

Appendix A

Test Information:

Sample No.:	2TGQ-2	Test Date:	2024/11/03~2024/11/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Usain Ou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	24.5-26.5	Relative Humidity: (%)	48-52	ATM Pressure: (kPa)	101
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Tester: Usain Ou

Reviewer: Jim Cheng

## Out of band emission,Band Edge

### FCC For 90S

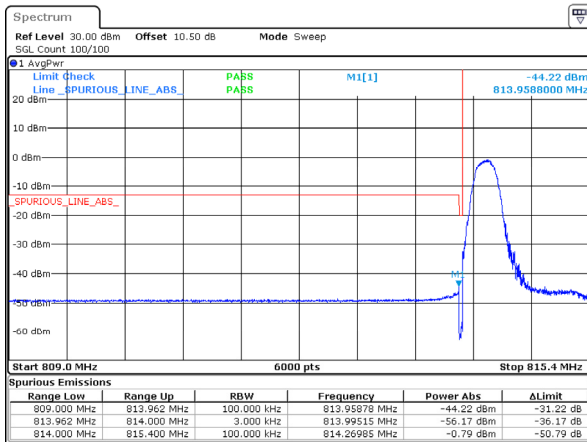
#### B26\_1, Normal

Mode	Result (dBm)	Limit	Verdict
1.4MHz_Low_QPSK_1@0	-44.22	See Graphs	Pass
1.4MHz_Low_QPSK_6@0	-47.02	See Graphs	Pass
1.4MHz_Low_16QAM_1@0	-44.49	See Graphs	Pass
1.4MHz_Low_16QAM_6@0	-47.12	See Graphs	Pass
1.4MHz_High_QPSK_1@5	-44.45	See Graphs	Pass
1.4MHz_High_QPSK_6@0	-46.82	See Graphs	Pass
1.4MHz_High_16QAM_1@5	-44.69	See Graphs	Pass
1.4MHz_High_16QAM_6@0	-47.41	See Graphs	Pass
3MHz_Low_QPSK_1@0	-38.10	See Graphs	Pass
3MHz_Low_QPSK_15@0	-46.23	See Graphs	Pass
3MHz_Low_16QAM_1@0	-38.24	See Graphs	Pass
3MHz_Low_16QAM_15@0	-46.33	See Graphs	Pass
3MHz_High_QPSK_1@14	<b>-36.55</b>	See Graphs	Pass
3MHz_High_QPSK_15@0	-45.60	See Graphs	Pass
3MHz_High_16QAM_1@14	-37.17	See Graphs	Pass
3MHz_High_16QAM_15@0	-46.42	See Graphs	Pass
5MHz_Low_QPSK_1@0	-45.44	See Graphs	Pass
5MHz_Low_QPSK_25@0	-48.37	See Graphs	Pass
5MHz_Low_16QAM_1@0	-45.34	See Graphs	Pass
5MHz_Low_16QAM_25@0	-48.30	See Graphs	Pass
5MHz_High_QPSK_1@24	-43.89	See Graphs	Pass
5MHz_High_QPSK_25@0	-48.08	See Graphs	Pass
5MHz_High_16QAM_1@24	-45.05	See Graphs	Pass
5MHz_High_16QAM_25@0	-48.16	See Graphs	Pass
10MHz_Low_QPSK_1@0	-47.73	See Graphs	Pass
10MHz_Low_QPSK_50@0	-48.50	See Graphs	Pass
10MHz_Low_16QAM_1@0	-47.69	See Graphs	Pass
10MHz_Low_16QAM_50@0	-48.62	See Graphs	Pass
10MHz_High_QPSK_1@49	-47.15	See Graphs	Pass
10MHz_High_QPSK_50@0	-48.32	See Graphs	Pass

Mode	Result (dBm)	Limit	Verdict
10MHz_High_16QAM_1@49	-47.12	See Graphs	Pass
10MHz_High_16QAM_50@0	-48.41	See Graphs	Pass
15MHz_Low_QPSK_1@0	-48.27	See Graphs	Pass
15MHz_Low_QPSK_75@0	-48.59	See Graphs	Pass
15MHz_Low_16QAM_1@0	-48.03	See Graphs	Pass
15MHz_Low_16QAM_75@0	-48.49	See Graphs	Pass

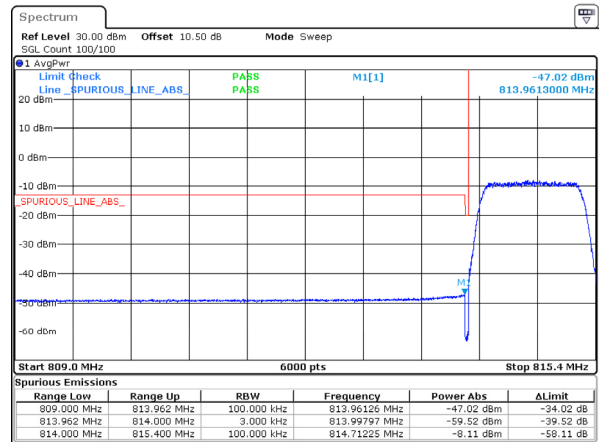
## B26\_1, Normal

### 1.4MHz\_Low\_QPSK\_1@0



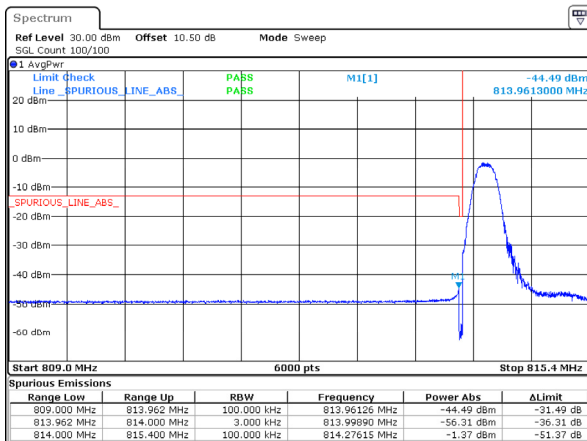
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Date: 24.NOV.2024 15:24:53

### 1.4MHz\_Low\_QPSK\_6@0



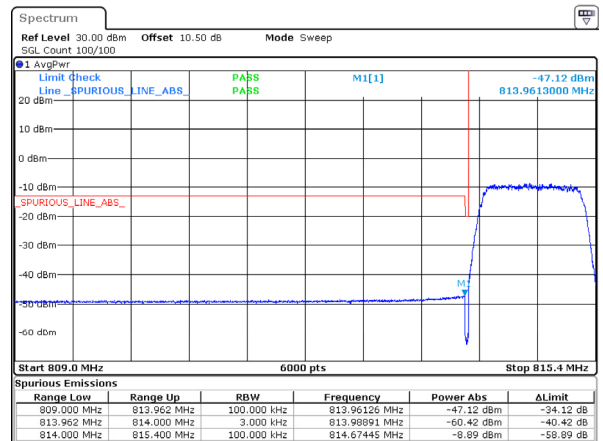
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### 1.4MHz\_Low\_16QAM\_1@0



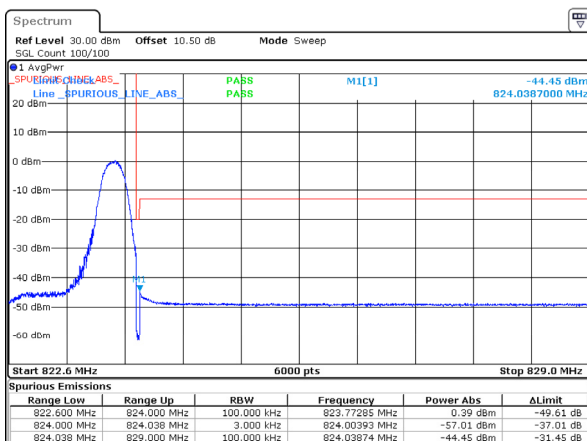
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### 1.4MHz\_Low\_16QAM\_6@0



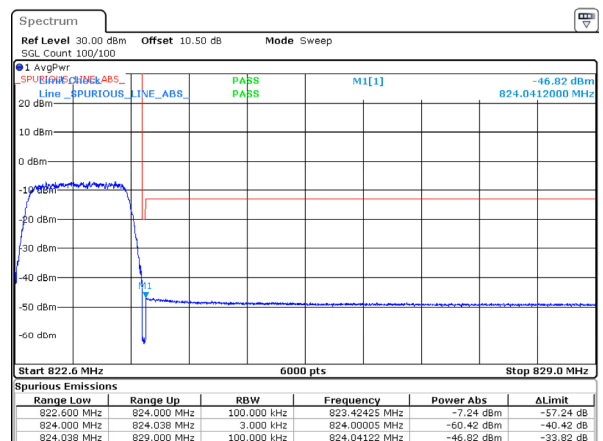
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### 1.4MHz\_High\_QPSK\_1@5



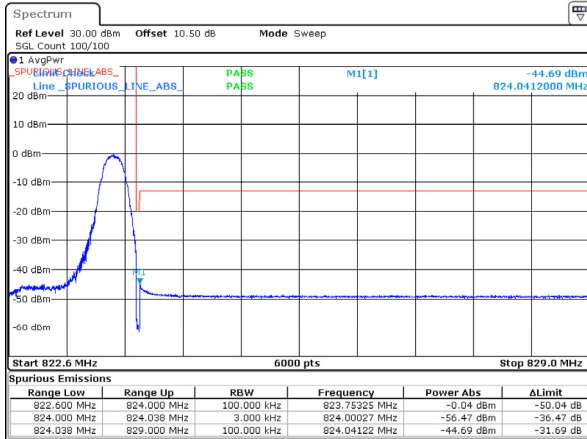
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### 1.4MHz\_High\_QPSK\_6@0



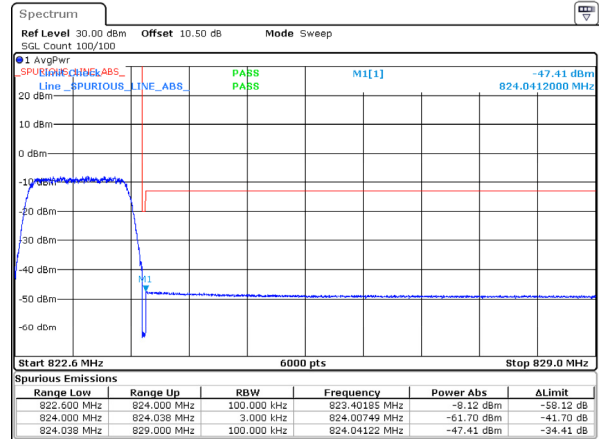
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### 1.4MHz\_High\_16QAM\_1@5



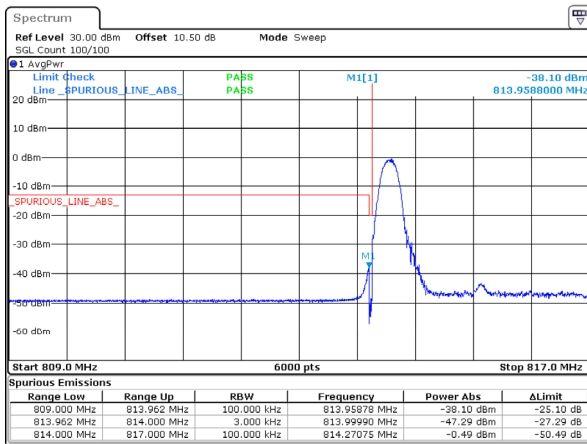
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### 1.4MHz\_High\_16QAM\_6@0



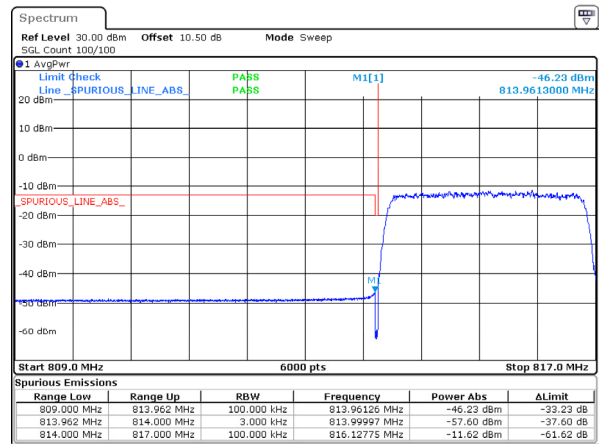
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### 3MHz\_Low\_QPSK\_1@0



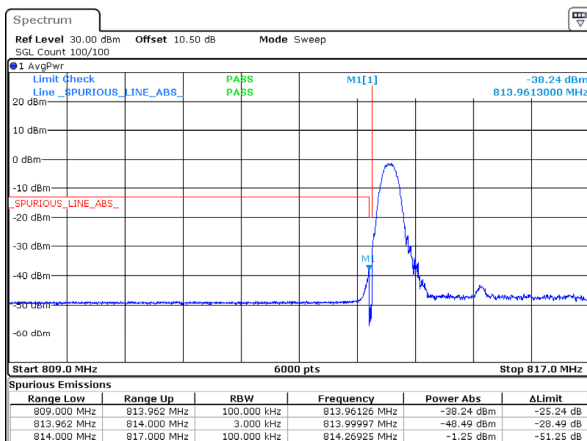
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### 3MHz\_Low\_QPSK\_15@0



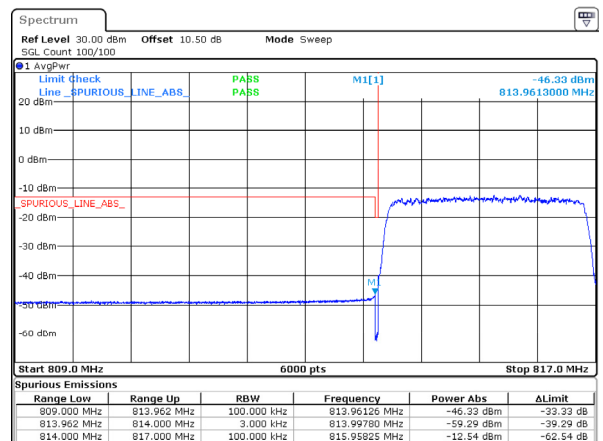
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### 3MHz\_Low\_16QAM\_1@0



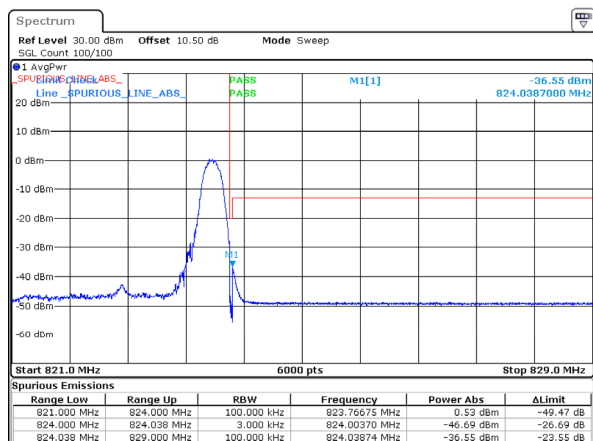
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### 3MHz\_Low\_16QAM\_15@0



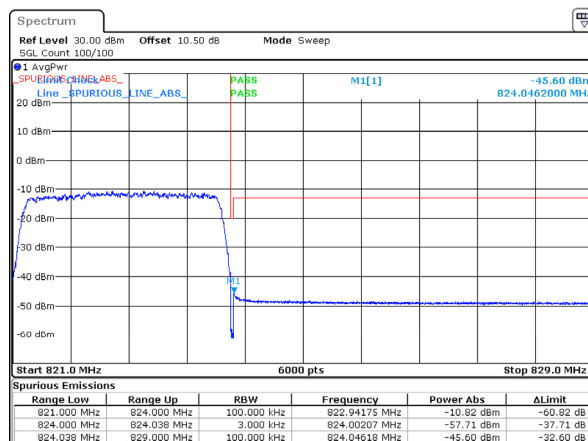
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### 3MHz\_High\_QPSK\_1@14



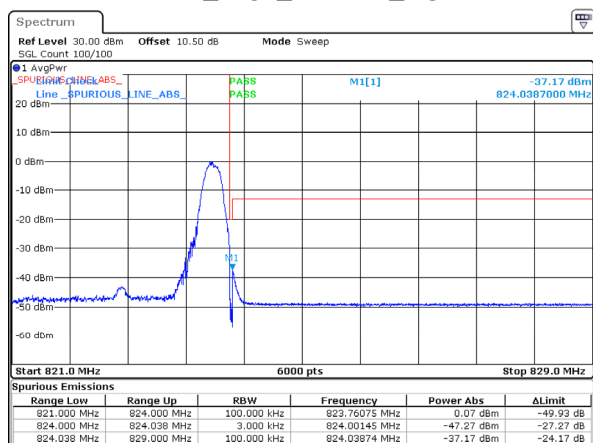
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### 3MHz\_High\_QPSK\_15@0



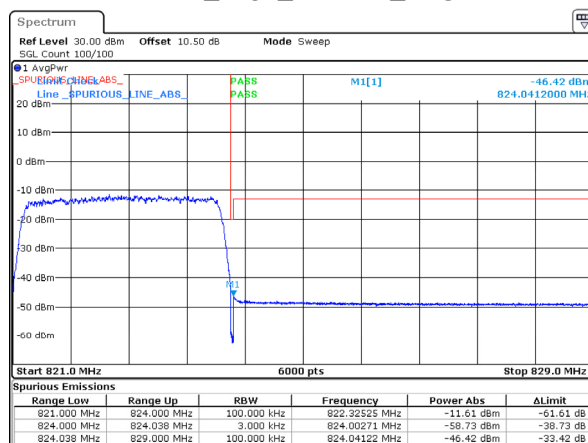
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### 3MHz\_High\_16QAM\_1@14



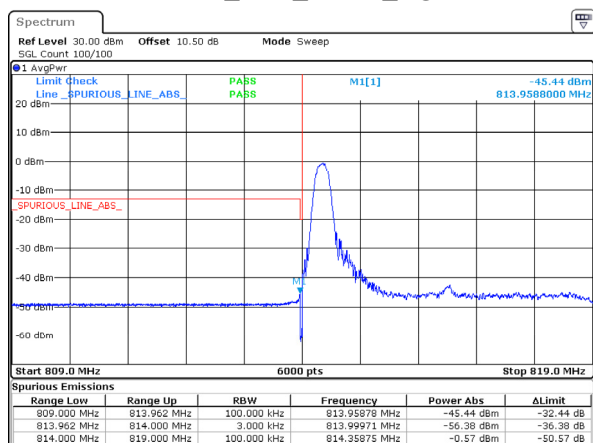
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### 3MHz\_High\_16QAM\_15@0



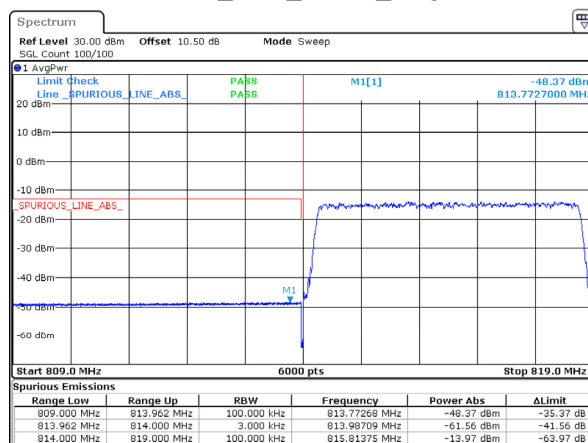
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Date: 24.NOV.2024 15:31:37

### 5MHz\_Low\_QPSK\_1@0



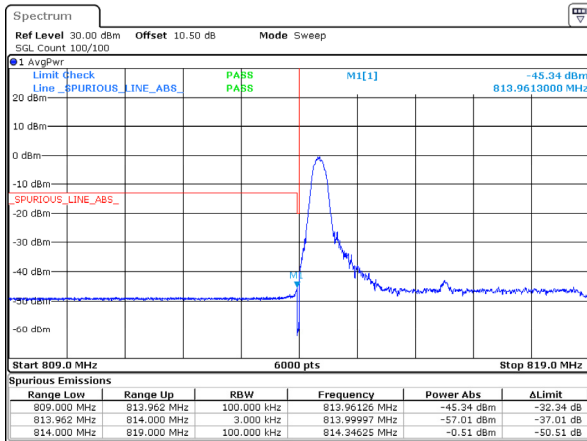
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### 5MHz\_Low\_QPSK\_25@0



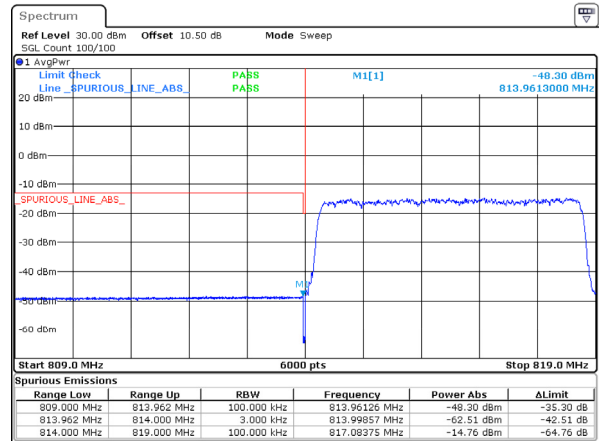
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5MHz\_Low\_16QAM\_1@0



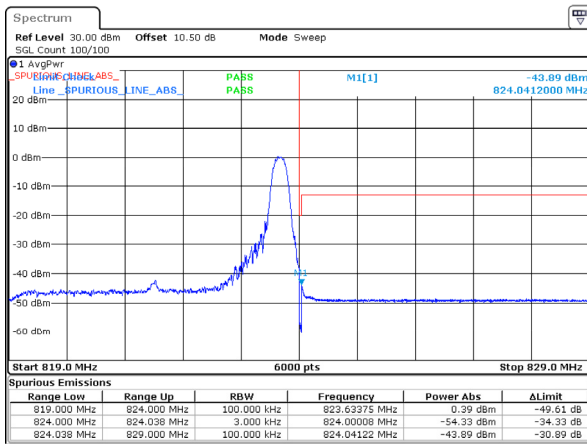
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5MHz\_Low\_16QAM\_25@0



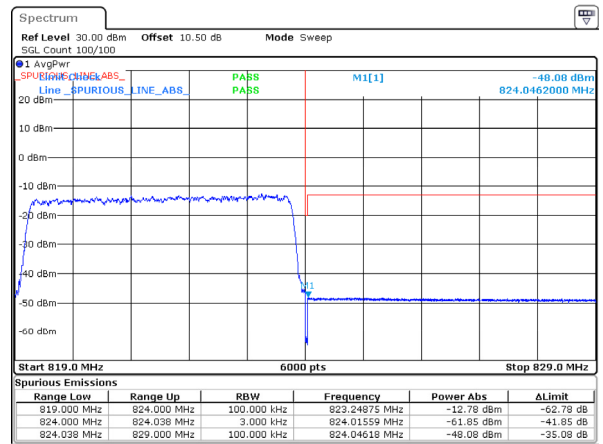
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Date: 24.NOV.2024 15:33:28

5MHz\_High\_QPSK\_1@24



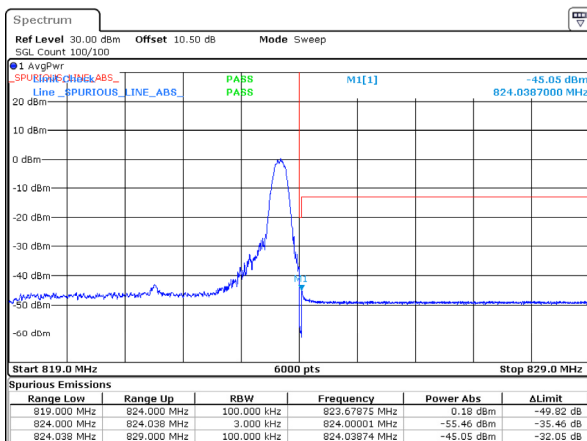
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5MHz\_High\_QPSK\_25@0



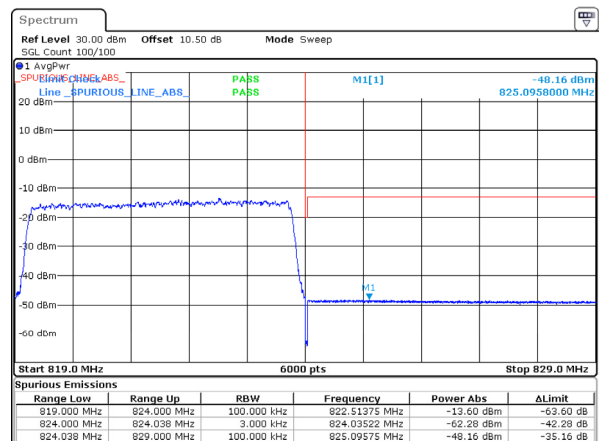
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5MHz\_High\_16QAM\_1@24



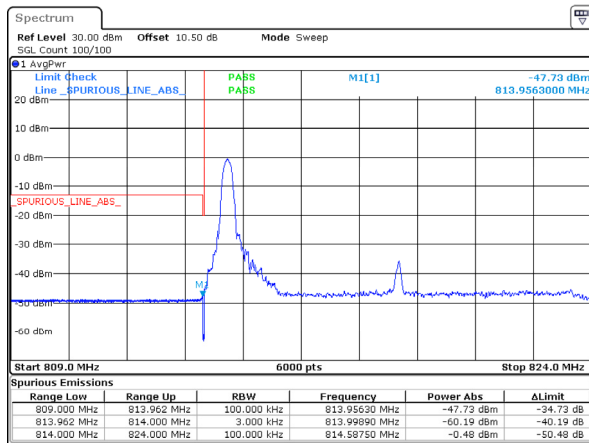
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5MHz\_High\_16QAM\_25@0



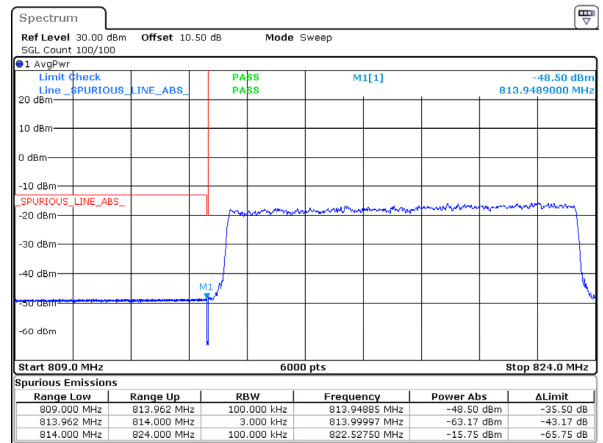
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Date: 24.NOV.2024 15:35:16

### 10MHz\_Low\_QPSK\_1@0



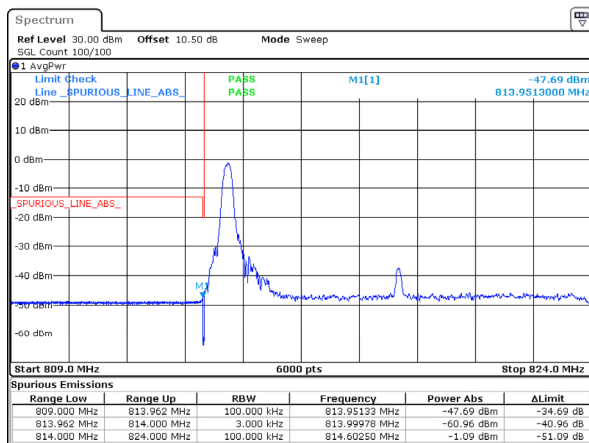
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### 10MHz\_Low\_QPSK\_50@0



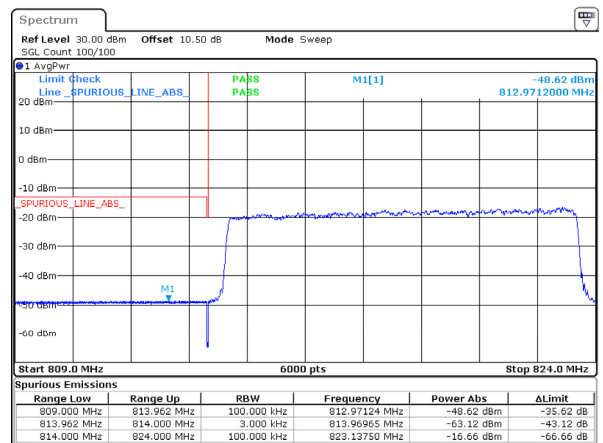
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### 10MHz\_Low\_16QAM\_1@0



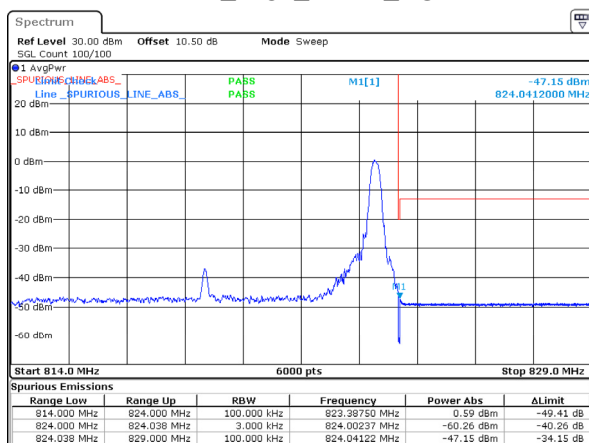
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### 10MHz\_Low\_16QAM\_50@0



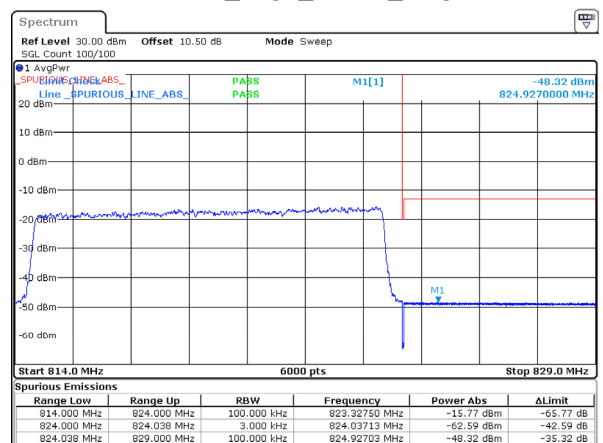
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### 10MHz\_High\_QPSK\_1@49



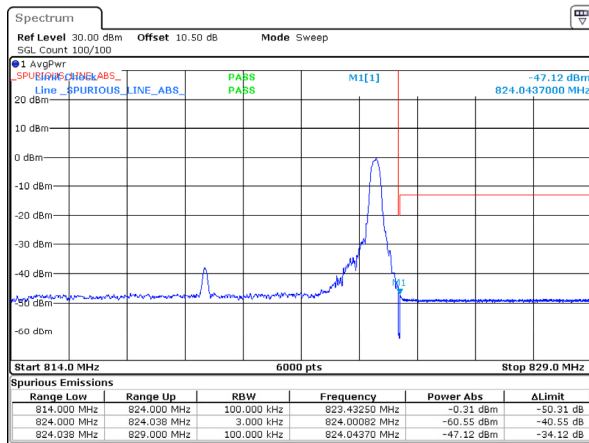
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Date: 24.NOV.2024 15:37:37

### 10MHz\_High\_QPSK\_50@0



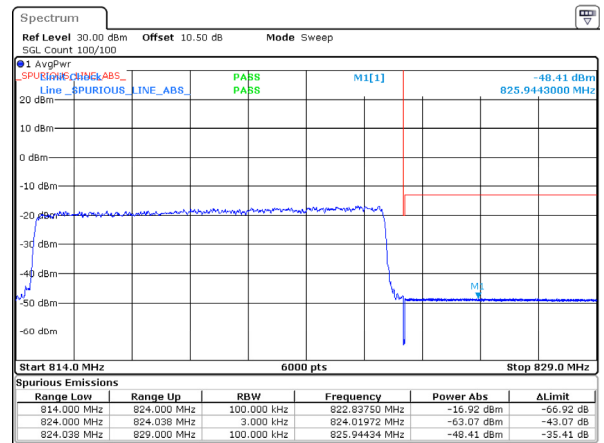
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### 10MHz\_High\_16QAM\_1@49



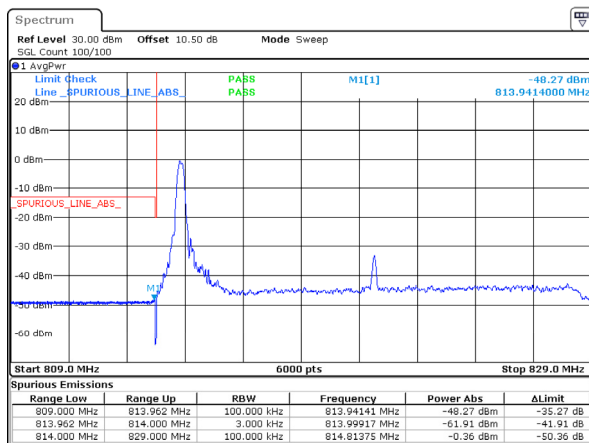
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### 10MHz\_High\_16QAM\_50@0



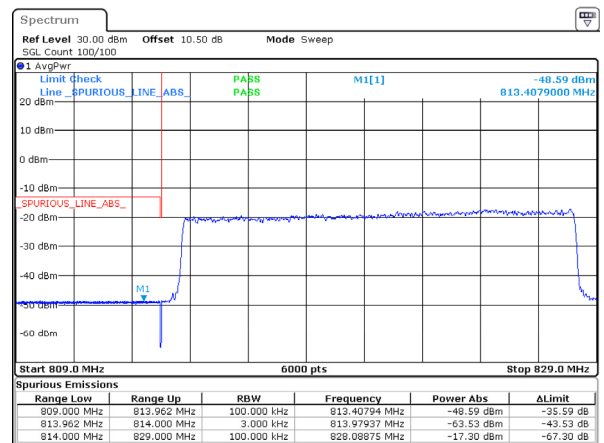
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### 15MHz\_Low\_QPSK\_1@0



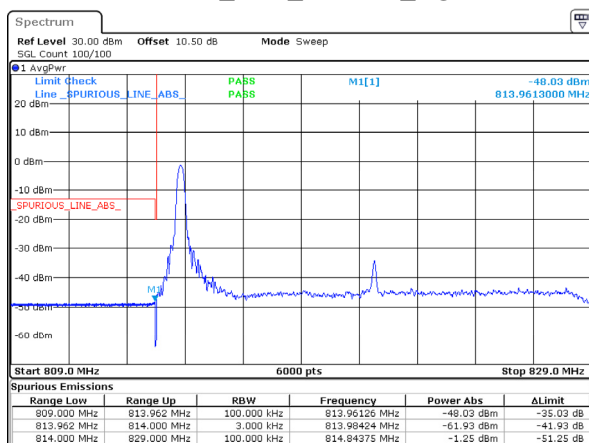
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### 15MHz\_Low\_QPSK\_75@0



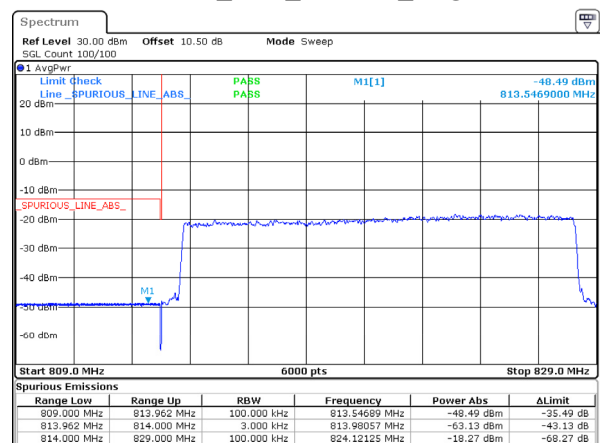
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### 15MHz\_Low\_16QAM\_1@0



ProjectNo.:2401Y58158E-RF Tester:Usain Ou  
Date: 24.NOV.2024 15:49:04

### 15MHz\_Low\_16QAM\_75@0



ProjectNo.:2401Y58158E-RF Tester:Usain Ou  
Date: 24.NOV.2024 15:49:31

## FCC Part 22H

### B5, Normal

Mode	Result (dBm)	Limit	Verdict
1.4MHz_Low_QPSK_1@0	-27.02	See Graphs	Pass
1.4MHz_Low_QPSK_6@0	-32.53	See Graphs	Pass
1.4MHz_Low_16QAM_1@0	-27.26	See Graphs	Pass
1.4MHz_Low_16QAM_6@0	-32.55	See Graphs	Pass
1.4MHz_High_QPSK_1@5	-25.78	See Graphs	Pass
1.4MHz_High_QPSK_6@0	-30.11	See Graphs	Pass
1.4MHz_High_16QAM_1@5	-25.92	See Graphs	Pass
1.4MHz_High_16QAM_6@0	-30.27	See Graphs	Pass
3MHz_Low_QPSK_1@0	-18.70	See Graphs	Pass
3MHz_Low_QPSK_15@0	-29.55	See Graphs	Pass
3MHz_Low_16QAM_1@0	-19.74	See Graphs	Pass
3MHz_Low_16QAM_15@0	-29.42	See Graphs	Pass
3MHz_High_QPSK_1@14	<b>-18.21</b>	See Graphs	Pass
3MHz_High_QPSK_15@0	-29.20	See Graphs	Pass
3MHz_High_16QAM_1@14	-19.02	See Graphs	Pass
3MHz_High_16QAM_15@0	-28.85	See Graphs	Pass
5MHz_Low_QPSK_1@0	-23.23	See Graphs	Pass
5MHz_Low_QPSK_25@0	-32.74	See Graphs	Pass
5MHz_Low_16QAM_1@0	-23.67	See Graphs	Pass
5MHz_Low_16QAM_25@0	-32.72	See Graphs	Pass
5MHz_High_QPSK_1@24	-22.14	See Graphs	Pass
5MHz_High_QPSK_25@0	-31.99	See Graphs	Pass
5MHz_High_16QAM_1@24	-21.41	See Graphs	Pass
5MHz_High_16QAM_25@0	-31.61	See Graphs	Pass
10MHz_Low_QPSK_1@0	-30.54	See Graphs	Pass
10MHz_Low_QPSK_50@0	-37.93	See Graphs	Pass
10MHz_Low_16QAM_1@0	-30.88	See Graphs	Pass
10MHz_Low_16QAM_50@0	-37.50	See Graphs	Pass
10MHz_High_QPSK_1@49	-26.46	See Graphs	Pass
10MHz_High_QPSK_50@0	-38.24	See Graphs	Pass

Mode	Result (dBm)	Limit	Verdict
10MHz_High_16QAM_1@49	-30.24	See Graphs	Pass
10MHz_High_16QAM_50@0	-38.40	See Graphs	Pass

#### B26\_2, Normal

Mode	Result (dBm)	Limit	Verdict
1.4MHz_Low_QPSK_1@0	-25.76	See Graphs	Pass
1.4MHz_Low_QPSK_6@0	-32.05	See Graphs	Pass
1.4MHz_Low_16QAM_1@0	-26.12	See Graphs	Pass
1.4MHz_Low_16QAM_6@0	-32.45	See Graphs	Pass
1.4MHz_High_QPSK_1@5	-24.14	See Graphs	Pass
1.4MHz_High_QPSK_6@0	-32.26	See Graphs	Pass
1.4MHz_High_16QAM_1@5	-24.13	See Graphs	Pass
1.4MHz_High_16QAM_6@0	-31.70	See Graphs	Pass
3MHz_Low_QPSK_1@0	-18.09	See Graphs	Pass
3MHz_Low_QPSK_15@0	-30.42	See Graphs	Pass
3MHz_Low_16QAM_1@0	-18.89	See Graphs	Pass
3MHz_Low_16QAM_15@0	-31.38	See Graphs	Pass
3MHz_High_QPSK_1@14	-17.29	See Graphs	Pass
3MHz_High_QPSK_15@0	-29.90	See Graphs	Pass
3MHz_High_16QAM_1@14	-17.98	See Graphs	Pass
3MHz_High_16QAM_15@0	-30.91	See Graphs	Pass
5MHz_Low_QPSK_1@0	-21.97	See Graphs	Pass
5MHz_Low_QPSK_25@0	-33.75	See Graphs	Pass
5MHz_Low_16QAM_1@0	-22.77	See Graphs	Pass
5MHz_Low_16QAM_25@0	-34.63	See Graphs	Pass
5MHz_High_QPSK_1@24	-21.45	See Graphs	Pass
5MHz_High_QPSK_25@0	-33.62	See Graphs	Pass
5MHz_High_16QAM_1@24	-21.69	See Graphs	Pass
5MHz_High_16QAM_25@0	-34.69	See Graphs	Pass
10MHz_Low_QPSK_1@0	-38.55	See Graphs	Pass
10MHz_Low_QPSK_50@0	-50.52	See Graphs	Pass
10MHz_Low_16QAM_1@0	-40.66	See Graphs	Pass
10MHz_Low_16QAM_50@0	-49.29	See Graphs	Pass
10MHz_High_QPSK_1@49	-36.55	See Graphs	Pass

Mode	Result (dBm)	Limit	Verdict
10MHz_High_QPSK_50@0	-49.42	See Graphs	Pass
10MHz_High_16QAM_1@49	-38.82	See Graphs	Pass
10MHz_High_16QAM_50@0	-49.33	See Graphs	Pass
15MHz_Low_QPSK_1@0	-38.42	See Graphs	Pass
15MHz_Low_QPSK_75@0	-49.12	See Graphs	Pass
15MHz_Low_16QAM_1@0	-39.35	See Graphs	Pass
15MHz_Low_16QAM_75@0	-49.38	See Graphs	Pass
15MHz_High_QPSK_1@74	<b>-36.69</b>	See Graphs	Pass
15MHz_High_QPSK_75@0	-47.29	See Graphs	Pass
15MHz_High_16QAM_1@74	-38.05	See Graphs	Pass
15MHz_High_16QAM_75@0	-46.83	See Graphs	Pass