



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	22.26	21.76	33.00	PASS
BAND2	1.4MHz	QPSK	18607	1RB#2	22.43	21.93	33.00	PASS
BAND2	1.4MHz	QPSK	18607	1RB#5	22.26	21.76	33.00	PASS
BAND2	1.4MHz	QPSK	18607	3RB#0	22.35	21.85	33.00	PASS
BAND2	1.4MHz	QPSK	18607	3RB#1	22.40	21.9	33.00	PASS
BAND2	1.4MHz	QPSK	18607	3RB#3	22.37	21.87	33.00	PASS
BAND2	1.4MHz	QPSK	18607	6RB#0	21.37	20.87	33.00	PASS
BAND2	1.4MHz	QPSK	18900	1RB#0	22.58	22.08	33.00	PASS
BAND2	1.4MHz	QPSK	18900	1RB#2	22.72	22.22	33.00	PASS
BAND2	1.4MHz	QPSK	18900	1RB#5	22.56	22.06	33.00	PASS
BAND2	1.4MHz	QPSK	18900	3RB#0	22.64	22.14	33.00	PASS
BAND2	1.4MHz	QPSK	18900	3RB#1	22.70	22.2	33.00	PASS
BAND2	1.4MHz	QPSK	18900	3RB#3	22.65	22.15	33.00	PASS
BAND2	1.4MHz	QPSK	18900	6RB#0	21.66	21.16	33.00	PASS
BAND2	1.4MHz	QPSK	19193	1RB#0	22.75	22.25	33.00	PASS
BAND2	1.4MHz	QPSK	19193	1RB#2	22.87	22.37	33.00	PASS
BAND2	1.4MHz	QPSK	19193	1RB#5	22.76	22.26	33.00	PASS
BAND2	1.4MHz	QPSK	19193	3RB#0	22.82	22.32	33.00	PASS
BAND2	1.4MHz	QPSK	19193	3RB#1	22.89	22.39	33.00	PASS
BAND2	1.4MHz	QPSK	19193	3RB#3	22.85	22.35	33.00	PASS
BAND2	1.4MHz	QPSK	19193	6RB#0	21.86	21.36	33.00	PASS
BAND2	1.4MHz	16QAM	18607	1RB#0	21.44	20.94	33.00	PASS
BAND2	1.4MHz	16QAM	18607	1RB#2	21.63	21.13	33.00	PASS
BAND2	1.4MHz	16QAM	18607	1RB#5	21.39	20.89	33.00	PASS
BAND2	1.4MHz	16QAM	18607	3RB#0	21.48	20.98	33.00	PASS
BAND2	1.4MHz	16QAM	18607	3RB#1	21.48	20.98	33.00	PASS
BAND2	1.4MHz	16QAM	18607	3RB#3	21.44	20.94	33.00	PASS
BAND2	1.4MHz	16QAM	18607	6RB#0	20.40	19.9	33.00	PASS
BAND2	1.4MHz	16QAM	18900	1RB#0	21.67	21.17	33.00	PASS
BAND2	1.4MHz	16QAM	18900	1RB#2	21.85	21.35	33.00	PASS
BAND2	1.4MHz	16QAM	18900	1RB#5	21.74	21.24	33.00	PASS
BAND2	1.4MHz	16QAM	18900	3RB#0	21.71	21.21	33.00	PASS
BAND2	1.4MHz	16QAM	18900	3RB#1	21.81	21.31	33.00	PASS
BAND2	1.4MHz	16QAM	18900	3RB#3	21.72	21.22	33.00	PASS



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BAND2	1.4MHz	16QAM	18900	6RB#0	20.68	20.18	33.00	PASS
BAND2	1.4MHz	16QAM	19193	1RB#0	21.94	21.44	33.00	PASS
BAND2	1.4MHz	16QAM	19193	1RB#2	22.10	21.6	33.00	PASS
BAND2	1.4MHz	16QAM	19193	1RB#5	21.81	21.31	33.00	PASS
BAND2	1.4MHz	16QAM	19193	3RB#0	21.91	21.41	33.00	PASS
BAND2	1.4MHz	16QAM	19193	3RB#1	21.93	21.43	33.00	PASS
BAND2	1.4MHz	16QAM	19193	3RB#3	21.84	21.34	33.00	PASS
BAND2	1.4MHz	16QAM	19193	6RB#0	20.86	20.36	33.00	PASS
BAND2	3MHz	QPSK	18615	1RB#0	22.34	21.84	33.00	PASS
BAND2	3MHz	QPSK	18615	1RB#8	22.34	21.84	33.00	PASS
BAND2	3MHz	QPSK	18615	1RB#14	22.37	21.87	33.00	PASS
BAND2	3MHz	QPSK	18615	8RB#0	21.37	20.87	33.00	PASS
BAND2	3MHz	QPSK	18615	8RB#4	21.41	20.91	33.00	PASS
BAND2	3MHz	QPSK	18615	8RB#7	21.36	20.86	33.00	PASS
BAND2	3MHz	QPSK	18615	15RB#0	21.37	20.87	33.00	PASS
BAND2	3MHz	QPSK	18900	1RB#0	22.62	22.12	33.00	PASS
BAND2	3MHz	QPSK	18900	1RB#8	22.64	22.14	33.00	PASS
BAND2	3MHz	QPSK	18900	1RB#14	22.61	22.11	33.00	PASS
BAND2	3MHz	QPSK	18900	8RB#0	21.66	21.16	33.00	PASS
BAND2	3MHz	QPSK	18900	8RB#4	21.69	21.19	33.00	PASS
BAND2	3MHz	QPSK	18900	8RB#7	21.65	21.15	33.00	PASS
BAND2	3MHz	QPSK	18900	15RB#0	21.66	21.16	33.00	PASS
BAND2	3MHz	QPSK	19185	1RB#0	22.78	22.28	33.00	PASS
BAND2	3MHz	QPSK	19185	1RB#8	22.82	22.32	33.00	PASS
BAND2	3MHz	QPSK	19185	1RB#14	22.82	22.32	33.00	PASS
BAND2	3MHz	QPSK	19185	8RB#0	21.86	21.36	33.00	PASS
BAND2	3MHz	QPSK	19185	8RB#4	21.88	21.38	33.00	PASS
BAND2	3MHz	QPSK	19185	8RB#7	21.84	21.34	33.00	PASS
BAND2	3MHz	QPSK	19185	15RB#0	21.85	21.35	33.00	PASS
BAND2	3MHz	16QAM	18615	1RB#0	21.57	21.07	33.00	PASS
BAND2	3MHz	16QAM	18615	1RB#8	21.54	21.04	33.00	PASS
BAND2	3MHz	16QAM	18615	1RB#14	21.61	21.11	33.00	PASS
BAND2	3MHz	16QAM	18615	8RB#0	20.39	19.89	33.00	PASS
BAND2	3MHz	16QAM	18615	8RB#4	20.41	19.91	33.00	PASS
BAND2	3MHz	16QAM	18615	8RB#7	20.38	19.88	33.00	PASS
BAND2	3MHz	16QAM	18615	15RB#0	20.33	19.83	33.00	PASS
BAND2	3MHz	16QAM	18900	1RB#0	21.77	21.27	33.00	PASS
BAND2	3MHz	16QAM	18900	1RB#8	21.93	21.43	33.00	PASS
BAND2	3MHz	16QAM	18900	1RB#14	21.82	21.32	33.00	PASS
BAND2	3MHz	16QAM	18900	8RB#0	20.63	20.13	33.00	PASS
BAND2	3MHz	16QAM	18900	8RB#4	20.68	20.18	33.00	PASS

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BAND2	3MHz	16QAM	18900	8RB#7	20.65	20.15	33.00	PASS
BAND2	3MHz	16QAM	18900	15RB#0	20.61	20.11	33.00	PASS
BAND2	3MHz	16QAM	19185	1RB#0	21.93	21.43	33.00	PASS
BAND2	3MHz	16QAM	19185	1RB#8	21.95	21.45	33.00	PASS
BAND2	3MHz	16QAM	19185	1RB#14	21.86	21.36	33.00	PASS
BAND2	3MHz	16QAM	19185	8RB#0	20.88	20.38	33.00	PASS
BAND2	3MHz	16QAM	19185	8RB#4	20.87	20.37	33.00	PASS
BAND2	3MHz	16QAM	19185	8RB#7	20.83	20.33	33.00	PASS
BAND2	3MHz	16QAM	19185	15RB#0	20.79	20.29	33.00	PASS
BAND2	5MHz	QPSK	18625	1RB#0	22.25	21.75	33.00	PASS
BAND2	5MHz	QPSK	18625	1RB#12	22.56	22.06	33.00	PASS
BAND2	5MHz	QPSK	18625	1RB#24	22.28	21.78	33.00	PASS
BAND2	5MHz	QPSK	18625	12RB#0	21.34	20.84	33.00	PASS
BAND2	5MHz	QPSK	18625	12RB#6	21.40	20.9	33.00	PASS
BAND2	5MHz	QPSK	18625	12RB#13	21.35	20.85	33.00	PASS
BAND2	5MHz	QPSK	18625	25RB#0	21.38	20.88	33.00	PASS
BAND2	5MHz	QPSK	18900	1RB#0	22.53	22.03	33.00	PASS
BAND2	5MHz	QPSK	18900	1RB#12	22.80	22.3	33.00	PASS
BAND2	5MHz	QPSK	18900	1RB#24	22.55	22.05	33.00	PASS
BAND2	5MHz	QPSK	18900	12RB#0	21.64	21.14	33.00	PASS
BAND2	5MHz	QPSK	18900	12RB#6	21.70	21.2	33.00	PASS
BAND2	5MHz	QPSK	18900	12RB#13	21.61	21.11	33.00	PASS
BAND2	5MHz	QPSK	18900	25RB#0	21.66	21.16	33.00	PASS
BAND2	5MHz	QPSK	19175	1RB#0	22.71	22.21	33.00	PASS
BAND2	5MHz	QPSK	19175	1RB#12	23.02	22.52	33.00	PASS
BAND2	5MHz	QPSK	19175	1RB#24	22.72	22.22	33.00	PASS
BAND2	5MHz	QPSK	19175	12RB#0	21.80	21.3	33.00	PASS
BAND2	5MHz	QPSK	19175	12RB#6	21.89	21.39	33.00	PASS
BAND2	5MHz	QPSK	19175	12RB#13	21.73	21.23	33.00	PASS
BAND2	5MHz	QPSK	19175	25RB#0	21.84	21.34	33.00	PASS
BAND2	5MHz	16QAM	18625	1RB#0	21.51	21.01	33.00	PASS
BAND2	5MHz	16QAM	18625	1RB#12	21.65	21.15	33.00	PASS
BAND2	5MHz	16QAM	18625	1RB#24	21.46	20.96	33.00	PASS
BAND2	5MHz	16QAM	18625	12RB#0	20.38	19.88	33.00	PASS
BAND2	5MHz	16QAM	18625	12RB#6	20.43	19.93	33.00	PASS
BAND2	5MHz	16QAM	18625	12RB#13	20.43	19.93	33.00	PASS
BAND2	5MHz	16QAM	18625	25RB#0	20.32	19.82	33.00	PASS
BAND2	5MHz	16QAM	18900	1RB#0	21.76	21.26	33.00	PASS
BAND2	5MHz	16QAM	18900	1RB#12	22.07	21.57	33.00	PASS
BAND2	5MHz	16QAM	18900	1RB#24	21.68	21.18	33.00	PASS
BAND2	5MHz	16QAM	18900	12RB#0	20.65	20.15	33.00	PASS

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BAND2	5MHz	16QAM	18900	12RB#6	20.71	20.21	33.00	PASS
BAND2	5MHz	16QAM	18900	12RB#13	20.60	20.1	33.00	PASS
BAND2	5MHz	16QAM	18900	25RB#0	20.61	20.11	33.00	PASS
BAND2	5MHz	16QAM	19175	1RB#0	21.76	21.26	33.00	PASS
BAND2	5MHz	16QAM	19175	1RB#12	22.15	21.65	33.00	PASS
BAND2	5MHz	16QAM	19175	1RB#24	21.93	21.43	33.00	PASS
BAND2	5MHz	16QAM	19175	12RB#0	20.84	20.34	33.00	PASS
BAND2	5MHz	16QAM	19175	12RB#6	20.90	20.4	33.00	PASS
BAND2	5MHz	16QAM	19175	12RB#13	20.74	20.24	33.00	PASS
BAND2	5MHz	16QAM	19175	25RB#0	20.77	20.27	33.00	PASS
BAND2	10MHz	QPSK	18650	1RB#0	22.31	21.81	33.00	PASS
BAND2	10MHz	QPSK	18650	1RB#24	22.53	22.03	33.00	PASS
BAND2	10MHz	QPSK	18650	1RB#49	22.35	21.85	33.00	PASS
BAND2	10MHz	QPSK	18650	25RB#0	21.43	20.93	33.00	PASS
BAND2	10MHz	QPSK	18650	25RB#12	21.48	20.98	33.00	PASS
BAND2	10MHz	QPSK	18650	25RB#25	21.45	20.95	33.00	PASS
BAND2	10MHz	QPSK	18650	50RB#0	21.47	20.97	33.00	PASS
BAND2	10MHz	QPSK	18900	1RB#0	22.58	22.08	33.00	PASS
BAND2	10MHz	QPSK	18900	1RB#24	22.75	22.25	33.00	PASS
BAND2	10MHz	QPSK	18900	1RB#49	22.63	22.13	33.00	PASS
BAND2	10MHz	QPSK	18900	25RB#0	21.70	21.2	33.00	PASS
BAND2	10MHz	QPSK	18900	25RB#12	21.72	21.22	33.00	PASS
BAND2	10MHz	QPSK	18900	25RB#25	21.68	21.18	33.00	PASS
BAND2	10MHz	QPSK	18900	50RB#0	21.68	21.18	33.00	PASS
BAND2	10MHz	QPSK	19150	1RB#0	22.77	22.27	33.00	PASS
BAND2	10MHz	QPSK	19150	1RB#24	22.93	22.43	33.00	PASS
BAND2	10MHz	QPSK	19150	1RB#49	22.82	22.32	33.00	PASS
BAND2	10MHz	QPSK	19150	25RB#0	21.91	21.41	33.00	PASS
BAND2	10MHz	QPSK	19150	25RB#12	21.93	21.43	33.00	PASS
BAND2	10MHz	QPSK	19150	25RB#25	21.83	21.33	33.00	PASS
BAND2	10MHz	QPSK	19150	50RB#0	21.86	21.36	33.00	PASS
BAND2	10MHz	16QAM	18650	1RB#0	21.58	21.08	33.00	PASS
BAND2	10MHz	16QAM	18650	1RB#24	21.63	21.13	33.00	PASS
BAND2	10MHz	16QAM	18650	1RB#49	21.46	20.96	33.00	PASS
BAND2	10MHz	16QAM	18650	25RB#0	20.34	19.84	33.00	PASS
BAND2	10MHz	16QAM	18650	25RB#12	20.43	19.93	33.00	PASS
BAND2	10MHz	16QAM	18650	25RB#25	20.42	19.92	33.00	PASS
BAND2	10MHz	16QAM	18650	50RB#0	20.42	19.92	33.00	PASS
BAND2	10MHz	16QAM	18900	1RB#0	21.69	21.19	33.00	PASS
BAND2	10MHz	16QAM	18900	1RB#24	21.92	21.42	33.00	PASS
BAND2	10MHz	16QAM	18900	1RB#49	21.82	21.32	33.00	PASS

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BAND2	10MHz	16QAM	18900	25RB#0	20.70	20.2	33.00	PASS
BAND2	10MHz	16QAM	18900	25RB#12	20.66	20.16	33.00	PASS
BAND2	10MHz	16QAM	18900	25RB#25	20.62	20.12	33.00	PASS
BAND2	10MHz	16QAM	18900	50RB#0	20.62	20.12	33.00	PASS
BAND2	10MHz	16QAM	19150	1RB#0	21.83	21.33	33.00	PASS
BAND2	10MHz	16QAM	19150	1RB#24	22.01	21.51	33.00	PASS
BAND2	10MHz	16QAM	19150	1RB#49	21.92	21.42	33.00	PASS
BAND2	10MHz	16QAM	19150	25RB#0	20.83	20.33	33.00	PASS
BAND2	10MHz	16QAM	19150	25RB#12	20.83	20.33	33.00	PASS
BAND2	10MHz	16QAM	19150	25RB#25	20.75	20.25	33.00	PASS
BAND2	10MHz	16QAM	19150	50RB#0	20.80	20.3	33.00	PASS
BAND2	15MHz	QPSK	18675	1RB#0	22.27	21.77	33.00	PASS
BAND2	15MHz	QPSK	18675	1RB#38	22.39	21.89	33.00	PASS
BAND2	15MHz	QPSK	18675	1RB#74	22.32	21.82	33.00	PASS
BAND2	15MHz	QPSK	18675	36RB#0	21.40	20.9	33.00	PASS
BAND2	15MHz	QPSK	18675	36RB#18	21.43	20.93	33.00	PASS
BAND2	15MHz	QPSK	18675	36RB#39	21.42	20.92	33.00	PASS
BAND2	15MHz	QPSK	18675	75RB#0	21.45	20.95	33.00	PASS
BAND2	15MHz	QPSK	18900	1RB#0	22.46	21.96	33.00	PASS
BAND2	15MHz	QPSK	18900	1RB#38	22.66	22.16	33.00	PASS
BAND2	15MHz	QPSK	18900	1RB#74	22.64	22.14	33.00	PASS
BAND2	15MHz	QPSK	18900	36RB#0	21.66	21.16	33.00	PASS
BAND2	15MHz	QPSK	18900	36RB#18	21.67	21.17	33.00	PASS
BAND2	15MHz	QPSK	18900	36RB#39	21.66	21.16	33.00	PASS
BAND2	15MHz	QPSK	18900	75RB#0	21.69	21.19	33.00	PASS
BAND2	15MHz	QPSK	19125	1RB#0	22.69	22.19	33.00	PASS
BAND2	15MHz	QPSK	19125	1RB#38	22.83	22.33	33.00	PASS
BAND2	15MHz	QPSK	19125	1RB#74	22.75	22.25	33.00	PASS
BAND2	15MHz	QPSK	19125	36RB#0	21.87	21.37	33.00	PASS
BAND2	15MHz	QPSK	19125	36RB#18	21.90	21.4	33.00	PASS
BAND2	15MHz	QPSK	19125	36RB#39	21.83	21.33	33.00	PASS
BAND2	15MHz	QPSK	19125	75RB#0	21.86	21.36	33.00	PASS
BAND2	15MHz	16QAM	18675	1RB#0	21.46	20.96	33.00	PASS
BAND2	15MHz	16QAM	18675	1RB#38	21.65	21.15	33.00	PASS
BAND2	15MHz	16QAM	18675	1RB#74	21.57	21.07	33.00	PASS
BAND2	15MHz	16QAM	18675	36RB#0	20.39	19.89	33.00	PASS
BAND2	15MHz	16QAM	18675	36RB#18	20.42	19.92	33.00	PASS
BAND2	15MHz	16QAM	18675	36RB#39	20.42	19.92	33.00	PASS
BAND2	15MHz	16QAM	18675	75RB#0	20.40	19.9	33.00	PASS
BAND2	15MHz	16QAM	18900	1RB#0	21.65	21.15	33.00	PASS
BAND2	15MHz	16QAM	18900	1RB#38	21.86	21.36	33.00	PASS

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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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BAND2	15MHz	16QAM	18900	1RB#74	21.87	21.37	33.00	PASS
BAND2	15MHz	16QAM	18900	36RB#0	20.65	20.15	33.00	PASS
BAND2	15MHz	16QAM	18900	36RB#18	20.66	20.16	33.00	PASS
BAND2	15MHz	16QAM	18900	36RB#39	20.64	20.14	33.00	PASS
BAND2	15MHz	16QAM	18900	75RB#0	20.64	20.14	33.00	PASS
BAND2	15MHz	16QAM	19125	1RB#0	21.81	21.31	33.00	PASS
BAND2	15MHz	16QAM	19125	1RB#38	21.95	21.45	33.00	PASS
BAND2	15MHz	16QAM	19125	1RB#74	21.77	21.27	33.00	PASS
BAND2	15MHz	16QAM	19125	36RB#0	20.84	20.34	33.00	PASS
BAND2	15MHz	16QAM	19125	36RB#18	20.85	20.35	33.00	PASS
BAND2	15MHz	16QAM	19125	36RB#39	20.79	20.29	33.00	PASS
BAND2	15MHz	16QAM	19125	75RB#0	20.80	20.3	33.00	PASS
BAND2	20MHz	QPSK	18700	1RB#0	22.09	21.59	33.00	PASS
BAND2	20MHz	QPSK	18700	1RB#49	22.48	21.98	33.00	PASS
BAND2	20MHz	QPSK	18700	1RB#99	22.23	21.73	33.00	PASS
BAND2	20MHz	QPSK	18700	50RB#0	21.45	20.95	33.00	PASS
BAND2	20MHz	QPSK	18700	50RB#25	21.48	20.98	33.00	PASS
BAND2	20MHz	QPSK	18700	50RB#50	21.52	21.02	33.00	PASS
BAND2	20MHz	QPSK	18700	100RB#0	21.47	20.97	33.00	PASS
BAND2	20MHz	QPSK	18900	1RB#0	22.25	21.75	33.00	PASS
BAND2	20MHz	QPSK	18900	1RB#49	22.72	22.22	33.00	PASS
BAND2	20MHz	QPSK	18900	1RB#99	22.47	21.97	33.00	PASS
BAND2	20MHz	QPSK	18900	50RB#0	21.68	21.18	33.00	PASS
BAND2	20MHz	QPSK	18900	50RB#25	21.71	21.21	33.00	PASS
BAND2	20MHz	QPSK	18900	50RB#50	21.68	21.18	33.00	PASS
BAND2	20MHz	QPSK	18900	100RB#0	21.68	21.18	33.00	PASS
BAND2	20MHz	QPSK	19100	1RB#0	22.51	22.01	33.00	PASS
BAND2	20MHz	QPSK	19100	1RB#49	22.90	22.4	33.00	PASS
BAND2	20MHz	QPSK	19100	1RB#99	22.57	22.07	33.00	PASS
BAND2	20MHz	QPSK	19100	50RB#0	21.91	21.41	33.00	PASS
BAND2	20MHz	QPSK	19100	50RB#25	21.92	21.42	33.00	PASS
BAND2	20MHz	QPSK	19100	50RB#50	21.84	21.34	33.00	PASS
BAND2	20MHz	QPSK	19100	100RB#0	21.85	21.35	33.00	PASS
BAND2	20MHz	16QAM	18700	1RB#0	21.31	20.81	33.00	PASS
BAND2	20MHz	16QAM	18700	1RB#49	21.65	21.15	33.00	PASS
BAND2	20MHz	16QAM	18700	1RB#99	21.33	20.83	33.00	PASS
BAND2	20MHz	16QAM	18700	50RB#0	20.41	19.91	33.00	PASS
BAND2	20MHz	16QAM	18700	50RB#25	20.43	19.93	33.00	PASS
BAND2	20MHz	16QAM	18700	50RB#50	20.47	19.97	33.00	PASS
BAND2	20MHz	16QAM	18700	100RB#0	20.40	19.9	33.00	PASS
BAND2	20MHz	16QAM	18900	1RB#0	21.41	20.91	33.00	PASS

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BAND2	20MHz	16QAM	18900	1RB#49	21.97	21.47	33.00	PASS
BAND2	20MHz	16QAM	18900	1RB#99	21.60	21.1	33.00	PASS
BAND2	20MHz	16QAM	18900	50RB#0	20.61	20.11	33.00	PASS
BAND2	20MHz	16QAM	18900	50RB#25	20.66	20.16	33.00	PASS
BAND2	20MHz	16QAM	18900	50RB#50	20.64	20.14	33.00	PASS
BAND2	20MHz	16QAM	18900	100RB#0	20.64	20.14	33.00	PASS
BAND2	20MHz	16QAM	19100	1RB#0	21.71	21.21	33.00	PASS
BAND2	20MHz	16QAM	19100	1RB#49	21.94	21.44	33.00	PASS
BAND2	20MHz	16QAM	19100	1RB#99	21.76	21.26	33.00	PASS
BAND2	20MHz	16QAM	19100	50RB#0	20.85	20.35	33.00	PASS
BAND2	20MHz	16QAM	19100	50RB#25	20.85	20.35	33.00	PASS
BAND2	20MHz	16QAM	19100	50RB#50	20.77	20.27	33.00	PASS
BAND2	20MHz	16QAM	19100	100RB#0	20.80	20.3	33.00	PASS

Note:

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

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

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

b: SGP=Signal Generator Level

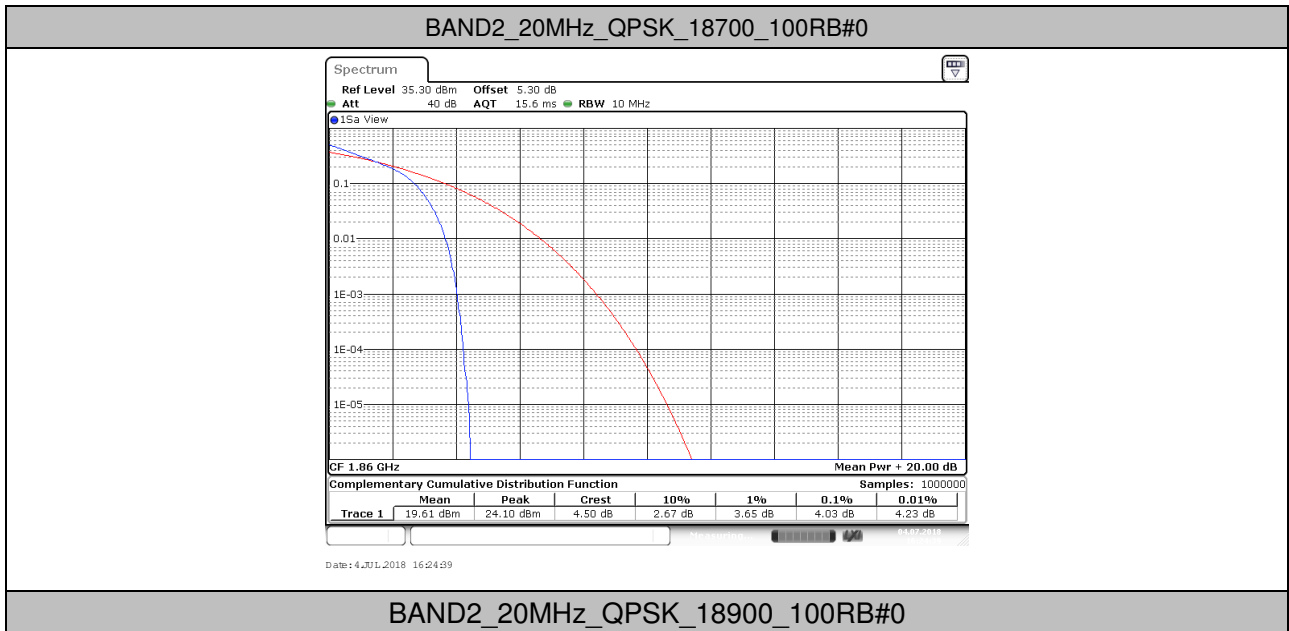


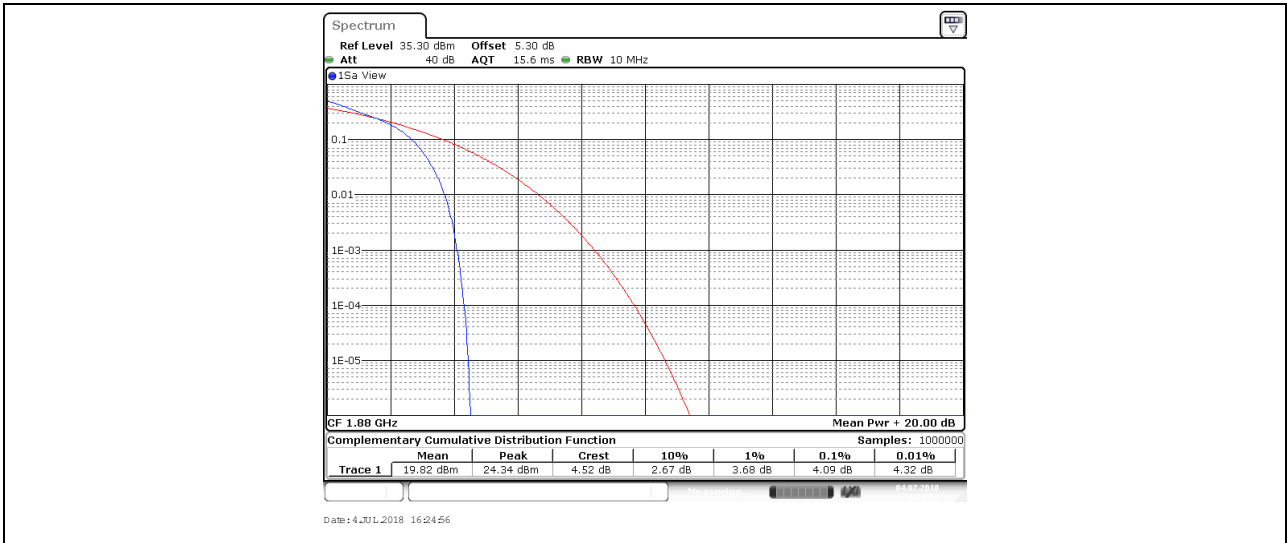
2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

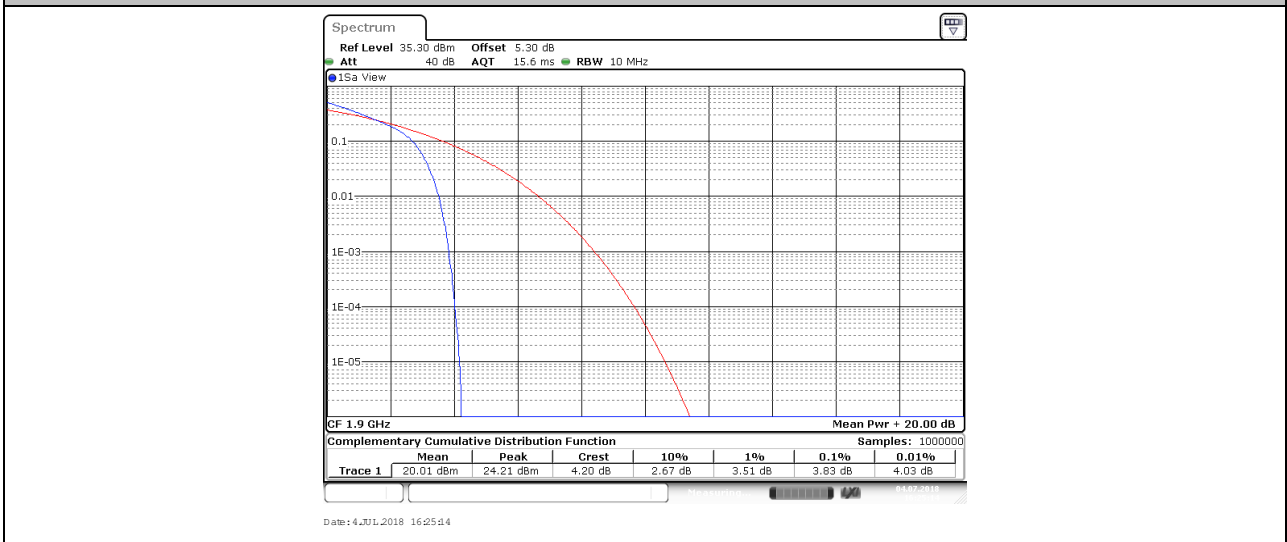
BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
BAND2	20MHz	QPSK	18700	100RB#0	4.03	13	PASS
BAND2	20MHz	QPSK	18900	100RB#0	4.09	13	PASS
BAND2	20MHz	QPSK	19100	100RB#0	3.83	13	PASS
BAND2	20MHz	16QAM	18700	100RB#0	5.74	13	PASS
BAND2	20MHz	16QAM	18900	100RB#0	5.80	13	PASS
BAND2	20MHz	16QAM	19100	100RB#0	5.48	13	PASS

2.2. Test Plots

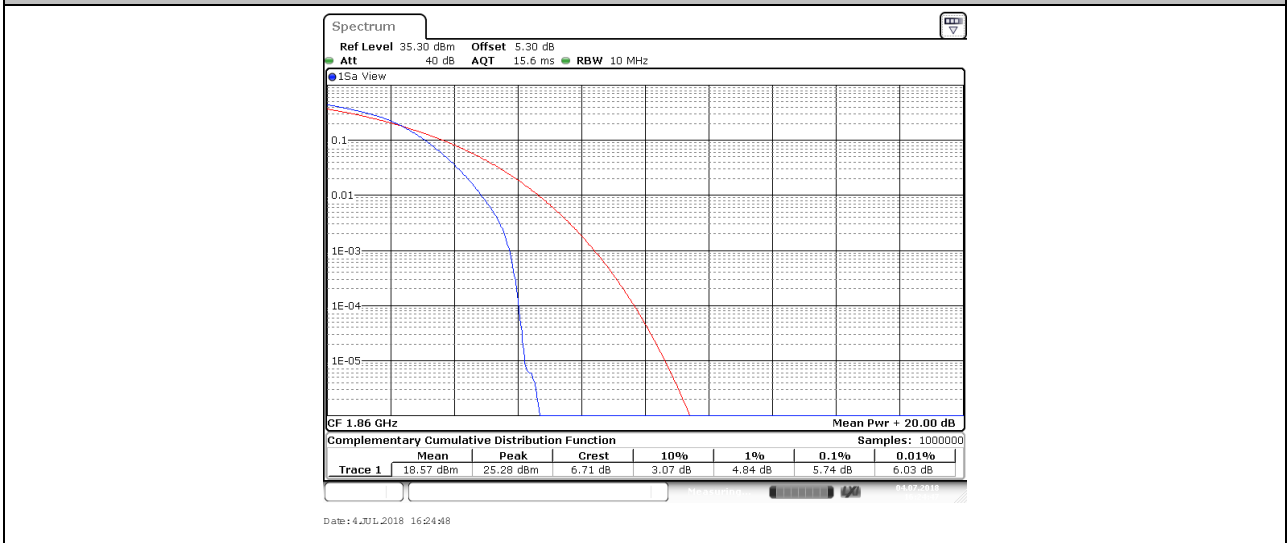




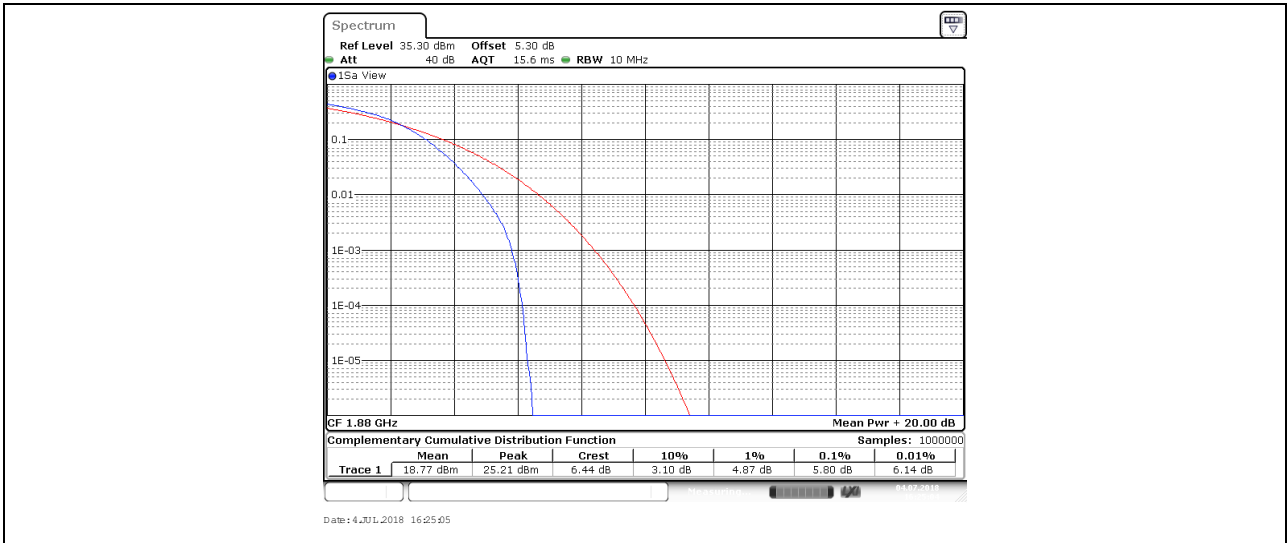
BAND2_20MHz_QPSK_19100_100RB#0



BAND2_20MHz_16QAM_18700_100RB#0



BAND2_20MHz_16QAM_18900_100RB#0



BAND2_20MHz_16QAM_19100_100RB#0

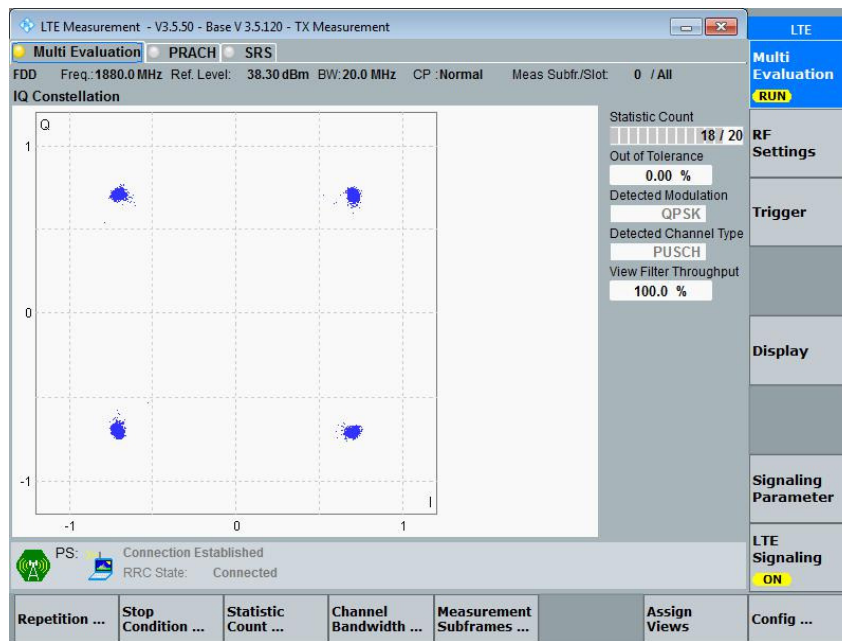


3. Modulation Characteristics

3.1. Test BAND = LTE BAND2

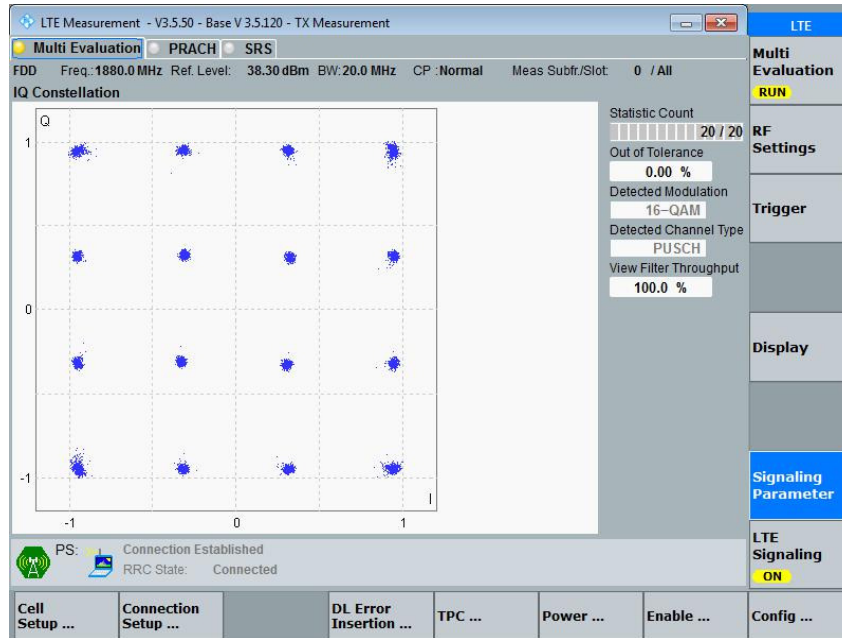
3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1. Test Channel = MCH



3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

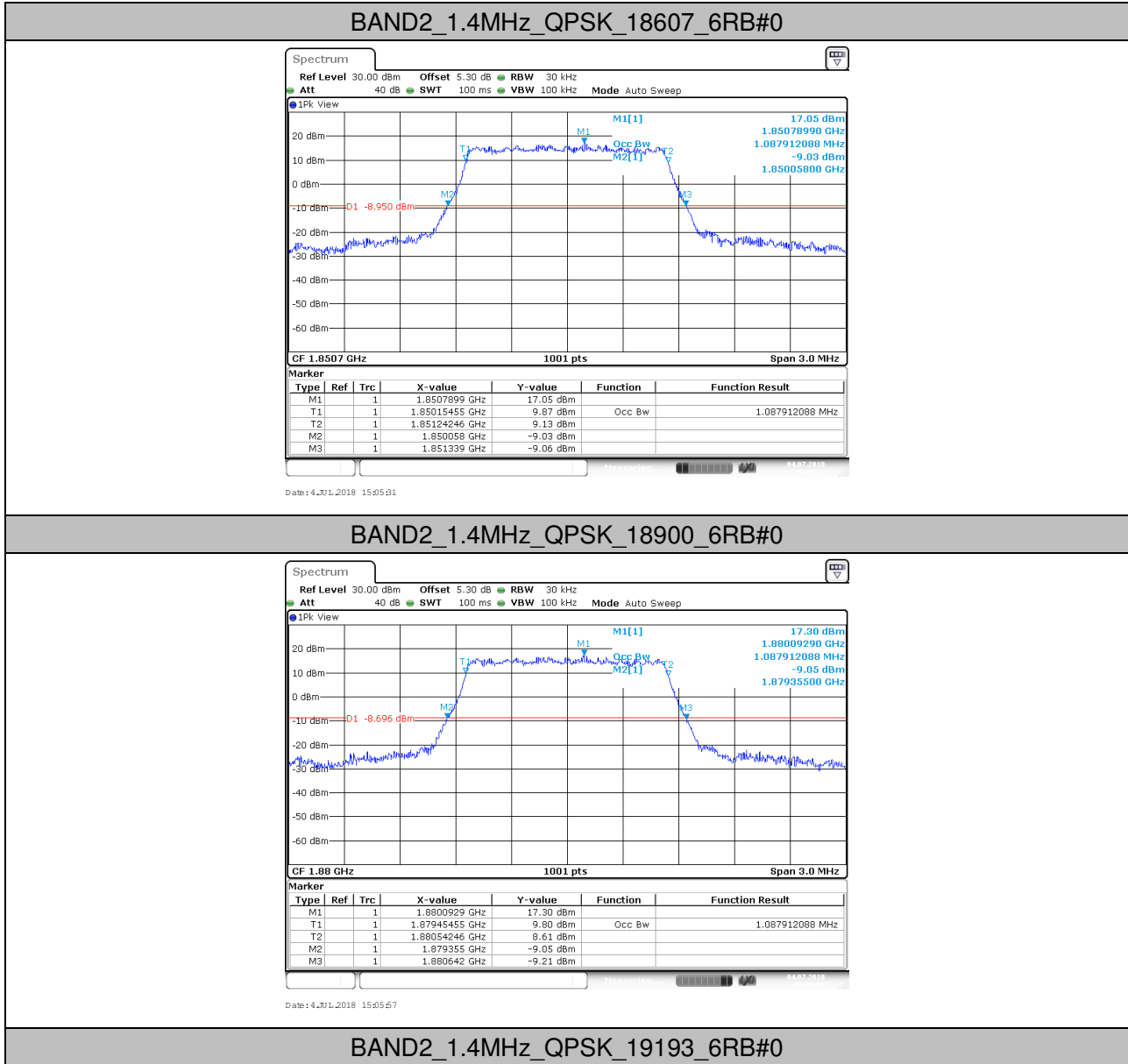
4.1. Test Result

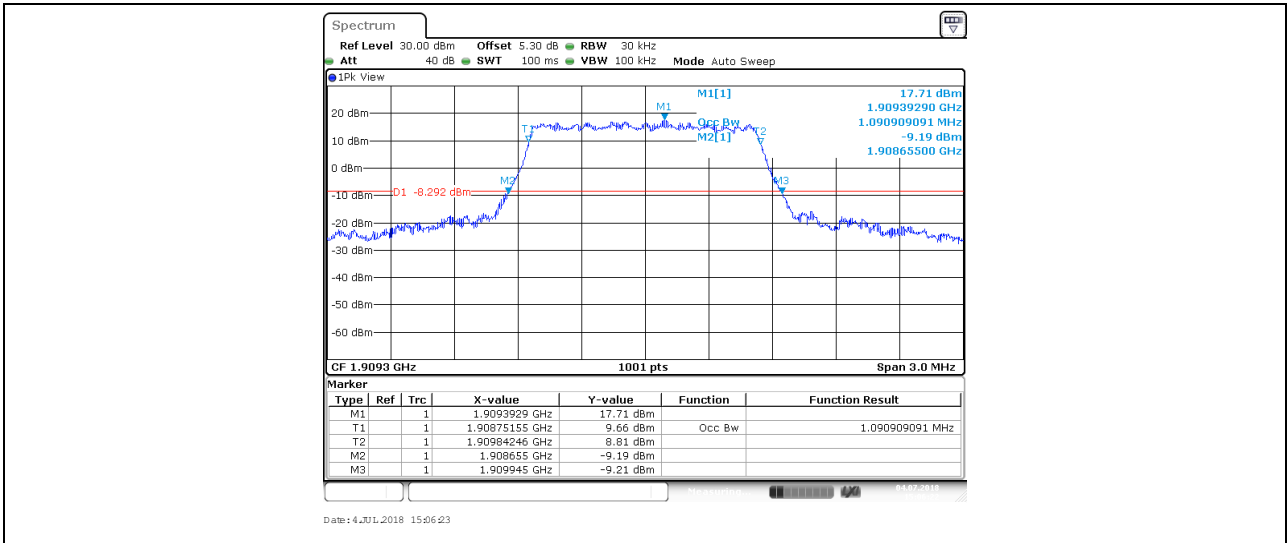
BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
BAND2	1.4MHz	QPSK	18607	6RB#0	1.088	1.281	PASS
BAND2	1.4MHz	QPSK	18900	6RB#0	1.088	1.287	PASS
BAND2	1.4MHz	QPSK	19193	6RB#0	1.091	1.290	PASS
BAND2	1.4MHz	16QAM	18607	6RB#0	1.091	1.293	PASS
BAND2	1.4MHz	16QAM	18900	6RB#0	1.091	1.287	PASS
BAND2	1.4MHz	16QAM	19193	6RB#0	1.091	1.287	PASS
BAND2	3MHz	QPSK	18615	15RB#0	2.691	2.922	PASS
BAND2	3MHz	QPSK	18900	15RB#0	2.691	2.916	PASS
BAND2	3MHz	QPSK	19185	15RB#0	2.691	2.928	PASS
BAND2	3MHz	16QAM	18615	15RB#0	2.679	2.904	PASS
BAND2	3MHz	16QAM	18900	15RB#0	2.673	2.892	PASS
BAND2	3MHz	16QAM	19185	15RB#0	2.679	2.904	PASS
BAND2	5MHz	QPSK	18625	25RB#0	4.476	5.030	PASS
BAND2	5MHz	QPSK	18900	25RB#0	4.476	5.060	PASS
BAND2	5MHz	QPSK	19175	25RB#0	4.476	5.080	PASS
BAND2	5MHz	16QAM	18625	25RB#0	4.486	5.050	PASS
BAND2	5MHz	16QAM	18900	25RB#0	4.496	5.160	PASS
BAND2	5MHz	16QAM	19175	25RB#0	4.496	5.060	PASS
BAND2	10MHz	QPSK	18650	50RB#0	8.931	9.840	PASS
BAND2	10MHz	QPSK	18900	50RB#0	8.951	9.860	PASS
BAND2	10MHz	QPSK	19150	50RB#0	8.931	9.840	PASS
BAND2	10MHz	16QAM	18650	50RB#0	8.931	9.980	PASS
BAND2	10MHz	16QAM	18900	50RB#0	8.931	10.020	PASS
BAND2	10MHz	16QAM	19150	50RB#0	8.931	9.860	PASS
BAND2	15MHz	QPSK	18675	75RB#0	13.487	15.090	PASS
BAND2	15MHz	QPSK	18900	75RB#0	13.457	15.030	PASS
BAND2	15MHz	QPSK	19125	75RB#0	13.457	15.090	PASS
BAND2	15MHz	16QAM	18675	75RB#0	13.487	15.120	PASS
BAND2	15MHz	16QAM	18900	75RB#0	13.457	15.120	PASS
BAND2	15MHz	16QAM	19125	75RB#0	13.457	15.120	PASS
BAND2	20MHz	QPSK	18700	100RB#0	17.942	19.760	PASS
BAND2	20MHz	QPSK	18900	100RB#0	17.902	19.720	PASS
BAND2	20MHz	QPSK	19100	100RB#0	17.902	19.720	PASS



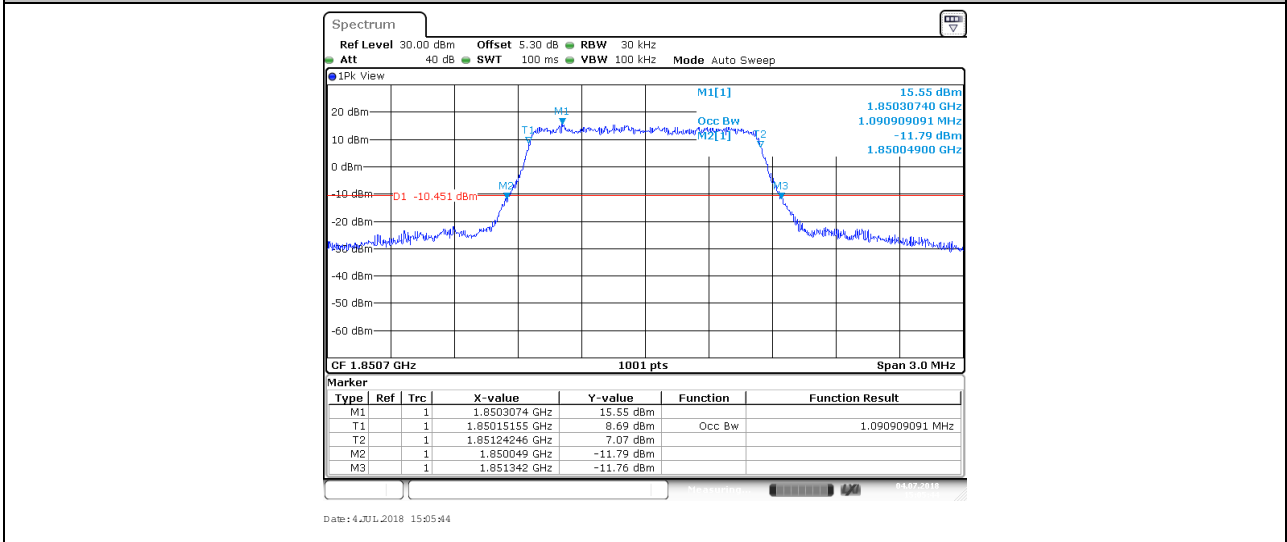
BAND2	20MHz	16QAM	18700	100RB#0	17.902	19.760	PASS
BAND2	20MHz	16QAM	18900	100RB#0	17.902	19.760	PASS
BAND2	20MHz	16QAM	19100	100RB#0	17.862	19.720	PASS

4.2. Test Plots

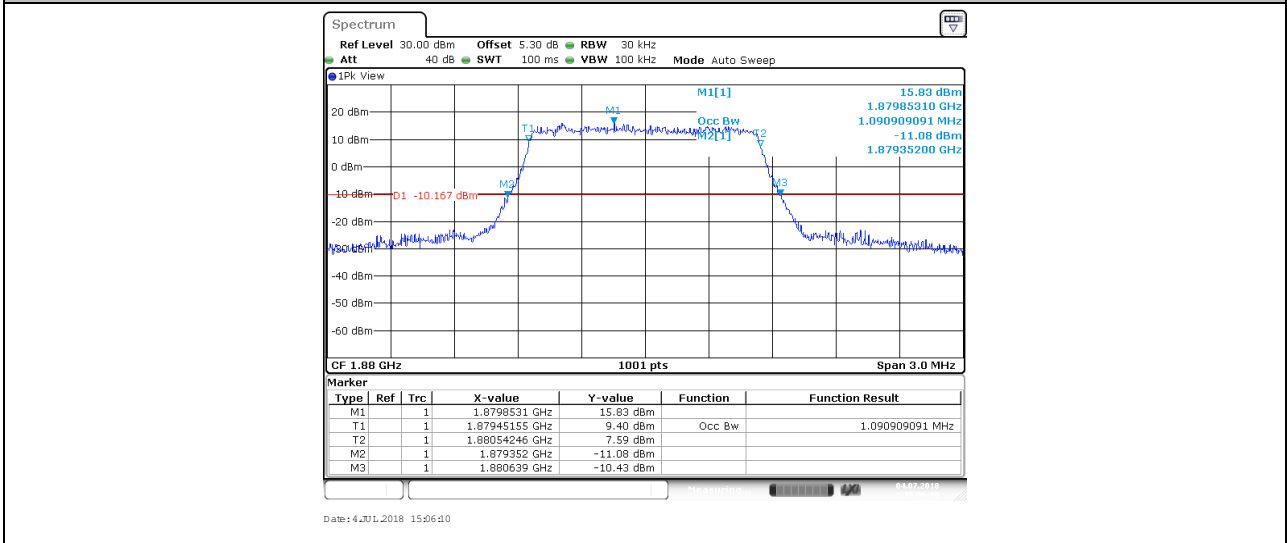




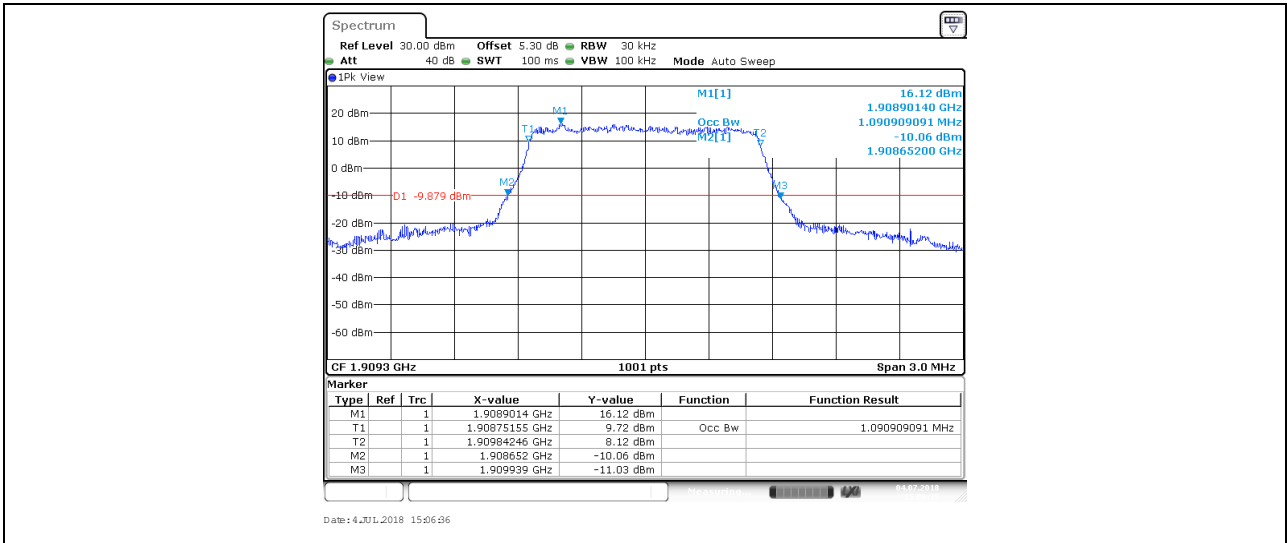
BAND2_1.4MHz_16QAM_18607_6RB#0



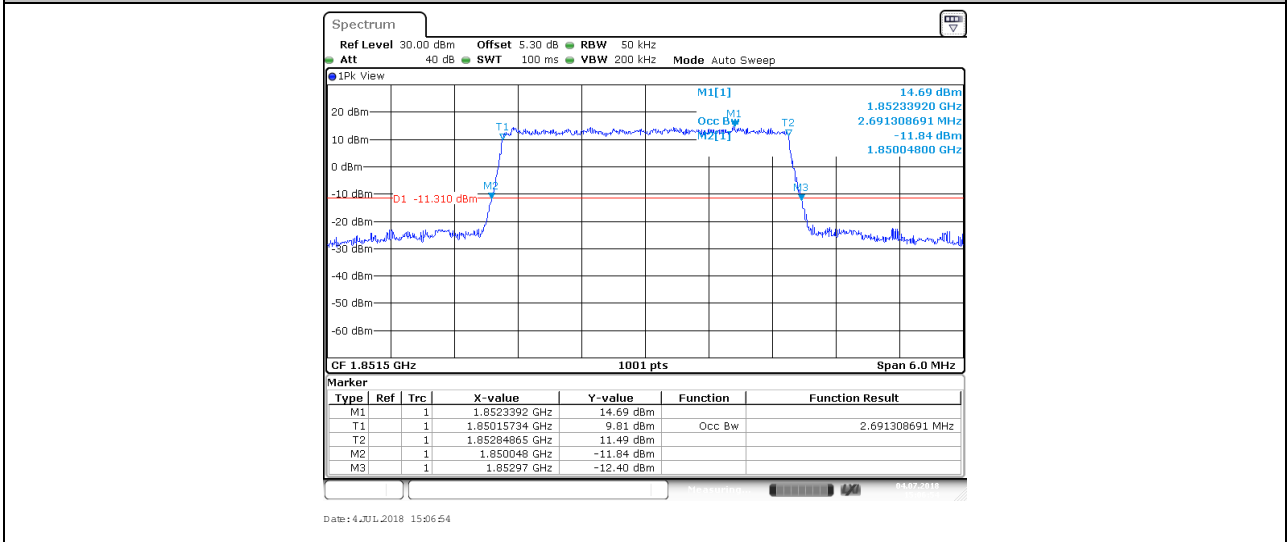
BAND2_1.4MHz_16QAM_18900_6RB#0



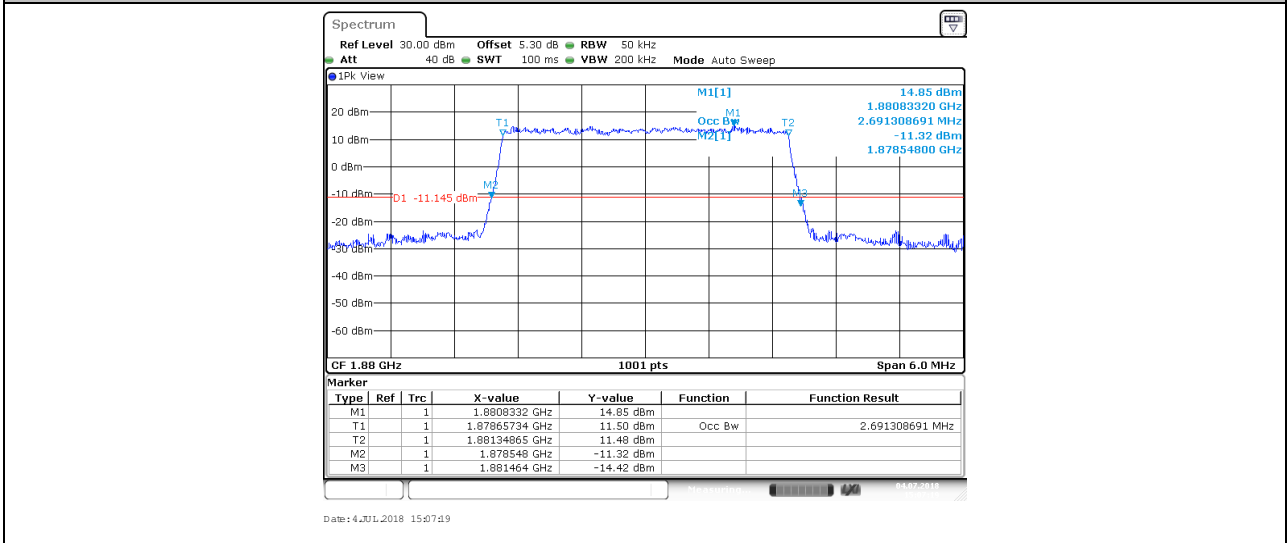
BAND2_1.4MHz_16QAM_19193_6RB#0



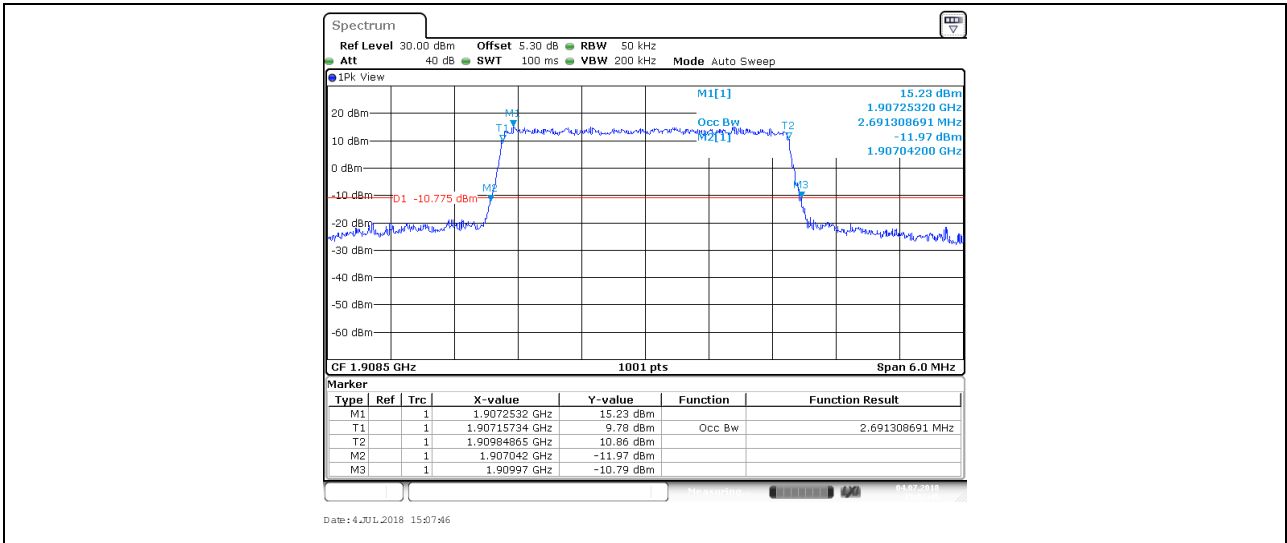
BAND2_3MHz_QPSK_18615_15RB#0



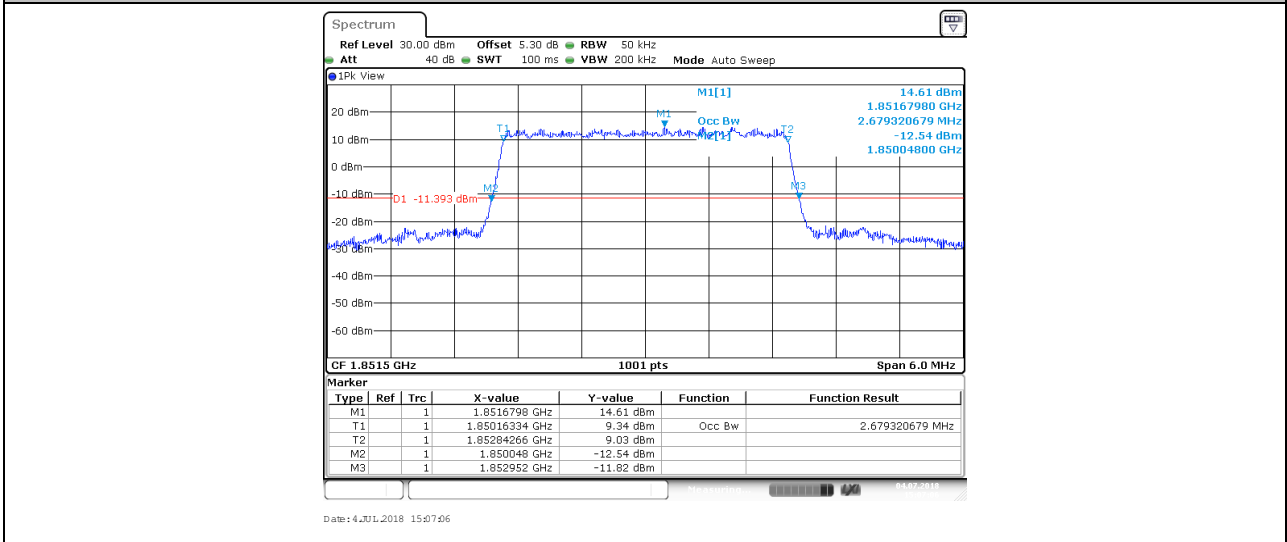
BAND2_3MHz_QPSK_18900_15RB#0



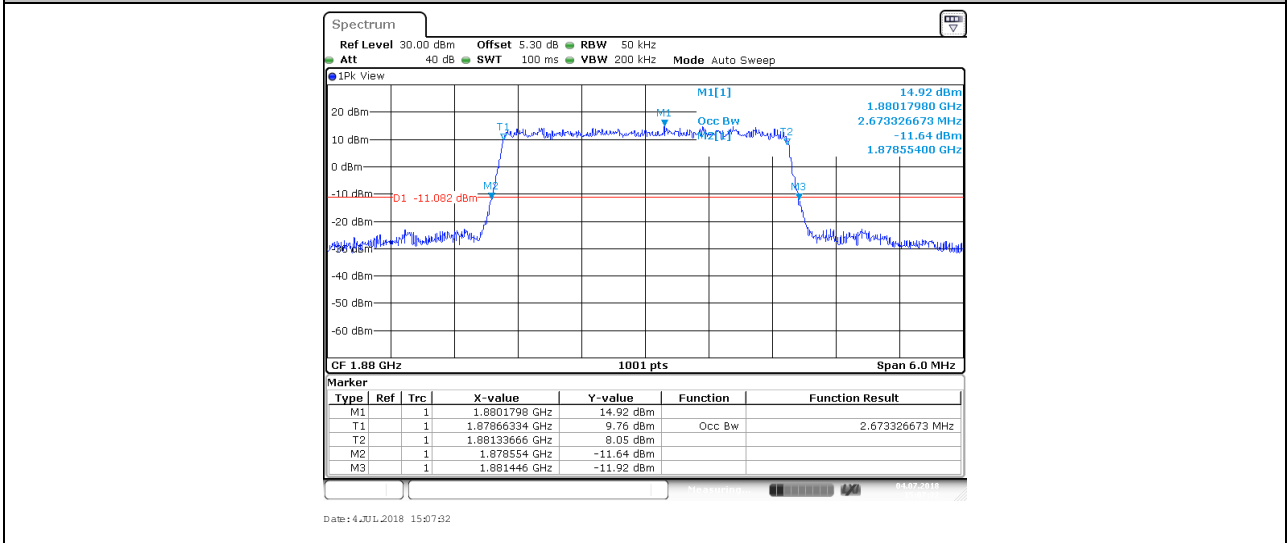
BAND2_3MHz_QPSK_19185_15RB#0



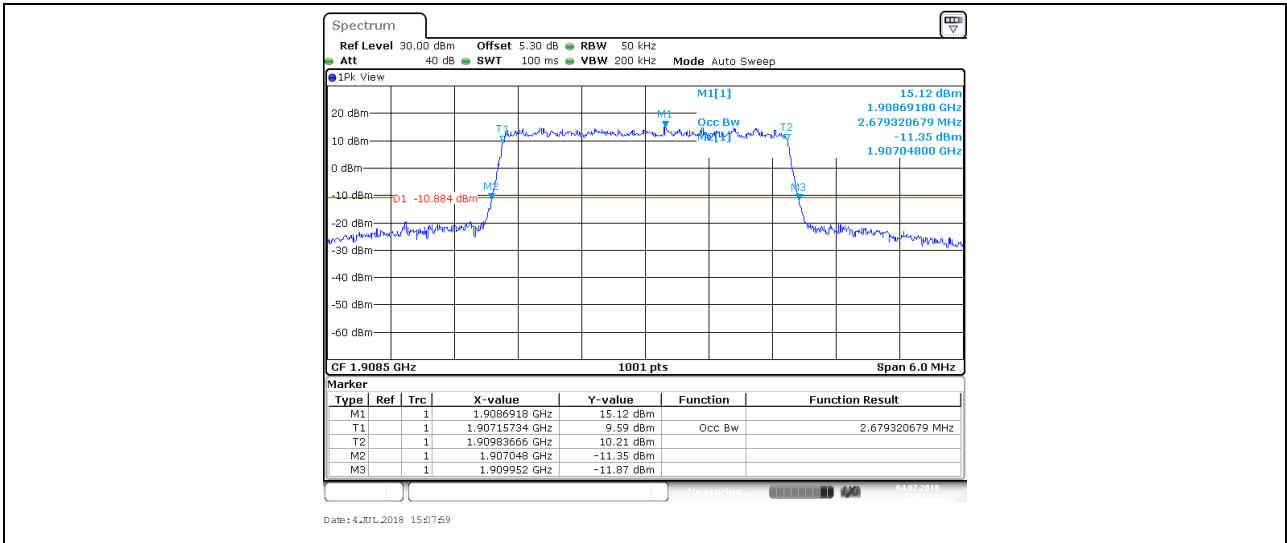
BAND2_3MHz_16QAM_18615_15RB#0



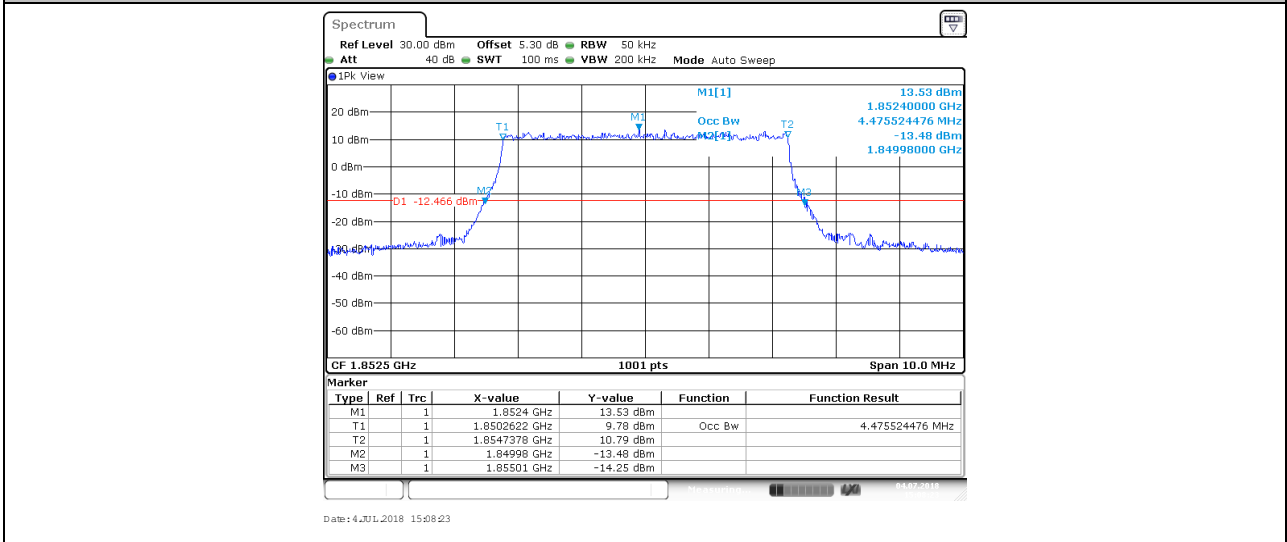
BAND2_3MHz_16QAM_18900_15RB#0



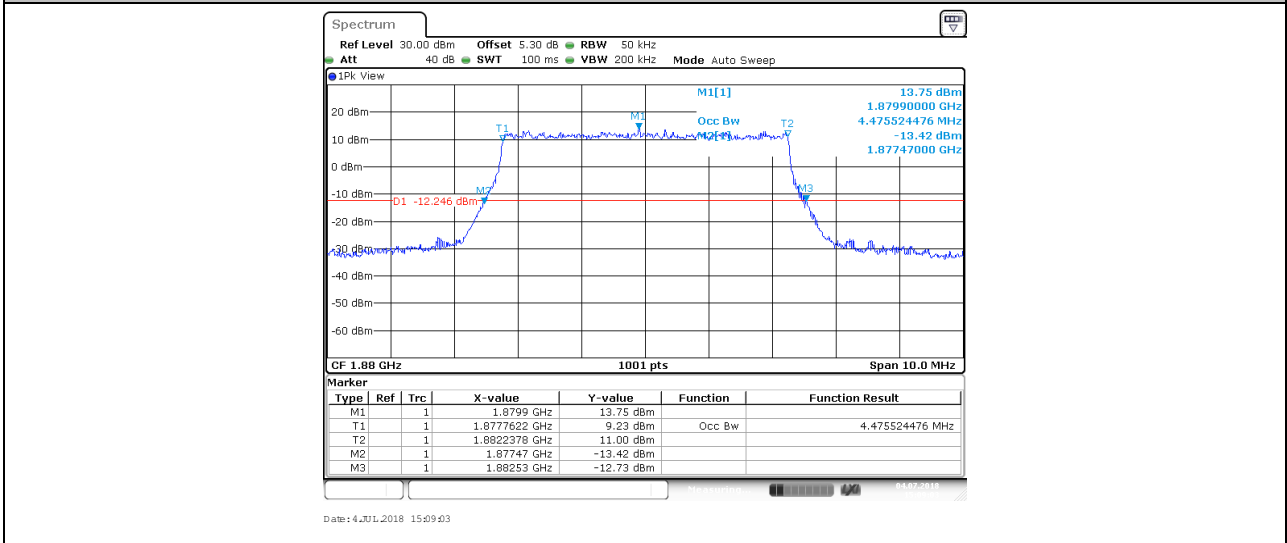
BAND2_3MHz_16QAM_19185_15RB#0



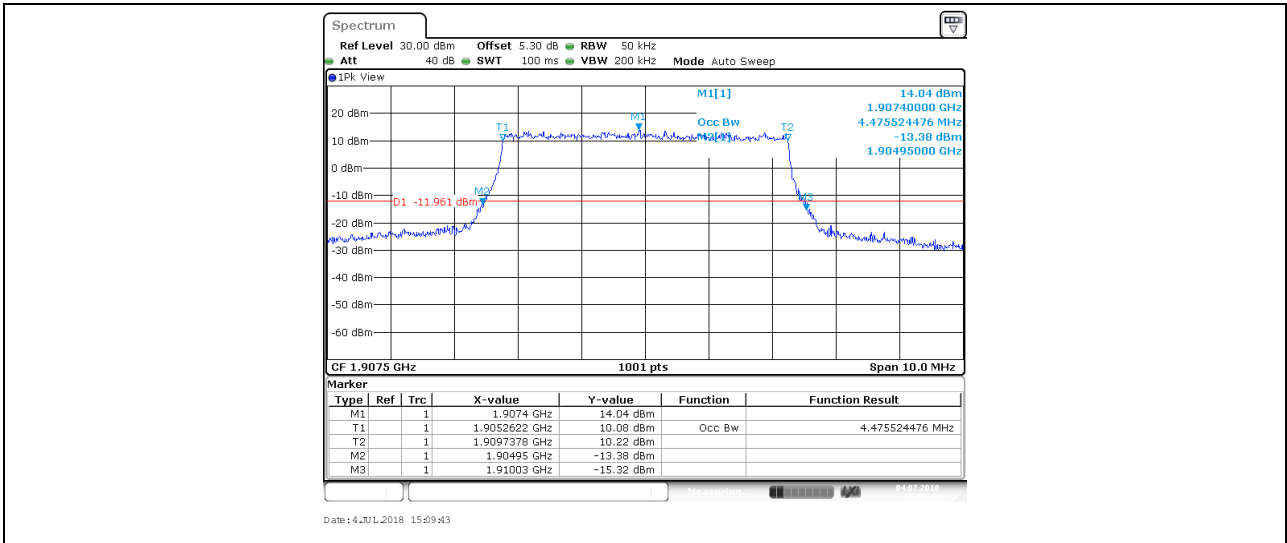
BAND2_5MHz_QPSK_18625_25RB#0



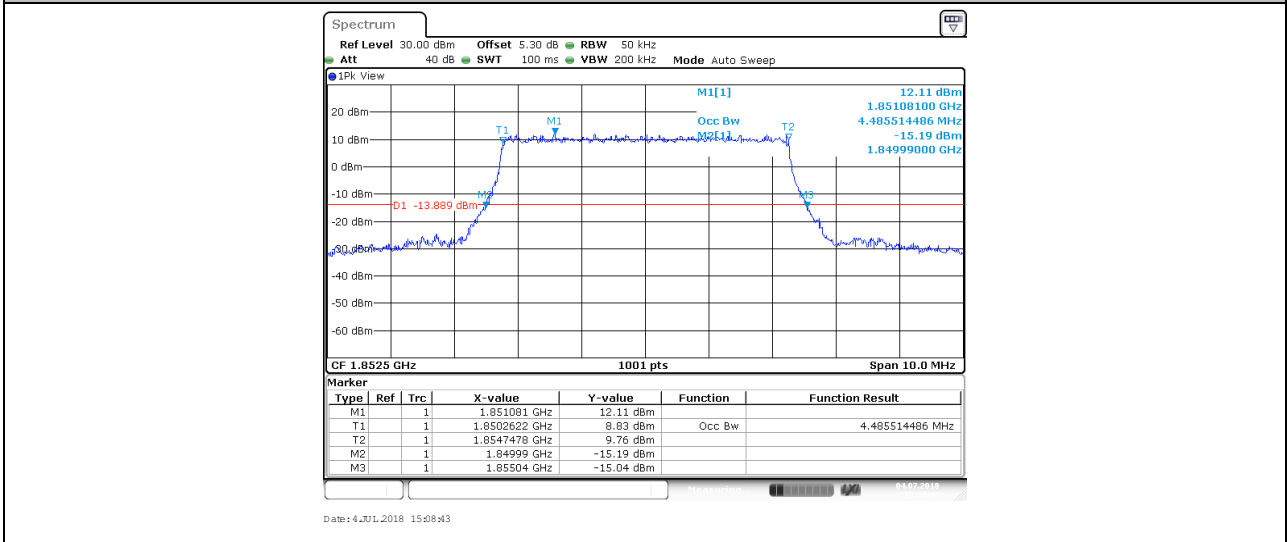
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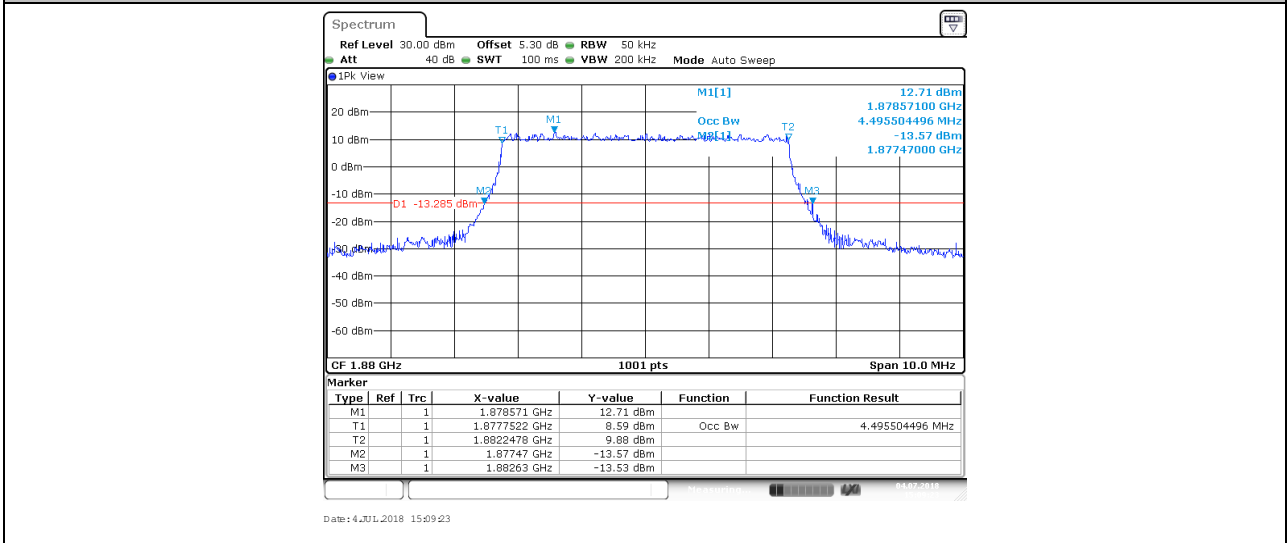
BAND2_5MHz_QPSK_19175_25RB#0



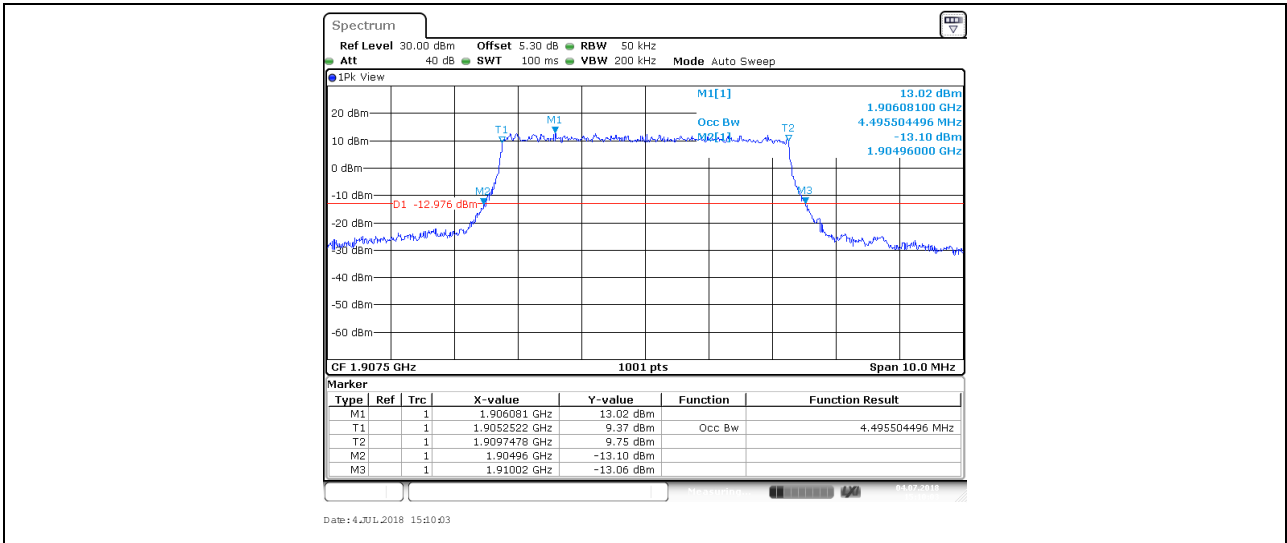
BAND2_5MHz_16QAM_18625_25RB#0



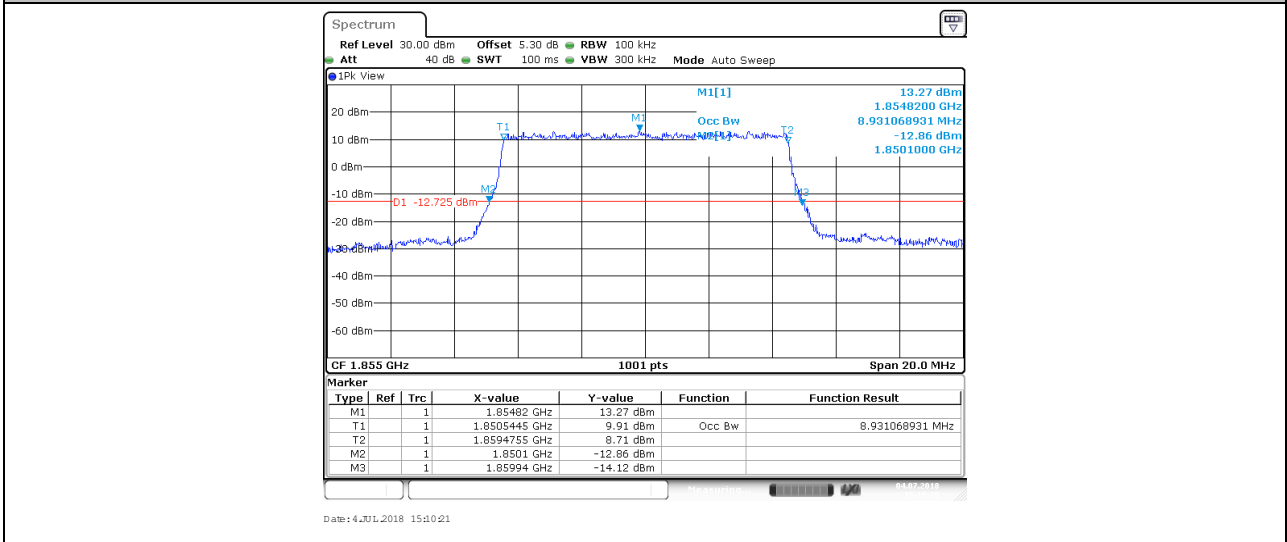
BAND2_5MHz_16QAM_18900_25RB#0



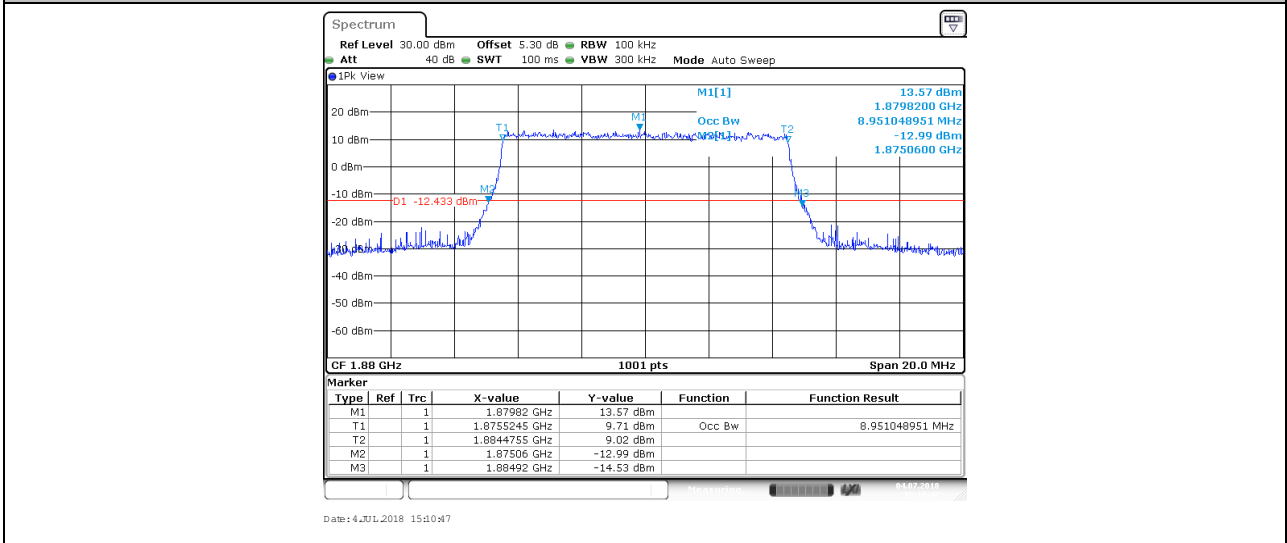
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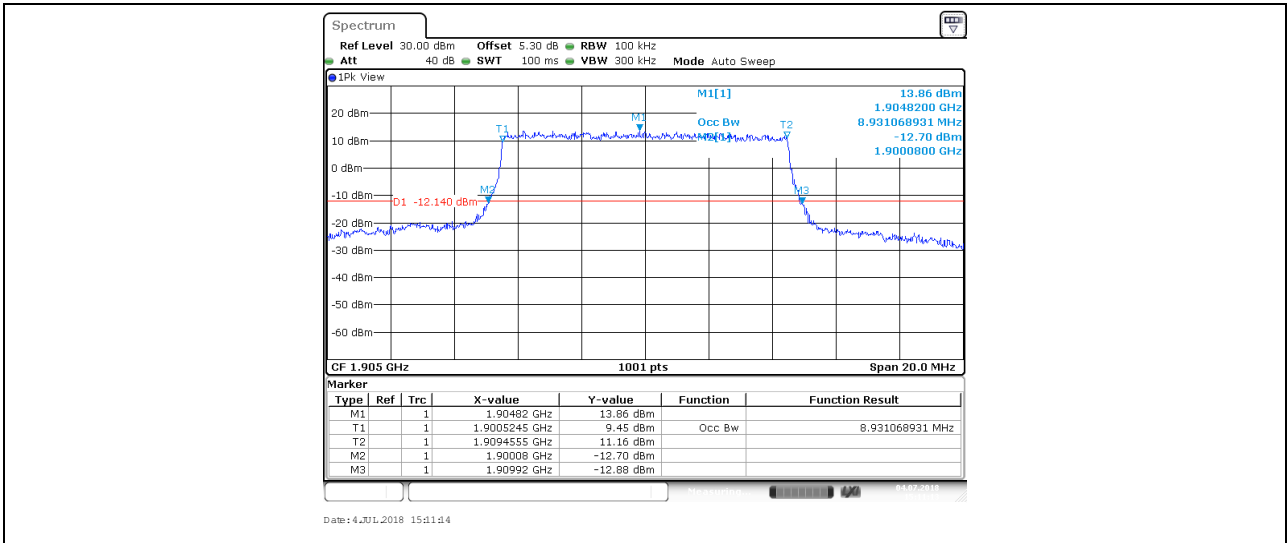
BAND2_10MHz_QPSK_18650_50RB#0



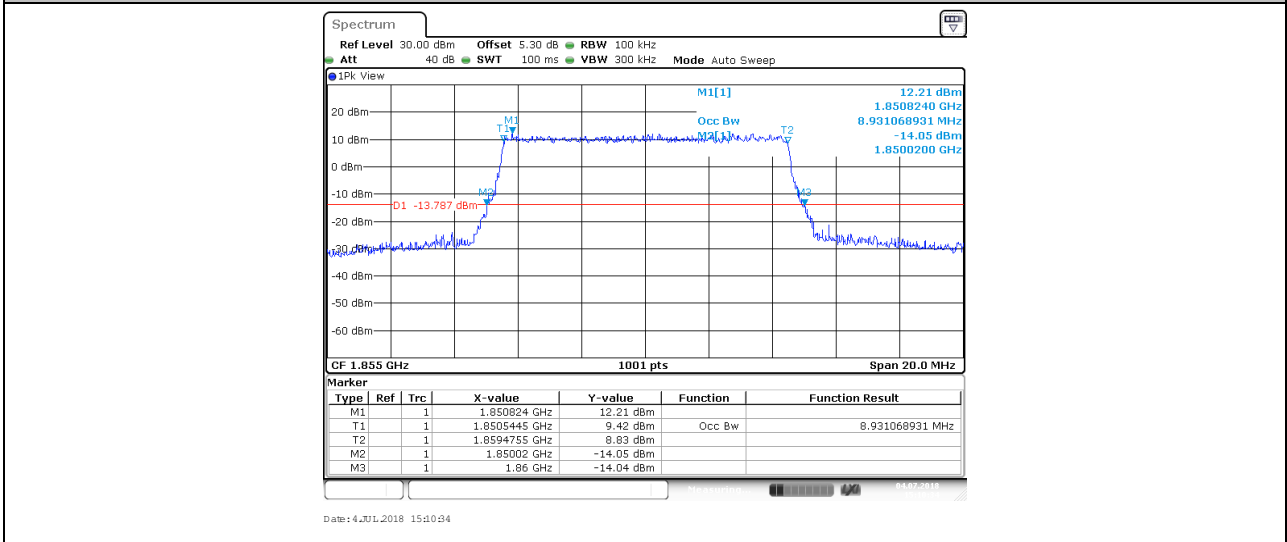
BAND2_10MHz_QPSK_18900_50RB#0



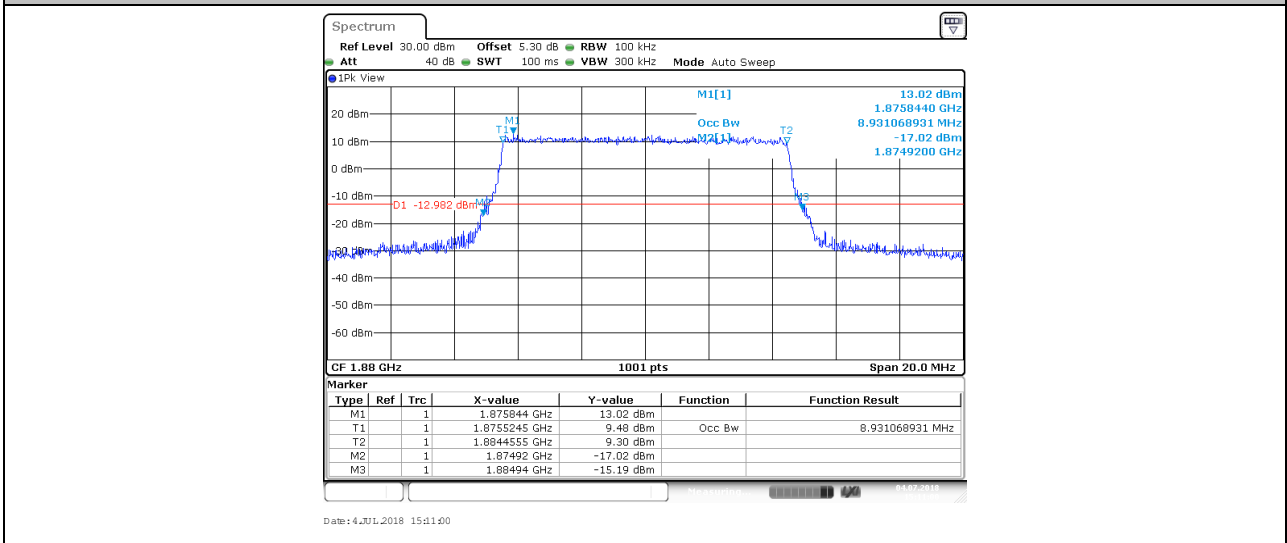
BAND2_10MHz_QPSK_19150_50RB#0



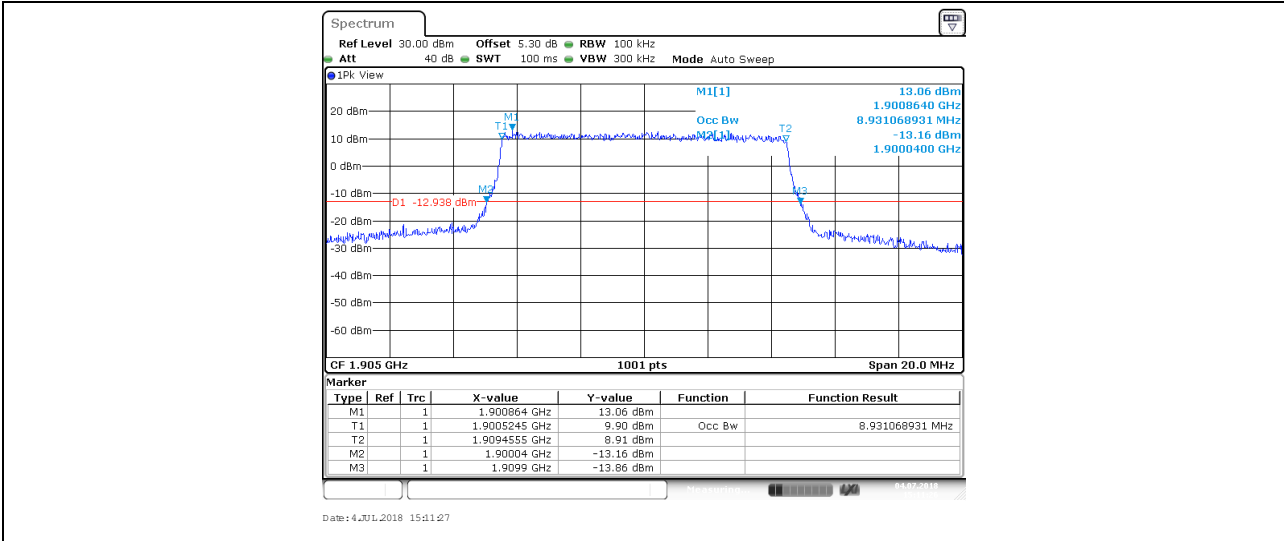
BAND2_10MHz_16QAM_18650_50RB#0



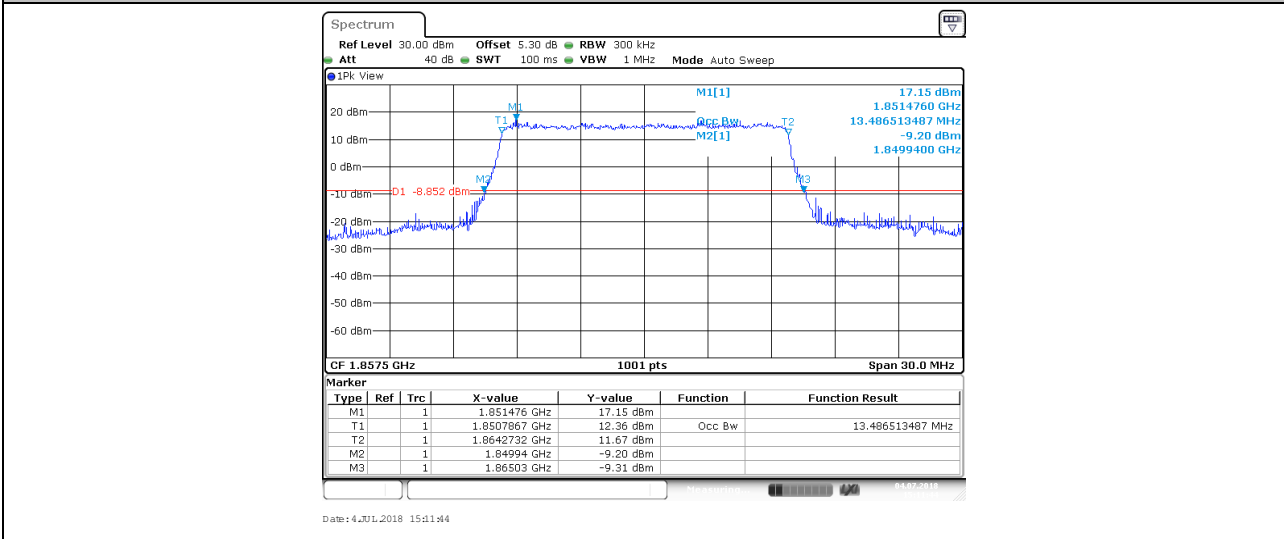
BAND2_10MHz_16QAM_18900_50RB#0



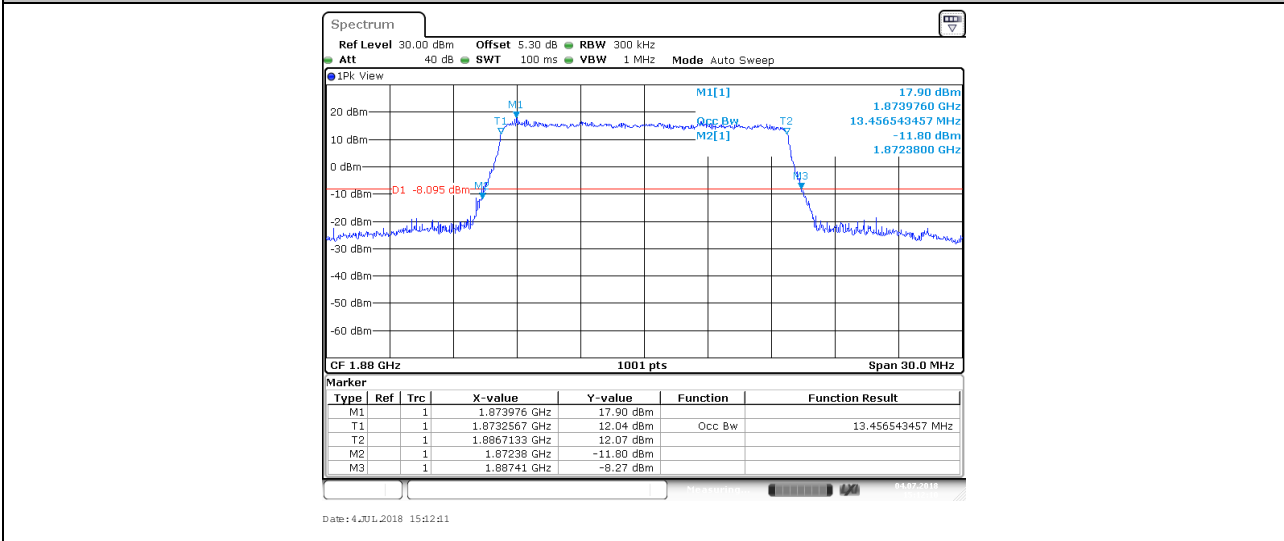
BAND2_10MHz_16QAM_19150_50RB#0



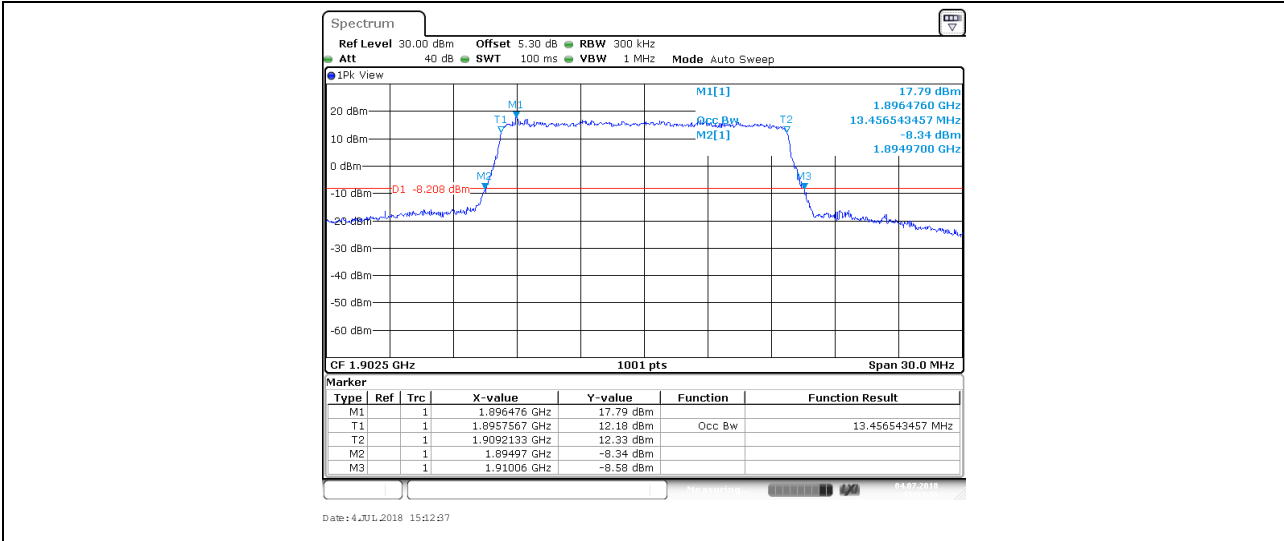
BAND2_15MHz_QPSK_18675_75RB#0



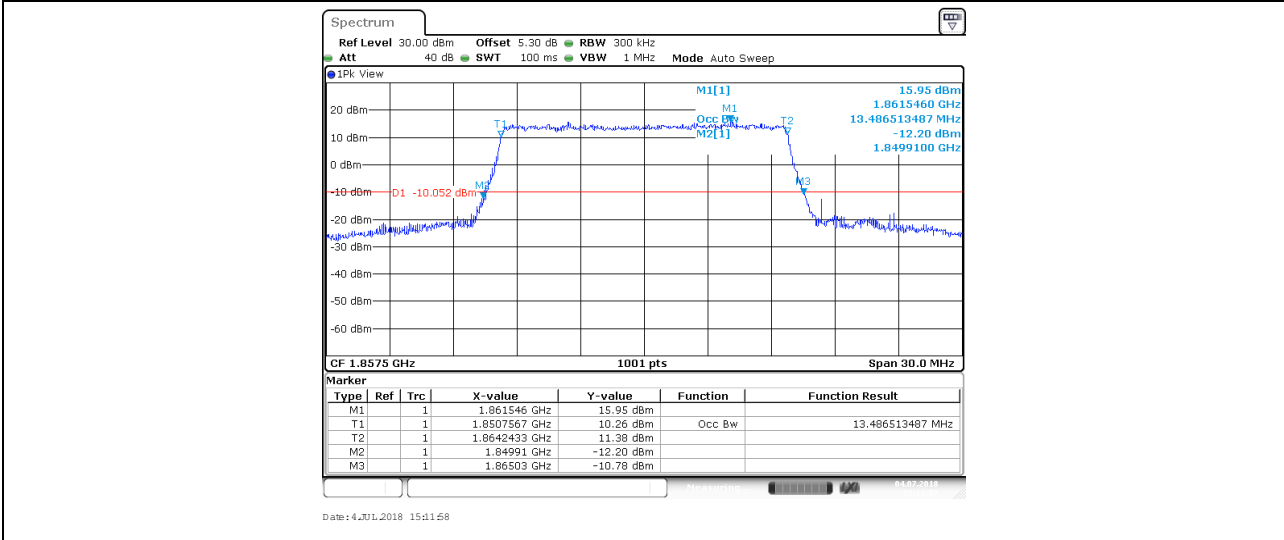
BAND2_15MHz_QPSK_18900_75RB#0



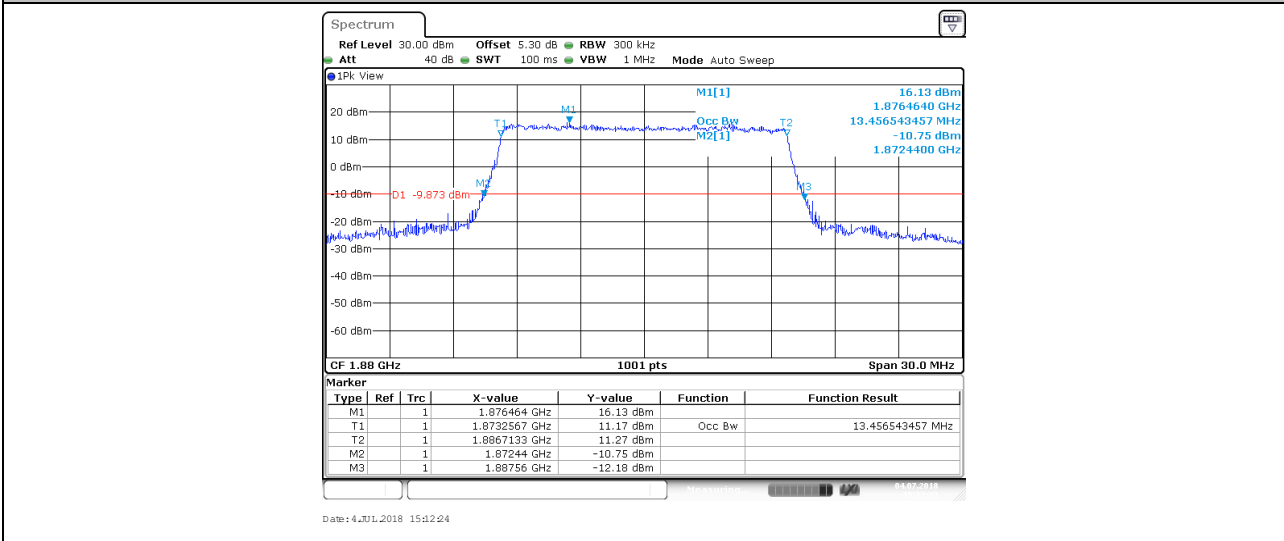
BAND2_15MHz_QPSK_19125_75RB#0



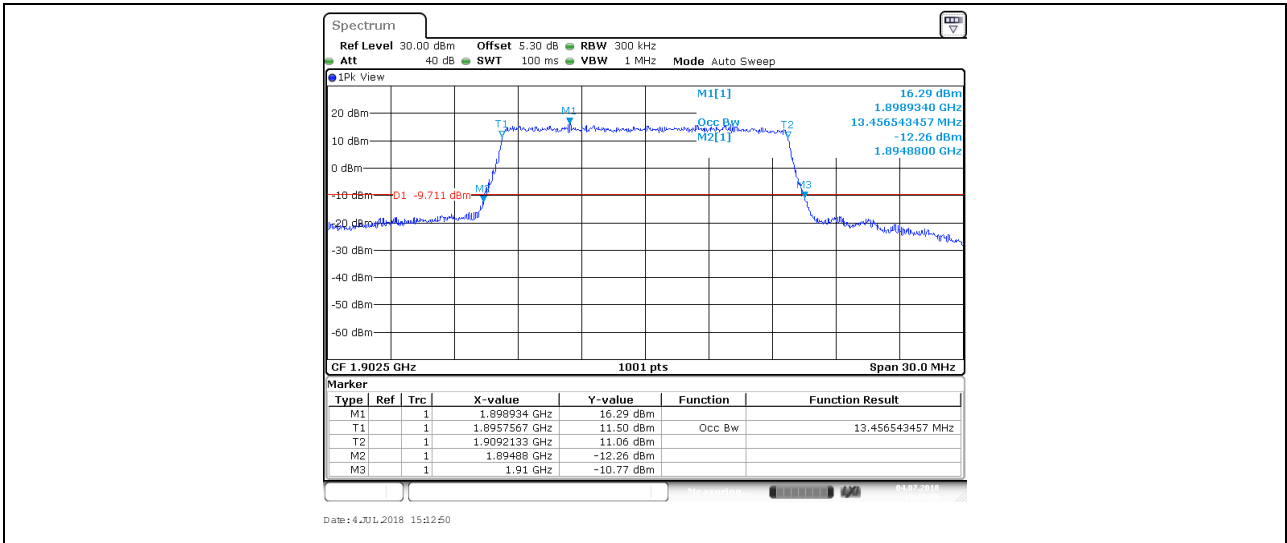
BAND2_15MHz_16QAM_18675_75RB#0



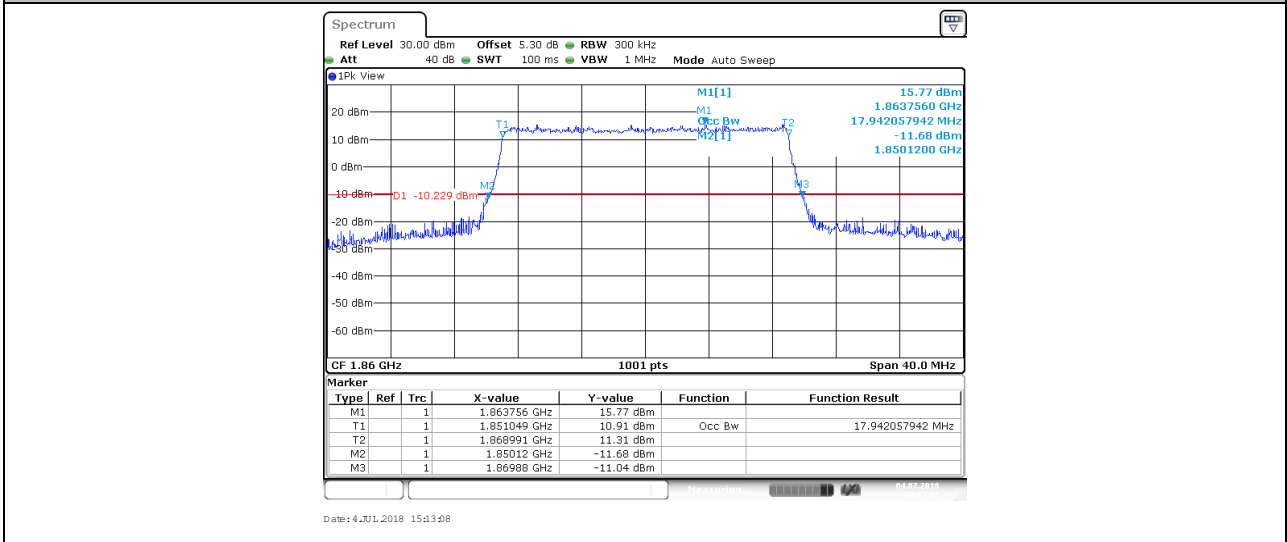
BAND2_15MHz_16QAM_18900_75RB#0



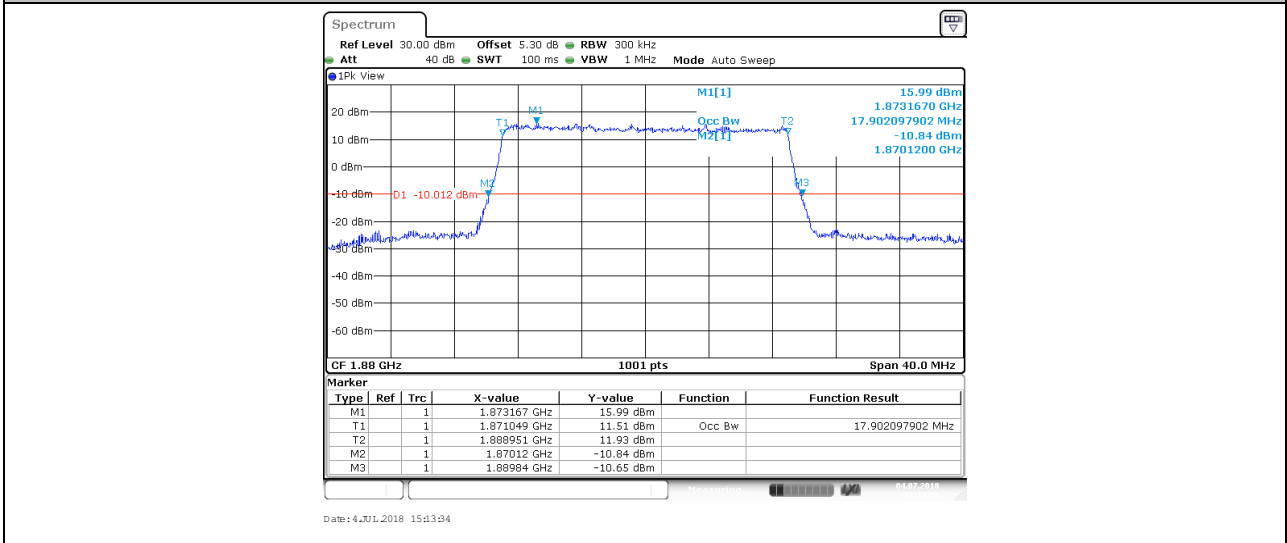
BAND2_15MHz_16QAM_19125_75RB#0



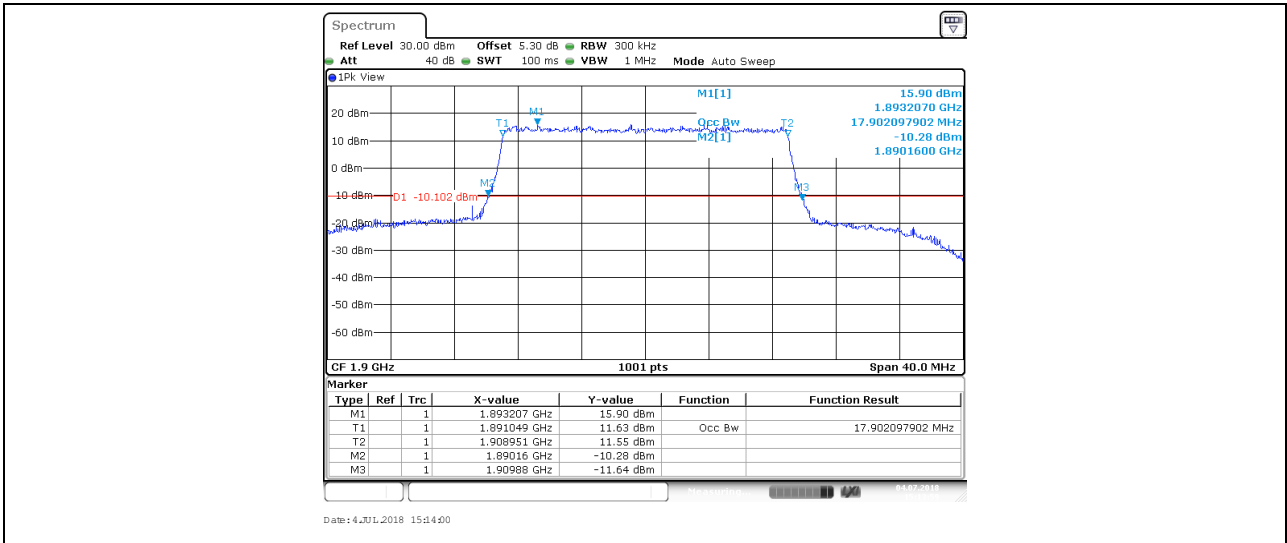
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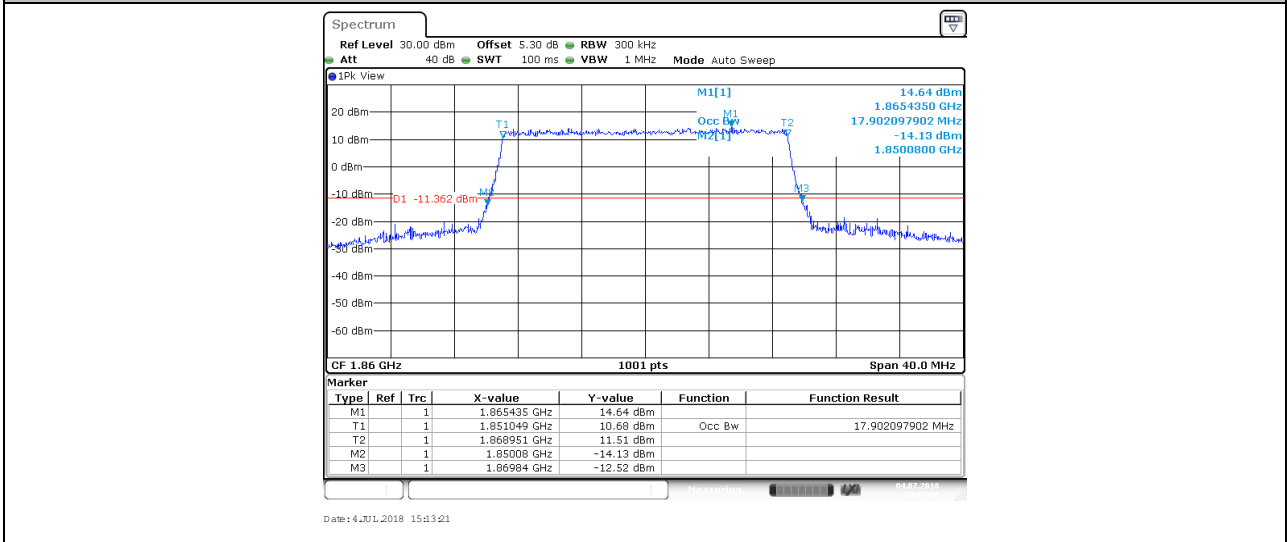
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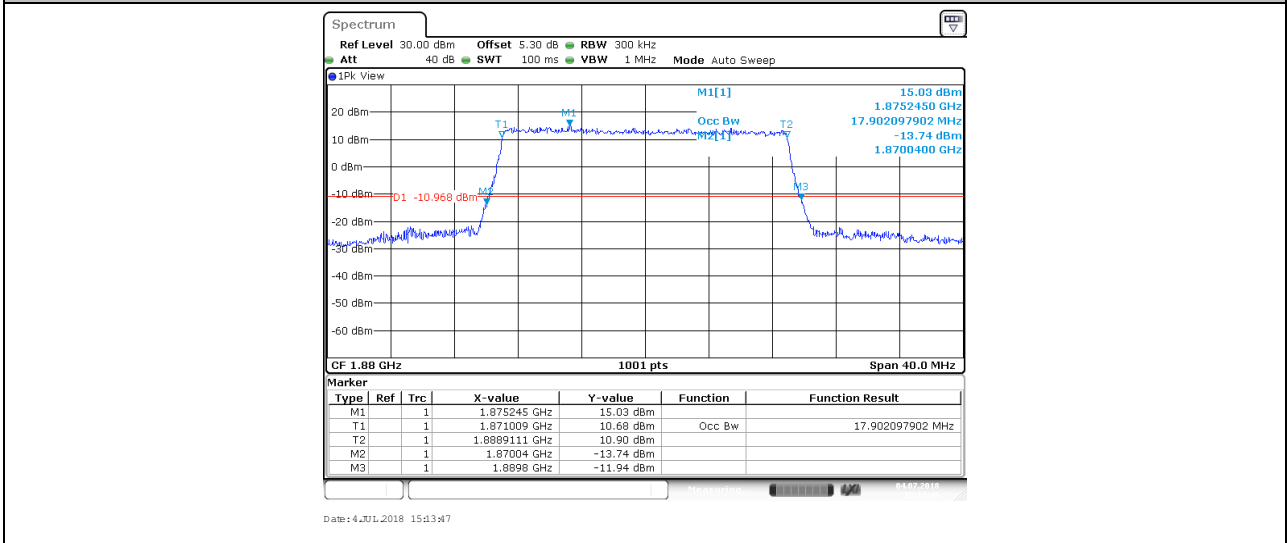
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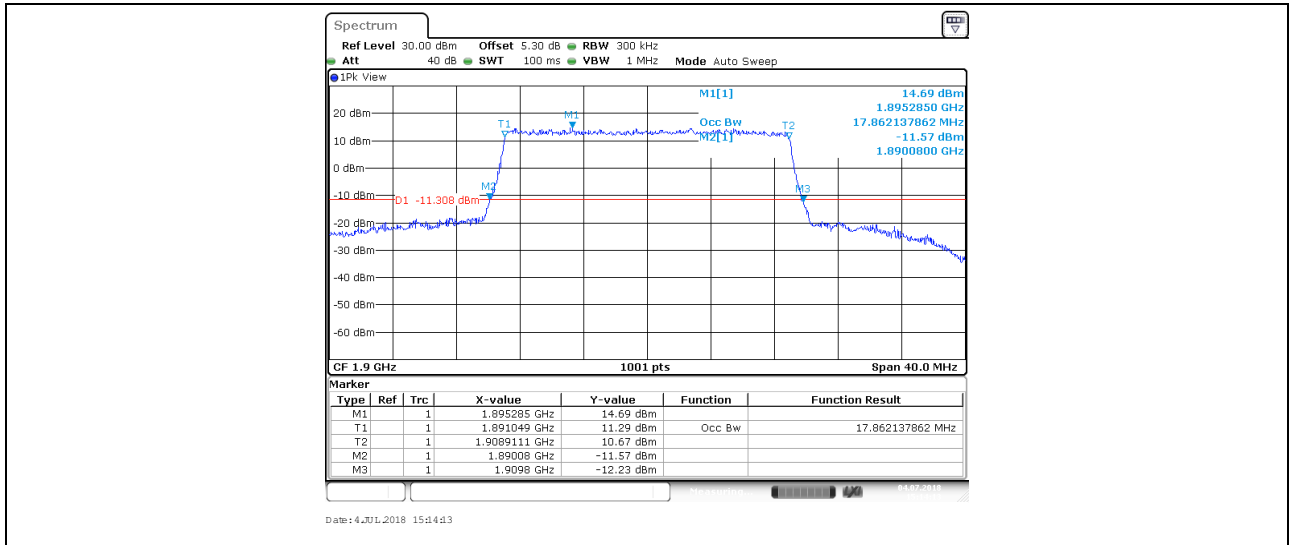
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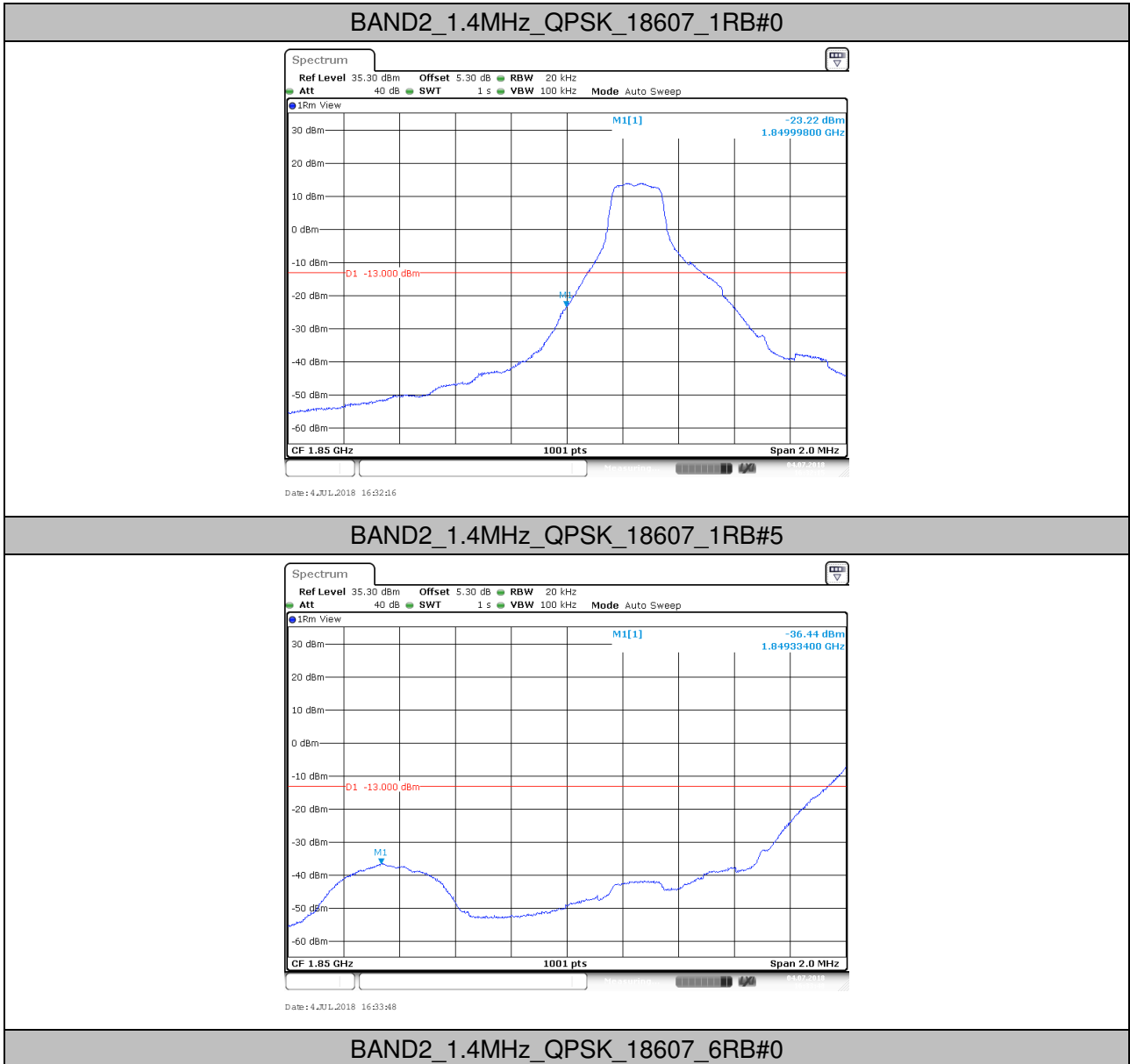


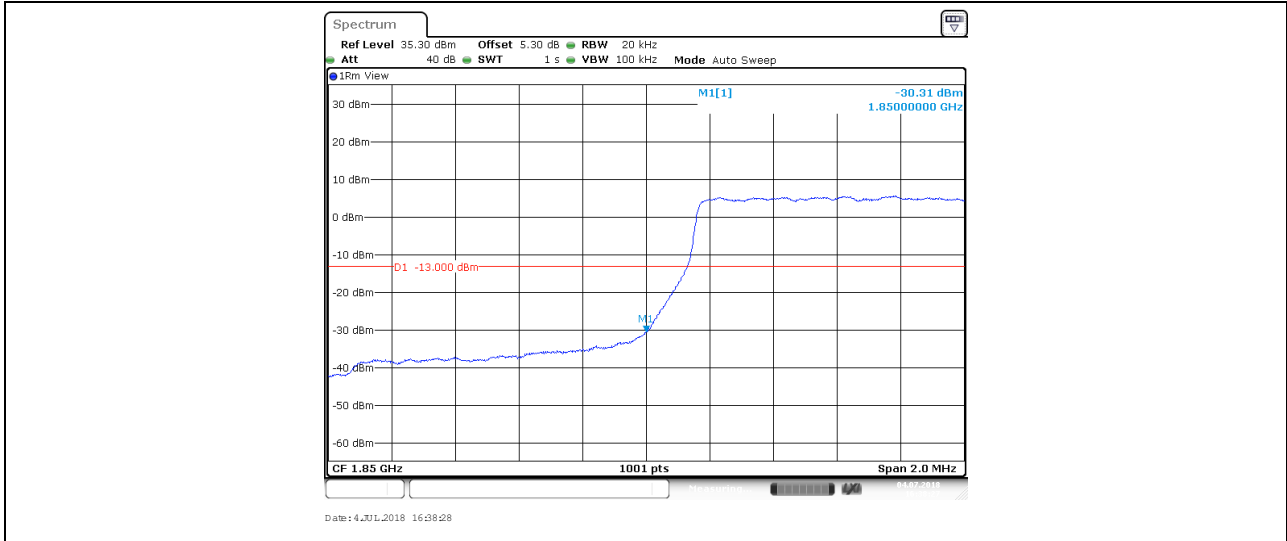
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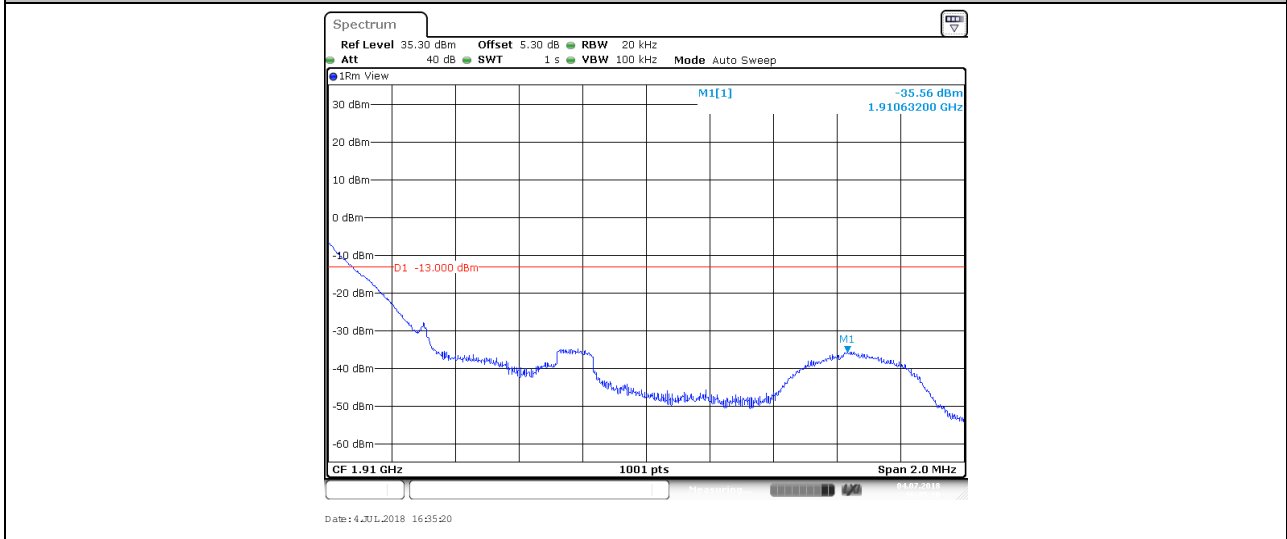
5. Band Edge Compliance

5.1. Test Plots

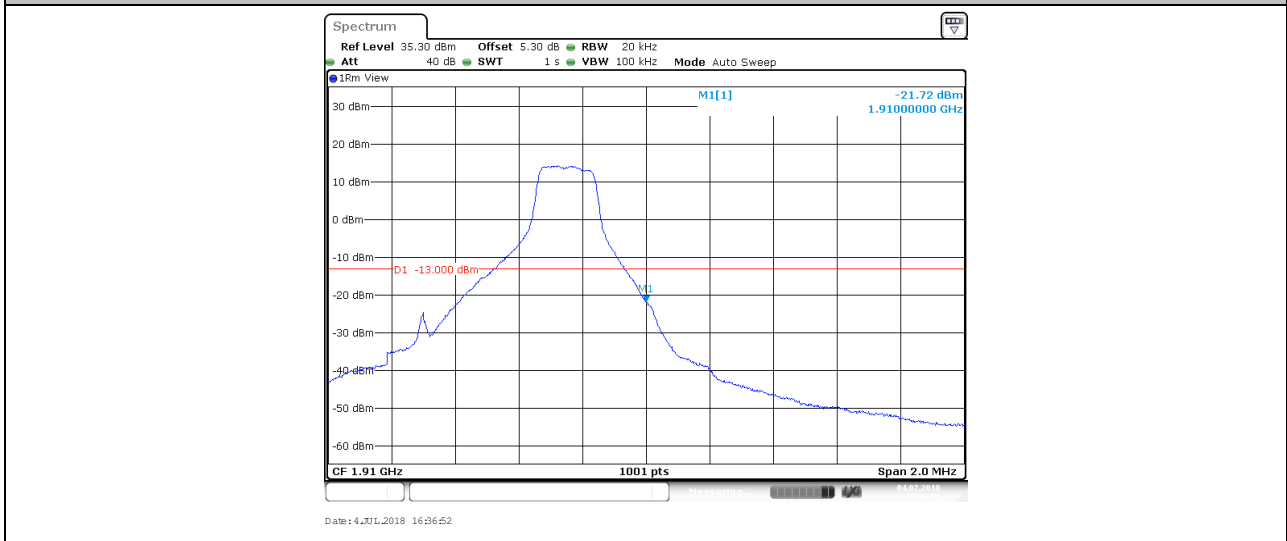




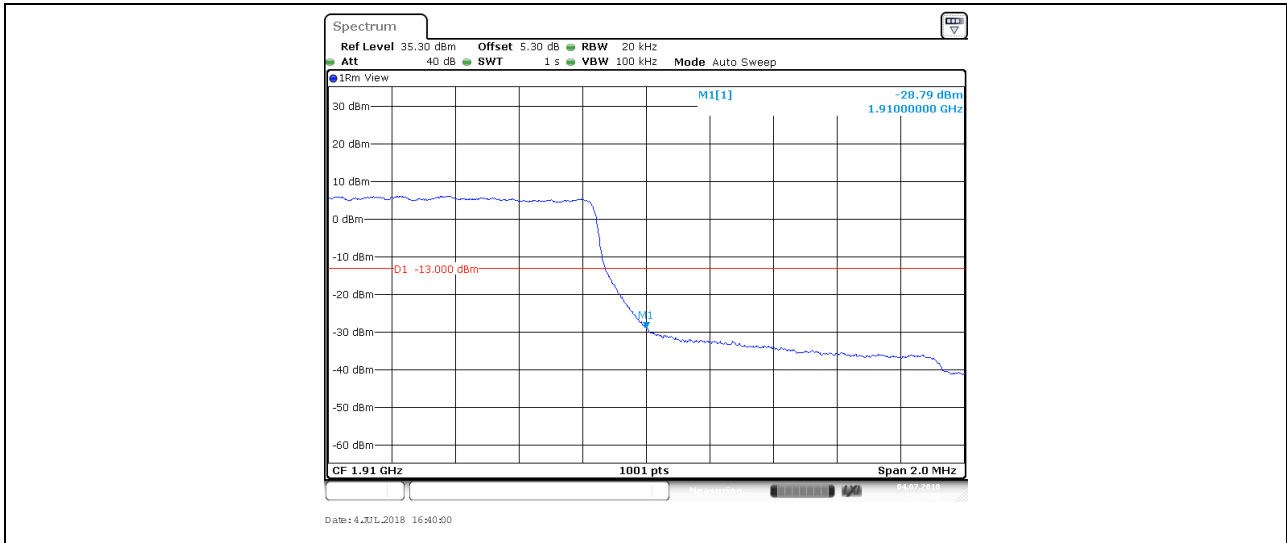
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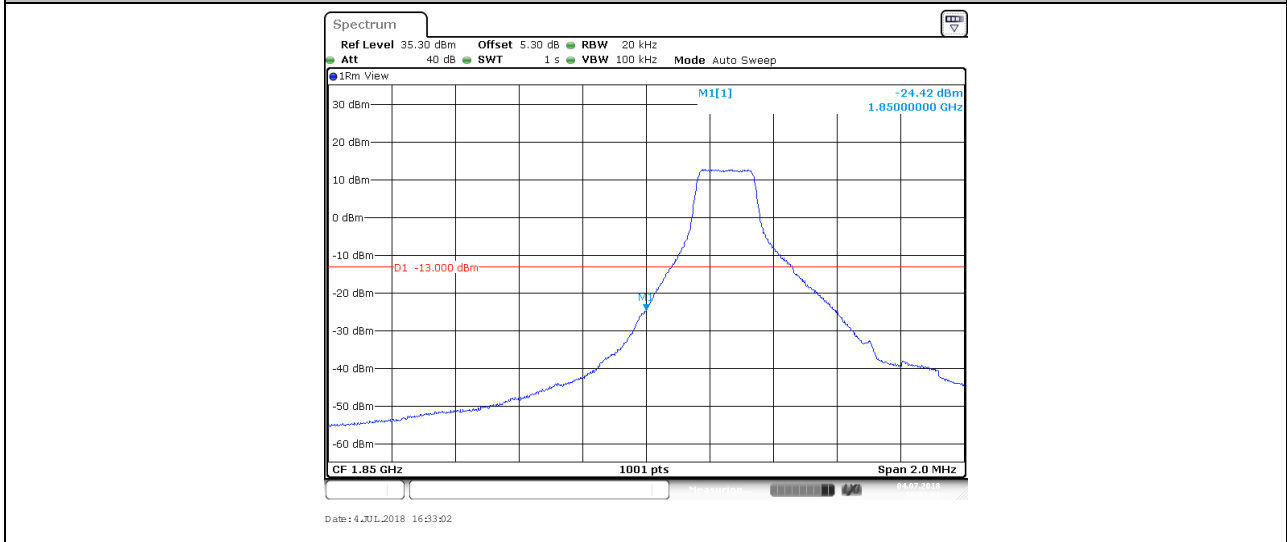
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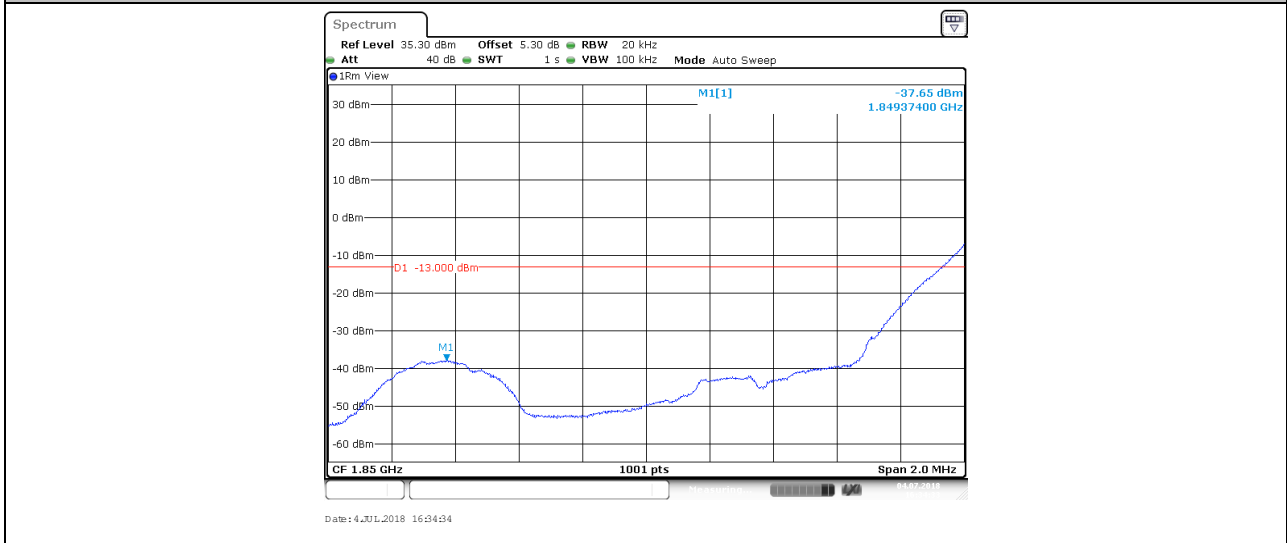
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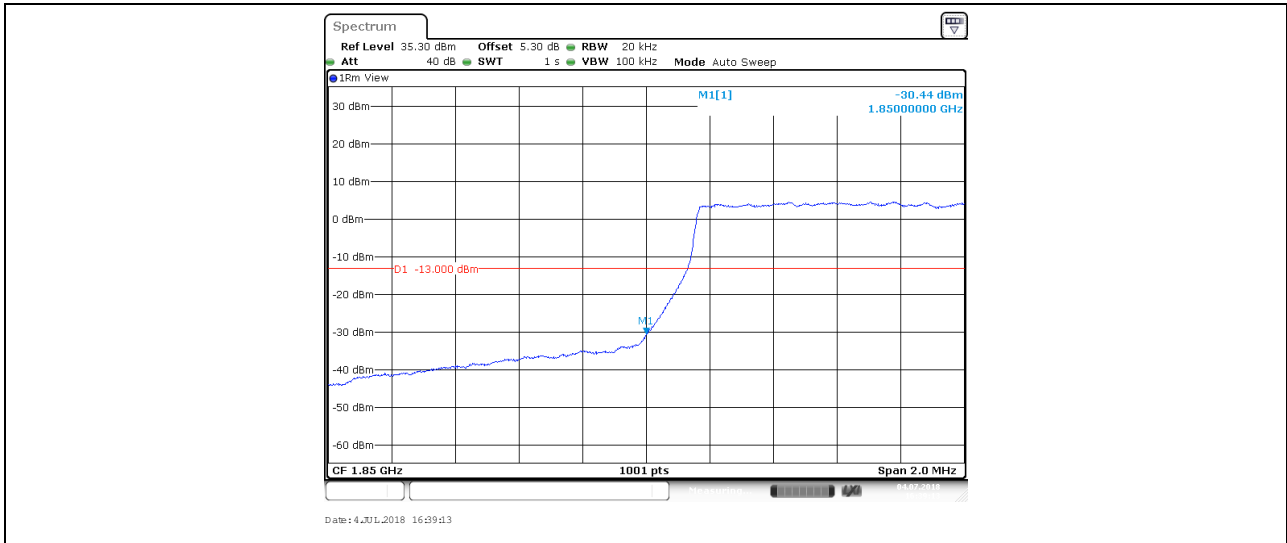
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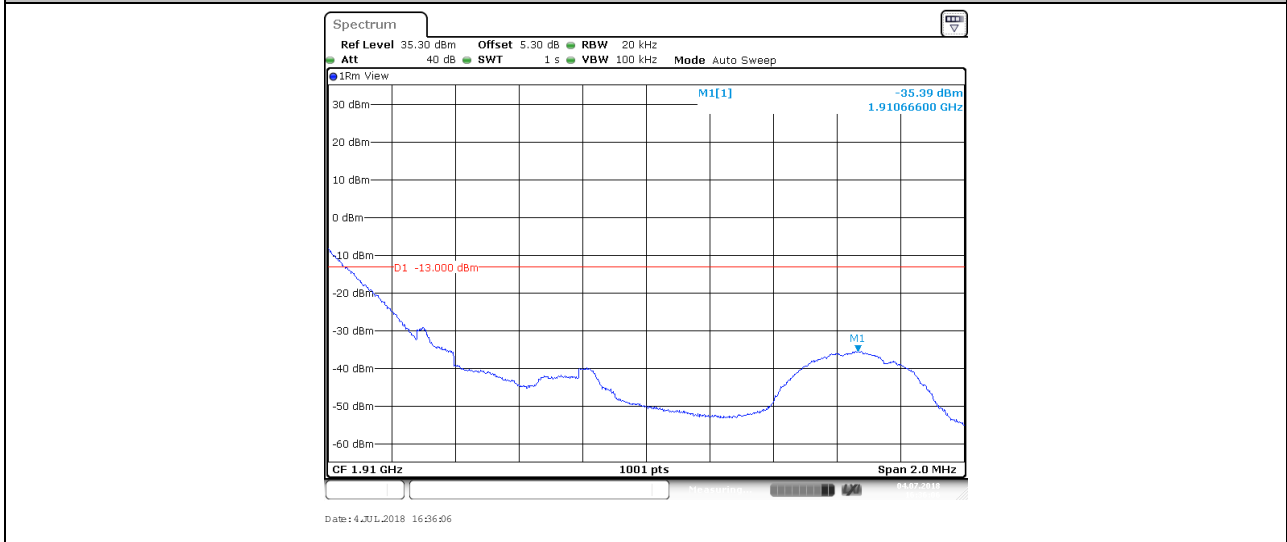
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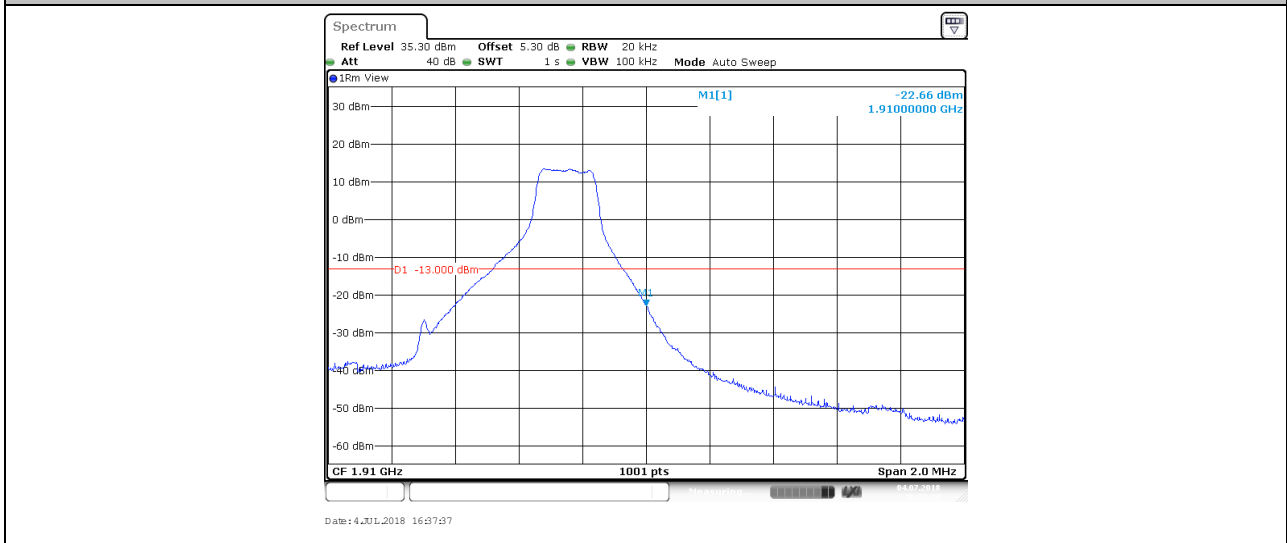
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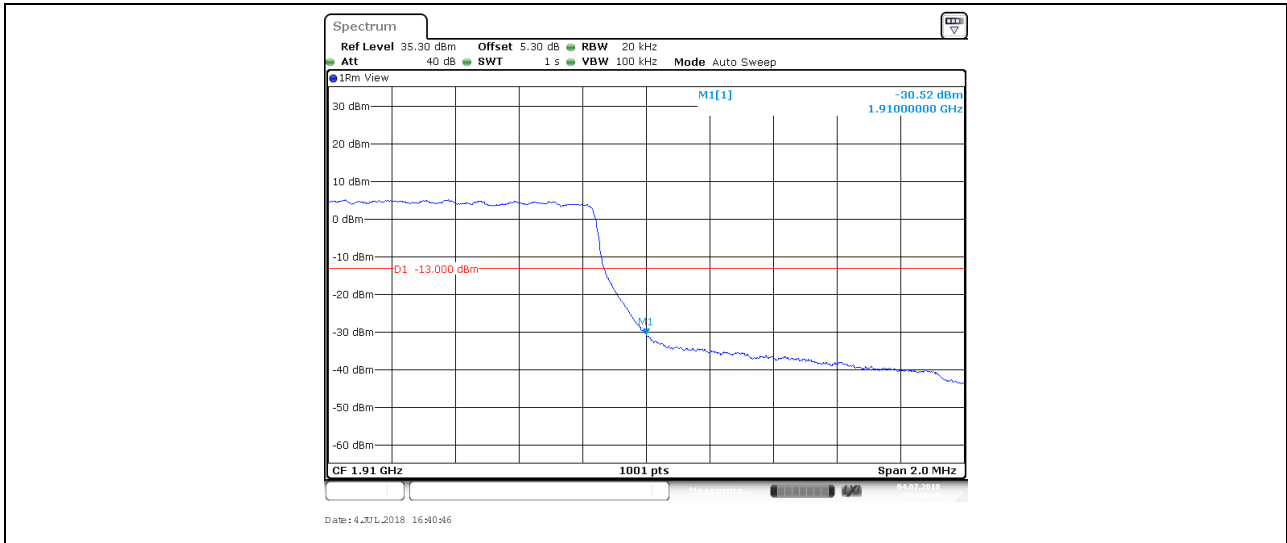
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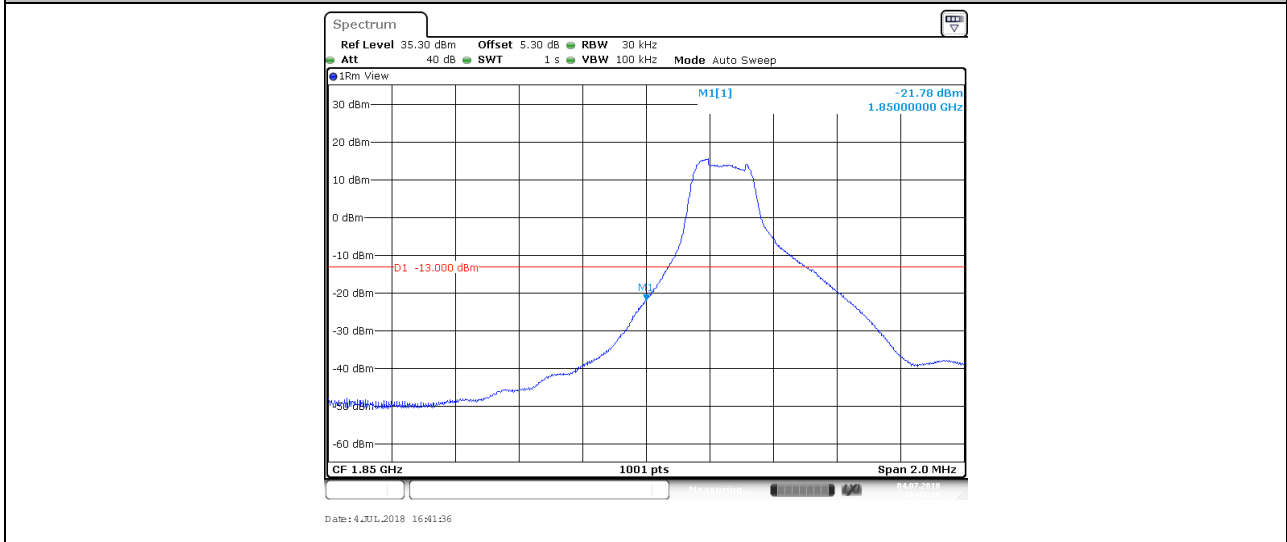
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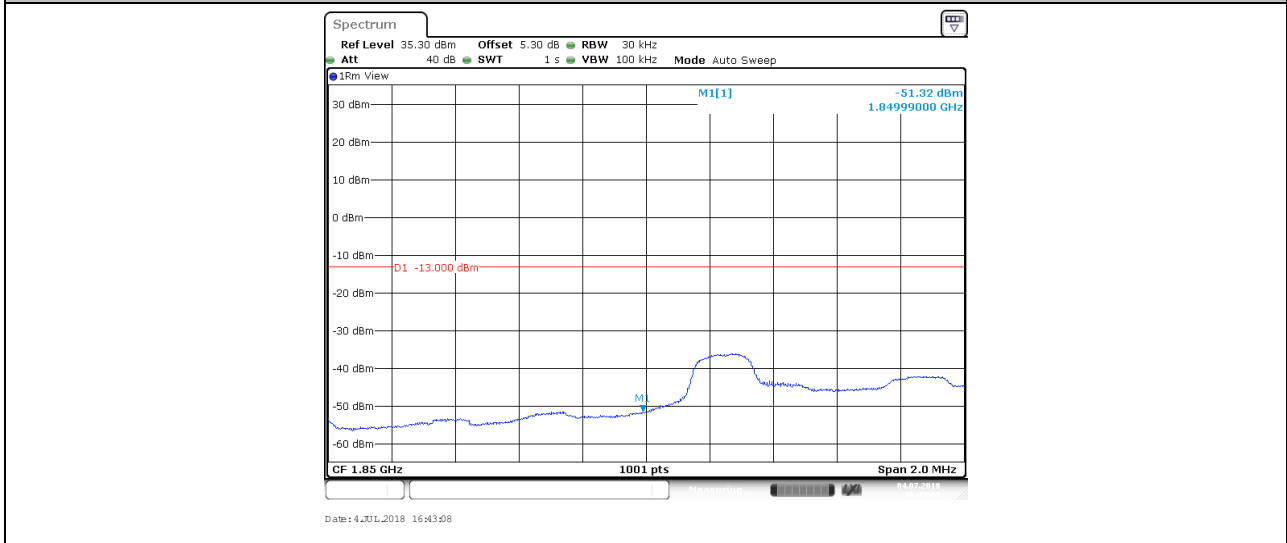
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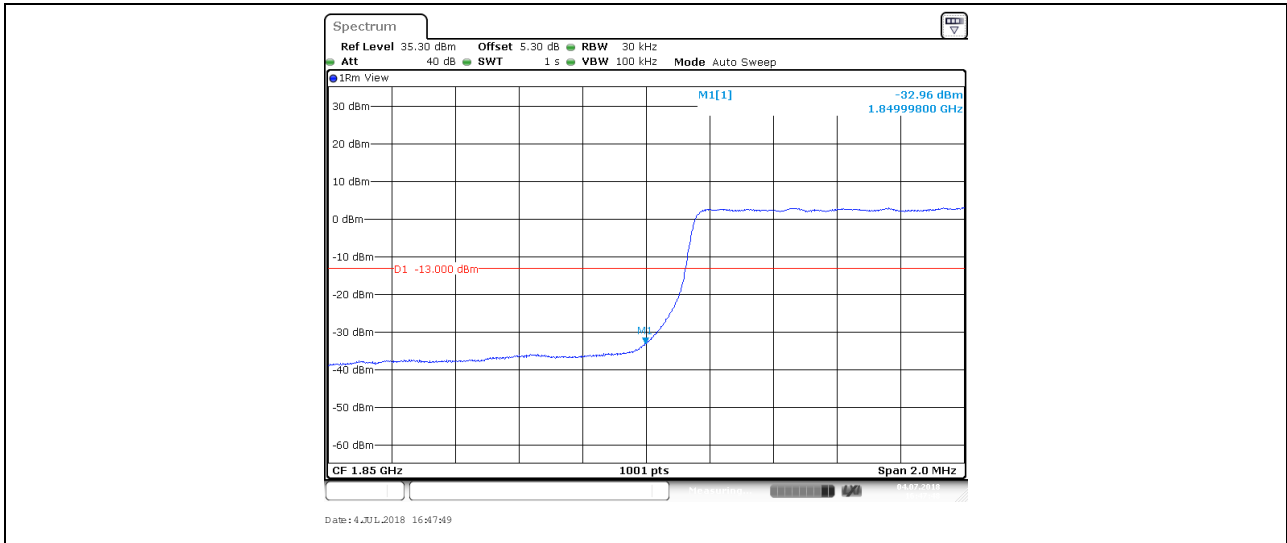
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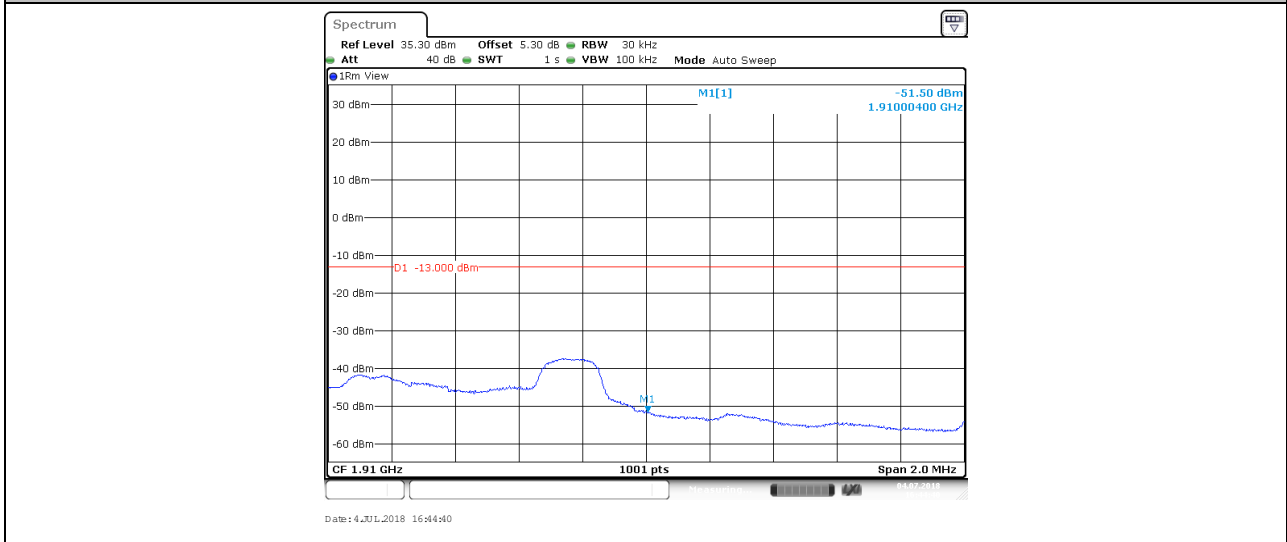
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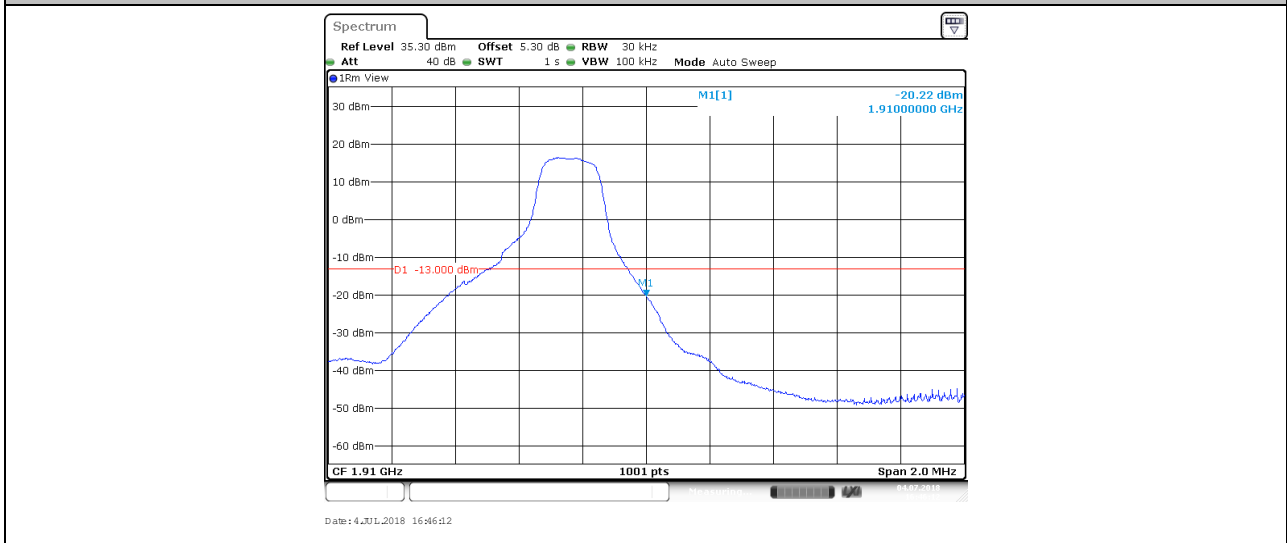
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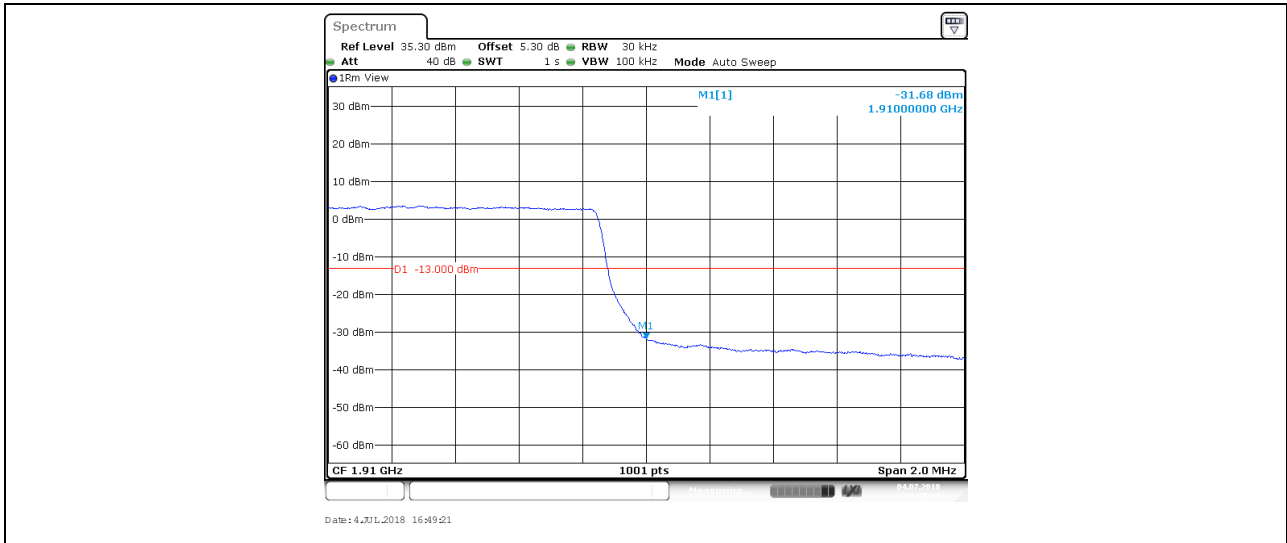
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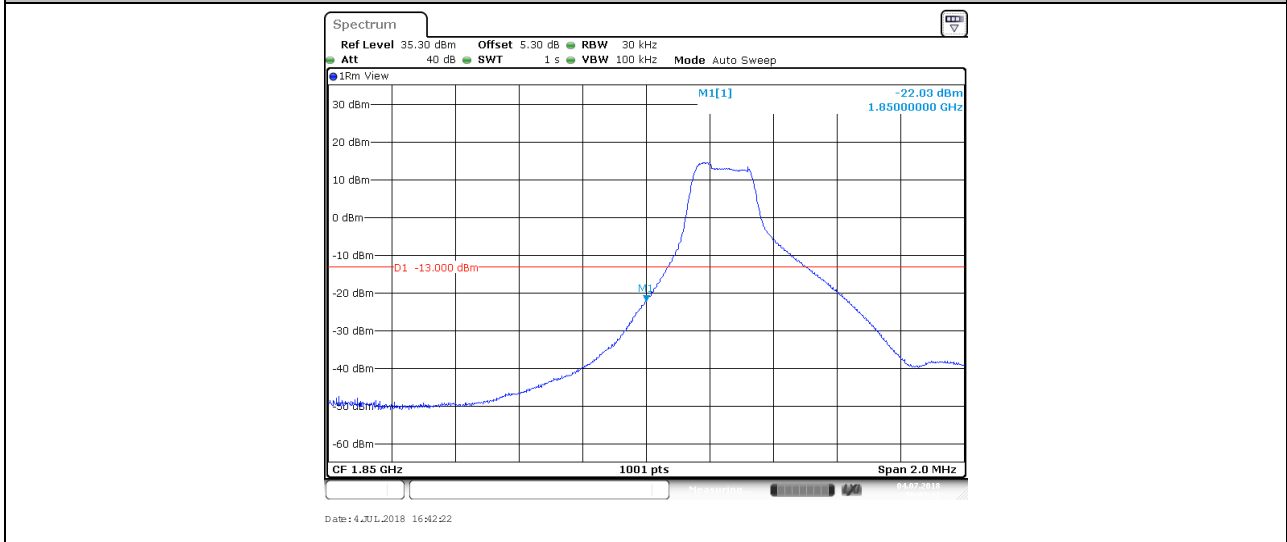
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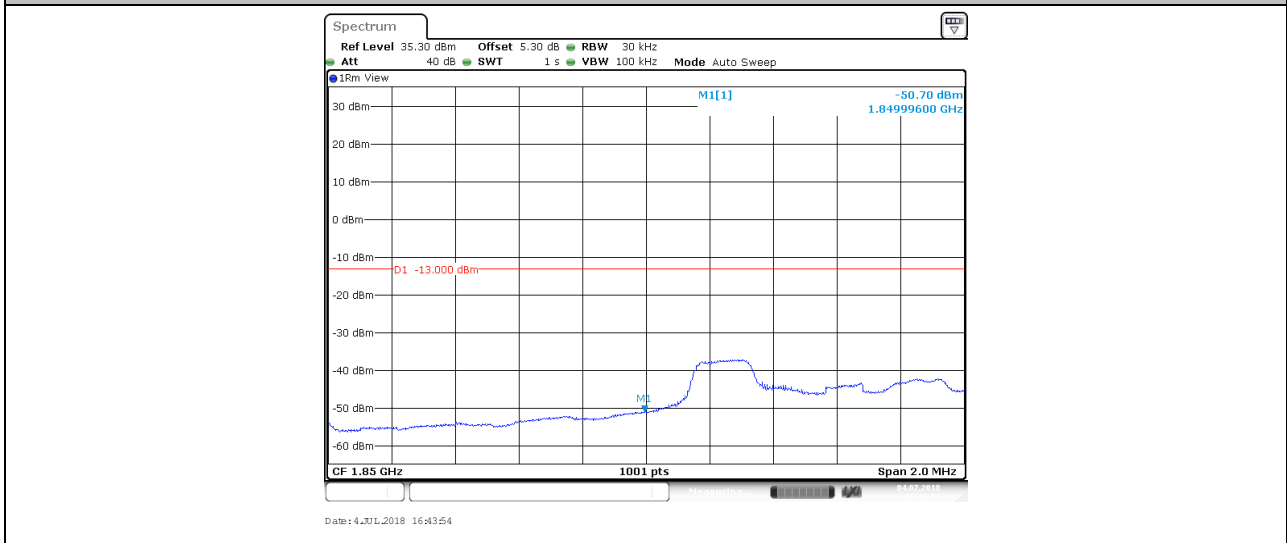
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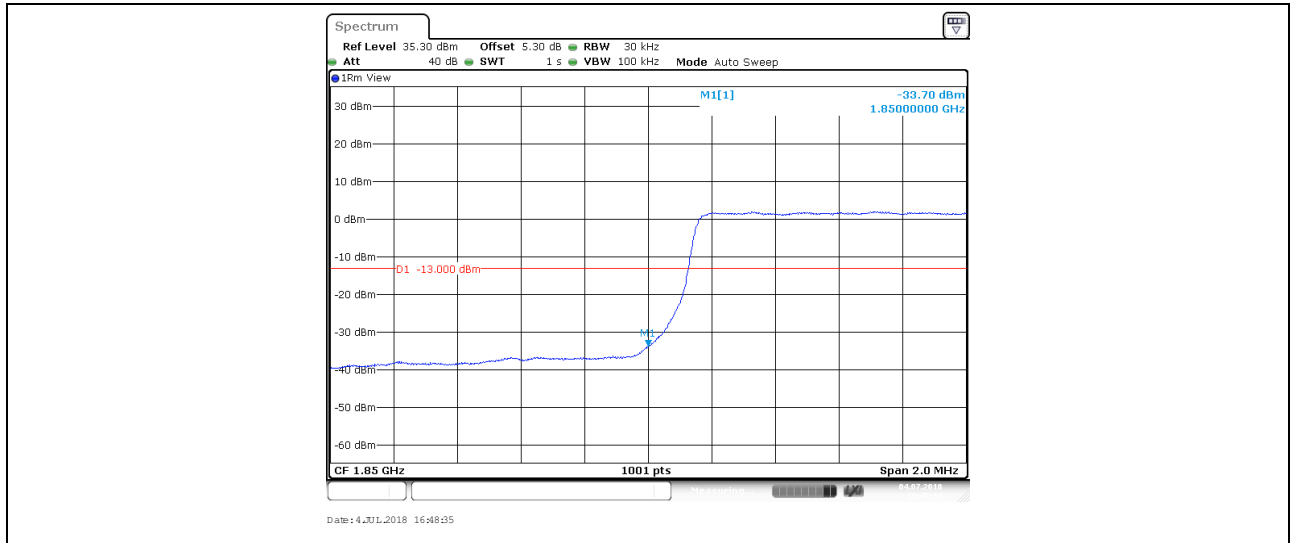
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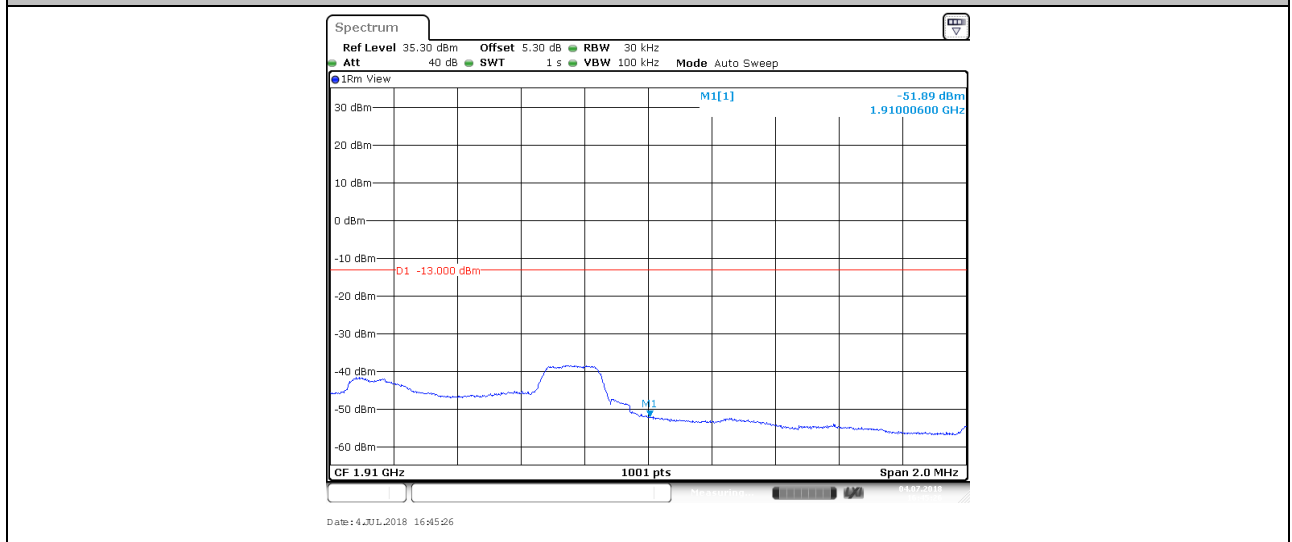
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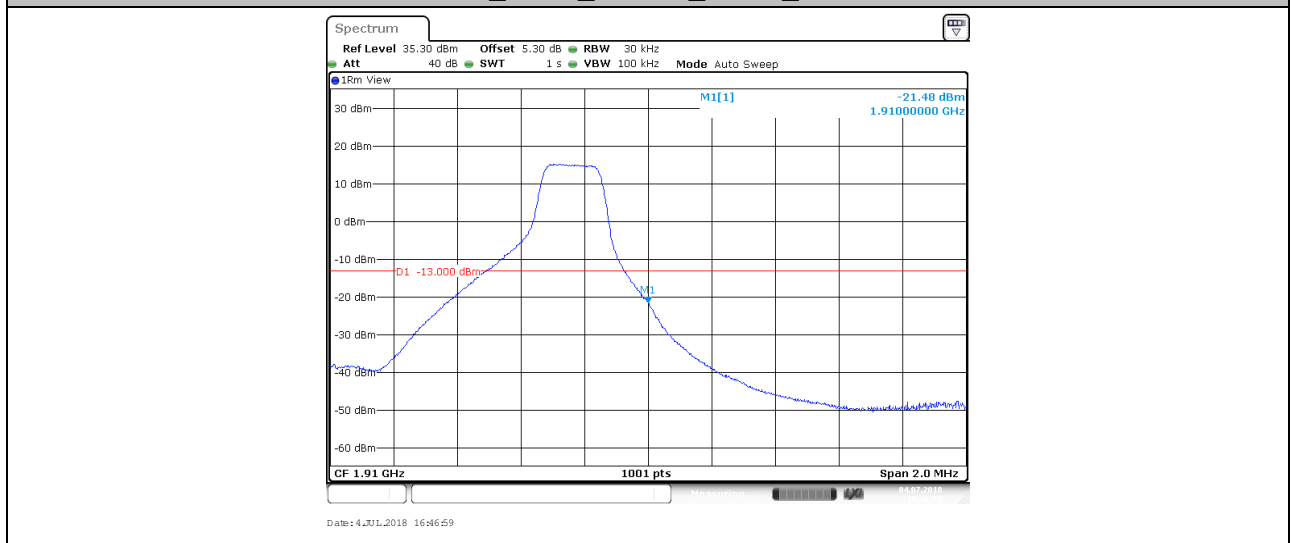
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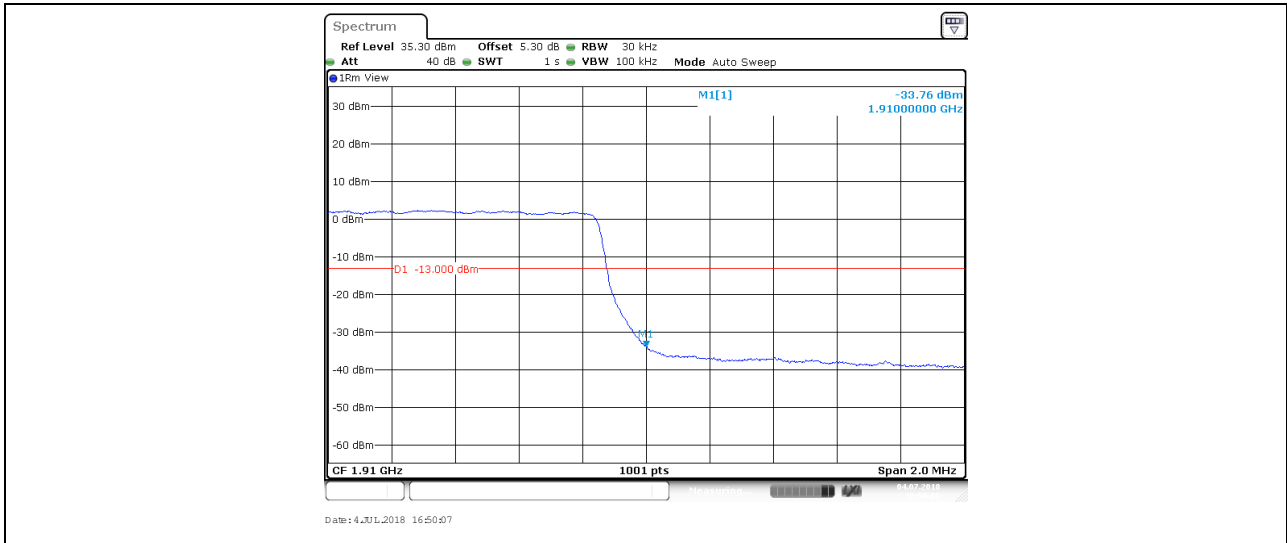
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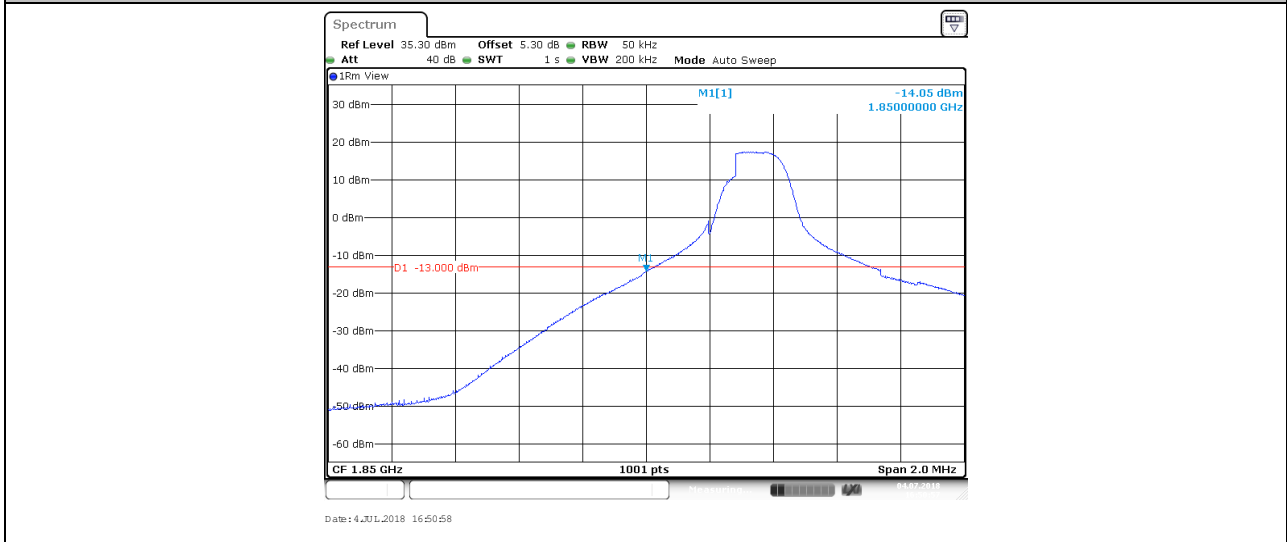
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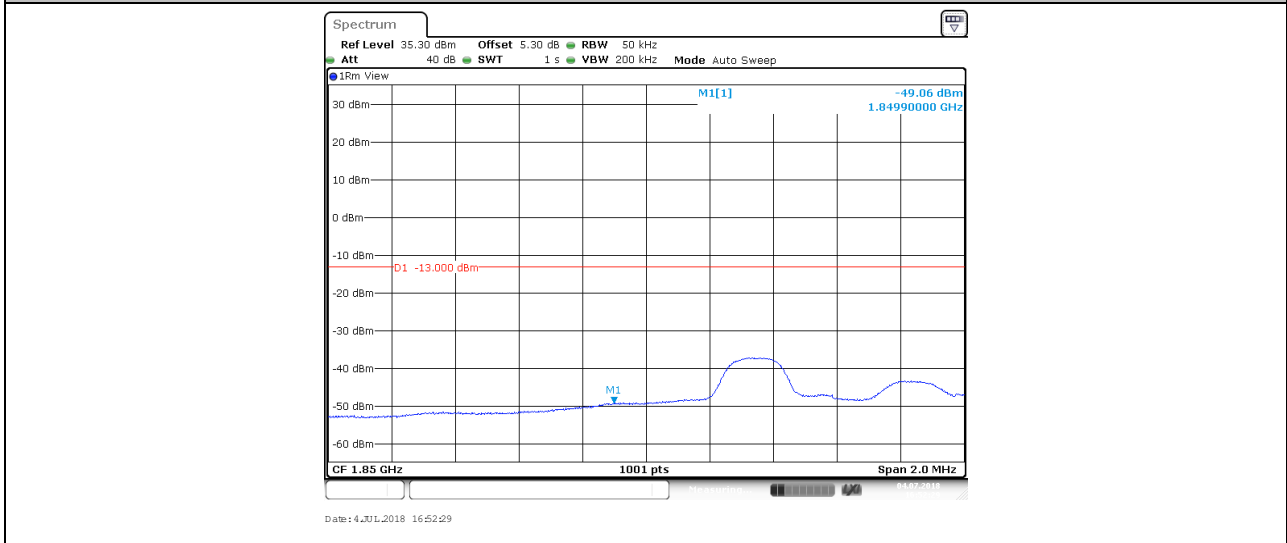
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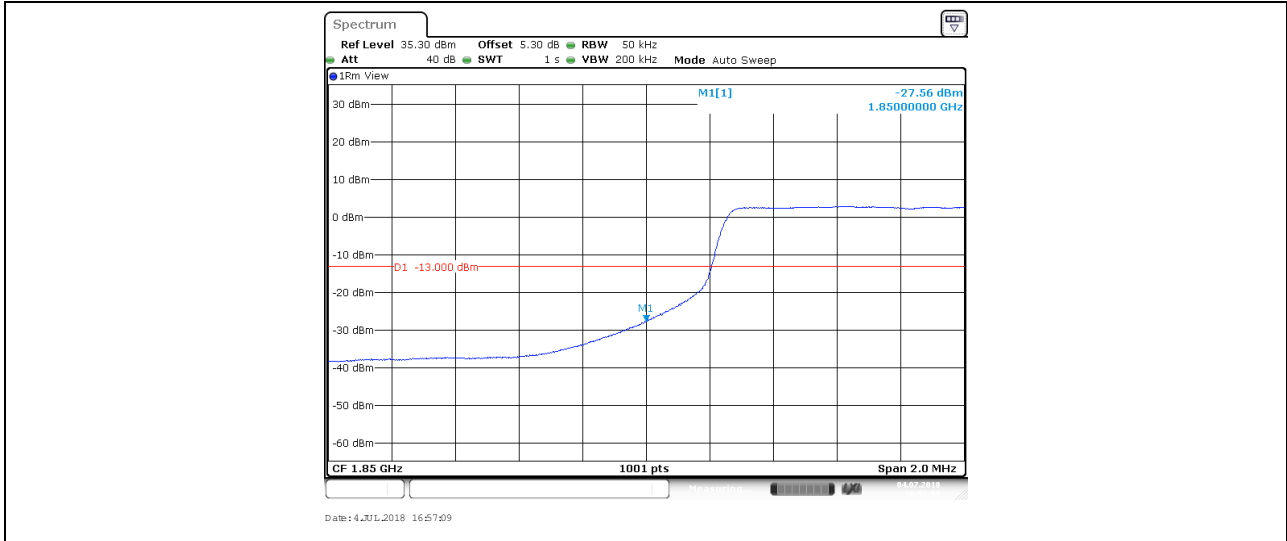
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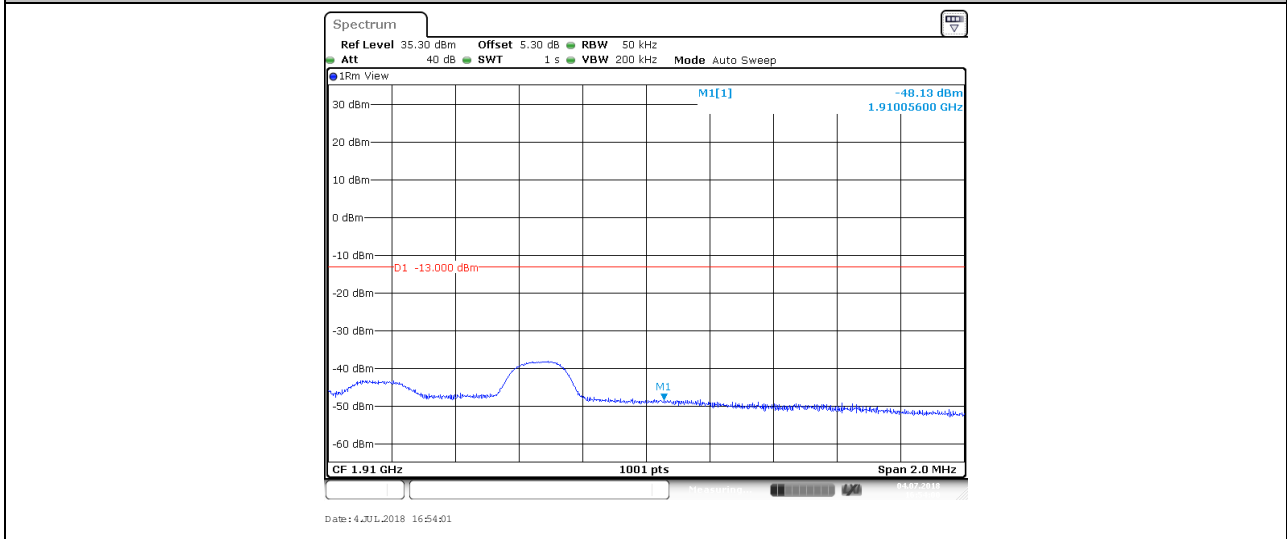
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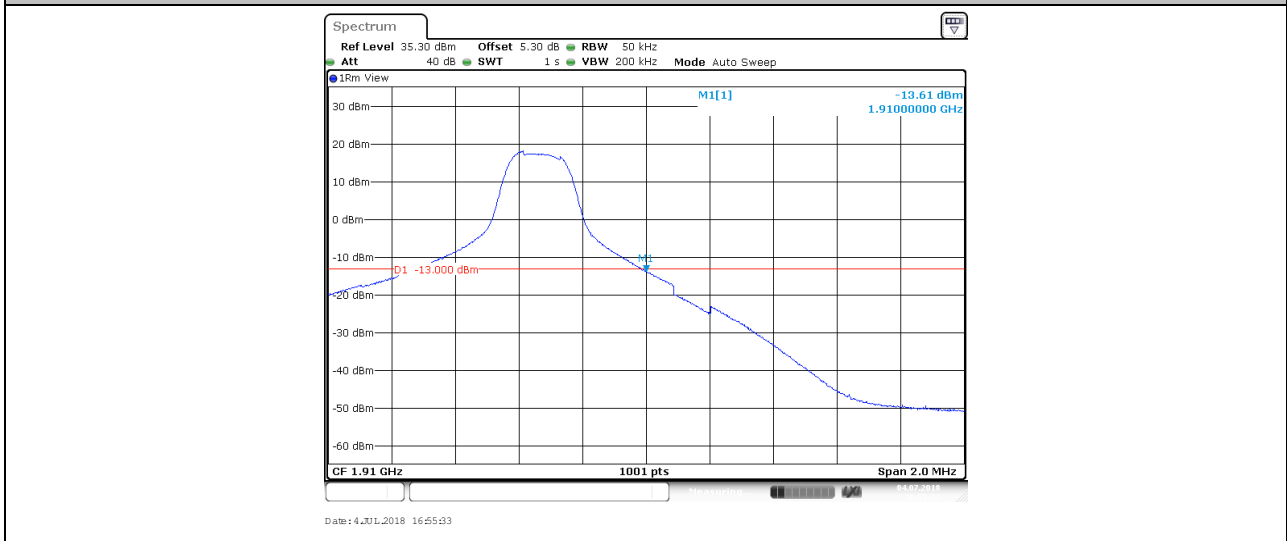
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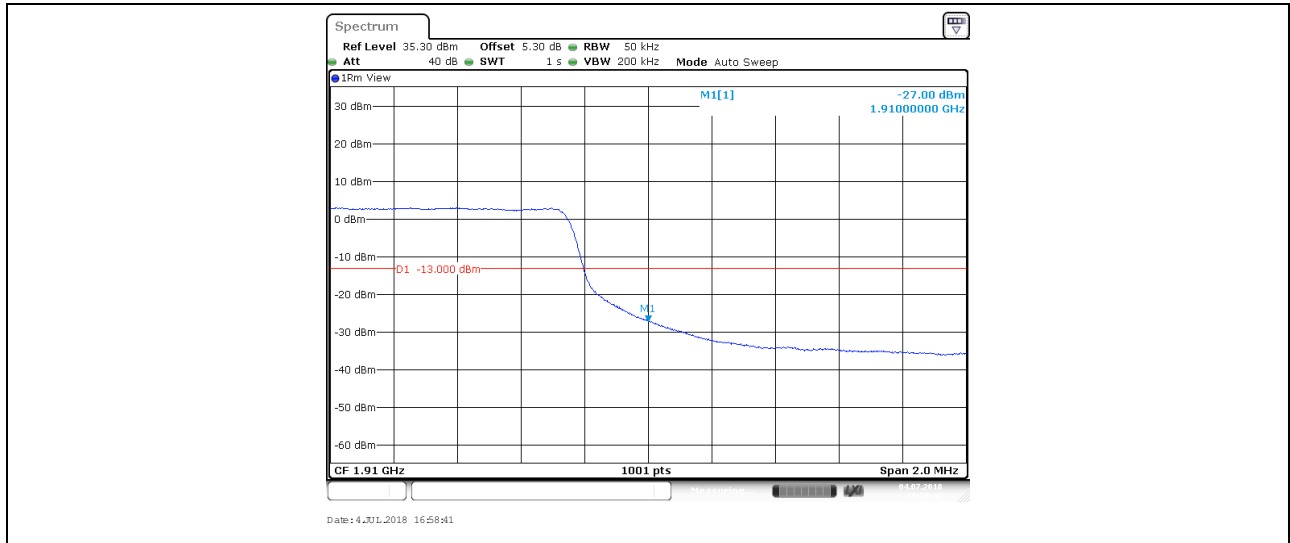
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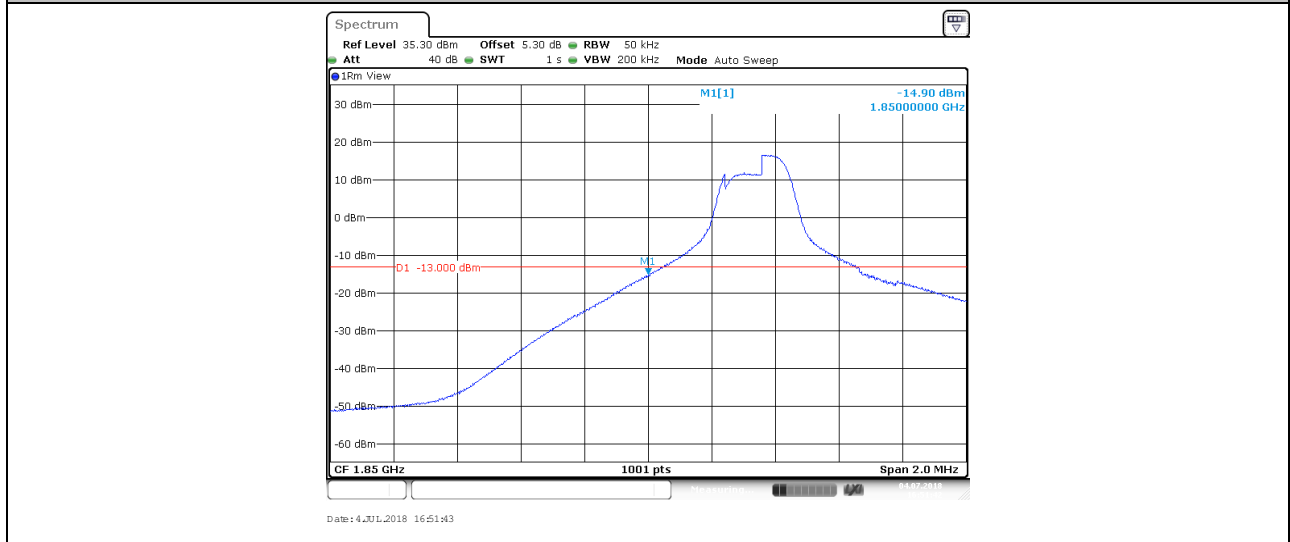
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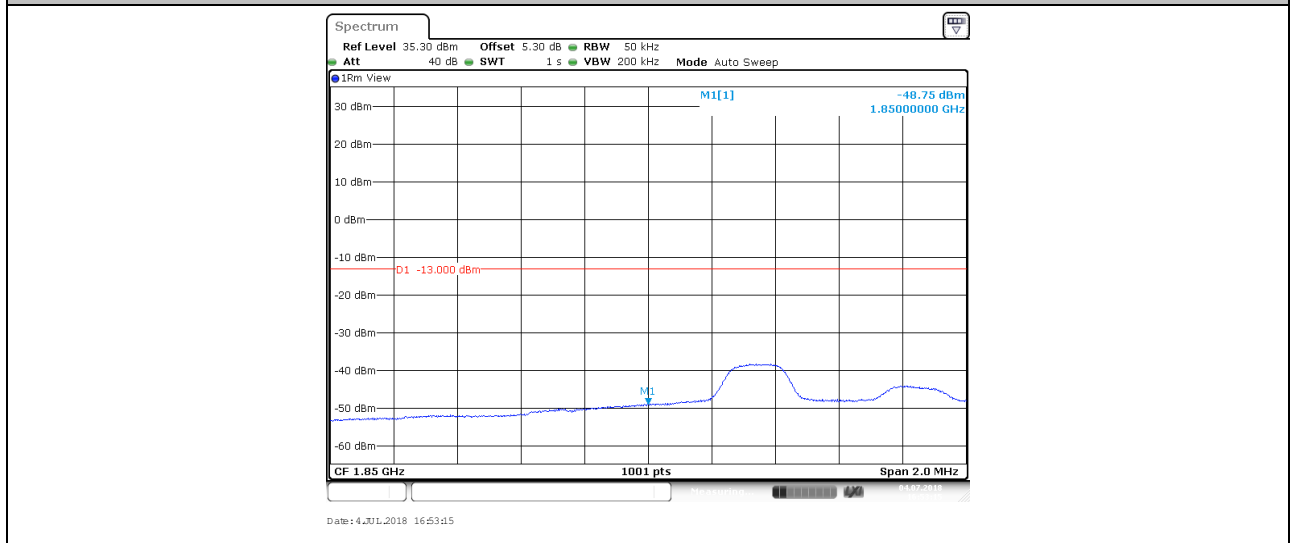
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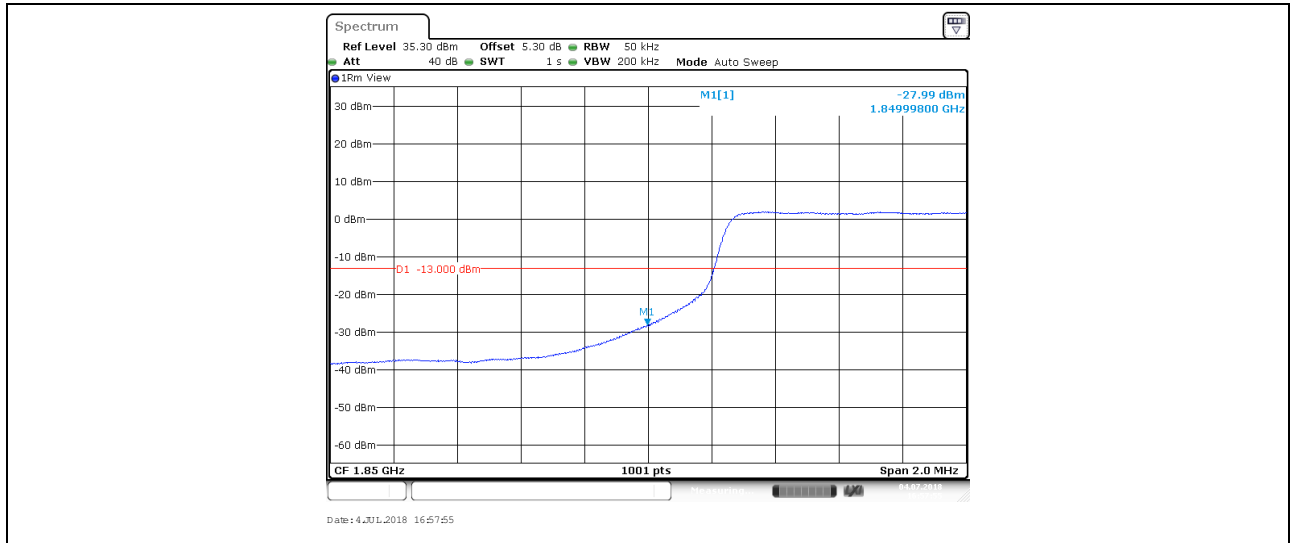
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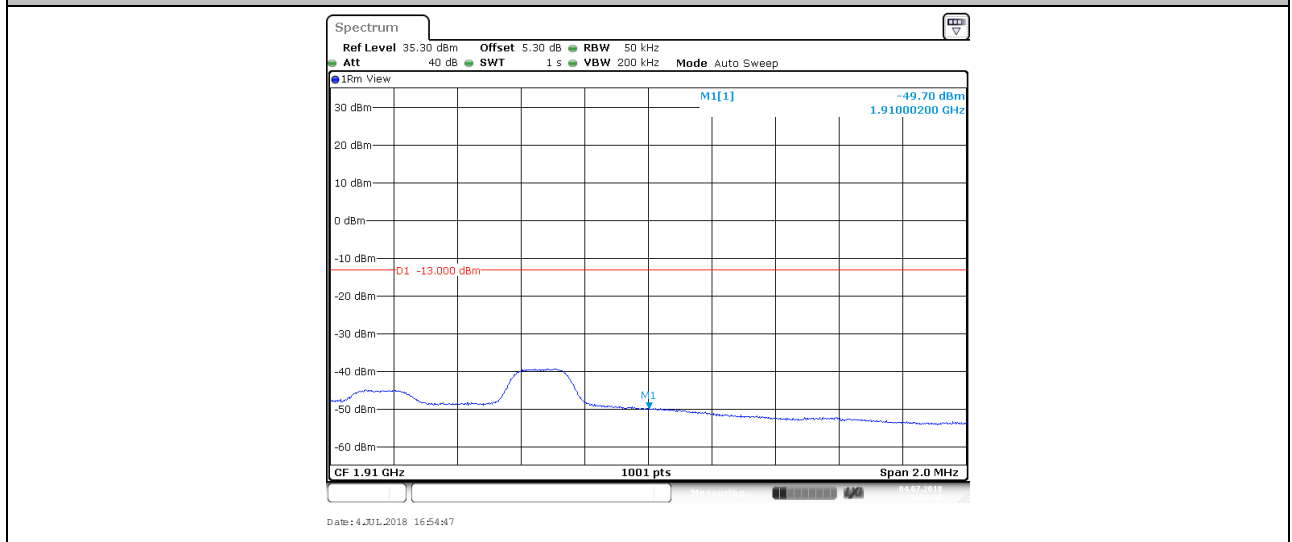
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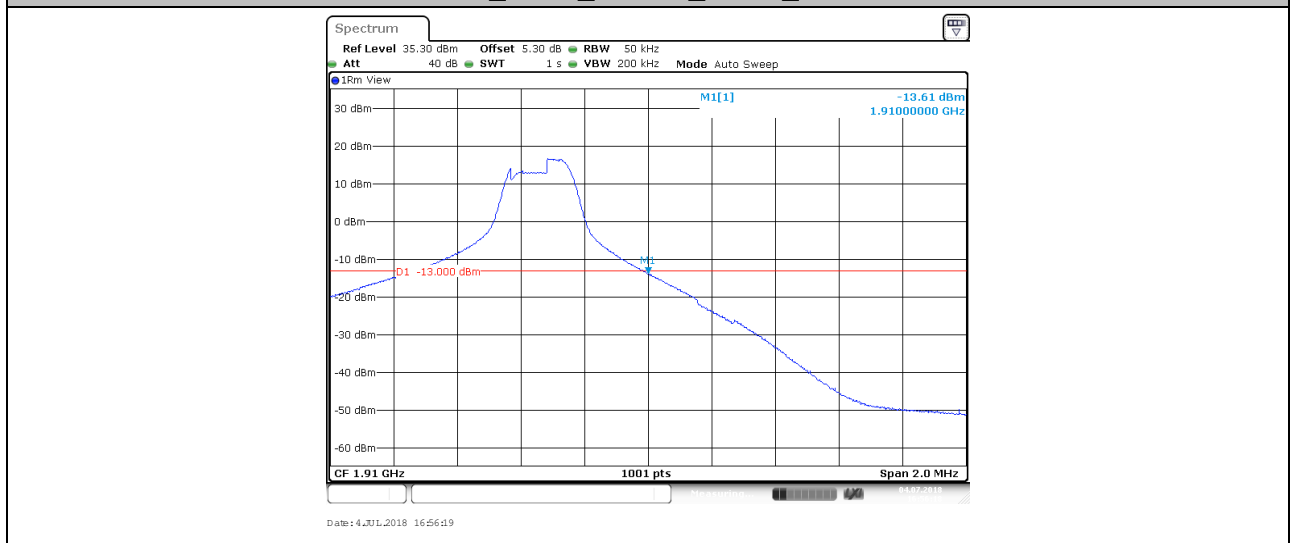
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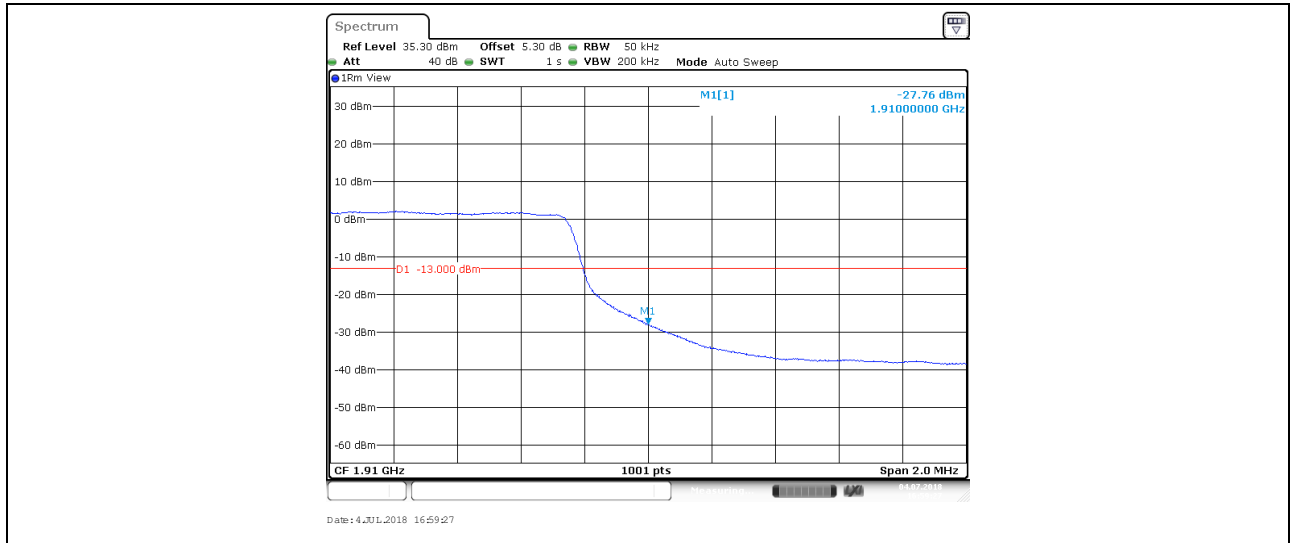
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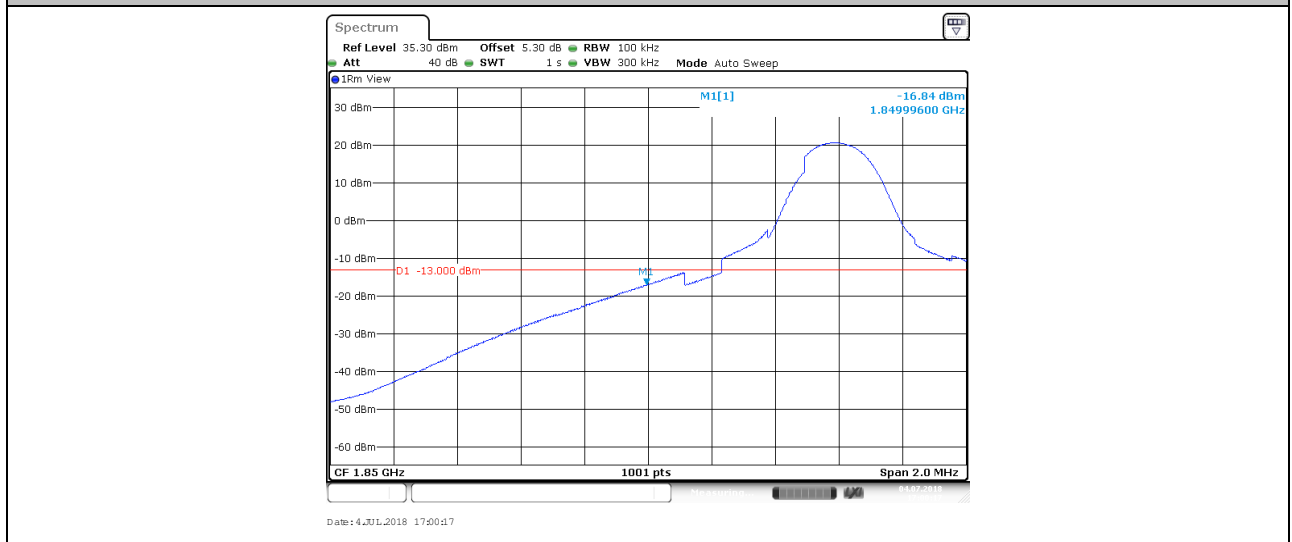
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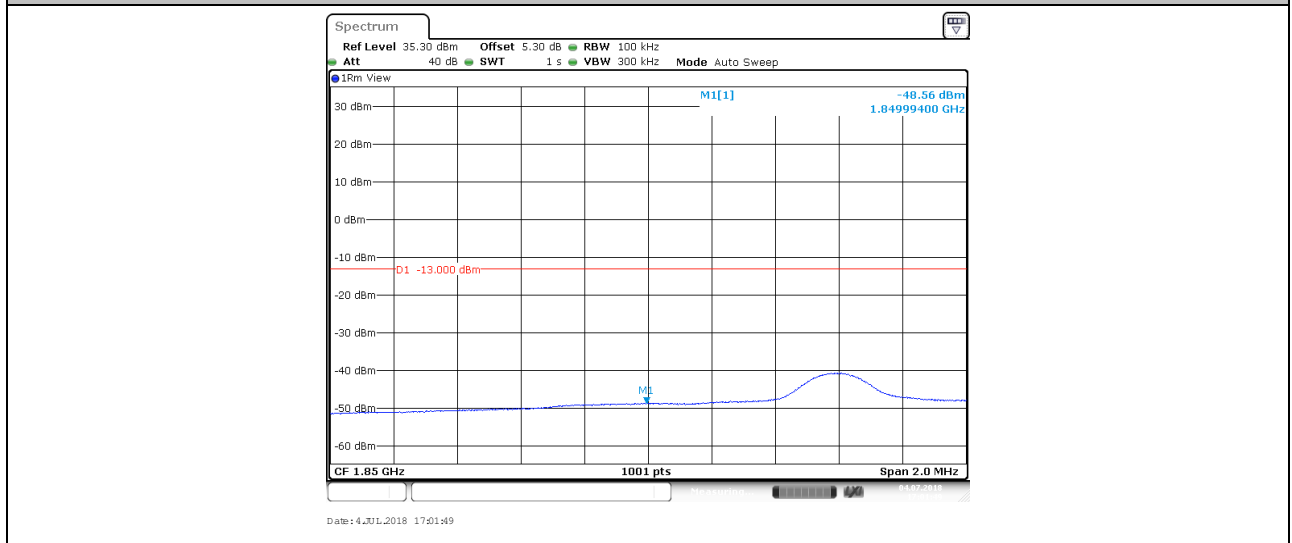
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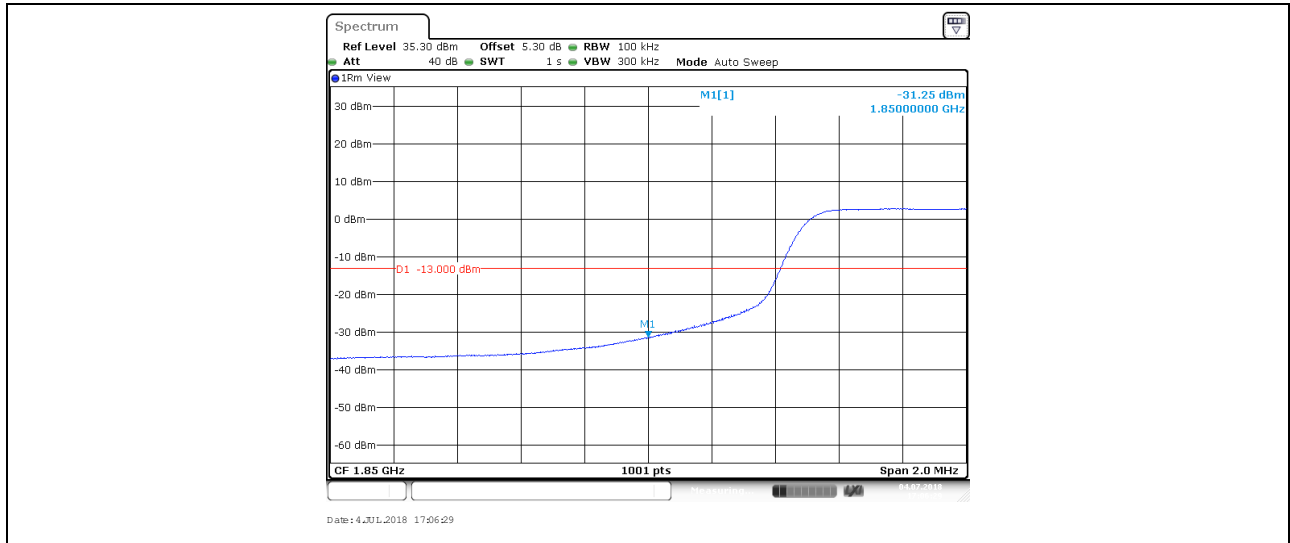
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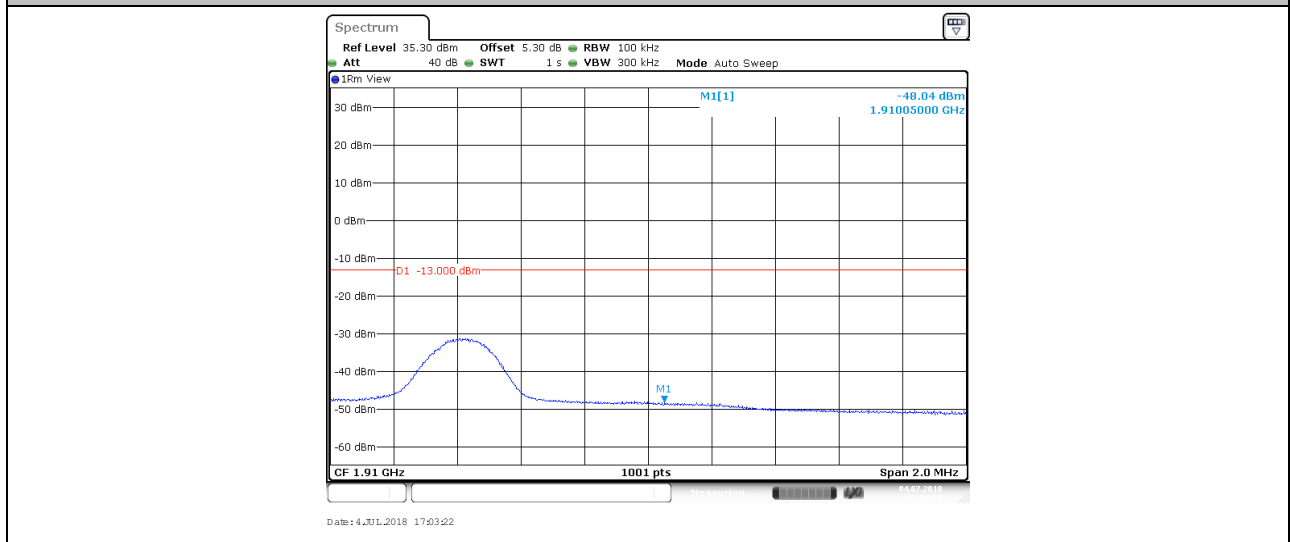
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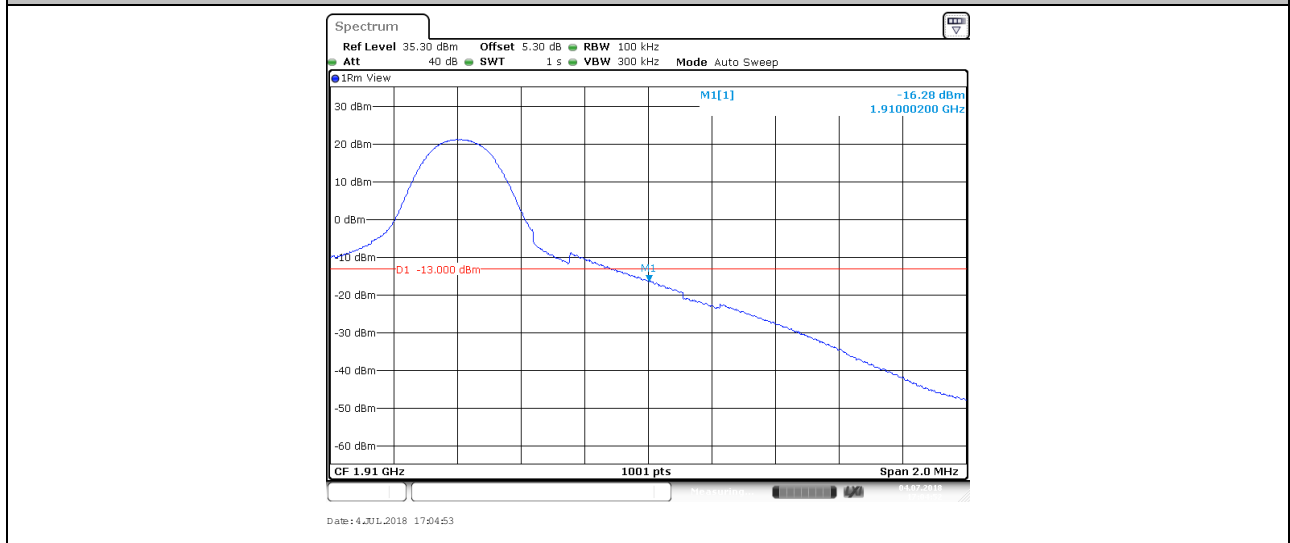
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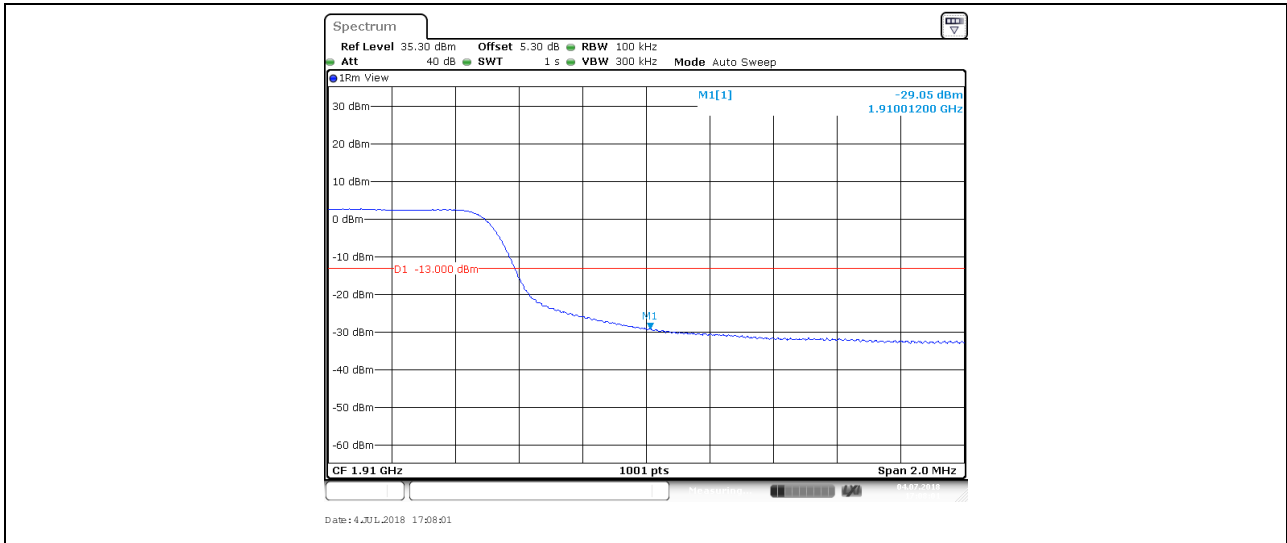
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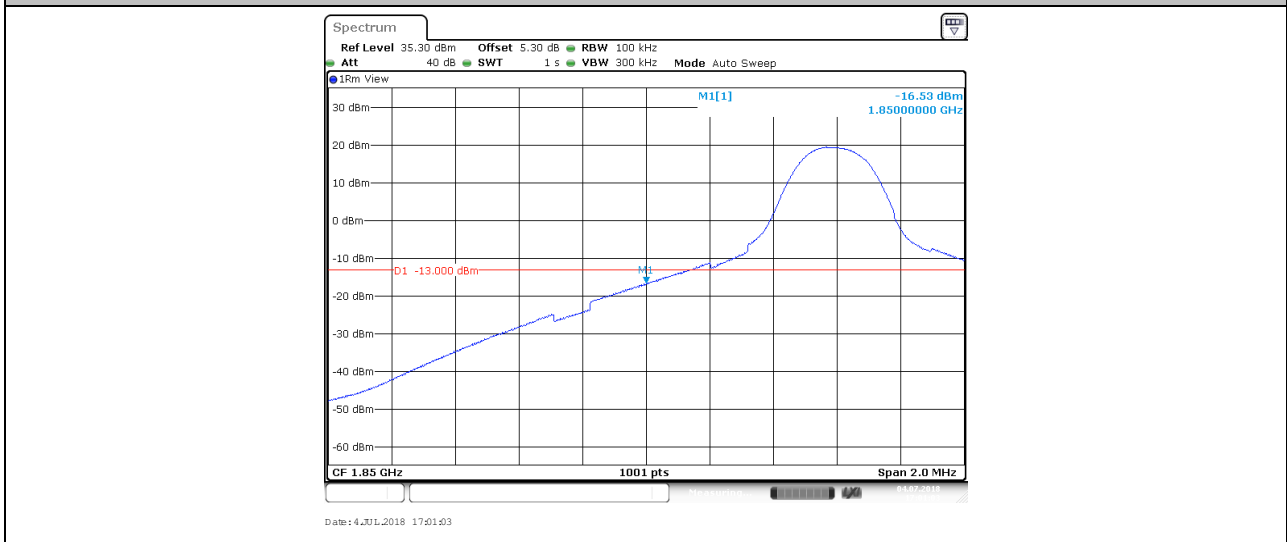
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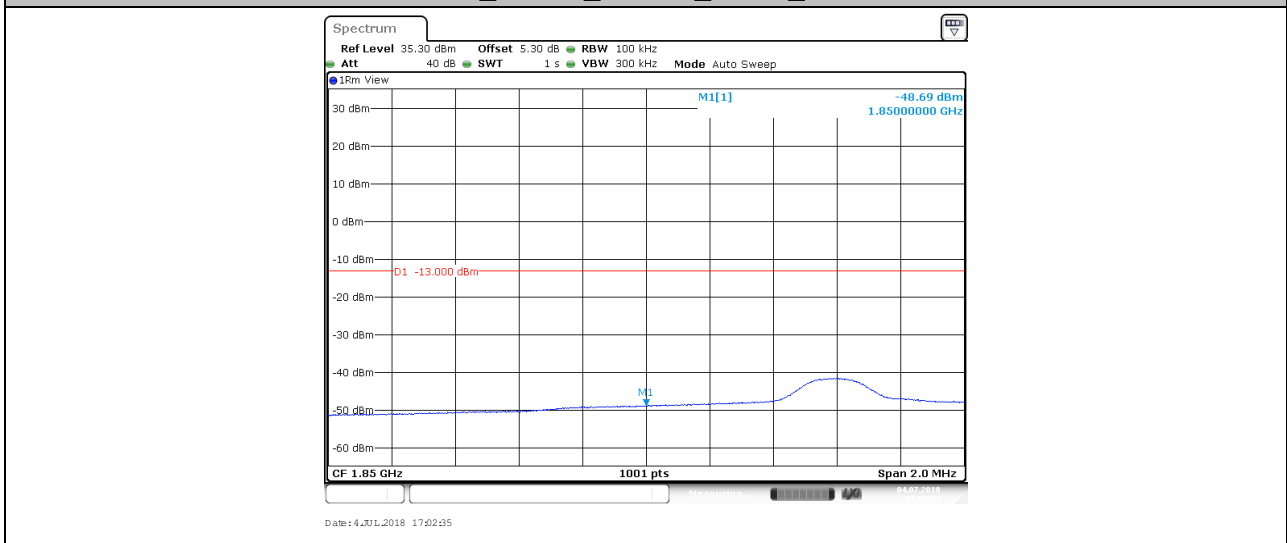
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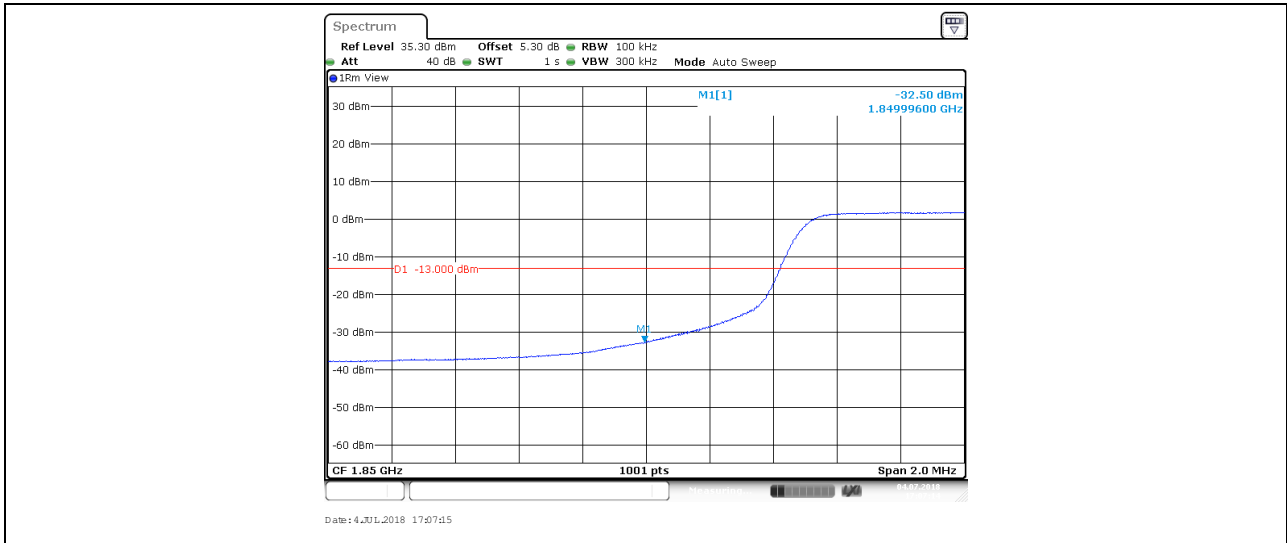
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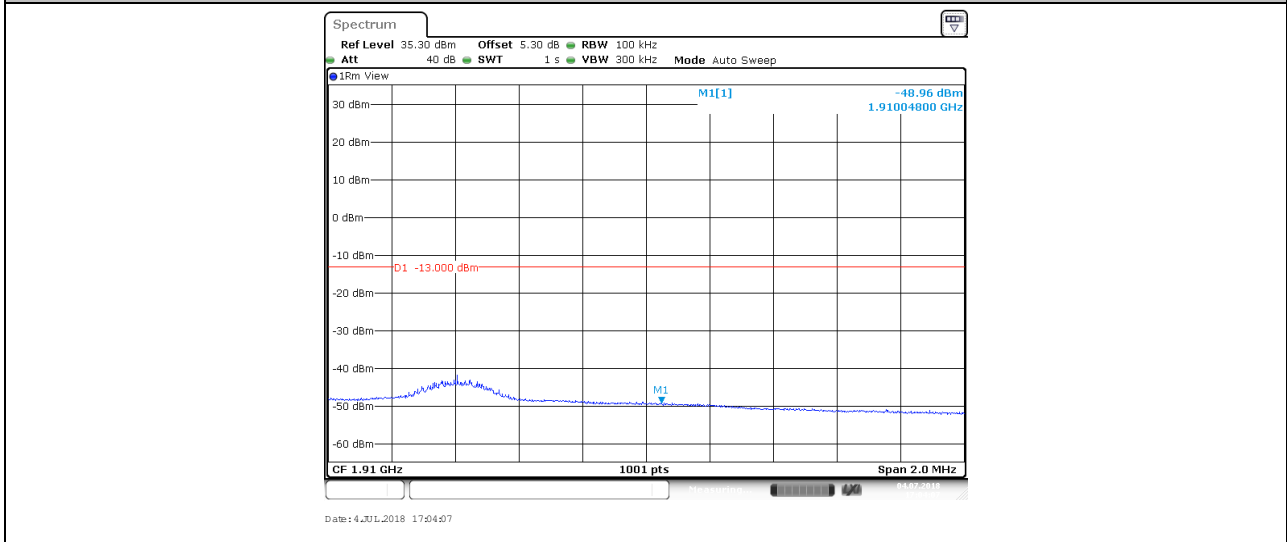
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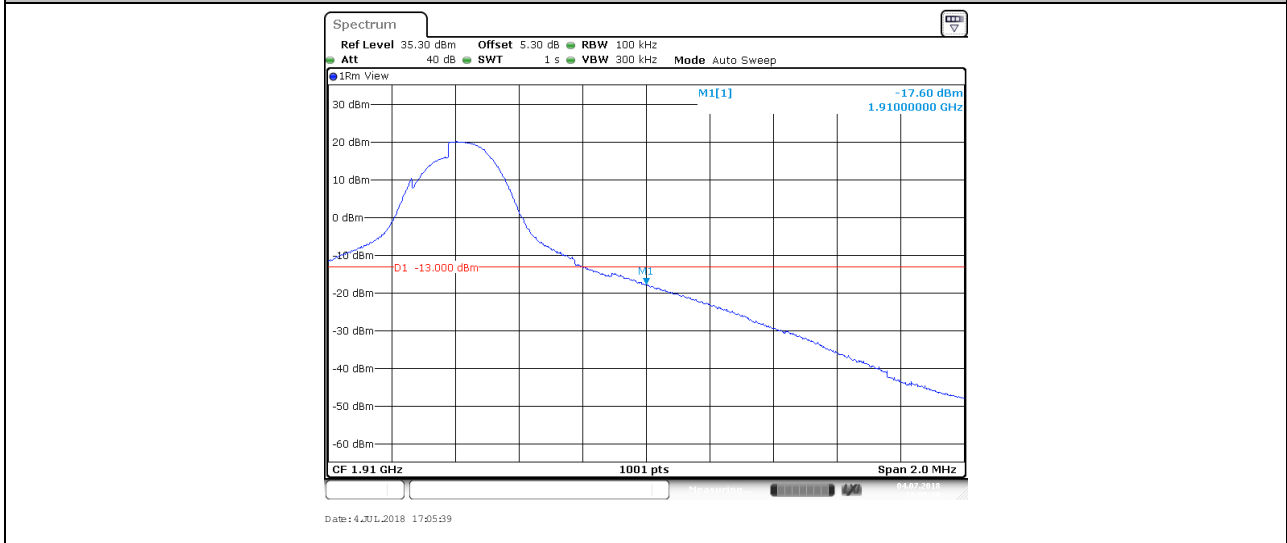
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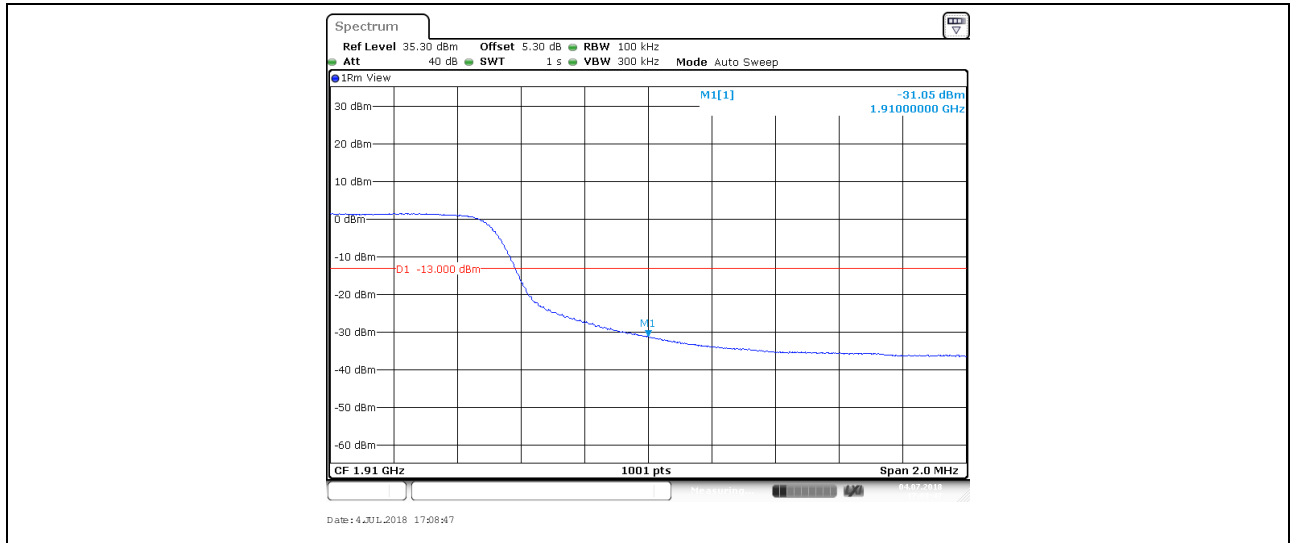
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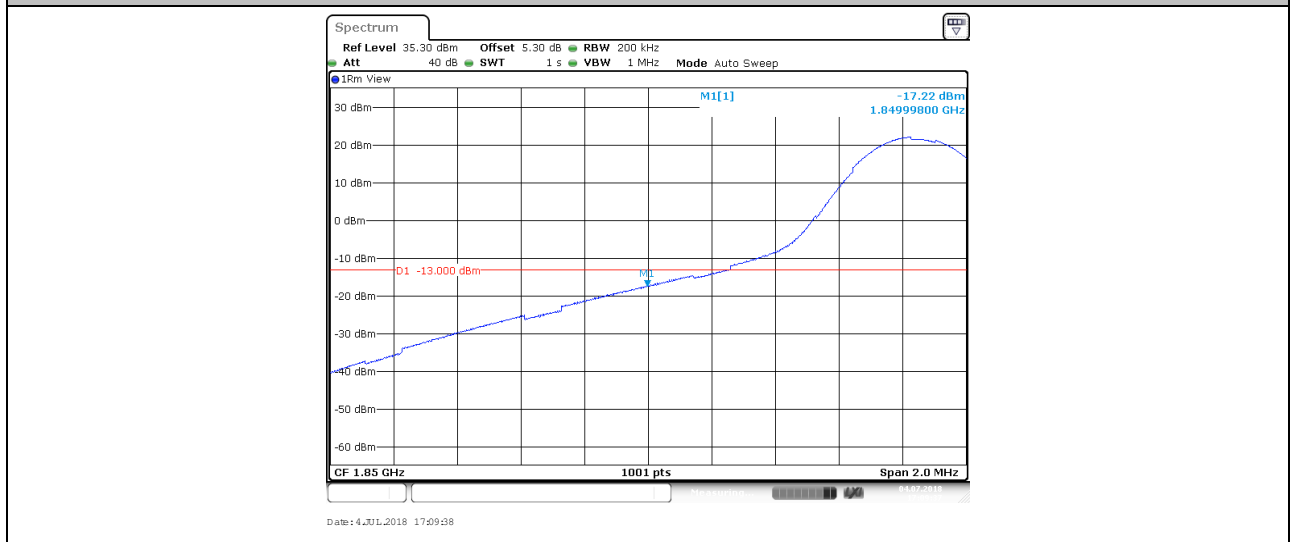
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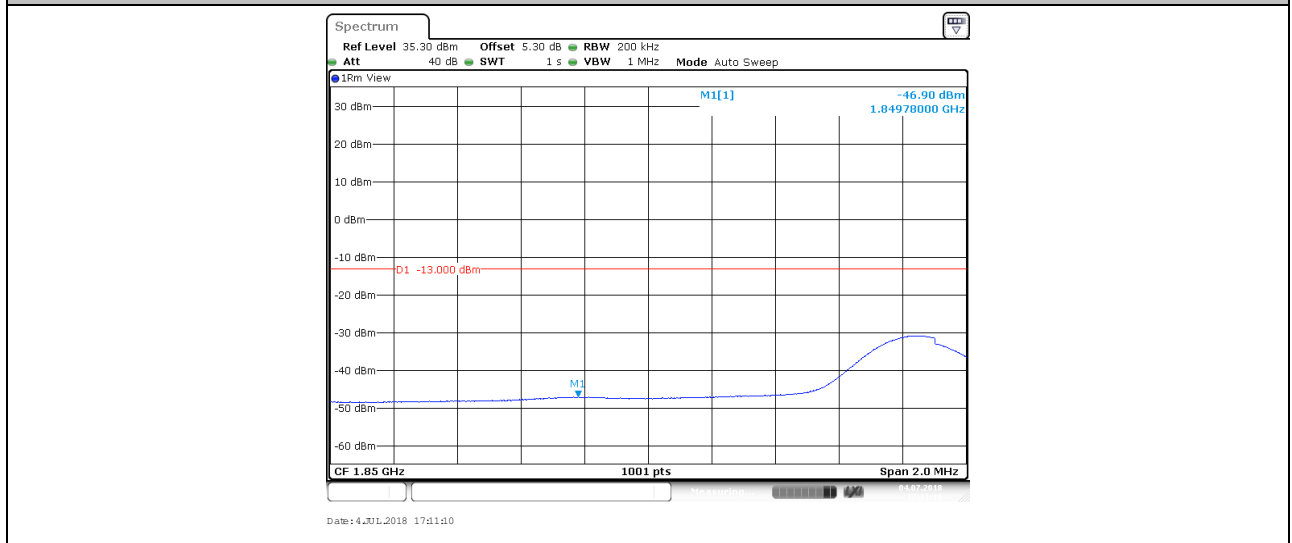
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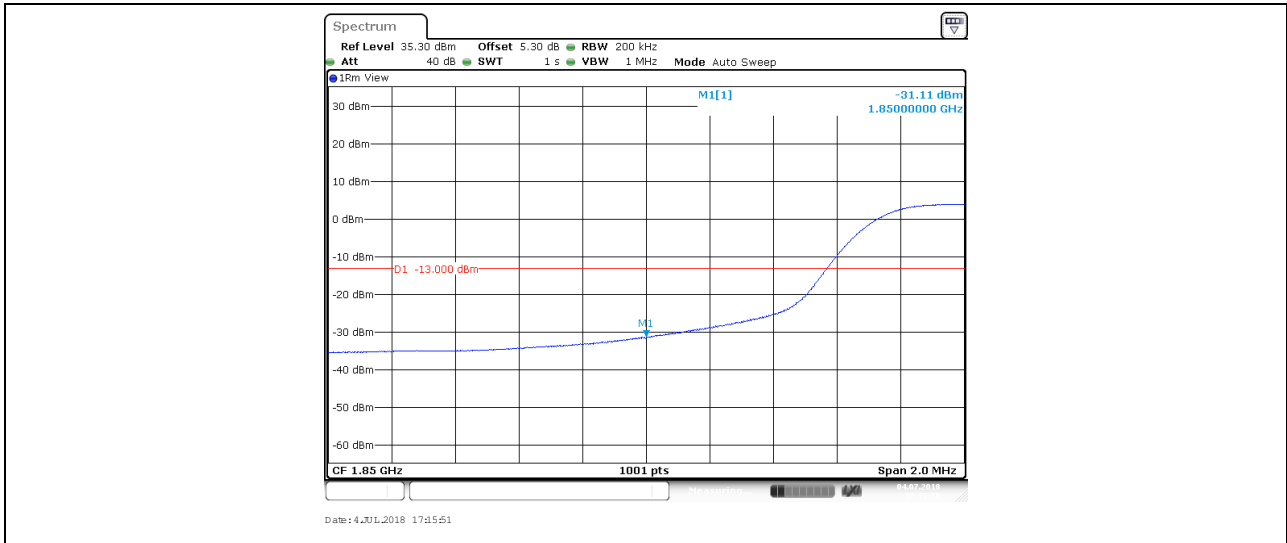
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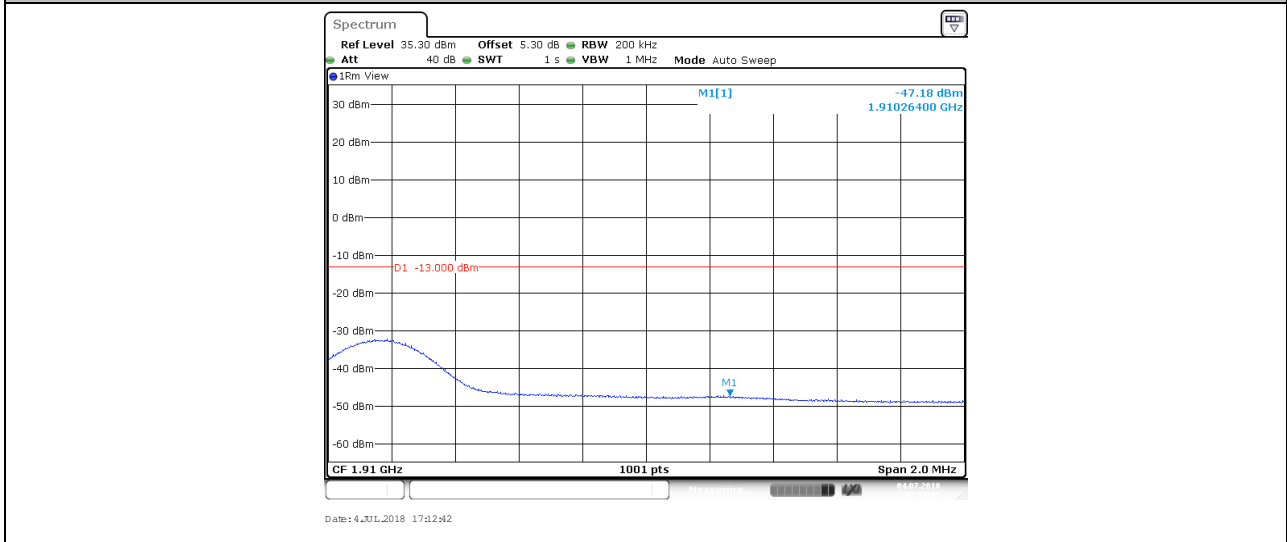
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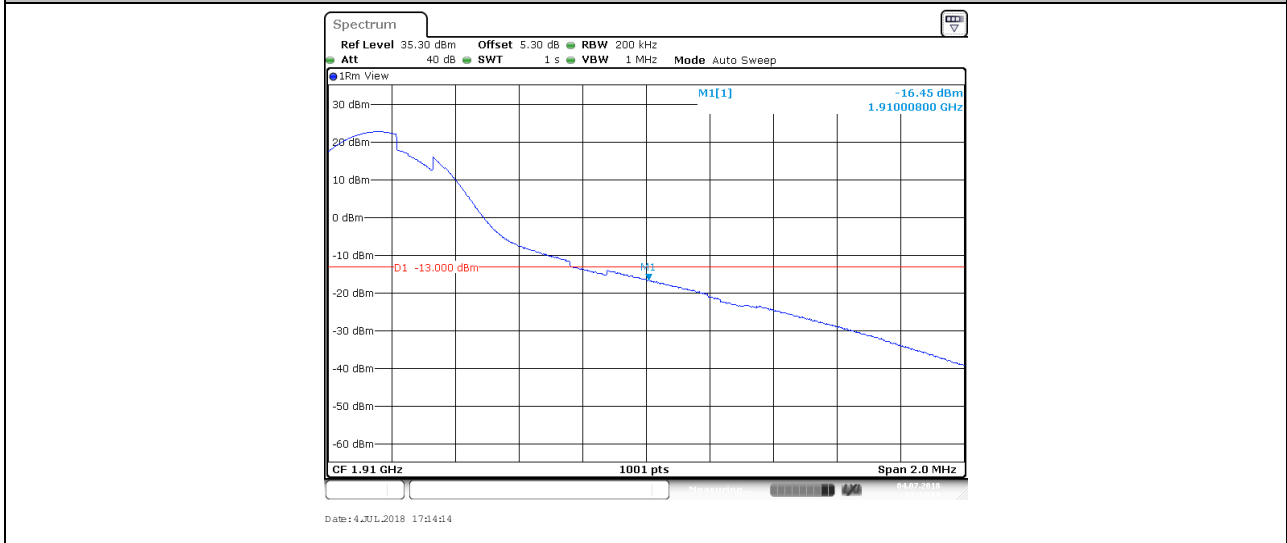
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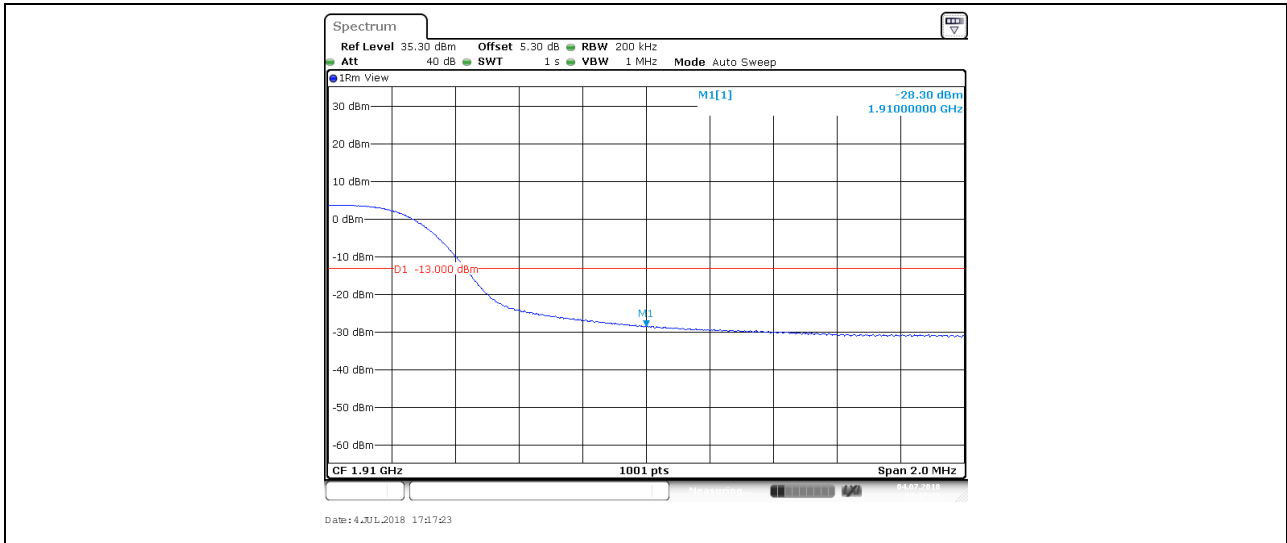
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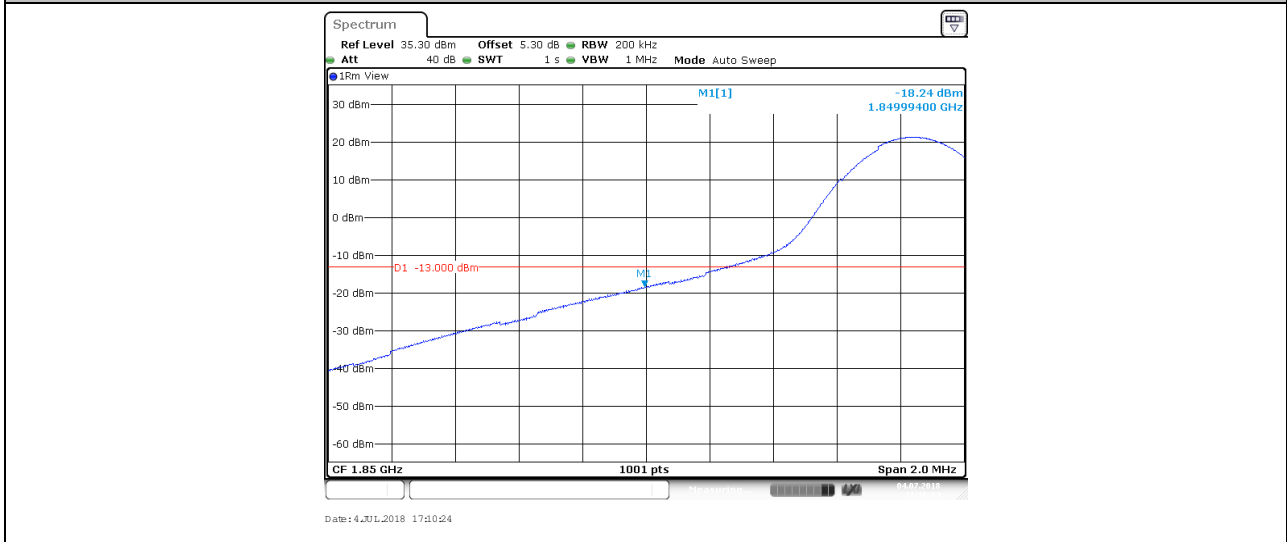
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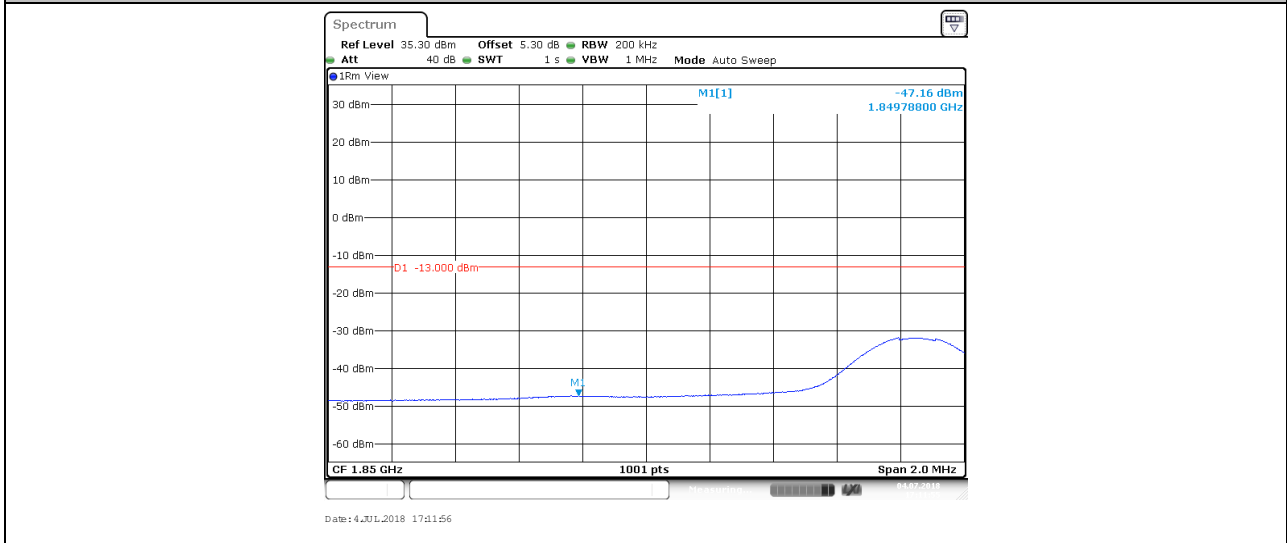
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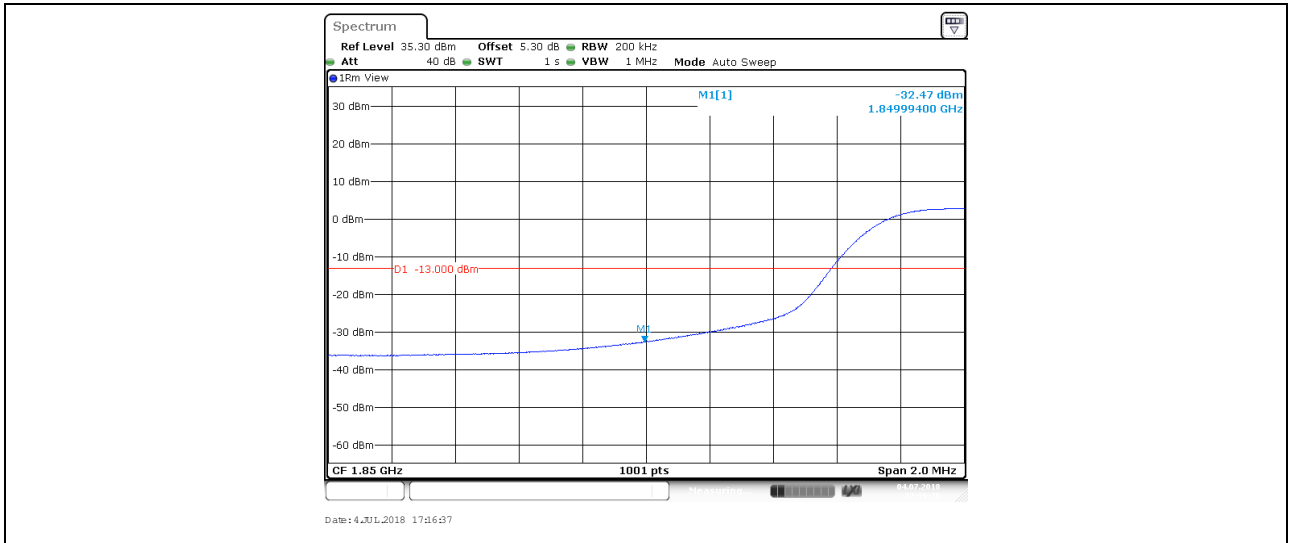
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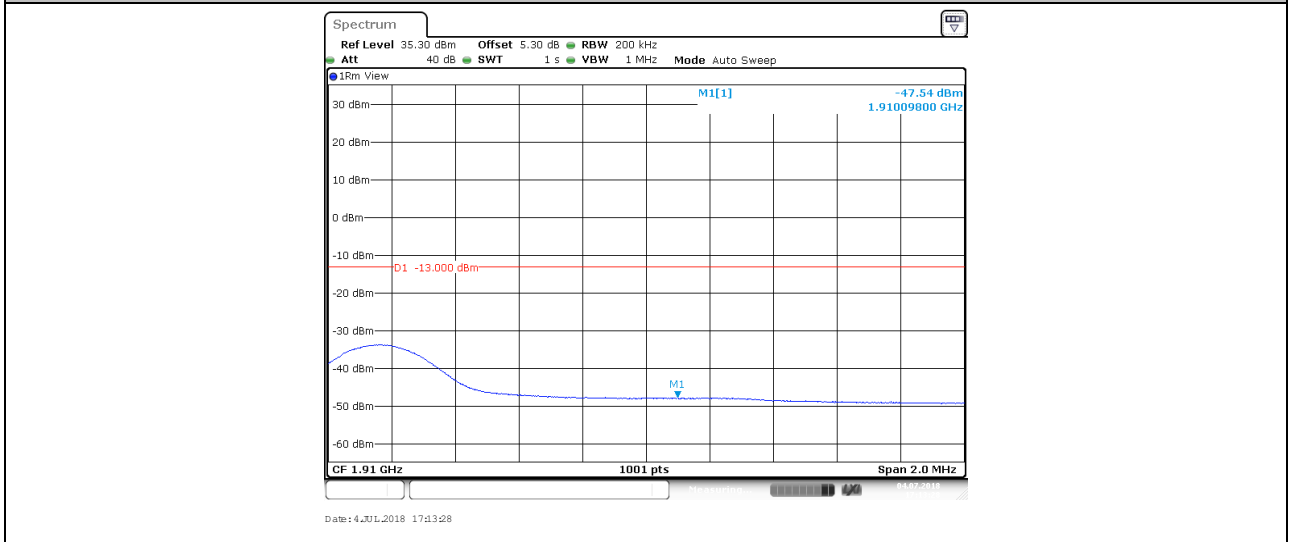
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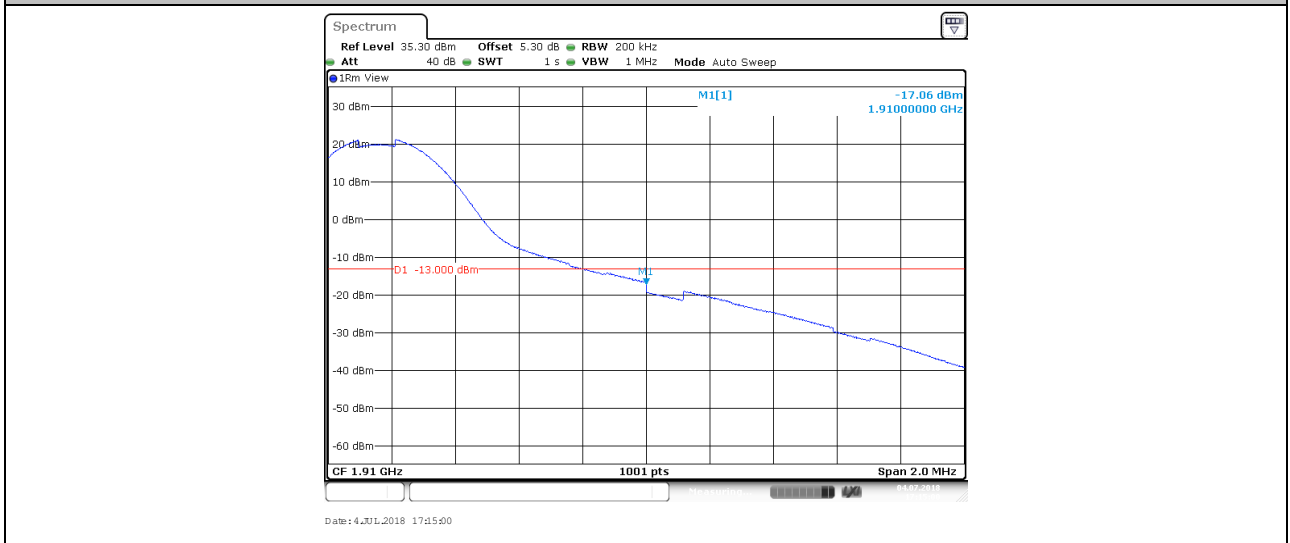
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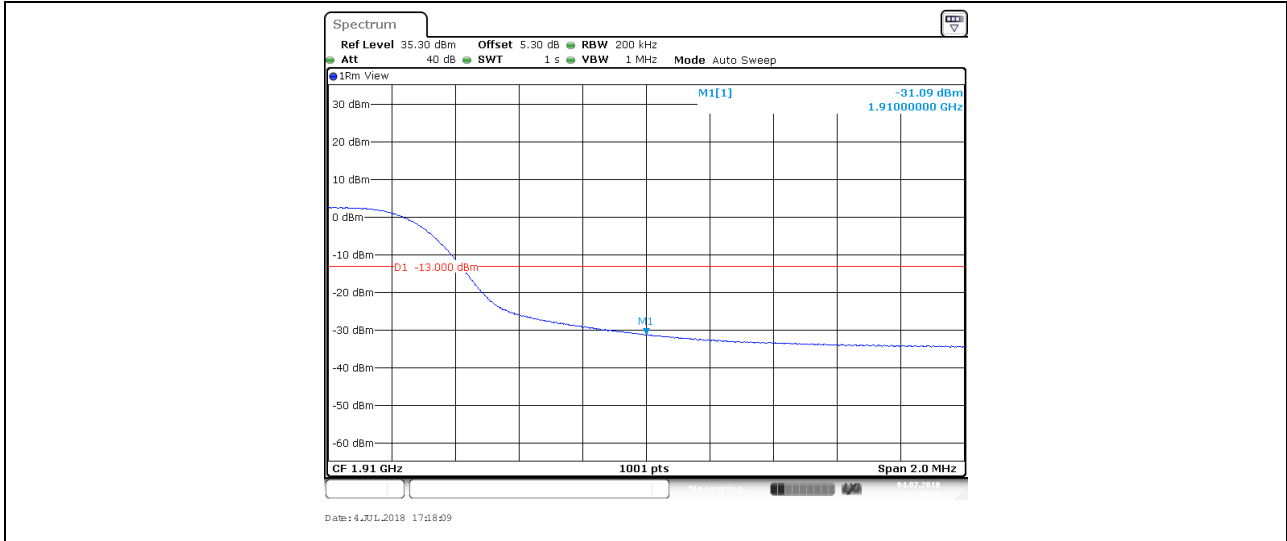
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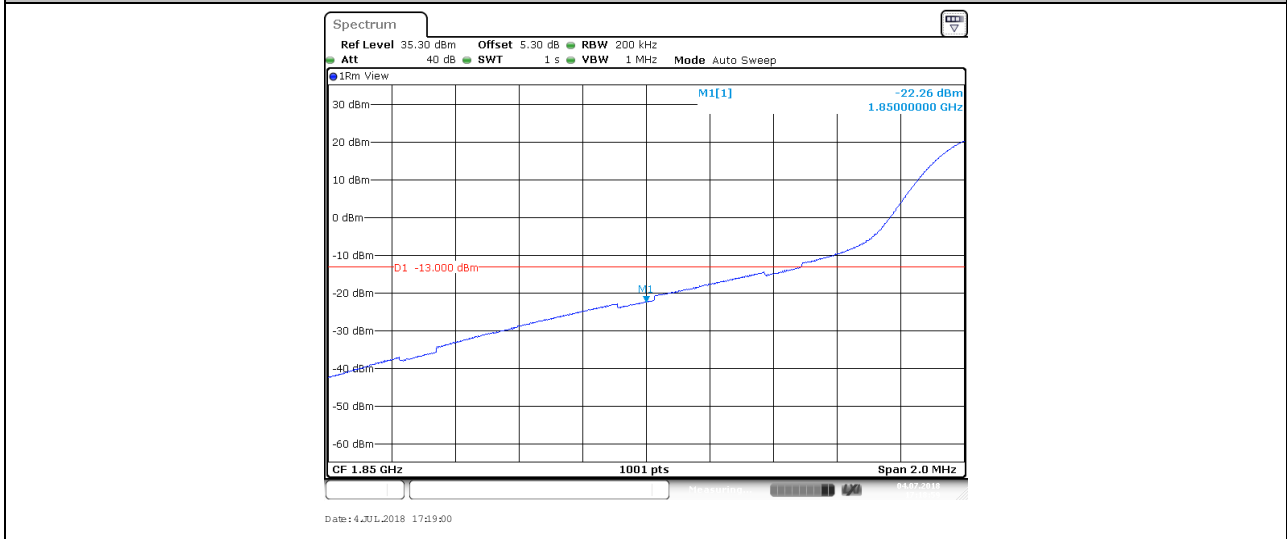
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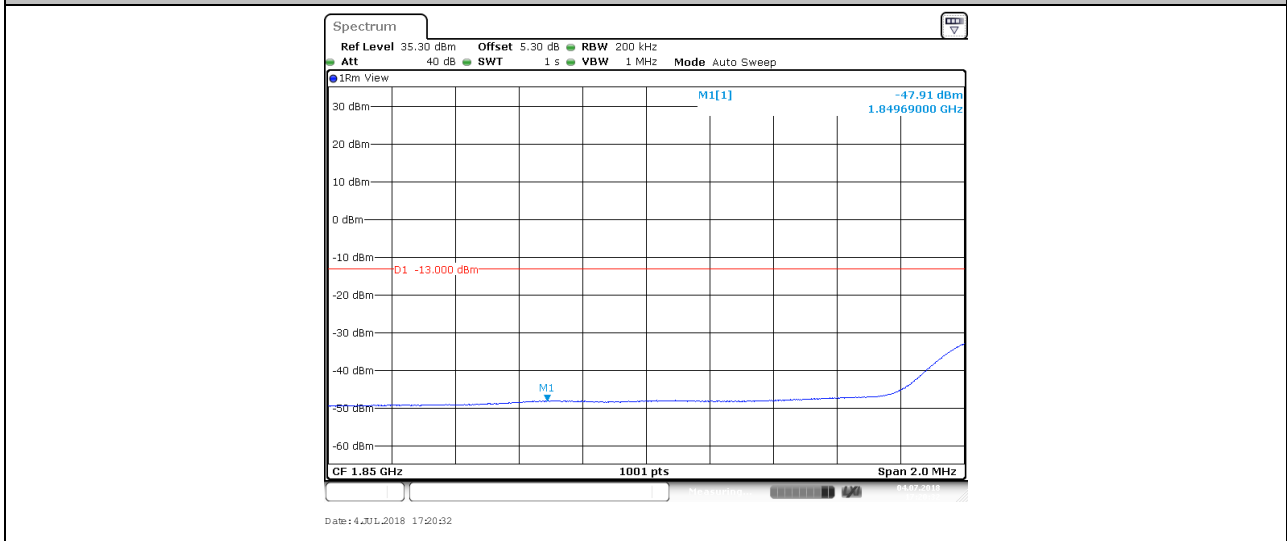
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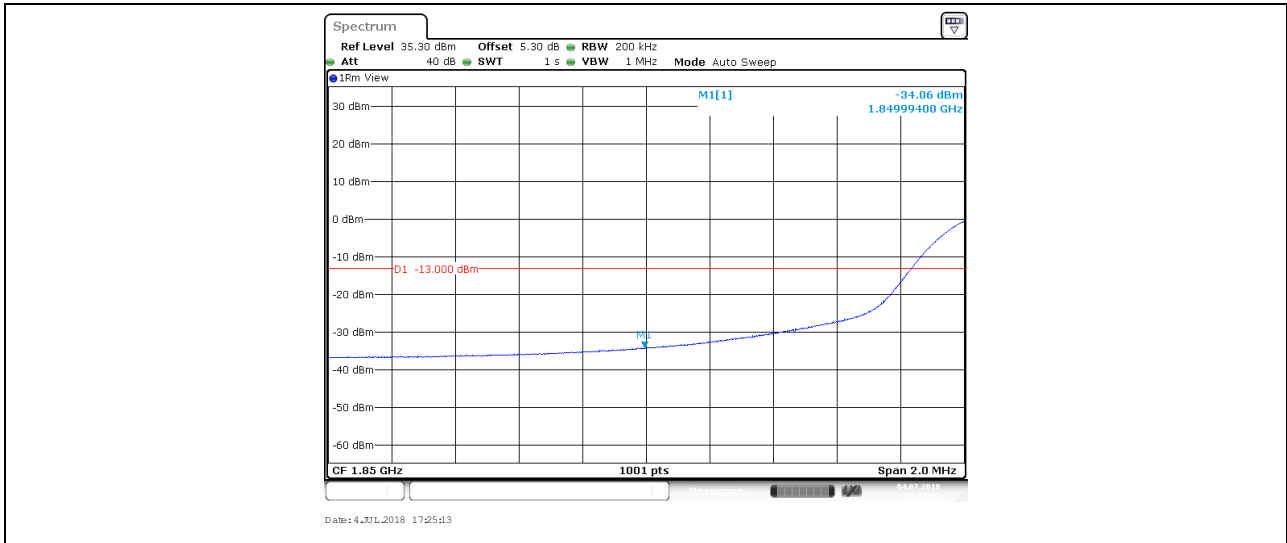
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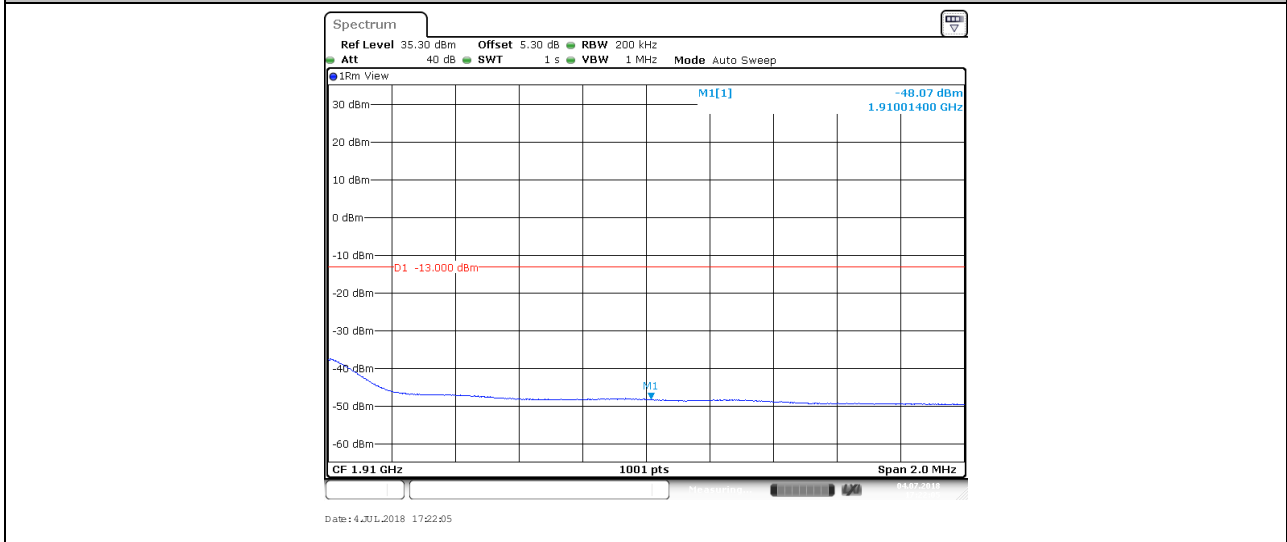
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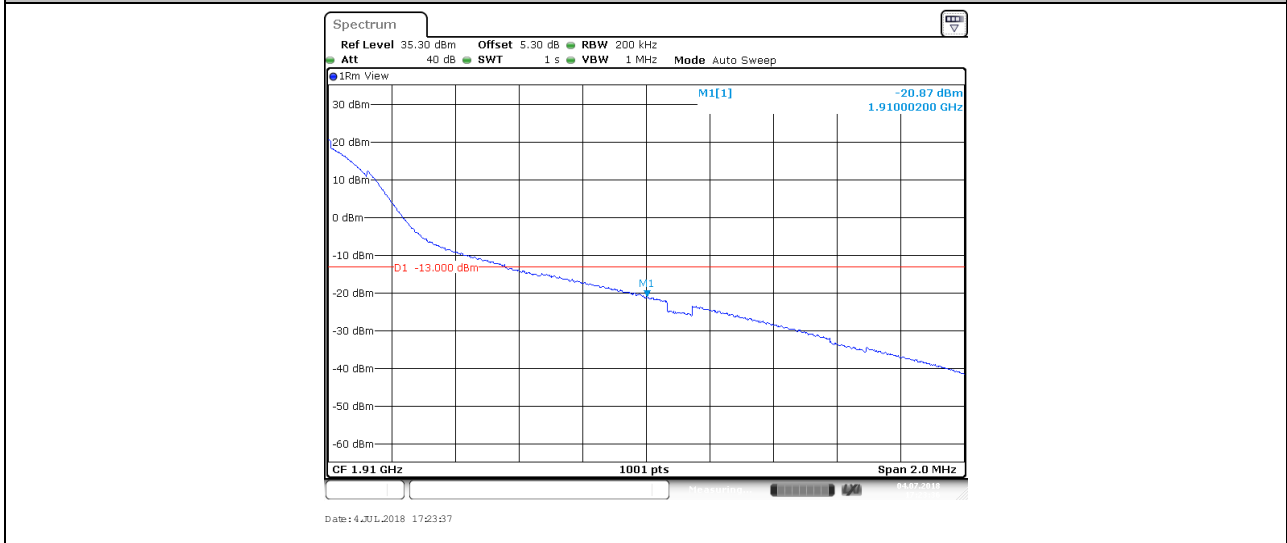
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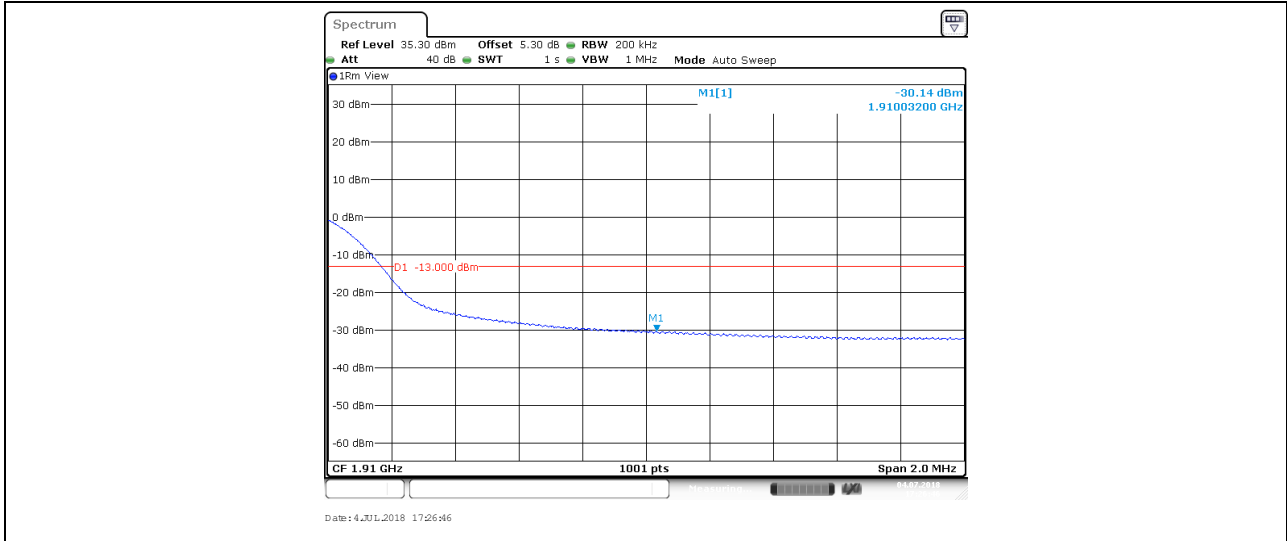
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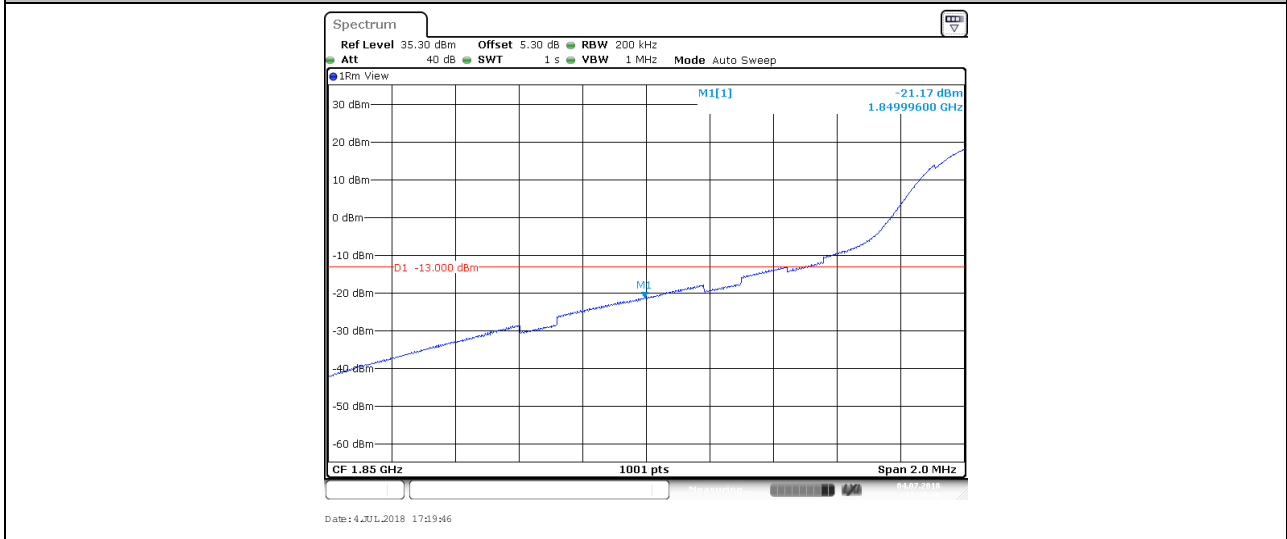
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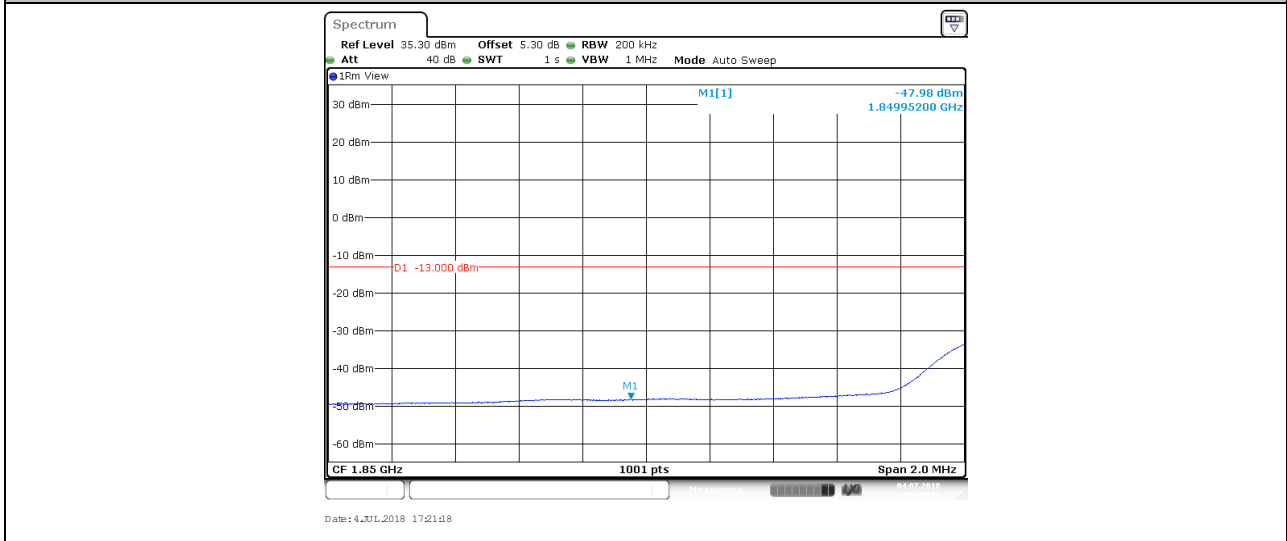
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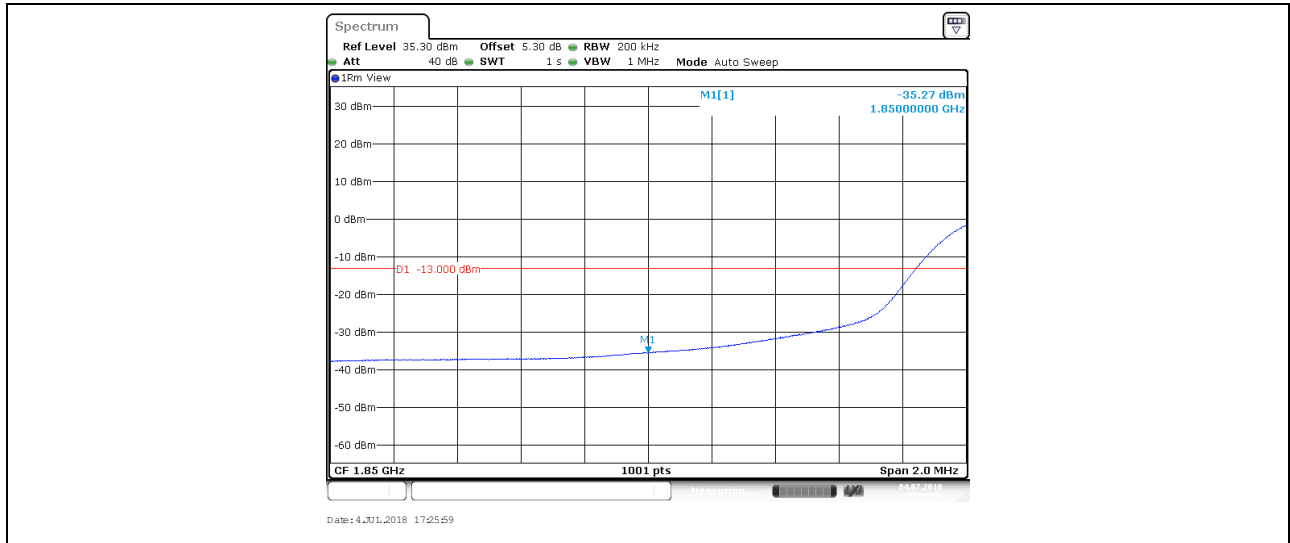
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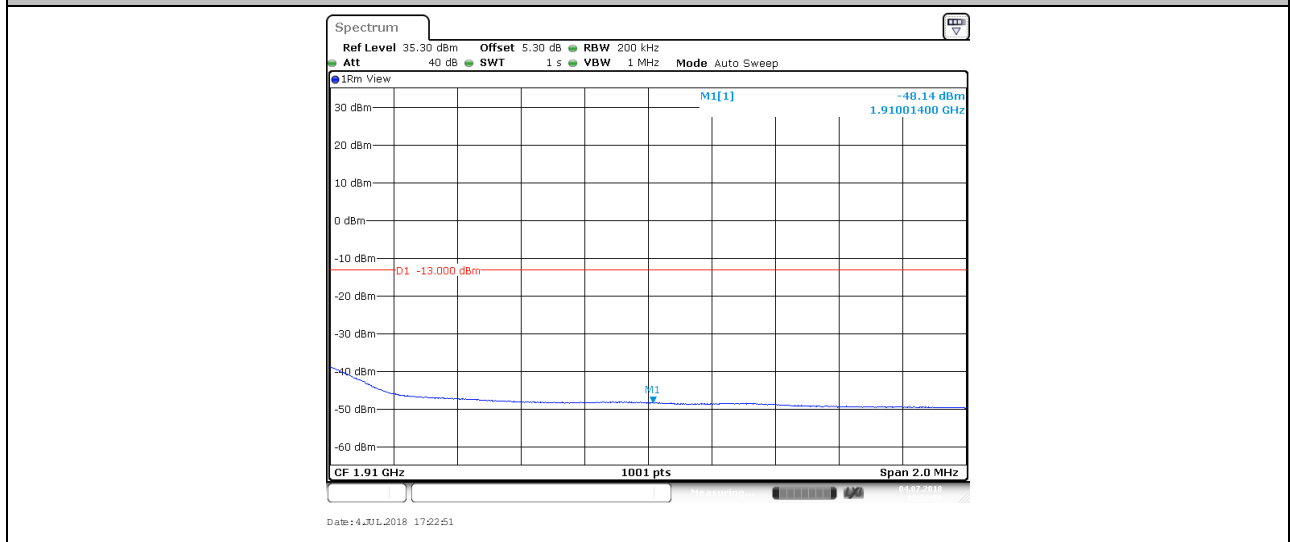
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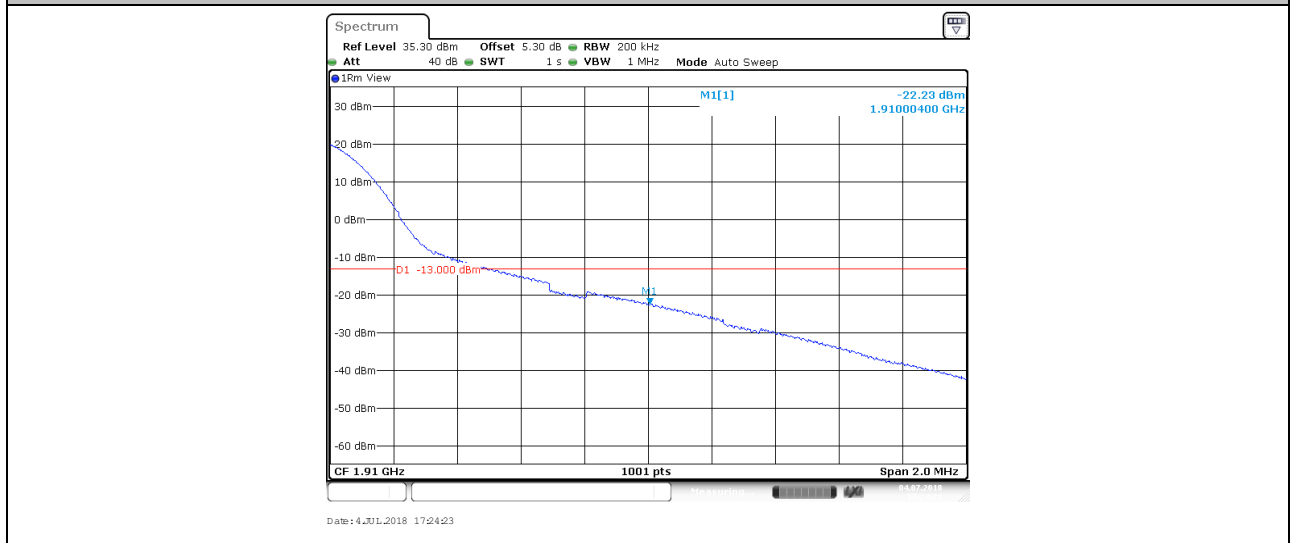
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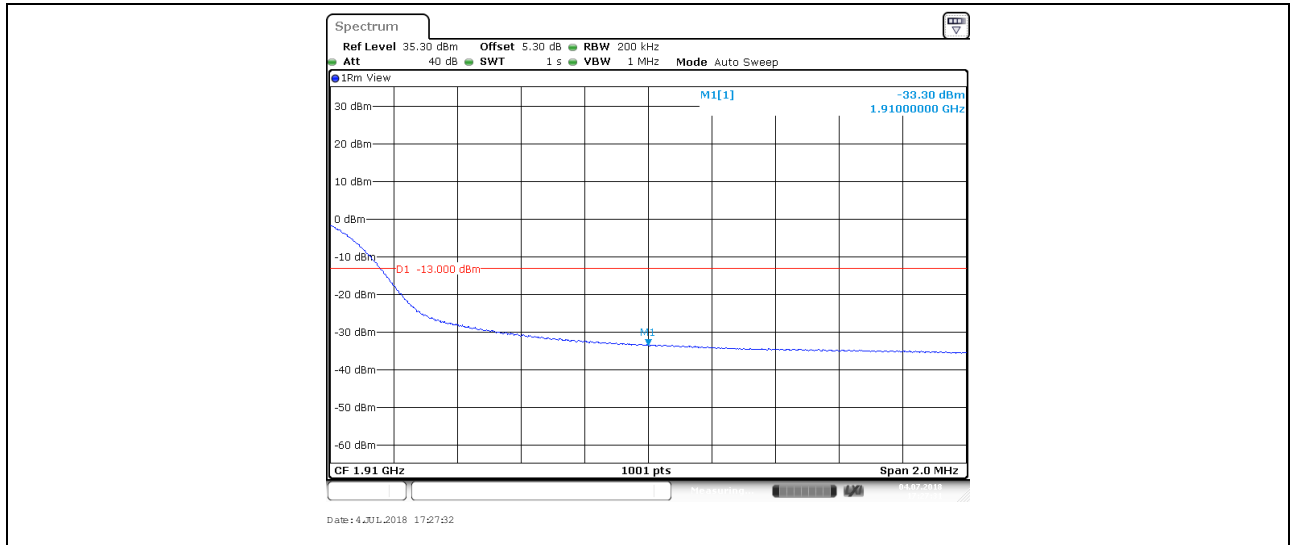
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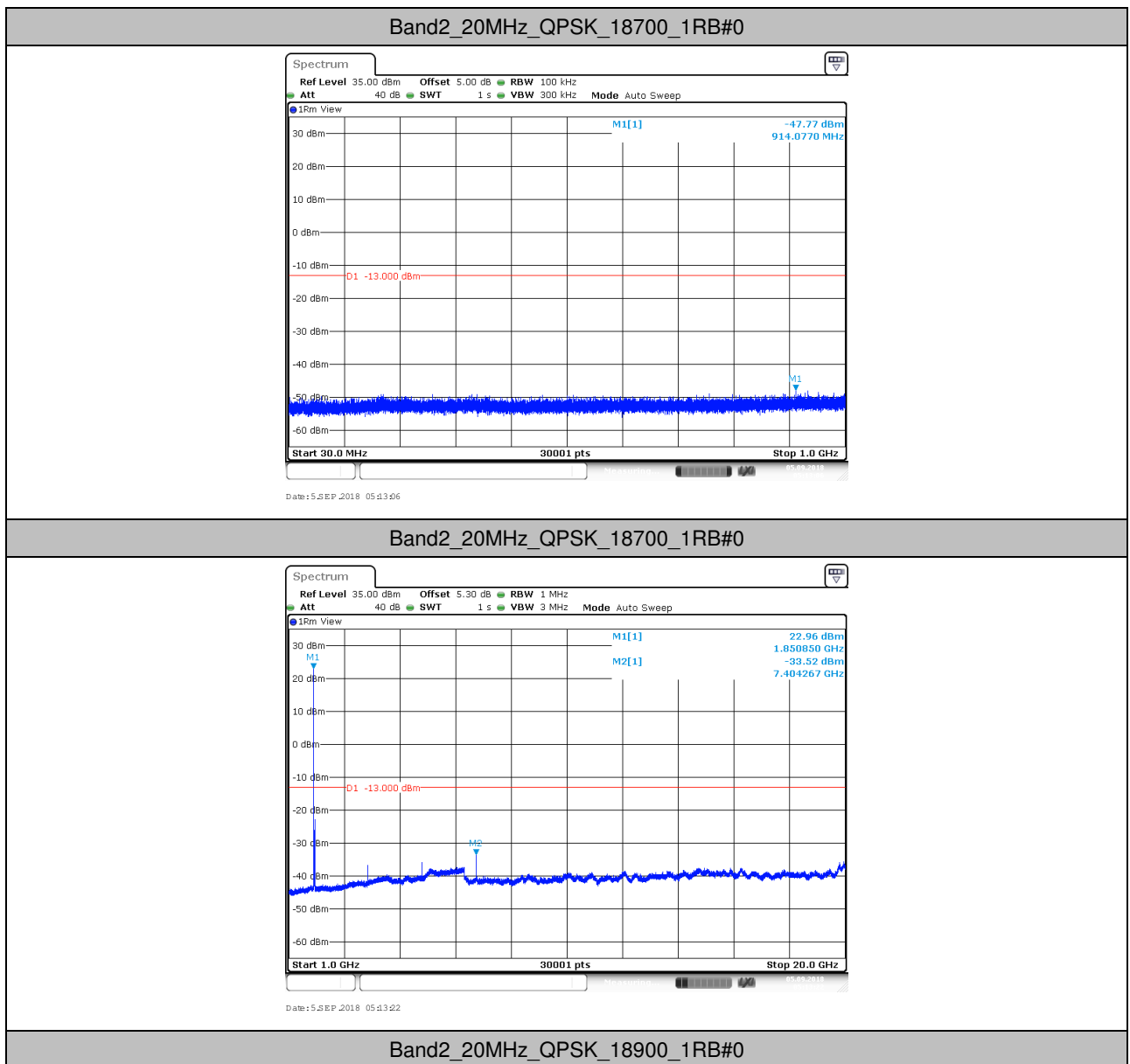
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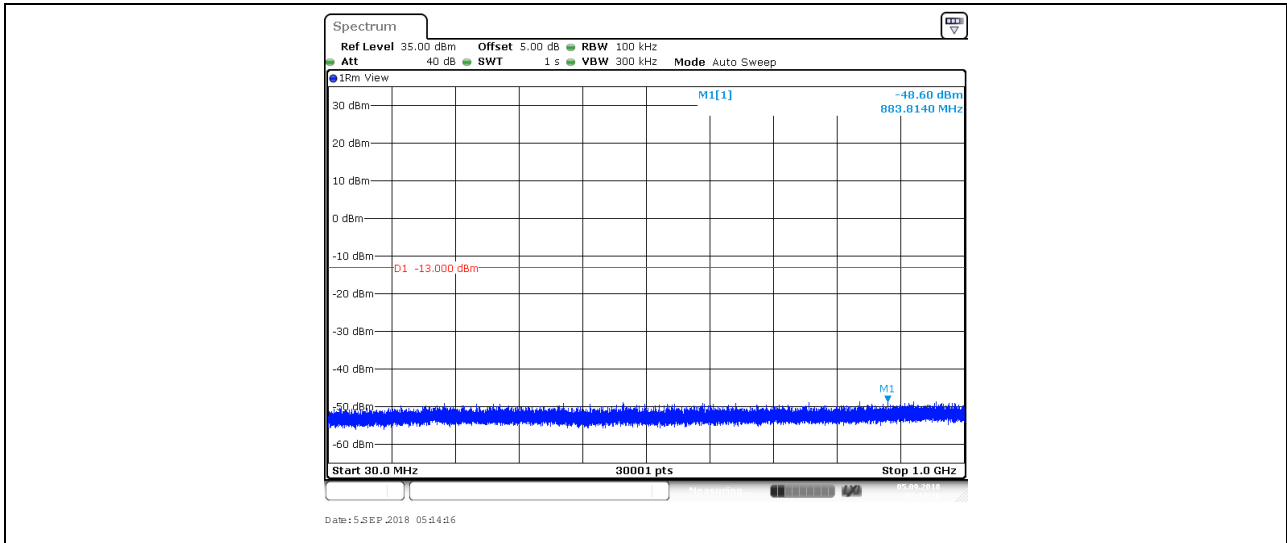


6. Spurious Emission at Antenna Terminal

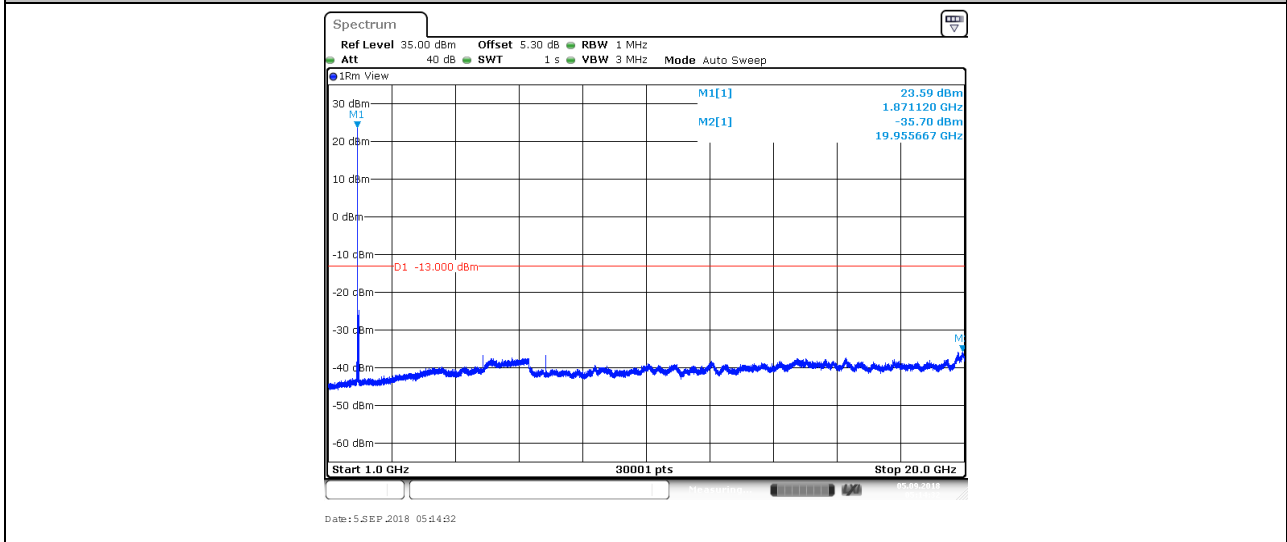
NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowBAND signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

6.1. Test Plots

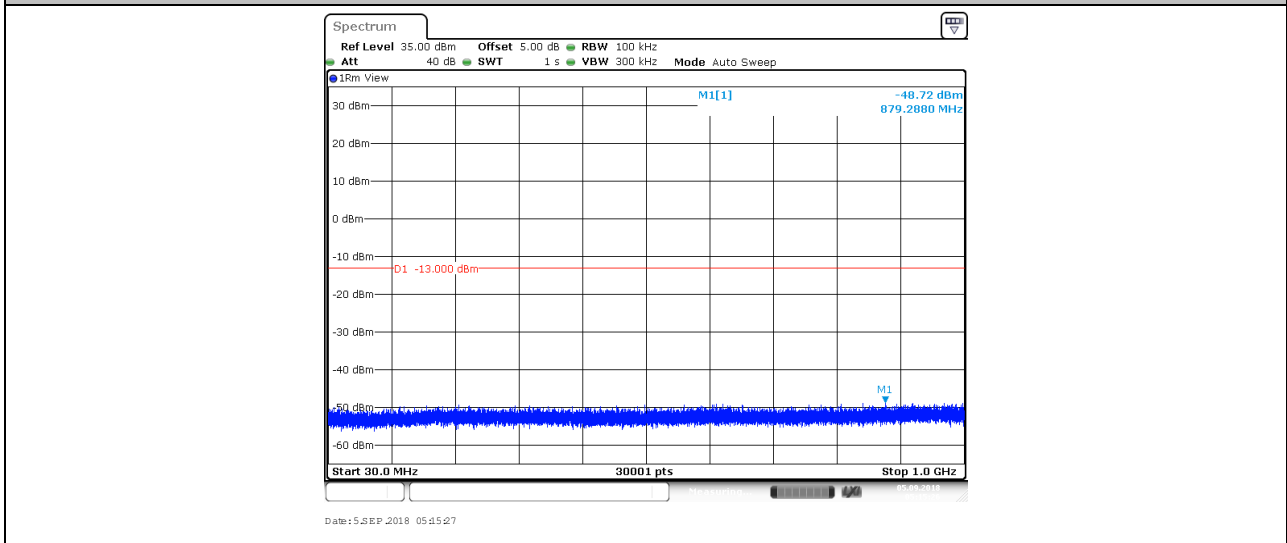




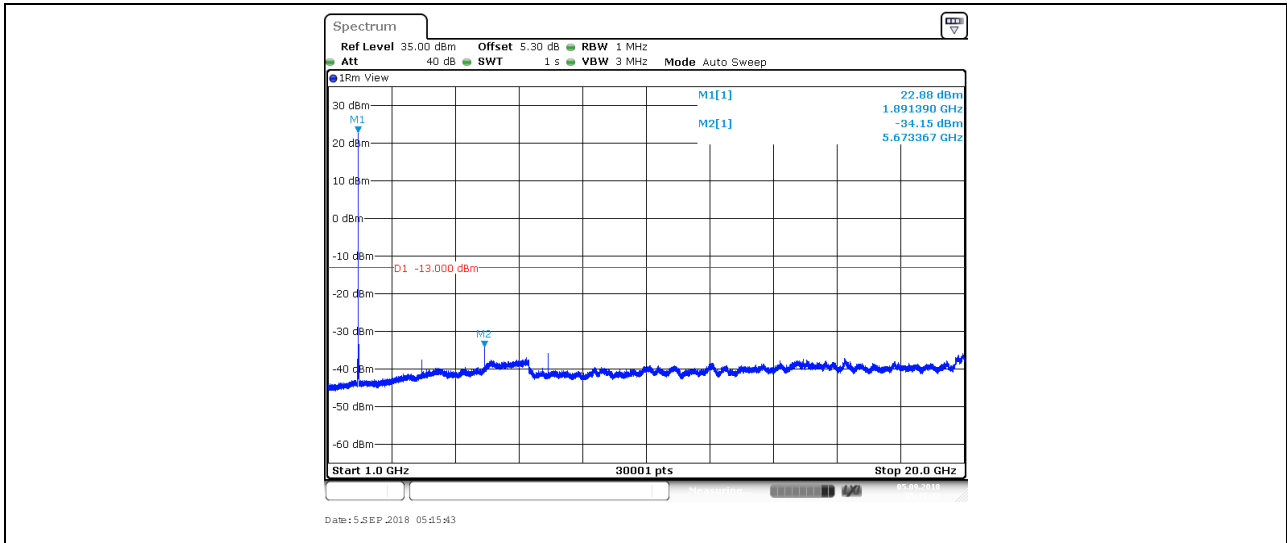
Band2_20MHz_QPSK_18900_1RB#0



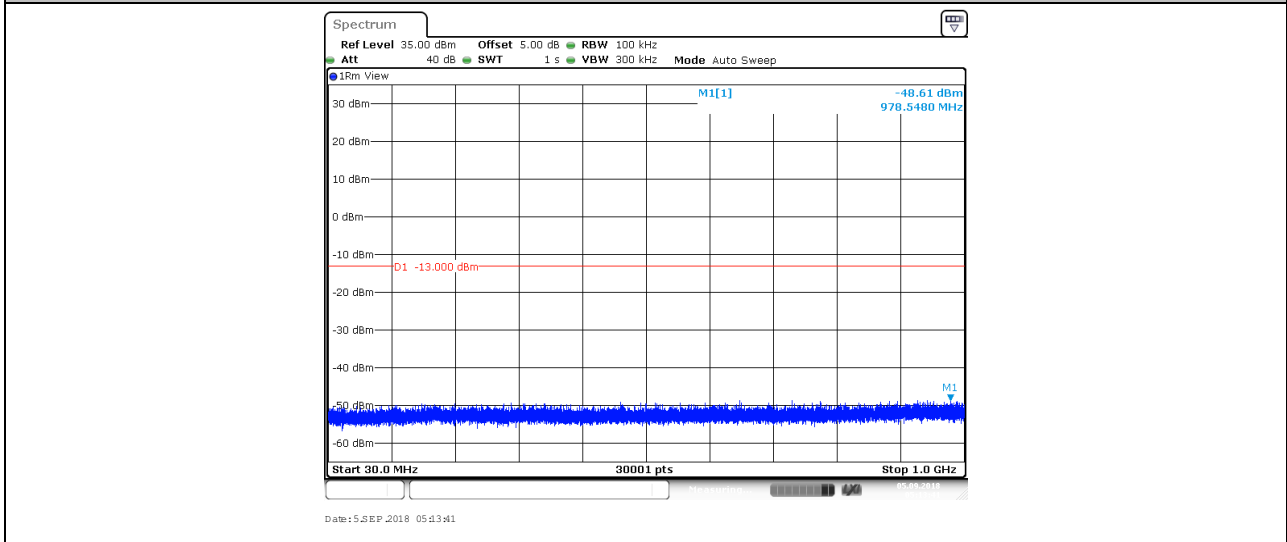
Band2_20MHz_QPSK_19100_1RB#0



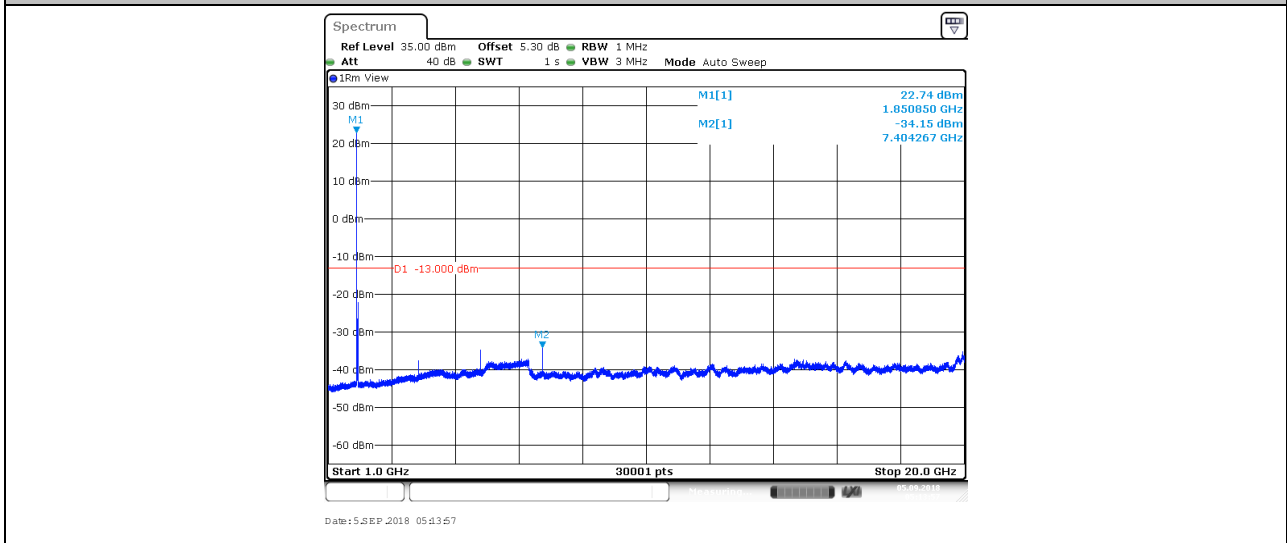
Band2_20MHz_QPSK_19100_1RB#0



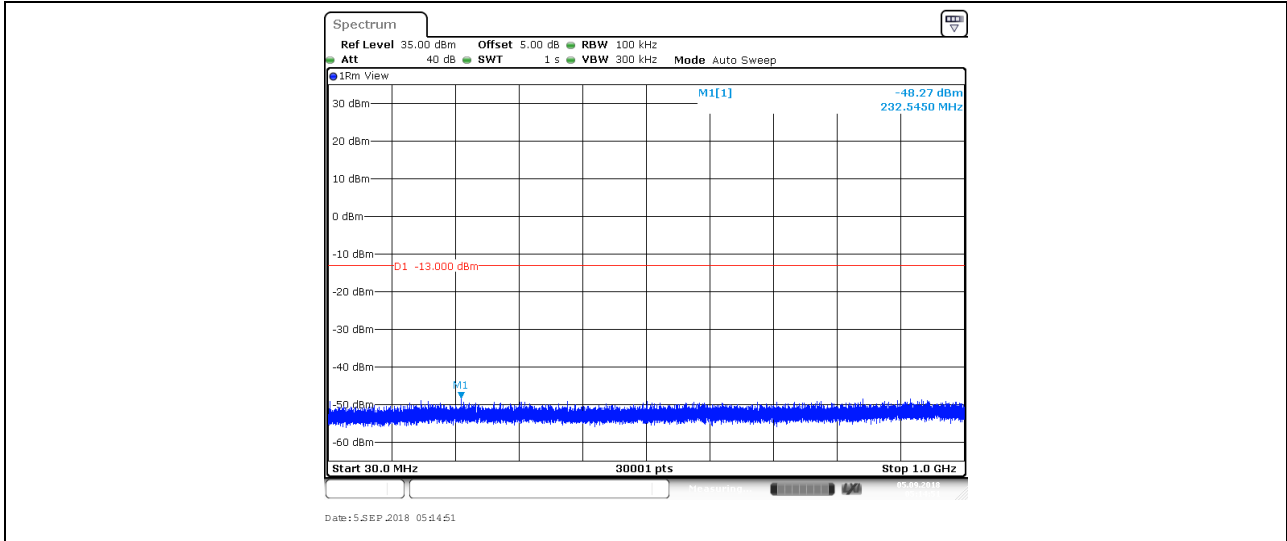
Band2_20MHz_16QAM_18700_1RB#0



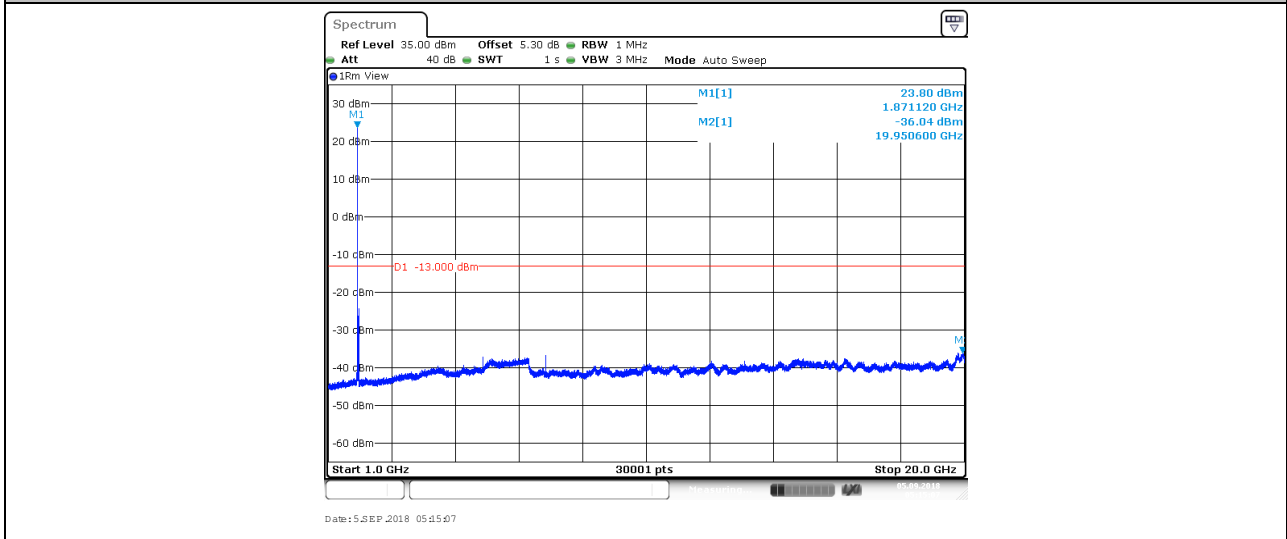
Band2_20MHz_16QAM_18700_1RB#0



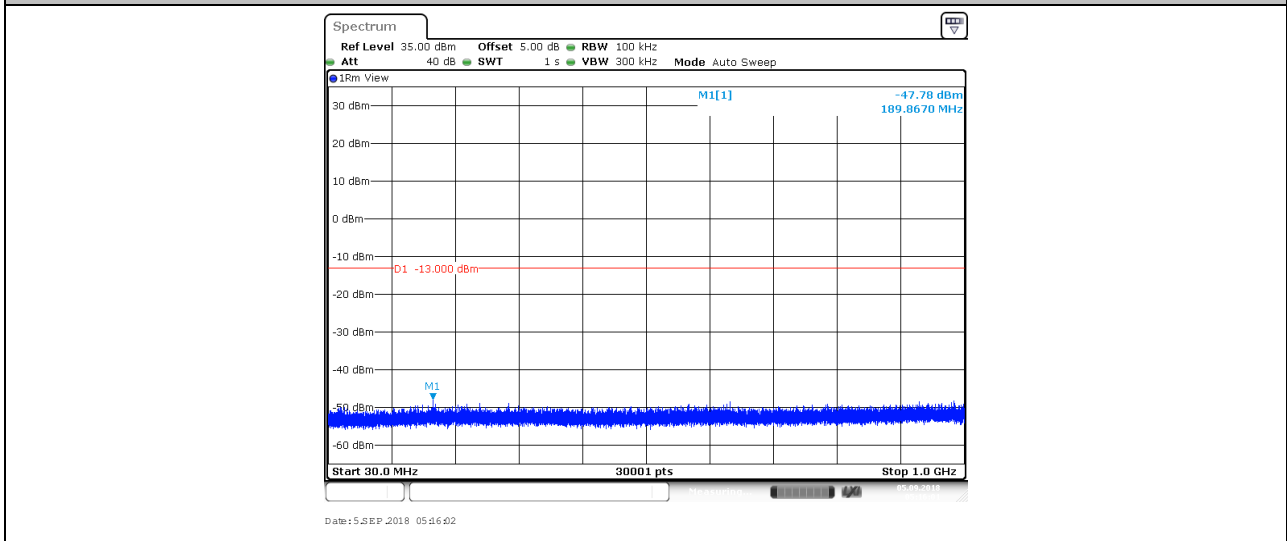
Band2_20MHz_16QAM_18900_1RB#0



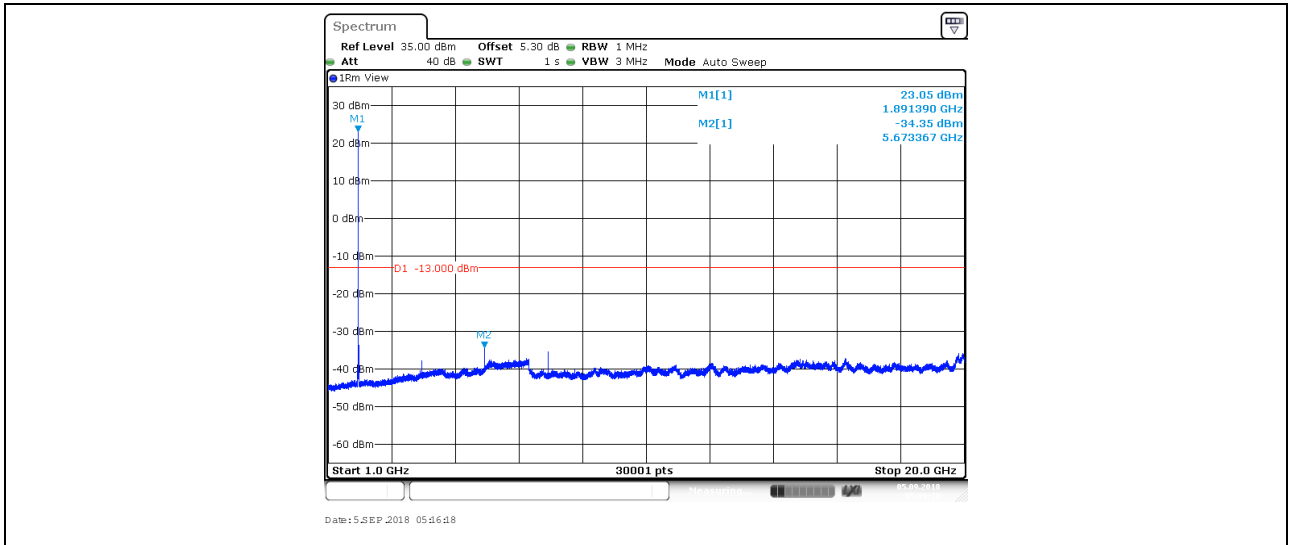
Band2_20MHz_16QAM_18900_1RB#0



Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#0





7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE BAND 2

7.1.1. Test Mode = LTE/TM1 20MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.050000	-81.62	-13.00	68.62	Vertical
799.662500	-79.80	-13.00	66.80	Vertical
3702.000000	-66.23	-13.00	53.23	Vertical
7404.500000	-59.15	-13.00	46.15	Vertical
9255.500000	-56.82	-13.00	43.82	Vertical
11106.500000	-49.96	-13.00	36.96	Vertical
62.300000	-77.42	-13.00	64.42	Horizontal
621.004167	-83.11	-13.00	70.11	Horizontal
3702.000000	-66.71	-13.00	53.71	Horizontal
7404.000000	-60.21	-13.00	47.21	Horizontal
9255.500000	-61.26	-13.00	48.26	Horizontal
11106.500000	-52.84	-13.00	39.84	Horizontal



7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.400000	-81.85	-13.00	68.85	Vertical
357.300000	-85.96	-13.00	72.96	Vertical
3742.000000	-66.83	-13.00	53.83	Vertical
7484.000000	-61.12	-13.00	48.12	Vertical
9355.500000	-58.45	-13.00	45.45	Vertical
11226.500000	-48.40	-13.00	35.40	Vertical
62.650000	-77.80	-13.00	64.80	Horizontal
632.737500	-83.41	-13.00	70.41	Horizontal
3742.000000	-67.91	-13.00	54.91	Horizontal
5613.000000	-65.19	-13.00	52.19	Horizontal
7484.000000	-59.87	-13.00	46.87	Horizontal
11226.500000	-55.65	-13.00	42.65	Horizontal

7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.400000	-81.92	-13.00	68.92	Vertical
780.916667	-80.08	-13.00	67.08	Vertical
3781.500000	-67.93	-13.00	54.93	Vertical
7564.500000	-63.72	-13.00	50.72	Vertical
9455.500000	-57.87	-13.00	44.87	Vertical
11346.500000	-53.14	-13.00	40.14	Vertical
62.550000	-77.35	-13.00	64.35	Horizontal
622.975000	-83.06	-13.00	70.06	Horizontal
3887.000000	-68.15	-13.00	55.15	Horizontal
7564.000000	-62.98	-13.00	49.98	Horizontal
9455.500000	-61.41	-13.00	48.41	Horizontal
11346.500000	-57.75	-13.00	44.75	Horizontal



NOTE:

- 1) All modes are tested, but the data presented above is the worst case. the disturbance above 12.75GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
- 2) We have tested all modulation and all Bandwidth, but only the worst case data presented in this report.



8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BAND2	20MHz	QPSK	18700	100RB#0	VL	NT	-2.00	-0.001075	±2.5	PASS
BAND2	20MHz	QPSK	18700	100RB#0	VN	NT	-1.40	-0.000753	±2.5	PASS
BAND2	20MHz	QPSK	18700	100RB#0	VH	NT	1.10	0.000591	±2.5	PASS
BAND2	20MHz	QPSK	18900	100RB#0	VL	NT	-1.10	-0.000585	±2.5	PASS
BAND2	20MHz	QPSK	18900	100RB#0	VN	NT	-0.50	-0.000266	±2.5	PASS
BAND2	20MHz	QPSK	18900	100RB#0	VH	NT	-3.50	-0.001862	±2.5	PASS
BAND2	20MHz	QPSK	19100	100RB#0	VL	NT	-1.20	-0.000632	±2.5	PASS
BAND2	20MHz	QPSK	19100	100RB#0	VN	NT	-4.50	-0.002368	±2.5	PASS
BAND2	20MHz	QPSK	19100	100RB#0	VH	NT	-6.60	-0.003474	±2.5	PASS
BAND2	20MHz	16QAM	18700	100RB#0	VL	NT	-2.70	-0.001452	±2.5	PASS
BAND2	20MHz	16QAM	18700	100RB#0	VN	NT	-11.70	-0.006290	±2.5	PASS
BAND2	20MHz	16QAM	18700	100RB#0	VH	NT	-11.40	-0.006129	±2.5	PASS
BAND2	20MHz	16QAM	18900	100RB#0	VL	NT	3.80	0.002021	±2.5	PASS
BAND2	20MHz	16QAM	18900	100RB#0	VN	NT	-8.50	-0.004521	±2.5	PASS
BAND2	20MHz	16QAM	18900	100RB#0	VH	NT	-11.90	-0.006330	±2.5	PASS
BAND2	20MHz	16QAM	19100	100RB#0	VL	NT	-9.20	-0.004842	±2.5	PASS
BAND2	20MHz	16QAM	19100	100RB#0	VN	NT	0.40	0.000211	±2.5	PASS
BAND2	20MHz	16QAM	19100	100RB#0	VH	NT	-7.10	-0.003737	±2.5	PASS

8.2. Frequency Vs Temperature

Temperature										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BAND2	20MHz	QPSK	18700	100RB#0	NV	-30	-9.60	-0.005161	±2.5	PASS
BAND2	20MHz	QPSK	18700	100RB#0	NV	-20	-8.20	-0.004409	±2.5	PASS
BAND2	20MHz	QPSK	18700	100RB#0	NV	0	-9.00	-0.004839	±2.5	PASS
BAND2	20MHz	QPSK	18700	100RB#0	NV	10	-1.40	-0.000753	±2.5	PASS
BAND2	20MHz	QPSK	18700	100RB#0	NV	20	-2.00	-0.001075	±2.5	PASS
BAND2	20MHz	QPSK	18900	100RB#0	NV	-30	0.10	0.000053	±2.5	PASS
BAND2	20MHz	QPSK	18900	100RB#0	NV	-20	0.40	0.000213	±2.5	PASS
BAND2	20MHz	QPSK	18900	100RB#0	NV	0	-1.40	-0.000745	±2.5	PASS
BAND2	20MHz	QPSK	18900	100RB#0	NV	10	-1.60	-0.000851	±2.5	PASS
BAND2	20MHz	QPSK	18900	100RB#0	NV	20	-2.00	-0.001064	±2.5	PASS
BAND2	20MHz	QPSK	19100	100RB#0	NV	-30	-5.60	-0.002947	±2.5	PASS
BAND2	20MHz	QPSK	19100	100RB#0	NV	-20	-1.80	-0.000947	±2.5	PASS
BAND2	20MHz	QPSK	19100	100RB#0	NV	0	-4.30	-0.002263	±2.5	PASS
BAND2	20MHz	QPSK	19100	100RB#0	NV	10	-19.30	-0.010158	±2.5	PASS
BAND2	20MHz	QPSK	19100	100RB#0	NV	20	2.80	0.001474	±2.5	PASS
BAND2	20MHz	16QAM	18700	100RB#0	NV	-30	-5.50	-0.002957	±2.5	PASS
BAND2	20MHz	16QAM	18700	100RB#0	NV	-20	-6.10	-0.003280	±2.5	PASS

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BAND2	20MHz	16QAM	18700	100RB#0	NV	0	-13.40	-0.007204	±2.5	PASS
BAND2	20MHz	16QAM	18700	100RB#0	NV	10	2.10	0.001129	±2.5	PASS
BAND2	20MHz	16QAM	18700	100RB#0	NV	20	-5.30	-0.002849	±2.5	PASS
BAND2	20MHz	16QAM	18900	100RB#0	NV	-30	-8.10	-0.004309	±2.5	PASS
BAND2	20MHz	16QAM	18900	100RB#0	NV	-20	-17.10	-0.009096	±2.5	PASS
BAND2	20MHz	16QAM	18900	100RB#0	NV	0	0.00	0.000000	±2.5	PASS
BAND2	20MHz	16QAM	18900	100RB#0	NV	10	-14.90	-0.007926	±2.5	PASS
BAND2	20MHz	16QAM	18900	100RB#0	NV	20	-14.10	-0.007500	±2.5	PASS
BAND2	20MHz	16QAM	19100	100RB#0	NV	-30	-5.30	-0.002789	±2.5	PASS
BAND2	20MHz	16QAM	19100	100RB#0	NV	-20	-13.40	-0.007053	±2.5	PASS
BAND2	20MHz	16QAM	19100	100RB#0	NV	0	-3.60	-0.001895	±2.5	PASS
BAND2	20MHz	16QAM	19100	100RB#0	NV	10	-13.80	-0.007263	±2.5	PASS
BAND2	20MHz	16QAM	19100	100RB#0	NV	20	-4.80	-0.002526	±2.5	PASS

The End