

LTE BAND 41

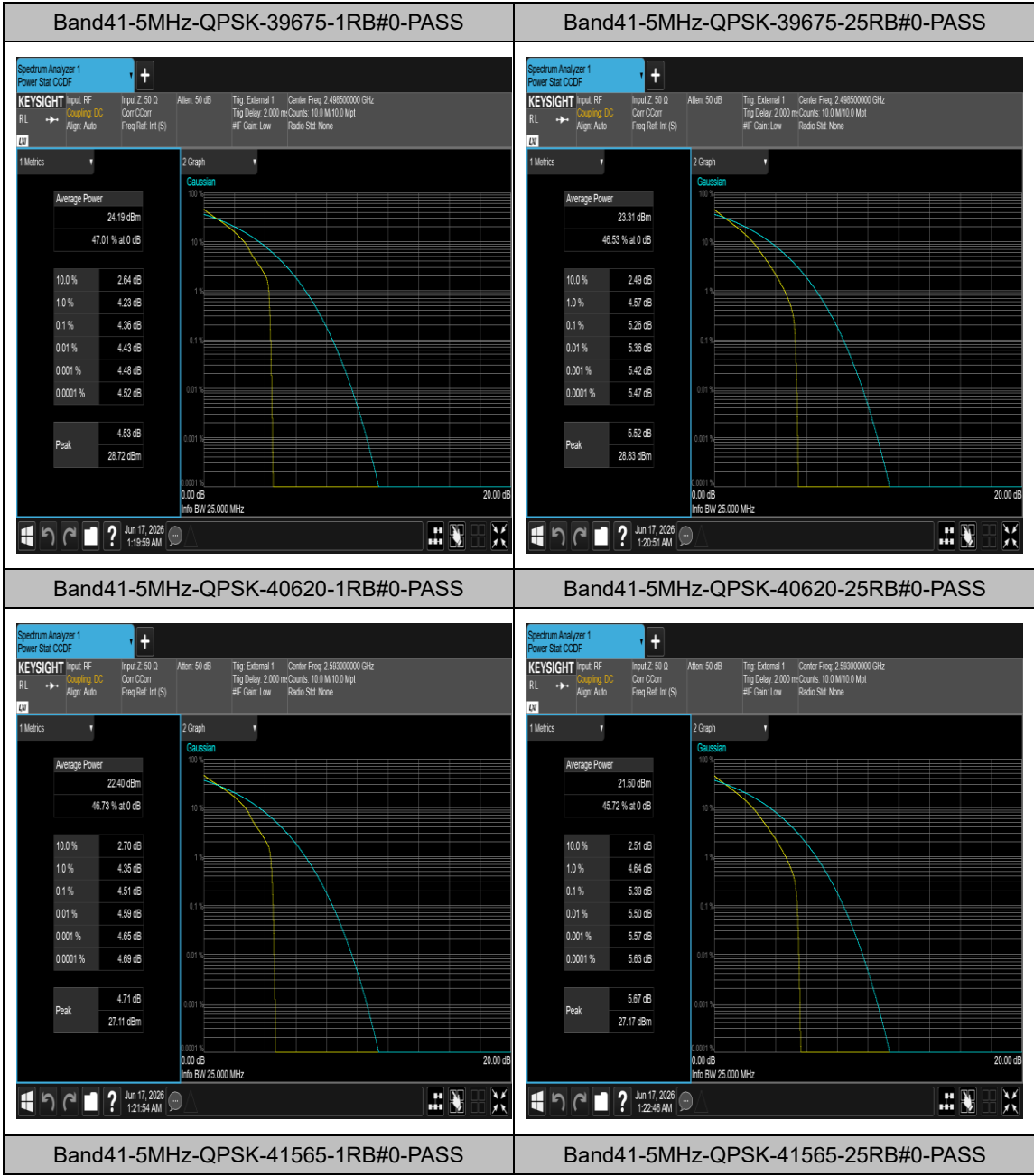
Peak-to-Average Ratio(CCDF)

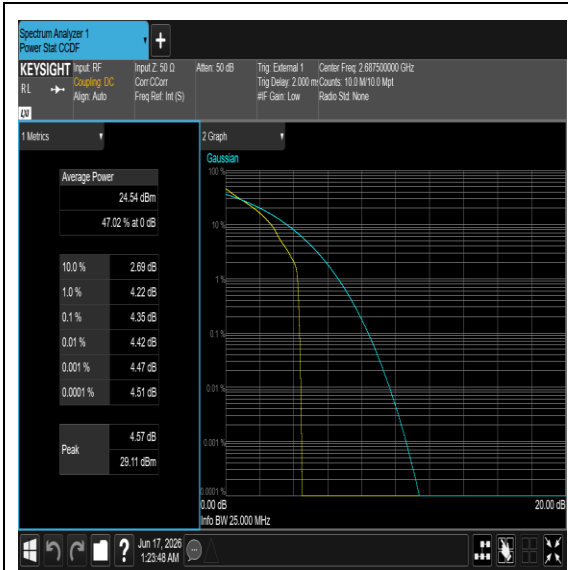
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	4.36	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	5.26	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	4.51	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.39	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	4.35	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.28	13	PASS
Band41	5MHz	64QAM	39675	1RB#0	4.39	13	PASS
Band41	5MHz	64QAM	39675	25RB#0	5.27	13	PASS
Band41	5MHz	64QAM	40620	1RB#0	4.52	13	PASS
Band41	5MHz	64QAM	40620	25RB#0	5.40	13	PASS
Band41	5MHz	64QAM	41565	1RB#0	4.36	13	PASS
Band41	5MHz	64QAM	41565	25RB#0	5.29	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	5.42	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.25	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	5.55	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.38	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	5.40	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	6.29	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	4.38	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.44	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	4.53	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.54	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	4.43	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	5.49	13	PASS
Band41	10MHz	64QAM	39700	1RB#0	5.03	13	PASS
Band41	10MHz	64QAM	39700	50RB#0	5.44	13	PASS
Band41	10MHz	64QAM	40620	1RB#0	5.10	13	PASS
Band41	10MHz	64QAM	40620	50RB#0	5.54	13	PASS
Band41	10MHz	64QAM	41540	1RB#0	4.38	13	PASS
Band41	10MHz	64QAM	41540	50RB#0	5.47	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	5.47	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	6.28	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	5.54	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.39	13	PASS
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Band41	10MHz	16QAM	41540	50RB#0	6.44	13	PASS

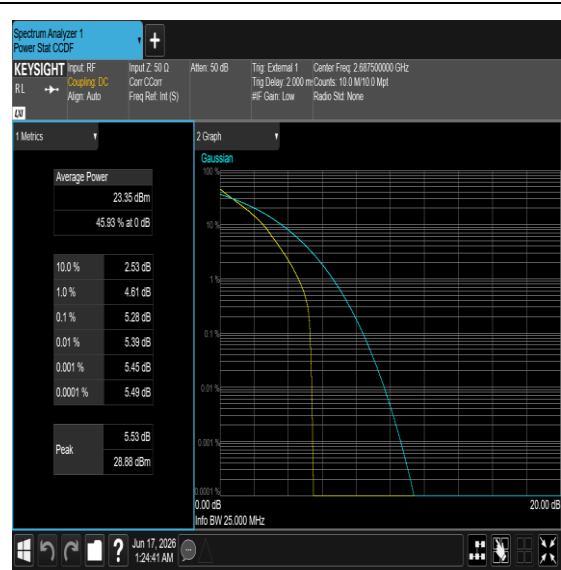
Band41	15MHz	QPSK	39725	1RB#0	4.41	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.64	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	4.53	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.72	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	4.45	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	5.68	13	PASS
Band41	15MHz	64QAM	39725	1RB#0	4.47	13	PASS
Band41	15MHz	64QAM	39725	75RB#0	5.64	13	PASS
Band41	15MHz	64QAM	40620	1RB#0	4.70	13	PASS
Band41	15MHz	64QAM	40620	75RB#0	5.72	13	PASS
Band41	15MHz	64QAM	41515	1RB#0	3.77	13	PASS
Band41	15MHz	64QAM	41515	75RB#0	5.65	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	5.50	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	6.50	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	5.56	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	6.59	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	4.37	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	6.51	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	4.46	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.58	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	4.60	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.61	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	4.52	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	5.55	13	PASS
Band41	20MHz	64QAM	39750	1RB#0	4.37	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	5.57	13	PASS
Band41	20MHz	64QAM	40620	1RB#0	4.67	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	5.61	13	PASS
Band41	20MHz	64QAM	41490	1RB#0	3.61	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	5.53	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	5.58	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	6.47	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	5.60	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.47	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	4.21	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	6.47	13	PASS

Test Graphs

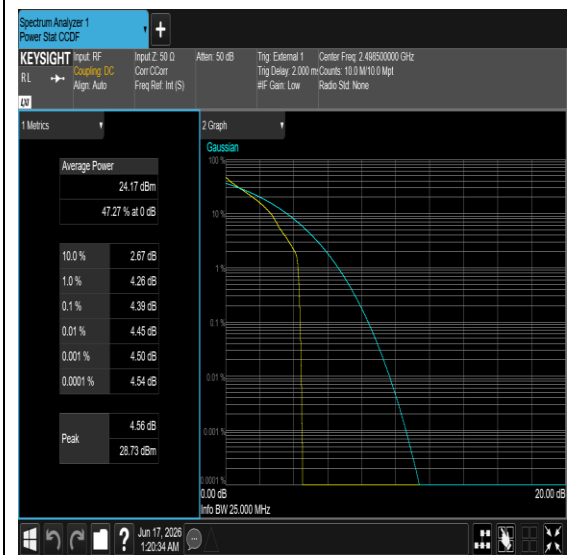




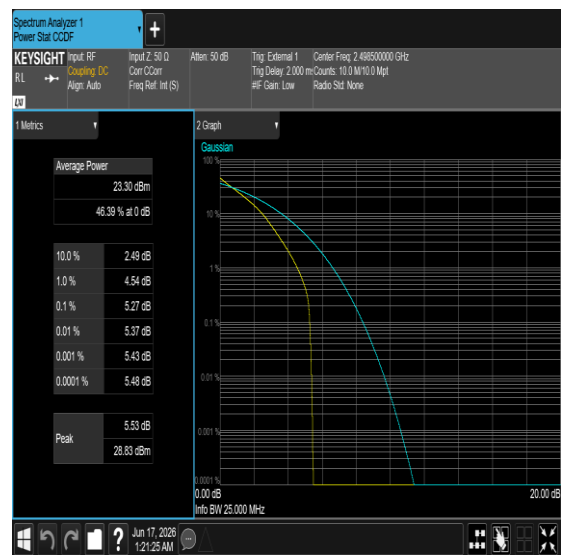
Band41-5MHz-64QAM-39675-1RB#0-PASS



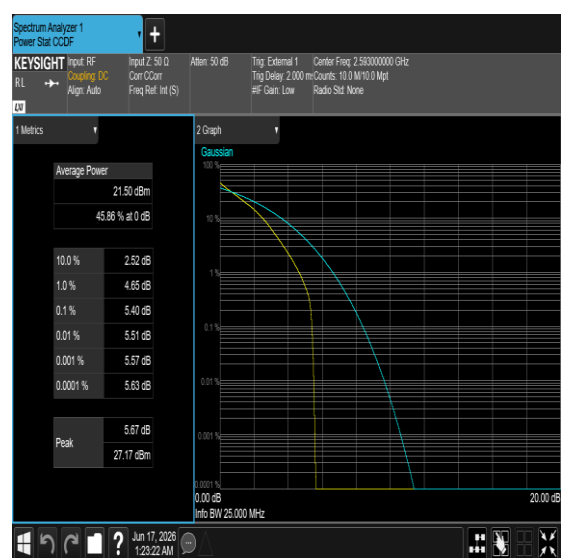
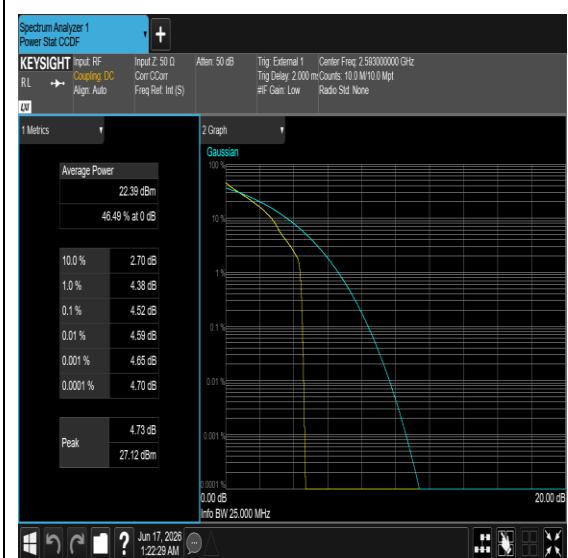
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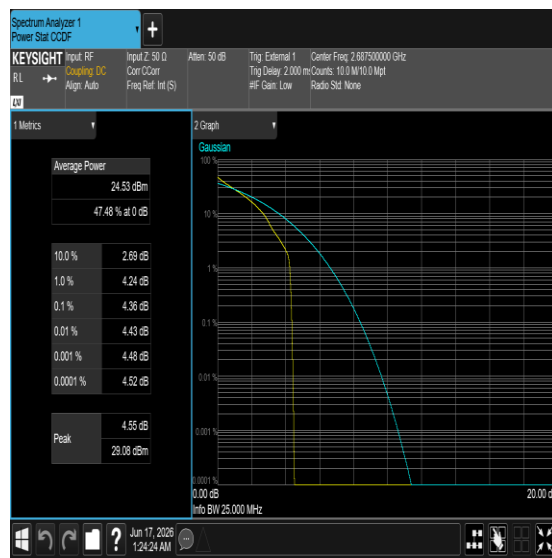
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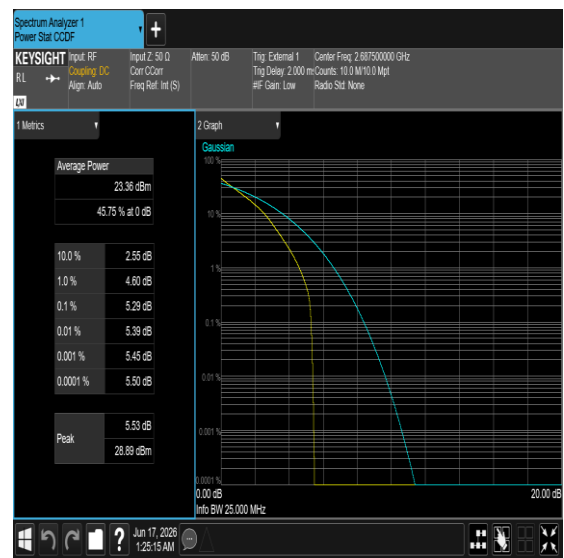
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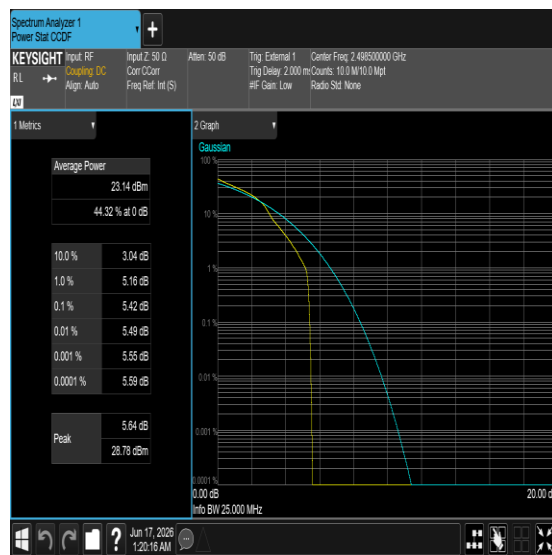
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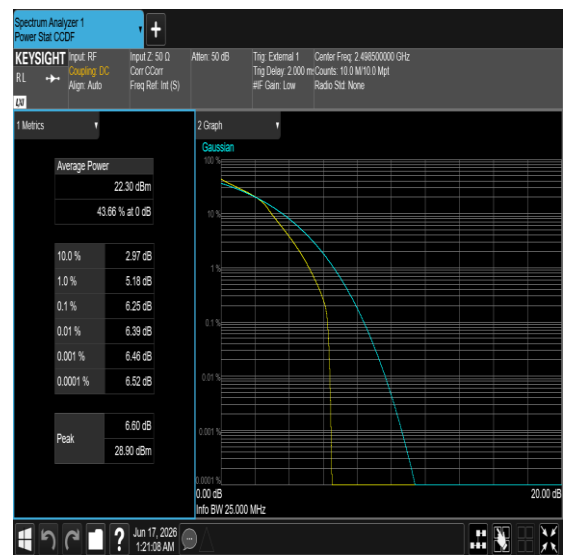
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Band41-5MHz-16QAM-39675-1RB#0-PASS



Band41-5MHz-16QAM-39675-25RB#0-PASS

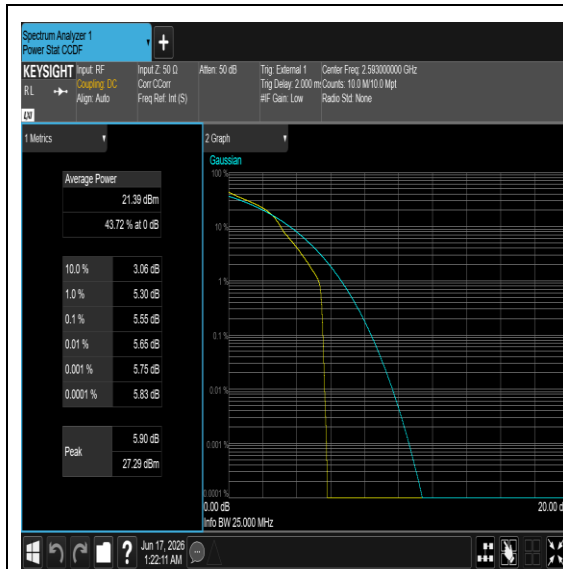


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Band41-5MHz-16QAM-40620-25RB#0-PASS

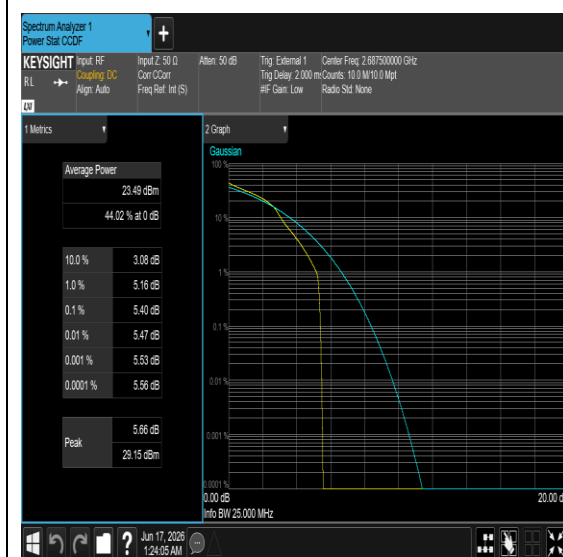




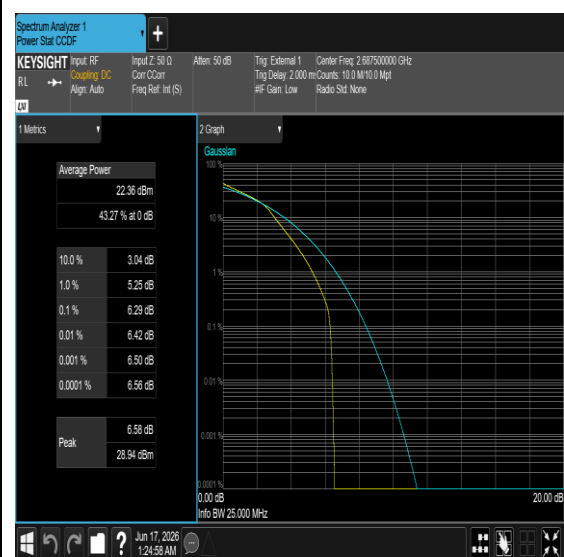
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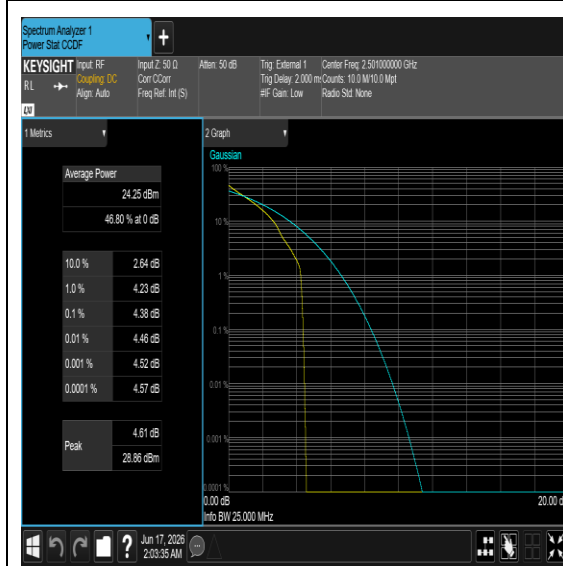
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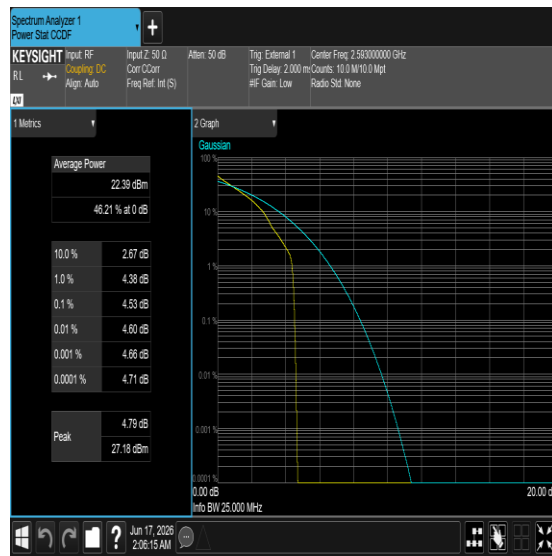
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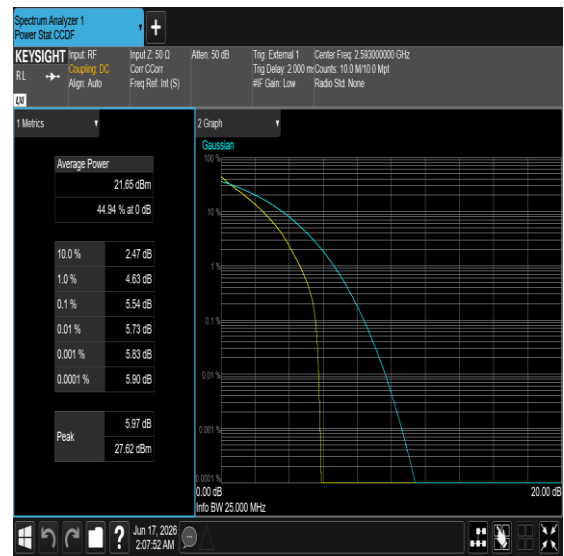
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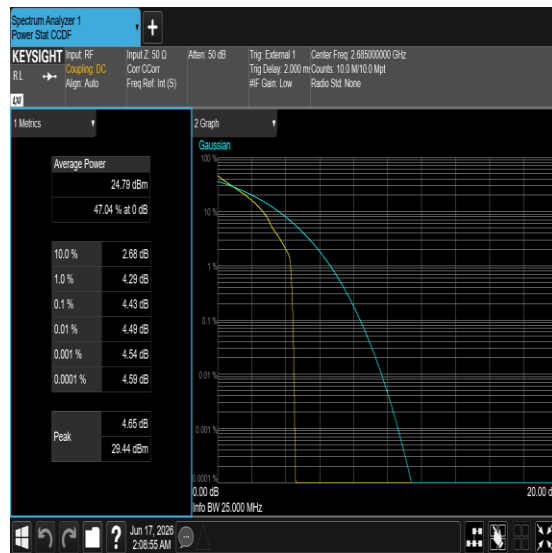
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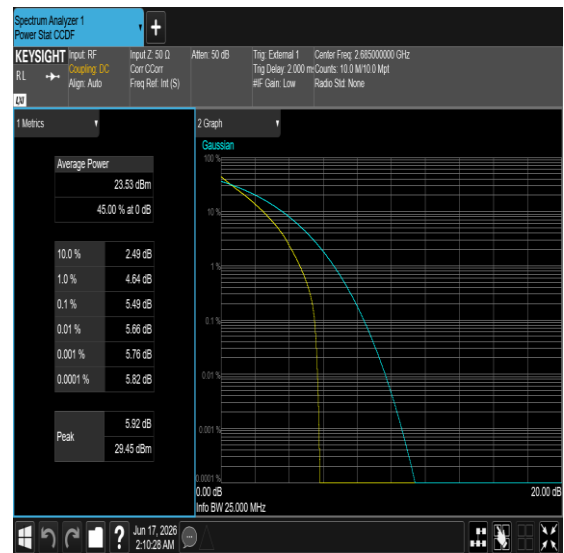
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Band41-10MHz-QPSK-41540-1RB#0-PASS

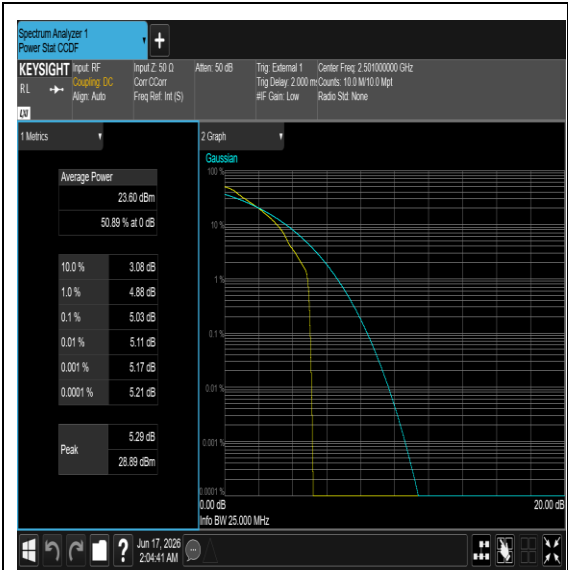


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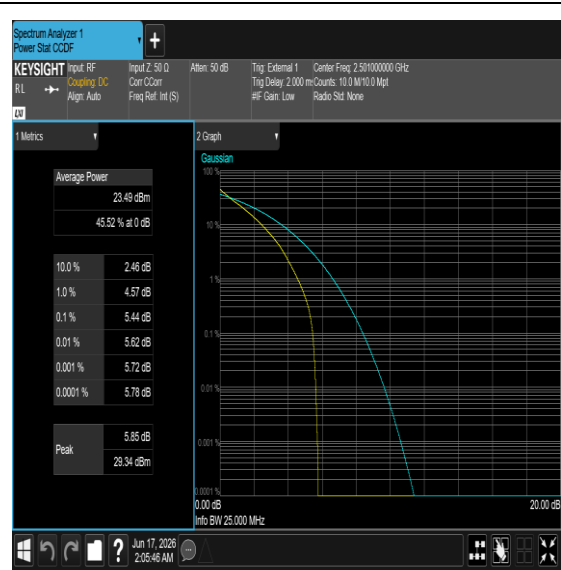


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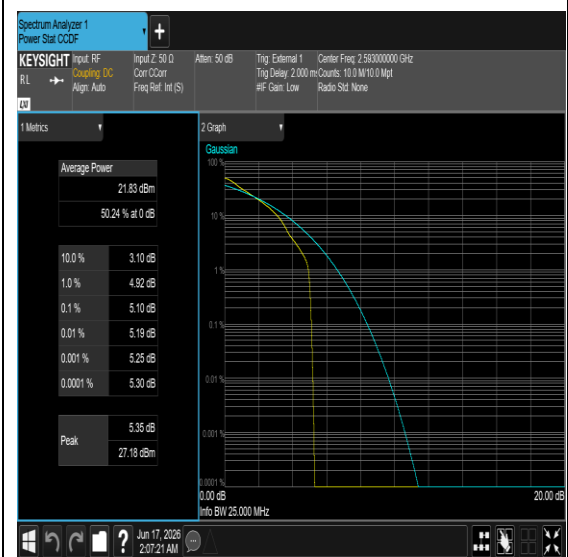
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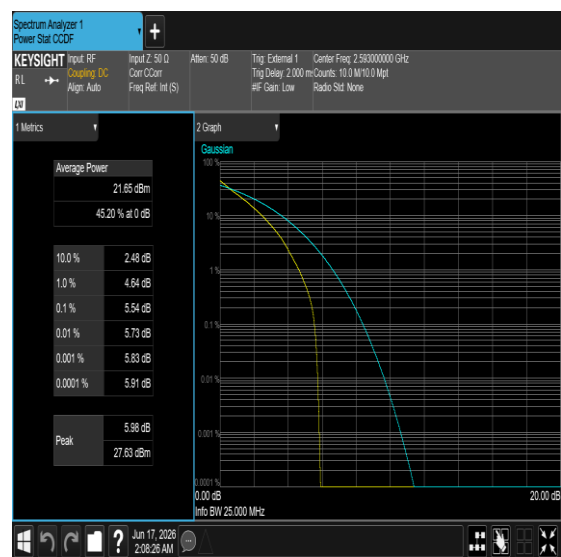
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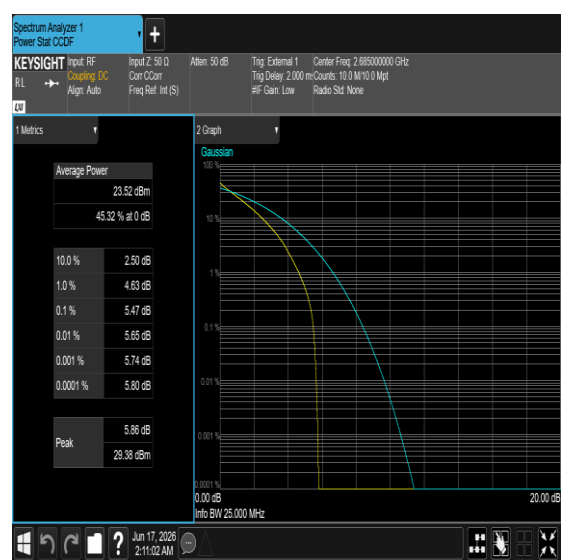
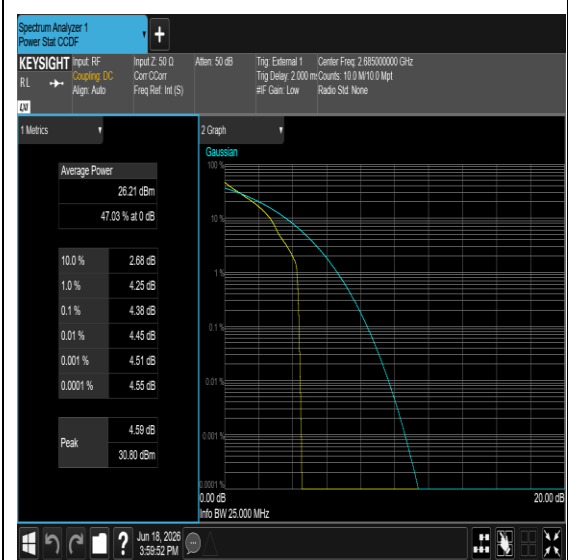
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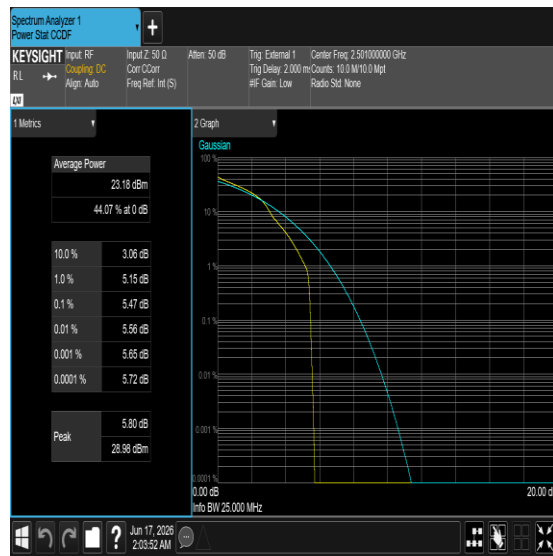
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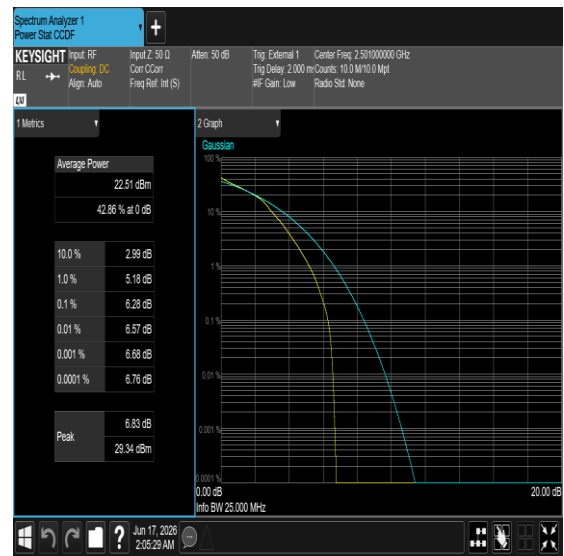
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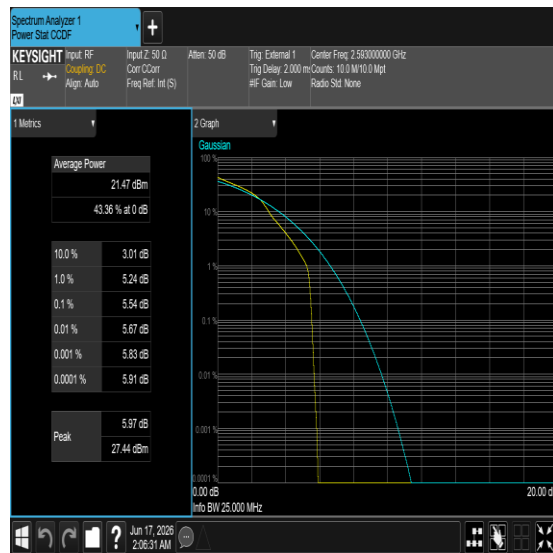
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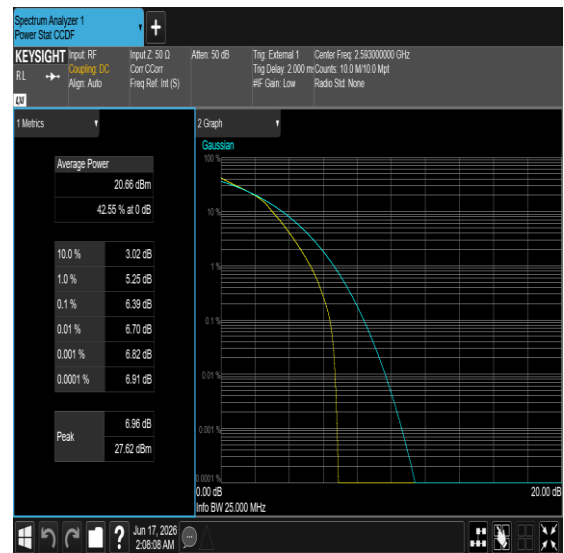
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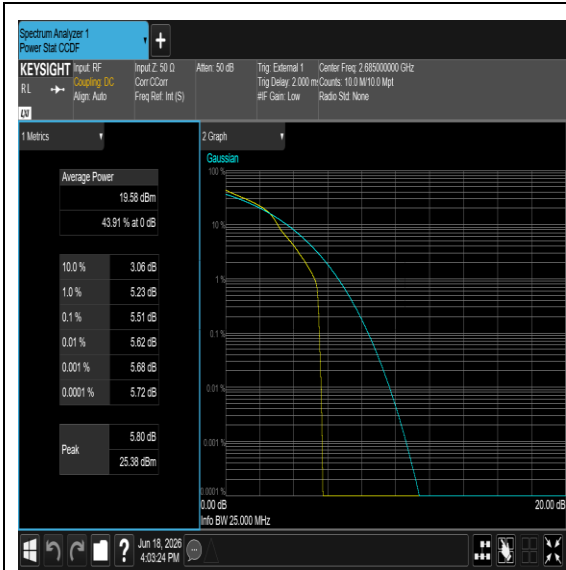


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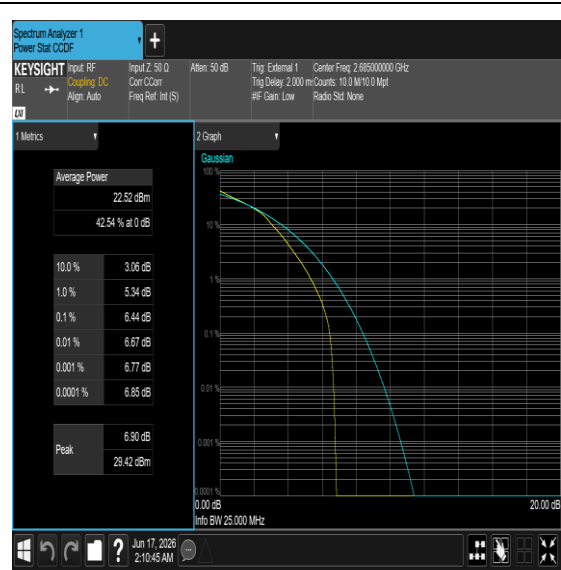


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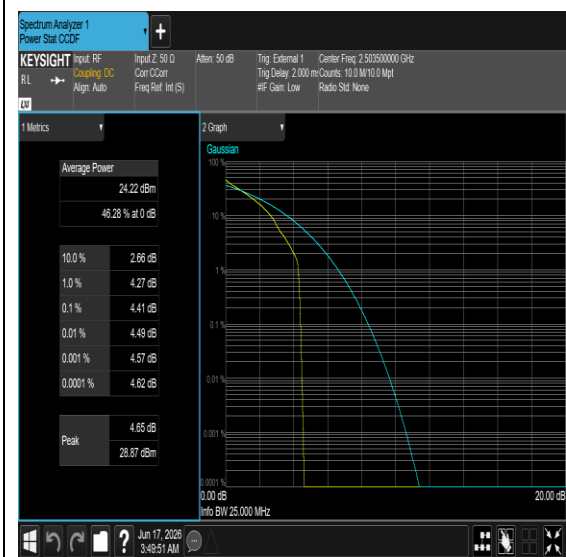
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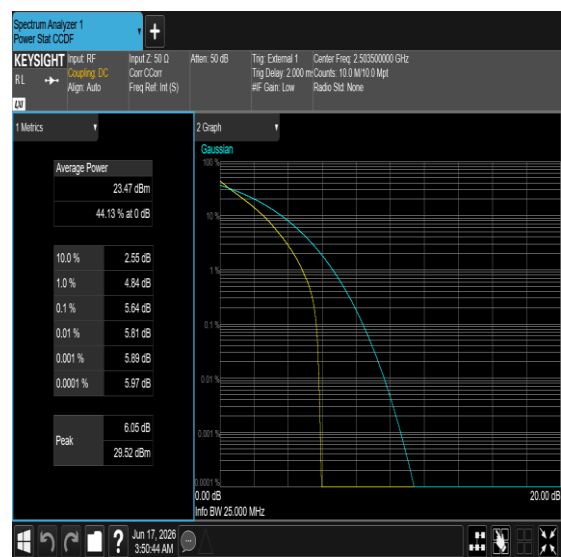
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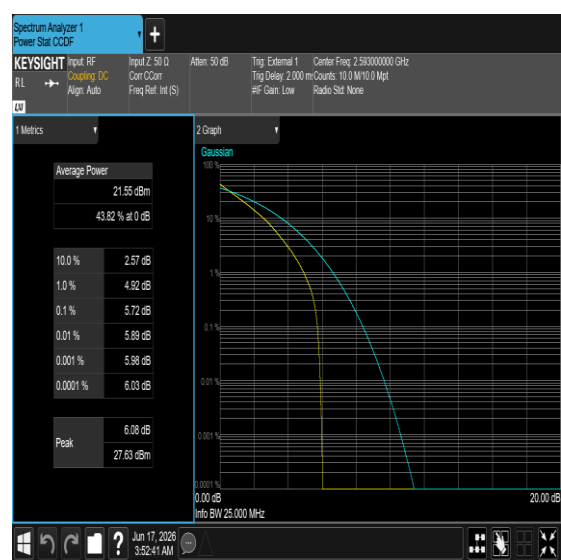
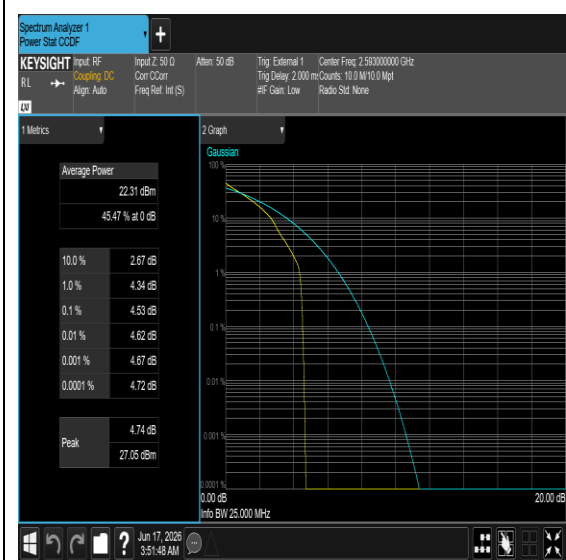
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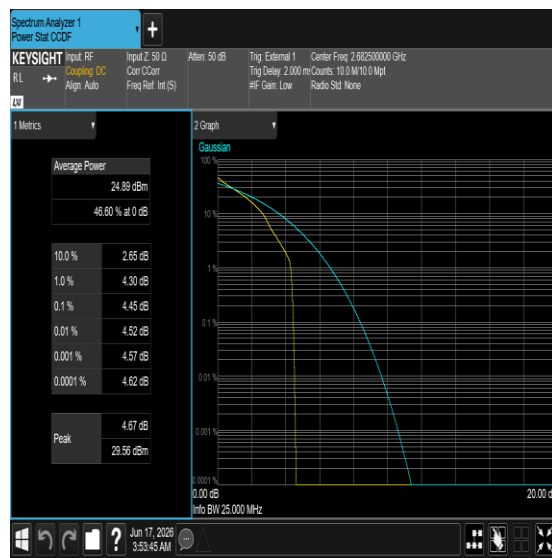
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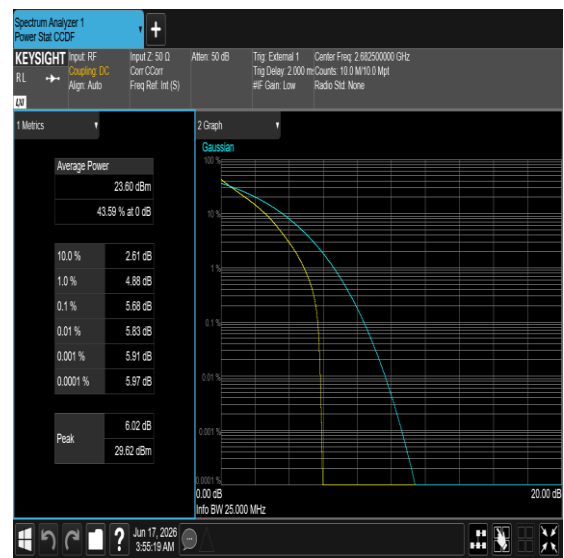
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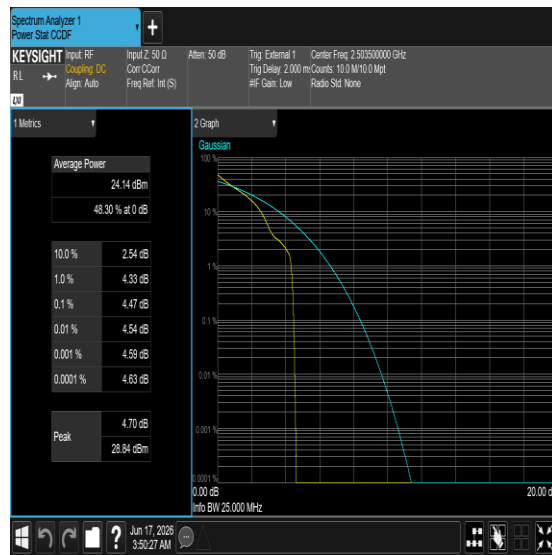
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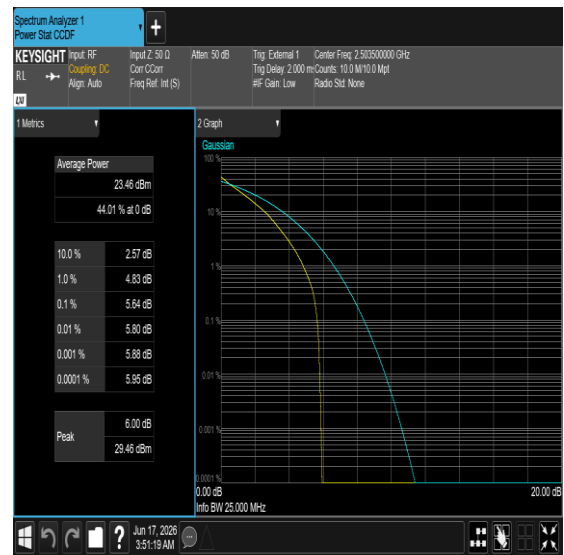
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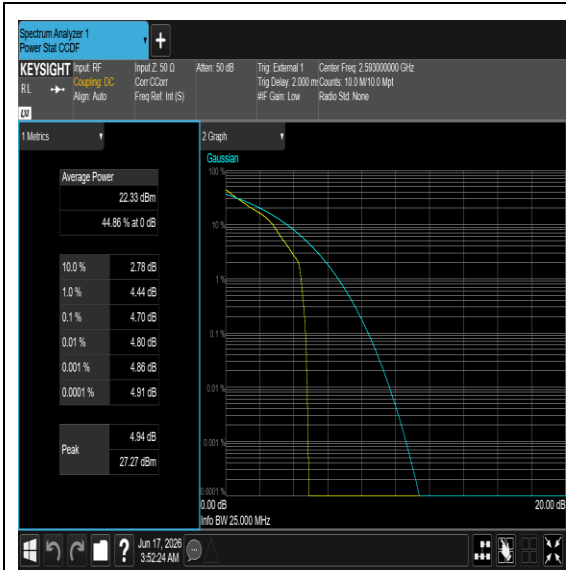


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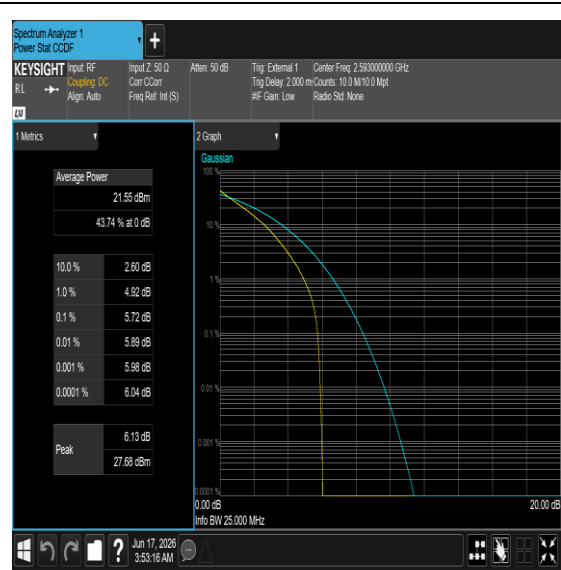


Band41-15MHz-64QAM-40620-75RB#0-PASS

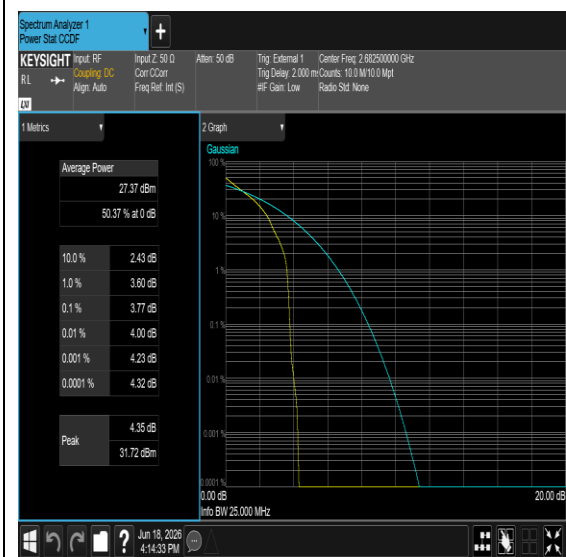




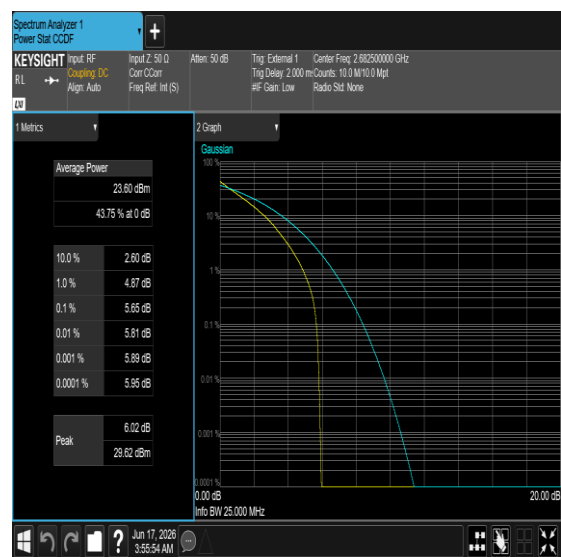
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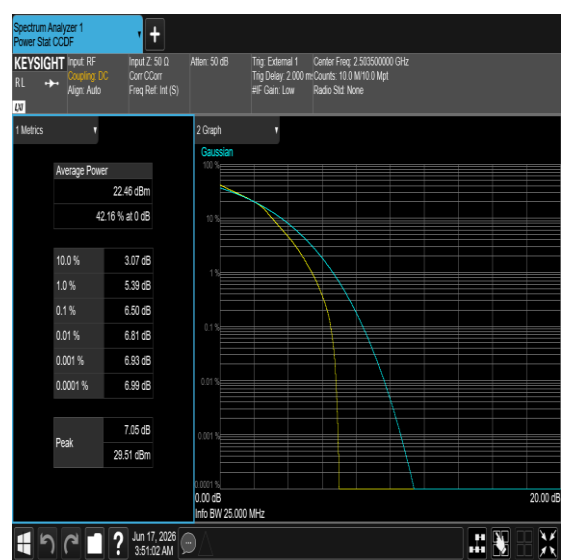
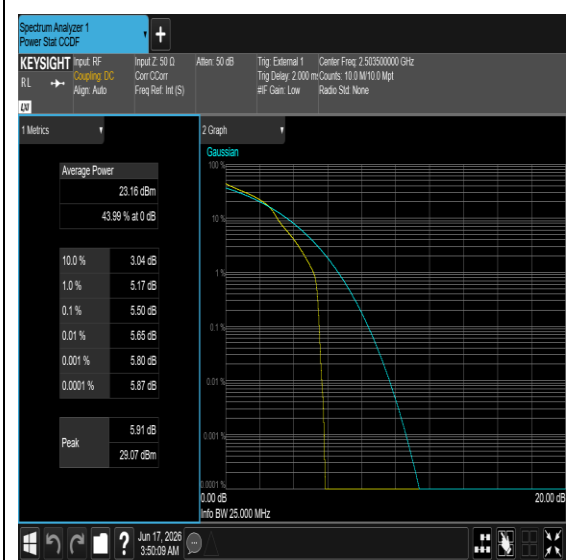
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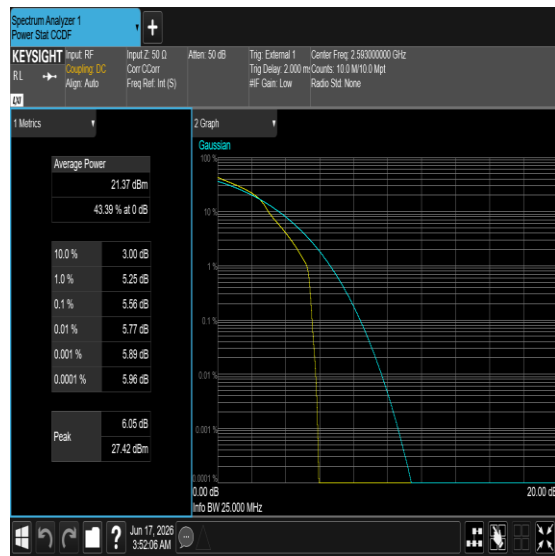
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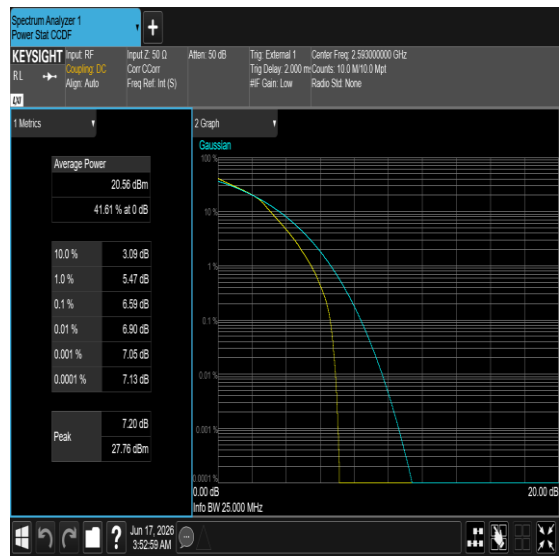
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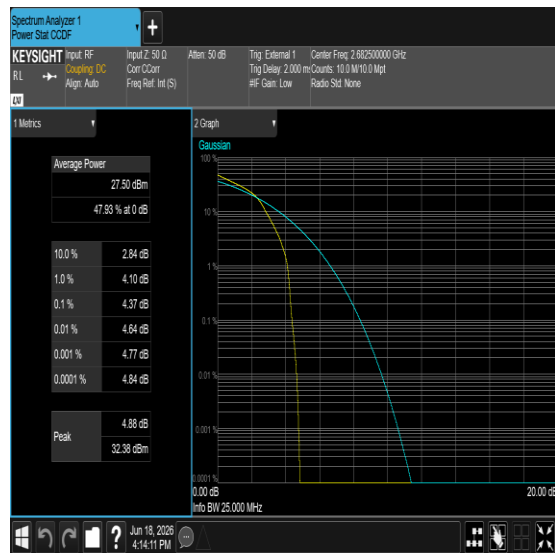
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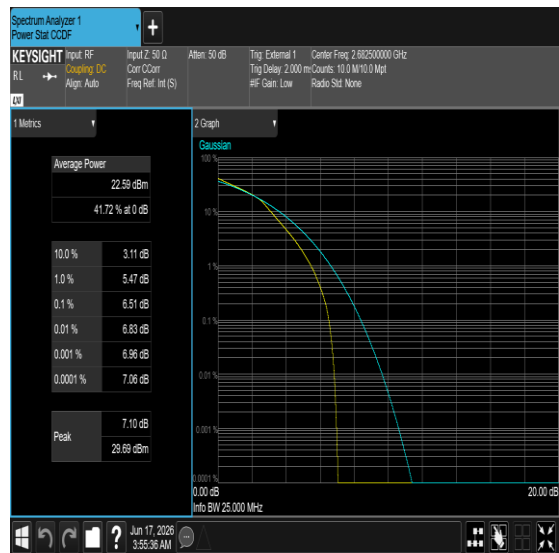
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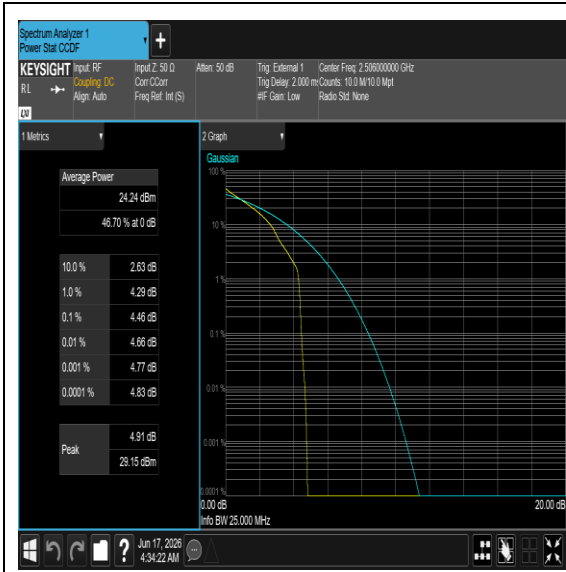


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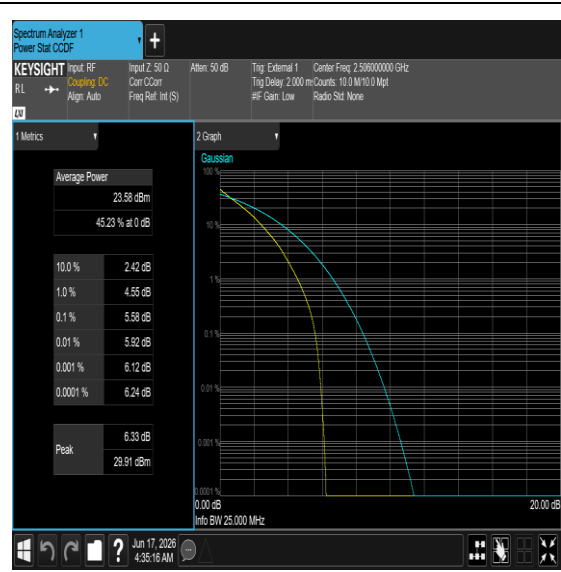


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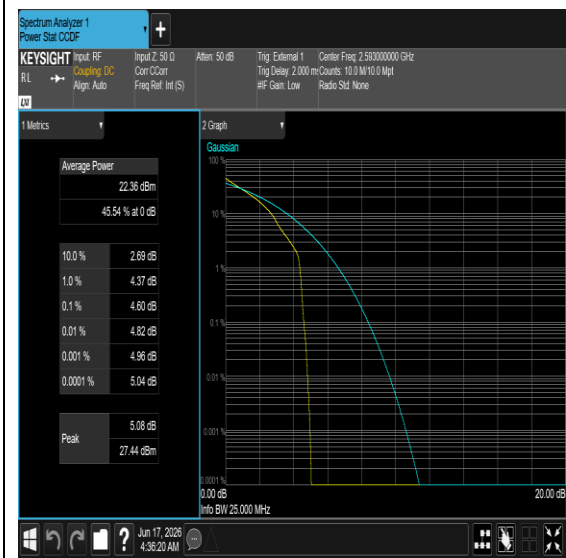
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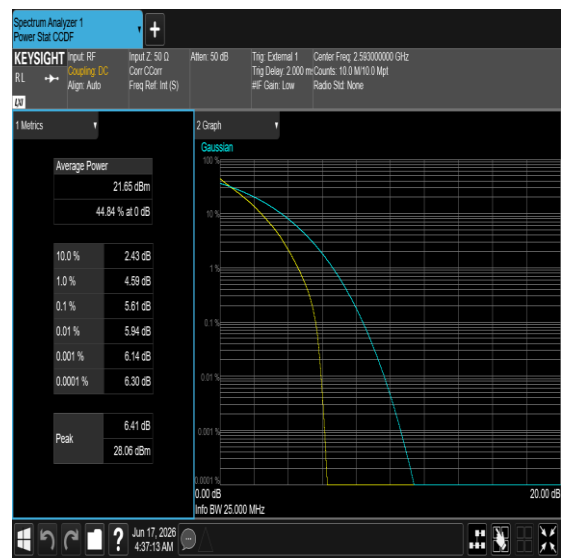
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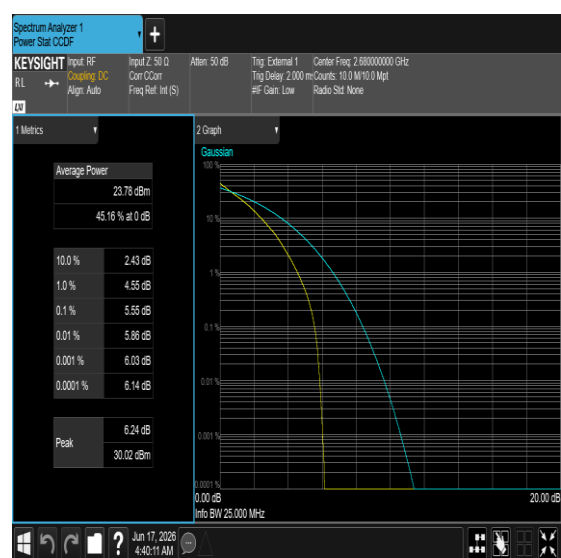
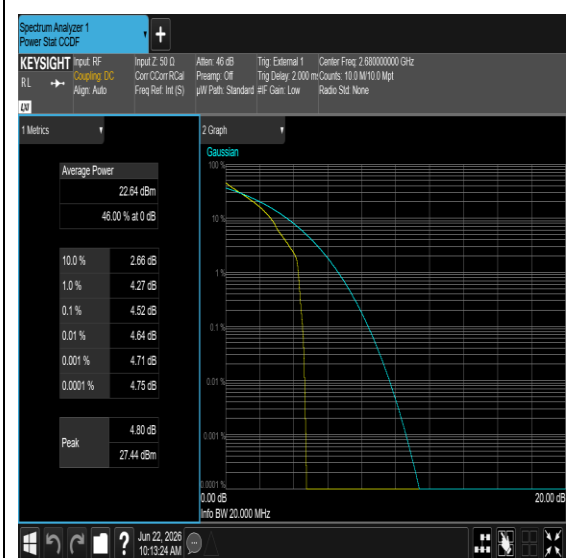
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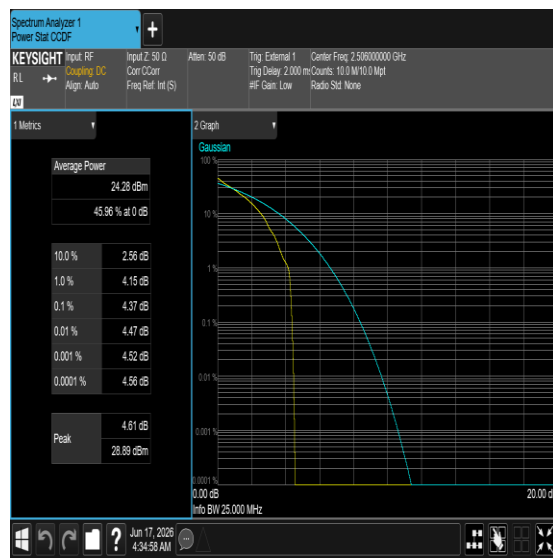
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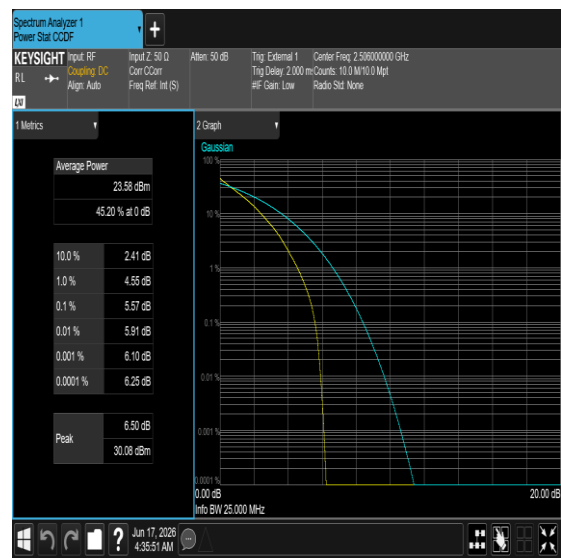
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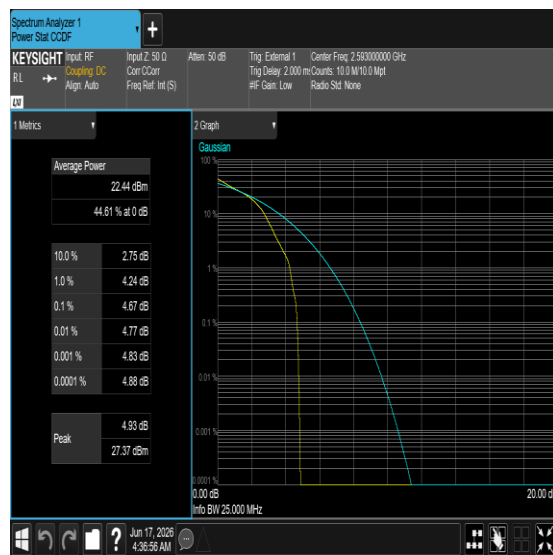
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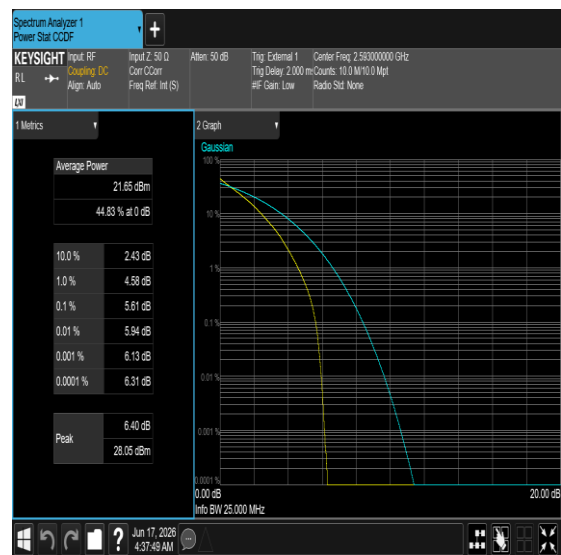
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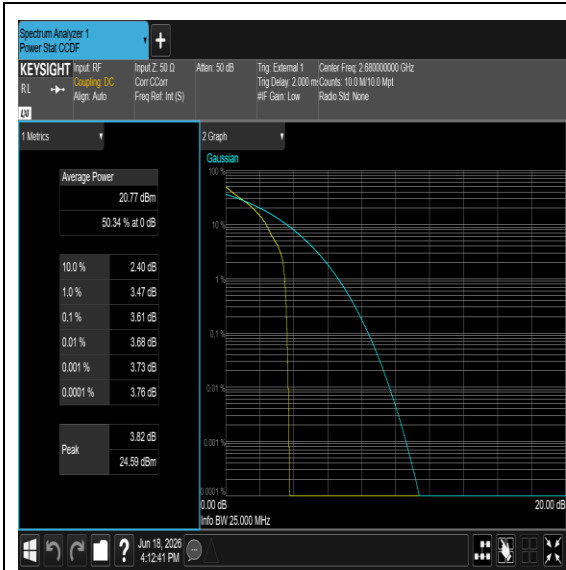


Band41-20MHz-64QAM-40620-100RB#0-PASS

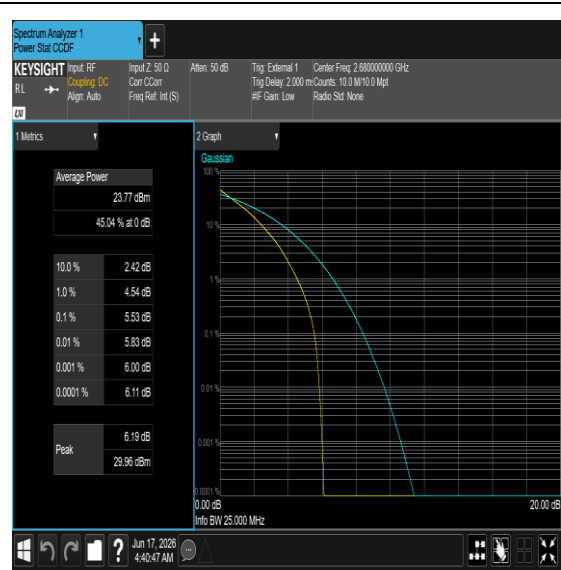


Band41-20MHz-64QAM-41490-1RB#0-PASS

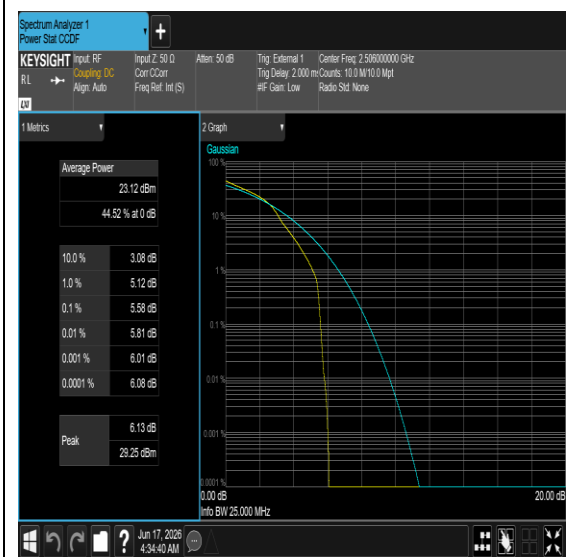
Band41-20MHz-64QAM-41490-100RB#0-PASS



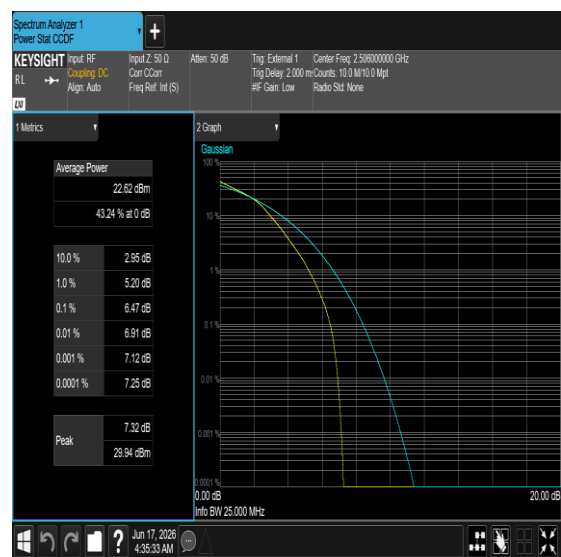
Band41-20MHz-16QAM-39750-1RB#0-PASS



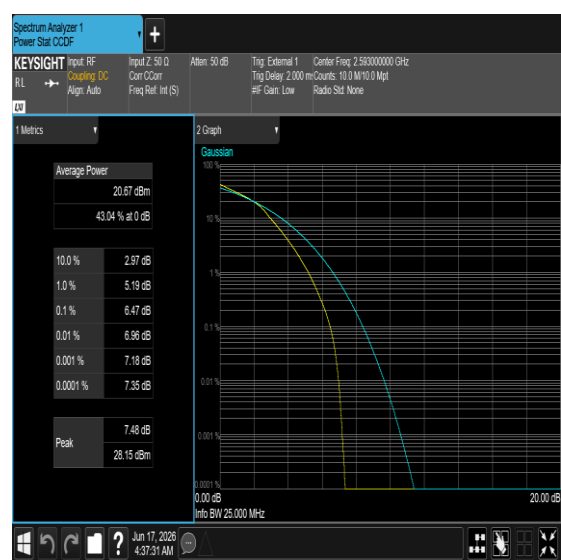
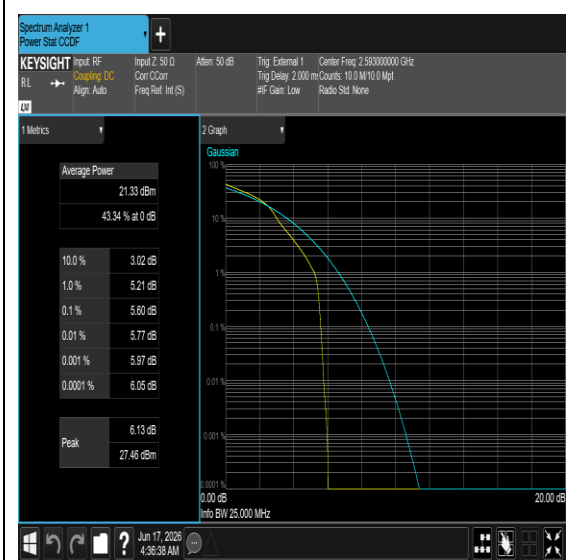
Band41-20MHz-16QAM-39750-100RB#0-PASS



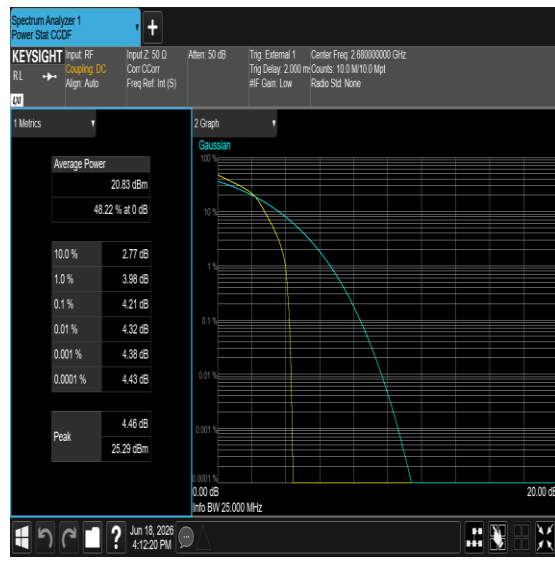
Band41-20MHz-16QAM-40620-1RB#0-PASS



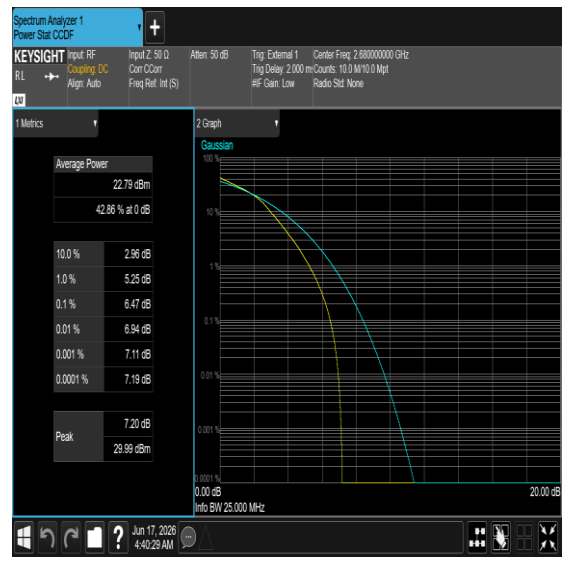
Band41-20MHz-16QAM-40620-100RB#0-PASS



Band41-20MHz-16QAM-41490-1RB#0-PASS



Band41-20MHz-16QAM-41490-100RB#0-PASS

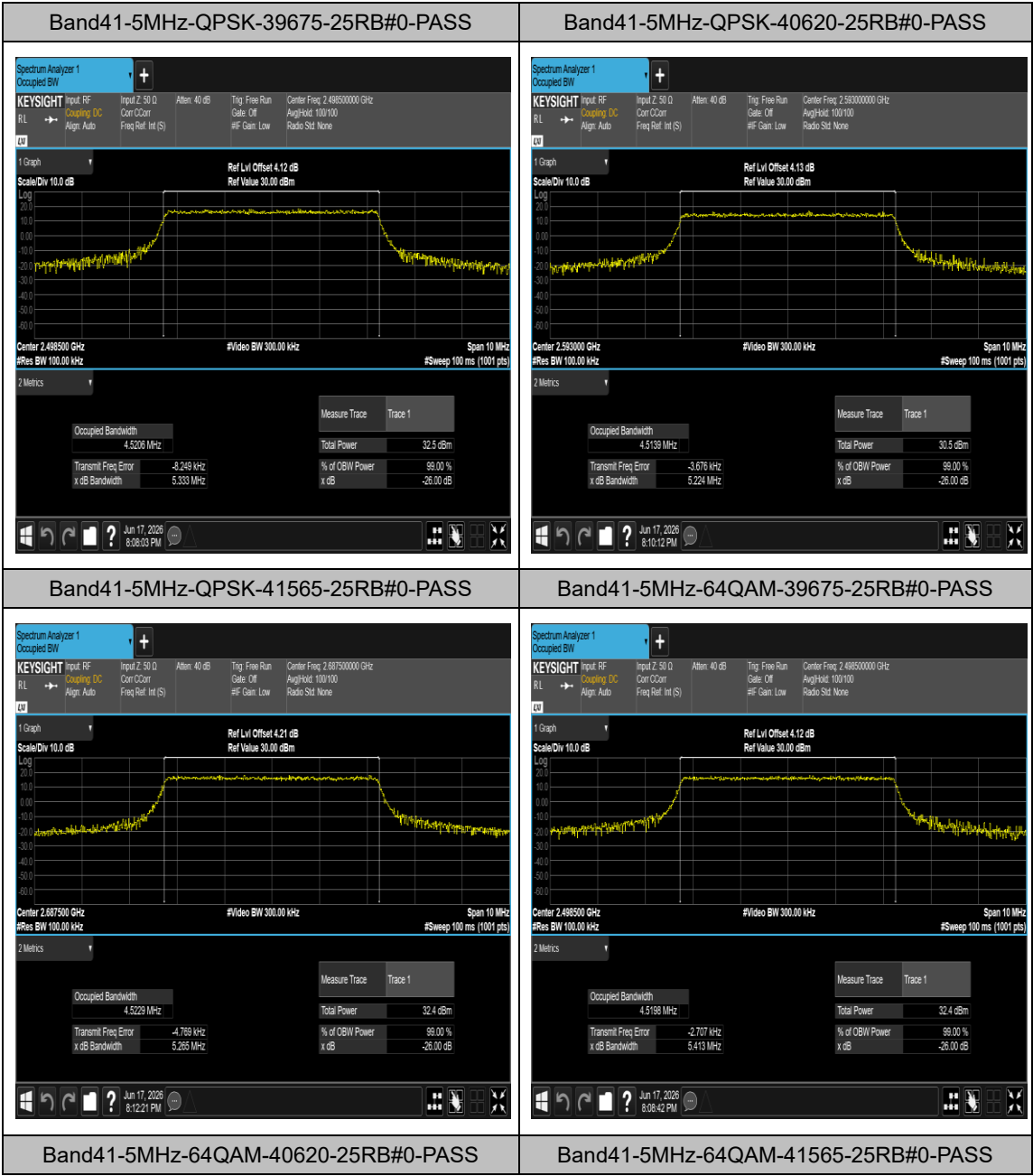


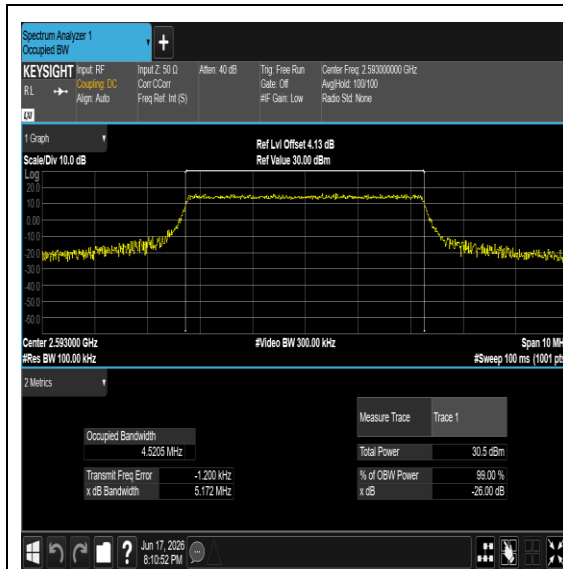
26dB Bandwidth and Occupied Bandwidth

Test Result

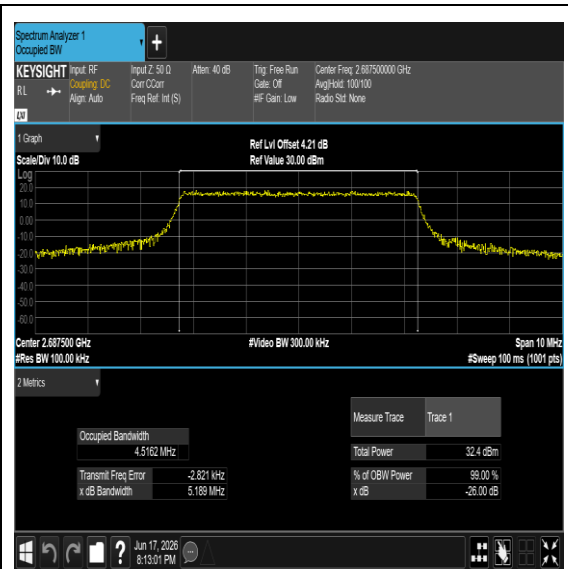
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5206	5.333	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5139	5.224	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5229	5.265	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.5198	5.413	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.5205	5.172	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.5162	5.189	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5108	5.182	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5169	5.462	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5259	5.324	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.0123	10.36	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.0142	10.54	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0324	10.47	PASS
Band41	10MHz	64QAM	39700	50RB#0	9.0272	10.25	PASS
Band41	10MHz	64QAM	40620	50RB#0	9.0205	10.46	PASS
Band41	10MHz	64QAM	41540	50RB#0	9.0186	10.19	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9879	9.980	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9940	10.39	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9964	9.908	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.501	15.22	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.495	14.90	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.494	15.13	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.529	15.44	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.523	15.79	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.496	14.96	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.518	16.18	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.506	14.90	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.519	15.02	PASS
Band41	20MHz	QPSK	39750	100RB#0	18.016	20.39	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.001	21.19	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.964	19.90	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.975	20.56	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.987	21.22	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.962	20.13	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.997	19.87	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.971	19.78	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.993	20.20	PASS

Test Graphs

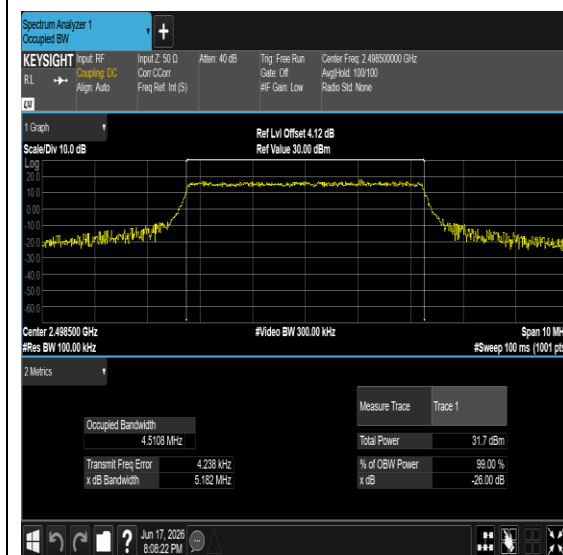




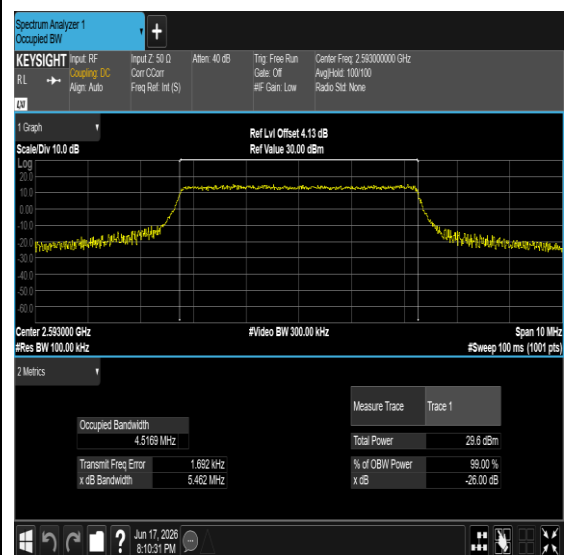
Band41-5MHz-16QAM-39675-25RB#0-PASS



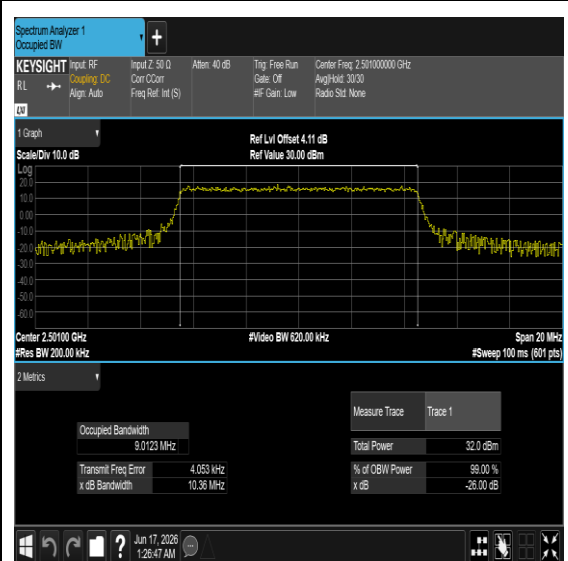
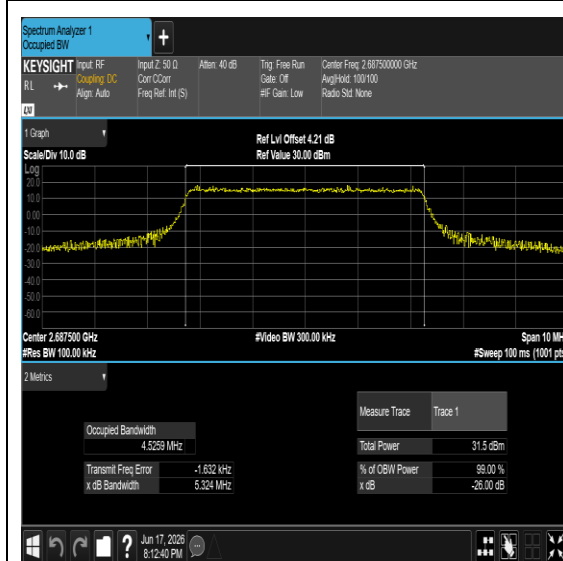
Band41-5MHz-16QAM-40620-25RB#0-PASS



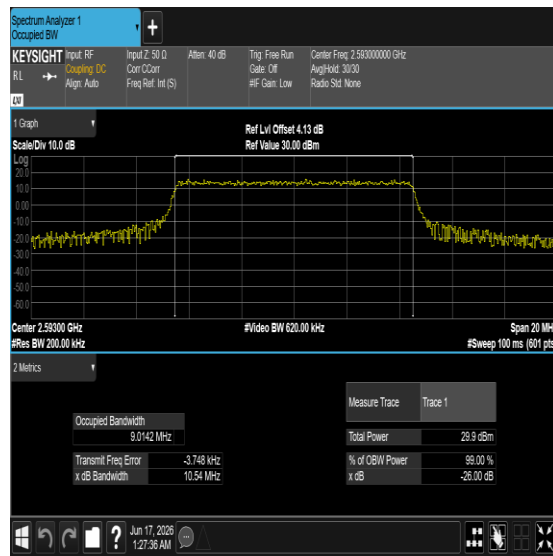
Band41-5MHz-16QAM-41565-25RB#0-PASS



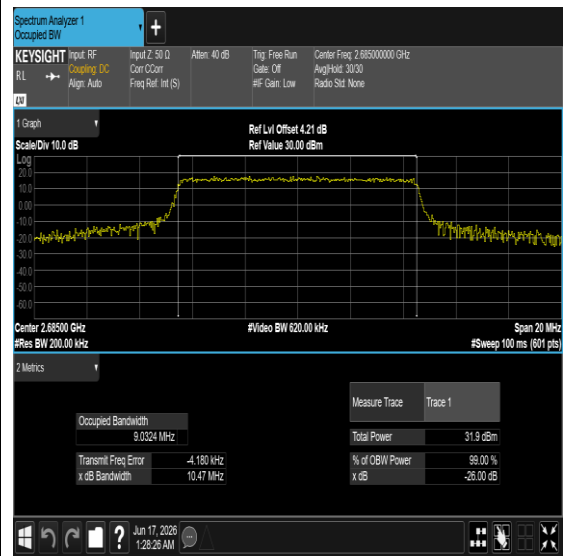
Band41-10MHz-QPSK-39700-50RB#0-PASS



Band41-10MHz-QPSK-40620-50RB#0-PASS



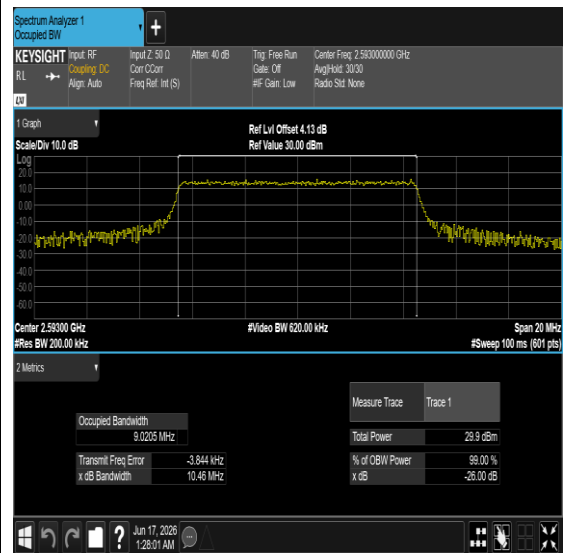
Band41-10MHz-QPSK-41540-50RB#0-PASS



Band41-10MHz-64QAM-39700-50RB#0-PASS

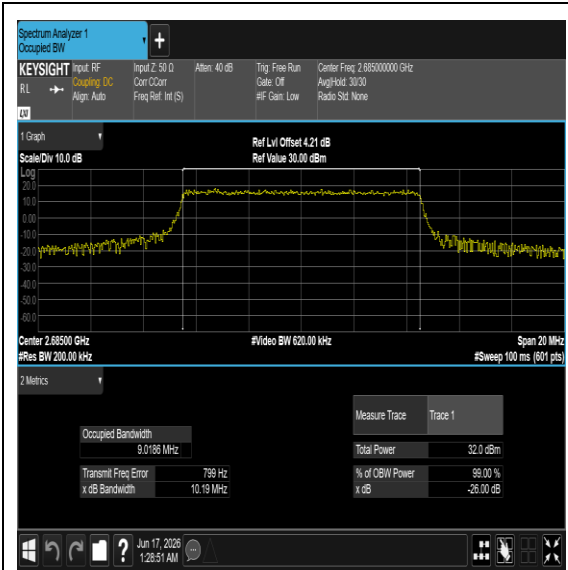


Band41-10MHz-64QAM-40620-50RB#0-PASS

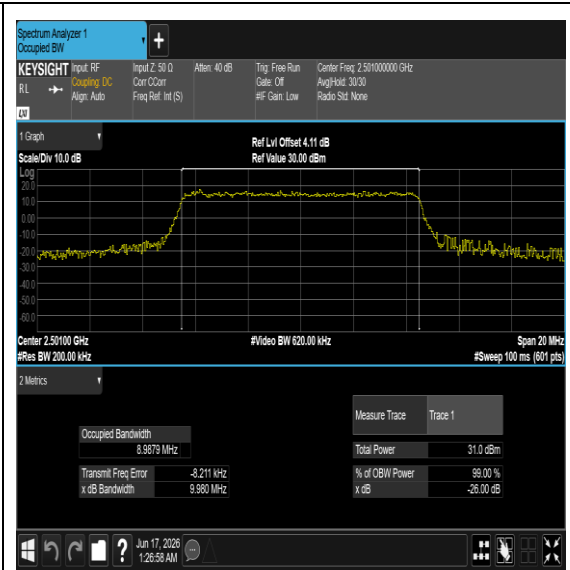


Band41-10MHz-64QAM-41540-50RB#0-PASS

Band41-10MHz-16QAM-39700-50RB#0-PASS



Band41-10MHz-16QAM-40620-50RB#0-PASS



Band41-10MHz-16QAM-41540-50RB#0-PASS



Band41-15MHz-QPSK-39725-75RB#0-PASS



Band41-15MHz-QPSK-40620-75RB#0-PASS

