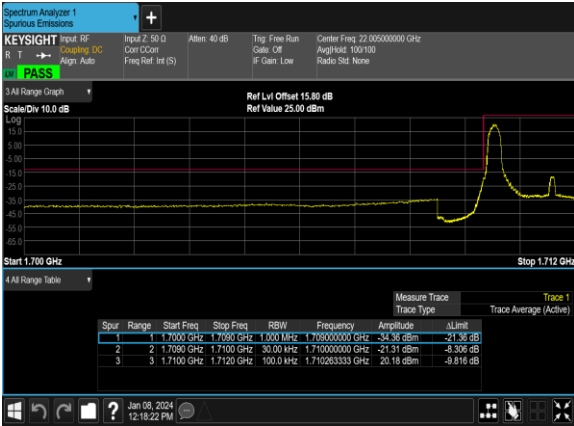
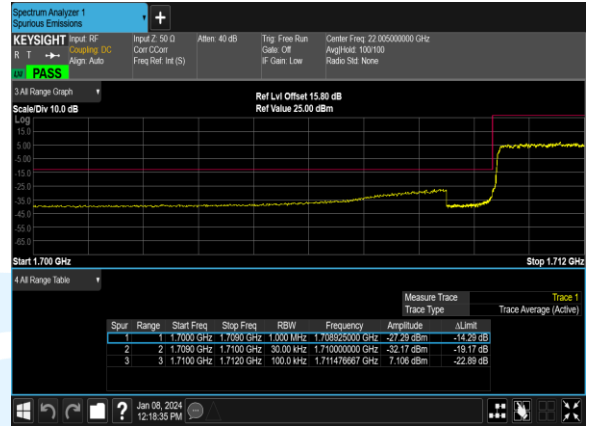


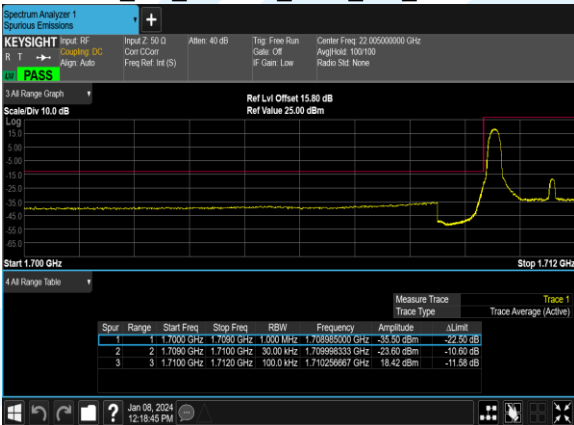
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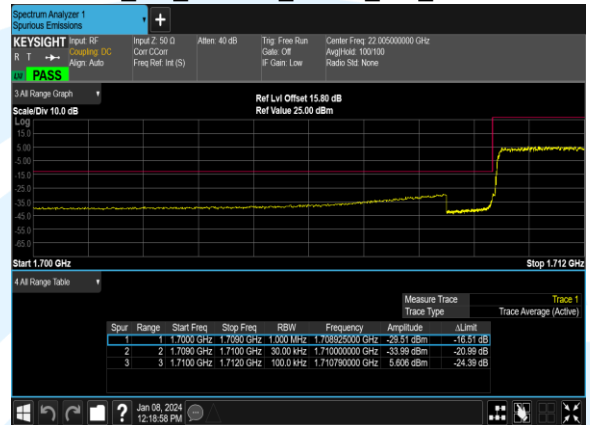
B66\_3M\_QPSK\_15@0\_CH\_131987



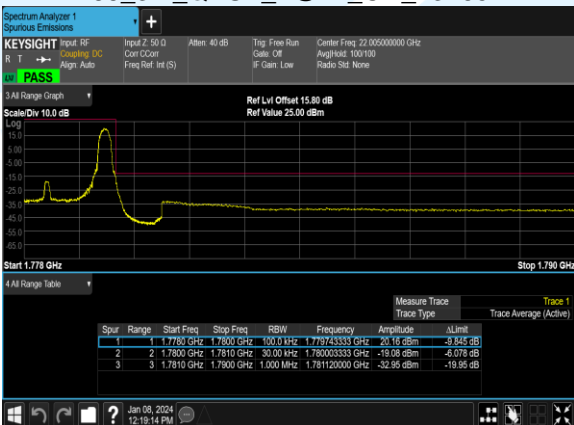
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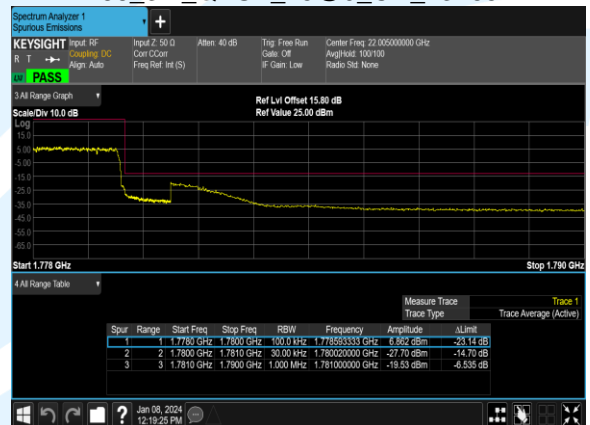
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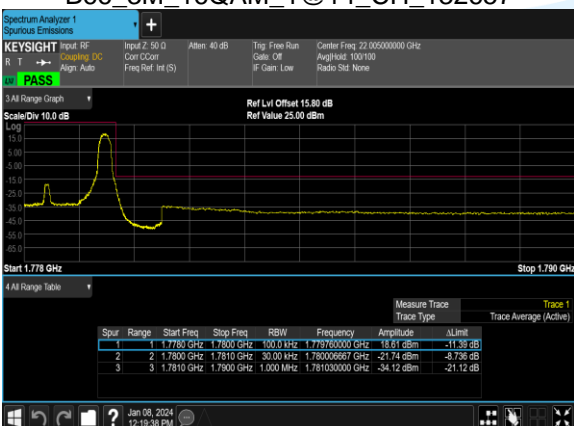
B66\_3M\_QPSK\_1@14\_CH\_132657



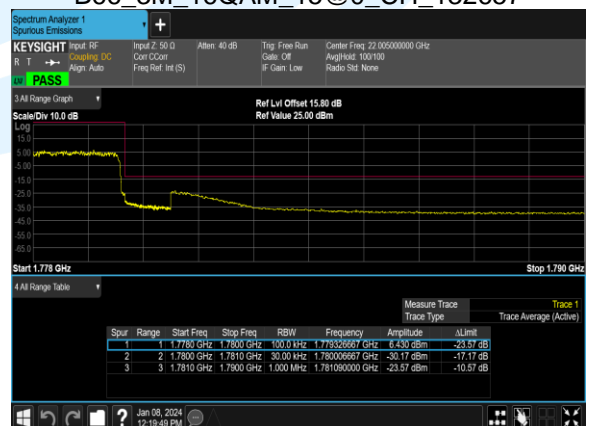
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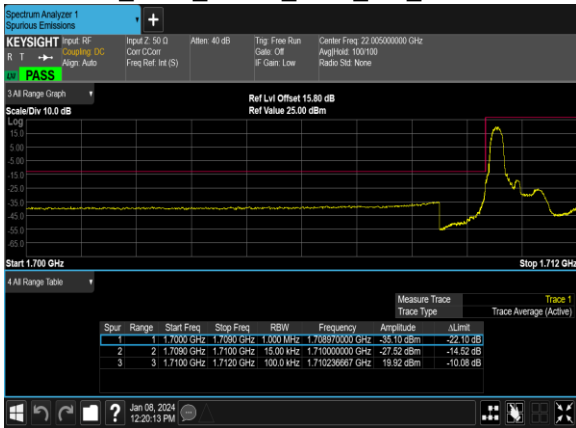
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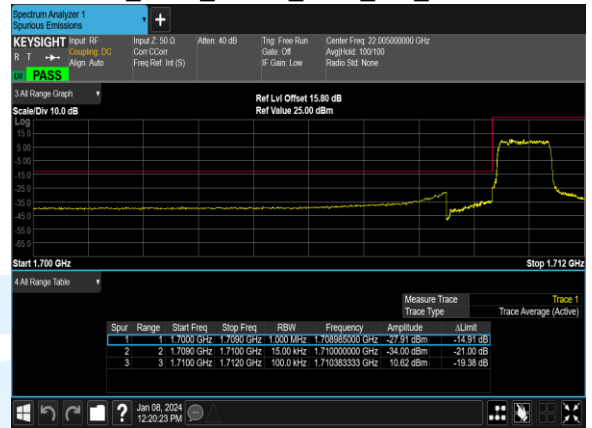
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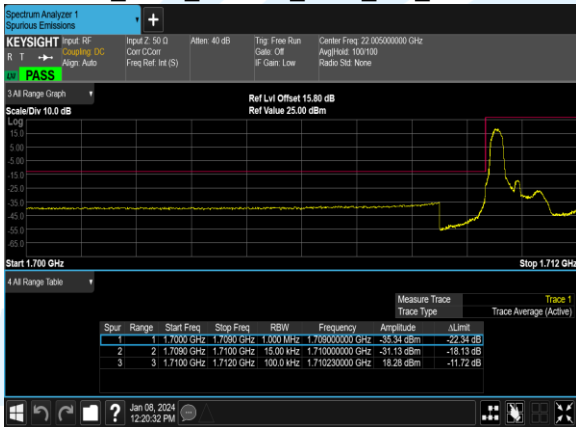
B66\_1.4M\_QPSK\_1@0\_CH\_131979



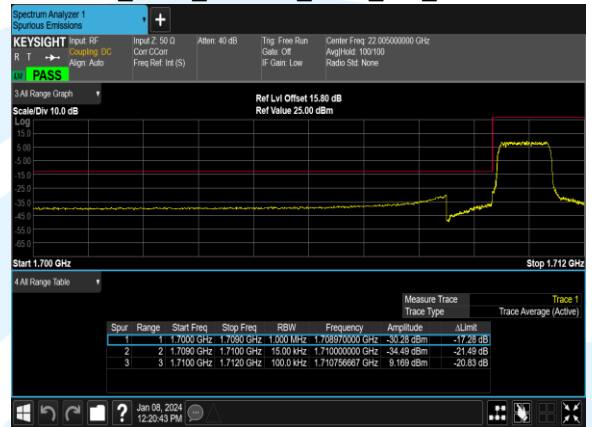
B66\_1.4M\_QPSK\_6@0\_CH\_131979



B66\_1.4M\_16QAM\_1@0\_CH\_131979



B66\_1.4M\_16QAM\_6@0\_CH\_131979



B66\_1.4M\_QPSK\_1@5\_CH\_132665



B66\_1.4M\_QPSK\_6@0\_CH\_132665



B66\_1.4M\_16QAM\_1@5\_CH\_132665



B66\_1.4M\_16QAM\_6@0\_CH\_132665



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### A.17 LTE BAND 71

#### Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
71	20.0	133222	673.0	QPSK	100@0	5.42	13	PASS
71	20.0	133222	673.0	16QAM	100@0	6.19	13	PASS
71	20.0	133322	683.0	QPSK	100@0	5.74	13	PASS
71	20.0	133322	683.0	16QAM	100@0	6.46	13	PASS
71	20.0	133372	688.0	QPSK	100@0	5.47	13	PASS
71	20.0	133372	688.0	16QAM	100@0	6.33	13	PASS
71	15.0	133197	670.5	QPSK	75@0	5.46	13	PASS
71	15.0	133197	670.5	16QAM	75@0	6.17	13	PASS
71	15.0	133297	680.5	QPSK	75@0	5.67	13	PASS
71	15.0	133297	680.5	16QAM	75@0	6.33	13	PASS
71	15.0	133397	690.5	QPSK	75@0	5.24	13	PASS
71	15.0	133397	690.5	16QAM	75@0	6.14	13	PASS
71	10.0	133172	668.0	QPSK	50@0	5.65	13	FAIL
71	10.0	133172	668.0	16QAM	50@0	6.35	13	PASS
71	10.0	133297	680.5	QPSK	50@0	5.74	13	PASS
71	10.0	133297	680.5	16QAM	50@0	6.43	13	PASS
71	10.0	133422	693.0	QPSK	50@0	5.53	13	PASS
71	10.0	133422	693.0	16QAM	50@0	6.31	13	PASS
71	5.0	133147	665.5	QPSK	25@0	5.64	13	PASS
71	5.0	133147	665.5	16QAM	25@0	6.26	13	PASS
71	5.0	133297	680.5	QPSK	25@0	5.78	13	PASS
71	5.0	133297	680.5	16QAM	25@0	6.46	13	PASS
71	5.0	133447	695.5	QPSK	25@0	5.63	13	PASS
71	5.0	133447	695.5	16QAM	25@0	6.31	13	PASS

## Test Graphs

B71\_20M\_QPSK\_100@0\_CH\_133222



B71\_20M\_16QAM\_100@0\_CH\_133222



B71\_20M\_QPSK\_100@0\_CH\_133322



B71\_20M\_16QAM\_100@0\_CH\_133322



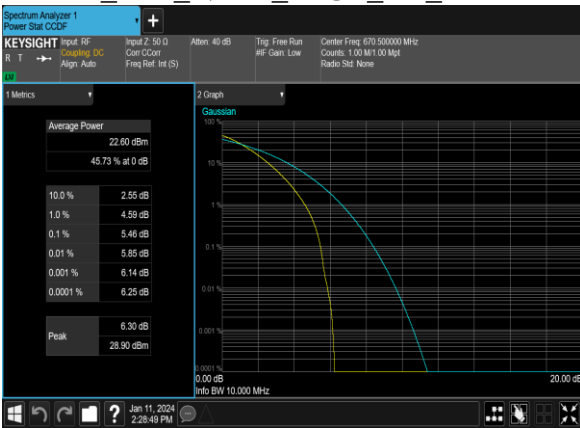
B71\_20M\_QPSK\_100@0\_CH\_133372



B71\_20M\_16QAM\_100@0\_CH\_133372



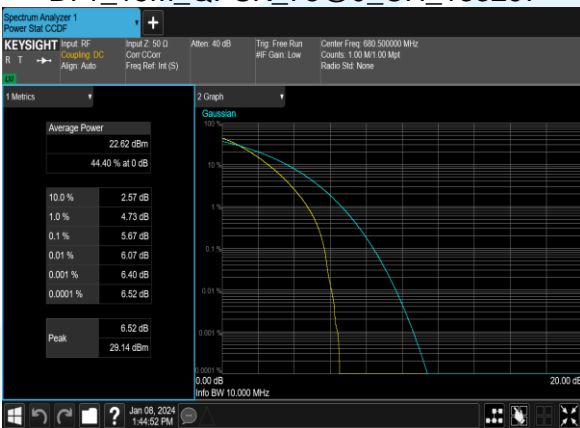
B71\_15M\_QPSK\_75@0\_CH\_133197



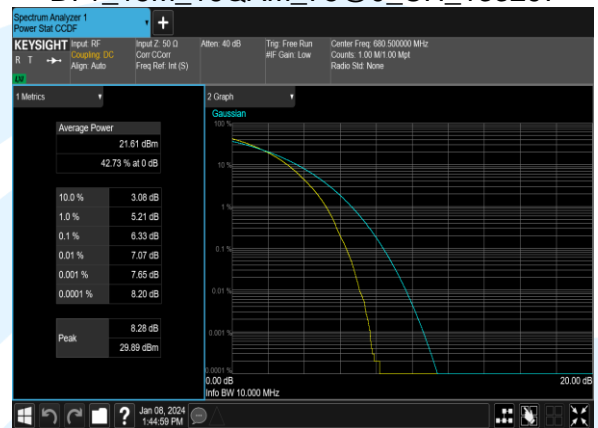
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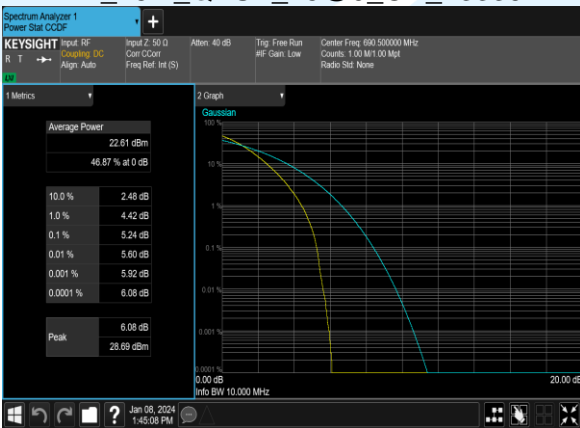
B71\_15M\_QPSK\_75@0\_CH\_133297



B71\_15M\_16QAM\_75@0\_CH\_133297



B71\_15M\_QPSK\_75@0\_CH\_133397



B71\_15M\_16QAM\_75@0\_CH\_133397



B71\_10M\_QPSK\_50@0\_CH\_133172



B71\_10M\_16QAM\_50@0\_CH\_133172



B71\_10M\_QPSK\_50@0\_CH\_133297



B71\_10M\_16QAM\_50@0\_CH\_133297



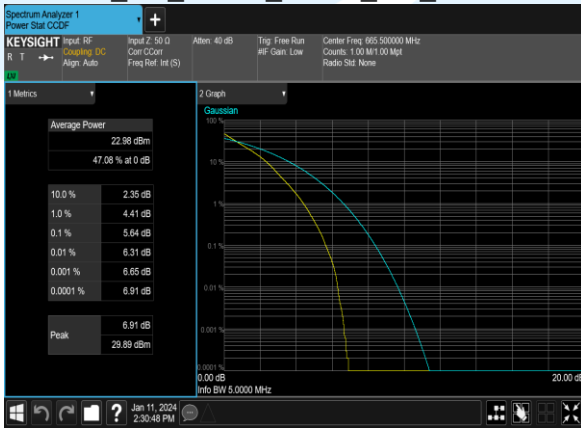
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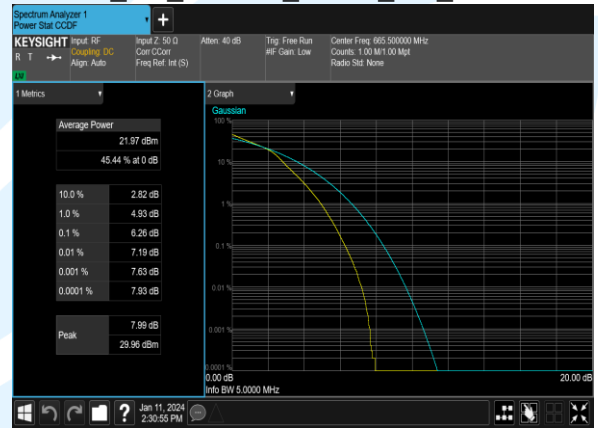
B71\_10M\_16QAM\_50@0\_CH\_133422



B71\_5M\_QPSK\_25@0\_CH\_133147



B71\_5M\_16QAM\_25@0\_CH\_133147



B71\_5M\_QPSK\_25@0\_CH\_133297



B71\_5M\_16QAM\_25@0\_CH\_133297



B71\_5M\_QPSK\_25@0\_CH\_133447



B71\_5M\_16QAM\_25@0\_CH\_133447



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**Occupied Bandwidth**

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	20.0	133222	673.0	QPSK	100@0	17.836	18.75
71	20.0	133222	673.0	16QAM	100@0	17.806	18.73
71	20.0	133322	683.0	QPSK	100@0	17.861	18.94
71	20.0	133322	683.0	16QAM	100@0	17.834	18.78
71	20.0	133372	688.0	QPSK	100@0	17.803	18.80
71	20.0	133372	688.0	16QAM	100@0	17.781	18.72
71	15.0	133197	670.5	QPSK	75@0	13.395	14.27
71	15.0	133197	670.5	16QAM	75@0	13.386	14.11
71	15.0	133297	680.5	QPSK	75@0	13.422	14.17
71	15.0	133297	680.5	16QAM	75@0	13.438	14.23
71	15.0	133397	690.5	QPSK	75@0	13.395	14.08
71	15.0	133397	690.5	16QAM	75@0	13.358	14.15
71	10.0	133172	668.0	QPSK	50@0	8.9334	9.499
71	10.0	133172	668.0	16QAM	50@0	8.9361	9.483
71	10.0	133297	680.5	QPSK	50@0	8.9603	9.444
71	10.0	133297	680.5	16QAM	50@0	8.9421	9.515
71	10.0	133422	693.0	QPSK	50@0	8.9448	9.502
71	10.0	133422	693.0	16QAM	50@0	8.9210	9.431
71	5.0	133147	665.5	QPSK	25@0	4.4572	4.792
71	5.0	133147	665.5	16QAM	25@0	4.4564	4.804
71	5.0	133297	680.5	QPSK	25@0	4.4645	4.829
71	5.0	133297	680.5	16QAM	25@0	4.4646	4.813
71	5.0	133447	695.5	QPSK	25@0	4.4755	4.782
71	5.0	133447	695.5	16QAM	25@0	4.4544	4.776

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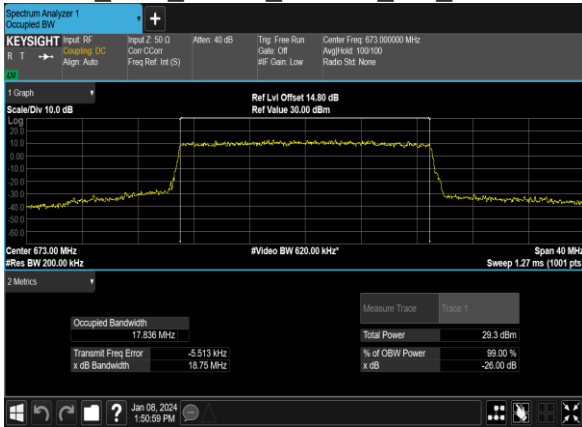
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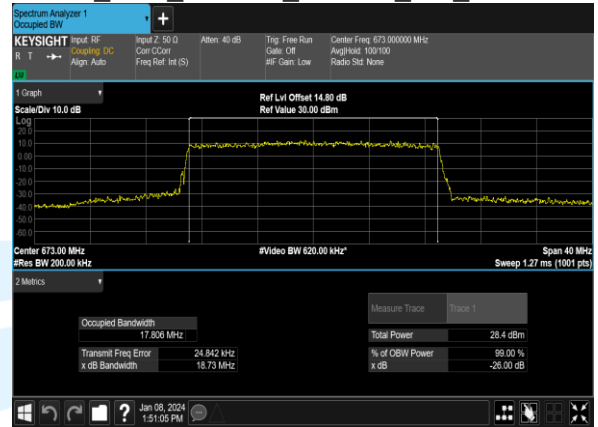


## Test Graphs

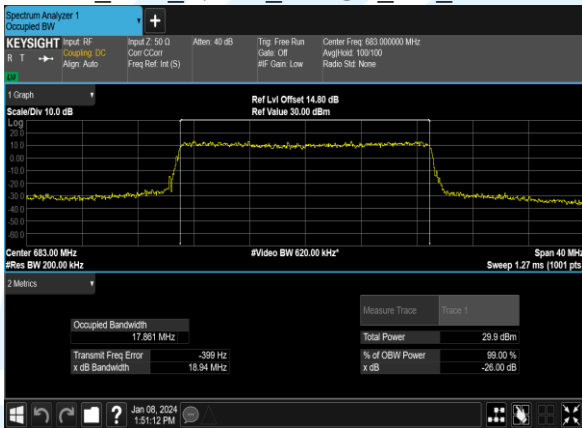
B71\_20M\_QPSK\_100@0\_CH\_133222



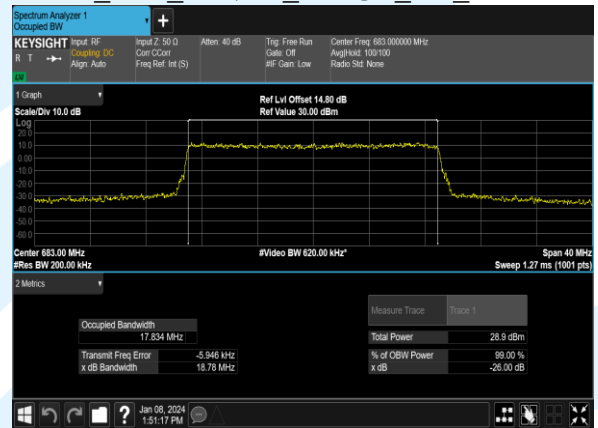
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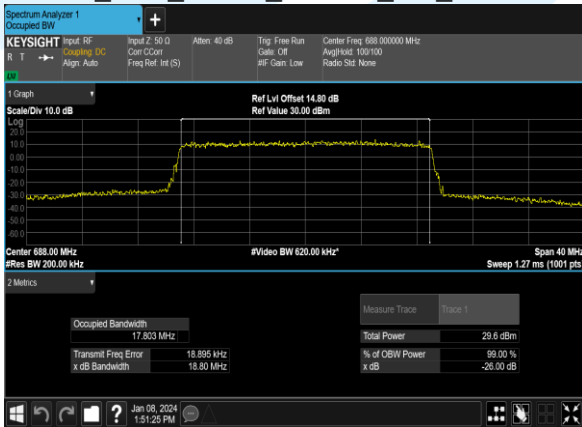
B71\_20M\_QPSK\_100@0\_CH\_133322



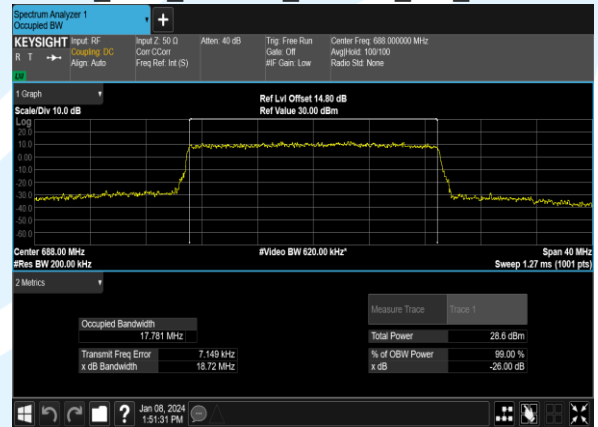
B71\_20M\_16QAM\_100@0\_CH\_133322



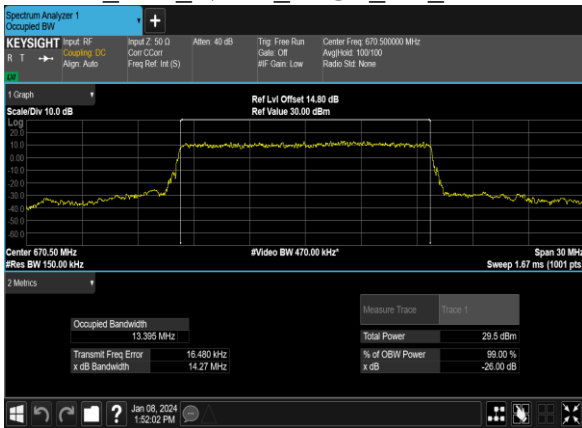
B71\_20M\_QPSK\_100@0\_CH\_133372



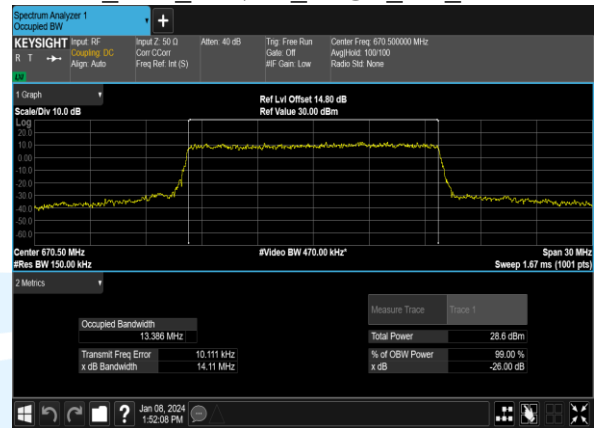
B71\_20M\_16QAM\_100@0\_CH\_133372



B71\_15M\_QPSK\_75@0\_CH\_133197



B71\_15M\_16QAM\_75@0\_CH\_133197



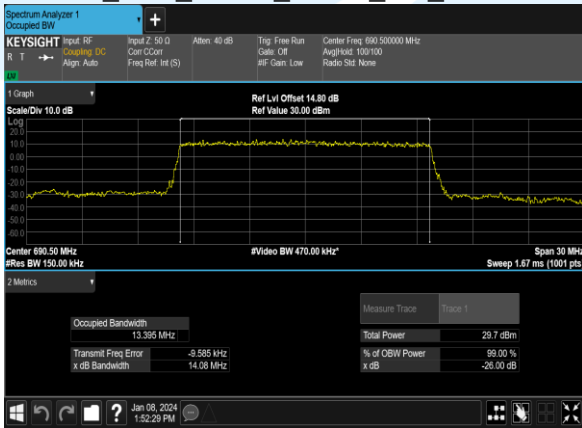
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B71\_15M\_16QAM\_75@0\_CH\_133297



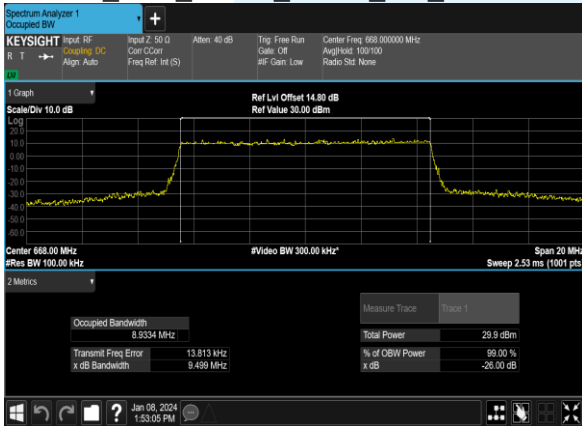
B71\_15M\_QPSK\_75@0\_CH\_133397



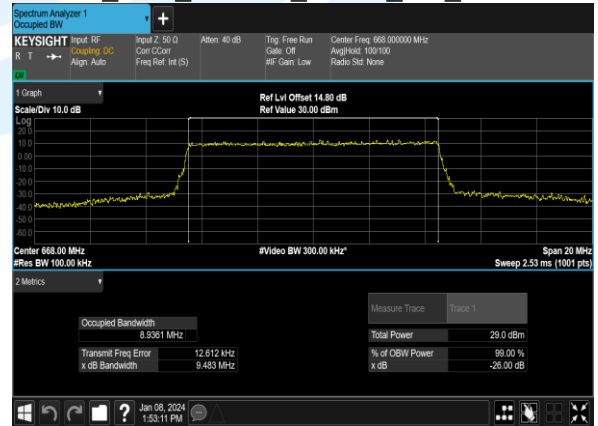
B71\_15M\_16QAM\_75@0\_CH\_133397



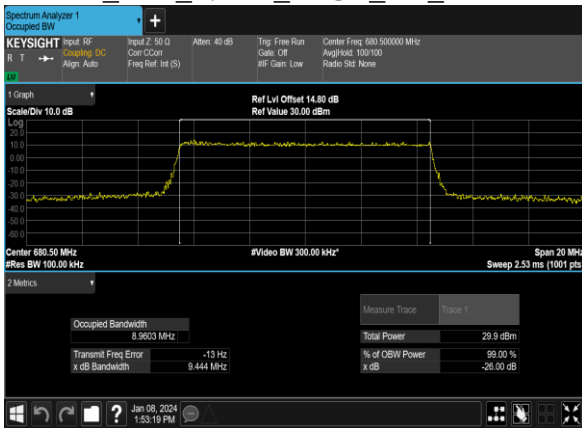
B71\_10M\_QPSK\_50@0\_CH\_133172



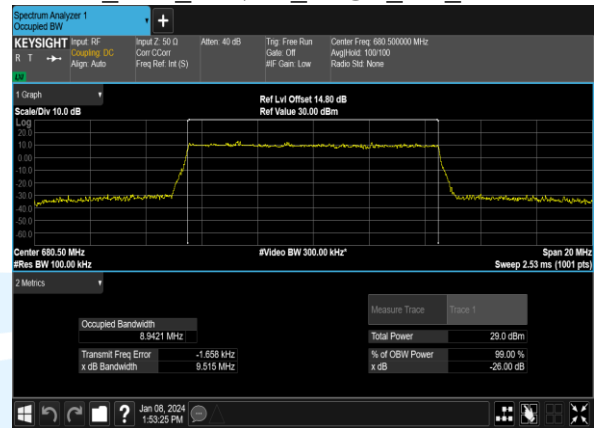
B71\_10M\_16QAM\_50@0\_CH\_133172



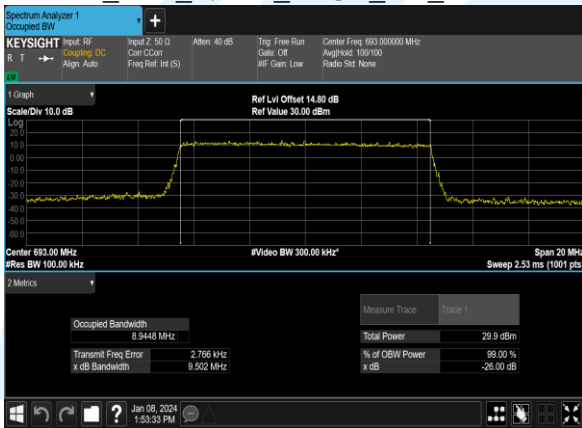
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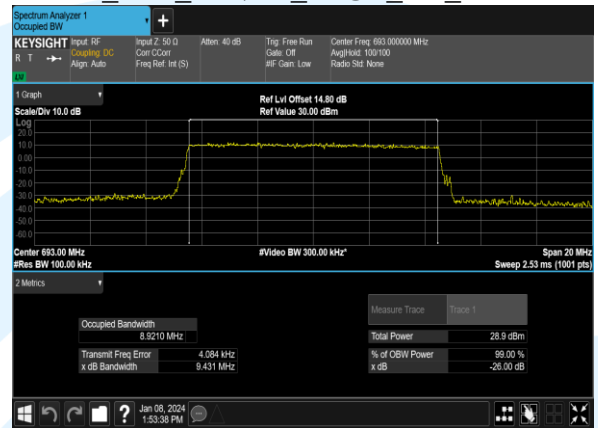
B71\_10M\_16QAM\_50@0\_CH\_133297



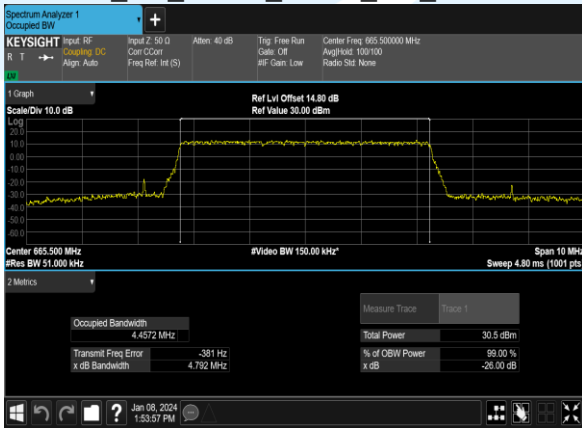
B71\_10M\_QPSK\_50@0\_CH\_133422



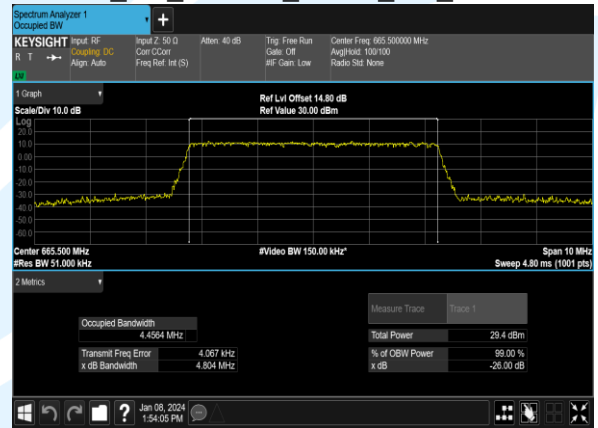
B71\_10M\_16QAM\_50@0\_CH\_133422



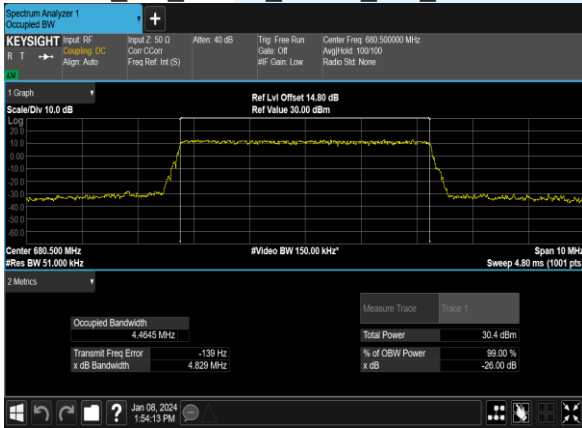
B71\_5M\_QPSK\_25@0\_CH\_133147



B71\_5M\_16QAM\_25@0\_CH\_133147



B71\_5M\_QPSK\_25@0\_CH\_133297



B71\_5M\_16QAM\_25@0\_CH\_133297



B71\_5M\_QPSK\_25@0\_CH\_133447



B71\_5M\_16QAM\_25@0\_CH\_133447



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**Conducted Spurious Emissions**

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
71	20.0	133222	673.0	QPSK	1@0	-20.17	-13	PASS
71	20.0	133222	673.0	16QAM	1@0	-20.88	-13	PASS
71	20.0	133322	683.0	QPSK	1@0	-20.54	-13	PASS
71	20.0	133322	683.0	16QAM	1@0	-20.97	-13	PASS
71	20.0	133372	688.0	QPSK	1@0	-21.38	-13	PASS
71	20.0	133372	688.0	16QAM	1@0	-21.12	-13	PASS
71	15.0	133197	670.5	QPSK	1@0	-20.87	-13	PASS
71	15.0	133197	670.5	16QAM	1@0	-20.89	-13	PASS
71	15.0	133297	680.5	QPSK	1@0	-20.55	-13	PASS
71	15.0	133297	680.5	16QAM	1@0	-21.07	-13	PASS
71	15.0	133397	690.5	QPSK	1@0	-21.48	-13	PASS
71	15.0	133397	690.5	16QAM	1@0	-20.65	-13	PASS
71	10.0	133172	668.0	QPSK	1@0	-21.6	-13	PASS
71	10.0	133172	668.0	16QAM	1@0	-21.25	-13	PASS
71	10.0	133297	680.5	QPSK	1@0	-20.21	-13	PASS
71	10.0	133297	680.5	16QAM	1@0	-20.49	-13	PASS
71	10.0	133422	693.0	QPSK	1@0	-20.85	-13	PASS
71	10.0	133422	693.0	16QAM	1@0	-20.74	-13	PASS
71	5.0	133147	665.5	QPSK	1@0	-21.05	-13	PASS
71	5.0	133147	665.5	16QAM	1@0	-21.23	-13	PASS
71	5.0	133297	680.5	QPSK	1@0	-20.74	-13	PASS
71	5.0	133297	680.5	16QAM	1@0	-21.66	-13	PASS
71	5.0	133447	695.5	QPSK	1@0	-20.96	-13	PASS
71	5.0	133447	695.5	16QAM	1@0	-21.5	-13	PASS

## Test Graphs

B71\_20M\_QPSK\_1@0\_CH\_133222



B71\_20M\_16QAM\_1@0\_CH\_133222



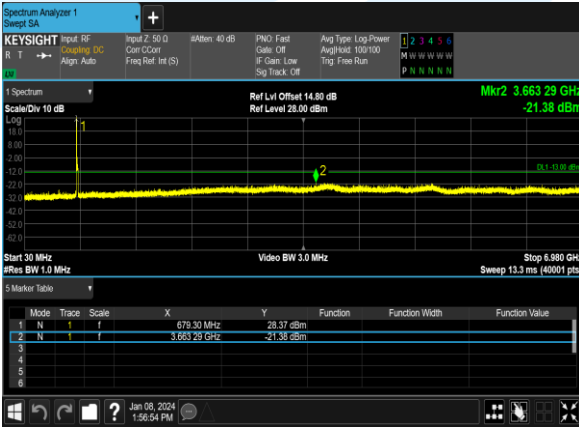
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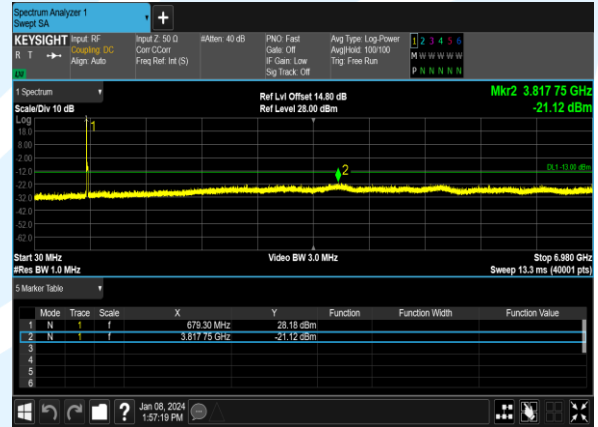
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B71\_20M\_QPSK\_1@0\_CH\_133372



B71\_20M\_16QAM\_1@0\_CH\_133372



B71\_15M\_QPSK\_1@0\_CH\_133197



B71\_15M\_16QAM\_1@0\_CH\_133197



B71\_15M\_QPSK\_1@0\_CH\_133297



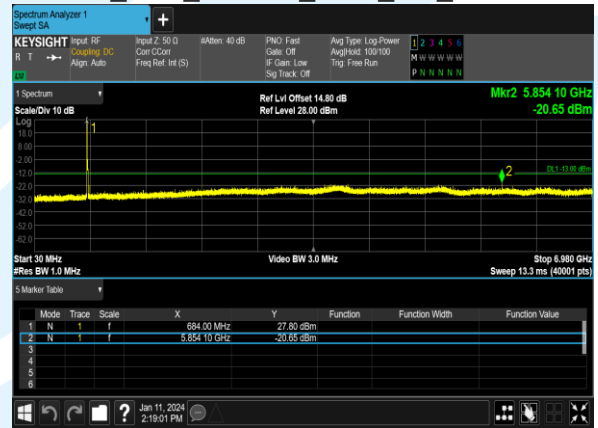
B71\_15M\_16QAM\_1@0\_CH\_133297



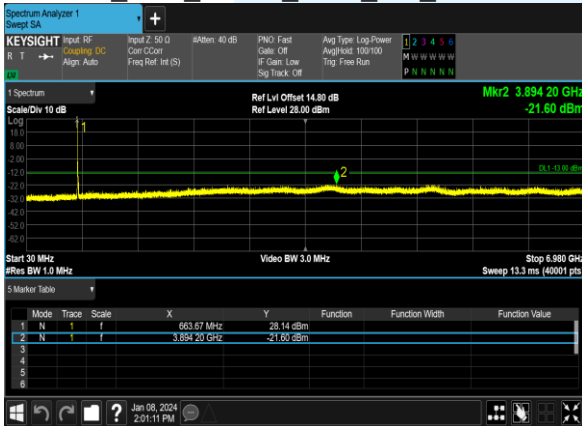
B71\_15M\_QPSK\_1@0\_CH\_133397



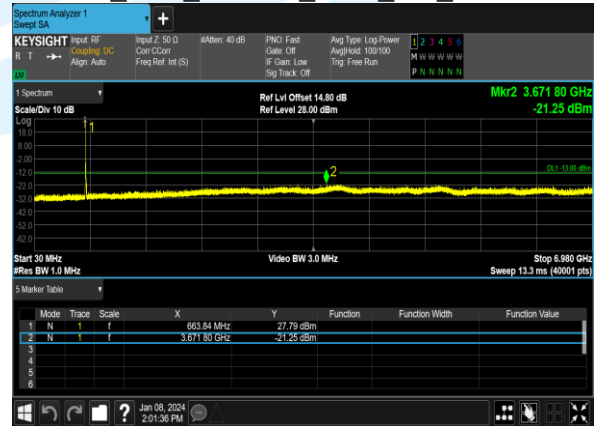
B71\_15M\_16QAM\_1@0\_CH\_133397



B71\_10M\_QPSK\_1@0\_CH\_133172



B71\_10M\_16QAM\_1@0\_CH\_133172



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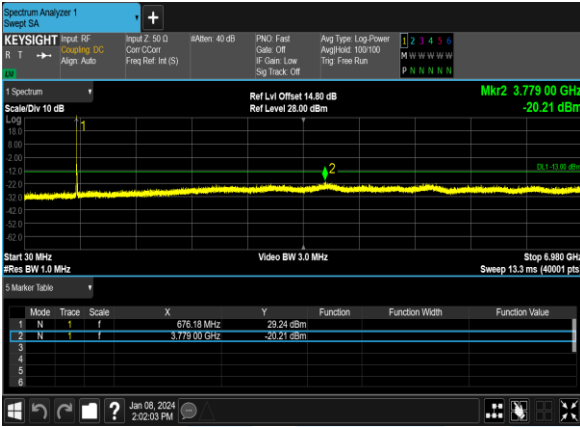
Fax: +86-755-28230886

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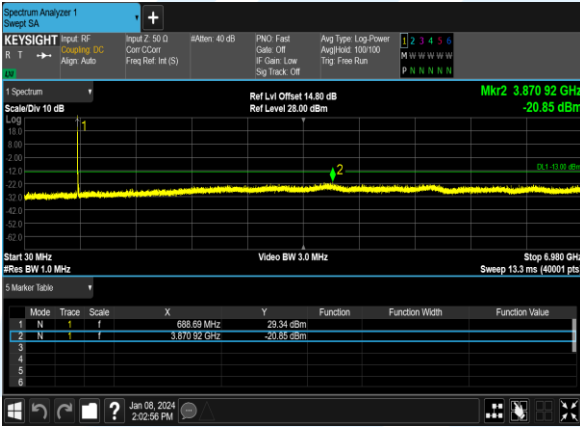
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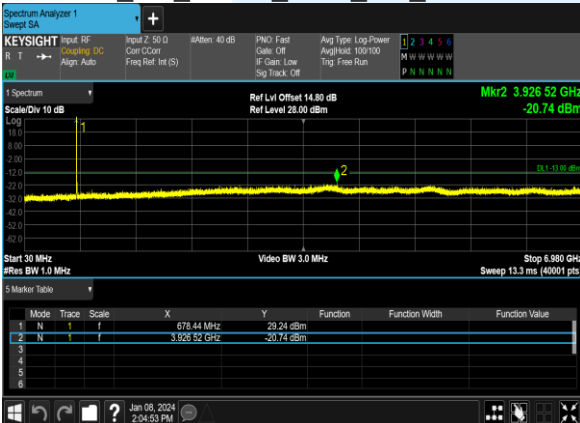
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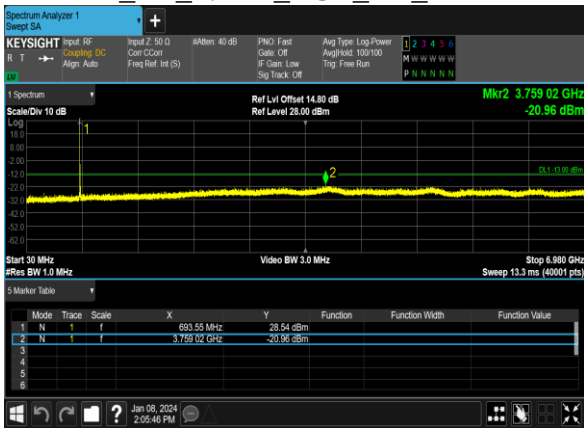


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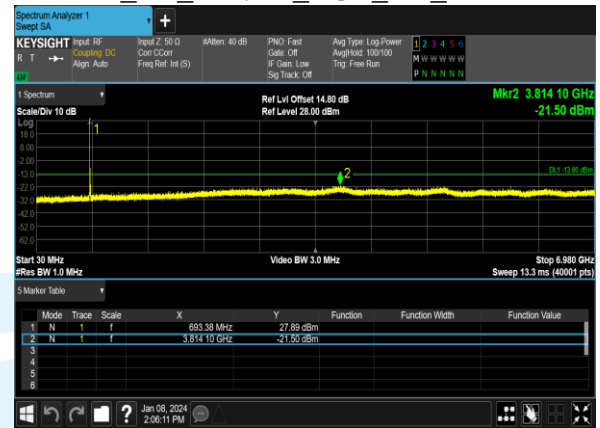




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