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 Config.	Result (dBm)	Limit (dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	23.37	50.00	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	23.45	50.00	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	23.48	50.00	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	23.49	50.00	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	23.50	50.00	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	23.44	50.00	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	22.40	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	23.40	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	23.46	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	23.48	50.00	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	23.42	50.00	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	23.47	50.00	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	23.54	50.00	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	22.45	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	23.49	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	23.51	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	23.52	50.00	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	23.53	50.00	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	23.58	50.00	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	23.58	50.00	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	22.49	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	22.65	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	22.60	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	22.64	50.00	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	22.55	50.00	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	22.62	50.00	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	22.55	50.00	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	21.50	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	22.62	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	22.78	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	22.72	50.00	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	22.59	50.00	PASS

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Band26	1.4MHz	16QAM	26740	3RB#1	22.63	50.00	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	22.54	50.00	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	21.46	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	22.68	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	22.80	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	22.86	50.00	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	22.57	50.00	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	22.67	50.00	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	22.65	50.00	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	21.57	50.00	PASS
Band26	1.4MHz	64QAM	26697	1RB#0	22.26	50.00	PASS
Band26	1.4MHz	64QAM	26697	1RB#2	22.31	50.00	PASS
Band26	1.4MHz	64QAM	26697	1RB#5	22.31	50.00	PASS
Band26	1.4MHz	64QAM	26697	3RB#0	22.23	50.00	PASS
Band26	1.4MHz	64QAM	26697	3RB#1	22.27	50.00	PASS
Band26	1.4MHz	64QAM	26697	3RB#3	22.24	50.00	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	21.17	50.00	PASS
Band26	1.4MHz	64QAM	26740	1RB#0	22.14	50.00	PASS
Band26	1.4MHz	64QAM	26740	1RB#2	22.23	50.00	PASS
Band26	1.4MHz	64QAM	26740	1RB#5	22.34	50.00	PASS
Band26	1.4MHz	64QAM	26740	3RB#0	22.24	50.00	PASS
Band26	1.4MHz	64QAM	26740	3RB#1	22.24	50.00	PASS
Band26	1.4MHz	64QAM	26740	3RB#3	22.30	50.00	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	21.16	50.00	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	22.26	50.00	PASS
Band26	1.4MHz	64QAM	26783	1RB#2	22.42	50.00	PASS
Band26	1.4MHz	64QAM	26783	1RB#5	22.42	50.00	PASS
Band26	1.4MHz	64QAM	26783	3RB#0	22.27	50.00	PASS
Band26	1.4MHz	64QAM	26783	3RB#1	22.32	50.00	PASS
Band26	1.4MHz	64QAM	26783	3RB#3	22.35	50.00	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	21.17	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#0	23.49	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#8	23.58	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#14	23.51	50.00	PASS
Band26	3MHz	QPSK	26705	8RB#0	22.52	50.00	PASS
Band26	3MHz	QPSK	26705	8RB#4	22.67	50.00	PASS
Band26	3MHz	QPSK	26705	8RB#7	22.63	50.00	PASS
Band26	3MHz	QPSK	26705	15RB#0	22.59	50.00	PASS

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Band26	3MHz	QPSK	26740	1RB#0	23.47	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#8	23.40	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#14	23.53	50.00	PASS
Band26	3MHz	QPSK	26740	8RB#0	22.50	50.00	PASS
Band26	3MHz	QPSK	26740	8RB#4	22.50	50.00	PASS
Band26	3MHz	QPSK	26740	8RB#7	22.61	50.00	PASS
Band26	3MHz	QPSK	26740	15RB#0	22.48	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#0	23.58	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#8	23.50	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#14	23.58	50.00	PASS
Band26	3MHz	QPSK	26775	8RB#0	22.56	50.00	PASS
Band26	3MHz	QPSK	26775	8RB#4	22.61	50.00	PASS
Band26	3MHz	QPSK	26775	8RB#7	22.54	50.00	PASS
Band26	3MHz	QPSK	26775	15RB#0	22.56	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#0	22.73	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#8	22.82	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#14	22.83	50.00	PASS
Band26	3MHz	16QAM	26705	8RB#0	21.58	50.00	PASS
Band26	3MHz	16QAM	26705	8RB#4	21.65	50.00	PASS
Band26	3MHz	16QAM	26705	8RB#7	21.65	50.00	PASS
Band26	3MHz	16QAM	26705	15RB#0	21.59	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#0	22.70	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#8	22.61	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#14	22.78	50.00	PASS
Band26	3MHz	16QAM	26740	8RB#0	21.58	50.00	PASS
Band26	3MHz	16QAM	26740	8RB#4	21.59	50.00	PASS
Band26	3MHz	16QAM	26740	8RB#7	21.63	50.00	PASS
Band26	3MHz	16QAM	26740	15RB#0	21.50	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#0	22.81	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#8	22.75	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#14	22.89	50.00	PASS
Band26	3MHz	16QAM	26775	8RB#0	21.61	50.00	PASS
Band26	3MHz	16QAM	26775	8RB#4	21.64	50.00	PASS
Band26	3MHz	16QAM	26775	8RB#7	21.62	50.00	PASS
Band26	3MHz	16QAM	26775	15RB#0	21.55	50.00	PASS
Band26	3MHz	64QAM	26705	1RB#0	22.32	50.00	PASS
Band26	3MHz	64QAM	26705	1RB#8	22.38	50.00	PASS
Band26	3MHz	64QAM	26705	1RB#14	22.44	50.00	PASS

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Band26	3MHz	64QAM	26705	8RB#0	21.22	50.00	PASS
Band26	3MHz	64QAM	26705	8RB#4	21.30	50.00	PASS
Band26	3MHz	64QAM	26705	8RB#7	21.34	50.00	PASS
Band26	3MHz	64QAM	26705	15RB#0	21.33	50.00	PASS
Band26	3MHz	64QAM	26740	1RB#0	22.33	50.00	PASS
Band26	3MHz	64QAM	26740	1RB#8	22.25	50.00	PASS
Band26	3MHz	64QAM	26740	1RB#14	22.32	50.00	PASS
Band26	3MHz	64QAM	26740	8RB#0	21.20	50.00	PASS
Band26	3MHz	64QAM	26740	8RB#4	21.21	50.00	PASS
Band26	3MHz	64QAM	26740	8RB#7	21.30	50.00	PASS
Band26	3MHz	64QAM	26740	15RB#0	21.20	50.00	PASS
Band26	3MHz	64QAM	26775	1RB#0	22.36	50.00	PASS
Band26	3MHz	64QAM	26775	1RB#8	22.33	50.00	PASS
Band26	3MHz	64QAM	26775	1RB#14	22.38	50.00	PASS
Band26	3MHz	64QAM	26775	8RB#0	21.26	50.00	PASS
Band26	3MHz	64QAM	26775	8RB#4	21.33	50.00	PASS
Band26	3MHz	64QAM	26775	8RB#7	21.23	50.00	PASS
Band26	3MHz	64QAM	26775	15RB#0	21.28	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#0	23.51	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#12	23.55	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#24	23.45	50.00	PASS
Band26	5MHz	QPSK	26715	12RB#0	22.66	50.00	PASS
Band26	5MHz	QPSK	26715	12RB#6	22.61	50.00	PASS
Band26	5MHz	QPSK	26715	12RB#13	22.48	50.00	PASS
Band26	5MHz	QPSK	26715	25RB#0	22.50	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#0	23.55	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#12	23.42	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#24	23.51	50.00	PASS
Band26	5MHz	QPSK	26740	12RB#0	22.55	50.00	PASS
Band26	5MHz	QPSK	26740	12RB#6	22.51	50.00	PASS
Band26	5MHz	QPSK	26740	12RB#13	22.57	50.00	PASS
Band26	5MHz	QPSK	26740	25RB#0	22.63	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#0	23.54	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#12	23.53	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#24	23.61	50.00	PASS
Band26	5MHz	QPSK	26765	12RB#0	22.62	50.00	PASS
Band26	5MHz	QPSK	26765	12RB#6	22.63	50.00	PASS
Band26	5MHz	QPSK	26765	12RB#13	22.55	50.00	PASS

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Band26	5MHz	16QAM	26715	1RB#0	22.74	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#12	22.89	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#24	22.65	50.00	PASS
Band26	5MHz	16QAM	26715	12RB#0	21.67	50.00	PASS
Band26	5MHz	16QAM	26715	12RB#6	21.65	50.00	PASS
Band26	5MHz	16QAM	26715	12RB#13	21.53	50.00	PASS
Band26	5MHz	16QAM	26715	25RB#0	21.52	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#0	22.90	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#12	22.74	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#24	22.82	50.00	PASS
Band26	5MHz	16QAM	26740	12RB#0	21.57	50.00	PASS
Band26	5MHz	16QAM	26740	12RB#6	21.57	50.00	PASS
Band26	5MHz	16QAM	26740	12RB#13	21.62	50.00	PASS
Band26	5MHz	16QAM	26740	25RB#0	21.65	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#0	22.81	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#12	22.73	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#24	22.83	50.00	PASS
Band26	5MHz	16QAM	26765	12RB#0	21.61	50.00	PASS
Band26	5MHz	16QAM	26765	12RB#6	21.65	50.00	PASS
Band26	5MHz	16QAM	26765	12RB#13	21.63	50.00	PASS
Band26	5MHz	16QAM	26765	25RB#0	21.62	50.00	PASS
Band26	5MHz	64QAM	26715	1RB#0	22.40	50.00	PASS
Band26	5MHz	64QAM	26715	1RB#12	22.44	50.00	PASS
Band26	5MHz	64QAM	26715	1RB#24	22.27	50.00	PASS
Band26	5MHz	64QAM	26715	12RB#0	21.31	50.00	PASS
Band26	5MHz	64QAM	26715	12RB#6	21.31	50.00	PASS
Band26	5MHz	64QAM	26715	12RB#13	21.18	50.00	PASS
Band26	5MHz	64QAM	26715	25RB#0	21.25	50.00	PASS
Band26	5MHz	64QAM	26740	1RB#0	22.46	50.00	PASS
Band26	5MHz	64QAM	26740	1RB#12	22.27	50.00	PASS
Band26	5MHz	64QAM	26740	1RB#24	22.32	50.00	PASS
Band26	5MHz	64QAM	26740	12RB#0	21.23	50.00	PASS
Band26	5MHz	64QAM	26740	12RB#6	21.21	50.00	PASS
Band26	5MHz	64QAM	26740	12RB#13	21.30	50.00	PASS
Band26	5MHz	64QAM	26740	25RB#0	21.32	50.00	PASS
Band26	5MHz	64QAM	26765	1RB#0	22.37	50.00	PASS
Band26	5MHz	64QAM	26765	1RB#12	22.35	50.00	PASS

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Band26	5MHz	64QAM	26765	1RB#24	22.45	50.00	PASS
Band26	5MHz	64QAM	26765	12RB#0	21.32	50.00	PASS
Band26	5MHz	64QAM	26765	12RB#6	21.34	50.00	PASS
Band26	5MHz	64QAM	26765	12RB#13	21.31	50.00	PASS
Band26	5MHz	64QAM	26765	25RB#0	21.30	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#0	23.52	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#24	23.44	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#49	23.46	50.00	PASS
Band26	10MHz	QPSK	26740	25RB#0	22.51	50.00	PASS
Band26	10MHz	QPSK	26740	25RB#12	22.63	50.00	PASS
Band26	10MHz	QPSK	26740	25RB#25	22.57	50.00	PASS
Band26	10MHz	QPSK	26740	50RB#0	22.61	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#0	22.76	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#24	22.62	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#49	22.73	50.00	PASS
Band26	10MHz	16QAM	26740	25RB#0	21.52	50.00	PASS
Band26	10MHz	16QAM	26740	25RB#12	21.63	50.00	PASS
Band26	10MHz	16QAM	26740	25RB#25	21.61	50.00	PASS
Band26	10MHz	16QAM	26740	50RB#0	21.61	50.00	PASS
Band26	10MHz	64QAM	26740	1RB#0	22.34	50.00	PASS
Band26	10MHz	64QAM	26740	1RB#24	22.36	50.00	PASS
Band26	10MHz	64QAM	26740	1RB#49	22.35	50.00	PASS
Band26	10MHz	64QAM	26740	25RB#0	21.29	50.00	PASS
Band26	10MHz	64QAM	26740	25RB#12	21.35	50.00	PASS
Band26	10MHz	64QAM	26740	25RB#25	21.32	50.00	PASS
Band26	10MHz	64QAM	26740	50RB#0	21.30	50.00	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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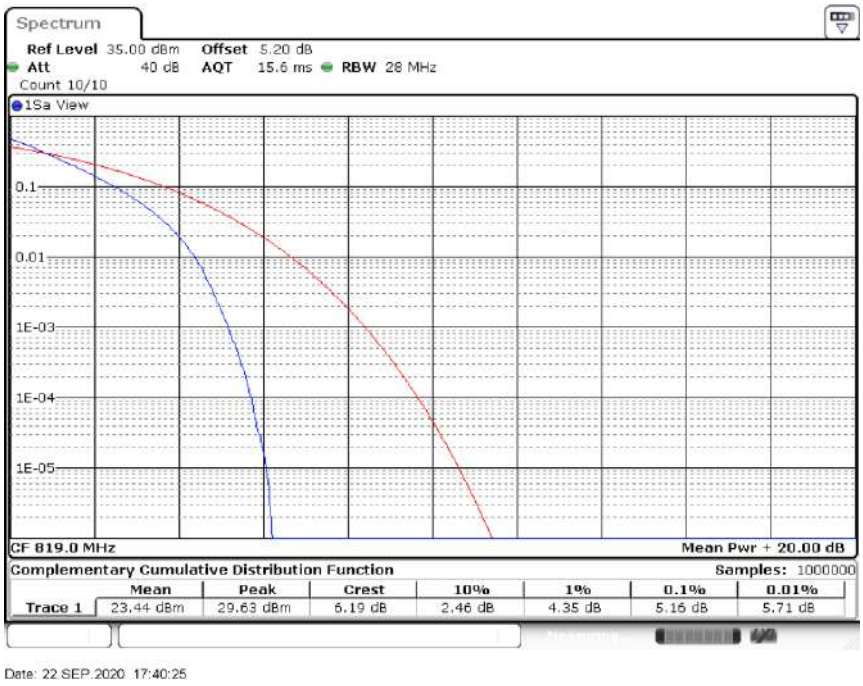
2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	5.16	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	5.91	13	PASS
Band26	10MHz	64QAM	26740	50RB#0	6.43	13	PASS

2.2 Test Plots

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



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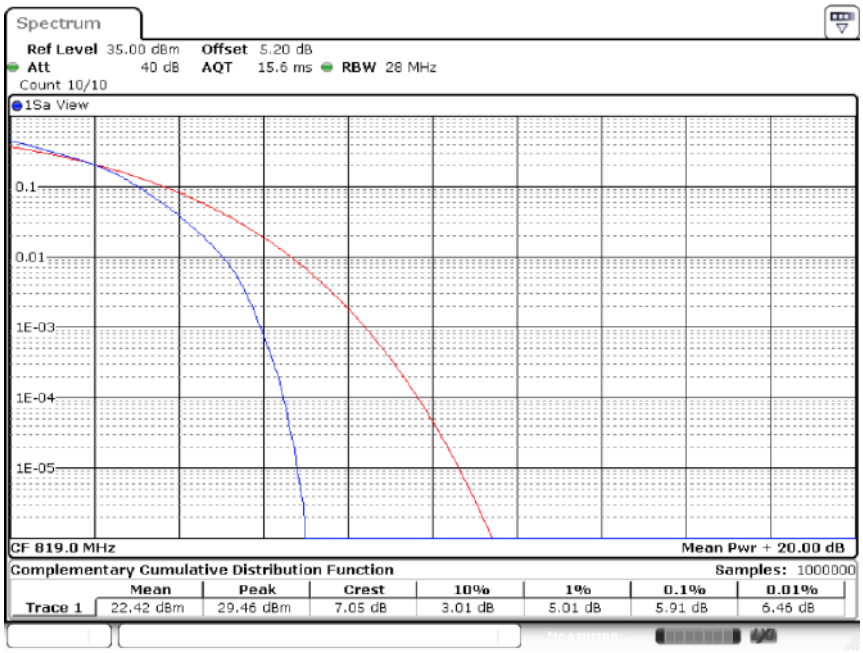
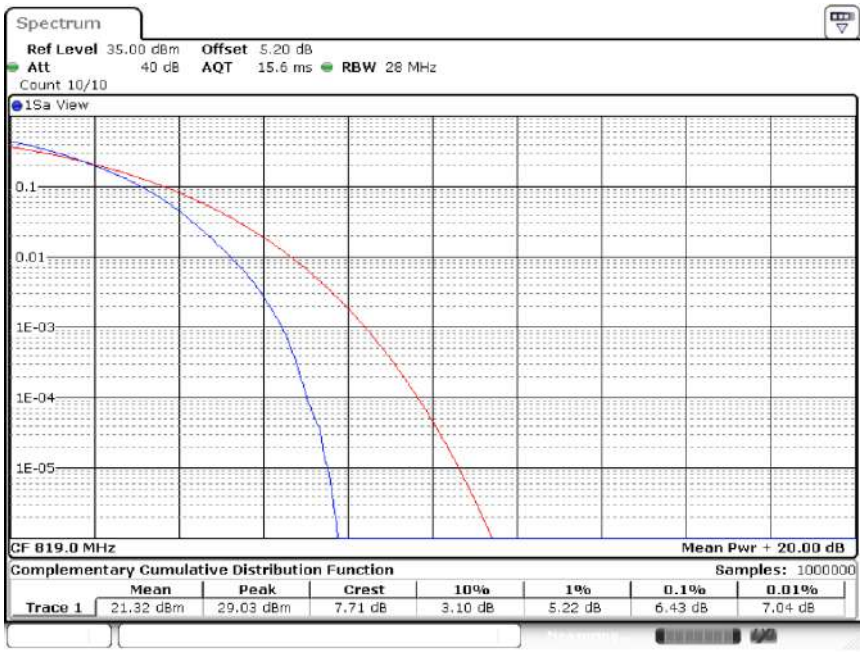
Band26-10MHz-16QAM-26740-50RB#0



Date: 22.SEP.2020 17:40:39

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



Date: 22.SEP.2020 19:41:51

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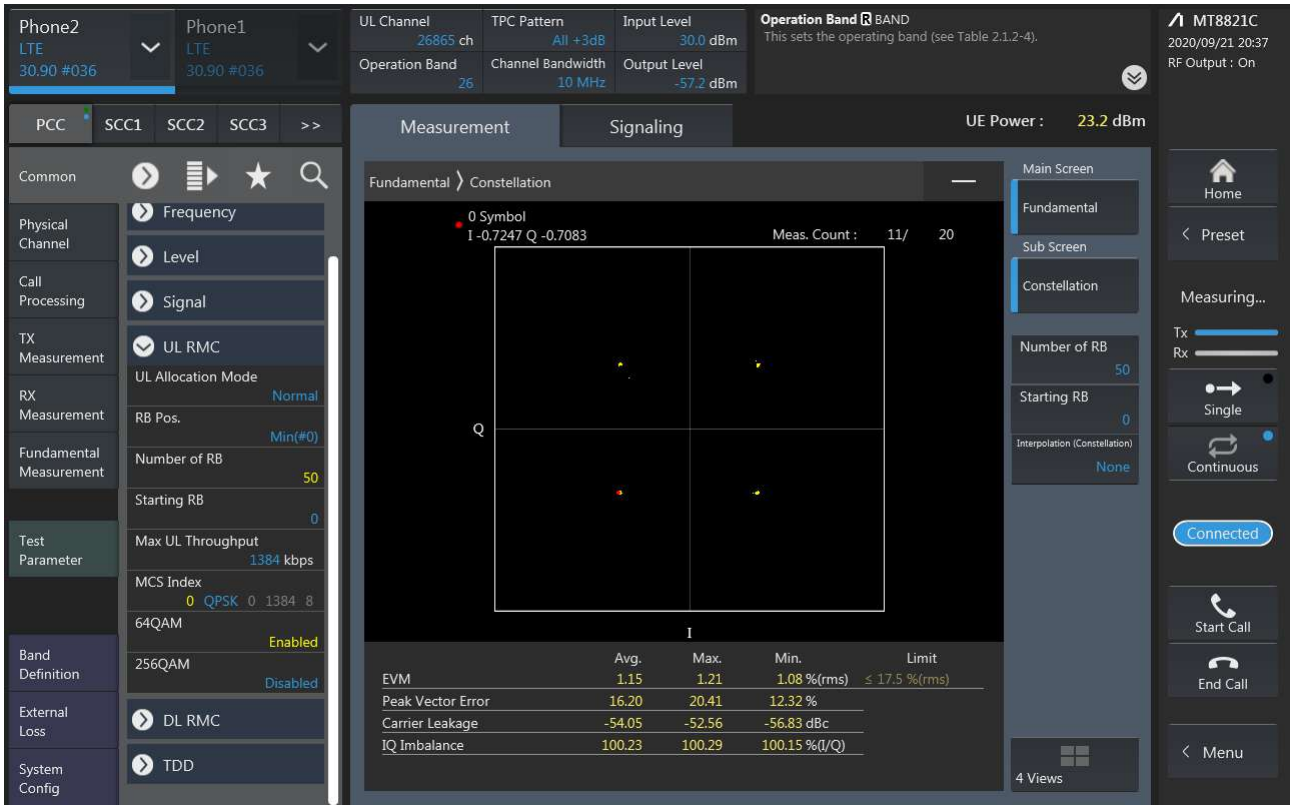
3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 10MHz

3.1.1 Test Channel = MCH



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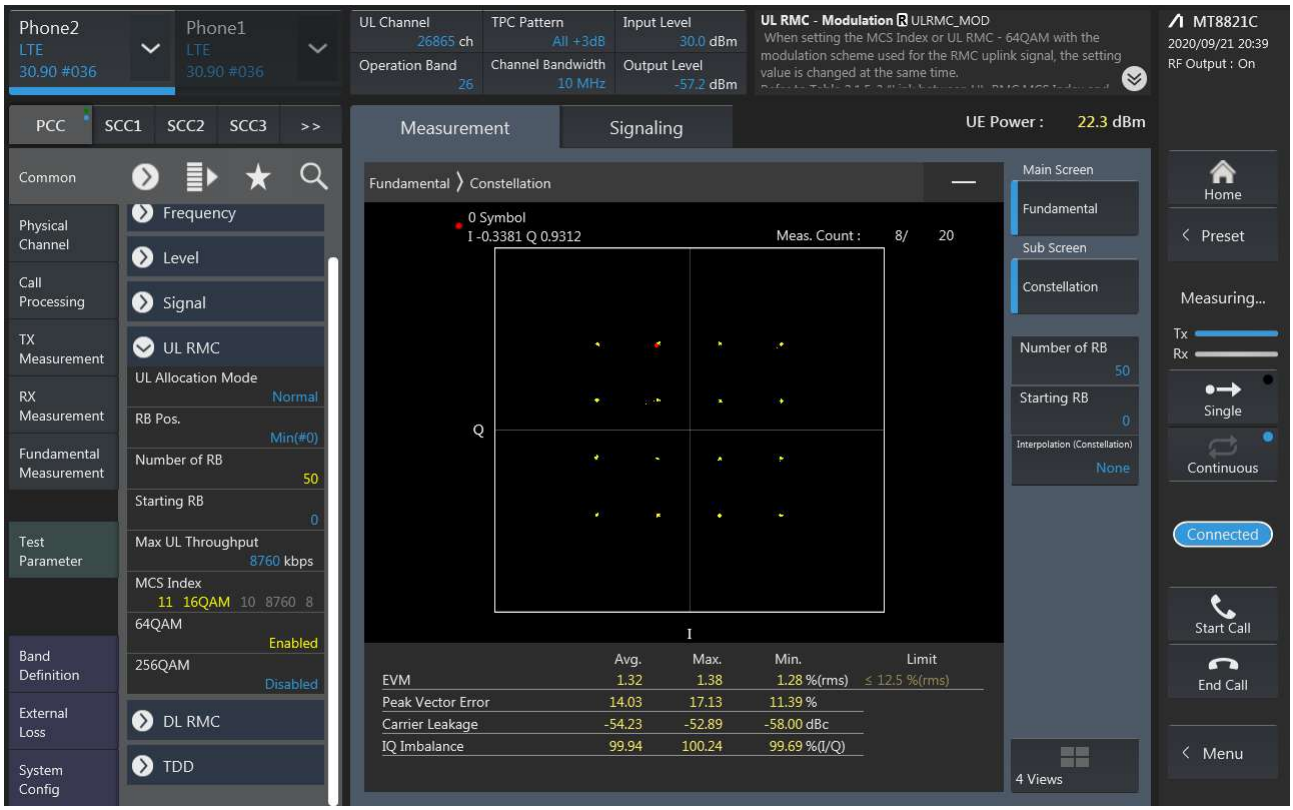
3.2 Test Mode = LTE /TM2 10MHz

3.2.1 Test Channel = MCH



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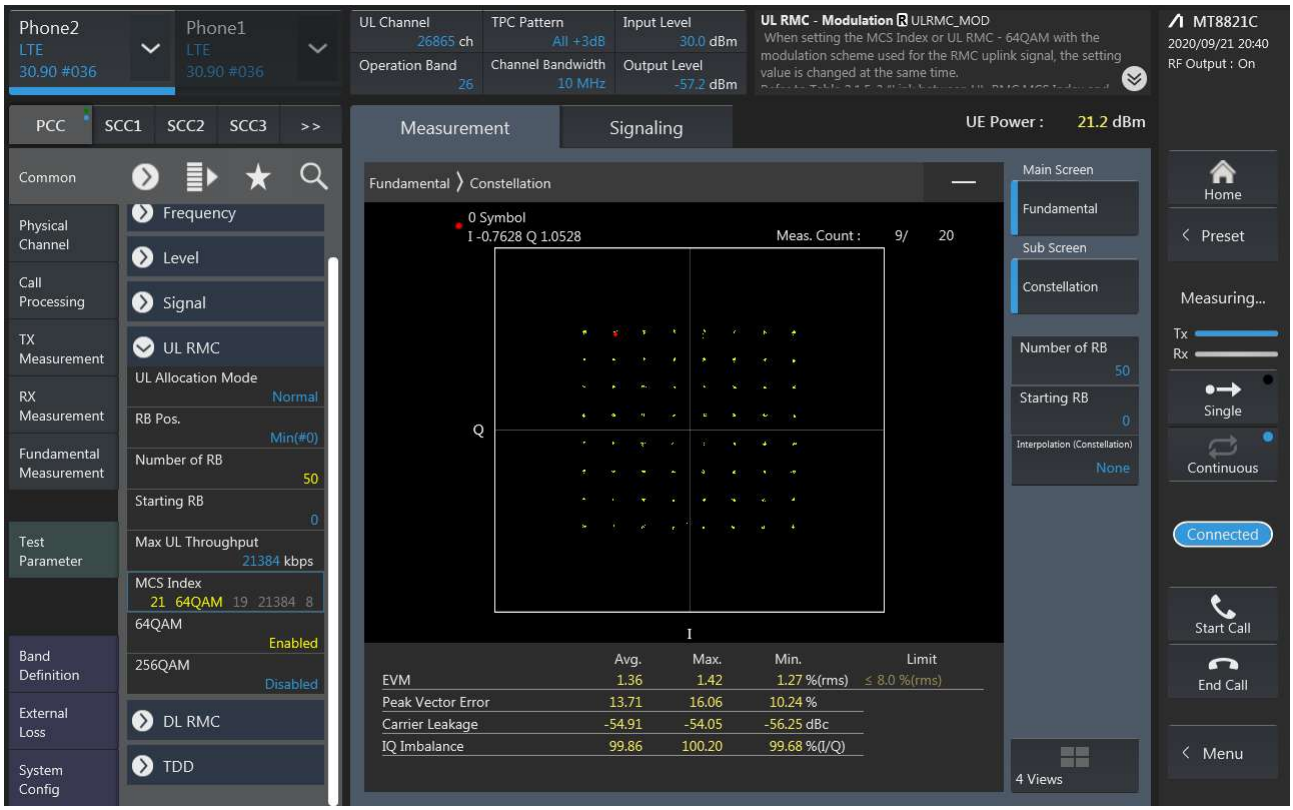
3.3 Test Mode = LTE /TM3 10MHz

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	1.088	1.239	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.088	1.236	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.091	1.236	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.085	1.236	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.085	1.236	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.085	1.239	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	1.094	1.239	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	1.094	1.236	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	1.094	1.242	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.697	3.000	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.691	3.000	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.697	3.006	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.679	2.982	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.685	2.988	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.685	2.976	PASS
Band26	3MHz	64QAM	26705	15RB#0	2.691	2.994	PASS
Band26	3MHz	64QAM	26740	15RB#0	2.691	2.982	PASS
Band26	3MHz	64QAM	26775	15RB#0	2.685	2.988	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.466	4.890	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.476	4.890	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.466	4.880	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.476	4.910	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.486	4.920	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.486	4.910	PASS
Band26	5MHz	64QAM	26715	25RB#0	4.466	4.880	PASS
Band26	5MHz	64QAM	26740	25RB#0	4.466	4.870	PASS
Band26	5MHz	64QAM	26765	25RB#0	4.476	4.880	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.931	9.640	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.911	9.680	PASS
Band26	10MHz	64QAM	26740	50RB#0	8.911	9.620	PASS

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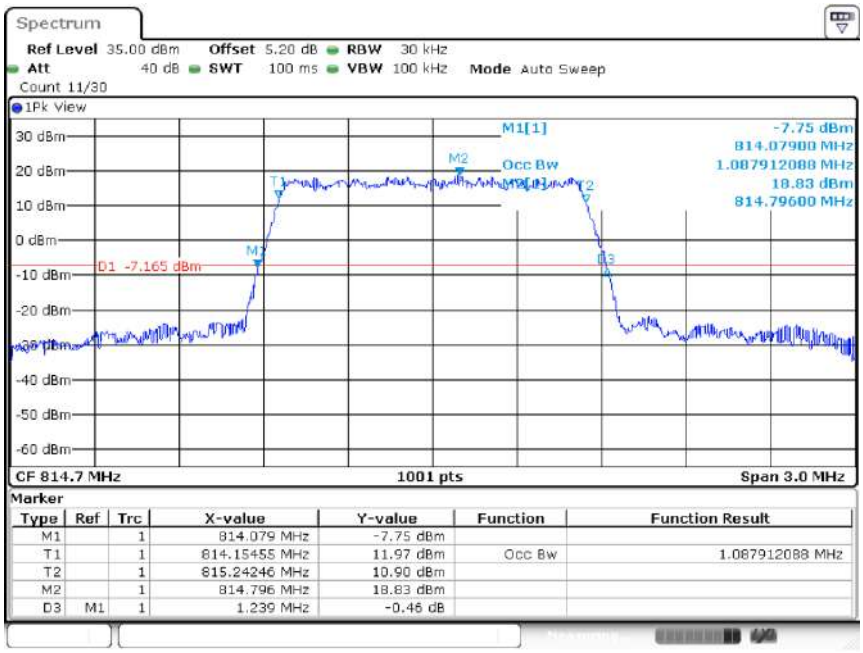
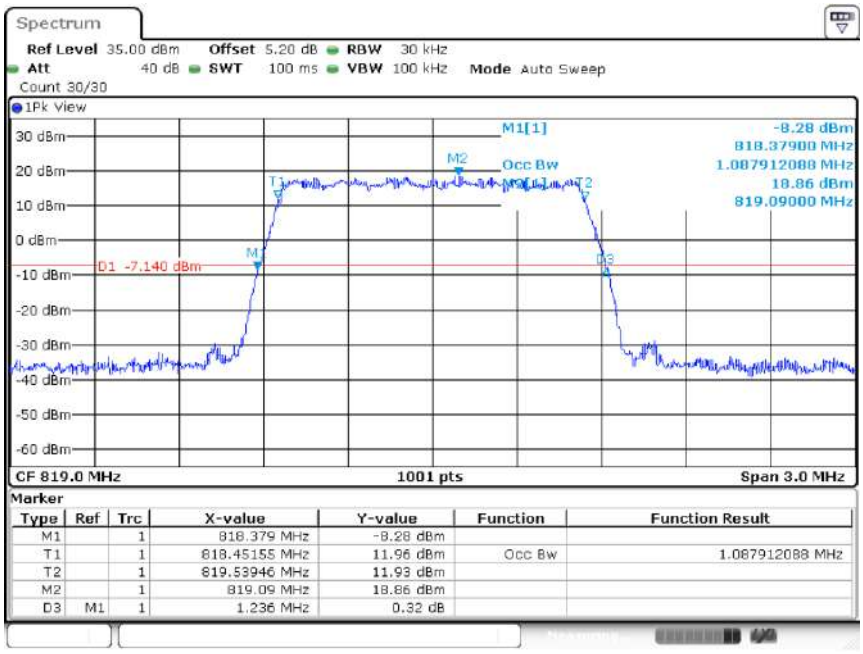
4.2 Test Plots

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



Date: 22.SEP.2020 17:33:16

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



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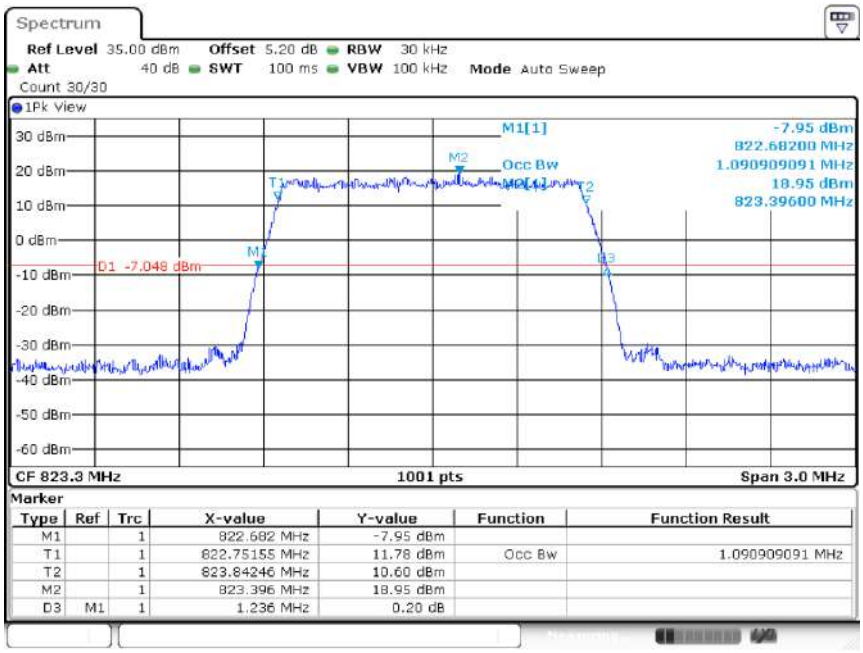
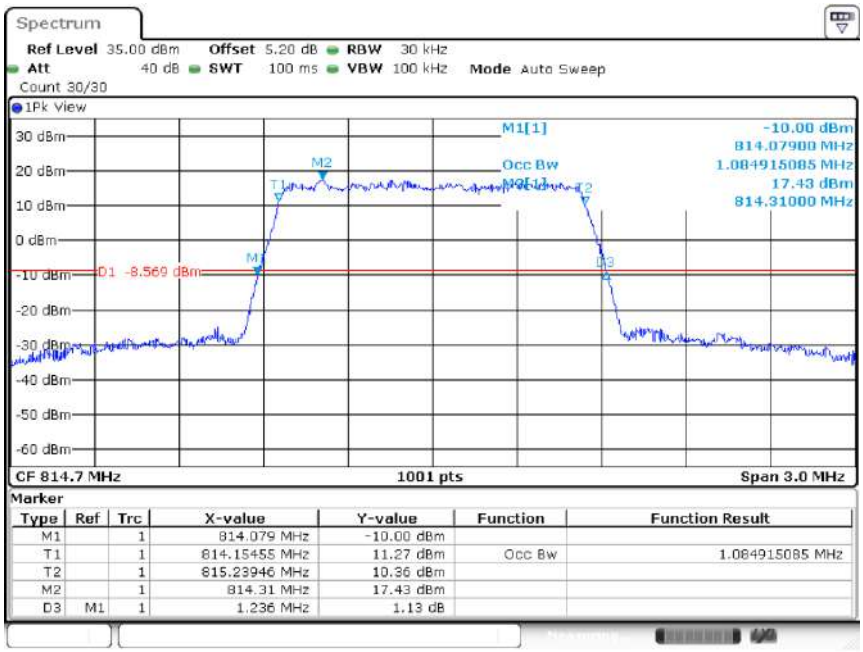
Band26-1.4MHz-QPSK-26783-6RB#0-1.091



Band26-1.4MHz-16QAM-26697-6RB#0-1.085



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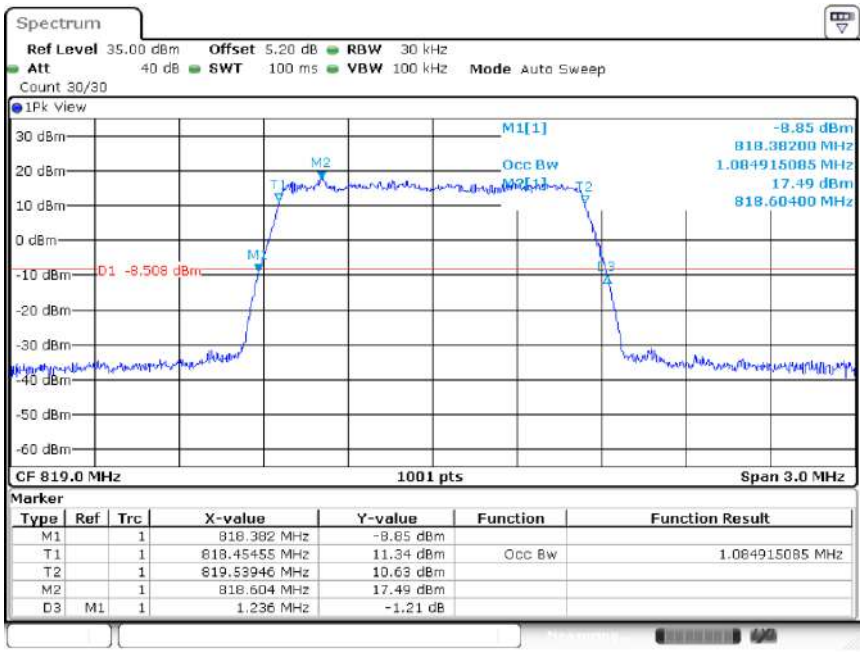
Band26-1.4MHz-16QAM-26740-6RB#0-1.085

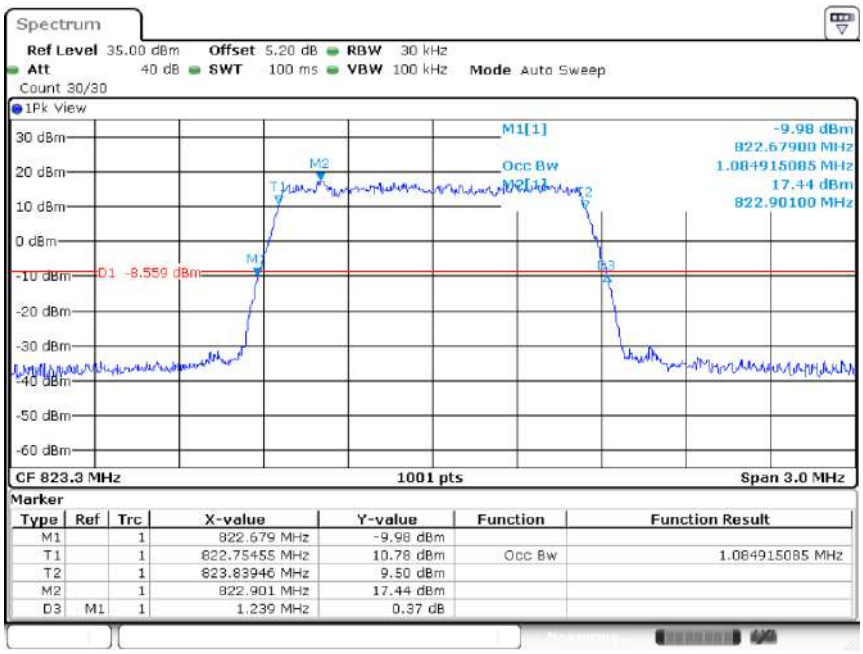


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	818.382 MHz	-8.85 dBm		
T1		1	818.45455 MHz	11.34 dBm	Occ Bw	1.084915085 MHz
T2		1	819.53946 MHz	10.63 dBm		
M2		1	818.604 MHz	17.49 dBm		
D3	M1	1	1.236 MHz	-1.21 dB		

Date: 22.SEP.2020 17:34:03

Band26-1.4MHz-16QAM-26783-6RB#0-1.085



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	822.679 MHz	-9.98 dBm		
T1		1	822.75455 MHz	10.78 dBm	Occ Bw	1.084915085 MHz
T2		1	823.83946 MHz	9.50 dBm		
M2		1	822.901 MHz	17.44 dBm		
D3	M1	1	1.239 MHz	0.37 dB		

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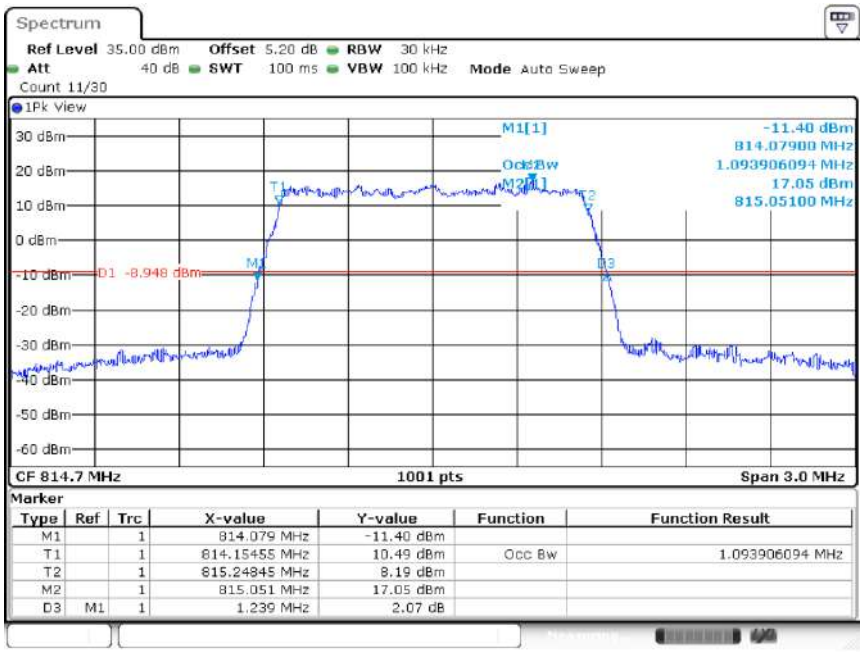
Band26-1.4MHz-64QAM-26697-6RB#0-1.094



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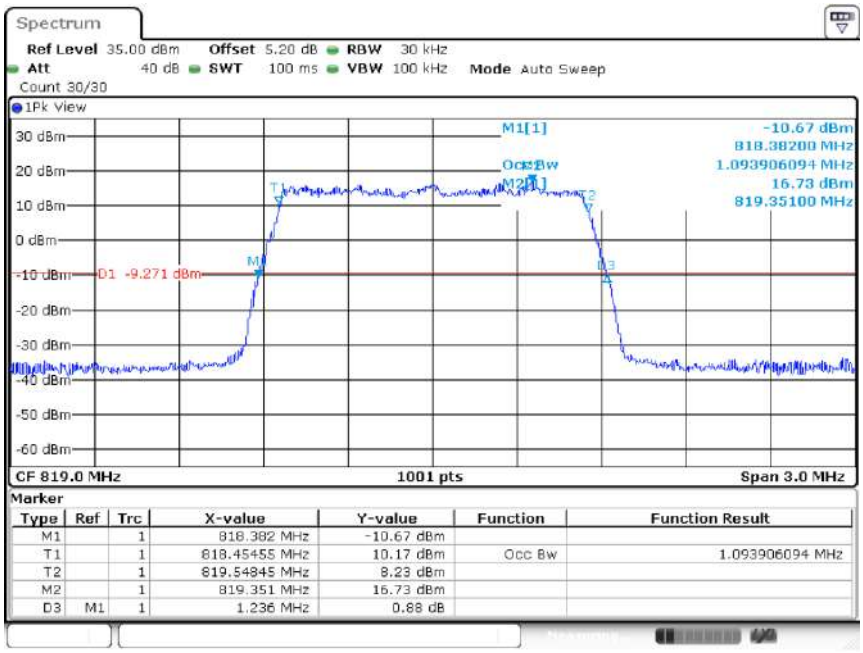
Band26-1.4MHz-64QAM-26740-6RB#0-1.094



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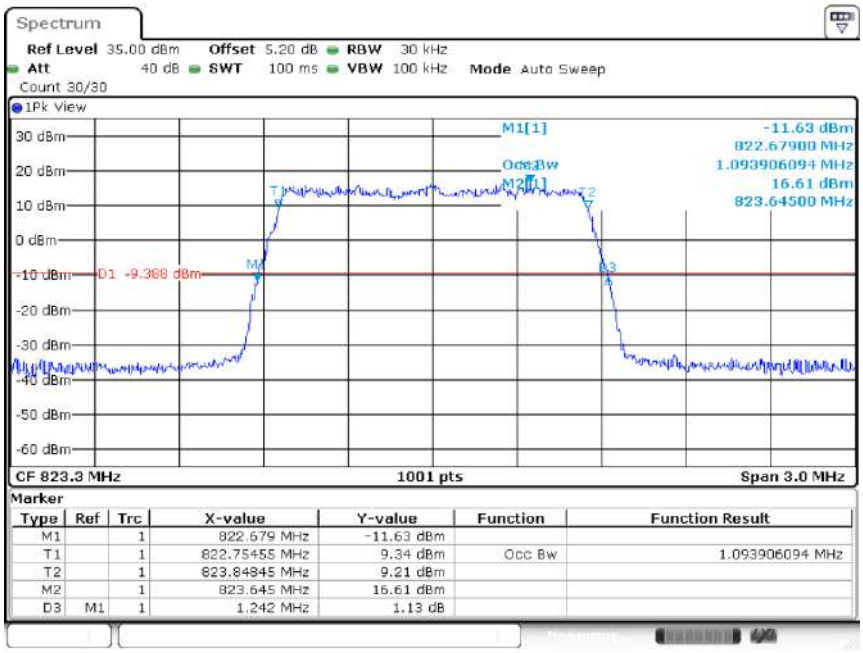

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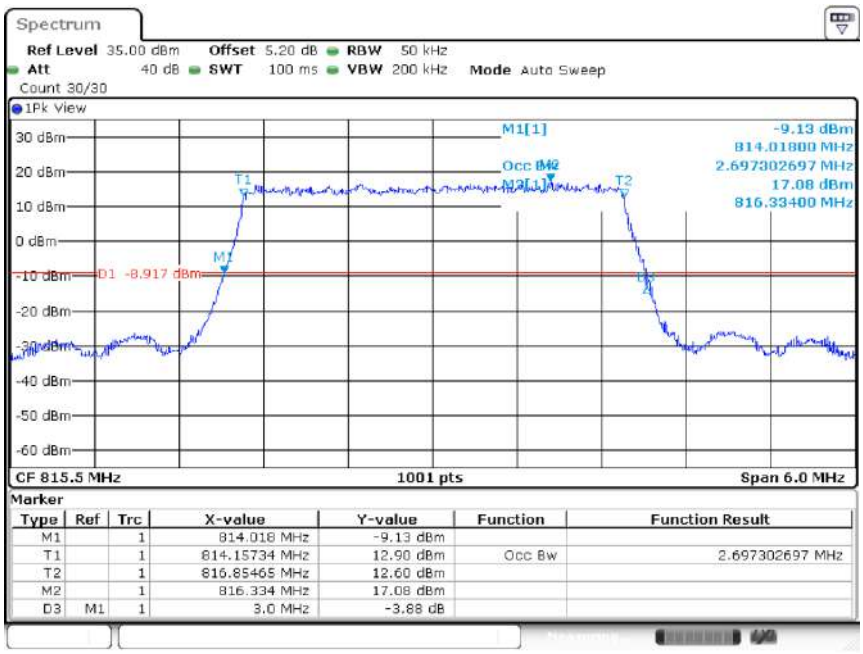
Band26-3MHz-QPSK-26705-15RB#0-2.697



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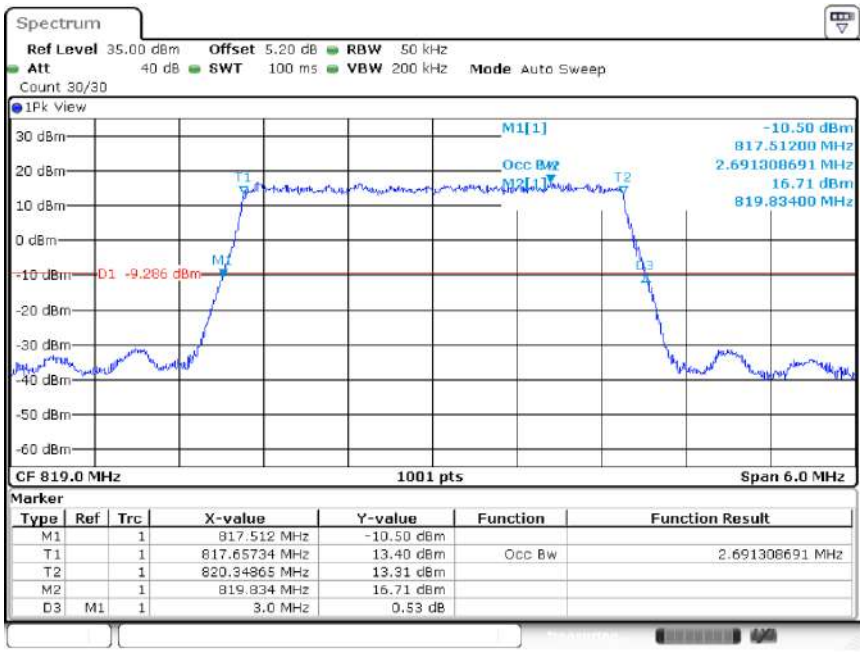
Band26-3MHz-QPSK-26740-15RB#0-2.691



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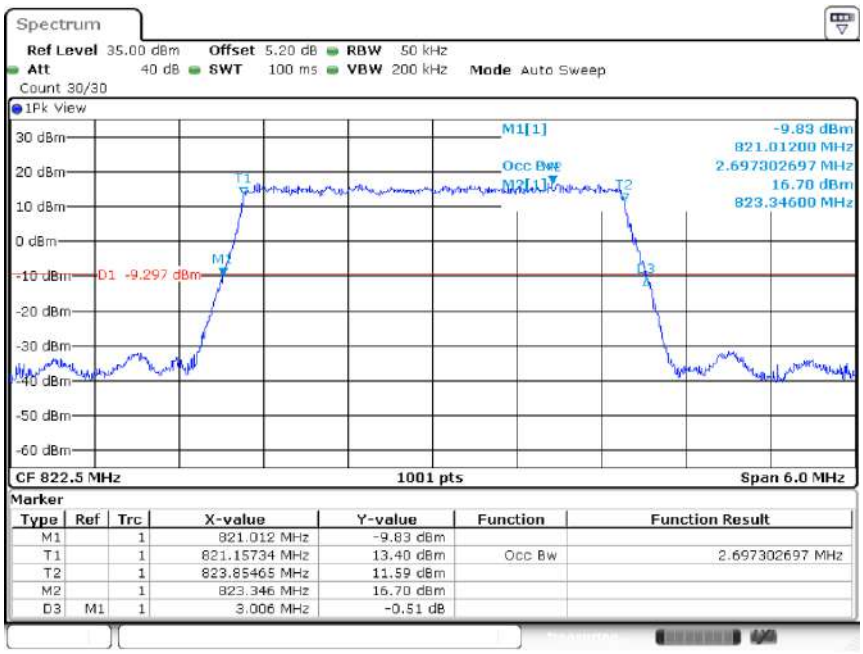
Band26-3MHz-QPSK-26775-15RB#0-2.697



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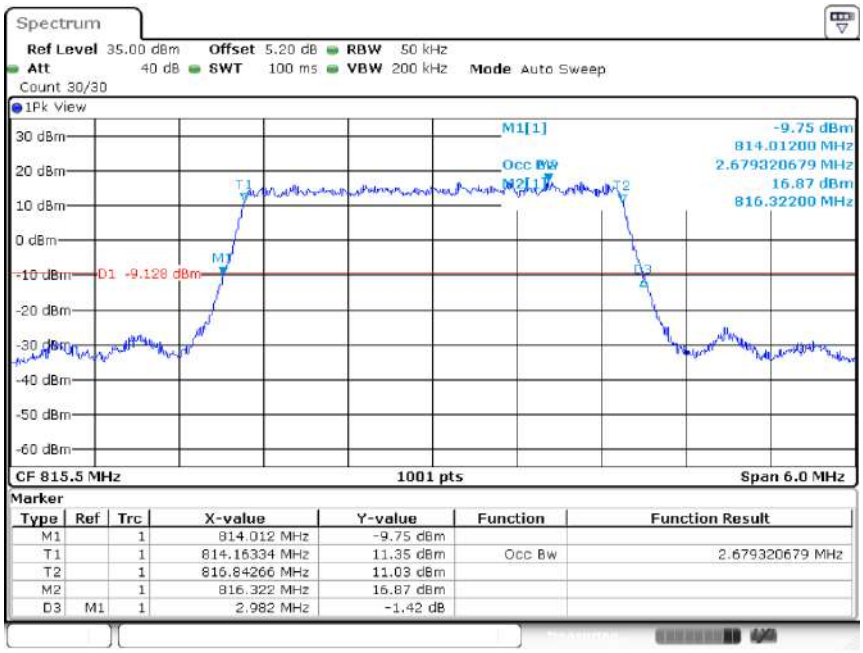
Band26-3MHz-16QAM-26705-15RB#0-2.679



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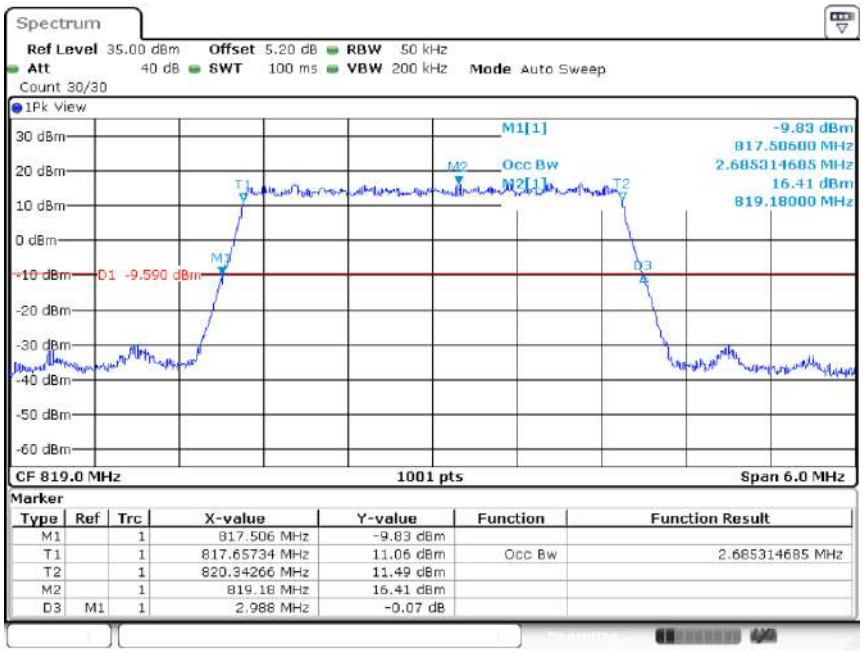
Band26-3MHz-16QAM-26740-15RB#0-2.685



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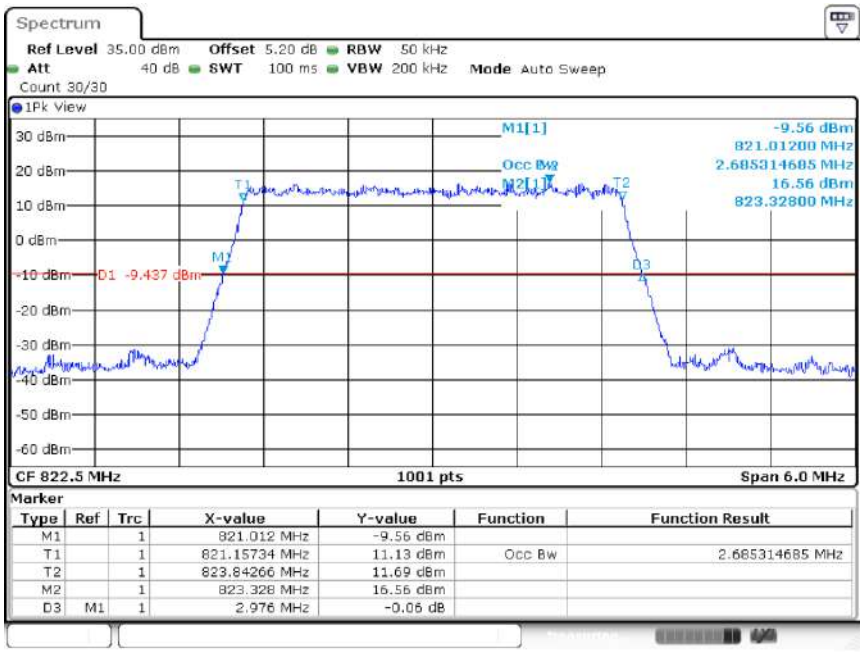
Band26-3MHz-16QAM-26775-15RB#0-2.685



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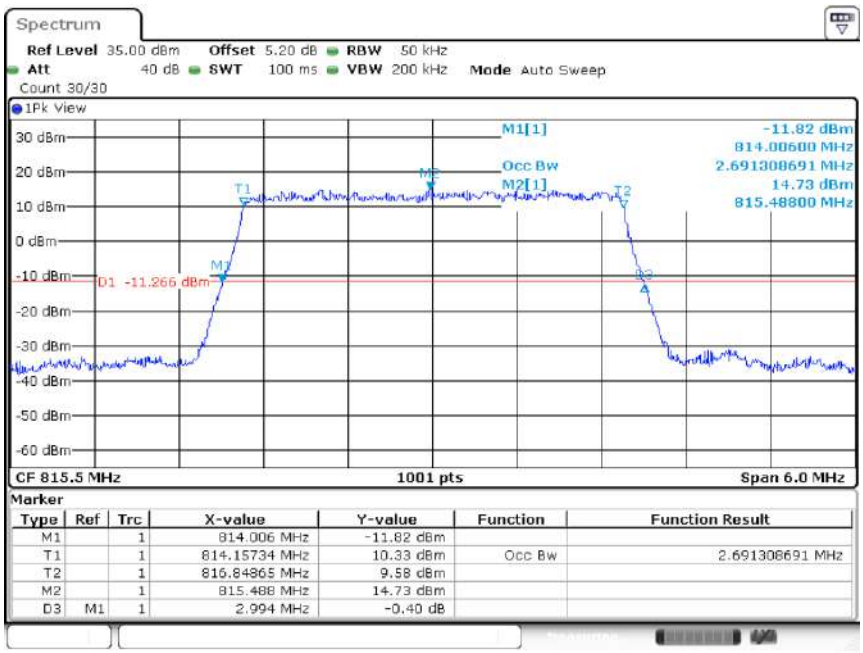
Band26-3MHz-64QAM-26705-15RB#0-2.691



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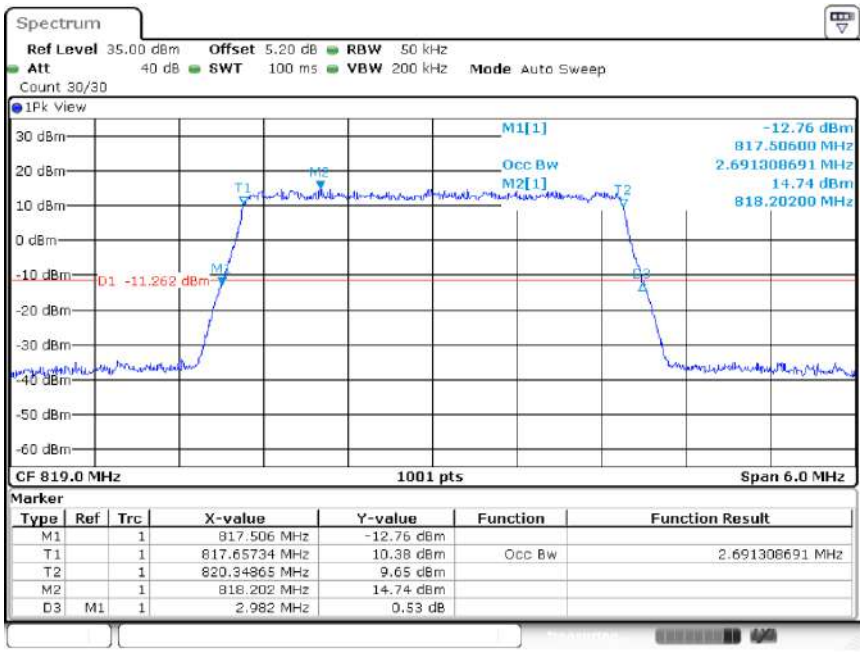

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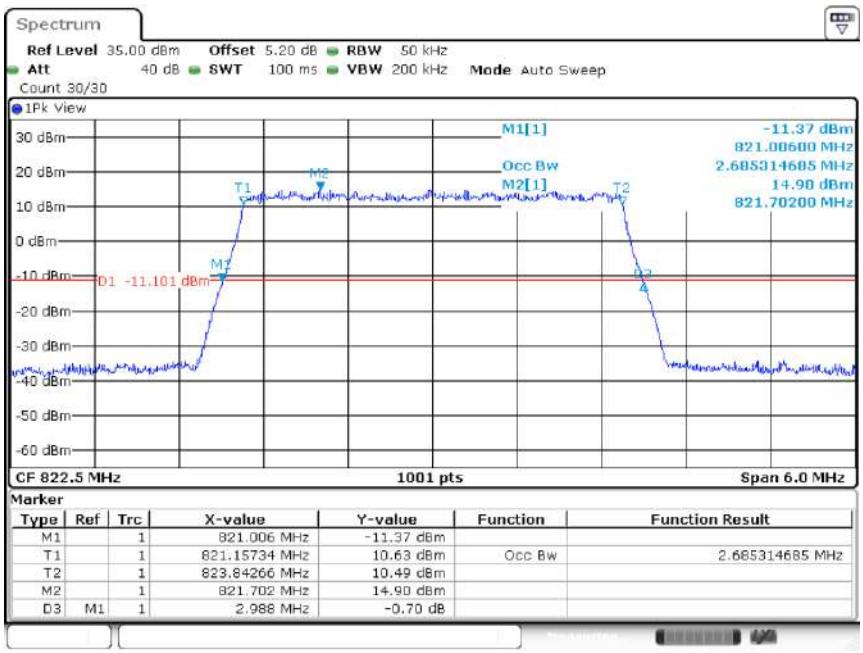
Band26-3MHz-64QAM-26775-15RB#0-2.685



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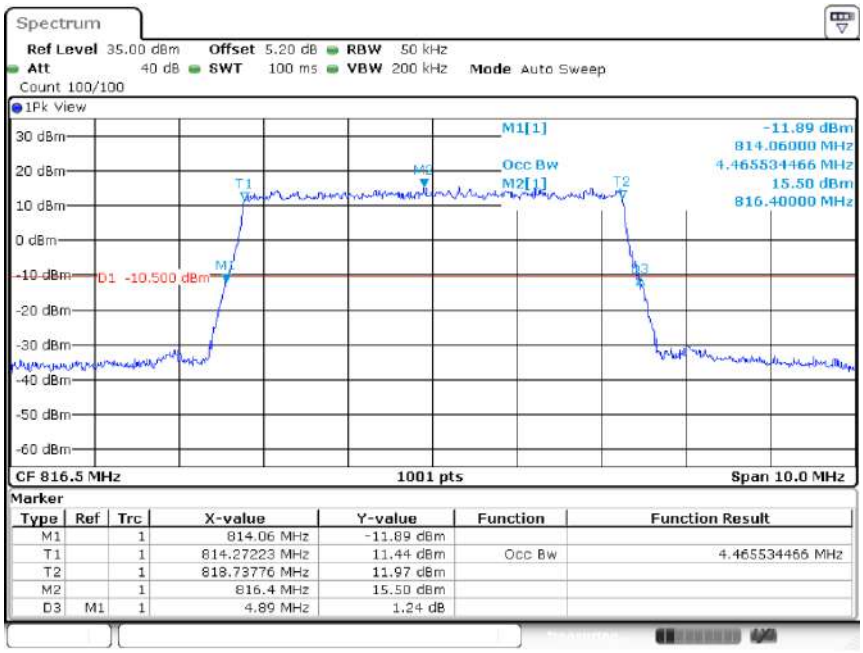
Band26-5MHz-QPSK-26715-25RB#0-4.466



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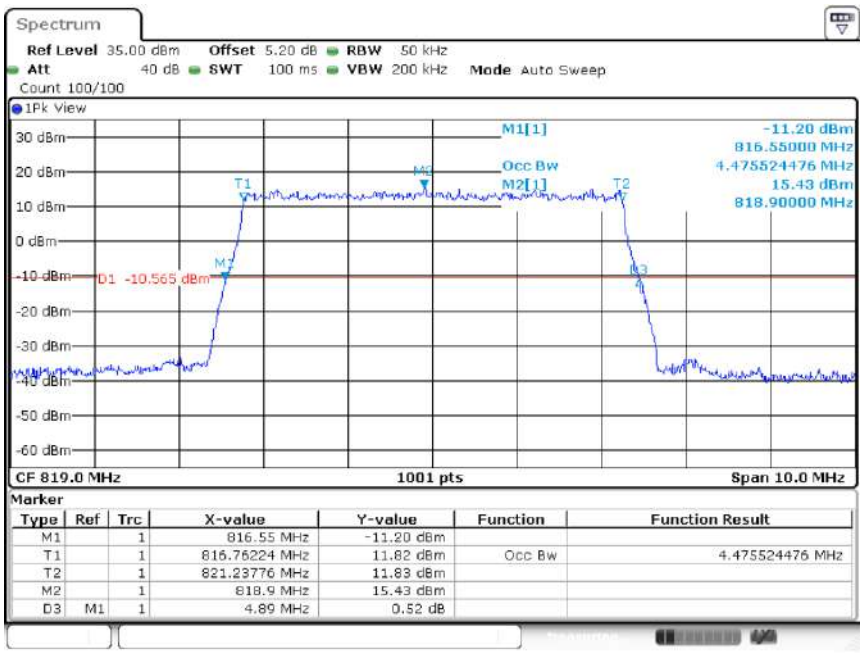
Band26-5MHz-QPSK-26740-25RB#0-4.476



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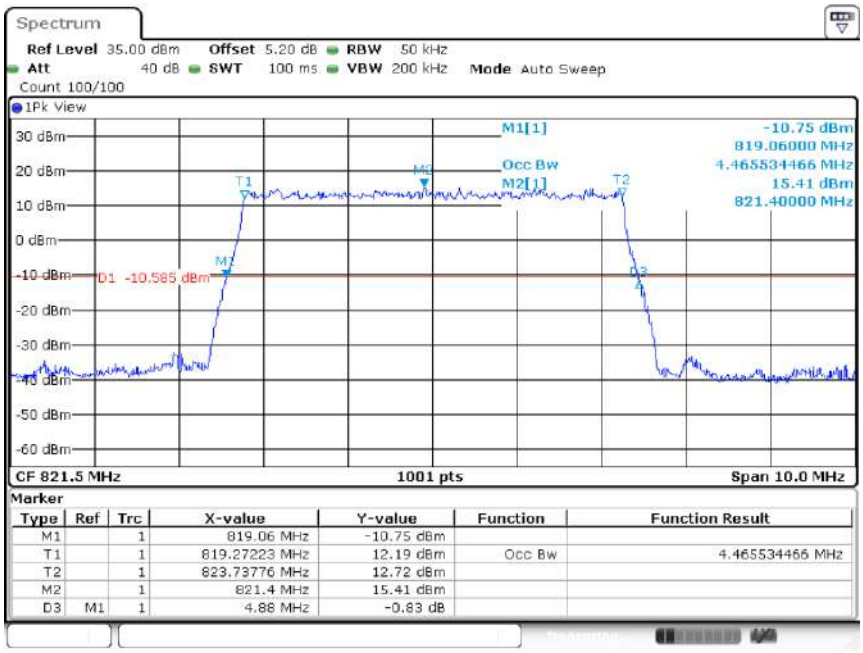
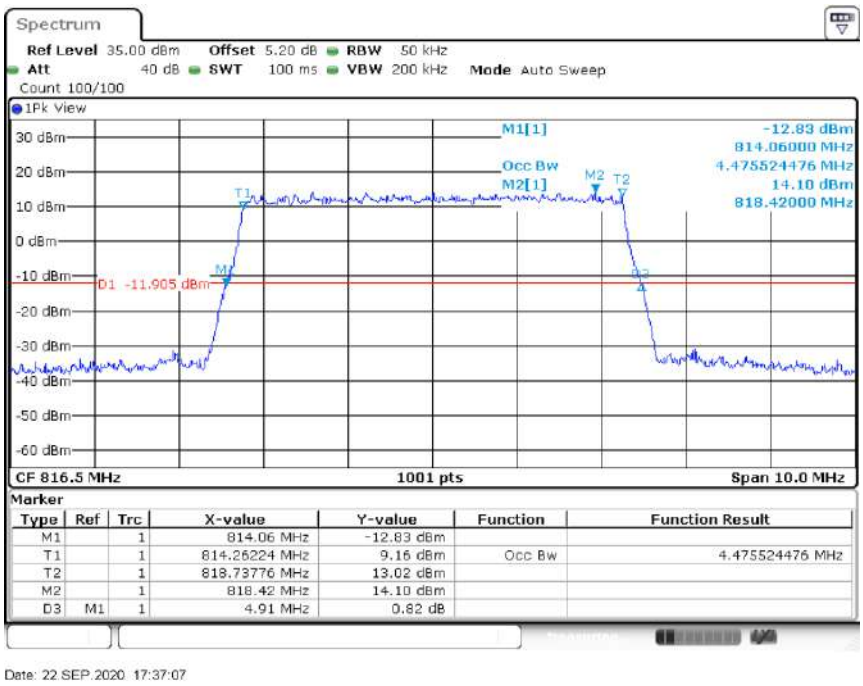
Band26-5MHz-QPSK-26765-25RB#0-4.466



Band26-5MHz-16QAM-26715-25RB#0-4.476



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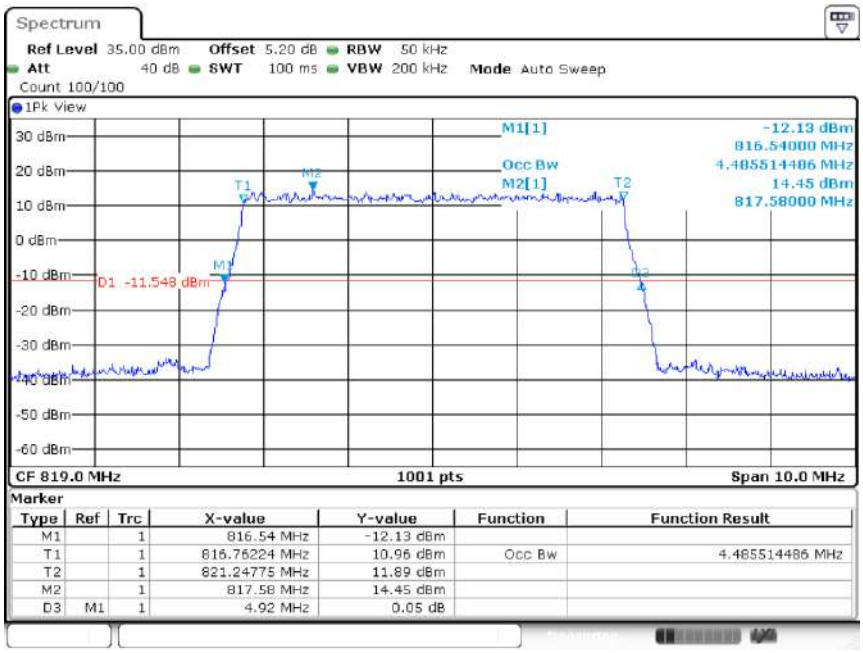
Band26-5MHz-16QAM-26740-25RB#0-4.486



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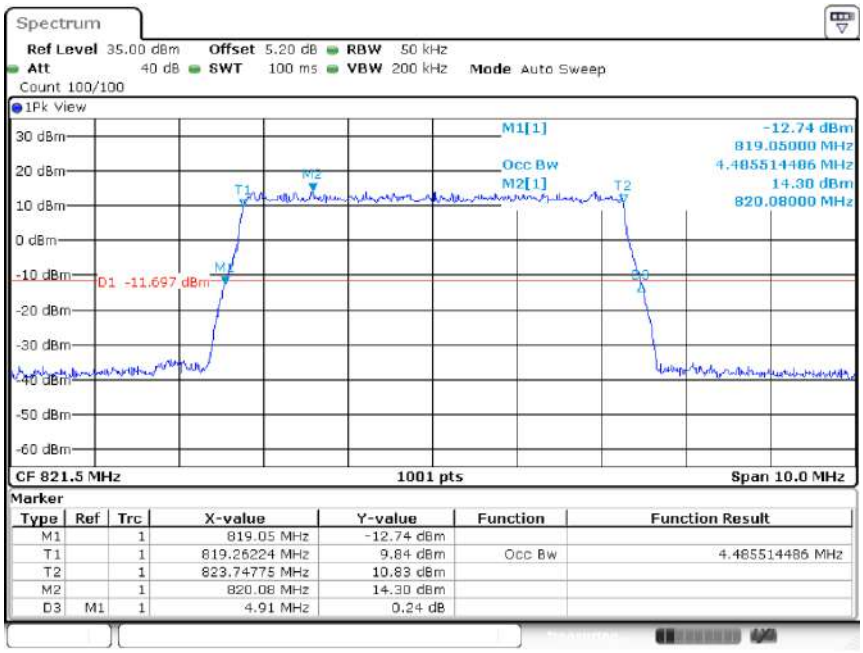
Band26-5MHz-16QAM-26765-25RB#0-4.486



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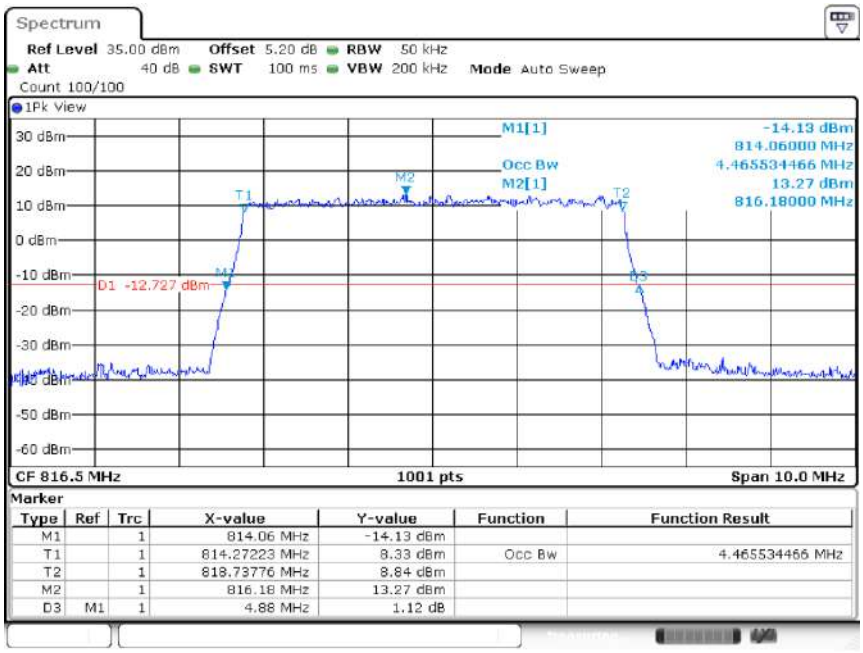
Band26-5MHz-64QAM-26715-25RB#0-4.466



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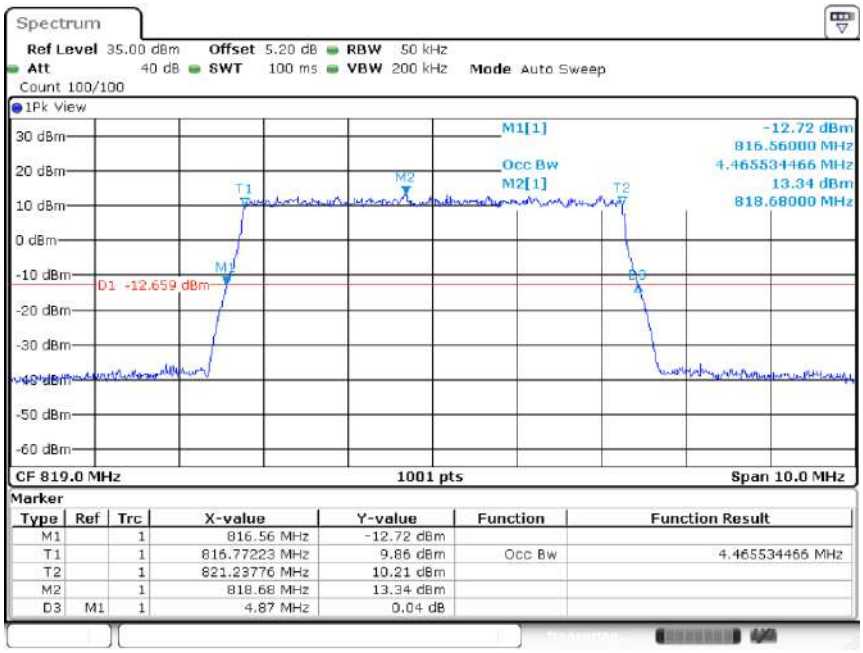
Band26-5MHz-64QAM-26740-25RB#0-4.466



Date: 22.SEP.2020 19:40:18

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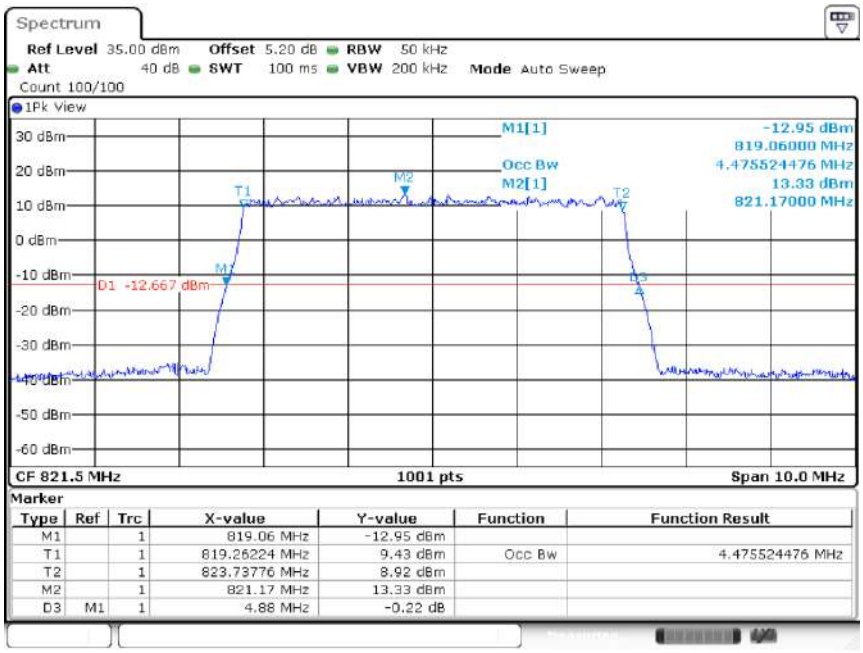
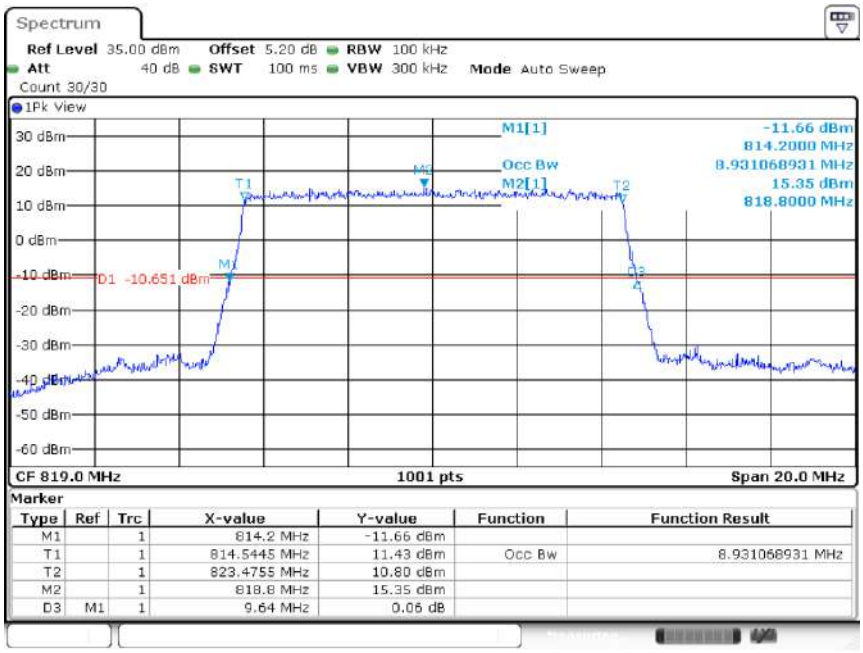
Band26-5MHz-64QAM-26765-25RB#0-4.476



Date: 22.SEP.2020 19:40:41

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



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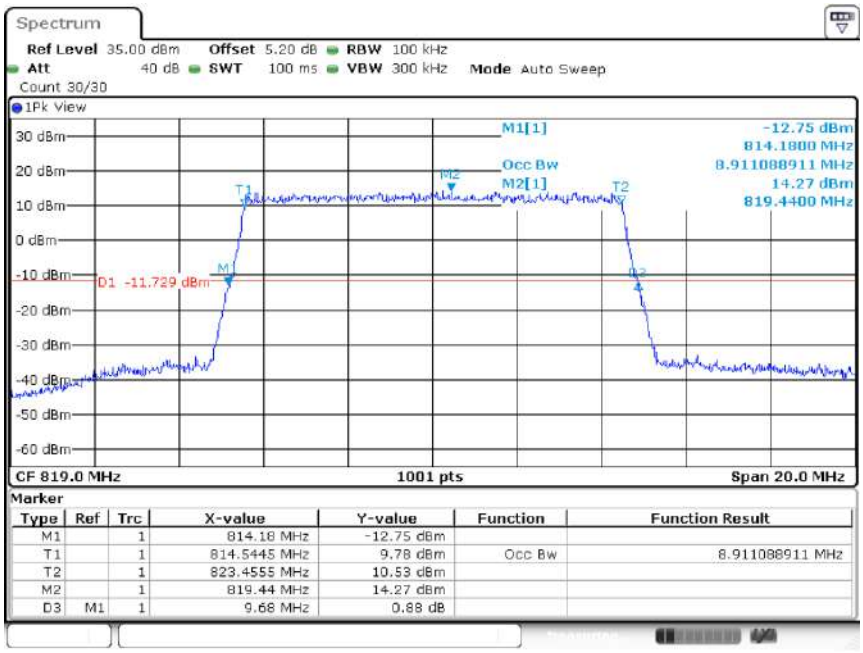
Band26-10MHz-16QAM-26740-50RB#0-8.911



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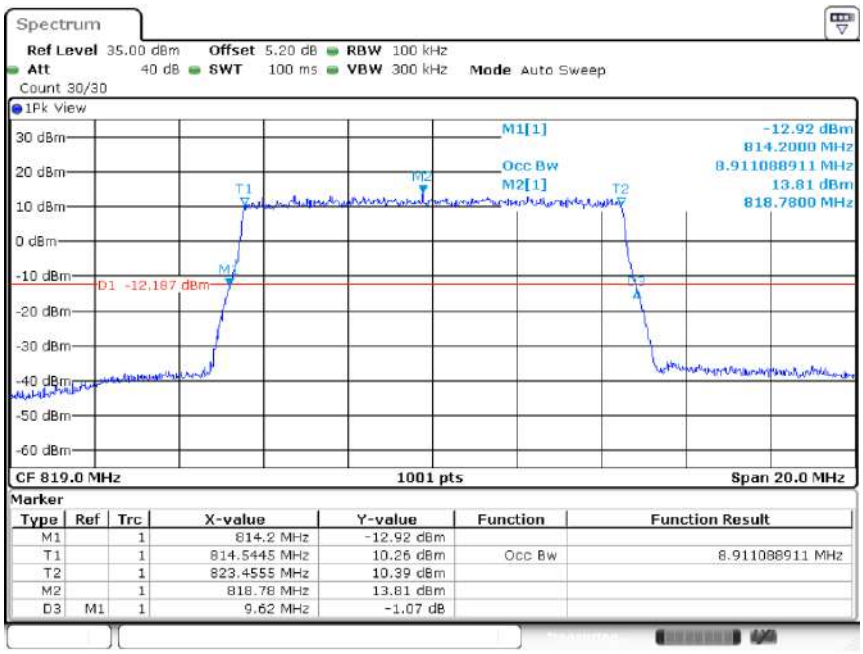
Band26-10MHz-64QAM-26740-50RB#0-8.911



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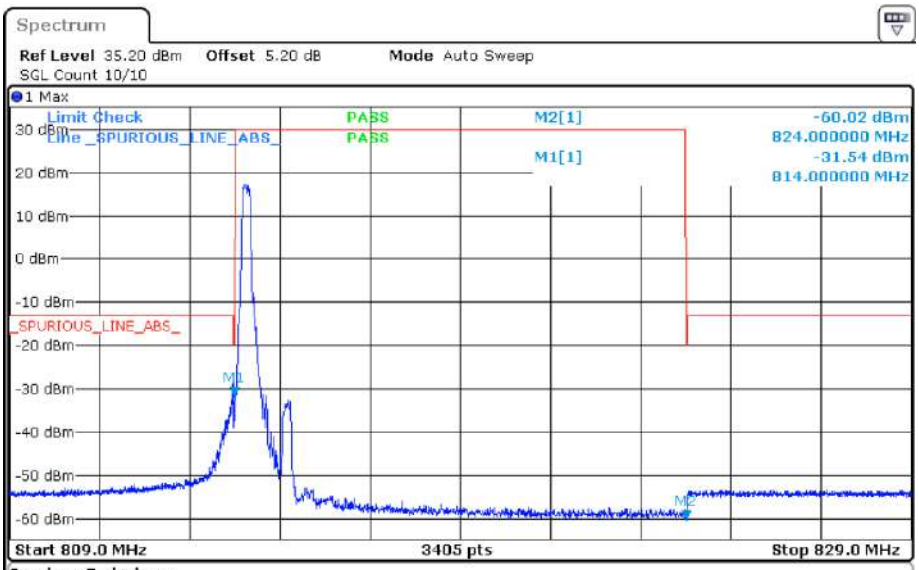
5 Band Edge Compliance

5.1 Test Plots

Band26-1.4MHz-QPSK-26697-1RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-26.79 dBm	-13.79 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99823 MHz	-33.04 dBm	-13.04 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.21479 MHz	17.20 dBm	-12.80 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.03330 MHz	-59.23 dBm	-39.23 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.92880 MHz	-53.38 dBm	-40.38 dB

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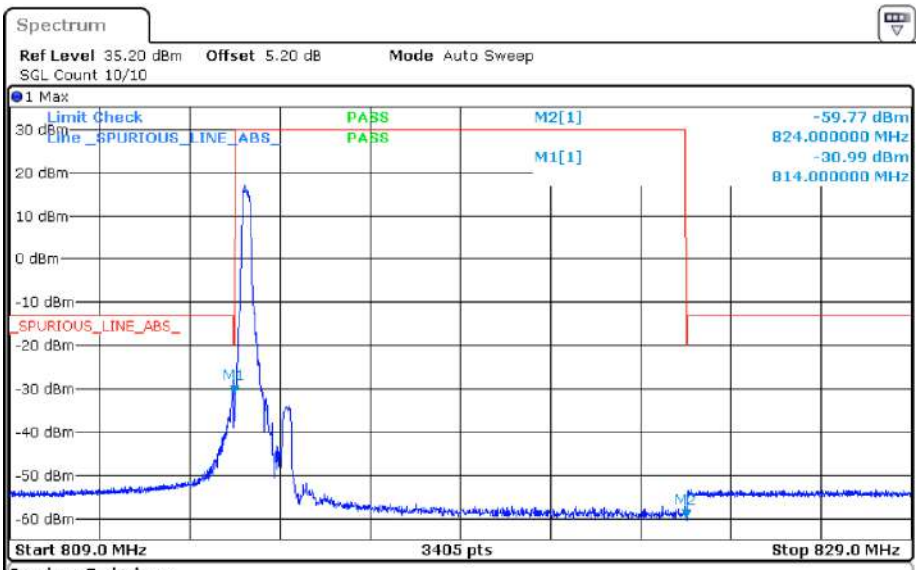
Band26-1.4MHz-16QAM-26697-1RB#0

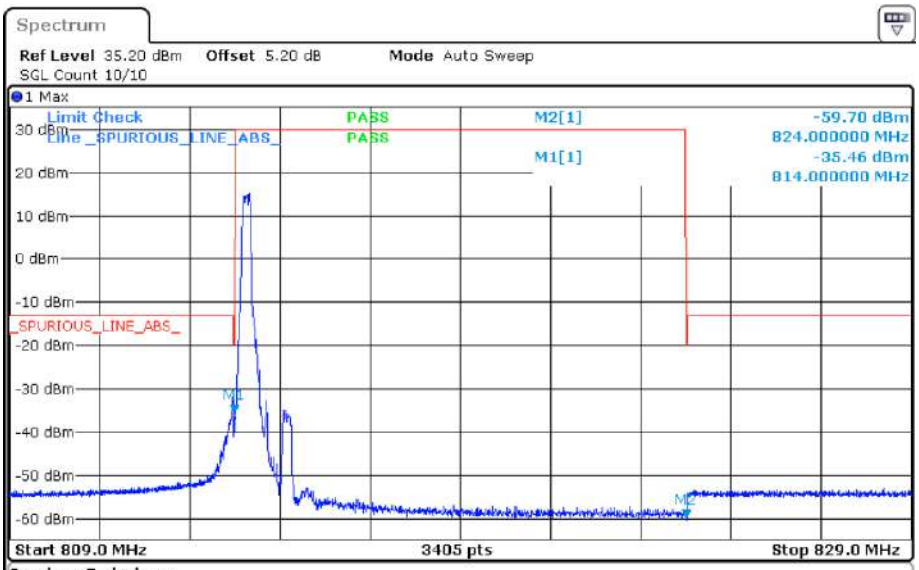


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-27.60 dBm	-14.60 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99785 MHz	-34.26 dBm	-14.26 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.20480 MHz	16.88 dBm	-13.12 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02267 MHz	-59.26 dBm	-39.26 dB
824.038 MHz	829.000 MHz	100.000 kHz	828.22414 MHz	-53.27 dBm	-40.27 dB

Date: 22.SEP.2020 21:30:31

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-30.75 dBm	-17.75 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99953 MHz	-36.53 dBm	-16.53 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.32468 MHz	15.11 dBm	-14.89 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.03629 MHz	-59.12 dBm	-39.12 dB
824.038 MHz	829.000 MHz	100.000 kHz	828.37783 MHz	-53.06 dBm	-40.06 dB

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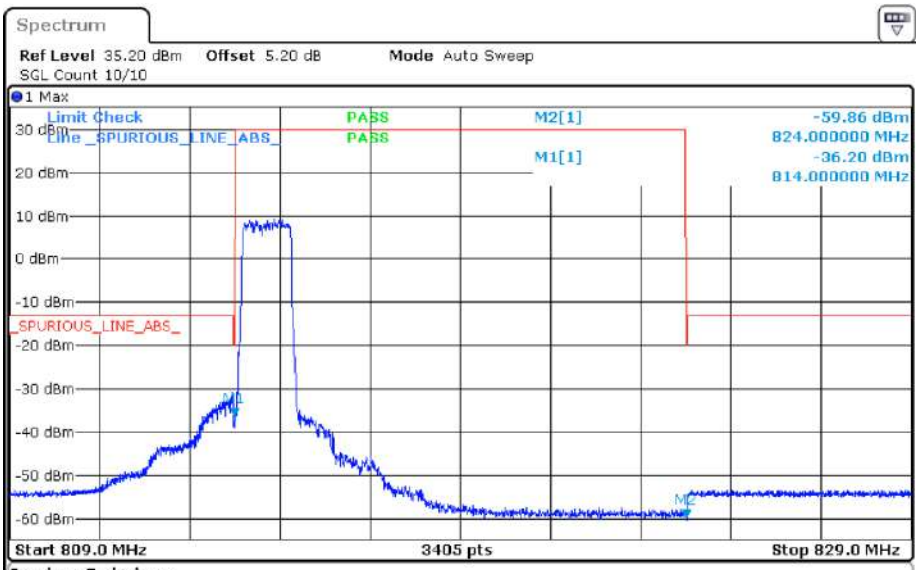
Band26-1.4MHz-QPSK-26697-6RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95011 MHz	-30.76 dBm	-17.76 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.96651 MHz	-36.91 dBm	-16.91 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.86414 MHz	9.31 dBm	-20.69 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00513 MHz	-59.23 dBm	-39.23 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.12921 MHz	-53.38 dBm	-40.38 dB

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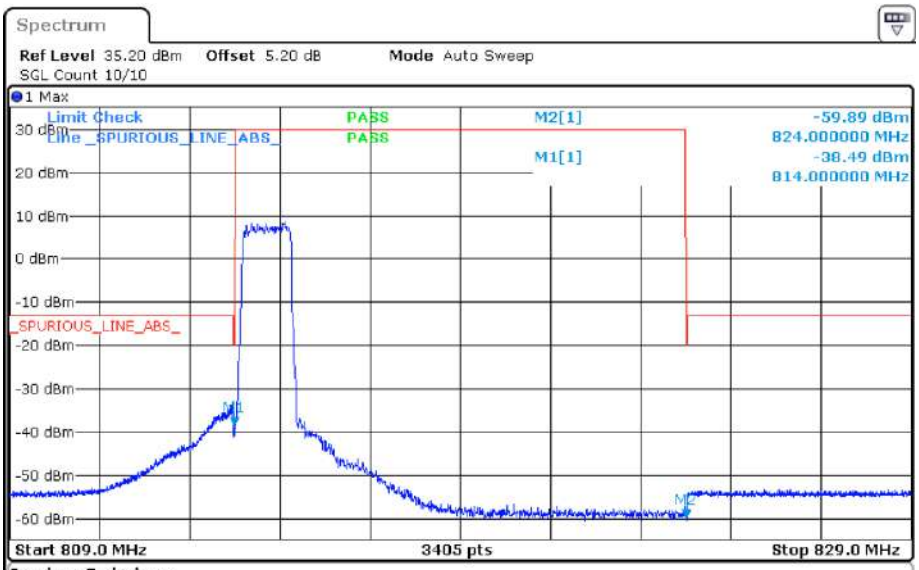
Band26-1.4MHz-16QAM-26697-6RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-33.01 dBm	-20.01 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99953 MHz	-39.01 dBm	-19.01 dB
814.000 MHz	824.000 MHz	30.000 kHz	815.09391 MHz	8.54 dBm	-21.46 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02043 MHz	-59.30 dBm	-39.30 dB
824.038 MHz	829.000 MHz	100.000 kHz	826.31549 MHz	-53.15 dBm	-40.15 dB

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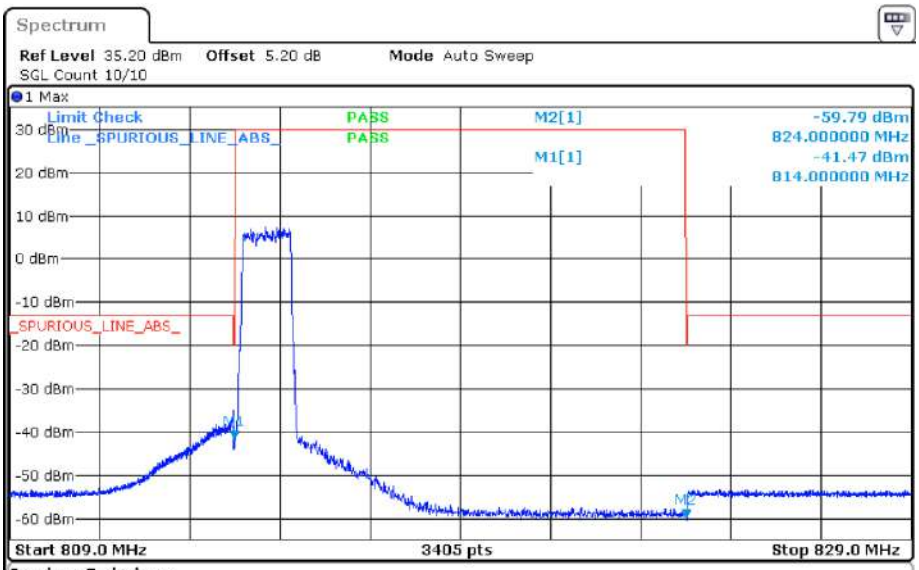
Band26-1.4MHz-64QAM-26697-6RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-34.89 dBm	-21.89 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99729 MHz	-42.05 dBm	-22.05 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.67433 MHz	7.48 dBm	-22.52 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02267 MHz	-59.43 dBm	-39.43 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.74395 MHz	-53.28 dBm	-40.28 dB

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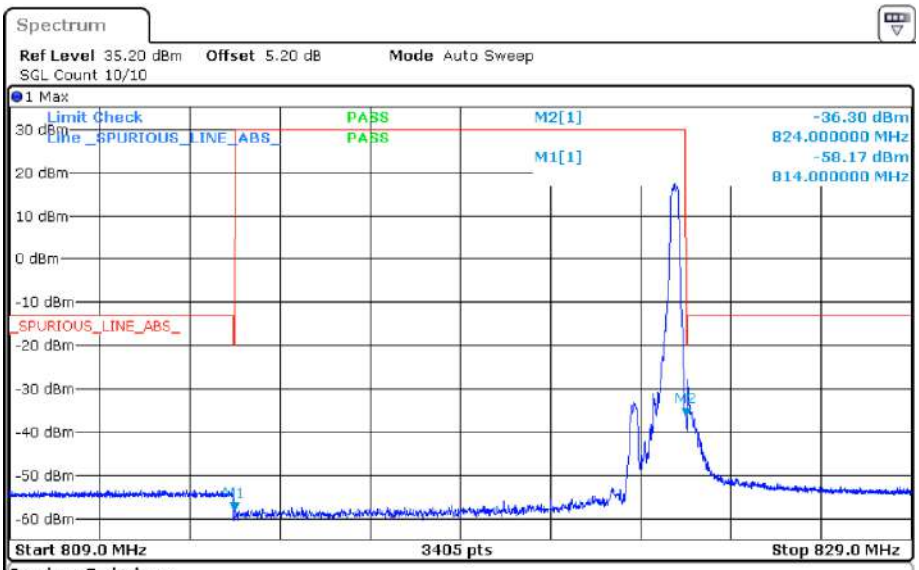
Band26-1.4MHz-QPSK-26783-1RB#5



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.35024 MHz	-53.43 dBm	-40.43 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.96931 MHz	-59.33 dBm	-39.33 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.75524 MHz	17.52 dBm	-12.48 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00177 MHz	-36.08 dBm	-16.08 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-27.88 dBm	-14.88 dB

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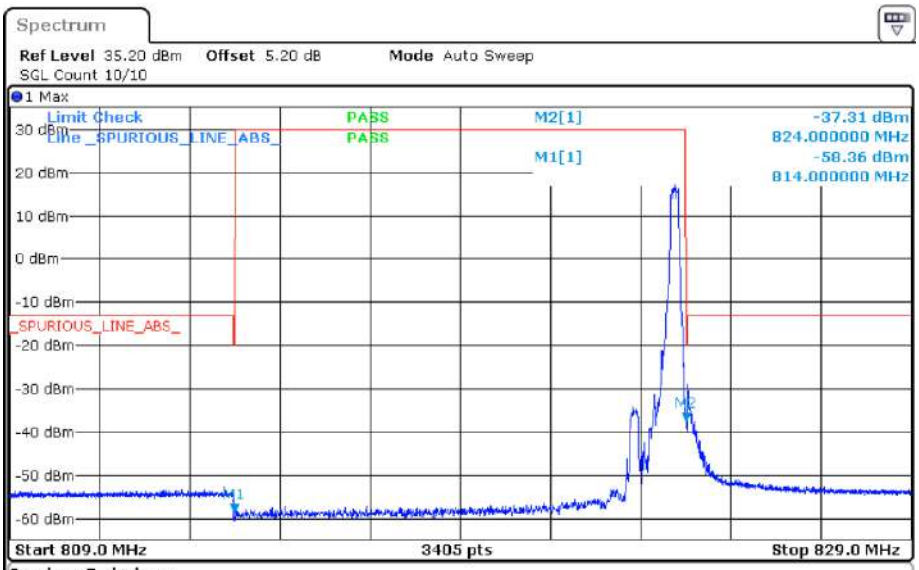
Band26-1.4MHz-16QAM-26783-1RB#5

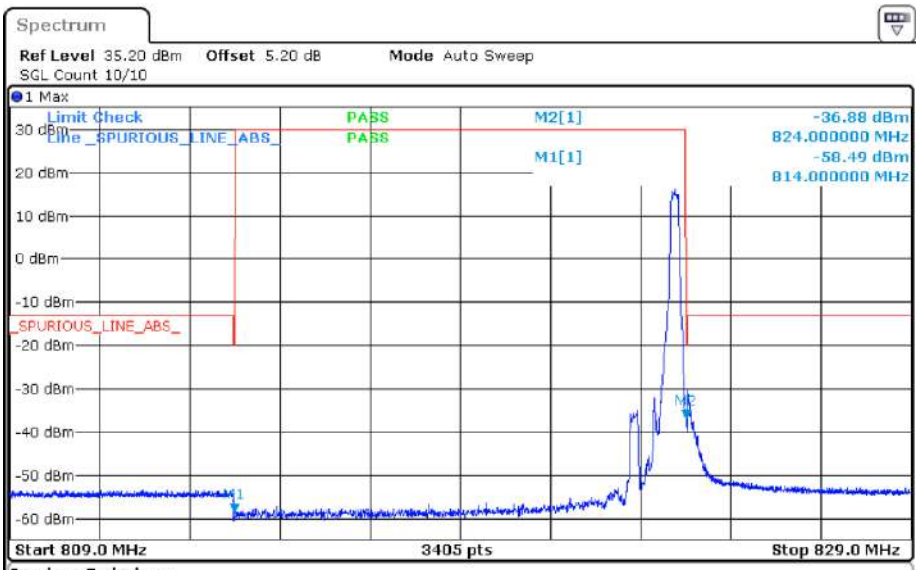


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.77163 MHz	-52.76 dBm	-39.76 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.98722 MHz	-59.47 dBm	-39.47 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.76523 MHz	17.19 dBm	-12.81 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00159 MHz	-36.82 dBm	-16.82 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-28.89 dBm	-15.89 dB

Date: 22.SEP.2020 21:32:27

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	812.49259 MHz	-53.43 dBm	-40.43 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.98424 MHz	-59.61 dBm	-39.61 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.75524 MHz	16.20 dBm	-13.80 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00438 MHz	-36.76 dBm	-16.76 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-30.04 dBm	-17.04 dB

Date: 22.SEP.2020 21:33:05

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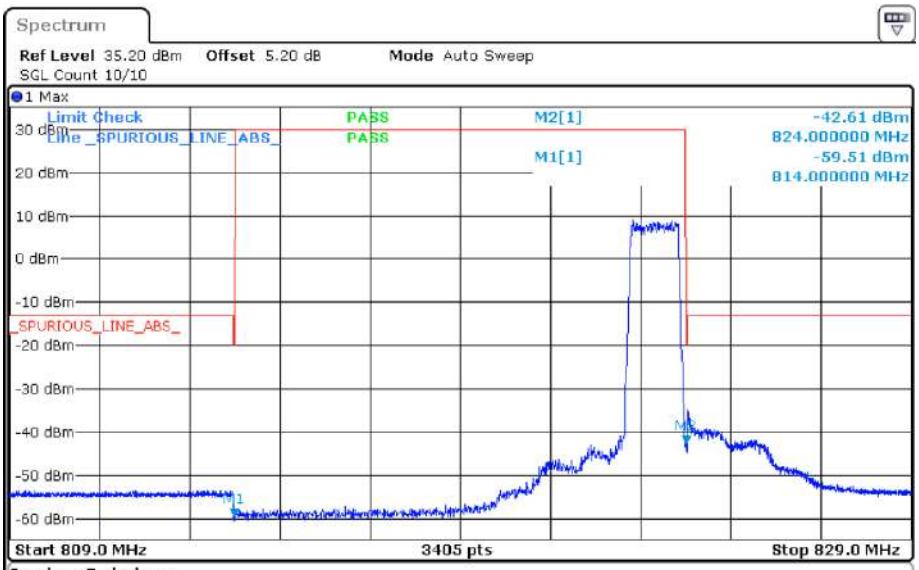
Band26-1.4MHz-QPSK-26783-6RB#0

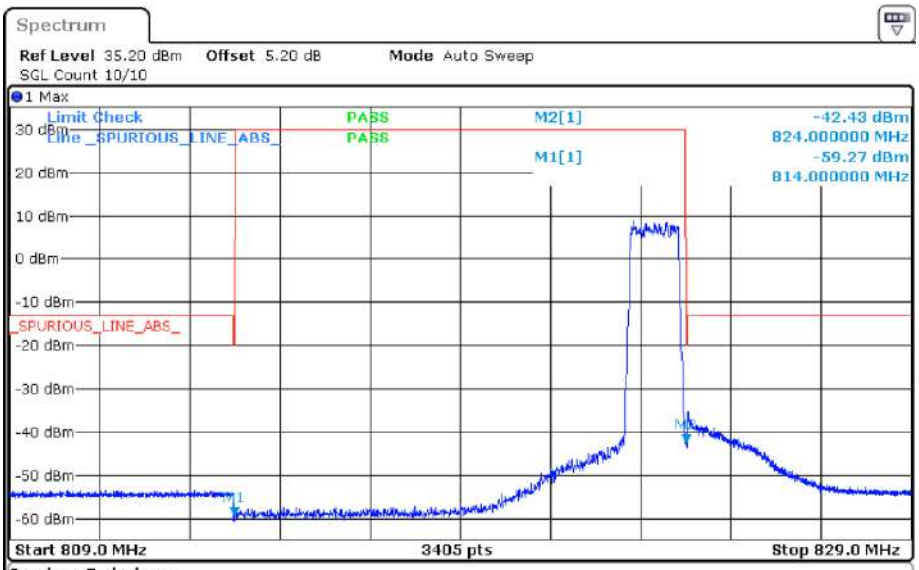


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	809.35942 MHz	-53.38 dBm	-40.38 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99095 MHz	-59.06 dBm	-39.06 dB
814.000 MHz	824.000 MHz	30.000 kHz	822.82617 MHz	8.99 dBm	-21.01 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00103 MHz	-42.33 dBm	-22.33 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-34.78 dBm	-21.78 dB

Date: 22.SEP.2020 21:35:38

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	812.71072 MHz	-53.33 dBm	-40.33 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.97360 MHz	-59.27 dBm	-39.27 dB
814.000 MHz	824.000 MHz	30.000 kHz	822.85614 MHz	8.72 dBm	-21.28 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00513 MHz	-41.82 dBm	-21.82 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04989 MHz	-35.28 dBm	-22.28 dB

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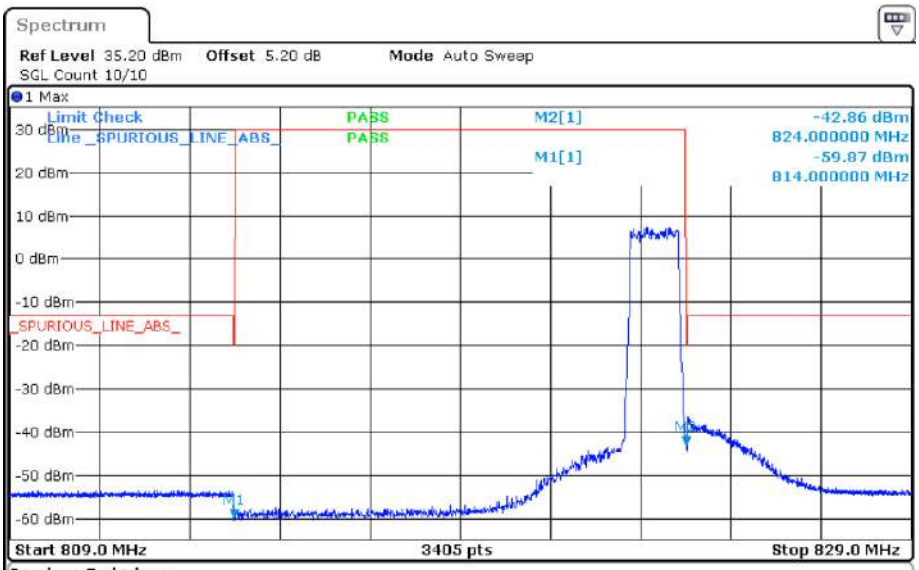
Band26-1.4MHz-64QAM-26783-6RB#0

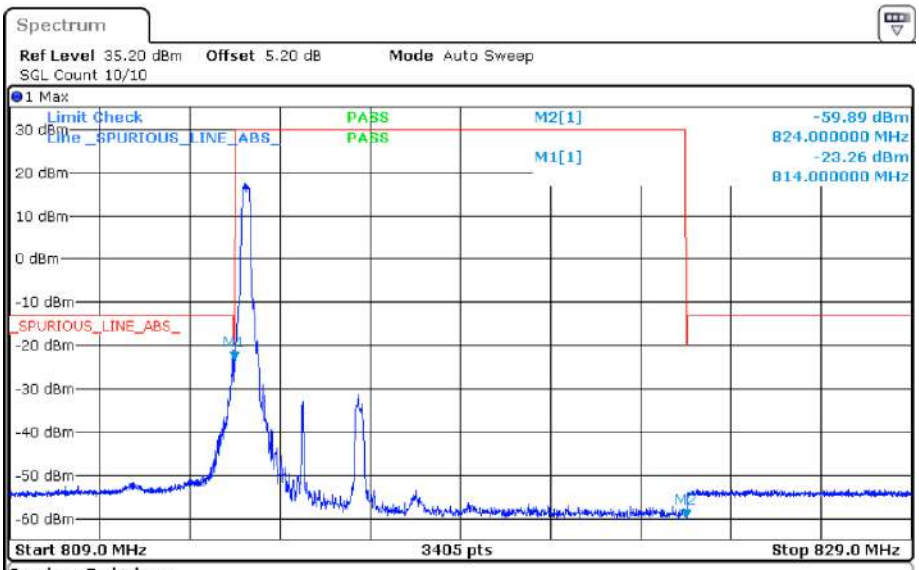


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	811.86794 MHz	-53.39 dBm	-40.39 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.98386 MHz	-59.37 dBm	-39.37 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.13586 MHz	7.20 dBm	-22.80 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.01017 MHz	-42.68 dBm	-22.68 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04494 MHz	-36.28 dBm	-23.28 dB

Date: 22.SEP.2020 21:36:55

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-20.89 dBm	-7.89 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99860 MHz	-21.60 dBm	-1.60 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.21479 MHz	17.40 dBm	-12.60 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.01987 MHz	-59.31 dBm	-39.31 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.27298 MHz	-53.10 dBm	-40.10 dB

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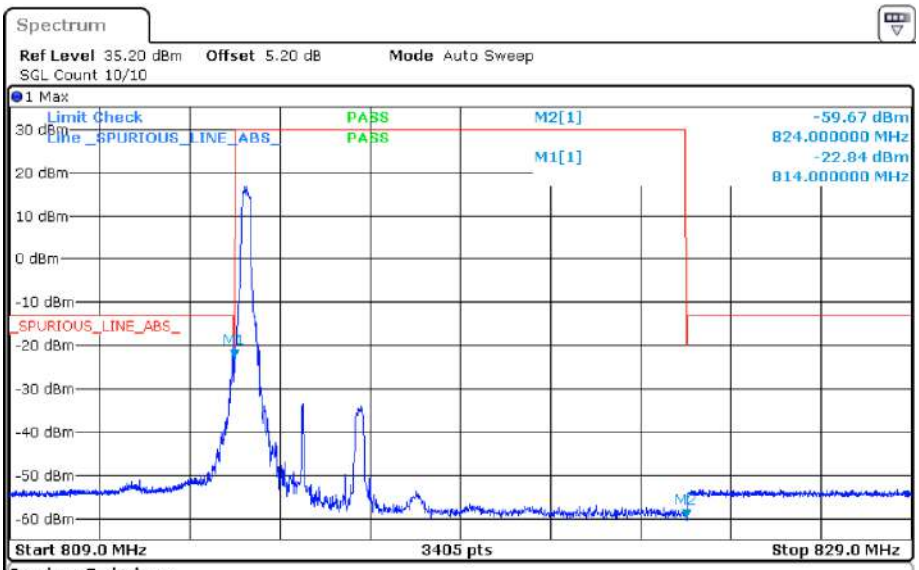
Band26-3MHz-16QAM-26705-1RB#0

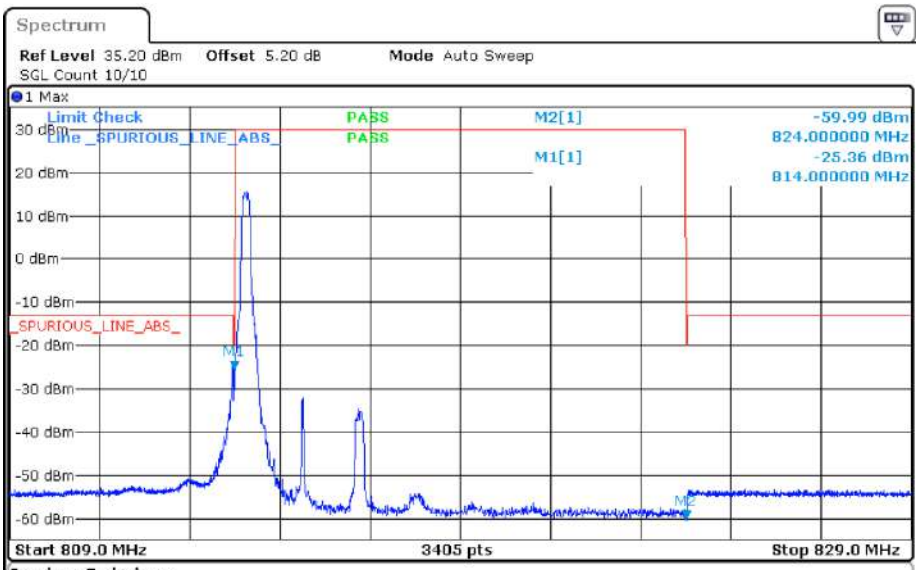


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-20.11 dBm	-7.11 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99991 MHz	-21.43 dBm	-1.43 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.22478 MHz	16.74 dBm	-13.26 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00532 MHz	-59.23 dBm	-39.23 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.31760 MHz	-53.16 dBm	-40.16 dB

Date: 22.SEP.2020 21:38:13

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-24.10 dBm	-11.10 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99972 MHz	-24.55 dBm	-4.55 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.27473 MHz	15.76 dBm	-14.24 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.01315 MHz	-59.23 dBm	-39.23 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.30415 MHz	-53.17 dBm	-40.17 dB

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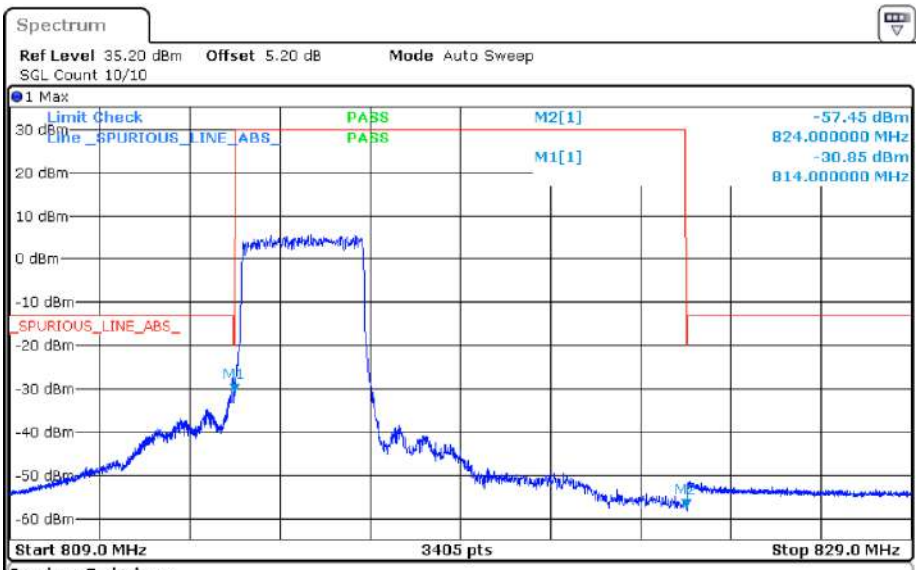
Band26-3MHz-QPSK-26705-15RB#0

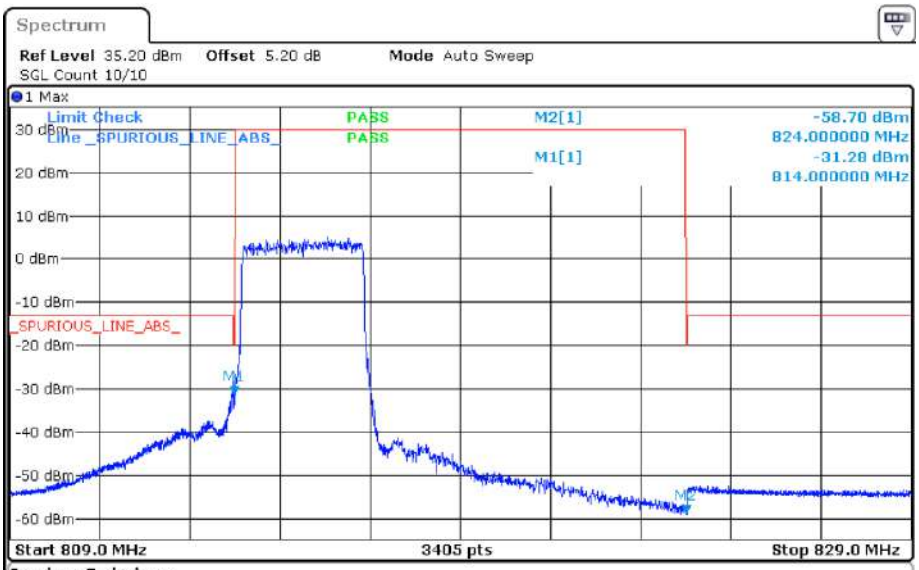


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95506 MHz	-27.00 dBm	-14.00 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99953 MHz	-28.72 dBm	-8.72 dB
814.000 MHz	824.000 MHz	30.000 kHz	815.67333 MHz	5.57 dBm	-24.43 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.01688 MHz	-56.53 dBm	-36.53 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.09451 MHz	-51.32 dBm	-38.32 dB

Date: 22.SEP.2020 21:41:25

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-28.09 dBm	-15.09 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99972 MHz	-30.17 dBm	-10.17 dB
814.000 MHz	824.000 MHz	30.000 kHz	816.07293 MHz	5.14 dBm	-24.86 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.01035 MHz	-58.06 dBm	-38.06 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.31760 MHz	-52.45 dBm	-39.45 dB

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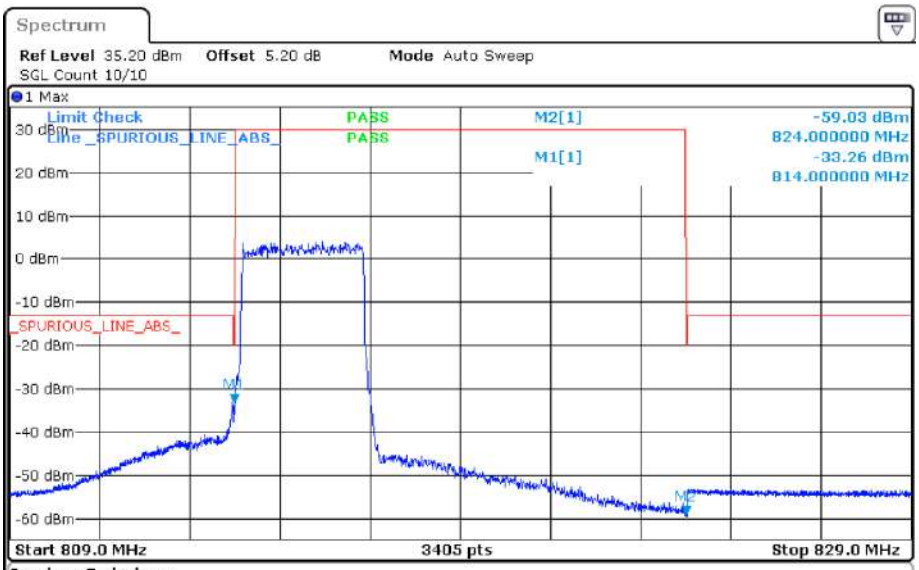
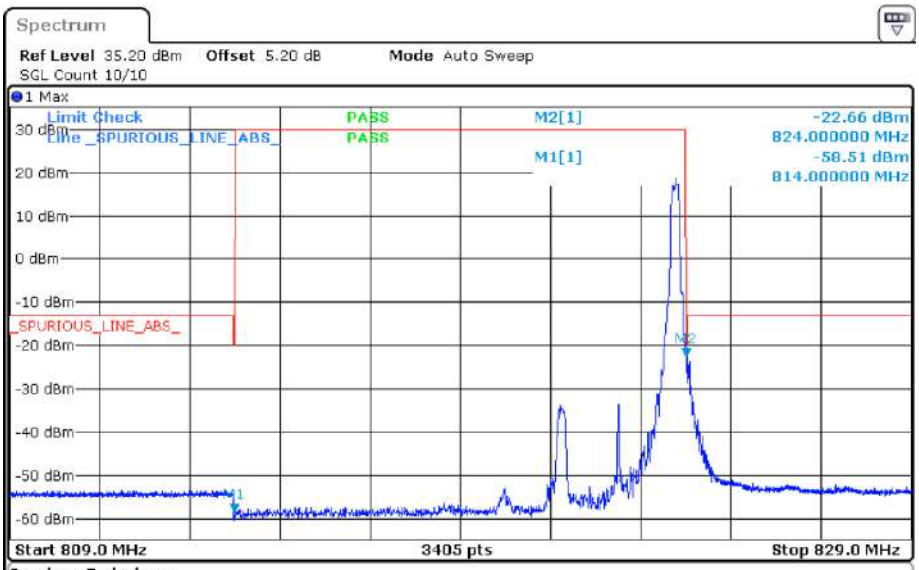


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.94019 MHz	-33.04 dBm	-20.04 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99972 MHz	-32.24 dBm	-12.24 dB
814.000 MHz	824.000 MHz	30.000 kHz	815.94306 MHz	4.01 dBm	-25.99 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.01651 MHz	-58.58 dBm	-38.58 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.18871 MHz	-53.06 dBm	-40.06 dB

Date: 22.SEP.2020 21:42:41

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.01313 MHz	-53.29 dBm	-40.29 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.98629 MHz	-59.27 dBm	-39.27 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.77522 MHz	18.60 dBm	-11.40 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00028 MHz	-21.58 dBm	-1.58 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-20.55 dBm	-7.55 dB

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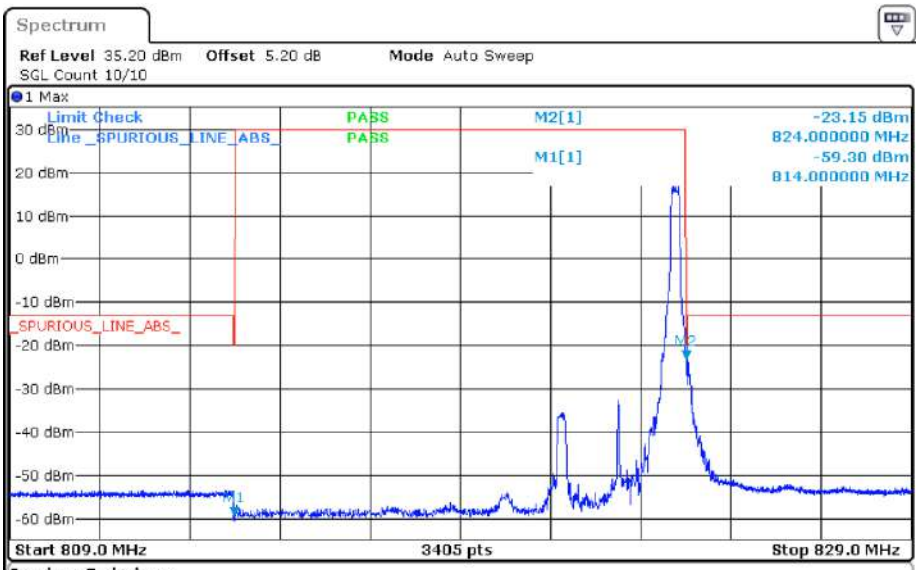
Band26-3MHz-16QAM-26775-1RB#14

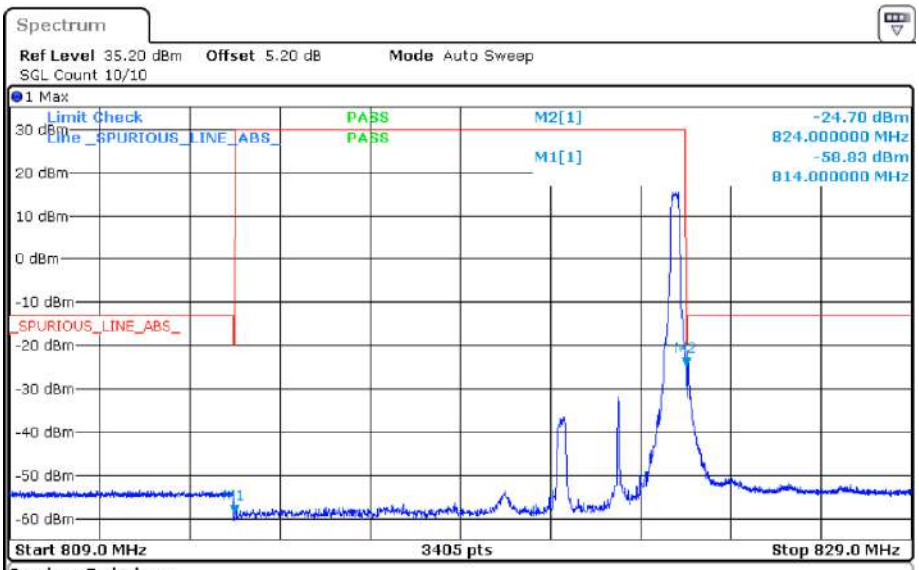


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	811.97205 MHz	-53.32 dBm	-40.32 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.98741 MHz	-59.24 dBm	-39.24 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.83516 MHz	16.86 dBm	-13.14 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00028 MHz	-21.91 dBm	-1.91 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-17.99 dBm	-4.99 dB

Date: 22.SEP.2020 21:40:08

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	811.89273 MHz	-53.50 dBm	-40.50 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.96632 MHz	-59.05 dBm	-39.05 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.83516 MHz	15.53 dBm	-14.47 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00028 MHz	-24.35 dBm	-4.35 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-21.36 dBm	-8.36 dB

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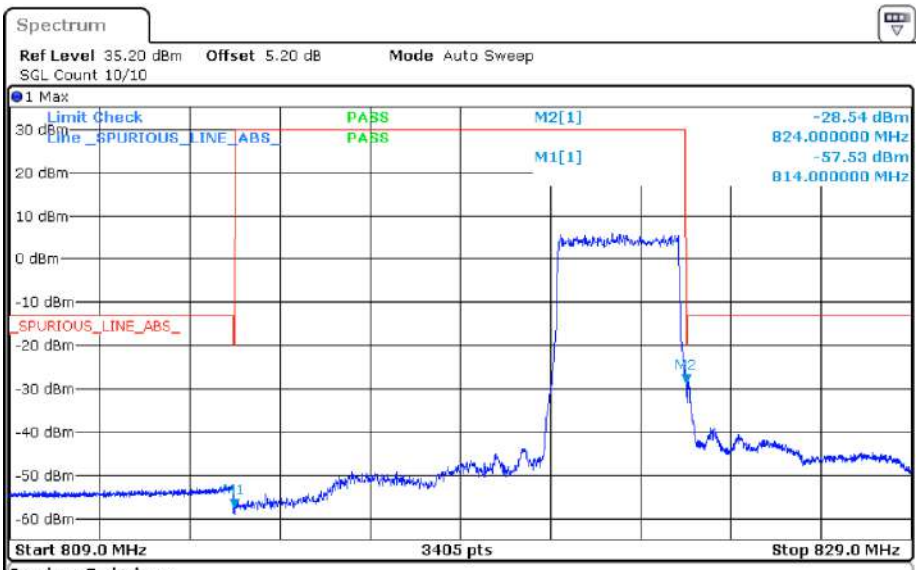
Band26-3MHz-QPSK-26775-15RB#0

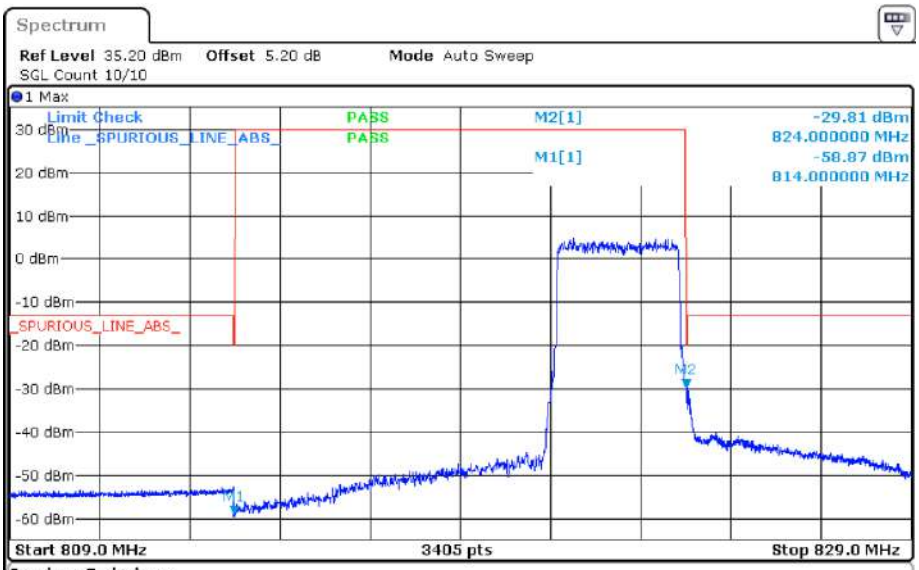


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95011 MHz	-52.03 dBm	-39.03 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.97211 MHz	-57.45 dBm	-37.45 dB
814.000 MHz	824.000 MHz	30.000 kHz	822.35664 MHz	5.83 dBm	-24.17 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00009 MHz	-28.54 dBm	-8.54 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-27.50 dBm	-14.50 dB

Date: 22.SEP.2020 21:43:20

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-52.60 dBm	-39.60 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.98591 MHz	-58.32 dBm	-38.32 dB
814.000 MHz	824.000 MHz	30.000 kHz	821.50749 MHz	4.75 dBm	-25.25 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00009 MHz	-29.81 dBm	-9.81 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04494 MHz	-28.48 dBm	-15.48 dB

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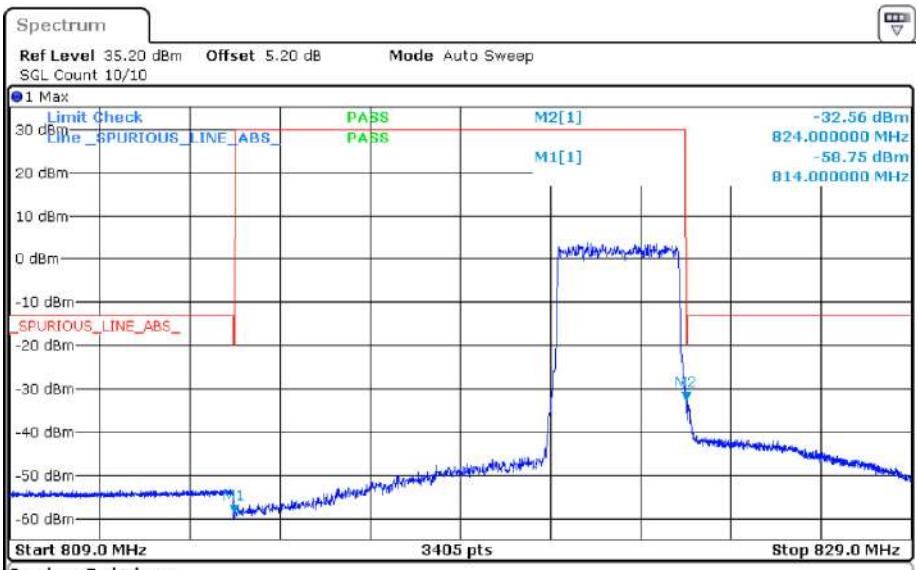
Band26-3MHz-64QAM-26775-15RB#0

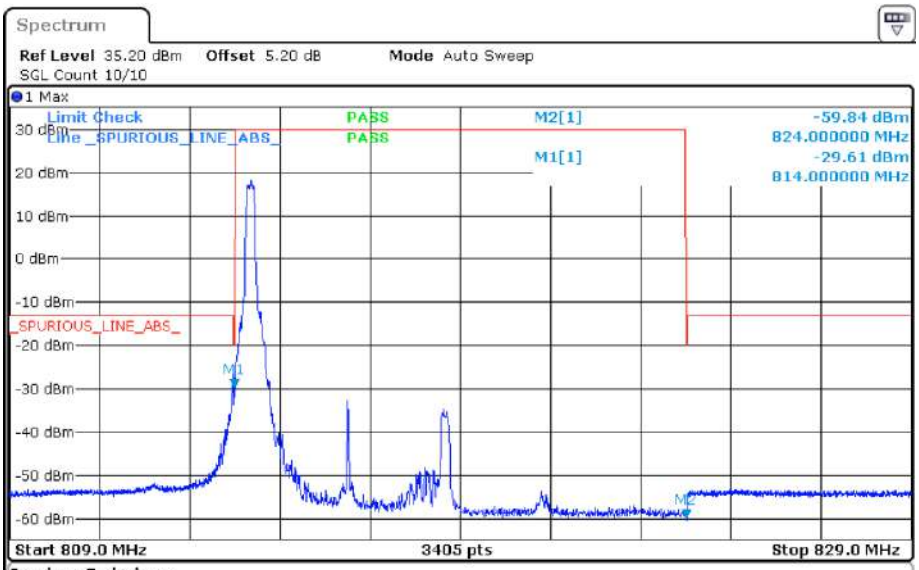


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.89557 MHz	-53.23 dBm	-40.23 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.98200 MHz	-58.89 dBm	-38.89 dB
814.000 MHz	824.000 MHz	30.000 kHz	821.79720 MHz	3.76 dBm	-26.24 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00065 MHz	-31.52 dBm	-11.52 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-31.51 dBm	-18.51 dB

Date: 22.SEP.2020 21:44:36

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-26.29 dBm	-13.29 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99879 MHz	-27.58 dBm	-7.58 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.35465 MHz	18.44 dBm	-11.56 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.01950 MHz	-59.26 dBm	-39.26 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.06619 MHz	-53.06 dBm	-40.06 dB

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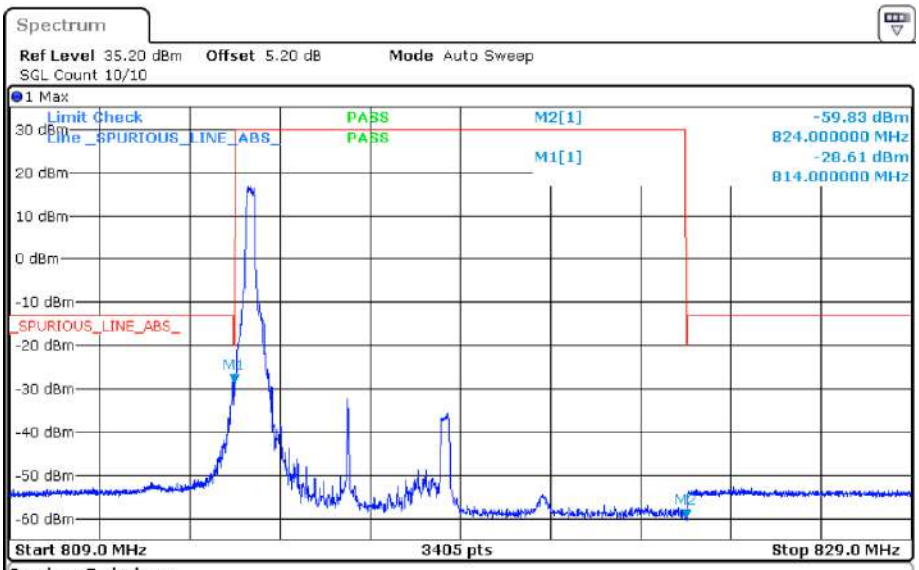
Band26-5MHz-16QAM-26715-1RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.94515 MHz	-28.40 dBm	-15.40 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99972 MHz	-28.16 dBm	-8.16 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.30470 MHz	16.85 dBm	-13.15 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00532 MHz	-59.07 dBm	-39.07 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.06123 MHz	-52.69 dBm	-39.69 dB

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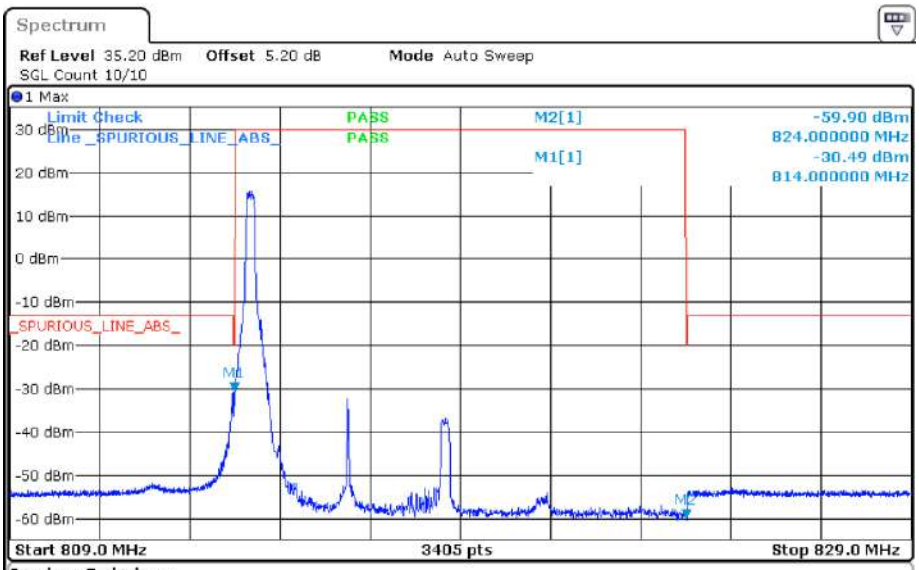
Band26-5MHz-64QAM-26715-1RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-30.87 dBm	-17.87 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99972 MHz	-30.14 dBm	-10.14 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.36464 MHz	15.61 dBm	-14.39 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02136 MHz	-59.34 dBm	-39.34 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.02653 MHz	-53.04 dBm	-40.04 dB

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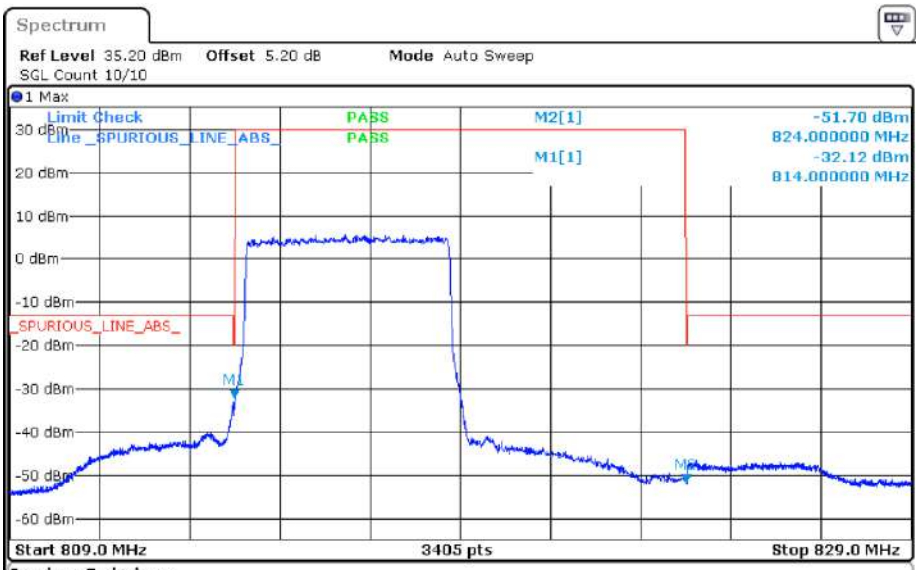
Band26-5MHz-QPSK-26715-25RB#0

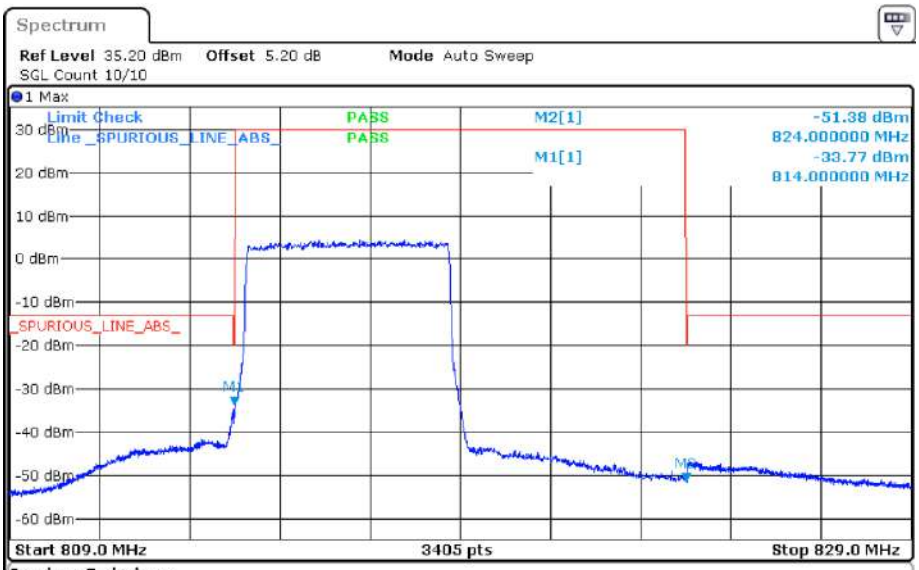


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-33.03 dBm	-20.03 dB
813.962 MHz	814.000 MHz	50.000 kHz	813.99953 MHz	-32.91 dBm	-12.91 dB
814.000 MHz	824.000 MHz	50.000 kHz	816.43257 MHz	5.54 dBm	-24.46 dB
824.000 MHz	824.038 MHz	50.000 kHz	824.03144 MHz	-51.11 dBm	-31.11 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.23828 MHz	-46.71 dBm	-33.71 dB

Date: 22.SEP.2020 21:49:07

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95506 MHz	-34.72 dBm	-21.72 dB
813.962 MHz	814.000 MHz	50.000 kHz	813.99916 MHz	-34.57 dBm	-14.57 dB
814.000 MHz	824.000 MHz	50.000 kHz	816.78222 MHz	4.33 dBm	-25.67 dB
824.000 MHz	824.038 MHz	50.000 kHz	824.02603 MHz	-50.82 dBm	-30.82 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.19862 MHz	-46.80 dBm	-33.80 dB

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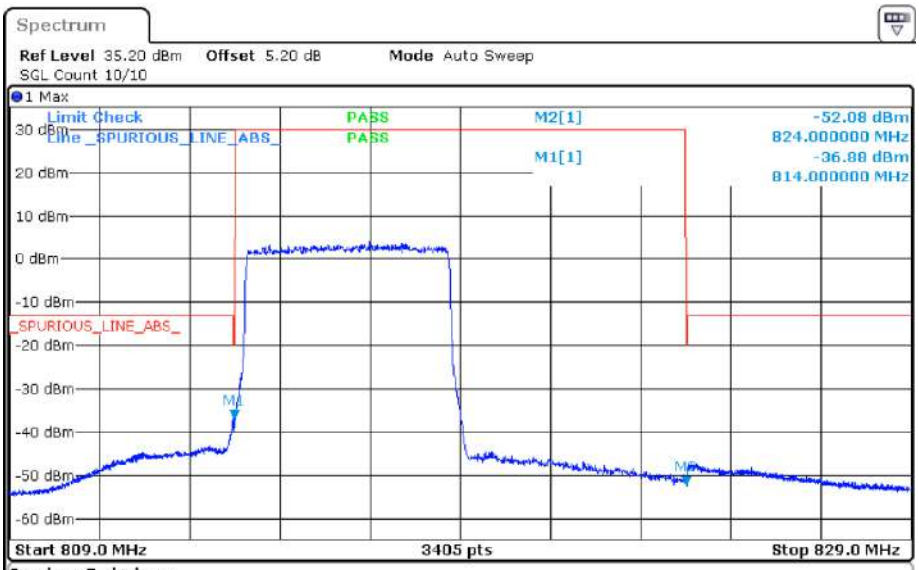
Band26-5MHz-64QAM-26715-25RB#0

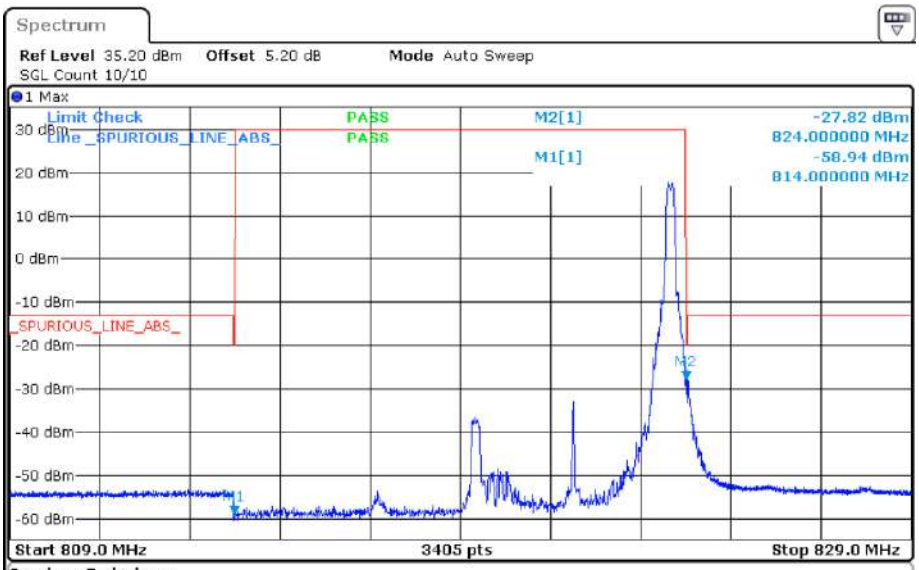


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-36.53 dBm	-23.53 dB
813.962 MHz	814.000 MHz	50.000 kHz	813.99804 MHz	-36.62 dBm	-16.62 dB
814.000 MHz	824.000 MHz	50.000 kHz	816.98202 MHz	4.00 dBm	-26.00 dB
824.000 MHz	824.038 MHz	50.000 kHz	824.02174 MHz	-51.74 dBm	-31.74 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.05485 MHz	-47.22 dBm	-34.22 dB

Date: 22.SEP.2020 21:50:23

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.73197 MHz	-53.12 dBm	-40.12 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.97938 MHz	-59.48 dBm	-39.48 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.59540 MHz	17.83 dBm	-12.17 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00028 MHz	-27.02 dBm	-7.02 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-25.85 dBm	-12.85 dB

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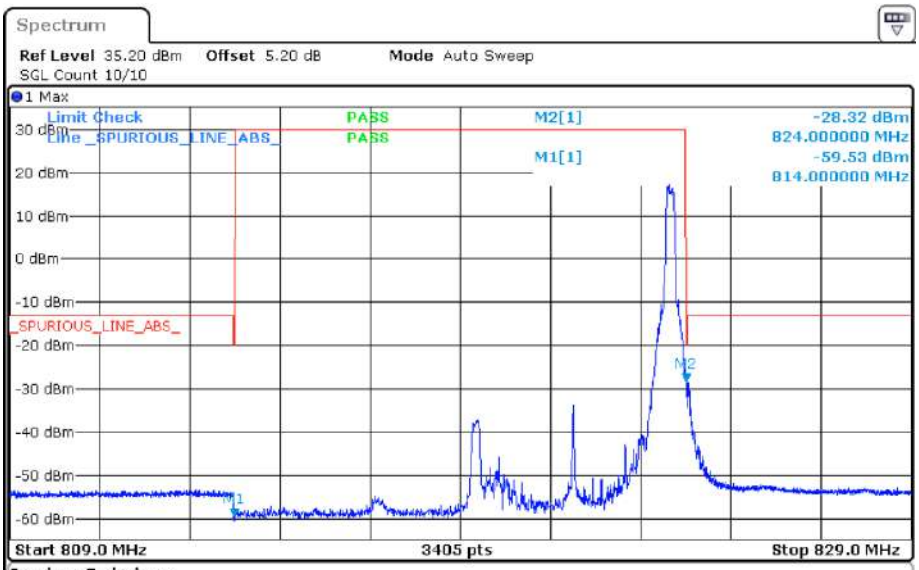
Band26-5MHz-16QAM-26765-1RB#24

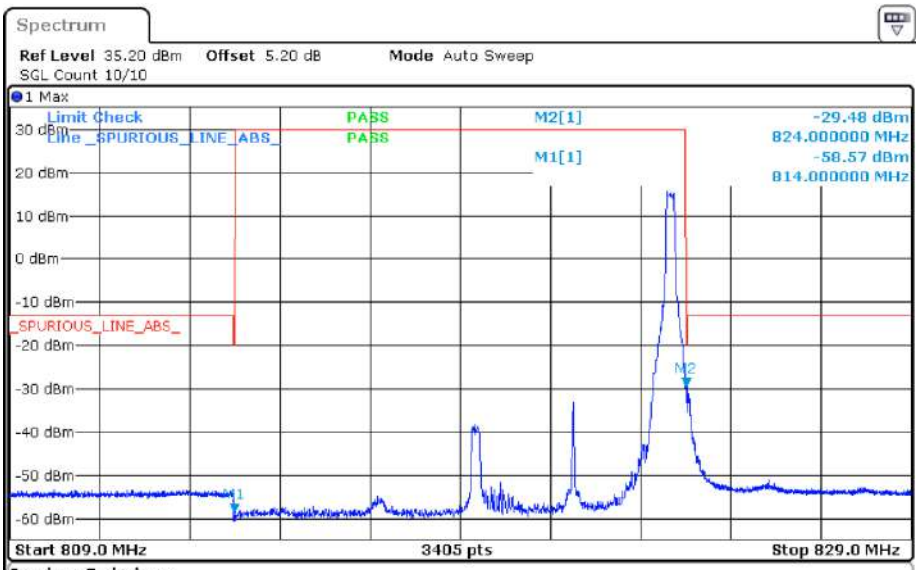


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.12220 MHz	-53.12 dBm	-40.12 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.96558 MHz	-59.46 dBm	-39.46 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.62537 MHz	17.24 dBm	-12.76 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00009 MHz	-28.32 dBm	-8.32 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-28.73 dBm	-15.73 dB

Date: 22.SEP.2020 21:47:50

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	809.98407 MHz	-53.29 dBm	-40.29 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99170 MHz	-59.35 dBm	-39.35 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.58541 MHz	15.75 dBm	-14.25 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00028 MHz	-29.03 dBm	-9.03 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-28.69 dBm	-15.69 dB

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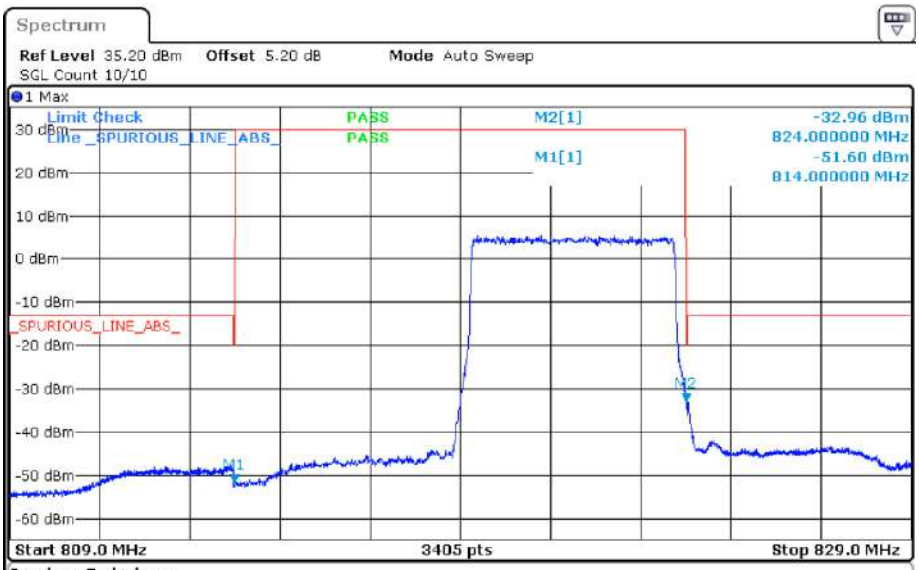
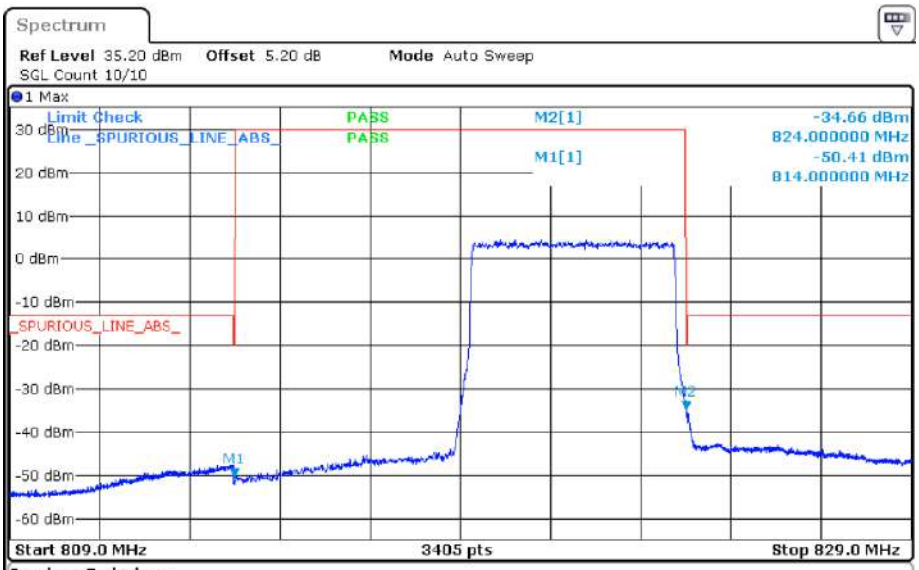


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.82617 MHz	-47.55 dBm	-34.55 dB
813.962 MHz	814.000 MHz	50.000 kHz	813.96521 MHz	-51.84 dBm	-31.84 dB
814.000 MHz	824.000 MHz	50.000 kHz	819.37962 MHz	5.43 dBm	-24.57 dB
824.000 MHz	824.038 MHz	50.000 kHz	824.00103 MHz	-32.92 dBm	-12.92 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-33.12 dBm	-20.12 dB

Date: 22.SEP.2020 21:51:02

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.94515 MHz	-47.52 dBm	-34.52 dB
813.962 MHz	814.000 MHz	50.000 kHz	813.97285 MHz	-51.37 dBm	-31.37 dB
814.000 MHz	824.000 MHz	50.000 kHz	821.77722 MHz	4.42 dBm	-25.58 dB
824.000 MHz	824.038 MHz	50.000 kHz	824.00028 MHz	-34.62 dBm	-14.62 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-35.48 dBm	-22.48 dB

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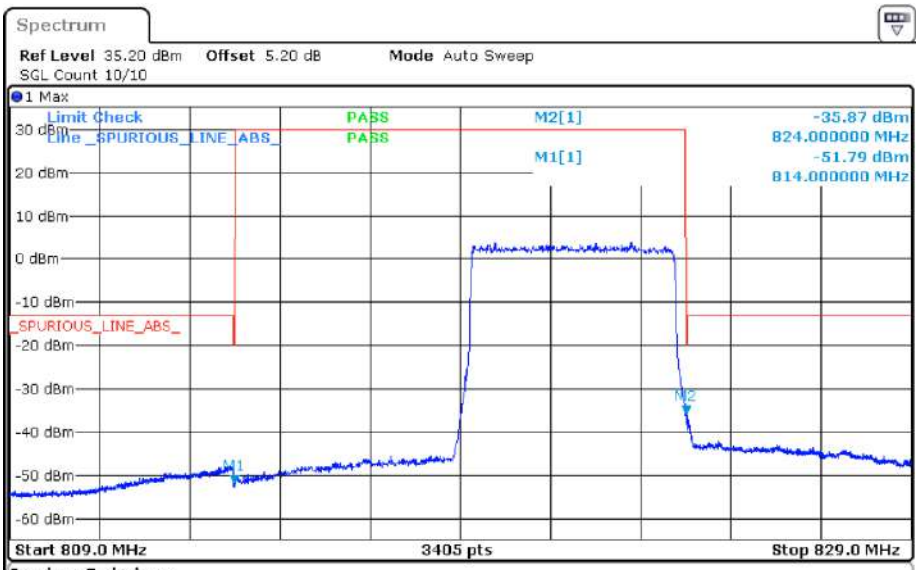
Band26-5MHz-64QAM-26765-25RB#0

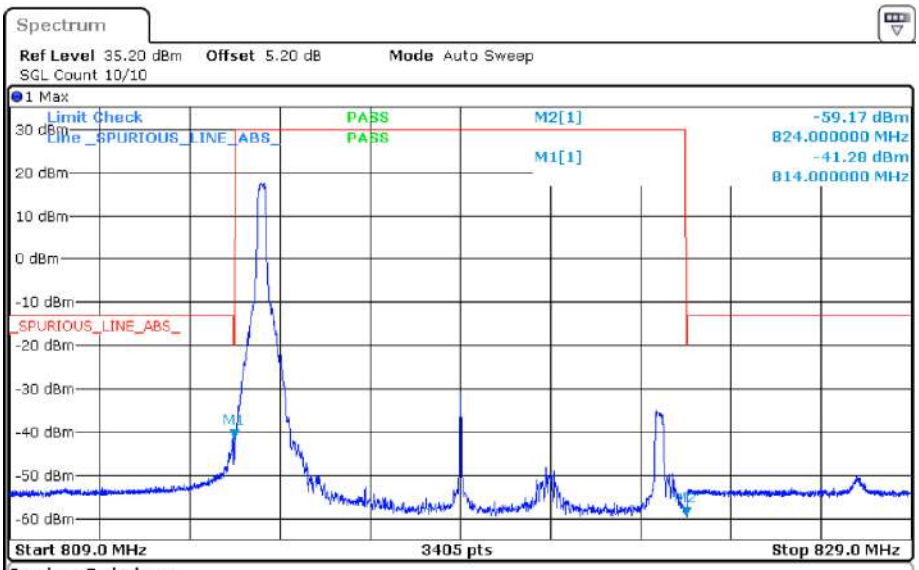


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.92036 MHz	-47.86 dBm	-34.86 dB
813.962 MHz	814.000 MHz	50.000 kHz	813.96632 MHz	-51.92 dBm	-31.92 dB
814.000 MHz	824.000 MHz	50.000 kHz	819.75924 MHz	3.85 dBm	-26.15 dB
824.000 MHz	824.038 MHz	50.000 kHz	824.00028 MHz	-35.82 dBm	-15.82 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-35.96 dBm	-22.96 dB

Date: 22.SEP.2020 21:52:18

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95506 MHz	-41.00 dBm	-28.00 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99860 MHz	-42.41 dBm	-22.41 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.64436 MHz	17.59 dBm	-12.41 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.01446 MHz	-58.54 dBm	-38.54 dB
824.038 MHz	829.000 MHz	100.000 kHz	827.79284 MHz	-50.40 dBm	-37.40 dB

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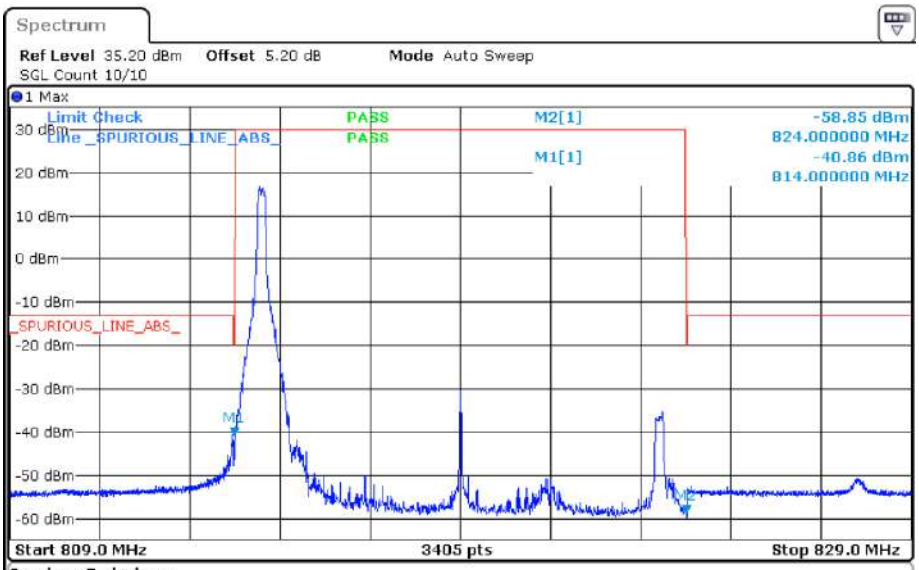
Band26-10MHz-16QAM-26740-1RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.94019 MHz	-40.41 dBm	-27.41 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99804 MHz	-42.22 dBm	-22.22 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.53447 MHz	16.61 dBm	-13.39 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02285 MHz	-58.15 dBm	-38.15 dB
824.038 MHz	829.000 MHz	100.000 kHz	827.83250 MHz	-50.70 dBm	-37.70 dB

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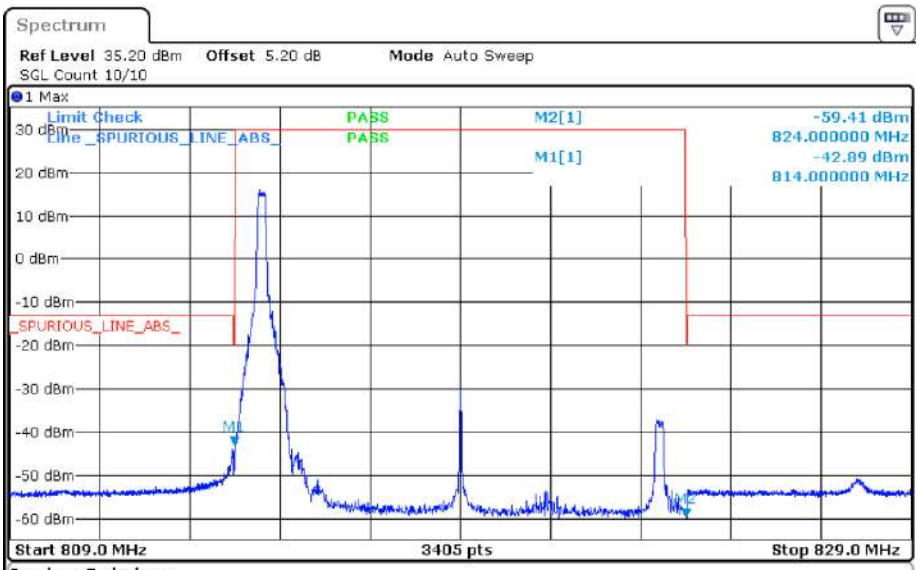
Band26-10MHz-64QAM-26740-1RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95011 MHz	-43.91 dBm	-30.91 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99953 MHz	-44.76 dBm	-24.76 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.54446 MHz	15.81 dBm	-14.19 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00121 MHz	-58.92 dBm	-38.92 dB
824.038 MHz	829.000 MHz	100.000 kHz	827.81763 MHz	-50.72 dBm	-37.72 dB

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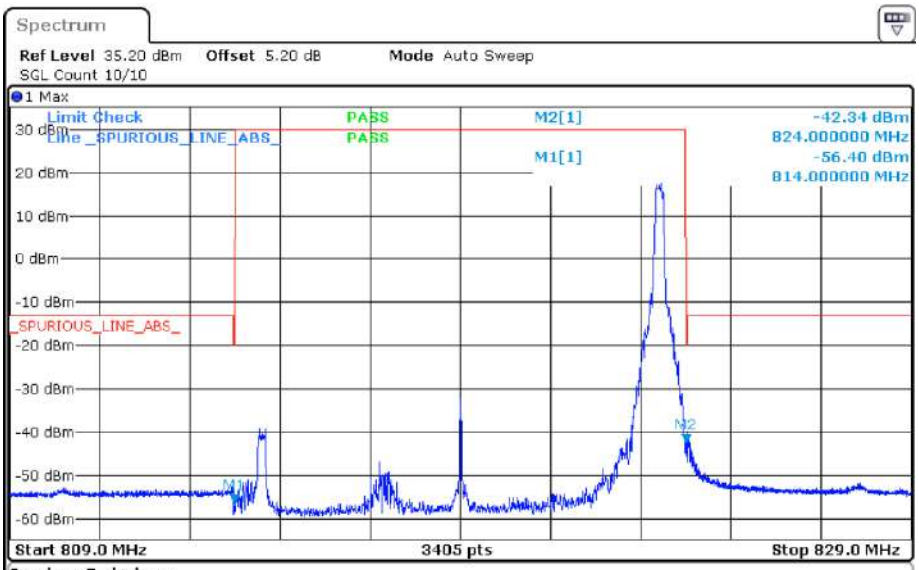
Band26-10MHz-QPSK-26740-1RB#49



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.93523 MHz	-52.54 dBm	-39.54 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99767 MHz	-57.21 dBm	-37.21 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.44555 MHz	17.50 dBm	-12.50 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00289 MHz	-42.04 dBm	-22.04 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-39.80 dBm	-26.80 dB

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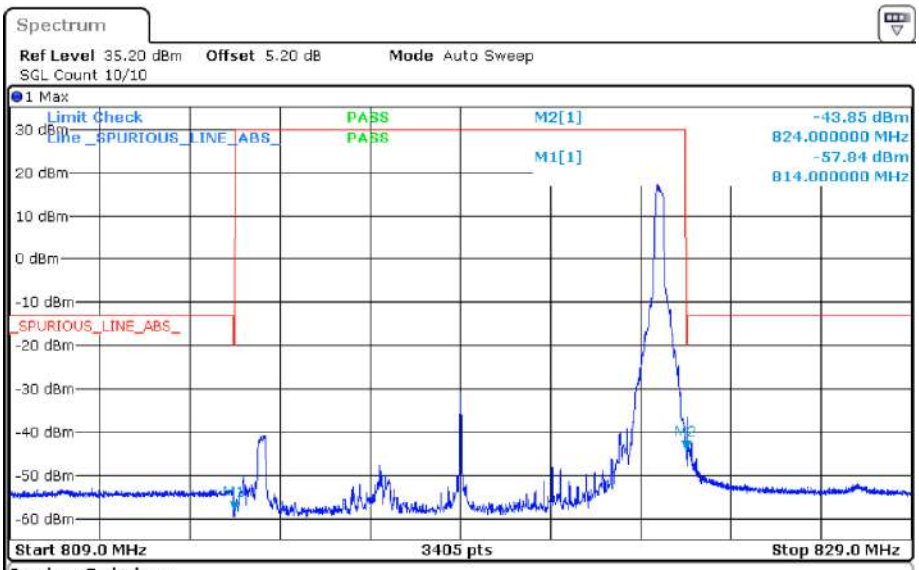
Band26-10MHz-16QAM-26740-1RB#49



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	810.82190 MHz	-52.99 dBm	-39.99 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99394 MHz	-57.65 dBm	-37.65 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.37562 MHz	17.25 dBm	-12.75 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00065 MHz	-42.34 dBm	-22.34 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-36.68 dBm	-23.68 dB

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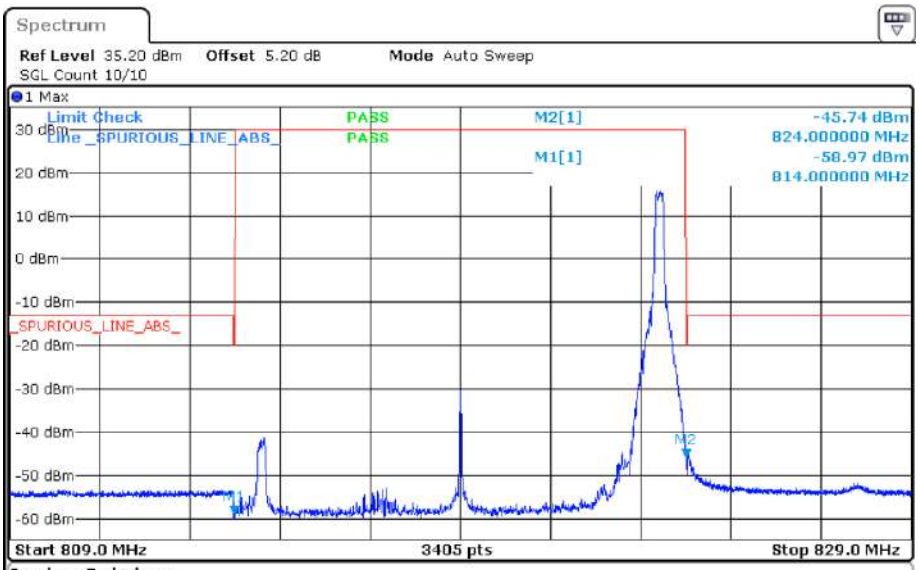
Band26-10MHz-64QAM-26740-1RB#49



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.53367 MHz	-53.35 dBm	-40.35 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.98685 MHz	-58.91 dBm	-38.91 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.42557 MHz	15.69 dBm	-14.31 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00196 MHz	-45.43 dBm	-25.43 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04494 MHz	-44.31 dBm	-31.31 dB

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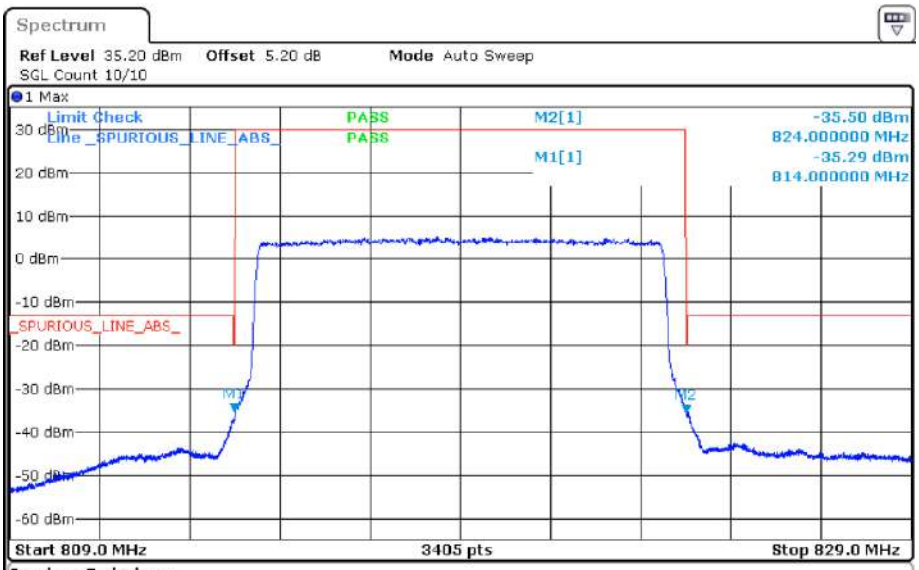
Band26-10MHz-QPSK-26740-50RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.93523 MHz	-37.11 dBm	-24.11 dB
813.962 MHz	814.000 MHz	100.000 kHz	813.99841 MHz	-36.34 dBm	-16.34 dB
814.000 MHz	824.000 MHz	100.000 kHz	818.49051 MHz	5.15 dBm	-24.85 dB
824.000 MHz	824.038 MHz	100.000 kHz	824.00028 MHz	-35.48 dBm	-15.48 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-35.17 dBm	-22.17 dB

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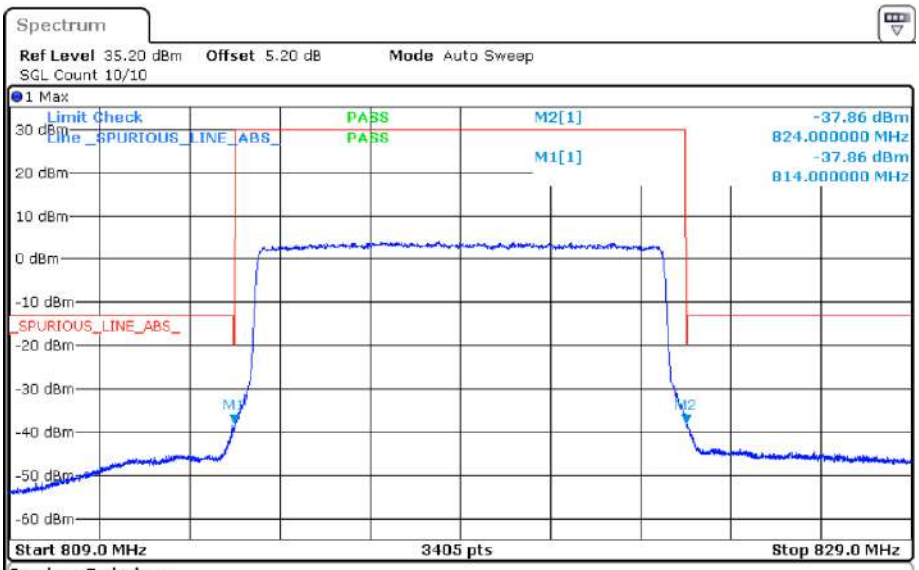
Band26-10MHz-16QAM-26740-50RB#0

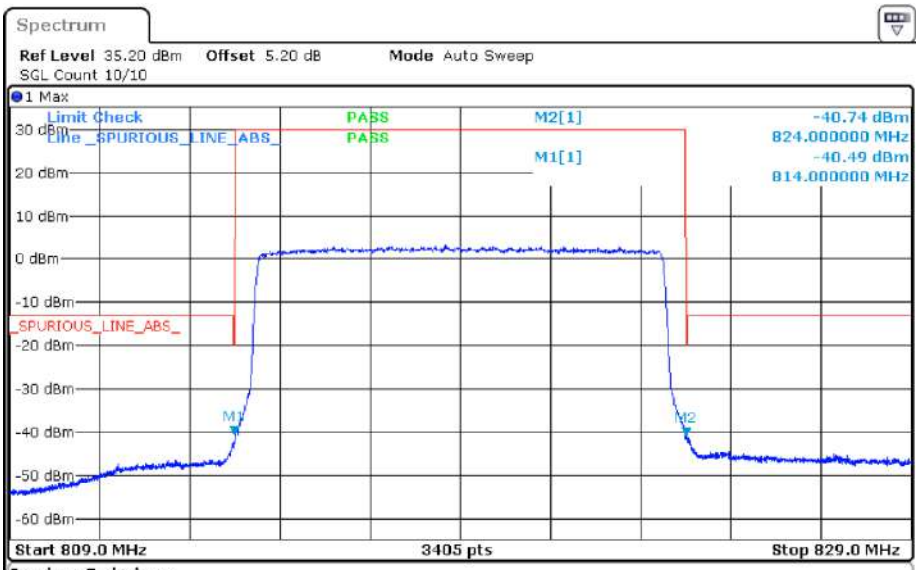


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.94515 MHz	-38.42 dBm	-25.42 dB
813.962 MHz	814.000 MHz	100.000 kHz	813.99841 MHz	-38.42 dBm	-18.42 dB
814.000 MHz	824.000 MHz	100.000 kHz	818.51049 MHz	3.95 dBm	-26.05 dB
824.000 MHz	824.038 MHz	100.000 kHz	824.00177 MHz	-37.70 dBm	-17.70 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04494 MHz	-38.27 dBm	-25.27 dB

Date: 22.SEP.2020 21:57:26

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-42.42 dBm	-29.42 dB
813.962 MHz	814.000 MHz	100.000 kHz	813.99953 MHz	-41.82 dBm	-21.82 dB
814.000 MHz	824.000 MHz	100.000 kHz	818.67033 MHz	3.40 dBm	-26.60 dB
824.000 MHz	824.038 MHz	100.000 kHz	824.00140 MHz	-40.64 dBm	-20.64 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04989 MHz	-41.31 dBm	-28.31 dB

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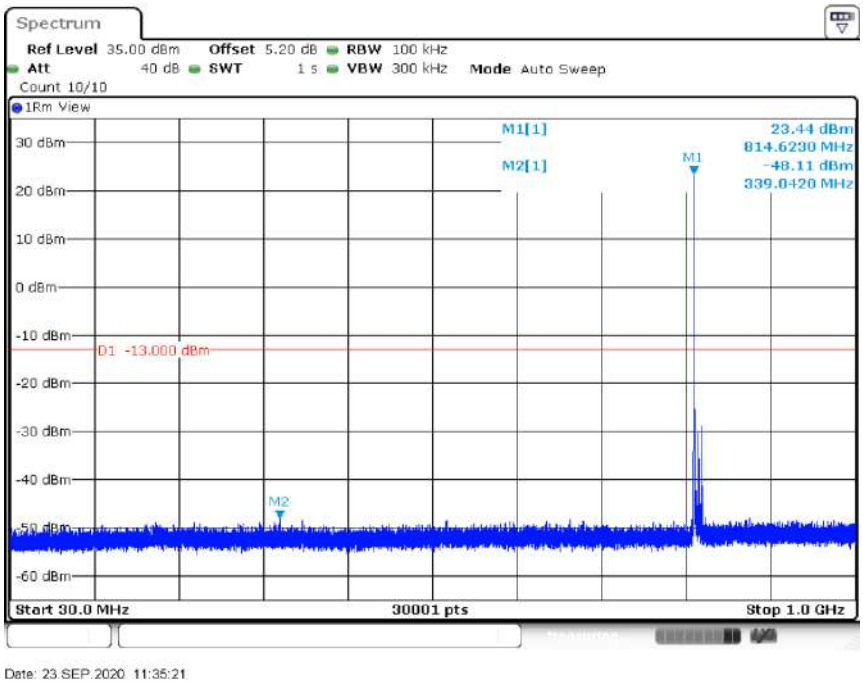
6 Spurious Emission at Antenna Terminal

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 * (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-Range1:30~1000MHz



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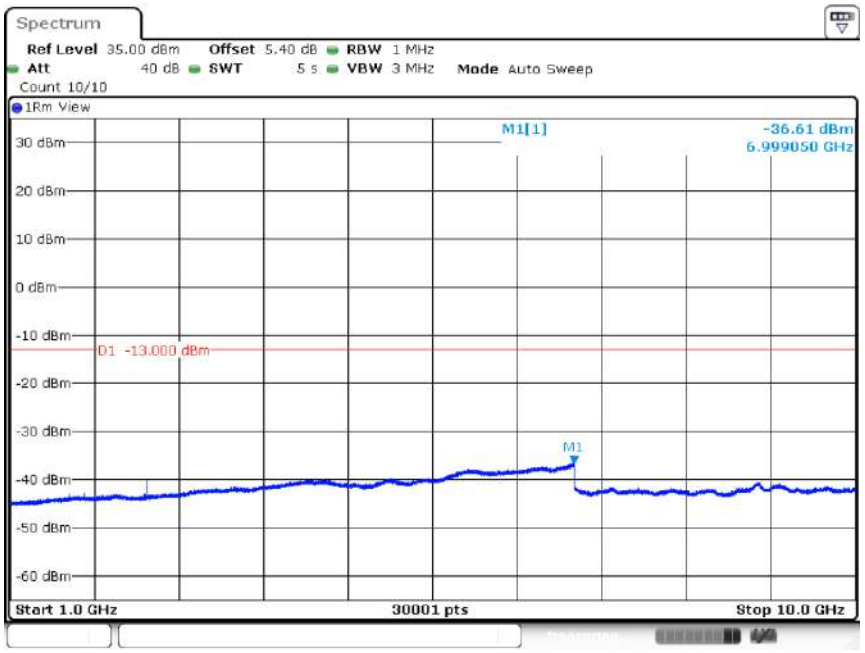
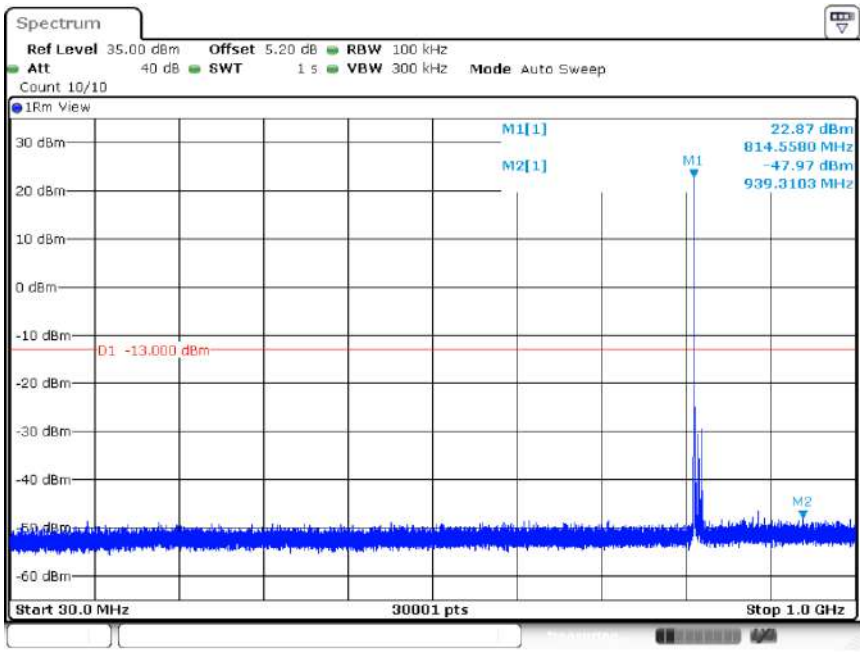
Band26-10MHz-QPSK-26740-1RB#0-Range2:1000~10000MHz



Date: 23.SEP.2020 11:36:29

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



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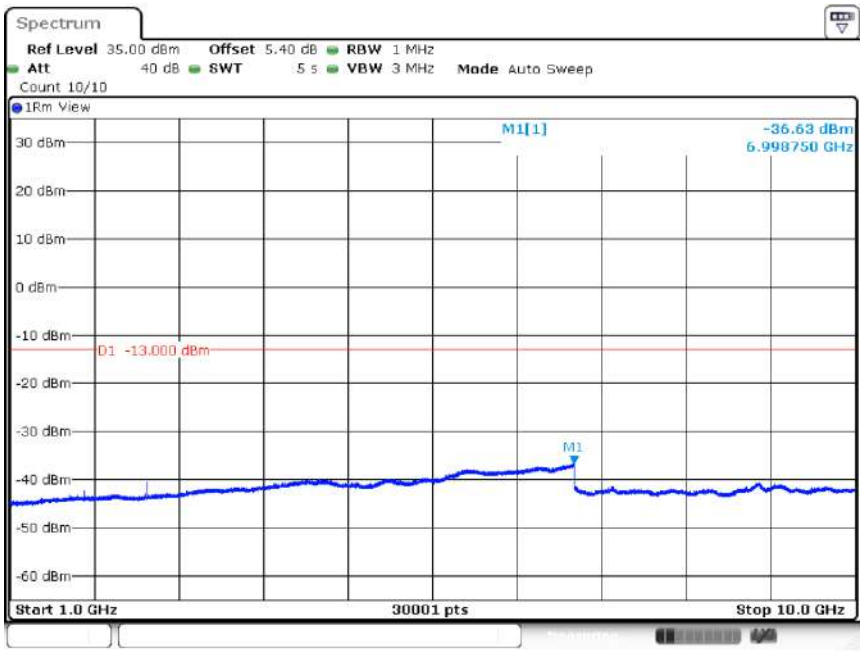
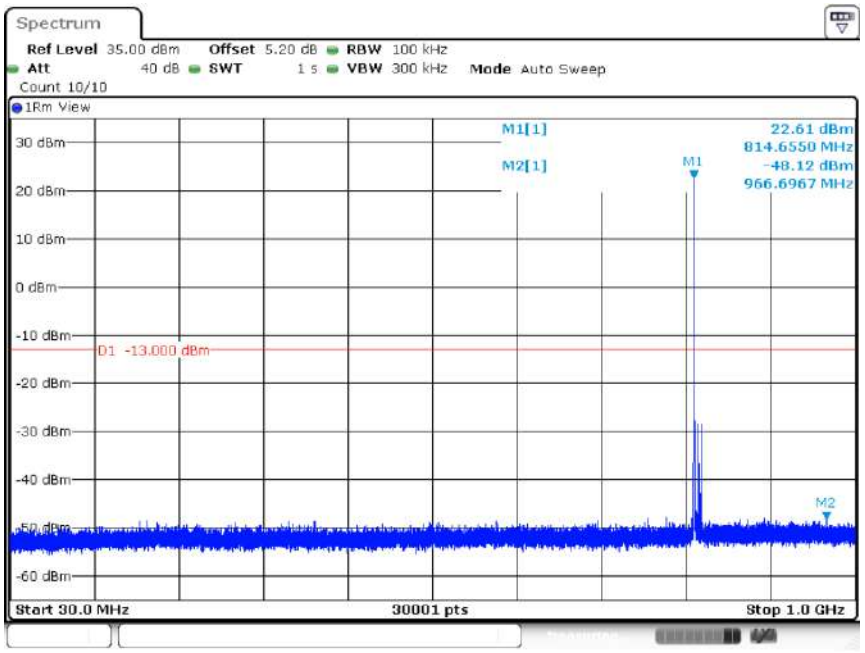
Band26-10MHz-16QAM-26740-1RB#0-Range2:1000~10000MHz



Date: 23.SEP.2020 11:37:59

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



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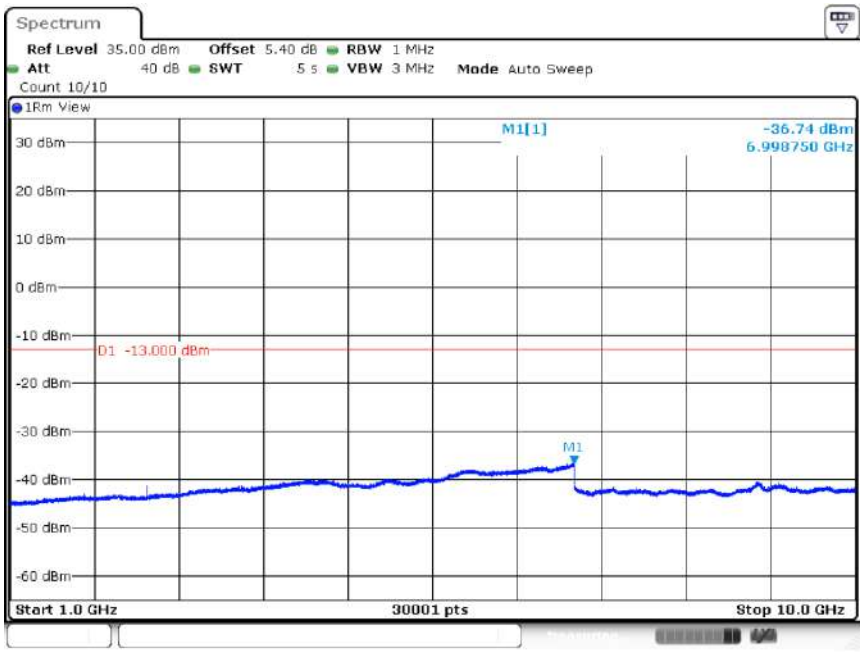

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7 Field Strength of Spurious Radiation

7.1 Test Mode =LTE/TM1 10MHz

7.1.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
48.620000	-73.65	-13.00	60.65	253	265	Vertical
315.133333	-82.38	-13.00	69.38	205	0	Vertical
674.675000	-76.21	-13.00	63.21	253	353	Vertical
1629.000000	-62.44	-13.00	49.44	248	138	Vertical
2444.000000	-57.36	-13.00	44.36	179	66	Vertical
4072.500000	-57.96	-13.00	44.96	215	77	Vertical
56.413333	-73.49	-13.00	60.49	224	320	Horizontal
186.193333	-82.55	-13.00	69.55	203	0	Horizontal
474.658333	-78.12	-13.00	65.12	195	62	Horizontal
1629.000000	-63.81	-13.00	50.81	166	20	Horizontal
2443.500000	-57.64	-13.00	44.64	273	129	Horizontal
4072.500000	-54.87	-13.00	41.87	177	204	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

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	VL	NT	11.10	0.013553	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	8.10	0.009890	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	6.80	0.008303	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VL	NT	18.30	0.022344	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VN	NT	9.60	0.011722	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VH	NT	5.00	0.006105	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VL	NT	17.10	0.020879	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VN	NT	21.00	0.025641	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VH	NT	32.10	0.039194	±2.5	PASS

8.2 Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	NV	-30	13.20	0.016117	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	17.00	0.020757	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-10	15.30	0.018681	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	0	8.80	0.010745	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	14.60	0.017827	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	12.20	0.014896	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	13.20	0.016117	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	11.10	0.013553	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	11.80	0.014408	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-30	8.00	0.009768	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-20	11.40	0.013919	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-10	13.90	0.016972	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	0	16.00	0.019536	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	10	16.70	0.020391	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	20	12.40	0.015140	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	30	5.40	0.006593	±2.5	PASS

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Band26	10MHz	16QAM	26740	50RB#0	NV	40	9.80	0.011966	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	50	10.20	0.012454	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-30	32.80	0.040049	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-20	33.30	0.040659	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-10	24.30	0.029670	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	0	16.20	0.019780	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	10	20.10	0.024542	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	20	29.90	0.036508	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	30	25.40	0.031013	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	40	40.70	0.049695	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	50	21.60	0.026374	±2.5	PASS

The End

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