



Appendix B

E-UTRA Band 26 (814-824)



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1 Conducted Output Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#2	23.41	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	23.29	PASS
Band26	1.4MHz	QPSK	26697	1RB#0	23.21	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	23.38	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	23.38	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	23.35	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	22.41	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	23.23	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	23.37	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	23.23	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	23.33	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	23.35	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	23.40	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	22.38	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	23.23	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	23.36	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	23.26	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	23.30	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	23.36	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	23.34	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	22.38	PASS
Band26	1.4MHz	64QAM	26697	1RB#2	22.88	PASS
Band26	1.4MHz	64QAM	26697	1RB#5	22.85	PASS
Band26	1.4MHz	64QAM	26697	1RB#0	22.80	PASS
Band26	1.4MHz	64QAM	26697	3RB#0	22.85	PASS
Band26	1.4MHz	64QAM	26697	3RB#1	22.94	PASS
Band26	1.4MHz	64QAM	26697	3RB#3	22.88	PASS



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Band26	1.4MHz	64QAM	26697	6RB#0	21.80	PASS
Band26	1.4MHz	64QAM	26740	1RB#0	22.85	PASS
Band26	1.4MHz	64QAM	26740	1RB#2	22.99	PASS
Band26	1.4MHz	64QAM	26740	1RB#5	22.89	PASS
Band26	1.4MHz	64QAM	26740	3RB#0	22.93	PASS
Band26	1.4MHz	64QAM	26740	3RB#3	22.89	PASS
Band26	1.4MHz	64QAM	26740	3RB#1	22.95	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	21.79	PASS
Band26	1.4MHz	64QAM	26783	1RB#2	22.90	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	22.87	PASS
Band26	1.4MHz	64QAM	26783	1RB#5	22.87	PASS
Band26	1.4MHz	64QAM	26783	3RB#3	22.90	PASS
Band26	1.4MHz	64QAM	26783	3RB#1	22.99	PASS
Band26	1.4MHz	64QAM	26783	3RB#0	22.85	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	21.81	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	22.60	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	22.60	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	22.62	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	22.54	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	22.45	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	22.51	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	21.51	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	22.69	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	22.67	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	22.67	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	22.62	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	22.59	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	22.49	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	21.51	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	22.69	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	22.75	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	22.63	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	22.55	PASS



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Band26	1.4MHz	16QAM	26783	3RB#1	22.53	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	22.55	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	21.52	PASS
Band26	3MHz	QPSK	26705	1RB#0	23.28	PASS
Band26	3MHz	QPSK	26705	1RB#8	23.42	PASS
Band26	3MHz	QPSK	26705	1RB#14	23.30	PASS
Band26	3MHz	QPSK	26705	8RB#7	22.46	PASS
Band26	3MHz	QPSK	26705	8RB#4	22.49	PASS
Band26	3MHz	QPSK	26705	8RB#0	22.47	PASS
Band26	3MHz	QPSK	26705	15RB#0	22.55	PASS
Band26	3MHz	QPSK	26740	1RB#0	23.29	PASS
Band26	3MHz	QPSK	26740	1RB#14	23.35	PASS
Band26	3MHz	QPSK	26740	1RB#8	23.48	PASS
Band26	3MHz	QPSK	26740	8RB#7	22.45	PASS
Band26	3MHz	QPSK	26740	8RB#4	22.51	PASS
Band26	3MHz	QPSK	26740	8RB#0	22.42	PASS
Band26	3MHz	QPSK	26740	15RB#0	22.45	PASS
Band26	3MHz	QPSK	26775	1RB#8	23.42	PASS
Band26	3MHz	QPSK	26775	1RB#14	23.31	PASS
Band26	3MHz	QPSK	26775	1RB#0	23.30	PASS
Band26	3MHz	QPSK	26775	8RB#7	22.47	PASS
Band26	3MHz	QPSK	26775	8RB#4	22.52	PASS
Band26	3MHz	QPSK	26775	8RB#0	22.42	PASS
Band26	3MHz	QPSK	26775	15RB#0	22.47	PASS
Band26	3MHz	64QAM	26705	1RB#0	22.78	PASS
Band26	3MHz	64QAM	26705	1RB#14	22.91	PASS
Band26	3MHz	64QAM	26705	1RB#8	23.01	PASS
Band26	3MHz	64QAM	26705	8RB#0	21.90	PASS
Band26	3MHz	64QAM	26705	8RB#7	21.81	PASS
Band26	3MHz	64QAM	26705	8RB#4	21.90	PASS
Band26	3MHz	64QAM	26705	15RB#0	21.85	PASS
Band26	3MHz	64QAM	26740	1RB#0	22.88	PASS
Band26	3MHz	64QAM	26740	1RB#8	23.05	PASS



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Band26	3MHz	64QAM	26740	1RB#14	22.94	PASS
Band26	3MHz	64QAM	26740	8RB#0	21.89	PASS
Band26	3MHz	64QAM	26740	8RB#4	21.93	PASS
Band26	3MHz	64QAM	26740	8RB#7	21.91	PASS
Band26	3MHz	64QAM	26740	15RB#0	21.87	PASS
Band26	3MHz	64QAM	26775	1RB#14	22.92	PASS
Band26	3MHz	64QAM	26775	1RB#8	23.02	PASS
Band26	3MHz	64QAM	26775	1RB#0	22.93	PASS
Band26	3MHz	64QAM	26775	8RB#7	21.85	PASS
Band26	3MHz	64QAM	26775	8RB#0	21.90	PASS
Band26	3MHz	64QAM	26775	8RB#4	21.90	PASS
Band26	3MHz	64QAM	26775	15RB#0	21.85	PASS
Band26	3MHz	16QAM	26705	1RB#0	22.58	PASS
Band26	3MHz	16QAM	26705	1RB#8	22.72	PASS
Band26	3MHz	16QAM	26705	1RB#14	22.66	PASS
Band26	3MHz	16QAM	26705	8RB#0	21.53	PASS
Band26	3MHz	16QAM	26705	8RB#4	21.57	PASS
Band26	3MHz	16QAM	26705	8RB#7	21.54	PASS
Band26	3MHz	16QAM	26705	15RB#0	21.50	PASS
Band26	3MHz	16QAM	26740	1RB#8	22.80	PASS
Band26	3MHz	16QAM	26740	1RB#14	22.71	PASS
Band26	3MHz	16QAM	26740	1RB#0	22.59	PASS
Band26	3MHz	16QAM	26740	8RB#0	21.54	PASS
Band26	3MHz	16QAM	26740	8RB#7	21.51	PASS
Band26	3MHz	16QAM	26740	8RB#4	21.62	PASS
Band26	3MHz	16QAM	26740	15RB#0	21.51	PASS
Band26	3MHz	16QAM	26775	1RB#8	22.74	PASS
Band26	3MHz	16QAM	26775	1RB#0	22.64	PASS
Band26	3MHz	16QAM	26775	1RB#14	22.72	PASS
Band26	3MHz	16QAM	26775	8RB#4	21.60	PASS
Band26	3MHz	16QAM	26775	8RB#7	21.57	PASS
Band26	3MHz	16QAM	26775	8RB#0	21.54	PASS
Band26	3MHz	16QAM	26775	15RB#0	21.52	PASS



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Band26	5MHz	QPSK	26715	1RB#0	23.32	PASS
Band26	5MHz	QPSK	26715	1RB#24	23.35	PASS
Band26	5MHz	QPSK	26715	1RB#12	23.39	PASS
Band26	5MHz	QPSK	26715	12RB#13	22.47	PASS
Band26	5MHz	QPSK	26715	12RB#0	22.44	PASS
Band26	5MHz	QPSK	26715	12RB#6	22.51	PASS
Band26	5MHz	QPSK	26715	25RB#0	22.50	PASS
Band26	5MHz	QPSK	26740	1RB#0	23.34	PASS
Band26	5MHz	QPSK	26740	1RB#12	23.42	PASS
Band26	5MHz	QPSK	26740	1RB#24	23.32	PASS
Band26	5MHz	QPSK	26740	12RB#0	22.43	PASS
Band26	5MHz	QPSK	26740	12RB#13	22.48	PASS
Band26	5MHz	QPSK	26740	12RB#6	22.49	PASS
Band26	5MHz	QPSK	26740	25RB#0	22.45	PASS
Band26	5MHz	QPSK	26765	1RB#12	23.36	PASS
Band26	5MHz	QPSK	26765	1RB#24	23.35	PASS
Band26	5MHz	QPSK	26765	1RB#0	23.32	PASS
Band26	5MHz	QPSK	26765	12RB#6	22.52	PASS
Band26	5MHz	QPSK	26765	12RB#13	22.46	PASS
Band26	5MHz	QPSK	26765	12RB#0	22.42	PASS
Band26	5MHz	QPSK	26765	25RB#0	22.46	PASS
Band26	5MHz	64QAM	26715	1RB#0	22.80	PASS
Band26	5MHz	64QAM	26715	1RB#12	22.99	PASS
Band26	5MHz	64QAM	26715	1RB#24	22.95	PASS
Band26	5MHz	64QAM	26715	12RB#0	21.80	PASS
Band26	5MHz	64QAM	26715	12RB#6	21.94	PASS
Band26	5MHz	64QAM	26715	12RB#13	21.89	PASS
Band26	5MHz	64QAM	26715	25RB#0	21.87	PASS
Band26	5MHz	64QAM	26740	1RB#0	22.85	PASS
Band26	5MHz	64QAM	26740	1RB#12	22.94	PASS
Band26	5MHz	64QAM	26740	1RB#24	22.96	PASS
Band26	5MHz	64QAM	26740	12RB#13	21.89	PASS
Band26	5MHz	64QAM	26740	12RB#0	21.84	PASS



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Band26	5MHz	64QAM	26740	12RB#6	21.95	PASS
Band26	5MHz	64QAM	26740	25RB#0	21.86	PASS
Band26	5MHz	64QAM	26765	1RB#12	22.99	PASS
Band26	5MHz	64QAM	26765	1RB#0	22.90	PASS
Band26	5MHz	64QAM	26765	1RB#24	22.98	PASS
Band26	5MHz	64QAM	26765	12RB#13	21.86	PASS
Band26	5MHz	64QAM	26765	12RB#0	21.84	PASS
Band26	5MHz	64QAM	26765	12RB#6	21.93	PASS
Band26	5MHz	64QAM	26765	25RB#0	21.84	PASS
Band26	5MHz	16QAM	26715	1RB#24	22.71	PASS
Band26	5MHz	16QAM	26715	1RB#0	22.60	PASS
Band26	5MHz	16QAM	26715	1RB#12	22.71	PASS
Band26	5MHz	16QAM	26715	12RB#0	21.51	PASS
Band26	5MHz	16QAM	26715	12RB#13	21.53	PASS
Band26	5MHz	16QAM	26715	12RB#6	21.58	PASS
Band26	5MHz	16QAM	26715	25RB#0	21.47	PASS
Band26	5MHz	16QAM	26740	1RB#12	22.84	PASS
Band26	5MHz	16QAM	26740	1RB#24	22.73	PASS
Band26	5MHz	16QAM	26740	1RB#0	22.64	PASS
Band26	5MHz	16QAM	26740	12RB#0	21.51	PASS
Band26	5MHz	16QAM	26740	12RB#6	21.65	PASS
Band26	5MHz	16QAM	26740	12RB#13	21.58	PASS
Band26	5MHz	16QAM	26740	25RB#0	21.48	PASS
Band26	5MHz	16QAM	26765	1RB#0	22.62	PASS
Band26	5MHz	16QAM	26765	1RB#12	22.79	PASS
Band26	5MHz	16QAM	26765	1RB#24	22.73	PASS
Band26	5MHz	16QAM	26765	12RB#0	21.55	PASS
Band26	5MHz	16QAM	26765	12RB#6	21.58	PASS
Band26	5MHz	16QAM	26765	12RB#13	21.53	PASS
Band26	5MHz	16QAM	26765	25RB#0	21.49	PASS
Band26	10MHz	QPSK	26740	1RB#24	23.21	PASS
Band26	10MHz	QPSK	26740	1RB#49	23.41	PASS
Band26	10MHz	QPSK	26740	1RB#0	23.47	PASS



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Band26	10MHz	QPSK	26740	25RB#25	22.45	PASS
Band26	10MHz	QPSK	26740	25RB#12	22.50	PASS
Band26	10MHz	QPSK	26740	25RB#0	22.45	PASS
Band26	10MHz	QPSK	26740	50RB#0	22.49	PASS
Band26	10MHz	64QAM	26740	1RB#0	23.05	PASS
Band26	10MHz	64QAM	26740	1RB#24	22.81	PASS
Band26	10MHz	64QAM	26740	1RB#49	22.98	PASS
Band26	10MHz	64QAM	26740	25RB#0	21.84	PASS
Band26	10MHz	64QAM	26740	25RB#12	21.93	PASS
Band26	10MHz	64QAM	26740	25RB#25	21.88	PASS
Band26	10MHz	64QAM	26740	50RB#0	21.88	PASS
Band26	10MHz	16QAM	26740	1RB#49	22.69	PASS
Band26	10MHz	16QAM	26740	1RB#0	22.79	PASS
Band26	10MHz	16QAM	26740	1RB#24	22.72	PASS
Band26	10MHz	16QAM	26740	25RB#0	21.49	PASS
Band26	10MHz	16QAM	26740	25RB#12	21.54	PASS
Band26	10MHz	16QAM	26740	25RB#25	21.46	PASS
Band26	10MHz	16QAM	26740	50RB#0	21.51	PASS



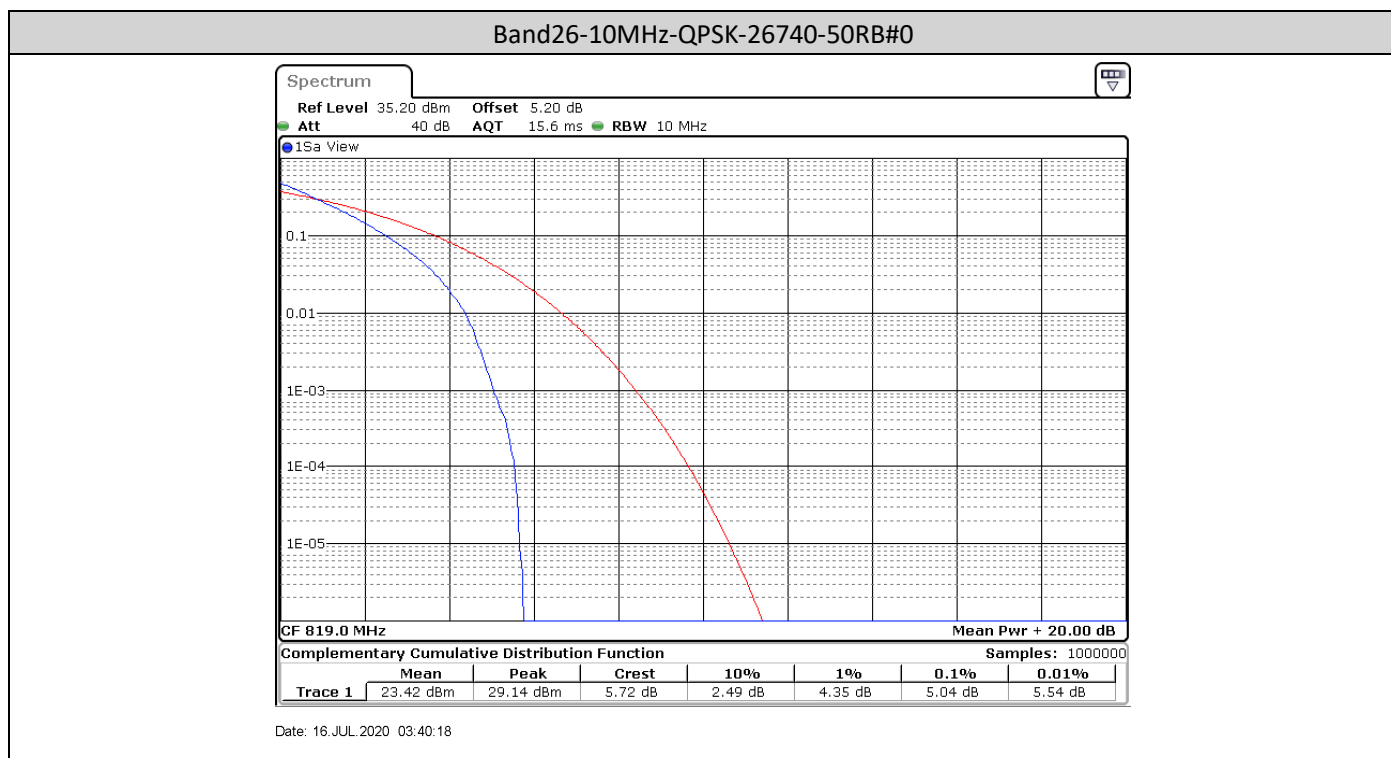


2. Peak-to-Average Ratio (CCDF)

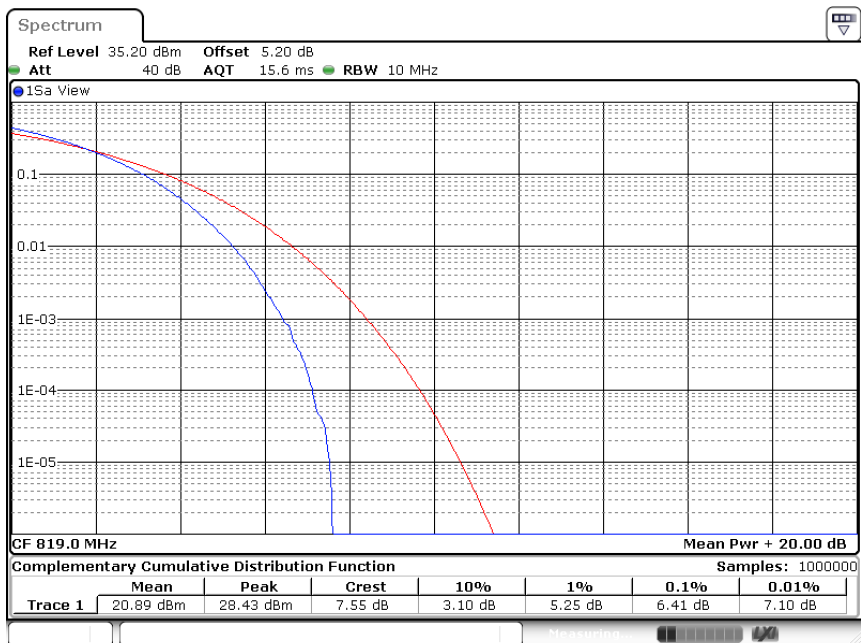
2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2 6	10MHz	QPSK	26740	50RB#0	5.04	13	PASS
Band2 6	10MHz	64QAM	26740	50RB#0	6.41	13	PASS
Band2 6	10MHz	16QAM	26740	50RB#0	5.97	13	PASS

2.2. Test Plots



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



Date: 12.AUG.2020 12:25:57

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



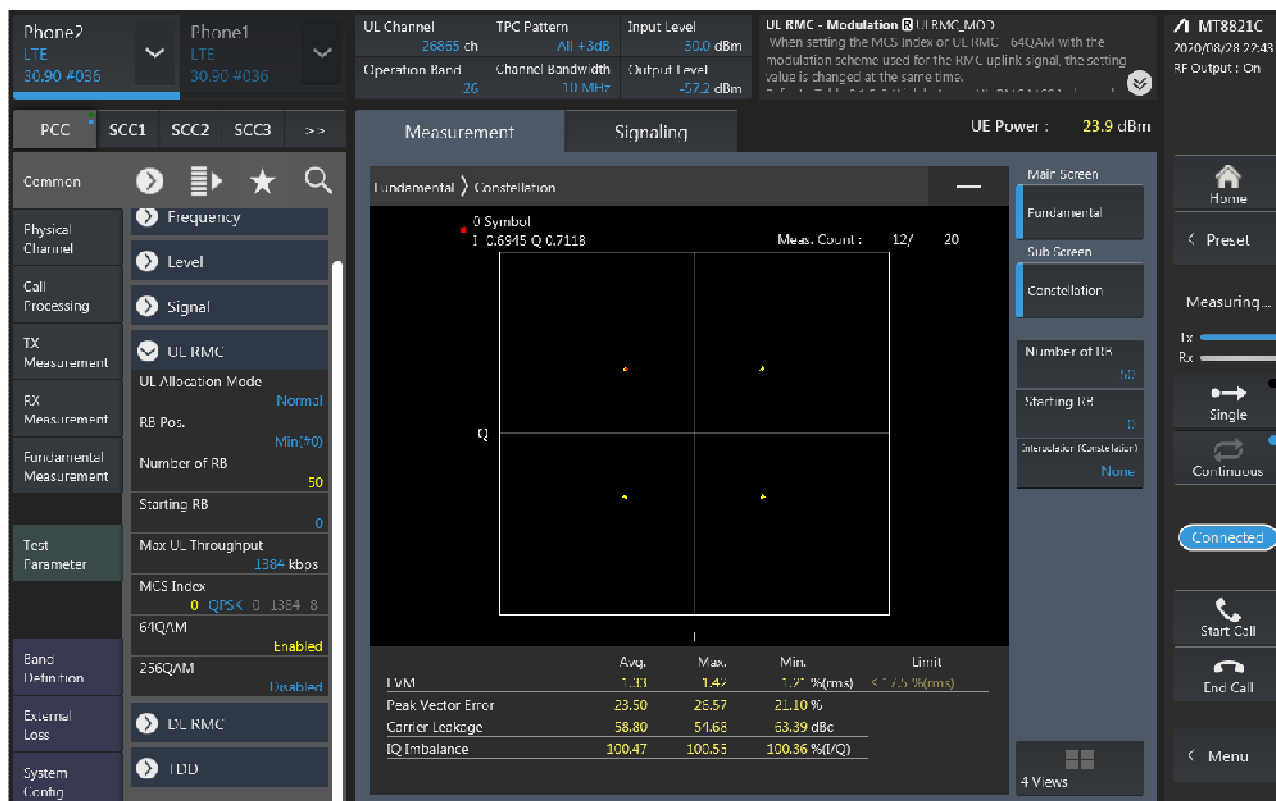
Date: 16.JUL.2020 03:40:29



3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1. Test Channel = MCH



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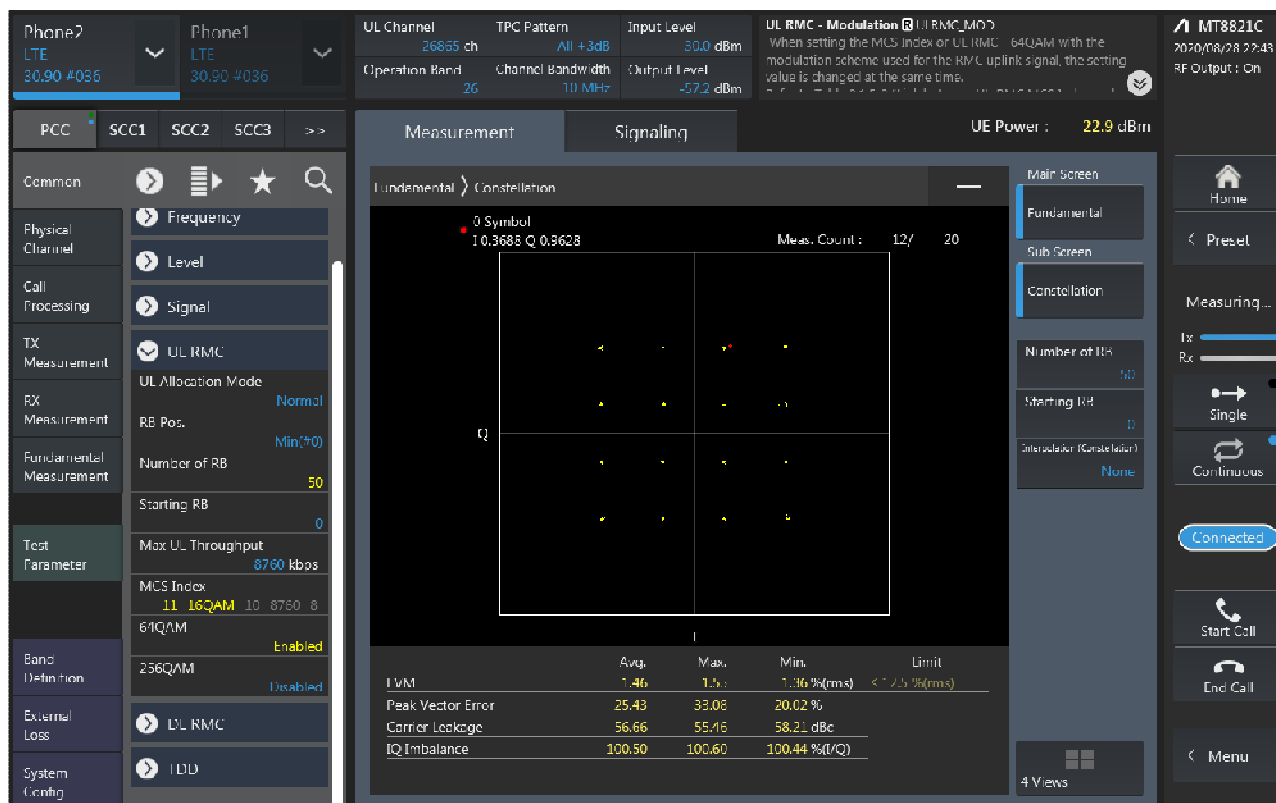
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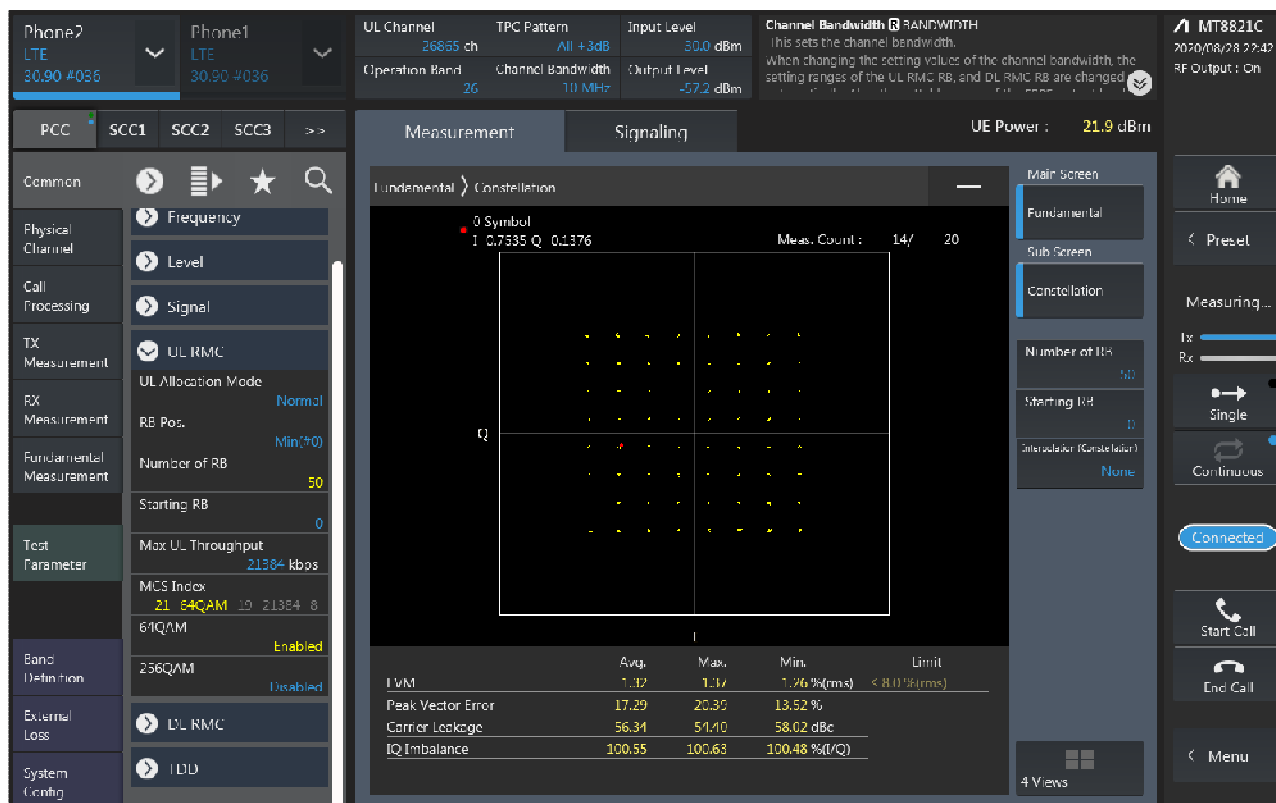
3.2. Test Mode = LTE /TM2 10MHz

3.2.1. Test Channel = MCH



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
Band2 6	1.4MHz	QPSK	26697	6RB#0	1.088	1.233	PASS
Band2 6	1.4MHz	QPSK	26740	6RB#0	1.088	1.233	PASS
Band2 6	1.4MHz	QPSK	26783	6RB#0	1.088	1.236	PASS
Band2 6	1.4MHz	64QAM	26697	6RB#0	1.094	1.245	PASS
Band2 6	1.4MHz	64QAM	26740	6RB#0	1.094	1.242	PASS
Band2 6	1.4MHz	64QAM	26783	6RB#0	1.094	1.242	PASS
Band2 6	1.4MHz	16QAM	26697	6RB#0	1.088	1.236	PASS
Band2 6	1.4MHz	16QAM	26740	6RB#0	1.088	1.242	PASS
Band2 6	1.4MHz	16QAM	26783	6RB#0	1.088	1.239	PASS
Band2 6	3MHz	QPSK	26705	15RB#0	2.697	3.012	PASS
Band2 6	3MHz	QPSK	26740	15RB#0	2.697	3.018	PASS
Band2 6	3MHz	QPSK	26775	15RB#0	2.685	3.006	PASS
Band2 6	3MHz	64QAM	26705	15RB#0	2.691	2.988	PASS
Band2 6	3MHz	64QAM	26740	15RB#0	2.685	3.000	PASS
Band2 6	3MHz	64QAM	26775	15RB#0	2.691	2.994	PASS
Band2 6	3MHz	16QAM	26705	15RB#0	2.685	2.982	PASS



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6							
Band2 6	3MHz	16QAM	26740	15RB#0	2.685	2.988	PASS
Band2 6	3MHz	16QAM	26775	15RB#0	2.685	2.976	PASS
Band2 6	5MHz	QPSK	26715	25RB#0	4.476	4.900	PASS
Band2 6	5MHz	QPSK	26740	25RB#0	4.466	4.910	PASS
Band2 6	5MHz	QPSK	26765	25RB#0	4.466	4.890	PASS
Band2 6	5MHz	64QAM	26715	25RB#0	4.476	4.880	PASS
Band2 6	5MHz	64QAM	26740	25RB#0	4.476	4.870	PASS
Band2 6	5MHz	64QAM	26765	25RB#0	4.476	4.870	PASS
Band2 6	5MHz	16QAM	26715	25RB#0	4.496	4.910	PASS
Band2 6	5MHz	16QAM	26740	25RB#0	4.486	4.910	PASS
Band2 6	5MHz	16QAM	26765	25RB#0	4.486	4.910	PASS
Band2 6	10MHz	QPSK	26740	50RB#0	8.931	9.720	PASS
Band2 6	10MHz	64QAM	26740	50RB#0	8.931	9.620	PASS
Band2 6	10MHz	16QAM	26740	50RB#0	8.951	9.700	PASS

4.2. Test Plots

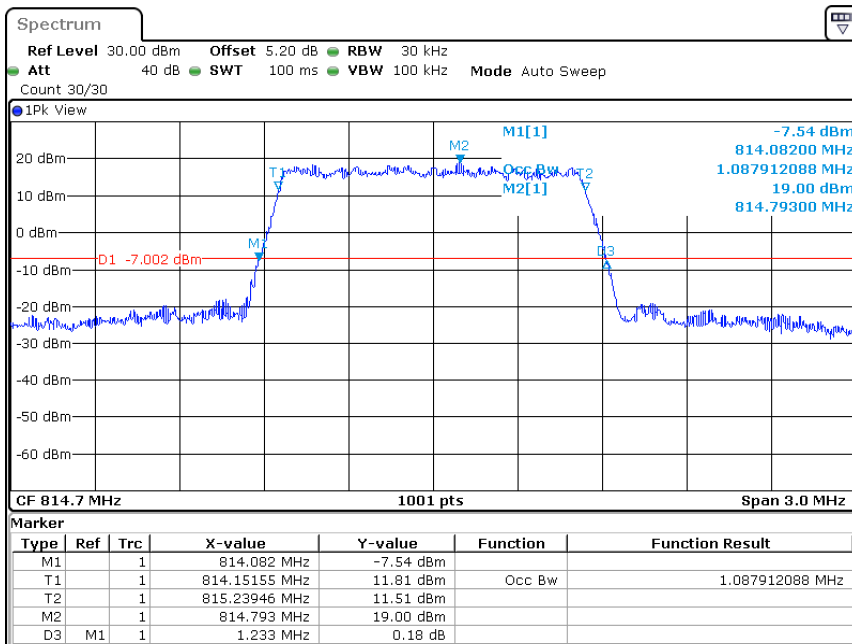
Band26-1.4MHz-QPSK-26697-6RB#0-1.088



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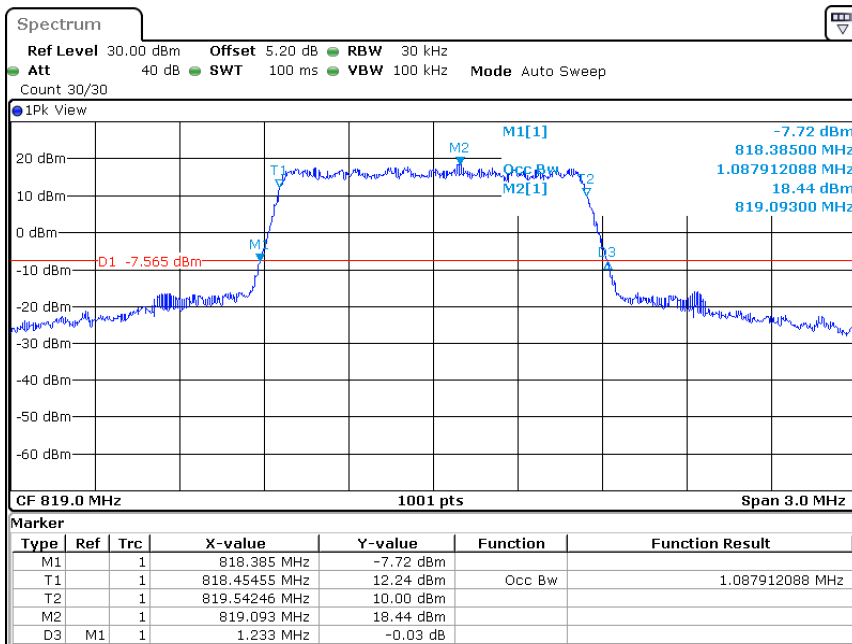
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Date: 16 JUL 2020 03:32:18

Band26-1.4MHz-QPSK-26740-6RB#0-1.088



Date: 16 JUL 2020 03:32:50



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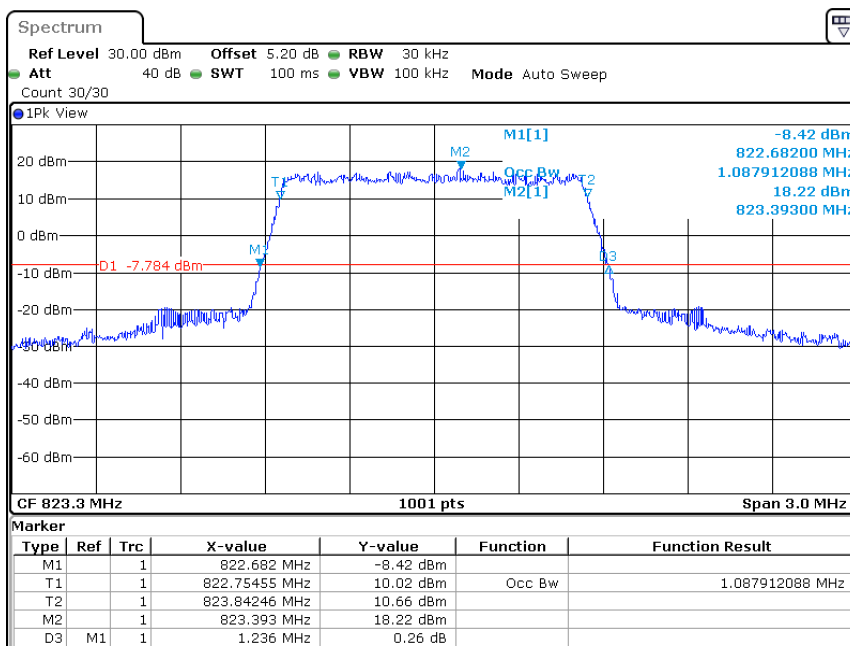
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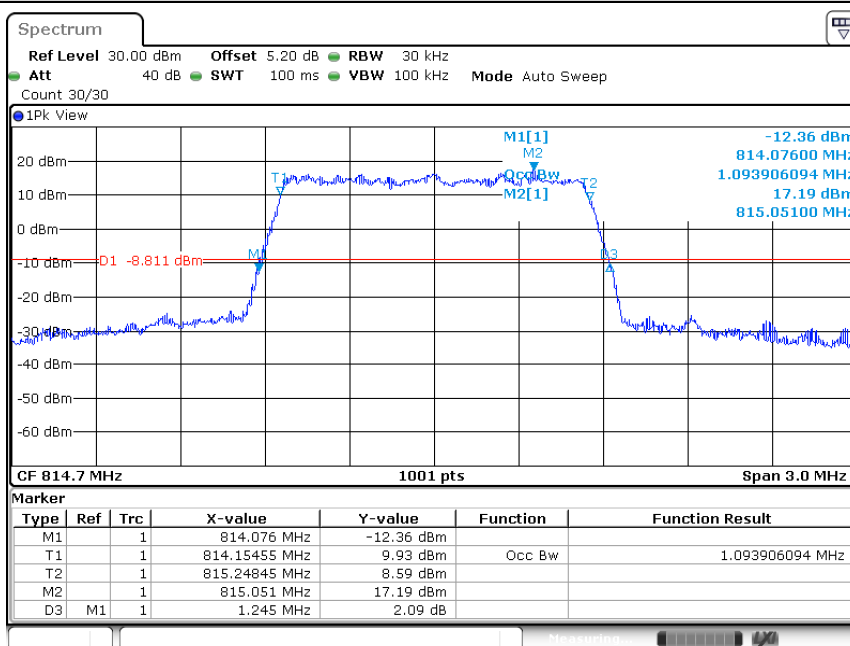


Band26-1.4MHz-QPSK-26783-6RB#0-1.088



Date: 16 JUL 2020 03:33:15

Band26-1.4MHz-64QAM-26697-6RB#0-1.094



Date: 12 AUG 2020 12:21:30



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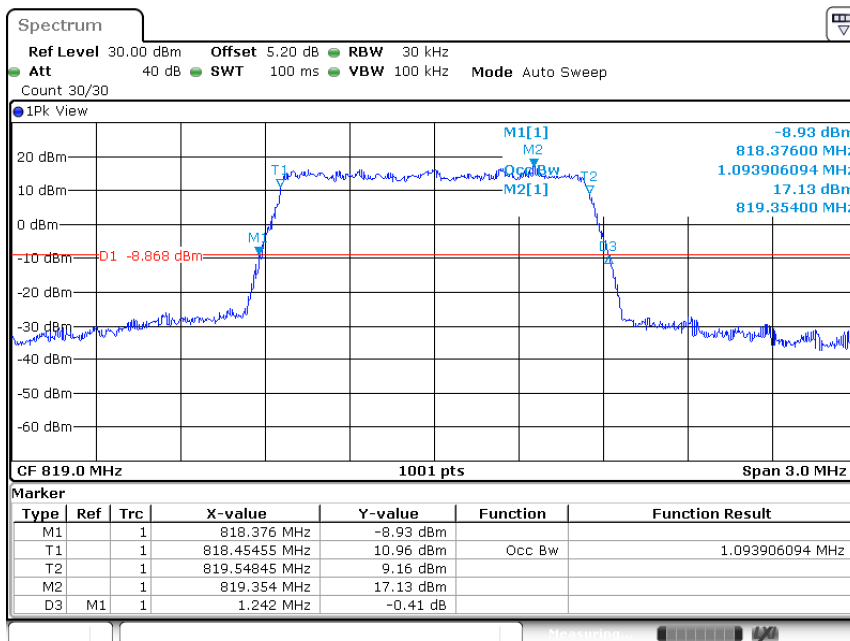
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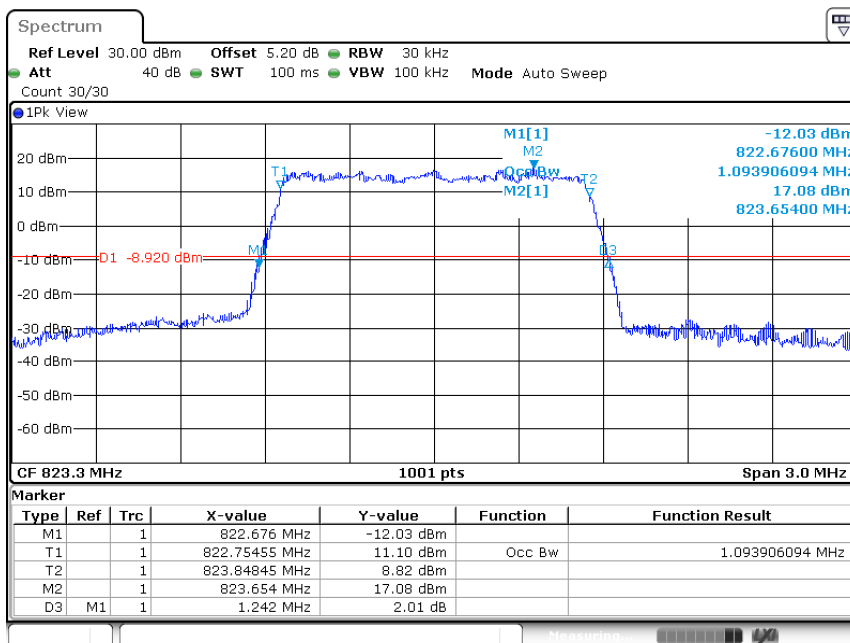


Band26-1.4MHz-64QAM-26740-6RB#0-1.094



Date: 12.AUG.2020 12:21:43

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



Date: 12.AUG.2020 12:21:56



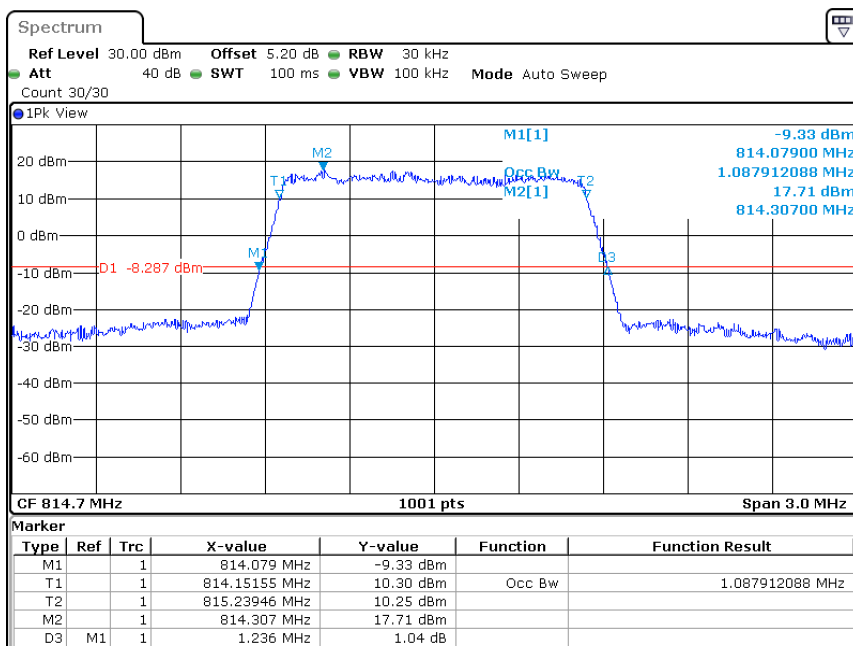
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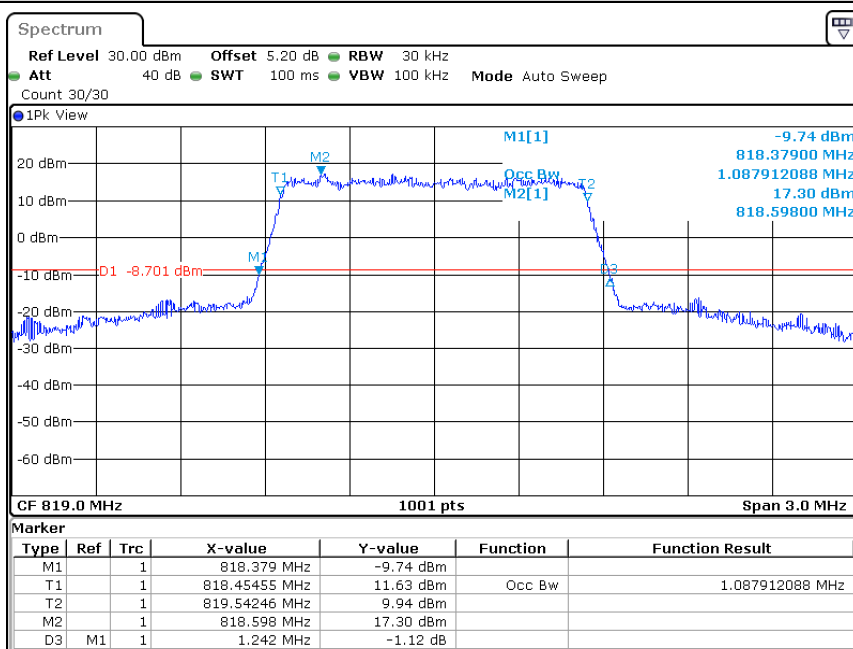
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Band26-1.4MHz-16QAM-26697-6RB#0-1.088



Date: 16 JUL 2020 03:32:31

Band26-1.4MHz-16QAM-26740-6RB#0-1.088

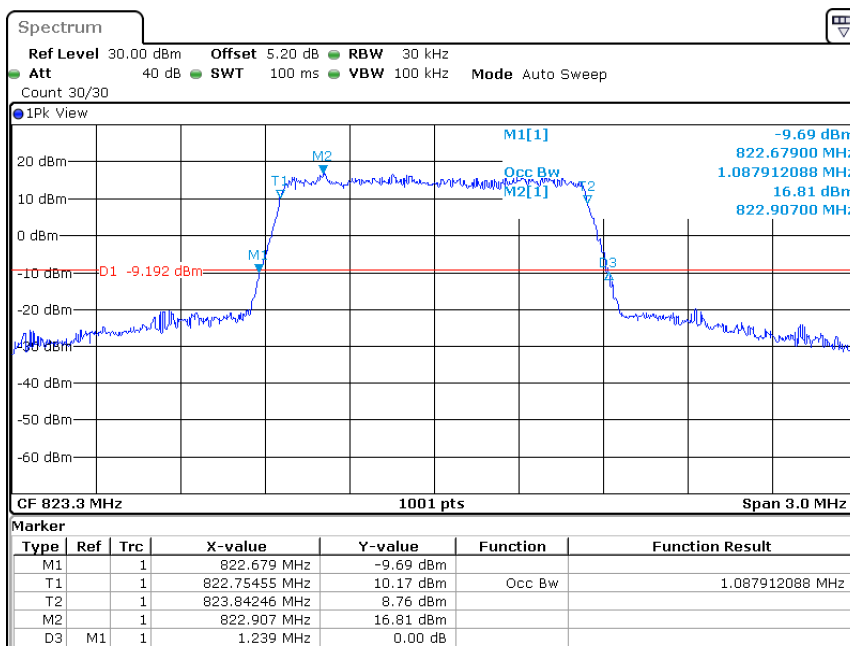


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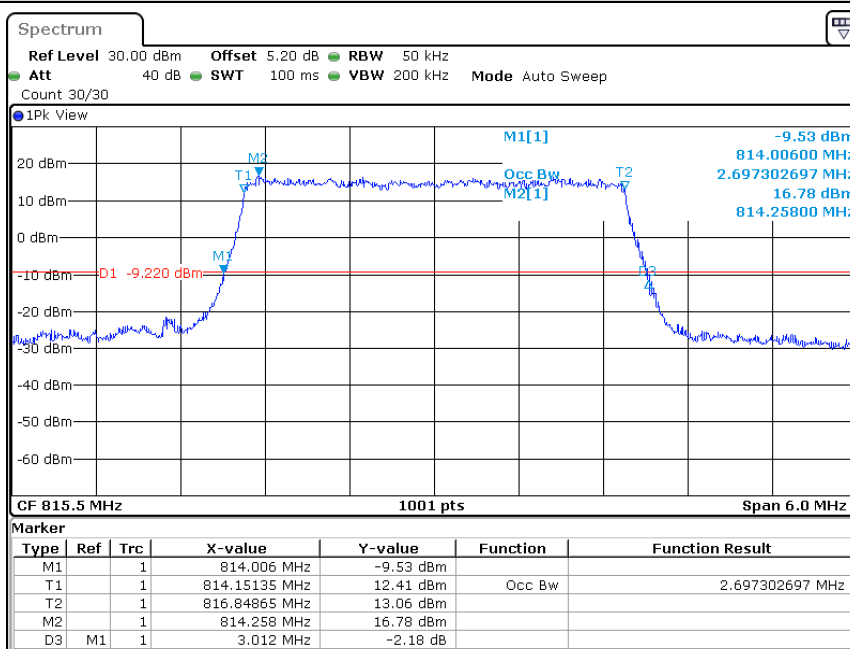


Band26-1.4MHz-16QAM-26783-6RB#0-1.088



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



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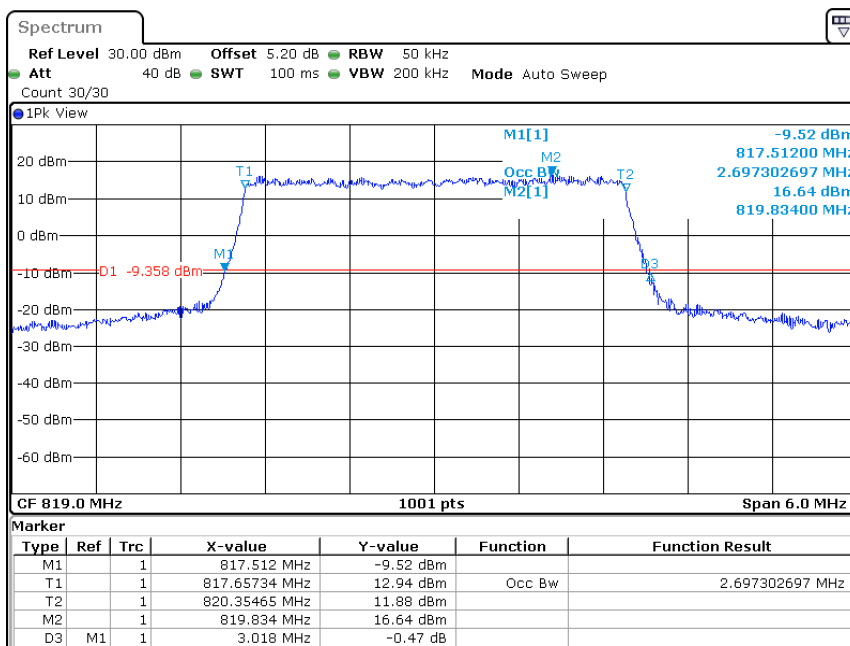
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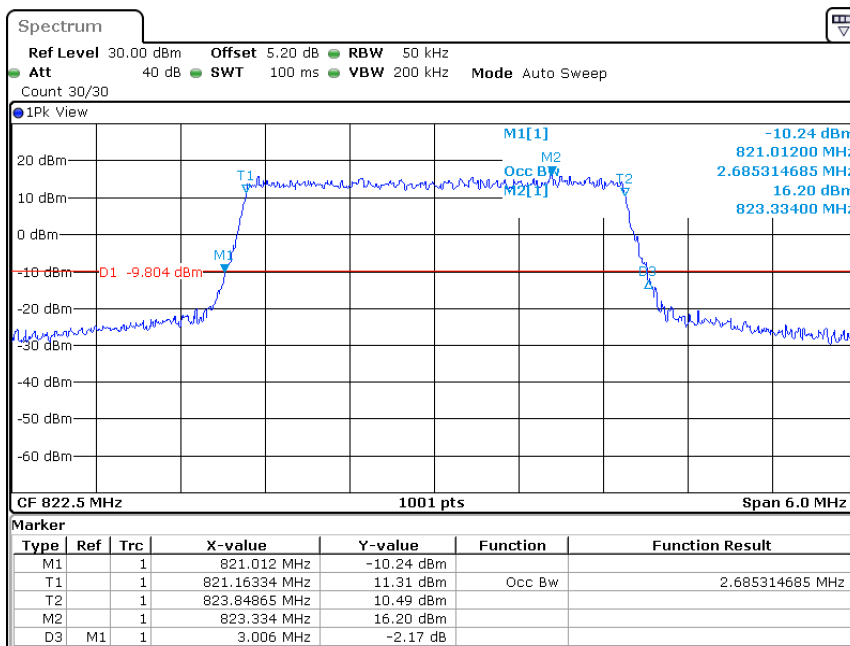


Band26-3MHz-QPSK-26740-15RB#0-2.697



Date: 16 JUL 2020 03:34:11

Band26-3MHz-QPSK-26775-15RB#0-2.685



Date: 16 JUL 2020 03:34:38



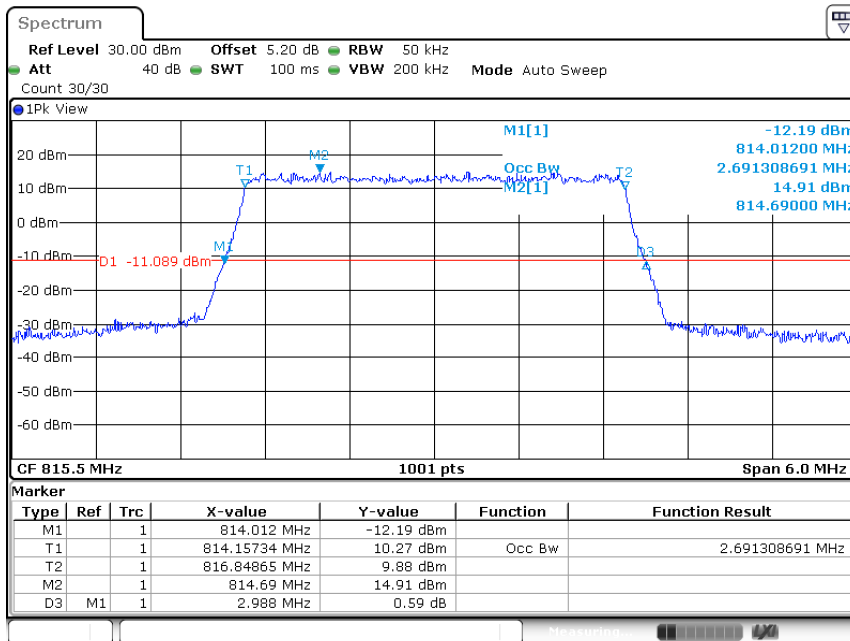
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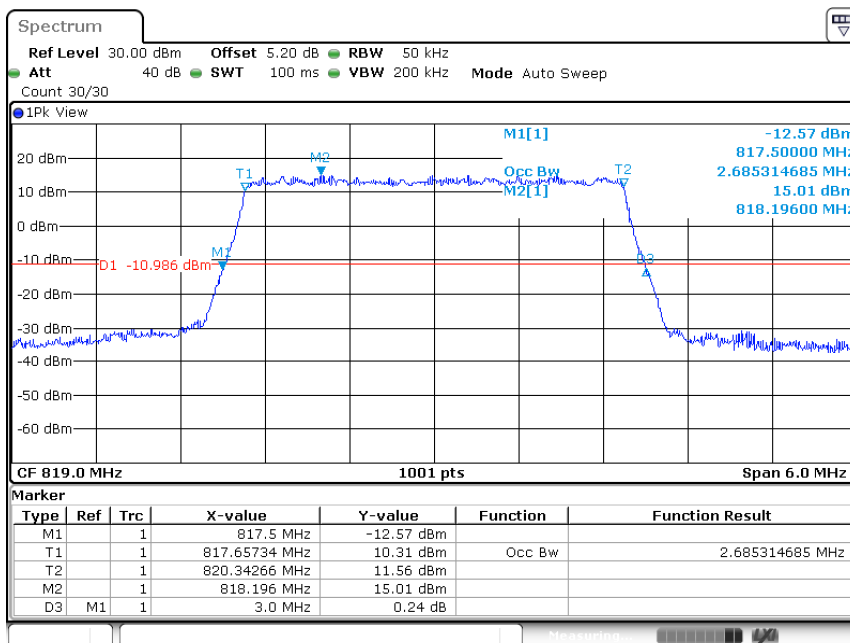


Band26-3MHz-64QAM-26705-15RB#0-2.691



Date: 12.AUG.2020 12:22:16

Band26-3MHz-64QAM-26740-15RB#0-2.685



Date: 12.AUG.2020 12:22:29

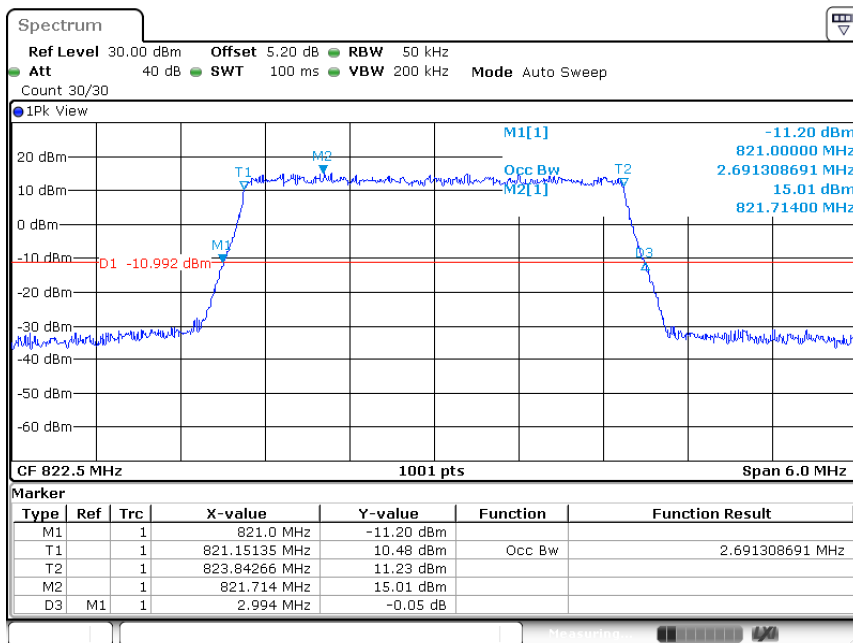


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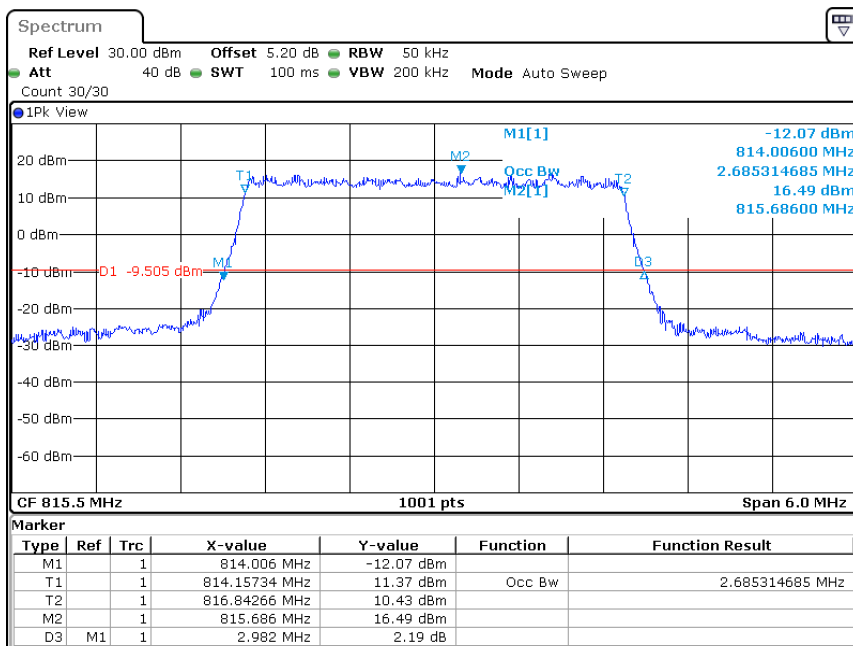
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Band26-3MHz-64QAM-26775-15RB#0-2.691



Date: 12.AUG.2020 12:22:42

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

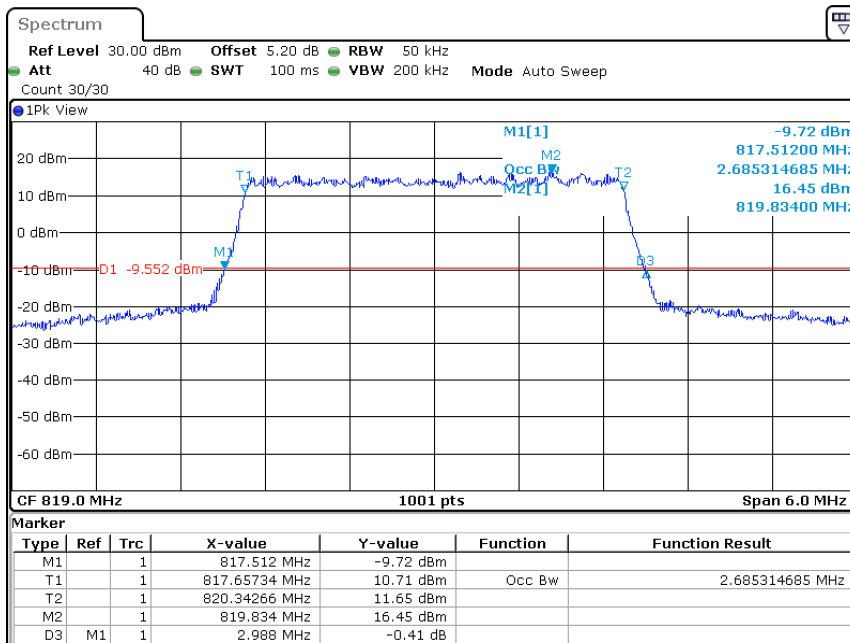


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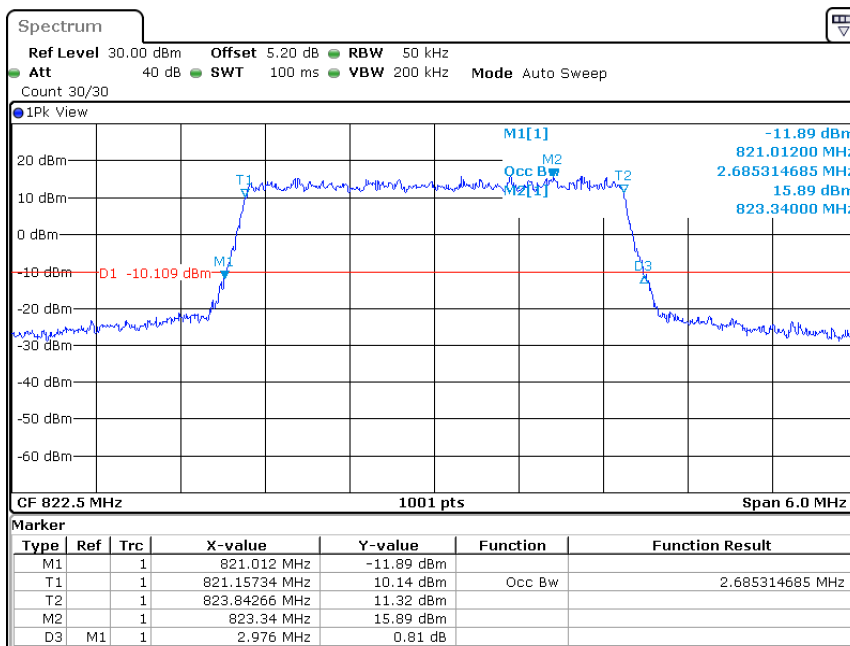


Band26-3MHz-16QAM-26740-15RB#0-2.685



Date: 16 JUL 2020 03:34:24

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



Date: 16 JUL 2020 03:34:50



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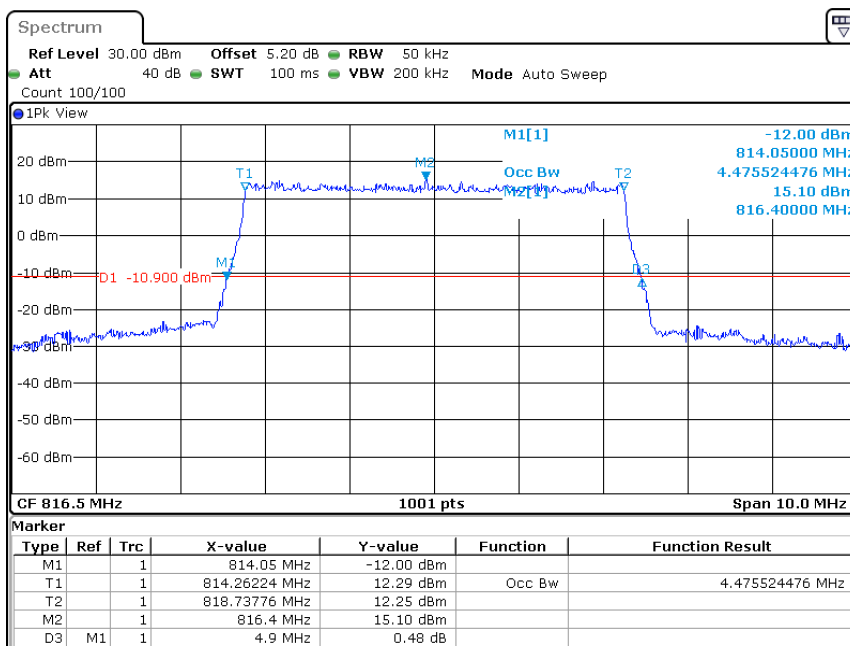
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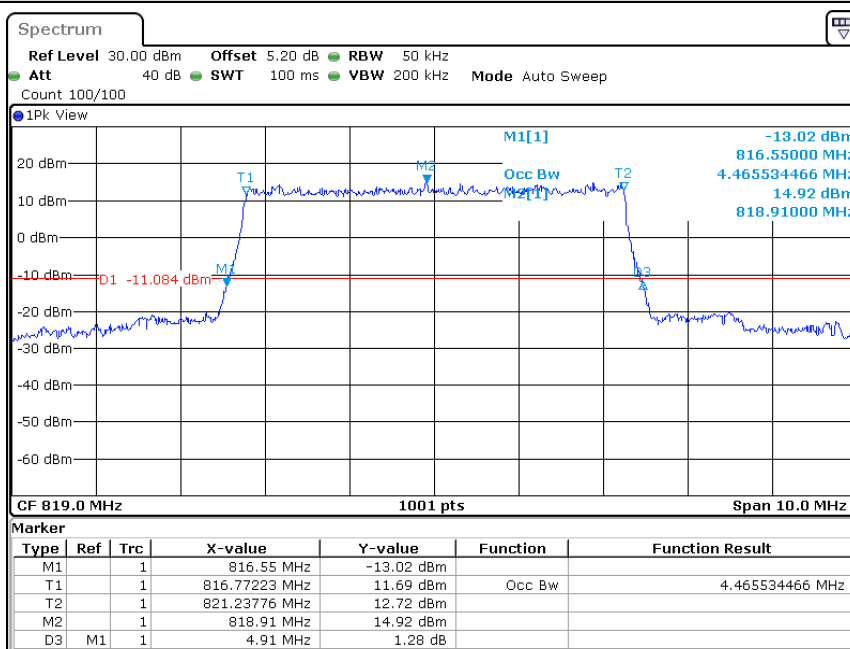


Band26-5MHz-QPSK-26715-25RB#0-4.476



Date: 16 JUL 2020 03:35:15

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



Date: 16 JUL 2020 03:35:55



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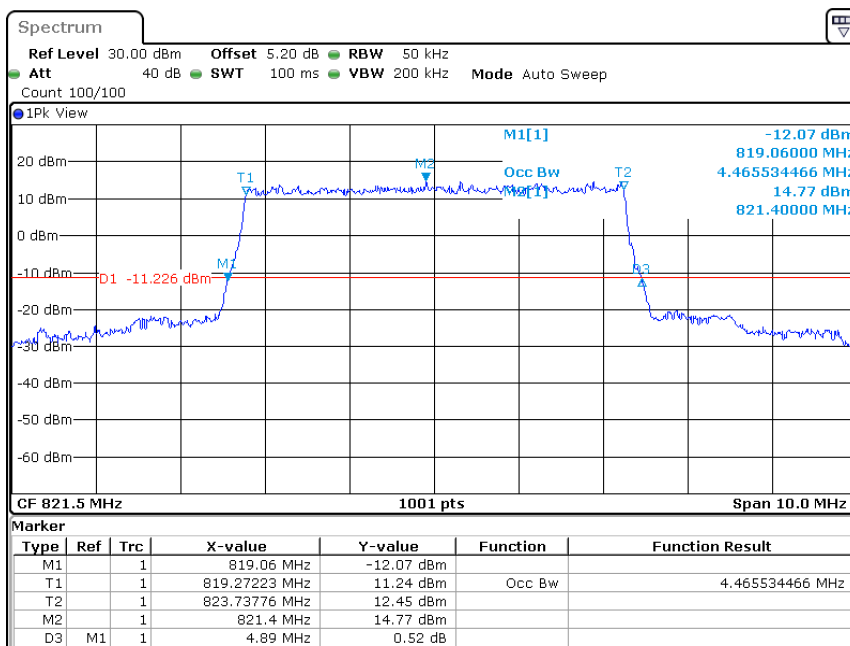
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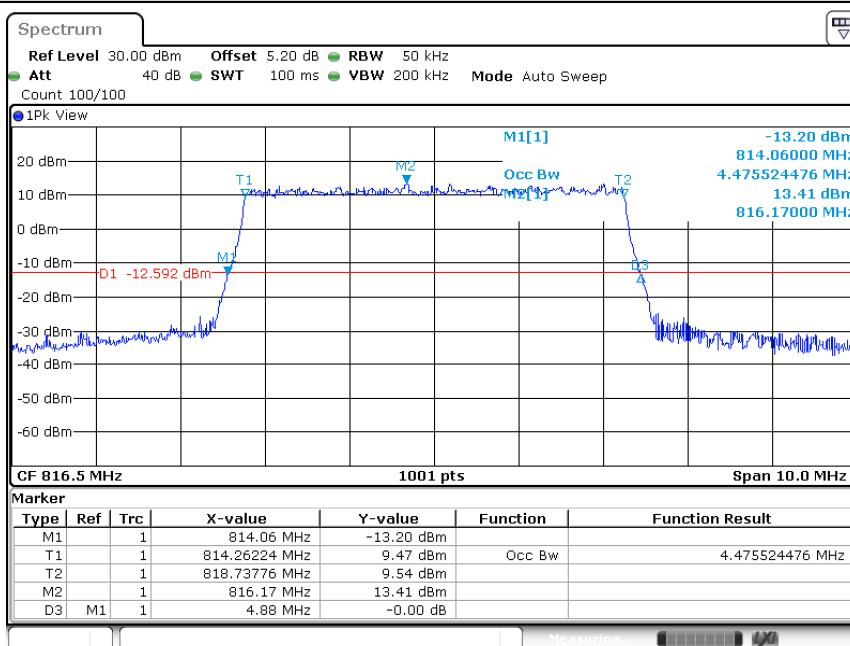


Band26-5MHz-QPSK-26765-25RB#0-4.466



Date: 16 JUL 2020 03:36:34

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



Date: 12 AUG 2020 12:23:08



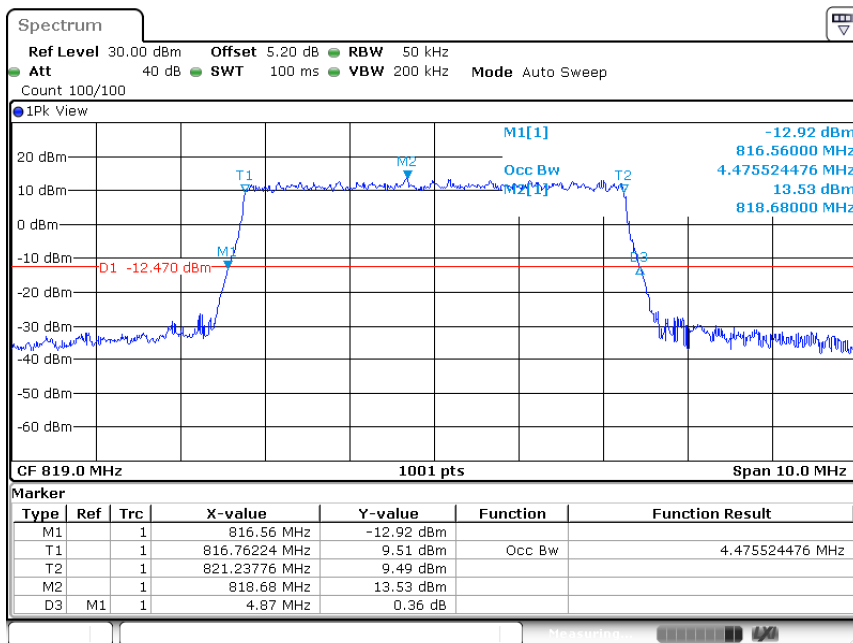
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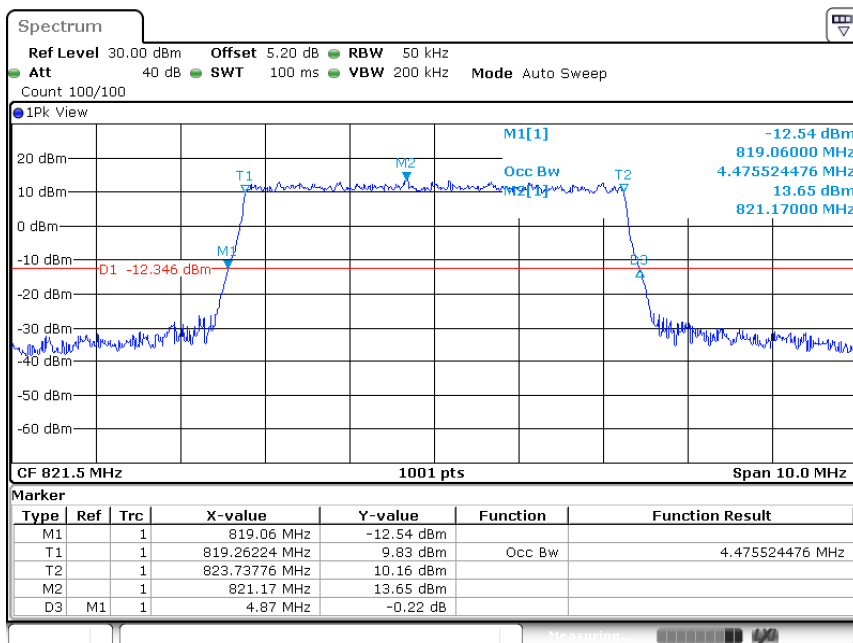


Band26-5MHz-64QAM-26740-25RB#0-4.476



Date: 12.AUG.2020 12:23:28

Band26-5MHz-64QAM-26765-25RB#0-4.476



Date: 12.AUG.2020 12:23:48

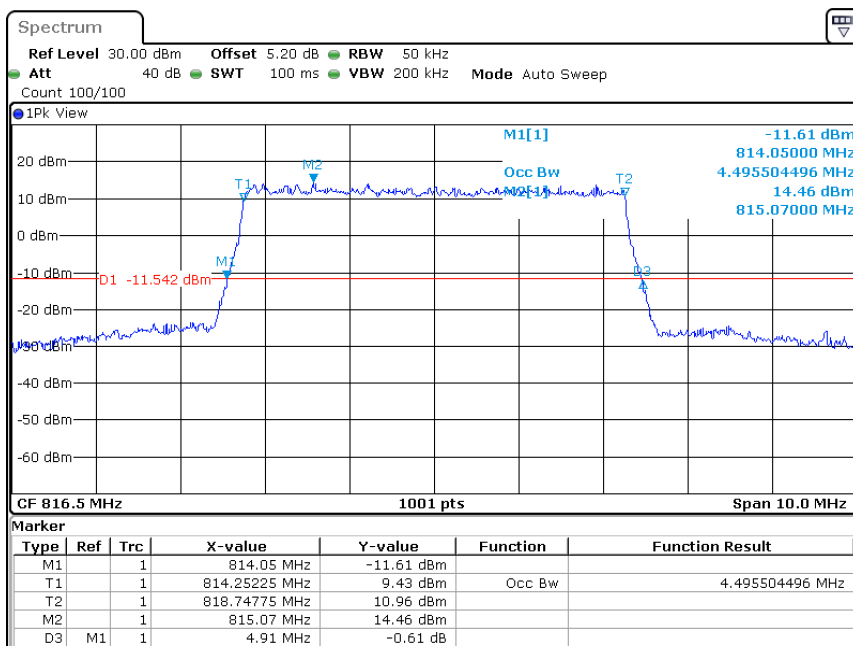


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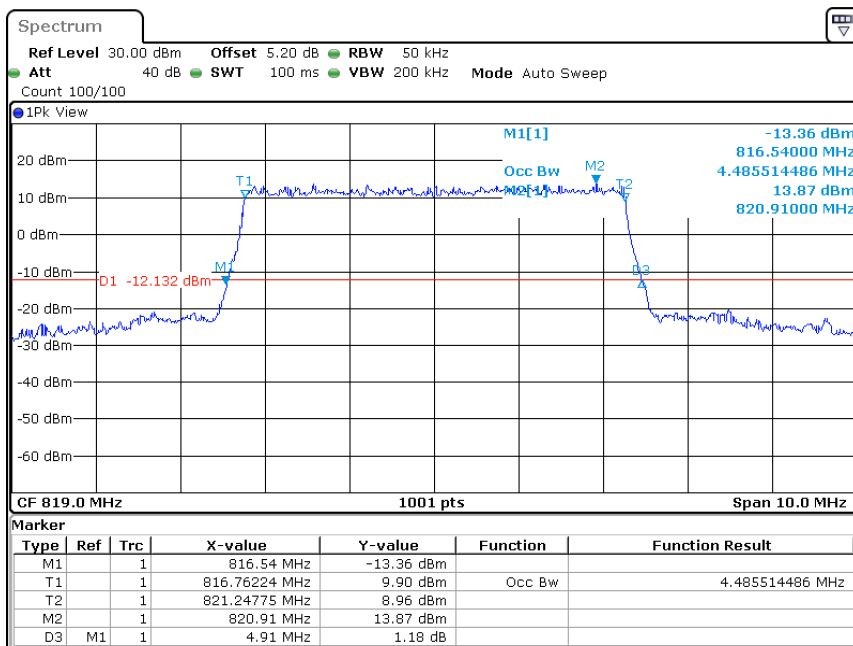
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Band26-5MHz-16QAM-26715-25RB#0-4.496



Date: 16 JUL 2020 03:35:35

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

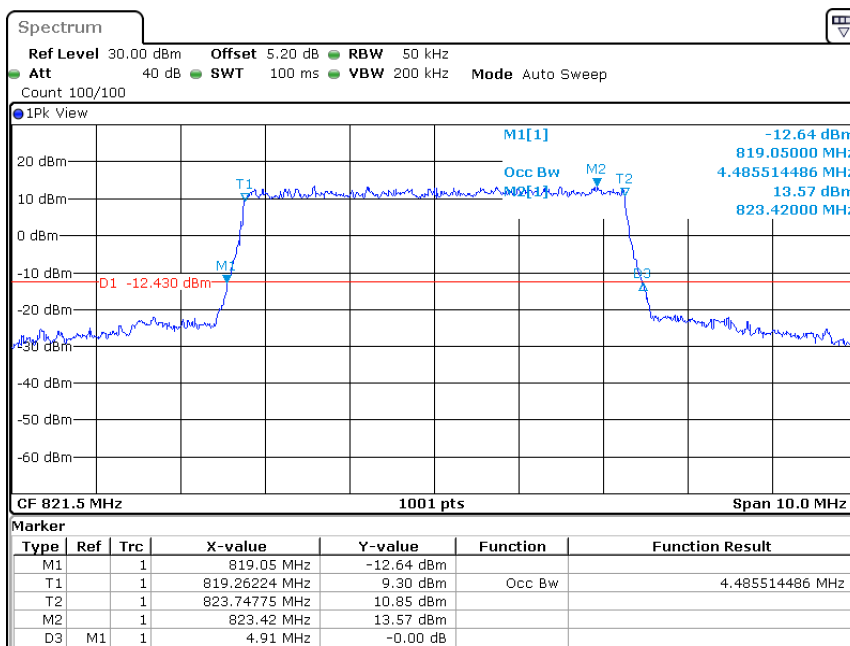


Date: 16 JUL 2020 03:36:14



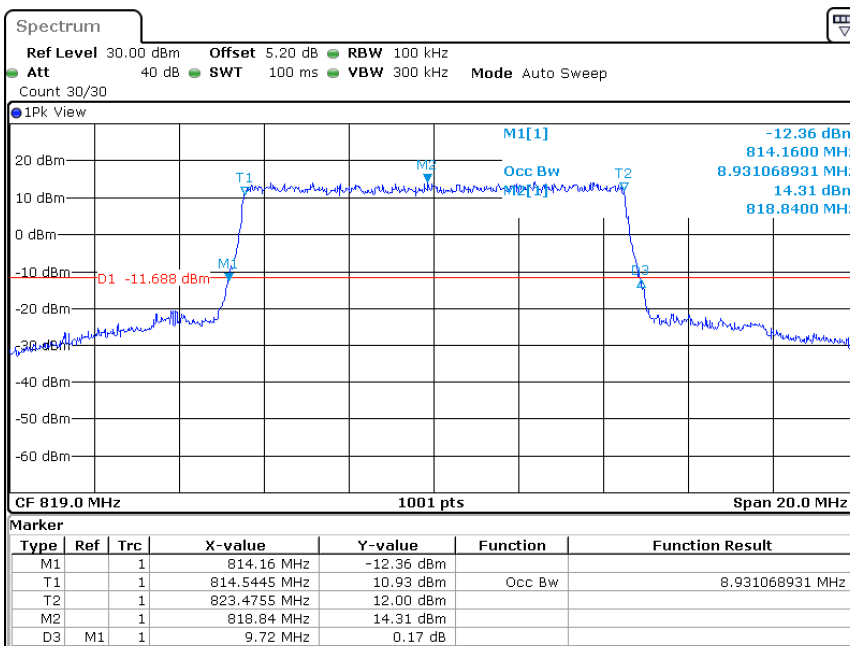


Band26-5MHz-16QAM-26765-25RB#0-4.486



Date: 16 JUL 2020 03:36:54

Band26-10MHz-QPSK-26740-50RB#0-8.931



Date: 16 JUL 2020 03:37:11



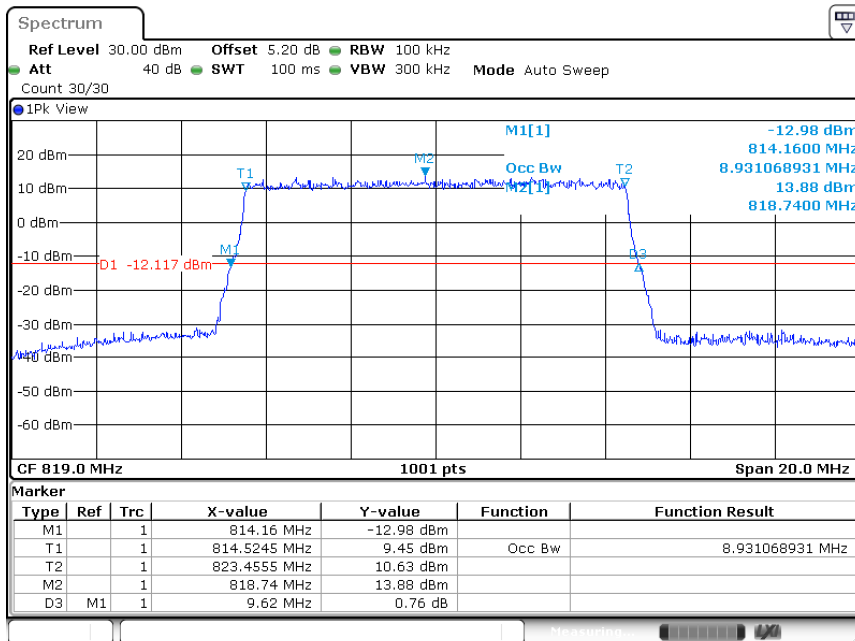
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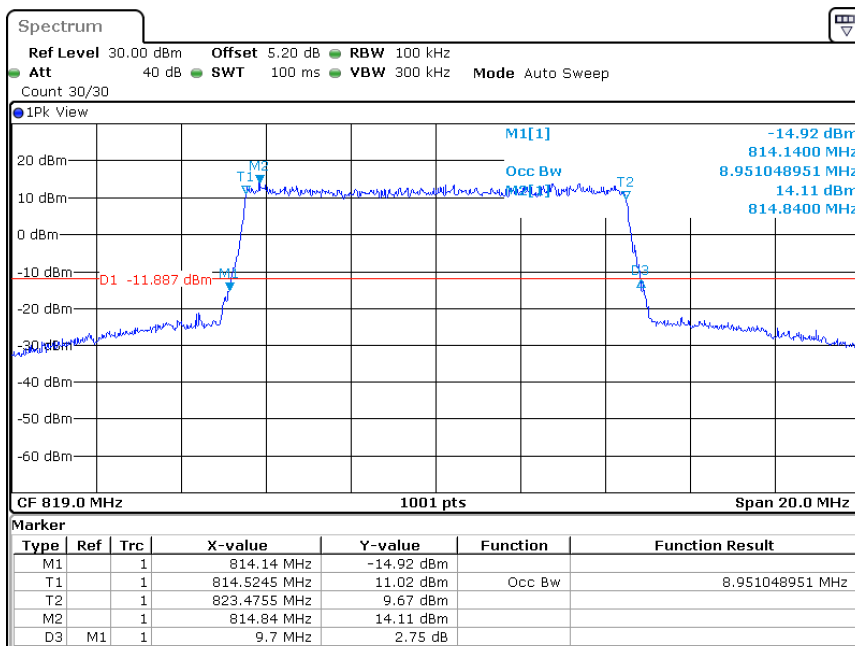


Band26-10MHz-64QAM-26740-50RB#0-8.931



Date: 12.AUG.2020 12:24:08

Band26-10MHz-16QAM-26740-50RB#0-8.951



Date: 16.JUL.2020 03:37:24



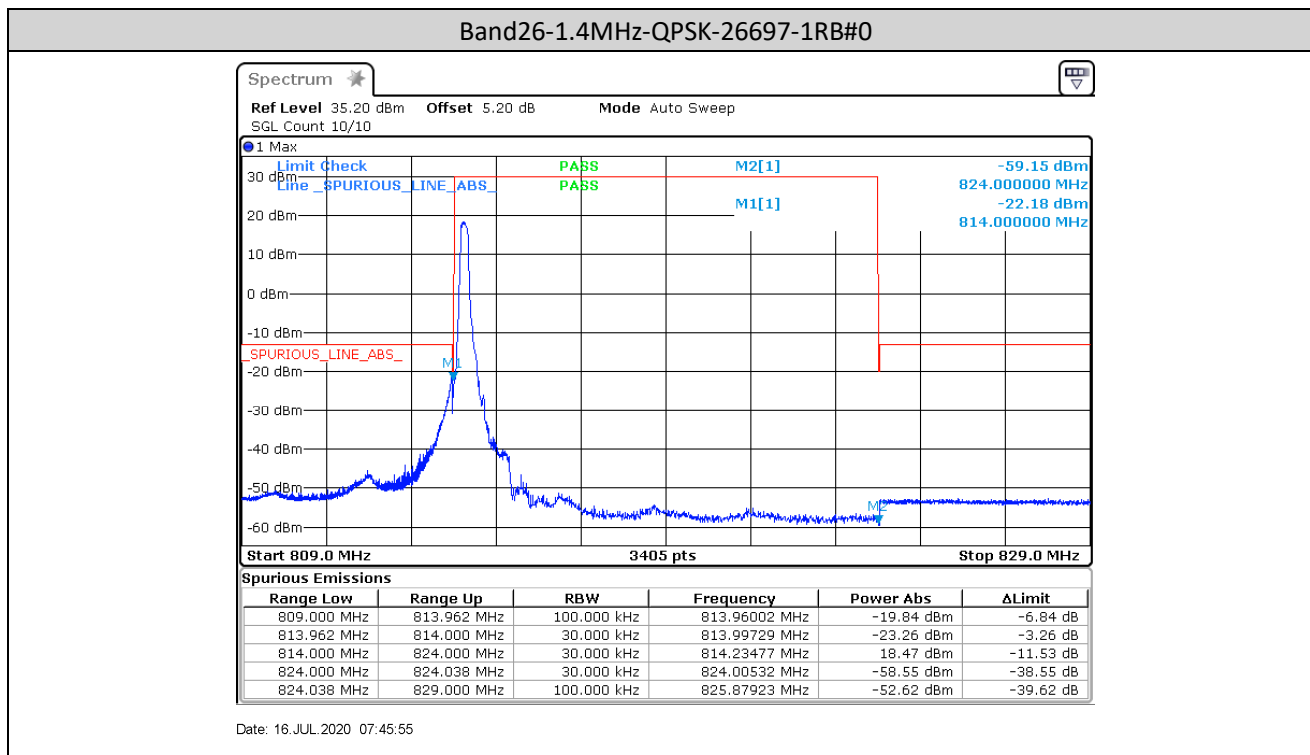
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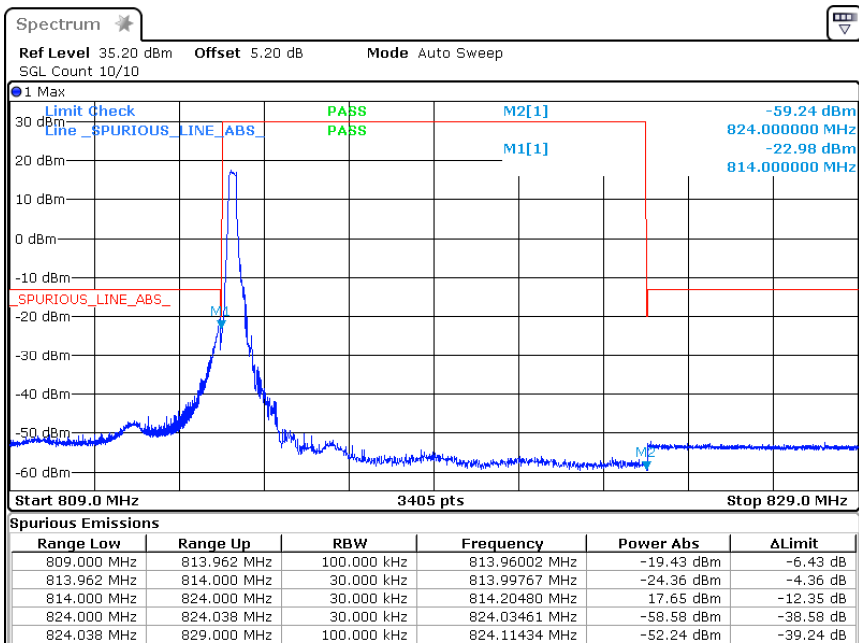
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5. Band Edge Compliance

5.1. Test Plots

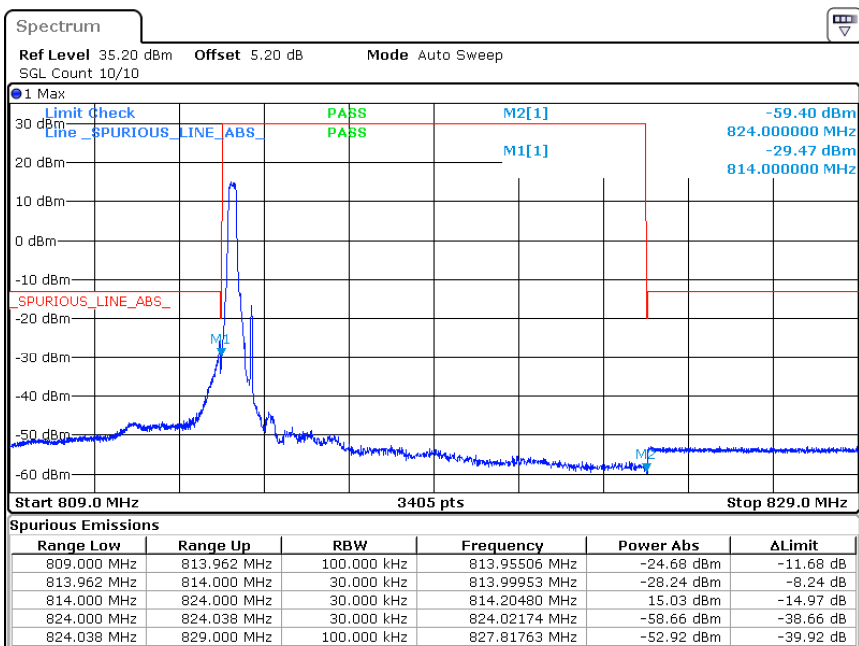


Band26-1.4MHz-16QAM-26697-1RB#0



Date: 16 JUL 2020 07:46:42

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



Date: 26 AUG 2020 10:33:52



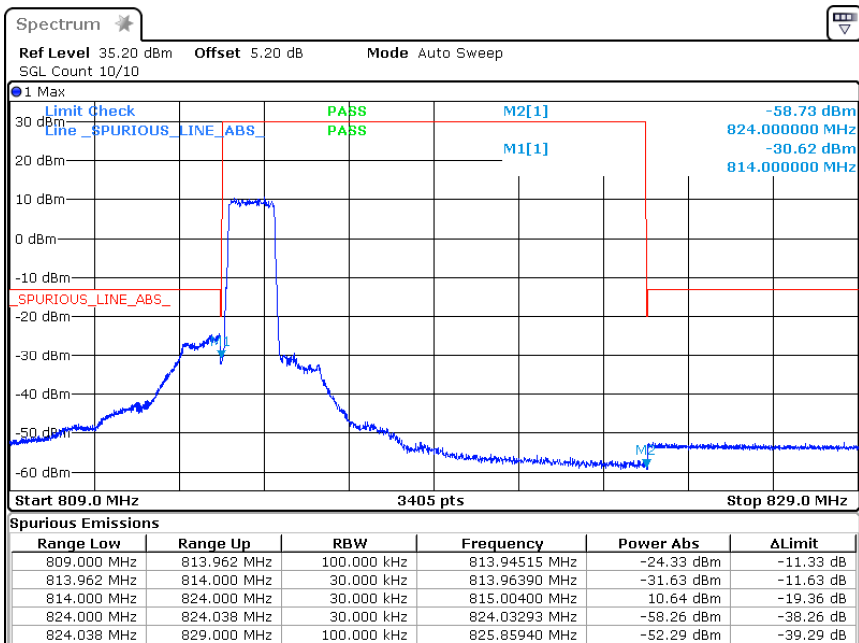
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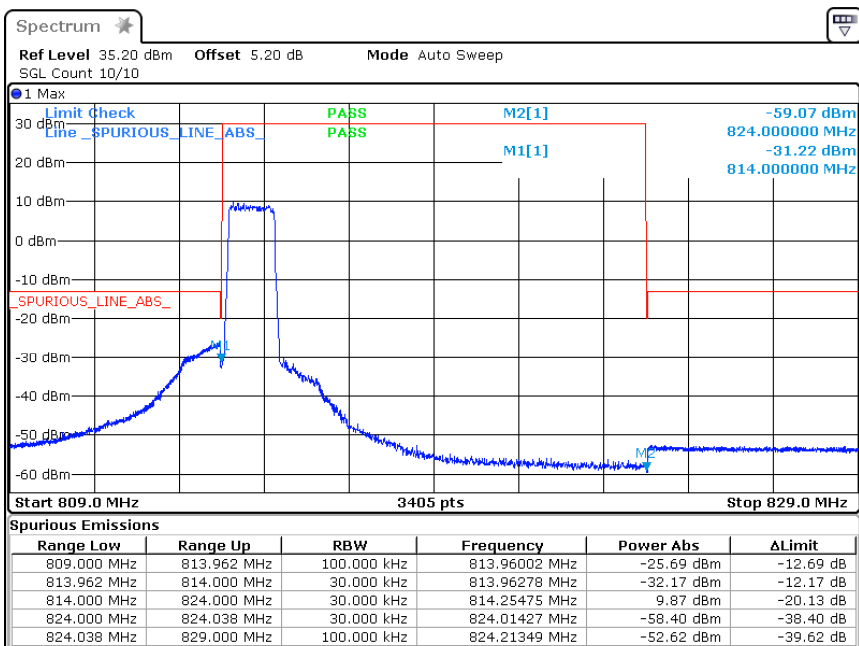
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Band26-1.4MHz-QPSK-26697-6RB#0



Date: 16 JUL 2020 07:48:48

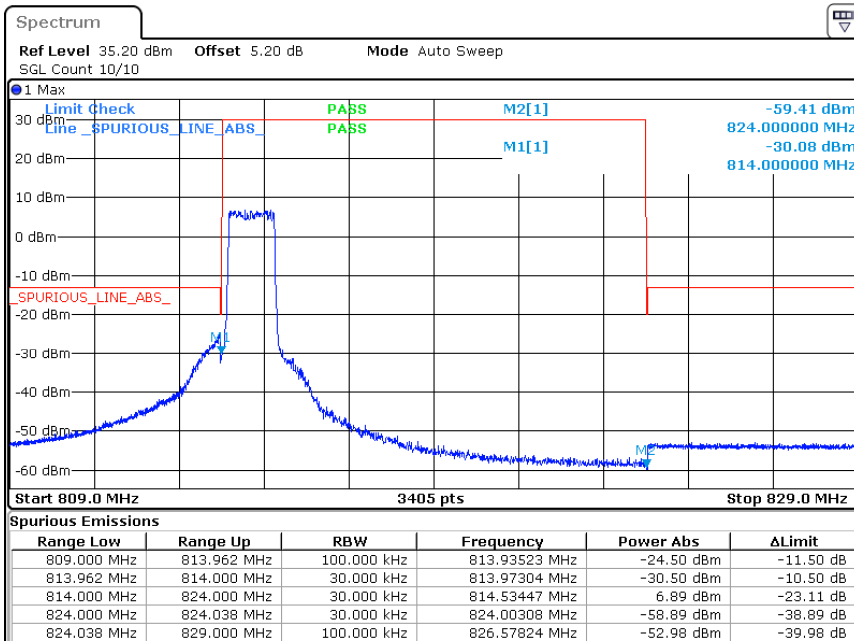
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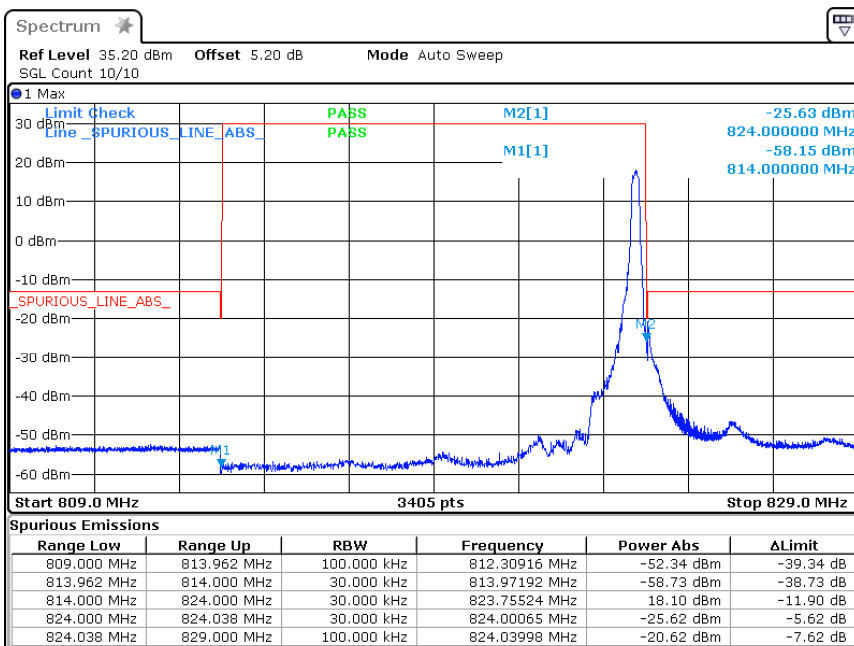


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Date: 26.AUG.2020 10:35:10

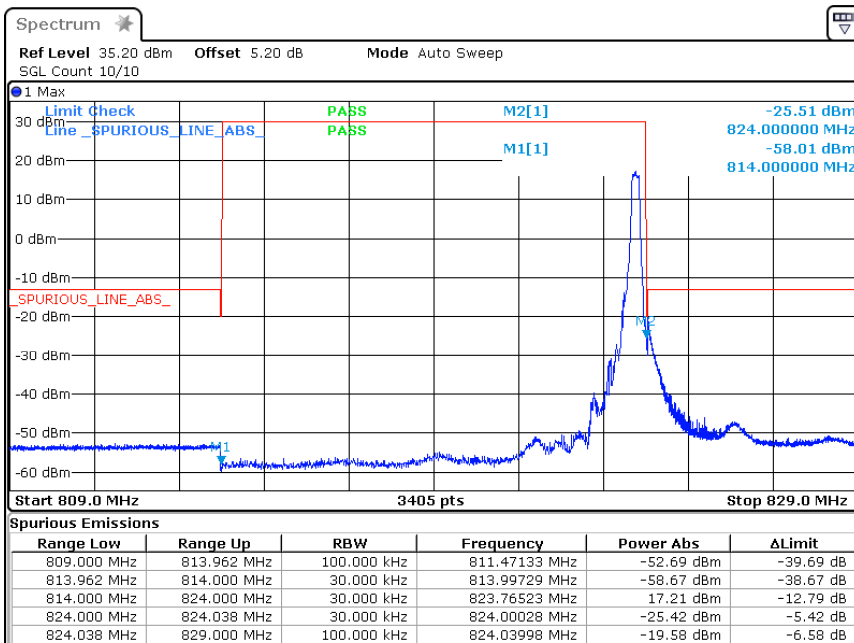
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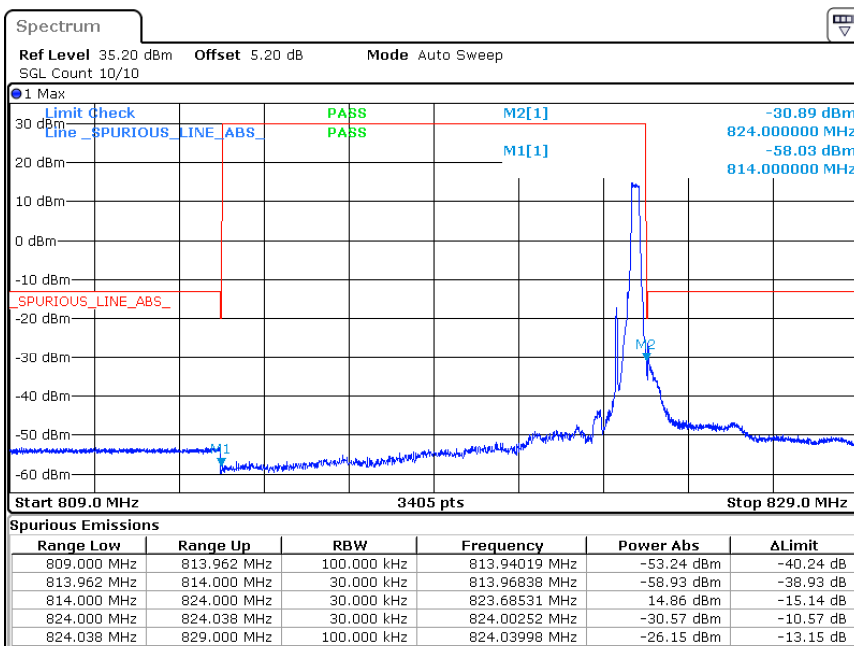


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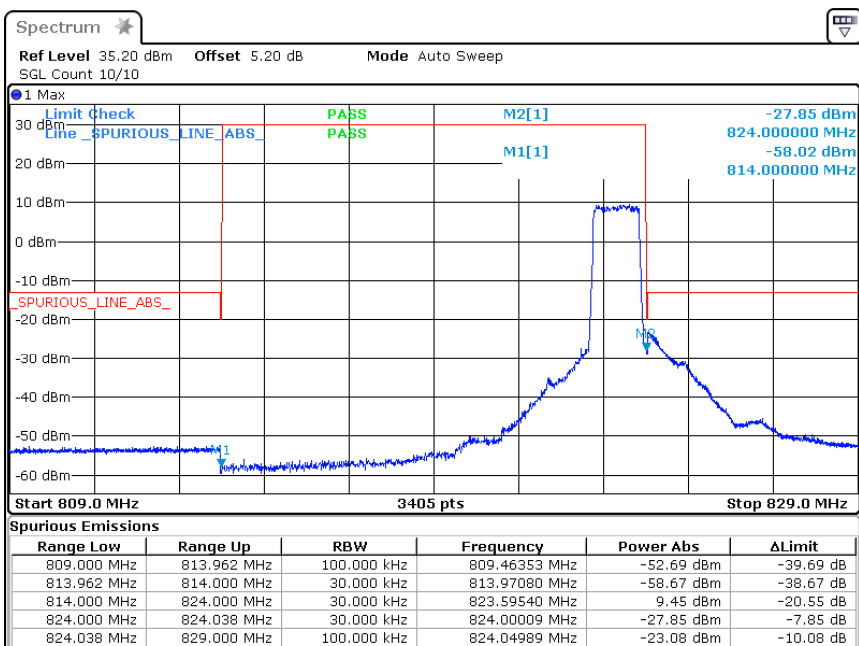
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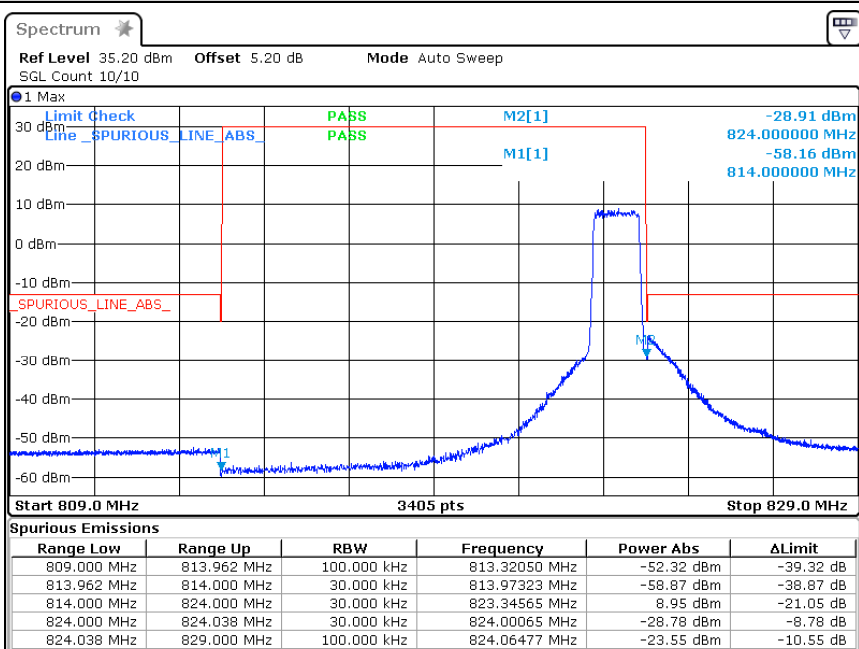


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Date: 16 JUL 2020 07:50:37

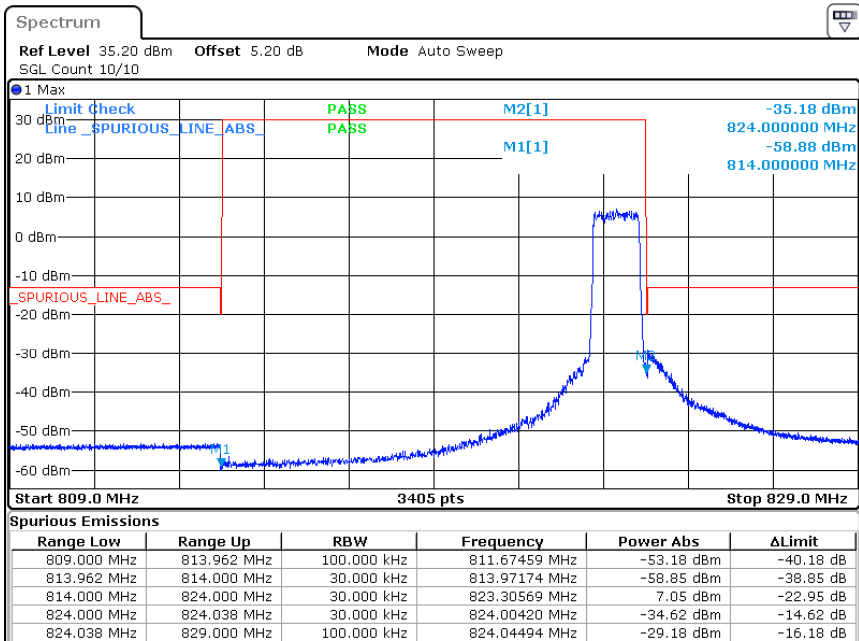
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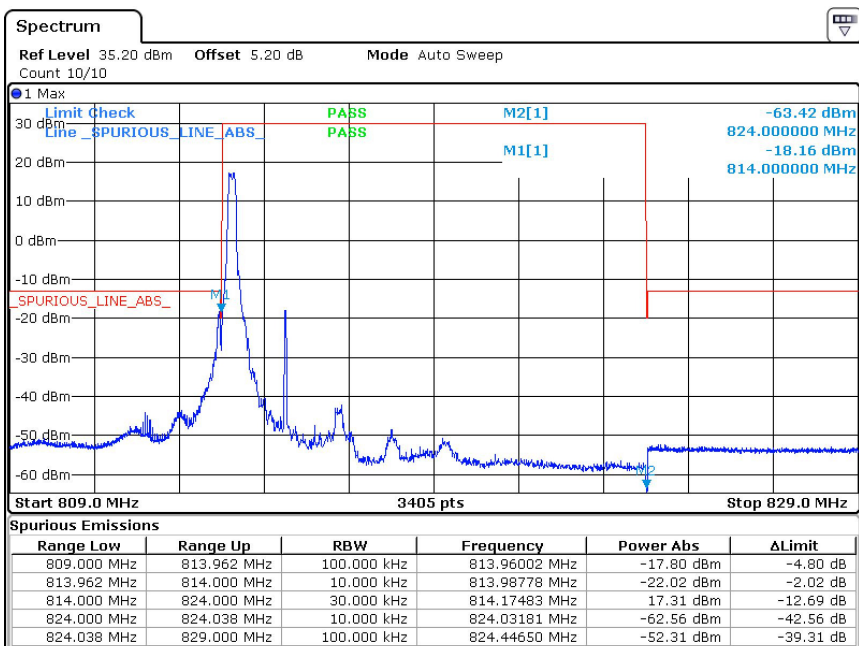


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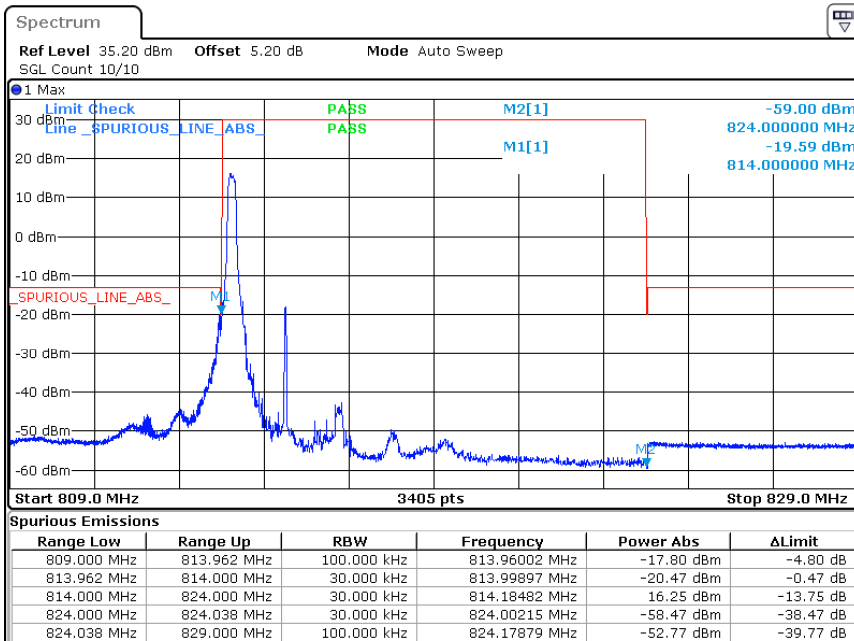
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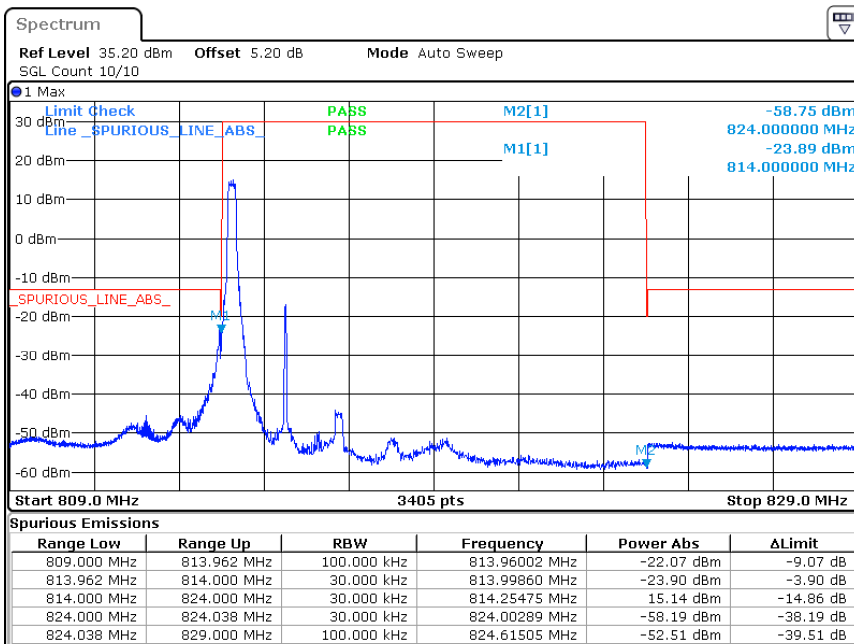


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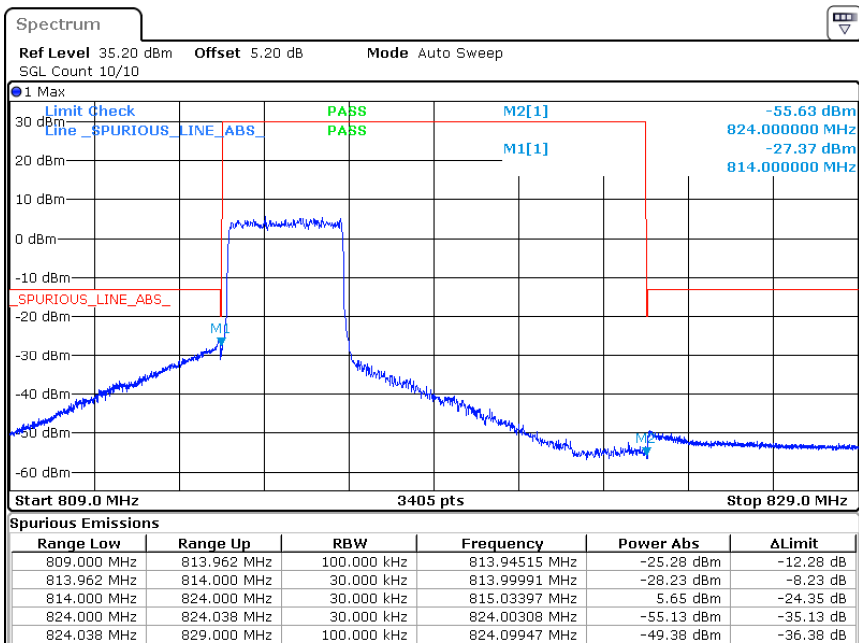
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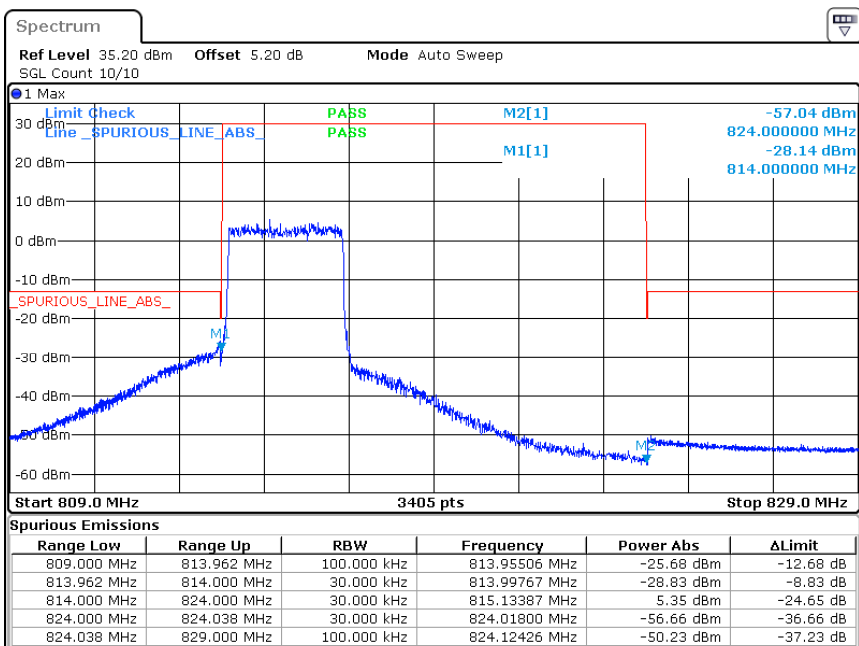


Band26-3MHz-QPSK-26705-15RB#0



Date: 26.AUG.2020 10:40:19

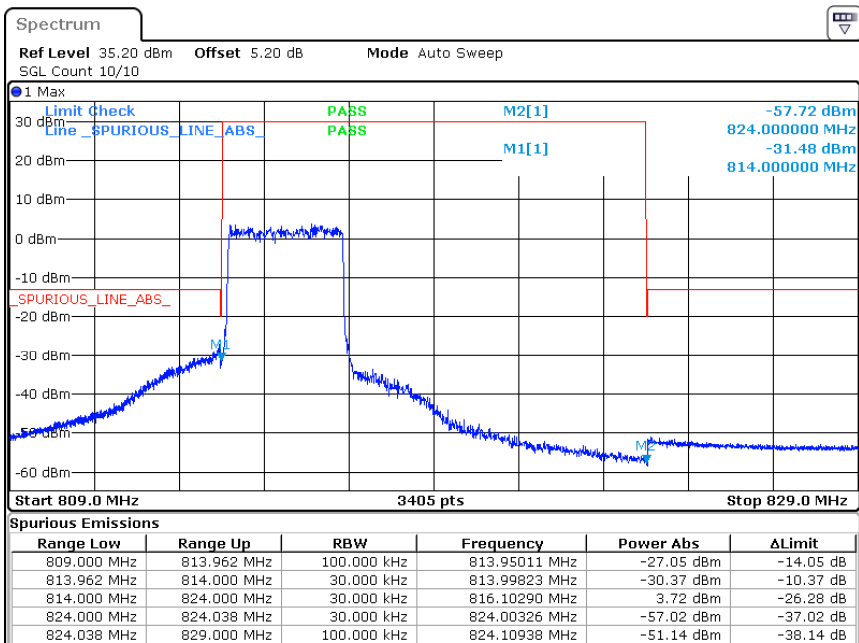
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Date: 26.AUG.2020 10:40:57

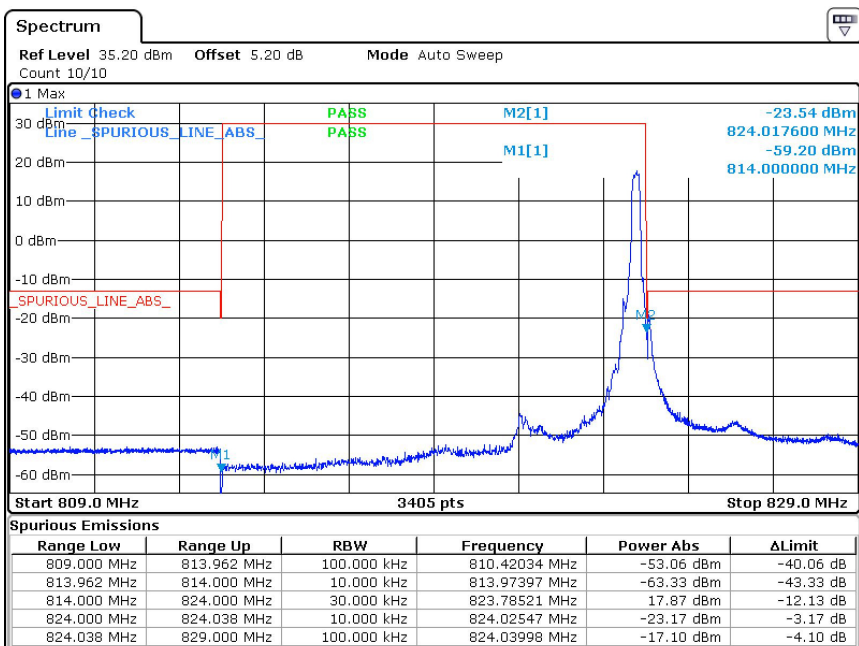


Band26-3MHz-64QAM-26705-15RB#0



Date: 26.AUG.2020 10:41:36

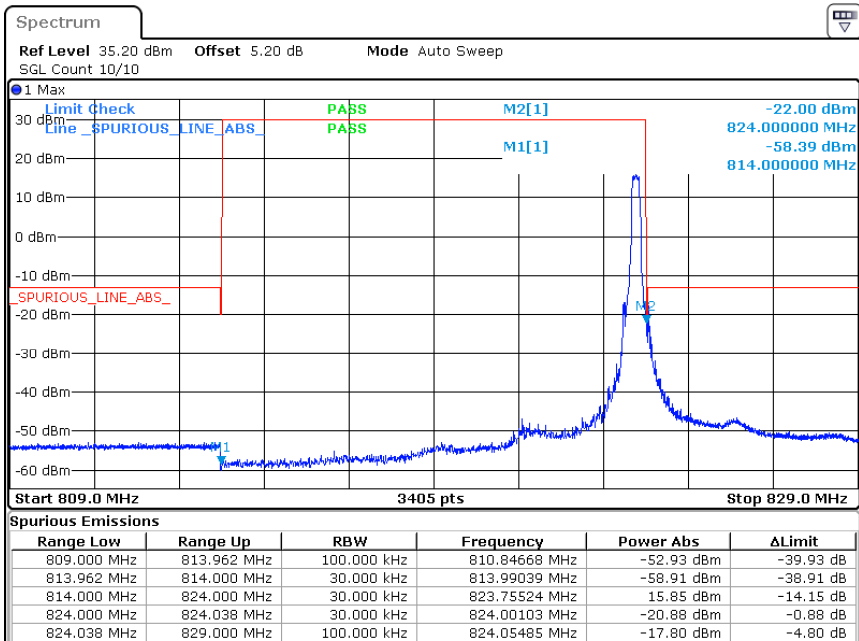
Band26-3MHz-QPSK-26775-1RB#14



Date: 26.AUG.2020 10:56:23

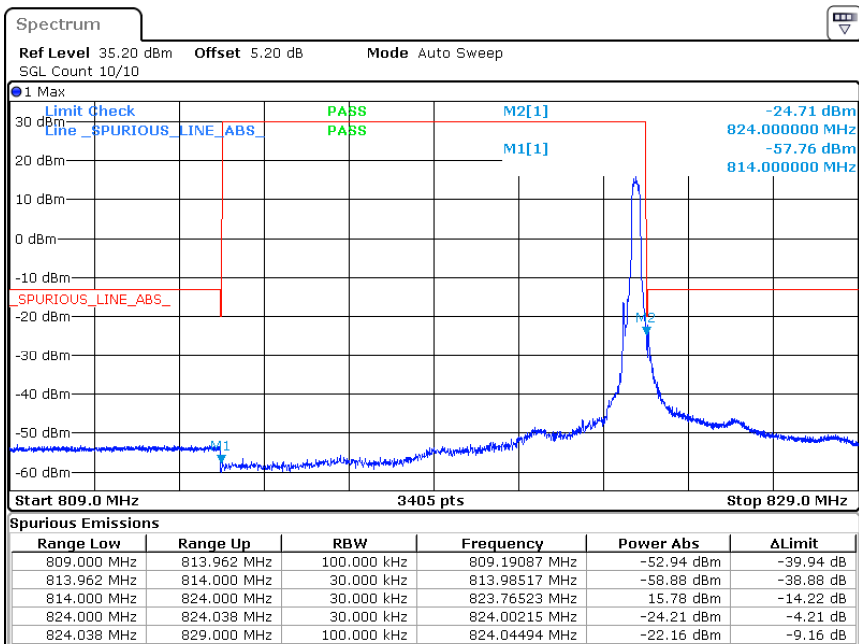


Band26-3MHz-16QAM-26775-1RB#14



Date: 26.AUG.2020 10:39:02

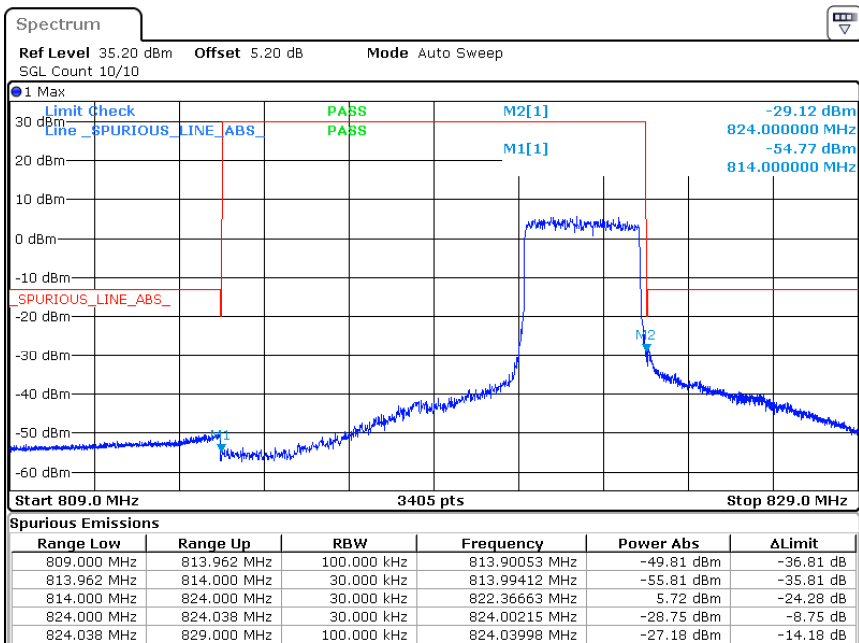
Band26-3MHz-64QAM-26775-1RB#14



Date: 26.AUG.2020 10:39:40

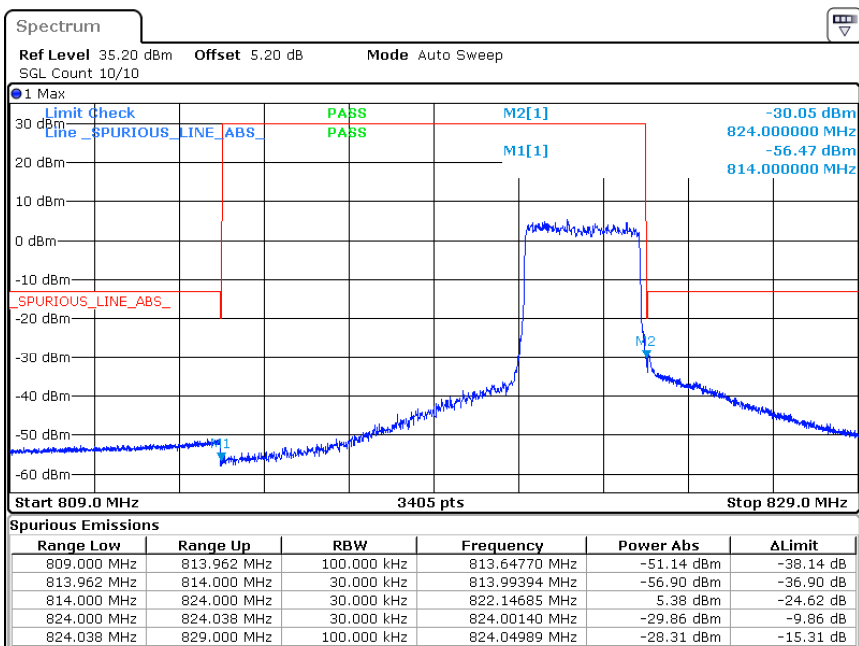


Band26-3MHz-QPSK-26775-15RB#0



Date: 26.AUG.2020 10:42:14

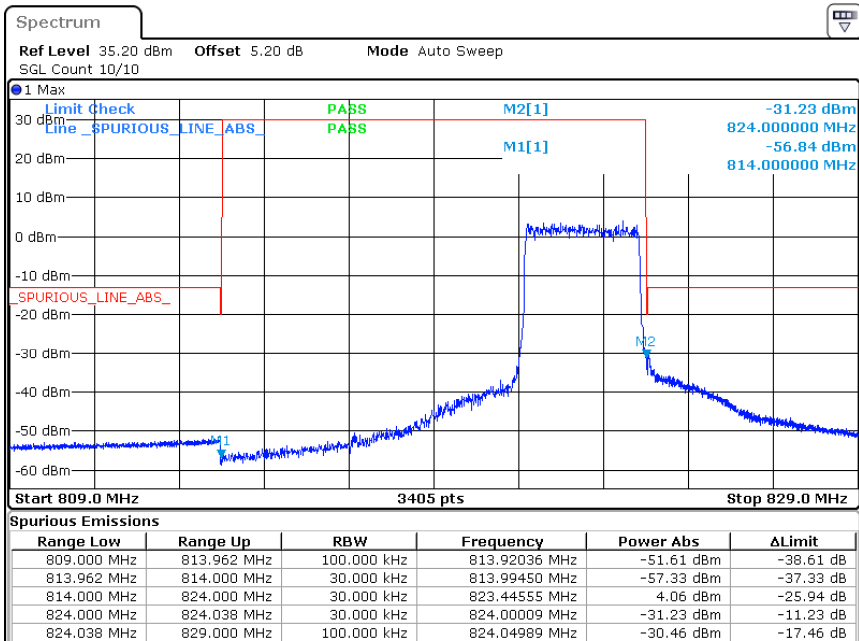
Band26-3MHz-16QAM-26775-15RB#0



Date: 26.AUG.2020 10:42:52

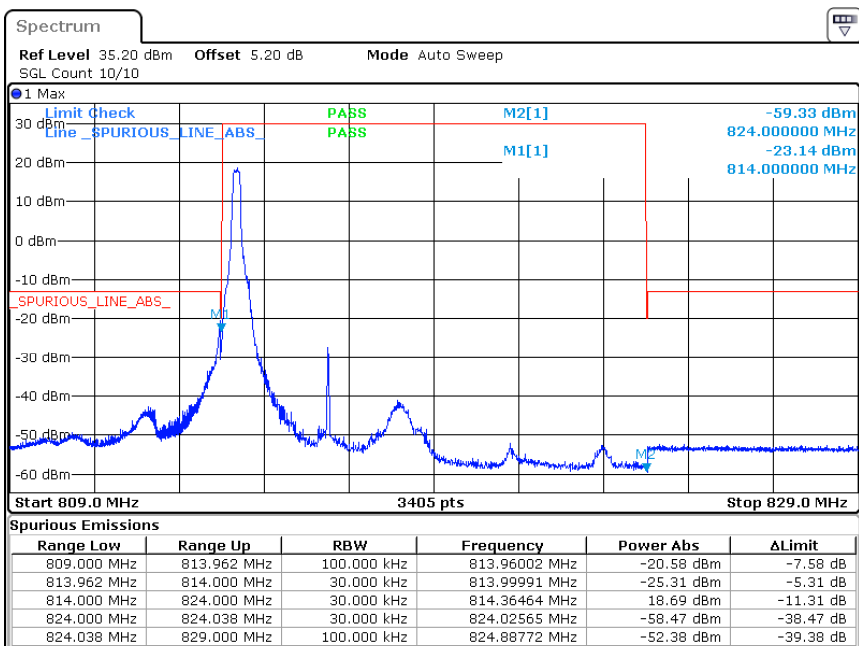


Band26-3MHz-64QAM-26775-15RB#0



Date: 26.AUG.2020 10:43:30

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



Date: 16.JUL.2020 08:14:04



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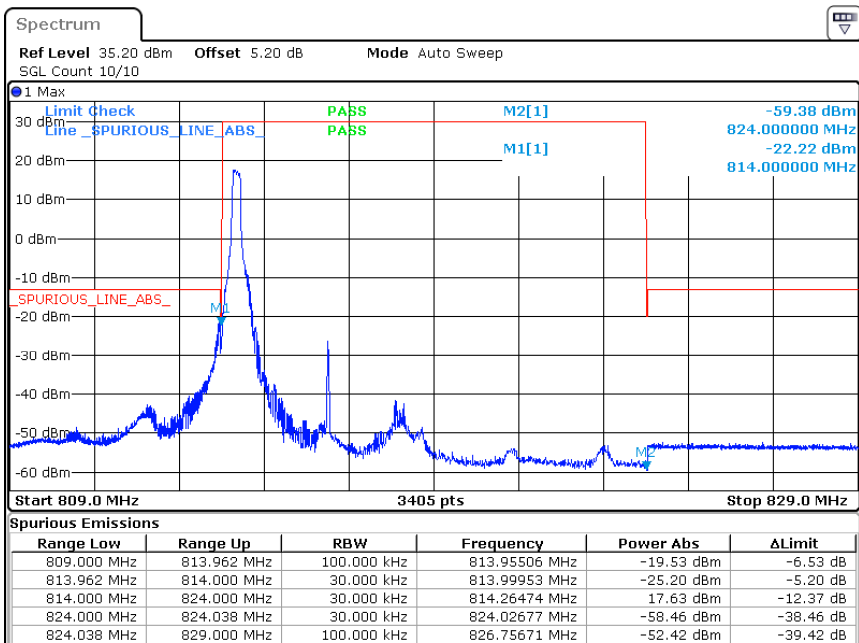
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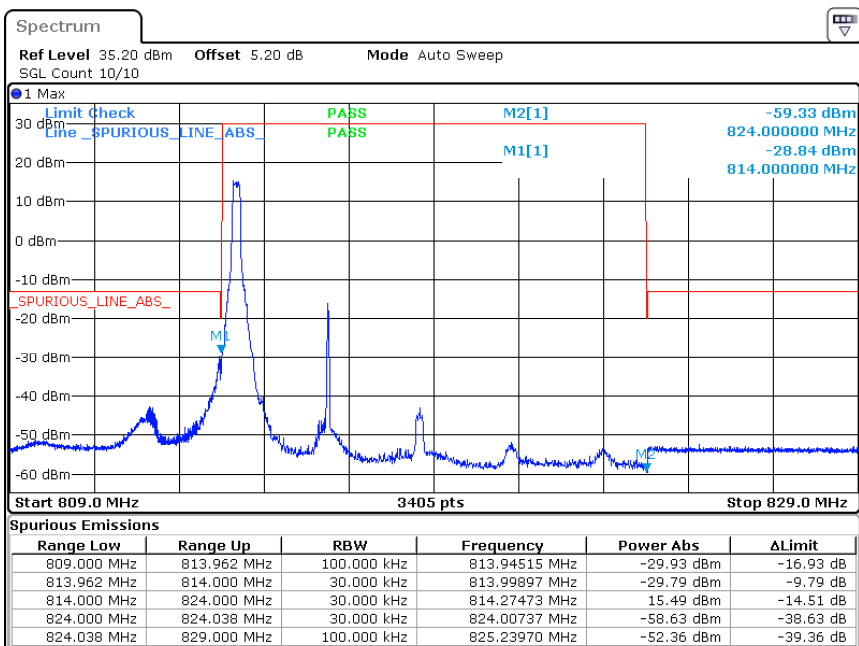
Member of the SGS Group (SGS SA)

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



Date: 16 JUL 2020 08:14:42

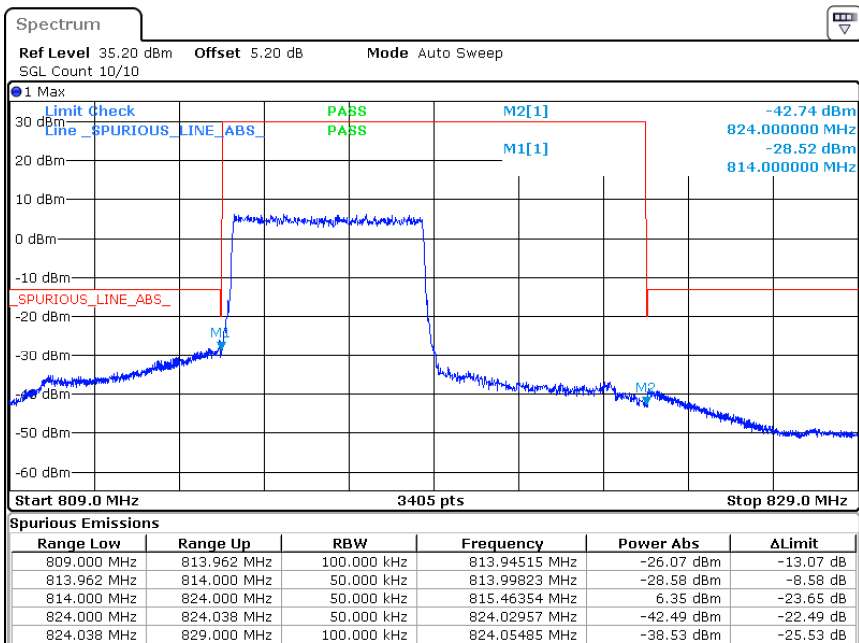
Band26-5MHz-64QAM-26715-1RB#0



Date: 26 AUG 2020 10:44:11

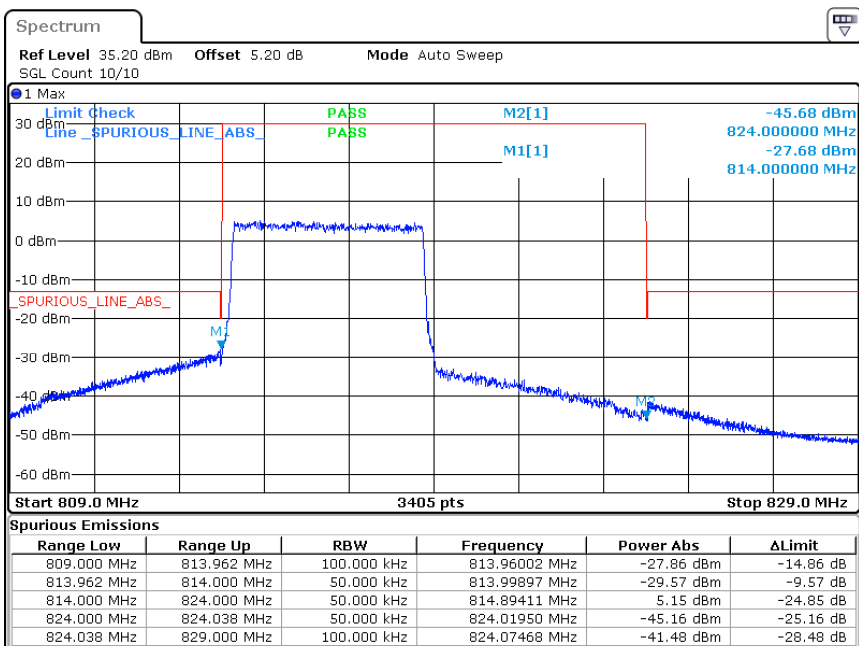


Band26-5MHz-QPSK-26715-25RB#0



Date: 16 JUL 2020 08:16:38

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



Date: 16 JUL 2020 08:17:16



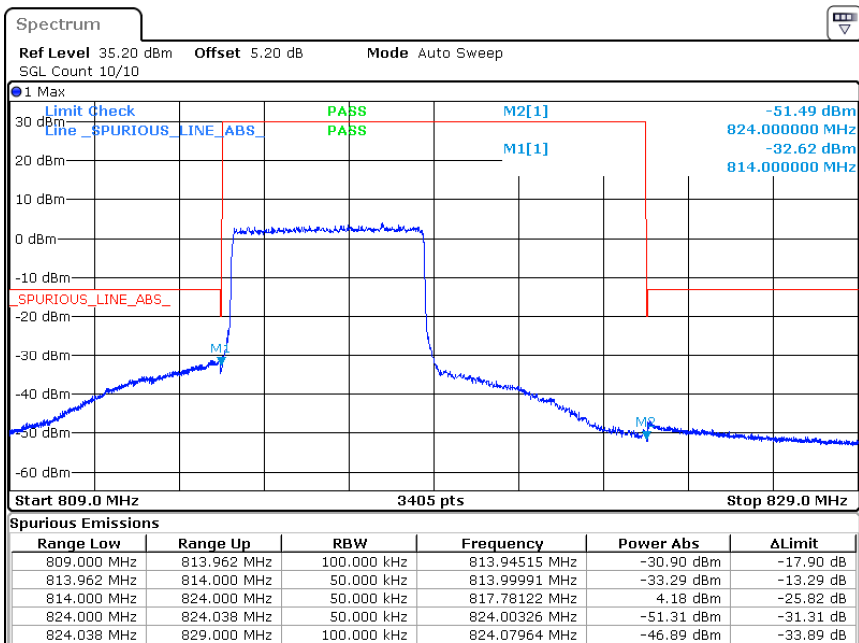
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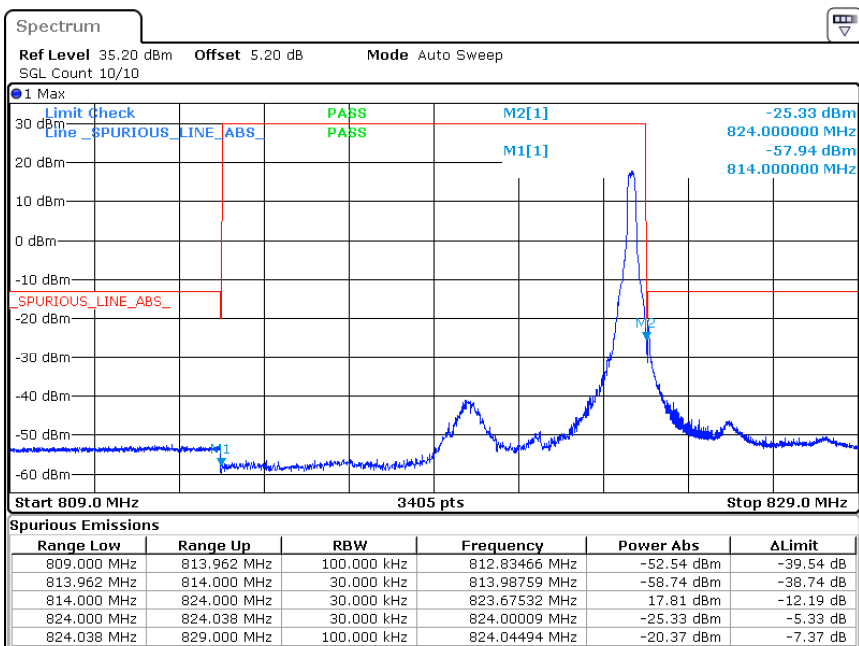
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Band26-5MHz-64QAM-26715-25RB#0



Date: 26.AUG.2020 10:45:29

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



Date: 16.JUL.2020 08:15:21



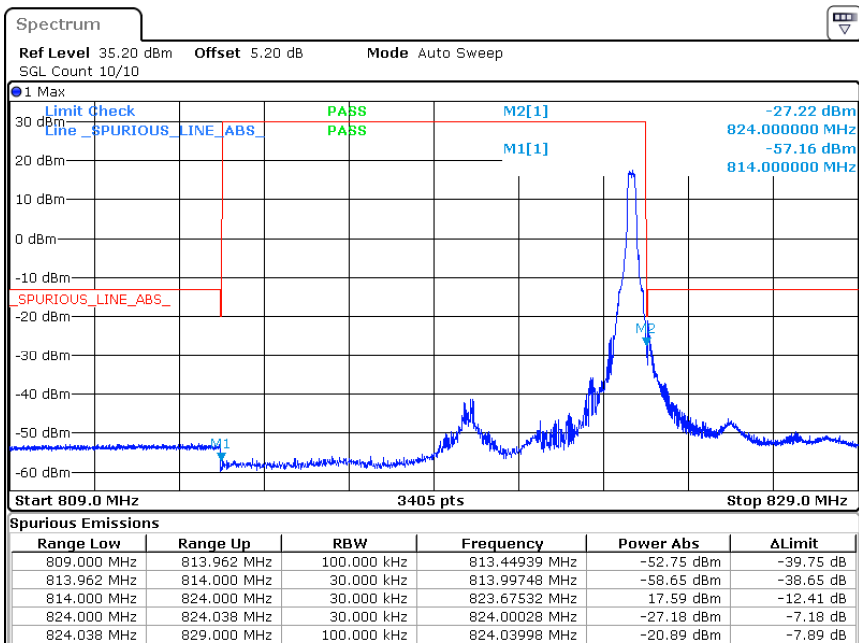
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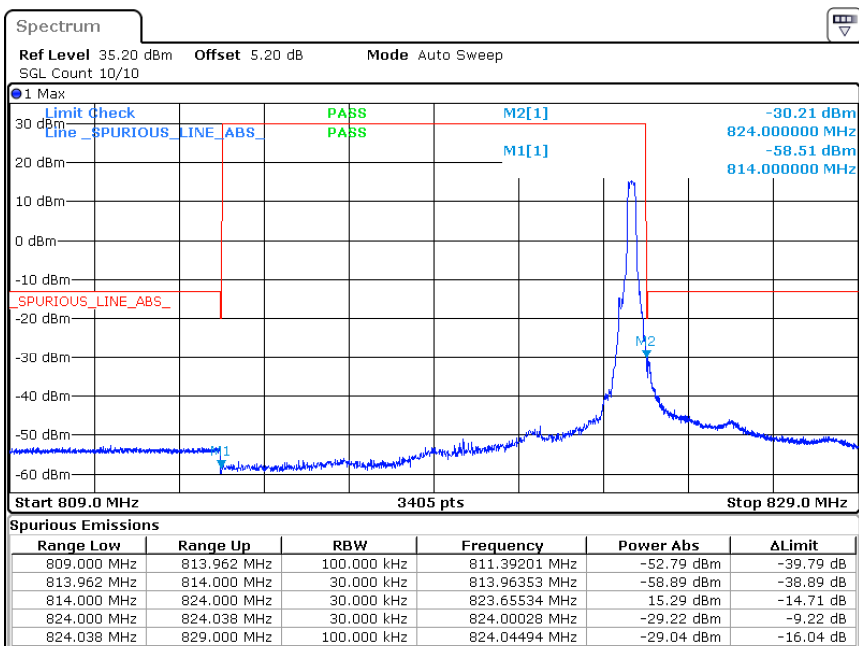
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Band26-5MHz-16QAM-26765-1RB#24



Date: 16 JUL 2020 08:15:59

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



Date: 26 AUG 2020 10:44:50



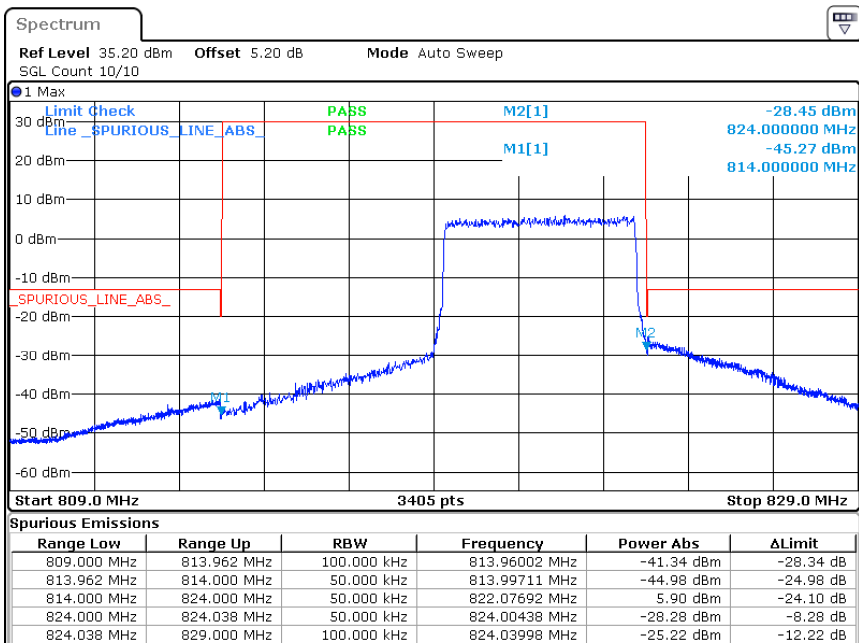
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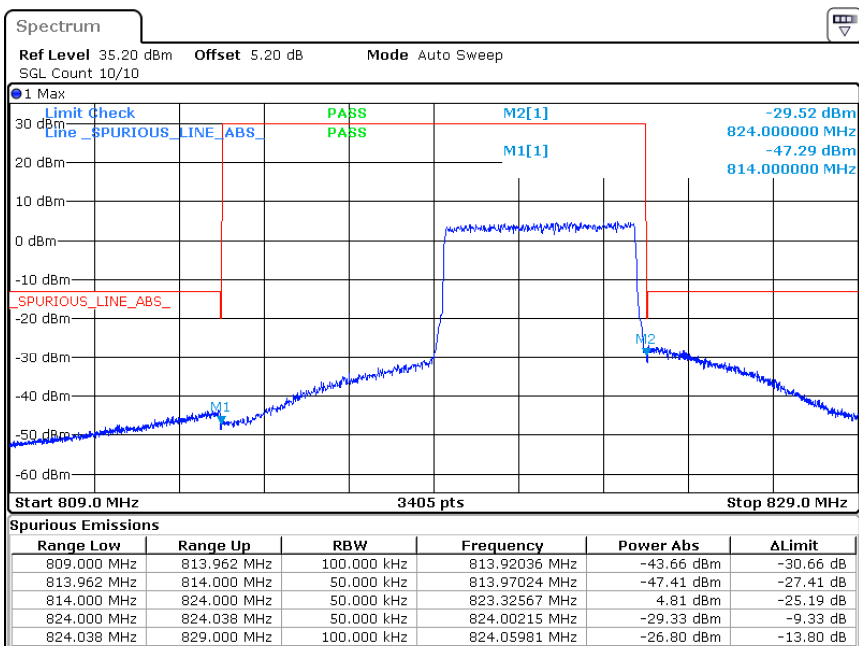
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Band26-5MHz-QPSK-26765-25RB#0



Date: 16 JUL 2020 08:17:54

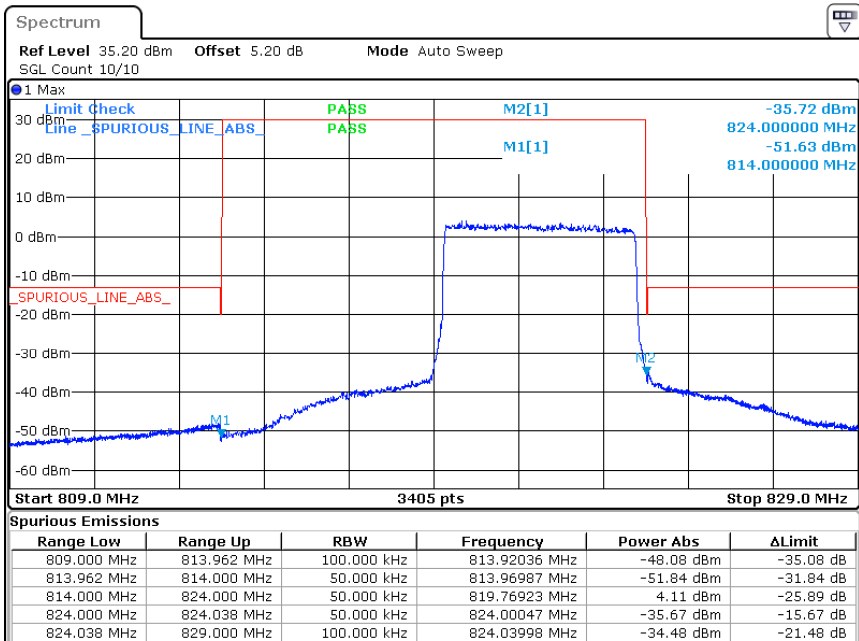
Band26-5MHz-16QAM-26765-25RB#0



Date: 16 JUL 2020 08:18:33

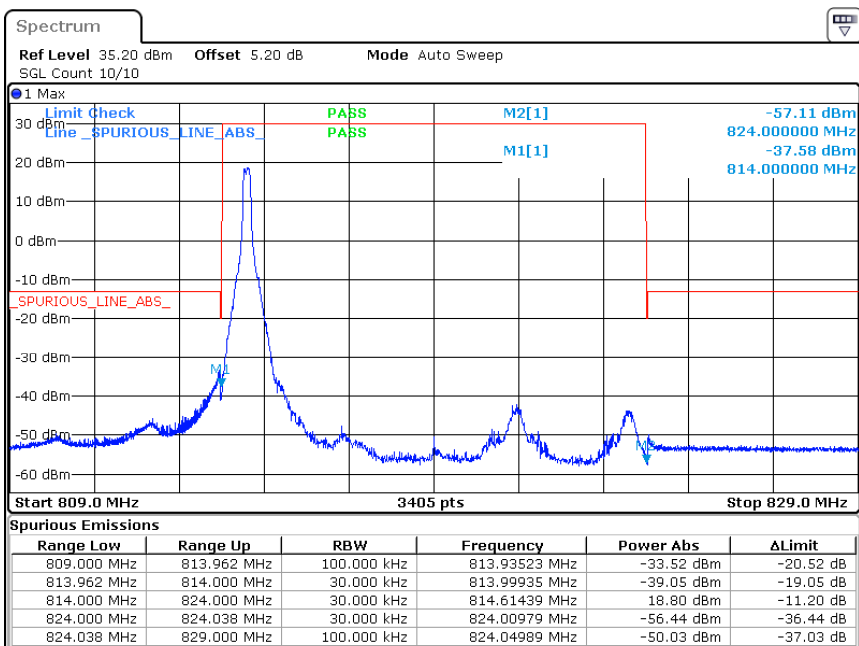


Band26-5MHz-64QAM-26765-25RB#0



Date: 26.AUG.2020 10:46:07

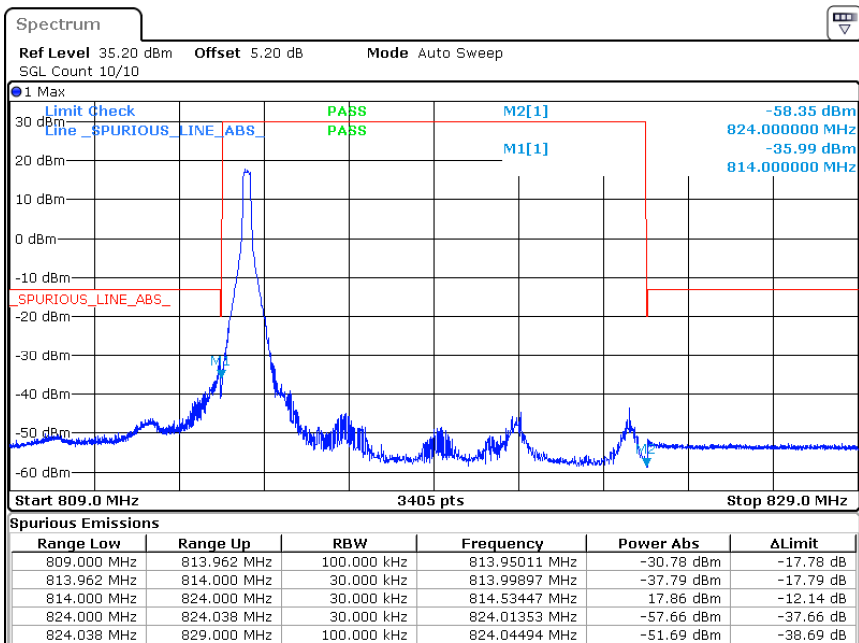
Band26-10MHz-QPSK-26740-1RB#0



Date: 16.JUL.2020 08:19:13

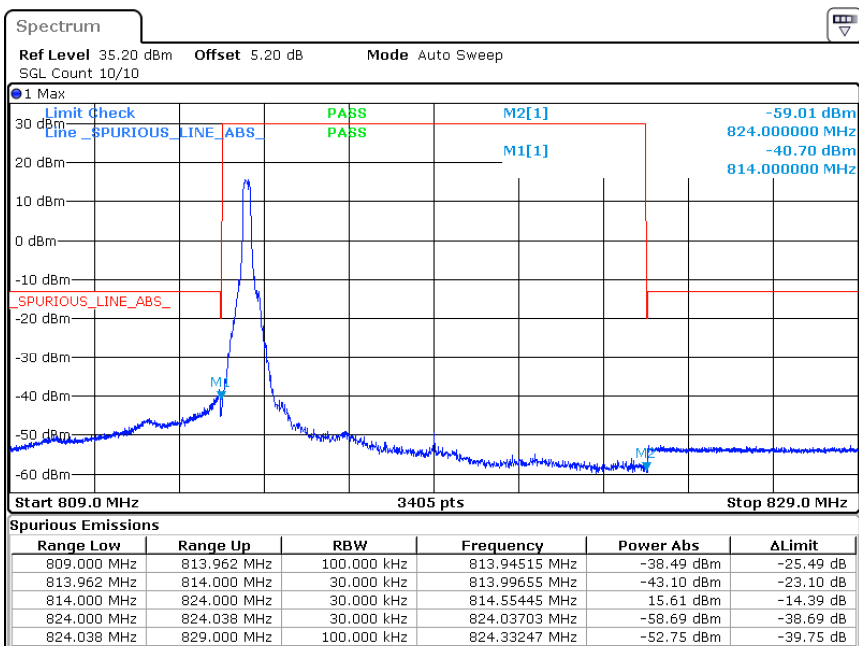


Band26-10MHz-16QAM-26740-1RB#0



Date: 16 JUL 2020 08:20:29

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



Date: 26 AUG 2020 10:46:48



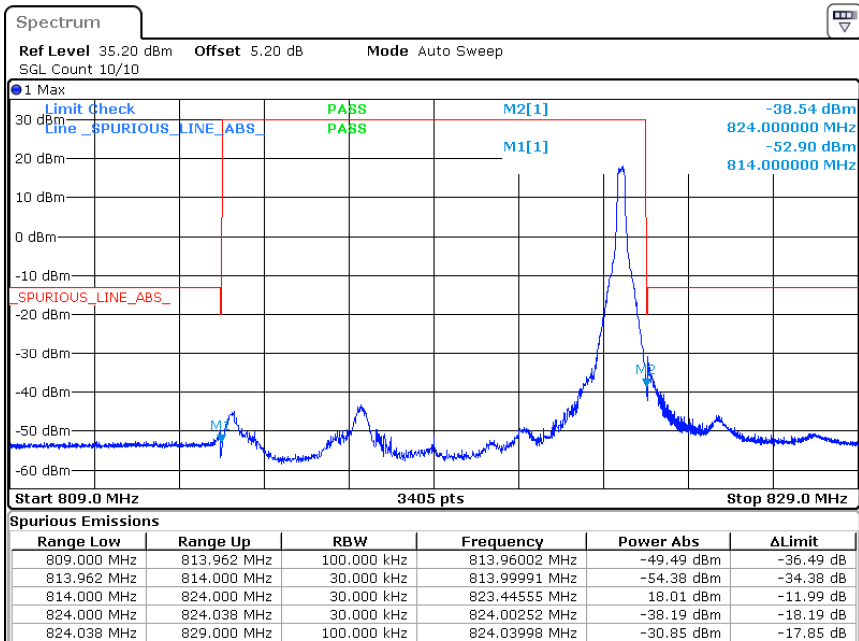
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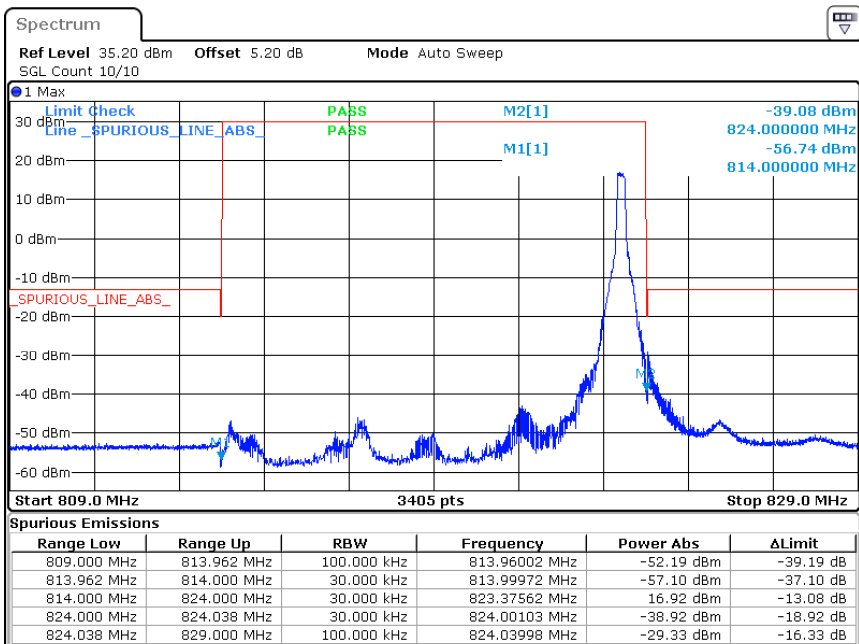
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Band26-10MHz-QPSK-26740-1RB#49



Date: 16 JUL 2020 08:19:51

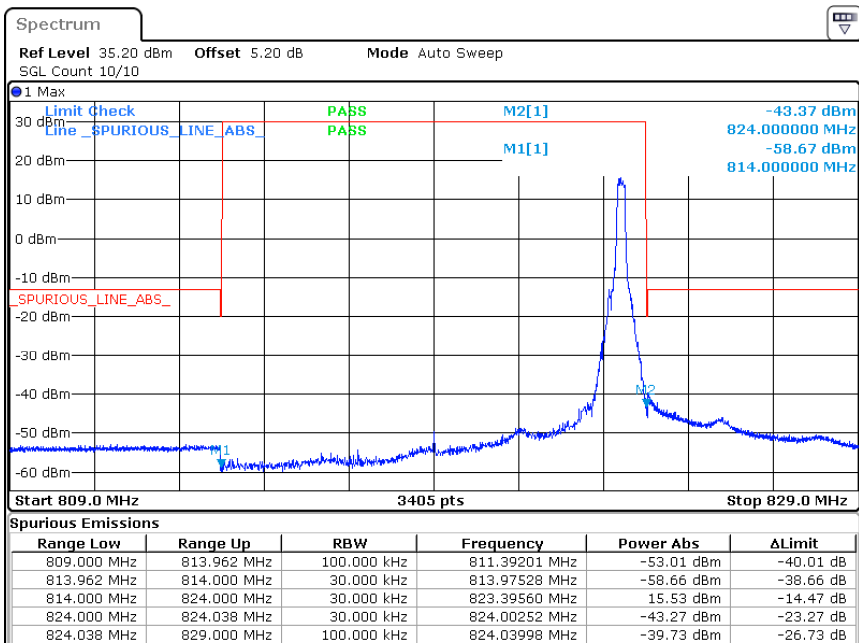
Band26-10MHz-16QAM-26740-1RB#49



Date: 16 JUL 2020 08:21:07

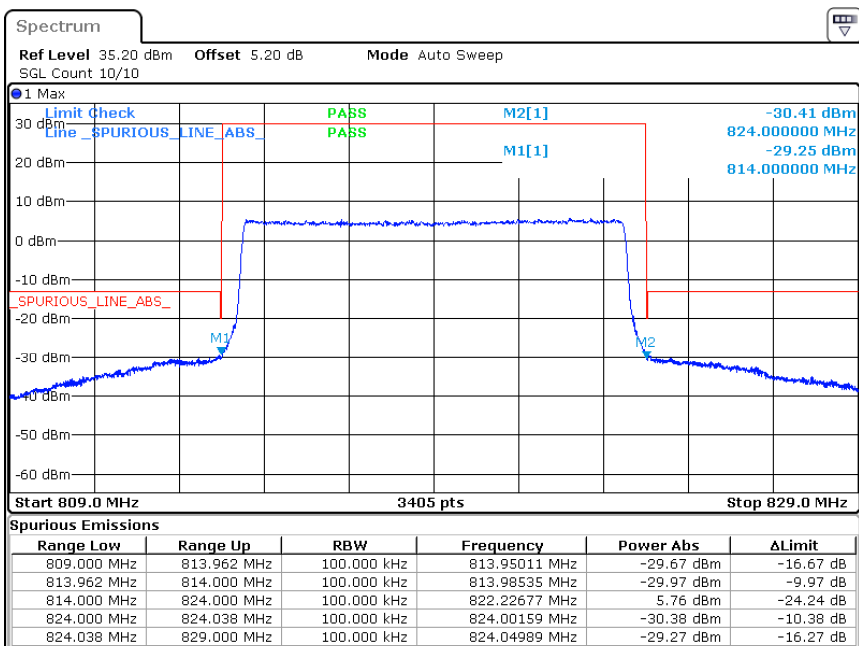


Band26-10MHz-64QAM-26740-1RB#49



Date: 26.AUG.2020 10:47:26

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



Date: 16.JUL.2020 08:21:46



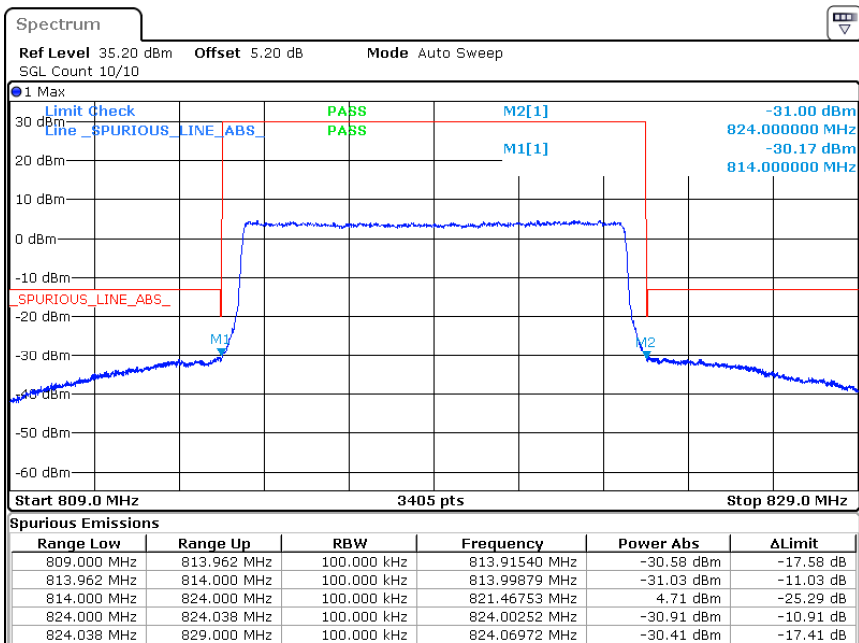
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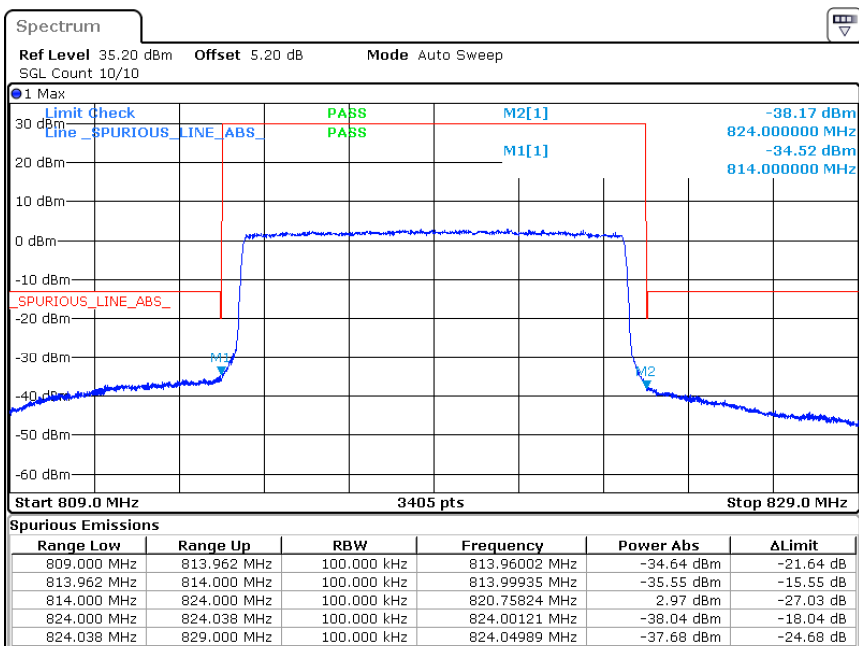
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Band26-10MHz-16QAM-26740-50RB#0



Date: 16 JUL 2020 08:22:24

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



Date: 26 AUG 2020 10:48:05

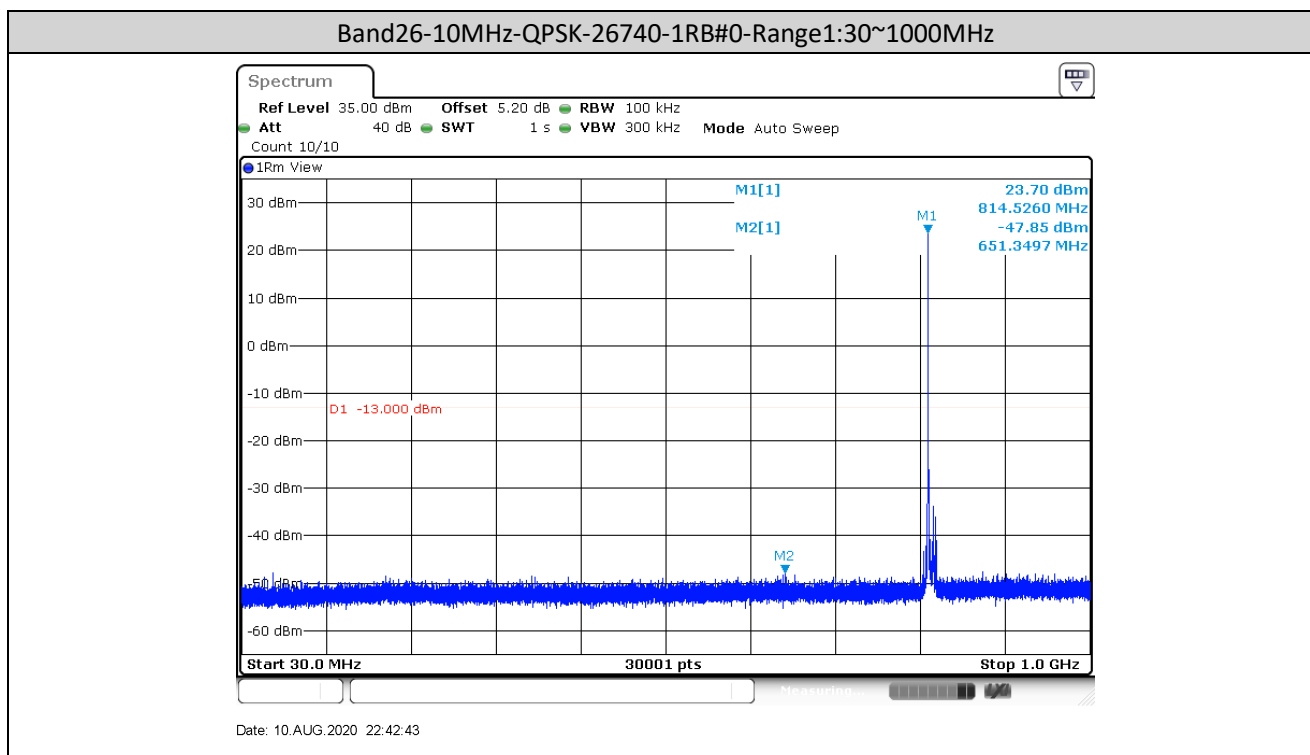


6. Spurious Emission at Antenna Terminal

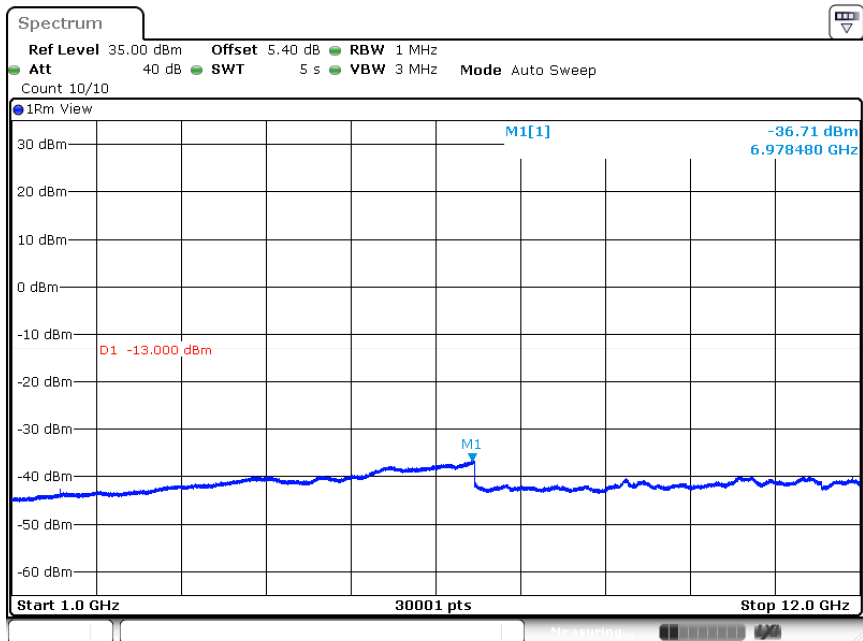
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

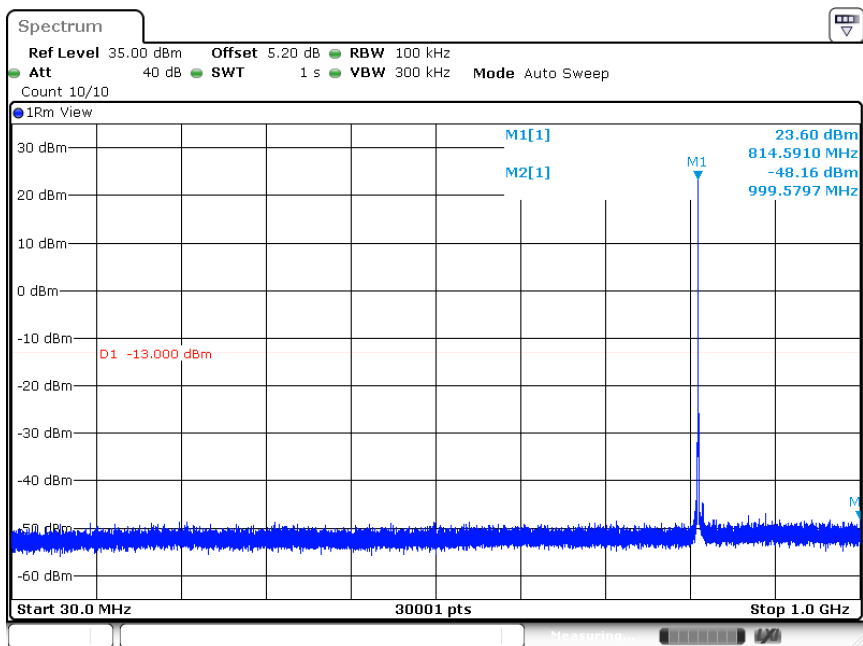


Band26-10MHz-QPSK-26740-1RB#0-Range2:1000~12000MHz



Date: 10.AUG.2020 22:43:50

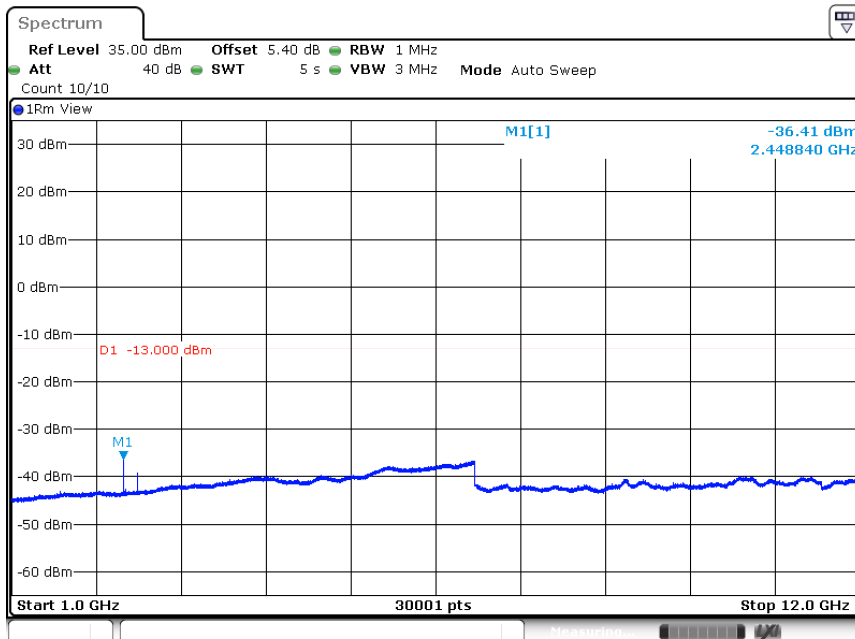
Band26-10MHz-64QAM-26740-1RB#0-Range1:30~1000MHz



Date: 12.AUG.2020 12:24:33

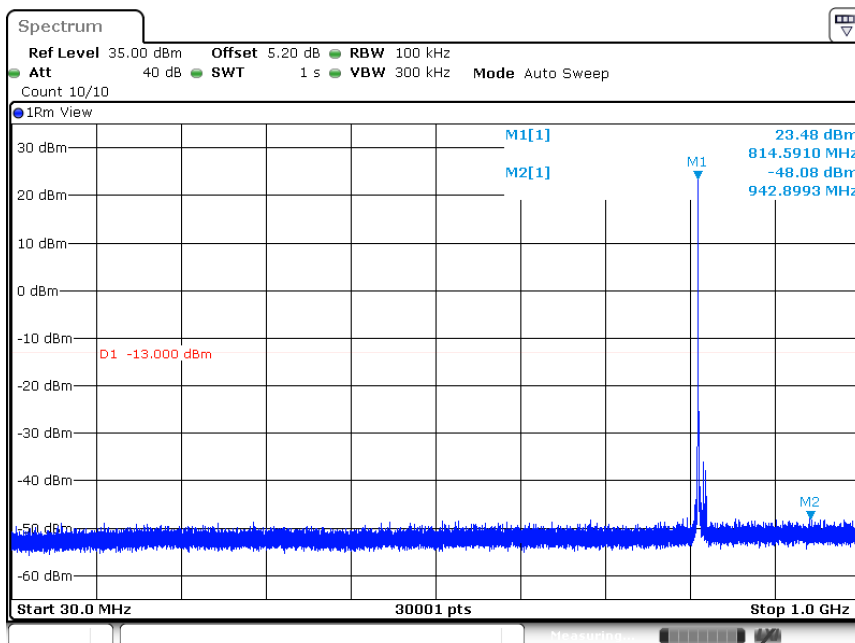


Band26-10MHz-64QAM-26740-1RB#0-Range2:1000~12000MHz



Date: 12.AUG.2020 12:25:41

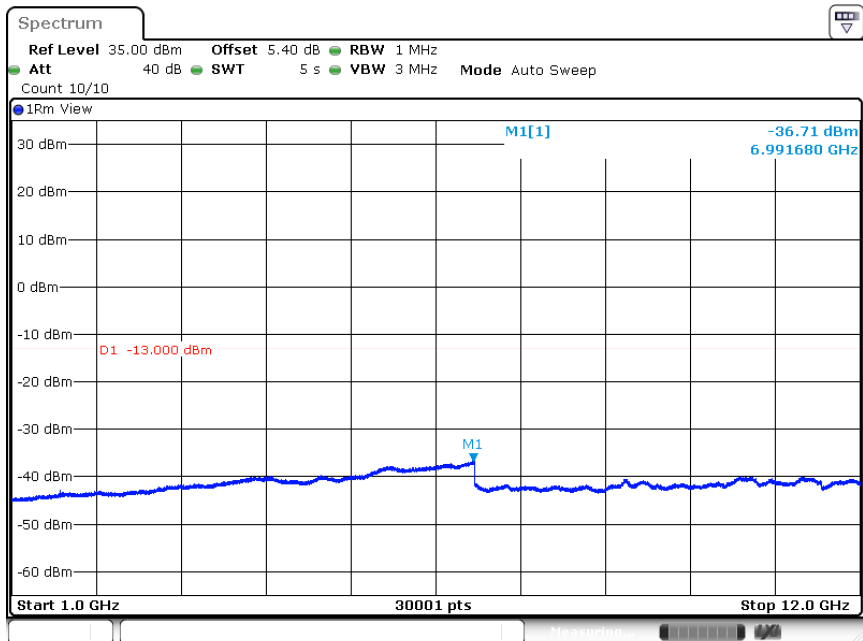
Band26-10MHz-16QAM-26740-1RB#0-Range1:30~1000MHz



Date: 10.AUG.2020 22:44:10



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



Date: 10.AUG.2020 22:45:17



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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
49.1585	-71.02	-13.00	58.02	Vertical
113.3757	-62.81	-13.00	49.81	Vertical
459.4890	-64.67	-13.00	51.67	Vertical
1629.3259	-47.51	-13.00	34.51	Vertical
2995.9992	-51.30	-13.00	38.30	Vertical
7473.5491	-53.14	-13.00	40.14	Vertical
39.8945	-61.65	-13.00	48.65	Horizontal
229.1995	-64.93	-13.00	51.93	Horizontal
592.4341	-61.35	-13.00	48.35	Horizontal
1628.9258	-42.75	-13.00	29.75	Horizontal
2475.0950	-50.26	-13.00	37.26	Horizontal
8771.1924	-51.99	-13.00	38.99	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	-5.50	-0.006716	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	-4.30	-0.005250	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	-3.40	-0.004151	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VL	NT	-6.60	-0.008059	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VN	NT	1.30	0.001587	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VH	NT	-0.10	-0.000122	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VL	NT	-3.90	-0.004762	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VN	NT	-5.80	-0.007082	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VH	NT	-0.80	-0.000977	±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	-1.50	-0.001832	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	-2.80	-0.003419	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	0	-1.10	-0.001343	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	-2.10	-0.002564	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	-4.30	-0.005250	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	-6.10	-0.007448	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	-3.80	-0.004640	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	-6.40	-0.007814	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-30	1.40	0.001709	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-20	-4.20	-0.005128	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	0	0.30	0.000366	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	10	-2.10	-0.002564	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	20	-4.30	-0.005250	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	40	-1.40	-0.001709	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	50	-7.70	-0.009402	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-30	0.40	0.000488	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-20	0.70	0.000855	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	0	-3.80	-0.004640	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	10	-3.90	-0.004762	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	20	-6.40	-0.007814	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	30	2.30	0.002808	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	40	-0.50	-0.000611	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	50	-5.00	-0.006105	±2.5	PASS

The End



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