

Appendix B

E-UTRA Band 26 (814-824)



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1 Transmitter Conducted Power Output

1.1. Test Result

Down Antenna:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	23.50	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	23.55	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	23.67	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	24.06	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	23.52	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	23.66	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	23.09	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	23.46	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	23.38	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	23.53	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	23.45	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	23.69	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	23.63	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	23.09	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	23.66	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	23.53	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	23.40	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	23.65	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	23.61	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	23.43	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	23.28	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	23.30	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	23.38	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	23.31	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	23.25	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	23.19	PASS



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Band26	1.4MHz	16QAM	26697	3RB#3	23.22	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	22.20	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	23.07	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	23.54	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	23.13	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	23.41	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	22.98	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	23.42	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	22.11	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	23.62	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	23.44	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	23.58	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	23.35	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	23.33	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	23.38	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	22.35	PASS
Band26	3MHz	QPSK	26705	1RB#0	23.50	PASS
Band26	3MHz	QPSK	26705	1RB#8	23.50	PASS
Band26	3MHz	QPSK	26705	1RB#14	23.45	PASS
Band26	3MHz	QPSK	26705	8RB#7	23.18	PASS
Band26	3MHz	QPSK	26705	8RB#0	23.17	PASS
Band26	3MHz	QPSK	26705	8RB#4	23.19	PASS
Band26	3MHz	QPSK	26705	15RB#0	23.07	PASS
Band26	3MHz	QPSK	26740	1RB#8	23.60	PASS
Band26	3MHz	QPSK	26740	1RB#14	23.58	PASS
Band26	3MHz	QPSK	26740	1RB#0	23.48	PASS
Band26	3MHz	QPSK	26740	8RB#0	23.07	PASS
Band26	3MHz	QPSK	26740	8RB#4	23.17	PASS
Band26	3MHz	QPSK	26740	8RB#7	23.05	PASS
Band26	3MHz	QPSK	26740	15RB#0	23.14	PASS
Band26	3MHz	QPSK	26775	1RB#14	23.52	PASS
Band26	3MHz	QPSK	26775	1RB#0	23.59	PASS
Band26	3MHz	QPSK	26775	1RB#8	23.62	PASS



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Band26	3MHz	QPSK	26775	8RB#4	23.24	PASS
Band26	3MHz	QPSK	26775	8RB#7	23.30	PASS
Band26	3MHz	QPSK	26775	8RB#0	23.32	PASS
Band26	3MHz	QPSK	26775	15RB#0	23.28	PASS
Band26	3MHz	16QAM	26705	1RB#0	23.23	PASS
Band26	3MHz	16QAM	26705	1RB#8	23.32	PASS
Band26	3MHz	16QAM	26705	1RB#14	23.31	PASS
Band26	3MHz	16QAM	26705	8RB#0	22.21	PASS
Band26	3MHz	16QAM	26705	8RB#7	22.36	PASS
Band26	3MHz	16QAM	26705	8RB#4	22.18	PASS
Band26	3MHz	16QAM	26705	15RB#0	22.10	PASS
Band26	3MHz	16QAM	26740	1RB#0	23.23	PASS
Band26	3MHz	16QAM	26740	1RB#8	23.20	PASS
Band26	3MHz	16QAM	26740	1RB#14	23.09	PASS
Band26	3MHz	16QAM	26740	8RB#4	22.16	PASS
Band26	3MHz	16QAM	26740	8RB#7	22.12	PASS
Band26	3MHz	16QAM	26740	8RB#0	22.20	PASS
Band26	3MHz	16QAM	26740	15RB#0	22.16	PASS
Band26	3MHz	16QAM	26775	1RB#0	23.55	PASS
Band26	3MHz	16QAM	26775	1RB#8	23.51	PASS
Band26	3MHz	16QAM	26775	1RB#14	23.37	PASS
Band26	3MHz	16QAM	26775	8RB#7	22.31	PASS
Band26	3MHz	16QAM	26775	8RB#0	22.29	PASS
Band26	3MHz	16QAM	26775	8RB#4	22.33	PASS
Band26	3MHz	16QAM	26775	15RB#0	22.25	PASS
Band26	5MHz	QPSK	26715	1RB#24	23.46	PASS
Band26	5MHz	QPSK	26715	1RB#12	23.51	PASS
Band26	5MHz	QPSK	26715	1RB#0	23.93	PASS
Band26	5MHz	QPSK	26715	12RB#0	23.13	PASS
Band26	5MHz	QPSK	26715	12RB#6	23.13	PASS
Band26	5MHz	QPSK	26715	12RB#13	23.25	PASS
Band26	5MHz	QPSK	26715	25RB#0	23.21	PASS
Band26	5MHz	QPSK	26740	1RB#0	23.60	PASS



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Band26	5MHz	QPSK	26740	1RB#24	23.45	PASS
Band26	5MHz	QPSK	26740	1RB#12	23.63	PASS
Band26	5MHz	QPSK	26740	12RB#13	23.12	PASS
Band26	5MHz	QPSK	26740	12RB#6	23.14	PASS
Band26	5MHz	QPSK	26740	12RB#0	23.28	PASS
Band26	5MHz	QPSK	26740	25RB#0	23.09	PASS
Band26	5MHz	QPSK	26765	1RB#24	23.83	PASS
Band26	5MHz	QPSK	26765	1RB#12	23.50	PASS
Band26	5MHz	QPSK	26765	1RB#0	23.81	PASS
Band26	5MHz	QPSK	26765	12RB#13	23.28	PASS
Band26	5MHz	QPSK	26765	12RB#6	23.29	PASS
Band26	5MHz	QPSK	26765	12RB#0	23.37	PASS
Band26	5MHz	QPSK	26765	25RB#0	23.29	PASS
Band26	5MHz	16QAM	26715	1RB#12	23.33	PASS
Band26	5MHz	16QAM	26715	1RB#24	22.94	PASS
Band26	5MHz	16QAM	26715	1RB#0	23.28	PASS
Band26	5MHz	16QAM	26715	12RB#6	22.19	PASS
Band26	5MHz	16QAM	26715	12RB#13	22.21	PASS
Band26	5MHz	16QAM	26715	12RB#0	22.15	PASS
Band26	5MHz	16QAM	26715	25RB#0	22.25	PASS
Band26	5MHz	16QAM	26740	1RB#12	23.05	PASS
Band26	5MHz	16QAM	26740	1RB#24	23.33	PASS
Band26	5MHz	16QAM	26740	1RB#0	23.35	PASS
Band26	5MHz	16QAM	26740	12RB#13	22.18	PASS
Band26	5MHz	16QAM	26740	12RB#6	22.23	PASS
Band26	5MHz	16QAM	26740	12RB#0	22.27	PASS
Band26	5MHz	16QAM	26740	25RB#0	22.11	PASS
Band26	5MHz	16QAM	26765	1RB#12	23.06	PASS
Band26	5MHz	16QAM	26765	1RB#24	23.44	PASS
Band26	5MHz	16QAM	26765	1RB#0	23.57	PASS
Band26	5MHz	16QAM	26765	12RB#0	22.38	PASS
Band26	5MHz	16QAM	26765	12RB#13	22.26	PASS
Band26	5MHz	16QAM	26765	12RB#6	22.29	PASS



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Band26	5MHz	16QAM	26765	25RB#0	22.35	PASS
Band26	10MHz	QPSK	26740	1RB#49	22.90	PASS
Band26	10MHz	QPSK	26740	1RB#0	23.42	PASS
Band26	10MHz	QPSK	26740	1RB#24	23.79	PASS
Band26	10MHz	QPSK	26740	25RB#25	23.05	PASS
Band26	10MHz	QPSK	26740	25RB#12	23.28	PASS
Band26	10MHz	QPSK	26740	25RB#0	23.23	PASS
Band26	10MHz	QPSK	26740	50RB#0	23.22	PASS
Band26	10MHz	16QAM	26740	1RB#24	23.64	PASS
Band26	10MHz	16QAM	26740	1RB#0	23.57	PASS
Band26	10MHz	16QAM	26740	1RB#49	23.19	PASS
Band26	10MHz	16QAM	26740	25RB#0	22.26	PASS
Band26	10MHz	16QAM	26740	25RB#12	22.26	PASS
Band26	10MHz	16QAM	26740	25RB#25	22.07	PASS
Band26	10MHz	16QAM	26740	50RB#0	22.25	PASS



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Up Antenna:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	23.35	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	23.56	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	23.50	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	22.65	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	22.64	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	22.98	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	22.45	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	23.07	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	23.39	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	23.29	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	22.74	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	22.78	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	22.72	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	22.20	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	23.34	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	23.20	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	23.40	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	22.58	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	22.52	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	22.59	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	22.10	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	22.86	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	23.06	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	22.87	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	22.56	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	22.56	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	22.46	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	21.84	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	22.80	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	22.51	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	22.25	PASS



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Band26	1.4MHz	16QAM	26740	3RB#3	22.46	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	22.39	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	22.40	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	21.23	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	22.50	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	22.32	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	22.28	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	22.07	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	21.98	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	21.70	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	21.20	PASS
Band26	3MHz	QPSK	26705	1RB#0	23.40	PASS
Band26	3MHz	QPSK	26705	1RB#8	23.46	PASS
Band26	3MHz	QPSK	26705	1RB#14	23.41	PASS
Band26	3MHz	QPSK	26705	8RB#7	22.58	PASS
Band26	3MHz	QPSK	26705	8RB#0	22.49	PASS
Band26	3MHz	QPSK	26705	8RB#4	22.54	PASS
Band26	3MHz	QPSK	26705	15RB#0	22.42	PASS
Band26	3MHz	QPSK	26740	1RB#8	23.23	PASS
Band26	3MHz	QPSK	26740	1RB#14	23.35	PASS
Band26	3MHz	QPSK	26740	1RB#0	23.37	PASS
Band26	3MHz	QPSK	26740	8RB#0	22.53	PASS
Band26	3MHz	QPSK	26740	8RB#4	22.54	PASS
Band26	3MHz	QPSK	26740	8RB#7	22.60	PASS
Band26	3MHz	QPSK	26740	15RB#0	22.50	PASS
Band26	3MHz	QPSK	26775	1RB#14	23.45	PASS
Band26	3MHz	QPSK	26775	1RB#0	23.55	PASS
Band26	3MHz	QPSK	26775	1RB#8	23.65	PASS
Band26	3MHz	QPSK	26775	8RB#4	22.54	PASS
Band26	3MHz	QPSK	26775	8RB#7	22.59	PASS
Band26	3MHz	QPSK	26775	8RB#0	22.62	PASS
Band26	3MHz	QPSK	26775	15RB#0	22.52	PASS
Band26	3MHz	16QAM	26705	1RB#0	22.59	PASS



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Band26	3MHz	16QAM	26705	1RB#8	22.37	PASS
Band26	3MHz	16QAM	26705	1RB#14	22.60	PASS
Band26	3MHz	16QAM	26705	8RB#0	21.47	PASS
Band26	3MHz	16QAM	26705	8RB#7	21.61	PASS
Band26	3MHz	16QAM	26705	8RB#4	21.48	PASS
Band26	3MHz	16QAM	26705	15RB#0	21.55	PASS
Band26	3MHz	16QAM	26740	1RB#0	22.83	PASS
Band26	3MHz	16QAM	26740	1RB#8	22.53	PASS
Band26	3MHz	16QAM	26740	1RB#14	22.46	PASS
Band26	3MHz	16QAM	26740	8RB#4	21.74	PASS
Band26	3MHz	16QAM	26740	8RB#7	21.34	PASS
Band26	3MHz	16QAM	26740	8RB#0	21.67	PASS
Band26	3MHz	16QAM	26740	15RB#0	21.55	PASS
Band26	3MHz	16QAM	26775	1RB#0	22.79	PASS
Band26	3MHz	16QAM	26775	1RB#8	23.16	PASS
Band26	3MHz	16QAM	26775	1RB#14	22.39	PASS
Band26	3MHz	16QAM	26775	8RB#7	21.51	PASS
Band26	3MHz	16QAM	26775	8RB#0	21.54	PASS
Band26	3MHz	16QAM	26775	8RB#4	21.59	PASS
Band26	3MHz	16QAM	26775	15RB#0	21.58	PASS
Band26	5MHz	QPSK	26715	1RB#24	23.40	PASS
Band26	5MHz	QPSK	26715	1RB#12	23.63	PASS
Band26	5MHz	QPSK	26715	1RB#0	23.37	PASS
Band26	5MHz	QPSK	26715	12RB#0	22.46	PASS
Band26	5MHz	QPSK	26715	12RB#6	22.42	PASS
Band26	5MHz	QPSK	26715	12RB#13	22.53	PASS
Band26	5MHz	QPSK	26715	25RB#0	22.45	PASS
Band26	5MHz	QPSK	26740	1RB#0	23.37	PASS
Band26	5MHz	QPSK	26740	1RB#24	23.40	PASS
Band26	5MHz	QPSK	26740	1RB#12	23.46	PASS
Band26	5MHz	QPSK	26740	12RB#13	22.66	PASS
Band26	5MHz	QPSK	26740	12RB#6	22.37	PASS
Band26	5MHz	QPSK	26740	12RB#0	22.33	PASS



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Band26	5MHz	QPSK	26740	25RB#0	22.63	PASS
Band26	5MHz	QPSK	26765	1RB#24	23.16	PASS
Band26	5MHz	QPSK	26765	1RB#12	23.47	PASS
Band26	5MHz	QPSK	26765	1RB#0	23.12	PASS
Band26	5MHz	QPSK	26765	12RB#13	22.11	PASS
Band26	5MHz	QPSK	26765	12RB#6	22.36	PASS
Band26	5MHz	QPSK	26765	12RB#0	22.37	PASS
Band26	5MHz	QPSK	26765	25RB#0	22.40	PASS
Band26	5MHz	16QAM	26715	1RB#12	22.71	PASS
Band26	5MHz	16QAM	26715	1RB#24	22.55	PASS
Band26	5MHz	16QAM	26715	1RB#0	22.80	PASS
Band26	5MHz	16QAM	26715	12RB#6	21.62	PASS
Band26	5MHz	16QAM	26715	12RB#13	21.47	PASS
Band26	5MHz	16QAM	26715	12RB#0	21.50	PASS
Band26	5MHz	16QAM	26715	25RB#0	21.36	PASS
Band26	5MHz	16QAM	26740	1RB#12	22.69	PASS
Band26	5MHz	16QAM	26740	1RB#24	22.72	PASS
Band26	5MHz	16QAM	26740	1RB#0	22.54	PASS
Band26	5MHz	16QAM	26740	12RB#13	21.52	PASS
Band26	5MHz	16QAM	26740	12RB#6	21.32	PASS
Band26	5MHz	16QAM	26740	12RB#0	21.70	PASS
Band26	5MHz	16QAM	26740	25RB#0	21.36	PASS
Band26	5MHz	16QAM	26765	1RB#12	22.28	PASS
Band26	5MHz	16QAM	26765	1RB#24	23.09	PASS
Band26	5MHz	16QAM	26765	1RB#0	22.37	PASS
Band26	5MHz	16QAM	26765	12RB#0	21.09	PASS
Band26	5MHz	16QAM	26765	12RB#13	21.33	PASS
Band26	5MHz	16QAM	26765	12RB#6	21.43	PASS
Band26	5MHz	16QAM	26765	25RB#0	21.38	PASS
Band26	10MHz	QPSK	26740	1RB#49	23.82	PASS
Band26	10MHz	QPSK	26740	1RB#0	23.53	PASS
Band26	10MHz	QPSK	26740	1RB#24	23.48	PASS
Band26	10MHz	QPSK	26740	25RB#25	22.56	PASS



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Band26	10MHz	QPSK	26740	25RB#12	22.54	PASS
Band26	10MHz	QPSK	26740	25RB#0	22.42	PASS
Band26	10MHz	QPSK	26740	50RB#0	22.51	PASS
Band26	10MHz	16QAM	26740	1RB#24	22.79	PASS
Band26	10MHz	16QAM	26740	1RB#0	22.73	PASS
Band26	10MHz	16QAM	26740	1RB#49	22.97	PASS
Band26	10MHz	16QAM	26740	25RB#0	21.63	PASS
Band26	10MHz	16QAM	26740	25RB#12	21.44	PASS
Band26	10MHz	16QAM	26740	25RB#25	21.37	PASS
Band26	10MHz	16QAM	26740	50RB#0	21.47	PASS



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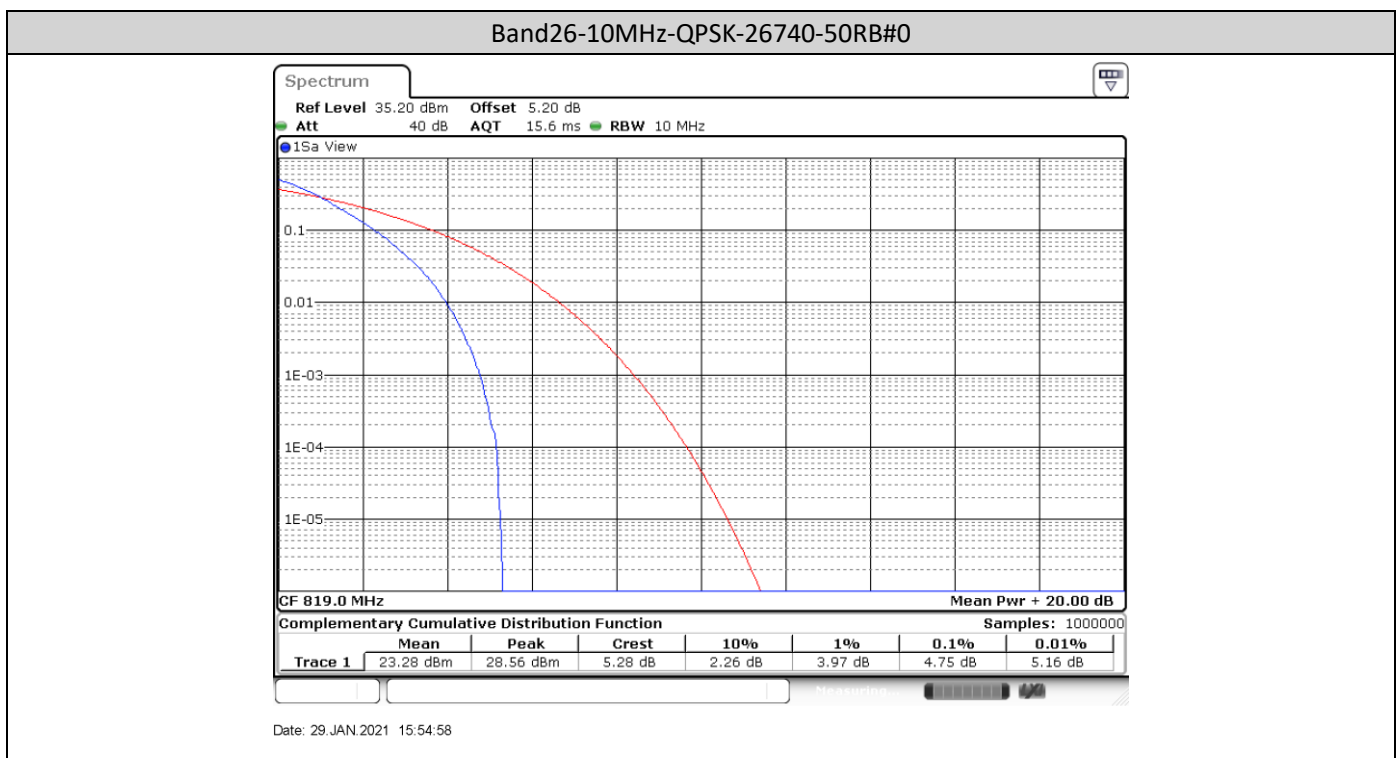


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	4.75	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	5.71	13	PASS

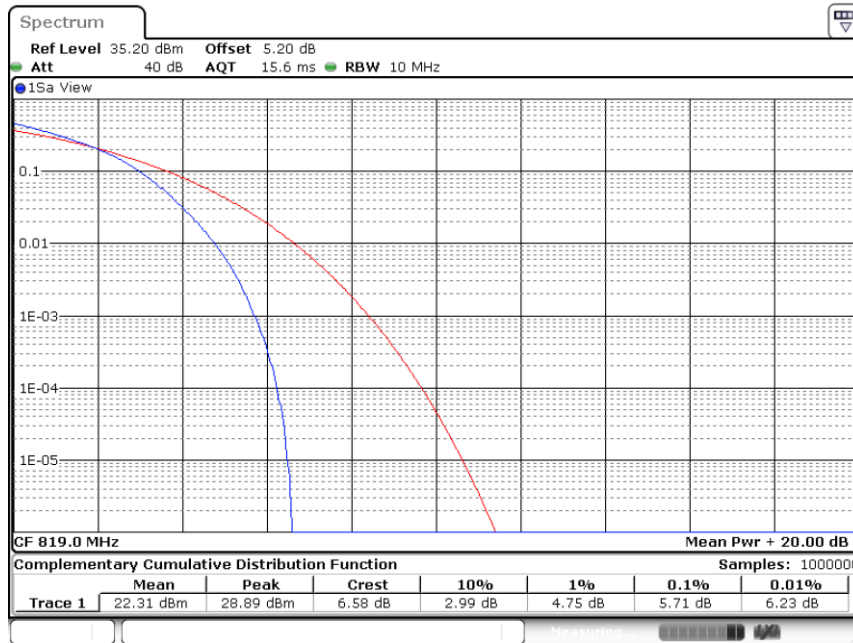
2.2. Test Plots



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



Date: 29 JAN 2021 15:55:09



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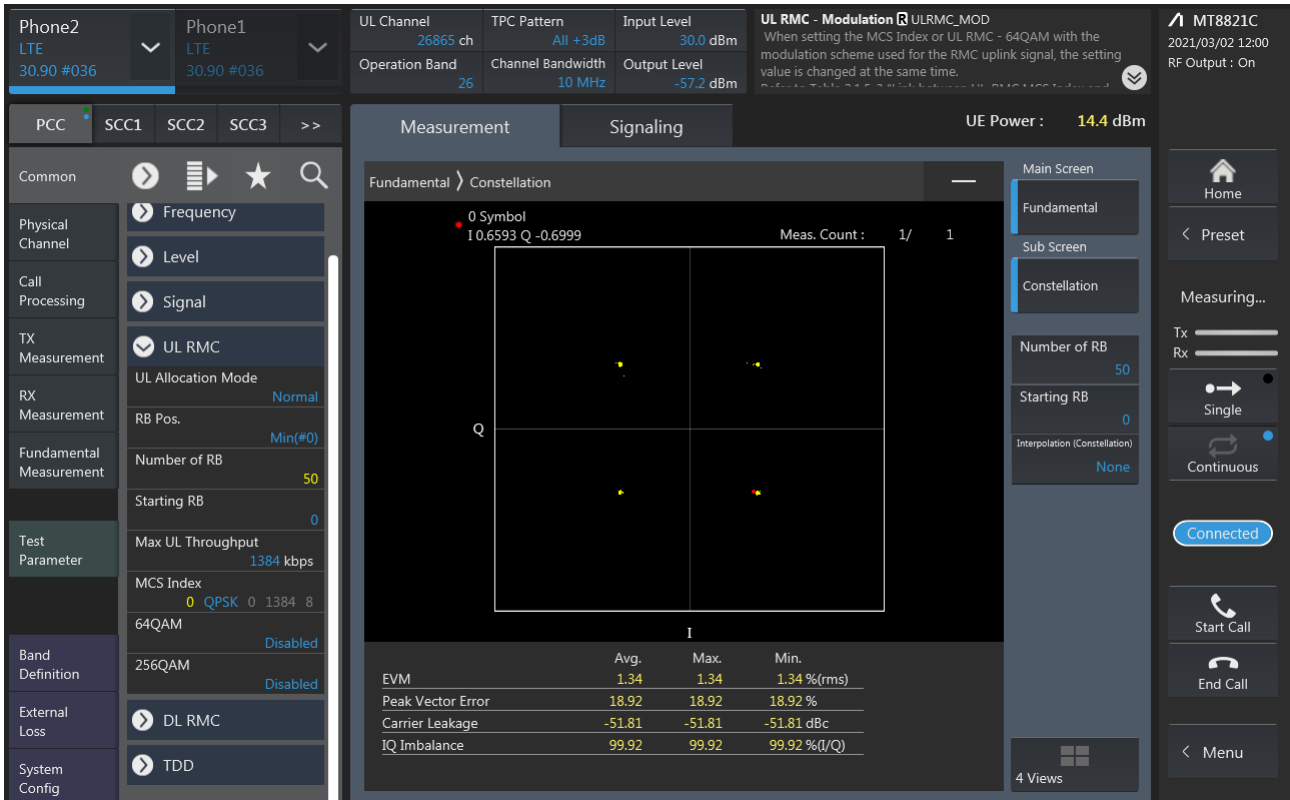
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

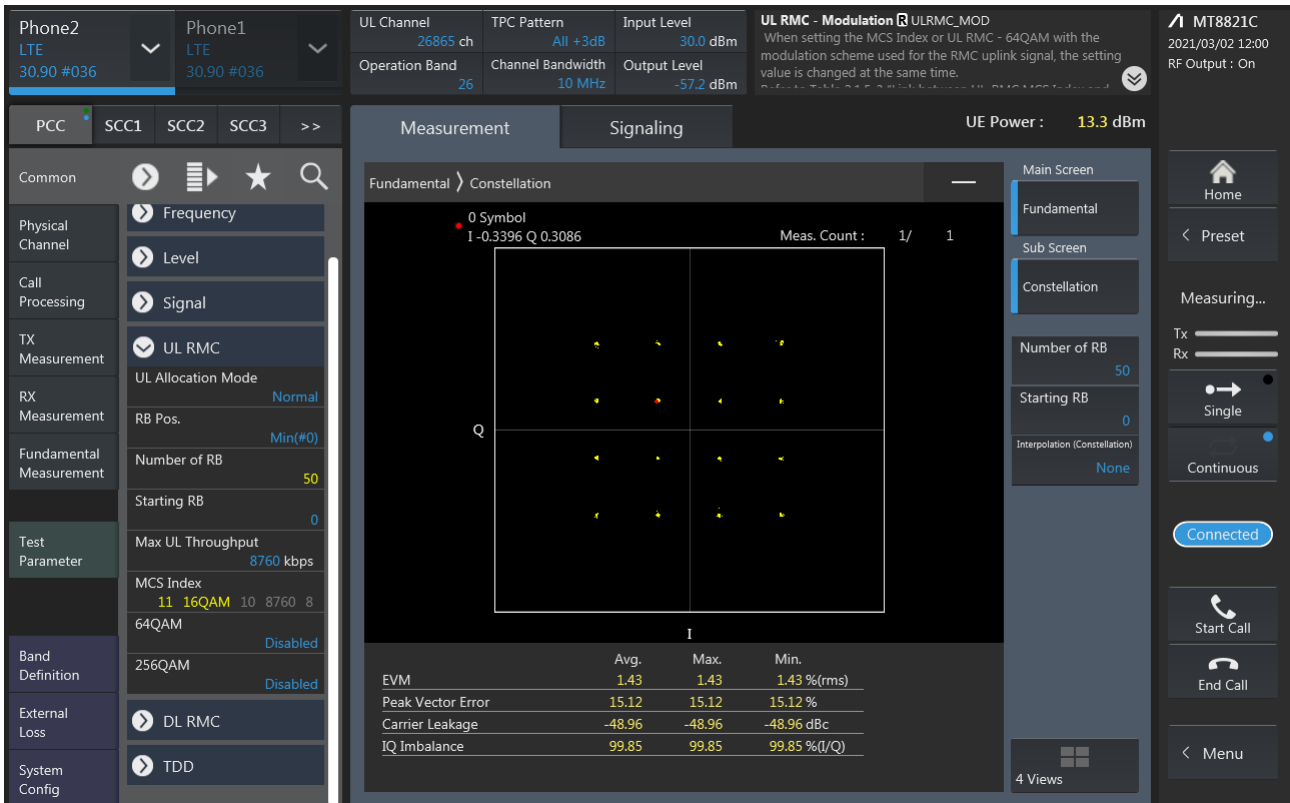
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 10MHz

3.2.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.094	1.293	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.091	1.296	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.091	1.284	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.091	1.278	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.091	1.281	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.091	1.281	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.703	3.000	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.691	2.988	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.697	3.000	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.685	2.970	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.685	2.970	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.685	2.976	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.476	4.930	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.476	4.930	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.476	4.920	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.496	4.940	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.476	4.960	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.496	4.940	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.911	9.720	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.931	9.740	PASS



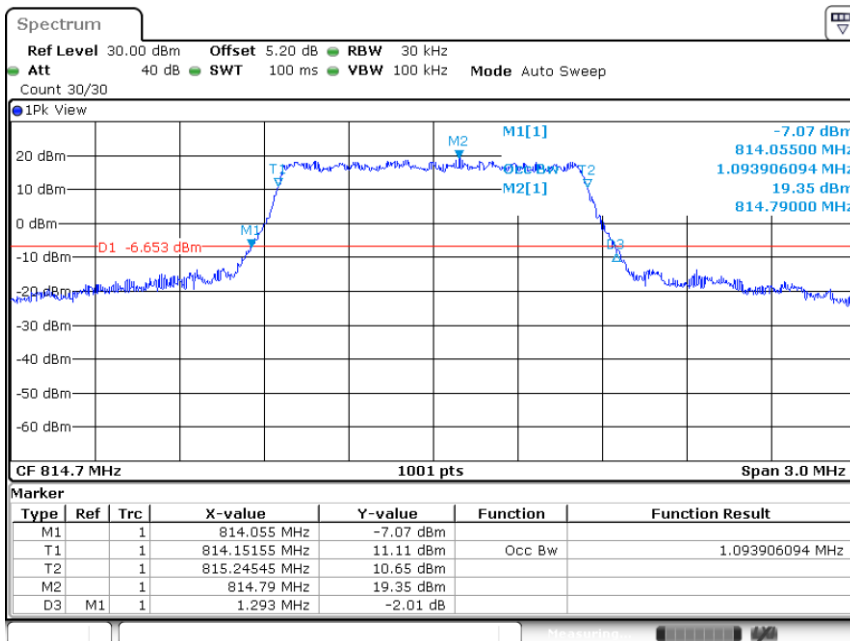
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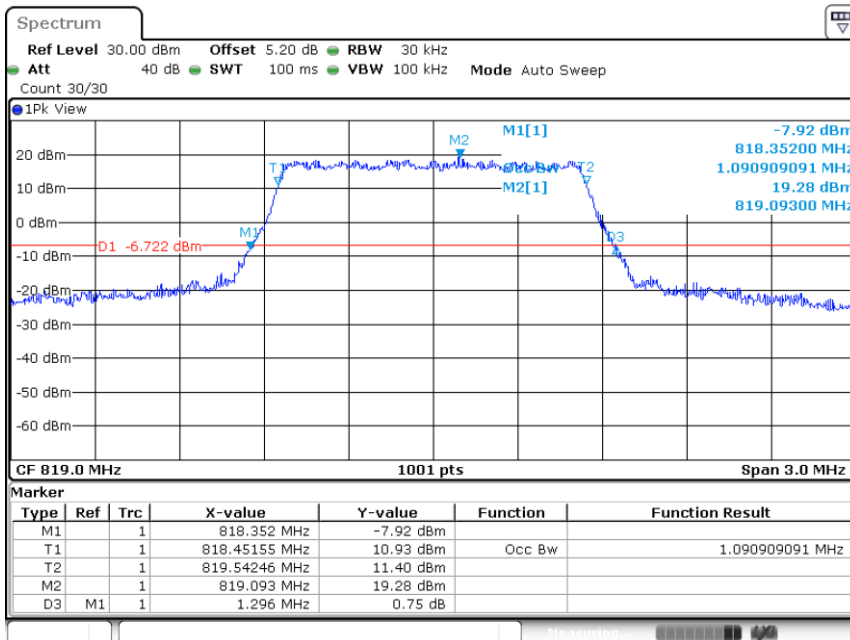
4.2. Test Plots

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



Date: 29 JAN 2021 15:22:49

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

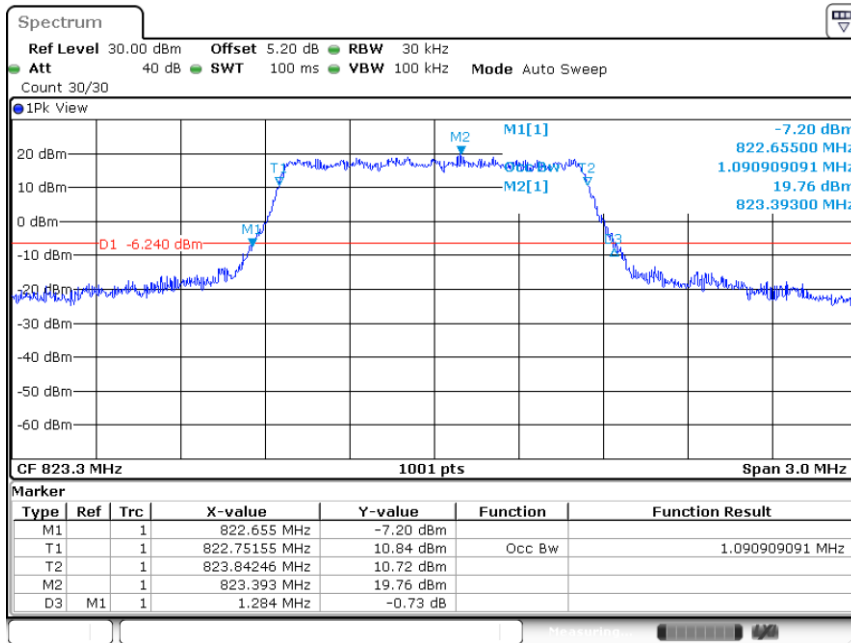


Date: 29 JAN 2021 15:23:15



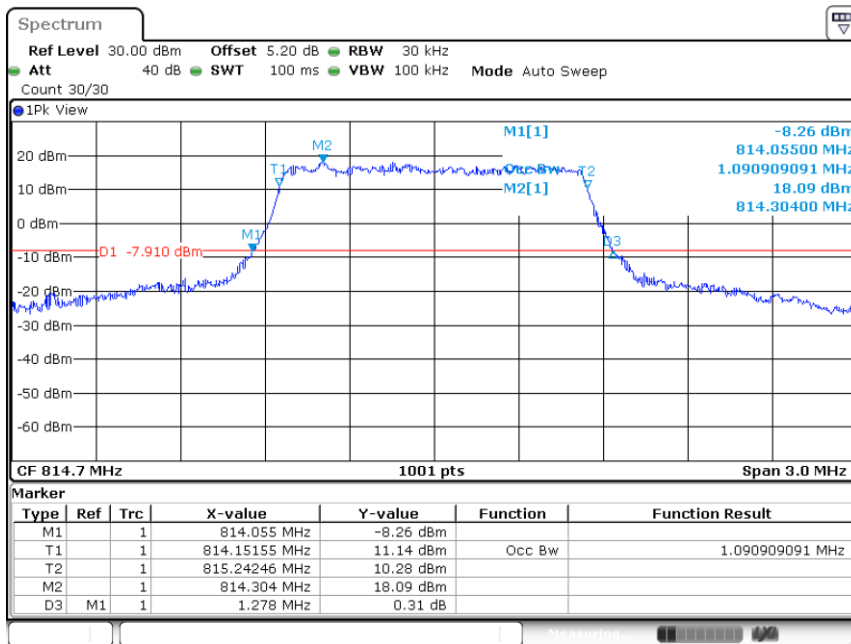
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Band26-1.4MHz-QPSK-26783-6RB#0-1.091



Date: 29. JAN 2021 15:23:40

Band26-1.4MHz-16QAM-26697-6RB#0-1.091

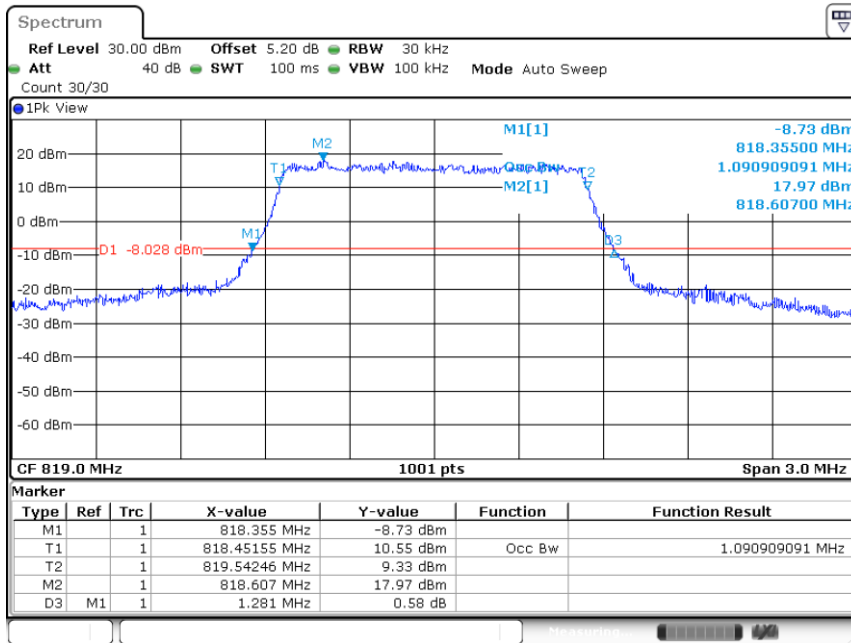


Date: 29. JAN 2021 15:23:02



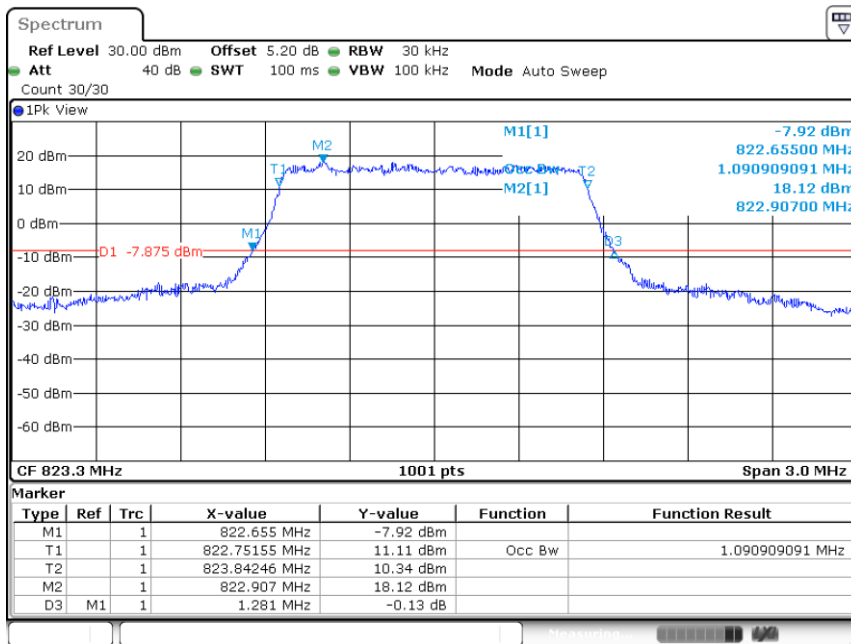
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Band26-1.4MHz-16QAM-26740-6RB#0-1.091



Date: 29.JAN.2021 15:23:27

Band26-1.4MHz-16QAM-26783-6RB#0-1.091

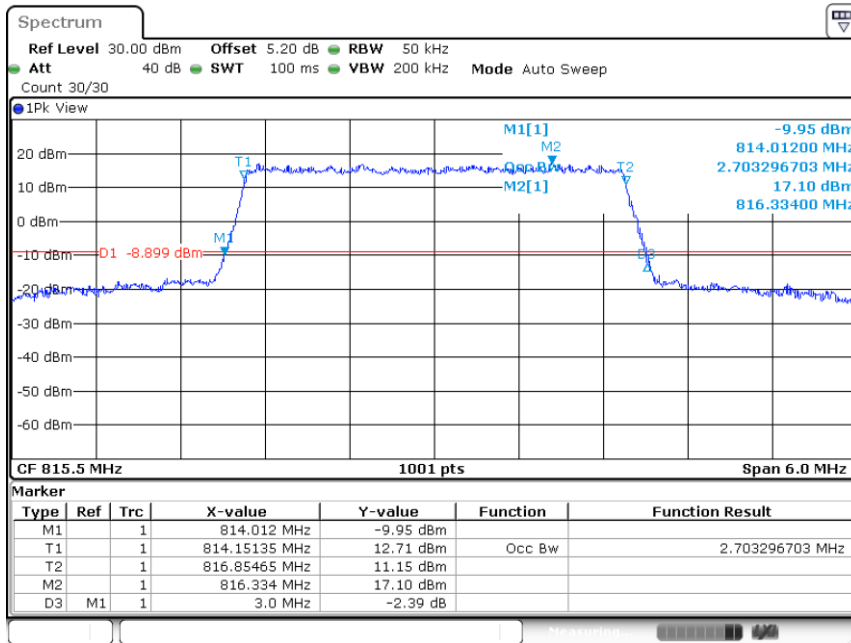


Date: 29.JAN.2021 15:23:53



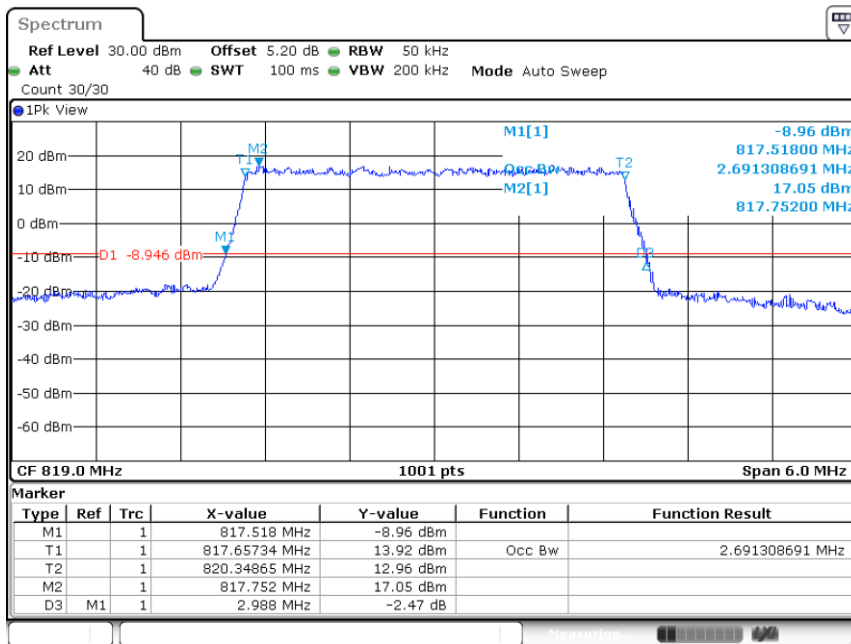
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Band26-3MHz-QPSK-26705-15RB#0-2.703



Date: 29.JAN.2021 15:24:11

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

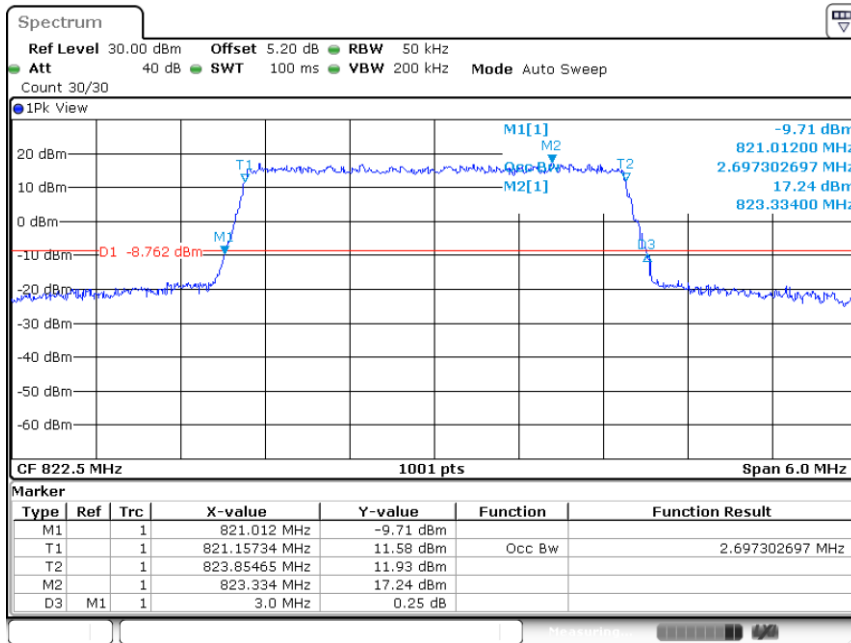


Date: 29.JAN.2021 15:24:37



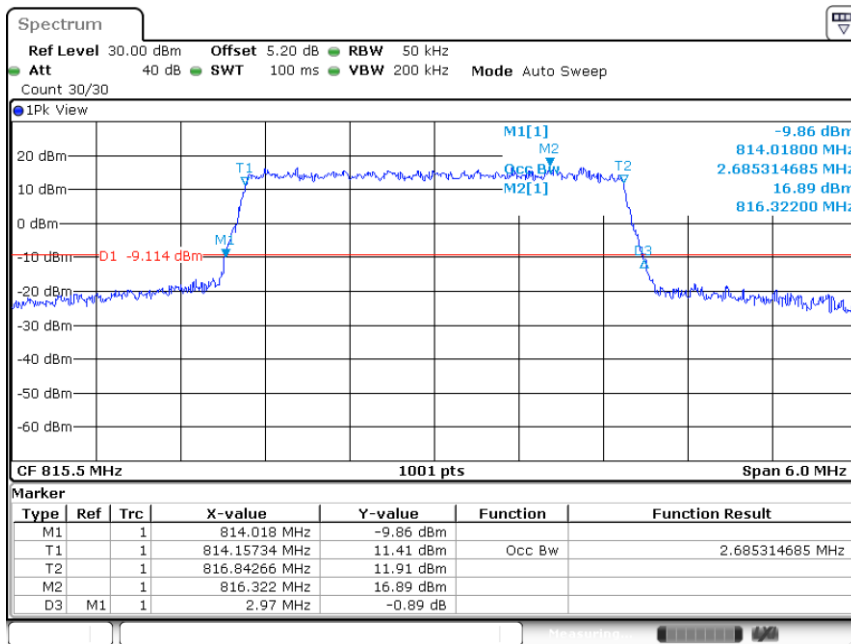
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Band26-3MHz-QPSK-26775-15RB#0-2.697



Date: 29.JAN.2021 15:25:02

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

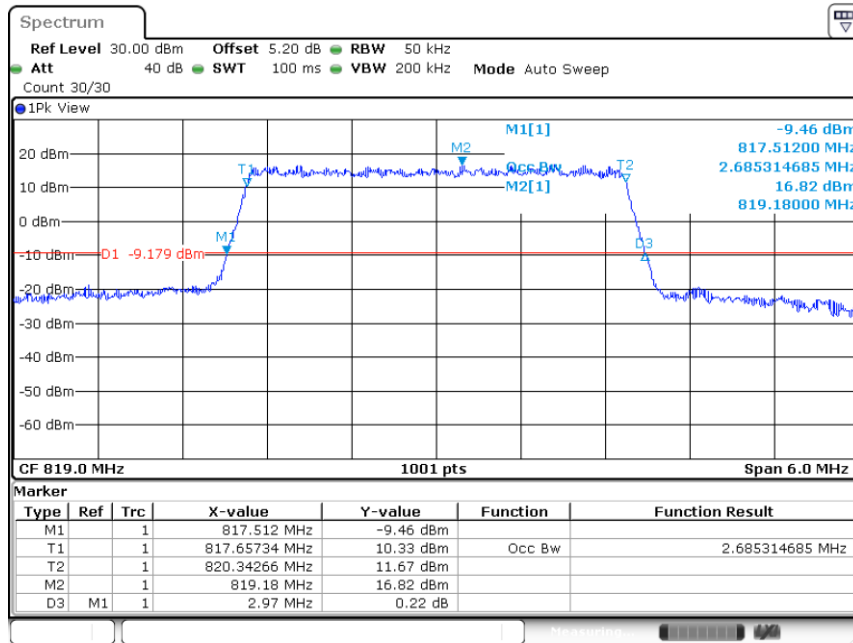


Date: 29.JAN.2021 15:24:24



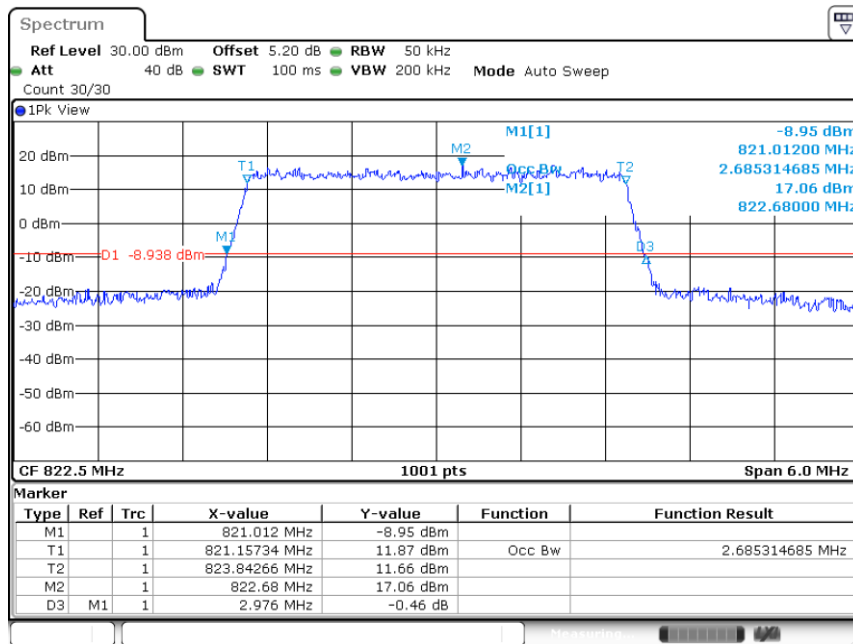
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Band26-3MHz-16QAM-26740-15RB#0-2.685



Date: 29.JAN.2021 15:24:49

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

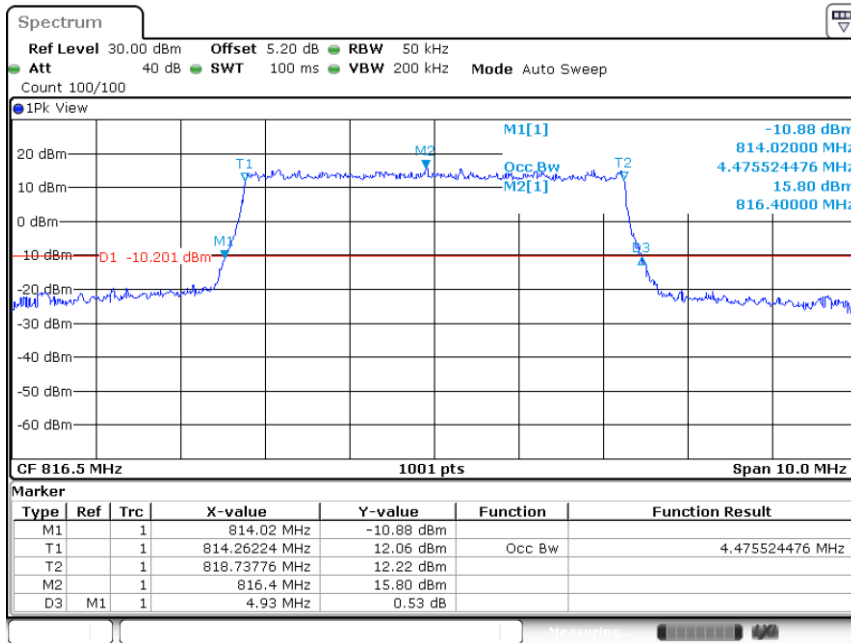


Date: 29.JAN.2021 15:25:15



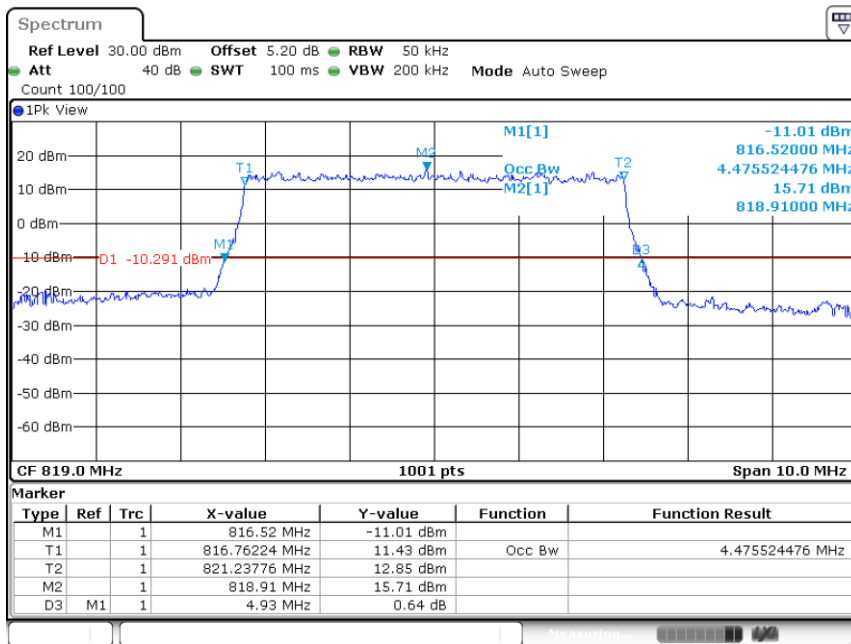
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Band26-5MHz-QPSK-26715-25RB#0-4.476



Date: 29.JAN.2021 15:25:40

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

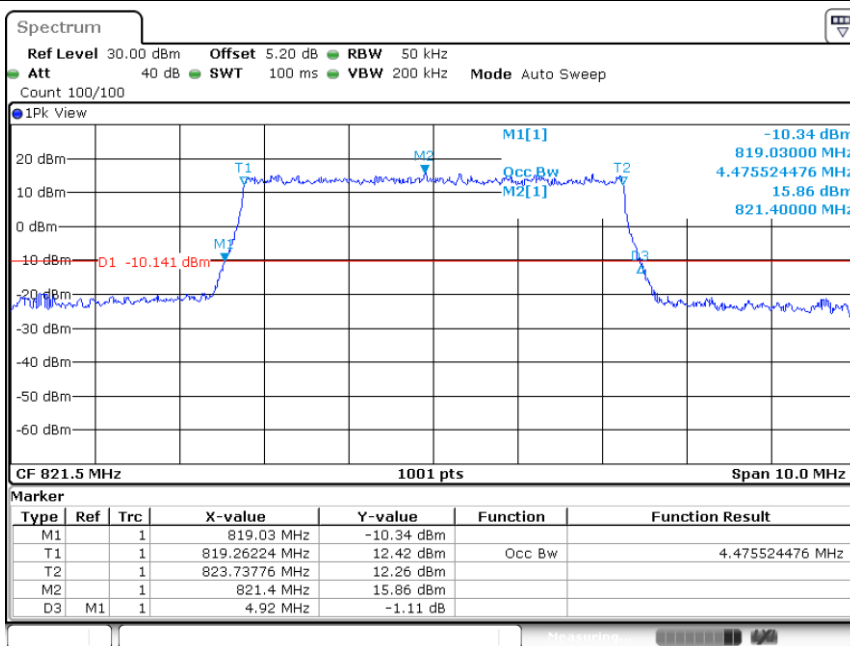


Date: 29.JAN.2021 15:26:20



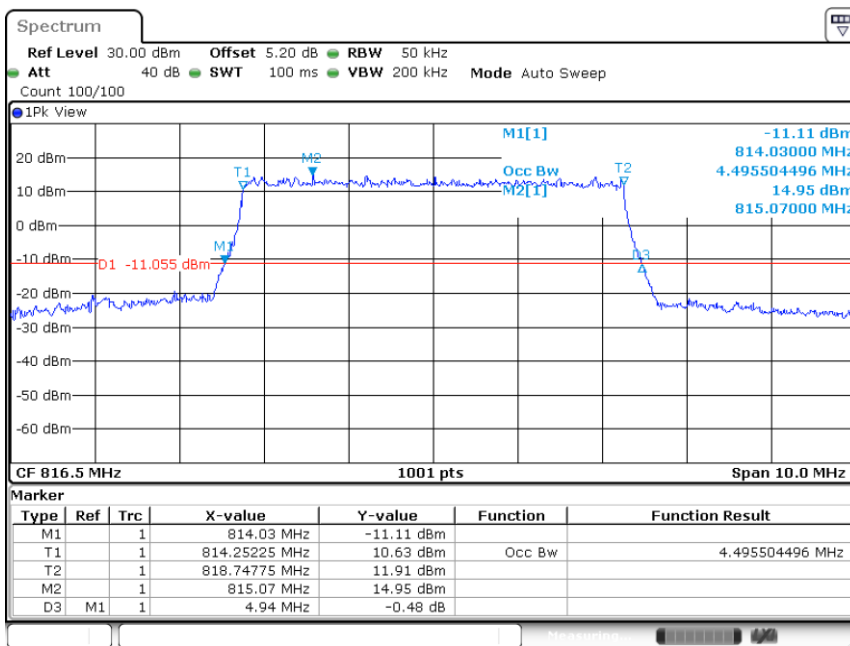
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Band26-5MHz-QPSK-26765-25RB#0-4.476



Date: 29. JAN 2021 15:26:59

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

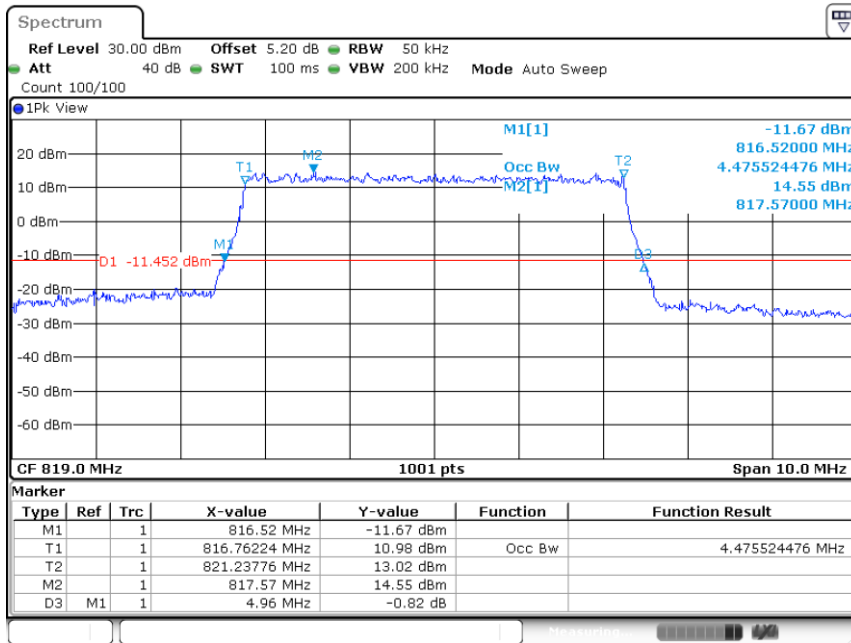


Date: 29. JAN 2021 15:26:00



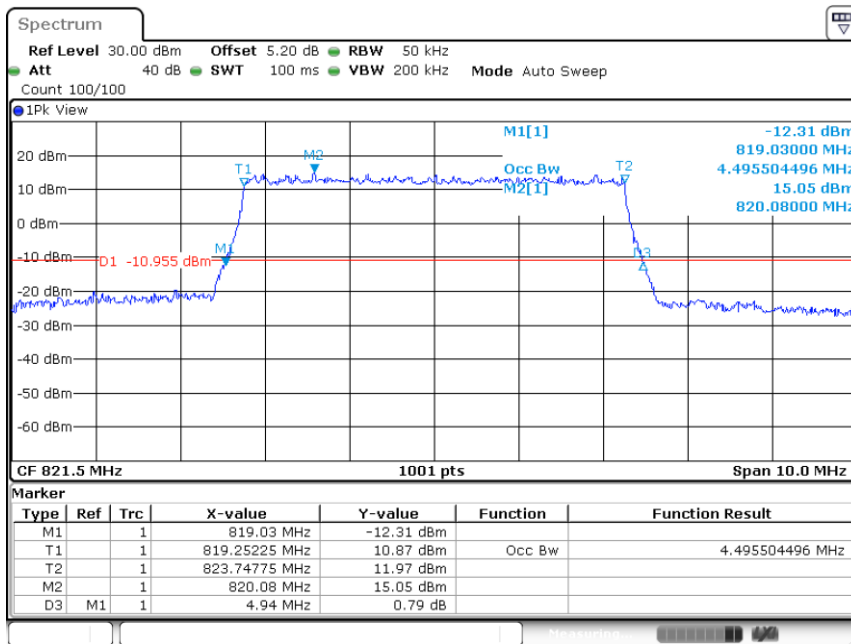
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Band26-5MHz-16QAM-26740-25RB#0-4.476



Date: 29.JAN.2021 15:26:39

Band26-5MHz-16QAM-26765-25RB#0-4.496

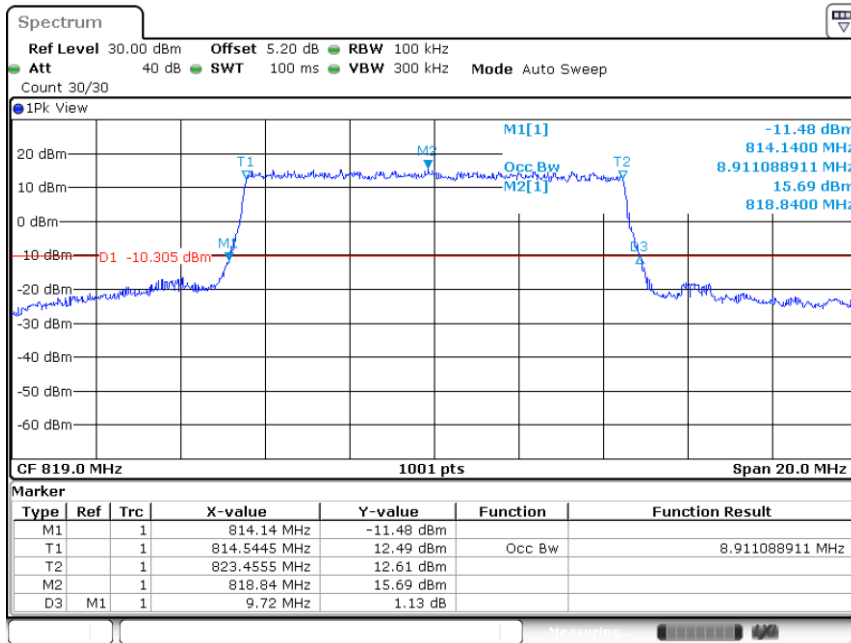


Date: 29.JAN.2021 15:27:19



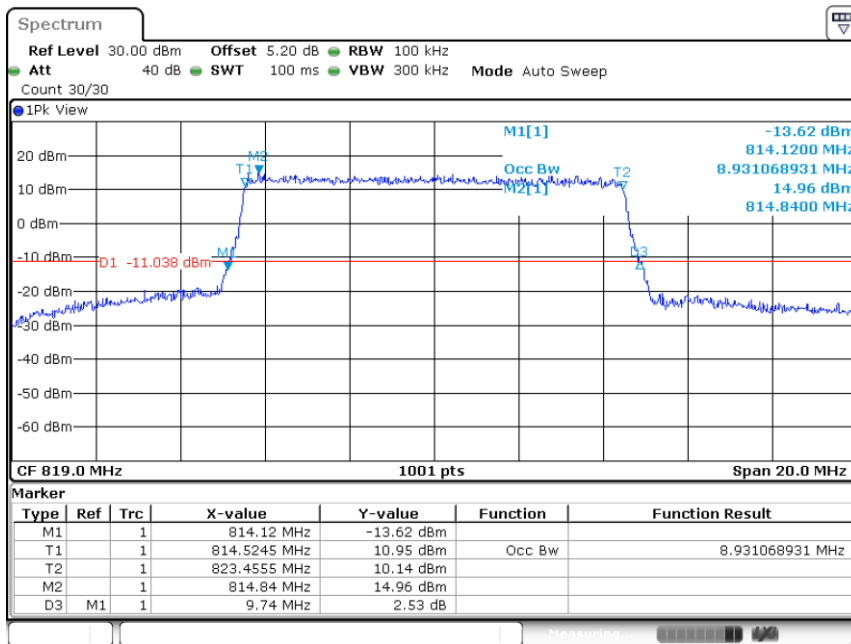
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Band26-10MHz-QPSK-26740-50RB#0-8.911



Date: 29.JAN.2021 15:27:37

Band26-10MHz-16QAM-26740-50RB#0-8.931



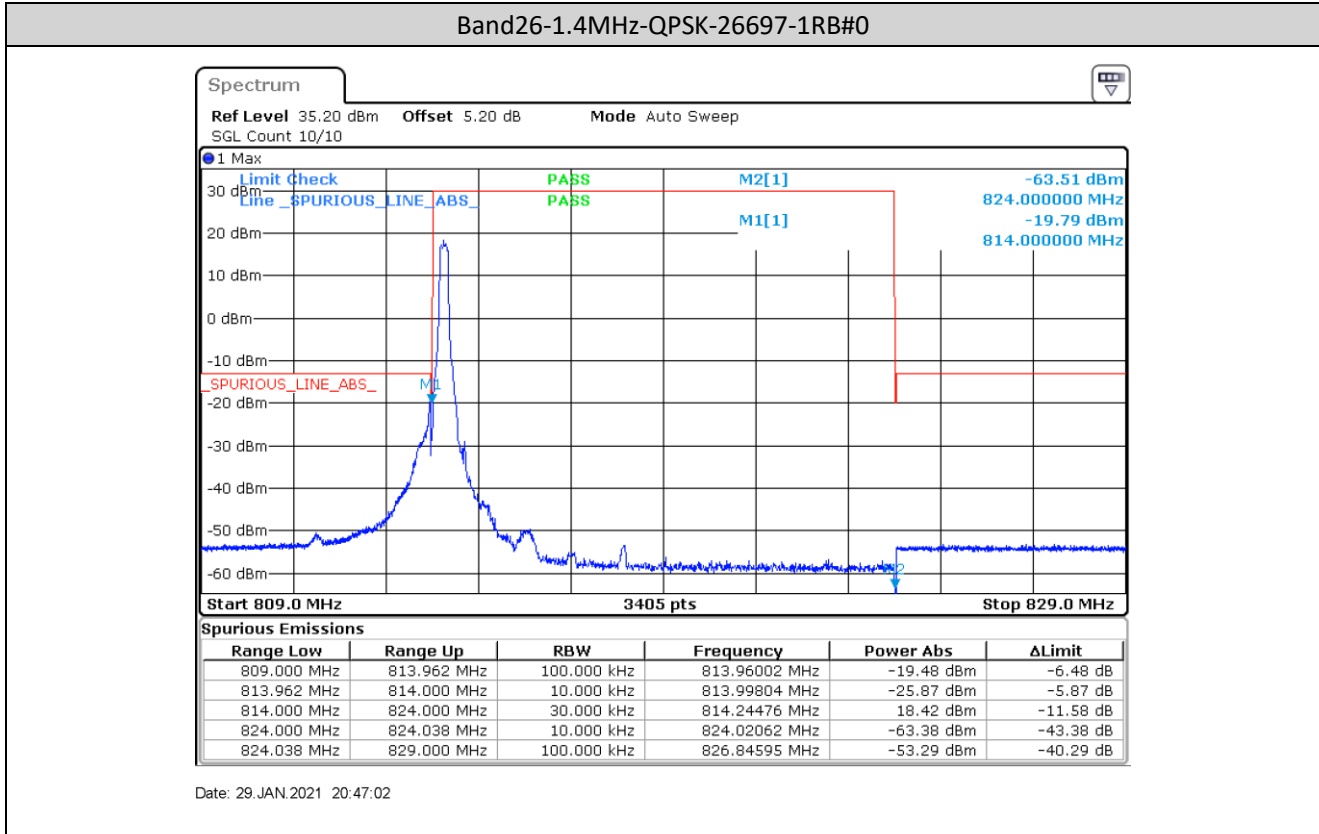
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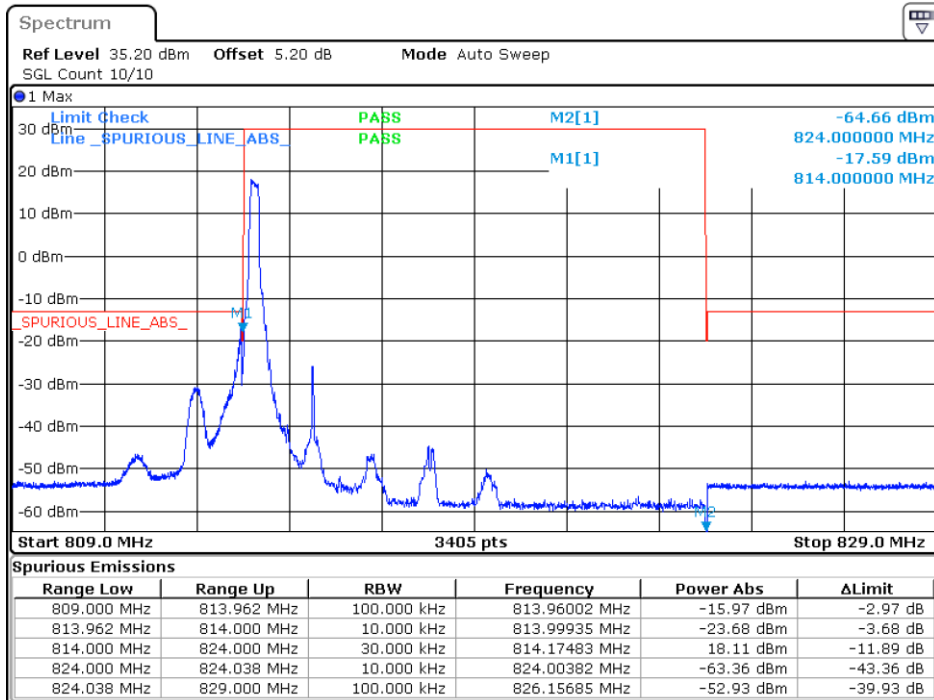
5. Band Edge Compliance

5.1. Test Plots



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

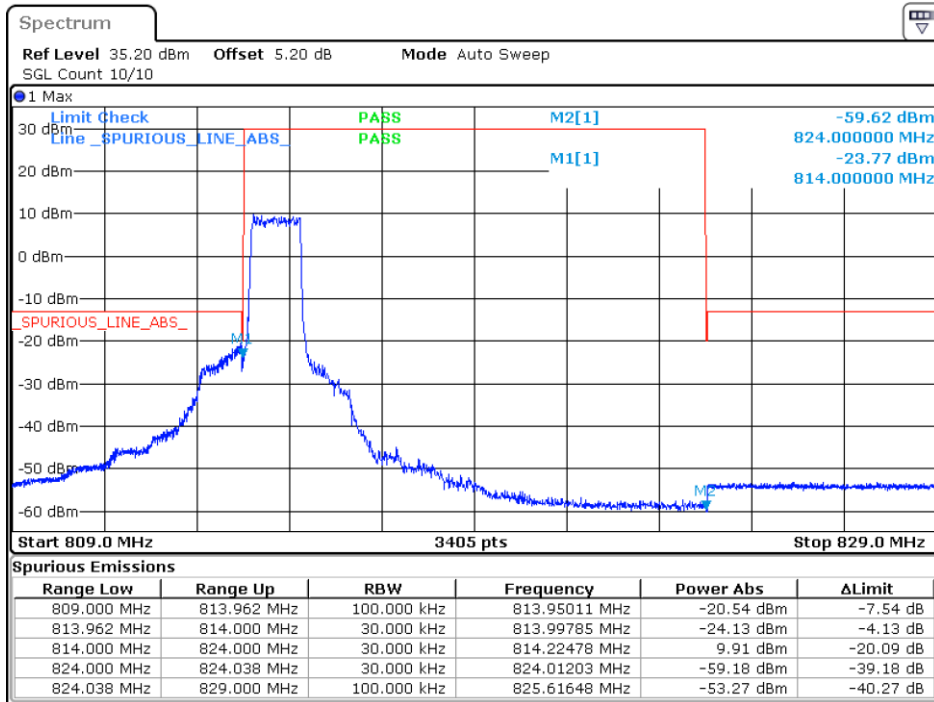


Date: 29 JAN 2021 20:52:18



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

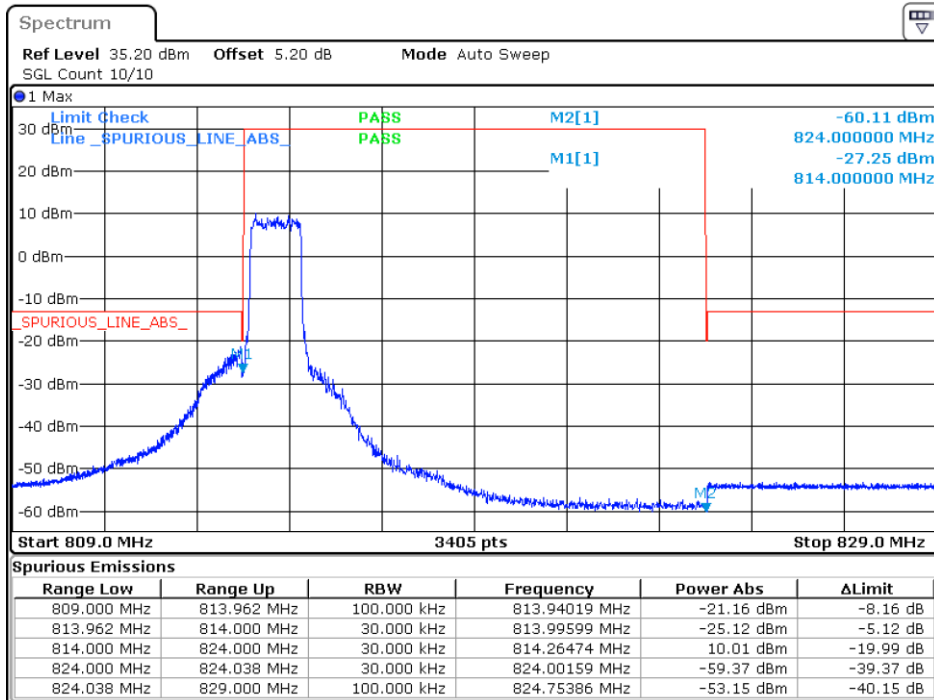


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Band26-1.4MHz-16QAM-26697-6RB#0



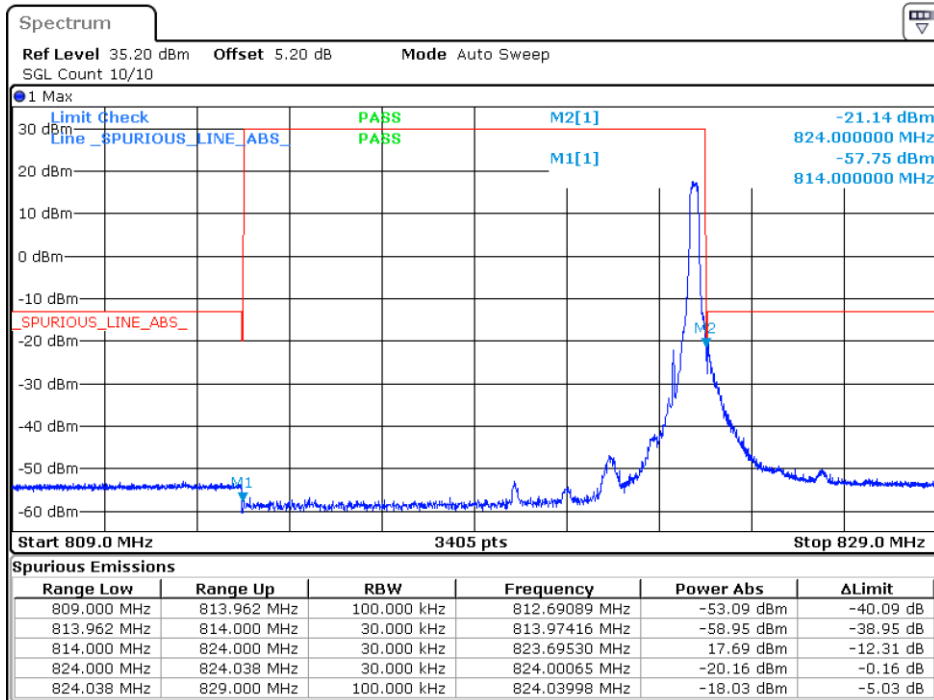
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Band26-1.4MHz-QPSK-26783-1RB#5

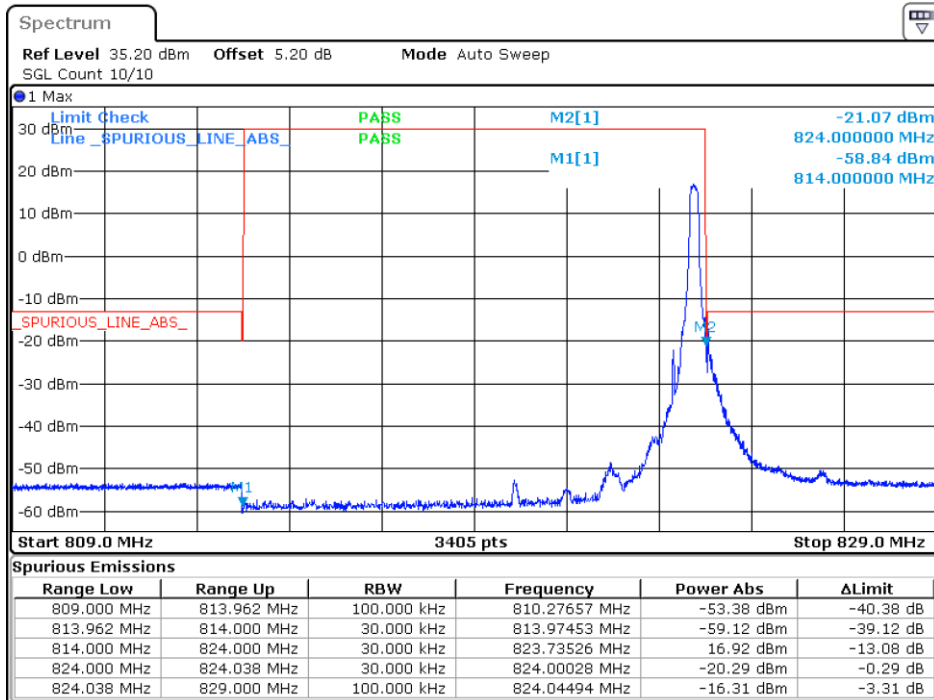


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Band26-1.4MHz-16QAM-26783-1RB#5

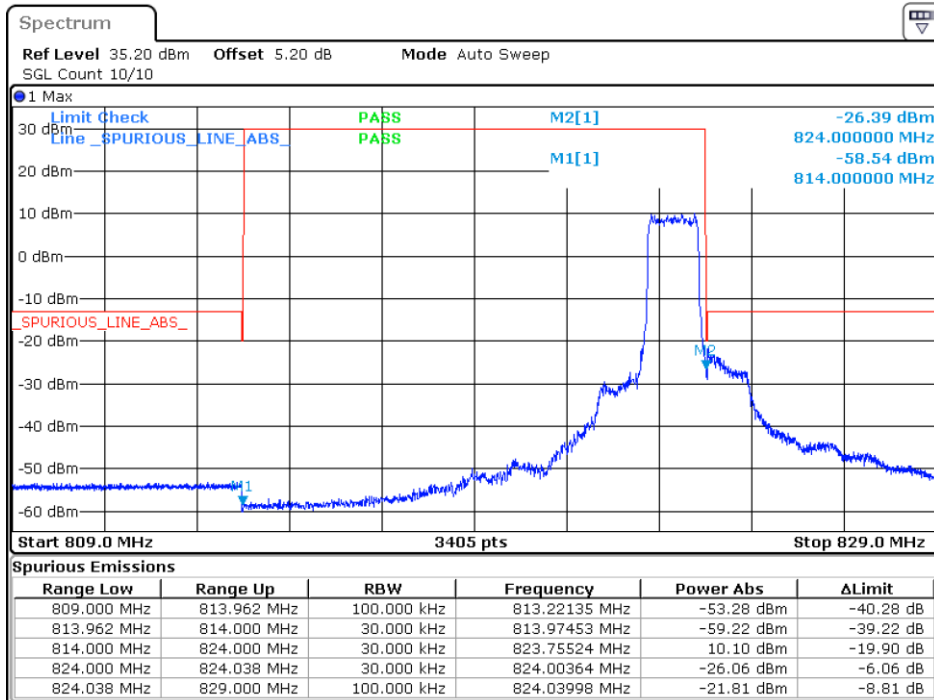


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Band26-1.4MHz-QPSK-26783-6RB#0

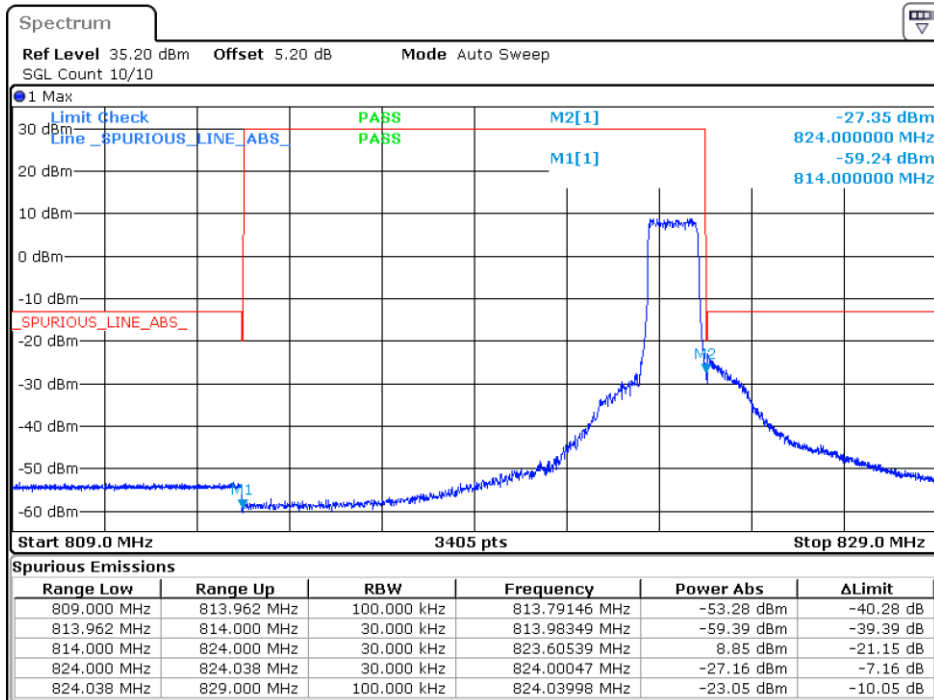


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Band26-1.4MHz-16QAM-26783-6RB#0

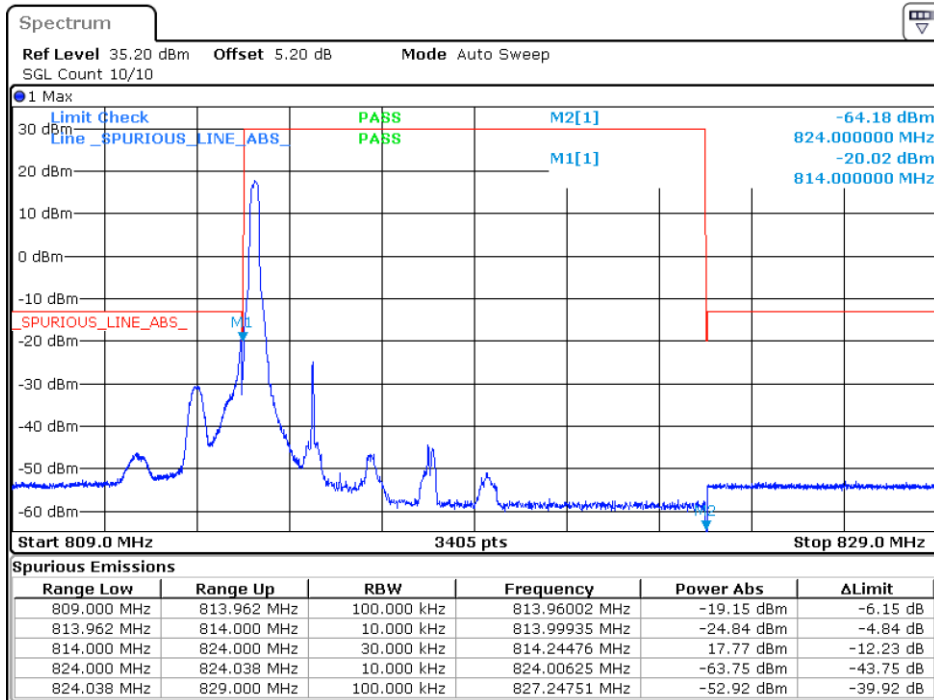


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Band26-3MHz-QPSK-26705-1RB#0

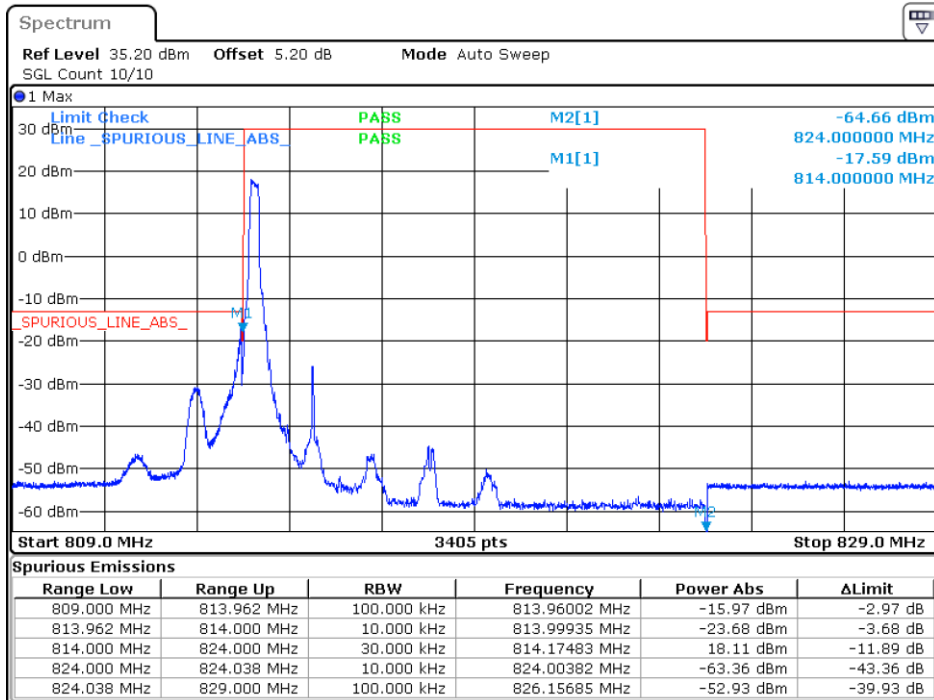


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Band26-3MHz-16QAM-26705-1RB#0

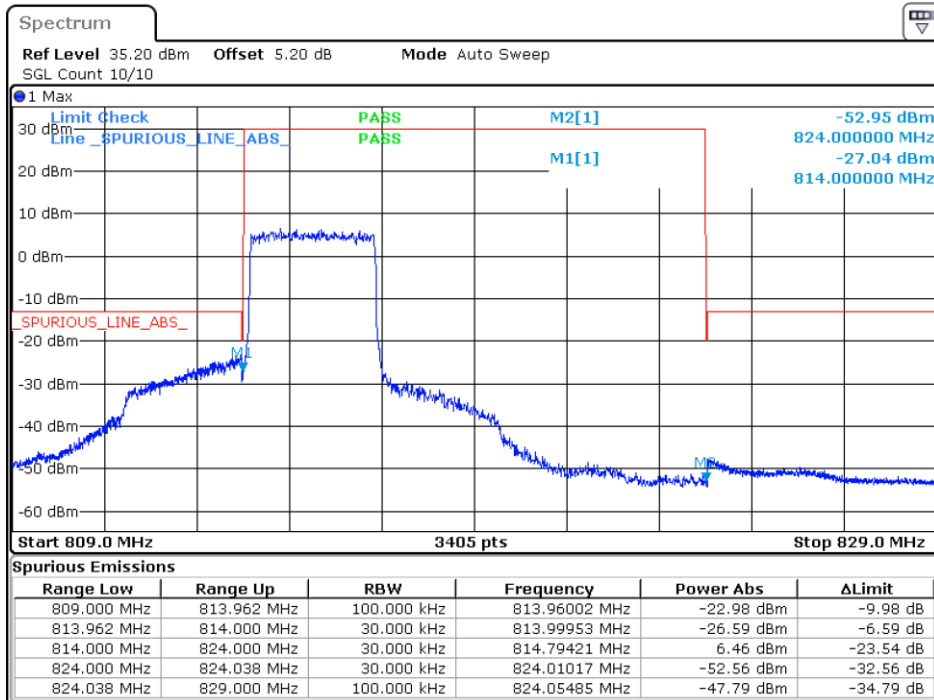


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Band26-3MHz-QPSK-26705-15RB#0

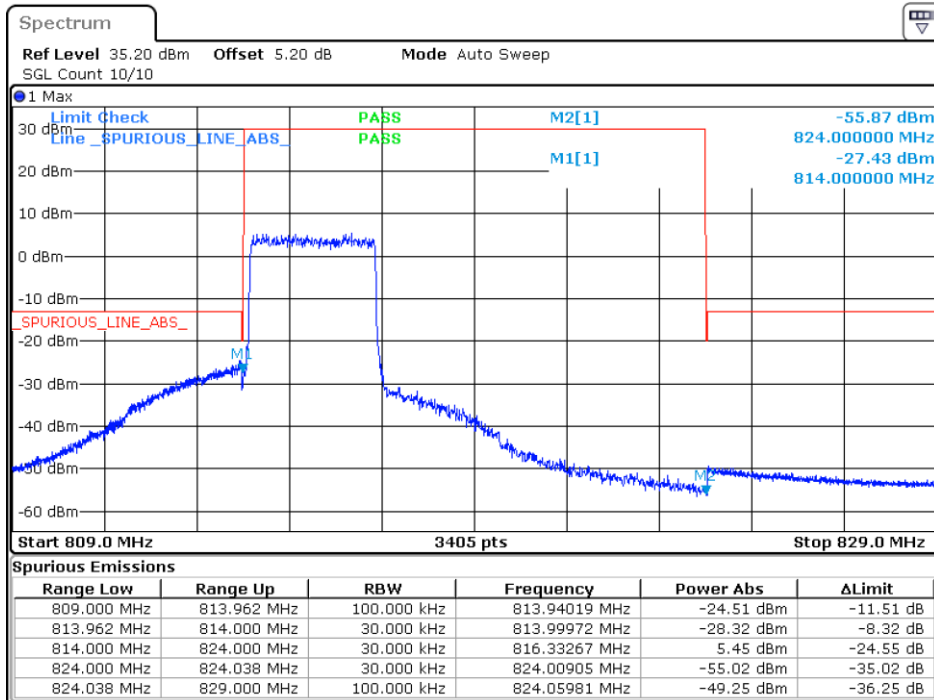


Date: 29 JAN 2021 20:26:32



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

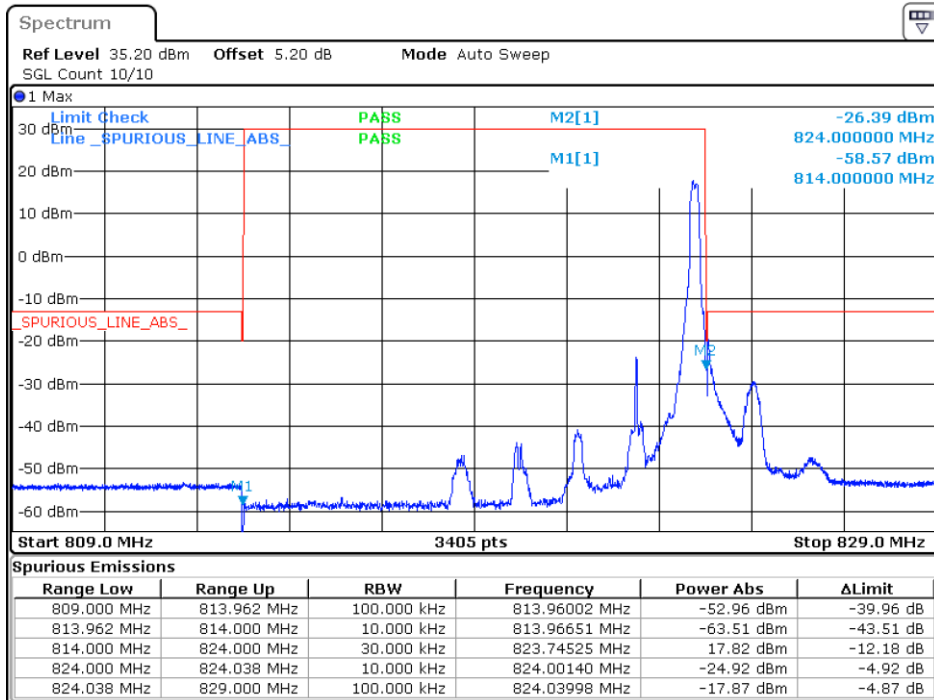


Date: 29 JAN 2021 20:27:10



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

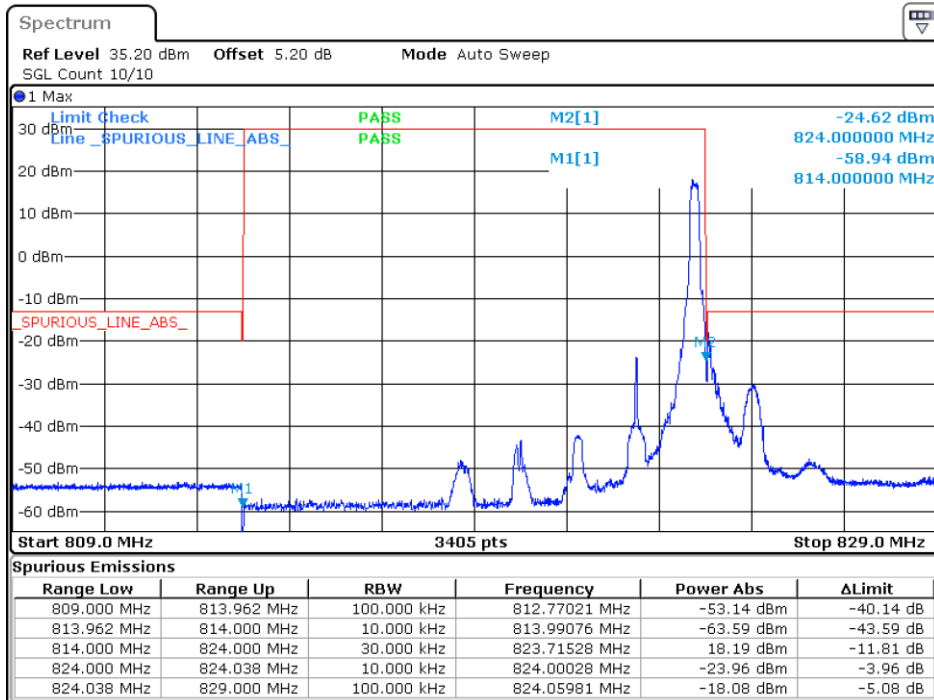


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Band26-3MHz-16QAM-26775-1RB#14



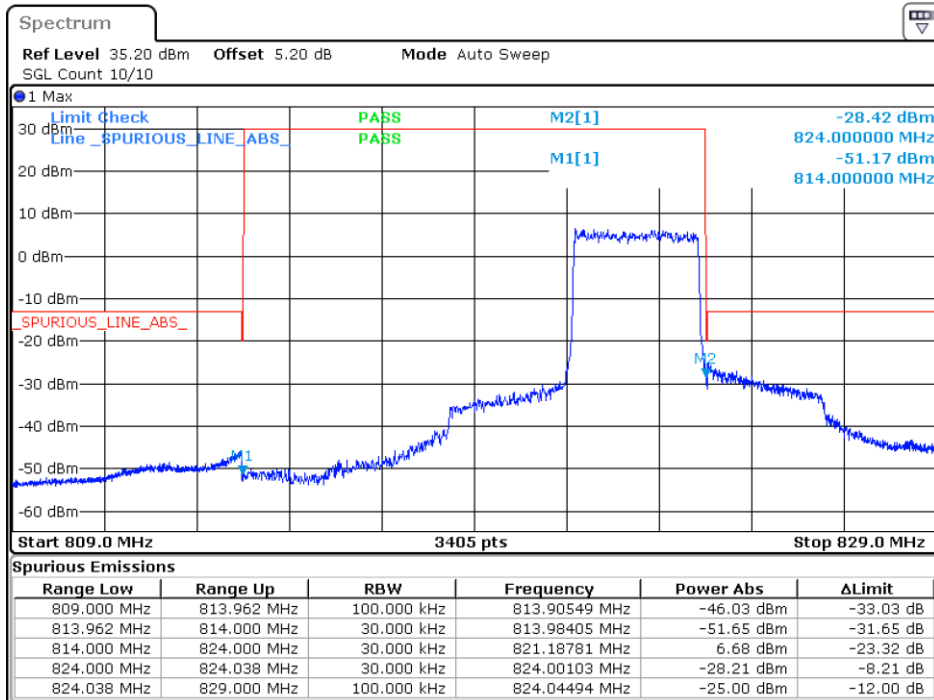
Date: 29 JAN 2021 20:53:34



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

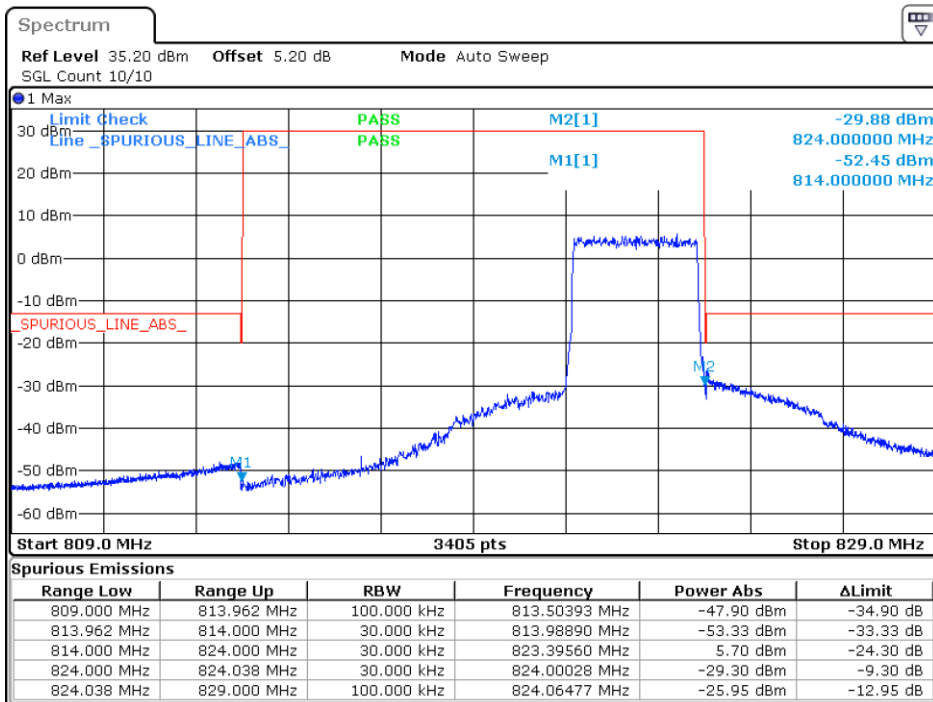


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Band26-3MHz-16QAM-26775-15RB#0



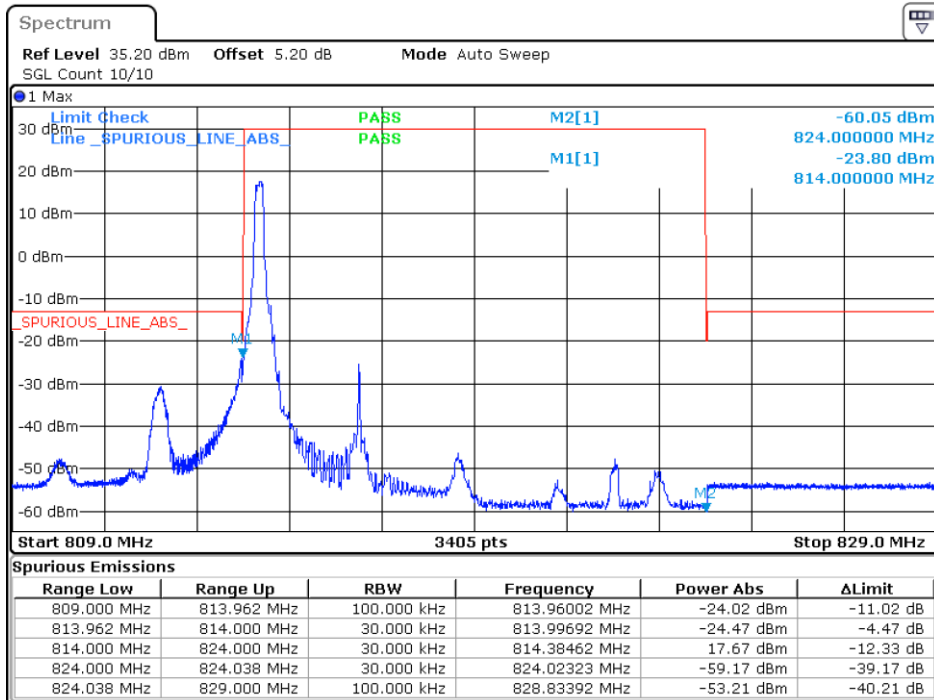
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Band26-5MHz-QPSK-26715-1RB#0

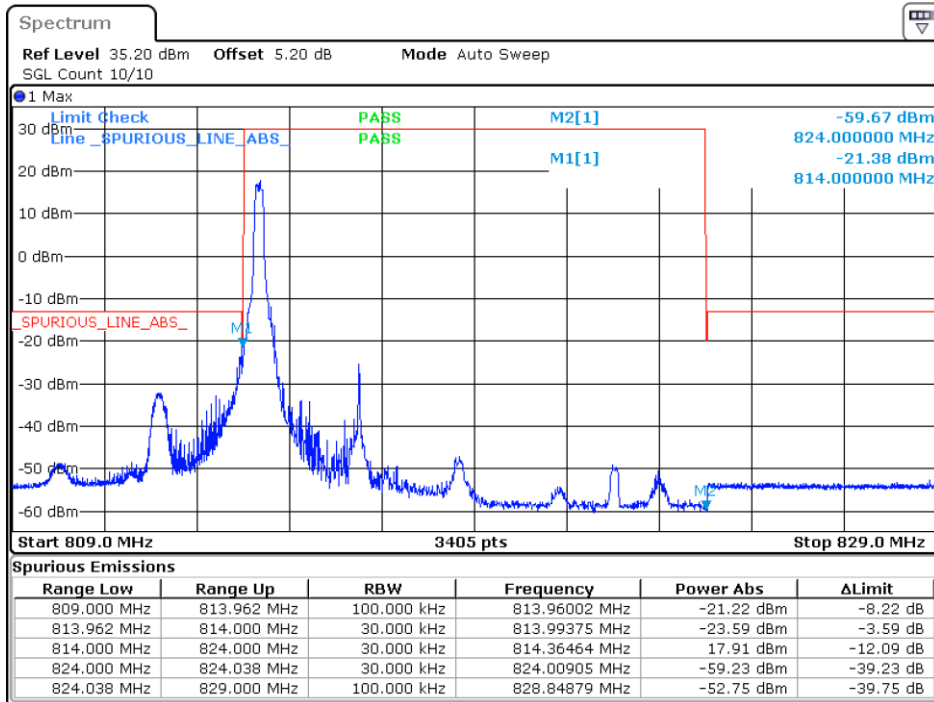


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Band26-5MHz-16QAM-26715-1RB#0

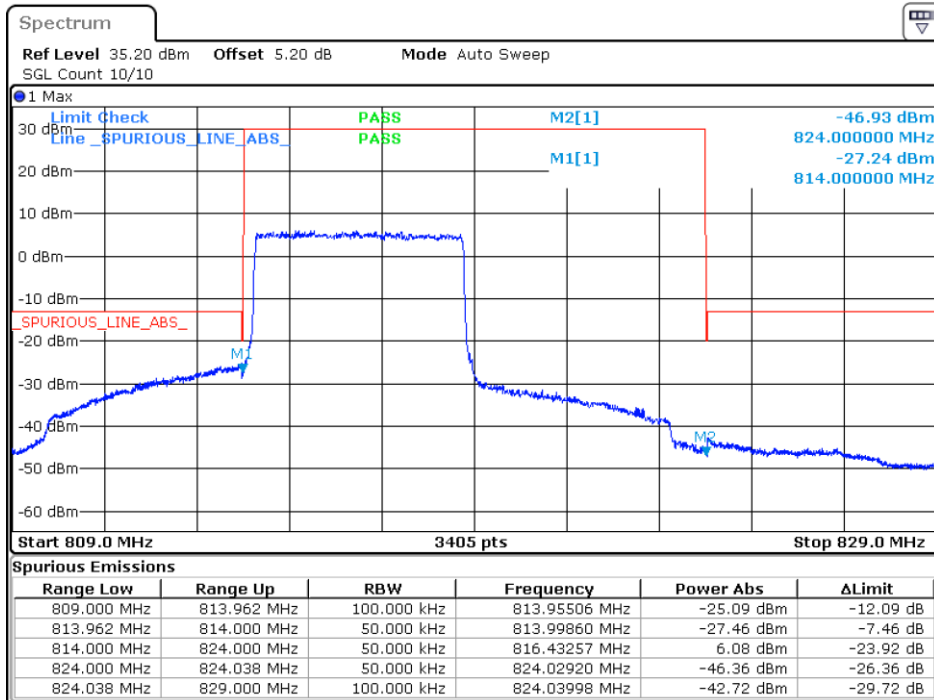


Date: 29 JAN 2021 20:29:45



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

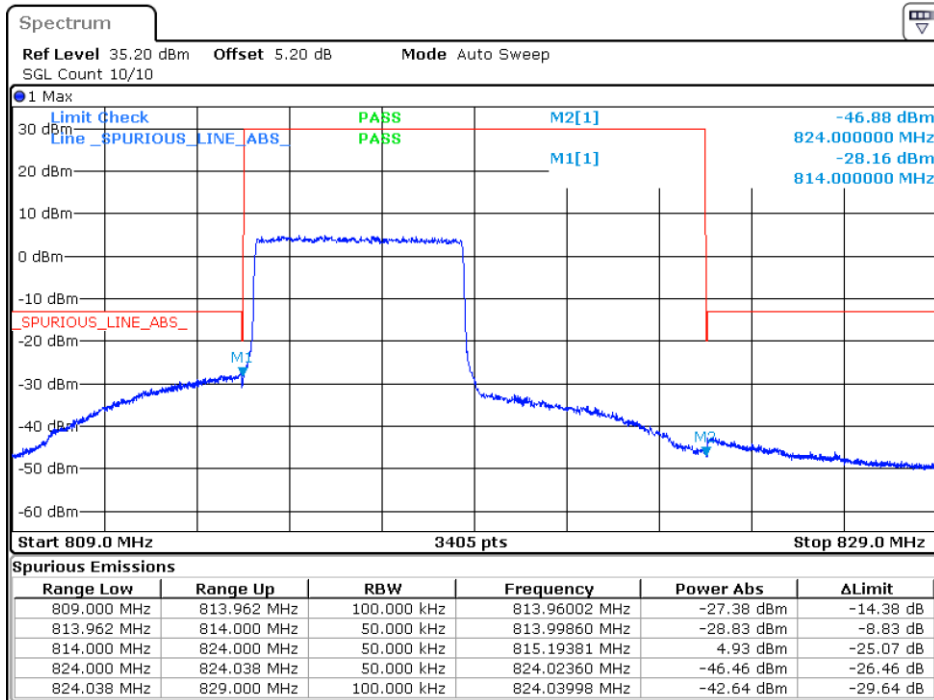


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Band26-5MHz-16QAM-26715-25RB#0

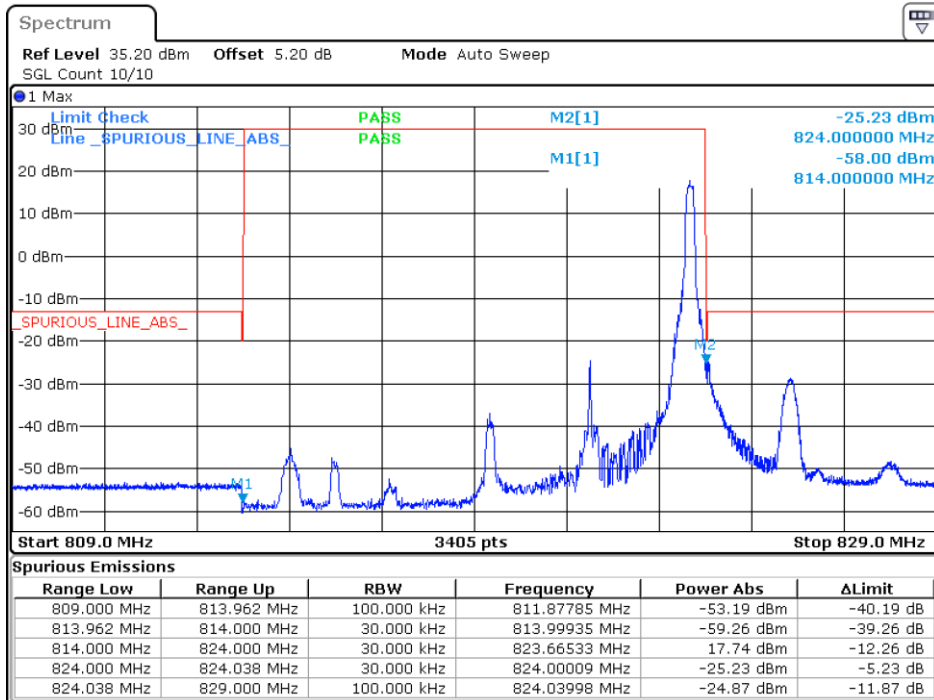


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Band26-5MHz-QPSK-26765-1RB#24

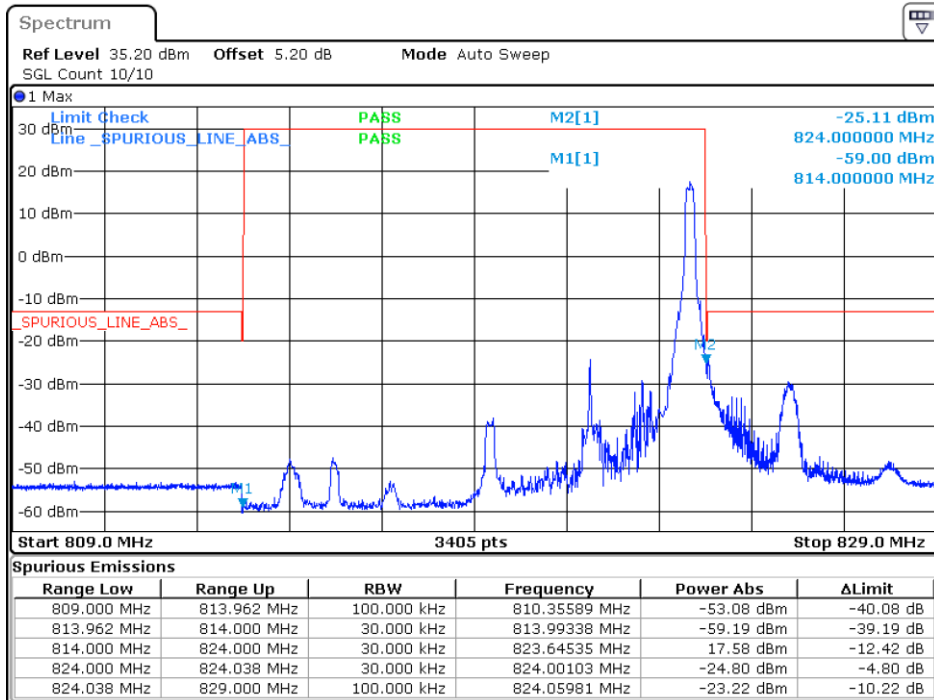


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Band26-5MHz-16QAM-26765-1RB#24

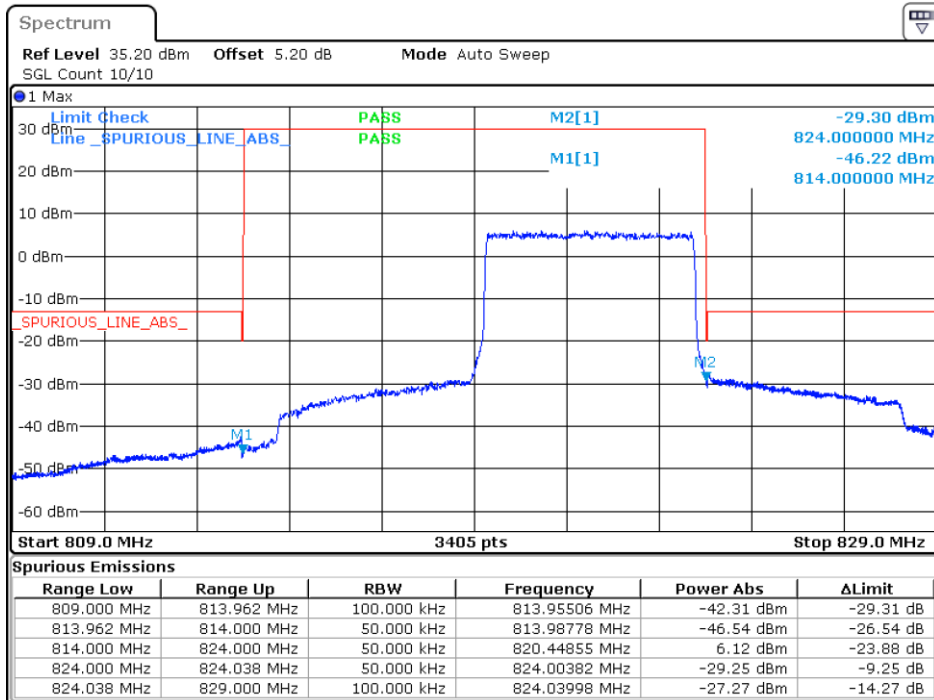


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Band26-5MHz-QPSK-26765-25RB#0



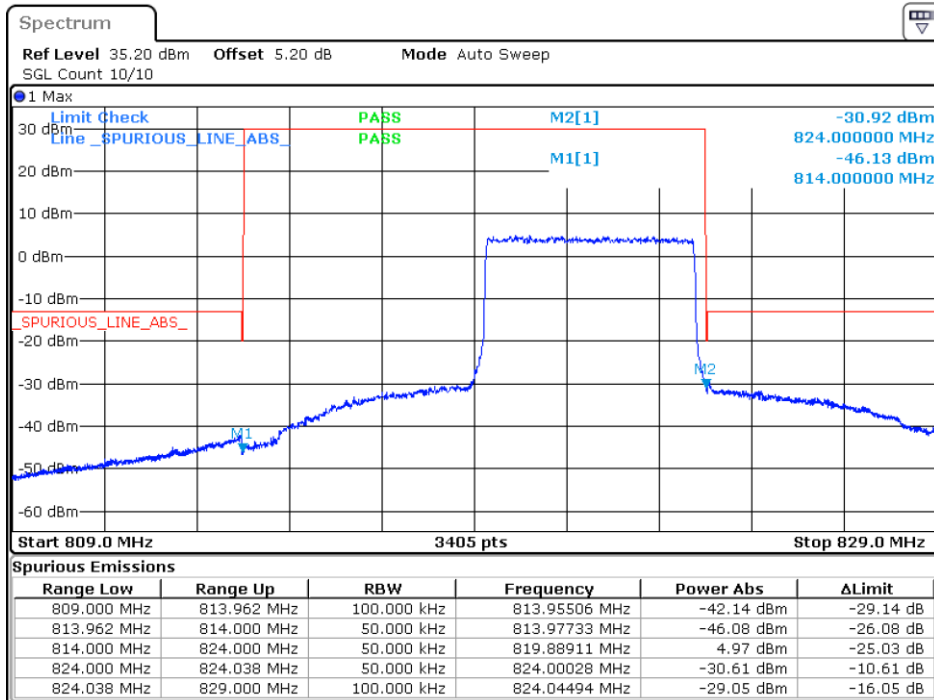
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Band26-5MHz-16QAM-26765-25RB#0



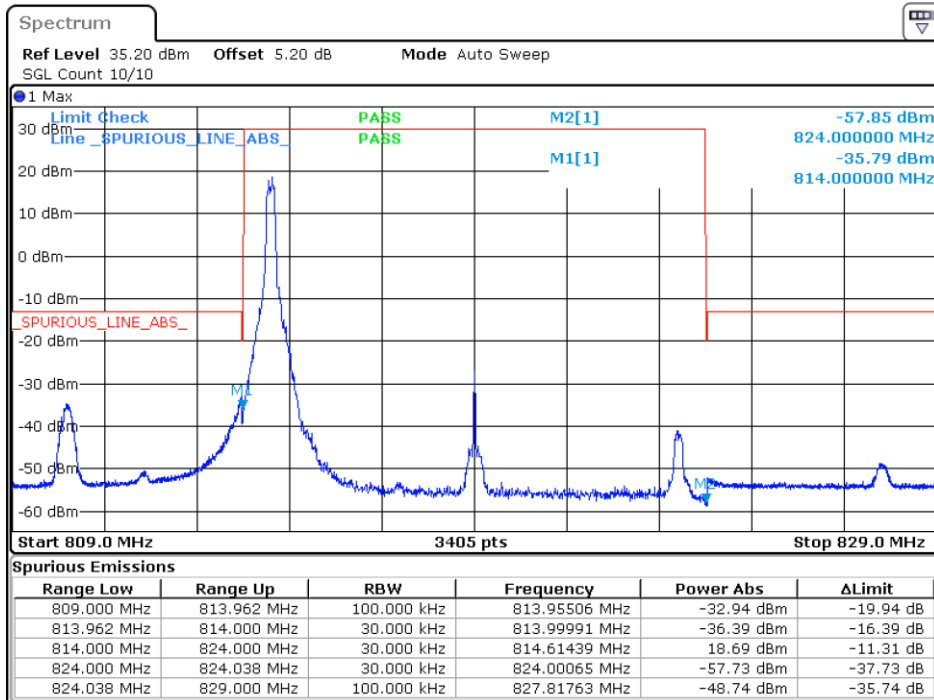
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Band26-10MHz-QPSK-26740-1RB#0

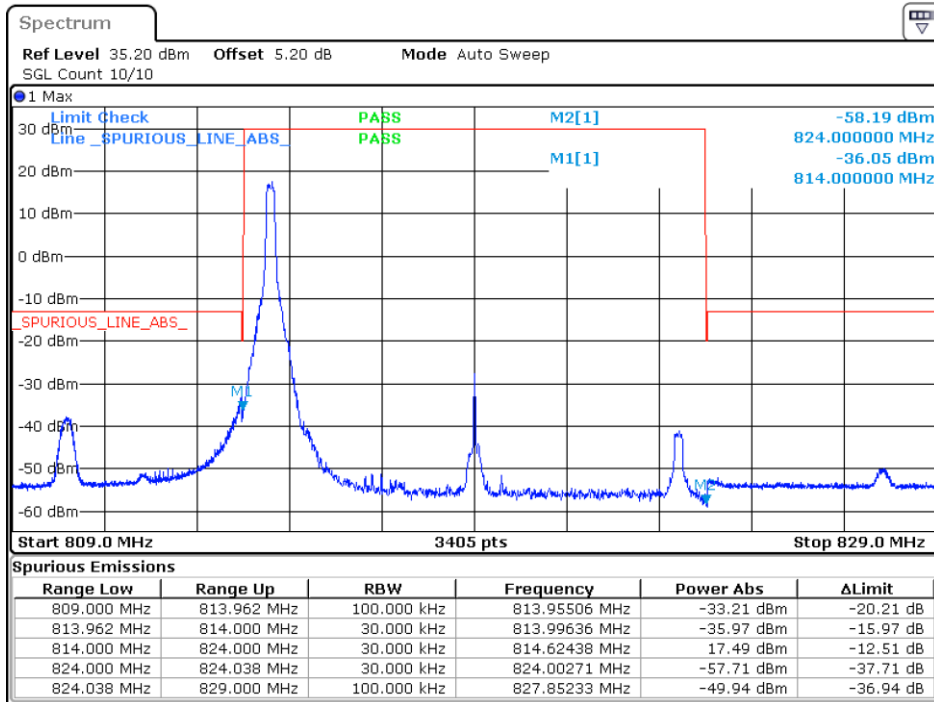


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Band26-10MHz-16QAM-26740-1RB#0

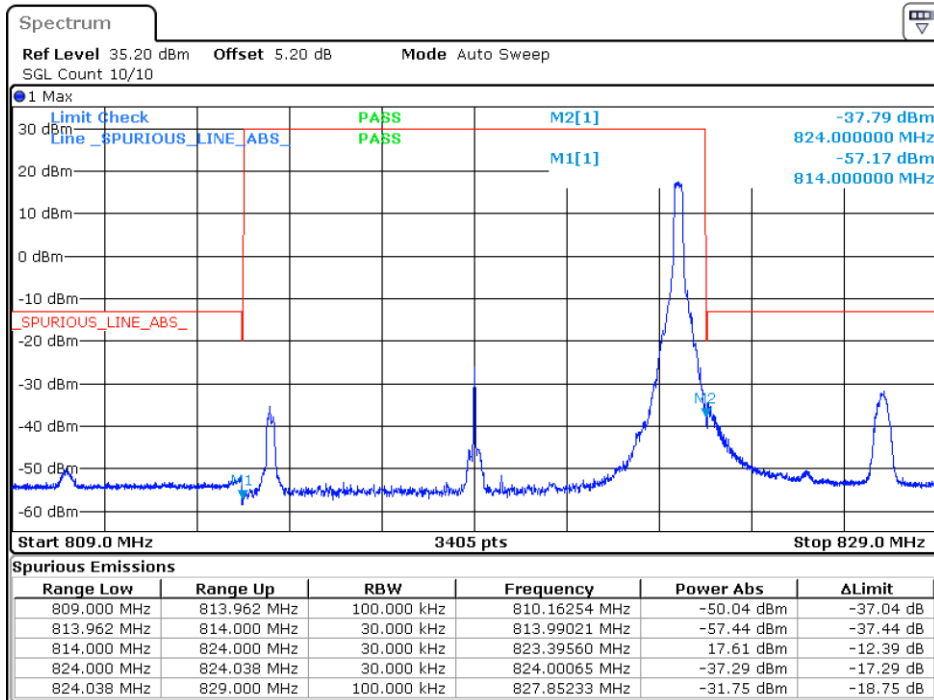


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Band26-10MHz-QPSK-26740-1RB#49



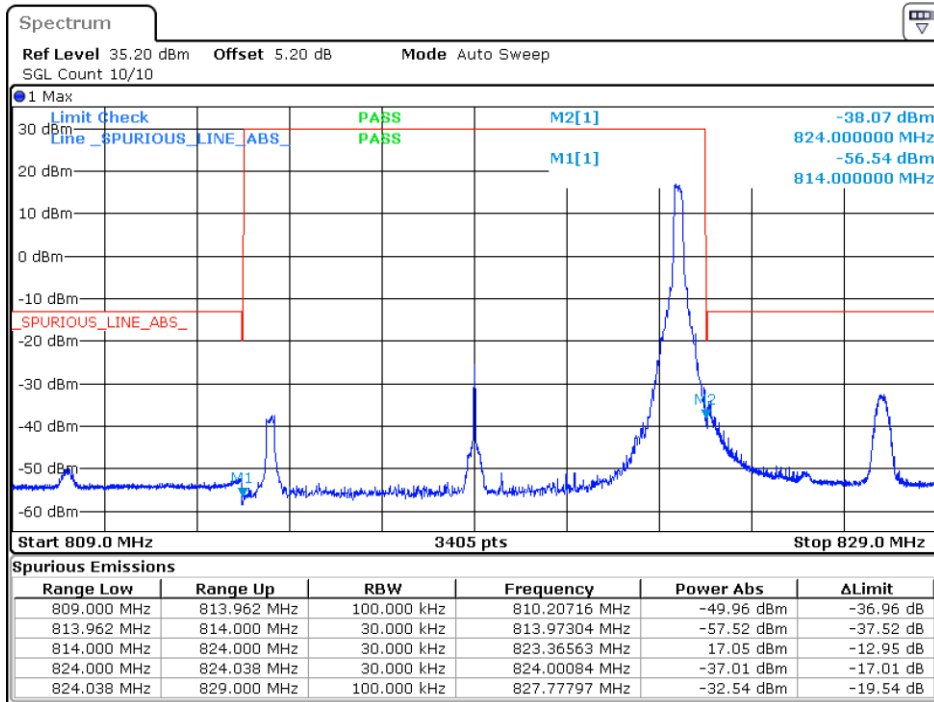
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Band26-10MHz-16QAM-26740-1RB#49

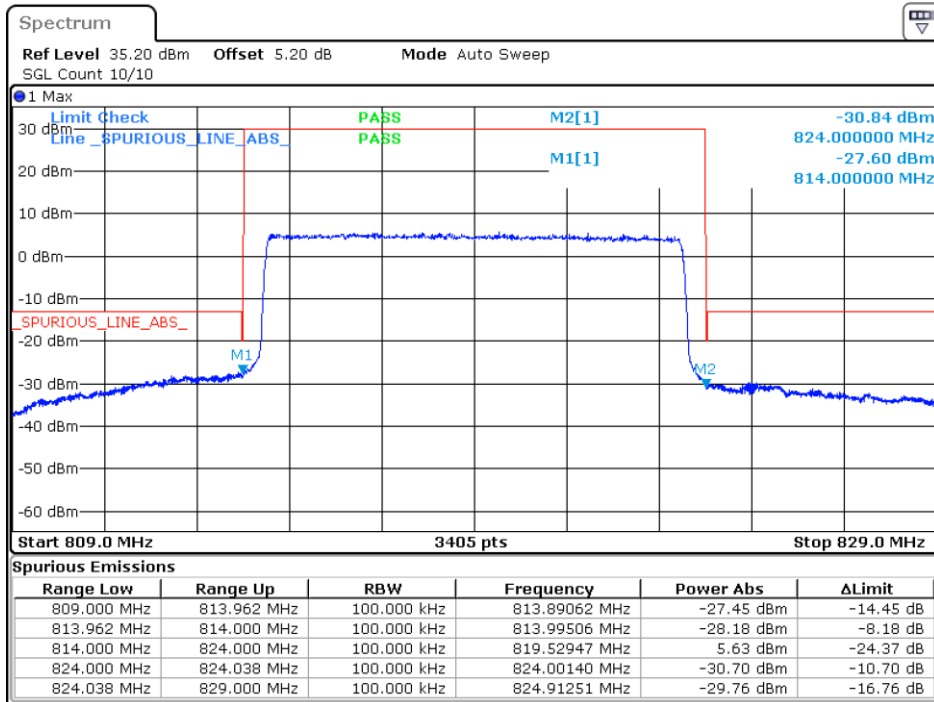


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Band26-10MHz-QPSK-26740-50RB#0

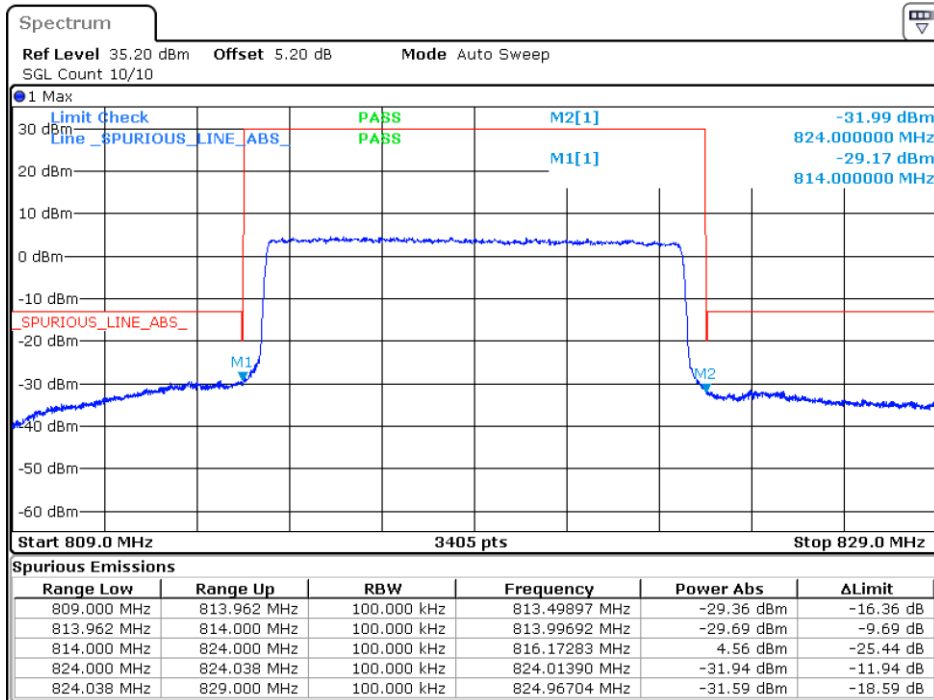


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Band26-10MHz-16QAM-26740-50RB#0



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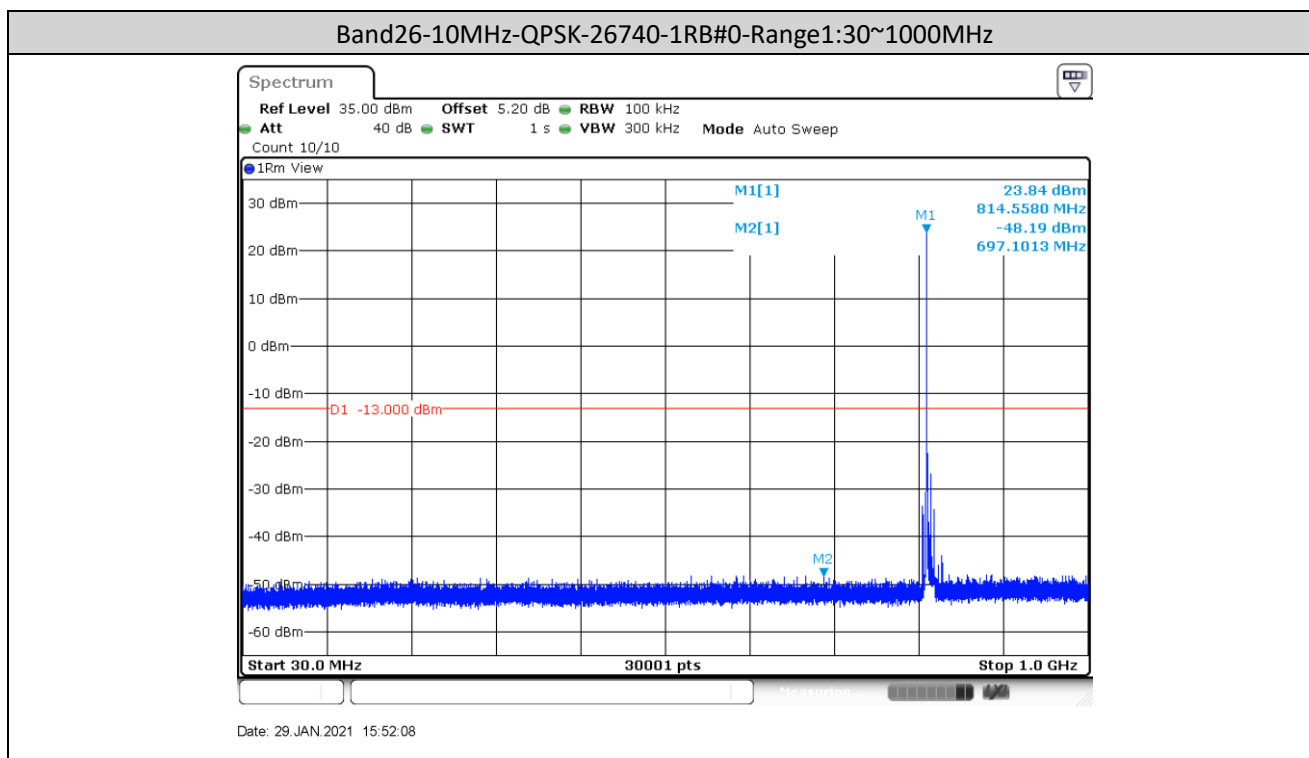
6. Spurious Emission at Antenna Terminal

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.

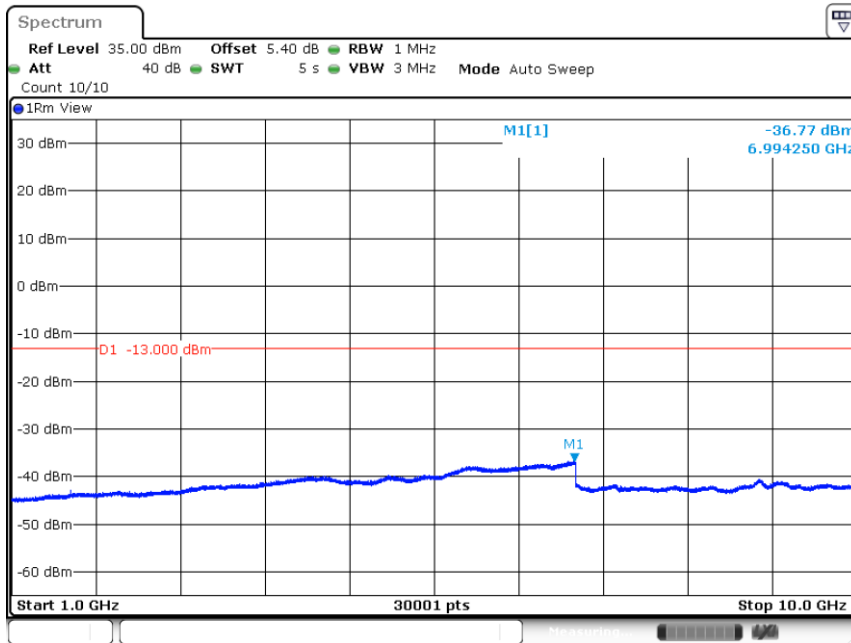
6.1. Test Plots



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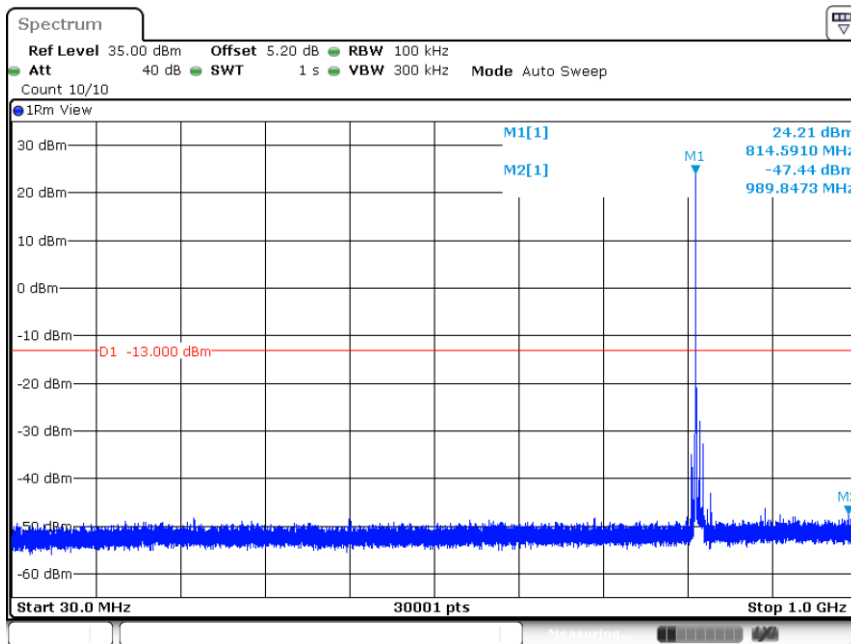
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Band26-10MHz-QPSK-26740-1RB#0-Range2:1000~10000MHz



Date: 29.JAN.2021 15:53:15

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

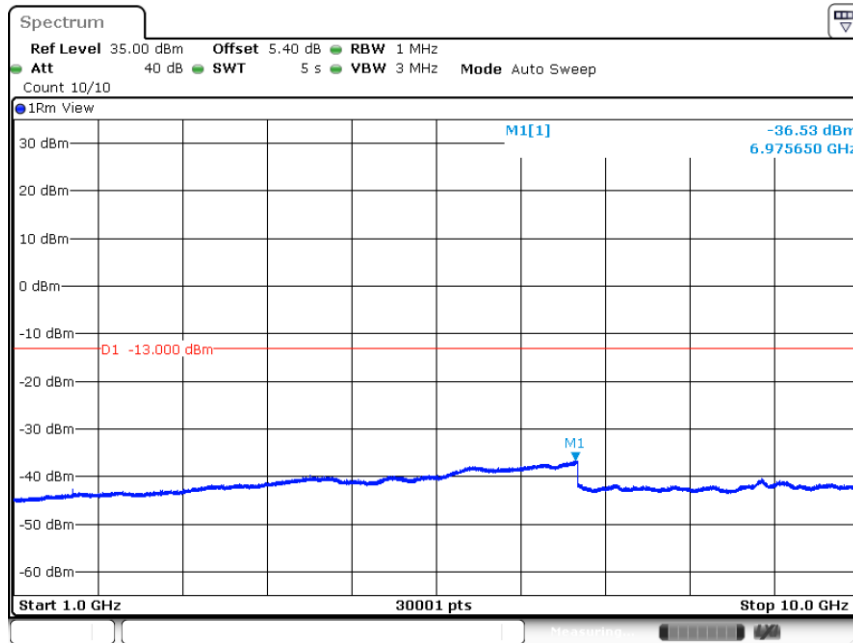


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Band26-10MHz-16QAM-26740-1RB#0-Range2:1000~10000MHz



Date: 29.JAN.2021 15:54:42



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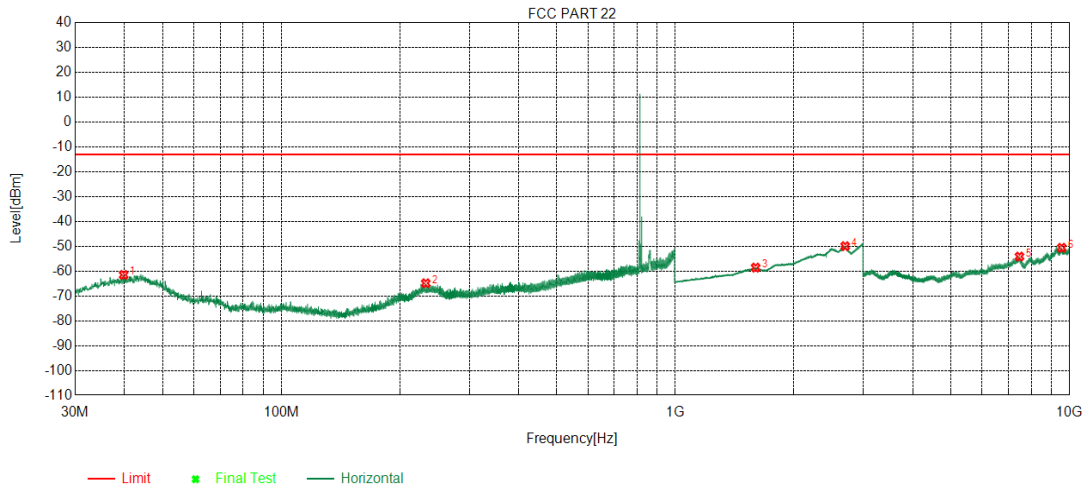
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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE-10M_26_TM1 DOWN ANT

7.1.1. Test Channel = Mid Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.8460	-68.22	-61.51	-13.00	48.51	Horizontal
2	232.6916	-67.69	-64.87	-13.00	51.87	Horizontal
3	1598.5197	-63.09	-58.57	-13.00	45.57	Horizontal
4	2697.1394	-62.79	-49.94	-13.00	36.94	Horizontal
5	7466.6156	-54.11	-54.13	-13.00	41.13	Horizontal
6	9556.4185	-55.56	-50.58	-13.00	37.58	Horizontal



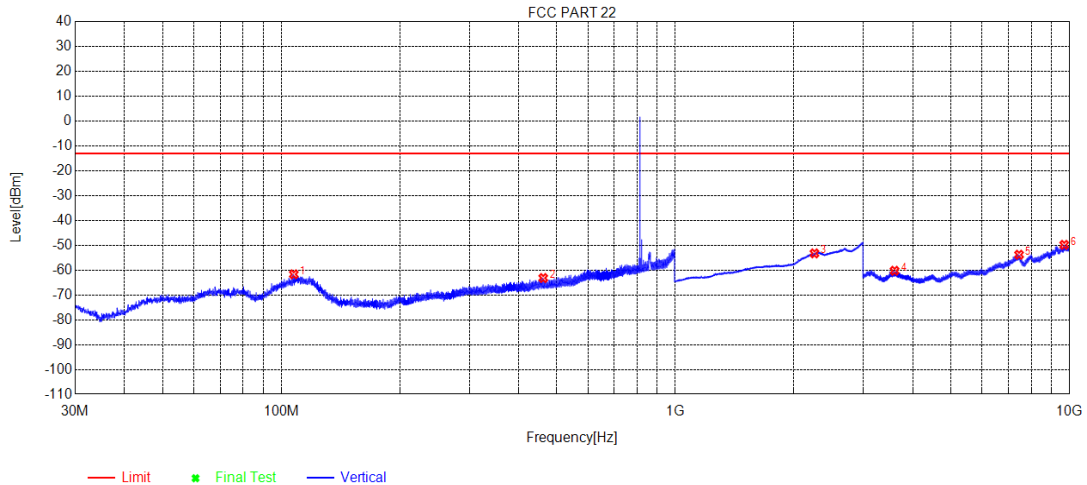
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7.2. Test Band = LTE-10M_26_TM1 DOWN ANT

7.2.1. Test Channel = Mid Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	107.6524	-67.53	-61.67	-13.00	48.67	Vertical
2	462.2536	-67.48	-63.17	-13.00	50.17	Vertical
3	2254.2509	-62.89	-53.24	-13.00	40.24	Vertical
4	3599.4533	-51.15	-60.24	-13.00	47.24	Vertical
5	7448.4149	-54.11	-53.78	-13.00	40.78	Vertical
6	9695.7232	-55.89	-49.80	-13.00	36.80	Vertical



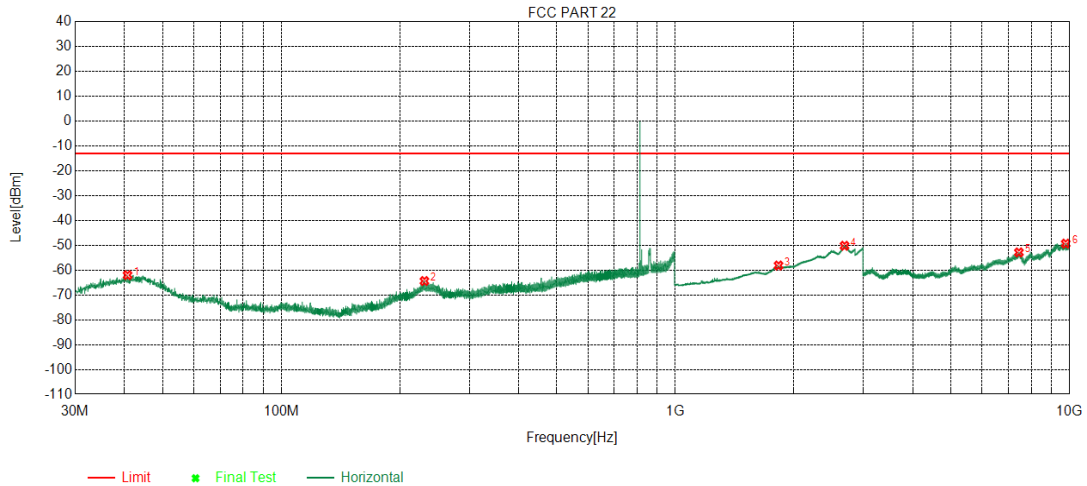
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7.3. Test Band = LTE-10M_26_TM1 UP ANT

7.3.1. Test Channel = Mid Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.7675	-68.82	-62.02	-13.00	49.02	Horizontal
2	230.8970	-67.21	-64.38	-13.00	51.38	Horizontal
3	1827.3655	-64.13	-58.12	-13.00	45.12	Horizontal
4	2686.7373	-62.73	-50.17	-13.00	37.17	Horizontal
5	7441.4147	-52.81	-52.85	-13.00	39.85	Horizontal
6	9782.0594	-54.84	-49.31	-13.00	36.31	Horizontal



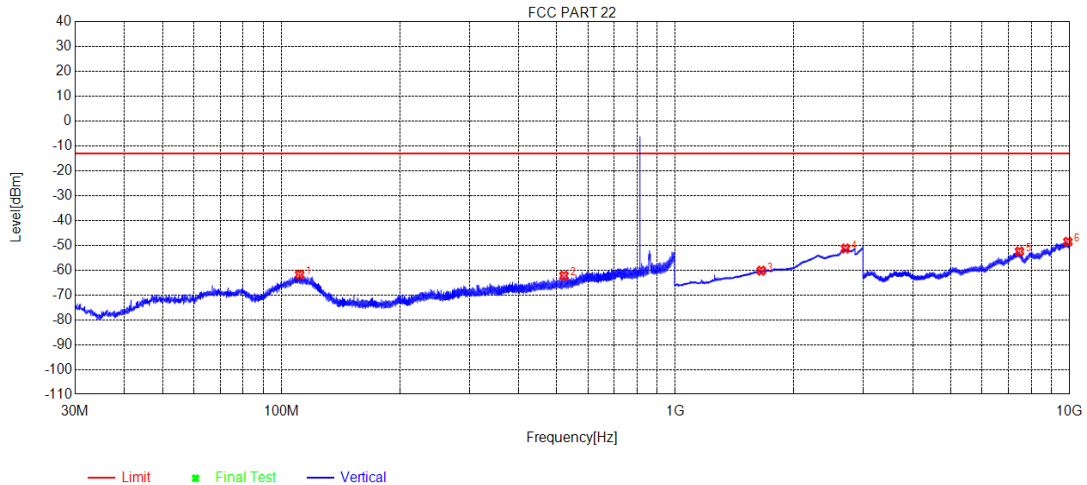
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7.4. Test Band = LTE-10M_26_TM1 UP ANT

7.4.1. Test Channel = Mid Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	111.3871	-68.08	-61.79	-13.00	48.79	Vertical
2	521.8631	-67.10	-62.24	-13.00	49.24	Vertical
3	1652.1304	-64.90	-60.21	-13.00	47.21	Vertical
4	2702.3405	-62.90	-51.25	-13.00	38.25	Vertical
5	7467.3156	-52.70	-52.46	-13.00	39.46	Vertical
6	9905.9635	-54.88	-48.57	-13.00	35.57	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 above 18G and 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.





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	0.00	0.000000	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	-0.50	-0.000611	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VL	NT	2.00	0.002442	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VN	NT	-0.30	-0.000366	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VH	NT	-0.80	-0.000977	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	NV	-30	-3.30	-0.004029	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	1.40	0.001709	±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	-1.90	-0.002320	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	1.30	0.001587	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	1.00	0.001221	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	-0.50	-0.000611	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	-1.50	-0.001832	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	0.50	0.000611	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-30	-1.70	-0.002076	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-20	-2.00	-0.002442	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-10	-3.90	-0.004762	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	0	0.30	0.000366	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	10	-1.10	-0.001343	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	20	-0.60	-0.000733	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	30	0.80	0.000977	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	40	1.50	0.001832	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	50	-1.50	-0.001832	±2.5	PASS



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