

## Test Graphs

B7\_20M\_QPSK\_1@0\_CH\_20850



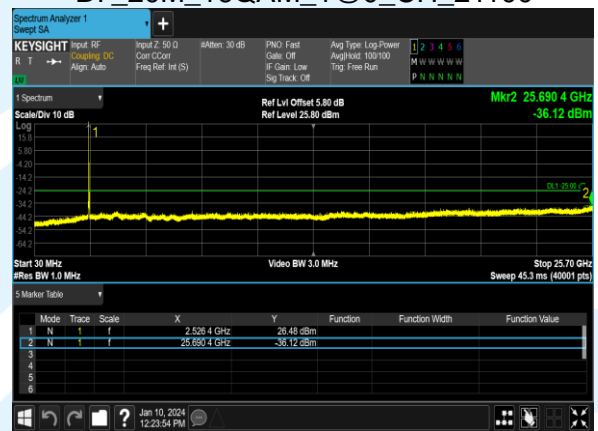
B7\_20M\_16QAM\_1@0\_CH\_20850



B7\_20M\_QPSK\_1@0\_CH\_21100



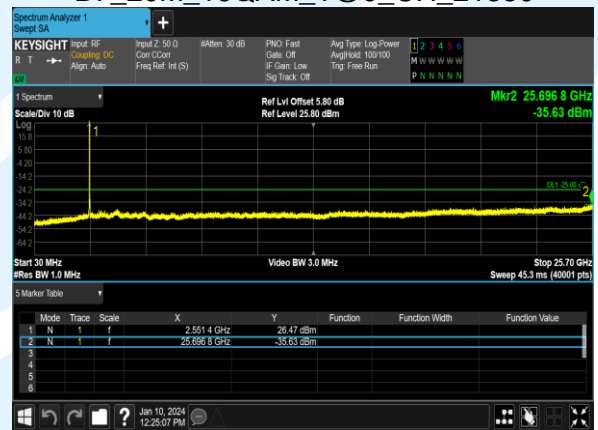
B7\_20M\_16QAM\_1@0\_CH\_21100



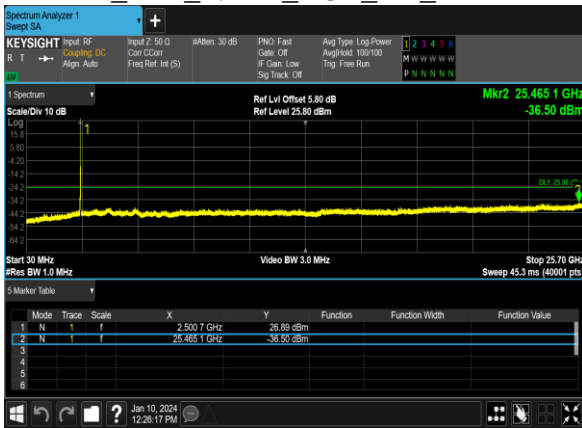
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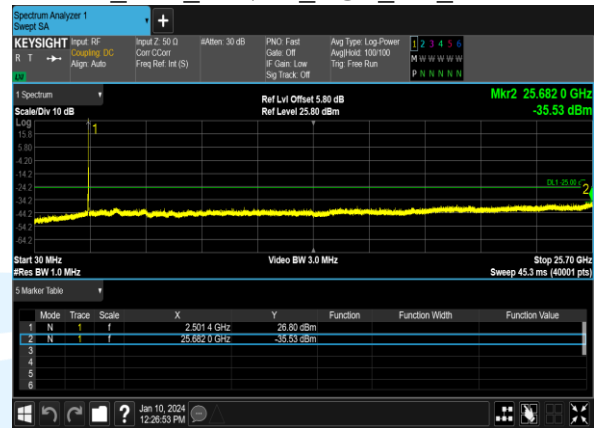
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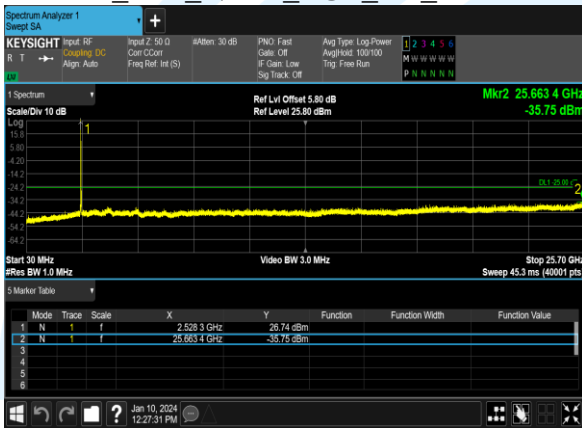
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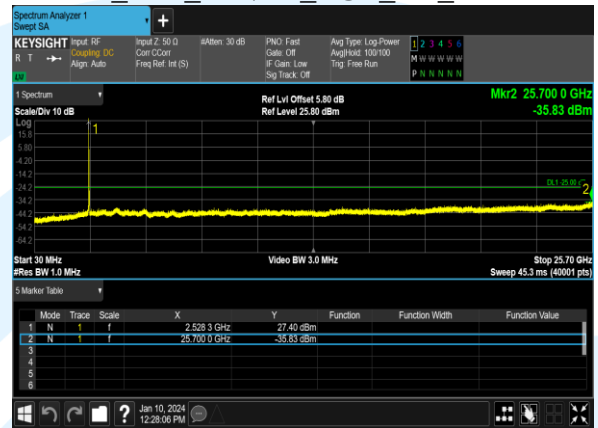
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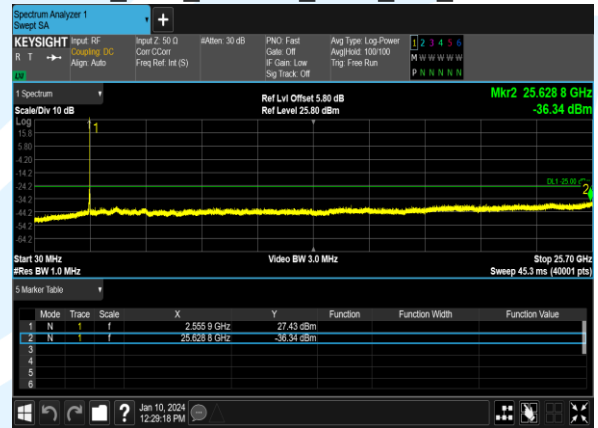
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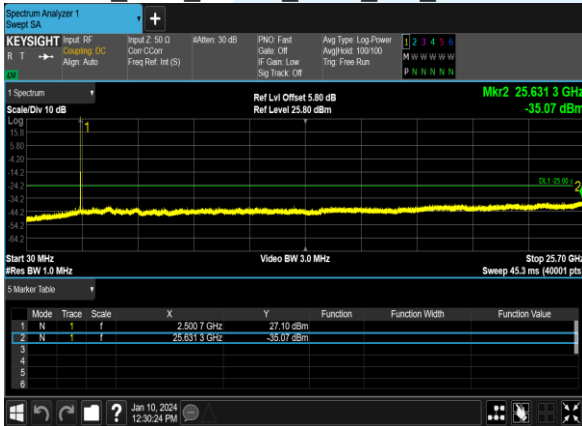
B7\_15M\_QPSK\_1@0\_CH\_21375



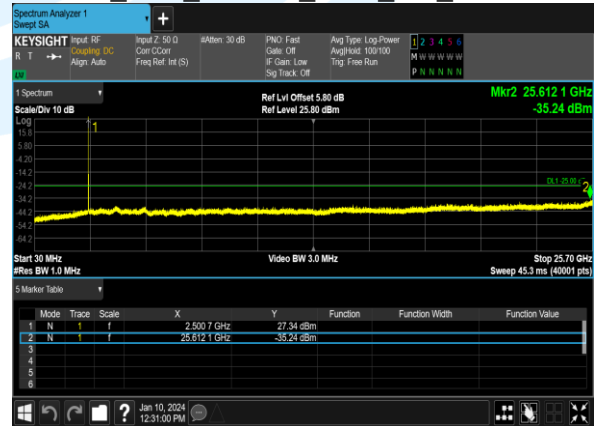
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B7\_10M\_QPSK\_1@0\_CH\_20800



B7\_10M\_16QAM\_1@0\_CH\_20800



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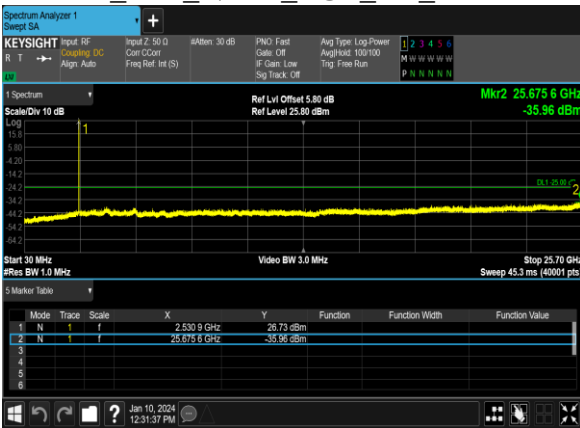
Fax: +86-755-28230886

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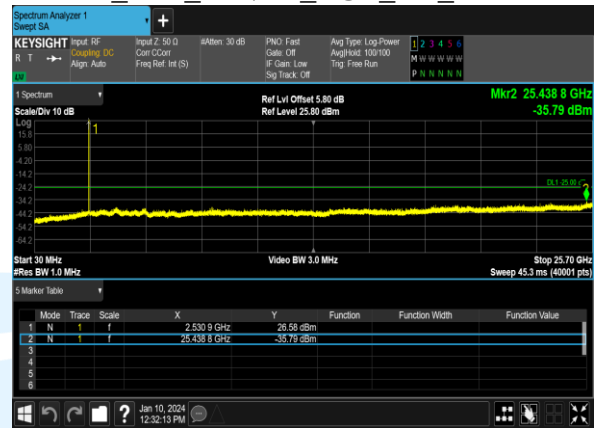
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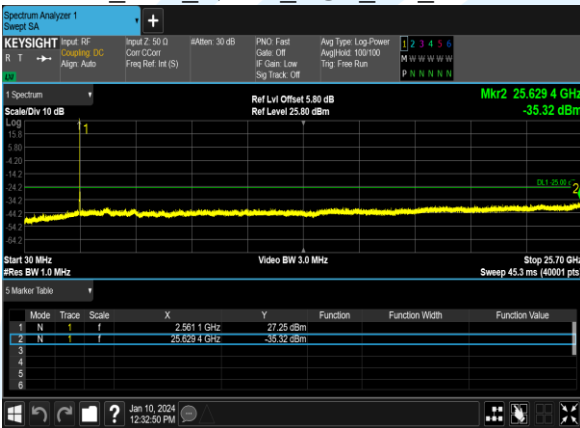
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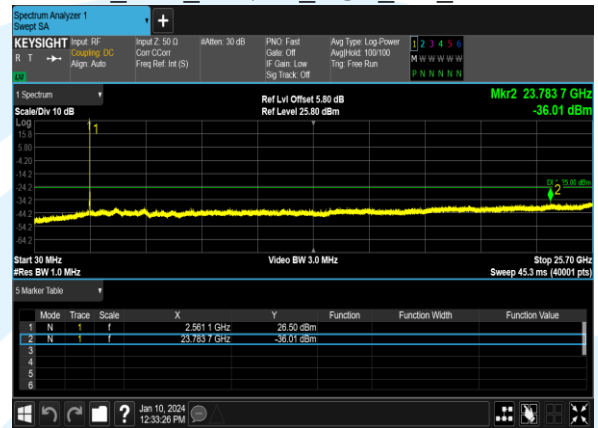
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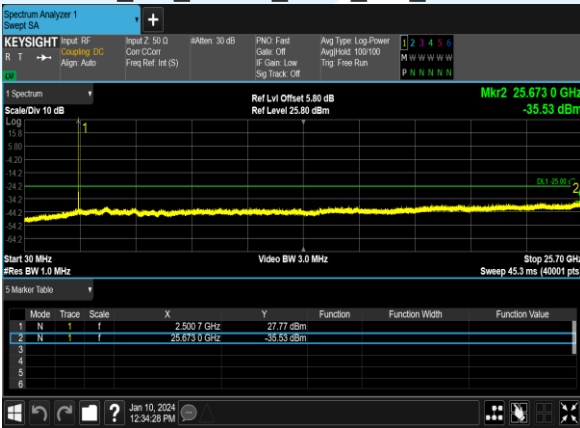
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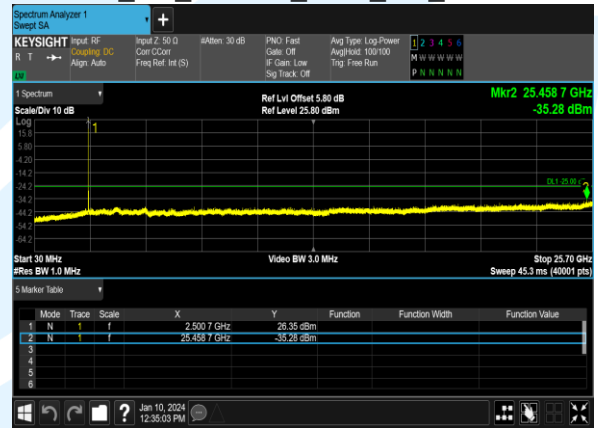
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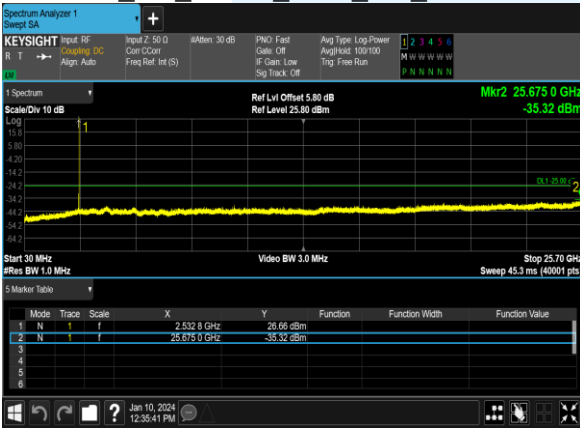
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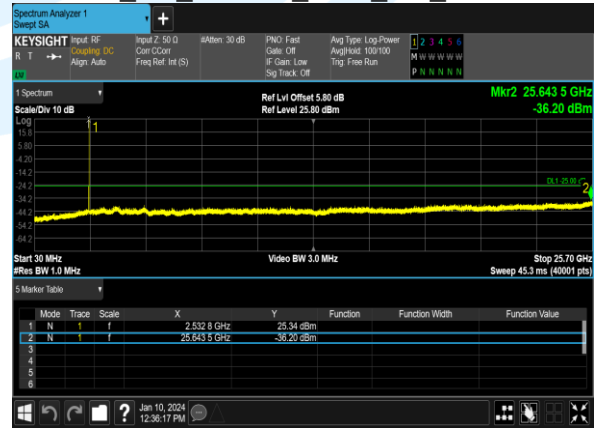
B7\_5M\_16QAM\_1@0\_CH\_20775



B7\_5M\_QPSK\_1@0\_CH\_21100



B7\_5M\_16QAM\_1@0\_CH\_21100



B7\_5M\_QPSK\_1@0\_CH\_21425



B7\_5M\_16QAM\_1@0\_CH\_21425



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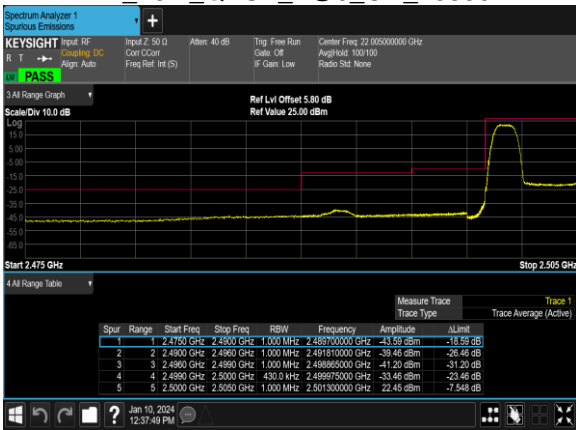
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**Conducted Band Edge**

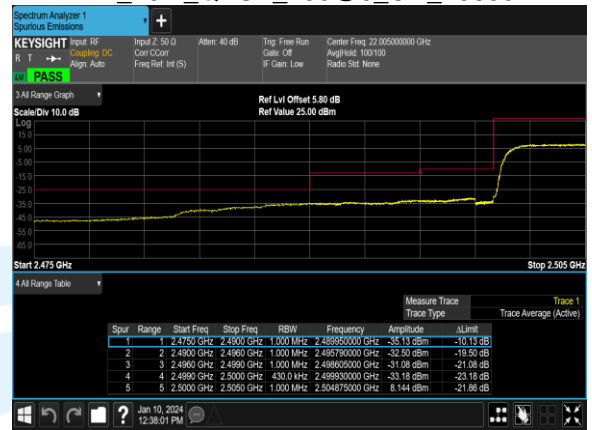
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
7	20.0	20850	2510.0	QPSK	1@0	see graph	PASS
7	20.0	20850	2510.0	QPSK	100@0	see graph	PASS
7	20.0	20850	2510.0	16QAM	1@0	see graph	PASS
7	20.0	20850	2510.0	16QAM	100@0	see graph	PASS
7	20.0	21350	2560.0	QPSK	1@99	see graph	PASS
7	20.0	21350	2560.0	QPSK	100@0	see graph	PASS
7	20.0	21350	2560.0	16QAM	1@99	see graph	PASS
7	20.0	21350	2560.0	16QAM	100@0	see graph	PASS
7	15.0	20825	2507.5	QPSK	1@0	see graph	PASS
7	15.0	20825	2507.5	QPSK	75@0	see graph	PASS
7	15.0	20825	2507.5	16QAM	1@0	see graph	PASS
7	15.0	20825	2507.5	16QAM	75@0	see graph	PASS
7	15.0	21375	2562.5	QPSK	1@74	see graph	PASS
7	15.0	21375	2562.5	QPSK	75@0	see graph	PASS
7	15.0	21375	2562.5	16QAM	1@74	see graph	PASS
7	15.0	21375	2562.5	16QAM	75@0	see graph	PASS
7	10.0	20800	2505.0	QPSK	1@0	see graph	PASS
7	10.0	20800	2505.0	QPSK	50@0	see graph	PASS
7	10.0	20800	2505.0	16QAM	1@0	see graph	PASS
7	10.0	20800	2505.0	16QAM	50@0	see graph	PASS
7	10.0	21400	2565.0	QPSK	1@49	see graph	PASS
7	10.0	21400	2565.0	QPSK	50@0	see graph	PASS
7	10.0	21400	2565.0	16QAM	1@49	see graph	PASS
7	10.0	21400	2565.0	16QAM	50@0	see graph	PASS
7	5.0	20775	2502.5	QPSK	1@0	see graph	PASS
7	5.0	20775	2502.5	QPSK	25@0	see graph	PASS
7	5.0	20775	2502.5	16QAM	1@0	see graph	PASS
7	5.0	20775	2502.5	16QAM	25@0	see graph	PASS
7	5.0	21425	2567.5	QPSK	1@24	see graph	PASS
7	5.0	21425	2567.5	QPSK	25@0	see graph	PASS
7	5.0	21425	2567.5	16QAM	1@24	see graph	PASS
7	5.0	21425	2567.5	16QAM	25@0	see graph	PASS

## Test Graphs

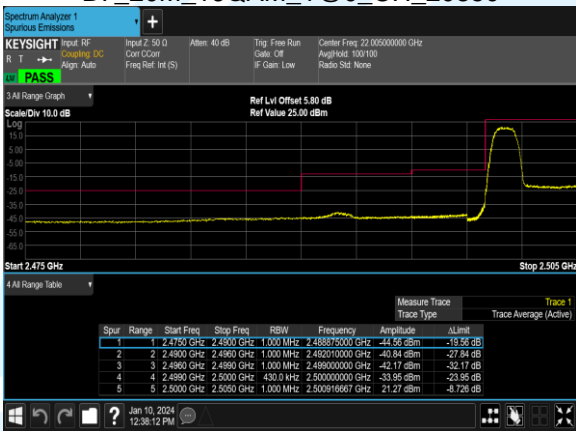
B7\_20M\_QPSK\_1@0\_CH\_20850



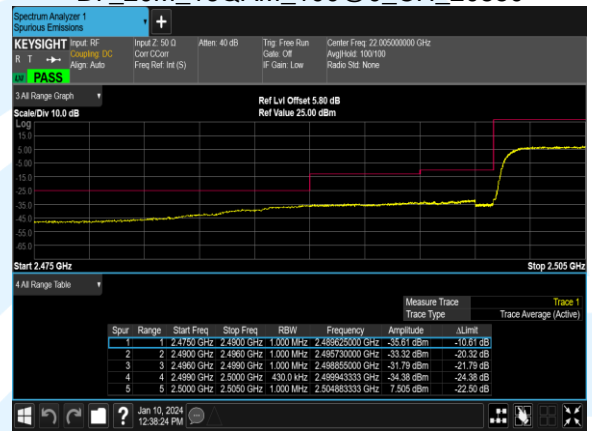
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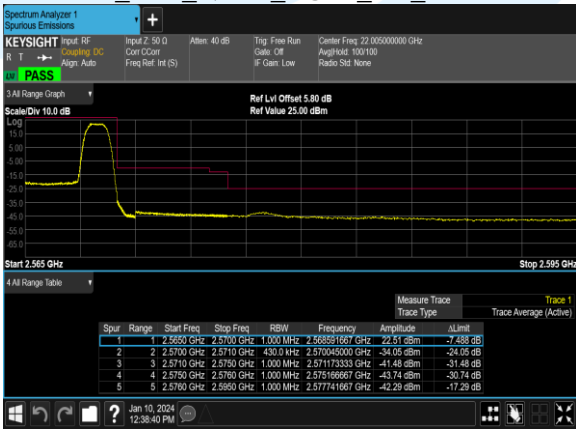
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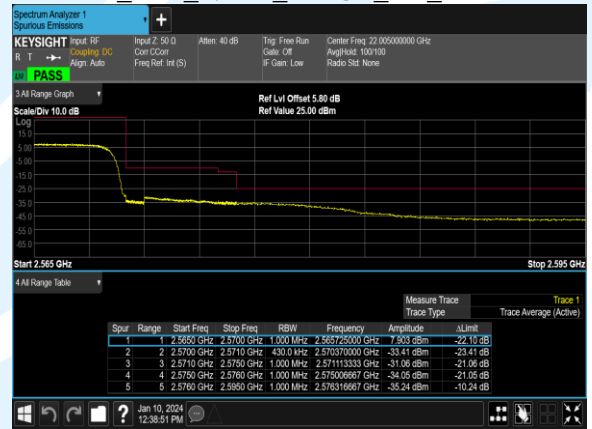
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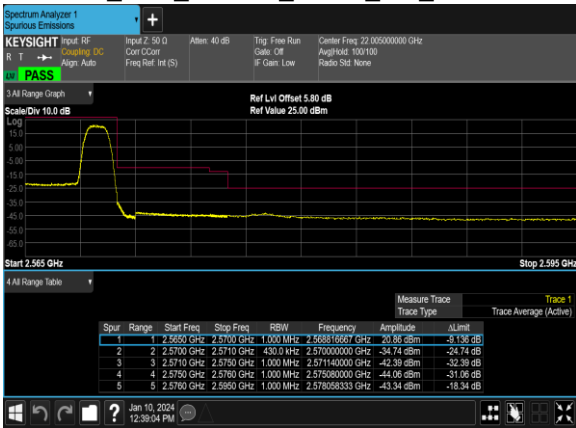
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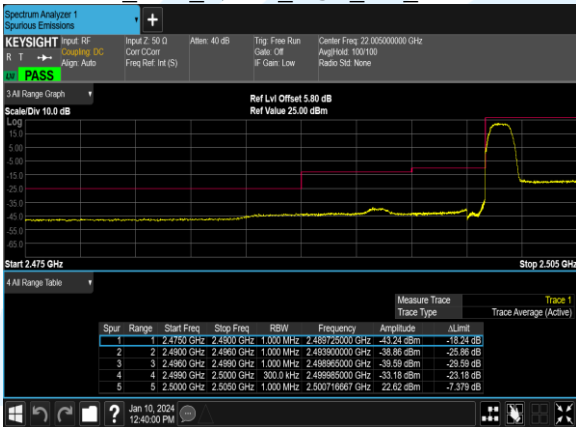
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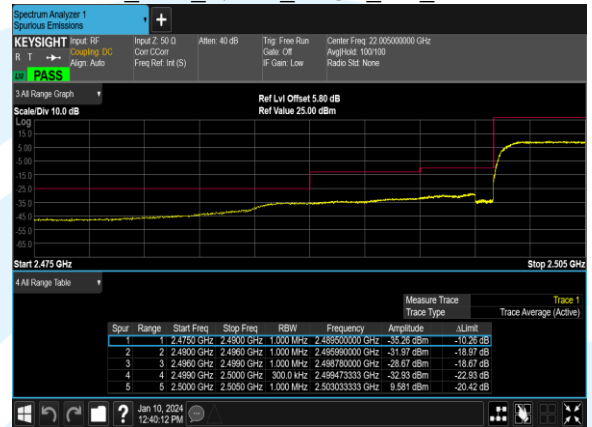
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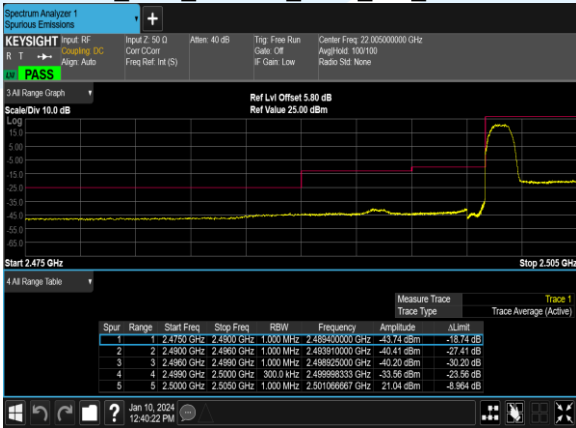
B7\_15M\_QPSK\_1@0\_CH\_20825



B7\_15M\_QPSK\_75@0\_CH\_20825



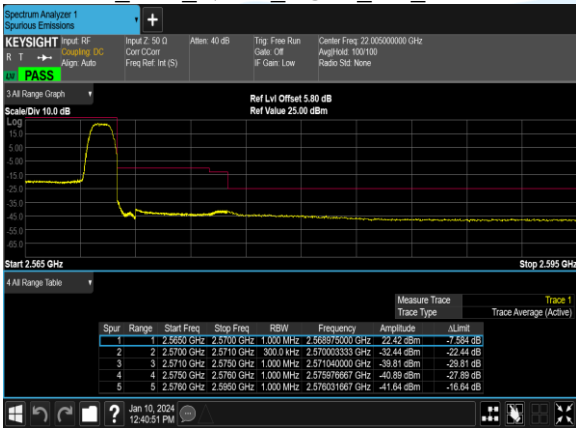
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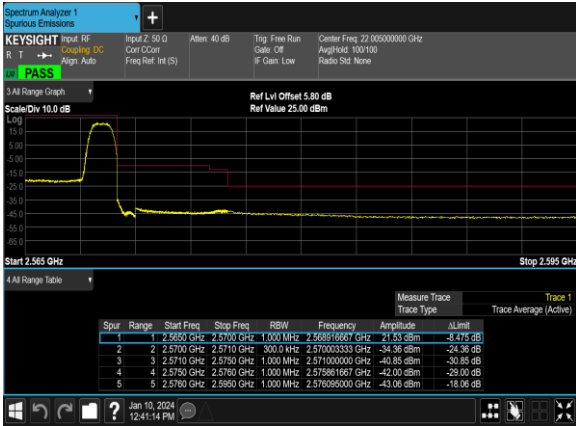
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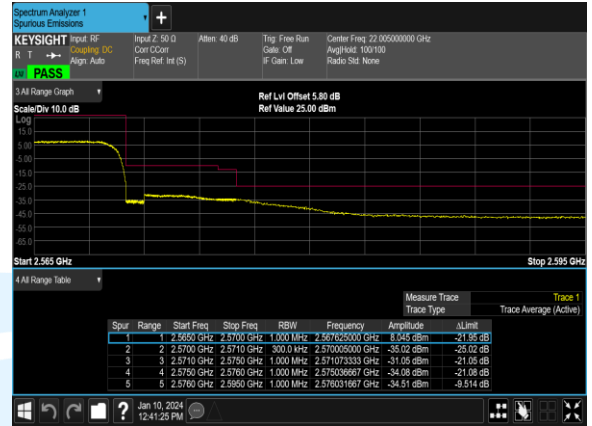
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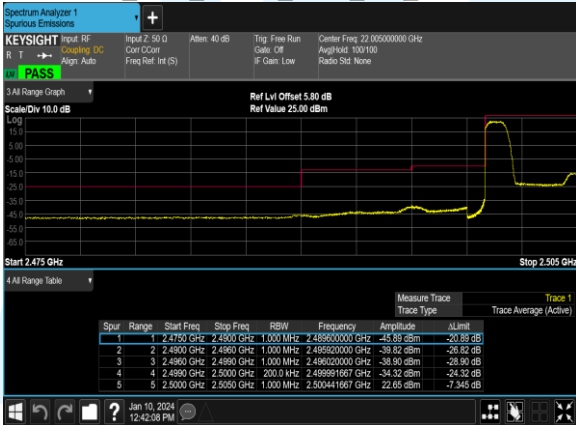
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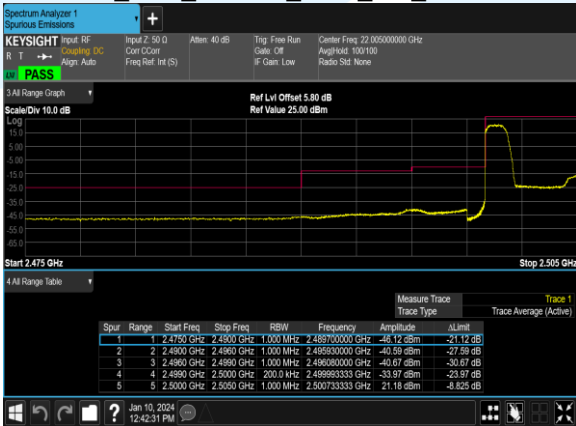
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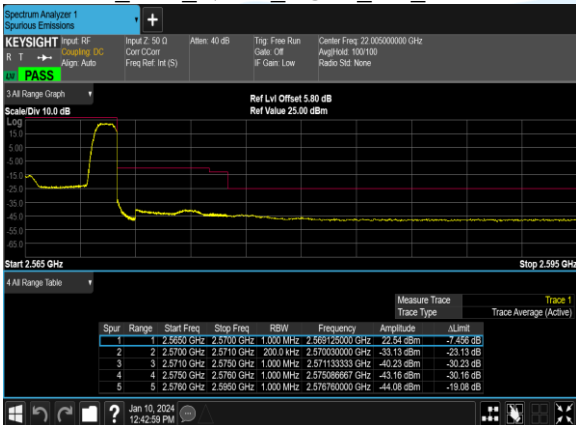
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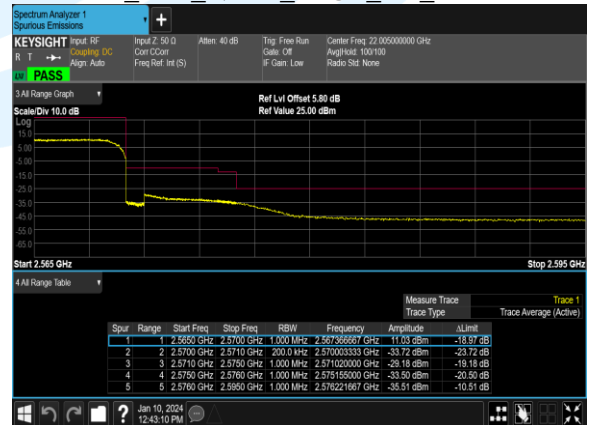
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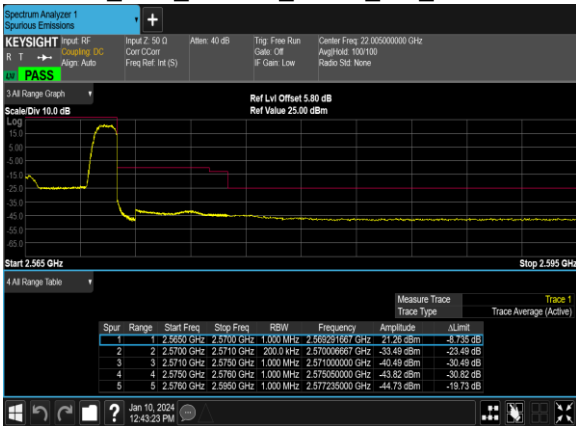


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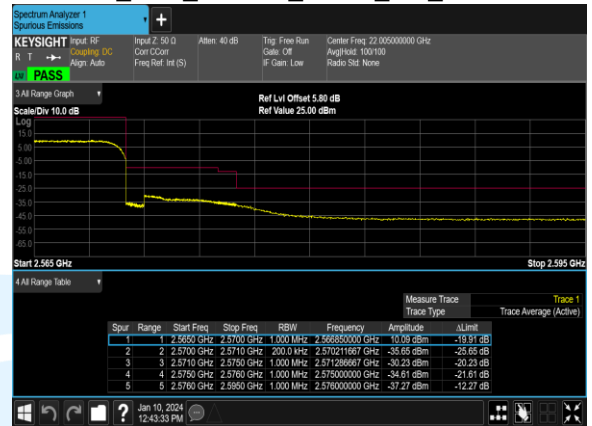




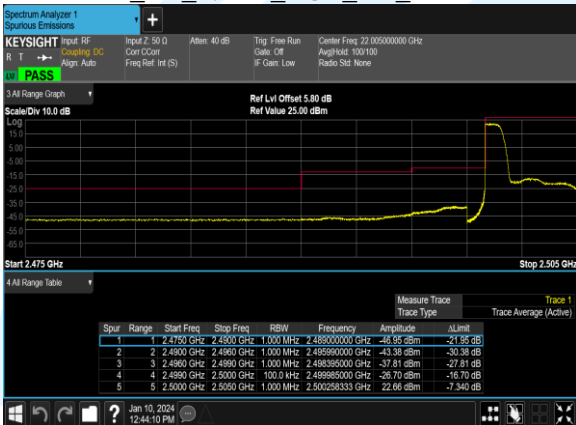
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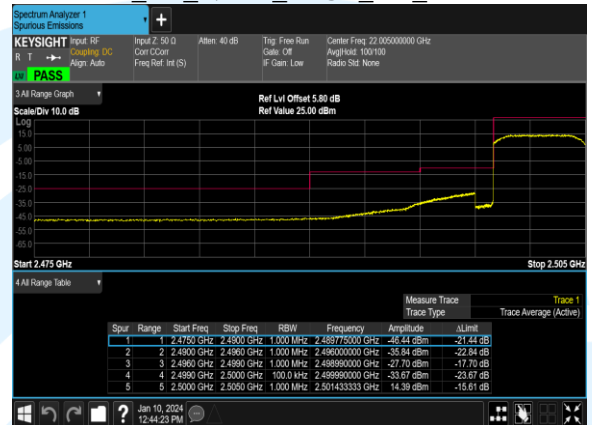
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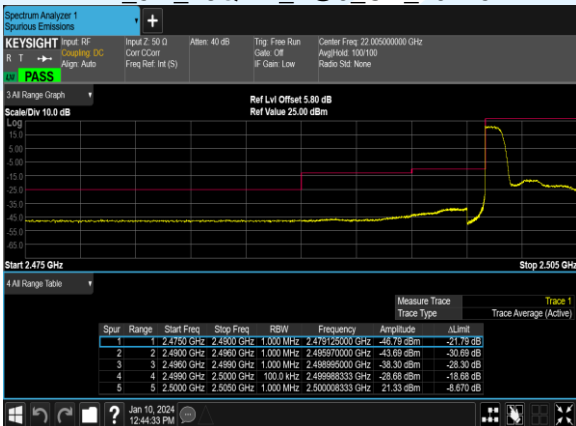
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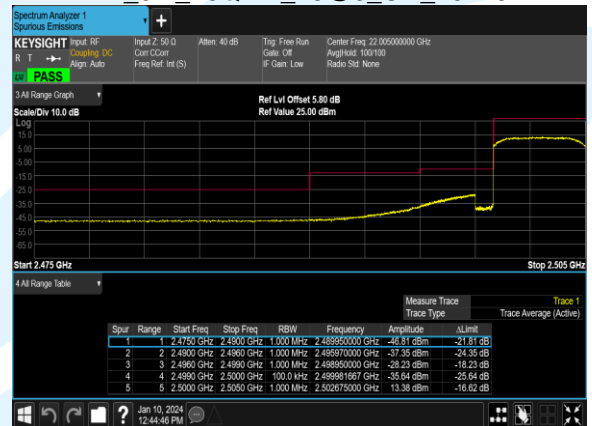
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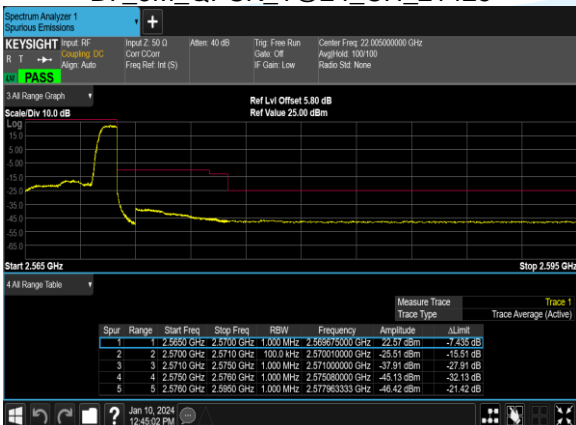
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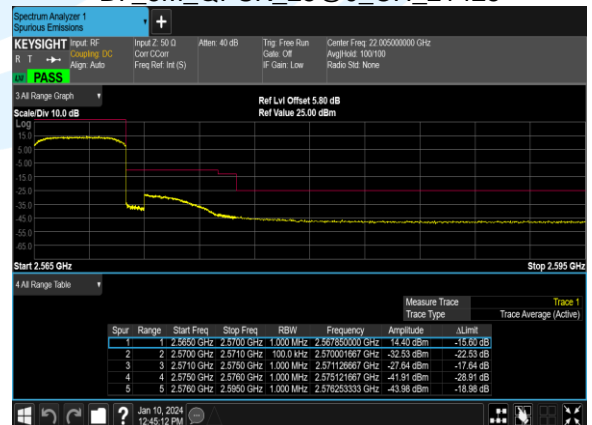
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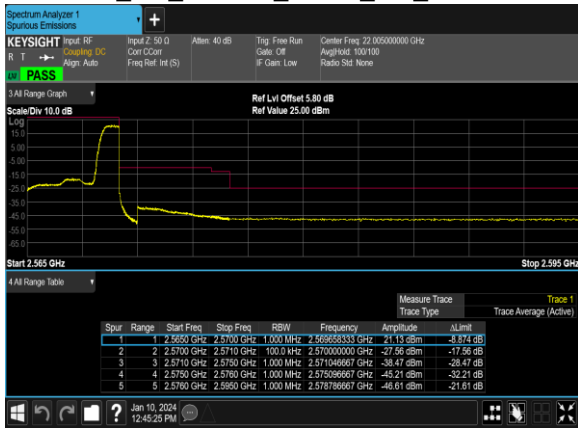
B7\_5M\_QPSK\_1@24\_CH\_21425



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B7\_5M\_16QAM\_1@24\_CH\_21425



B7\_5M\_16QAM\_25@0\_CH\_21425



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### A.5 LTE BAND 12

#### Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
12	10.0	23060	704.0	QPSK	50@0	5.72	13	PASS
12	10.0	23060	704.0	16QAM	50@0	6.47	13	PASS
12	10.0	23095	707.5	QPSK	50@0	5.59	13	PASS
12	10.0	23095	707.5	16QAM	50@0	6.36	13	PASS
12	10.0	23130	711.0	QPSK	50@0	5.60	13	PASS
12	10.0	23130	711.0	16QAM	50@0	6.41	13	PASS
12	5.0	23035	701.5	QPSK	25@0	5.70	13	PASS
12	5.0	23035	701.5	16QAM	25@0	6.42	13	PASS
12	5.0	23095	707.5	QPSK	25@0	5.69	13	PASS
12	5.0	23095	707.5	16QAM	25@0	6.37	13	PASS
12	5.0	23155	713.5	QPSK	25@0	5.80	13	PASS
12	5.0	23155	713.5	16QAM	25@0	6.48	13	PASS
12	3.0	23025	700.5	QPSK	15@0	5.47	13	PASS
12	3.0	23025	700.5	16QAM	15@0	6.35	13	PASS
12	3.0	23095	707.5	QPSK	15@0	5.49	13	PASS
12	3.0	23095	707.5	16QAM	15@0	6.37	13	PASS
12	3.0	23165	714.5	QPSK	15@0	5.71	13	PASS
12	3.0	23165	714.5	16QAM	15@0	6.48	13	PASS
12	1.4	23017	699.7	QPSK	6@0	5.62	13	PASS
12	1.4	23017	699.7	16QAM	6@0	6.36	13	PASS
12	1.4	23095	707.5	QPSK	6@0	5.67	13	PASS
12	1.4	23095	707.5	16QAM	6@0	6.46	13	PASS
12	1.4	23173	715.3	QPSK	6@0	5.71	13	PASS
12	1.4	23173	715.3	16QAM	6@0	6.50	13	PASS

## Test Graphs

B12\_10M\_QPSK\_50@0\_CH\_23060



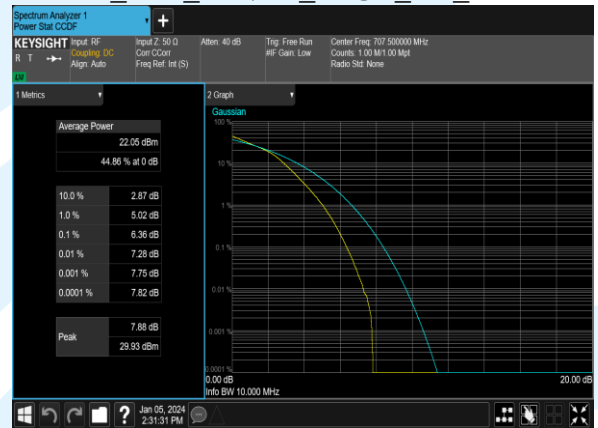
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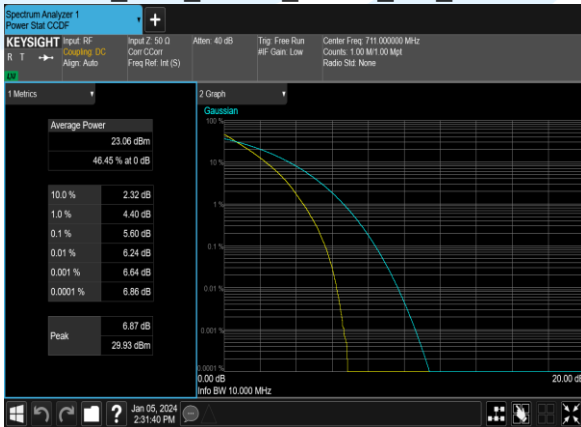
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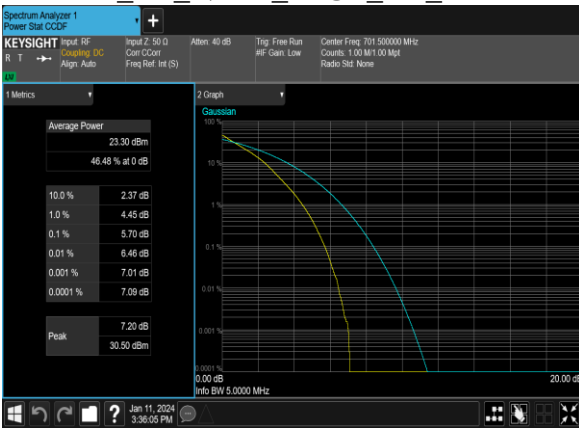
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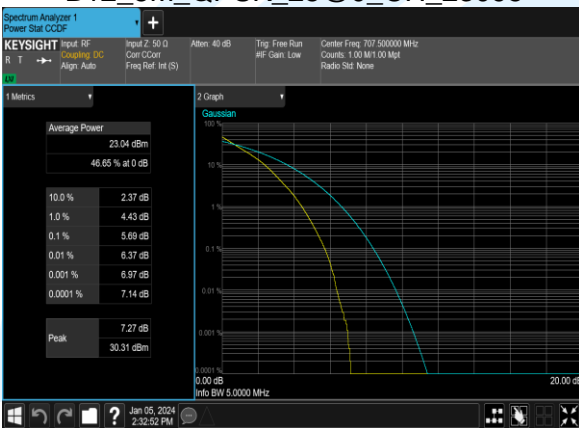
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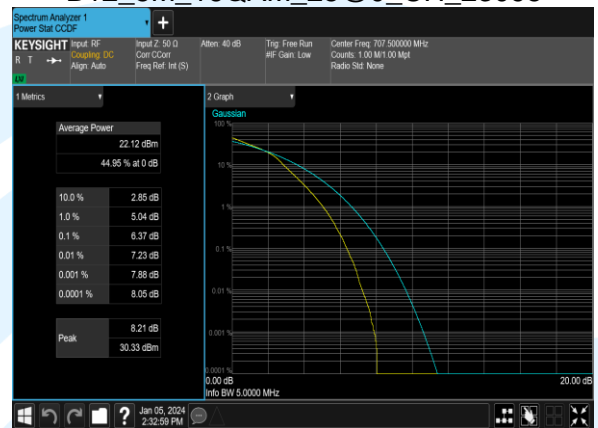
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B12\_5M\_16QAM\_25@0\_CH\_23095



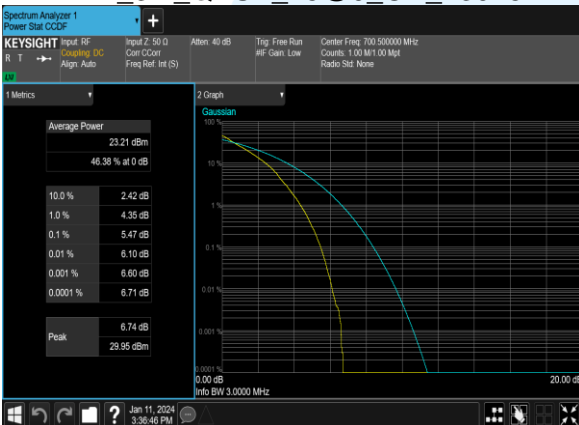
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B12\_5M\_16QAM\_25@0\_CH\_23155



B12\_3M\_QPSK\_15@0\_CH\_23025



B12\_3M\_16QAM\_15@0\_CH\_23025



B12\_3M\_QPSK\_15@0\_CH\_23095



B12\_3M\_16QAM\_15@0\_CH\_23095



B12\_3M\_QPSK\_15@0\_CH\_23165



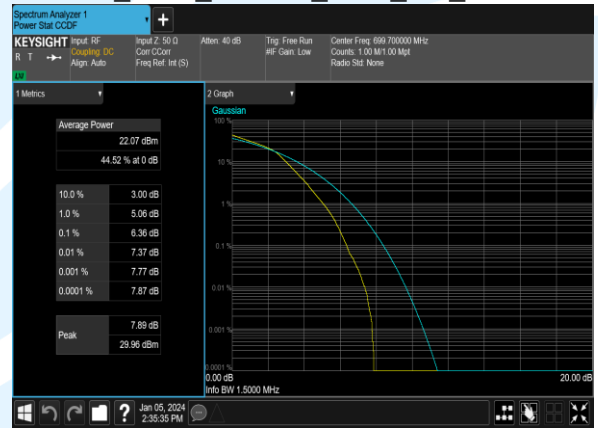
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B12\_1.4M\_QPSK\_6@0\_CH\_23017



B12\_1.4M\_16QAM\_6@0\_CH\_23017



B12\_1.4M\_QPSK\_6@0\_CH\_23095



B12\_1.4M\_16QAM\_6@0\_CH\_23095



B12\_1.4M\_QPSK\_6@0\_CH\_23173



B12\_1.4M\_16QAM\_6@0\_CH\_23173



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**Occupied Bandwidth**

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
12	10.0	23060	704.0	QPSK	50@0	8.9420	9.583
12	10.0	23060	704.0	16QAM	50@0	8.9322	9.555
12	10.0	23095	707.5	QPSK	50@0	8.9357	9.454
12	10.0	23095	707.5	16QAM	50@0	8.9121	9.468
12	10.0	23130	711.0	QPSK	50@0	8.9129	9.457
12	10.0	23130	711.0	16QAM	50@0	8.9191	9.370
12	5.0	23035	701.5	QPSK	25@0	4.4625	4.786
12	5.0	23035	701.5	16QAM	25@0	4.4613	4.815
12	5.0	23095	707.5	QPSK	25@0	4.4675	4.846
12	5.0	23095	707.5	16QAM	25@0	4.4597	4.760
12	5.0	23155	713.5	QPSK	25@0	4.4762	4.800
12	5.0	23155	713.5	16QAM	25@0	4.4696	4.805
12	3.0	23025	700.5	QPSK	15@0	2.6775	2.896
12	3.0	23025	700.5	16QAM	15@0	2.6750	2.888
12	3.0	23095	707.5	QPSK	15@0	2.6702	2.903
12	3.0	23095	707.5	16QAM	15@0	2.6738	2.905
12	3.0	23165	714.5	QPSK	15@0	2.6765	2.886
12	3.0	23165	714.5	16QAM	15@0	2.6697	2.887
12	1.4	23017	699.7	QPSK	6@0	1.0804	1.240
12	1.4	23017	699.7	16QAM	6@0	1.0795	1.228
12	1.4	23095	707.5	QPSK	6@0	1.0753	1.231
12	1.4	23095	707.5	16QAM	6@0	1.0795	1.245
12	1.4	23173	715.3	QPSK	6@0	1.0795	1.256
12	1.4	23173	715.3	16QAM	6@0	1.0762	1.220

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