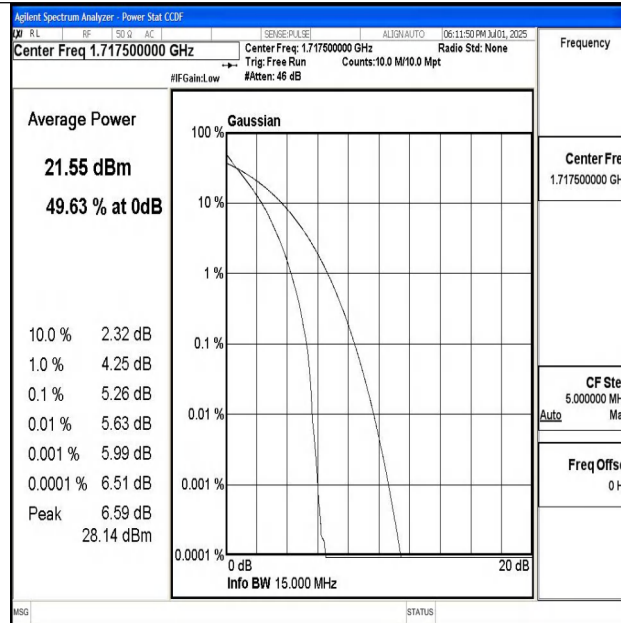
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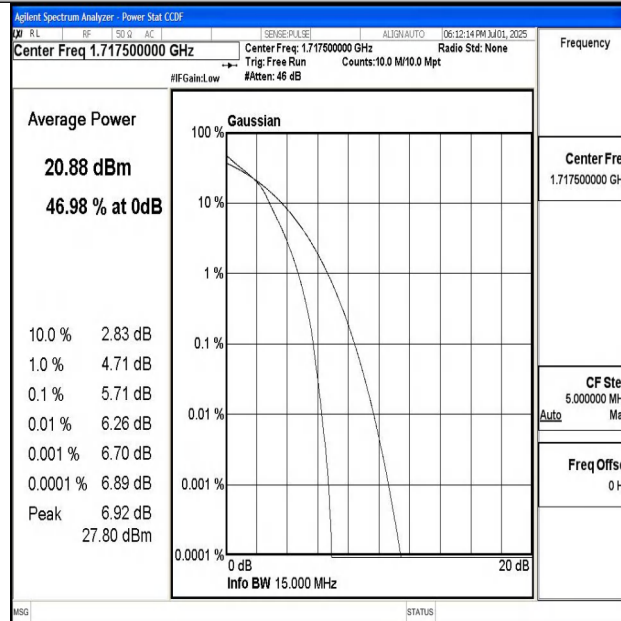
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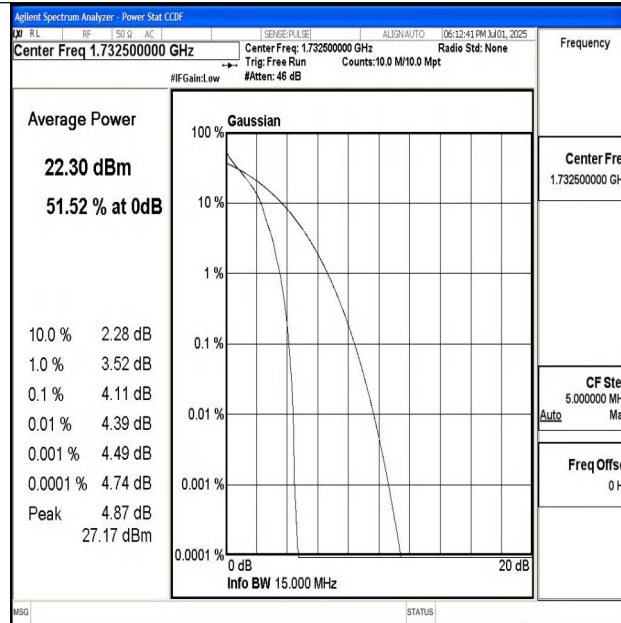
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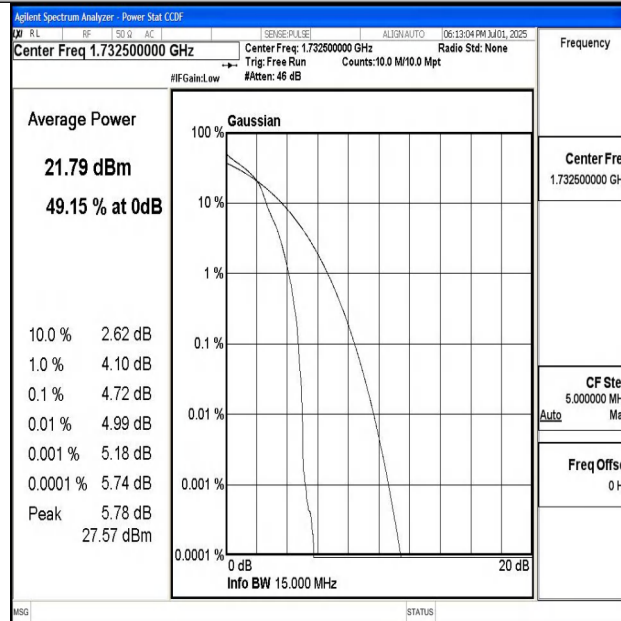
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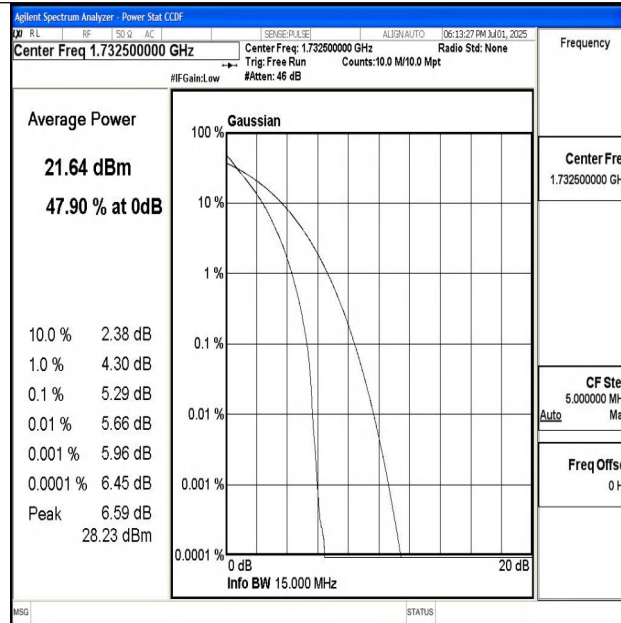
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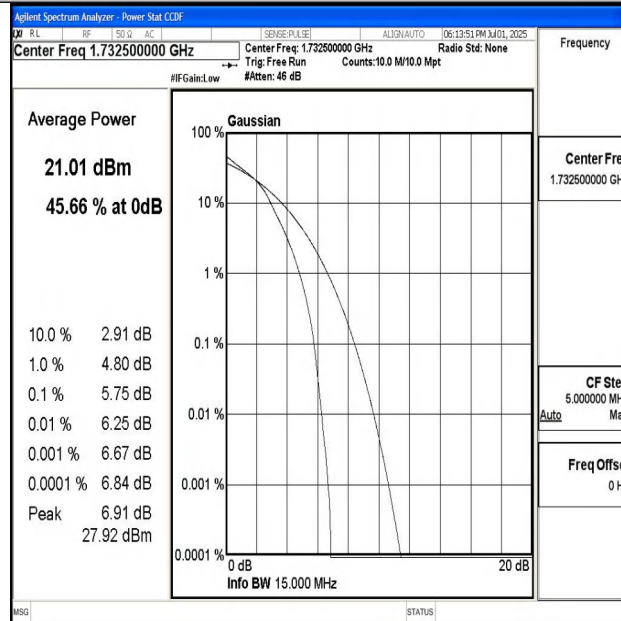
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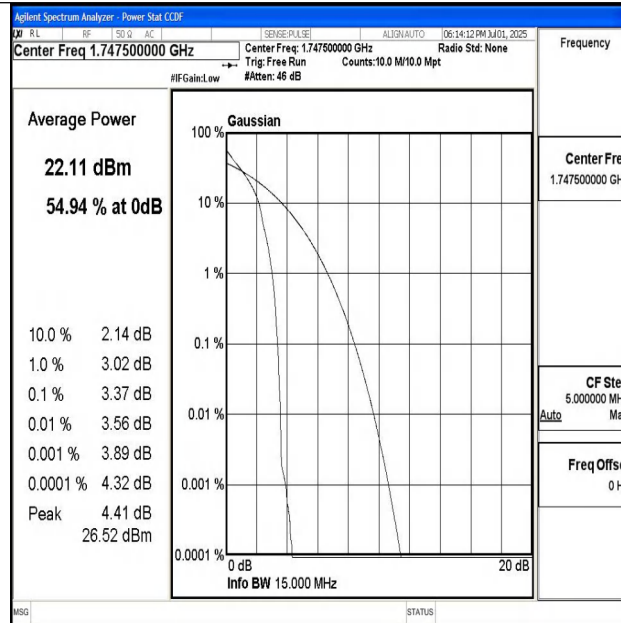
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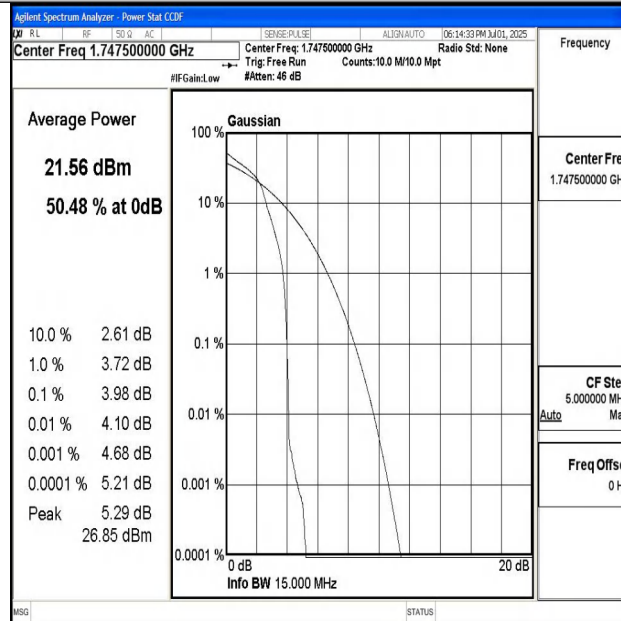
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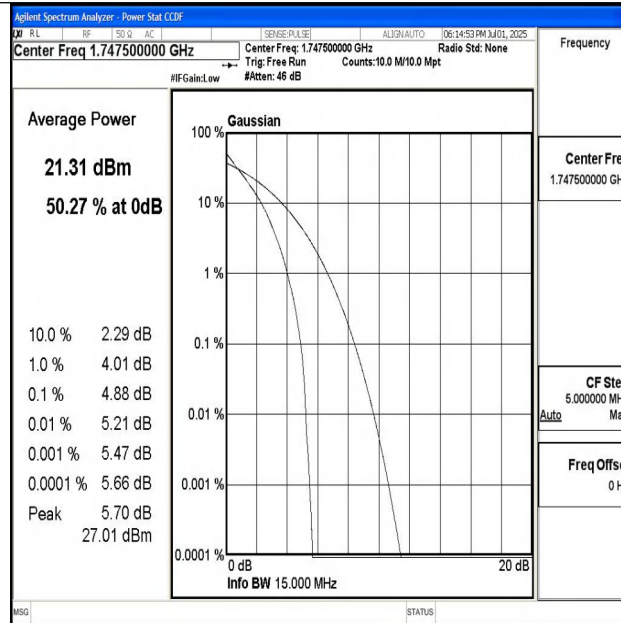
Band4-15MHz-16QAM-20175-75RB#0-PASS



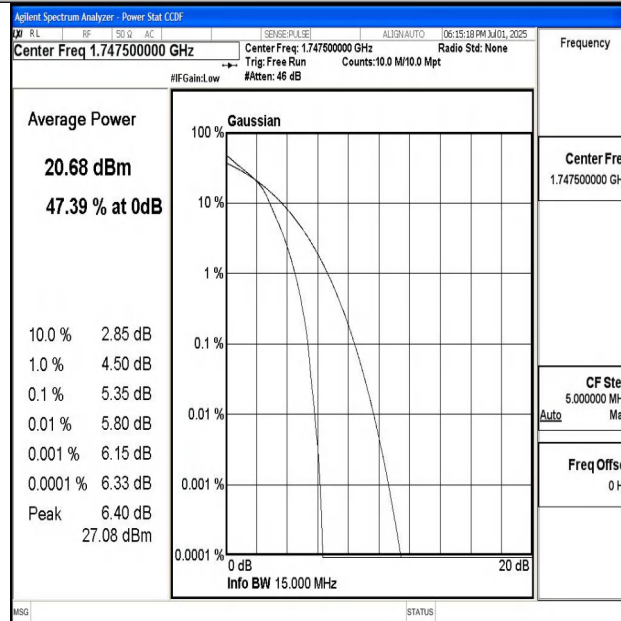
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Band4-15MHz-16QAM-20325-1RB#0-PASS



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



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