



Appendix D: Test Data for CatM1 Band 4

Product Name: IoTgo Track-Solar iot

Test Model: iot

Environmental Conditions

Temperature:	23.8°C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Can Kun
Supervised by:	Nick Peng



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D.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dBm)	Verdict
Band4	1.4MHz	19957	QPSK	1	0	Low	22.61	PASS
Band4	1.4MHz	19957	QPSK	1	5	Low	22.63	PASS
Band4	1.4MHz	19957	QPSK	6	0	Low	20.56	PASS
Band4	1.4MHz	20175	QPSK	1	0	Low	22.79	PASS
Band4	1.4MHz	20175	QPSK	1	5	Low	22.67	PASS
Band4	1.4MHz	20175	QPSK	6	0	Low	20.49	PASS
Band4	1.4MHz	20393	QPSK	1	0	High	22.55	PASS
Band4	1.4MHz	20393	QPSK	1	5	High	22.44	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	20.46	PASS
Band4	1.4MHz	19957	16QAM	1	0	Low	21.82	PASS
Band4	1.4MHz	19957	16QAM	1	5	Low	21.71	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	20.54	PASS
Band4	1.4MHz	20175	16QAM	1	0	Low	21.61	PASS
Band4	1.4MHz	20175	16QAM	1	5	Low	21.42	PASS
Band4	1.4MHz	20175	16QAM	6	0	Low	20.47	PASS
Band4	1.4MHz	20393	16QAM	1	0	High	21.73	PASS
Band4	1.4MHz	20393	16QAM	1	5	High	21.54	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	20.44	PASS
Band4	3MHz	19965	QPSK	1	0	Low	21.45	PASS
Band4	3MHz	19965	QPSK	1	5	Low	21.25	PASS
Band4	3MHz	19965	QPSK	6	0	Low	19.26	PASS
Band4	3MHz	20175	QPSK	1	0	Low	16.82	PASS
Band4	3MHz	20175	QPSK	1	5	Low	16.89	PASS
Band4	3MHz	20175	QPSK	6	0	Low	14.72	PASS
Band4	3MHz	20385	QPSK	1	0	High	18.81	PASS
Band4	3MHz	20385	QPSK	1	5	High	18.47	PASS
Band4	3MHz	20385	QPSK	6	0	High	16.44	PASS
Band4	3MHz	19965	16QAM	1	0	Low	20.54	PASS
Band4	3MHz	19965	16QAM	1	5	Low	20.21	PASS
Band4	3MHz	19965	16QAM	6	0	Low	19.16	PASS
Band4	3MHz	20175	16QAM	1	0	Low	15.87	PASS
Band4	3MHz	20175	16QAM	1	5	Low	15.69	PASS
Band4	3MHz	20175	16QAM	6	0	Low	14.72	PASS
Band4	3MHz	20385	16QAM	1	0	High	17.84	PASS
Band4	3MHz	20385	16QAM	1	5	High	17.44	PASS
Band4	3MHz	20385	16QAM	6	0	High	16.43	PASS



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Band4	5MHz	19975	QPSK	1	0	Low	22.61	PASS
Band4	5MHz	19975	QPSK	1	5	Low	22.44	PASS
Band4	5MHz	19975	QPSK	6	0	Low	21.49	PASS
Band4	5MHz	20175	QPSK	1	0	Low	22.49	PASS
Band4	5MHz	20175	QPSK	1	5	Low	22.27	PASS
Band4	5MHz	20175	QPSK	6	0	Low	21.44	PASS
Band4	5MHz	20375	QPSK	1	0	High	22.81	PASS
Band4	5MHz	20375	QPSK	1	5	High	22.57	PASS
Band4	5MHz	20375	QPSK	6	0	High	21.24	PASS
Band4	5MHz	19975	16QAM	1	0	Low	22.68	PASS
Band4	5MHz	19975	16QAM	1	5	Low	22.38	PASS
Band4	5MHz	19975	16QAM	6	0	Low	21.50	PASS
Band4	5MHz	20175	16QAM	1	0	Low	22.55	PASS
Band4	5MHz	20175	16QAM	1	5	Low	22.30	PASS
Band4	5MHz	20175	16QAM	6	0	Low	21.45	PASS
Band4	5MHz	20375	16QAM	1	0	High	22.40	PASS
Band4	5MHz	20375	16QAM	1	5	High	22.25	PASS
Band4	5MHz	20375	16QAM	6	0	High	21.32	PASS
Band4	10MHz	20000	QPSK	1	0	Low	22.79	PASS
Band4	10MHz	20000	QPSK	1	5	Low	22.58	PASS
Band4	10MHz	20000	QPSK	6	0	Low	21.36	PASS
Band4	10MHz	20175	QPSK	1	0	Low	22.51	PASS
Band4	10MHz	20175	QPSK	1	5	Low	22.41	PASS
Band4	10MHz	20175	QPSK	6	0	Low	21.43	PASS
Band4	10MHz	20350	QPSK	1	0	High	22.34	PASS
Band4	10MHz	20350	QPSK	1	5	High	22.11	PASS
Band4	10MHz	20350	QPSK	6	0	High	21.23	PASS
Band4	10MHz	20000	16QAM	1	0	Low	22.51	PASS
Band4	10MHz	20000	16QAM	1	5	Low	22.33	PASS
Band4	10MHz	20000	16QAM	6	0	Low	21.41	PASS
Band4	10MHz	20175	16QAM	1	0	Low	22.55	PASS
Band4	10MHz	20175	16QAM	1	5	Low	22.49	PASS
Band4	10MHz	20175	16QAM	6	0	Low	21.42	PASS
Band4	10MHz	20350	16QAM	1	0	High	22.32	PASS
Band4	10MHz	20350	16QAM	1	5	High	22.22	PASS
Band4	10MHz	20350	16QAM	6	0	High	21.23	PASS
Band4	15MHz	20025	QPSK	1	0	Low	22.97	PASS
Band4	15MHz	20025	QPSK	1	5	Low	22.62	PASS
Band4	15MHz	20025	QPSK	6	0	Low	22.37	PASS
Band4	15MHz	20175	QPSK	1	0	Low	22.68	PASS
Band4	15MHz	20175	QPSK	1	5	Low	22.62	PASS
Band4	15MHz	20175	QPSK	6	0	Low	22.47	PASS



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Band4	15MHz	20325	QPSK	1	0	High	22.43	PASS
Band4	15MHz	20325	QPSK	1	5	High	22.23	PASS
Band4	15MHz	20325	QPSK	6	0	High	22.21	PASS
Band4	15MHz	20025	16QAM	1	0	Low	22.53	PASS
Band4	15MHz	20025	16QAM	1	5	Low	22.45	PASS
Band4	15MHz	20025	16QAM	6	0	Low	22.44	PASS
Band4	15MHz	20175	16QAM	1	0	Low	22.56	PASS
Band4	15MHz	20175	16QAM	1	5	Low	22.43	PASS
Band4	15MHz	20175	16QAM	6	0	Low	22.49	PASS
Band4	15MHz	20325	16QAM	1	0	High	22.42	PASS
Band4	15MHz	20325	16QAM	1	5	High	22.26	PASS
Band4	15MHz	20325	16QAM	6	0	High	22.20	PASS
Band4	20MHz	20050	QPSK	1	0	Low	22.92	PASS
Band4	20MHz	20050	QPSK	1	5	Low	22.58	PASS
Band4	20MHz	20050	QPSK	6	0	Low	22.32	PASS
Band4	20MHz	20175	QPSK	1	0	Low	22.48	PASS
Band4	20MHz	20175	QPSK	1	5	Low	22.40	PASS
Band4	20MHz	20175	QPSK	6	0	Low	22.47	PASS
Band4	20MHz	20300	QPSK	1	0	High	22.45	PASS
Band4	20MHz	20300	QPSK	1	5	High	22.14	PASS
Band4	20MHz	20300	QPSK	6	0	High	22.22	PASS
Band4	20MHz	20050	16QAM	1	0	Low	22.49	PASS
Band4	20MHz	20050	16QAM	1	5	Low	22.41	PASS
Band4	20MHz	20050	16QAM	6	0	Low	22.33	PASS
Band4	20MHz	20175	16QAM	1	0	Low	22.54	PASS
Band4	20MHz	20175	16QAM	1	5	Low	22.35	PASS
Band4	20MHz	20175	16QAM	6	0	Low	22.28	PASS
Band4	20MHz	20300	16QAM	1	0	High	22.37	PASS
Band4	20MHz	20300	16QAM	1	5	High	22.27	PASS
Band4	20MHz	20300	16QAM	6	0	High	22.21	PASS



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D.2 Peak-to-Average Ratio(CCDF) for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	19957	QPSK	1	0	Low	9.53	<=13	PASS
Band4	1.4MHz	19957	QPSK	6	0	Low	10.07	<=13	PASS
Band4	1.4MHz	20175	QPSK	1	0	Low	9.75	<=13	PASS
Band4	1.4MHz	20175	QPSK	6	0	Low	10.73	<=13	PASS
Band4	1.4MHz	20393	QPSK	1	0	High	9.08	<=13	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	8.69	<=13	PASS
Band4	1.4MHz	19957	16QAM	1	0	Low	10.31	<=13	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	10.13	<=13	PASS
Band4	1.4MHz	20175	16QAM	1	0	Low	9.07	<=13	PASS
Band4	1.4MHz	20175	16QAM	6	0	Low	10.03	<=13	PASS
Band4	1.4MHz	20393	16QAM	1	0	High	9.73	<=13	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	10.47	<=13	PASS
Band4	3MHz	19965	QPSK	1	0	Low	10.76	<=13	PASS
Band4	3MHz	19965	QPSK	6	0	Low	6.98	<=13	PASS
Band4	3MHz	20175	QPSK	1	0	Low	8.36	<=13	PASS
Band4	3MHz	20175	QPSK	6	0	Low	10.82	<=13	PASS
Band4	3MHz	20385	QPSK	1	0	High	10.37	<=13	PASS
Band4	3MHz	20385	QPSK	6	0	High	9.92	<=13	PASS
Band4	3MHz	19965	16QAM	1	0	Low	8.02	<=13	PASS
Band4	3MHz	19965	16QAM	6	0	Low	10.37	<=13	PASS
Band4	3MHz	20175	16QAM	1	0	Low	8.84	<=13	PASS
Band4	3MHz	20175	16QAM	6	0	Low	8.55	<=13	PASS
Band4	3MHz	20385	16QAM	1	0	High	8.79	<=13	PASS
Band4	3MHz	20385	16QAM	6	0	High	10.34	<=13	PASS
Band4	5MHz	19975	QPSK	1	0	Low	7.99	<=13	PASS
Band4	5MHz	19975	QPSK	6	0	Low	9.93	<=13	PASS
Band4	5MHz	20175	QPSK	1	0	Low	9.89	<=13	PASS
Band4	5MHz	20175	QPSK	6	0	Low	9.13	<=13	PASS
Band4	5MHz	20375	QPSK	1	0	High	8.52	<=13	PASS
Band4	5MHz	20375	QPSK	6	0	High	9.39	<=13	PASS
Band4	5MHz	19975	16QAM	1	0	Low	10.04	<=13	PASS
Band4	5MHz	19975	16QAM	6	0	Low	10.43	<=13	PASS
Band4	5MHz	20175	16QAM	1	0	Low	10.00	<=13	PASS
Band4	5MHz	20175	16QAM	6	0	Low	9.73	<=13	PASS
Band4	5MHz	20375	16QAM	1	0	High	8.48	<=13	PASS
Band4	5MHz	20375	16QAM	6	0	High	8.99	<=13	PASS



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Band4	10MHz	20000	QPSK	1	0	Low	6.23	<=13	PASS
Band4	10MHz	20000	QPSK	6	0	Low	8.91	<=13	PASS
Band4	10MHz	20175	QPSK	1	0	Low	8.55	<=13	PASS
Band4	10MHz	20175	QPSK	6	0	Low	9.01	<=13	PASS
Band4	10MHz	20350	QPSK	1	0	High	7.83	<=13	PASS
Band4	10MHz	20350	QPSK	6	0	High	9.88	<=13	PASS
Band4	10MHz	20000	16QAM	1	0	Low	9.81	<=13	PASS
Band4	10MHz	20000	16QAM	6	0	Low	9.71	<=13	PASS
Band4	10MHz	20175	16QAM	1	0	Low	7.69	<=13	PASS
Band4	10MHz	20175	16QAM	6	0	Low	9.66	<=13	PASS
Band4	10MHz	20350	16QAM	1	0	High	10.61	<=13	PASS
Band4	10MHz	20350	16QAM	6	0	High	7.14	<=13	PASS
Band4	15MHz	20025	QPSK	1	0	Low	9.48	<=13	PASS
Band4	15MHz	20025	QPSK	6	0	Low	9.18	<=13	PASS
Band4	15MHz	20175	QPSK	1	0	Low	8.57	<=13	PASS
Band4	15MHz	20175	QPSK	6	0	Low	8.96	<=13	PASS
Band4	15MHz	20325	QPSK	1	0	High	9.83	<=13	PASS
Band4	15MHz	20325	QPSK	6	0	High	9.80	<=13	PASS
Band4	15MHz	20025	16QAM	1	0	Low	8.46	<=13	PASS
Band4	15MHz	20025	16QAM	6	0	Low	8.77	<=13	PASS
Band4	15MHz	20175	16QAM	1	0	Low	9.29	<=13	PASS
Band4	15MHz	20175	16QAM	6	0	Low	9.27	<=13	PASS
Band4	15MHz	20325	16QAM	1	0	High	10.09	<=13	PASS
Band4	15MHz	20325	16QAM	6	0	High	9.06	<=13	PASS
Band4	20MHz	20050	QPSK	1	0	Low	8.52	<=13	PASS
Band4	20MHz	20050	QPSK	6	0	Low	9.40	<=13	PASS
Band4	20MHz	20175	QPSK	1	0	Low	9.81	<=13	PASS
Band4	20MHz	20175	QPSK	6	0	Low	11.03	<=13	PASS
Band4	20MHz	20300	QPSK	1	0	High	9.16	<=13	PASS
Band4	20MHz	20300	QPSK	6	0	High	8.26	<=13	PASS
Band4	20MHz	20050	16QAM	1	0	Low	9.45	<=13	PASS
Band4	20MHz	20050	16QAM	6	0	Low	11.46	<=13	PASS
Band4	20MHz	20175	16QAM	1	0	Low	9.93	<=13	PASS
Band4	20MHz	20175	16QAM	6	0	Low	9.92	<=13	PASS
Band4	20MHz	20300	16QAM	1	0	High	7.50	<=13	PASS
Band4	20MHz	20300	16QAM	6	0	High	7.47	<=13	PASS



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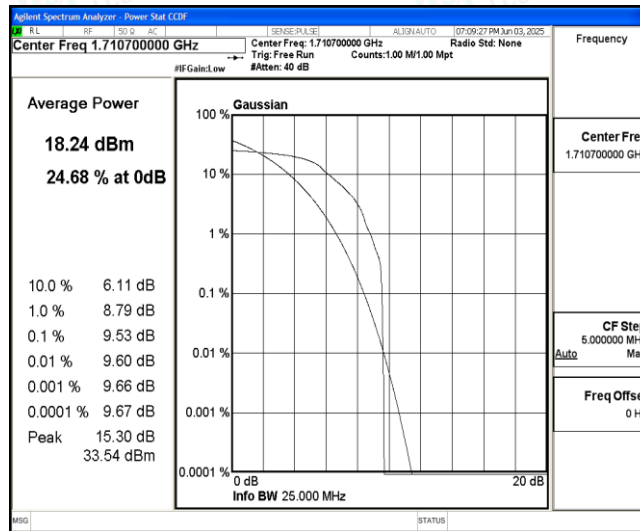
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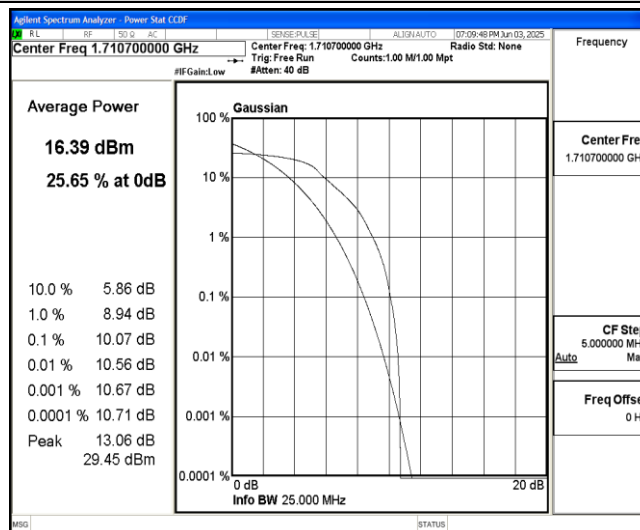
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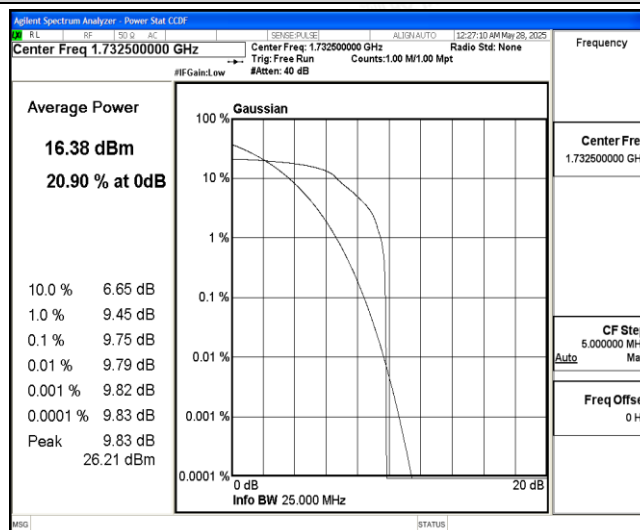
Test Graphs



Band4-1.4MHz-QPSK-19957-1-0-Low-9.53-<=13-PASS



Band4-1.4MHz-QPSK-19957-6-0-Low-10.07-<=13-PASS



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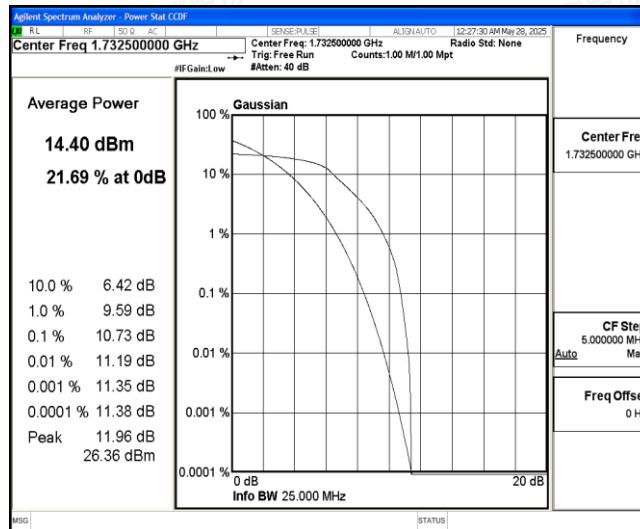
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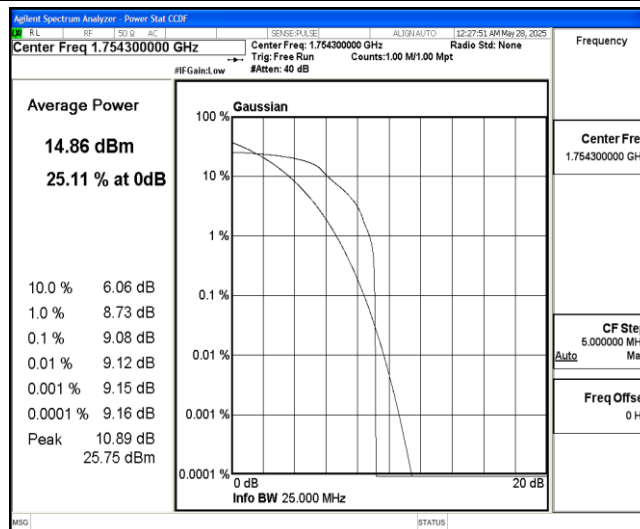
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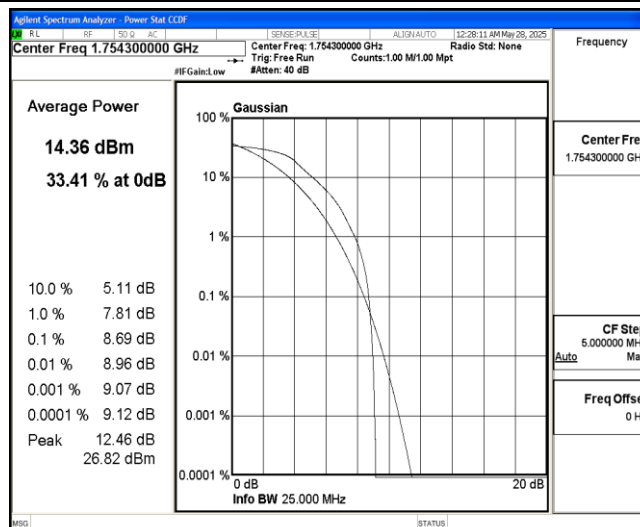
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Band4-1.4MHz-QPSK-20175-6-0-Low-10.73-<=13-PASS



Band4-1.4MHz-QPSK-20393-1-0-High-9.08-<=13-PASS



Band4-1.4MHz-QPSK-20393-6-0-High-8.69-<=13-PASS

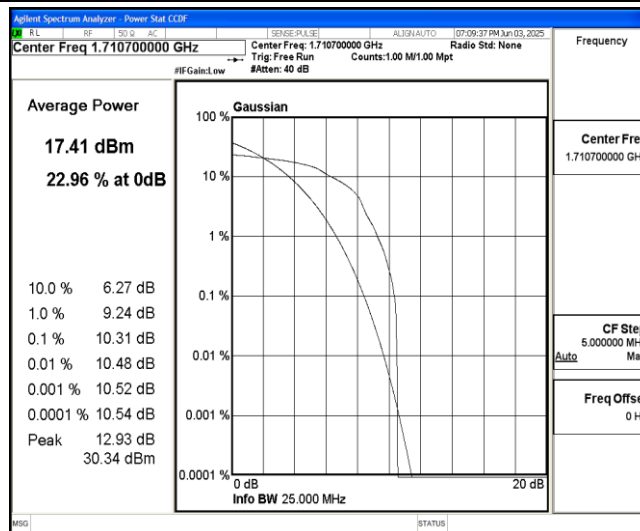


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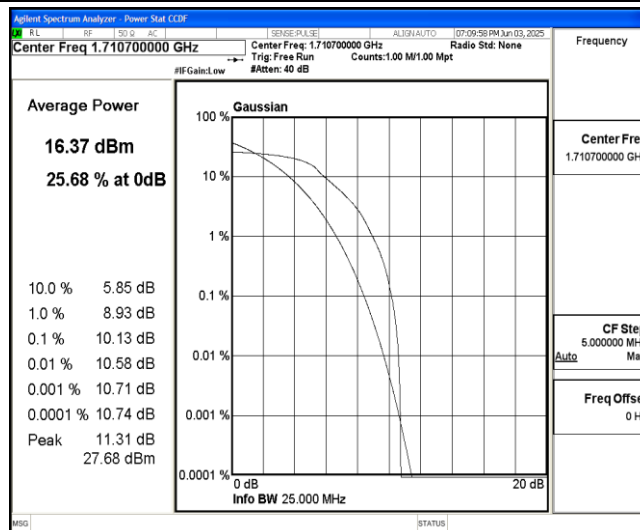
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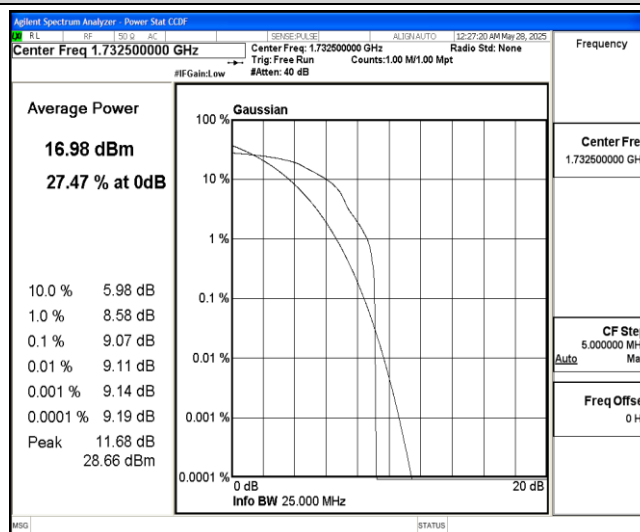
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Band4-1.4MHz-16QAM-19957-1-0-Low-10.31-<=13-PASS



Band4-1.4MHz-16QAM-19957-6-0-Low-10.13-<=13-PASS



Band4-1.4MHz-16QAM-20175-1-0-Low-9.07-<=13-PASS

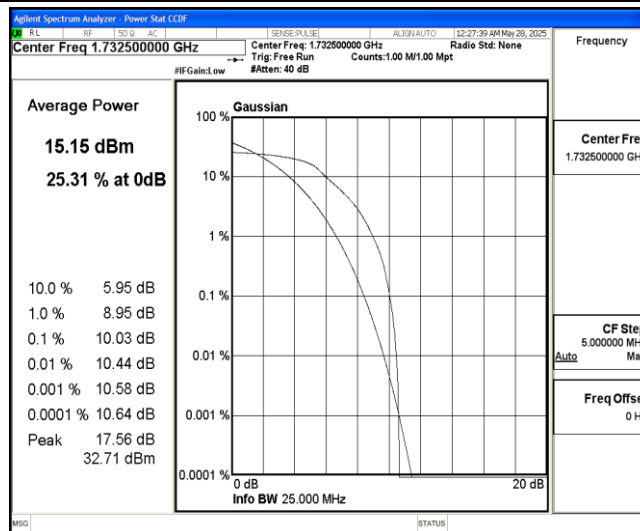


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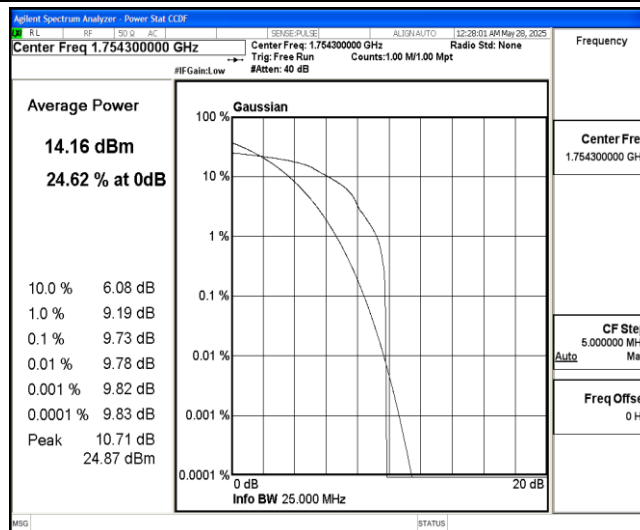
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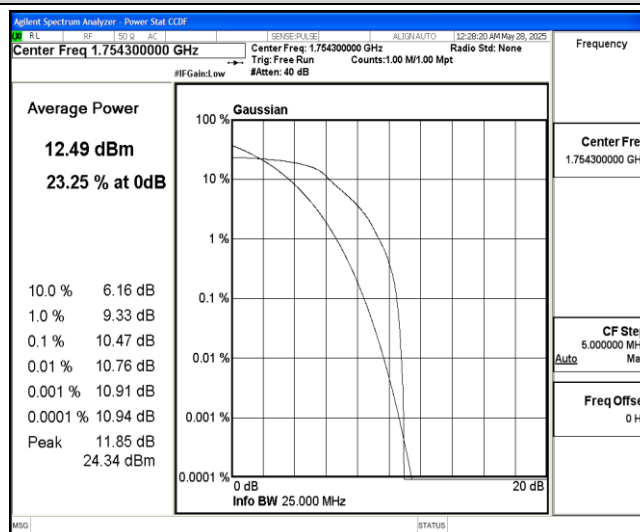
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Band4-1.4MHz-16QAM-20175-6-0-Low-10.03-<=13-PASS



Band4-1.4MHz-16QAM-20393-1-0-High-9.73-<=13-PASS



Band4-1.4MHz-16QAM-20393-6-0-High-10.47-<=13-PASS

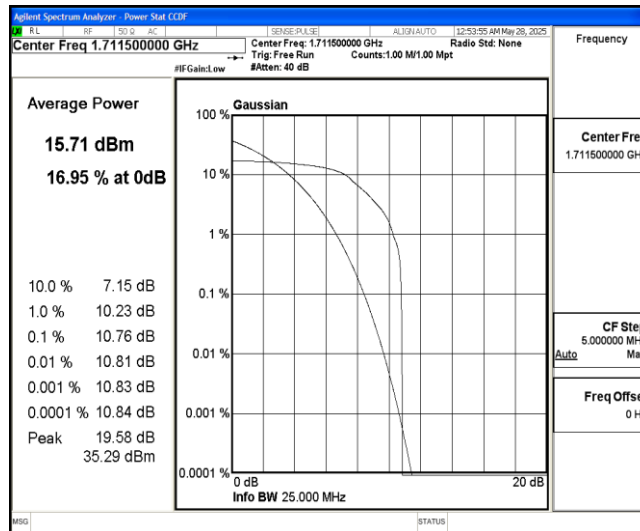


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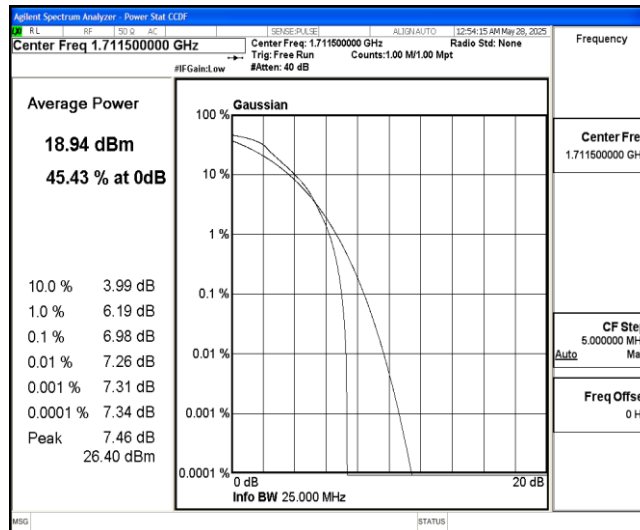
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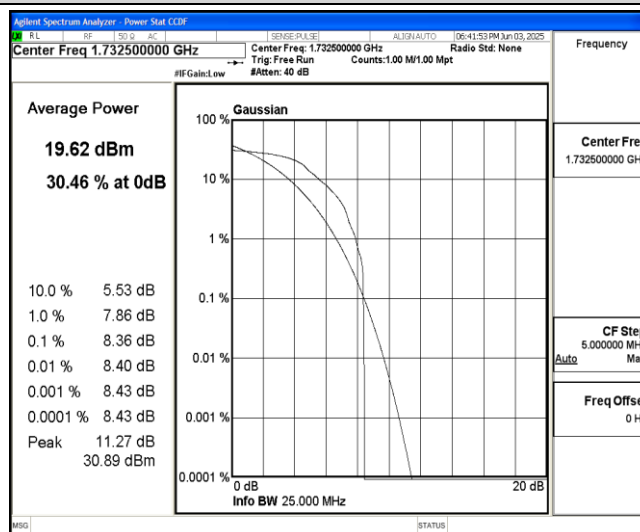
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Band4-3MHz-QPSK-19965-1-0-Low-10.76-<=13-PASS



Band4-3MHz-QPSK-19965-6-0-Low-6.98-<=13-PASS



Band4-3MHz-QPSK-20175-1-0-Low-8.36-<=13-PASS

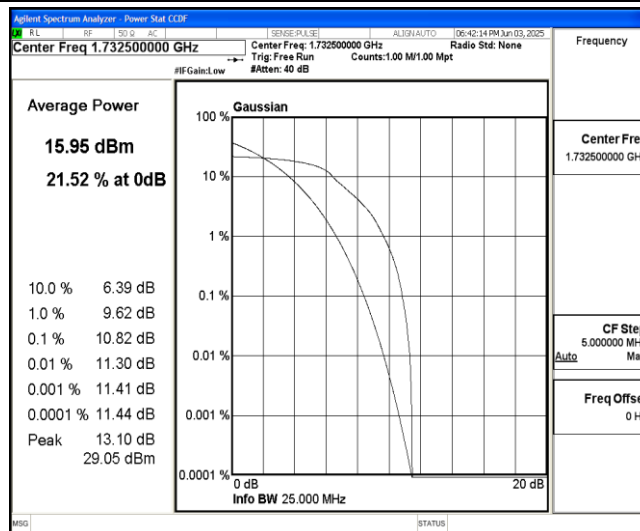


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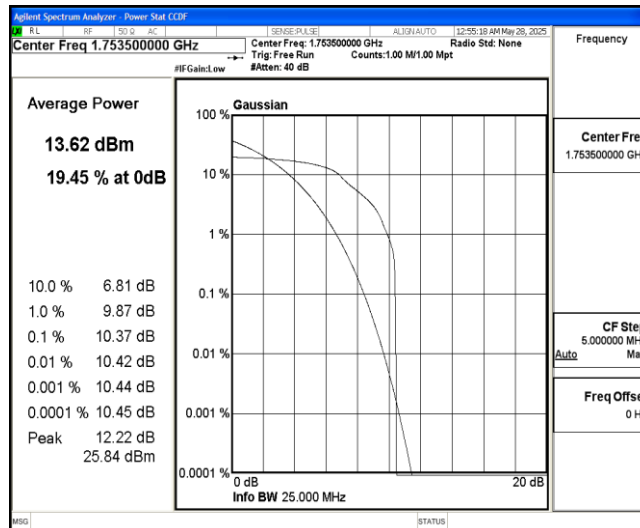
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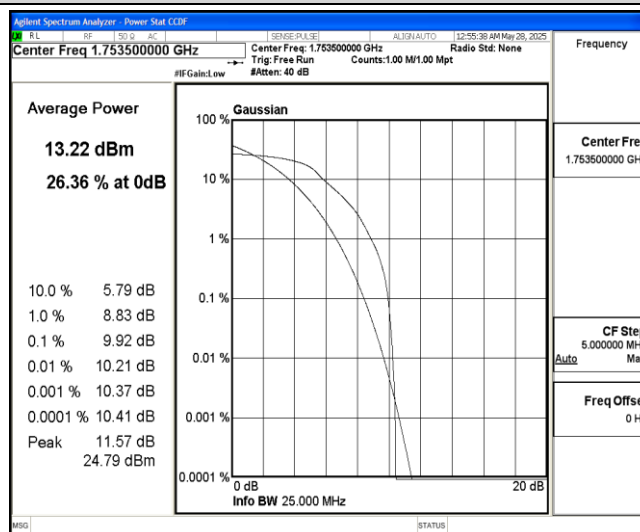
Scan code to check authenticity



Band4-3MHz-QPSK-20175-6-0-Low-10.82-<=13-PASS



Band4-3MHz-QPSK-20385-1-0-High-10.37-<=13-PASS



Band4-3MHz-QPSK-20385-6-0-High-9.92-<=13-PASS

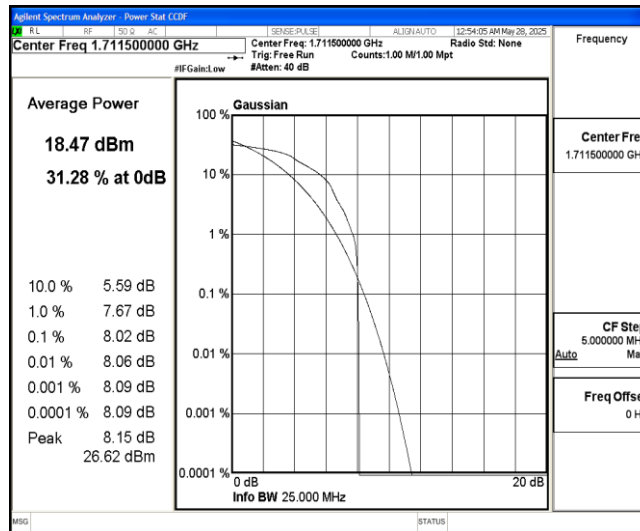


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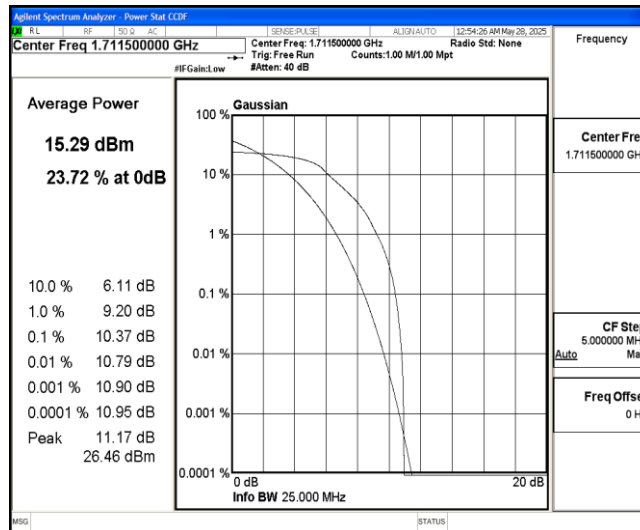
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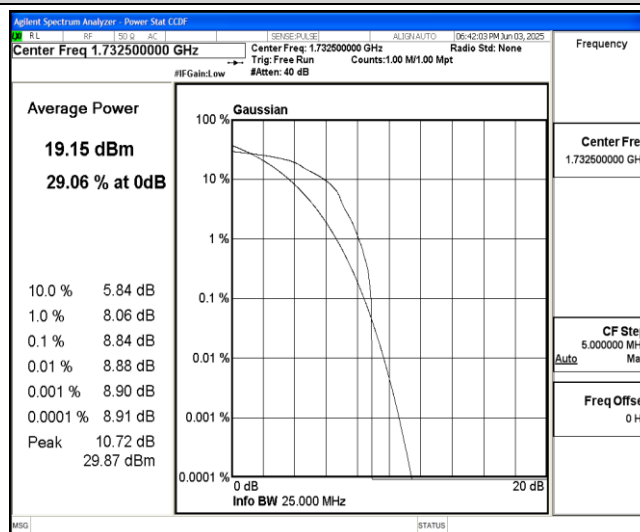
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Band4-3MHz-16QAM-19965-1-0-Low-8.02-<=13-PASS



Band4-3MHz-16QAM-19965-6-0-Low-10.37-<=13-PASS



Band4-3MHz-16QAM-20175-1-0-Low-8.84-<=13-PASS

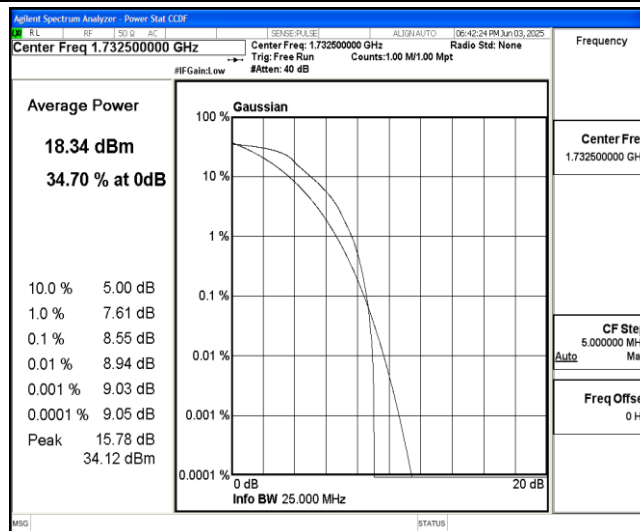


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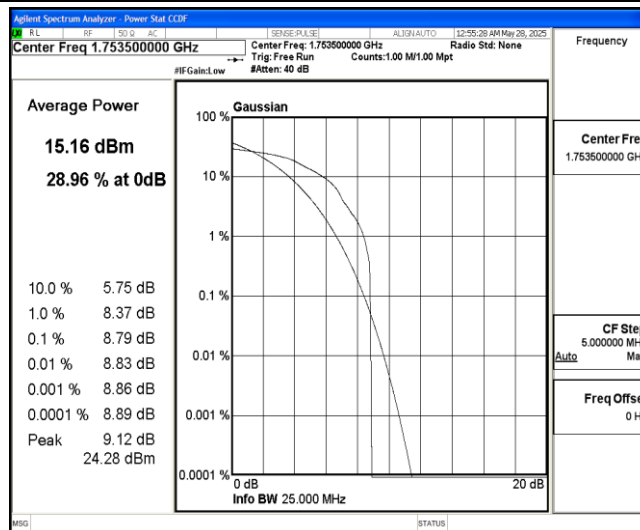
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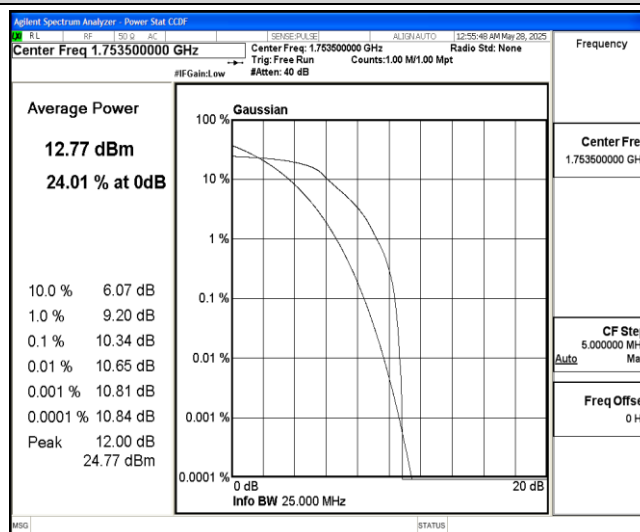
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Band4-3MHz-16QAM-20175-6-0-Low-8.55-<=13-PASS



Band4-3MHz-16QAM-20385-1-0-High-8.79-<=13-PASS



Band4-3MHz-16QAM-20385-6-0-High-10.34-<=13-PASS

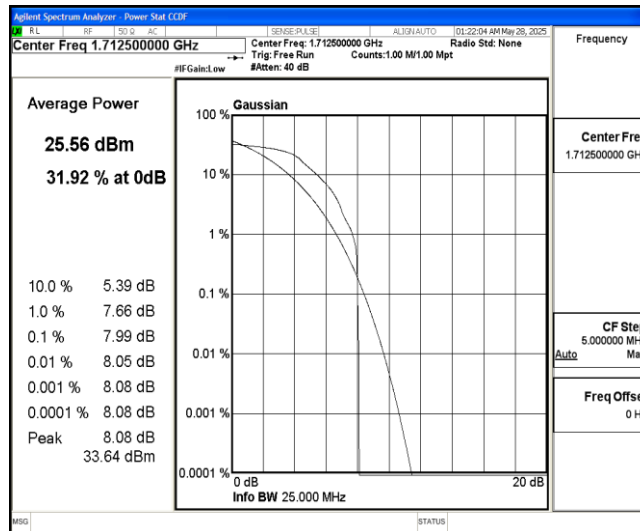


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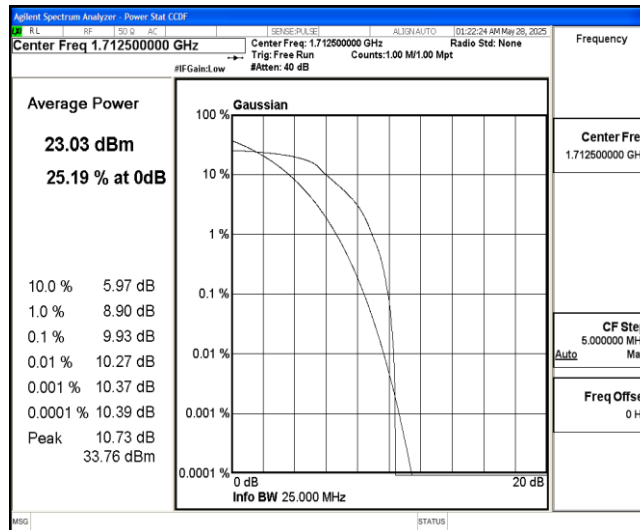
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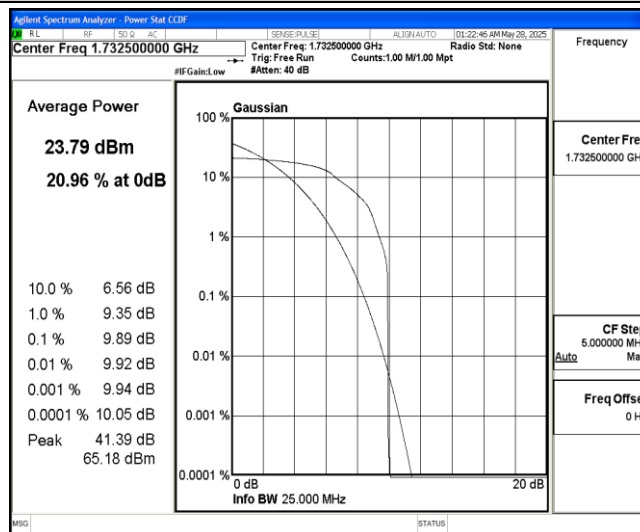
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Band4-5MHz-QPSK-19975-1-0-Low-7.99-<=13-PASS



Band4-5MHz-QPSK-19975-6-0-Low-9.93-<=13-PASS



Band4-5MHz-QPSK-20175-1-0-Low-9.89-<=13-PASS

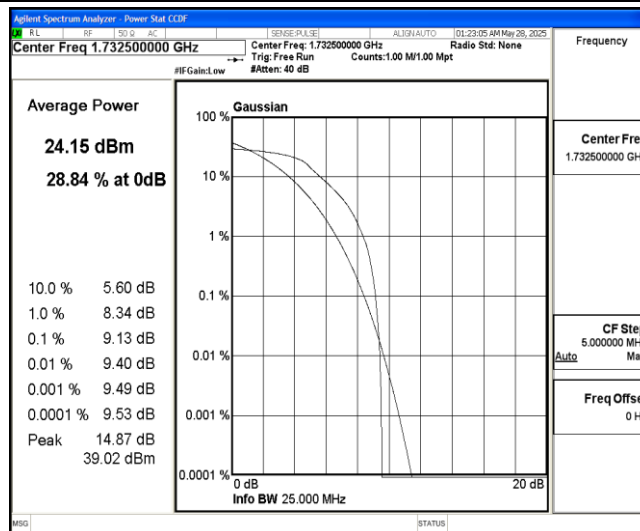


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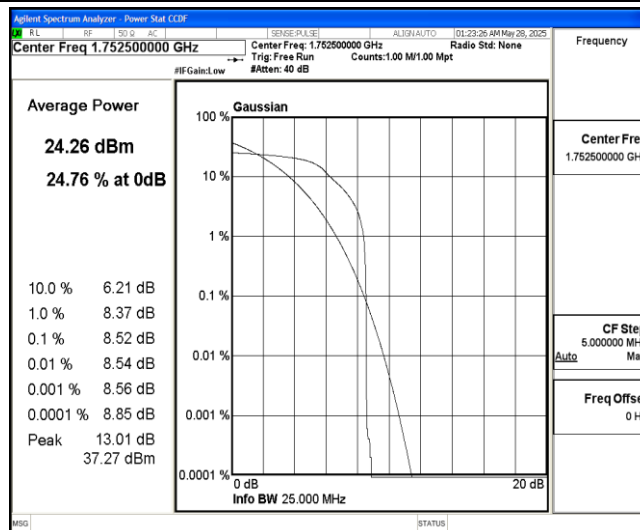
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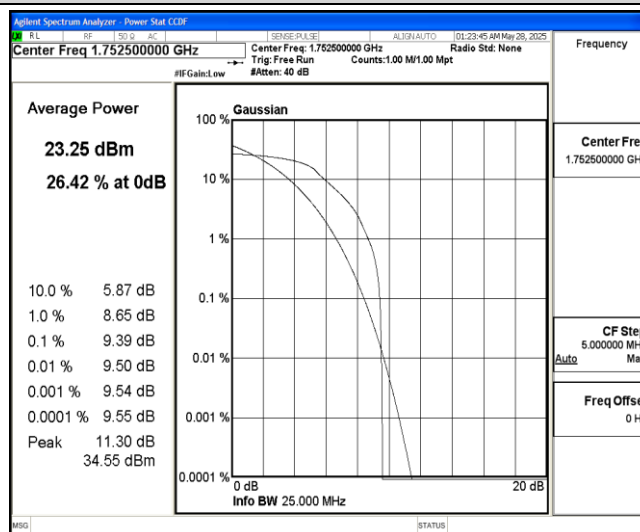
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Band4-5MHz-QPSK-20175-6-0-Low-9.13-<=13-PASS



Band4-5MHz-QPSK-20375-1-0-High-8.52-<=13-PASS



Band4-5MHz-QPSK-20375-6-0-High-9.39-<=13-PASS

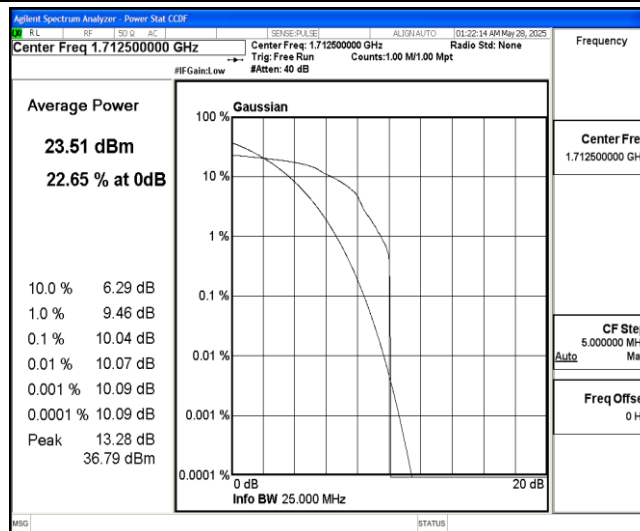


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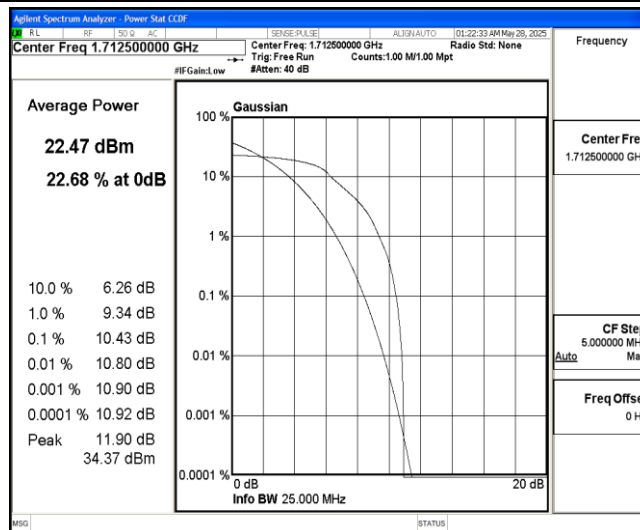
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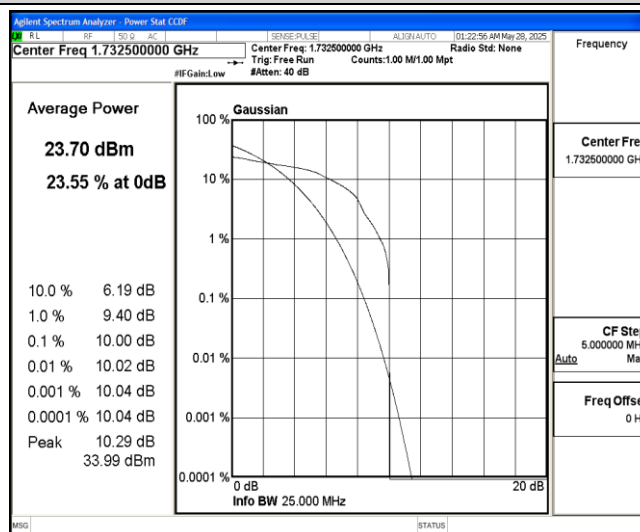
Scan code to check authenticity



Band4-5MHz-16QAM-19975-1-0-Low-10.04-<=13-PASS



Band4-5MHz-16QAM-19975-6-0-Low-10.43-<=13-PASS



Band4-5MHz-16QAM-20175-1-0-Low-10.00-<=13-PASS

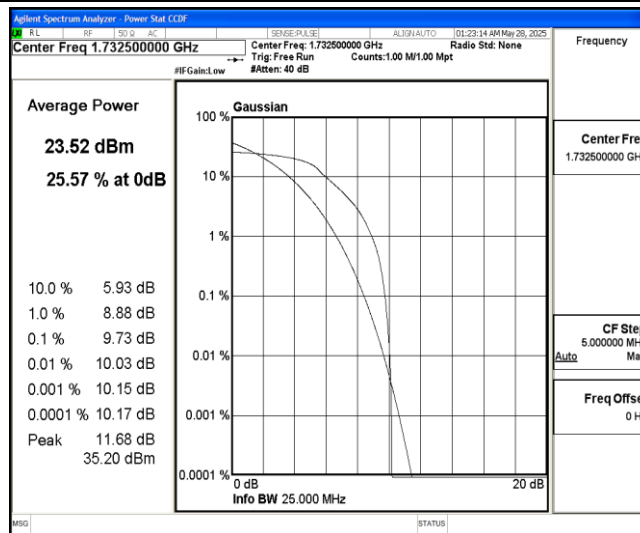


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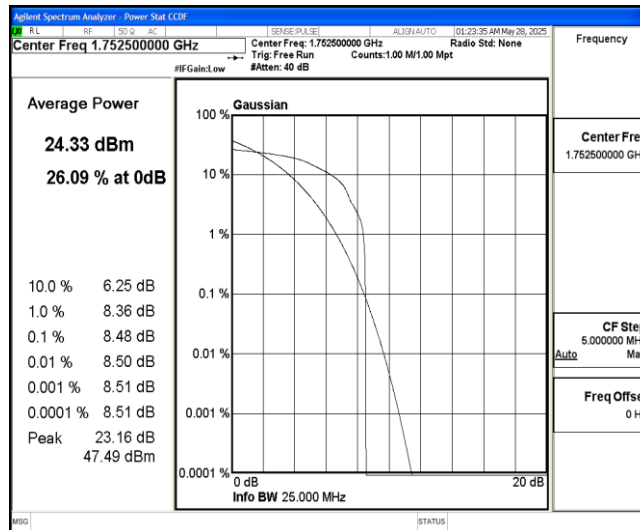
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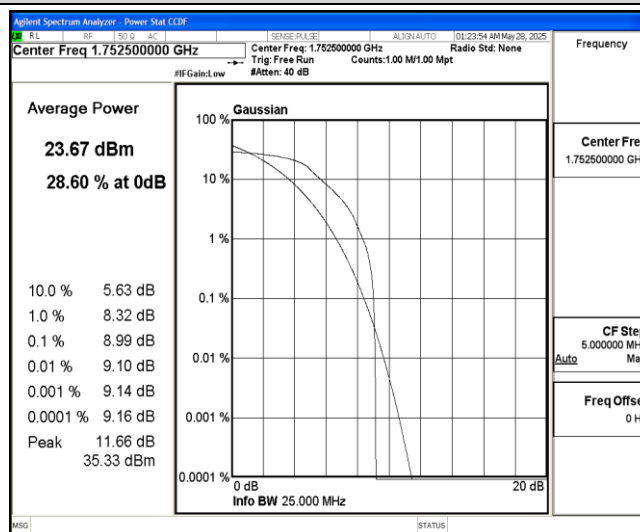
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Band4-5MHz-16QAM-20175-6-0-Low-9.73-<=13-PASS



Band4-5MHz-16QAM-20375-1-0-High-8.48-<=13-PASS



Band4-5MHz-16QAM-20375-6-0-High-8.99-<=13-PASS

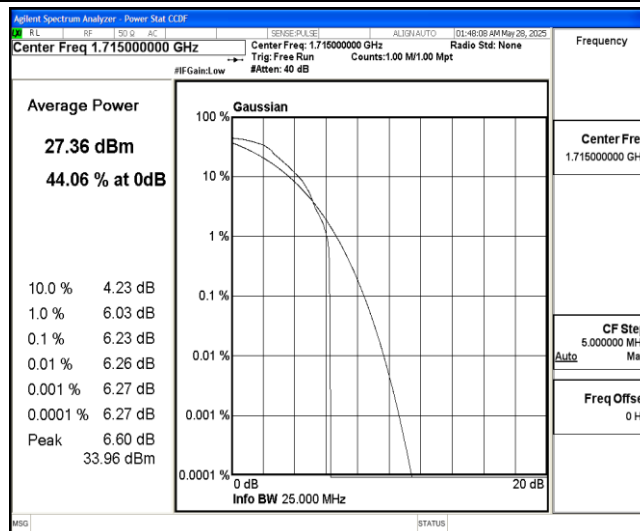


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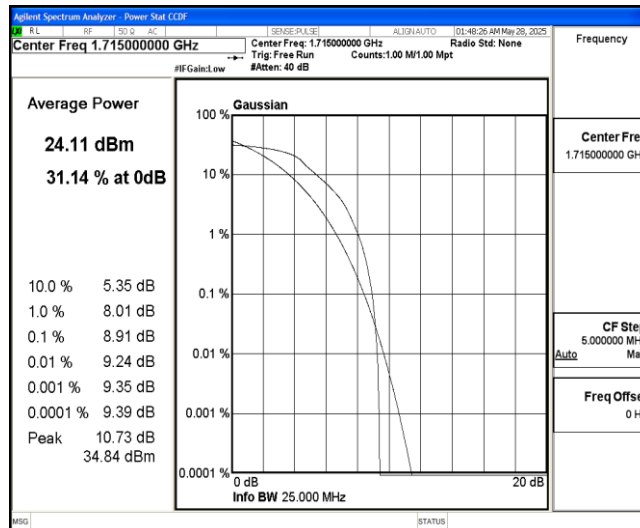
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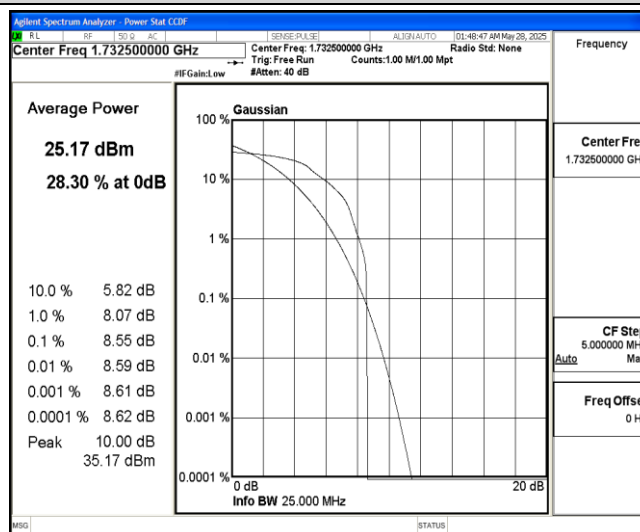
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Band4-10MHz-QPSK-20000-1-0-Low-6.23-<=13-PASS



Band4-10MHz-QPSK-20000-6-0-Low-8.91-<=13-PASS



Band4-10MHz-QPSK-20175-1-0-Low-8.55-<=13-PASS

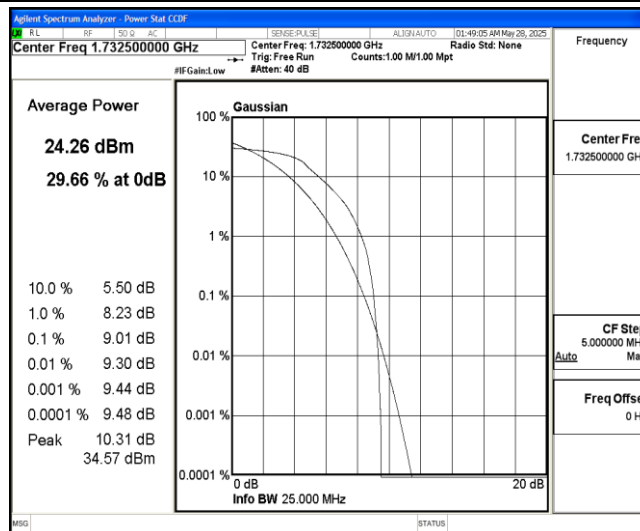


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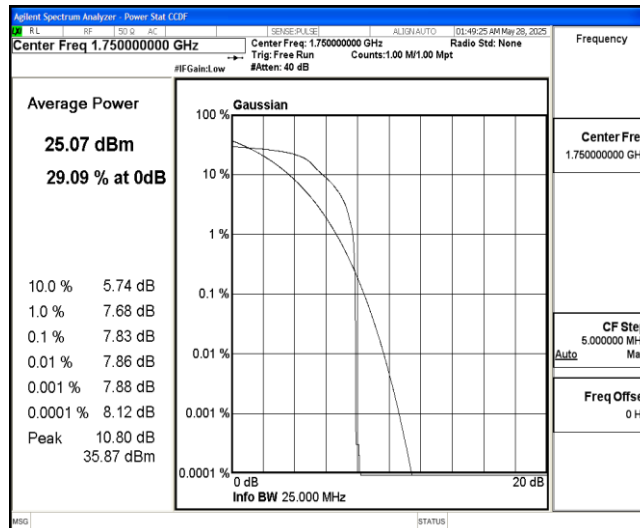
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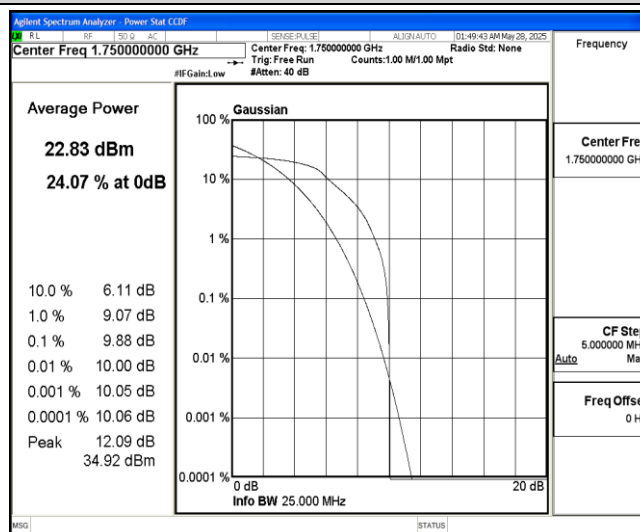
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Band4-10MHz-QPSK-20175-6-0-Low-9.01-<=13-PASS



Band4-10MHz-QPSK-20350-1-0-High-7.83-<=13-PASS



Band4-10MHz-QPSK-20350-6-0-High-9.88-<=13-PASS

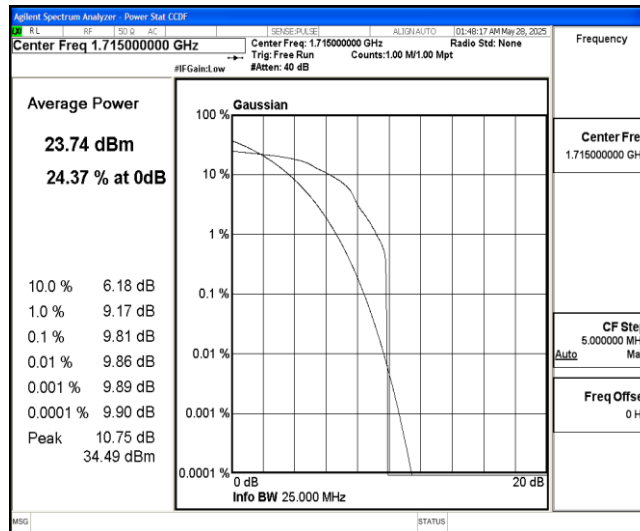


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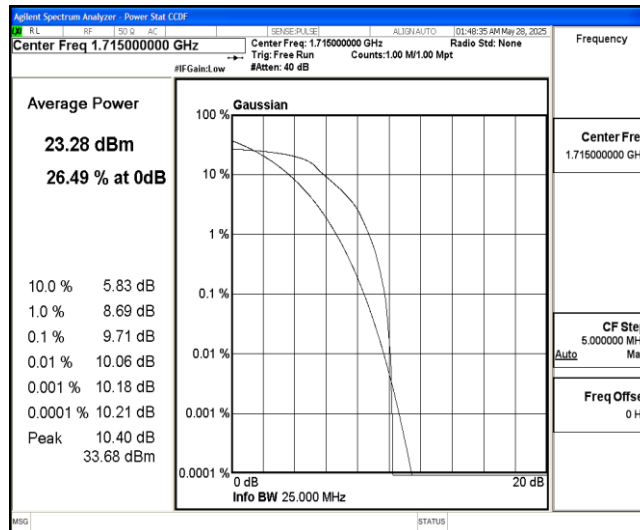
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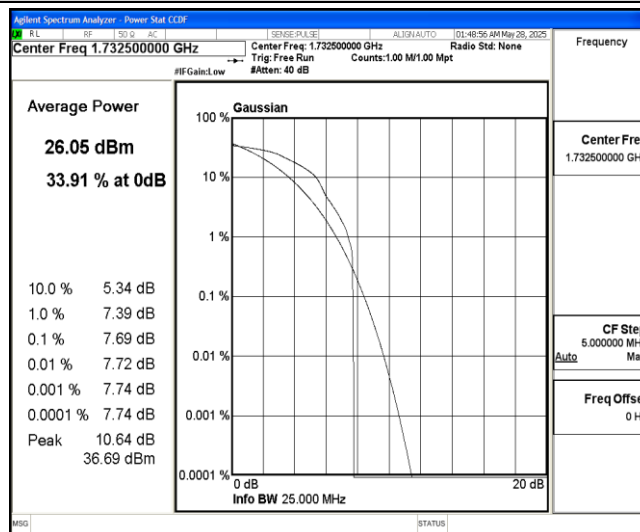
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Band4-10MHz-16QAM-20000-1-0-Low-9.81-<=13-PASS



Band4-10MHz-16QAM-20000-6-0-Low-9.71-<=13-PASS



Band4-10MHz-16QAM-20175-1-0-Low-7.69-<=13-PASS

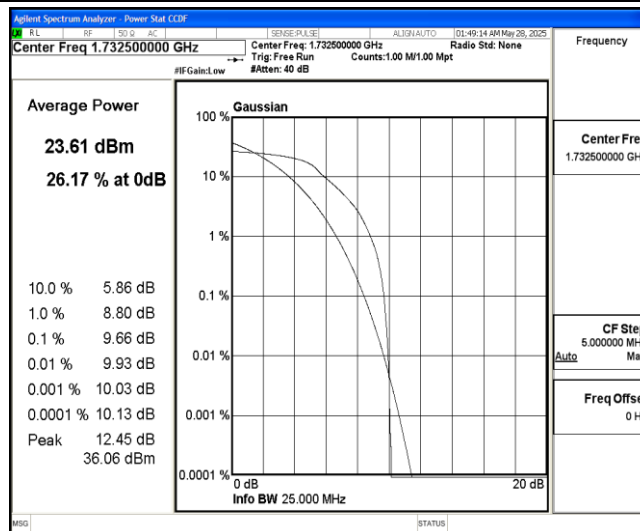


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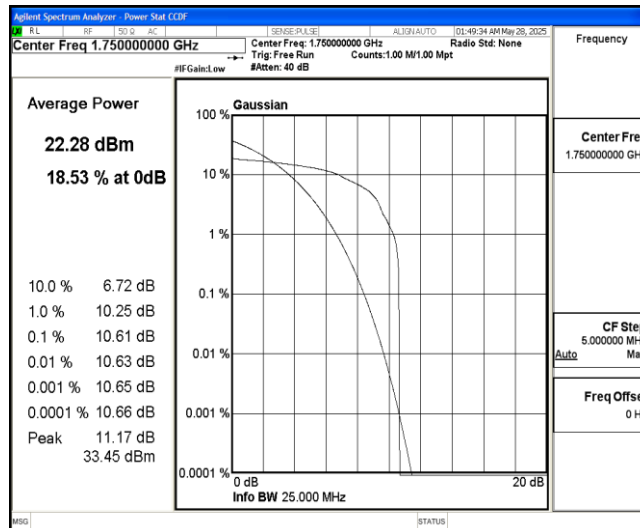
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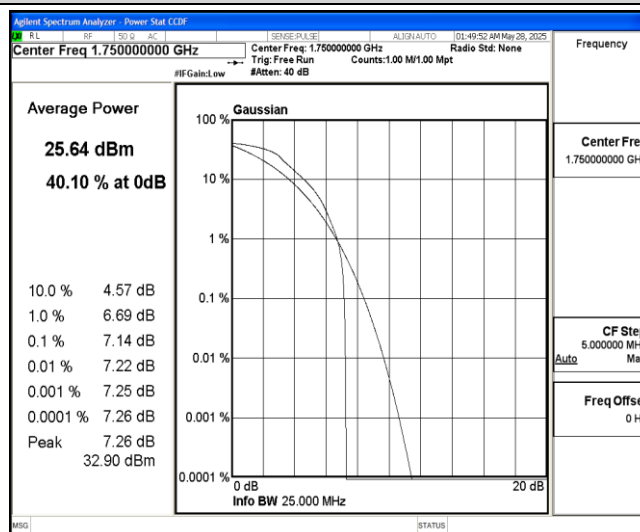
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Band4-10MHz-16QAM-20175-6-0-Low-9.66-<=13-PASS



Band4-10MHz-16QAM-20350-1-0-High-10.61-<=13-PASS



Band4-10MHz-16QAM-20350-6-0-High-7.14-<=13-PASS

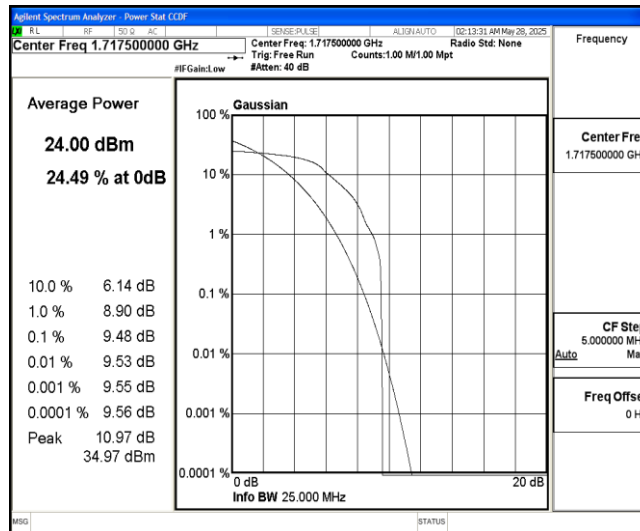


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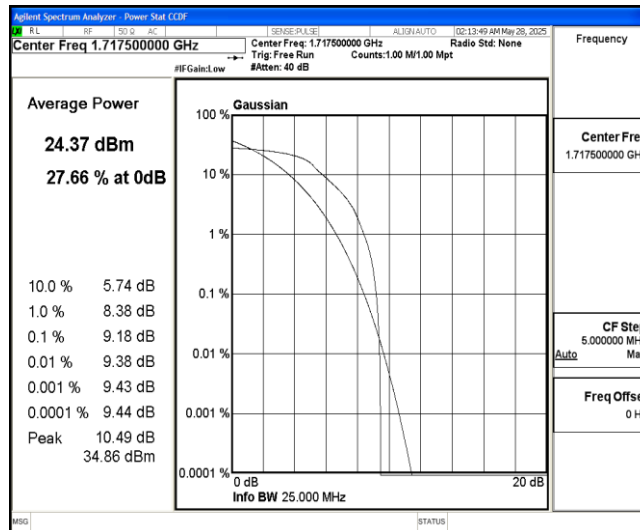
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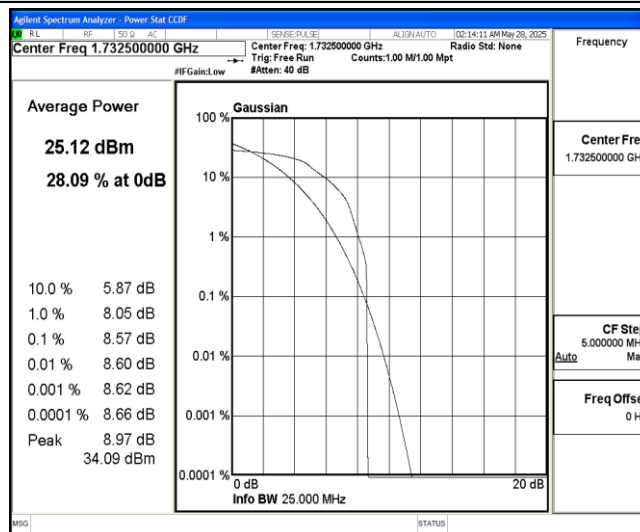
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Band4-15MHz-QPSK-20025-1-0-Low-9.48-<=13-PASS



Band4-15MHz-QPSK-20025-6-0-Low-9.18-<=13-PASS



Band4-15MHz-QPSK-20175-1-0-Low-8.57-<=13-PASS

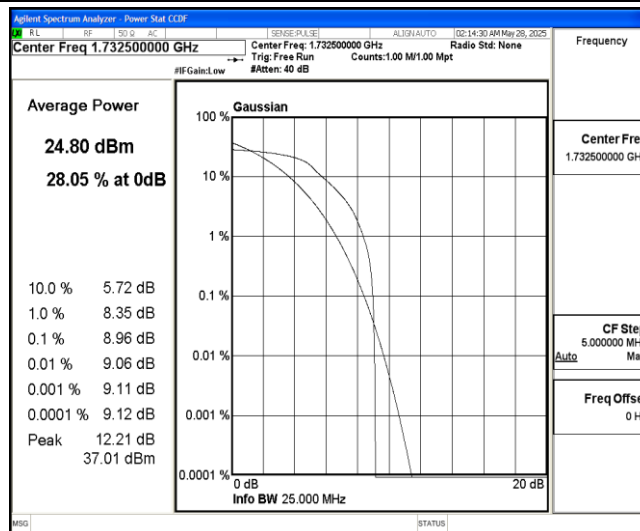


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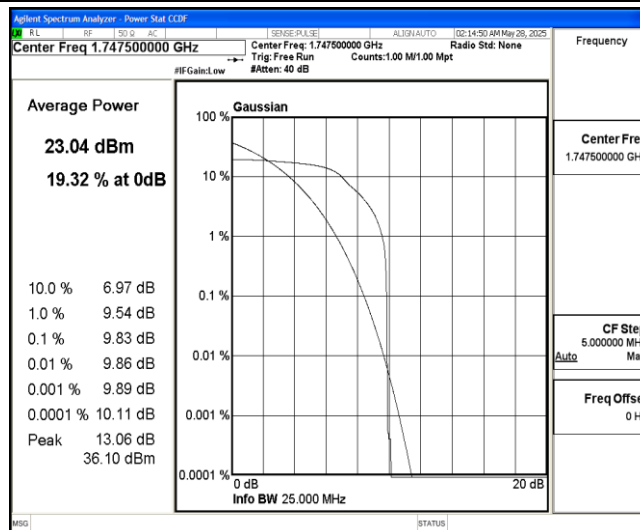
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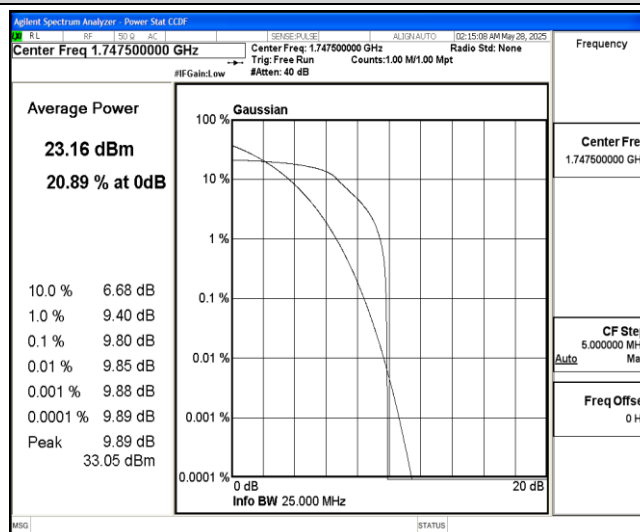
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Band4-15MHz-QPSK-20175-6-0-Low-8.96-<=13-PASS



Band4-15MHz-QPSK-20325-1-0-High-9.83-<=13-PASS



Band4-15MHz-QPSK-20325-6-0-High-9.80-<=13-PASS

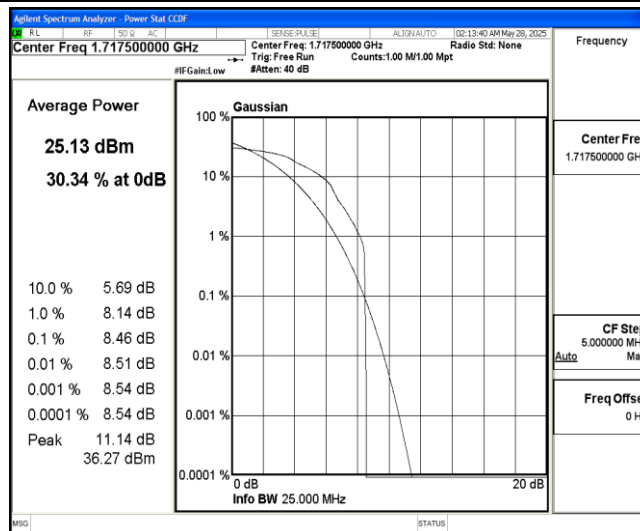


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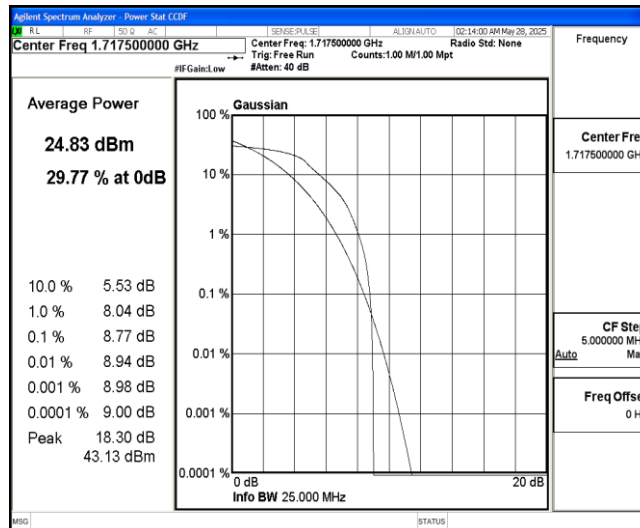
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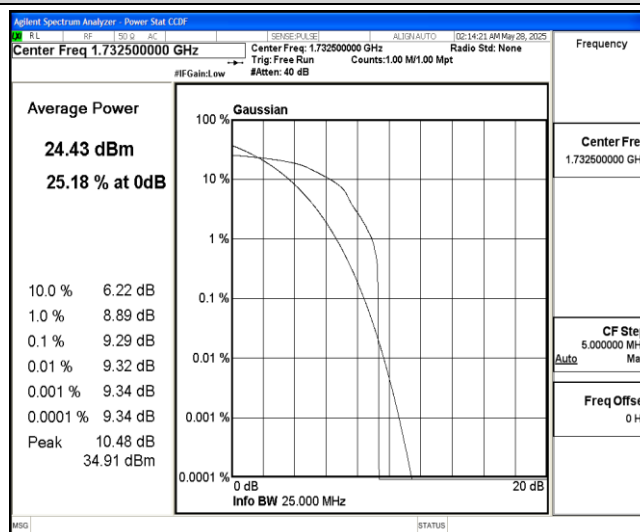
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Band4-15MHz-16QAM-20025-1-0-Low-8.46-<=13-PASS



Band4-15MHz-16QAM-20025-6-0-Low-8.77-<=13-PASS



Band4-15MHz-16QAM-20175-1-0-Low-9.29-<=13-PASS

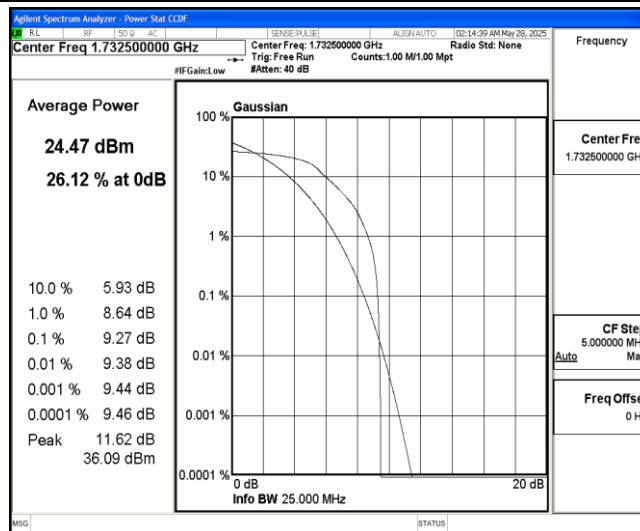


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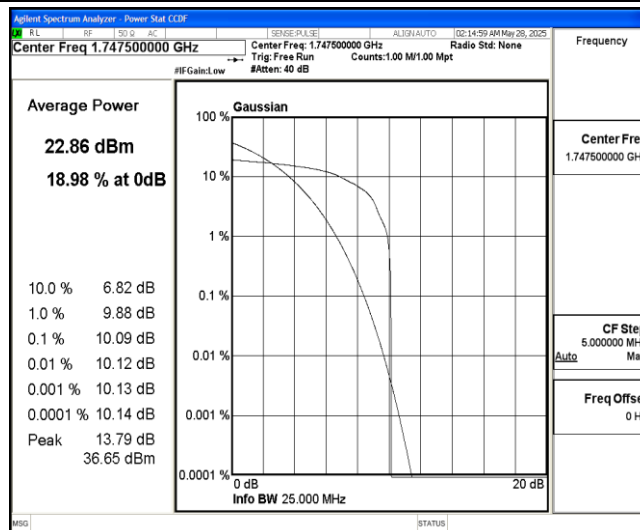
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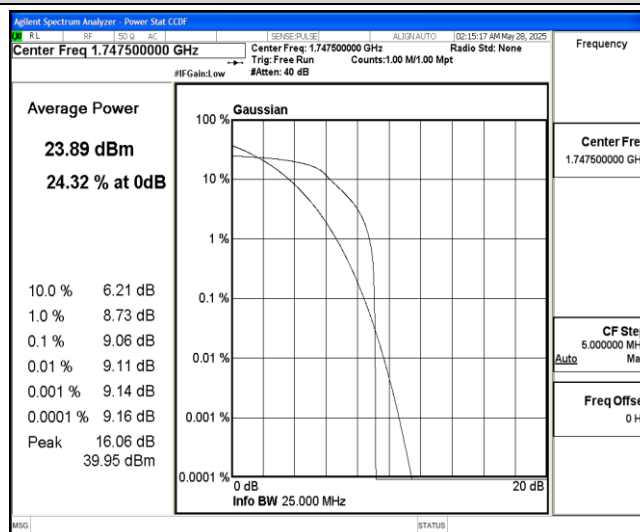
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Band4-15MHz-16QAM-20175-6-0-Low-9.27-<=13-PASS



Band4-15MHz-16QAM-20325-1-0-High-10.09-<=13-PASS



Band4-15MHz-16QAM-20325-6-0-High-9.06-<=13-PASS

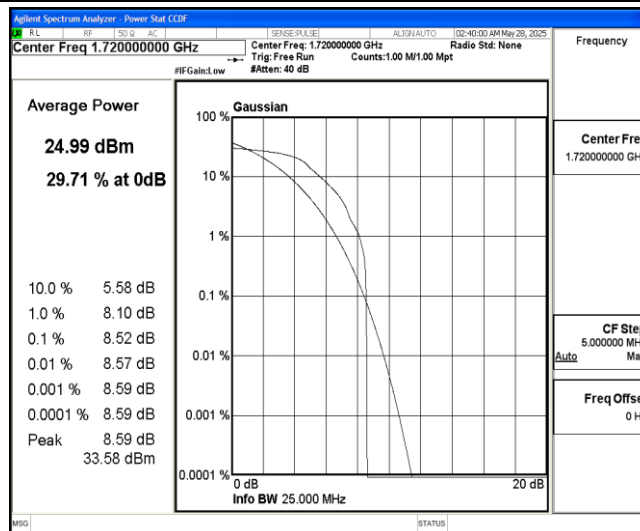


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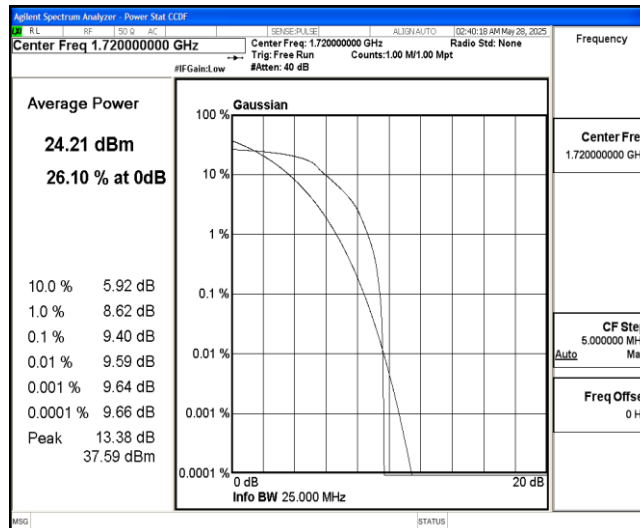
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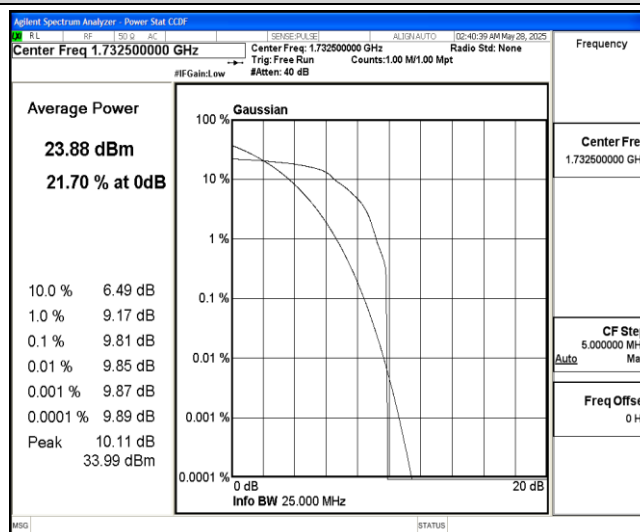
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Band4-20MHz-QPSK-20050-1-0-Low-8.52-<=13-PASS



Band4-20MHz-QPSK-20050-6-0-Low-9.40-<=13-PASS



Band4-20MHz-QPSK-20175-1-0-Low-9.81-<=13-PASS

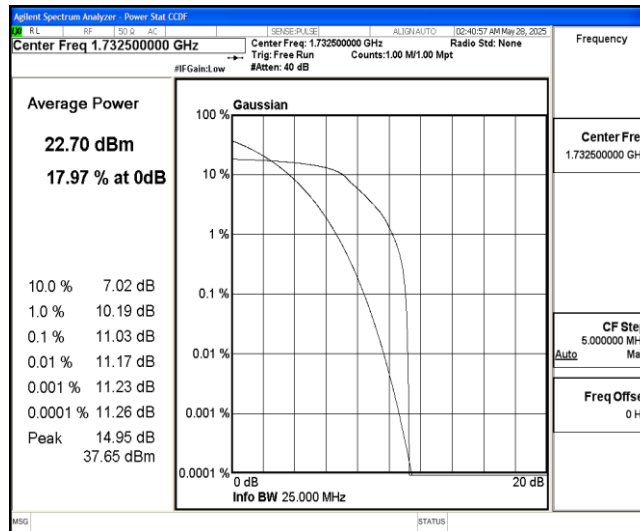


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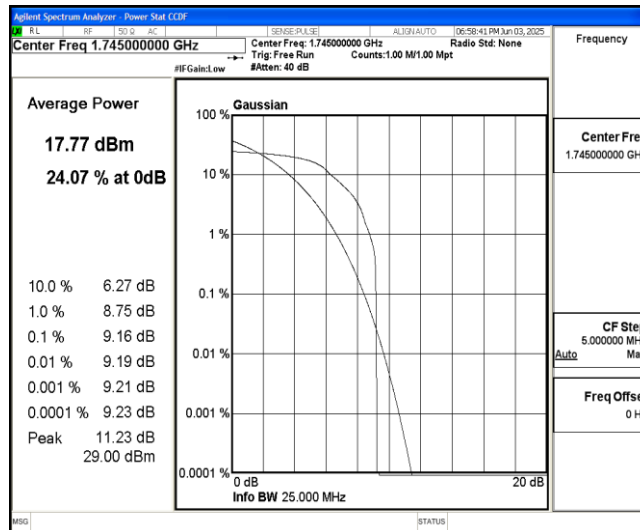
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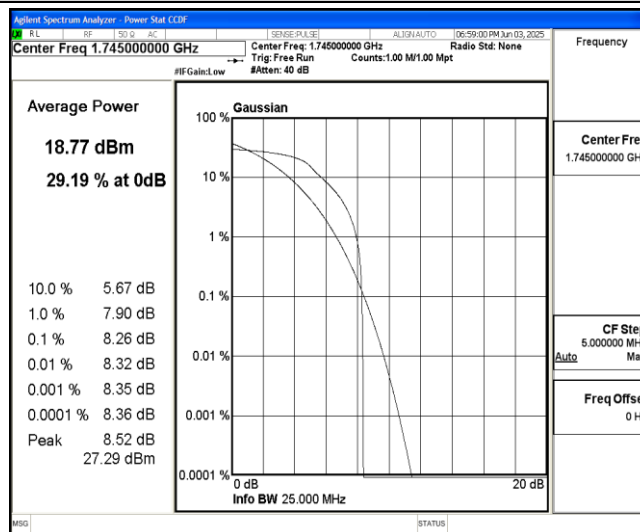
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Band4-20MHz-QPSK-20175-6-0-Low-11.03-<=13-PASS



Band4-20MHz-QPSK-20300-1-0-High-9.16-<=13-PASS



Band4-20MHz-QPSK-20300-6-0-High-8.26-<=13-PASS

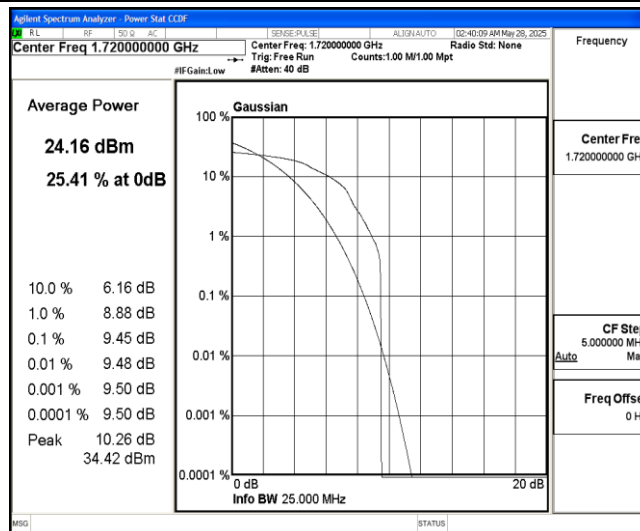


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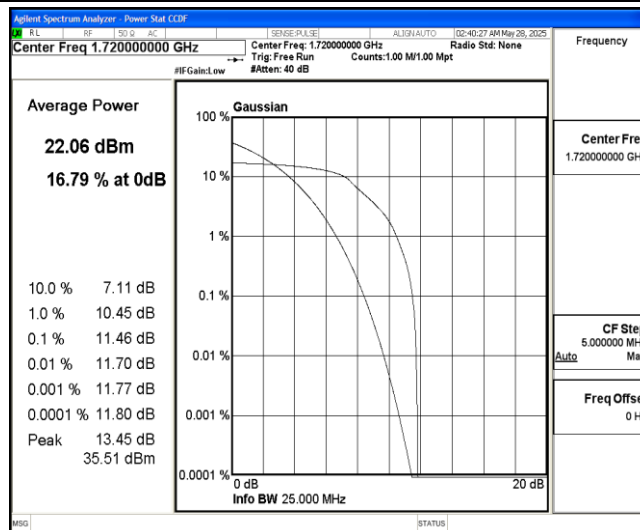
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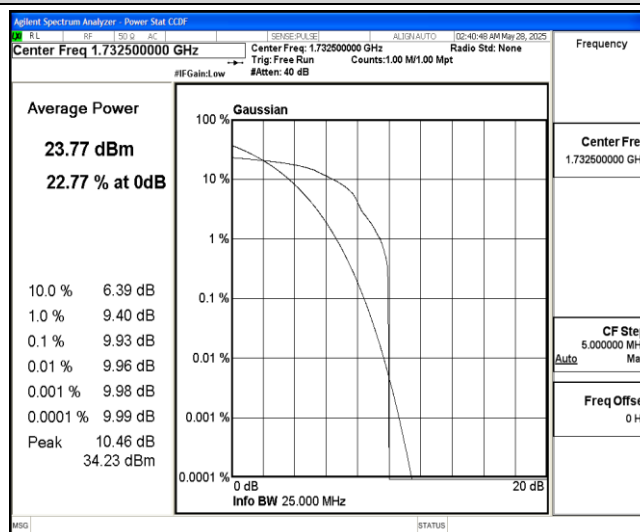
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Band4-20MHz-16QAM-20050-1-0-Low-9.45-<=13-PASS



Band4-20MHz-16QAM-20050-6-0-Low-11.46-<=13-PASS



Band4-20MHz-16QAM-20175-1-0-Low-9.93-<=13-PASS

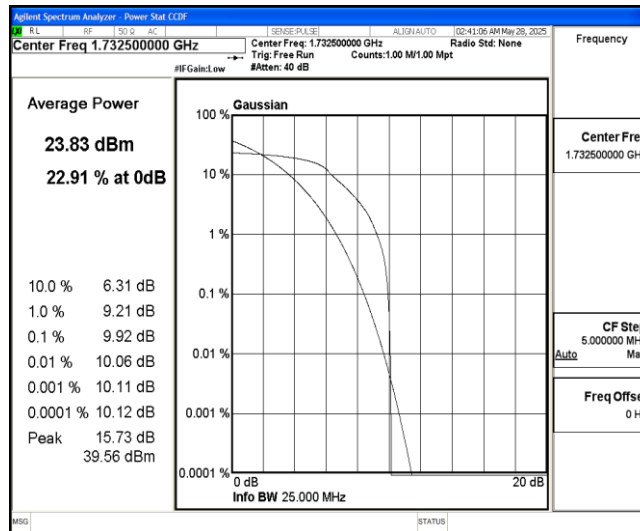


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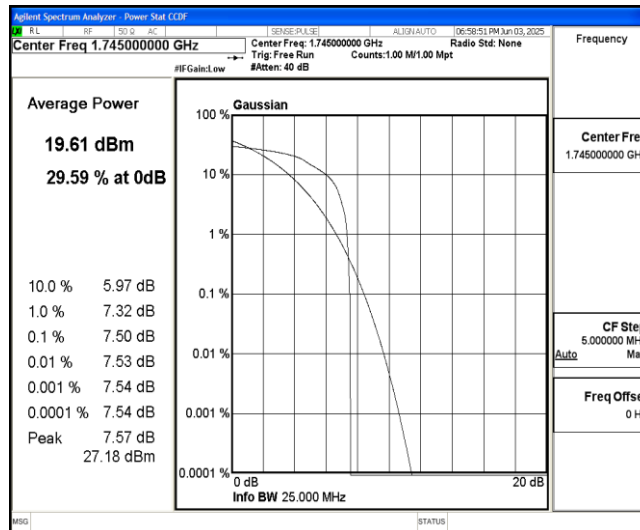
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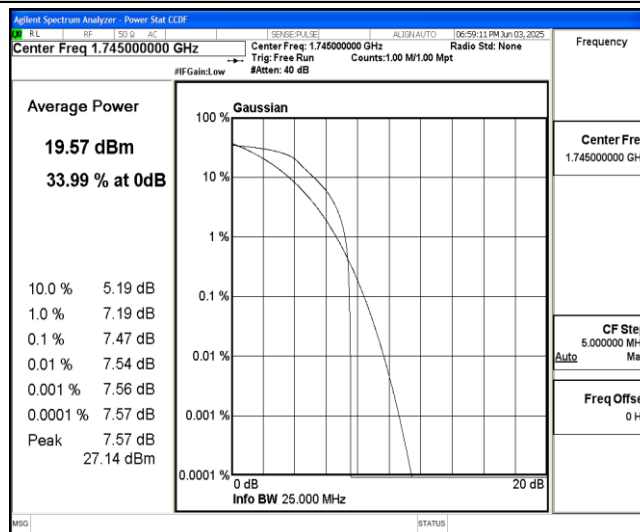
Scan code to check authenticity



Band4-20MHz-16QAM-20175-6-0-Low-9.92-<=13-PASS



Band4-20MHz-16QAM-20300-1-0-High-7.50-<=13-PASS



Band4-20MHz-16QAM-20300-6-0-High-7.47-<=13-PASS



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D.3 26dB Bandwidth and Occupied Bandwidth for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	19957	QPSK	6	0	Low	1.0899	1.281	PASS
Band4	1.4MHz	20175	QPSK	6	0	Low	1.0915	1.266	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	1.0999	1.294	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	1.0889	1.295	PASS
Band4	1.4MHz	20175	16QAM	6	0	Low	1.0874	1.267	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	1.0957	1.288	PASS
Band4	3MHz	19965	QPSK	6	0	Low	1.1156	1.349	PASS
Band4	3MHz	20175	QPSK	6	0	Low	1.1101	1.324	PASS
Band4	3MHz	20385	QPSK	6	0	High	1.1180	1.341	PASS
Band4	3MHz	19965	16QAM	6	0	Low	1.1131	1.358	PASS
Band4	3MHz	20175	16QAM	6	0	Low	1.1161	1.349	PASS
Band4	3MHz	20385	16QAM	6	0	High	1.1088	1.305	PASS
Band4	5MHz	19975	QPSK	6	0	Low	1.1946	1.479	PASS
Band4	5MHz	20175	QPSK	6	0	Low	1.1861	1.527	PASS
Band4	5MHz	20375	QPSK	6	0	High	1.1984	1.544	PASS
Band4	5MHz	19975	16QAM	6	0	Low	1.1974	1.727	PASS
Band4	5MHz	20175	16QAM	6	0	Low	1.1874	1.437	PASS
Band4	5MHz	20375	16QAM	6	0	High	1.1937	1.580	PASS
Band4	10MHz	20000	QPSK	6	0	Low	1.3581	2.190	PASS
Band4	10MHz	20175	QPSK	6	0	Low	1.3672	3.341	PASS
Band4	10MHz	20350	QPSK	6	0	High	1.3660	2.665	PASS
Band4	10MHz	20000	16QAM	6	0	Low	1.3540	2.009	PASS
Band4	10MHz	20175	16QAM	6	0	Low	1.3607	3.347	PASS
Band4	10MHz	20350	16QAM	6	0	High	1.3513	2.273	PASS
Band4	15MHz	20025	QPSK	6	0	Low	1.5710	3.011	PASS
Band4	15MHz	20175	QPSK	6	0	Low	1.6103	3.850	PASS
Band4	15MHz	20325	QPSK	6	0	High	1.6610	3.843	PASS
Band4	15MHz	20025	16QAM	6	0	Low	1.5615	3.216	PASS
Band4	15MHz	20175	16QAM	6	0	Low	1.6155	4.145	PASS
Band4	15MHz	20325	16QAM	6	0	High	1.5852	3.086	PASS
Band4	20MHz	20050	QPSK	6	0	Low	2.0891	4.752	PASS
Band4	20MHz	20175	QPSK	6	0	Low	2.1933	5.379	PASS
Band4	20MHz	20300	QPSK	6	0	High	2.7582	5.186	PASS
Band4	20MHz	20050	16QAM	6	0	Low	2.3618	5.295	PASS



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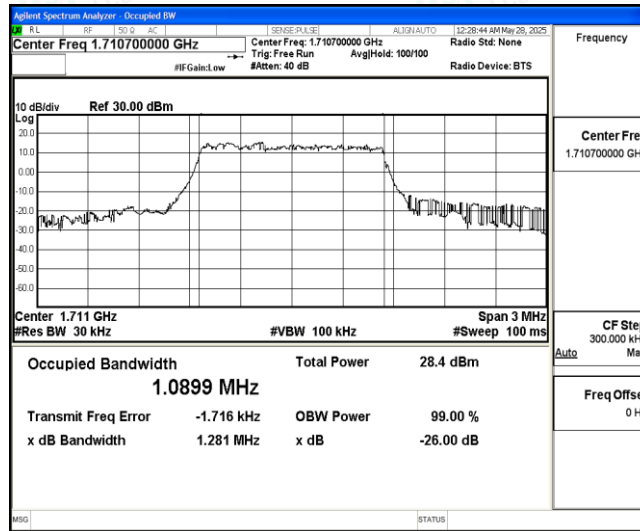


Band4	20MHz	20175	16QAM	6	0	Low	2.2126	5.526	PASS
Band4	20MHz	20300	16QAM	6	0	High	2.3425	4.782	PASS

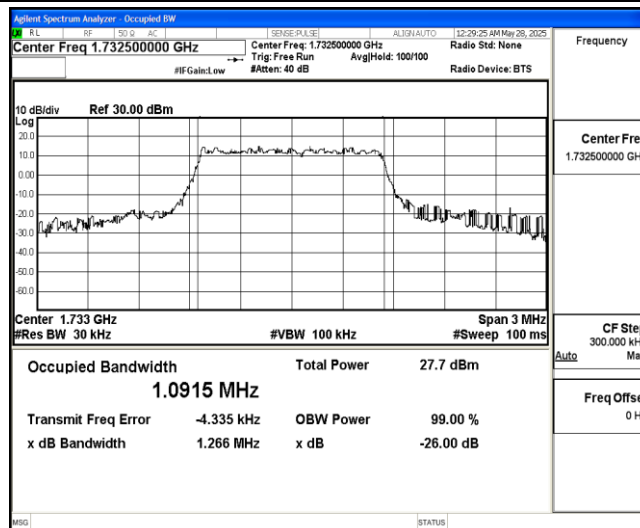




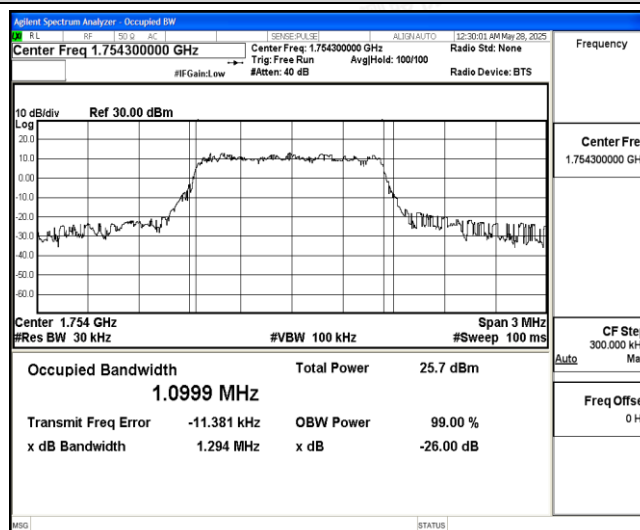
Test Graphs



Band4-1.4MHz-QPSK-19957-6-0-Low-1.0899-1.281-PASS



Band4-1.4MHz-QPSK-20175-6-0-Low-1.0915-1.266-PASS



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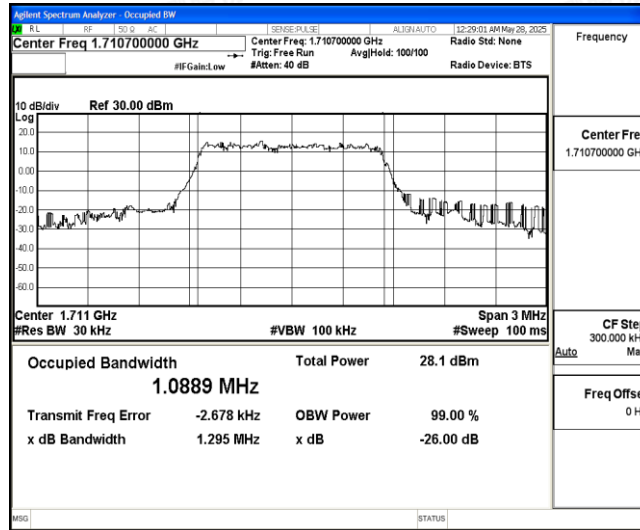
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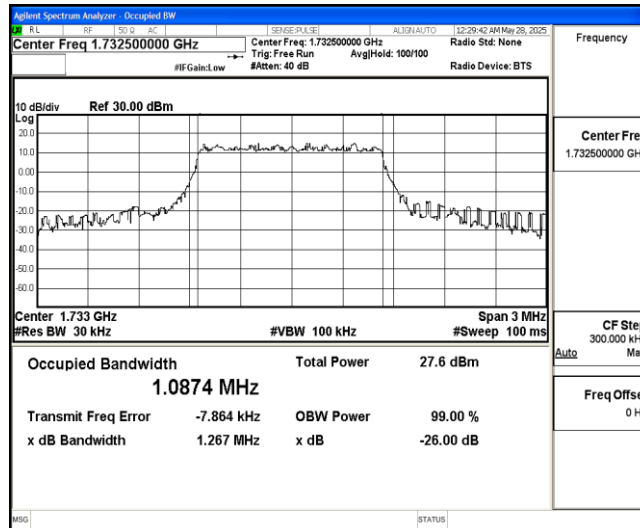
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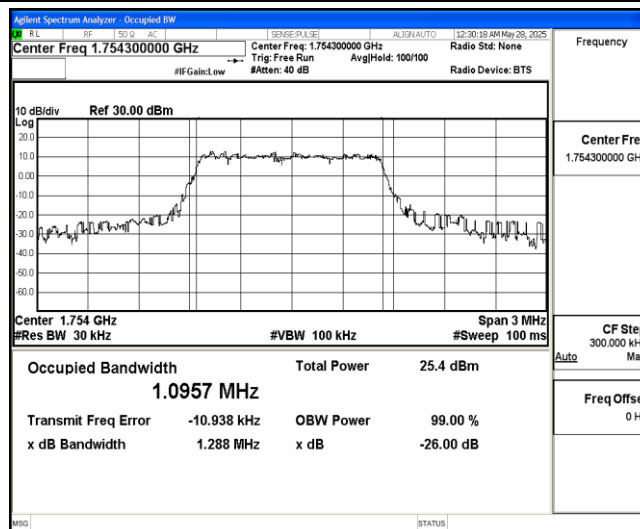
Band4-1.4MHz-QPSK-20393-6-0-High-1.0999-1.294-PASS



Band4-1.4MHz-16QAM-19957-6-0-Low-1.0889-1.295-PASS



Band4-1.4MHz-16QAM-20175-6-0-Low-1.0874-1.267-PASS



Band4-1.4MHz-16QAM-20393-6-0-High-1.0957-1.288-PASS

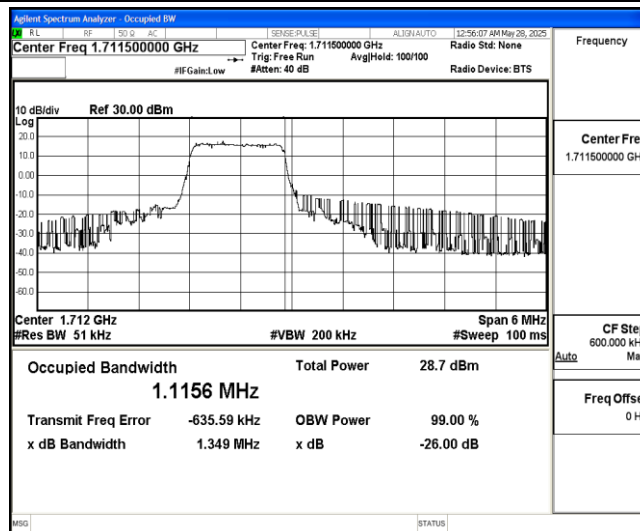


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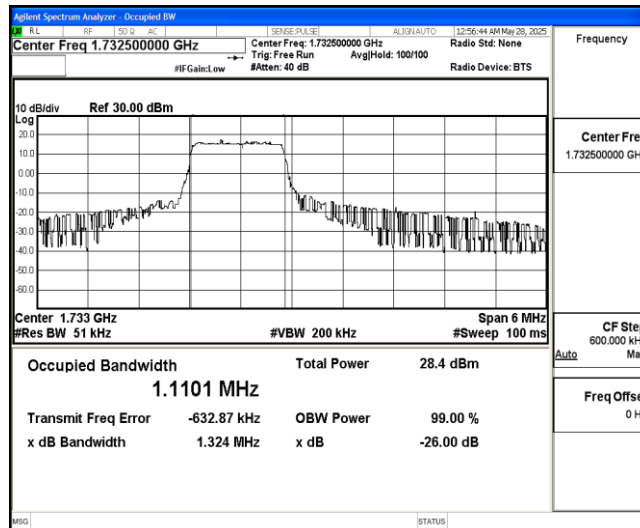
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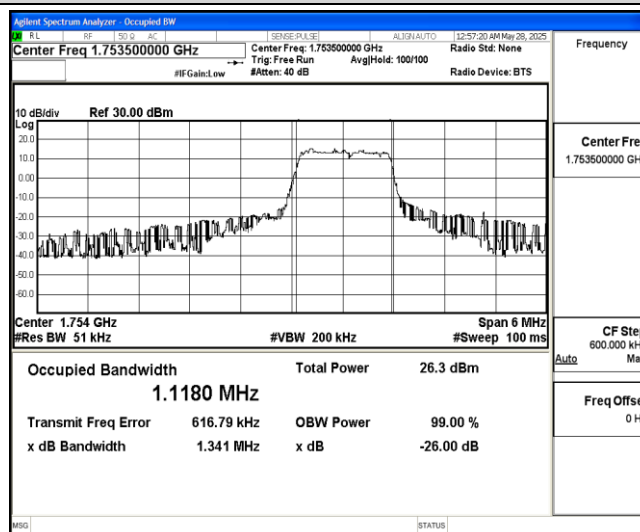
Scan code to check authenticity



Band4-3MHz-QPSK-19965-6-0-Low-1.1156-1.349-PASS



Band4-3MHz-QPSK-20175-6-0-Low-1.1101-1.324-PASS



Band4-3MHz-QPSK-20385-6-0-High-1.1180-1.341-PASS



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