

# Appendix B

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



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# 1 Transmitter Conducted Power Output

## 1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	23.45	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	23.47	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	23.46	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	23.51	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	23.47	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	23.49	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	22.45	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	23.49	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	23.48	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	23.49	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	23.53	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	23.55	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	23.52	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	22.52	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	23.47	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	23.49	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	23.45	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	23.50	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	23.51	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	23.52	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	22.49	PASS
Band26	1.4MHz	64QAM	26697	1RB#5	21.55	PASS
Band26	1.4MHz	64QAM	26697	1RB#0	21.50	PASS
Band26	1.4MHz	64QAM	26697	1RB#2	21.58	PASS
Band26	1.4MHz	64QAM	26697	3RB#0	21.52	PASS
Band26	1.4MHz	64QAM	26697	3RB#1	21.56	PASS
Band26	1.4MHz	64QAM	26697	3RB#3	21.52	PASS



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Band26	1.4MHz	64QAM	26697	6RB#0	20.39	PASS
Band26	1.4MHz	64QAM	26740	1RB#2	21.58	PASS
Band26	1.4MHz	64QAM	26740	1RB#0	21.56	PASS
Band26	1.4MHz	64QAM	26740	1RB#5	21.54	PASS
Band26	1.4MHz	64QAM	26740	3RB#1	21.59	PASS
Band26	1.4MHz	64QAM	26740	3RB#3	21.58	PASS
Band26	1.4MHz	64QAM	26740	3RB#0	21.59	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	20.49	PASS
Band26	1.4MHz	64QAM	26783	1RB#5	21.53	PASS
Band26	1.4MHz	64QAM	26783	1RB#2	21.54	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	21.55	PASS
Band26	1.4MHz	64QAM	26783	3RB#3	21.54	PASS
Band26	1.4MHz	64QAM	26783	3RB#1	21.58	PASS
Band26	1.4MHz	64QAM	26783	3RB#0	21.57	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	20.43	PASS
Band26	1.4MHz	256QAM	26697	1RB#5	18.77	PASS
Band26	1.4MHz	256QAM	26697	1RB#0	18.68	PASS
Band26	1.4MHz	256QAM	26697	1RB#2	18.69	PASS
Band26	1.4MHz	256QAM	26697	3RB#0	18.57	PASS
Band26	1.4MHz	256QAM	26697	3RB#1	18.62	PASS
Band26	1.4MHz	256QAM	26697	3RB#3	18.60	PASS
Band26	1.4MHz	256QAM	26697	6RB#0	18.54	PASS
Band26	1.4MHz	256QAM	26740	1RB#0	18.77	PASS
Band26	1.4MHz	256QAM	26740	1RB#2	18.73	PASS
Band26	1.4MHz	256QAM	26740	1RB#5	18.77	PASS
Band26	1.4MHz	256QAM	26740	3RB#3	18.64	PASS
Band26	1.4MHz	256QAM	26740	3RB#0	18.68	PASS
Band26	1.4MHz	256QAM	26740	3RB#1	18.65	PASS
Band26	1.4MHz	256QAM	26740	6RB#0	18.59	PASS
Band26	1.4MHz	256QAM	26783	1RB#0	18.69	PASS
Band26	1.4MHz	256QAM	26783	1RB#2	18.70	PASS
Band26	1.4MHz	256QAM	26783	1RB#5	18.64	PASS
Band26	1.4MHz	256QAM	26783	3RB#0	18.60	PASS



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Band26	1.4MHz	256QAM	26783	3RB#1	18.59	PASS
Band26	1.4MHz	256QAM	26783	3RB#3	18.58	PASS
Band26	1.4MHz	256QAM	26783	6RB#0	18.54	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	22.74	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	22.65	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	22.79	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	22.60	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	22.55	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	22.50	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	21.48	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	22.83	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	22.81	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	22.77	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	22.60	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	22.64	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	22.58	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	21.53	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	22.72	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	22.68	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	22.69	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	22.54	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	22.58	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	22.54	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	21.52	PASS
Band26	3MHz	QPSK	26705	1RB#0	23.46	PASS
Band26	3MHz	QPSK	26705	1RB#14	23.47	PASS
Band26	3MHz	QPSK	26705	1RB#8	23.46	PASS
Band26	3MHz	QPSK	26705	8RB#7	22.42	PASS
Band26	3MHz	QPSK	26705	8RB#4	22.47	PASS
Band26	3MHz	QPSK	26705	8RB#0	22.47	PASS
Band26	3MHz	QPSK	26705	15RB#0	22.49	PASS
Band26	3MHz	QPSK	26740	1RB#0	23.48	PASS
Band26	3MHz	QPSK	26740	1RB#14	23.49	PASS



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Band26	3MHz	QPSK	26740	1RB#8	23.48	PASS
Band26	3MHz	QPSK	26740	8RB#7	22.51	PASS
Band26	3MHz	QPSK	26740	8RB#4	22.55	PASS
Band26	3MHz	QPSK	26740	8RB#0	22.48	PASS
Band26	3MHz	QPSK	26740	15RB#0	22.51	PASS
Band26	3MHz	QPSK	26775	1RB#8	23.47	PASS
Band26	3MHz	QPSK	26775	1RB#0	23.49	PASS
Band26	3MHz	QPSK	26775	1RB#14	23.45	PASS
Band26	3MHz	QPSK	26775	8RB#7	22.40	PASS
Band26	3MHz	QPSK	26775	8RB#0	22.47	PASS
Band26	3MHz	QPSK	26775	8RB#4	22.47	PASS
Band26	3MHz	QPSK	26775	15RB#0	22.46	PASS
Band26	3MHz	64QAM	26705	1RB#0	21.55	PASS
Band26	3MHz	64QAM	26705	1RB#8	21.52	PASS
Band26	3MHz	64QAM	26705	1RB#14	21.55	PASS
Band26	3MHz	64QAM	26705	8RB#7	20.44	PASS
Band26	3MHz	64QAM	26705	8RB#0	20.44	PASS
Band26	3MHz	64QAM	26705	8RB#4	20.44	PASS
Band26	3MHz	64QAM	26705	15RB#0	20.43	PASS
Band26	3MHz	64QAM	26740	1RB#0	21.55	PASS
Band26	3MHz	64QAM	26740	1RB#8	21.61	PASS
Band26	3MHz	64QAM	26740	1RB#14	21.57	PASS
Band26	3MHz	64QAM	26740	8RB#0	20.46	PASS
Band26	3MHz	64QAM	26740	8RB#4	20.47	PASS
Band26	3MHz	64QAM	26740	8RB#7	20.47	PASS
Band26	3MHz	64QAM	26740	15RB#0	20.47	PASS
Band26	3MHz	64QAM	26775	1RB#8	21.54	PASS
Band26	3MHz	64QAM	26775	1RB#14	21.52	PASS
Band26	3MHz	64QAM	26775	1RB#0	21.60	PASS
Band26	3MHz	64QAM	26775	8RB#7	20.42	PASS
Band26	3MHz	64QAM	26775	8RB#4	20.39	PASS
Band26	3MHz	64QAM	26775	8RB#0	20.42	PASS
Band26	3MHz	64QAM	26775	15RB#0	20.38	PASS



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Band26	3MHz	256QAM	26705	1RB#8	18.68	PASS
Band26	3MHz	256QAM	26705	1RB#14	18.79	PASS
Band26	3MHz	256QAM	26705	8RB#4	18.57	PASS
Band26	3MHz	256QAM	26705	8RB#7	18.56	PASS
Band26	3MHz	256QAM	26705	8RB#0	18.56	PASS
Band26	3MHz	256QAM	26705	15RB#0	18.56	PASS
Band26	3MHz	256QAM	26740	1RB#0	18.78	PASS
Band26	3MHz	256QAM	26740	1RB#8	18.76	PASS
Band26	3MHz	256QAM	26740	1RB#14	18.78	PASS
Band26	3MHz	256QAM	26740	8RB#0	18.61	PASS
Band26	3MHz	256QAM	26740	8RB#4	18.58	PASS
Band26	3MHz	256QAM	26740	8RB#7	18.60	PASS
Band26	3MHz	256QAM	26740	15RB#0	18.58	PASS
Band26	3MHz	256QAM	26775	1RB#14	18.64	PASS
Band26	3MHz	256QAM	26775	1RB#0	18.78	PASS
Band26	3MHz	256QAM	26775	1RB#8	18.67	PASS
Band26	3MHz	256QAM	26775	8RB#0	18.54	PASS
Band26	3MHz	256QAM	26775	8RB#7	18.54	PASS
Band26	3MHz	256QAM	26775	8RB#4	18.54	PASS
Band26	3MHz	256QAM	26775	15RB#0	18.53	PASS
Band26	3MHz	16QAM	26705	1RB#0	22.67	PASS
Band26	3MHz	16QAM	26705	1RB#14	22.67	PASS
Band26	3MHz	16QAM	26705	1RB#8	22.74	PASS
Band26	3MHz	16QAM	26705	8RB#0	21.49	PASS
Band26	3MHz	16QAM	26705	8RB#7	21.51	PASS
Band26	3MHz	16QAM	26705	8RB#4	21.47	PASS
Band26	3MHz	16QAM	26705	15RB#0	21.46	PASS
Band26	3MHz	16QAM	26740	1RB#8	22.79	PASS
Band26	3MHz	16QAM	26740	1RB#14	22.71	PASS
Band26	3MHz	16QAM	26740	1RB#0	22.76	PASS
Band26	3MHz	16QAM	26740	8RB#0	21.55	PASS
Band26	3MHz	16QAM	26740	8RB#4	21.52	PASS



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Band26	3MHz	16QAM	26740	15RB#0	21.50	PASS
Band26	3MHz	16QAM	26775	1RB#8	22.66	PASS
Band26	3MHz	16QAM	26775	1RB#0	22.66	PASS
Band26	3MHz	16QAM	26775	1RB#14	22.73	PASS
Band26	3MHz	16QAM	26775	8RB#0	21.51	PASS
Band26	3MHz	16QAM	26775	8RB#4	21.46	PASS
Band26	3MHz	16QAM	26775	8RB#7	21.49	PASS
Band26	3MHz	16QAM	26775	15RB#0	21.42	PASS
Band26	5MHz	QPSK	26715	1RB#24	23.55	PASS
Band26	5MHz	QPSK	26715	1RB#0	23.48	PASS
Band26	5MHz	QPSK	26715	1RB#12	23.55	PASS
Band26	5MHz	QPSK	26715	12RB#0	22.51	PASS
Band26	5MHz	QPSK	26715	12RB#6	22.53	PASS
Band26	5MHz	QPSK	26715	12RB#13	22.48	PASS
Band26	5MHz	QPSK	26715	25RB#0	22.54	PASS
Band26	5MHz	QPSK	26740	1RB#24	23.53	PASS
Band26	5MHz	QPSK	26740	1RB#12	23.58	PASS
Band26	5MHz	QPSK	26740	1RB#0	23.52	PASS
Band26	5MHz	QPSK	26740	12RB#0	22.52	PASS
Band26	5MHz	QPSK	26740	12RB#6	22.55	PASS
Band26	5MHz	QPSK	26740	12RB#13	22.46	PASS
Band26	5MHz	QPSK	26740	25RB#0	22.54	PASS
Band26	5MHz	QPSK	26765	1RB#24	23.48	PASS
Band26	5MHz	QPSK	26765	1RB#12	23.51	PASS
Band26	5MHz	QPSK	26765	1RB#0	23.54	PASS
Band26	5MHz	QPSK	26765	12RB#6	22.51	PASS
Band26	5MHz	QPSK	26765	12RB#0	22.47	PASS
Band26	5MHz	QPSK	26765	12RB#13	22.42	PASS
Band26	5MHz	QPSK	26765	25RB#0	22.51	PASS
Band26	5MHz	64QAM	26715	1RB#24	21.60	PASS
Band26	5MHz	64QAM	26715	1RB#0	21.56	PASS
Band26	5MHz	64QAM	26715	1RB#12	21.56	PASS



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Band26	5MHz	64QAM	26715	12RB#6	20.44	PASS
Band26	5MHz	64QAM	26715	12RB#0	20.50	PASS
Band26	5MHz	64QAM	26715	12RB#13	20.45	PASS
Band26	5MHz	64QAM	26715	25RB#0	20.52	PASS
Band26	5MHz	64QAM	26740	1RB#12	21.63	PASS
Band26	5MHz	64QAM	26740	1RB#24	21.63	PASS
Band26	5MHz	64QAM	26740	1RB#0	21.61	PASS
Band26	5MHz	64QAM	26740	12RB#0	20.52	PASS
Band26	5MHz	64QAM	26740	12RB#6	20.54	PASS
Band26	5MHz	64QAM	26740	12RB#13	20.48	PASS
Band26	5MHz	64QAM	26740	25RB#0	20.50	PASS
Band26	5MHz	64QAM	26765	1RB#0	21.64	PASS
Band26	5MHz	64QAM	26765	1RB#24	21.55	PASS
Band26	5MHz	64QAM	26765	1RB#12	21.54	PASS
Band26	5MHz	64QAM	26765	12RB#0	20.44	PASS
Band26	5MHz	64QAM	26765	12RB#13	20.46	PASS
Band26	5MHz	64QAM	26765	12RB#6	20.41	PASS
Band26	5MHz	64QAM	26765	25RB#0	20.51	PASS
Band26	5MHz	256QAM	26715	1RB#0	18.74	PASS
Band26	5MHz	256QAM	26715	1RB#24	18.81	PASS
Band26	5MHz	256QAM	26715	1RB#12	18.75	PASS
Band26	5MHz	256QAM	26715	12RB#6	18.59	PASS
Band26	5MHz	256QAM	26715	12RB#0	18.60	PASS
Band26	5MHz	256QAM	26715	12RB#13	18.52	PASS
Band26	5MHz	256QAM	26715	25RB#0	18.64	PASS
Band26	5MHz	256QAM	26740	1RB#0	18.74	PASS
Band26	5MHz	256QAM	26740	1RB#24	18.77	PASS
Band26	5MHz	256QAM	26740	1RB#12	18.74	PASS
Band26	5MHz	256QAM	26740	12RB#0	18.68	PASS
Band26	5MHz	256QAM	26740	12RB#6	18.63	PASS
Band26	5MHz	256QAM	26740	12RB#13	18.58	PASS
Band26	5MHz	256QAM	26740	25RB#0	18.62	PASS
Band26	5MHz	256QAM	26765	1RB#12	18.75	PASS



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Band26	5MHz	256QAM	26765	1RB#0	18.78	PASS
Band26	5MHz	256QAM	26765	1RB#24	18.67	PASS
Band26	5MHz	256QAM	26765	12RB#0	18.60	PASS
Band26	5MHz	256QAM	26765	12RB#6	18.53	PASS
Band26	5MHz	256QAM	26765	12RB#13	18.52	PASS
Band26	5MHz	256QAM	26765	25RB#0	18.63	PASS
Band26	5MHz	16QAM	26715	1RB#24	22.69	PASS
Band26	5MHz	16QAM	26715	1RB#0	22.66	PASS
Band26	5MHz	16QAM	26715	1RB#12	22.76	PASS
Band26	5MHz	16QAM	26715	12RB#0	21.57	PASS
Band26	5MHz	16QAM	26715	12RB#6	21.49	PASS
Band26	5MHz	16QAM	26715	12RB#13	21.43	PASS
Band26	5MHz	16QAM	26715	25RB#0	21.51	PASS
Band26	5MHz	16QAM	26740	1RB#12	22.82	PASS
Band26	5MHz	16QAM	26740	1RB#24	22.80	PASS
Band26	5MHz	16QAM	26740	1RB#0	22.71	PASS
Band26	5MHz	16QAM	26740	12RB#0	21.51	PASS
Band26	5MHz	16QAM	26740	12RB#6	21.54	PASS
Band26	5MHz	16QAM	26740	12RB#13	21.50	PASS
Band26	5MHz	16QAM	26740	25RB#0	21.54	PASS
Band26	5MHz	16QAM	26765	1RB#24	22.67	PASS
Band26	5MHz	16QAM	26765	1RB#0	22.78	PASS
Band26	5MHz	16QAM	26765	1RB#12	22.76	PASS
Band26	5MHz	16QAM	26765	12RB#13	21.43	PASS
Band26	5MHz	16QAM	26765	12RB#6	21.50	PASS
Band26	5MHz	16QAM	26765	12RB#0	21.51	PASS
Band26	5MHz	16QAM	26765	25RB#0	21.47	PASS
Band26	10MHz	QPSK	26740	1RB#0	23.49	PASS
Band26	10MHz	QPSK	26740	1RB#24	23.54	PASS
Band26	10MHz	QPSK	26740	1RB#49	23.48	PASS
Band26	10MHz	QPSK	26740	25RB#0	22.56	PASS
Band26	10MHz	QPSK	26740	25RB#25	22.48	PASS
Band26	10MHz	QPSK	26740	25RB#12	22.54	PASS



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Band26	10MHz	QPSK	26740	50RB#0	22.60	PASS
Band26	10MHz	64QAM	26740	1RB#49	21.49	PASS
Band26	10MHz	64QAM	26740	1RB#24	21.63	PASS
Band26	10MHz	64QAM	26740	1RB#0	21.60	PASS
Band26	10MHz	64QAM	26740	25RB#25	20.52	PASS
Band26	10MHz	64QAM	26740	25RB#0	20.50	PASS
Band26	10MHz	64QAM	26740	25RB#12	20.44	PASS
Band26	10MHz	64QAM	26740	50RB#0	20.55	PASS
Band26	10MHz	256QAM	26740	1RB#49	18.71	PASS
Band26	10MHz	256QAM	26740	1RB#24	18.80	PASS
Band26	10MHz	256QAM	26740	1RB#0	18.69	PASS
Band26	10MHz	256QAM	26740	25RB#0	18.64	PASS
Band26	10MHz	256QAM	26740	25RB#12	18.64	PASS
Band26	10MHz	256QAM	26740	25RB#25	18.64	PASS
Band26	10MHz	256QAM	26740	50RB#0	18.66	PASS
Band26	10MHz	16QAM	26740	1RB#49	22.65	PASS
Band26	10MHz	16QAM	26740	1RB#0	22.66	PASS
Band26	10MHz	16QAM	26740	1RB#24	22.84	PASS
Band26	10MHz	16QAM	26740	25RB#25	21.51	PASS
Band26	10MHz	16QAM	26740	25RB#0	21.53	PASS
Band26	10MHz	16QAM	26740	25RB#12	21.49	PASS
Band26	10MHz	16QAM	26740	50RB#0	21.53	PASS

Remark:

The conducted Power is measured by Base Station Simulator



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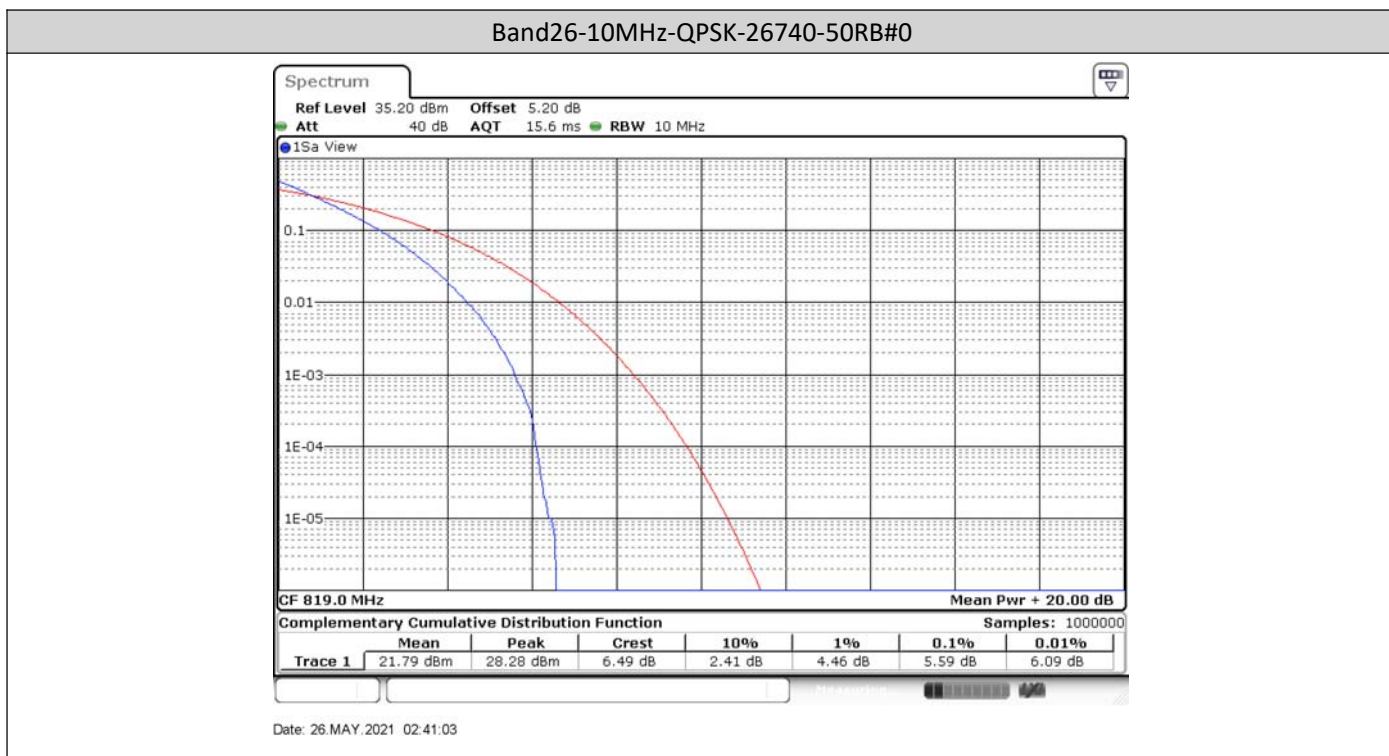


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	5.59	13	PASS
Band26	10MHz	64QAM	26740	50RB#0	6.38	13	PASS
Band26	10MHz	256QAM	26740	50RB#0	6.46	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	6.26	13	PASS

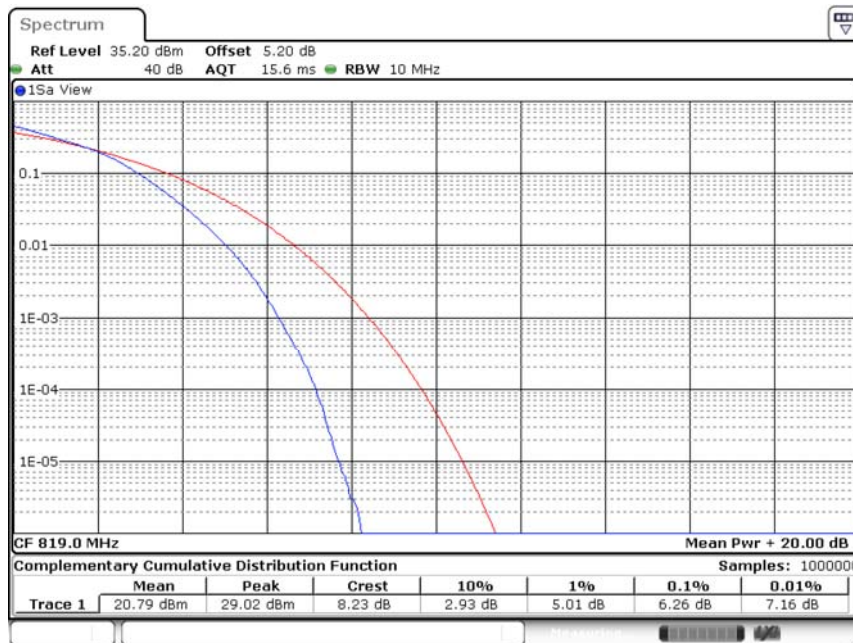
### 2.2. Test Plots



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



Date: 26.MAY.2021 02:41:15

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.

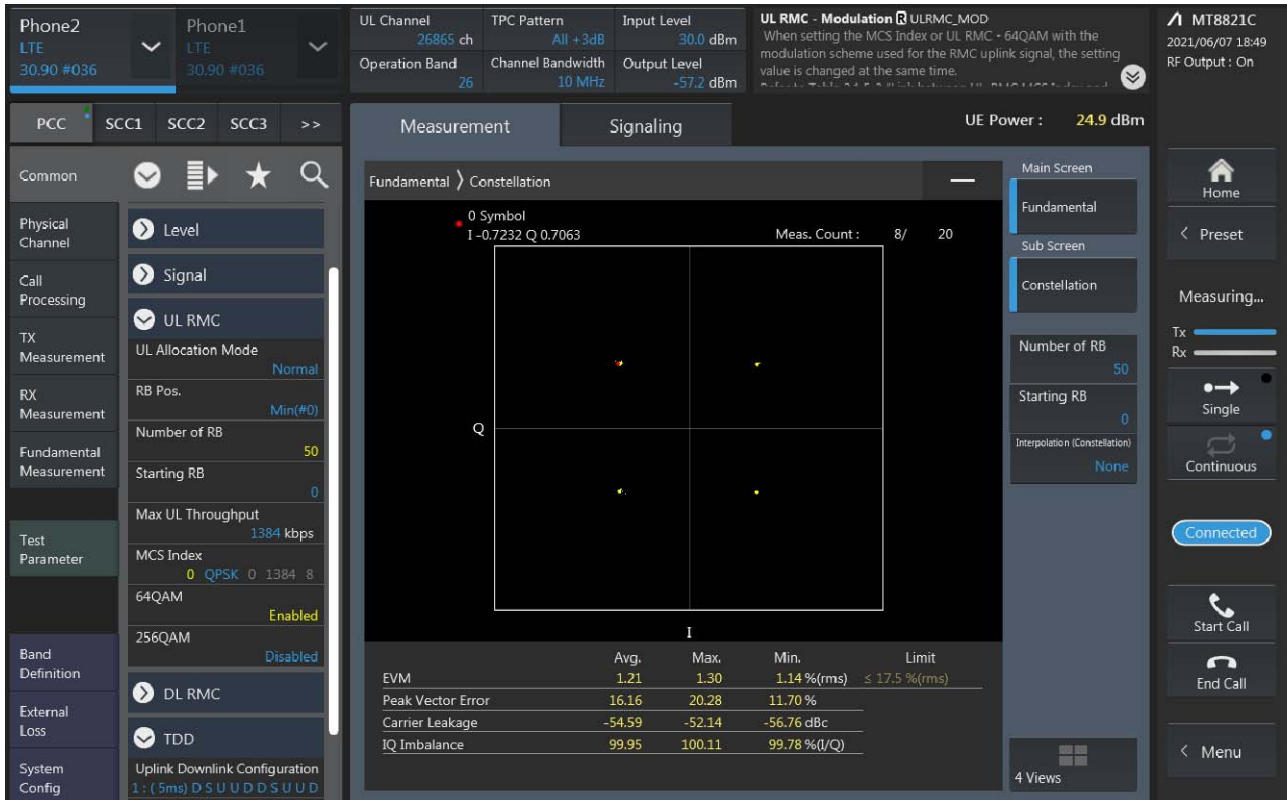


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### 3. Modulation Characteristics

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

##### 3.1.1. Test Channel = MCH



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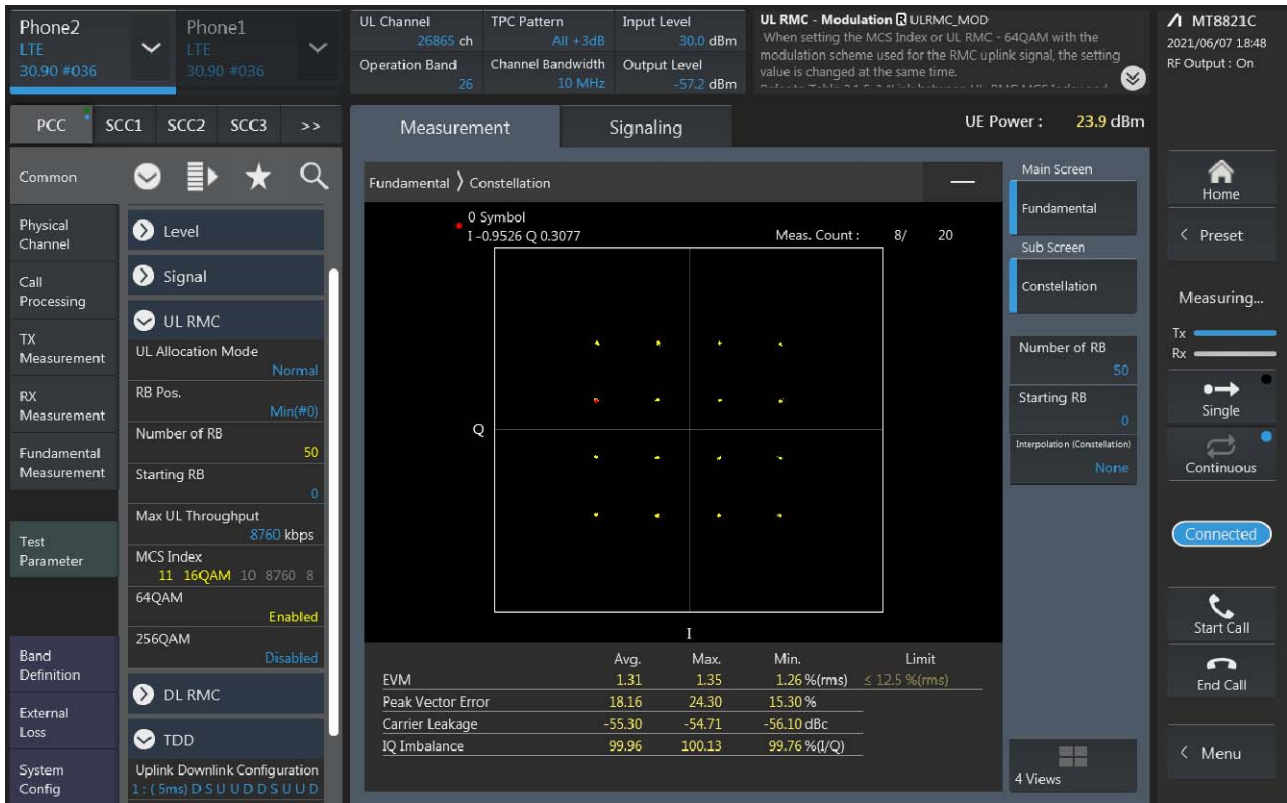
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### 3.2. Test Mode = LTE /TM2 10MHz

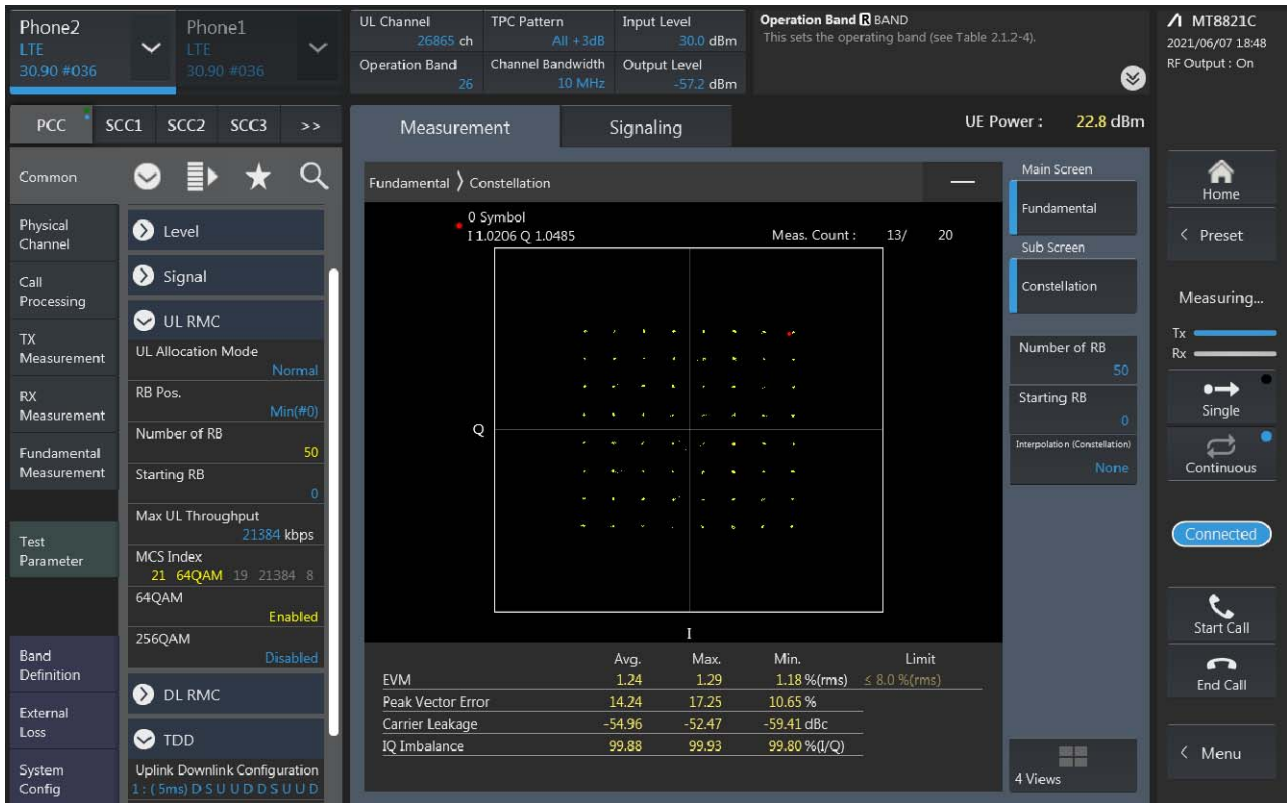
#### 3.2.1. Test Channel = MCH



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

#### 3.3.1. Test Channel = MCH



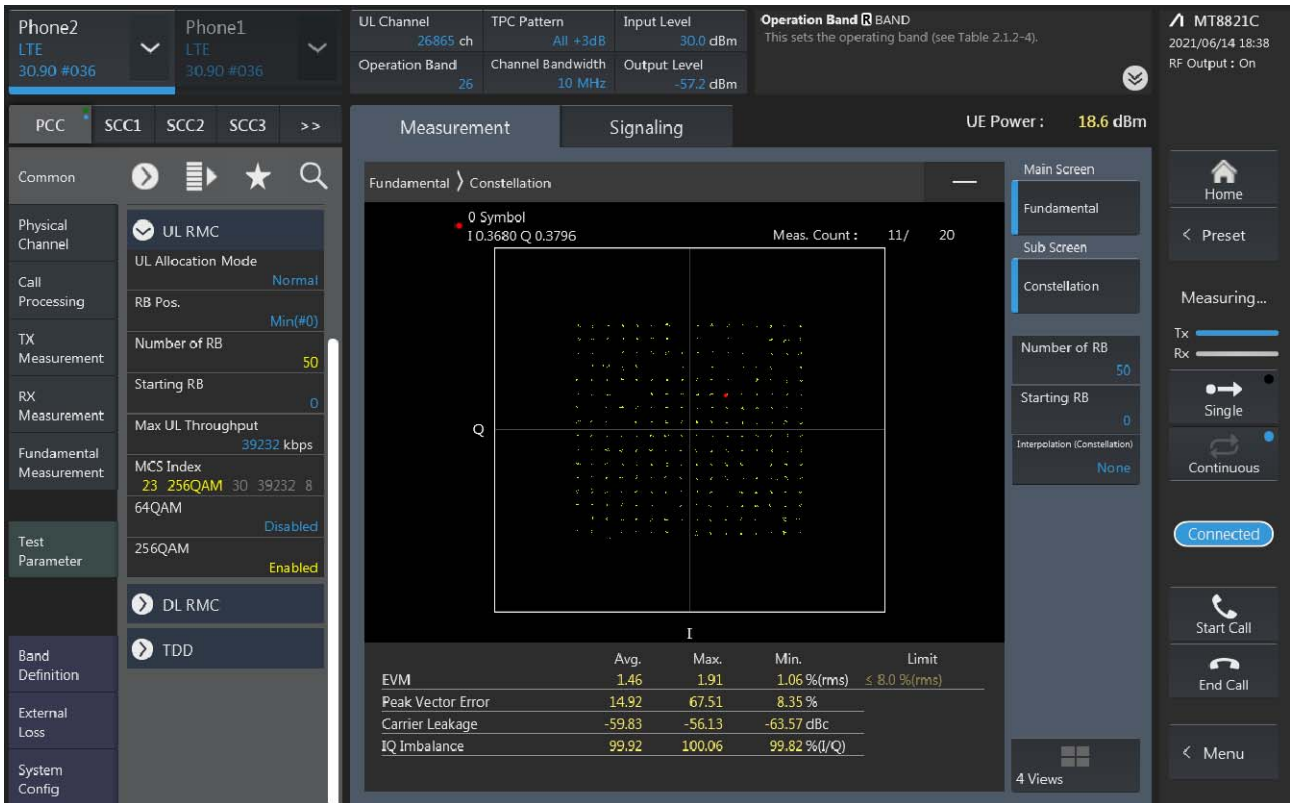
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### 3.4. Test Mode = LTE /TM4 10MHz

#### 3.4.1. 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	1.091	1.296	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.091	1.284	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.091	1.290	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	1.094	1.281	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	1.094	1.287	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	1.094	1.281	PASS
Band26	1.4MHz	256QAM	26697	6RB#0	1.091	1.296	PASS
Band26	1.4MHz	256QAM	26740	6RB#0	1.091	1.299	PASS
Band26	1.4MHz	256QAM	26783	6RB#0	1.097	1.302	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.088	1.290	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.088	1.287	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.088	1.287	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.691	2.946	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.691	2.946	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.691	2.940	PASS
Band26	3MHz	64QAM	26705	15RB#0	2.685	2.922	PASS
Band26	3MHz	64QAM	26740	15RB#0	2.685	2.934	PASS
Band26	3MHz	64QAM	26775	15RB#0	2.685	2.940	PASS
Band26	3MHz	256QAM	26705	15RB#0	2.691	2.928	PASS
Band26	3MHz	256QAM	26740	15RB#0	2.685	2.946	PASS
Band26	3MHz	256QAM	26775	15RB#0	2.685	2.946	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.679	2.922	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.679	2.928	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.679	2.928	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.476	4.880	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.476	4.870	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.476	4.870	PASS
Band26	5MHz	64QAM	26715	25RB#0	4.476	4.870	PASS
Band26	5MHz	64QAM	26740	25RB#0	4.476	4.860	PASS
Band26	5MHz	64QAM	26765	25RB#0	4.466	4.870	PASS
Band26	5MHz	256QAM	26715	25RB#0	4.466	4.880	PASS



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Band26	5MHz	256QAM	26740	25RB#0	4.476	4.880	PASS
Band26	5MHz	256QAM	26765	25RB#0	4.476	4.870	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.486	4.890	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.476	4.890	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.476	4.890	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.951	9.680	PASS
Band26	10MHz	64QAM	26740	50RB#0	8.951	9.620	PASS
Band26	10MHz	256QAM	26740	50RB#0	8.951	9.640	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.951	9.620	PASS

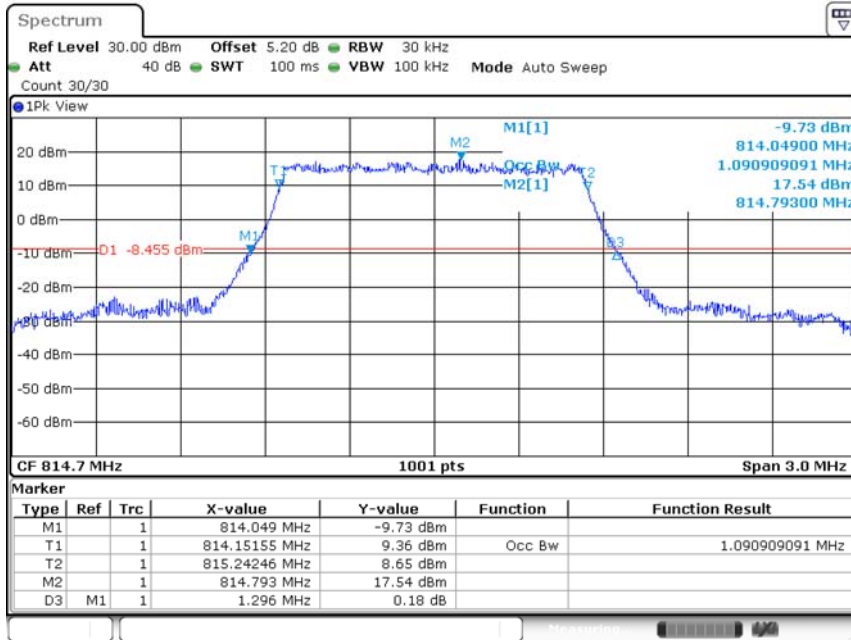


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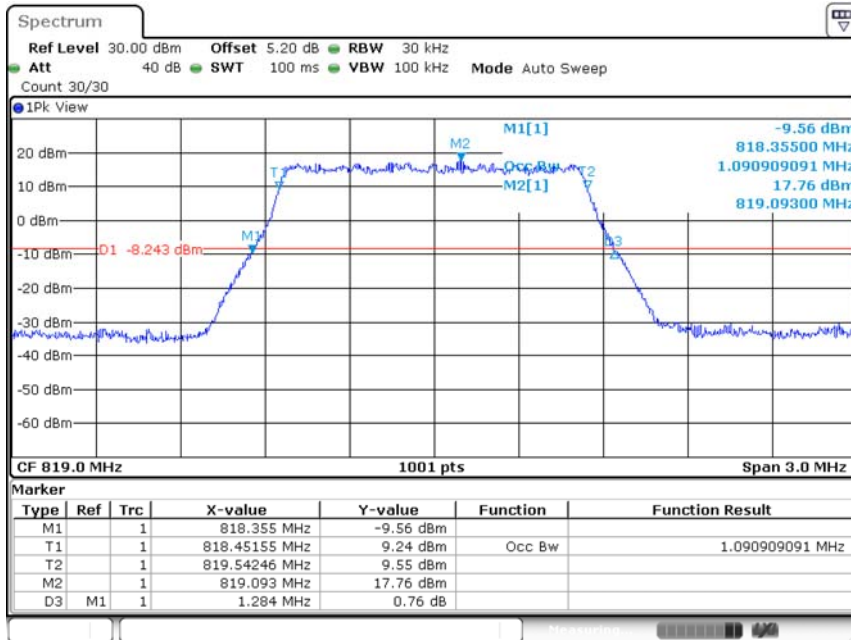
### 4.2. Test Plots

Band26-1.4MHz-QPSK-26697-6RB#0-1.091



Date: 26.MAY.2021 02:34:14

Band26-1.4MHz-QPSK-26740-6RB#0-1.091

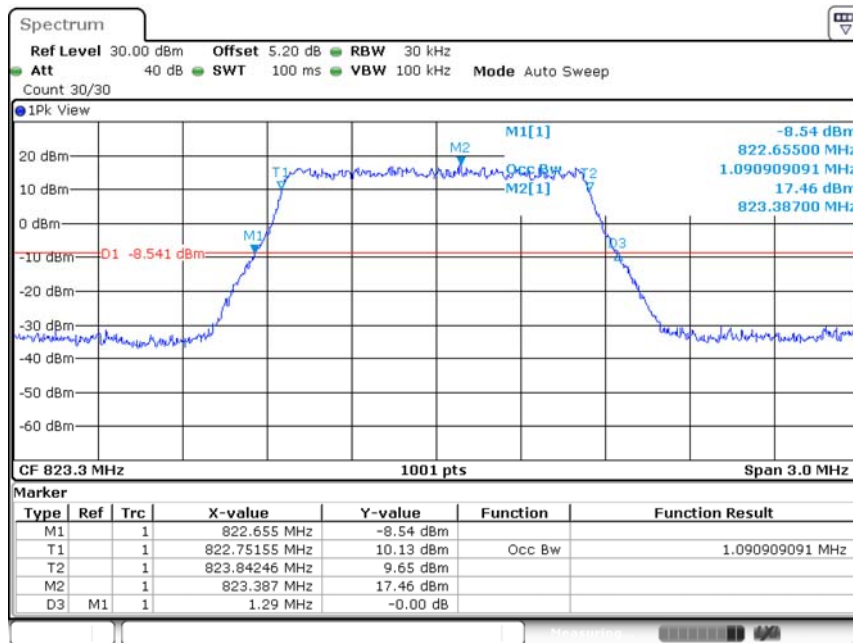


Date: 26.MAY.2021 02:34:40



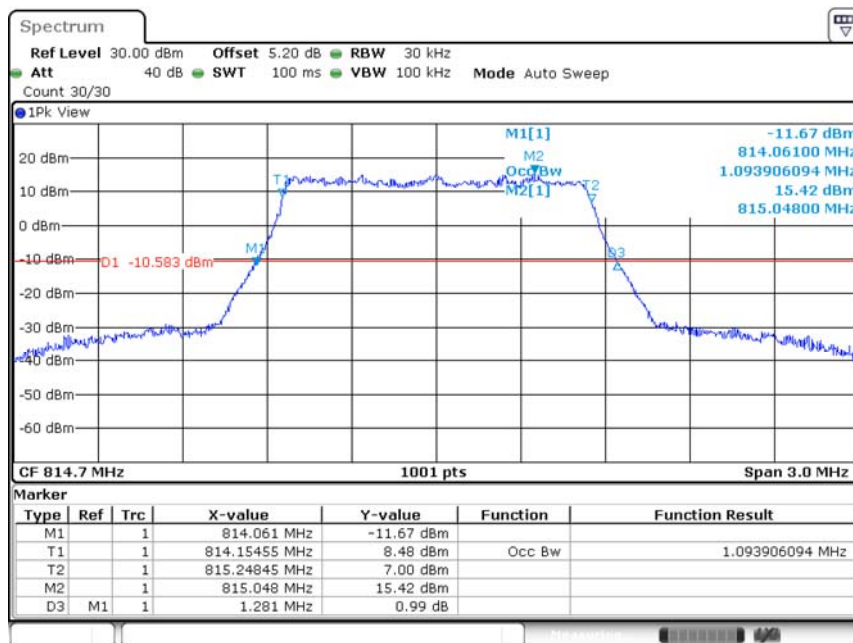
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**Band26-1.4MHz-QPSK-26783-6RB#0-1.091**



Date: 26.MAY.2021 02:35:12

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

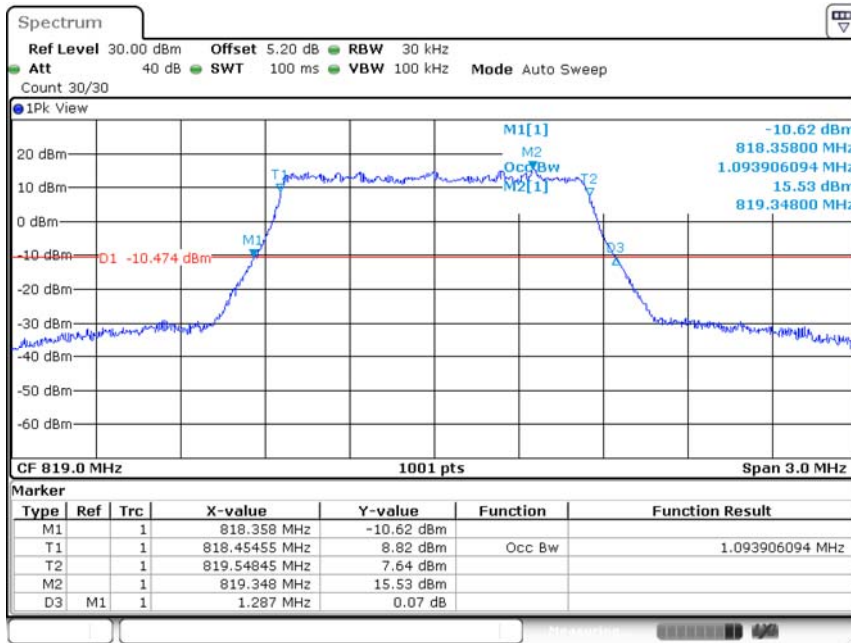


Date: 26.MAY.2021 02:43:00



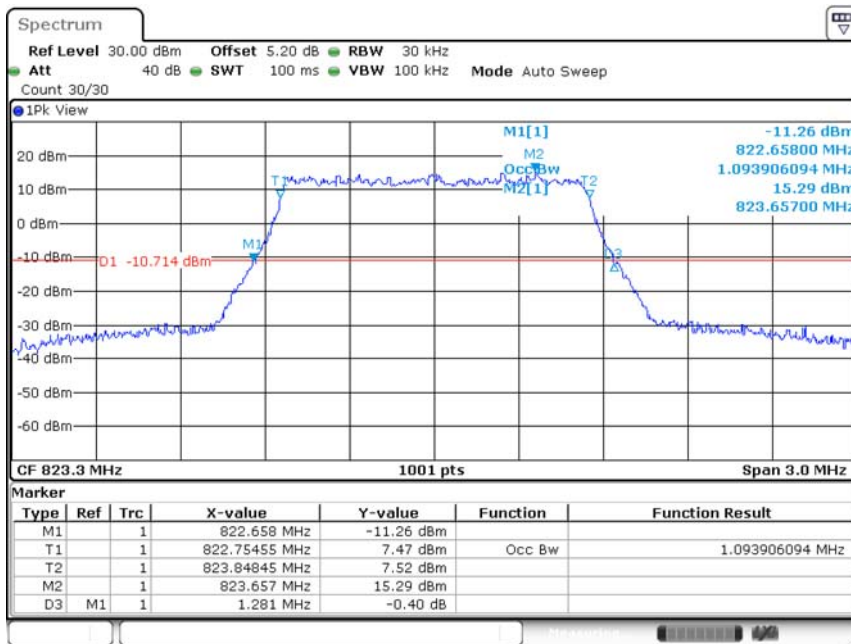
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**Band26-1.4MHz-64QAM-26740-6RB#0-1.094**



Date: 26.MAY.2021 02:43:12

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



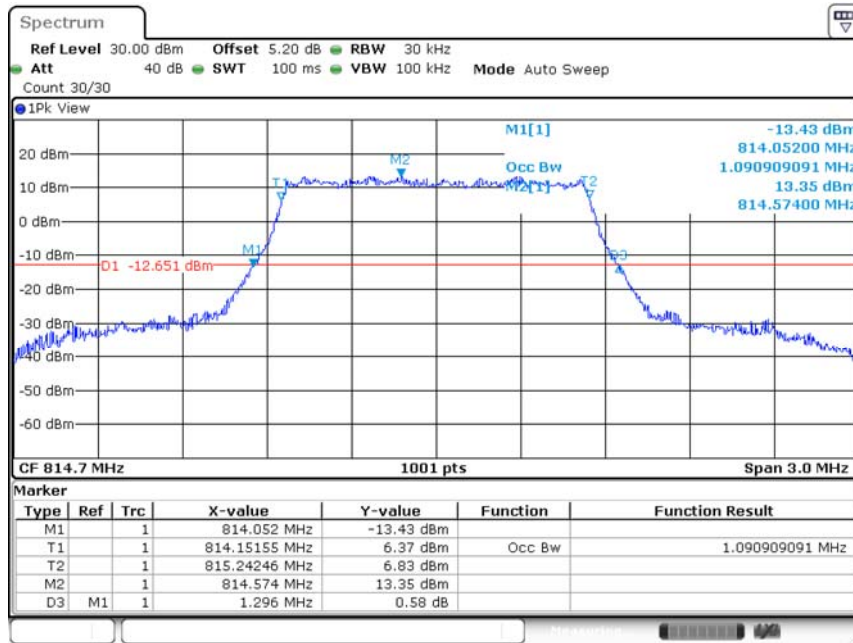
Date: 26.MAY.2021 02:43:25



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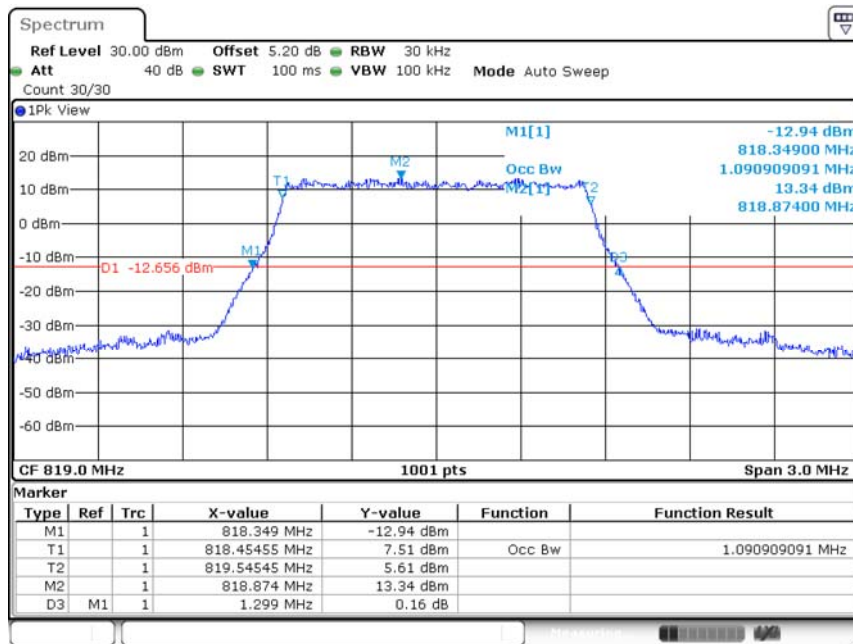


**Band26-1.4MHz-256QAM-26697-6RB#0-1.091**



Date: 5.MAY.2021 04:35:29

**Band26-1.4MHz-256QAM-26740-6RB#0-1.091**

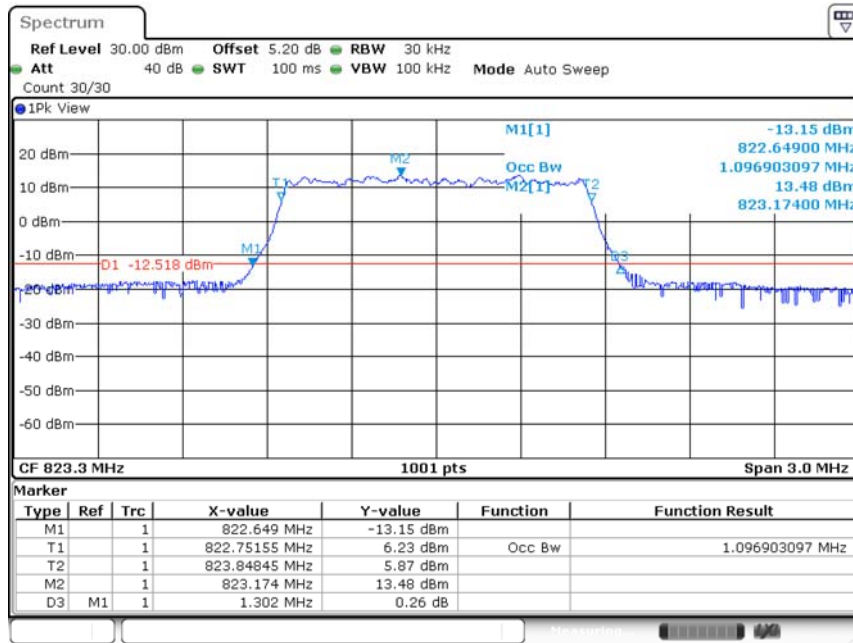


Date: 5.MAY.2021 04:35:42



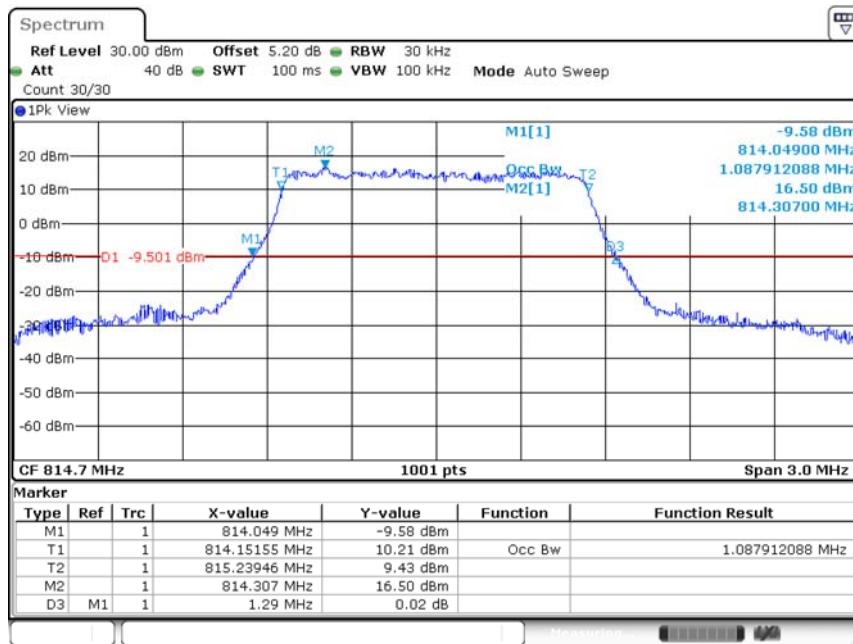
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**Band26-1.4MHz-256QAM-26783-6RB#0-1.097**



Date: 5.MAY.2021 04:36:39

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

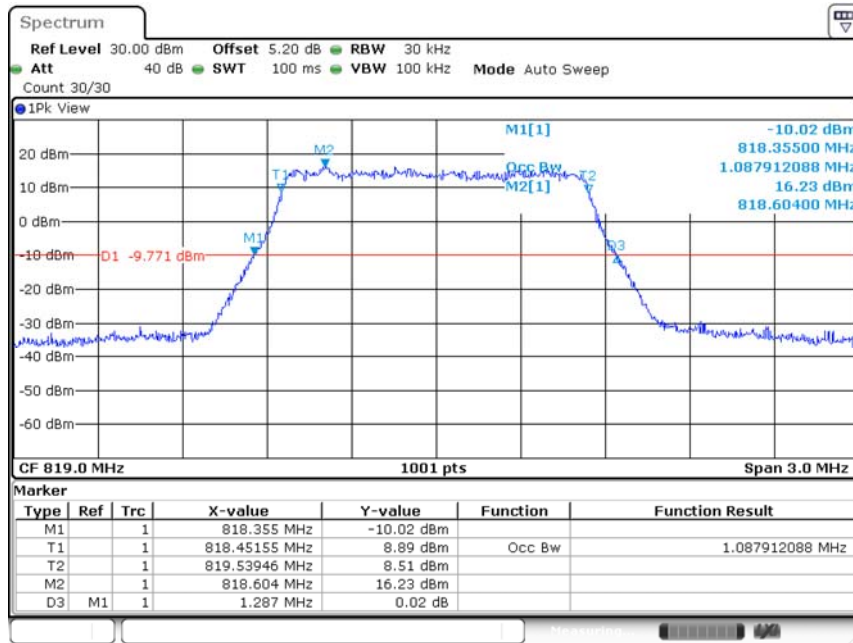


Date: 26.MAY.2021 02:34:27



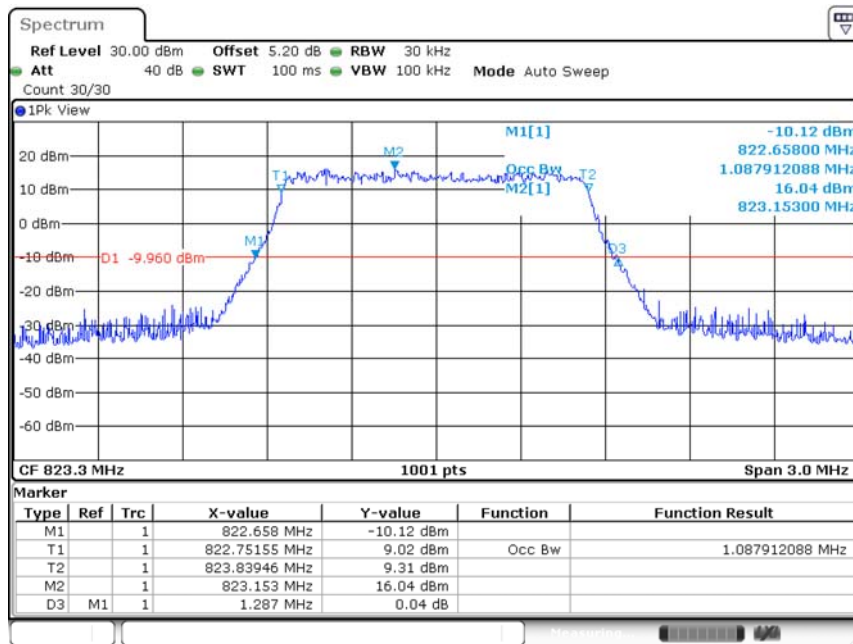
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**Band26-1.4MHz-16QAM-26740-6RB#0-1.088**



Date: 26.MAY.2021 02:34:56

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

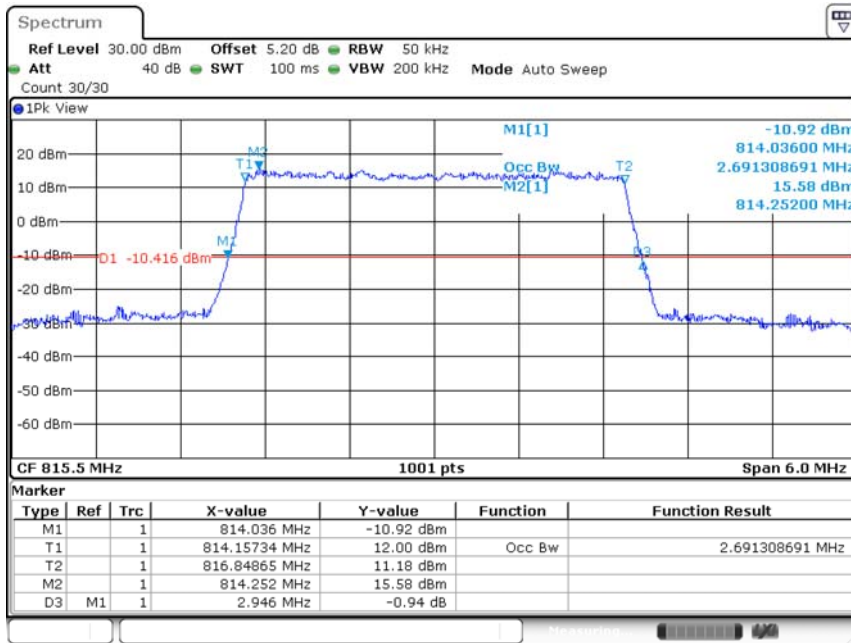


Date: 26.MAY.2021 02:35:25



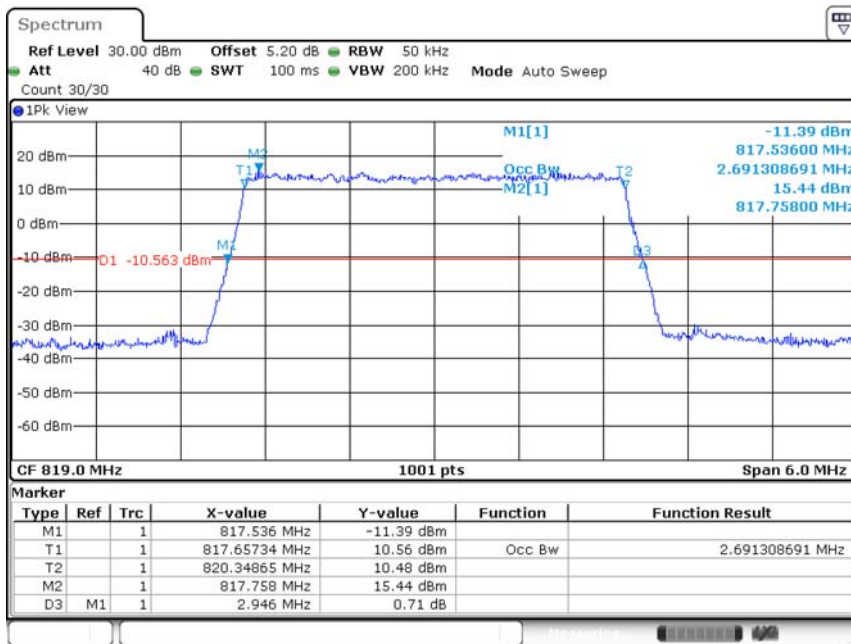
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**Band26-3MHz-QPSK-26705-15RB#0-2.691**



Date: 26.MAY.2021 02:35:44

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

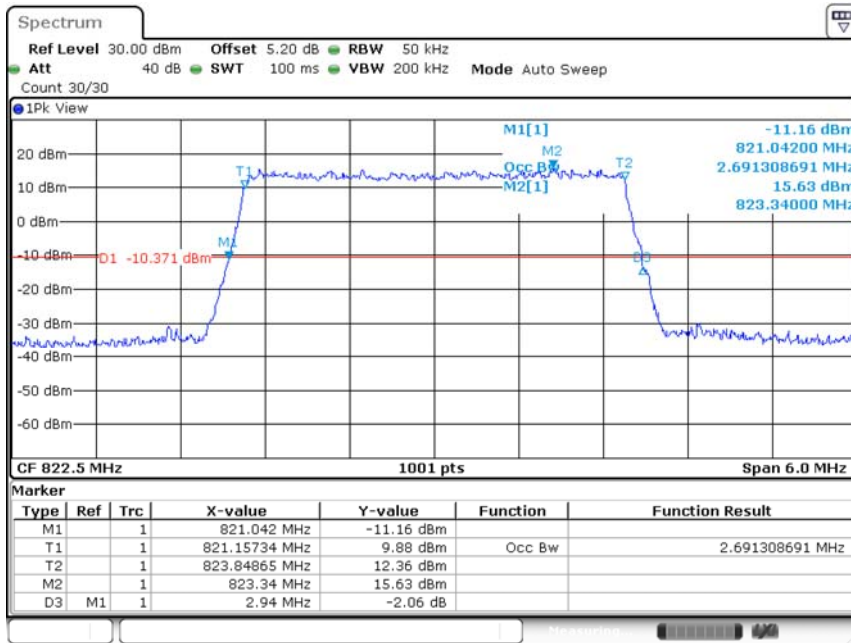


Date: 26.MAY.2021 02:36:11



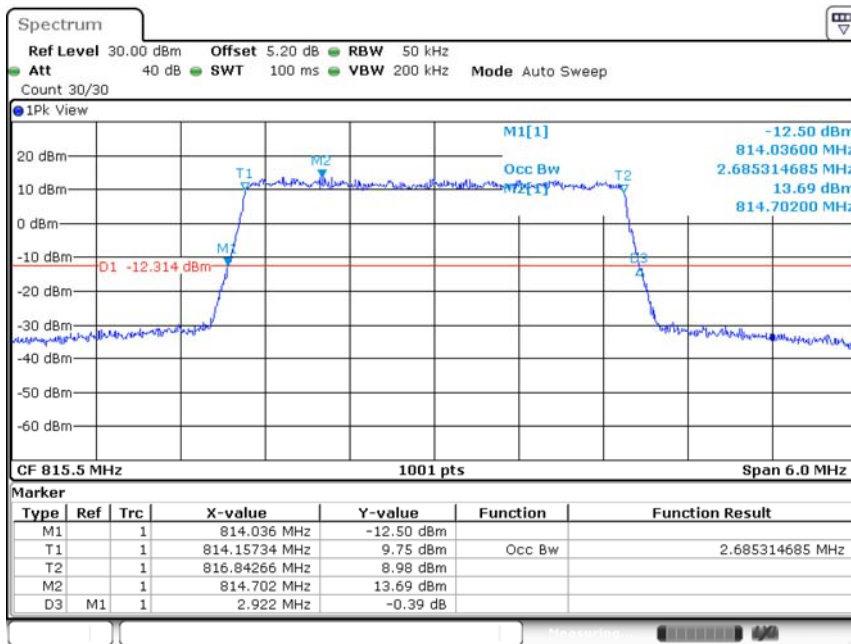
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**Band26-3MHz-QPSK-26775-15RB#0-2.691**



Date: 26.MAY.2021 02:36:45

**Band26-3MHz-64QAM-26705-15RB#0-2.685**

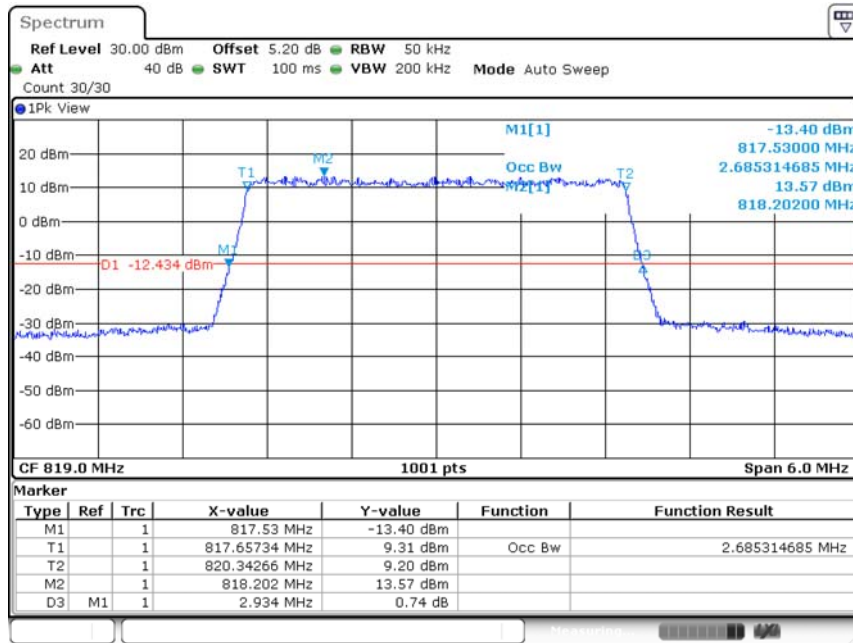


Date: 26.MAY.2021 02:43:45



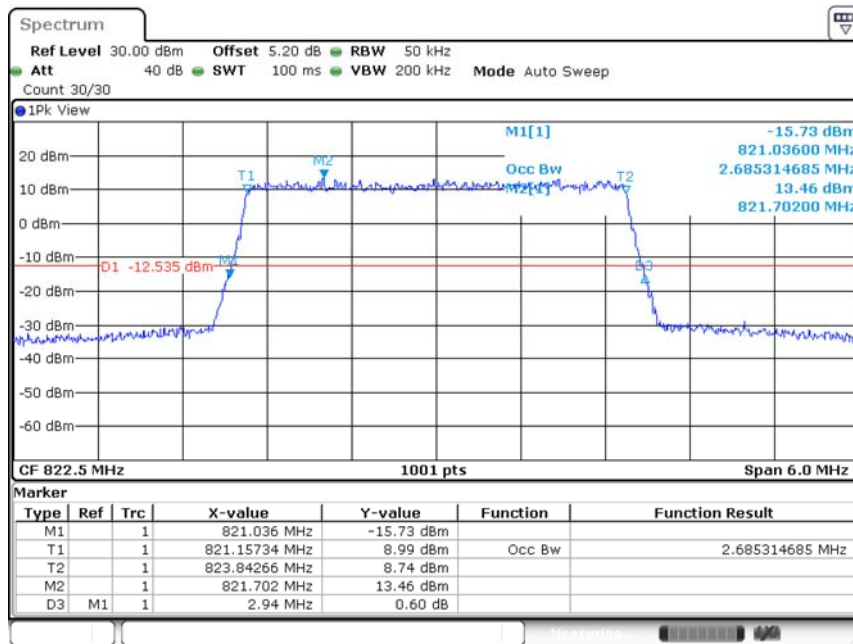
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**Band26-3MHz-64QAM-26740-15RB#0-2.685**



Date: 26.MAY.2021 02:43:58

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



Date: 26.MAY.2021 02:44:11

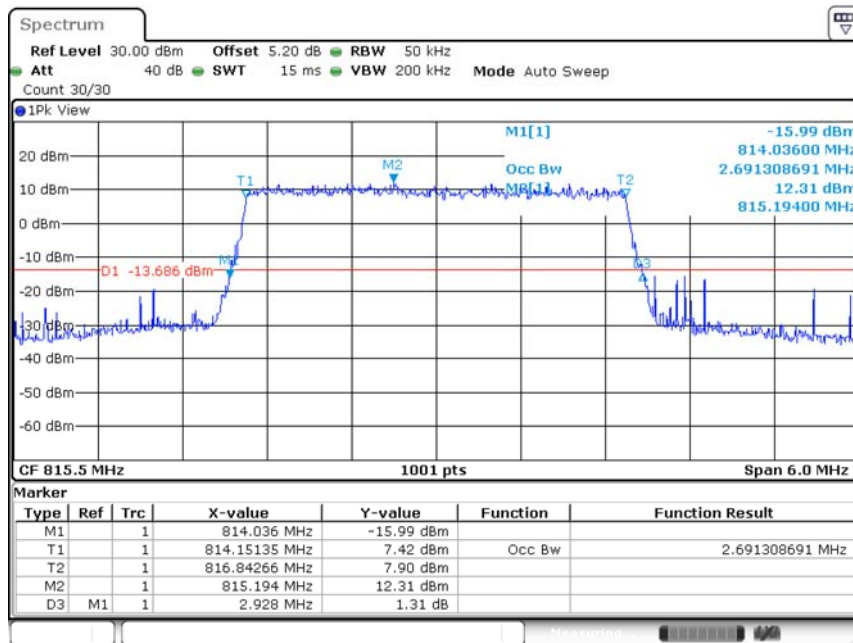


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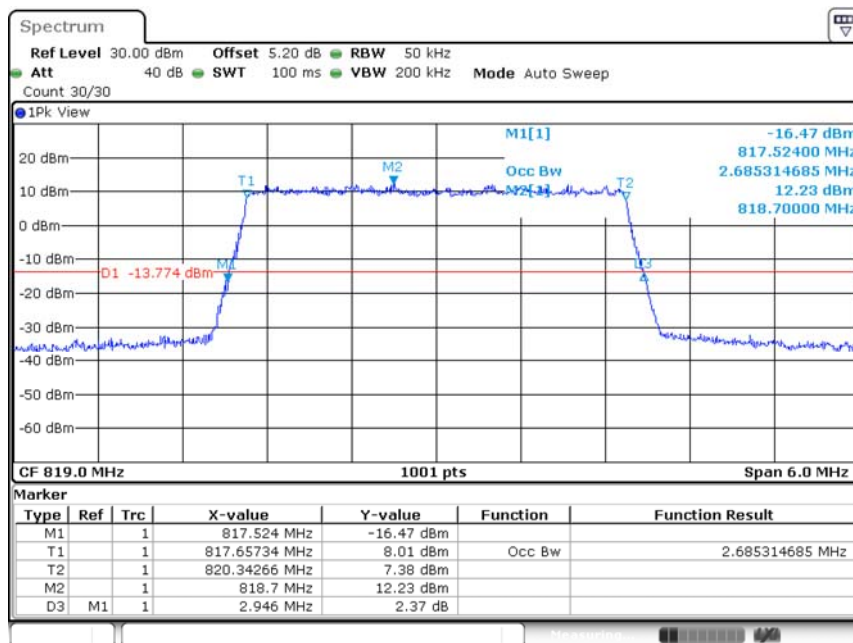
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**Band26-3MHz-256QAM-26705-15RB#0-2.691**



Date: 5.MAY.2021 04:37:32

**Band26-3MHz-256QAM-26740-15RB#0-2.685**

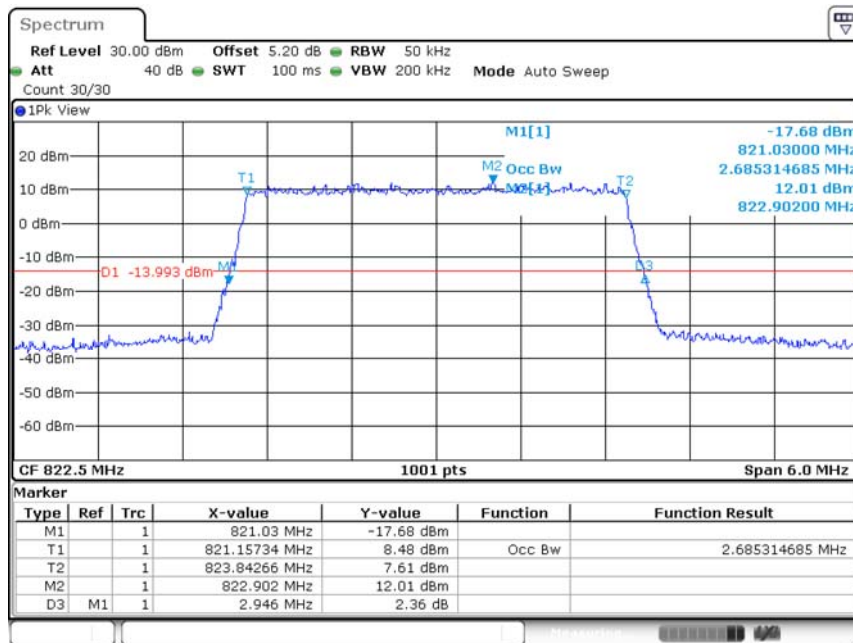


Date: 5.MAY.2021 04:37:45



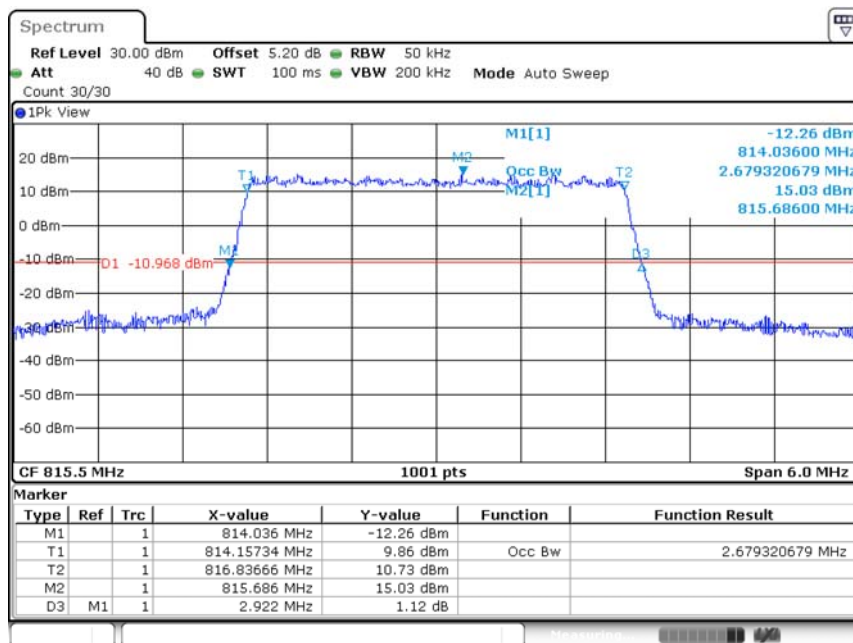
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**Band26-3MHz-256QAM-26775-15RB#0-2.685**



Date: 5.MAY.2021 04:37:58

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



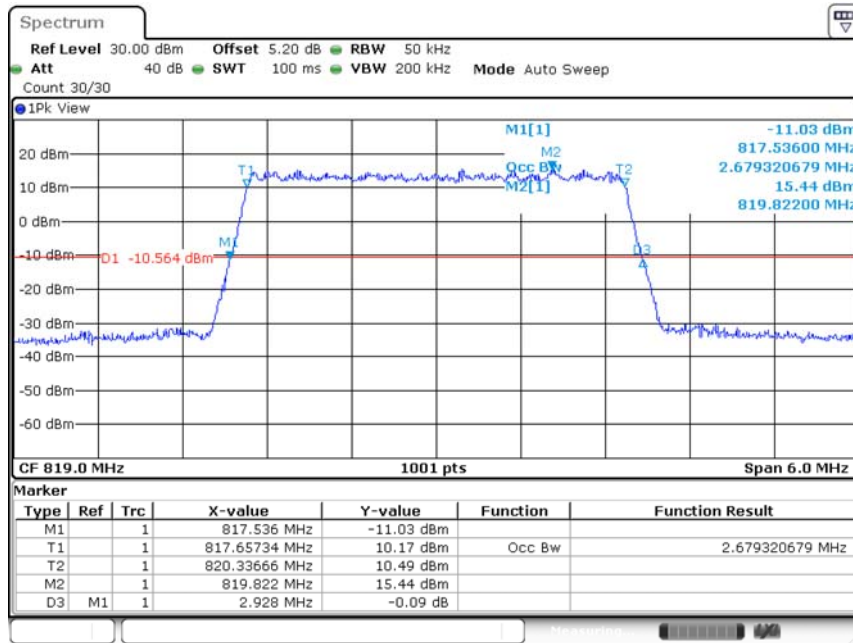
Date: 26.MAY.2021 02:35:56



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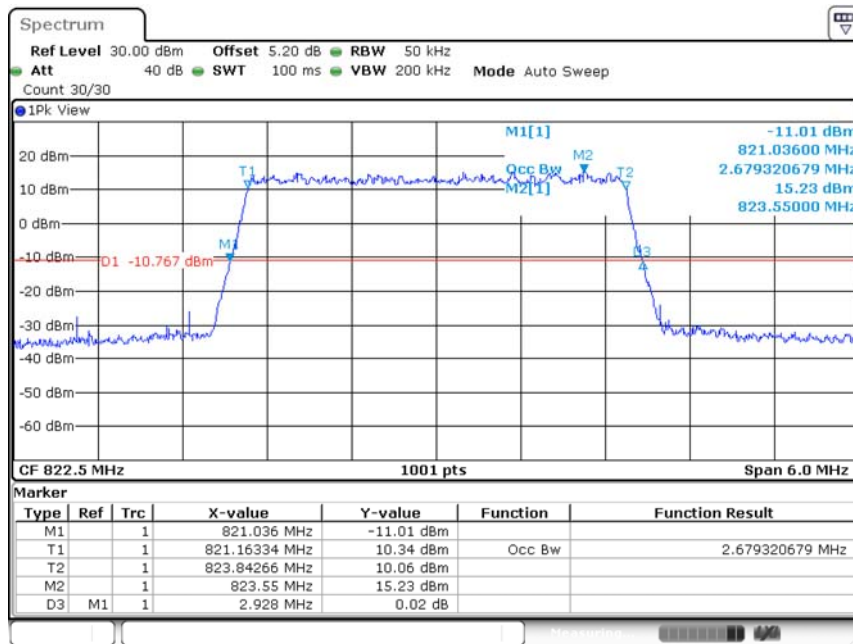


**Band26-3MHz-16QAM-26740-15RB#0-2.679**



Date: 26.MAY.2021 02:36:28

**Band26-3MHz-16QAM-26775-15RB#0-2.679**

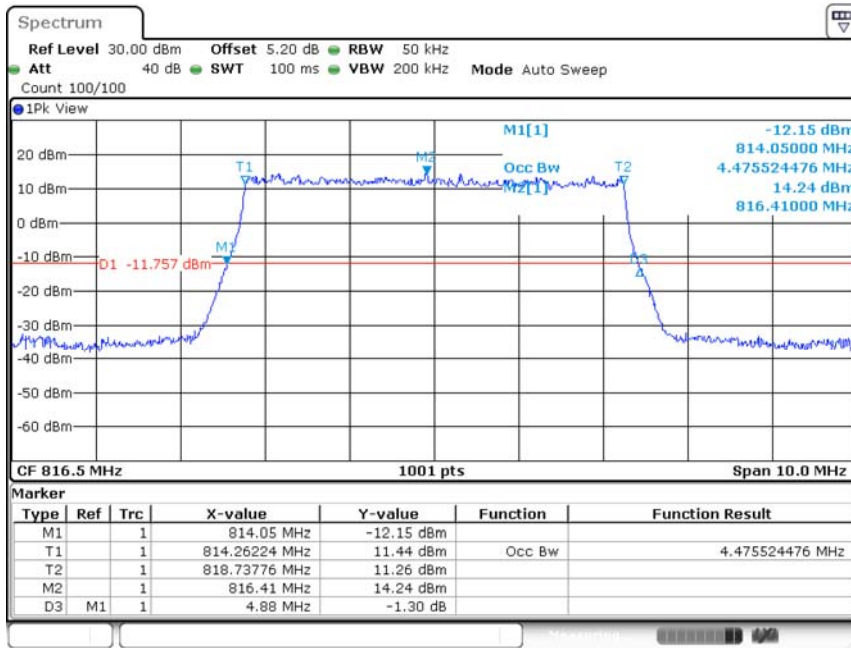


Date: 26.MAY.2021 02:36:58



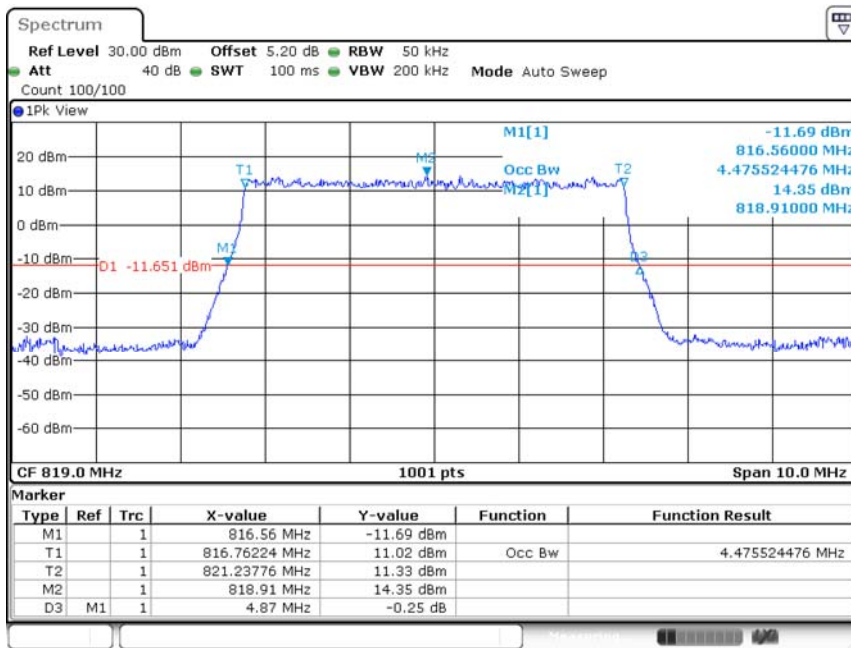
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**Band26-5MHz-QPSK-26715-25RB#0-4.476**



Date: 26.MAY.2021 02:37:23

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

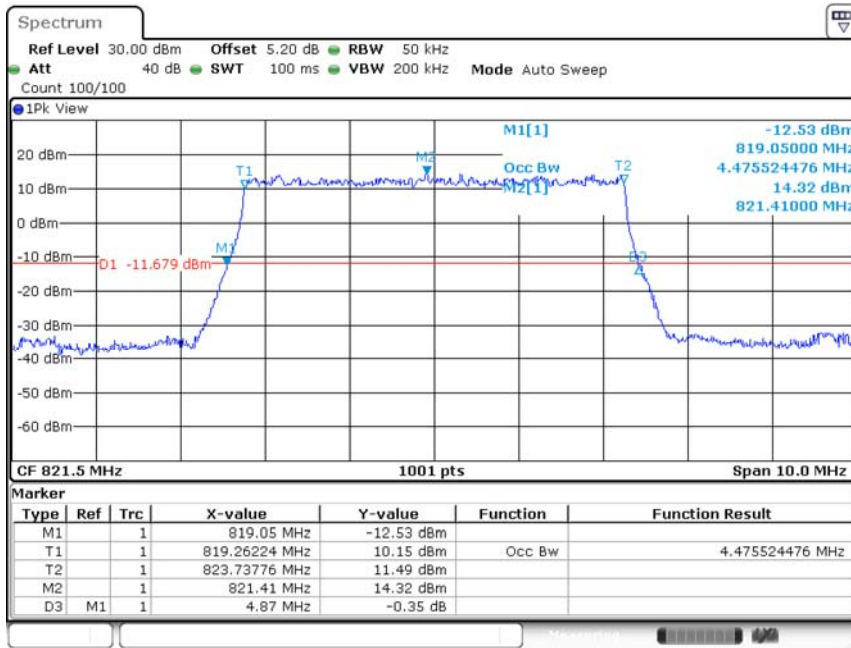


Date: 26.MAY.2021 02:38:04



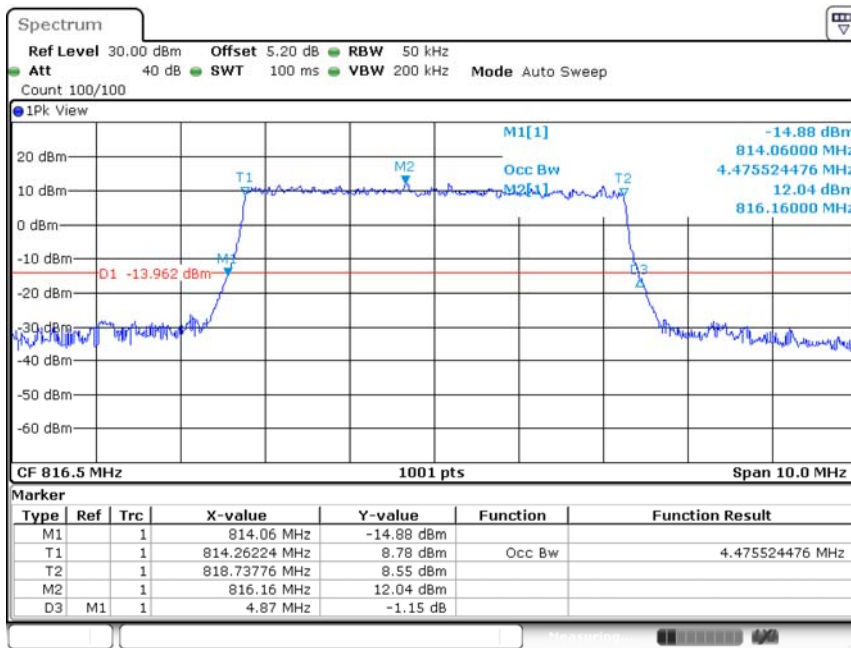
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**Band26-5MHz-QPSK-26765-25RB#0-4.476**



Date: 26.MAY.2021 02:38:44

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

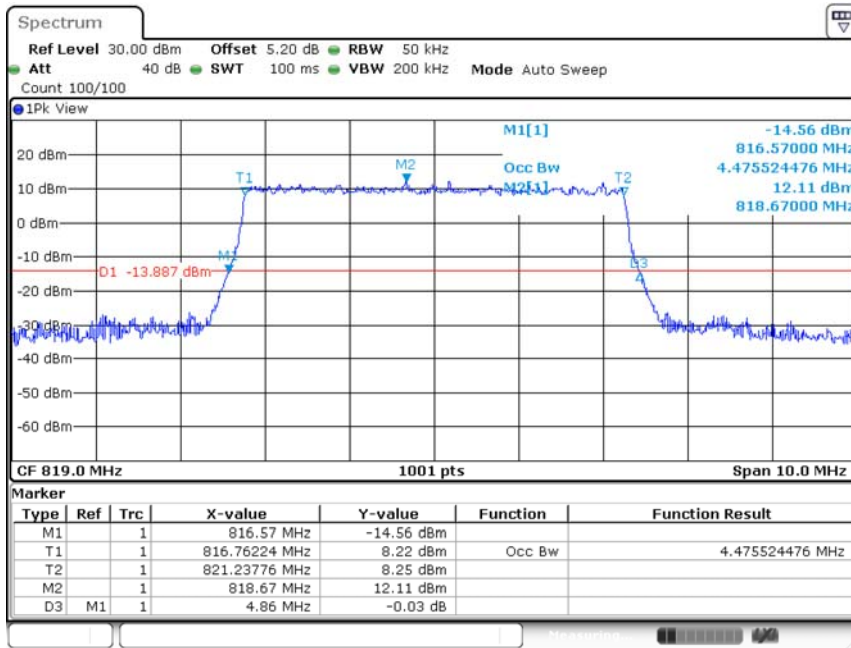


Date: 26.MAY.2021 02:44:37



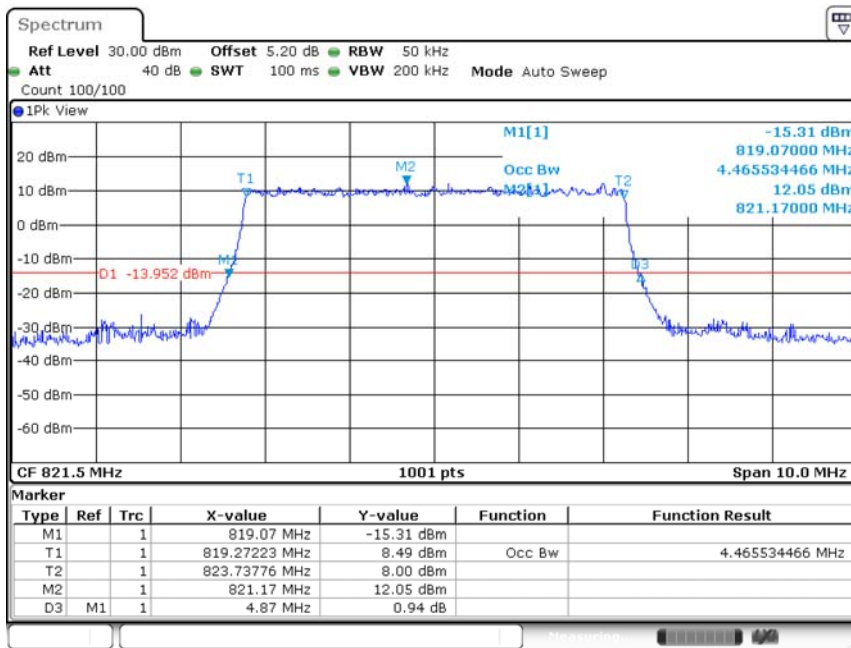
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**Band26-5MHz-64QAM-26740-25RB#0-4.476**



Date: 26.MAY.2021 02:44:57

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

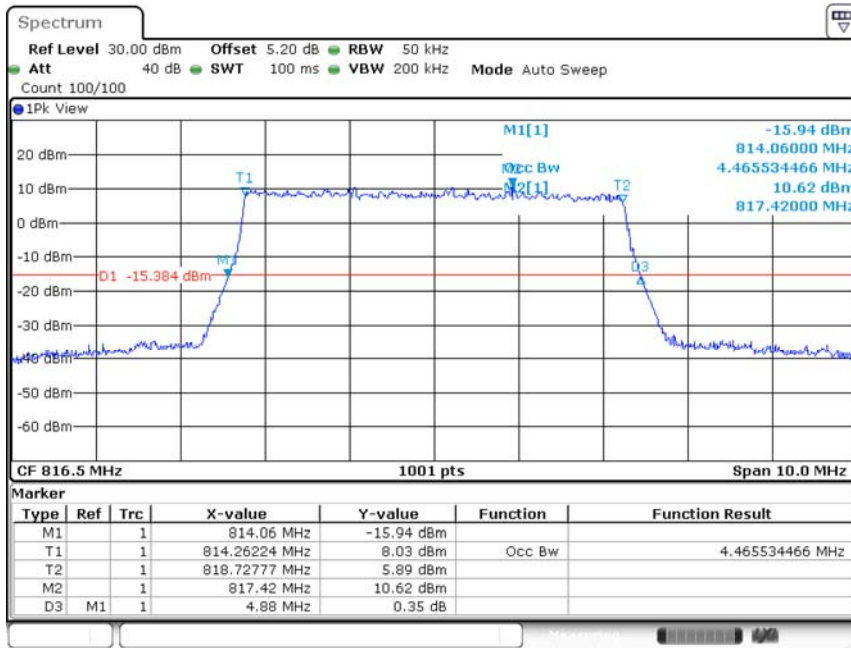


Date: 26.MAY.2021 02:45:17



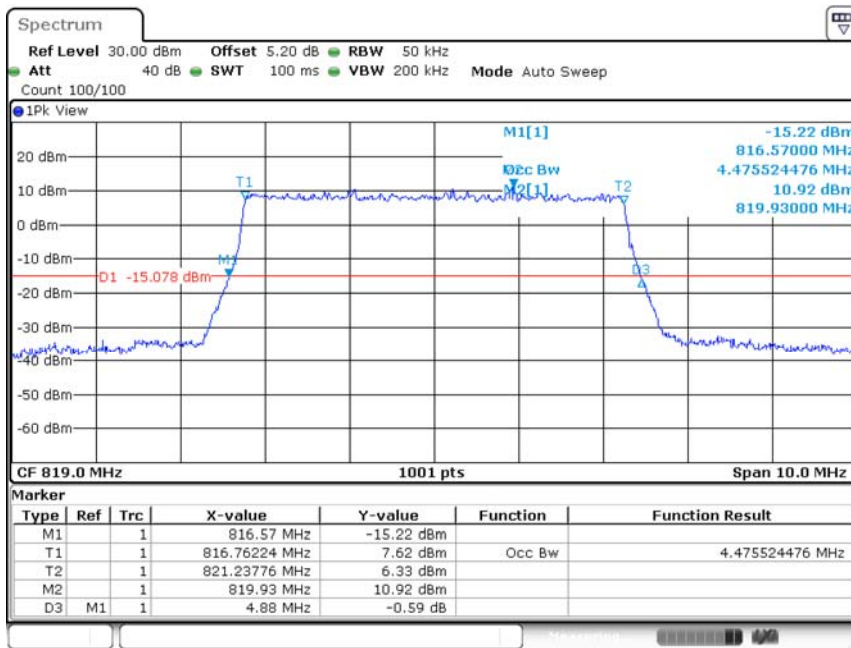
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**Band26-5MHz-256QAM-26715-25RB#0-4.466**



Date: 5.MAY.2021 04:38:23

**Band26-5MHz-256QAM-26740-25RB#0-4.476**

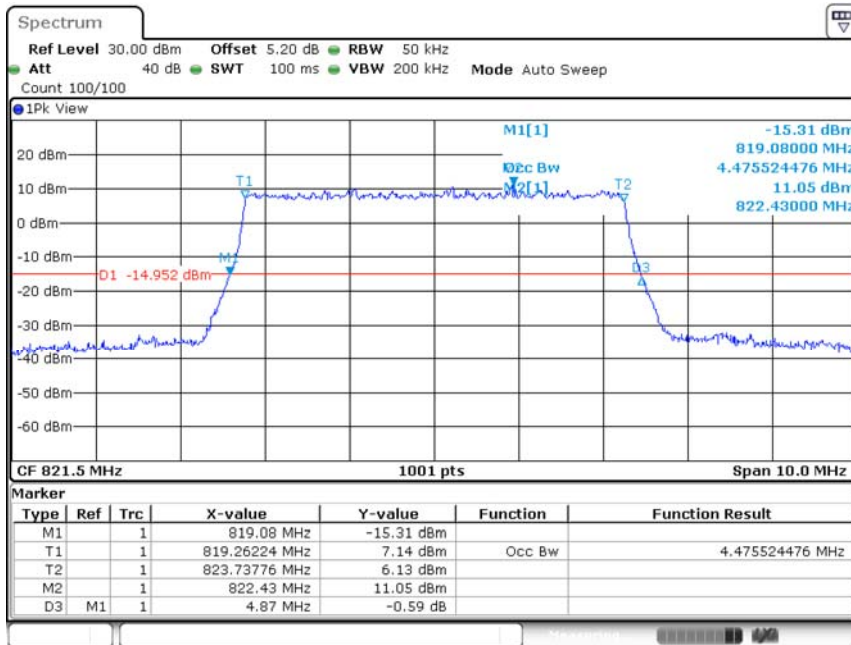


Date: 5.MAY.2021 04:38:43



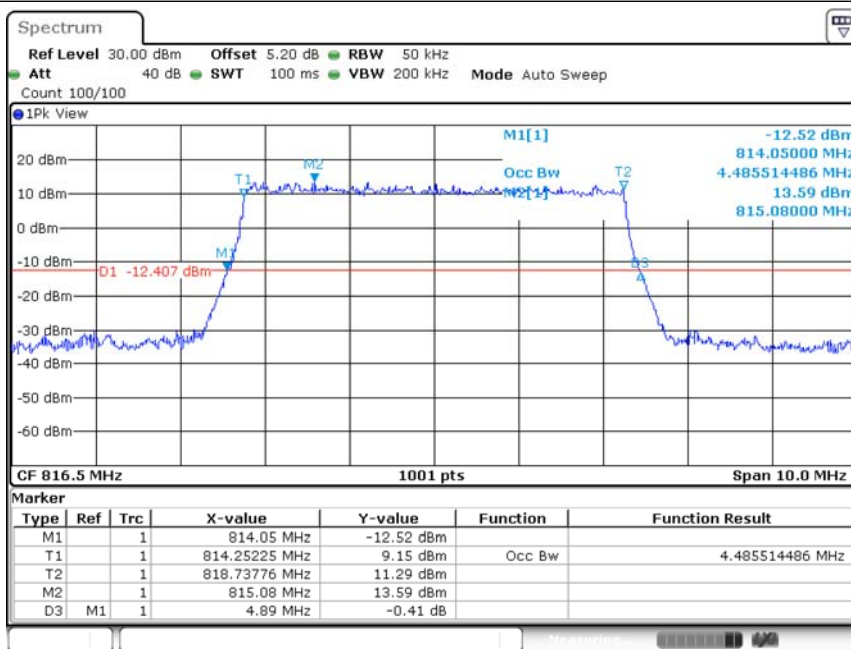
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**Band26-5MHz-256QAM-26765-25RB#0-4.476**



Date: 5.MAY.2021 04:39:02

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

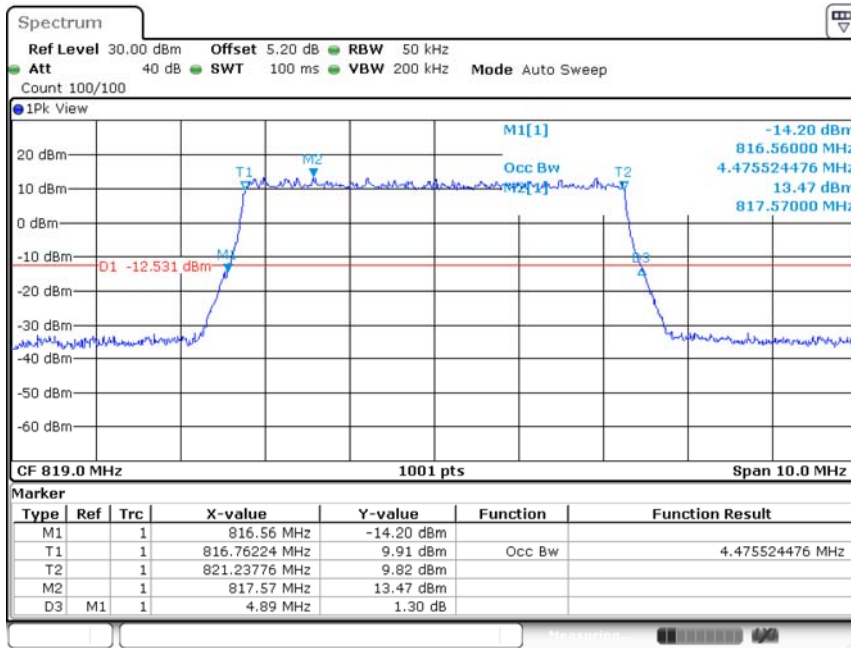


Date: 26.MAY.2021 02:37:43



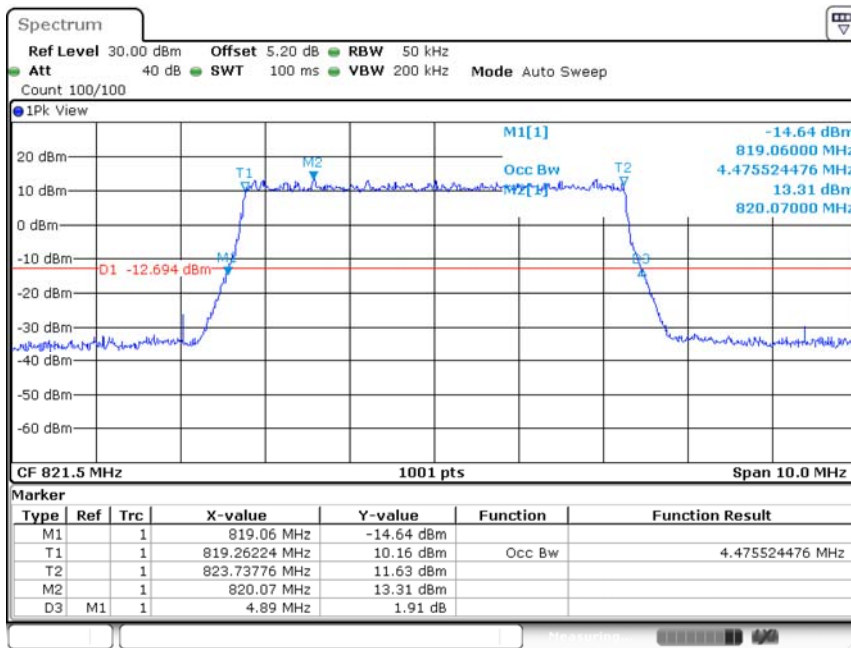
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**Band26-5MHz-16QAM-26740-25RB#0-4.476**



Date: 26.MAY.2021 02:38:24

**Band26-5MHz-16QAM-26765-25RB#0-4.476**

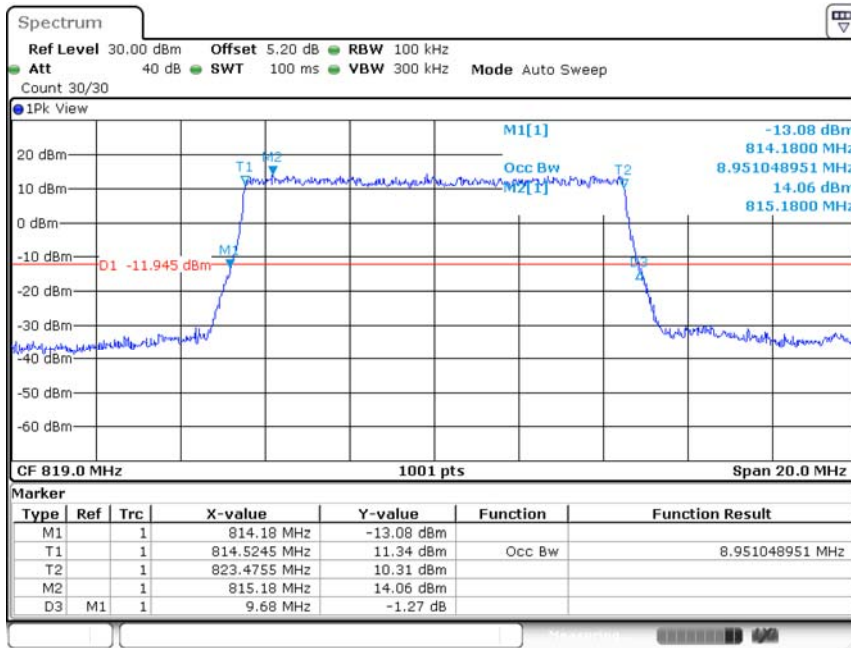


Date: 26.MAY.2021 02:39:03



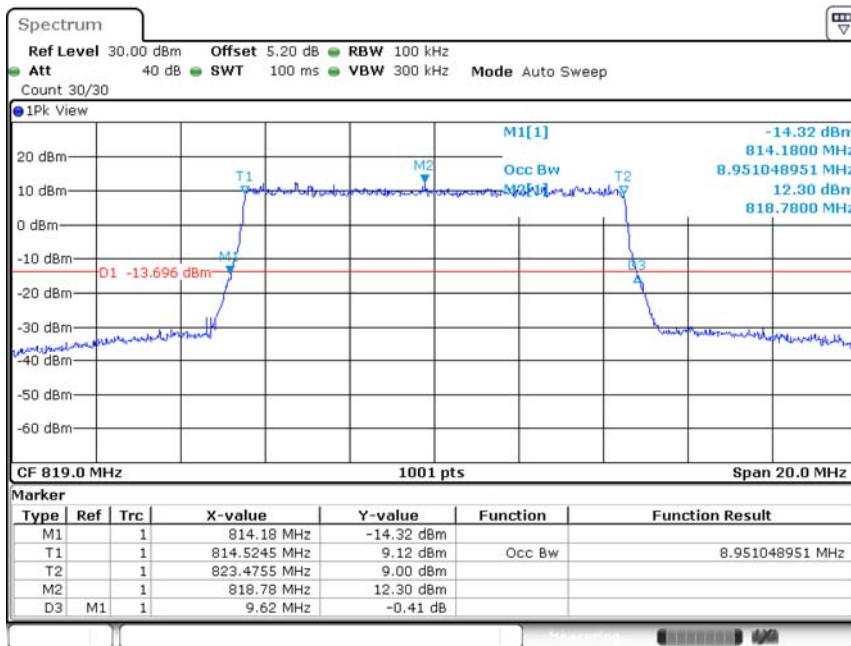
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**Band26-10MHz-QPSK-26740-50RB#0-8.951**



Date: 26.MAY.2021 02:39:21

**Band26-10MHz-64QAM-26740-50RB#0-8.951**



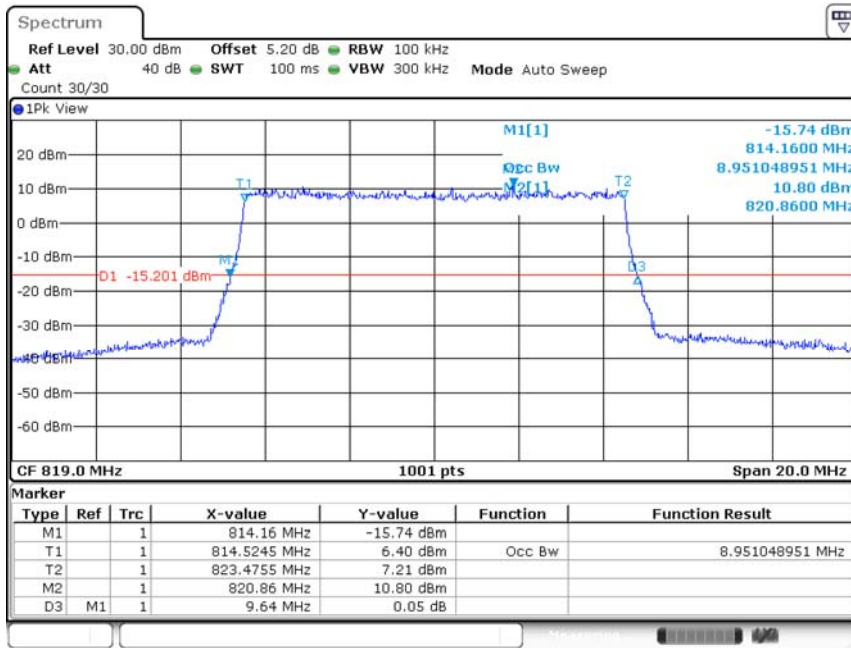
Date: 26.MAY.2021 02:45:37



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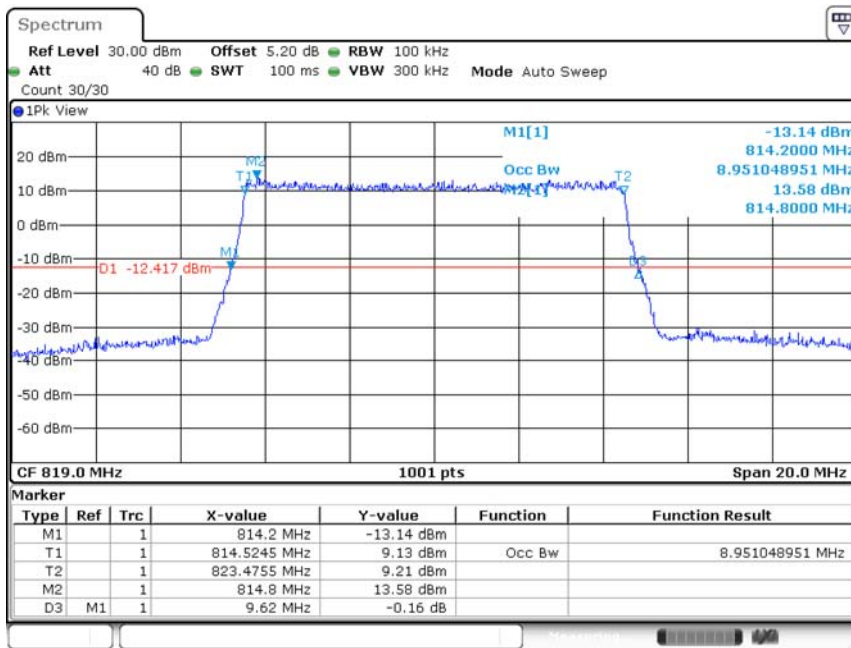


**Band26-10MHz-256QAM-26740-50RB#0-8.951**



Date: 5 MAY 2021 04:39:20

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



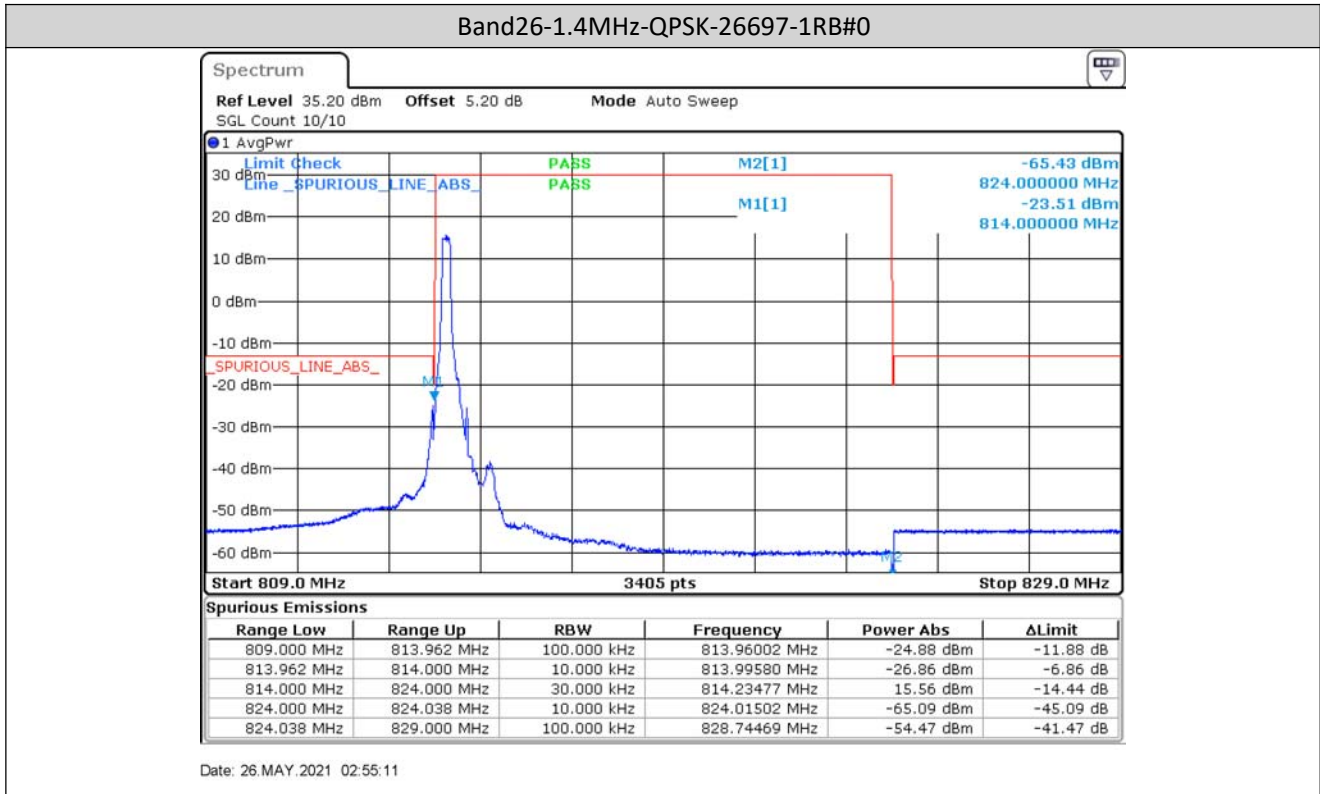
Date: 26 MAY 2021 02:39:34



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## 5. Band Edge Compliance

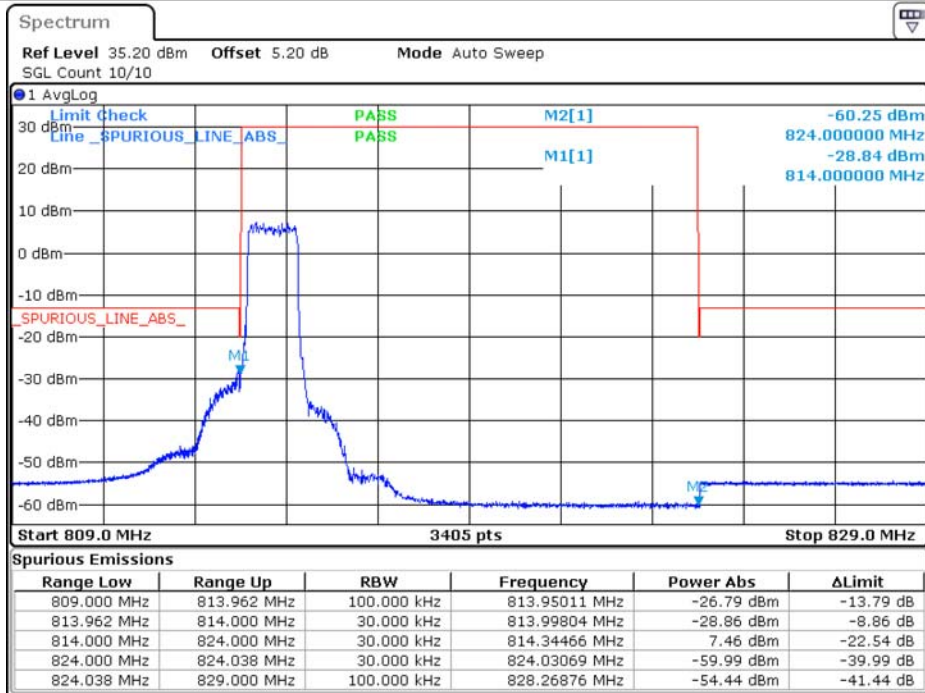
### 5.1. Test Plots



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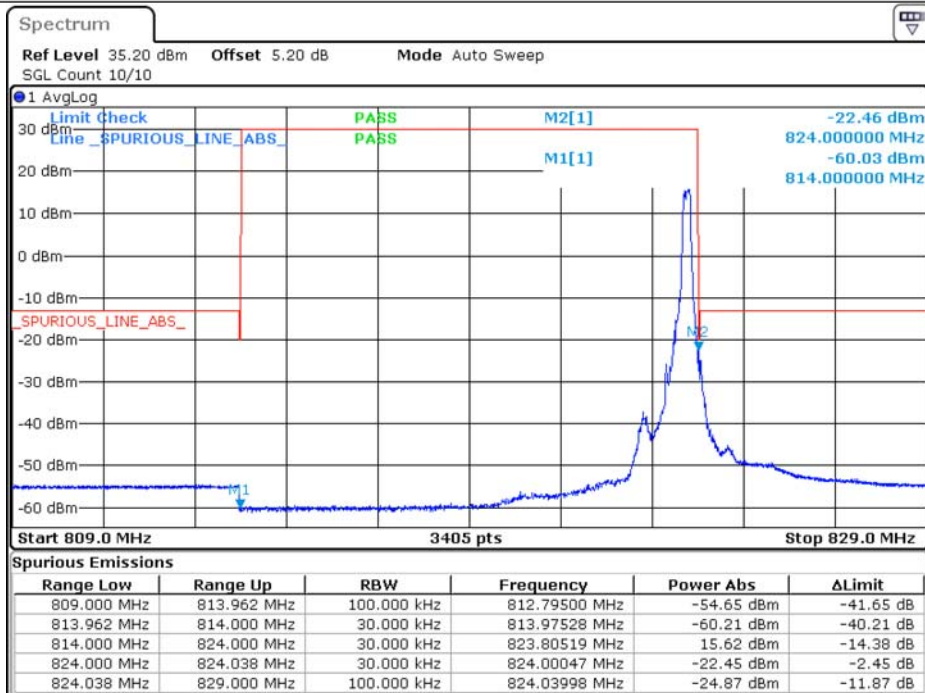
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**Band26-1.4MHz-QPSK-26697-6RB#0**



Date: 26.MAY.2021 02:59:01

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

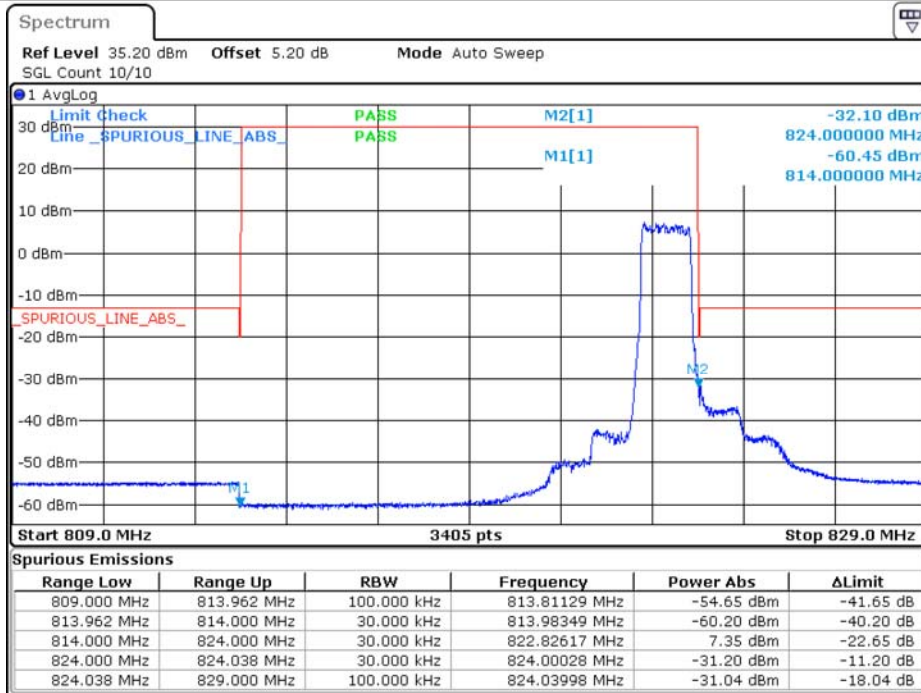


Date: 26.MAY.2021 02:57:06



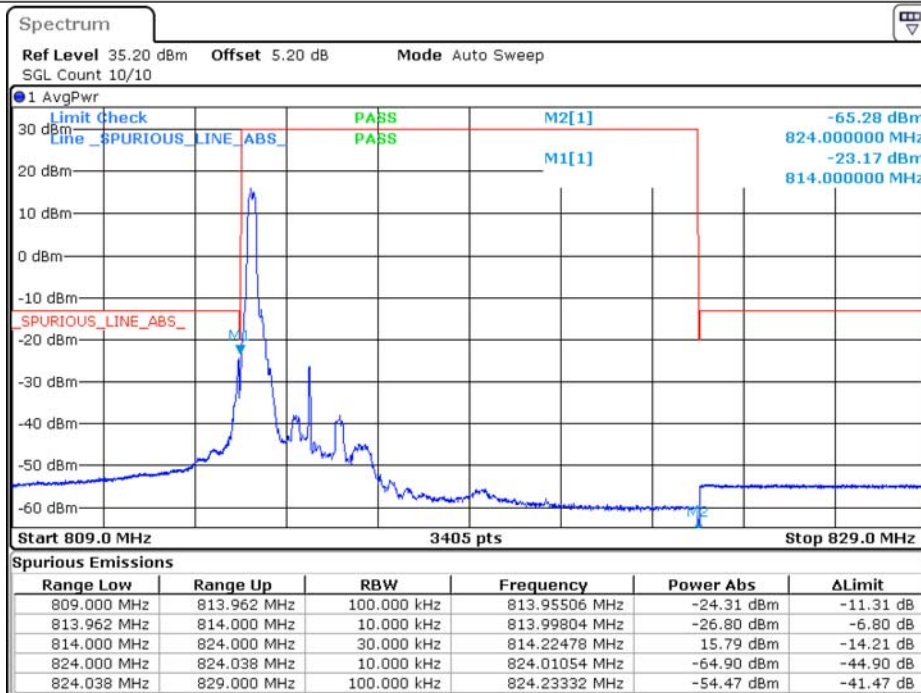
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**Band26-1.4MHz-QPSK-26783-6RB#0**



Date: 26.MAY.2021 03:00:55

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

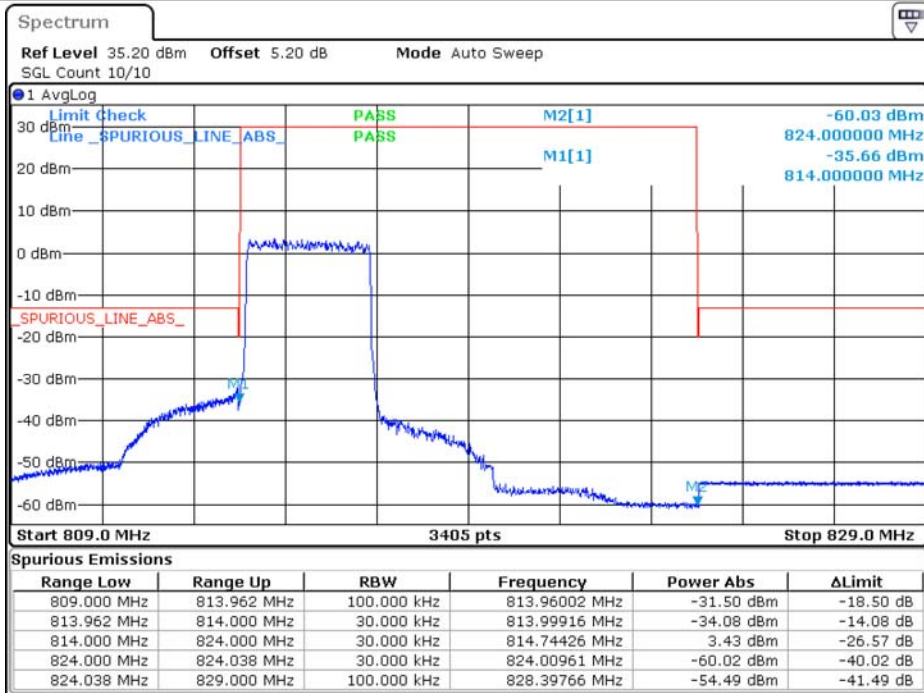


Date: 26.MAY.2021 03:02:51



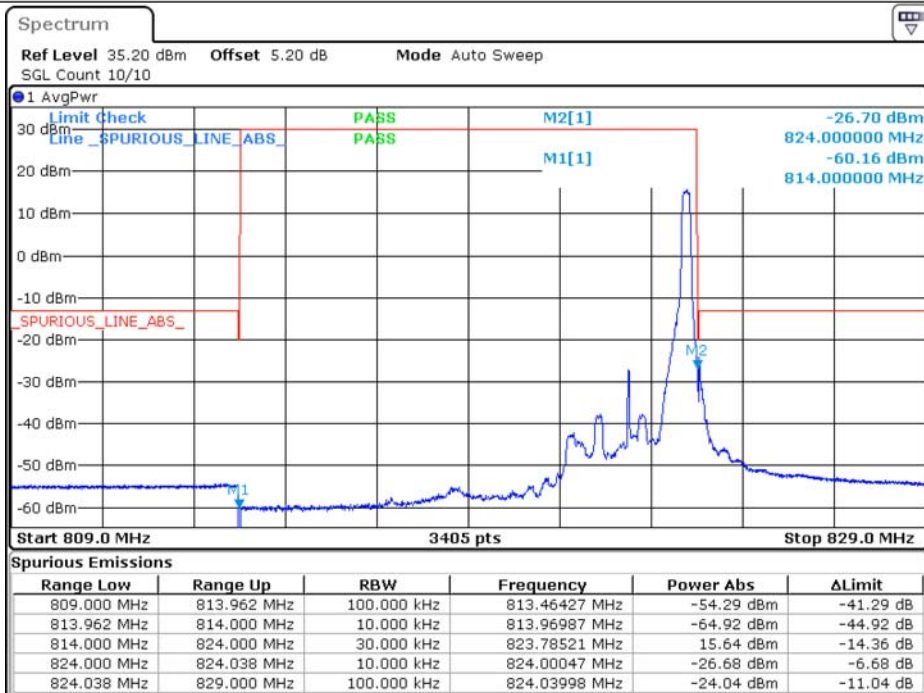
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**Band26-3MHz-QPSK-26705-15RB#0**



Date: 26.MAY.2021 03:06:37

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

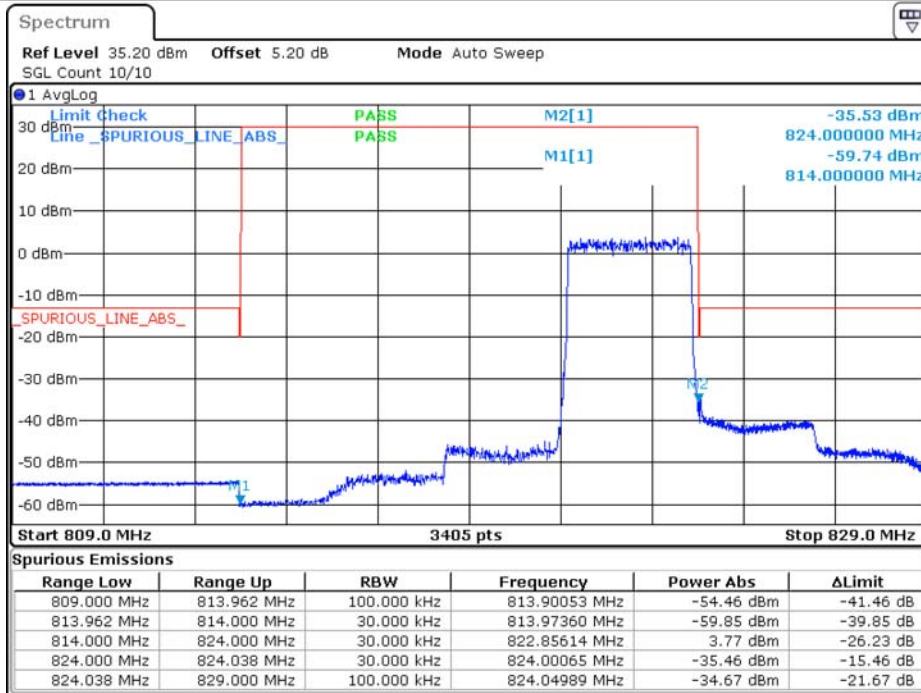


Date: 26.MAY.2021 03:04:44



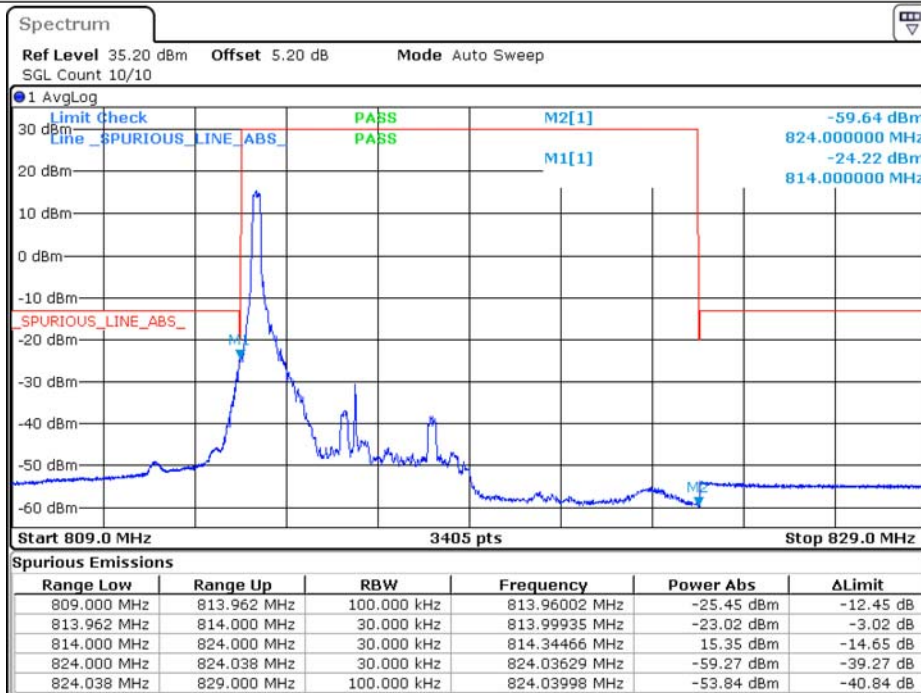
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 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn  
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 26.MAY.2021 03:08:32

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

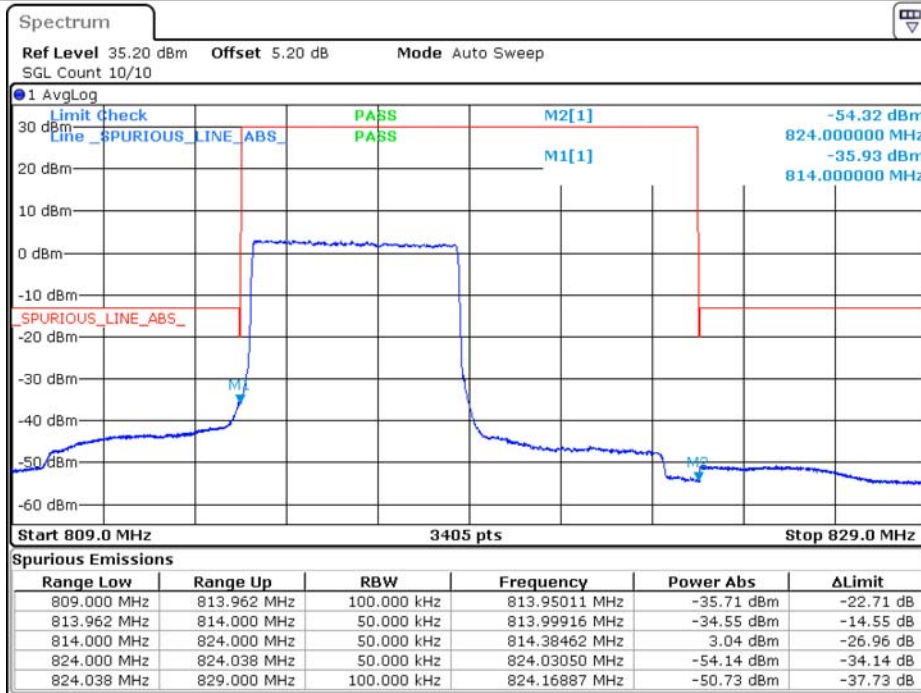


Date: 26.MAY.2021 03:10:28



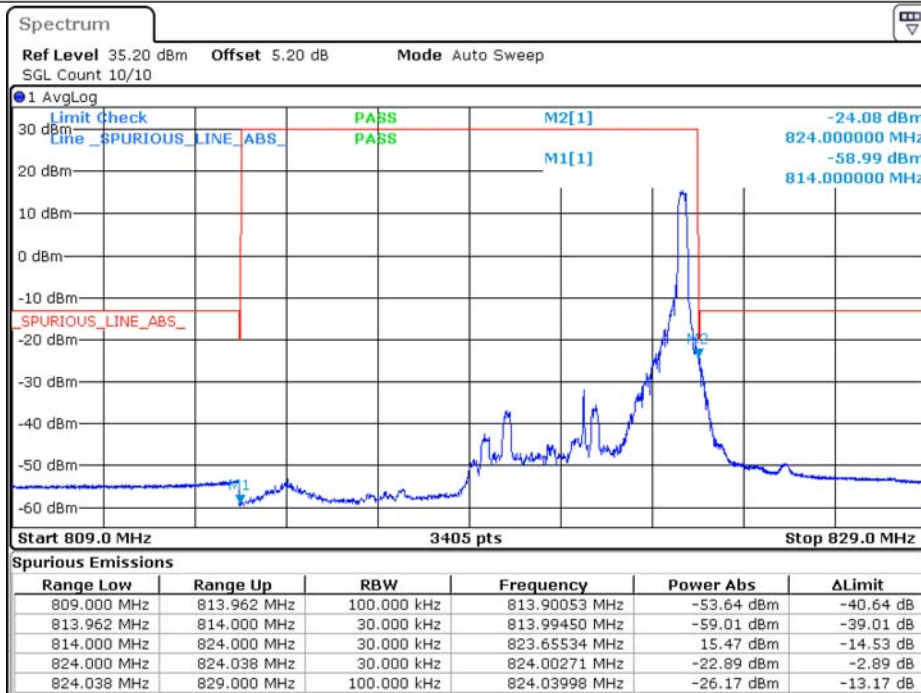
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**Band26-5MHz-QPSK-26715-25RB#0**



Date: 26.MAY.2021 03:14:19

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

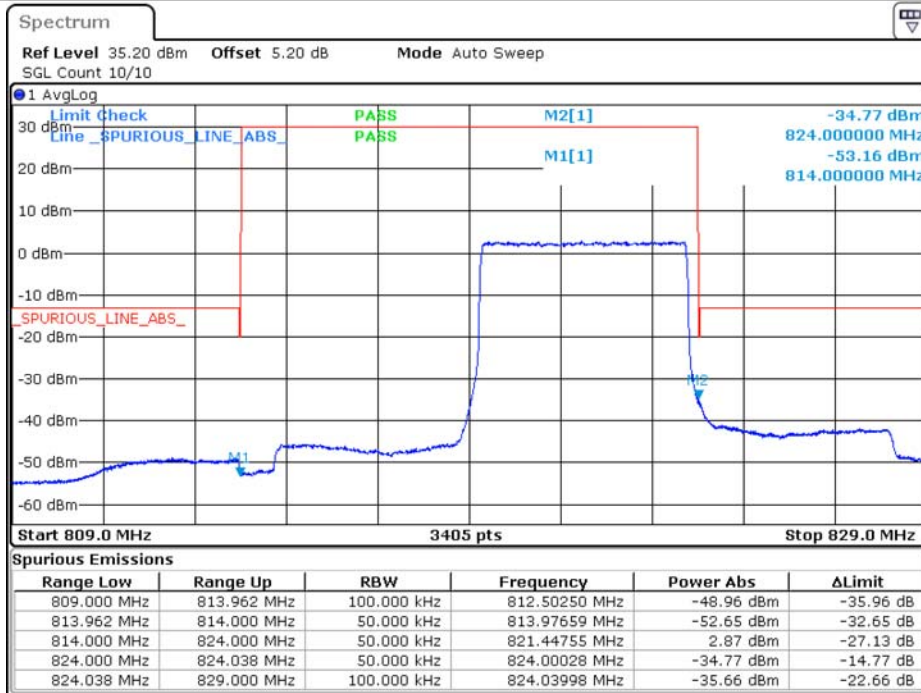


Date: 26.MAY.2021 03:12:24



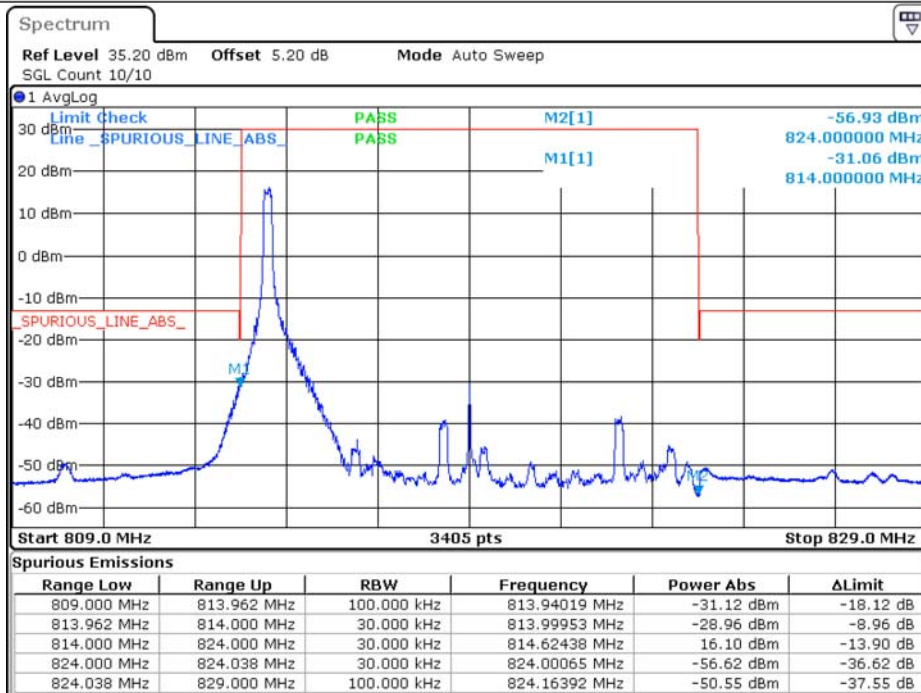
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**Band26-5MHz-QPSK-26765-25RB#0**



Date: 26.MAY.2021 03:16:13

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



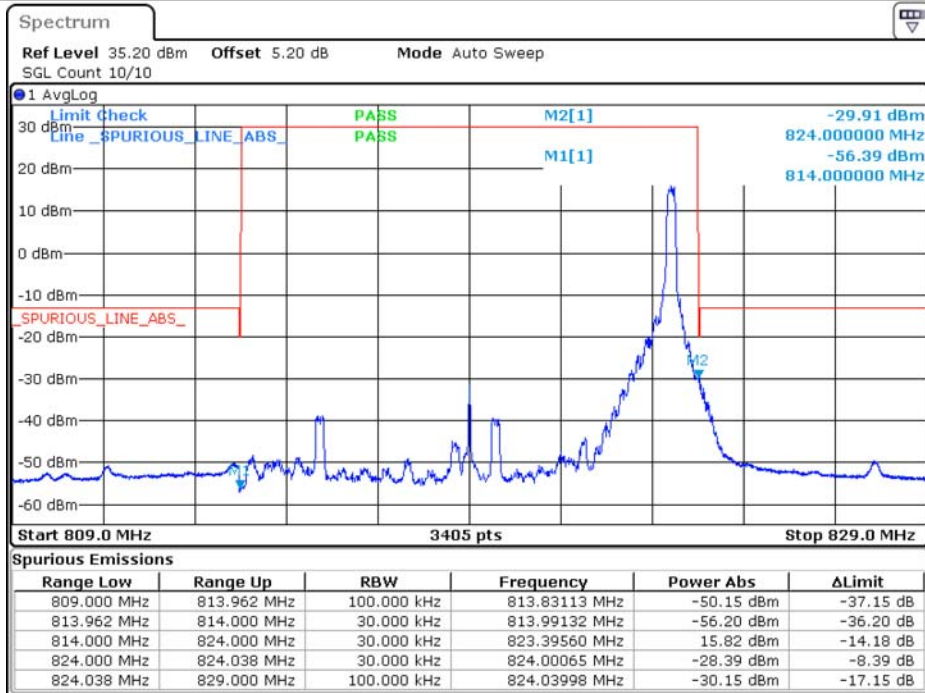
Date: 26.MAY.2021 03:18:10



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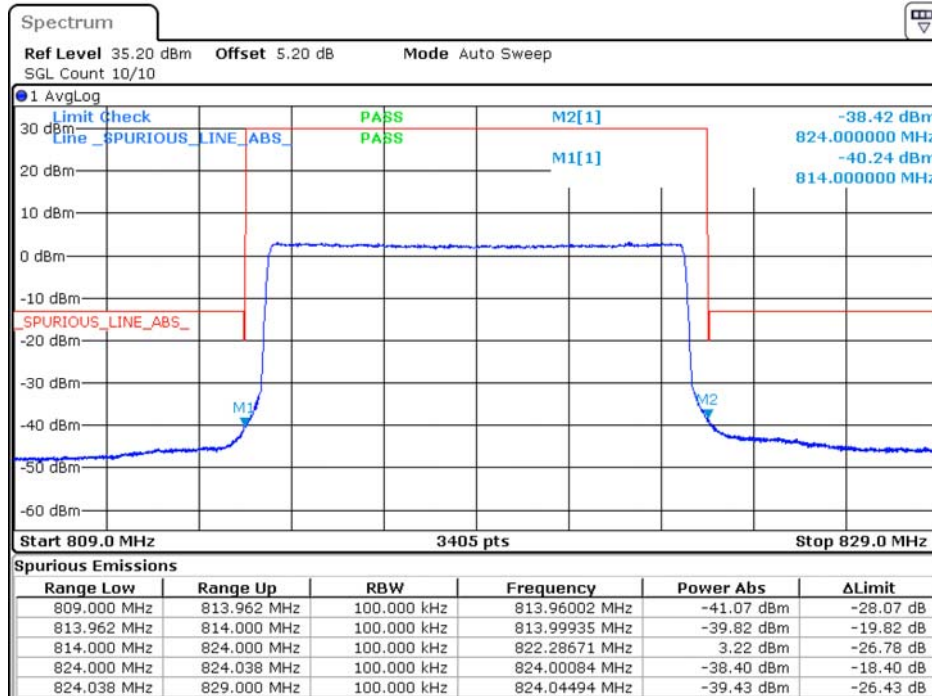


**Band26-10MHz-QPSK-26740-1RB#49**



Date: 26.MAY.2021 03:18:48

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



Date: 26.MAY.2021 03:21:59



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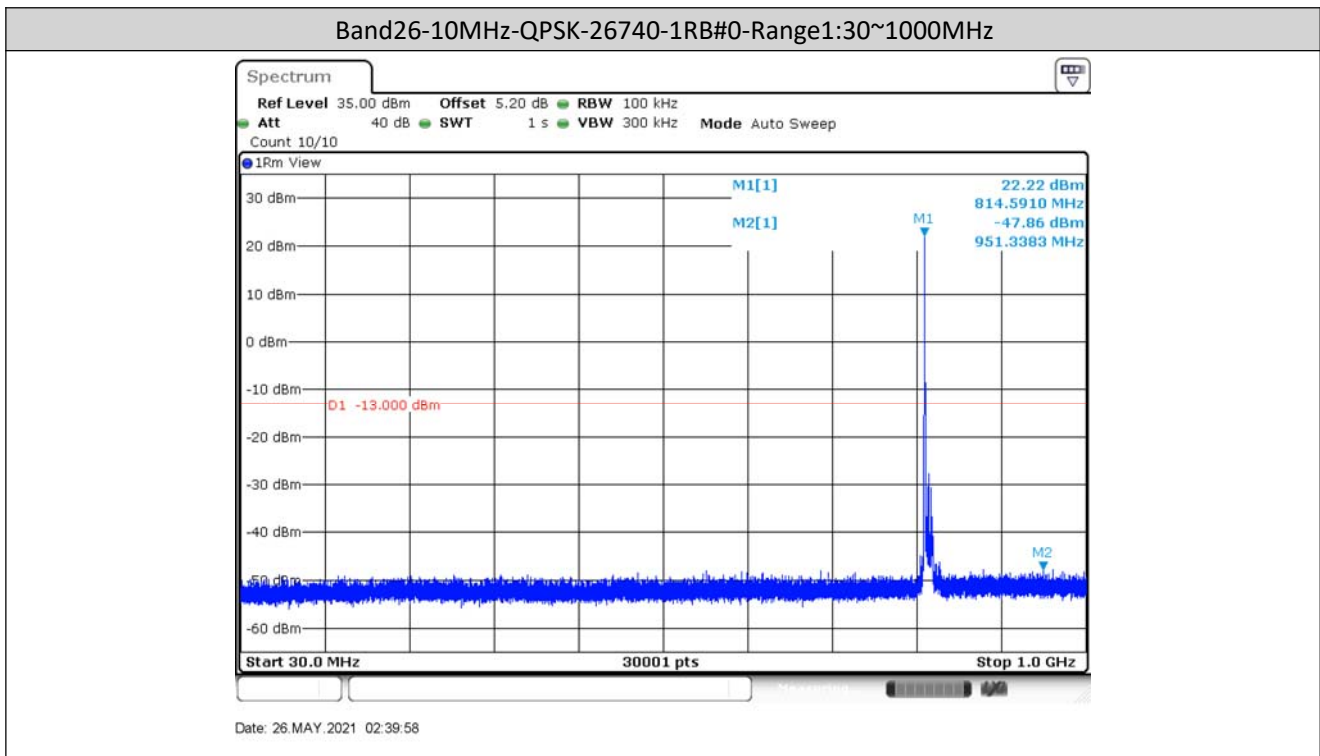
## 6. Spurious Emission at Antenna Terminal

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: 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.

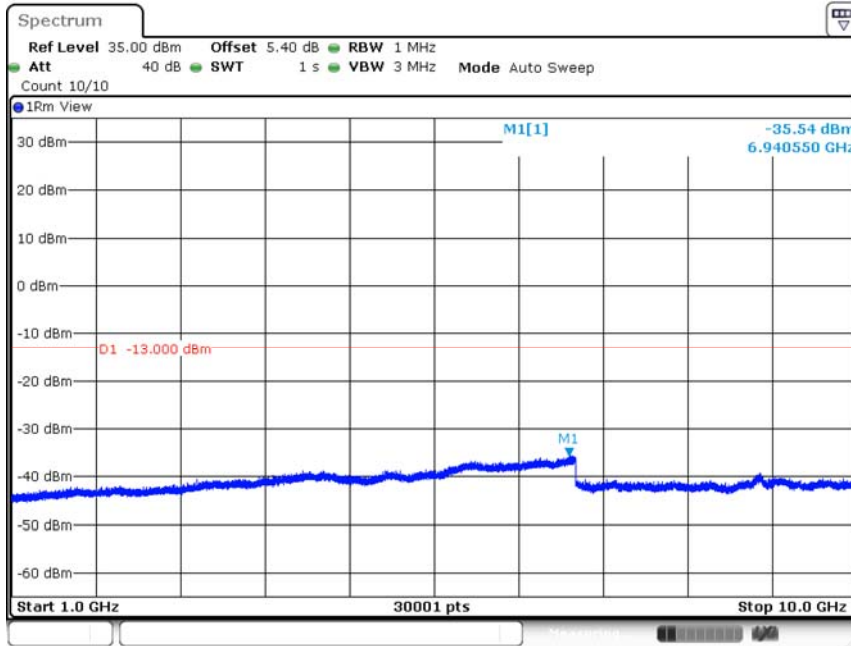
Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

### 6.1. Test Plots



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



Date: 26.MAY.2021 02:40:13



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Band =Band 26\_10M

#### 7.1.1. Test Channel = Mid Channel

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1638.1319	25.41	-44.72	-13.00	31.72	Horizontal
2	2725.9863	22.09	-43.67	-13.00	30.67	Horizontal
3	4092.8046	51.25	-62.42	-13.00	49.42	Horizontal
4	7473.2237	47.99	-54.26	-13.00	41.26	Horizontal
5	11221.1611	46.08	-49.65	-13.00	36.65	Horizontal
6	16399.420	46.49	-47.26	-13.00	34.26	Horizontal



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**7.2. Test Band = Band 26\_10M**

**7.2.1. Test Channel = Mid Channel**

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1261.9131	21.94	-48.44	-13.00	35.44	Vertical
2	2658.7829	23.10	-43.07	-13.00	30.07	Vertical
3	4404.8202	50.62	-61.67	-13.00	48.67	Vertical
4	7968.9985	50.51	-51.43	-13.00	38.43	Vertical
5	12987.499	44.75	-47.87	-13.00	34.87	Vertical
6	17929.496	45.84	-47.06	-13.00	34.06	Vertical

Remark:

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



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	VL	NT	3.30	0.004029	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	3.70	0.004518	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	0.50	0.000611	±2.5	PASS

### 8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	NV	-30	-2.00	-0.002442	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	0.40	0.000488	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-10	-2.30	-0.002808	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	0	0.50	0.000611	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	2.40	0.002930	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	-3.20	-0.003907	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	-2.00	-0.002442	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	0.70	0.000855	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	3.40	0.004151	±2.5	PASS



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