



Appendix C: Test Data for CatM1 Band 4

Product Name: Gulliver

Test Model: Gulliver

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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C.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	21.81	PASS
Band4	1.4MHz	19957	QPSK	1	5	Low	22.28	PASS
Band4	1.4MHz	19957	QPSK	6	0	Low	22.38	PASS
Band4	1.4MHz	20175	QPSK	1	0	Low	21.81	PASS
Band4	1.4MHz	20175	QPSK	1	5	Low	22.32	PASS
Band4	1.4MHz	20175	QPSK	6	0	Low	22.11	PASS
Band4	1.4MHz	20393	QPSK	1	0	High	22.23	PASS
Band4	1.4MHz	20393	QPSK	1	5	High	21.95	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	22.17	PASS
Band4	1.4MHz	19957	16QAM	1	0	Low	22.21	PASS
Band4	1.4MHz	19957	16QAM	1	5	Low	22.17	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	21.89	PASS
Band4	1.4MHz	20175	16QAM	1	0	Low	21.75	PASS
Band4	1.4MHz	20175	16QAM	1	5	Low	21.94	PASS
Band4	1.4MHz	20175	16QAM	6	0	Low	22.06	PASS
Band4	1.4MHz	20393	16QAM	1	0	High	22.32	PASS
Band4	1.4MHz	20393	16QAM	1	5	High	21.78	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	22.05	PASS
Band4	3MHz	19965	QPSK	1	0	Low	22.13	PASS
Band4	3MHz	19965	QPSK	1	5	Low	22.06	PASS
Band4	3MHz	19965	QPSK	6	0	Low	21.83	PASS
Band4	3MHz	20175	QPSK	1	0	Low	22.29	PASS
Band4	3MHz	20175	QPSK	1	5	Low	21.92	PASS
Band4	3MHz	20175	QPSK	6	0	Low	21.82	PASS
Band4	3MHz	20385	QPSK	1	0	High	21.67	PASS
Band4	3MHz	20385	QPSK	1	5	High	21.89	PASS
Band4	3MHz	20385	QPSK	6	0	High	22.26	PASS
Band4	3MHz	19965	16QAM	1	0	Low	22.02	PASS
Band4	3MHz	19965	16QAM	1	5	Low	22.34	PASS
Band4	3MHz	19965	16QAM	6	0	Low	21.97	PASS
Band4	3MHz	20175	16QAM	1	0	Low	21.93	PASS
Band4	3MHz	20175	16QAM	1	5	Low	21.73	PASS
Band4	3MHz	20175	16QAM	6	0	Low	22.05	PASS
Band4	3MHz	20385	16QAM	1	0	High	22.34	PASS
Band4	3MHz	20385	16QAM	1	5	High	22.03	PASS



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Band4	3MHz	20385	16QAM	6	0	High	22.06	PASS
Band4	5MHz	19975	QPSK	1	0	Low	22.30	PASS
Band4	5MHz	19975	QPSK	1	5	Low	22.10	PASS
Band4	5MHz	19975	QPSK	6	0	Low	22.23	PASS
Band4	5MHz	20175	QPSK	1	0	Low	22.30	PASS
Band4	5MHz	20175	QPSK	1	5	Low	22.23	PASS
Band4	5MHz	20175	QPSK	6	0	Low	21.80	PASS
Band4	5MHz	20375	QPSK	1	0	High	22.01	PASS
Band4	5MHz	20375	QPSK	1	5	High	21.75	PASS
Band4	5MHz	20375	QPSK	6	0	High	21.91	PASS
Band4	5MHz	19975	16QAM	1	0	Low	21.81	PASS
Band4	5MHz	19975	16QAM	1	5	Low	22.35	PASS
Band4	5MHz	19975	16QAM	6	0	Low	22.35	PASS
Band4	5MHz	20175	16QAM	1	0	Low	21.86	PASS
Band4	5MHz	20175	16QAM	1	5	Low	22.14	PASS
Band4	5MHz	20175	16QAM	6	0	Low	22.27	PASS
Band4	5MHz	20375	16QAM	1	0	High	22.00	PASS
Band4	5MHz	20375	16QAM	1	5	High	22.35	PASS
Band4	5MHz	20375	16QAM	6	0	High	21.61	PASS
Band4	10MHz	20000	QPSK	1	0	Low	22.22	PASS
Band4	10MHz	20000	QPSK	1	5	Low	21.77	PASS
Band4	10MHz	20000	QPSK	6	0	Low	22.27	PASS
Band4	10MHz	20175	QPSK	1	0	Low	21.80	PASS
Band4	10MHz	20175	QPSK	1	5	Low	21.79	PASS
Band4	10MHz	20175	QPSK	6	0	Low	22.26	PASS
Band4	10MHz	20350	QPSK	1	0	High	21.71	PASS
Band4	10MHz	20350	QPSK	1	5	High	21.60	PASS
Band4	10MHz	20350	QPSK	6	0	High	21.67	PASS
Band4	10MHz	20000	16QAM	1	0	Low	22.24	PASS
Band4	10MHz	20000	16QAM	1	5	Low	22.23	PASS
Band4	10MHz	20000	16QAM	6	0	Low	21.94	PASS
Band4	10MHz	20175	16QAM	1	0	Low	21.77	PASS
Band4	10MHz	20175	16QAM	1	5	Low	21.86	PASS
Band4	10MHz	20175	16QAM	6	0	Low	21.68	PASS
Band4	10MHz	20350	16QAM	1	0	High	22.22	PASS
Band4	10MHz	20350	16QAM	1	5	High	21.92	PASS
Band4	10MHz	20350	16QAM	6	0	High	21.66	PASS
Band4	15MHz	20025	QPSK	1	0	Low	22.14	PASS
Band4	15MHz	20025	QPSK	1	5	Low	22.02	PASS
Band4	15MHz	20025	QPSK	6	0	Low	22.33	PASS
Band4	15MHz	20175	QPSK	1	0	Low	22.37	PASS
Band4	15MHz	20175	QPSK	1	5	Low	22.24	PASS



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Band4	15MHz	20175	QPSK	6	0	Low	22.33	PASS
Band4	15MHz	20325	QPSK	1	0	High	21.97	PASS
Band4	15MHz	20325	QPSK	1	5	High	22.53	PASS
Band4	15MHz	20325	QPSK	6	0	High	22.32	PASS
Band4	15MHz	20025	16QAM	1	0	Low	21.93	PASS
Band4	15MHz	20025	16QAM	1	5	Low	22.32	PASS
Band4	15MHz	20025	16QAM	6	0	Low	22.26	PASS
Band4	15MHz	20175	16QAM	1	0	Low	21.81	PASS
Band4	15MHz	20175	16QAM	1	5	Low	21.85	PASS
Band4	15MHz	20175	16QAM	6	0	Low	22.31	PASS
Band4	15MHz	20325	16QAM	1	0	High	22.53	PASS
Band4	15MHz	20325	16QAM	1	5	High	22.16	PASS
Band4	15MHz	20325	16QAM	6	0	High	22.30	PASS
Band4	20MHz	20050	QPSK	1	0	Low	22.74	PASS
Band4	20MHz	20050	QPSK	1	5	Low	22.21	PASS
Band4	20MHz	20050	QPSK	6	0	Low	22.61	PASS
Band4	20MHz	20175	QPSK	1	0	Low	22.55	PASS
Band4	20MHz	20175	QPSK	1	5	Low	22.41	PASS
Band4	20MHz	20175	QPSK	6	0	Low	22.66	PASS
Band4	20MHz	20300	QPSK	1	0	High	22.82	PASS
Band4	20MHz	20300	QPSK	1	5	High	22.36	PASS
Band4	20MHz	20300	QPSK	6	0	High	22.71	PASS
Band4	20MHz	20050	16QAM	1	0	Low	22.79	PASS
Band4	20MHz	20050	16QAM	1	5	Low	22.32	PASS
Band4	20MHz	20050	16QAM	6	0	Low	22.29	PASS
Band4	20MHz	20175	16QAM	1	0	Low	22.77	PASS
Band4	20MHz	20175	16QAM	1	5	Low	22.46	PASS
Band4	20MHz	20175	16QAM	6	0	Low	22.37	PASS
Band4	20MHz	20300	16QAM	1	0	High	22.29	PASS
Band4	20MHz	20300	16QAM	1	5	High	22.45	PASS
Band4	20MHz	20300	16QAM	6	0	High	22.86	PASS



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C.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	8.73	<=13	PASS
Band4	1.4MHz	19957	QPSK	6	0	Low	9.75	<=13	PASS
Band4	1.4MHz	20175	QPSK	1	0	Low	10.13	<=13	PASS
Band4	1.4MHz	20175	QPSK	6	0	Low	9.11	<=13	PASS
Band4	1.4MHz	20393	QPSK	1	0	High	8.62	<=13	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	9.50	<=13	PASS
Band4	1.4MHz	19957	16QAM	1	0	Low	9.06	<=13	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	9.88	<=13	PASS
Band4	1.4MHz	20175	16QAM	1	0	Low	10.22	<=13	PASS
Band4	1.4MHz	20175	16QAM	6	0	Low	9.40	<=13	PASS
Band4	1.4MHz	20393	16QAM	1	0	High	9.77	<=13	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	9.60	<=13	PASS
Band4	3MHz	19965	QPSK	1	0	Low	9.46	<=13	PASS
Band4	3MHz	19965	QPSK	6	0	Low	9.08	<=13	PASS
Band4	3MHz	20175	QPSK	1	0	Low	9.18	<=13	PASS
Band4	3MHz	20175	QPSK	6	0	Low	9.63	<=13	PASS
Band4	3MHz	20385	QPSK	1	0	High	11.20	<=13	PASS
Band4	3MHz	20385	QPSK	6	0	High	11.08	<=13	PASS
Band4	3MHz	19965	16QAM	1	0	Low	8.90	<=13	PASS
Band4	3MHz	19965	16QAM	6	0	Low	10.85	<=13	PASS
Band4	3MHz	20175	16QAM	1	0	Low	10.13	<=13	PASS
Band4	3MHz	20175	16QAM	6	0	Low	8.39	<=13	PASS
Band4	3MHz	20385	16QAM	1	0	High	9.98	<=13	PASS
Band4	3MHz	20385	16QAM	6	0	High	10.14	<=13	PASS
Band4	5MHz	19975	QPSK	1	0	Low	6.78	<=13	PASS
Band4	5MHz	19975	QPSK	6	0	Low	8.67	<=13	PASS
Band4	5MHz	20175	QPSK	1	0	Low	9.31	<=13	PASS
Band4	5MHz	20175	QPSK	6	0	Low	6.08	<=13	PASS
Band4	5MHz	20375	QPSK	1	0	High	8.79	<=13	PASS
Band4	5MHz	20375	QPSK	6	0	High	9.52	<=13	PASS
Band4	5MHz	19975	16QAM	1	0	Low	8.23	<=13	PASS
Band4	5MHz	19975	16QAM	6	0	Low	8.52	<=13	PASS
Band4	5MHz	20175	16QAM	1	0	Low	6.96	<=13	PASS



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Band4	5MHz	20175	16QAM	6	0	Low	7.45	<=13	PASS
Band4	5MHz	20375	16QAM	1	0	High	8.76	<=13	PASS
Band4	5MHz	20375	16QAM	6	0	High	9.14	<=13	PASS
Band4	10MHz	20000	QPSK	1	0	Low	7.55	<=13	PASS
Band4	10MHz	20000	QPSK	6	0	Low	10.73	<=13	PASS
Band4	10MHz	20175	QPSK	1	0	Low	9.34	<=13	PASS
Band4	10MHz	20175	QPSK	6	0	Low	8.39	<=13	PASS
Band4	10MHz	20350	QPSK	1	0	High	8.93	<=13	PASS
Band4	10MHz	20350	QPSK	6	0	High	9.07	<=13	PASS
Band4	10MHz	20000	16QAM	1	0	Low	9.29	<=13	PASS
Band4	10MHz	20000	16QAM	6	0	Low	8.98	<=13	PASS
Band4	10MHz	20175	16QAM	1	0	Low	9.38	<=13	PASS
Band4	10MHz	20175	16QAM	6	0	Low	8.44	<=13	PASS
Band4	10MHz	20350	16QAM	1	0	High	7.40	<=13	PASS
Band4	10MHz	20350	16QAM	6	0	High	11.39	<=13	PASS
Band4	15MHz	20025	QPSK	1	0	Low	8.92	<=13	PASS
Band4	15MHz	20025	QPSK	6	0	Low	8.70	<=13	PASS
Band4	15MHz	20175	QPSK	1	0	Low	10.22	<=13	PASS
Band4	15MHz	20175	QPSK	6	0	Low	8.68	<=13	PASS
Band4	15MHz	20325	QPSK	1	0	High	7.67	<=13	PASS
Band4	15MHz	20325	QPSK	6	0	High	9.71	<=13	PASS
Band4	15MHz	20025	16QAM	1	0	Low	9.59	<=13	PASS
Band4	15MHz	20025	16QAM	6	0	Low	8.77	<=13	PASS
Band4	15MHz	20175	16QAM	1	0	Low	9.13	<=13	PASS
Band4	15MHz	20175	16QAM	6	0	Low	8.48	<=13	PASS
Band4	15MHz	20325	16QAM	1	0	High	9.82	<=13	PASS
Band4	15MHz	20325	16QAM	6	0	High	8.70	<=13	PASS
Band4	20MHz	20050	QPSK	1	0	Low	7.30	<=13	PASS
Band4	20MHz	20050	QPSK	6	0	Low	7.97	<=13	PASS
Band4	20MHz	20175	QPSK	1	0	Low	9.14	<=13	PASS
Band4	20MHz	20175	QPSK	6	0	Low	9.11	<=13	PASS
Band4	20MHz	20300	QPSK	1	0	High	7.89	<=13	PASS
Band4	20MHz	20300	QPSK	6	0	High	8.17	<=13	PASS
Band4	20MHz	20050	16QAM	1	0	Low	9.69	<=13	PASS
Band4	20MHz	20050	16QAM	6	0	Low	11.74	<=13	PASS
Band4	20MHz	20175	16QAM	1	0	Low	9.30	<=13	PASS
Band4	20MHz	20175	16QAM	6	0	Low	8.63	<=13	PASS
Band4	20MHz	20300	16QAM	1	0	High	8.08	<=13	PASS
Band4	20MHz	20300	16QAM	6	0	High	9.05	<=13	PASS



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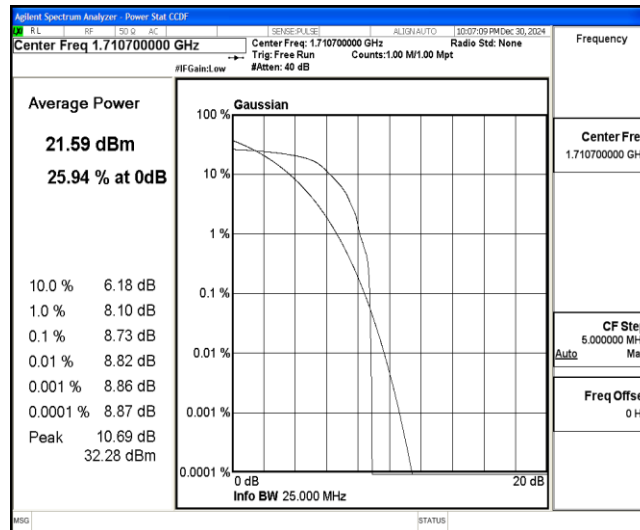
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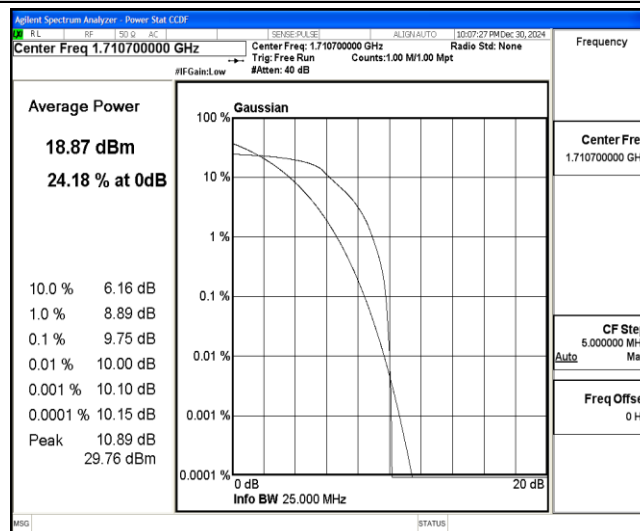
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Test Graphs



Band4-1.4MHz-QPSK-19957-1-0-Low-8.73-≤13-PASS



Band4-1.4MHz-QPSK-19957-6-0-Low-9.75-≤13-PASS

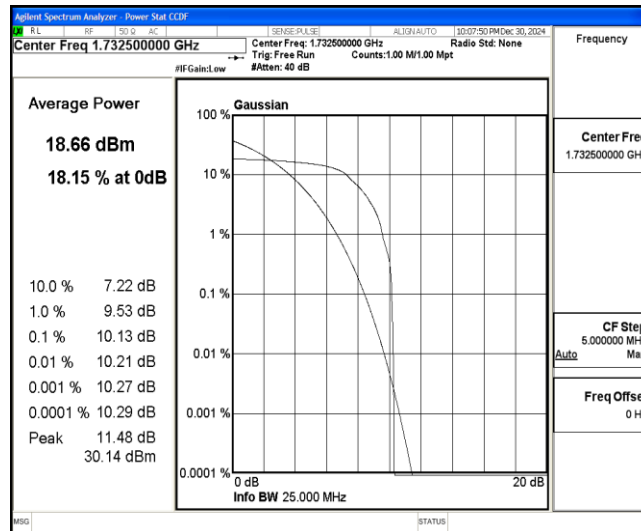


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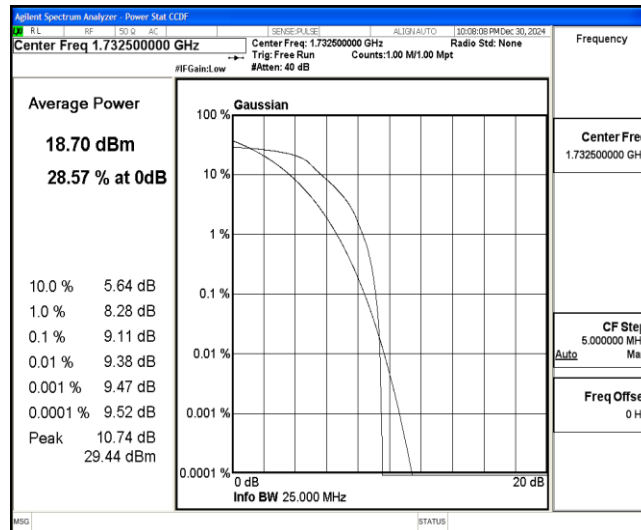
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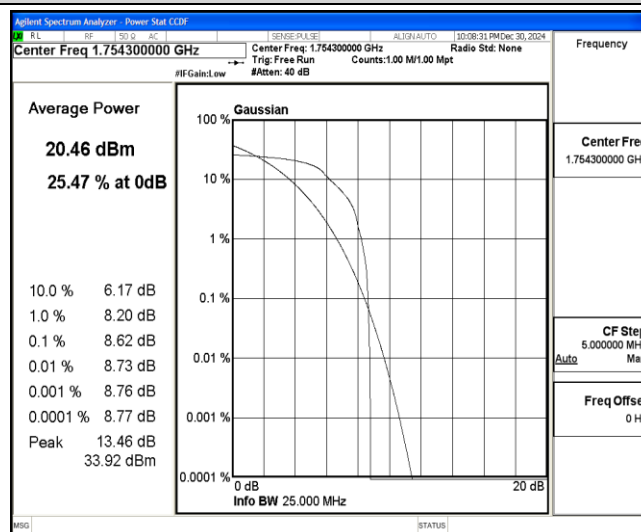
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Band4-1.4MHz-QPSK-20175-1-0-Low-10.13-<=13-PASS



Band4-1.4MHz-QPSK-20175-6-0-Low-9.11-<=13-PASS



Band4-1.4MHz-QPSK-20393-1-0-High-8.62-<=13-PASS

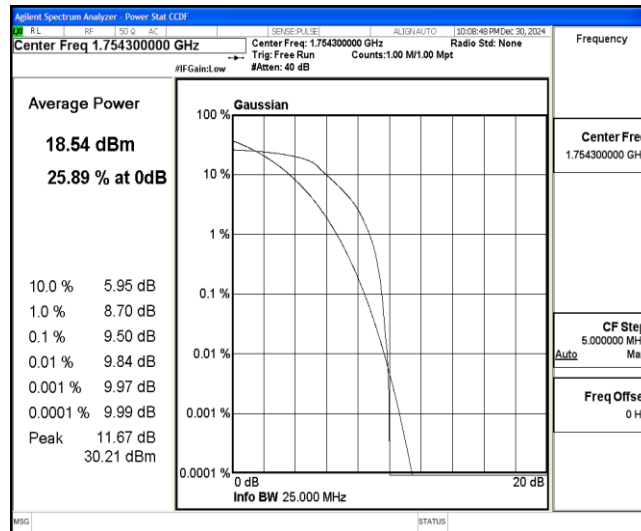


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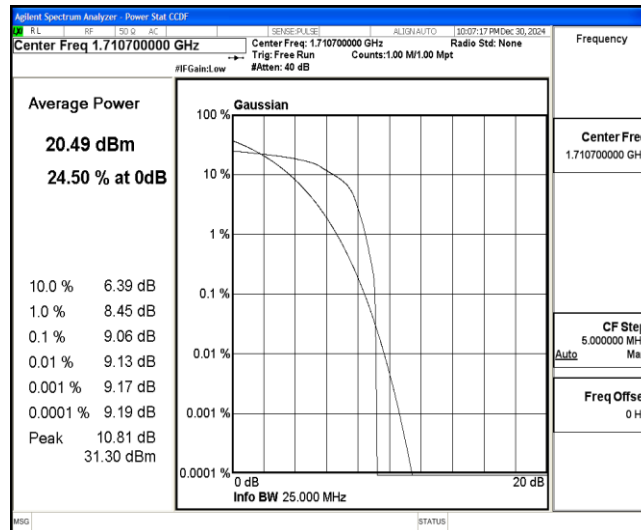
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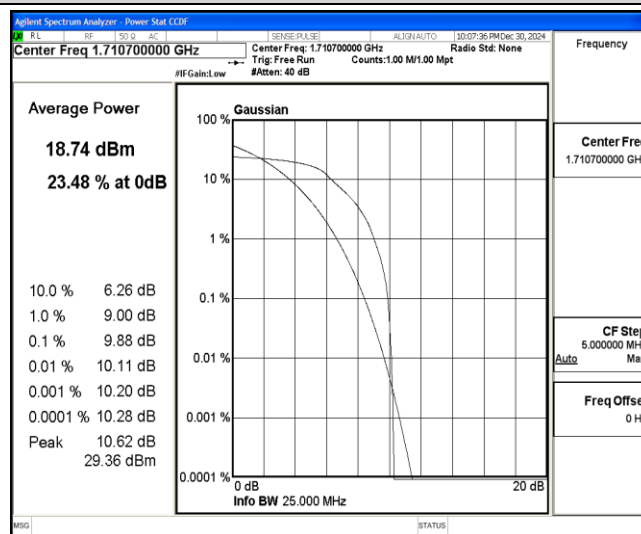
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Band4-1.4MHz-QPSK-20393-6-0-High-9.50-<=13-PASS



Band4-1.4MHz-16QAM-19957-1-0-Low-9.06-<=13-PASS



Band4-1.4MHz-16QAM-19957-6-0-Low-9.88-<=13-PASS

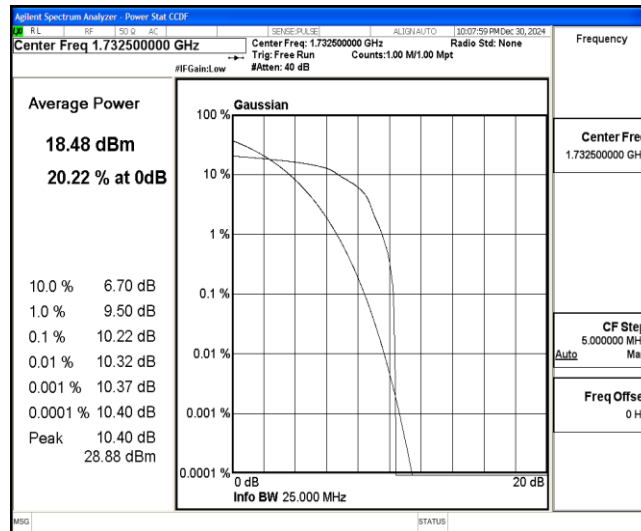


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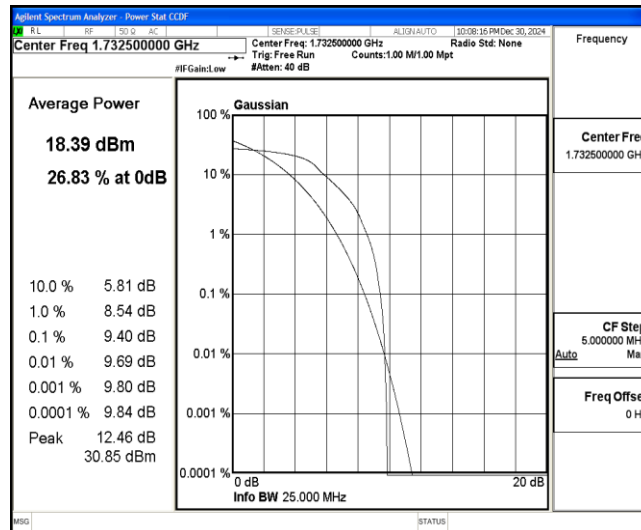
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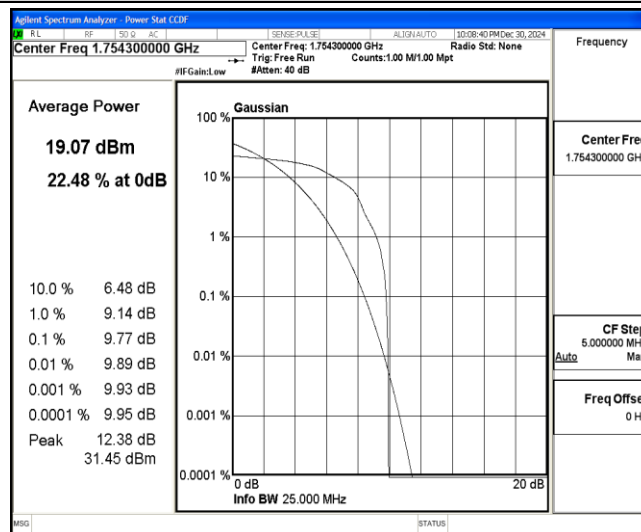
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Band4-1.4MHz-16QAM-20175-1-0-Low-10.22-<=13-PASS



Band4-1.4MHz-16QAM-20175-6-0-Low-9.40-<=13-PASS



Band4-1.4MHz-16QAM-20393-1-0-High-9.77-<=13-PASS

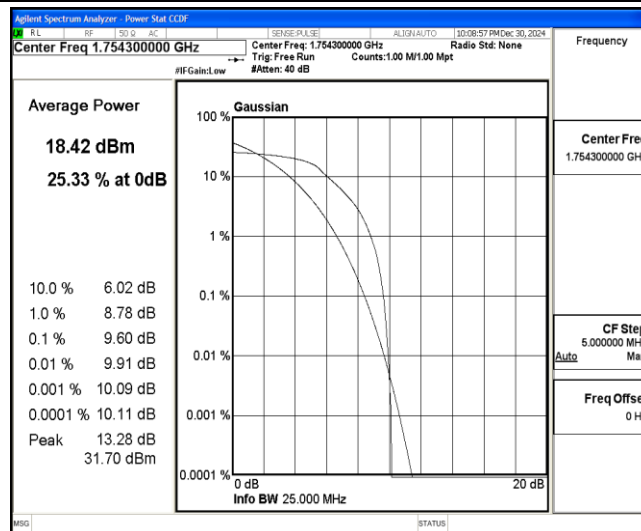


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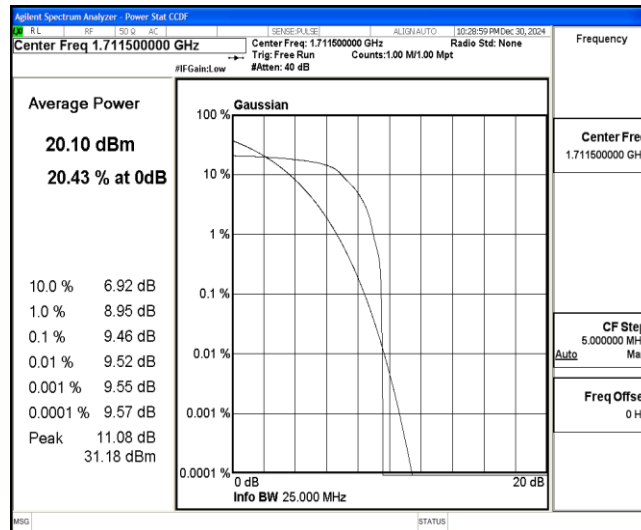
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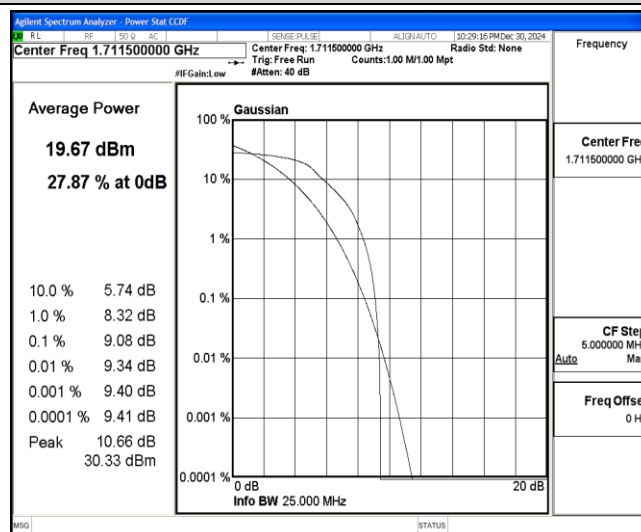
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Band4-1.4MHz-16QAM-20393-6-0-High-9.60-<=13-PASS



Band4-3MHz-QPSK-19965-1-0-Low-9.46-<=13-PASS



Band4-3MHz-QPSK-19965-6-0-Low-9.08-<=13-PASS

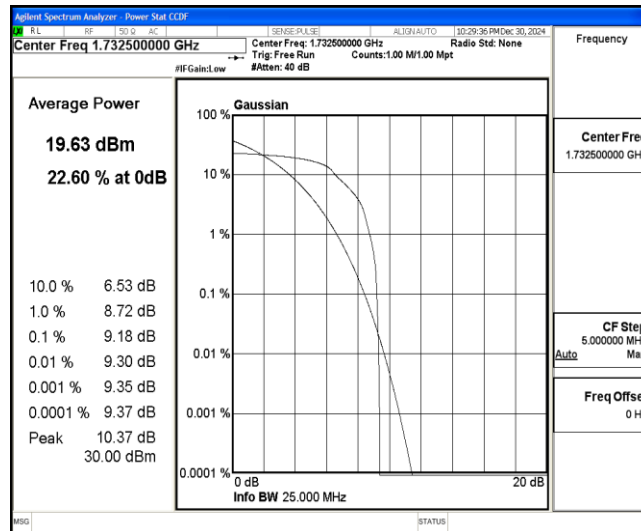


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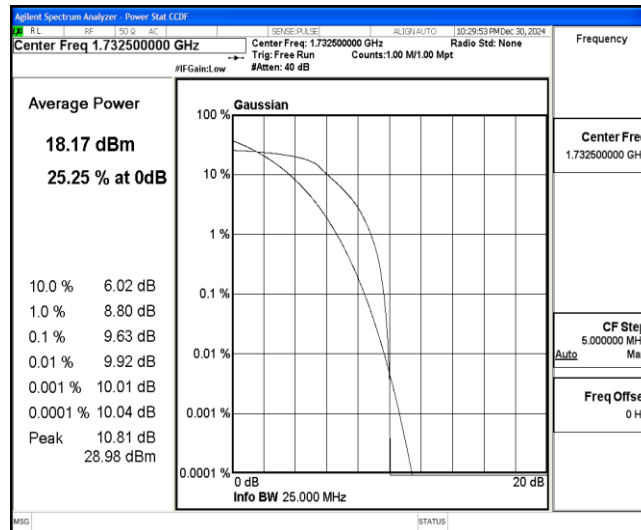
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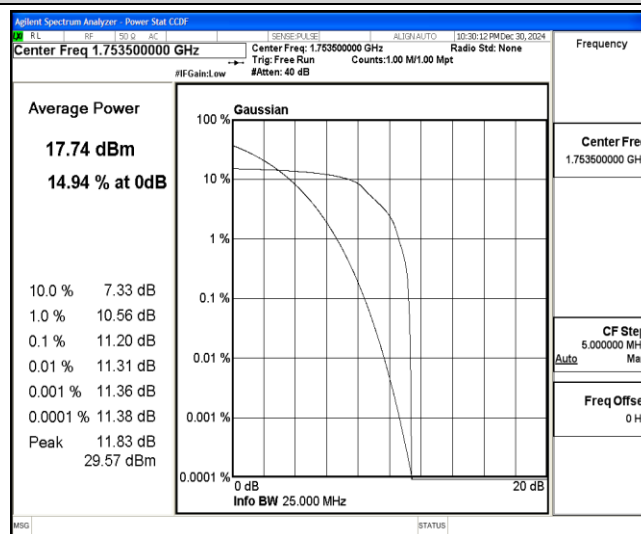
Scan code to check authenticity



Band4-3MHz-QPSK-20175-1-0-Low-9.18-<=13-PASS



Band4-3MHz-QPSK-20175-6-0-Low-9.63-<=13-PASS



Band4-3MHz-QPSK-20385-1-0-High-11.20-<=13-PASS

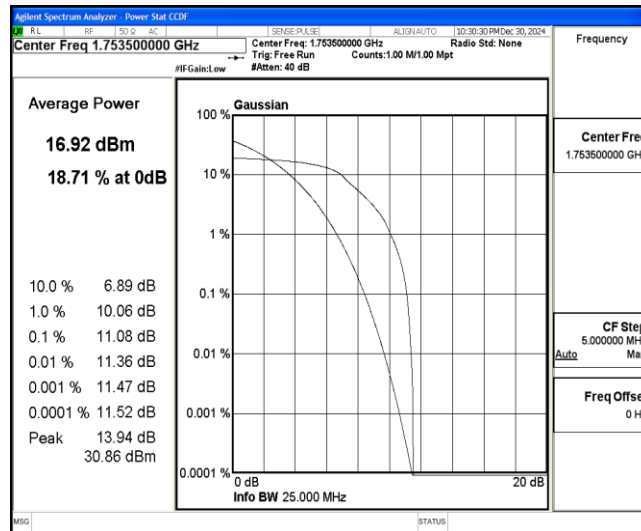


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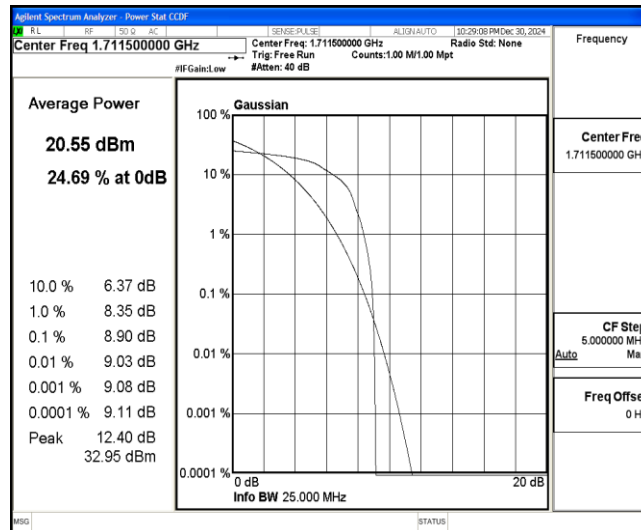
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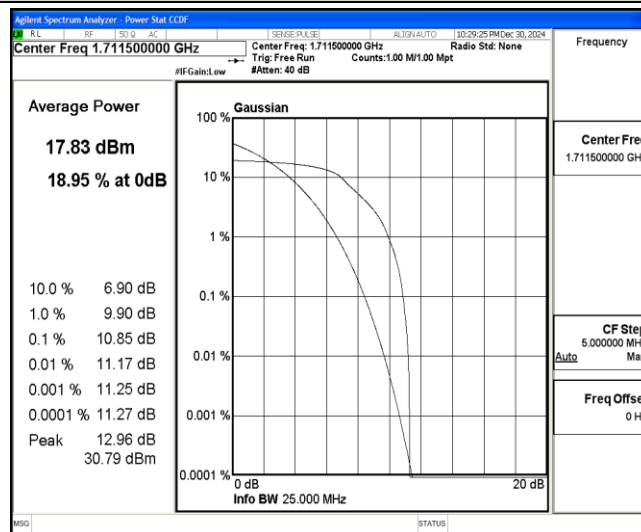
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Band4-3MHz-QPSK-20385-6-0-High-11.08-<=13-PASS



Band4-3MHz-16QAM-19965-1-0-Low-8.90-<=13-PASS



Band4-3MHz-16QAM-19965-6-0-Low-10.85-<=13-PASS

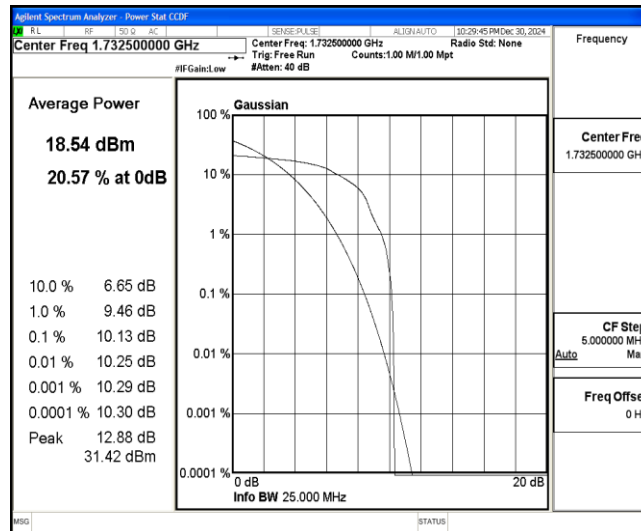


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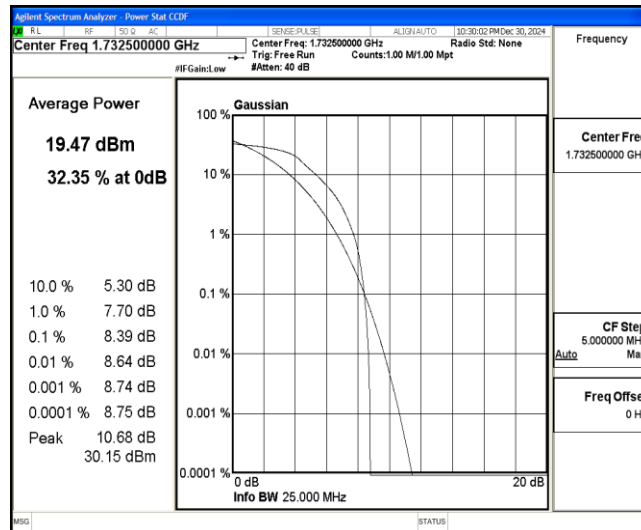
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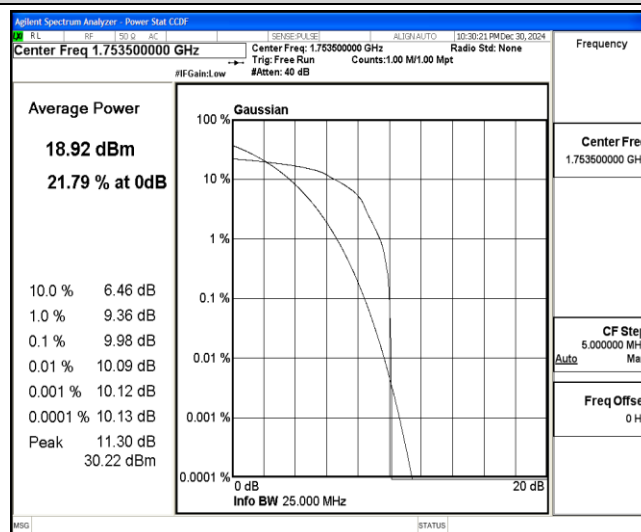
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Band4-3MHz-16QAM-20175-1-0-Low-10.13-<=13-PASS



Band4-3MHz-16QAM-20175-6-0-Low-8.39-<=13-PASS



Band4-3MHz-16QAM-20385-1-0-High-9.98-<=13-PASS

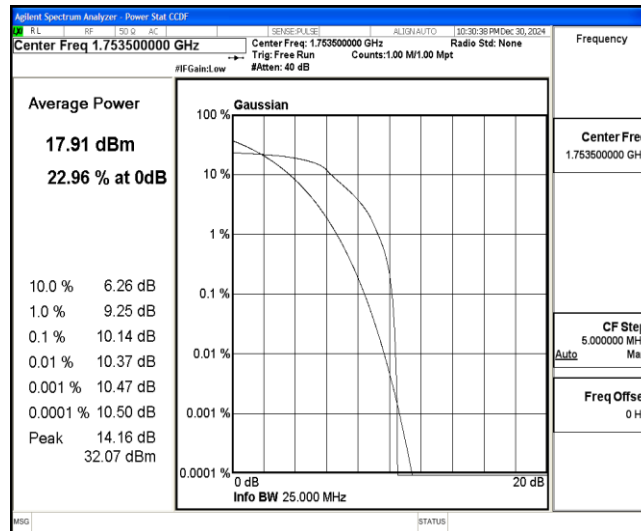


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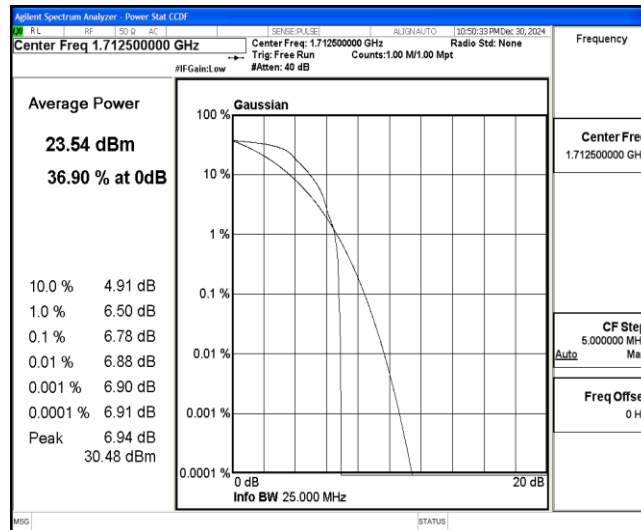
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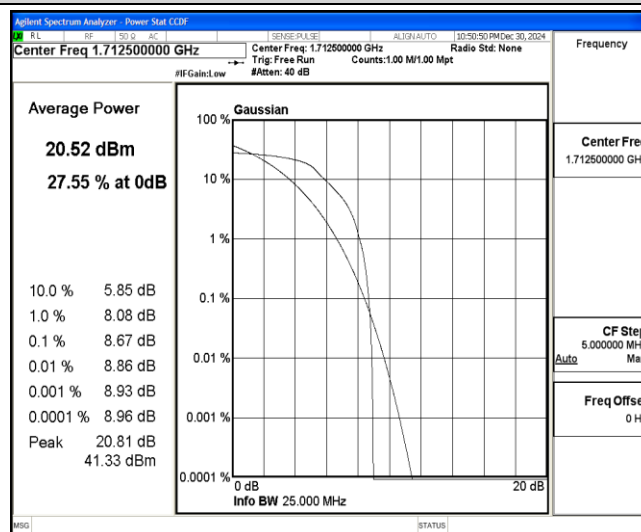
Scan code to check authenticity



Band4-3MHz-16QAM-20385-6-0-High-10.14-<=13-PASS



Band4-5MHz-QPSK-19975-1-0-Low-6.78-<=13-PASS



Band4-5MHz-QPSK-19975-6-0-Low-8.67-<=13-PASS

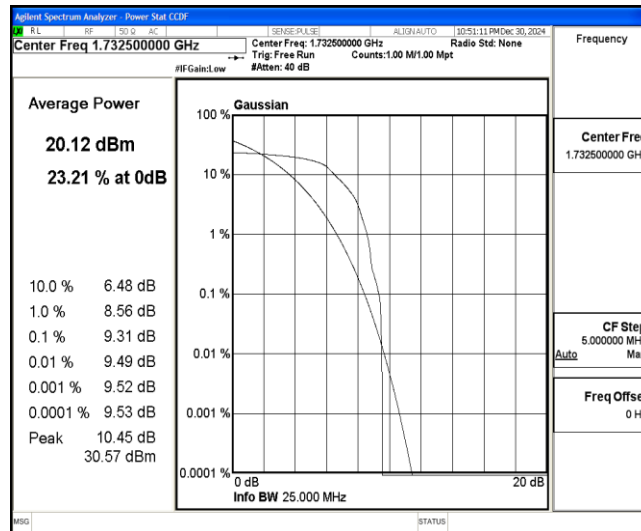


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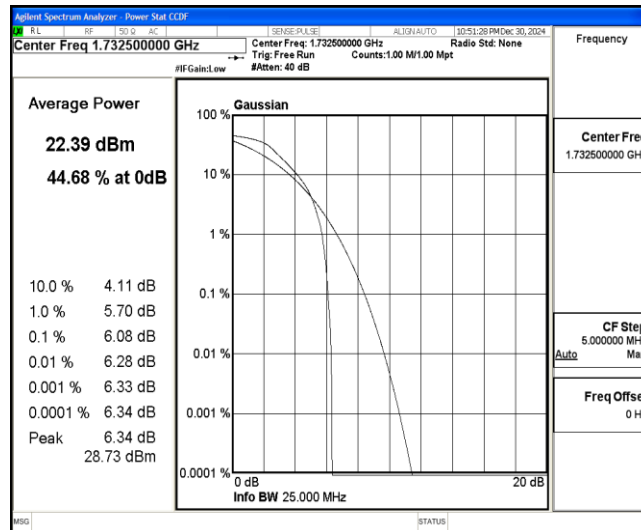
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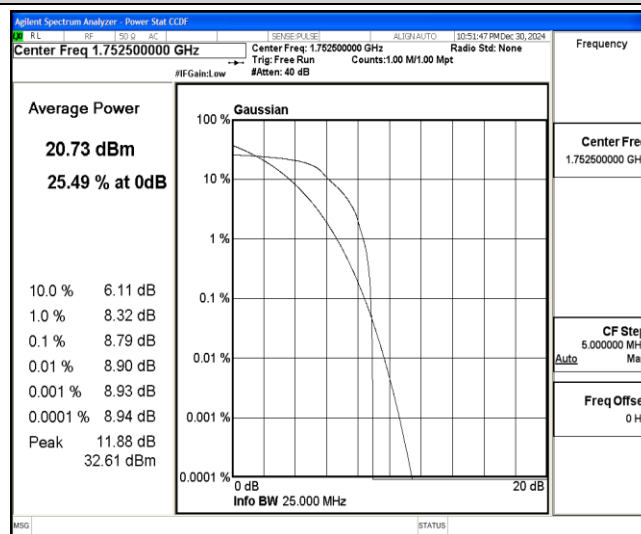
Scan code to check authenticity



Band4-5MHz-QPSK-20175-1-0-Low-9.31-<=13-PASS



Band4-5MHz-QPSK-20175-6-0-Low-6.08-<=13-PASS



Band4-5MHz-QPSK-20375-1-0-High-8.79-<=13-PASS

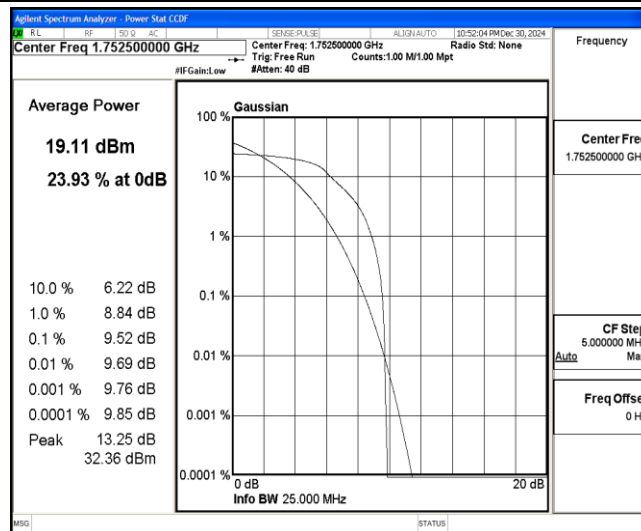


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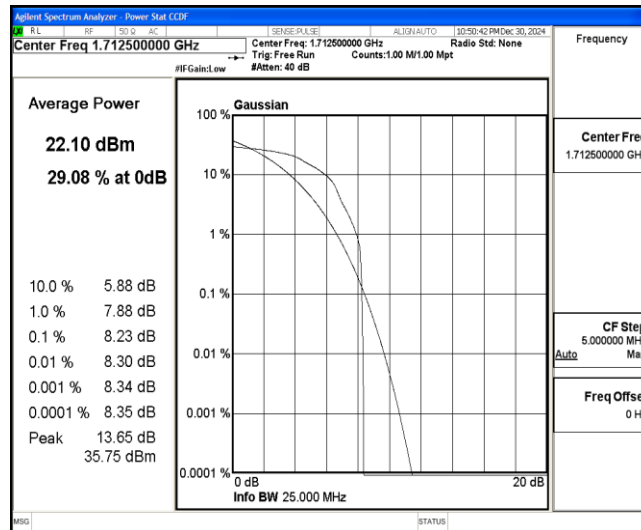
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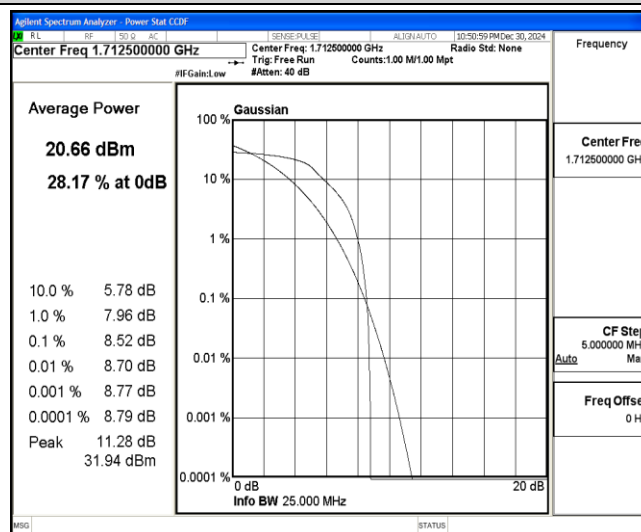
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Band4-5MHz-QPSK-20375-6-0-High-9.52-<=13-PASS



Band4-5MHz-16QAM-19975-1-0-Low-8.23-<=13-PASS



Band4-5MHz-16QAM-19975-6-0-Low-8.52-<=13-PASS

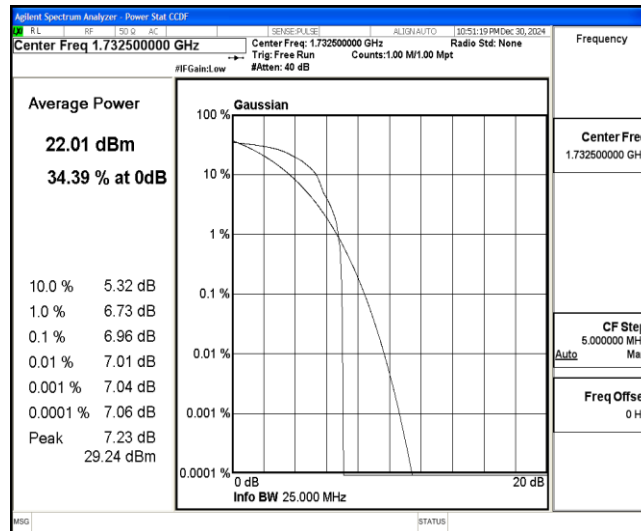


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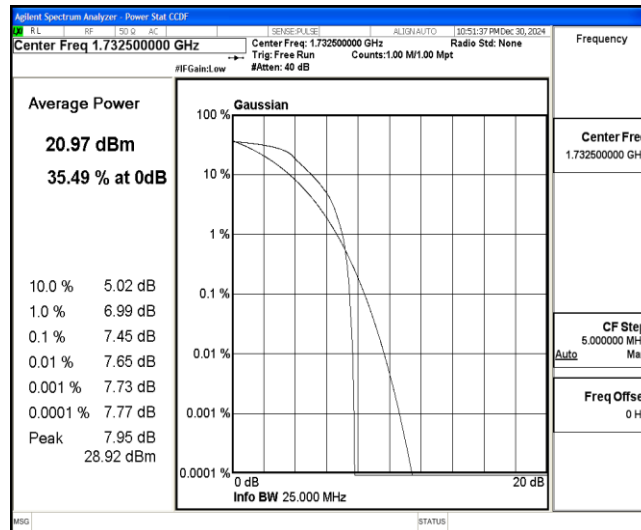
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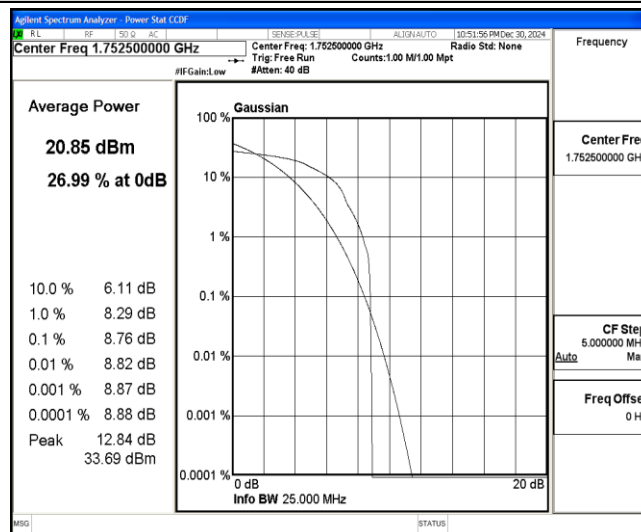
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Band4-5MHz-16QAM-20175-1-0-Low-6.96-<=13-PASS



Band4-5MHz-16QAM-20175-6-0-Low-7.45-<=13-PASS



Band4-5MHz-16QAM-20375-1-0-High-8.76-<=13-PASS

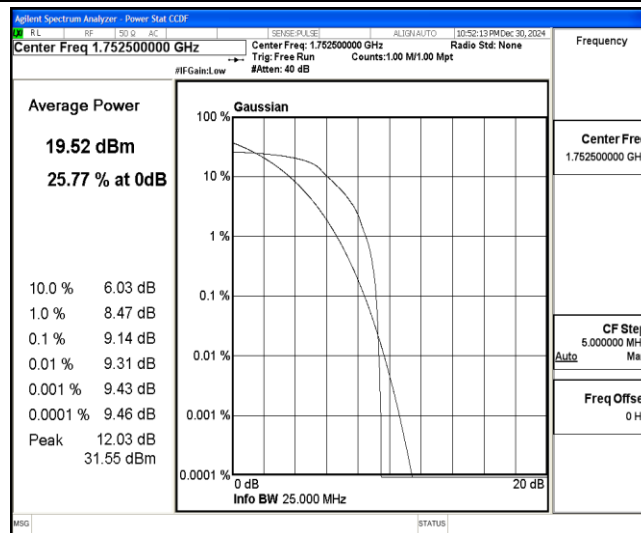


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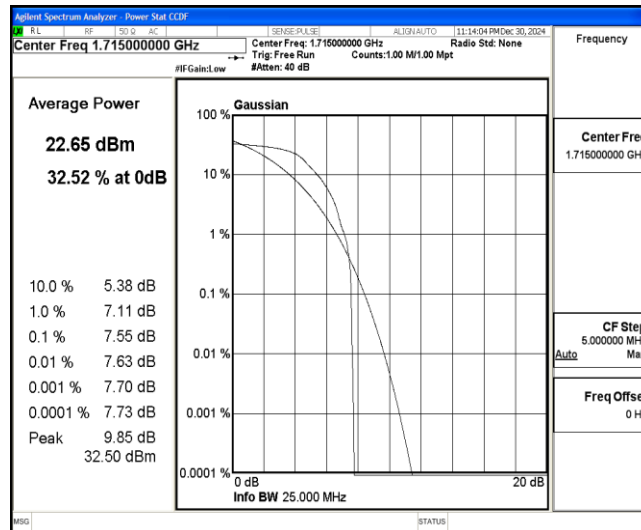
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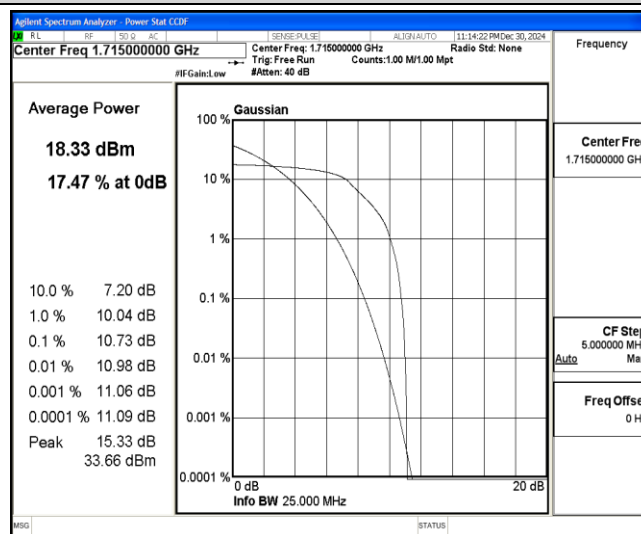
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Band4-5MHz-16QAM-20375-6-0-High-9.14-<=13-PASS



Band4-10MHz-QPSK-20000-1-0-Low-7.55-<=13-PASS



Band4-10MHz-QPSK-20000-6-0-Low-10.73-<=13-PASS

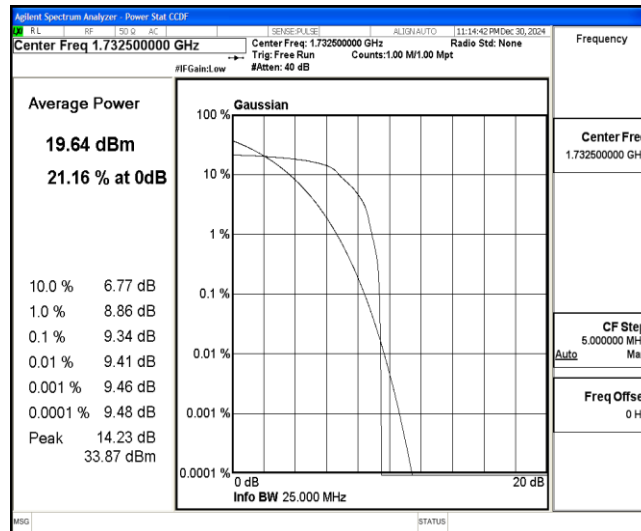


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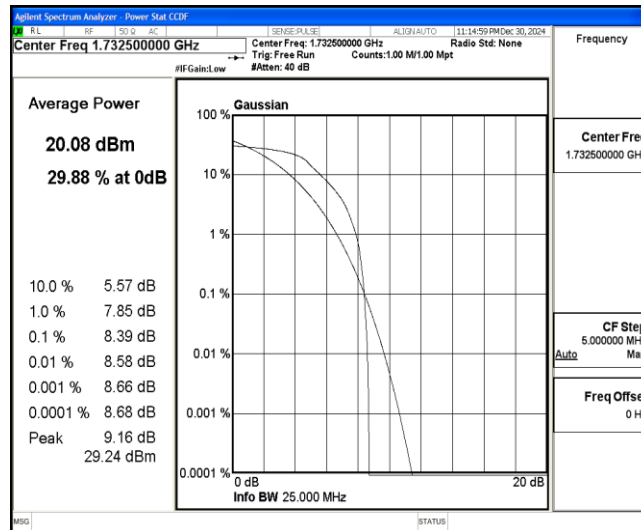
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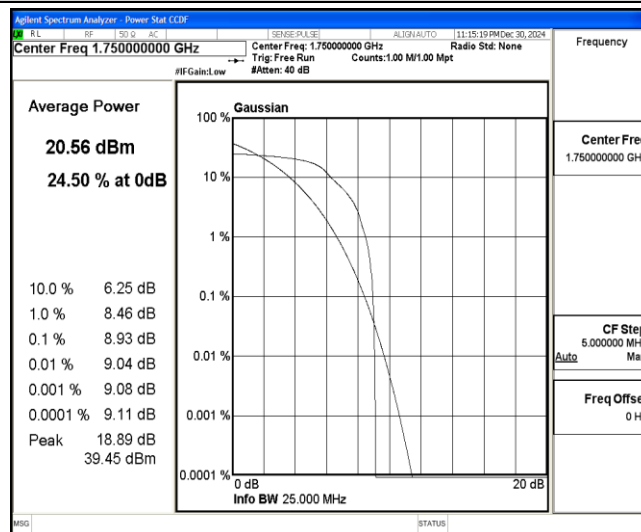
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Band4-10MHz-QPSK-20175-1-0-Low-9.34-<=13-PASS



Band4-10MHz-QPSK-20175-6-0-Low-8.39-<=13-PASS



Band4-10MHz-QPSK-20350-1-0-High-8.93-<=13-PASS

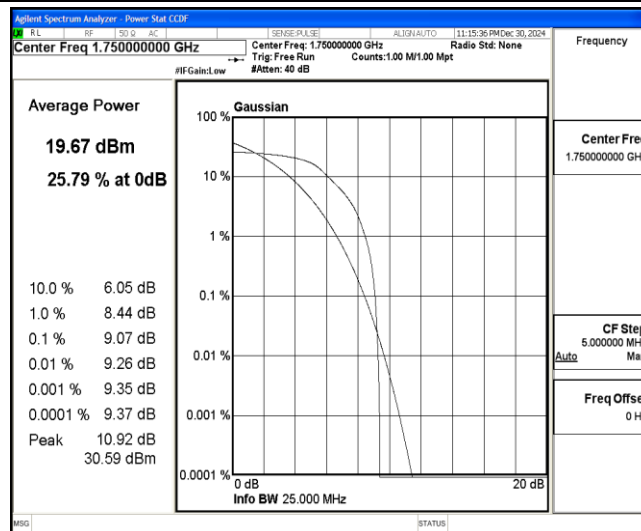


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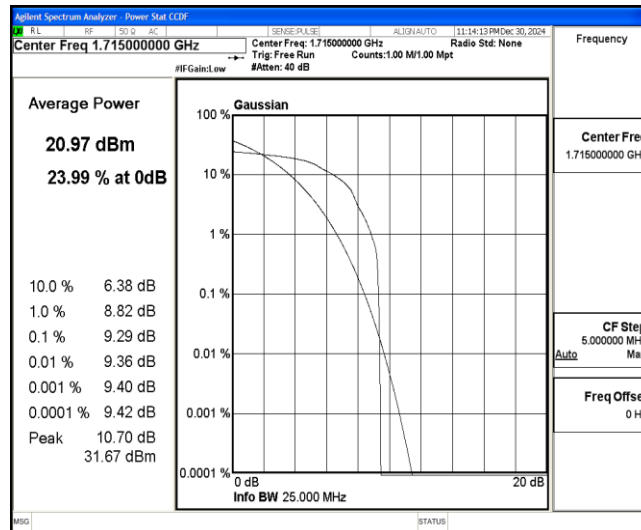
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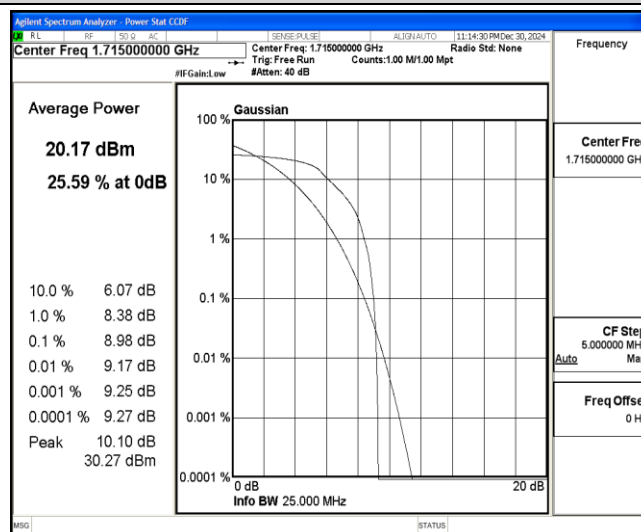
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Band4-10MHz-QPSK-20350-6-0-High-9.07-<=13-PASS



Band4-10MHz-16QAM-20000-1-0-Low-9.29-<=13-PASS



Band4-10MHz-16QAM-20000-6-0-Low-8.98-<=13-PASS

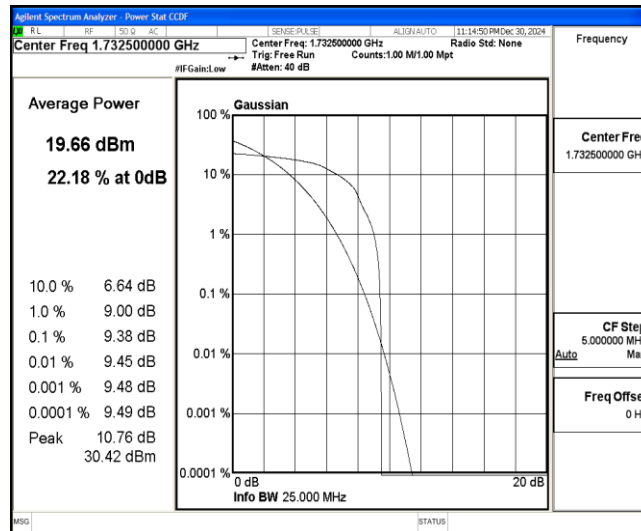


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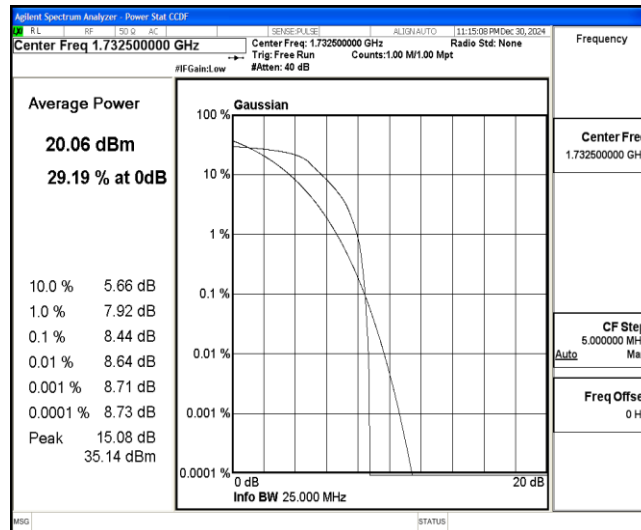
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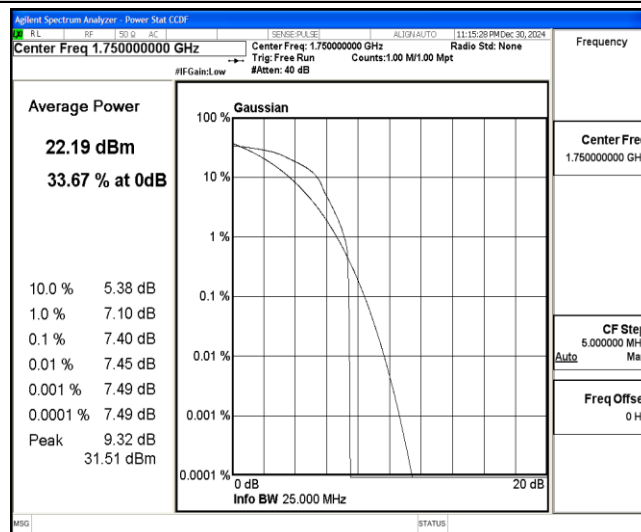
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Band4-10MHz-16QAM-20175-1-0-Low-9.38-<=13-PASS



Band4-10MHz-16QAM-20175-6-0-Low-8.44-<=13-PASS



Band4-10MHz-16QAM-20350-1-0-High-7.40-<=13-PASS

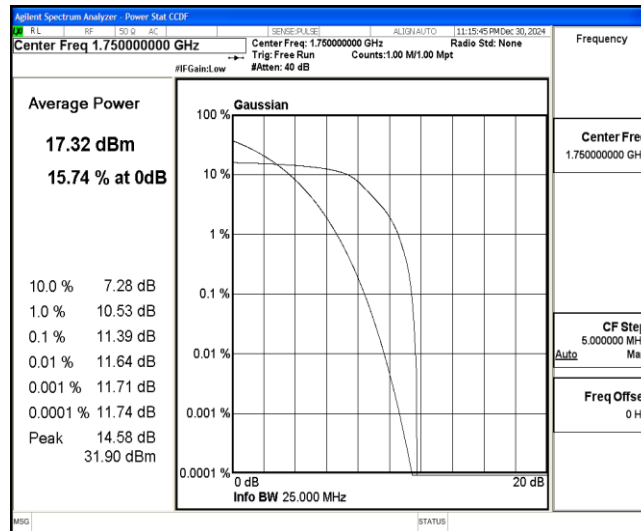


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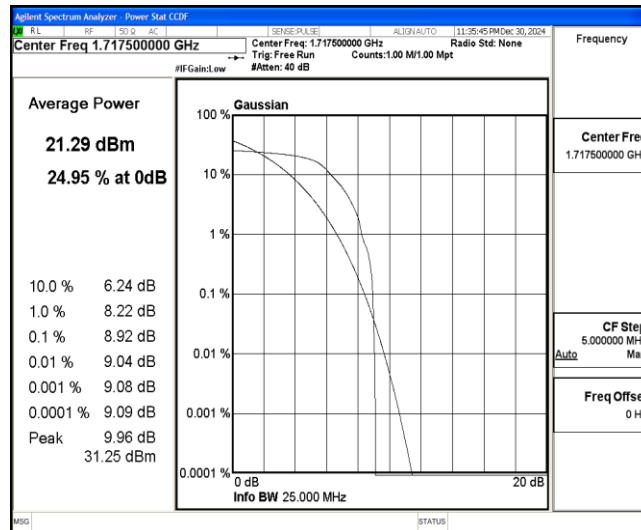
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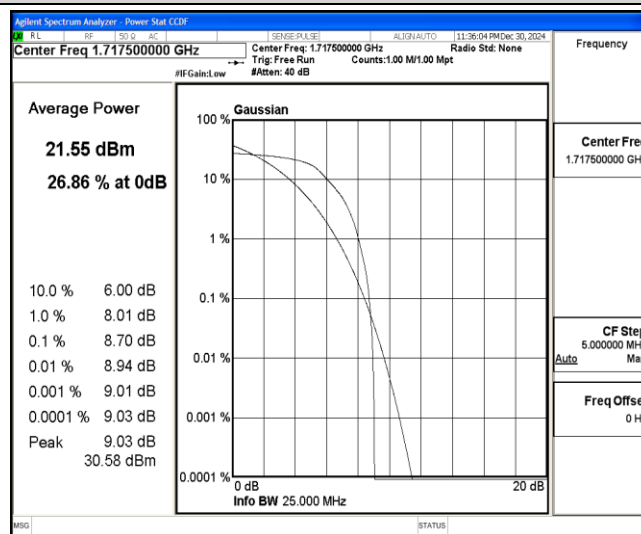
Scan code to check authenticity



Band4-10MHz-16QAM-20350-6-0-High-11.39-<=13-PASS



Band4-15MHz-QPSK-20025-1-0-Low-8.92-<=13-PASS



Band4-15MHz-QPSK-20025-6-0-Low-8.70-<=13-PASS

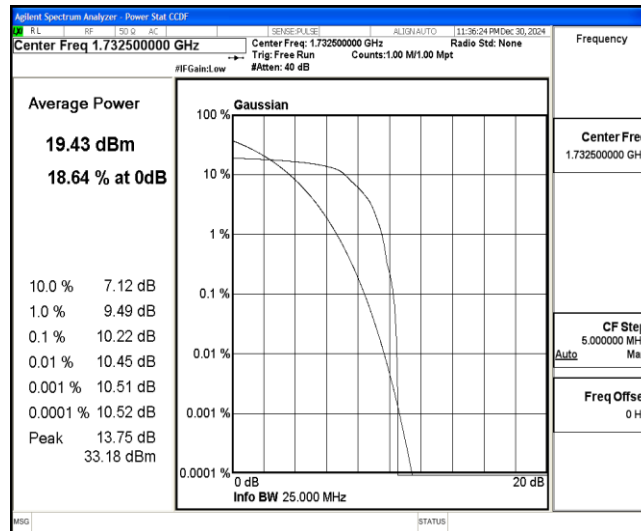


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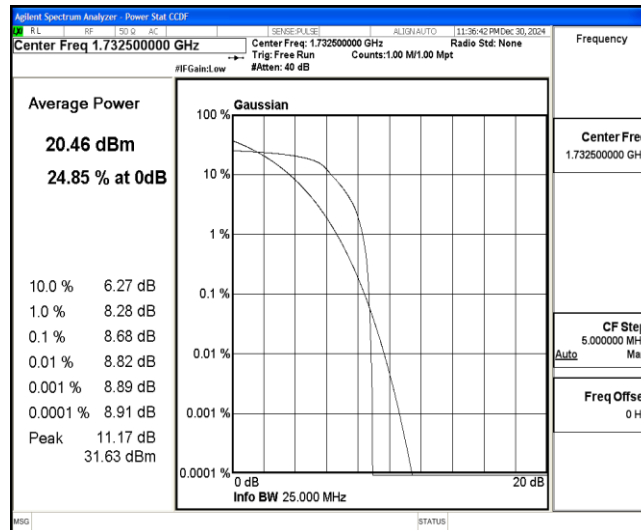
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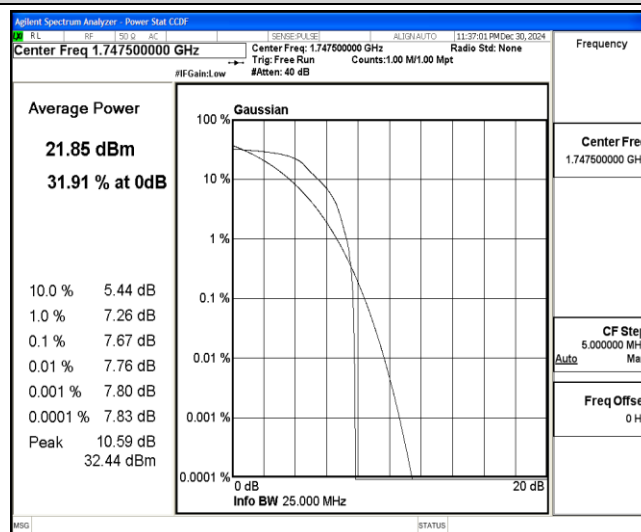
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Band4-15MHz-QPSK-20175-1-0-Low-10.22-<=13-PASS



Band4-15MHz-QPSK-20175-6-0-Low-8.68-<=13-PASS



Band4-15MHz-QPSK-20325-1-0-High-7.67-<=13-PASS

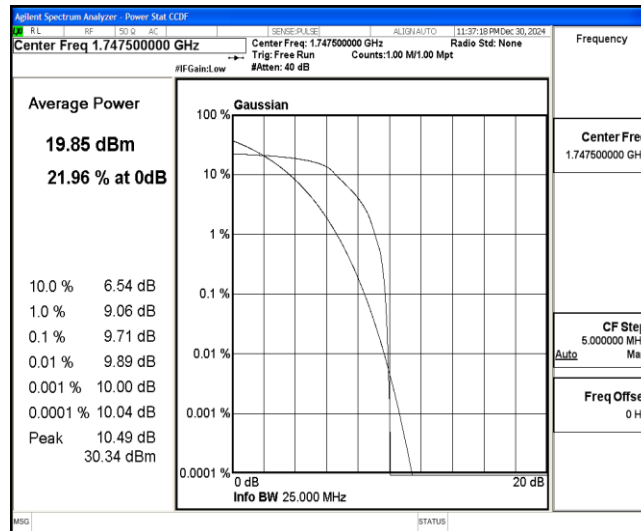


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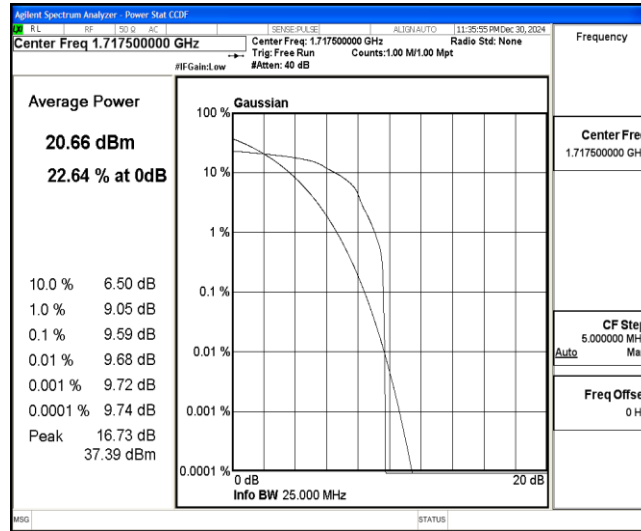
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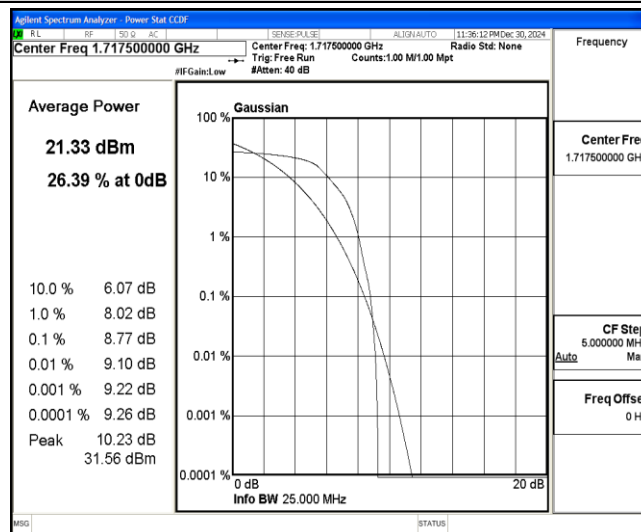
Scan code to check authenticity



Band4-15MHz-QPSK-20325-6-0-High-9.71-<=13-PASS



Band4-15MHz-16QAM-20025-1-0-Low-9.59-<=13-PASS



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

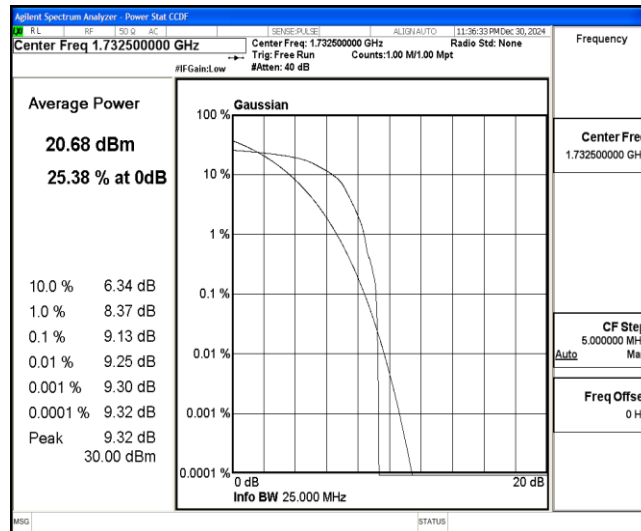


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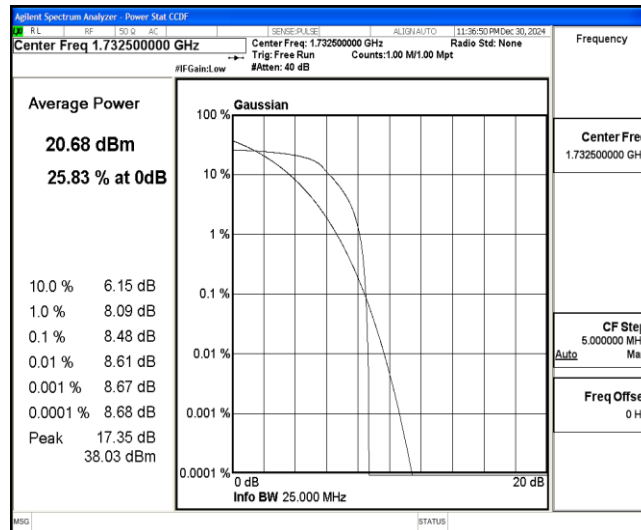
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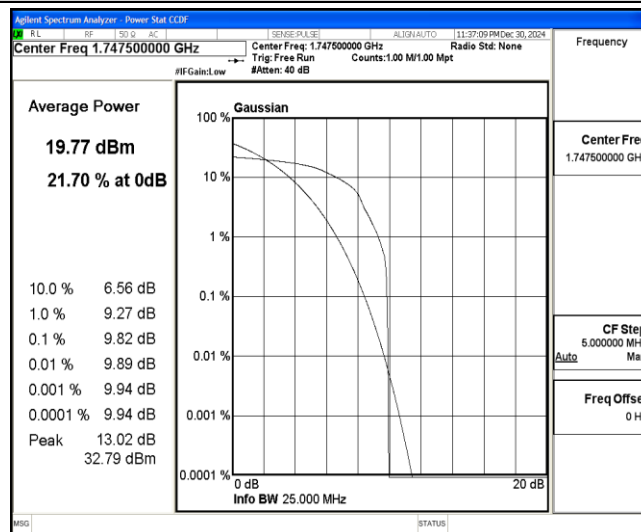
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Band4-15MHz-16QAM-20175-1-0-Low-9.13-<=13-PASS



Band4-15MHz-16QAM-20175-6-0-Low-8.48-<=13-PASS



Band4-15MHz-16QAM-20325-1-0-High-9.82-<=13-PASS

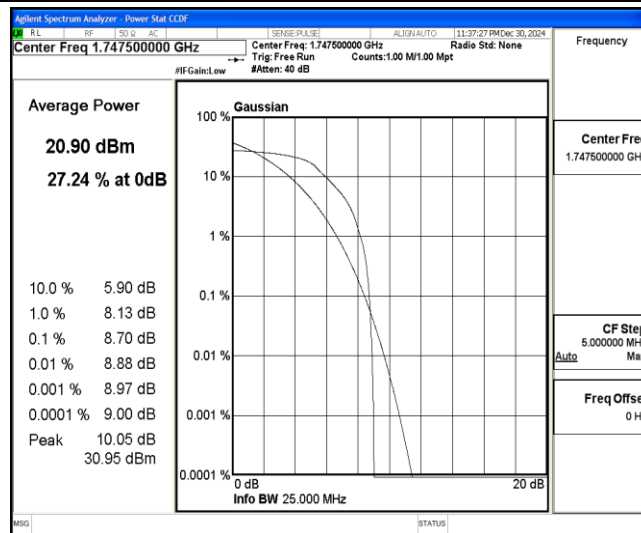


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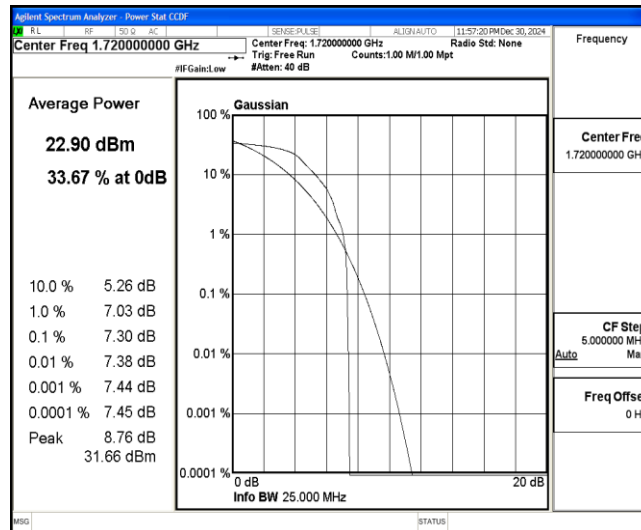
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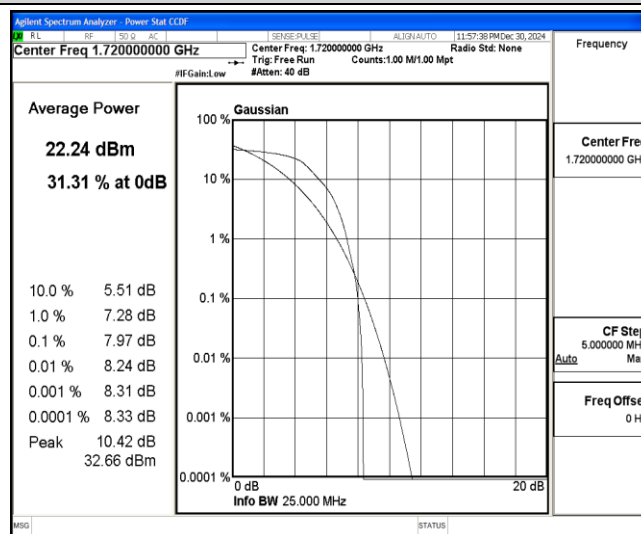
Scan code to check authenticity



Band4-15MHz-16QAM-20325-6-0-High-8.70-<=13-PASS



Band4-20MHz-QPSK-20050-1-0-Low-7.30-<=13-PASS



Band4-20MHz-QPSK-20050-6-0-Low-7.97-<=13-PASS

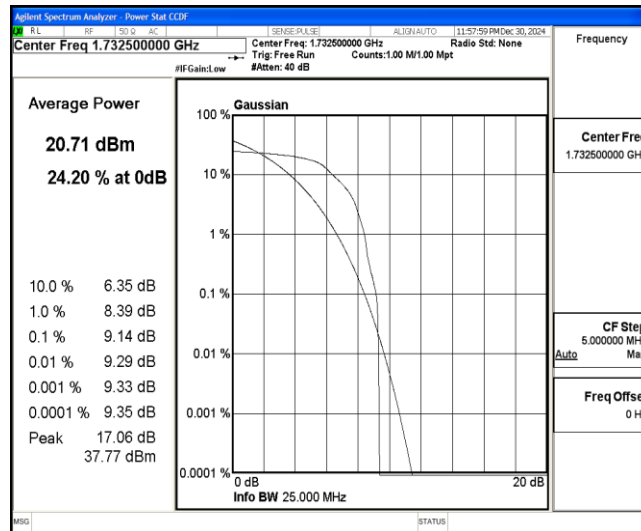


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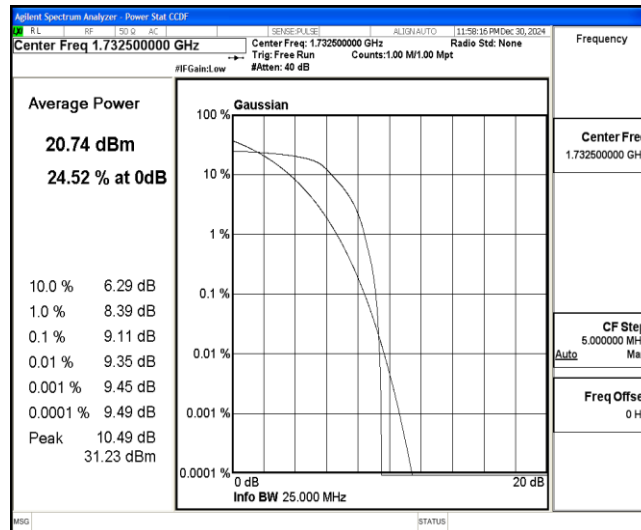
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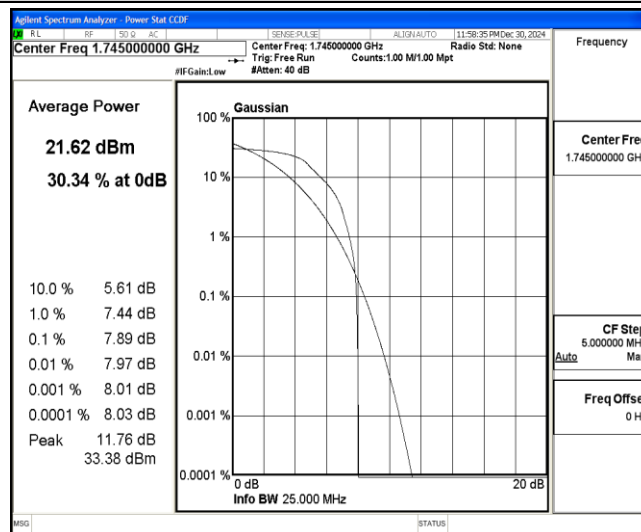
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Band4-20MHz-QPSK-20175-1-0-Low-9.14-<=13-PASS



Band4-20MHz-QPSK-20175-6-0-Low-9.11-<=13-PASS



Band4-20MHz-QPSK-20300-1-0-High-7.89-<=13-PASS

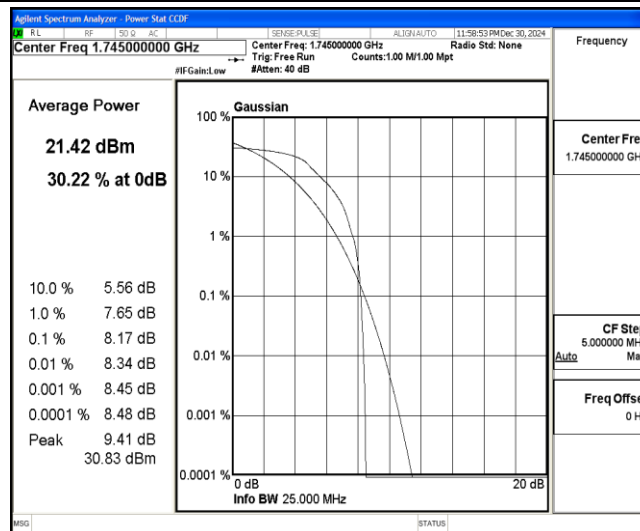


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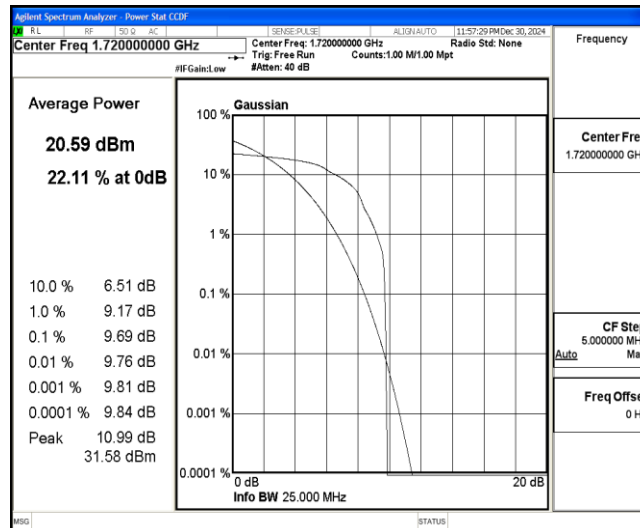
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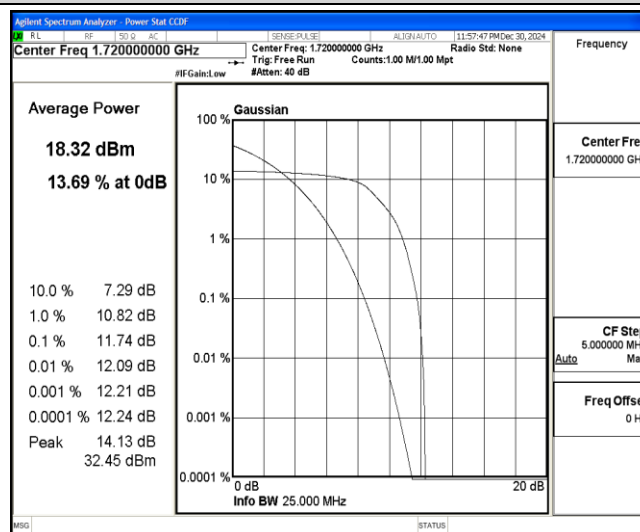
Scan code to check authenticity



Band4-20MHz-QPSK-20300-6-0-High-8.17-<=13-PASS



Band4-20MHz-16QAM-20050-1-0-Low-9.69-<=13-PASS



Band4-20MHz-16QAM-20050-6-0-Low-11.74-<=13-PASS

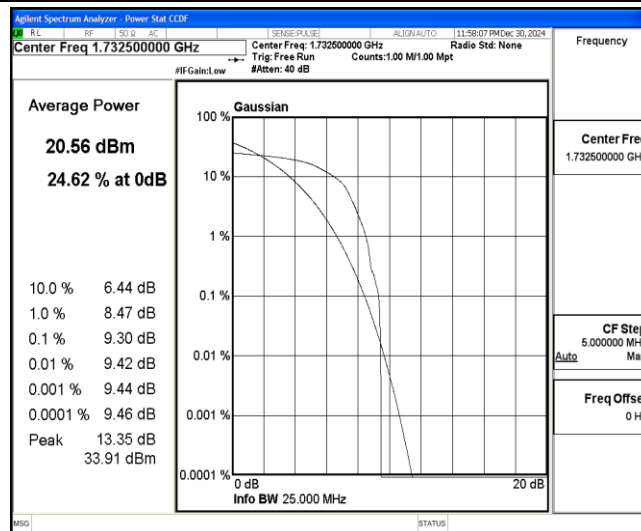


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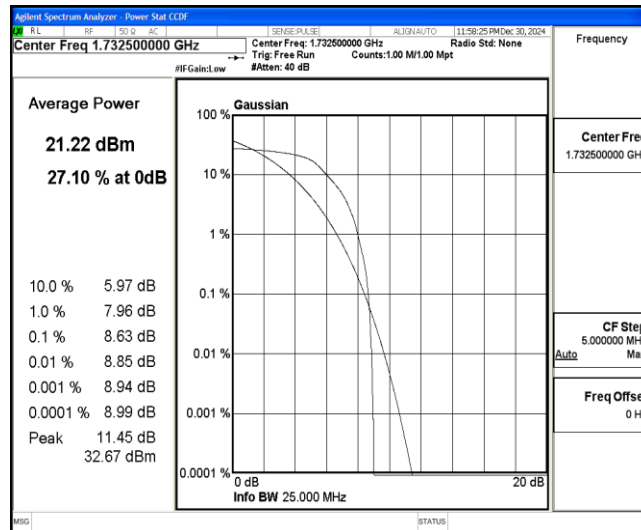
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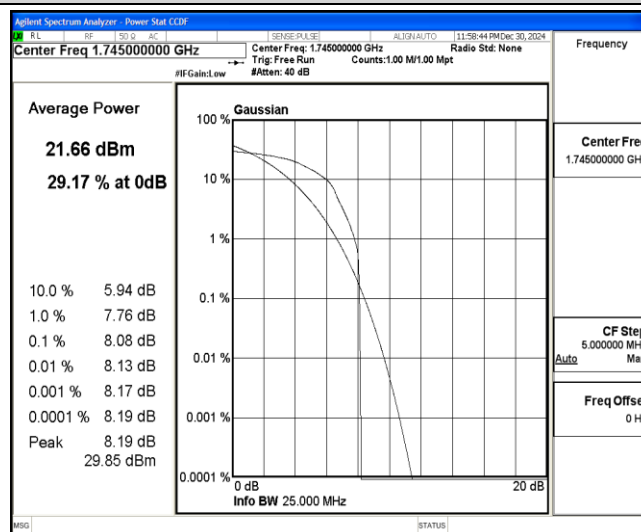
Scan code to check authenticity



Band4-20MHz-16QAM-20175-1-0-Low-9.30-<=13-PASS



Band4-20MHz-16QAM-20175-6-0-Low-8.63-<=13-PASS



Band4-20MHz-16QAM-20300-1-0-High-8.08-<=13-PASS

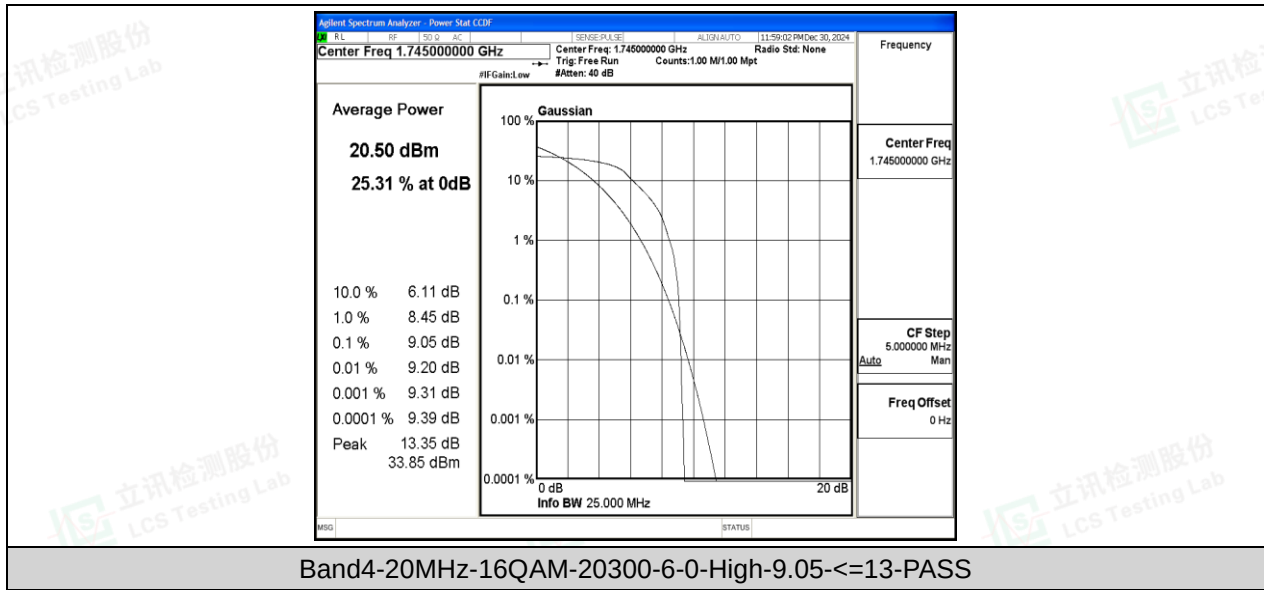


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C.3 26dB Bandwidth and Occupied Bandwidth for M1

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	1.0935	1.293	PASS
Band4	1.4MHz	20175	QPSK	6	0	Low	1.0914	1.265	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	1.0906	1.266	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	1.0961	1.290	PASS
Band4	1.4MHz	20175	16QAM	6	0	Low	1.0904	1.271	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	1.0876	1.264	PASS
Band4	3MHz	19965	QPSK	6	0	Low	1.1157	1.393	PASS
Band4	3MHz	20175	QPSK	6	0	Low	1.1155	1.416	PASS
Band4	3MHz	20385	QPSK	6	0	High	1.1150	1.519	PASS
Band4	3MHz	19965	16QAM	6	0	Low	1.1131	1.342	PASS
Band4	3MHz	20175	16QAM	6	0	Low	1.1090	1.310	PASS
Band4	3MHz	20385	16QAM	6	0	High	1.1209	1.515	PASS
Band4	5MHz	19975	QPSK	6	0	Low	1.1803	1.608	PASS
Band4	5MHz	20175	QPSK	6	0	Low	1.1823	1.654	PASS
Band4	5MHz	20375	QPSK	6	0	High	1.1837	1.649	PASS
Band4	5MHz	19975	16QAM	6	0	Low	1.1869	1.606	PASS
Band4	5MHz	20175	16QAM	6	0	Low	1.1826	1.609	PASS
Band4	5MHz	20375	16QAM	6	0	High	1.1793	1.572	PASS
Band4	10MHz	20000	QPSK	6	0	Low	1.3425	2.287	PASS
Band4	10MHz	20175	QPSK	6	0	Low	1.3528	2.191	PASS
Band4	10MHz	20350	QPSK	6	0	High	1.3591	2.004	PASS
Band4	10MHz	20000	16QAM	6	0	Low	1.3423	2.405	PASS
Band4	10MHz	20175	16QAM	6	0	Low	1.3616	2.212	PASS
Band4	10MHz	20350	16QAM	6	0	High	1.3578	2.038	PASS
Band4	15MHz	20025	QPSK	6	0	Low	1.7438	3.515	PASS
Band4	15MHz	20175	QPSK	6	0	Low	1.5962	3.184	PASS
Band4	15MHz	20325	QPSK	6	0	High	1.5279	2.612	PASS
Band4	15MHz	20025	16QAM	6	0	Low	1.6616	3.360	PASS
Band4	15MHz	20175	16QAM	6	0	Low	1.5803	3.113	PASS
Band4	15MHz	20325	16QAM	6	0	High	1.5401	2.532	PASS
Band4	20MHz	20050	QPSK	6	0	Low	2.1498	4.150	PASS
Band4	20MHz	20175	QPSK	6	0	Low	2.1087	4.214	PASS
Band4	20MHz	20300	QPSK	6	0	High	1.9622	3.478	PASS



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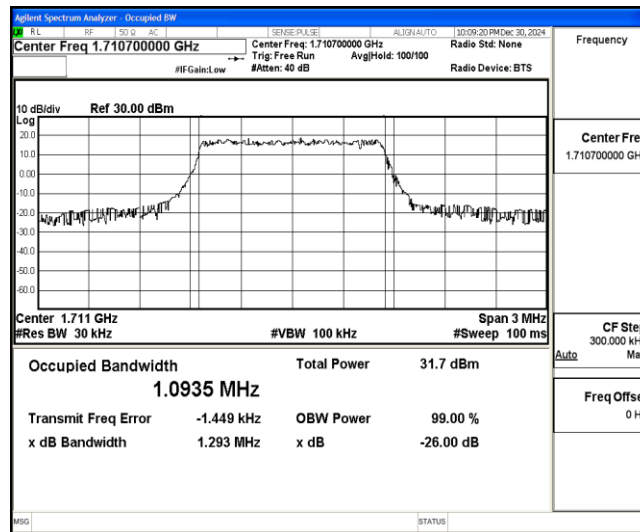


Band4	20MHz	20050	16QAM	6	0	Low	2.1824	4.455	PASS
Band4	20MHz	20175	16QAM	6	0	Low	2.1713	4.578	PASS
Band4	20MHz	20300	16QAM	6	0	High	1.9727	3.737	PASS

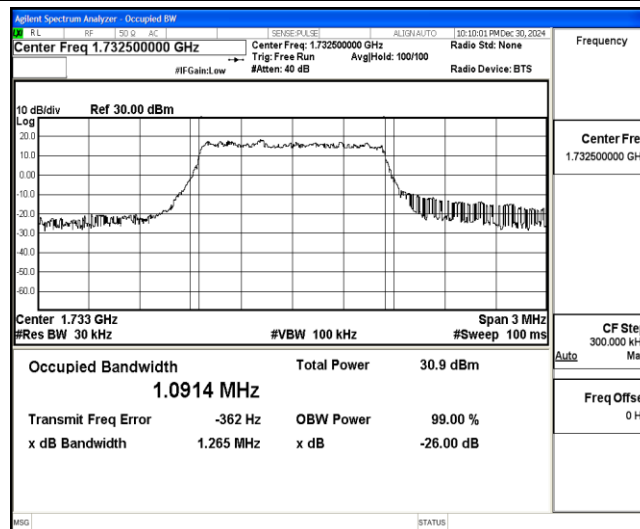




Test Graphs



Band4-1.4MHz-QPSK-19957-6-0-Low-1.0935-1.293-PASS



Band4-1.4MHz-QPSK-20175-6-0-Low-1.0914-1.265-PASS

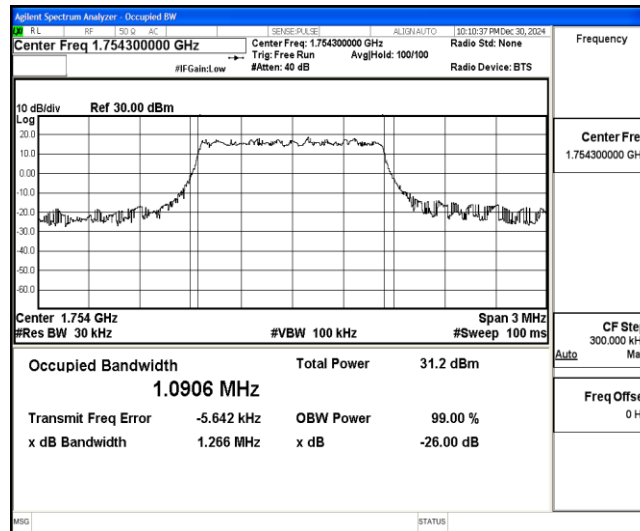


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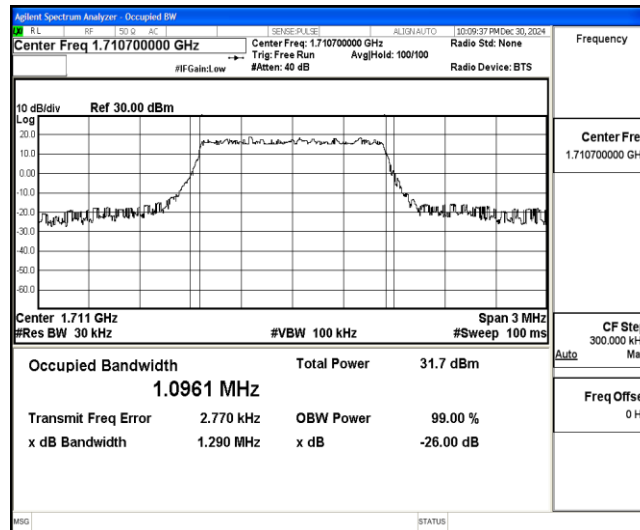
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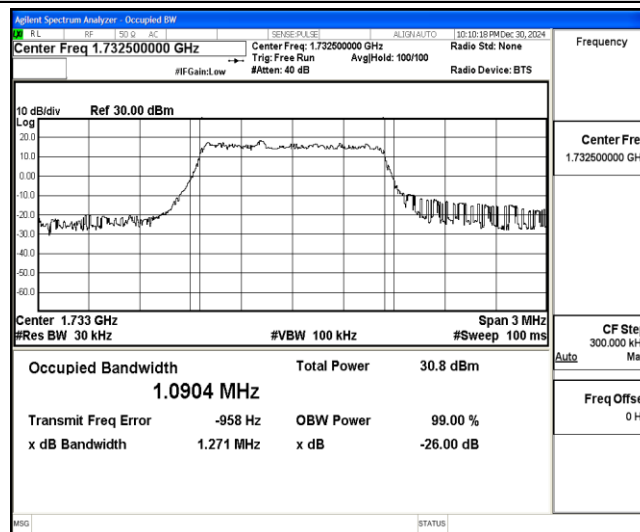
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Band4-1.4MHz-QPSK-20393-6-0-High-1.0906-1.266-PASS



Band4-1.4MHz-16QAM-19957-6-0-Low-1.0961-1.290-PASS



Band4-1.4MHz-16QAM-20175-6-0-Low-1.0904-1.271-PASS

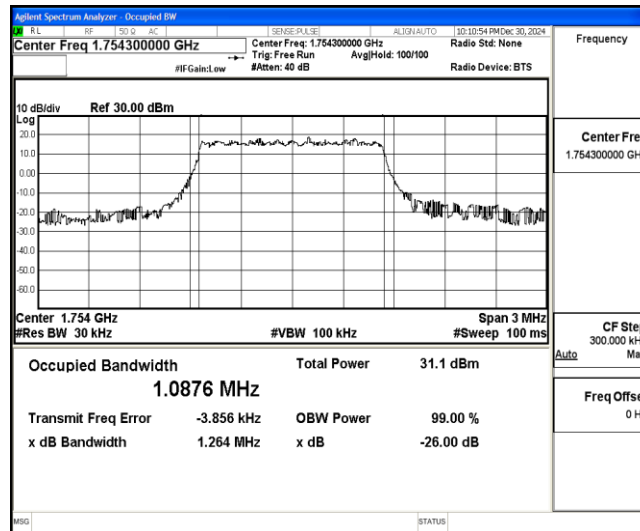


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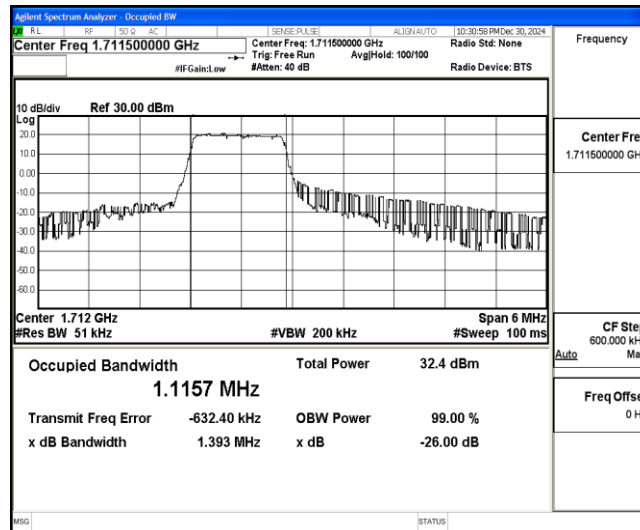
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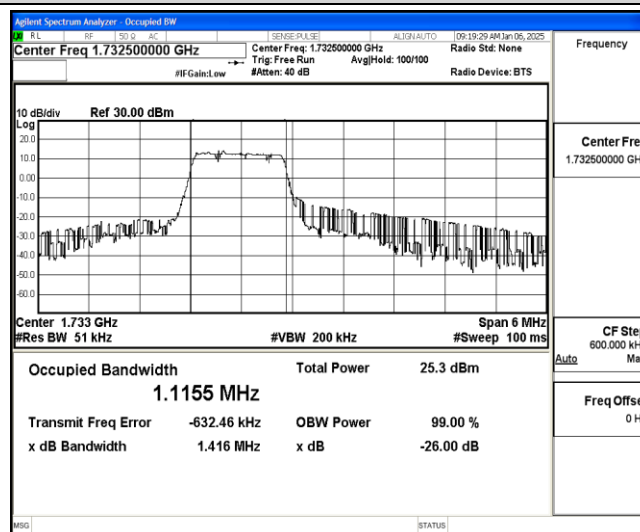
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Band4-1.4MHz-16QAM-20393-6-0-High-1.0876-1.264-PASS



Band4-3MHz-QPSK-19965-6-0-Low-1.1157-1.393-PASS



Band4-3MHz-QPSK-20175-6-0-Low-1.1155-1.416-PASS

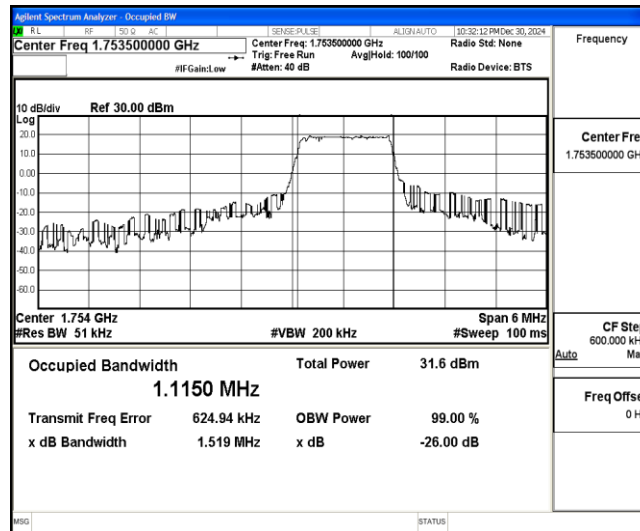


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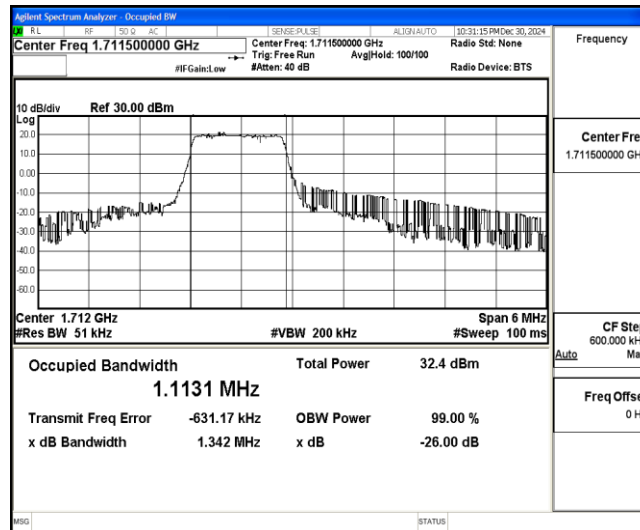
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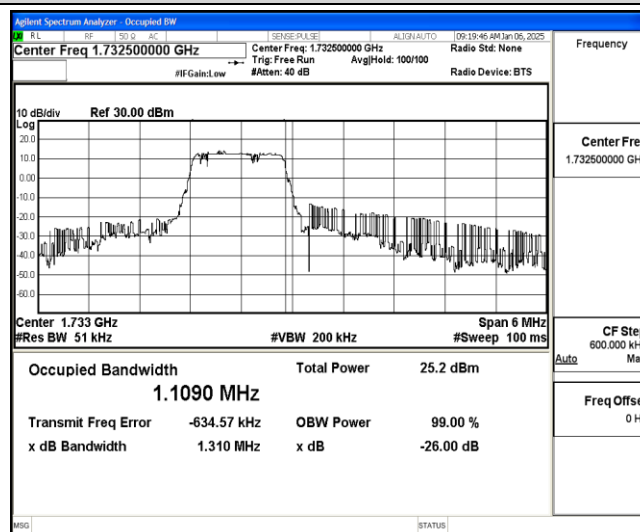
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Band4-3MHz-QPSK-20385-6-0-High-1.1150-1.519-PASS



Band4-3MHz-16QAM-19965-6-0-Low-1.1131-1.342-PASS



Band4-3MHz-16QAM-20175-6-0-Low-1.1090-1.310-PASS



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