



Appendix B

E-UTRA BAND 66

E-UTRA BAND 4



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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
BAND 66	1.4MHz	QPSK	131979	1RB#0	23.30	25.30	27.3	PASS
BAND 66	1.4MHz	QPSK	131979	1RB#2	23.32	25.32	27.32	PASS
BAND 66	1.4MHz	QPSK	131979	1RB#5	23.21	25.21	27.21	PASS
BAND 66	1.4MHz	QPSK	131979	3RB#0	23.19	25.19	27.19	PASS
BAND 66	1.4MHz	QPSK	131979	3RB#1	23.27	25.27	27.27	PASS
BAND 66	1.4MHz	QPSK	131979	3RB#3	23.26	25.26	27.26	PASS
BAND 66	1.4MHz	QPSK	131979	6RB#0	22.13	24.13	26.13	PASS
BAND 66	1.4MHz	QPSK	132322	1RB#0	23.15	25.15	27.15	PASS
BAND 66	1.4MHz	QPSK	132322	1RB#2	23.14	25.14	27.14	PASS
BAND 66	1.4MHz	QPSK	132322	1RB#5	23.09	25.09	27.09	PASS
BAND 66	1.4MHz	QPSK	132322	3RB#0	23.16	25.16	27.16	PASS
BAND 66	1.4MHz	QPSK	132322	3RB#1	23.13	25.13	27.13	PASS
BAND 66	1.4MHz	QPSK	132322	3RB#3	23.12	25.12	27.12	PASS
BAND 66	1.4MHz	QPSK	132322	6RB#0	22.06	24.06	26.06	PASS
BAND 66	1.4MHz	QPSK	132665	1RB#0	23.01	25.01	27.01	PASS
BAND 66	1.4MHz	QPSK	132665	1RB#2	23.09	25.09	27.09	PASS
BAND 66	1.4MHz	QPSK	132665	1RB#5	22.96	24.96	26.96	PASS
BAND 66	1.4MHz	QPSK	132665	3RB#0	23.08	25.08	27.08	PASS
BAND 66	1.4MHz	QPSK	132665	3RB#1	23.09	25.09	27.09	PASS
BAND 66	1.4MHz	QPSK	132665	3RB#3	23.11	25.11	27.11	PASS
BAND 66	1.4MHz	QPSK	132665	6RB#0	22.10	24.10	26.1	PASS
BAND 66	1.4MHz	64QAM	131979	1RB#0	22.17	24.17	26.17	PASS
BAND 66	1.4MHz	64QAM	131979	1RB#2	22.29	24.29	26.29	PASS
BAND 66	1.4MHz	64QAM	131979	1RB#5	22.12	24.12	26.12	PASS
BAND 66	1.4MHz	64QAM	131979	3RB#0	22.04	24.04	26.04	PASS
BAND 66	1.4MHz	64QAM	131979	3RB#1	22.08	24.08	26.08	PASS
BAND 66	1.4MHz	64QAM	131979	3RB#3	22.12	24.12	26.12	PASS
BAND 66	1.4MHz	64QAM	131979	6RB#0	20.99	22.99	24.99	PASS
BAND 66	1.4MHz	64QAM	132322	1RB#0	22.06	24.06	26.06	PASS
BAND 66	1.4MHz	64QAM	132322	1RB#2	22.13	24.13	26.13	PASS
BAND 66	1.4MHz	64QAM	132322	1RB#5	22.05	24.05	26.05	PASS
BAND 66	1.4MHz	64QAM	132322	3RB#0	22.18	24.18	26.18	PASS
BAND 66	1.4MHz	64QAM	132322	3RB#1	22.14	24.14	26.14	PASS
BAND 66	1.4MHz	64QAM	132322	3RB#3	22.04	24.04	26.04	PASS



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BAND 66	1.4MHz	64QAM	132322	6RB#0	21.03	23.03	25.03	PASS
BAND 66	1.4MHz	64QAM	132665	1RB#0	22.08	24.08	26.08	PASS
BAND 66	1.4MHz	64QAM	132665	1RB#2	22.04	24.04	26.04	PASS
BAND 66	1.4MHz	64QAM	132665	1RB#5	22.02	24.02	26.02	PASS
BAND 66	1.4MHz	64QAM	132665	3RB#0	22.06	24.06	26.06	PASS
BAND 66	1.4MHz	64QAM	132665	3RB#1	22.11	24.11	26.11	PASS
BAND 66	1.4MHz	64QAM	132665	3RB#3	21.99	23.99	25.99	PASS
BAND 66	1.4MHz	64QAM	132665	6RB#0	21.00	23.00	25	PASS
BAND 66	1.4MHz	16QAM	131979	1RB#0	22.50	24.50	26.5	PASS
BAND 66	1.4MHz	16QAM	131979	1RB#2	22.42	24.42	26.42	PASS
BAND 66	1.4MHz	16QAM	131979	1RB#5	22.43	24.43	26.43	PASS
BAND 66	1.4MHz	16QAM	131979	3RB#0	22.39	24.39	26.39	PASS
BAND 66	1.4MHz	16QAM	131979	3RB#1	22.48	24.48	26.48	PASS
BAND 66	1.4MHz	16QAM	131979	3RB#3	22.35	24.35	26.35	PASS
BAND 66	1.4MHz	16QAM	131979	6RB#0	21.13	23.13	25.13	PASS
BAND 66	1.4MHz	16QAM	132322	1RB#0	22.44	24.44	26.44	PASS
BAND 66	1.4MHz	16QAM	132322	1RB#2	22.44	24.44	26.44	PASS
BAND 66	1.4MHz	16QAM	132322	1RB#5	22.31	24.31	26.31	PASS
BAND 66	1.4MHz	16QAM	132322	3RB#0	22.27	24.27	26.27	PASS
BAND 66	1.4MHz	16QAM	132322	3RB#1	22.30	24.30	26.3	PASS
BAND 66	1.4MHz	16QAM	132322	3RB#3	22.17	24.17	26.17	PASS
BAND 66	1.4MHz	16QAM	132322	6RB#0	21.14	23.14	25.14	PASS
BAND 66	1.4MHz	16QAM	132665	1RB#0	22.35	24.35	26.35	PASS
BAND 66	1.4MHz	16QAM	132665	1RB#2	22.35	24.35	26.35	PASS
BAND 66	1.4MHz	16QAM	132665	1RB#5	22.20	24.20	26.2	PASS
BAND 66	1.4MHz	16QAM	132665	3RB#0	22.24	24.24	26.24	PASS
BAND 66	1.4MHz	16QAM	132665	3RB#1	22.30	24.30	26.3	PASS
BAND 66	1.4MHz	16QAM	132665	3RB#3	22.22	24.22	26.22	PASS
BAND 66	1.4MHz	16QAM	132665	6RB#0	21.19	23.19	25.19	PASS
BAND 66	3MHz	QPSK	131987	1RB#0	23.10	25.10	27.1	PASS
BAND 66	3MHz	QPSK	131987	1RB#8	23.10	25.10	27.1	PASS
BAND 66	3MHz	QPSK	131987	1RB#14	23.09	25.09	27.09	PASS
BAND 66	3MHz	QPSK	131987	8RB#0	22.16	24.16	26.16	PASS
BAND 66	3MHz	QPSK	131987	8RB#4	22.16	24.16	26.16	PASS
BAND 66	3MHz	QPSK	131987	8RB#7	22.11	24.11	26.11	PASS
BAND 66	3MHz	QPSK	131987	15RB#0	22.15	24.15	26.15	PASS
BAND 66	3MHz	QPSK	132322	1RB#0	23.13	25.13	27.13	PASS
BAND 66	3MHz	QPSK	132322	1RB#8	23.10	25.10	27.1	PASS
BAND 66	3MHz	QPSK	132322	1RB#14	23.06	25.06	27.06	PASS
BAND 66	3MHz	QPSK	132322	8RB#0	22.16	24.16	26.16	PASS
BAND 66	3MHz	QPSK	132322	8RB#4	22.16	24.16	26.16	PASS

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BAND 66	3MHz	QPSK	132322	8RB#7	22.12	24.12	26.12	PASS
BAND 66	3MHz	QPSK	132322	15RB#0	22.12	24.12	26.12	PASS
BAND 66	3MHz	QPSK	132657	1RB#0	23.07	25.07	27.07	PASS
BAND 66	3MHz	QPSK	132657	1RB#8	23.07	25.07	27.07	PASS
BAND 66	3MHz	QPSK	132657	1RB#14	22.88	24.88	26.88	PASS
BAND 66	3MHz	QPSK	132657	8RB#0	22.03	24.03	26.03	PASS
BAND 66	3MHz	QPSK	132657	8RB#4	22.15	24.15	26.15	PASS
BAND 66	3MHz	QPSK	132657	8RB#7	22.10	24.10	26.1	PASS
BAND 66	3MHz	QPSK	132657	15RB#0	22.09	24.09	26.09	PASS
BAND 66	3MHz	64QAM	131987	1RB#0	22.14	24.14	26.14	PASS
BAND 66	3MHz	64QAM	131987	1RB#8	22.06	24.06	26.06	PASS
BAND 66	3MHz	64QAM	131987	1RB#14	22.05	24.05	26.05	PASS
BAND 66	3MHz	64QAM	131987	8RB#0	21.06	23.06	25.06	PASS
BAND 66	3MHz	64QAM	131987	8RB#4	21.05	23.05	25.05	PASS
BAND 66	3MHz	64QAM	131987	8RB#7	21.08	23.08	25.08	PASS
BAND 66	3MHz	64QAM	131987	15RB#0	21.10	23.10	25.1	PASS
BAND 66	3MHz	64QAM	132322	1RB#0	22.21	24.21	26.21	PASS
BAND 66	3MHz	64QAM	132322	1RB#8	22.15	24.15	26.15	PASS
BAND 66	3MHz	64QAM	132322	1RB#14	22.10	24.10	26.1	PASS
BAND 66	3MHz	64QAM	132322	8RB#0	21.14	23.14	25.14	PASS
BAND 66	3MHz	64QAM	132322	8RB#4	21.10	23.10	25.1	PASS
BAND 66	3MHz	64QAM	132322	8RB#7	21.00	23.00	25	PASS
BAND 66	3MHz	64QAM	132322	15RB#0	21.07	23.07	25.07	PASS
BAND 66	3MHz	64QAM	132657	1RB#0	22.07	24.07	26.07	PASS
BAND 66	3MHz	64QAM	132657	1RB#8	22.08	24.08	26.08	PASS
BAND 66	3MHz	64QAM	132657	1RB#14	22.00	24.00	26	PASS
BAND 66	3MHz	64QAM	132657	8RB#0	20.92	22.92	24.92	PASS
BAND 66	3MHz	64QAM	132657	8RB#4	21.10	23.10	25.1	PASS
BAND 66	3MHz	64QAM	132657	8RB#7	21.08	23.08	25.08	PASS
BAND 66	3MHz	64QAM	132657	15RB#0	21.06	23.06	25.06	PASS
BAND 66	3MHz	16QAM	131987	1RB#0	22.40	24.40	26.4	PASS
BAND 66	3MHz	16QAM	131987	1RB#8	22.37	24.37	26.37	PASS
BAND 66	3MHz	16QAM	131987	1RB#14	22.33	24.33	26.33	PASS
BAND 66	3MHz	16QAM	131987	8RB#0	21.18	23.18	25.18	PASS
BAND 66	3MHz	16QAM	131987	8RB#4	21.19	23.19	25.19	PASS
BAND 66	3MHz	16QAM	131987	8RB#7	21.18	23.18	25.18	PASS
BAND 66	3MHz	16QAM	131987	15RB#0	21.11	23.11	25.11	PASS
BAND 66	3MHz	16QAM	132322	1RB#0	22.27	24.27	26.27	PASS
BAND 66	3MHz	16QAM	132322	1RB#8	22.33	24.33	26.33	PASS
BAND 66	3MHz	16QAM	132322	1RB#14	22.41	24.41	26.41	PASS
BAND 66	3MHz	16QAM	132322	8RB#0	21.17	23.17	25.17	PASS

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BAND 66	3MHz	16QAM	132322	8RB#4	21.12	23.12	25.12	PASS
BAND 66	3MHz	16QAM	132322	8RB#7	21.12	23.12	25.12	PASS
BAND 66	3MHz	16QAM	132322	15RB#0	21.12	23.12	25.12	PASS
BAND 66	3MHz	16QAM	132657	1RB#0	22.31	24.31	26.31	PASS
BAND 66	3MHz	16QAM	132657	1RB#8	22.36	24.36	26.36	PASS
BAND 66	3MHz	16QAM	132657	1RB#14	22.16	24.16	26.16	PASS
BAND 66	3MHz	16QAM	132657	8RB#0	21.18	23.18	25.18	PASS
BAND 66	3MHz	16QAM	132657	8RB#4	21.04	23.04	25.04	PASS
BAND 66	3MHz	16QAM	132657	8RB#7	21.13	23.13	25.13	PASS
BAND 66	3MHz	16QAM	132657	15RB#0	21.11	23.11	25.11	PASS
BAND 66	5MHz	QPSK	131997	1RB#0	23.16	25.16	27.16	PASS
BAND 66	5MHz	QPSK	131997	1RB#12	23.13	25.13	27.13	PASS
BAND 66	5MHz	QPSK	131997	1RB#24	22.99	24.99	26.99	PASS
BAND 66	5MHz	QPSK	131997	12RB#0	22.08	24.08	26.08	PASS
BAND 66	5MHz	QPSK	131997	12RB#6	22.18	24.18	26.18	PASS
BAND 66	5MHz	QPSK	131997	12RB#13	22.02	24.02	26.02	PASS
BAND 66	5MHz	QPSK	131997	25RB#0	22.04	24.04	26.04	PASS
BAND 66	5MHz	QPSK	132322	1RB#0	23.12	25.12	27.12	PASS
BAND 66	5MHz	QPSK	132322	1RB#12	23.02	25.02	27.02	PASS
BAND 66	5MHz	QPSK	132322	1RB#24	22.90	24.90	26.9	PASS
BAND 66	5MHz	QPSK	132322	12RB#0	22.09	24.09	26.09	PASS
BAND 66	5MHz	QPSK	132322	12RB#6	22.06	24.06	26.06	PASS
BAND 66	5MHz	QPSK	132322	12RB#13	21.95	23.95	25.95	PASS
BAND 66	5MHz	QPSK	132322	25RB#0	22.03	24.03	26.03	PASS
BAND 66	5MHz	QPSK	132647	1RB#0	23.04	25.04	27.04	PASS
BAND 66	5MHz	QPSK	132647	1RB#12	22.93	24.93	26.93	PASS
BAND 66	5MHz	QPSK	132647	1RB#24	22.94	24.94	26.94	PASS
BAND 66	5MHz	QPSK	132647	12RB#0	22.05	24.05	26.05	PASS
BAND 66	5MHz	QPSK	132647	12RB#6	22.02	24.02	26.02	PASS
BAND 66	5MHz	QPSK	132647	12RB#13	21.94	23.94	25.94	PASS
BAND 66	5MHz	QPSK	132647	25RB#0	22.02	24.02	26.02	PASS
BAND 66	5MHz	64QAM	131997	1RB#0	22.41	24.41	26.41	PASS
BAND 66	5MHz	64QAM	131997	1RB#12	22.48	24.48	26.48	PASS
BAND 66	5MHz	64QAM	131997	1RB#24	22.27	24.27	26.27	PASS
BAND 66	5MHz	64QAM	131997	12RB#0	21.22	23.22	25.22	PASS
BAND 66	5MHz	64QAM	131997	12RB#6	21.22	23.22	25.22	PASS
BAND 66	5MHz	64QAM	131997	12RB#13	21.16	23.16	25.16	PASS
BAND 66	5MHz	64QAM	131997	25RB#0	21.23	23.23	25.23	PASS
BAND 66	5MHz	64QAM	132322	1RB#0	22.29	24.29	26.29	PASS
BAND 66	5MHz	64QAM	132322	1RB#12	22.24	24.24	26.24	PASS
BAND 66	5MHz	64QAM	132322	1RB#24	22.10	24.10	26.1	PASS

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BAND 66	5MHz	64QAM	132322	12RB#0	21.21	23.21	25.21	PASS
BAND 66	5MHz	64QAM	132322	12RB#6	21.10	23.10	25.1	PASS
BAND 66	5MHz	64QAM	132322	12RB#13	21.01	23.01	25.01	PASS
BAND 66	5MHz	64QAM	132322	25RB#0	21.04	23.04	25.04	PASS
BAND 66	5MHz	64QAM	132647	1RB#0	22.21	24.21	26.21	PASS
BAND 66	5MHz	64QAM	132647	1RB#12	22.16	24.16	26.16	PASS
BAND 66	5MHz	64QAM	132647	1RB#24	22.04	24.04	26.04	PASS
BAND 66	5MHz	64QAM	132647	12RB#0	21.14	23.14	25.14	PASS
BAND 66	5MHz	64QAM	132647	12RB#6	21.07	23.07	25.07	PASS
BAND 66	5MHz	64QAM	132647	12RB#13	21.07	23.07	25.07	PASS
BAND 66	5MHz	64QAM	132647	25RB#0	21.02	23.02	25.02	PASS
BAND 66	5MHz	16QAM	131997	1RB#0	22.41	24.41	26.41	PASS
BAND 66	5MHz	16QAM	131997	1RB#12	22.33	24.33	26.33	PASS
BAND 66	5MHz	16QAM	131997	1RB#24	22.27	24.27	26.27	PASS
BAND 66	5MHz	16QAM	131997	12RB#0	21.11	23.11	25.11	PASS
BAND 66	5MHz	16QAM	131997	12RB#6	21.12	23.12	25.12	PASS
BAND 66	5MHz	16QAM	131997	12RB#13	21.05	23.05	25.05	PASS
BAND 66	5MHz	16QAM	131997	25RB#0	21.06	23.06	25.06	PASS
BAND 66	5MHz	16QAM	132322	1RB#0	22.35	24.35	26.35	PASS
BAND 66	5MHz	16QAM	132322	1RB#12	22.39	24.39	26.39	PASS
BAND 66	5MHz	16QAM	132322	1RB#24	22.13	24.13	26.13	PASS
BAND 66	5MHz	16QAM	132322	12RB#0	21.12	23.12	25.12	PASS
BAND 66	5MHz	16QAM	132322	12RB#6	21.15	23.15	25.15	PASS
BAND 66	5MHz	16QAM	132322	12RB#13	21.04	23.04	25.04	PASS
BAND 66	5MHz	16QAM	132322	25RB#0	21.00	23.00	25	PASS
BAND 66	5MHz	16QAM	132647	1RB#0	22.34	24.34	26.34	PASS
BAND 66	5MHz	16QAM	132647	1RB#12	22.30	24.30	26.3	PASS
BAND 66	5MHz	16QAM	132647	1RB#24	22.19	24.19	26.19	PASS
BAND 66	5MHz	16QAM	132647	12RB#0	21.07	23.07	25.07	PASS
BAND 66	5MHz	16QAM	132647	12RB#6	21.10	23.10	25.1	PASS
BAND 66	5MHz	16QAM	132647	12RB#13	21.03	23.03	25.03	PASS
BAND 66	5MHz	16QAM	132647	25RB#0	20.99	22.99	24.99	PASS
BAND 66	10MHz	QPSK	132022	1RB#0	23.22	25.22	27.22	PASS
BAND 66	10MHz	QPSK	132022	1RB#24	23.02	25.02	27.02	PASS
BAND 66	10MHz	QPSK	132022	1RB#49	22.98	24.98	26.98	PASS
BAND 66	10MHz	QPSK	132022	25RB#0	22.15	24.15	26.15	PASS
BAND 66	10MHz	QPSK	132022	25RB#12	22.09	24.09	26.09	PASS
BAND 66	10MHz	QPSK	132022	25RB#25	22.02	24.02	26.02	PASS
BAND 66	10MHz	QPSK	132022	50RB#0	22.14	24.14	26.14	PASS
BAND 66	10MHz	QPSK	132322	1RB#0	23.22	25.22	27.22	PASS
BAND 66	10MHz	QPSK	132322	1RB#24	23.02	25.02	27.02	PASS

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BAND 66	10MHz	QPSK	132322	1RB#49	22.95	24.95	26.95	PASS
BAND 66	10MHz	QPSK	132322	25RB#0	22.07	24.07	26.07	PASS
BAND 66	10MHz	QPSK	132322	25RB#12	22.07	24.07	26.07	PASS
BAND 66	10MHz	QPSK	132322	25RB#25	21.96	23.96	25.96	PASS
BAND 66	10MHz	QPSK	132322	50RB#0	22.07	24.07	26.07	PASS
BAND 66	10MHz	QPSK	132622	1RB#0	23.20	25.20	27.2	PASS
BAND 66	10MHz	QPSK	132622	1RB#24	23.00	25.00	27	PASS
BAND 66	10MHz	QPSK	132622	1RB#49	22.95	24.95	26.95	PASS
BAND 66	10MHz	QPSK	132622	25RB#0	22.09	24.09	26.09	PASS
BAND 66	10MHz	QPSK	132622	25RB#12	22.14	24.14	26.14	PASS
BAND 66	10MHz	QPSK	132622	25RB#25	22.02	24.02	26.02	PASS
BAND 66	10MHz	QPSK	132622	50RB#0	22.10	24.10	26.1	PASS
BAND 66	10MHz	64QAM	132022	1RB#0	22.48	24.48	26.48	PASS
BAND 66	10MHz	64QAM	132022	1RB#24	22.26	24.26	26.26	PASS
BAND 66	10MHz	64QAM	132022	1RB#49	22.31	24.31	26.31	PASS
BAND 66	10MHz	64QAM	132022	25RB#0	21.45	23.45	25.45	PASS
BAND 66	10MHz	64QAM	132022	25RB#12	21.42	23.42	25.42	PASS
BAND 66	10MHz	64QAM	132022	25RB#25	21.24	23.24	25.24	PASS
BAND 66	10MHz	64QAM	132022	50RB#0	21.21	23.21	25.21	PASS
BAND 66	10MHz	64QAM	132322	1RB#0	22.50	24.50	26.5	PASS
BAND 66	10MHz	64QAM	132322	1RB#24	22.25	24.25	26.25	PASS
BAND 66	10MHz	64QAM	132322	1RB#49	22.12	24.12	26.12	PASS
BAND 66	10MHz	64QAM	132322	25RB#0	21.27	23.27	25.27	PASS
BAND 66	10MHz	64QAM	132322	25RB#12	21.26	23.26	25.26	PASS
BAND 66	10MHz	64QAM	132322	25RB#25	21.18	23.18	25.18	PASS
BAND 66	10MHz	64QAM	132322	50RB#0	21.15	23.15	25.15	PASS
BAND 66	10MHz	64QAM	132622	1RB#0	22.37	24.37	26.37	PASS
BAND 66	10MHz	64QAM	132622	1RB#24	22.07	24.07	26.07	PASS
BAND 66	10MHz	64QAM	132622	1RB#49	22.14	24.14	26.14	PASS
BAND 66	10MHz	64QAM	132622	25RB#0	21.11	23.11	25.11	PASS
BAND 66	10MHz	64QAM	132622	25RB#12	21.17	23.17	25.17	PASS
BAND 66	10MHz	64QAM	132622	25RB#25	21.06	23.06	25.06	PASS
BAND 66	10MHz	64QAM	132622	50RB#0	21.18	23.18	25.18	PASS
BAND 66	10MHz	16QAM	132022	1RB#0	22.42	24.42	26.42	PASS
BAND 66	10MHz	16QAM	132022	1RB#24	22.17	24.17	26.17	PASS
BAND 66	10MHz	16QAM	132022	1RB#49	22.25	24.25	26.25	PASS
BAND 66	10MHz	16QAM	132022	25RB#0	21.08	23.08	25.08	PASS
BAND 66	10MHz	16QAM	132022	25RB#12	21.05	23.05	25.05	PASS
BAND 66	10MHz	16QAM	132022	25RB#25	20.94	22.94	24.94	PASS
BAND 66	10MHz	16QAM	132022	50RB#0	21.07	23.07	25.07	PASS
BAND 66	10MHz	16QAM	132322	1RB#0	22.36	24.36	26.36	PASS

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BAND 66	10MHz	16QAM	132322	1RB#24	22.13	24.13	26.13	PASS
BAND 66	10MHz	16QAM	132322	1RB#49	22.26	24.26	26.26	PASS
BAND 66	10MHz	16QAM	132322	25RB#0	21.03	23.03	25.03	PASS
BAND 66	10MHz	16QAM	132322	25RB#12	20.97	22.97	24.97	PASS
BAND 66	10MHz	16QAM	132322	25RB#25	20.89	22.89	24.89	PASS
BAND 66	10MHz	16QAM	132322	50RB#0	21.03	23.03	25.03	PASS
BAND 66	10MHz	16QAM	132622	1RB#0	22.41	24.41	26.41	PASS
BAND 66	10MHz	16QAM	132622	1RB#24	22.22	24.22	26.22	PASS
BAND 66	10MHz	16QAM	132622	1RB#49	22.23	24.23	26.23	PASS
BAND 66	10MHz	16QAM	132622	25RB#0	21.02	23.02	25.02	PASS
BAND 66	10MHz	16QAM	132622	25RB#12	21.04	23.04	25.04	PASS
BAND 66	10MHz	16QAM	132622	25RB#25	20.97	22.97	24.97	PASS
BAND 66	10MHz	16QAM	132622	50RB#0	21.07	23.07	25.07	PASS
BAND 66	15MHz	QPSK	132047	1RB#0	23.08	25.08	27.08	PASS
BAND 66	15MHz	QPSK	132047	1RB#38	22.48	24.48	26.48	PASS
BAND 66	15MHz	QPSK	132047	1RB#74	22.80	24.80	26.8	PASS
BAND 66	15MHz	QPSK	132047	36RB#0	21.83	23.83	25.83	PASS
BAND 66	15MHz	QPSK	132047	36RB#18	21.53	23.53	25.53	PASS
BAND 66	15MHz	QPSK	132047	36RB#39	21.60	23.60	25.6	PASS
BAND 66	15MHz	QPSK	132047	75RB#0	21.65	23.65	25.65	PASS
BAND 66	15MHz	QPSK	132322	1RB#0	23.08	25.08	27.08	PASS
BAND 66	15MHz	QPSK	132322	1RB#38	22.47	24.47	26.47	PASS
BAND 66	15MHz	QPSK	132322	1RB#74	22.65	24.65	26.65	PASS
BAND 66	15MHz	QPSK	132322	36RB#0	21.74	23.74	25.74	PASS
BAND 66	15MHz	QPSK	132322	36RB#18	21.63	23.63	25.63	PASS
BAND 66	15MHz	QPSK	132322	36RB#39	21.55	23.55	25.55	PASS
BAND 66	15MHz	QPSK	132322	75RB#0	21.67	23.67	25.67	PASS
BAND 66	15MHz	QPSK	132597	1RB#0	23.10	25.10	27.1	PASS
BAND 66	15MHz	QPSK	132597	1RB#38	22.49	24.49	26.49	PASS
BAND 66	15MHz	QPSK	132597	1RB#74	22.71	24.71	26.71	PASS
BAND 66	15MHz	QPSK	132597	36RB#0	21.83	23.83	25.83	PASS
BAND 66	15MHz	QPSK	132597	36RB#18	21.62	23.62	25.62	PASS
BAND 66	15MHz	QPSK	132597	36RB#39	21.65	23.65	25.65	PASS
BAND 66	15MHz	QPSK	132597	75RB#0	21.74	23.74	25.74	PASS
BAND 66	15MHz	64QAM	132047	1RB#0	22.45	24.45	26.45	PASS
BAND 66	15MHz	64QAM	132047	1RB#38	21.80	23.80	25.8	PASS
BAND 66	15MHz	64QAM	132047	1RB#74	22.08	24.08	26.08	PASS
BAND 66	15MHz	64QAM	132047	36RB#0	20.94	22.94	24.94	PASS
BAND 66	15MHz	64QAM	132047	36RB#18	20.71	22.71	24.71	PASS
BAND 66	15MHz	64QAM	132047	36RB#39	20.71	22.71	24.71	PASS
BAND 66	15MHz	64QAM	132047	75RB#0	20.75	22.75	24.75	PASS

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BAND 66	15MHz	64QAM	132322	1RB#0	22.22	24.22	26.22	PASS
BAND 66	15MHz	64QAM	132322	1RB#38	21.74	23.74	25.74	PASS
BAND 66	15MHz	64QAM	132322	1RB#74	21.86	23.86	25.86	PASS
BAND 66	15MHz	64QAM	132322	36RB#0	20.83	22.83	24.83	PASS
BAND 66	15MHz	64QAM	132322	36RB#18	20.72	22.72	24.72	PASS
BAND 66	15MHz	64QAM	132322	36RB#39	20.69	22.69	24.69	PASS
BAND 66	15MHz	64QAM	132322	75RB#0	20.79	22.79	24.79	PASS
BAND 66	15MHz	64QAM	132597	1RB#0	22.41	24.41	26.41	PASS
BAND 66	15MHz	64QAM	132597	1RB#38	21.53	23.53	25.53	PASS
BAND 66	15MHz	64QAM	132597	1RB#74	21.84	23.84	25.84	PASS
BAND 66	15MHz	64QAM	132597	36RB#0	20.92	22.92	24.92	PASS
BAND 66	15MHz	64QAM	132597	36RB#18	20.64	22.64	24.64	PASS
BAND 66	15MHz	64QAM	132597	36RB#39	20.64	22.64	24.64	PASS
BAND 66	15MHz	64QAM	132597	75RB#0	20.76	22.76	24.76	PASS
BAND 66	15MHz	16QAM	132047	1RB#0	22.31	24.31	26.31	PASS
BAND 66	15MHz	16QAM	132047	1RB#38	21.85	23.85	25.85	PASS
BAND 66	15MHz	16QAM	132047	1RB#74	22.01	24.01	26.01	PASS
BAND 66	15MHz	16QAM	132047	36RB#0	20.75	22.75	24.75	PASS
BAND 66	15MHz	16QAM	132047	36RB#18	20.50	22.50	24.5	PASS
BAND 66	15MHz	16QAM	132047	36RB#39	20.50	22.50	24.5	PASS
BAND 66	15MHz	16QAM	132047	75RB#0	20.59	22.59	24.59	PASS
BAND 66	15MHz	16QAM	132322	1RB#0	22.42	24.42	26.42	PASS
BAND 66	15MHz	16QAM	132322	1RB#38	21.92	23.92	25.92	PASS
BAND 66	15MHz	16QAM	132322	1RB#74	21.99	23.99	25.99	PASS
BAND 66	15MHz	16QAM	132322	36RB#0	20.68	22.68	24.68	PASS
BAND 66	15MHz	16QAM	132322	36RB#18	20.52	22.52	24.52	PASS
BAND 66	15MHz	16QAM	132322	36RB#39	20.48	22.48	24.48	PASS
BAND 66	15MHz	16QAM	132322	75RB#0	20.64	22.64	24.64	PASS
BAND 66	15MHz	16QAM	132597	1RB#0	22.44	24.44	26.44	PASS
BAND 66	15MHz	16QAM	132597	1RB#38	21.87	23.87	25.87	PASS
BAND 66	15MHz	16QAM	132597	1RB#74	21.94	23.94	25.94	PASS
BAND 66	15MHz	16QAM	132597	36RB#0	20.78	22.78	24.78	PASS
BAND 66	15MHz	16QAM	132597	36RB#18	20.54	22.54	24.54	PASS
BAND 66	15MHz	16QAM	132597	36RB#39	20.56	22.56	24.56	PASS
BAND 66	15MHz	16QAM	132597	75RB#0	20.63	22.63	24.63	PASS
BAND 66	20MHz	QPSK	132072	1RB#0	23.42	25.30	27.3	PASS
BAND 66	20MHz	QPSK	132072	1RB#49	22.38	25.32	27.32	PASS
BAND 66	20MHz	QPSK	132072	1RB#99	22.77	25.21	27.21	PASS
BAND 66	20MHz	QPSK	132072	50RB#0	21.83	25.19	27.19	PASS
BAND 66	20MHz	QPSK	132072	50RB#25	21.47	25.27	27.27	PASS
BAND 66	20MHz	QPSK	132072	50RB#50	21.62	25.26	27.26	PASS

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BAND 66	20MHz	QPSK	132072	100RB#0	21.65	24.13	26.13	PASS
BAND 66	20MHz	QPSK	132322	1RB#0	23.31	25.15	27.15	PASS
BAND 66	20MHz	QPSK	132322	1RB#49	22.45	25.14	27.14	PASS
BAND 66	20MHz	QPSK	132322	1RB#99	22.74	25.09	27.09	PASS
BAND 66	20MHz	QPSK	132322	50RB#0	21.72	25.16	27.16	PASS
BAND 66	20MHz	QPSK	132322	50RB#25	21.51	25.13	27.13	PASS
BAND 66	20MHz	QPSK	132322	50RB#50	21.44	25.12	27.12	PASS
BAND 66	20MHz	QPSK	132322	100RB#0	21.60	24.06	26.06	PASS
BAND 66	20MHz	QPSK	132572	1RB#0	23.38	25.01	27.01	PASS
BAND 66	20MHz	QPSK	132572	1RB#49	22.50	25.09	27.09	PASS
BAND 66	20MHz	QPSK	132572	1RB#99	22.87	24.96	26.96	PASS
BAND 66	20MHz	QPSK	132572	50RB#0	21.89	25.08	27.08	PASS
BAND 66	20MHz	QPSK	132572	50RB#25	21.68	25.09	27.09	PASS
BAND 66	20MHz	QPSK	132572	50RB#50	21.62	25.11	27.11	PASS
BAND 66	20MHz	QPSK	132572	100RB#0	21.80	24.10	26.1	PASS
BAND 66	20MHz	64QAM	132072	1RB#0	22.57	24.17	26.17	PASS
BAND 66	20MHz	64QAM	132072	1RB#49	21.67	24.29	26.29	PASS
BAND 66	20MHz	64QAM	132072	1RB#99	22.02	24.12	26.12	PASS
BAND 66	20MHz	64QAM	132072	50RB#0	20.92	24.04	26.04	PASS
BAND 66	20MHz	64QAM	132072	50RB#25	20.67	24.08	26.08	PASS
BAND 66	20MHz	64QAM	132072	50RB#50	20.73	24.12	26.12	PASS
BAND 66	20MHz	64QAM	132072	100RB#0	20.83	22.99	24.99	PASS
BAND 66	20MHz	64QAM	132322	1RB#0	22.45	24.06	26.06	PASS
BAND 66	20MHz	64QAM	132322	1RB#49	21.50	24.13	26.13	PASS
BAND 66	20MHz	64QAM	132322	1RB#99	21.88	24.05	26.05	PASS
BAND 66	20MHz	64QAM	132322	50RB#0	20.80	24.18	26.18	PASS
BAND 66	20MHz	64QAM	132322	50RB#25	20.57	24.14	26.14	PASS
BAND 66	20MHz	64QAM	132322	50RB#50	20.54	24.04	26.04	PASS
BAND 66	20MHz	64QAM	132322	100RB#0	20.80	23.03	25.03	PASS
BAND 66	20MHz	64QAM	132572	1RB#0	22.57	24.08	26.08	PASS
BAND 66	20MHz	64QAM	132572	1RB#49	21.78	24.04	26.04	PASS
BAND 66	20MHz	64QAM	132572	1RB#99	22.04	24.02	26.02	PASS
BAND 66	20MHz	64QAM	132572	50RB#0	21.03	24.06	26.06	PASS
BAND 66	20MHz	64QAM	132572	50RB#25	20.75	24.11	26.11	PASS
BAND 66	20MHz	64QAM	132572	50RB#50	20.69	23.99	25.99	PASS
BAND 66	20MHz	64QAM	132572	100RB#0	20.92	23.00	25	PASS
BAND 66	20MHz	16QAM	132072	1RB#0	22.64	24.50	26.5	PASS
BAND 66	20MHz	16QAM	132072	1RB#49	21.60	24.42	26.42	PASS
BAND 66	20MHz	16QAM	132072	1RB#99	22.03	24.43	26.43	PASS
BAND 66	20MHz	16QAM	132072	50RB#0	20.83	24.39	26.39	PASS
BAND 66	20MHz	16QAM	132072	50RB#25	20.48	24.48	26.48	PASS

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BAND 66	20MHz	16QAM	132072	50RB#50	20.48	24.35	26.35	PASS
BAND 66	20MHz	16QAM	132072	100RB#0	20.56	23.13	25.13	PASS
BAND 66	20MHz	16QAM	132322	1RB#0	22.54	24.44	26.44	PASS
BAND 66	20MHz	16QAM	132322	1RB#49	21.66	24.44	26.44	PASS
BAND 66	20MHz	16QAM	132322	1RB#99	21.99	24.31	26.31	PASS
BAND 66	20MHz	16QAM	132322	50RB#0	20.73	24.27	26.27	PASS
BAND 66	20MHz	16QAM	132322	50RB#25	20.45	24.30	26.3	PASS
BAND 66	20MHz	16QAM	132322	50RB#50	20.38	24.17	26.17	PASS
BAND 66	20MHz	16QAM	132322	100RB#0	20.61	23.14	25.14	PASS
BAND 66	20MHz	16QAM	132572	1RB#0	22.69	24.35	26.35	PASS
BAND 66	20MHz	16QAM	132572	1RB#49	21.75	24.35	26.35	PASS
BAND 66	20MHz	16QAM	132572	1RB#99	22.16	24.20	26.2	PASS
BAND 66	20MHz	16QAM	132572	50RB#0	20.93	24.24	26.24	PASS
BAND 66	20MHz	16QAM	132572	50RB#25	20.62	24.30	26.3	PASS
BAND 66	20MHz	16QAM	132572	50RB#50	20.57	24.22	26.22	PASS
BAND 66	20MHz	16QAM	132572	100RB#0	20.81	23.19	25.19	PASS

Note:

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

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

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

b: SGP=Signal Generator Level

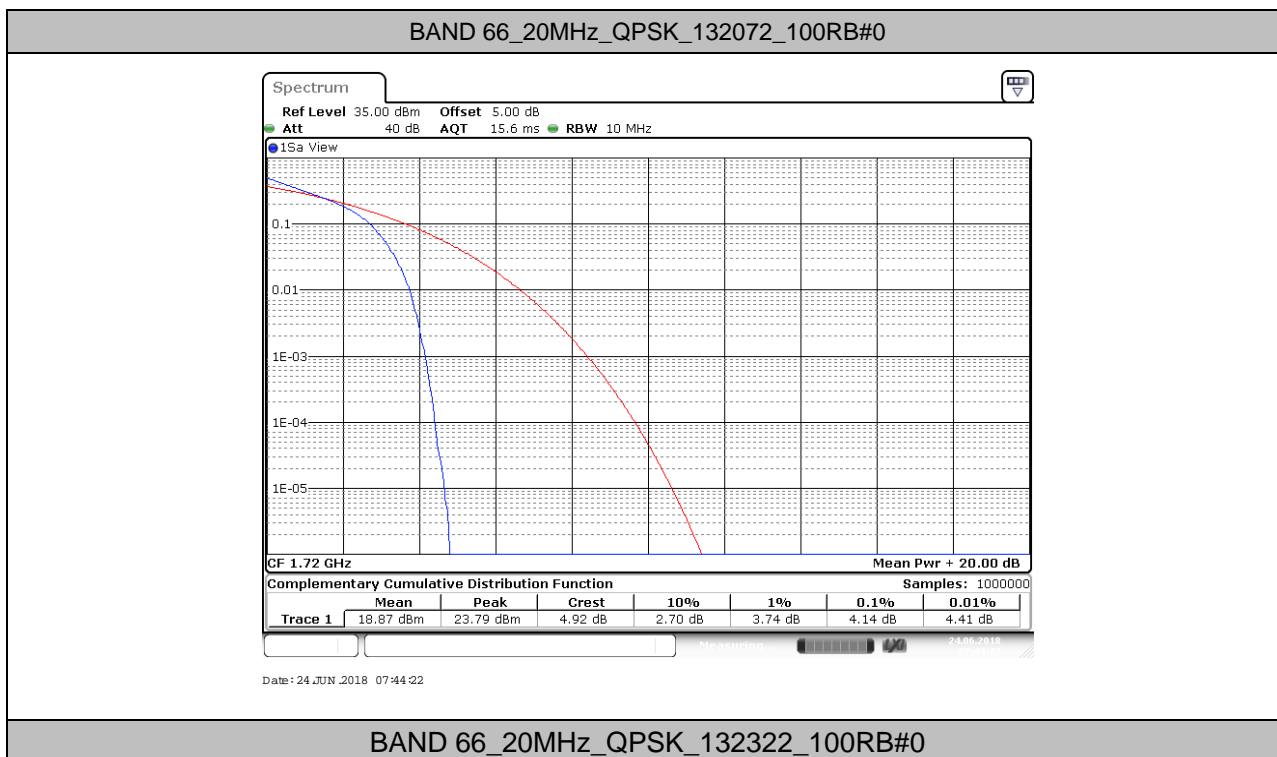


2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
BAND 66	20MHz	QPSK	132072	100RB#0	4.14	13	PASS
BAND 66	20MHz	QPSK	132322	100RB#0	4.17	13	PASS
BAND 66	20MHz	QPSK	132572	100RB#0	4.06	13	PASS
BAND 66	20MHz	64QAM	132072	100RB#0	5.86	13	PASS
BAND 66	20MHz	64QAM	132322	100RB#0	5.88	13	PASS
BAND 66	20MHz	64QAM	132572	100RB#0	5.77	13	PASS
BAND 66	20MHz	16QAM	132072	100RB#0	5.83	13	PASS
BAND 66	20MHz	16QAM	132322	100RB#0	5.88	13	PASS
BAND 66	20MHz	16QAM	132572	100RB#0	5.77	13	PASS

2.2. Test Plots

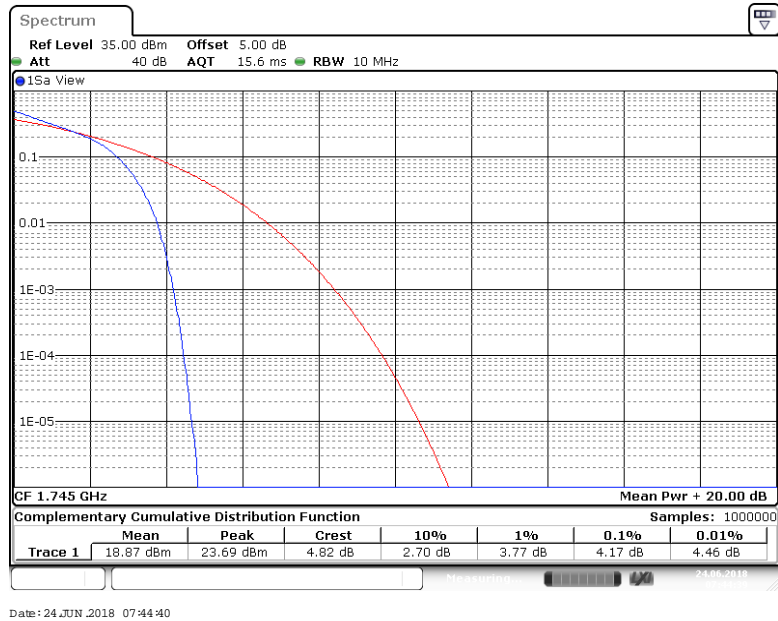




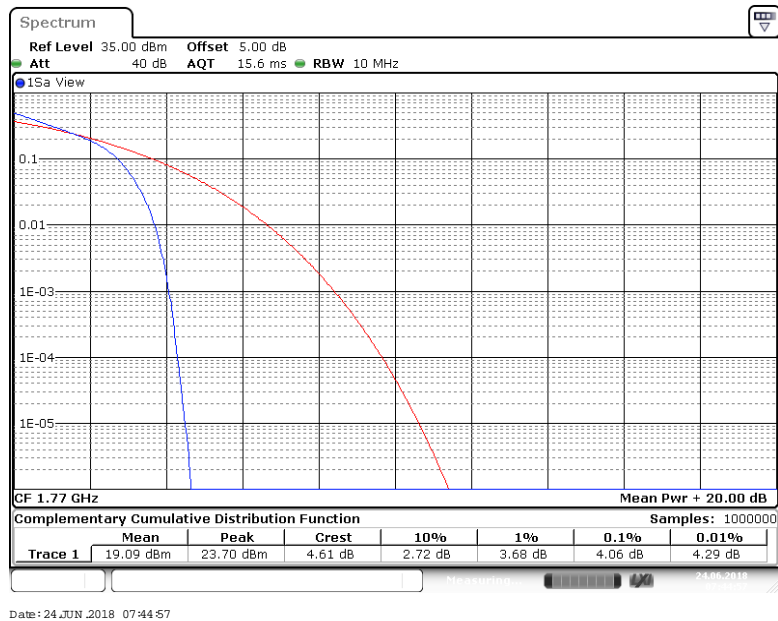
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BAND 66_20MHz_QPSK_132572_100RB#0



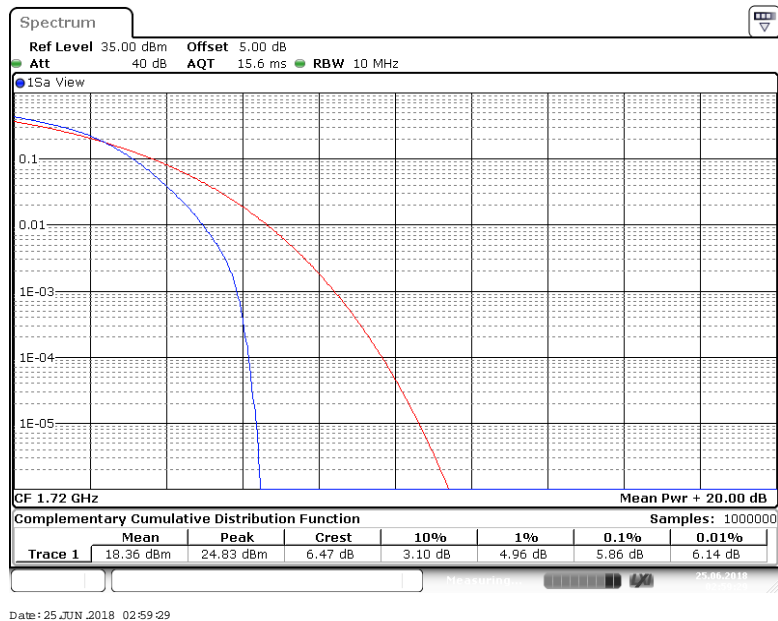
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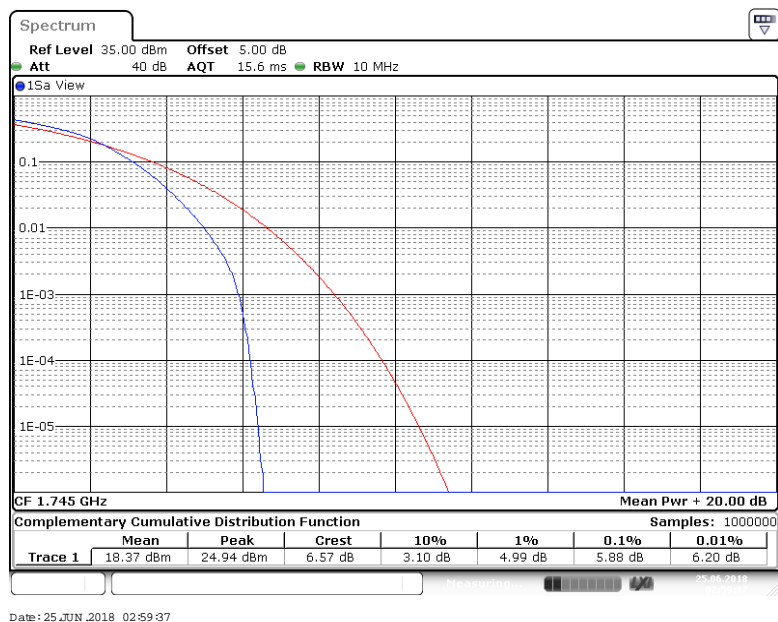
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BAND 66_20MHz_64QAM_132322_100RB#0



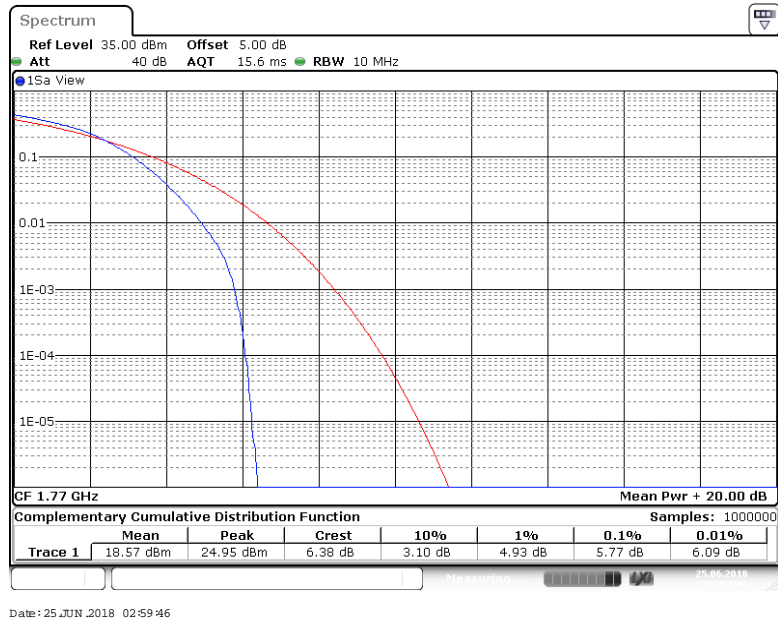
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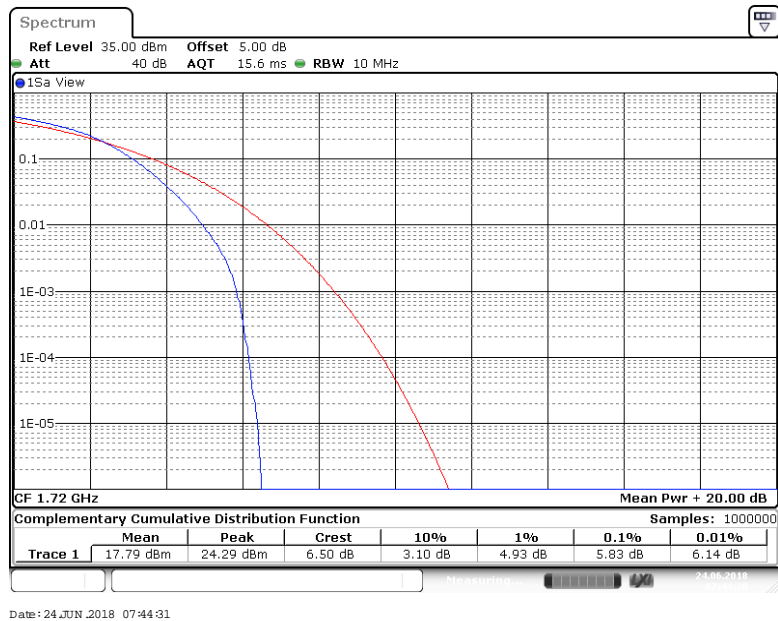
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BAND 66_20MHz_16QAM_132072_100RB#0



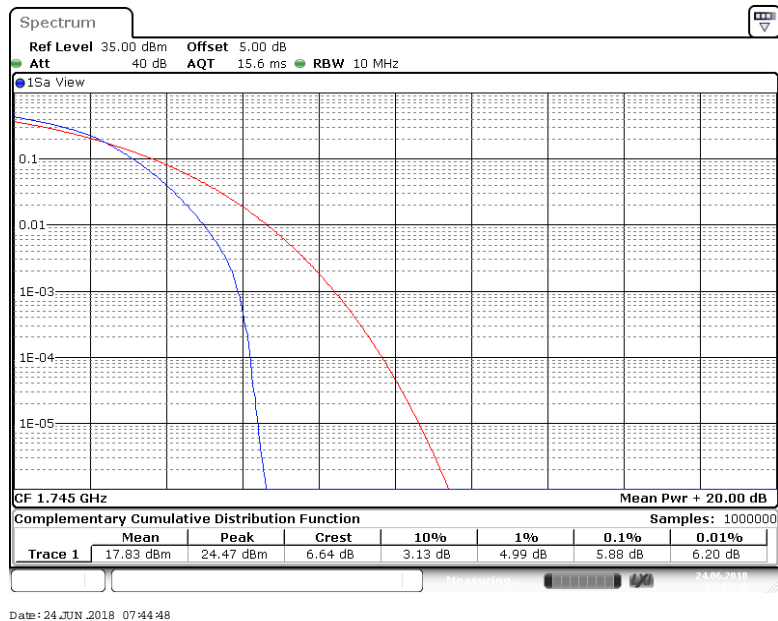
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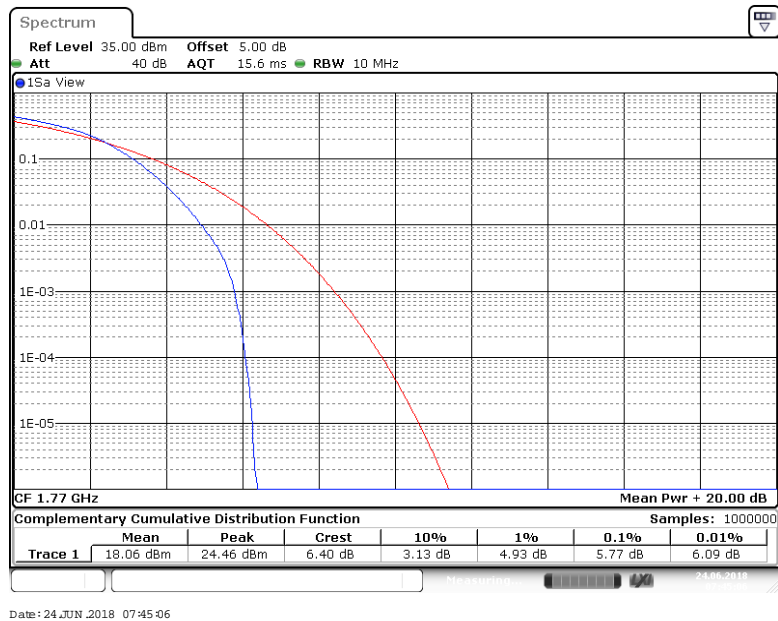
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BAND 66_20MHz_16QAM_132572_100RB#0



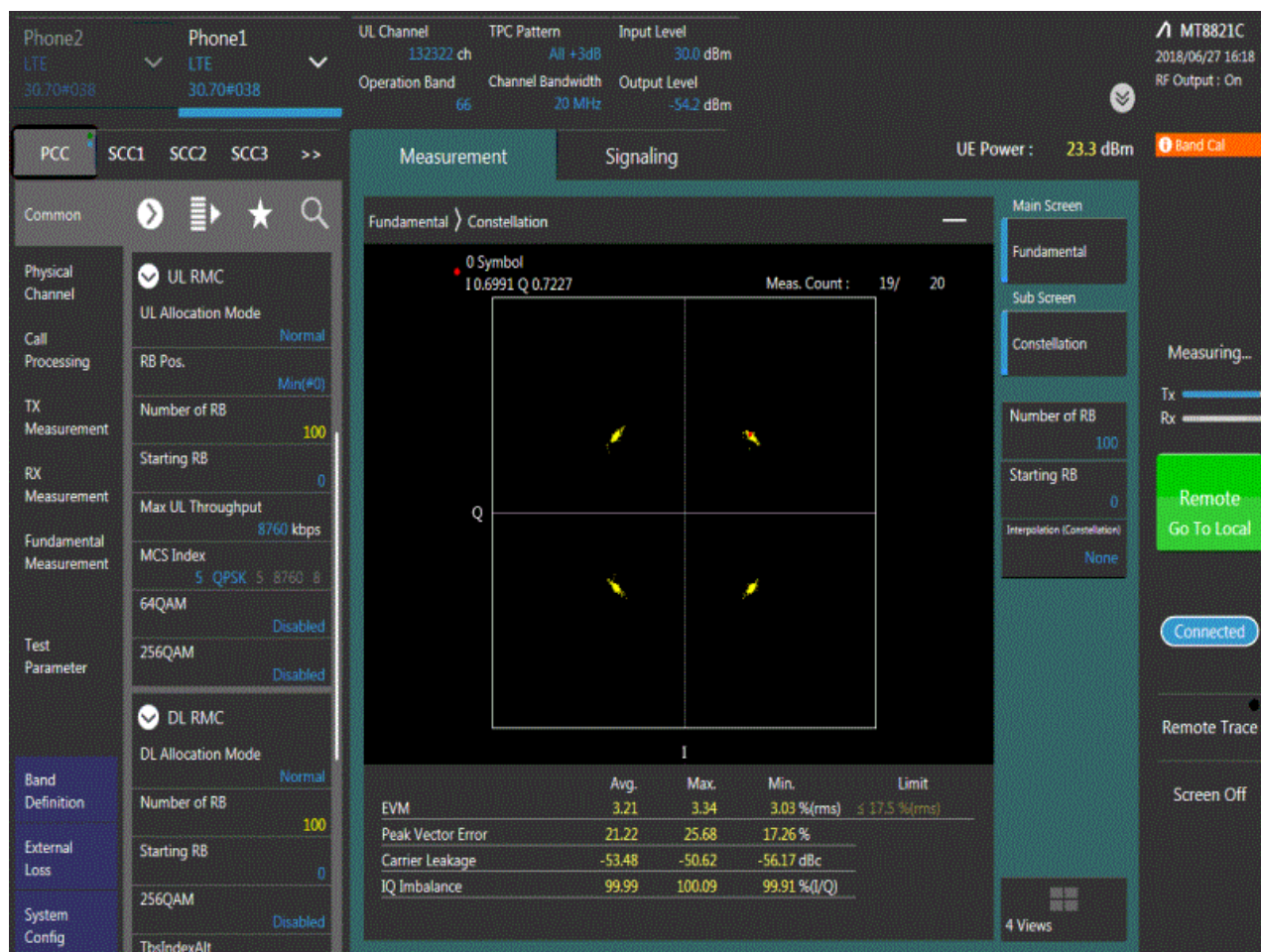


3. Modulation Characteristics

3.1. Test BAND = LTE BAND 66

3.1.1. Test Mode = LTE /TM1 20MHz

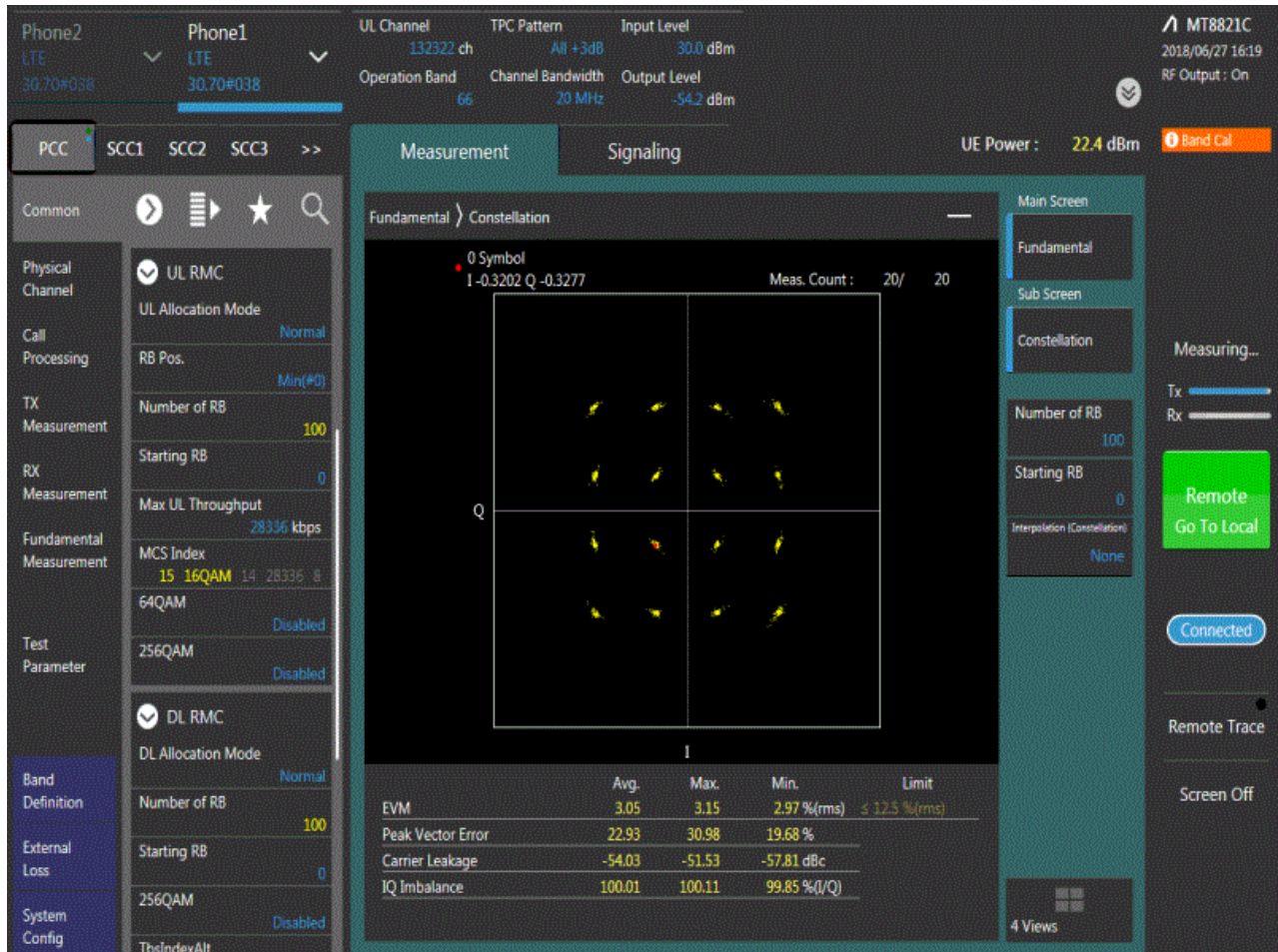
3.1.1.1. Test Channel = MCH





3.1.2. Test Mode = LTE /TM2 20MHz

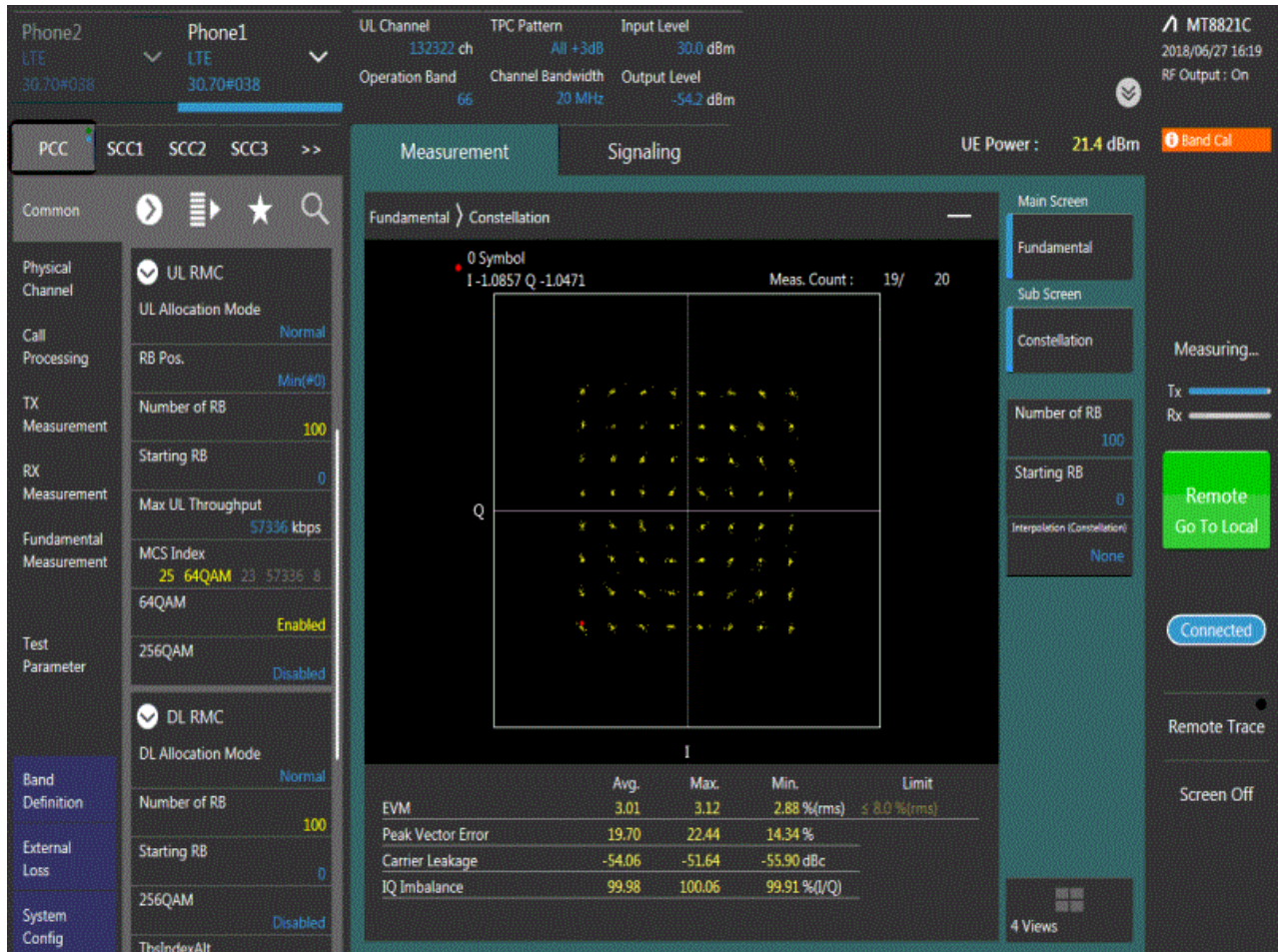
3.1.2.1. Test Channel = MCH





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
BAND 66	1.4MHz	QPSK	131979	6RB#0	1.091	1.233	PASS
BAND 66	1.4MHz	QPSK	132322	6RB#0	1.091	1.239	PASS
BAND 66	1.4MHz	QPSK	132665	6RB#0	1.085	1.239	PASS
BAND 66	1.4MHz	64QAM	131979	6RB#0	1.088	1.191	PASS
BAND 66	1.4MHz	64QAM	132322	6RB#0	1.088	1.191	PASS
BAND 66	1.4MHz	64QAM	132665	6RB#0	1.085	1.239	PASS
BAND 66	1.4MHz	16QAM	131979	6RB#0	1.088	1.230	PASS
BAND 66	1.4MHz	16QAM	132322	6RB#0	1.091	1.239	PASS
BAND 66	1.4MHz	16QAM	132665	6RB#0	1.085	1.236	PASS
BAND 66	3MHz	QPSK	131987	15RB#0	2.697	3.024	PASS
BAND 66	3MHz	QPSK	132322	15RB#0	2.697	3.006	PASS
BAND 66	3MHz	QPSK	132657	15RB#0	2.697	3.024	PASS
BAND 66	3MHz	64QAM	131987	15RB#0	2.691	2.988	PASS
BAND 66	3MHz	64QAM	132322	15RB#0	2.691	2.994	PASS
BAND 66	3MHz	64QAM	132657	15RB#0	2.691	2.982	PASS
BAND 66	3MHz	16QAM	131987	15RB#0	2.685	2.988	PASS
BAND 66	3MHz	16QAM	132322	15RB#0	2.685	2.982	PASS
BAND 66	3MHz	16QAM	132657	15RB#0	2.685	2.994	PASS
BAND 66	5MHz	QPSK	131997	25RB#0	4.466	4.880	PASS
BAND 66	5MHz	QPSK	132322	25RB#0	4.476	4.900	PASS
BAND 66	5MHz	QPSK	132647	25RB#0	4.476	4.890	PASS
BAND 66	5MHz	64QAM	131997	25RB#0	4.476	4.890	PASS
BAND 66	5MHz	64QAM	132322	25RB#0	4.476	4.890	PASS
BAND 66	5MHz	64QAM	132647	25RB#0	4.466	4.900	PASS
BAND 66	5MHz	16QAM	131997	25RB#0	4.486	4.910	PASS
BAND 66	5MHz	16QAM	132322	25RB#0	4.486	4.930	PASS
BAND 66	5MHz	16QAM	132647	25RB#0	4.496	4.930	PASS
BAND 66	10MHz	QPSK	132022	50RB#0	8.931	9.700	PASS
BAND 66	10MHz	QPSK	132322	50RB#0	8.911	9.660	PASS
BAND 66	10MHz	QPSK	132622	50RB#0	8.911	9.700	PASS
BAND 66	10MHz	64QAM	132022	50RB#0	8.911	9.720	PASS
BAND 66	10MHz	64QAM	132322	50RB#0	8.931	9.720	PASS
BAND 66	10MHz	64QAM	132622	50RB#0	8.931	9.640	PASS



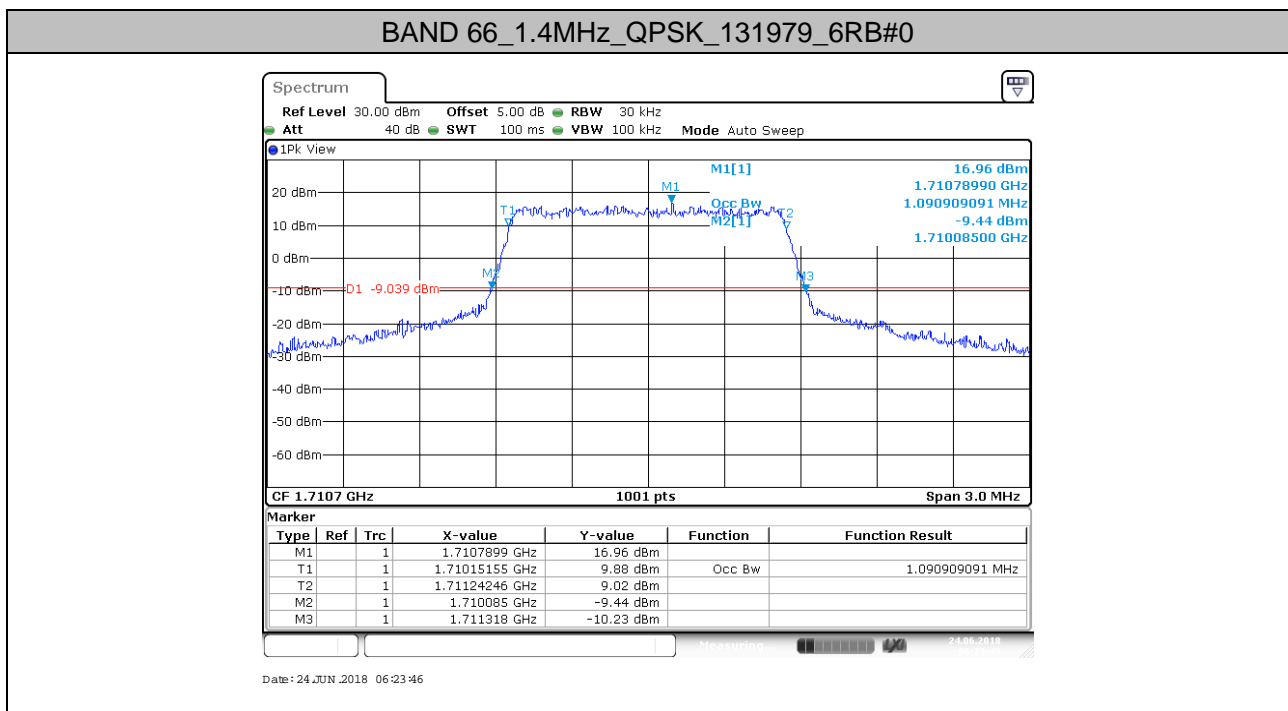
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BAND 66	10MHz	16QAM	132022	50RB#0	8.911	9.700	PASS
BAND 66	10MHz	16QAM	132322	50RB#0	8.931	9.700	PASS
BAND 66	10MHz	16QAM	132622	50RB#0	8.931	9.720	PASS
BAND 66	15MHz	QPSK	132047	75RB#0	13.487	14.670	PASS
BAND 66	15MHz	QPSK	132322	75RB#0	13.457	14.670	PASS
BAND 66	15MHz	QPSK	132597	75RB#0	13.457	14.760	PASS
BAND 66	15MHz	64QAM	132047	75RB#0	13.457	14.700	PASS
BAND 66	15MHz	64QAM	132322	75RB#0	13.457	14.760	PASS
BAND 66	15MHz	64QAM	132597	75RB#0	13.457	14.760	PASS
BAND 66	15MHz	16QAM	132047	75RB#0	13.487	14.700	PASS
BAND 66	15MHz	16QAM	132322	75RB#0	13.457	14.670	PASS
BAND 66	15MHz	16QAM	132597	75RB#0	13.457	14.790	PASS
BAND 66	20MHz	QPSK	132072	100RB#0	17.902	19.440	PASS
BAND 66	20MHz	QPSK	132322	100RB#0	17.862	19.480	PASS
BAND 66	20MHz	QPSK	132572	100RB#0	17.862	19.480	PASS
BAND 66	20MHz	64QAM	132072	100RB#0	17.862	19.400	PASS
BAND 66	20MHz	64QAM	132322	100RB#0	17.862	19.360	PASS
BAND 66	20MHz	64QAM	132572	100RB#0	17.862	19.480	PASS
BAND 66	20MHz	16QAM	132072	100RB#0	17.902	19.440	PASS
BAND 66	20MHz	16QAM	132322	100RB#0	17.902	19.480	PASS
BAND 66	20MHz	16QAM	132572	100RB#0	17.902	19.440	PASS

4.2. Test Plots



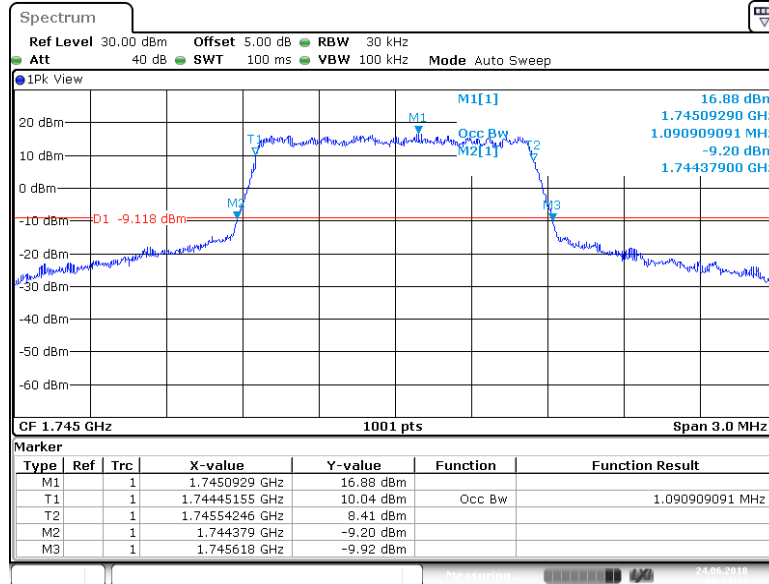


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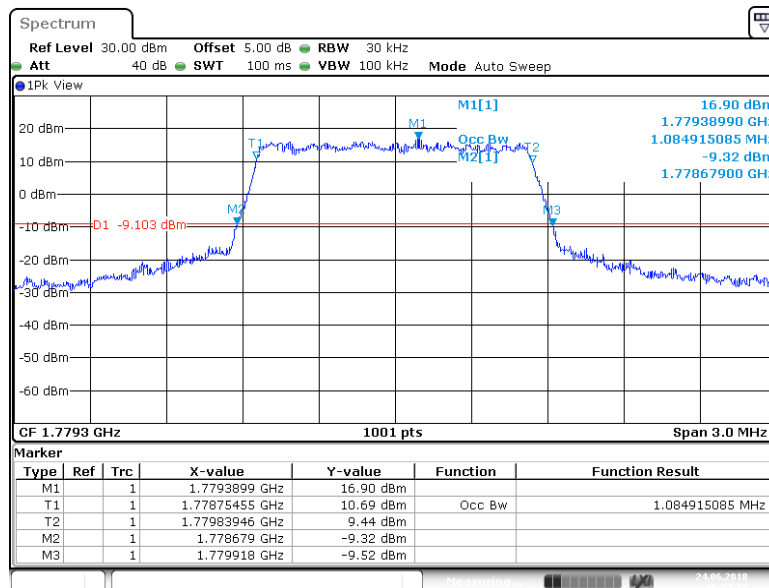
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BAND 66_1.4MHz_QPSK_132322_6RB#0



Date: 24 JUN 2018 06:24:12

BAND 66_1.4MHz_QPSK_132665_6RB#0



Date: 24 JUN 2018 06:24:38

BAND 66_1.4MHz_64QAM_131979_6RB#0



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BAND 66_1.4MHz_64QAM_132322_6RB#0



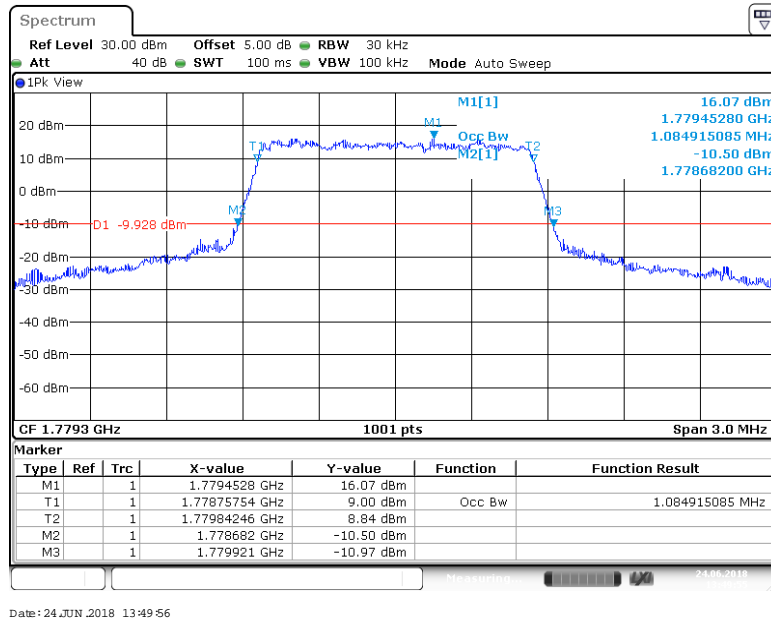
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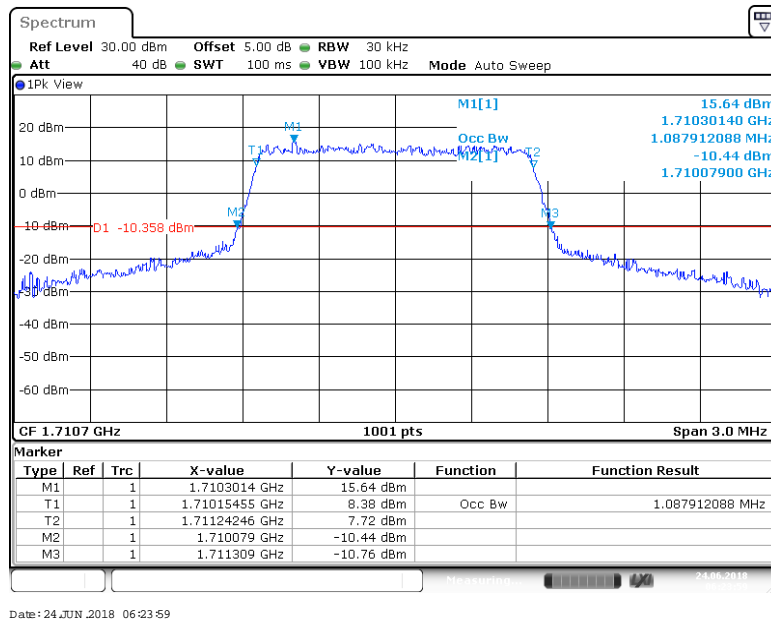
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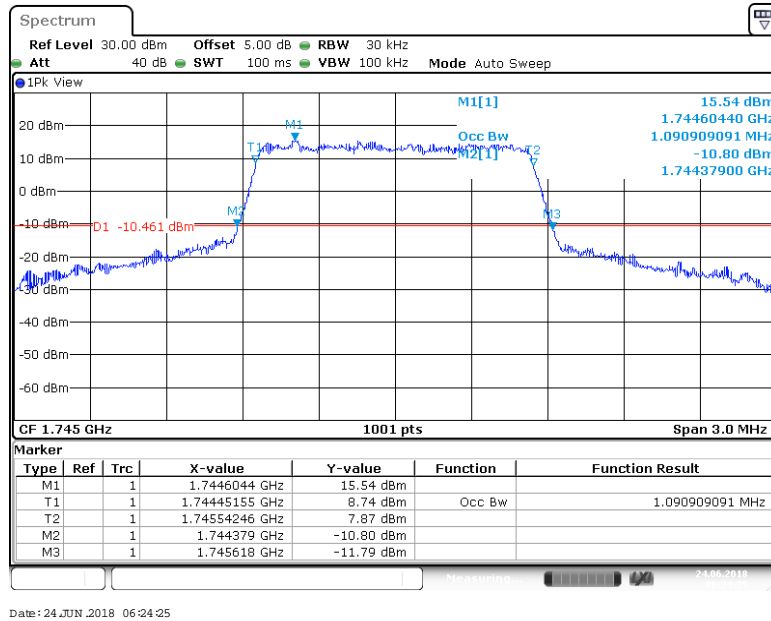
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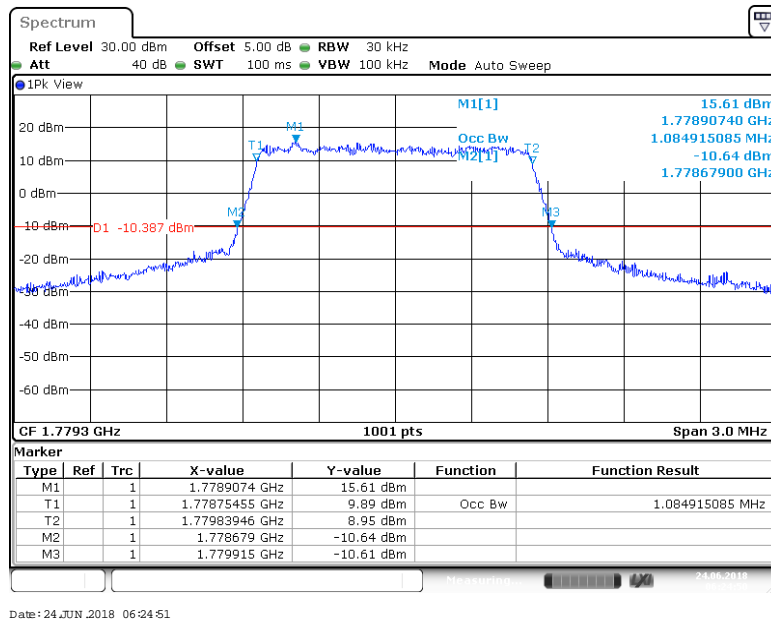
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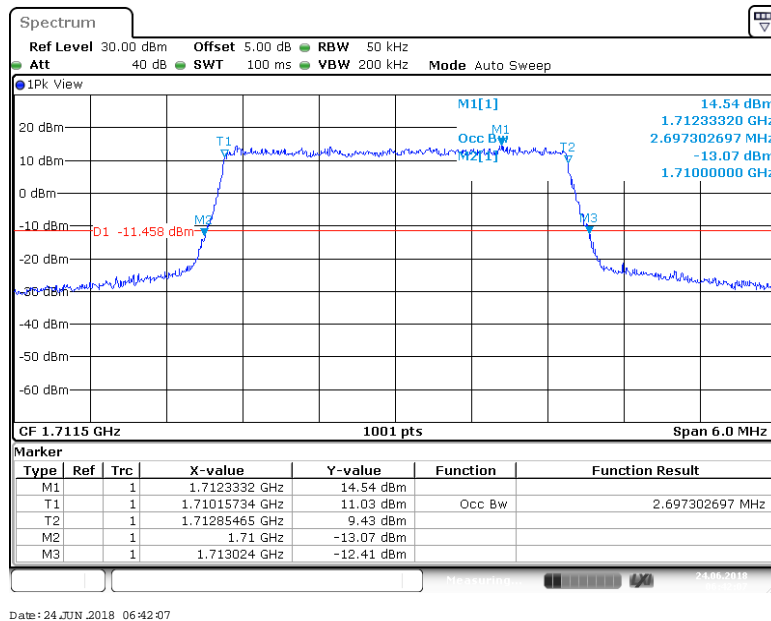
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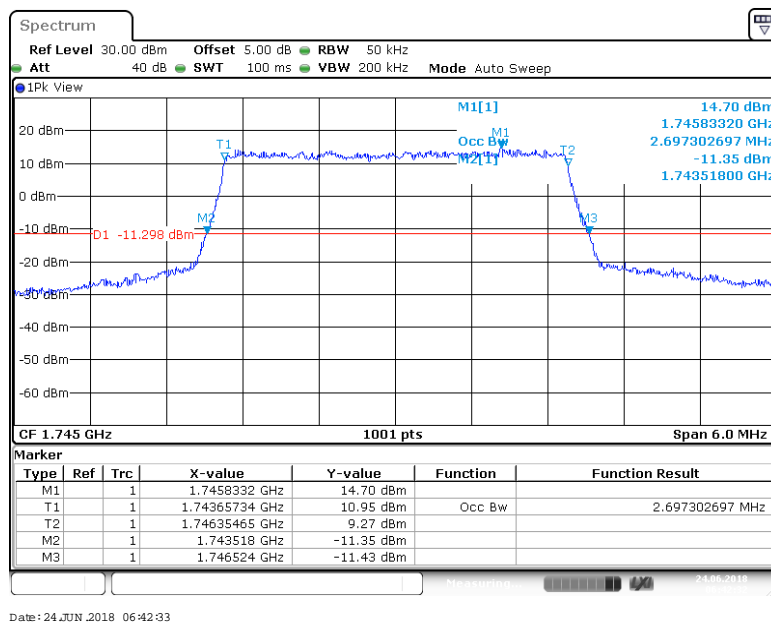
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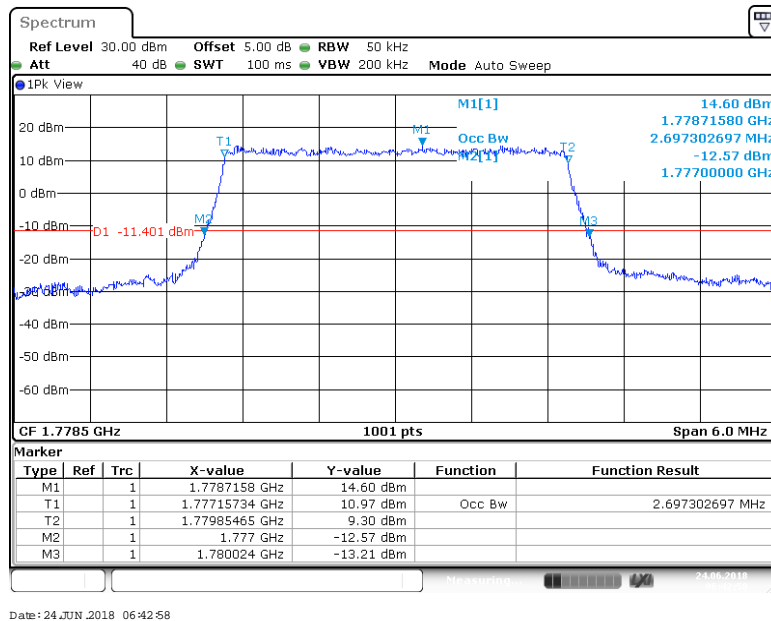
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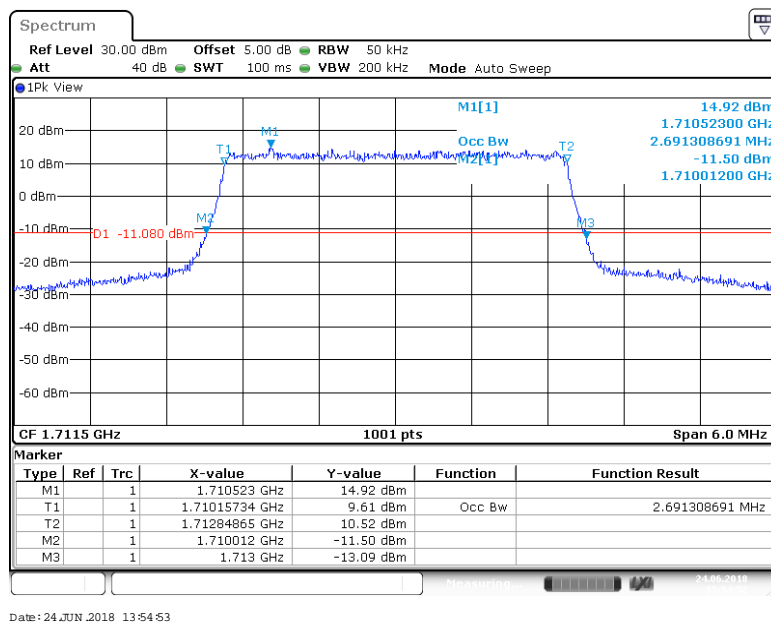
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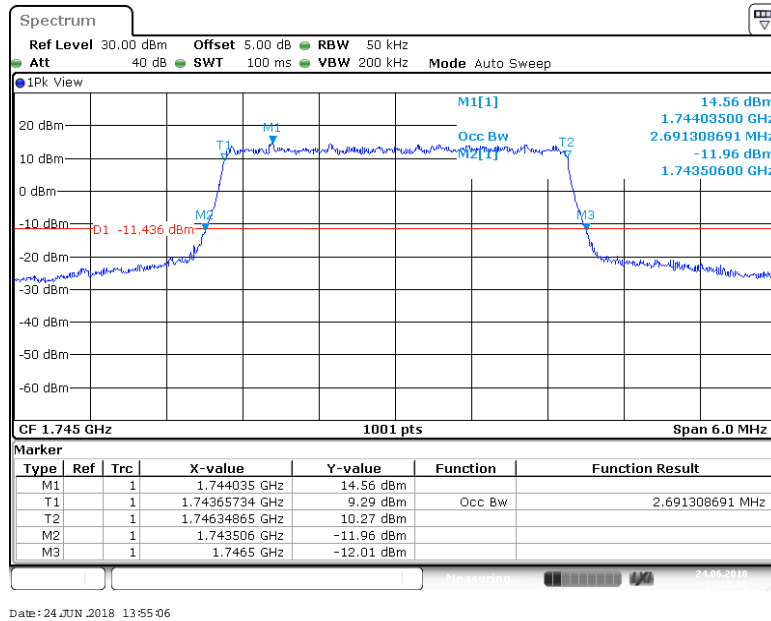
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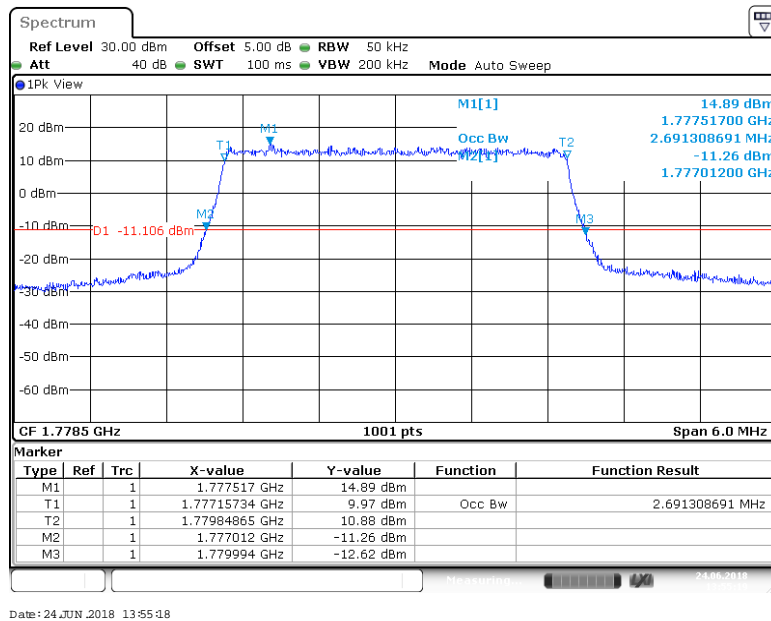
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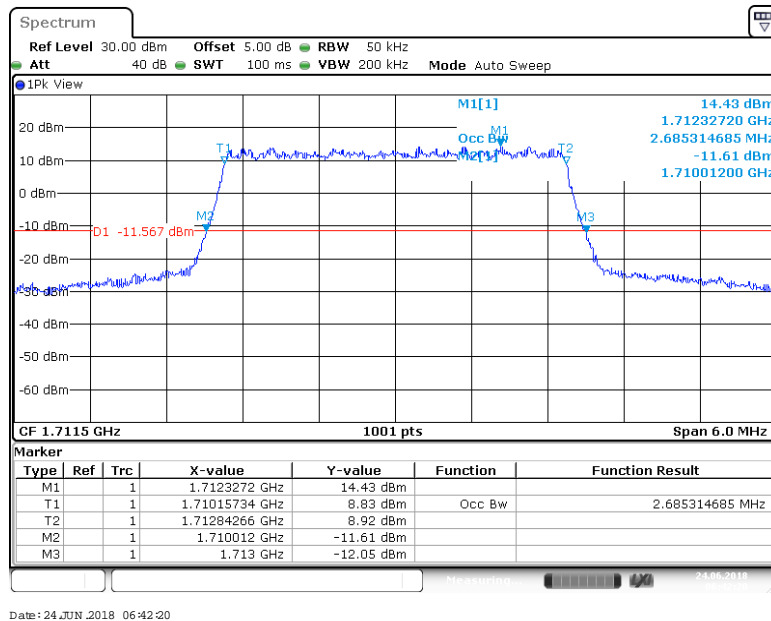
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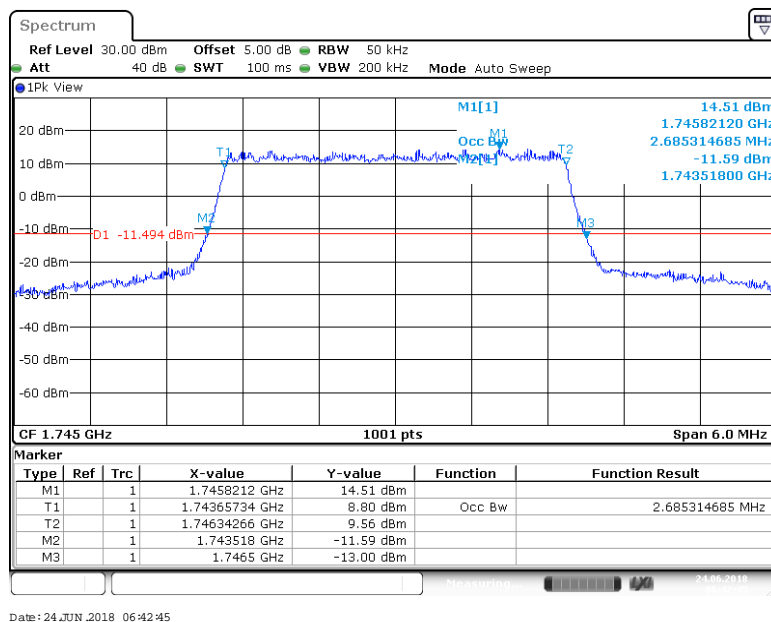
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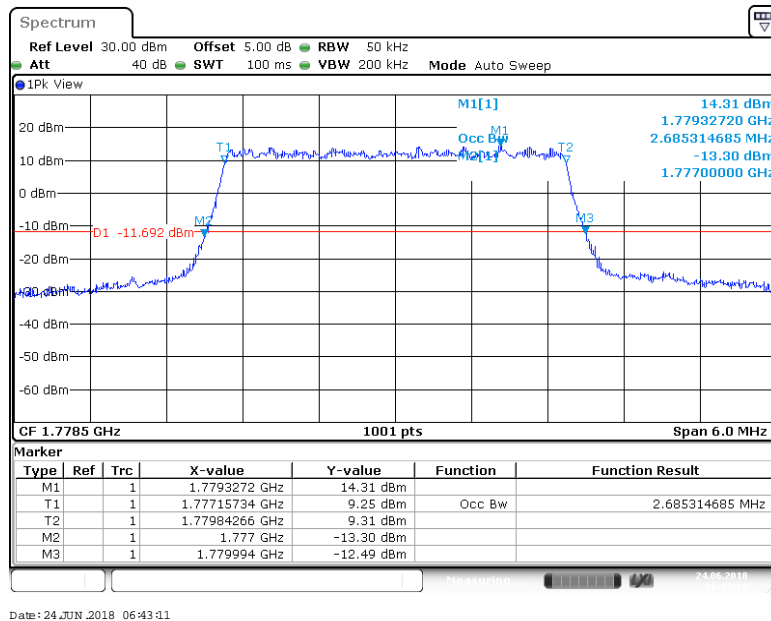
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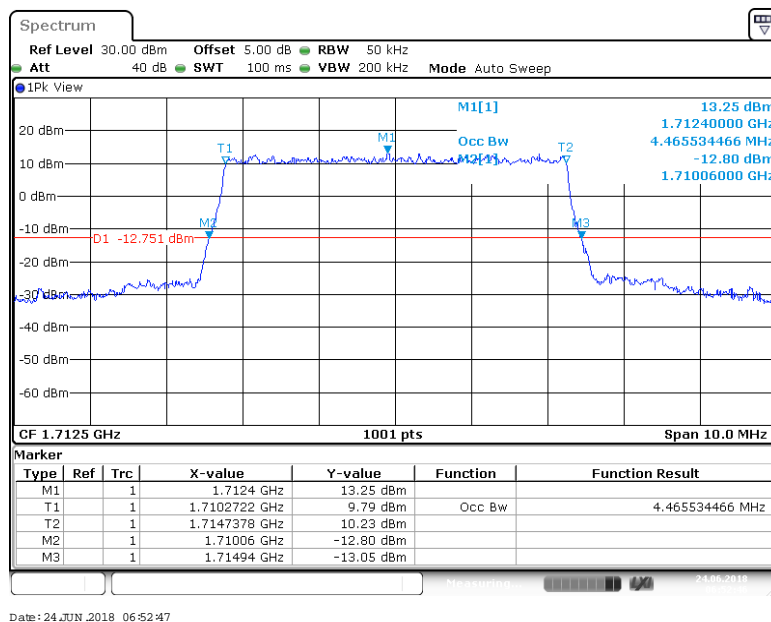
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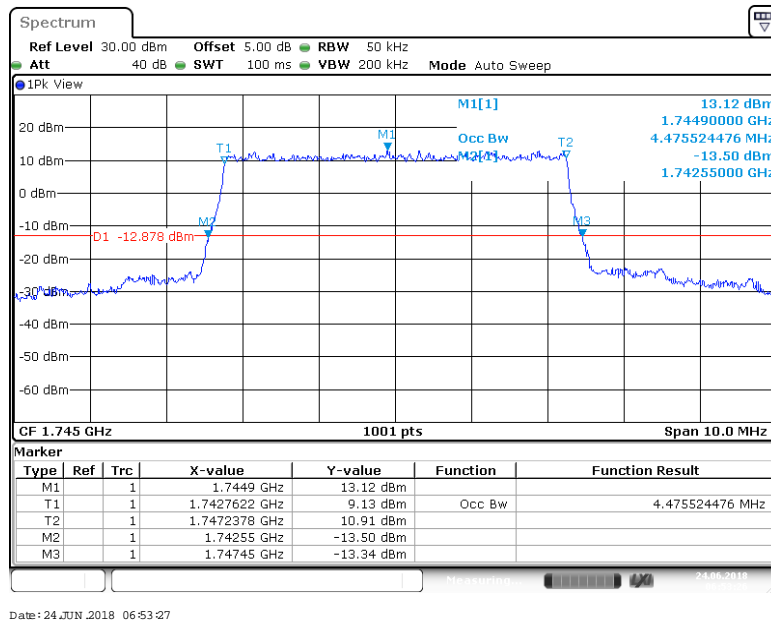
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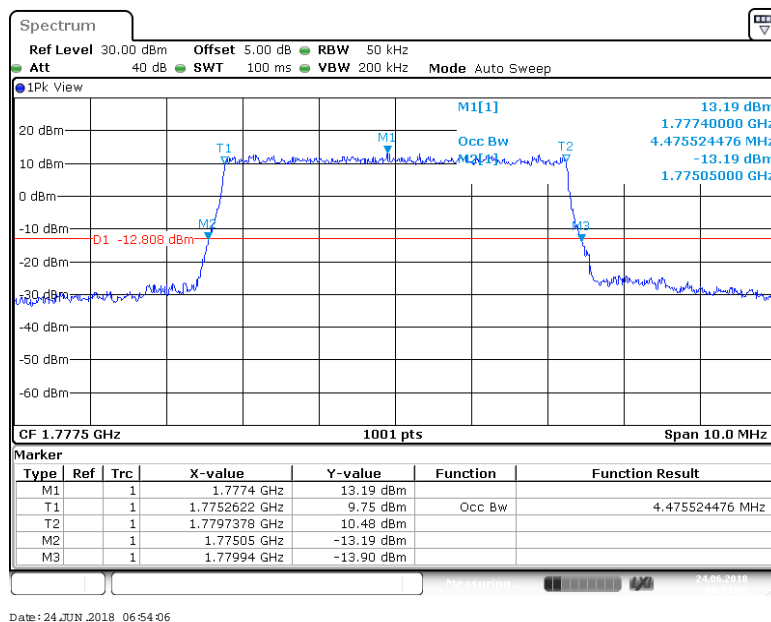
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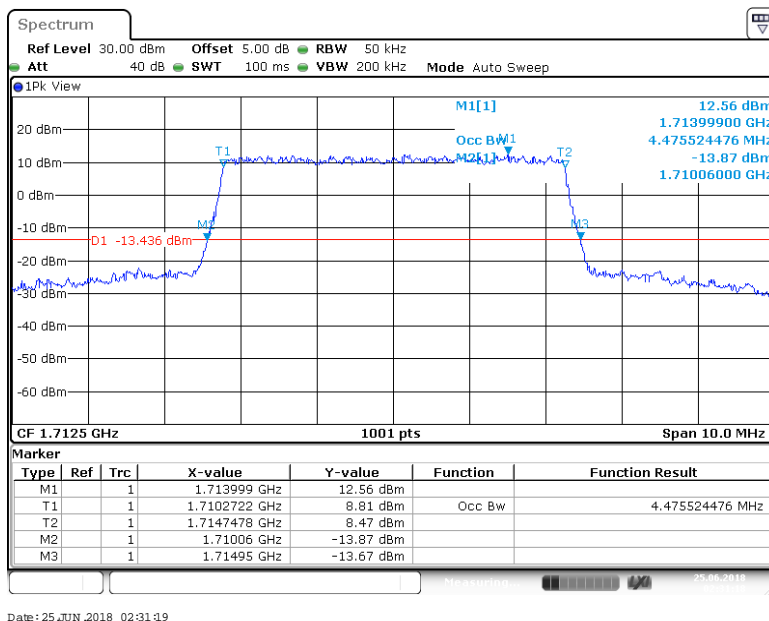
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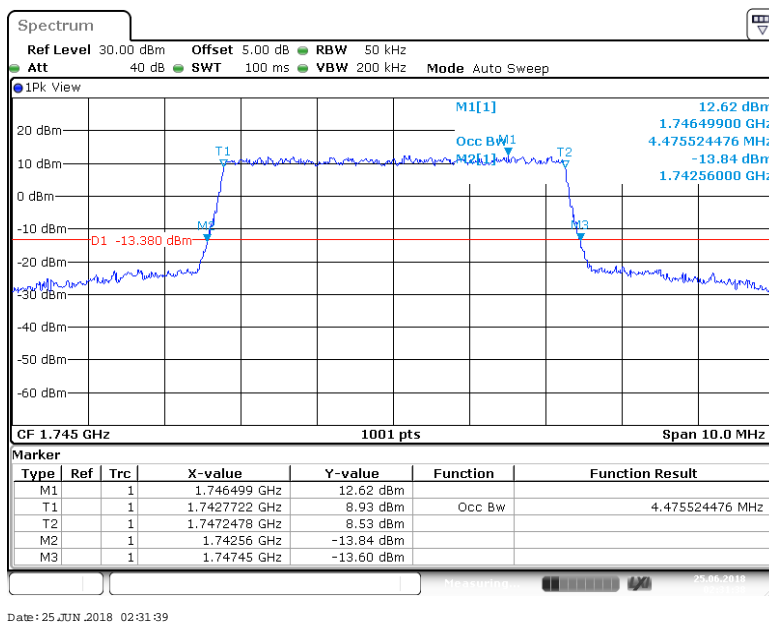
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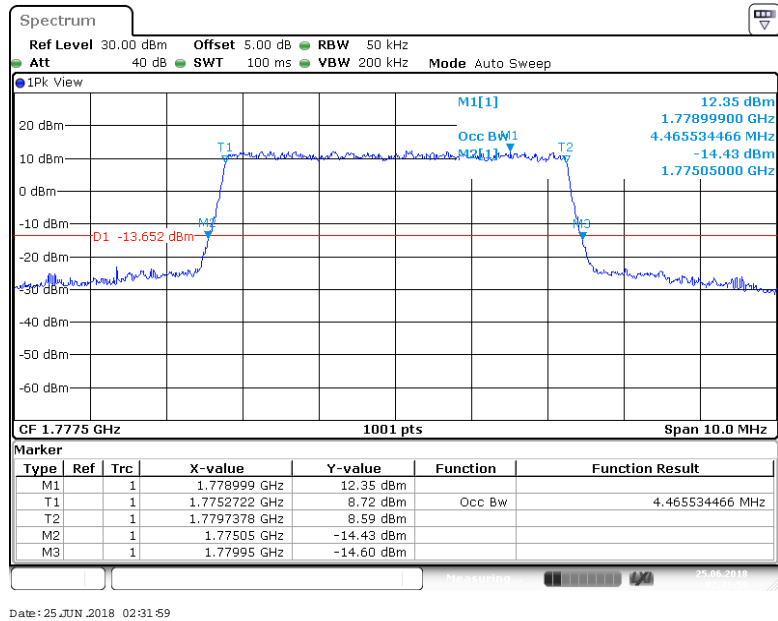
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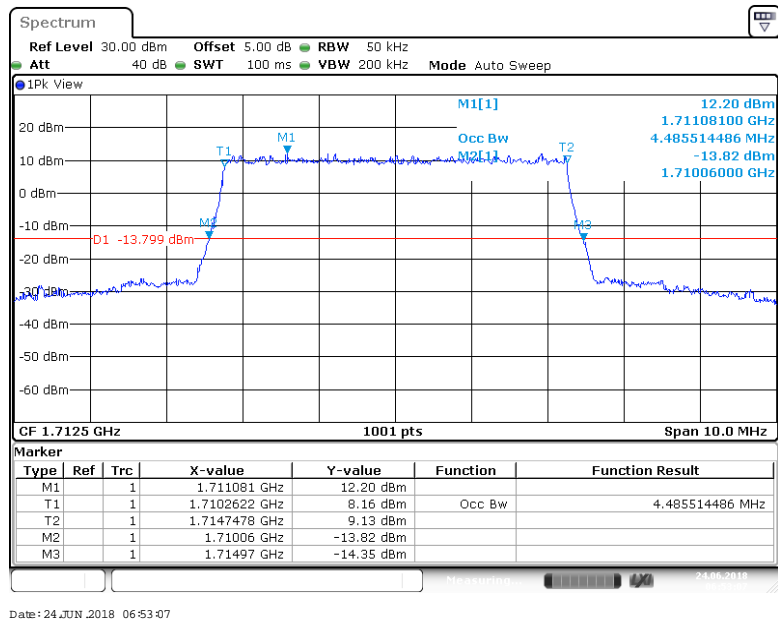
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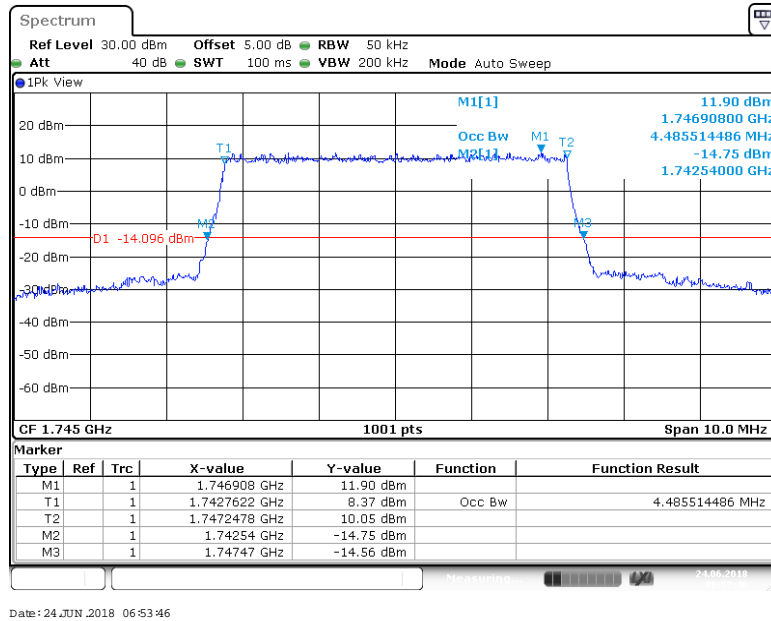
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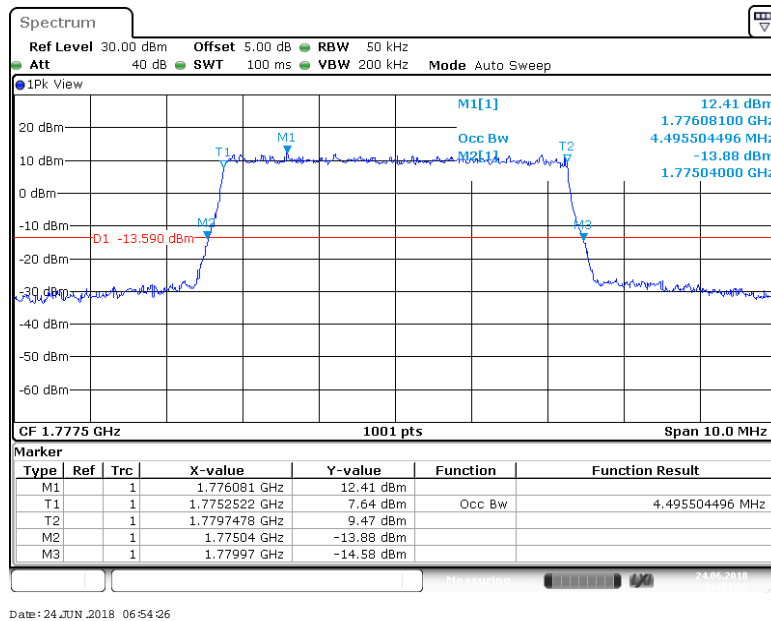
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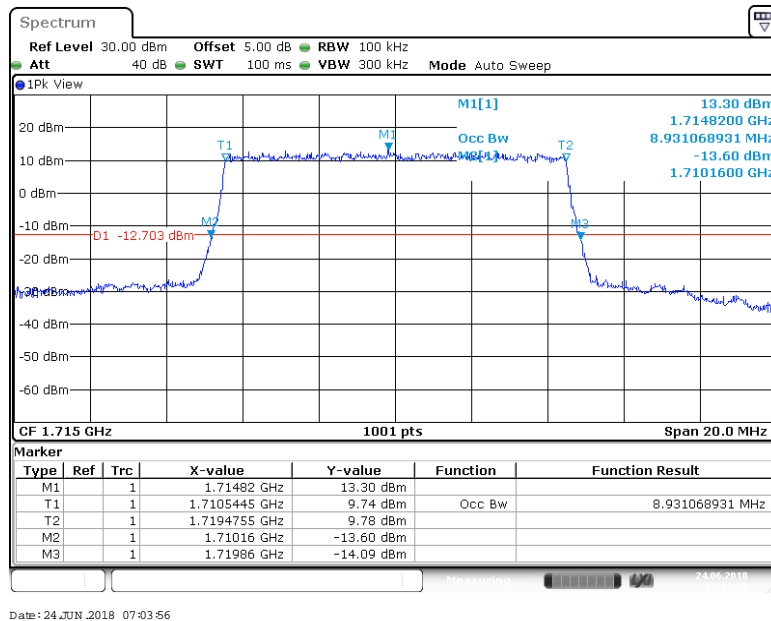
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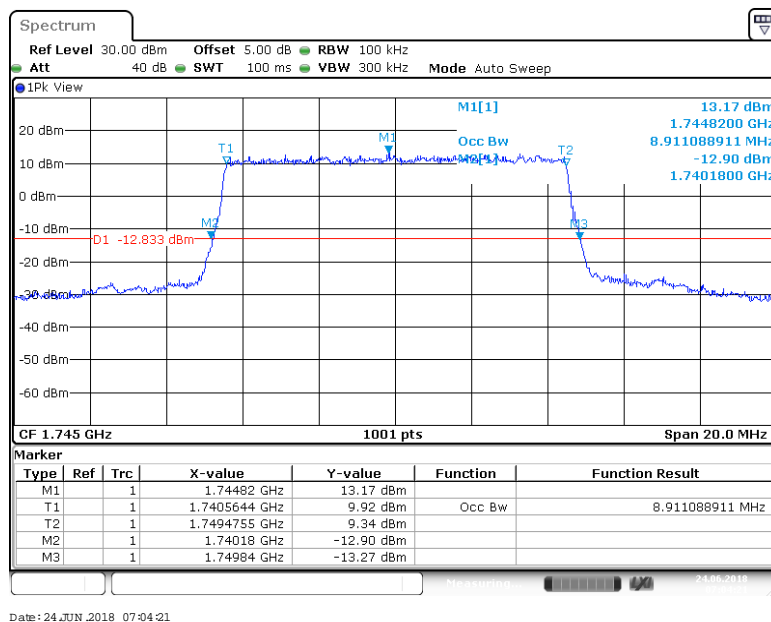
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BAND 66_10MHz_QPSK_132322_50RB#0



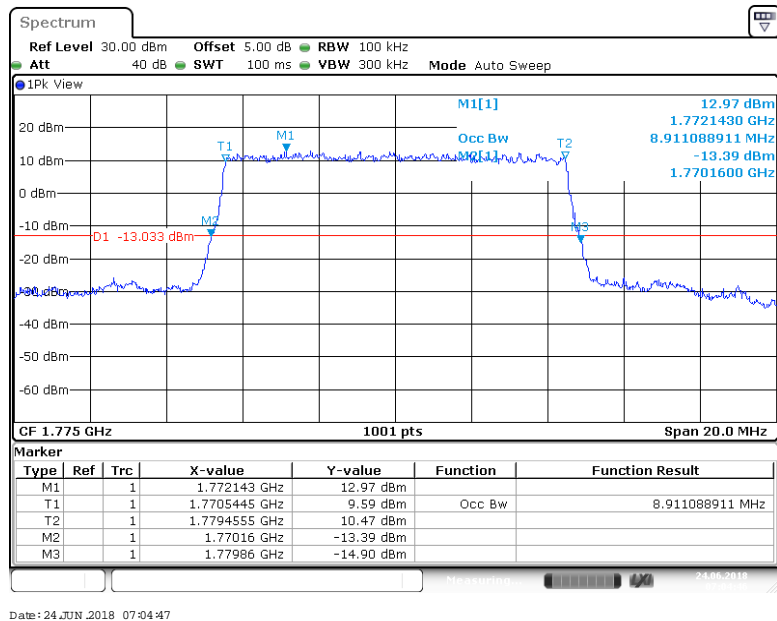
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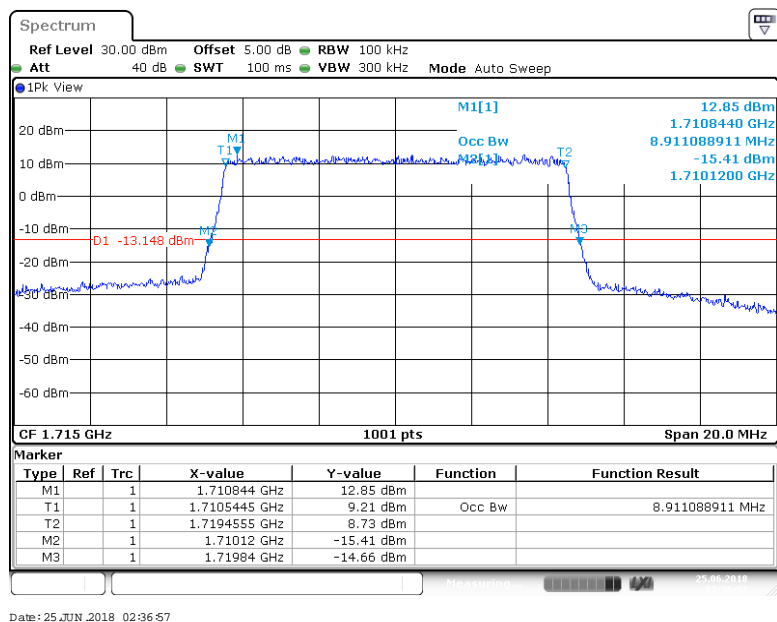
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BAND 66_10MHz_64QAM_132022_50RB#0



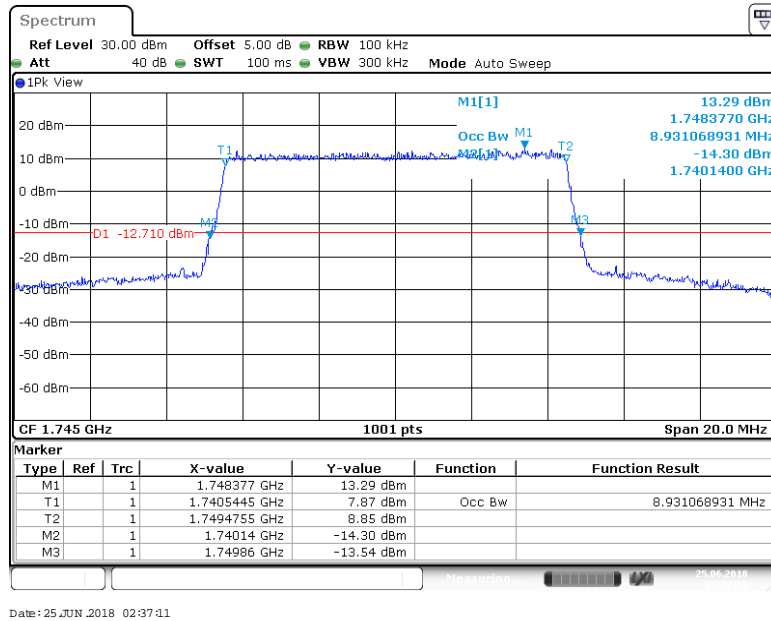
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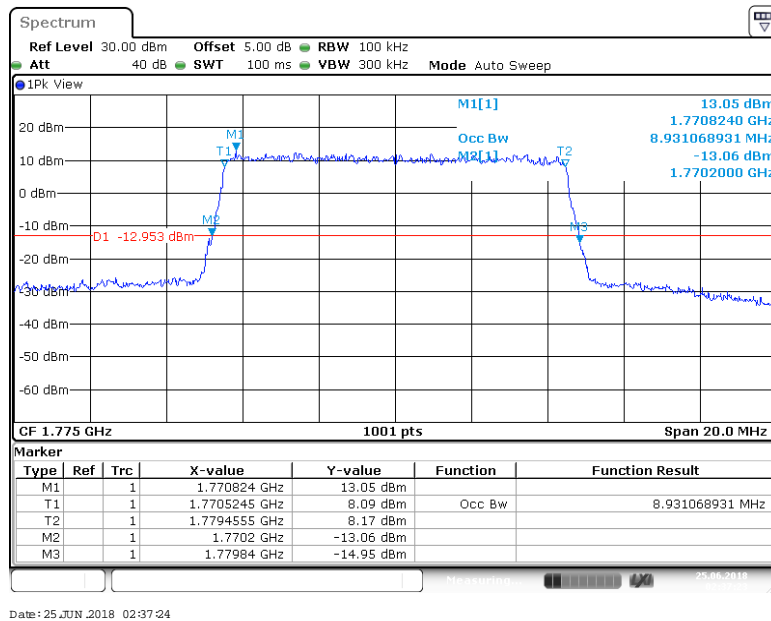
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BAND 66_10MHz_64QAM_132622_50RB#0



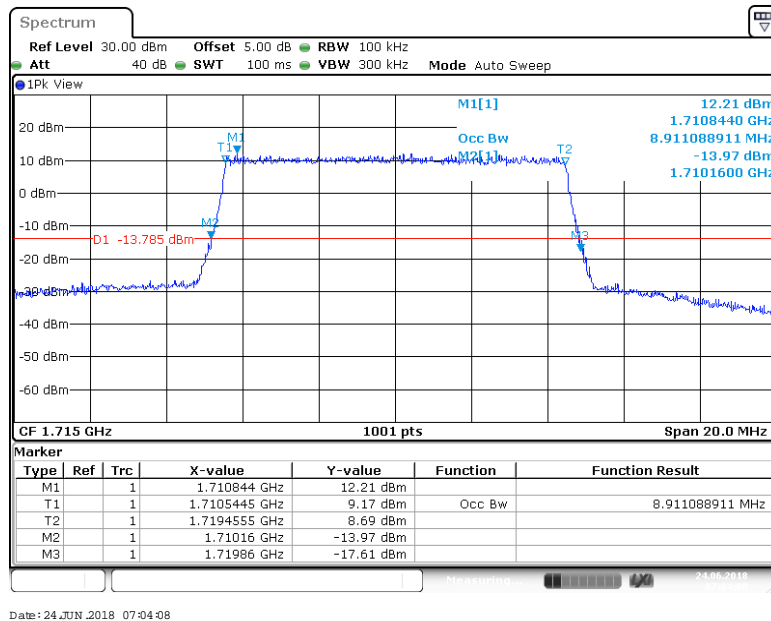
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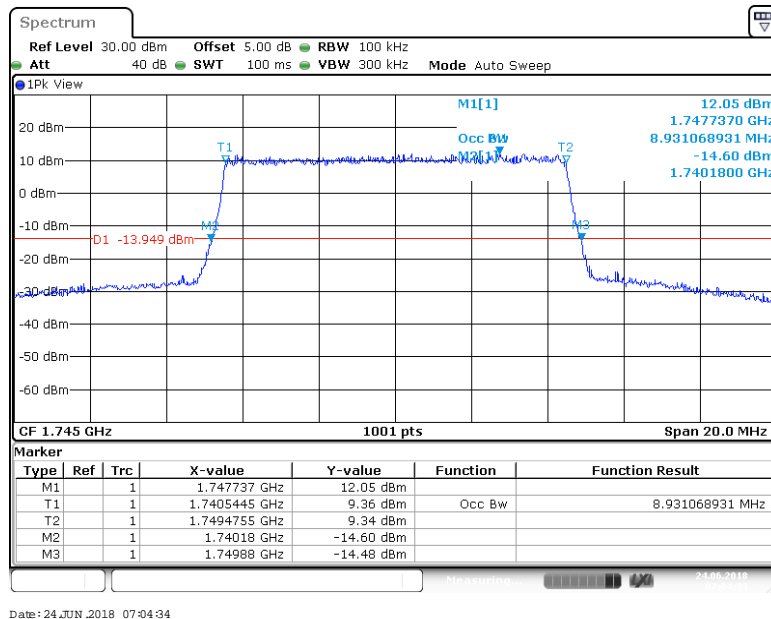
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BAND 66_10MHz_16QAM_132322_50RB#0



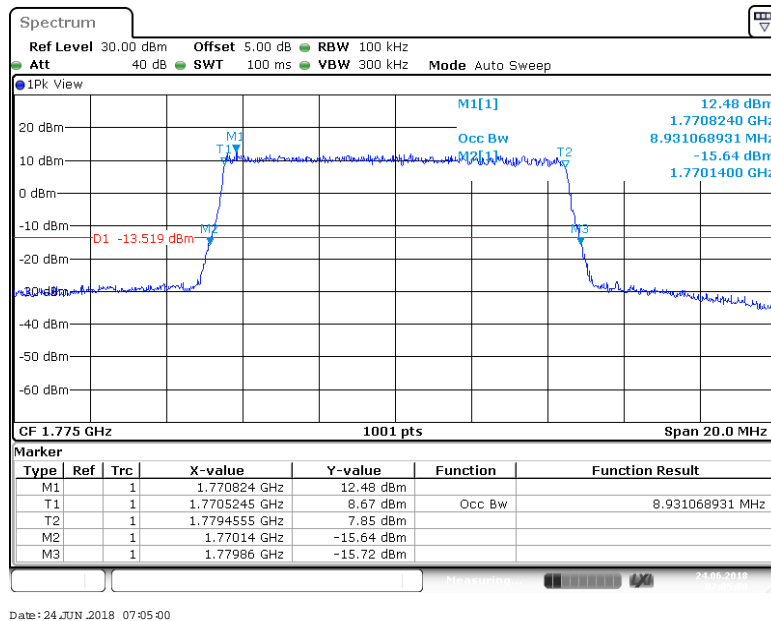
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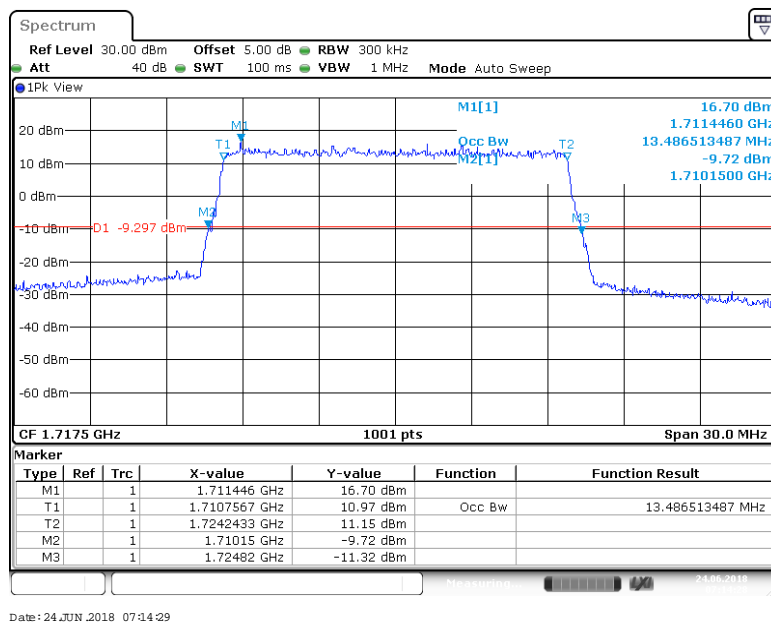
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BAND 66_15MHz_QPSK_132047_75RB#0



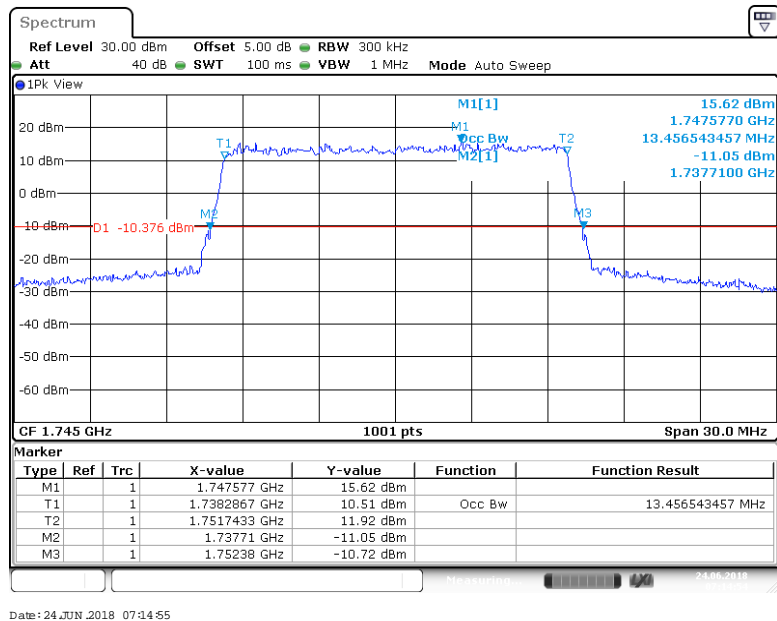
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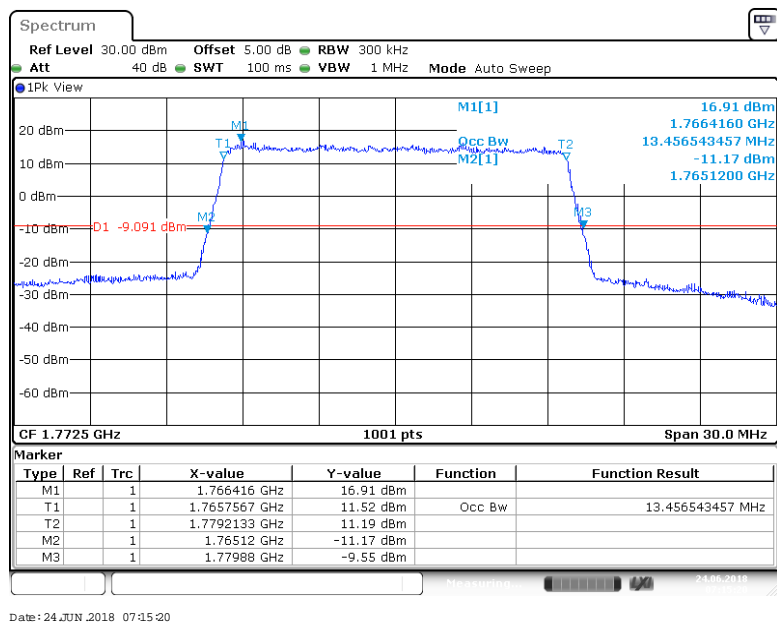
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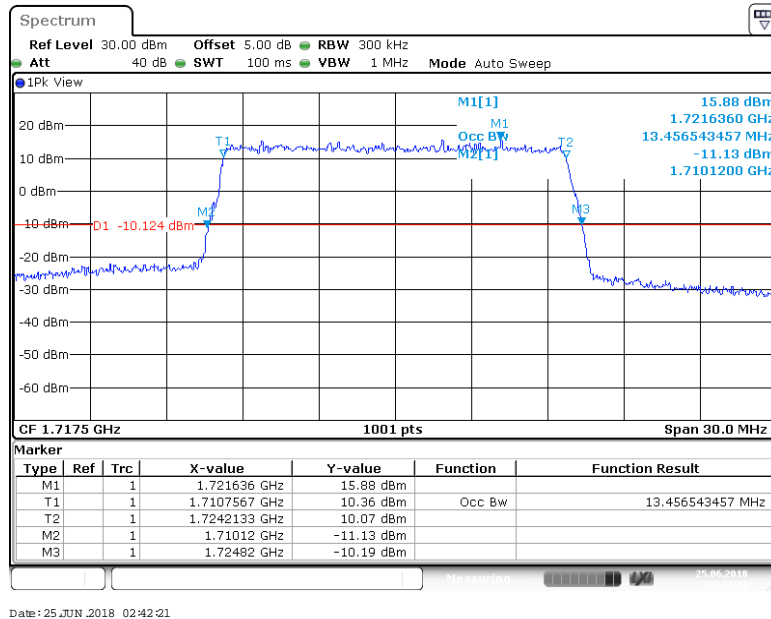
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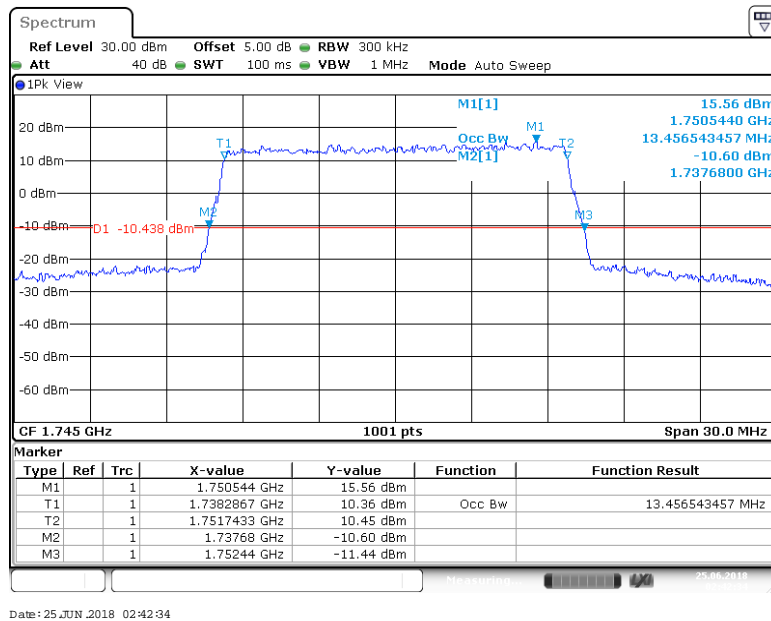
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BAND 66_15MHz_64QAM_132322_75RB#0



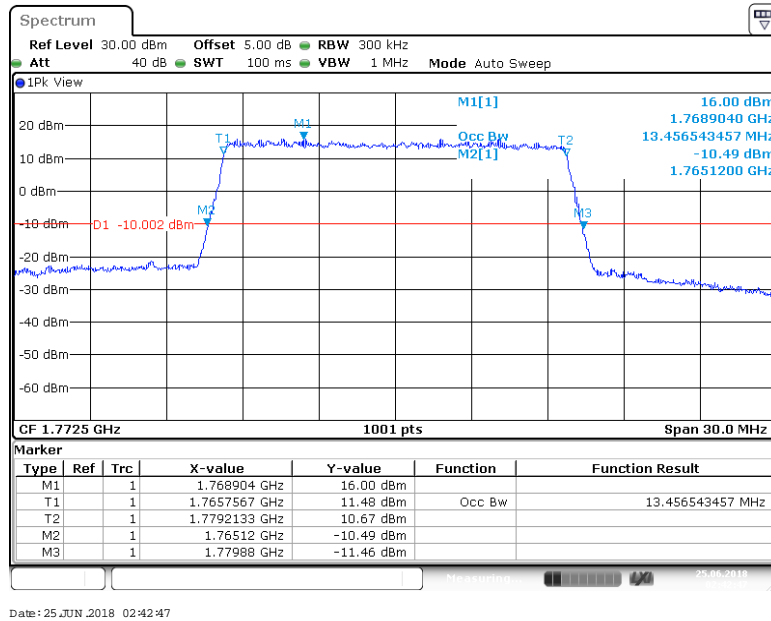
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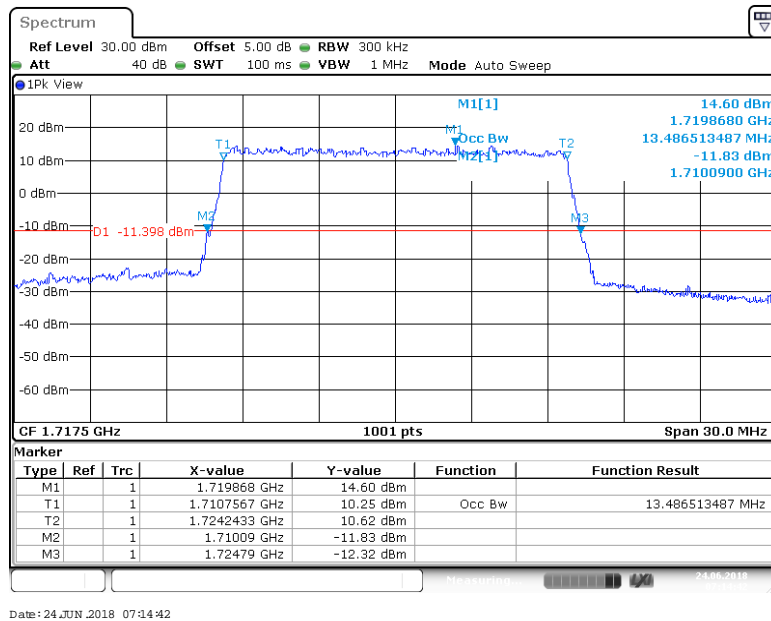
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BAND 66_15MHz_16QAM_132047_75RB#0



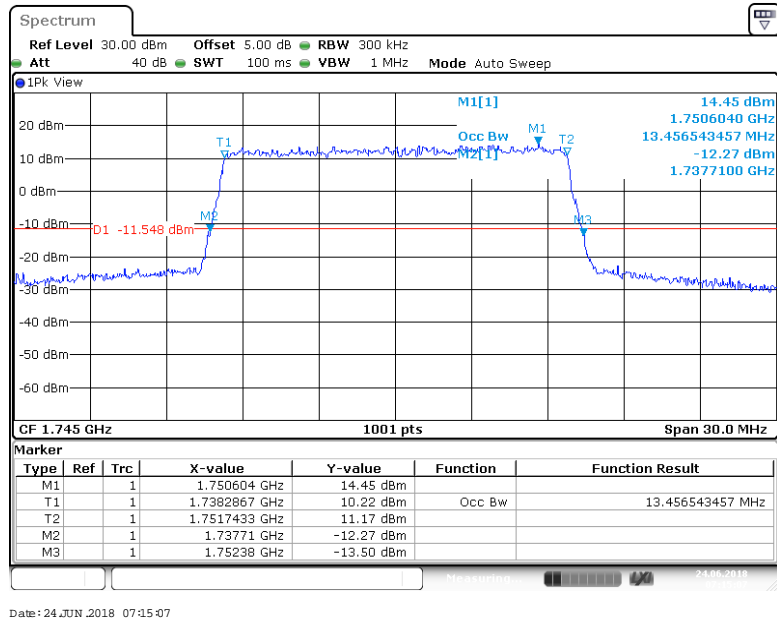
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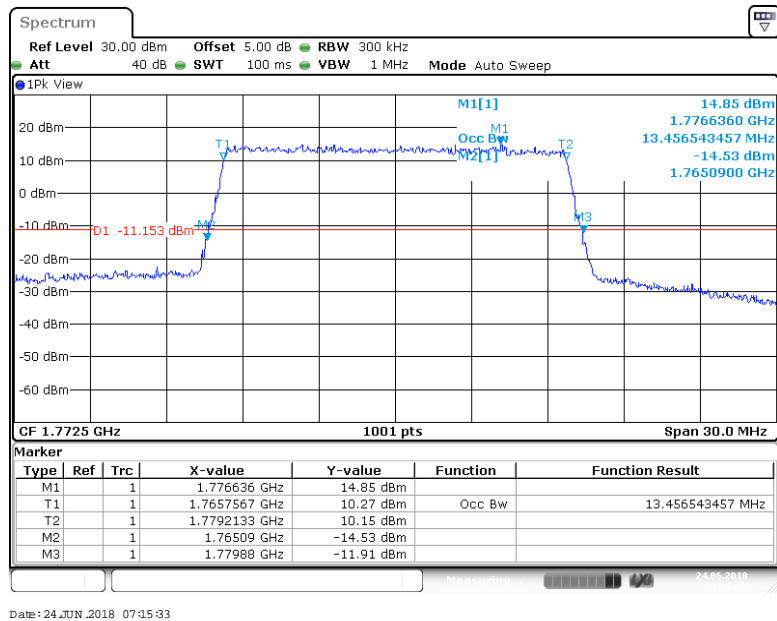
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BAND 66_15MHz_16QAM_132597_75RB#0



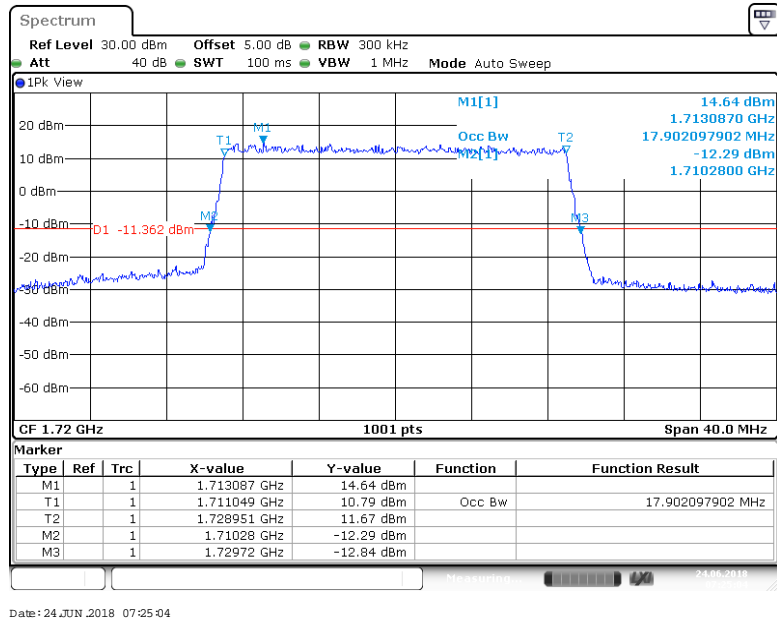
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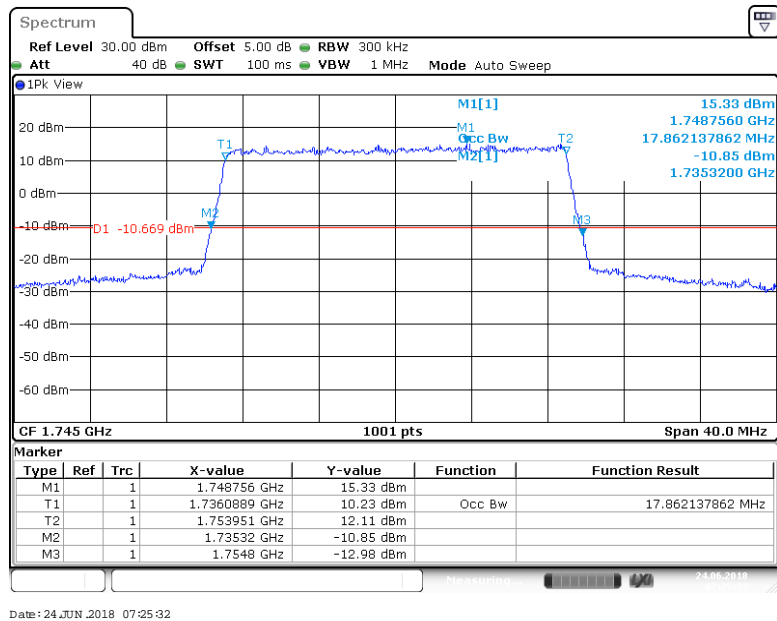
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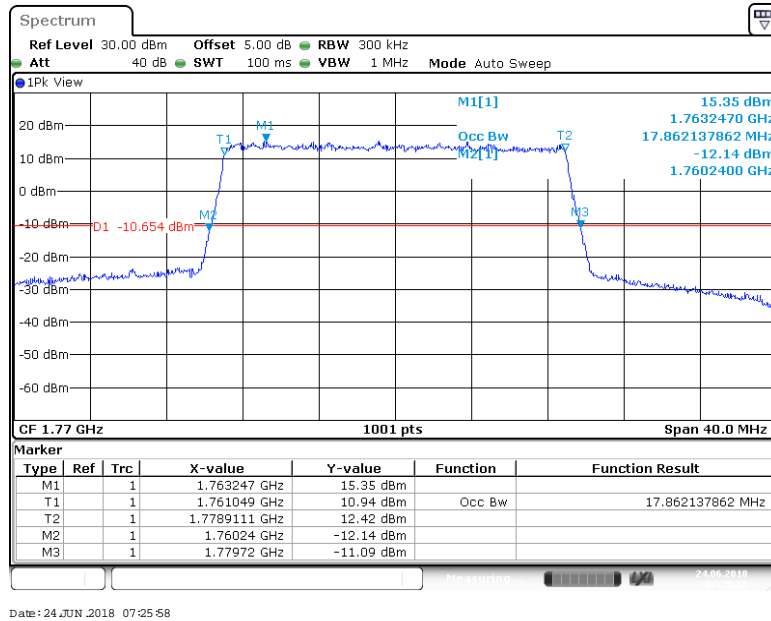
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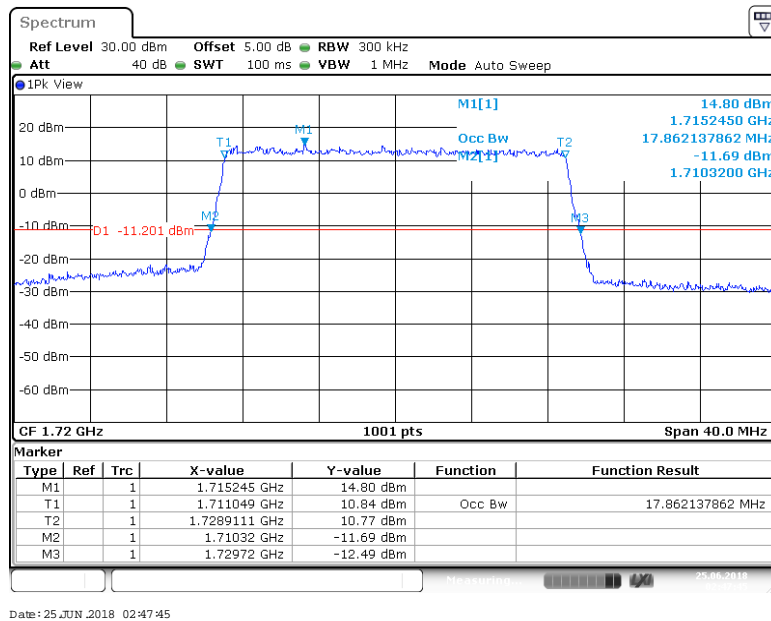
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BAND 66_20MHz_64QAM_132072_100RB#0



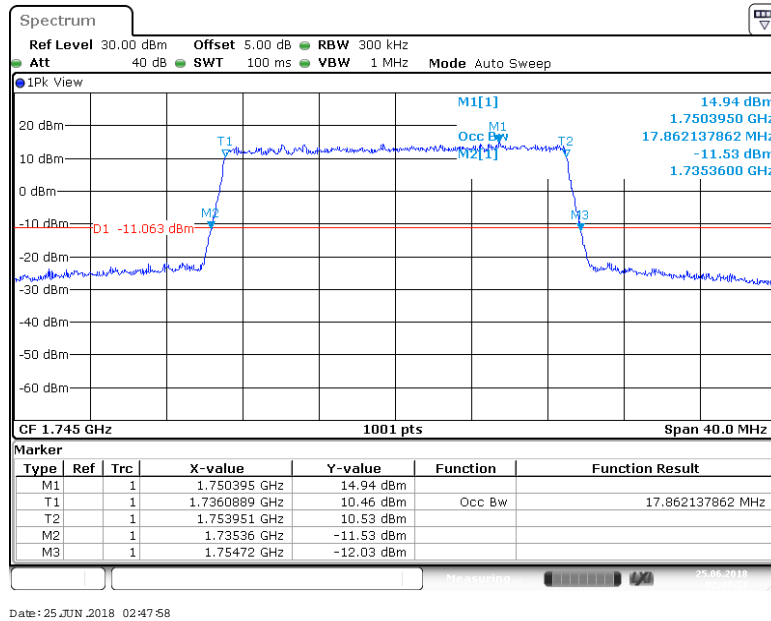
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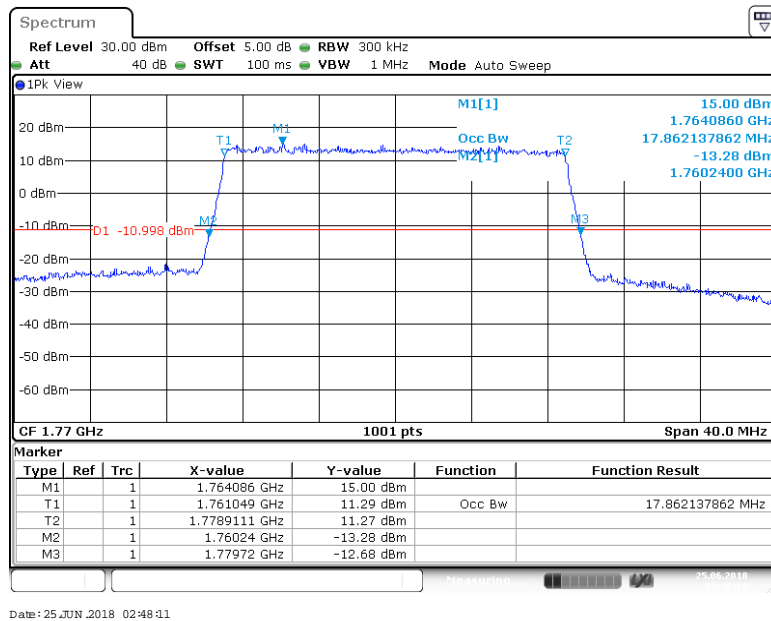
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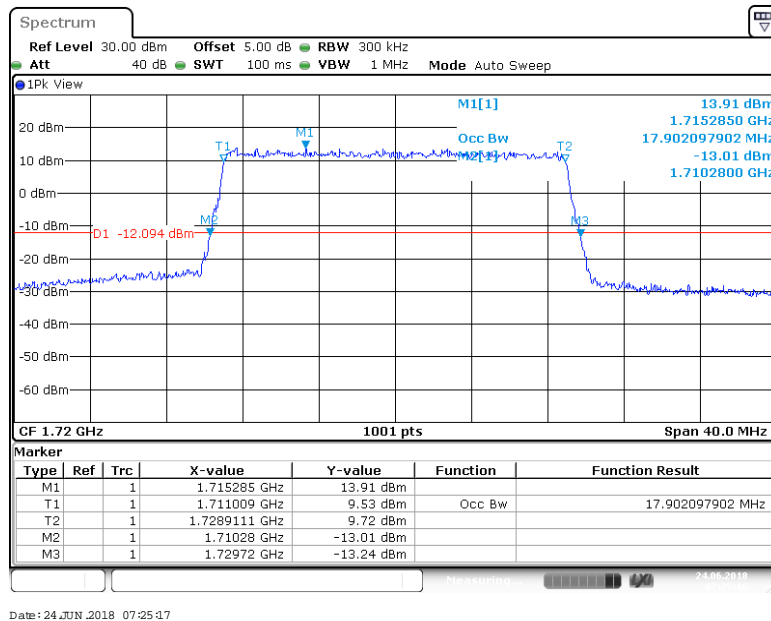
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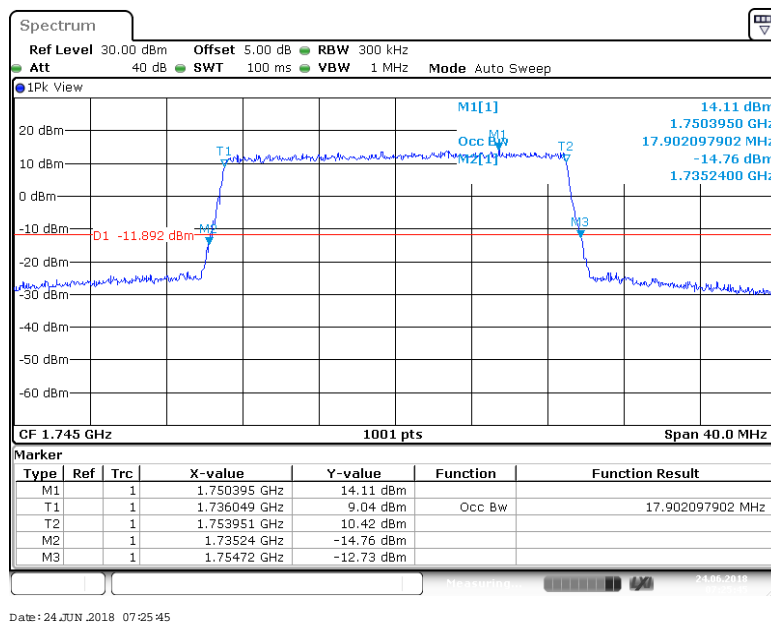
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BAND 66_20MHz_16QAM_132322_100RB#0



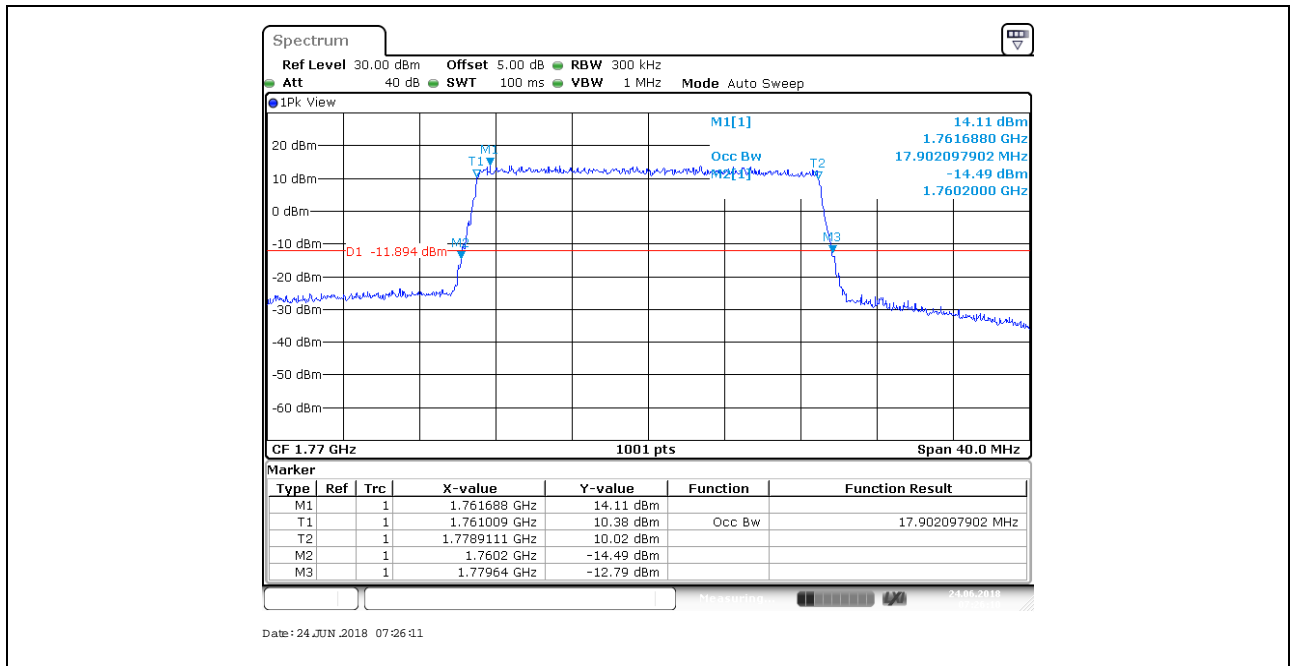
BAND 66_20MHz_16QAM_132572_100RB#0



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5. Band Edge Compliance

5.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
BAND 66	1.4MHz	QPSK	131979	1RB#0	-21.88	PASS
BAND 66	1.4MHz	QPSK	131979	1RB#5	-48.33	PASS
BAND 66	1.4MHz	QPSK	131979	6RB#0	-24.78	PASS
BAND 66	1.4MHz	QPSK	132665	1RB#0	-47.87	PASS
BAND 66	1.4MHz	QPSK	132665	1RB#5	-21.51	PASS
BAND 66	1.4MHz	QPSK	132665	6RB#0	-25.98	PASS
BAND 66	1.4MHz	64QAM	131979	1RB#0	-22.78	PASS
BAND 66	1.4MHz	64QAM	131979	1RB#5	-48.07	PASS
BAND 66	1.4MHz	64QAM	131979	6RB#0	-24.29	PASS
BAND 66	1.4MHz	64QAM	132665	1RB#0	-48.78	PASS
BAND 66	1.4MHz	64QAM	132665	1RB#5	-21.72	PASS
BAND 66	1.4MHz	64QAM	132665	6RB#0	-25.84	PASS
BAND 66	1.4MHz	16QAM	131979	1RB#0	-23.32	PASS
BAND 66	1.4MHz	16QAM	131979	1RB#5	-48.47	PASS
BAND 66	1.4MHz	16QAM	131979	6RB#0	-25.67	PASS
BAND 66	1.4MHz	16QAM	132665	1RB#0	-48.22	PASS
BAND 66	1.4MHz	16QAM	132665	1RB#5	-21.44	PASS
BAND 66	1.4MHz	16QAM	132665	6RB#0	-26.84	PASS
BAND 66	3MHz	QPSK	131987	1RB#0	-15.54	PASS
BAND 66	3MHz	QPSK	131987	1RB#14	-47.77	PASS
BAND 66	3MHz	QPSK	131987	15RB#0	-24.16	PASS
BAND 66	3MHz	QPSK	132657	1RB#0	-48.44	PASS
BAND 66	3MHz	QPSK	132657	1RB#14	-16.24	PASS
BAND 66	3MHz	QPSK	132657	15RB#0	-22.82	PASS
BAND 66	3MHz	64QAM	131987	1RB#0	-14.86	PASS
BAND 66	3MHz	64QAM	131987	1RB#14	-48.98	PASS
BAND 66	3MHz	64QAM	131987	15RB#0	-24.12	PASS
BAND 66	3MHz	64QAM	132657	1RB#0	-47.66	PASS
BAND 66	3MHz	64QAM	132657	1RB#14	-15.74	PASS
BAND 66	3MHz	64QAM	132657	15RB#0	-25.08	PASS
BAND 66	3MHz	16QAM	131987	1RB#0	-15.50	PASS
BAND 66	3MHz	16QAM	131987	1RB#14	-48.06	PASS
BAND 66	3MHz	16QAM	131987	15RB#0	-24.87	PASS
BAND 66	3MHz	16QAM	132657	1RB#0	-48.00	PASS
BAND 66	3MHz	16QAM	132657	1RB#14	-17.12	PASS

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BAND 66	3MHz	16QAM	132657	15RB#0	-25.09	PASS
BAND 66	5MHz	QPSK	131997	1RB#0	-21.36	PASS
BAND 66	5MHz	QPSK	131997	1RB#24	-54.05	PASS
BAND 66	5MHz	QPSK	131997	25RB#0	-29.83	PASS
BAND 66	5MHz	QPSK	132647	1RB#0	-54.05	PASS
BAND 66	5MHz	QPSK	132647	1RB#24	-21.90	PASS
BAND 66	5MHz	QPSK	132647	25RB#0	-29.31	PASS
BAND 66	5MHz	64QAM	131997	1RB#0	-20.87	PASS
BAND 66	5MHz	64QAM	131997	1RB#24	-54.27	PASS
BAND 66	5MHz	64QAM	131997	25RB#0	-29.73	PASS
BAND 66	5MHz	64QAM	132647	1RB#0	-54.00	PASS
BAND 66	5MHz	64QAM	132647	1RB#24	-20.87	PASS
BAND 66	5MHz	64QAM	132647	25RB#0	-30.01	PASS
BAND 66	5MHz	16QAM	131997	1RB#0	-22.03	PASS
BAND 66	5MHz	16QAM	131997	1RB#24	-54.37	PASS
BAND 66	5MHz	16QAM	131997	25RB#0	-30.23	PASS
BAND 66	5MHz	16QAM	132647	1RB#0	-54.48	PASS
BAND 66	5MHz	16QAM	132647	1RB#24	-21.25	PASS
BAND 66	5MHz	16QAM	132647	25RB#0	-29.97	PASS
BAND 66	10MHz	QPSK	132022	1RB#0	-33.34	PASS
BAND 66	10MHz	QPSK	132022	1RB#49	-52.32	PASS
BAND 66	10MHz	QPSK	132022	50RB#0	-32.36	PASS
BAND 66	10MHz	QPSK	132622	1RB#0	-53.54	PASS
BAND 66	10MHz	QPSK	132622	1RB#49	-33.13	PASS
BAND 66	10MHz	QPSK	132622	50RB#0	-32.86	PASS
BAND 66	10MHz	64QAM	132022	1RB#0	-32.78	PASS
BAND 66	10MHz	64QAM	132022	1RB#49	-52.69	PASS
BAND 66	10MHz	64QAM	132022	50RB#0	-32.22	PASS
BAND 66	10MHz	64QAM	132622	1RB#0	-53.08	PASS
BAND 66	10MHz	64QAM	132622	1RB#49	-31.98	PASS
BAND 66	10MHz	64QAM	132622	50RB#0	-32.78	PASS
BAND 66	10MHz	16QAM	132022	1RB#0	-32.70	PASS
BAND 66	10MHz	16QAM	132022	1RB#49	-52.48	PASS
BAND 66	10MHz	16QAM	132022	50RB#0	-33.60	PASS
BAND 66	10MHz	16QAM	132622	1RB#0	-52.95	PASS
BAND 66	10MHz	16QAM	132622	1RB#49	-33.01	PASS
BAND 66	10MHz	16QAM	132622	50RB#0	-34.44	PASS
BAND 66	15MHz	QPSK	132047	1RB#0	-24.84	PASS
BAND 66	15MHz	QPSK	132047	1RB#74	-47.76	PASS
BAND 66	15MHz	QPSK	132047	75RB#0	-30.36	PASS
BAND 66	15MHz	QPSK	132597	1RB#0	-47.80	PASS

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BAND 66	15MHz	QPSK	132597	1RB#74	-25.21	PASS
BAND 66	15MHz	QPSK	132597	75RB#0	-31.31	PASS
BAND 66	15MHz	64QAM	132047	1RB#0	-24.36	PASS
BAND 66	15MHz	64QAM	132047	1RB#74	-48.03	PASS
BAND 66	15MHz	64QAM	132047	75RB#0	-29.84	PASS
BAND 66	15MHz	64QAM	132597	1RB#0	-48.10	PASS
BAND 66	15MHz	64QAM	132597	1RB#74	-23.84	PASS
BAND 66	15MHz	64QAM	132597	75RB#0	-31.50	PASS
BAND 66	15MHz	16QAM	132047	1RB#0	-24.74	PASS
BAND 66	15MHz	16QAM	132047	1RB#74	-47.03	PASS
BAND 66	15MHz	16QAM	132047	75RB#0	-31.14	PASS
BAND 66	15MHz	16QAM	132597	1RB#0	-48.02	PASS
BAND 66	15MHz	16QAM	132597	1RB#74	-24.20	PASS
BAND 66	15MHz	16QAM	132597	75RB#0	-32.57	PASS
BAND 66	20MHz	QPSK	132072	1RB#0	-27.86	PASS
BAND 66	20MHz	QPSK	132072	1RB#99	-49.52	PASS
BAND 66	20MHz	QPSK	132072	100RB#0	-31.82	PASS
BAND 66	20MHz	QPSK	132572	1RB#0	-49.85	PASS
BAND 66	20MHz	QPSK	132572	1RB#99	-28.57	PASS
BAND 66	20MHz	QPSK	132572	100RB#0	-32.75	PASS
BAND 66	20MHz	64QAM	132072	1RB#0	-39.40	PASS
BAND 66	20MHz	64QAM	132072	1RB#99	-49.68	PASS
BAND 66	20MHz	64QAM	132072	100RB#0	-29.93	PASS
BAND 66	20MHz	64QAM	132572	1RB#0	-49.59	PASS
BAND 66	20MHz	64QAM	132572	1RB#99	-27.73	PASS
BAND 66	20MHz	64QAM	132572	100RB#0	-32.92	PASS
BAND 66	20MHz	16QAM	132072	1RB#0	-27.82	PASS
BAND 66	20MHz	16QAM	132072	1RB#99	-49.83	PASS
BAND 66	20MHz	16QAM	132072	100RB#0	-32.30	PASS
BAND 66	20MHz	16QAM	132572	1RB#0	-49.83	PASS
BAND 66	20MHz	16QAM	132572	1RB#99	-28.60	PASS
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5.2. Test Plots

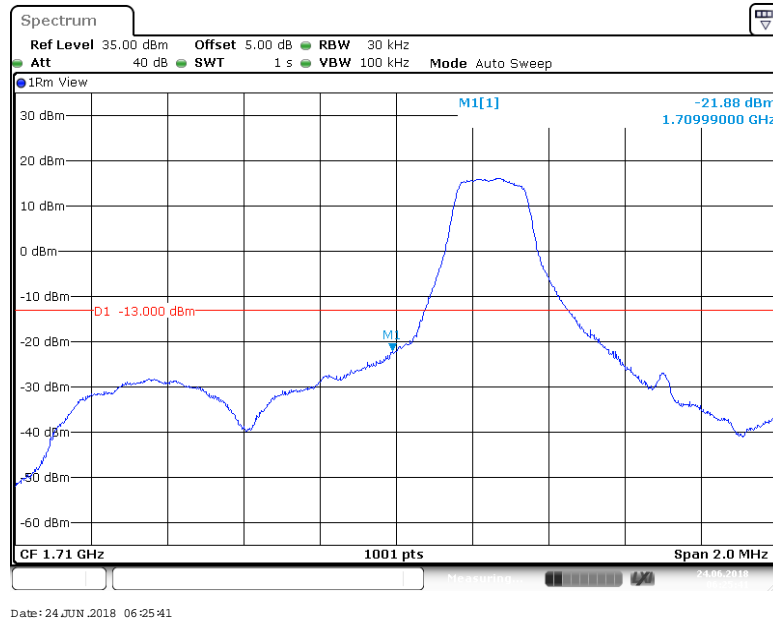
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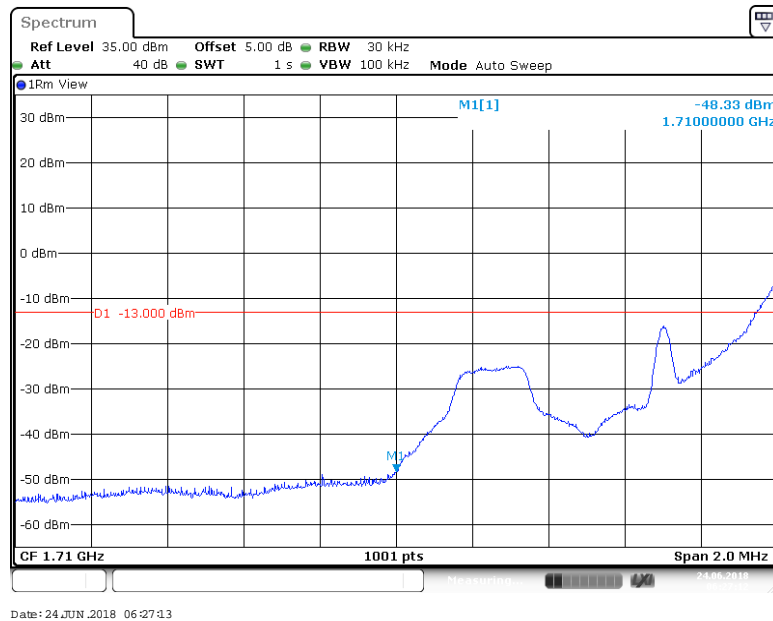
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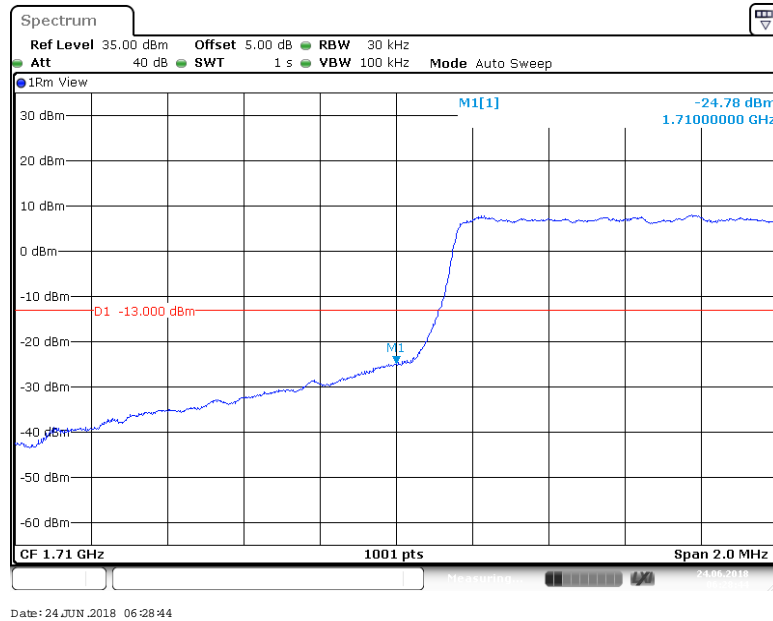
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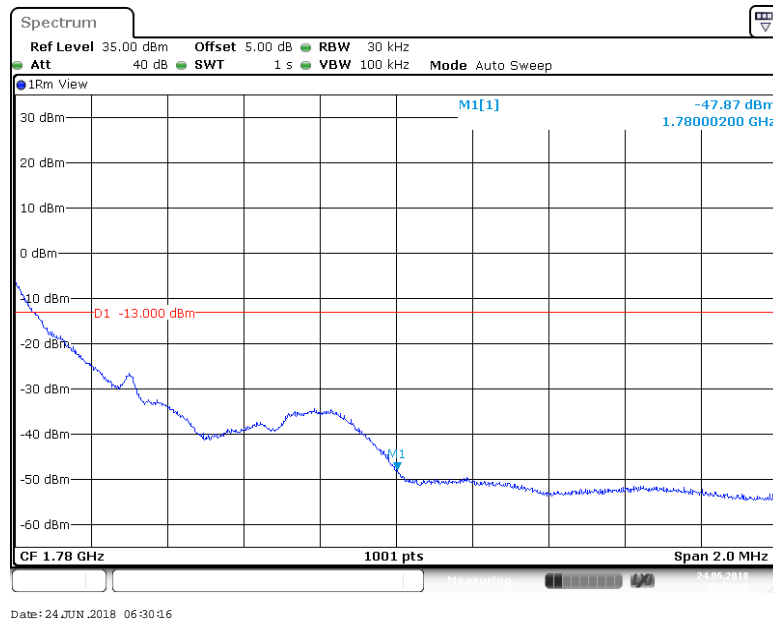
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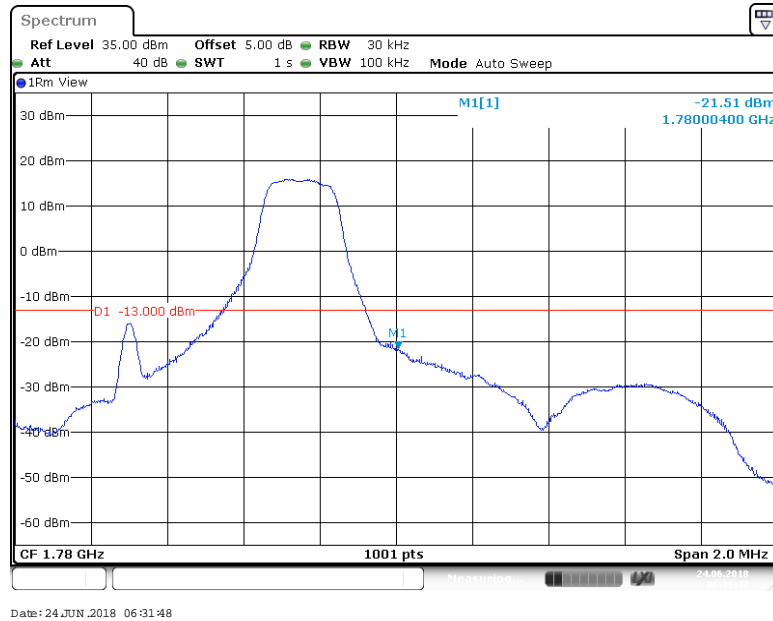
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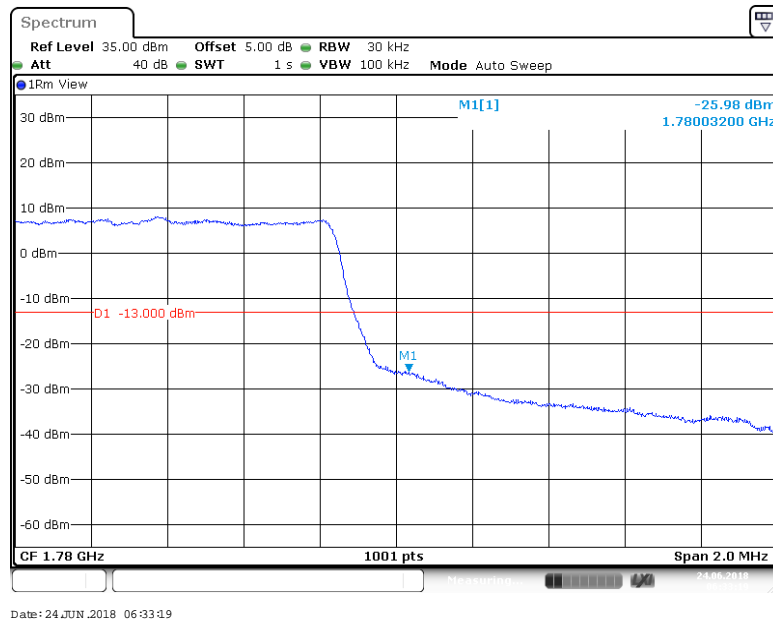
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BAND 66_1.4MHz_64QAM_131979_1RB#0



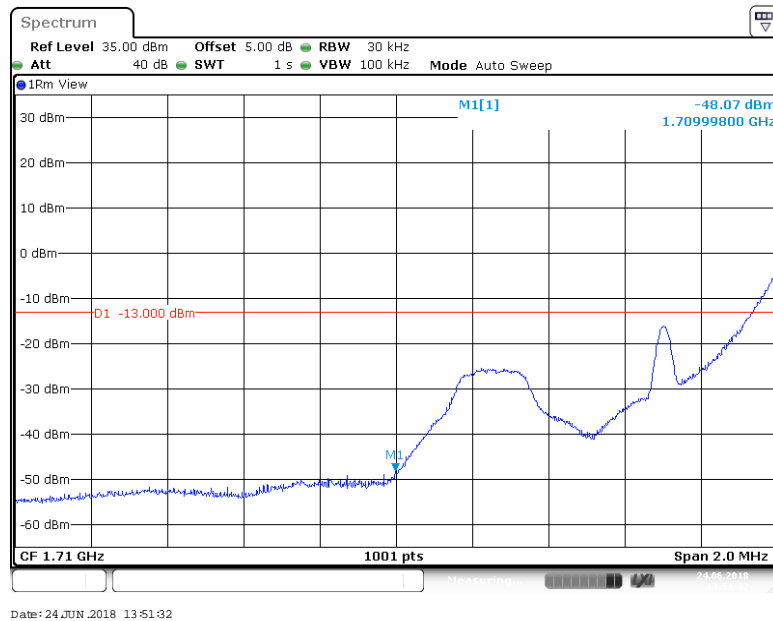
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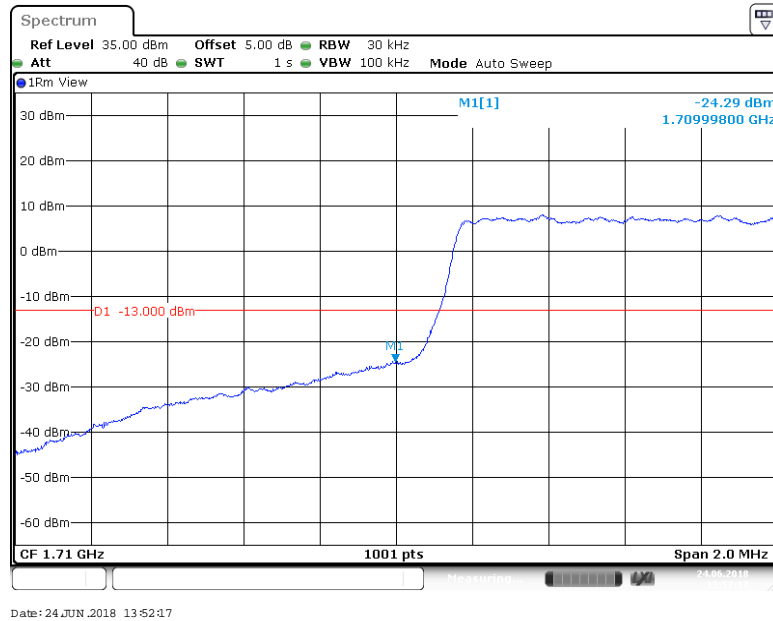
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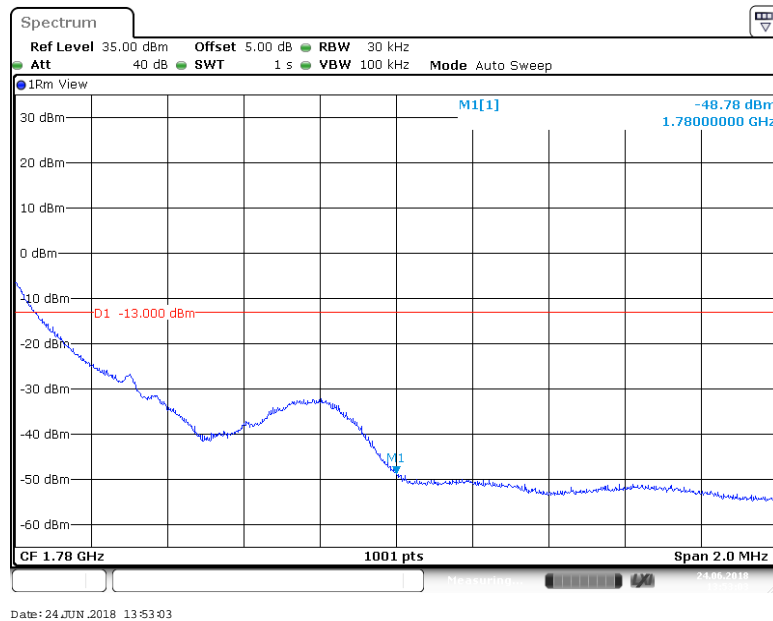
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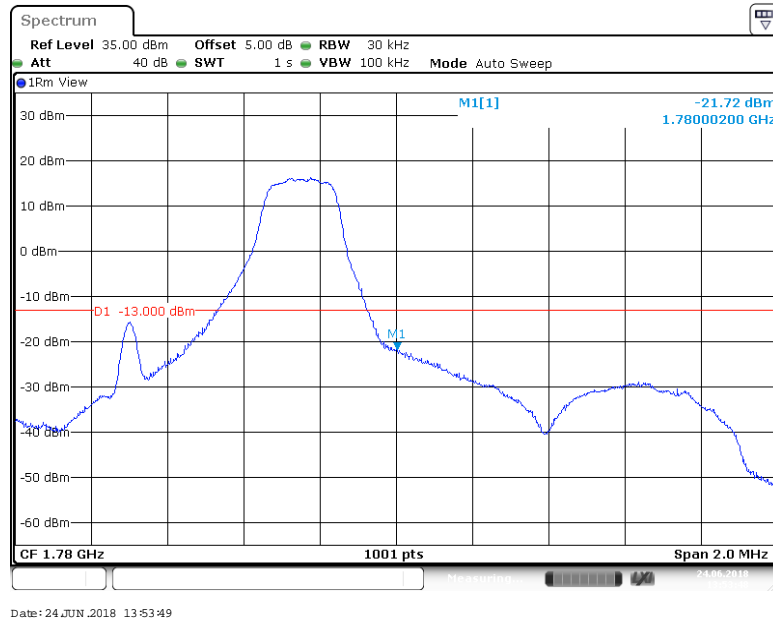
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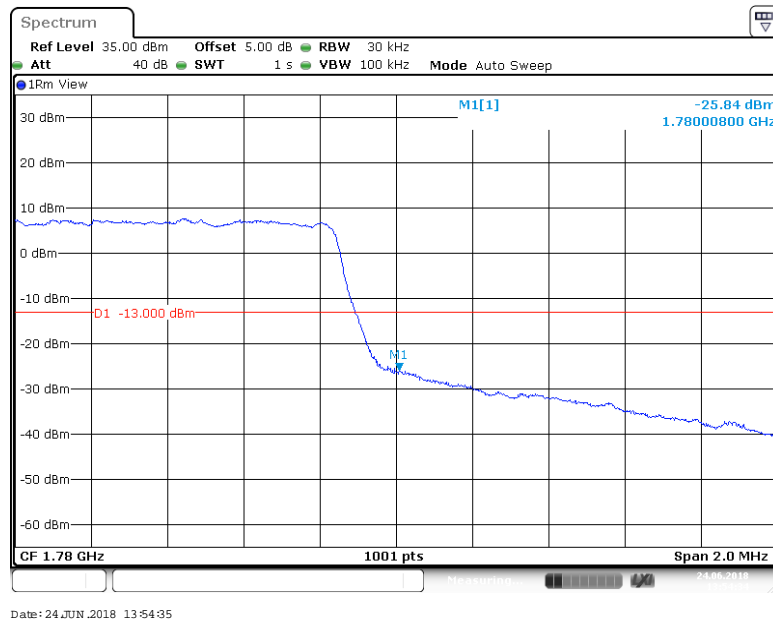
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BAND 66_1.4MHz_64QAM_132665_6RB#0



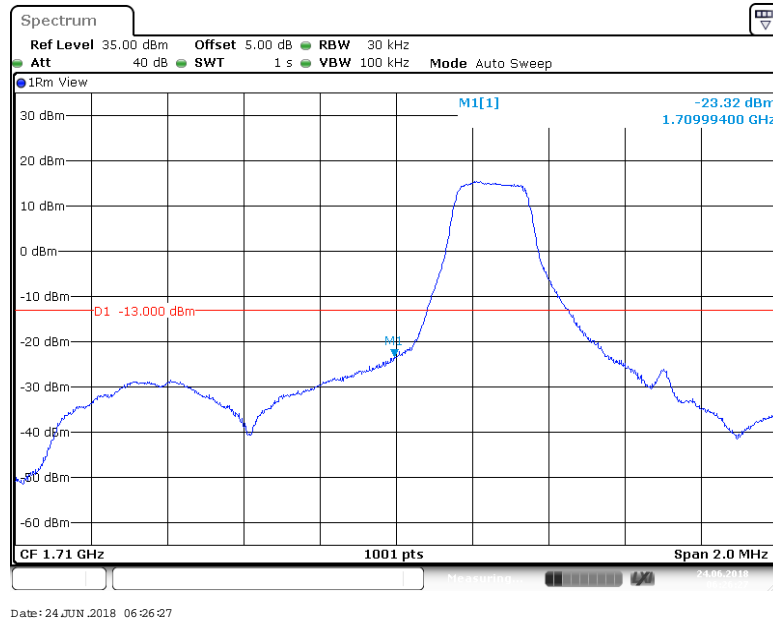
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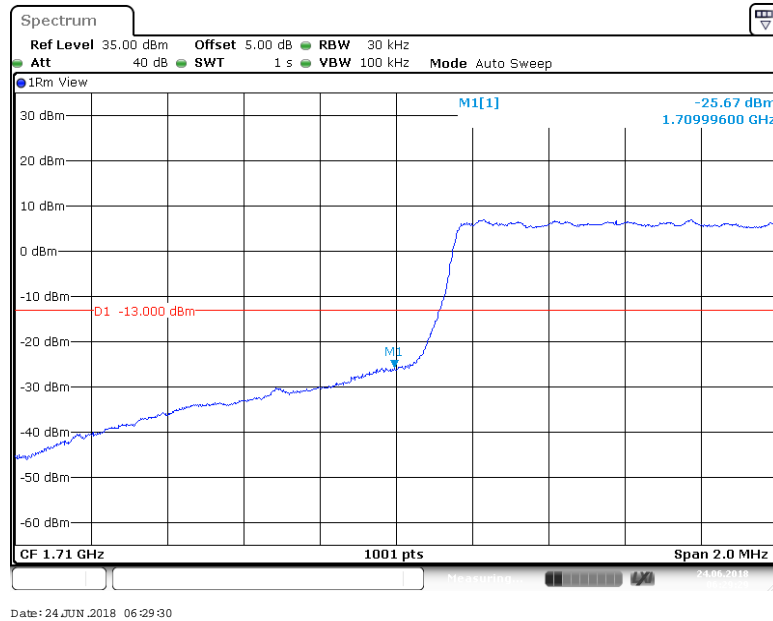
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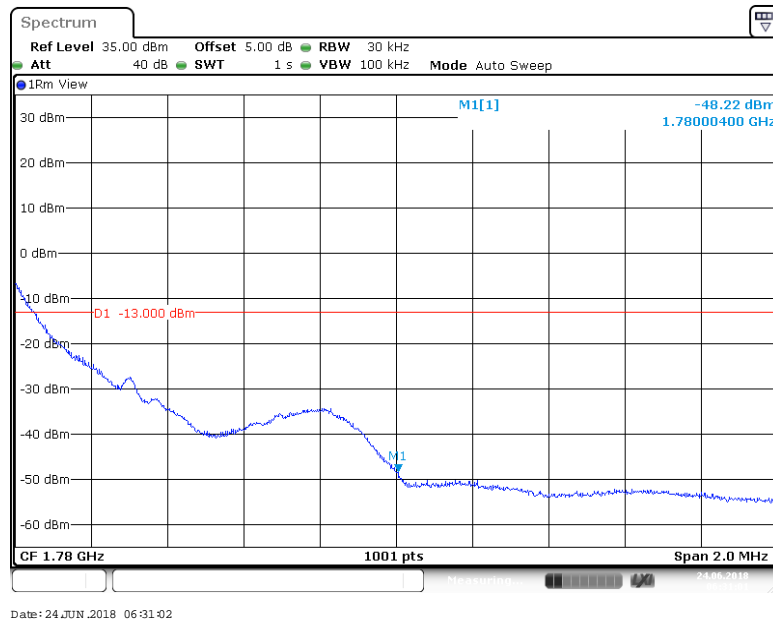
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BAND 66_1.4MHz_16QAM_132665_1RB#0



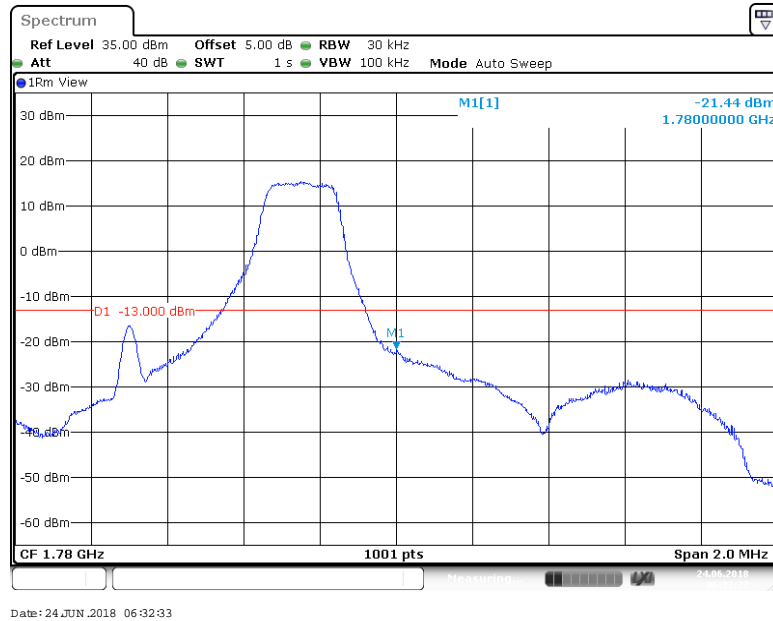
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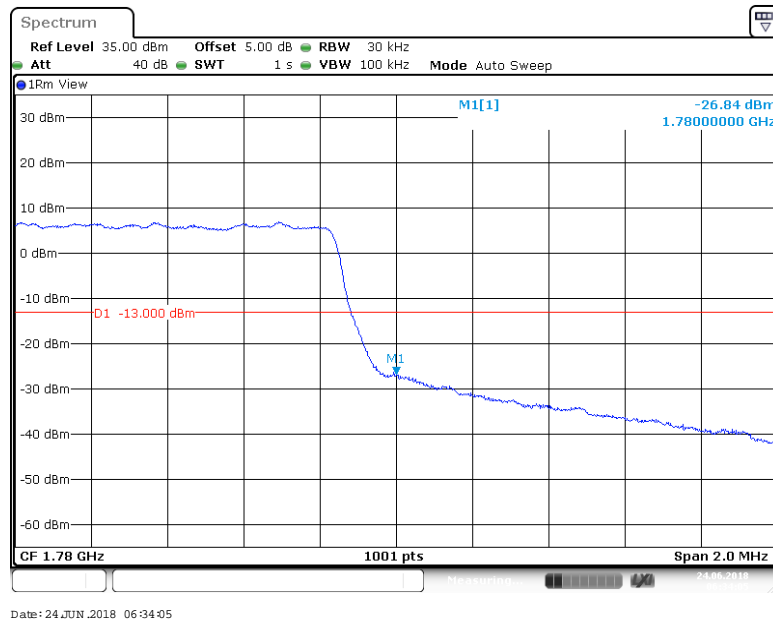
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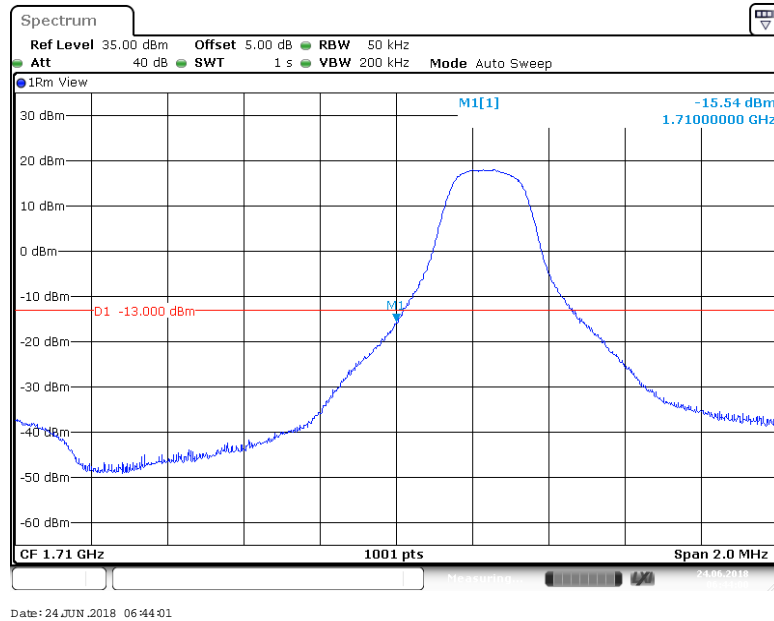
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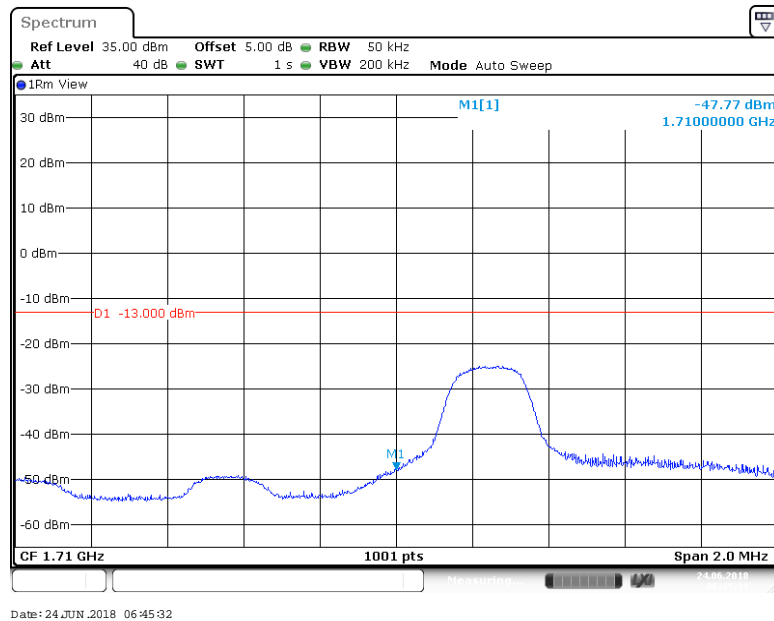
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BAND 66_3MHz_QPSK_131987_1RB#14



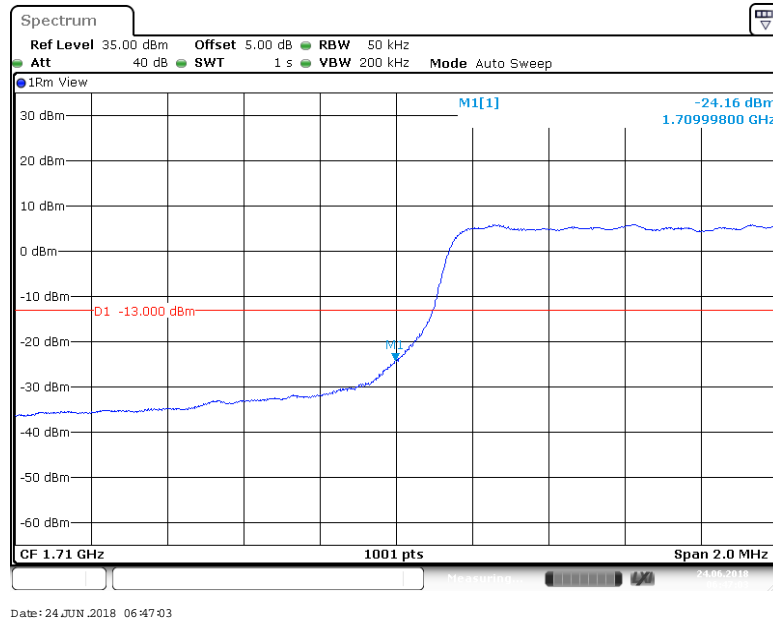
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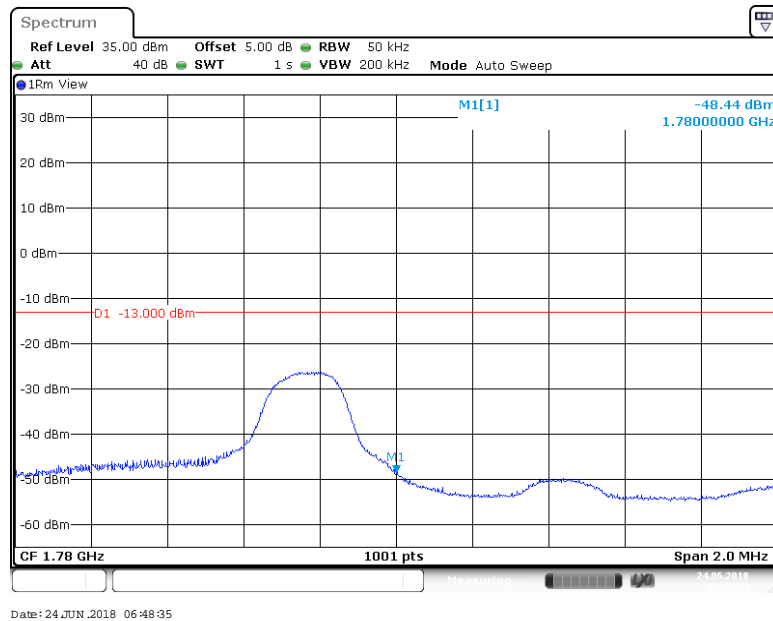
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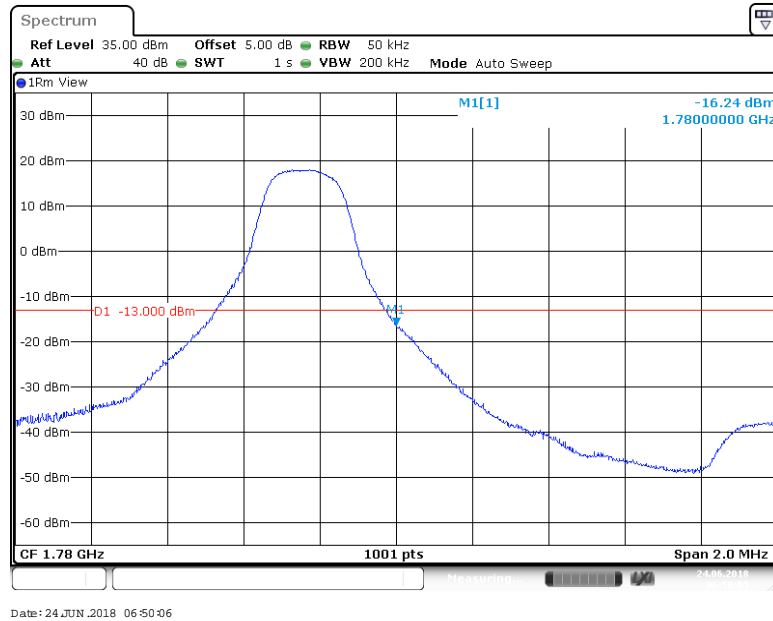
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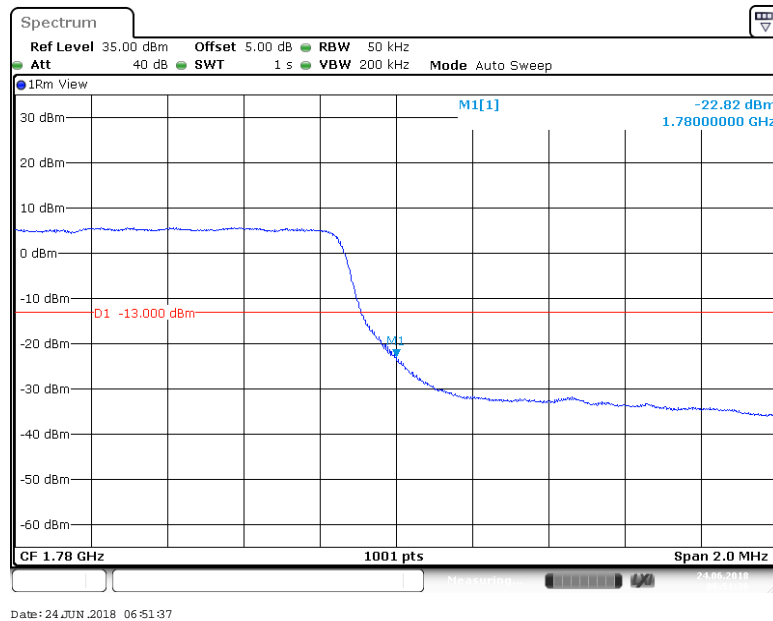
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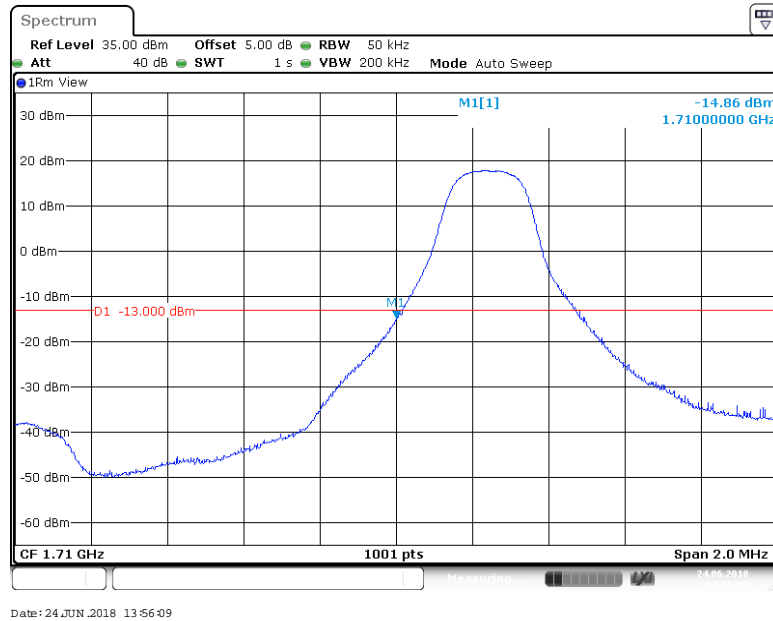
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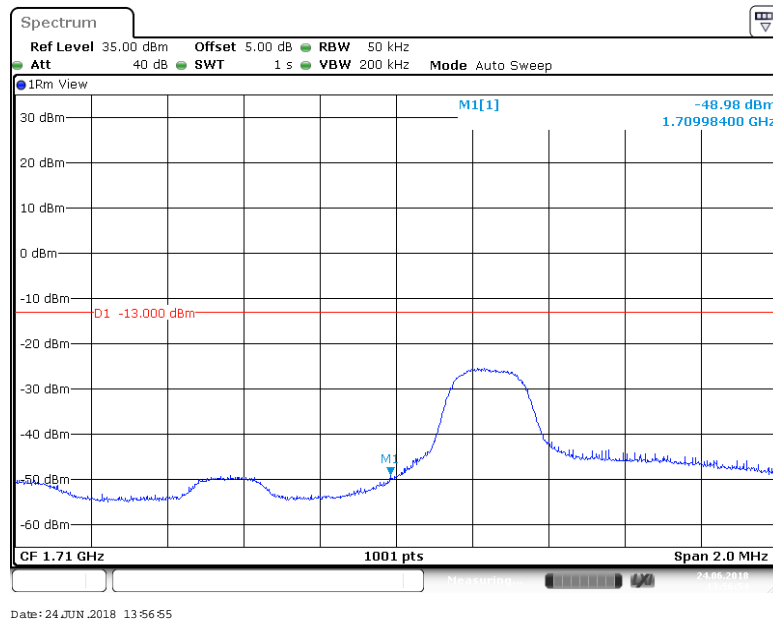
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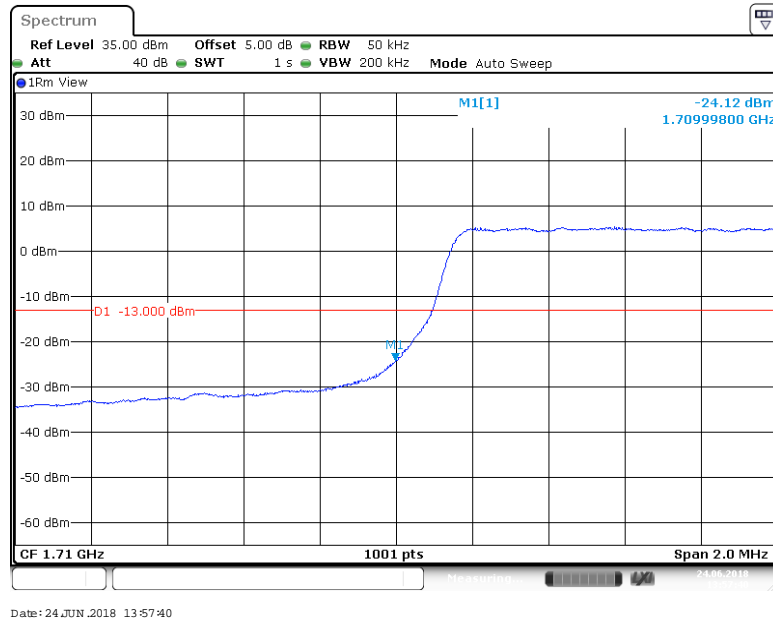
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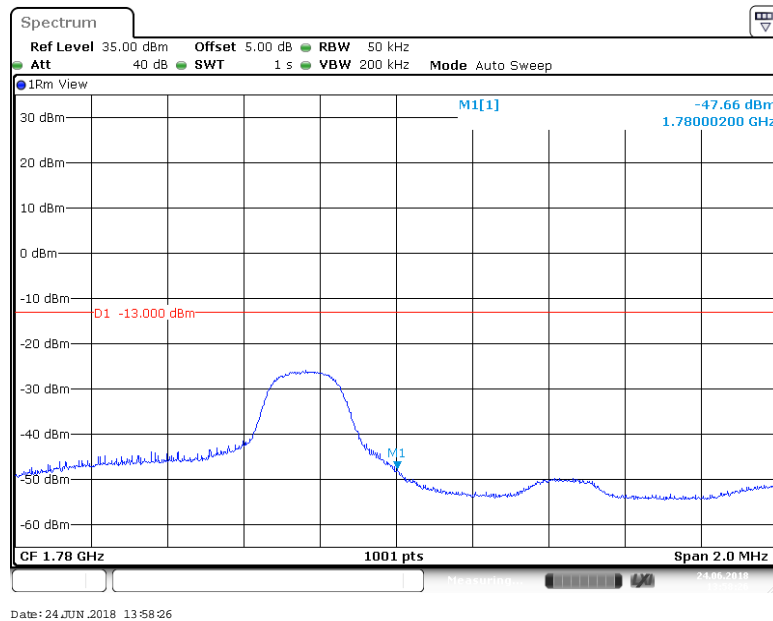
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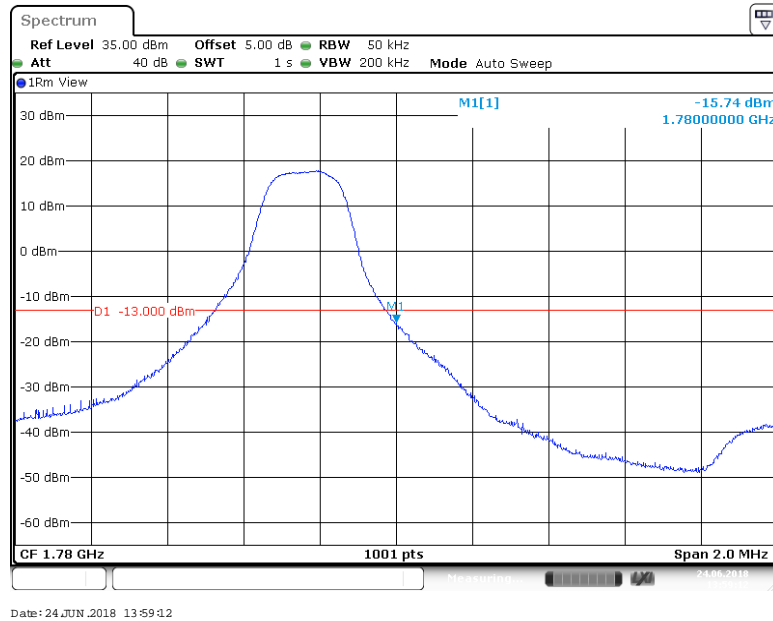
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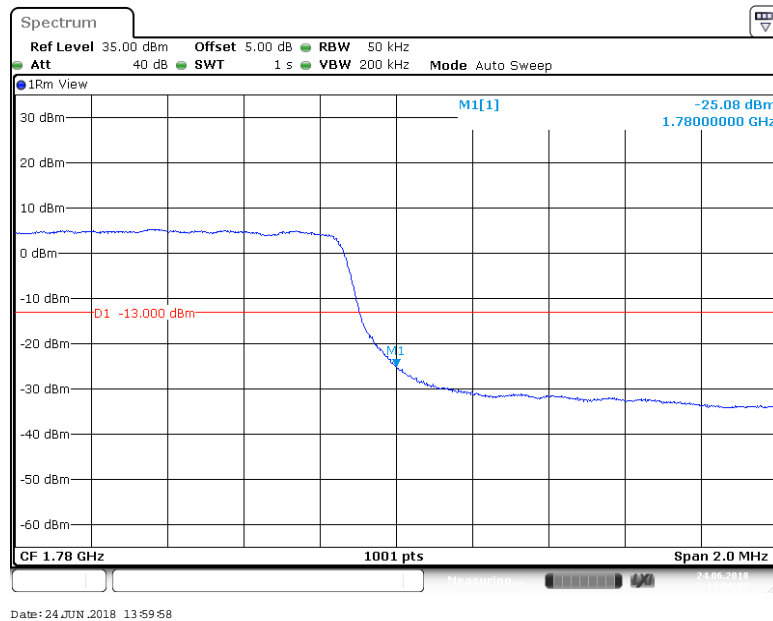
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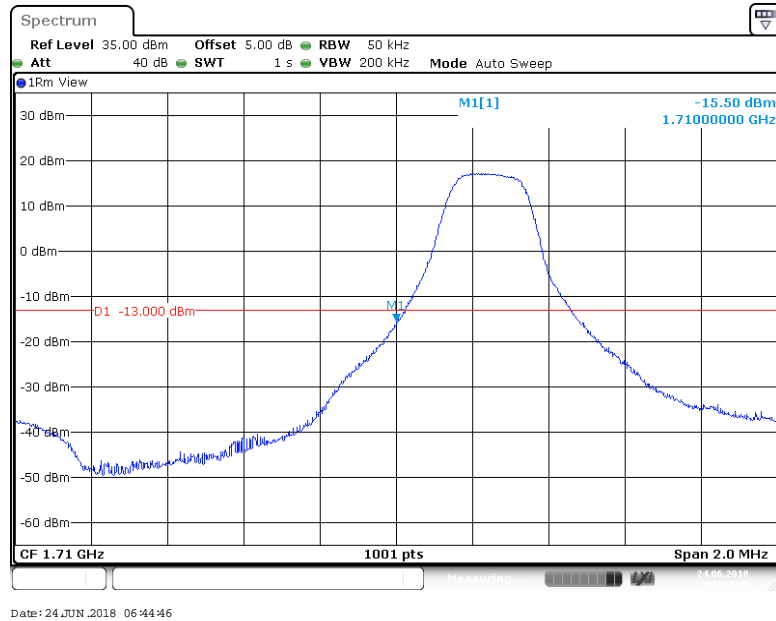
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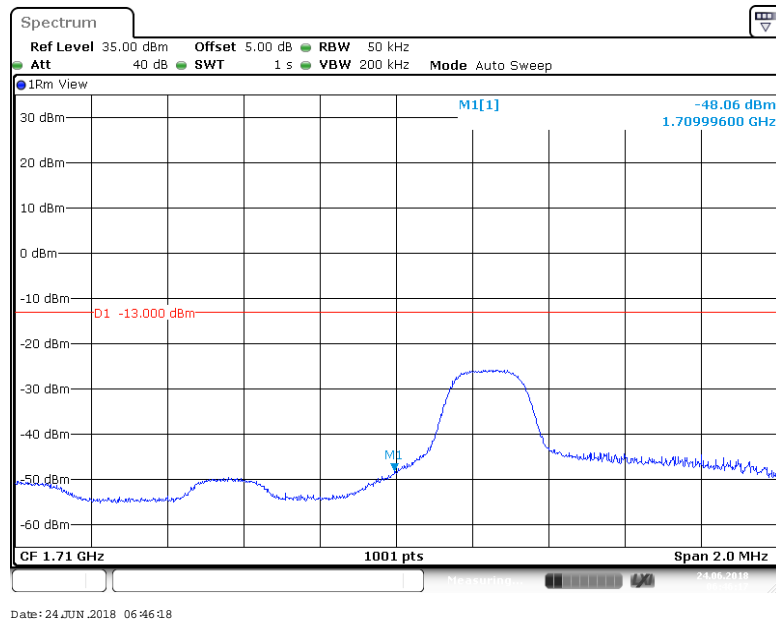
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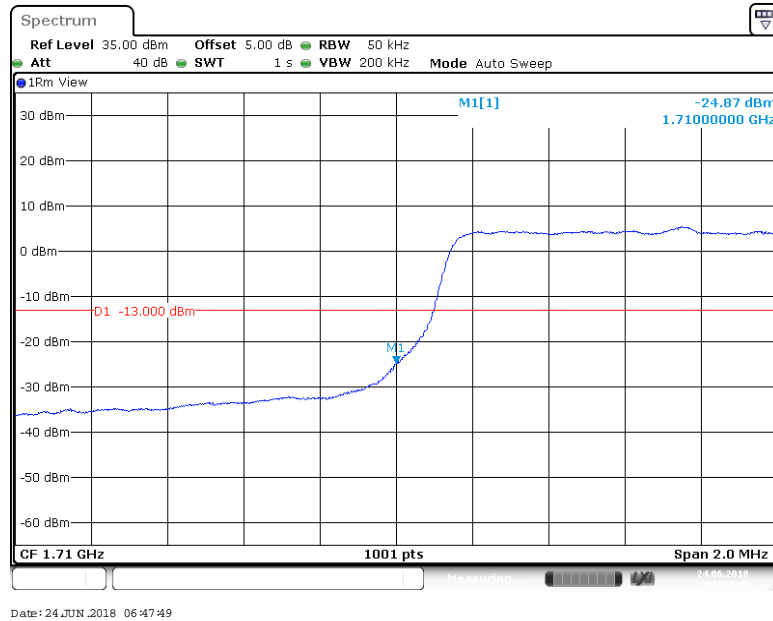
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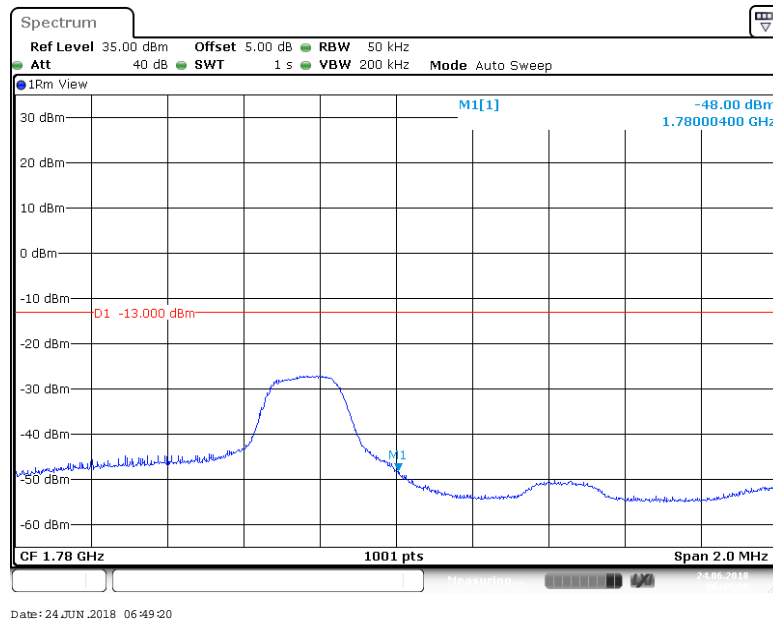
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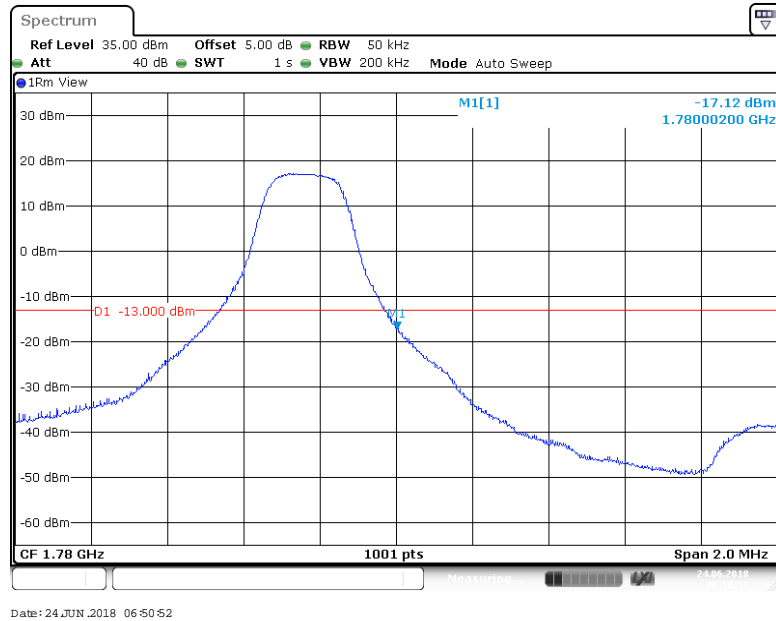
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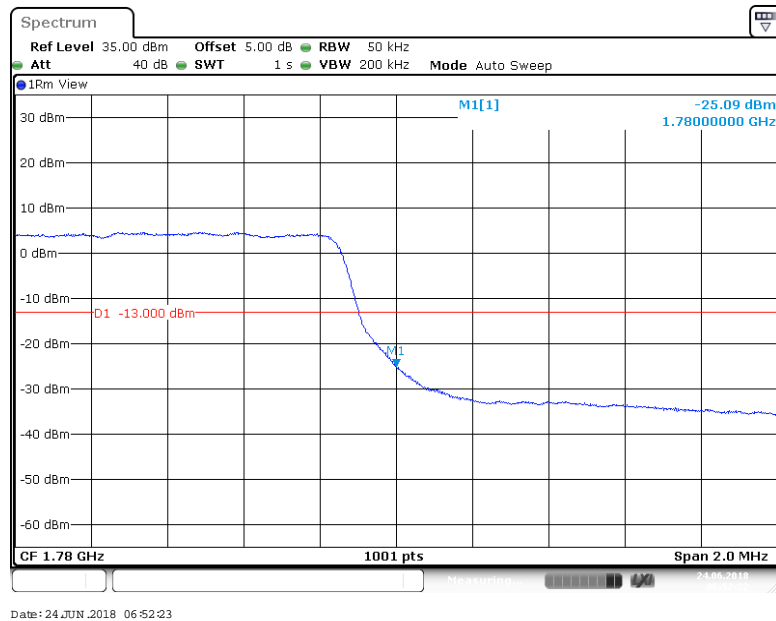
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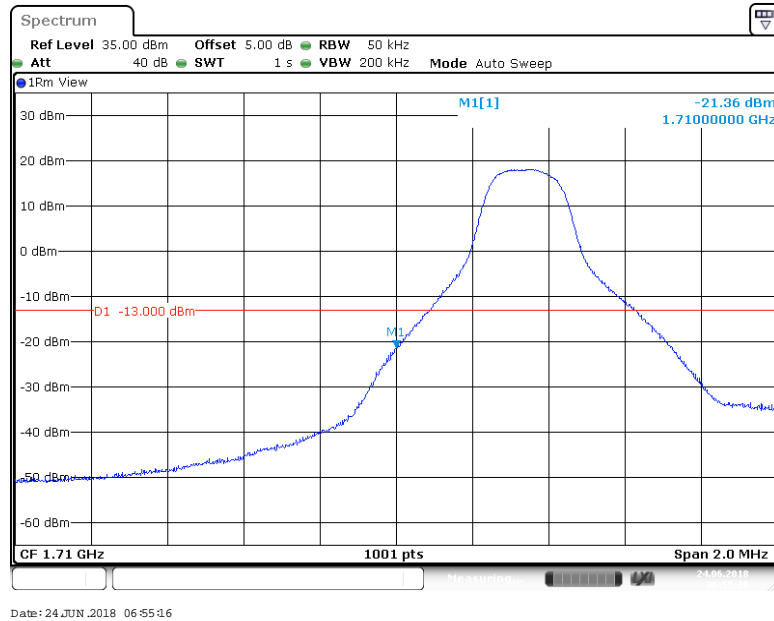
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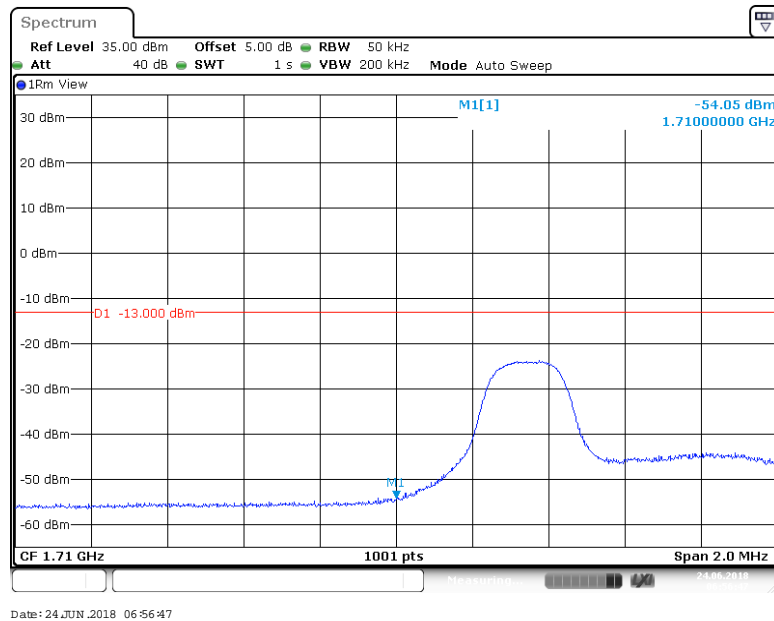
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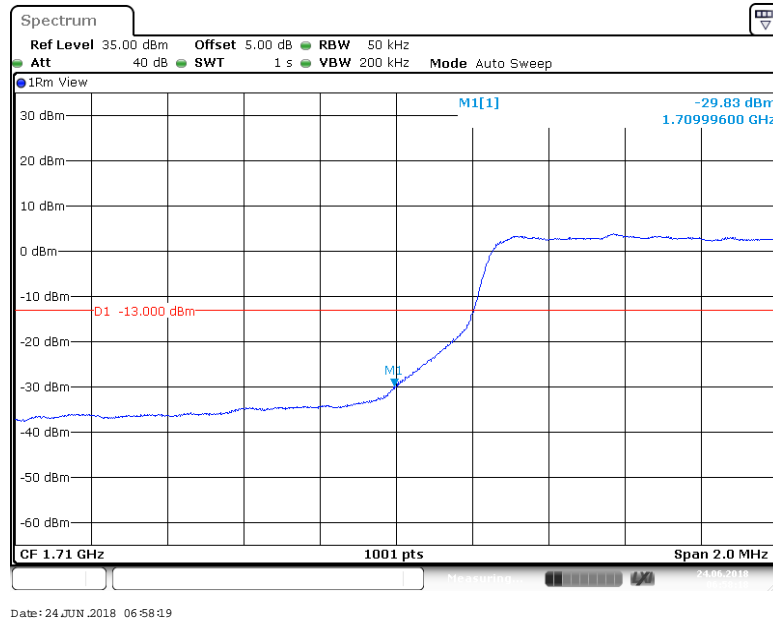
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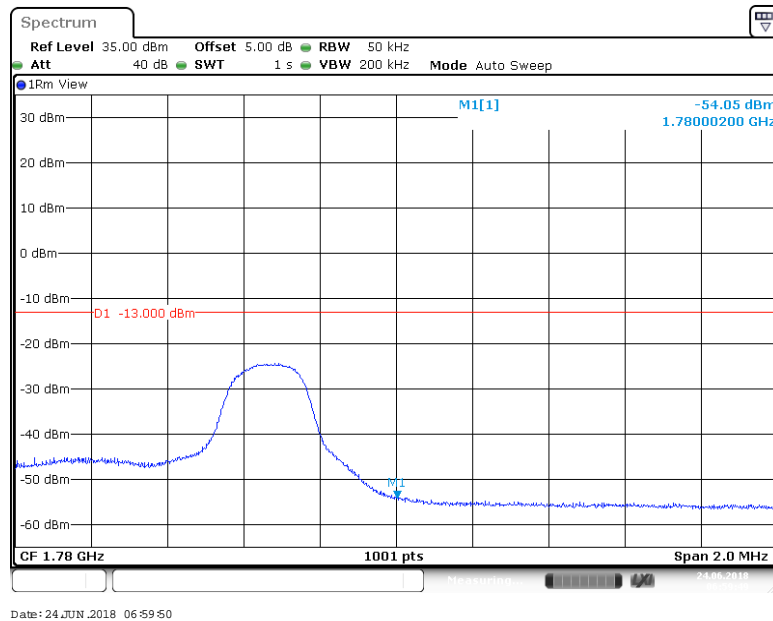
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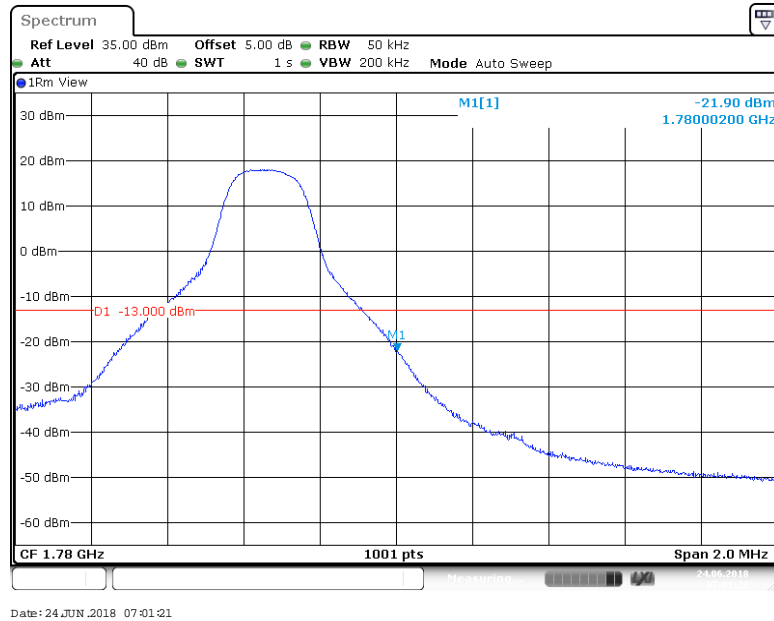
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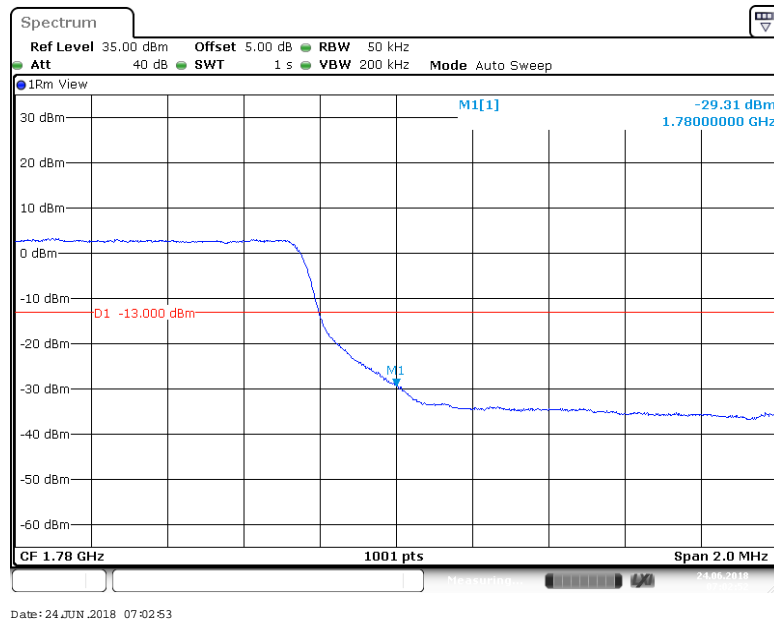
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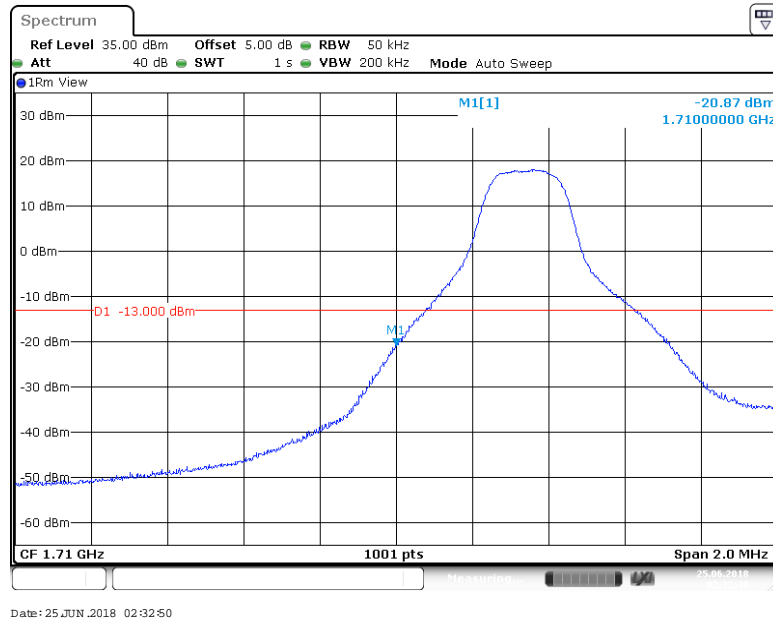
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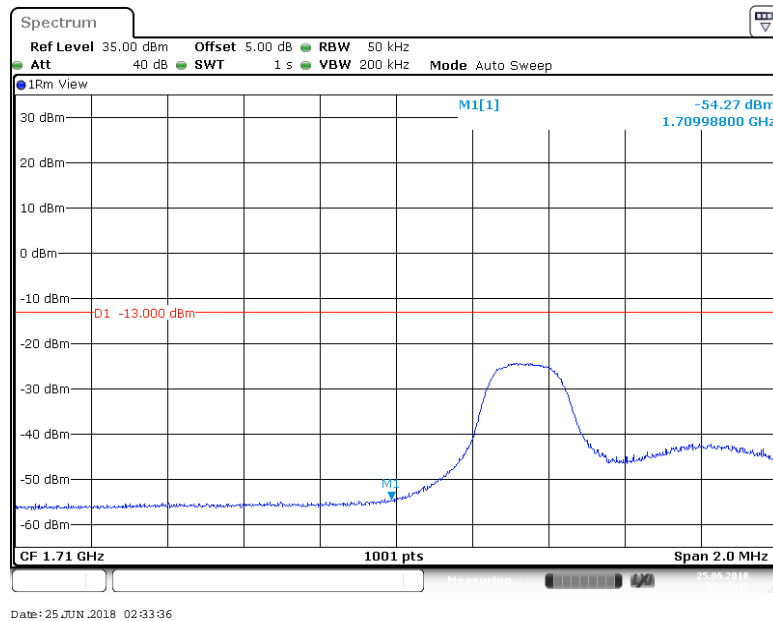
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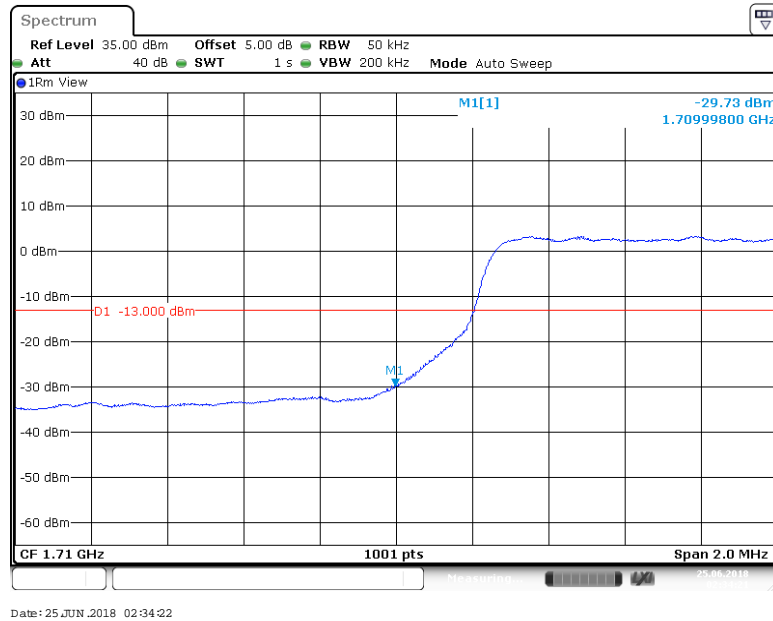
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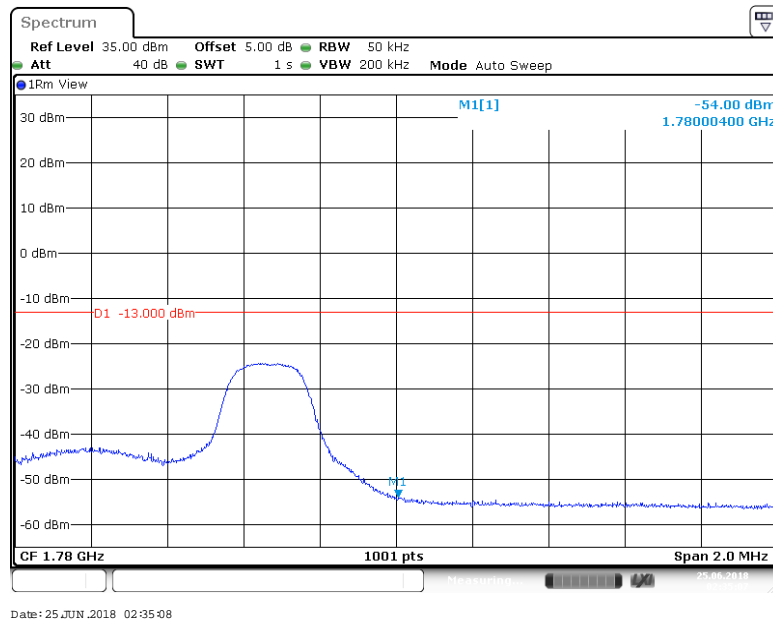
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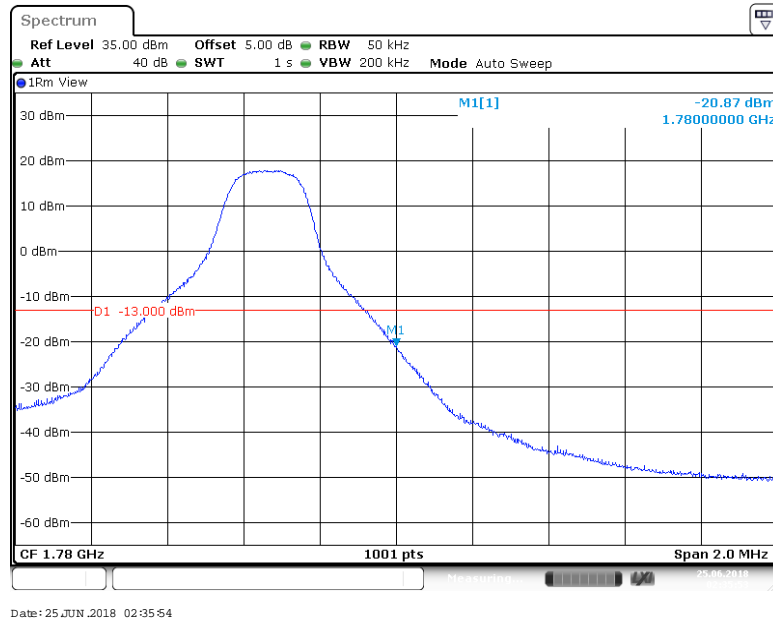
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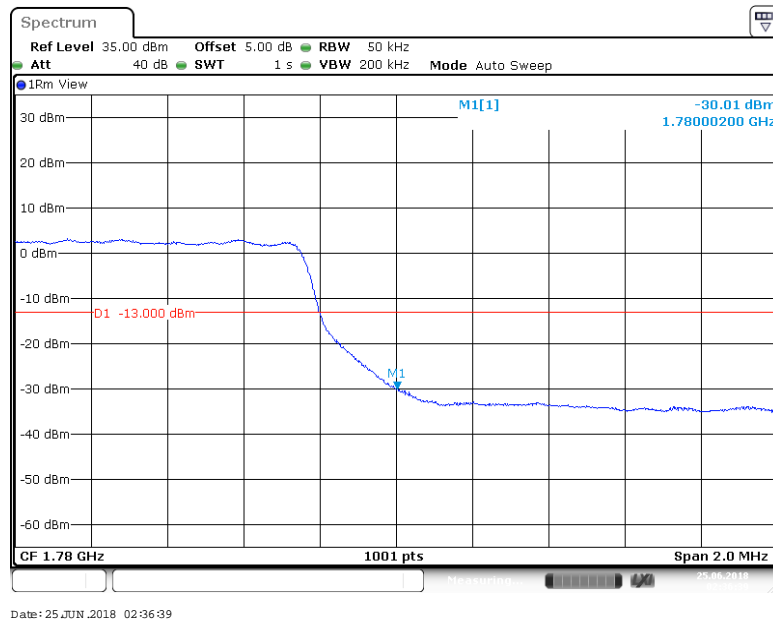
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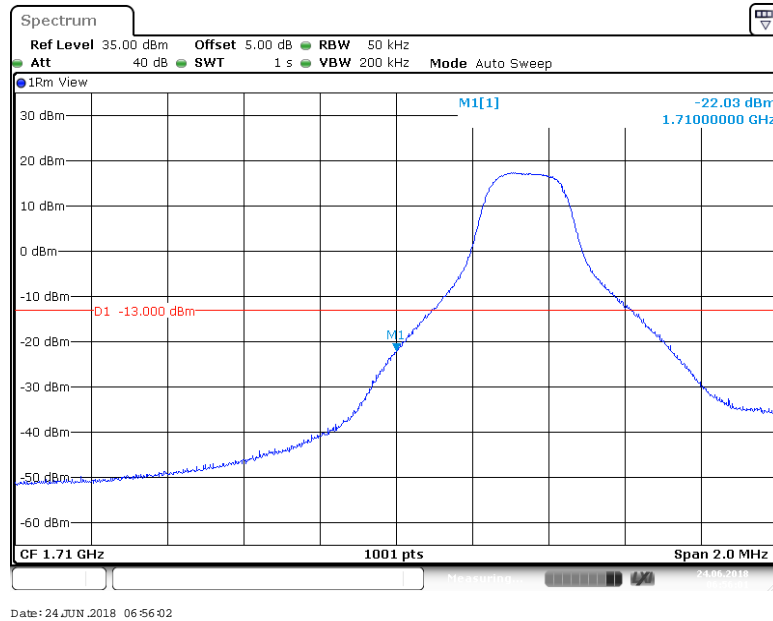
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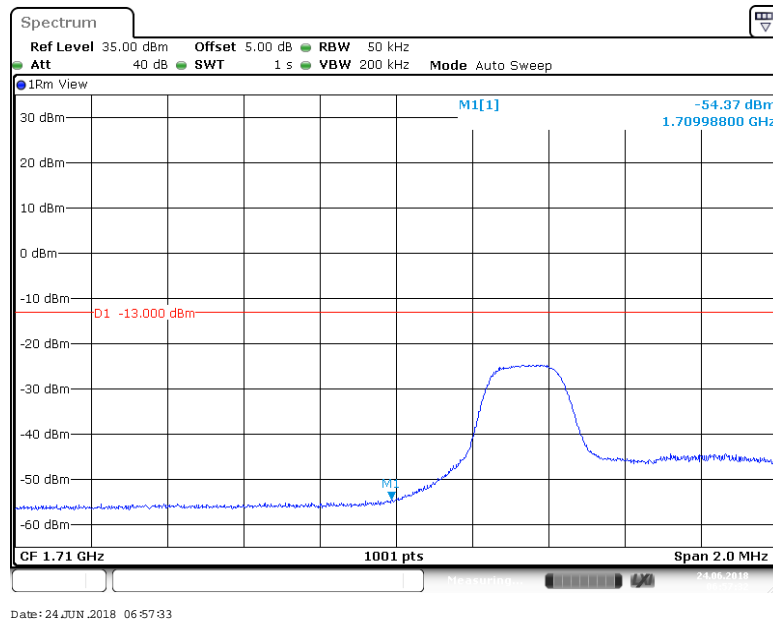
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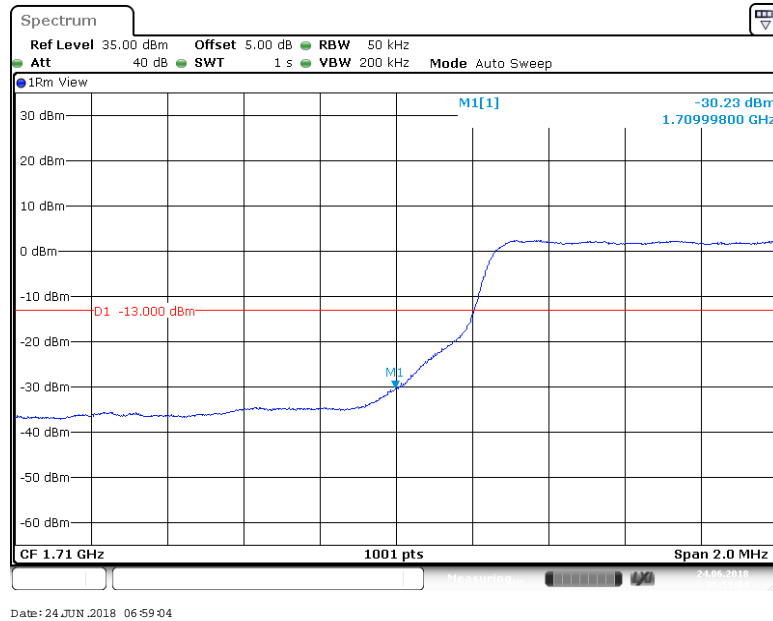
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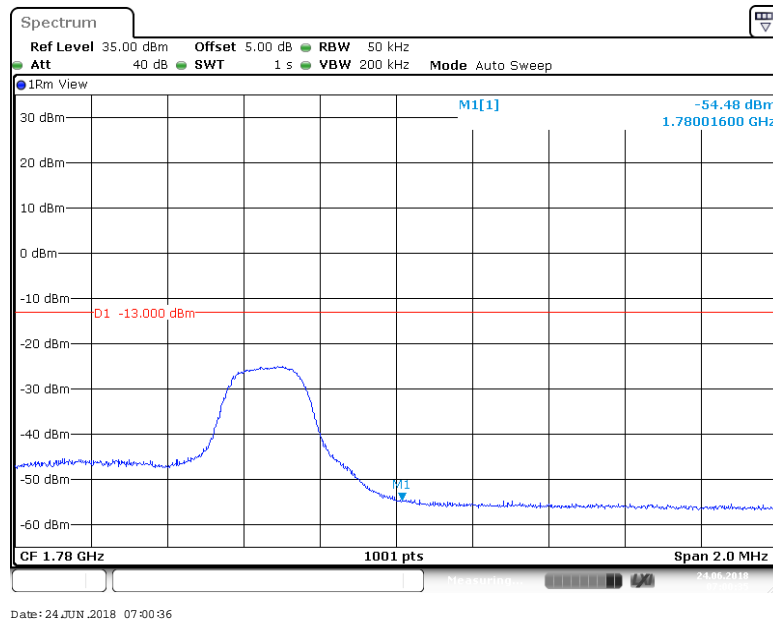
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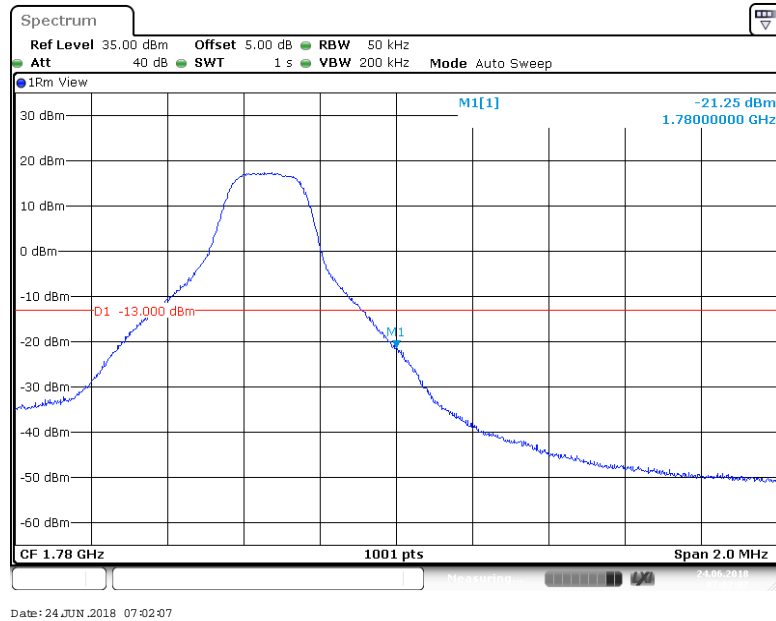
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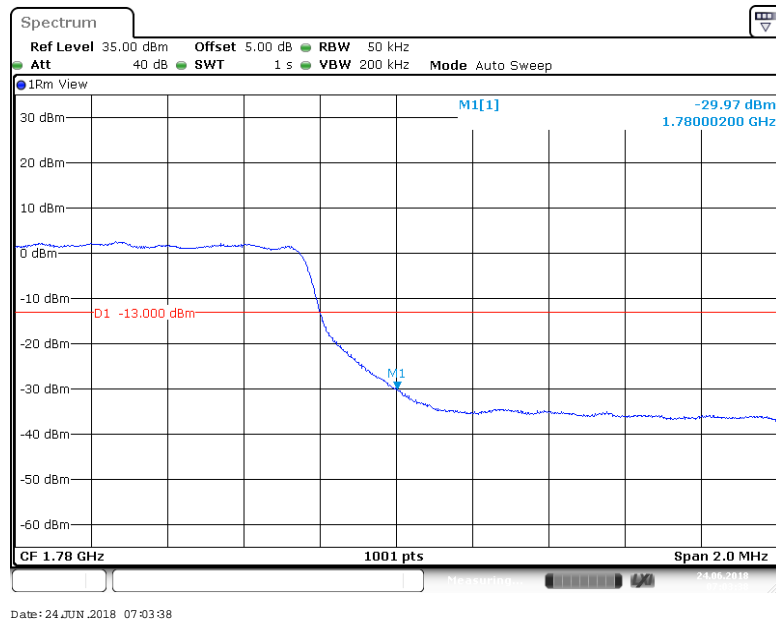
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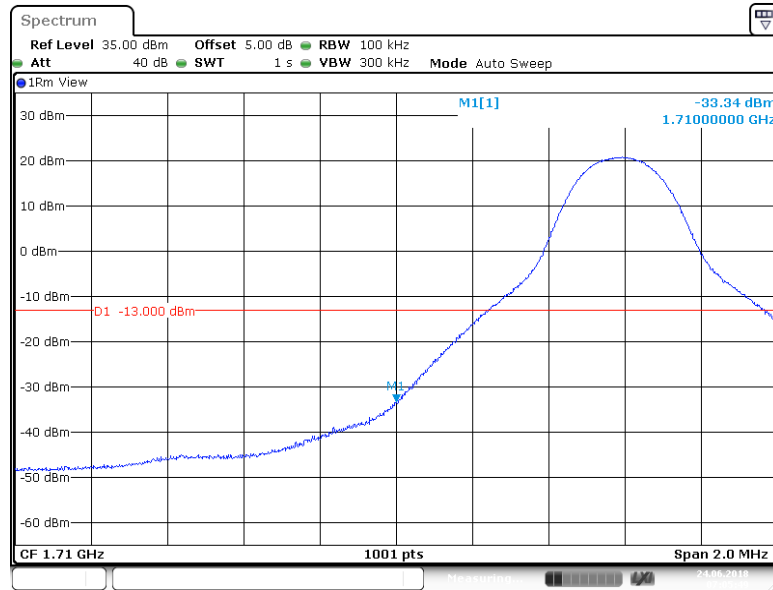
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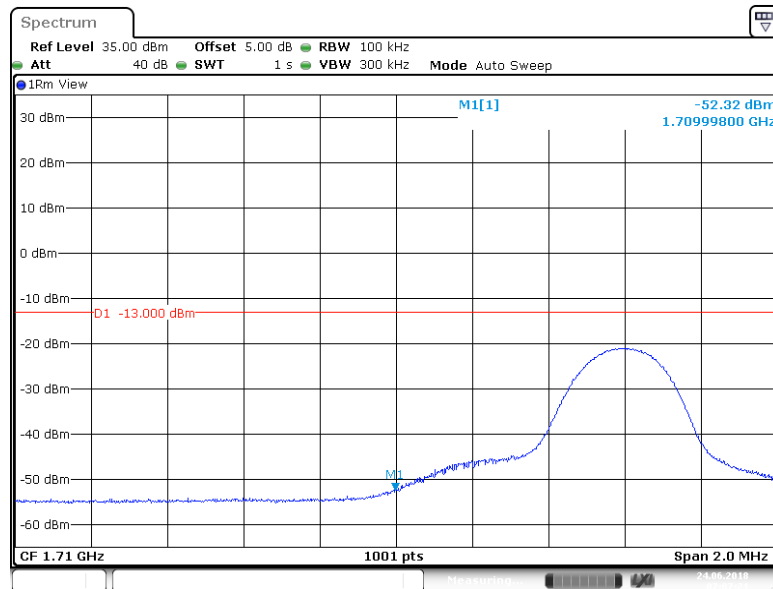
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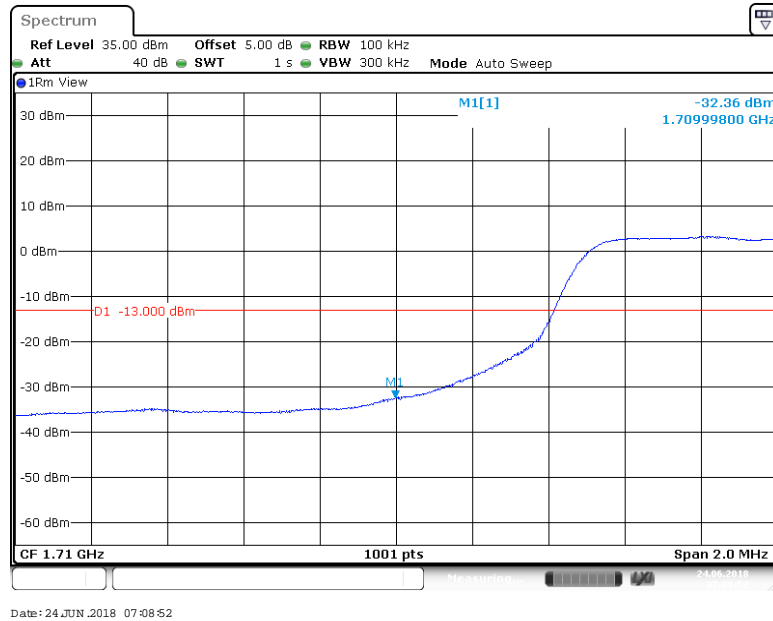
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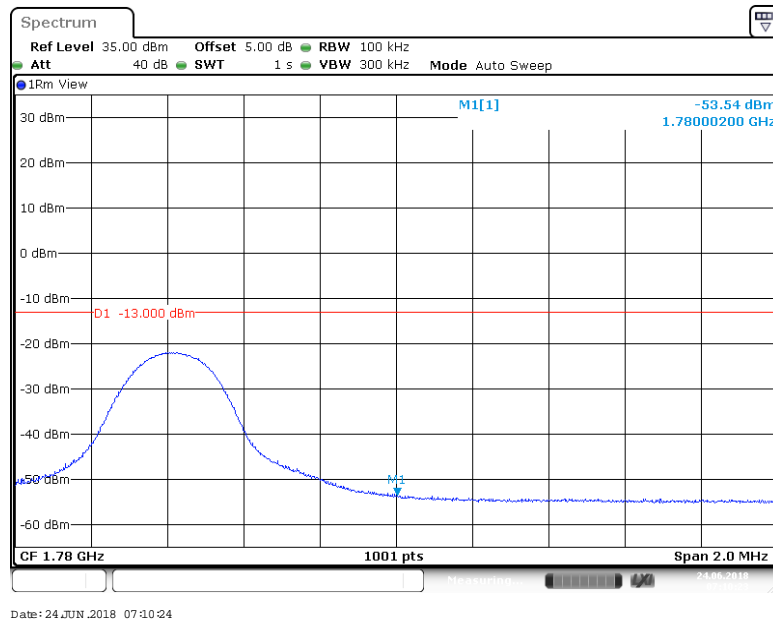
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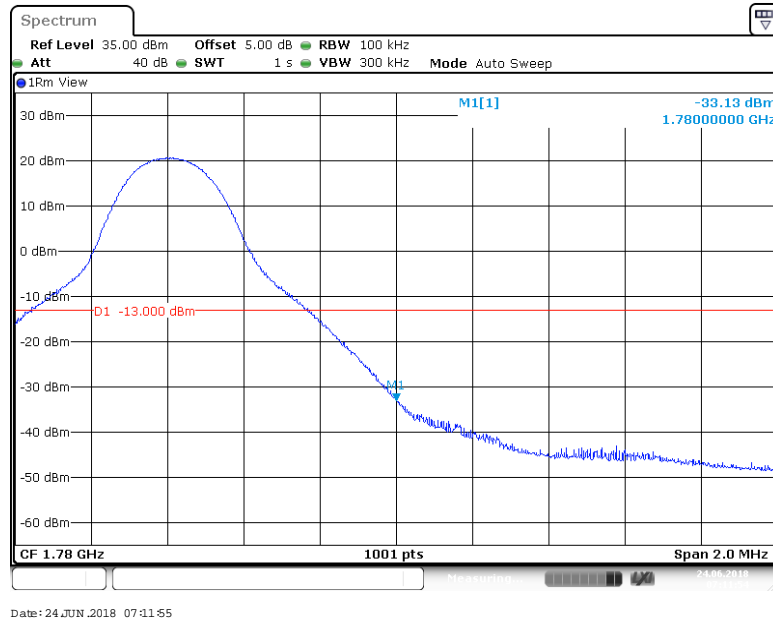
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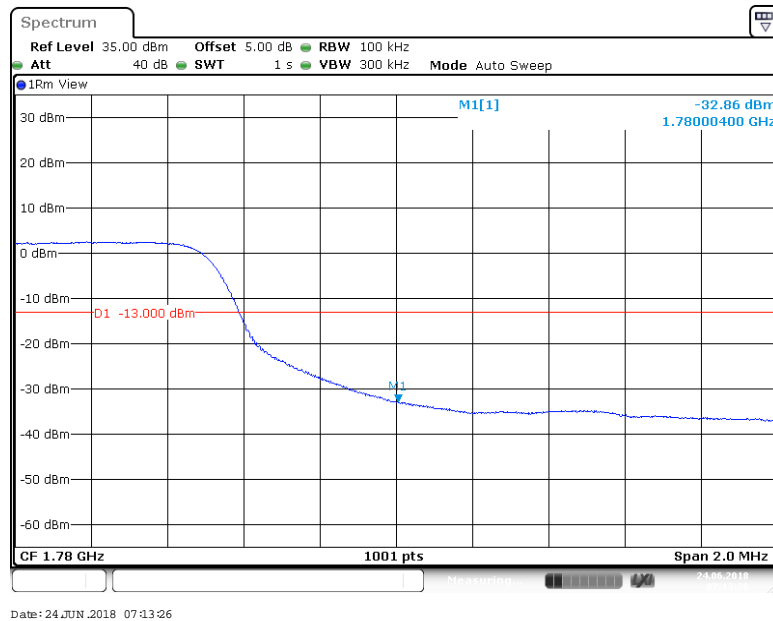
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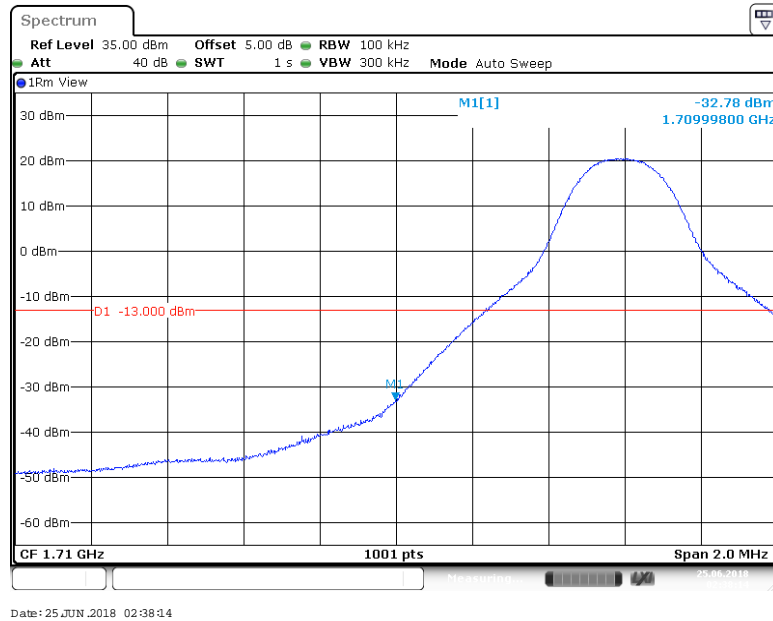
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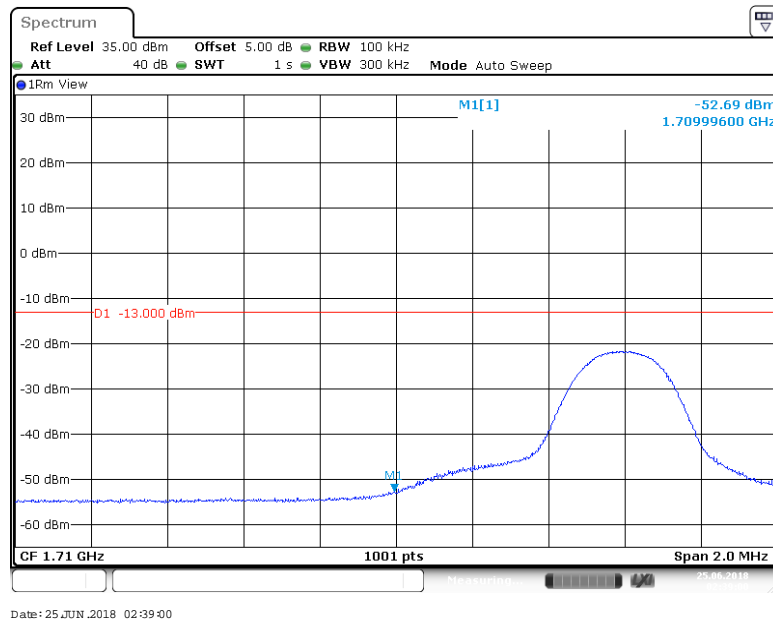
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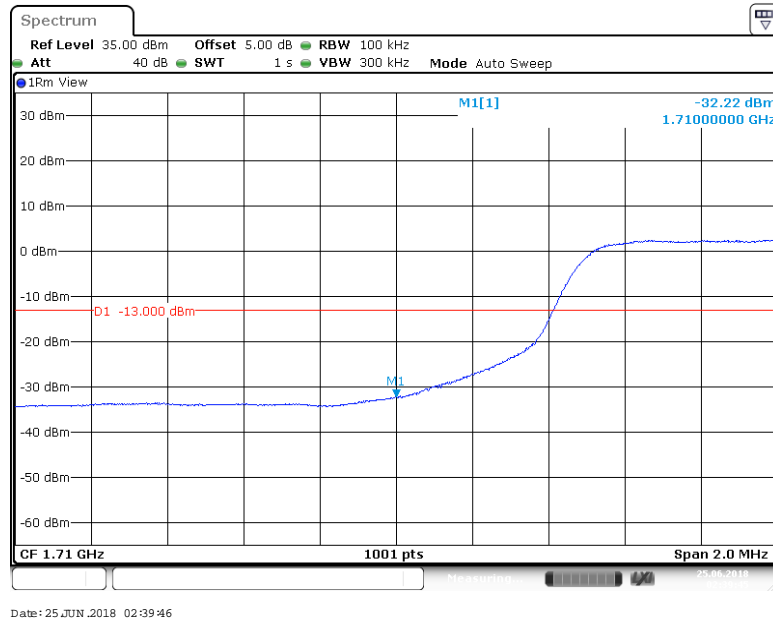
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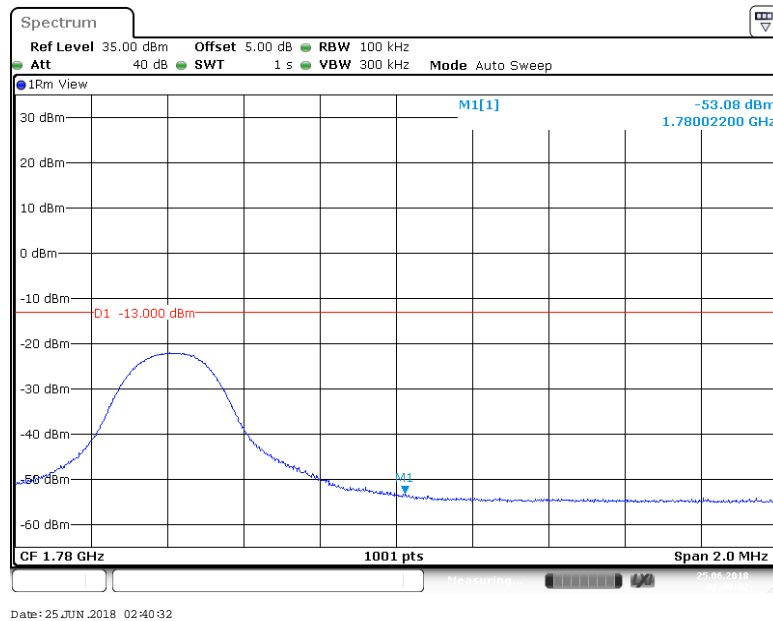
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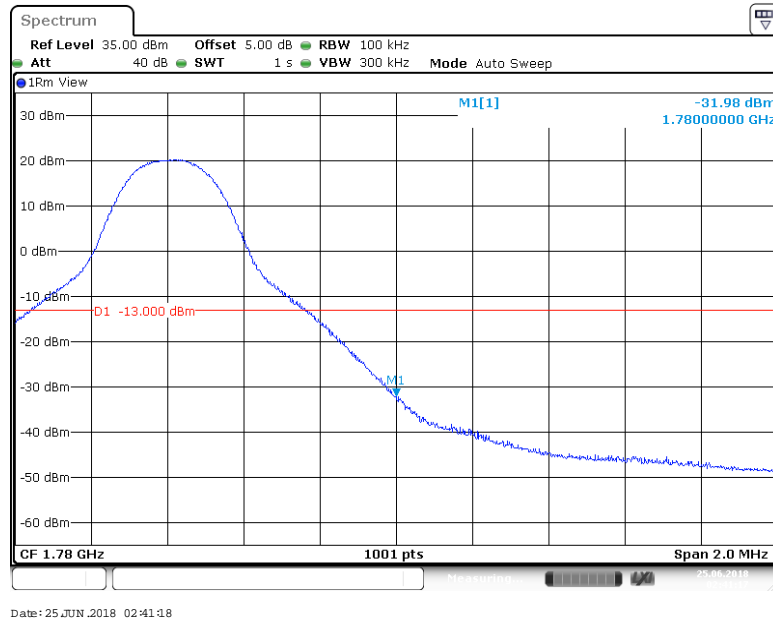
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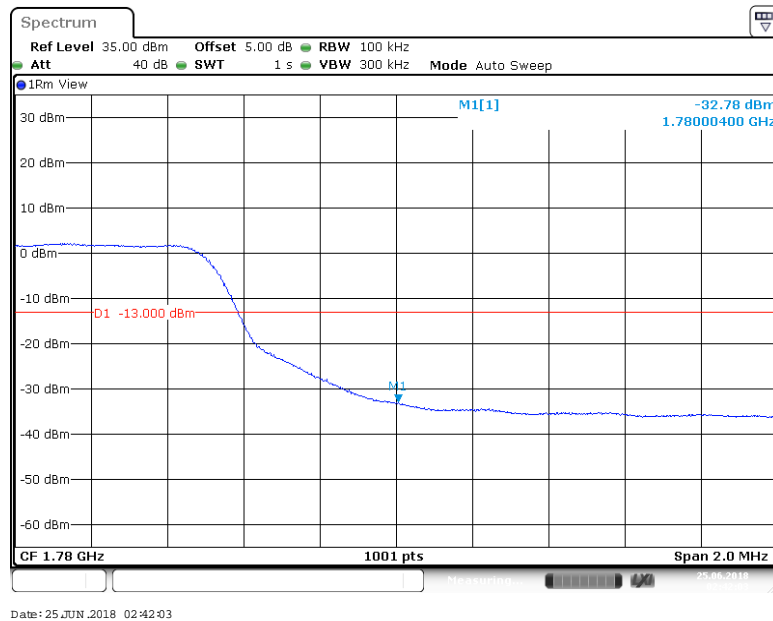
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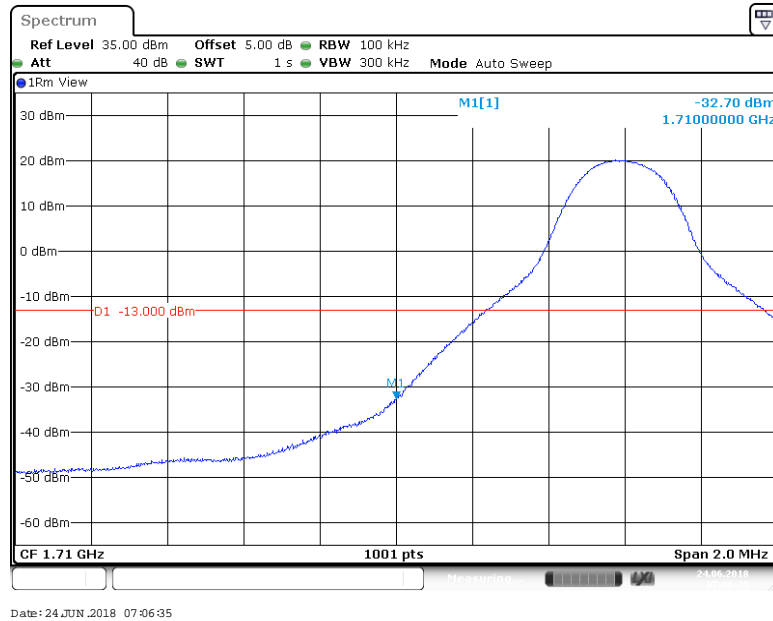
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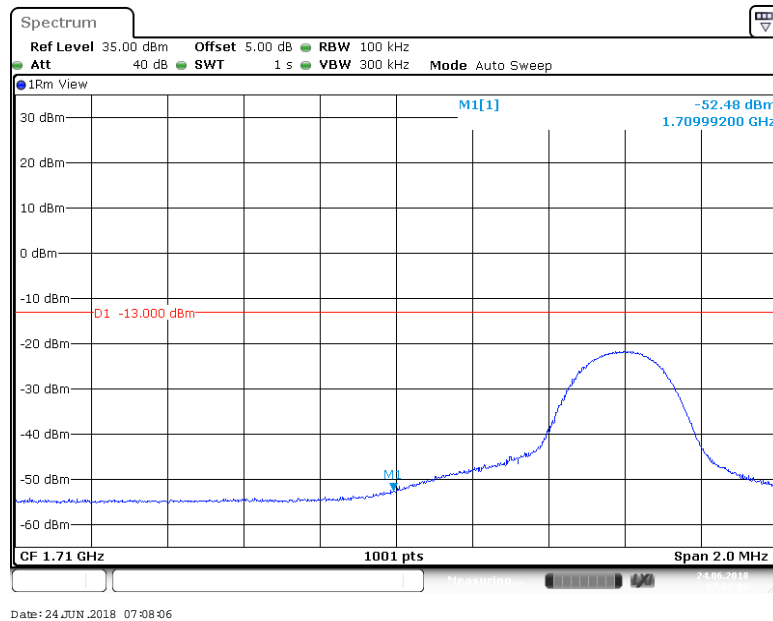
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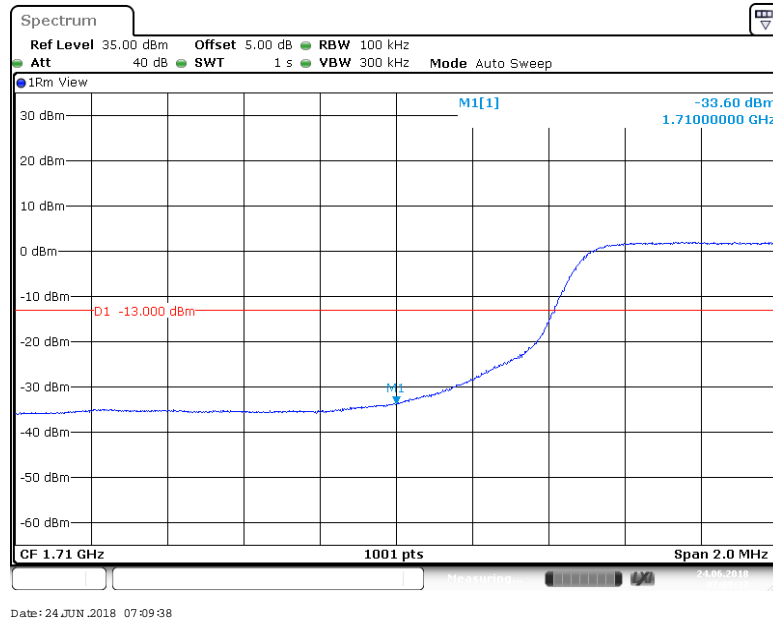
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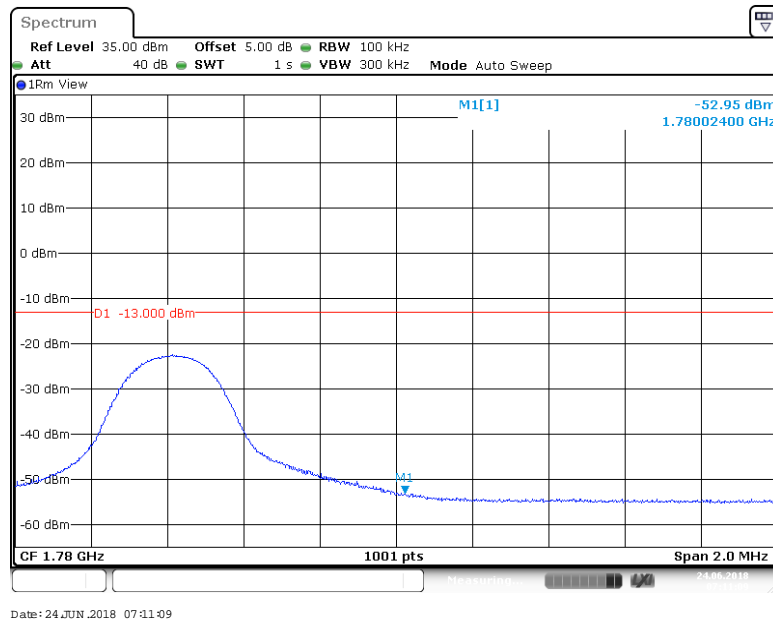
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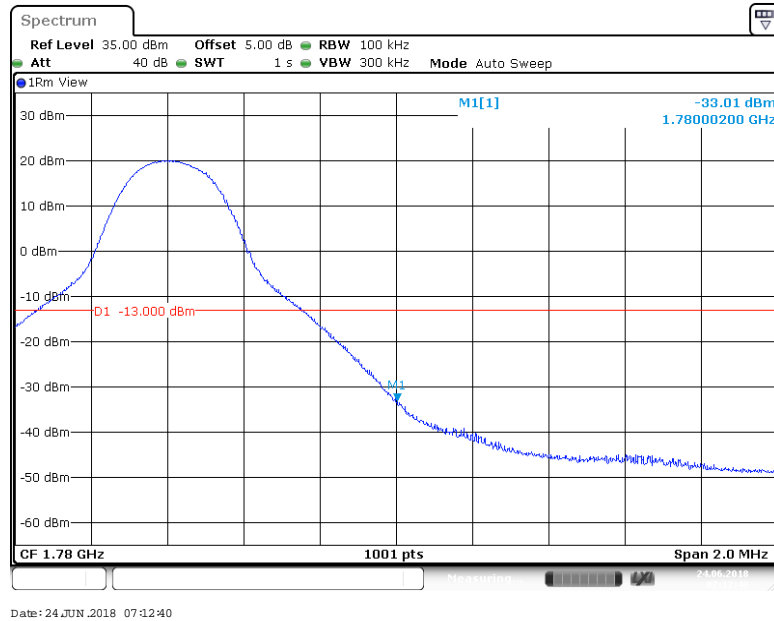
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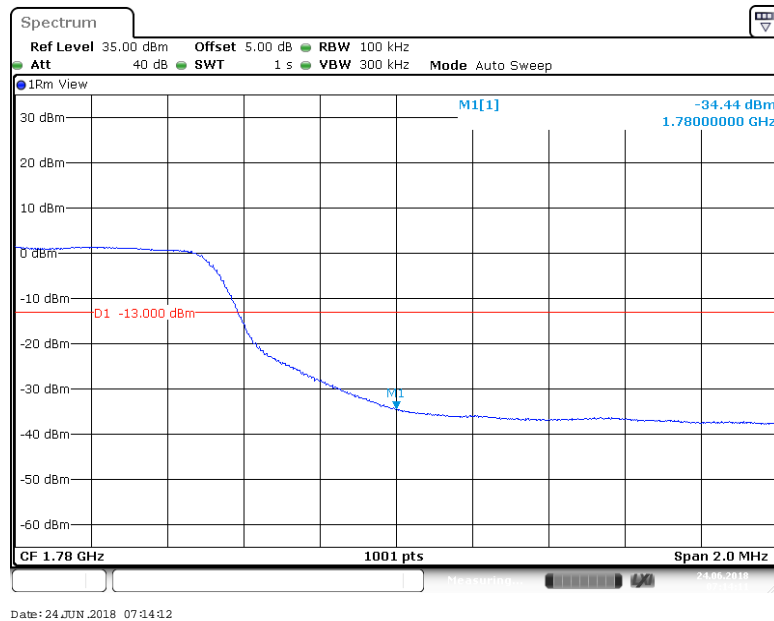
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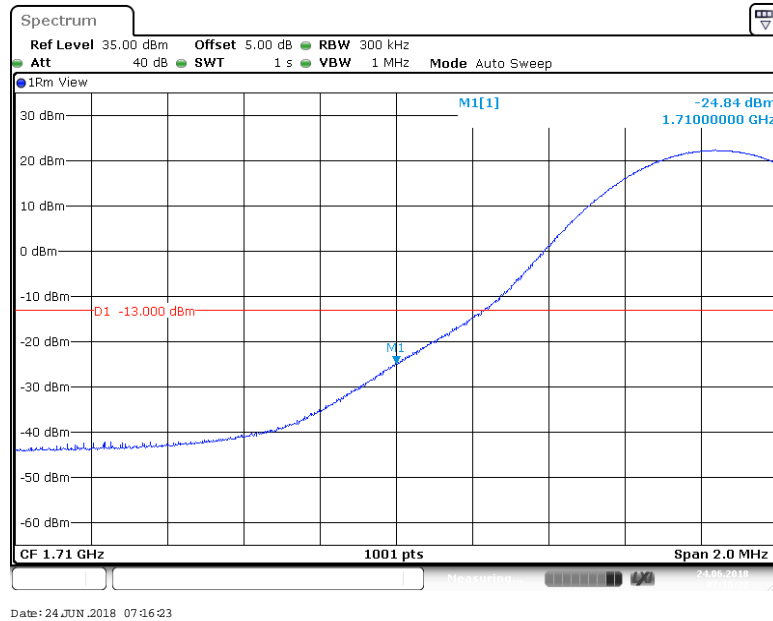
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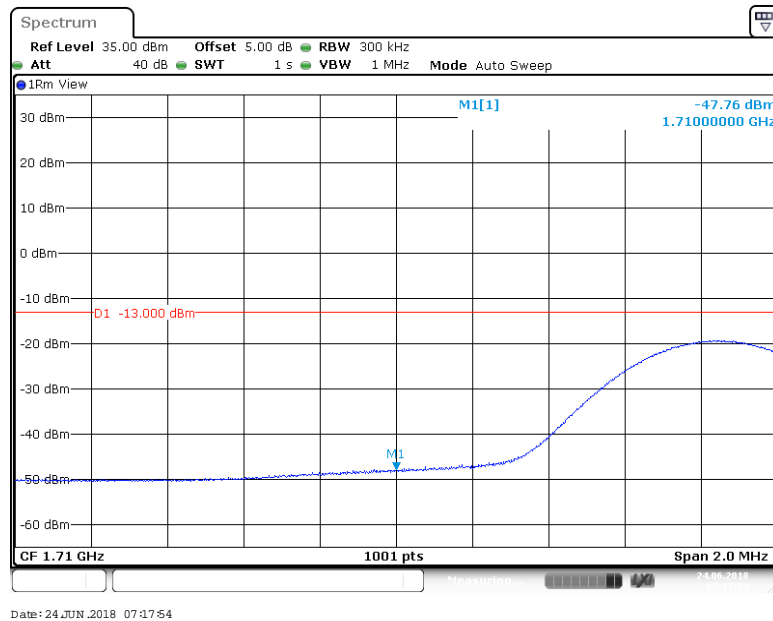
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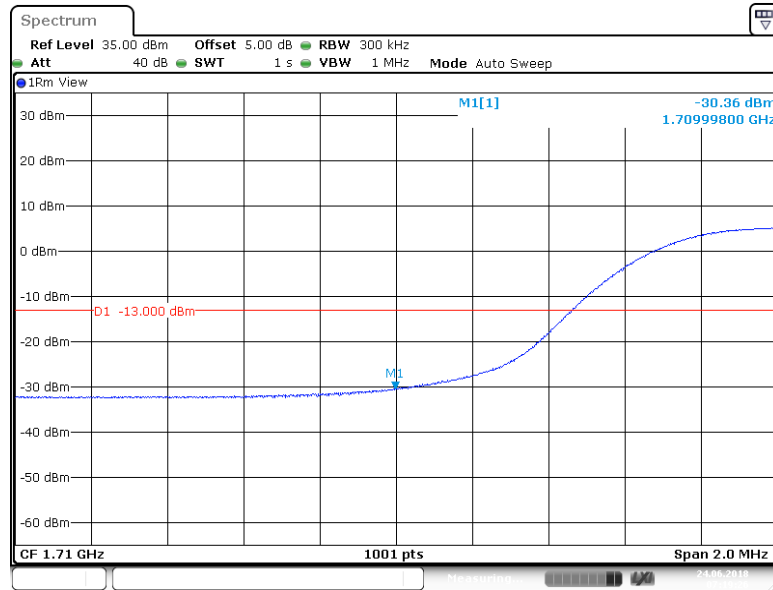
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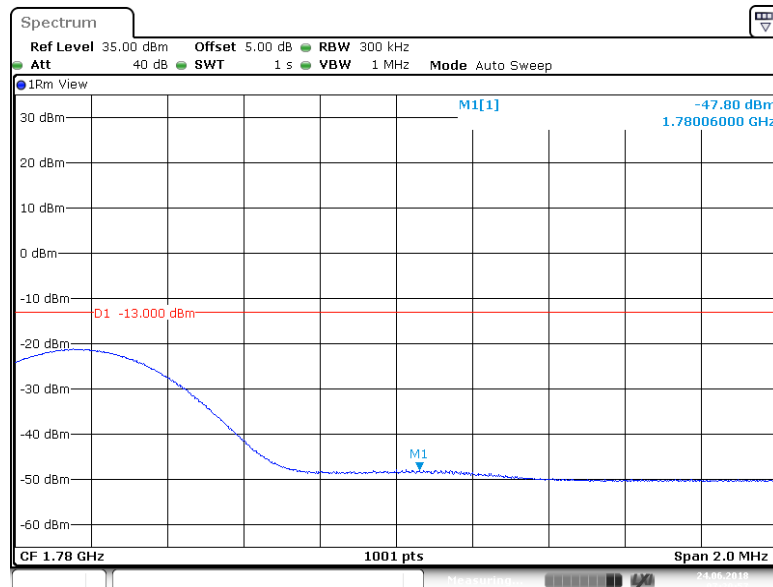
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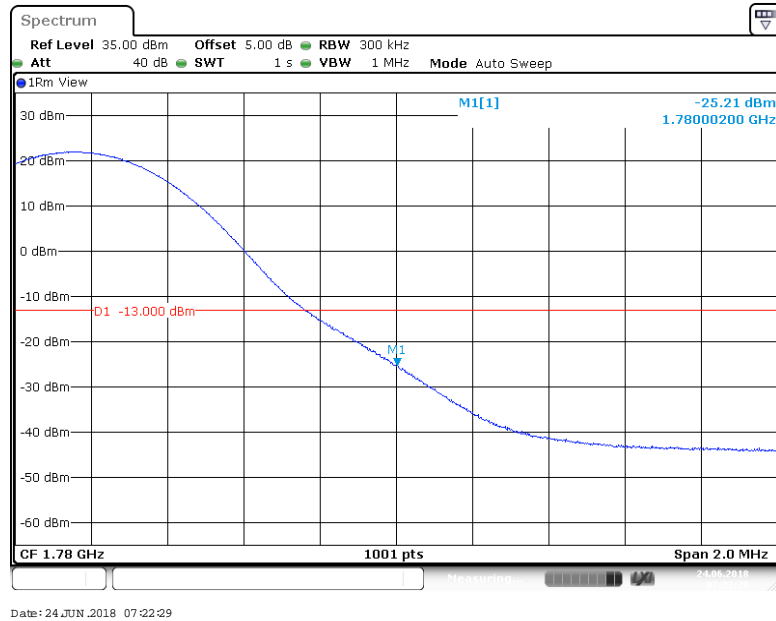
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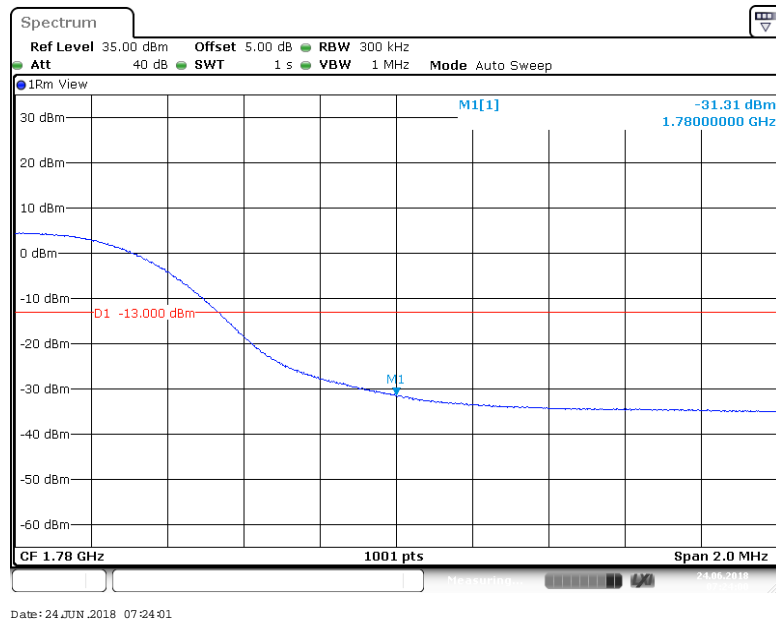
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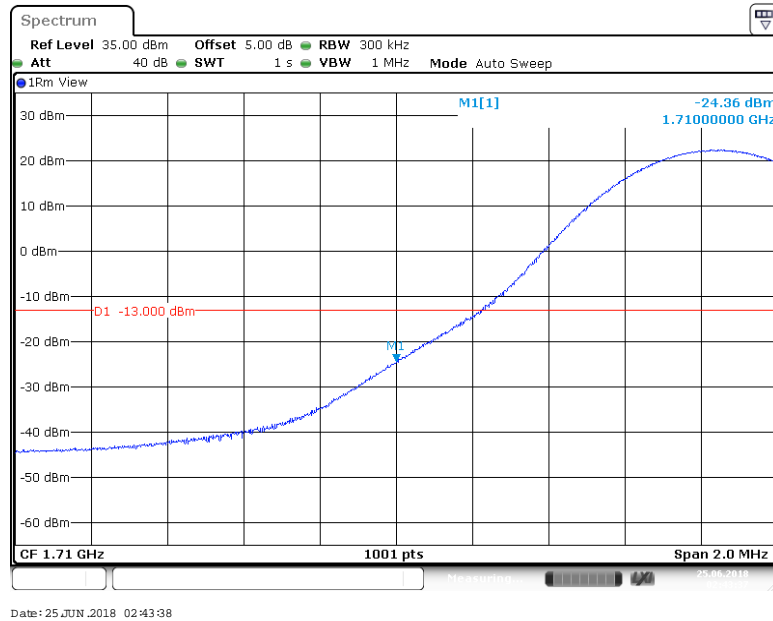
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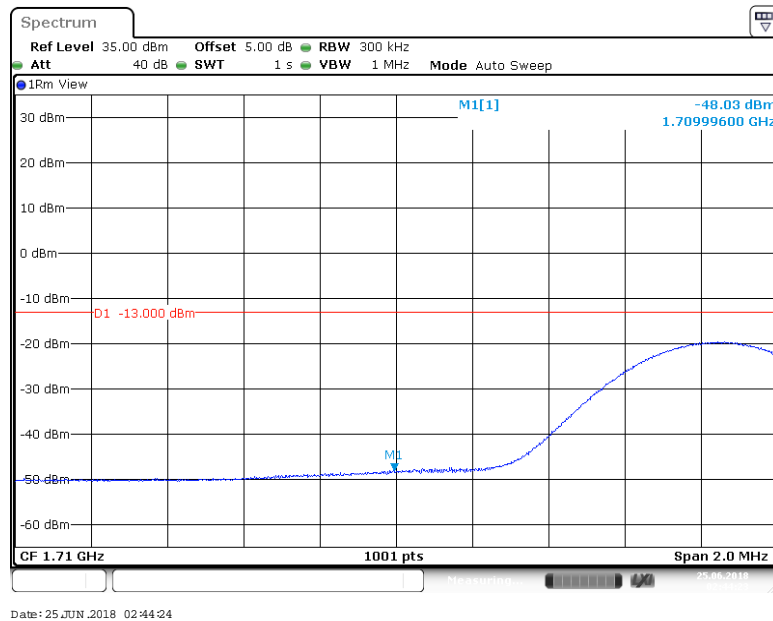
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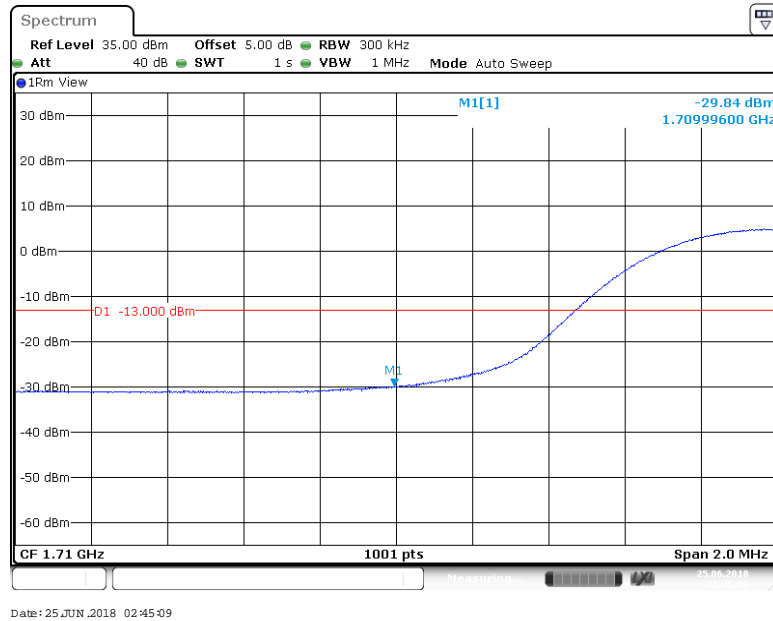
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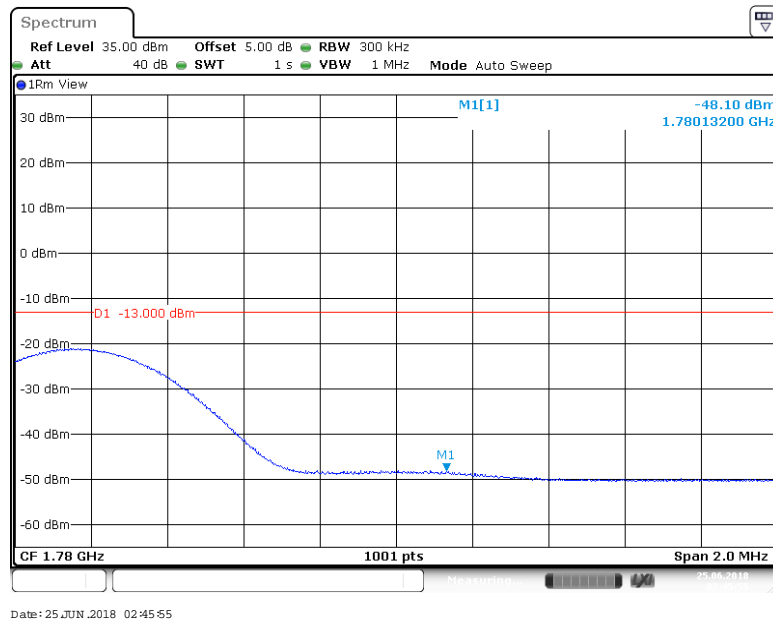
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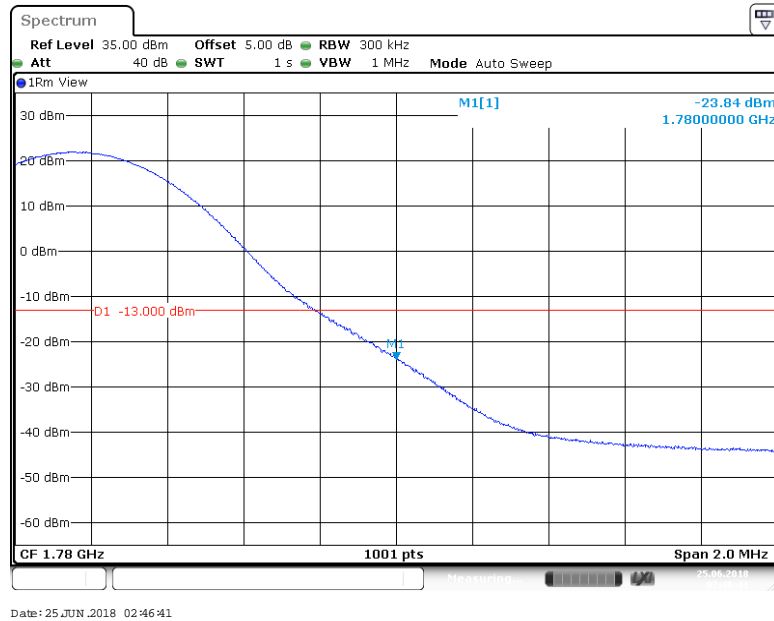
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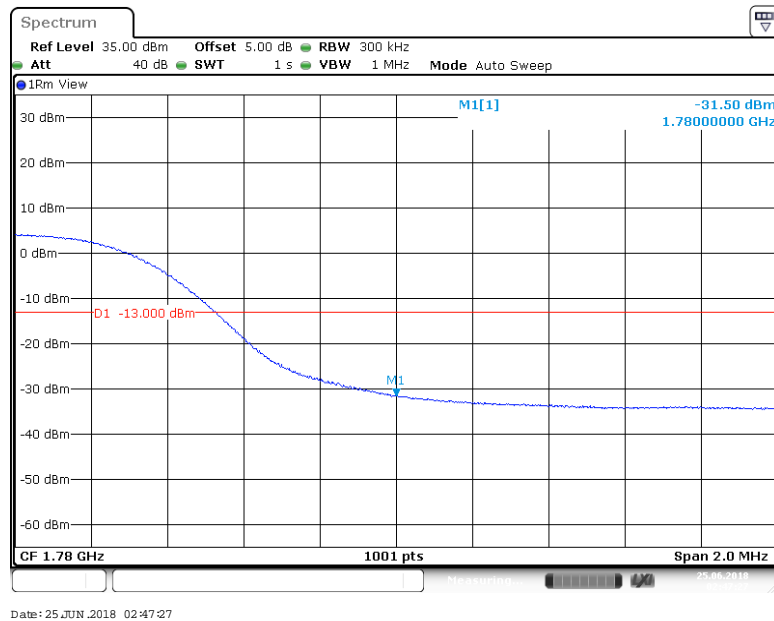
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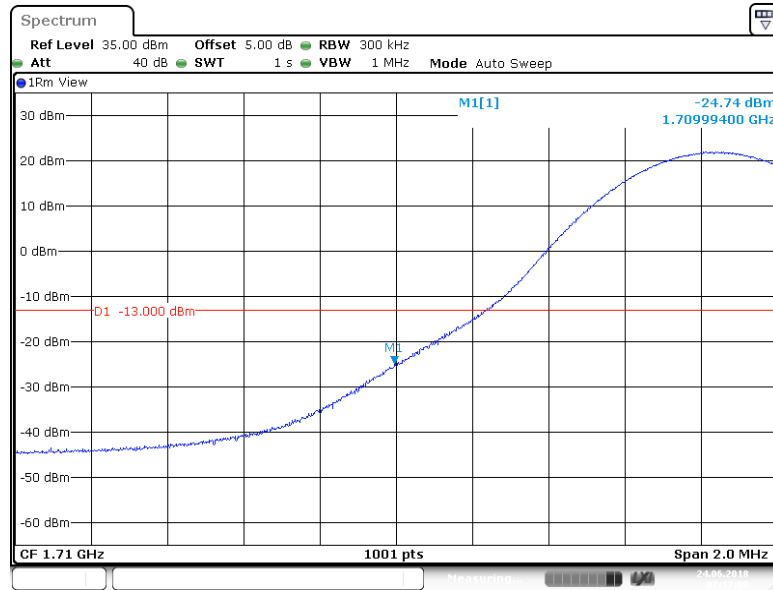
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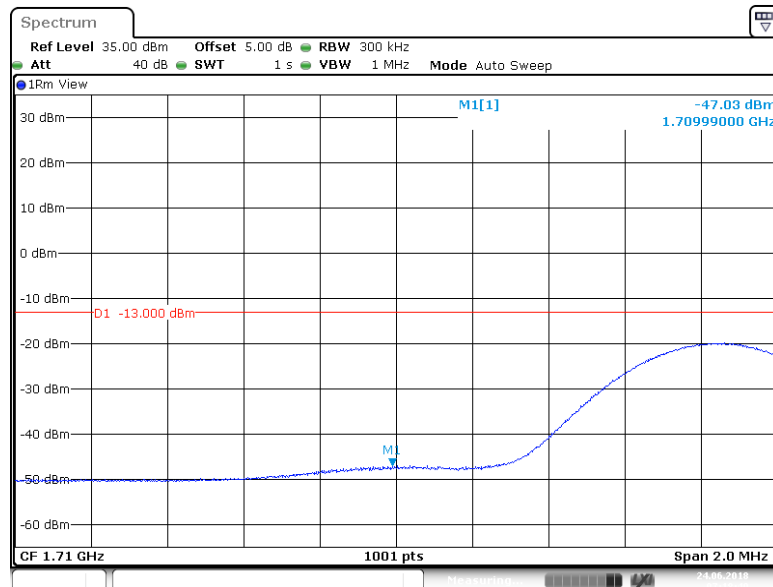
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Date: 24 JUN 2018 07:17:09

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Date: 24 JUN 2018 07:18:40

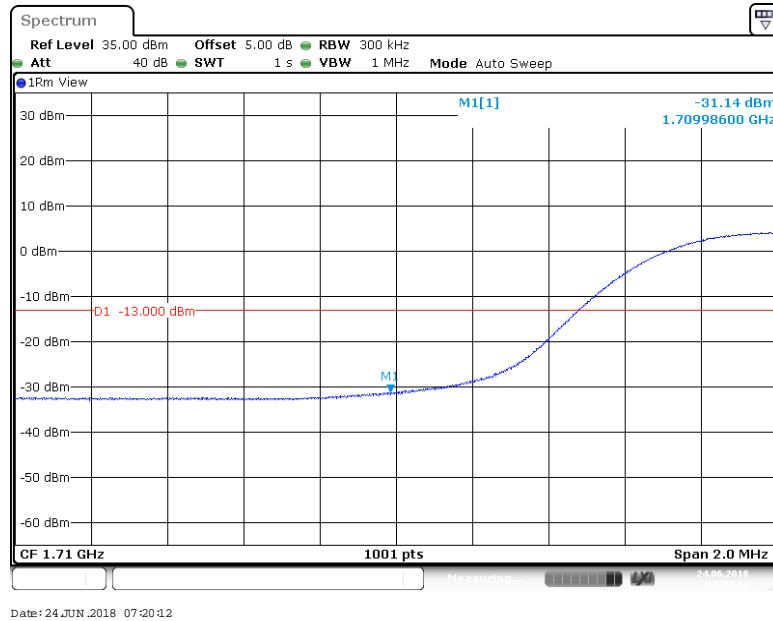
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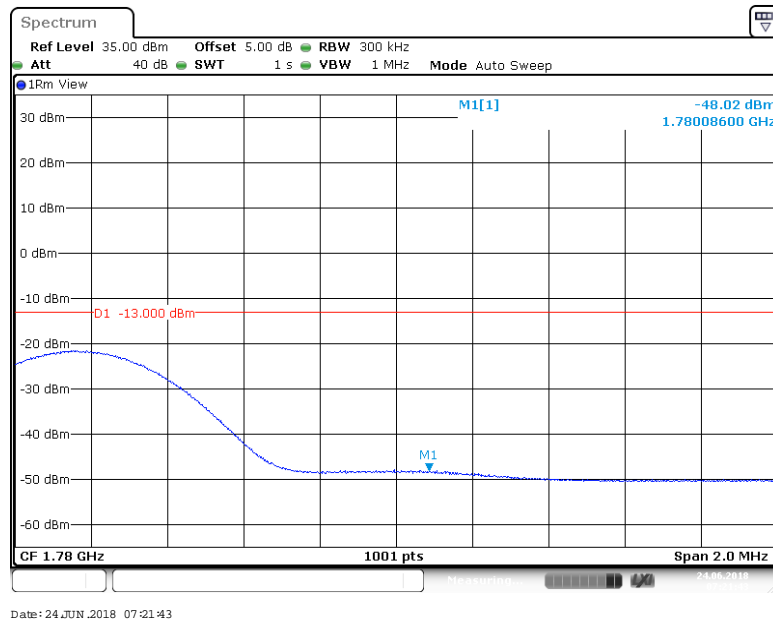
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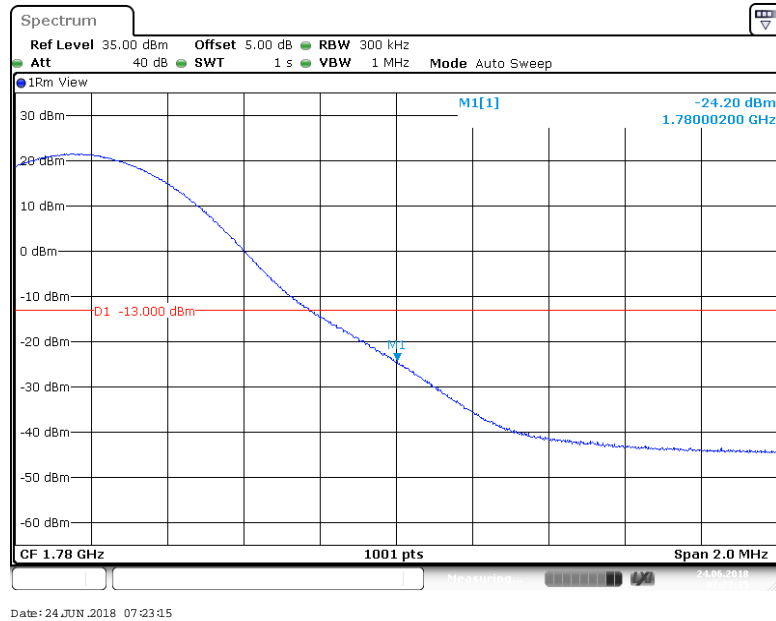
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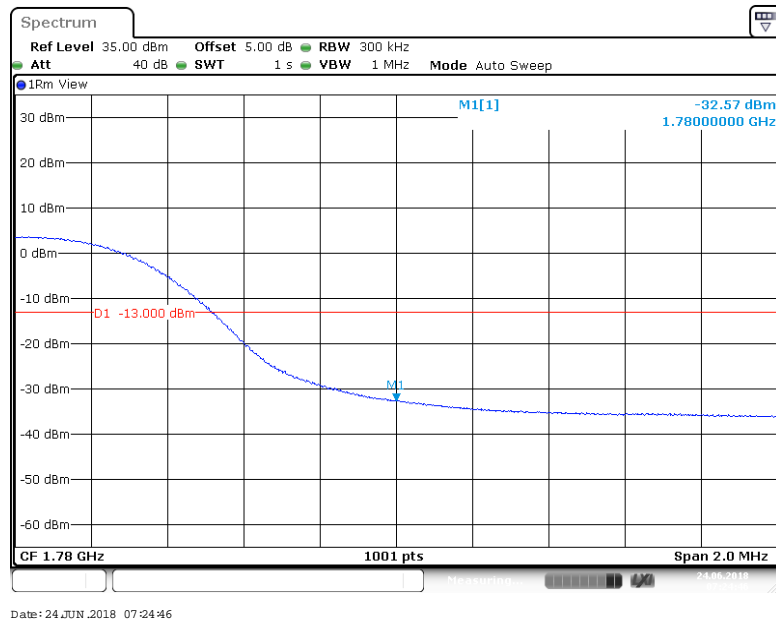
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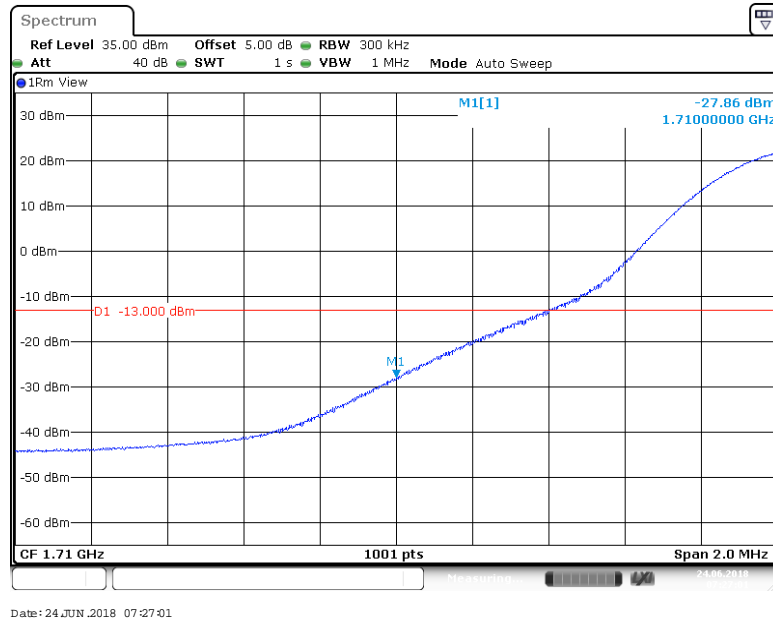
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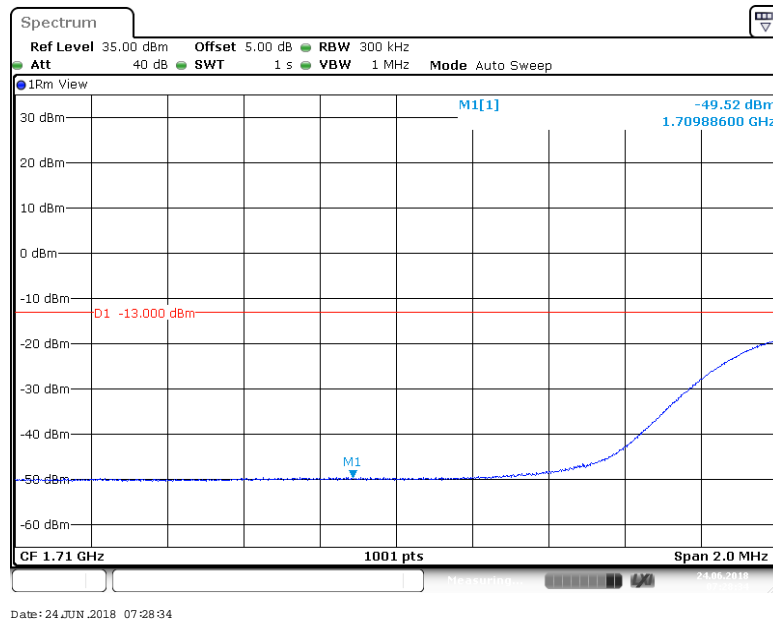
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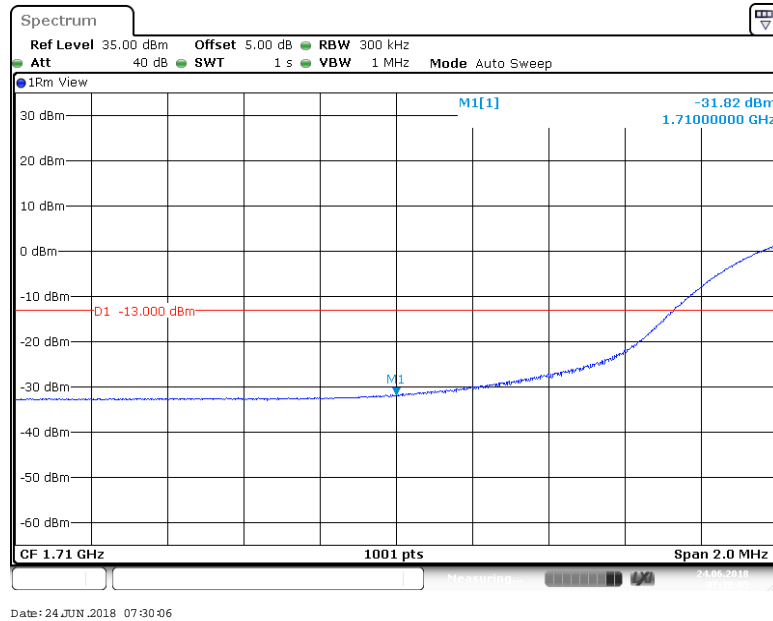
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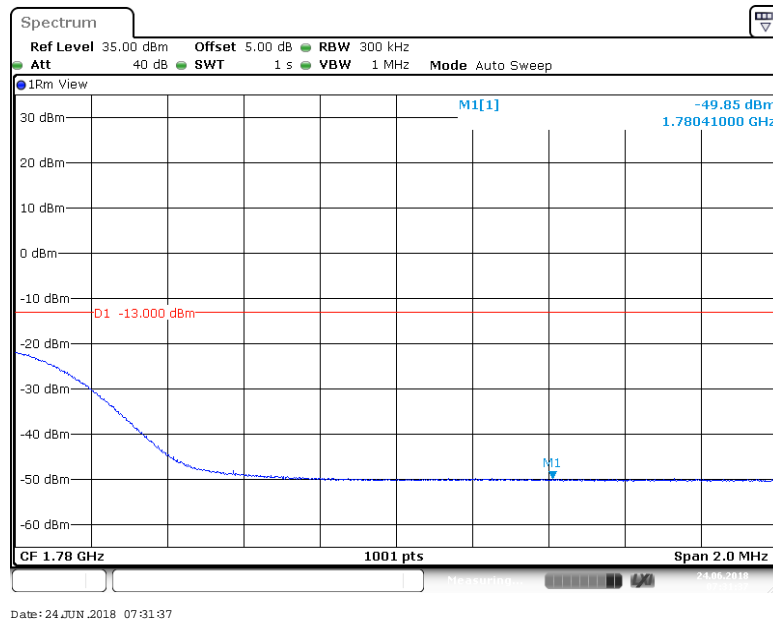
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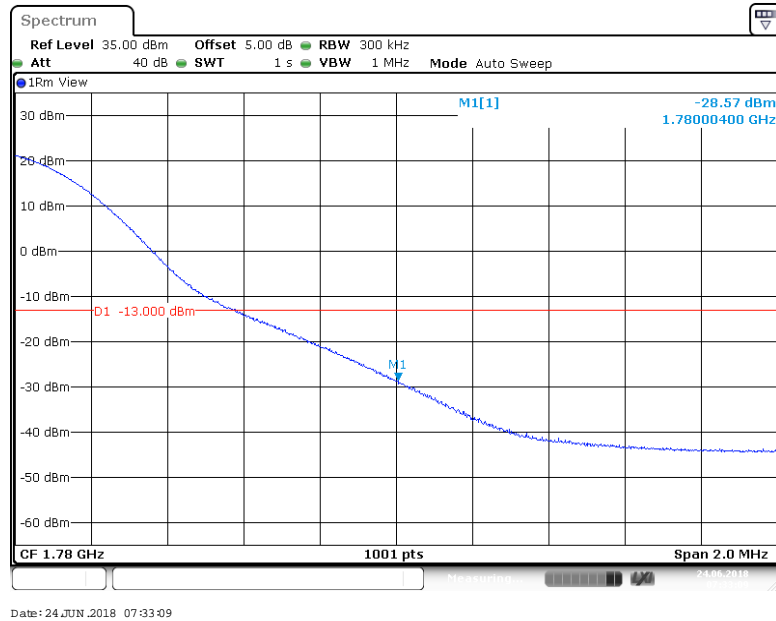
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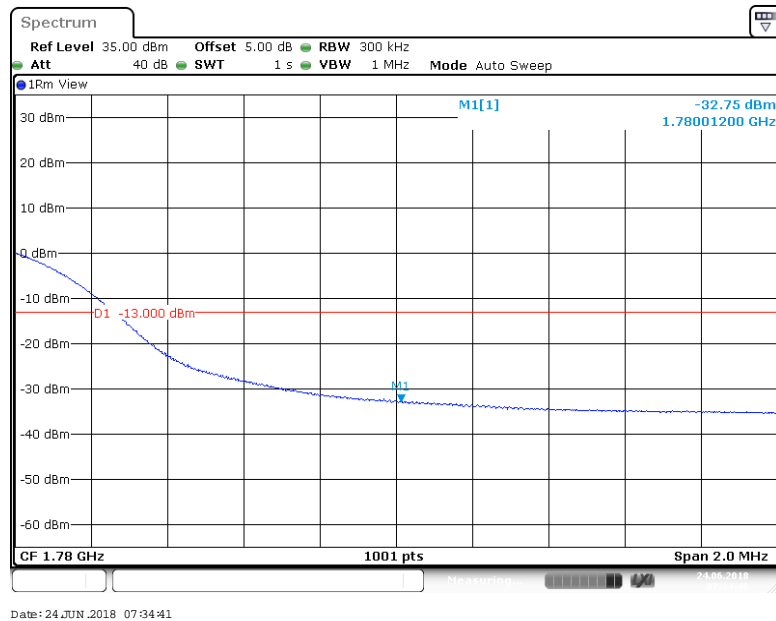
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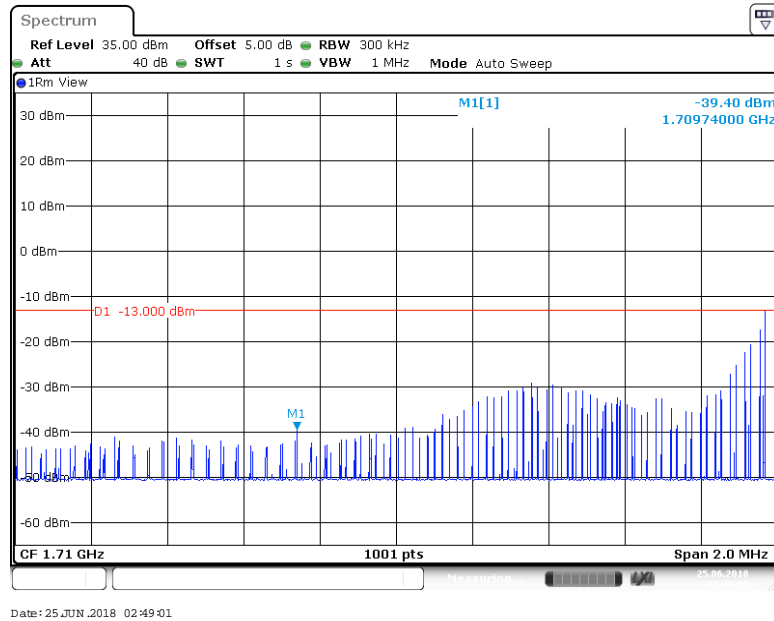
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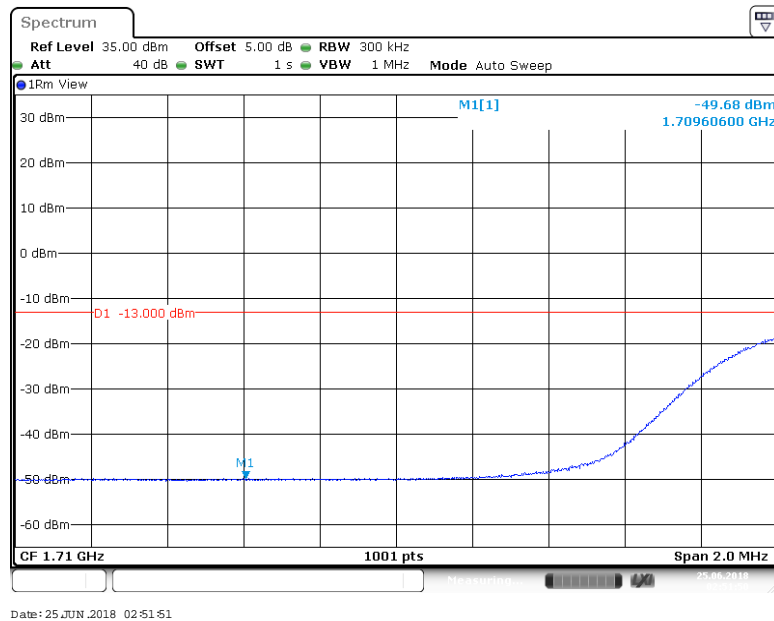
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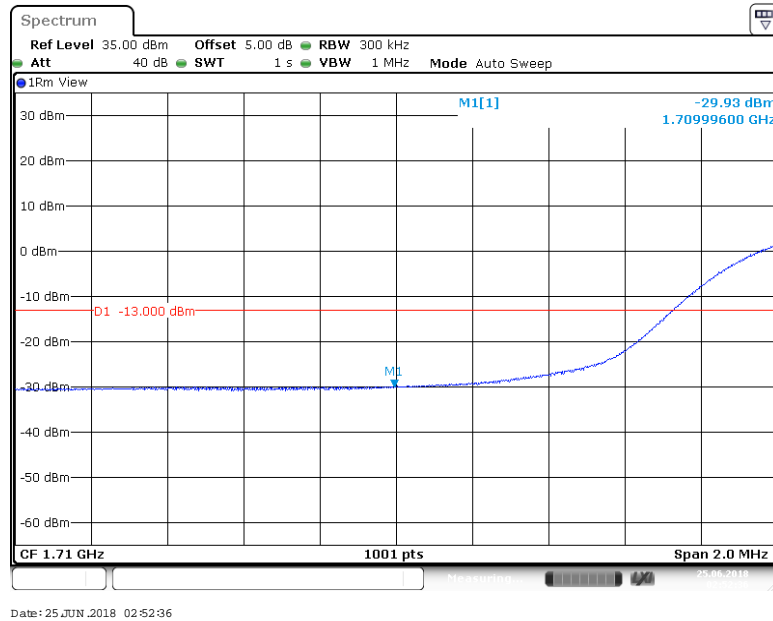
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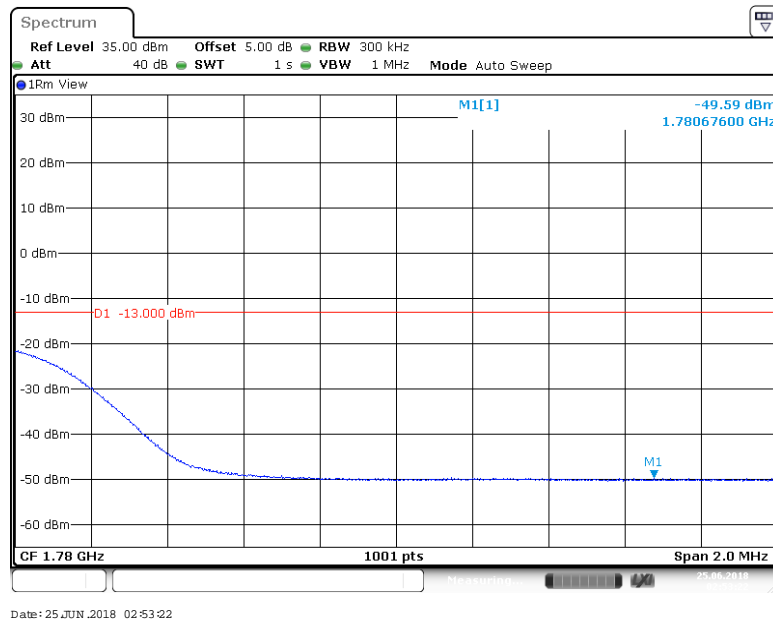
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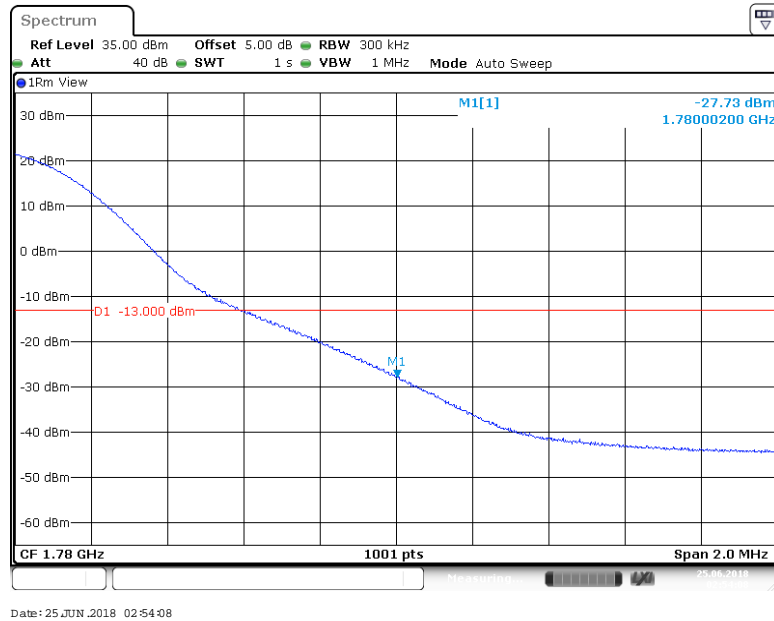
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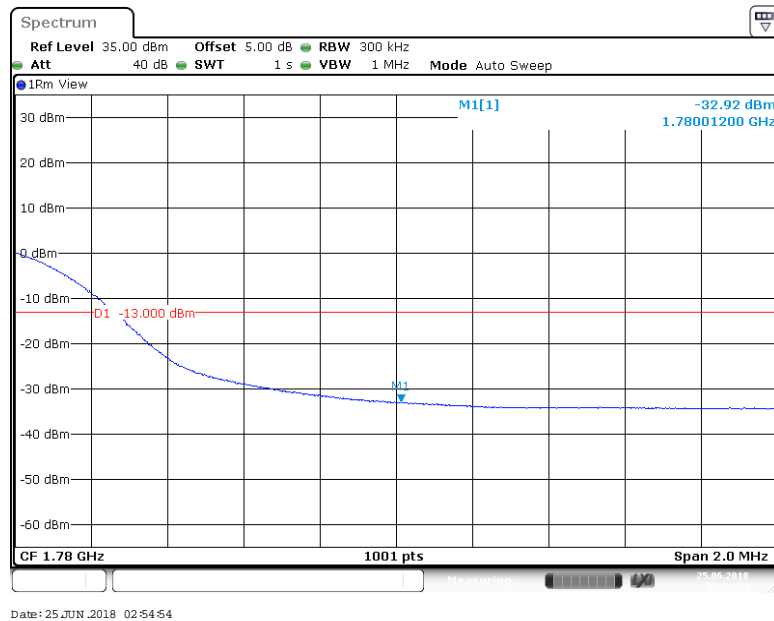
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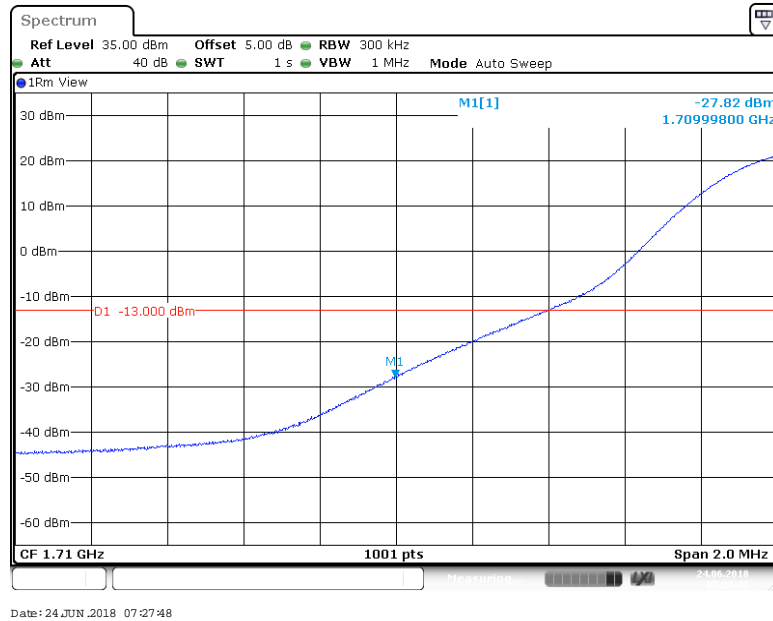
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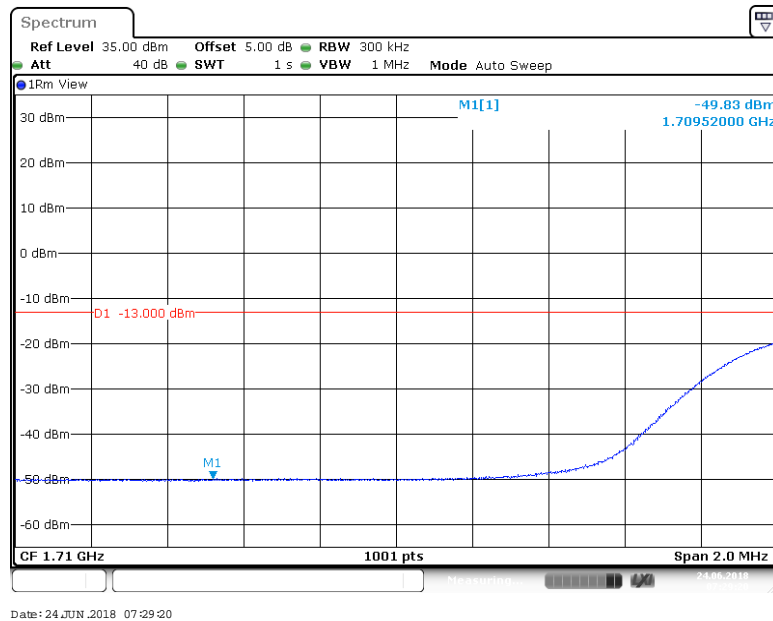
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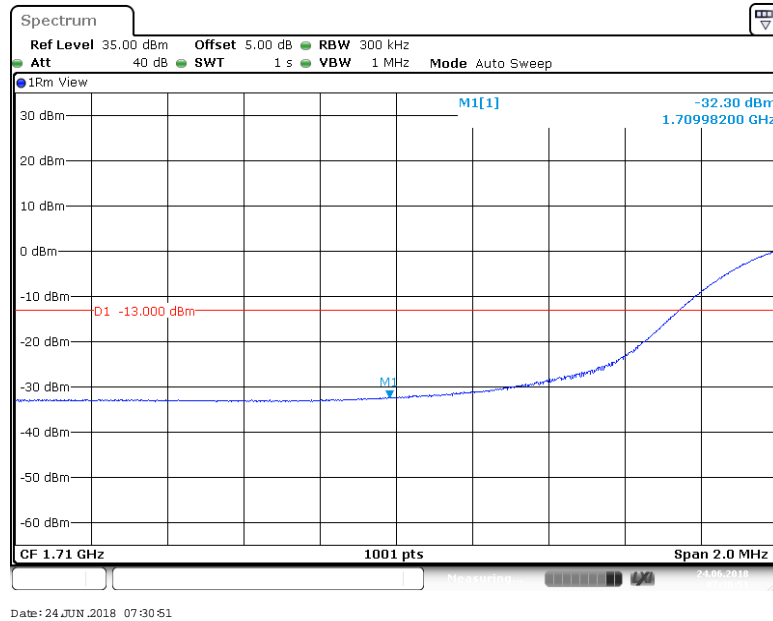
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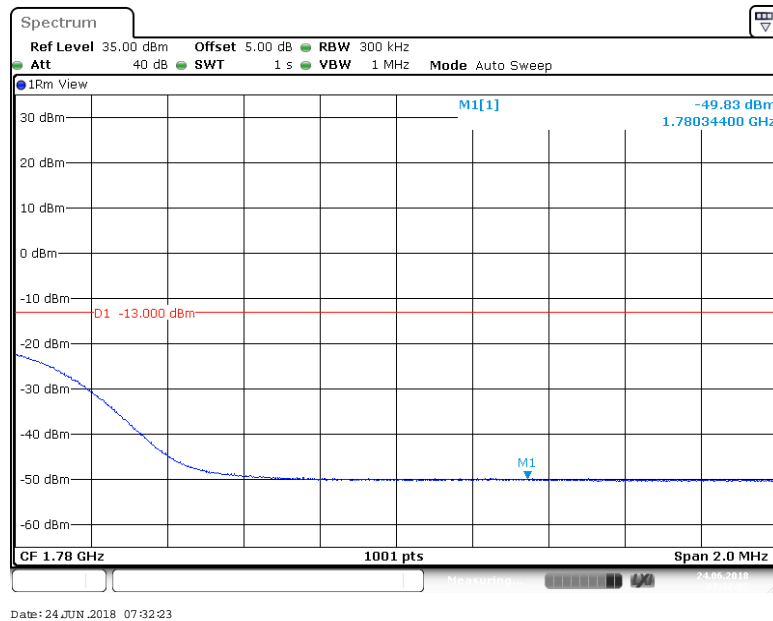
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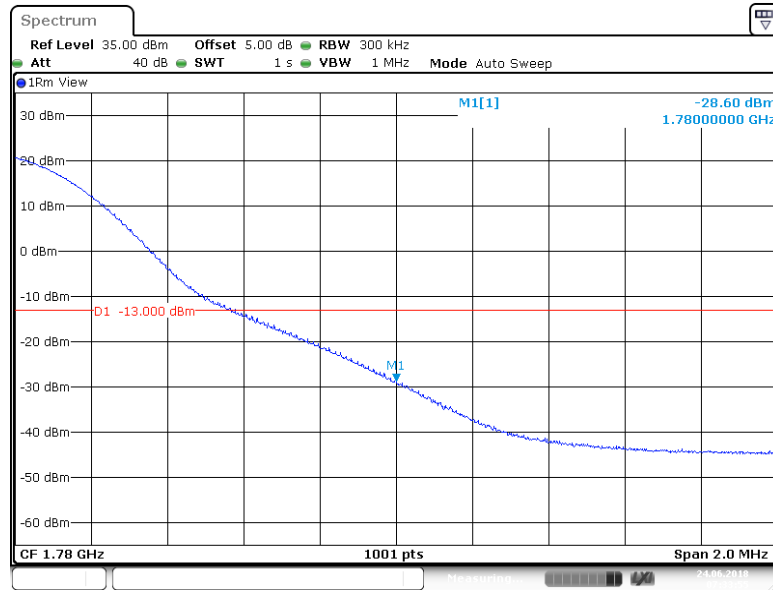
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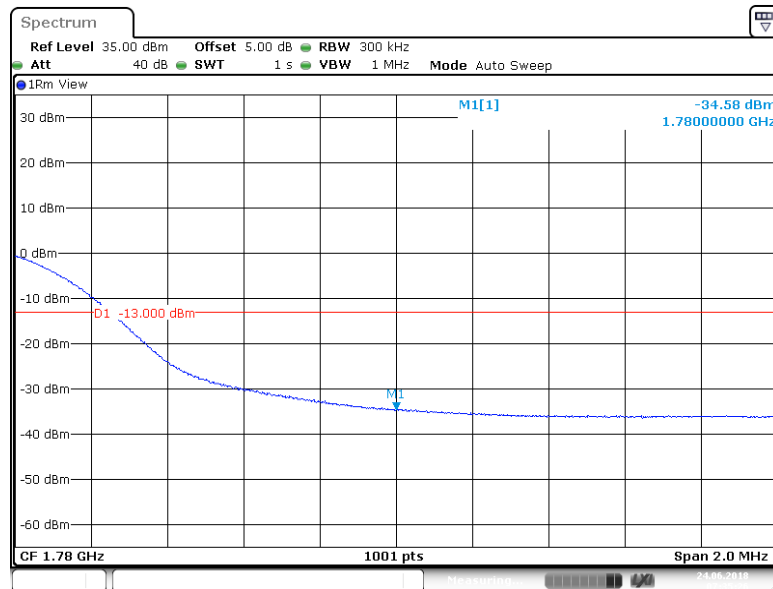
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BAND 66_20MHz_16QAM_132572_100RB#0





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 Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
BAND 66	20MHz	QPSK	132072	1RB#0	Range1:0.009~0.15MHz	-49.19	PASS
BAND 66	20MHz	QPSK	132072	1RB#0	Range2:0.15~30MHz	-53.72	PASS
BAND 66	20MHz	QPSK	132072	1RB#0	Range3:30~1000MHz	-44.12	PASS
BAND 66	20MHz	QPSK	132072	1RB#0	Range4:1000~5000MHz	-47.52	PASS
BAND 66	20MHz	QPSK	132072	1RB#0	Range5:5000~12000MHz	-49.56	PASS
BAND 66	20MHz	QPSK	132072	1RB#0	Range6:12000~18000MHz	-49.4	PASS
BAND 66	20MHz	QPSK	132322	1RB#0	Range1:0.009~0.15MHz	-49.67	PASS
BAND 66	20MHz	QPSK	132322	1RB#0	Range2:0.15~30MHz	-53.82	PASS
BAND 66	20MHz	QPSK	132322	1RB#0	Range3:30~1000MHz	-44.72	PASS
BAND 66	20MHz	QPSK	132322	1RB#0	Range4:1000~5000MHz	-41.84	PASS
BAND 66	20MHz	QPSK	132322	1RB#0	Range5:5000~12000MHz	-49.59	PASS
BAND 66	20MHz	QPSK	132322	1RB#0	Range6:12000~18000MHz	-49.53	PASS
BAND 66	20MHz	QPSK	132572	1RB#0	Range1:0.009~0.15MHz	-49.37	PASS
BAND 66	20MHz	QPSK	132572	1RB#0	Range2:0.15~30MHz	-53.1	PASS
BAND 66	20MHz	QPSK	132572	1RB#0	Range3:30~1000MHz	-43.81	PASS
BAND 66	20MHz	QPSK	132572	1RB#0	Range4:1000~5000MHz	-46.4	PASS
BAND 66	20MHz	QPSK	132572	1RB#0	Range5:5000~12000MHz	-49.38	PASS
BAND 66	20MHz	QPSK	132572	1RB#0	Range6:12000~18000MHz	-49.45	PASS
BAND 66	20MHz	64QAM	132072	1RB#0	Range1:0.009~0.15MHz	-46.87	PASS
BAND 66	20MHz	64QAM	132072	1RB#0	Range2:0.15~30MHz	-53.18	PASS
BAND 66	20MHz	64QAM	132072	1RB#0	Range3:30~1000MHz	-42.71	PASS
BAND 66	20MHz	64QAM	132072	1RB#0	Range4:1000~5000MHz	-47.02	PASS
BAND 66	20MHz	64QAM	132072	1RB#0	Range5:5000~12000MHz	-49.45	PASS
BAND 66	20MHz	64QAM	132072	1RB#0	Range6:12000~18000MHz	-49.41	PASS
BAND 66	20MHz	64QAM	132322	1RB#0	Range1:0.009~0.15MHz	-47.66	PASS
BAND 66	20MHz	64QAM	132322	1RB#0	Range2:0.15~30MHz	-54.3	PASS
BAND 66	20MHz	64QAM	132322	1RB#0	Range3:30~1000MHz	-43.78	PASS
BAND 66	20MHz	64QAM	132322	1RB#0	Range4:1000~5000MHz	-41.97	PASS
BAND 66	20MHz	64QAM	132322	1RB#0	Range5:5000~12000MHz	-49.44	PASS
BAND 66	20MHz	64QAM	132322	1RB#0	Range6:12000~18000MHz	-49.53	PASS



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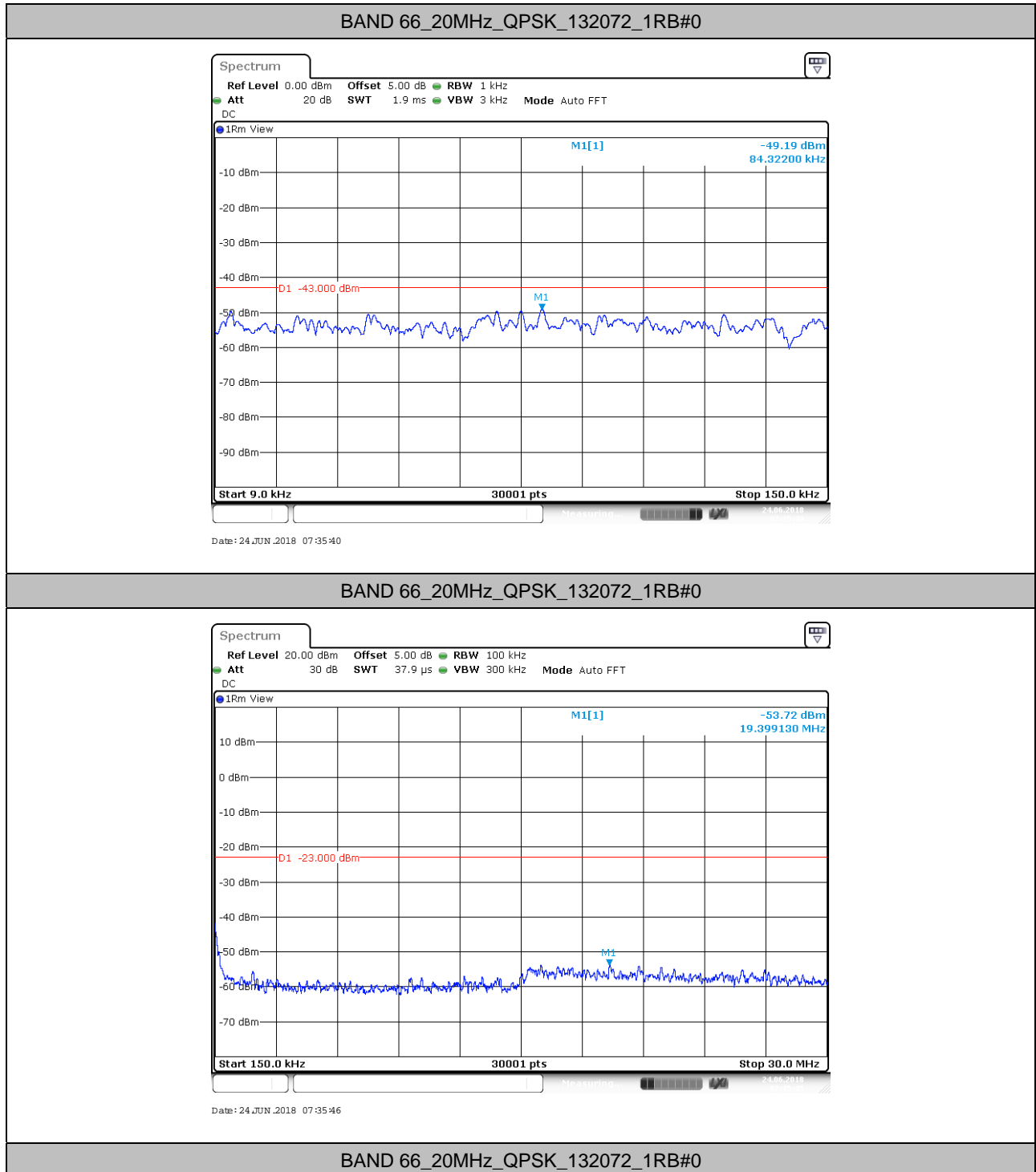
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BAND 66	20MHz	64QAM	132572	1RB#0	Range1:0.009~0.15MHz	-47.43	PASS
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BAND 66	20MHz	64QAM	132572	1RB#0	Range3:30~1000MHz	-43.6	PASS
BAND 66	20MHz	64QAM	132572	1RB#0	Range4:1000~5000MHz	-47.15	PASS
BAND 66	20MHz	64QAM	132572	1RB#0	Range5:5000~12000MHz	-49.57	PASS
BAND 66	20MHz	64QAM	132572	1RB#0	Range6:12000~18000MHz	-49.3	PASS
BAND 66	20MHz	16QAM	132072	1RB#0	Range1:0.009~0.15MHz	-47.64	PASS
BAND 66	20MHz	16QAM	132072	1RB#0	Range2:0.15~30MHz	-53.62	PASS
BAND 66	20MHz	16QAM	132072	1RB#0	Range3:30~1000MHz	-44.61	PASS
BAND 66	20MHz	16QAM	132072	1RB#0	Range4:1000~5000MHz	-47.59	PASS
BAND 66	20MHz	16QAM	132072	1RB#0	Range5:5000~12000MHz	-49.59	PASS
BAND 66	20MHz	16QAM	132072	1RB#0	Range6:12000~18000MHz	-49.47	PASS
BAND 66	20MHz	16QAM	132322	1RB#0	Range1:0.009~0.15MHz	-48.35	PASS
BAND 66	20MHz	16QAM	132322	1RB#0	Range2:0.15~30MHz	-53.76	PASS
BAND 66	20MHz	16QAM	132322	1RB#0	Range3:30~1000MHz	-43.31	PASS
BAND 66	20MHz	16QAM	132322	1RB#0	Range4:1000~5000MHz	-42.79	PASS
BAND 66	20MHz	16QAM	132322	1RB#0	Range5:5000~12000MHz	-49.55	PASS
BAND 66	20MHz	16QAM	132322	1RB#0	Range6:12000~18000MHz	-49.54	PASS
BAND 66	20MHz	16QAM	132572	1RB#0	Range1:0.009~0.15MHz	-47.96	PASS
BAND 66	20MHz	16QAM	132572	1RB#0	Range2:0.15~30MHz	-53.75	PASS
BAND 66	20MHz	16QAM	132572	1RB#0	Range3:30~1000MHz	-43.4	PASS
BAND 66	20MHz	16QAM	132572	1RB#0	Range4:1000~5000MHz	-47.08	PASS
BAND 66	20MHz	16QAM	132572	1RB#0	Range5:5000~12000MHz	-49.43	PASS
BAND 66	20MHz	16QAM	132572	1RB#0	Range6:12000~18000MHz	-49.48	PASS



6.2. Test Plots

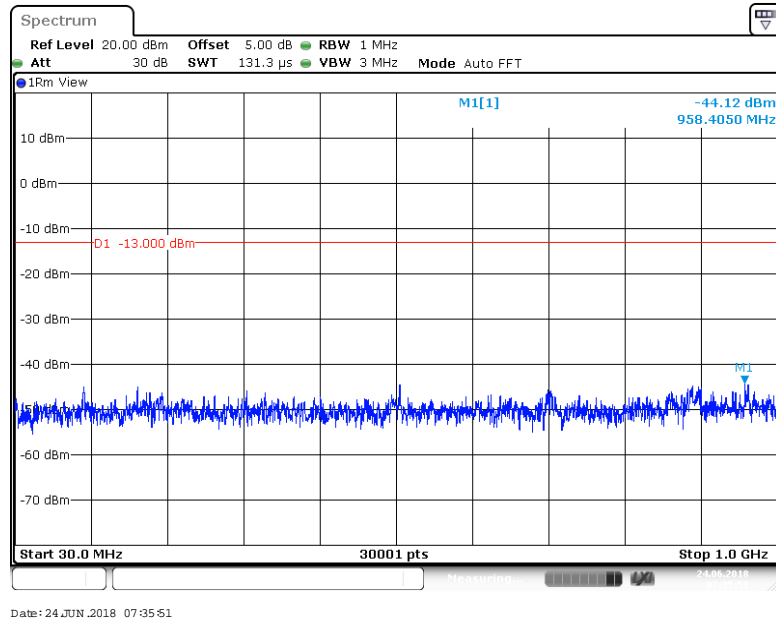




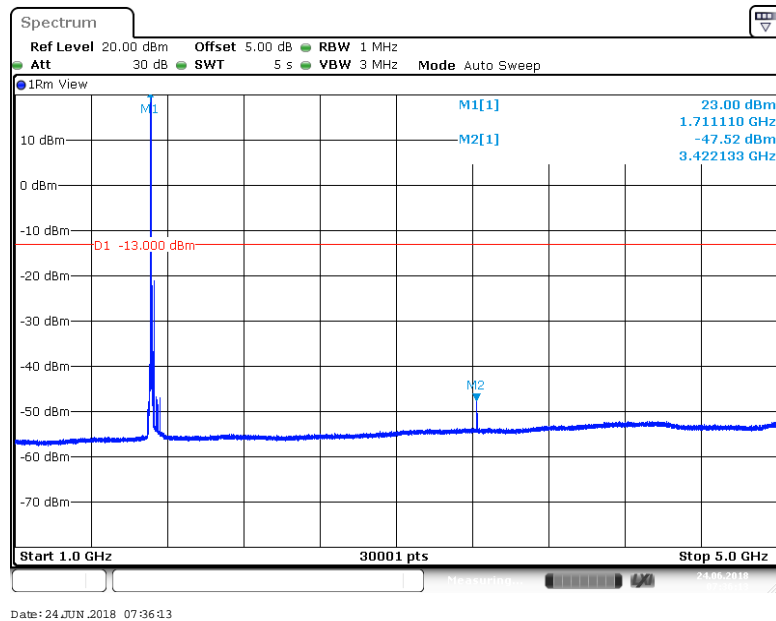
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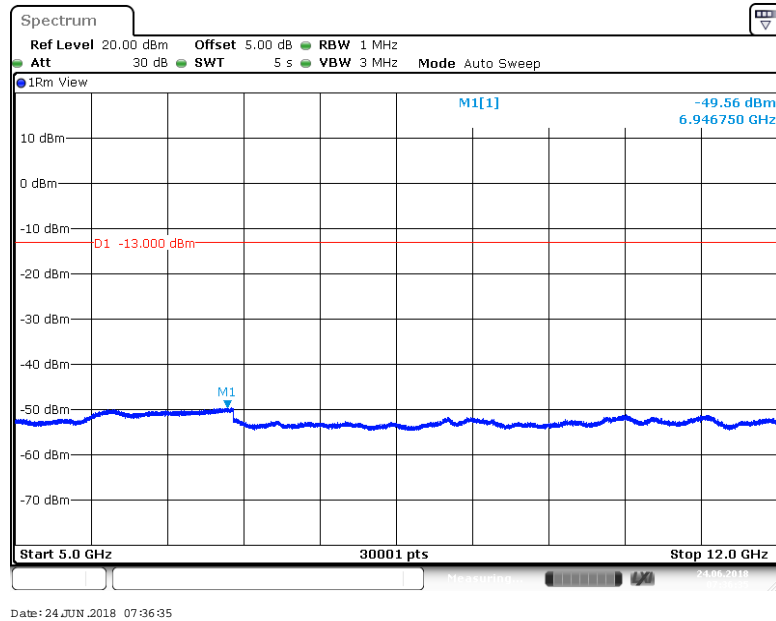
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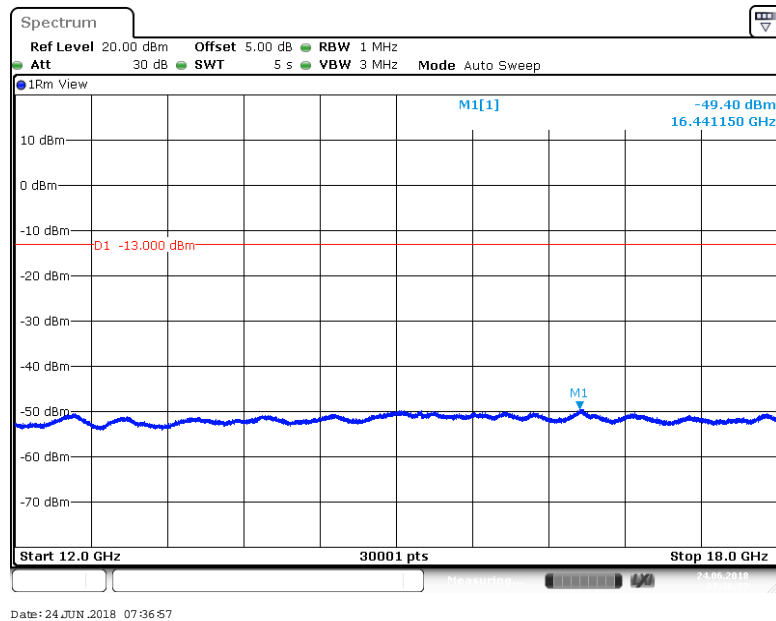
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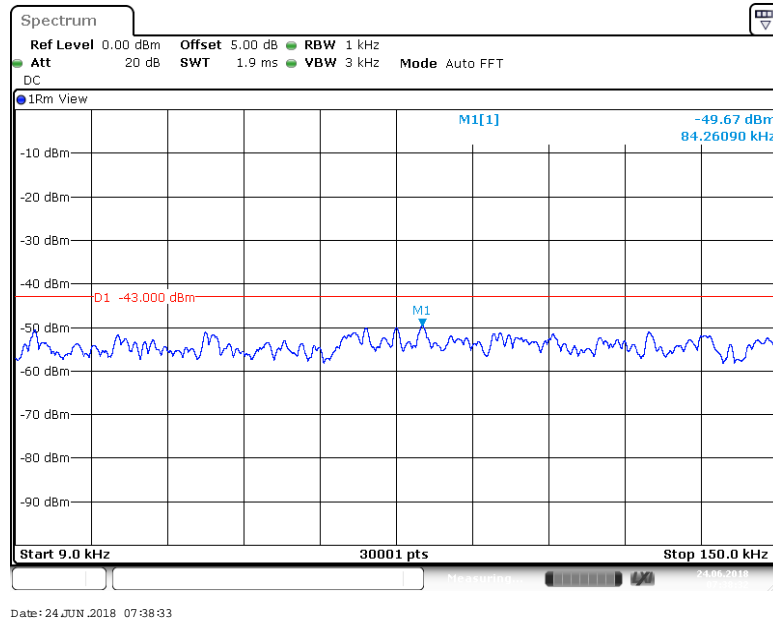
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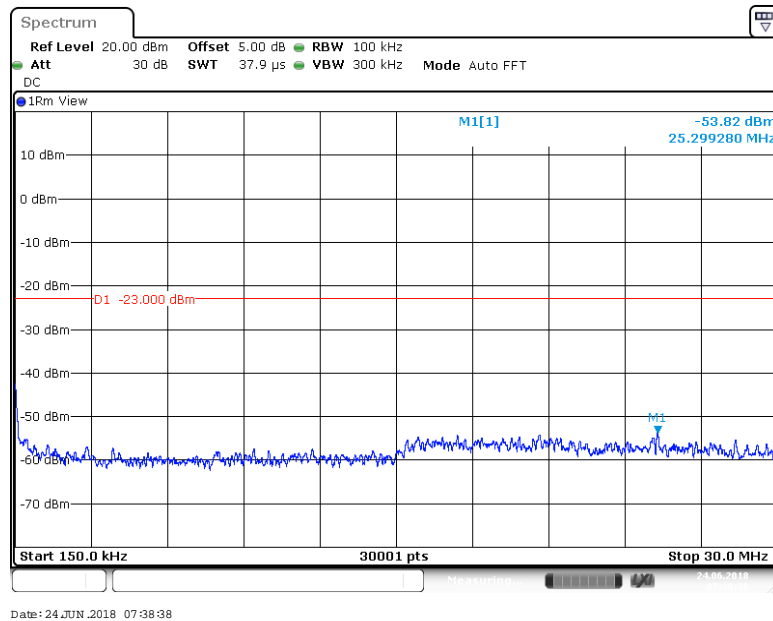
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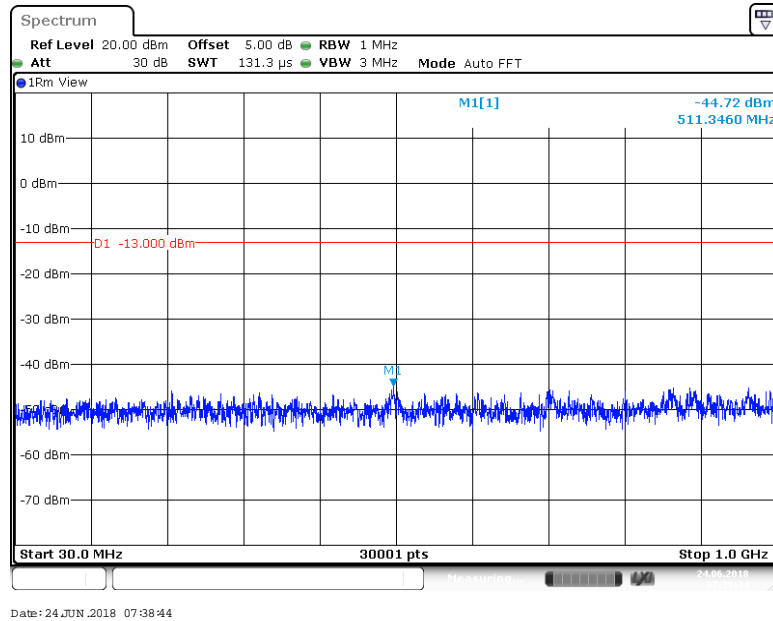
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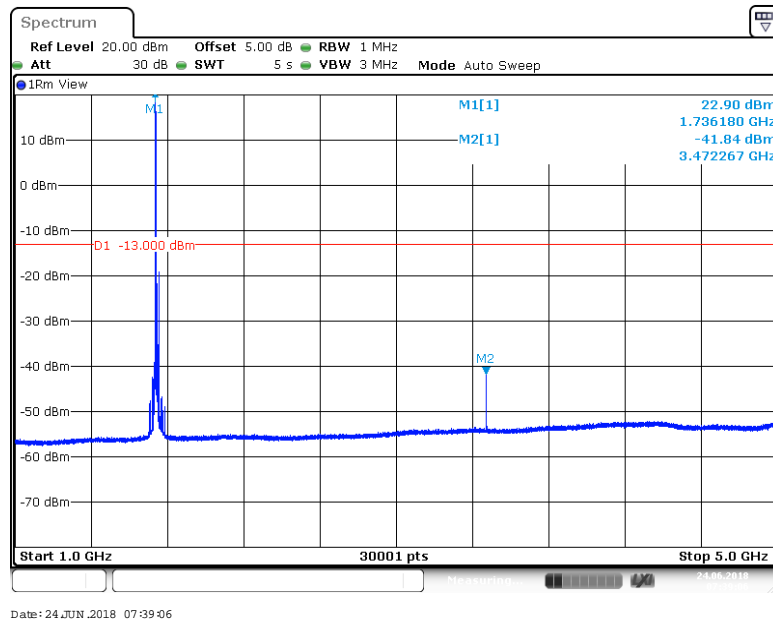
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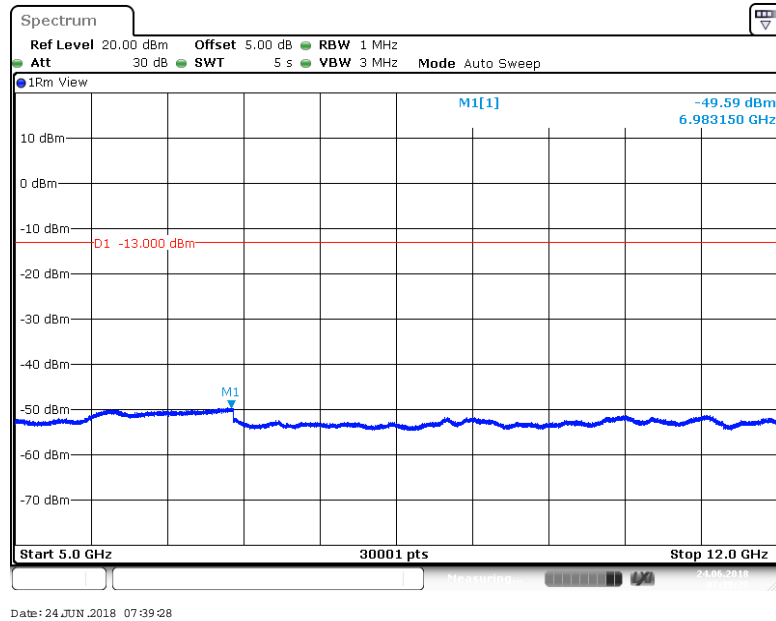
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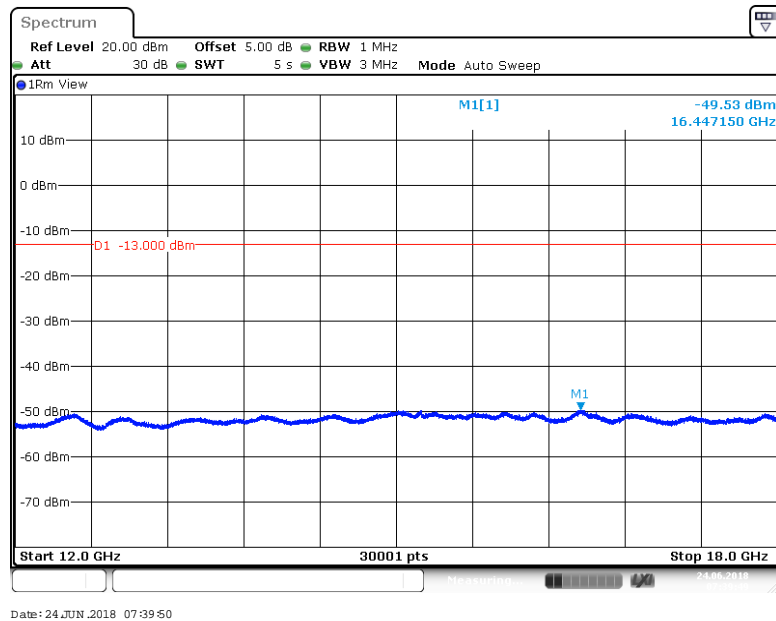
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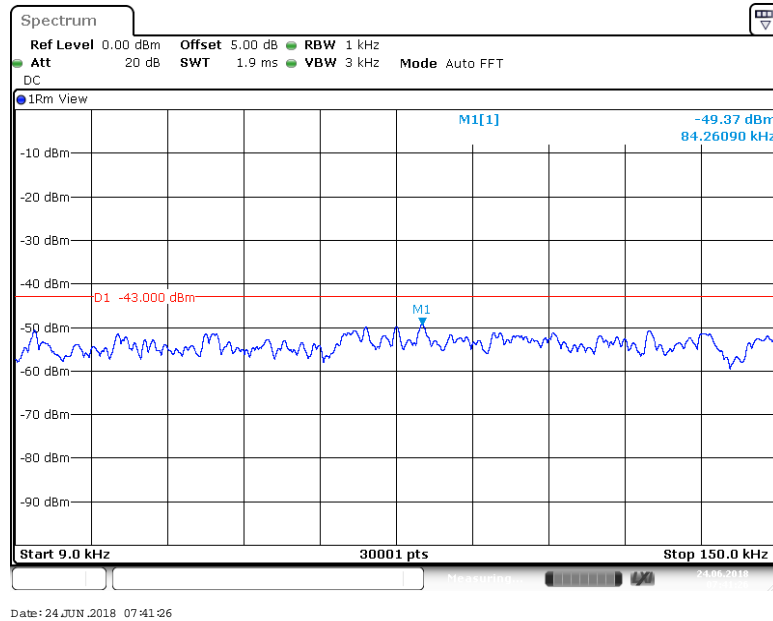
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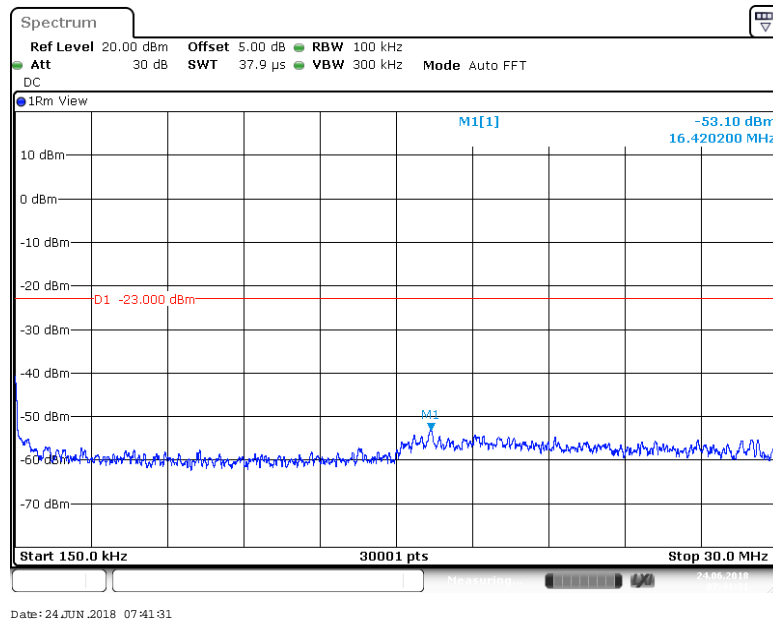
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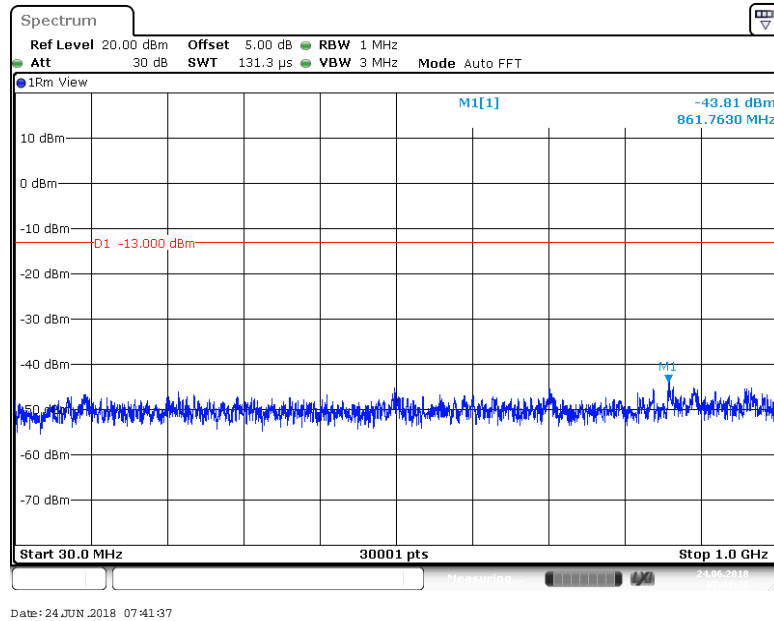
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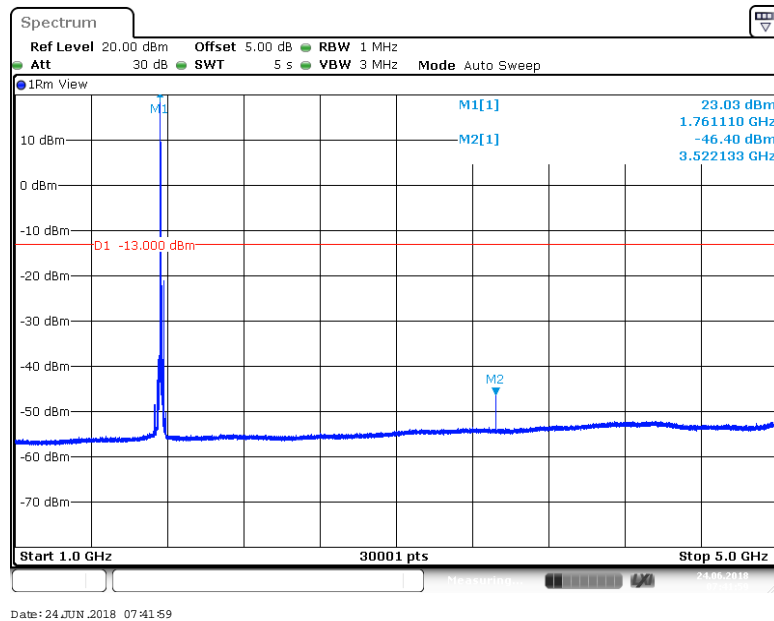
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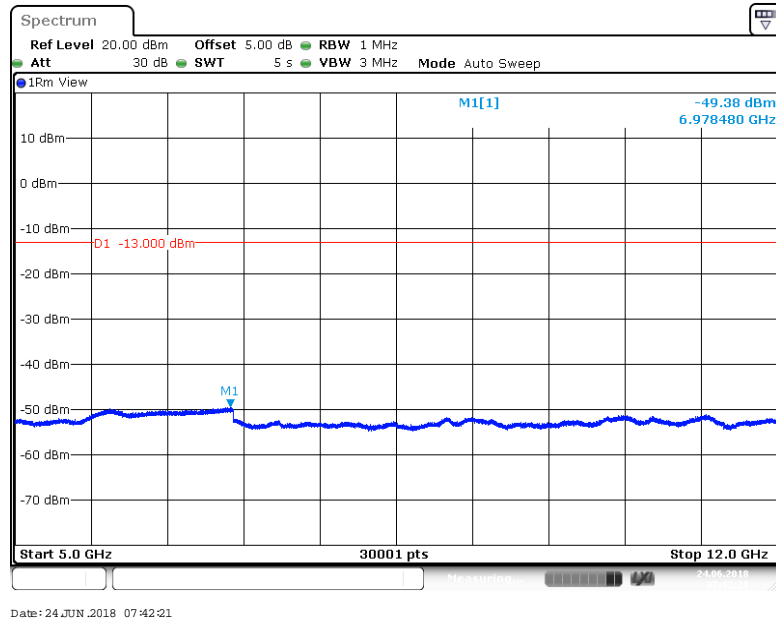
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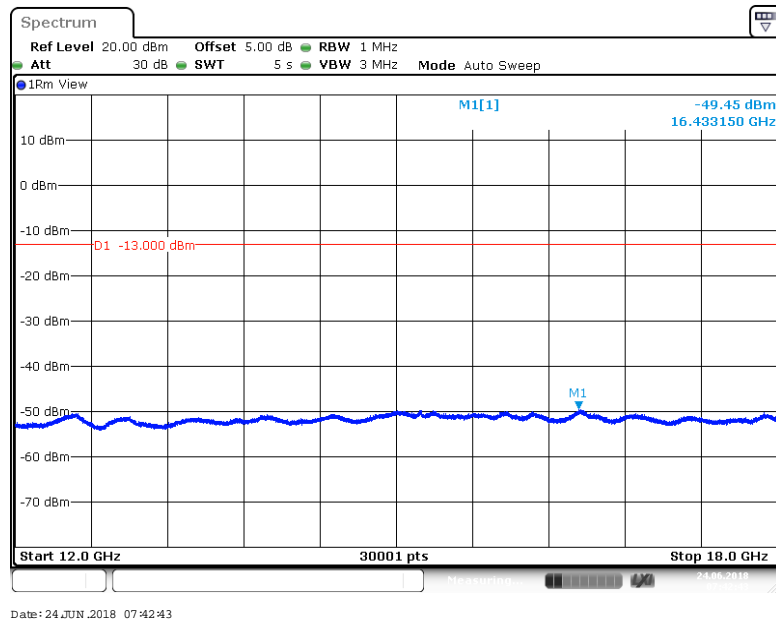
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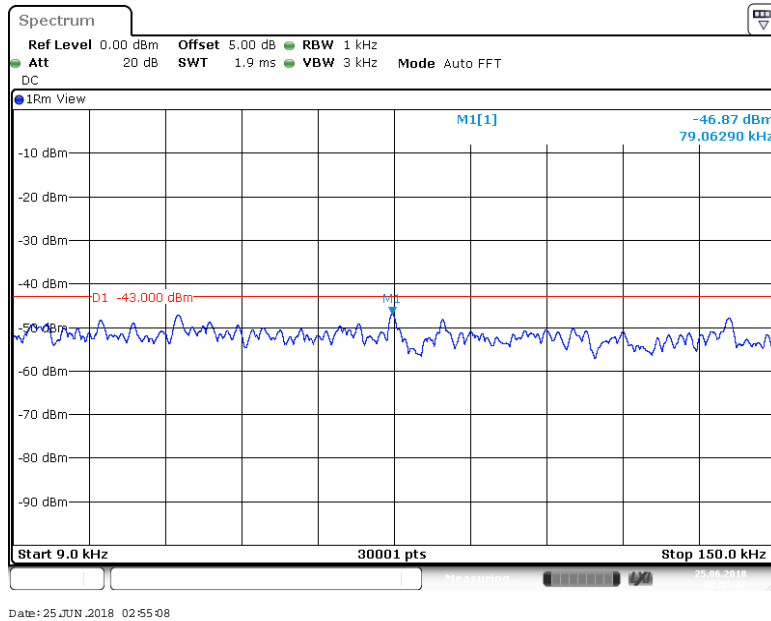
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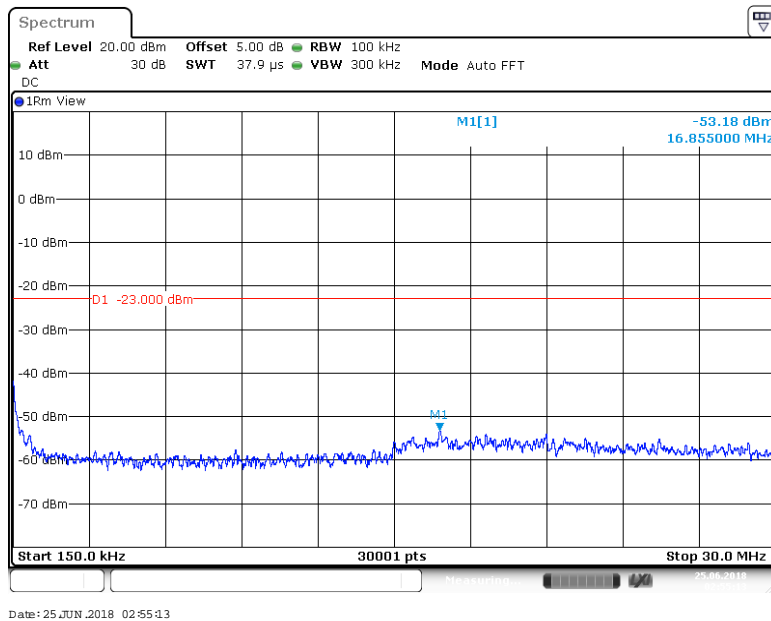
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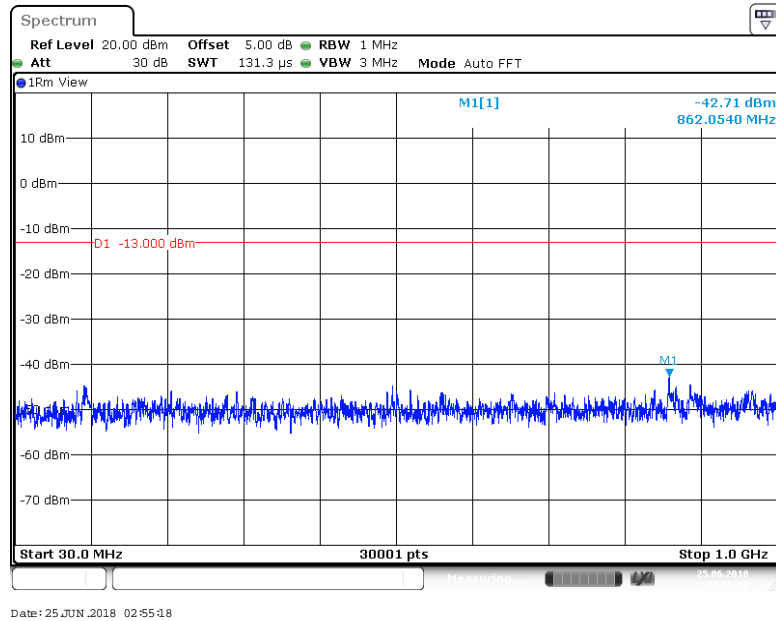
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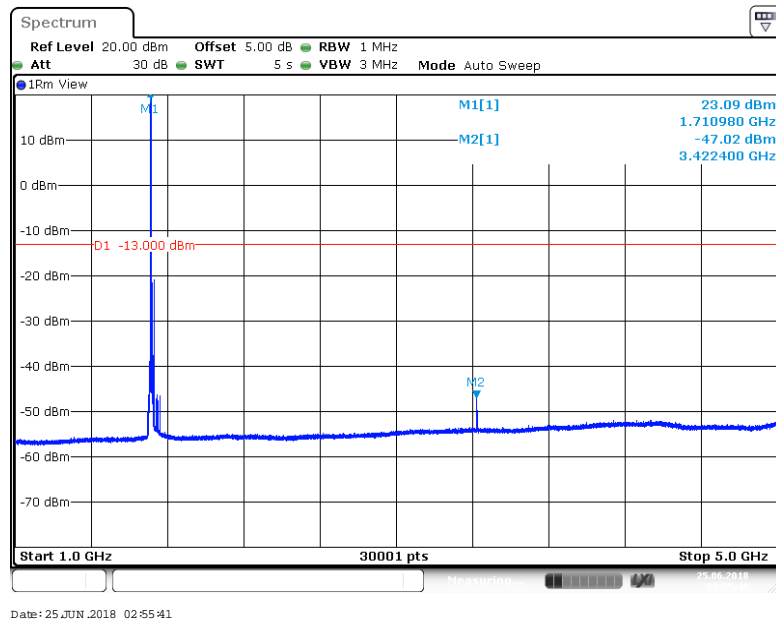
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BAND 66_20MHz_64QAM_132072_1RB#0



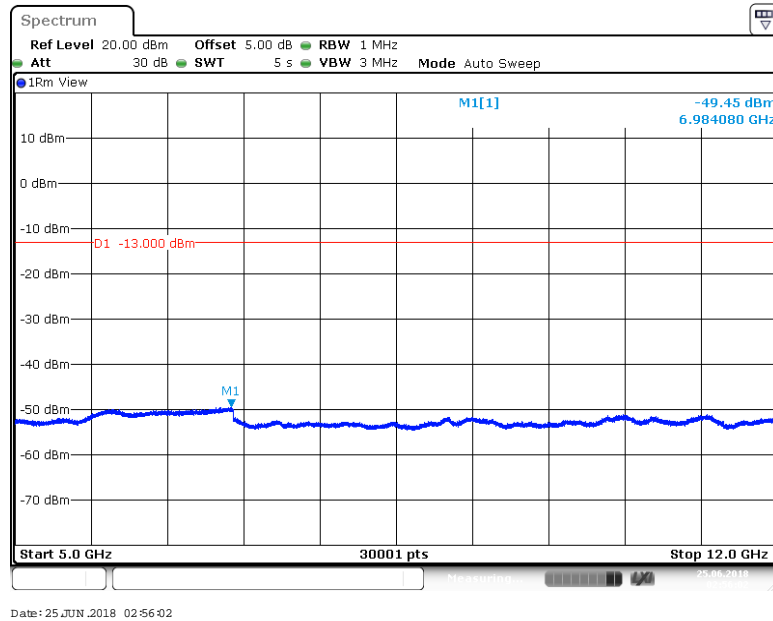
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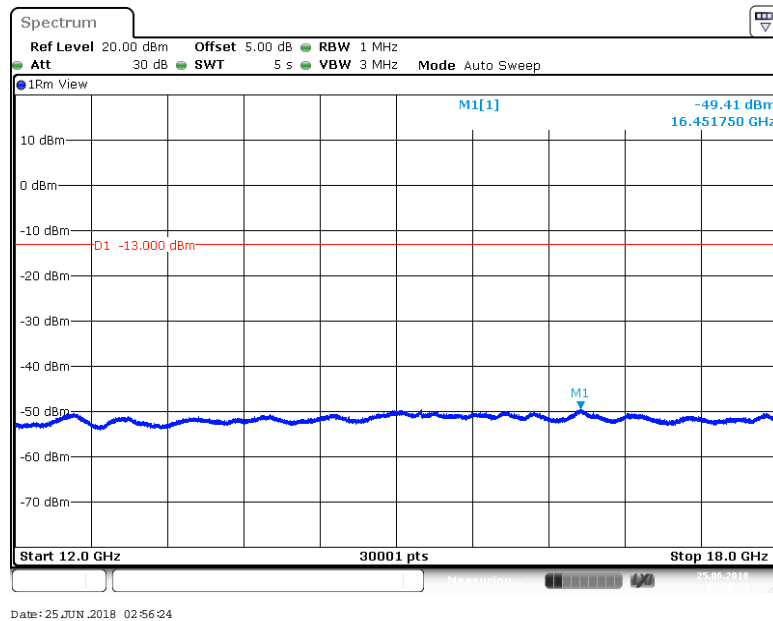
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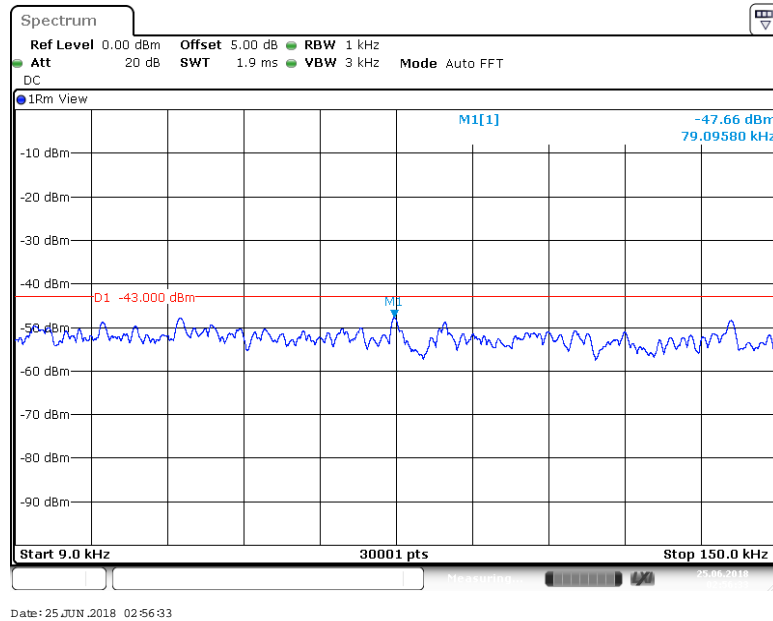
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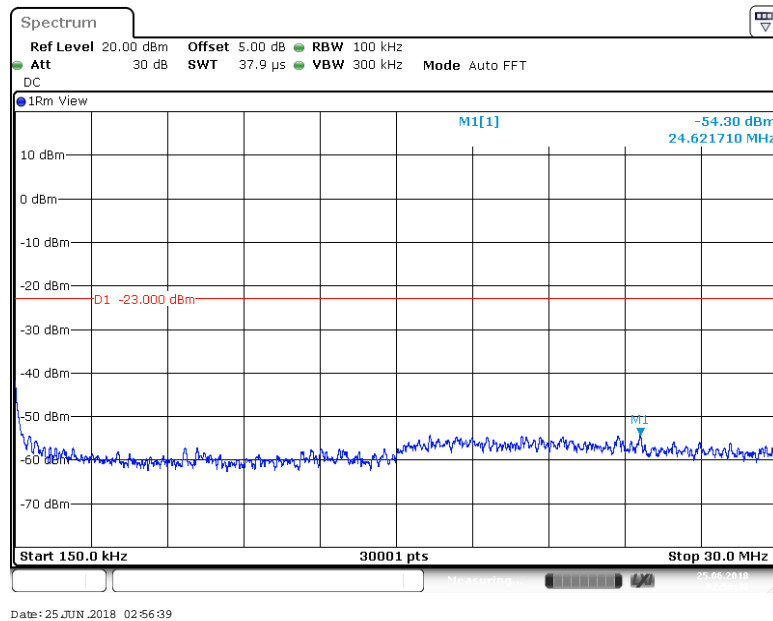
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BAND 66_20MHz_64QAM_132322_1RB#0



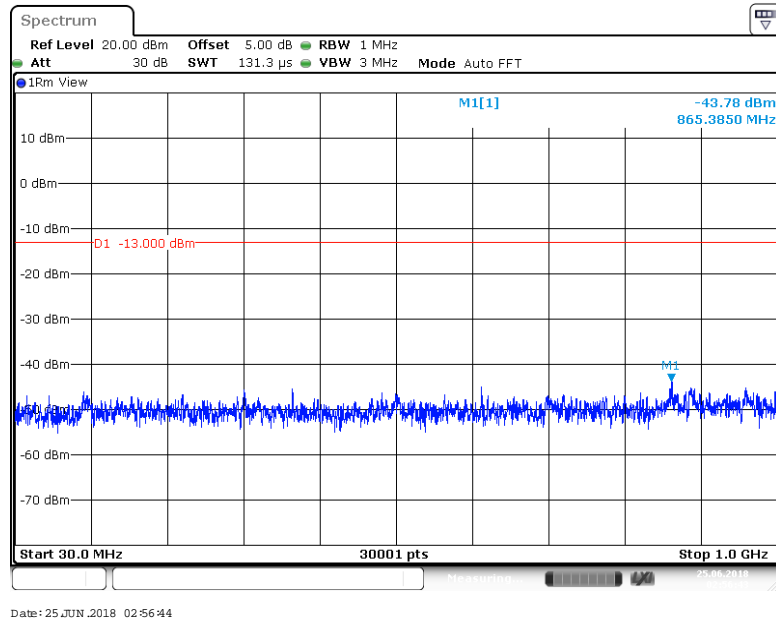
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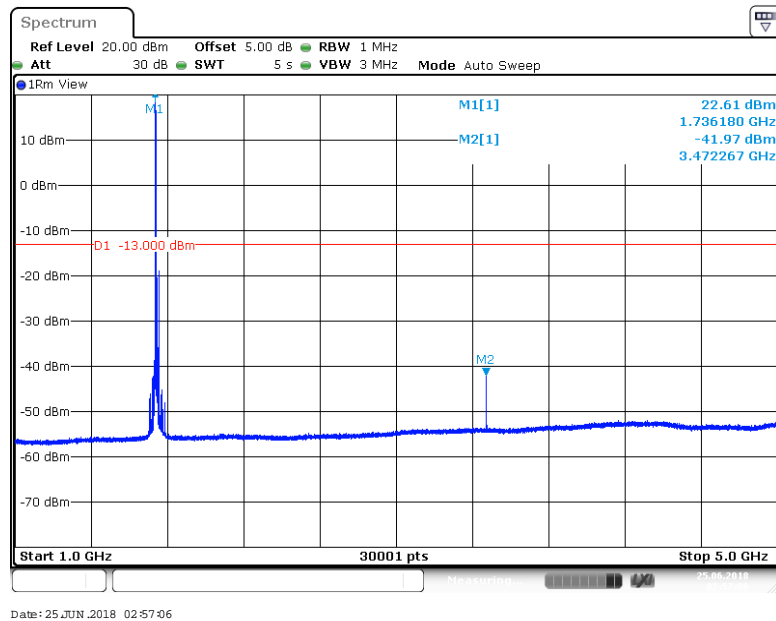
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BAND 66_20MHz_64QAM_132322_1RB#0



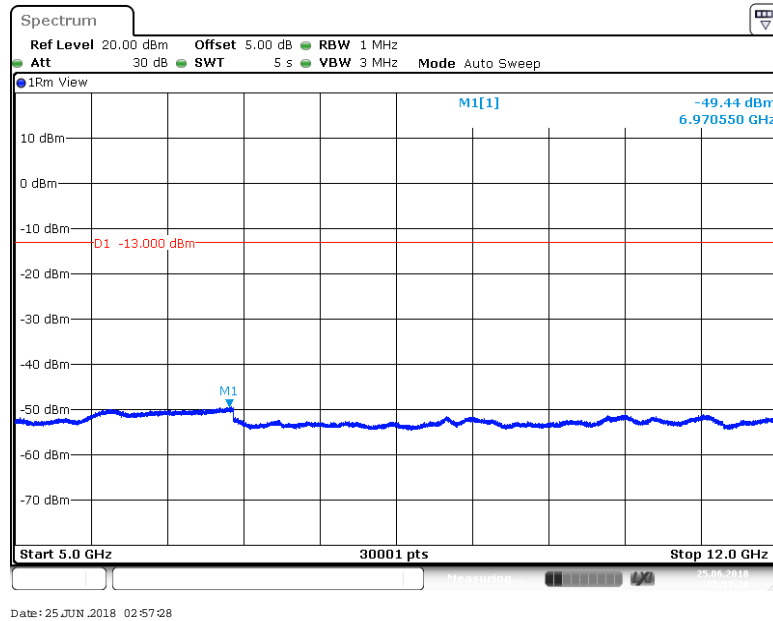
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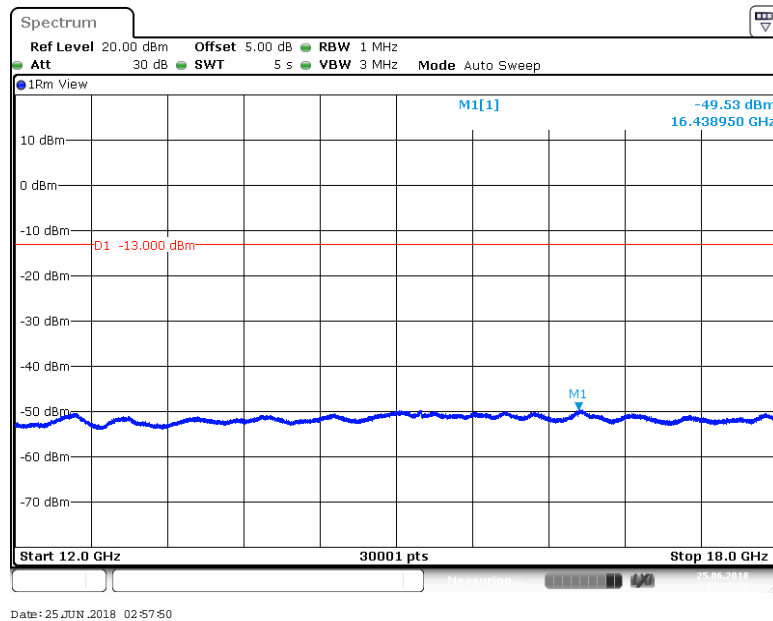
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BAND 66_20MHz_64QAM_132322_1RB#0



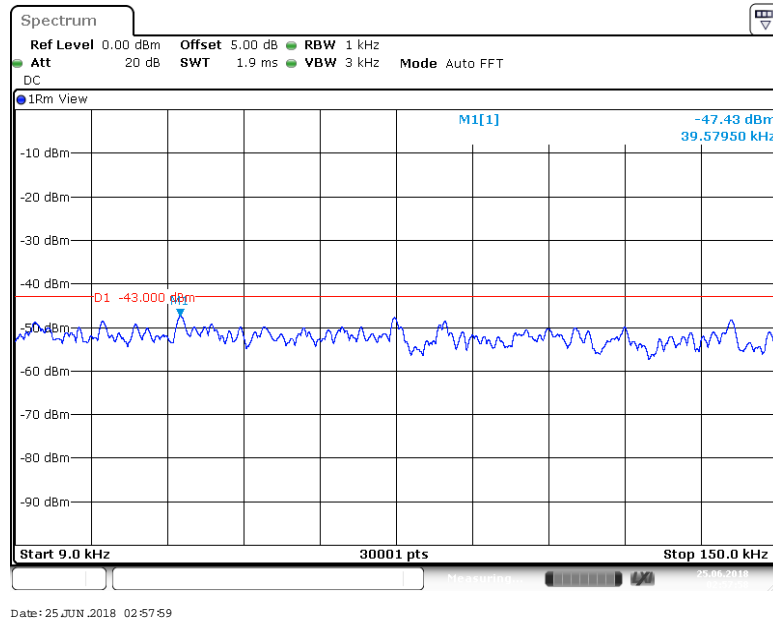
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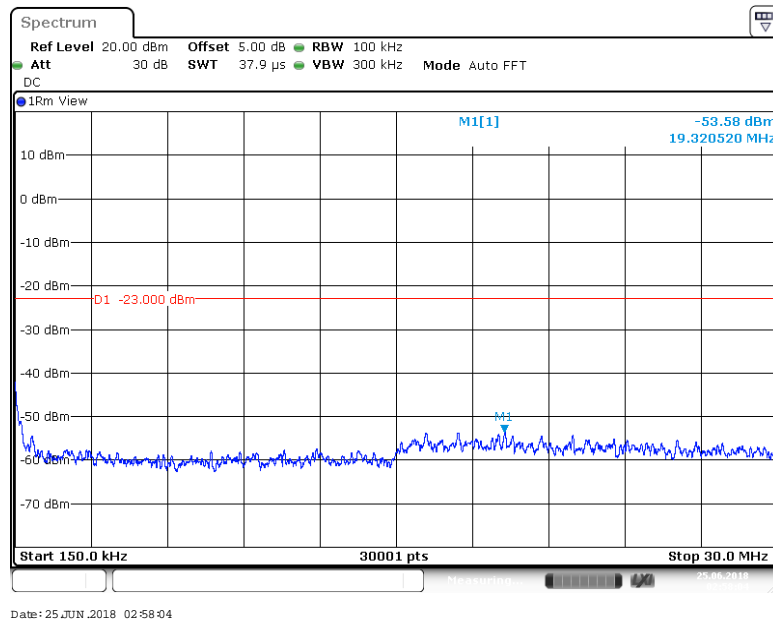
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BAND 66_20MHz_64QAM_132572_1RB#0



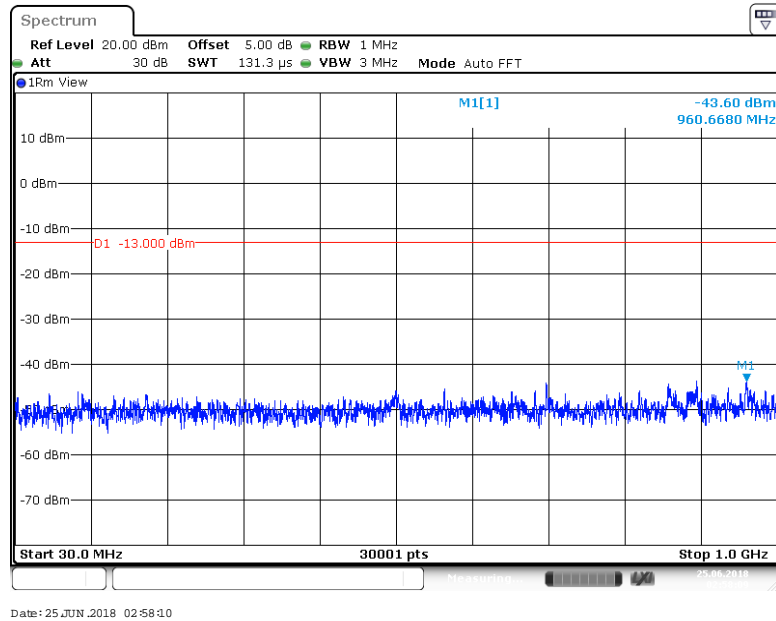
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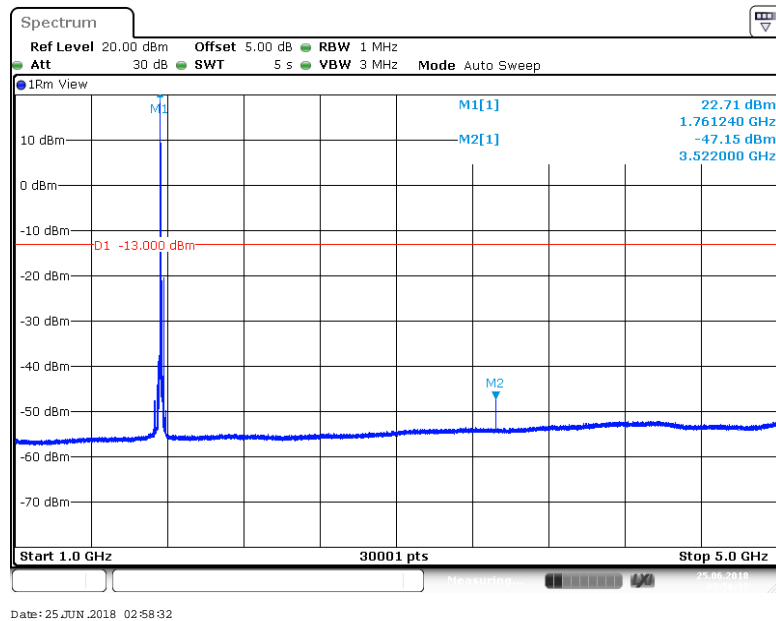
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BAND 66_20MHz_64QAM_132572_1RB#0



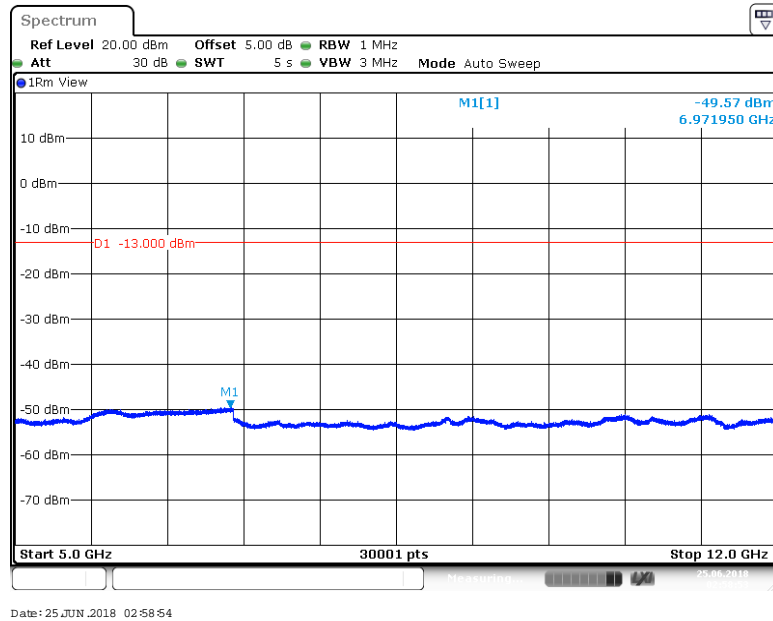
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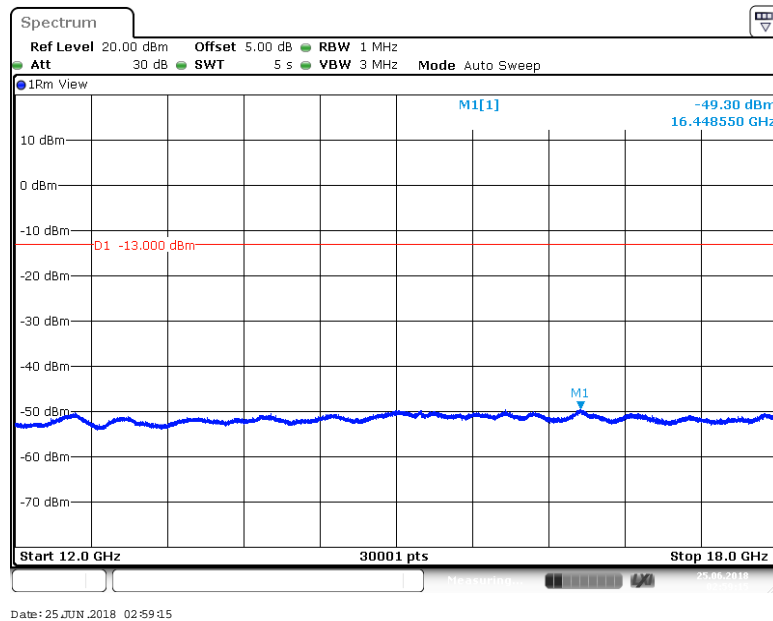
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BAND 66_20MHz_64QAM_132572_1RB#0



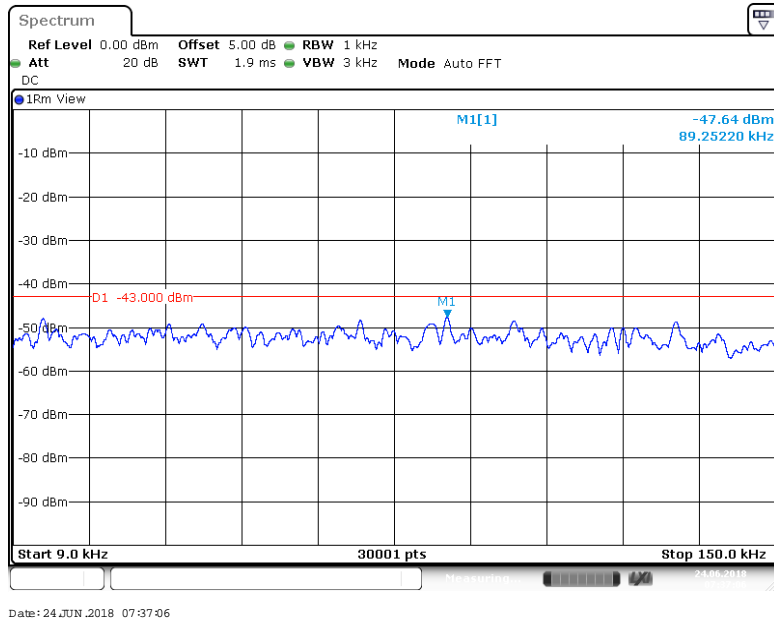
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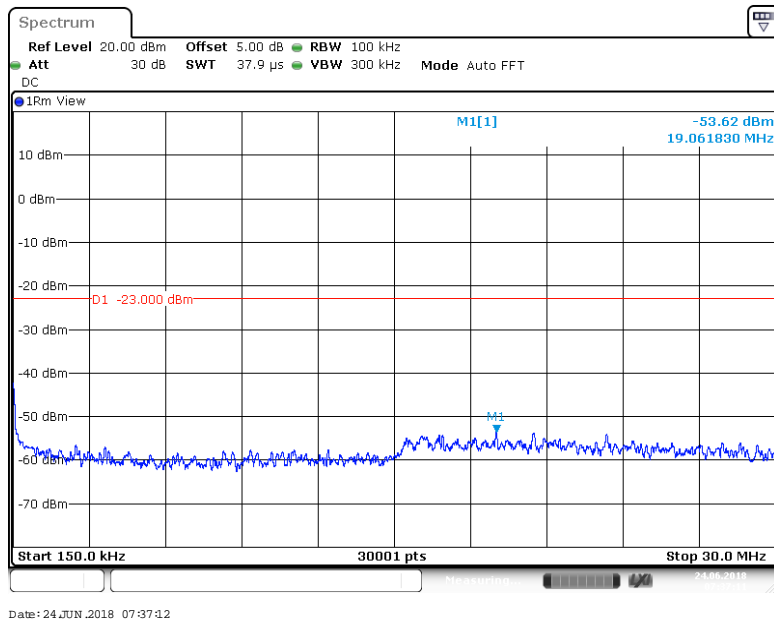
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BAND 66_20MHz_16QAM_132072_1RB#0



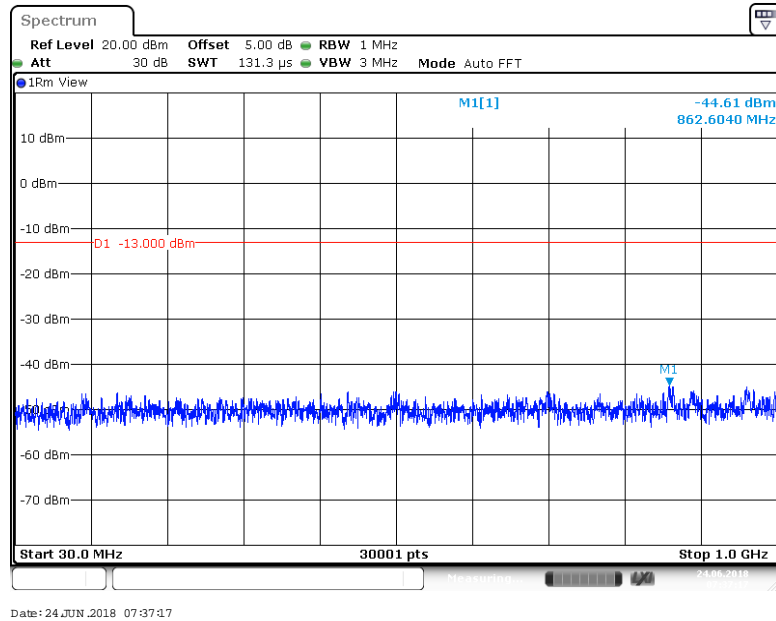
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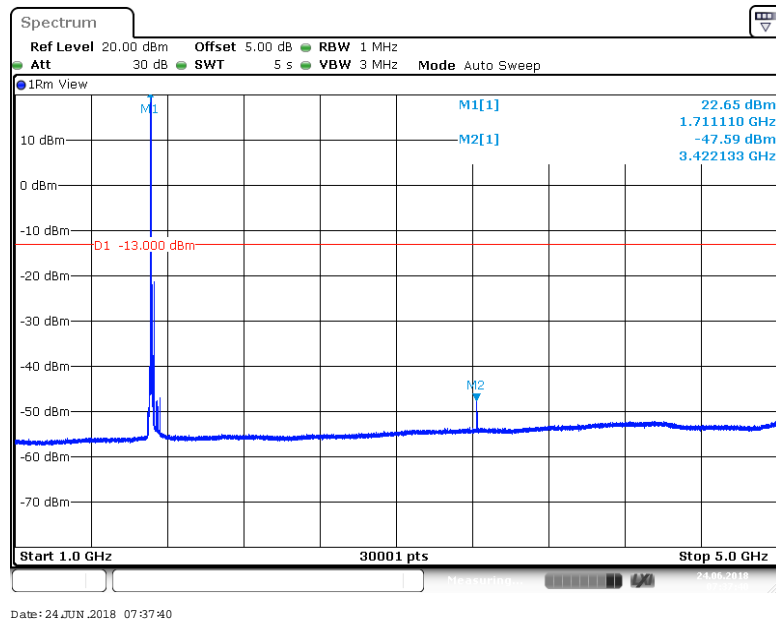
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BAND 66_20MHz_16QAM_132072_1RB#0



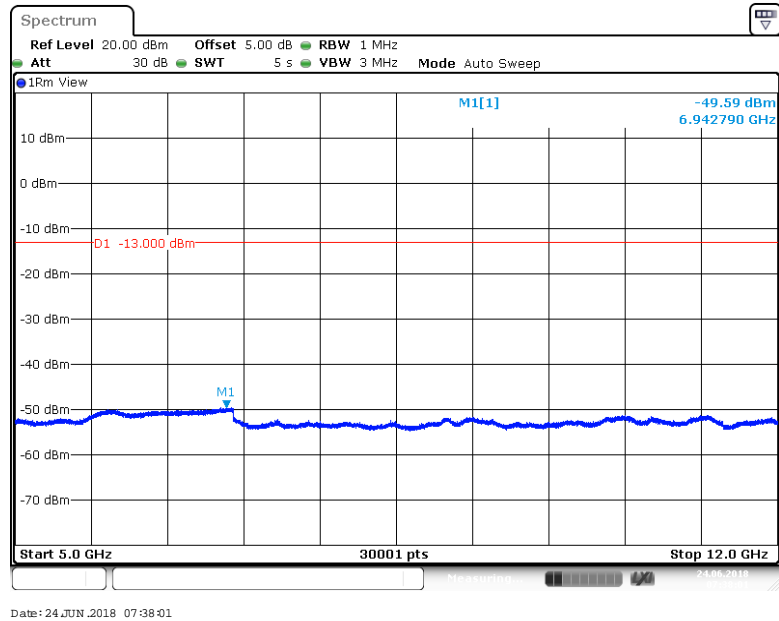
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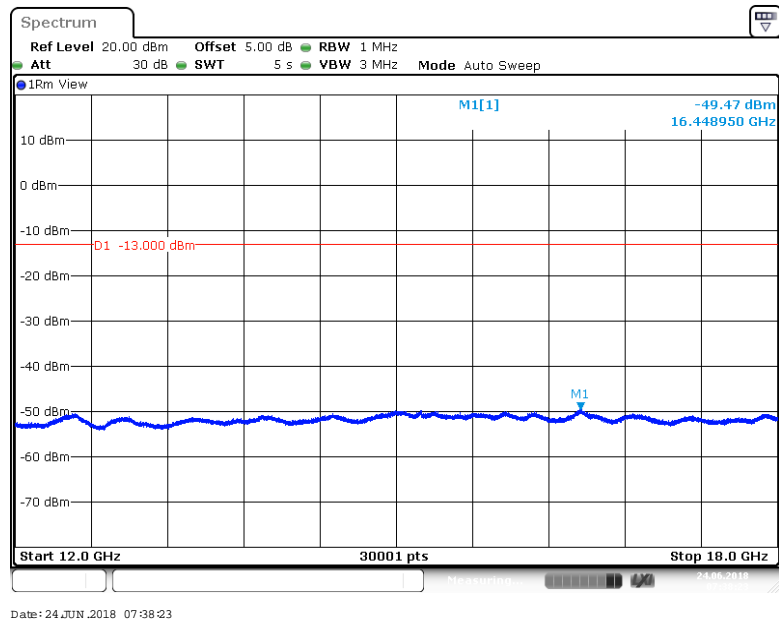
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BAND 66_20MHz_16QAM_132072_1RB#0



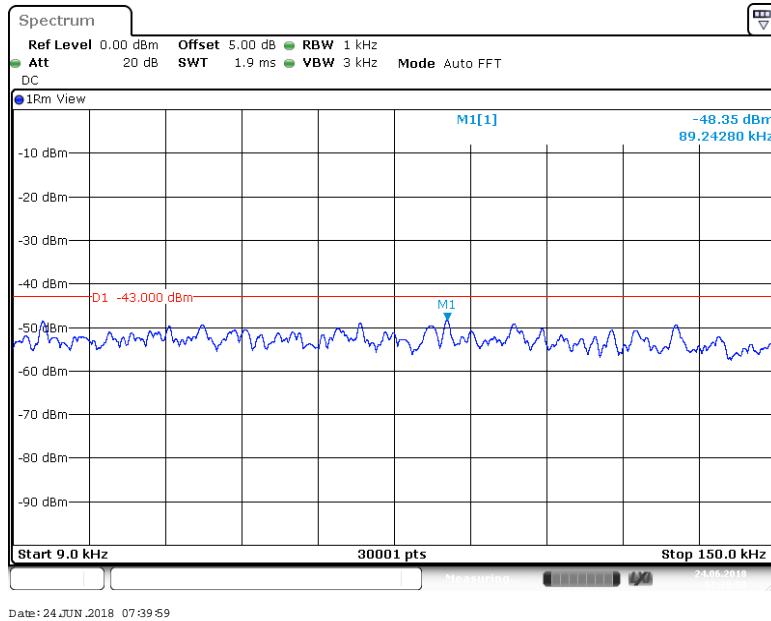
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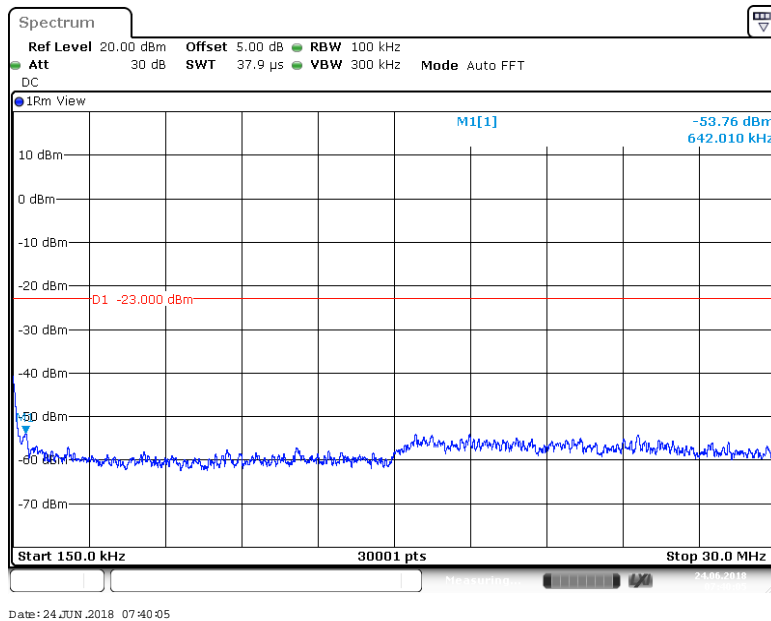
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BAND 66_20MHz_16QAM_132322_1RB#0



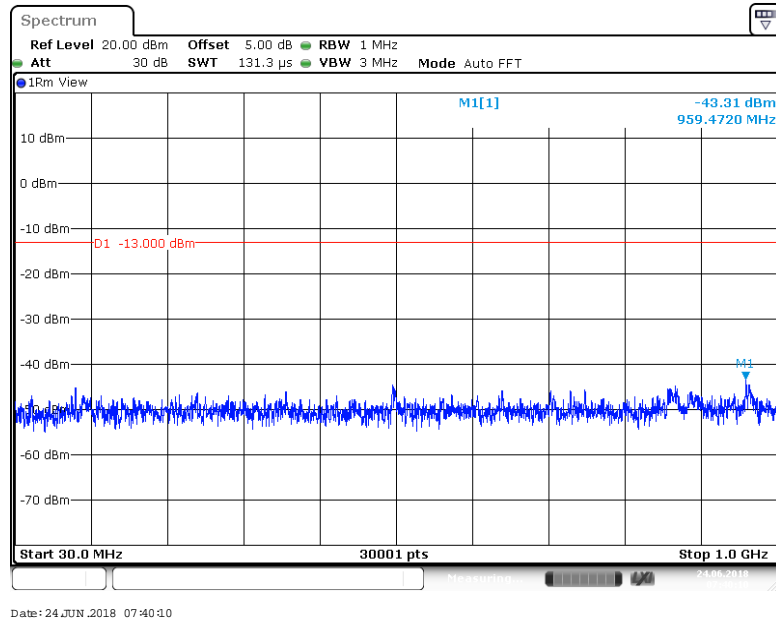
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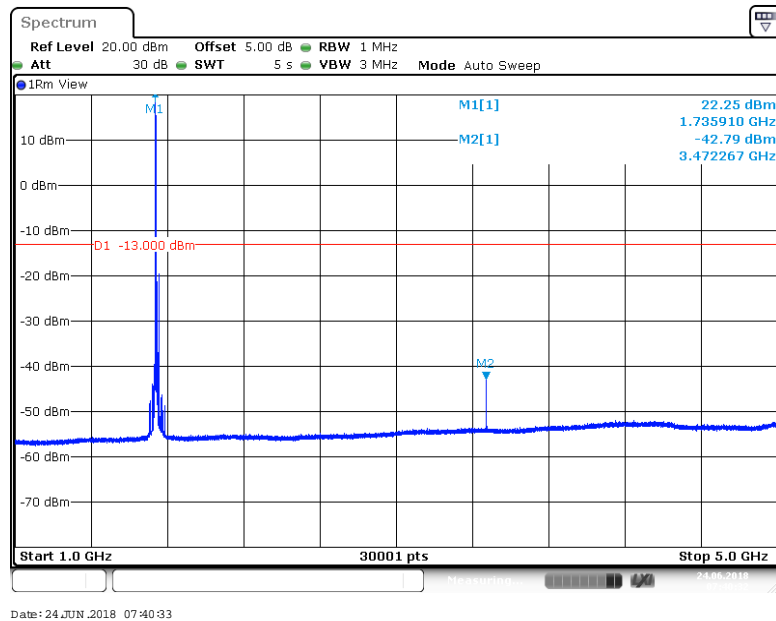
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BAND 66_20MHz_16QAM_132322_1RB#0



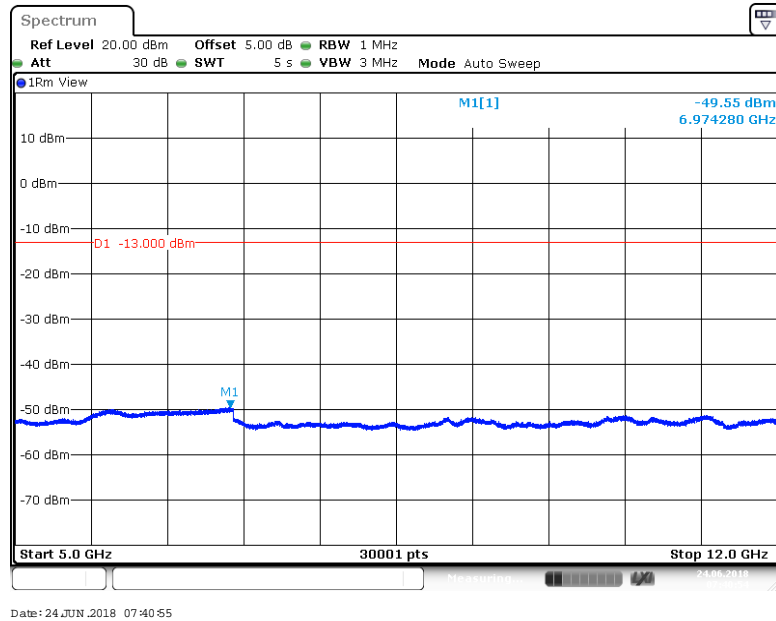
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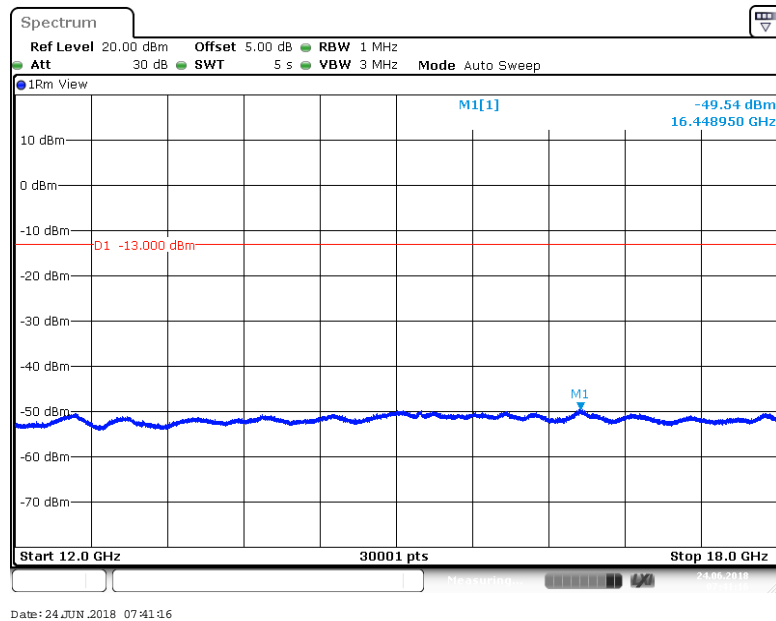
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BAND 66_20MHz_16QAM_132322_1RB#0



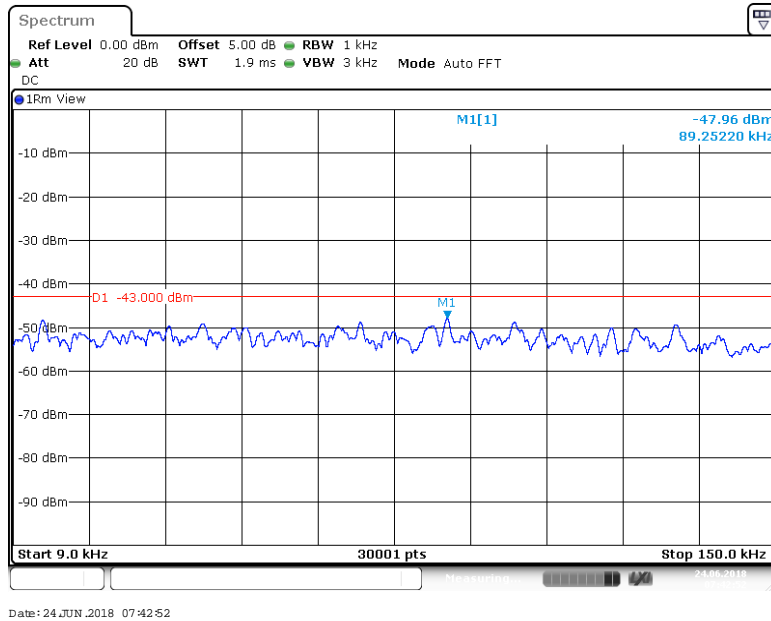
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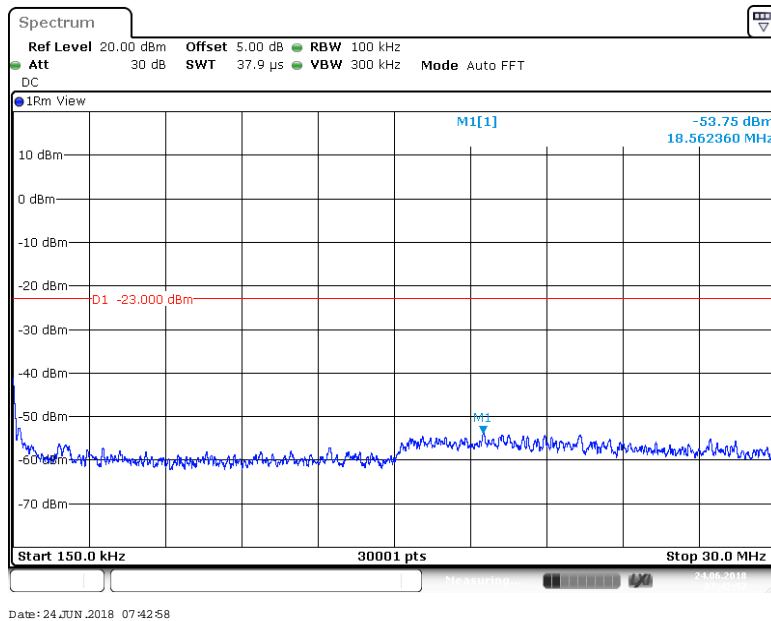
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BAND 66_20MHz_16QAM_132572_1RB#0



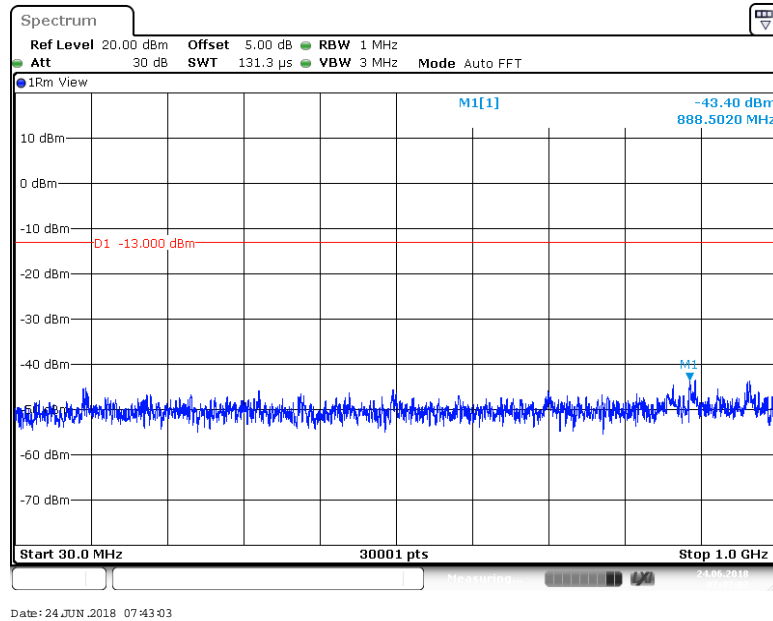
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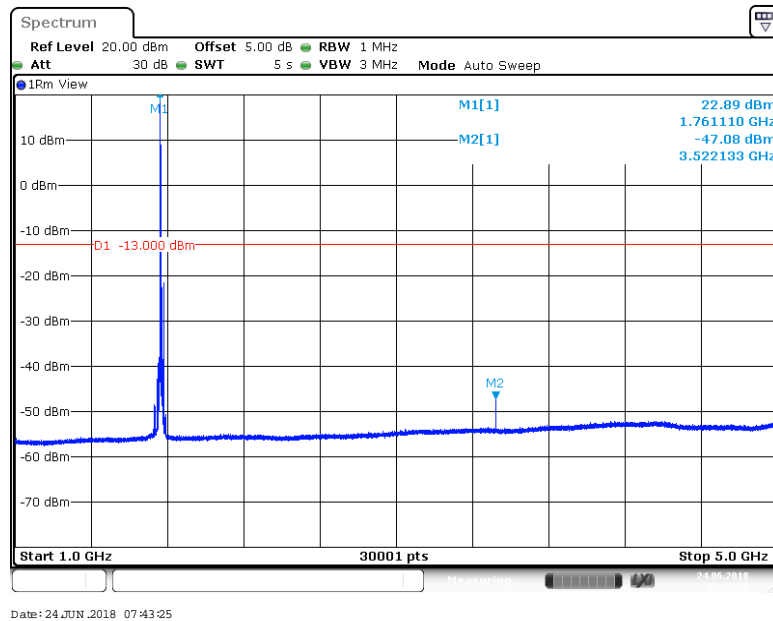
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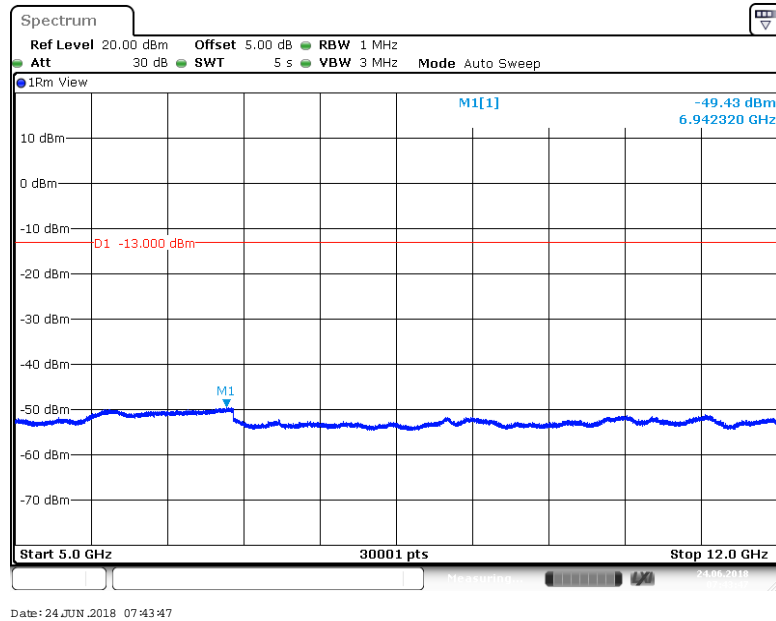
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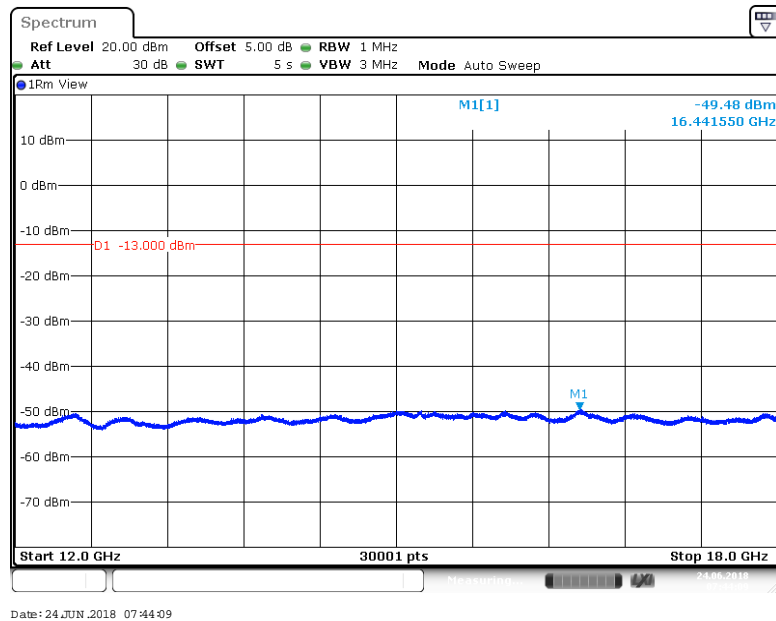
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7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE BAND 66

7.1.1. Test Mode =LTE/TM1 20MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
72.150000	-78.38	-13.00	65.38	Vertical
122.900000	-83.92	-13.00	70.92	Vertical
288.000000	-85.82	-13.00	72.82	Vertical
3422.175000	-47.83	-13.00	34.83	Vertical
5938.650000	-65.57	-13.00	52.57	Vertical
9717.100000	-64.39	-13.00	51.39	Vertical
62.850000	-77.56	-13.00	64.56	Horizontal
158.250000	-76.27	-13.00	63.27	Horizontal
546.937500	-81.63	-13.00	68.63	Horizontal
3429.975000	-63.49	-13.00	50.49	Horizontal
6048.175000	-65.28	-13.00	52.28	Horizontal
7954.625000	-63.77	-13.00	50.77	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
72.200000	-78.60	-13.00	65.60	Vertical
125.000000	-85.16	-13.00	72.16	Vertical
216.400000	-85.71	-13.00	72.71	Vertical
3472.225000	-58.13	-13.00	45.13	Vertical
5221.050000	-66.76	-13.00	53.76	Vertical
7858.425000	-63.85	-13.00	50.85	Vertical
63.650000	-78.02	-13.00	65.02	Horizontal
104.300000	-88.73	-13.00	75.73	Horizontal
199.200000	-85.34	-13.00	72.34	Horizontal
3492.375000	-69.09	-13.00	56.09	Horizontal



5121.925000	-66.74	-13.00	53.74	Horizontal
6903.900000	-65.27	-13.00	52.27	Horizontal

7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
72.100000	-80.52	-13.00	67.52	Vertical
164.750000	-89.56	-13.00	76.56	Vertical
216.000000	-89.27	-13.00	76.27	Vertical
3539.825000	-68.21	-13.00	55.21	Vertical
5395.250000	-66.74	-13.00	53.74	Vertical
7715.750000	-64.47	-13.00	51.47	Vertical
63.300000	-77.66	-13.00	64.66	Horizontal
177.800000	-84.41	-13.00	71.41	Horizontal
407.050000	-86.98	-13.00	73.98	Horizontal
4091.025000	-67.90	-13.00	54.90	Horizontal
5597.075000	-67.01	-13.00	54.01	Horizontal
7853.550000	-64.06	-13.00	51.06	Horizontal

NOTE:

- 1) All modes are tested, but the data presented above is the worst case.the disturbance above 13GHz 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
BAND 66	20MHz	QPSK	132072	100RB#0	VL	NT	2.40	0.001395	±2.5	PASS
BAND 66	20MHz	QPSK	132072	100RB#0	VN	NT	0.60	0.000349	±2.5	PASS
BAND 66	20MHz	QPSK	132072	100RB#0	VH	NT	2.80	0.001628	±2.5	PASS
BAND 66	20MHz	QPSK	132322	100RB#0	VL	NT	-2.70	-0.001547	±2.5	PASS
BAND 66	20MHz	QPSK	132322	100RB#0	VN	NT	-4.60	-0.002636	±2.5	PASS
BAND 66	20MHz	QPSK	132322	100RB#0	VH	NT	-4.60	-0.002636	±2.5	PASS
BAND 66	20MHz	QPSK	132572	100RB#0	VL	NT	3.00	0.001695	±2.5	PASS
BAND 66	20MHz	QPSK	132572	100RB#0	VN	NT	0.00	0.000000	±2.5	PASS
BAND 66	20MHz	QPSK	132572	100RB#0	VH	NT	0.40	0.000226	±2.5	PASS
BAND 66	20MHz	64QAM	132072	100RB#0	VL	NT	-7.60	-0.004419	±2.5	PASS
BAND 66	20MHz	64QAM	132072	100RB#0	VN	NT	1.80	0.001047	±2.5	PASS
BAND 66	20MHz	64QAM	132072	100RB#0	VH	NT	-4.60	-0.002636	±2.5	PASS
BAND 66	20MHz	64QAM	132322	100RB#0	VL	NT	-2.60	-0.001490	±2.5	PASS
BAND 66	20MHz	64QAM	132322	100RB#0	VN	NT	-4.20	-0.002407	±2.5	PASS
BAND 66	20MHz	64QAM	132322	100RB#0	VH	NT	-6.00	-0.003438	±2.5	PASS
BAND 66	20MHz	64QAM	132572	100RB#0	VL	NT	1.40	0.000791	±2.5	PASS
BAND 66	20MHz	64QAM	132572	100RB#0	VN	NT	-4.60	-0.002599	±2.5	PASS
BAND 66	20MHz	64QAM	132572	100RB#0	VH	NT	1.30	0.000734	±2.5	PASS
BAND 66	20MHz	16QAM	132072	100RB#0	VL	NT	2.50	0.001453	±2.5	PASS
BAND 66	20MHz	16QAM	132072	100RB#0	VN	NT	1.60	0.000930	±2.5	PASS
BAND 66	20MHz	16QAM	132072	100RB#0	VH	NT	2.30	0.001337	±2.5	PASS
BAND 66	20MHz	16QAM	132322	100RB#0	VL	NT	-3.40	-0.001948	±2.5	PASS
BAND 66	20MHz	16QAM	132322	100RB#0	VN	NT	-4.10	-0.002350	±2.5	PASS
BAND 66	20MHz	16QAM	132322	100RB#0	VH	NT	-2.10	-0.001203	±2.5	PASS
BAND 66	20MHz	16QAM	132572	100RB#0	VL	NT	-1.10	-0.000621	±2.5	PASS
BAND 66	20MHz	16QAM	132572	100RB#0	VN	NT	2.10	0.001186	±2.5	PASS
BAND 66	20MHz	16QAM	132572	100RB#0	VH	NT	-0.50	-0.000282	±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
BAND 66	20MHz	QPSK	132072	100RB#0	NV	-30	-0.10	-0.000058	±2.5	PASS
BAND 66	20MHz	QPSK	132072	100RB#0	NV	-20	1.70	0.000988	±2.5	PASS
BAND 66	20MHz	QPSK	132072	100RB#0	NV	0	2.50	0.001453	±2.5	PASS
BAND 66	20MHz	QPSK	132072	100RB#0	NV	10	0.30	0.000174	±2.5	PASS
BAND 66	20MHz	QPSK	132072	100RB#0	NV	20	0.00	0.000000	±2.5	PASS
BAND 66	20MHz	QPSK	132322	100RB#0	NV	-30	-4.90	-0.002808	±2.5	PASS
BAND 66	20MHz	QPSK	132322	100RB#0	NV	-20	-5.00	-0.002865	±2.5	PASS
BAND 66	20MHz	QPSK	132322	100RB#0	NV	0	-3.50	-0.002006	±2.5	PASS
BAND 66	20MHz	QPSK	132322	100RB#0	NV	10	-1.70	-0.000974	±2.5	PASS



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BAND 66	20MHz	QPSK	132322	100RB#0	NV	20	-2.40	-0.001375	±2.5	PASS
BAND 66	20MHz	QPSK	132572	100RB#0	NV	-30	1.80	0.001017	±2.5	PASS
BAND 66	20MHz	QPSK	132572	100RB#0	NV	-20	-1.50	-0.000847	±2.5	PASS
BAND 66	20MHz	QPSK	132572	100RB#0	NV	0	-0.40	-0.000226	±2.5	PASS
BAND 66	20MHz	QPSK	132572	100RB#0	NV	10	-0.40	-0.000226	±2.5	PASS
BAND 66	20MHz	QPSK	132572	100RB#0	NV	20	1.80	0.001017	±2.5	PASS
BAND 66	20MHz	64QAM	132072	100RB#0	NV	-30	2.50	0.001453	±2.5	PASS
BAND 66	20MHz	64QAM	132072	100RB#0	NV	-20	3.00	0.001695	±2.5	PASS
BAND 66	20MHz	64QAM	132072	100RB#0	NV	0	2.50	0.001453	±2.5	PASS
BAND 66	20MHz	64QAM	132072	100RB#0	NV	10	3.30	0.001919	±2.5	PASS
BAND 66	20MHz	64QAM	132072	100RB#0	NV	20	0.10	0.000056	±2.5	PASS
BAND 66	20MHz	64QAM	132322	100RB#0	NV	-30	-6.70	-0.003840	±2.5	PASS
BAND 66	20MHz	64QAM	132322	100RB#0	NV	-20	1.70	0.000974	±2.5	PASS
BAND 66	20MHz	64QAM	132322	100RB#0	NV	0	-1.60	-0.000917	±2.5	PASS
BAND 66	20MHz	64QAM	132322	100RB#0	NV	10	-3.00	-0.001719	±2.5	PASS
BAND 66	20MHz	64QAM	132322	100RB#0	NV	20	-1.10	-0.000621	±2.5	PASS
BAND 66	20MHz	64QAM	132572	100RB#0	NV	-30	-2.80	-0.001582	±2.5	PASS
BAND 66	20MHz	64QAM	132572	100RB#0	NV	-20	0.10	0.000056	±2.5	PASS
BAND 66	20MHz	64QAM	132572	100RB#0	NV	0	1.80	0.001017	±2.5	PASS
BAND 66	20MHz	64QAM	132572	100RB#0	NV	10	0.50	0.000282	±2.5	PASS
BAND 66	20MHz	64QAM	132572	100RB#0	NV	20	-0.40	-0.000226	±2.5	PASS
BAND 66	20MHz	16QAM	132072	100RB#0	NV	-30	3.40	0.001977	±2.5	PASS
BAND 66	20MHz	16QAM	132072	100RB#0	NV	-20	0.50	0.000291	±2.5	PASS
BAND 66	20MHz	16QAM	132072	100RB#0	NV	0	2.80	0.001628	±2.5	PASS
BAND 66	20MHz	16QAM	132072	100RB#0	NV	10	3.30	0.001919	±2.5	PASS
BAND 66	20MHz	16QAM	132072	100RB#0	NV	20	0.90	0.000523	±2.5	PASS
BAND 66	20MHz	16QAM	132322	100RB#0	NV	-30	-1.00	-0.000573	±2.5	PASS
BAND 66	20MHz	16QAM	132322	100RB#0	NV	-20	-1.60	-0.000917	±2.5	PASS
BAND 66	20MHz	16QAM	132322	100RB#0	NV	0	-3.00	-0.001719	±2.5	PASS
BAND 66	20MHz	16QAM	132322	100RB#0	NV	10	-2.70	-0.001547	±2.5	PASS
BAND 66	20MHz	16QAM	132322	100RB#0	NV	20	-0.30	-0.000172	±2.5	PASS
BAND 66	20MHz	16QAM	132572	100RB#0	NV	-30	-0.60	-0.000339	±2.5	PASS
BAND 66	20MHz	16QAM	132572	100RB#0	NV	-20	1.80	0.001017	±2.5	PASS
BAND 66	20MHz	16QAM	132572	100RB#0	NV	0	0.50	0.000282	±2.5	PASS
BAND 66	20MHz	16QAM	132572	100RB#0	NV	10	0.90	0.000508	±2.5	PASS
BAND 66	20MHz	16QAM	132572	100RB#0	NV	20	-0.40	-0.000226	±2.5	PASS

The End