

LTE Test Data

General Description of EUT	
Product Name:	Mobile phone
Test Model:	RS1
Sample ID:	HC-C-202404-0014-01-02#
Environmental Conditions	
Temperature:	22.0℃-25℃
Relative Humidity:	43%-55%
Test Voltage:	DC 3.7V
Test Engineer:	Mike Yan
Note: For a more detailed features description, please refer to the report TBR-C-202404-0014-32 . The report only show the worst case data.	

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1: Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.51	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.57	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.53	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.54	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.56	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.59	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.64	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.47	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.48	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.44	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.52	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.54	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.63	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.66	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.73	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.69	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.68	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.72	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.73	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.73	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.69	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.79	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.71	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.75	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.70	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.78	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.77	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.87	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.38	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.39	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.35	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.83	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.86	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.82	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.85	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.92	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.93	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.92	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.80	PASS

Band7	5MHz	16QAM	21425	12RB#6	20.89	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.78	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.86	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.68	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.59	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.75	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.74	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.62	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.62	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.63	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.55	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.58	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.56	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.71	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.79	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.71	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.75	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.87	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.02	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.84	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.79	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.76	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.83	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.82	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.76	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.77	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.99	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.93	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.99	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.04	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.42	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.30	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.36	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.77	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.85	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.81	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.29	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.32	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.19	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.13	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.14	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.06	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.46	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.48	PASS

Band7	15MHz	QPSK	20825	1RB#74	22.68	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.74	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.76	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.75	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.69	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.33	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.19	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.18	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.62	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.65	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.67	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.64	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.56	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.58	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.51	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.64	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.71	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.71	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.78	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.26	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.40	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.52	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.73	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.76	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.75	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.24	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.10	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.12	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.73	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.66	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.67	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.91	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.83	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.69	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.71	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.71	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.71	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.71	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.63	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.78	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.63	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.51	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.79	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.79	PASS

Band7	20MHz	QPSK	21100	1RB#0	22.82	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.57	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.59	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.71	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.68	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.49	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.71	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.85	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.75	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.79	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.77	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.72	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.83	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.72	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.64	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.75	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.89	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.97	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.66	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.79	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.22	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.16	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.13	PASS

2: Peak-to-Average Ratio(CCDF)

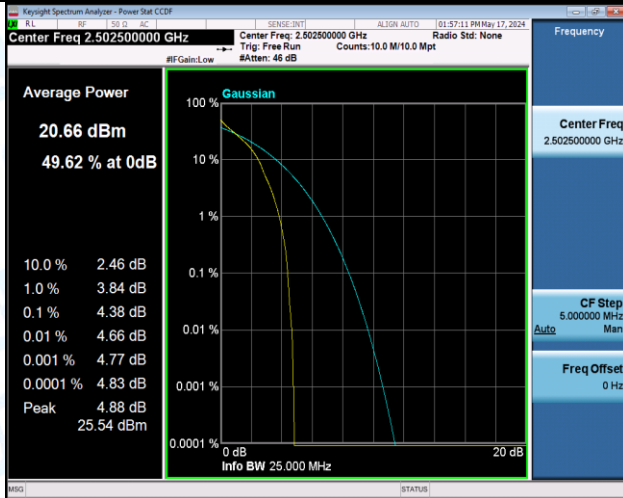
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.38	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.14	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	3.98	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.76	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	3.13	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	3.71	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.03	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.89	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	4.62	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.55	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	3.77	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.48	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.03	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.20	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	3.68	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.66	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	3.96	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.11	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.49	13	PASS
Band7	10MHz	16QAM	20800	27RB#0	5.76	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	4.27	13	PASS
Band7	10MHz	16QAM	21100	27RB#0	5.11	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	3.90	13	PASS
Band7	10MHz	16QAM	21400	27RB#0	4.98	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.04	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.66	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	3.88	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.02	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.68	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	4.64	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.53	13	PASS
Band7	15MHz	16QAM	20825	27RB#0	5.75	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	4.27	13	PASS
Band7	15MHz	16QAM	21100	27RB#0	5.01	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	4.54	13	PASS
Band7	15MHz	16QAM	21375	27RB#0	5.55	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.37	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.45	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.10	13	PASS

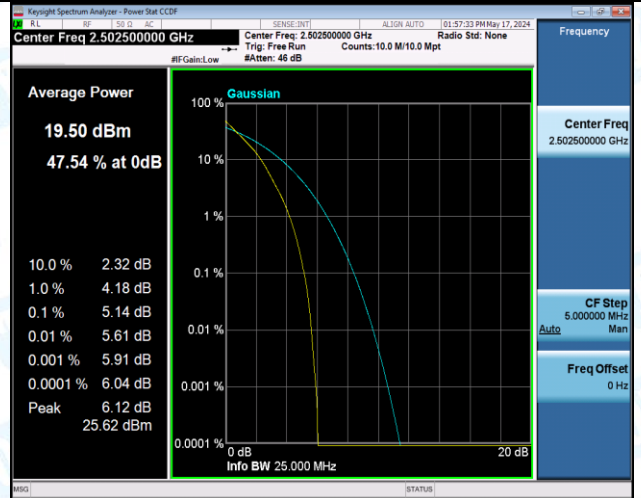
Band7	20MHz	QPSK	21100	100RB#0	5.20	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.62	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.86	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.62	13	PASS
Band7	20MHz	16QAM	20850	27RB#0	5.87	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	4.03	13	PASS
Band7	20MHz	16QAM	21100	27RB#0	5.11	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.27	13	PASS
Band7	20MHz	16QAM	21350	27RB#0	5.87	13	PASS

Test Graphs

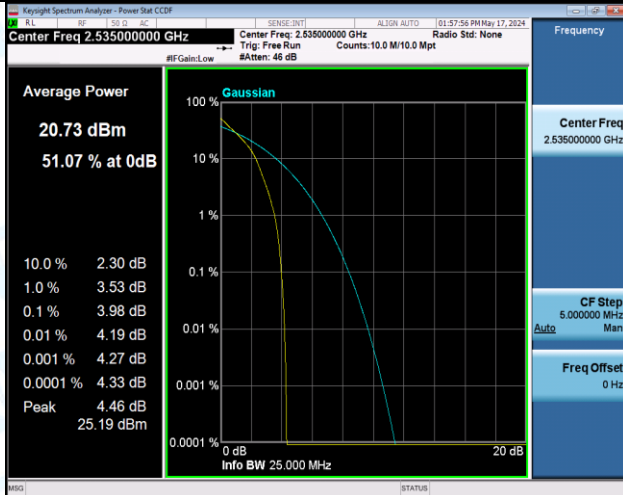
Band7-5MHz-QPSK-20775-1RB#0-PASS



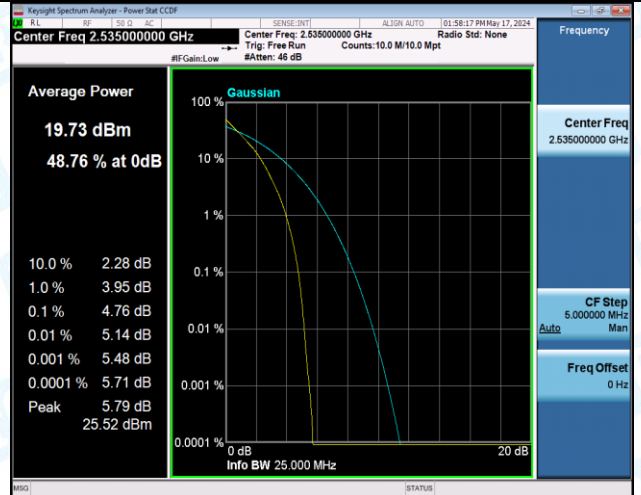
Band7-5MHz-QPSK-20775-25RB#0-PASS



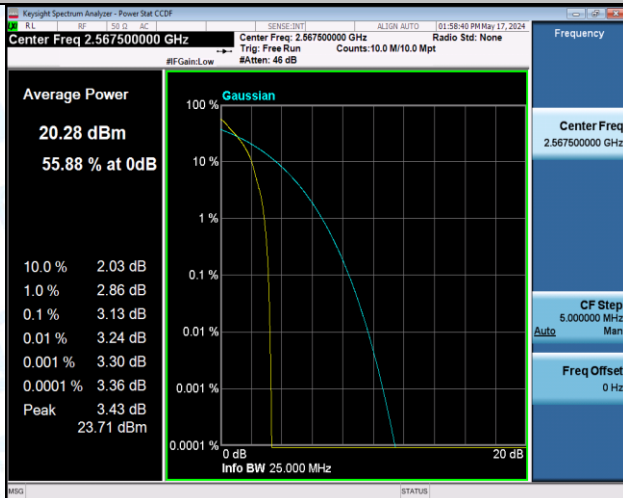
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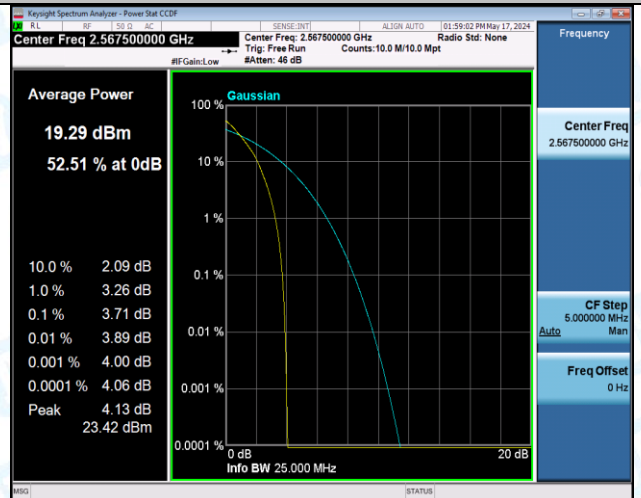
Band7-5MHz-QPSK-21100-25RB#0-PASS



Band7-5MHz-QPSK-21425-1RB#0-PASS

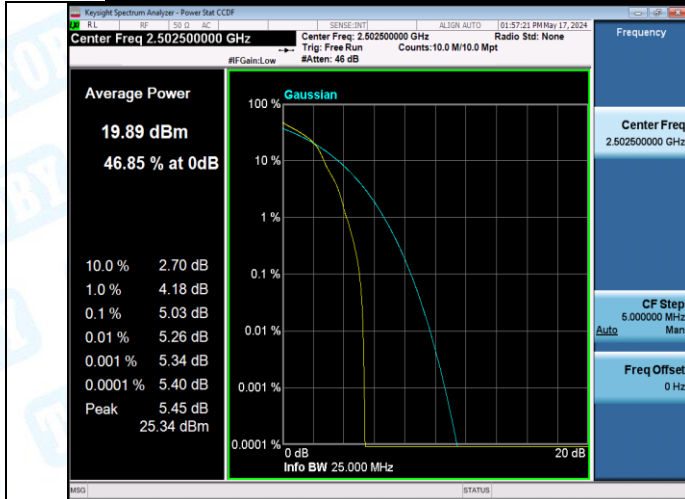


Band7-5MHz-QPSK-21425-25RB#0-PASS

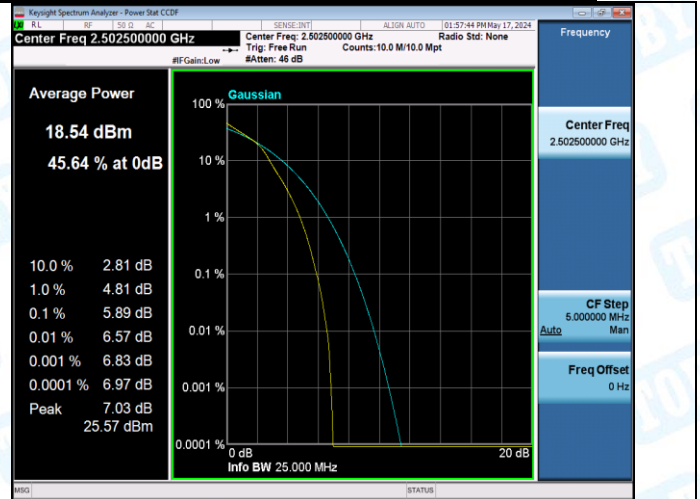


Band7-5MHz-16QAM-20775-1RB#0-PASS

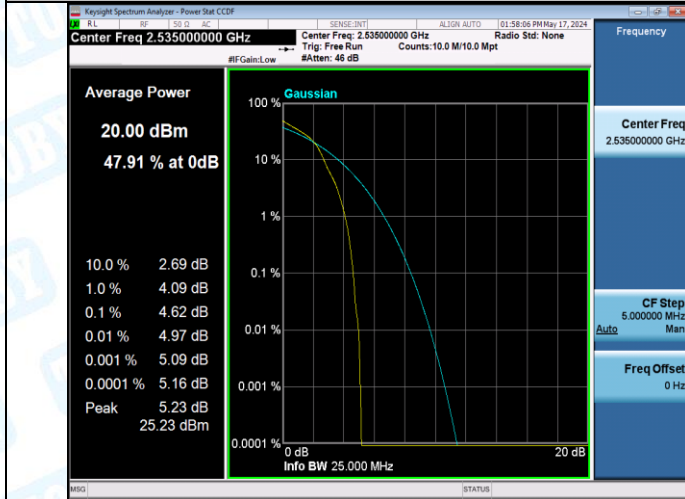
Band7-5MHz-16QAM-20775-25RB#0-PASS



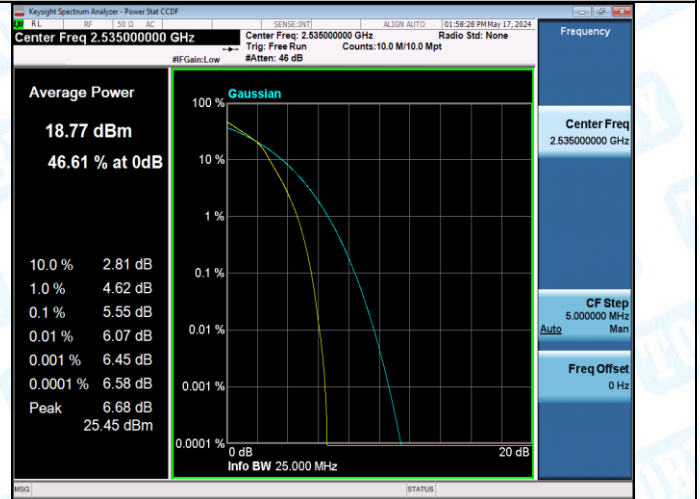
Band7-5MHz-16QAM-21100-1RB#0-PASS



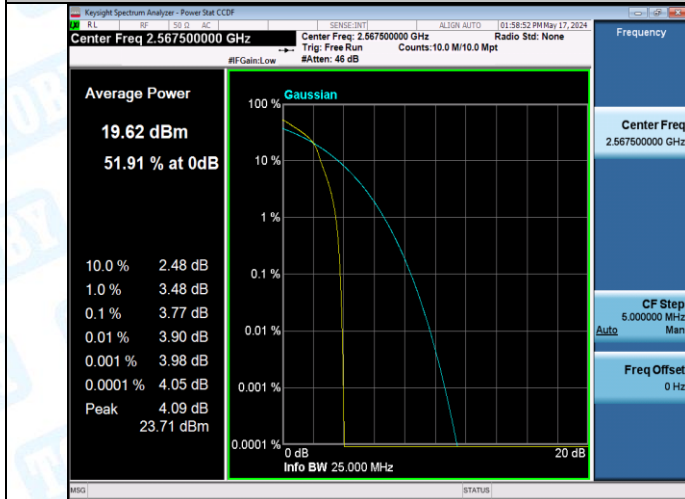
Band7-5MHz-16QAM-21100-25RB#0-PASS



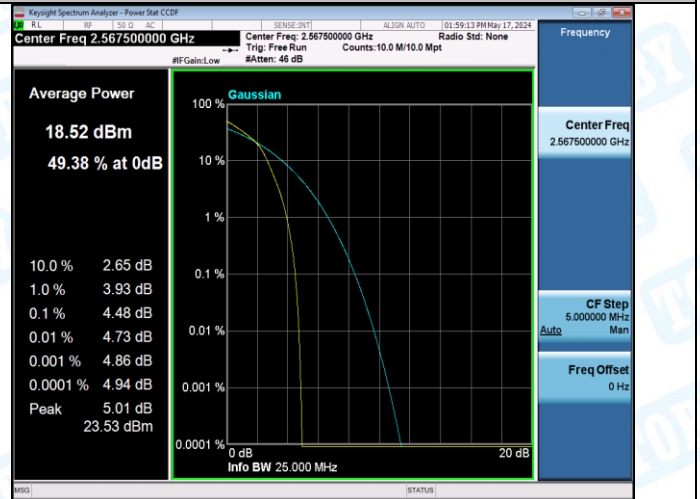
Band7-5MHz-16QAM-21425-1RB#0-PASS



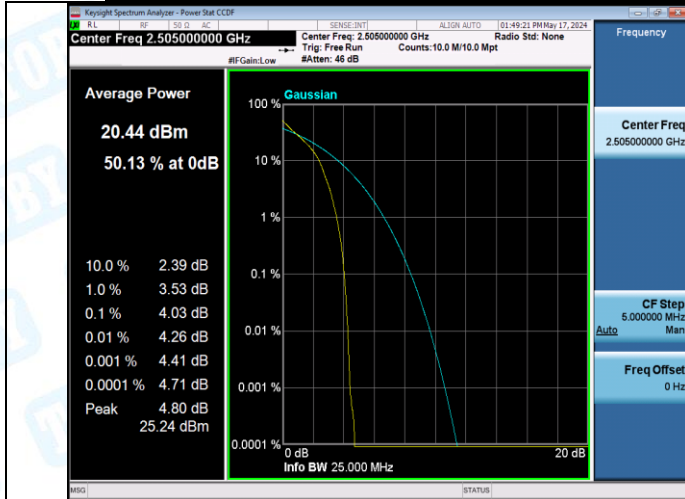
Band7-5MHz-16QAM-21425-25RB#0-PASS



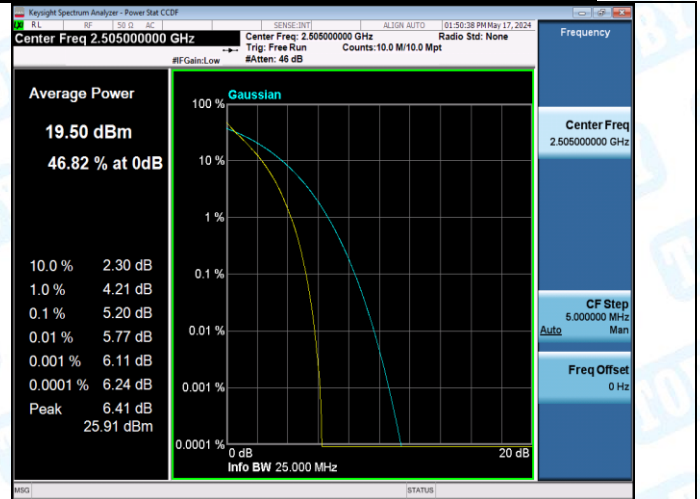
Band7-10MHz-QPSK-20800-1RB#0-PASS



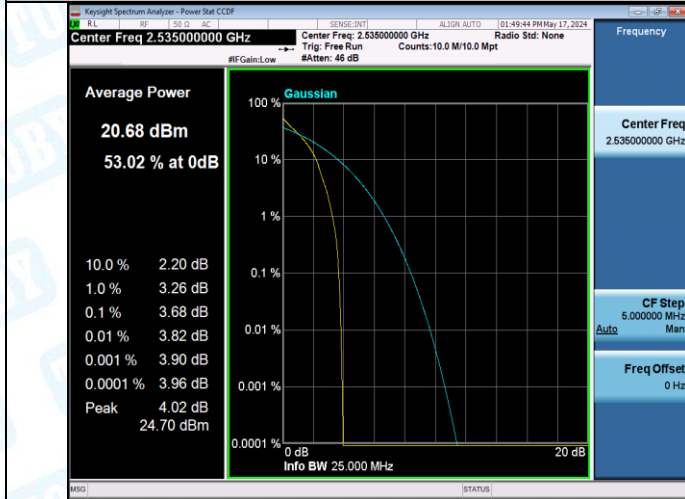
Band7-10MHz-QPSK-20800-50RB#0-PASS



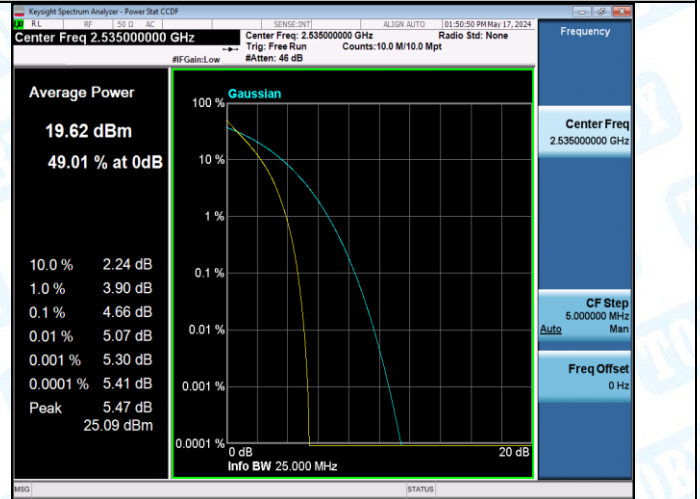
Band7-10MHz-QPSK-21100-1RB#0-PASS



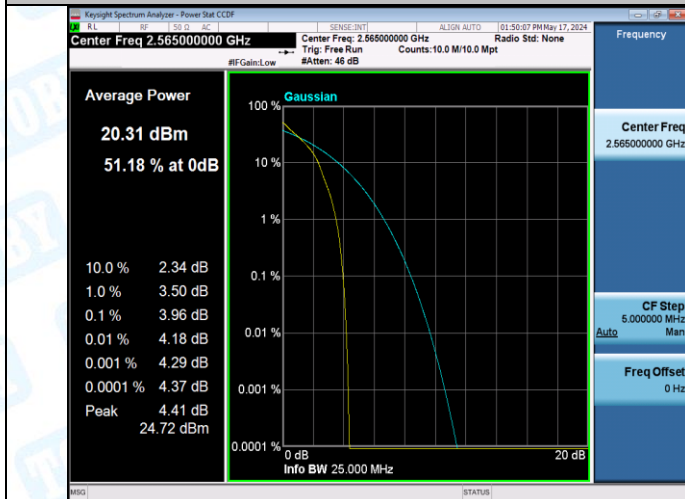
Band7-10MHz-QPSK-21100-50RB#0-PASS



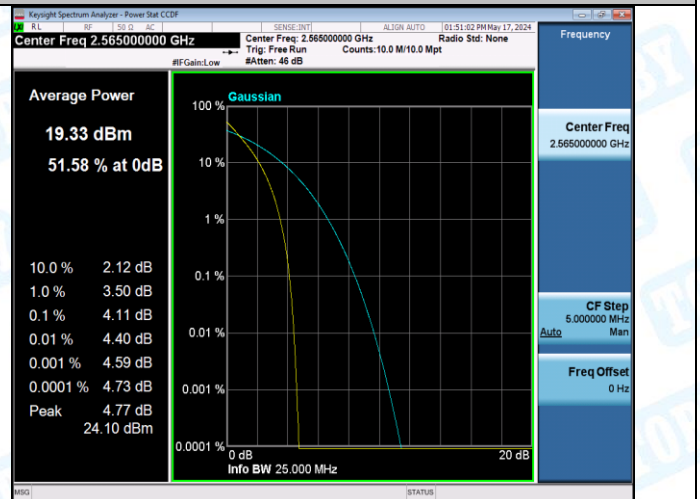
Band7-10MHz-QPSK-21400-1RB#0-PASS



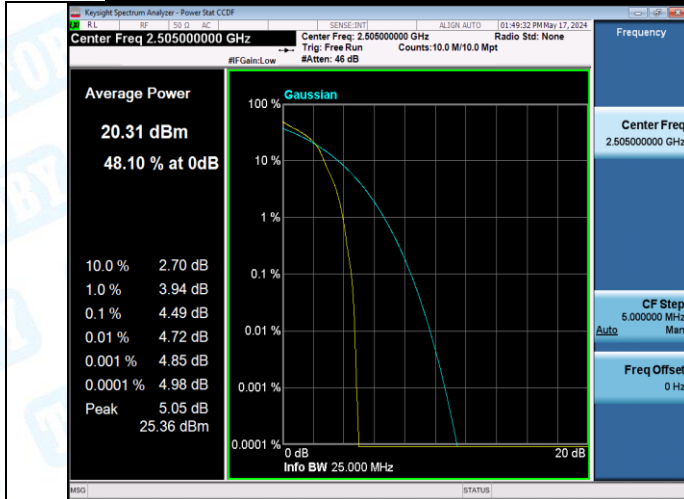
Band7-10MHz-QPSK-21400-50RB#0-PASS



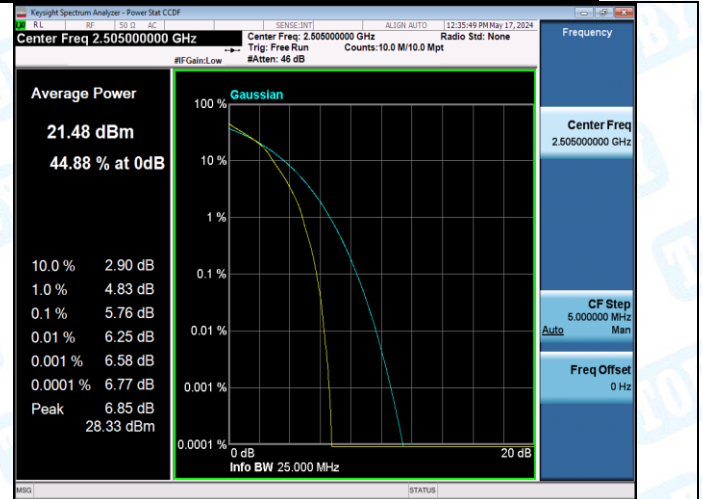
Band7-10MHz-16QAM-20800-1RB#0-PASS



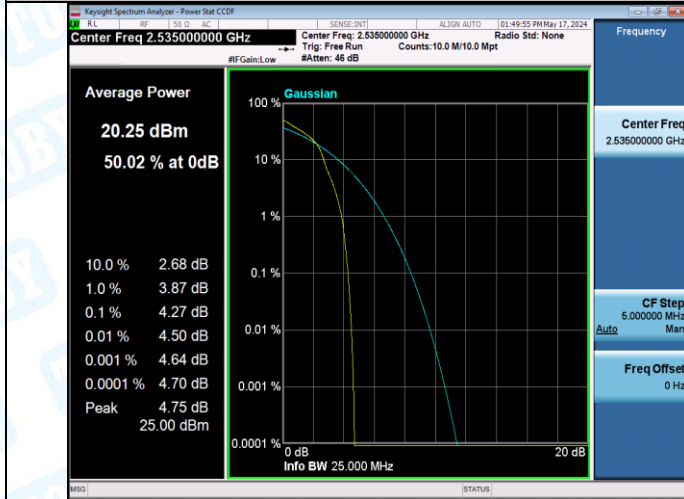
Band7-10MHz-16QAM-20800-27RB#0-PASS



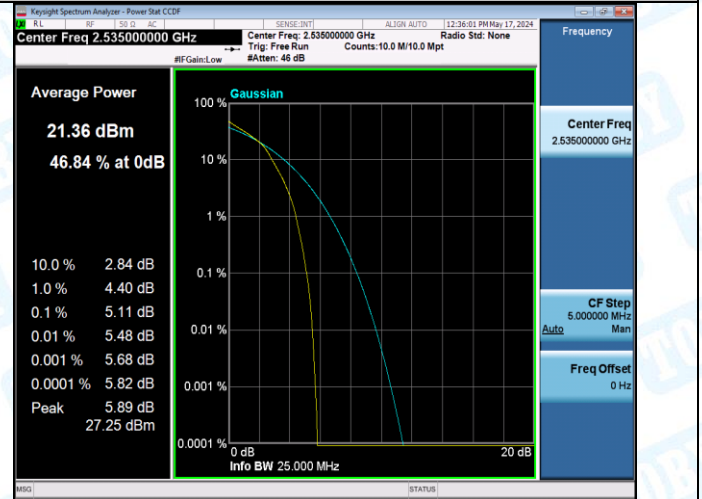
Band7-10MHz-16QAM-21100-1RB#0-PASS



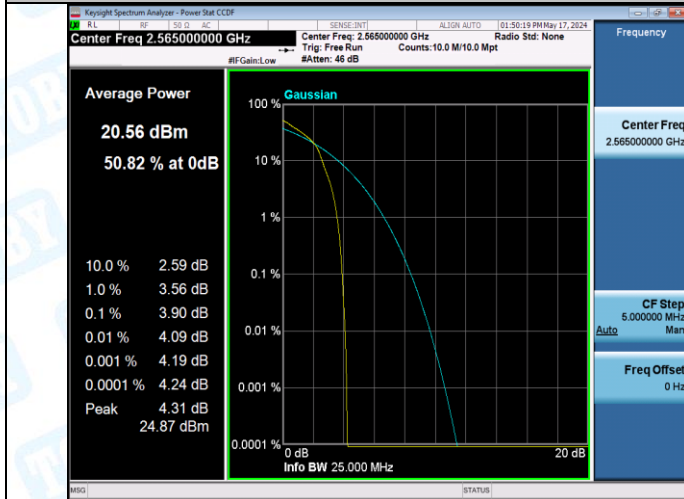
Band7-10MHz-16QAM-21100-27RB#0-PASS



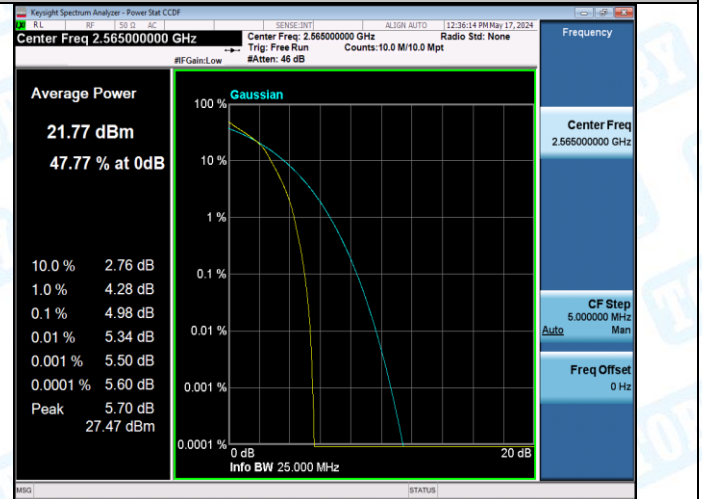
Band7-10MHz-16QAM-21400-1RB#0-PASS



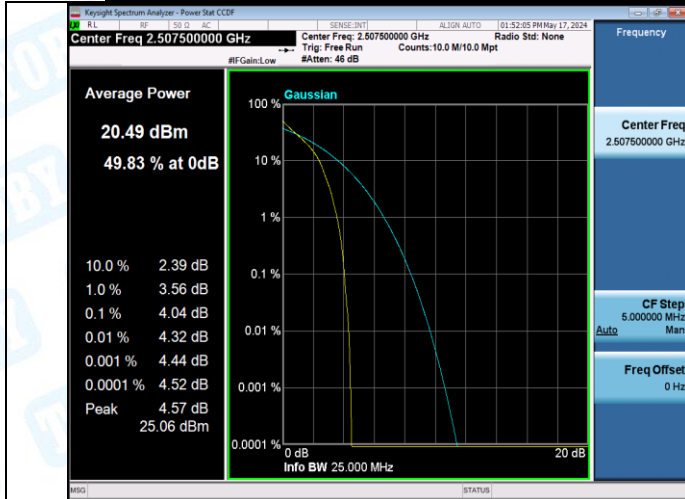
Band7-10MHz-16QAM-21400-27RB#0-PASS



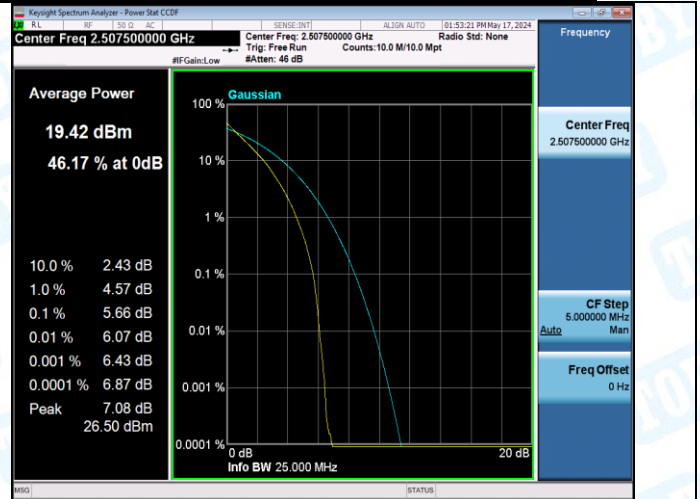
Band7-15MHz-QPSK-20825-1RB#0-PASS



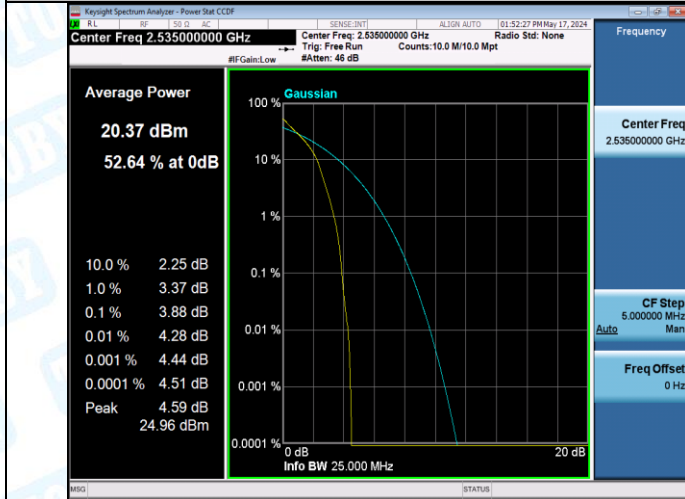
Band7-15MHz-QPSK-20825-75RB#0-PASS



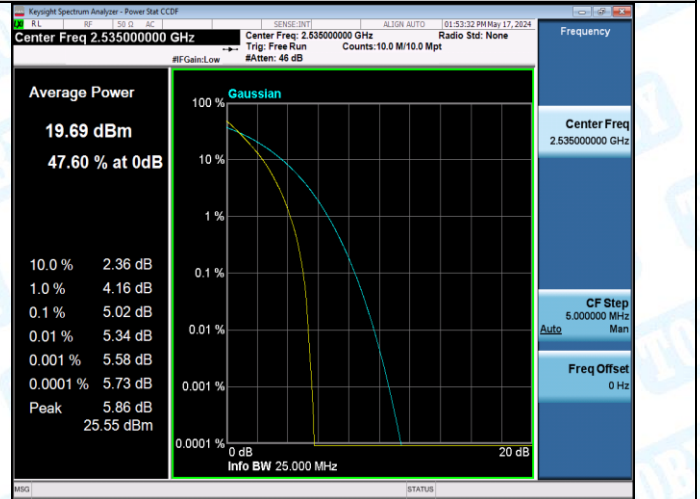
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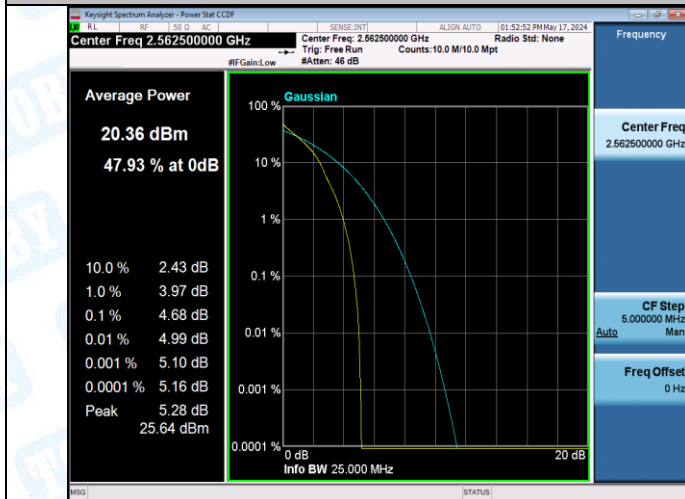
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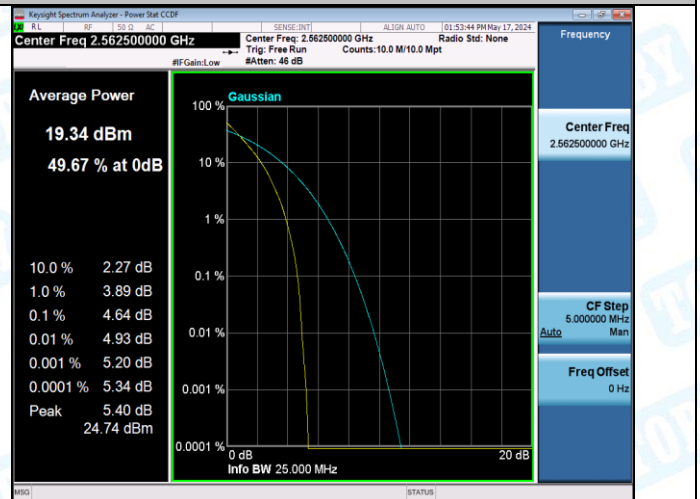
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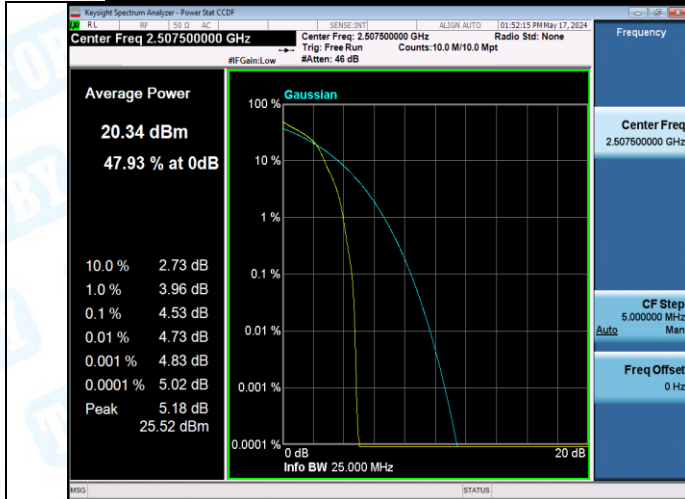
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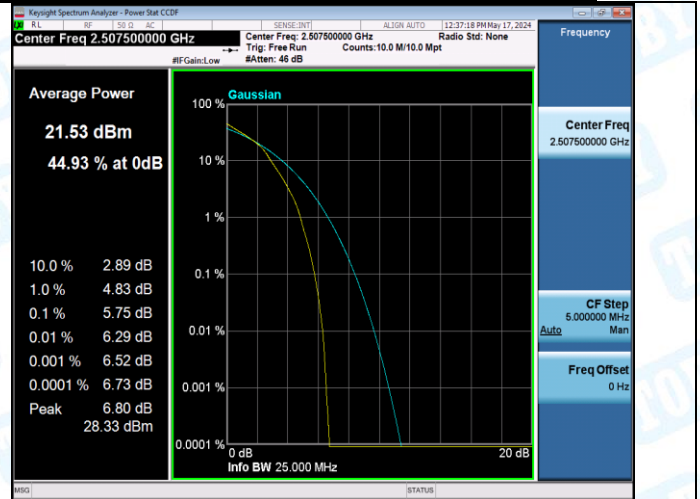
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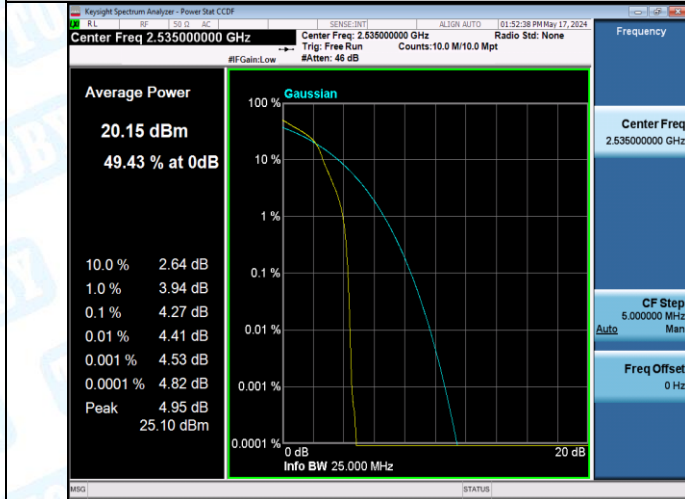
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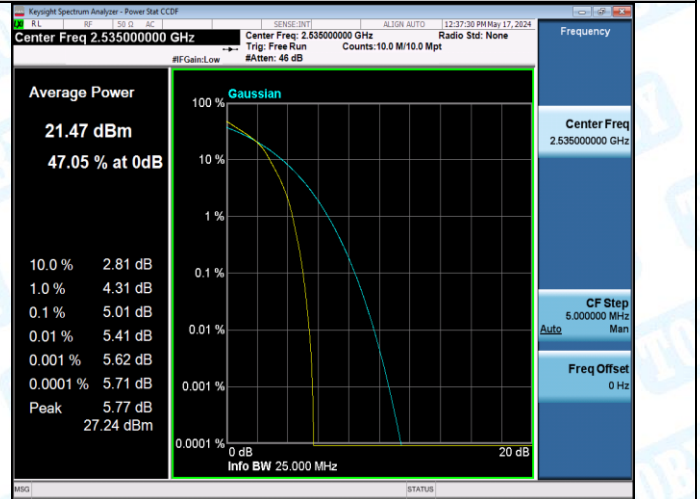
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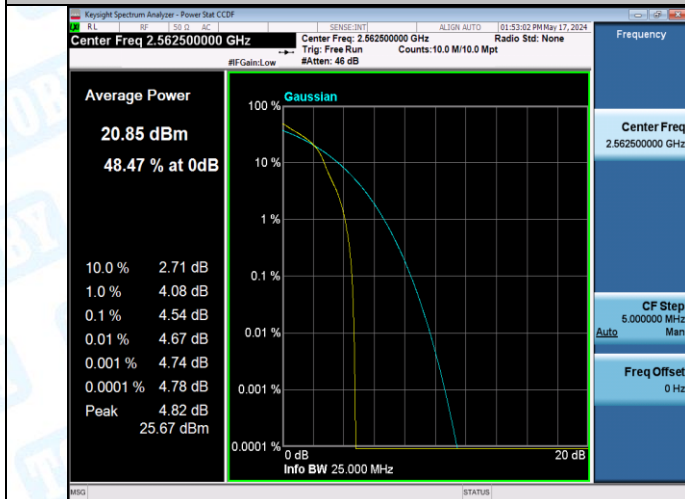
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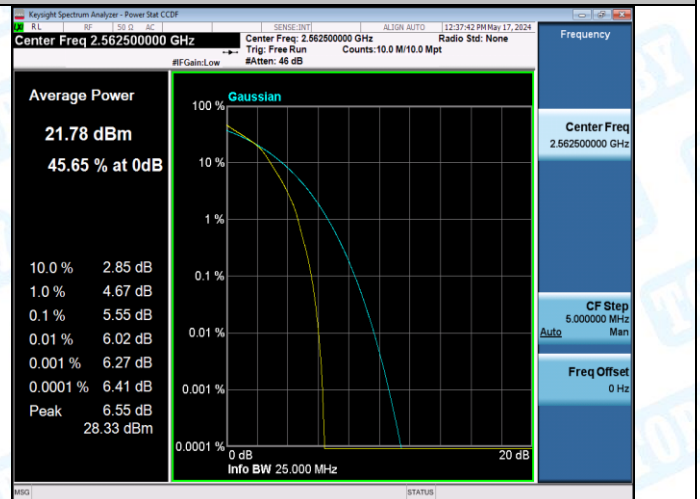
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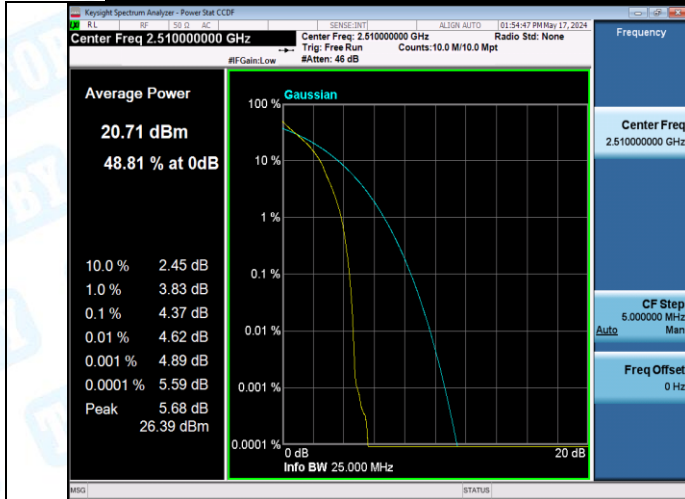
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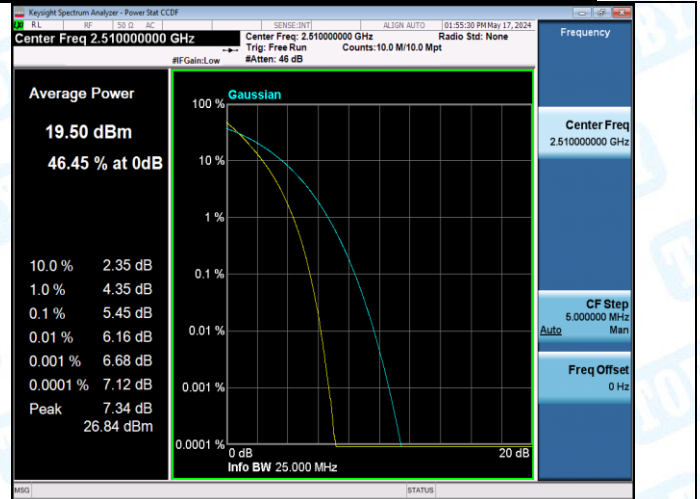
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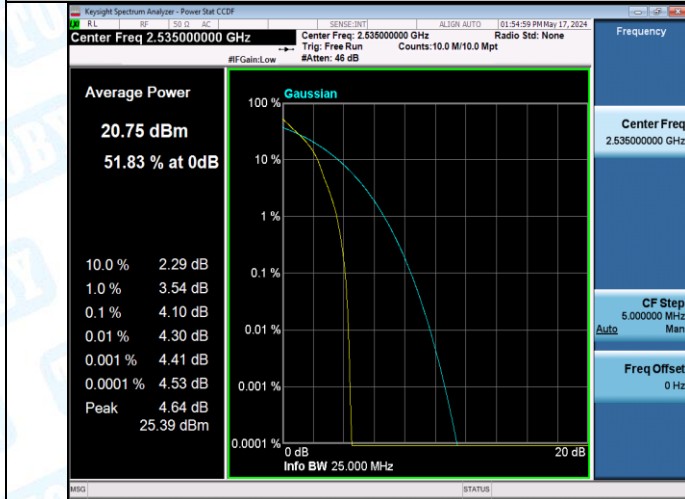
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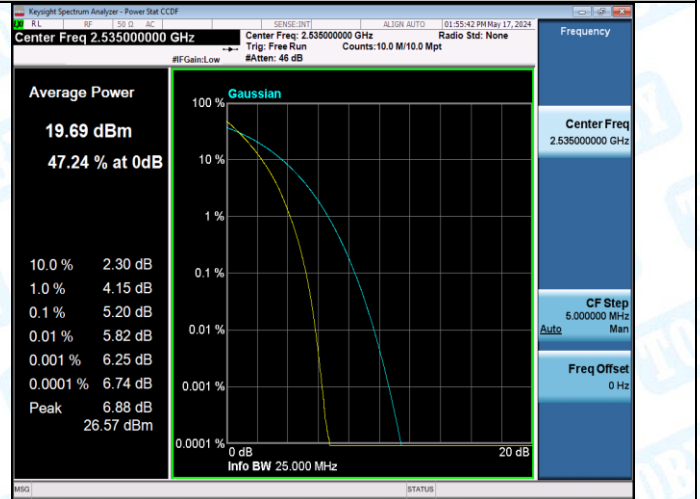
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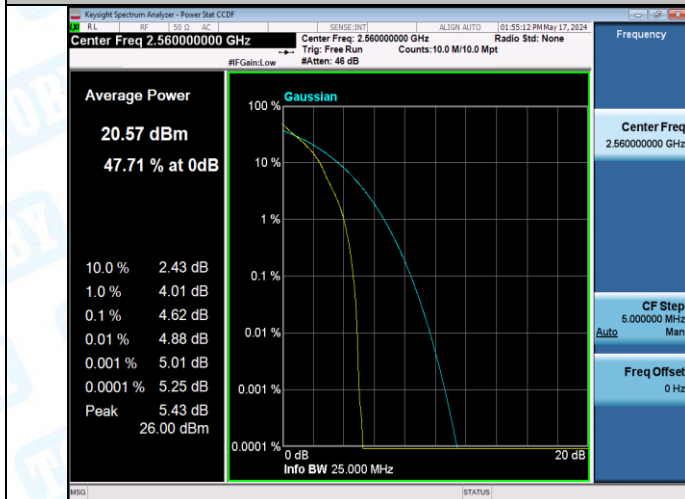
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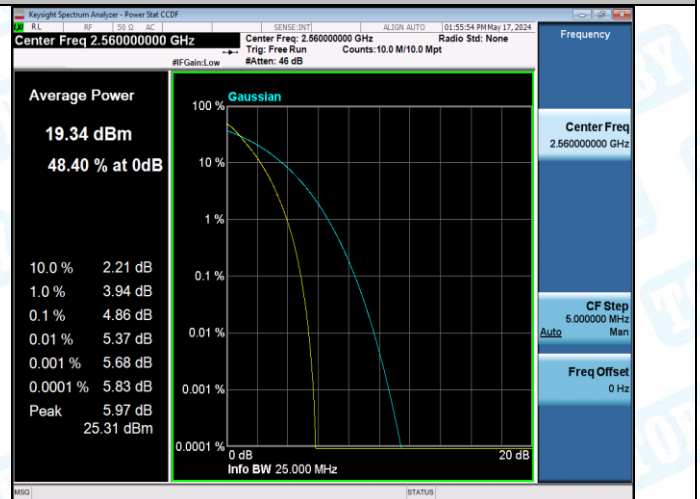
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Band7-20MHz-QPSK-21350-100RB#0-PASS



Band7-20MHz-16QAM-20850-1RB#0-PASS



Band7-20MHz-16QAM-20850-27RB#0-PASS