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	24.00	18.9	50.00	PASS
BAND26	1.4MHz	QPSK	26697	1RB#2	23.87	18.77	50.00	PASS
BAND26	1.4MHz	QPSK	26697	1RB#5	24.04	18.94	50.00	PASS
BAND26	1.4MHz	QPSK	26697	3RB#0	23.89	18.79	50.00	PASS
BAND26	1.4MHz	QPSK	26697	3RB#1	23.91	18.81	50.00	PASS
BAND26	1.4MHz	QPSK	26697	3RB#3	24.20	19.10	50.00	PASS
BAND26	1.4MHz	QPSK	26697	6RB#0	22.59	17.49	50.00	PASS
BAND26	1.4MHz	QPSK	26740	1RB#0	24.23	19.13	50.00	PASS
BAND26	1.4MHz	QPSK	26740	1RB#2	23.82	18.72	50.00	PASS
BAND26	1.4MHz	QPSK	26740	1RB#5	24.07	18.97	50.00	PASS
BAND26	1.4MHz	QPSK	26740	3RB#0	23.95	18.85	50.00	PASS
BAND26	1.4MHz	QPSK	26740	3RB#1	23.92	18.82	50.00	PASS
BAND26	1.4MHz	QPSK	26740	3RB#3	23.97	18.87	50.00	PASS
BAND26	1.4MHz	QPSK	26740	6RB#0	22.45	17.35	50.00	PASS
BAND26	1.4MHz	QPSK	26783	1RB#0	24.27	19.17	50.00	PASS
BAND26	1.4MHz	QPSK	26783	1RB#2	23.86	18.76	50.00	PASS
BAND26	1.4MHz	QPSK	26783	1RB#5	24.04	18.94	50.00	PASS
BAND26	1.4MHz	QPSK	26783	3RB#0	24.08	18.98	50.00	PASS
BAND26	1.4MHz	QPSK	26783	3RB#1	23.96	18.86	50.00	PASS
BAND26	1.4MHz	QPSK	26783	3RB#3	24.02	18.92	50.00	PASS
BAND26	1.4MHz	QPSK	26783	6RB#0	22.48	17.38	50.00	PASS
BAND26	1.4MHz	64QAM	26697	1RB#0	22.99	17.89	50.00	PASS
BAND26	1.4MHz	64QAM	26697	1RB#2	22.81	17.71	50.00	PASS
BAND26	1.4MHz	64QAM	26697	1RB#5	23.03	17.93	50.00	PASS
BAND26	1.4MHz	64QAM	26697	3RB#0	22.98	17.88	50.00	PASS
BAND26	1.4MHz	64QAM	26697	3RB#1	22.94	17.84	50.00	PASS
BAND26	1.4MHz	64QAM	26697	3RB#3	23.16	18.06	50.00	PASS
BAND26	1.4MHz	64QAM	26697	6RB#0	22.04	16.94	50.00	PASS
BAND26	1.4MHz	64QAM	26740	1RB#0	22.33	17.23	50.00	PASS
BAND26	1.4MHz	64QAM	26740	1RB#2	21.77	16.67	50.00	PASS
BAND26	1.4MHz	64QAM	26740	1RB#5	22.18	17.08	50.00	PASS
BAND26	1.4MHz	64QAM	26740	3RB#0	22.10	17.00	50.00	PASS
BAND26	1.4MHz	64QAM	26740	3RB#1	21.96	16.86	50.00	PASS
BAND26	1.4MHz	64QAM	26740	3RB#3	22.00	16.90	50.00	PASS

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BAND26	1.4MHz	64QAM	26740	6RB#0	20.98	15.88	50.00	PASS
BAND26	1.4MHz	64QAM	26783	1RB#0	22.38	17.28	50.00	PASS
BAND26	1.4MHz	64QAM	26783	1RB#2	22.00	16.9	50.00	PASS
BAND26	1.4MHz	64QAM	26783	1RB#5	22.21	17.11	50.00	PASS
BAND26	1.4MHz	64QAM	26783	3RB#0	22.04	16.94	50.00	PASS
BAND26	1.4MHz	64QAM	26783	3RB#1	22.03	16.93	50.00	PASS
BAND26	1.4MHz	64QAM	26783	3RB#3	21.97	16.87	50.00	PASS
BAND26	1.4MHz	64QAM	26783	6RB#0	20.93	15.83	50.00	PASS
BAND26	1.4MHz	16QAM	26697	1RB#0	23.11	18.01	50.00	PASS
BAND26	1.4MHz	16QAM	26697	1RB#2	22.93	17.83	50.00	PASS
BAND26	1.4MHz	16QAM	26697	1RB#5	23.12	18.02	50.00	PASS
BAND26	1.4MHz	16QAM	26697	3RB#0	22.86	17.76	50.00	PASS
BAND26	1.4MHz	16QAM	26697	3RB#1	22.95	17.85	50.00	PASS
BAND26	1.4MHz	16QAM	26697	3RB#3	23.28	18.18	50.00	PASS
BAND26	1.4MHz	16QAM	26697	6RB#0	22.06	16.96	50.00	PASS
BAND26	1.4MHz	16QAM	26740	1RB#0	23.35	18.25	50.00	PASS
BAND26	1.4MHz	16QAM	26740	1RB#2	22.97	17.87	50.00	PASS
BAND26	1.4MHz	16QAM	26740	1RB#5	23.20	18.10	50.00	PASS
BAND26	1.4MHz	16QAM	26740	3RB#0	23.03	17.93	50.00	PASS
BAND26	1.4MHz	16QAM	26740	3RB#1	22.98	17.88	50.00	PASS
BAND26	1.4MHz	16QAM	26740	3RB#3	23.05	17.95	50.00	PASS
BAND26	1.4MHz	16QAM	26740	6RB#0	21.94	16.84	50.00	PASS
BAND26	1.4MHz	16QAM	26783	1RB#0	23.36	18.26	50.00	PASS
BAND26	1.4MHz	16QAM	26783	1RB#2	22.88	17.78	50.00	PASS
BAND26	1.4MHz	16QAM	26783	1RB#5	23.23	18.13	50.00	PASS
BAND26	1.4MHz	16QAM	26783	3RB#0	23.10	18.00	50.00	PASS
BAND26	1.4MHz	16QAM	26783	3RB#1	22.87	17.77	50.00	PASS
BAND26	1.4MHz	16QAM	26783	3RB#3	23.02	17.92	50.00	PASS
BAND26	1.4MHz	16QAM	26783	6RB#0	22.18	17.08	50.00	PASS
BAND26	3MHz	QPSK	26705	1RB#0	24.10	19.00	50.00	PASS
BAND26	3MHz	QPSK	26705	1RB#8	23.09	17.99	50.00	PASS
BAND26	3MHz	QPSK	26705	1RB#14	24.06	18.96	50.00	PASS
BAND26	3MHz	QPSK	26705	8RB#0	22.72	17.62	50.00	PASS
BAND26	3MHz	QPSK	26705	8RB#4	22.64	17.54	50.00	PASS
BAND26	3MHz	QPSK	26705	8RB#7	22.64	17.54	50.00	PASS
BAND26	3MHz	QPSK	26705	15RB#0	22.60	17.5	50.00	PASS
BAND26	3MHz	QPSK	26740	1RB#0	24.06	18.96	50.00	PASS
BAND26	3MHz	QPSK	26740	1RB#8	23.18	18.08	50.00	PASS
BAND26	3MHz	QPSK	26740	1RB#14	24.21	19.11	50.00	PASS
BAND26	3MHz	QPSK	26740	8RB#0	22.70	17.60	50.00	PASS
BAND26	3MHz	QPSK	26740	8RB#4	22.49	17.39	50.00	PASS

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BAND26	3MHz	QPSK	26740	8RB#7	22.68	17.58	50.00	PASS
BAND26	3MHz	QPSK	26740	15RB#0	22.64	17.54	50.00	PASS
BAND26	3MHz	QPSK	26775	1RB#0	24.11	19.01	50.00	PASS
BAND26	3MHz	QPSK	26775	1RB#8	23.19	18.09	50.00	PASS
BAND26	3MHz	QPSK	26775	1RB#14	24.23	19.13	50.00	PASS
BAND26	3MHz	QPSK	26775	8RB#0	22.54	17.44	50.00	PASS
BAND26	3MHz	QPSK	26775	8RB#4	22.64	17.54	50.00	PASS
BAND26	3MHz	QPSK	26775	8RB#7	22.70	17.60	50.00	PASS
BAND26	3MHz	QPSK	26775	15RB#0	22.65	17.55	50.00	PASS
BAND26	3MHz	64QAM	26705	1RB#0	23.11	18.01	50.00	PASS
BAND26	3MHz	64QAM	26705	1RB#8	22.04	16.94	50.00	PASS
BAND26	3MHz	64QAM	26705	1RB#14	23.10	18.00	50.00	PASS
BAND26	3MHz	64QAM	26705	8RB#0	22.19	17.09	50.00	PASS
BAND26	3MHz	64QAM	26705	8RB#4	22.10	17.00	50.00	PASS
BAND26	3MHz	64QAM	26705	8RB#7	22.08	16.98	50.00	PASS
BAND26	3MHz	64QAM	26705	15RB#0	22.03	16.93	50.00	PASS
BAND26	3MHz	64QAM	26740	1RB#0	22.39	17.29	50.00	PASS
BAND26	3MHz	64QAM	26740	1RB#8	21.31	16.21	50.00	PASS
BAND26	3MHz	64QAM	26740	1RB#14	22.27	17.17	50.00	PASS
BAND26	3MHz	64QAM	26740	8RB#0	21.21	16.11	50.00	PASS
BAND26	3MHz	64QAM	26740	8RB#4	20.95	15.85	50.00	PASS
BAND26	3MHz	64QAM	26740	8RB#7	21.07	15.97	50.00	PASS
BAND26	3MHz	64QAM	26740	15RB#0	21.01	15.91	50.00	PASS
BAND26	3MHz	64QAM	26775	1RB#0	22.21	17.11	50.00	PASS
BAND26	3MHz	64QAM	26775	1RB#8	21.38	16.28	50.00	PASS
BAND26	3MHz	64QAM	26775	1RB#14	22.34	17.24	50.00	PASS
BAND26	3MHz	64QAM	26775	8RB#0	21.05	15.95	50.00	PASS
BAND26	3MHz	64QAM	26775	8RB#4	21.10	16.00	50.00	PASS
BAND26	3MHz	64QAM	26775	8RB#7	21.19	16.09	50.00	PASS
BAND26	3MHz	64QAM	26775	15RB#0	21.07	15.97	50.00	PASS
BAND26	3MHz	16QAM	26705	1RB#0	23.25	18.15	50.00	PASS
BAND26	3MHz	16QAM	26705	1RB#8	22.22	17.12	50.00	PASS
BAND26	3MHz	16QAM	26705	1RB#14	23.28	18.18	50.00	PASS
BAND26	3MHz	16QAM	26705	8RB#0	22.21	17.11	50.00	PASS
BAND26	3MHz	16QAM	26705	8RB#4	22.12	17.02	50.00	PASS
BAND26	3MHz	16QAM	26705	8RB#7	22.07	16.97	50.00	PASS
BAND26	3MHz	16QAM	26705	15RB#0	22.03	16.93	50.00	PASS
BAND26	3MHz	16QAM	26740	1RB#0	23.26	18.16	50.00	PASS
BAND26	3MHz	16QAM	26740	1RB#8	22.38	17.28	50.00	PASS
BAND26	3MHz	16QAM	26740	1RB#14	23.37	18.27	50.00	PASS
BAND26	3MHz	16QAM	26740	8RB#0	22.17	17.07	50.00	PASS

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BAND26	3MHz	16QAM	26740	8RB#4	21.93	16.83	50.00	PASS
BAND26	3MHz	16QAM	26740	8RB#7	22.14	17.04	50.00	PASS
BAND26	3MHz	16QAM	26740	15RB#0	22.07	16.97	50.00	PASS
BAND26	3MHz	16QAM	26775	1RB#0	23.24	18.14	50.00	PASS
BAND26	3MHz	16QAM	26775	1RB#8	22.35	17.25	50.00	PASS
BAND26	3MHz	16QAM	26775	1RB#14	23.37	18.27	50.00	PASS
BAND26	3MHz	16QAM	26775	8RB#0	22.02	16.92	50.00	PASS
BAND26	3MHz	16QAM	26775	8RB#4	22.09	16.99	50.00	PASS
BAND26	3MHz	16QAM	26775	8RB#7	22.12	17.02	50.00	PASS
BAND26	3MHz	16QAM	26775	15RB#0	22.07	16.97	50.00	PASS
BAND26	5MHz	QPSK	26715	1RB#0	23.82	18.72	50.00	PASS
BAND26	5MHz	QPSK	26715	1RB#12	23.53	18.43	50.00	PASS
BAND26	5MHz	QPSK	26715	1RB#24	24.22	19.12	50.00	PASS
BAND26	5MHz	QPSK	26715	12RB#0	22.43	17.33	50.00	PASS
BAND26	5MHz	QPSK	26715	12RB#6	22.83	17.73	50.00	PASS
BAND26	5MHz	QPSK	26715	12RB#13	22.77	17.67	50.00	PASS
BAND26	5MHz	QPSK	26715	25RB#0	22.48	17.38	50.00	PASS
BAND26	5MHz	QPSK	26740	1RB#0	24.07	18.97	50.00	PASS
BAND26	5MHz	QPSK	26740	1RB#12	23.57	18.47	50.00	PASS
BAND26	5MHz	QPSK	26740	1RB#24	24.13	19.03	50.00	PASS
BAND26	5MHz	QPSK	26740	12RB#0	22.64	17.54	50.00	PASS
BAND26	5MHz	QPSK	26740	12RB#6	22.75	17.65	50.00	PASS
BAND26	5MHz	QPSK	26740	12RB#13	22.72	17.62	50.00	PASS
BAND26	5MHz	QPSK	26740	25RB#0	22.61	17.51	50.00	PASS
BAND26	5MHz	QPSK	26765	1RB#0	24.27	19.17	50.00	PASS
BAND26	5MHz	QPSK	26765	1RB#12	23.53	18.43	50.00	PASS
BAND26	5MHz	QPSK	26765	1RB#24	24.25	19.15	50.00	PASS
BAND26	5MHz	QPSK	26765	12RB#0	22.79	17.69	50.00	PASS
BAND26	5MHz	QPSK	26765	12RB#6	22.71	17.61	50.00	PASS
BAND26	5MHz	QPSK	26765	12RB#13	22.65	17.55	50.00	PASS
BAND26	5MHz	QPSK	26765	25RB#0	22.63	17.53	50.00	PASS
BAND26	5MHz	64QAM	26715	1RB#0	22.83	17.73	50.00	PASS
BAND26	5MHz	64QAM	26715	1RB#12	22.67	17.57	50.00	PASS
BAND26	5MHz	64QAM	26715	1RB#24	23.20	18.10	50.00	PASS
BAND26	5MHz	64QAM	26715	12RB#0	21.94	16.84	50.00	PASS
BAND26	5MHz	64QAM	26715	12RB#6	22.26	17.16	50.00	PASS
BAND26	5MHz	64QAM	26715	12RB#13	22.21	17.11	50.00	PASS
BAND26	5MHz	64QAM	26715	25RB#0	21.92	16.82	50.00	PASS
BAND26	5MHz	64QAM	26740	1RB#0	22.23	17.13	50.00	PASS
BAND26	5MHz	64QAM	26740	1RB#12	21.74	16.64	50.00	PASS
BAND26	5MHz	64QAM	26740	1RB#24	22.30	17.2	50.00	PASS

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BAND26	5MHz	64QAM	26740	12RB#0	21.12	16.02	50.00	PASS
BAND26	5MHz	64QAM	26740	12RB#6	21.20	16.1	50.00	PASS
BAND26	5MHz	64QAM	26740	12RB#13	21.18	16.08	50.00	PASS
BAND26	5MHz	64QAM	26740	25RB#0	21.07	15.97	50.00	PASS
BAND26	5MHz	64QAM	26765	1RB#0	22.32	17.22	50.00	PASS
BAND26	5MHz	64QAM	26765	1RB#12	21.80	16.70	50.00	PASS
BAND26	5MHz	64QAM	26765	1RB#24	22.39	17.29	50.00	PASS
BAND26	5MHz	64QAM	26765	12RB#0	21.29	16.19	50.00	PASS
BAND26	5MHz	64QAM	26765	12RB#6	21.21	16.11	50.00	PASS
BAND26	5MHz	64QAM	26765	12RB#13	21.14	16.04	50.00	PASS
BAND26	5MHz	64QAM	26765	25RB#0	21.10	16.00	50.00	PASS
BAND26	5MHz	16QAM	26715	1RB#0	22.94	17.84	50.00	PASS
BAND26	5MHz	16QAM	26715	1RB#12	22.83	17.73	50.00	PASS
BAND26	5MHz	16QAM	26715	1RB#24	23.35	18.25	50.00	PASS
BAND26	5MHz	16QAM	26715	12RB#0	21.90	16.8	50.00	PASS
BAND26	5MHz	16QAM	26715	12RB#6	22.25	17.15	50.00	PASS
BAND26	5MHz	16QAM	26715	12RB#13	22.22	17.12	50.00	PASS
BAND26	5MHz	16QAM	26715	25RB#0	21.93	16.83	50.00	PASS
BAND26	5MHz	16QAM	26740	1RB#0	23.29	18.19	50.00	PASS
BAND26	5MHz	16QAM	26740	1RB#12	22.78	17.68	50.00	PASS
BAND26	5MHz	16QAM	26740	1RB#24	23.33	18.23	50.00	PASS
BAND26	5MHz	16QAM	26740	12RB#0	22.07	16.97	50.00	PASS
BAND26	5MHz	16QAM	26740	12RB#6	22.19	17.09	50.00	PASS
BAND26	5MHz	16QAM	26740	12RB#13	22.15	17.05	50.00	PASS
BAND26	5MHz	16QAM	26740	25RB#0	22.03	16.93	50.00	PASS
BAND26	5MHz	16QAM	26765	1RB#0	23.38	18.28	50.00	PASS
BAND26	5MHz	16QAM	26765	1RB#12	22.77	17.67	50.00	PASS
BAND26	5MHz	16QAM	26765	1RB#24	23.39	18.29	50.00	PASS
BAND26	5MHz	16QAM	26765	12RB#0	22.26	17.16	50.00	PASS
BAND26	5MHz	16QAM	26765	12RB#6	22.17	17.07	50.00	PASS
BAND26	5MHz	16QAM	26765	12RB#13	22.10	17.00	50.00	PASS
BAND26	5MHz	16QAM	26765	25RB#0	22.05	16.95	50.00	PASS
BAND26	10MHz	QPSK	26740	1RB#0	24.23	19.13	50.00	PASS
BAND26	10MHz	QPSK	26740	1RB#24	23.88	18.78	50.00	PASS
BAND26	10MHz	QPSK	26740	1RB#49	24.06	18.96	50.00	PASS
BAND26	10MHz	QPSK	26740	25RB#0	22.72	17.62	50.00	PASS
BAND26	10MHz	QPSK	26740	25RB#12	22.61	17.51	50.00	PASS
BAND26	10MHz	QPSK	26740	25RB#25	22.51	17.41	50.00	PASS
BAND26	10MHz	QPSK	26740	50RB#0	22.59	17.49	50.00	PASS
BAND26	10MHz	64QAM	26740	1RB#0	22.41	17.31	50.00	PASS
BAND26	10MHz	64QAM	26740	1RB#24	21.90	16.8	50.00	PASS

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BAND26	10MHz	64QAM	26740	1RB#49	22.25	17.15	50.00	PASS
BAND26	10MHz	64QAM	26740	25RB#0	21.21	16.11	50.00	PASS
BAND26	10MHz	64QAM	26740	25RB#12	21.05	15.95	50.00	PASS
BAND26	10MHz	64QAM	26740	25RB#25	20.99	15.89	50.00	PASS
BAND26	10MHz	64QAM	26740	50RB#0	21.06	15.96	50.00	PASS
BAND26	10MHz	16QAM	26740	1RB#0	23.40	18.3	50.00	PASS
BAND26	10MHz	16QAM	26740	1RB#24	23.05	17.95	50.00	PASS
BAND26	10MHz	16QAM	26740	1RB#49	23.20	18.10	50.00	PASS
BAND26	10MHz	16QAM	26740	25RB#0	22.18	17.08	50.00	PASS
BAND26	10MHz	16QAM	26740	25RB#12	22.04	16.94	50.00	PASS
BAND26	10MHz	16QAM	26740	25RB#25	21.94	16.84	50.00	PASS
BAND26	10MHz	16QAM	26740	50RB#0	21.99	16.89	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,

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]

EIRP [dBm] = SGP [dBm] – Cable Loss [dB] + Gain [dBi]

b: SGP=Signal Generator Level

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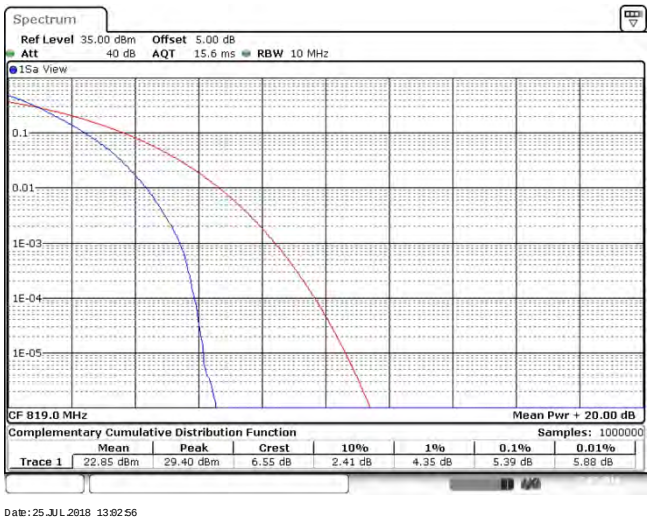
2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

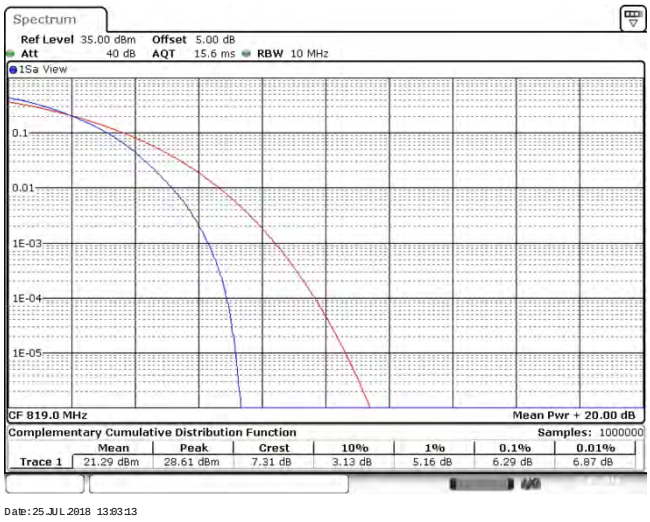
BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
BAND26	10MHz	QPSK	26740	50RB#0	5.39	13	PASS
BAND26	10MHz	64QAM	26740	50RB#0	6.29	13	PASS
BAND26	10MHz	16QAM	26740	50RB#0	6.09	13	PASS

2.2. Test Plots

BAND26_10MHz_QPSK_26740_50RB#0



BAND26_10MHz_64QAM_26740_50RB#0



BAND26_10MHz_16QAM_26740_50RB#0

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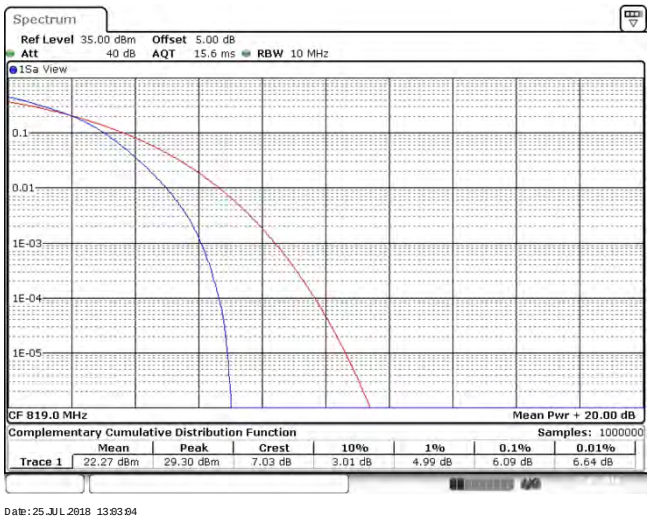

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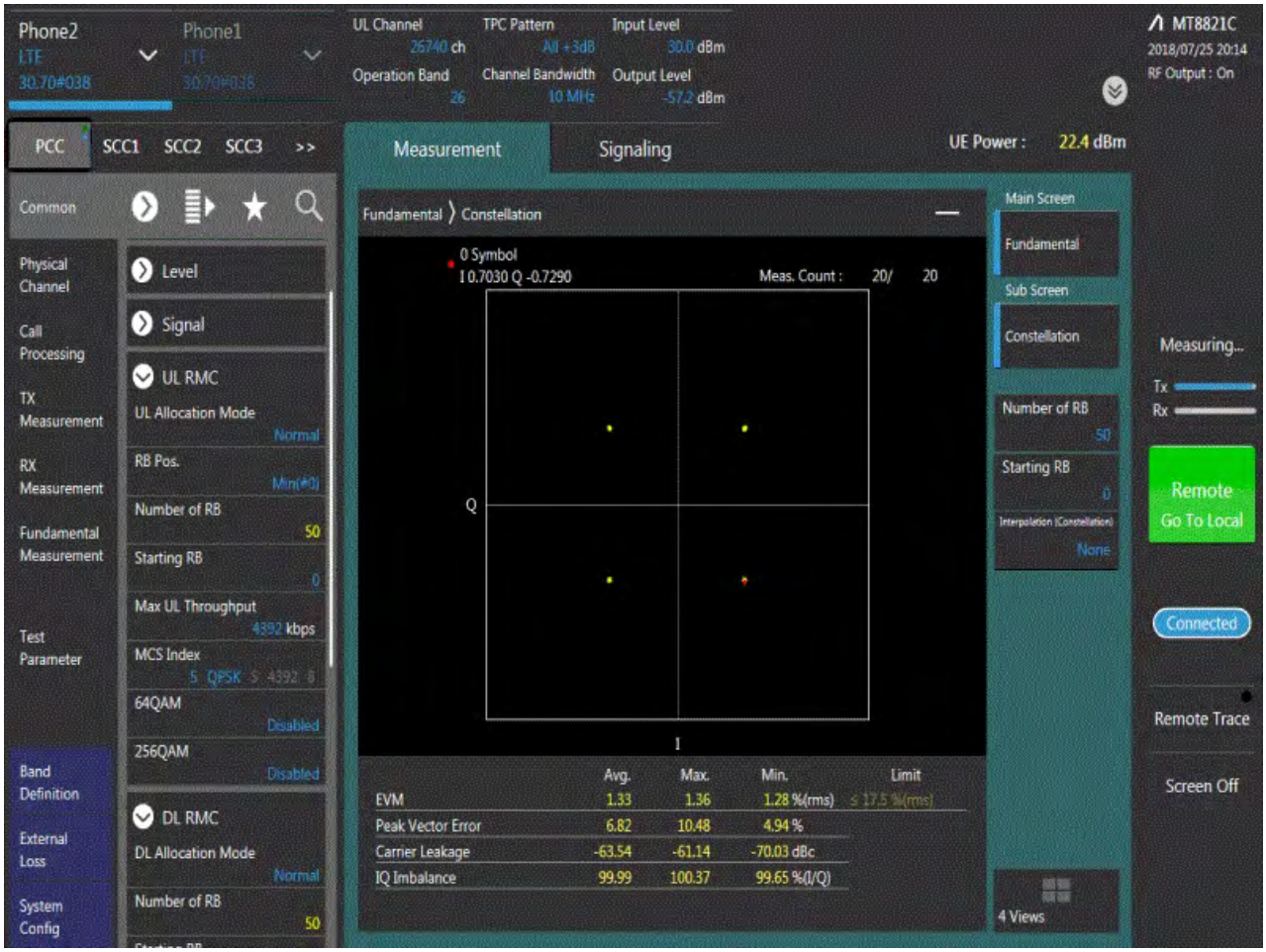
3. Modulation Characteristics

3.1. Test BAND = LTE BAND26

3.1.1. Test Mode = LTE /TM1 10MHz

3.1.1.1. Test Channel = MCH



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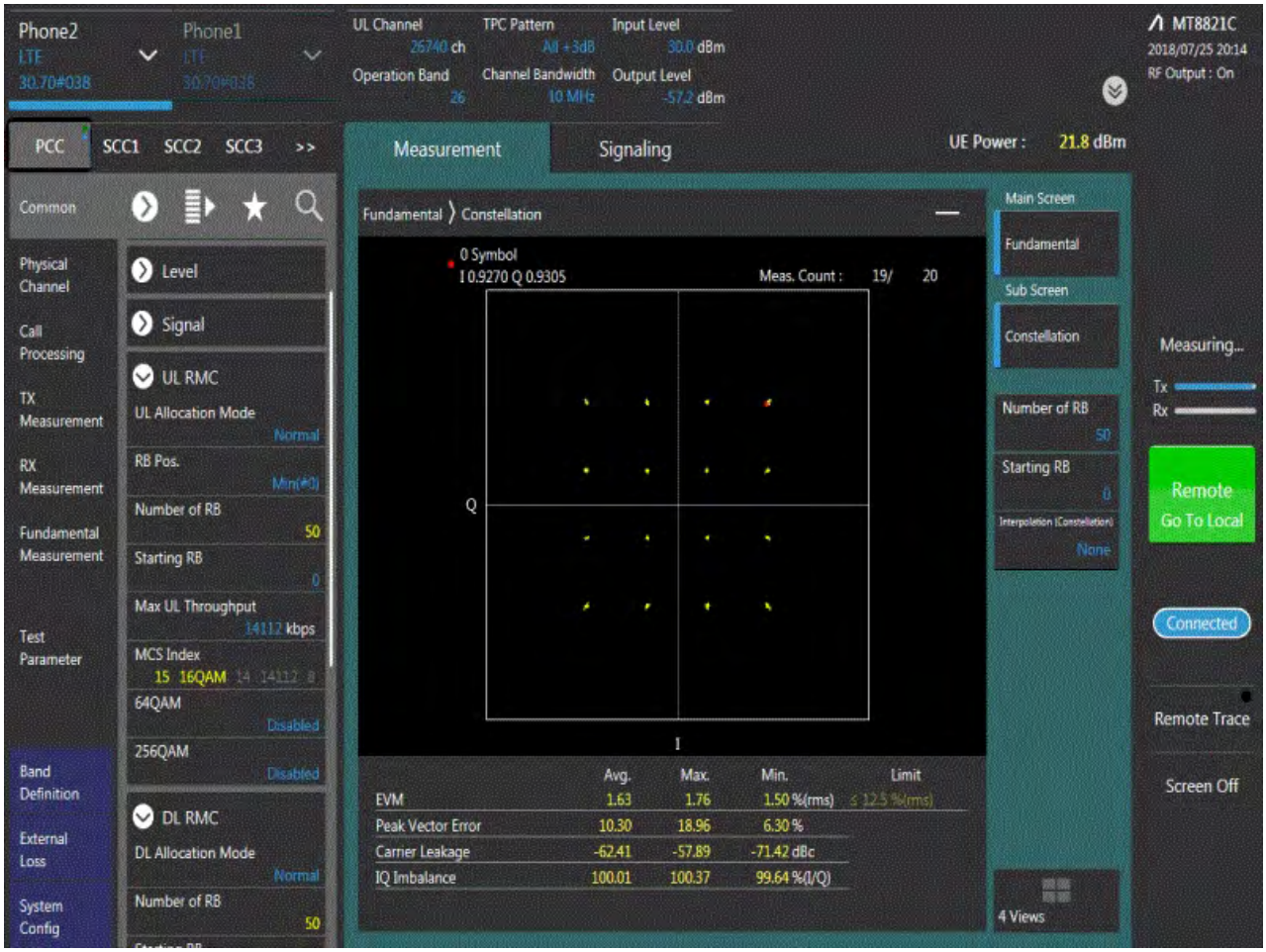
3.1.2. Test Mode = LTE /TM2 10MHz

3.1.2.1. Test Channel = MCH



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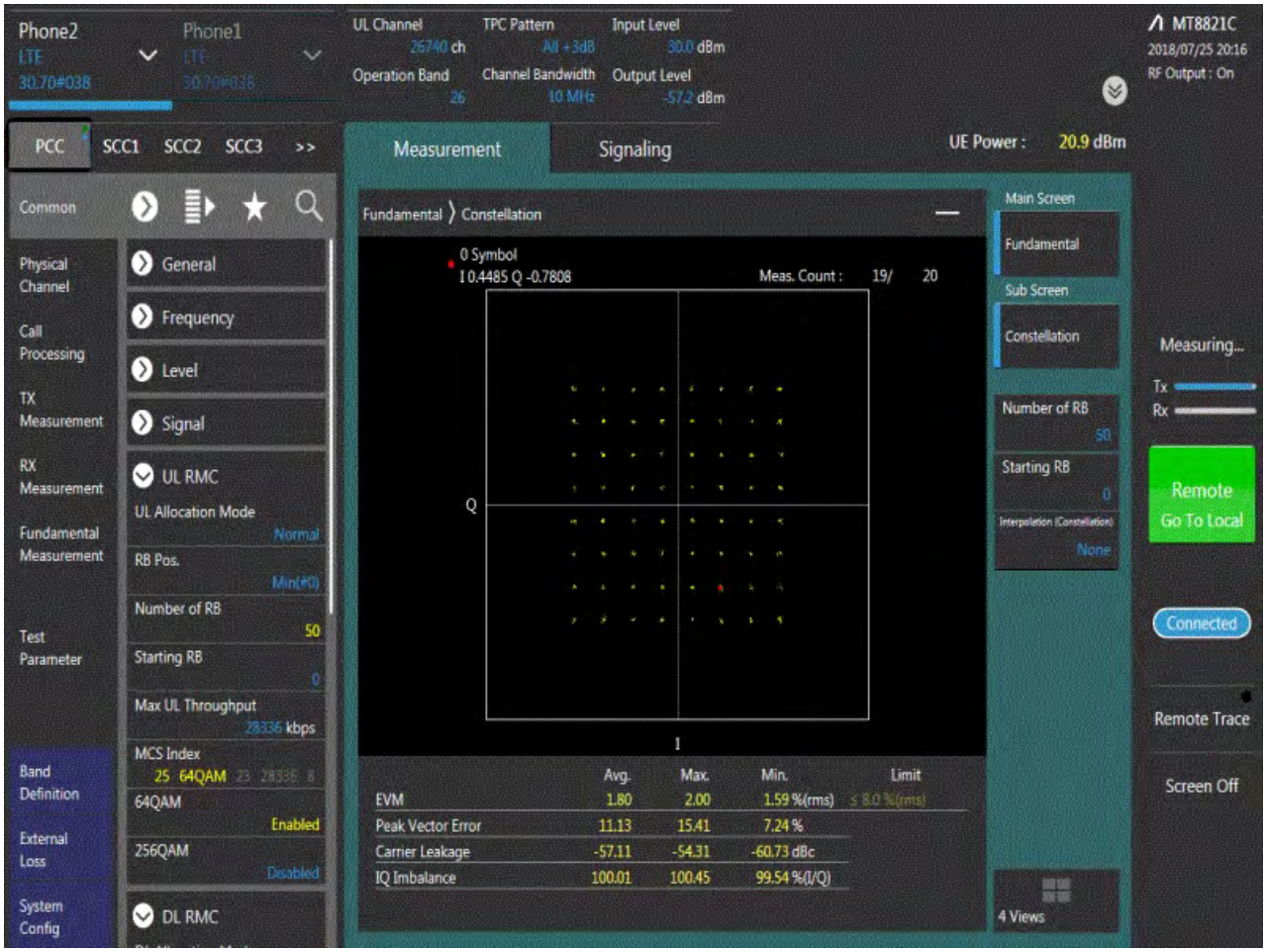
3.1.3. Test Mode = LTE /TM3 10MHz

3.1.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
BAND26	1.4MHz	QPSK	26697	6RB#0	1.103	1.248	PASS
BAND26	1.4MHz	QPSK	26740	6RB#0	1.1	1.245	PASS
BAND26	1.4MHz	QPSK	26783	6RB#0	1.103	1.245	PASS
BAND26	1.4MHz	64QAM	26697	6RB#0	1.1	1.251	PASS
BAND26	1.4MHz	64QAM	26740	6RB#0	1.1	1.245	PASS
BAND26	1.4MHz	64QAM	26783	6RB#0	1.097	1.245	PASS
BAND26	1.4MHz	16QAM	26697	6RB#0	1.1	1.245	PASS
BAND26	1.4MHz	16QAM	26740	6RB#0	1.1	1.248	PASS
BAND26	1.4MHz	16QAM	26783	6RB#0	1.097	1.251	PASS
BAND26	3MHz	QPSK	26705	15RB#0	2.697	2.964	PASS
BAND26	3MHz	QPSK	26740	15RB#0	2.691	2.970	PASS
BAND26	3MHz	QPSK	26775	15RB#0	2.697	2.964	PASS
BAND26	3MHz	64QAM	26705	15RB#0	2.691	2.958	PASS
BAND26	3MHz	64QAM	26740	15RB#0	2.703	2.976	PASS
BAND26	3MHz	64QAM	26775	15RB#0	2.697	2.964	PASS
BAND26	3MHz	16QAM	26705	15RB#0	2.697	2.982	PASS
BAND26	3MHz	16QAM	26740	15RB#0	2.703	2.952	PASS
BAND26	3MHz	16QAM	26775	15RB#0	2.697	2.970	PASS
BAND26	5MHz	QPSK	26715	25RB#0	4.476	4.900	PASS
BAND26	5MHz	QPSK	26740	25RB#0	4.476	4.880	PASS
BAND26	5MHz	QPSK	26765	25RB#0	4.476	4.890	PASS
BAND26	5MHz	64QAM	26715	25RB#0	4.476	4.920	PASS
BAND26	5MHz	64QAM	26740	25RB#0	4.476	4.910	PASS
BAND26	5MHz	64QAM	26765	25RB#0	4.466	4.890	PASS
BAND26	5MHz	16QAM	26715	25RB#0	4.486	4.920	PASS
BAND26	5MHz	16QAM	26740	25RB#0	4.476	4.890	PASS
BAND26	5MHz	16QAM	26765	25RB#0	4.476	4.900	PASS
BAND26	10MHz	QPSK	26740	50RB#0	8.951	9.740	PASS
BAND26	10MHz	64QAM	26740	50RB#0	8.951	9.800	PASS
BAND26	10MHz	16QAM	26740	50RB#0	8.951	9.840	PASS

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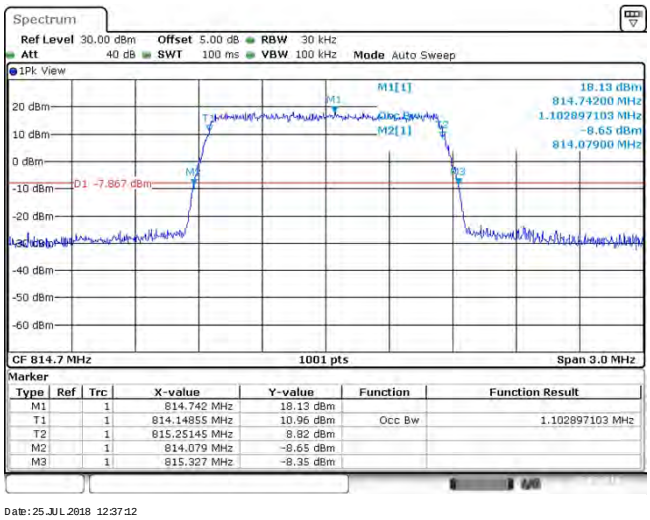
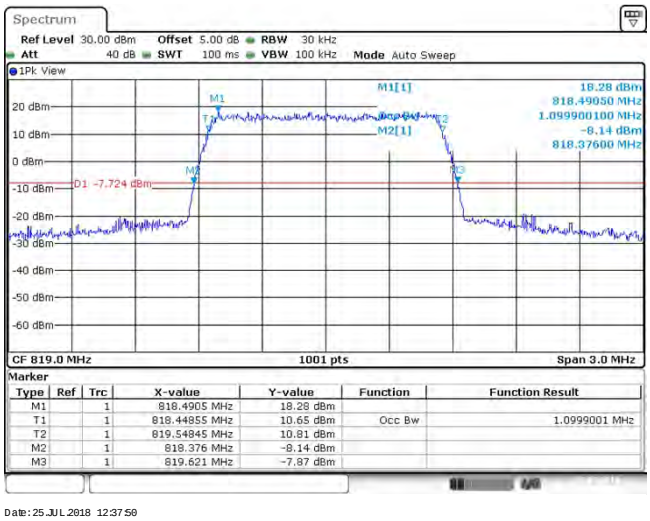
4.2. Test Plots

BAND26_1.4MHz_QPSK_26697_6RB#0



BAND26_1.4MHz_QPSK_26740_6RB#0



BAND26_1.4MHz_QPSK_26783_6RB#0

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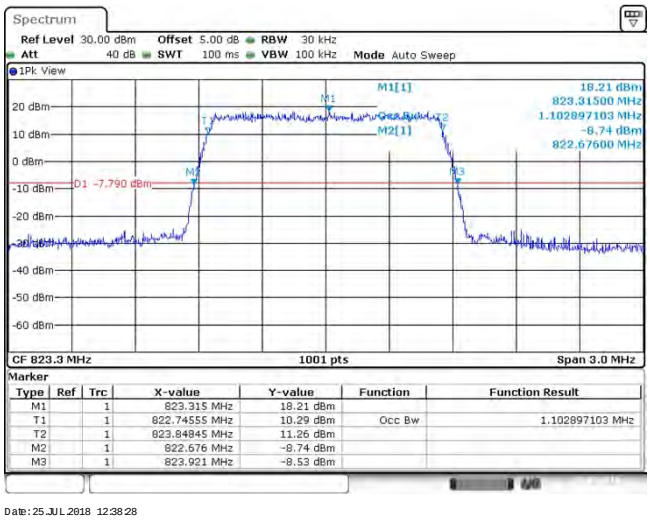

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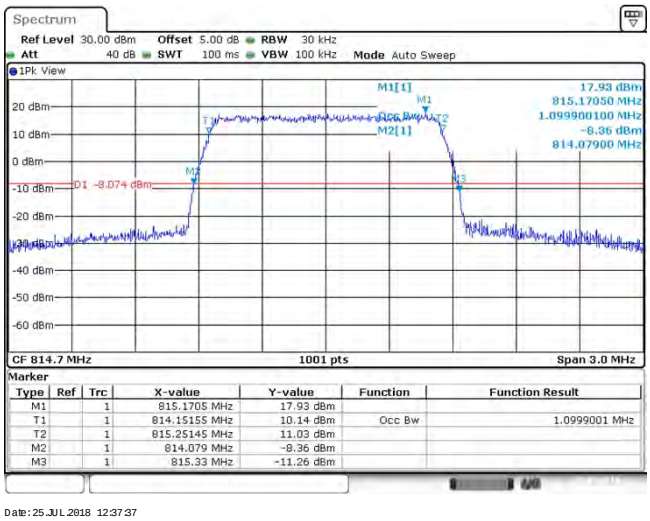
BAND26_1.4MHz_64QAM_26697_6RB#0



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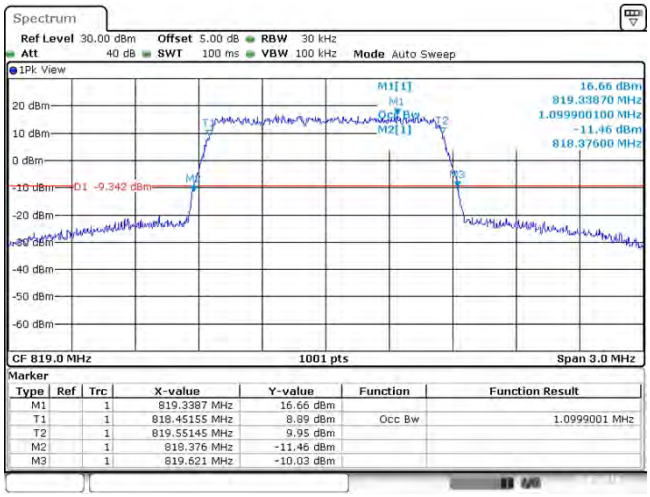

Date: 25.JUL.2018 12:38:15

BAND26_1.4MHz_64QAM_26783_6RB#0

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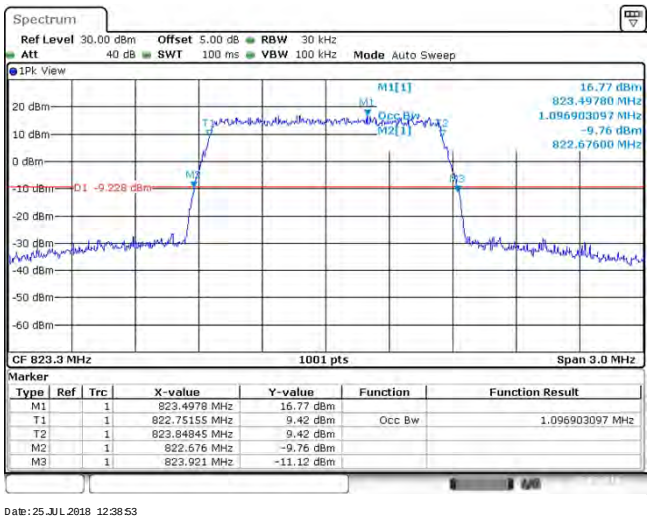

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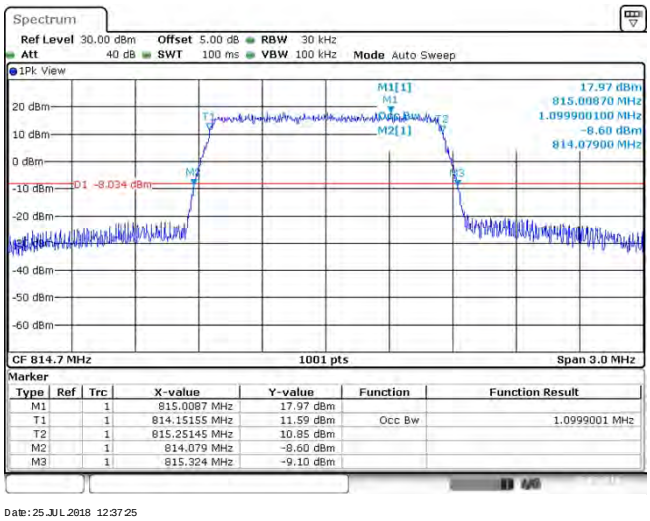

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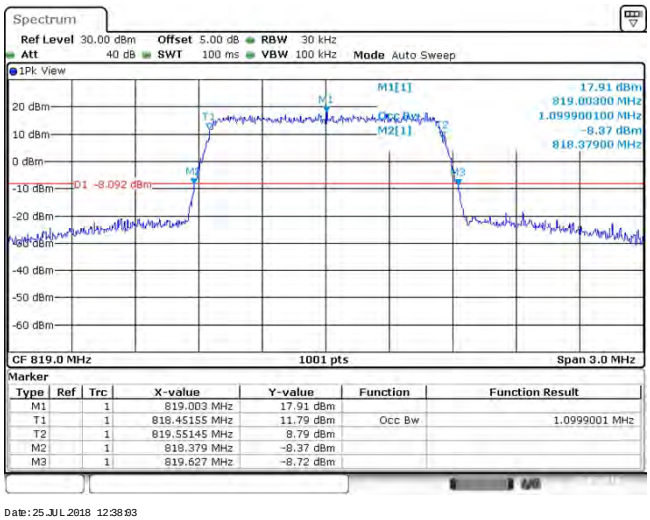

BAND26_1.4MHz_16QAM_26783_6RB#0

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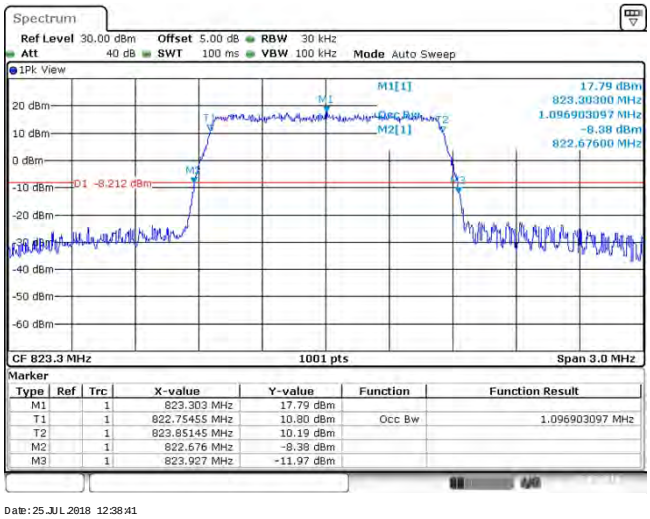
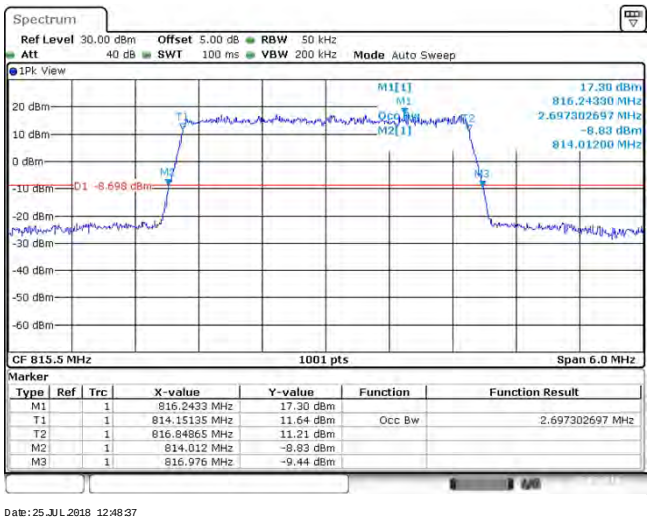
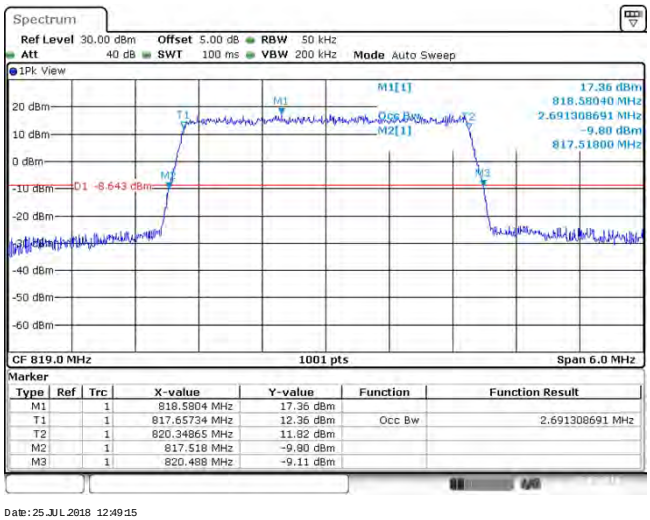


BAND26_3MHz_QPSK_26705_15RB#0



BAND26_3MHz_QPSK_26740_15RB#0



BAND26_3MHz_QPSK_26775_15RB#0

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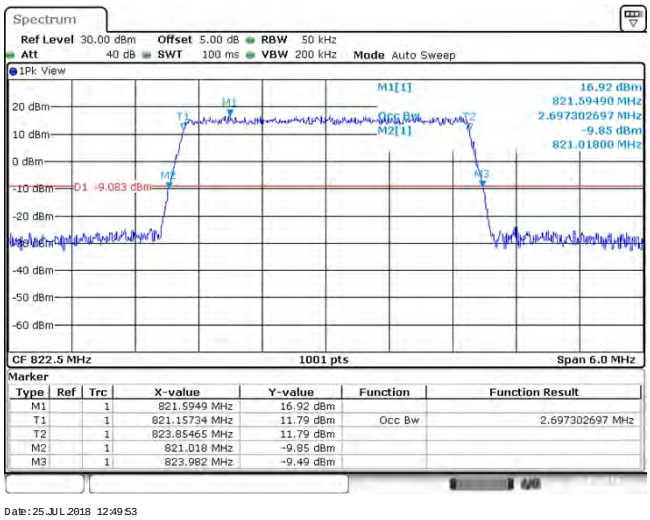

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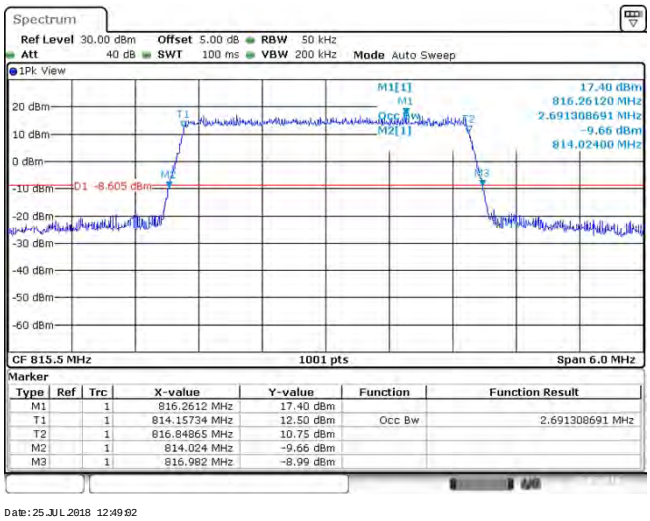

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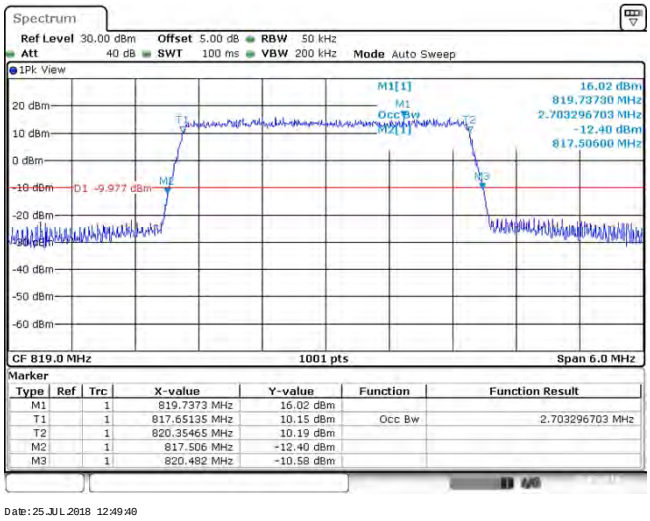

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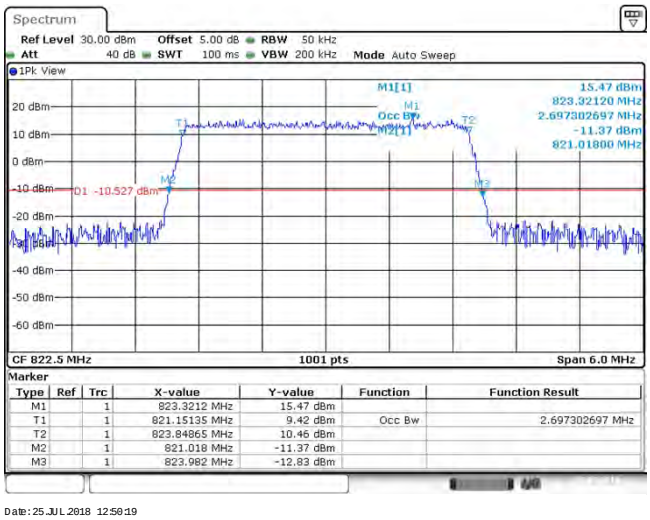

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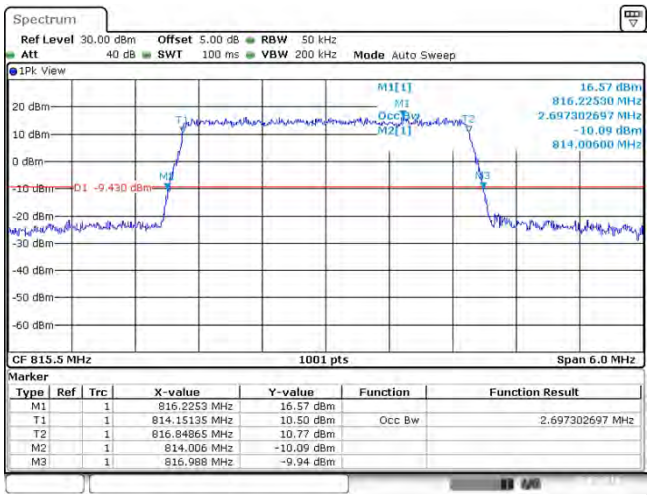

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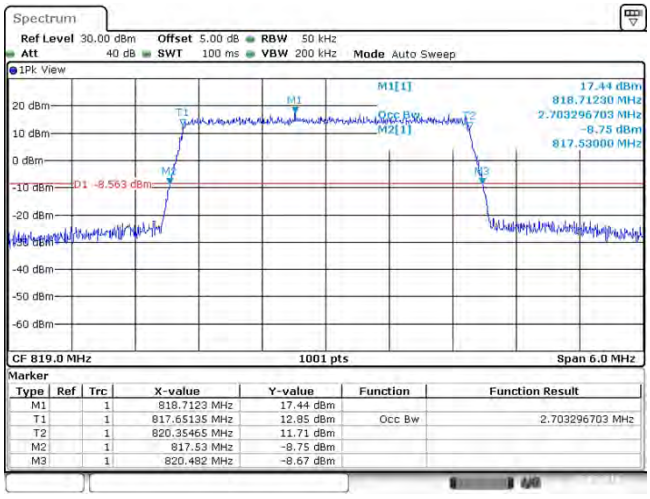

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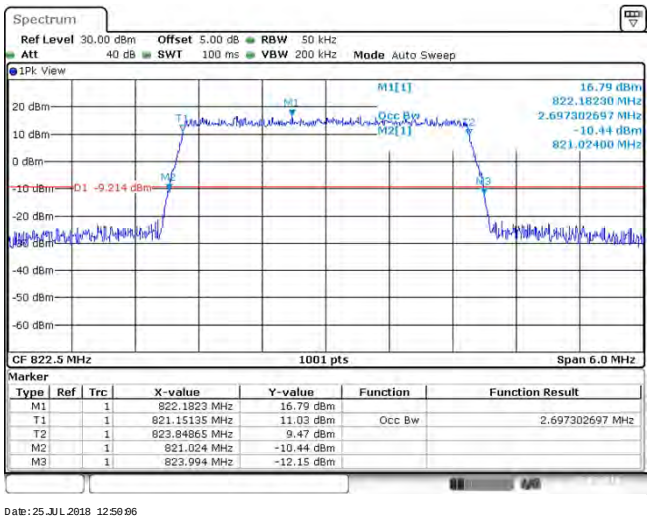

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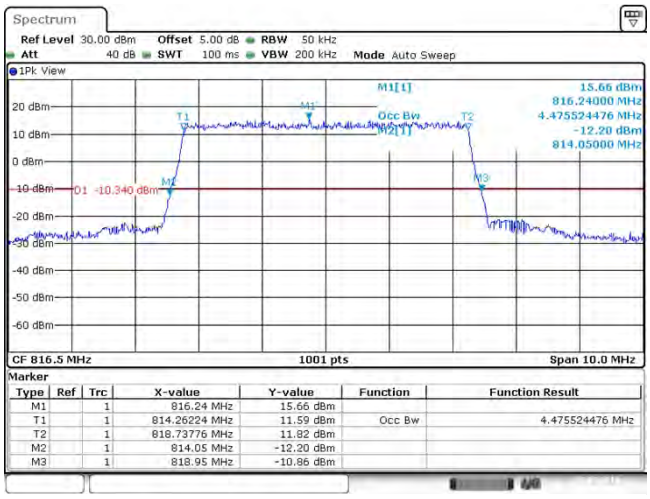

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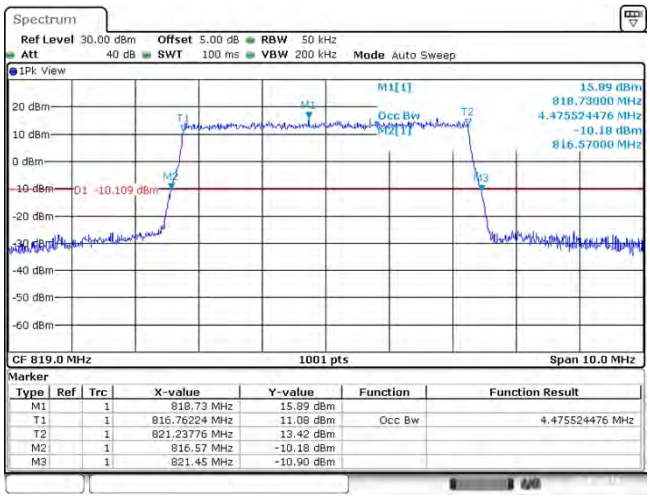

BAND26_5MHz_QPSK_26765_25RB#0

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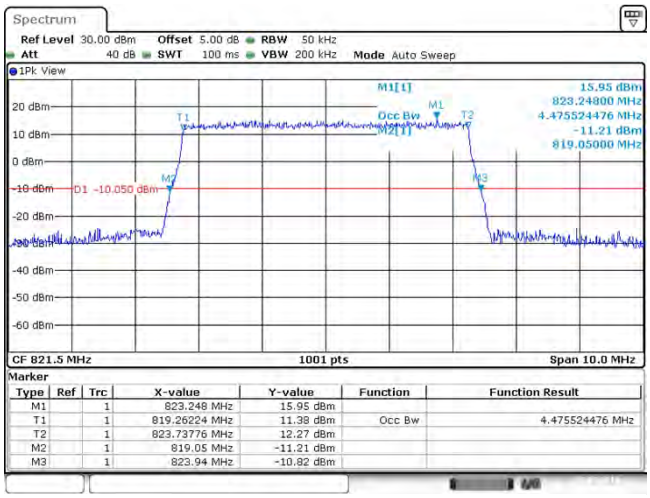

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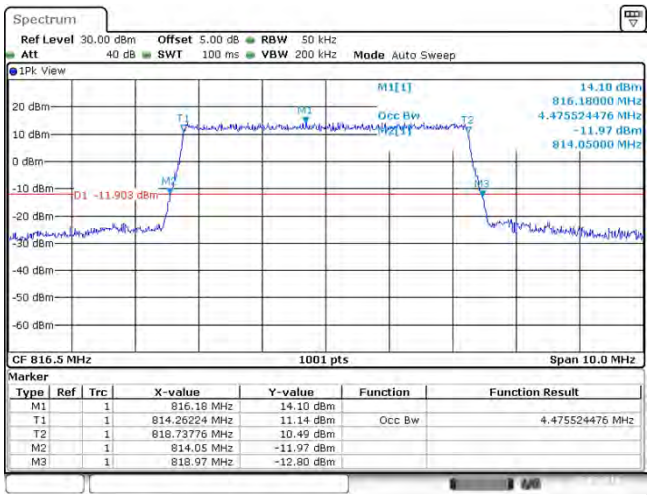

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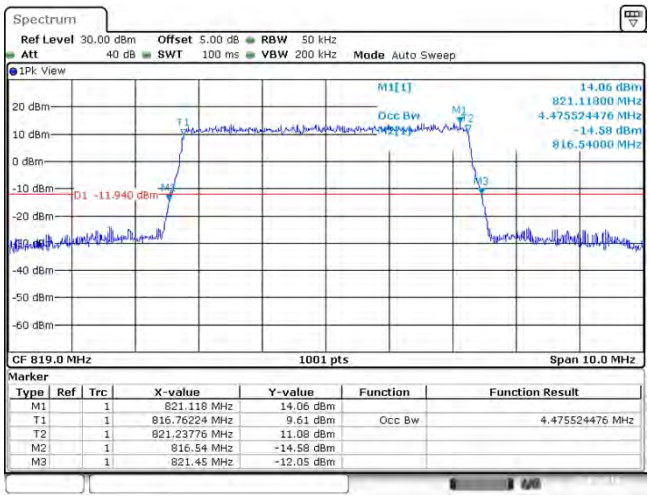

BAND26_5MHz_64QAM_26765_25RB#0

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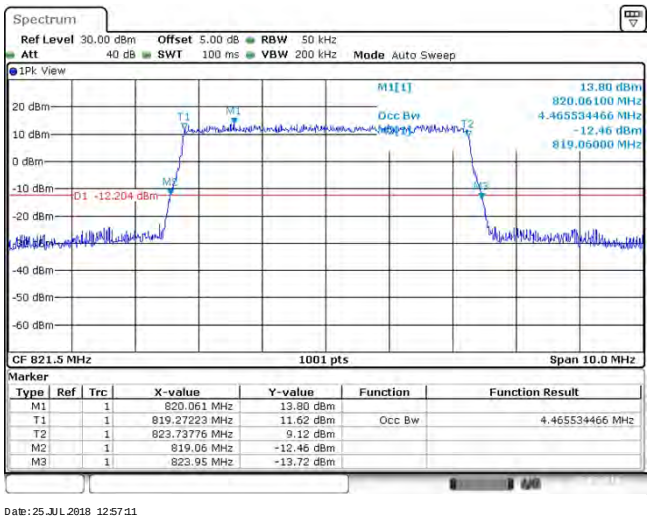

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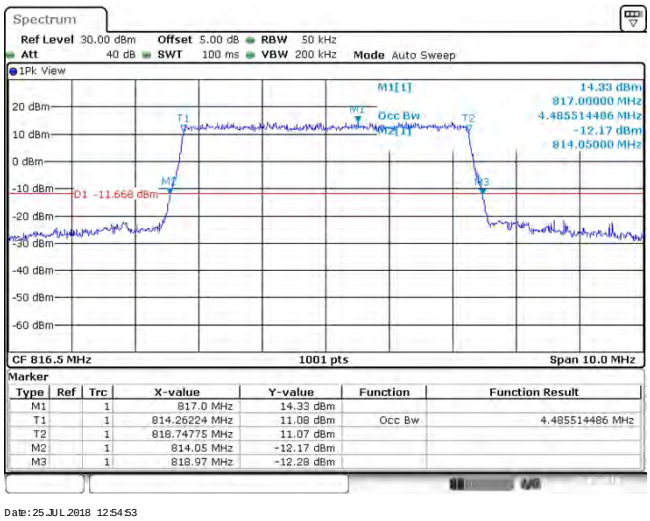

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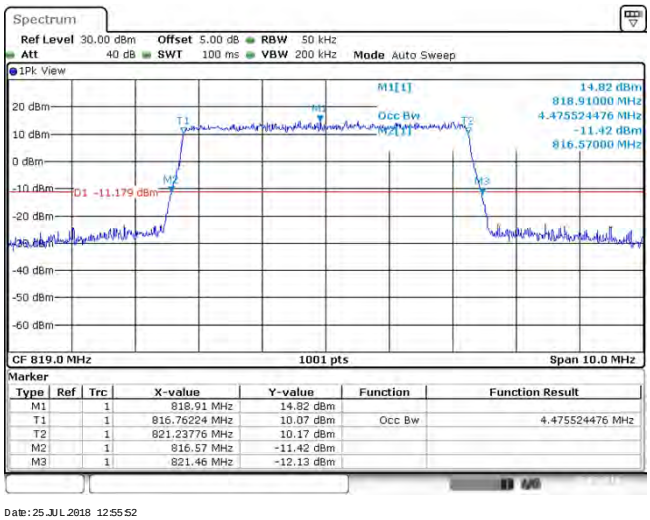

BAND26_5MHz_16QAM_26765_25RB#0

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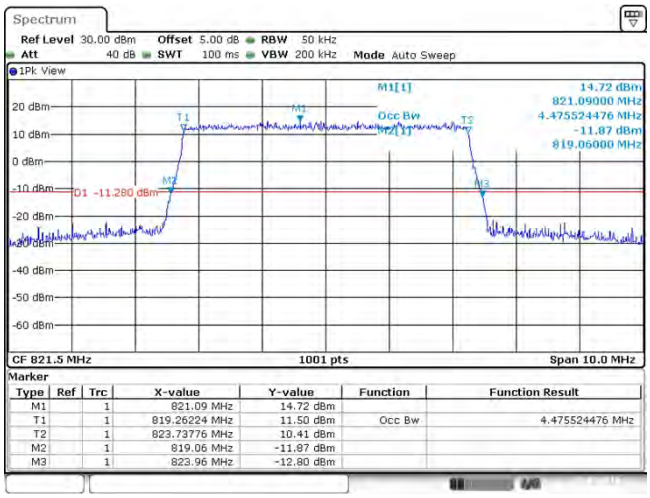
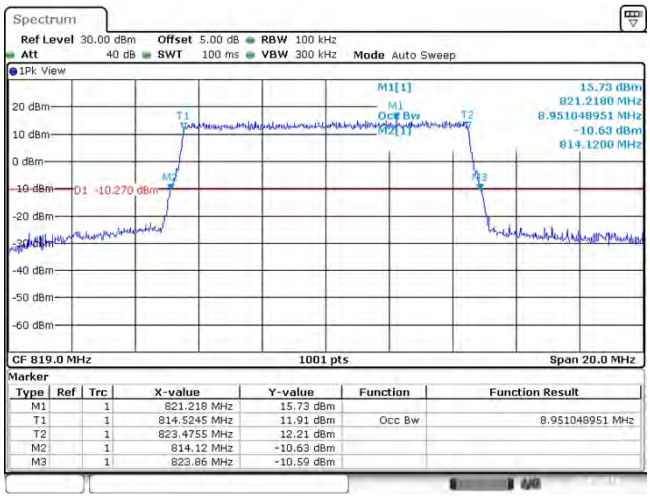


BAND26_10MHz_QPSK_26740_50RB#0



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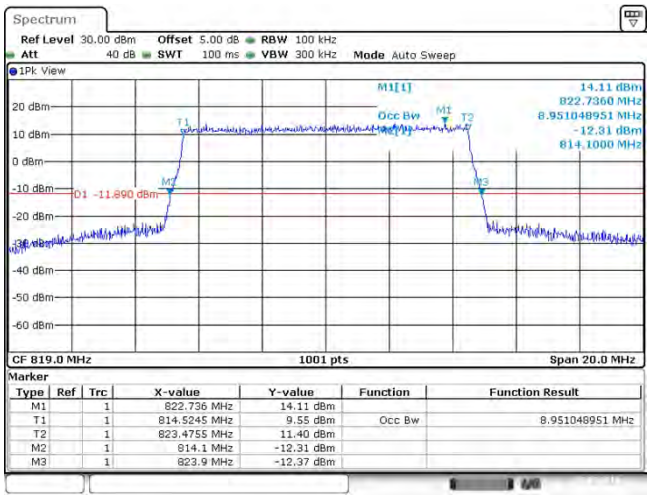

BAND26_10MHz_16QAM_26740_50RB#0

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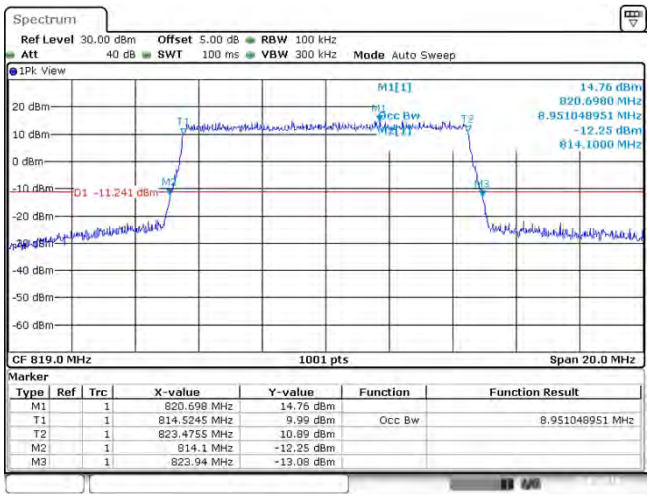

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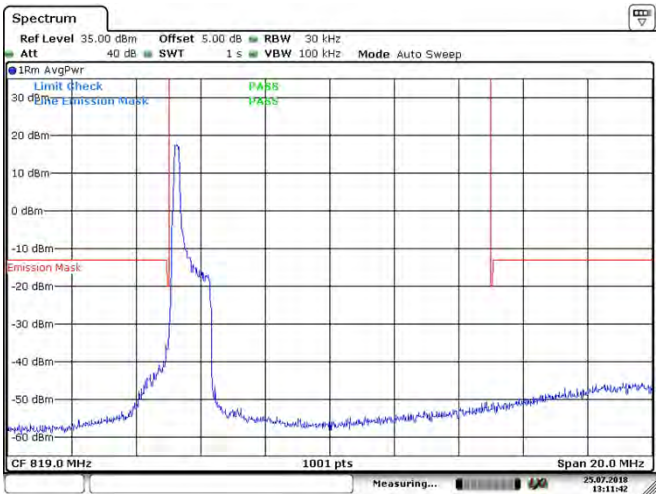
5. Band Edge Compliance

5.1. Test Plots

BAND26_1.4MHz_QPSK_26697_1RB#0



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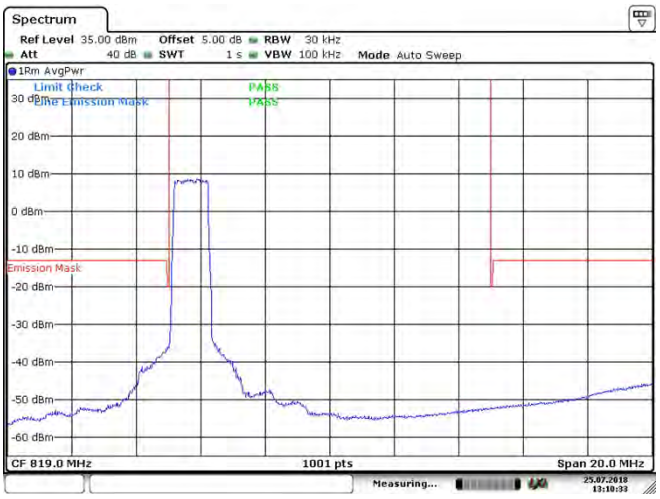

BAND26_1.4MHz_QPSK_26783_1RB#5

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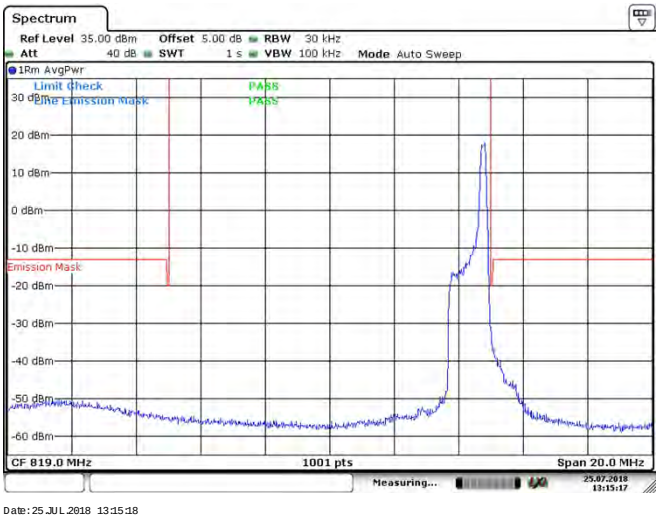

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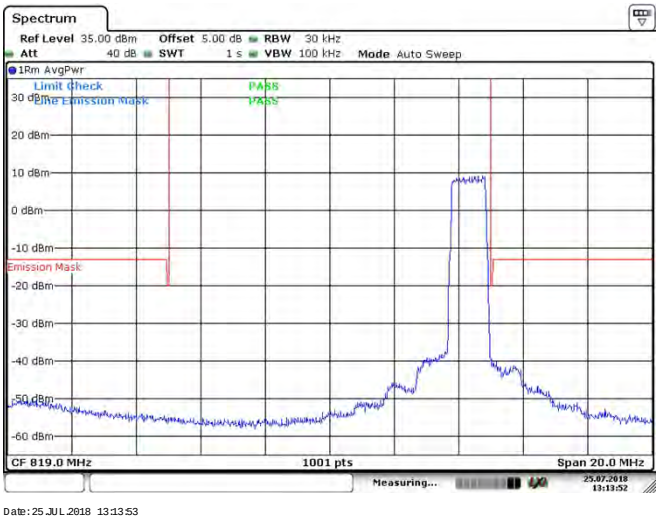

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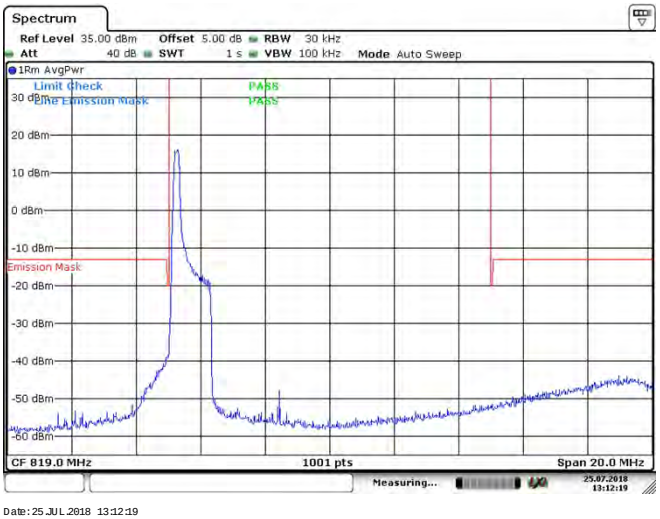

BAND26_1.4MHz_64QAM_26697_6RB#0

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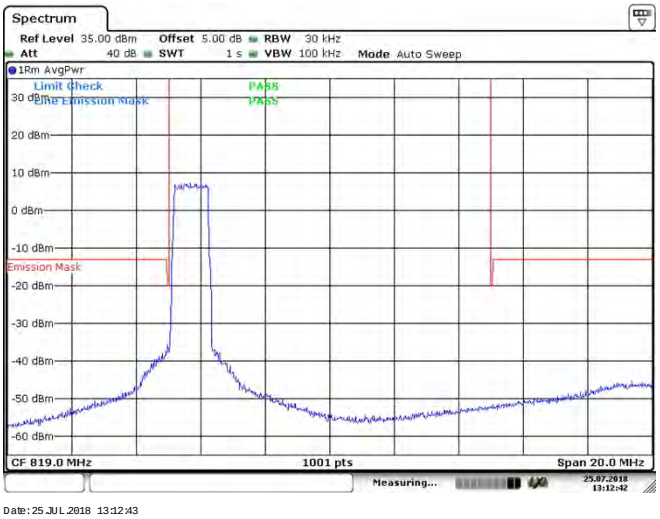

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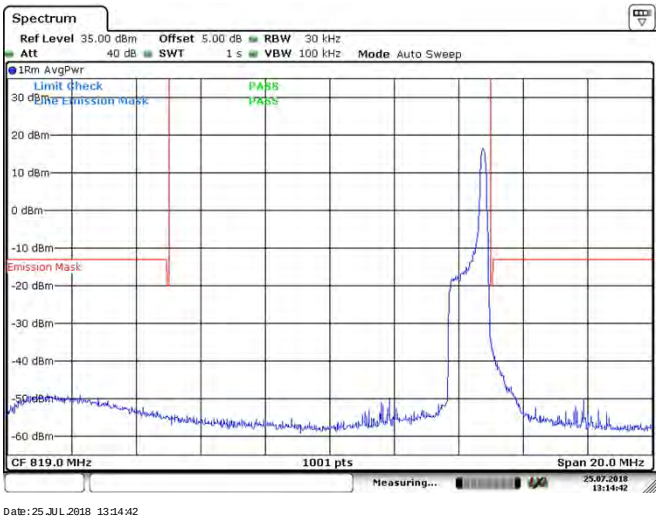

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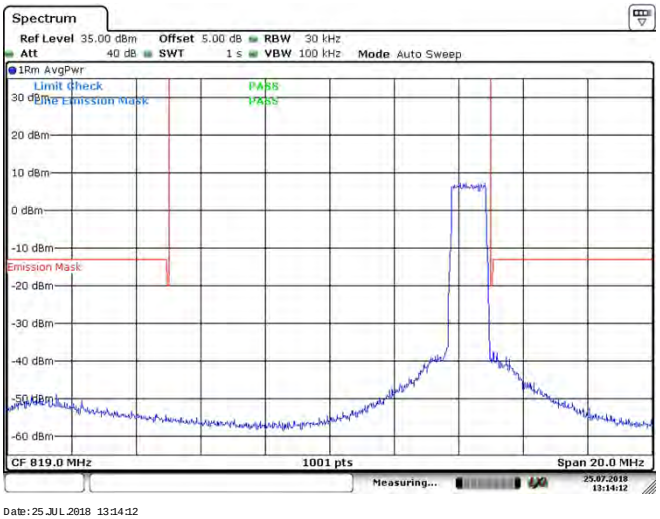

BAND26_1.4MHz_16QAM_26697_1RB#0

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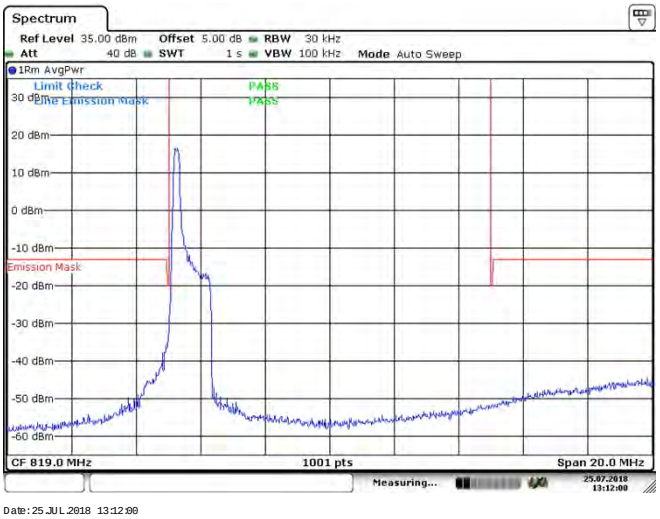

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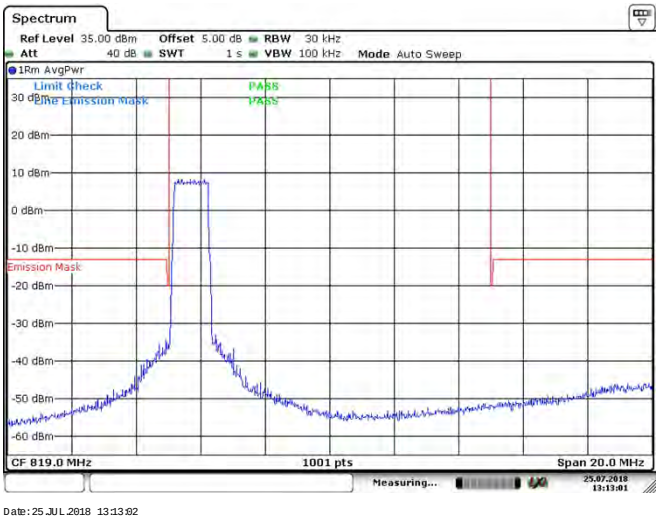

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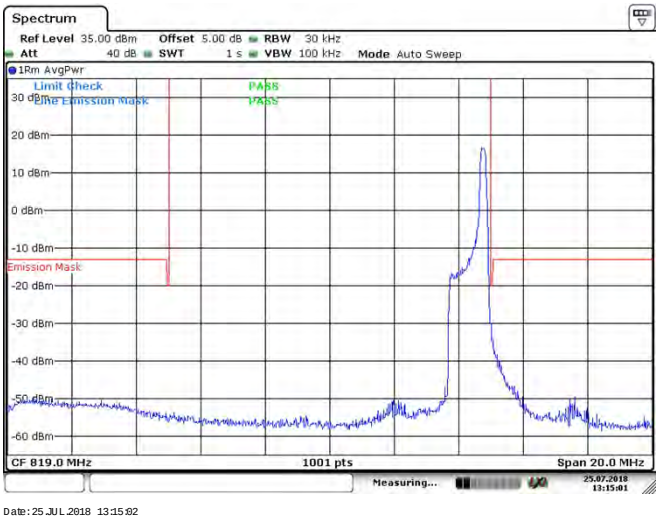

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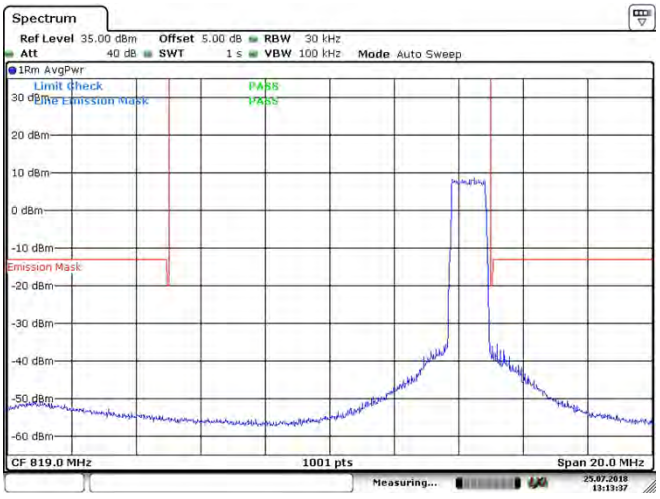

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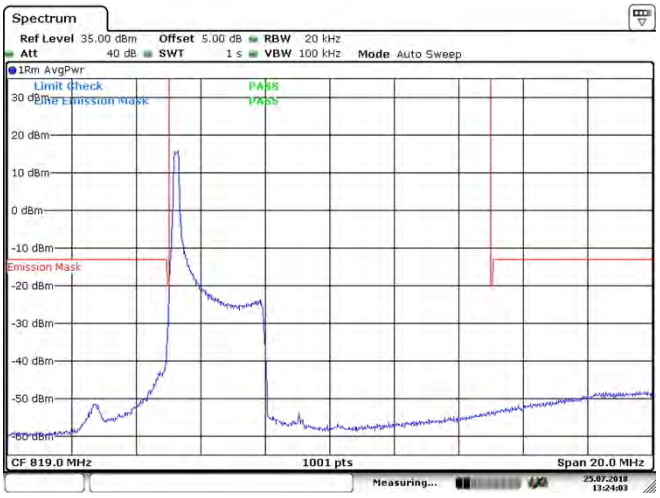

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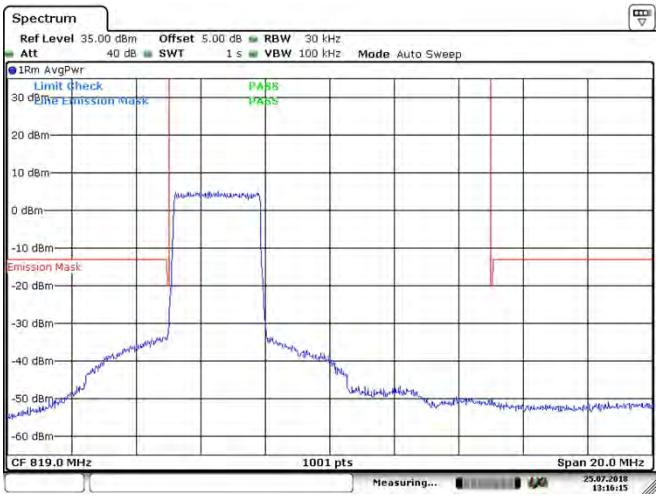

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BAND26_3MHz_QPSK_26775_1RB#14

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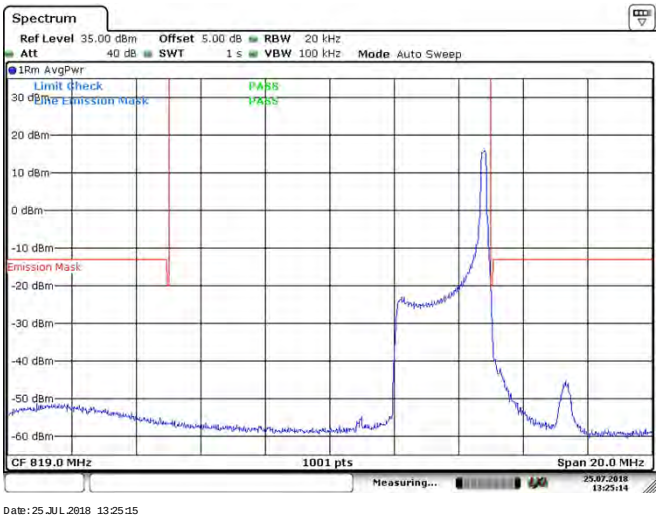

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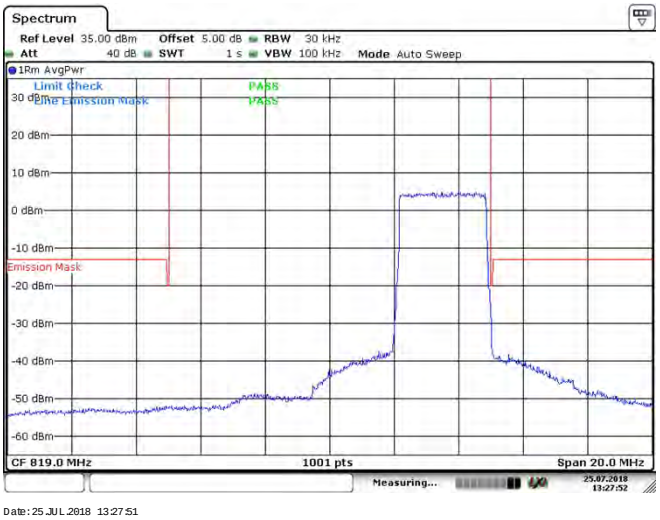
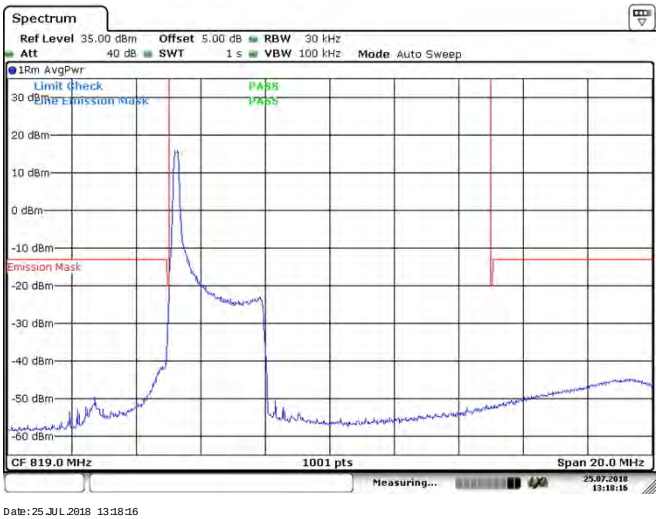


BAND26_3MHz_64QAM_26705_1RB#0



BAND26_3MHz_64QAM_26705_15RB#0

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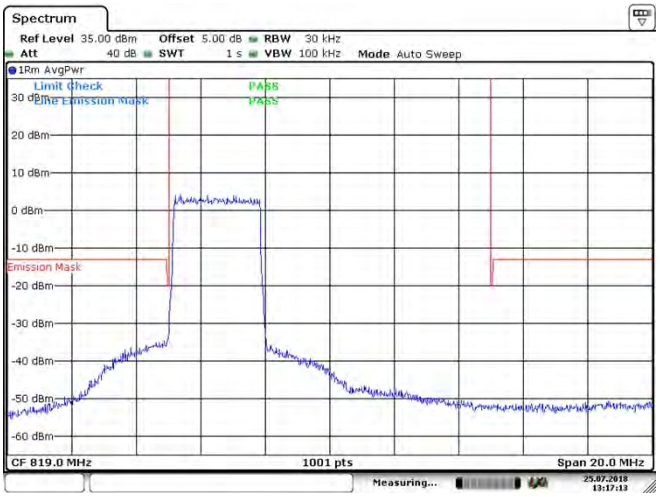

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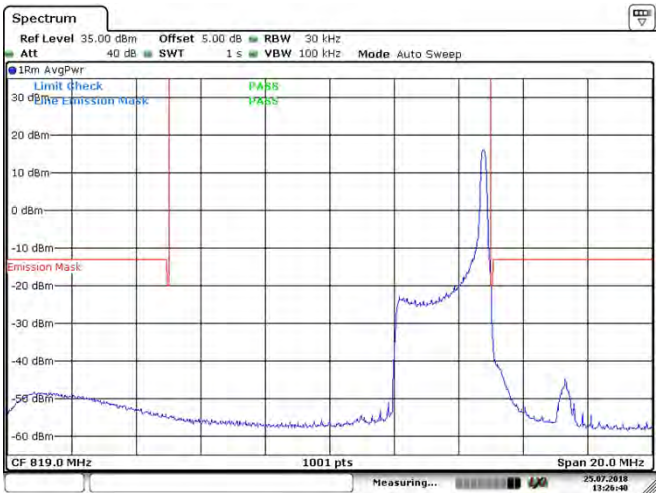

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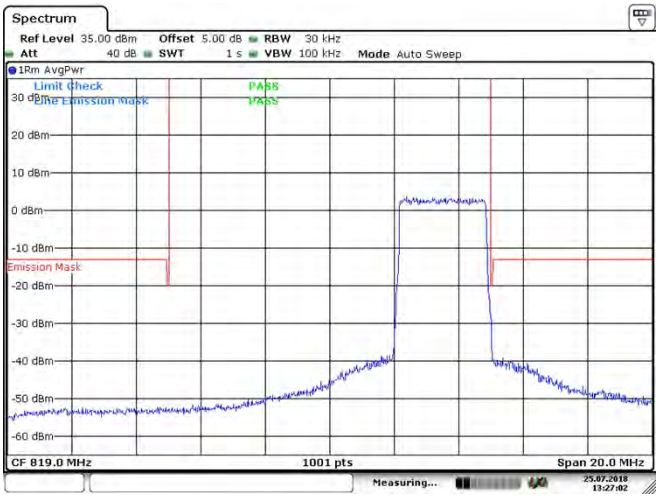

BAND26_3MHz_16QAM_26705_1RB#0

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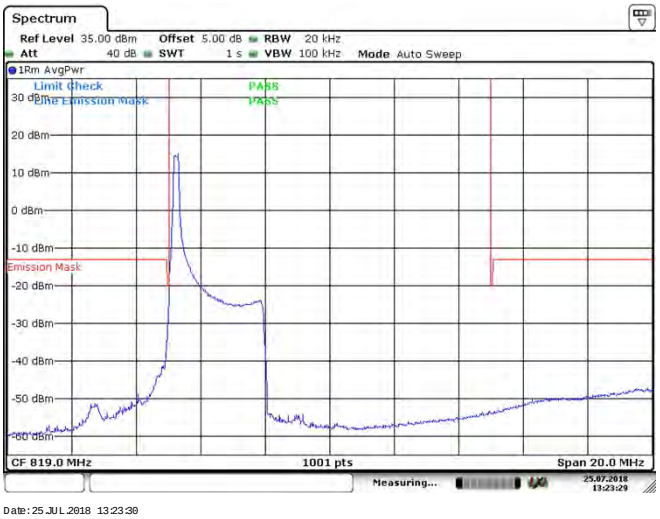

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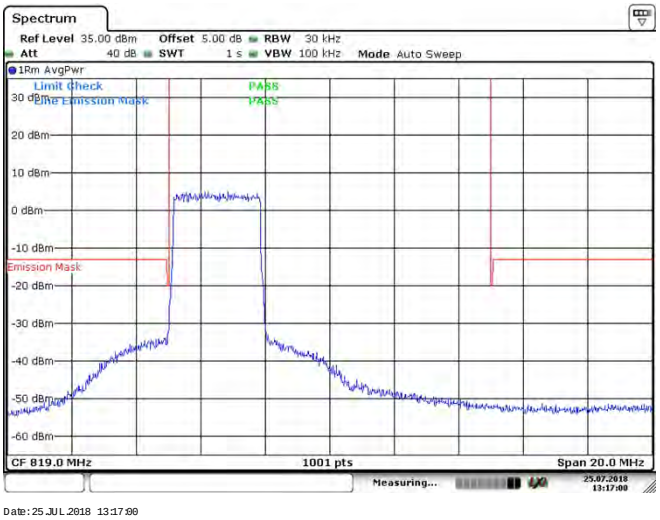

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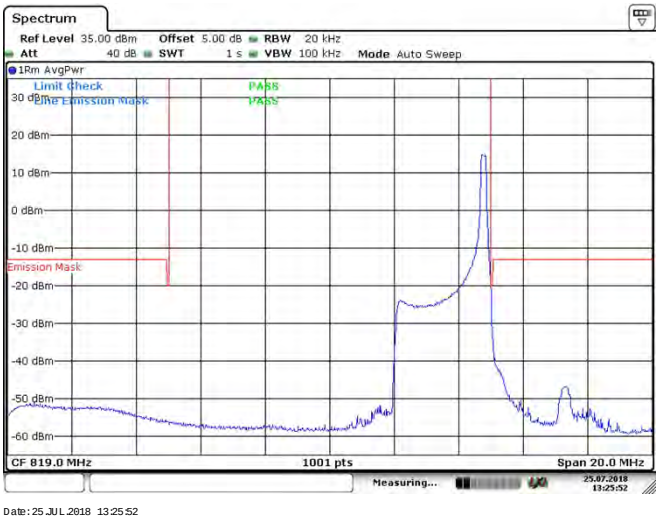

BAND26_3MHz_16QAM_26775_15RB#0

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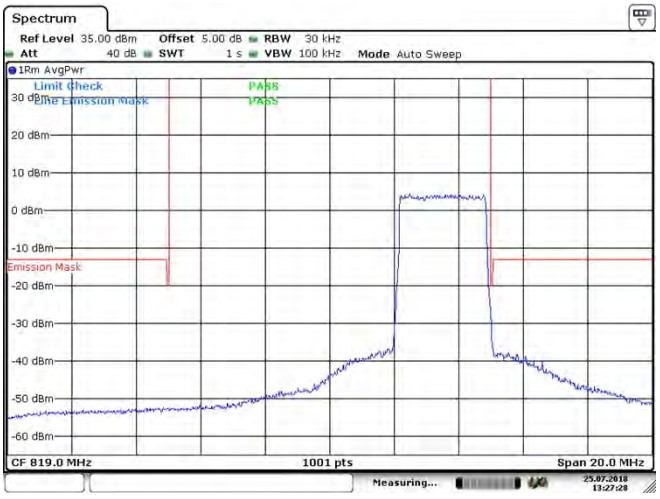

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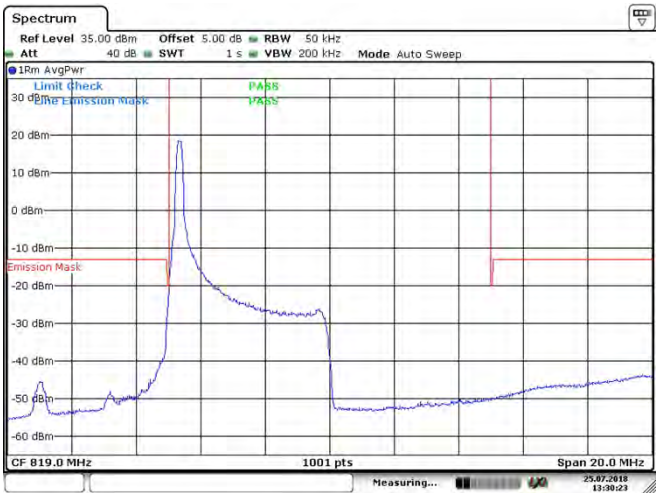
BAND26_5MHz_QPSK_26715_1RB#0



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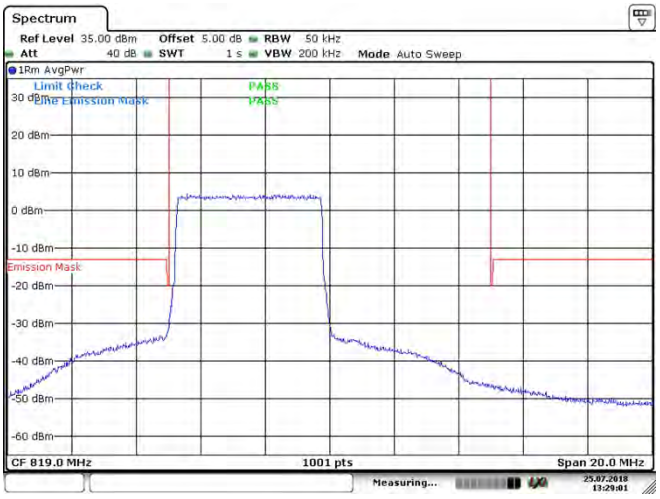

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BAND26_5MHz_QPSK_26765_1RB#24

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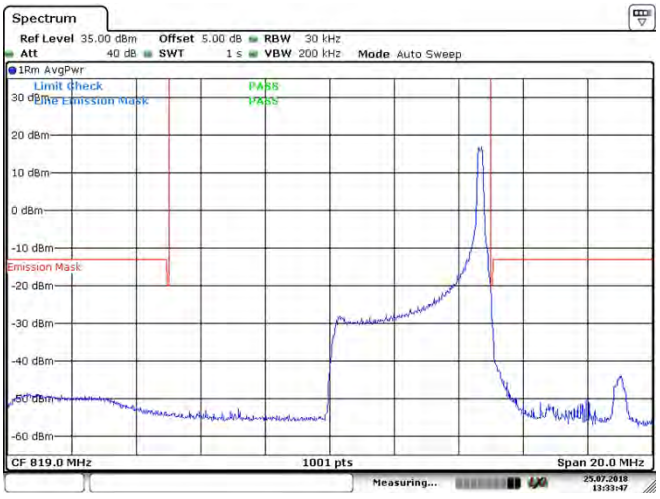

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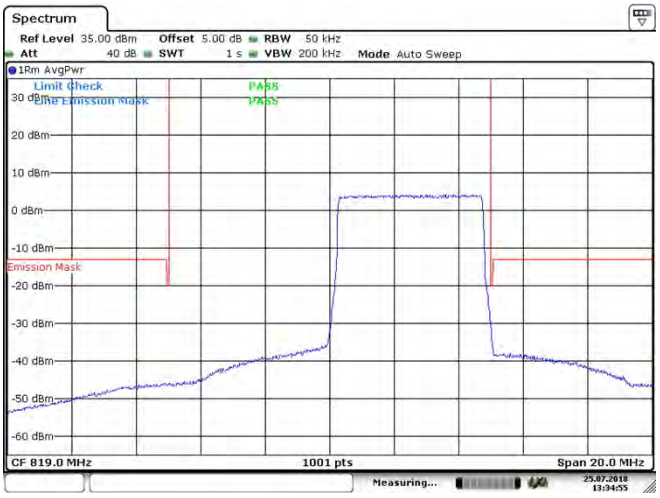

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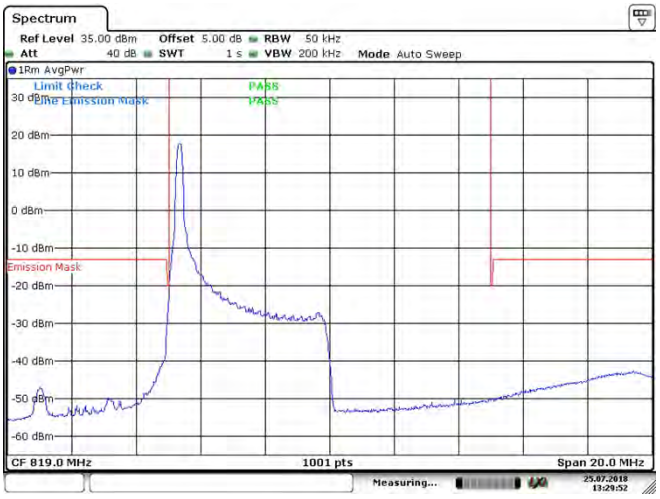

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BAND26_5MHz_64QAM_26715_25RB#0

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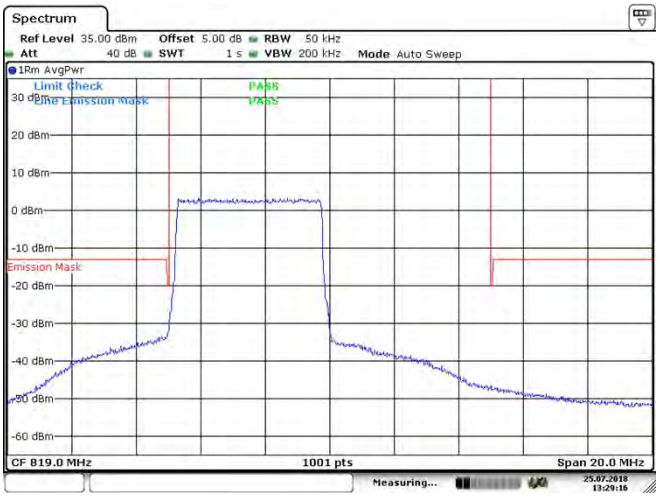

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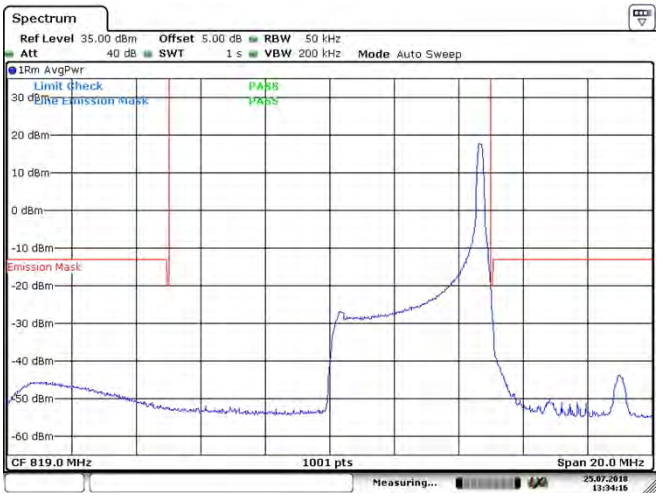

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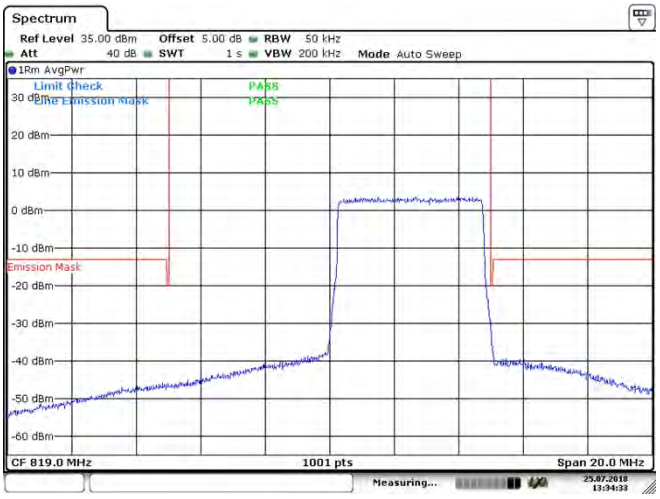

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BAND26_5MHz_16QAM_26715_1RB#0

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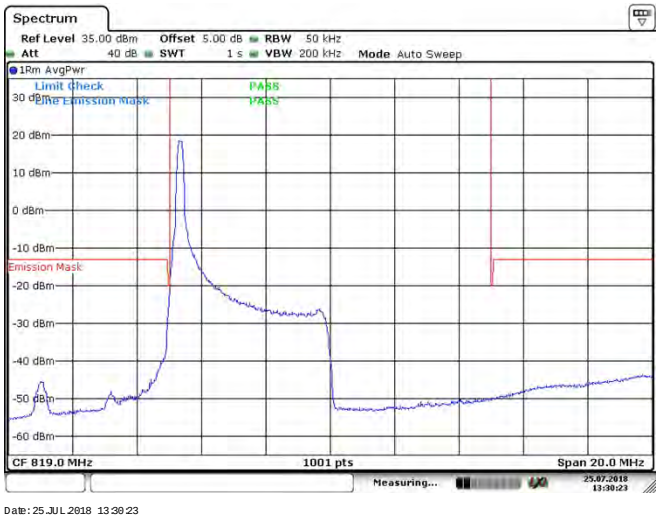

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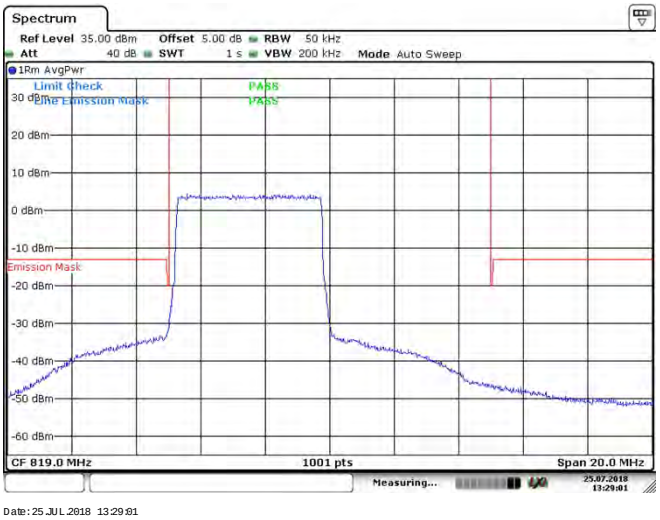

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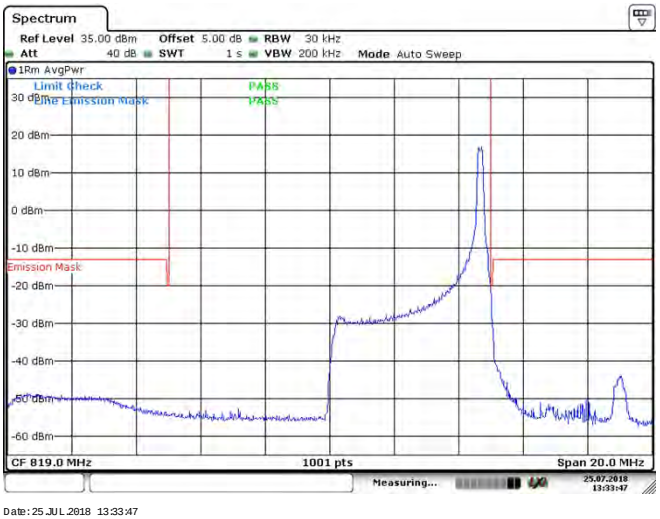

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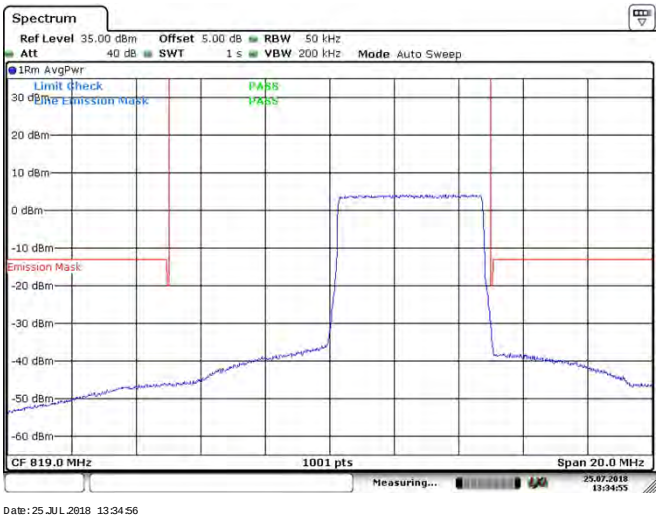

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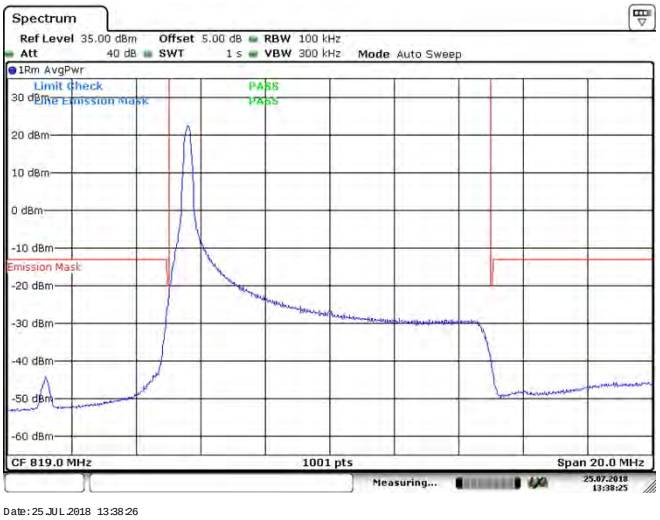

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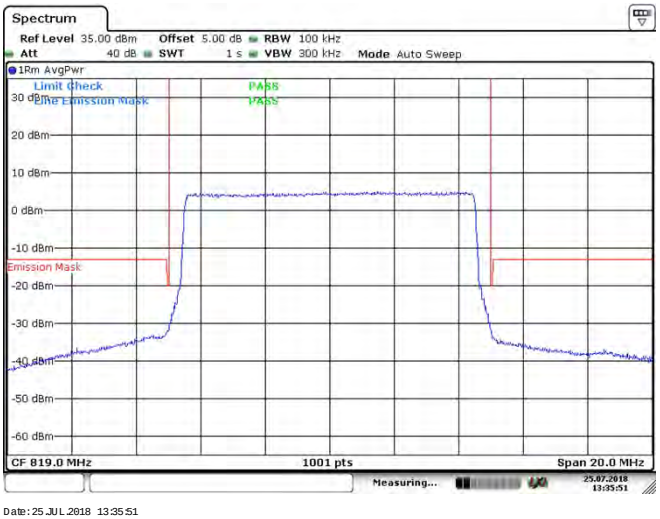

BAND26_10MHz_QPSK_26740_1RB#49

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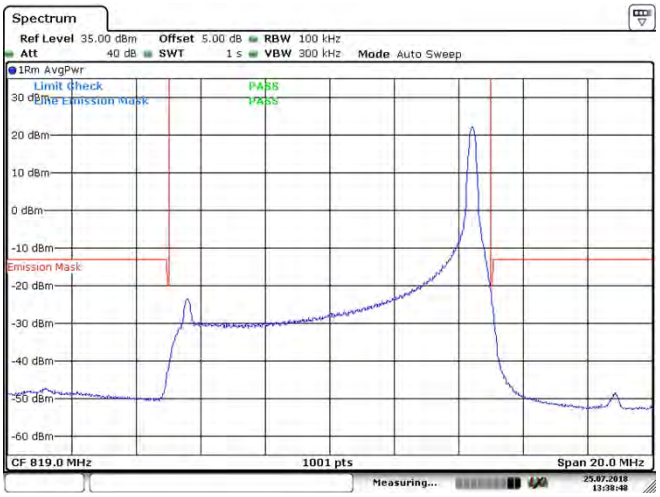

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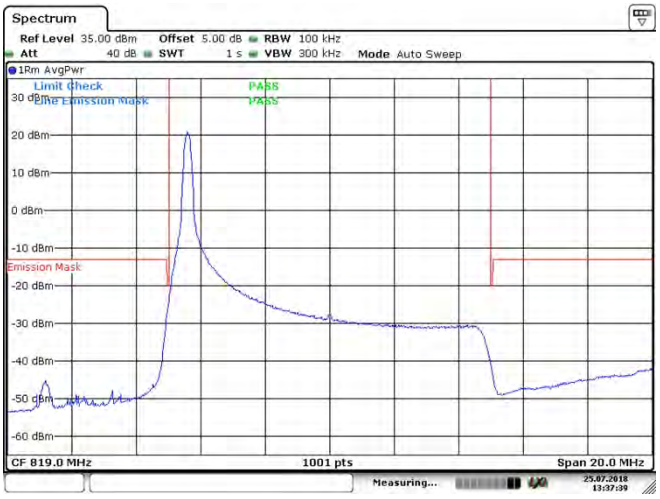

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BAND26_10MHz_64QAM_26740_50RB#0

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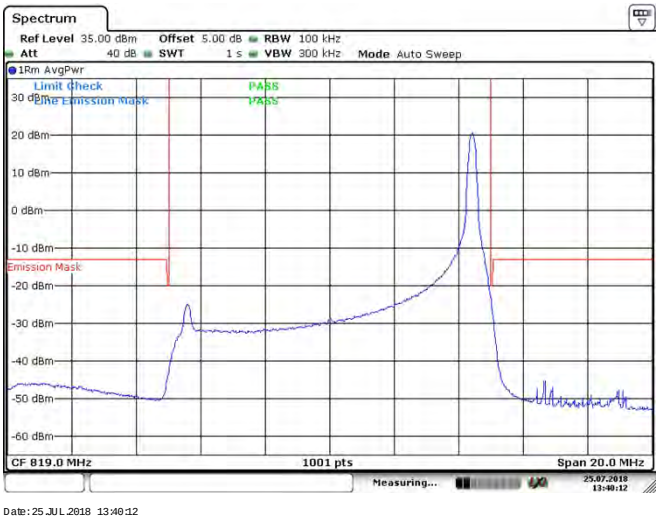
BAND26_10MHz_64QAM_26740_1RB#49



BAND26_10MHz_64QAM_26740_50RB#0

BAND26_10MHz_16QAM_26740_1RB#0

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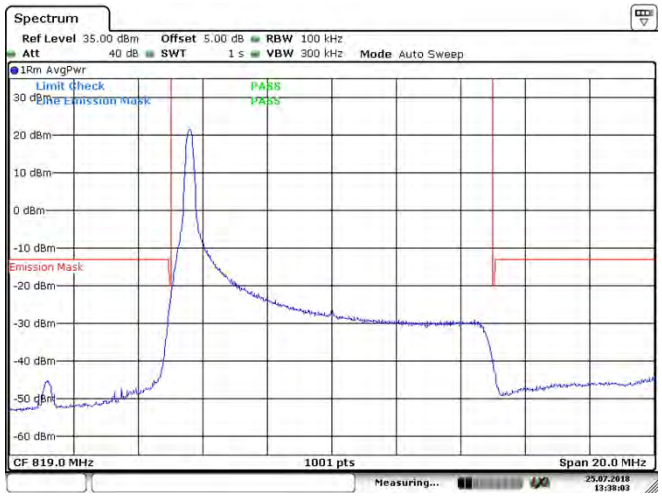
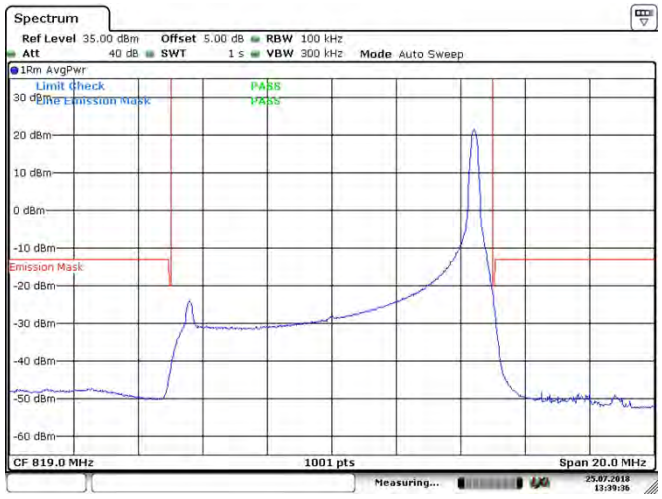


Date: 25.JUL.2018 13:38:03

BAND26_10MHz_16QAM_26740_50RB#0

Date: 25.JUL.2018 13:36:15

BAND26_10MHz_16QAM_26740_1RB#49



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BAND26_10MHz_16QAM_26740_50RB#0

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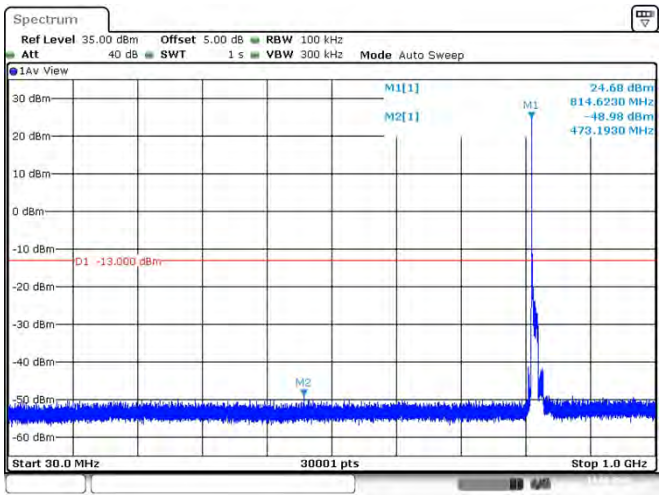
6. Spurious Emission at Antenna Terminal

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

BAND26_10MHz_QPSK_26740_1RB#0



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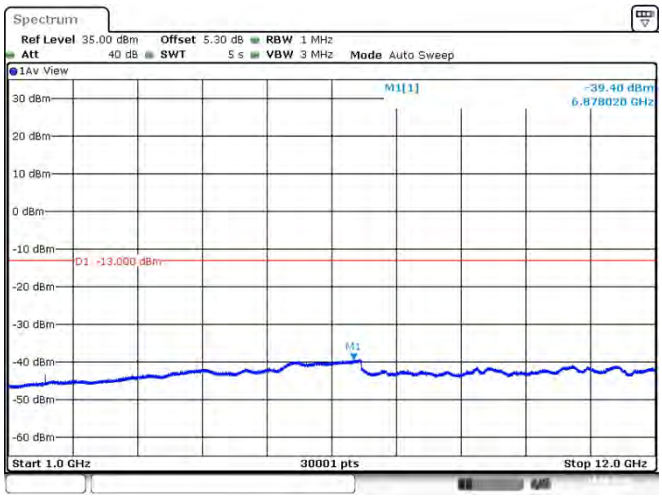

Date: 14.AUG.2018 14:48:54

BAND26_10MHz_64QAM_26740_1RB#0

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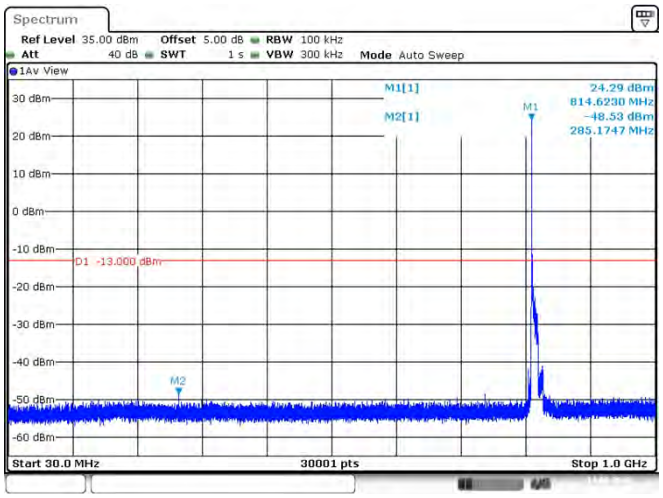

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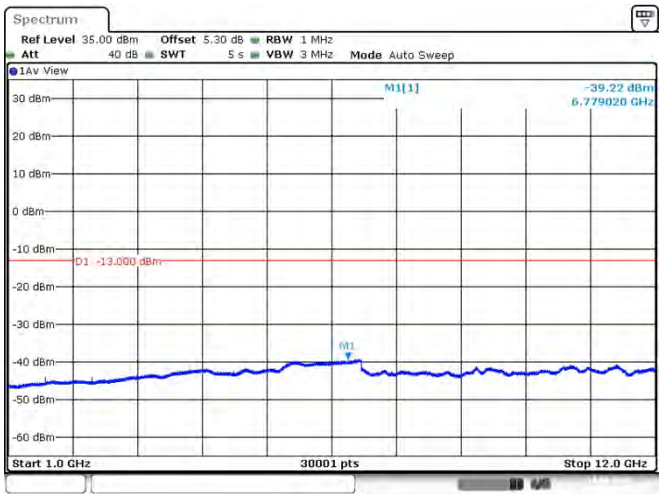

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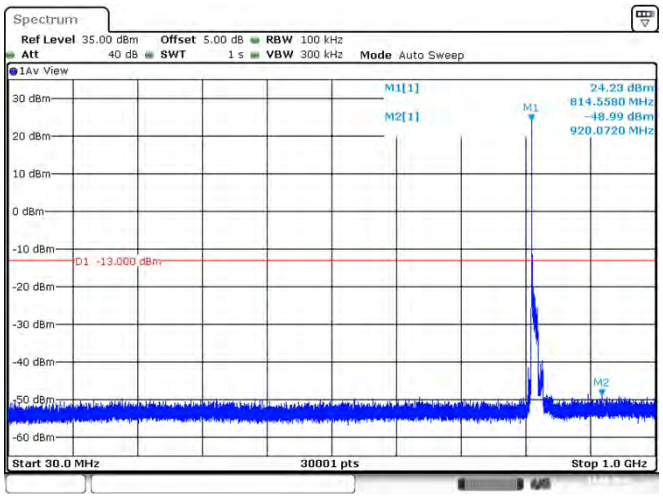

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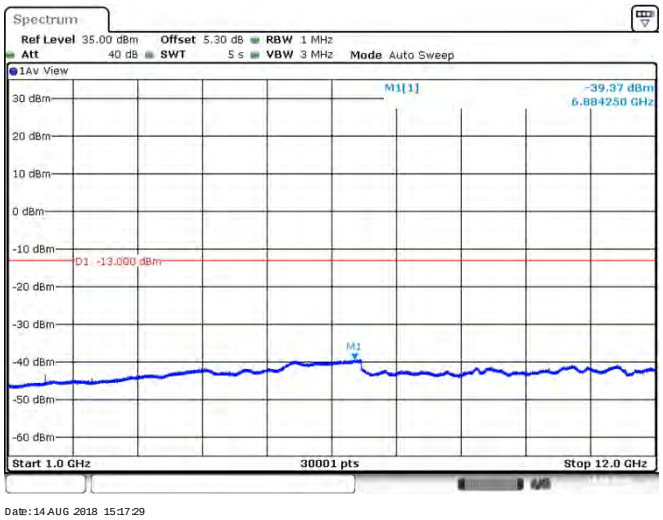

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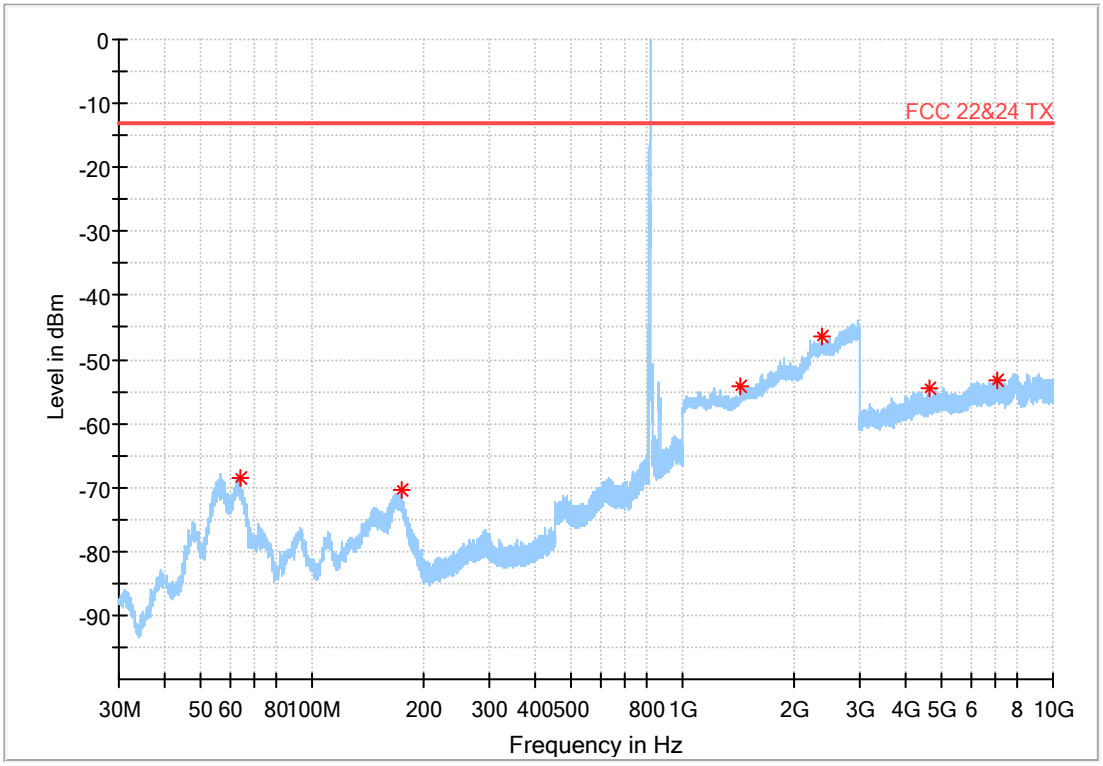
7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE BAND 26-Main Antenna

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

7.1.1.1. Test Channel = MCH_H

Full Spectrum



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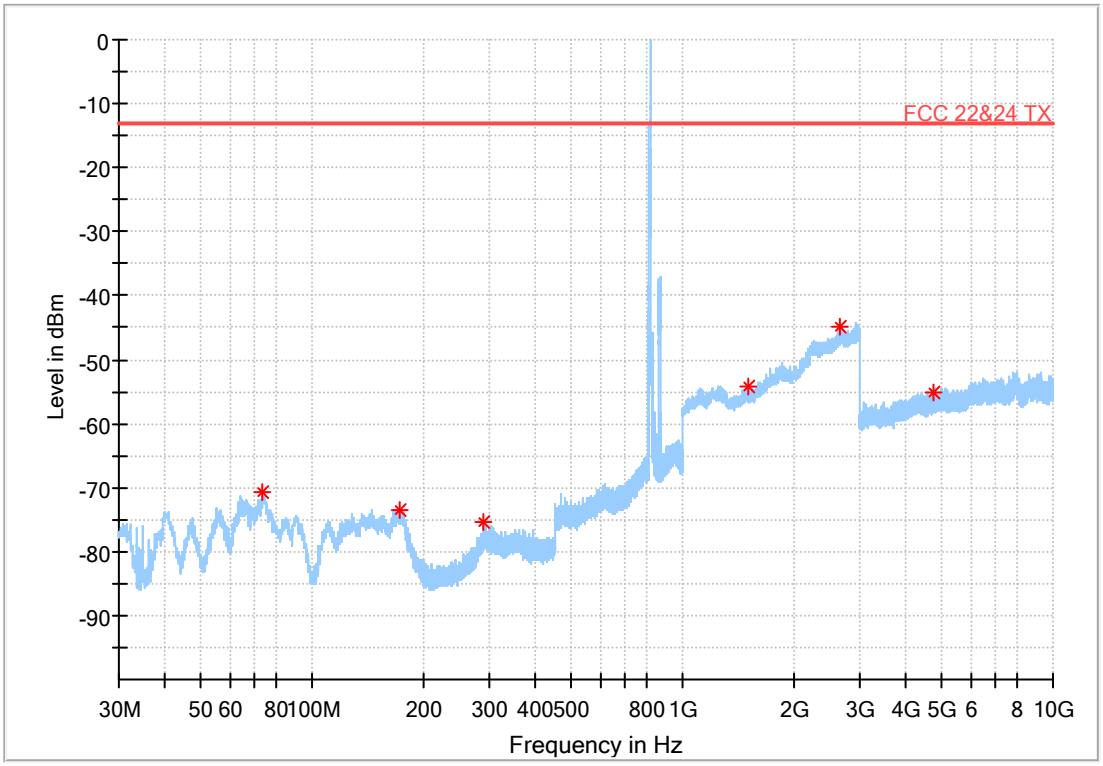
7.1.1.2. Test Channel = MCH_V

Full Spectrum



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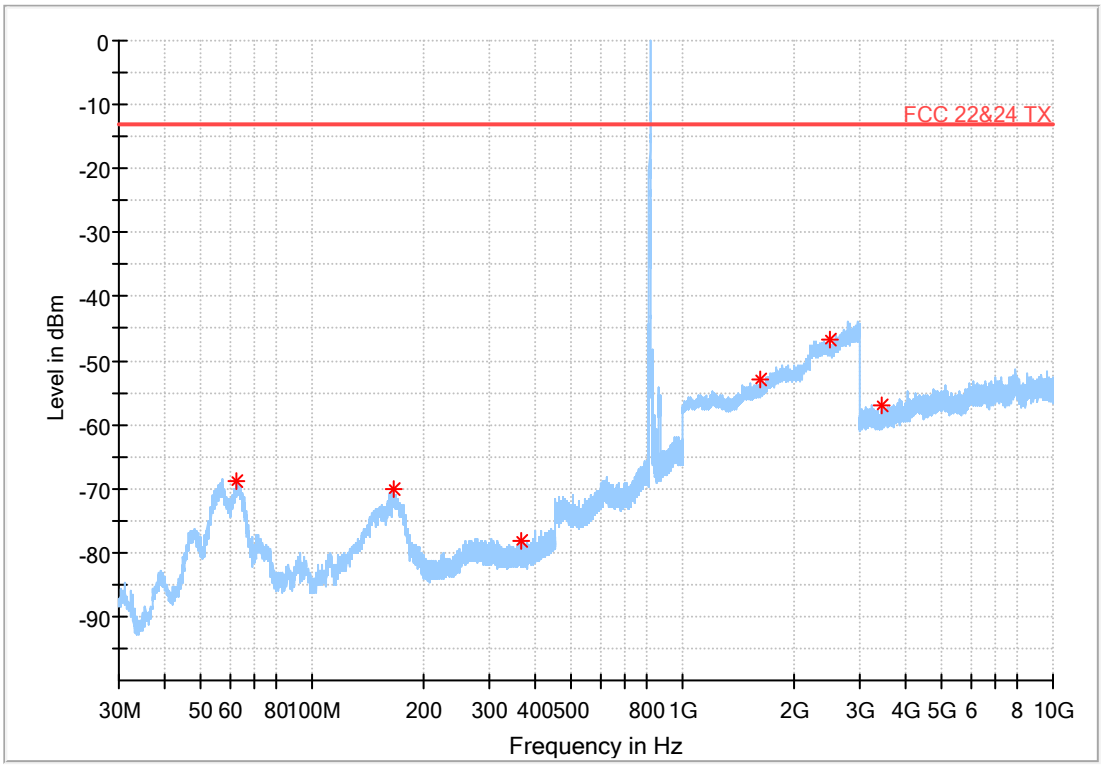
7.2. Test BAND = LTE BAND 26-Second Antenna

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

7.2.1.1. Test Channel = MCH_H

Full Spectrum



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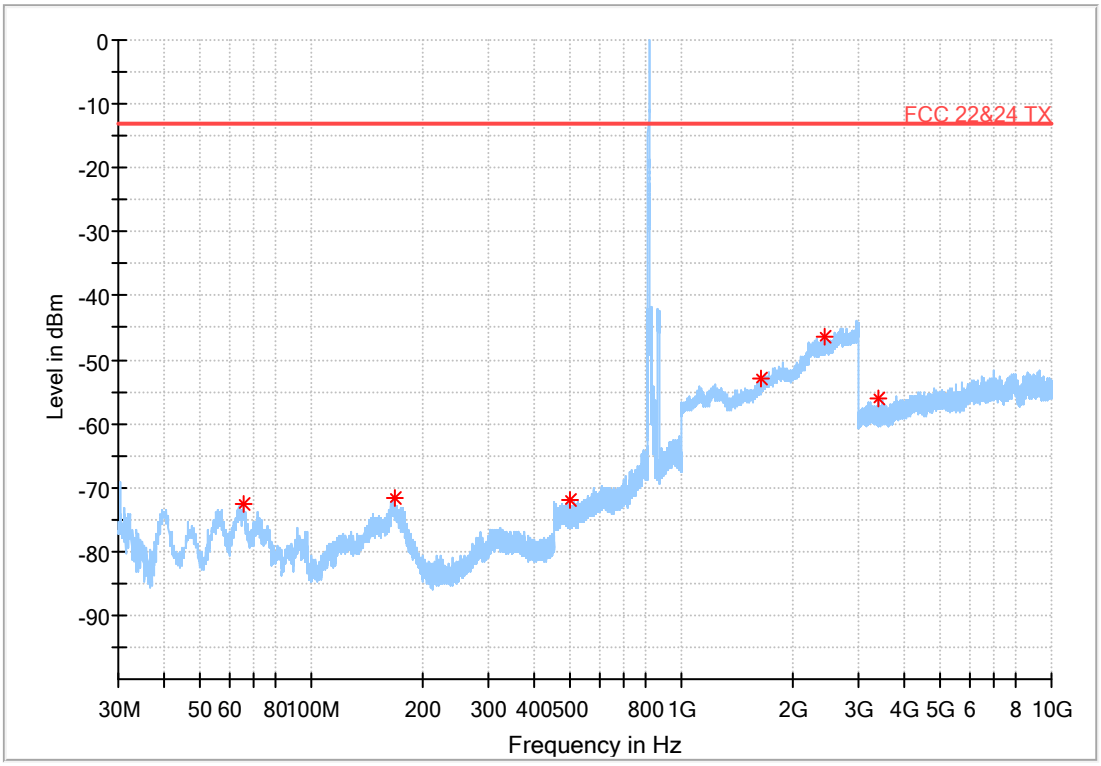
7.2.1.2. Test Channel = MCH_V

Full Spectrum



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 worse case had been displayed.

2) We have tested all modulation and all Bandwidth, but only the worst case data presented in this report.

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8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BAND26	10MHz	QPSK	26740	50RB#0	VL	NT	0.90	0.001099	±2.5	PASS
BAND26	10MHz	QPSK	26740	50RB#0	VN	NT	1.80	0.002198	±2.5	PASS
BAND26	10MHz	QPSK	26740	50RB#0	VH	NT	1.80	0.002198	±2.5	PASS
BAND26	10MHz	64QAM	26740	50RB#0	VL	NT	1.00	0.001221	±2.5	PASS
BAND26	10MHz	64QAM	26740	50RB#0	VN	NT	1.60	0.001954	±2.5	PASS
BAND26	10MHz	64QAM	26740	50RB#0	VH	NT	1.30	0.001587	±2.5	PASS
BAND26	10MHz	16QAM	26740	50RB#0	VL	NT	1.60	0.001954	±2.5	PASS
BAND26	10MHz	16QAM	26740	50RB#0	VN	NT	1.20	0.001465	±2.5	PASS
BAND26	10MHz	16QAM	26740	50RB#0	VH	NT	1.00	0.001221	±2.5	PASS

8.2. Frequency Vs Temperature

Temperature										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BAND26	10MHz	QPSK	26740	50RB#0	NV	-30	0.90	0.001099	±2.5	PASS
BAND26	10MHz	QPSK	26740	50RB#0	NV	-20	1.50	0.001832	±2.5	PASS
BAND26	10MHz	QPSK	26740	50RB#0	NV	0	1.20	0.001465	±2.5	PASS
BAND26	10MHz	QPSK	26740	50RB#0	NV	10	1.20	0.001465	±2.5	PASS
BAND26	10MHz	QPSK	26740	50RB#0	NV	20	1.30	0.001587	±2.5	PASS
BAND26	10MHz	64QAM	26740	50RB#0	NV	-30	0.90	0.001099	±2.5	PASS
BAND26	10MHz	64QAM	26740	50RB#0	NV	-20	1.60	0.001954	±2.5	PASS
BAND26	10MHz	64QAM	26740	50RB#0	NV	0	0.90	0.001099	±2.5	PASS
BAND26	10MHz	64QAM	26740	50RB#0	NV	10	1.10	0.001343	±2.5	PASS
BAND26	10MHz	64QAM	26740	50RB#0	NV	20	1.70	0.002076	±2.5	PASS
BAND26	10MHz	16QAM	26740	50RB#0	NV	-30	1.20	0.001465	±2.5	PASS
BAND26	10MHz	16QAM	26740	50RB#0	NV	-20	1.80	0.002198	±2.5	PASS
BAND26	10MHz	16QAM	26740	50RB#0	NV	0	0.60	0.000733	±2.5	PASS
BAND26	10MHz	16QAM	26740	50RB#0	NV	10	1.20	0.001465	±2.5	PASS
BAND26	10MHz	16QAM	26740	50RB#0	NV	20	0.70	0.000855	±2.5	PASS

The End

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