



# Appendix B

## E-UTRA BAND 2



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## 1. Effective (Isotropic) Radiated Power

### 1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND2	1.4MHz	QPSK	18607	1RB#0	23.43	21.38	33	PASS
BAND2	1.4MHz	QPSK	18607	1RB#2	23.02	20.97	33	PASS
BAND2	1.4MHz	QPSK	18607	1RB#5	23.22	21.17	33	PASS
BAND2	1.4MHz	QPSK	18607	3RB#0	23.24	21.19	33	PASS
BAND2	1.4MHz	QPSK	18607	3RB#1	23.14	21.09	33	PASS
BAND2	1.4MHz	QPSK	18607	3RB#3	23.24	21.19	33	PASS
BAND2	1.4MHz	QPSK	18607	6RB#0	22.33	20.28	33	PASS
BAND2	1.4MHz	QPSK	18900	1RB#0	23.14	21.09	33	PASS
BAND2	1.4MHz	QPSK	18900	1RB#2	22.97	20.92	33	PASS
BAND2	1.4MHz	QPSK	18900	1RB#5	23.14	21.09	33	PASS
BAND2	1.4MHz	QPSK	18900	3RB#0	23.09	21.04	33	PASS
BAND2	1.4MHz	QPSK	18900	3RB#1	22.96	20.91	33	PASS
BAND2	1.4MHz	QPSK	18900	3RB#3	23.03	20.98	33	PASS
BAND2	1.4MHz	QPSK	18900	6RB#0	22.05	20	33	PASS
BAND2	1.4MHz	QPSK	19193	1RB#0	23.07	21.02	33	PASS
BAND2	1.4MHz	QPSK	19193	1RB#2	22.90	20.85	33	PASS
BAND2	1.4MHz	QPSK	19193	1RB#5	23.30	21.25	33	PASS
BAND2	1.4MHz	QPSK	19193	3RB#0	23.10	21.05	33	PASS
BAND2	1.4MHz	QPSK	19193	3RB#1	22.82	20.77	33	PASS
BAND2	1.4MHz	QPSK	19193	3RB#3	23.00	20.95	33	PASS
BAND2	1.4MHz	QPSK	19193	6RB#0	22.03	19.98	33	PASS
BAND2	1.4MHz	64QAM	18607	1RB#0	22.44	20.39	33	PASS
BAND2	1.4MHz	64QAM	18607	1RB#2	21.97	19.92	33	PASS
BAND2	1.4MHz	64QAM	18607	1RB#5	22.24	20.19	33	PASS
BAND2	1.4MHz	64QAM	18607	3RB#0	22.22	20.17	33	PASS
BAND2	1.4MHz	64QAM	18607	3RB#1	22.07	20.02	33	PASS
BAND2	1.4MHz	64QAM	18607	3RB#3	22.14	20.09	33	PASS
BAND2	1.4MHz	64QAM	18607	6RB#0	21.06	19.01	33	PASS
BAND2	1.4MHz	64QAM	18900	1RB#0	21.40	19.35	33	PASS
BAND2	1.4MHz	64QAM	18900	1RB#2	20.93	18.88	33	PASS
BAND2	1.4MHz	64QAM	18900	1RB#5	21.40	19.35	33	PASS
BAND2	1.4MHz	64QAM	18900	3RB#0	21.17	19.12	33	PASS
BAND2	1.4MHz	64QAM	18900	3RB#1	21.11	19.06	33	PASS
BAND2	1.4MHz	64QAM	18900	3RB#3	21.14	19.09	33	PASS



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BAND2	1.4MHz	64QAM	18900	6RB#0	20.08	18.03	33	PASS
BAND2	1.4MHz	64QAM	19193	1RB#0	21.22	19.17	33	PASS
BAND2	1.4MHz	64QAM	19193	1RB#2	20.92	18.87	33	PASS
BAND2	1.4MHz	64QAM	19193	1RB#5	21.20	19.15	33	PASS
BAND2	1.4MHz	64QAM	19193	3RB#0	21.19	19.14	33	PASS
BAND2	1.4MHz	64QAM	19193	3RB#1	21.10	19.05	33	PASS
BAND2	1.4MHz	64QAM	19193	3RB#3	21.11	19.06	33	PASS
BAND2	1.4MHz	64QAM	19193	6RB#0	20.08	18.03	33	PASS
BAND2	1.4MHz	16QAM	18607	1RB#0	22.57	20.52	33	PASS
BAND2	1.4MHz	16QAM	18607	1RB#2	22.14	20.09	33	PASS
BAND2	1.4MHz	16QAM	18607	1RB#5	22.34	20.29	33	PASS
BAND2	1.4MHz	16QAM	18607	3RB#0	22.21	20.16	33	PASS
BAND2	1.4MHz	16QAM	18607	3RB#1	22.12	20.07	33	PASS
BAND2	1.4MHz	16QAM	18607	3RB#3	22.14	20.09	33	PASS
BAND2	1.4MHz	16QAM	18607	6RB#0	21.35	19.3	33	PASS
BAND2	1.4MHz	16QAM	18900	1RB#0	22.36	20.31	33	PASS
BAND2	1.4MHz	16QAM	18900	1RB#2	22.13	20.08	33	PASS
BAND2	1.4MHz	16QAM	18900	1RB#5	22.23	20.18	33	PASS
BAND2	1.4MHz	16QAM	18900	3RB#0	22.15	20.1	33	PASS
BAND2	1.4MHz	16QAM	18900	3RB#1	22.06	20.01	33	PASS
BAND2	1.4MHz	16QAM	18900	3RB#3	21.99	19.94	33	PASS
BAND2	1.4MHz	16QAM	18900	6RB#0	21.06	19.01	33	PASS
BAND2	1.4MHz	16QAM	19193	1RB#0	22.15	20.1	33	PASS
BAND2	1.4MHz	16QAM	19193	1RB#2	21.91	19.86	33	PASS
BAND2	1.4MHz	16QAM	19193	1RB#5	22.47	20.42	33	PASS
BAND2	1.4MHz	16QAM	19193	3RB#0	22.15	20.1	33	PASS
BAND2	1.4MHz	16QAM	19193	3RB#1	22.04	19.99	33	PASS
BAND2	1.4MHz	16QAM	19193	3RB#3	21.98	19.93	33	PASS
BAND2	1.4MHz	16QAM	19193	6RB#0	21.08	19.03	33	PASS
BAND2	3MHz	QPSK	18615	1RB#0	23.34	21.29	33	PASS
BAND2	3MHz	QPSK	18615	1RB#8	23.50	21.45	33	PASS
BAND2	3MHz	QPSK	18615	1RB#14	23.38	21.33	33	PASS
BAND2	3MHz	QPSK	18615	8RB#0	22.22	20.17	33	PASS
BAND2	3MHz	QPSK	18615	8RB#4	22.16	20.11	33	PASS
BAND2	3MHz	QPSK	18615	8RB#7	22.40	20.35	33	PASS
BAND2	3MHz	QPSK	18615	15RB#0	22.31	20.26	33	PASS
BAND2	3MHz	QPSK	18900	1RB#0	23.29	21.24	33	PASS
BAND2	3MHz	QPSK	18900	1RB#8	23.32	21.27	33	PASS
BAND2	3MHz	QPSK	18900	1RB#14	23.23	21.18	33	PASS
BAND2	3MHz	QPSK	18900	8RB#0	22.25	20.2	33	PASS
BAND2	3MHz	QPSK	18900	8RB#4	22.20	20.15	33	PASS

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BAND2	3MHz	QPSK	18900	8RB#7	22.24	20.19	33	PASS
BAND2	3MHz	QPSK	18900	15RB#0	22.17	20.12	33	PASS
BAND2	3MHz	QPSK	19185	1RB#0	23.11	21.06	33	PASS
BAND2	3MHz	QPSK	19185	1RB#8	23.31	21.26	33	PASS
BAND2	3MHz	QPSK	19185	1RB#14	23.20	21.15	33	PASS
BAND2	3MHz	QPSK	19185	8RB#0	22.10	20.05	33	PASS
BAND2	3MHz	QPSK	19185	8RB#4	22.06	20.01	33	PASS
BAND2	3MHz	QPSK	19185	8RB#7	22.07	20.02	33	PASS
BAND2	3MHz	QPSK	19185	15RB#0	22.12	20.07	33	PASS
BAND2	3MHz	64QAM	18615	1RB#0	22.55	20.5	33	PASS
BAND2	3MHz	64QAM	18615	1RB#8	22.54	20.49	33	PASS
BAND2	3MHz	64QAM	18615	1RB#14	22.47	20.42	33	PASS
BAND2	3MHz	64QAM	18615	8RB#0	21.14	19.09	33	PASS
BAND2	3MHz	64QAM	18615	8RB#4	21.22	19.17	33	PASS
BAND2	3MHz	64QAM	18615	8RB#7	21.25	19.2	33	PASS
BAND2	3MHz	64QAM	18615	15RB#0	21.25	19.2	33	PASS
BAND2	3MHz	64QAM	18900	1RB#0	21.45	19.4	33	PASS
BAND2	3MHz	64QAM	18900	1RB#8	21.35	19.3	33	PASS
BAND2	3MHz	64QAM	18900	1RB#14	21.42	19.37	33	PASS
BAND2	3MHz	64QAM	18900	8RB#0	20.10	18.05	33	PASS
BAND2	3MHz	64QAM	18900	8RB#4	20.10	18.05	33	PASS
BAND2	3MHz	64QAM	18900	8RB#7	20.20	18.15	33	PASS
BAND2	3MHz	64QAM	18900	15RB#0	20.17	18.12	33	PASS
BAND2	3MHz	64QAM	19185	1RB#0	21.30	19.25	33	PASS
BAND2	3MHz	64QAM	19185	1RB#8	21.36	19.31	33	PASS
BAND2	3MHz	64QAM	19185	1RB#14	21.33	19.28	33	PASS
BAND2	3MHz	64QAM	19185	8RB#0	20.13	18.08	33	PASS
BAND2	3MHz	64QAM	19185	8RB#4	20.13	18.08	33	PASS
BAND2	3MHz	64QAM	19185	8RB#7	20.09	18.04	33	PASS
BAND2	3MHz	64QAM	19185	15RB#0	20.15	18.1	33	PASS
BAND2	3MHz	16QAM	18615	1RB#0	22.59	20.54	33	PASS
BAND2	3MHz	16QAM	18615	1RB#8	22.56	20.51	33	PASS
BAND2	3MHz	16QAM	18615	1RB#14	22.54	20.49	33	PASS
BAND2	3MHz	16QAM	18615	8RB#0	21.16	19.11	33	PASS
BAND2	3MHz	16QAM	18615	8RB#4	21.17	19.12	33	PASS
BAND2	3MHz	16QAM	18615	8RB#7	21.23	19.18	33	PASS
BAND2	3MHz	16QAM	18615	15RB#0	21.26	19.21	33	PASS
BAND2	3MHz	16QAM	18900	1RB#0	22.45	20.4	33	PASS
BAND2	3MHz	16QAM	18900	1RB#8	22.39	20.34	33	PASS
BAND2	3MHz	16QAM	18900	1RB#14	22.46	20.41	33	PASS
BAND2	3MHz	16QAM	18900	8RB#0	21.08	19.03	33	PASS

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BAND2	3MHz	16QAM	18900	8RB#4	21.07	19.02	33	PASS
BAND2	3MHz	16QAM	18900	8RB#7	21.15	19.1	33	PASS
BAND2	3MHz	16QAM	18900	15RB#0	21.10	19.05	33	PASS
BAND2	3MHz	16QAM	19185	1RB#0	22.21	20.16	33	PASS
BAND2	3MHz	16QAM	19185	1RB#8	22.22	20.17	33	PASS
BAND2	3MHz	16QAM	19185	1RB#14	22.40	20.35	33	PASS
BAND2	3MHz	16QAM	19185	8RB#0	21.07	19.02	33	PASS
BAND2	3MHz	16QAM	19185	8RB#4	21.03	18.98	33	PASS
BAND2	3MHz	16QAM	19185	8RB#7	21.10	19.05	33	PASS
BAND2	3MHz	16QAM	19185	15RB#0	21.07	19.02	33	PASS
BAND2	5MHz	QPSK	18625	1RB#0	23.41	21.36	33	PASS
BAND2	5MHz	QPSK	18625	1RB#12	22.70	20.65	33	PASS
BAND2	5MHz	QPSK	18625	1RB#24	23.37	21.32	33	PASS
BAND2	5MHz	QPSK	18625	12RB#0	22.55	20.5	33	PASS
BAND2	5MHz	QPSK	18625	12RB#6	22.24	20.19	33	PASS
BAND2	5MHz	QPSK	18625	12RB#13	22.47	20.42	33	PASS
BAND2	5MHz	QPSK	18625	25RB#0	22.47	20.42	33	PASS
BAND2	5MHz	QPSK	18900	1RB#0	23.34	21.29	33	PASS
BAND2	5MHz	QPSK	18900	1RB#12	22.58	20.53	33	PASS
BAND2	5MHz	QPSK	18900	1RB#24	23.28	21.23	33	PASS
BAND2	5MHz	QPSK	18900	12RB#0	22.36	20.31	33	PASS
BAND2	5MHz	QPSK	18900	12RB#6	22.31	20.26	33	PASS
BAND2	5MHz	QPSK	18900	12RB#13	22.39	20.34	33	PASS
BAND2	5MHz	QPSK	18900	25RB#0	22.25	20.2	33	PASS
BAND2	5MHz	QPSK	19175	1RB#0	23.20	21.15	33	PASS
BAND2	5MHz	QPSK	19175	1RB#12	22.55	20.5	33	PASS
BAND2	5MHz	QPSK	19175	1RB#24	23.23	21.18	33	PASS
BAND2	5MHz	QPSK	19175	12RB#0	22.18	20.13	33	PASS
BAND2	5MHz	QPSK	19175	12RB#6	22.13	20.08	33	PASS
BAND2	5MHz	QPSK	19175	12RB#13	22.29	20.24	33	PASS
BAND2	5MHz	QPSK	19175	25RB#0	22.26	20.21	33	PASS
BAND2	5MHz	64QAM	18625	1RB#0	22.57	20.52	33	PASS
BAND2	5MHz	64QAM	18625	1RB#12	21.72	19.67	33	PASS
BAND2	5MHz	64QAM	18625	1RB#24	22.37	20.32	33	PASS
BAND2	5MHz	64QAM	18625	12RB#0	21.52	19.47	33	PASS
BAND2	5MHz	64QAM	18625	12RB#6	21.23	19.18	33	PASS
BAND2	5MHz	64QAM	18625	12RB#13	21.41	19.36	33	PASS
BAND2	5MHz	64QAM	18625	25RB#0	21.37	19.32	33	PASS
BAND2	5MHz	64QAM	18900	1RB#0	21.45	19.4	33	PASS
BAND2	5MHz	64QAM	18900	1RB#12	20.66	18.61	33	PASS
BAND2	5MHz	64QAM	18900	1RB#24	21.40	19.35	33	PASS

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BAND2	5MHz	64QAM	18900	12RB#0	20.36	18.31	33	PASS
BAND2	5MHz	64QAM	18900	12RB#6	20.17	18.12	33	PASS
BAND2	5MHz	64QAM	18900	12RB#13	20.38	18.33	33	PASS
BAND2	5MHz	64QAM	18900	25RB#0	20.28	18.23	33	PASS
BAND2	5MHz	64QAM	19175	1RB#0	21.21	19.16	33	PASS
BAND2	5MHz	64QAM	19175	1RB#12	20.58	18.53	33	PASS
BAND2	5MHz	64QAM	19175	1RB#24	21.19	19.14	33	PASS
BAND2	5MHz	64QAM	19175	12RB#0	20.17	18.12	33	PASS
BAND2	5MHz	64QAM	19175	12RB#6	20.15	18.1	33	PASS
BAND2	5MHz	64QAM	19175	12RB#13	20.17	18.12	33	PASS
BAND2	5MHz	64QAM	19175	25RB#0	20.07	18.02	33	PASS
BAND2	5MHz	16QAM	18625	1RB#0	22.49	20.44	33	PASS
BAND2	5MHz	16QAM	18625	1RB#12	21.97	19.92	33	PASS
BAND2	5MHz	16QAM	18625	1RB#24	22.58	20.53	33	PASS
BAND2	5MHz	16QAM	18625	12RB#0	21.55	19.5	33	PASS
BAND2	5MHz	16QAM	18625	12RB#6	21.24	19.19	33	PASS
BAND2	5MHz	16QAM	18625	12RB#13	21.43	19.38	33	PASS
BAND2	5MHz	16QAM	18625	25RB#0	21.41	19.36	33	PASS
BAND2	5MHz	16QAM	18900	1RB#0	22.44	20.39	33	PASS
BAND2	5MHz	16QAM	18900	1RB#12	21.84	19.79	33	PASS
BAND2	5MHz	16QAM	18900	1RB#24	22.31	20.26	33	PASS
BAND2	5MHz	16QAM	18900	12RB#0	21.30	19.25	33	PASS
BAND2	5MHz	16QAM	18900	12RB#6	21.14	19.09	33	PASS
BAND2	5MHz	16QAM	18900	12RB#13	21.31	19.26	33	PASS
BAND2	5MHz	16QAM	18900	25RB#0	21.21	19.16	33	PASS
BAND2	5MHz	16QAM	19175	1RB#0	22.23	20.18	33	PASS
BAND2	5MHz	16QAM	19175	1RB#12	21.80	19.75	33	PASS
BAND2	5MHz	16QAM	19175	1RB#24	22.34	20.29	33	PASS
BAND2	5MHz	16QAM	19175	12RB#0	21.08	19.03	33	PASS
BAND2	5MHz	16QAM	19175	12RB#6	21.09	19.04	33	PASS
BAND2	5MHz	16QAM	19175	12RB#13	21.09	19.04	33	PASS
BAND2	5MHz	16QAM	19175	25RB#0	21.05	19	33	PASS
BAND2	10MHz	QPSK	18650	1RB#0	23.43	21.38	33	PASS
BAND2	10MHz	QPSK	18650	1RB#24	23.27	21.22	33	PASS
BAND2	10MHz	QPSK	18650	1RB#49	23.32	21.27	33	PASS
BAND2	10MHz	QPSK	18650	25RB#0	22.51	20.46	33	PASS
BAND2	10MHz	QPSK	18650	25RB#12	22.45	20.4	33	PASS
BAND2	10MHz	QPSK	18650	25RB#25	22.44	20.39	33	PASS
BAND2	10MHz	QPSK	18650	50RB#0	22.47	20.42	33	PASS
BAND2	10MHz	QPSK	18900	1RB#0	23.41	21.36	33	PASS
BAND2	10MHz	QPSK	18900	1RB#24	23.14	21.09	33	PASS

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BAND2	10MHz	QPSK	18900	1RB#49	23.30	21.25	33	PASS
BAND2	10MHz	QPSK	18900	25RB#0	22.41	20.36	33	PASS
BAND2	10MHz	QPSK	18900	25RB#12	22.20	20.15	33	PASS
BAND2	10MHz	QPSK	18900	25RB#25	22.15	20.1	33	PASS
BAND2	10MHz	QPSK	18900	50RB#0	22.14	20.09	33	PASS
BAND2	10MHz	QPSK	19150	1RB#0	23.23	21.18	33	PASS
BAND2	10MHz	QPSK	19150	1RB#24	22.84	20.79	33	PASS
BAND2	10MHz	QPSK	19150	1RB#49	23.13	21.08	33	PASS
BAND2	10MHz	QPSK	19150	25RB#0	22.25	20.2	33	PASS
BAND2	10MHz	QPSK	19150	25RB#12	22.18	20.13	33	PASS
BAND2	10MHz	QPSK	19150	25RB#25	22.14	20.09	33	PASS
BAND2	10MHz	QPSK	19150	50RB#0	22.18	20.13	33	PASS
BAND2	10MHz	64QAM	18650	1RB#0	22.48	20.43	33	PASS
BAND2	10MHz	64QAM	18650	1RB#24	22.15	20.1	33	PASS
BAND2	10MHz	64QAM	18650	1RB#49	22.37	20.32	33	PASS
BAND2	10MHz	64QAM	18650	25RB#0	21.46	19.41	33	PASS
BAND2	10MHz	64QAM	18650	25RB#12	21.37	19.32	33	PASS
BAND2	10MHz	64QAM	18650	25RB#25	21.40	19.35	33	PASS
BAND2	10MHz	64QAM	18650	50RB#0	21.38	19.33	33	PASS
BAND2	10MHz	64QAM	18900	1RB#0	21.53	19.48	33	PASS
BAND2	10MHz	64QAM	18900	1RB#24	20.94	18.89	33	PASS
BAND2	10MHz	64QAM	18900	1RB#49	21.38	19.33	33	PASS
BAND2	10MHz	64QAM	18900	25RB#0	20.21	18.16	33	PASS
BAND2	10MHz	64QAM	18900	25RB#12	20.17	18.12	33	PASS
BAND2	10MHz	64QAM	18900	25RB#25	20.16	18.11	33	PASS
BAND2	10MHz	64QAM	18900	50RB#0	20.13	18.08	33	PASS
BAND2	10MHz	64QAM	19150	1RB#0	21.31	19.26	33	PASS
BAND2	10MHz	64QAM	19150	1RB#24	21.17	19.12	33	PASS
BAND2	10MHz	64QAM	19150	1RB#49	21.24	19.19	33	PASS
BAND2	10MHz	64QAM	19150	25RB#0	20.19	18.14	33	PASS
BAND2	10MHz	64QAM	19150	25RB#12	20.13	18.08	33	PASS
BAND2	10MHz	64QAM	19150	25RB#25	20.23	18.18	33	PASS
BAND2	10MHz	64QAM	19150	50RB#0	20.18	18.13	33	PASS
BAND2	10MHz	16QAM	18650	1RB#0	22.64	20.59	33	PASS
BAND2	10MHz	16QAM	18650	1RB#24	22.17	20.12	33	PASS
BAND2	10MHz	16QAM	18650	1RB#49	22.39	20.34	33	PASS
BAND2	10MHz	16QAM	18650	25RB#0	21.49	19.44	33	PASS
BAND2	10MHz	16QAM	18650	25RB#12	21.37	19.32	33	PASS
BAND2	10MHz	16QAM	18650	25RB#25	21.41	19.36	33	PASS
BAND2	10MHz	16QAM	18650	50RB#0	21.39	19.34	33	PASS
BAND2	10MHz	16QAM	18900	1RB#0	22.60	20.55	33	PASS

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BAND2	10MHz	16QAM	18900	1RB#24	22.22	20.17	33	PASS
BAND2	10MHz	16QAM	18900	1RB#49	22.44	20.39	33	PASS
BAND2	10MHz	16QAM	18900	25RB#0	21.30	19.25	33	PASS
BAND2	10MHz	16QAM	18900	25RB#12	21.12	19.07	33	PASS
BAND2	10MHz	16QAM	18900	25RB#25	21.11	19.06	33	PASS
BAND2	10MHz	16QAM	18900	50RB#0	21.11	19.06	33	PASS
BAND2	10MHz	16QAM	19150	1RB#0	22.34	20.29	33	PASS
BAND2	10MHz	16QAM	19150	1RB#24	22.01	19.96	33	PASS
BAND2	10MHz	16QAM	19150	1RB#49	22.34	20.29	33	PASS
BAND2	10MHz	16QAM	19150	25RB#0	21.12	19.07	33	PASS
BAND2	10MHz	16QAM	19150	25RB#12	21.08	19.03	33	PASS
BAND2	10MHz	16QAM	19150	25RB#25	21.13	19.08	33	PASS
BAND2	10MHz	16QAM	19150	50RB#0	21.10	19.05	33	PASS
BAND2	15MHz	QPSK	18675	1RB#0	23.36	21.31	33	PASS
BAND2	15MHz	QPSK	18675	1RB#38	23.35	21.3	33	PASS
BAND2	15MHz	QPSK	18675	1RB#74	23.31	21.26	33	PASS
BAND2	15MHz	QPSK	18675	36RB#0	22.62	20.57	33	PASS
BAND2	15MHz	QPSK	18675	36RB#18	22.34	20.29	33	PASS
BAND2	15MHz	QPSK	18675	36RB#39	22.32	20.27	33	PASS
BAND2	15MHz	QPSK	18675	75RB#0	22.32	20.27	33	PASS
BAND2	15MHz	QPSK	18900	1RB#0	23.47	21.42	33	PASS
BAND2	15MHz	QPSK	18900	1RB#38	23.38	21.33	33	PASS
BAND2	15MHz	QPSK	18900	1RB#74	23.27	21.22	33	PASS
BAND2	15MHz	QPSK	18900	36RB#0	22.35	20.3	33	PASS
BAND2	15MHz	QPSK	18900	36RB#18	22.32	20.27	33	PASS
BAND2	15MHz	QPSK	18900	36RB#39	22.37	20.32	33	PASS
BAND2	15MHz	QPSK	18900	75RB#0	22.23	20.18	33	PASS
BAND2	15MHz	QPSK	19125	1RB#0	23.25	21.2	33	PASS
BAND2	15MHz	QPSK	19125	1RB#38	23.23	21.18	33	PASS
BAND2	15MHz	QPSK	19125	1RB#74	23.33	21.28	33	PASS
BAND2	15MHz	QPSK	19125	36RB#0	22.29	20.24	33	PASS
BAND2	15MHz	QPSK	19125	36RB#18	22.33	20.28	33	PASS
BAND2	15MHz	QPSK	19125	36RB#39	22.35	20.3	33	PASS
BAND2	15MHz	QPSK	19125	75RB#0	22.36	20.31	33	PASS
BAND2	15MHz	64QAM	18675	1RB#0	22.52	20.47	33	PASS
BAND2	15MHz	64QAM	18675	1RB#38	22.39	20.34	33	PASS
BAND2	15MHz	64QAM	18675	1RB#74	22.34	20.29	33	PASS
BAND2	15MHz	64QAM	18675	36RB#0	21.39	19.34	33	PASS
BAND2	15MHz	64QAM	18675	36RB#18	21.29	19.24	33	PASS
BAND2	15MHz	64QAM	18675	36RB#39	21.28	19.23	33	PASS
BAND2	15MHz	64QAM	18675	75RB#0	21.28	19.23	33	PASS

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BAND2	15MHz	64QAM	18900	1RB#0	21.55	19.5	33	PASS
BAND2	15MHz	64QAM	18900	1RB#38	21.53	19.48	33	PASS
BAND2	15MHz	64QAM	18900	1RB#74	21.36	19.31	33	PASS
BAND2	15MHz	64QAM	18900	36RB#0	20.37	18.32	33	PASS
BAND2	15MHz	64QAM	18900	36RB#18	20.30	18.25	33	PASS
BAND2	15MHz	64QAM	18900	36RB#39	20.32	18.27	33	PASS
BAND2	15MHz	64QAM	18900	75RB#0	20.28	18.23	33	PASS
BAND2	15MHz	64QAM	19125	1RB#0	21.54	19.49	33	PASS
BAND2	15MHz	64QAM	19125	1RB#38	21.54	19.49	33	PASS
BAND2	15MHz	64QAM	19125	1RB#74	21.31	19.26	33	PASS
BAND2	15MHz	64QAM	19125	36RB#0	20.37	18.32	33	PASS
BAND2	15MHz	64QAM	19125	36RB#18	20.28	18.23	33	PASS
BAND2	15MHz	64QAM	19125	36RB#39	20.34	18.29	33	PASS
BAND2	15MHz	64QAM	19125	75RB#0	20.36	18.31	33	PASS
BAND2	15MHz	16QAM	18675	1RB#0	22.52	20.47	33	PASS
BAND2	15MHz	16QAM	18675	1RB#38	22.55	20.5	33	PASS
BAND2	15MHz	16QAM	18675	1RB#74	22.52	20.47	33	PASS
BAND2	15MHz	16QAM	18675	36RB#0	21.38	19.33	33	PASS
BAND2	15MHz	16QAM	18675	36RB#18	21.30	19.25	33	PASS
BAND2	15MHz	16QAM	18675	36RB#39	21.26	19.21	33	PASS
BAND2	15MHz	16QAM	18675	75RB#0	21.26	19.21	33	PASS
BAND2	15MHz	16QAM	18900	1RB#0	22.55	20.5	33	PASS
BAND2	15MHz	16QAM	18900	1RB#38	22.52	20.47	33	PASS
BAND2	15MHz	16QAM	18900	1RB#74	22.45	20.4	33	PASS
BAND2	15MHz	16QAM	18900	36RB#0	21.31	19.26	33	PASS
BAND2	15MHz	16QAM	18900	36RB#18	21.31	19.26	33	PASS
BAND2	15MHz	16QAM	18900	36RB#39	21.31	19.26	33	PASS
BAND2	15MHz	16QAM	18900	75RB#0	21.20	19.15	33	PASS
BAND2	15MHz	16QAM	19125	1RB#0	22.43	20.38	33	PASS
BAND2	15MHz	16QAM	19125	1RB#38	22.50	20.45	33	PASS
BAND2	15MHz	16QAM	19125	1RB#74	22.38	20.33	33	PASS
BAND2	15MHz	16QAM	19125	36RB#0	21.31	19.26	33	PASS
BAND2	15MHz	16QAM	19125	36RB#18	21.29	19.24	33	PASS
BAND2	15MHz	16QAM	19125	36RB#39	21.32	19.27	33	PASS
BAND2	15MHz	16QAM	19125	75RB#0	21.30	19.25	33	PASS
BAND2	20MHz	QPSK	18700	1RB#0	23.52	21.47	33	PASS
BAND2	20MHz	QPSK	18700	1RB#49	23.32	21.27	33	PASS
BAND2	20MHz	QPSK	18700	1RB#99	23.54	21.49	33	PASS
BAND2	20MHz	QPSK	18700	50RB#0	22.66	20.61	33	PASS
BAND2	20MHz	QPSK	18700	50RB#25	22.30	20.25	33	PASS
BAND2	20MHz	QPSK	18700	50RB#50	22.37	20.32	33	PASS

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BAND2	20MHz	QPSK	18700	100RB#0	22.59	20.54	33	PASS
BAND2	20MHz	QPSK	18900	1RB#0	23.67	21.62	33	PASS
BAND2	20MHz	QPSK	18900	1RB#49	23.12	21.07	33	PASS
BAND2	20MHz	QPSK	18900	1RB#99	23.32	21.27	33	PASS
BAND2	20MHz	QPSK	18900	50RB#0	22.32	20.27	33	PASS
BAND2	20MHz	QPSK	18900	50RB#25	22.34	20.29	33	PASS
BAND2	20MHz	QPSK	18900	50RB#50	22.41	20.36	33	PASS
BAND2	20MHz	QPSK	18900	100RB#0	22.37	20.32	33	PASS
BAND2	20MHz	QPSK	19100	1RB#0	23.55	21.5	33	PASS
BAND2	20MHz	QPSK	19100	1RB#49	23.11	21.06	33	PASS
BAND2	20MHz	QPSK	19100	1RB#99	23.47	21.42	33	PASS
BAND2	20MHz	QPSK	19100	50RB#0	22.31	20.26	33	PASS
BAND2	20MHz	QPSK	19100	50RB#25	22.29	20.24	33	PASS
BAND2	20MHz	QPSK	19100	50RB#50	22.38	20.33	33	PASS
BAND2	20MHz	QPSK	19100	100RB#0	22.34	20.29	33	PASS
BAND2	20MHz	64QAM	18700	1RB#0	22.78	20.73	33	PASS
BAND2	20MHz	64QAM	18700	1RB#49	22.30	20.25	33	PASS
BAND2	20MHz	64QAM	18700	1RB#99	22.57	20.52	33	PASS
BAND2	20MHz	64QAM	18700	50RB#0	21.31	19.26	33	PASS
BAND2	20MHz	64QAM	18700	50RB#25	21.25	19.2	33	PASS
BAND2	20MHz	64QAM	18700	50RB#50	21.29	19.24	33	PASS
BAND2	20MHz	64QAM	18700	100RB#0	21.49	19.44	33	PASS
BAND2	20MHz	64QAM	18900	1RB#0	21.78	19.73	33	PASS
BAND2	20MHz	64QAM	18900	1RB#49	21.07	19.02	33	PASS
BAND2	20MHz	64QAM	18900	1RB#99	21.46	19.41	33	PASS
BAND2	20MHz	64QAM	18900	50RB#0	20.27	18.22	33	PASS
BAND2	20MHz	64QAM	18900	50RB#25	20.29	18.24	33	PASS
BAND2	20MHz	64QAM	18900	50RB#50	20.37	18.32	33	PASS
BAND2	20MHz	64QAM	18900	100RB#0	20.38	18.33	33	PASS
BAND2	20MHz	64QAM	19100	1RB#0	21.73	19.68	33	PASS
BAND2	20MHz	64QAM	19100	1RB#49	21.08	19.03	33	PASS
BAND2	20MHz	64QAM	19100	1RB#99	21.49	19.44	33	PASS
BAND2	20MHz	64QAM	19100	50RB#0	20.31	18.26	33	PASS
BAND2	20MHz	64QAM	19100	50RB#25	20.29	18.24	33	PASS
BAND2	20MHz	64QAM	19100	50RB#50	20.34	18.29	33	PASS
BAND2	20MHz	64QAM	19100	100RB#0	20.37	18.32	33	PASS
BAND2	20MHz	16QAM	18700	1RB#0	22.65	20.6	33	PASS
BAND2	20MHz	16QAM	18700	1RB#49	22.31	20.26	33	PASS
BAND2	20MHz	16QAM	18700	1RB#99	22.62	20.57	33	PASS
BAND2	20MHz	16QAM	18700	50RB#0	21.36	19.31	33	PASS
BAND2	20MHz	16QAM	18700	50RB#25	21.25	19.2	33	PASS

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BAND2	20MHz	16QAM	18700	50RB#50	21.30	19.25	33	PASS
BAND2	20MHz	16QAM	18700	100RB#0	21.48	19.43	33	PASS
BAND2	20MHz	16QAM	18900	1RB#0	22.82	20.77	33	PASS
BAND2	20MHz	16QAM	18900	1RB#49	22.13	20.08	33	PASS
BAND2	20MHz	16QAM	18900	1RB#99	22.42	20.37	33	PASS
BAND2	20MHz	16QAM	18900	50RB#0	21.25	19.2	33	PASS
BAND2	20MHz	16QAM	18900	50RB#25	21.25	19.2	33	PASS
BAND2	20MHz	16QAM	18900	50RB#50	21.34	19.29	33	PASS
BAND2	20MHz	16QAM	18900	100RB#0	21.33	19.28	33	PASS
BAND2	20MHz	16QAM	19100	1RB#0	22.69	20.64	33	PASS
BAND2	20MHz	16QAM	19100	1RB#49	22.25	20.2	33	PASS
BAND2	20MHz	16QAM	19100	1RB#99	22.64	20.59	33	PASS
BAND2	20MHz	16QAM	19100	50RB#0	21.36	19.31	33	PASS
BAND2	20MHz	16QAM	19100	50RB#25	21.27	19.22	33	PASS
BAND2	20MHz	16QAM	19100	50RB#50	21.30	19.25	33	PASS
BAND2	20MHz	16QAM	19100	100RB#0	21.35	19.3	33	PASS

Note:

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

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

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

b: SGP=Signal Generator Level

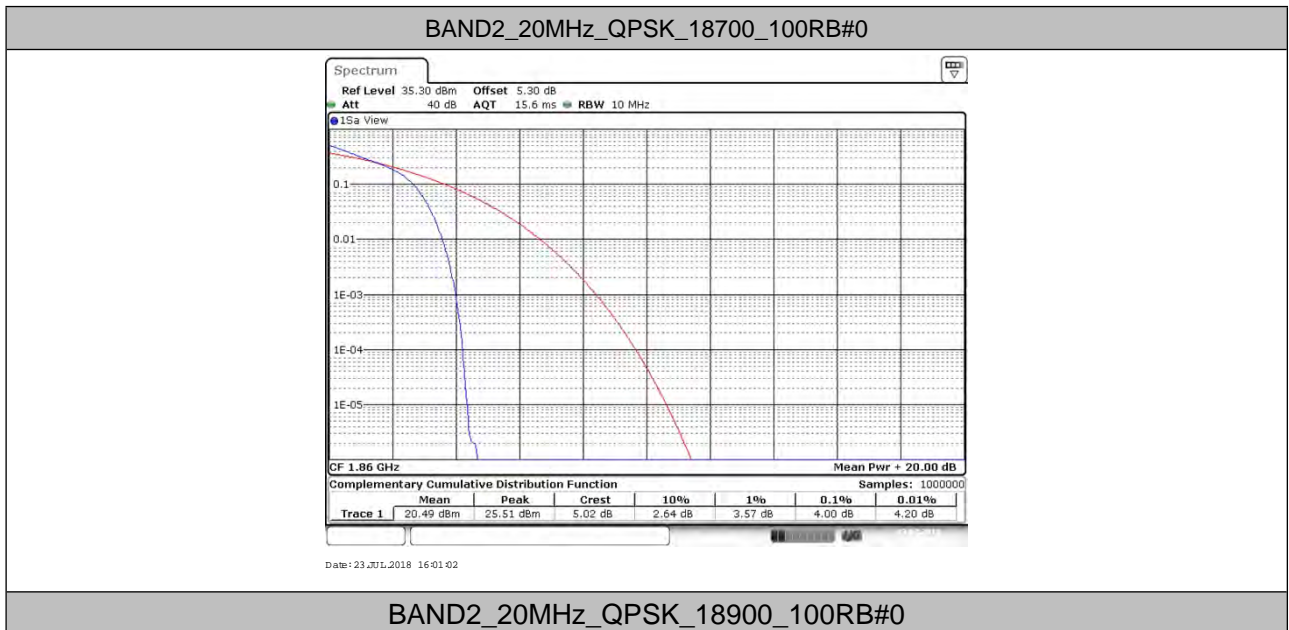


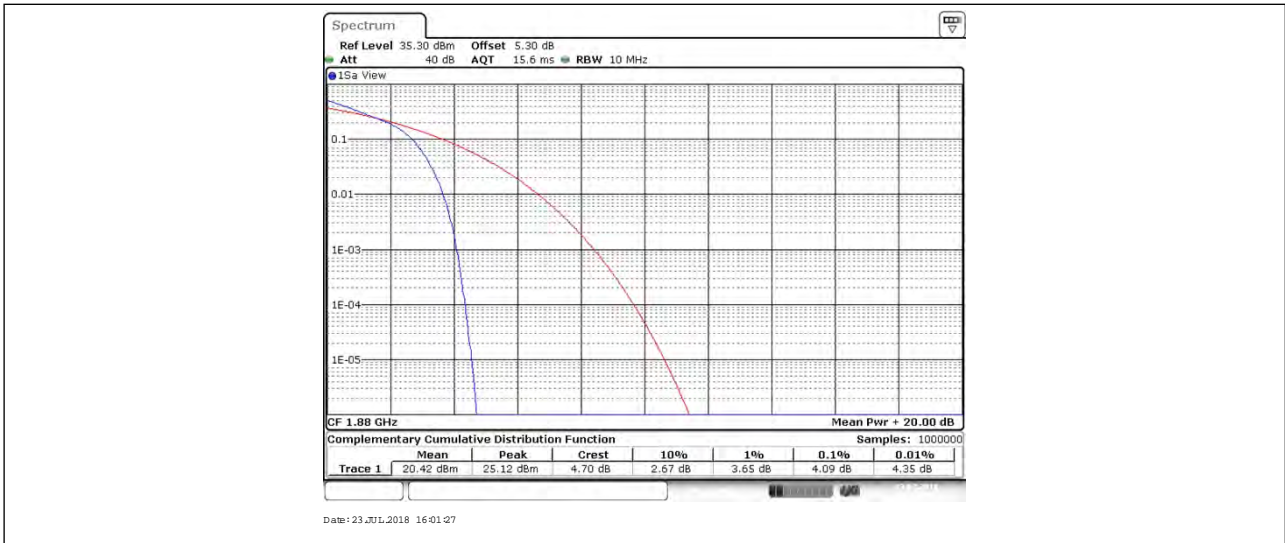
## 2. Peak-to-Average Ratio(CCDF)

### 2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
BAND2	20MHz	QPSK	18700	100RB#0	4.00	13	PASS
BAND2	20MHz	QPSK	18900	100RB#0	4.09	13	PASS
BAND2	20MHz	QPSK	19100	100RB#0	4.23	13	PASS
BAND2	20MHz	64QAM	18700	100RB#0	5.68	13	PASS
BAND2	20MHz	64QAM	18900	100RB#0	6.14	13	PASS
BAND2	20MHz	64QAM	19100	100RB#0	6.17	13	PASS
BAND2	20MHz	16QAM	18700	100RB#0	5.68	13	PASS
BAND2	20MHz	16QAM	18900	100RB#0	5.80	13	PASS
BAND2	20MHz	16QAM	19100	100RB#0	5.86	13	PASS

### 2.2. Test Plots

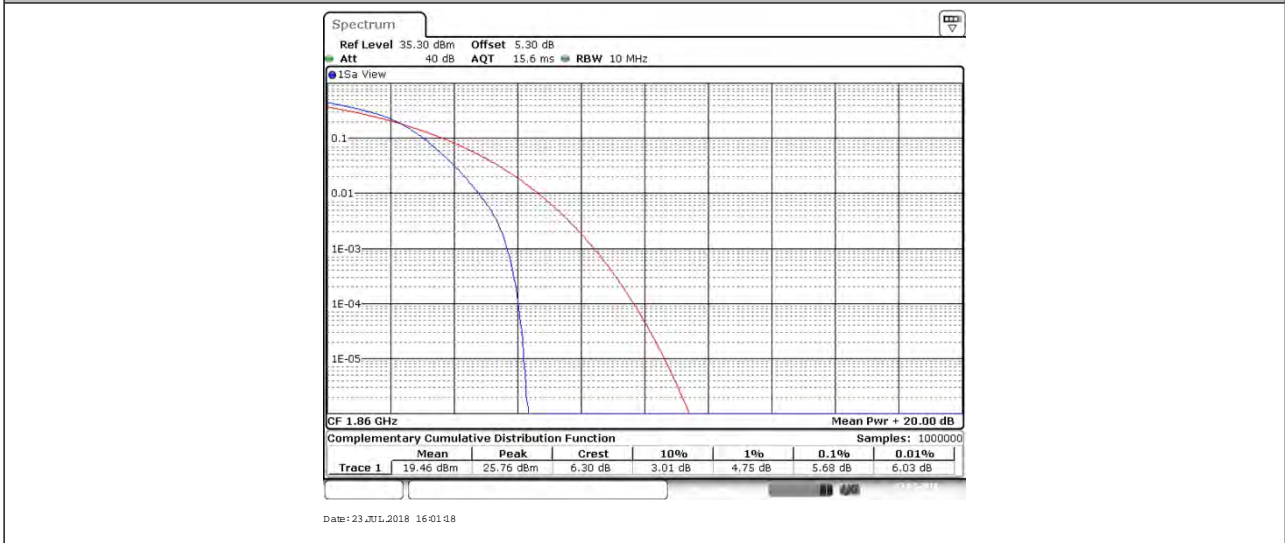




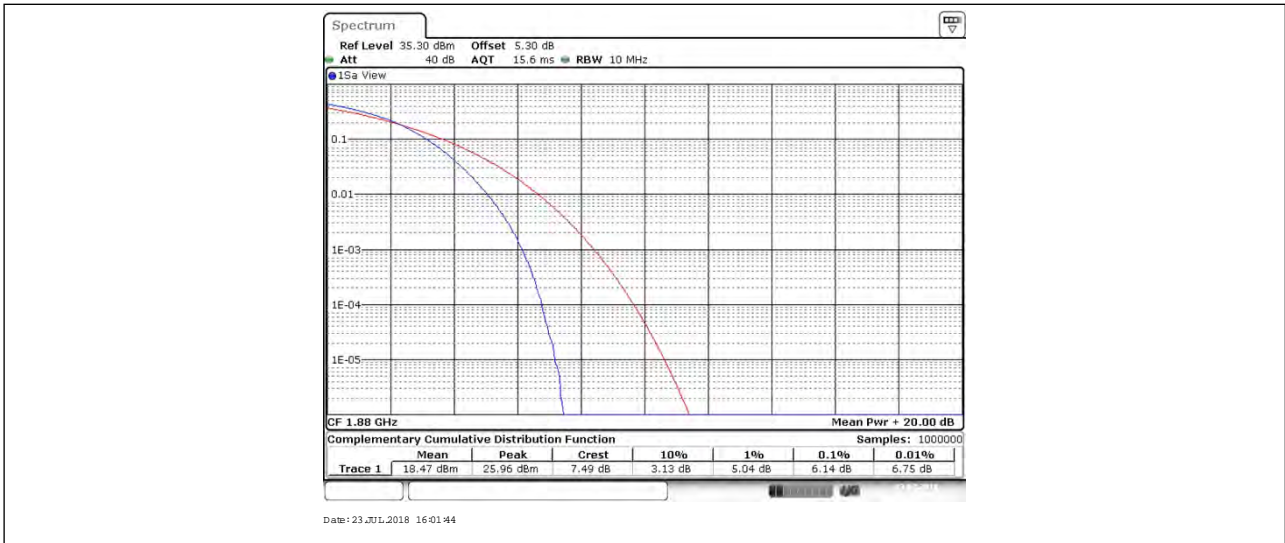
BAND2\_20MHz\_QPSK\_19100\_100RB#0



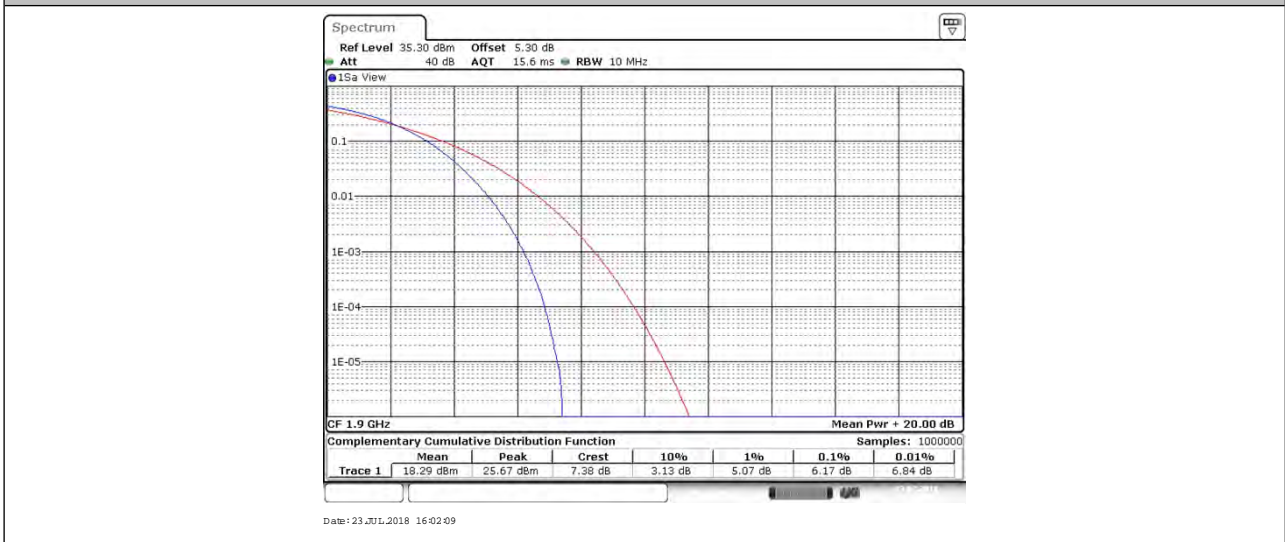
BAND2\_20MHz\_64QAM\_18700\_100RB#0



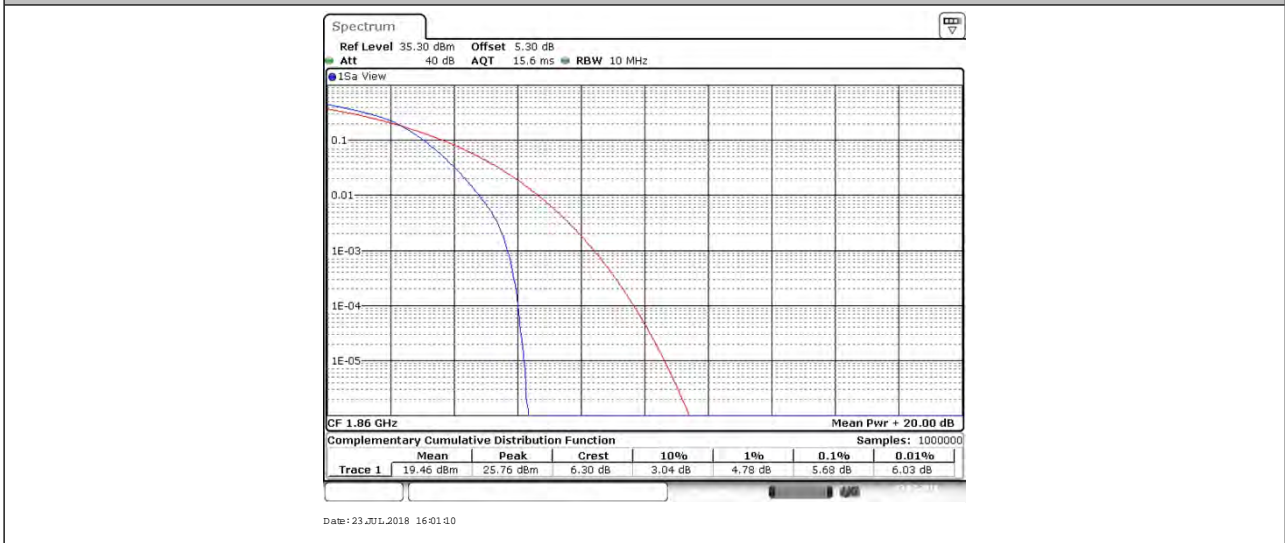
BAND2\_20MHz\_64QAM\_18900\_100RB#0



**BAND2\_20MHz\_64QAM\_19100\_100RB#0**

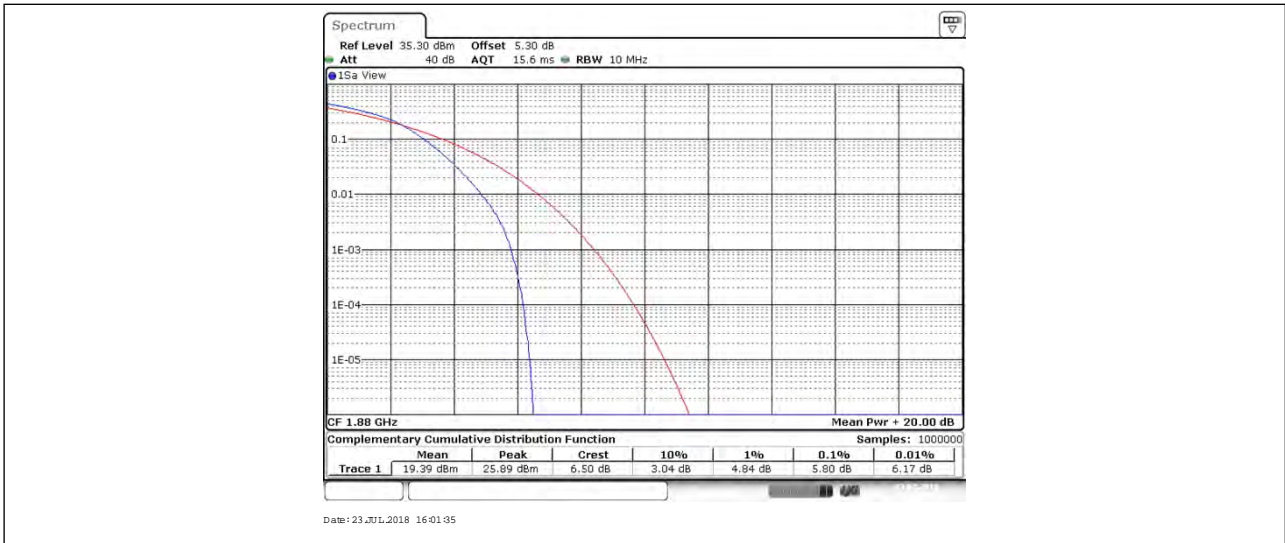


**BAND2\_20MHz\_16QAM\_18700\_100RB#0**

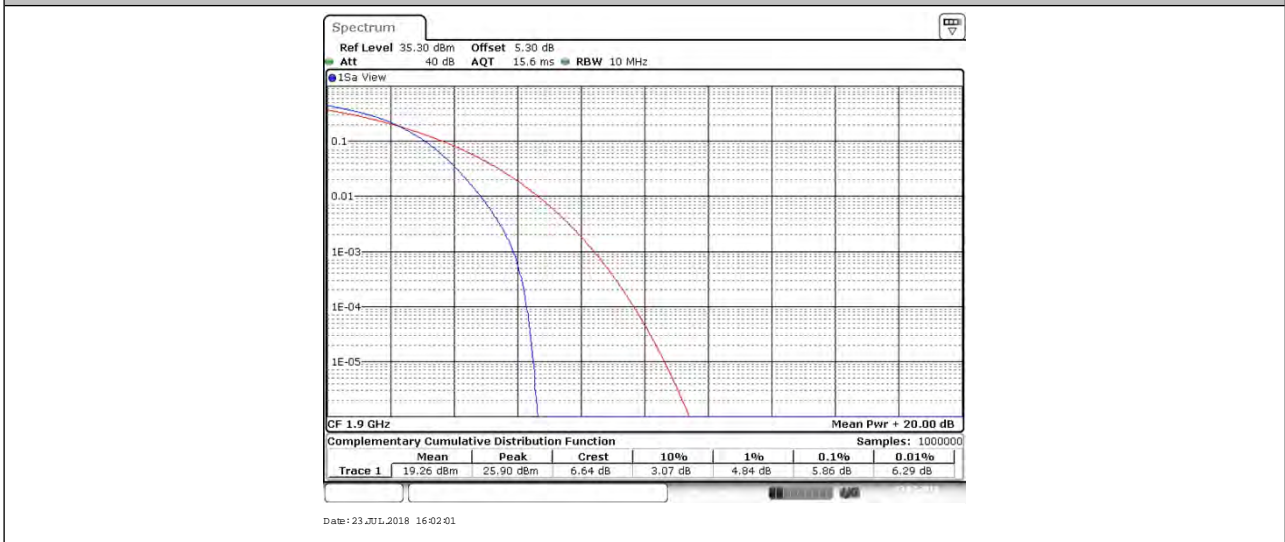


**BAND2\_20MHz\_16QAM\_18900\_100RB#0**





BAND2\_20MHz\_16QAM\_19100\_100RB#0

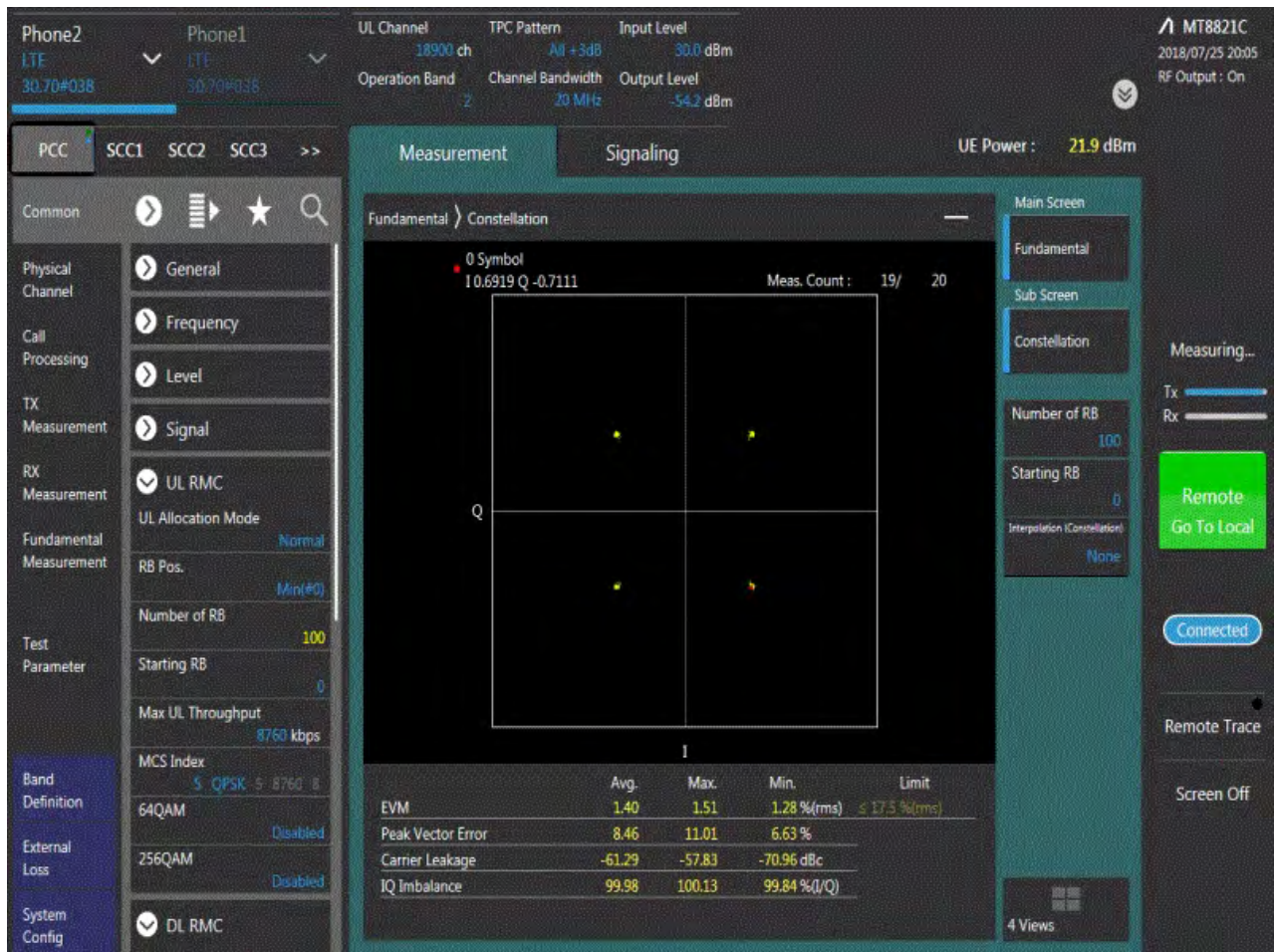


### 3. Modulation Characteristics

#### 3.1. Test BAND = LTE BAND2

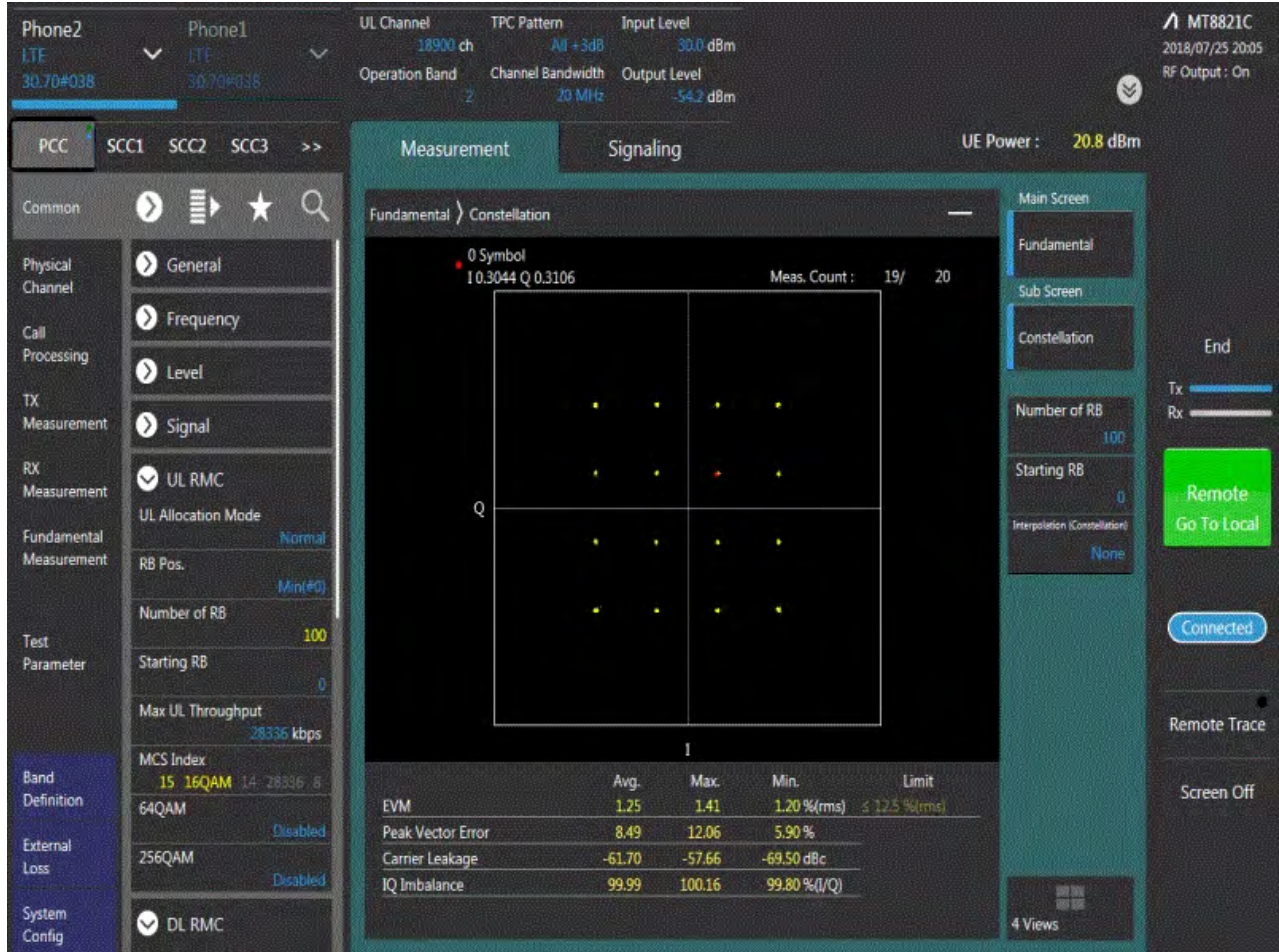
#### 3.1.1. Test Mode = LTE /TM1 20MHz

#### 3.1.1.1. Test Channel = MCH



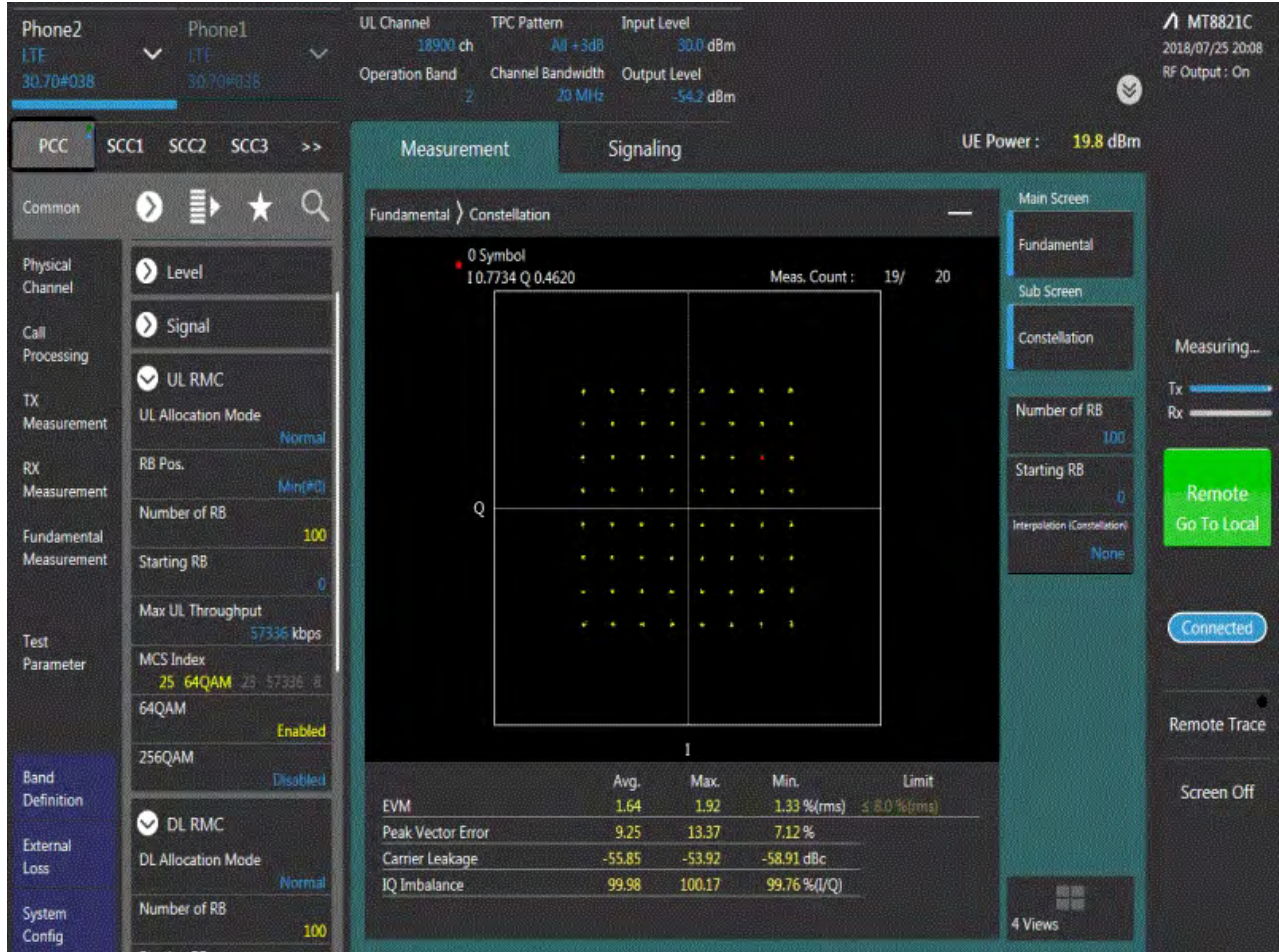
### 3.1.2. Test Mode = LTE /TM2 20MHz

#### 3.1.2.1. Test Channel = MCH



### 3.1.3. Test Mode = LTE /TM3 20MHz

#### 3.1.3.1. Test Channel = MCH





## 4. 26dB Bandwidth and Occupied Bandwidth

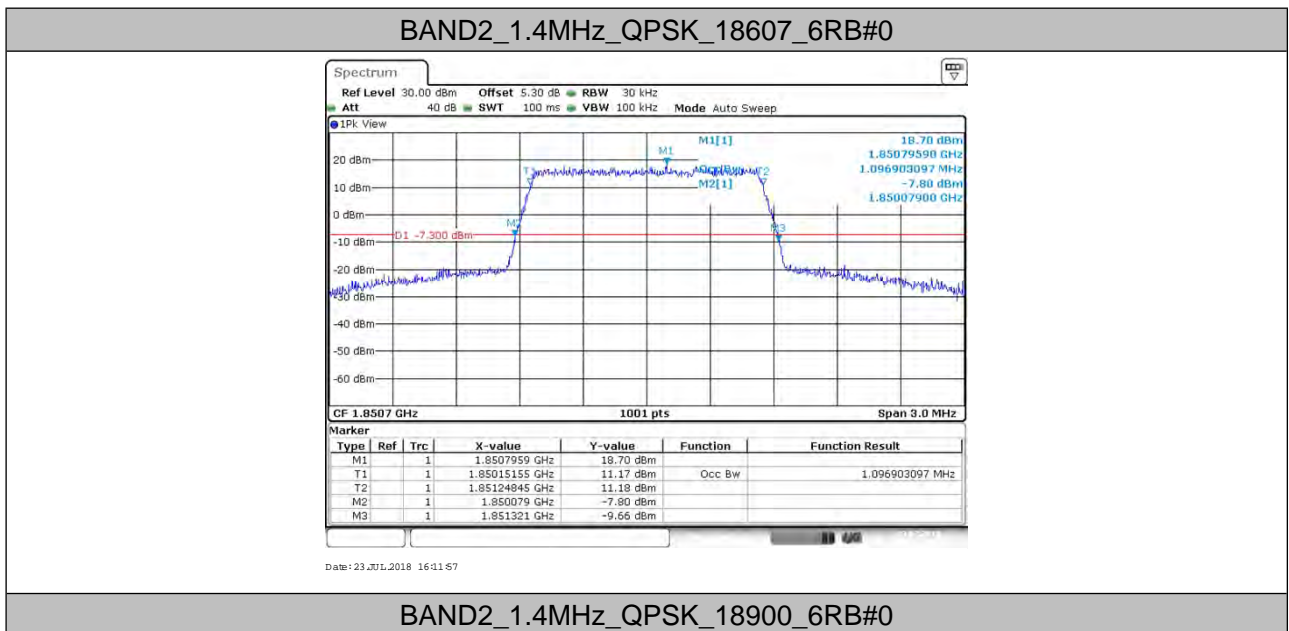
### 4.1. Test Result

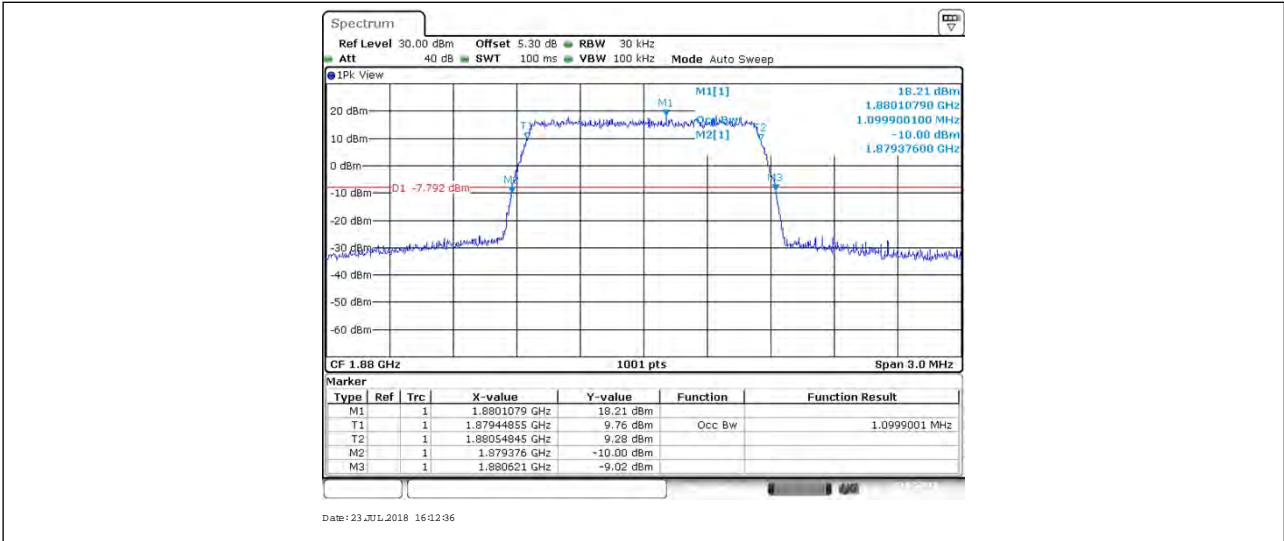
BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
BAND2	1.4MHz	QPSK	18607	6RB#0	1.097	1.242	PASS
BAND2	1.4MHz	QPSK	18900	6RB#0	1.100	1.245	PASS
BAND2	1.4MHz	QPSK	19193	6RB#0	1.094	1.245	PASS
BAND2	1.4MHz	64QAM	18607	6RB#0	1.094	1.248	PASS
BAND2	1.4MHz	64QAM	18900	6RB#0	1.094	1.248	PASS
BAND2	1.4MHz	64QAM	19193	6RB#0	1.097	1.251	PASS
BAND2	1.4MHz	16QAM	18607	6RB#0	1.097	1.248	PASS
BAND2	1.4MHz	16QAM	18900	6RB#0	1.091	1.248	PASS
BAND2	1.4MHz	16QAM	19193	6RB#0	1.094	1.248	PASS
BAND2	3MHz	QPSK	18615	15RB#0	2.697	2.982	PASS
BAND2	3MHz	QPSK	18900	15RB#0	2.697	2.982	PASS
BAND2	3MHz	QPSK	19185	15RB#0	2.691	2.970	PASS
BAND2	3MHz	64QAM	18615	15RB#0	2.697	2.982	PASS
BAND2	3MHz	64QAM	18900	15RB#0	2.697	2.982	PASS
BAND2	3MHz	64QAM	19185	15RB#0	2.691	2.964	PASS
BAND2	3MHz	16QAM	18615	15RB#0	2.697	2.976	PASS
BAND2	3MHz	16QAM	18900	15RB#0	2.697	2.952	PASS
BAND2	3MHz	16QAM	19185	15RB#0	2.697	2.976	PASS
BAND2	5MHz	QPSK	18625	25RB#0	4.476	4.890	PASS
BAND2	5MHz	QPSK	18900	25RB#0	4.476	4.900	PASS
BAND2	5MHz	QPSK	19175	25RB#0	4.466	4.870	PASS
BAND2	5MHz	64QAM	18625	25RB#0	4.476	4.910	PASS
BAND2	5MHz	64QAM	18900	25RB#0	4.476	4.910	PASS
BAND2	5MHz	64QAM	19175	25RB#0	4.476	4.910	PASS
BAND2	5MHz	16QAM	18625	25RB#0	4.476	4.940	PASS
BAND2	5MHz	16QAM	18900	25RB#0	4.476	4.910	PASS
BAND2	5MHz	16QAM	19175	25RB#0	4.476	4.910	PASS
BAND2	10MHz	QPSK	18650	50RB#0	8.931	9.760	PASS
BAND2	10MHz	QPSK	18900	50RB#0	8.931	9.840	PASS
BAND2	10MHz	QPSK	19150	50RB#0	8.951	9.740	PASS
BAND2	10MHz	64QAM	18650	50RB#0	8.951	9.740	PASS
BAND2	10MHz	64QAM	18900	50RB#0	8.951	9.780	PASS
BAND2	10MHz	64QAM	19150	50RB#0	8.951	9.780	PASS



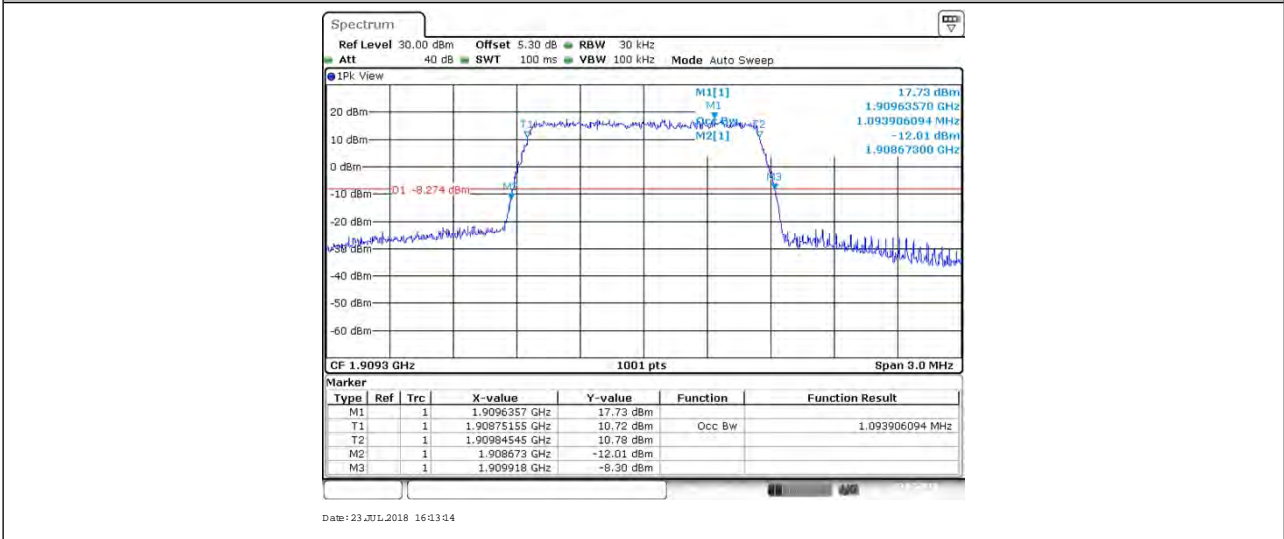
BAND2	10MHz	16QAM	18650	50RB#0	8.931	9.740	PASS
BAND2	10MHz	16QAM	18900	50RB#0	8.931	9.760	PASS
BAND2	10MHz	16QAM	19150	50RB#0	8.931	9.780	PASS
BAND2	15MHz	QPSK	18675	75RB#0	13.487	15.000	PASS
BAND2	15MHz	QPSK	18900	75RB#0	13.516	15.000	PASS
BAND2	15MHz	QPSK	19125	75RB#0	13.546	15.090	PASS
BAND2	15MHz	64QAM	18675	75RB#0	13.487	15.060	PASS
BAND2	15MHz	64QAM	18900	75RB#0	13.457	15.000	PASS
BAND2	15MHz	64QAM	19125	75RB#0	13.546	15.060	PASS
BAND2	15MHz	16QAM	18675	75RB#0	13.487	15.030	PASS
BAND2	15MHz	16QAM	18900	75RB#0	13.516	15.060	PASS
BAND2	15MHz	16QAM	19125	75RB#0	13.516	15.030	PASS
BAND2	20MHz	QPSK	18700	100RB#0	17.942	19.800	PASS
BAND2	20MHz	QPSK	18900	100RB#0	17.942	19.720	PASS
BAND2	20MHz	QPSK	19100	100RB#0	17.982	19.880	PASS
BAND2	20MHz	64QAM	18700	100RB#0	17.902	19.720	PASS
BAND2	20MHz	64QAM	18900	100RB#0	17.942	19.720	PASS
BAND2	20MHz	64QAM	19100	100RB#0	18.022	19.840	PASS
BAND2	20MHz	16QAM	18700	100RB#0	17.982	19.800	PASS
BAND2	20MHz	16QAM	18900	100RB#0	17.942	19.760	PASS
BAND2	20MHz	16QAM	19100	100RB#0	18.022	19.680	PASS

#### 4.2. Test Plots

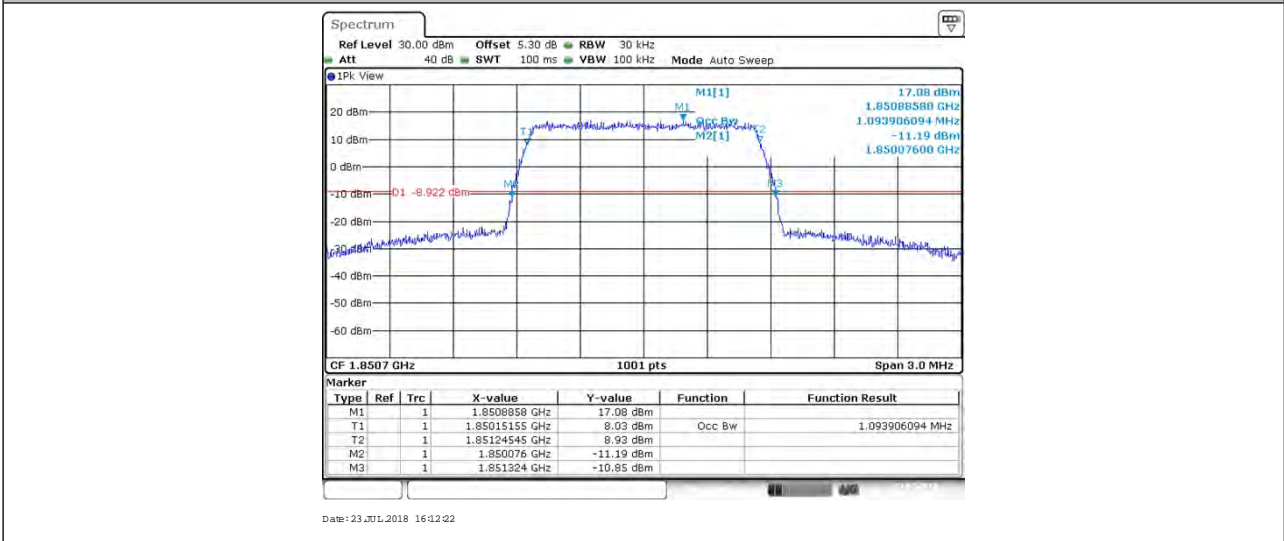




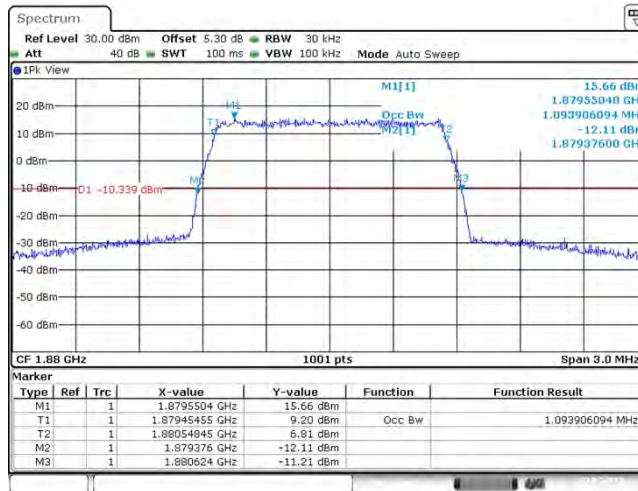
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**BAND2\_1.4MHz\_64QAM\_18607\_6RB#0**

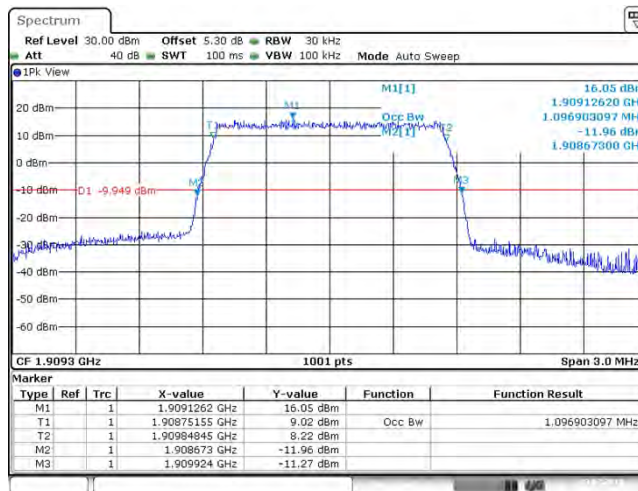


**BAND2\_1.4MHz\_64QAM\_18900\_6RB#0**



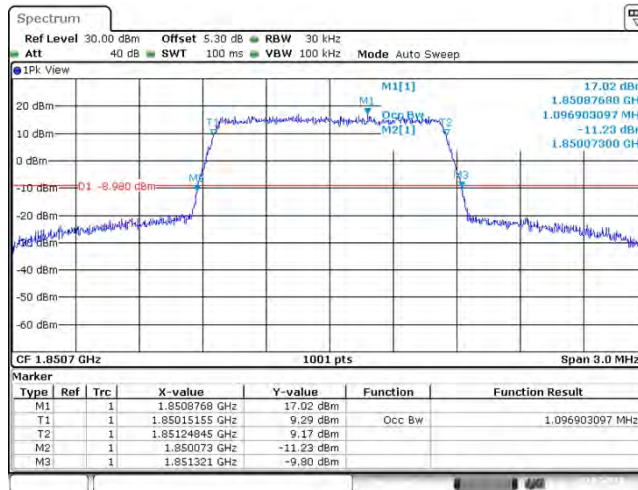
Date: 23.JUL.2018 16:13:01

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Date: 23.JUL.2018 16:13:40

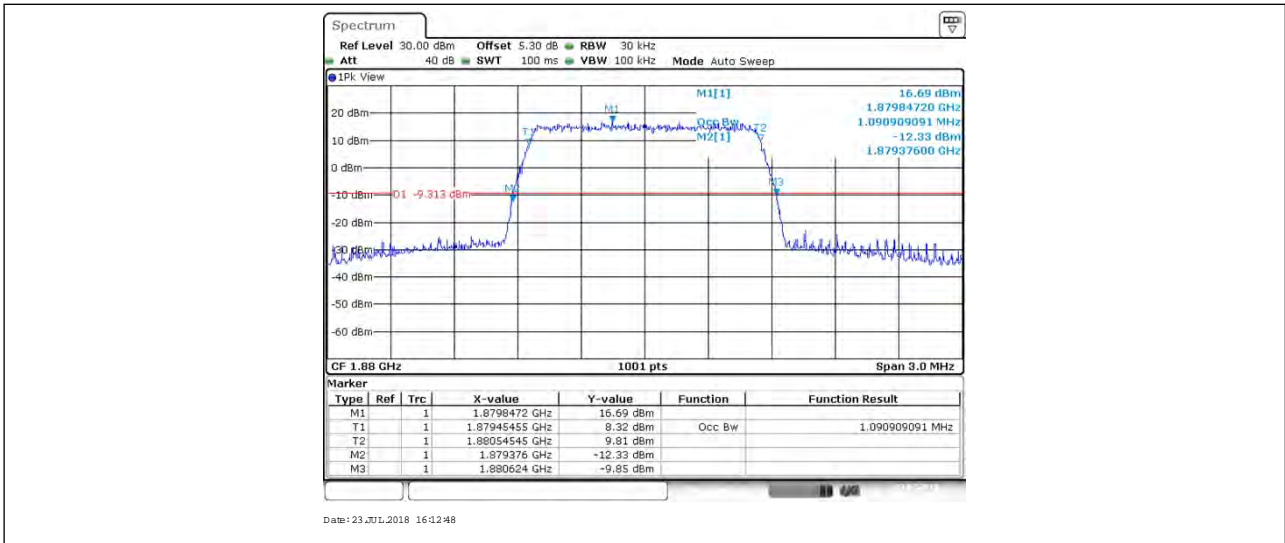
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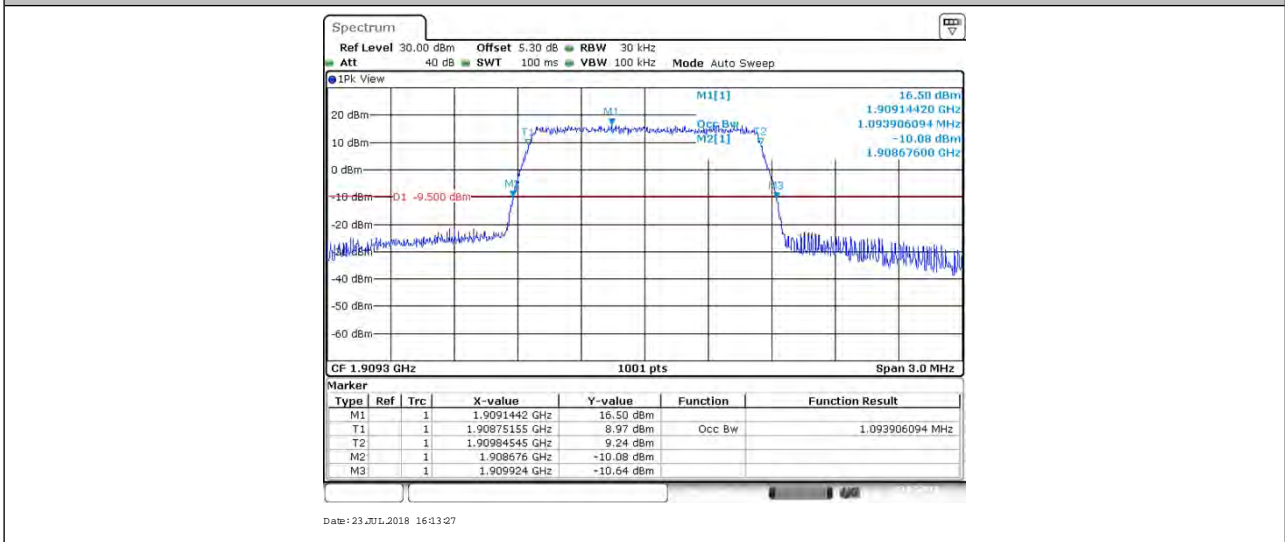
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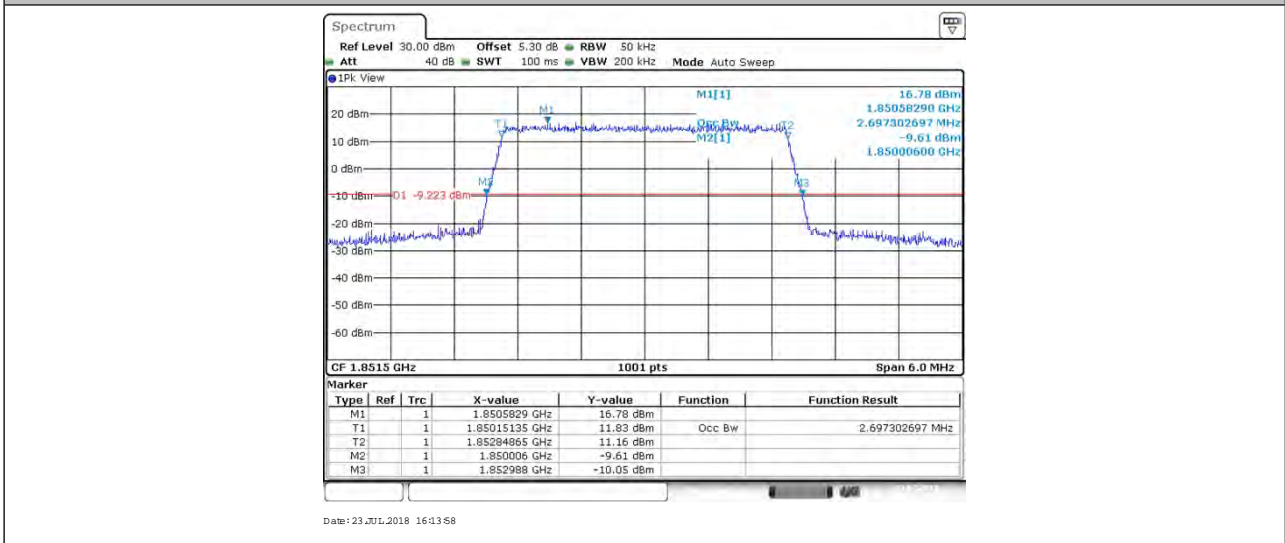




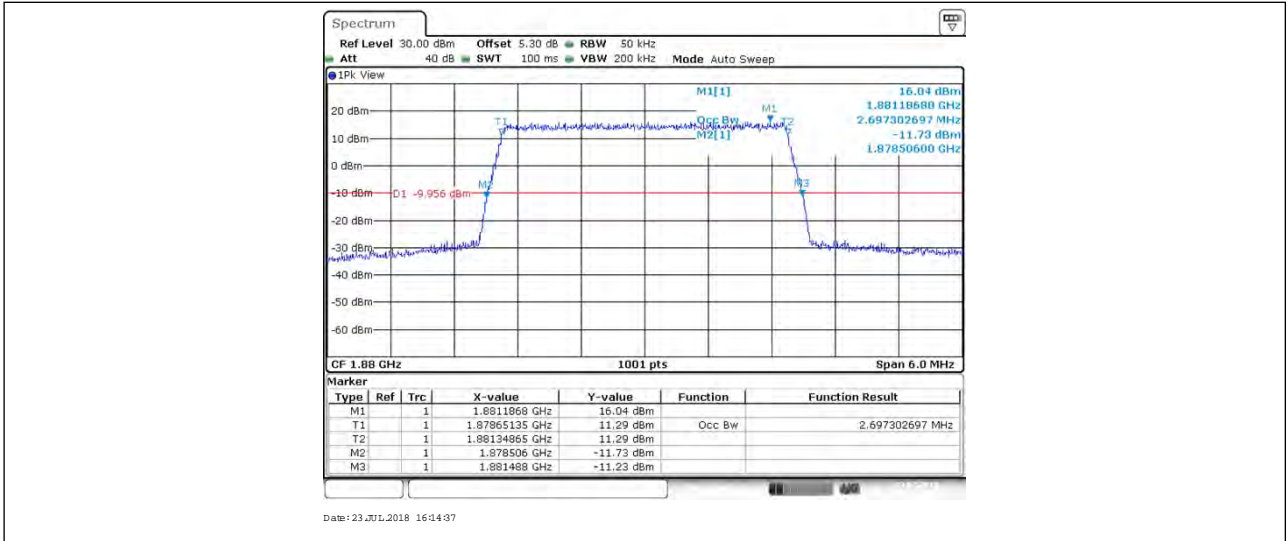
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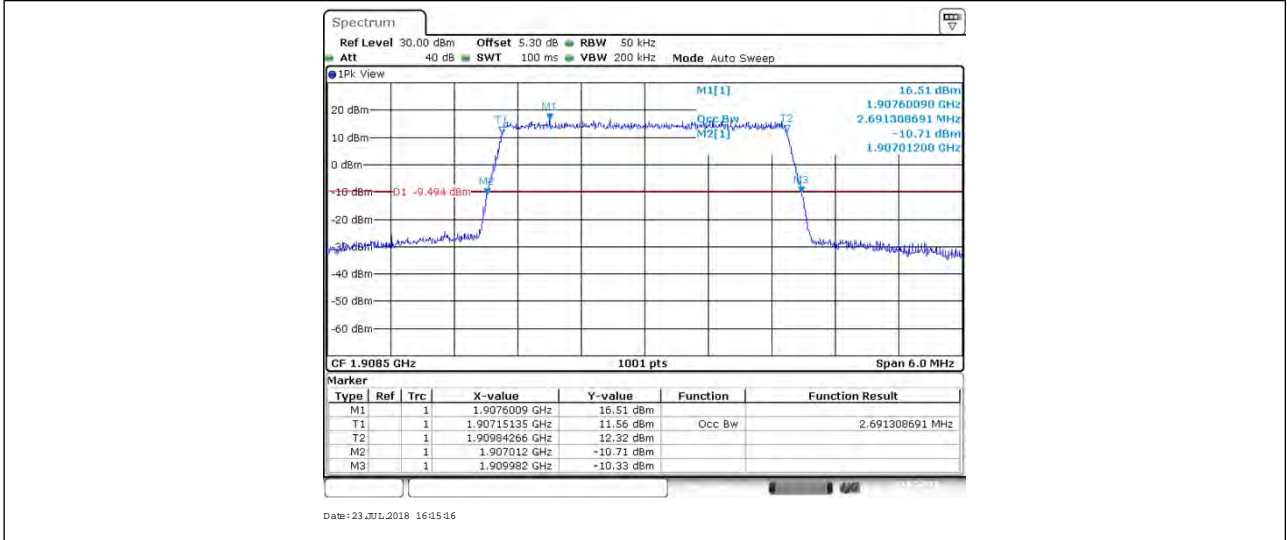
**BAND2\_3MHz\_QPSK\_18615\_15RB#0**



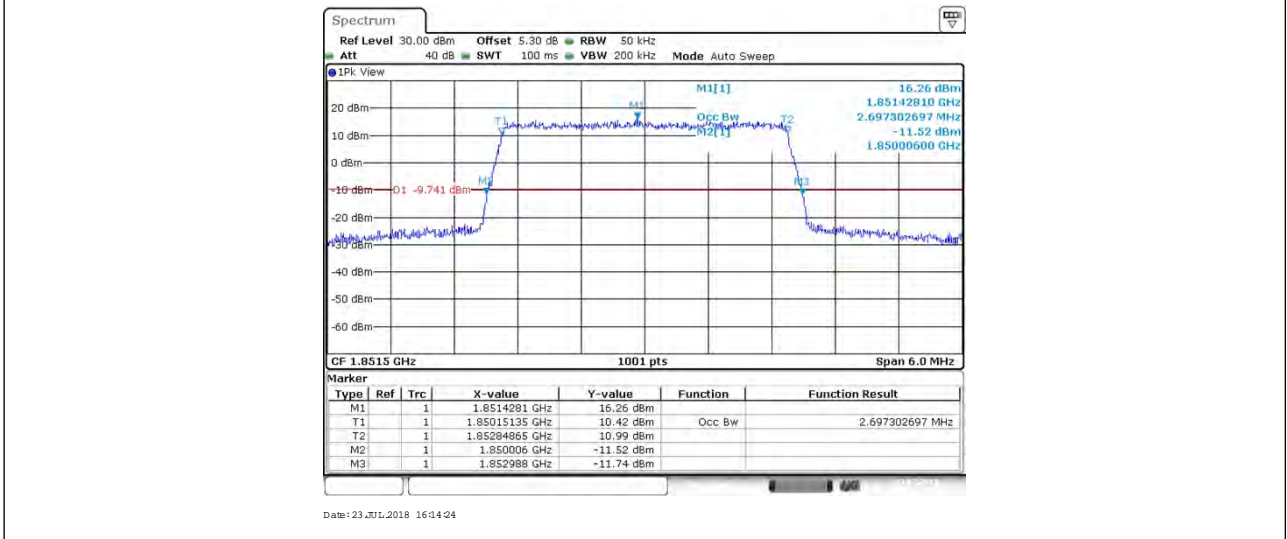
**BAND2\_3MHz\_QPSK\_18900\_15RB#0**



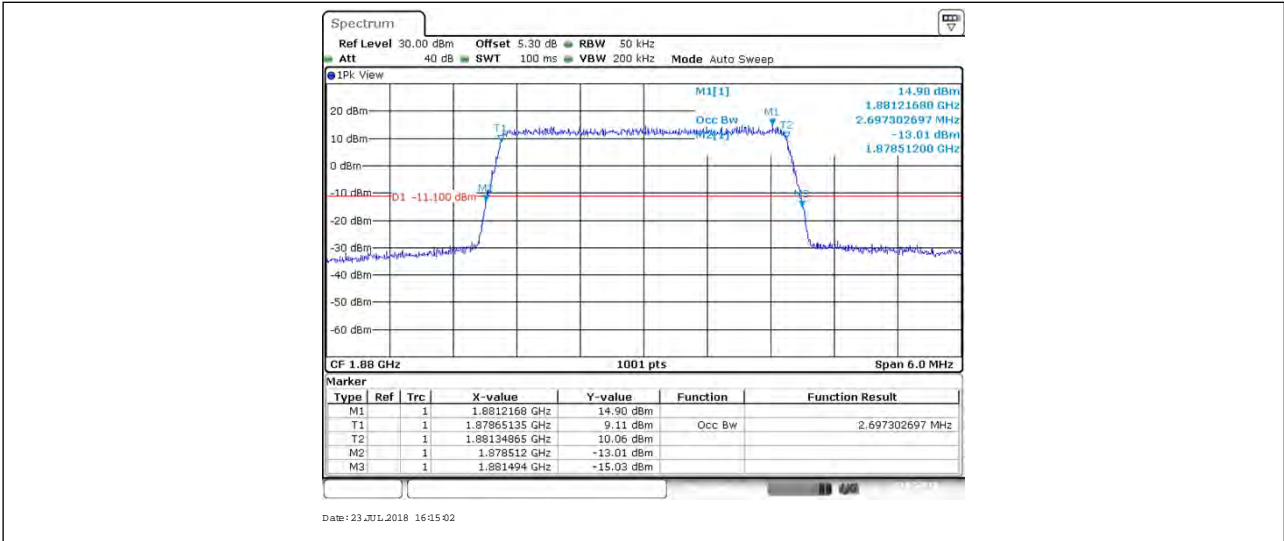
**BAND2\_3MHz\_QPSK\_19185\_15RB#0**



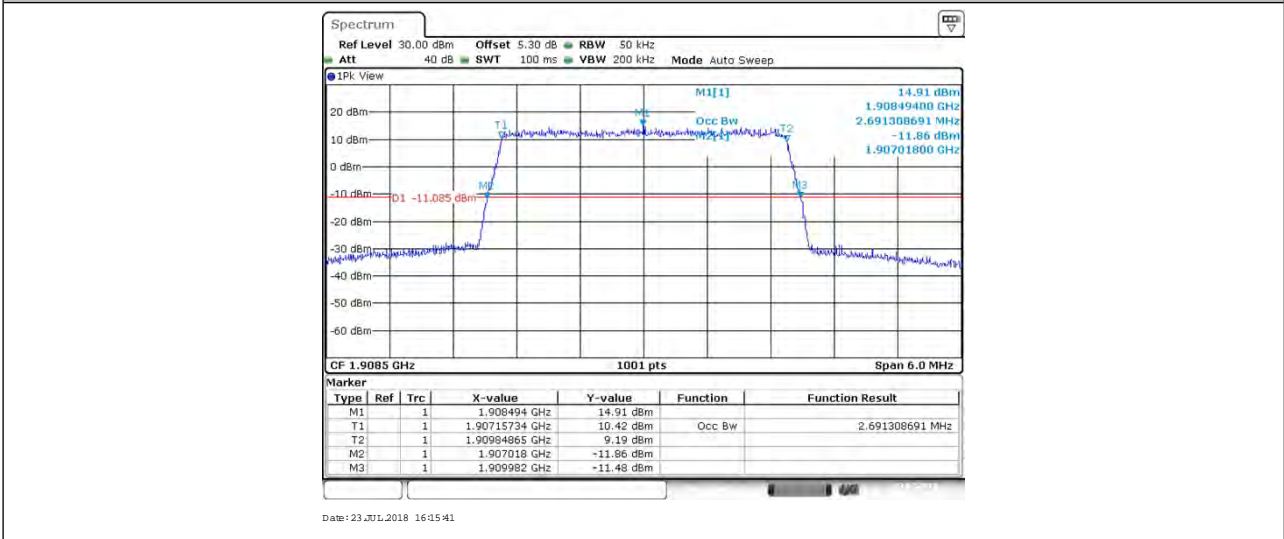
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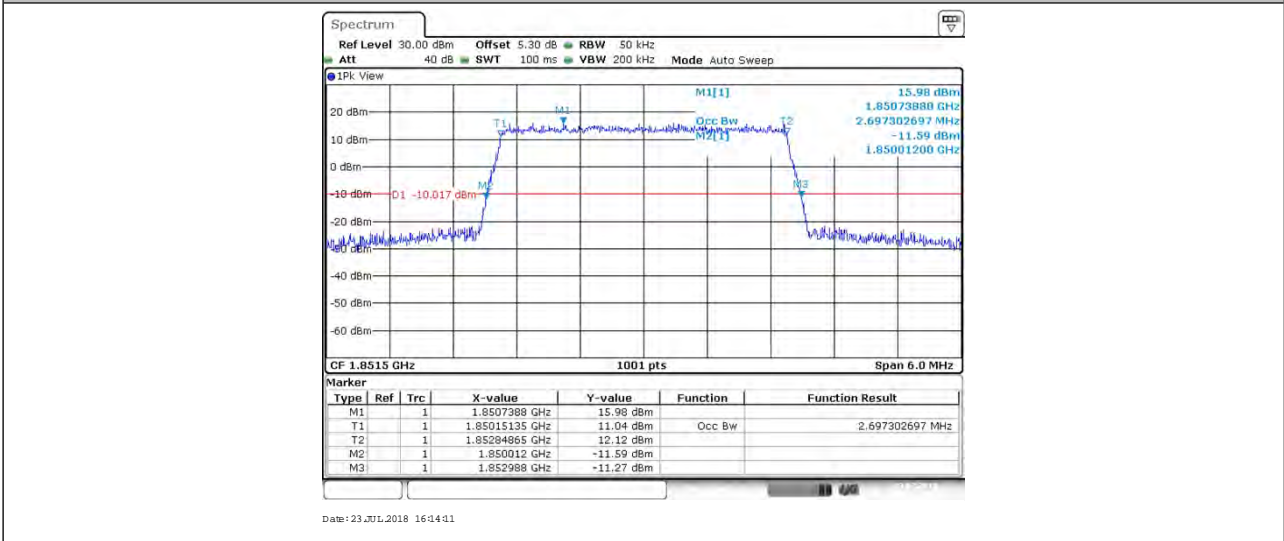
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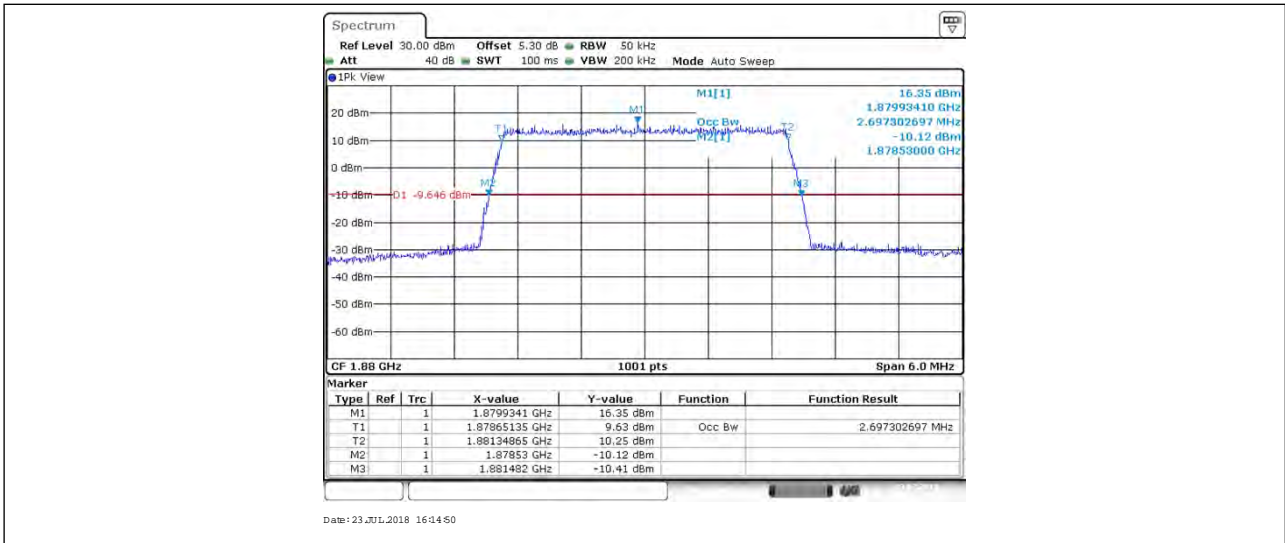
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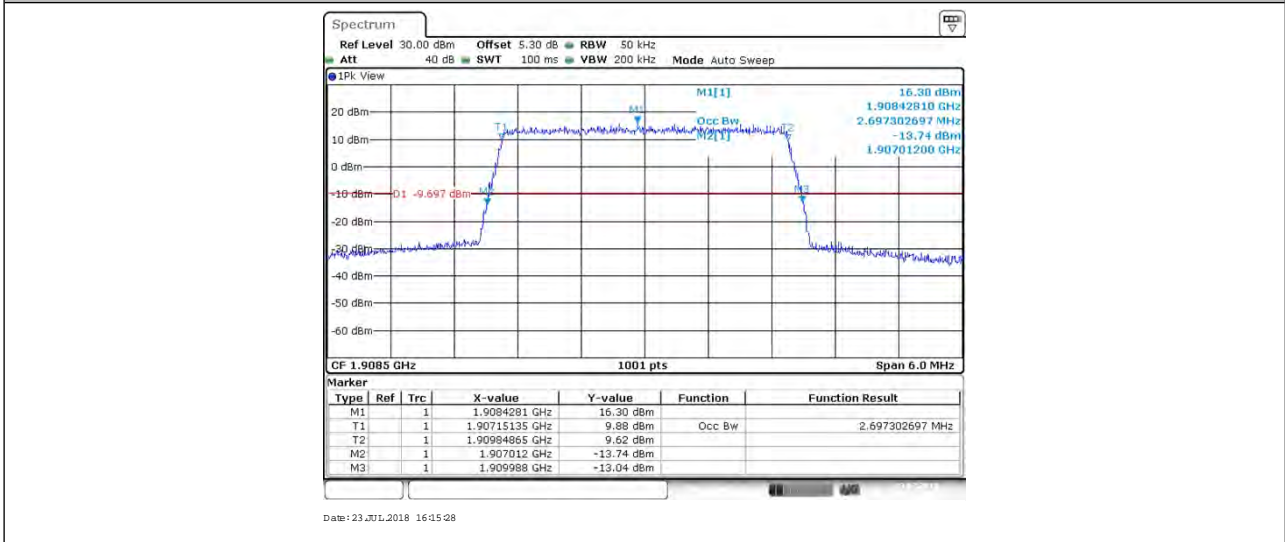
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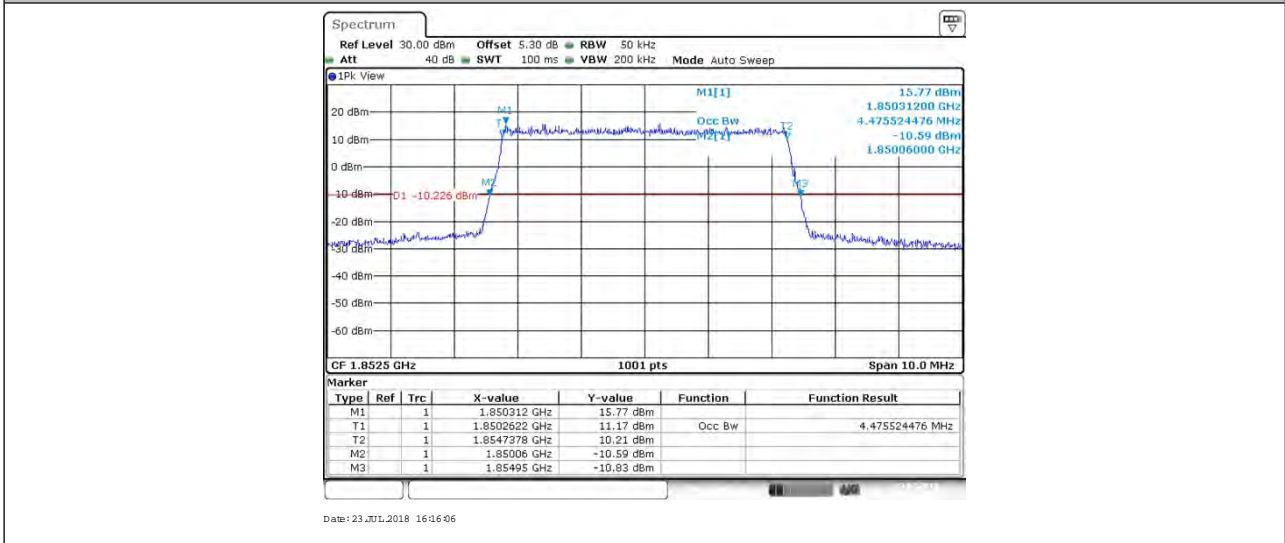
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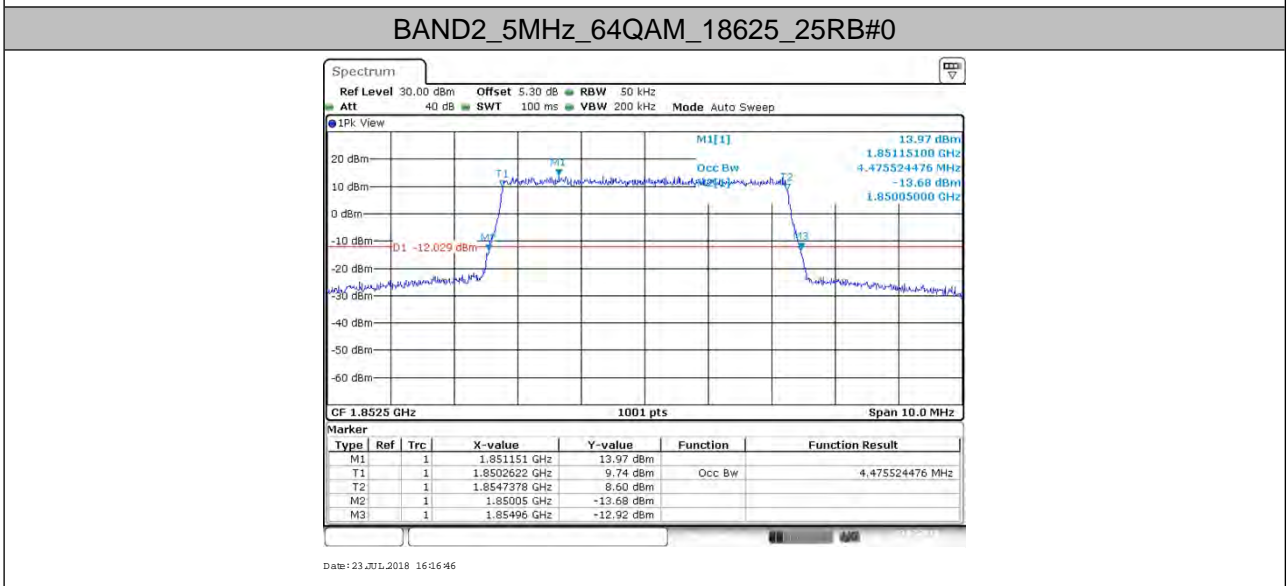
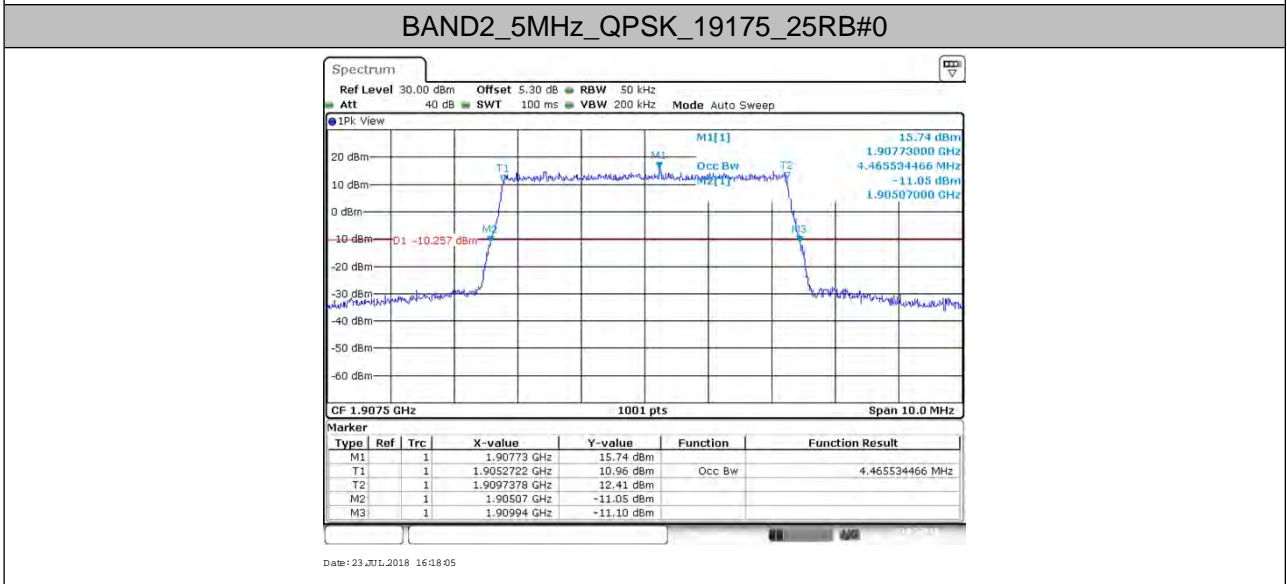
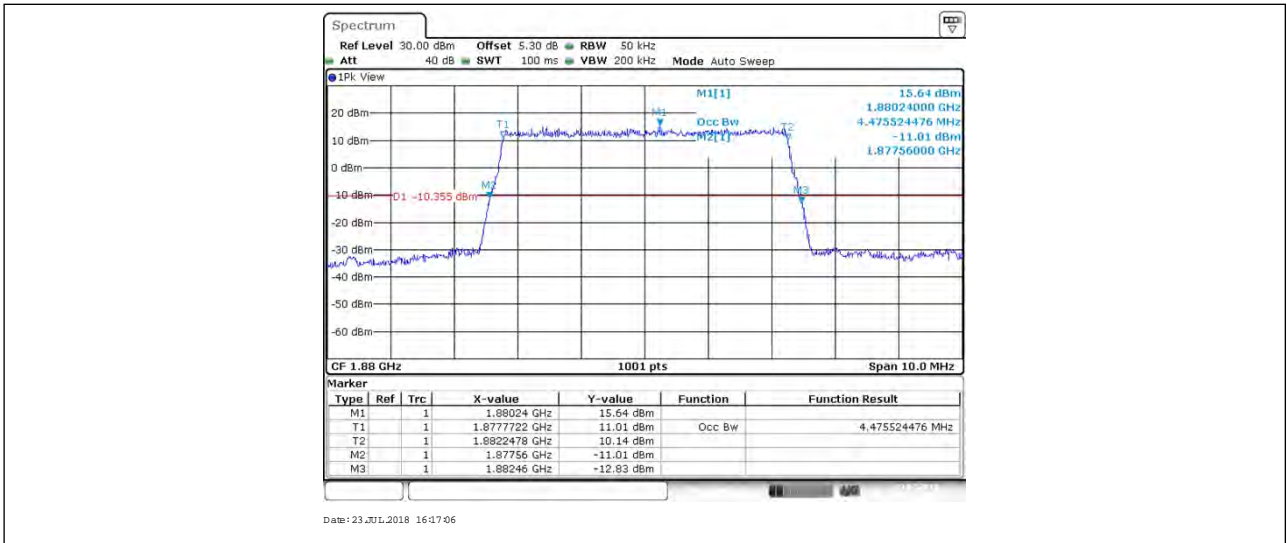
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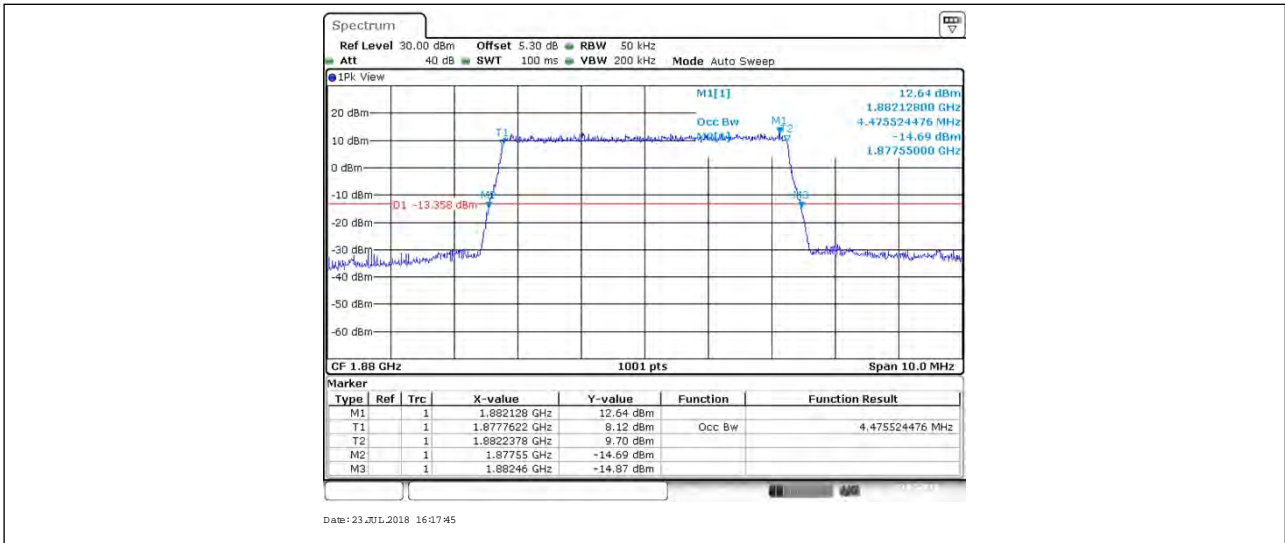


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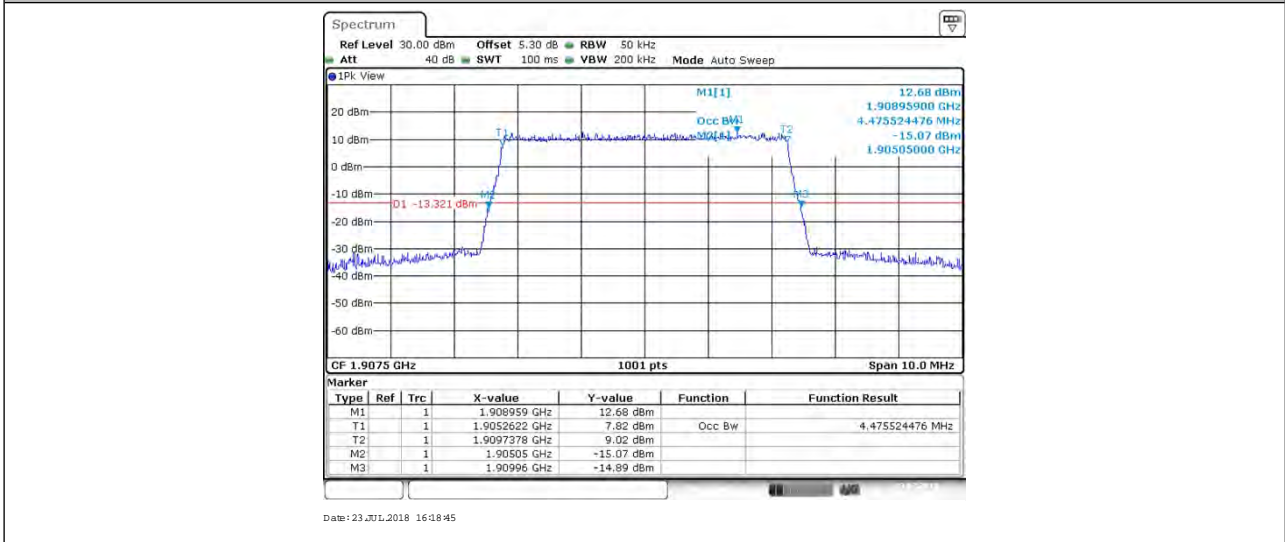


**BAND2\_5MHz\_QPSK\_18900\_25RB#0**

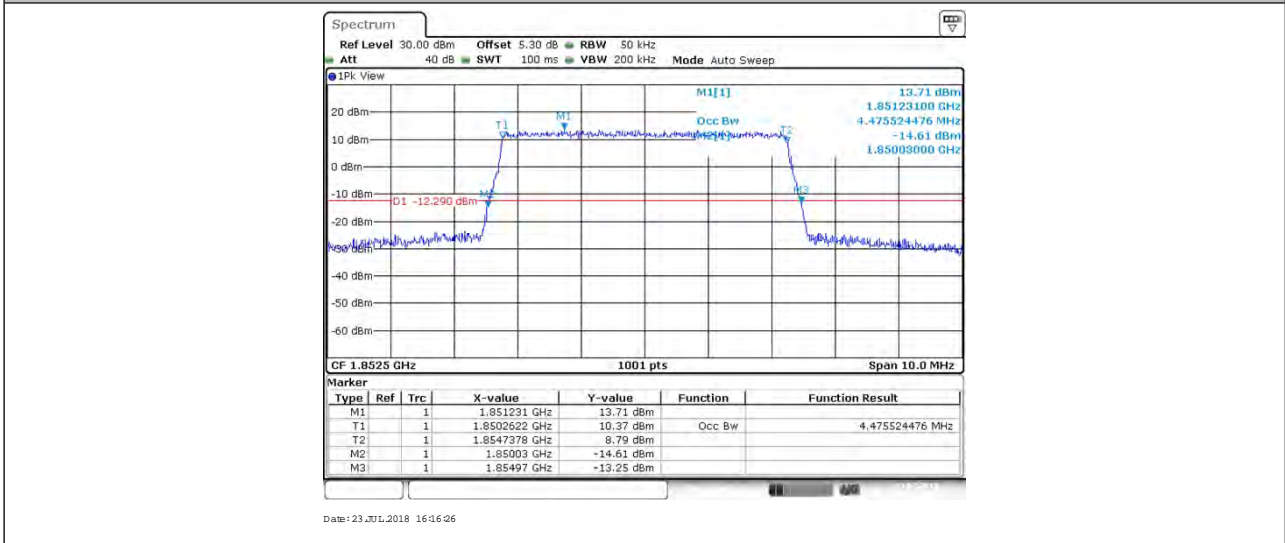




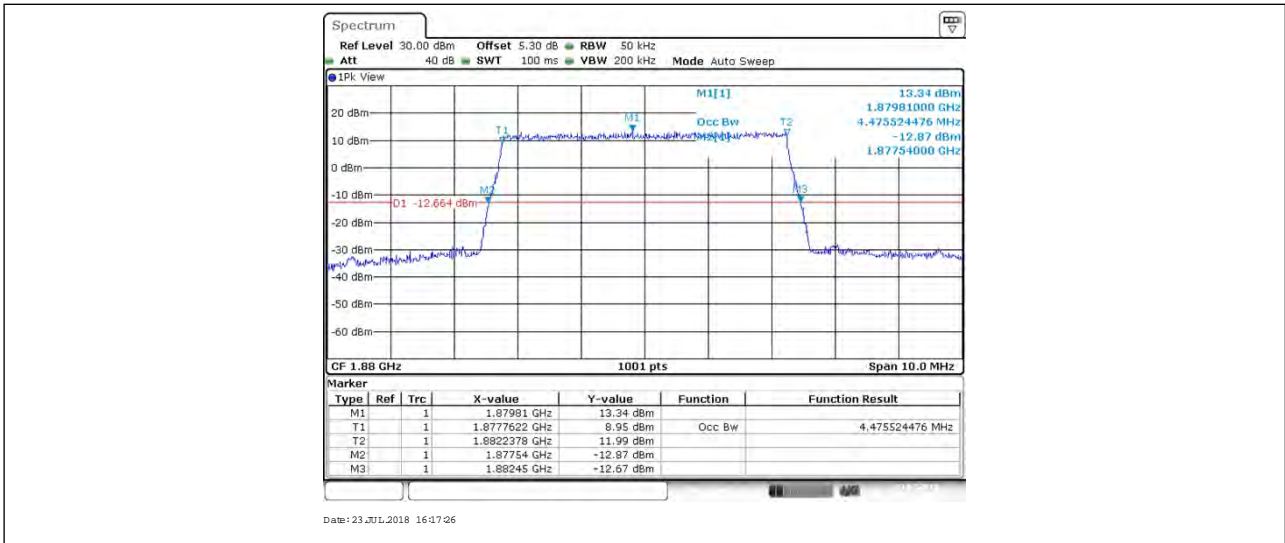
**BAND2\_5MHz\_64QAM\_19175\_25RB#**



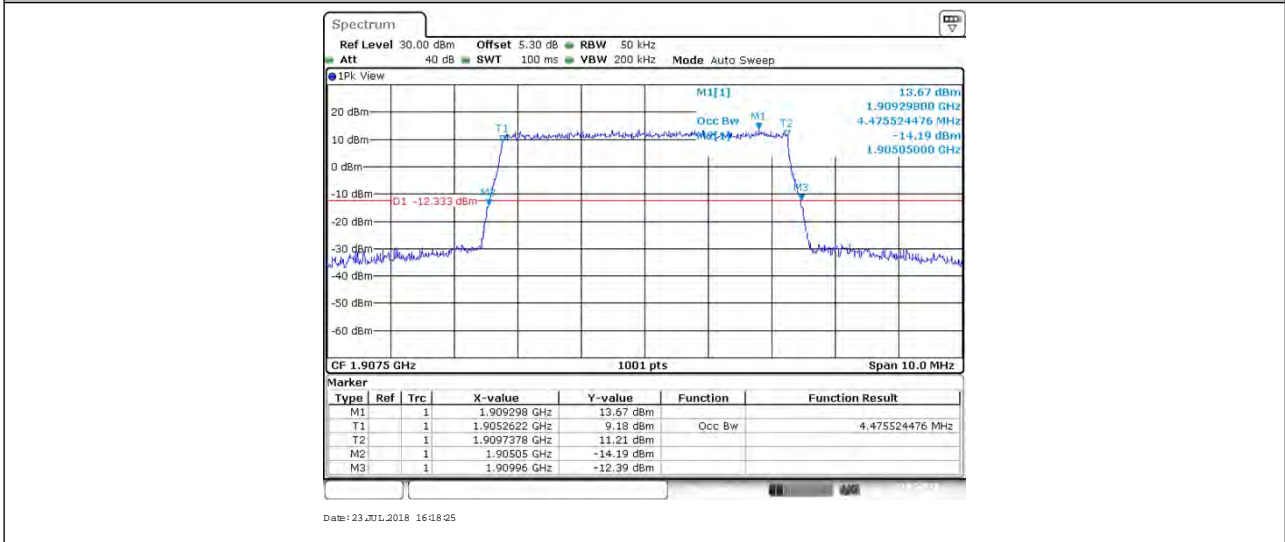
**BAND2\_5MHz\_16QAM\_18625\_25RB#**



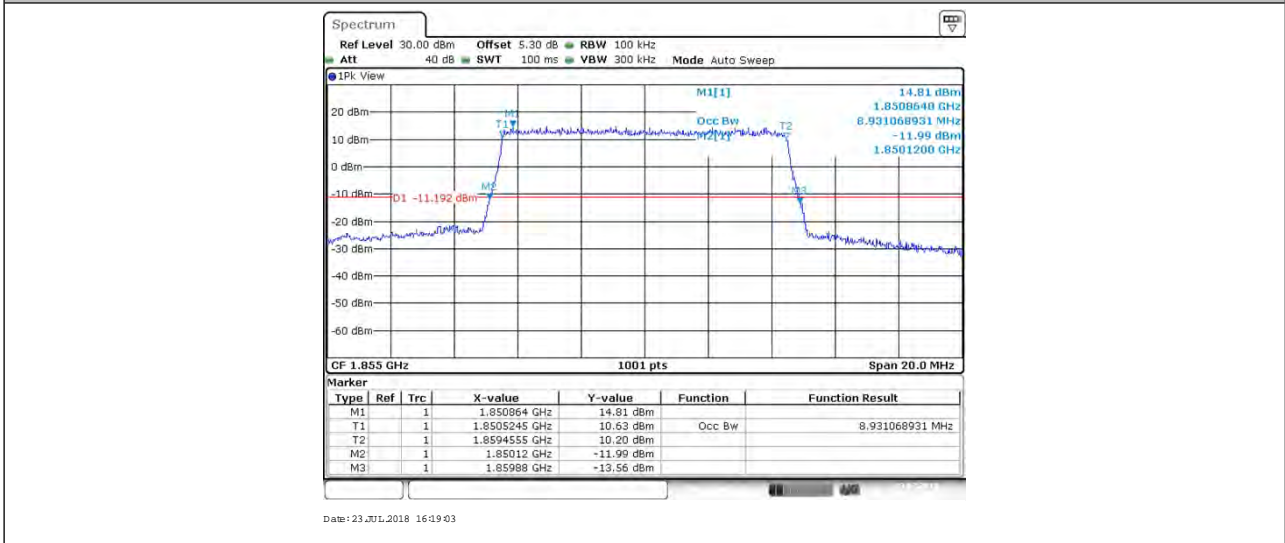
**BAND2\_5MHz\_16QAM\_18900\_25RB#**



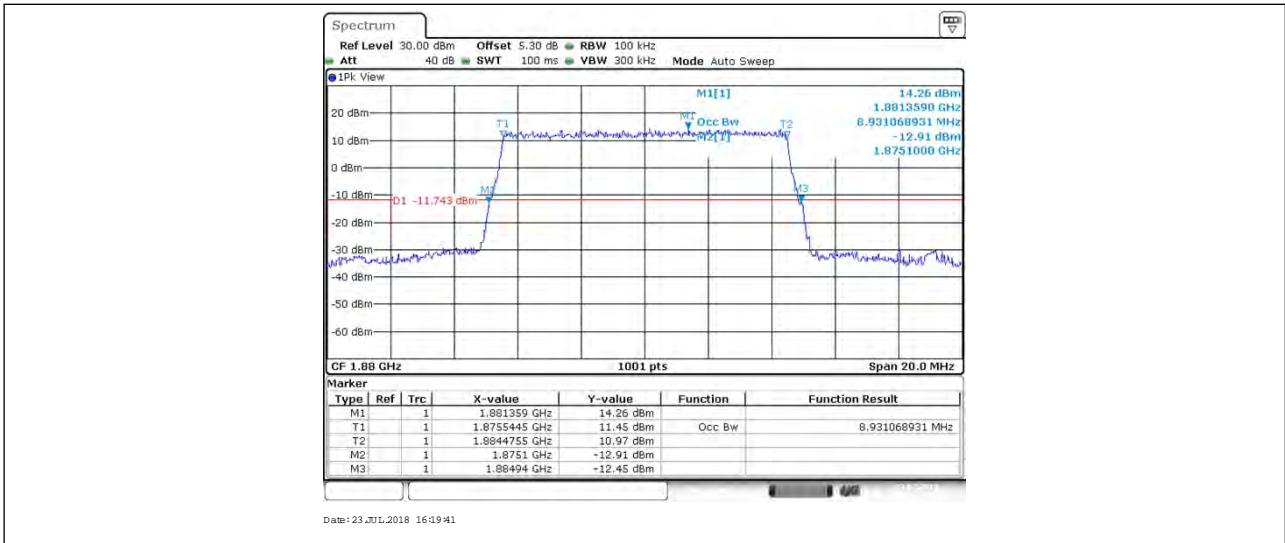
**BAND2\_5MHz\_16QAM\_19175\_25RB#0**



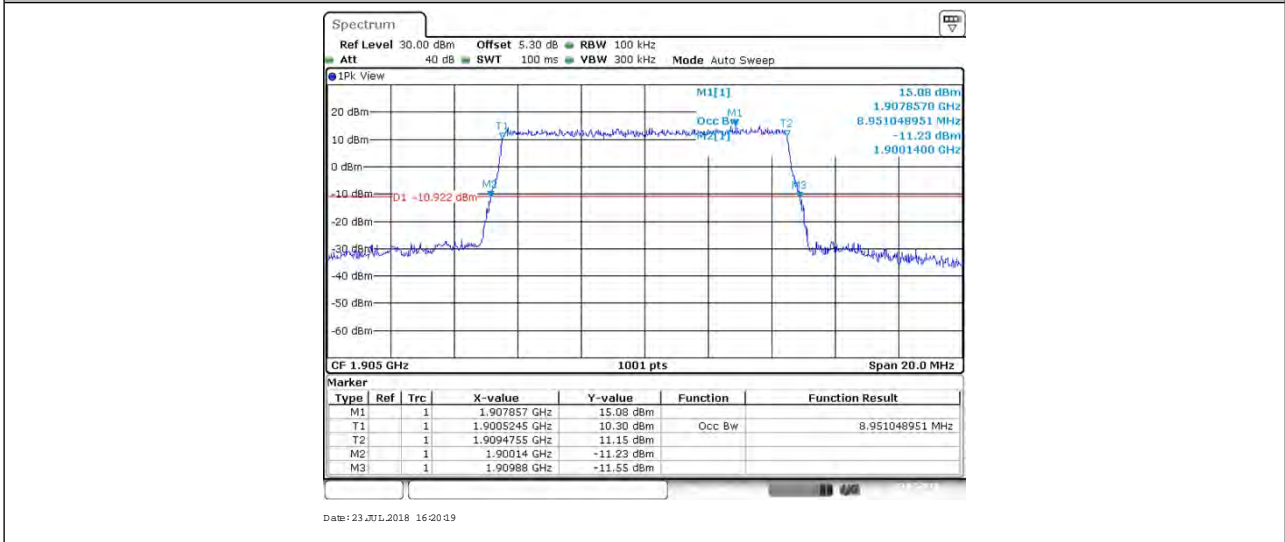
**BAND2\_10MHz\_QPSK\_18650\_50RB#0**



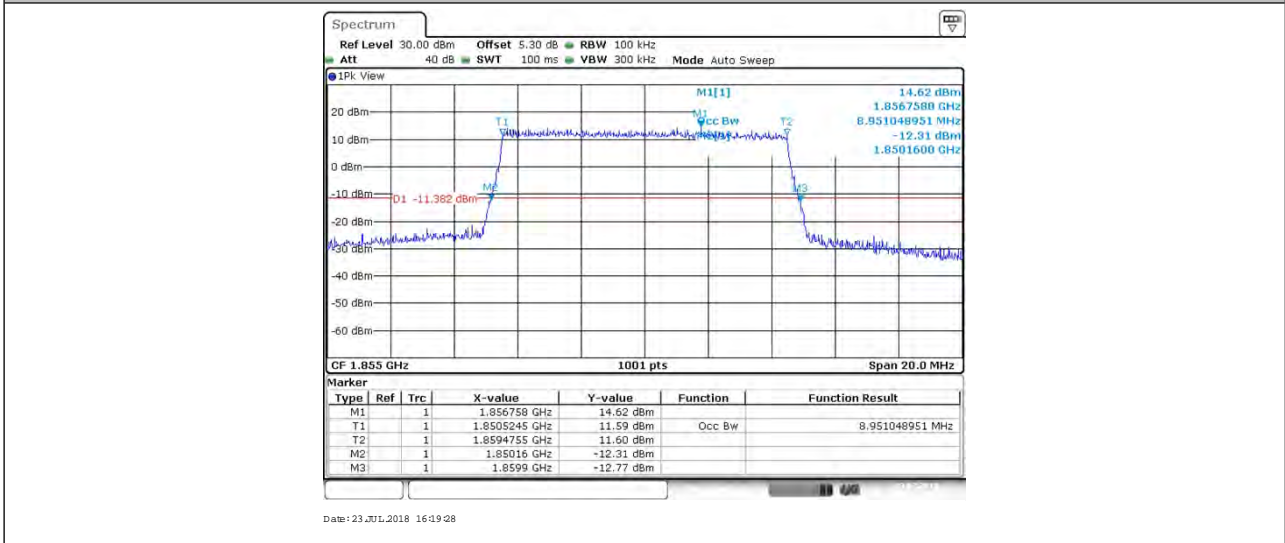
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**BAND2\_10MHz\_QPSK\_19150\_50RB#0**

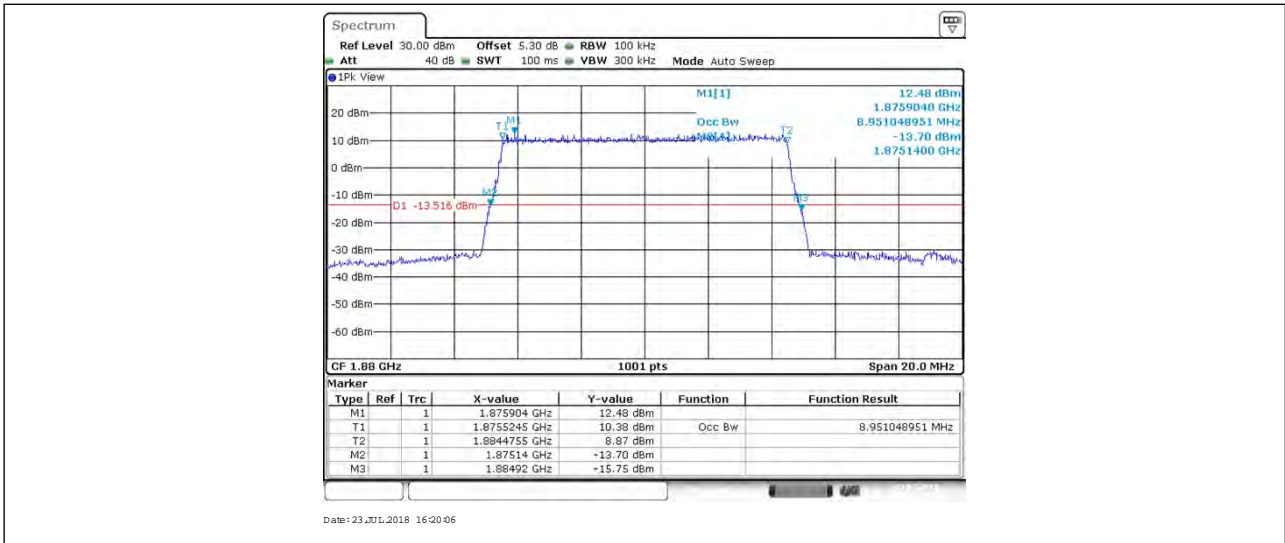


**BAND2\_10MHz\_64QAM\_18650\_50RB#0**

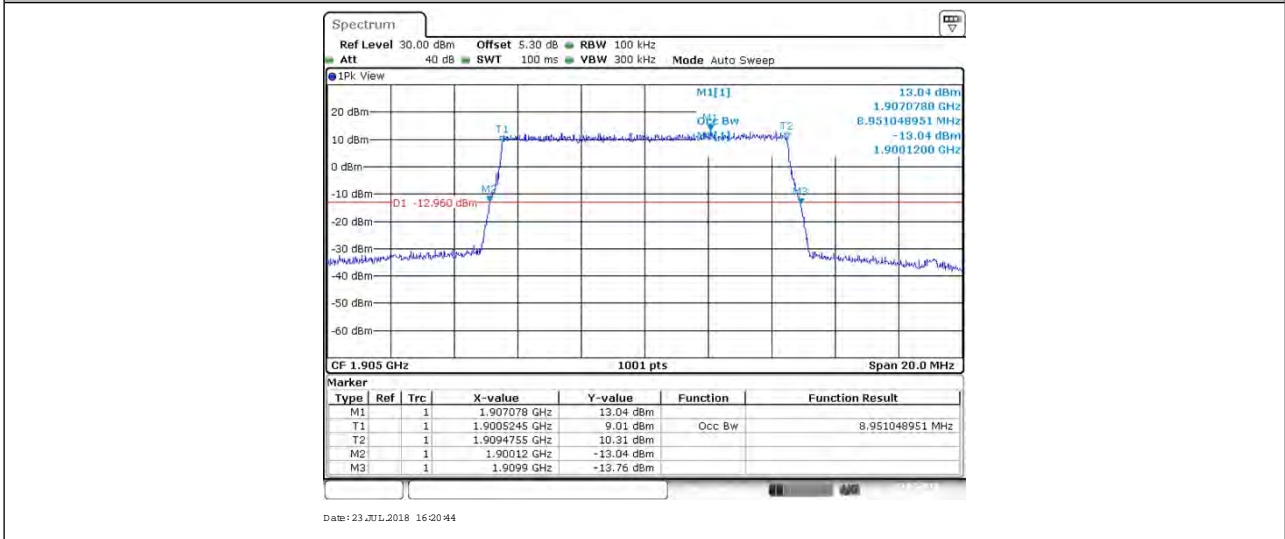


**BAND2\_10MHz\_64QAM\_18900\_50RB#0**

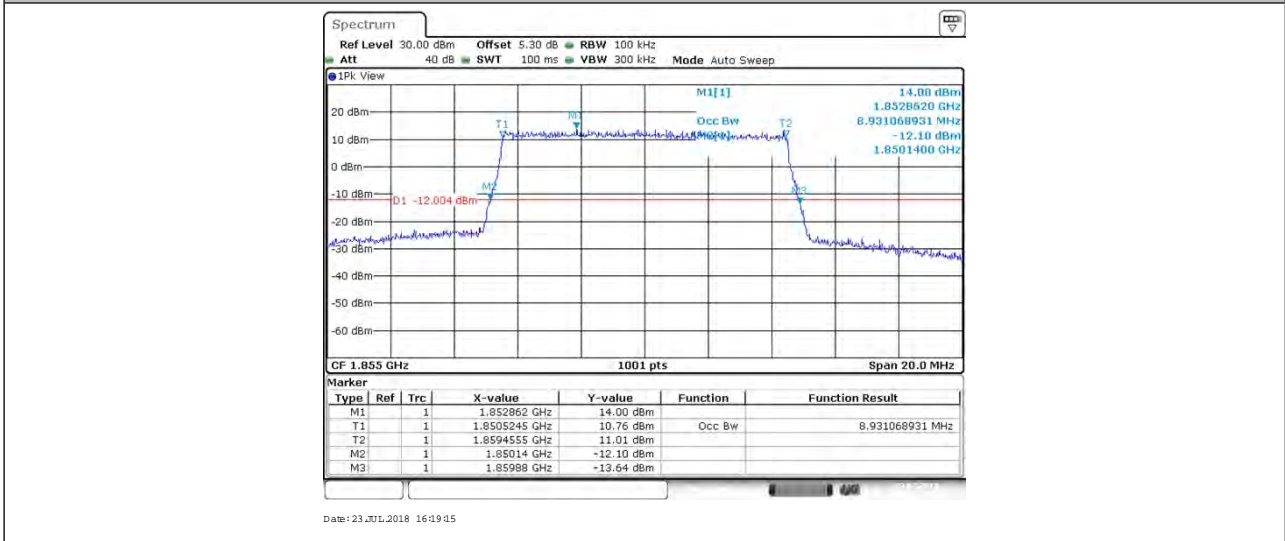




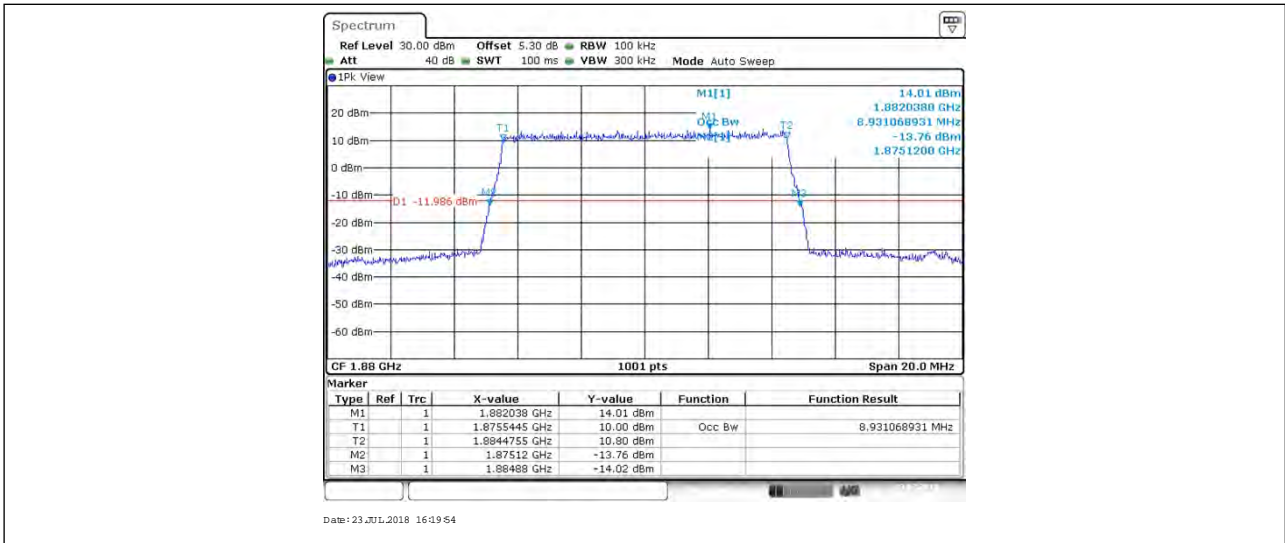
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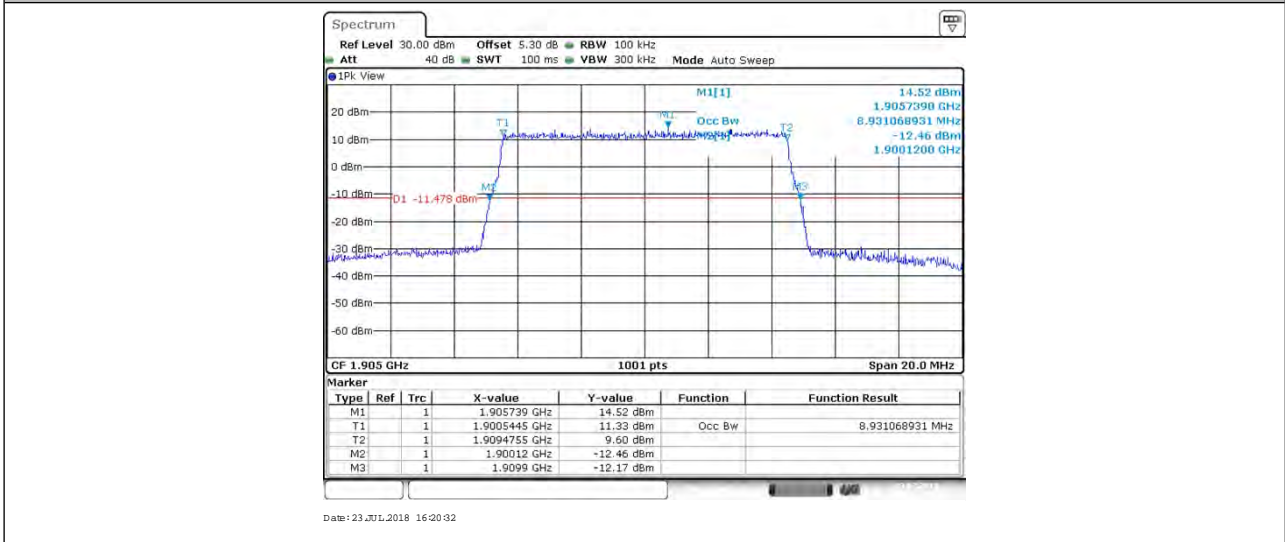
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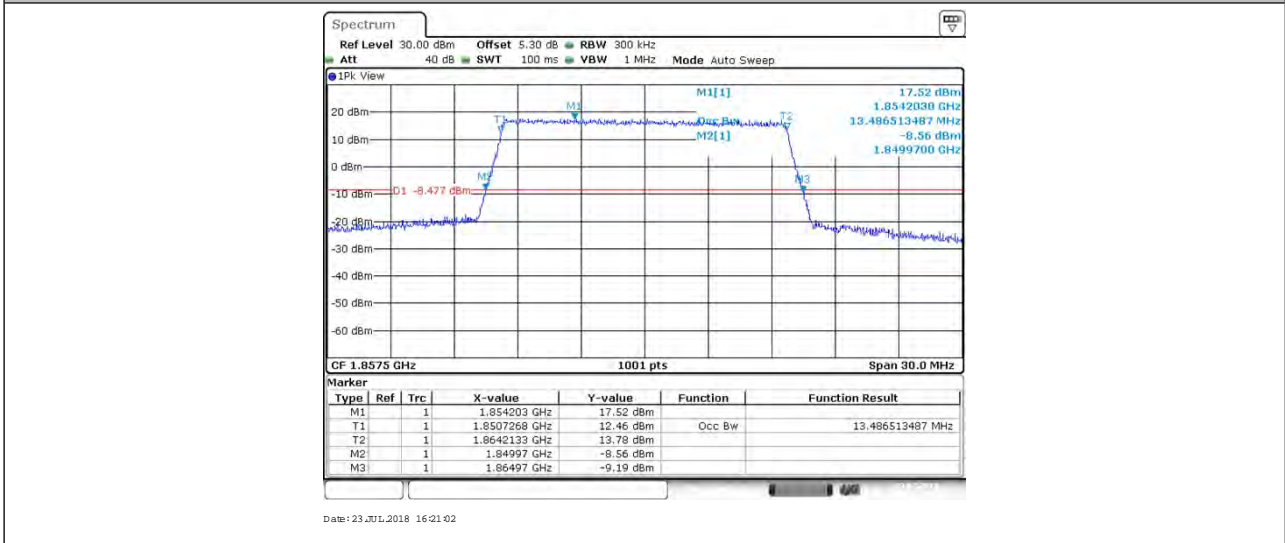
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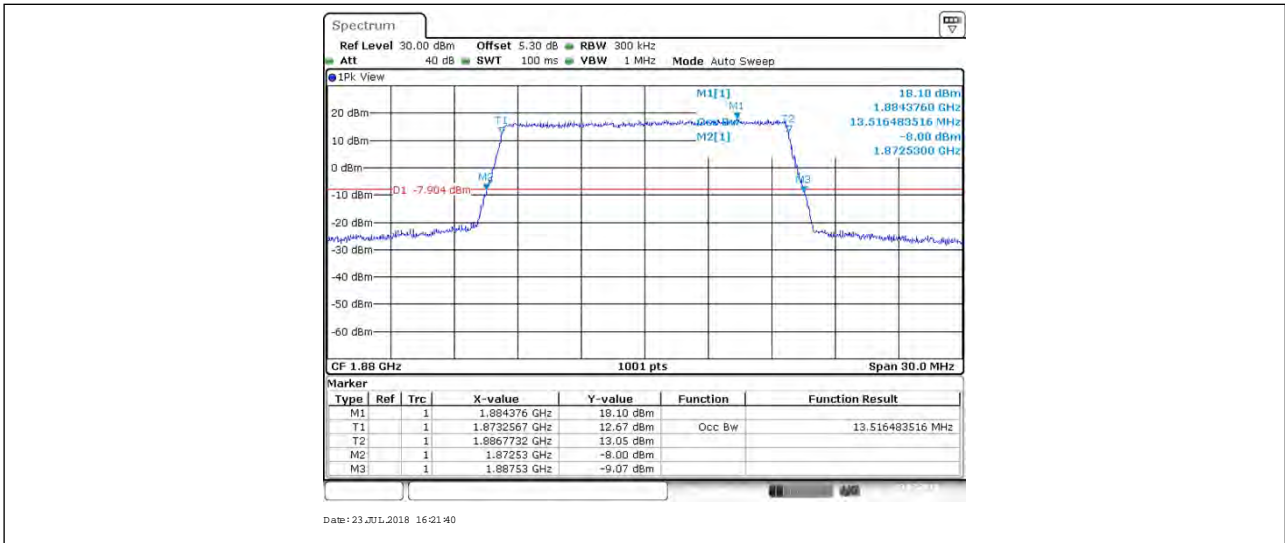
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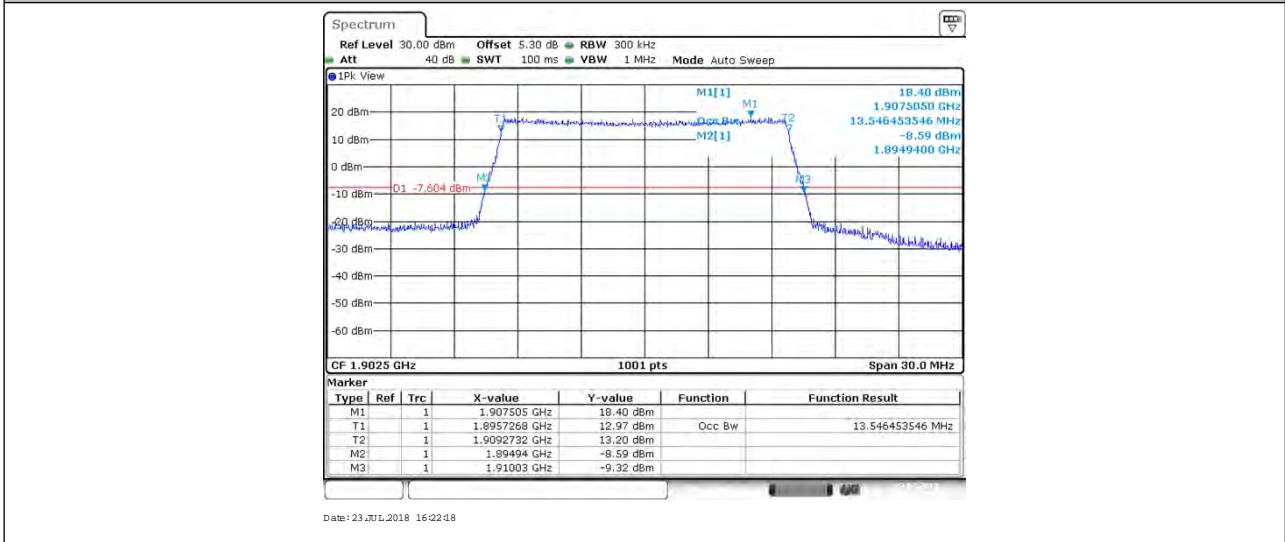
**BAND2\_15MHz\_QPSK\_18675\_75RB#0**



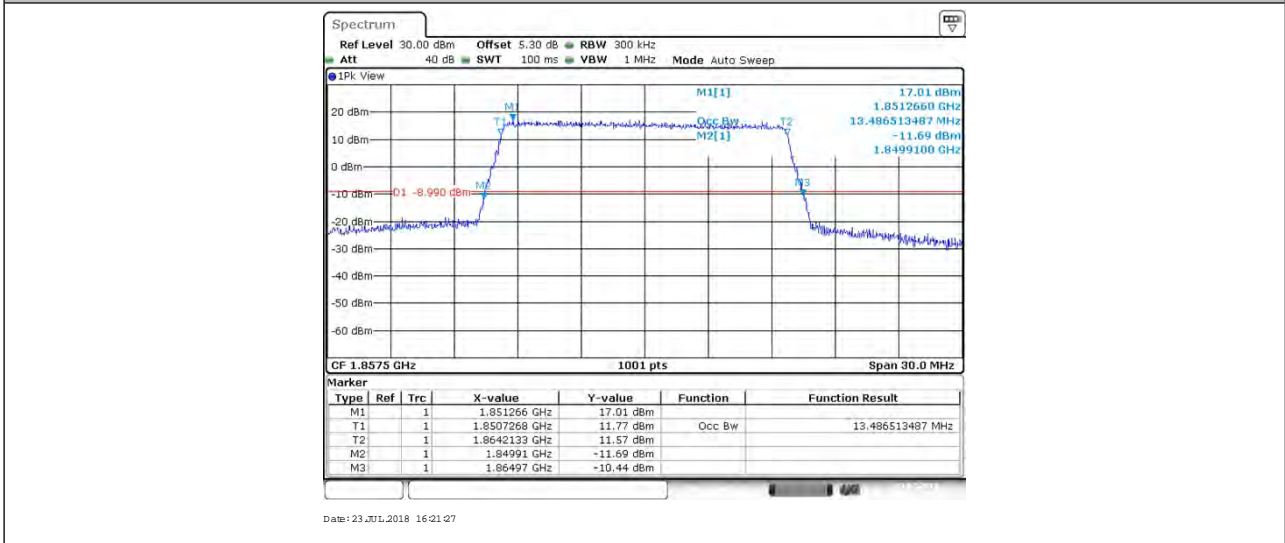
**BAND2\_15MHz\_QPSK\_18900\_75RB#0**



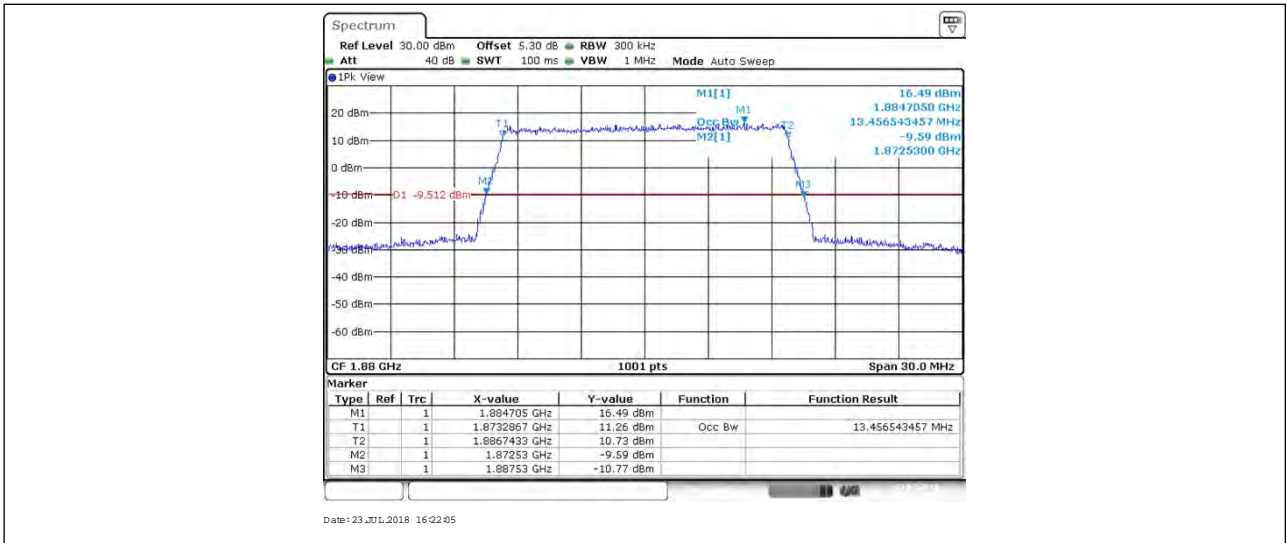
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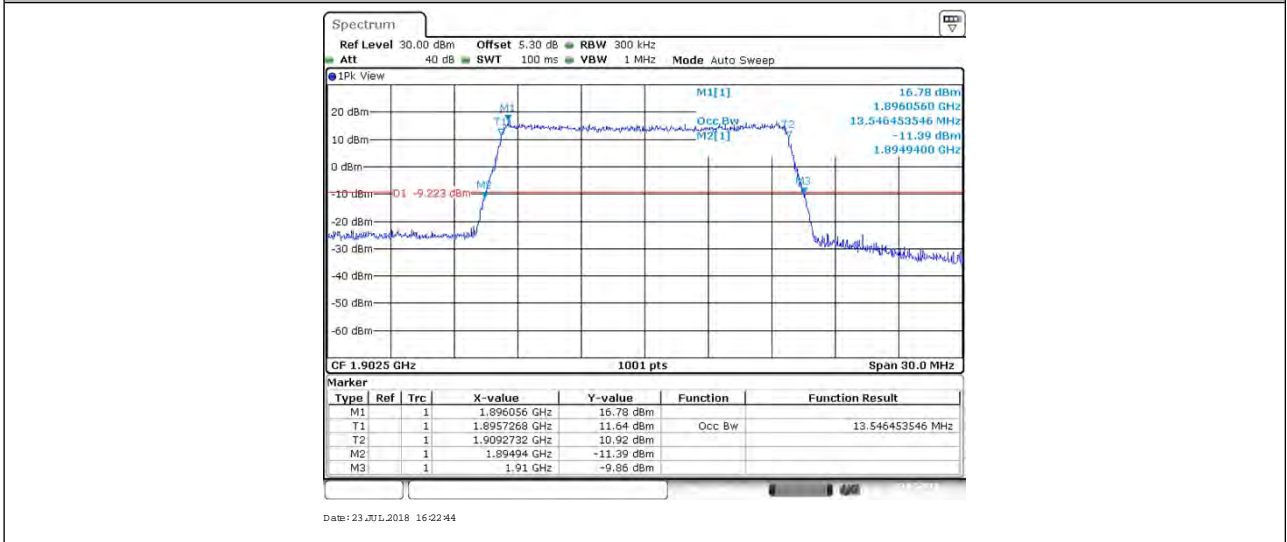
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**BAND2\_15MHz\_64QAM\_18900\_75RB#0**



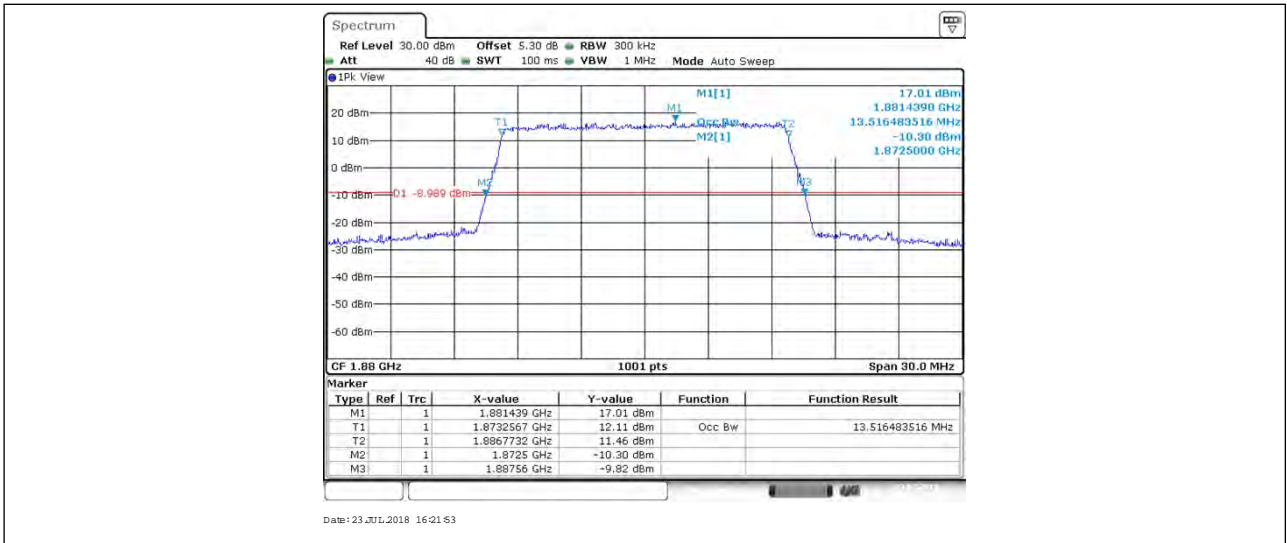
**BAND2\_15MHz\_64QAM\_19125\_75RB#0**



**BAND2\_15MHz\_16QAM\_18675\_75RB#0**



**BAND2\_15MHz\_16QAM\_18900\_75RB#0**



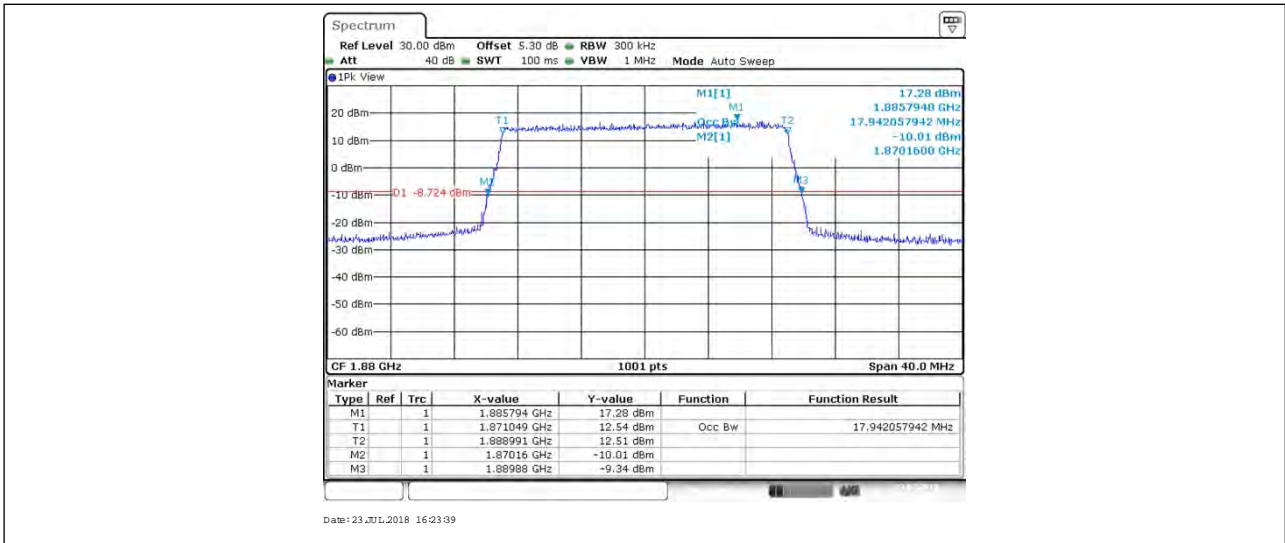
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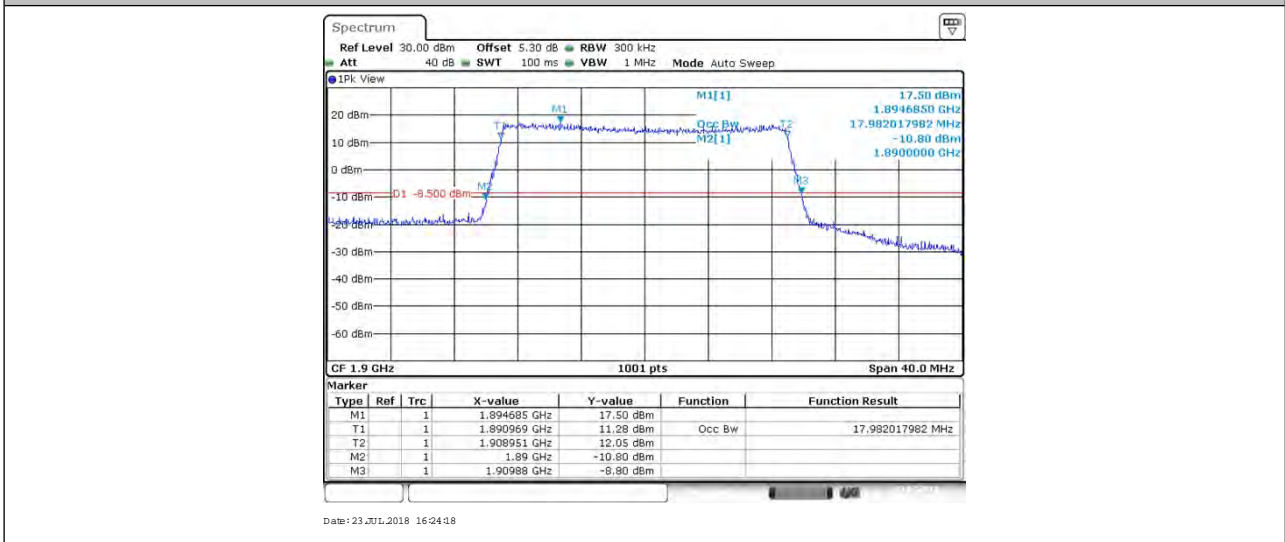
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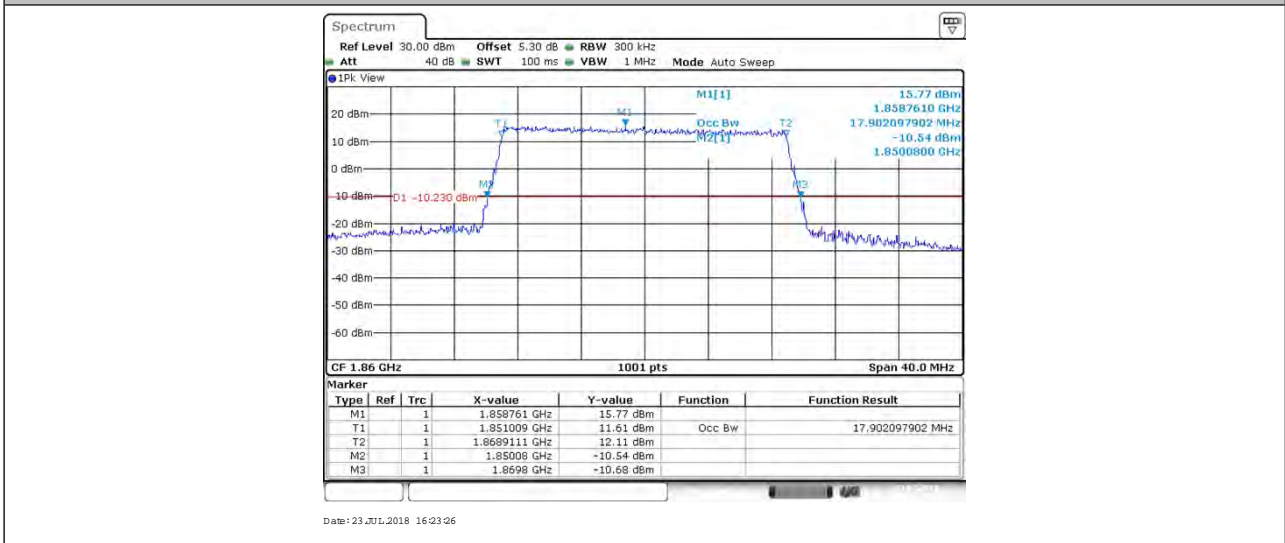
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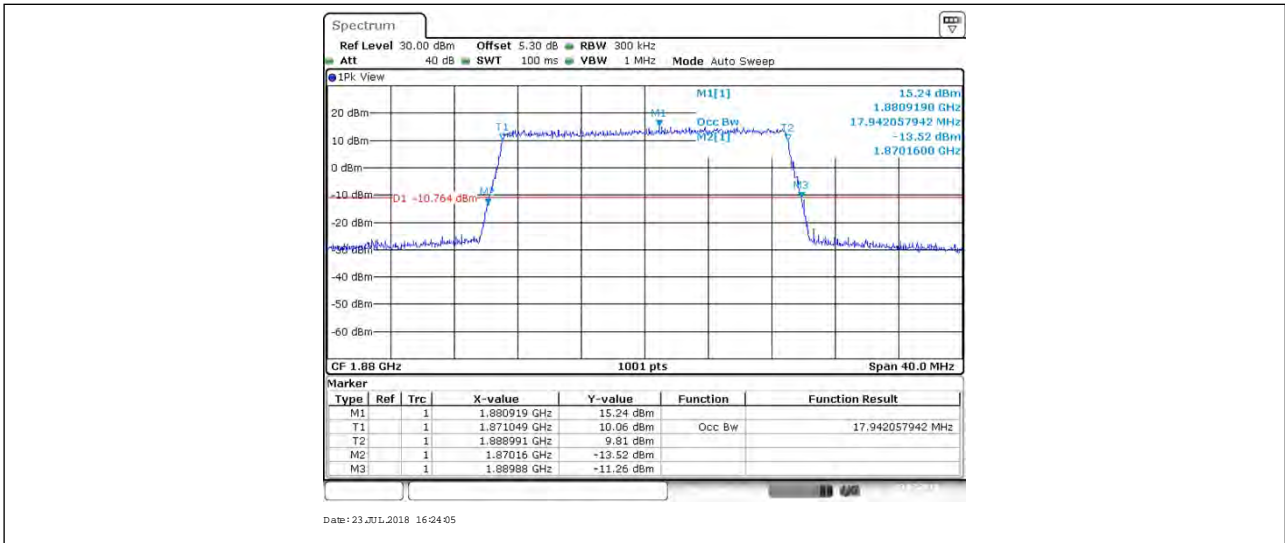
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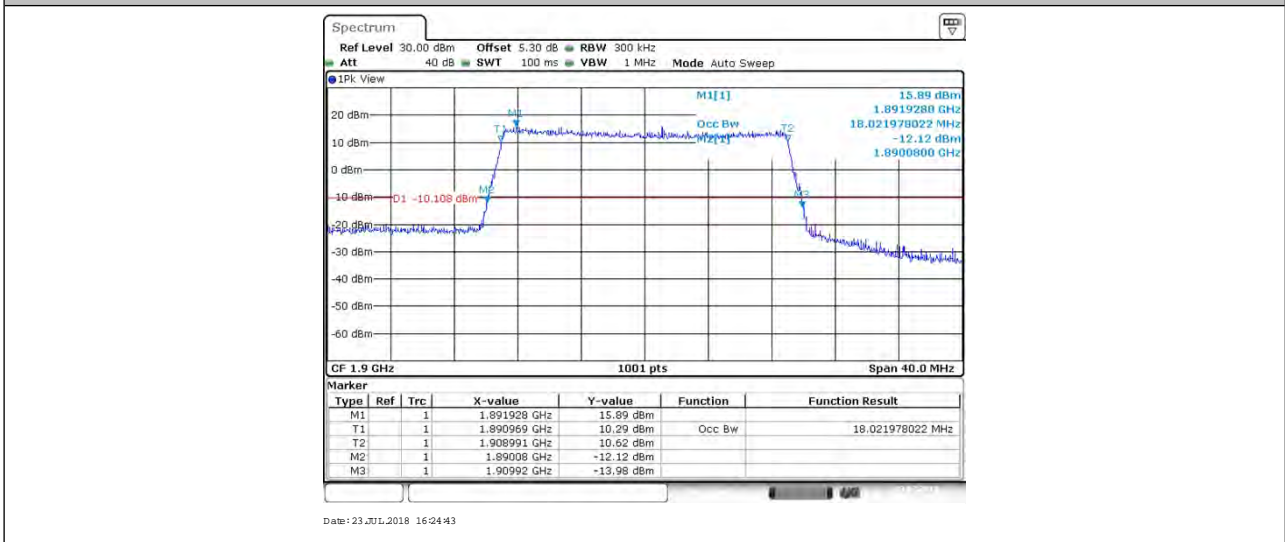
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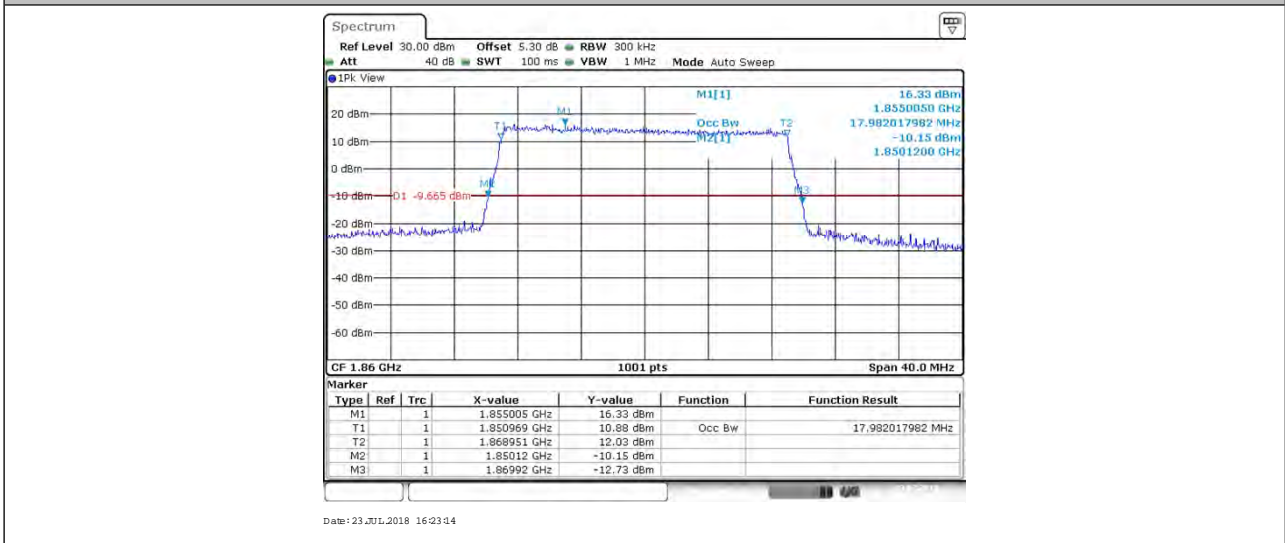
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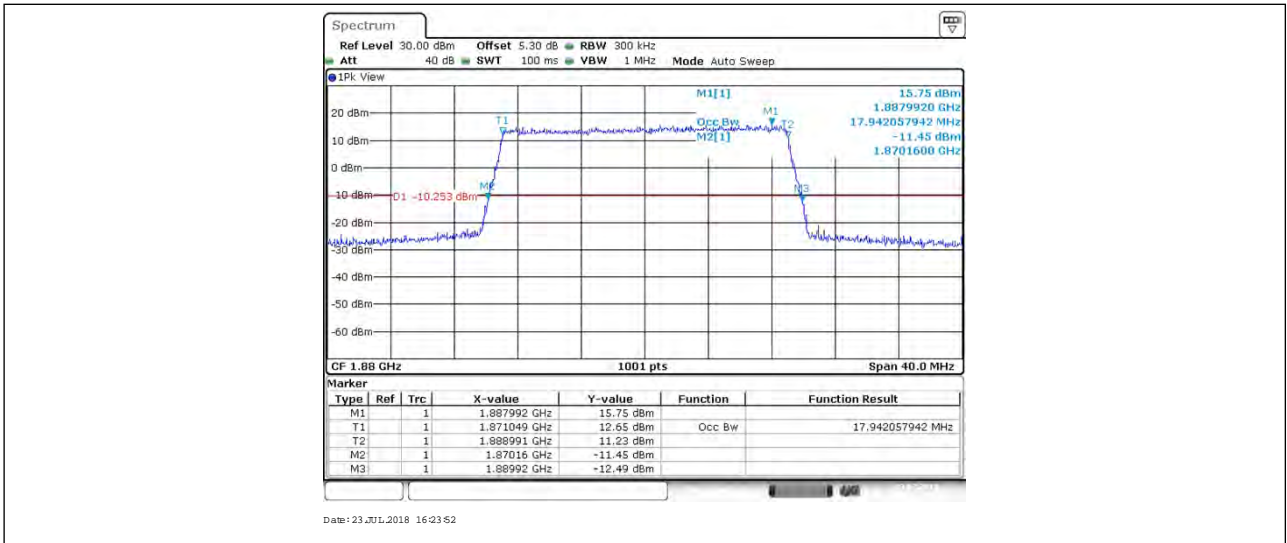
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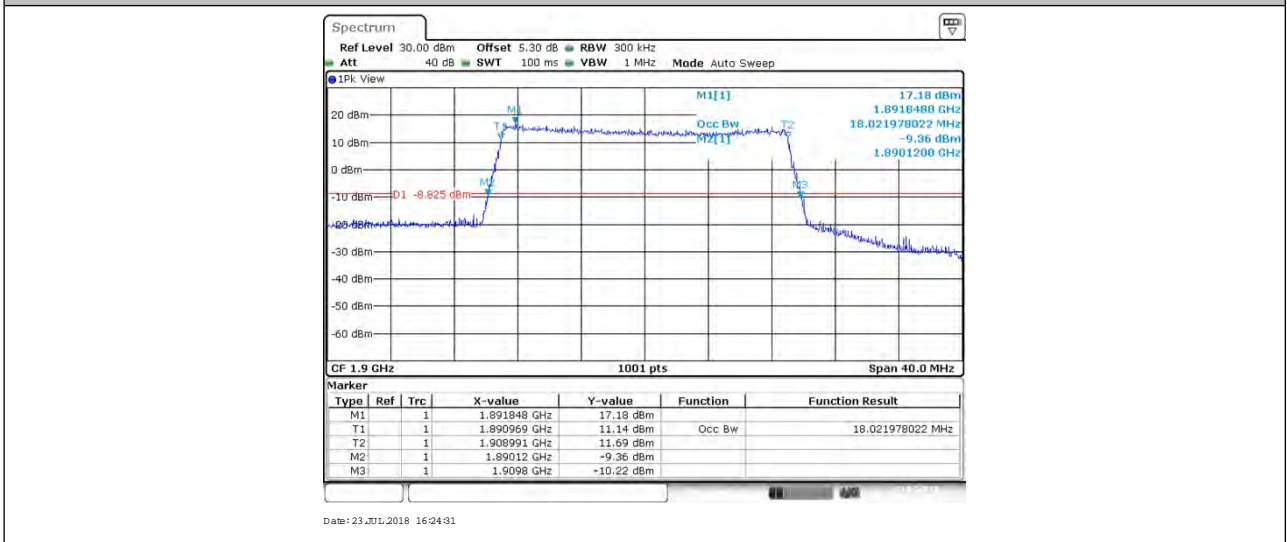
**BAND2\_20MHz\_16QAM\_18700\_100RB#0**



**BAND2\_20MHz\_16QAM\_18900\_100RB#0**



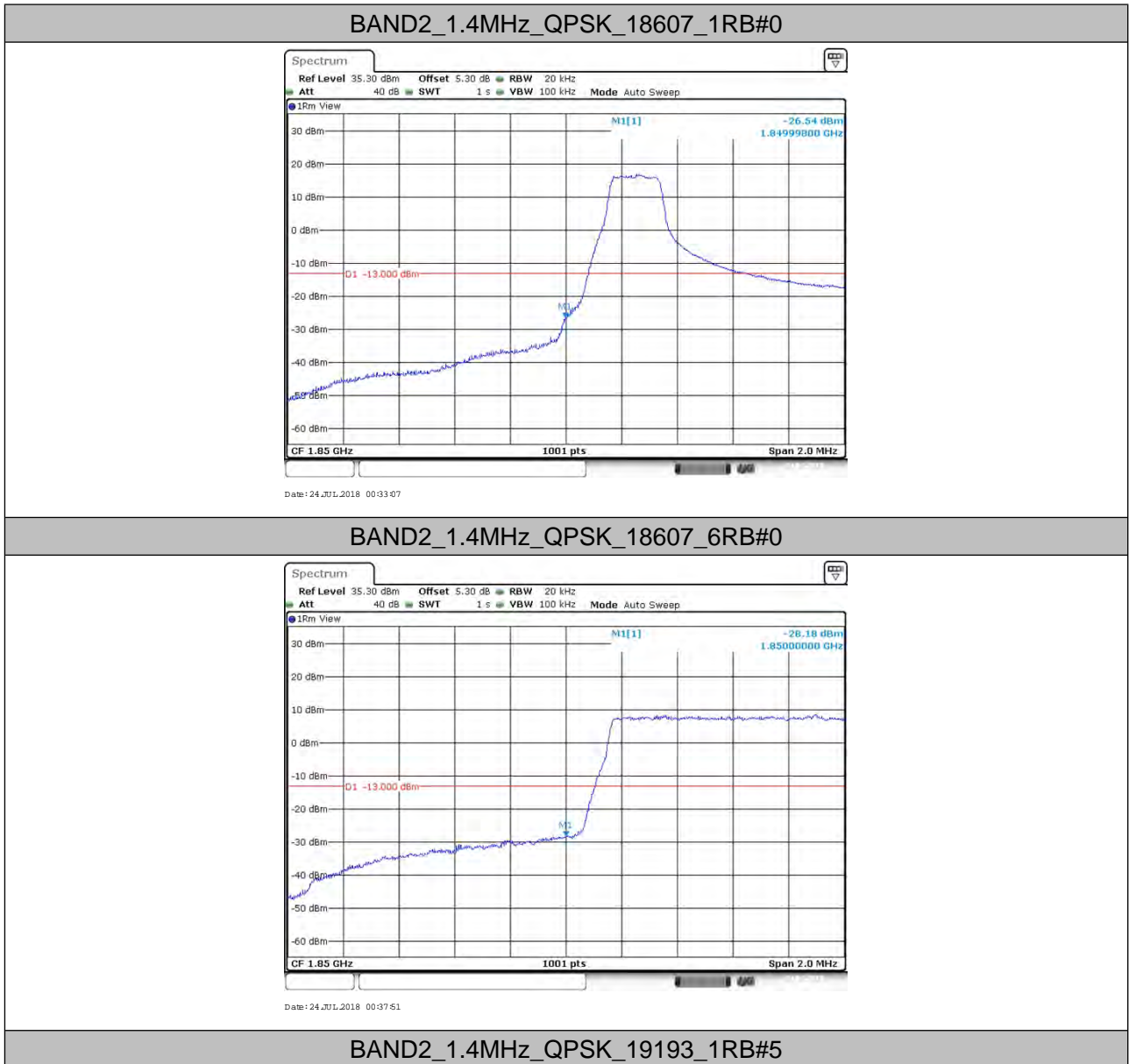
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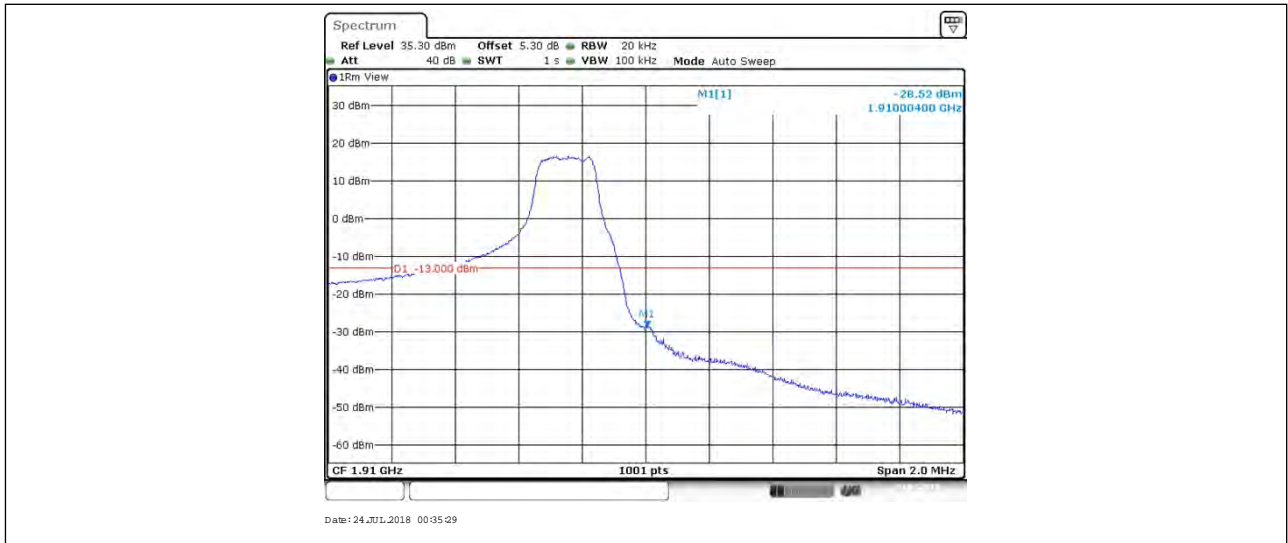




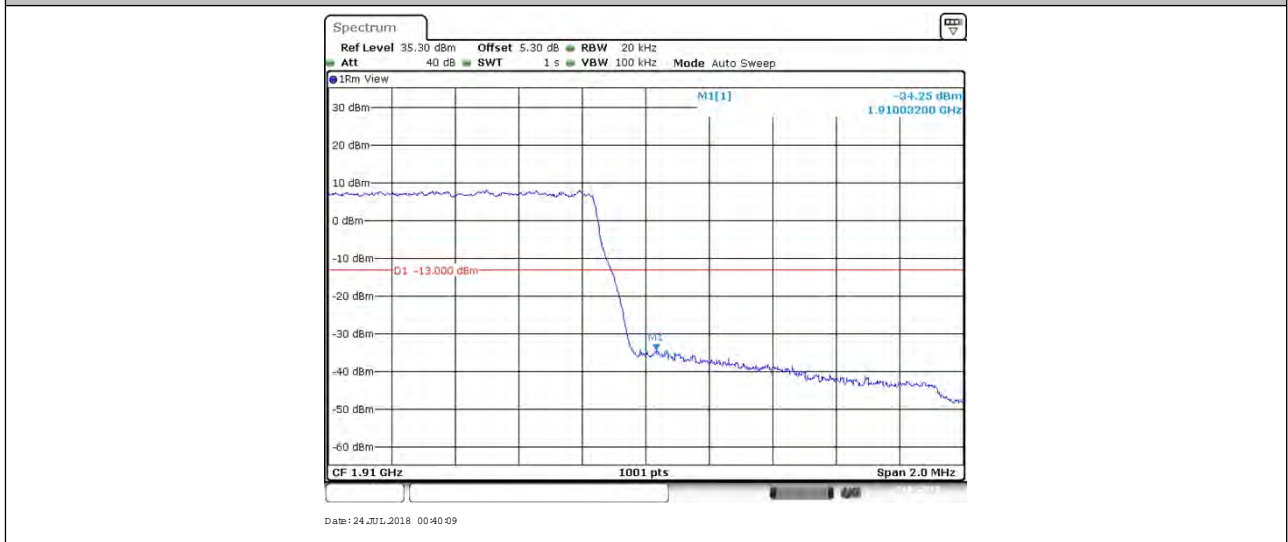
## 5. Band Edge Compliance

### 5.1. Test Plots





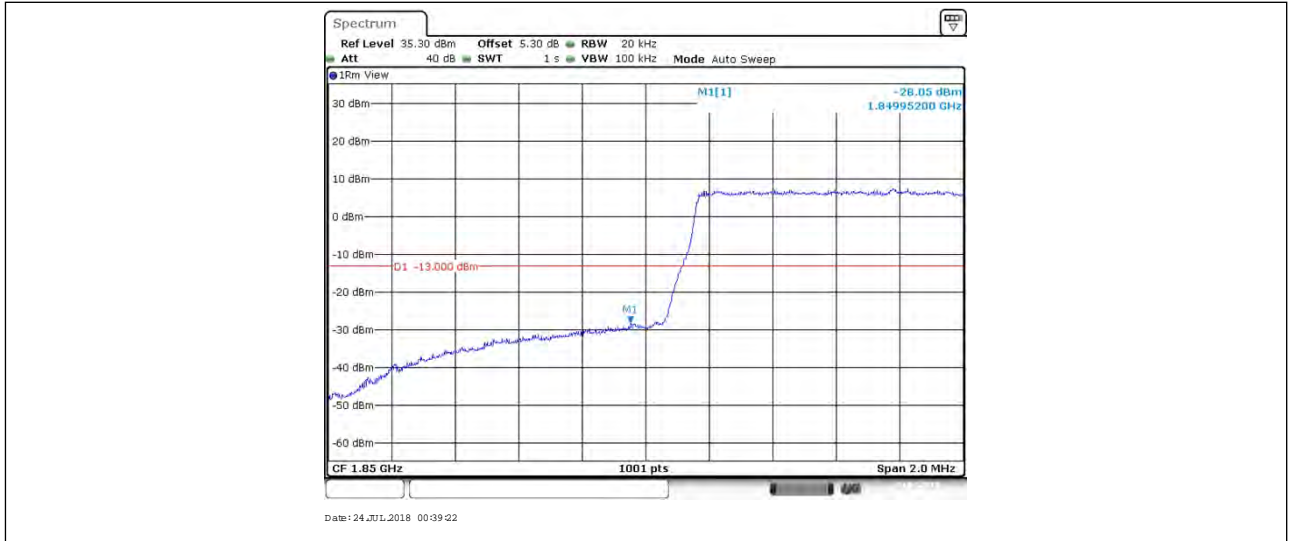
BAND2\_1.4MHz\_QPSK\_19193\_6RB#0



BAND2\_1.4MHz\_64QAM\_18607\_1RB#0



BAND2\_1.4MHz\_64QAM\_18607\_6RB#0



BAND2\_1.4MHz\_64QAM\_19193\_1RB#5



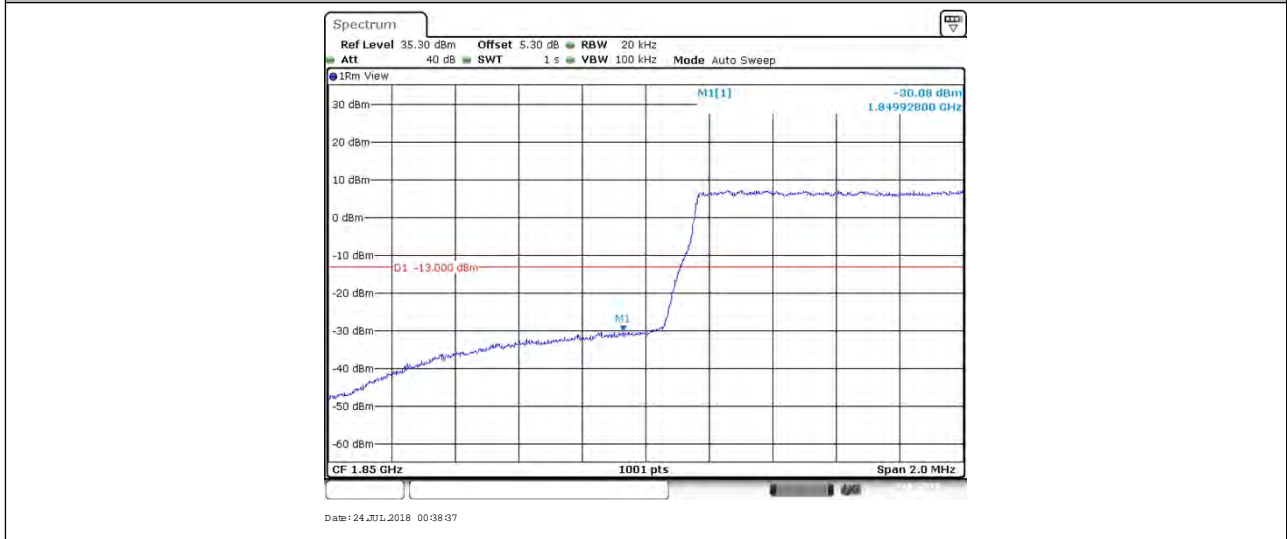
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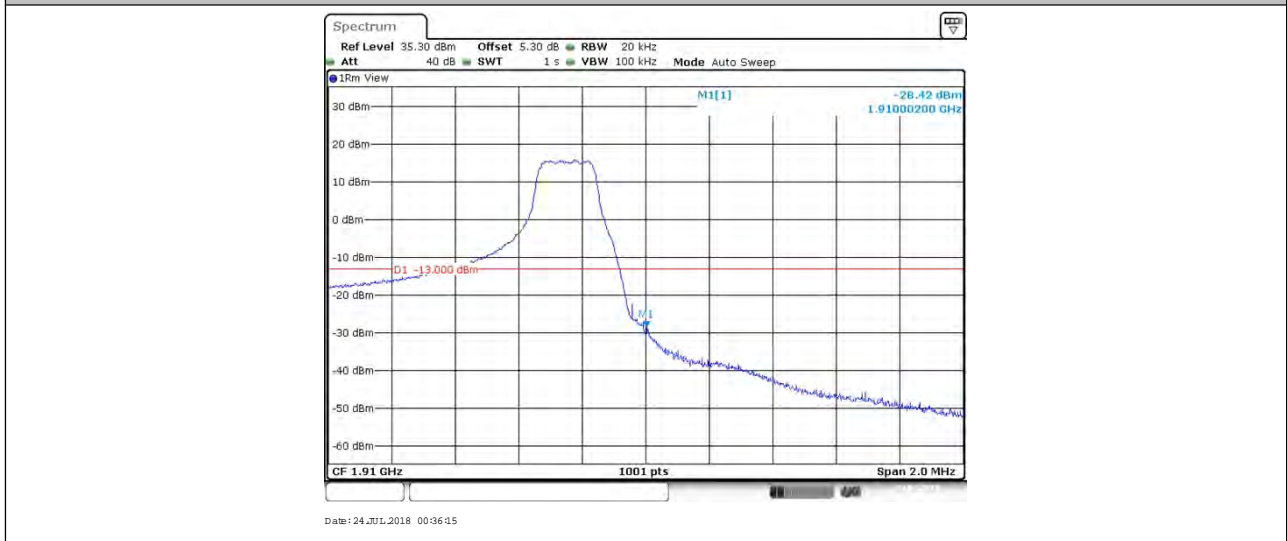
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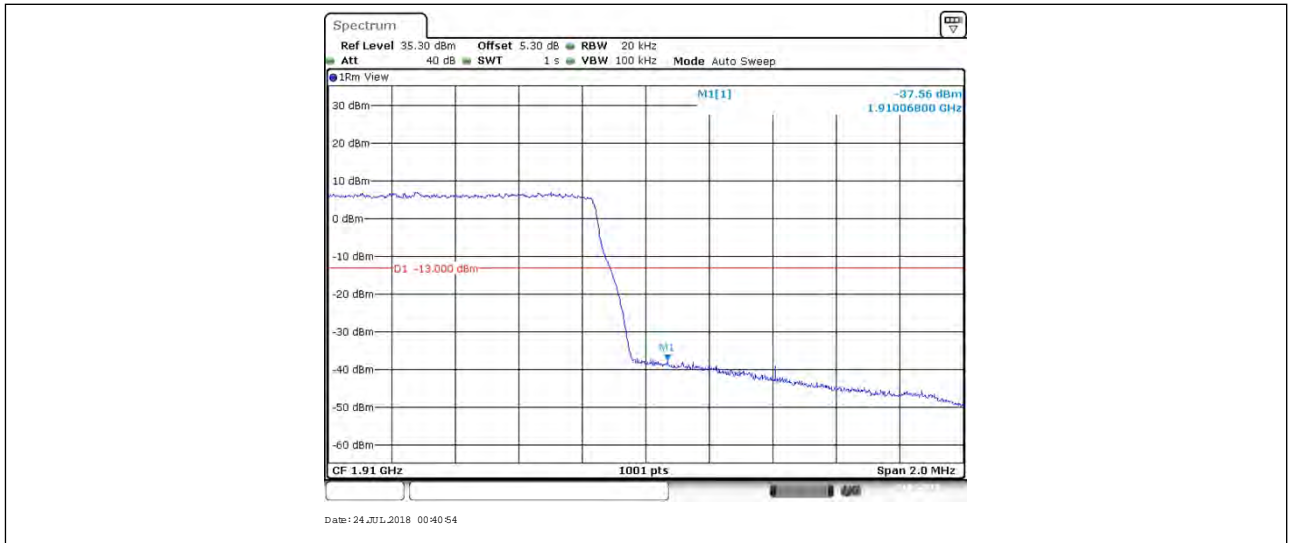
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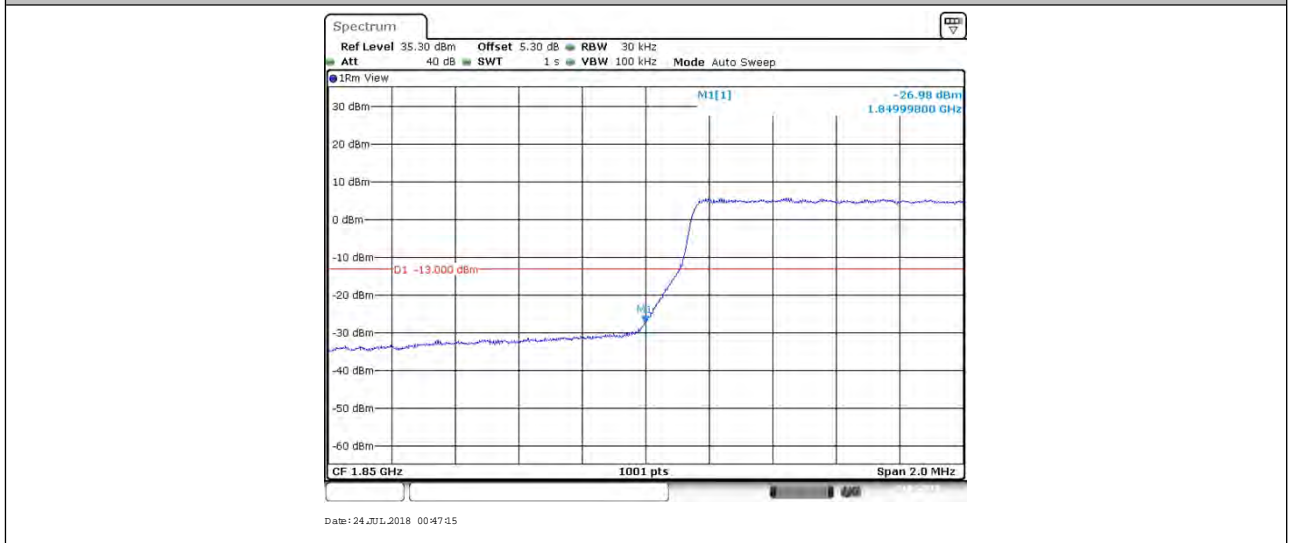
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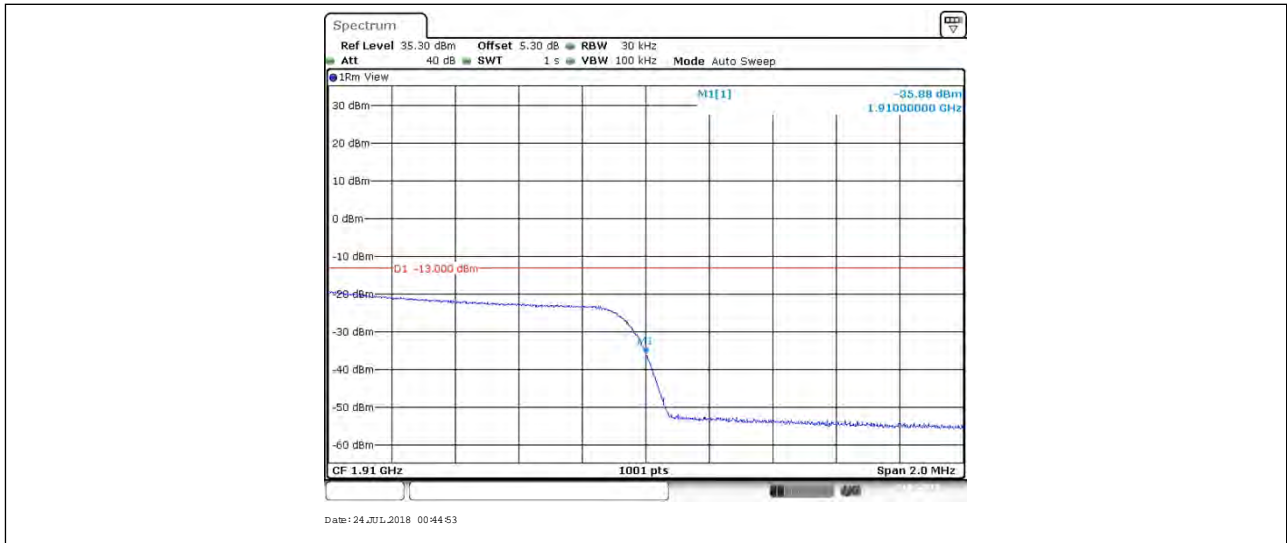
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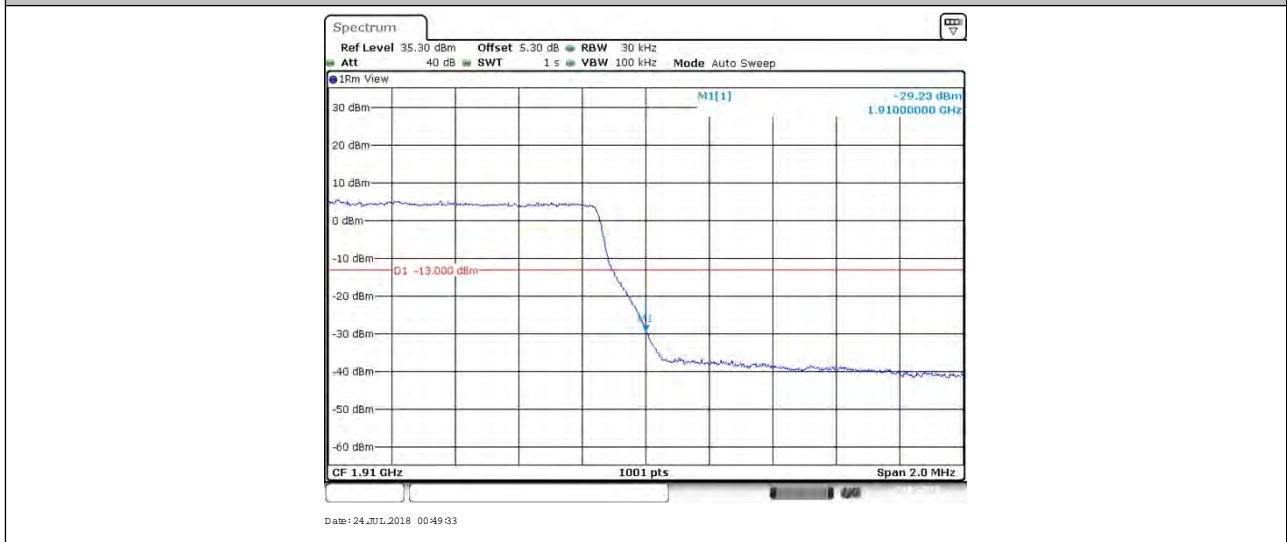
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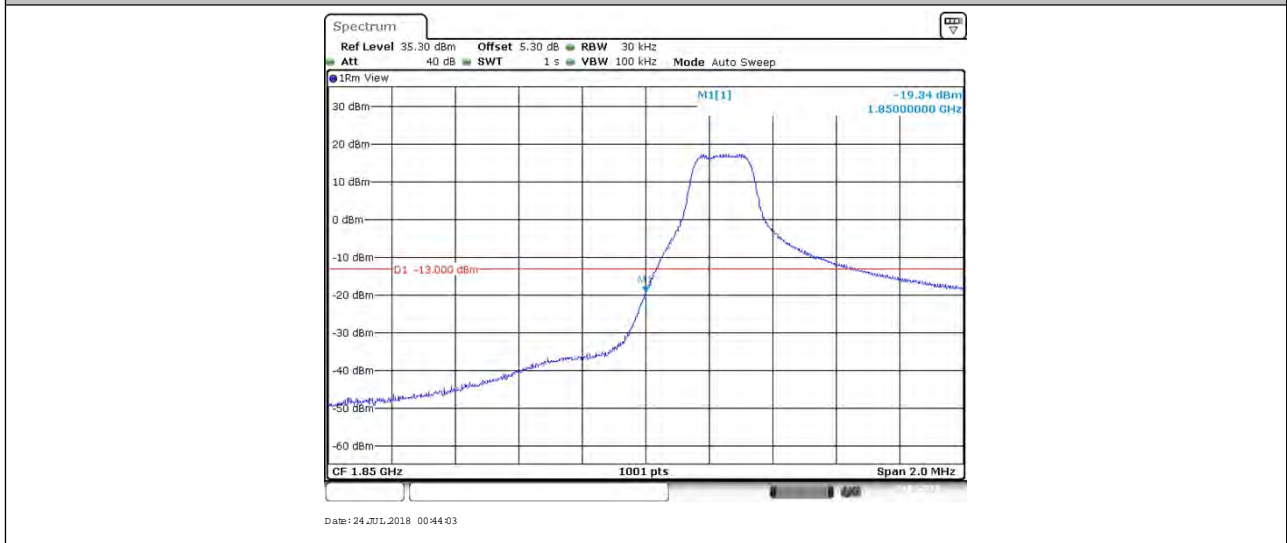
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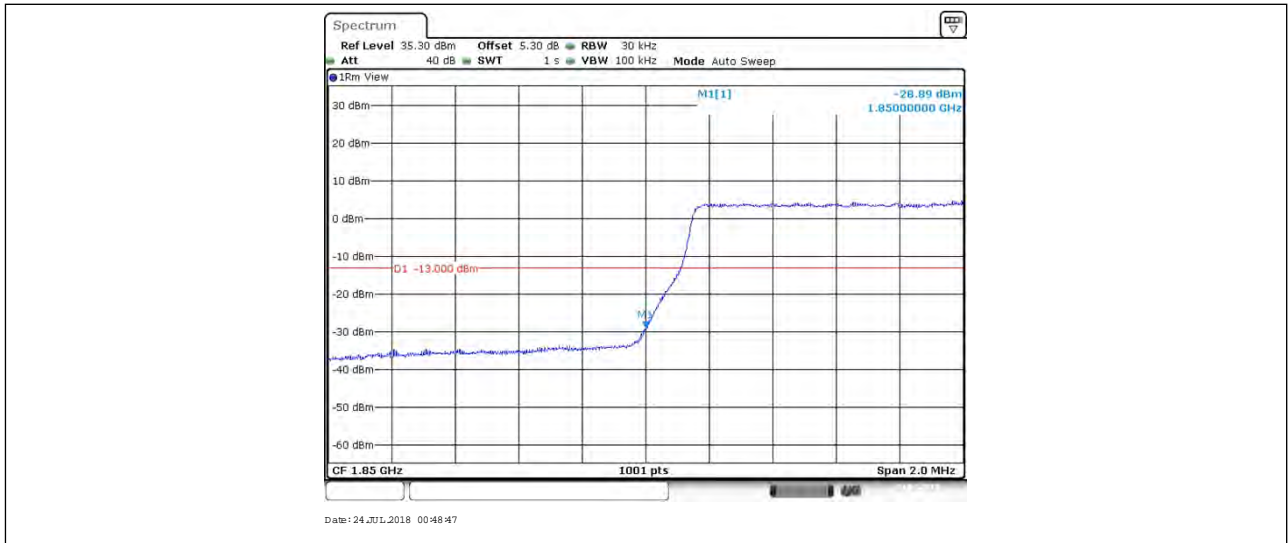
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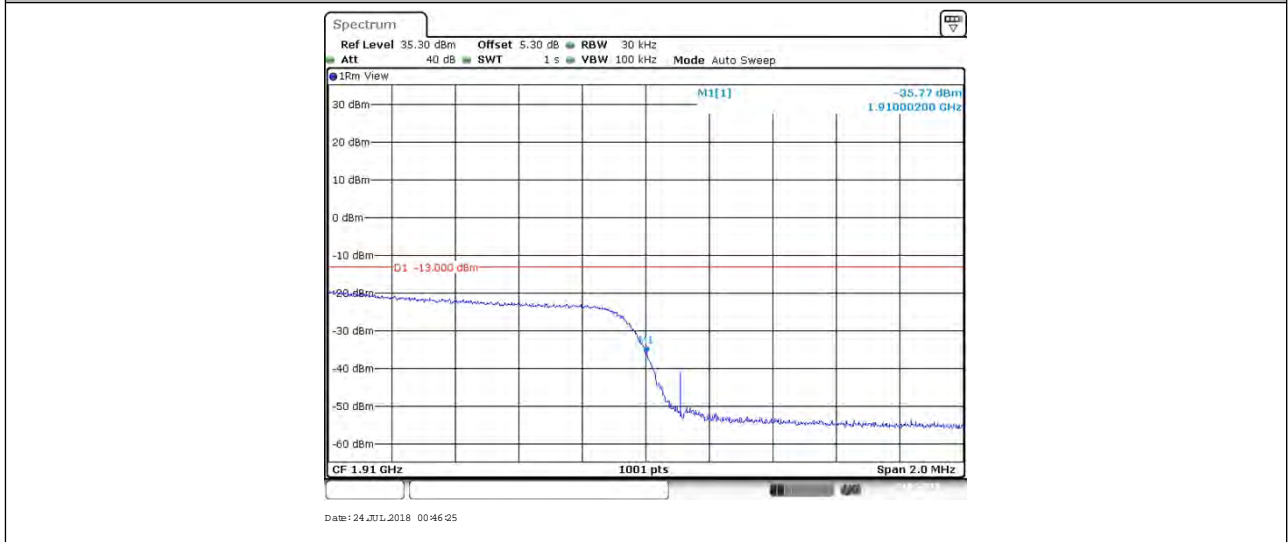
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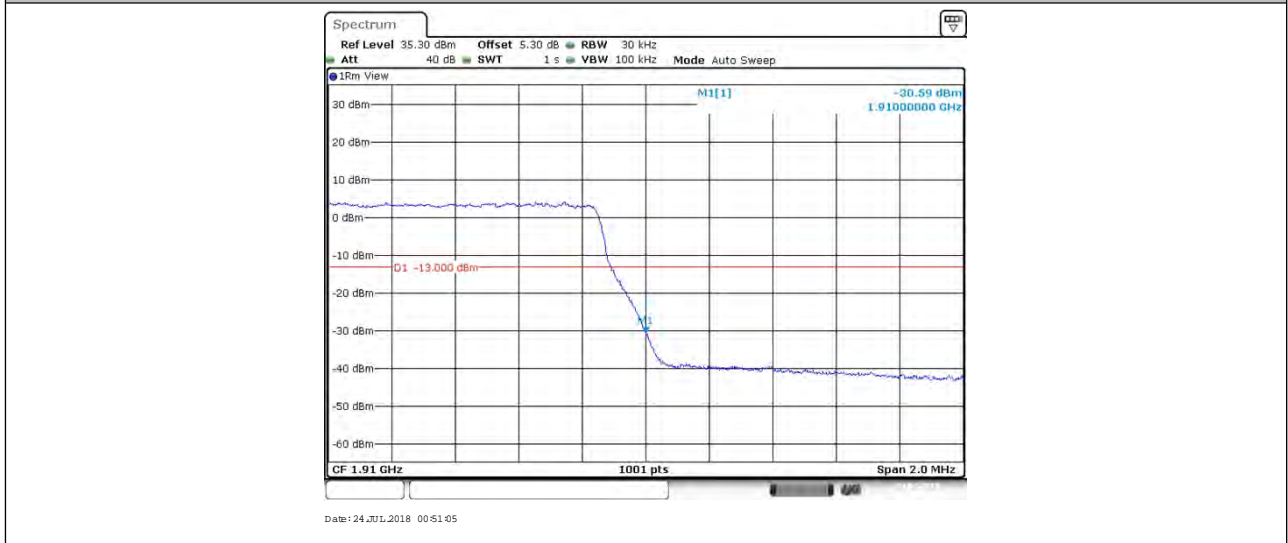
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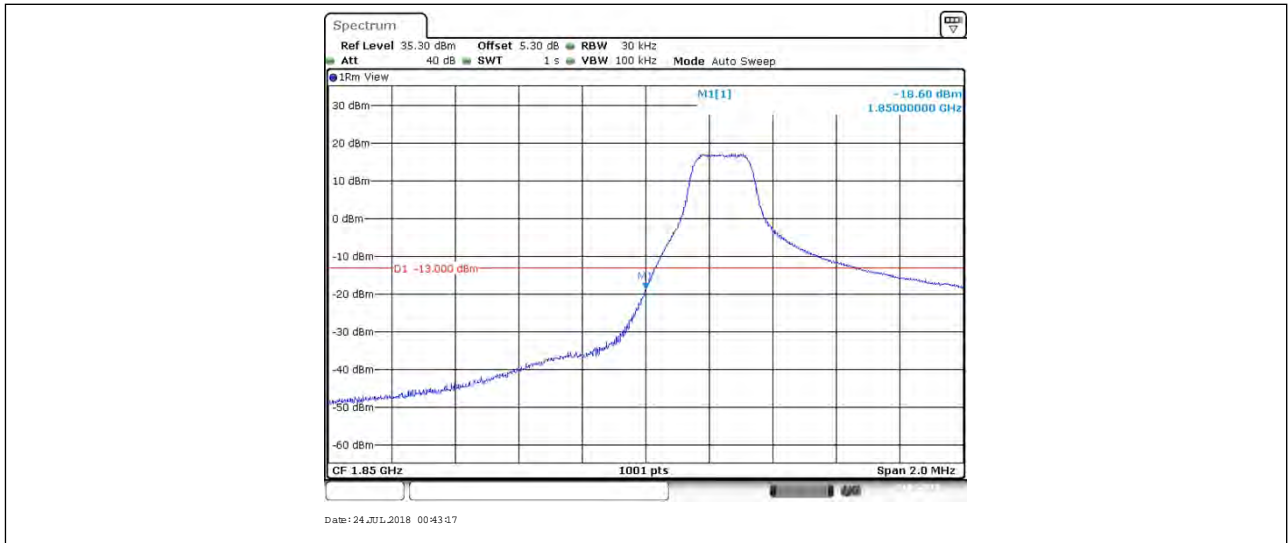
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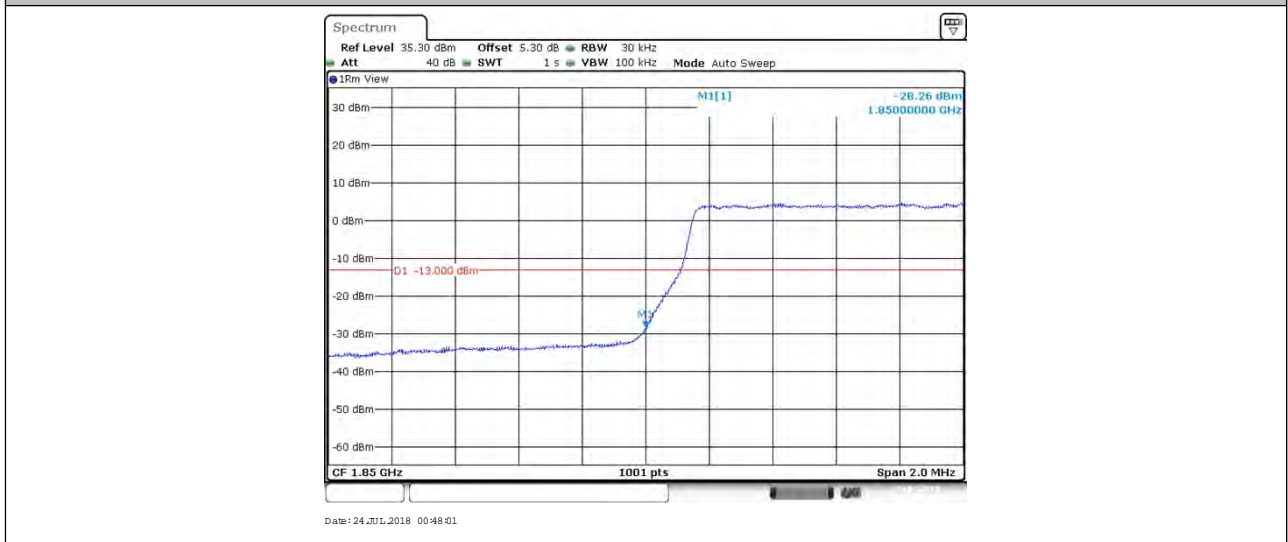
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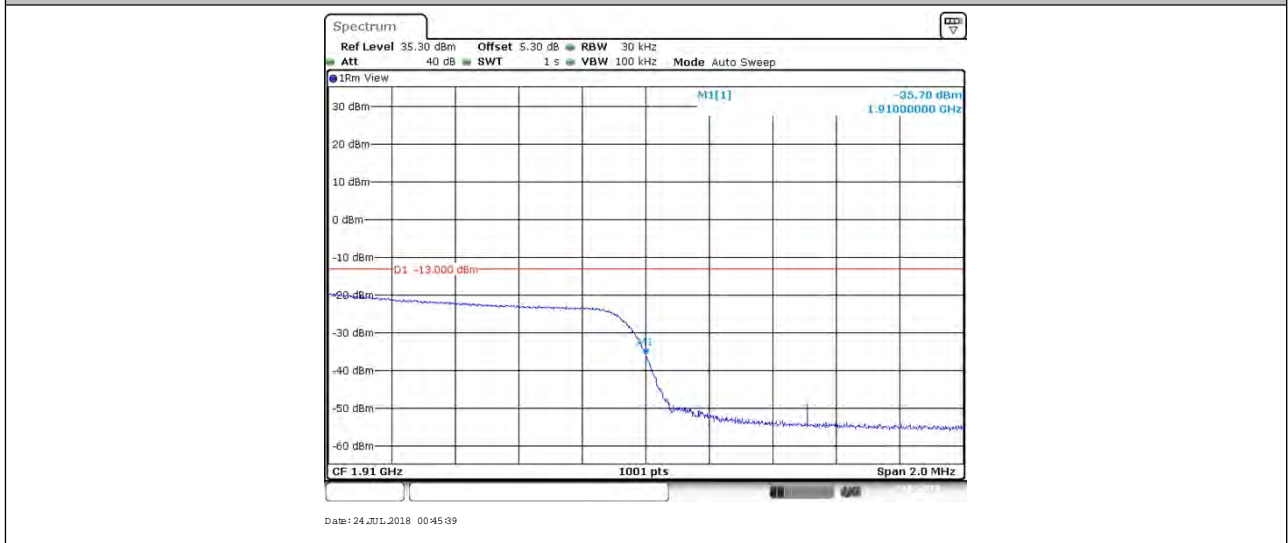
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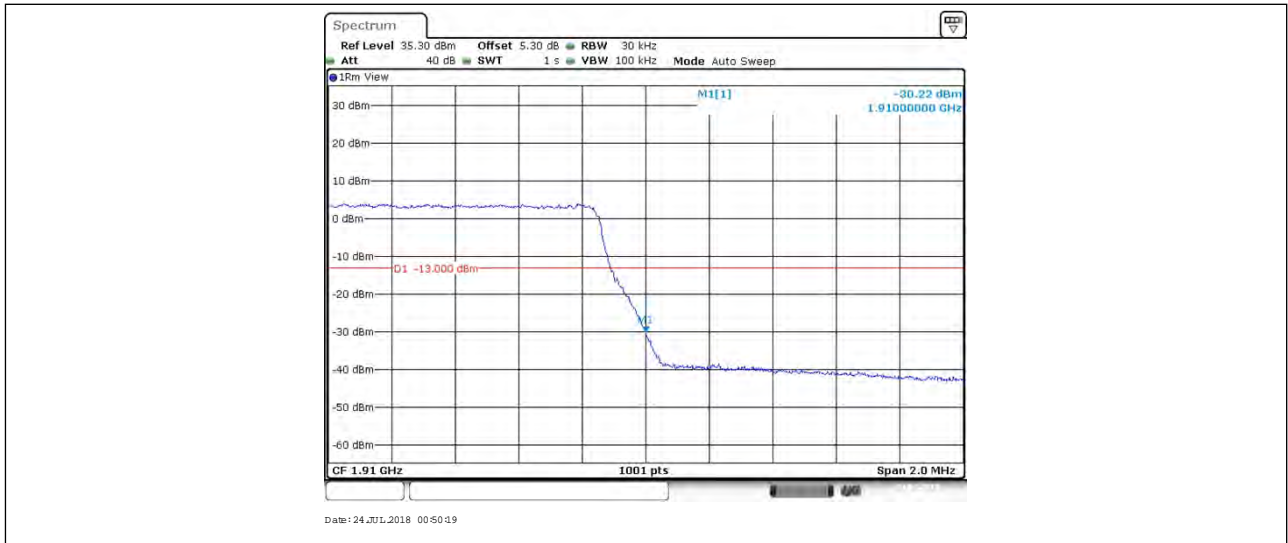


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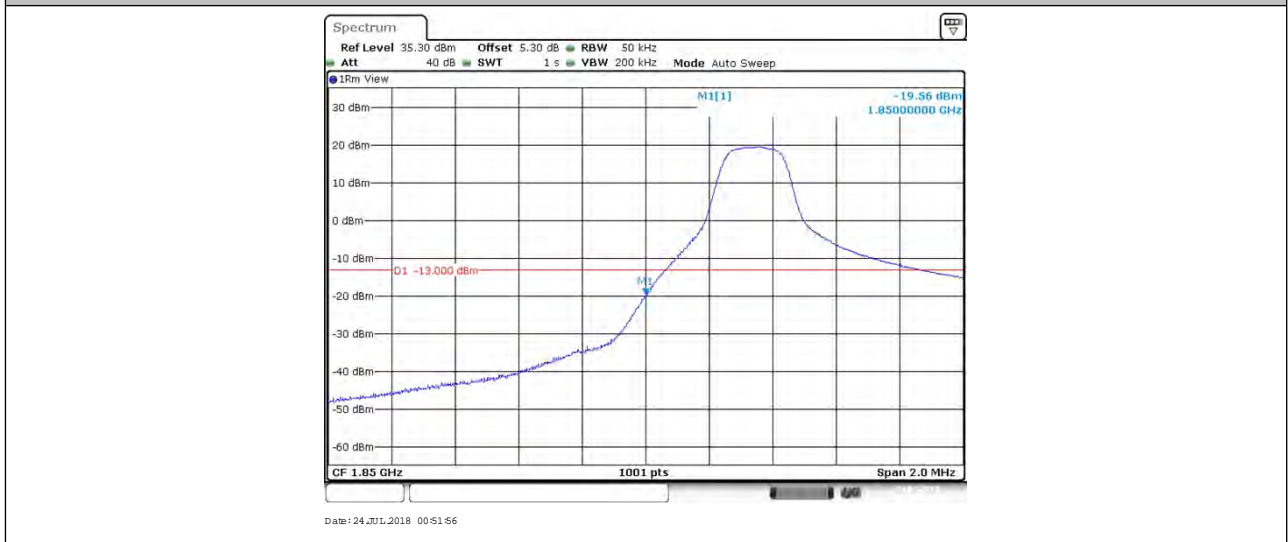


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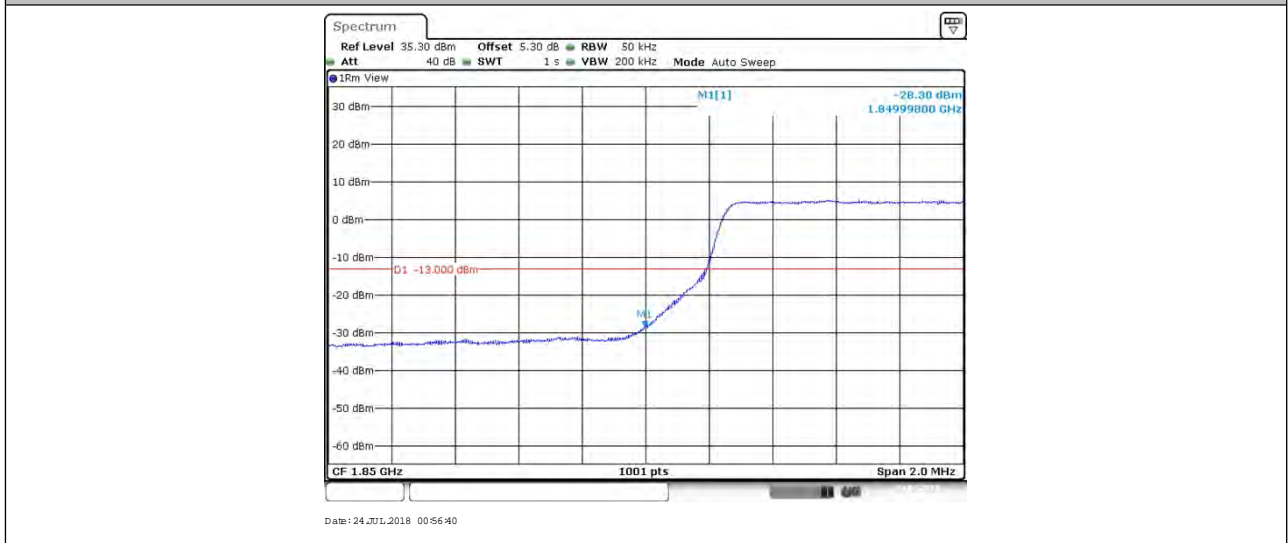




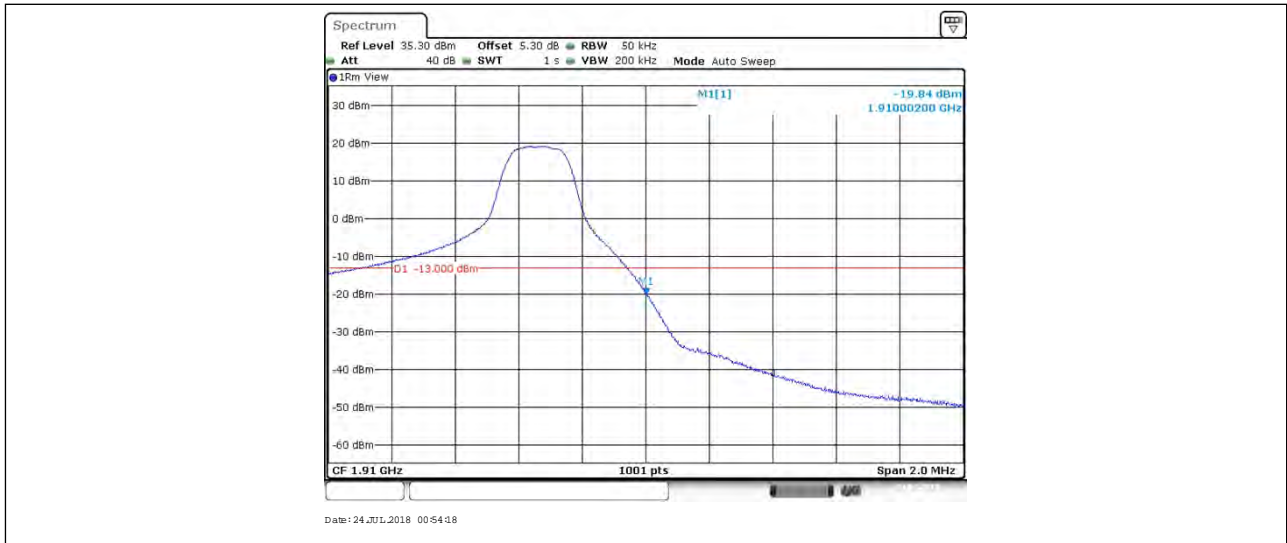
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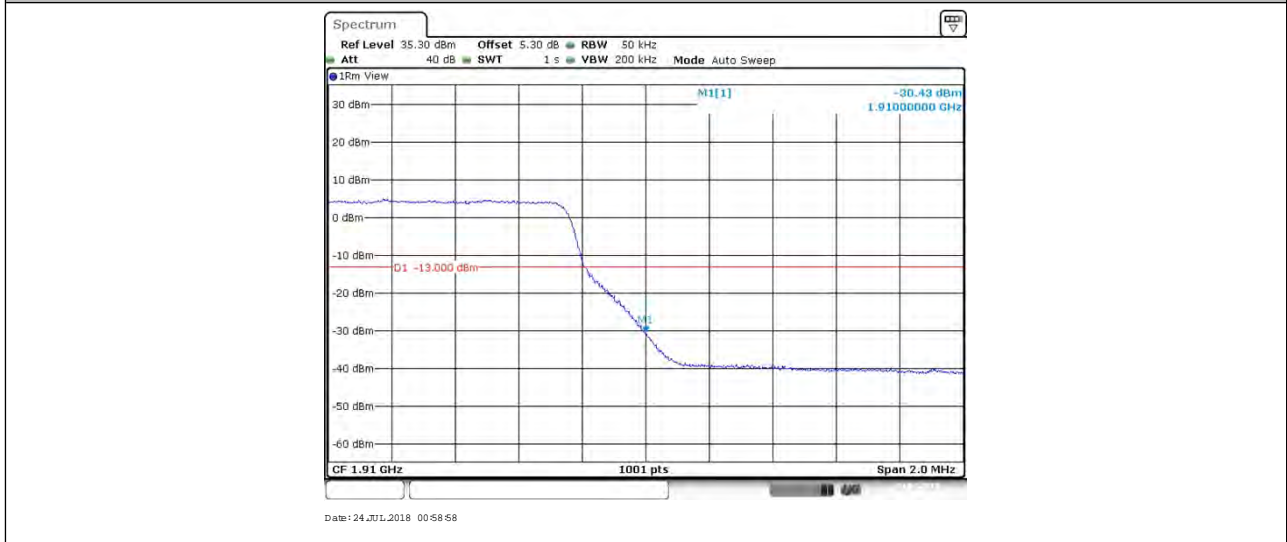
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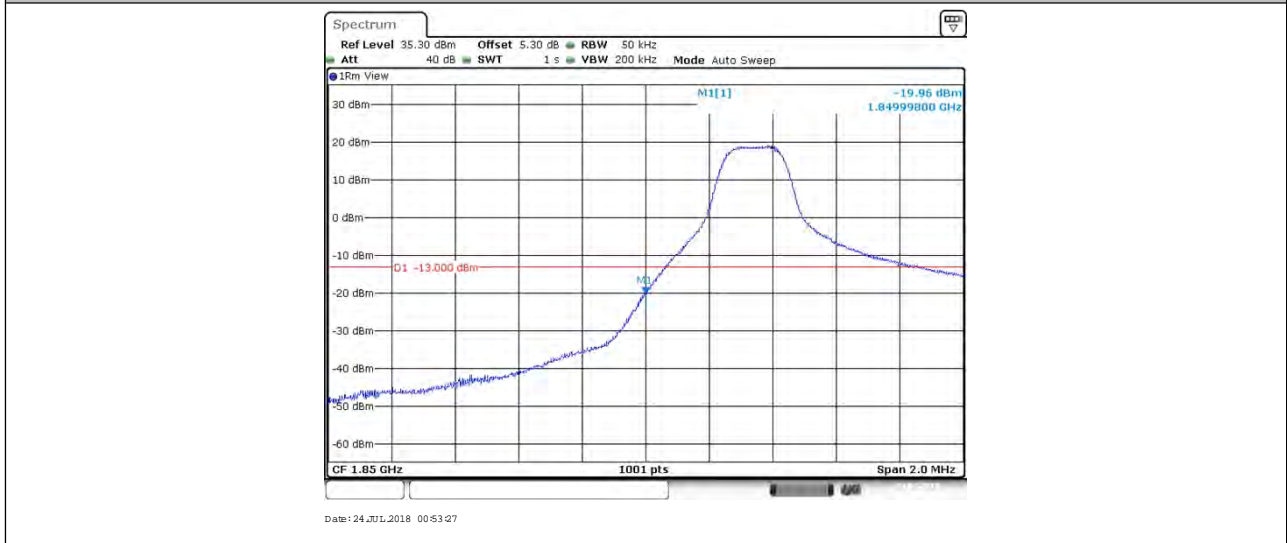
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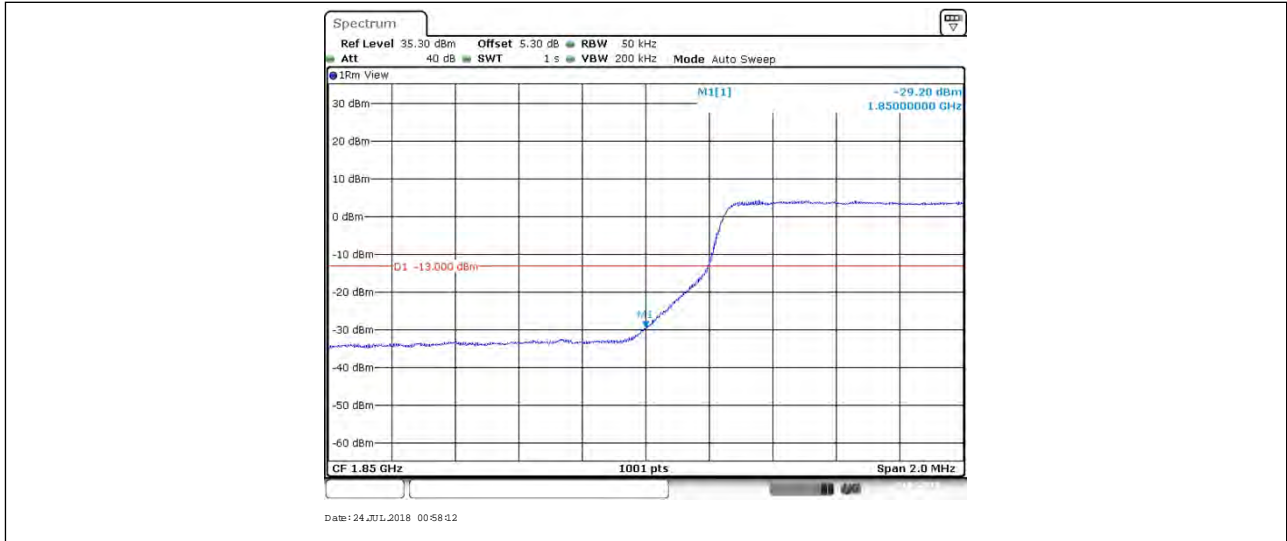
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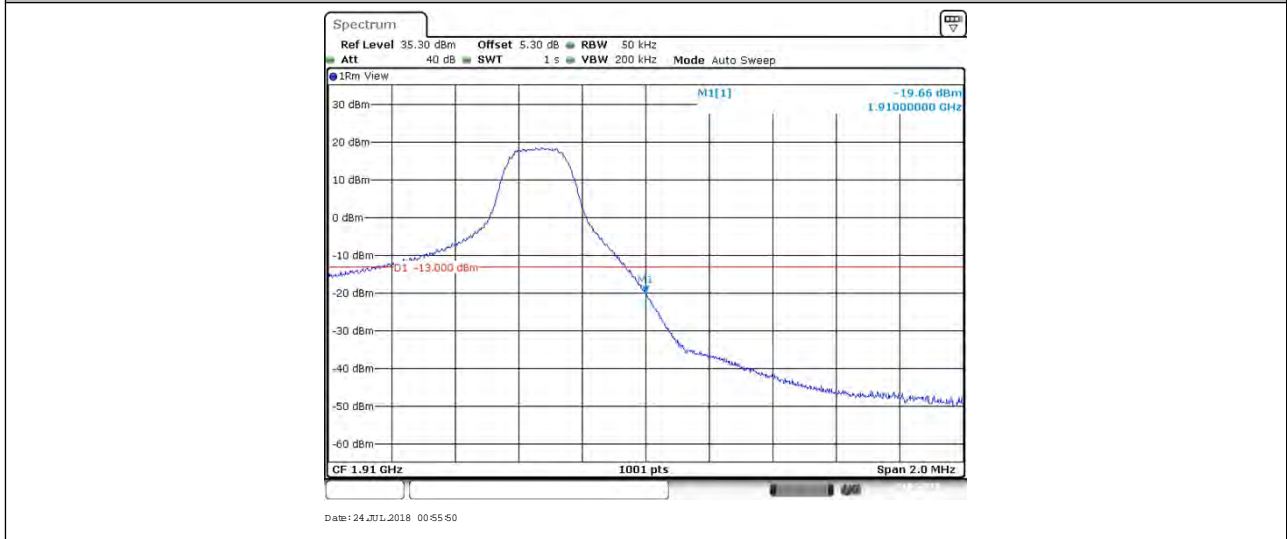
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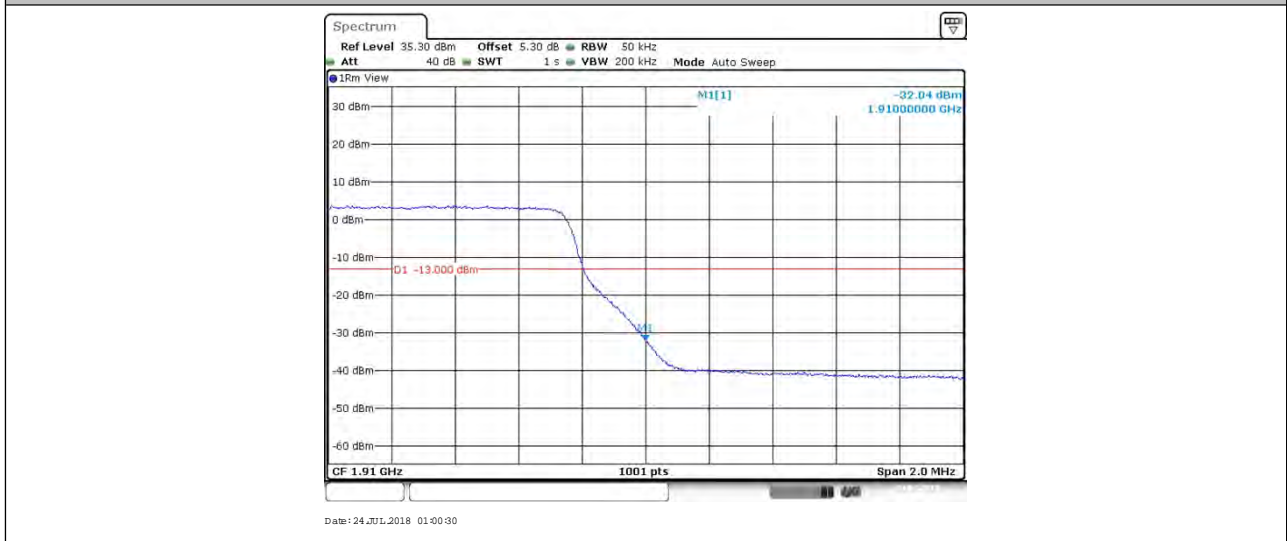
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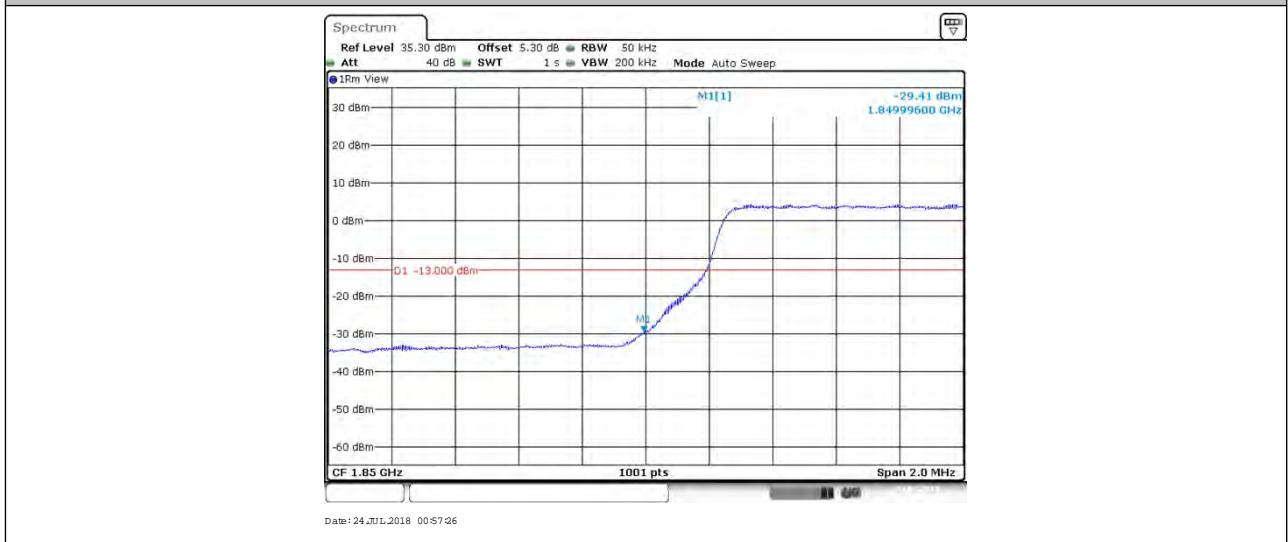
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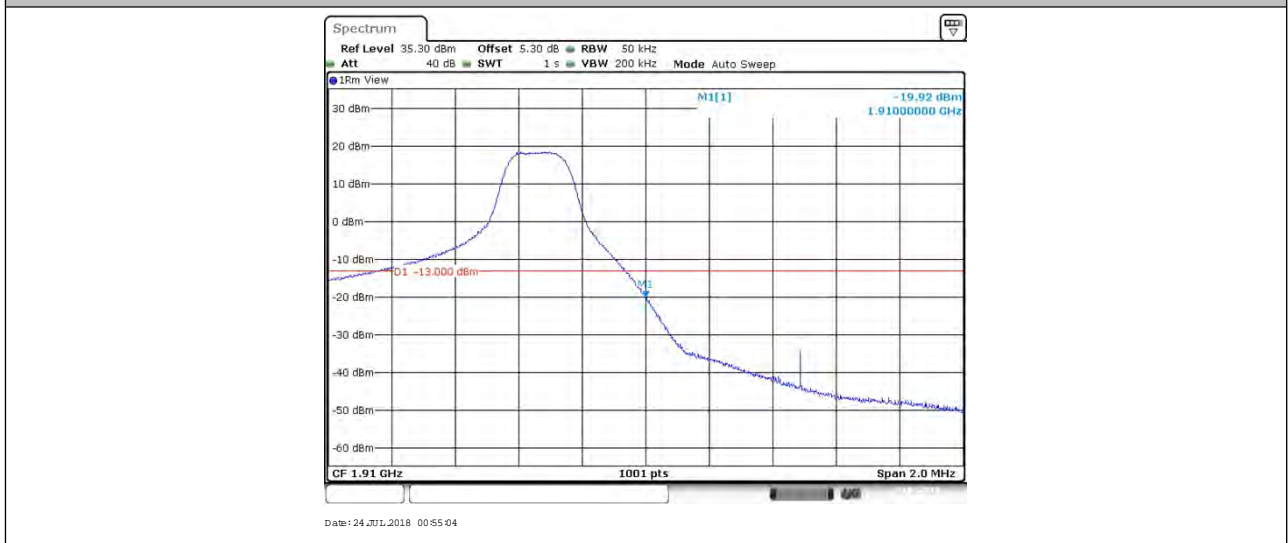
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BAND2\_5MHz\_16QAM\_18625\_25RB#0



BAND2\_5MHz\_16QAM\_19175\_1RB#24



BAND2\_5MHz\_16QAM\_19175\_25RB#0