



# Appendix B

## E-UTRA Band 26 (814-824)



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#2	23.93	18.18	50	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	23.74	17.99	50	PASS
Band26	1.4MHz	QPSK	26697	1RB#0	23.79	18.04	50	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	23.89	18.14	50	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	23.89	18.14	50	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	23.83	18.08	50	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	22.78	17.03	50	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	23.73	17.98	50	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	23.76	18.01	50	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	23.74	17.99	50	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	23.76	18.01	50	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	23.71	17.96	50	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	23.77	18.02	50	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	22.75	17.00	50	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	23.72	17.97	50	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	23.71	17.96	50	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	23.67	17.92	50	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	23.79	18.04	50	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	23.70	17.95	50	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	23.75	18.00	50	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	22.77	17.02	50	PASS
Band26	1.4MHz	64QAM	26697	1RB#2	22.07	16.32	50	PASS
Band26	1.4MHz	64QAM	26697	1RB#5	21.93	16.18	50	PASS
Band26	1.4MHz	64QAM	26697	1RB#0	22.04	16.29	50	PASS
Band26	1.4MHz	64QAM	26697	3RB#0	22.00	16.25	50	PASS
Band26	1.4MHz	64QAM	26697	3RB#1	22.04	16.29	50	PASS
Band26	1.4MHz	64QAM	26697	3RB#3	22.06	16.31	50	PASS



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Band26	1.4MHz	64QAM	26697	6RB#0	20.87	15.12	50	PASS
Band26	1.4MHz	64QAM	26740	1RB#0	22.10	16.35	50	PASS
Band26	1.4MHz	64QAM	26740	1RB#2	21.99	16.24	50	PASS
Band26	1.4MHz	64QAM	26740	1RB#5	22.02	16.27	50	PASS
Band26	1.4MHz	64QAM	26740	3RB#0	21.75	16.00	50	PASS
Band26	1.4MHz	64QAM	26740	3RB#3	21.95	16.20	50	PASS
Band26	1.4MHz	64QAM	26740	3RB#1	21.79	16.04	50	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	20.76	15.01	50	PASS
Band26	1.4MHz	64QAM	26783	1RB#2	21.97	16.22	50	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	21.86	16.11	50	PASS
Band26	1.4MHz	64QAM	26783	1RB#5	21.89	16.14	50	PASS
Band26	1.4MHz	64QAM	26783	3RB#3	21.93	16.18	50	PASS
Band26	1.4MHz	64QAM	26783	3RB#1	21.93	16.18	50	PASS
Band26	1.4MHz	64QAM	26783	3RB#0	21.87	16.12	50	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	20.74	14.99	50	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	23.19	17.44	50	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	23.10	17.35	50	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	23.00	17.25	50	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	22.95	17.20	50	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	22.81	17.06	50	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	22.97	17.22	50	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	21.93	16.18	50	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	23.03	17.28	50	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	22.89	17.14	50	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	22.98	17.23	50	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	22.85	17.10	50	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	22.83	17.08	50	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	22.82	17.07	50	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	21.84	16.09	50	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	22.94	17.19	50	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	23.02	17.27	50	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	23.02	17.27	50	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	22.82	17.07	50	PASS



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Band26	1.4MHz	16QAM	26783	3RB#1	22.90	17.15	50	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	22.84	17.09	50	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	21.82	16.07	50	PASS
Band26	3MHz	QPSK	26705	1RB#0	23.90	18.15	50	PASS
Band26	3MHz	QPSK	26705	1RB#8	23.83	18.08	50	PASS
Band26	3MHz	QPSK	26705	1RB#14	23.74	17.99	50	PASS
Band26	3MHz	QPSK	26705	8RB#7	22.81	17.06	50	PASS
Band26	3MHz	QPSK	26705	8RB#4	22.89	17.14	50	PASS
Band26	3MHz	QPSK	26705	8RB#0	22.87	17.12	50	PASS
Band26	3MHz	QPSK	26705	15RB#0	22.88	17.13	50	PASS
Band26	3MHz	QPSK	26740	1RB#0	23.77	18.02	50	PASS
Band26	3MHz	QPSK	26740	1RB#14	23.83	18.08	50	PASS
Band26	3MHz	QPSK	26740	1RB#8	23.84	18.09	50	PASS
Band26	3MHz	QPSK	26740	8RB#7	22.81	17.06	50	PASS
Band26	3MHz	QPSK	26740	8RB#4	22.80	17.05	50	PASS
Band26	3MHz	QPSK	26740	8RB#0	22.79	17.04	50	PASS
Band26	3MHz	QPSK	26740	15RB#0	22.78	17.03	50	PASS
Band26	3MHz	QPSK	26775	1RB#8	23.83	18.08	50	PASS
Band26	3MHz	QPSK	26775	1RB#14	23.76	18.01	50	PASS
Band26	3MHz	QPSK	26775	1RB#0	23.88	18.13	50	PASS
Band26	3MHz	QPSK	26775	8RB#7	22.73	16.98	50	PASS
Band26	3MHz	QPSK	26775	8RB#4	22.81	17.06	50	PASS
Band26	3MHz	QPSK	26775	8RB#0	22.79	17.04	50	PASS
Band26	3MHz	QPSK	26775	15RB#0	22.80	17.05	50	PASS
Band26	3MHz	64QAM	26705	1RB#0	22.13	16.38	50	PASS
Band26	3MHz	64QAM	26705	1RB#14	21.90	16.15	50	PASS
Band26	3MHz	64QAM	26705	1RB#8	21.81	16.06	50	PASS
Band26	3MHz	64QAM	26705	8RB#0	20.94	15.19	50	PASS
Band26	3MHz	64QAM	26705	8RB#7	20.86	15.11	50	PASS
Band26	3MHz	64QAM	26705	8RB#4	20.95	15.20	50	PASS
Band26	3MHz	64QAM	26705	15RB#0	20.86	15.11	50	PASS
Band26	3MHz	64QAM	26740	1RB#0	22.11	16.36	50	PASS
Band26	3MHz	64QAM	26740	1RB#8	22.07	16.32	50	PASS



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Band26	3MHz	64QAM	26740	1RB#14	21.89	16.14	50	PASS
Band26	3MHz	64QAM	26740	8RB#0	20.80	15.05	50	PASS
Band26	3MHz	64QAM	26740	8RB#4	20.87	15.12	50	PASS
Band26	3MHz	64QAM	26740	8RB#7	20.81	15.06	50	PASS
Band26	3MHz	64QAM	26740	15RB#0	20.78	15.03	50	PASS
Band26	3MHz	64QAM	26775	1RB#14	21.95	16.20	50	PASS
Band26	3MHz	64QAM	26775	1RB#8	22.10	16.35	50	PASS
Band26	3MHz	64QAM	26775	1RB#0	22.06	16.31	50	PASS
Band26	3MHz	64QAM	26775	8RB#7	20.76	15.01	50	PASS
Band26	3MHz	64QAM	26775	8RB#0	20.81	15.06	50	PASS
Band26	3MHz	64QAM	26775	8RB#4	20.84	15.09	50	PASS
Band26	3MHz	64QAM	26775	15RB#0	20.81	15.06	50	PASS
Band26	3MHz	16QAM	26705	1RB#0	23.05	17.30	50	PASS
Band26	3MHz	16QAM	26705	1RB#8	23.10	17.35	50	PASS
Band26	3MHz	16QAM	26705	1RB#14	22.90	17.15	50	PASS
Band26	3MHz	16QAM	26705	8RB#0	21.91	16.16	50	PASS
Band26	3MHz	16QAM	26705	8RB#4	21.92	16.17	50	PASS
Band26	3MHz	16QAM	26705	8RB#7	21.93	16.18	50	PASS
Band26	3MHz	16QAM	26705	15RB#0	21.94	16.19	50	PASS
Band26	3MHz	16QAM	26740	1RB#8	23.04	17.29	50	PASS
Band26	3MHz	16QAM	26740	1RB#14	22.99	17.24	50	PASS
Band26	3MHz	16QAM	26740	1RB#0	23.02	17.27	50	PASS
Band26	3MHz	16QAM	26740	8RB#0	21.83	16.08	50	PASS
Band26	3MHz	16QAM	26740	8RB#7	21.85	16.10	50	PASS
Band26	3MHz	16QAM	26740	8RB#4	21.84	16.09	50	PASS
Band26	3MHz	16QAM	26740	15RB#0	21.85	16.10	50	PASS
Band26	3MHz	16QAM	26775	1RB#8	22.99	17.24	50	PASS
Band26	3MHz	16QAM	26775	1RB#0	23.16	17.41	50	PASS
Band26	3MHz	16QAM	26775	1RB#14	23.04	17.29	50	PASS
Band26	3MHz	16QAM	26775	8RB#4	21.82	16.07	50	PASS
Band26	3MHz	16QAM	26775	8RB#7	21.86	16.11	50	PASS
Band26	3MHz	16QAM	26775	8RB#0	21.82	16.07	50	PASS
Band26	3MHz	16QAM	26775	15RB#0	21.74	15.99	50	PASS



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Band26	5MHz	QPSK	26715	1RB#0	23.97	18.22	50	PASS
Band26	5MHz	QPSK	26715	1RB#24	23.25	17.50	50	PASS
Band26	5MHz	QPSK	26715	1RB#12	23.76	18.01	50	PASS
Band26	5MHz	QPSK	26715	12RB#13	22.76	17.01	50	PASS
Band26	5MHz	QPSK	26715	12RB#0	22.86	17.11	50	PASS
Band26	5MHz	QPSK	26715	12RB#6	22.91	17.16	50	PASS
Band26	5MHz	QPSK	26715	25RB#0	22.75	17.00	50	PASS
Band26	5MHz	QPSK	26740	1RB#0	23.83	18.08	50	PASS
Band26	5MHz	QPSK	26740	1RB#12	23.77	18.02	50	PASS
Band26	5MHz	QPSK	26740	1RB#24	23.88	18.13	50	PASS
Band26	5MHz	QPSK	26740	12RB#0	22.82	17.07	50	PASS
Band26	5MHz	QPSK	26740	12RB#13	22.78	17.03	50	PASS
Band26	5MHz	QPSK	26740	12RB#6	22.83	17.08	50	PASS
Band26	5MHz	QPSK	26740	25RB#0	22.83	17.08	50	PASS
Band26	5MHz	QPSK	26765	1RB#12	23.77	18.02	50	PASS
Band26	5MHz	QPSK	26765	1RB#24	23.90	18.15	50	PASS
Band26	5MHz	QPSK	26765	1RB#0	23.91	18.16	50	PASS
Band26	5MHz	QPSK	26765	12RB#6	22.81	17.06	50	PASS
Band26	5MHz	QPSK	26765	12RB#13	22.75	17.00	50	PASS
Band26	5MHz	QPSK	26765	12RB#0	22.84	17.09	50	PASS
Band26	5MHz	QPSK	26765	25RB#0	22.81	17.06	50	PASS
Band26	5MHz	64QAM	26715	1RB#0	22.01	16.26	50	PASS
Band26	5MHz	64QAM	26715	1RB#12	21.75	16.00	50	PASS
Band26	5MHz	64QAM	26715	1RB#24	21.77	16.02	50	PASS
Band26	5MHz	64QAM	26715	12RB#0	20.94	15.19	50	PASS
Band26	5MHz	64QAM	26715	12RB#6	20.86	15.11	50	PASS
Band26	5MHz	64QAM	26715	12RB#13	20.87	15.12	50	PASS
Band26	5MHz	64QAM	26715	25RB#0	20.84	15.09	50	PASS
Band26	5MHz	64QAM	26740	1RB#0	22.13	16.38	50	PASS
Band26	5MHz	64QAM	26740	1RB#12	21.80	16.05	50	PASS
Band26	5MHz	64QAM	26740	1RB#24	21.76	16.01	50	PASS
Band26	5MHz	64QAM	26740	12RB#13	20.88	15.13	50	PASS
Band26	5MHz	64QAM	26740	12RB#0	20.84	15.09	50	PASS



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Band26	5MHz	64QAM	26740	12RB#6	20.85	15.10	50	PASS
Band26	5MHz	64QAM	26740	25RB#0	20.81	15.06	50	PASS
Band26	5MHz	64QAM	26765	1RB#12	21.96	16.21	50	PASS
Band26	5MHz	64QAM	26765	1RB#0	21.96	16.21	50	PASS
Band26	5MHz	64QAM	26765	1RB#24	21.90	16.15	50	PASS
Band26	5MHz	64QAM	26765	12RB#13	20.85	15.10	50	PASS
Band26	5MHz	64QAM	26765	12RB#0	20.94	15.19	50	PASS
Band26	5MHz	64QAM	26765	12RB#6	20.83	15.08	50	PASS
Band26	5MHz	64QAM	26765	25RB#0	20.81	15.06	50	PASS
Band26	5MHz	16QAM	26715	1RB#24	22.99	17.24	50	PASS
Band26	5MHz	16QAM	26715	1RB#0	23.22	17.47	50	PASS
Band26	5MHz	16QAM	26715	1RB#12	23.06	17.31	50	PASS
Band26	5MHz	16QAM	26715	12RB#0	22.01	16.26	50	PASS
Band26	5MHz	16QAM	26715	12RB#13	21.87	16.12	50	PASS
Band26	5MHz	16QAM	26715	12RB#6	21.97	16.22	50	PASS
Band26	5MHz	16QAM	26715	25RB#0	21.84	16.09	50	PASS
Band26	5MHz	16QAM	26740	1RB#12	23.06	17.31	50	PASS
Band26	5MHz	16QAM	26740	1RB#24	23.09	17.34	50	PASS
Band26	5MHz	16QAM	26740	1RB#0	22.93	17.18	50	PASS
Band26	5MHz	16QAM	26740	12RB#0	21.86	16.11	50	PASS
Band26	5MHz	16QAM	26740	12RB#6	21.82	16.07	50	PASS
Band26	5MHz	16QAM	26740	12RB#13	21.88	16.13	50	PASS
Band26	5MHz	16QAM	26740	25RB#0	21.81	16.06	50	PASS
Band26	5MHz	16QAM	26765	1RB#0	23.02	17.27	50	PASS
Band26	5MHz	16QAM	26765	1RB#12	22.84	17.09	50	PASS
Band26	5MHz	16QAM	26765	1RB#24	23.05	17.30	50	PASS
Band26	5MHz	16QAM	26765	12RB#0	21.82	16.07	50	PASS
Band26	5MHz	16QAM	26765	12RB#6	21.82	16.07	50	PASS
Band26	5MHz	16QAM	26765	12RB#13	21.81	16.06	50	PASS
Band26	5MHz	16QAM	26765	25RB#0	21.76	16.01	50	PASS
Band26	10MHz	QPSK	26740	1RB#24	23.73	17.98	50	PASS
Band26	10MHz	QPSK	26740	1RB#49	24.00	18.25	50	PASS
Band26	10MHz	QPSK	26740	1RB#0	24.15	18.40	50	PASS



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Band26	10MHz	QPSK	26740	25RB#25	22.92	17.17	50	PASS
Band26	10MHz	QPSK	26740	25RB#12	22.84	17.09	50	PASS
Band26	10MHz	QPSK	26740	25RB#0	22.91	17.16	50	PASS
Band26	10MHz	QPSK	26740	50RB#0	22.92	17.17	50	PASS
Band26	10MHz	64QAM	26740	1RB#0	22.32	16.57	50	PASS
Band26	10MHz	64QAM	26740	1RB#24	21.79	16.04	50	PASS
Band26	10MHz	64QAM	26740	1RB#49	22.11	16.36	50	PASS
Band26	10MHz	64QAM	26740	25RB#0	20.93	15.18	50	PASS
Band26	10MHz	64QAM	26740	25RB#12	20.86	15.11	50	PASS
Band26	10MHz	64QAM	26740	25RB#25	20.94	15.19	50	PASS
Band26	10MHz	64QAM	26740	50RB#0	20.97	15.22	50	PASS
Band26	10MHz	16QAM	26740	1RB#49	23.38	17.63	50	PASS
Band26	10MHz	16QAM	26740	1RB#0	23.36	17.61	50	PASS
Band26	10MHz	16QAM	26740	1RB#24	22.99	17.24	50	PASS
Band26	10MHz	16QAM	26740	25RB#0	21.78	16.03	50	PASS
Band26	10MHz	16QAM	26740	25RB#12	21.90	16.15	50	PASS
Band26	10MHz	16QAM	26740	25RB#25	21.89	16.14	50	PASS
Band26	10MHz	16QAM	26740	50RB#0	21.90	16.15	50	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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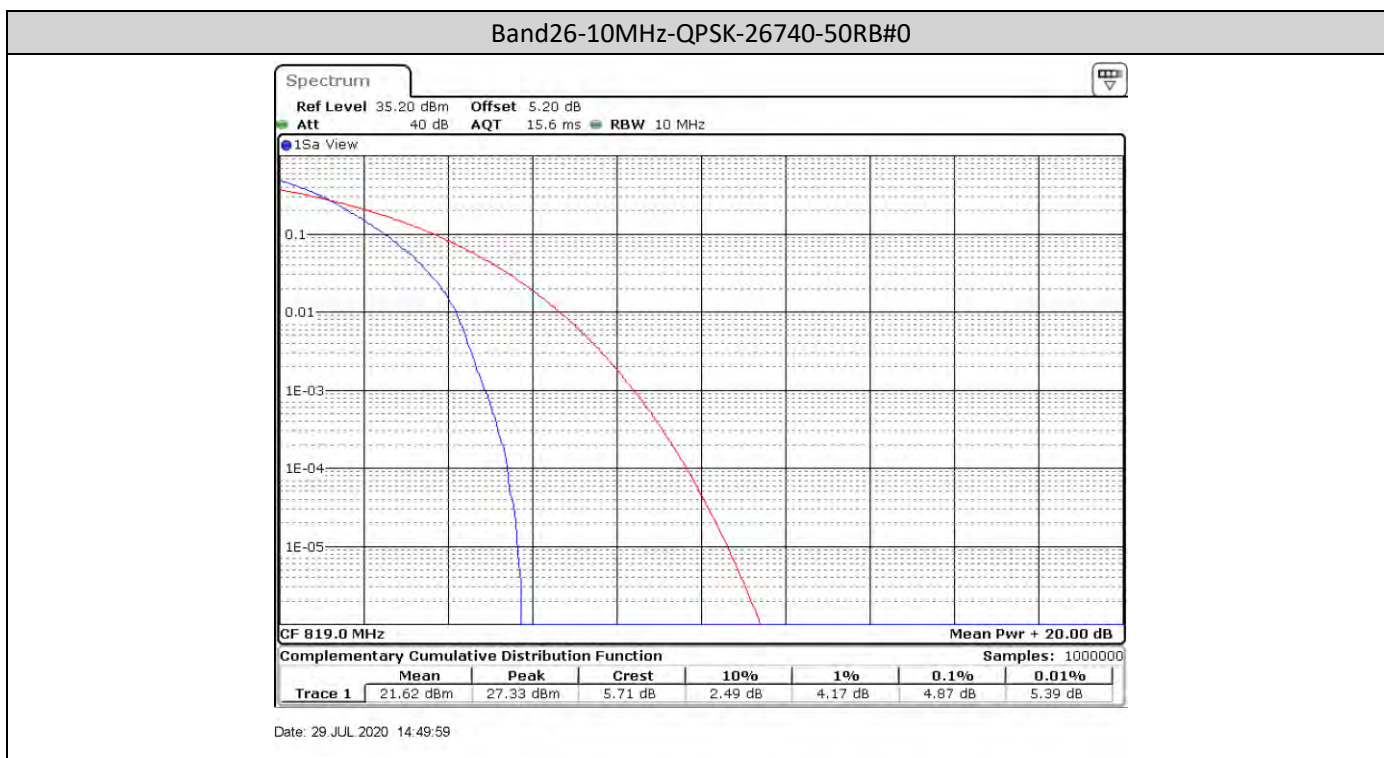


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	4.87	13	PASS
Band26	10MHz	64QAM	26740	50RB#0	6.23	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	5.80	13	PASS

### 2.2. Test Plots



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**Band26-10MHz-64QAM-26740-50RB#0**



Date: 29 JUL 2020 14:56:06

**Band26-10MHz-16QAM-26740-50RB#0**



Date: 29 JUL 2020 14:50:10



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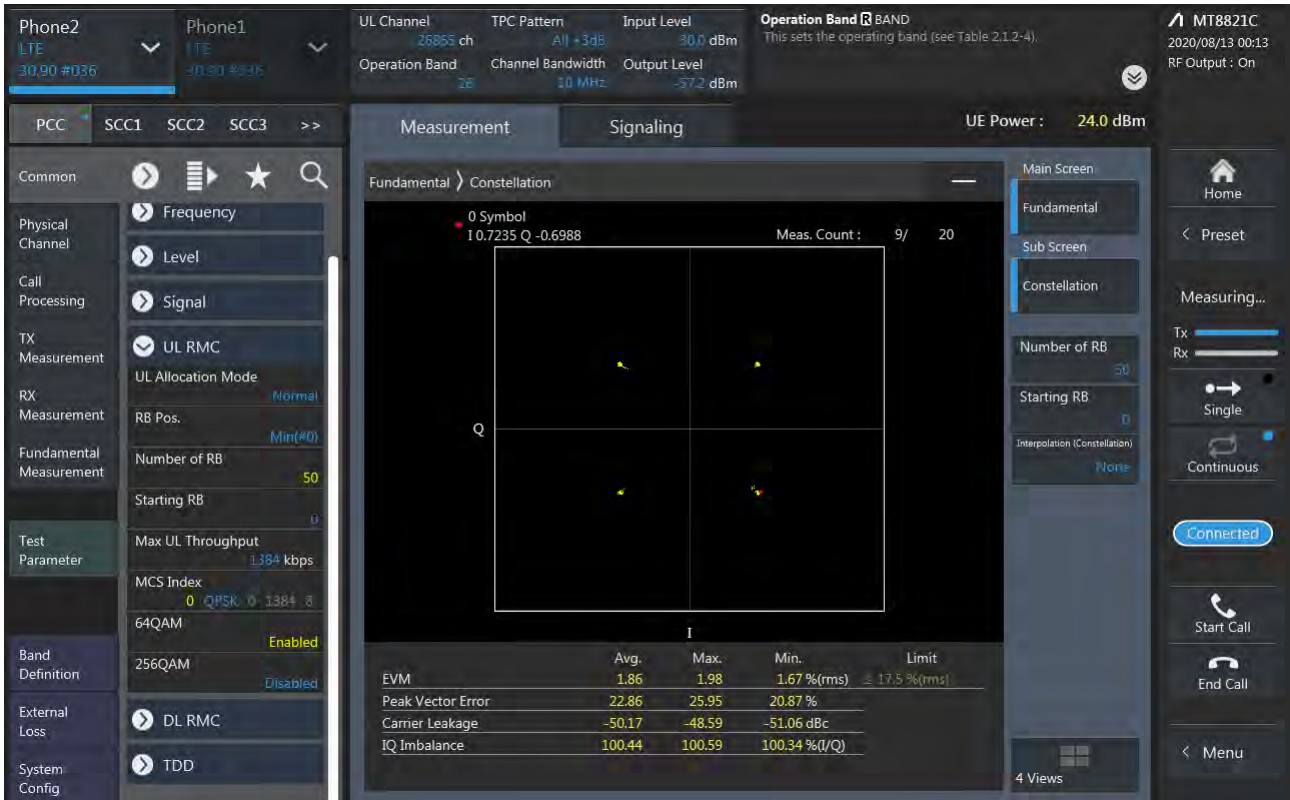
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### 3. Modulation Characteristics

#### 3.1. Test Mode = LTE /TM1 10MHz

##### 3.1.1. Test Channel = MCH



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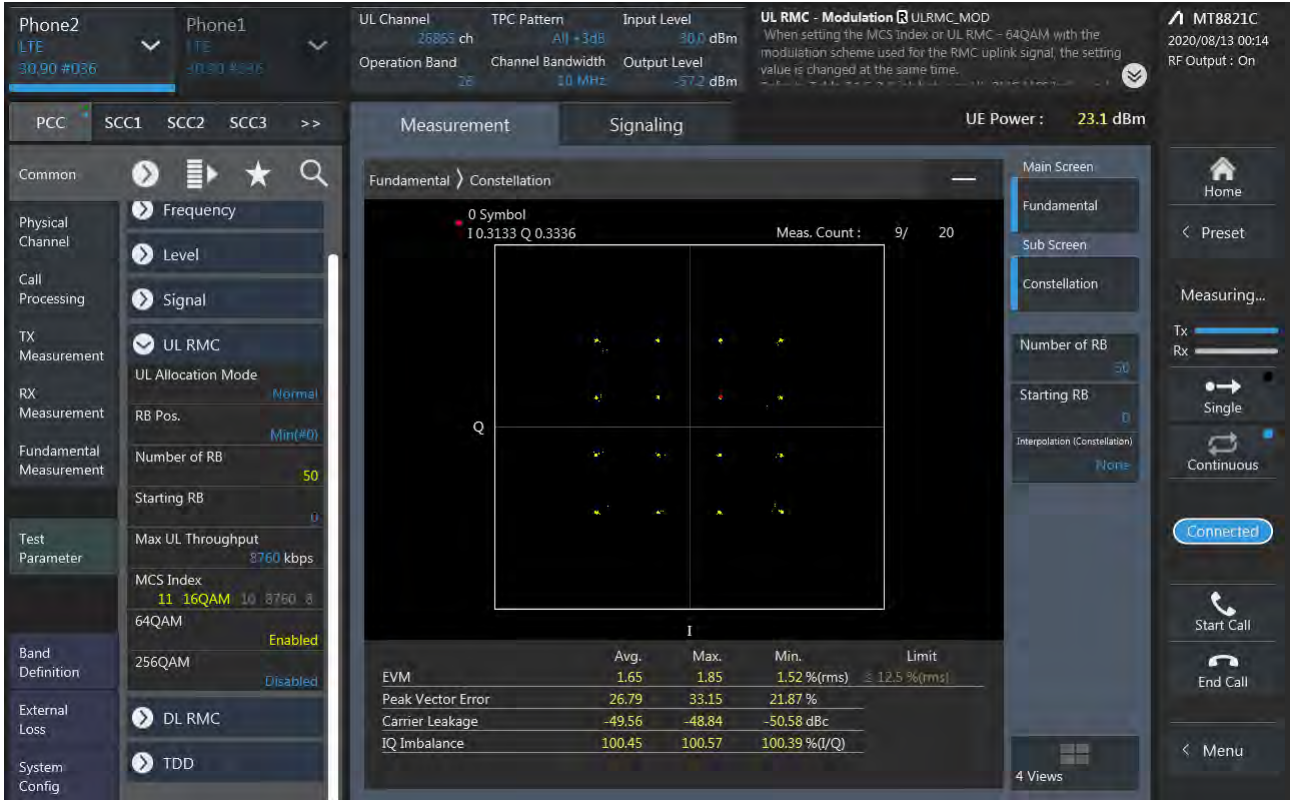
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### 3.2. Test Mode = LTE /TM2 10MHz

#### 3.2.1. Test Channel = MCH

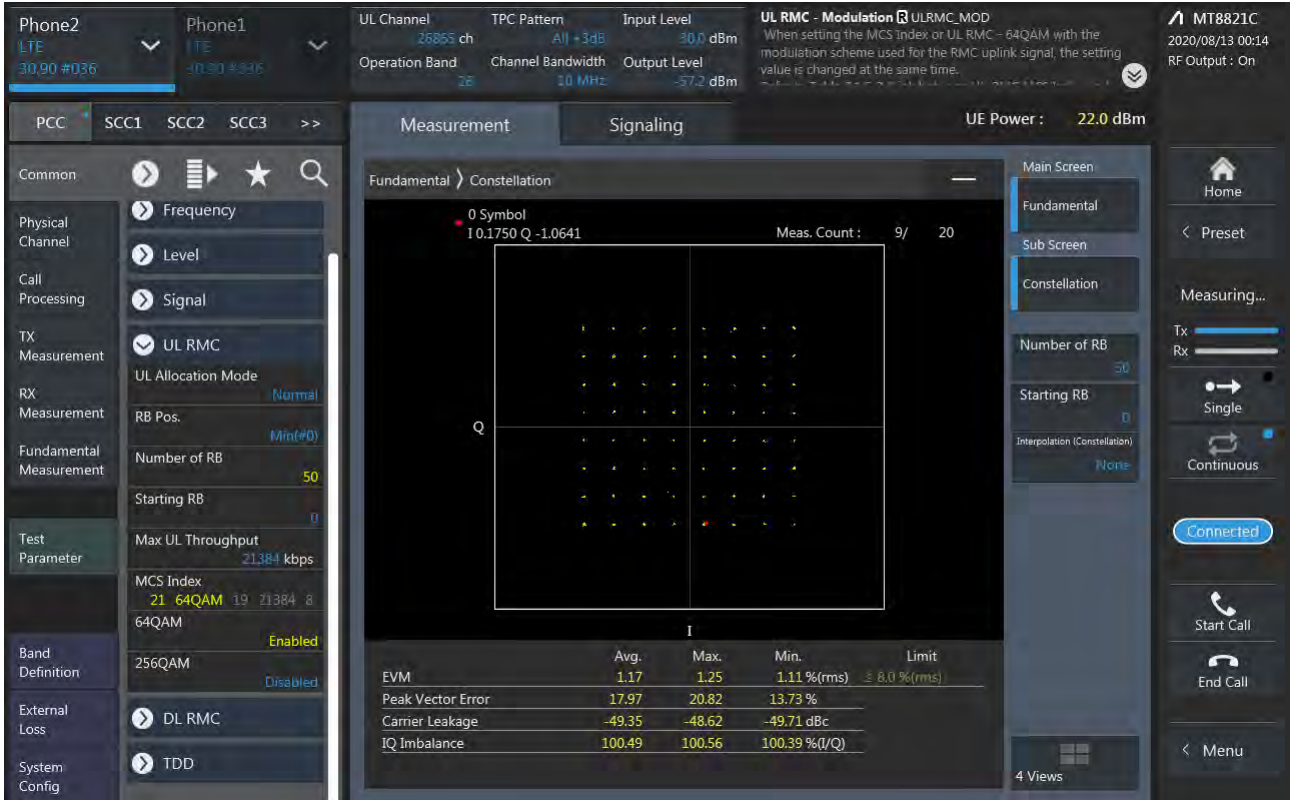


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### 3.3. Test Mode = LTE /TM3 10MHz

#### 3.3.1. Test Channel = MCH



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## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.094	1.287	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.094	1.284	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.091	1.287	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	1.097	1.290	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	1.097	1.293	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	1.094	1.296	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.088	1.284	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.091	1.284	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.088	1.275	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.697	2.988	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.691	2.982	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.697	2.994	PASS
Band26	3MHz	64QAM	26705	15RB#0	2.691	2.988	PASS
Band26	3MHz	64QAM	26740	15RB#0	2.691	2.982	PASS
Band26	3MHz	64QAM	26775	15RB#0	2.691	2.970	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.685	2.970	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.685	2.958	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.685	2.964	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.476	4.920	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.466	4.910	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.466	4.910	PASS
Band26	5MHz	64QAM	26715	25RB#0	4.476	4.910	PASS
Band26	5MHz	64QAM	26740	25RB#0	4.476	4.910	PASS
Band26	5MHz	64QAM	26765	25RB#0	4.466	4.880	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.486	4.930	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.486	4.950	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.486	4.960	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.911	9.680	PASS
Band26	10MHz	64QAM	26740	50RB#0	8.911	9.640	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.911	9.700	PASS



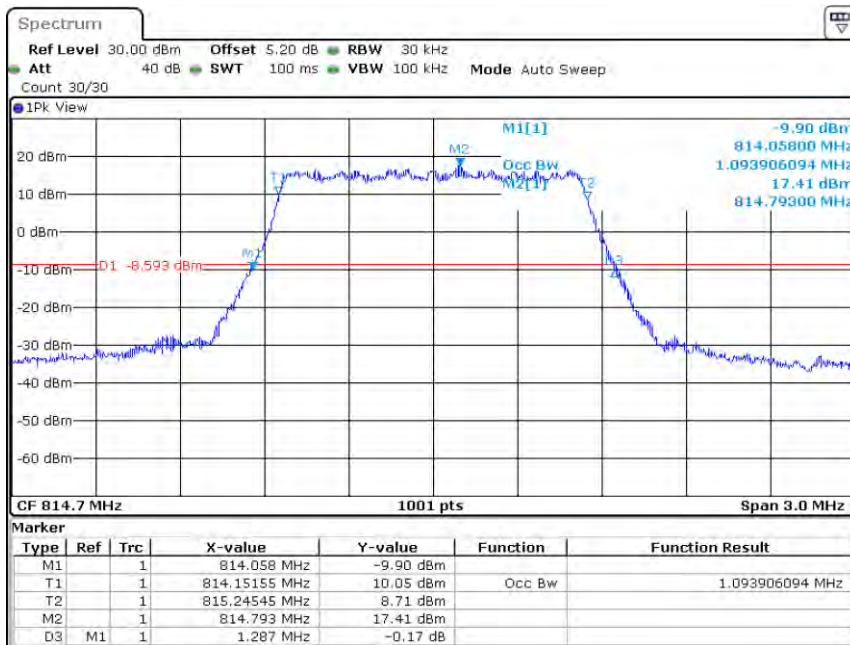
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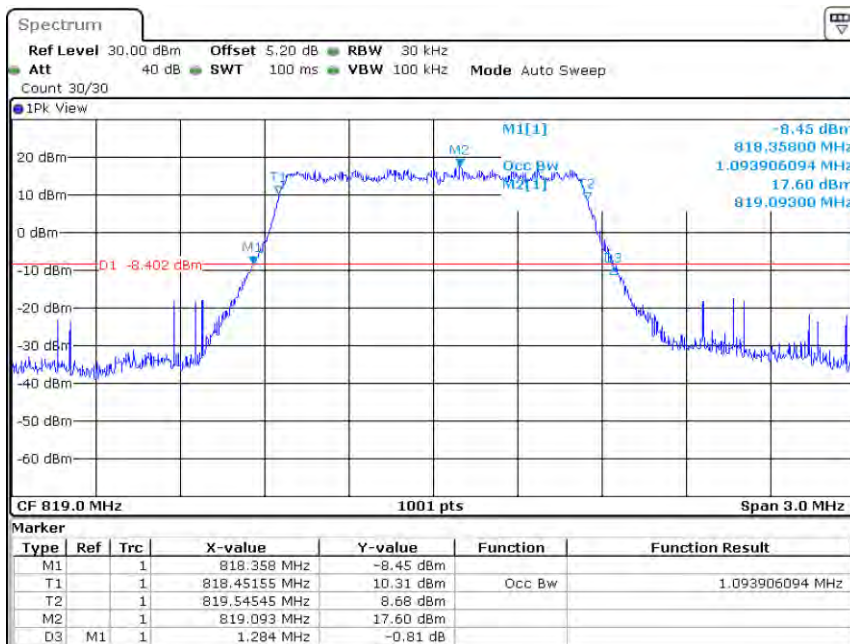
## 4.2. Test Plots

Band26-1.4MHz-QPSK-26697-6RB#0-1.094



Date: 29 JUL 2020 14:41:45

Band26-1.4MHz-QPSK-26740-6RB#0-1.094



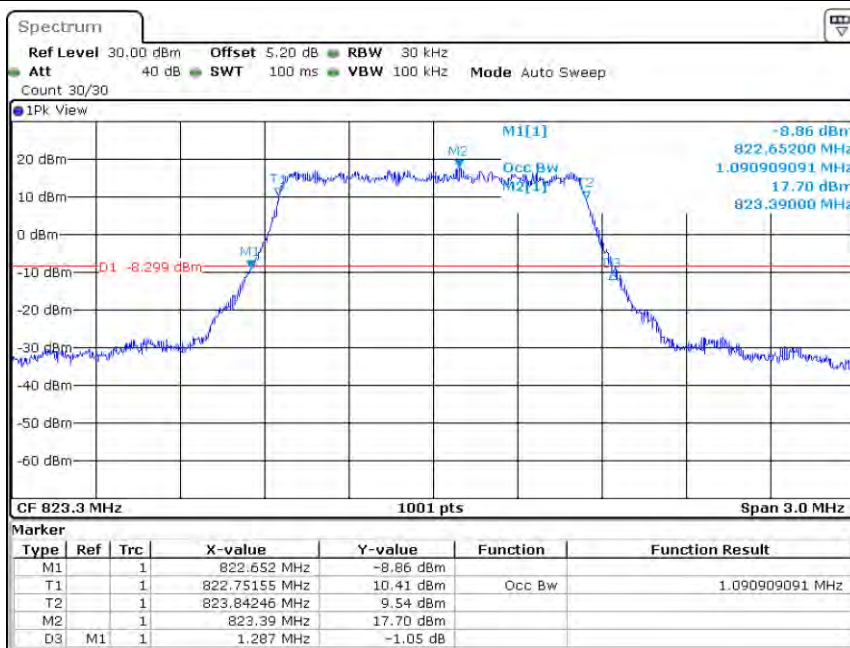
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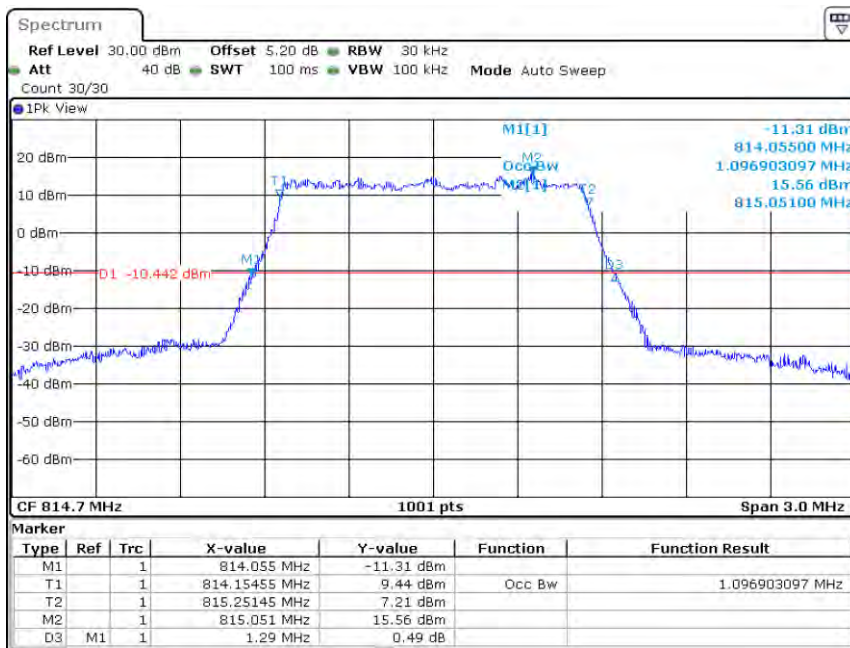


**Band26-1.4MHz-QPSK-26783-6RB#0-1.091**



Date: 29 JUL 2020 14:42:37

**Band26-1.4MHz-64QAM-26697-6RB#0-1.097**



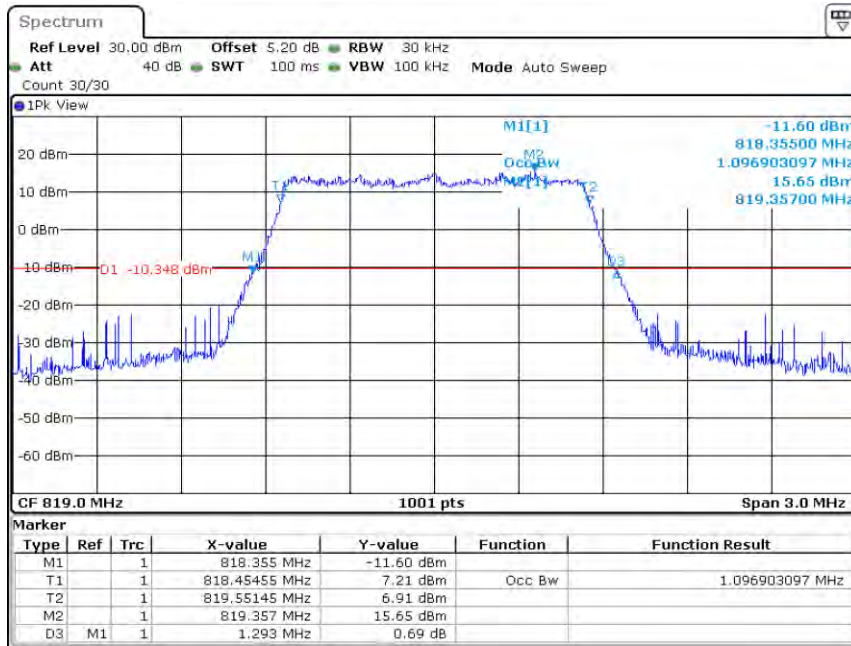
Date: 29 JUL 2020 14:51:40



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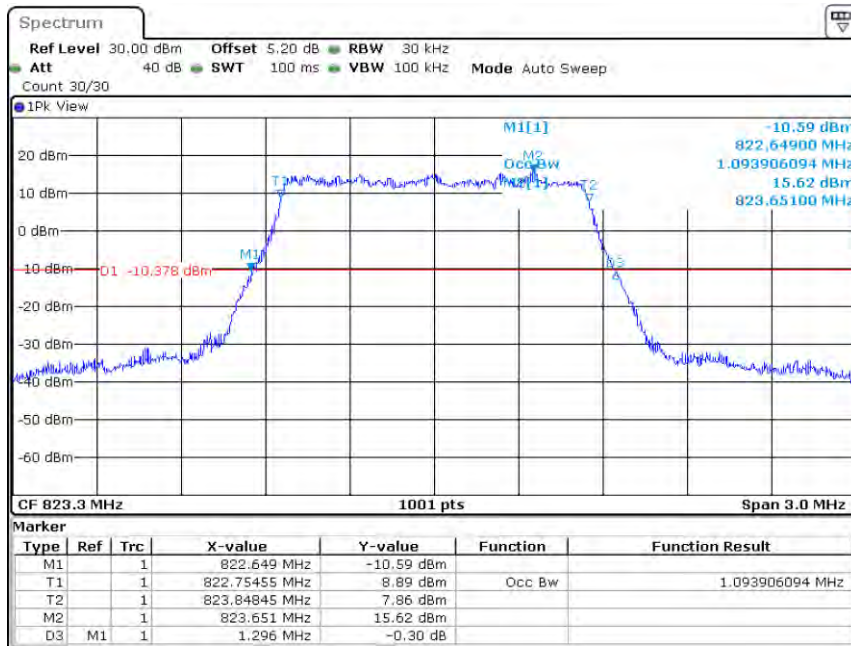


Band26-1.4MHz-64QAM-26740-6RB#0-1.097



Date: 29 JUL 2020 14:51:53

Band26-1.4MHz-64QAM-26783-6RB#0-1.094



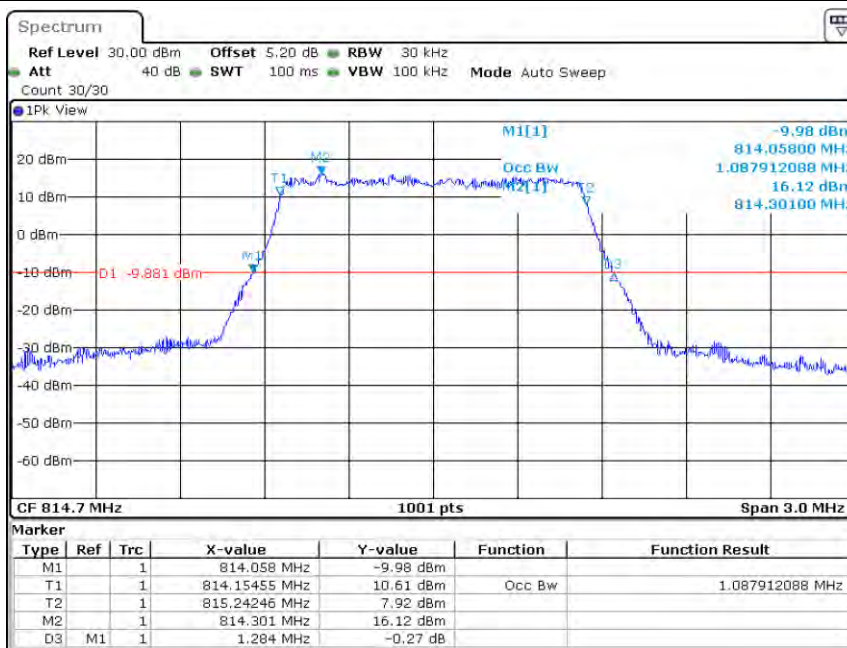
Date: 29 JUL 2020 14:52:06



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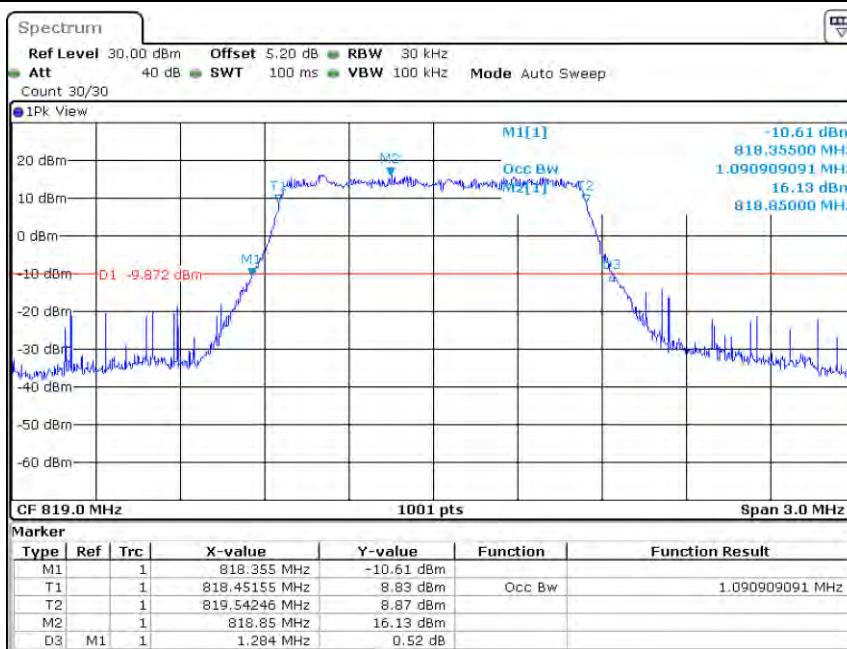


Band26-1.4MHz-16QAM-26697-6RB#0-1.088



Date: 29 JUL 2020 14:41:57

Band26-1.4MHz-16QAM-26740-6RB#0-1.091



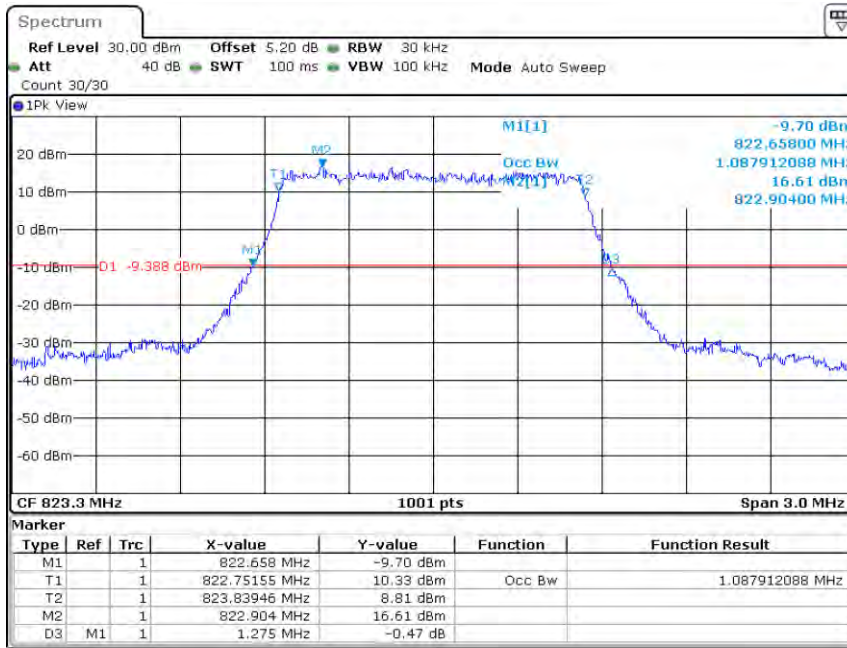
Date: 29 JUL 2020 14:42:24



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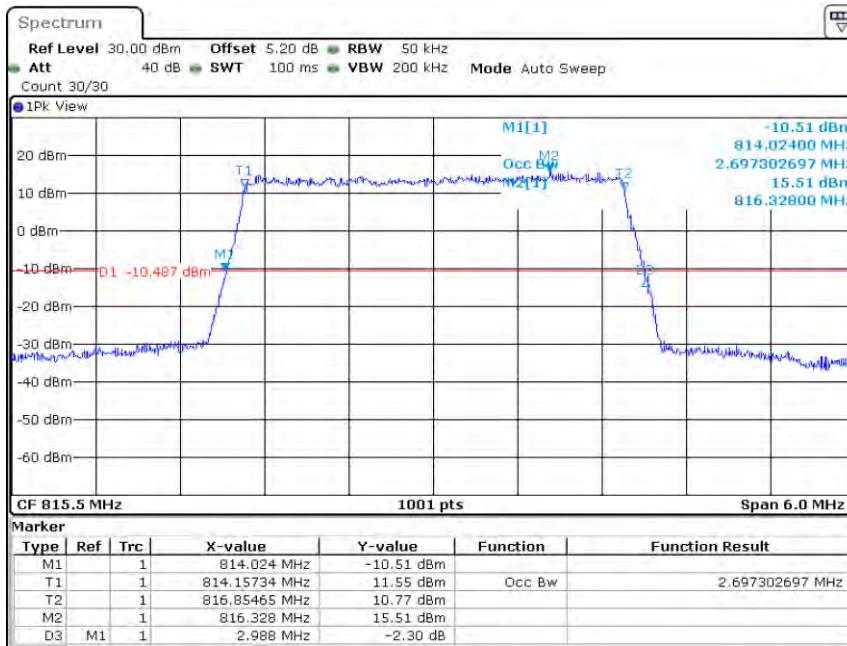


**Band26-1.4MHz-16QAM-26783-6RB#0-1.088**



Date: 29 JUL 2020 14:42:49

**Band26-3MHz-QPSK-26705-15RB#0-2.697**



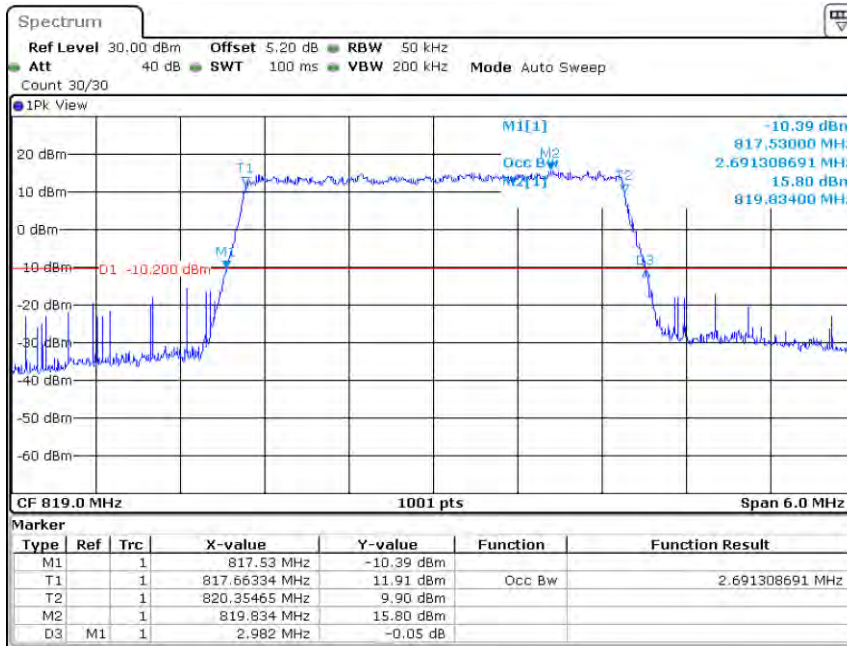
Date: 29 JUL 2020 14:43:08



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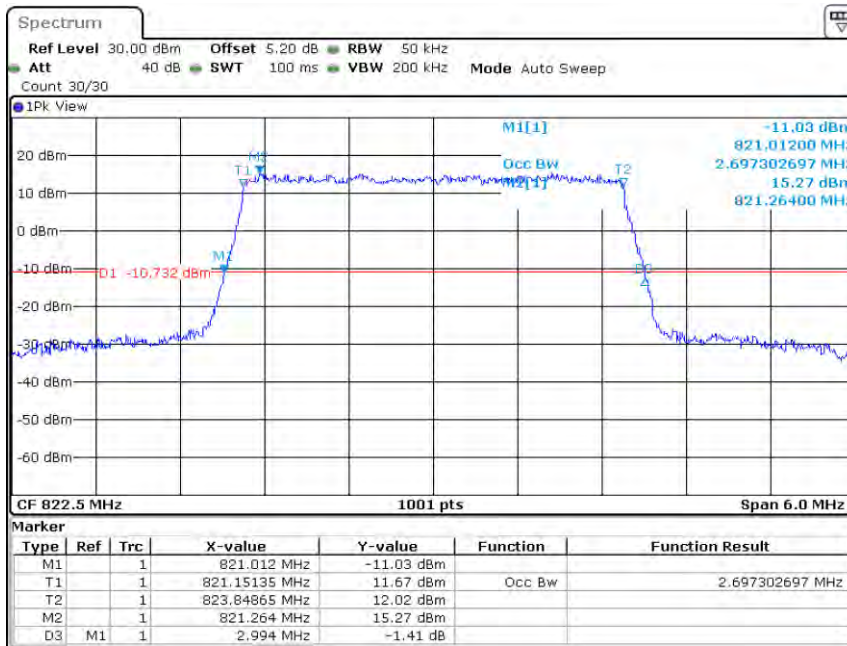


Band26-3MHz-QPSK-26740-15RB#0-2.691



Date: 29 JUL 2020 14:43:33

Band26-3MHz-QPSK-26775-15RB#0-2.697



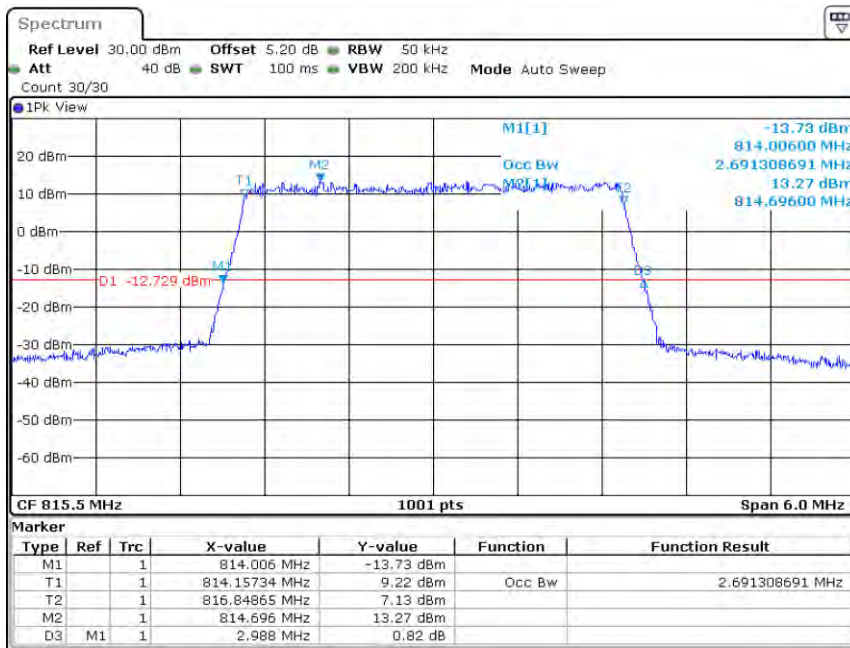
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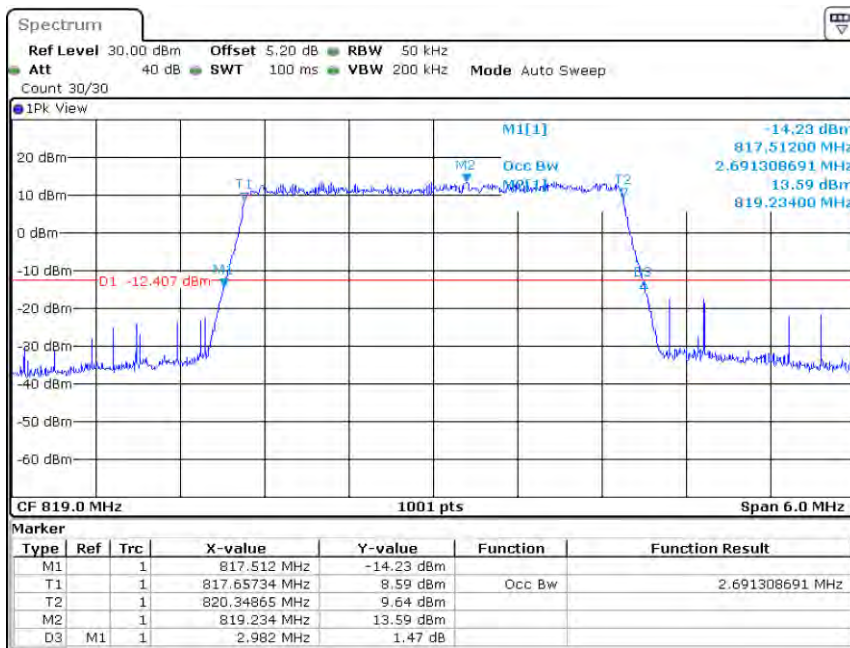


Band26-3MHz-64QAM-26705-15RB#0-2.691



Date: 29 JUL 2020 14:52:26

Band26-3MHz-64QAM-26740-15RB#0-2.691



Date: 29 JUL 2020 14:52:39



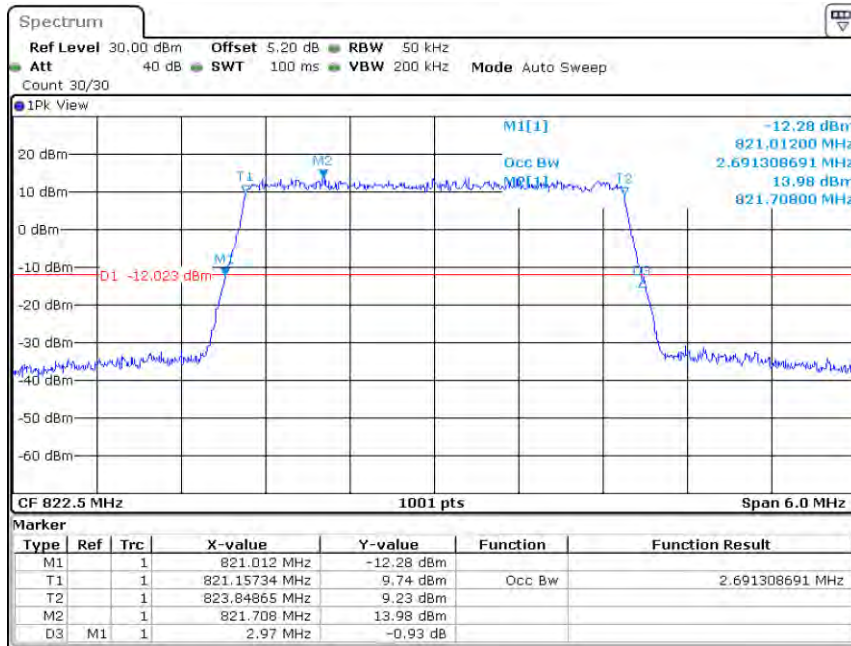
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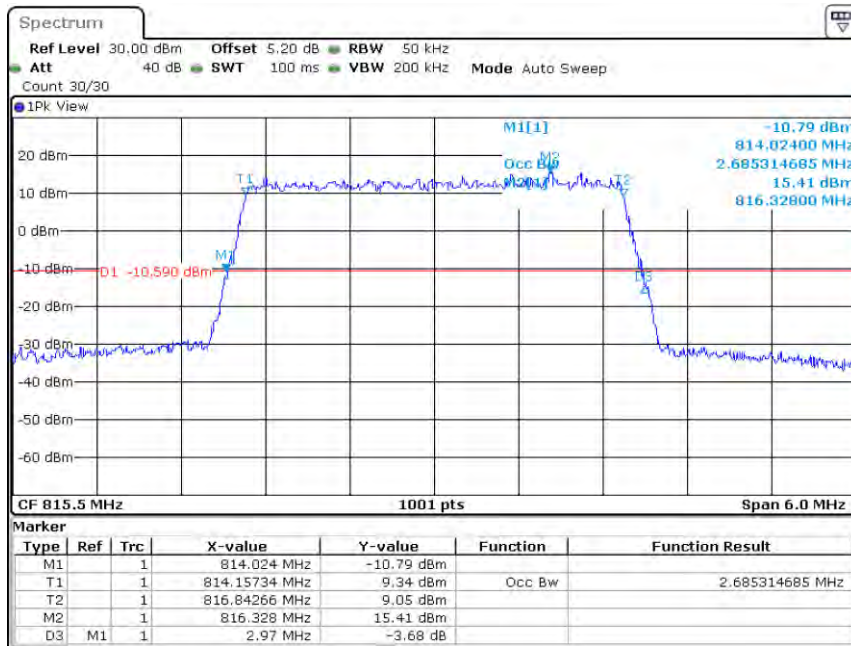


Band26-3MHz-64QAM-26775-15RB#0-2.691



Date: 29 JUL 2020 14:52:52

Band26-3MHz-16QAM-26705-15RB#0-2.685



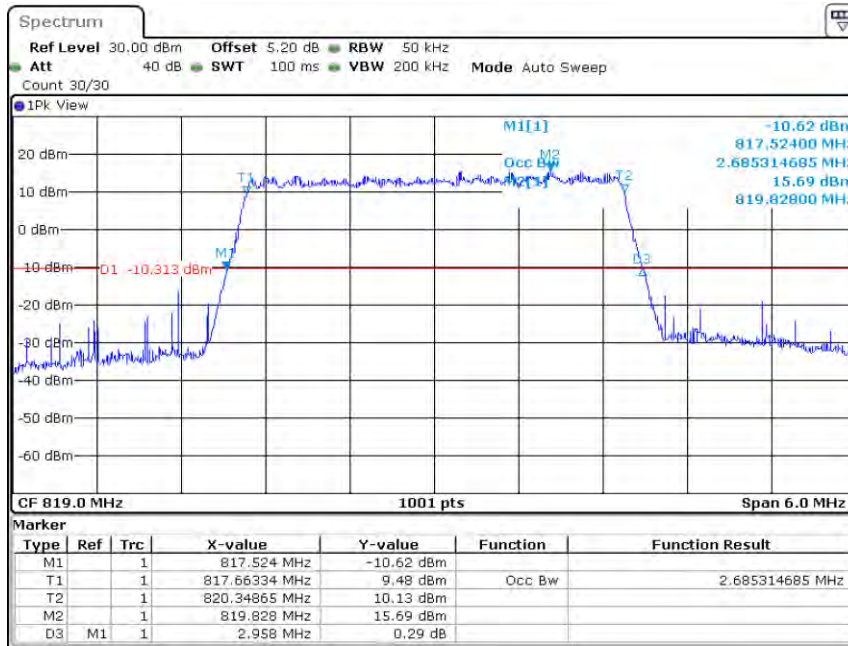
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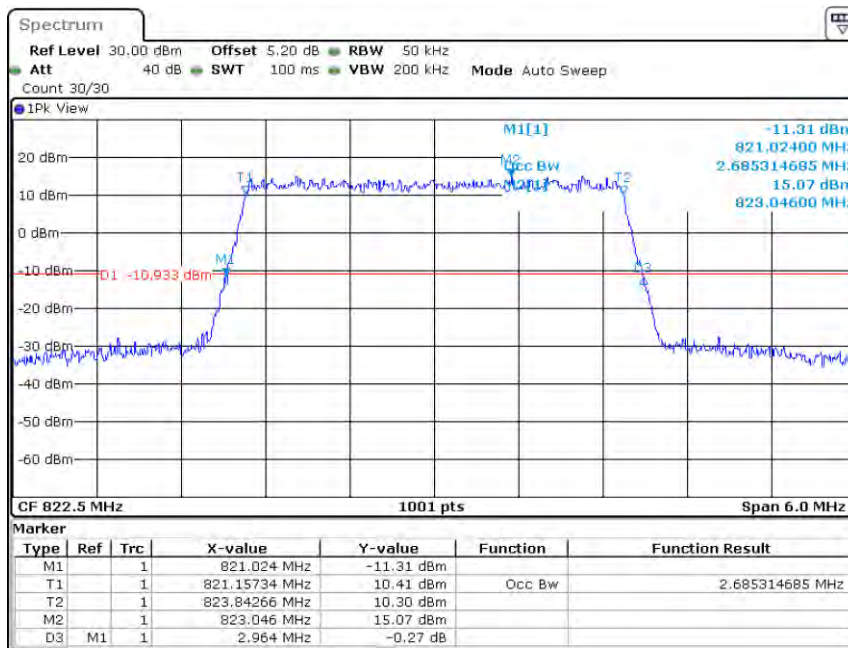


**Band26-3MHz-16QAM-26740-15RB#0-2.685**



Date: 29 JUL 2020 14:43:46

**Band26-3MHz-16QAM-26775-15RB#0-2.685**



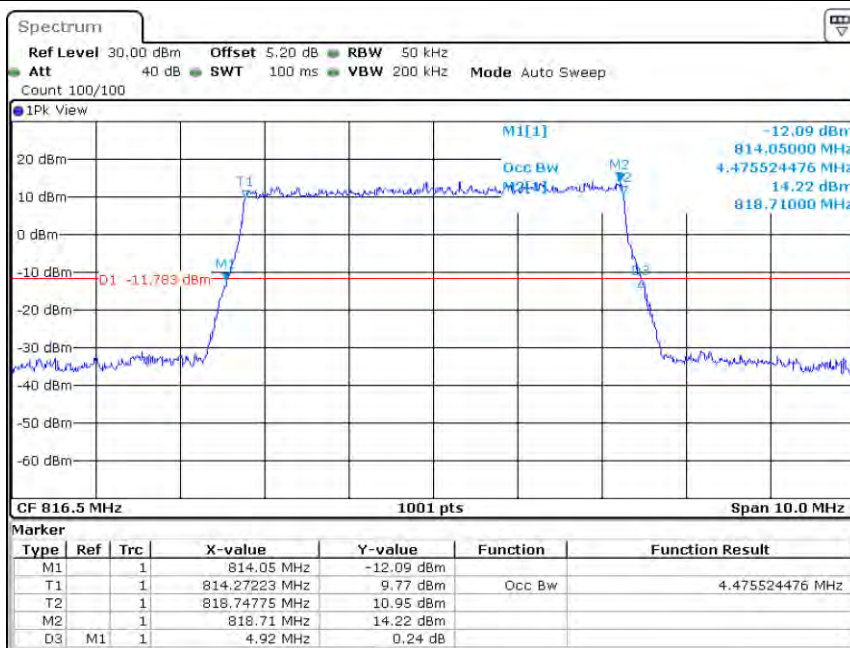
Date: 29 JUL 2020 14:44:11



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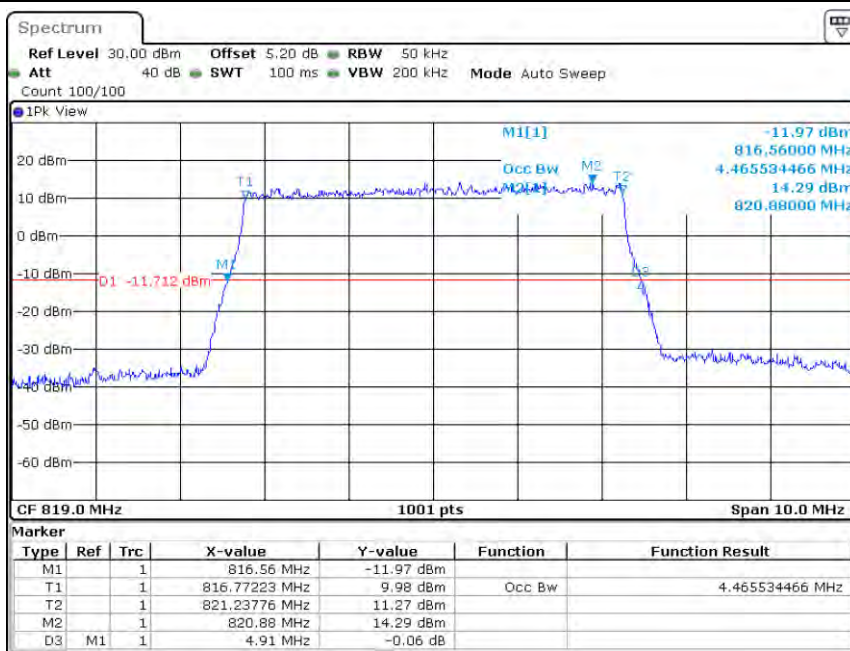


Band26-5MHz-QPSK-26715-25RB#0-4.476



Date: 29 JUL 2020 14:44:37

Band26-5MHz-QPSK-26740-25RB#0-4.466



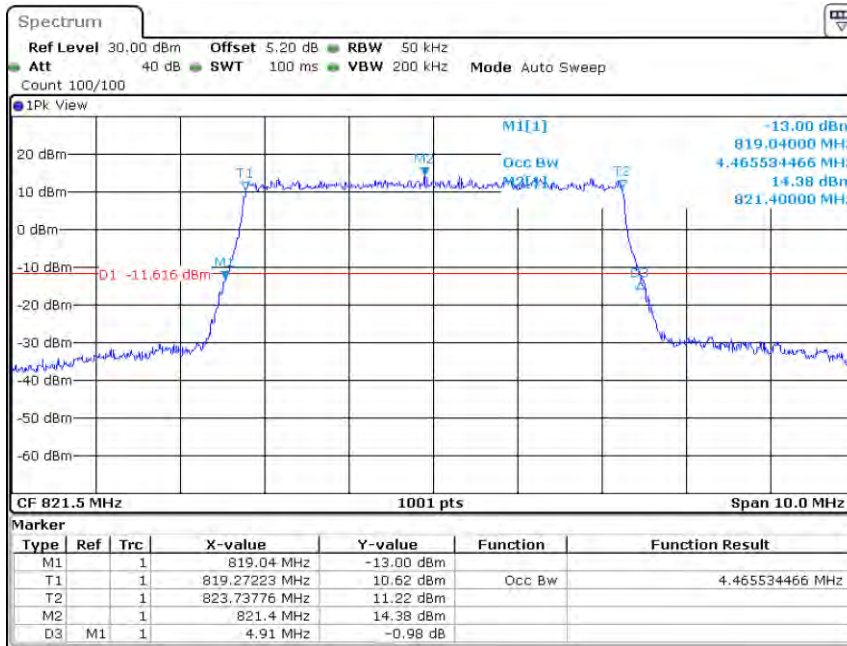
Date: 29 JUL 2020 14:45:16



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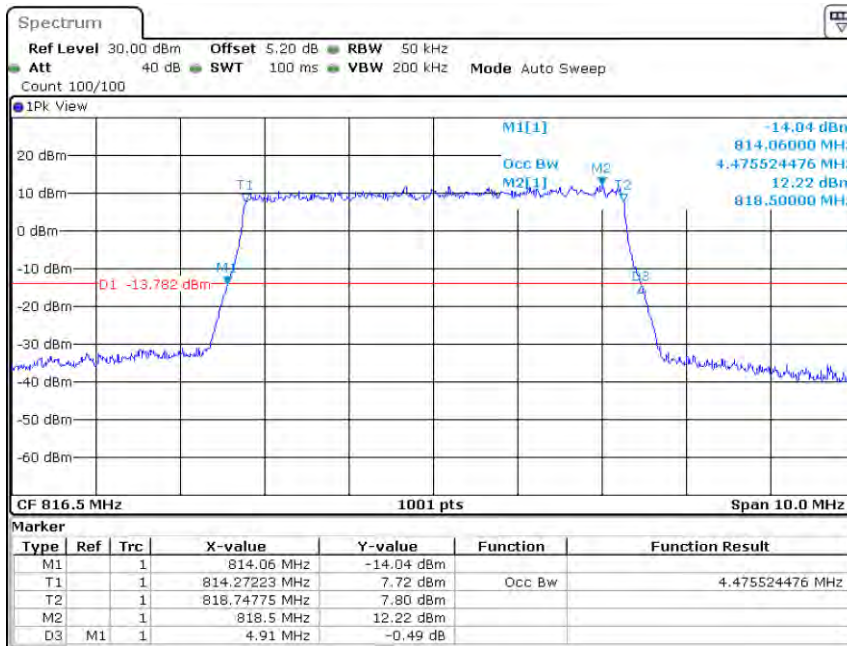


**Band26-5MHz-QPSK-26765-25RB#0-4.466**



Date: 29 JUL 2020 14:45:55

**Band26-5MHz-64QAM-26715-25RB#0-4.476**

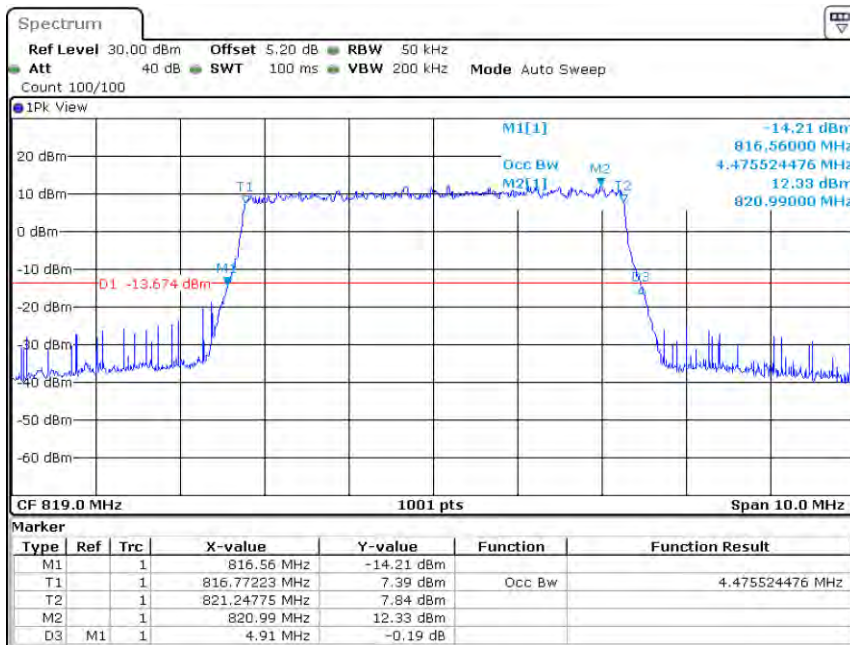


Date: 29 JUL 2020 14:53:18



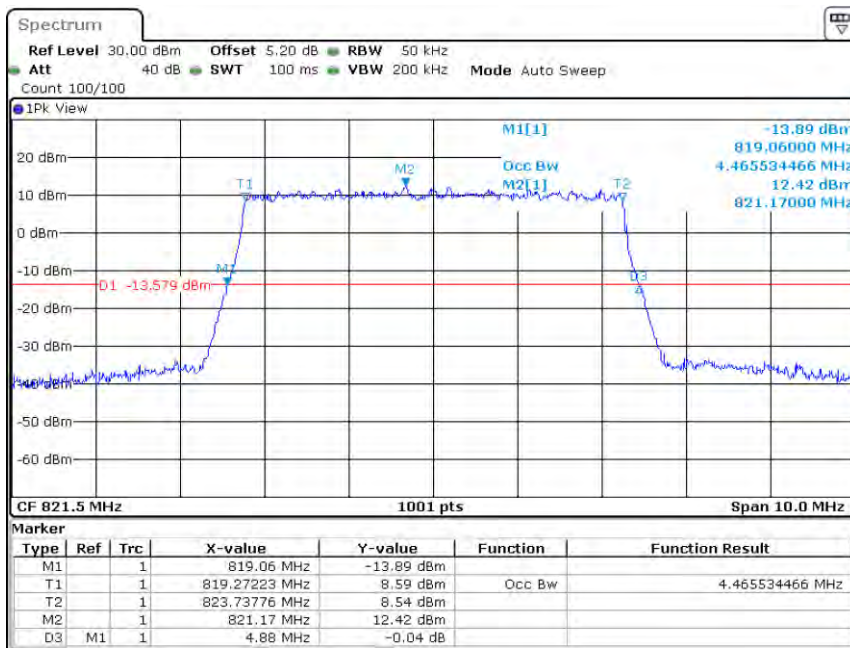
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**Band26-5MHz-64QAM-26740-25RB#0-4.476**



Date: 29 JUL 2020 14:53:38

**Band26-5MHz-64QAM-26765-25RB#0-4.466**



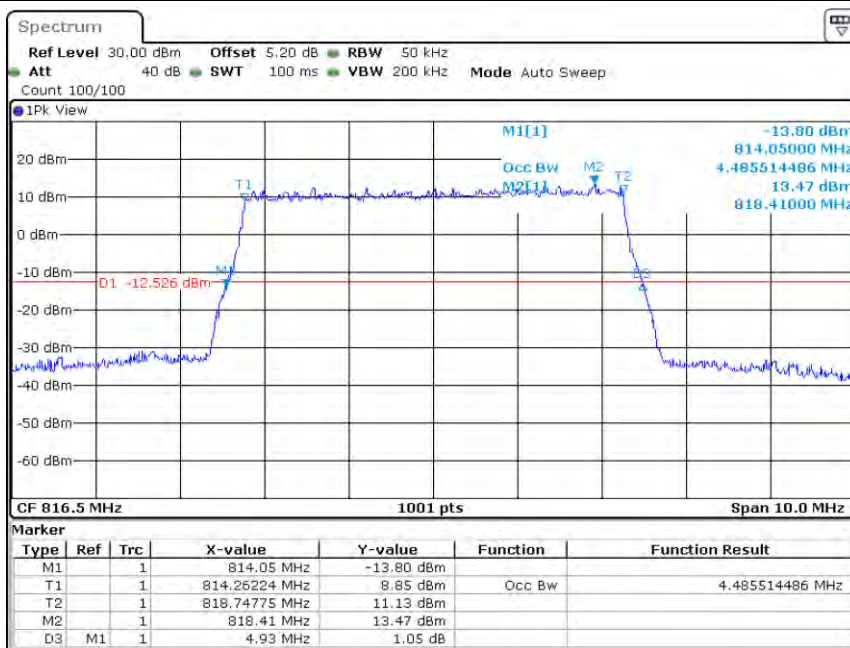
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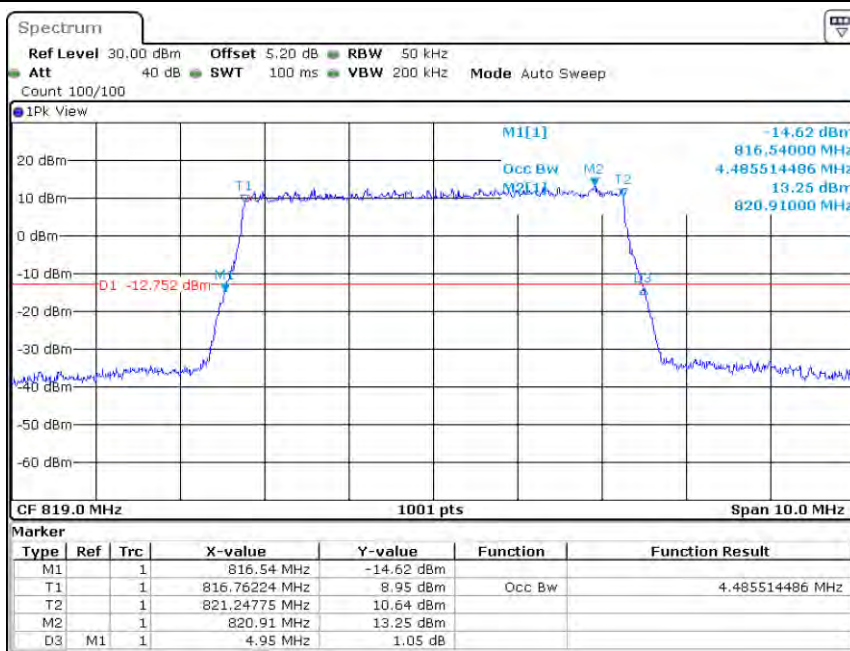


Band26-5MHz-16QAM-26715-25RB#0-4.486



Date: 29 JUL 2020 14:44:56

Band26-5MHz-16QAM-26740-25RB#0-4.486

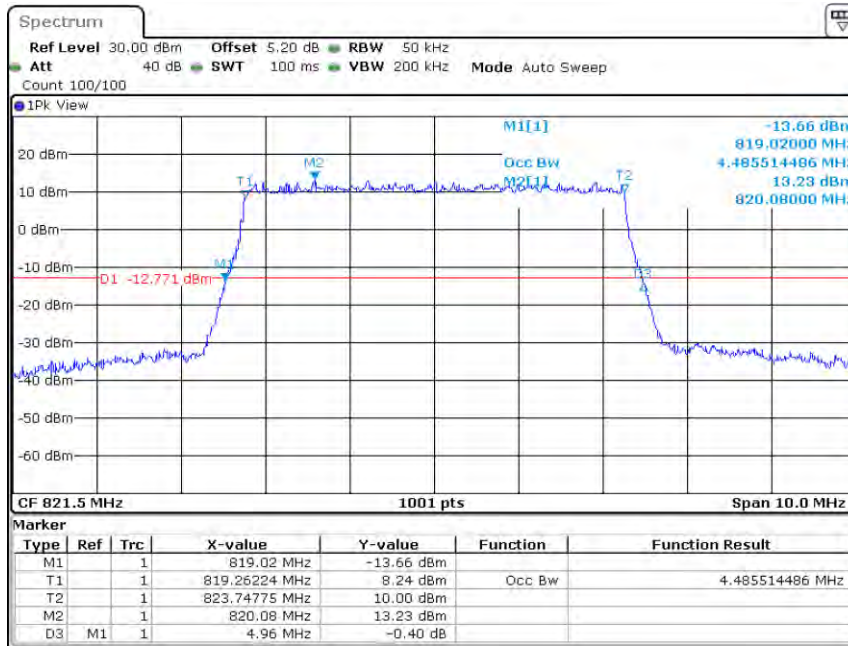


Date: 29 JUL 2020 14:45:36



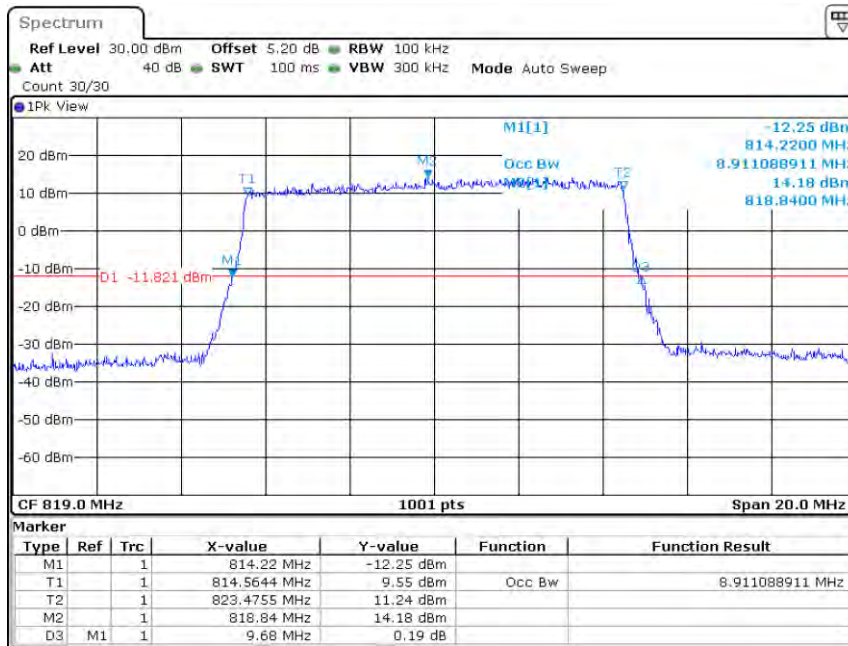
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**Band26-5MHz-16QAM-26765-25RB#0-4.486**



Date: 29 JUL 2020 14:46:15

**Band26-10MHz-QPSK-26740-50RB#0-8.911**



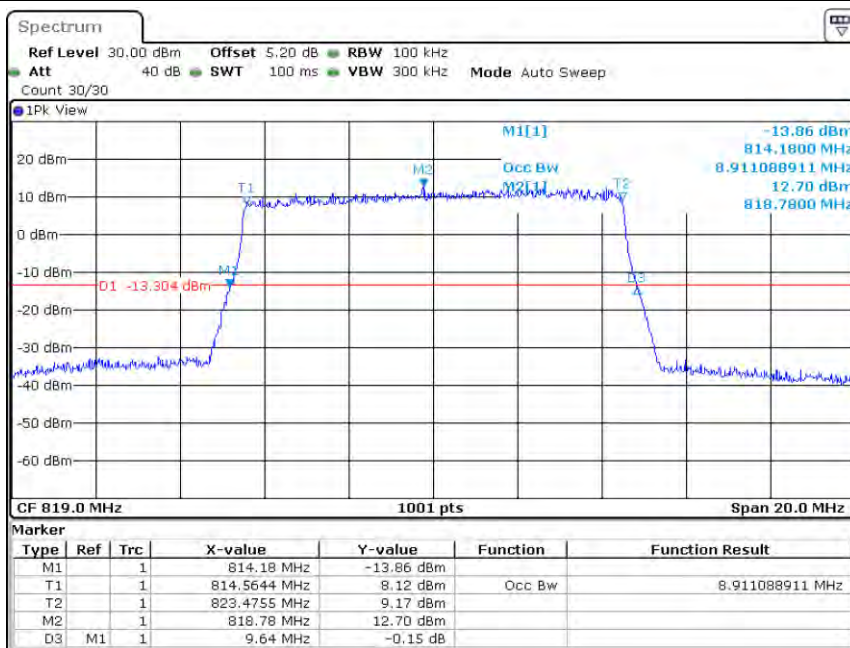
Date: 29 JUL 2020 14:46:33



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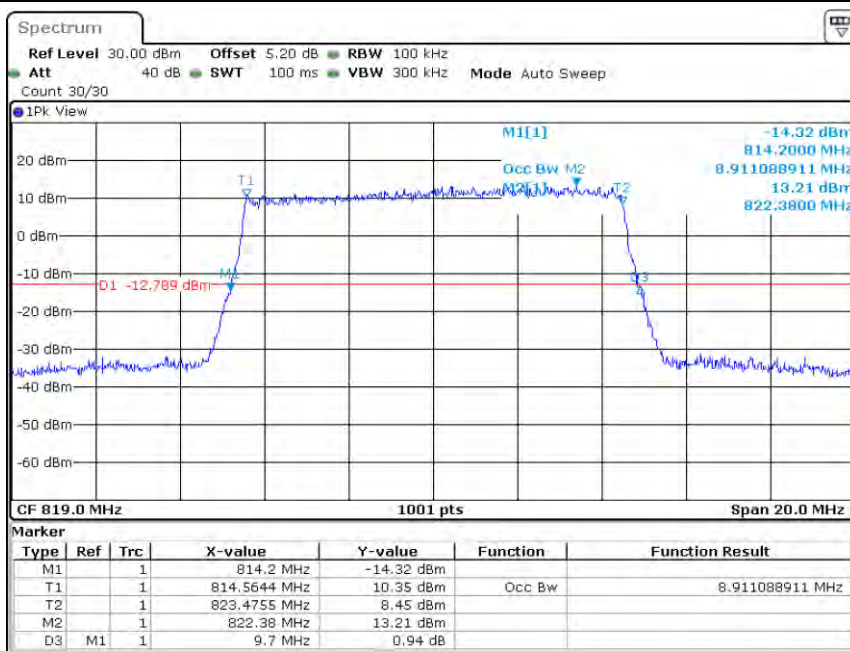


Band26-10MHz-64QAM-26740-50RB#0-8.911



Date: 29 JUL 2020 14:54:17

Band26-10MHz-16QAM-26740-50RB#0-8.911



Date: 29 JUL 2020 14:46:46

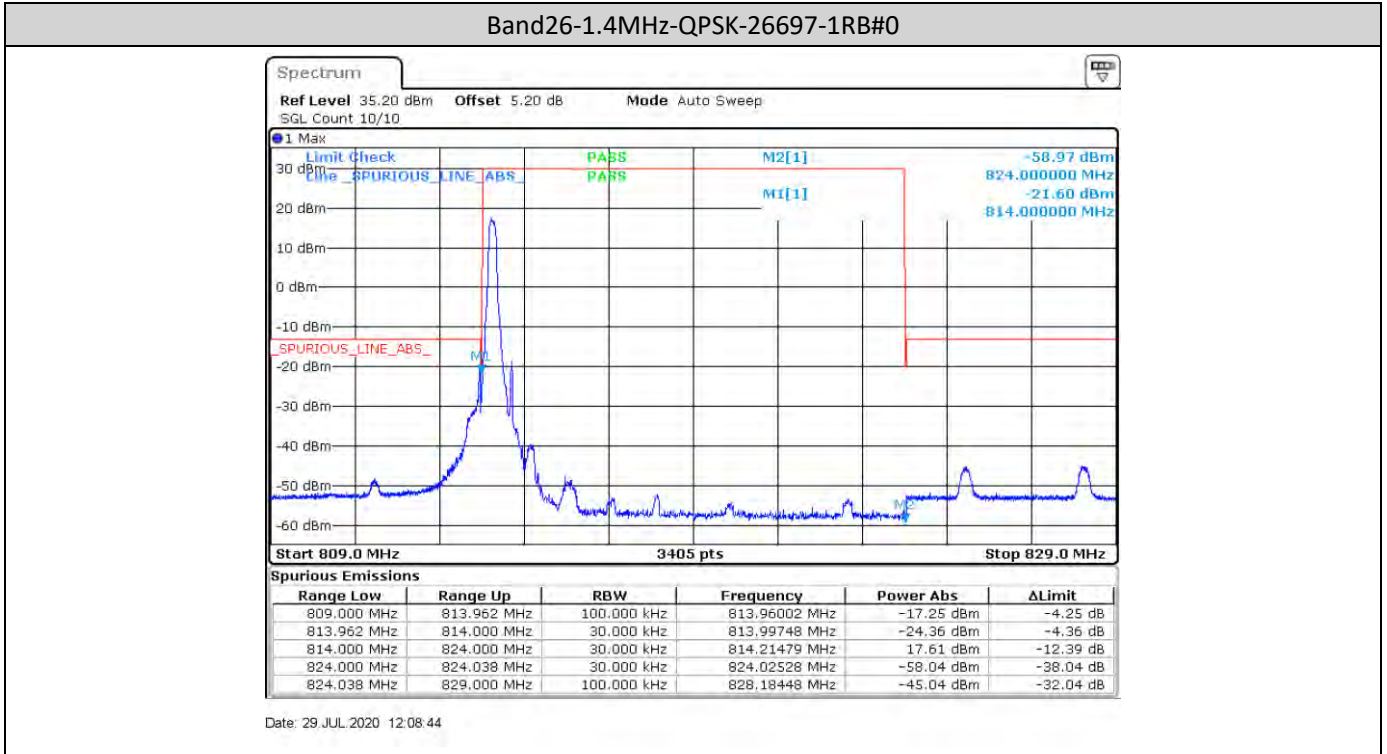


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## 5. Band Edge Compliance

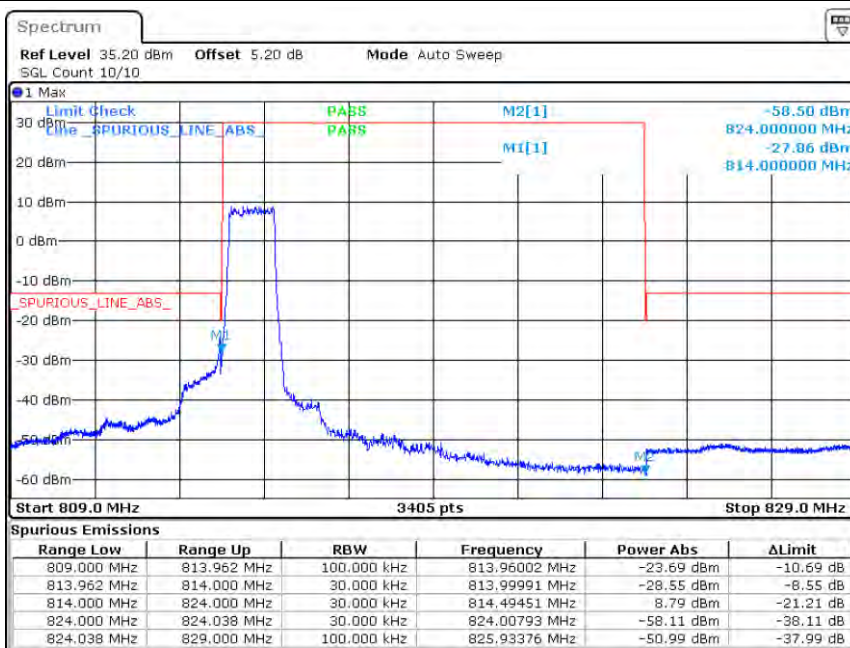
### 5.1. Test Plots



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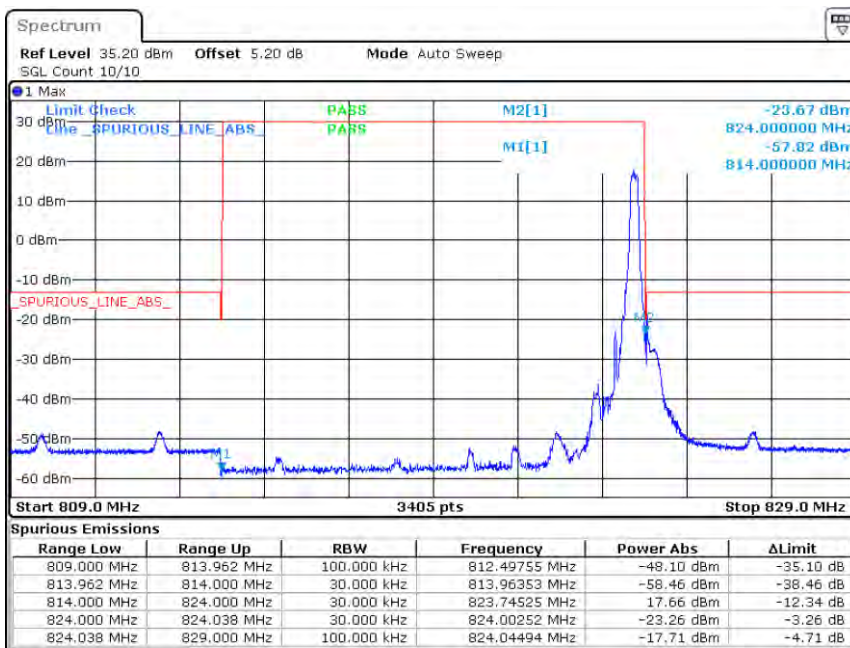


Band26-1.4MHz-QPSK-26697-6RB#0



Date: 29 JUL 2020 12:12:35

Band26-1.4MHz-QPSK-26783-1RB#5



Date: 29 JUL 2020 12:10:40



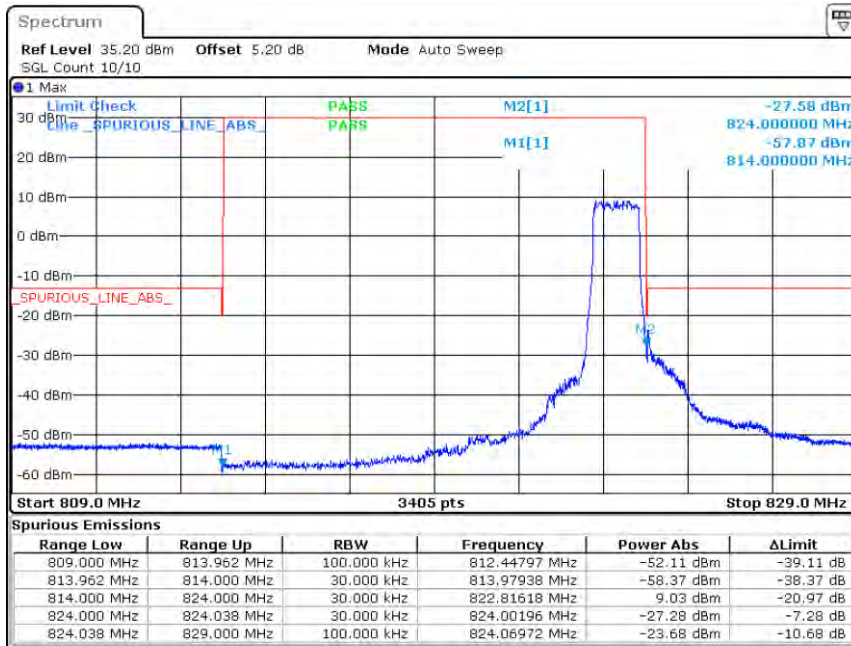
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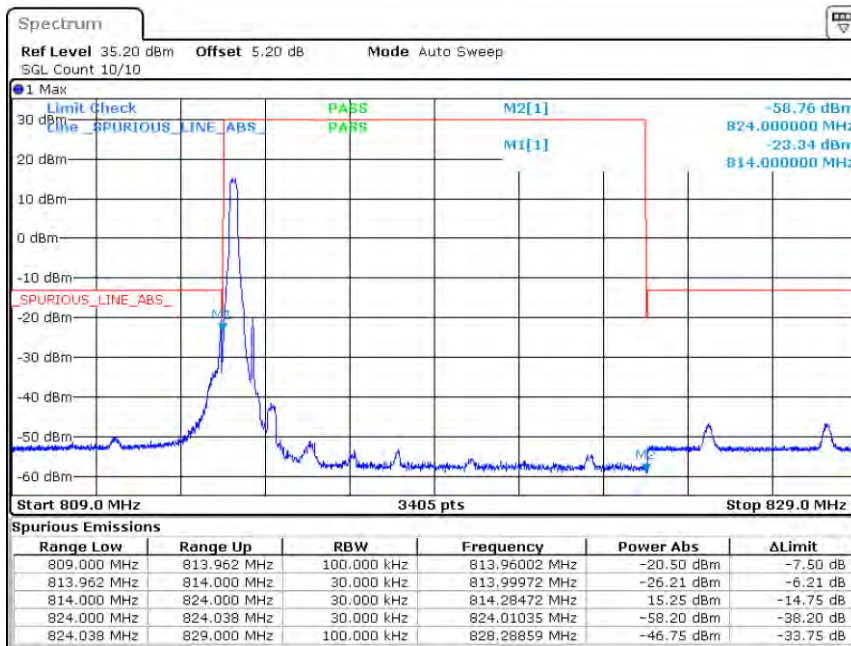


Band26-1.4MHz-QPSK-26783-6RB#0



Date: 29 JUL 2020 12:14:30

Band26-1.4MHz-64QAM-26697-1RB#0



Date: 29 JUL 2020 12:10:01



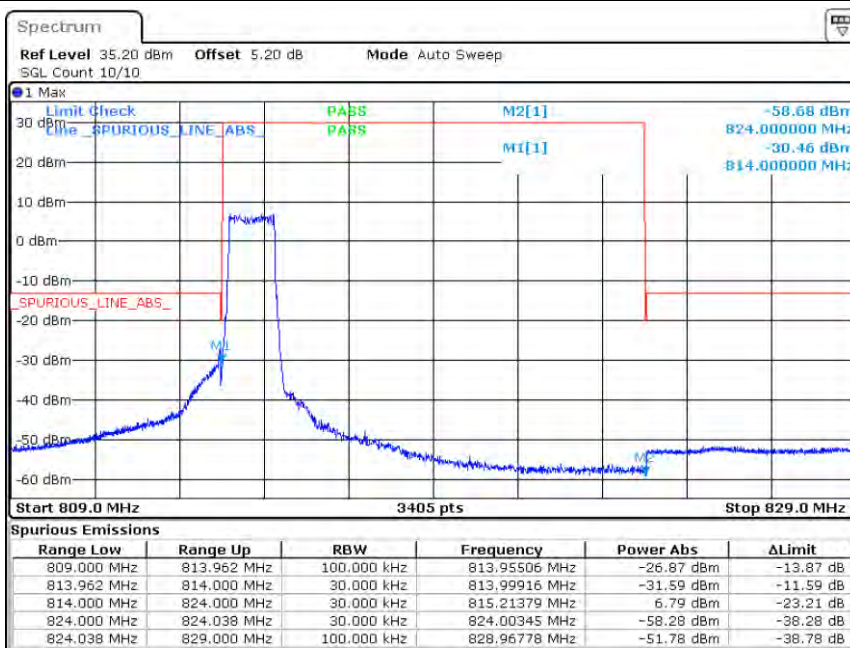
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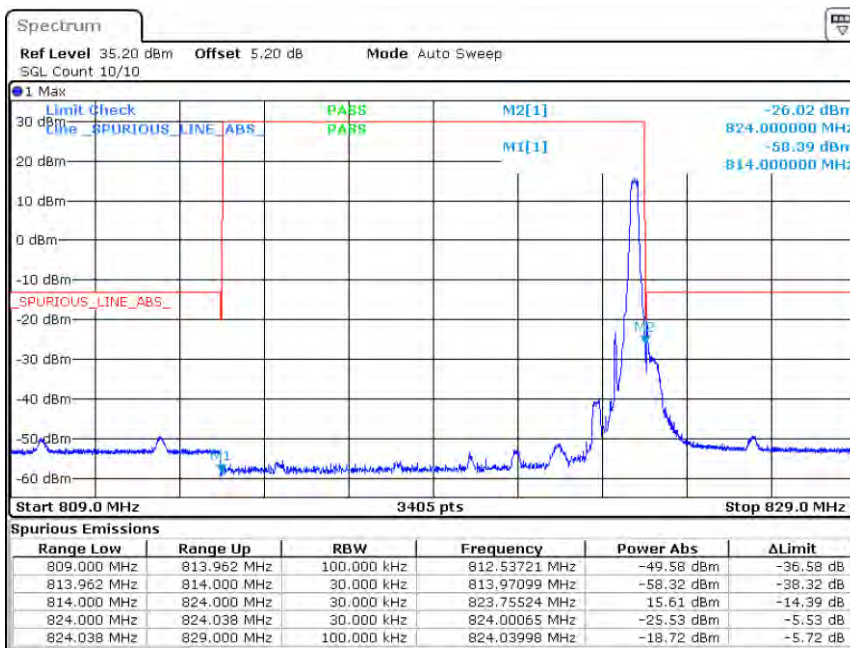


Band26-1.4MHz-64QAM-26697-6RB#0



Date: 29 JUL 2020 12:13:51

Band26-1.4MHz-64QAM-26783-1RB#5



Date: 29 JUL 2020 12:11:56



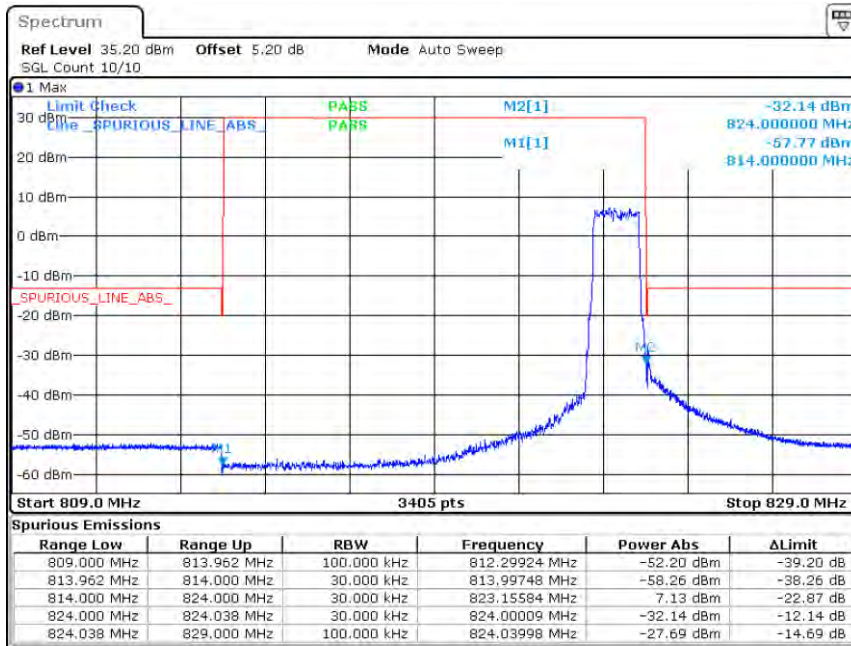
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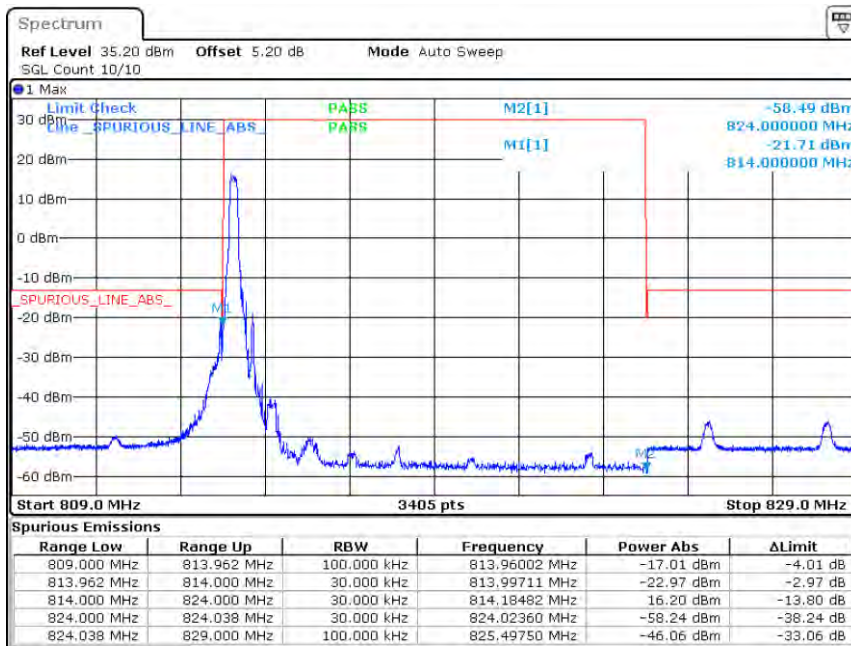


Band26-1.4MHz-64QAM-26783-6RB#0



Date: 29 JUL 2020 12:15:46

Band26-1.4MHz-16QAM-26697-1RB#0



Date: 29 JUL 2020 12:09:22



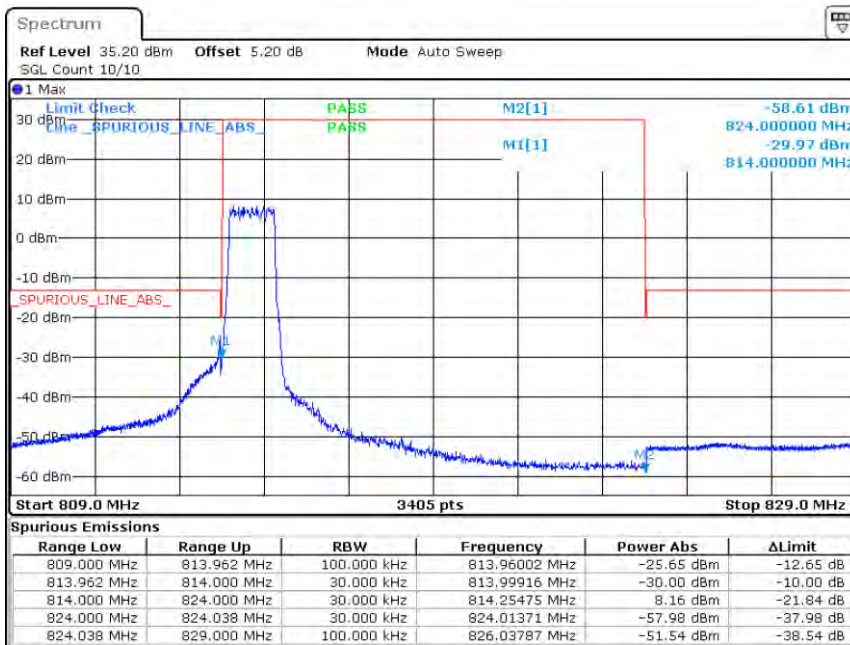
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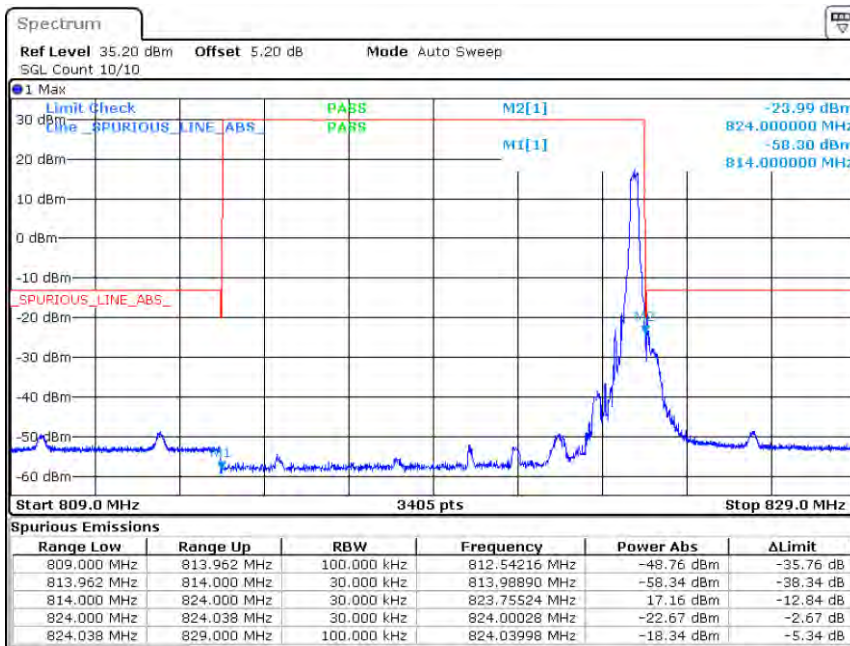


Band26-1.4MHz-16QAM-26697-6RB#0



Date: 29 JUL 2020 12:13:13

Band26-1.4MHz-16QAM-26783-1RB#5



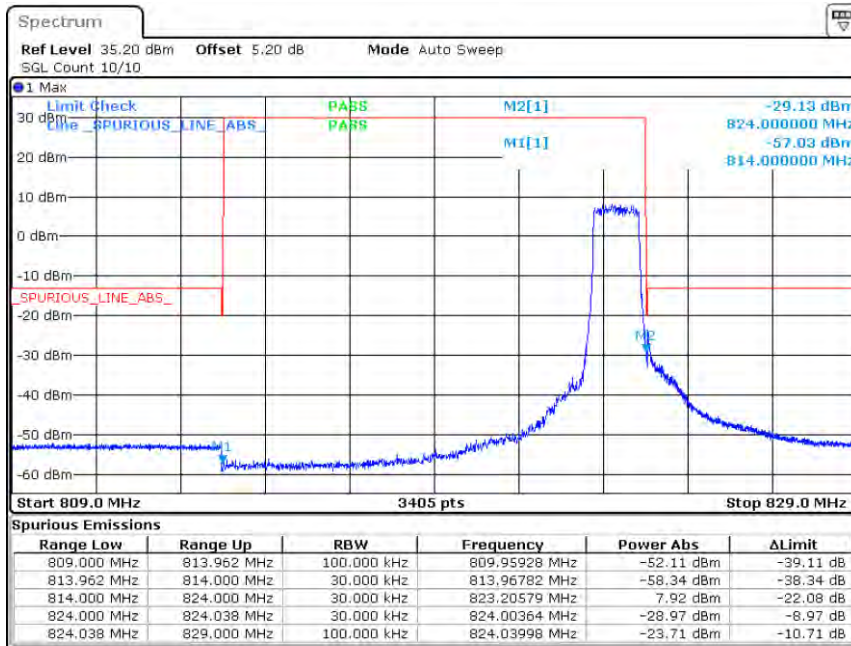
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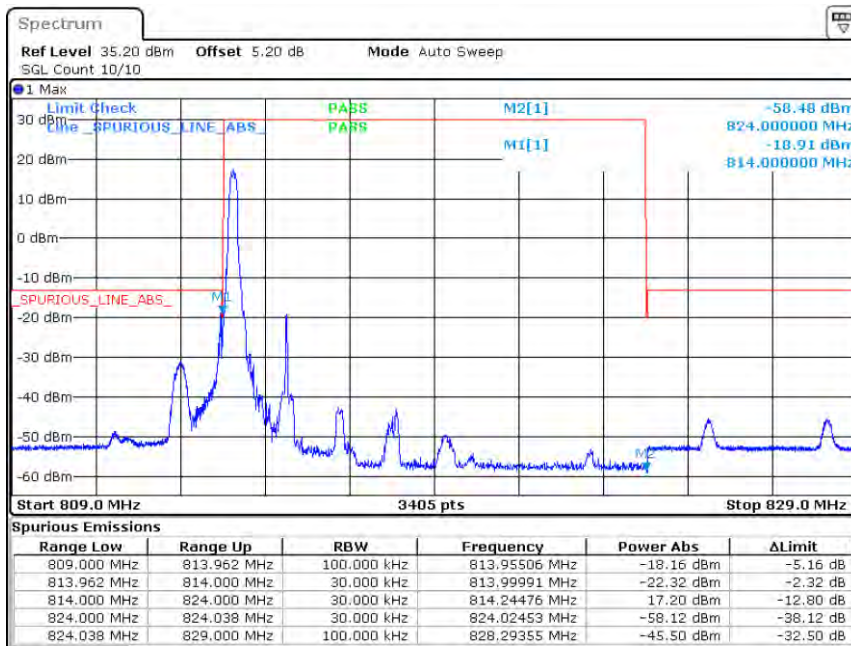


Band26-1.4MHz-16QAM-26783-6RB#0



Date: 29 JUL 2020 12:15:08

Band26-3MHz-QPSK-26705-1RB#0



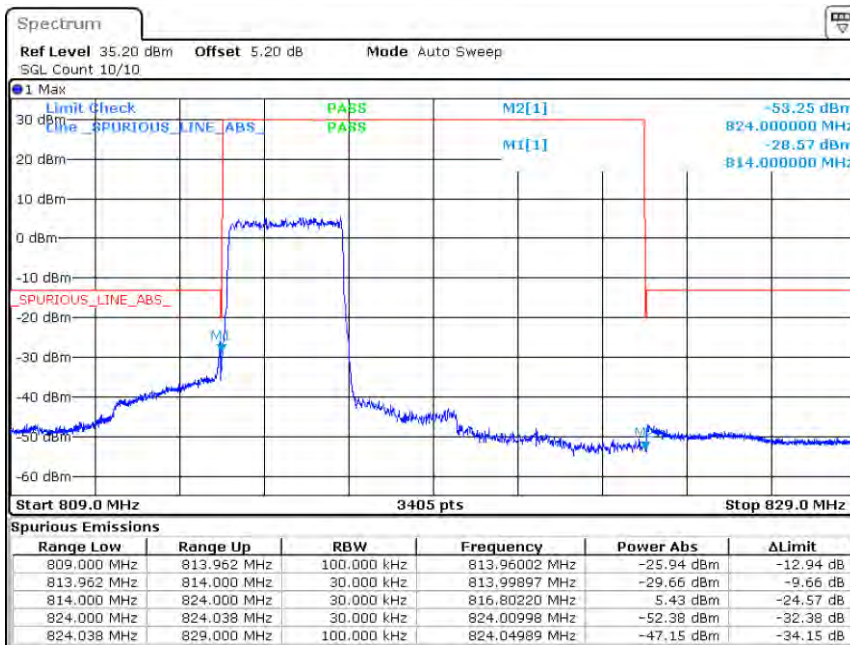
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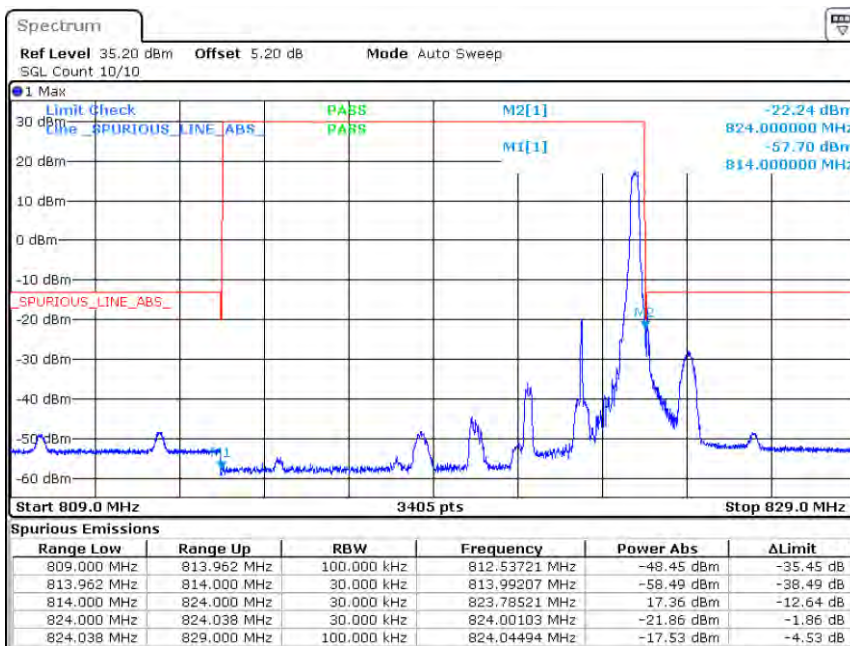


Band26-3MHz-QPSK-26705-15RB#0



Date: 29 JUL 2020 12:20:17

Band26-3MHz-QPSK-26775-1RB#14



Date: 29 JUL 2020 12:18:22



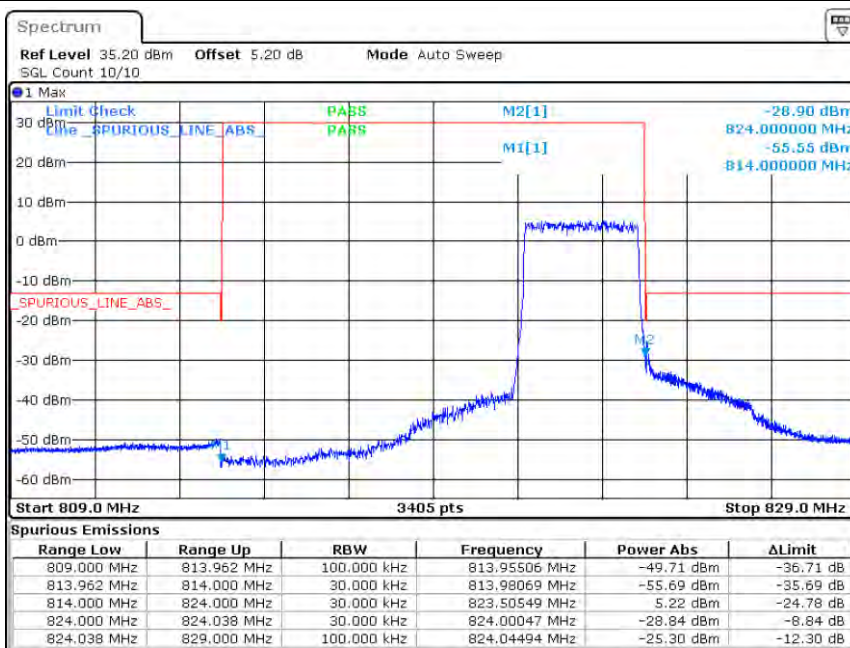
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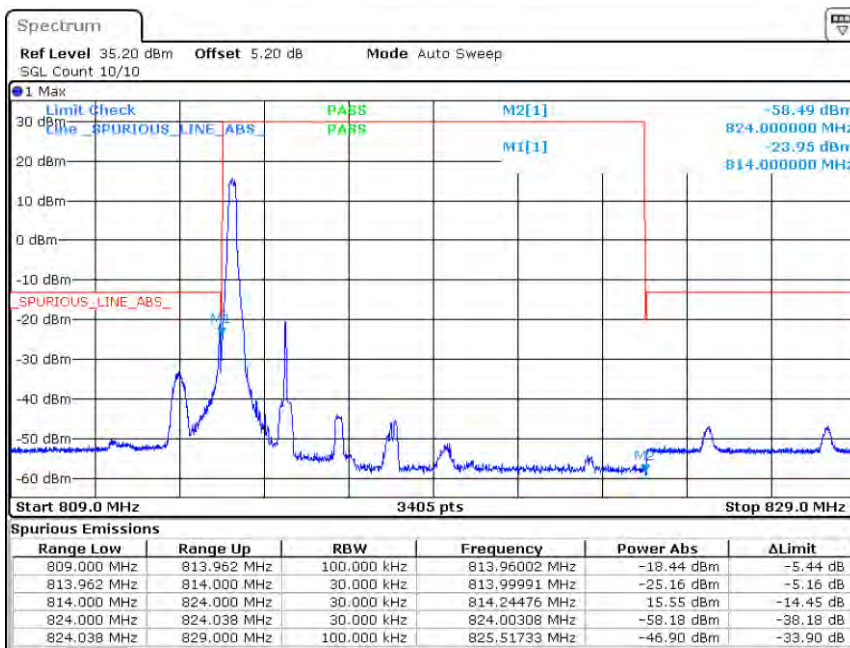


Band26-3MHz-QPSK-26775-15RB#0



Date: 29 JUL 2020 12:22:12

Band26-3MHz-64QAM-26705-1RB#0



Date: 29 JUL 2020 12:17:43



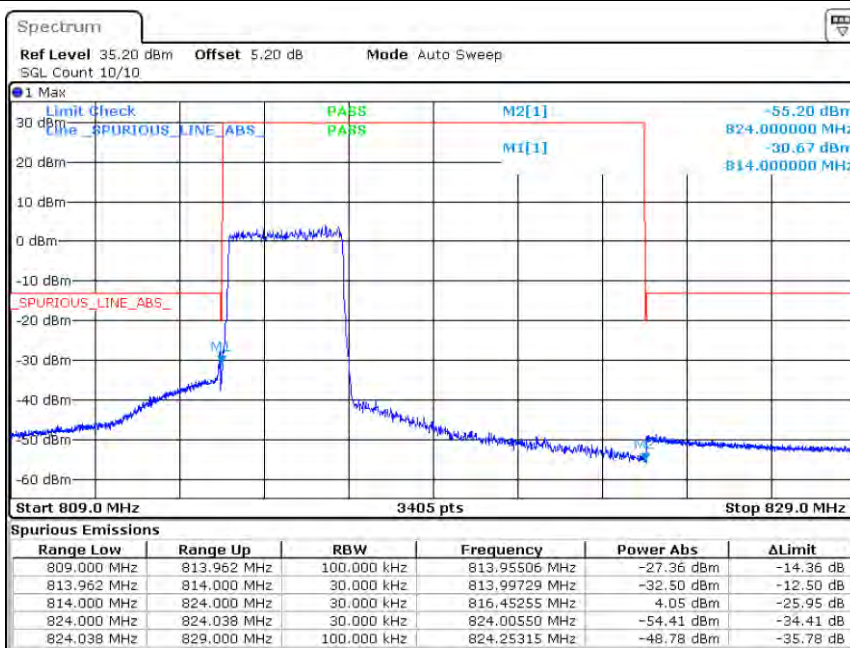
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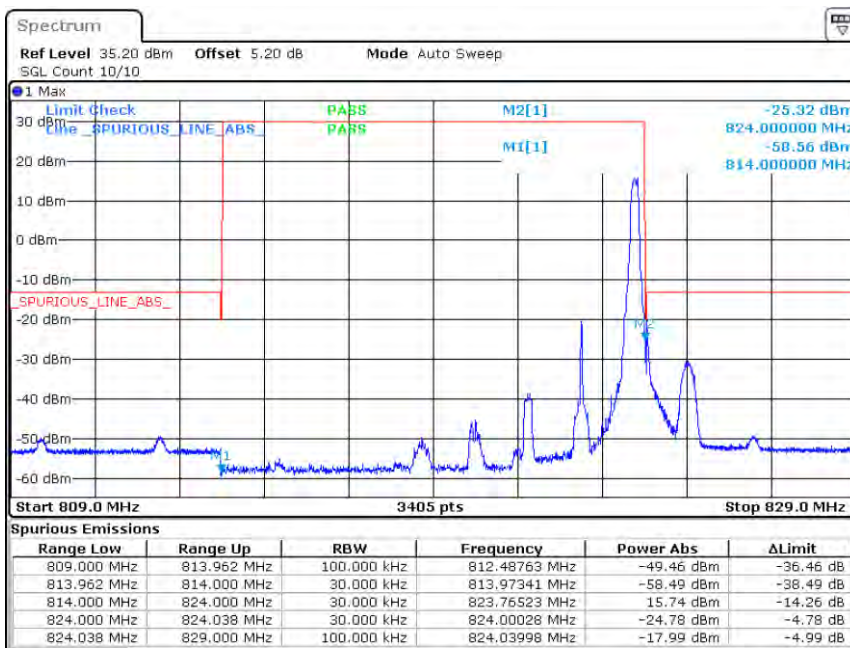


Band26-3MHz-64QAM-26705-15RB#0



Date: 29 JUL 2020 12:21:33

Band26-3MHz-64QAM-26775-1RB#14



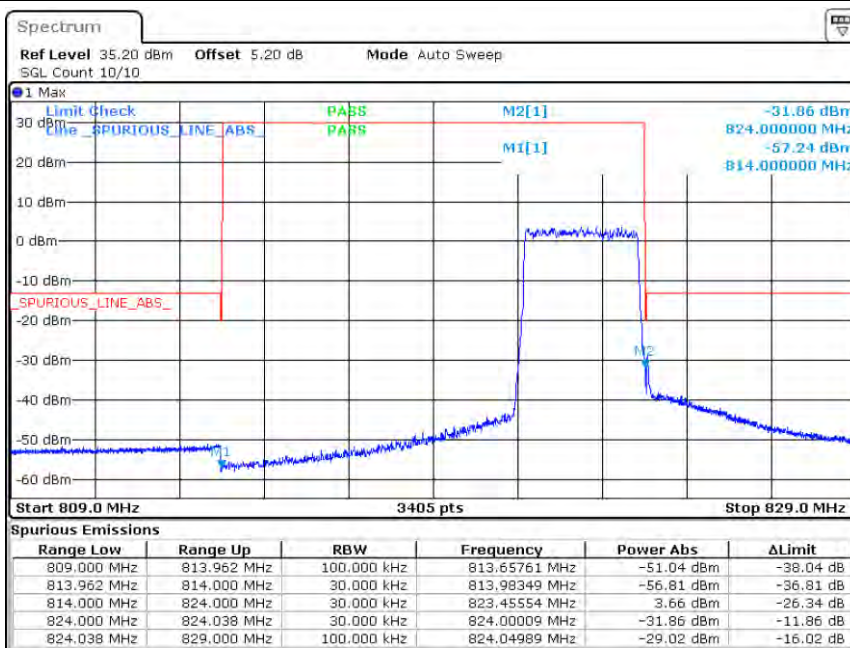
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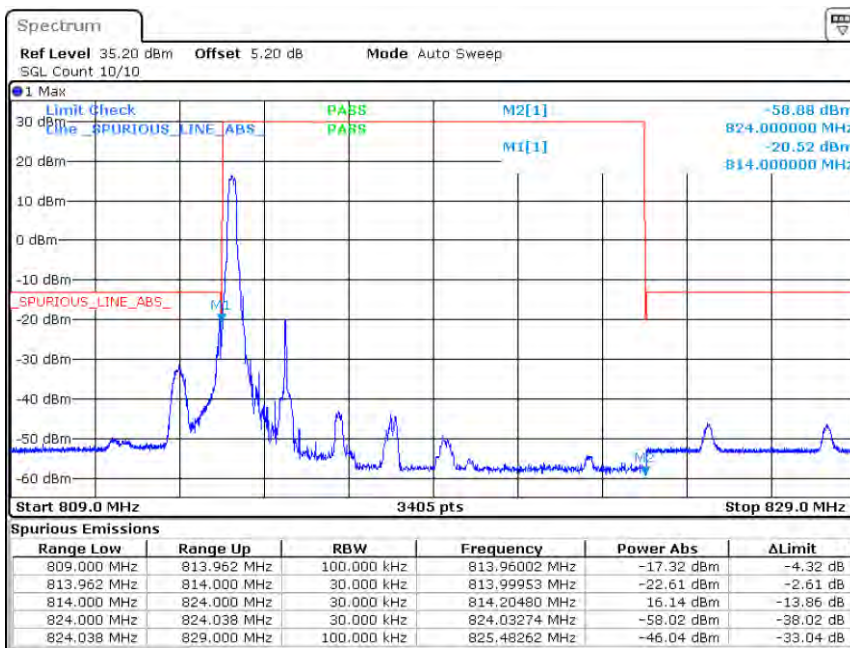


Band26-3MHz-64QAM-26775-15RB#0



Date: 29 JUL 2020 12:23:28

Band26-3MHz-16QAM-26705-1RB#0



Date: 29 JUL 2020 12:17:05



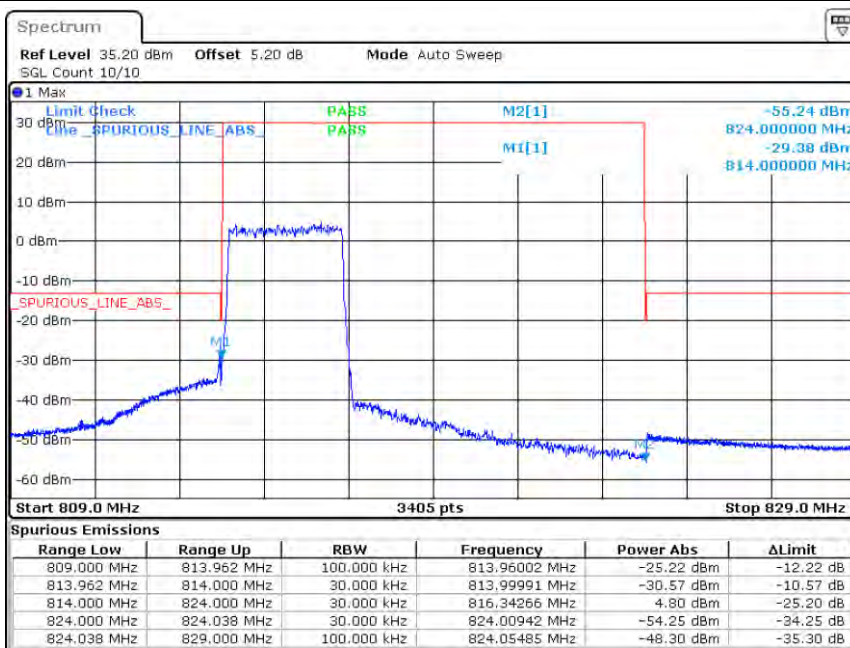
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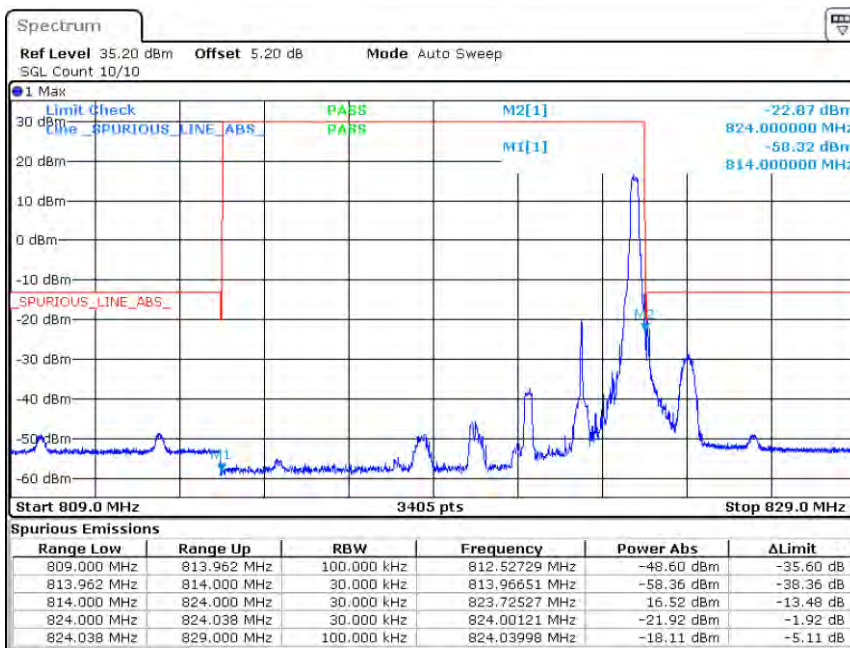


Band26-3MHz-16QAM-26705-15RB#0



Date: 29 JUL 2020 12:20:55

Band26-3MHz-16QAM-26775-1RB#14



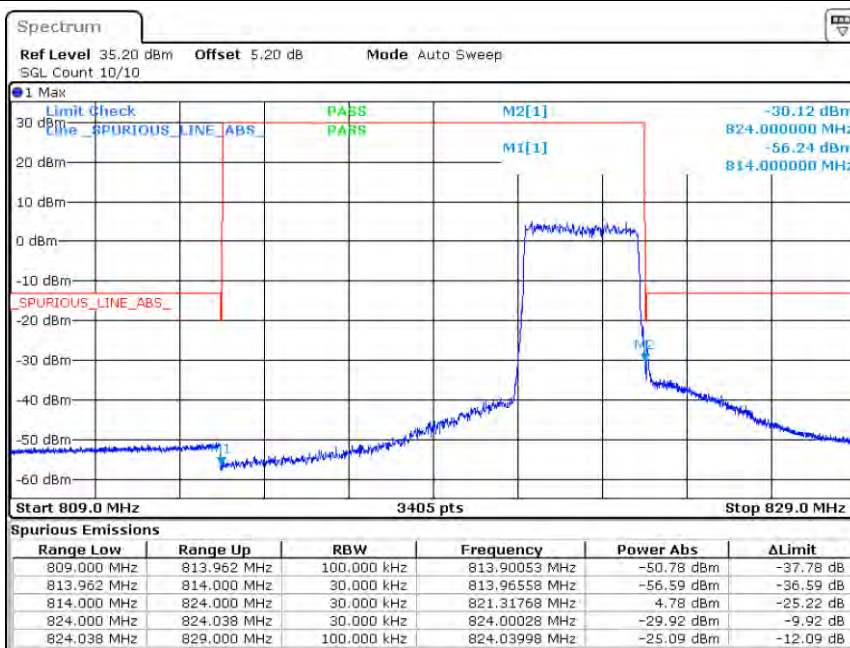
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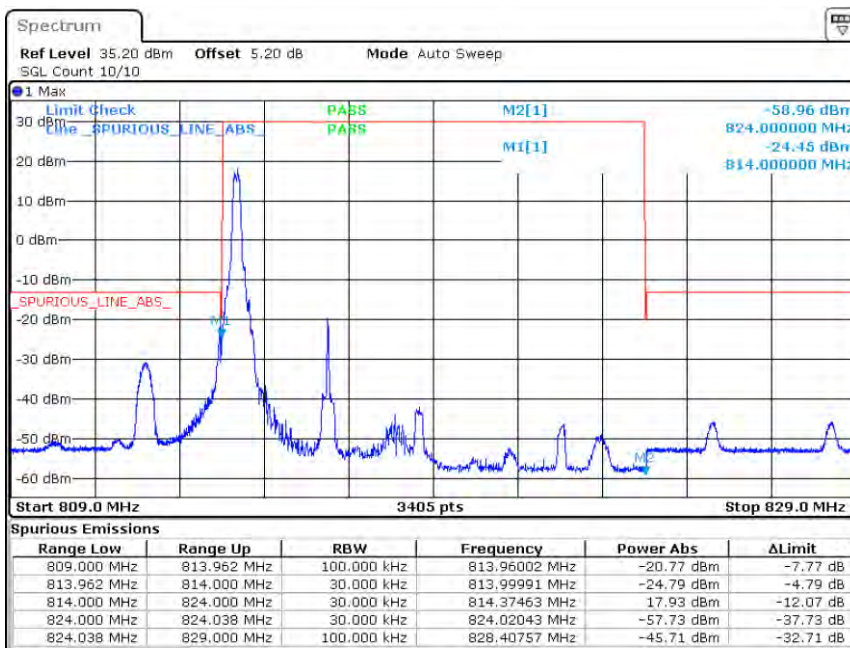


Band26-3MHz-16QAM-26775-15RB#0



Date: 29 JUL 2020 12:22:50

Band26-5MHz-QPSK-26715-1RB#0



Date: 29 JUL 2020 12:24:08



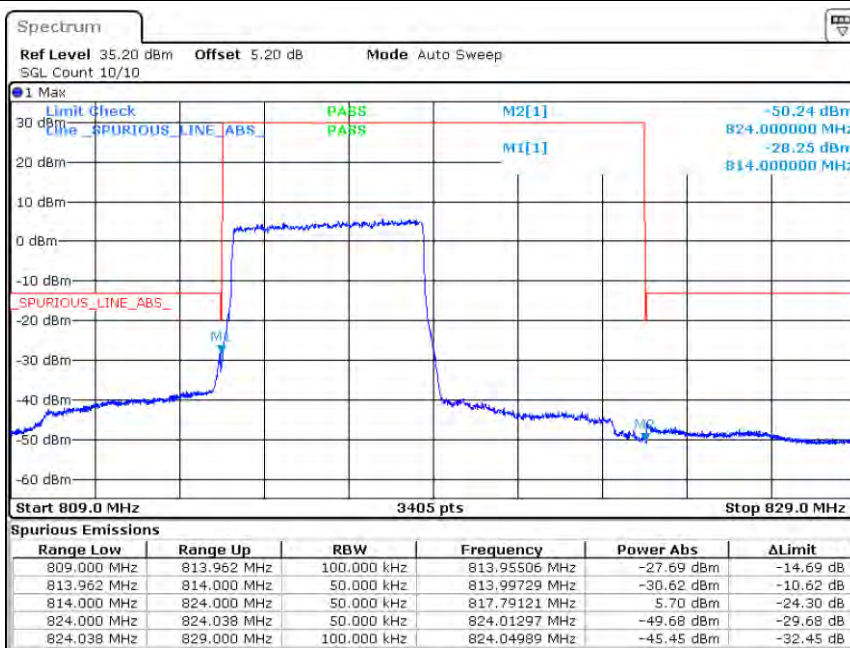
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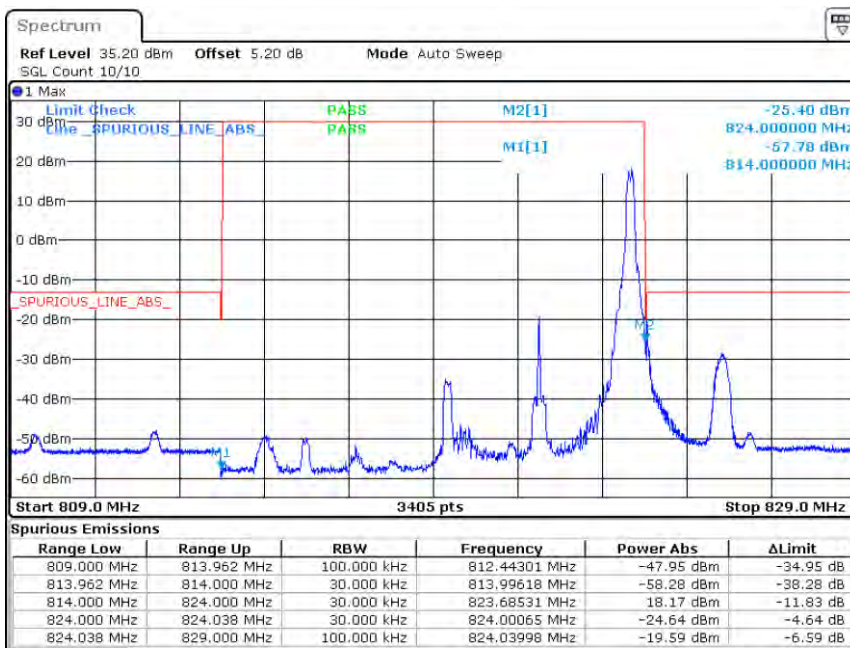


Band26-5MHz-QPSK-26715-25RB#0



Date: 29 JUL 2020 12:27:59

Band26-5MHz-QPSK-26765-1RB#24



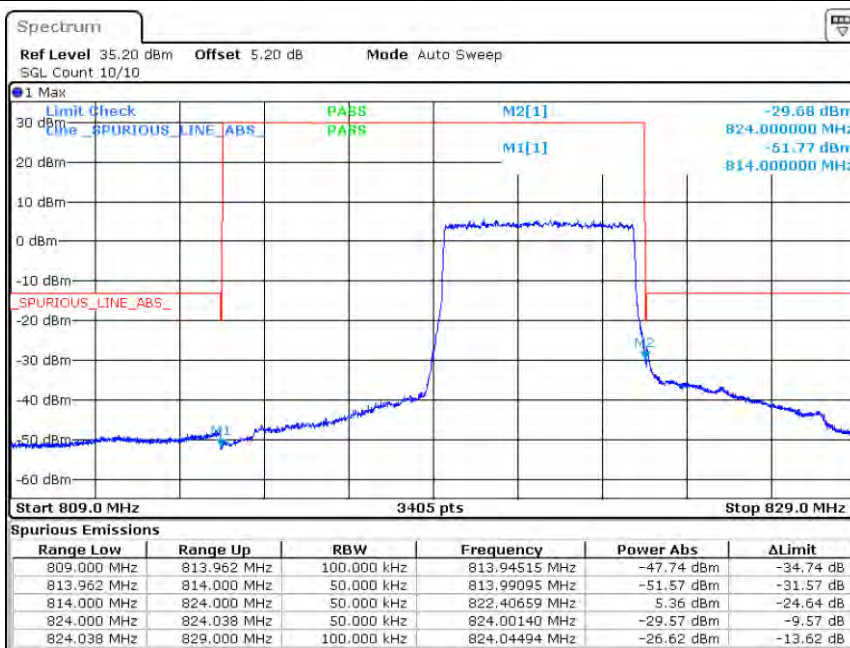
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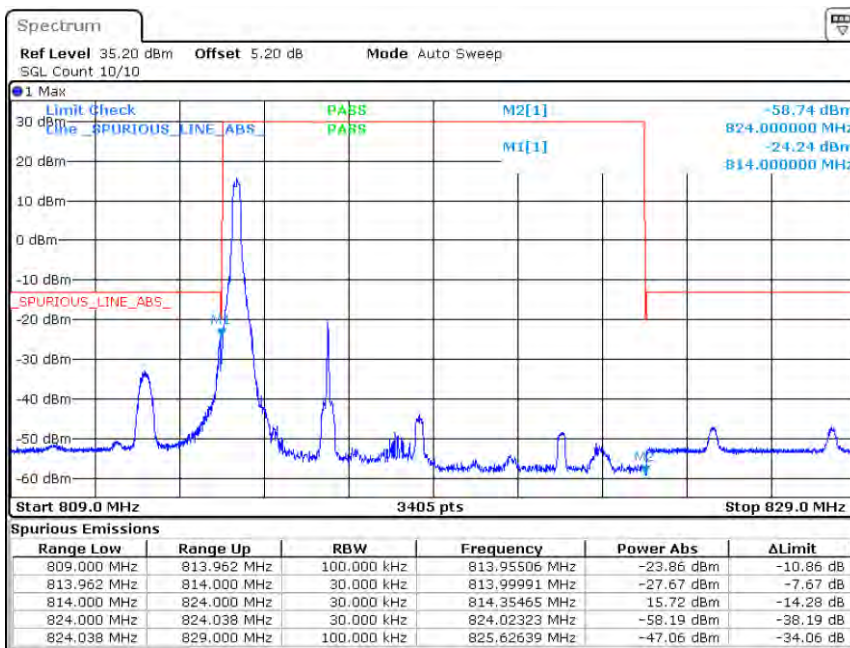


Band26-5MHz-QPSK-26765-25RB#0



Date: 29 JUL 2020 12:29:53

Band26-5MHz-64QAM-26715-1RB#0



Date: 29 JUL 2020 12:25:24



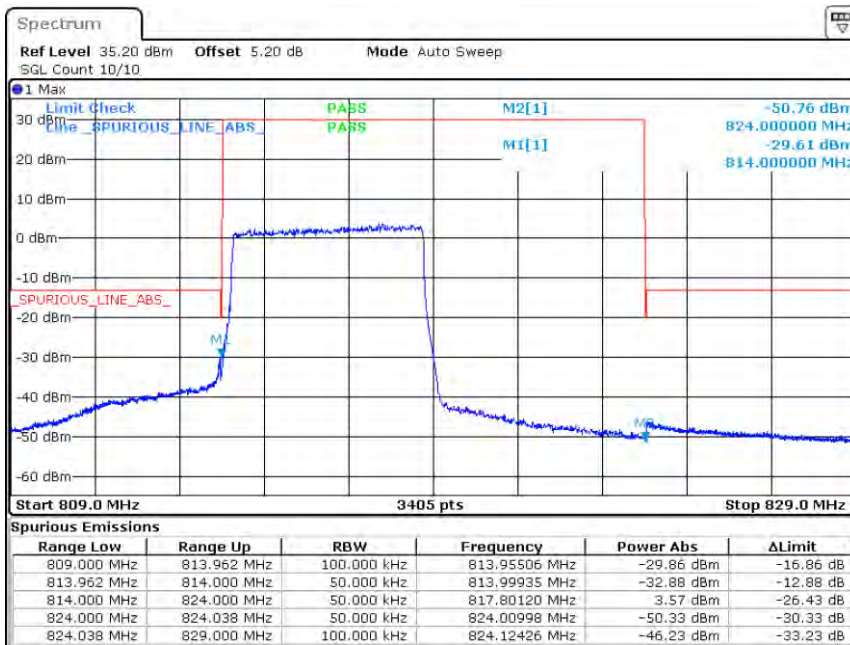
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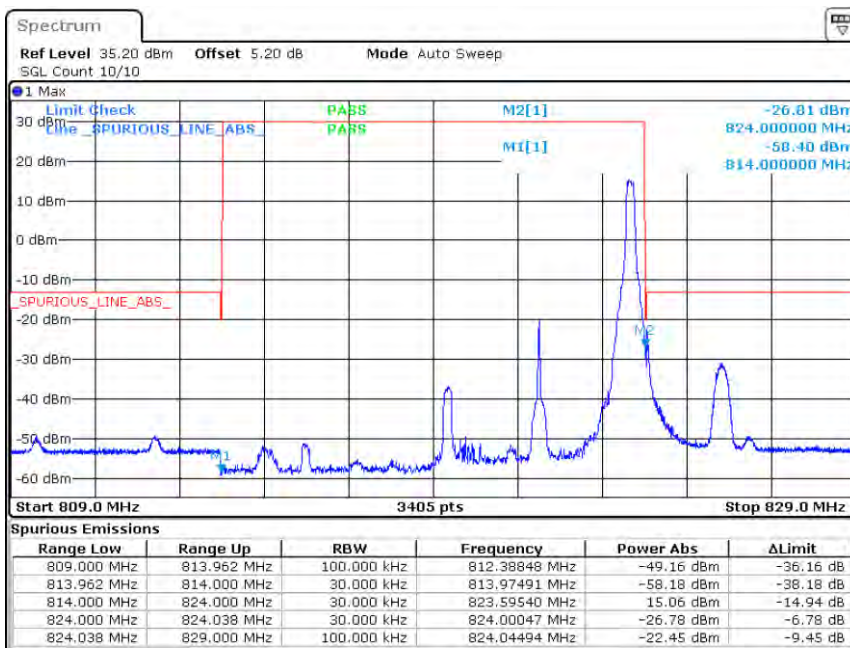


Band26-5MHz-64QAM-26715-25RB#0



Date: 29 JUL 2020 12:29:15

Band26-5MHz-64QAM-26765-1RB#24



Date: 29 JUL 2020 12:27:20



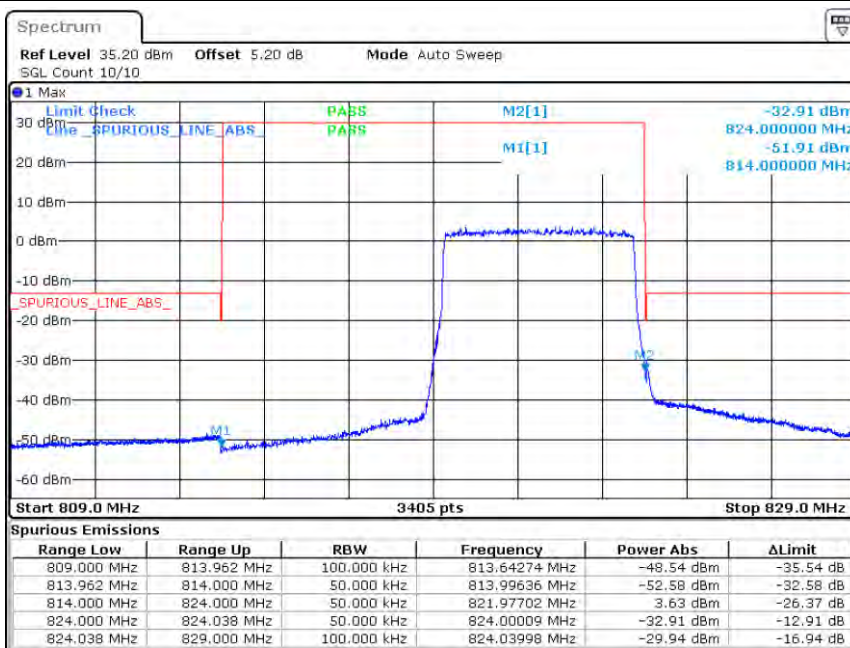
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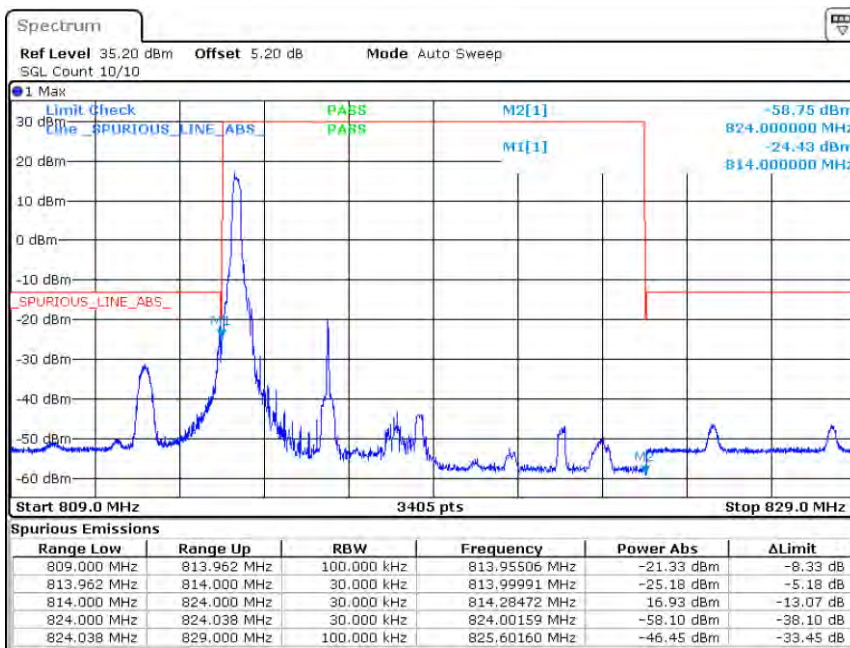


Band26-5MHz-64QAM-26765-25RB#0



Date: 29 JUL 2020 12:31:09

Band26-5MHz-16QAM-26715-1RB#0



Date: 29 JUL 2020 12:24:46

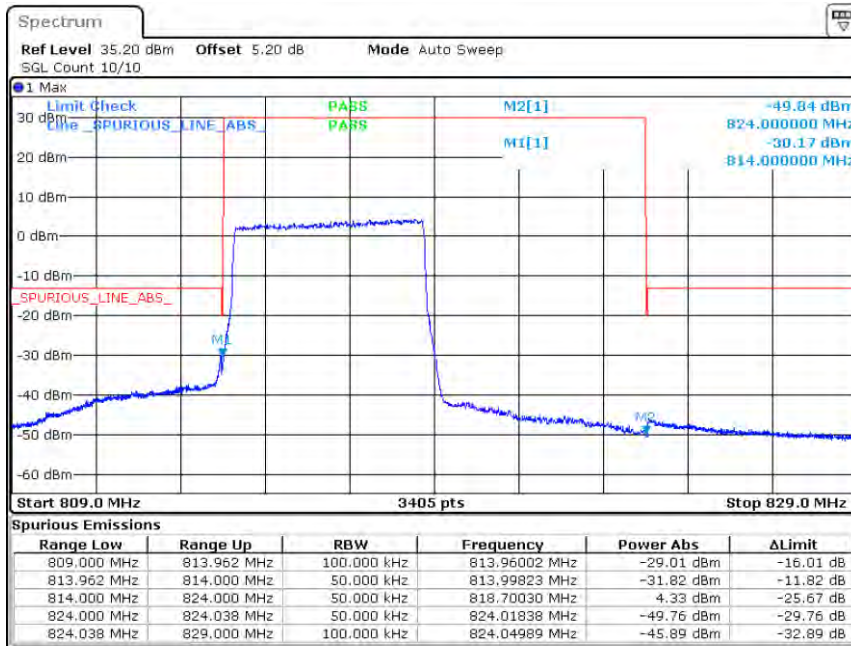


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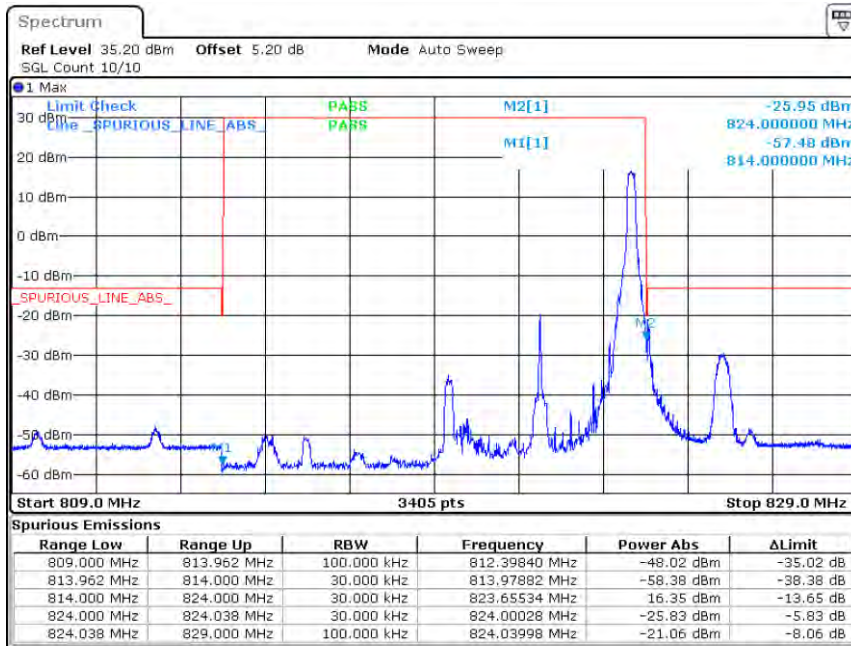
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**Band26-5MHz-16QAM-26715-25RB#0**



Date: 29 JUL 2020 12:28:37

**Band26-5MHz-16QAM-26765-1RB#24**



Date: 29 JUL 2020 12:26:41

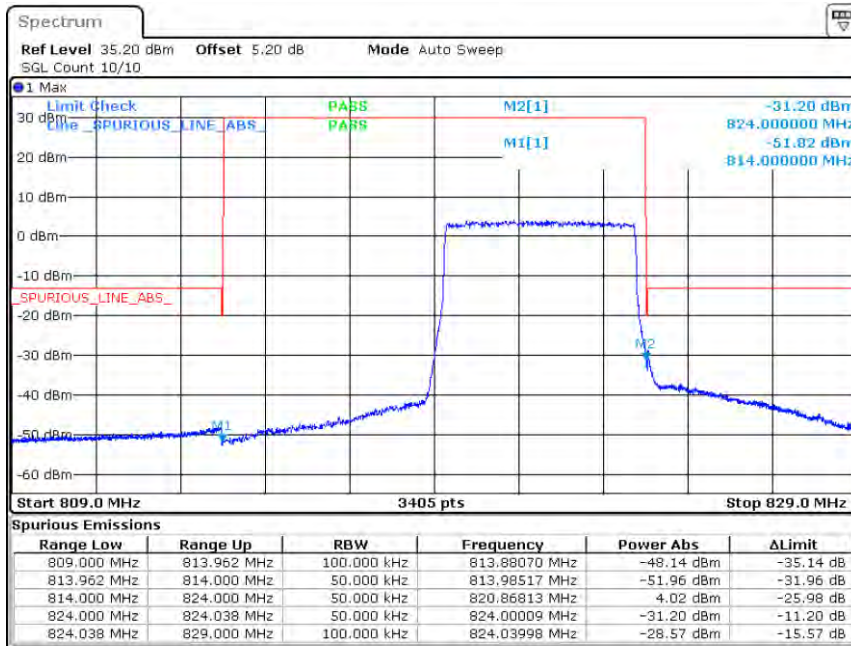


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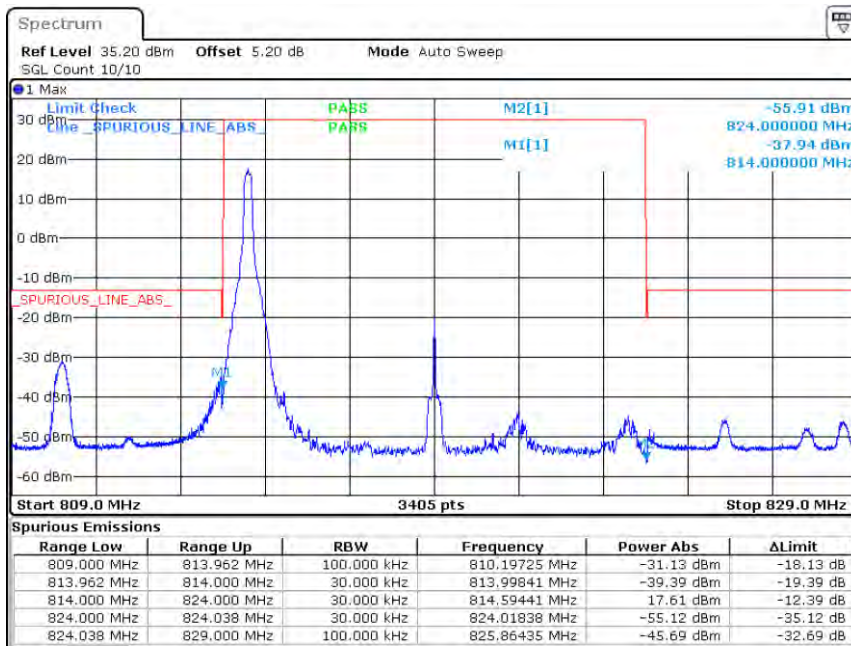


Band26-5MHz-16QAM-26765-25RB#0



Date: 29 JUL 2020 12:30:31

Band26-10MHz-QPSK-26740\_Left-1RB#0



Date: 29 JUL 2020 12:31:50

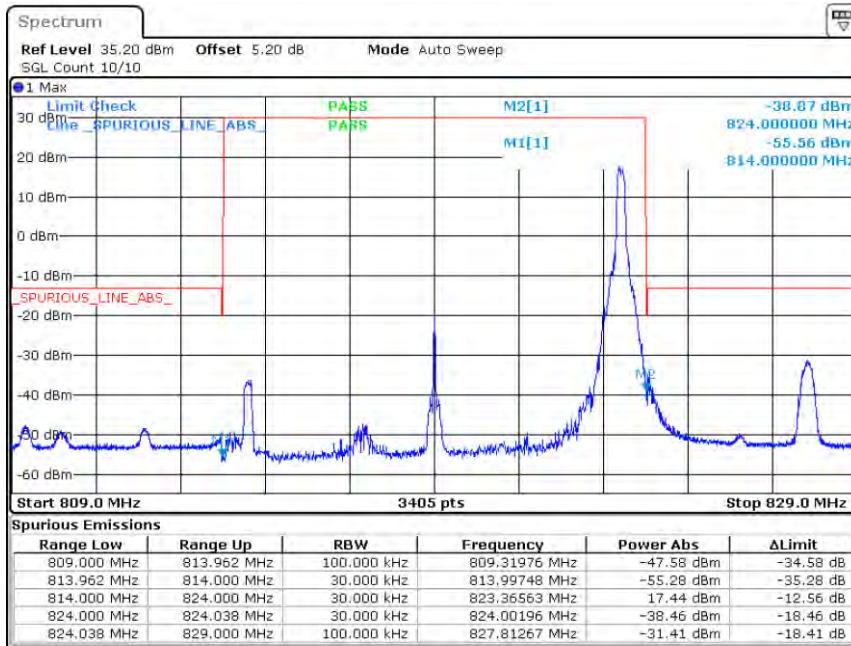


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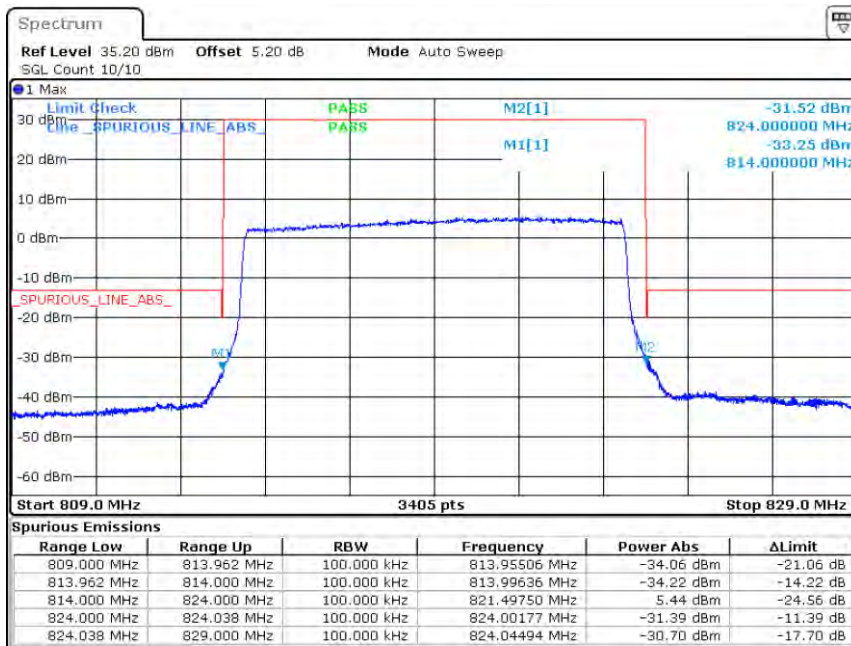
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**Band26-10MHz-QPSK-26740\_Right-1RB#49**



Date: 29 JUL 2020 12:32:28

**Band26-10MHz-QPSK-26740\_Right-50RB#0**



Date: 29 JUL 2020 12:35:39



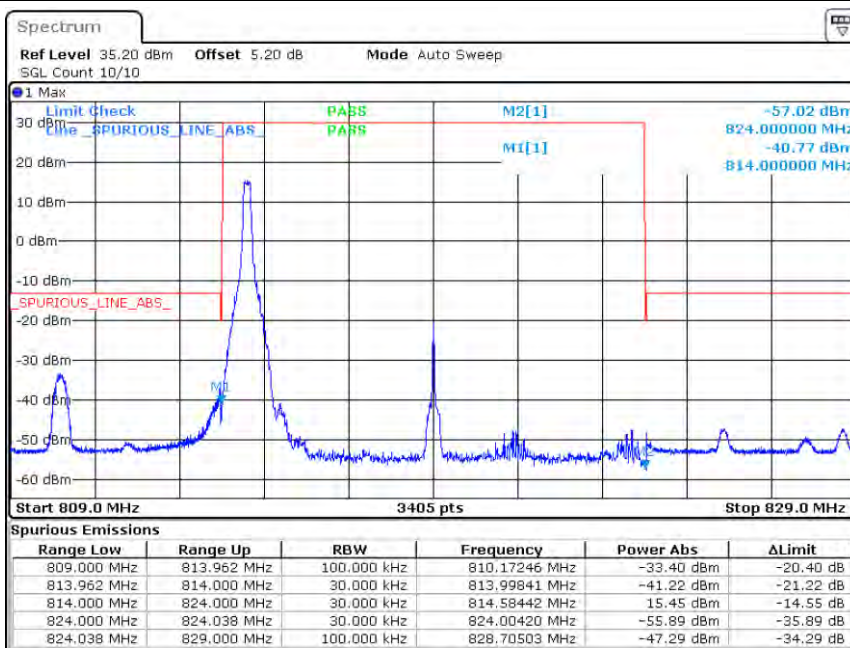
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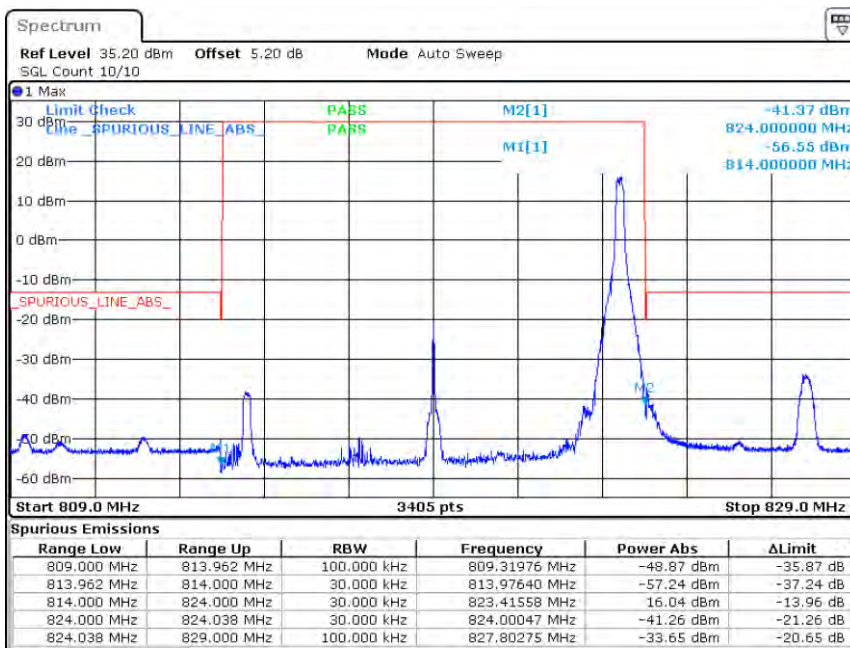


Band26-10MHz-64QAM-26740\_Left-1RB#0



Date: 29 JUL 2020 12:34:22

Band26-10MHz-64QAM-26740\_Right-1RB#49



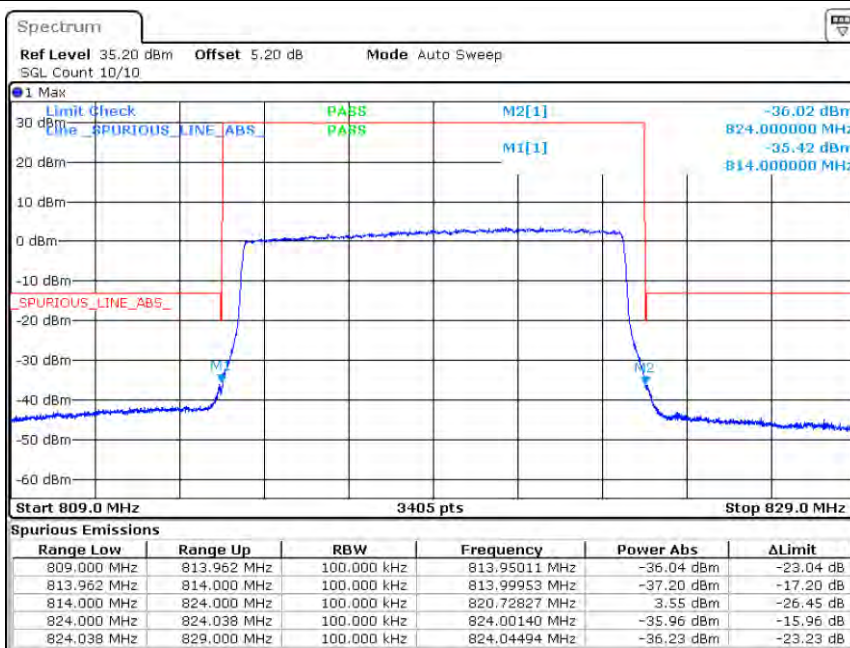
Date: 29 JUL 2020 12:35:00



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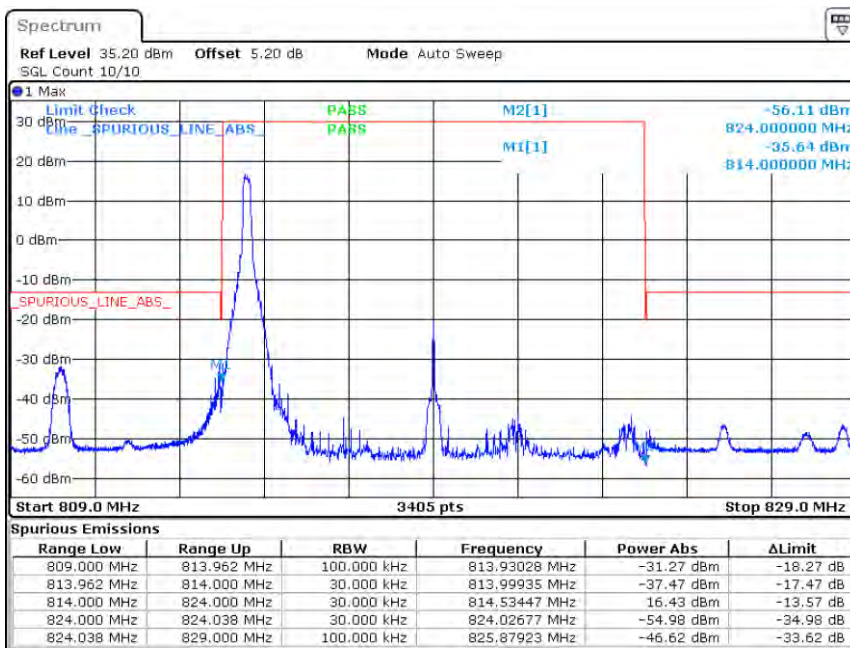


Band26-10MHz-64QAM-26740\_Right-50RB#0



Date: 29 JUL 2020 12:36:56

Band26-10MHz-16QAM-26740\_Left-1RB#0



Date: 29 JUL 2020 12:33:06



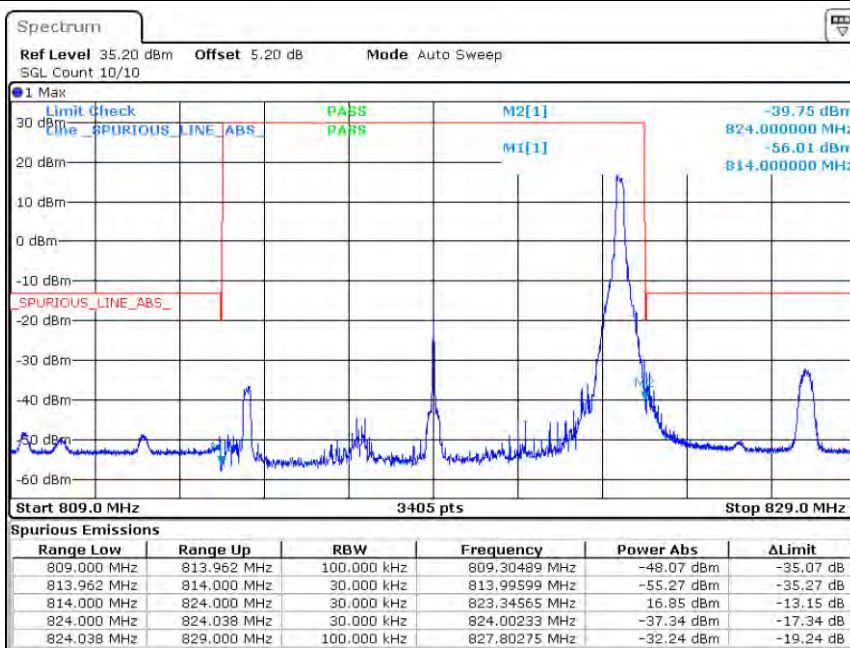
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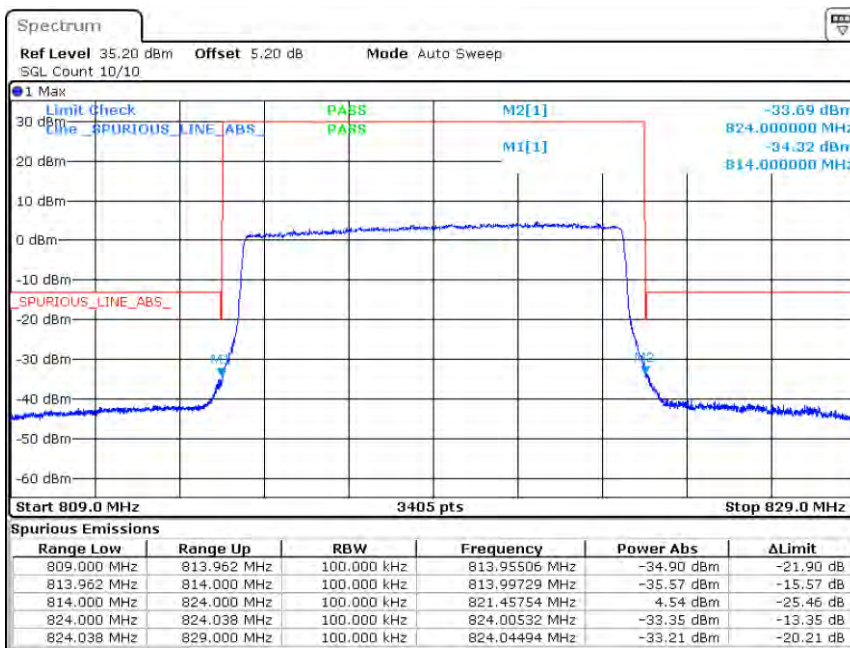


Band26-10MHz-16QAM-26740\_Right-1RB#49



Date: 29 JUL 2020 12:33:44

Band26-10MHz-16QAM-26740\_Right-50RB#0



Date: 29 JUL 2020 12:36:17



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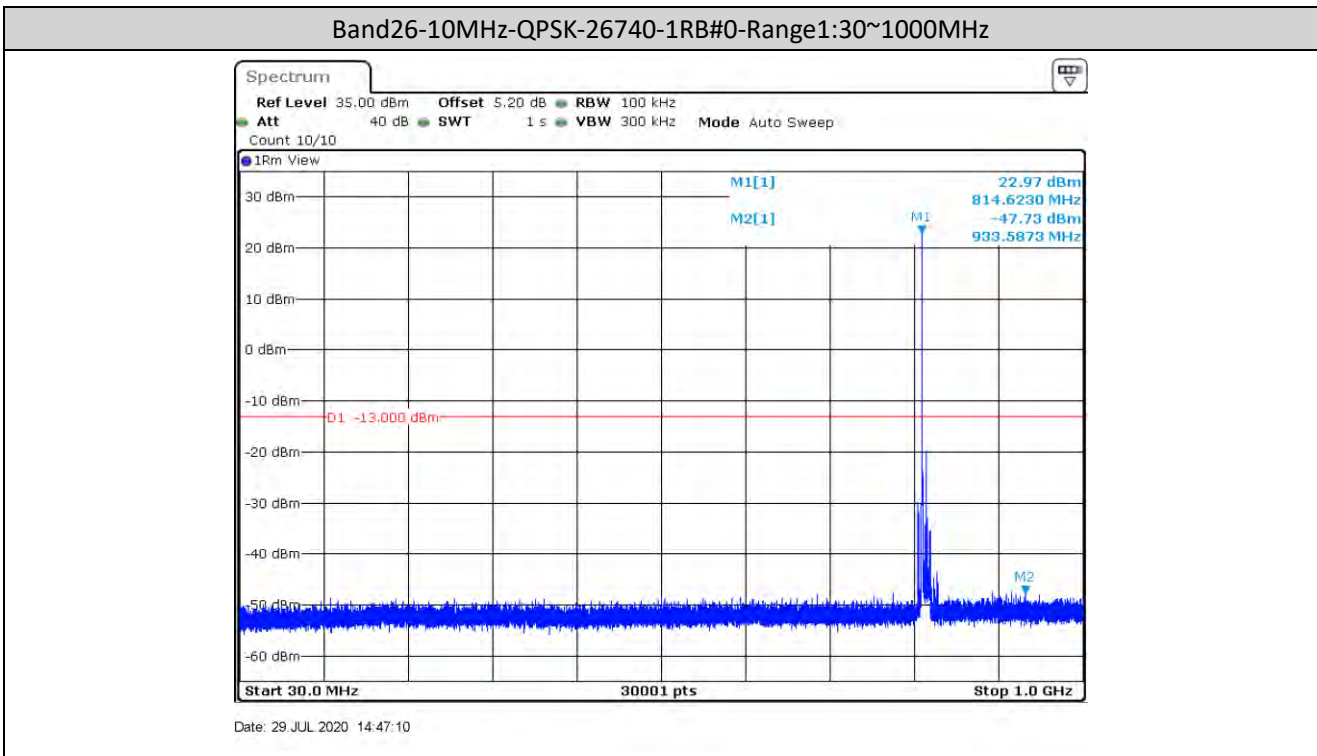
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## 6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (\text{Span} / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

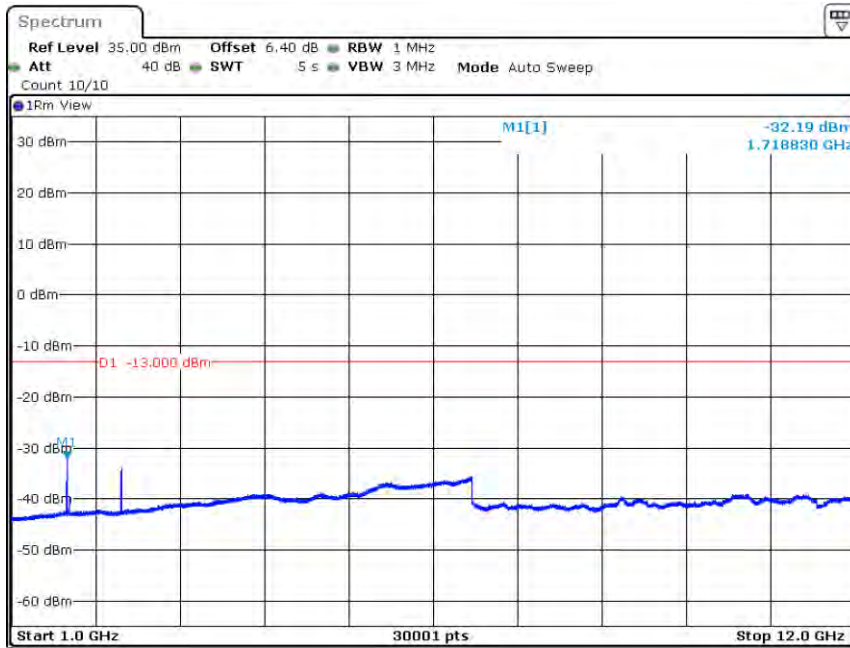
Remark2: only the worst case data displayed in this report.

### 6.1. Test Plots



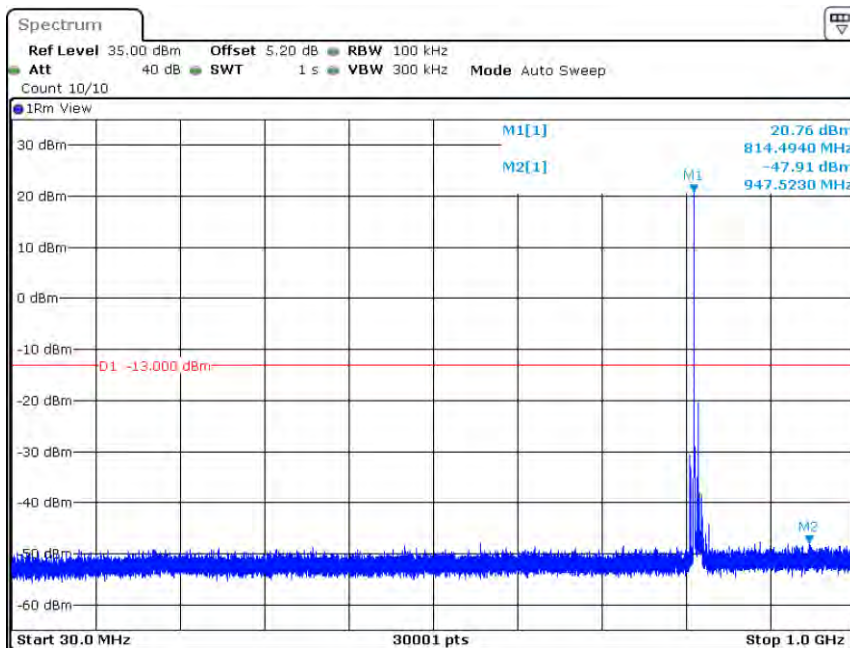
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**Band26-10MHz-QPSK-26740-1RB#0-Range2:1000~12000MHz**



Date: 29 JUL 2020 14:48:17

**Band26-10MHz-64QAM-26740-1RB#0-Range1:30~1000MHz**

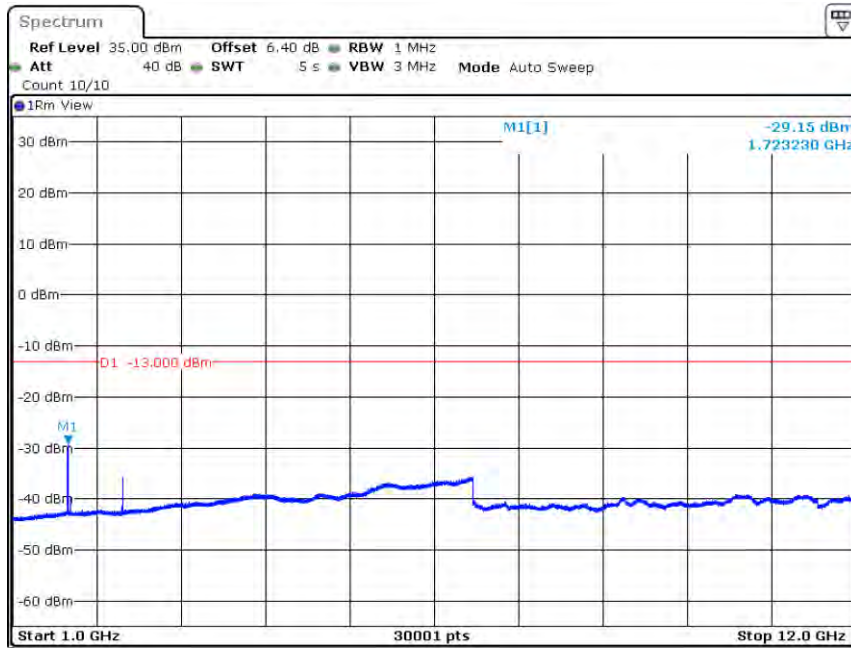


Date: 29 JUL 2020 14:54:43



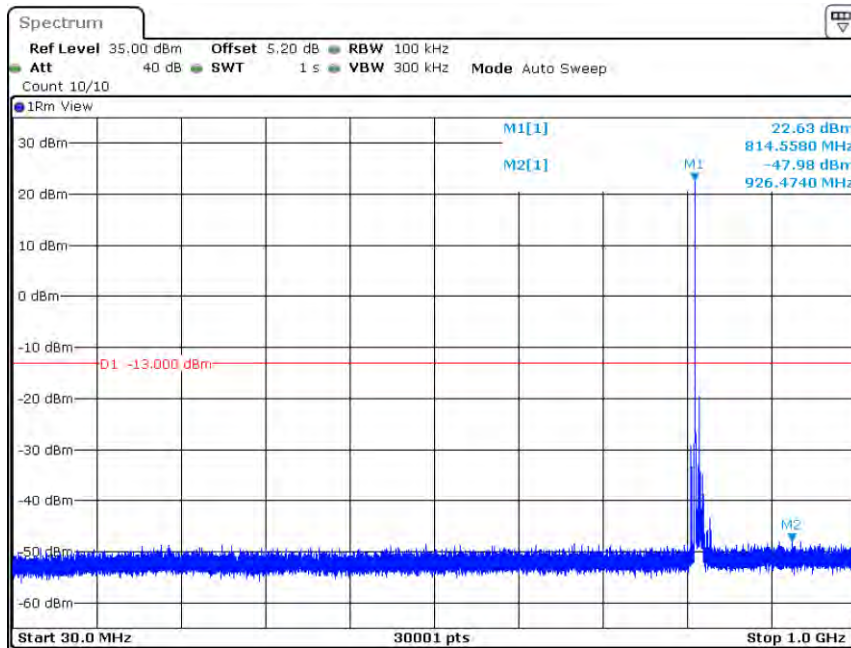
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**Band26-10MHz-64QAM-26740-1RB#0-Range2:1000~12000MHz**



Date: 29 JUL 2020 14:55:50

**Band26-10MHz-16QAM-26740-1RB#0-Range1:30~1000MHz**



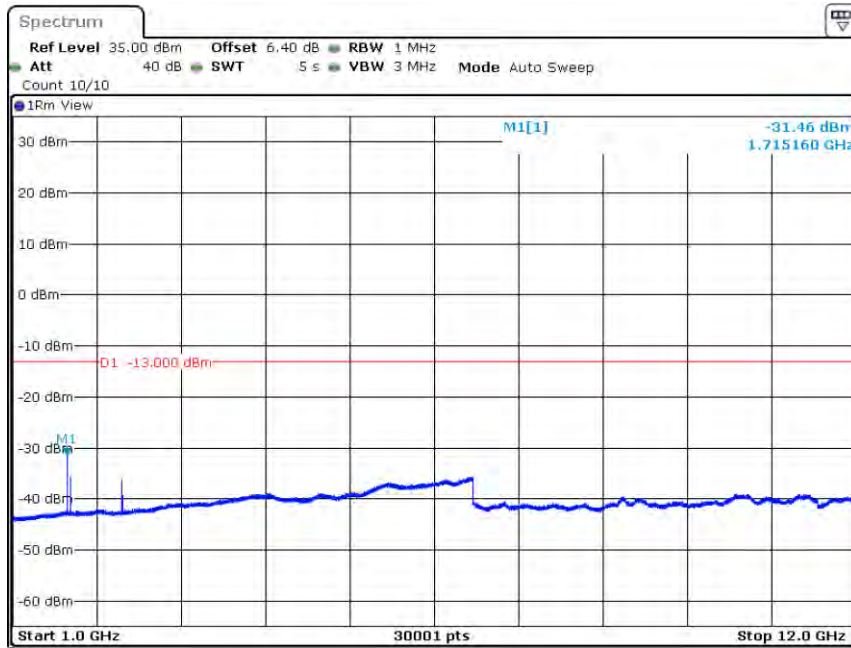
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Band26-10MHz-16QAM-26740-1RB#0-Range2:1000~12000MHz



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Mode =LTE/TM1 10MHz

#### 7.1.1. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
52.0686	-69.73	-13.00	56.73	Vertical
108.8649	-63.24	-13.00	50.24	Vertical
325.1858	-66.15	-13.00	53.15	Vertical
1629.3259	-56.28	-13.00	43.28	Vertical
2592.7185	-52.52	-13.00	39.52	Vertical
4887.8629	-57.00	-13.00	44.00	Vertical
44.7932	-62.43	-13.00	49.43	Horizontal
244.9627	-64.96	-13.00	51.96	Horizontal
1629.3259	-49.59	-13.00	36.59	Horizontal
2697.1394	-50.93	-13.00	37.93	Horizontal
4887.6629	-57.51	-13.00	44.51	Horizontal
7436.1479	-53.14	-13.00	40.14	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	VL	NT	-1.20	-0.001465	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	-3.50	-0.004274	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	-2.60	-0.003175	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VL	NT	-1.80	-0.002198	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VN	NT	-1.10	-0.001343	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VH	NT	0.40	0.000488	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VL	NT	2.30	0.002808	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VN	NT	2.40	0.002930	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VH	NT	1.60	0.001954	±2.5	PASS

### 8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	NV	-30	-1.00	-0.001221	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	-2.50	-0.003053	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-10	-3.20	-0.003907	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	0	-2.70	-0.003297	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	-1.80	-0.002198	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	-1.70	-0.002076	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	-0.30	-0.000366	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	0.30	0.000366	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	-1.60	-0.001954	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-30	1.30	0.001587	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-20	-2.20	-0.002686	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-10	-2.30	-0.002808	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	0	-1.30	-0.001587	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	10	-0.50	-0.000611	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	20	-0.80	-0.000977	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	30	0.30	0.000366	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	50	-0.10	-0.000122	±2.5	PASS



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Band26	10MHz	16QAM	26740	50RB#0	NV	-30	1.10	0.001343	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-20	1.40	0.001709	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-10	1.70	0.002076	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	0	0.50	0.000611	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	10	1.20	0.001465	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	20	0.40	0.000488	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	30	0.60	0.000733	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	40	2.10	0.002564	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	50	1.10	0.001343	±2.5	PASS



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