

## Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	E(I)RP(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	23.4	24.99	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	22.55	24.14	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	23.41	25	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	22.65	24.24	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	23.37	24.96	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	22.56	24.15	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	22.65	24.24	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	21.52	23.11	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	23.43	25.02	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	22.55	24.14	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	23.45	25.04	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	22.61	24.2	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	23.4	24.99	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	22.61	24.2	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	22.67	24.26	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	21.58	23.17	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	23.42	25.01	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	22.61	24.2	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	23.43	25.02	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	22.7	24.29	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	23.37	24.96	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	22.58	24.17	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	22.73	24.32	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	21.73	23.32	PASS
Band25	3MHz	QPSK	26055	1RB#0	23.34	24.93	PASS
Band25	3MHz	16QAM	26055	1RB#0	22.72	24.31	PASS
Band25	3MHz	QPSK	26055	1RB#8	23.36	24.95	PASS
Band25	3MHz	16QAM	26055	1RB#8	22.76	24.35	PASS
Band25	3MHz	QPSK	26055	1RB#14	23.4	24.99	PASS
Band25	3MHz	16QAM	26055	1RB#14	22.69	24.28	PASS
Band25	3MHz	QPSK	26055	15RB#0	22.75	24.34	PASS
Band25	3MHz	16QAM	26055	15RB#0	21.82	23.41	PASS
Band25	3MHz	QPSK	26365	1RB#0	23.44	25.03	PASS
Band25	3MHz	16QAM	26365	1RB#0	22.81	24.4	PASS

Band25	3MHz	QPSK	26365	1RB#8	23.48	25.07	PASS
Band25	3MHz	16QAM	26365	1RB#8	22.81	24.4	PASS
Band25	3MHz	QPSK	26365	1RB#14	23.44	25.03	PASS
Band25	3MHz	16QAM	26365	1RB#14	22.79	24.38	PASS
Band25	3MHz	QPSK	26365	15RB#0	22.85	24.44	PASS
Band25	3MHz	16QAM	26365	15RB#0	21.93	23.52	PASS
Band25	3MHz	QPSK	26675	1RB#0	23.5	25.09	PASS
Band25	3MHz	16QAM	26675	1RB#0	22.68	24.27	PASS
Band25	3MHz	QPSK	26675	1RB#8	23.53	25.12	PASS
Band25	3MHz	16QAM	26675	1RB#8	22.67	24.26	PASS
Band25	3MHz	QPSK	26675	1RB#14	23.52	25.11	PASS
Band25	3MHz	16QAM	26675	1RB#14	22.61	24.2	PASS
Band25	3MHz	QPSK	26675	15RB#0	22.81	24.4	PASS
Band25	3MHz	16QAM	26675	15RB#0	21.74	23.33	PASS
Band25	5MHz	QPSK	26065	1RB#0	23.46	25.05	PASS
Band25	5MHz	16QAM	26065	1RB#0	22.7	24.29	PASS
Band25	5MHz	QPSK	26065	1RB#12	23.56	25.15	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.77	24.36	PASS
Band25	5MHz	QPSK	26065	1RB#24	23.52	25.11	PASS
Band25	5MHz	16QAM	26065	1RB#24	22.76	24.35	PASS
Band25	5MHz	QPSK	26065	25RB#0	22.76	24.35	PASS
Band25	5MHz	16QAM	26065	25RB#0	21.85	23.44	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.57	25.16	PASS
Band25	5MHz	16QAM	26365	1RB#0	22.82	24.41	PASS
Band25	5MHz	QPSK	26365	1RB#12	23.62	25.21	PASS
Band25	5MHz	16QAM	26365	1RB#12	22.88	24.47	PASS
Band25	5MHz	QPSK	26365	1RB#24	23.57	25.16	PASS
Band25	5MHz	16QAM	26365	1RB#24	22.79	24.38	PASS
Band25	5MHz	QPSK	26365	25RB#0	22.86	24.45	PASS
Band25	5MHz	16QAM	26365	25RB#0	21.94	23.53	PASS
Band25	5MHz	QPSK	26665	1RB#0	23.49	25.08	PASS
Band25	5MHz	16QAM	26665	1RB#0	22.81	24.4	PASS
Band25	5MHz	QPSK	26665	1RB#12	23.59	25.18	PASS
Band25	5MHz	16QAM	26665	1RB#12	22.97	24.56	PASS
Band25	5MHz	QPSK	26665	1RB#24	23.46	25.05	PASS
Band25	5MHz	16QAM	26665	1RB#24	22.79	24.38	PASS
Band25	5MHz	QPSK	26665	25RB#0	22.81	24.4	PASS
Band25	5MHz	16QAM	26665	25RB#0	21.85	23.44	PASS
Band25	10MHz	QPSK	26090	1RB#0	23.4	24.99	PASS
Band25	10MHz	16QAM	26090	1RB#0	22.71	24.3	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.39	24.98	PASS

Band25	10MHz	16QAM	26090	1RB#24	22.79	24.38	PASS
Band25	10MHz	QPSK	26090	1RB#49	23.44	25.03	PASS
Band25	10MHz	16QAM	26090	1RB#49	22.74	24.33	PASS
Band25	10MHz	QPSK	26090	50RB#0	22.81	24.4	PASS
Band25	10MHz	16QAM	26090	50RB#0	21.86	23.45	PASS
Band25	10MHz	QPSK	26365	1RB#0	23.48	25.07	PASS
Band25	10MHz	16QAM	26365	1RB#0	22.81	24.4	PASS
Band25	10MHz	QPSK	26365	1RB#24	23.49	25.08	PASS
Band25	10MHz	16QAM	26365	1RB#24	22.86	24.45	PASS
Band25	10MHz	QPSK	26365	1RB#49	23.51	25.1	PASS
Band25	10MHz	16QAM	26365	1RB#49	22.85	24.44	PASS
Band25	10MHz	QPSK	26365	50RB#0	22.87	24.46	PASS
Band25	10MHz	16QAM	26365	50RB#0	21.94	23.53	PASS
Band25	10MHz	QPSK	26640	1RB#0	23.49	25.08	PASS
Band25	10MHz	16QAM	26640	1RB#0	22.64	24.23	PASS
Band25	10MHz	QPSK	26640	1RB#24	23.49	25.08	PASS
Band25	10MHz	16QAM	26640	1RB#24	22.61	24.2	PASS
Band25	10MHz	QPSK	26640	1RB#49	23.49	25.08	PASS
Band25	10MHz	16QAM	26640	1RB#49	22.59	24.18	PASS
Band25	10MHz	QPSK	26640	50RB#0	22.81	24.4	PASS
Band25	10MHz	16QAM	26640	50RB#0	21.88	23.47	PASS
Band25	15MHz	QPSK	26115	1RB#0	23.36	24.95	PASS
Band25	15MHz	16QAM	26115	1RB#0	22.76	24.35	PASS
Band25	15MHz	QPSK	26115	1RB#38	23.43	25.02	PASS
Band25	15MHz	16QAM	26115	1RB#38	22.8	24.39	PASS
Band25	15MHz	QPSK	26115	1RB#74	23.41	25	PASS
Band25	15MHz	16QAM	26115	1RB#74	22.76	24.35	PASS
Band25	15MHz	QPSK	26115	75RB#0	22.83	24.42	PASS
Band25	15MHz	16QAM	26115	75RB#0	21.79	23.38	PASS
Band25	15MHz	QPSK	26365	1RB#0	23.57	25.16	PASS
Band25	15MHz	16QAM	26365	1RB#0	22.88	24.47	PASS
Band25	15MHz	QPSK	26365	1RB#38	23.51	25.1	PASS
Band25	15MHz	16QAM	26365	1RB#38	22.85	24.44	PASS
Band25	15MHz	QPSK	26365	1RB#74	23.51	25.1	PASS
Band25	15MHz	16QAM	26365	1RB#74	22.87	24.46	PASS
Band25	15MHz	QPSK	26365	75RB#0	22.92	24.51	PASS
Band25	15MHz	16QAM	26365	75RB#0	21.88	23.47	PASS
Band25	15MHz	QPSK	26615	1RB#0	23.34	24.93	PASS
Band25	15MHz	16QAM	26615	1RB#0	22.81	24.4	PASS
Band25	15MHz	QPSK	26615	1RB#38	23.4	24.99	PASS
Band25	15MHz	16QAM	26615	1RB#38	22.88	24.47	PASS

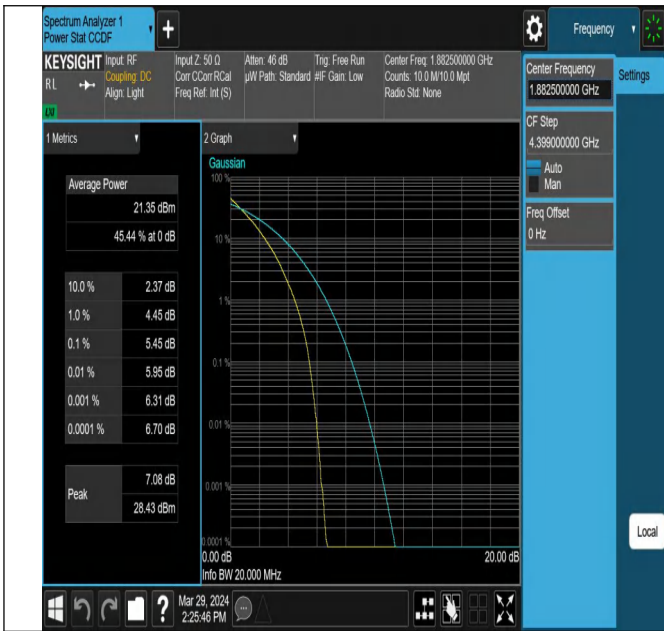
Band25	15MHz	QPSK	26615	1RB#74	23.37	24.96	PASS
Band25	15MHz	16QAM	26615	1RB#74	22.82	24.41	PASS
Band25	15MHz	QPSK	26615	75RB#0	22.78	24.37	PASS
Band25	15MHz	16QAM	26615	75RB#0	21.83	23.42	PASS
Band25	20MHz	QPSK	26140	1RB#0	23.48	25.07	PASS
Band25	20MHz	16QAM	26140	1RB#0	22.7	24.29	PASS
Band25	20MHz	QPSK	26140	1RB#49	23.49	25.08	PASS
Band25	20MHz	16QAM	26140	1RB#49	22.78	24.37	PASS
Band25	20MHz	QPSK	26140	1RB#99	23.37	24.96	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.67	24.26	PASS
Band25	20MHz	QPSK	26140	100RB#0	22.69	24.28	PASS
Band25	20MHz	16QAM	26140	100RB#0	21.74	23.33	PASS
Band25	20MHz	QPSK	26365	1RB#0	23.59	25.18	PASS
Band25	20MHz	16QAM	26365	1RB#0	22.78	24.37	PASS
Band25	20MHz	QPSK	26365	1RB#49	23.53	25.12	PASS
Band25	20MHz	16QAM	26365	1RB#49	22.78	24.37	PASS
Band25	20MHz	QPSK	26365	1RB#99	23.5	25.09	PASS
Band25	20MHz	16QAM	26365	1RB#99	22.75	24.34	PASS
Band25	20MHz	QPSK	26365	100RB#0	22.89	24.48	PASS
Band25	20MHz	16QAM	26365	100RB#0	21.91	23.5	PASS
Band25	20MHz	QPSK	26590	1RB#0	23.46	25.05	PASS
Band25	20MHz	16QAM	26590	1RB#0	22.91	24.5	PASS
Band25	20MHz	QPSK	26590	1RB#49	23.41	25	PASS
Band25	20MHz	16QAM	26590	1RB#49	22.93	24.52	PASS
Band25	20MHz	QPSK	26590	1RB#99	23.51	25.1	PASS
Band25	20MHz	16QAM	26590	1RB#99	22.91	24.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	22.91	24.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	21.97	23.56	PASS

## Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	20MHz	QPSK	26365	100RB#0	5.45	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.35	13	PASS

Test Graphs



Band25-20MHz-QPSK-26365-100RB#0-PASS



Band25-20MHz-16QAM-26365-100RB#0-PASS

## 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26365	6RB#0	1.0933	1.233	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0934	1.241	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.7062	2.976	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6927	2.982	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5125	5.004	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.5072	4.958	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9789	9.886	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9736	9.812	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.461	14.84	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.433	14.69	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.899	19.41	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.953	19.43	PASS

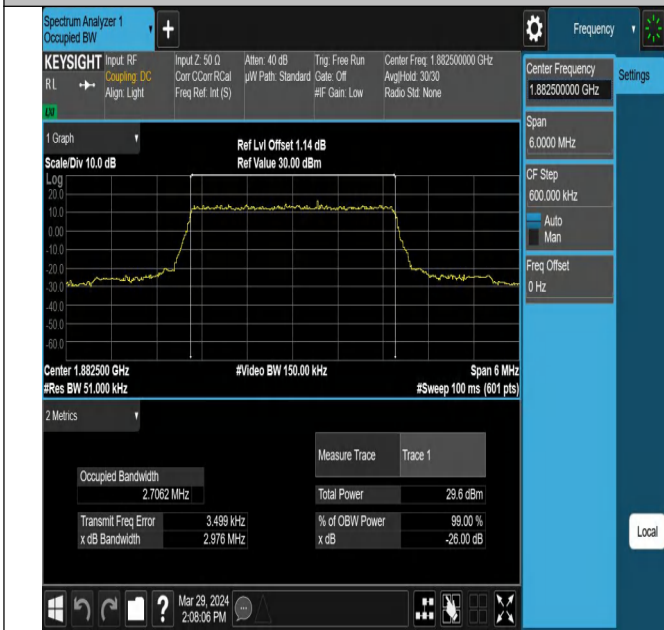
Test Graphs



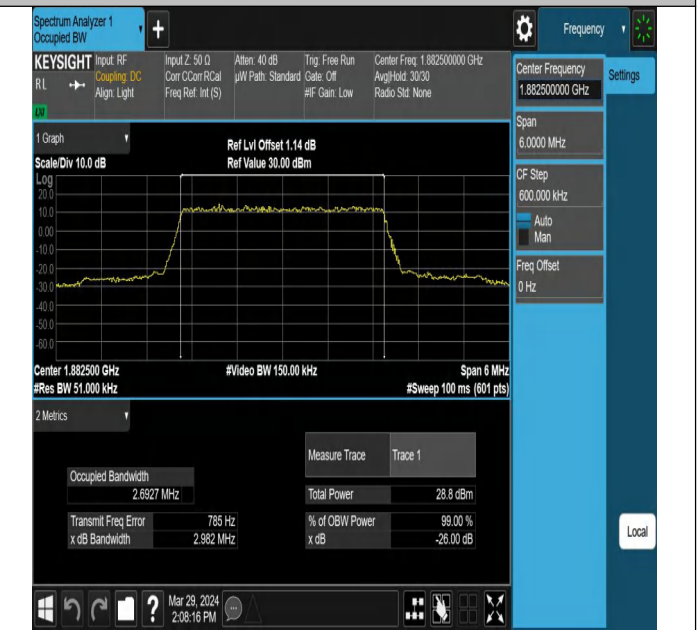
Band25-1.4MHz-QPSK-26365-6RB#0-PASS



Band25-1.4MHz-16QAM-26365-6RB#0-PASS

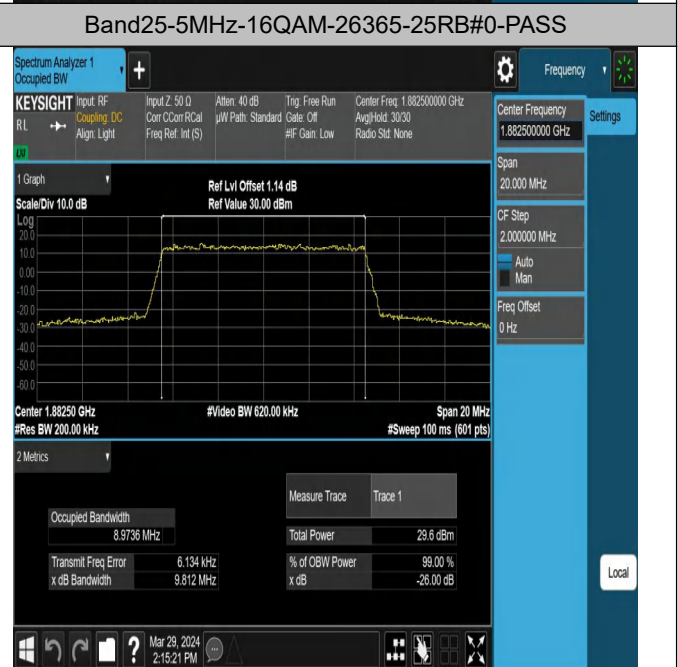
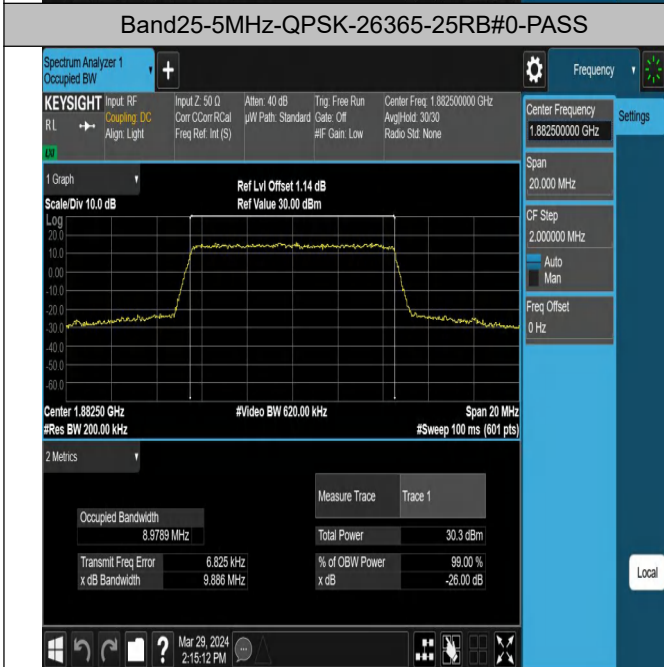


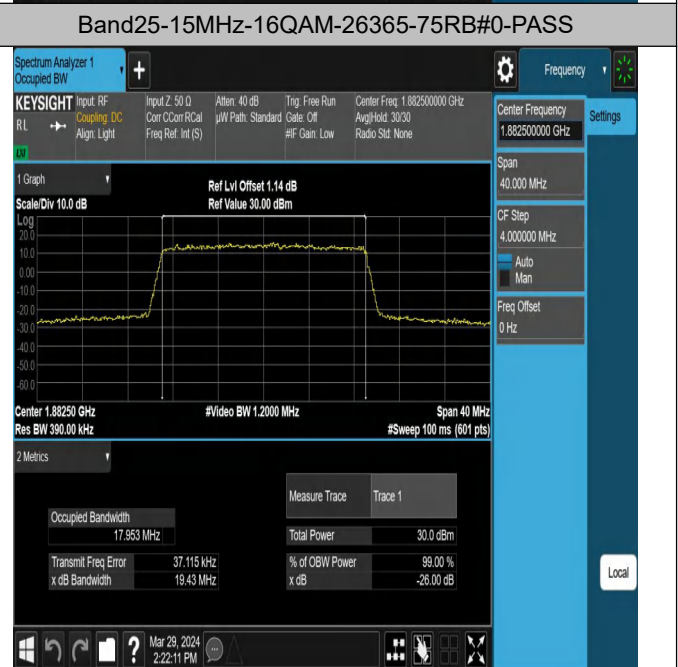
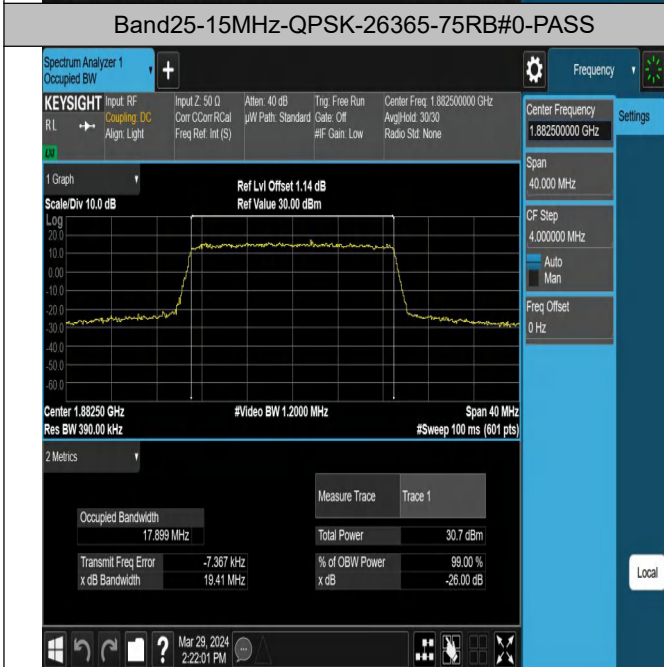
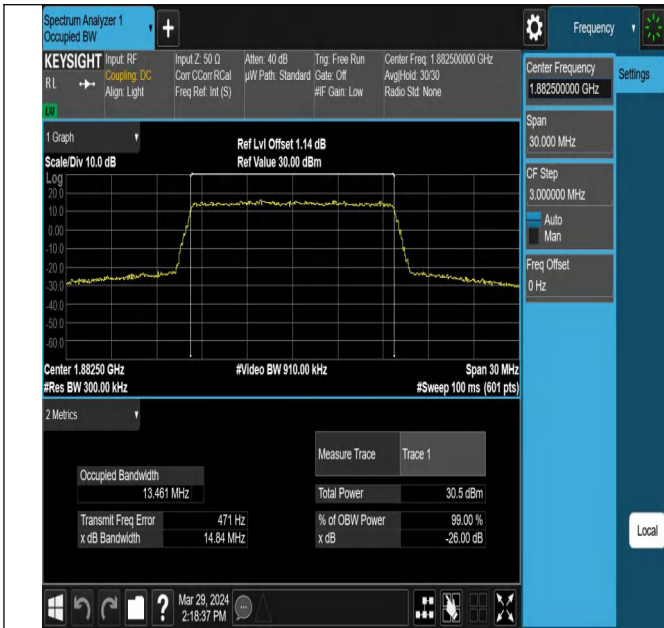
Band25-3MHz-QPSK-26365-15RB#0-PASS



Band25-3MHz-16QAM-26365-15RB#0-PASS







# Band Edge

## Test Graphs



Band25\_1.4MHz\_QPSK\_26047\_1RB#0



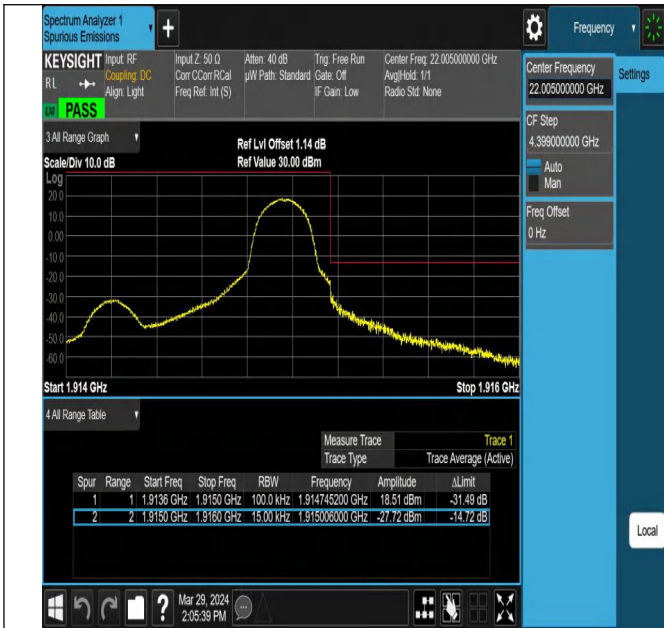
Band25\_1.4MHz\_QPSK\_26047\_1RB#5



Band25\_1.4MHz\_QPSK\_26047\_6RB#0



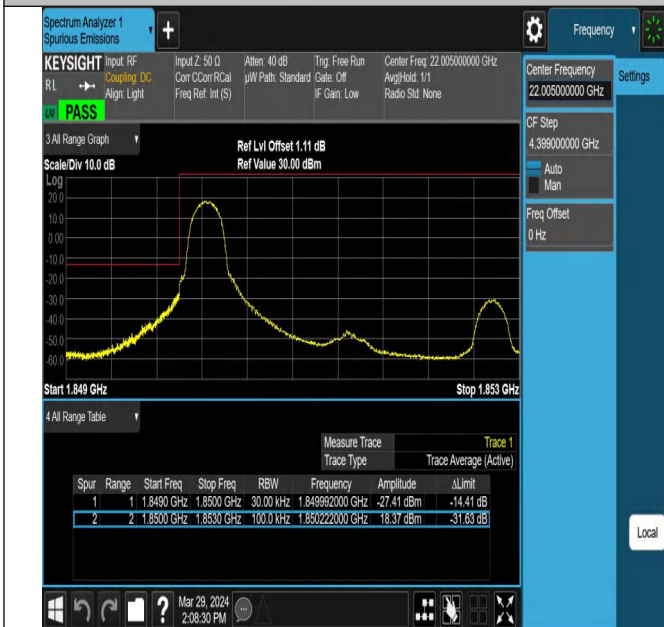
Band25\_1.4MHz\_QPSK\_26683\_1RB#0



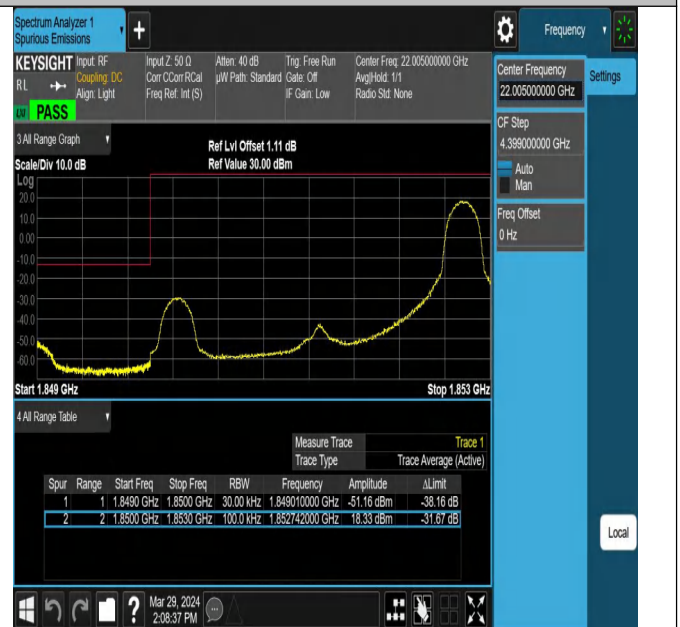
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Band25\_1.4MHz\_QPSK\_26683\_6RB#0

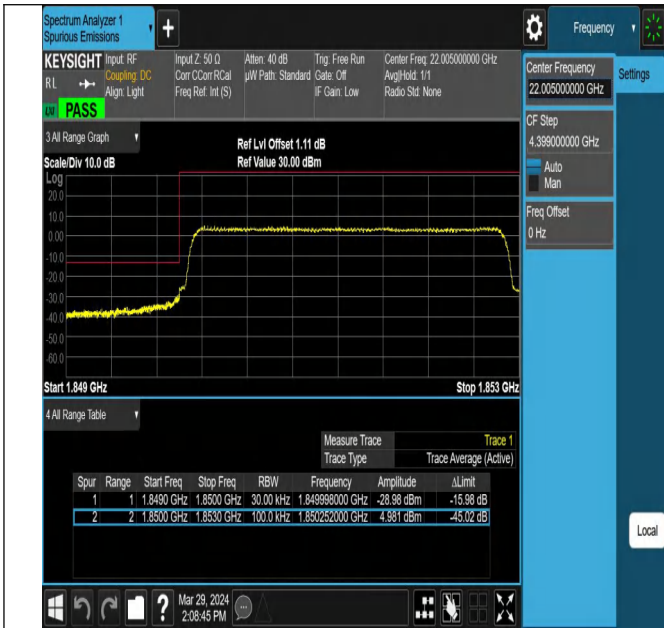


Band25\_3MHz\_QPSK\_26055\_1RB#0



Band25\_3MHz\_QPSK\_26055\_1RB#14

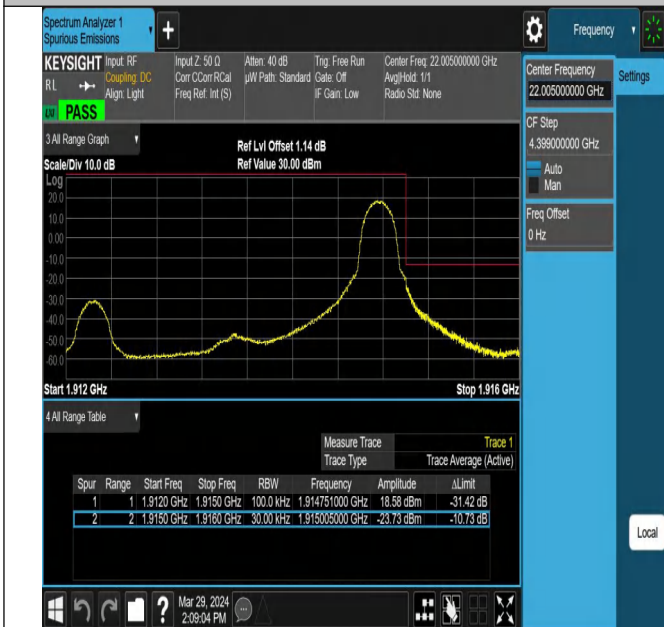




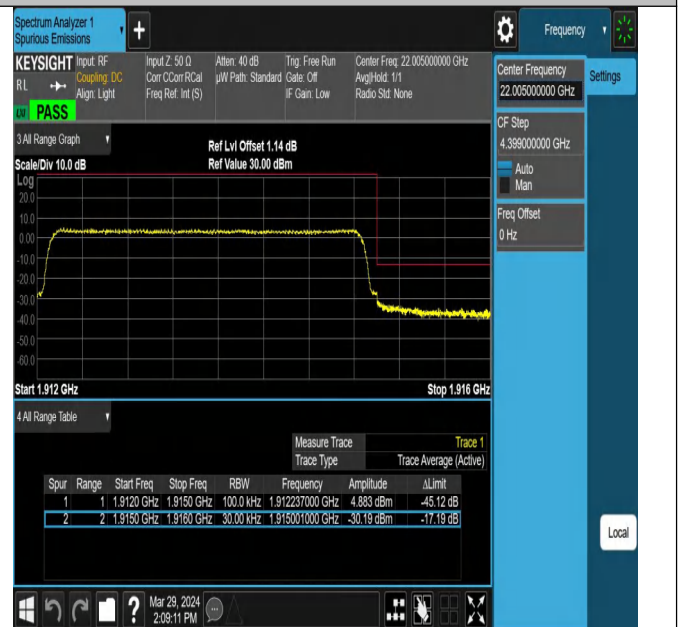
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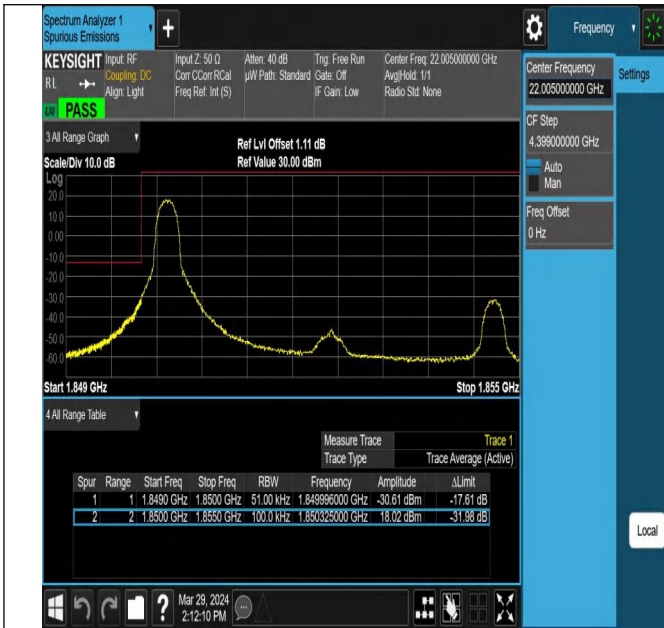
Band25\_3MHz\_QPSK\_26675\_1RB#0



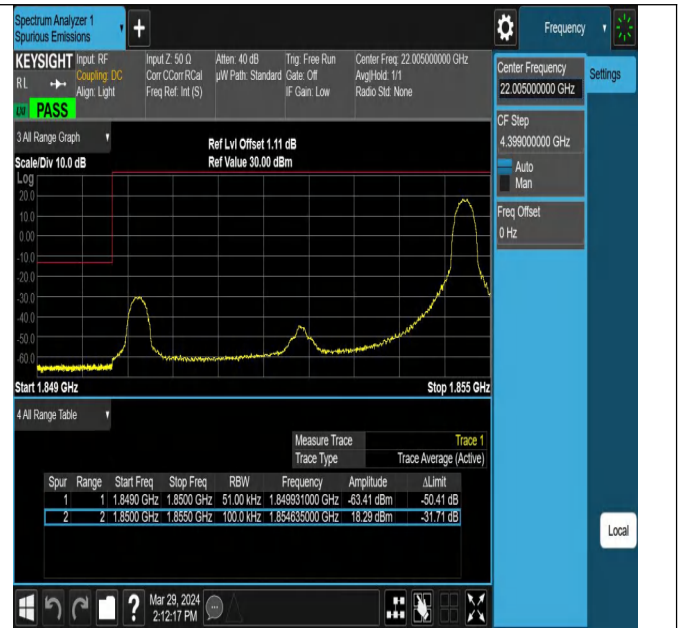
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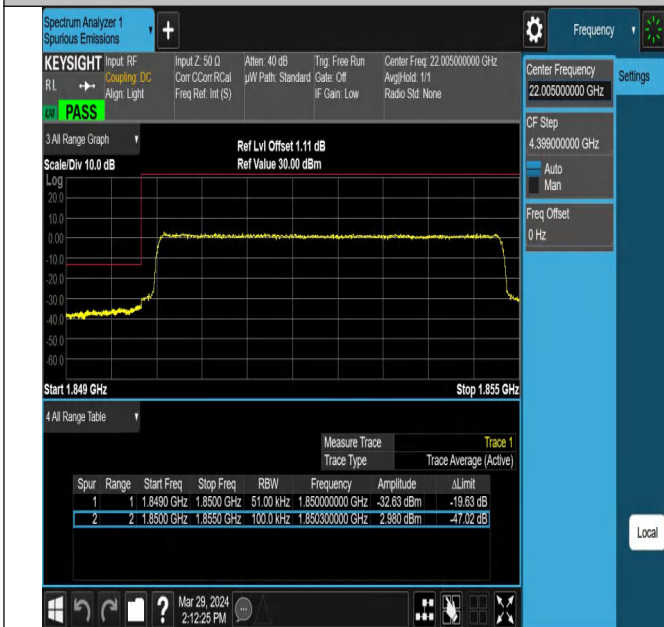
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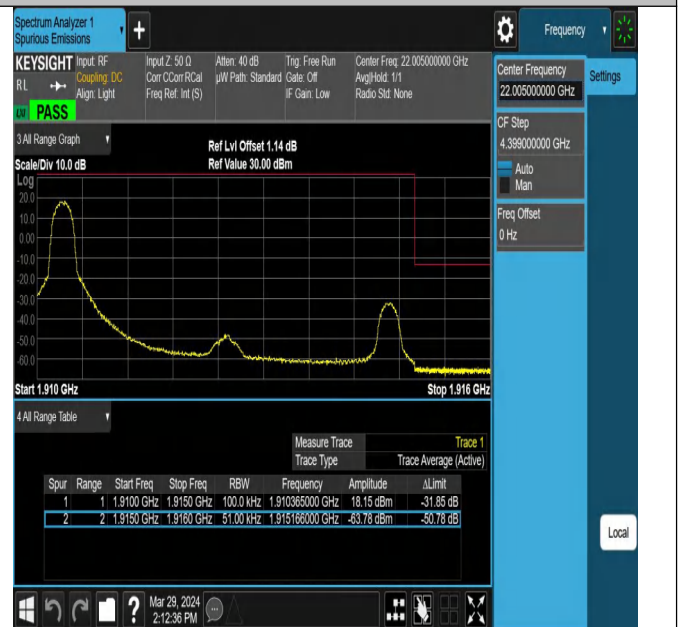
Band25\_5MHz\_QPSK\_26065\_1RB#0



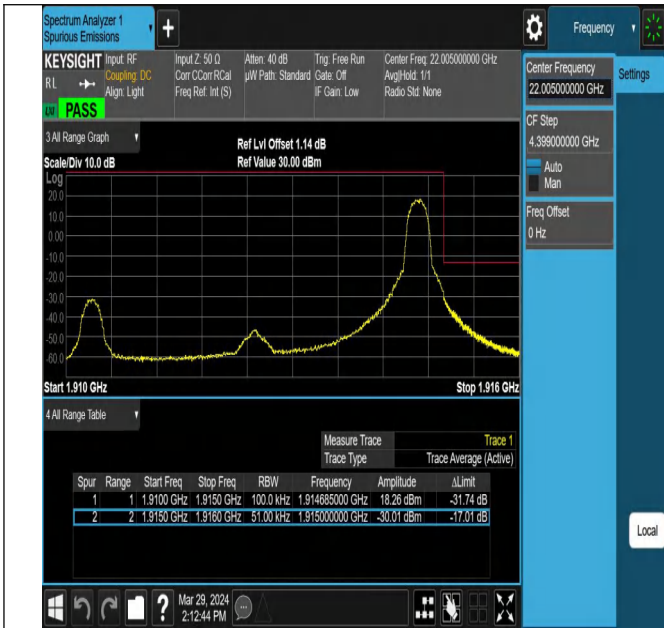
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Band25\_5MHz\_QPSK\_26065\_25RB#0



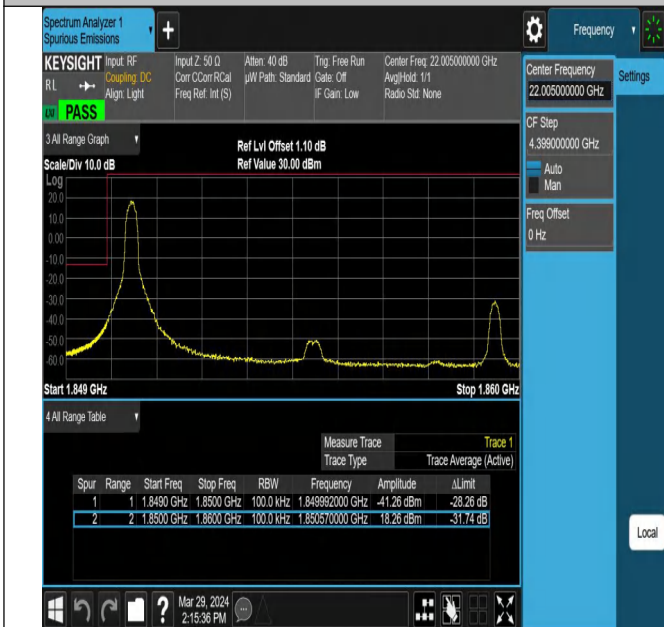
Band25\_5MHz\_QPSK\_26665\_1RB#0



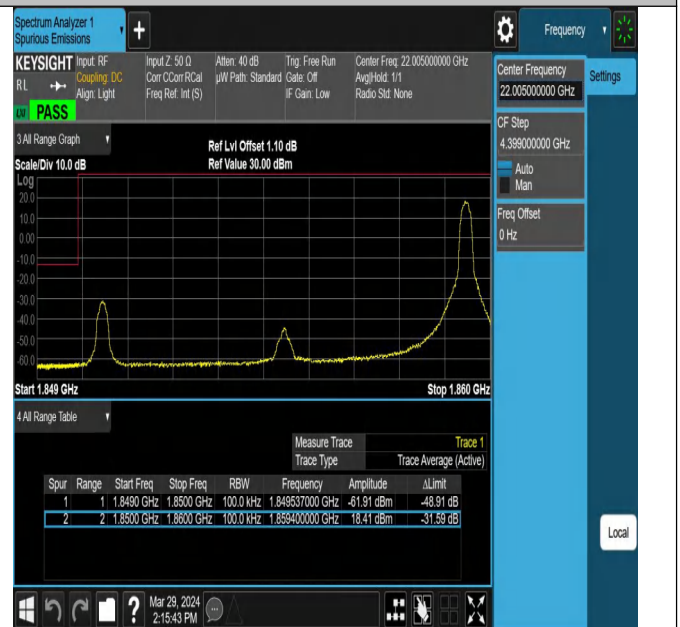
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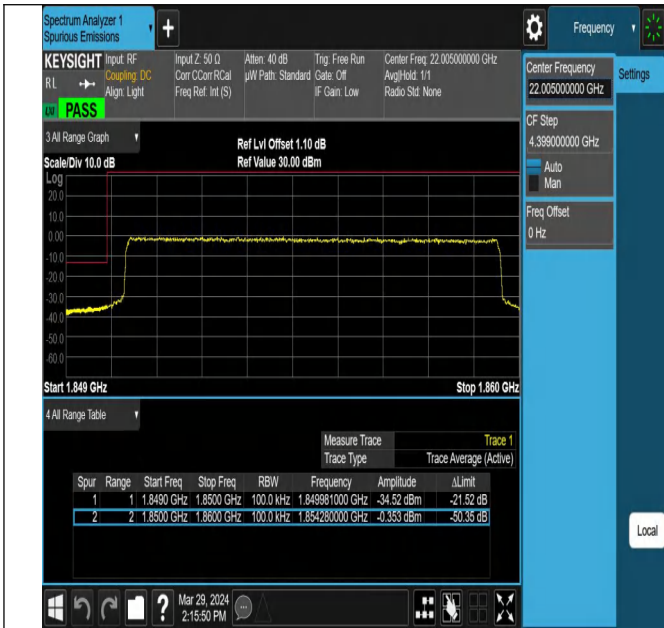
Band25\_5MHz\_QPSK\_26665\_25RB#0



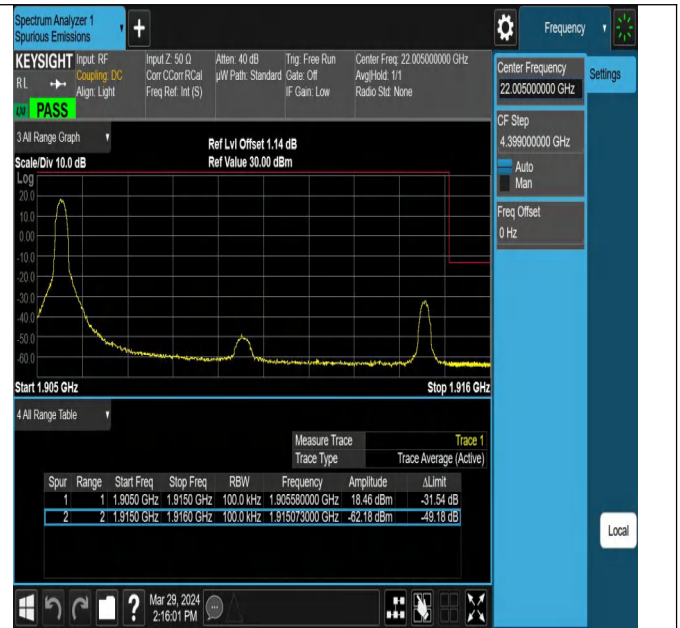
Band25\_10MHz\_QPSK\_26090\_1RB#0



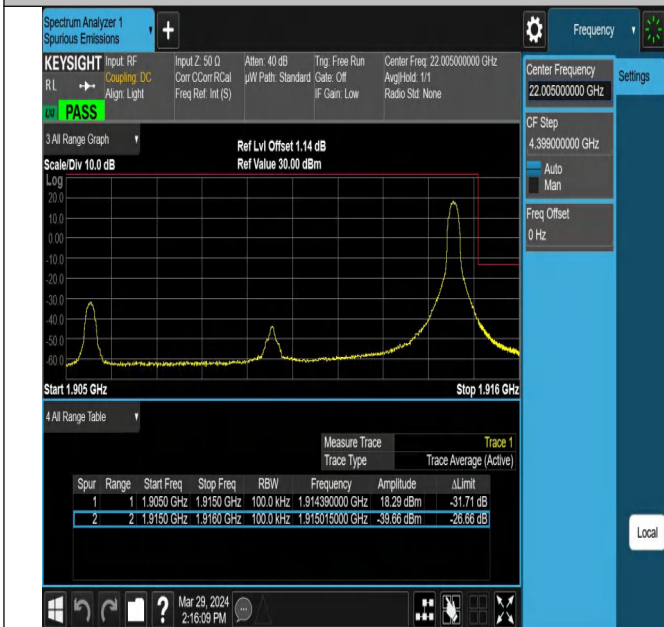
Band25\_10MHz\_QPSK\_26090\_1RB#49



Band25\_10MHz\_QPSK\_26090\_50RB#0



Band25\_10MHz\_QPSK\_26640\_1RB#0

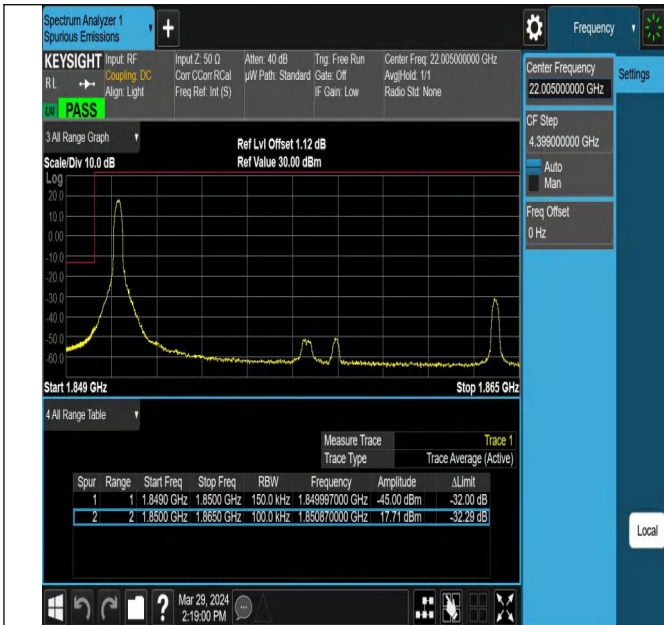


Band25\_10MHz\_QPSK\_26640\_1RB#49

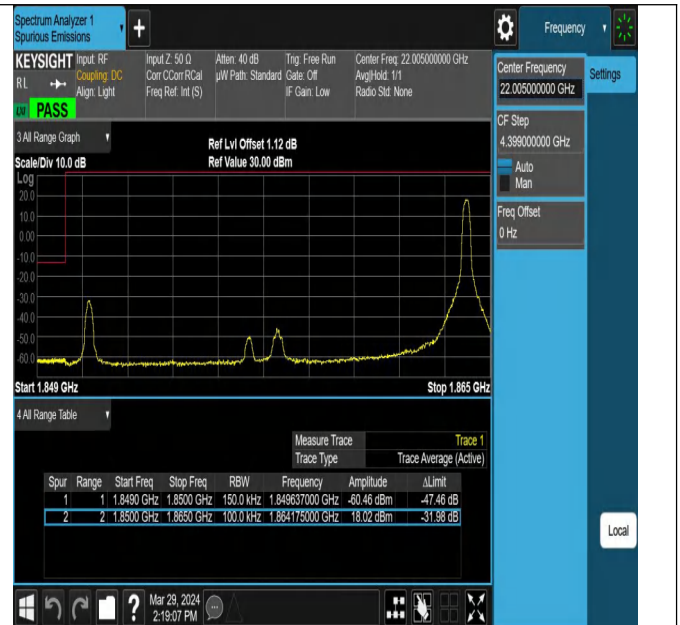


Band25\_10MHz\_QPSK\_26640\_50RB#0

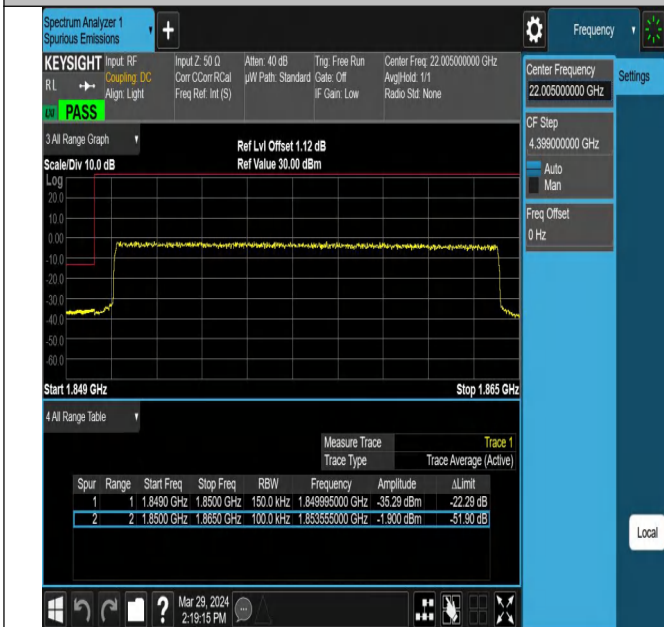




Band25\_15MHz\_QPSK\_26115\_1RB#0



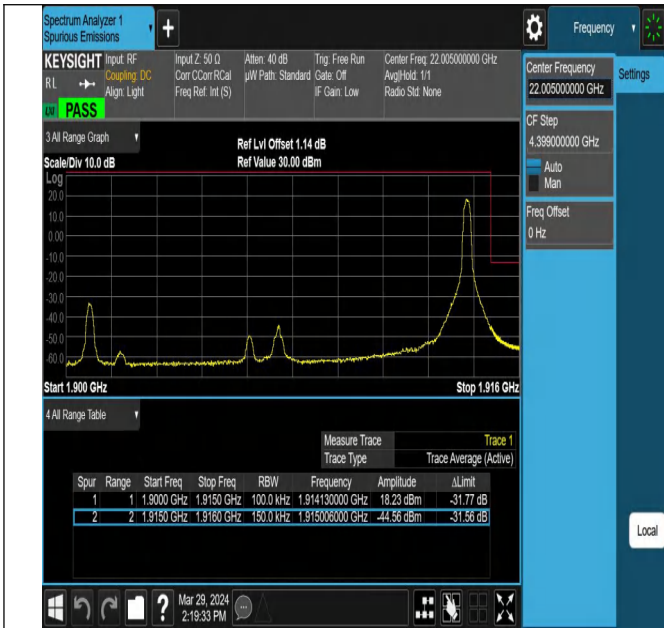
Band25\_15MHz\_QPSK\_26115\_1RB#74



Band25\_15MHz\_QPSK\_26115\_75RB#0



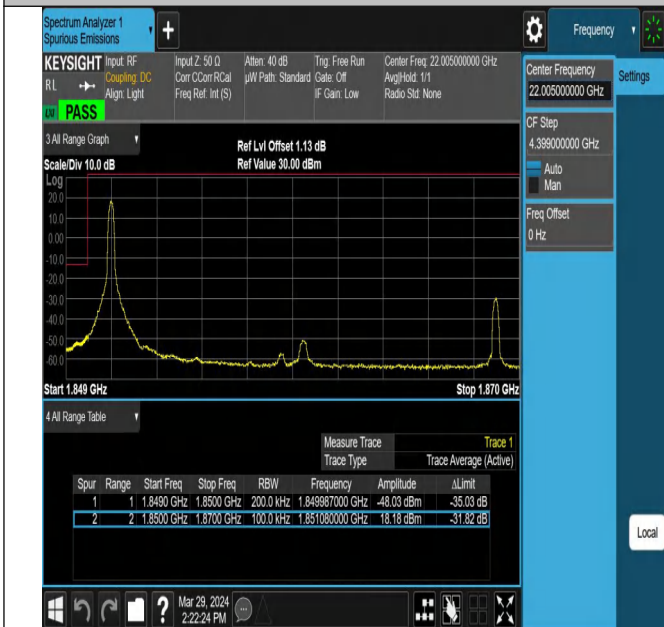
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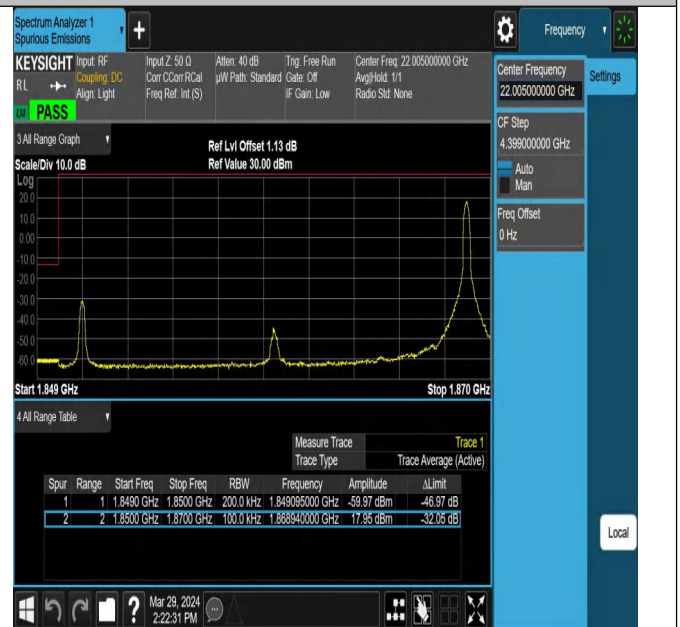
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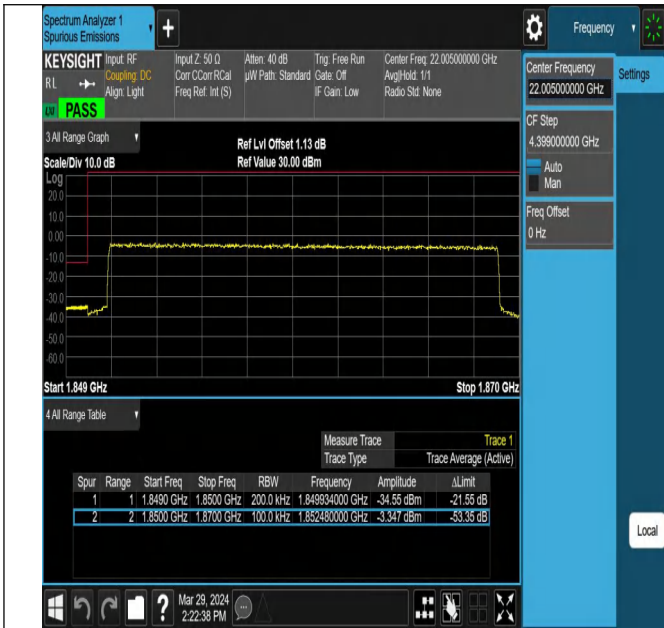
Band25\_15MHz\_QPSK\_26615\_75RB#0



Band25\_20MHz\_QPSK\_26140\_1RB#0



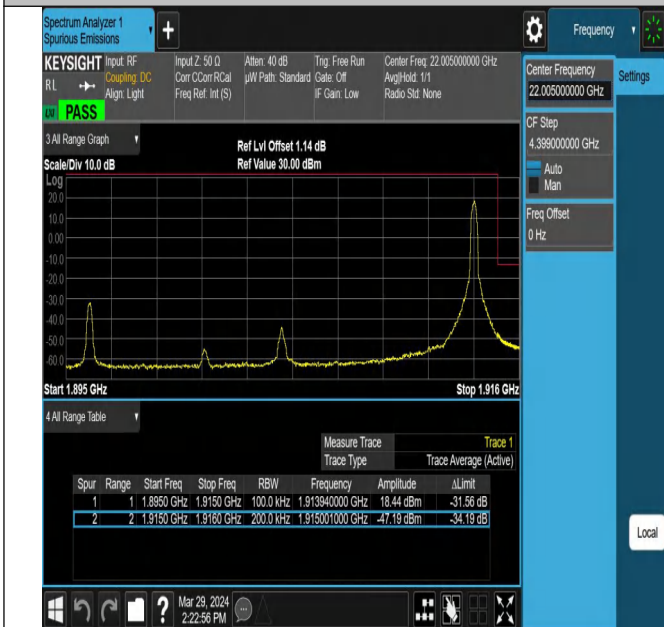
Band25\_20MHz\_QPSK\_26140\_1RB#99



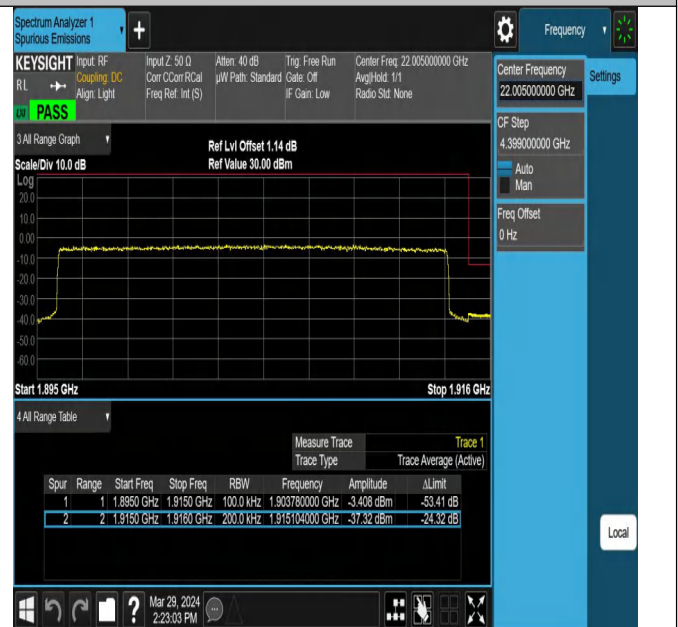
Band25\_20MHz\_QPSK\_26140\_100RB#0



Band25\_20MHz\_QPSK\_26590\_1RB#0



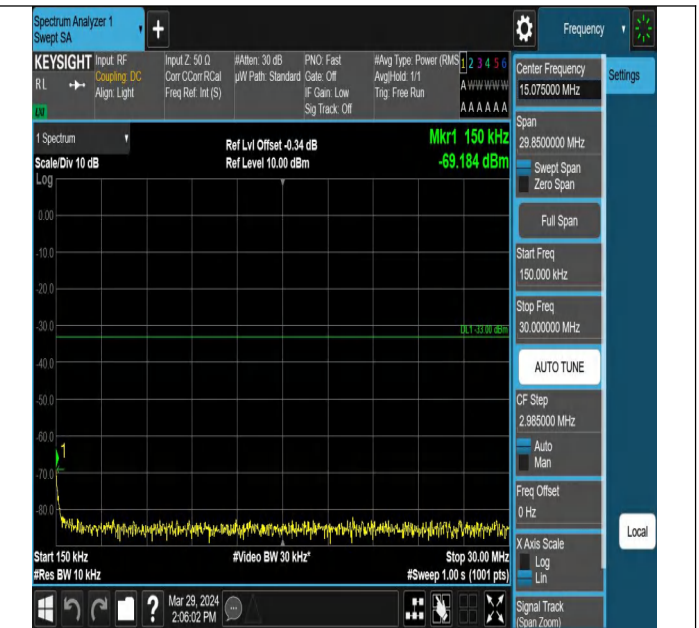
Band25\_20MHz\_QPSK\_26590\_1RB#99



Band25\_20MHz\_QPSK\_26590\_100RB#0

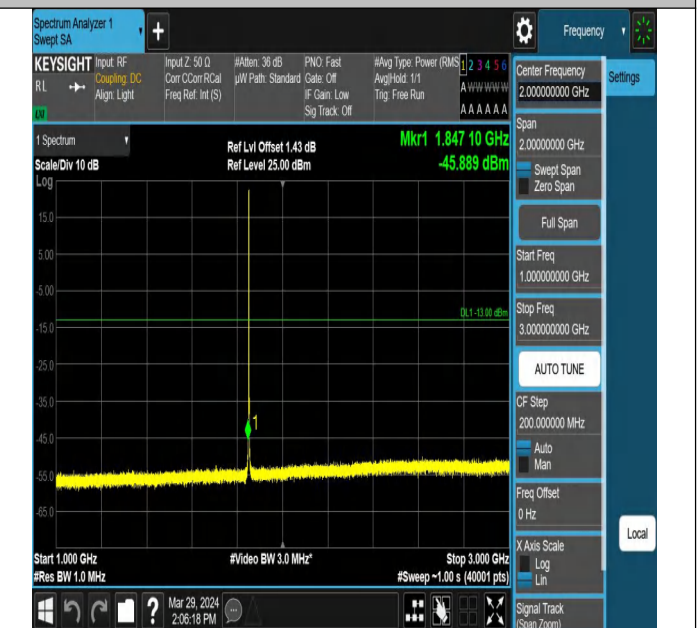
# Conducted Spurious Emission

## Test Graphs



Band25\_1.4MHz\_QPSK\_26047\_1RB#0\_0.009~0.15\_0.009~0.15  
15

Band25\_1.4MHz\_QPSK\_26047\_1RB#0\_0.15~30\_0.15~30



Band25\_1.4MHz\_QPSK\_26047\_1RB#0\_30~1000\_30~1000

Band25\_1.4MHz\_QPSK\_26047\_1RB#0\_1000~3000\_1000~3000  
00





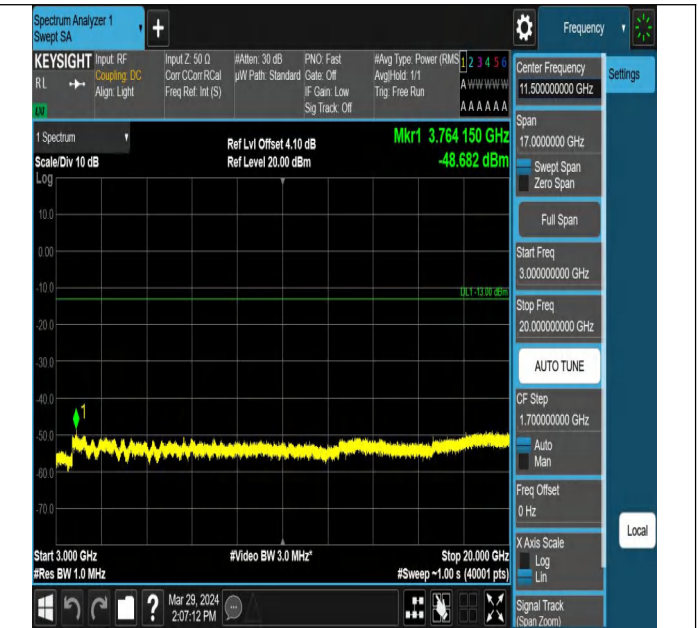
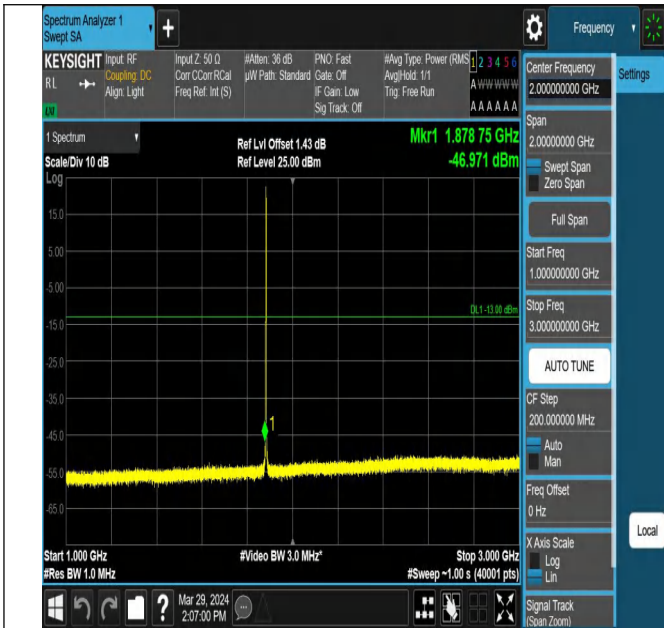
Band25\_1.4MHz\_QPSK\_26047\_1RB#0\_3000~20000\_3000~20000

Band25\_1.4MHz\_QPSK\_26365\_1RB#0\_0.009~0.15\_0.009~0.15



Band25\_1.4MHz\_QPSK\_26365\_1RB#0\_0.15~30\_0.15~30

Band25\_1.4MHz\_QPSK\_26365\_1RB#0\_30~1000\_30~1000

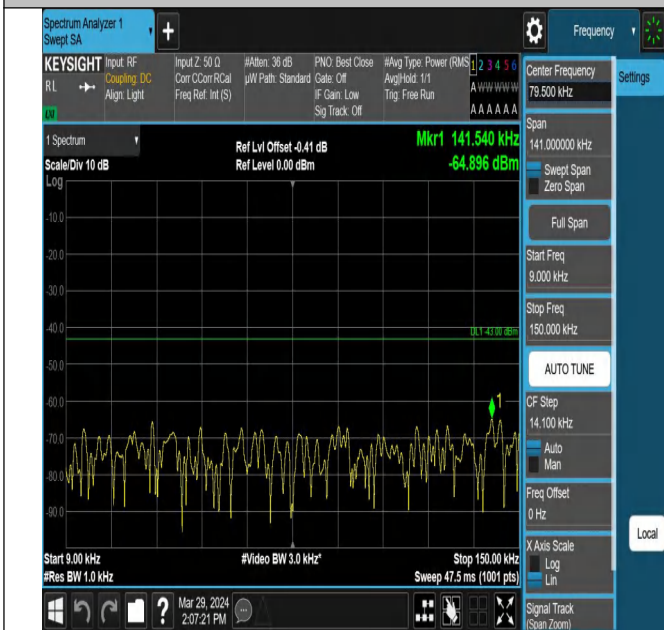


Band25\_1.4MHz\_QPSK\_26365\_1RB#0\_1000~3000\_1000~30

Band25\_1.4MHz\_QPSK\_26365\_1RB#0\_3000~20000\_3000~2

00

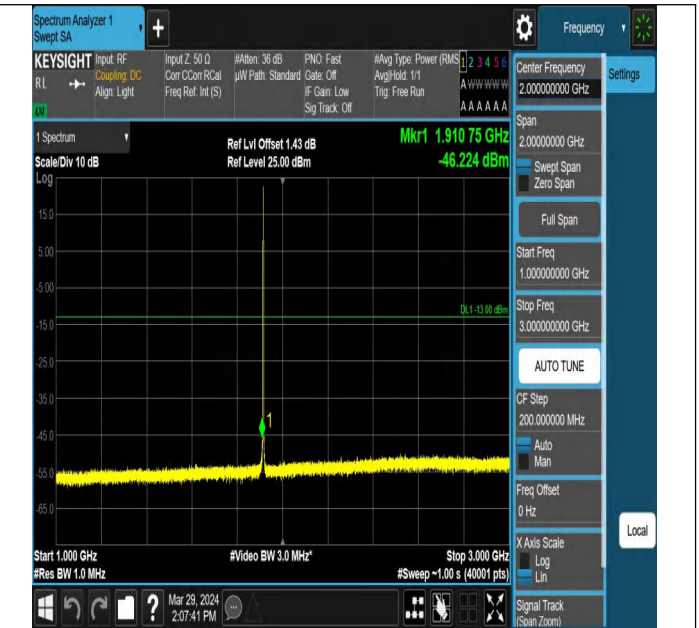
0000



Band25\_1.4MHz\_QPSK\_26683\_1RB#0\_0.009~0.15\_0.009~0.

Band25\_1.4MHz\_QPSK\_26683\_1RB#0\_0.15~30\_0.15~30

15



Band25\_1.4MHz\_QPSK\_26683\_1RB#0\_30~1000\_30~1000

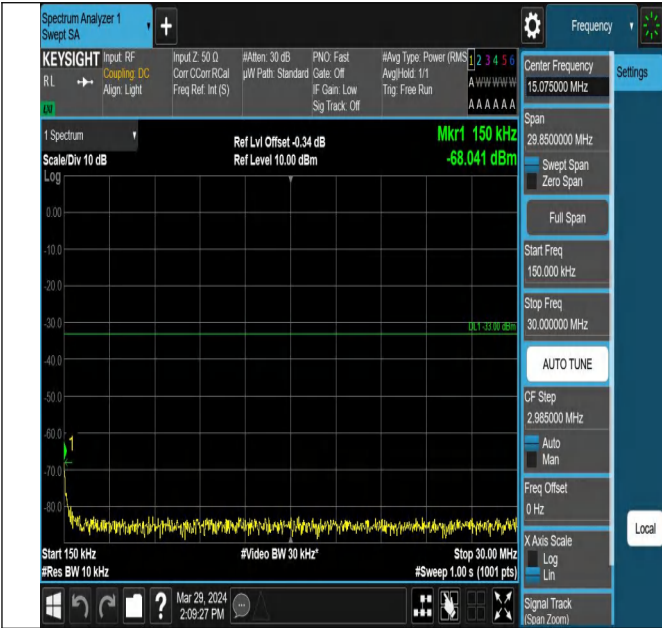
Band25\_1.4MHz\_QPSK\_26683\_1RB#0\_1000~3000\_1000~3000



Band25\_1.4MHz\_QPSK\_26683\_1RB#0\_3000~20000\_3000~20000

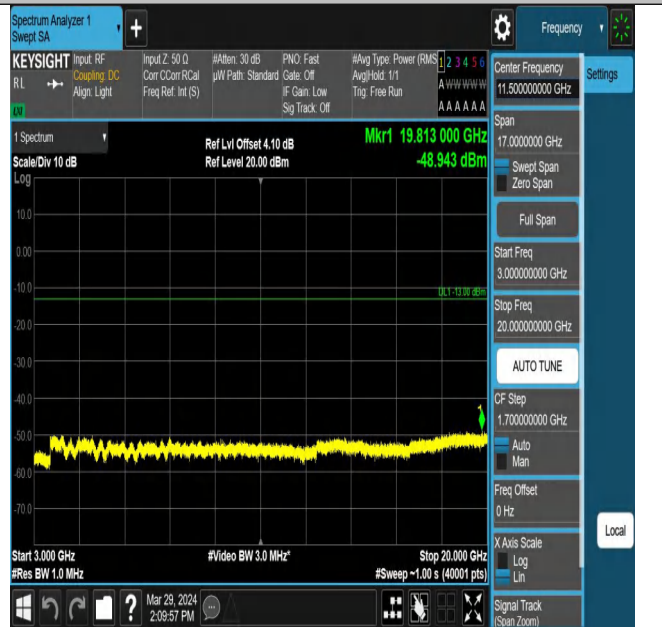
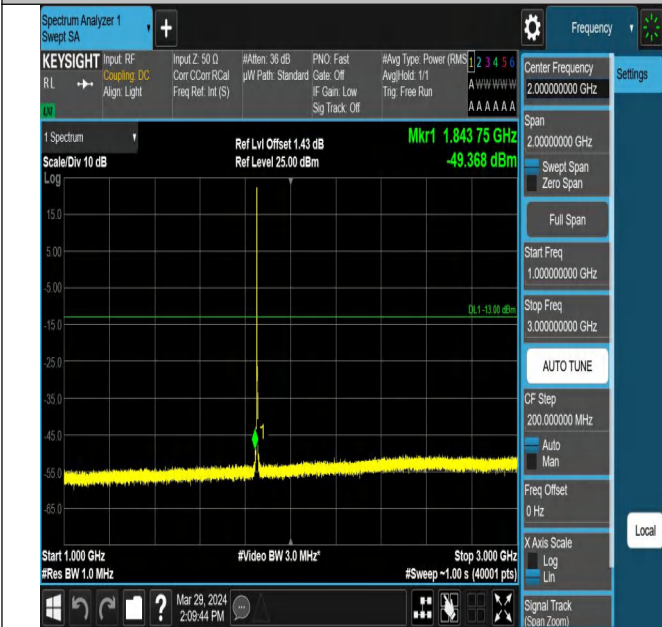
Band25\_3MHz\_QPSK\_26055\_1RB#0\_0.009~0.15\_0.009~0.1





Band25\_3MHz\_QPSK\_26055\_1RB#0\_0.15~30\_0.15~30

Band25\_3MHz\_QPSK\_26055\_1RB#0\_30~1000\_30~1000



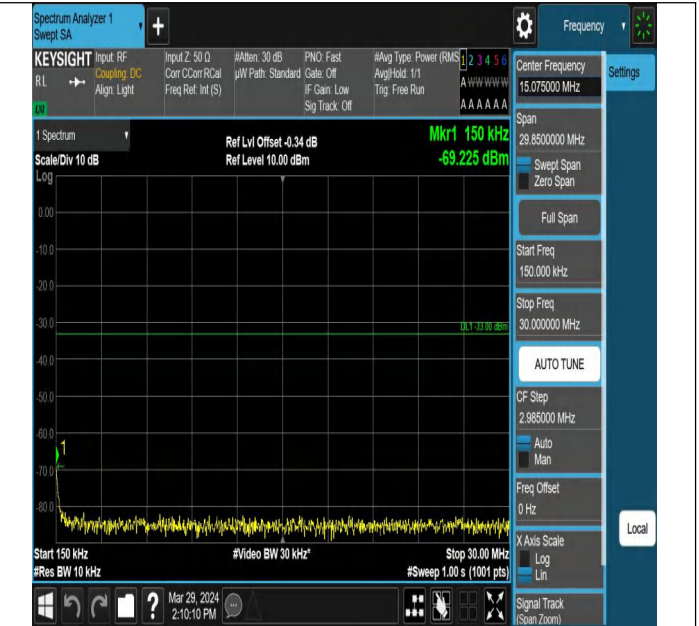
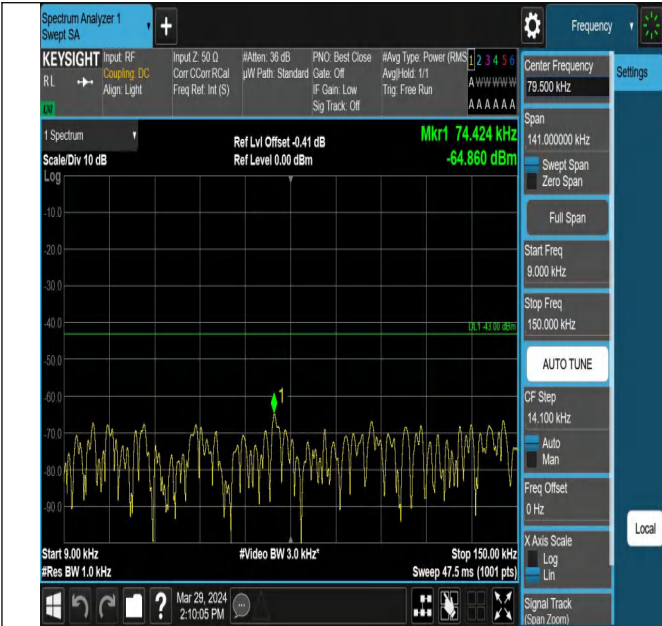
Band25\_3MHz\_QPSK\_26055\_1RB#0\_1000~3000\_1000~300

Band25\_3MHz\_QPSK\_26055\_1RB#0\_3000~20000\_3000~20

0

000

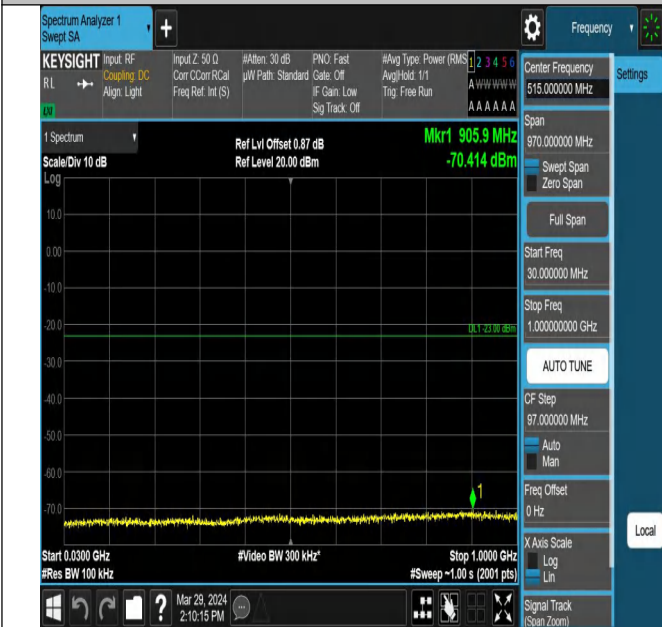




Band25\_3MHz\_QPSK\_26365\_1RB#0\_0.009~0.15\_0.009~0.1

Band25\_3MHz\_QPSK\_26365\_1RB#0\_0.15~30\_0.15~30

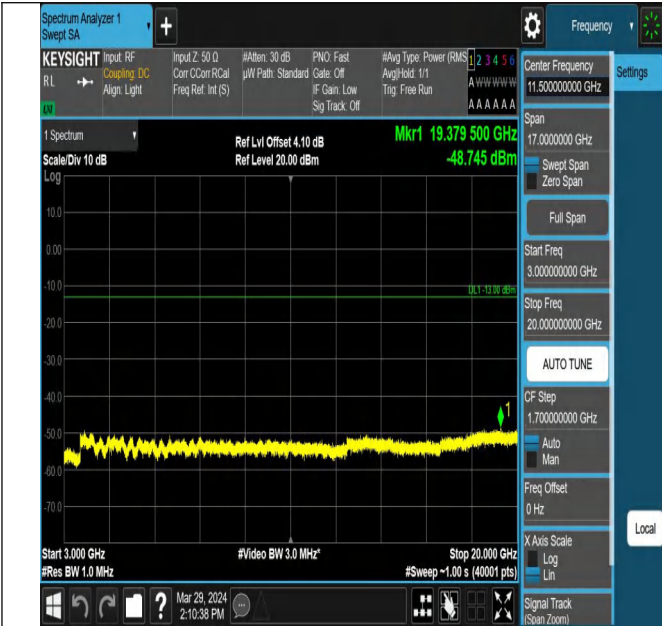
5



Band25\_3MHz\_QPSK\_26365\_1RB#0\_30~1000\_30~1000

Band25\_3MHz\_QPSK\_26365\_1RB#0\_1000~3000\_1000~300

0

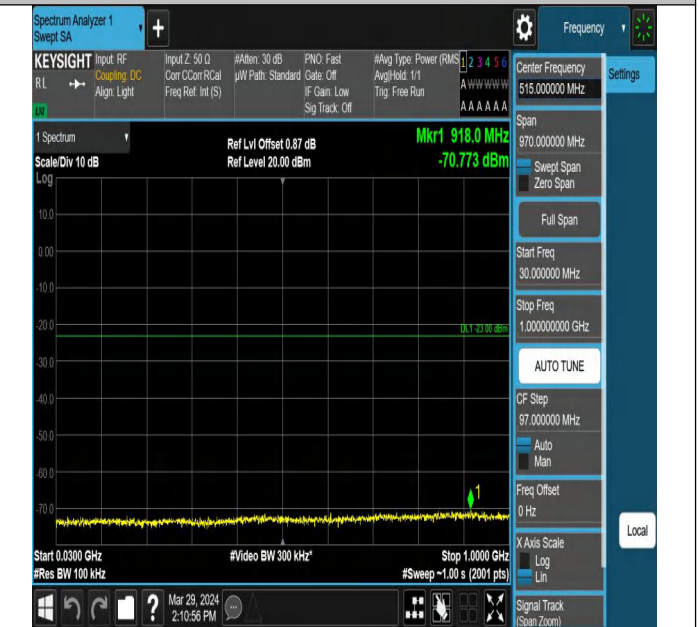
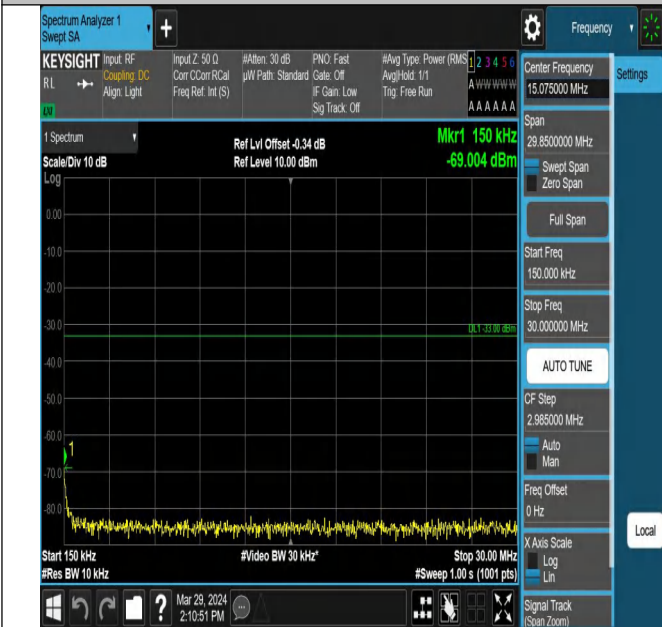


Band25\_3MHz\_QPSK\_26365\_1RB#0\_3000~20000\_3000~20

Band25\_3MHz\_QPSK\_26675\_1RB#0\_0.009~0.15\_0.009~0.1

000

5



Band25\_3MHz\_QPSK\_26675\_1RB#0\_0.15~30\_0.15~30

Band25\_3MHz\_QPSK\_26675\_1RB#0\_30~1000\_30~1000