



Appendix B

E-UTRA BAND 26 (814MHz-824MHz)



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1. Effective (Isotropic) Radiated Power

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
BAND26	1.4MHz	QPSK	26697	1RB#0	23.56	24.41	50.00	PASS
BAND26	1.4MHz	QPSK	26697	1RB#2	23.51	24.36	50.00	PASS
BAND26	1.4MHz	QPSK	26697	1RB#5	23.59	24.44	50.00	PASS
BAND26	1.4MHz	QPSK	26697	3RB#0	23.52	24.37	50.00	PASS
BAND26	1.4MHz	QPSK	26697	3RB#1	23.50	24.35	50.00	PASS
BAND26	1.4MHz	QPSK	26697	3RB#3	23.58	24.43	50.00	PASS
BAND26	1.4MHz	QPSK	26697	6RB#0	22.56	23.41	50.00	PASS
BAND26	1.4MHz	QPSK	26740	1RB#0	23.65	24.50	50.00	PASS
BAND26	1.4MHz	QPSK	26740	1RB#2	23.65	24.50	50.00	PASS
BAND26	1.4MHz	QPSK	26740	1RB#5	23.60	24.45	50.00	PASS
BAND26	1.4MHz	QPSK	26740	3RB#0	23.63	24.48	50.00	PASS
BAND26	1.4MHz	QPSK	26740	3RB#1	23.62	24.47	50.00	PASS
BAND26	1.4MHz	QPSK	26740	3RB#3	23.56	24.41	50.00	PASS
BAND26	1.4MHz	QPSK	26740	6RB#0	22.55	23.40	50.00	PASS
BAND26	1.4MHz	QPSK	26783	1RB#0	23.59	24.44	50.00	PASS
BAND26	1.4MHz	QPSK	26783	1RB#2	23.56	24.41	50.00	PASS
BAND26	1.4MHz	QPSK	26783	1RB#5	23.57	24.42	50.00	PASS
BAND26	1.4MHz	QPSK	26783	3RB#0	23.55	24.40	50.00	PASS
BAND26	1.4MHz	QPSK	26783	3RB#1	23.53	24.38	50.00	PASS
BAND26	1.4MHz	QPSK	26783	3RB#3	23.53	24.38	50.00	PASS
BAND26	1.4MHz	QPSK	26783	6RB#0	22.53	23.38	50.00	PASS
BAND26	1.4MHz	16QAM	26697	1RB#0	22.65	23.50	50.00	PASS
BAND26	1.4MHz	16QAM	26697	1RB#2	22.58	23.43	50.00	PASS
BAND26	1.4MHz	16QAM	26697	1RB#5	22.73	23.58	50.00	PASS
BAND26	1.4MHz	16QAM	26697	3RB#0	22.54	23.39	50.00	PASS
BAND26	1.4MHz	16QAM	26697	3RB#1	22.58	23.43	50.00	PASS
BAND26	1.4MHz	16QAM	26697	3RB#3	22.64	23.49	50.00	PASS
BAND26	1.4MHz	16QAM	26697	6RB#0	21.55	22.40	50.00	PASS
BAND26	1.4MHz	16QAM	26740	1RB#0	22.79	23.64	50.00	PASS
BAND26	1.4MHz	16QAM	26740	1RB#2	22.81	23.66	50.00	PASS
BAND26	1.4MHz	16QAM	26740	1RB#5	22.75	23.60	50.00	PASS
BAND26	1.4MHz	16QAM	26740	3RB#0	22.68	23.53	50.00	PASS
BAND26	1.4MHz	16QAM	26740	3RB#1	22.68	23.53	50.00	PASS
BAND26	1.4MHz	16QAM	26740	3RB#3	22.62	23.47	50.00	PASS



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BAND26	1.4MHz	16QAM	26740	6RB#0	21.55	22.40	50.00	PASS
BAND26	1.4MHz	16QAM	26783	1RB#0	22.56	23.41	50.00	PASS
BAND26	1.4MHz	16QAM	26783	1RB#2	22.75	23.60	50.00	PASS
BAND26	1.4MHz	16QAM	26783	1RB#5	22.58	23.43	50.00	PASS
BAND26	1.4MHz	16QAM	26783	3RB#0	22.60	23.45	50.00	PASS
BAND26	1.4MHz	16QAM	26783	3RB#1	22.55	23.40	50.00	PASS
BAND26	1.4MHz	16QAM	26783	3RB#3	22.60	23.45	50.00	PASS
BAND26	1.4MHz	16QAM	26783	6RB#0	21.53	22.38	50.00	PASS
BAND26	1.4MHz	64QAM	26697	1RB#0	21.72	22.57	50.00	PASS
BAND26	1.4MHz	64QAM	26697	1RB#2	21.57	22.42	50.00	PASS
BAND26	1.4MHz	64QAM	26697	1RB#5	21.77	22.62	50.00	PASS
BAND26	1.4MHz	64QAM	26697	3RB#0	21.74	22.59	50.00	PASS
BAND26	1.4MHz	64QAM	26697	3RB#1	21.73	22.58	50.00	PASS
BAND26	1.4MHz	64QAM	26697	3RB#3	21.62	22.47	50.00	PASS
BAND26	1.4MHz	64QAM	26697	6RB#0	20.69	21.54	50.00	PASS
BAND26	1.4MHz	64QAM	26740	1RB#0	21.98	22.83	50.00	PASS
BAND26	1.4MHz	64QAM	26740	1RB#2	21.81	22.66	50.00	PASS
BAND26	1.4MHz	64QAM	26740	1RB#5	21.73	22.58	50.00	PASS
BAND26	1.4MHz	64QAM	26740	3RB#0	21.75	22.60	50.00	PASS
BAND26	1.4MHz	64QAM	26740	3RB#1	21.77	22.62	50.00	PASS
BAND26	1.4MHz	64QAM	26740	3RB#3	21.70	22.55	50.00	PASS
BAND26	1.4MHz	64QAM	26740	6RB#0	20.50	21.35	50.00	PASS
BAND26	1.4MHz	64QAM	26783	1RB#0	21.66	22.51	50.00	PASS
BAND26	1.4MHz	64QAM	26783	1RB#2	21.71	22.56	50.00	PASS
BAND26	1.4MHz	64QAM	26783	1RB#5	21.74	22.59	50.00	PASS
BAND26	1.4MHz	64QAM	26783	3RB#0	21.66	22.51	50.00	PASS
BAND26	1.4MHz	64QAM	26783	3RB#1	21.52	22.37	50.00	PASS
BAND26	1.4MHz	64QAM	26783	3RB#3	21.69	22.54	50.00	PASS
BAND26	1.4MHz	64QAM	26783	6RB#0	20.53	21.38	50.00	PASS
BAND26	3MHz	QPSK	26705	1RB#0	23.49	24.34	50.00	PASS
BAND26	3MHz	QPSK	26705	1RB#8	23.58	24.43	50.00	PASS
BAND26	3MHz	QPSK	26705	1RB#14	23.62	24.47	50.00	PASS
BAND26	3MHz	QPSK	26705	8RB#0	22.56	23.41	50.00	PASS
BAND26	3MHz	QPSK	26705	8RB#4	22.55	23.40	50.00	PASS
BAND26	3MHz	QPSK	26705	8RB#7	22.64	23.49	50.00	PASS
BAND26	3MHz	QPSK	26705	15RB#0	22.54	23.39	50.00	PASS
BAND26	3MHz	QPSK	26740	1RB#0	23.58	24.43	50.00	PASS
BAND26	3MHz	QPSK	26740	1RB#8	23.55	24.40	50.00	PASS
BAND26	3MHz	QPSK	26740	1RB#14	23.50	24.35	50.00	PASS
BAND26	3MHz	QPSK	26740	8RB#0	22.62	23.47	50.00	PASS
BAND26	3MHz	QPSK	26740	8RB#4	22.52	23.37	50.00	PASS

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BAND26	3MHz	QPSK	26740	8RB#7	22.54	23.39	50.00	PASS
BAND26	3MHz	QPSK	26740	15RB#0	22.51	23.36	50.00	PASS
BAND26	3MHz	QPSK	26775	1RB#0	23.51	24.36	50.00	PASS
BAND26	3MHz	QPSK	26775	1RB#8	23.56	24.41	50.00	PASS
BAND26	3MHz	QPSK	26775	1RB#14	23.50	24.35	50.00	PASS
BAND26	3MHz	QPSK	26775	8RB#0	22.49	23.34	50.00	PASS
BAND26	3MHz	QPSK	26775	8RB#4	22.53	23.38	50.00	PASS
BAND26	3MHz	QPSK	26775	8RB#7	22.53	23.38	50.00	PASS
BAND26	3MHz	QPSK	26775	15RB#0	22.53	23.38	50.00	PASS
BAND26	3MHz	16QAM	26705	1RB#0	22.64	23.49	50.00	PASS
BAND26	3MHz	16QAM	26705	1RB#8	22.70	23.55	50.00	PASS
BAND26	3MHz	16QAM	26705	1RB#14	22.73	23.58	50.00	PASS
BAND26	3MHz	16QAM	26705	8RB#0	21.56	22.41	50.00	PASS
BAND26	3MHz	16QAM	26705	8RB#4	21.57	22.42	50.00	PASS
BAND26	3MHz	16QAM	26705	8RB#7	21.66	22.51	50.00	PASS
BAND26	3MHz	16QAM	26705	15RB#0	21.53	22.38	50.00	PASS
BAND26	3MHz	16QAM	26740	1RB#0	22.64	23.49	50.00	PASS
BAND26	3MHz	16QAM	26740	1RB#8	22.68	23.53	50.00	PASS
BAND26	3MHz	16QAM	26740	1RB#14	22.51	23.36	50.00	PASS
BAND26	3MHz	16QAM	26740	8RB#0	21.65	22.50	50.00	PASS
BAND26	3MHz	16QAM	26740	8RB#4	21.56	22.41	50.00	PASS
BAND26	3MHz	16QAM	26740	8RB#7	21.55	22.40	50.00	PASS
BAND26	3MHz	16QAM	26740	15RB#0	21.52	22.37	50.00	PASS
BAND26	3MHz	16QAM	26775	1RB#0	22.59	23.44	50.00	PASS
BAND26	3MHz	16QAM	26775	1RB#8	22.70	23.55	50.00	PASS
BAND26	3MHz	16QAM	26775	1RB#14	22.55	23.40	50.00	PASS
BAND26	3MHz	16QAM	26775	8RB#0	21.47	22.32	50.00	PASS
BAND26	3MHz	16QAM	26775	8RB#4	21.53	22.38	50.00	PASS
BAND26	3MHz	16QAM	26775	8RB#7	21.55	22.40	50.00	PASS
BAND26	3MHz	16QAM	26775	15RB#0	21.50	22.35	50.00	PASS
BAND26	3MHz	64QAM	26705	1RB#0	21.77	22.62	50.00	PASS
BAND26	3MHz	64QAM	26705	1RB#8	21.79	22.64	50.00	PASS
BAND26	3MHz	64QAM	26705	1RB#14	21.81	22.66	50.00	PASS
BAND26	3MHz	64QAM	26705	8RB#0	20.54	21.39	50.00	PASS
BAND26	3MHz	64QAM	26705	8RB#4	20.58	21.43	50.00	PASS
BAND26	3MHz	64QAM	26705	8RB#7	20.84	21.69	50.00	PASS
BAND26	3MHz	64QAM	26705	15RB#0	20.69	21.54	50.00	PASS
BAND26	3MHz	64QAM	26740	1RB#0	21.83	22.68	50.00	PASS
BAND26	3MHz	64QAM	26740	1RB#8	21.85	22.70	50.00	PASS
BAND26	3MHz	64QAM	26740	1RB#14	21.52	22.37	50.00	PASS
BAND26	3MHz	64QAM	26740	8RB#0	20.75	21.60	50.00	PASS

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BAND26	3MHz	64QAM	26740	8RB#4	20.74	21.59	50.00	PASS
BAND26	3MHz	64QAM	26740	8RB#7	20.70	21.55	50.00	PASS
BAND26	3MHz	64QAM	26740	15RB#0	20.68	21.53	50.00	PASS
BAND26	3MHz	64QAM	26775	1RB#0	21.76	22.61	50.00	PASS
BAND26	3MHz	64QAM	26775	1RB#8	21.72	22.57	50.00	PASS
BAND26	3MHz	64QAM	26775	1RB#14	21.57	22.42	50.00	PASS
BAND26	3MHz	64QAM	26775	8RB#0	20.65	21.50	50.00	PASS
BAND26	3MHz	64QAM	26775	8RB#4	20.60	21.45	50.00	PASS
BAND26	3MHz	64QAM	26775	8RB#7	20.69	21.54	50.00	PASS
BAND26	3MHz	64QAM	26775	15RB#0	20.48	21.33	50.00	PASS
BAND26	5MHz	QPSK	26715	1RB#0	23.53	24.38	50.00	PASS
BAND26	5MHz	QPSK	26715	1RB#12	23.65	24.50	50.00	PASS
BAND26	5MHz	QPSK	26715	1RB#24	23.63	24.48	50.00	PASS
BAND26	5MHz	QPSK	26715	12RB#0	22.65	23.50	50.00	PASS
BAND26	5MHz	QPSK	26715	12RB#6	22.70	23.55	50.00	PASS
BAND26	5MHz	QPSK	26715	12RB#13	22.68	23.53	50.00	PASS
BAND26	5MHz	QPSK	26715	25RB#0	22.68	23.53	50.00	PASS
BAND26	5MHz	QPSK	26740	1RB#0	23.63	24.48	50.00	PASS
BAND26	5MHz	QPSK	26740	1RB#12	23.56	24.41	50.00	PASS
BAND26	5MHz	QPSK	26740	1RB#24	23.53	24.38	50.00	PASS
BAND26	5MHz	QPSK	26740	12RB#0	22.70	23.55	50.00	PASS
BAND26	5MHz	QPSK	26740	12RB#6	22.68	23.53	50.00	PASS
BAND26	5MHz	QPSK	26740	12RB#13	22.59	23.44	50.00	PASS
BAND26	5MHz	QPSK	26740	25RB#0	22.59	23.44	50.00	PASS
BAND26	5MHz	QPSK	26765	1RB#0	23.54	24.39	50.00	PASS
BAND26	5MHz	QPSK	26765	1RB#12	23.53	24.38	50.00	PASS
BAND26	5MHz	QPSK	26765	1RB#24	23.53	24.38	50.00	PASS
BAND26	5MHz	QPSK	26765	12RB#0	22.60	23.45	50.00	PASS
BAND26	5MHz	QPSK	26765	12RB#6	22.56	23.41	50.00	PASS
BAND26	5MHz	QPSK	26765	12RB#13	22.60	23.45	50.00	PASS
BAND26	5MHz	QPSK	26765	25RB#0	22.52	23.37	50.00	PASS
BAND26	5MHz	16QAM	26715	1RB#0	22.59	23.44	50.00	PASS
BAND26	5MHz	16QAM	26715	1RB#12	22.71	23.56	50.00	PASS
BAND26	5MHz	16QAM	26715	1RB#24	22.77	23.62	50.00	PASS
BAND26	5MHz	16QAM	26715	12RB#0	21.70	22.55	50.00	PASS
BAND26	5MHz	16QAM	26715	12RB#6	21.80	22.65	50.00	PASS
BAND26	5MHz	16QAM	26715	12RB#13	21.78	22.63	50.00	PASS
BAND26	5MHz	16QAM	26715	25RB#0	21.75	22.60	50.00	PASS
BAND26	5MHz	16QAM	26740	1RB#0	22.81	23.66	50.00	PASS
BAND26	5MHz	16QAM	26740	1RB#12	22.64	23.49	50.00	PASS
BAND26	5MHz	16QAM	26740	1RB#24	22.71	23.56	50.00	PASS

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BAND26	5MHz	16QAM	26740	12RB#0	21.78	22.63	50.00	PASS
BAND26	5MHz	16QAM	26740	12RB#6	21.76	22.61	50.00	PASS
BAND26	5MHz	16QAM	26740	12RB#13	21.63	22.48	50.00	PASS
BAND26	5MHz	16QAM	26740	25RB#0	21.63	22.48	50.00	PASS
BAND26	5MHz	16QAM	26765	1RB#0	22.68	23.53	50.00	PASS
BAND26	5MHz	16QAM	26765	1RB#12	22.59	23.44	50.00	PASS
BAND26	5MHz	16QAM	26765	1RB#24	22.61	23.46	50.00	PASS
BAND26	5MHz	16QAM	26765	12RB#0	21.66	22.51	50.00	PASS
BAND26	5MHz	16QAM	26765	12RB#6	21.60	22.45	50.00	PASS
BAND26	5MHz	16QAM	26765	12RB#13	21.63	22.48	50.00	PASS
BAND26	5MHz	16QAM	26765	25RB#0	21.58	22.43	50.00	PASS
BAND26	5MHz	64QAM	26715	1RB#0	21.63	22.48	50.00	PASS
BAND26	5MHz	64QAM	26715	1RB#12	21.70	22.55	50.00	PASS
BAND26	5MHz	64QAM	26715	1RB#24	21.77	22.62	50.00	PASS
BAND26	5MHz	64QAM	26715	12RB#0	20.65	21.50	50.00	PASS
BAND26	5MHz	64QAM	26715	12RB#6	20.99	21.84	50.00	PASS
BAND26	5MHz	64QAM	26715	12RB#13	20.92	21.77	50.00	PASS
BAND26	5MHz	64QAM	26715	25RB#0	20.85	21.70	50.00	PASS
BAND26	5MHz	64QAM	26740	1RB#0	21.88	22.73	50.00	PASS
BAND26	5MHz	64QAM	26740	1RB#12	21.76	22.61	50.00	PASS
BAND26	5MHz	64QAM	26740	1RB#24	21.84	22.69	50.00	PASS
BAND26	5MHz	64QAM	26740	12RB#0	20.80	21.65	50.00	PASS
BAND26	5MHz	64QAM	26740	12RB#6	20.90	21.75	50.00	PASS
BAND26	5MHz	64QAM	26740	12RB#13	20.83	21.68	50.00	PASS
BAND26	5MHz	64QAM	26740	25RB#0	20.71	21.56	50.00	PASS
BAND26	5MHz	64QAM	26765	1RB#0	21.85	22.70	50.00	PASS
BAND26	5MHz	64QAM	26765	1RB#12	21.62	22.47	50.00	PASS
BAND26	5MHz	64QAM	26765	1RB#24	21.70	22.55	50.00	PASS
BAND26	5MHz	64QAM	26765	12RB#0	20.62	21.47	50.00	PASS
BAND26	5MHz	64QAM	26765	12RB#6	20.57	21.42	50.00	PASS
BAND26	5MHz	64QAM	26765	12RB#13	20.70	21.55	50.00	PASS
BAND26	5MHz	64QAM	26765	25RB#0	20.75	21.60	50.00	PASS
BAND26	10MHz	QPSK	26740	1RB#0	23.60	24.45	50.00	PASS
BAND26	10MHz	QPSK	26740	1RB#24	23.66	24.51	50.00	PASS
BAND26	10MHz	QPSK	26740	1RB#49	23.63	24.48	50.00	PASS
BAND26	10MHz	QPSK	26740	25RB#0	22.64	23.49	50.00	PASS
BAND26	10MHz	QPSK	26740	25RB#12	22.62	23.47	50.00	PASS
BAND26	10MHz	QPSK	26740	25RB#25	22.53	23.38	50.00	PASS
BAND26	10MHz	QPSK	26740	50RB#0	22.53	23.38	50.00	PASS
BAND26	10MHz	16QAM	26740	1RB#0	22.74	23.59	50.00	PASS
BAND26	10MHz	16QAM	26740	1RB#24	22.70	23.55	50.00	PASS

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BAND26	10MHz	16QAM	26740	1RB#49	22.70	23.55	50.00	PASS
BAND26	10MHz	16QAM	26740	25RB#0	21.72	22.57	50.00	PASS
BAND26	10MHz	16QAM	26740	25RB#12	21.69	22.54	50.00	PASS
BAND26	10MHz	16QAM	26740	25RB#25	21.56	22.41	50.00	PASS
BAND26	10MHz	16QAM	26740	50RB#0	21.57	22.42	50.00	PASS
BAND26	10MHz	64QAM	26740	1RB#0	21.92	22.77	50.00	PASS
BAND26	10MHz	64QAM	26740	1RB#24	21.79	22.64	50.00	PASS
BAND26	10MHz	64QAM	26740	1RB#49	21.65	22.50	50.00	PASS
BAND26	10MHz	64QAM	26740	25RB#0	20.85	21.70	50.00	PASS
BAND26	10MHz	64QAM	26740	25RB#12	20.68	21.53	50.00	PASS
BAND26	10MHz	64QAM	26740	25RB#25	20.65	21.50	50.00	PASS
BAND26	10MHz	64QAM	26740	50RB#0	20.75	21.60	50.00	PASS

Note:

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

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b: SGP=Signal Generator Level

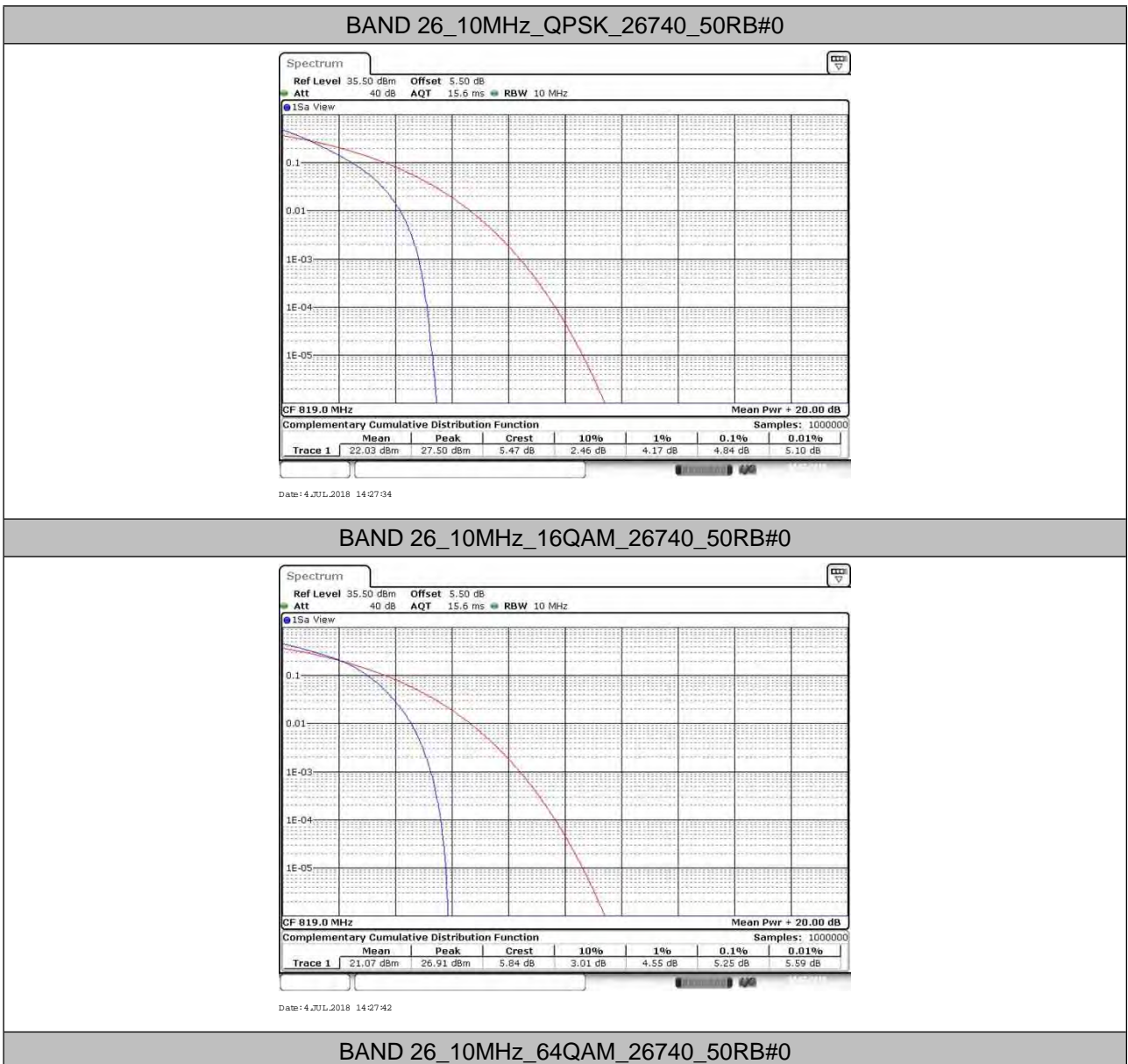


2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
BAND 26	10MHz	QPSK	26740	50RB#0	4.84	13	PASS
		16QAM	26740	50RB#0	5.25	13	PASS
		64QAM	26740	50RB#0	5.45	13	PASS

2.2. Test Plots

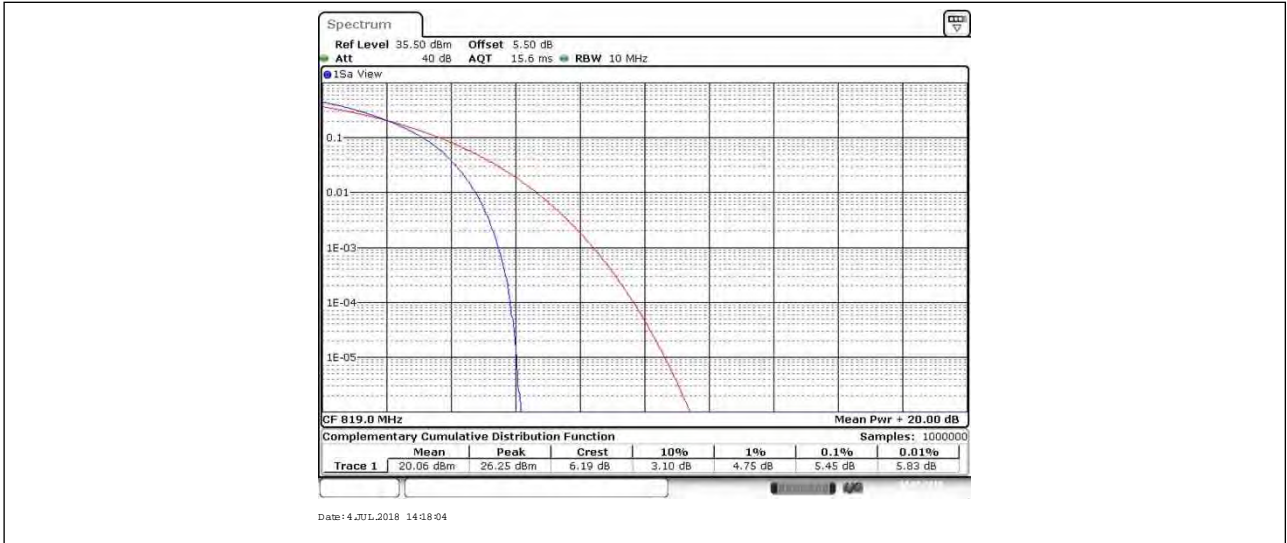




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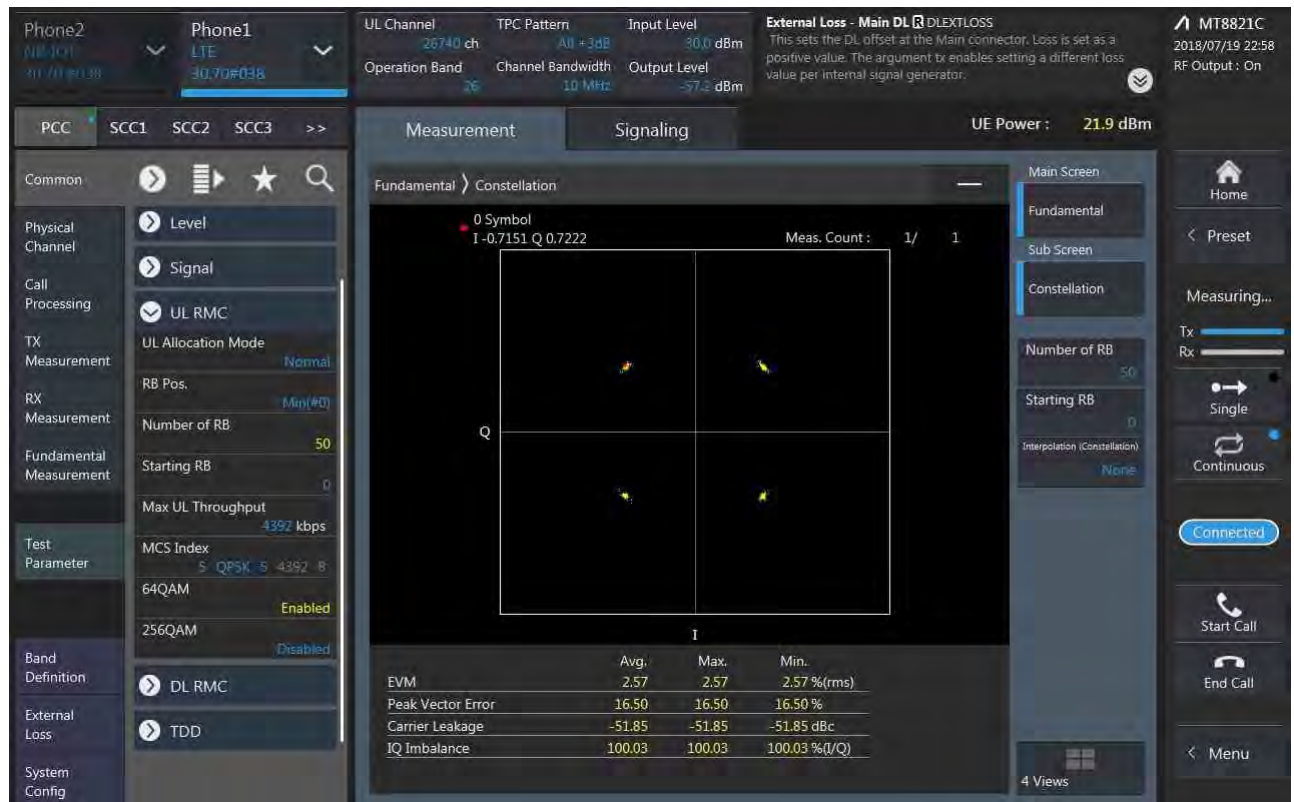


3. Modulation Characteristics

3.1. Test BAND = LTE BAND26

3.1.1. Test Mode = LTE /TM1 10MHz

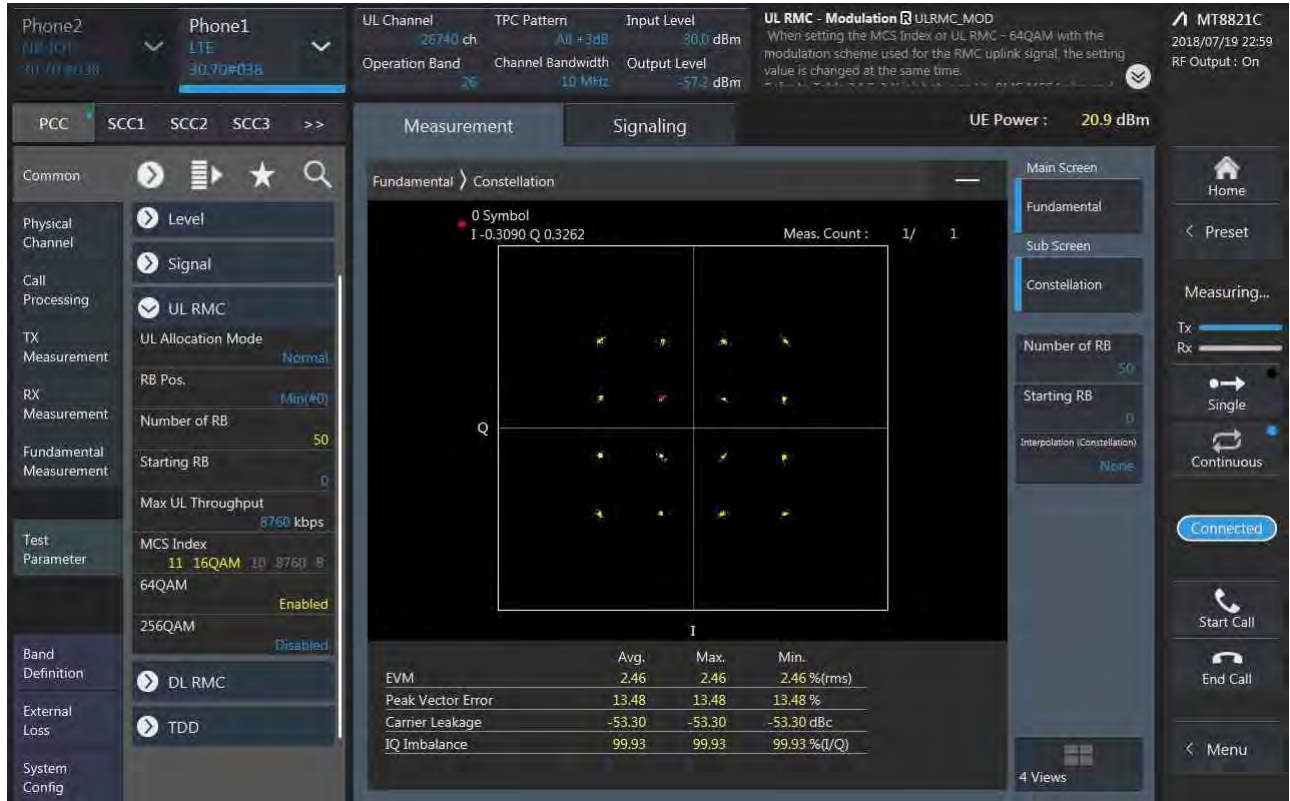
3.1.1.1. Test Channel = MCH





3.1.2. Test Mode = LTE /TM2 10MHz

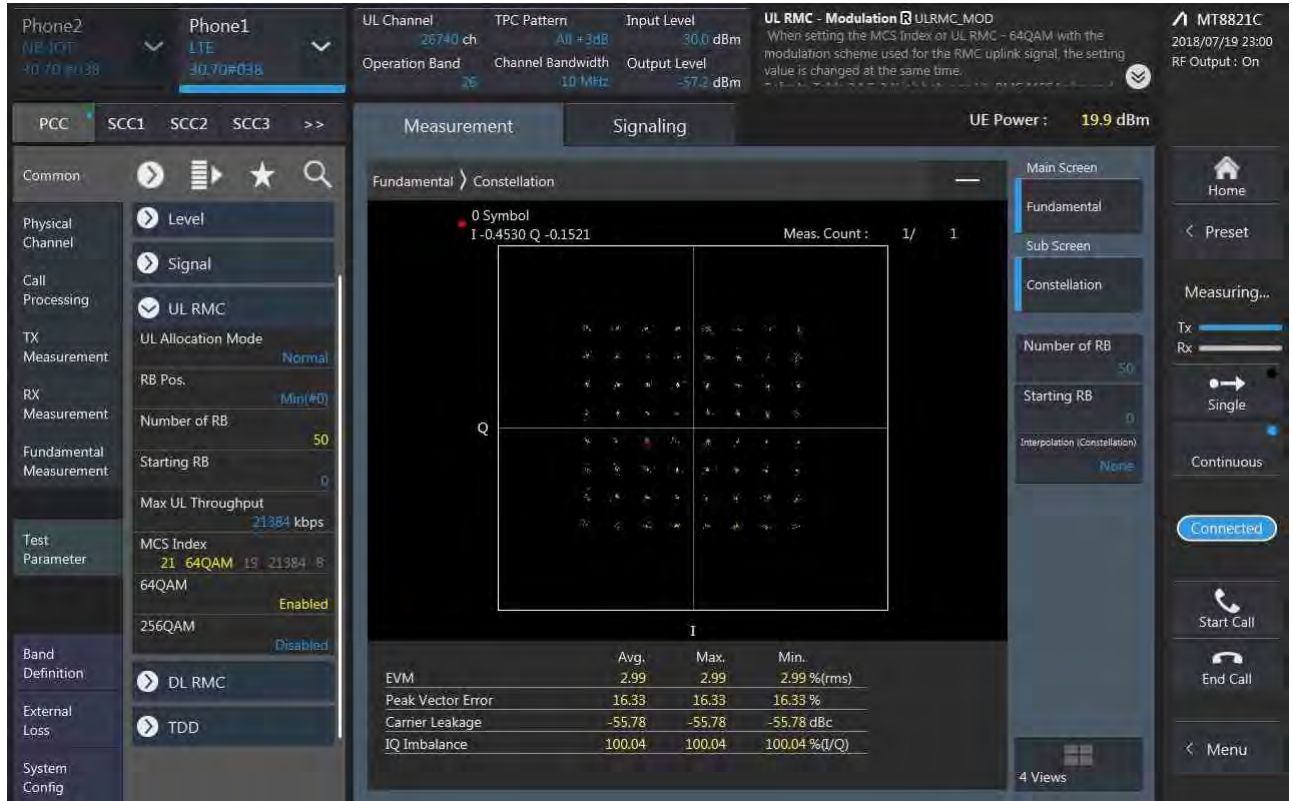
3.1.2.1. Test Channel = MCH





3.1.3. Test Mode = LTE /TM3 10MHz

3.1.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

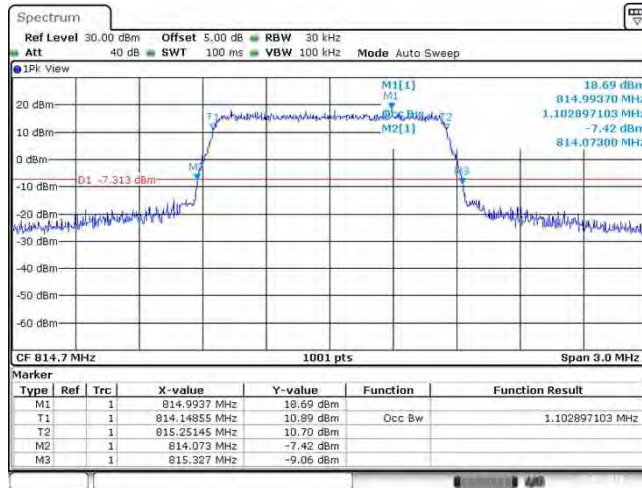
4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
BAND26	1.4MHz	QPSK	26697	6RB#0	1.103	1.254	PASS
			26740	6RB#0	1.1	1.254	PASS
			26783	6RB#0	1.103	1.251	PASS
		64QAM	26697	6RB#0	1.103	1.254	PASS
			26740	6RB#0	1.103	1.257	PASS
			26783	6RB#0	1.103	1.257	PASS
		16QAM	26697	6RB#0	1.109	1.254	PASS
			26740	6RB#0	1.106	1.257	PASS
			26783	6RB#0	1.1	1.251	PASS
	3MHz	QPSK	26705	15RB#0	2.709	3.006	PASS
			26740	15RB#0	2.703	2.988	PASS
			26775	15RB#0	2.703	3.000	PASS
		64QAM	26705	15RB#0	2.709	3.006	PASS
			26740	15RB#0	2.703	2.988	PASS
			26775	15RB#0	2.709	2.994	PASS
		16QAM	26705	15RB#0	2.709	3.000	PASS
			26740	15RB#0	2.709	2.994	PASS
			26775	15RB#0	2.703	3.000	PASS
	5MHz	QPSK	26715	25RB#0	4.486	4.910	PASS
			26740	25RB#0	4.476	4.900	PASS
			26765	25RB#0	4.476	4.910	PASS
		64QAM	26715	25RB#0	4.486	4.900	PASS
			26740	25RB#0	4.476	4.910	PASS
			26765	25RB#0	4.476	4.890	PASS
		16QAM	26715	25RB#0	4.476	4.880	PASS
			26740	25RB#0	4.476	4.920	PASS
			26765	25RB#0	4.476	4.910	PASS
	10MHz	QPSK	26740	50RB#0	8.971	10.280	PASS
		64QAM	26740	50RB#0	8.971	10.340	PASS
		16QAM	26740	50RB#0	8.971	10.260	PASS



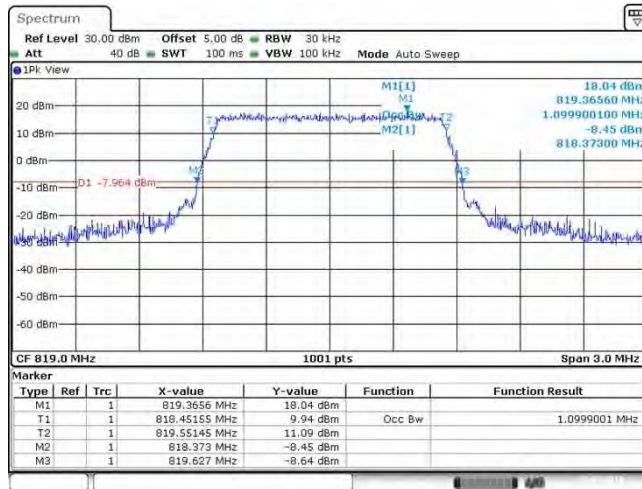
4.2. Test Plots

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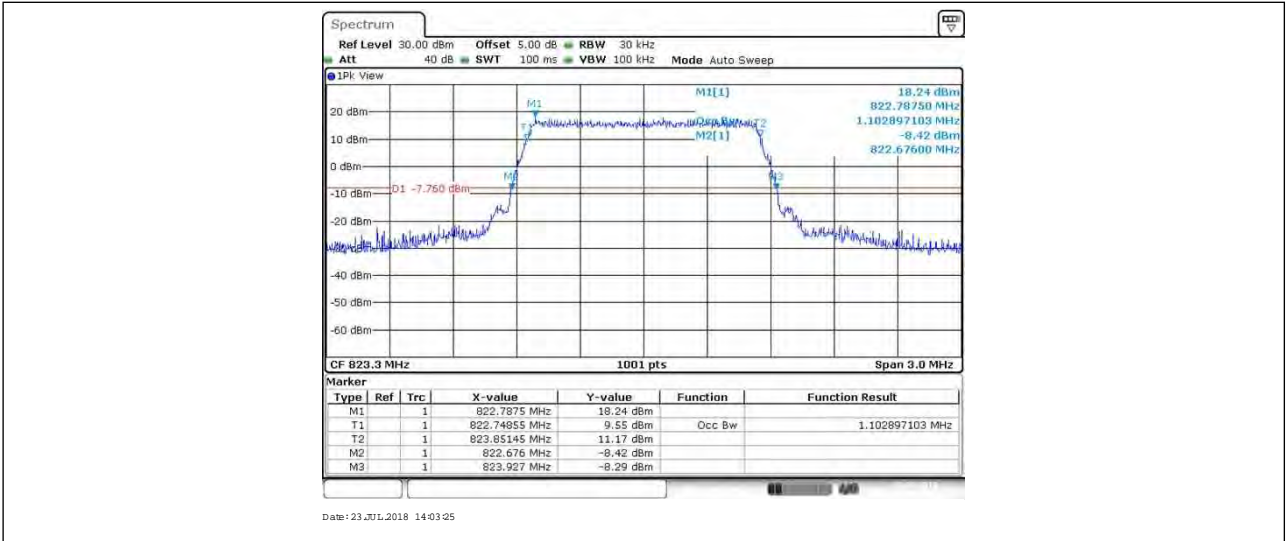
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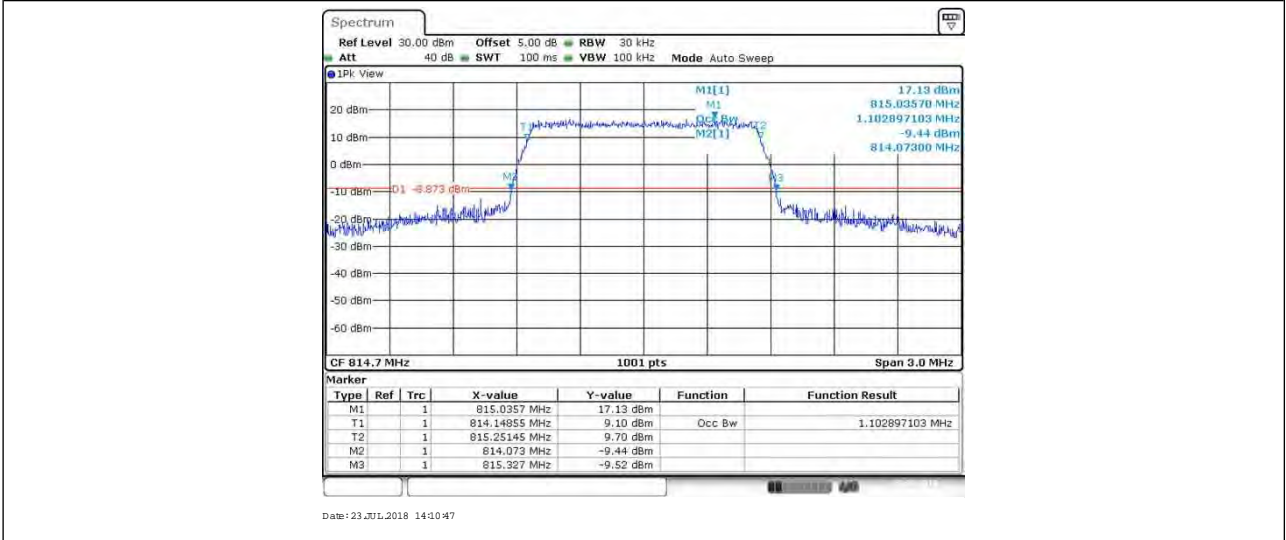


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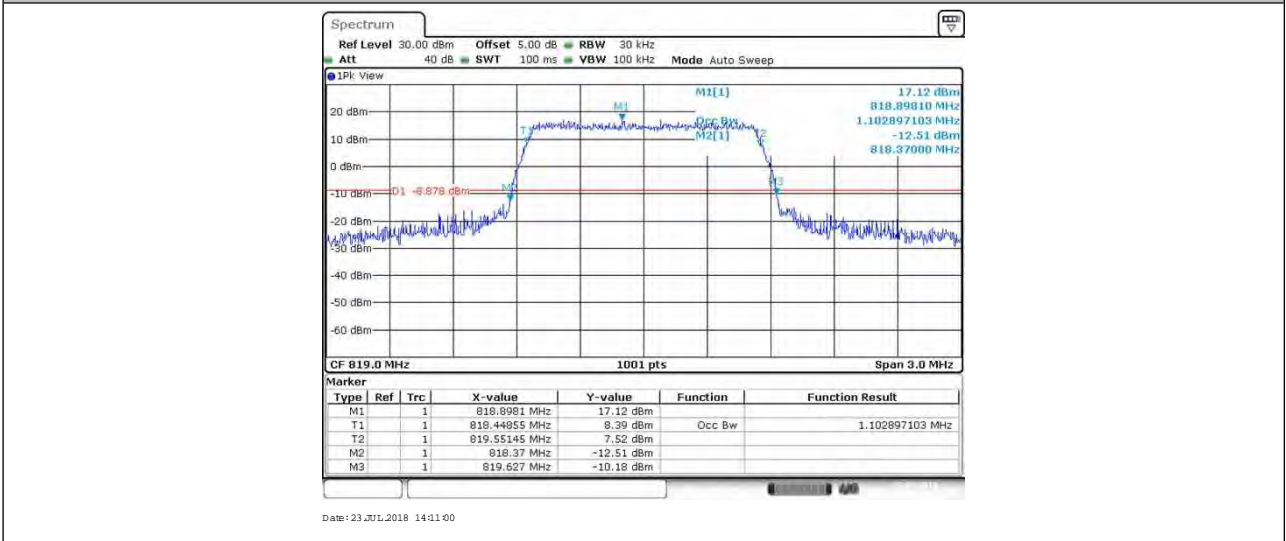
BAND26_1.4MHz_QPSK_26783_6RB#0



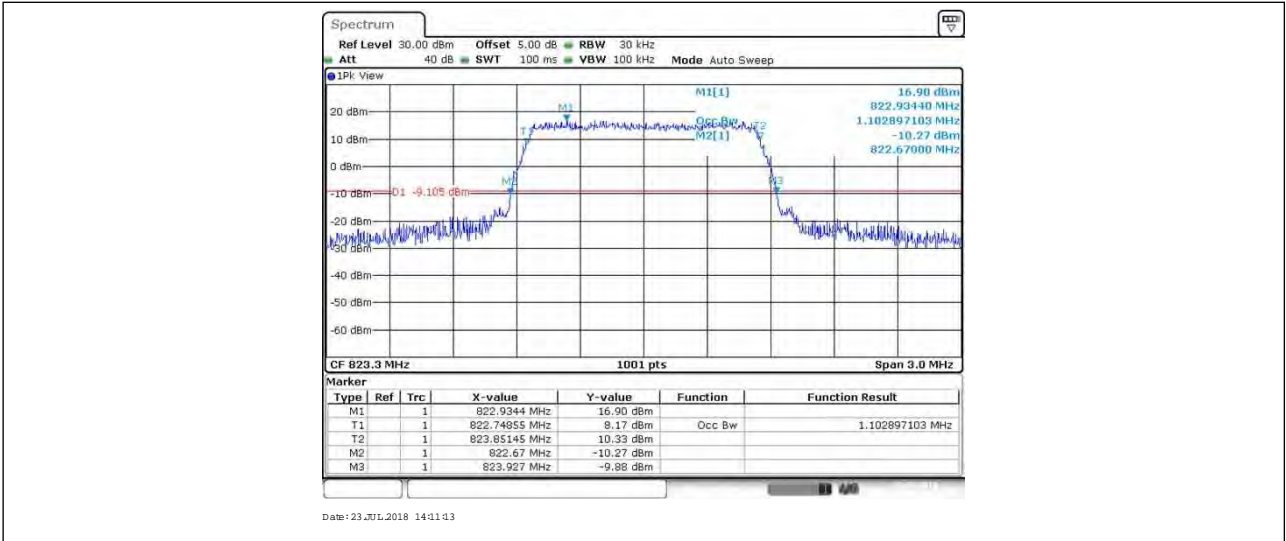
BAND26_1.4MHz_64QAM_26697_6RB#0



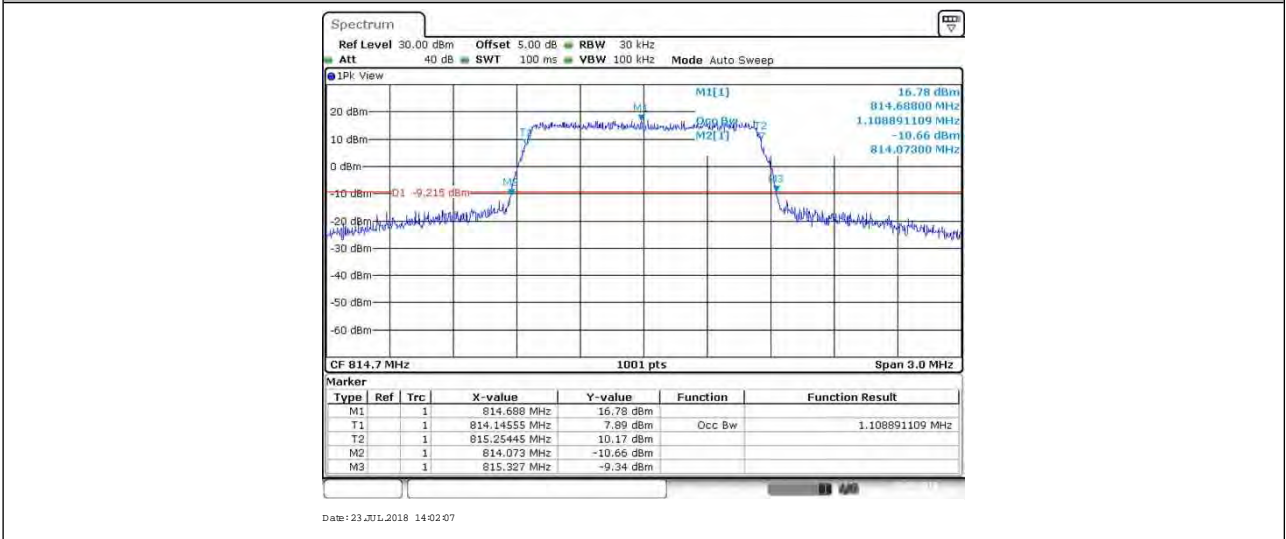
BAND26_1.4MHz_64QAM_26740_6RB#0



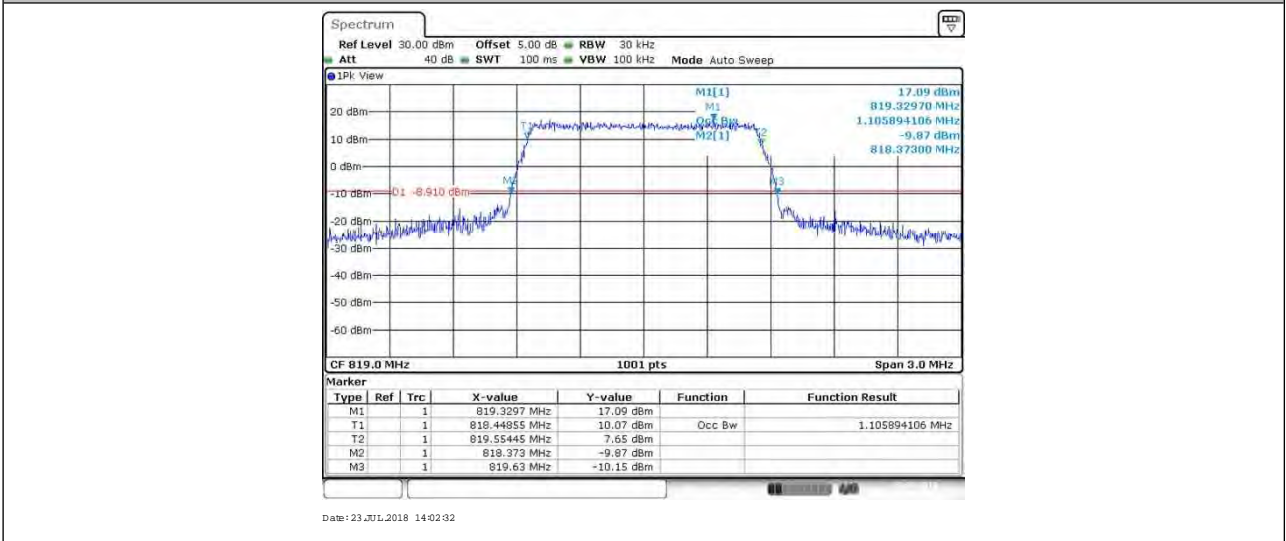
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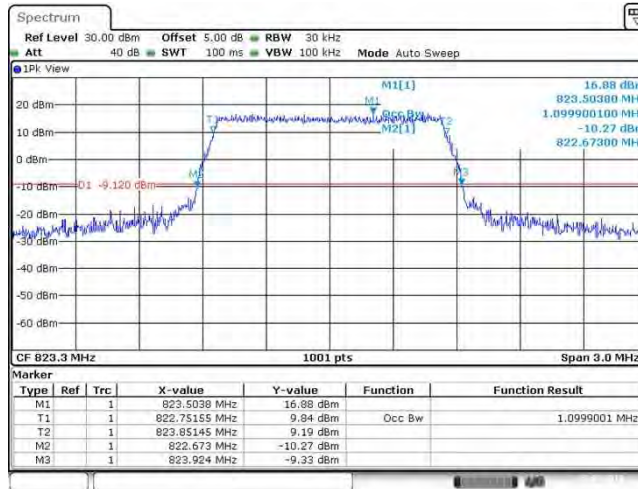
BAND26_1.4MHz_16QAM_26697_6RB#0



BAND26_1.4MHz_16QAM_26740_6RB#0

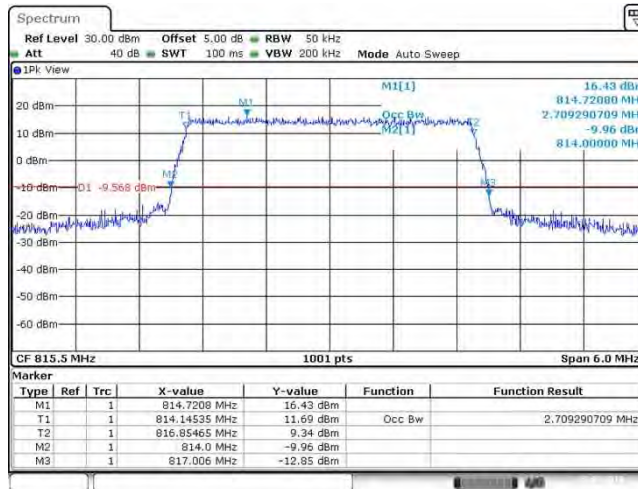


BAND26_1.4MHz_16QAM_26783_6RB#0



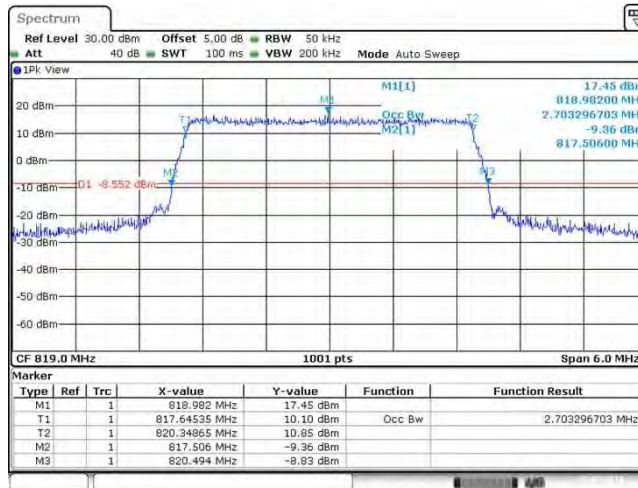
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BAND26_3MHz_QPSK_26705_15RB#0



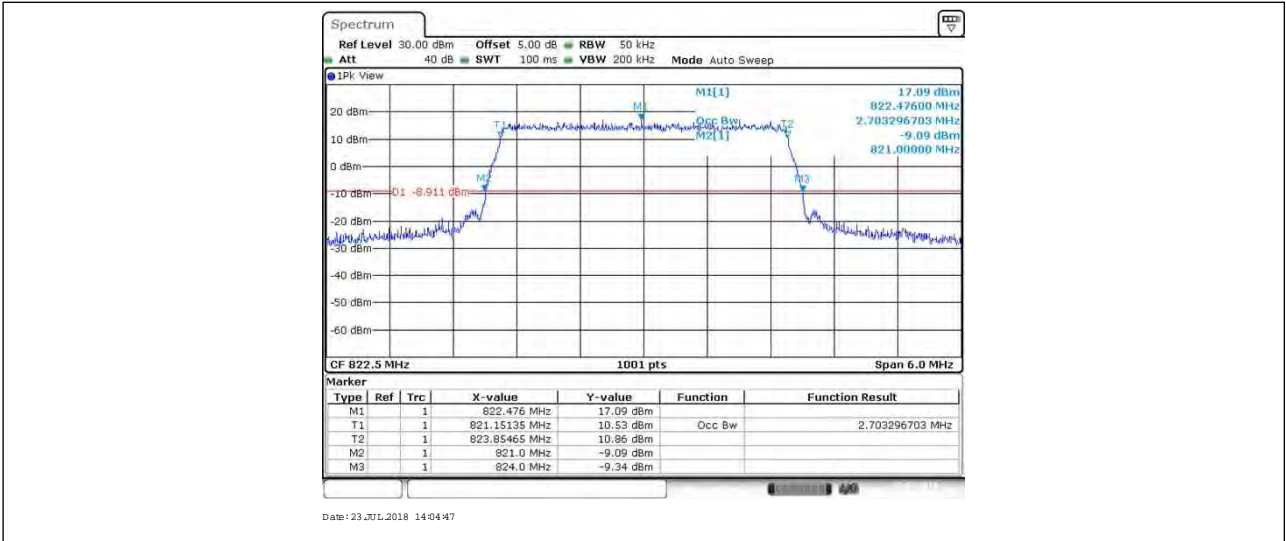
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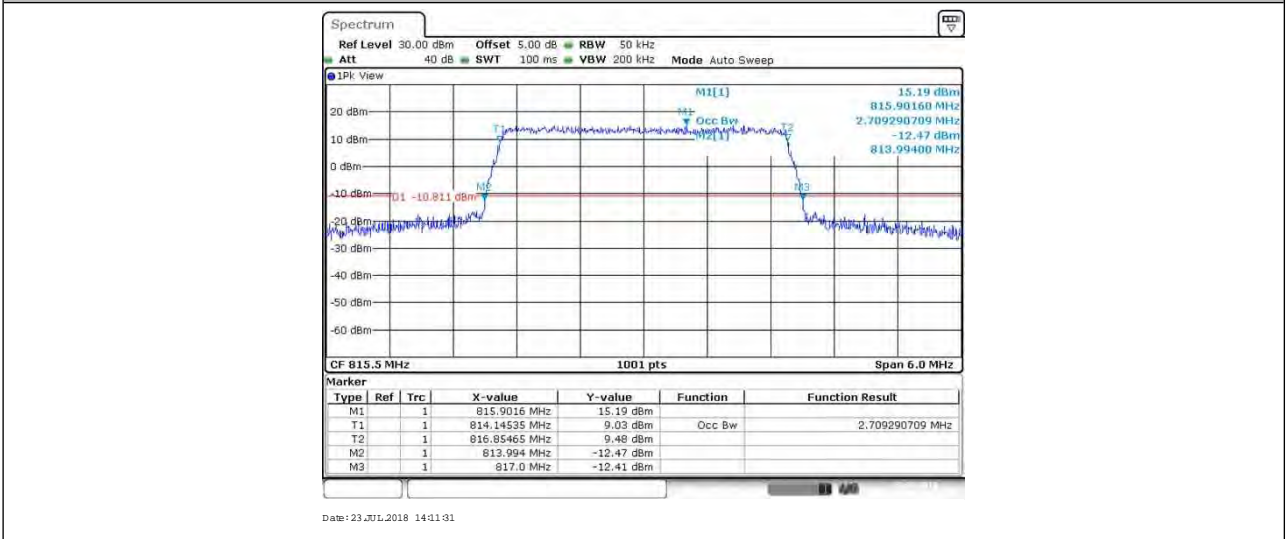


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BAND26_3MHz_QPSK_26775_15RB#0



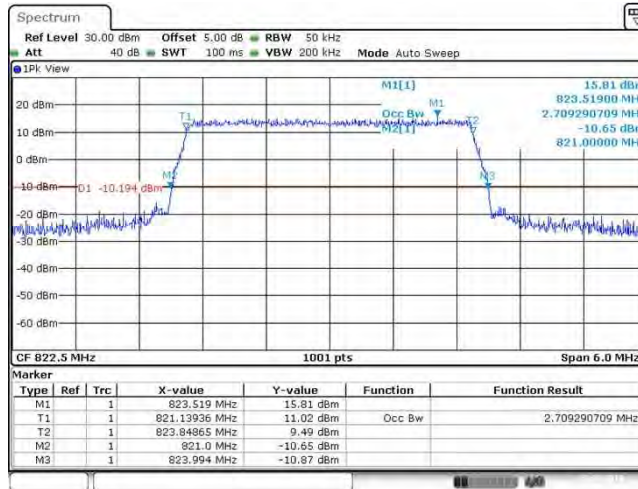
BAND26_3MHz_64QAM_26705_15RB#0



BAND26_3MHz_64QAM_26740_15RB#0

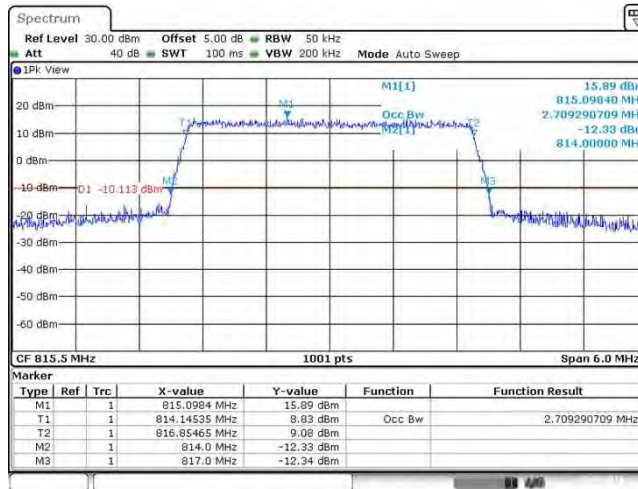


BAND26_3MHz_64QAM_26775_15RB#0



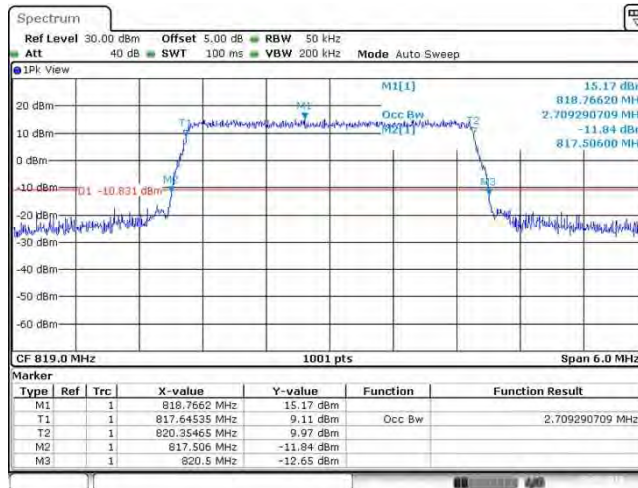
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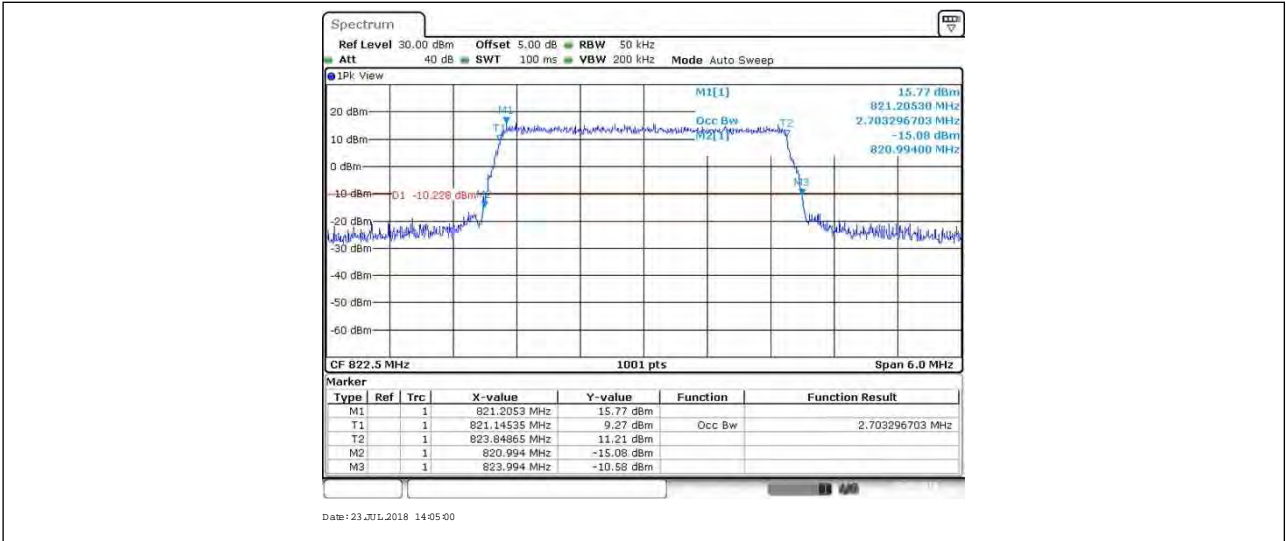
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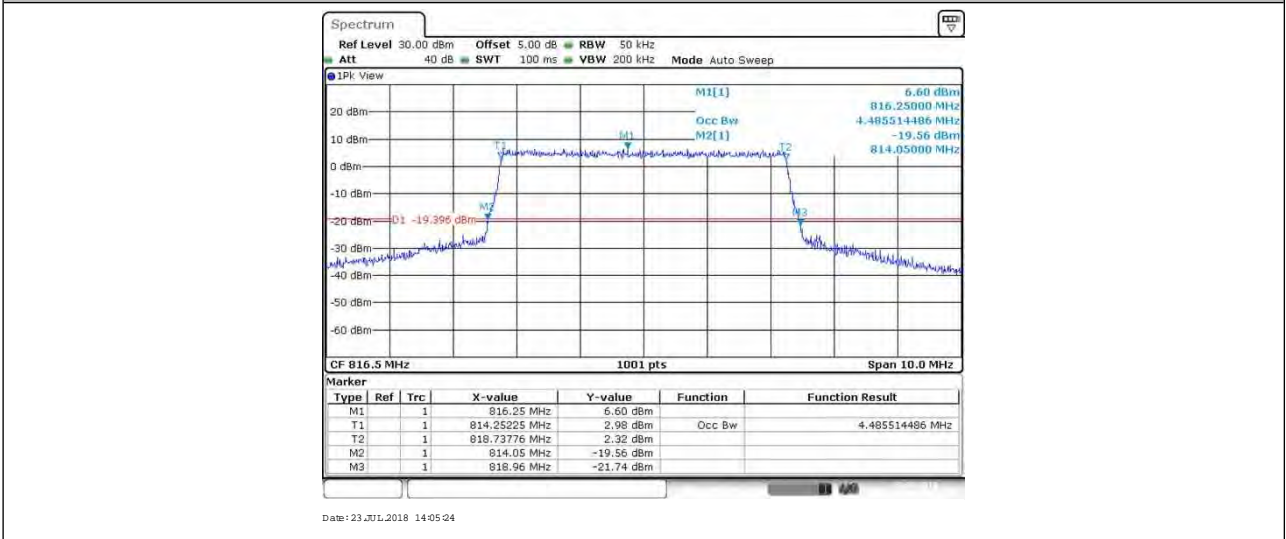


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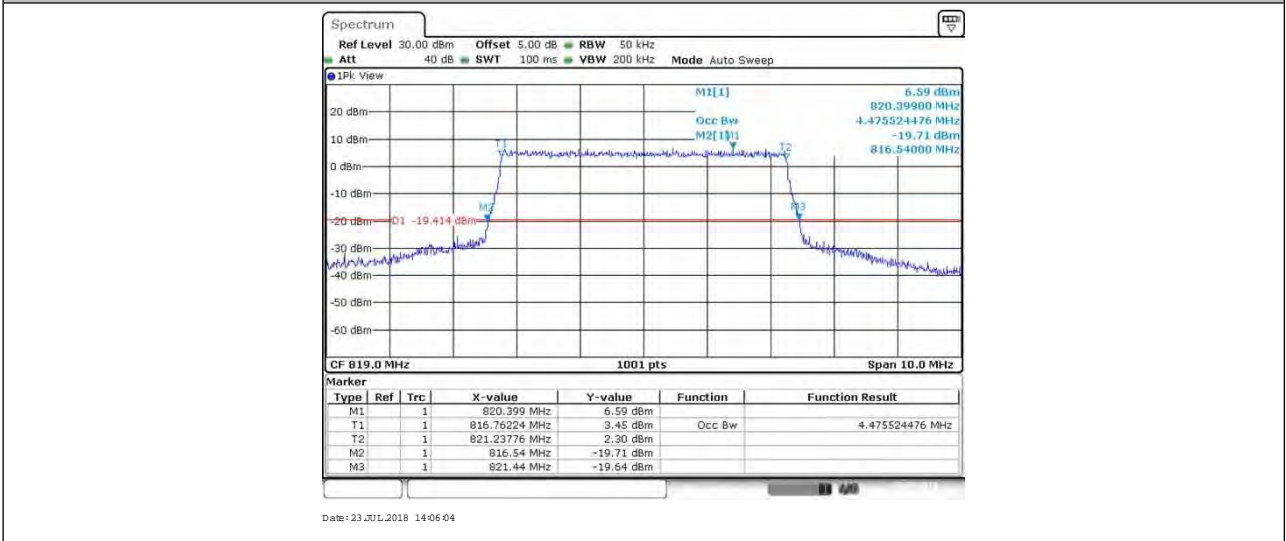
BAND26_3MHz_16QAM_26775_15RB#0



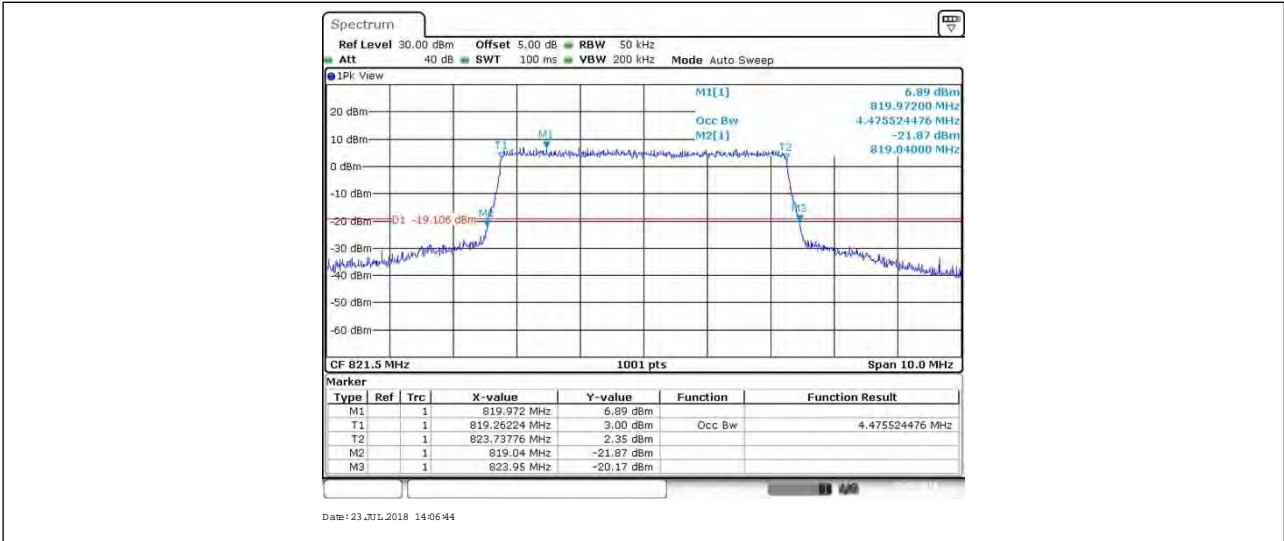
BAND26_5MHz_QPSK_26715_25RB#0



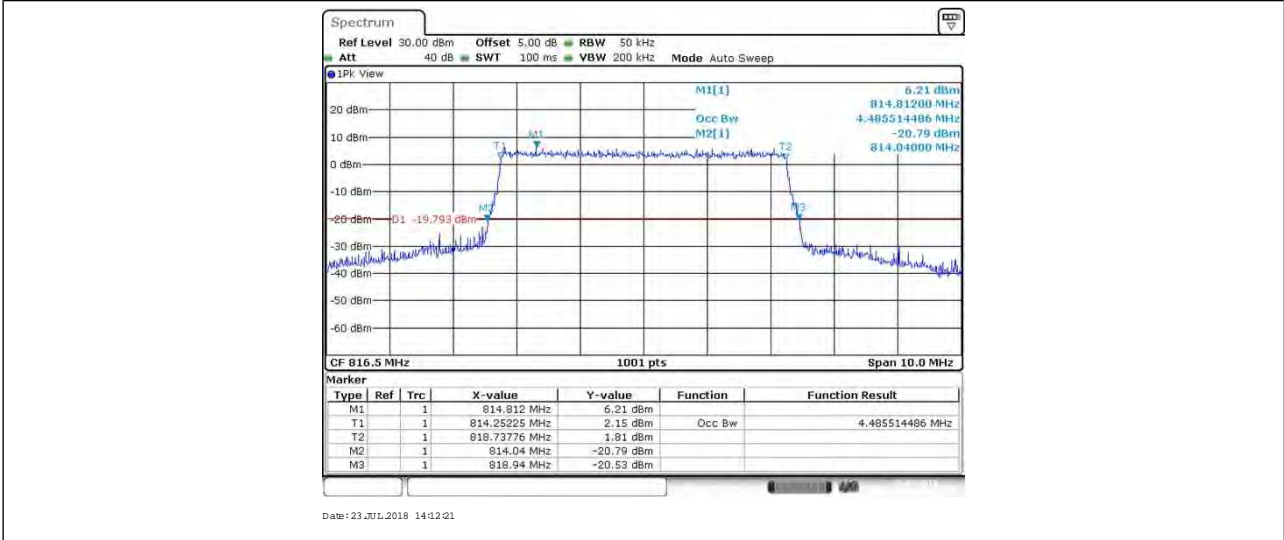
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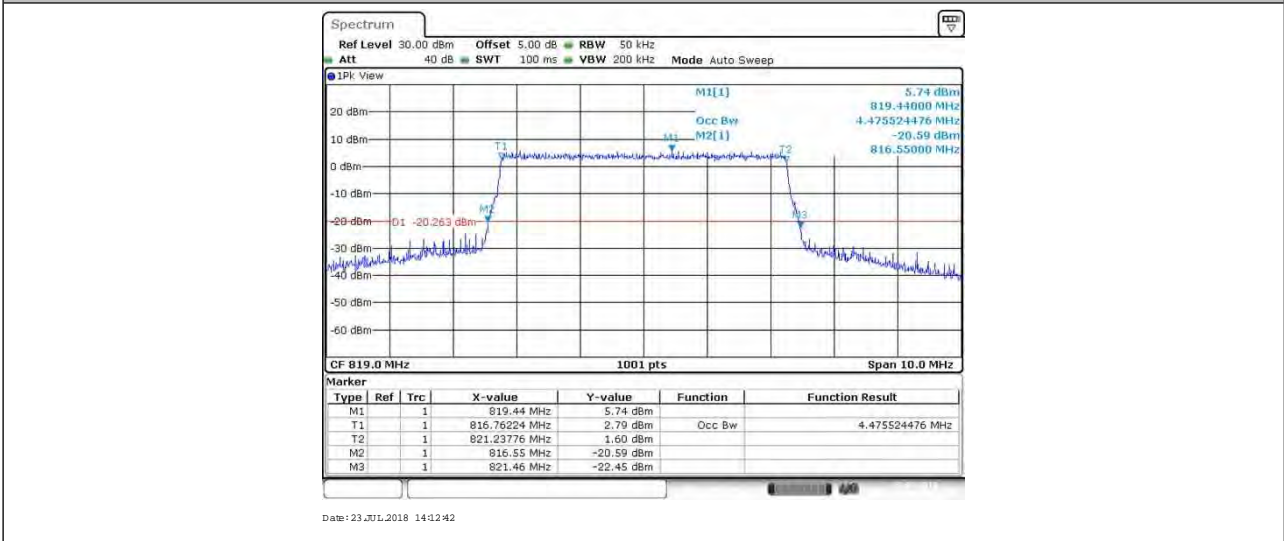
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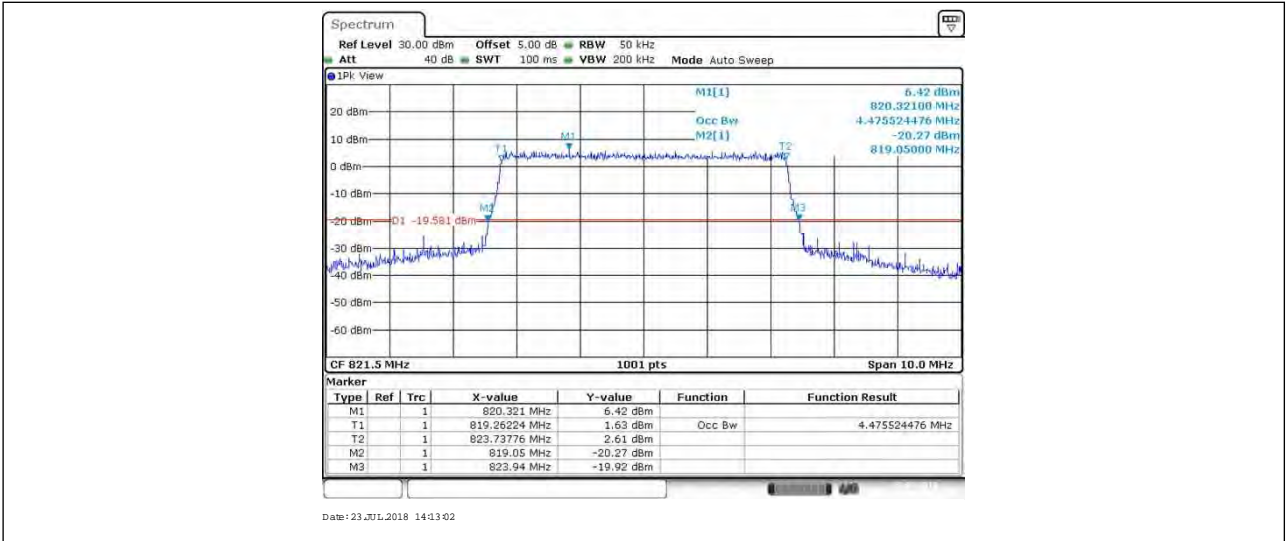
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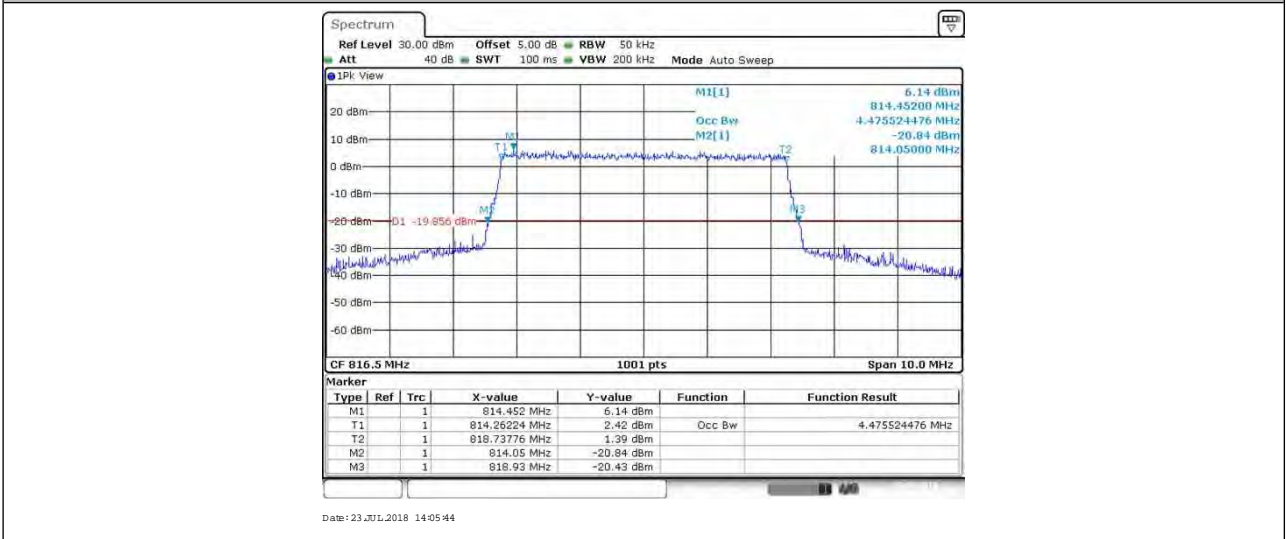
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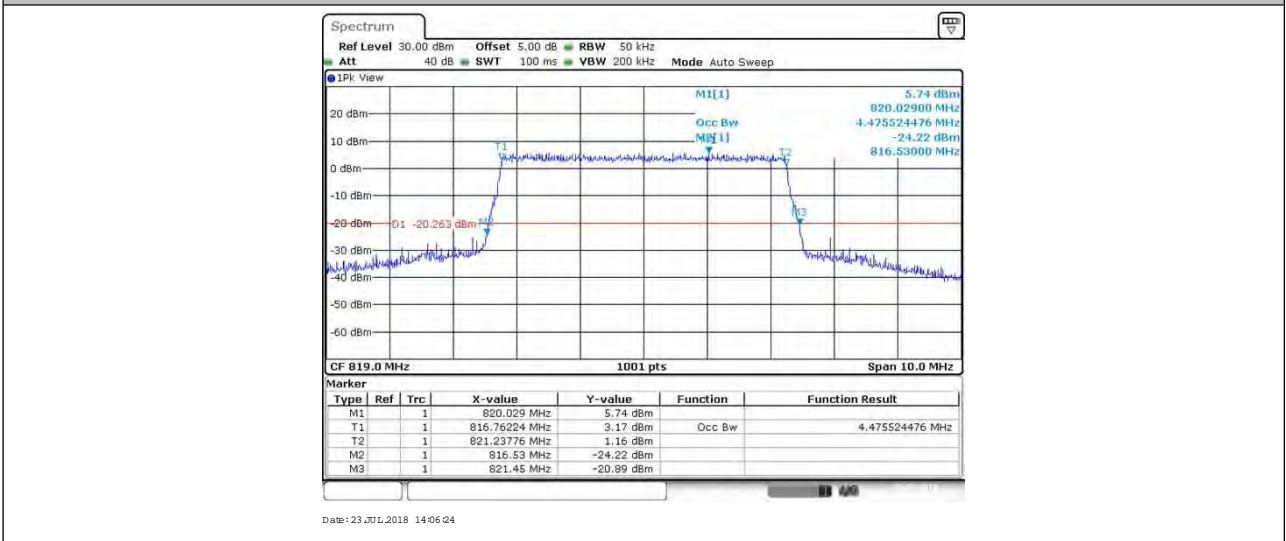
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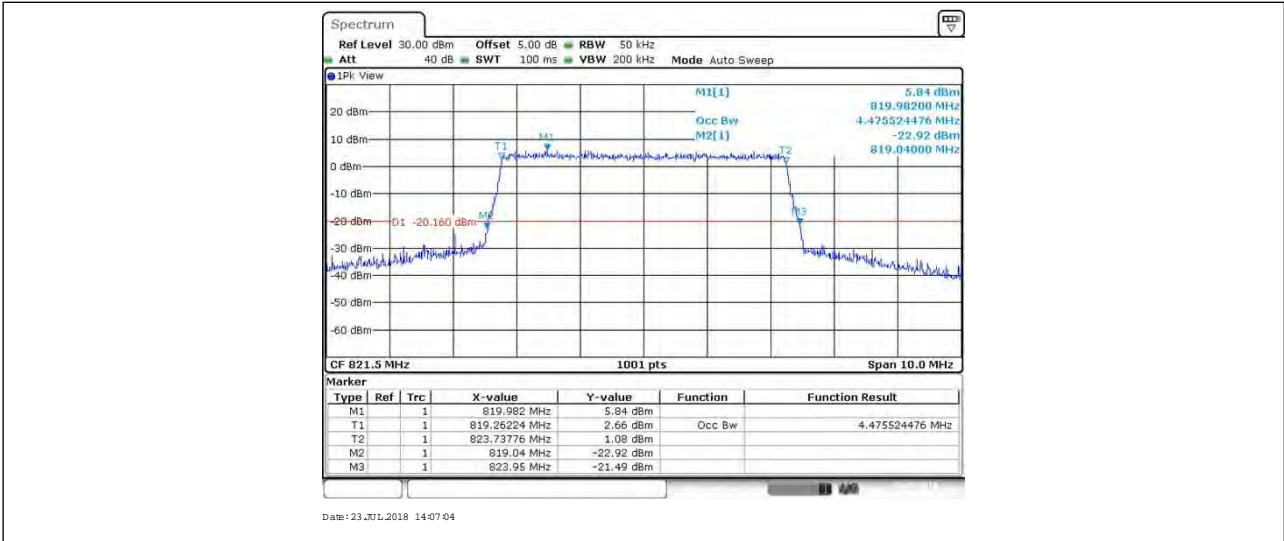
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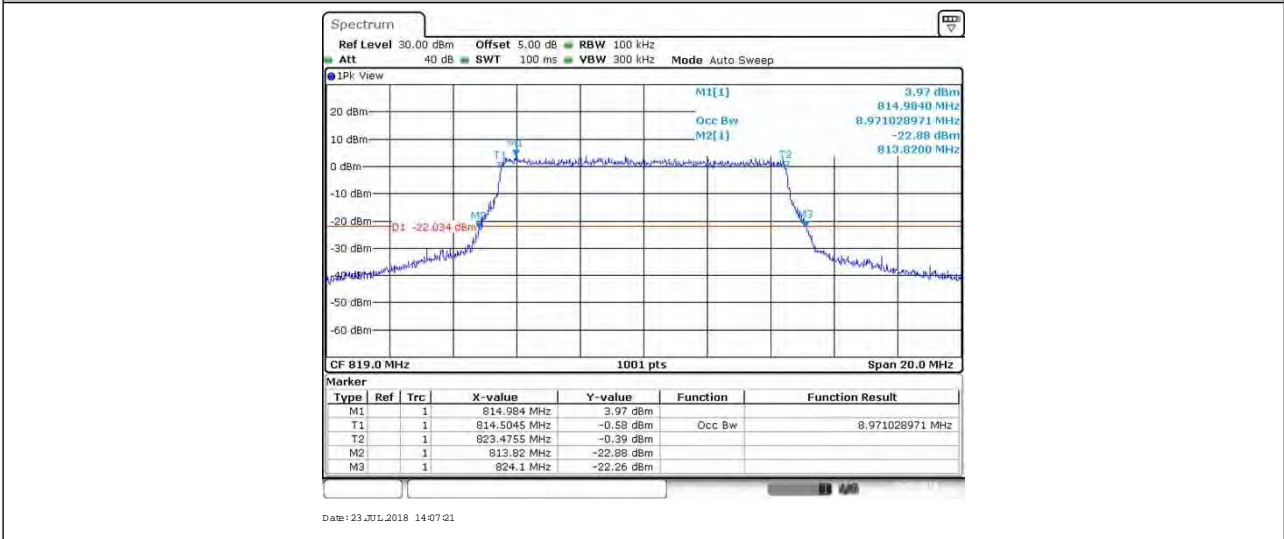
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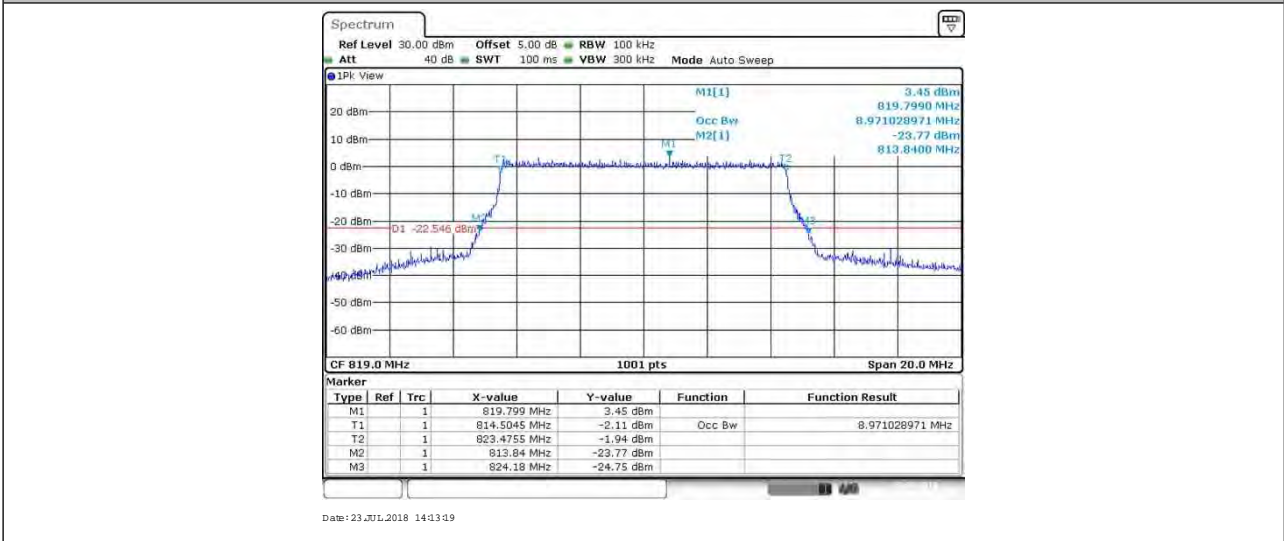
BAND26_5MHz_16QAM_26765_25RB#0



BAND26_10MHz_QPSK_26740_50RB#0



BAND26_10MHz_64QAM_26740_50RB#0



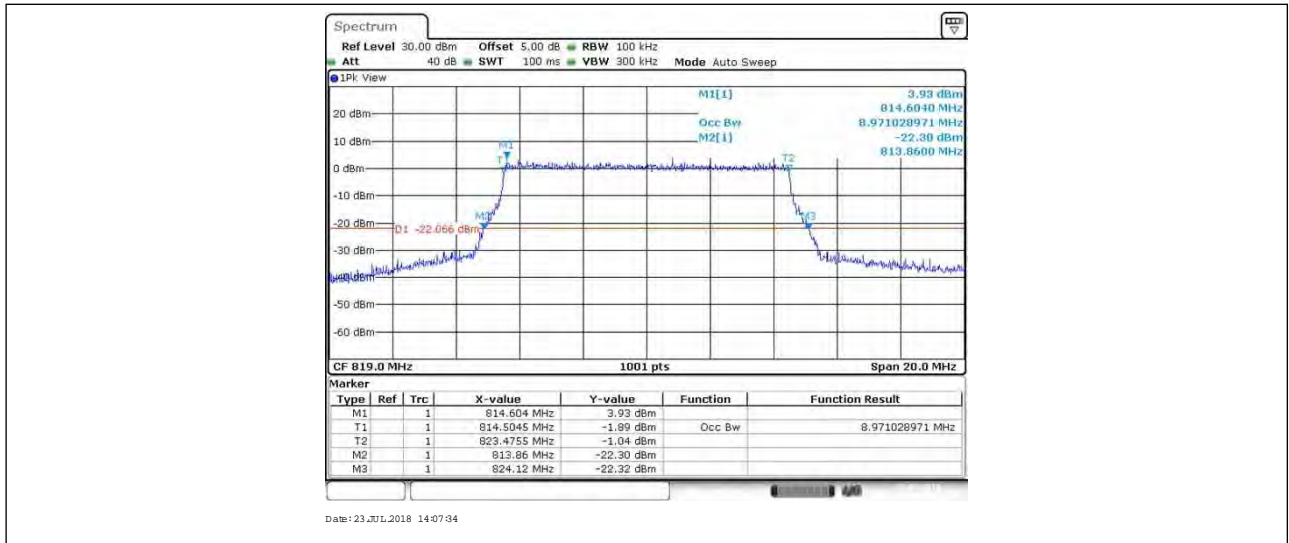
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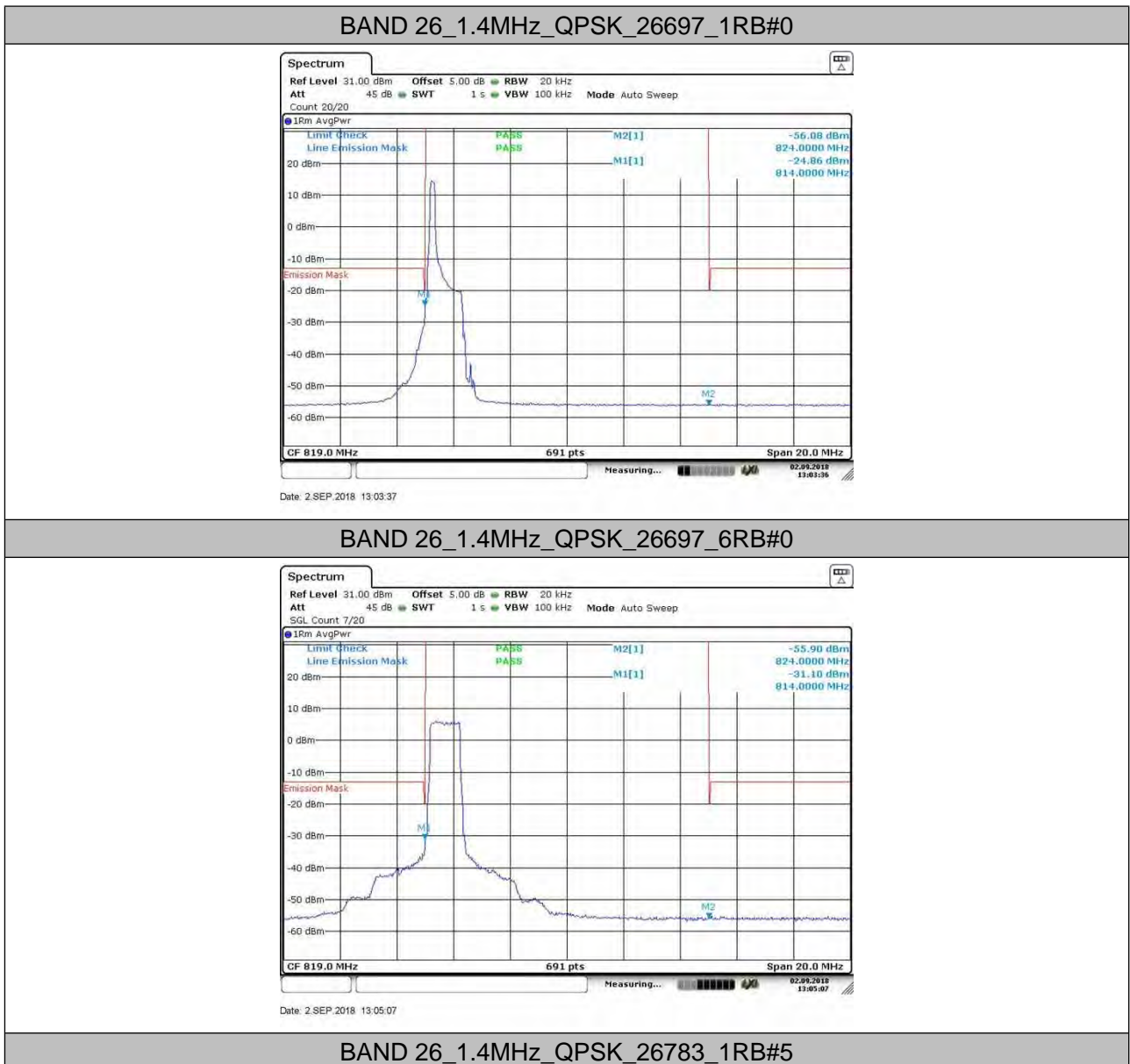
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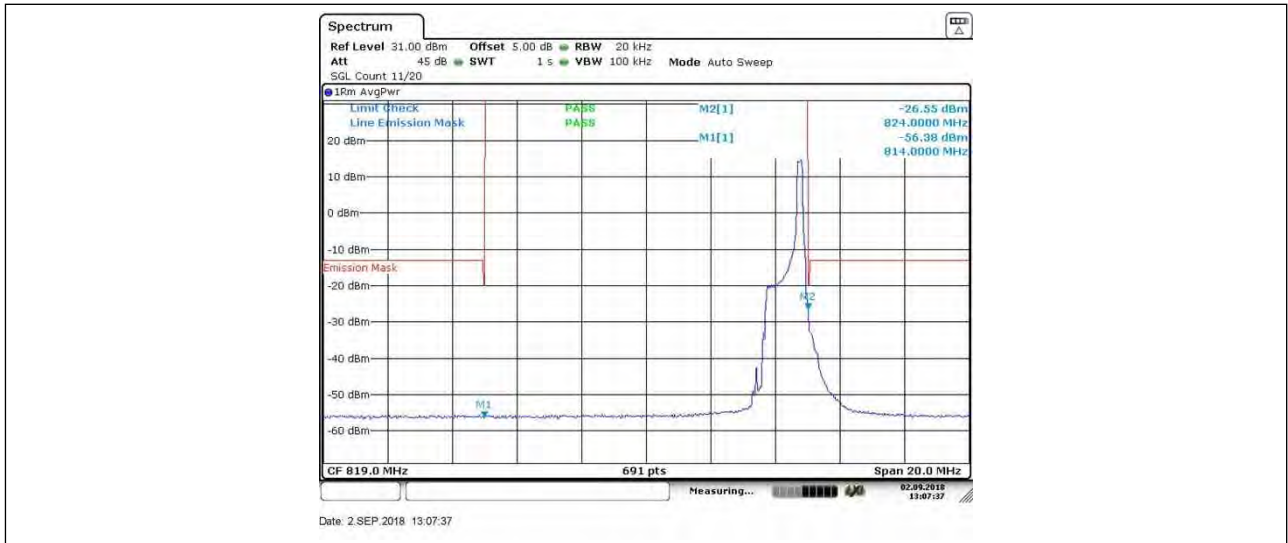




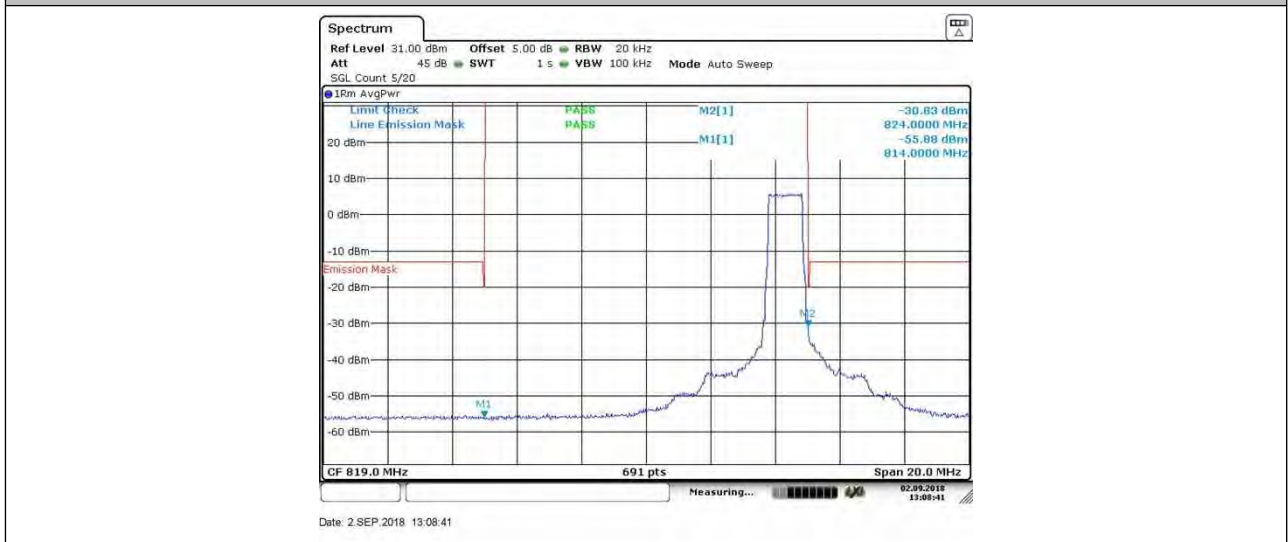
5. Band Edge Compliance

5.1. Test Plots

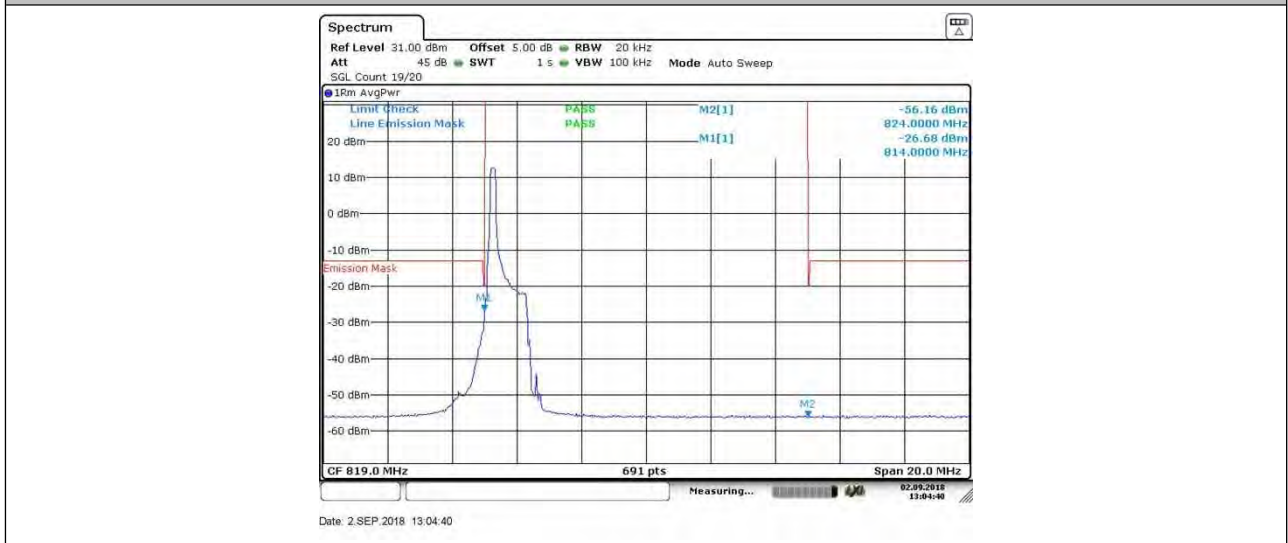




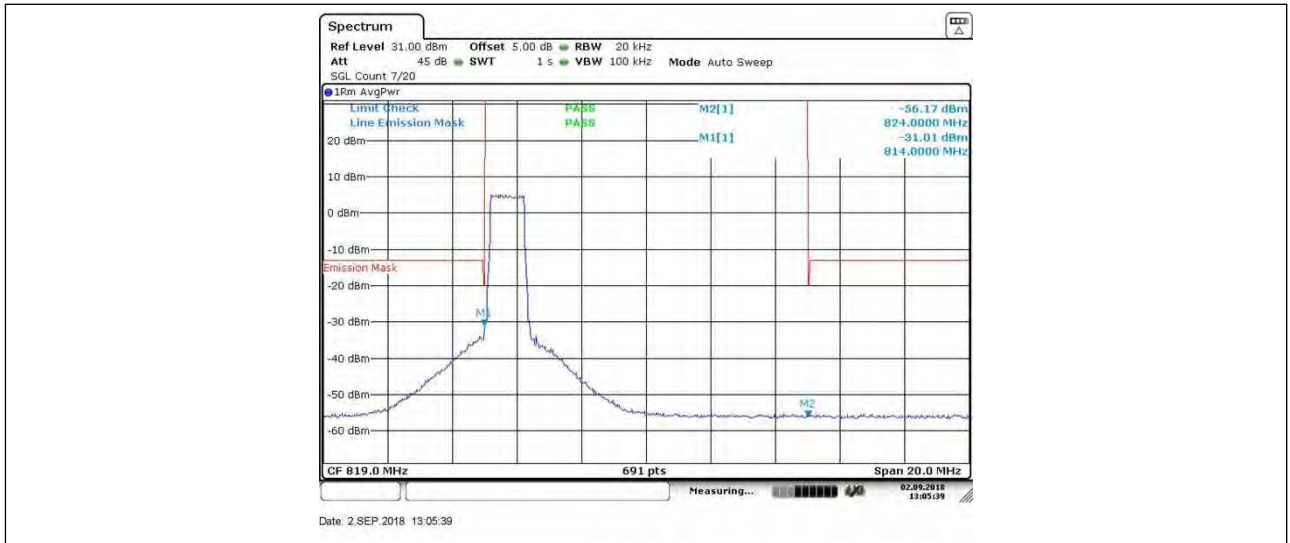
BAND 26_1.4MHz_QPSK_26783_6RB#0



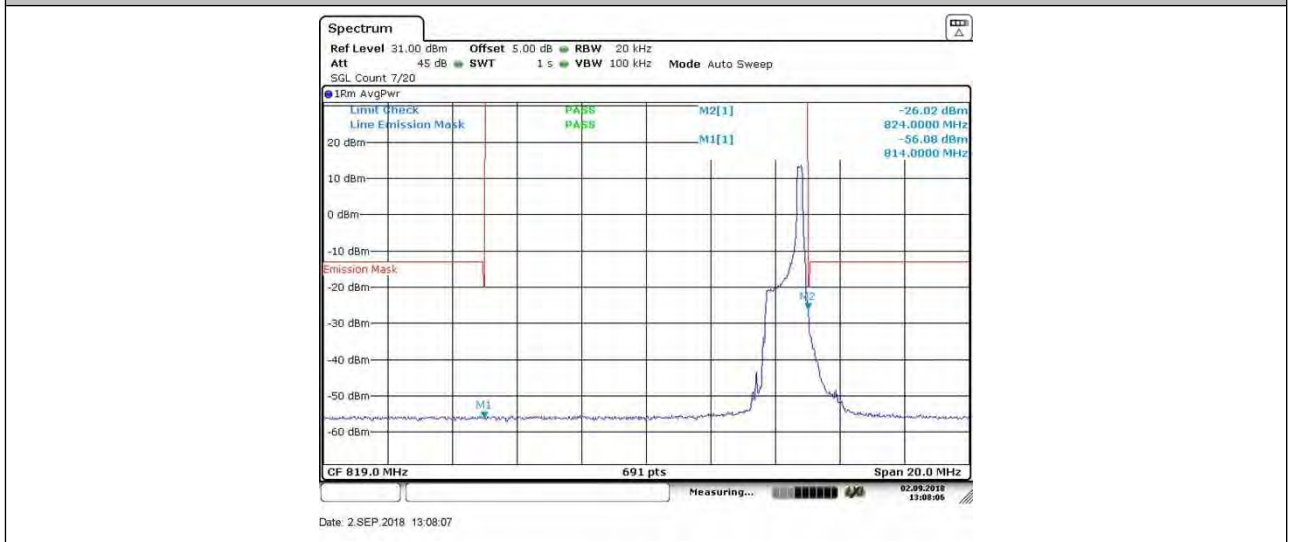
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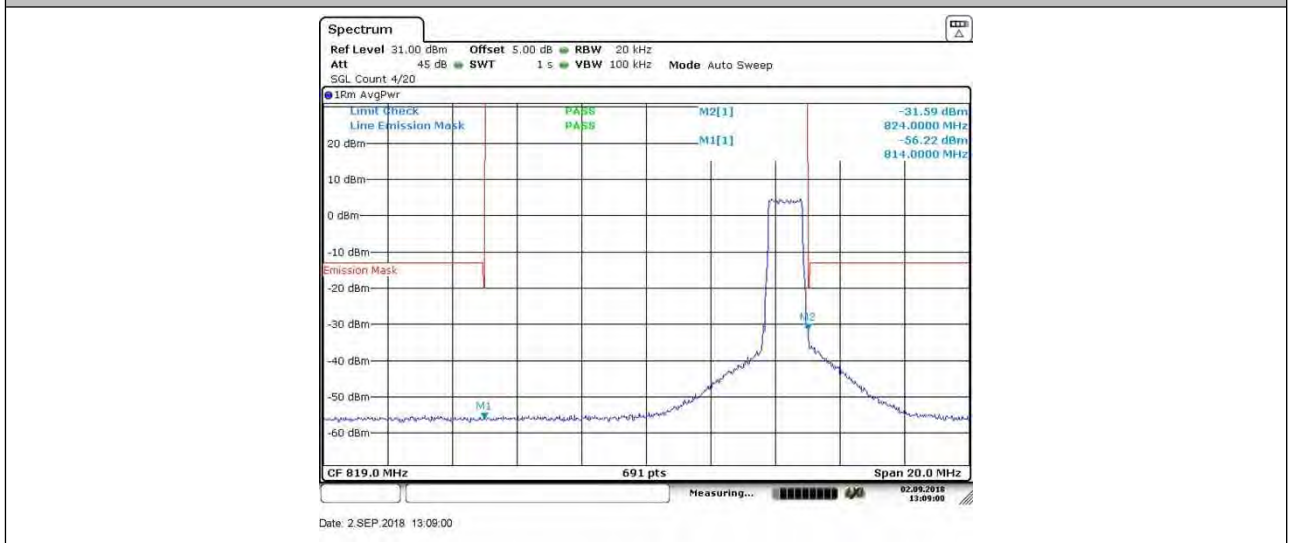
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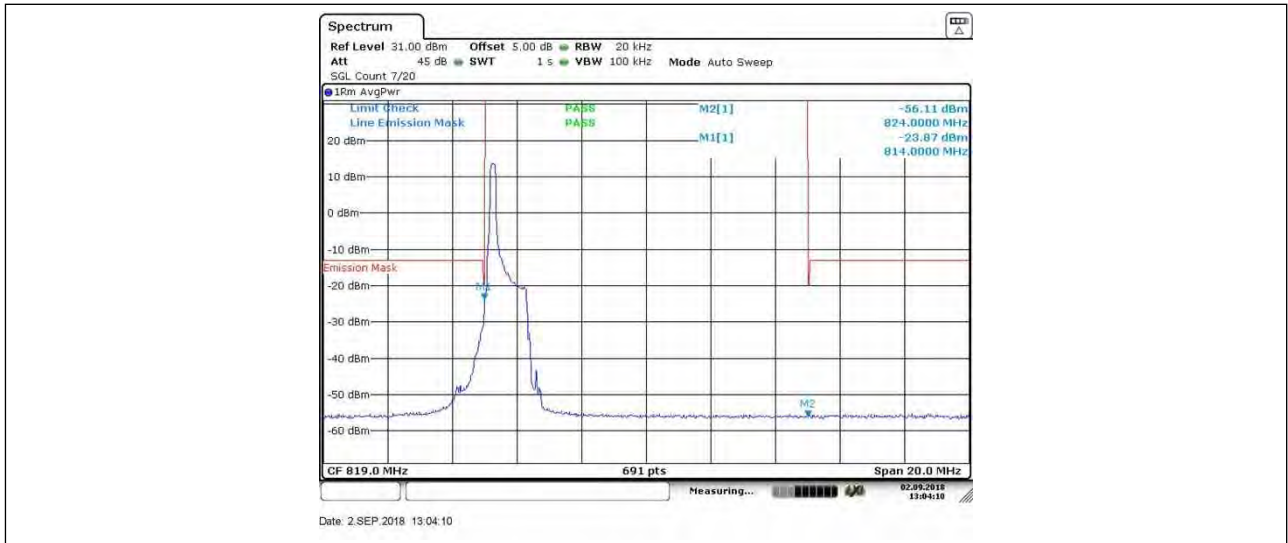
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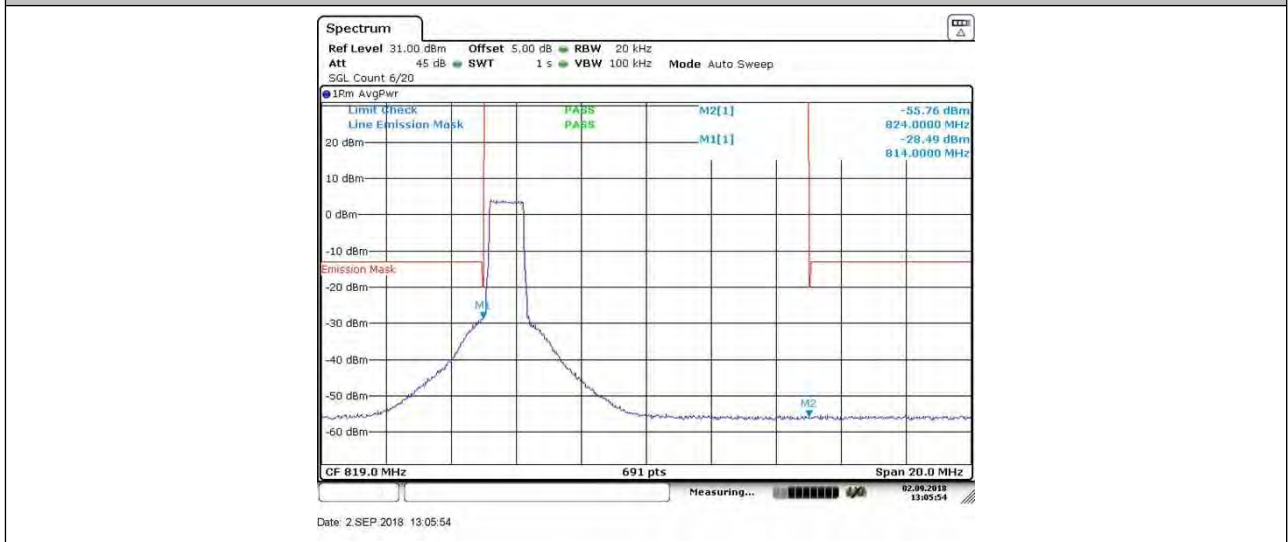
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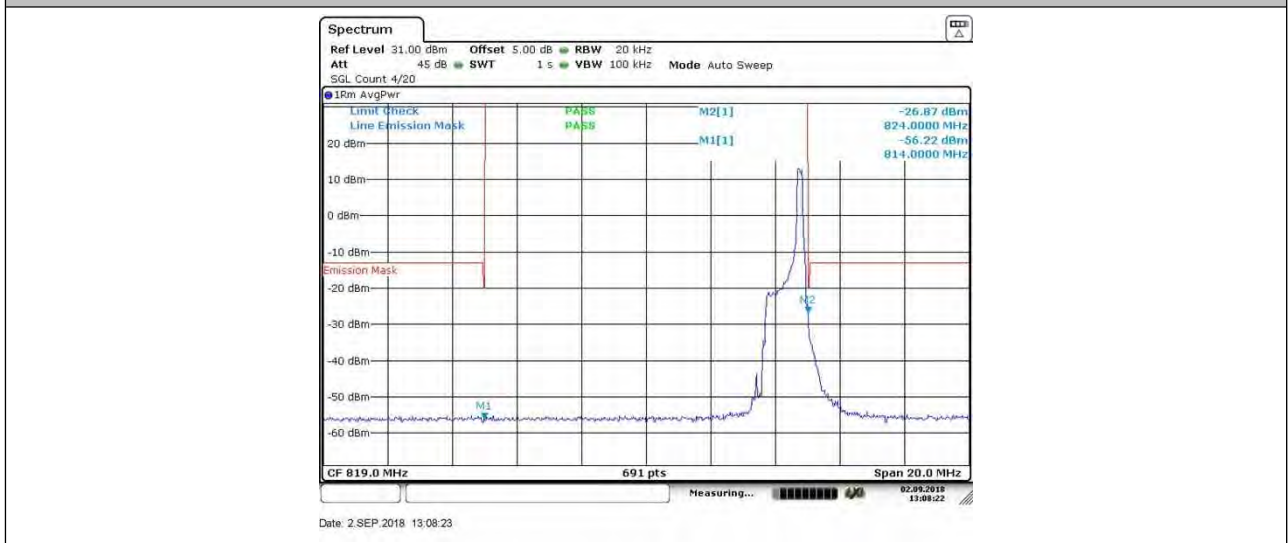
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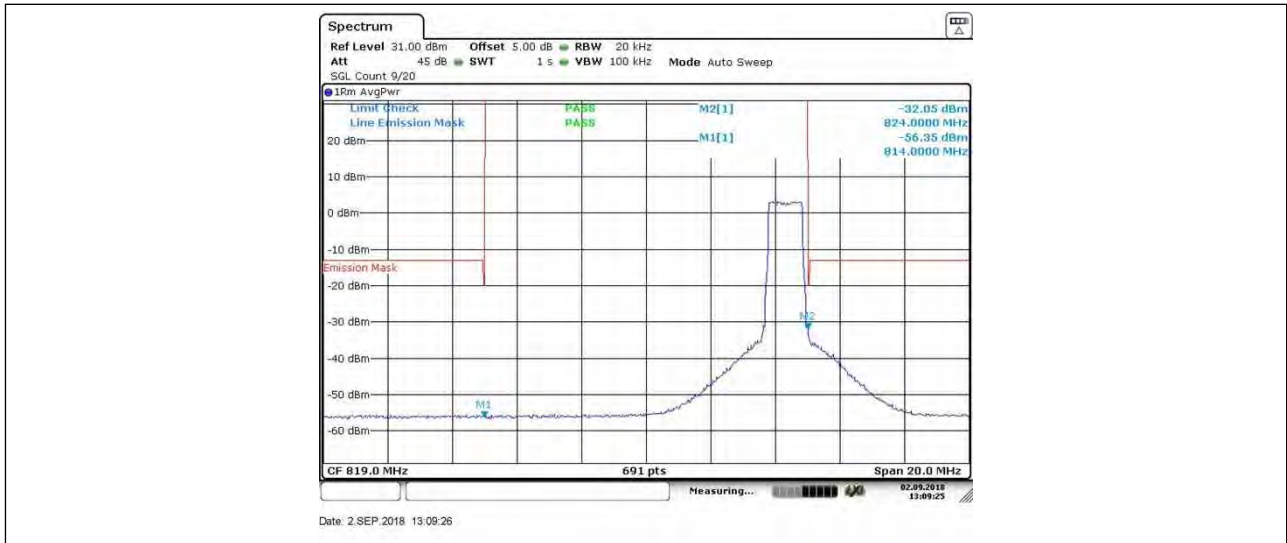
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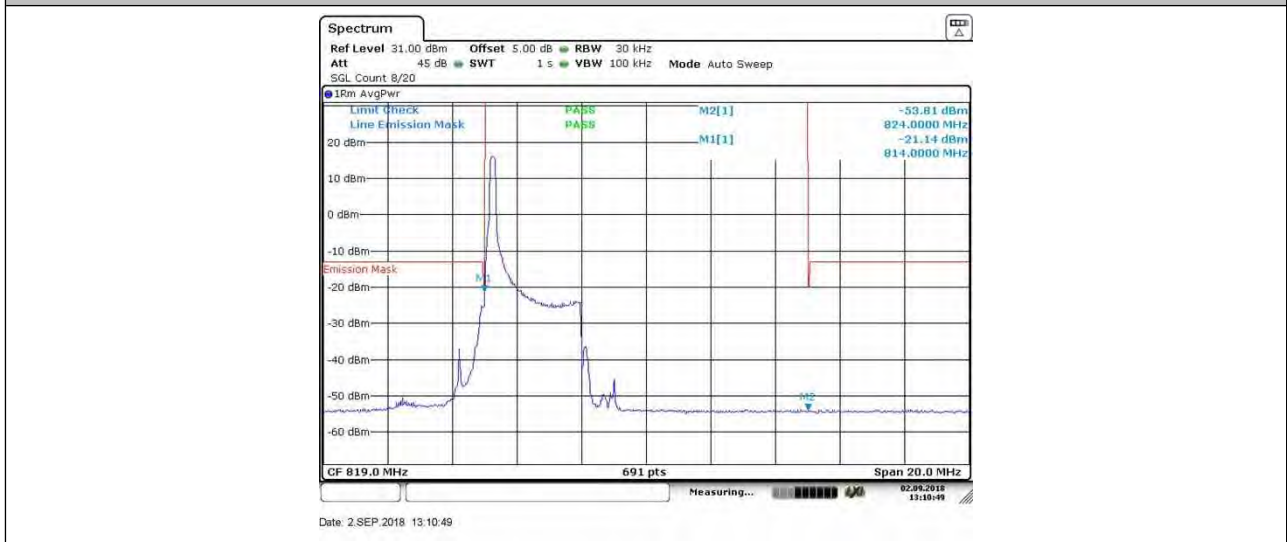
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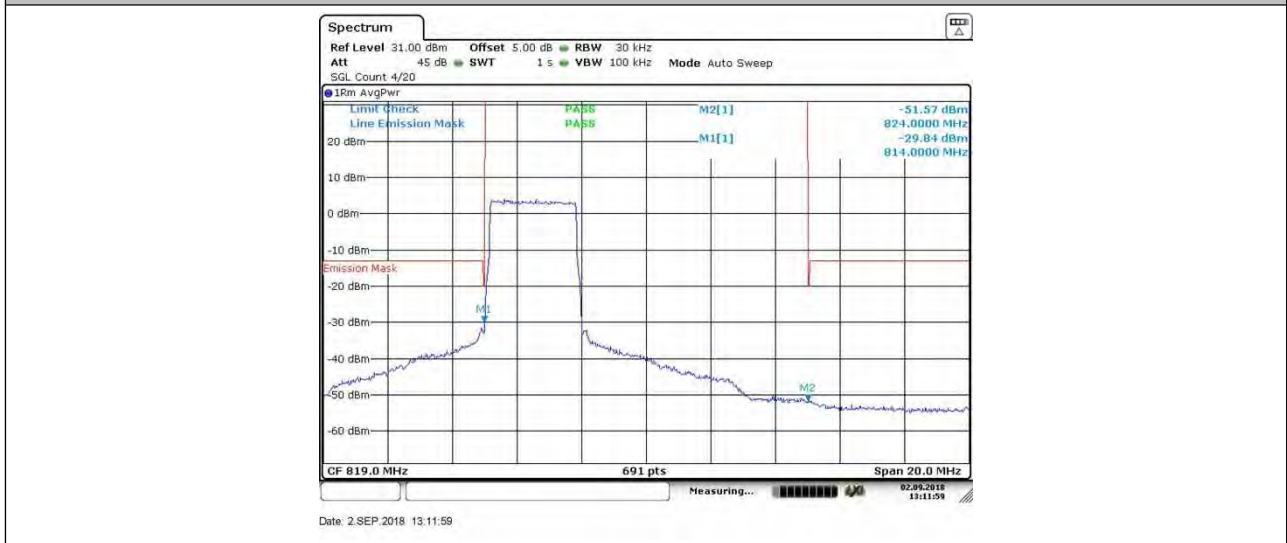
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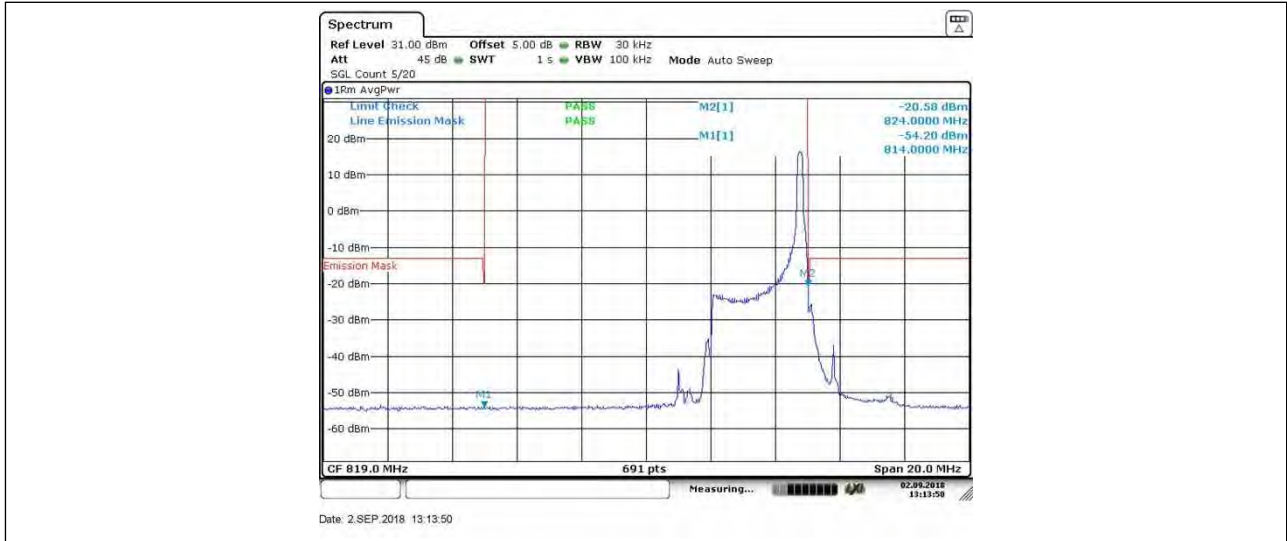
BAND 26_3MHz_QPSK_26705_1RB#0



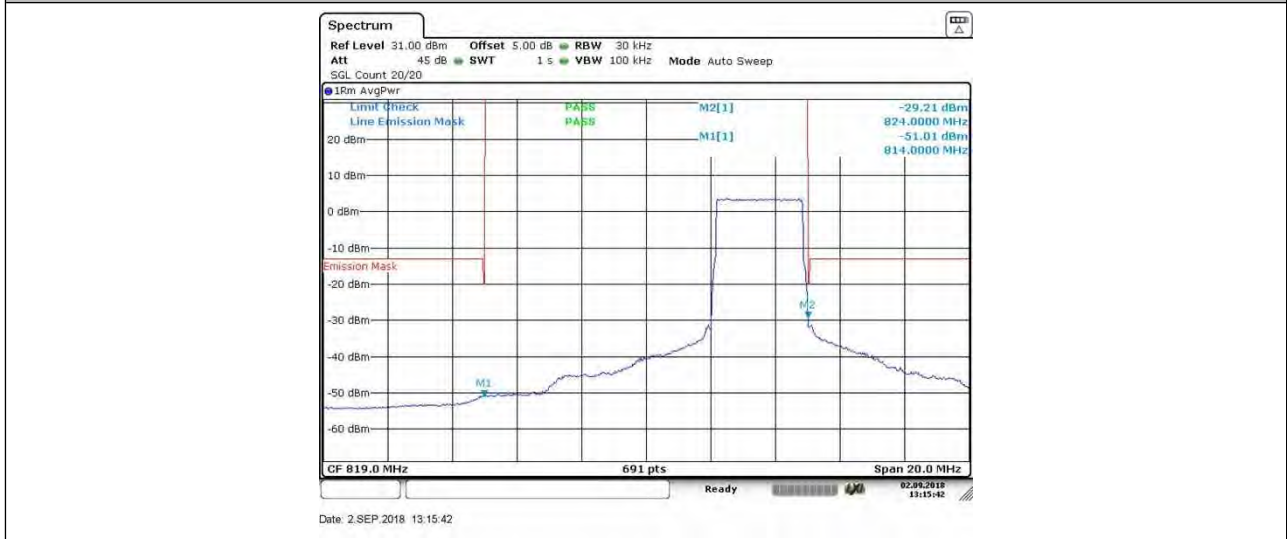
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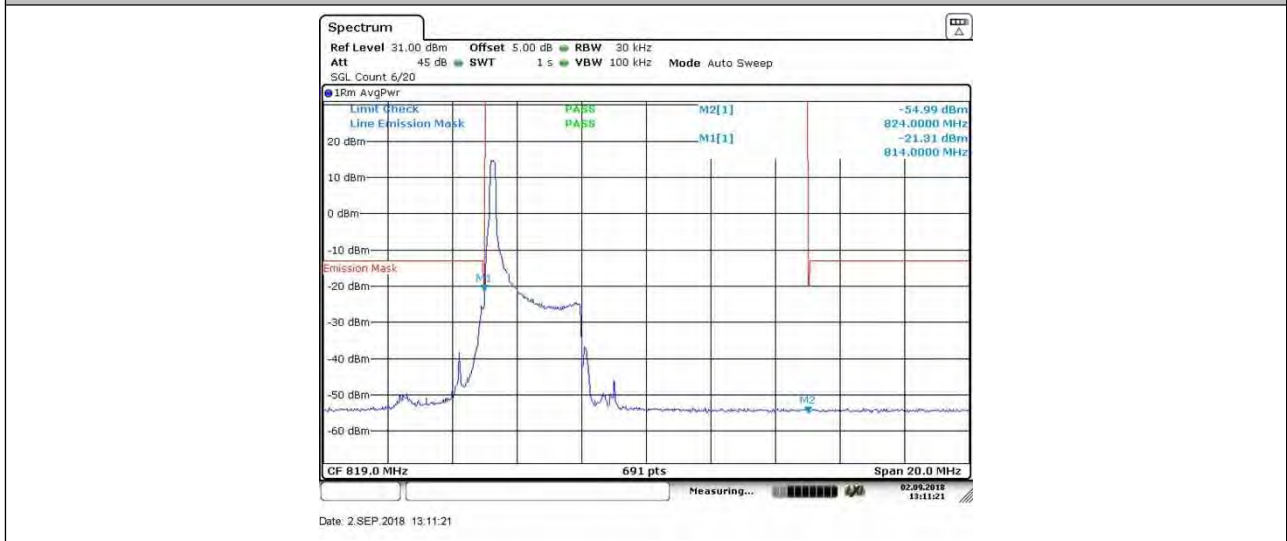
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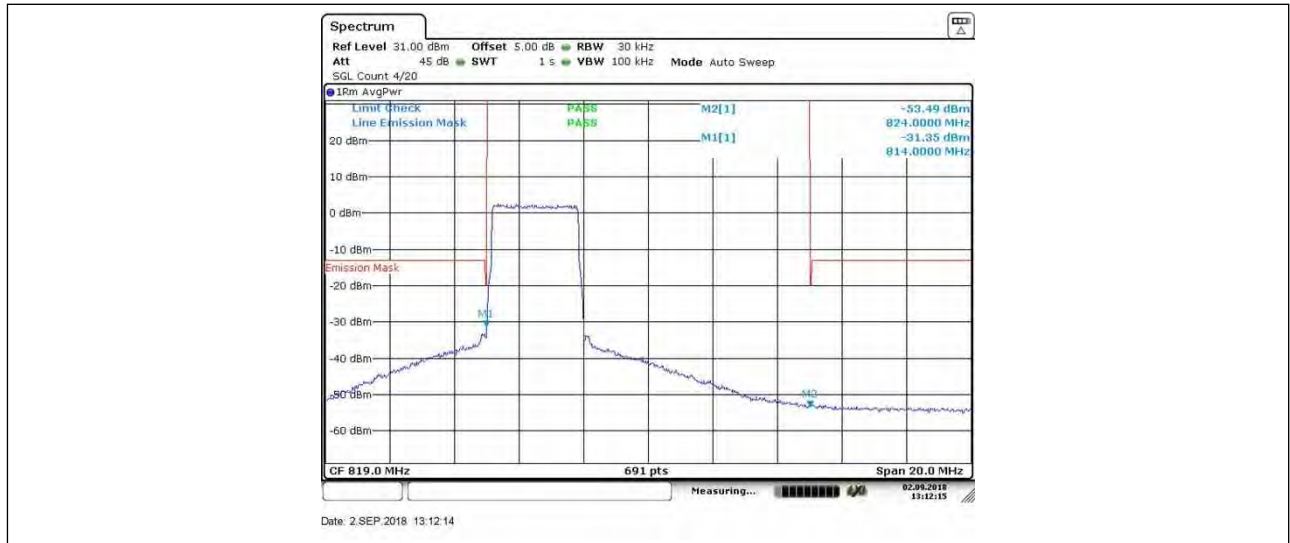
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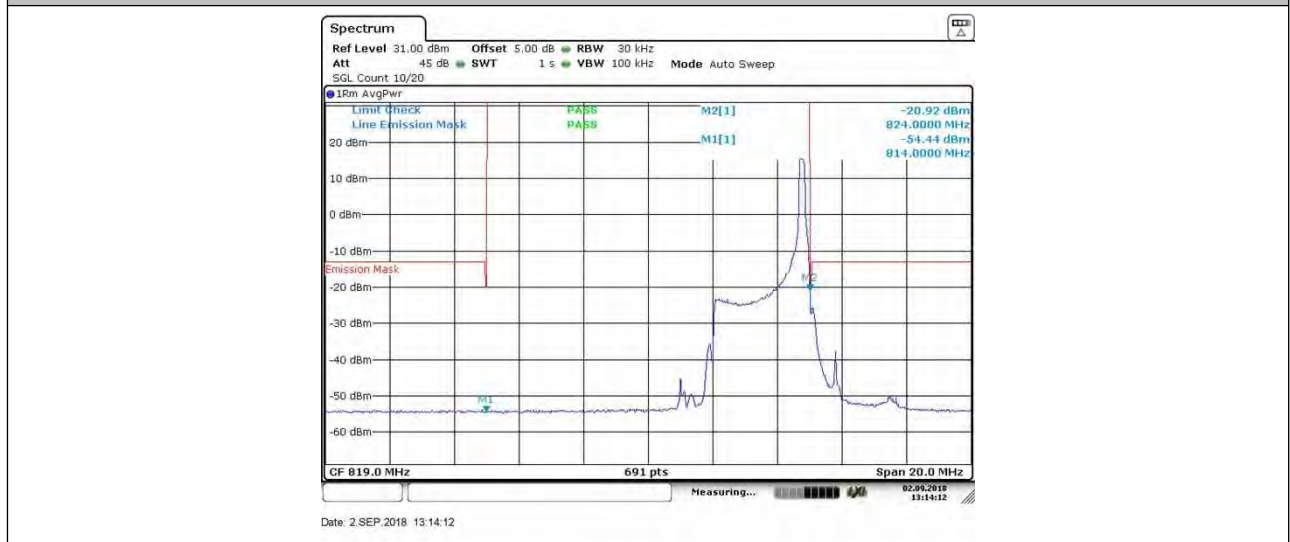
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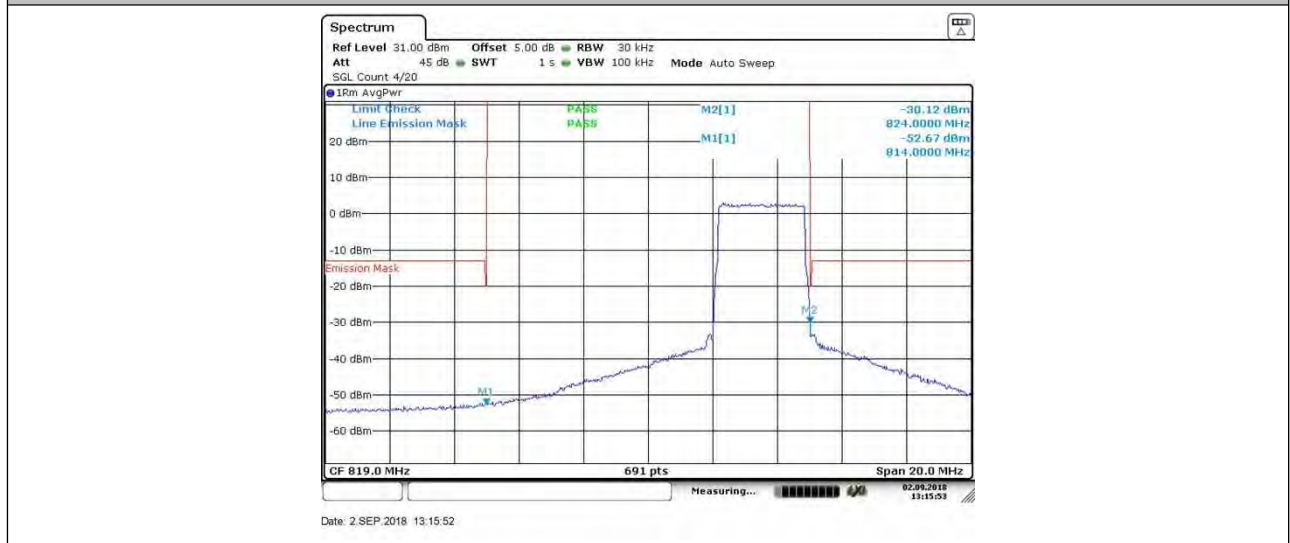
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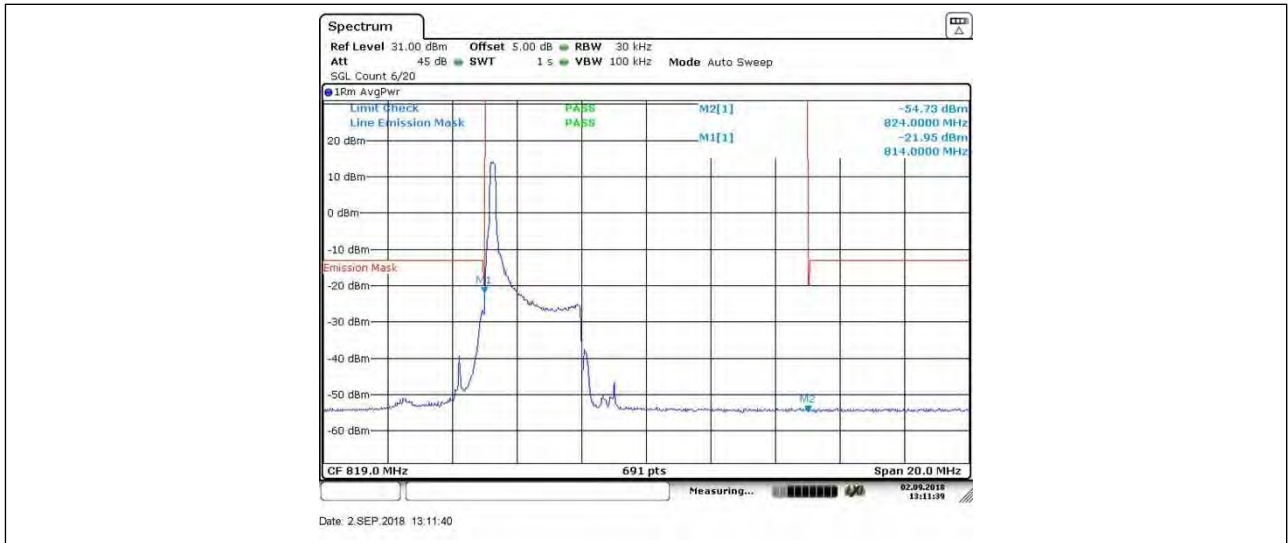
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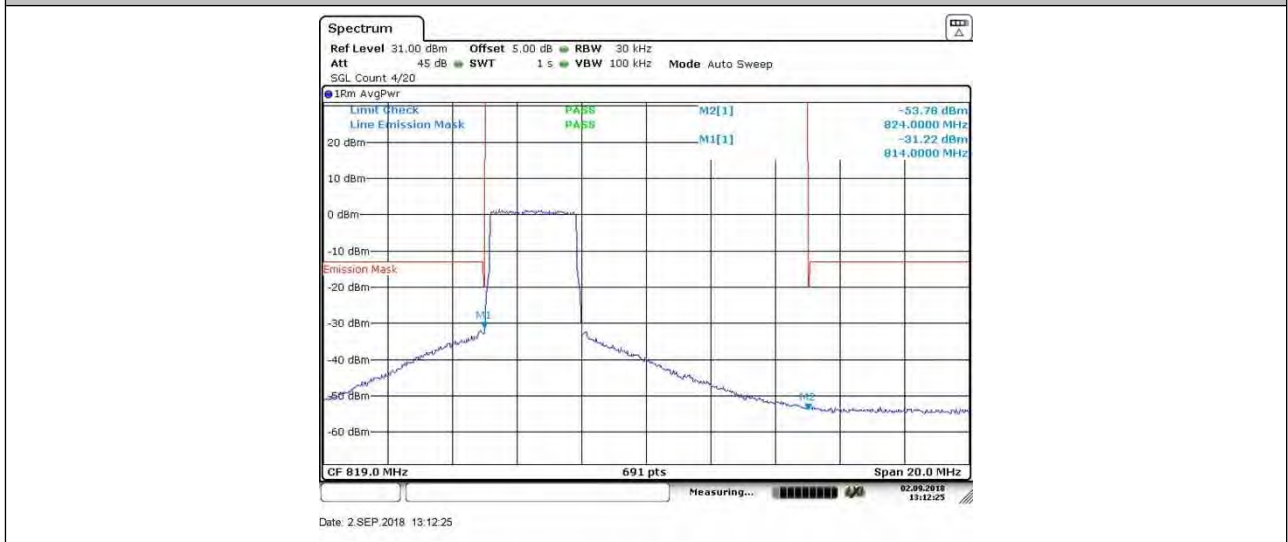
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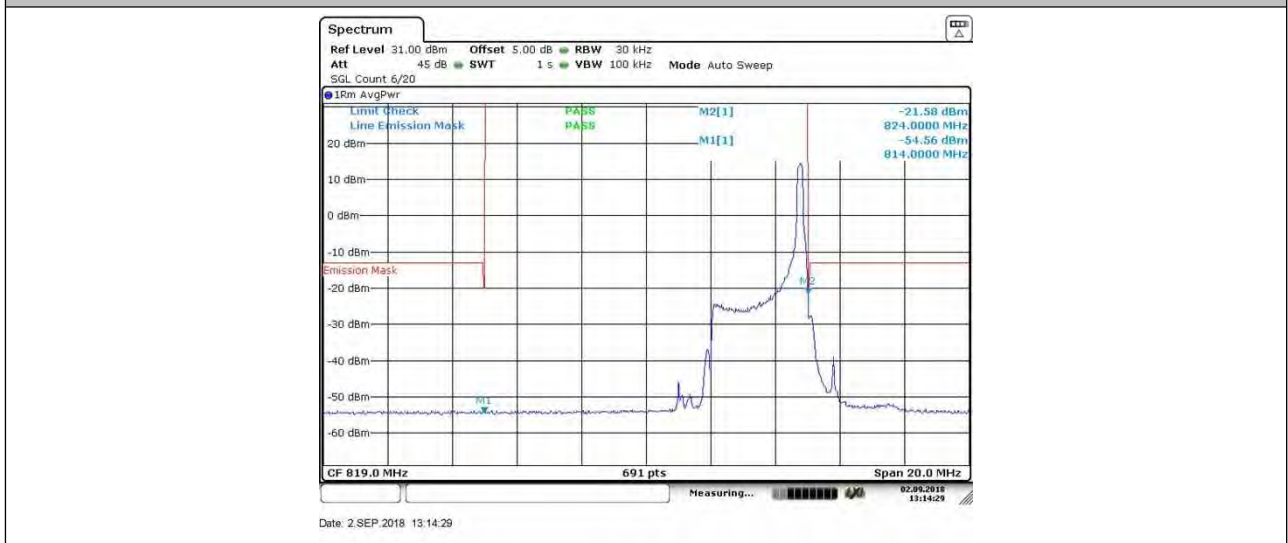
BAND 26_3MHz_64QAM_26705_1RB#0



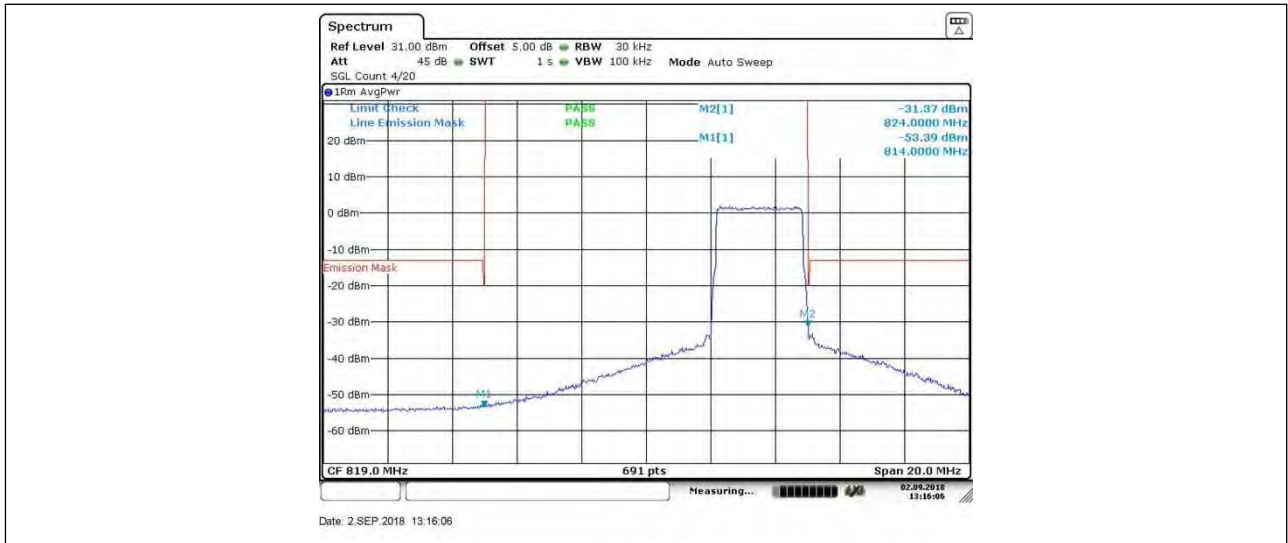
BAND 26_3MHz_64QAM_26705_15RB#0



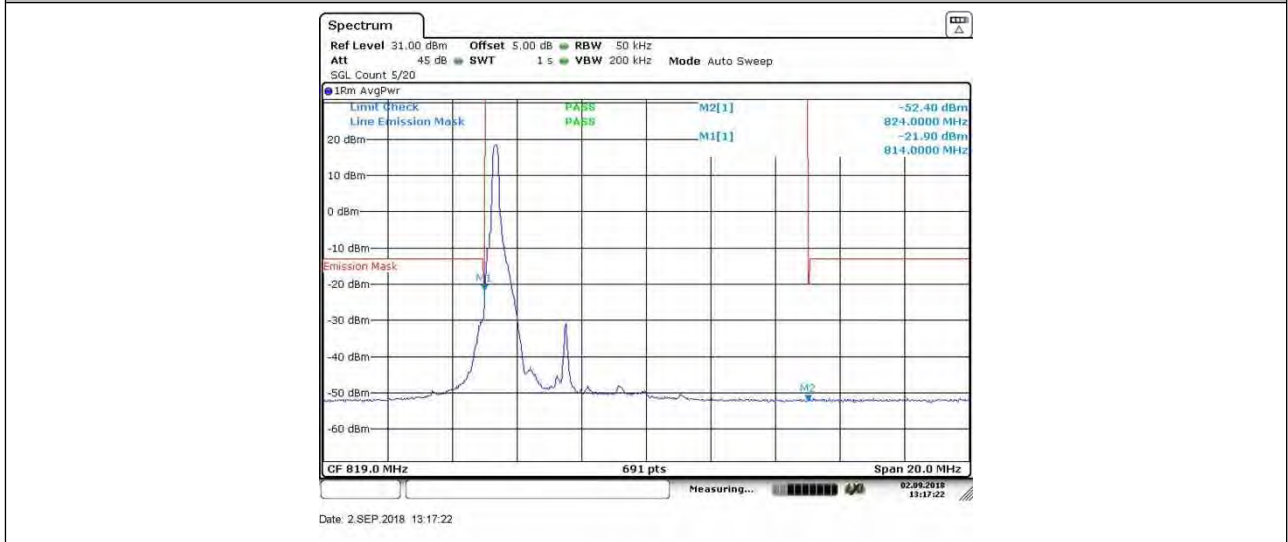
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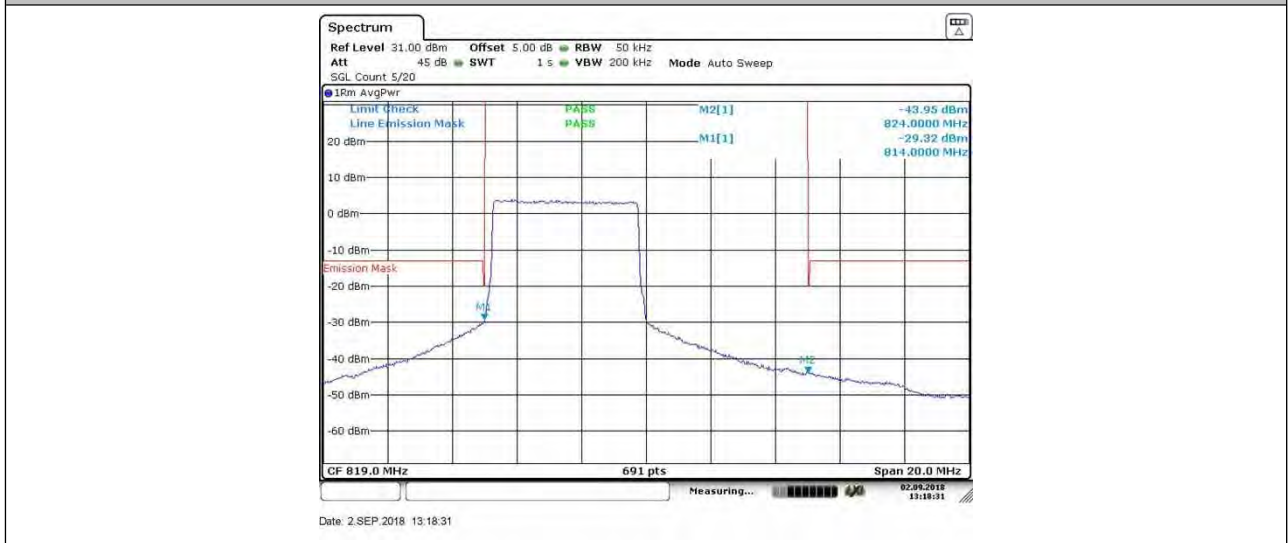
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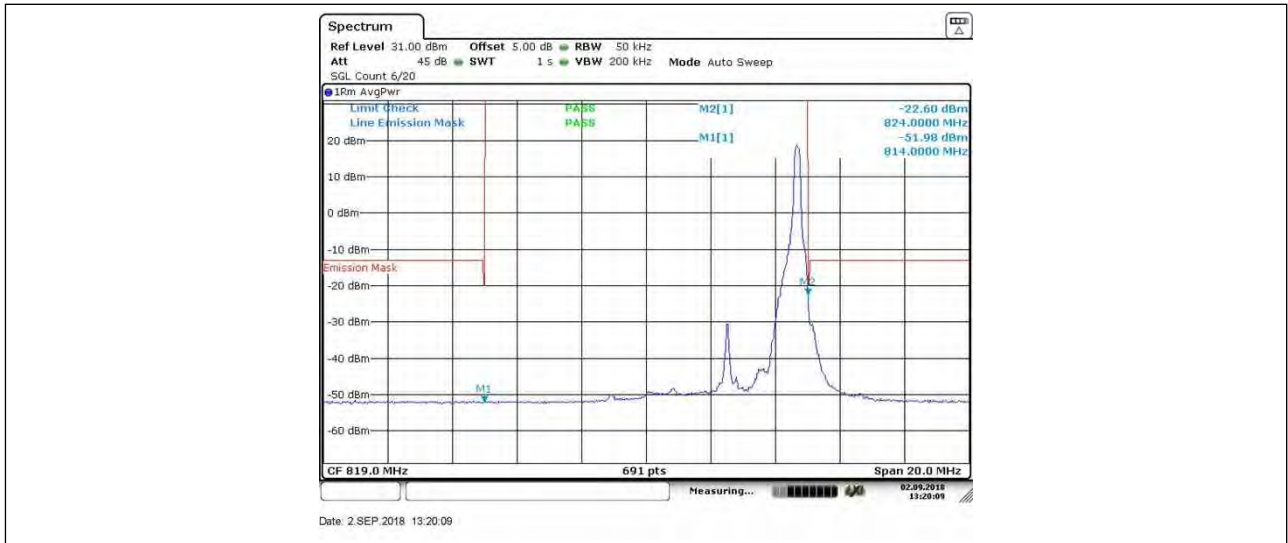
BAND 26_5MHz_QPSK_26715_1RB#0



BAND 26_5MHz_QPSK_26715_25RB#0



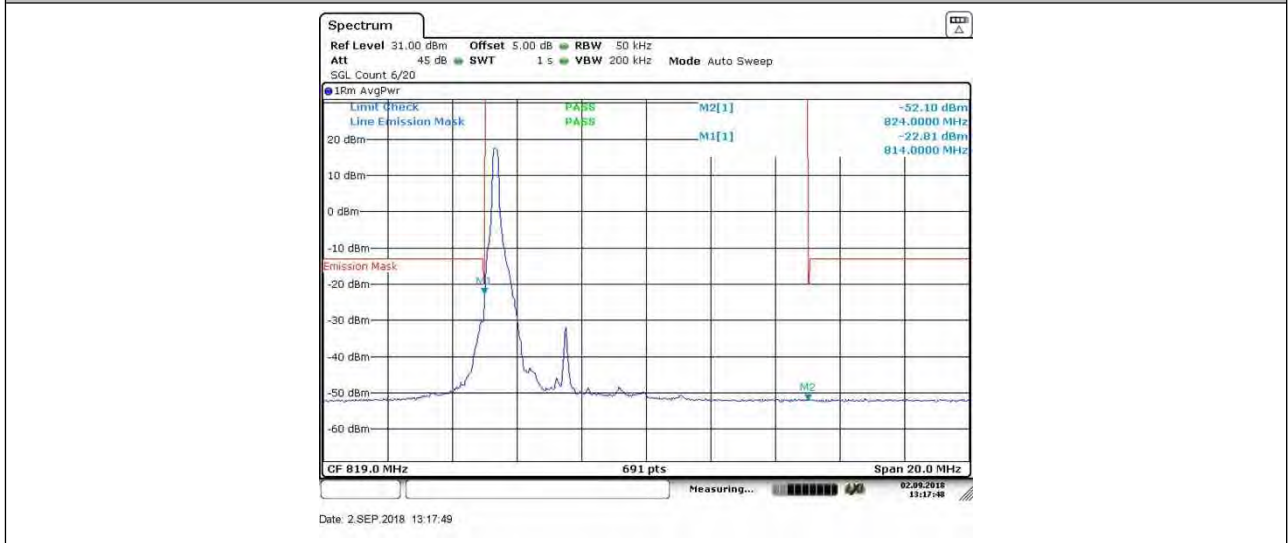
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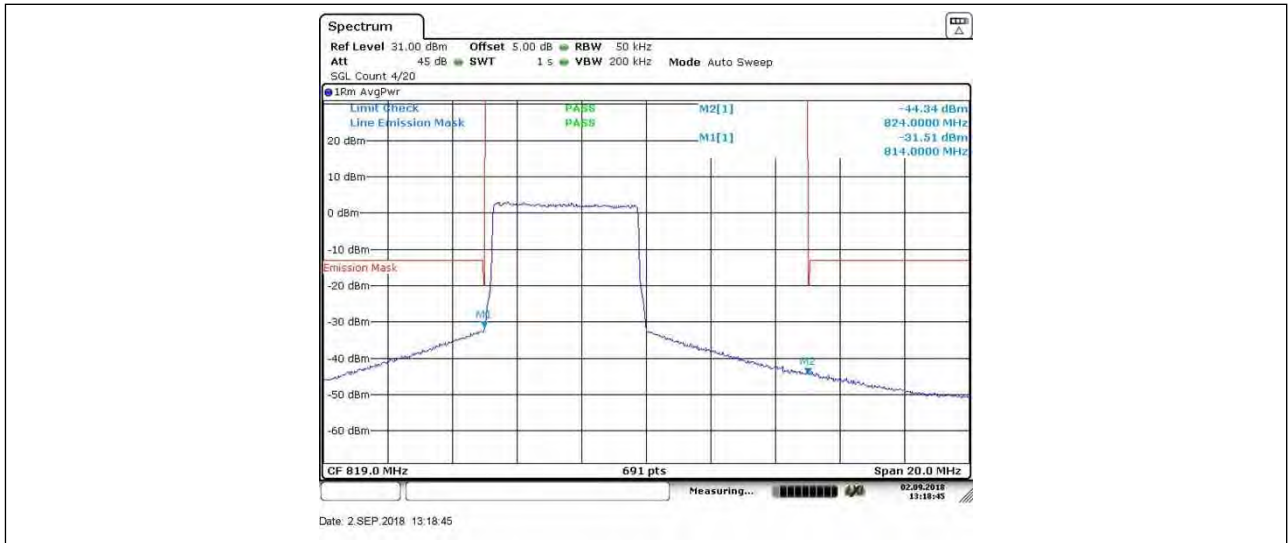
BAND 26_5MHz_QPSK_26765_25RB#0



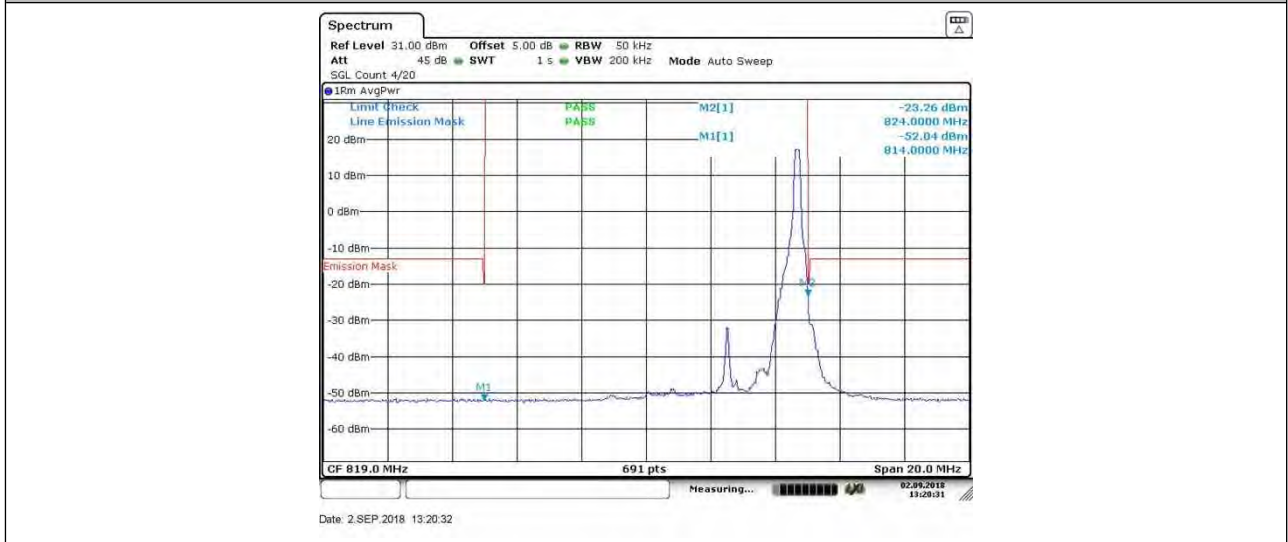
BAND 26_5MHz_16QAM_26715_1RB#0



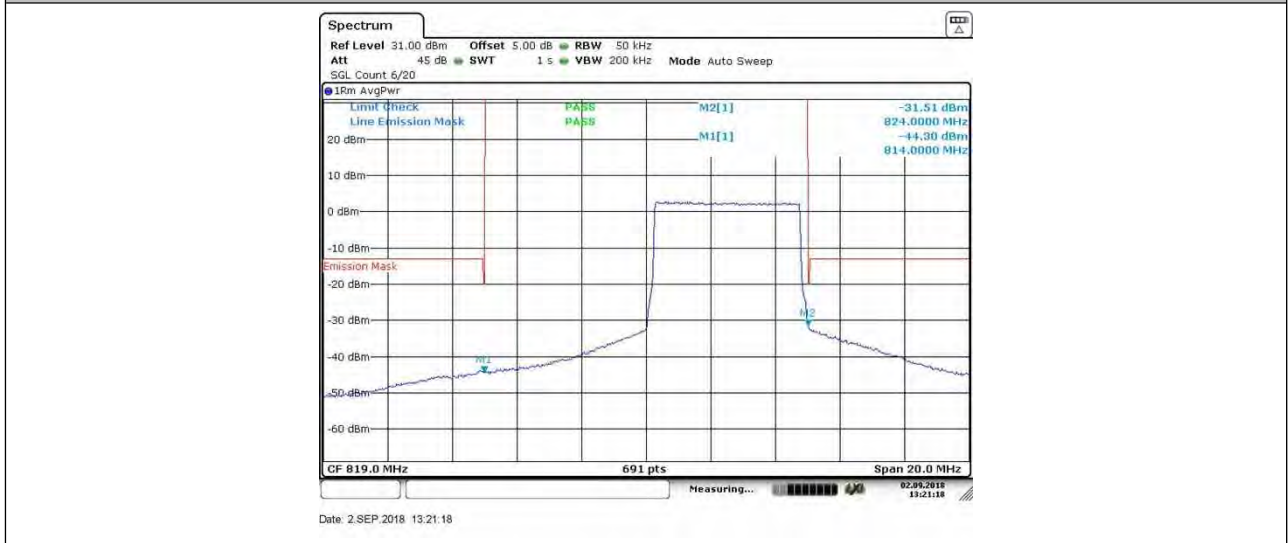
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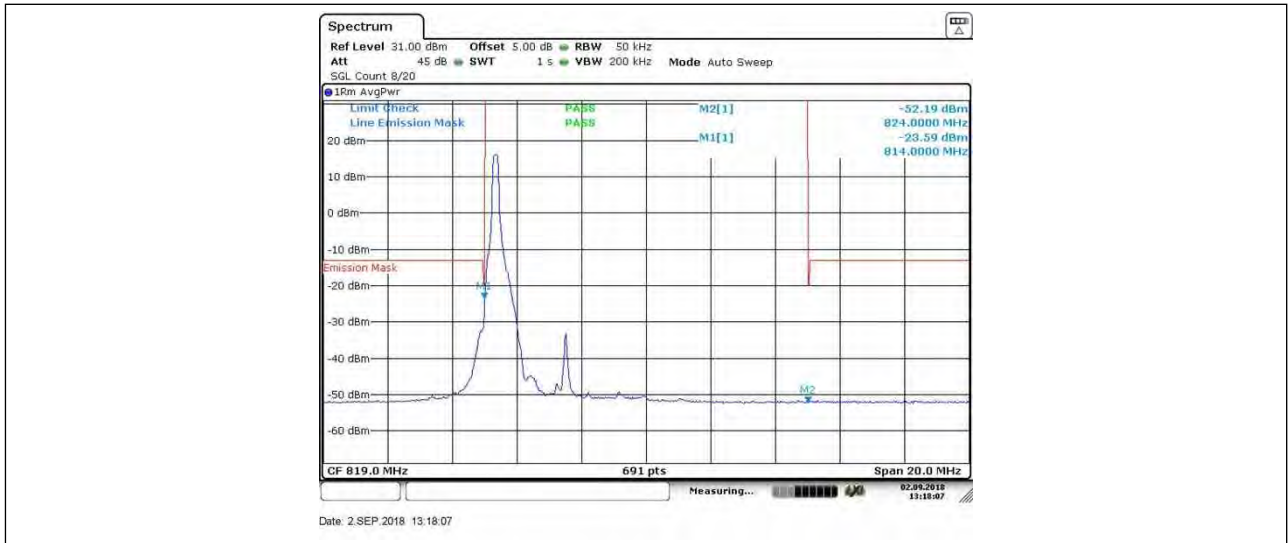
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BAND 26_5MHz_16QAM_26765_25RB#0



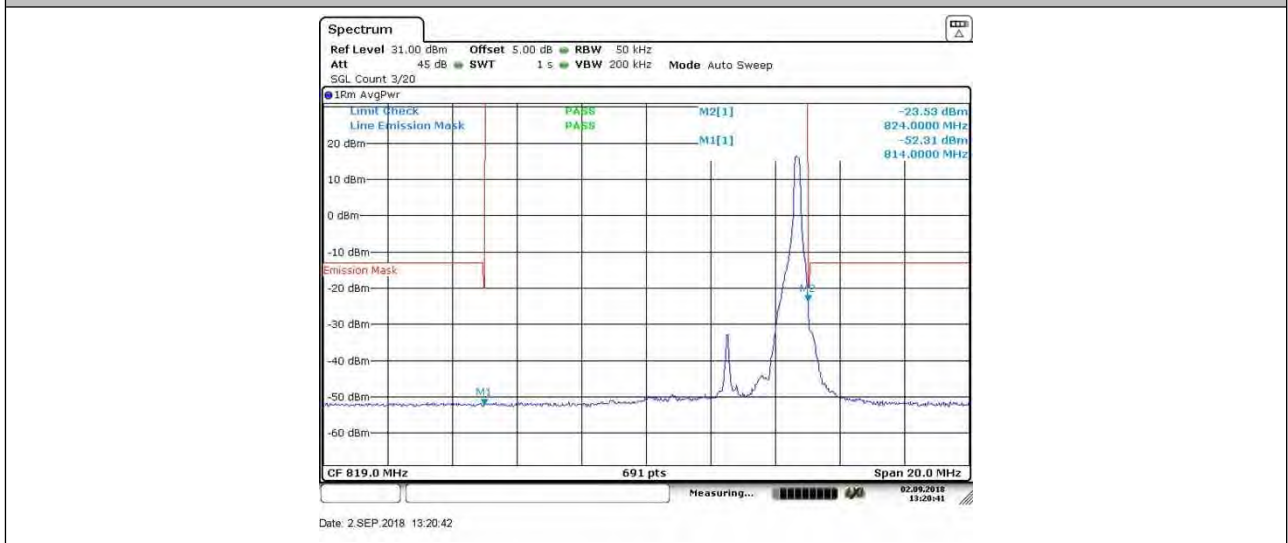
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BAND 26_5MHz_64QAM_26715_25RB#0



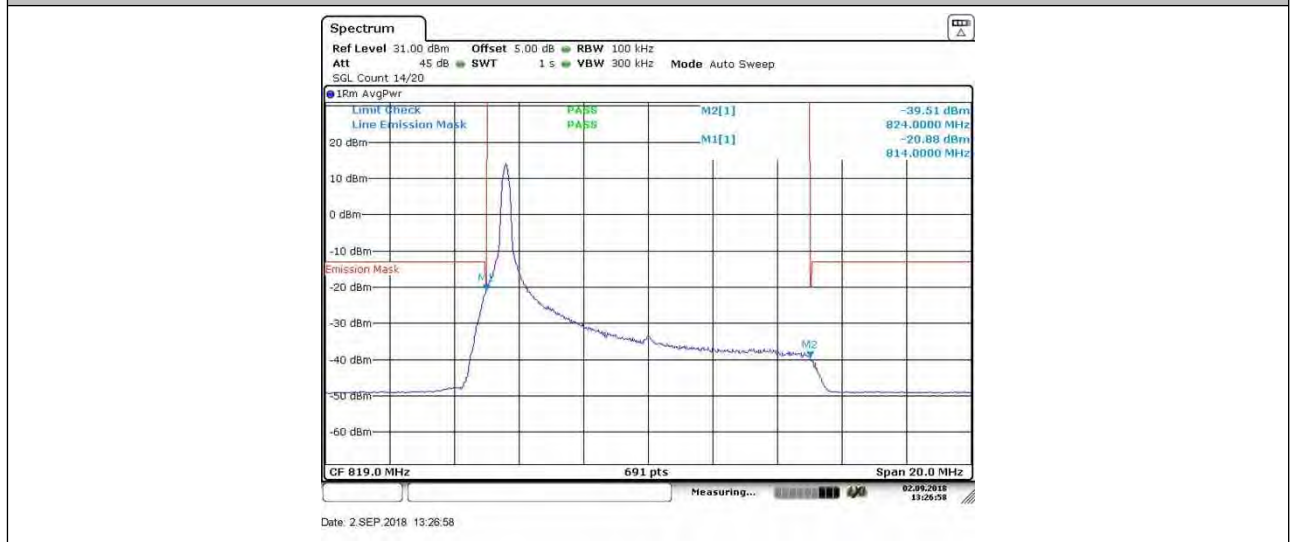
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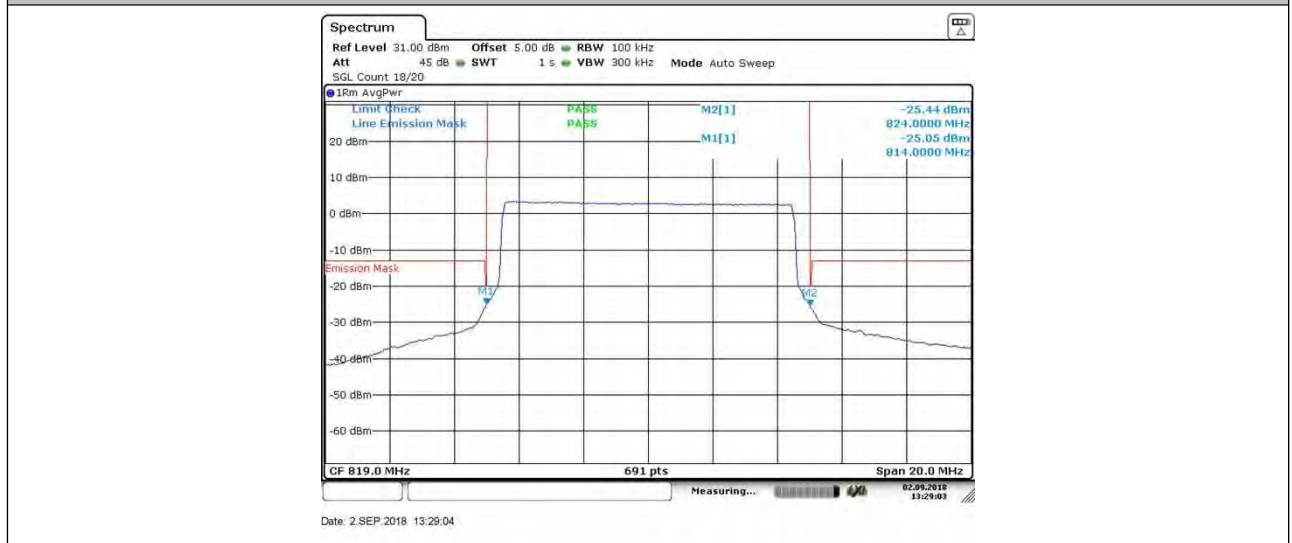
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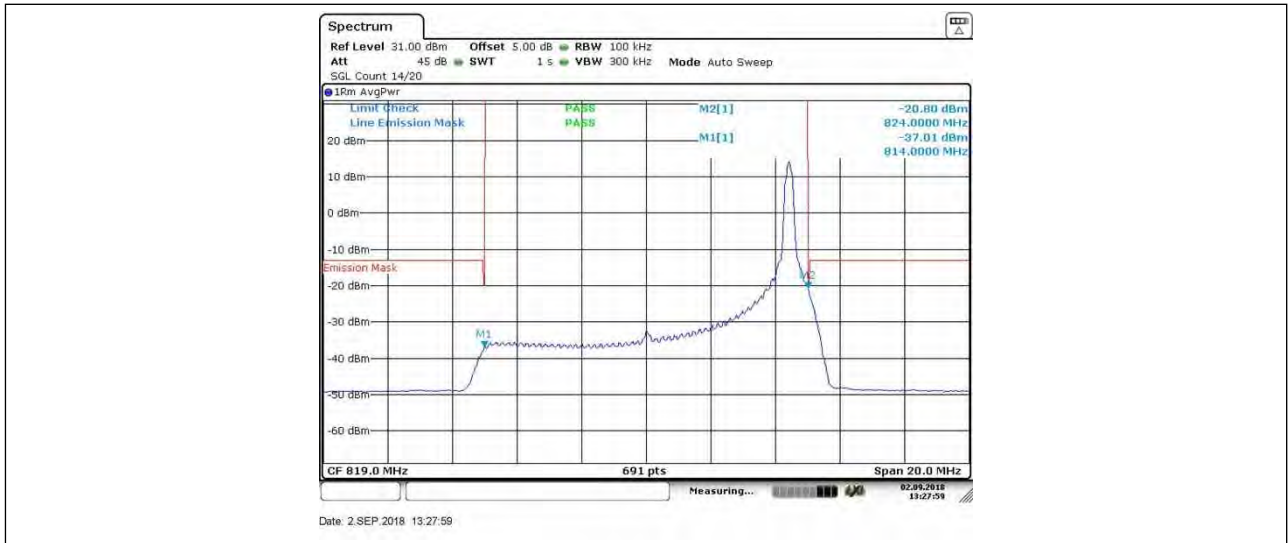
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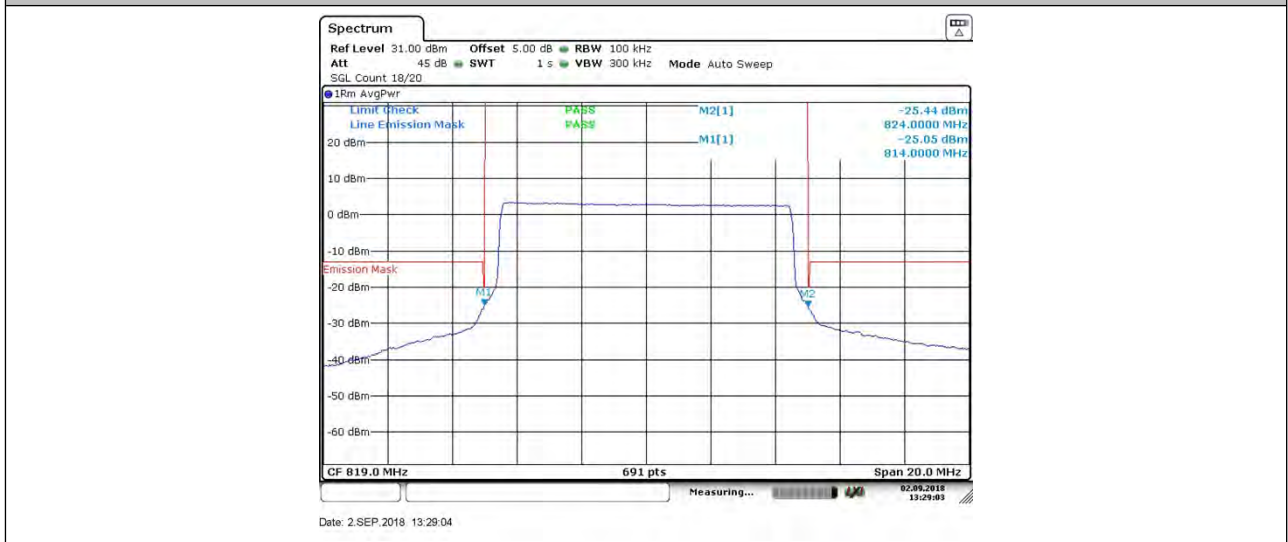
BAND 26_10MHz_QPSK_26740_50RB#0



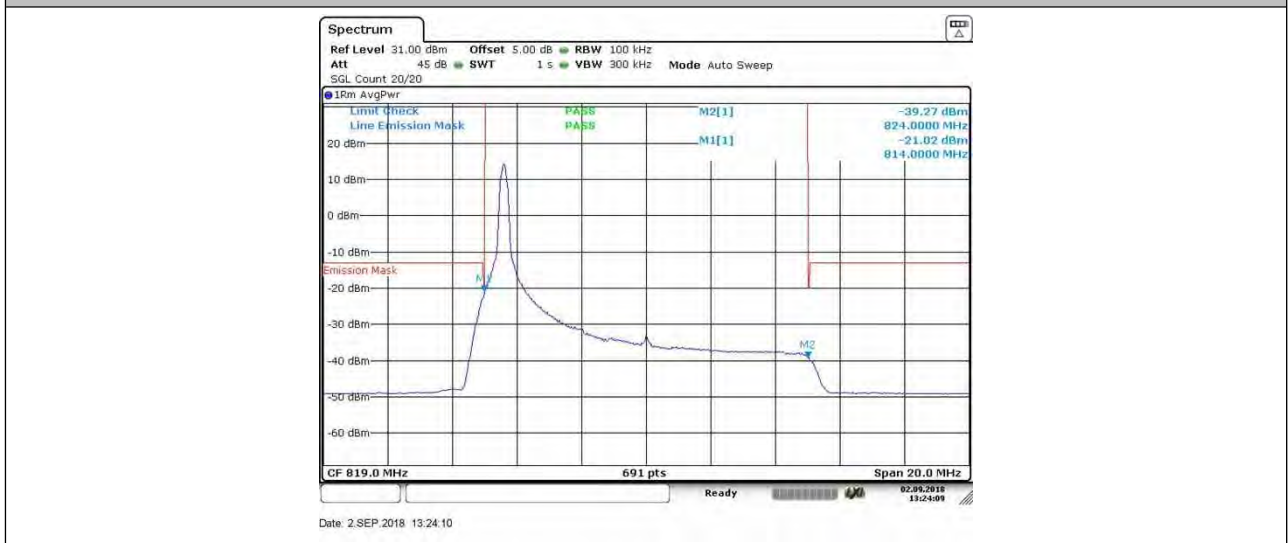
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BAND 26_10MHz_QPSK_26740_50RB#0



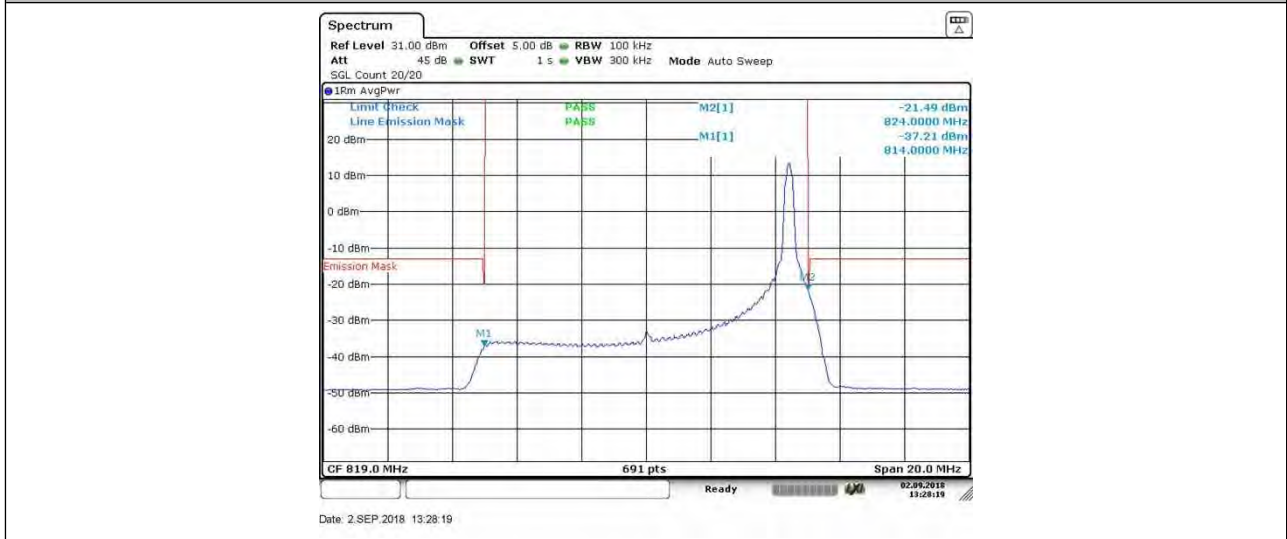
BAND 26_10MHz_16QAM_26740_1RB#0



BAND 26_10MHz_16QAM_26740_50RB#0



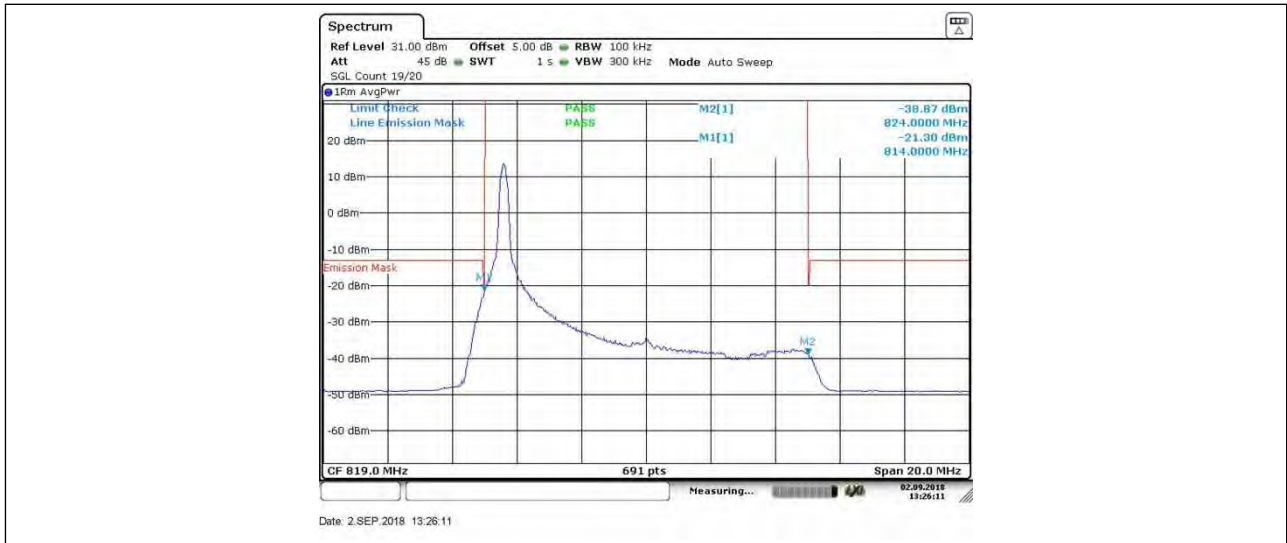
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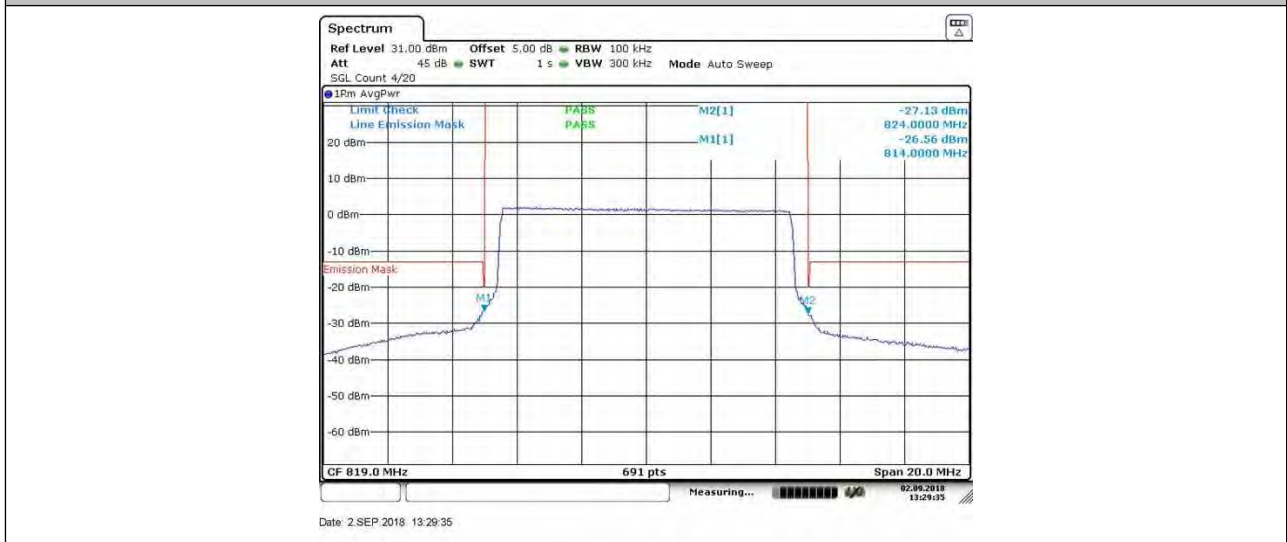
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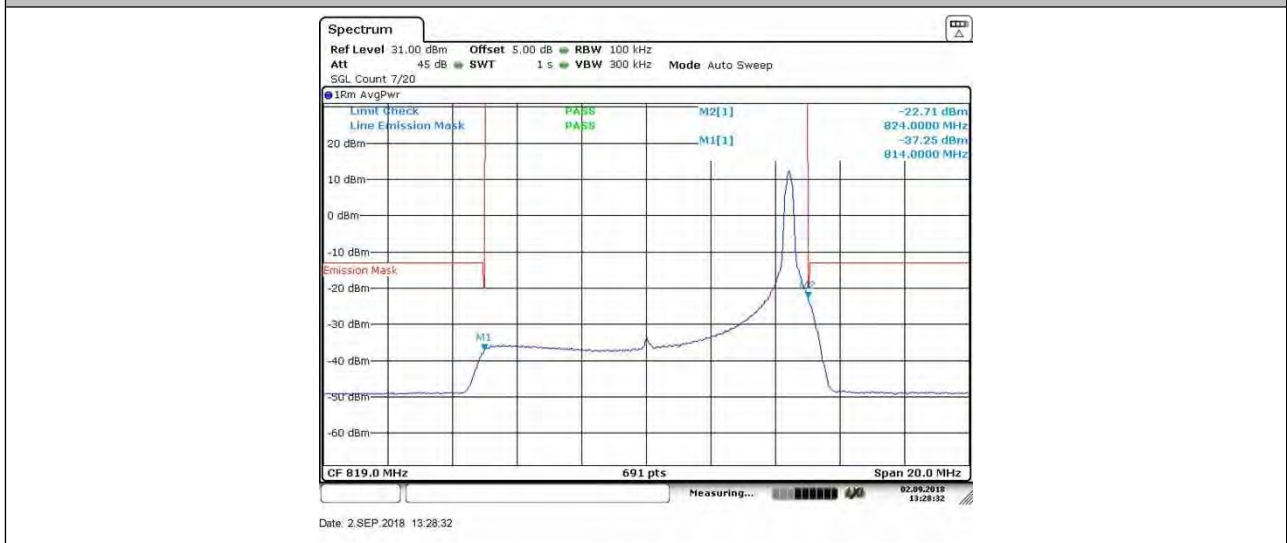
BAND 26_10MHz_64QAM_26740_1RB#0



BAND 26_10MHz_64QAM_26740_50RB#0



BAND 26_10MHz_64QAM_26740_1RB#49



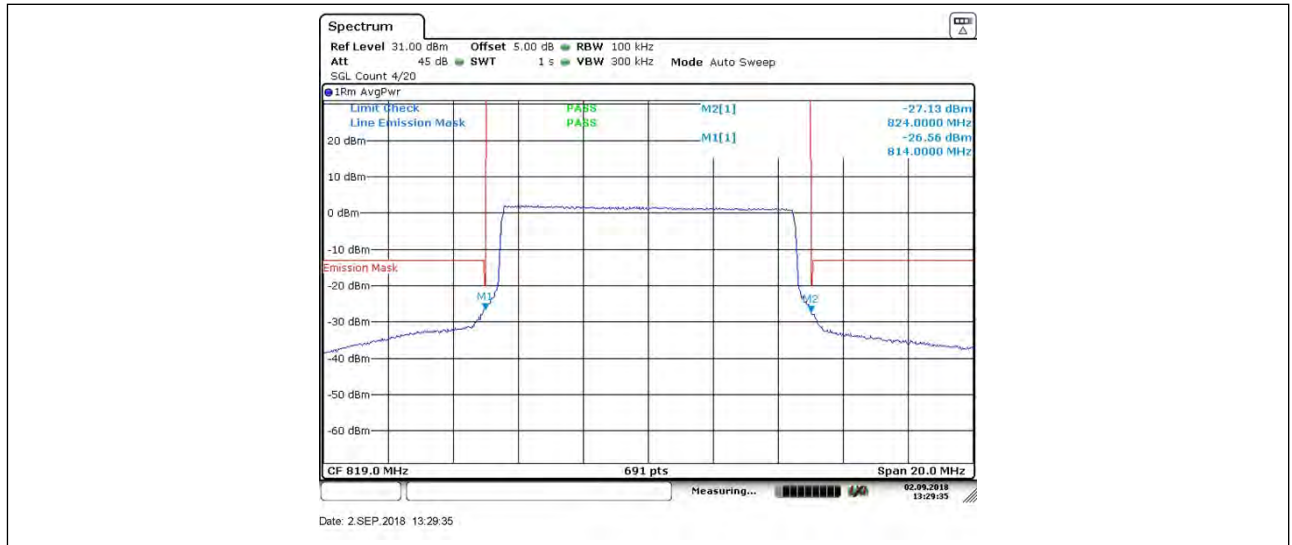
BAND 26_10MHz_64QAM_26740_50RB#0



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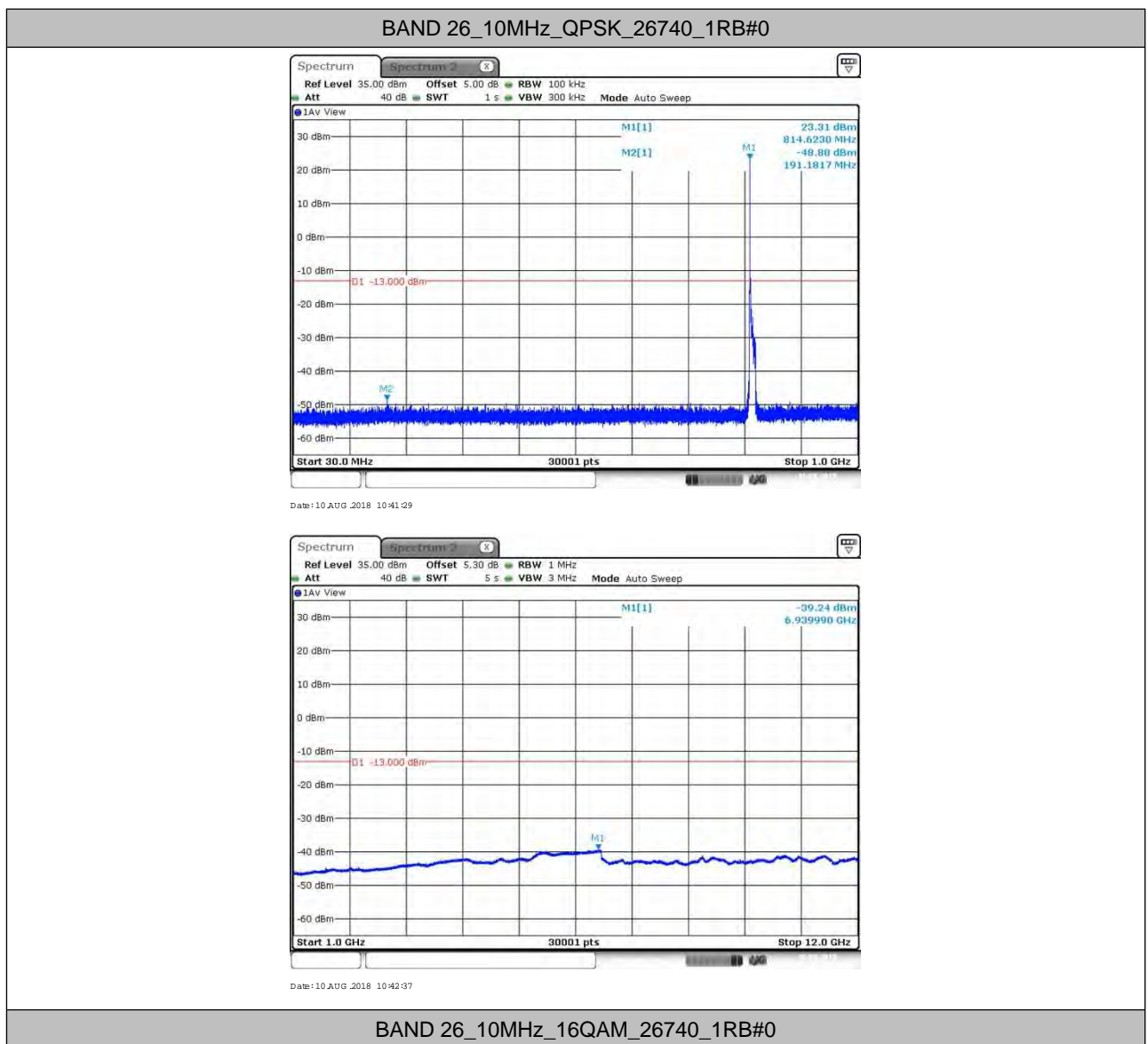


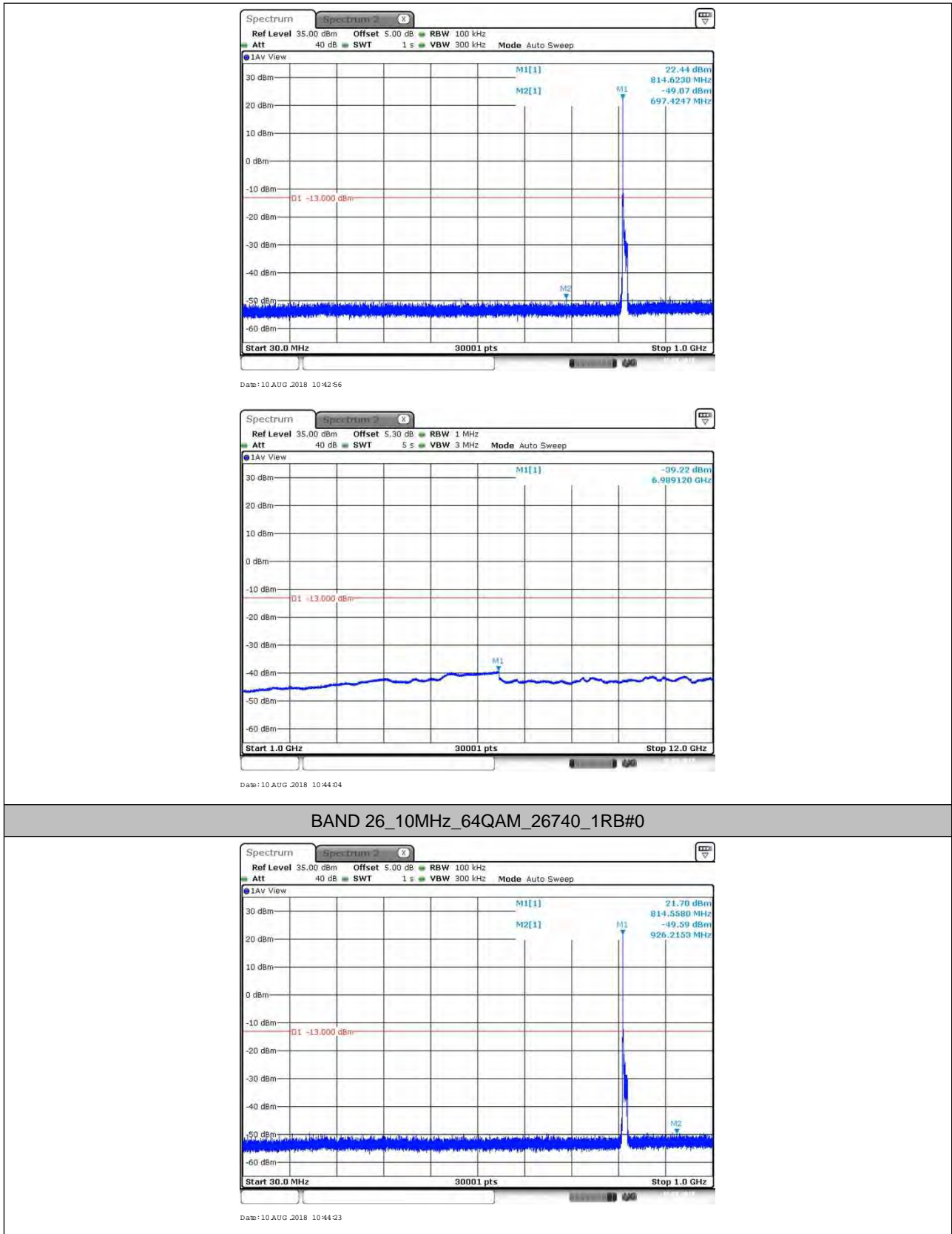
6. Spurious Emission at Antenna Terminal

NOTE1: 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.

NOTE2: only the worst case data displayed in this report.

6.1. Test Plots



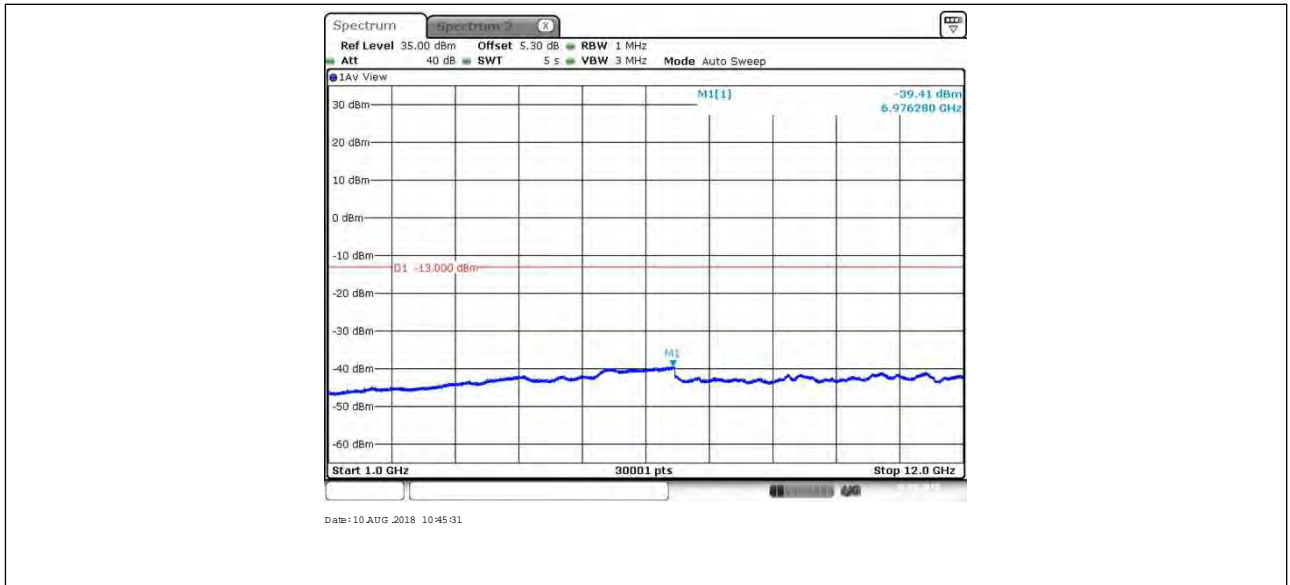




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7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE BAND 26

7.1.1. Test Mode = LTE/TM1 10MHz RB1#0

7.1.1.1. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.953333	-81.84	-13.00	68.84	Vertical
90.480000	-81.94	-13.00	68.94	Vertical
1629.000000	-65.49	-13.00	52.49	Vertical
2757.500000	-58.11	-13.00	45.11	Vertical
4423.987500	-66.49	-13.00	53.49	Vertical
7922.287500	-63.97	-13.00	50.97	Vertical
63.786667	-78.02	-13.00	65.02	Horizontal
104.293333	-85.87	-13.00	72.87	Horizontal
1629.000000	-65.51	-13.00	52.51	Horizontal
4272.375000	-67.08	-13.00	54.08	Horizontal
6039.562500	-65.54	-13.00	52.54	Horizontal
9453.525000	-64.26	-13.00	51.26	Horizontal

NOTE:

- 1) All modes are tested, but the data presented above is the worst case. the disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
- 2) We have tested all modulation and all Bandwidth, but only the worst case data presented in this report.



8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BAND26	10MHz	QPSK	26740	50RB#0	VL	NT	1.70	0.002076	±2.5	PASS
				50RB#0	VN	NT	3.20	0.003907	±2.5	PASS
				50RB#0	VH	NT	2.50	0.003053	±2.5	PASS
		16QAM	26740	50RB#0	VL	NT	1.80	0.002198	±2.5	PASS
				50RB#0	VN	NT	1.90	0.002320	±2.5	PASS
				50RB#0	VH	NT	3.20	0.003907	±2.5	PASS
		64QAM	26740	50RB#0	VL	NT	2.40	0.002930	±2.5	PASS
				50RB#0	VN	NT	1.70	0.002076	±2.5	PASS
				50RB#0	VH	NT	3.70	0.004518	±2.5	PASS

8.2. Frequency Vs Temperature

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	3.00	0.003663	±2.5	PASS
				50RB#0	NV	-20	1.60	0.001954	±2.5	PASS
				50RB#0	NV	0	3.60	0.004396	±2.5	PASS
				50RB#0	NV	10	2.30	0.002808	±2.5	PASS
				50RB#0	NV	20	3.60	0.004396	±2.5	PASS
		16QAM	26740	50RB#0	NV	-30	4.20	0.005128	±2.5	PASS
				50RB#0	NV	-20	1.90	0.002320	±2.5	PASS
				50RB#0	NV	0	2.00	0.002442	±2.5	PASS
				50RB#0	NV	10	3.60	0.004396	±2.5	PASS
				50RB#0	NV	20	1.00	0.001221	±2.5	PASS
		64QAM	26740	50RB#0	NV	-30	1.70	0.002076	±2.5	PASS
				50RB#0	NV	-20	2.30	0.002808	±2.5	PASS
				50RB#0	NV	0	3.10	0.003785	±2.5	PASS
				50RB#0	NV	10	1.80	0.002198	±2.5	PASS
				50RB#0	NV	20	0.60	0.000733	±2.5	PASS

The End