



# Appendix B

## **E-UTRA BAND 25** **E-UTRA BAND 2**



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# 1 Effective (Isotropic) Radiated Power Output Data

## 1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND 25	1.4MHz	QPSK	26047	1RB#0	23.20	25.17	33.00	PASS
BAND 25	1.4MHz	QPSK	26047	1RB#2	23.34	25.11	33.00	PASS
BAND 25	1.4MHz	QPSK	26047	1RB#5	23.18	25.22	33.00	PASS
BAND 25	1.4MHz	QPSK	26047	3RB#0	23.27	24.43	33.00	PASS
BAND 25	1.4MHz	QPSK	26047	3RB#1	23.33	24.38	33.00	PASS
BAND 25	1.4MHz	QPSK	26047	3RB#3	23.27	24.31	33.00	PASS
BAND 25	1.4MHz	QPSK	26047	6RB#0	22.26	24.35	33.00	PASS
BAND 25	1.4MHz	QPSK	26365	1RB#0	23.26	25.20	33.00	PASS
BAND 25	1.4MHz	QPSK	26365	1RB#2	23.29	25.24	33.00	PASS
BAND 25	1.4MHz	QPSK	26365	1RB#5	23.16	25.16	33.00	PASS
BAND 25	1.4MHz	QPSK	26365	3RB#0	23.32	24.38	33.00	PASS
BAND 25	1.4MHz	QPSK	26365	3RB#1	23.32	24.34	33.00	PASS
BAND 25	1.4MHz	QPSK	26365	3RB#3	23.33	24.34	33.00	PASS
BAND 25	1.4MHz	QPSK	26365	6RB#0	22.29	24.43	33.00	PASS
BAND 25	1.4MHz	QPSK	26683	1RB#0	23.08	25.36	33.00	PASS
BAND 25	1.4MHz	QPSK	26683	1RB#2	22.98	25.18	33.00	PASS
BAND 25	1.4MHz	QPSK	26683	1RB#5	23.19	25.06	33.00	PASS
BAND 25	1.4MHz	QPSK	26683	3RB#0	23.23	24.30	33.00	PASS
BAND 25	1.4MHz	QPSK	26683	3RB#1	23.24	24.41	33.00	PASS
BAND 25	1.4MHz	QPSK	26683	3RB#3	23.34	24.32	33.00	PASS
BAND 25	1.4MHz	QPSK	26683	6RB#0	22.22	24.38	33.00	PASS
BAND 25	1.4MHz	64QAM	26047	1RB#0	22.27	24.63	33.00	PASS
BAND 25	1.4MHz	64QAM	26047	1RB#2	22.38	24.37	33.00	PASS
BAND 25	1.4MHz	64QAM	26047	1RB#5	22.25	24.27	33.00	PASS
BAND 25	1.4MHz	64QAM	26047	3RB#0	22.29	23.46	33.00	PASS
BAND 25	1.4MHz	64QAM	26047	3RB#1	22.28	23.41	33.00	PASS
BAND 25	1.4MHz	64QAM	26047	3RB#3	22.28	23.33	33.00	PASS
BAND 25	1.4MHz	64QAM	26047	6RB#0	21.27	23.38	33.00	PASS
BAND 25	1.4MHz	64QAM	26365	1RB#0	22.30	24.36	33.00	PASS
BAND 25	1.4MHz	64QAM	26365	1RB#2	22.34	24.34	33.00	PASS
BAND 25	1.4MHz	64QAM	26365	1RB#5	22.29	24.30	33.00	PASS
BAND 25	1.4MHz	64QAM	26365	3RB#0	22.29	23.41	33.00	PASS
BAND 25	1.4MHz	64QAM	26365	3RB#1	22.34	23.34	33.00	PASS
BAND 25	1.4MHz	64QAM	26365	3RB#3	22.23	23.37	33.00	PASS
BAND 25	1.4MHz	64QAM	26365	6RB#0	21.25	23.41	33.00	PASS

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BAND 25	1.4MHz	64QAM	26683	1RB#0	22.30	24.36	33.00	PASS
BAND 25	1.4MHz	64QAM	26683	1RB#2	22.27	24.36	33.00	PASS
BAND 25	1.4MHz	64QAM	26683	1RB#5	22.32	24.37	33.00	PASS
BAND 25	1.4MHz	64QAM	26683	3RB#0	22.22	23.28	33.00	PASS
BAND 25	1.4MHz	64QAM	26683	3RB#1	22.29	23.40	33.00	PASS
BAND 25	1.4MHz	64QAM	26683	3RB#3	22.33	23.31	33.00	PASS
BAND 25	1.4MHz	64QAM	26683	6RB#0	21.22	23.33	33.00	PASS
BAND 25	1.4MHz	16QAM	26047	1RB#0	22.41	24.74	33.00	PASS
BAND 25	1.4MHz	16QAM	26047	1RB#2	22.39	24.49	33.00	PASS
BAND 25	1.4MHz	16QAM	26047	1RB#5	22.42	24.51	33.00	PASS
BAND 25	1.4MHz	16QAM	26047	3RB#0	22.36	23.48	33.00	PASS
BAND 25	1.4MHz	16QAM	26047	3RB#1	22.34	23.44	33.00	PASS
BAND 25	1.4MHz	16QAM	26047	3RB#3	22.31	23.39	33.00	PASS
BAND 25	1.4MHz	16QAM	26047	6RB#0	21.37	23.42	33.00	PASS
BAND 25	1.4MHz	16QAM	26365	1RB#0	22.52	24.47	33.00	PASS
BAND 25	1.4MHz	16QAM	26365	1RB#2	22.45	24.47	33.00	PASS
BAND 25	1.4MHz	16QAM	26365	1RB#5	22.30	24.42	33.00	PASS
BAND 25	1.4MHz	16QAM	26365	3RB#0	22.40	23.45	33.00	PASS
BAND 25	1.4MHz	16QAM	26365	3RB#1	22.40	23.38	33.00	PASS
BAND 25	1.4MHz	16QAM	26365	3RB#3	22.30	23.43	33.00	PASS
BAND 25	1.4MHz	16QAM	26365	6RB#0	21.35	23.41	33.00	PASS
BAND 25	1.4MHz	16QAM	26683	1RB#0	22.43	24.48	33.00	PASS
BAND 25	1.4MHz	16QAM	26683	1RB#2	22.45	24.45	33.00	PASS
BAND 25	1.4MHz	16QAM	26683	1RB#5	22.31	24.39	33.00	PASS
BAND 25	1.4MHz	16QAM	26683	3RB#0	22.21	23.41	33.00	PASS
BAND 25	1.4MHz	16QAM	26683	3RB#1	22.16	23.48	33.00	PASS
BAND 25	1.4MHz	16QAM	26683	3RB#3	22.28	23.36	33.00	PASS
BAND 25	1.4MHz	16QAM	26683	6RB#0	21.32	23.32	33.00	PASS
BAND 25	3MHz	QPSK	26055	1RB#0	23.20	25.22	33.00	PASS
BAND 25	3MHz	QPSK	26055	1RB#8	23.17	25.32	33.00	PASS
BAND 25	3MHz	QPSK	26055	1RB#14	23.13	25.14	33.00	PASS
BAND 25	3MHz	QPSK	26055	8RB#0	22.34	24.46	33.00	PASS
BAND 25	3MHz	QPSK	26055	8RB#4	22.31	24.47	33.00	PASS
BAND 25	3MHz	QPSK	26055	8RB#7	22.26	24.40	33.00	PASS
BAND 25	3MHz	QPSK	26055	15RB#0	22.31	25.20	33.00	PASS
BAND 25	3MHz	QPSK	26365	1RB#0	23.28	25.34	33.00	PASS
BAND 25	3MHz	QPSK	26365	1RB#8	23.21	25.18	33.00	PASS
BAND 25	3MHz	QPSK	26365	1RB#14	23.18	25.27	33.00	PASS
BAND 25	3MHz	QPSK	26365	8RB#0	22.27	25.33	33.00	PASS
BAND 25	3MHz	QPSK	26365	8RB#4	22.32	25.27	33.00	PASS
BAND 25	3MHz	QPSK	26365	8RB#7	22.35	24.26	33.00	PASS
BAND 25	3MHz	QPSK	26365	15RB#0	22.29	25.26	33.00	PASS

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BAND 25	3MHz	QPSK	26675	1RB#0	23.30	25.29	33.00	PASS
BAND 25	3MHz	QPSK	26675	1RB#8	23.22	25.16	33.00	PASS
BAND 25	3MHz	QPSK	26675	1RB#14	23.13	25.32	33.00	PASS
BAND 25	3MHz	QPSK	26675	8RB#0	22.38	25.32	33.00	PASS
BAND 25	3MHz	QPSK	26675	8RB#4	22.36	25.33	33.00	PASS
BAND 25	3MHz	QPSK	26675	8RB#7	22.27	24.29	33.00	PASS
BAND 25	3MHz	QPSK	26675	15RB#0	22.37	25.08	33.00	PASS
BAND 25	3MHz	64QAM	26055	1RB#0	22.38	24.98	33.00	PASS
BAND 25	3MHz	64QAM	26055	1RB#8	22.28	25.19	33.00	PASS
BAND 25	3MHz	64QAM	26055	1RB#14	22.45	25.23	33.00	PASS
BAND 25	3MHz	64QAM	26055	8RB#0	21.38	25.24	33.00	PASS
BAND 25	3MHz	64QAM	26055	8RB#4	21.18	25.34	33.00	PASS
BAND 25	3MHz	64QAM	26055	8RB#7	21.23	24.22	33.00	PASS
BAND 25	3MHz	64QAM	26055	15RB#0	21.38	24.27	33.00	PASS
BAND 25	3MHz	64QAM	26365	1RB#0	22.34	24.38	33.00	PASS
BAND 25	3MHz	64QAM	26365	1RB#8	22.32	24.25	33.00	PASS
BAND 25	3MHz	64QAM	26365	1RB#14	22.33	24.29	33.00	PASS
BAND 25	3MHz	64QAM	26365	8RB#0	22.29	24.28	33.00	PASS
BAND 25	3MHz	64QAM	26365	8RB#4	21.38	24.28	33.00	PASS
BAND 25	3MHz	64QAM	26365	8RB#7	21.21	23.27	33.00	PASS
BAND 25	3MHz	64QAM	26365	15RB#0	21.37	24.30	33.00	PASS
BAND 25	3MHz	64QAM	26675	1RB#0	22.67	24.34	33.00	PASS
BAND 25	3MHz	64QAM	26675	1RB#8	22.45	24.29	33.00	PASS
BAND 25	3MHz	64QAM	26675	1RB#14	22.30	24.29	33.00	PASS
BAND 25	3MHz	64QAM	26675	8RB#0	22.08	24.34	33.00	PASS
BAND 25	3MHz	64QAM	26675	8RB#4	21.45	24.23	33.00	PASS
BAND 25	3MHz	64QAM	26675	8RB#7	21.38	23.25	33.00	PASS
BAND 25	3MHz	64QAM	26675	15RB#0	21.31	24.30	33.00	PASS
BAND 25	3MHz	16QAM	26055	1RB#0	22.46	24.27	33.00	PASS
BAND 25	3MHz	16QAM	26055	1RB#8	22.43	24.32	33.00	PASS
BAND 25	3MHz	16QAM	26055	1RB#14	22.29	24.22	33.00	PASS
BAND 25	3MHz	16QAM	26055	8RB#0	21.38	24.29	33.00	PASS
BAND 25	3MHz	16QAM	26055	8RB#4	21.30	24.33	33.00	PASS
BAND 25	3MHz	16QAM	26055	8RB#7	21.27	23.22	33.00	PASS
BAND 25	3MHz	16QAM	26055	15RB#0	21.31	24.41	33.00	PASS
BAND 25	3MHz	16QAM	26365	1RB#0	22.39	24.39	33.00	PASS
BAND 25	3MHz	16QAM	26365	1RB#8	22.39	24.42	33.00	PASS
BAND 25	3MHz	16QAM	26365	1RB#14	22.44	24.36	33.00	PASS
BAND 25	3MHz	16QAM	26365	8RB#0	21.27	24.34	33.00	PASS
BAND 25	3MHz	16QAM	26365	8RB#4	21.42	24.31	33.00	PASS
BAND 25	3MHz	16QAM	26365	8RB#7	21.40	23.37	33.00	PASS
BAND 25	3MHz	16QAM	26365	15RB#0	21.29	24.52	33.00	PASS

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BAND 25	3MHz	16QAM	26675	1RB#0	22.57	24.45	33.00	PASS
BAND 25	3MHz	16QAM	26675	1RB#8	22.43	24.30	33.00	PASS
BAND 25	3MHz	16QAM	26675	1RB#14	22.43	24.40	33.00	PASS
BAND 25	3MHz	16QAM	26675	8RB#0	21.40	24.40	33.00	PASS
BAND 25	3MHz	16QAM	26675	8RB#4	21.43	24.30	33.00	PASS
BAND 25	3MHz	16QAM	26675	8RB#7	21.33	23.35	33.00	PASS
BAND 25	3MHz	16QAM	26675	15RB#0	21.34	24.43	33.00	PASS
BAND 25	5MHz	QPSK	26065	1RB#0	23.30	24.45	33.00	PASS
BAND 25	5MHz	QPSK	26065	1RB#12	23.18	24.31	33.00	PASS
BAND 25	5MHz	QPSK	26065	1RB#24	23.12	24.21	33.00	PASS
BAND 25	5MHz	QPSK	26065	12RB#0	22.38	24.16	33.00	PASS
BAND 25	5MHz	QPSK	26065	12RB#6	22.26	24.28	33.00	PASS
BAND 25	5MHz	QPSK	26065	12RB#13	22.25	23.32	33.00	PASS
BAND 25	5MHz	QPSK	26065	25RB#0	22.27	25.20	33.00	PASS
BAND 25	5MHz	QPSK	26365	1RB#0	23.31	25.17	33.00	PASS
BAND 25	5MHz	QPSK	26365	1RB#12	23.23	25.13	33.00	PASS
BAND 25	5MHz	QPSK	26365	1RB#24	23.22	24.34	33.00	PASS
BAND 25	5MHz	QPSK	26365	12RB#0	22.32	24.31	33.00	PASS
BAND 25	5MHz	QPSK	26365	12RB#6	22.31	24.26	33.00	PASS
BAND 25	5MHz	QPSK	26365	12RB#13	22.28	24.31	33.00	PASS
BAND 25	5MHz	QPSK	26365	25RB#0	22.34	25.28	33.00	PASS
BAND 25	5MHz	QPSK	26665	1RB#0	23.48	25.21	33.00	PASS
BAND 25	5MHz	QPSK	26665	1RB#12	23.21	25.18	33.00	PASS
BAND 25	5MHz	QPSK	26665	1RB#24	23.19	24.27	33.00	PASS
BAND 25	5MHz	QPSK	26665	12RB#0	22.40	24.32	33.00	PASS
BAND 25	5MHz	QPSK	26665	12RB#6	22.38	24.35	33.00	PASS
BAND 25	5MHz	QPSK	26665	12RB#13	22.28	24.29	33.00	PASS
BAND 25	5MHz	QPSK	26665	25RB#0	22.37	25.30	33.00	PASS
BAND 25	5MHz	64QAM	26065	1RB#0	22.49	25.22	33.00	PASS
BAND 25	5MHz	64QAM	26065	1RB#12	22.54	25.13	33.00	PASS
BAND 25	5MHz	64QAM	26065	1RB#24	22.26	24.38	33.00	PASS
BAND 25	5MHz	64QAM	26065	12RB#0	21.49	24.36	33.00	PASS
BAND 25	5MHz	64QAM	26065	12RB#6	21.33	24.27	33.00	PASS
BAND 25	5MHz	64QAM	26065	12RB#13	21.30	24.37	33.00	PASS
BAND 25	5MHz	64QAM	26065	25RB#0	21.35	24.38	33.00	PASS
BAND 25	5MHz	64QAM	26365	1RB#0	22.47	24.28	33.00	PASS
BAND 25	5MHz	64QAM	26365	1RB#12	22.36	24.45	33.00	PASS
BAND 25	5MHz	64QAM	26365	1RB#24	22.21	23.38	33.00	PASS
BAND 25	5MHz	64QAM	26365	12RB#0	21.38	23.18	33.00	PASS
BAND 25	5MHz	64QAM	26365	12RB#6	21.21	23.23	33.00	PASS
BAND 25	5MHz	64QAM	26365	12RB#13	21.34	23.38	33.00	PASS
BAND 25	5MHz	64QAM	26365	25RB#0	21.40	24.34	33.00	PASS

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BAND 25	5MHz	64QAM	26665	1RB#0	22.52	24.32	33.00	PASS
BAND 25	5MHz	64QAM	26665	1RB#12	22.65	24.33	33.00	PASS
BAND 25	5MHz	64QAM	26665	1RB#24	22.45	24.29	33.00	PASS
BAND 25	5MHz	64QAM	26665	12RB#0	21.55	23.38	33.00	PASS
BAND 25	5MHz	64QAM	26665	12RB#6	21.52	23.21	33.00	PASS
BAND 25	5MHz	64QAM	26665	12RB#13	21.44	23.37	33.00	PASS
BAND 25	5MHz	64QAM	26665	25RB#0	21.33	24.67	33.00	PASS
BAND 25	5MHz	16QAM	26065	1RB#0	22.51	24.45	33.00	PASS
BAND 25	5MHz	16QAM	26065	1RB#12	22.42	24.30	33.00	PASS
BAND 25	5MHz	16QAM	26065	1RB#24	22.49	24.08	33.00	PASS
BAND 25	5MHz	16QAM	26065	12RB#0	21.36	23.45	33.00	PASS
BAND 25	5MHz	16QAM	26065	12RB#6	21.30	23.38	33.00	PASS
BAND 25	5MHz	16QAM	26065	12RB#13	21.27	23.31	33.00	PASS
BAND 25	5MHz	16QAM	26065	25RB#0	21.23	24.46	33.00	PASS
BAND 25	5MHz	16QAM	26365	1RB#0	22.56	24.43	33.00	PASS
BAND 25	5MHz	16QAM	26365	1RB#12	22.36	24.29	33.00	PASS
BAND 25	5MHz	16QAM	26365	1RB#24	22.52	23.38	33.00	PASS
BAND 25	5MHz	16QAM	26365	12RB#0	21.36	23.30	33.00	PASS
BAND 25	5MHz	16QAM	26365	12RB#6	21.41	23.27	33.00	PASS
BAND 25	5MHz	16QAM	26365	12RB#13	21.28	23.31	33.00	PASS
BAND 25	5MHz	16QAM	26365	25RB#0	21.35	24.39	33.00	PASS
BAND 25	5MHz	16QAM	26665	1RB#0	22.74	24.39	33.00	PASS
BAND 25	5MHz	16QAM	26665	1RB#12	22.64	24.44	33.00	PASS
BAND 25	5MHz	16QAM	26665	1RB#24	22.45	23.27	33.00	PASS
BAND 25	5MHz	16QAM	26665	12RB#0	21.42	23.42	33.00	PASS
BAND 25	5MHz	16QAM	26665	12RB#6	21.42	23.40	33.00	PASS
BAND 25	5MHz	16QAM	26665	12RB#13	21.36	23.29	33.00	PASS
BAND 25	5MHz	16QAM	26665	25RB#0	21.41	24.57	33.00	PASS
BAND 25	10MHz	QPSK	26090	1RB#0	23.44	24.43	33.00	PASS
BAND 25	10MHz	QPSK	26090	1RB#24	23.19	24.43	33.00	PASS
BAND 25	10MHz	QPSK	26090	1RB#49	23.16	23.40	33.00	PASS
BAND 25	10MHz	QPSK	26090	25RB#0	22.40	23.43	33.00	PASS
BAND 25	10MHz	QPSK	26090	25RB#12	22.29	23.33	33.00	PASS
BAND 25	10MHz	QPSK	26090	25RB#25	22.30	23.34	33.00	PASS
BAND 25	10MHz	QPSK	26090	50RB#0	22.34	25.30	33.00	PASS
BAND 25	10MHz	QPSK	26365	1RB#0	23.44	25.18	33.00	PASS
BAND 25	10MHz	QPSK	26365	1RB#24	23.24	25.12	33.00	PASS
BAND 25	10MHz	QPSK	26365	1RB#49	23.32	24.38	33.00	PASS
BAND 25	10MHz	QPSK	26365	25RB#0	22.37	24.26	33.00	PASS
BAND 25	10MHz	QPSK	26365	25RB#12	22.38	24.25	33.00	PASS
BAND 25	10MHz	QPSK	26365	25RB#25	22.38	24.27	33.00	PASS
BAND 25	10MHz	QPSK	26365	50RB#0	22.38	25.31	33.00	PASS

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BAND 25	10MHz	QPSK	26640	1RB#0	23.70	25.23	33.00	PASS
BAND 25	10MHz	QPSK	26640	1RB#24	23.31	25.22	33.00	PASS
BAND 25	10MHz	QPSK	26640	1RB#49	23.23	24.32	33.00	PASS
BAND 25	10MHz	QPSK	26640	25RB#0	22.64	24.31	33.00	PASS
BAND 25	10MHz	QPSK	26640	25RB#12	22.56	24.28	33.00	PASS
BAND 25	10MHz	QPSK	26640	25RB#25	22.36	24.34	33.00	PASS
BAND 25	10MHz	QPSK	26640	50RB#0	22.55	25.48	33.00	PASS
BAND 25	10MHz	64QAM	26090	1RB#0	22.69	25.21	33.00	PASS
BAND 25	10MHz	64QAM	26090	1RB#24	22.29	25.19	33.00	PASS
BAND 25	10MHz	64QAM	26090	1RB#49	22.40	24.40	33.00	PASS
BAND 25	10MHz	64QAM	26090	25RB#0	21.50	24.38	33.00	PASS
BAND 25	10MHz	64QAM	26090	25RB#12	21.36	24.28	33.00	PASS
BAND 25	10MHz	64QAM	26090	25RB#25	21.38	24.37	33.00	PASS
BAND 25	10MHz	64QAM	26090	50RB#0	21.39	24.49	33.00	PASS
BAND 25	10MHz	64QAM	26365	1RB#0	22.60	24.54	33.00	PASS
BAND 25	10MHz	64QAM	26365	1RB#24	22.40	24.26	33.00	PASS
BAND 25	10MHz	64QAM	26365	1RB#49	22.50	23.49	33.00	PASS
BAND 25	10MHz	64QAM	26365	25RB#0	21.48	23.33	33.00	PASS
BAND 25	10MHz	64QAM	26365	25RB#12	21.49	23.30	33.00	PASS
BAND 25	10MHz	64QAM	26365	25RB#25	21.44	23.35	33.00	PASS
BAND 25	10MHz	64QAM	26365	50RB#0	21.48	24.47	33.00	PASS
BAND 25	10MHz	64QAM	26640	1RB#0	22.76	24.36	33.00	PASS
BAND 25	10MHz	64QAM	26640	1RB#24	22.52	24.21	33.00	PASS
BAND 25	10MHz	64QAM	26640	1RB#49	22.25	23.38	33.00	PASS
BAND 25	10MHz	64QAM	26640	25RB#0	21.65	23.21	33.00	PASS
BAND 25	10MHz	64QAM	26640	25RB#12	21.60	23.34	33.00	PASS
BAND 25	10MHz	64QAM	26640	25RB#25	21.52	23.40	33.00	PASS
BAND 25	10MHz	64QAM	26640	50RB#0	21.58	24.52	33.00	PASS
BAND 25	10MHz	16QAM	26090	1RB#0	22.63	24.65	33.00	PASS
BAND 25	10MHz	16QAM	26090	1RB#24	22.34	24.45	33.00	PASS
BAND 25	10MHz	16QAM	26090	1RB#49	22.39	23.55	33.00	PASS
BAND 25	10MHz	16QAM	26090	25RB#0	21.32	23.52	33.00	PASS
BAND 25	10MHz	16QAM	26090	25RB#12	21.26	23.44	33.00	PASS
BAND 25	10MHz	16QAM	26090	25RB#25	21.29	23.33	33.00	PASS
BAND 25	10MHz	16QAM	26090	50RB#0	21.27	24.51	33.00	PASS
BAND 25	10MHz	16QAM	26365	1RB#0	22.66	24.42	33.00	PASS
BAND 25	10MHz	16QAM	26365	1RB#24	22.49	24.49	33.00	PASS
BAND 25	10MHz	16QAM	26365	1RB#49	22.48	23.36	33.00	PASS
BAND 25	10MHz	16QAM	26365	25RB#0	21.37	23.30	33.00	PASS
BAND 25	10MHz	16QAM	26365	25RB#12	21.35	23.27	33.00	PASS
BAND 25	10MHz	16QAM	26365	25RB#25	21.31	23.23	33.00	PASS
BAND 25	10MHz	16QAM	26365	50RB#0	21.34	24.56	33.00	PASS

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BAND 25	10MHz	16QAM	26640	1RB#0	22.90	24.36	33.00	PASS
BAND 25	10MHz	16QAM	26640	1RB#24	22.51	24.52	33.00	PASS
BAND 25	10MHz	16QAM	26640	1RB#49	22.55	23.36	33.00	PASS
BAND 25	10MHz	16QAM	26640	25RB#0	21.61	23.41	33.00	PASS
BAND 25	10MHz	16QAM	26640	25RB#12	21.49	23.28	33.00	PASS
BAND 25	10MHz	16QAM	26640	25RB#25	21.32	23.35	33.00	PASS
BAND 25	10MHz	16QAM	26640	50RB#0	21.52	24.74	33.00	PASS
BAND 25	15MHz	QPSK	26115	1RB#0	23.89	24.64	33.00	PASS
BAND 25	15MHz	QPSK	26115	1RB#38	23.32	24.45	33.00	PASS
BAND 25	15MHz	QPSK	26115	1RB#74	23.54	23.42	33.00	PASS
BAND 25	15MHz	QPSK	26115	36RB#0	22.63	23.42	33.00	PASS
BAND 25	15MHz	QPSK	26115	36RB#18	22.43	23.36	33.00	PASS
BAND 25	15MHz	QPSK	26115	36RB#39	22.40	23.41	33.00	PASS
BAND 25	15MHz	QPSK	26115	75RB#0	22.51	25.44	33.00	PASS
BAND 25	15MHz	QPSK	26365	1RB#0	23.92	25.19	33.00	PASS
BAND 25	15MHz	QPSK	26365	1RB#38	23.34	25.16	33.00	PASS
BAND 25	15MHz	QPSK	26365	1RB#74	23.65	24.40	33.00	PASS
BAND 25	15MHz	QPSK	26365	36RB#0	22.61	24.29	33.00	PASS
BAND 25	15MHz	QPSK	26365	36RB#18	22.48	24.30	33.00	PASS
BAND 25	15MHz	QPSK	26365	36RB#39	22.54	24.34	33.00	PASS
BAND 25	15MHz	QPSK	26365	75RB#0	22.59	25.44	33.00	PASS
BAND 25	15MHz	QPSK	26615	1RB#0	24.11	25.24	33.00	PASS
BAND 25	15MHz	QPSK	26615	1RB#38	23.42	25.32	33.00	PASS
BAND 25	15MHz	QPSK	26615	1RB#74	23.47	24.37	33.00	PASS
BAND 25	15MHz	QPSK	26615	36RB#0	22.83	24.38	33.00	PASS
BAND 25	15MHz	QPSK	26615	36RB#18	22.49	24.38	33.00	PASS
BAND 25	15MHz	QPSK	26615	36RB#39	22.45	24.38	33.00	PASS
BAND 25	15MHz	QPSK	26615	75RB#0	22.75	25.70	33.00	PASS
BAND 25	15MHz	64QAM	26115	1RB#0	23.10	25.31	33.00	PASS
BAND 25	15MHz	64QAM	26115	1RB#38	22.47	25.23	33.00	PASS
BAND 25	15MHz	64QAM	26115	1RB#74	22.31	24.64	33.00	PASS
BAND 25	15MHz	64QAM	26115	36RB#0	21.66	24.56	33.00	PASS
BAND 25	15MHz	64QAM	26115	36RB#18	21.56	24.36	33.00	PASS
BAND 25	15MHz	64QAM	26115	36RB#39	21.48	24.55	33.00	PASS
BAND 25	15MHz	64QAM	26115	75RB#0	21.62	24.69	33.00	PASS
BAND 25	15MHz	64QAM	26365	1RB#0	23.08	24.29	33.00	PASS
BAND 25	15MHz	64QAM	26365	1RB#38	22.98	24.40	33.00	PASS
BAND 25	15MHz	64QAM	26365	1RB#74	22.89	23.50	33.00	PASS
BAND 25	15MHz	64QAM	26365	36RB#0	21.68	23.36	33.00	PASS
BAND 25	15MHz	64QAM	26365	36RB#18	21.66	23.38	33.00	PASS
BAND 25	15MHz	64QAM	26365	36RB#39	21.59	23.39	33.00	PASS
BAND 25	15MHz	64QAM	26365	75RB#0	21.63	24.60	33.00	PASS

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BAND 25	15MHz	64QAM	26615	1RB#0	23.29	24.40	33.00	PASS
BAND 25	15MHz	64QAM	26615	1RB#38	22.61	24.50	33.00	PASS
BAND 25	15MHz	64QAM	26615	1RB#74	22.56	23.48	33.00	PASS
BAND 25	15MHz	64QAM	26615	36RB#0	21.90	23.49	33.00	PASS
BAND 25	15MHz	64QAM	26615	36RB#18	21.63	23.44	33.00	PASS
BAND 25	15MHz	64QAM	26615	36RB#39	21.44	23.48	33.00	PASS
BAND 25	15MHz	64QAM	26615	75RB#0	21.82	24.76	33.00	PASS
BAND 25	15MHz	16QAM	26115	1RB#0	23.22	24.52	33.00	PASS
BAND 25	15MHz	16QAM	26115	1RB#38	22.49	24.25	33.00	PASS
BAND 25	15MHz	16QAM	26115	1RB#74	22.73	23.65	33.00	PASS
BAND 25	15MHz	16QAM	26115	36RB#0	21.59	23.60	33.00	PASS
BAND 25	15MHz	16QAM	26115	36RB#18	21.39	23.52	33.00	PASS
BAND 25	15MHz	16QAM	26115	36RB#39	21.32	23.58	33.00	PASS
BAND 25	15MHz	16QAM	26115	75RB#0	21.47	24.63	33.00	PASS
BAND 25	15MHz	16QAM	26365	1RB#0	23.15	24.34	33.00	PASS
BAND 25	15MHz	16QAM	26365	1RB#38	22.45	24.39	33.00	PASS
BAND 25	15MHz	16QAM	26365	1RB#74	22.88	23.32	33.00	PASS
BAND 25	15MHz	16QAM	26365	36RB#0	21.59	23.26	33.00	PASS
BAND 25	15MHz	16QAM	26365	36RB#18	21.49	23.29	33.00	PASS
BAND 25	15MHz	16QAM	26365	36RB#39	21.49	23.27	33.00	PASS
BAND 25	15MHz	16QAM	26365	75RB#0	21.55	24.66	33.00	PASS
BAND 25	15MHz	16QAM	26615	1RB#0	23.39	24.49	33.00	PASS
BAND 25	15MHz	16QAM	26615	1RB#38	22.71	24.48	33.00	PASS
BAND 25	15MHz	16QAM	26615	1RB#74	22.64	23.37	33.00	PASS
BAND 25	15MHz	16QAM	26615	36RB#0	21.82	23.35	33.00	PASS
BAND 25	15MHz	16QAM	26615	36RB#18	21.47	23.31	33.00	PASS
BAND 25	15MHz	16QAM	26615	36RB#39	21.43	23.34	33.00	PASS
BAND 25	15MHz	16QAM	26615	75RB#0	21.69	24.90	33.00	PASS
BAND 25	20MHz	QPSK	26140	1RB#0	24.26	25.17	33.00	PASS
BAND 25	20MHz	QPSK	26140	1RB#49	23.25	25.11	33.00	PASS
BAND 25	20MHz	QPSK	26140	1RB#99	23.63	25.22	33.00	PASS
BAND 25	20MHz	QPSK	26140	50RB#0	22.67	24.43	33.00	PASS
BAND 25	20MHz	QPSK	26140	50RB#25	22.46	24.38	33.00	PASS
BAND 25	20MHz	QPSK	26140	50RB#50	22.50	24.31	33.00	PASS
BAND 25	20MHz	QPSK	26140	100RB#0	22.59	24.35	33.00	PASS
BAND 25	20MHz	QPSK	26365	1RB#0	24.23	25.20	33.00	PASS
BAND 25	20MHz	QPSK	26365	1RB#49	23.38	25.24	33.00	PASS
BAND 25	20MHz	QPSK	26365	1RB#99	23.80	25.16	33.00	PASS
BAND 25	20MHz	QPSK	26365	50RB#0	22.79	24.38	33.00	PASS
BAND 25	20MHz	QPSK	26365	50RB#25	22.51	24.34	33.00	PASS
BAND 25	20MHz	QPSK	26365	50RB#50	22.67	24.34	33.00	PASS
BAND 25	20MHz	QPSK	26365	100RB#0	22.72	24.43	33.00	PASS

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BAND 25	20MHz	QPSK	26590	1RB#0	24.39	25.36	33.00	PASS
BAND 25	20MHz	QPSK	26590	1RB#49	23.49	25.18	33.00	PASS
BAND 25	20MHz	QPSK	26590	1RB#99	23.45	25.06	33.00	PASS
BAND 25	20MHz	QPSK	26590	50RB#0	22.88	24.30	33.00	PASS
BAND 25	20MHz	QPSK	26590	50RB#25	22.57	24.41	33.00	PASS
BAND 25	20MHz	QPSK	26590	50RB#50	22.57	24.32	33.00	PASS
BAND 25	20MHz	QPSK	26590	100RB#0	22.75	24.38	33.00	PASS
BAND 25	20MHz	64QAM	26140	1RB#0	23.39	24.63	33.00	PASS
BAND 25	20MHz	64QAM	26140	1RB#49	22.30	24.37	33.00	PASS
BAND 25	20MHz	64QAM	26140	1RB#99	22.31	24.27	33.00	PASS
BAND 25	20MHz	64QAM	26140	50RB#0	21.99	23.46	33.00	PASS
BAND 25	20MHz	64QAM	26140	50RB#25	21.87	23.41	33.00	PASS
BAND 25	20MHz	64QAM	26140	50RB#50	21.88	23.33	33.00	PASS
BAND 25	20MHz	64QAM	26140	100RB#0	21.70	23.38	33.00	PASS
BAND 25	20MHz	64QAM	26365	1RB#0	23.48	24.36	33.00	PASS
BAND 25	20MHz	64QAM	26365	1RB#49	22.45	24.34	33.00	PASS
BAND 25	20MHz	64QAM	26365	1RB#99	23.05	24.30	33.00	PASS
BAND 25	20MHz	64QAM	26365	50RB#0	21.92	23.41	33.00	PASS
BAND 25	20MHz	64QAM	26365	50RB#25	21.61	23.34	33.00	PASS
BAND 25	20MHz	64QAM	26365	50RB#50	21.70	23.37	33.00	PASS
BAND 25	20MHz	64QAM	26365	100RB#0	21.78	23.41	33.00	PASS
BAND 25	20MHz	64QAM	26590	1RB#0	23.66	24.36	33.00	PASS
BAND 25	20MHz	64QAM	26590	1RB#49	23.29	24.36	33.00	PASS
BAND 25	20MHz	64QAM	26590	1RB#99	22.81	24.37	33.00	PASS
BAND 25	20MHz	64QAM	26590	50RB#0	21.96	23.28	33.00	PASS
BAND 25	20MHz	64QAM	26590	50RB#25	21.67	23.40	33.00	PASS
BAND 25	20MHz	64QAM	26590	50RB#50	21.65	23.31	33.00	PASS
BAND 25	20MHz	64QAM	26590	100RB#0	21.85	23.33	33.00	PASS
BAND 25	20MHz	16QAM	26140	1RB#0	23.50	24.74	33.00	PASS
BAND 25	20MHz	16QAM	26140	1RB#49	22.41	24.49	33.00	PASS
BAND 25	20MHz	16QAM	26140	1RB#99	22.84	24.51	33.00	PASS
BAND 25	20MHz	16QAM	26140	50RB#0	21.68	23.48	33.00	PASS
BAND 25	20MHz	16QAM	26140	50RB#25	21.38	23.44	33.00	PASS
BAND 25	20MHz	16QAM	26140	50RB#50	21.48	23.39	33.00	PASS
BAND 25	20MHz	16QAM	26140	100RB#0	21.53	23.42	33.00	PASS
BAND 25	20MHz	16QAM	26365	1RB#0	23.50	24.47	33.00	PASS
BAND 25	20MHz	16QAM	26365	1RB#49	22.59	24.47	33.00	PASS
BAND 25	20MHz	16QAM	26365	1RB#99	22.94	24.42	33.00	PASS
BAND 25	20MHz	16QAM	26365	50RB#0	21.75	23.45	33.00	PASS
BAND 25	20MHz	16QAM	26365	50RB#25	21.51	23.38	33.00	PASS
BAND 25	20MHz	16QAM	26365	50RB#50	21.58	23.43	33.00	PASS
BAND 25	20MHz	16QAM	26365	100RB#0	21.65	23.41	33.00	PASS

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BAND 25	20MHz	16QAM	26590	1RB#0	23.70	24.48	33.00	PASS
BAND 25	20MHz	16QAM	26590	1RB#49	22.54	24.45	33.00	PASS
BAND 25	20MHz	16QAM	26590	1RB#99	22.67	24.39	33.00	PASS
BAND 25	20MHz	16QAM	26590	50RB#0	21.86	23.41	33.00	PASS
BAND 25	20MHz	16QAM	26590	50RB#25	21.54	23.48	33.00	PASS
BAND 25	20MHz	16QAM	26590	50RB#50	21.58	23.36	33.00	PASS
BAND 25	20MHz	16QAM	26590	100RB#0	21.68	23.32	33.00	PASS

Note:

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

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

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

b: SGP=Signal Generator Level

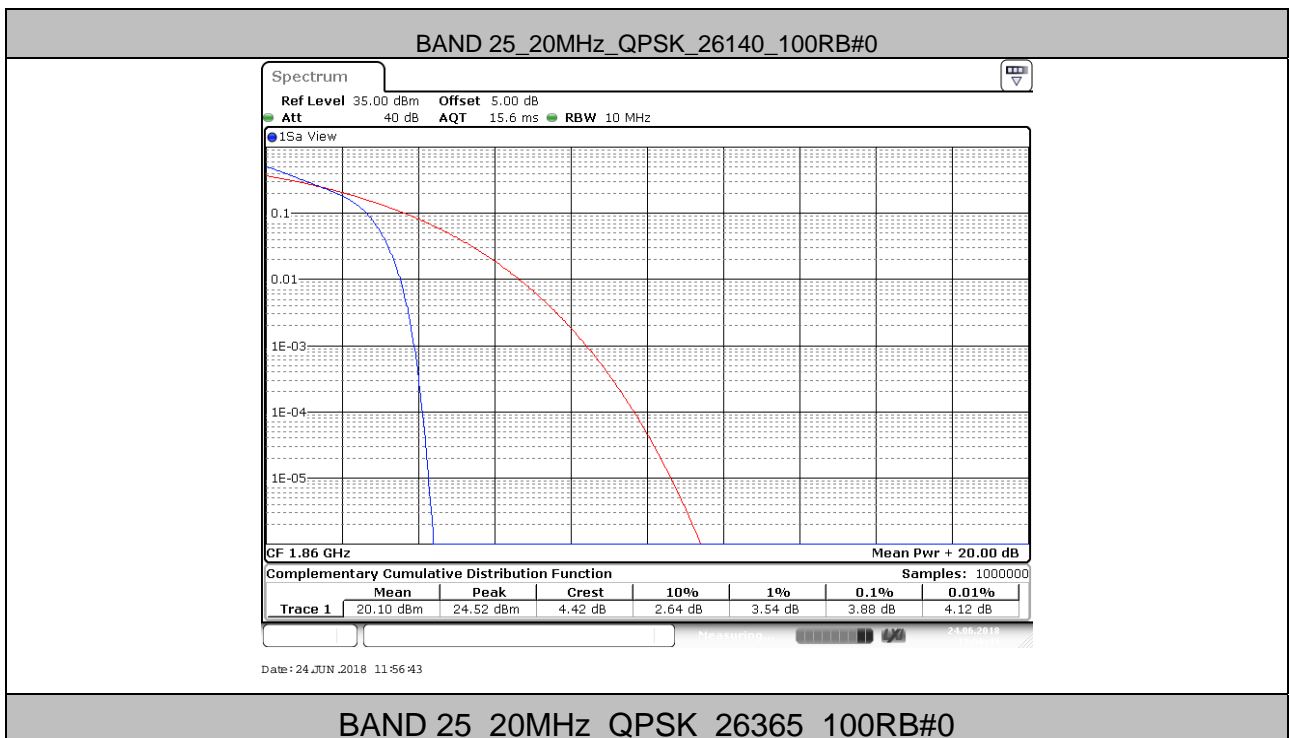


## 2 Peak-to-Average Ratio

### 2.1. Test Result

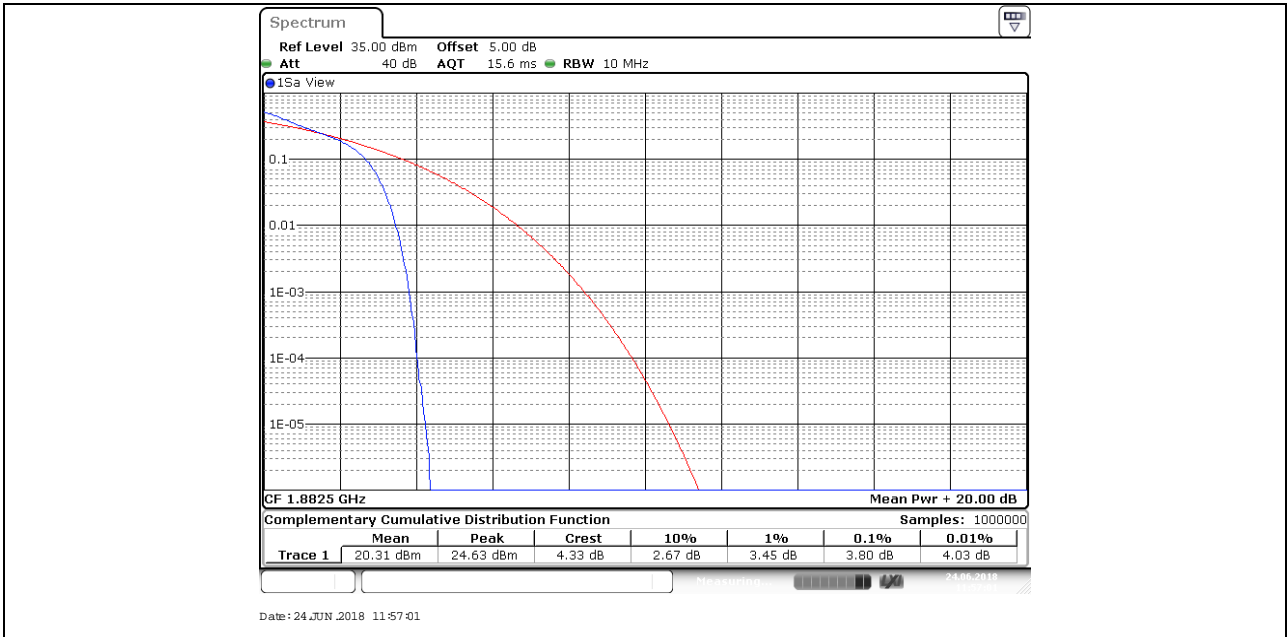
BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
BAND 25	20MHz	QPSK	26140	100RB#0	3.88	13	PASS
BAND 25	20MHz	QPSK	26365	100RB#0	3.80	13	PASS
BAND 25	20MHz	QPSK	26590	100RB#0	4.03	13	PASS
BAND 25	20MHz	64QAM	26140	100RB#0	5.51	13	PASS
BAND 25	20MHz	64QAM	26365	100RB#0	5.45	13	PASS
BAND 25	20MHz	64QAM	26590	100RB#0	5.57	13	PASS
BAND 25	20MHz	16QAM	26140	100RB#0	5.54	13	PASS
BAND 25	20MHz	16QAM	26365	100RB#0	5.48	13	PASS
BAND 25	20MHz	16QAM	26590	100RB#0	5.57	13	PASS

### 2.2. Test Plots

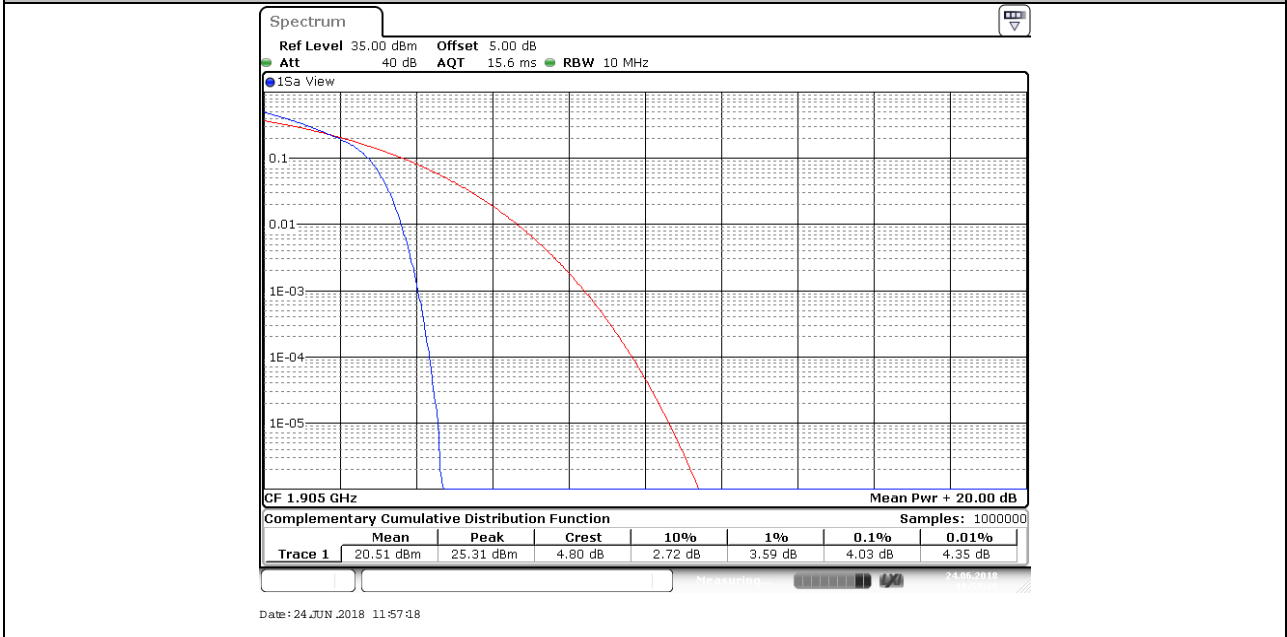


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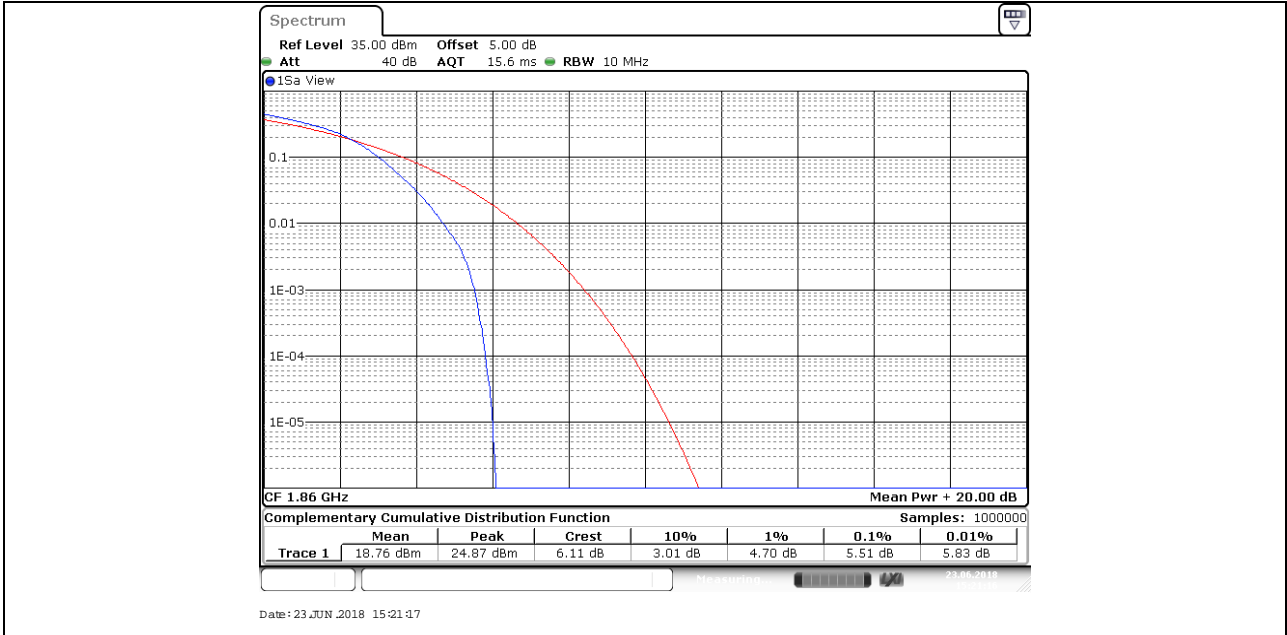


**BAND 25\_20MHz\_QPSK\_26590\_100RB#0**



**BAND 25\_20MHz\_64QAM\_26140\_100RB#0**

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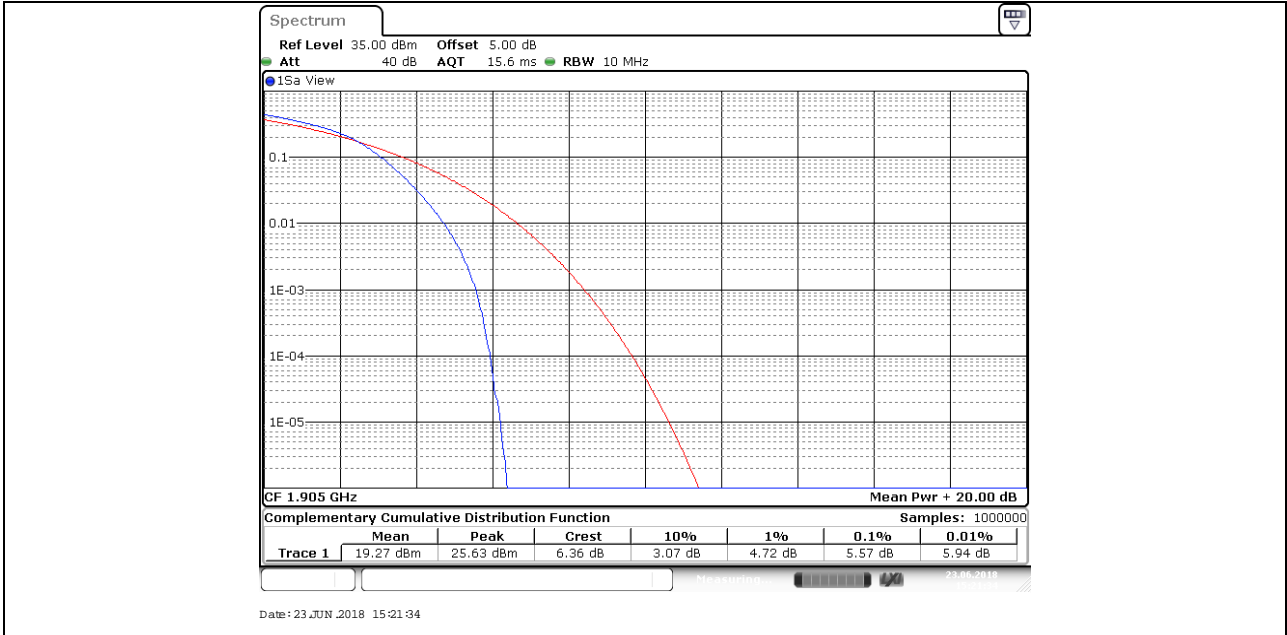


**BAND 25\_20MHz\_64QAM\_26365\_100RB#0**

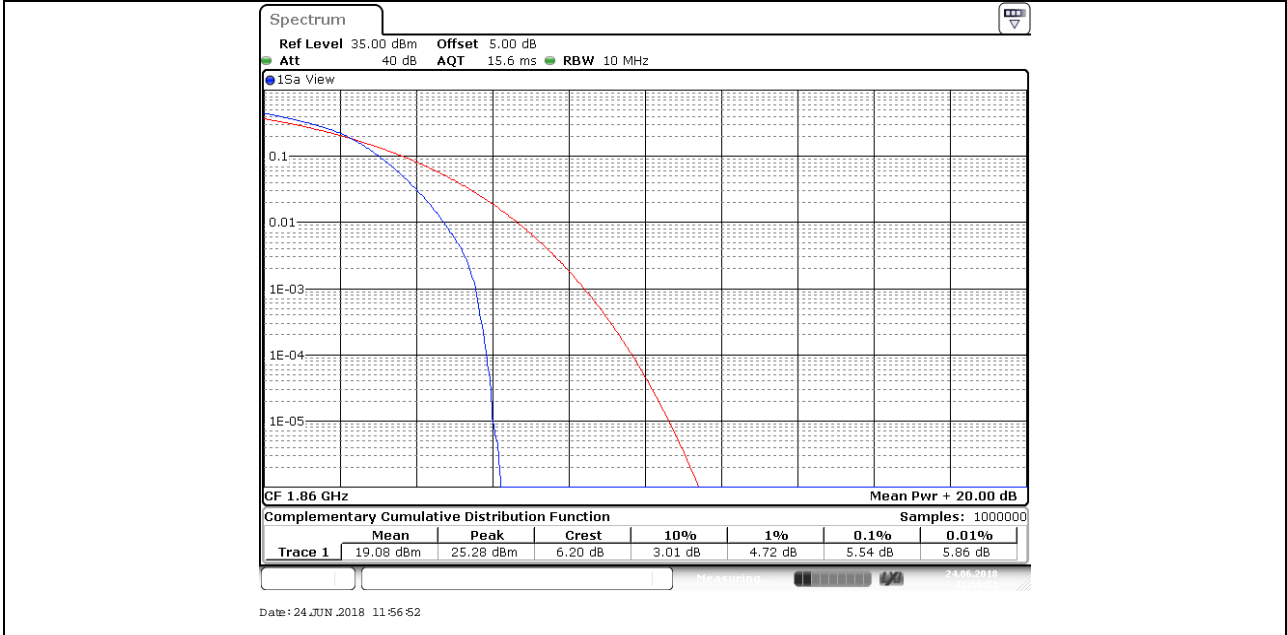


**BAND 25\_20MHz\_64QAM\_26590\_100RB#0**

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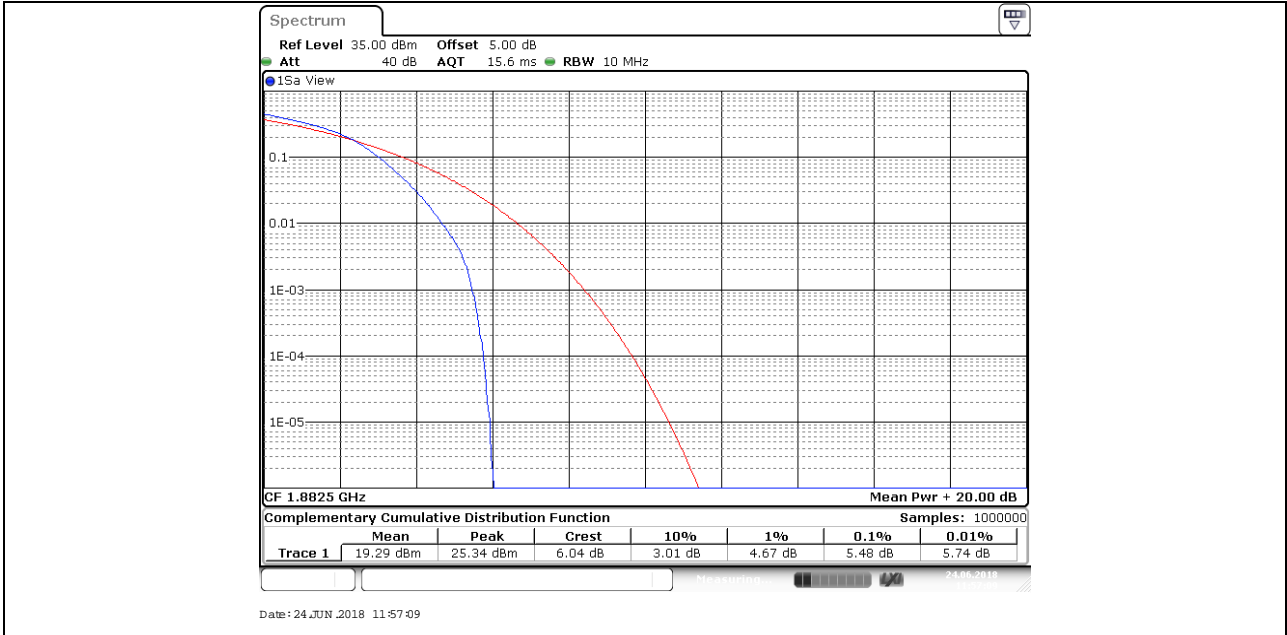


**BAND 25\_20MHz\_16QAM\_26140\_100RB#0**

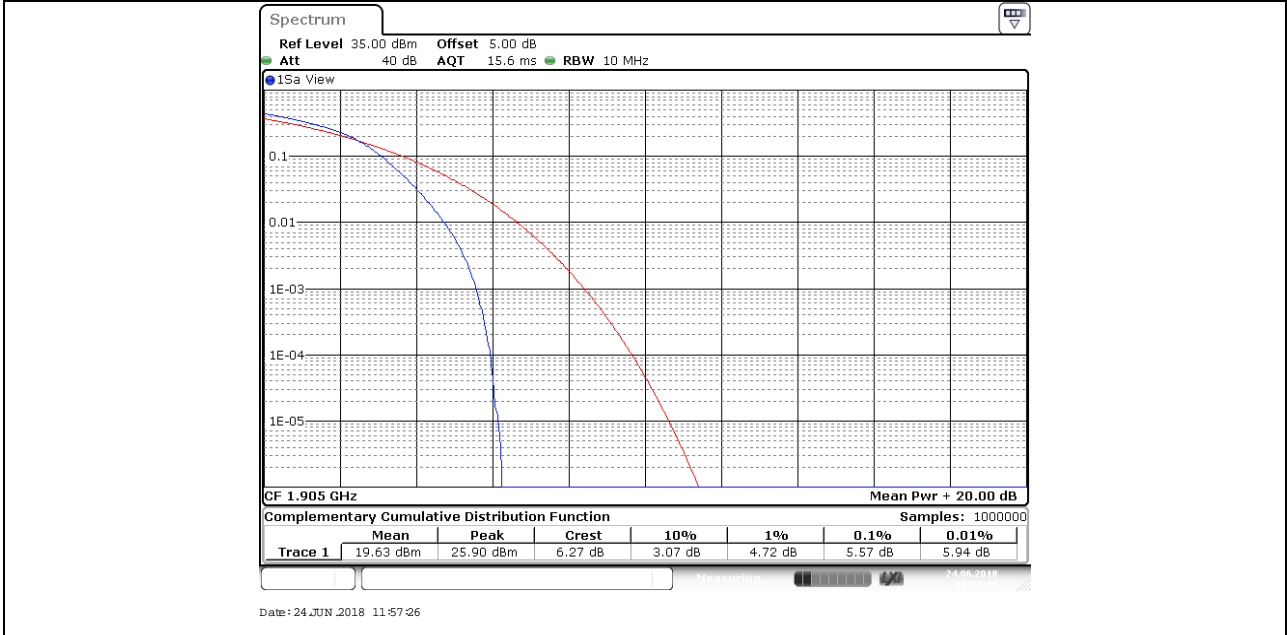


**BAND 25\_20MHz\_16QAM\_26365\_100RB#0**

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**BAND 25\_20MHz\_16QAM\_26590\_100RB#0**



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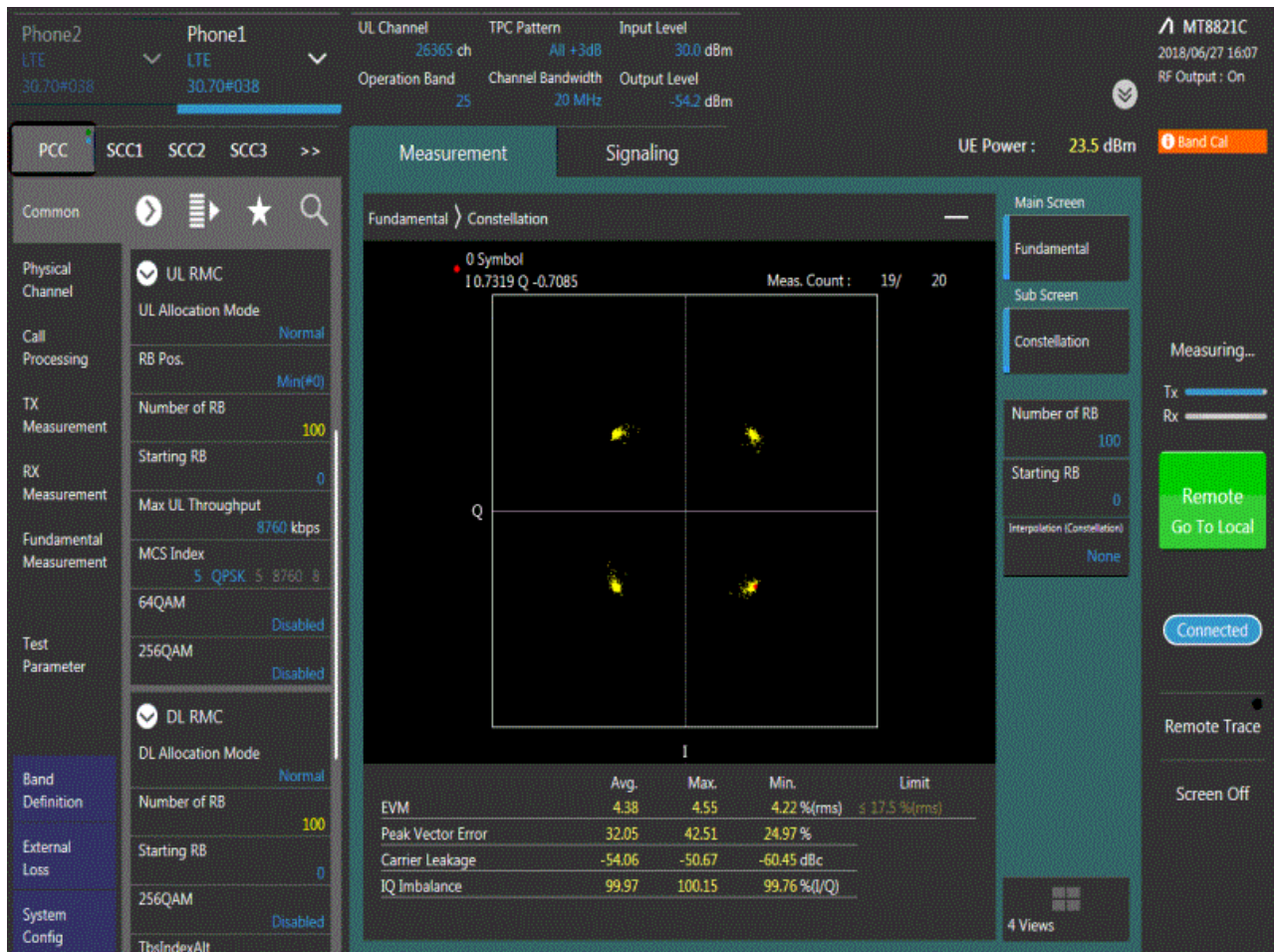
### 3 Modulation Characteristics

#### 3.1. For LTE

##### 3.1.1 Test BAND = LTE BAND 25

##### 3.1.1.1 Test Mode = LTE /TM1 20MHz

##### 3.1.1.1.1 Test Channel = MCH

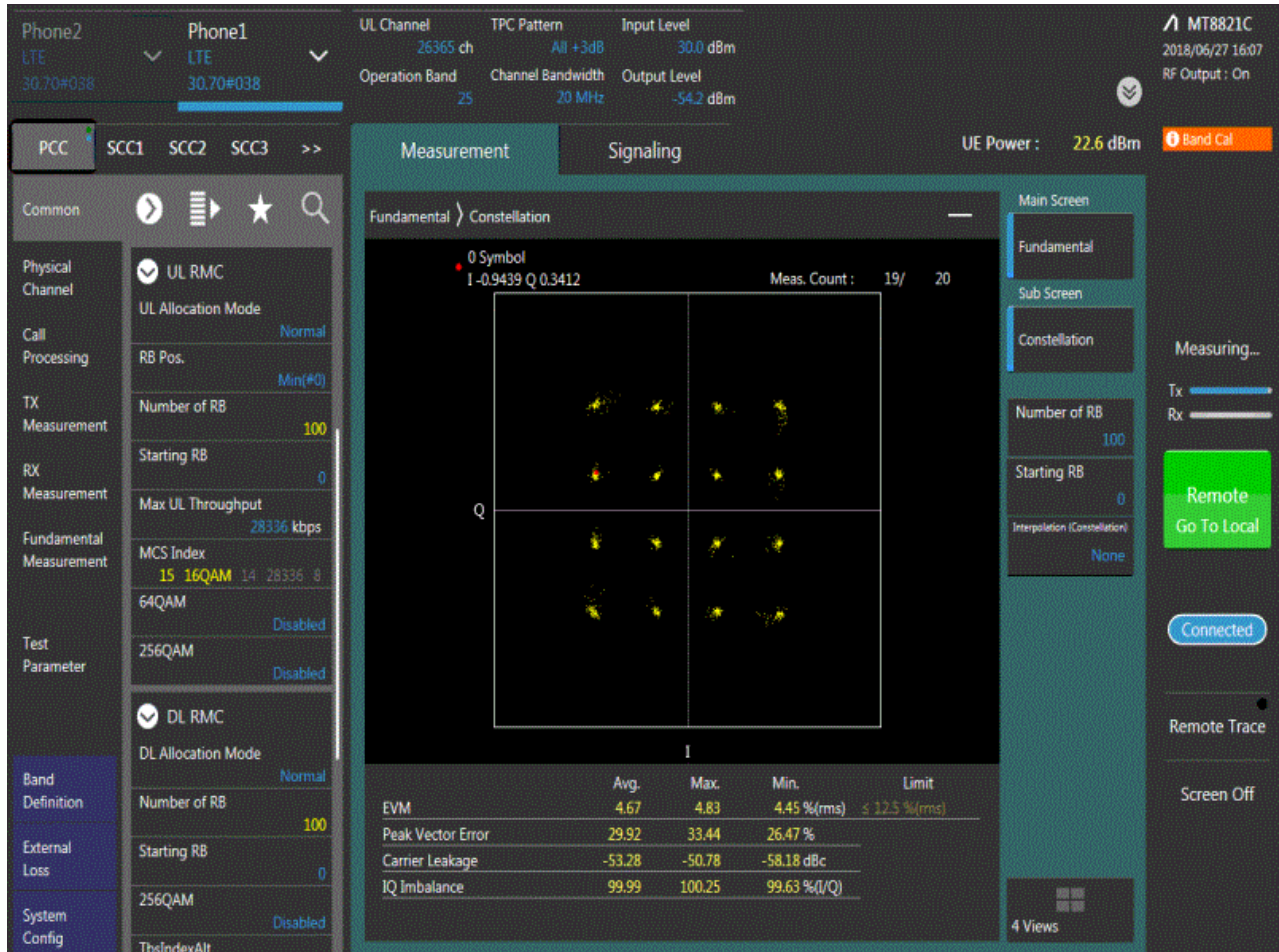


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**3.1.1.2 Test Mode = LTE /TM2 20MHz**

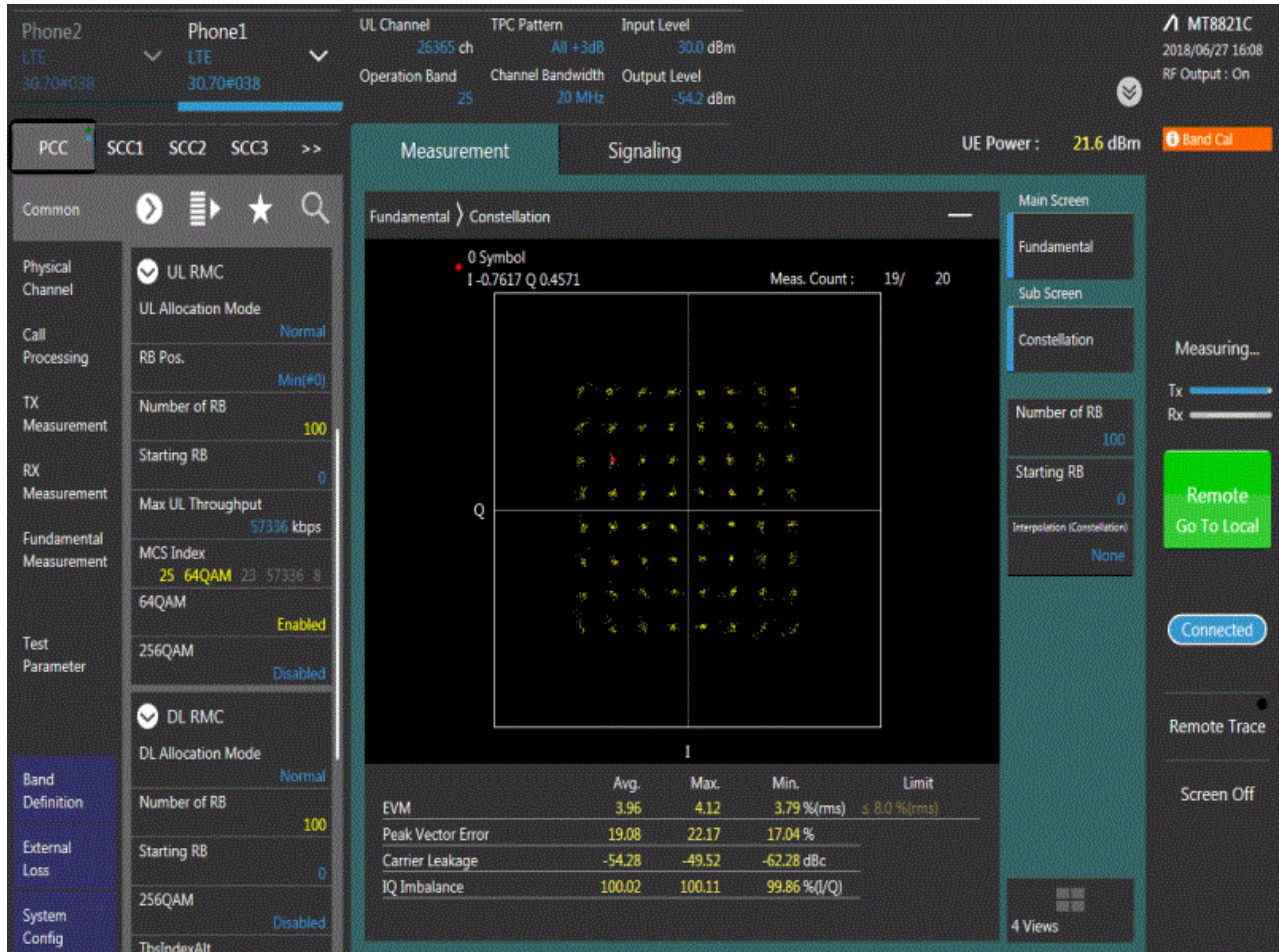
**3.1.1.2.1 Test Channel = MCH**



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**3.1.1.3 Test Mode = LTE /TM3 20MHz**

**3.1.1.3.1 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 25	1.4MHz	QPSK	26047	6RB#0	1.088	1.248	PASS
BAND 25	1.4MHz	QPSK	26365	6RB#0	1.088	1.245	PASS
BAND 25	1.4MHz	QPSK	26683	6RB#0	1.091	1.257	PASS
BAND 25	1.4MHz	64QAM	26047	6RB#0	1.088	1.242	PASS
BAND 25	1.4MHz	64QAM	26365	6RB#0	1.088	1.245	PASS
BAND 25	1.4MHz	64QAM	26683	6RB#0	1.091	1.254	PASS
BAND 25	1.4MHz	16QAM	26047	6RB#0	1.088	1.239	PASS
BAND 25	1.4MHz	16QAM	26365	6RB#0	1.088	1.245	PASS
BAND 25	1.4MHz	16QAM	26683	6RB#0	1.088	1.245	PASS
BAND 25	3MHz	QPSK	26055	15RB#0	2.697	3.036	PASS
BAND 25	3MHz	QPSK	26365	15RB#0	2.703	3.024	PASS
BAND 25	3MHz	QPSK	26675	15RB#0	2.697	3.030	PASS
BAND 25	3MHz	64QAM	26055	15RB#0	2.691	2.988	PASS
BAND 25	3MHz	64QAM	26365	15RB#0	2.691	2.988	PASS
BAND 25	3MHz	64QAM	26675	15RB#0	2.691	2.994	PASS
BAND 25	3MHz	16QAM	26055	15RB#0	2.685	2.982	PASS
BAND 25	3MHz	16QAM	26365	15RB#0	2.685	2.988	PASS
BAND 25	3MHz	16QAM	26675	15RB#0	2.685	2.994	PASS
BAND 25	5MHz	QPSK	26065	25RB#0	4.466	4.880	PASS
BAND 25	5MHz	QPSK	26365	25RB#0	4.476	4.890	PASS
BAND 25	5MHz	QPSK	26665	25RB#0	4.476	4.890	PASS
BAND 25	5MHz	64QAM	26065	25RB#0	4.476	4.900	PASS
BAND 25	5MHz	64QAM	26365	25RB#0	4.466	4.940	PASS
BAND 25	5MHz	64QAM	26665	25RB#0	4.466	4.920	PASS
BAND 25	5MHz	16QAM	26065	25RB#0	4.486	4.930	PASS
BAND 25	5MHz	16QAM	26365	25RB#0	4.496	4.930	PASS
BAND 25	5MHz	16QAM	26665	25RB#0	4.496	4.950	PASS
BAND 25	10MHz	QPSK	26090	50RB#0	8.931	9.700	PASS
BAND 25	10MHz	QPSK	26365	50RB#0	8.911	9.620	PASS
BAND 25	10MHz	QPSK	26640	50RB#0	8.931	9.680	PASS
BAND 25	10MHz	64QAM	26090	50RB#0	8.911	9.720	PASS
BAND 25	10MHz	64QAM	26365	50RB#0	8.911	9.700	PASS
BAND 25	10MHz	64QAM	26640	50RB#0	8.911	9.700	PASS

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

Report No.: SZEM180500453601

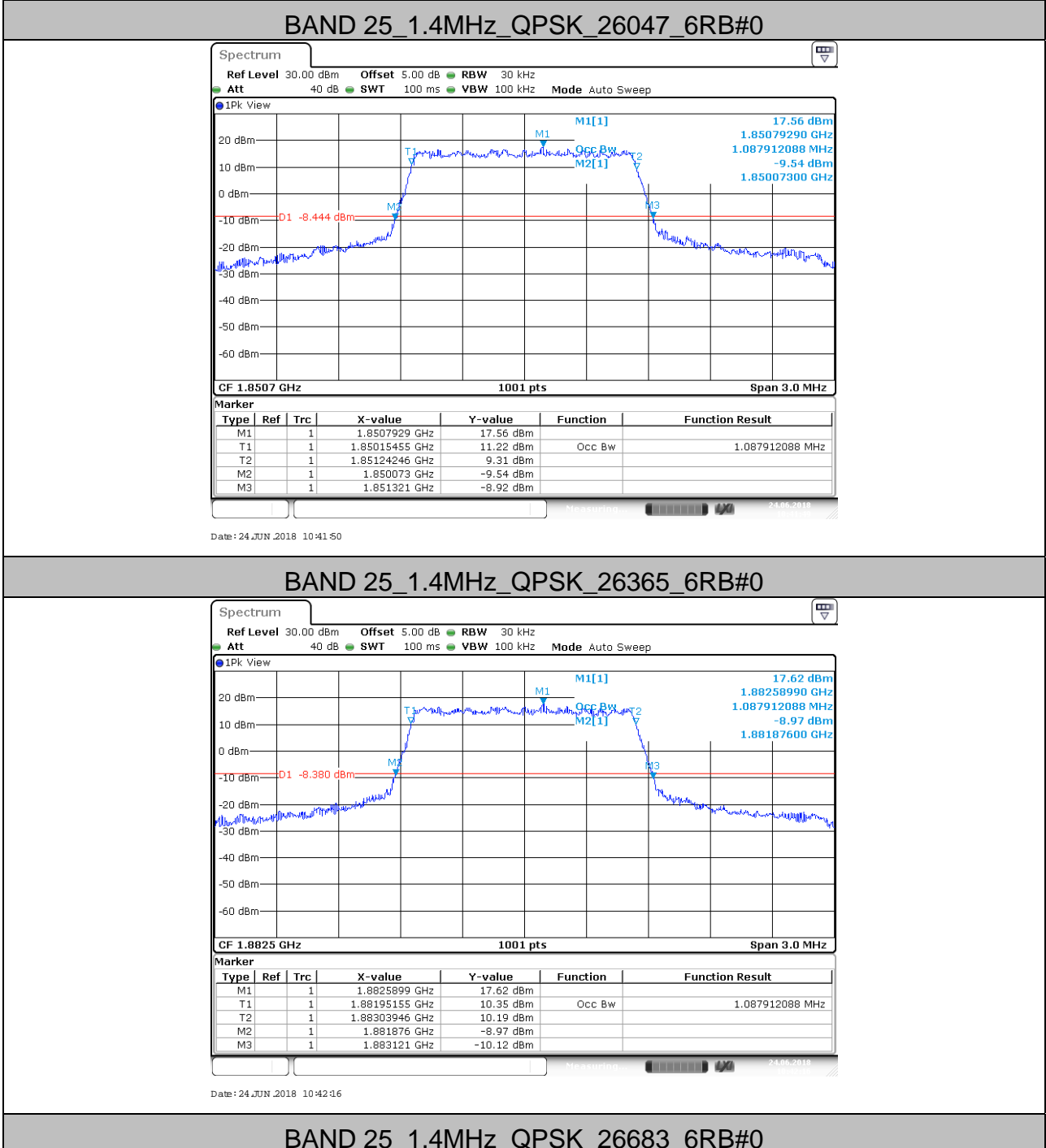
Page: 22 of 139

BAND 25	10MHz	16QAM	26090	50RB#0	8.911	9.740	PASS
BAND 25	10MHz	16QAM	26365	50RB#0	8.931	9.720	PASS
BAND 25	10MHz	16QAM	26640	50RB#0	8.911	9.660	PASS
BAND 25	15MHz	QPSK	26115	75RB#0	13.457	14.760	PASS
BAND 25	15MHz	QPSK	26365	75RB#0	13.457	14.700	PASS
BAND 25	15MHz	QPSK	26615	75RB#0	13.427	14.730	PASS
BAND 25	15MHz	64QAM	26115	75RB#0	13.427	14.760	PASS
BAND 25	15MHz	64QAM	26365	75RB#0	13.457	14.730	PASS
BAND 25	15MHz	64QAM	26615	75RB#0	13.427	14.670	PASS
BAND 25	15MHz	16QAM	26115	75RB#0	13.457	14.760	PASS
BAND 25	15MHz	16QAM	26365	75RB#0	13.457	14.730	PASS
BAND 25	15MHz	16QAM	26615	75RB#0	13.427	14.640	PASS
BAND 25	20MHz	QPSK	26140	100RB#0	17.902	19.480	PASS
BAND 25	20MHz	QPSK	26365	100RB#0	17.862	19.520	PASS
BAND 25	20MHz	QPSK	26590	100RB#0	17.862	19.440	PASS
BAND 25	20MHz	64QAM	26140	100RB#0	17.902	19.400	PASS
BAND 25	20MHz	64QAM	26365	100RB#0	17.862	19.360	PASS
BAND 25	20MHz	64QAM	26590	100RB#0	17.822	19.320	PASS
BAND 25	20MHz	16QAM	26140	100RB#0	17.902	19.440	PASS
BAND 25	20MHz	16QAM	26365	100RB#0	17.902	19.440	PASS
BAND 25	20MHz	16QAM	26590	100RB#0	17.822	19.360	PASS

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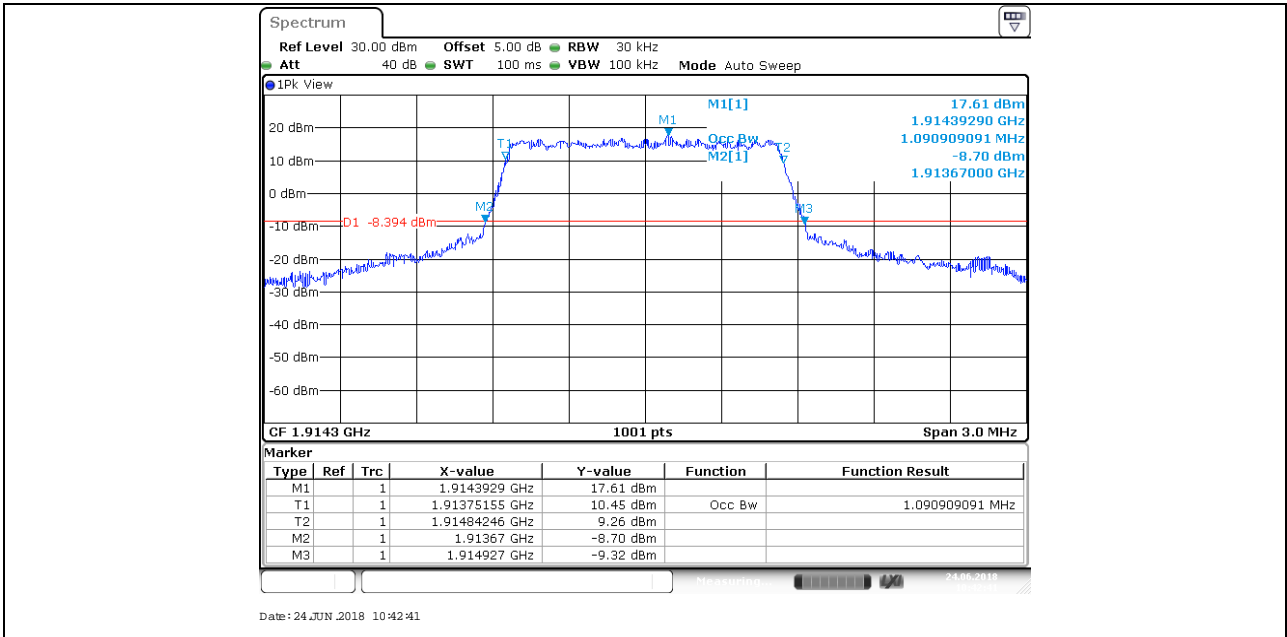


**4.2. Test Plots**

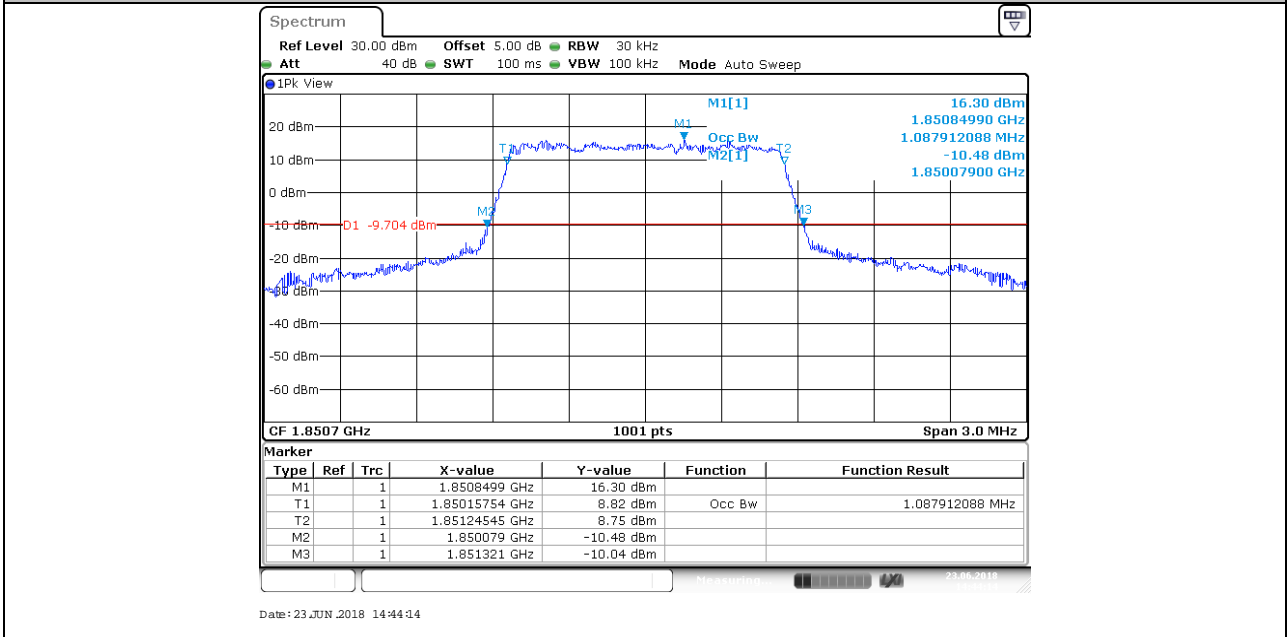


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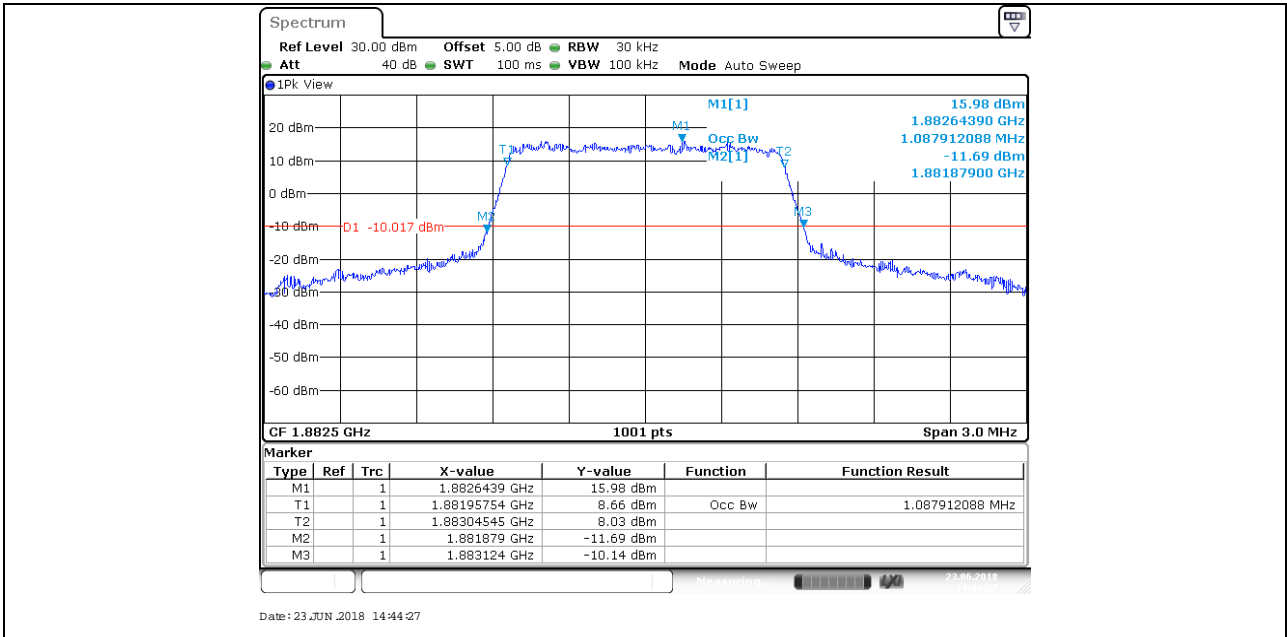


**BAND 25\_1.4MHz\_64QAM\_26047\_6RB#0**

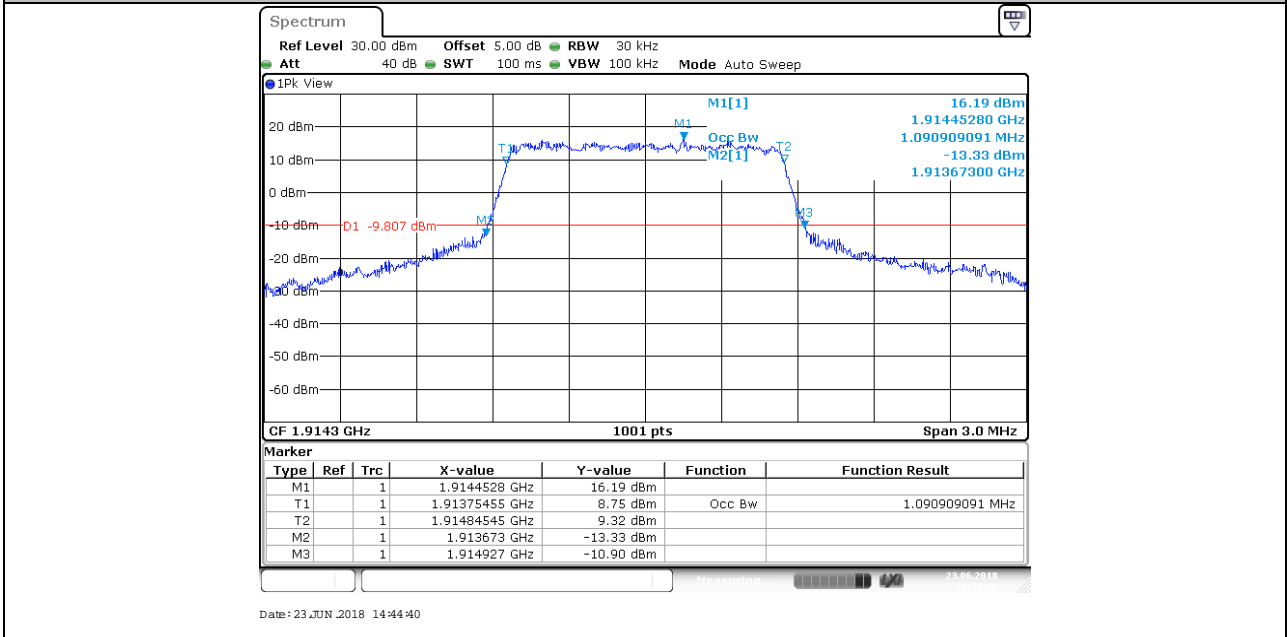


**BAND 25\_1.4MHz\_64QAM\_26365\_6RB#0**

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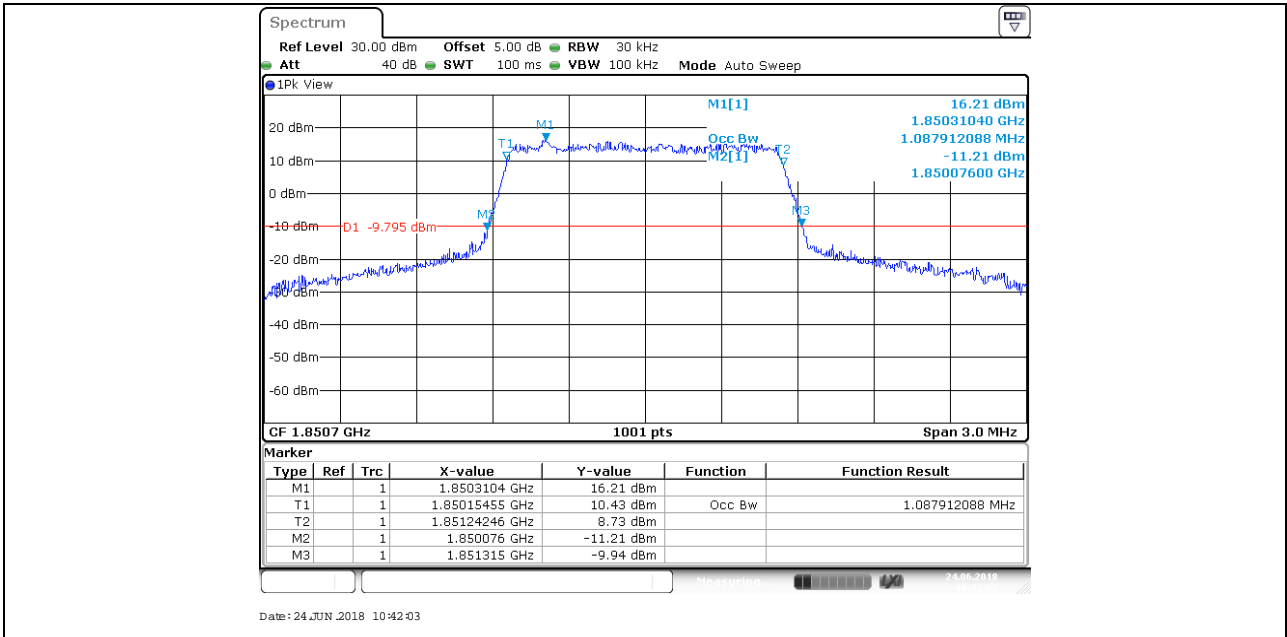


**BAND 25\_1.4MHz\_64QAM\_26683\_6RB#0**

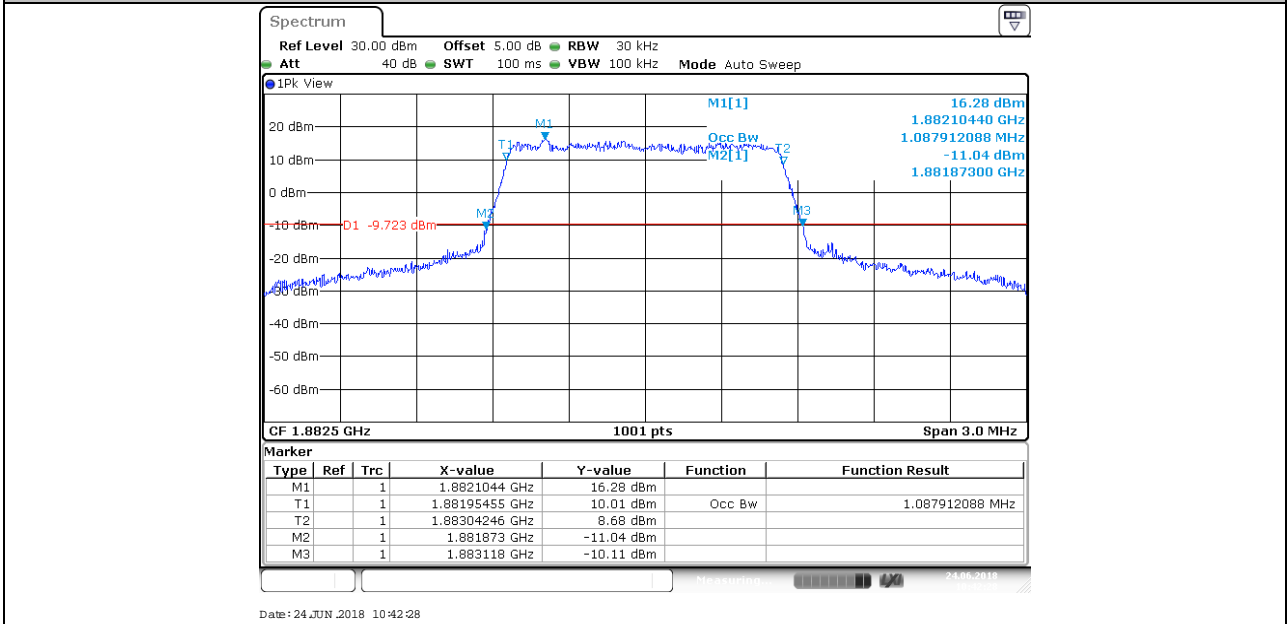


**BAND 25\_1.4MHz\_16QAM\_26047\_6RB#0**

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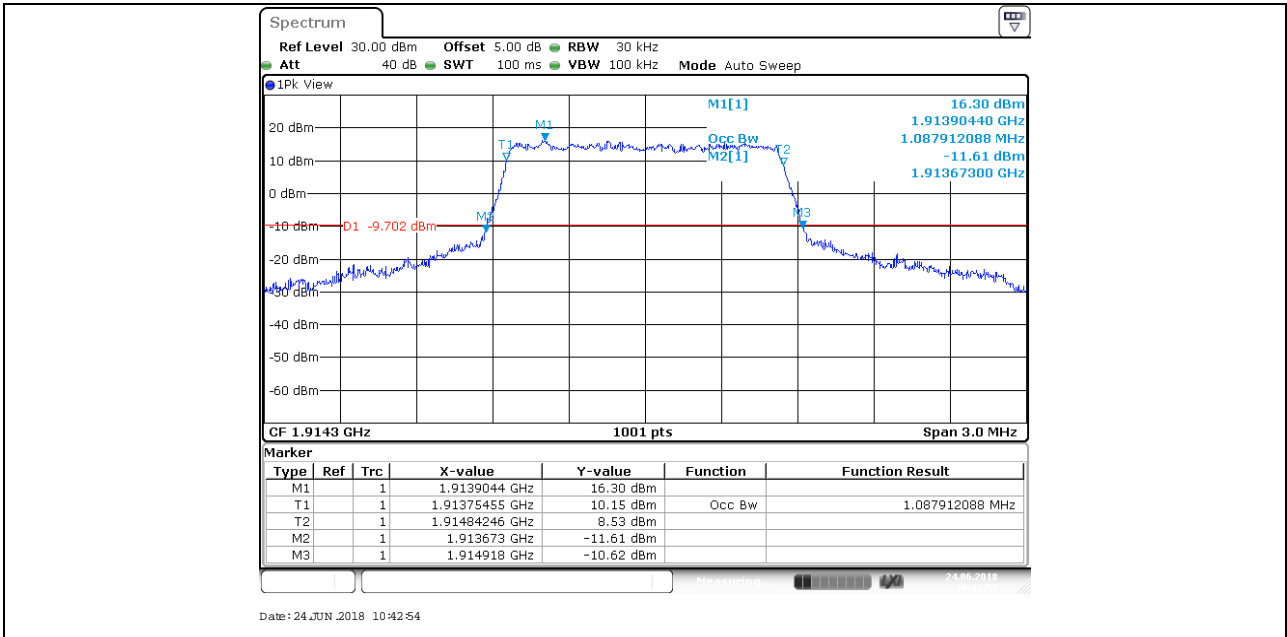


**BAND 25\_1.4MHz\_16QAM\_26365\_6RB#0**

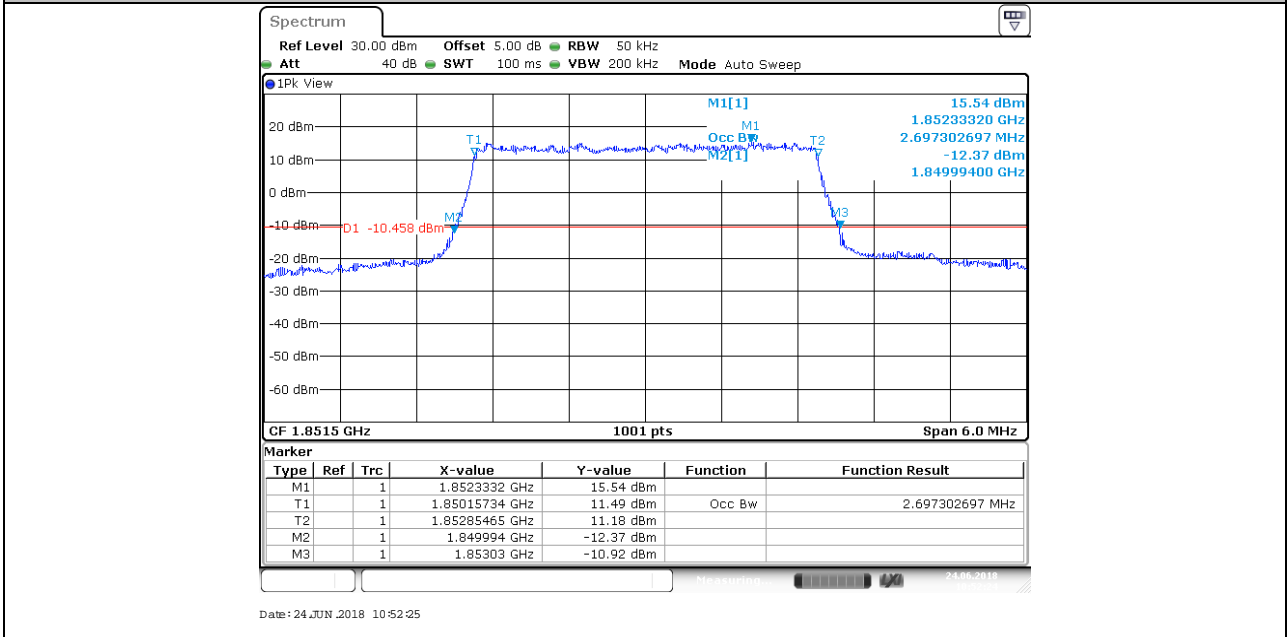


**BAND 25\_1.4MHz\_16QAM\_26683\_6RB#0**

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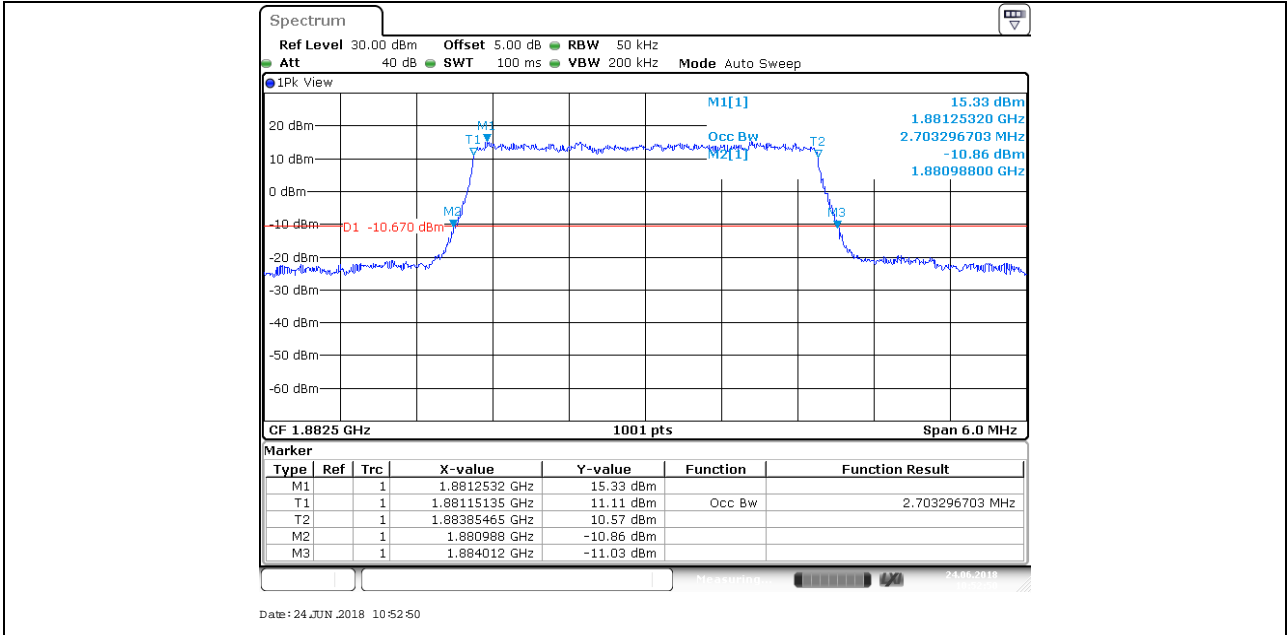


**BAND 25\_3MHz\_QPSK\_26055\_15RB#0**

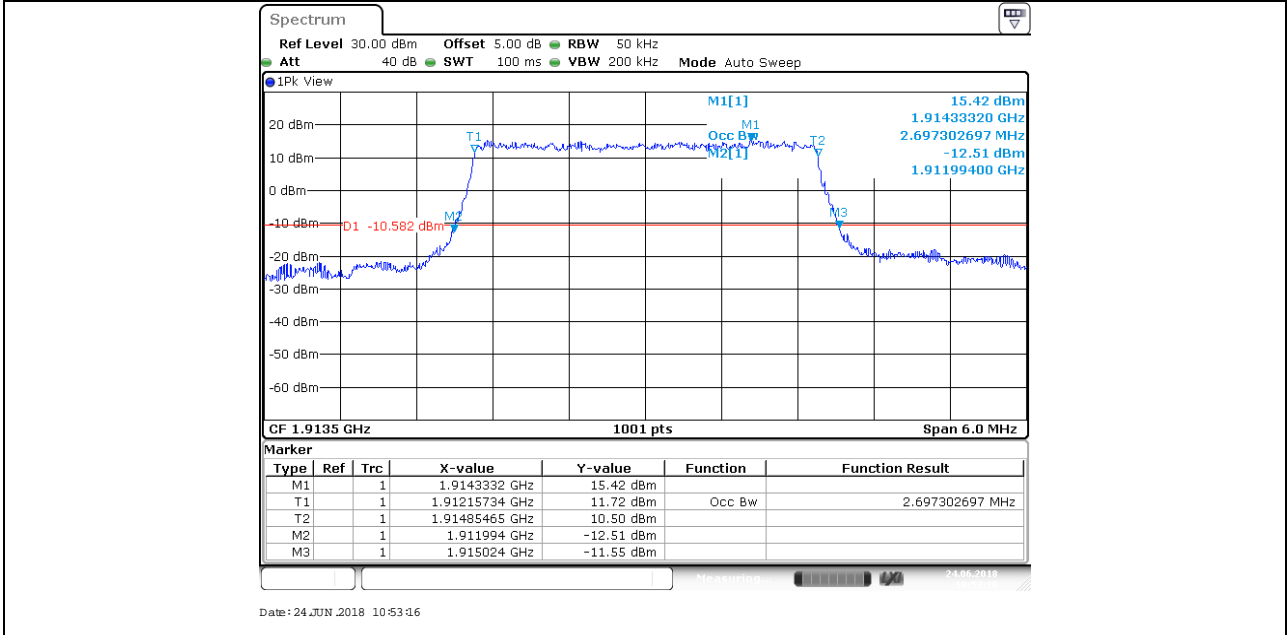


**BAND 25\_3MHz\_QPSK\_26365\_15RB#0**

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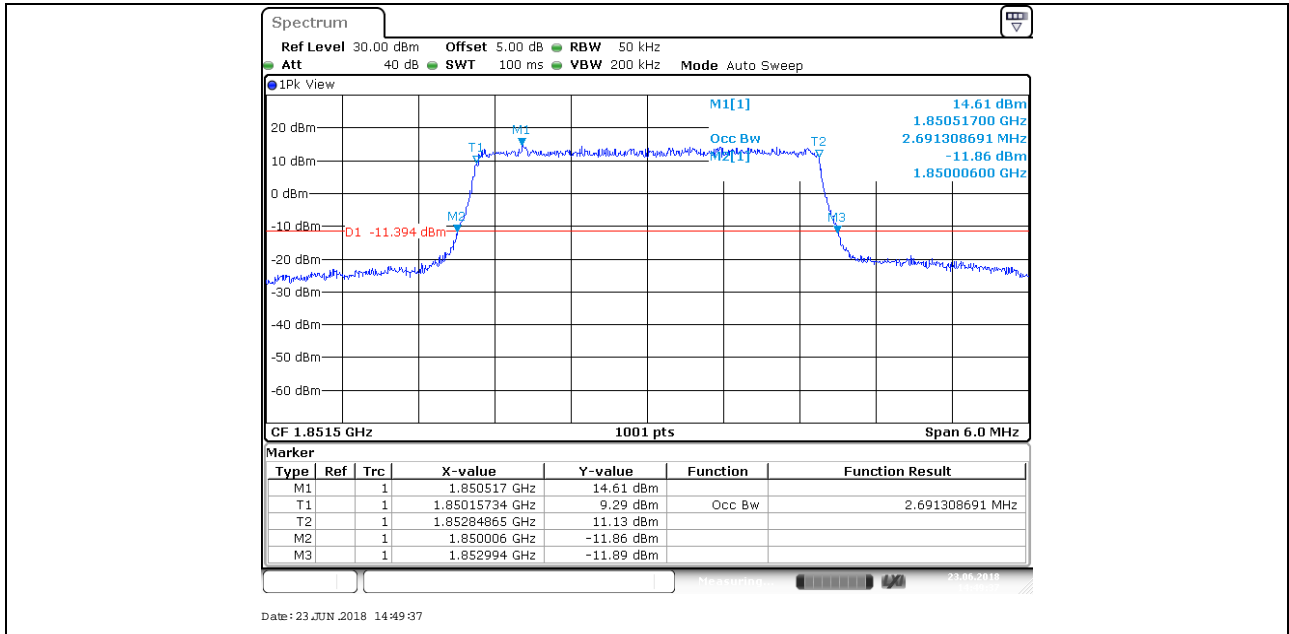
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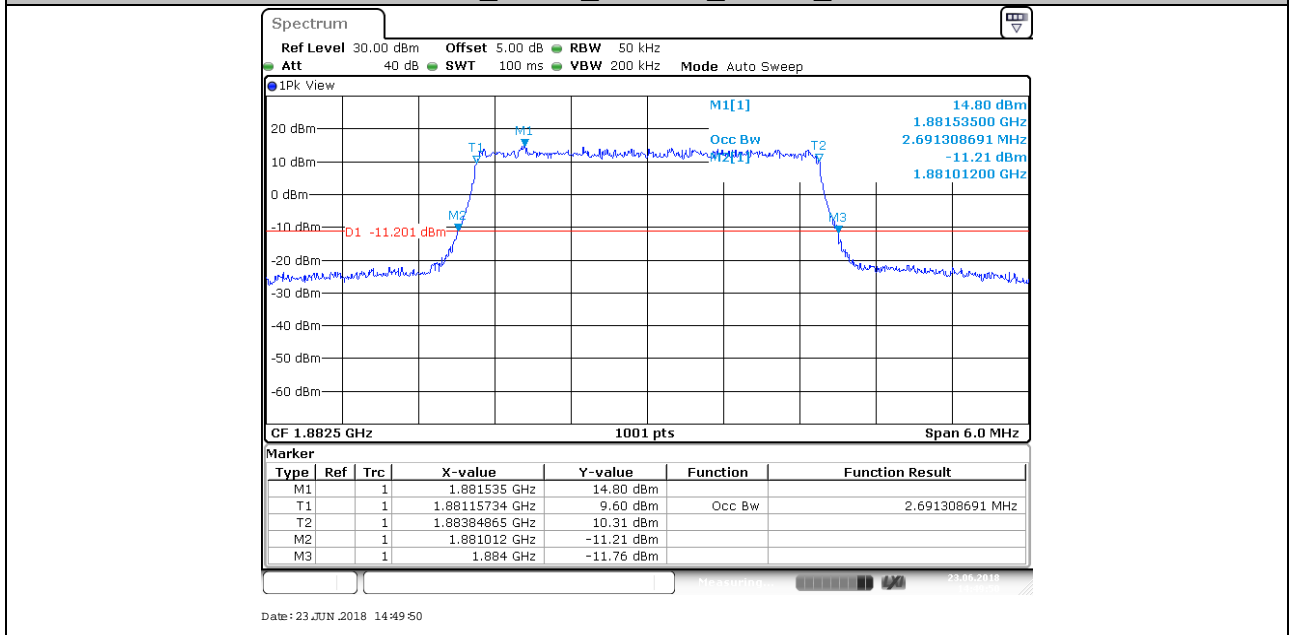
**BAND 25\_3MHz\_64QAM\_26055\_15RB#0**

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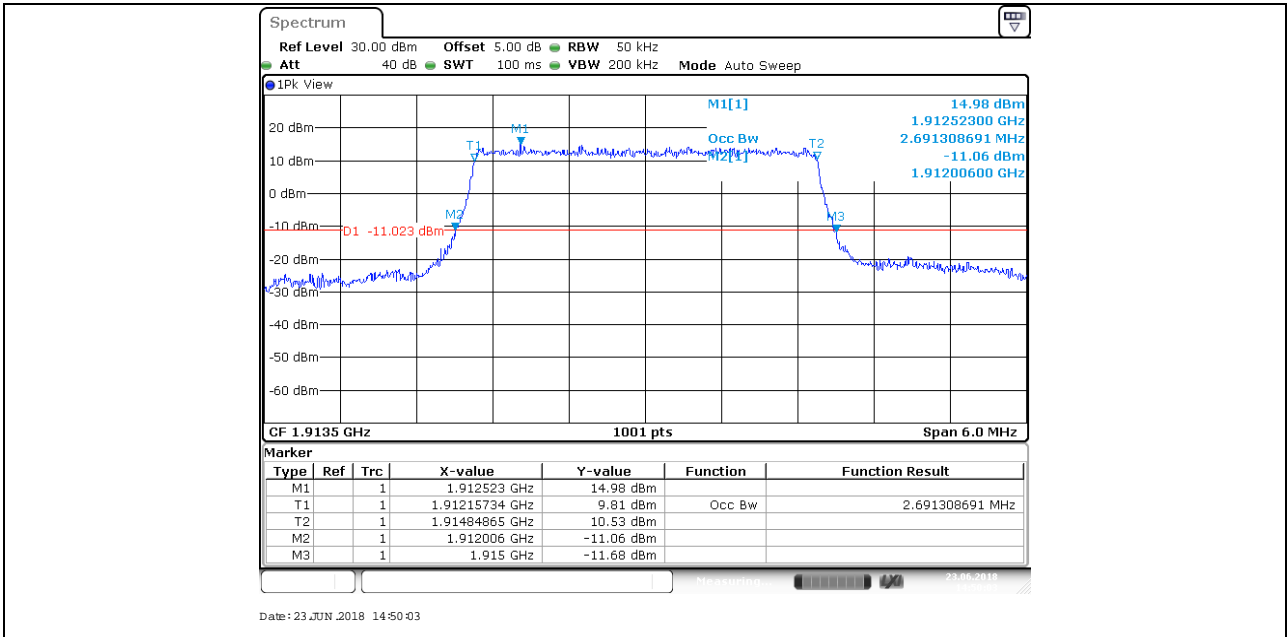


**BAND 25\_3MHz\_64QAM\_26365\_15RB#0**

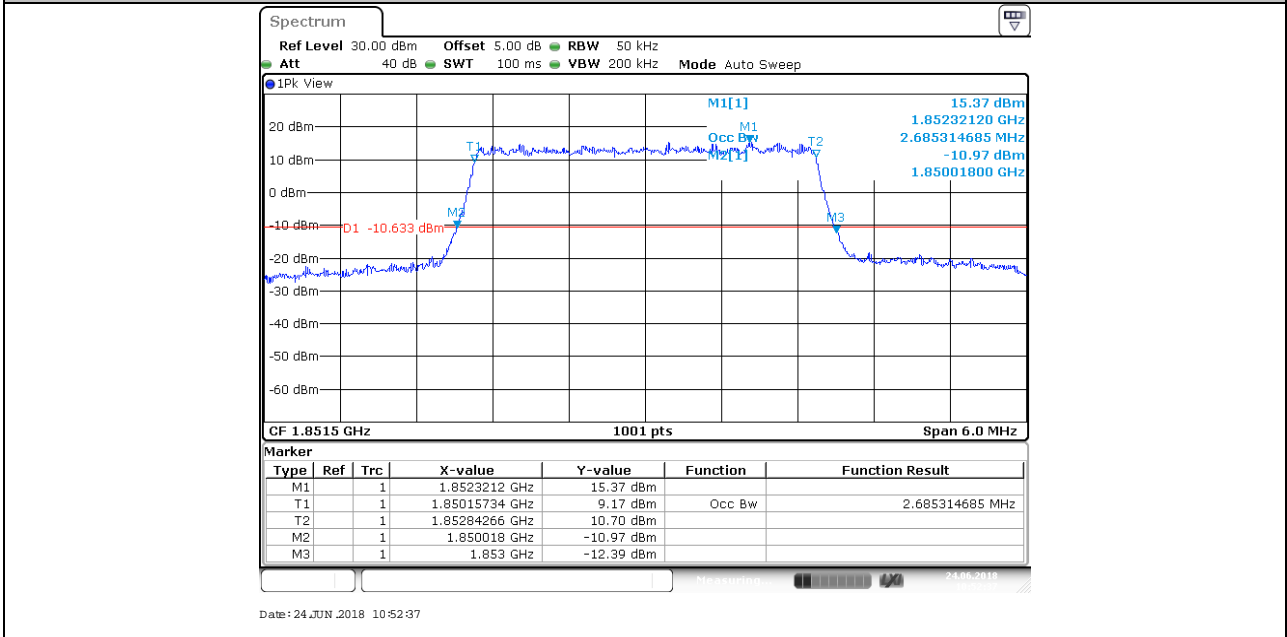


**BAND 25\_3MHz\_64QAM\_26675\_15RB#0**

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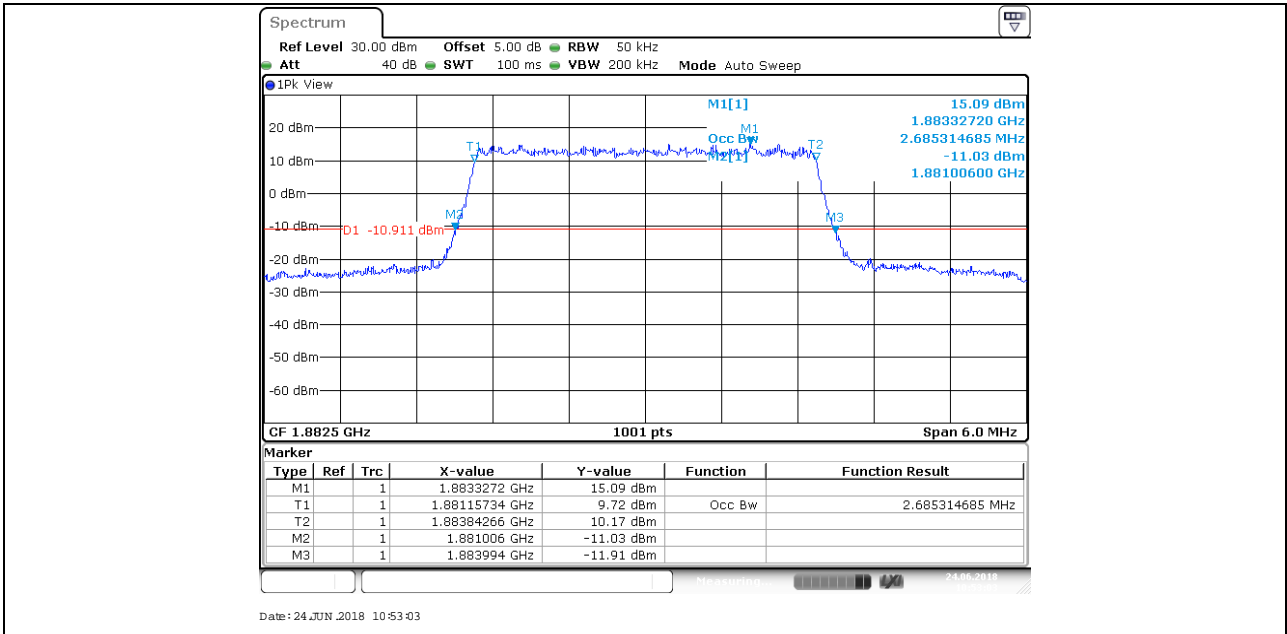


**BAND 25\_3MHz\_16QAM\_26055\_15RB#0**

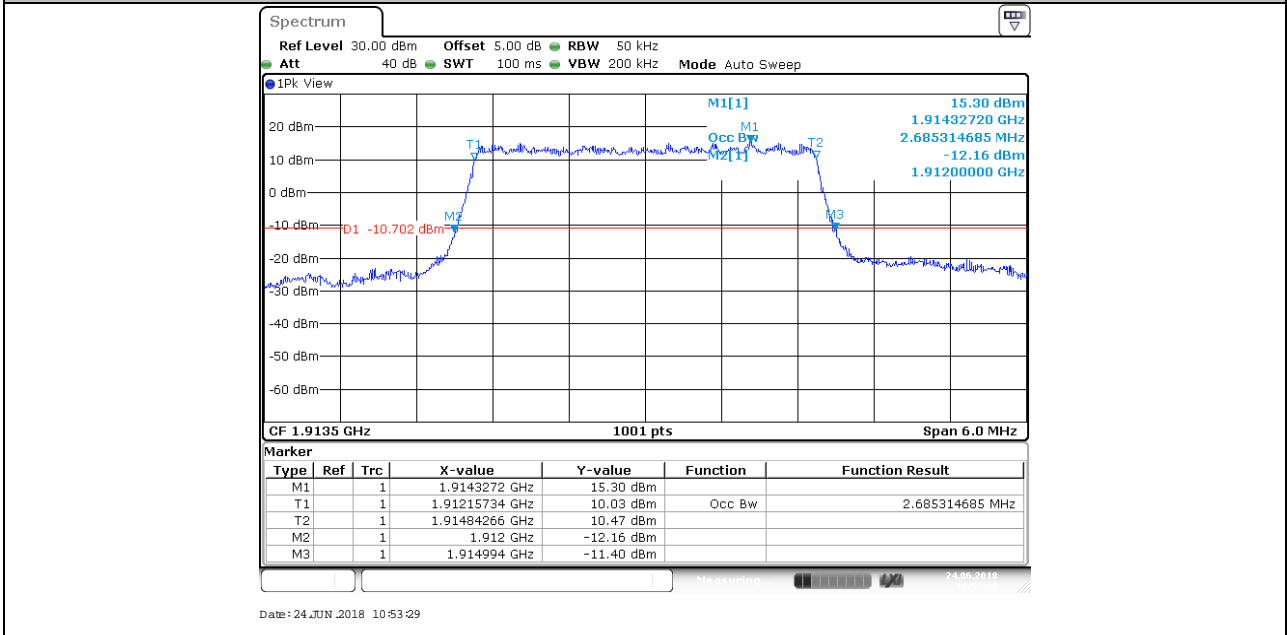


**BAND 25\_3MHz\_16QAM\_26365\_15RB#0**

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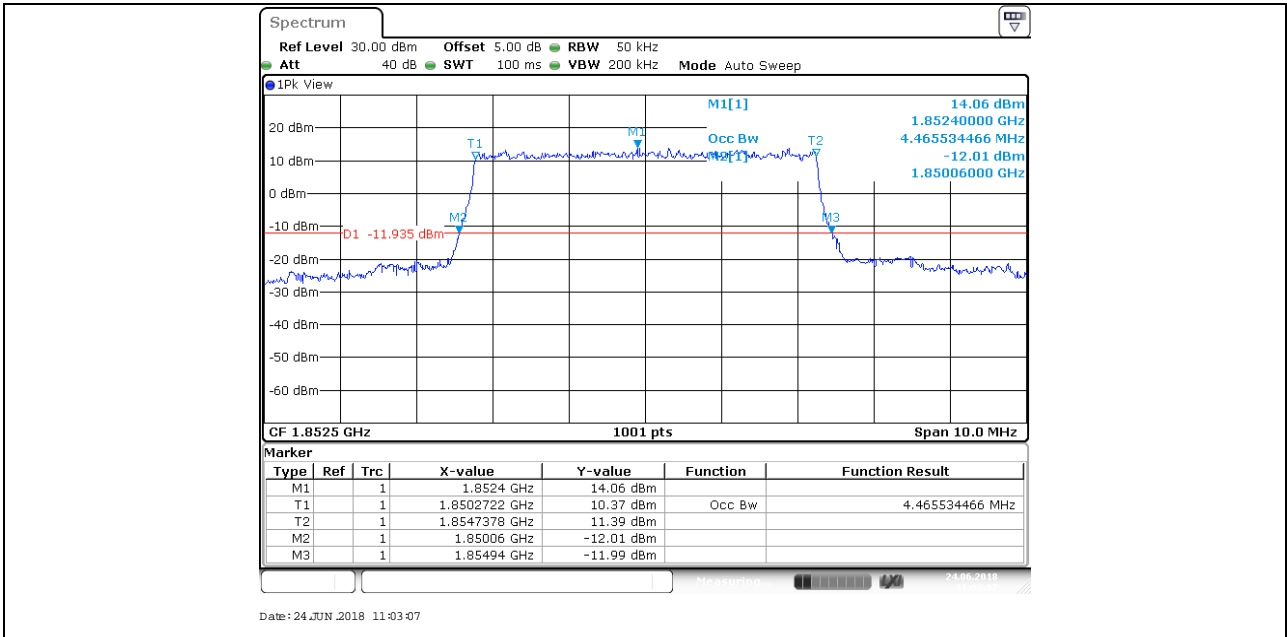


**BAND 25\_3MHz\_16QAM\_26675\_15RB#0**

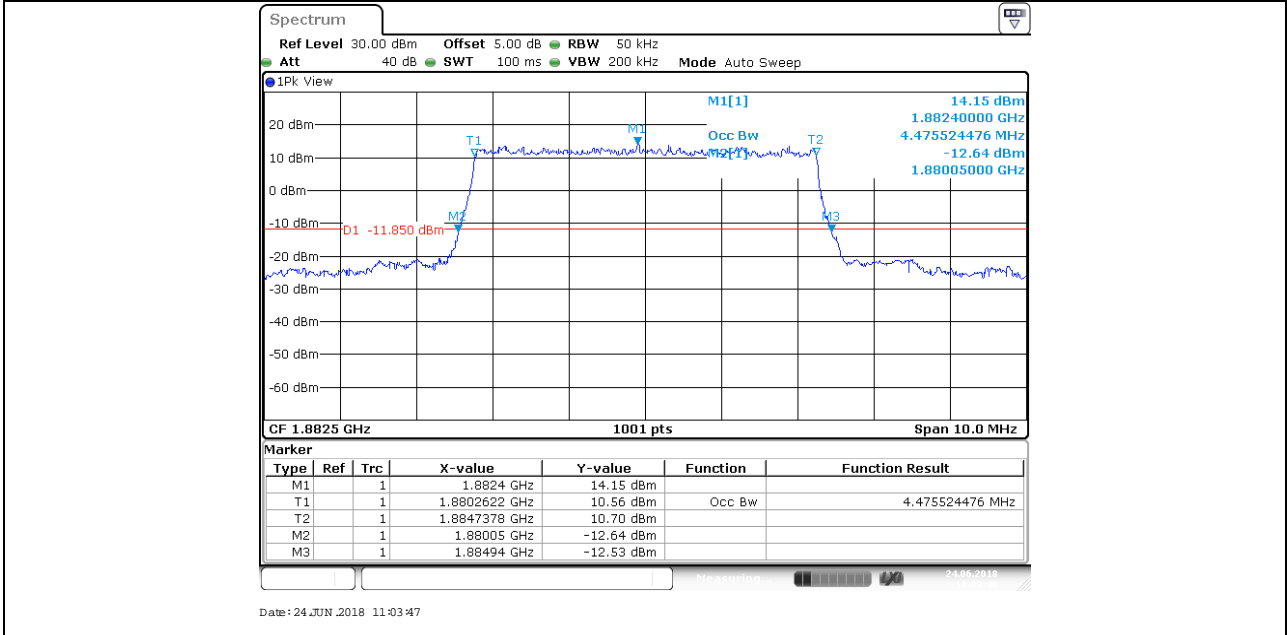


**BAND 25\_5MHz\_QPSK\_26065\_25RB#0**

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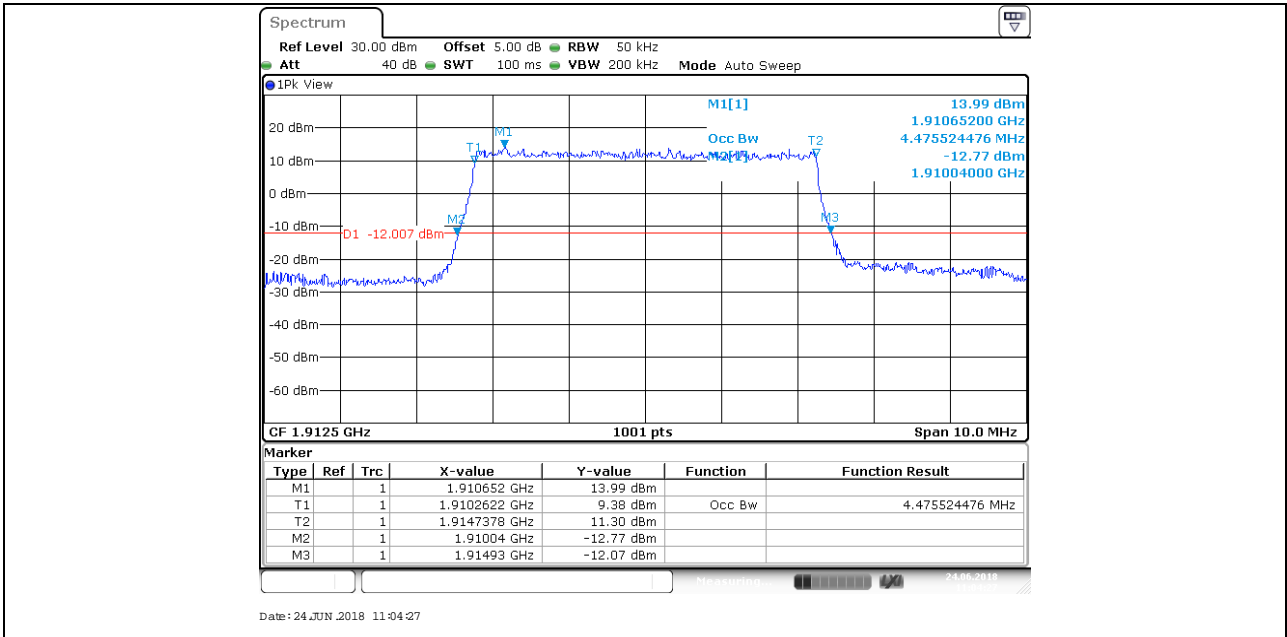


**BAND 25\_5MHz\_QPSK\_26365\_25RB#0**

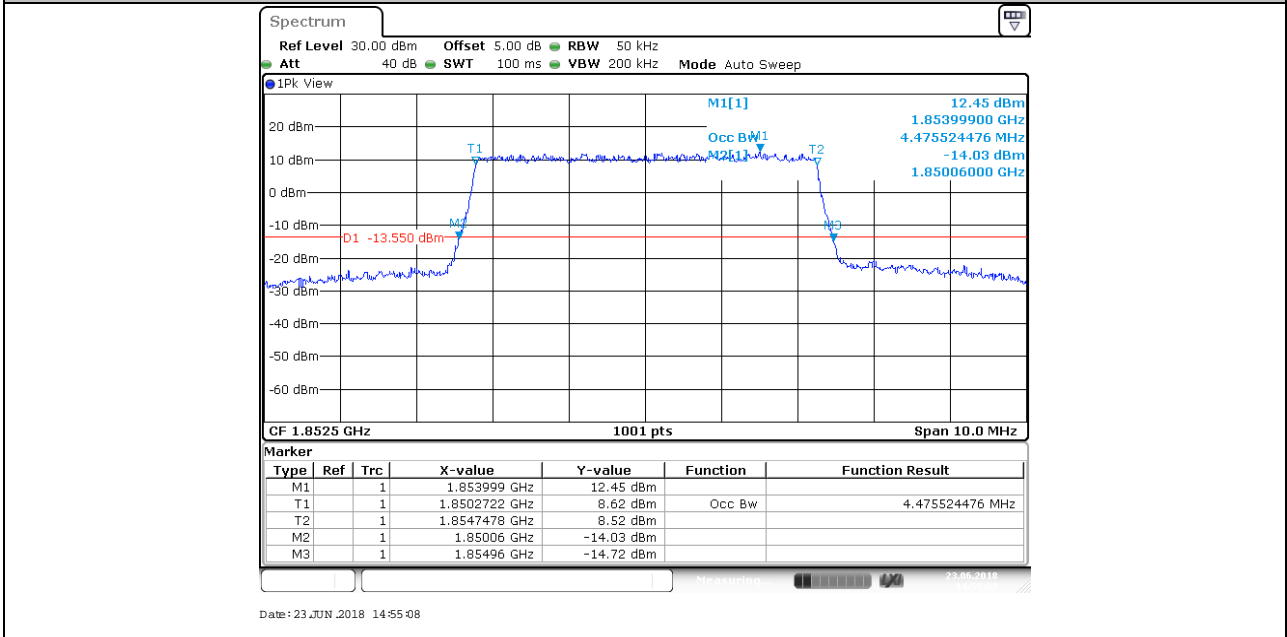


**BAND 25\_5MHz\_QPSK\_26665\_25RB#0**

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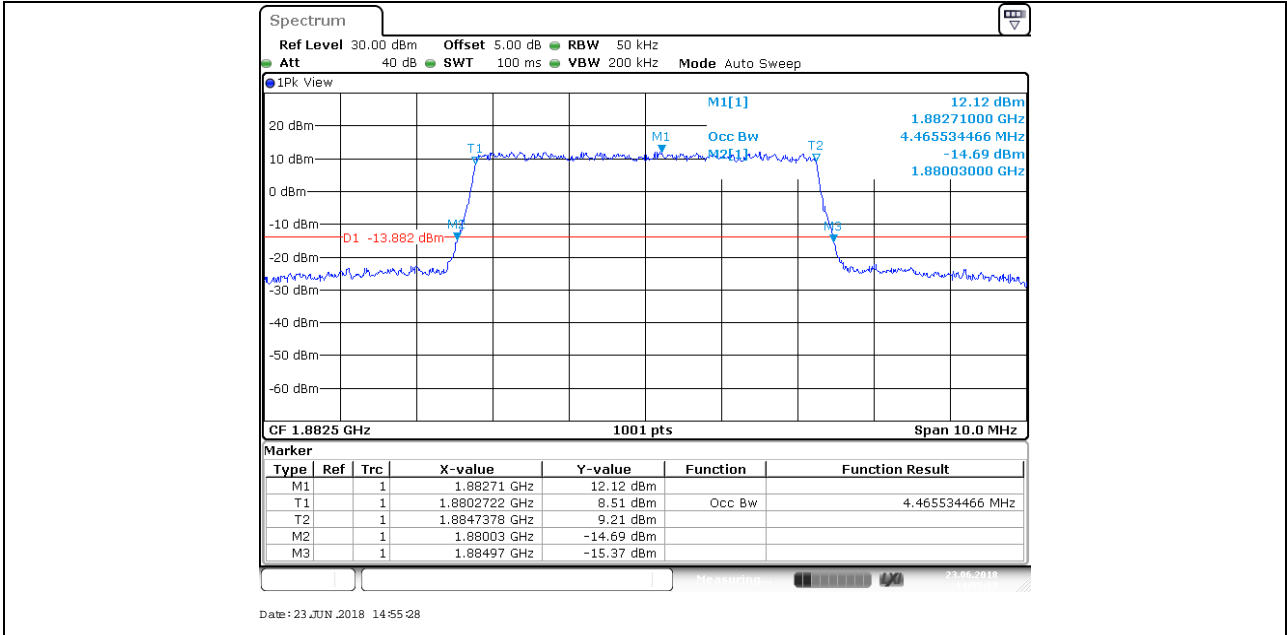


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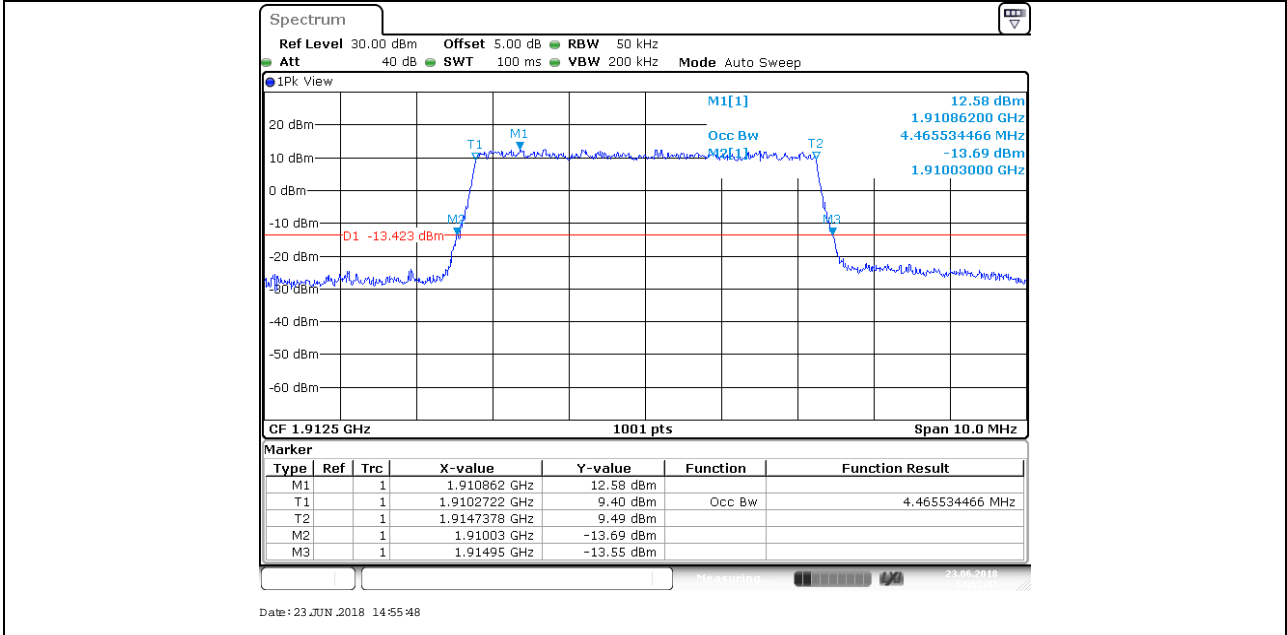


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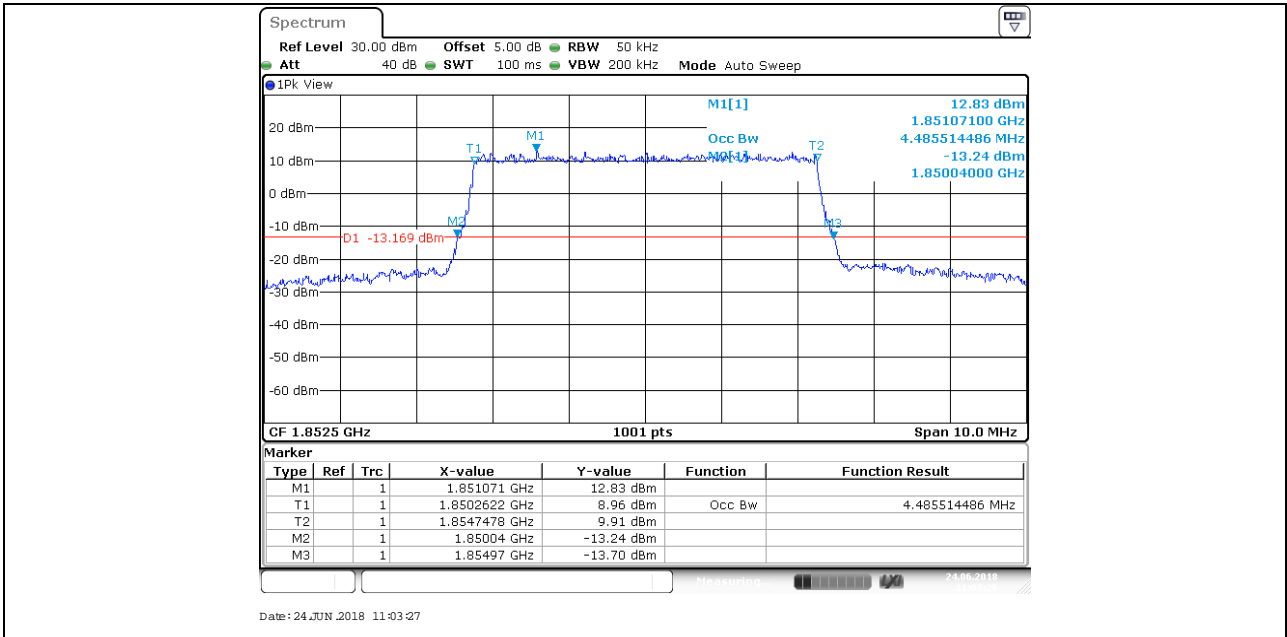
**BAND 25\_5MHz\_64QAM\_26665\_25RB#0**



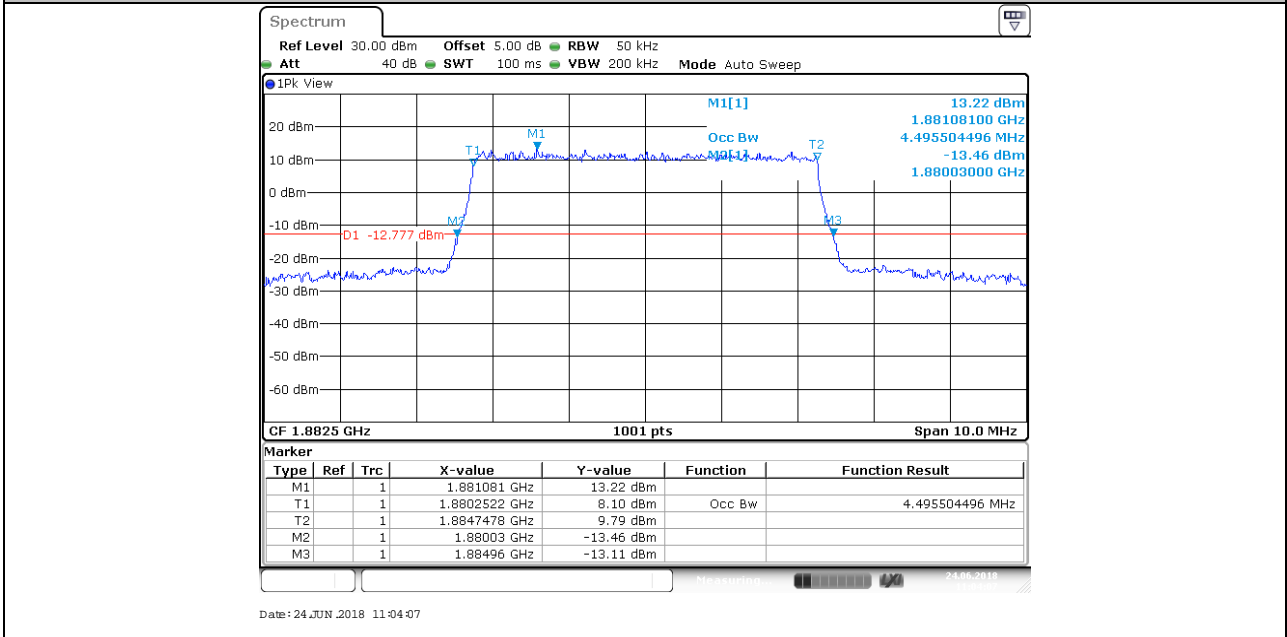
**BAND 25\_5MHz\_16QAM\_26065\_25RB#0**

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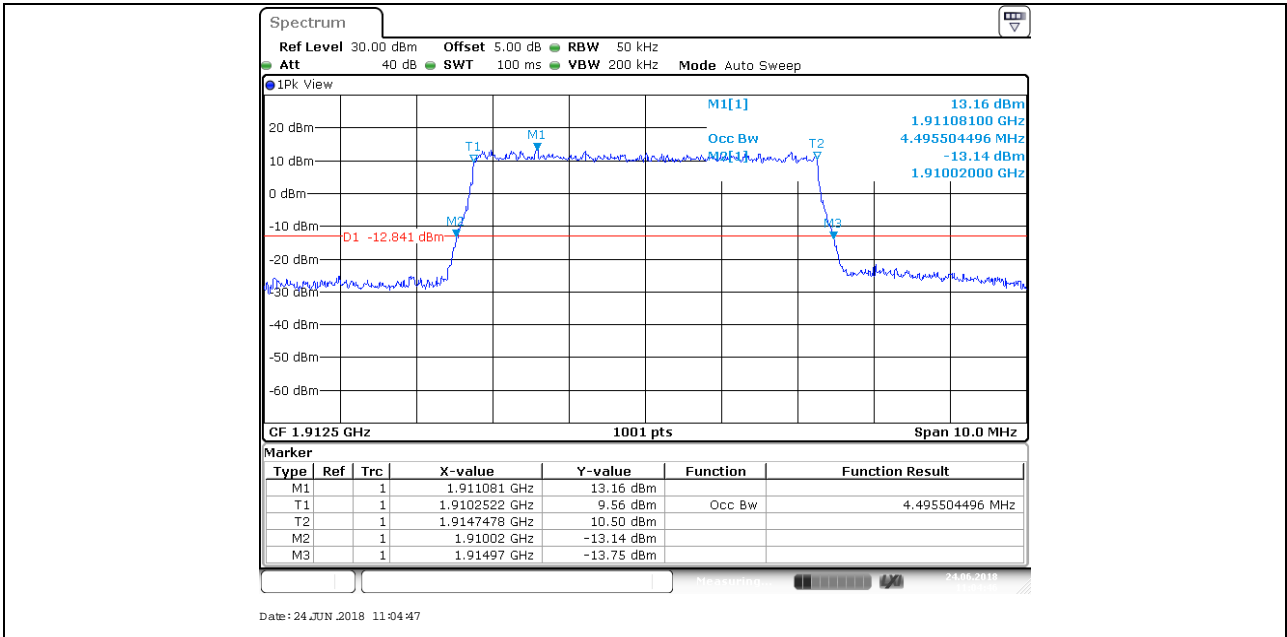


**BAND 25\_5MHz\_16QAM\_26365\_25RB#0**

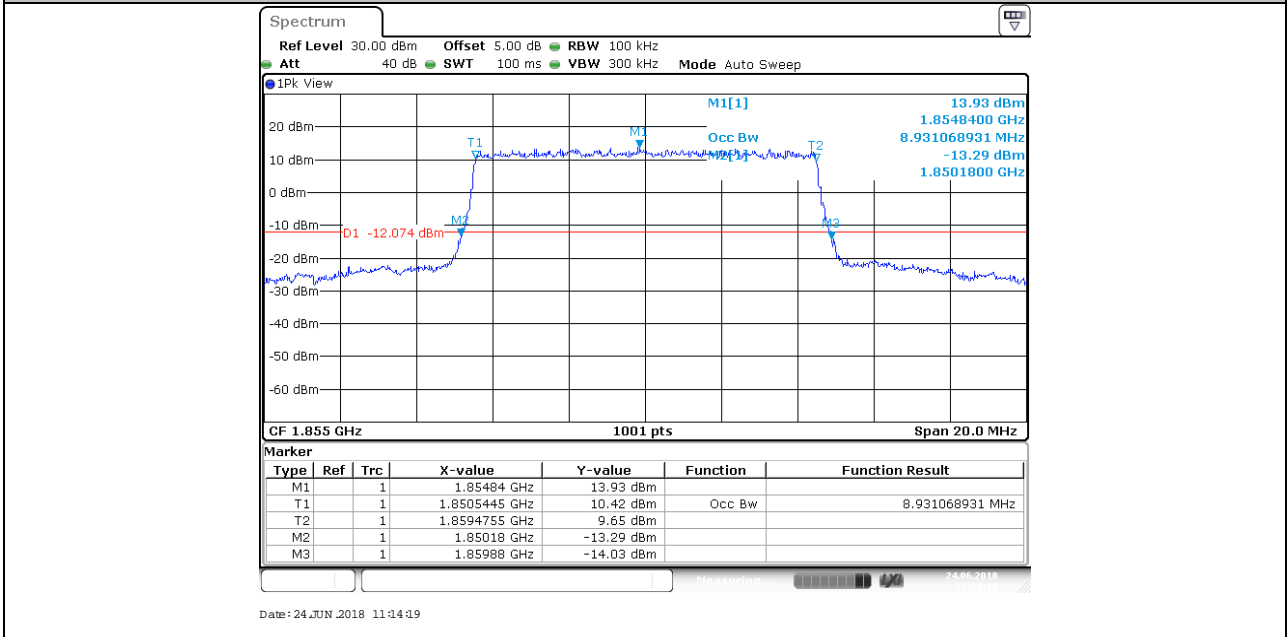


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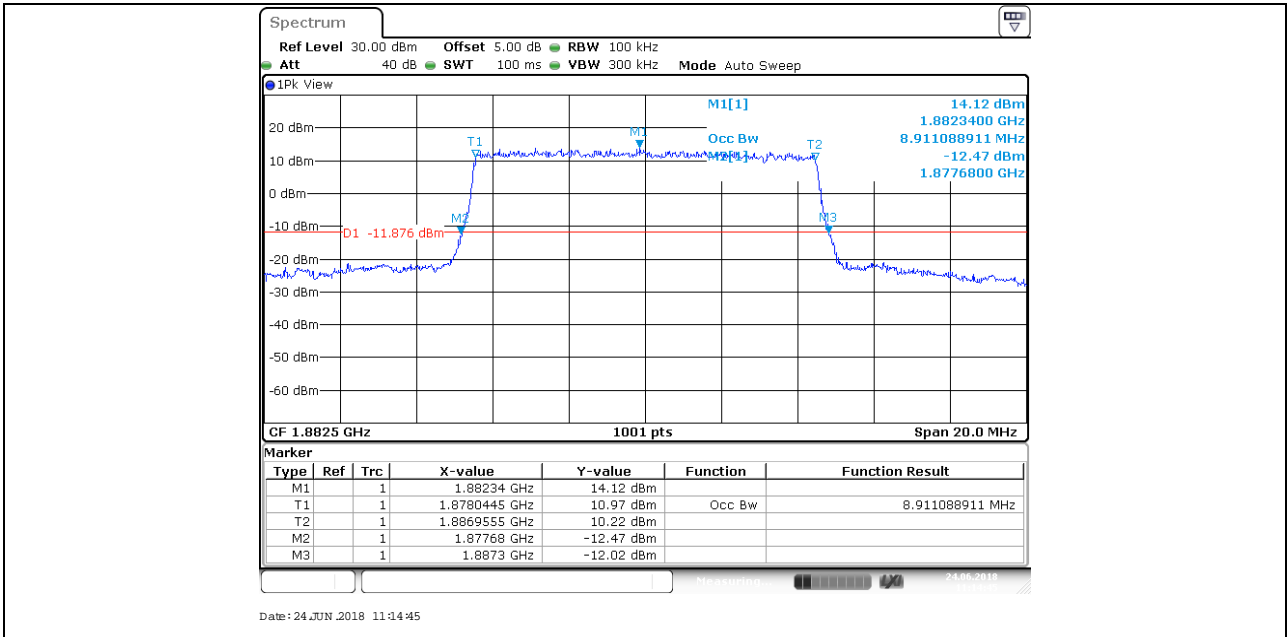


**BAND 25\_10MHz\_QPSK\_26090\_50RB#0**

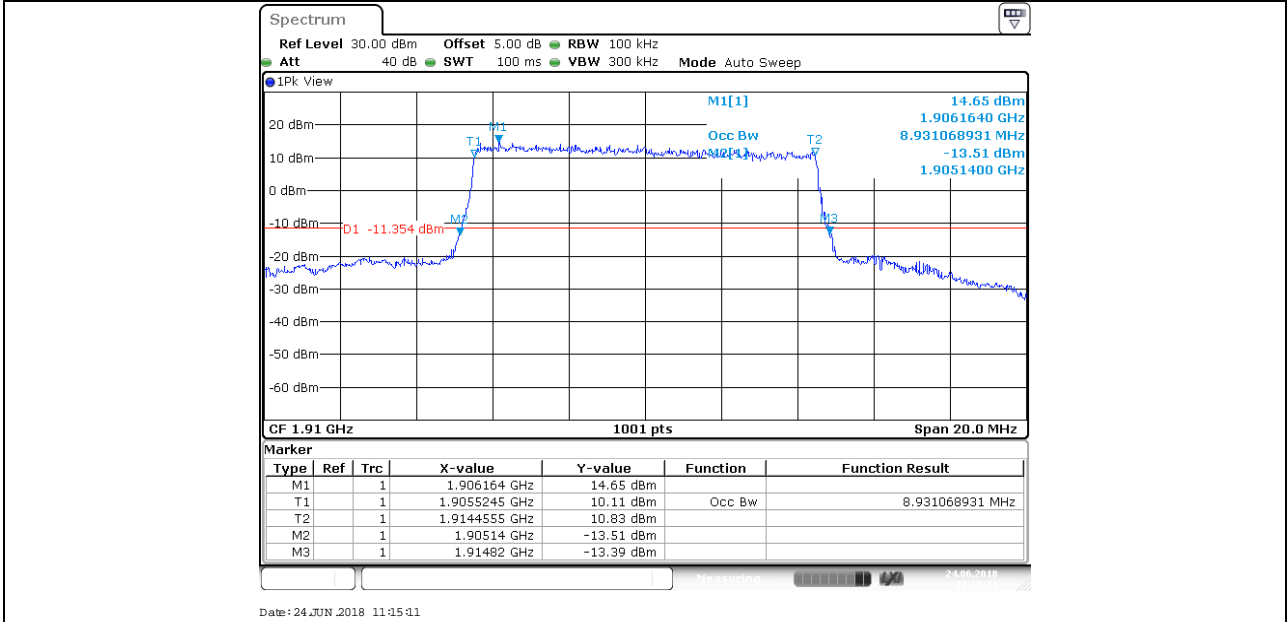


**BAND 25\_10MHz\_QPSK\_26365\_50RB#0**

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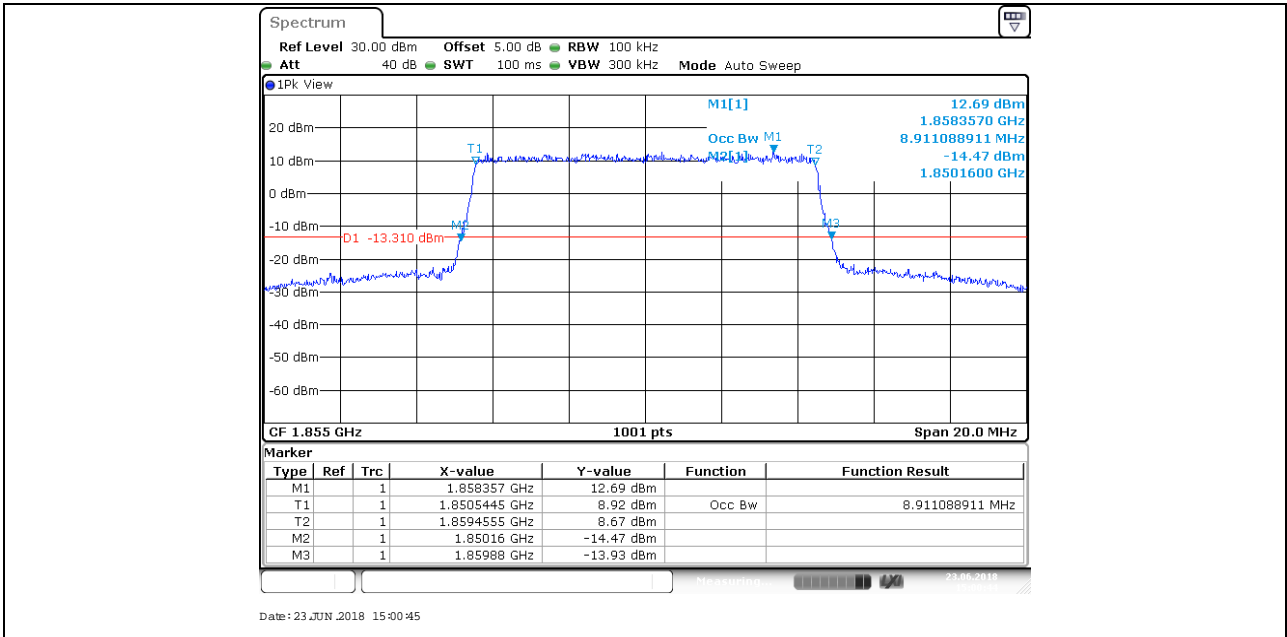


**BAND 25\_10MHz\_QPSK\_26640\_50RB#0**

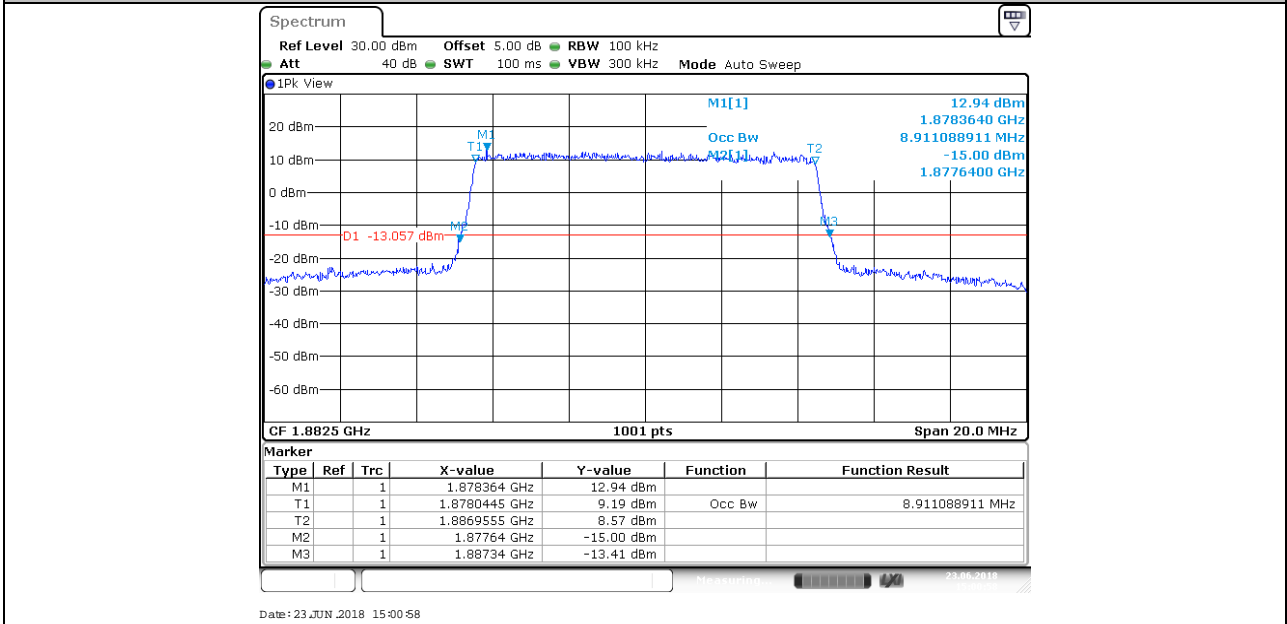


**BAND 25\_10MHz\_64QAM\_26090\_50RB#0**

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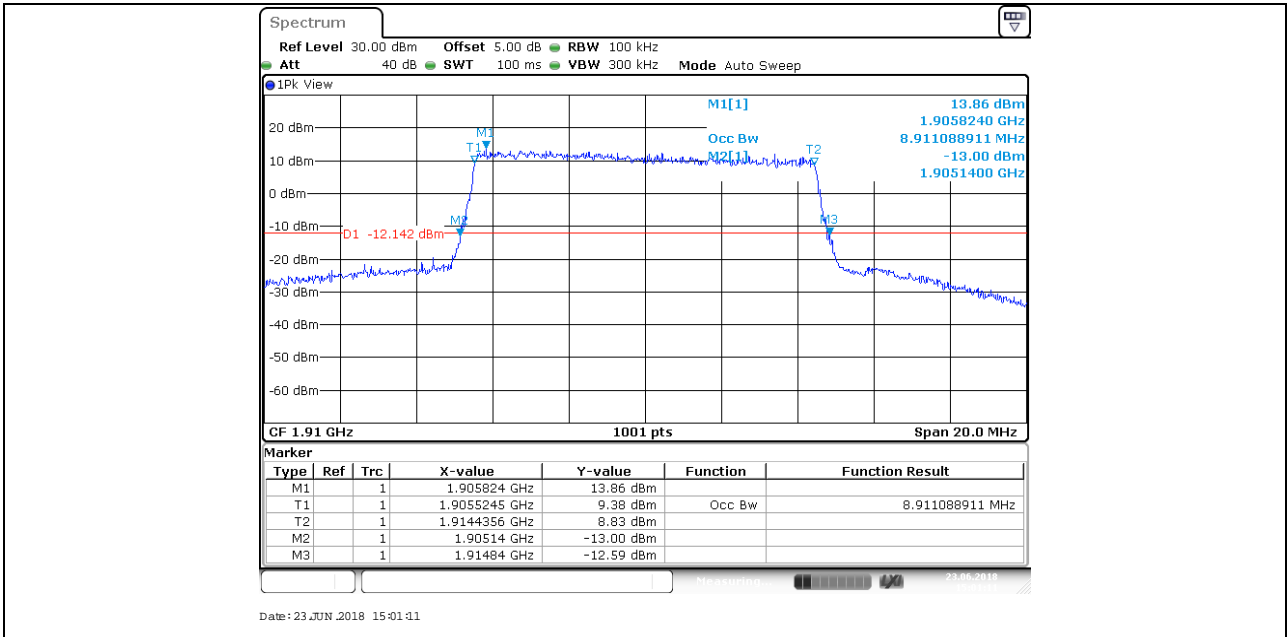


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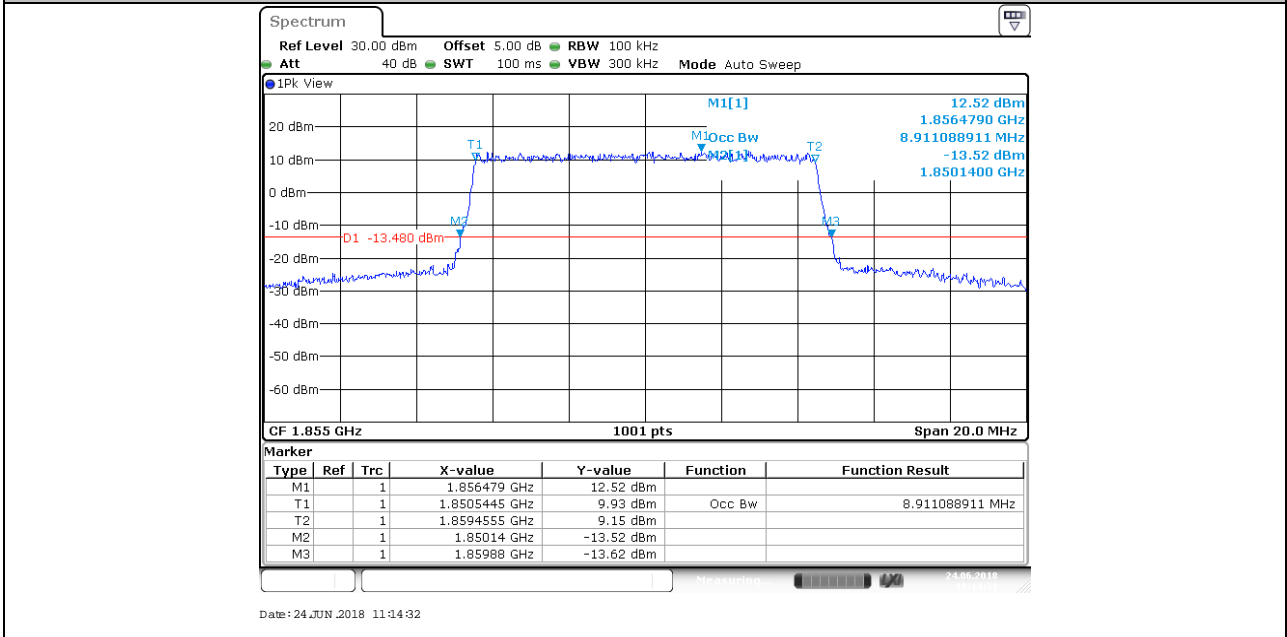


**BAND 25\_10MHz\_64QAM\_26640\_50RB#0**

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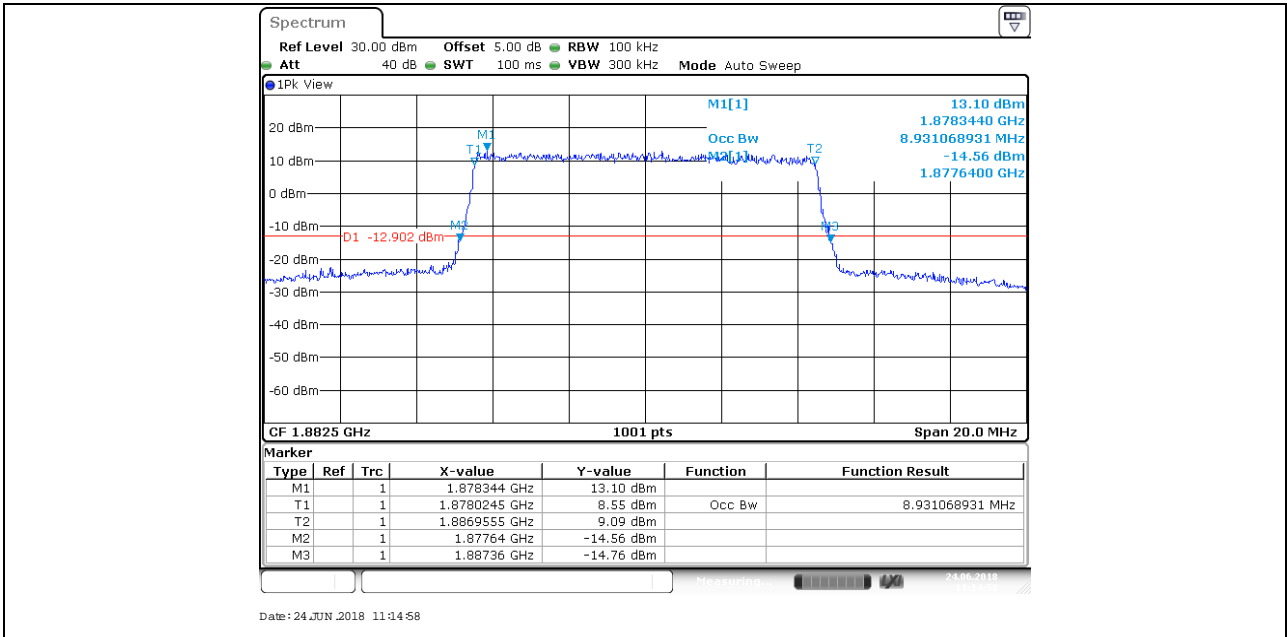


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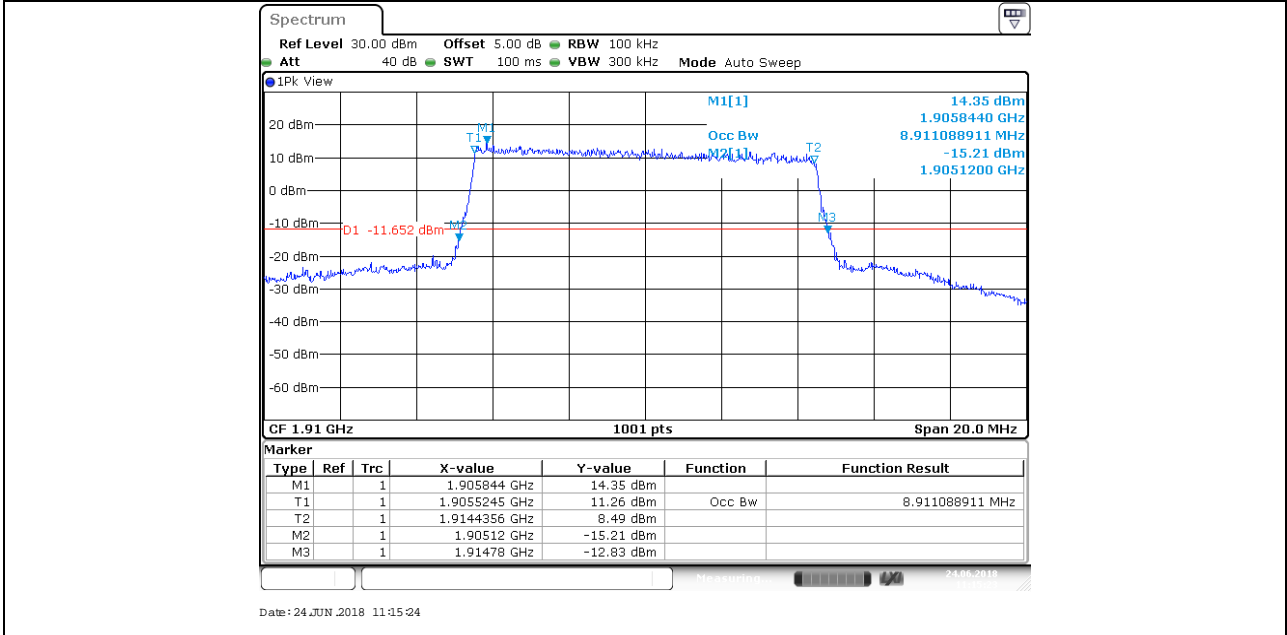


**BAND 25\_10MHz\_16QAM\_26365\_50RB#0**

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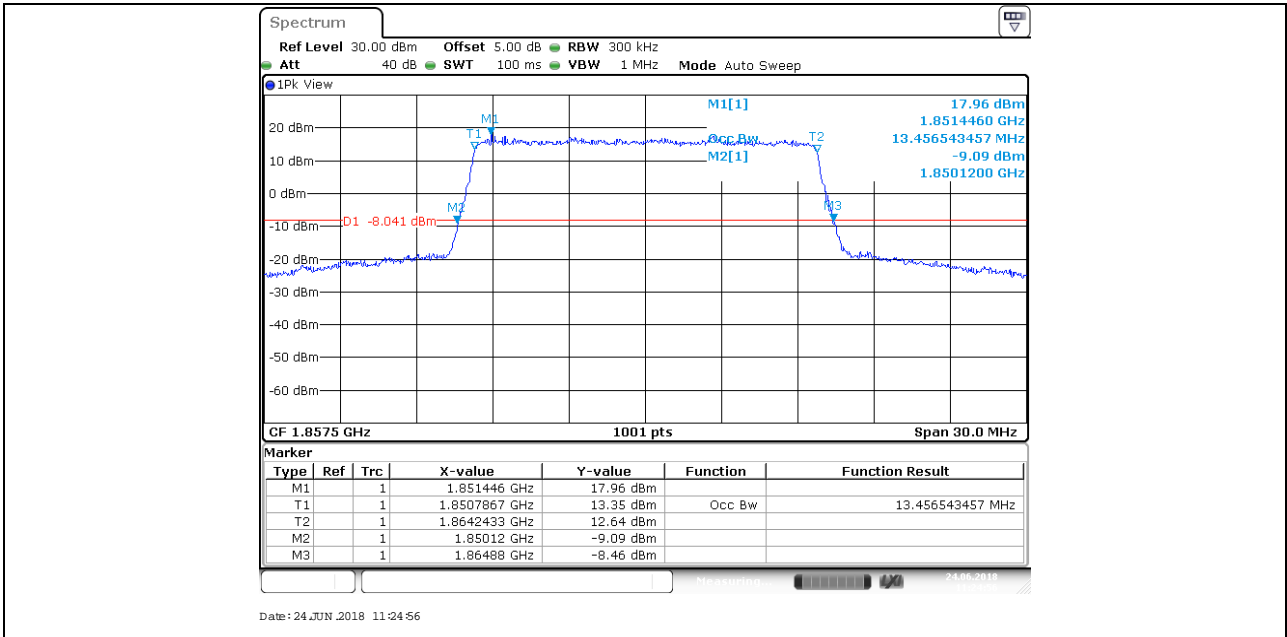
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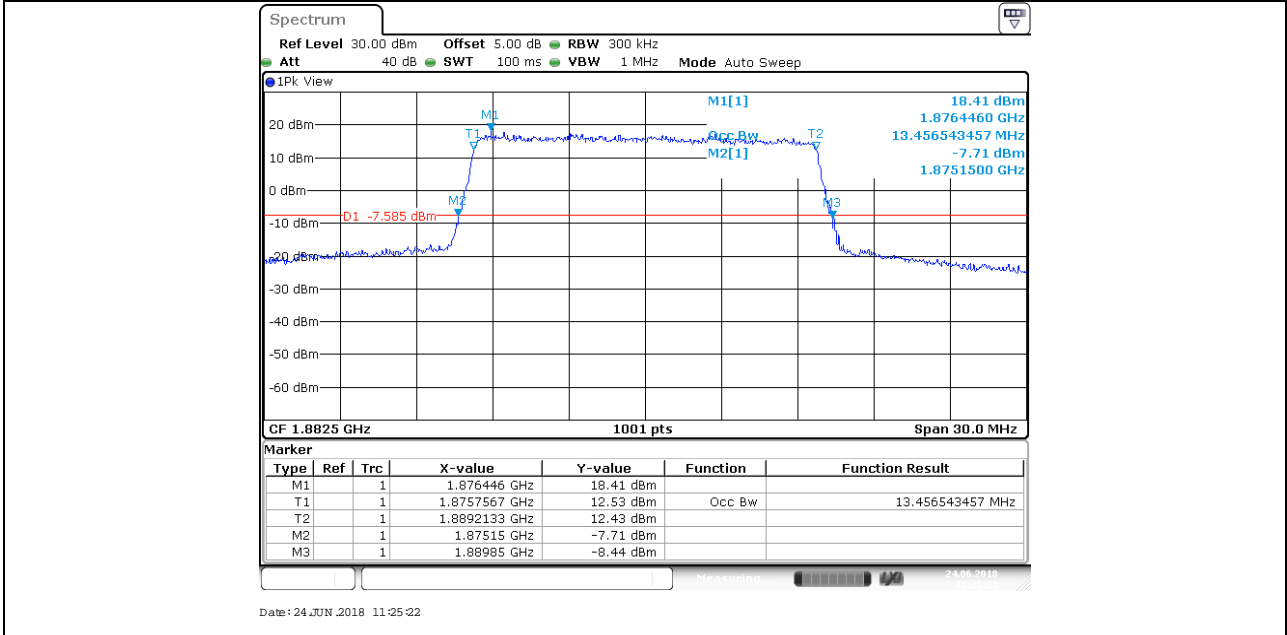
**BAND 25\_15MHz\_QPSK\_26115\_75RB#0**

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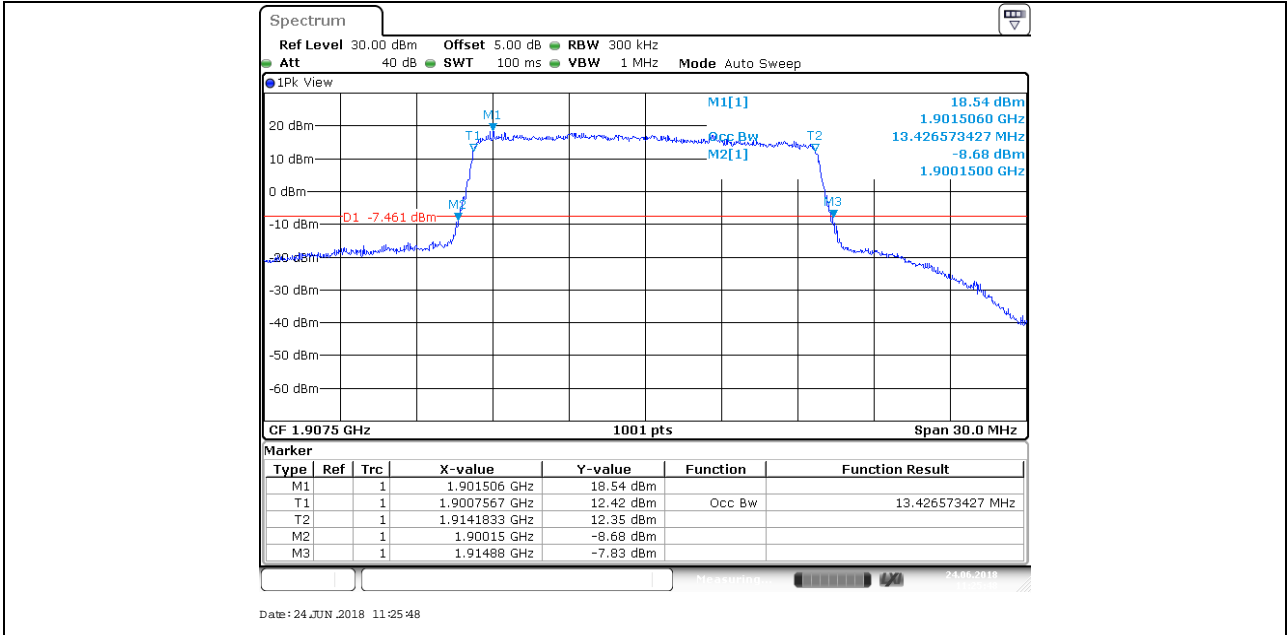


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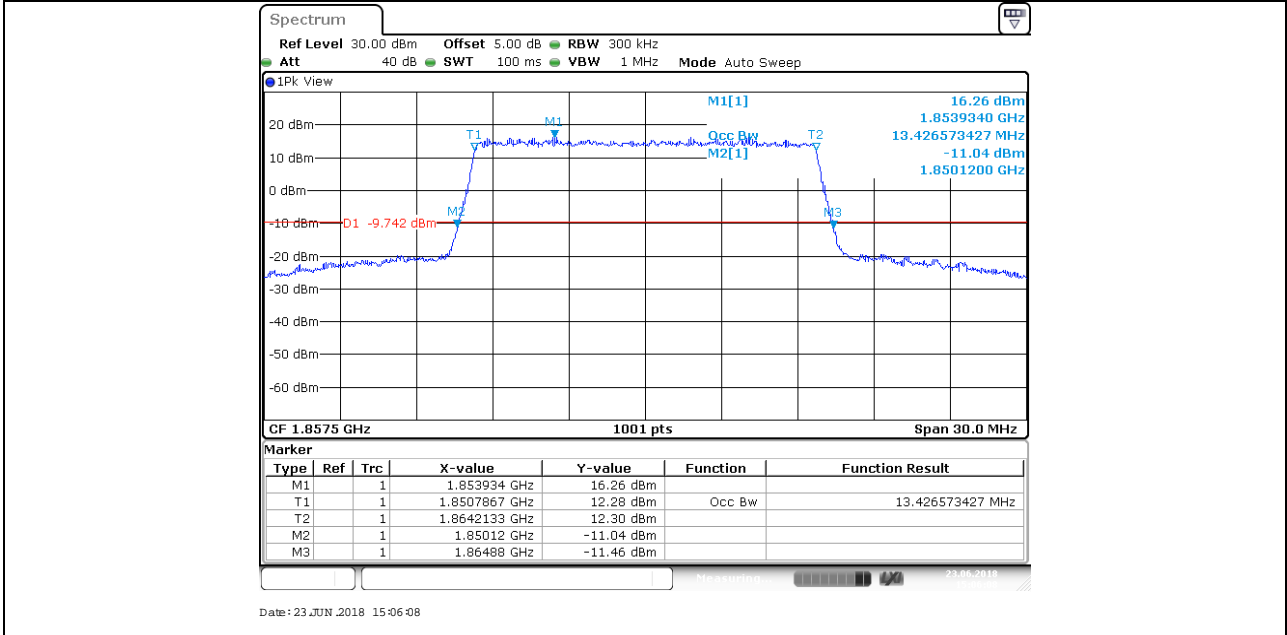


**BAND 25\_15MHz\_QPSK\_26615\_75RB#0**

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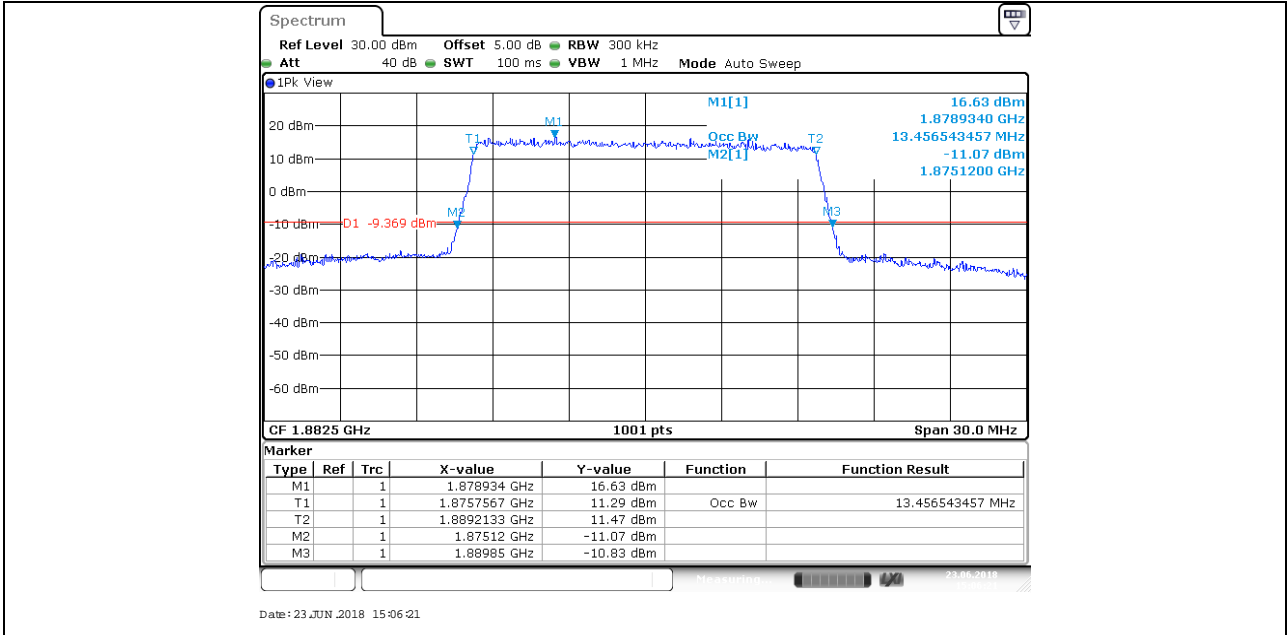


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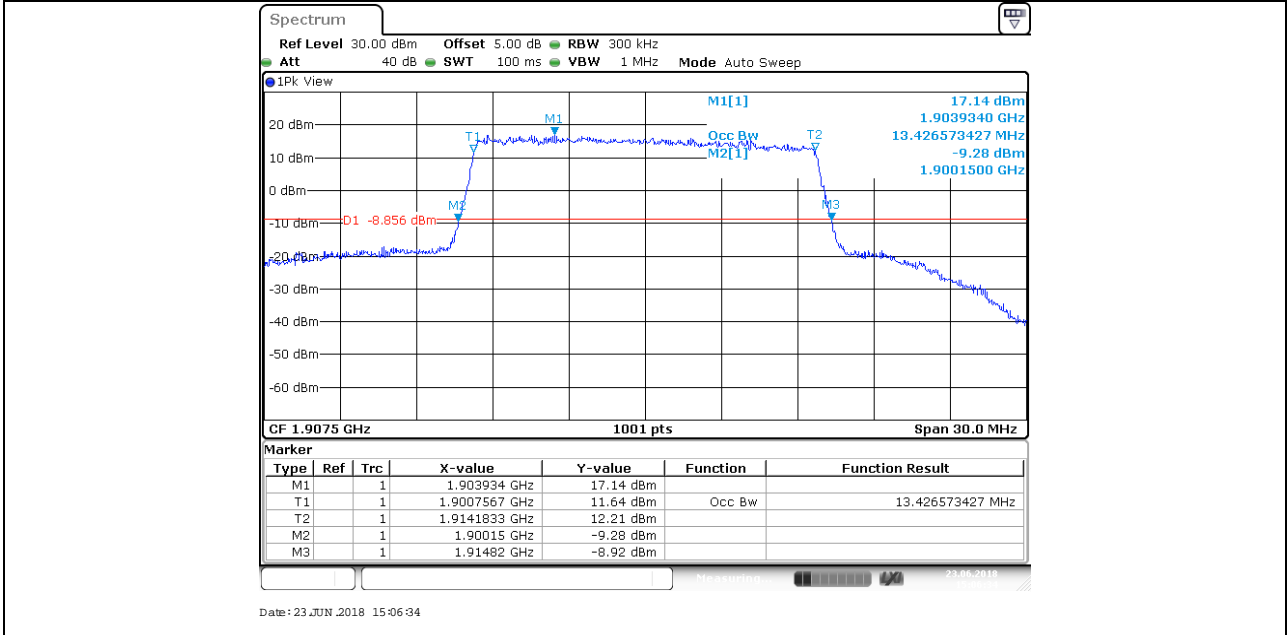


**BAND 25\_15MHz\_64QAM\_26365\_75RB#0**

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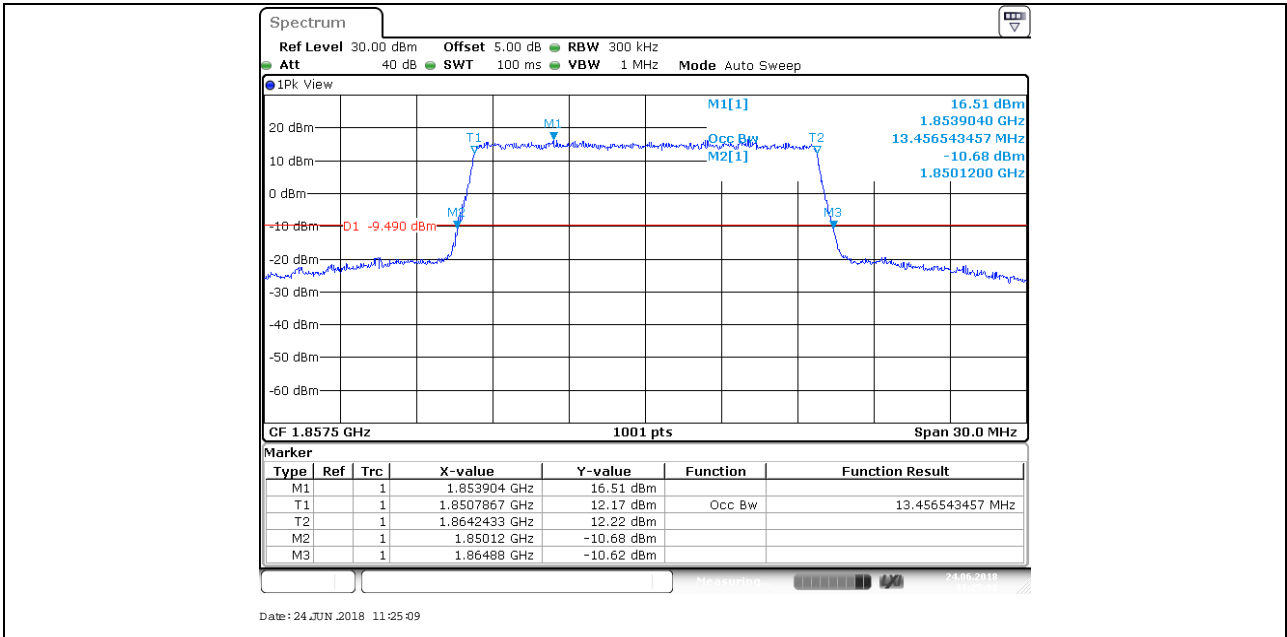


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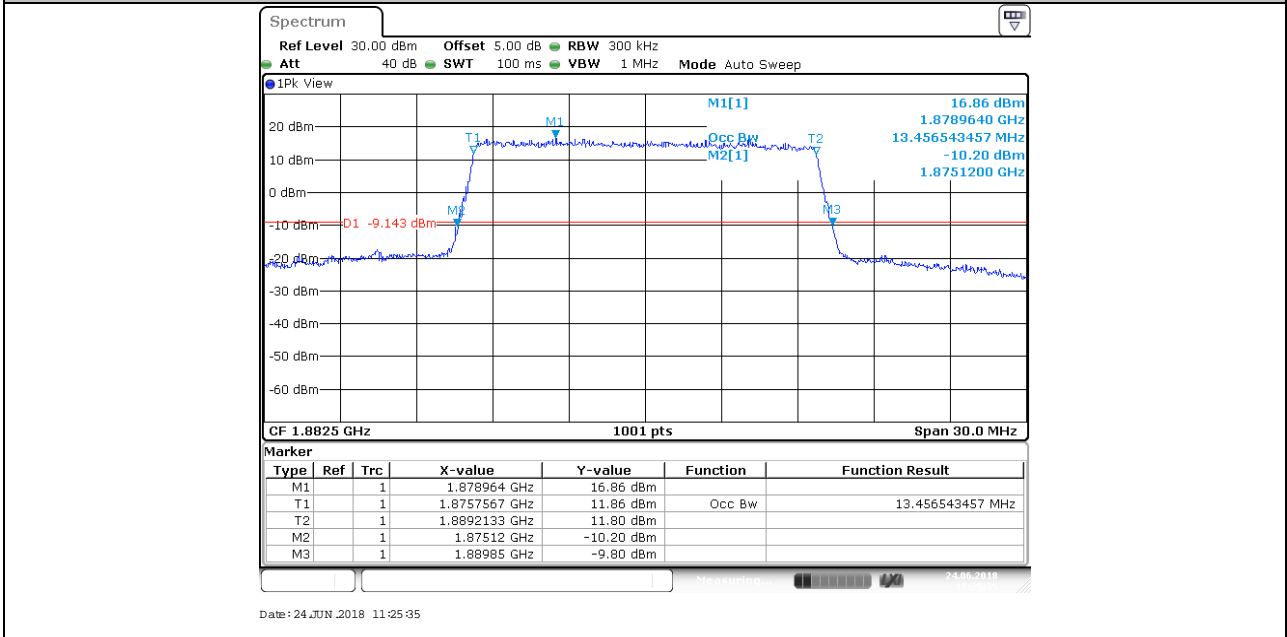


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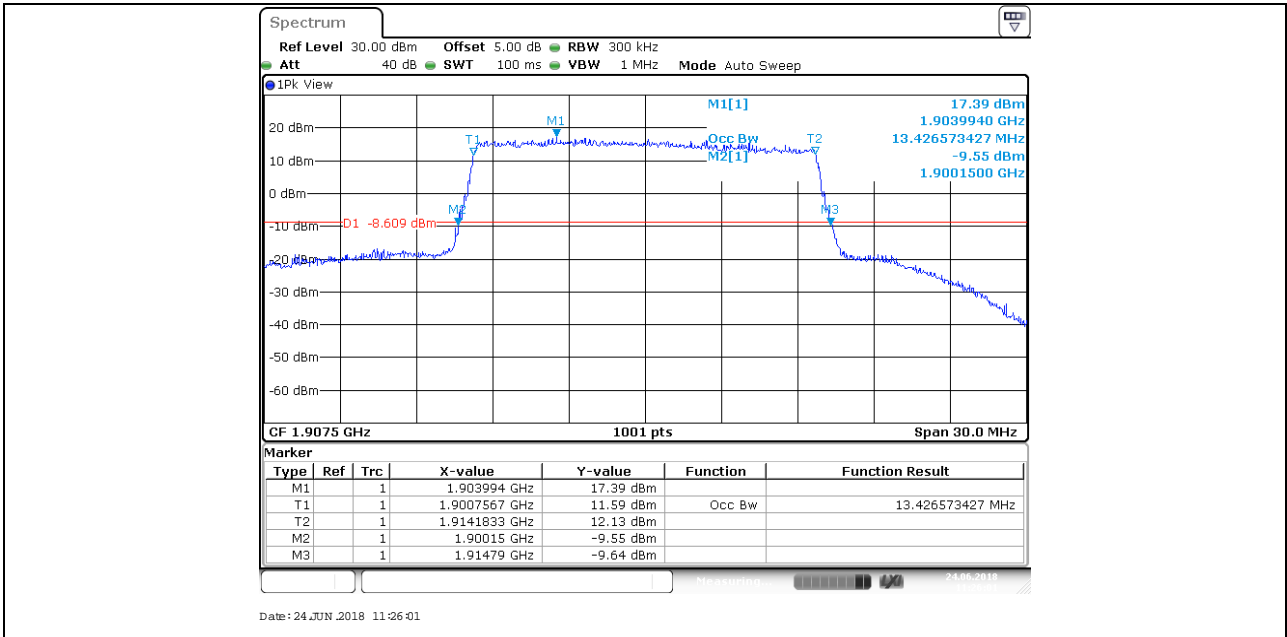


**BAND 25\_15MHz\_16QAM\_26365\_75RB#0**

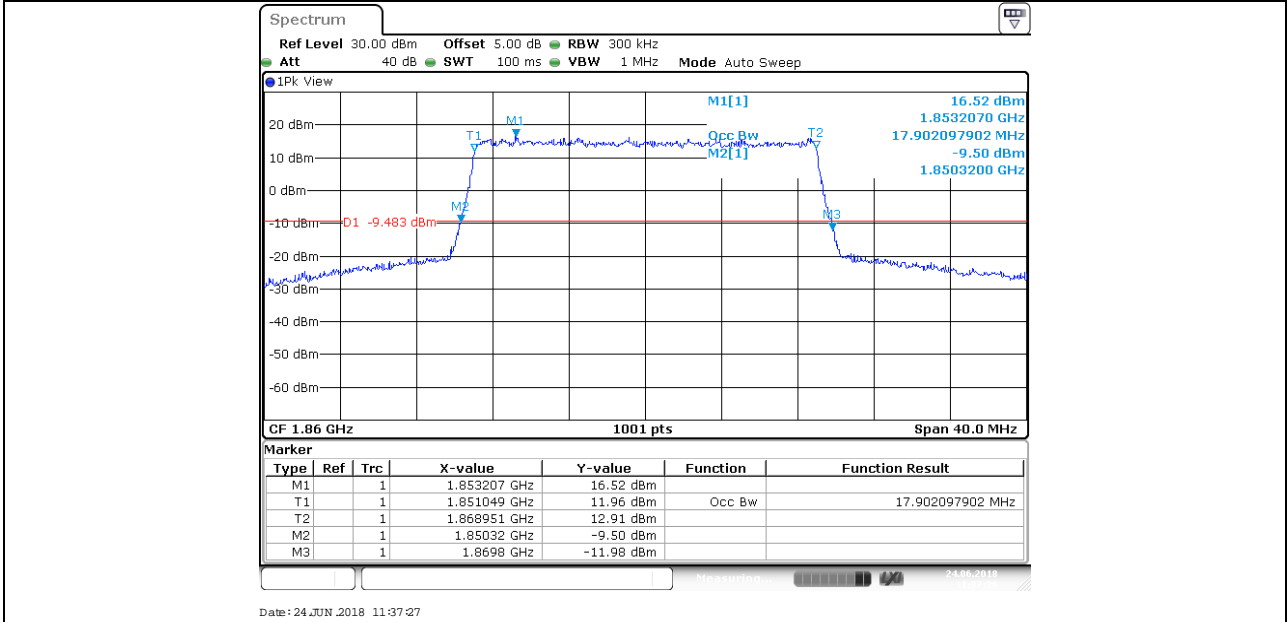


**BAND 25\_15MHz\_16QAM\_26615\_75RB#0**

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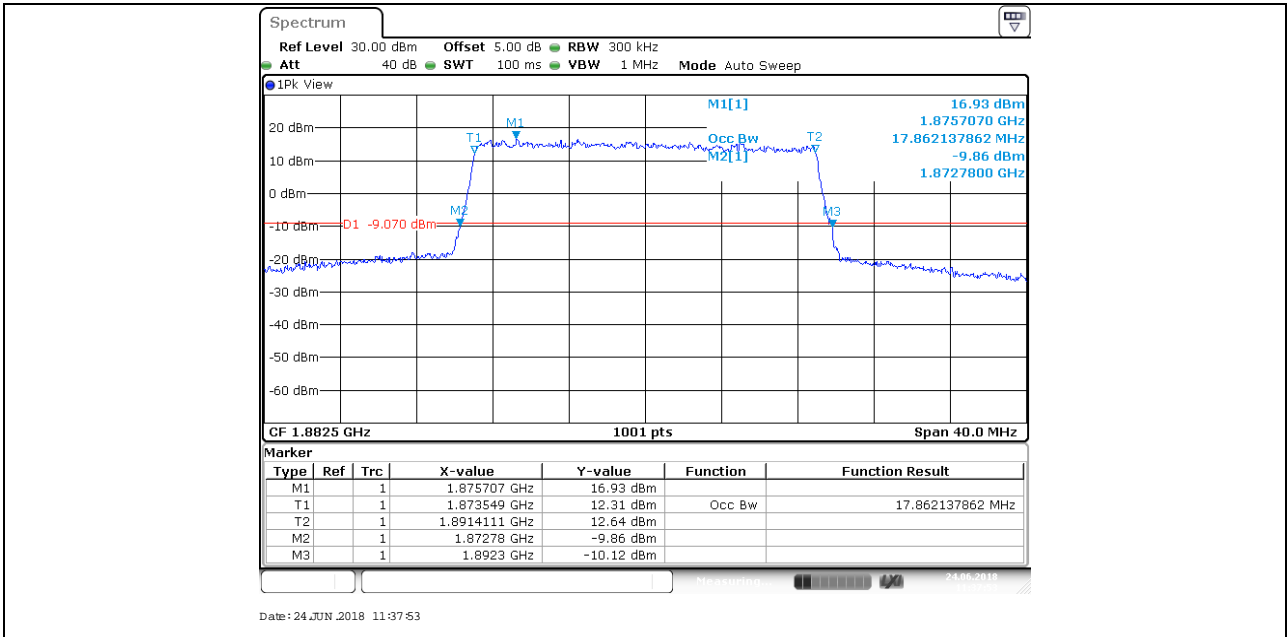


**BAND 25\_20MHz\_QPSK\_26140\_100RB#0**

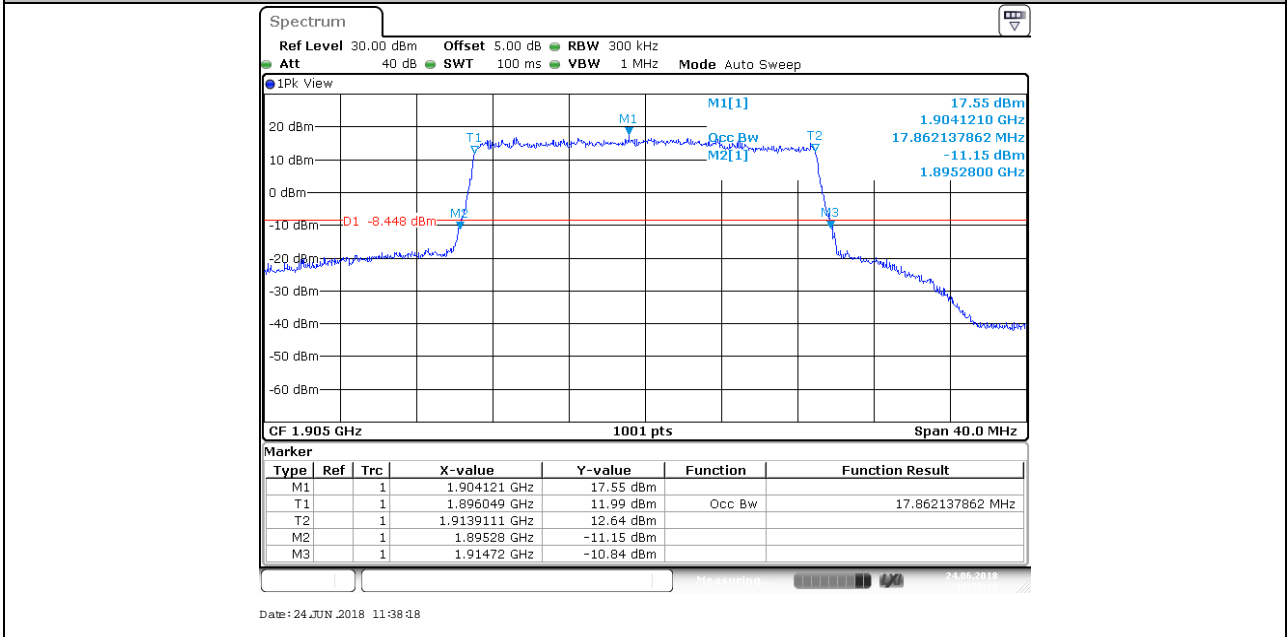


**BAND 25\_20MHz\_QPSK\_26365\_100RB#0**

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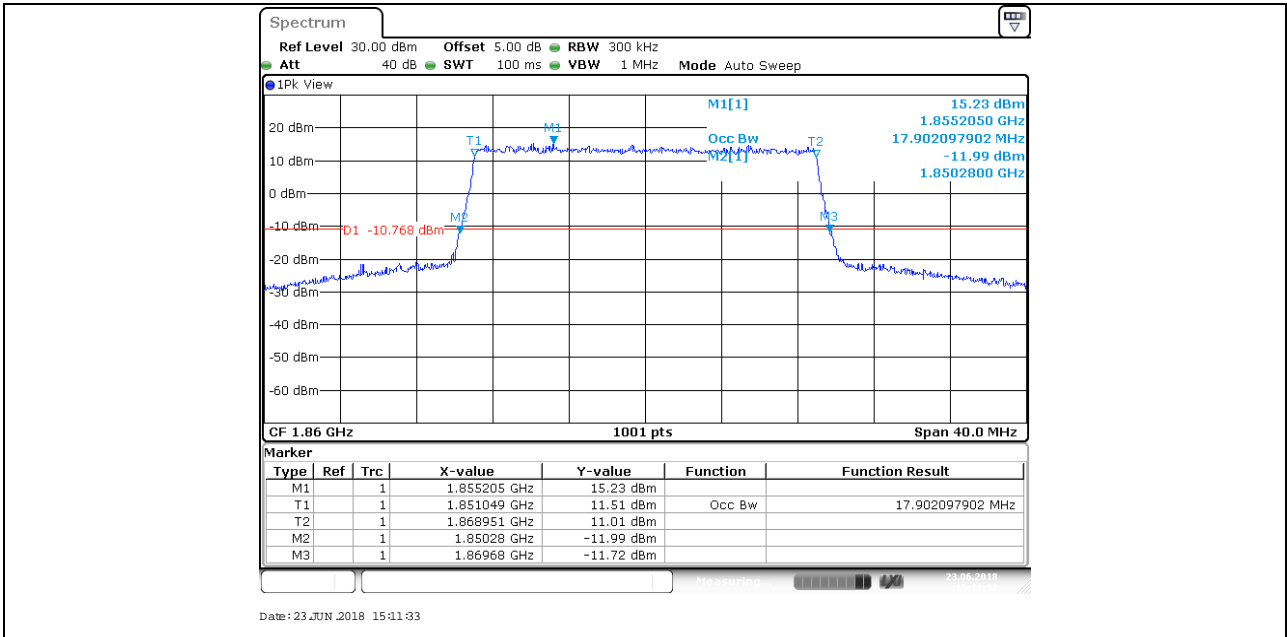
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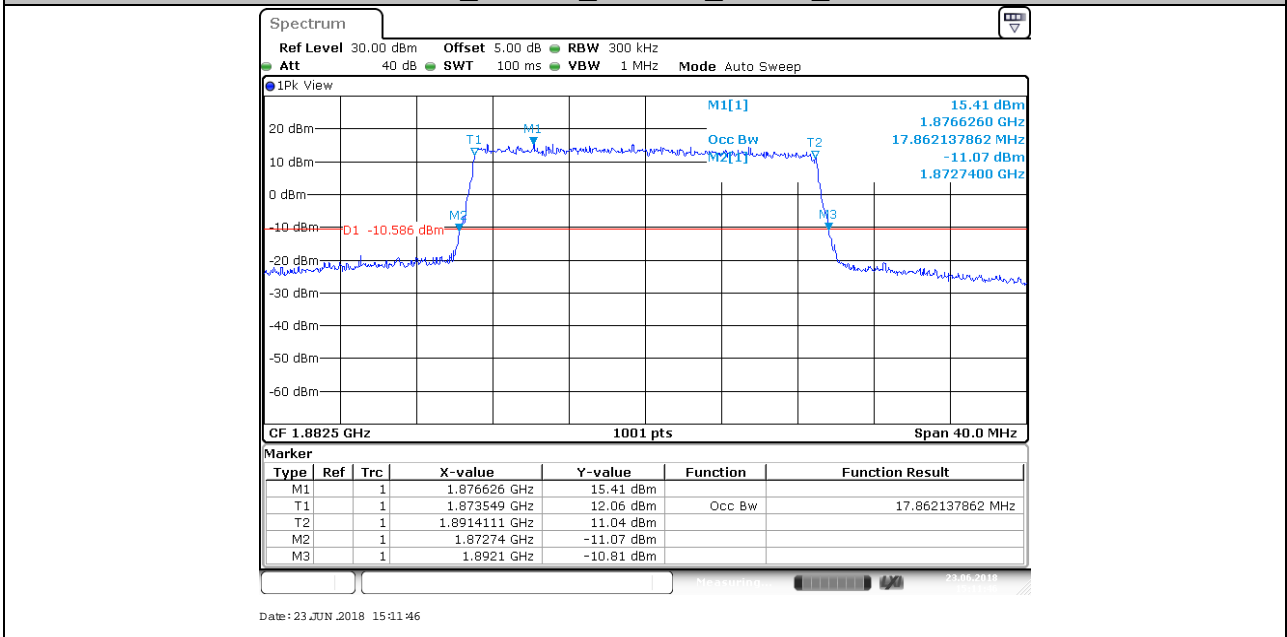
**BAND 25\_20MHz\_64QAM\_26140\_100RB#0**

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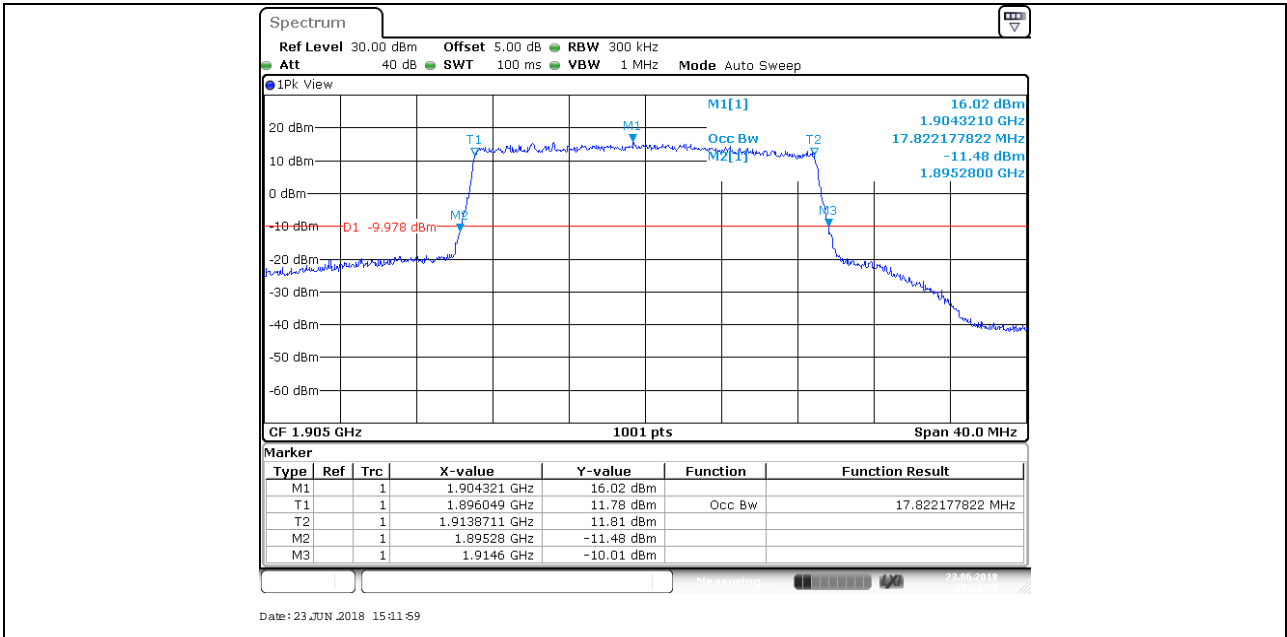


**BAND 25\_20MHz\_64QAM\_26365\_100RB#0**

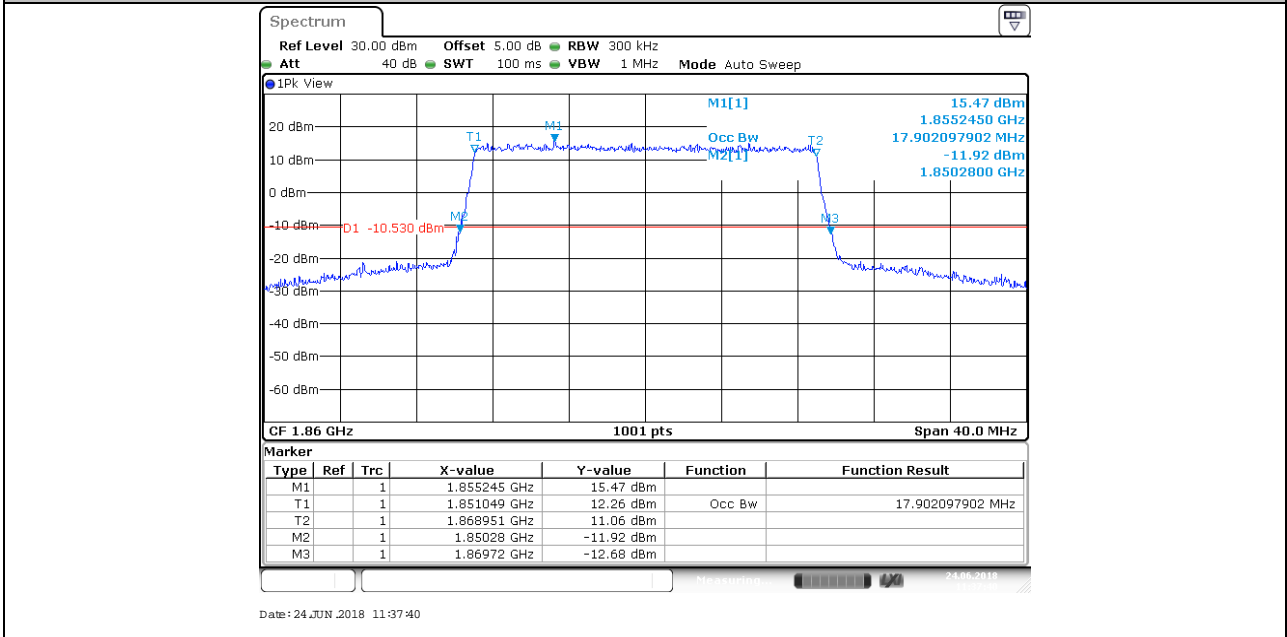


**BAND 25\_20MHz\_64QAM\_26590\_100RB#0**

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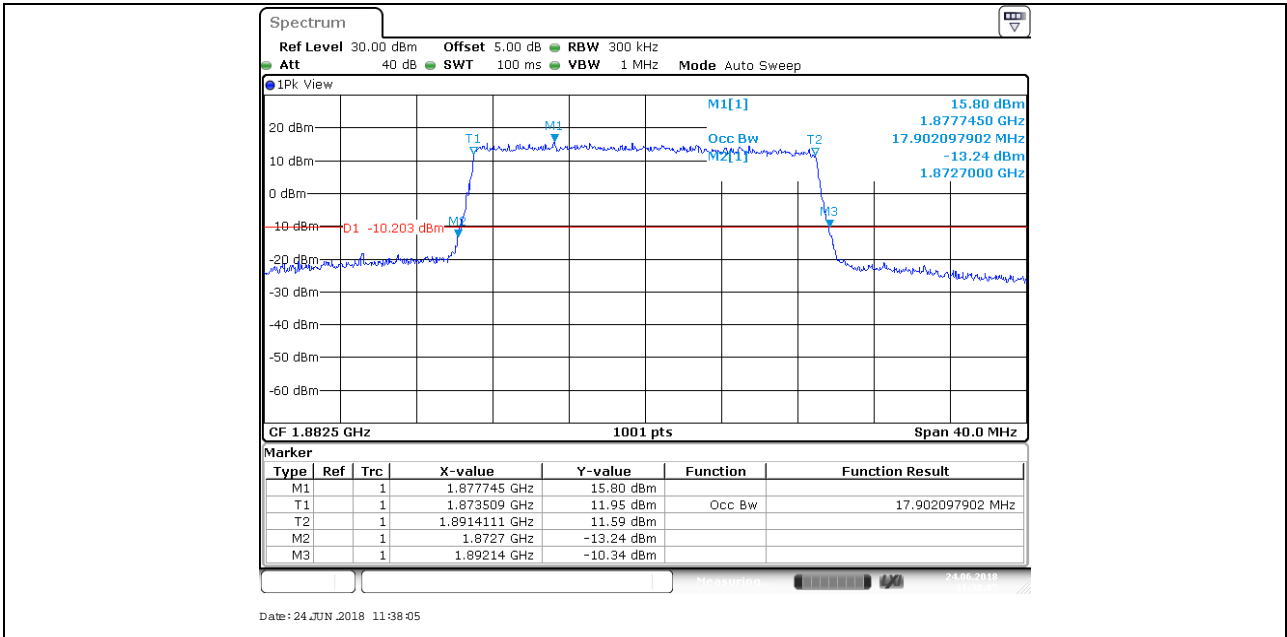


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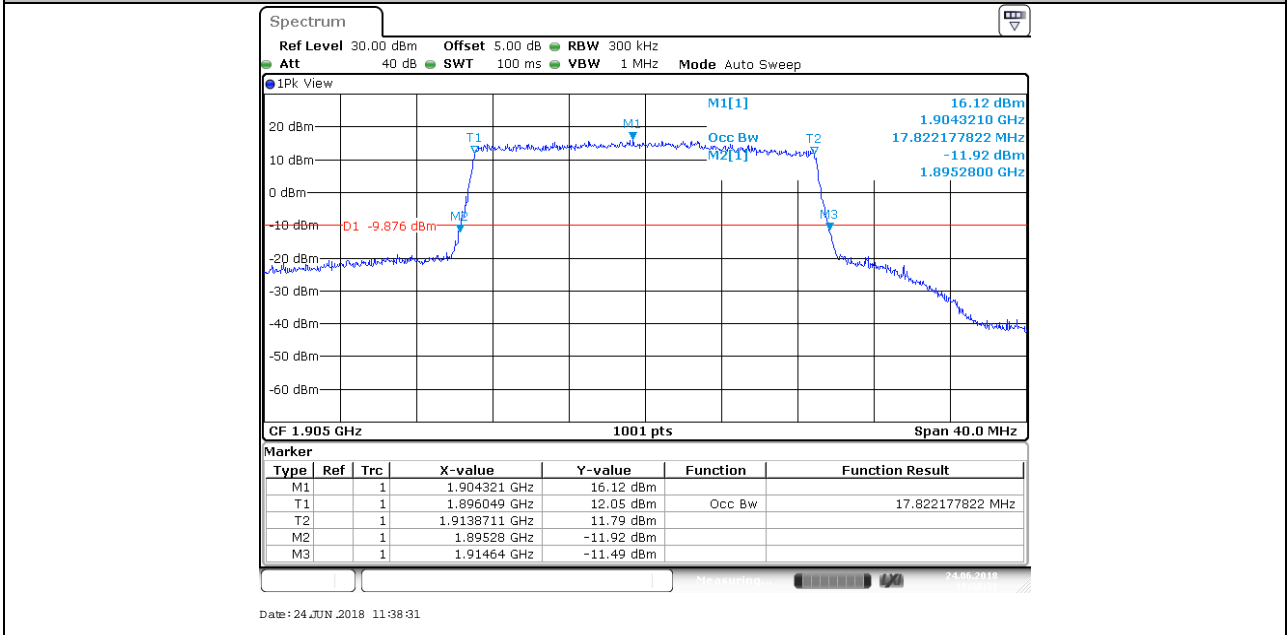


**BAND 25\_20MHz\_16QAM\_26365\_100RB#0**

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**BAND 25\_20MHz\_16QAM\_26590\_100RB#0**



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## 5 Band Edges Compliance

### 5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
BAND 25	1.4MHz	QPSK	26047	1RB#0	-21.48	PASS
BAND 25	1.4MHz	QPSK	26047	1RB#5	-48.56	PASS
BAND 25	1.4MHz	QPSK	26047	6RB#0	-24.50	PASS
BAND 25	1.4MHz	QPSK	26683	1RB#0	-43.67	PASS
BAND 25	1.4MHz	QPSK	26683	1RB#5	-20.50	PASS
BAND 25	1.4MHz	QPSK	26683	6RB#0	-21.17	PASS
BAND 25	1.4MHz	64QAM	26047	1RB#0	-23.09	PASS
BAND 25	1.4MHz	64QAM	26047	1RB#5	-48.71	PASS
BAND 25	1.4MHz	64QAM	26047	6RB#0	-26.34	PASS
BAND 25	1.4MHz	64QAM	26683	1RB#0	-45.98	PASS
BAND 25	1.4MHz	64QAM	26683	1RB#5	-22.67	PASS
BAND 25	1.4MHz	64QAM	26683	6RB#0	-23.84	PASS
BAND 25	1.4MHz	16QAM	26047	1RB#0	-22.15	PASS
BAND 25	1.4MHz	16QAM	26047	1RB#5	-48.27	PASS
BAND 25	1.4MHz	16QAM	26047	6RB#0	-25.94	PASS
BAND 25	1.4MHz	16QAM	26683	1RB#0	-44.72	PASS
BAND 25	1.4MHz	16QAM	26683	1RB#5	-21.36	PASS
BAND 25	1.4MHz	16QAM	26683	6RB#0	-22.79	PASS
BAND 25	3MHz	QPSK	26055	1RB#0	-13.27	PASS
BAND 25	3MHz	QPSK	26055	1RB#14	-45.45	PASS
BAND 25	3MHz	QPSK	26055	15RB#0	-22.87	PASS
BAND 25	3MHz	QPSK	26675	1RB#0	-45.43	PASS
BAND 25	3MHz	QPSK	26675	1RB#14	-13.72	PASS
BAND 25	3MHz	QPSK	26675	15RB#0	-20.77	PASS
BAND 25	3MHz	64QAM	26055	1RB#0	-14.26	PASS
BAND 25	3MHz	64QAM	26055	1RB#14	-47.97	PASS
BAND 25	3MHz	64QAM	26055	15RB#0	-24.14	PASS
BAND 25	3MHz	64QAM	26675	1RB#0	-46.29	PASS
BAND 25	3MHz	64QAM	26675	1RB#14	-15.02	PASS
BAND 25	3MHz	64QAM	26675	15RB#0	-24.17	PASS
BAND 25	3MHz	16QAM	26055	1RB#0	-13.27	PASS
BAND 25	3MHz	16QAM	26055	1RB#14	-46.01	PASS
BAND 25	3MHz	16QAM	26055	15RB#0	-24.08	PASS
BAND 25	3MHz	16QAM	26675	1RB#0	-45.45	PASS
BAND 25	3MHz	16QAM	26675	1RB#14	-14.54	PASS
BAND 25	3MHz	16QAM	26675	15RB#0	-23.13	PASS
BAND 25	5MHz	QPSK	26065	1RB#0	-19.96	PASS
BAND 25	5MHz	QPSK	26065	1RB#24	-53.40	PASS
BAND 25	5MHz	QPSK	26065	25RB#0	-28.74	PASS
BAND 25	5MHz	QPSK	26665	1RB#0	-53.16	PASS
BAND 25	5MHz	QPSK	26665	1RB#24	-19.54	PASS

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

Report No.: SZEM180500453601

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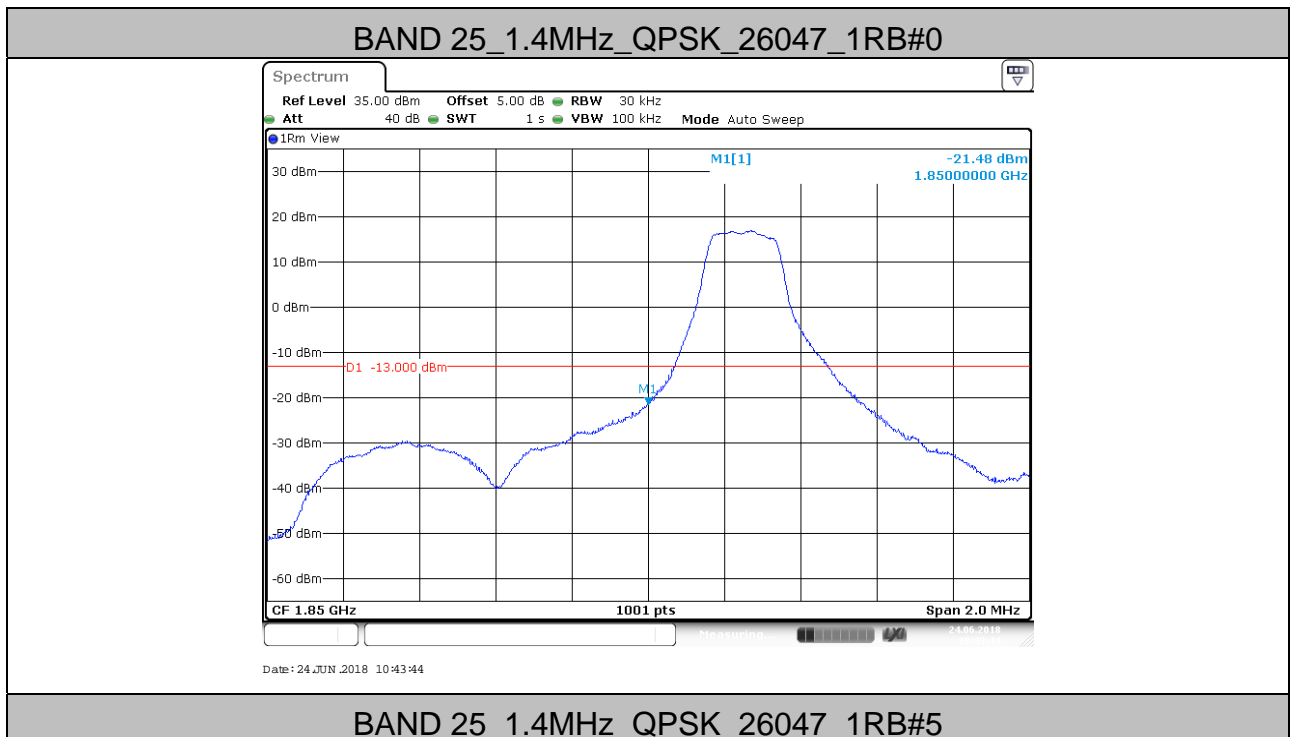
BAND 25	5MHz	QPSK	26665	25RB#0	-27.16	PASS
BAND 25	5MHz	64QAM	26065	1RB#0	-20.43	PASS
BAND 25	5MHz	64QAM	26065	1RB#24	-54.63	PASS
BAND 25	5MHz	64QAM	26065	25RB#0	-30.02	PASS
BAND 25	5MHz	64QAM	26665	1RB#0	-54.12	PASS
BAND 25	5MHz	64QAM	26665	1RB#24	-20.99	PASS
BAND 25	5MHz	64QAM	26665	25RB#0	-29.45	PASS
BAND 25	5MHz	16QAM	26065	1RB#0	-20.45	PASS
BAND 25	5MHz	16QAM	26065	1RB#24	-53.87	PASS
BAND 25	5MHz	16QAM	26065	25RB#0	-29.53	PASS
BAND 25	5MHz	16QAM	26665	1RB#0	-53.62	PASS
BAND 25	5MHz	16QAM	26665	1RB#24	-20.27	PASS
BAND 25	5MHz	16QAM	26665	25RB#0	-28.47	PASS
BAND 25	10MHz	QPSK	26090	1RB#0	-31.05	PASS
BAND 25	10MHz	QPSK	26090	1RB#49	-48.73	PASS
BAND 25	10MHz	QPSK	26090	50RB#0	-30.07	PASS
BAND 25	10MHz	QPSK	26640	1RB#0	-51.15	PASS
BAND 25	10MHz	QPSK	26640	1RB#49	-30.72	PASS
BAND 25	10MHz	QPSK	26640	50RB#0	-29.46	PASS
BAND 25	10MHz	64QAM	26090	1RB#0	-31.41	PASS
BAND 25	10MHz	64QAM	26090	1RB#49	-50.14	PASS
BAND 25	10MHz	64QAM	26090	50RB#0	-32.04	PASS
BAND 25	10MHz	64QAM	26640	1RB#0	-51.82	PASS
BAND 25	10MHz	64QAM	26640	1RB#49	-31.55	PASS
BAND 25	10MHz	64QAM	26640	50RB#0	-31.58	PASS
BAND 25	10MHz	16QAM	26090	1RB#0	-30.46	PASS
BAND 25	10MHz	16QAM	26090	1RB#49	-49.52	PASS
BAND 25	10MHz	16QAM	26090	50RB#0	-31.71	PASS
BAND 25	10MHz	16QAM	26640	1RB#0	-51.02	PASS
BAND 25	10MHz	16QAM	26640	1RB#49	-31.76	PASS
BAND 25	10MHz	16QAM	26640	50RB#0	-31.43	PASS
BAND 25	15MHz	QPSK	26115	1RB#0	-22.40	PASS
BAND 25	15MHz	QPSK	26115	1RB#74	-43.64	PASS
BAND 25	15MHz	QPSK	26115	75RB#0	-27.17	PASS
BAND 25	15MHz	QPSK	26615	1RB#0	-44.96	PASS
BAND 25	15MHz	QPSK	26615	1RB#74	-23.08	PASS
BAND 25	15MHz	QPSK	26615	75RB#0	-26.28	PASS
BAND 25	15MHz	64QAM	26115	1RB#0	-23.27	PASS
BAND 25	15MHz	64QAM	26115	1RB#74	-45.22	PASS
BAND 25	15MHz	64QAM	26115	75RB#0	-29.16	PASS
BAND 25	15MHz	64QAM	26615	1RB#0	-46.60	PASS
BAND 25	15MHz	64QAM	26615	1RB#74	-22.77	PASS
BAND 25	15MHz	64QAM	26615	75RB#0	-27.93	PASS
BAND 25	15MHz	16QAM	26115	1RB#0	-22.53	PASS
BAND 25	15MHz	16QAM	26115	1RB#74	-44.02	PASS

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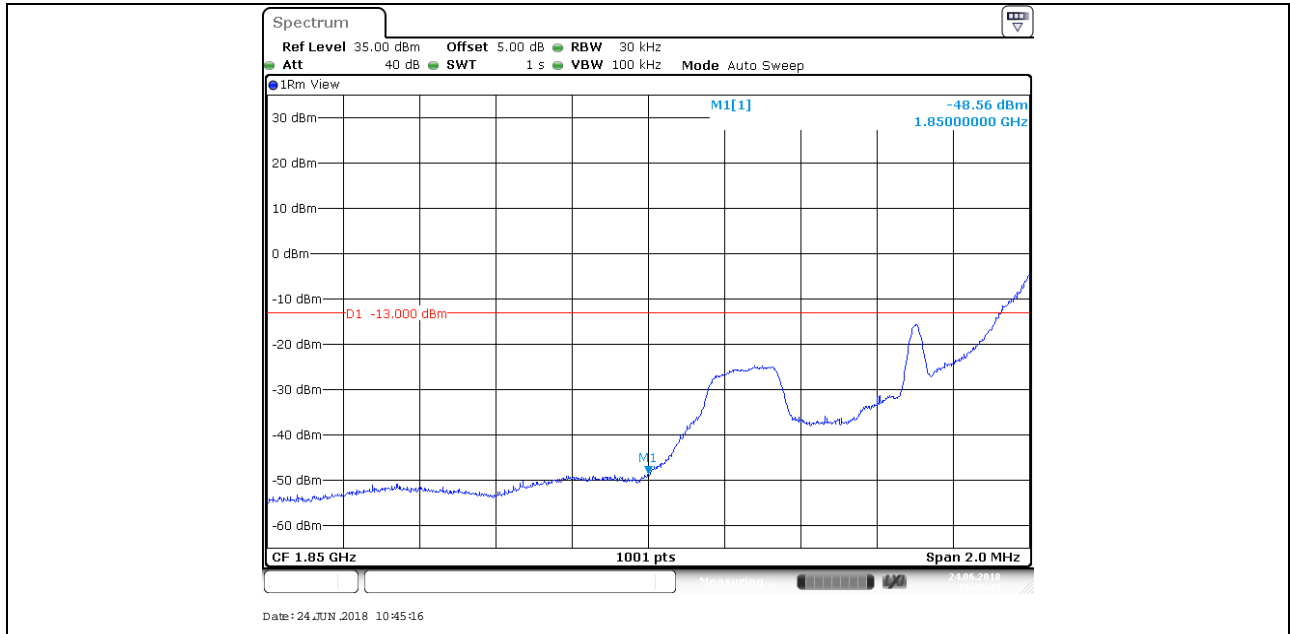
BAND 25	15MHz	16QAM	26115	75RB#0	-29.17	PASS
BAND 25	15MHz	16QAM	26615	1RB#0	-45.88	PASS
BAND 25	15MHz	16QAM	26615	1RB#74	-22.63	PASS
BAND 25	15MHz	16QAM	26615	75RB#0	-28.02	PASS
BAND 25	20MHz	QPSK	26140	1RB#0	-25.47	PASS
BAND 25	20MHz	QPSK	26140	1RB#99	-48.09	PASS
BAND 25	20MHz	QPSK	26140	100RB#0	-28.75	PASS
BAND 25	20MHz	QPSK	26590	1RB#0	-49.32	PASS
BAND 25	20MHz	QPSK	26590	1RB#99	-26.85	PASS
BAND 25	20MHz	QPSK	26590	100RB#0	-28.08	PASS
BAND 25	20MHz	64QAM	26140	1RB#0	-25.65	PASS
BAND 25	20MHz	64QAM	26140	1RB#99	-48.32	PASS
BAND 25	20MHz	64QAM	26140	100RB#0	-31.31	PASS
BAND 25	20MHz	64QAM	26590	1RB#0	-49.84	PASS
BAND 25	20MHz	64QAM	26590	1RB#99	-27.09	PASS
BAND 25	20MHz	64QAM	26590	100RB#0	-30.63	PASS
BAND 25	20MHz	16QAM	26140	1RB#0	-24.82	PASS
BAND 25	20MHz	16QAM	26140	1RB#99	-48.12	PASS
BAND 25	20MHz	16QAM	26140	100RB#0	-30.81	PASS
BAND 25	20MHz	16QAM	26590	1RB#0	-49.23	PASS
BAND 25	20MHz	16QAM	26590	1RB#99	-27.61	PASS
BAND 25	20MHz	16QAM	26590	100RB#0	-30.32	PASS

## 5.2. Test Plots

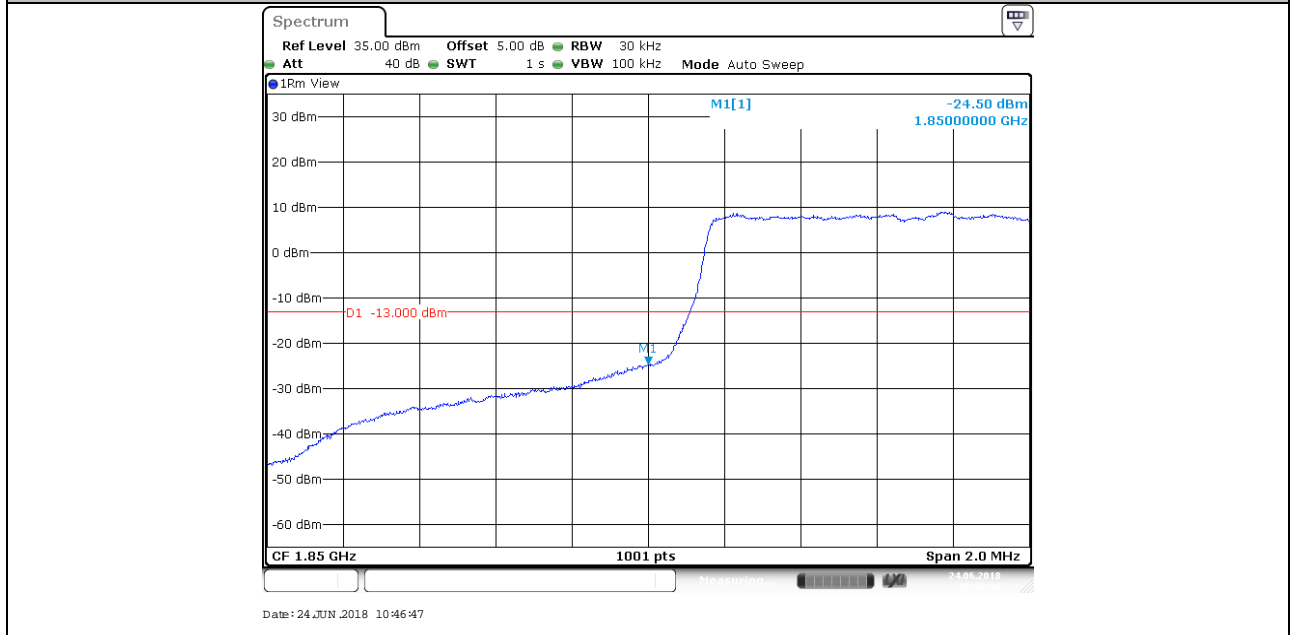


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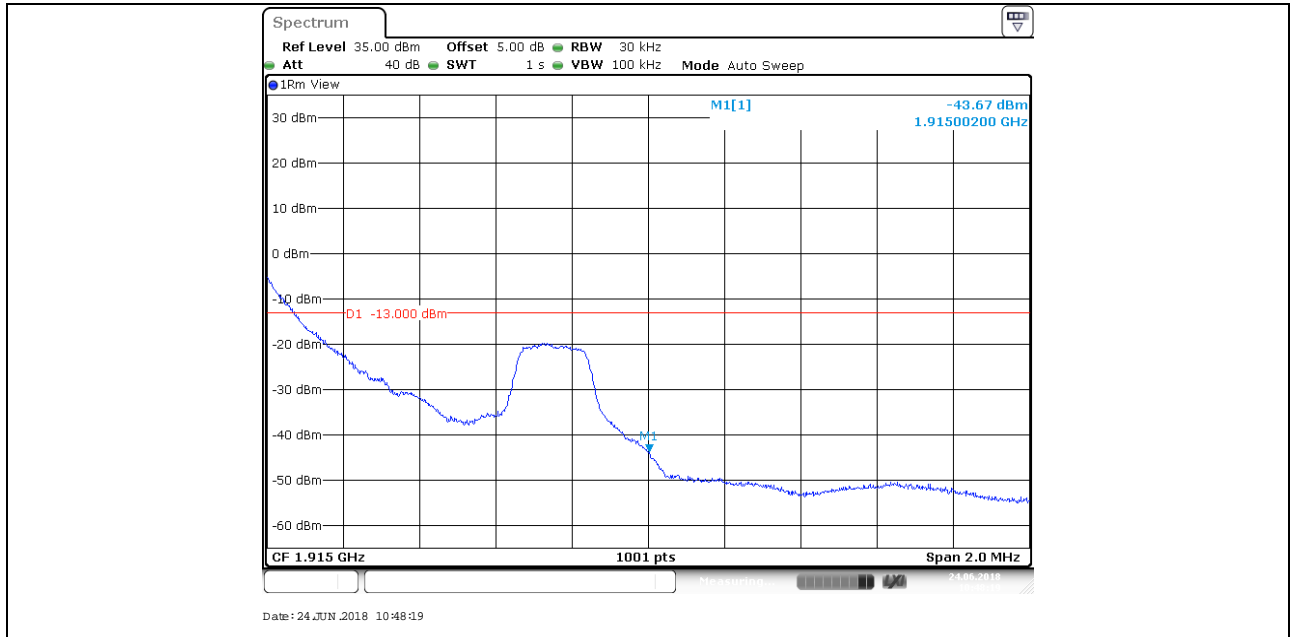




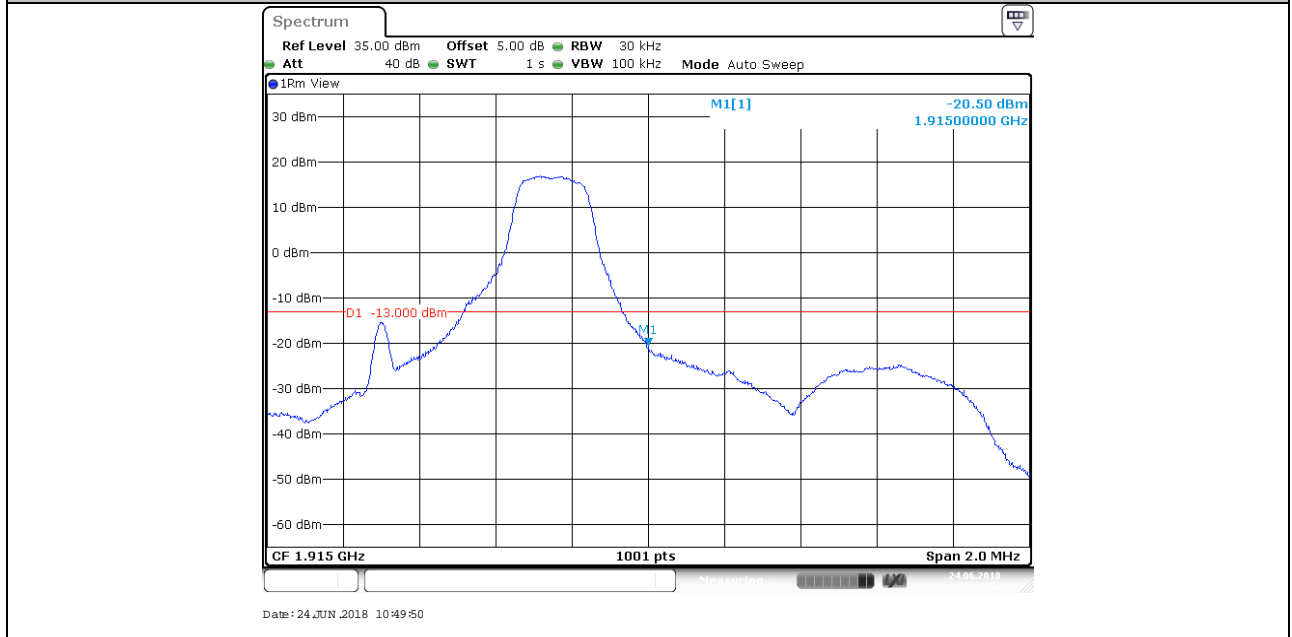
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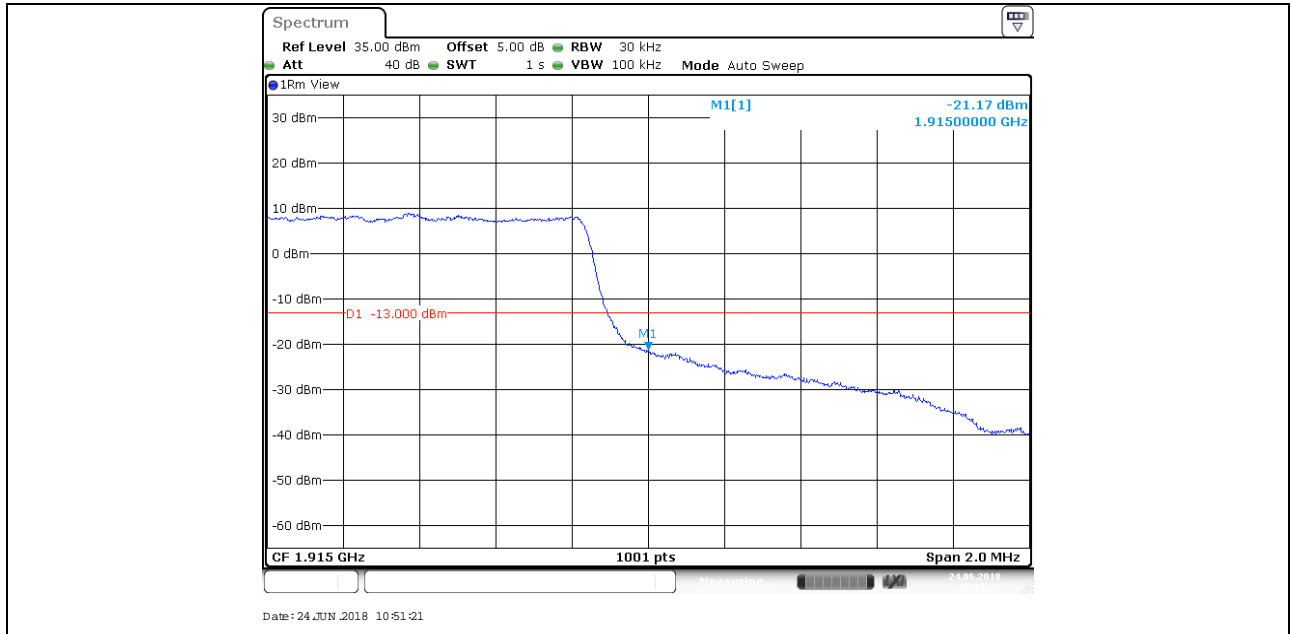
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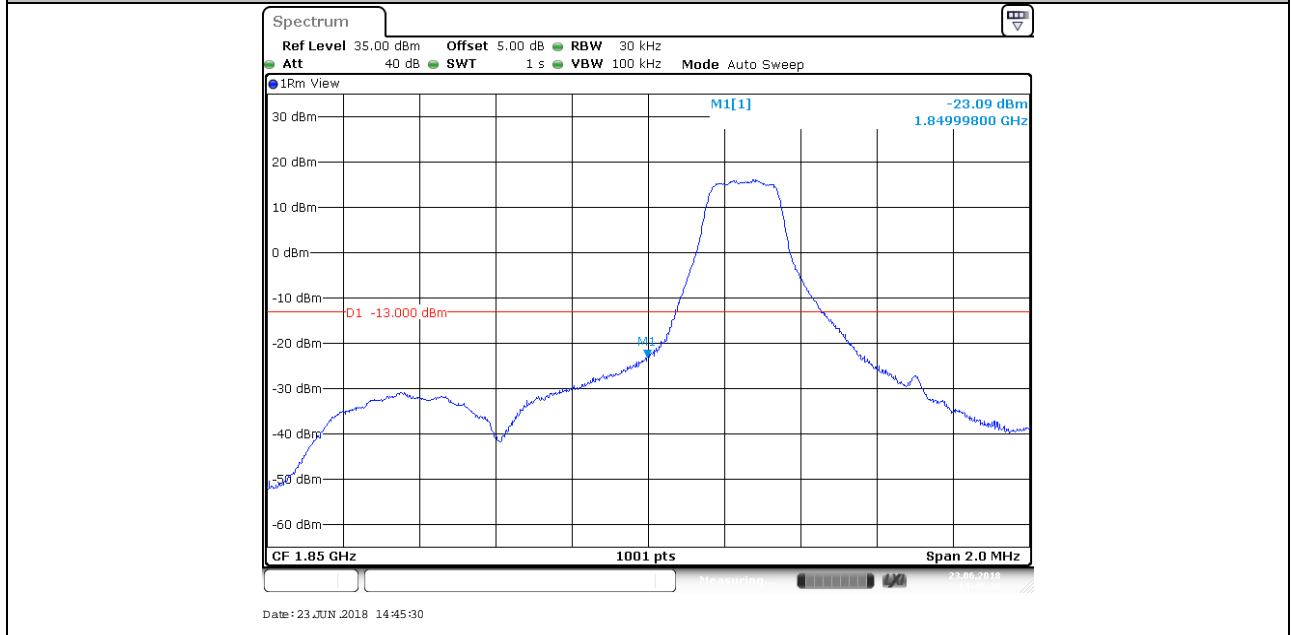
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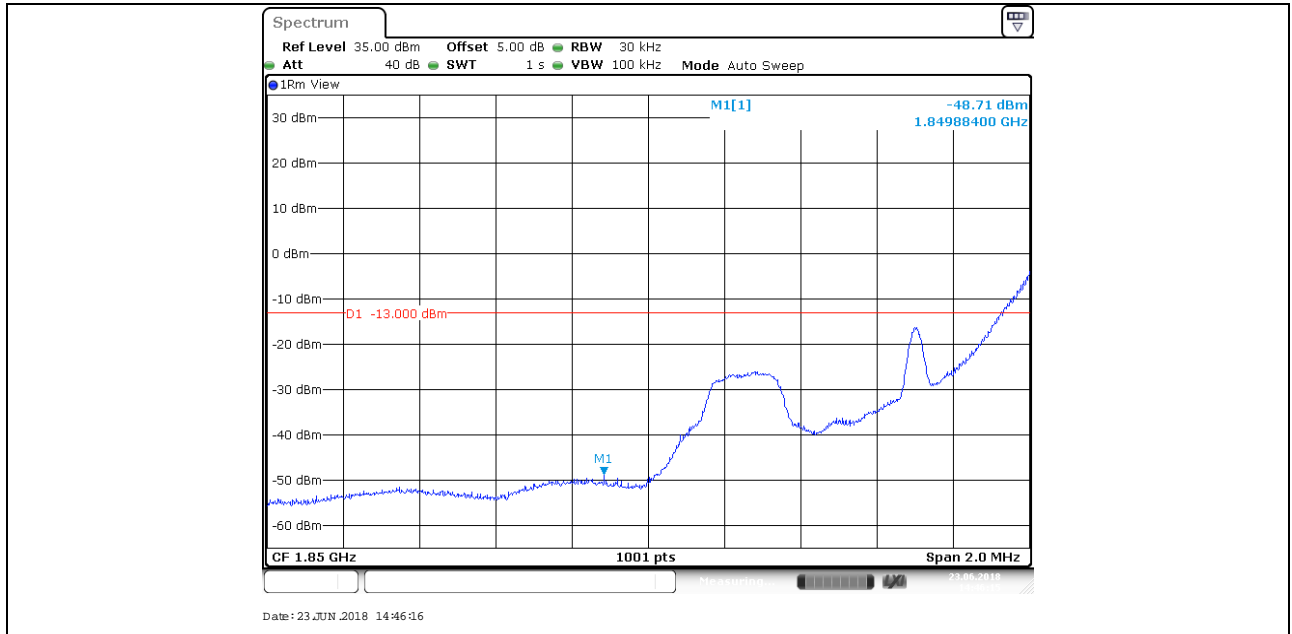
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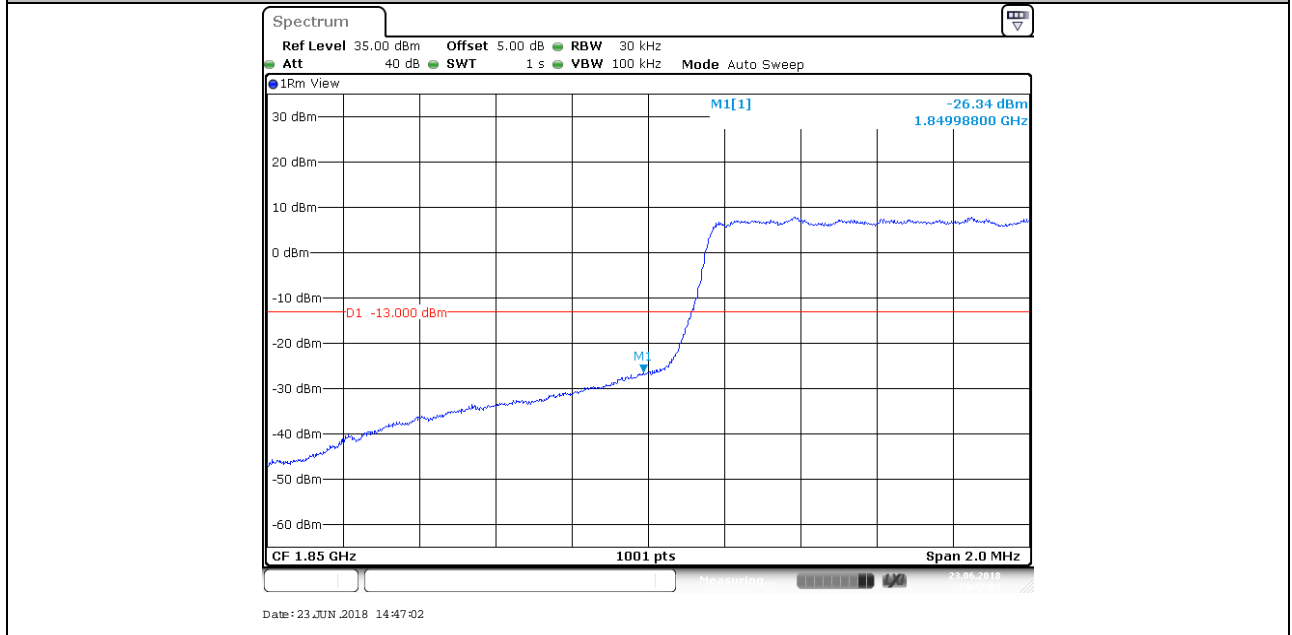
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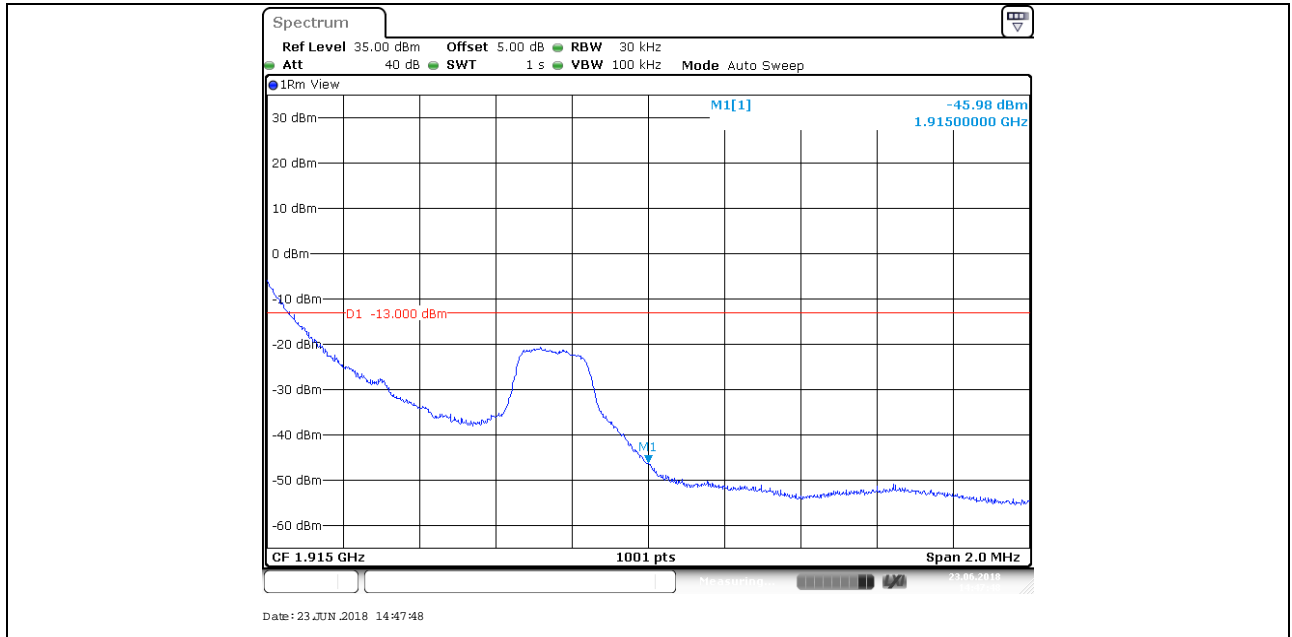
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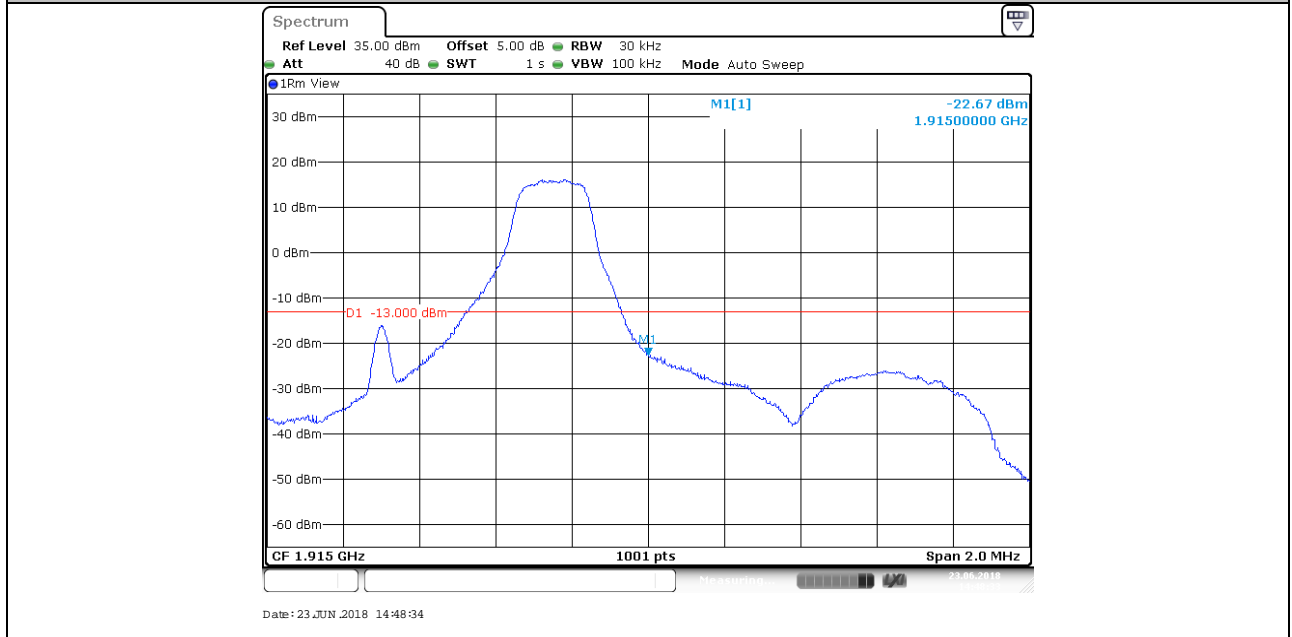
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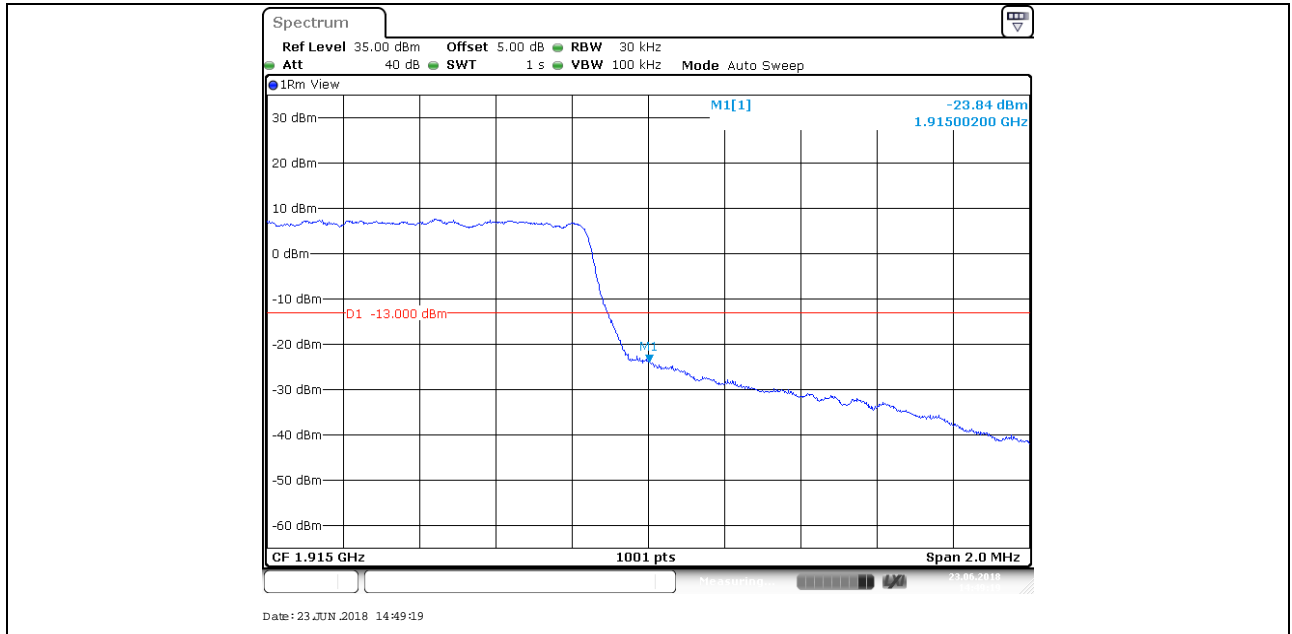
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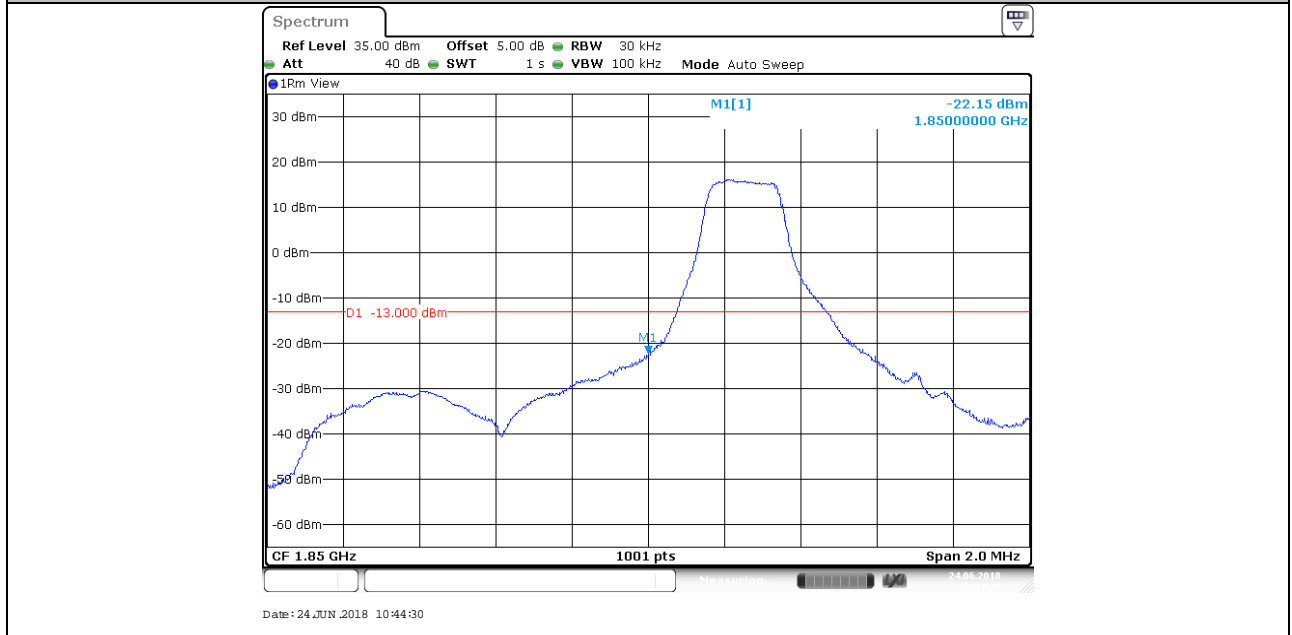
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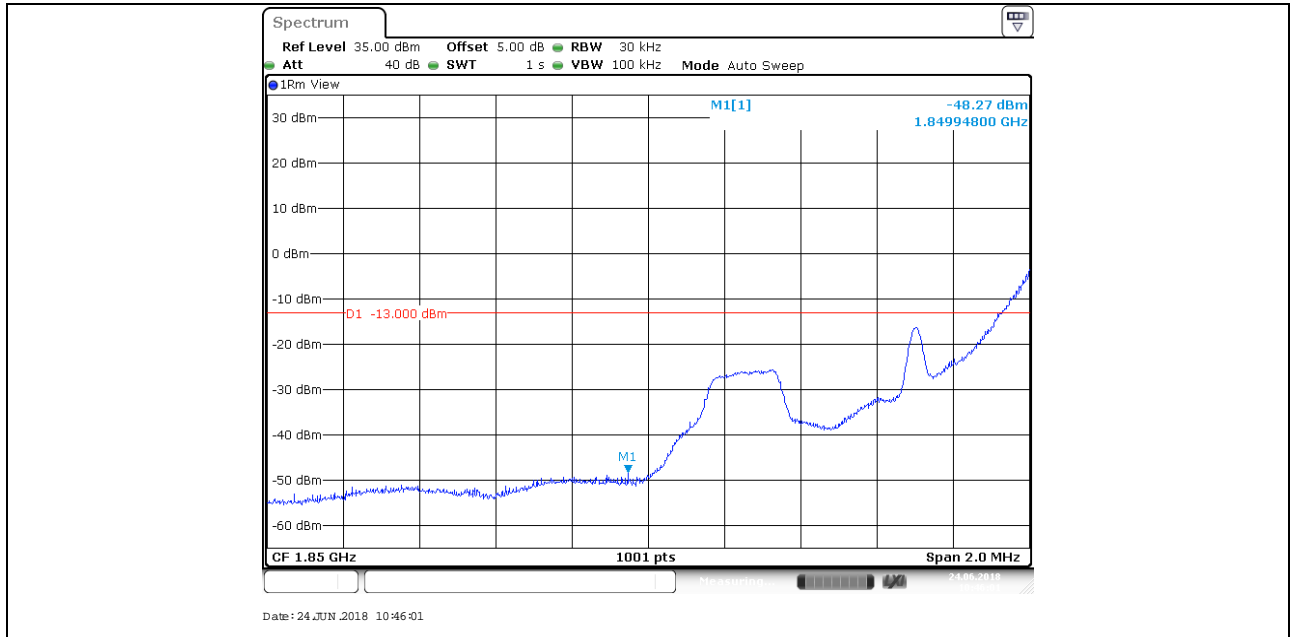
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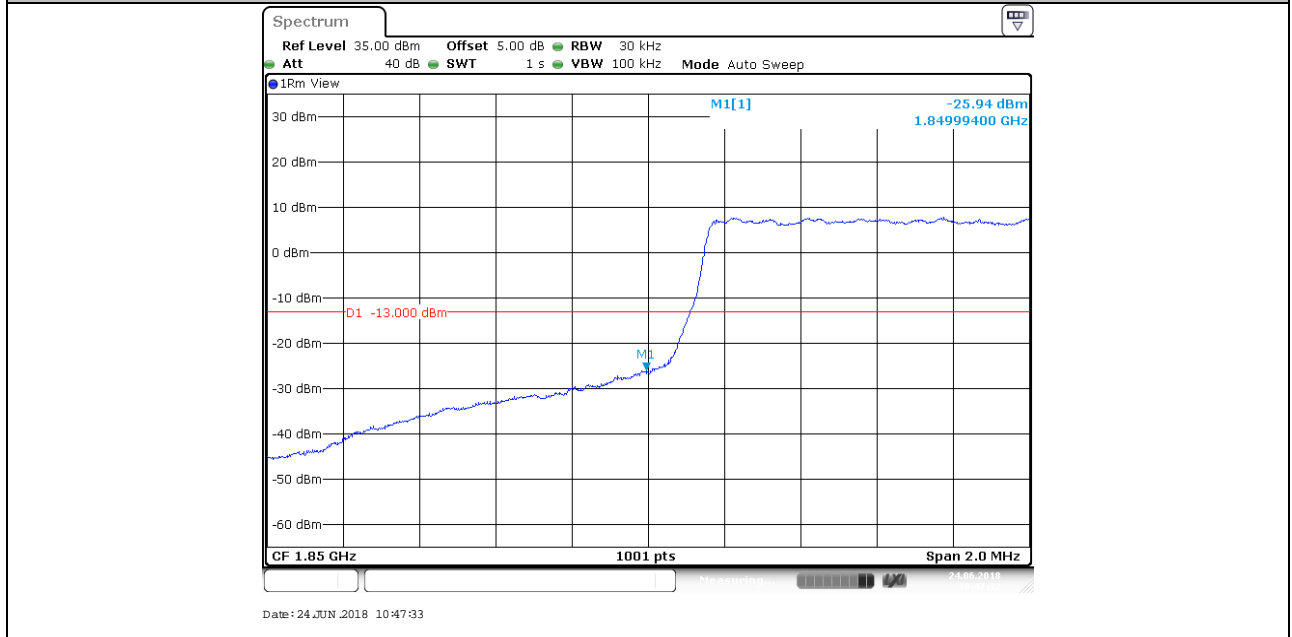
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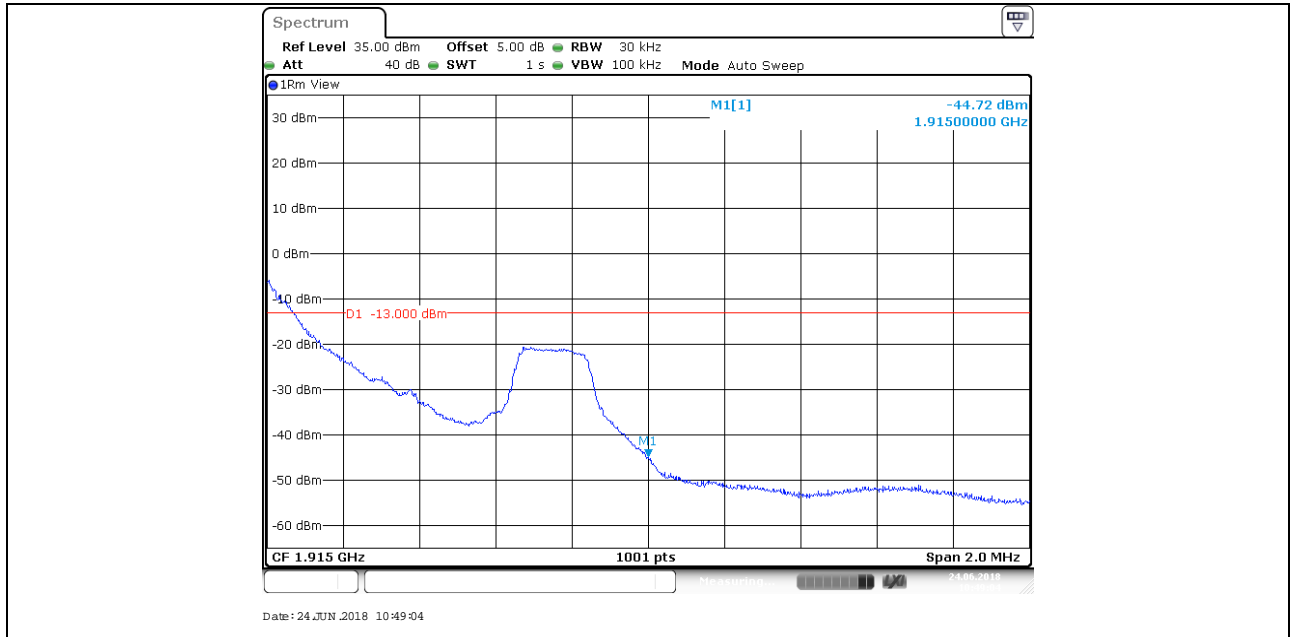


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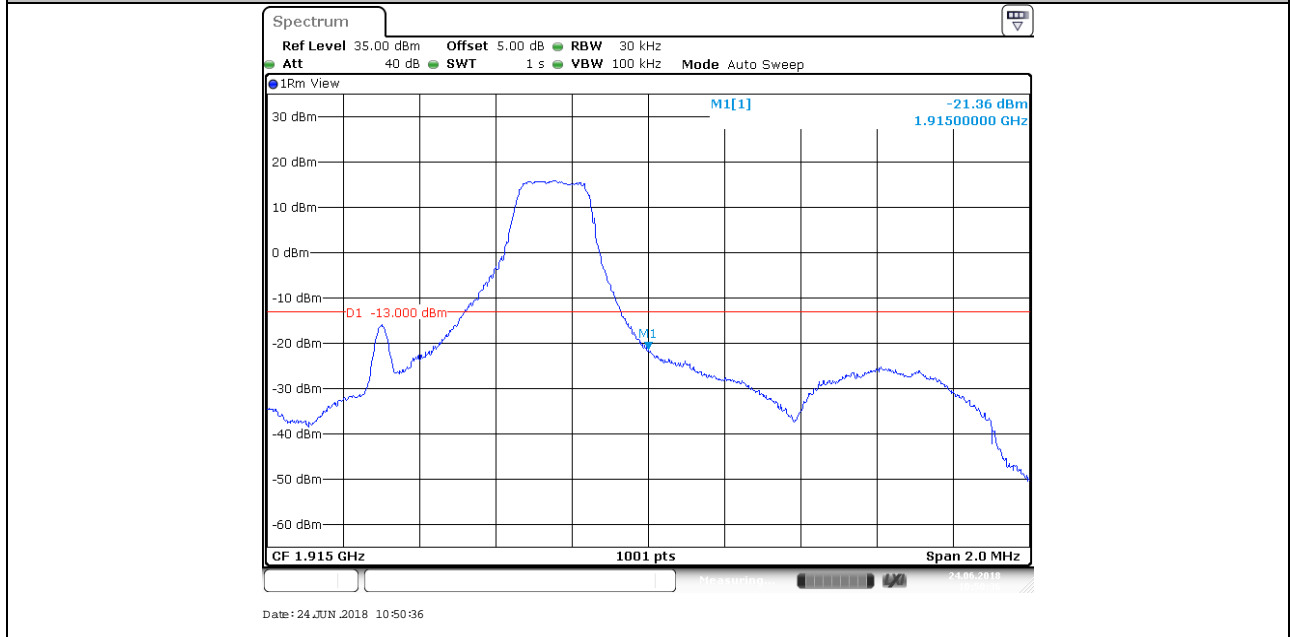


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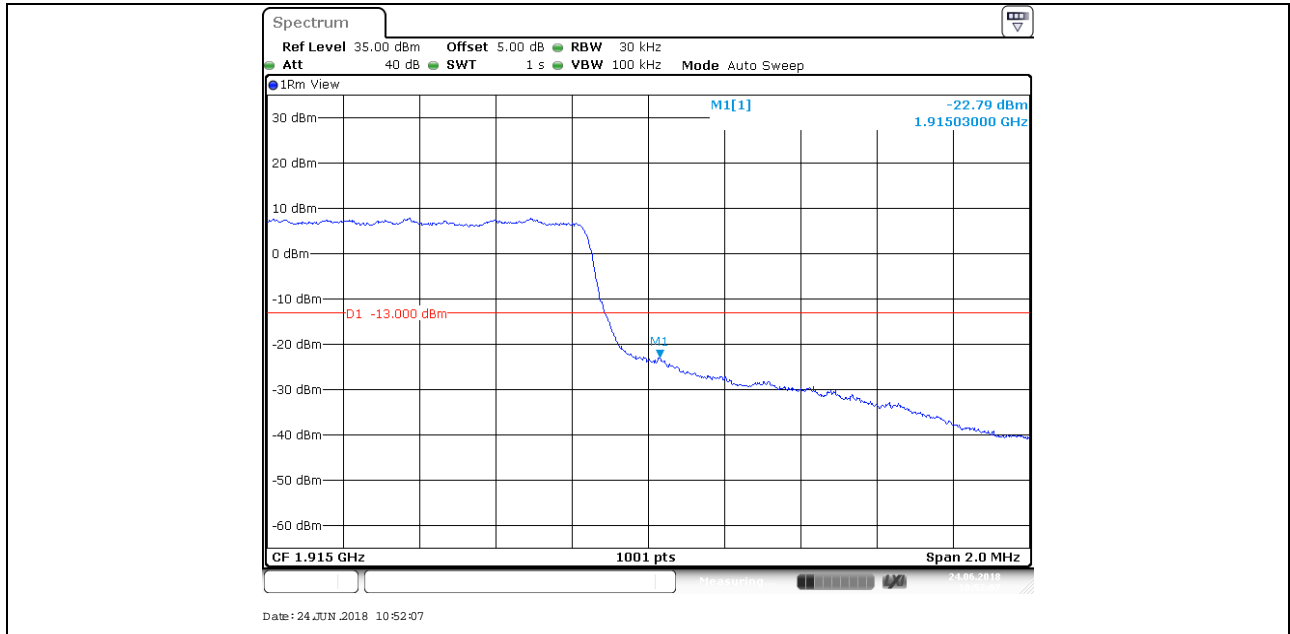




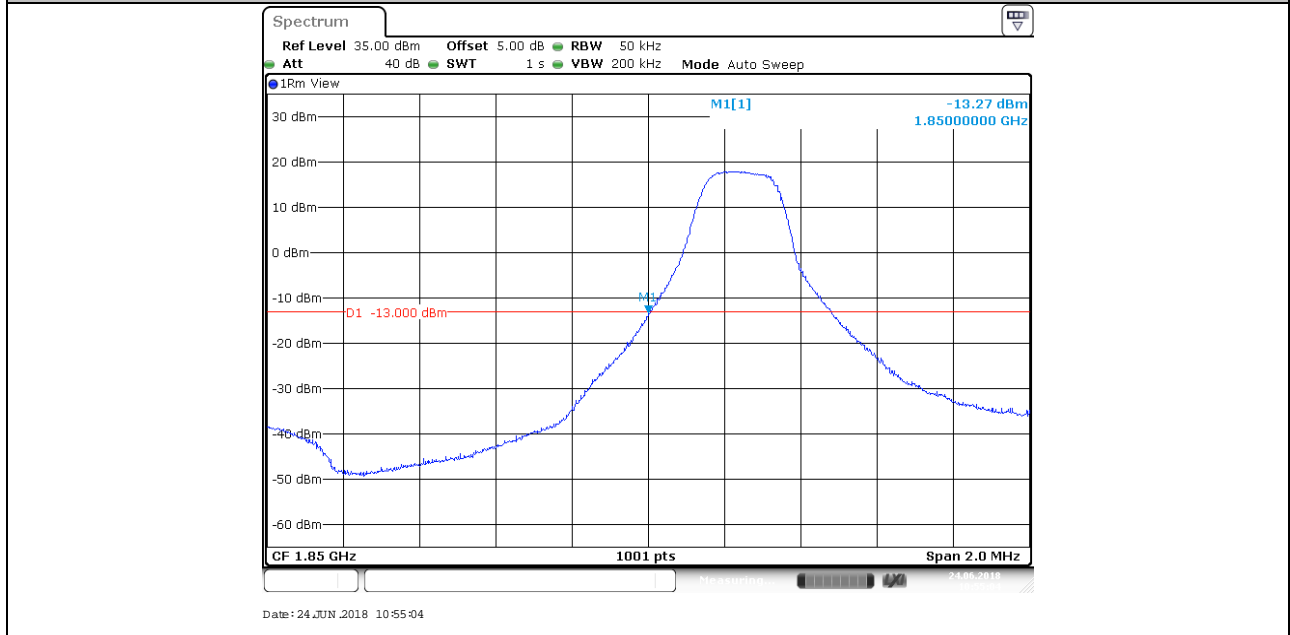
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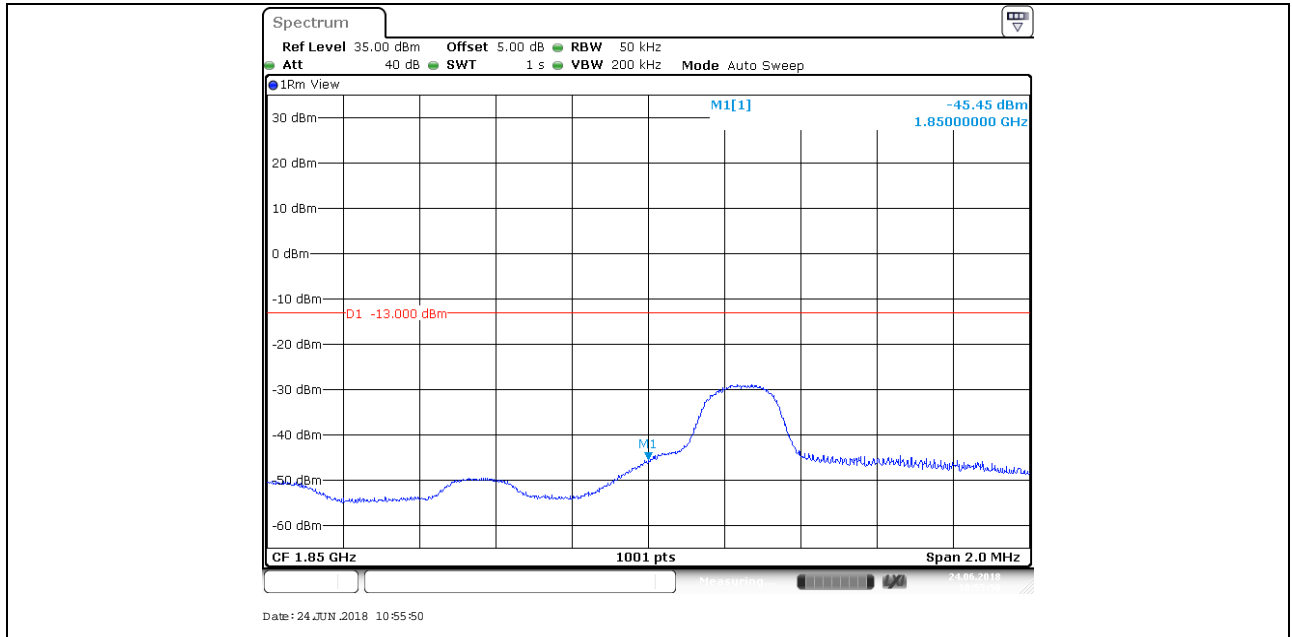
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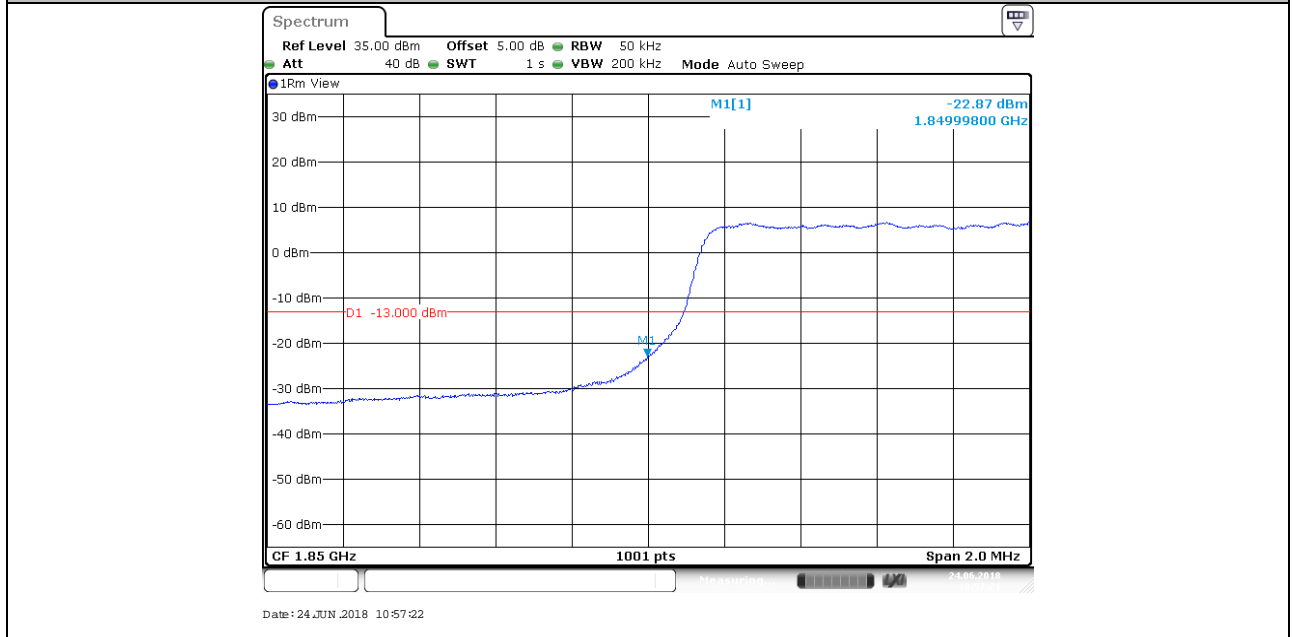
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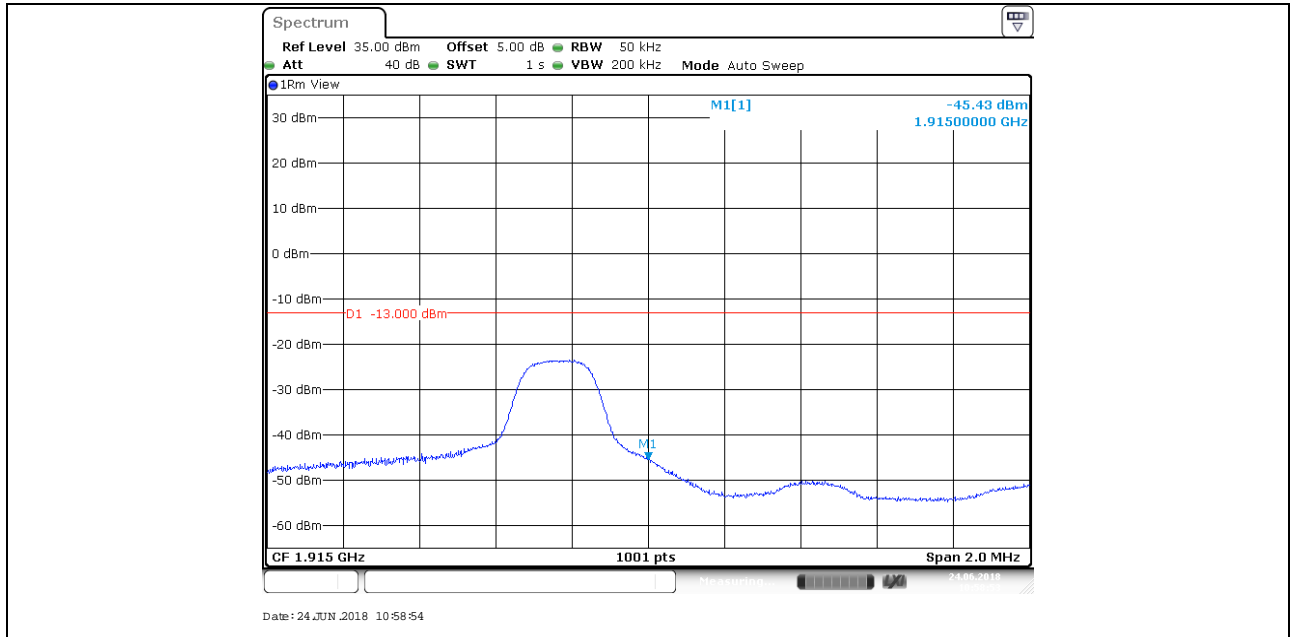
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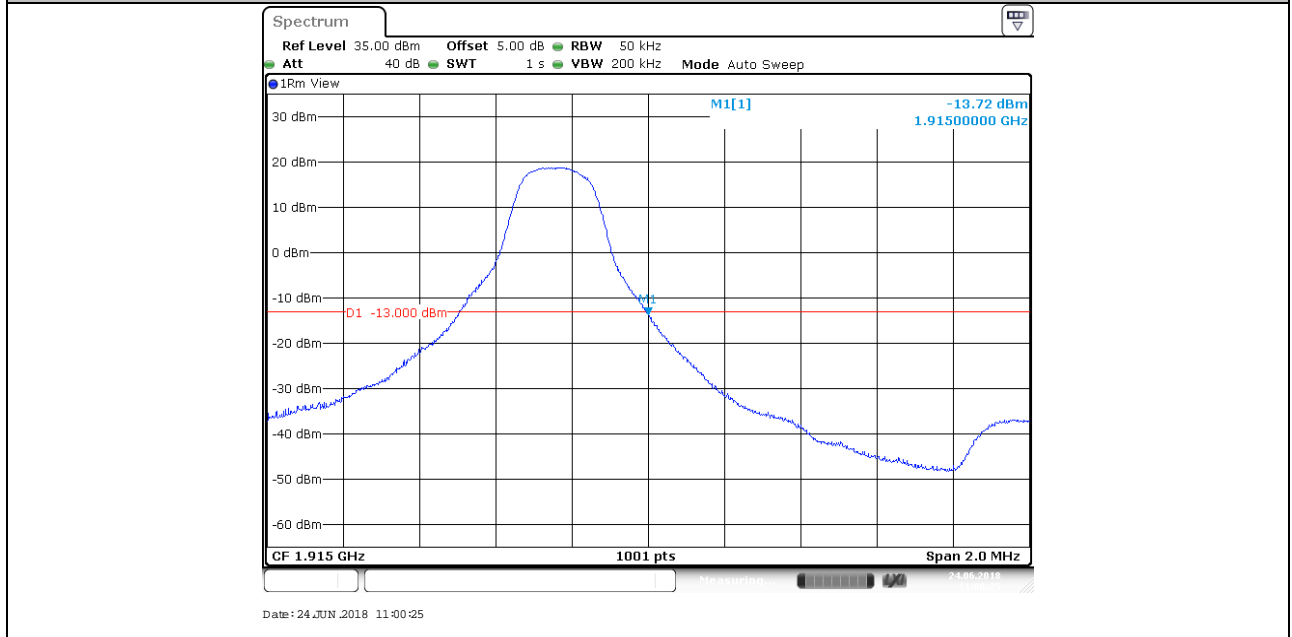
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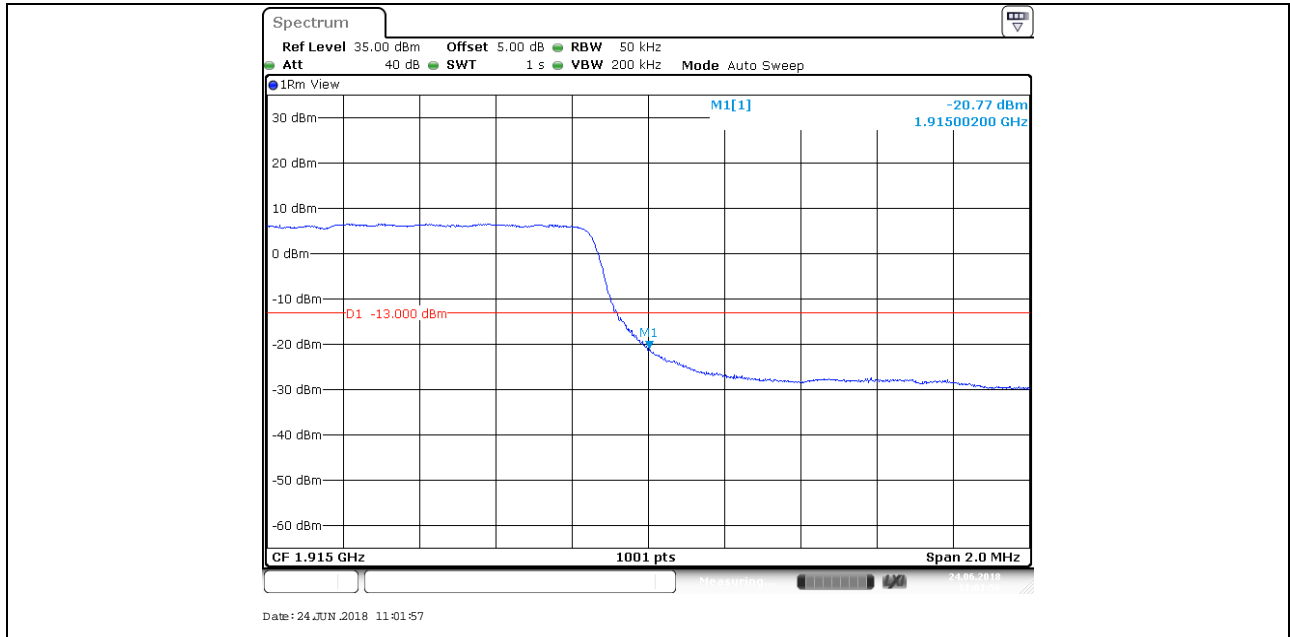
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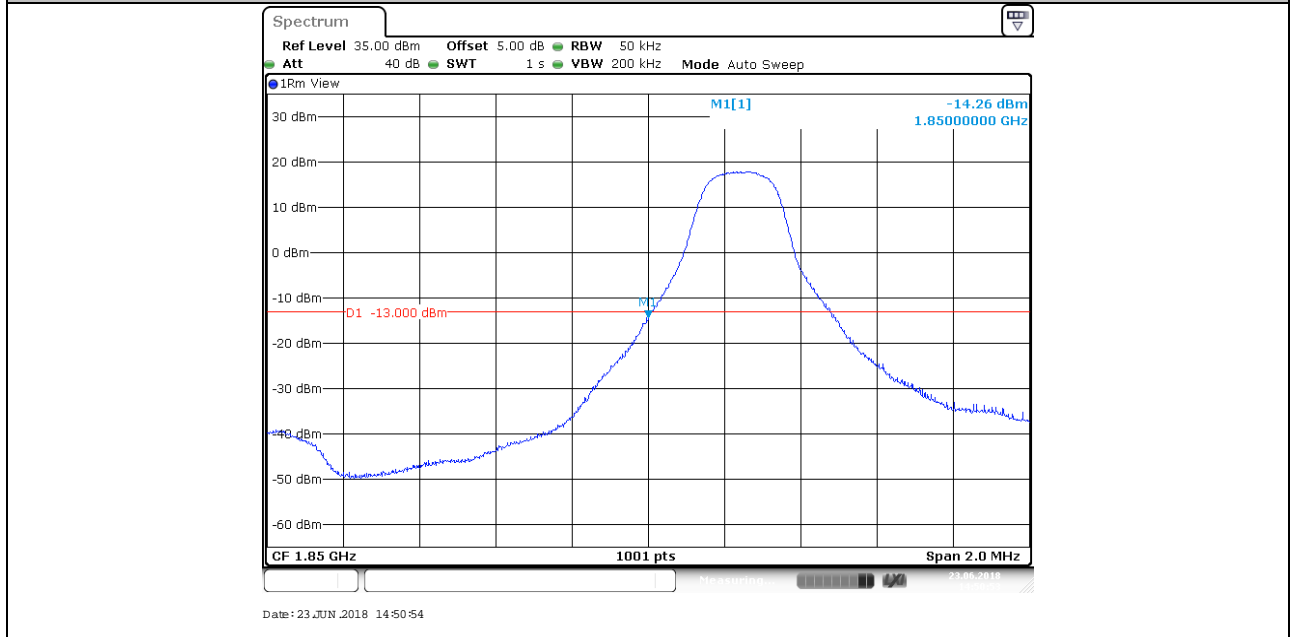
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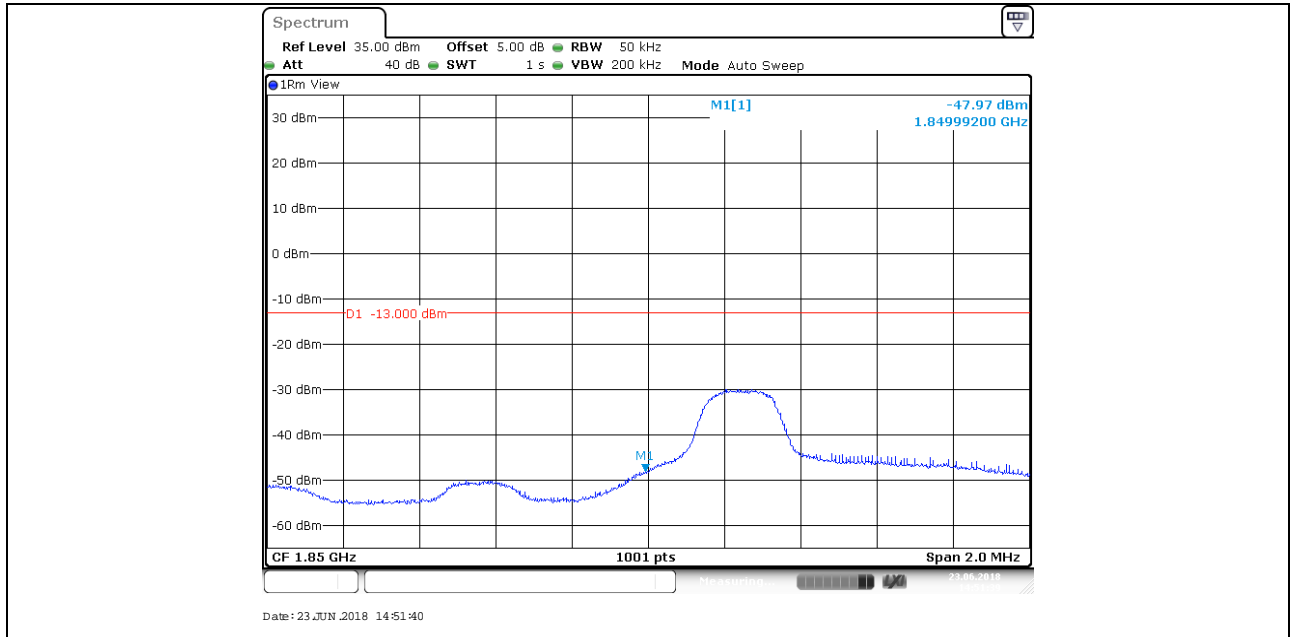
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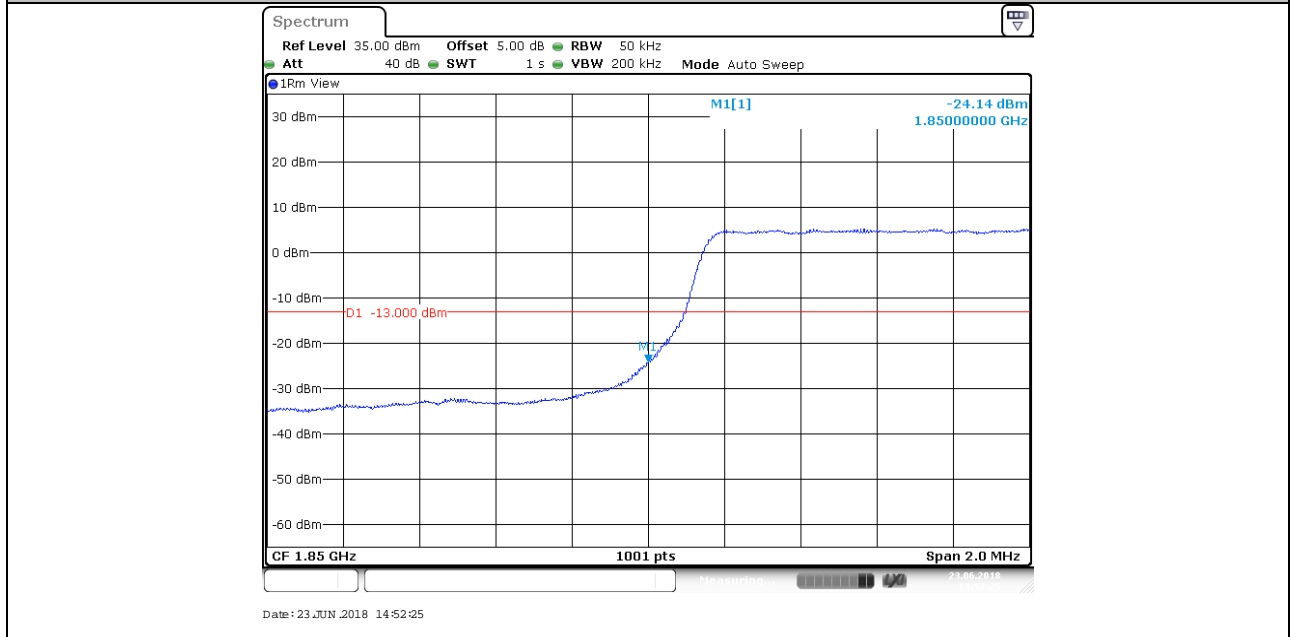
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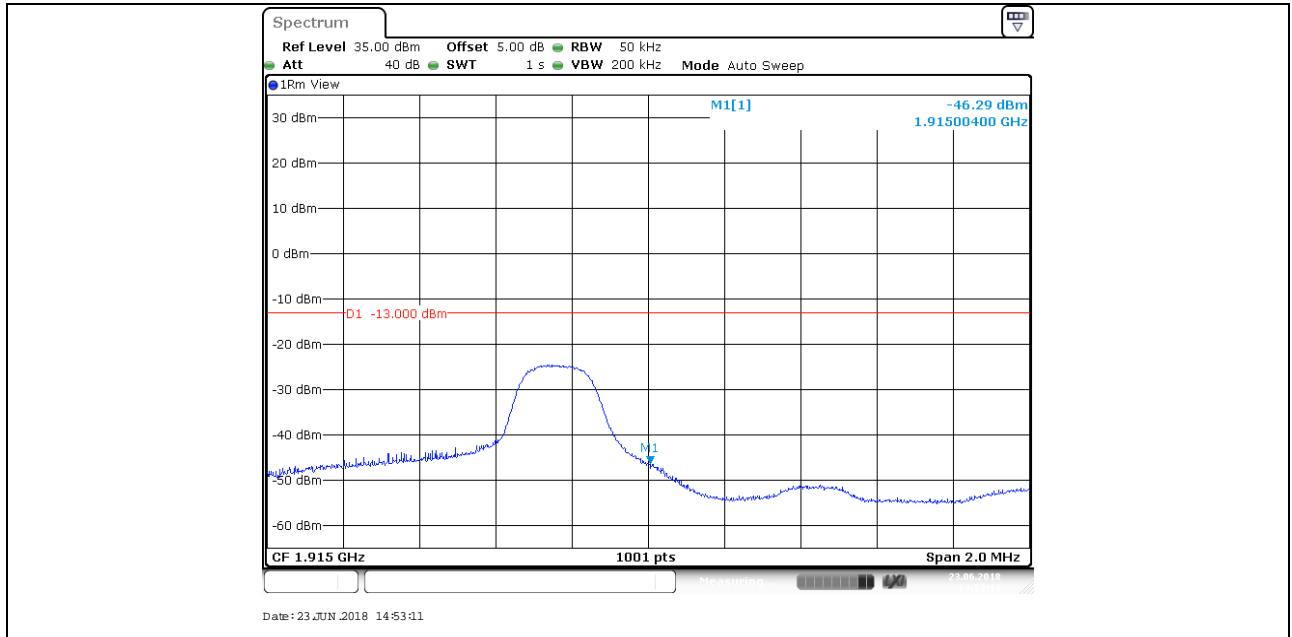


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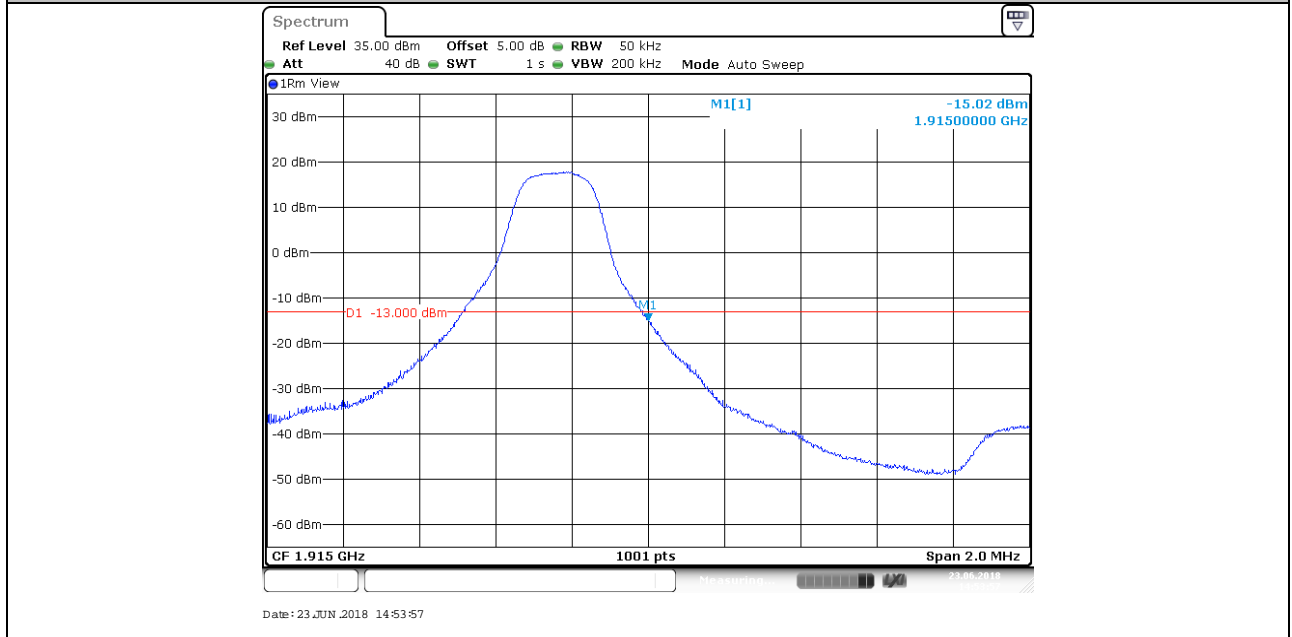


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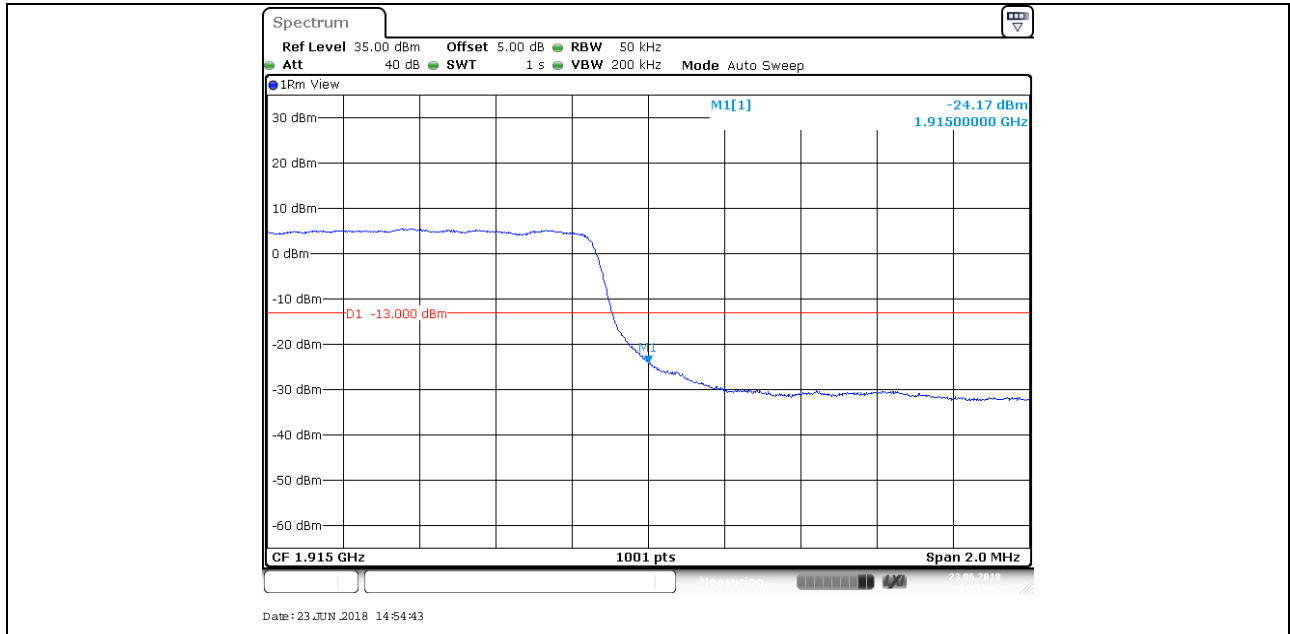


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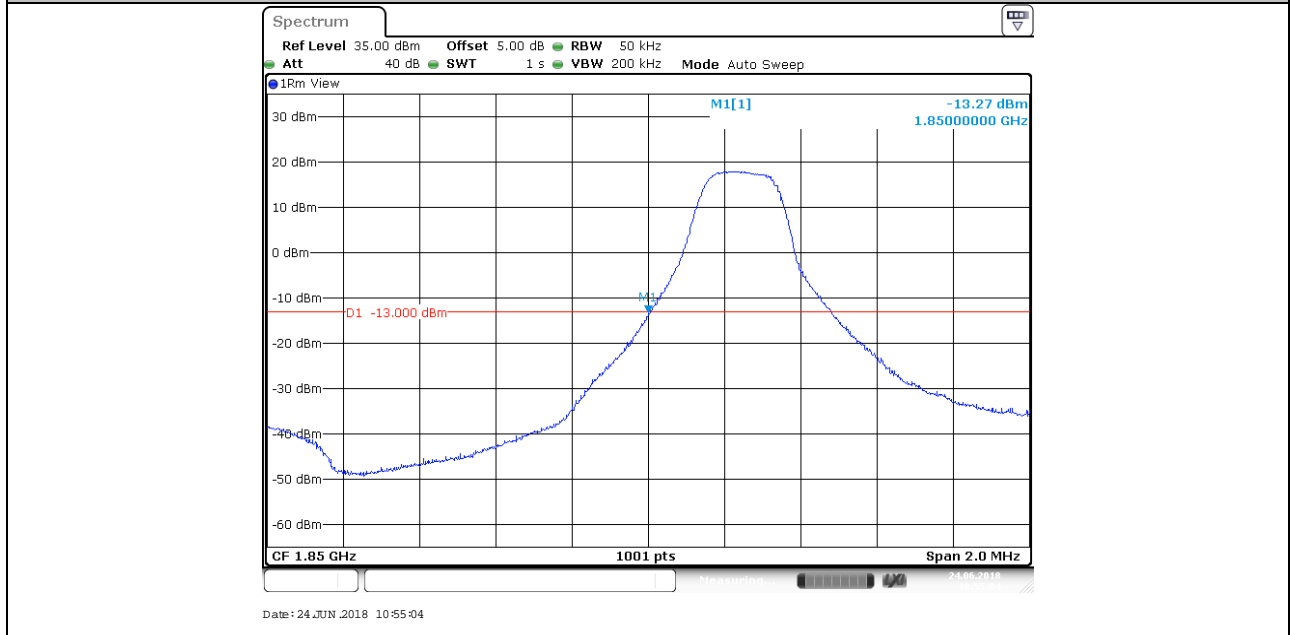


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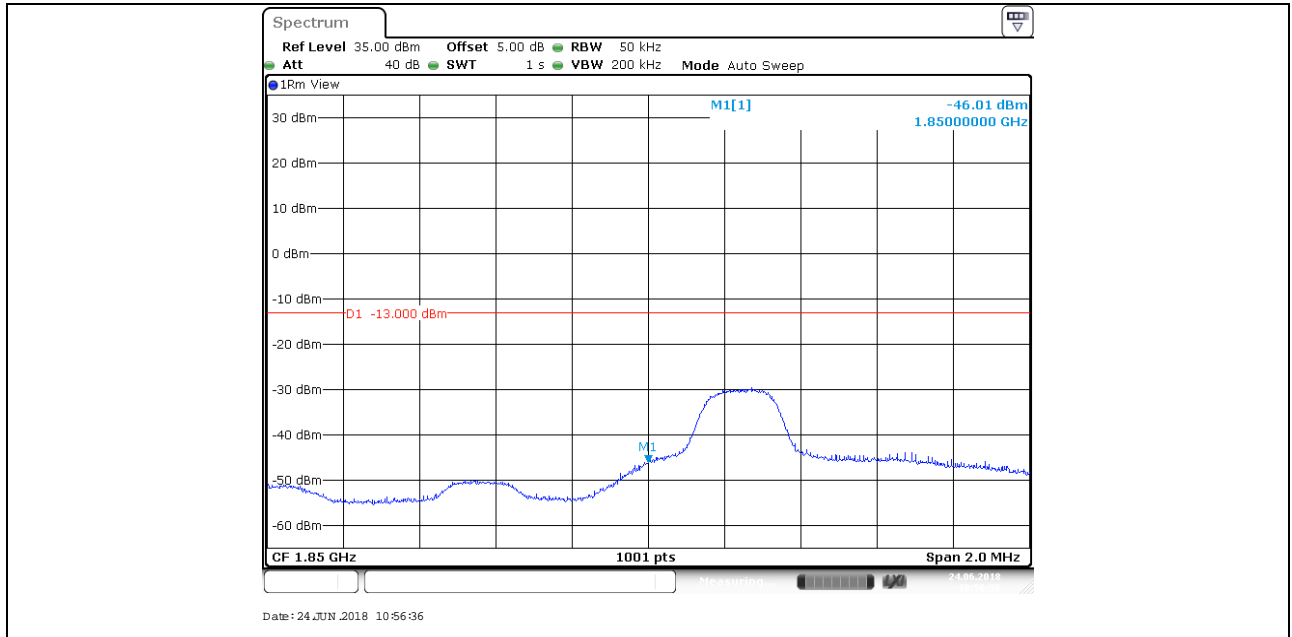




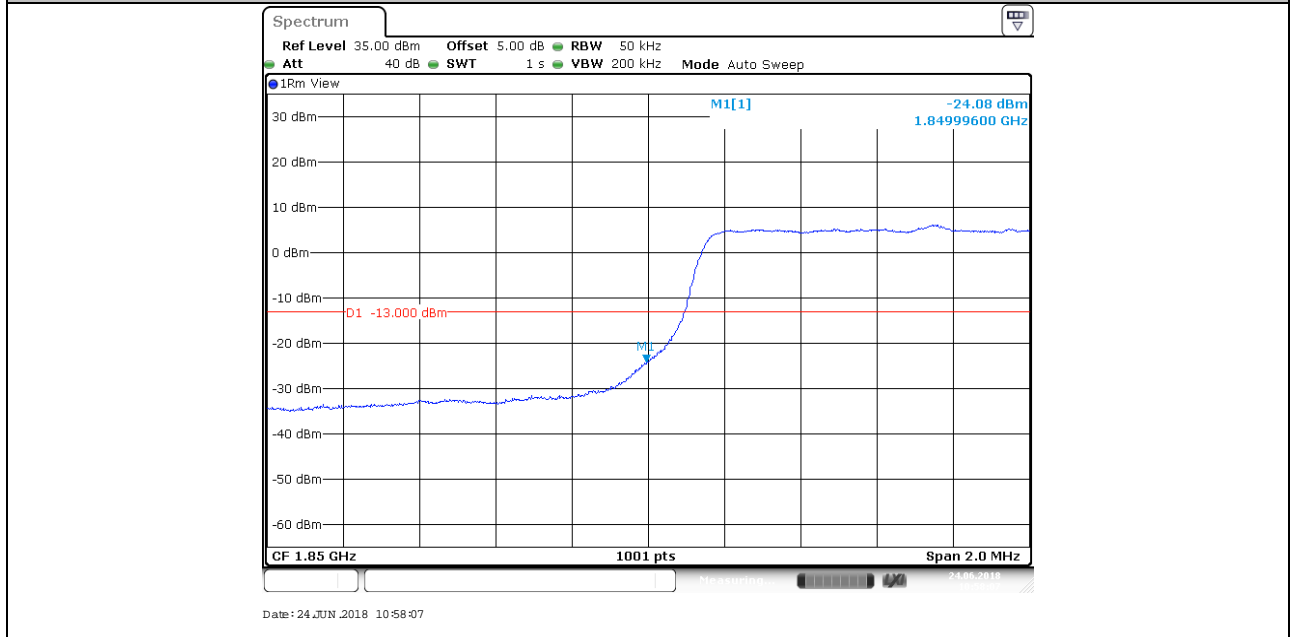
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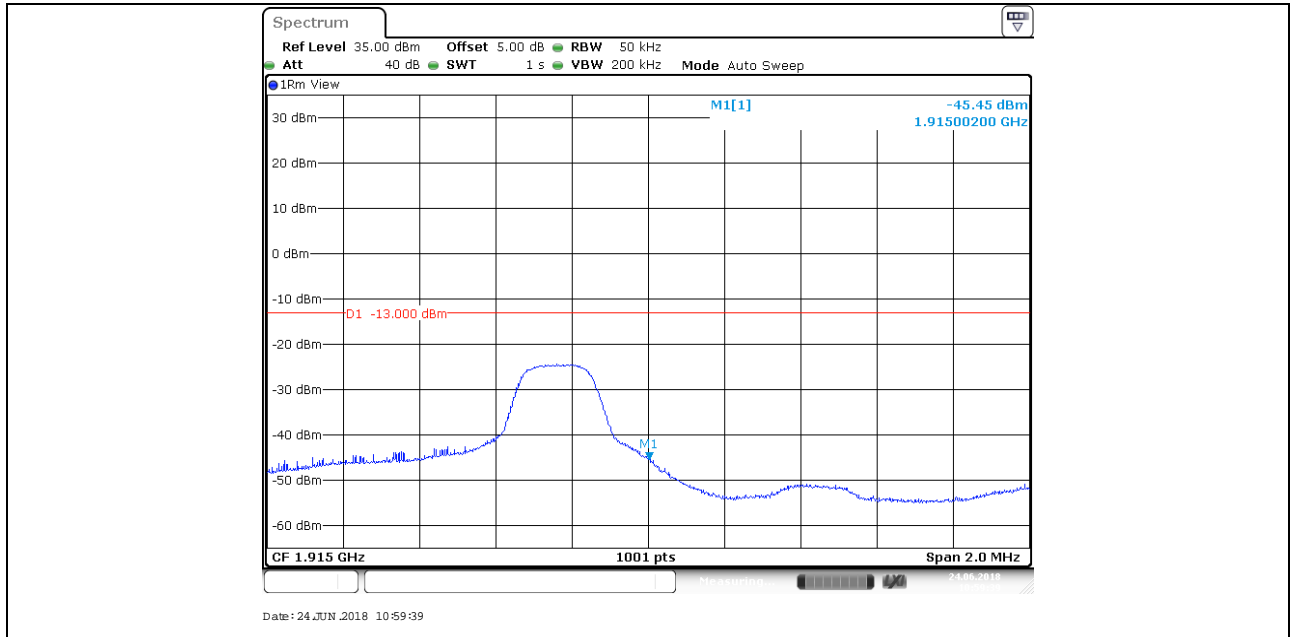


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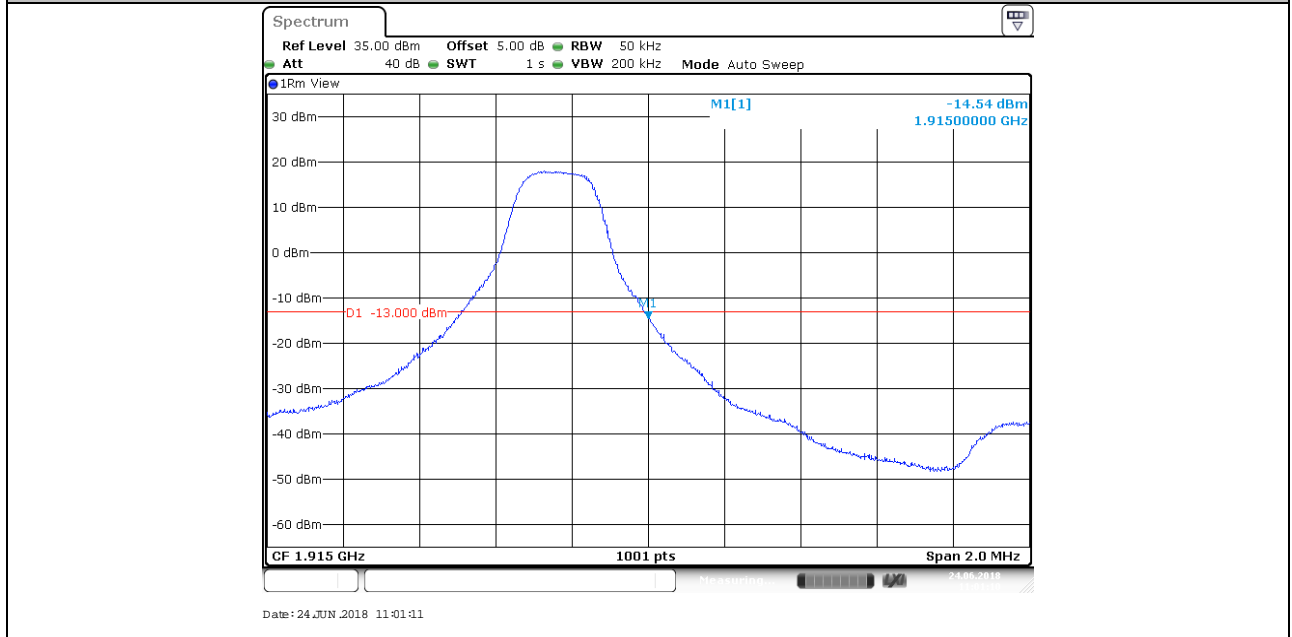


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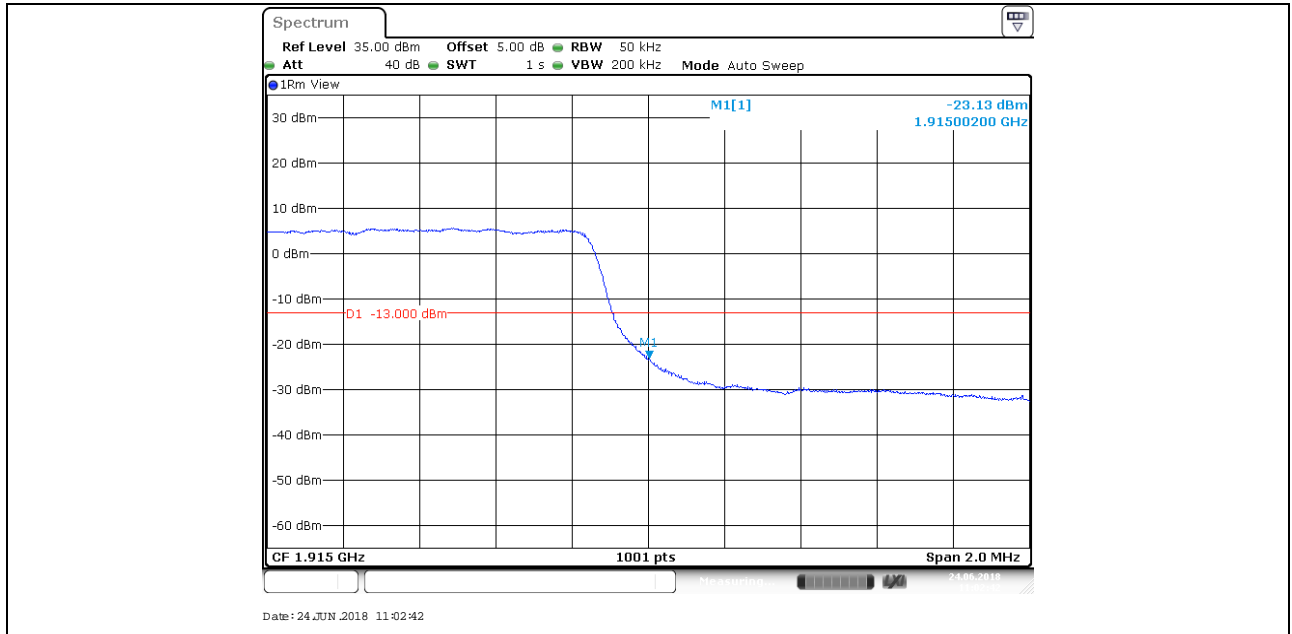
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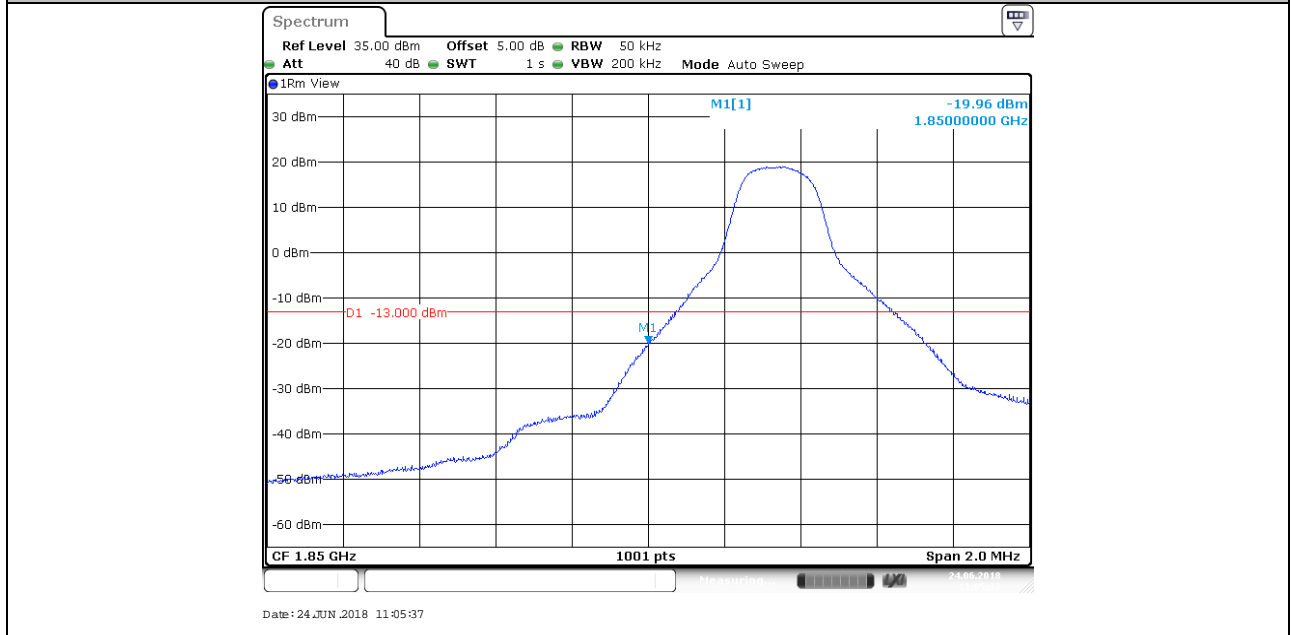
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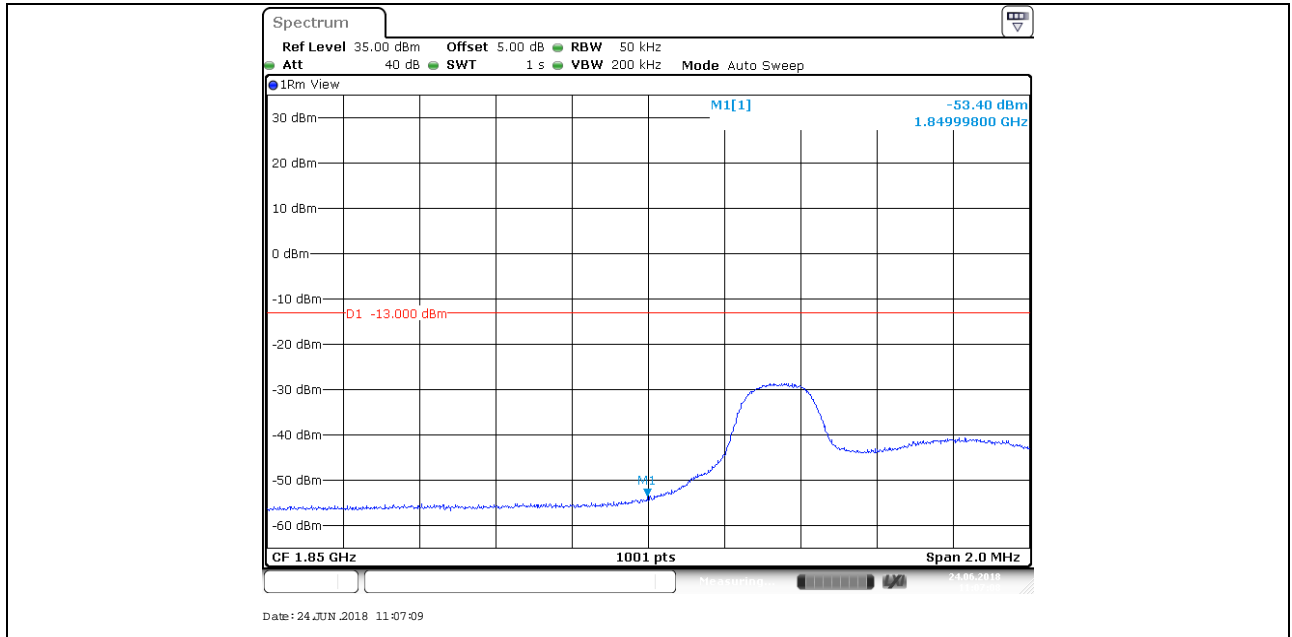
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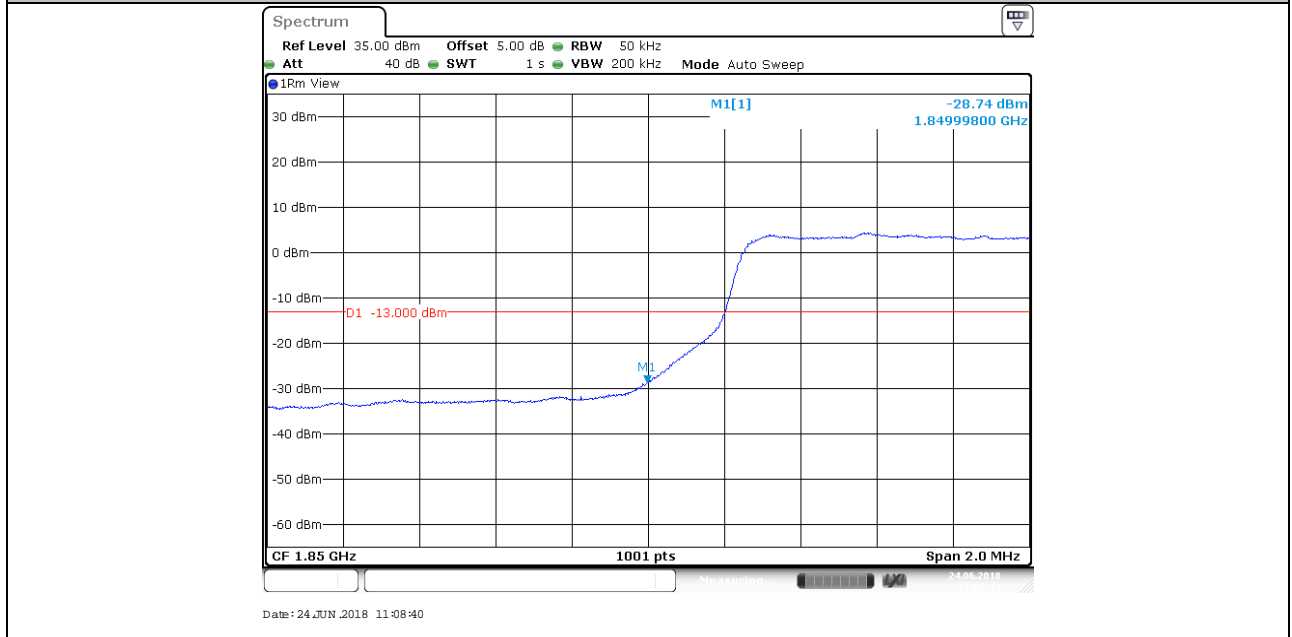
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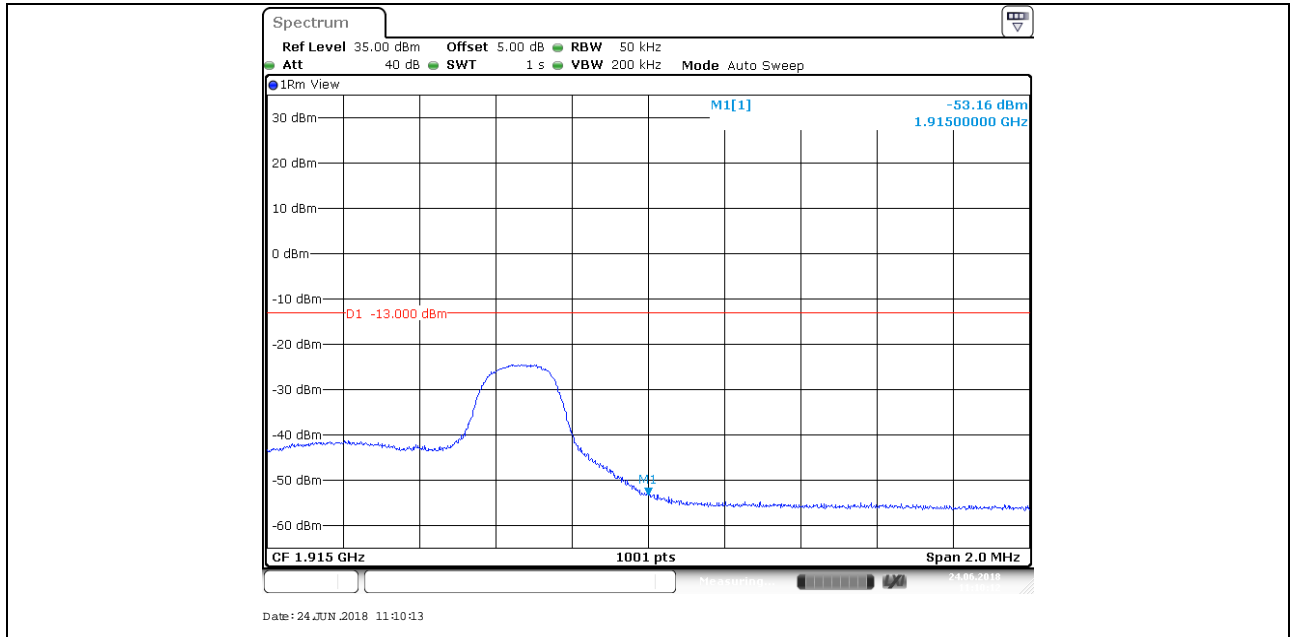
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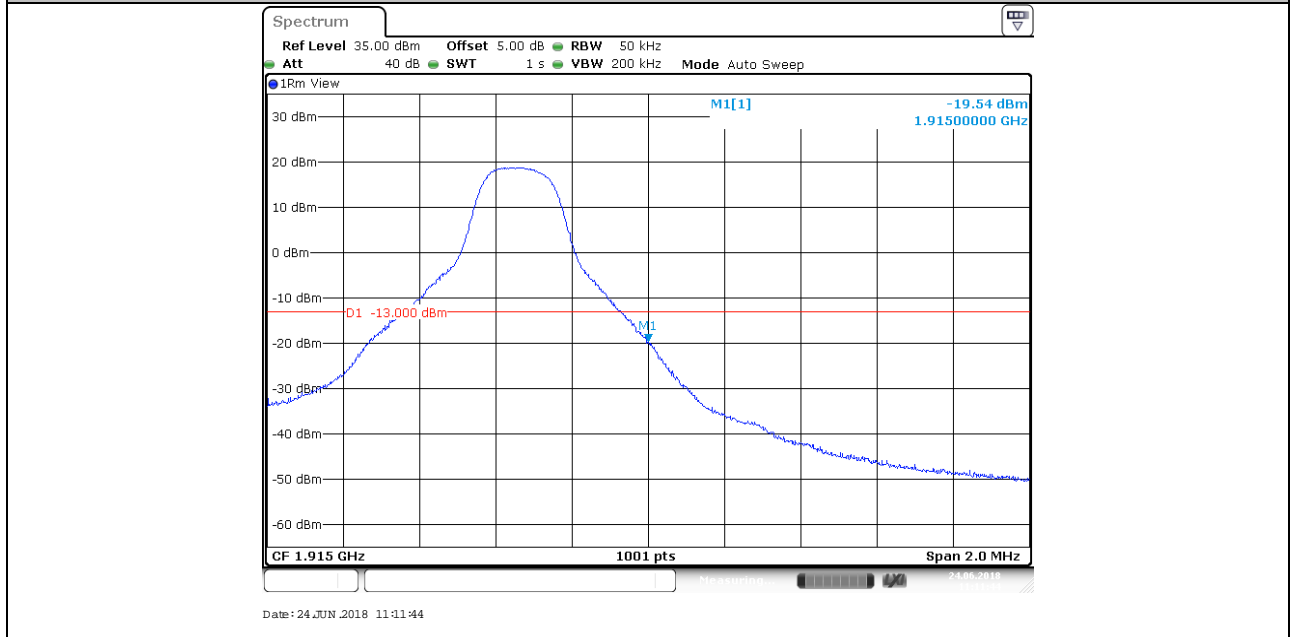
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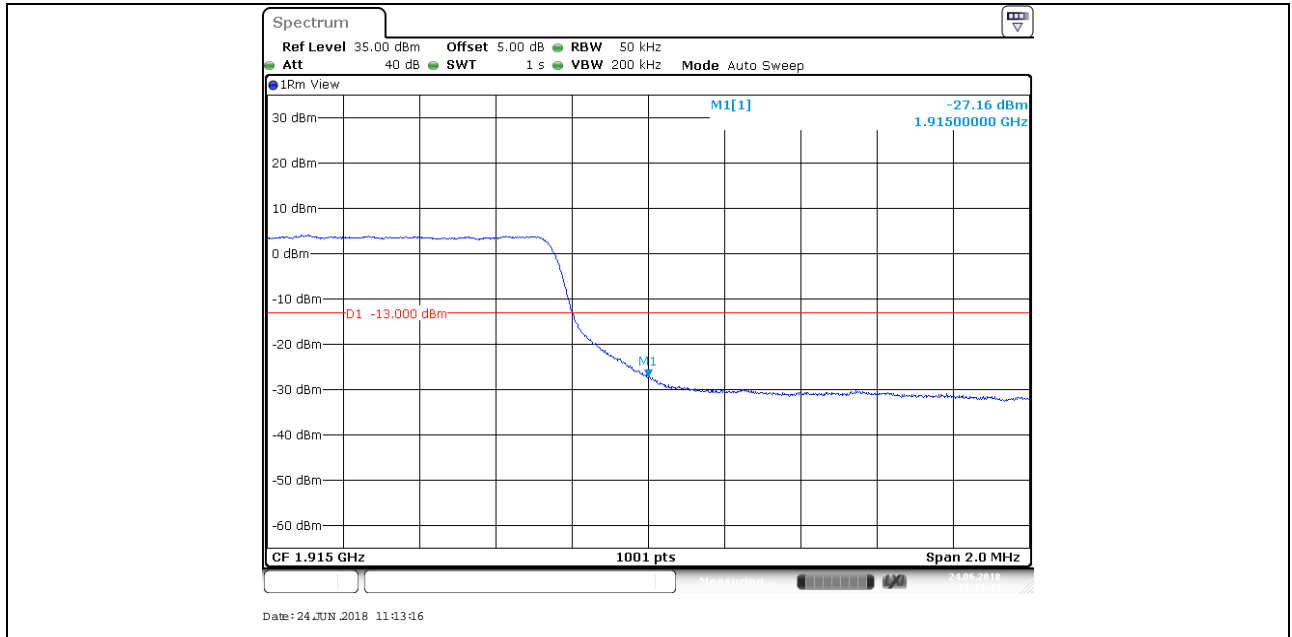
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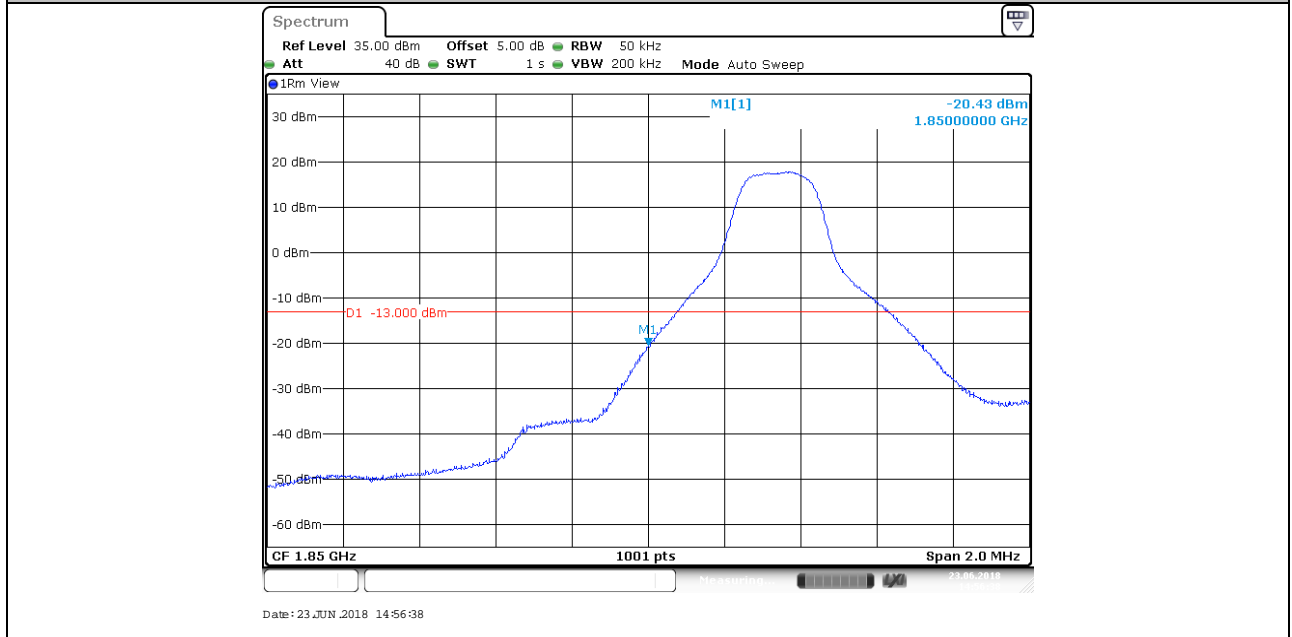
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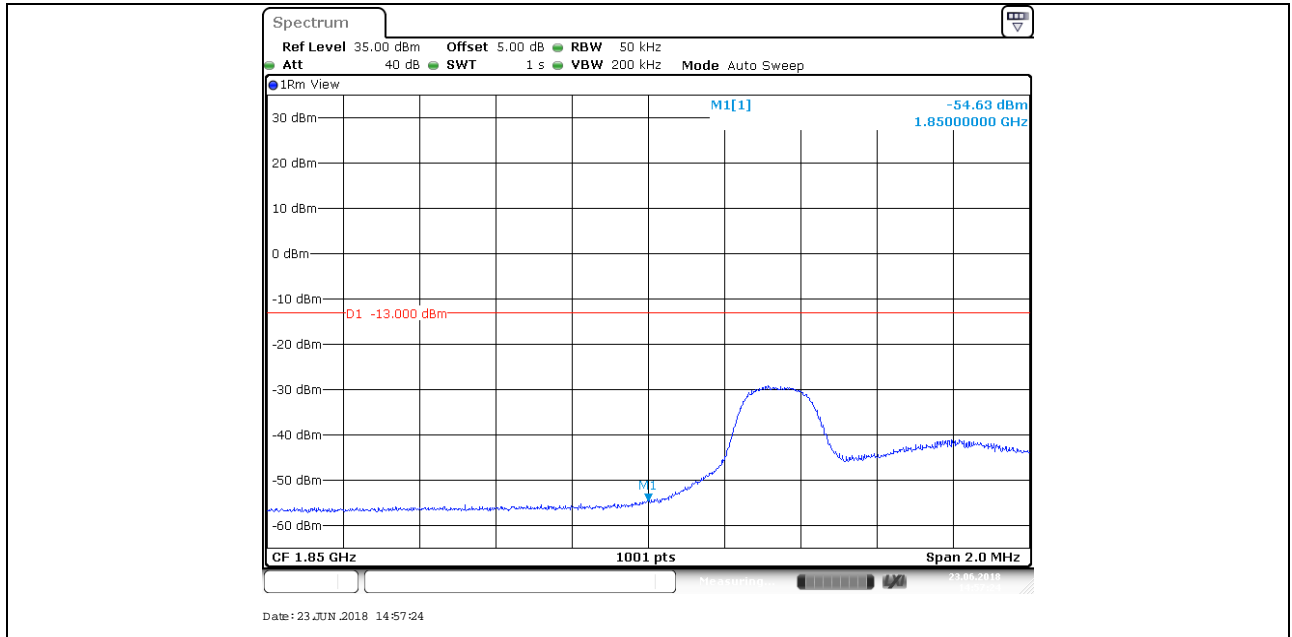


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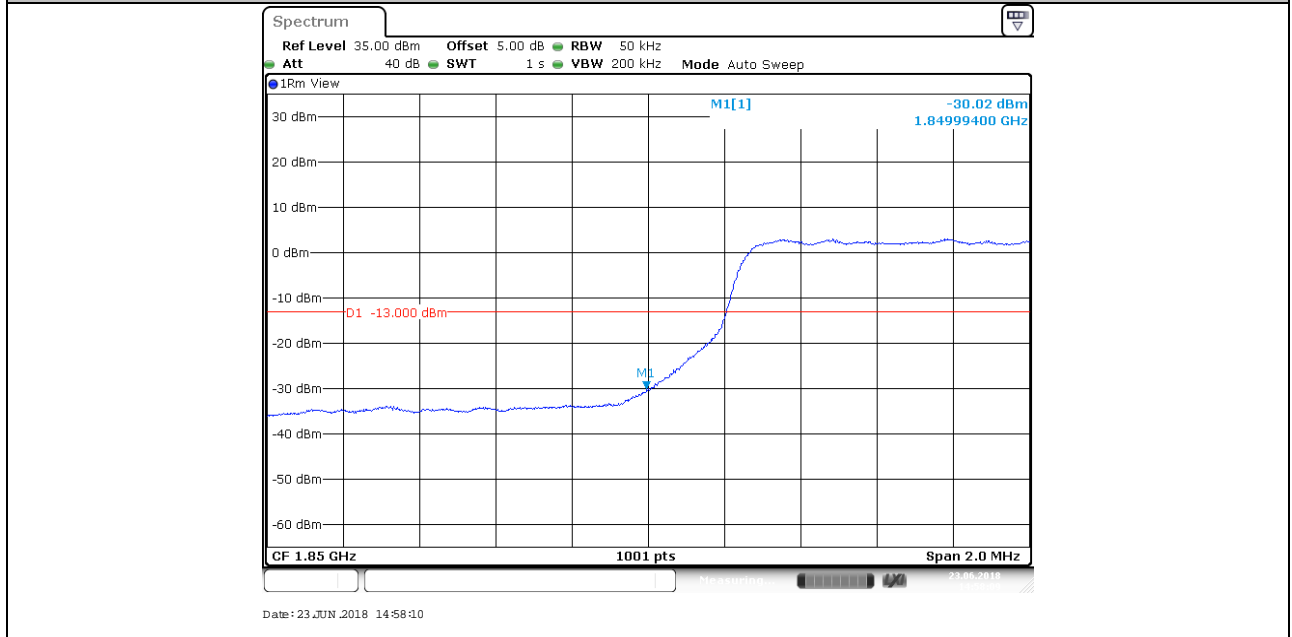


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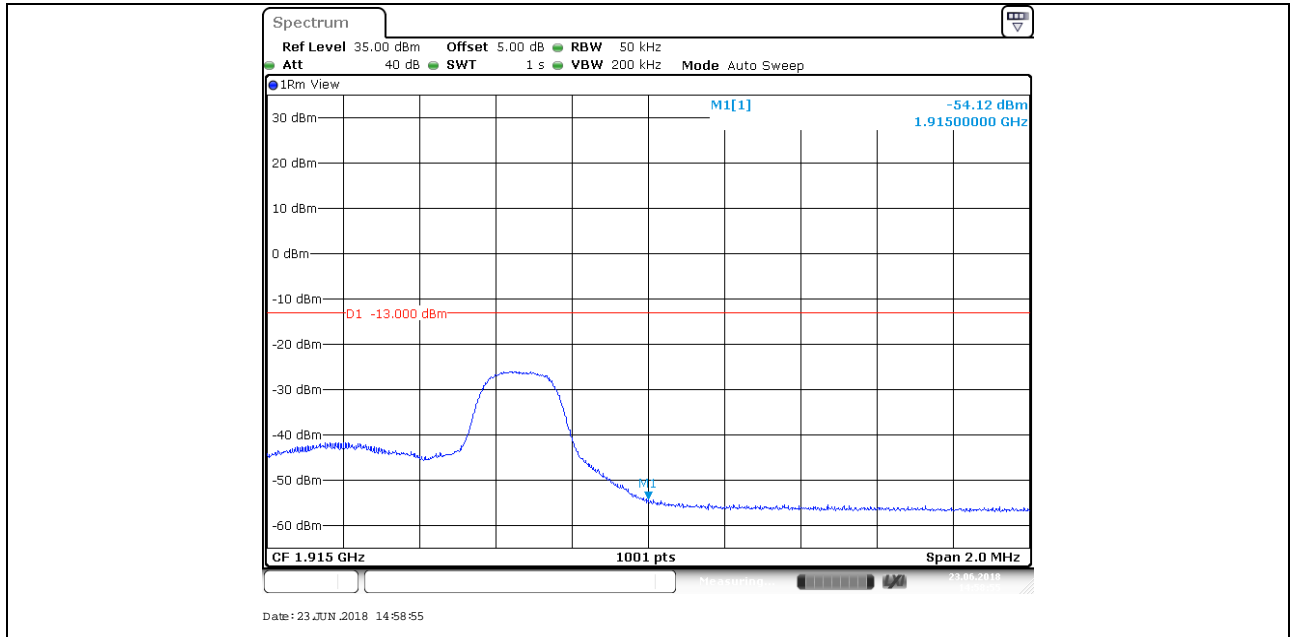




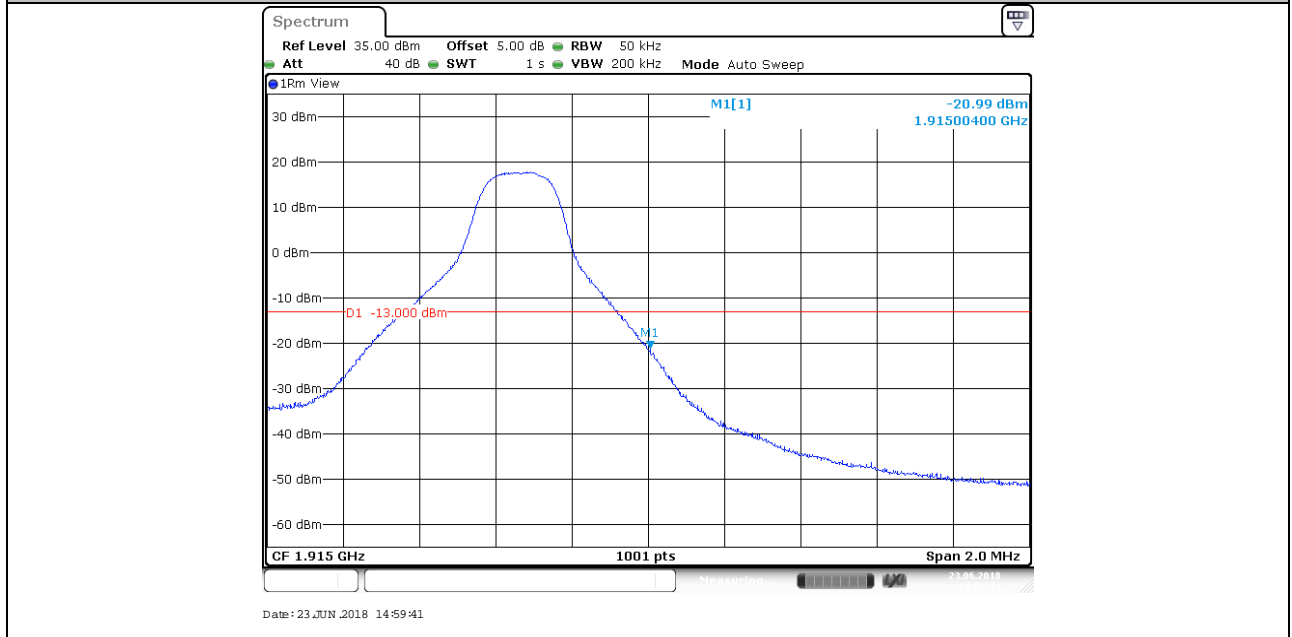
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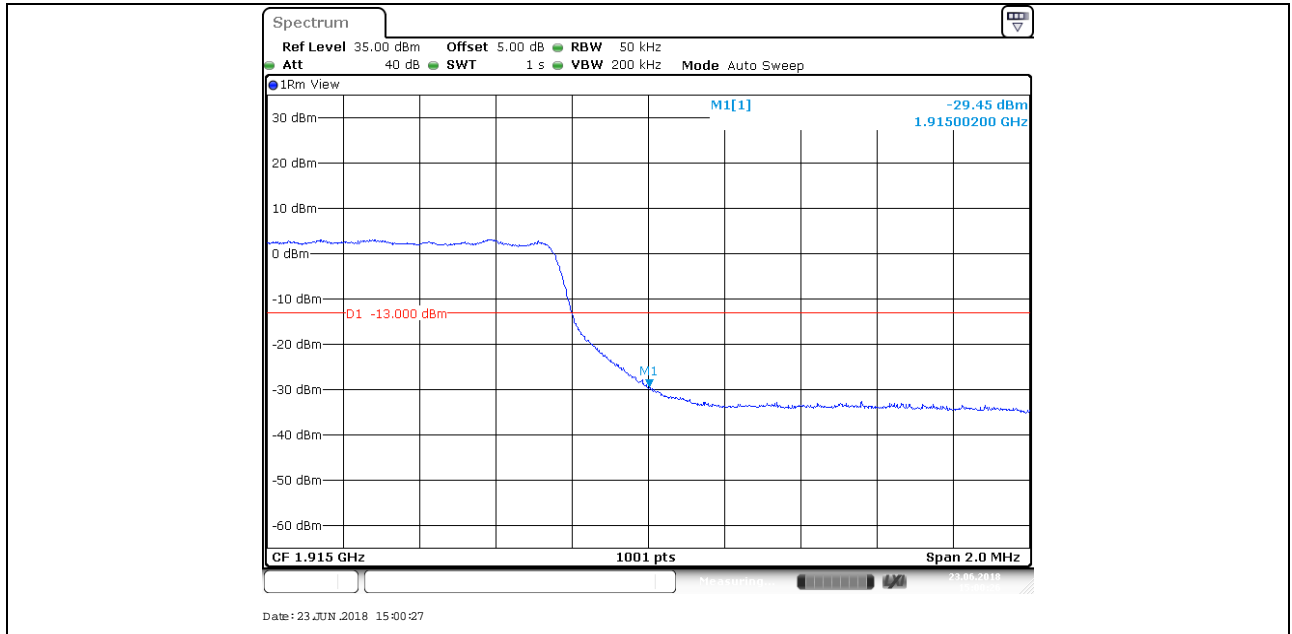


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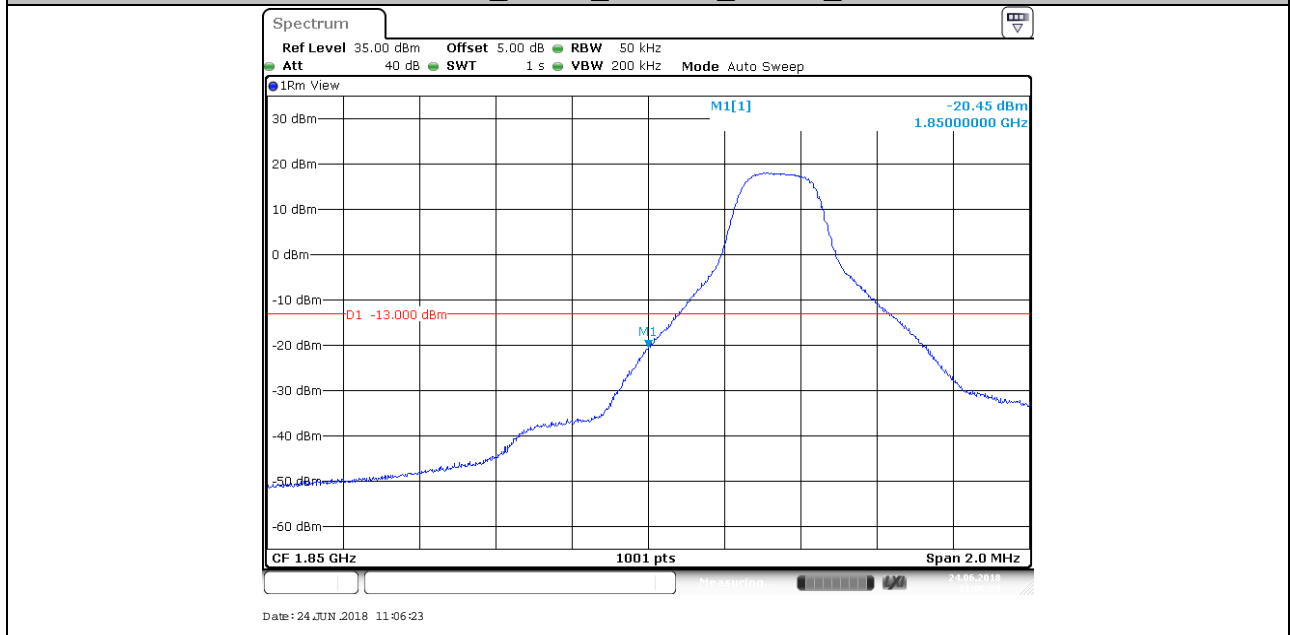


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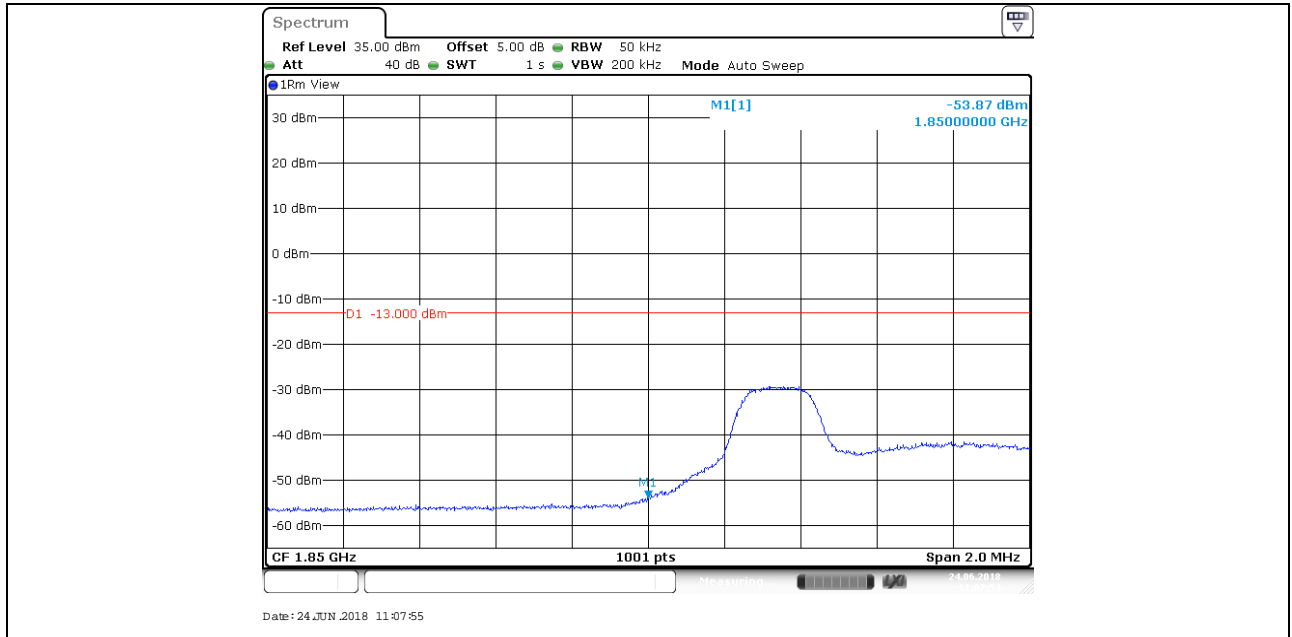
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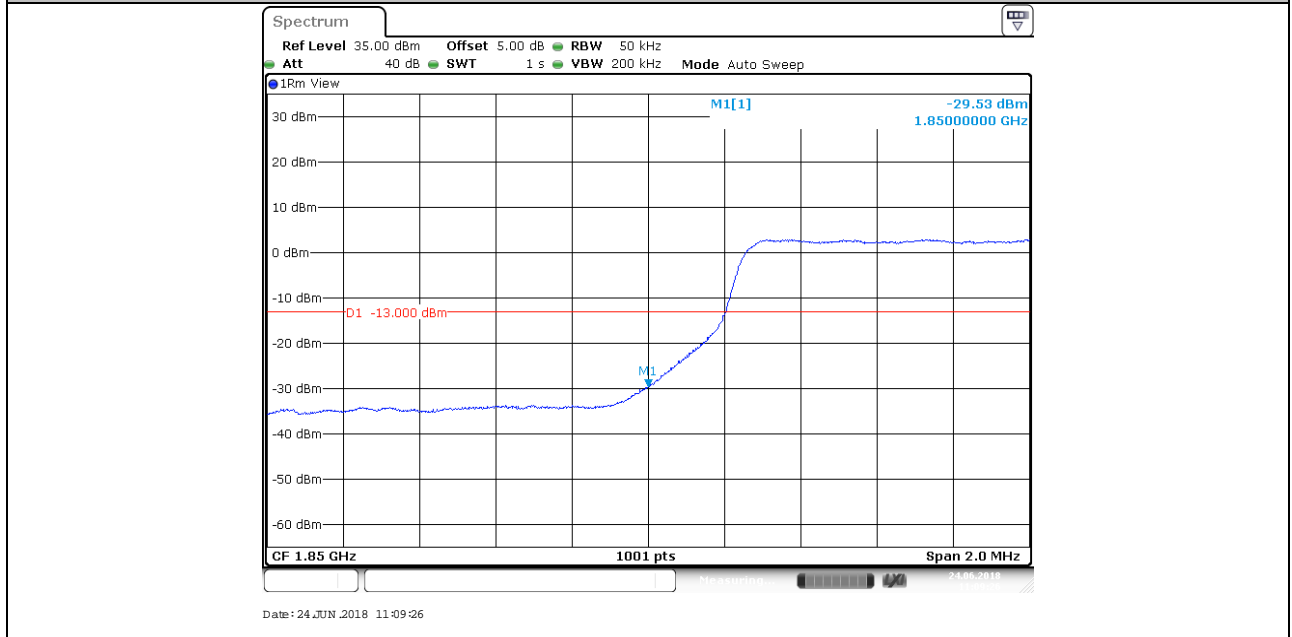
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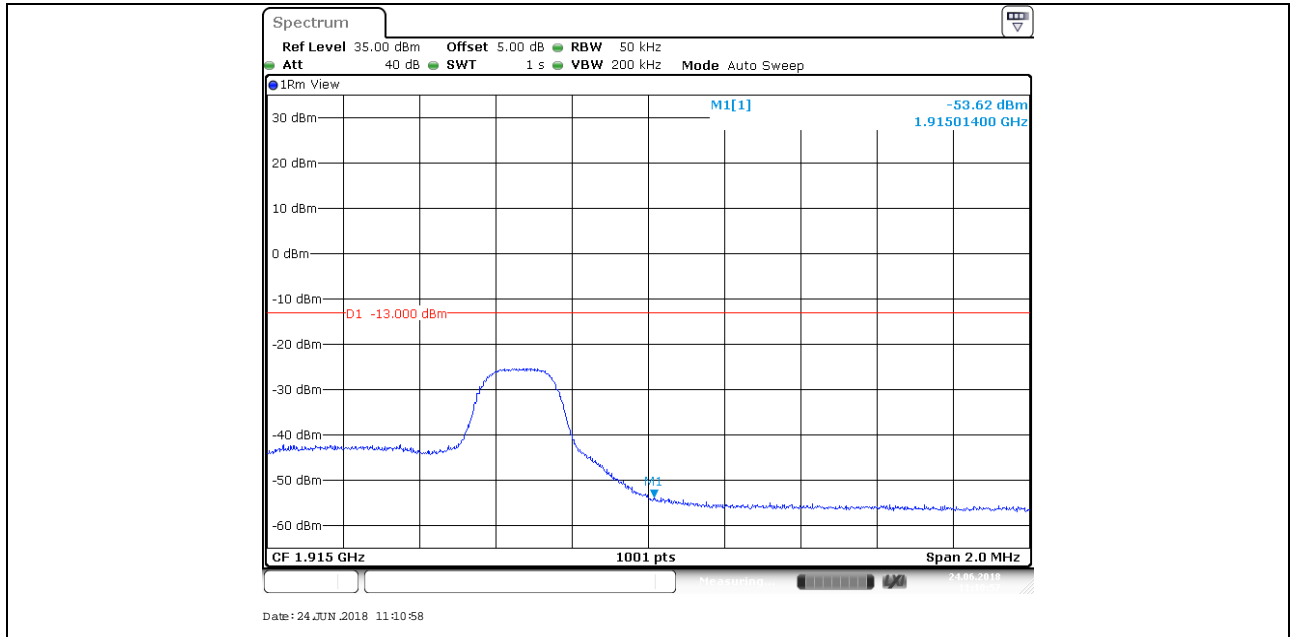
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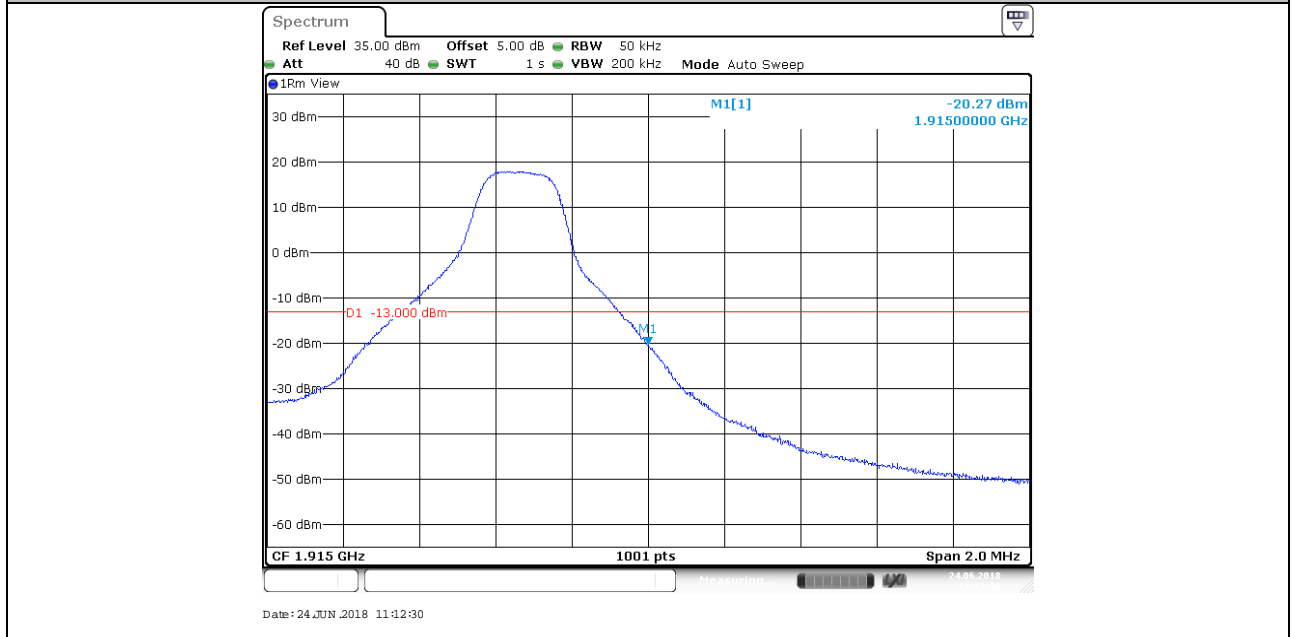
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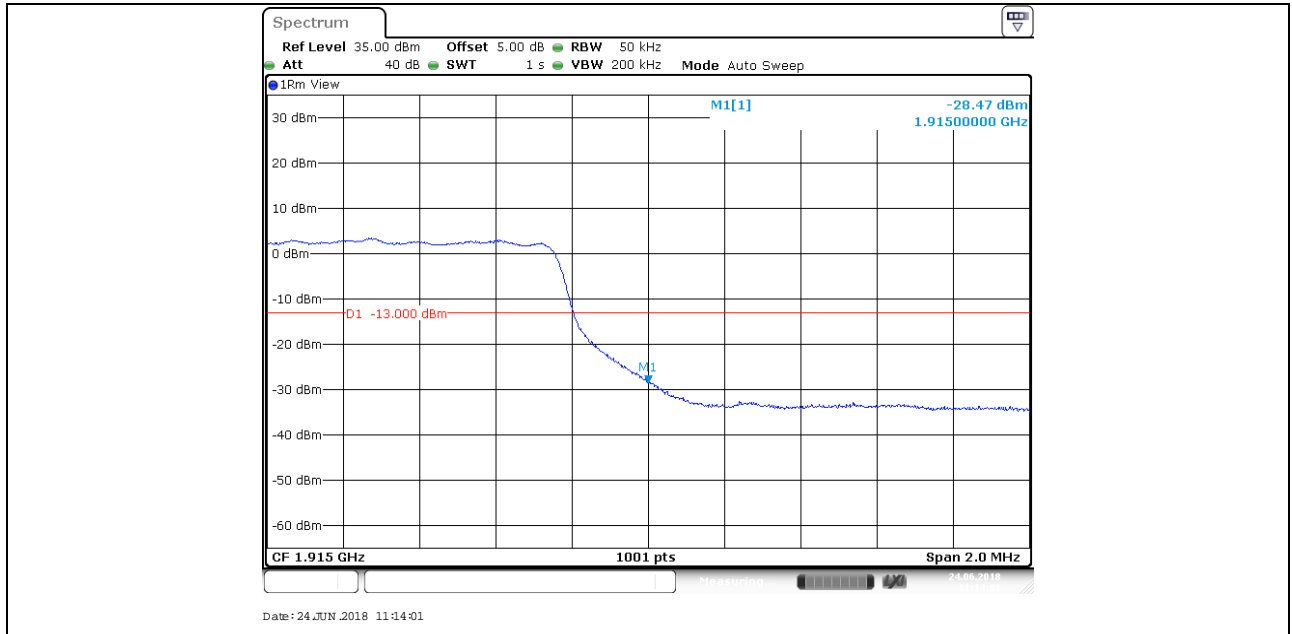


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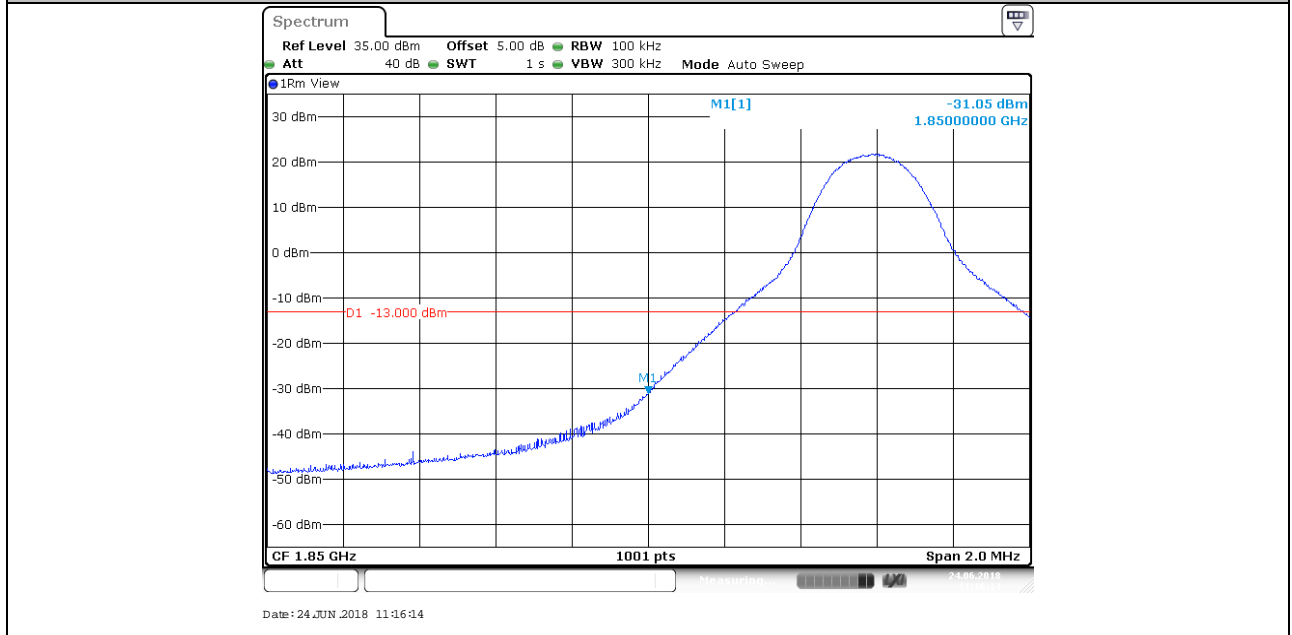


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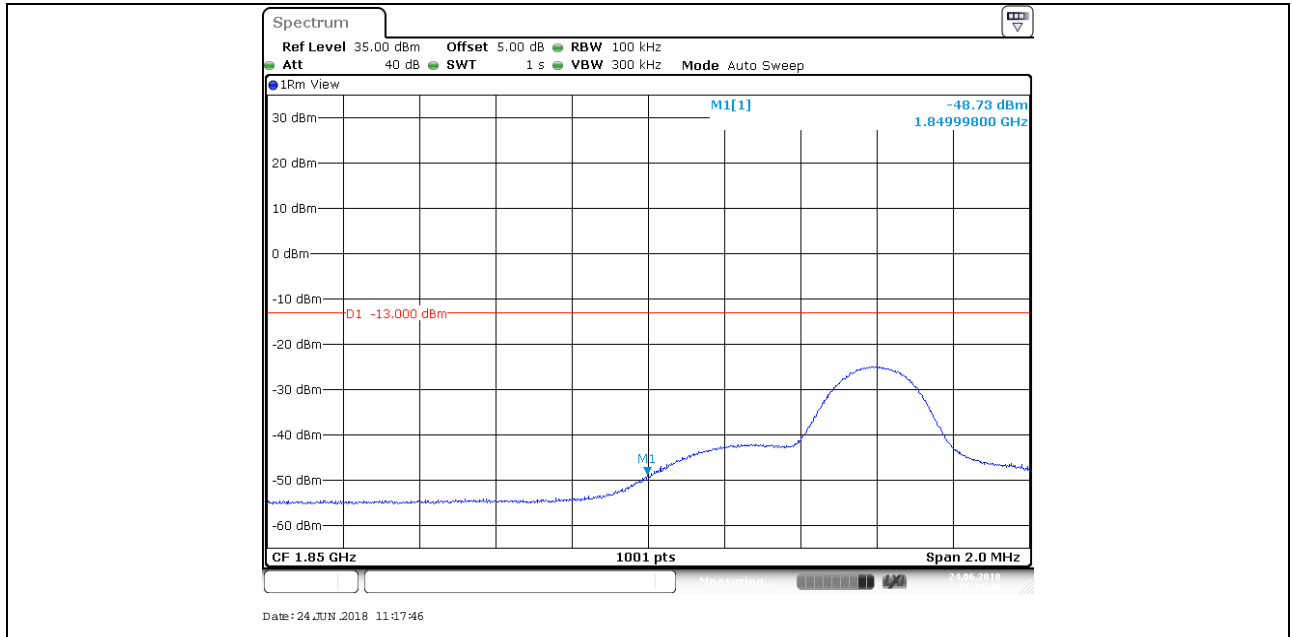
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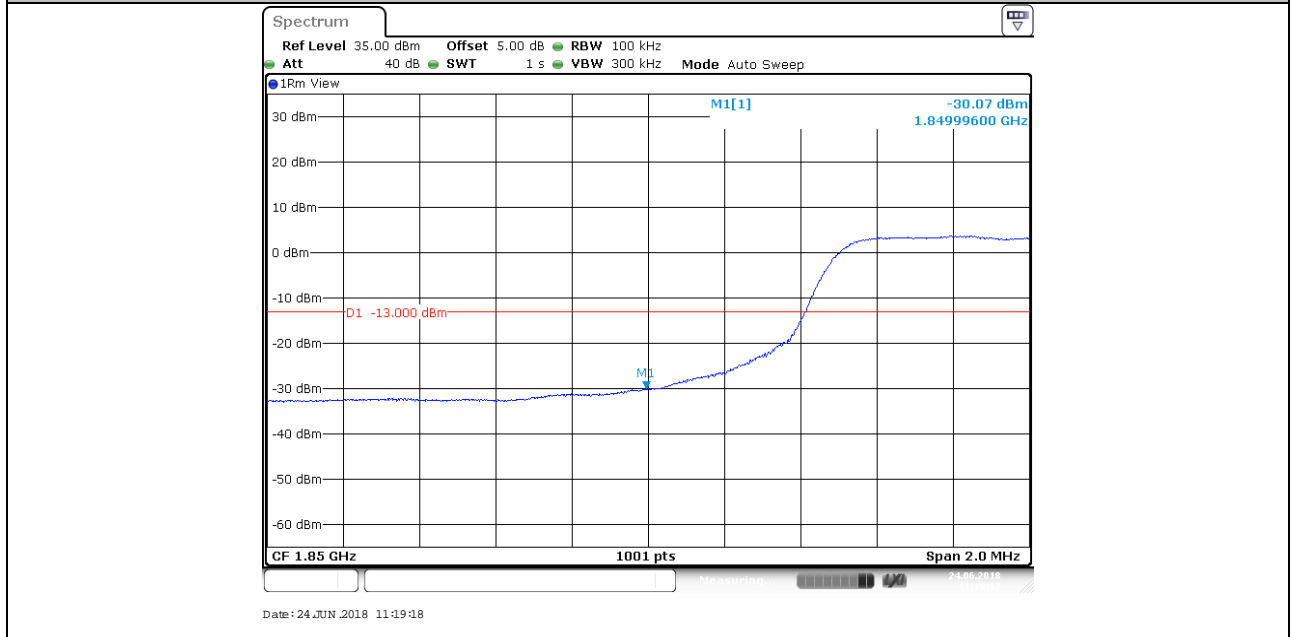
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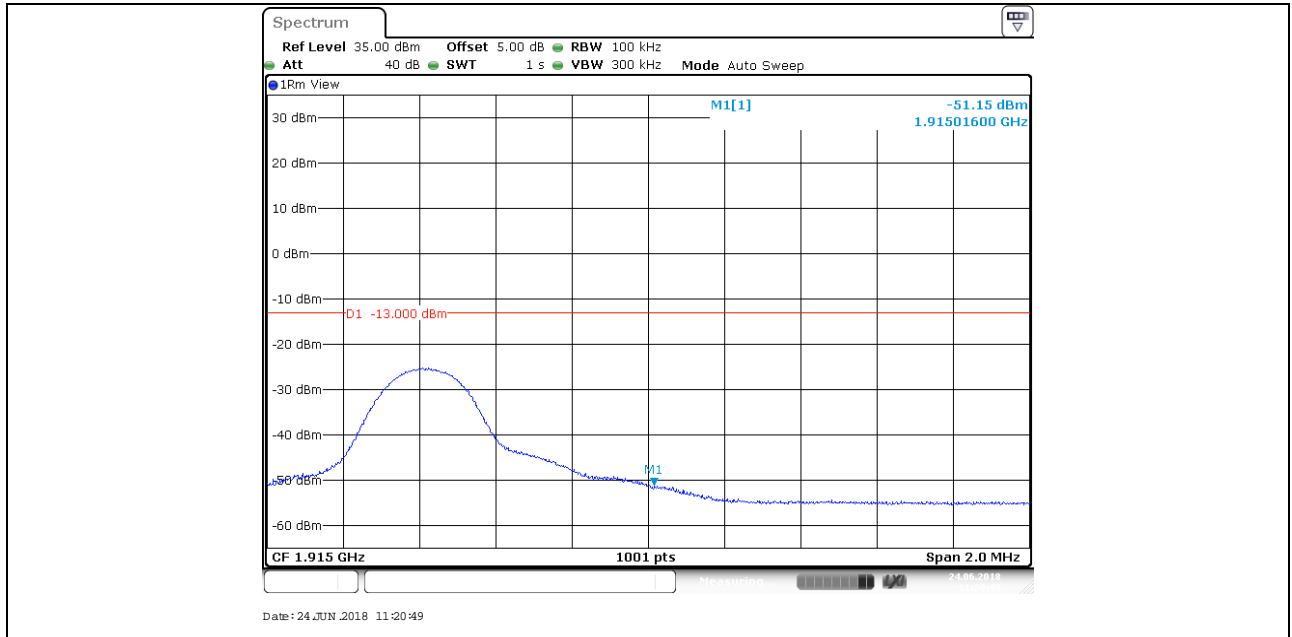


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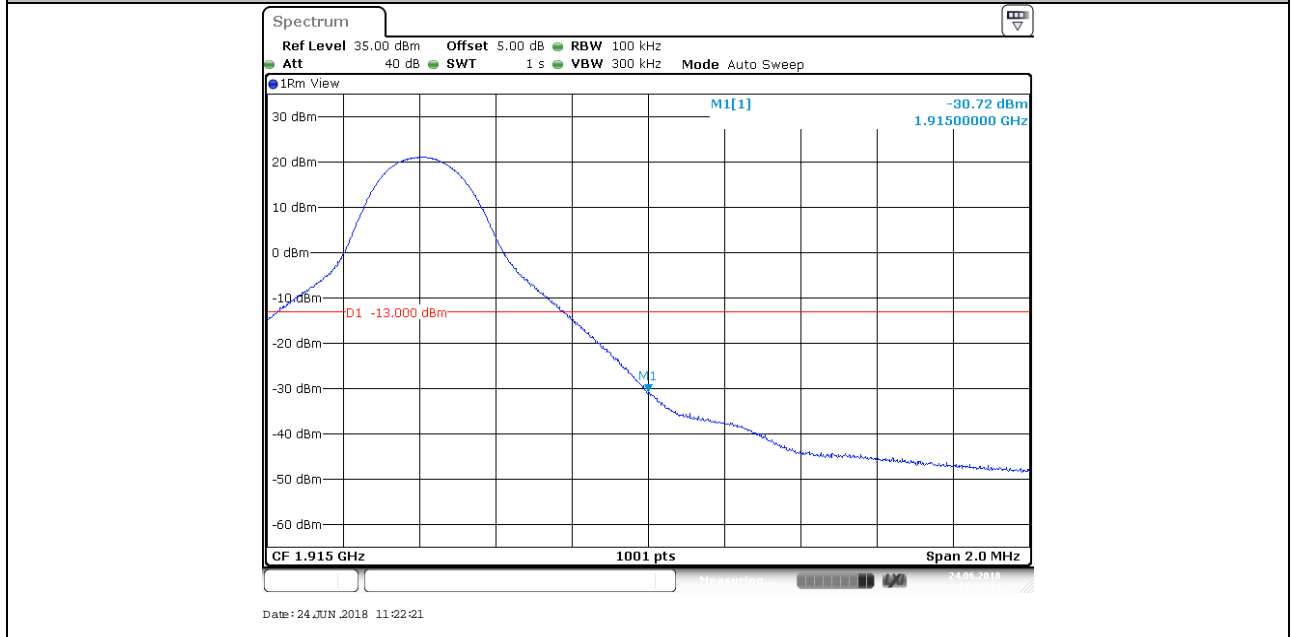


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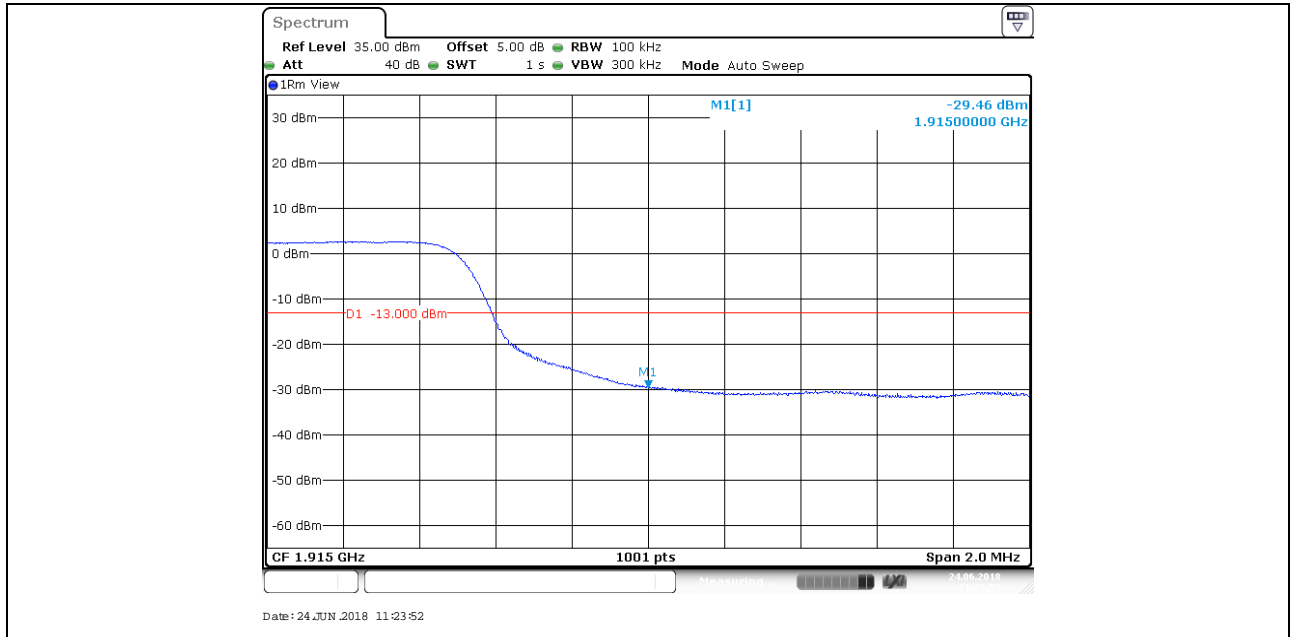




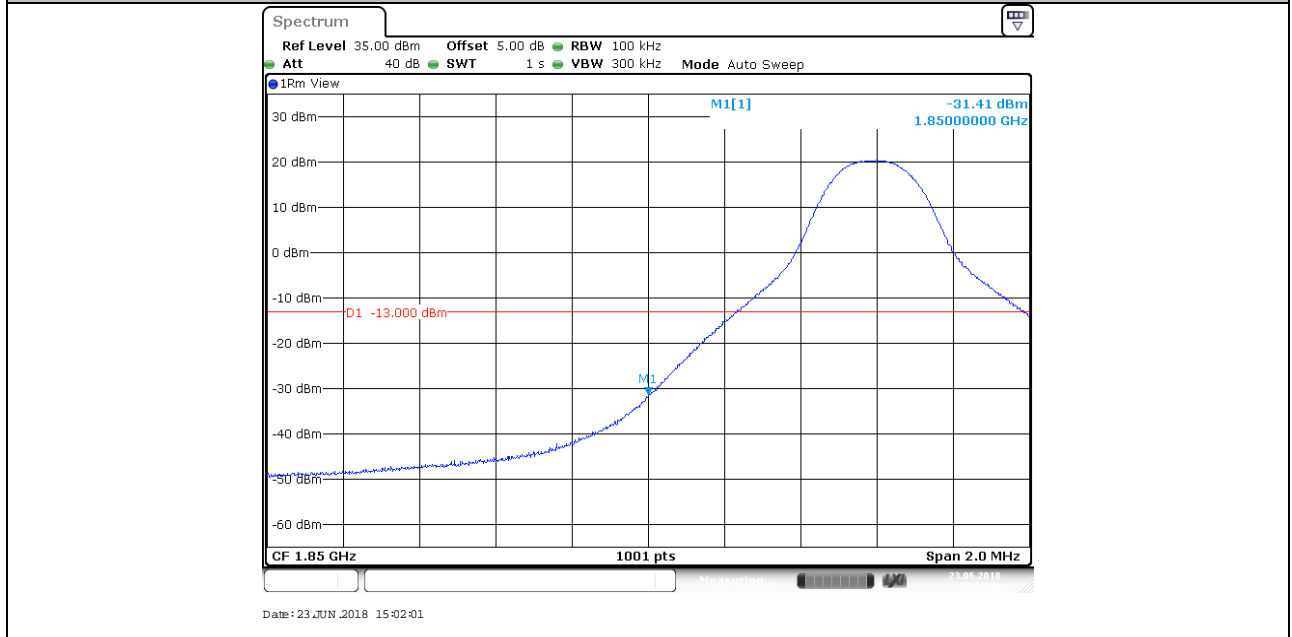
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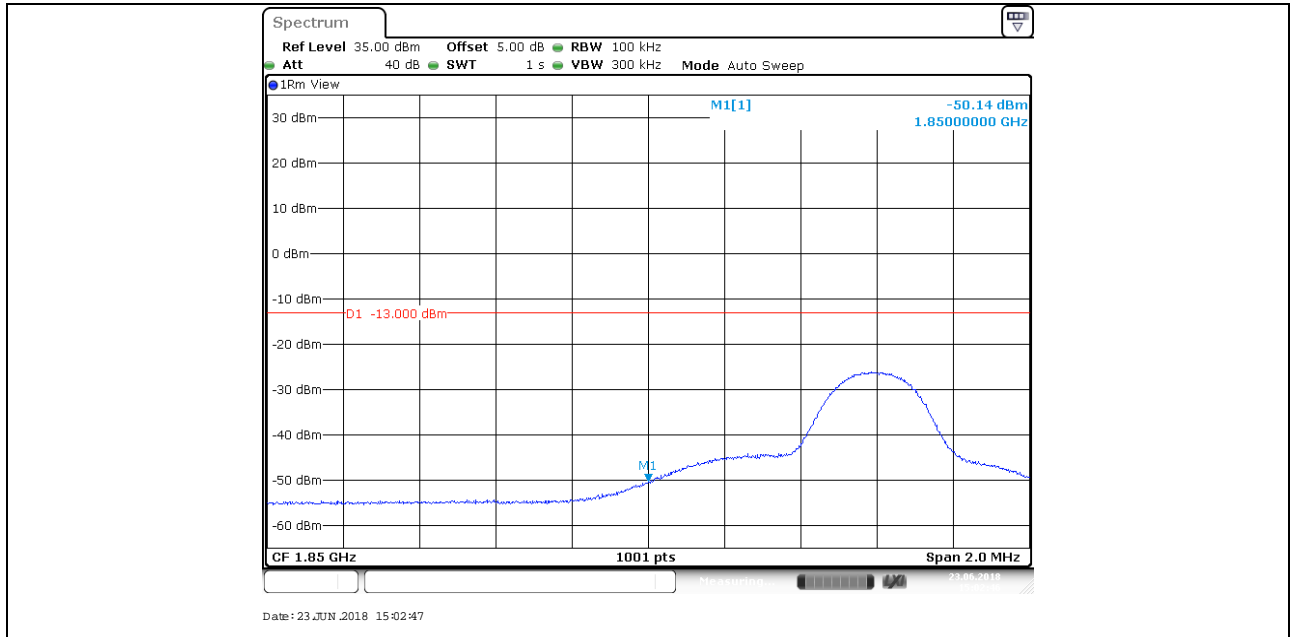
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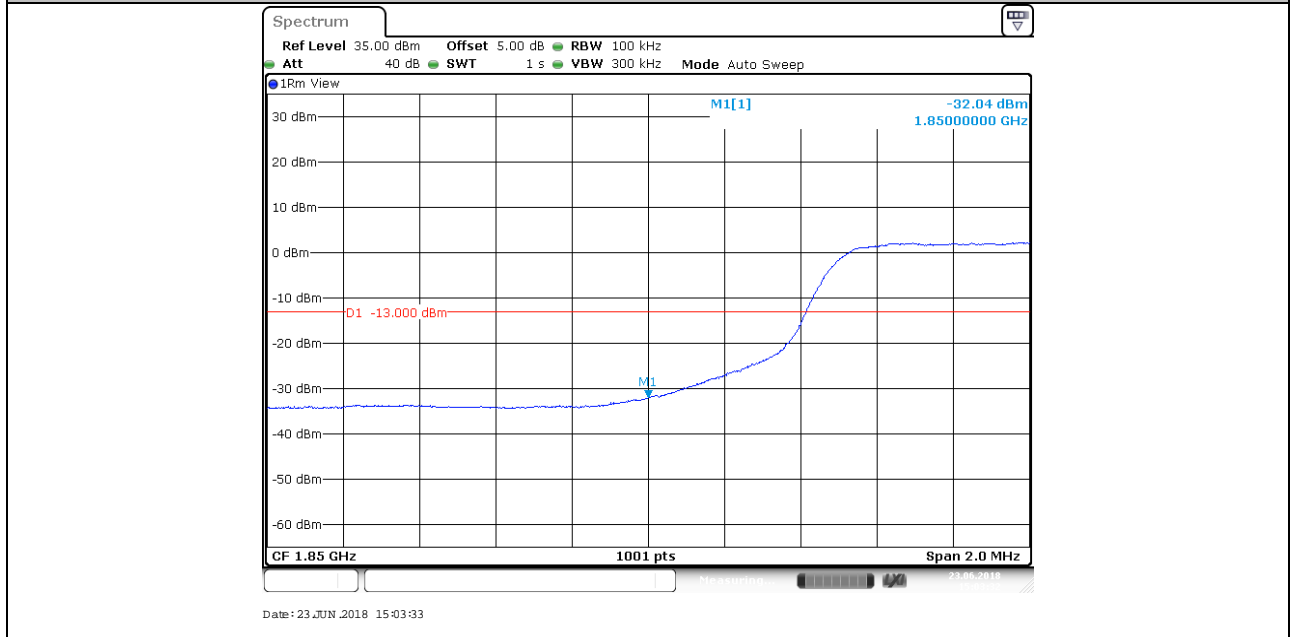
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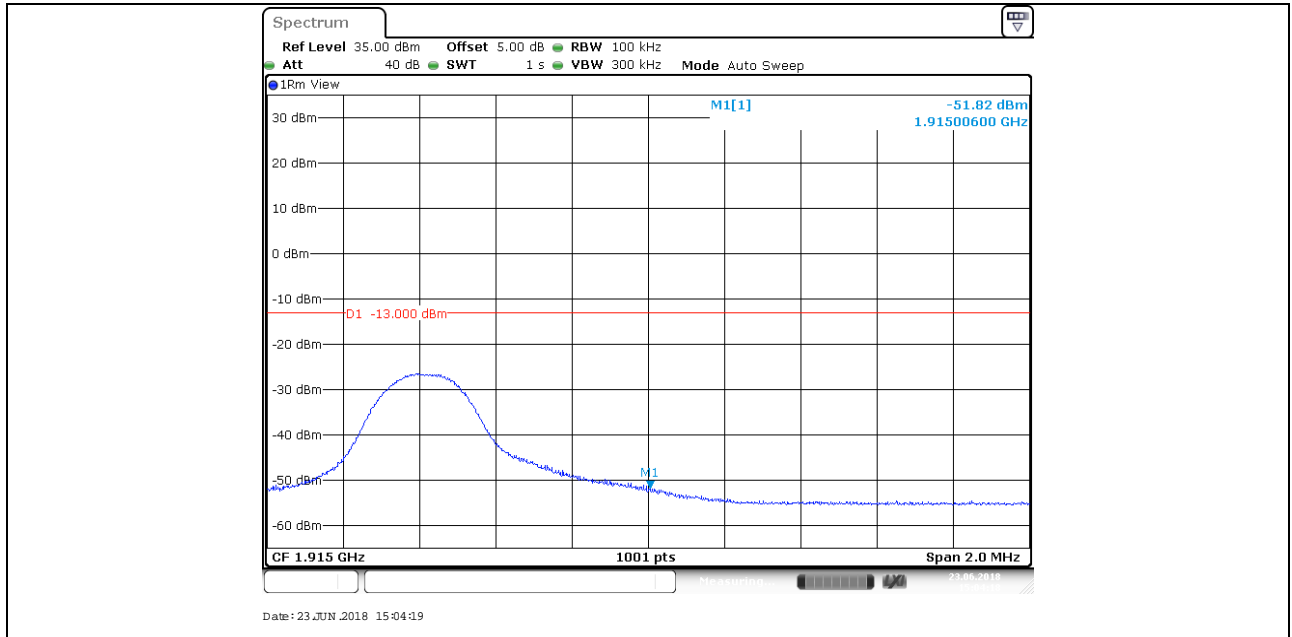
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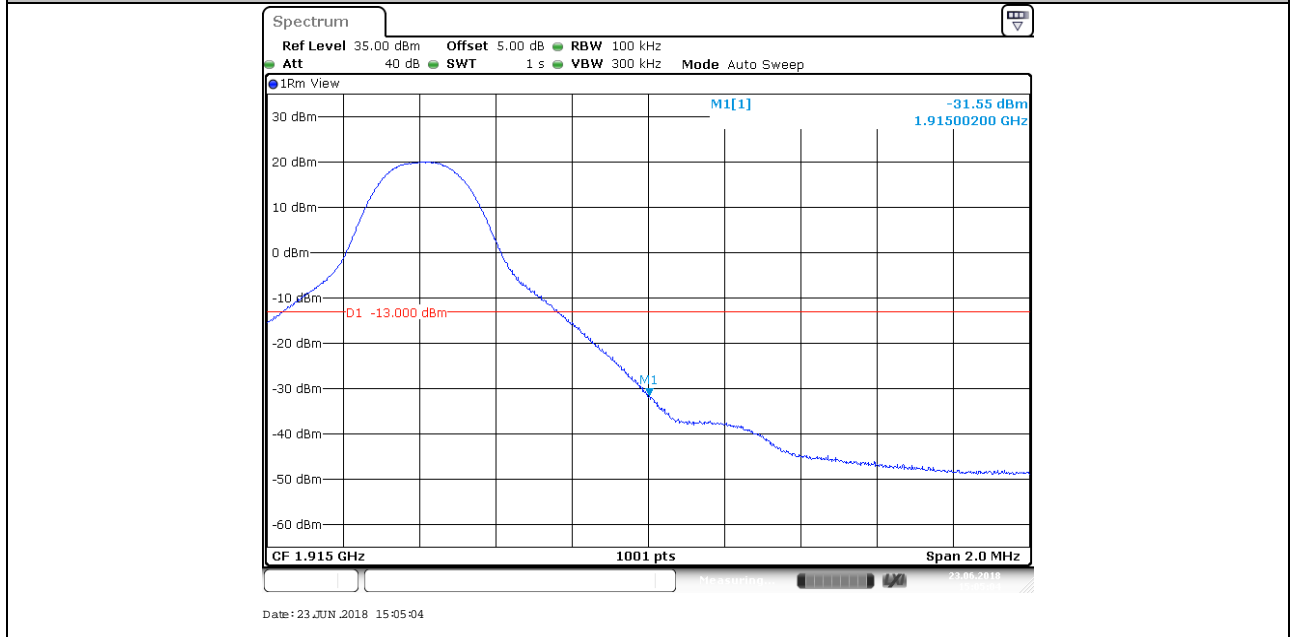
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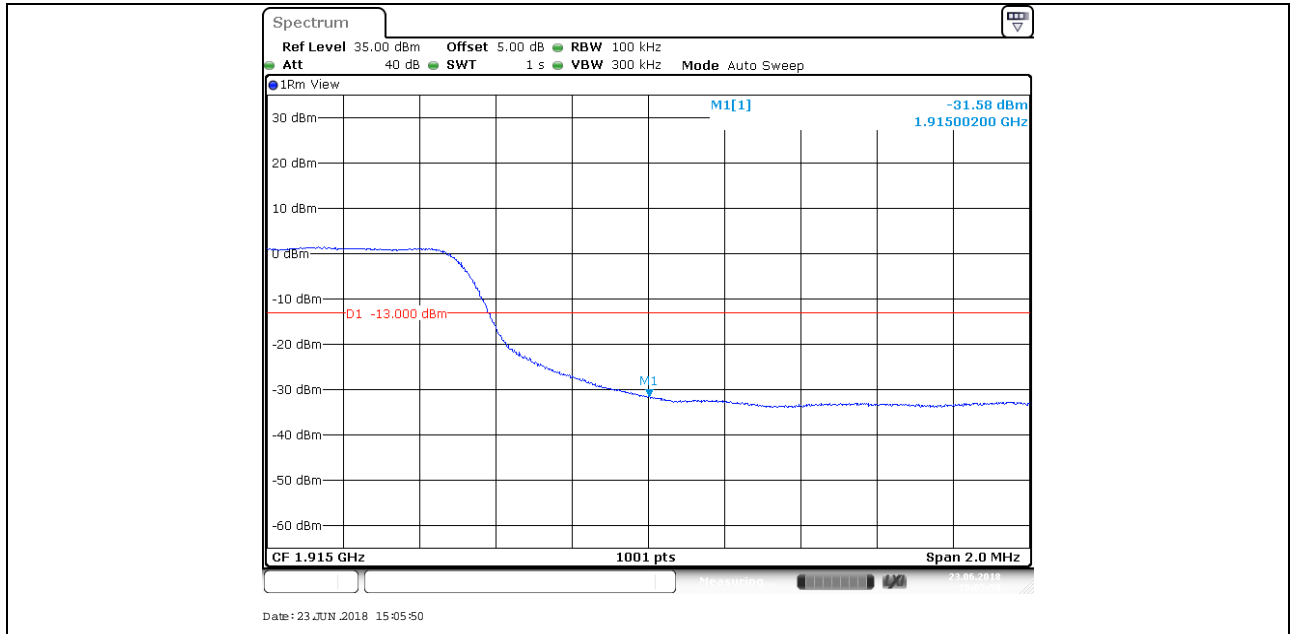
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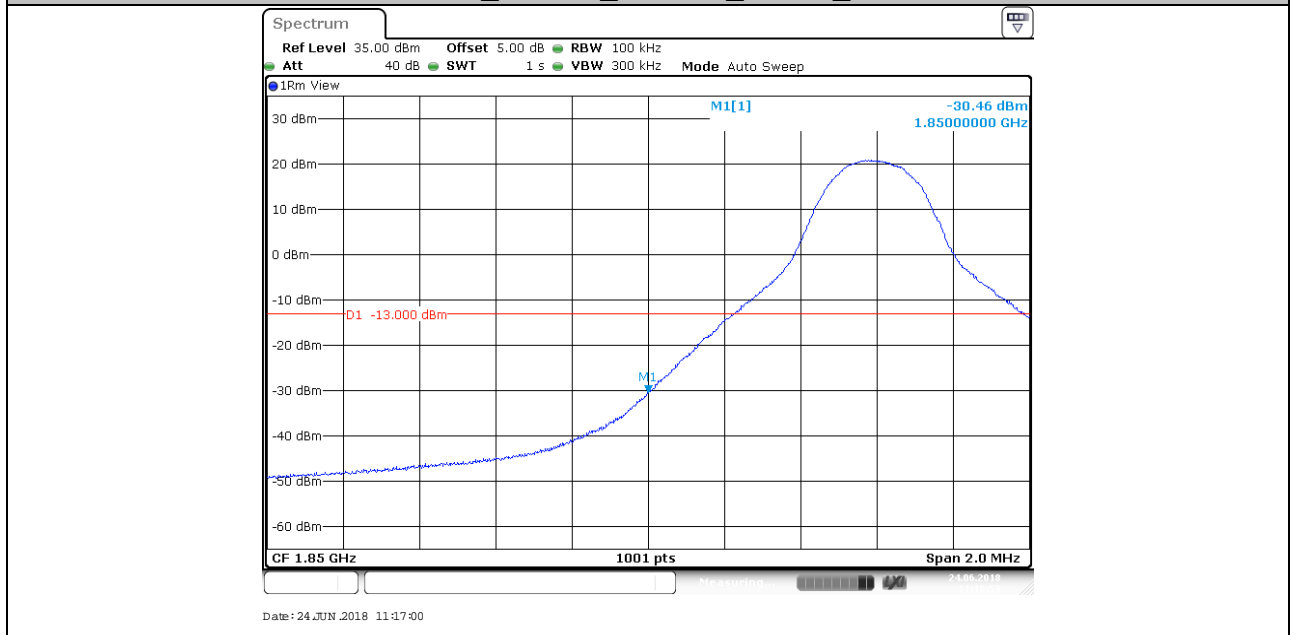
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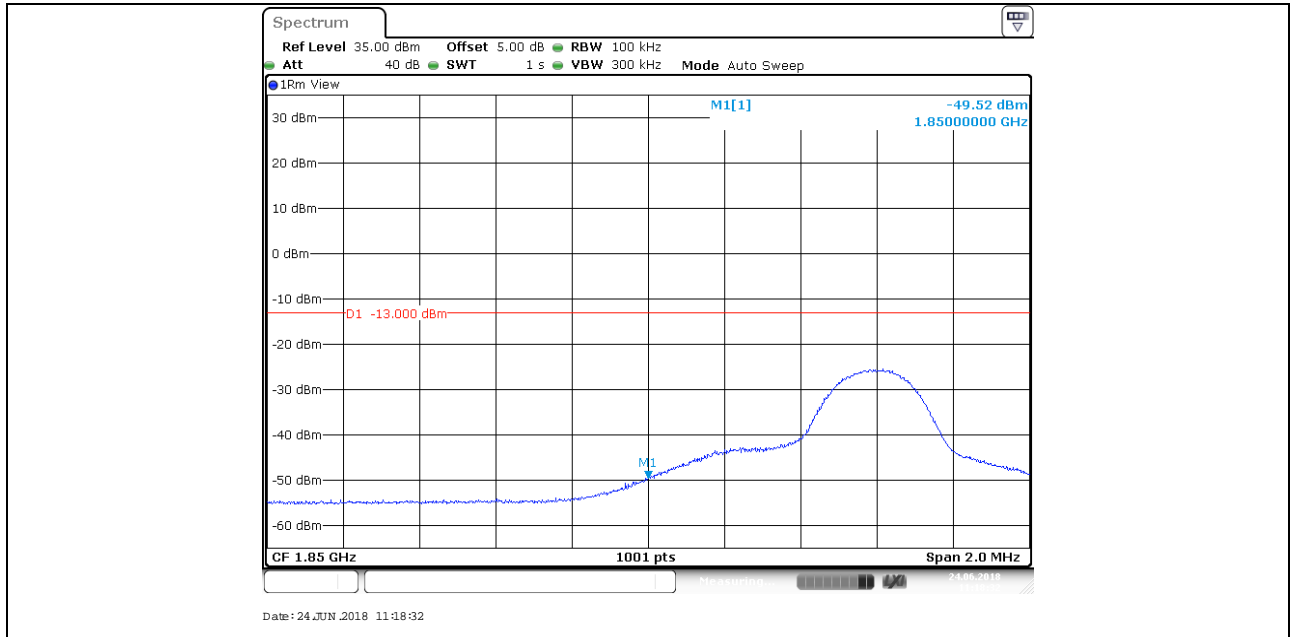


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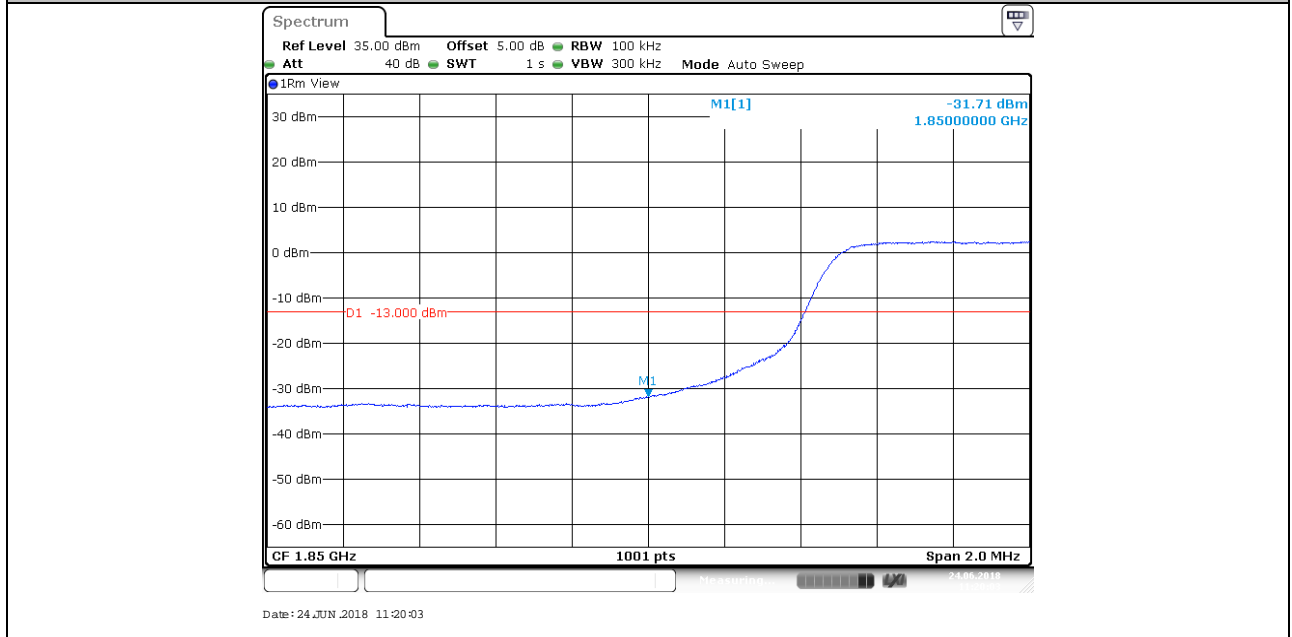


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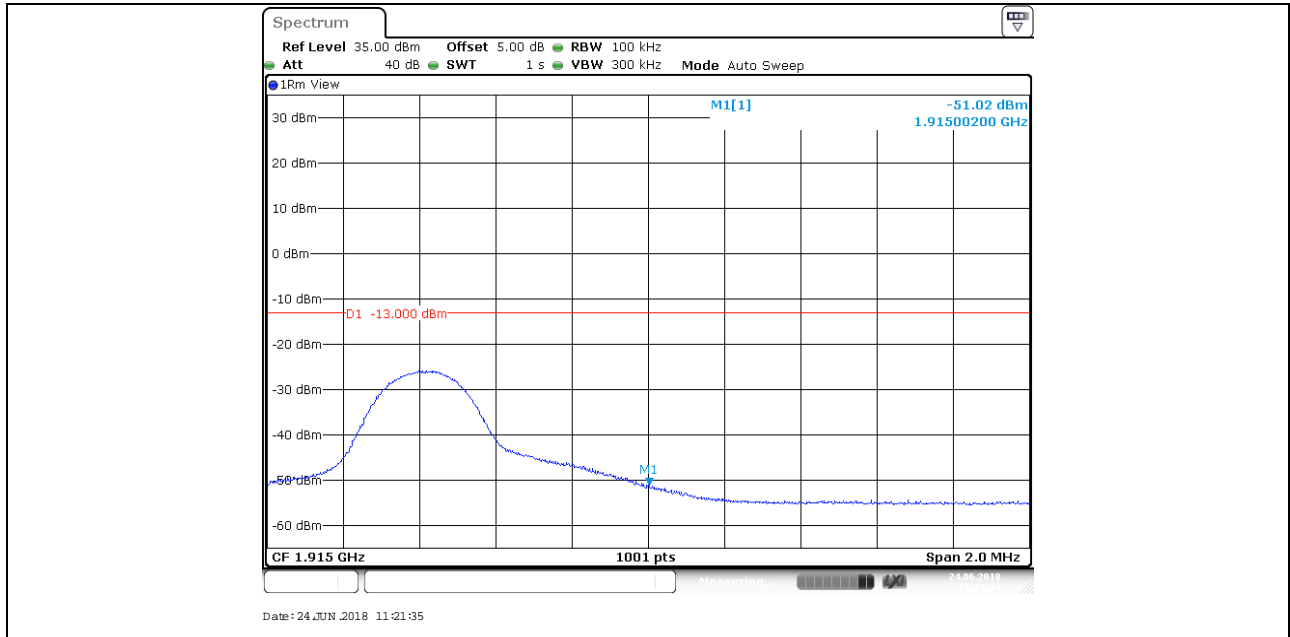
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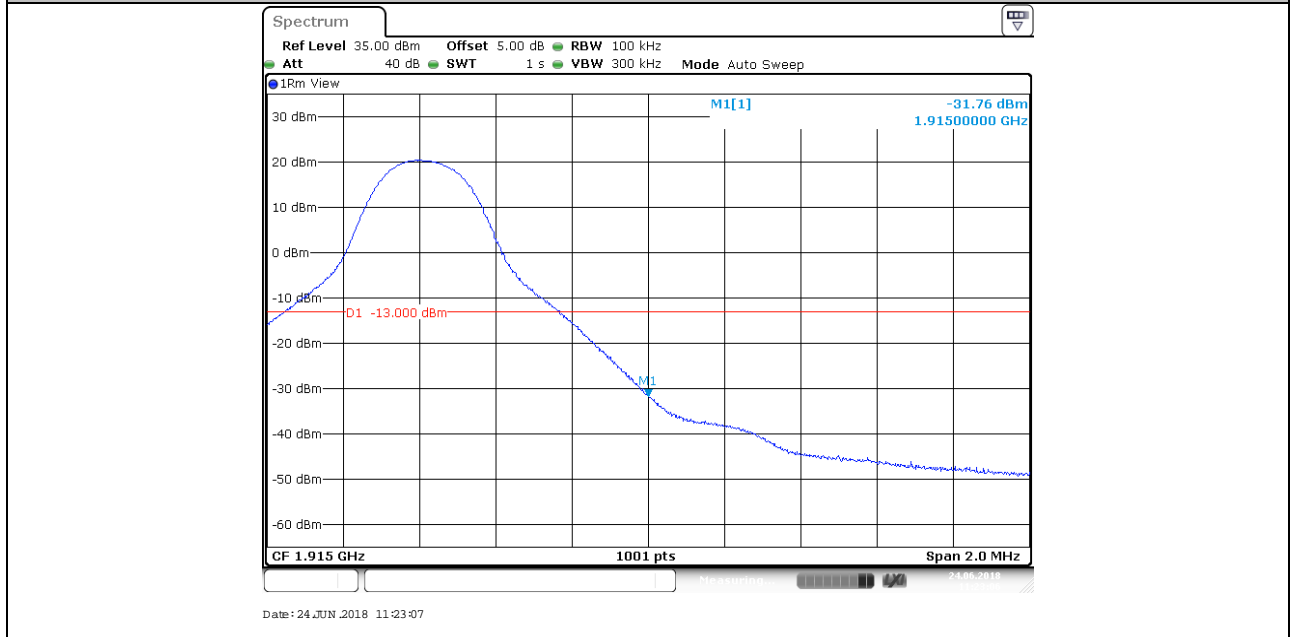
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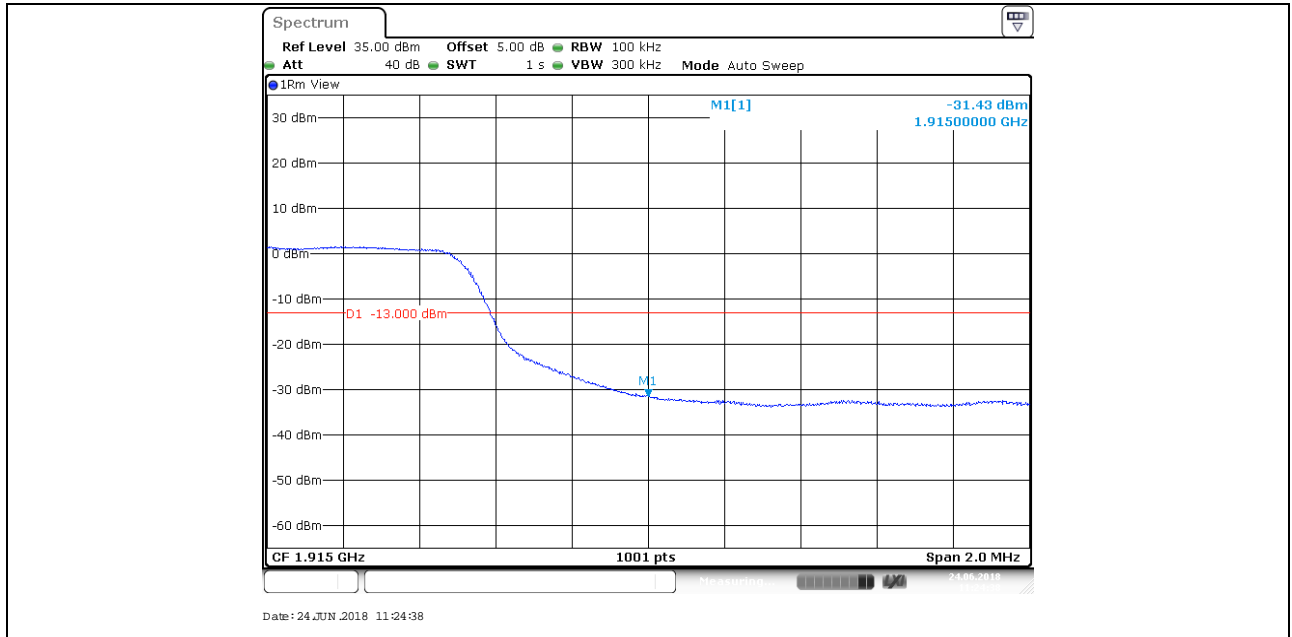
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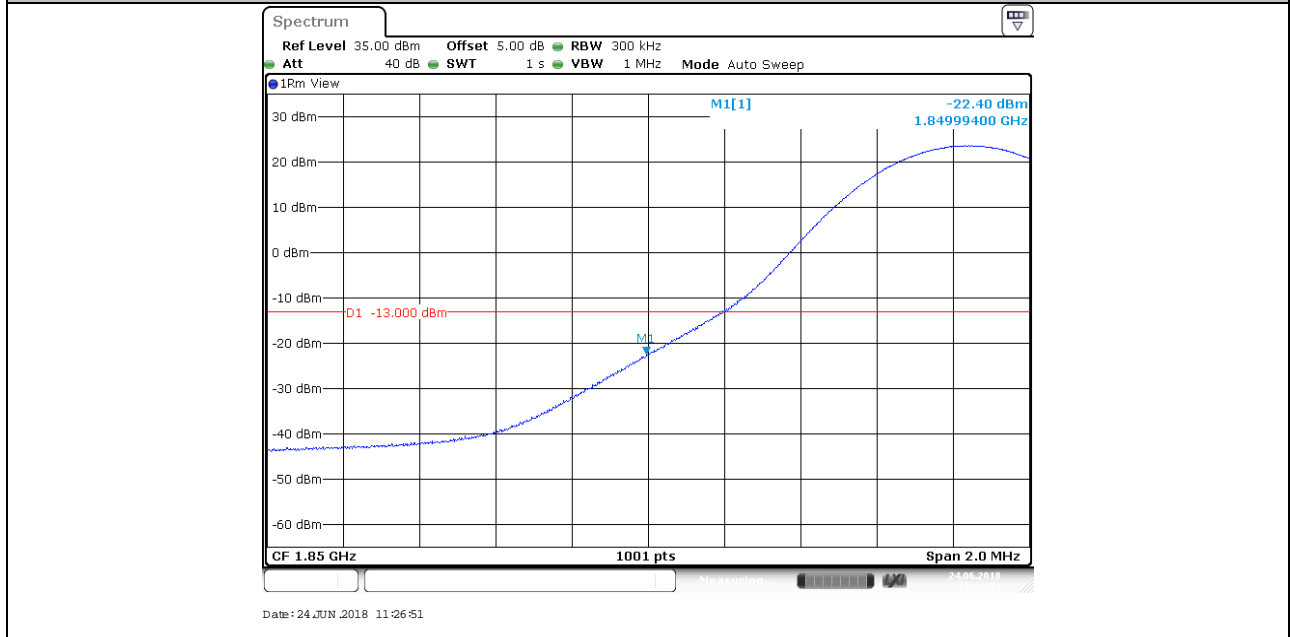
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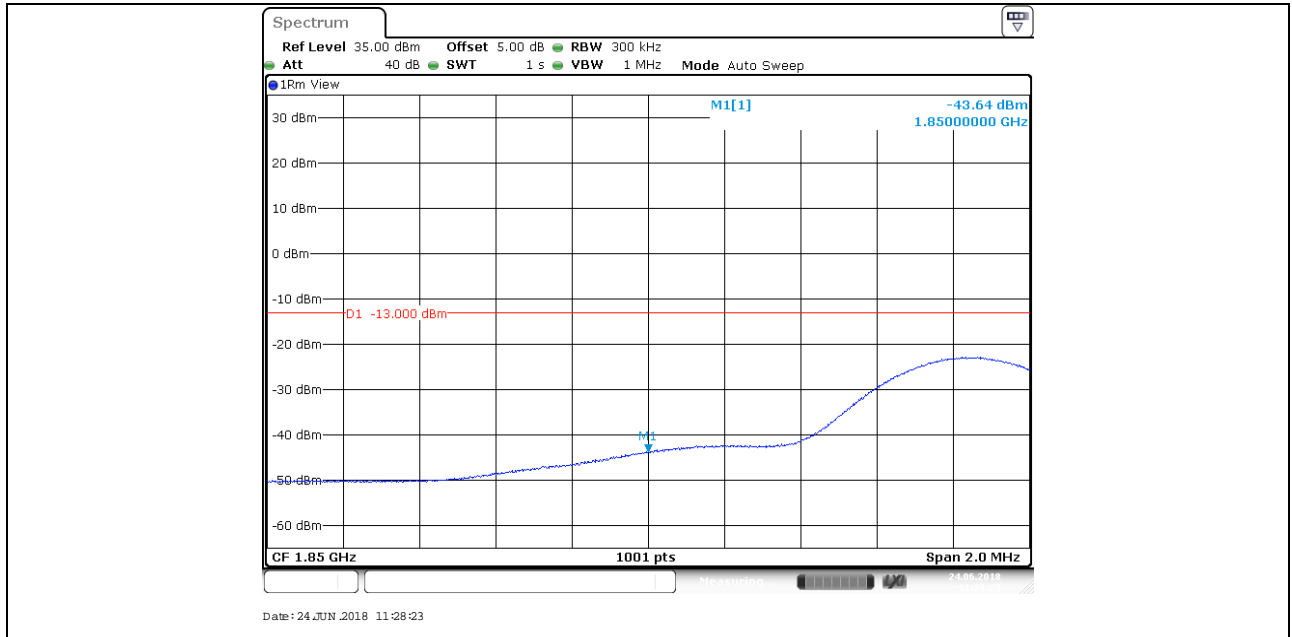


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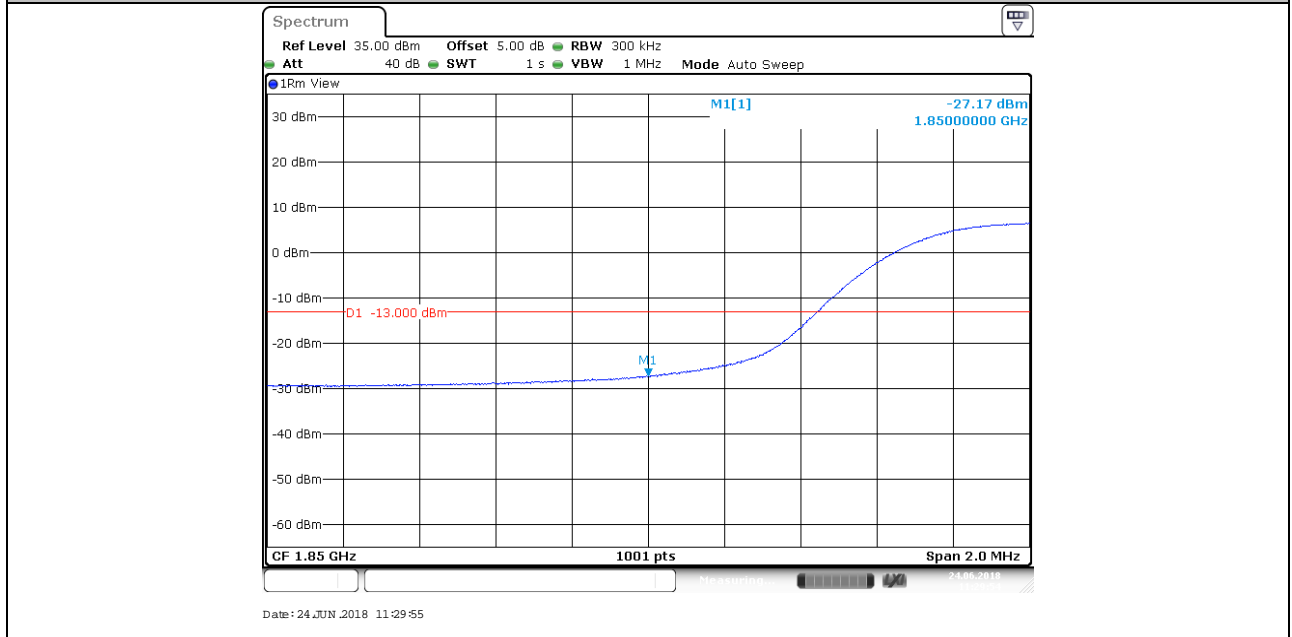


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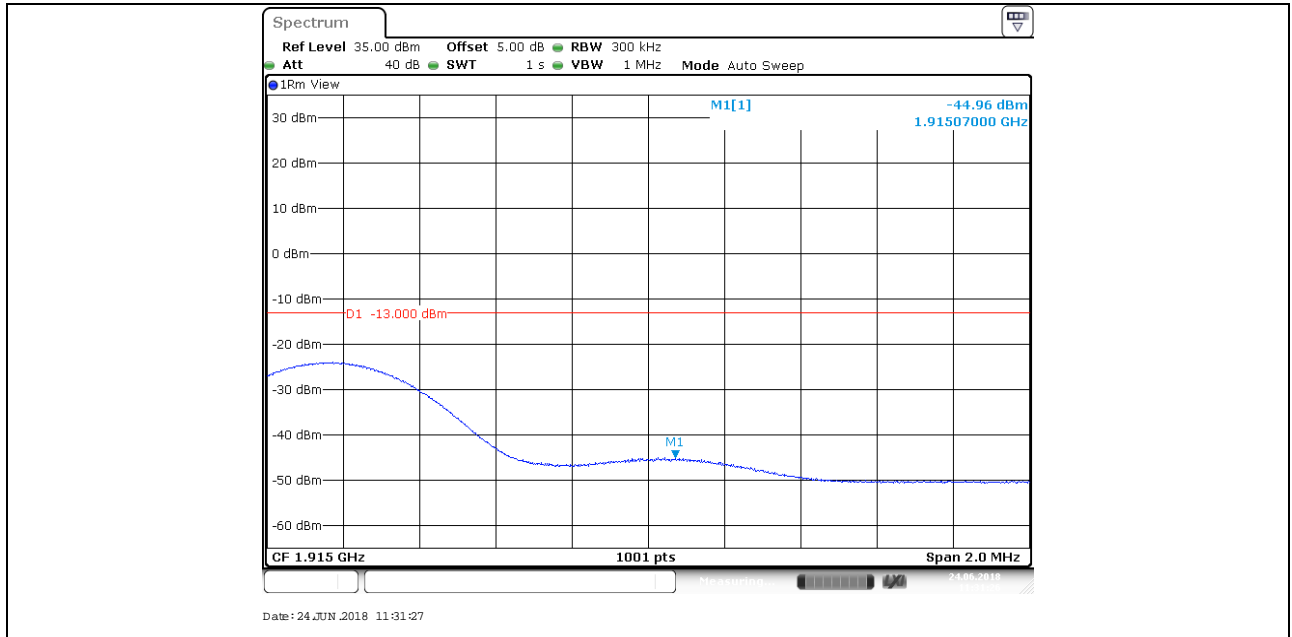




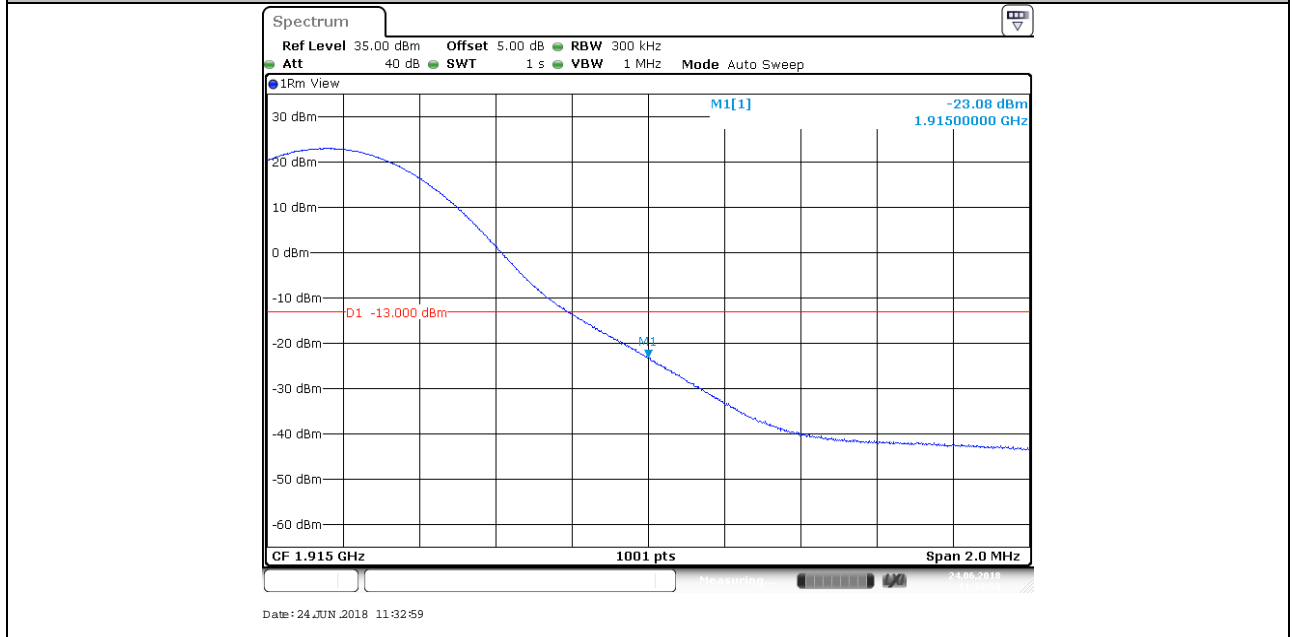
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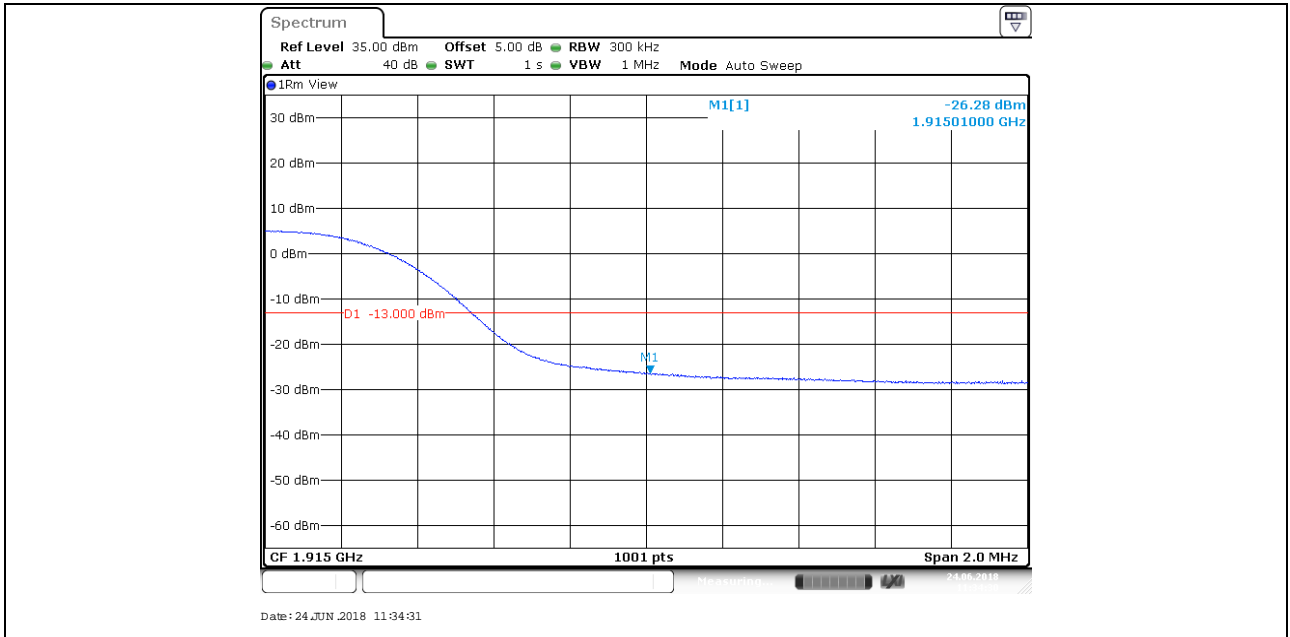
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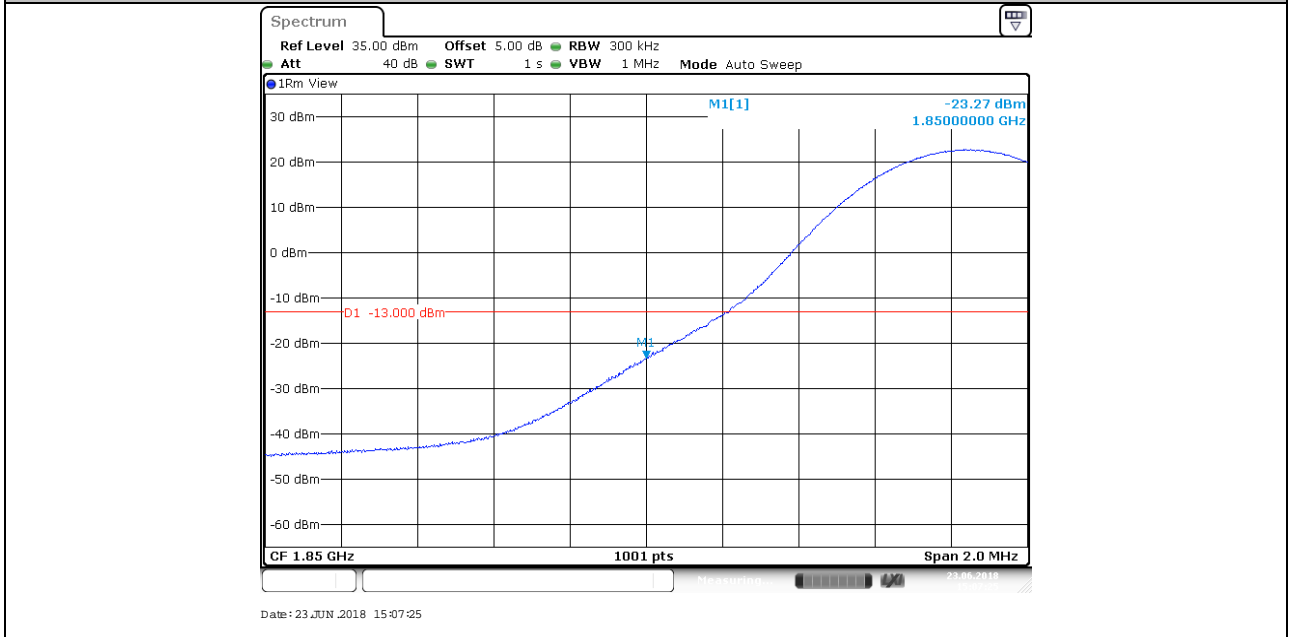
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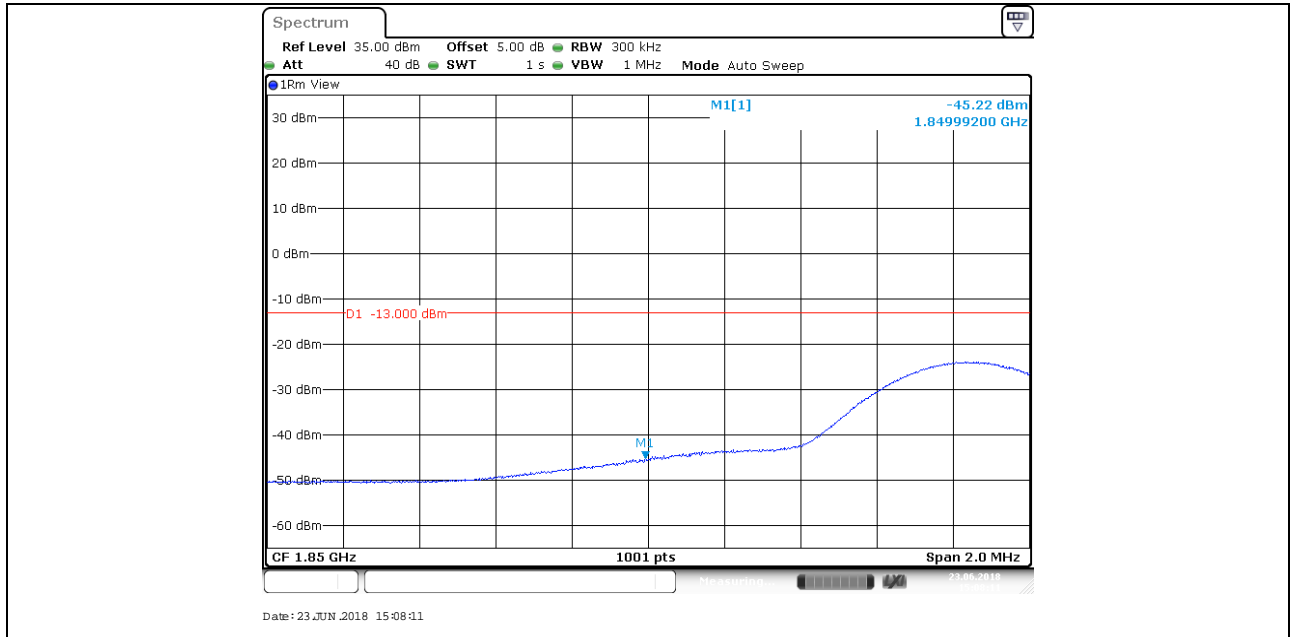
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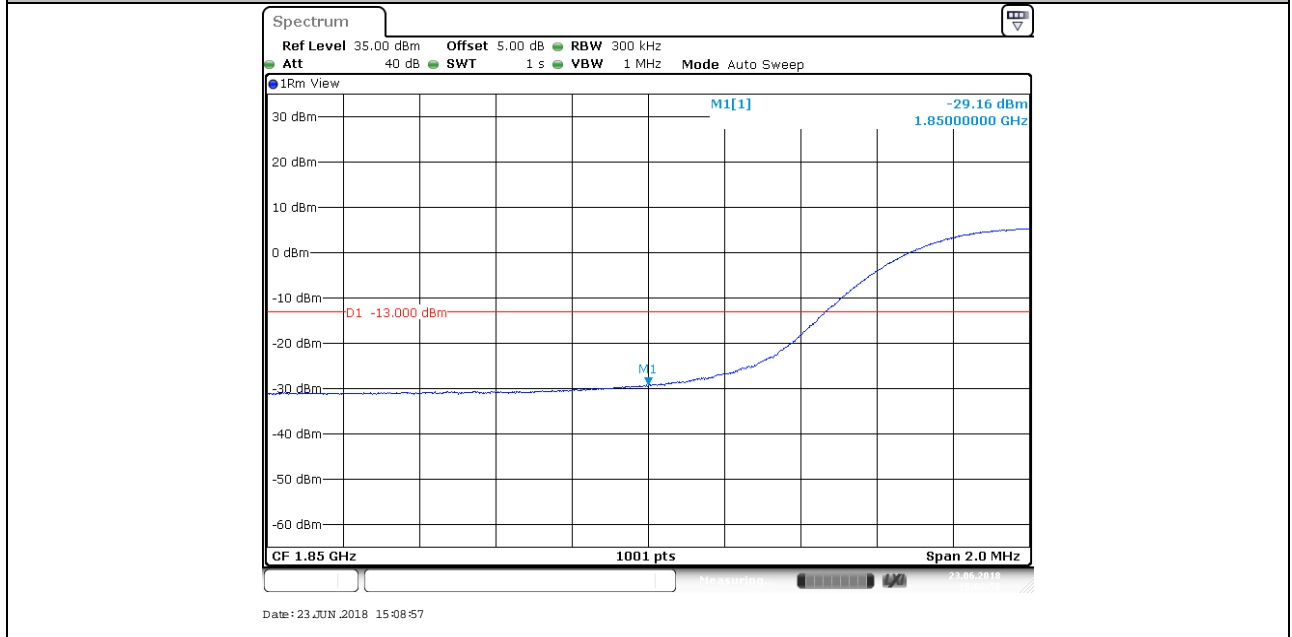
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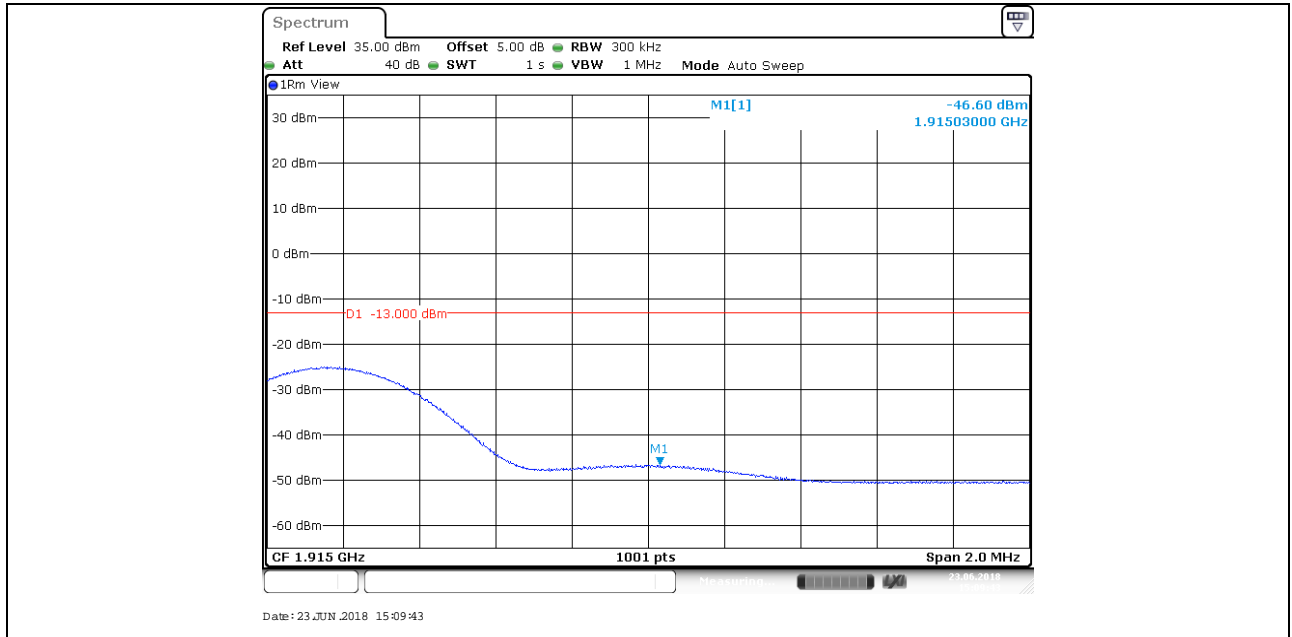
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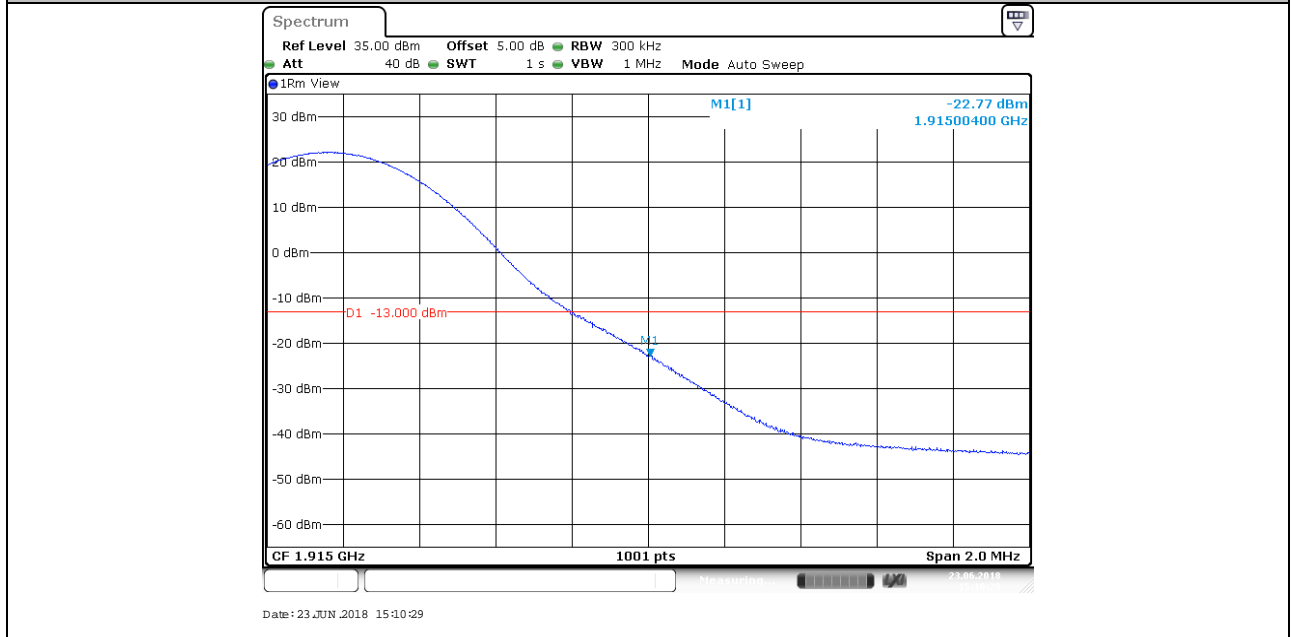
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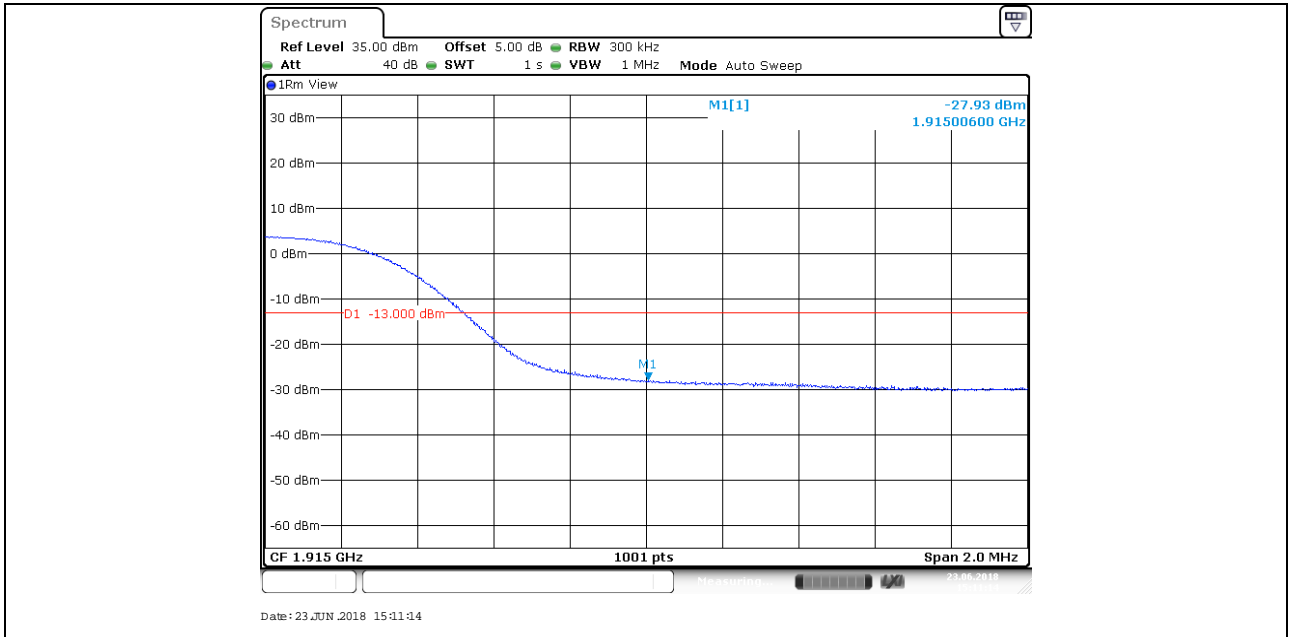
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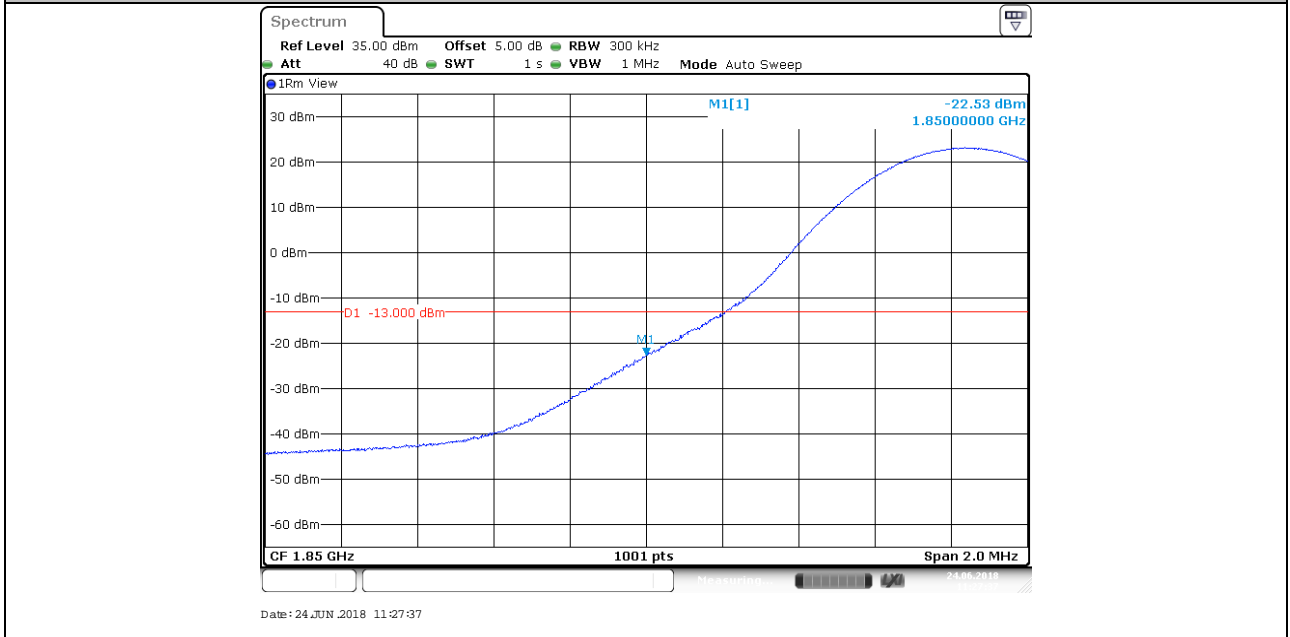
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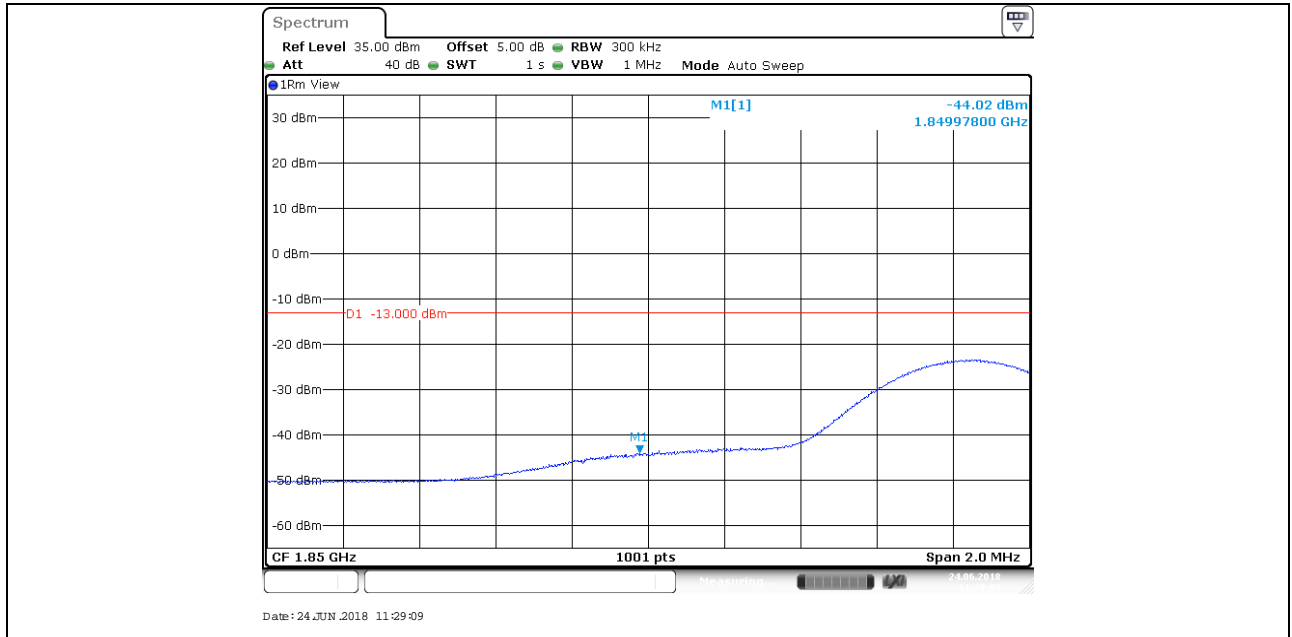
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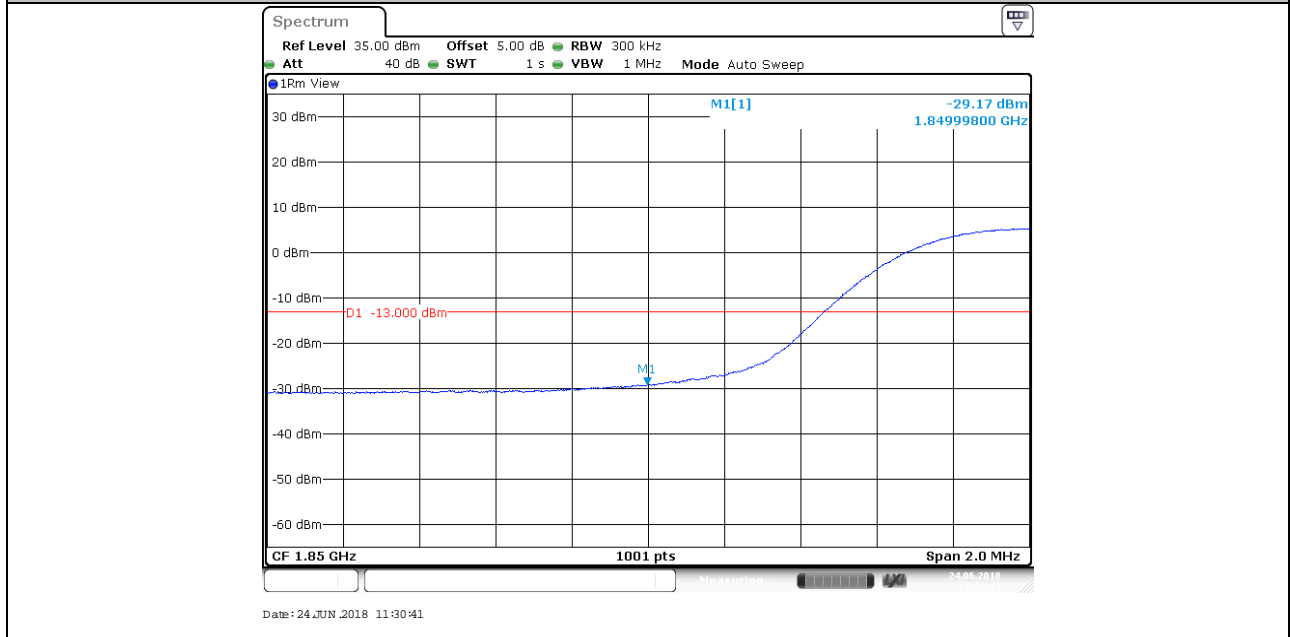
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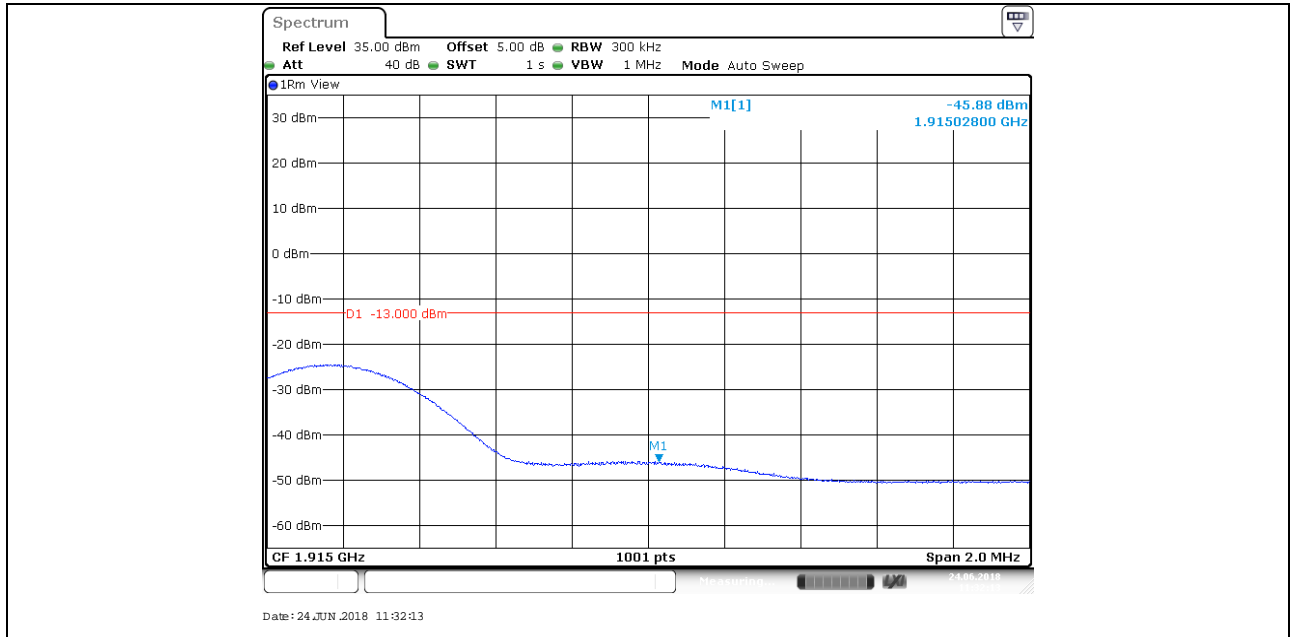
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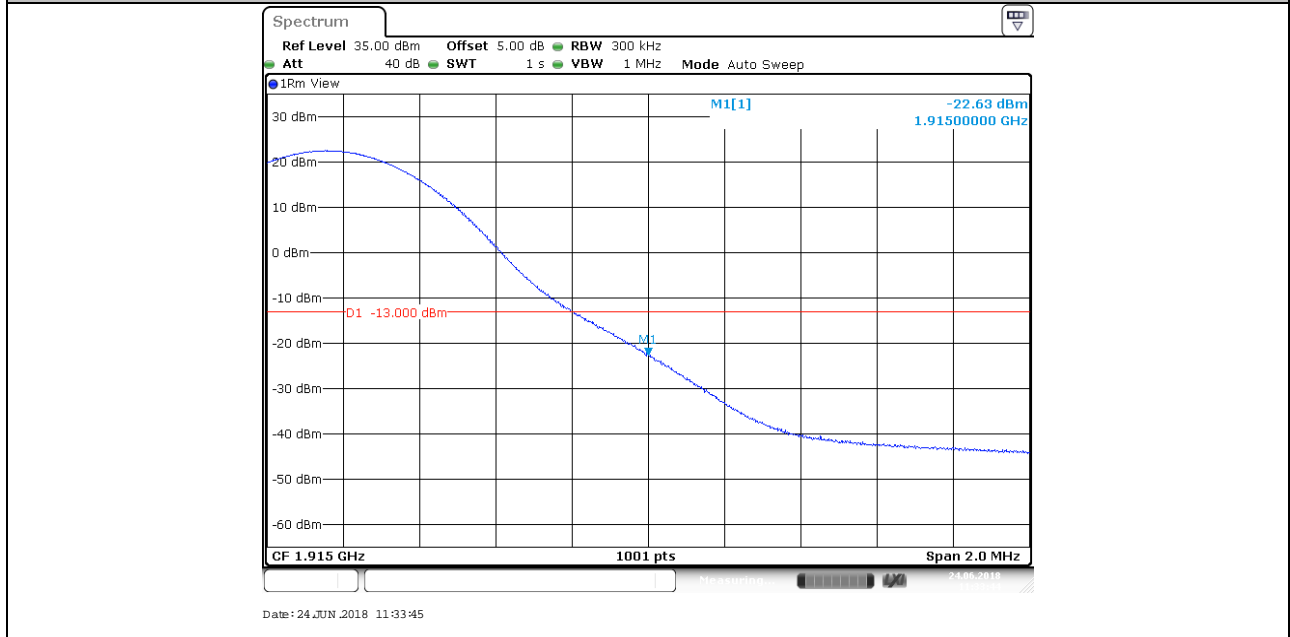
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BAND 25\_15MHz\_16QAM\_26615\_1RB#0

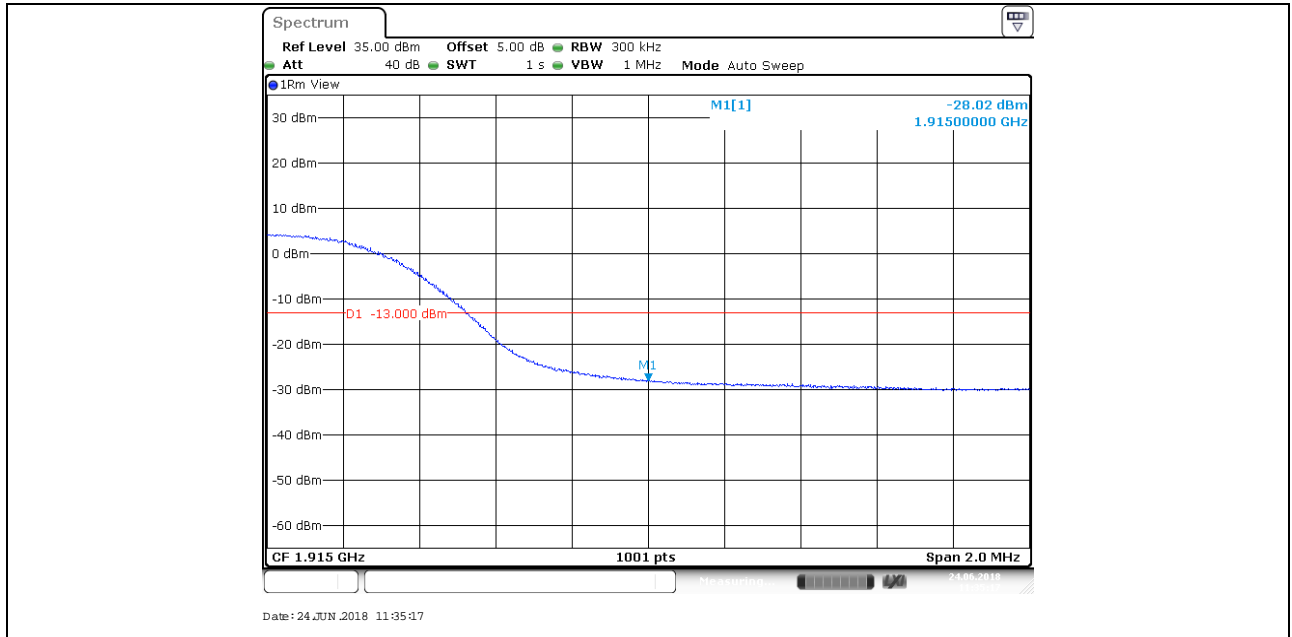


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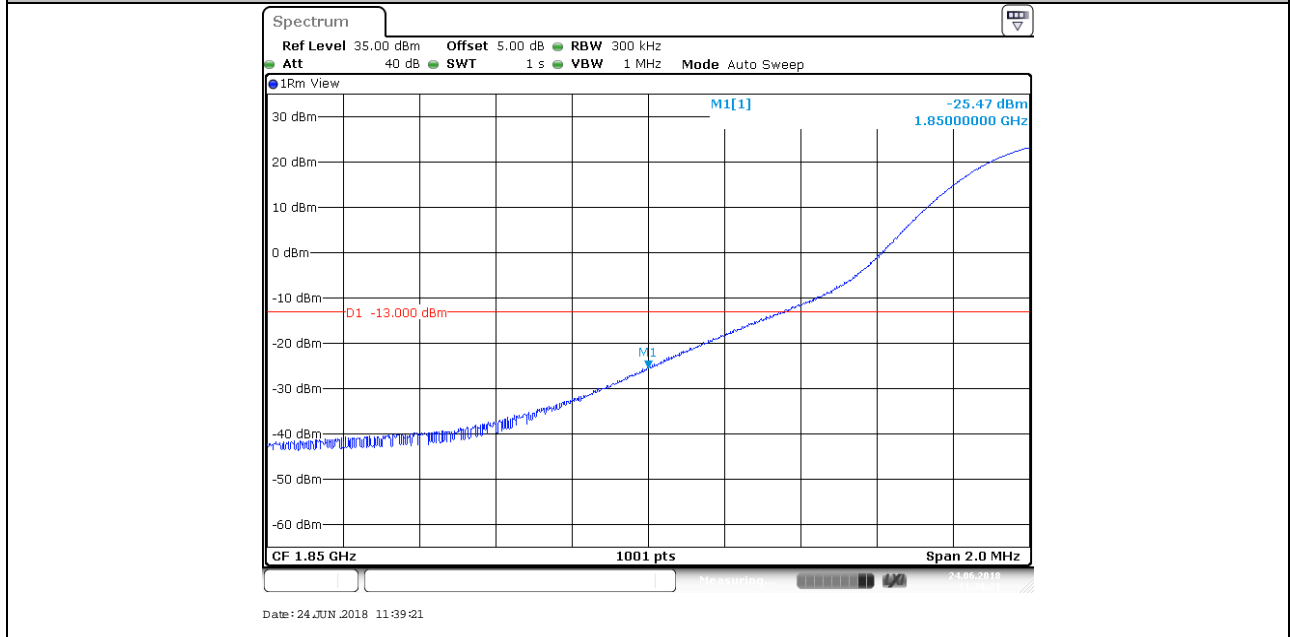


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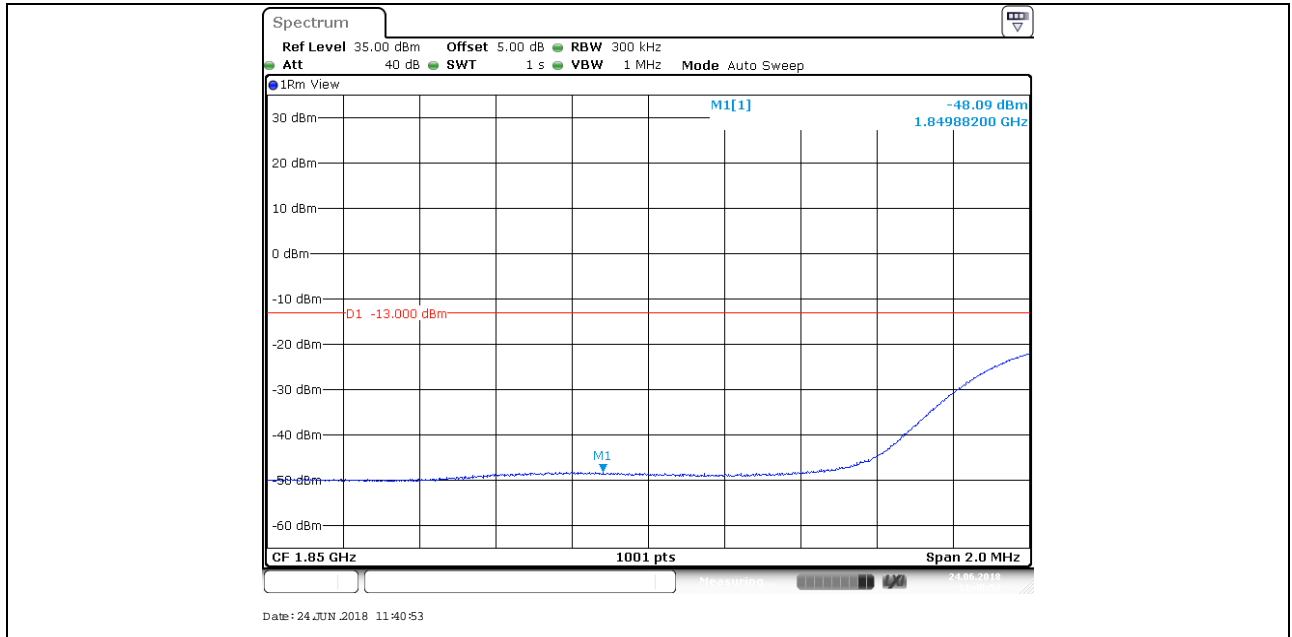




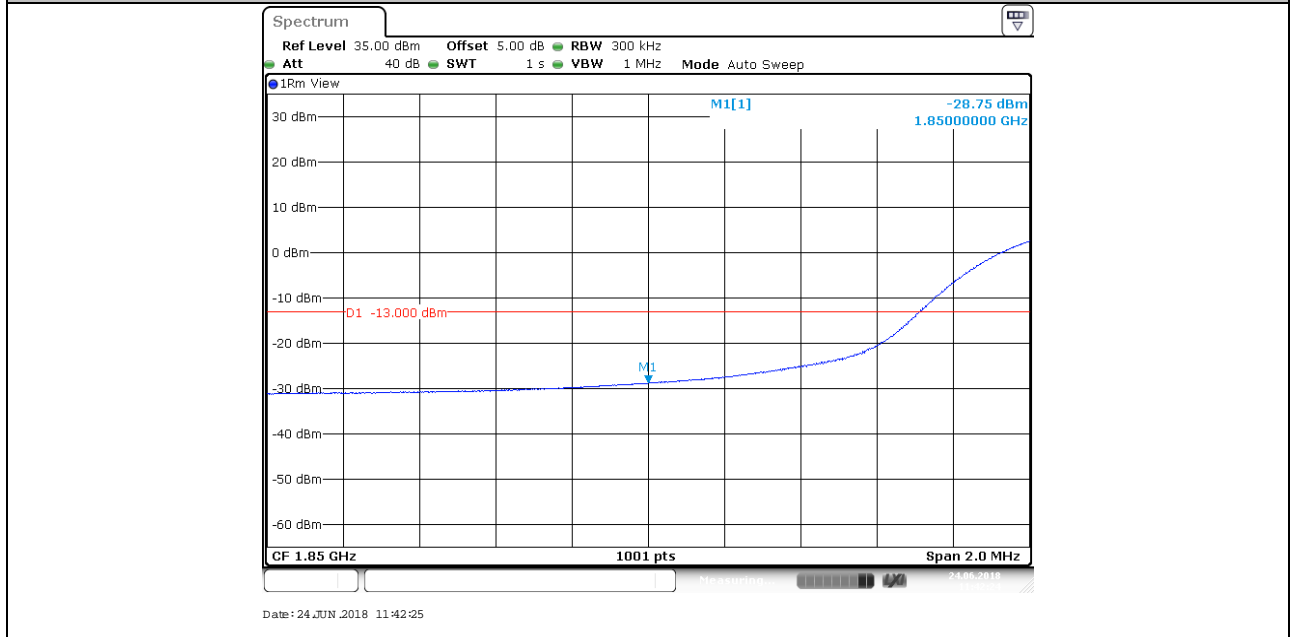
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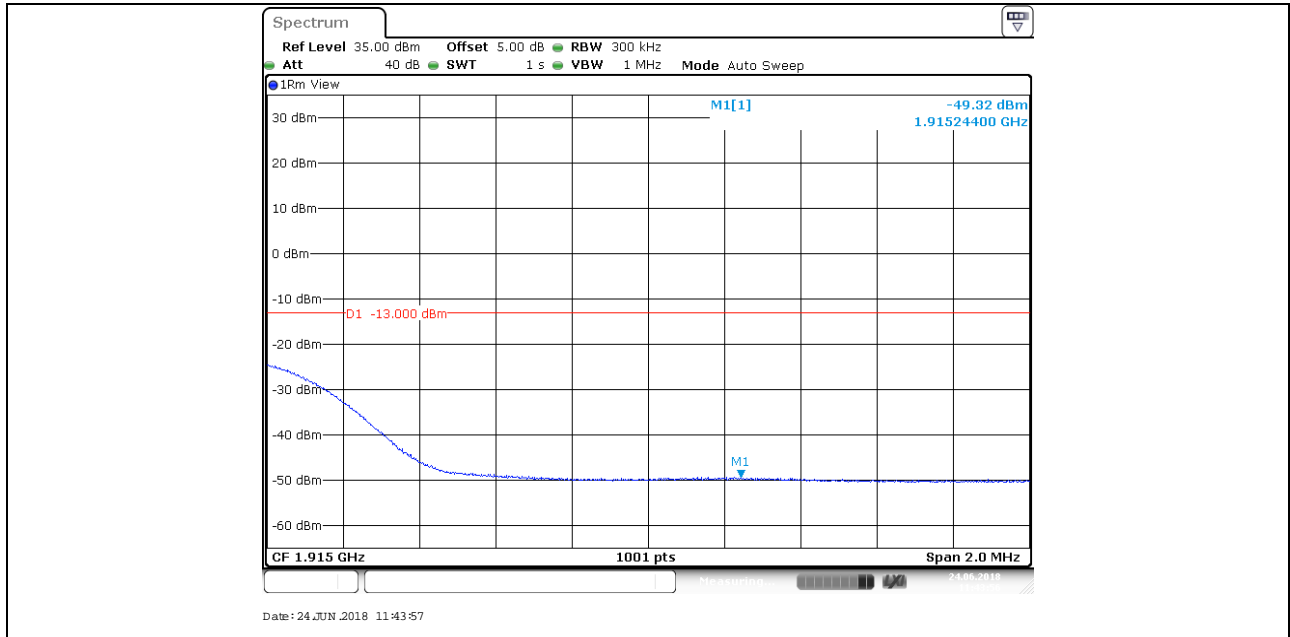
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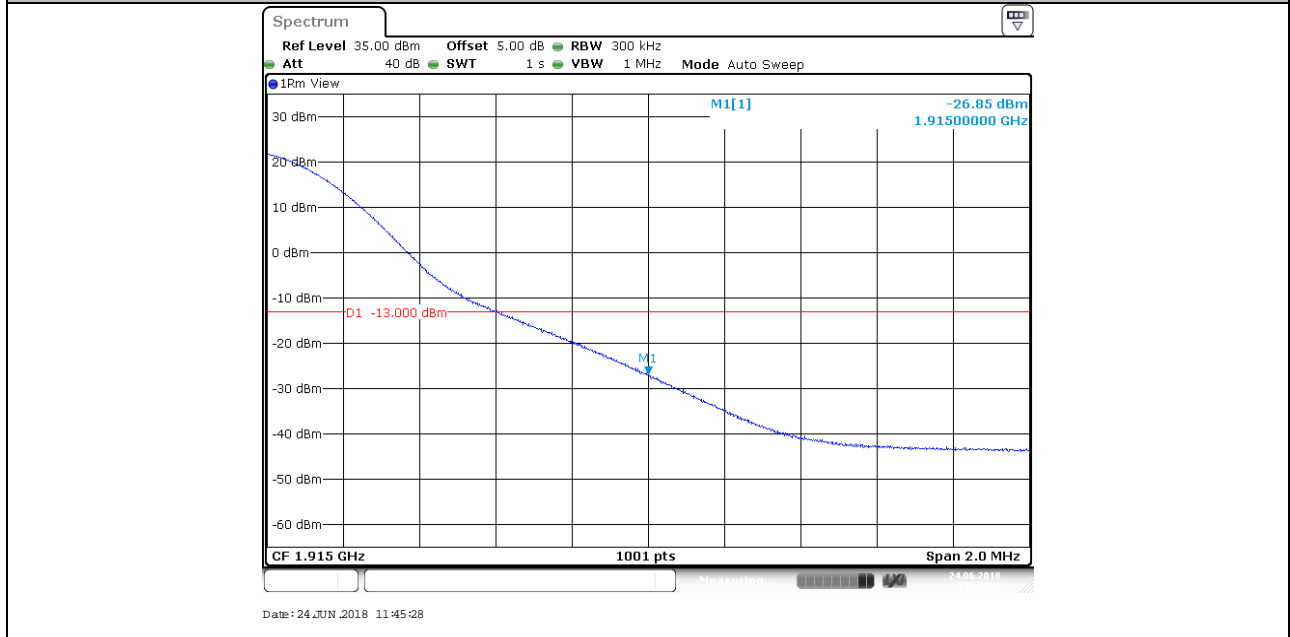
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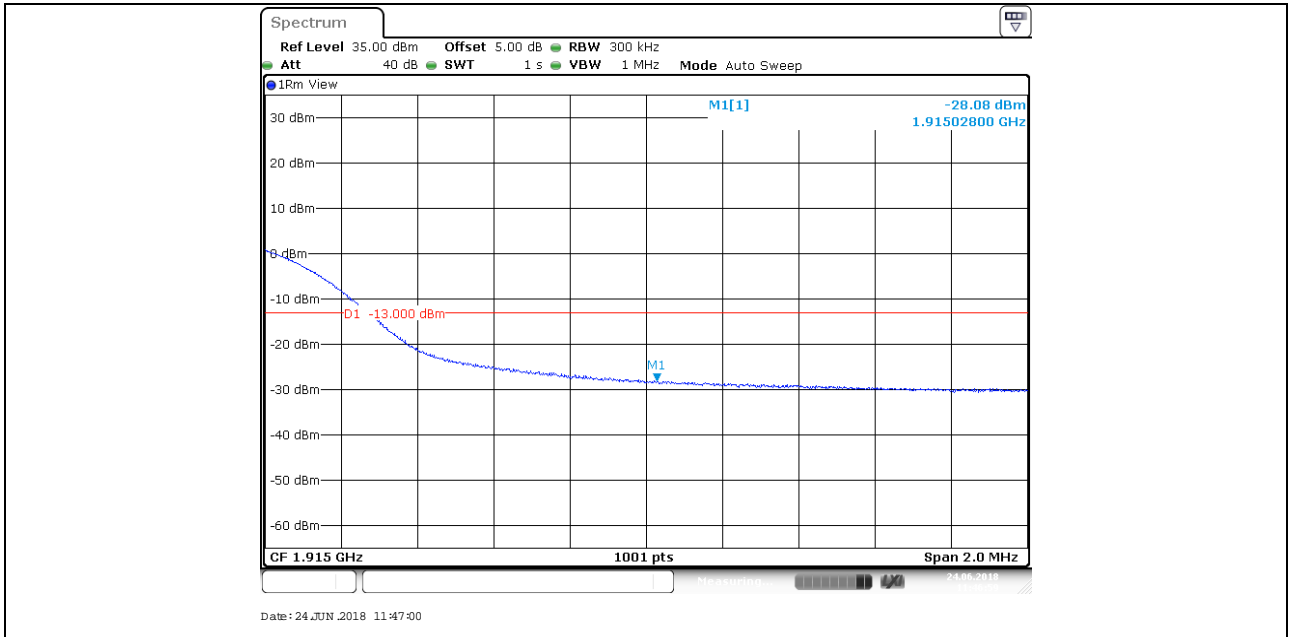
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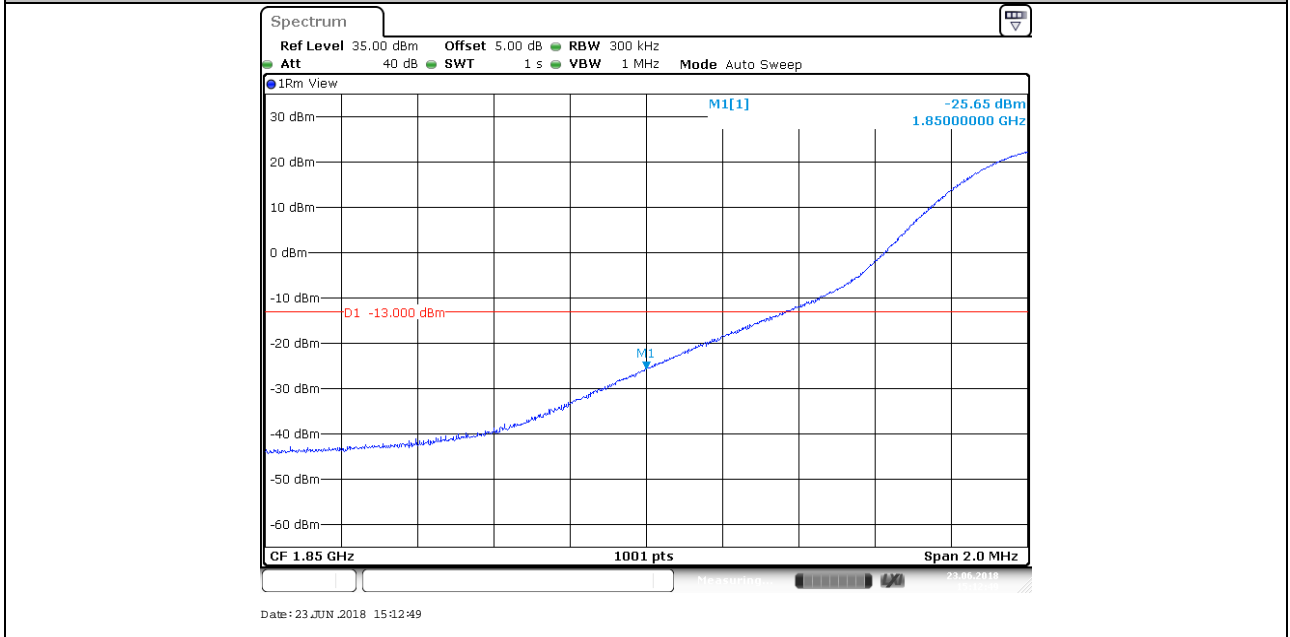
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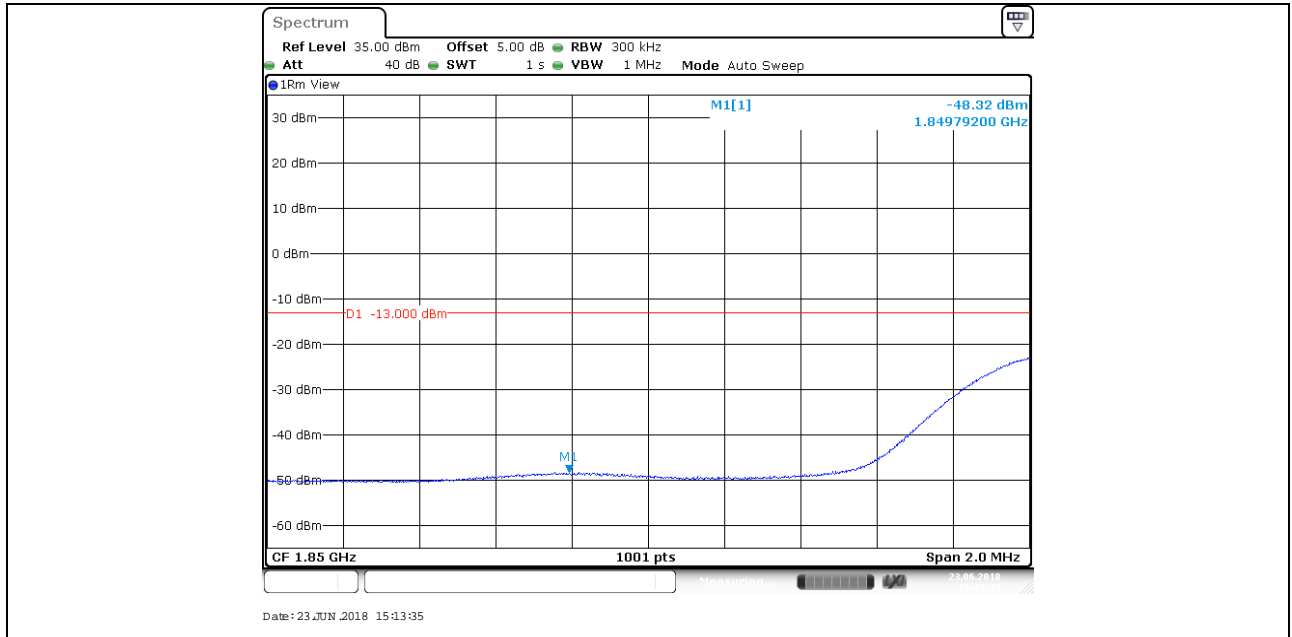
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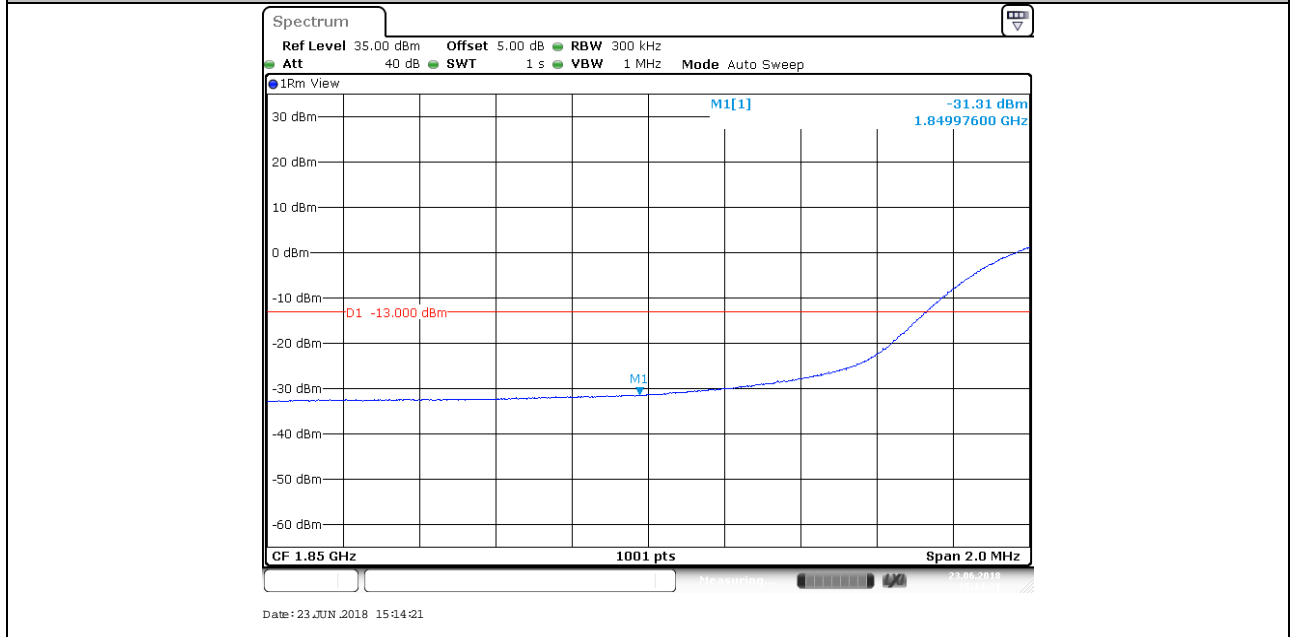
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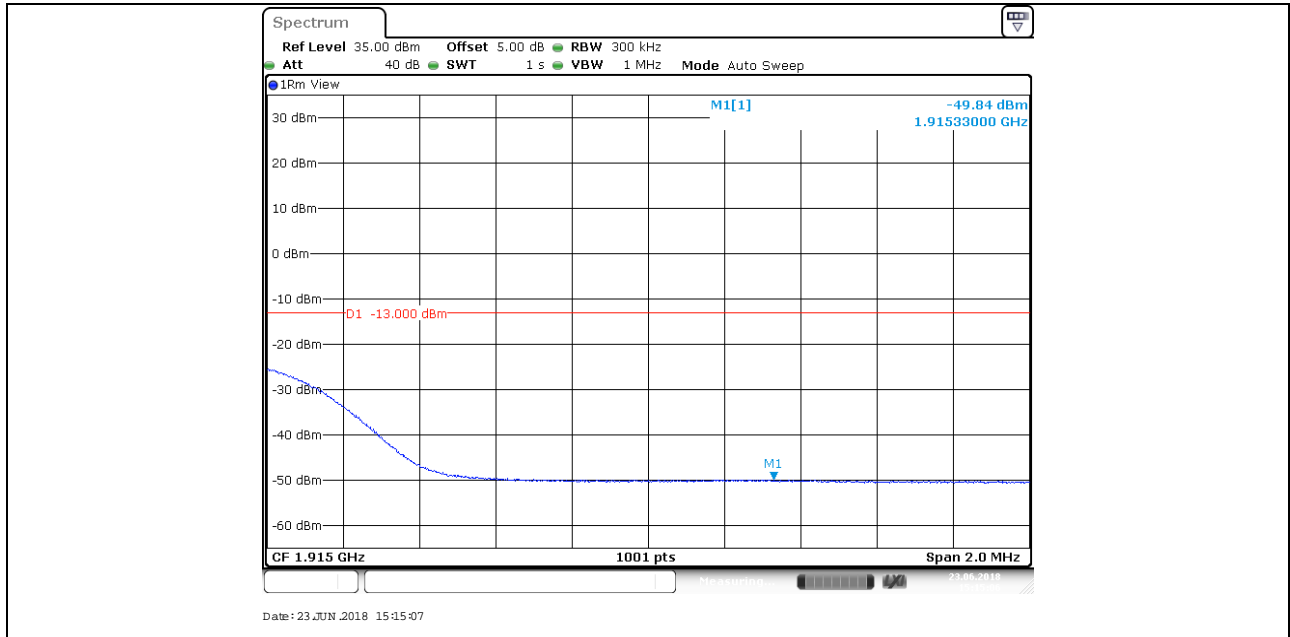
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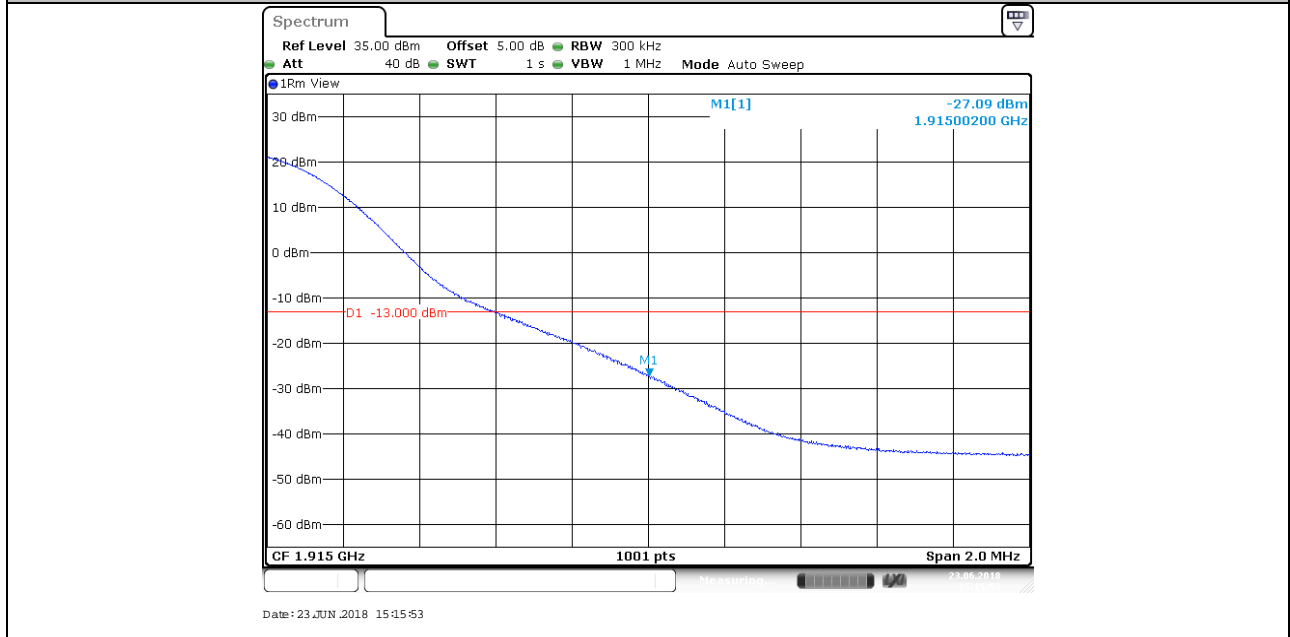
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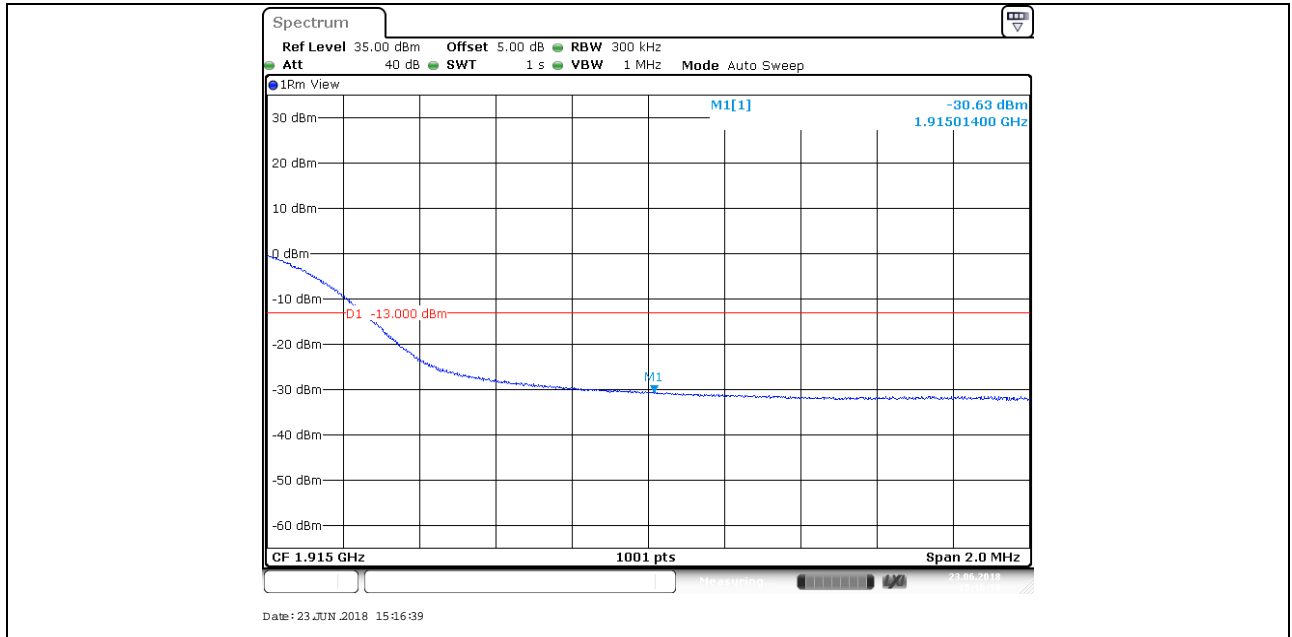
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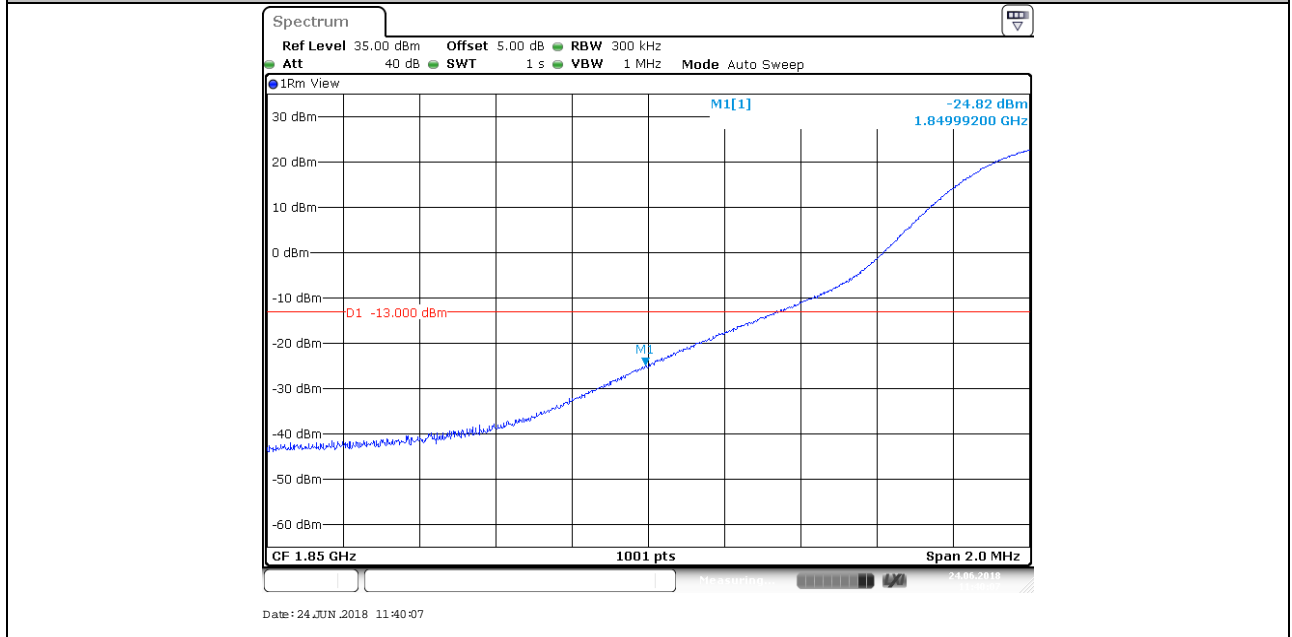
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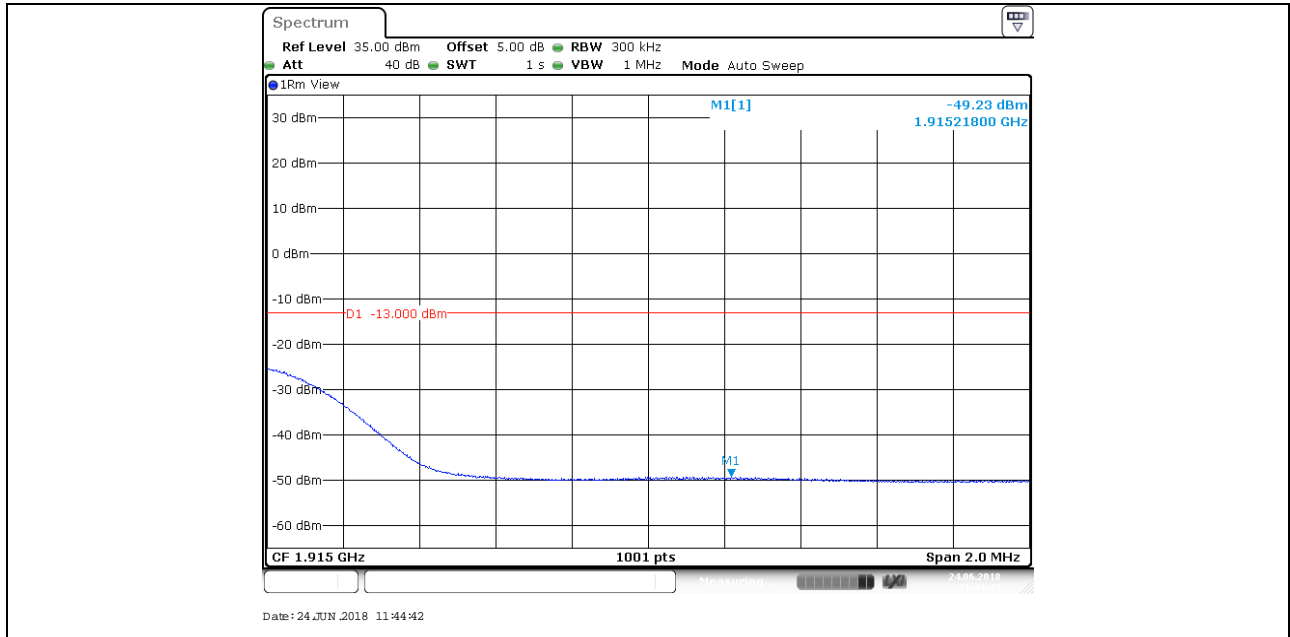
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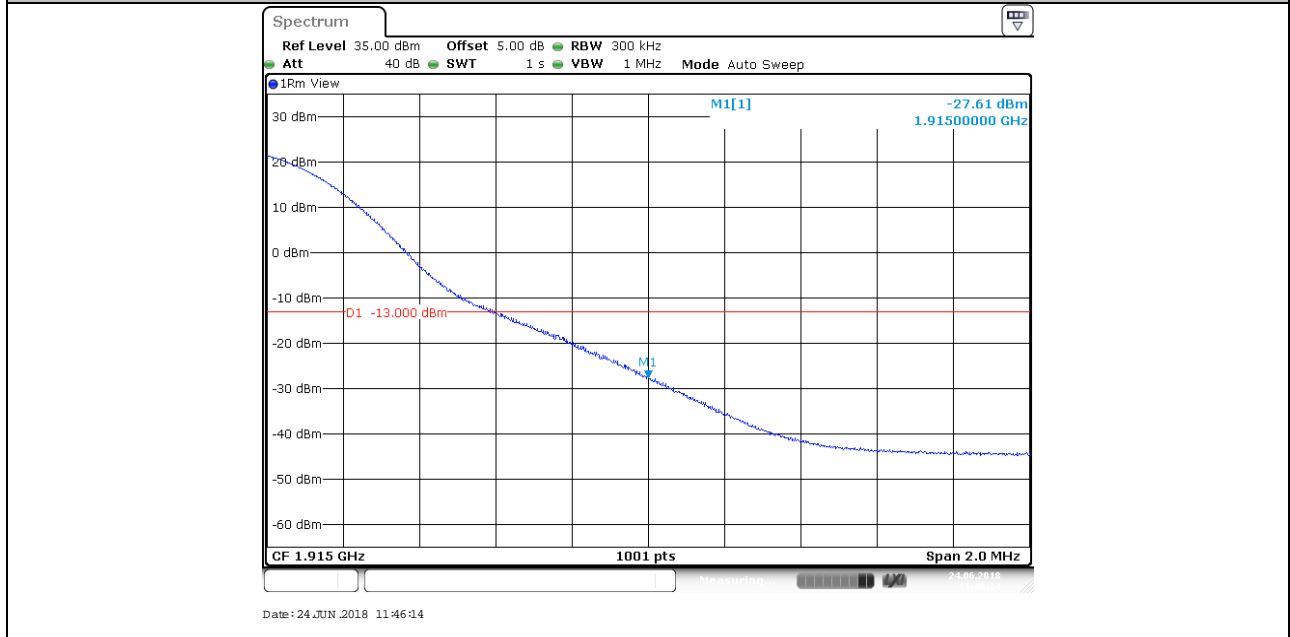
BAND 25\_20MHz\_16QAM\_26140\_1RB#99







BAND 25\_20MHz\_16QAM\_26590\_1RB#99



BAND 25\_20MHz\_16QAM\_26590\_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

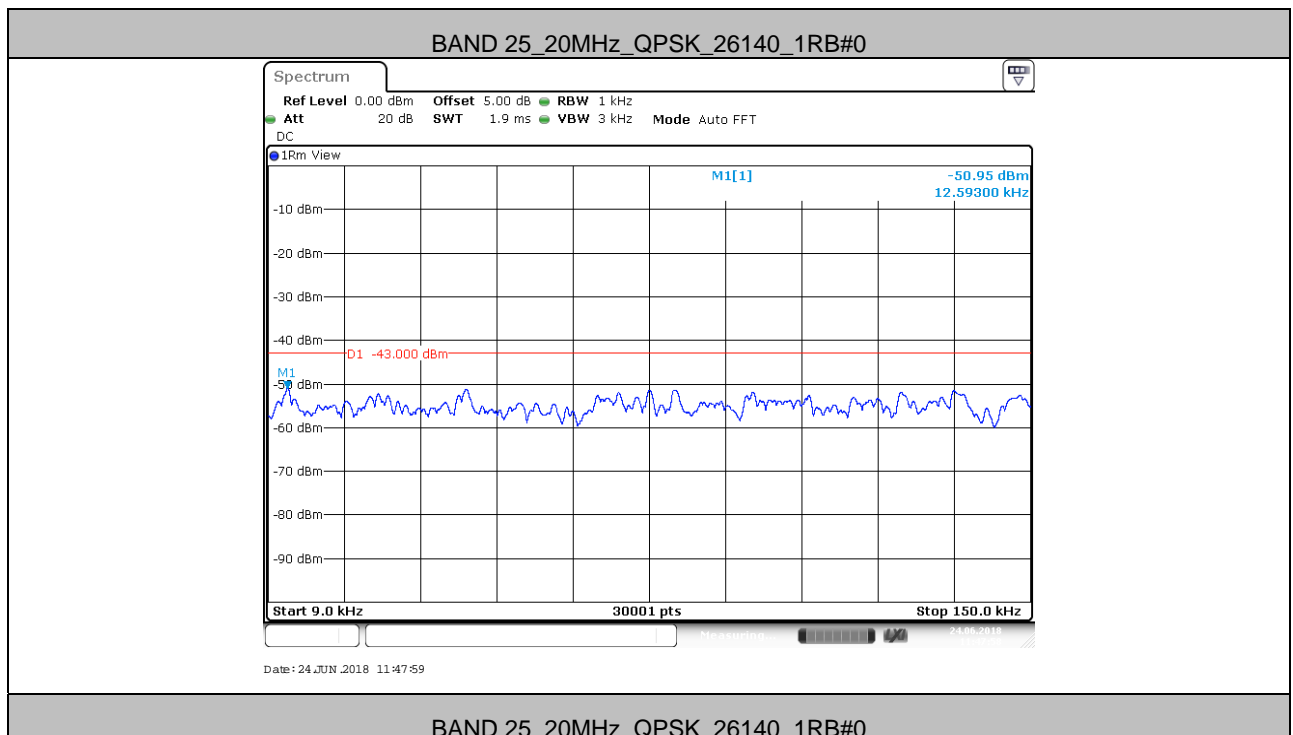
BAND	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
BAND 25	20MHz	QPSK	26140	1RB#0	Range1:0.009~0.15MHz	-50.95	PASS
BAND 25	20MHz	QPSK	26140	1RB#0	Range2:0.15~30MHz	-53.56	PASS
BAND 25	20MHz	QPSK	26140	1RB#0	Range3:30~1000MHz	-44.51	PASS
BAND 25	20MHz	QPSK	26140	1RB#0	Range4:1000~5000MHz	-43.06	PASS
BAND 25	20MHz	QPSK	26140	1RB#0	Range5:5000~12000MHz	-49.33	PASS
BAND 25	20MHz	QPSK	26140	1RB#0	Range6:12000~18000MHz	-49.4	PASS
BAND 25	20MHz	QPSK	26365	1RB#0	Range1:0.009~0.15MHz	-51.62	PASS
BAND 25	20MHz	QPSK	26365	1RB#0	Range2:0.15~30MHz	-53.89	PASS
BAND 25	20MHz	QPSK	26365	1RB#0	Range3:30~1000MHz	-42.91	PASS
BAND 25	20MHz	QPSK	26365	1RB#0	Range4:1000~5000MHz	-42.04	PASS
BAND 25	20MHz	QPSK	26365	1RB#0	Range5:5000~12000MHz	-49.56	PASS
BAND 25	20MHz	QPSK	26365	1RB#0	Range6:12000~18000MHz	-49.38	PASS
BAND 25	20MHz	QPSK	26590	1RB#0	Range1:0.009~0.15MHz	-52.26	PASS
BAND 25	20MHz	QPSK	26590	1RB#0	Range2:0.15~30MHz	-53	PASS
BAND 25	20MHz	QPSK	26590	1RB#0	Range3:30~1000MHz	-44.42	PASS
BAND 25	20MHz	QPSK	26590	1RB#0	Range4:1000~5000MHz	-40.08	PASS
BAND 25	20MHz	QPSK	26590	1RB#0	Range5:5000~12000MHz	-49.38	PASS
BAND 25	20MHz	QPSK	26590	1RB#0	Range6:12000~18000MHz	-49.34	PASS
BAND 25	20MHz	64QAM	26140	1RB#0	Range1:0.009~0.15MHz	-48	PASS
BAND 25	20MHz	64QAM	26140	1RB#0	Range2:0.15~30MHz	-53.93	PASS
BAND 25	20MHz	64QAM	26140	1RB#0	Range3:30~1000MHz	-43.45	PASS
BAND 25	20MHz	64QAM	26140	1RB#0	Range4:1000~5000MHz	-44.43	PASS
BAND 25	20MHz	64QAM	26140	1RB#0	Range5:5000~12000MHz	-49.68	PASS
BAND 25	20MHz	64QAM	26140	1RB#0	Range6:12000~18000MHz	-49.61	PASS
BAND 25	20MHz	64QAM	26365	1RB#0	Range1:0.009~0.15MHz	-48.74	PASS
BAND 25	20MHz	64QAM	26365	1RB#0	Range2:0.15~30MHz	-53.69	PASS
BAND 25	20MHz	64QAM	26365	1RB#0	Range3:30~1000MHz	-43.98	PASS
BAND 25	20MHz	64QAM	26365	1RB#0	Range4:1000~5000MHz	-43.36	PASS
BAND 25	20MHz	64QAM	26365	1RB#0	Range5:5000~12000MHz	-49.38	PASS
BAND 25	20MHz	64QAM	26365	1RB#0	Range6:12000~18000MHz	-49.6	PASS
BAND 25	20MHz	64QAM	26590	1RB#0	Range1:0.009~0.15MHz	-50.38	PASS
BAND 25	20MHz	64QAM	26590	1RB#0	Range2:0.15~30MHz	-53.22	PASS
BAND 25	20MHz	64QAM	26590	1RB#0	Range3:30~1000MHz	-42.94	PASS

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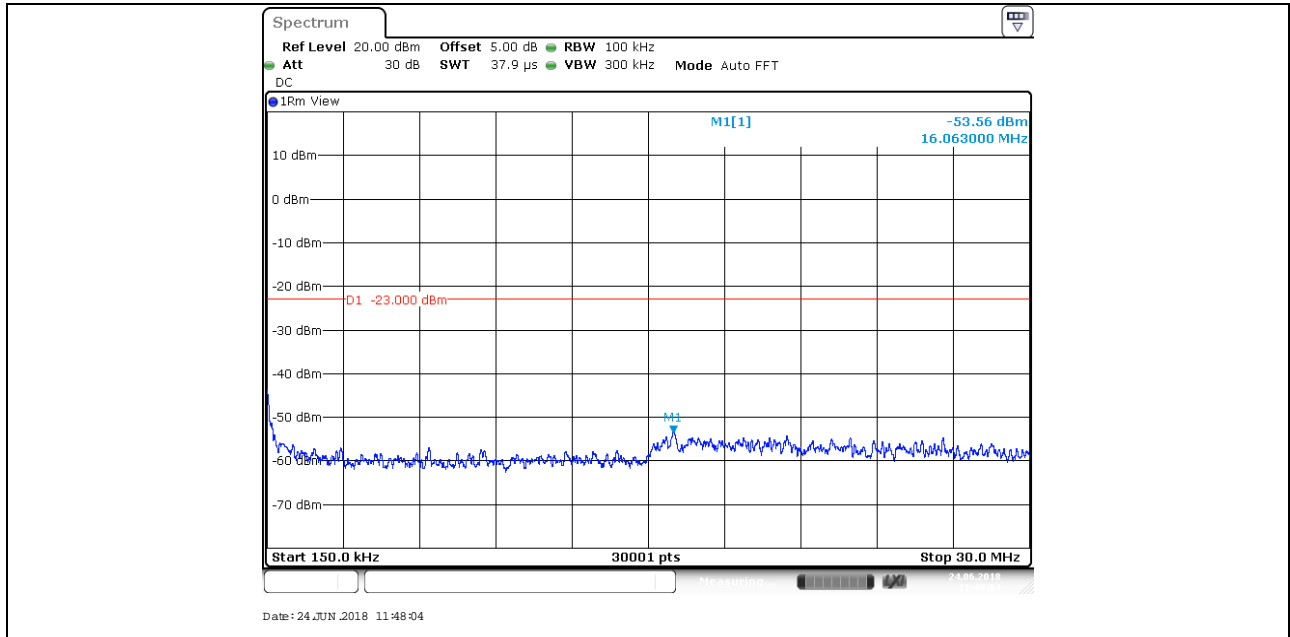


BAND 25	20MHz	64QAM	26590	1RB#0	Range4:1000~5000MHz	-41.56	PASS
BAND 25	20MHz	64QAM	26590	1RB#0	Range5:5000~12000MHz	-49.55	PASS
BAND 25	20MHz	64QAM	26590	1RB#0	Range6:12000~18000MHz	-49.64	PASS
BAND 25	20MHz	16QAM	26140	1RB#0	Range1:0.009~0.15MHz	-48.55	PASS
BAND 25	20MHz	16QAM	26140	1RB#0	Range2:0.15~30MHz	-53.16	PASS
BAND 25	20MHz	16QAM	26140	1RB#0	Range3:30~1000MHz	-43.24	PASS
BAND 25	20MHz	16QAM	26140	1RB#0	Range4:1000~5000MHz	-42.9	PASS
BAND 25	20MHz	16QAM	26140	1RB#0	Range5:5000~12000MHz	-49.39	PASS
BAND 25	20MHz	16QAM	26140	1RB#0	Range6:12000~18000MHz	-49.47	PASS
BAND 25	20MHz	16QAM	26365	1RB#0	Range1:0.009~0.15MHz	-49.61	PASS
BAND 25	20MHz	16QAM	26365	1RB#0	Range2:0.15~30MHz	-53.85	PASS
BAND 25	20MHz	16QAM	26365	1RB#0	Range3:30~1000MHz	-42.95	PASS
BAND 25	20MHz	16QAM	26365	1RB#0	Range4:1000~5000MHz	-42.97	PASS
BAND 25	20MHz	16QAM	26365	1RB#0	Range5:5000~12000MHz	-49.49	PASS
BAND 25	20MHz	16QAM	26365	1RB#0	Range6:12000~18000MHz	-49.51	PASS
BAND 25	20MHz	16QAM	26590	1RB#0	Range1:0.009~0.15MHz	-51.6	PASS
BAND 25	20MHz	16QAM	26590	1RB#0	Range2:0.15~30MHz	-53.33	PASS
BAND 25	20MHz	16QAM	26590	1RB#0	Range3:30~1000MHz	-44.55	PASS
BAND 25	20MHz	16QAM	26590	1RB#0	Range4:1000~5000MHz	-40.13	PASS
BAND 25	20MHz	16QAM	26590	1RB#0	Range5:5000~12000MHz	-49.56	PASS
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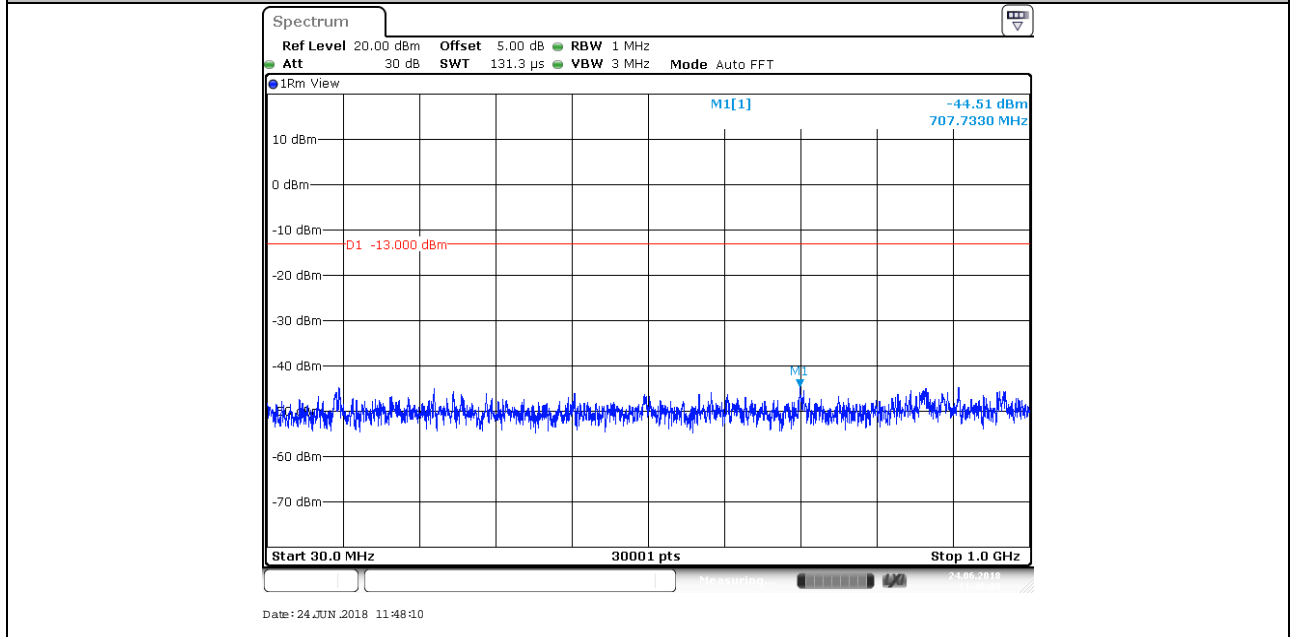
**6.2. Test Plots**



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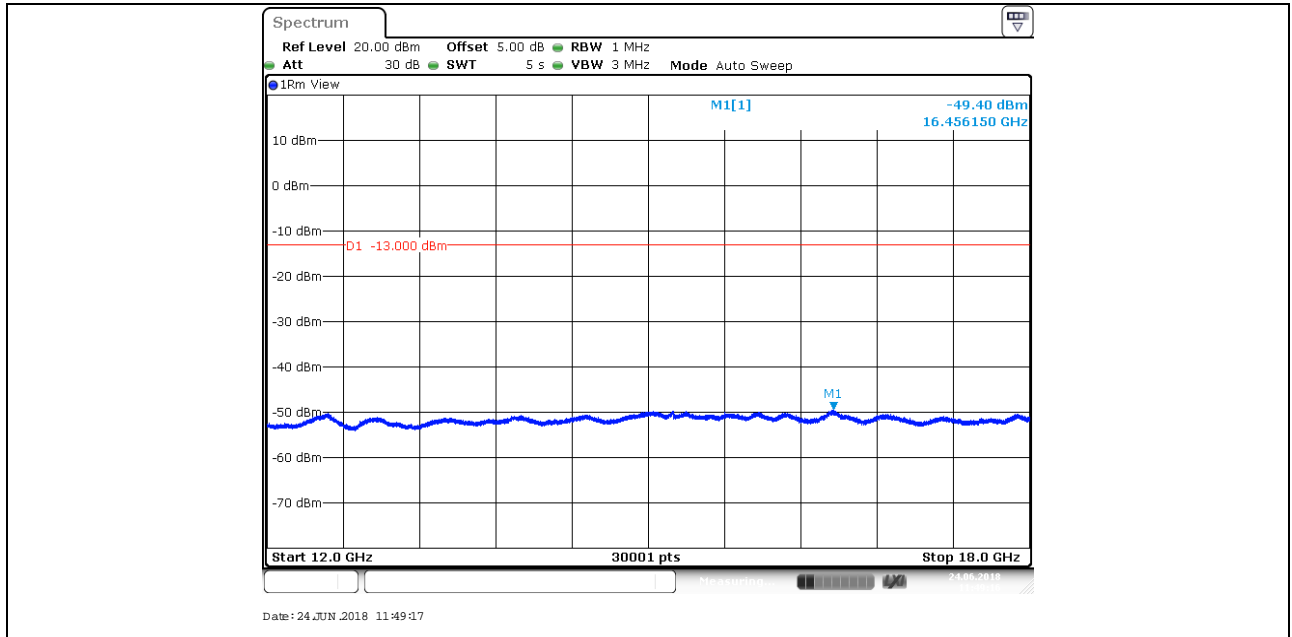


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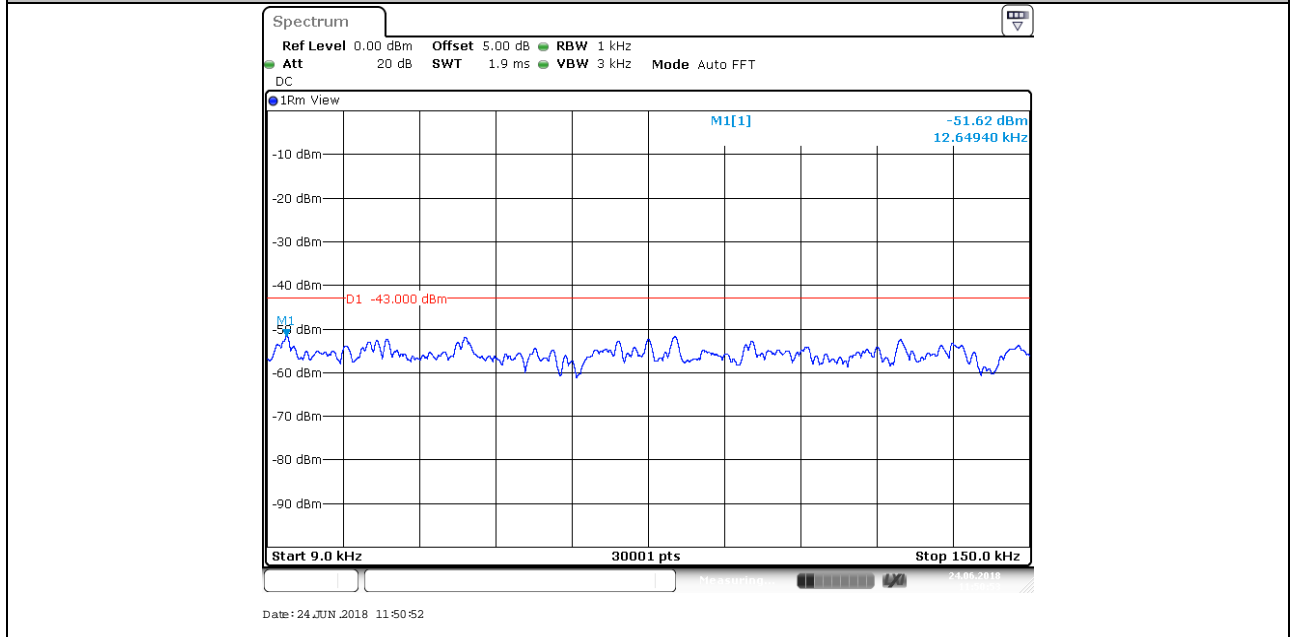


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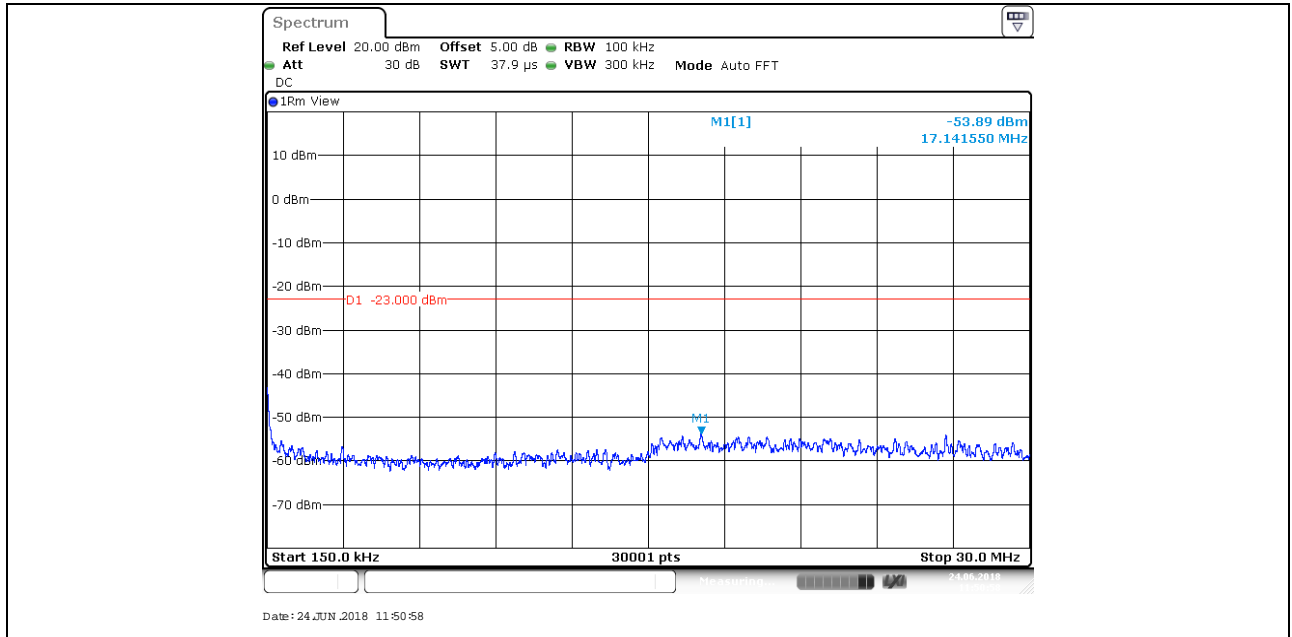




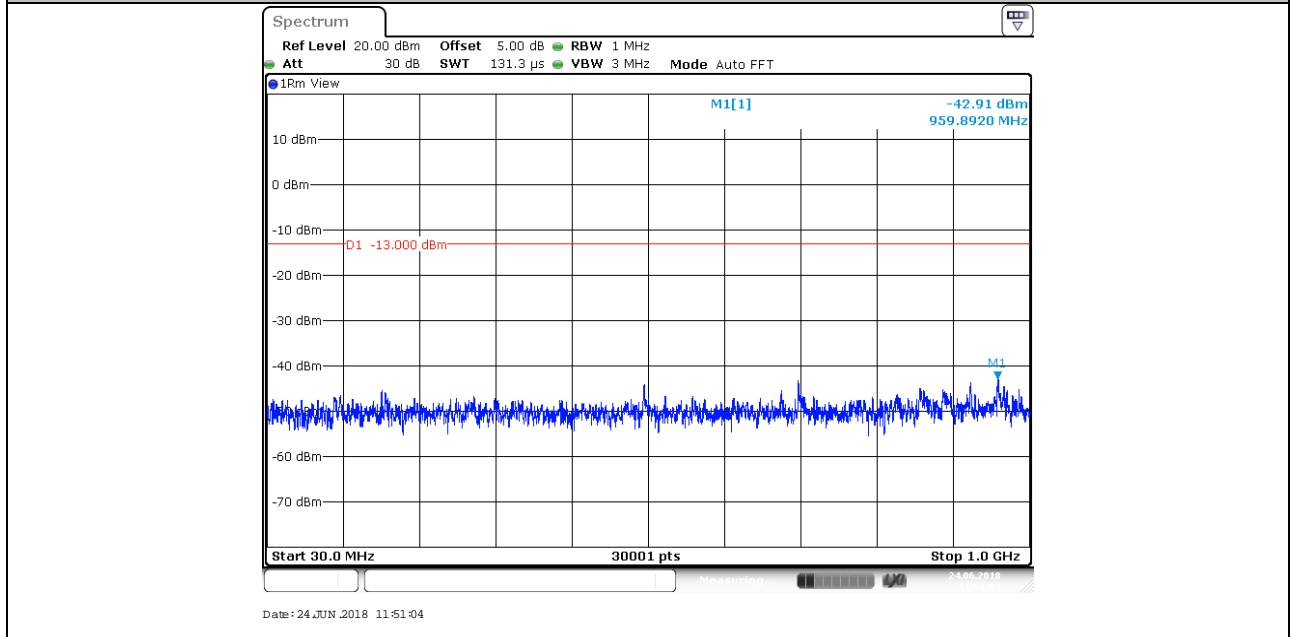
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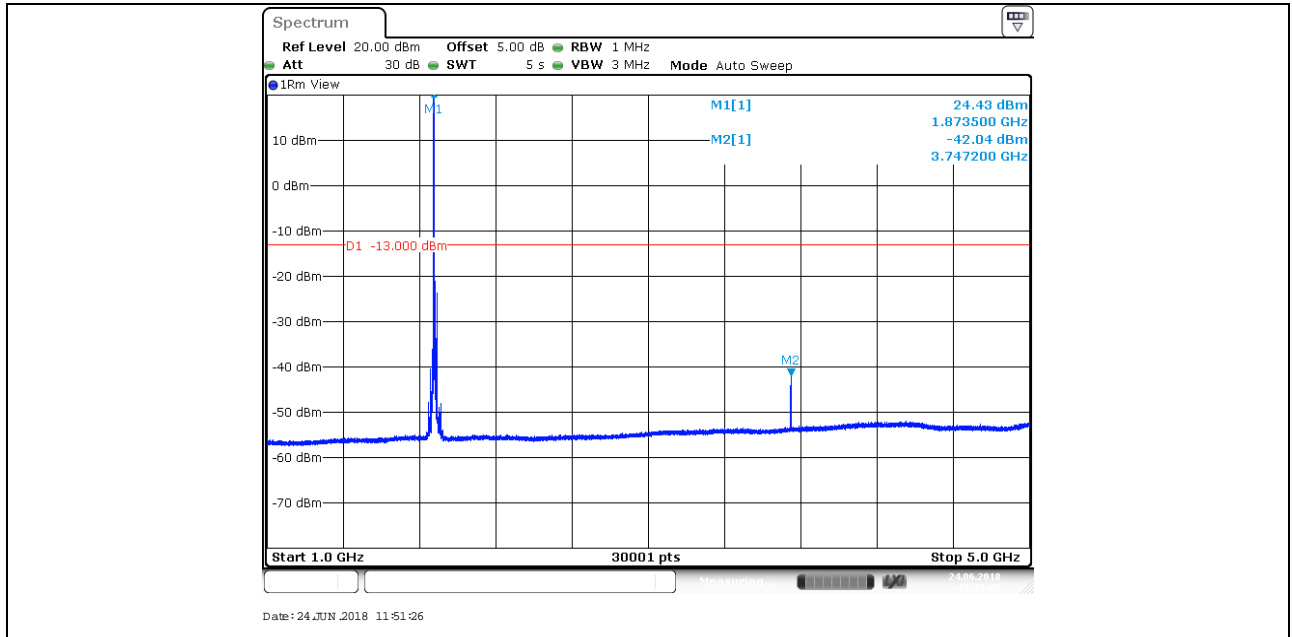


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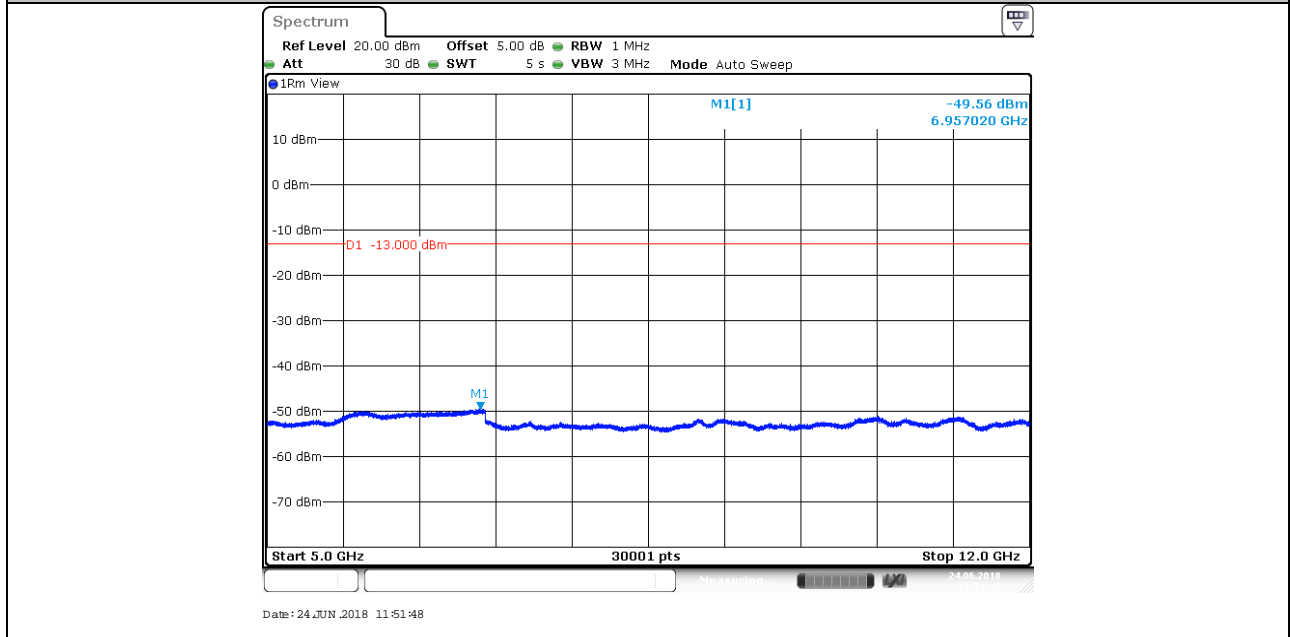


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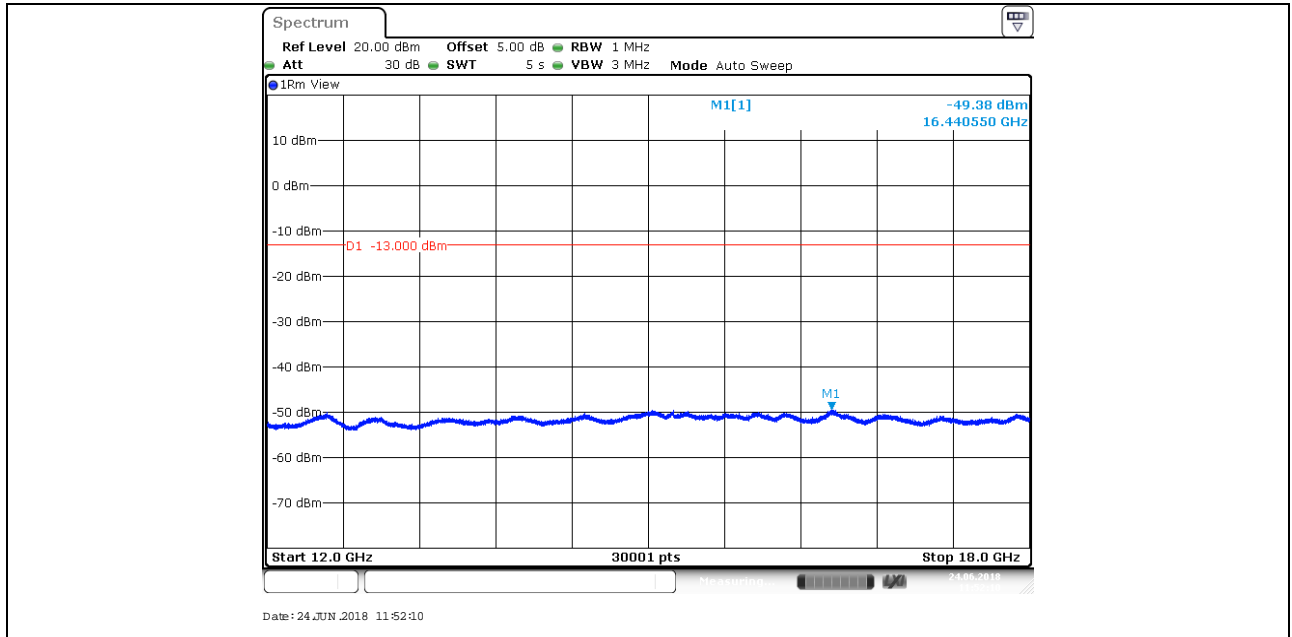




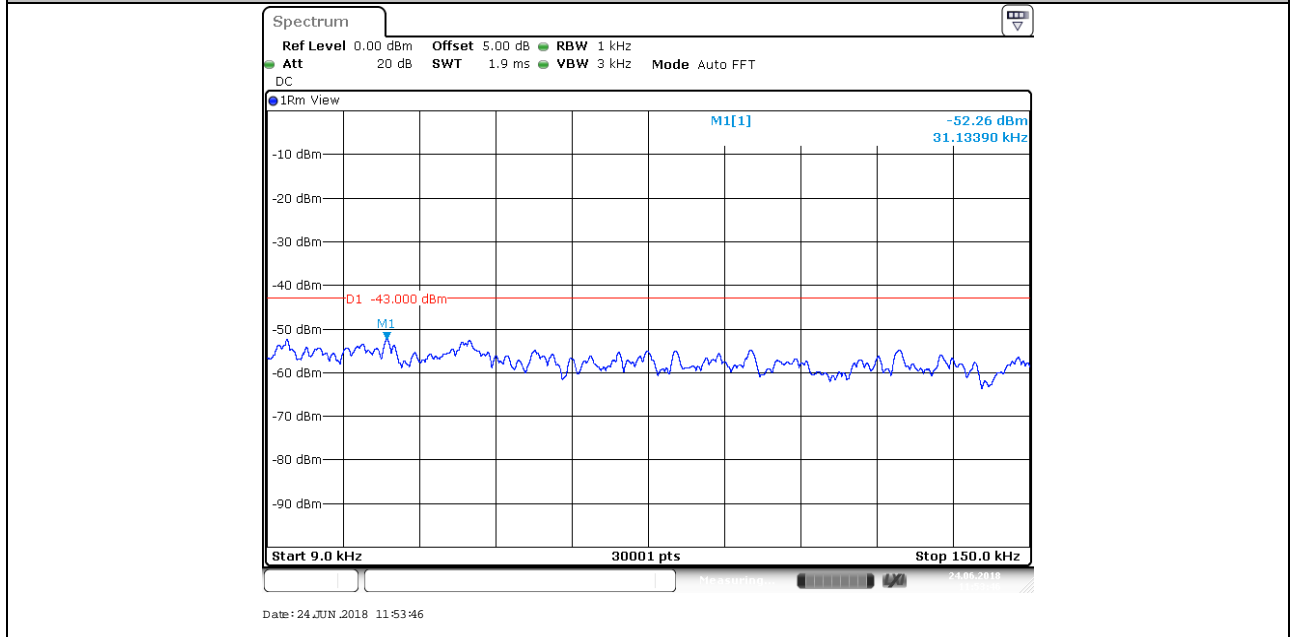
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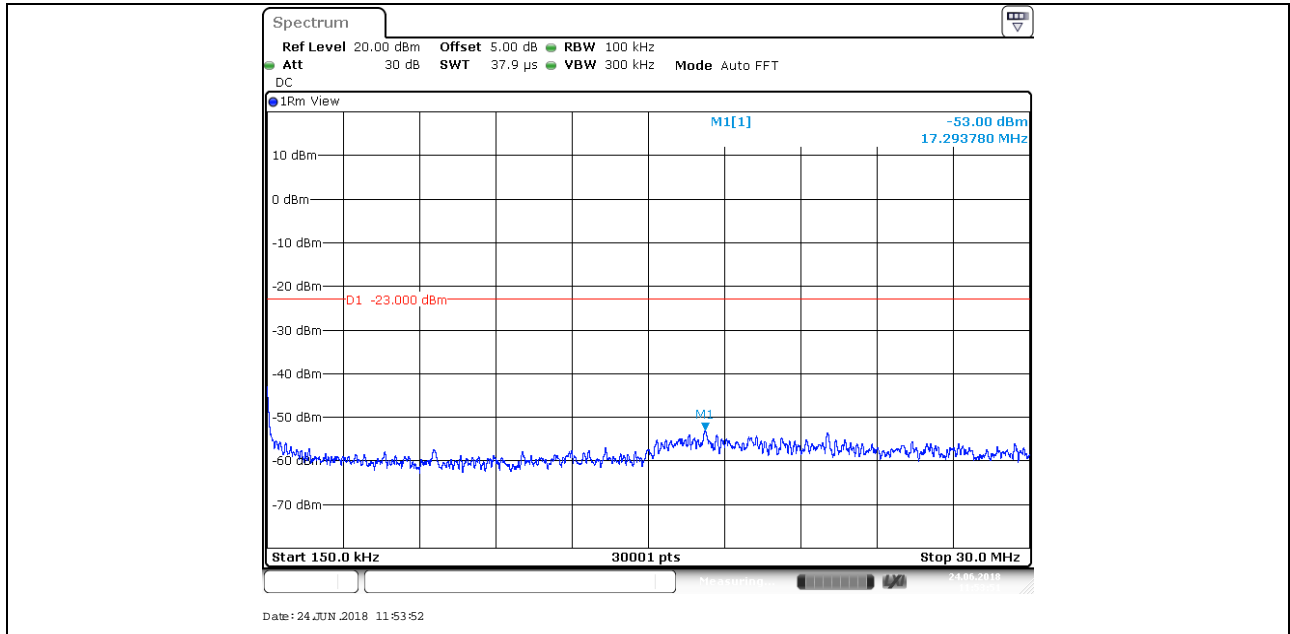
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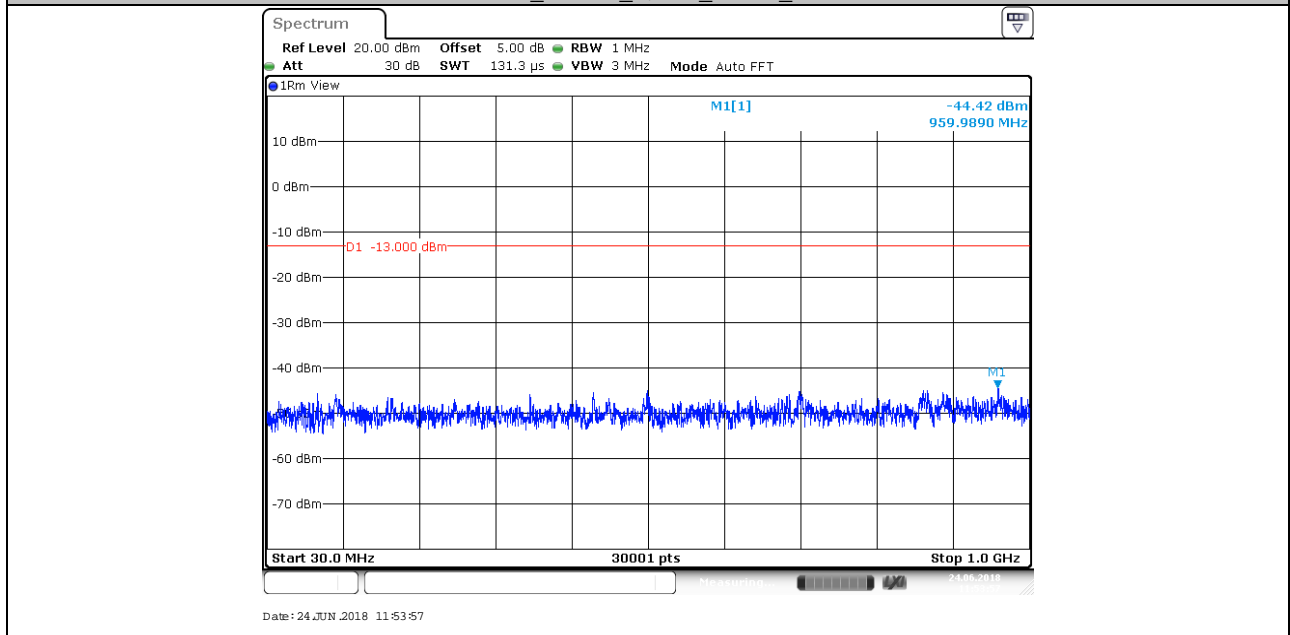
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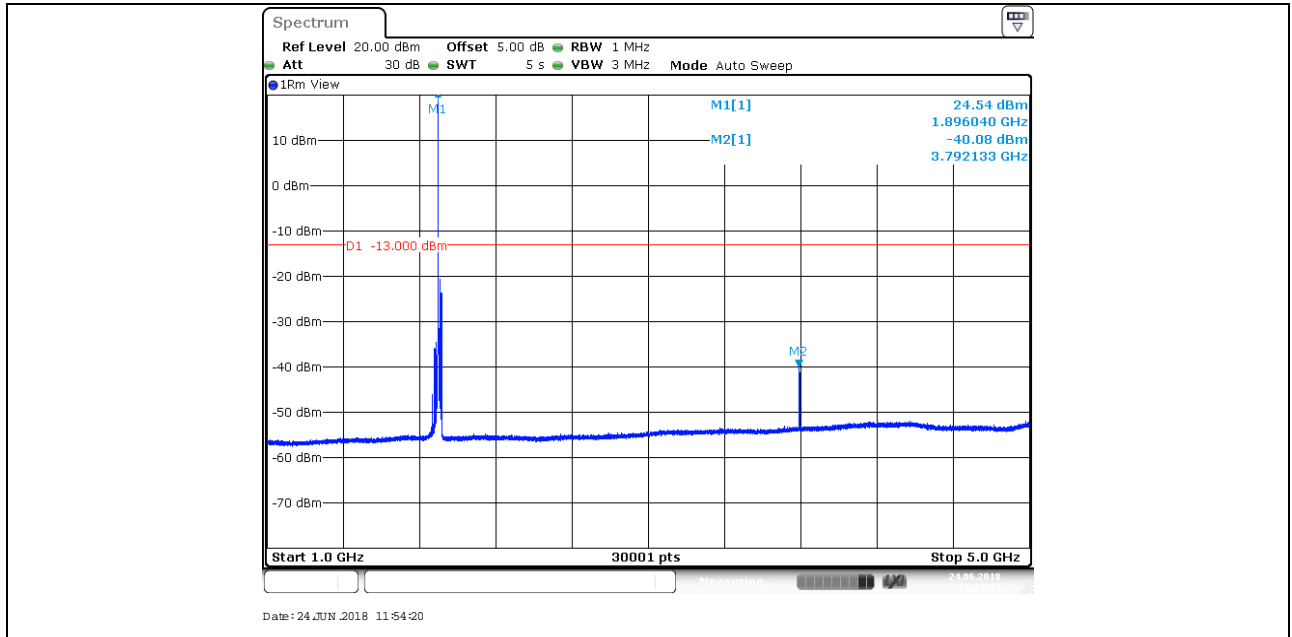
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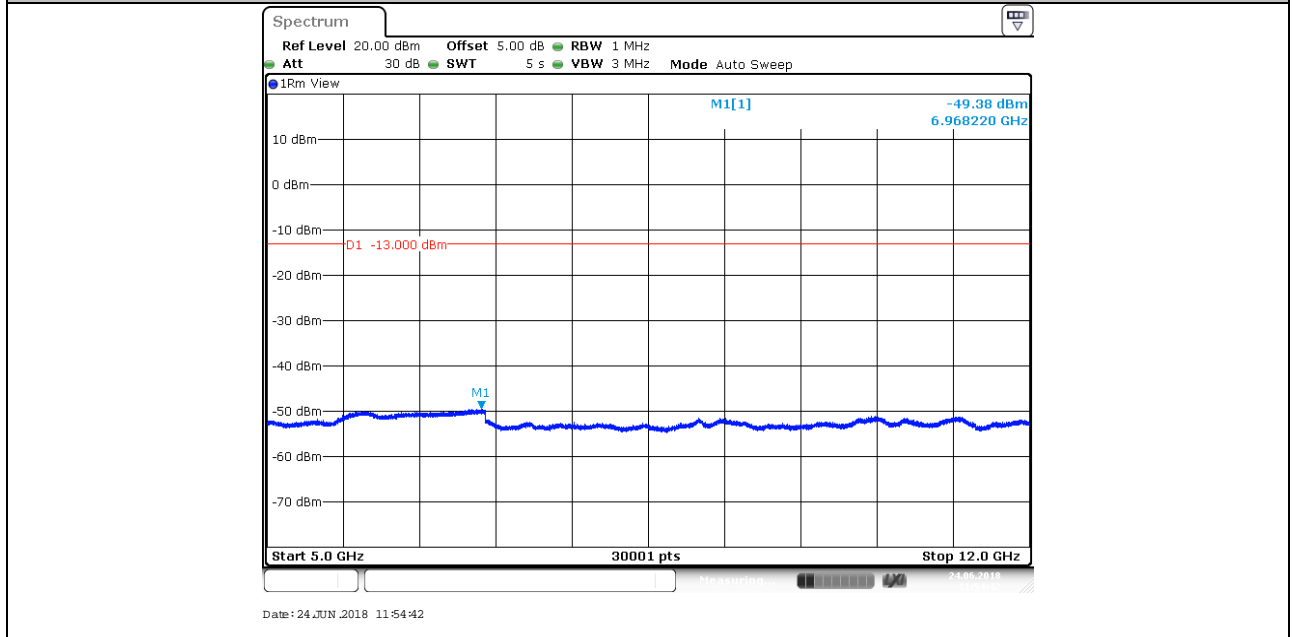
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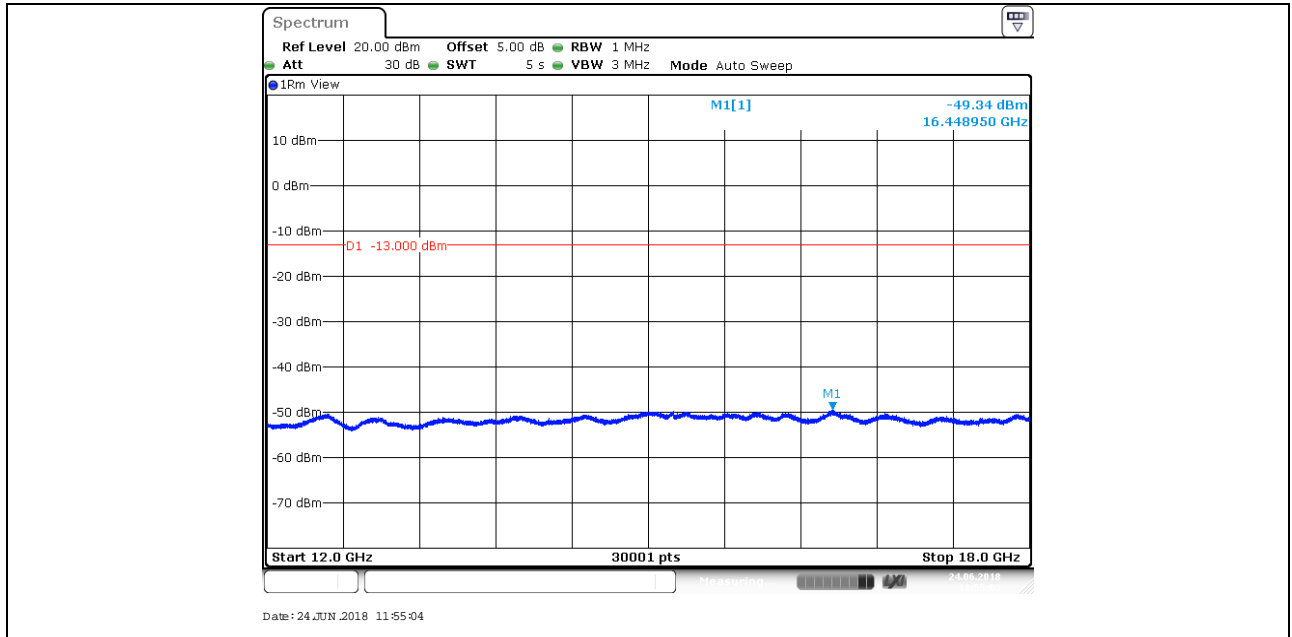
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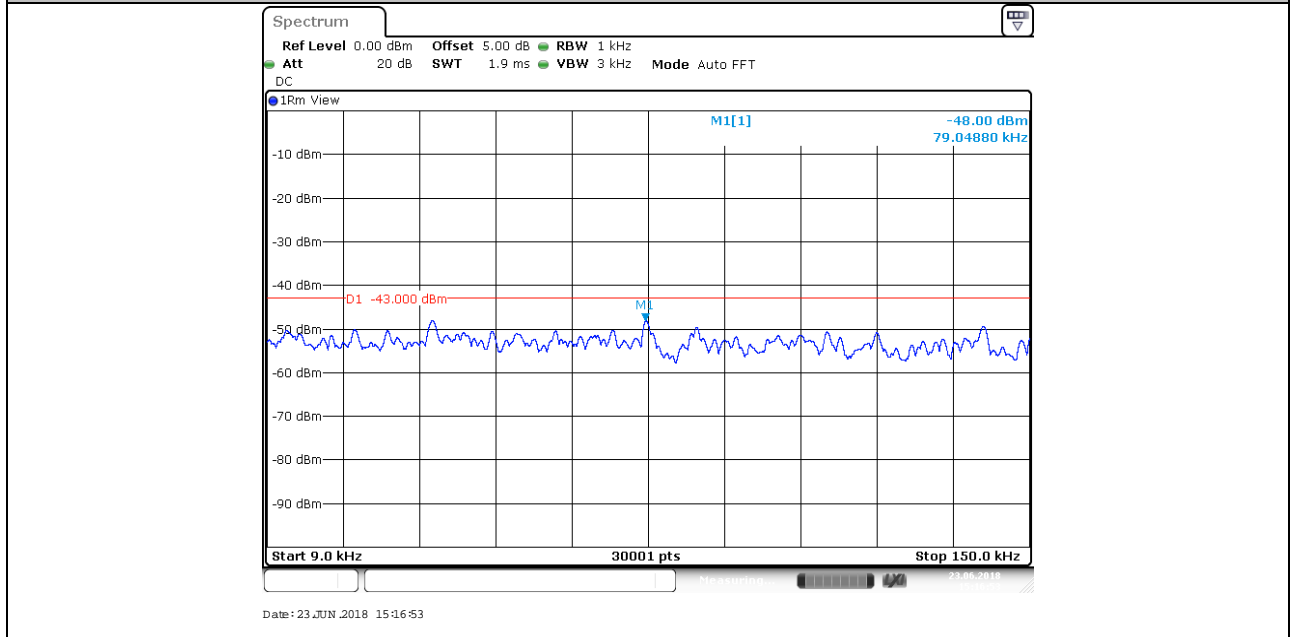
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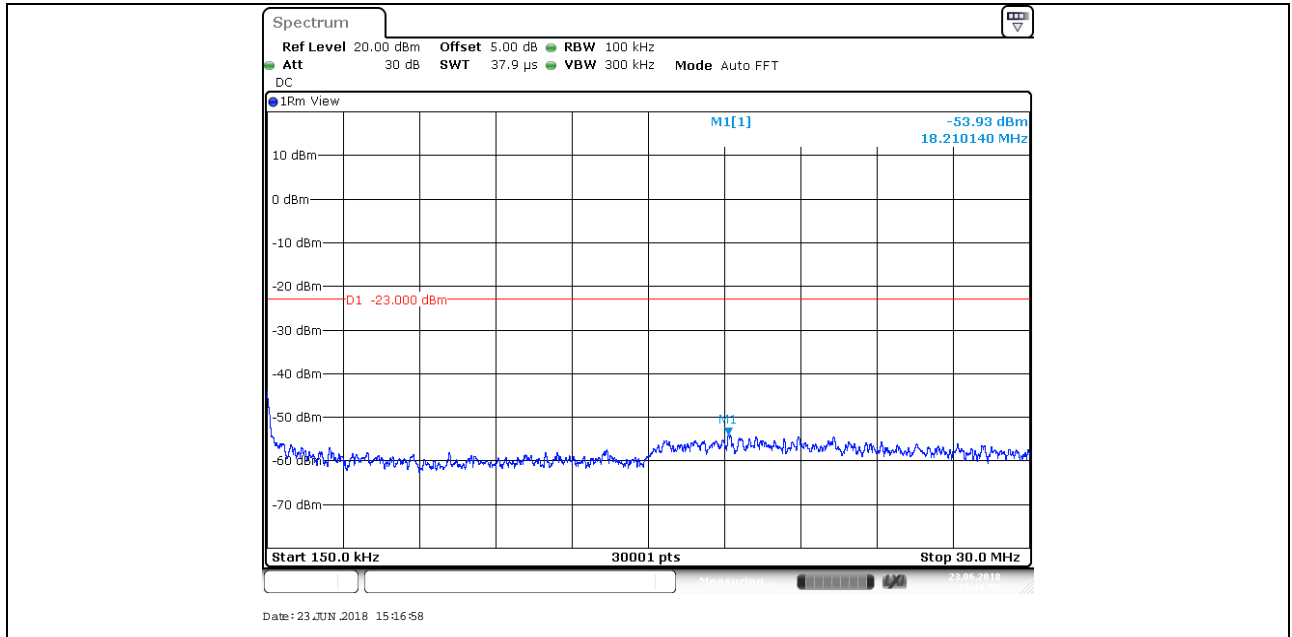
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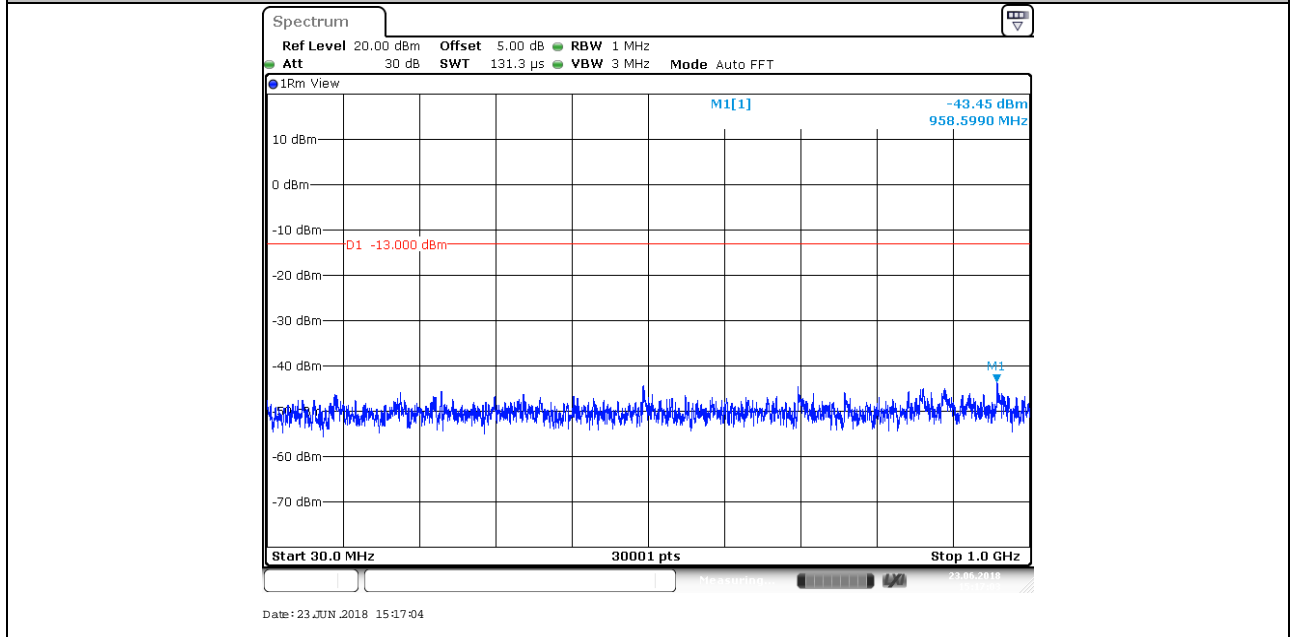
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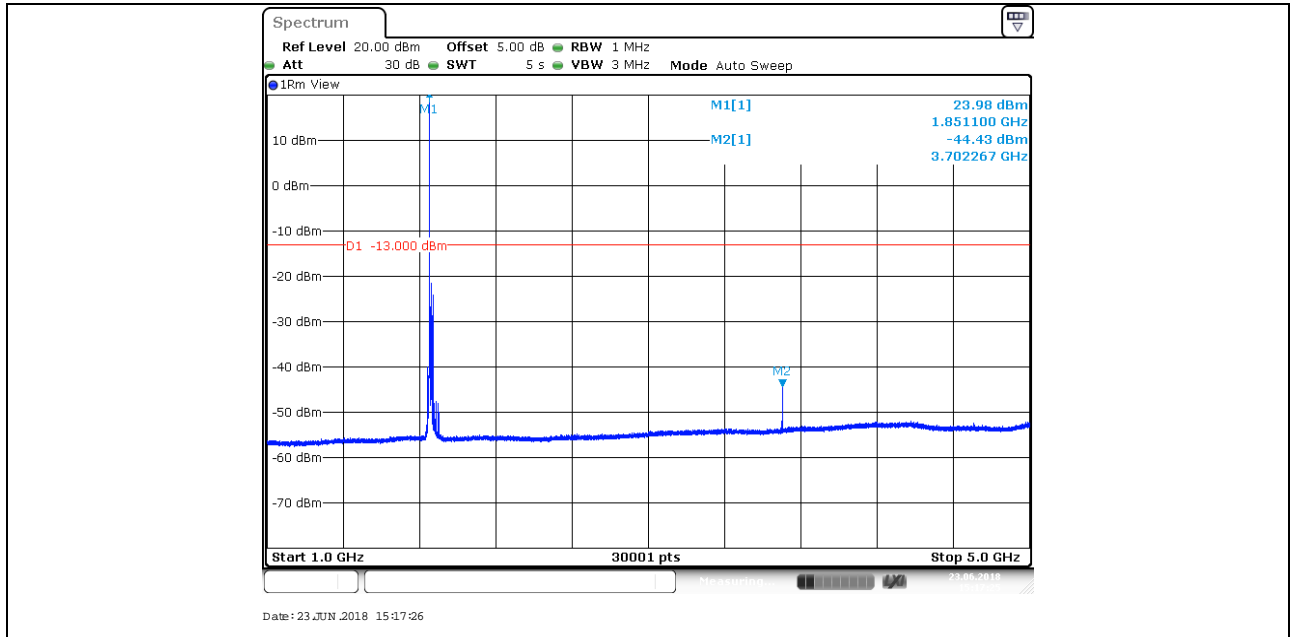
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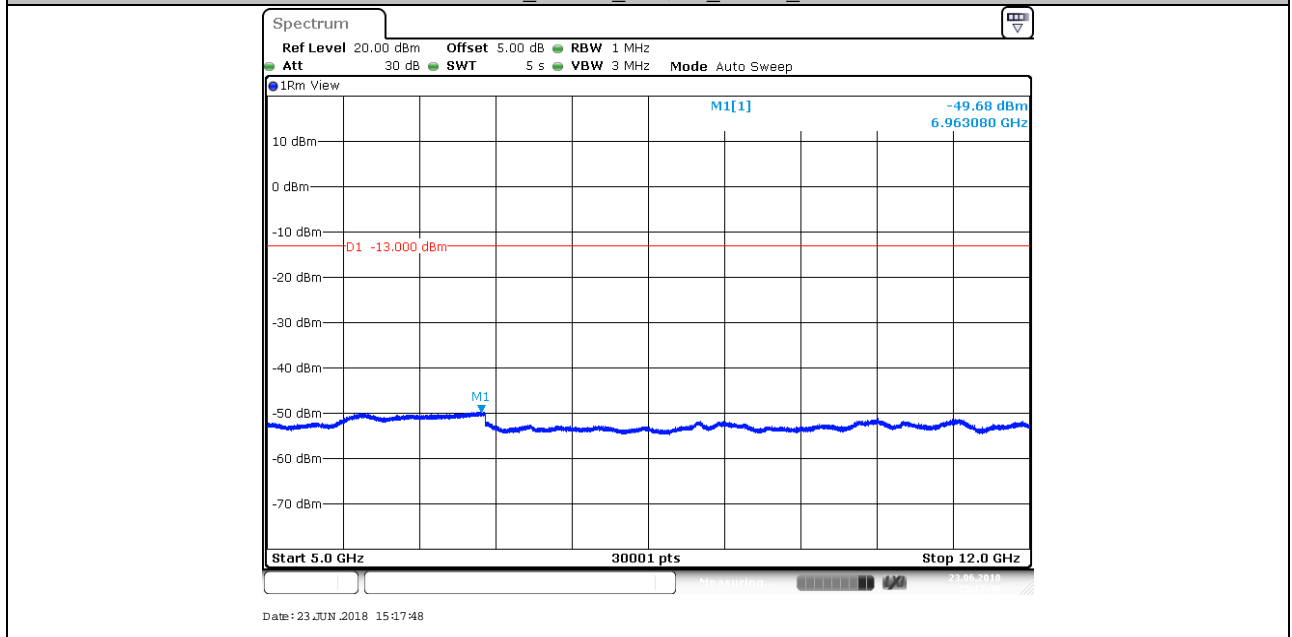
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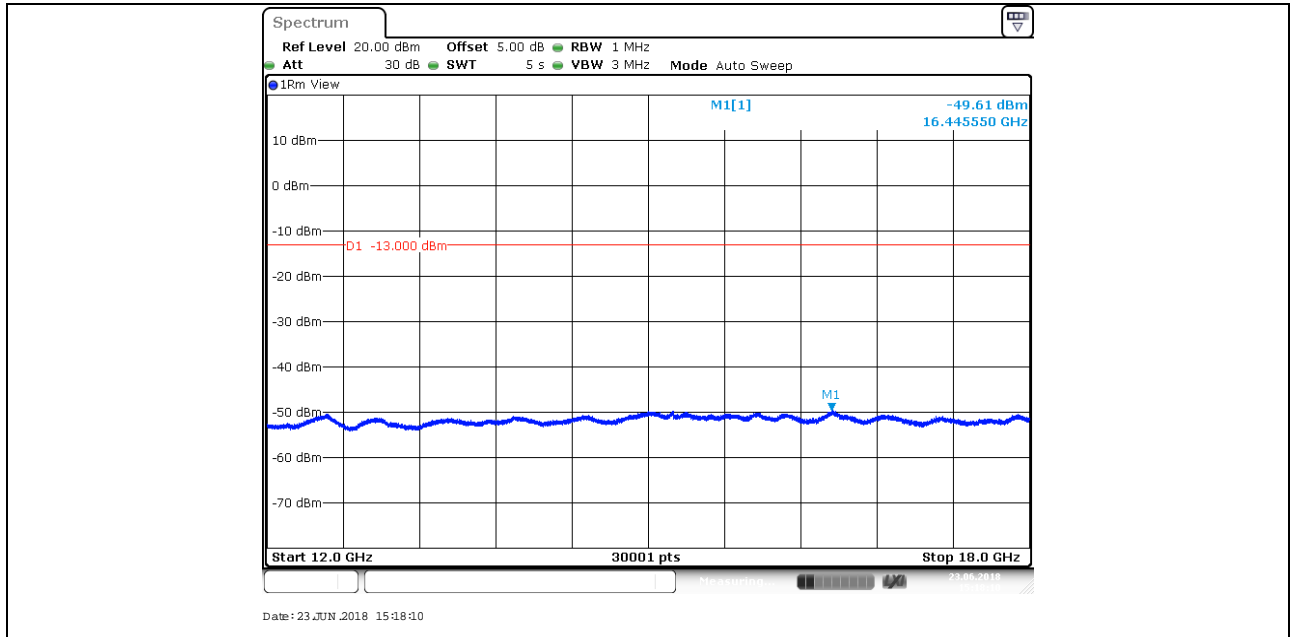
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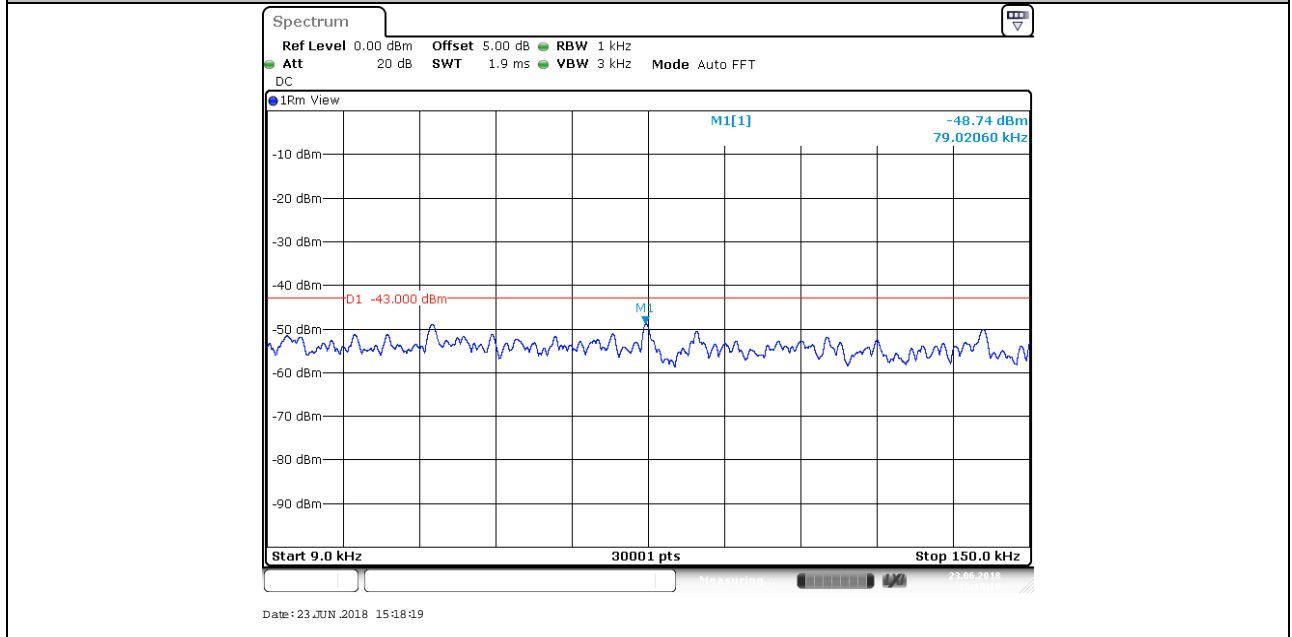
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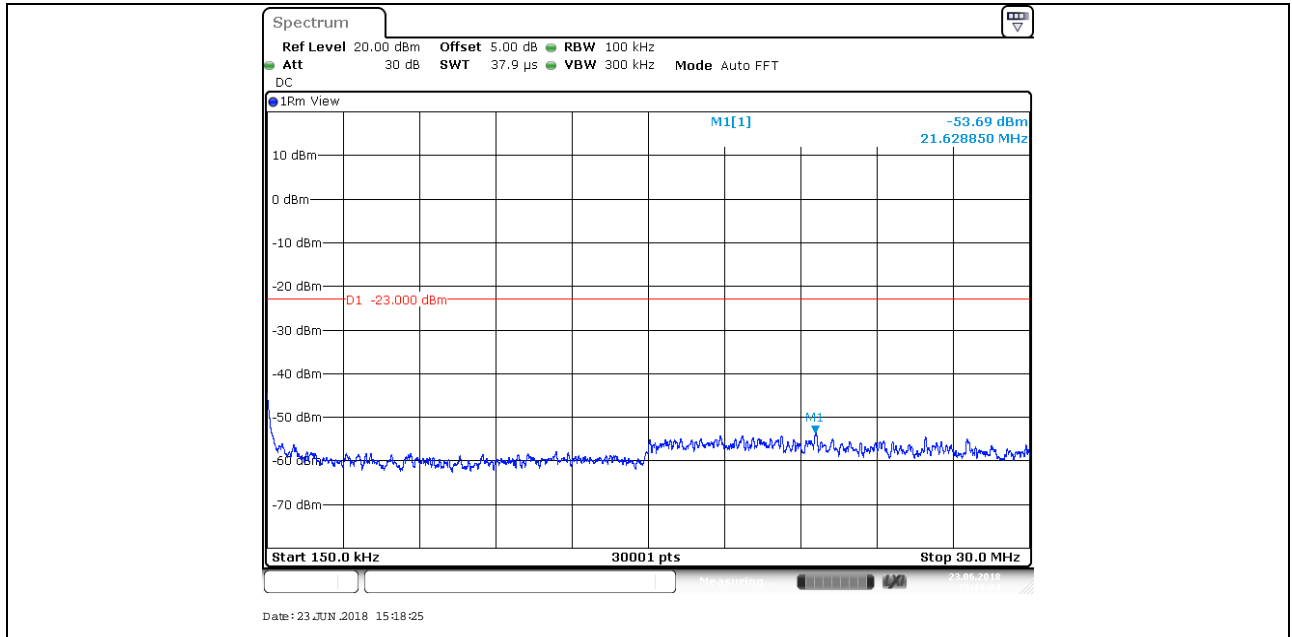
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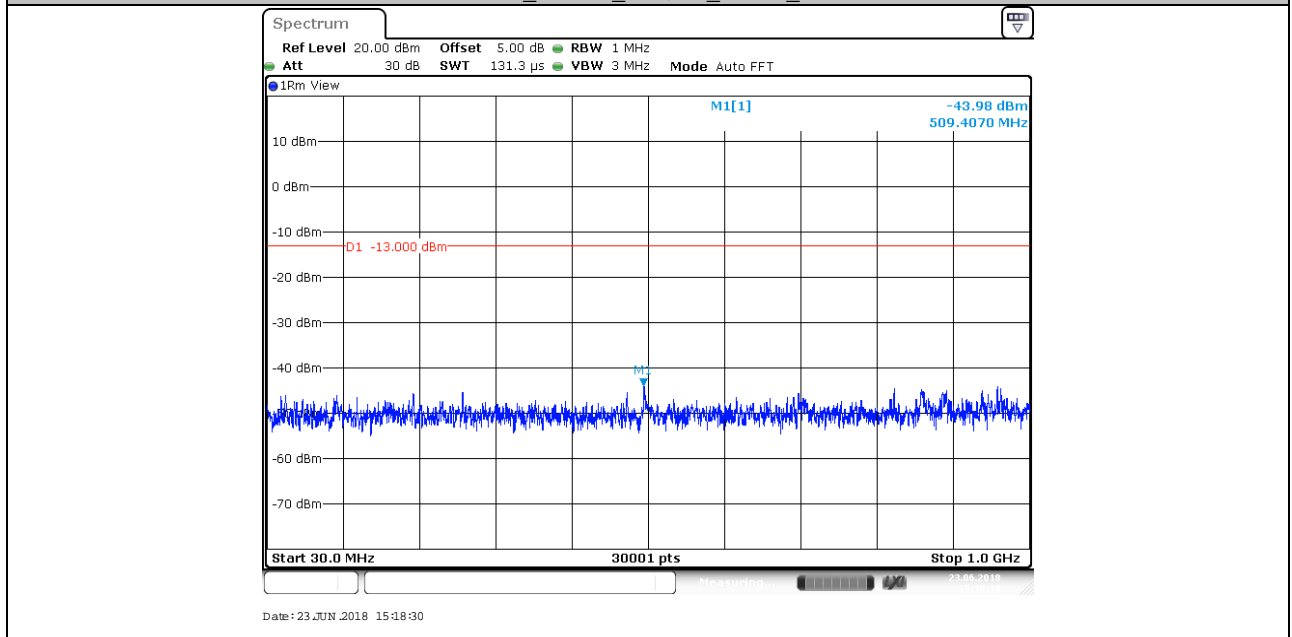
BAND 25\_20MHz\_64QAM\_26365\_1RB#0

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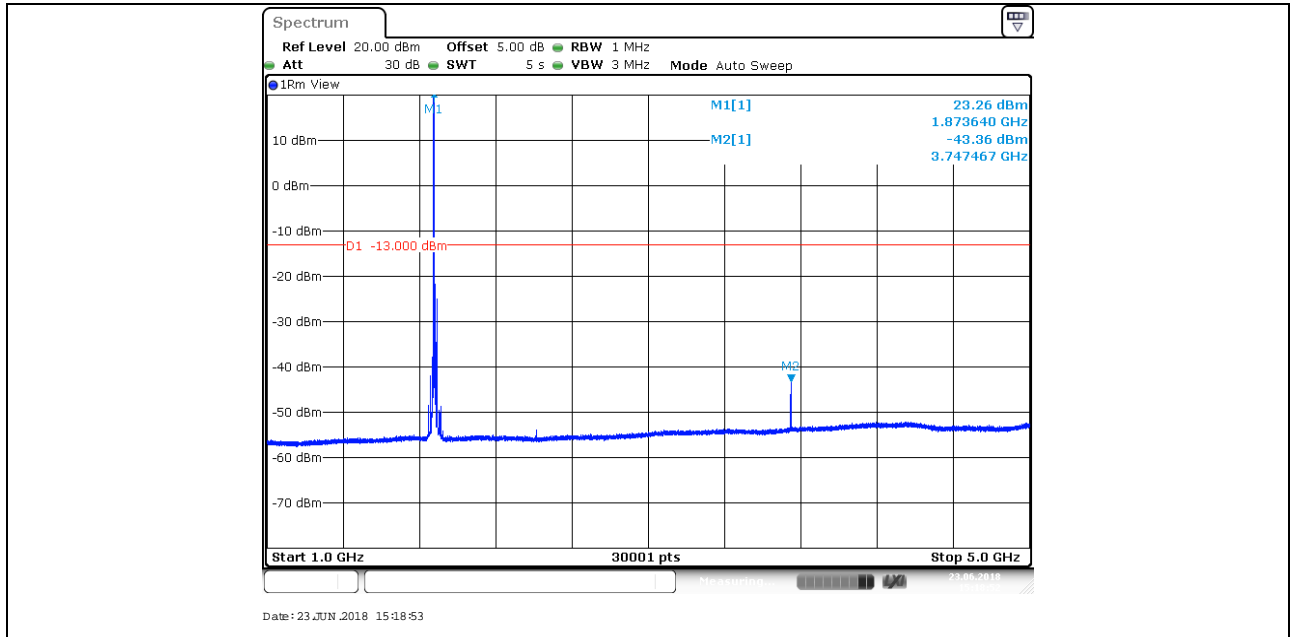




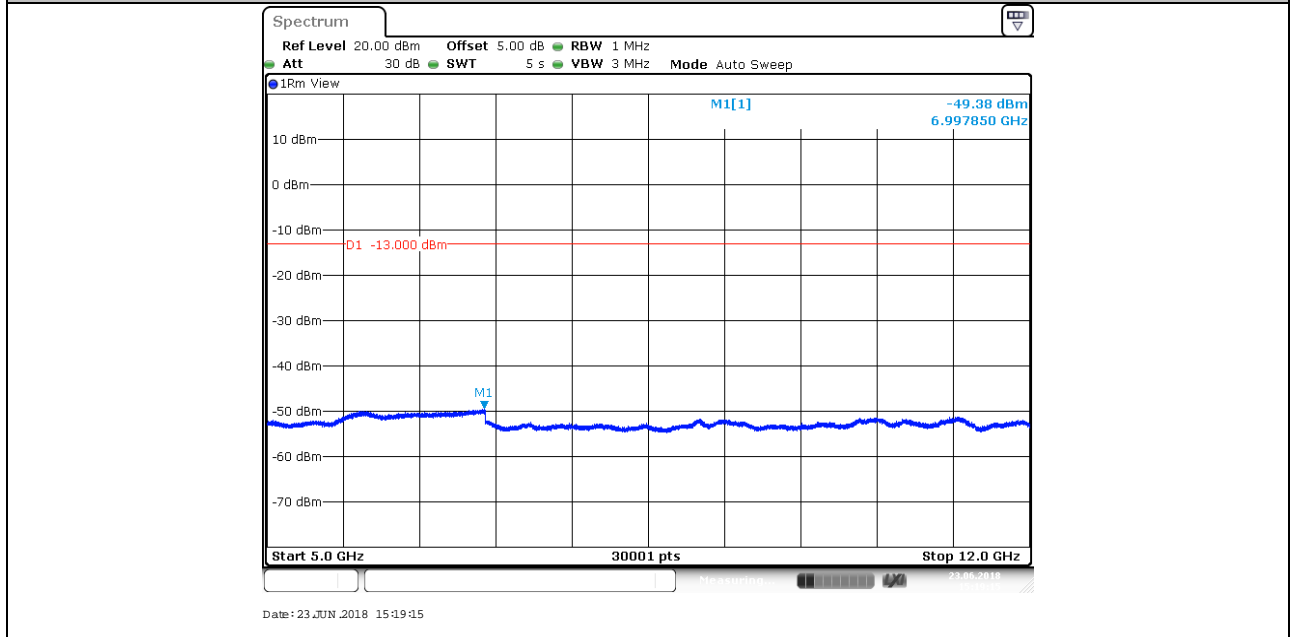
BAND 25\_20MHz\_64QAM\_26365\_1RB#0



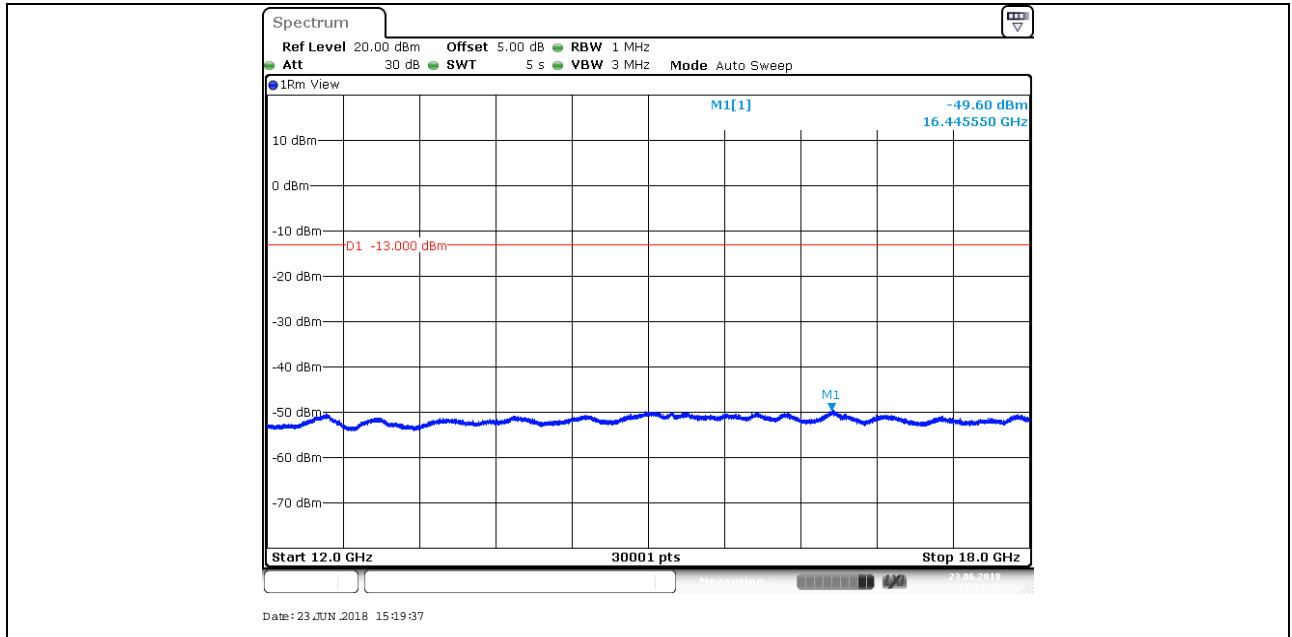
BAND 25\_20MHz\_64QAM\_26365\_1RB#0



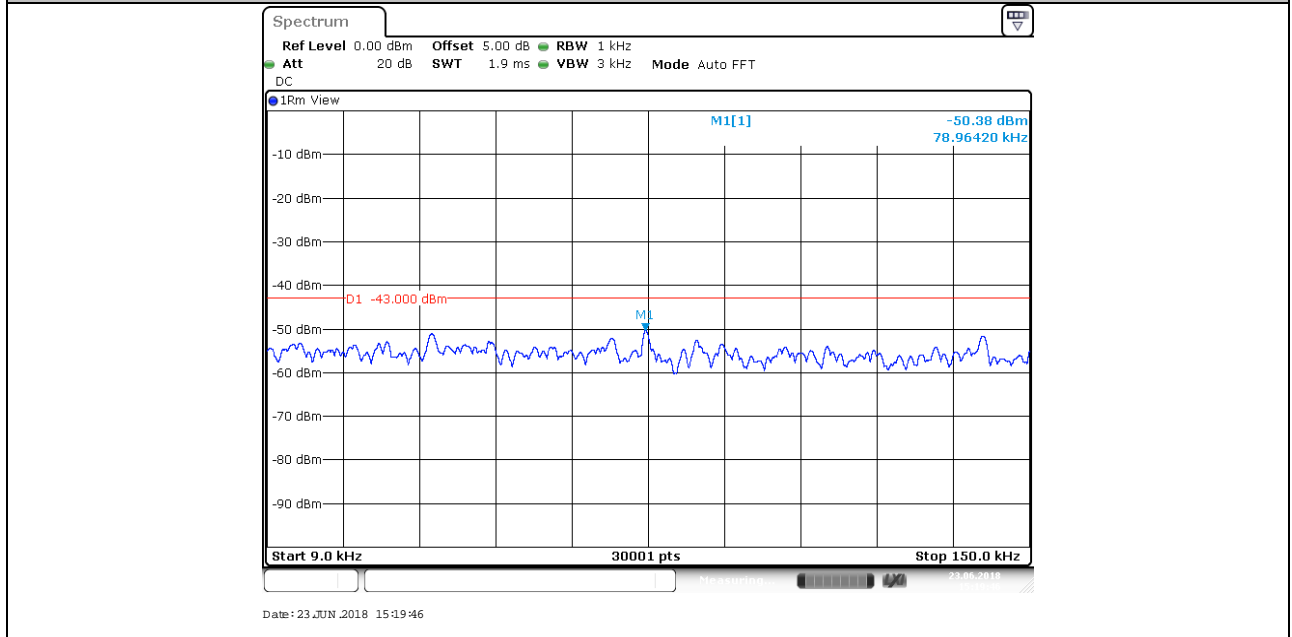
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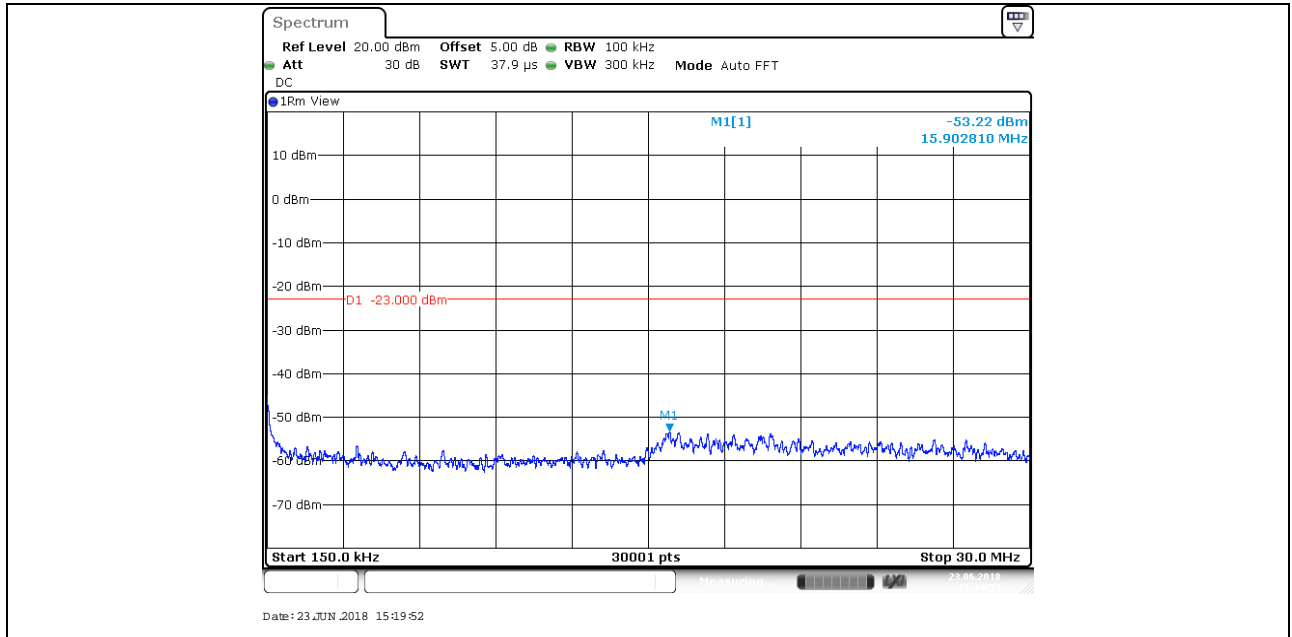
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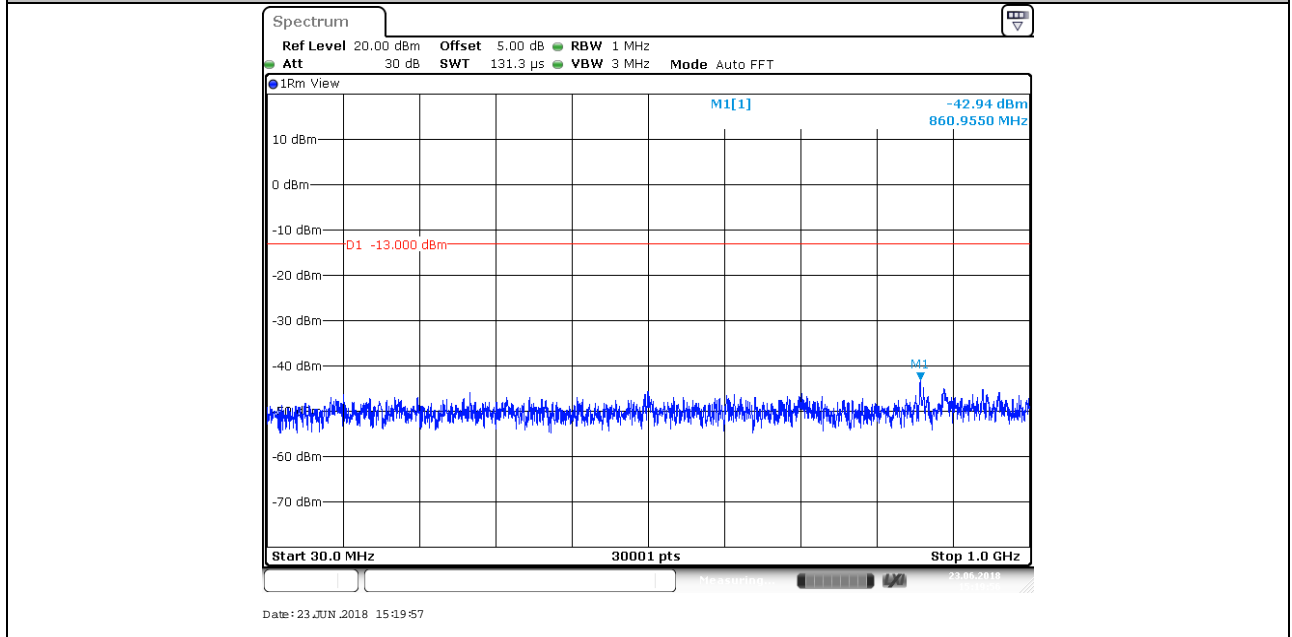
BAND 25\_20MHz\_64QAM\_26590\_1RB#0



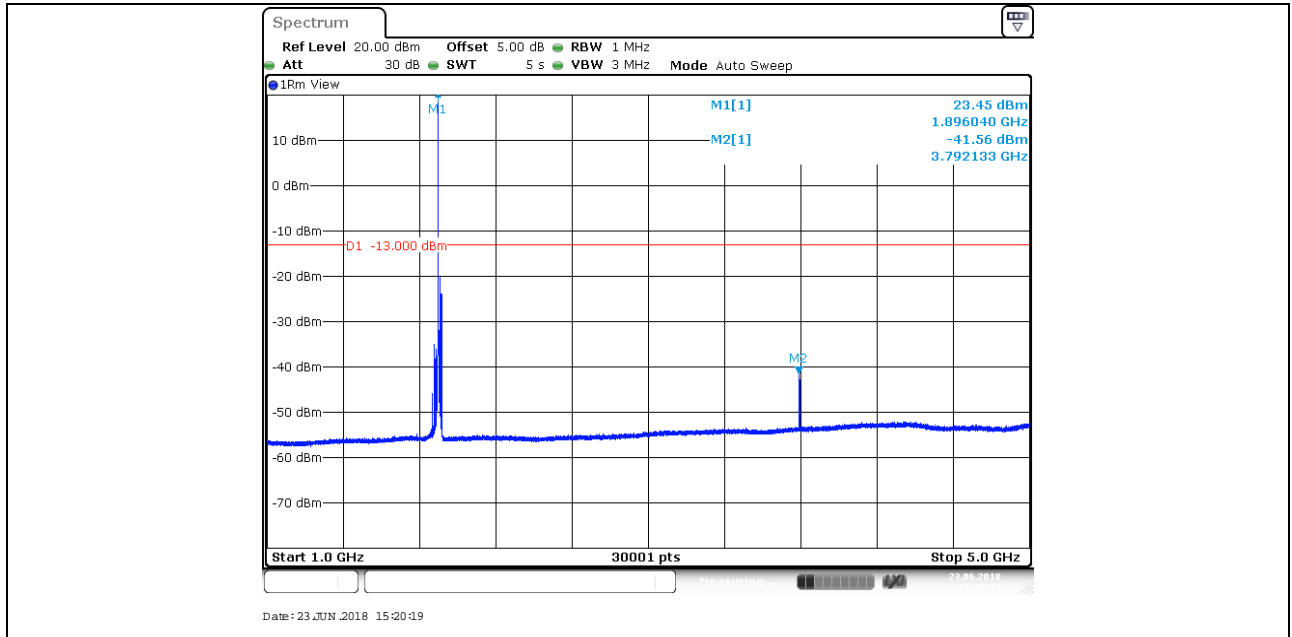
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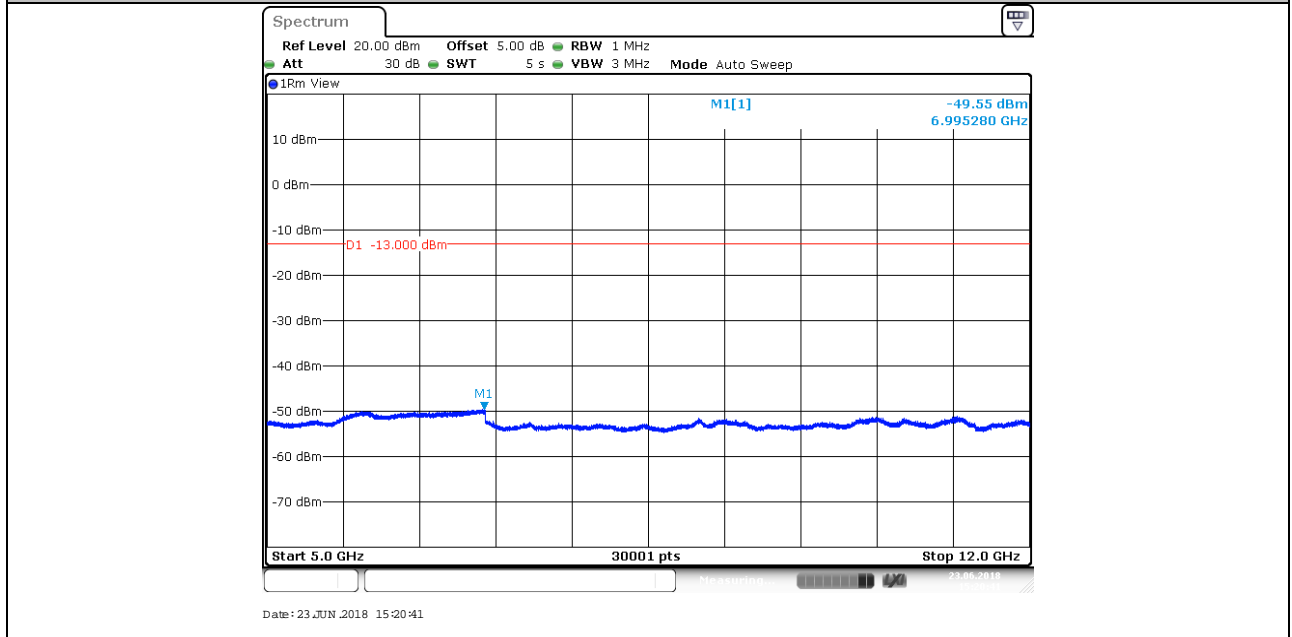
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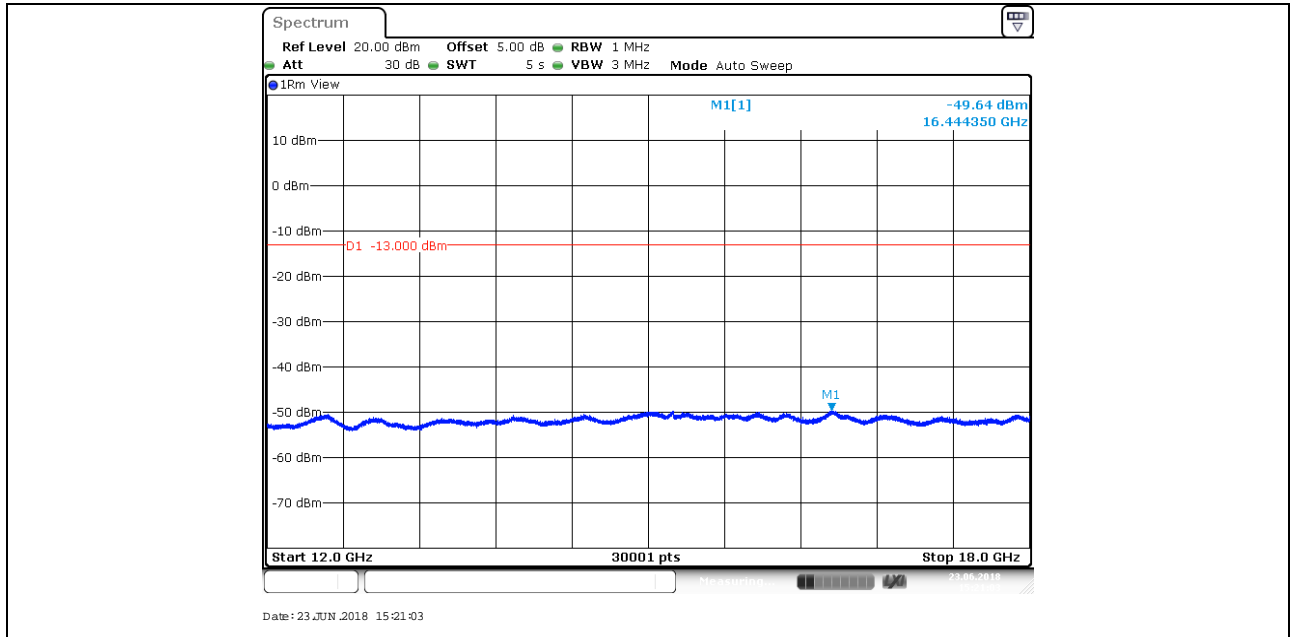
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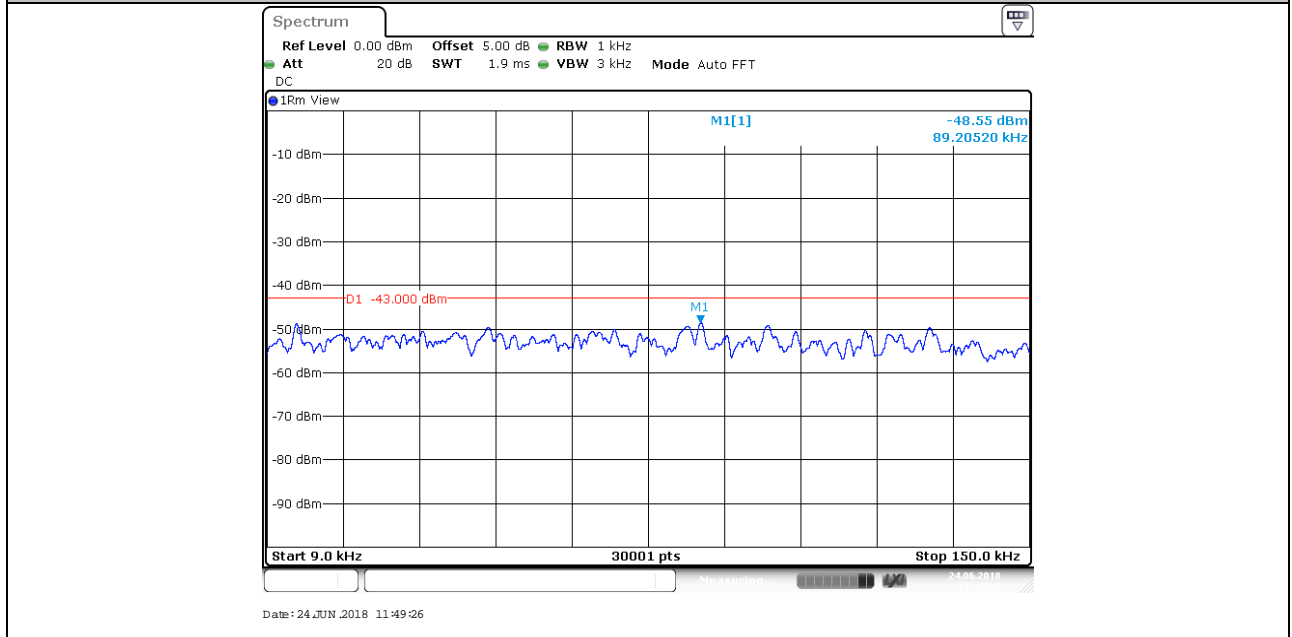
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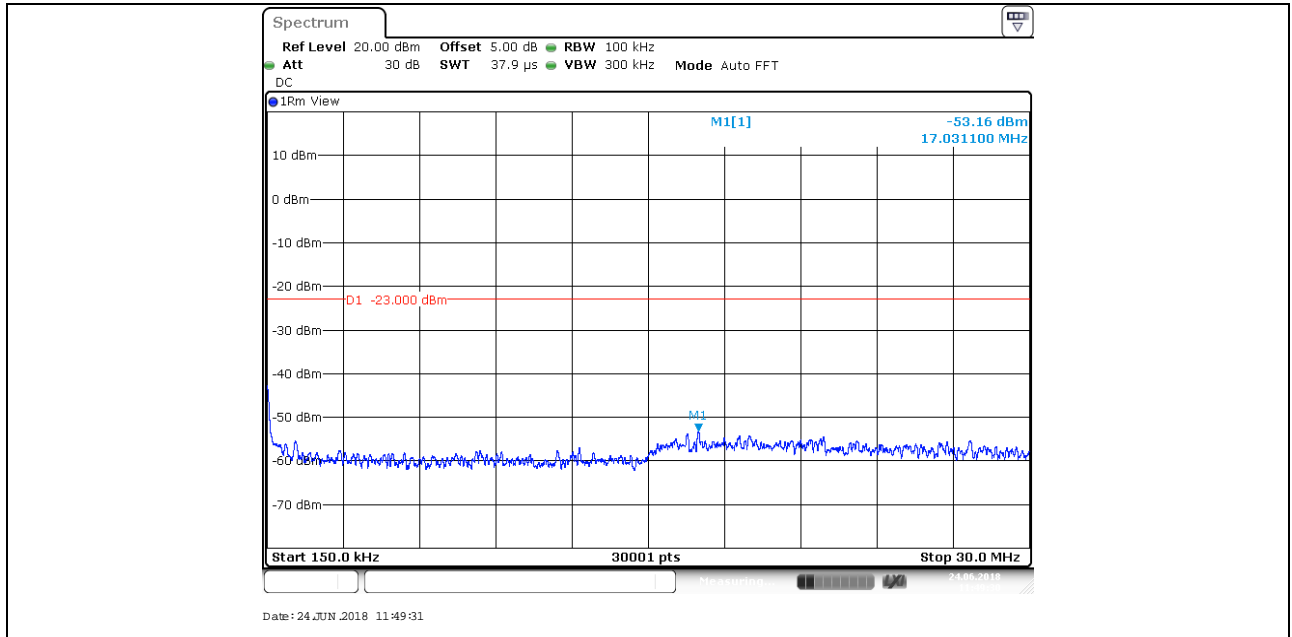
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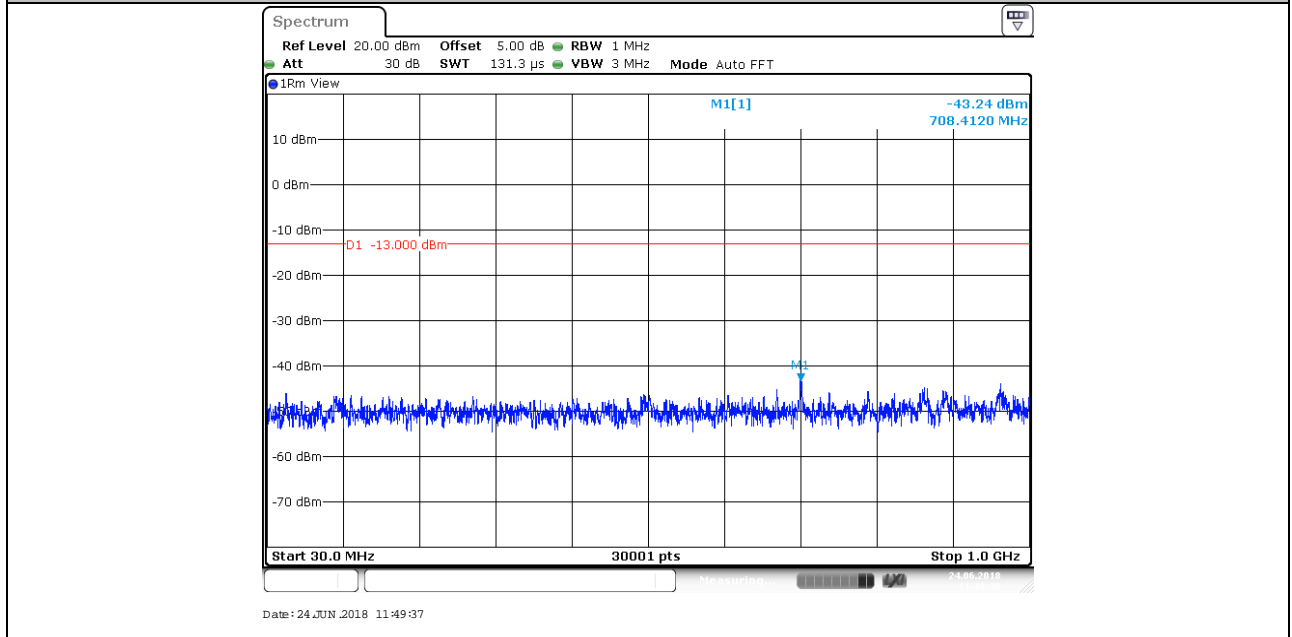
BAND 25\_20MHz\_16QAM\_26140\_1RB#0



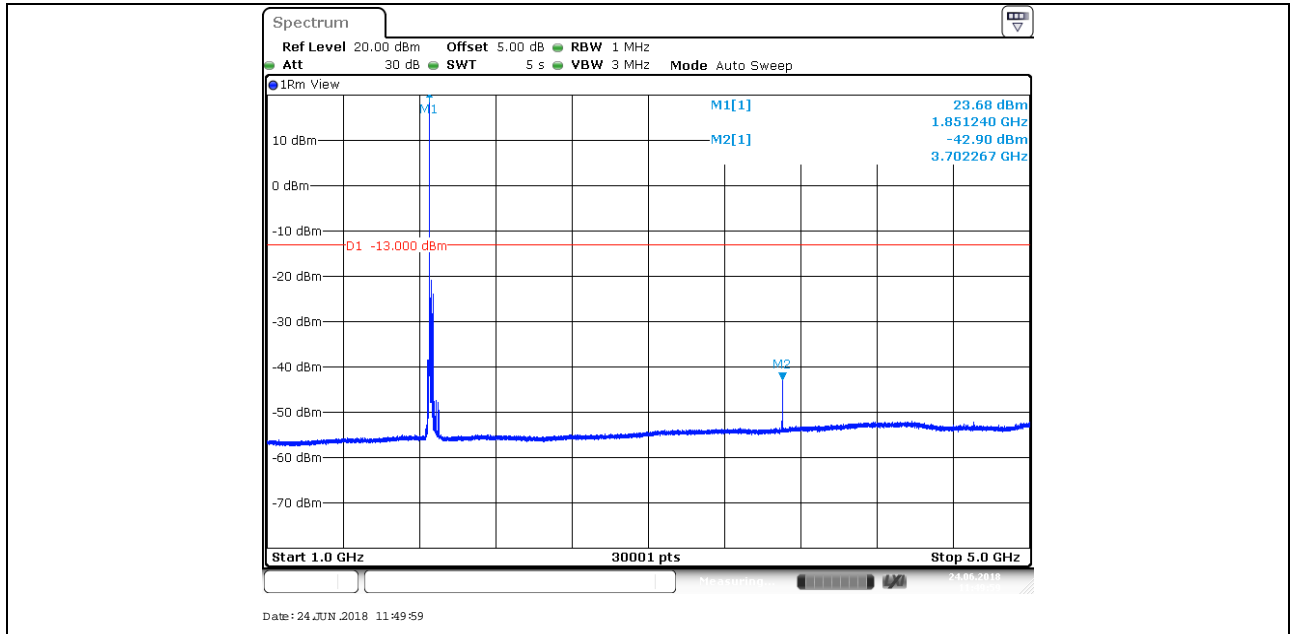
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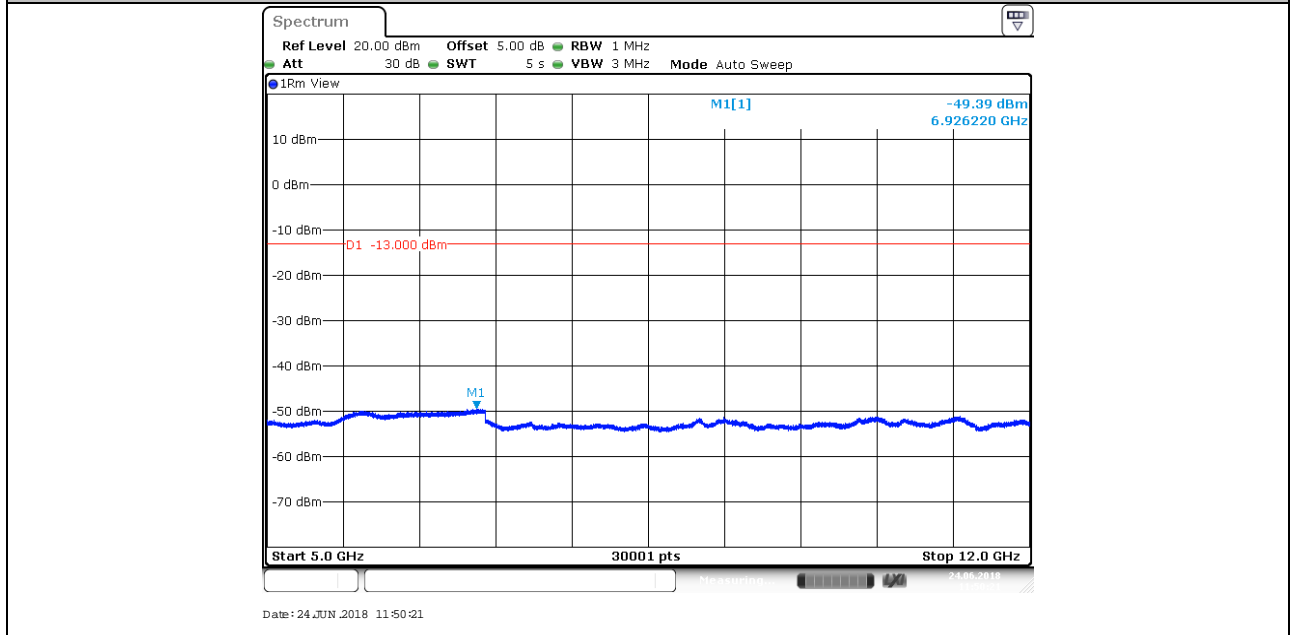
BAND 25\_20MHz\_16QAM\_26140\_1RB#0



BAND 25\_20MHz\_16QAM\_26140\_1RB#0



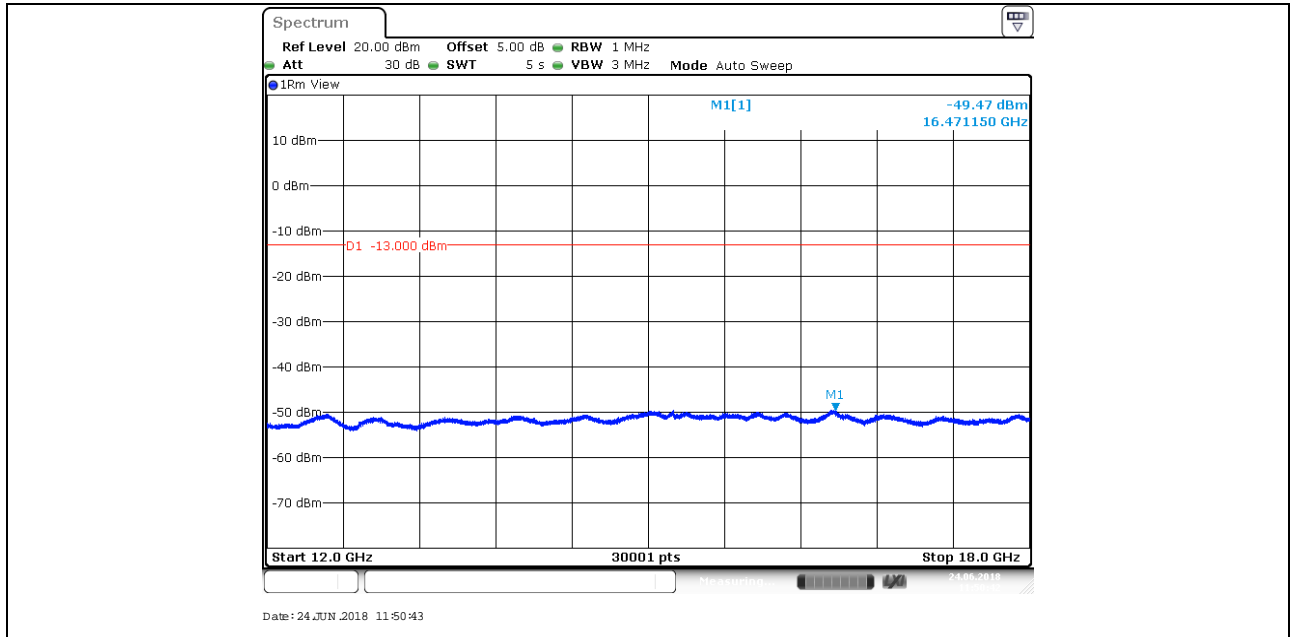
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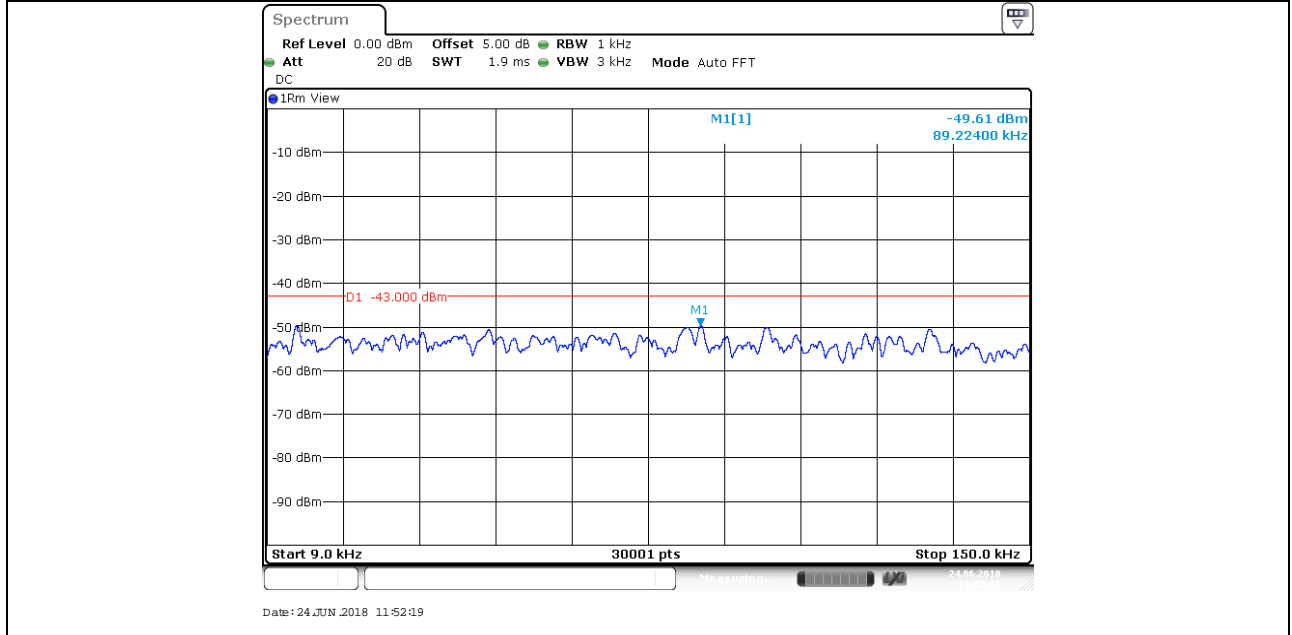
BAND 25\_20MHz\_16QAM\_26140\_1RB#0

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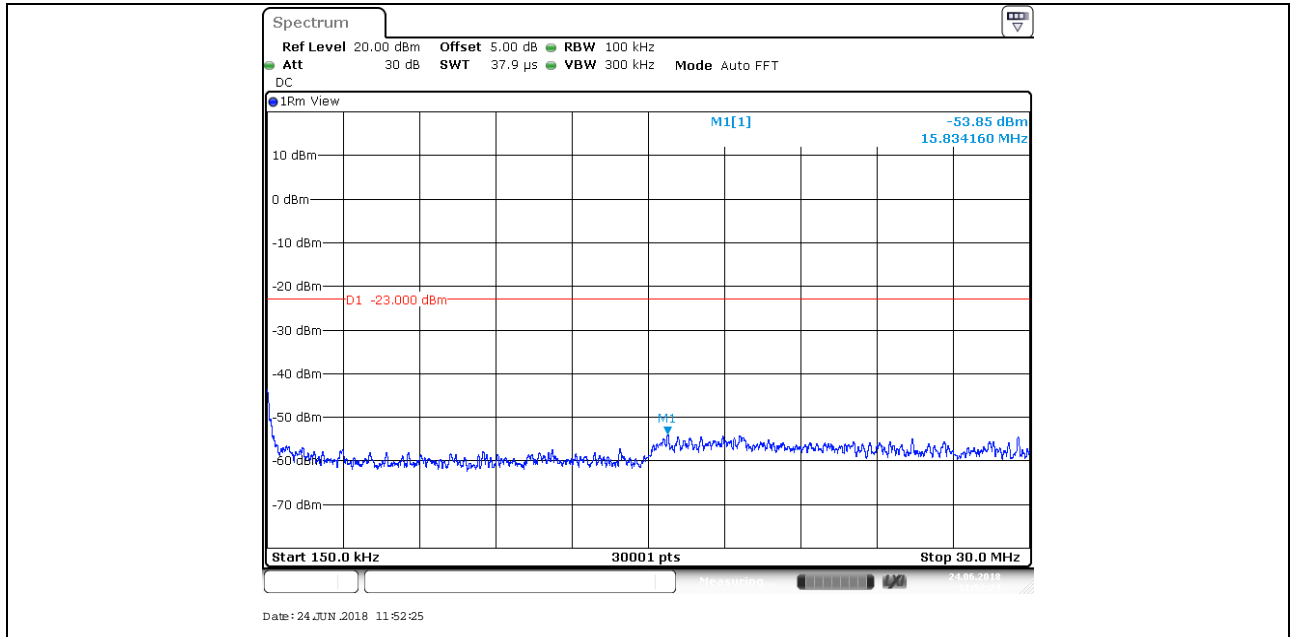




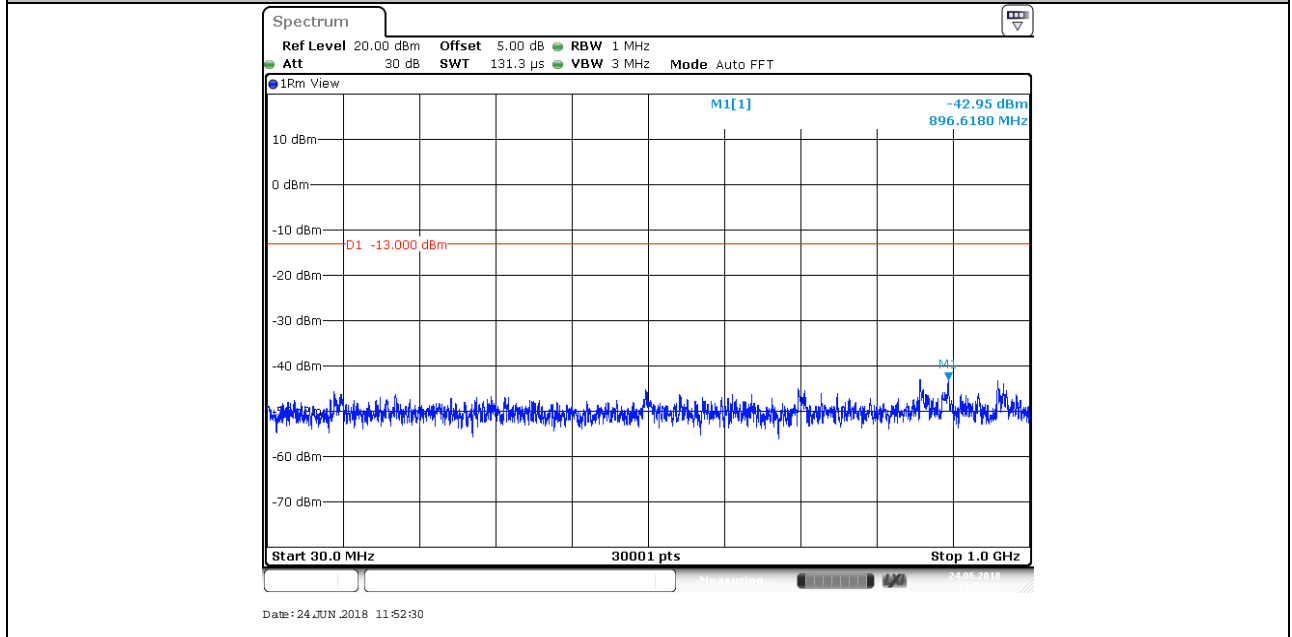
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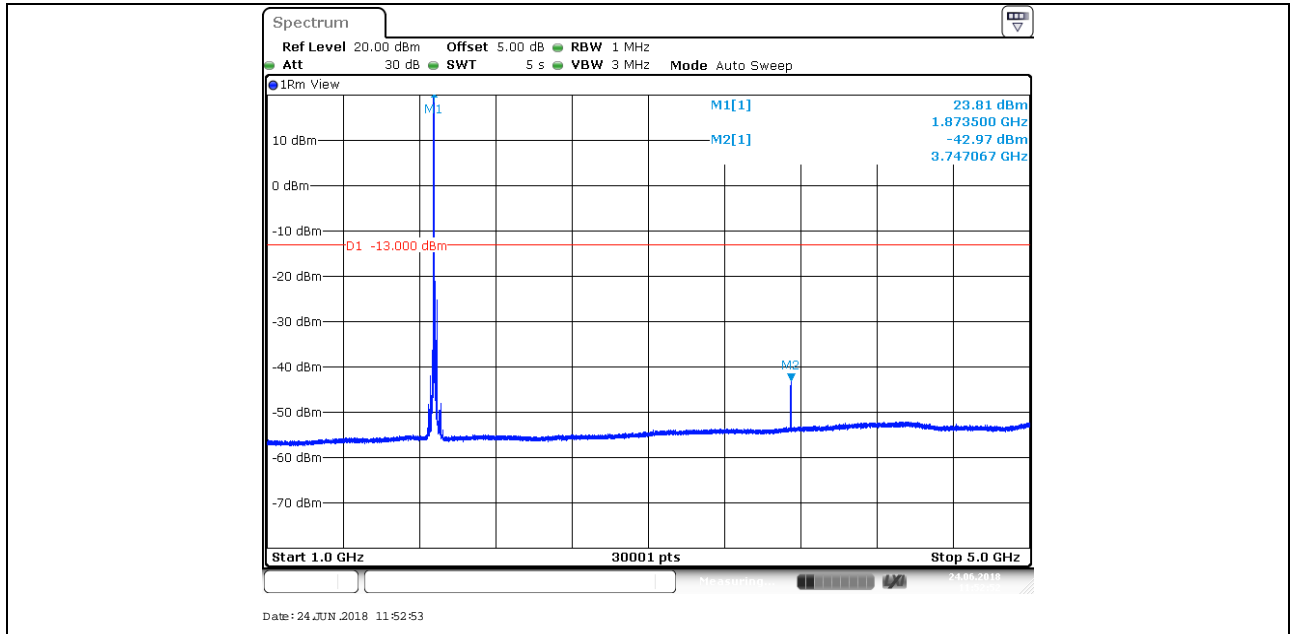
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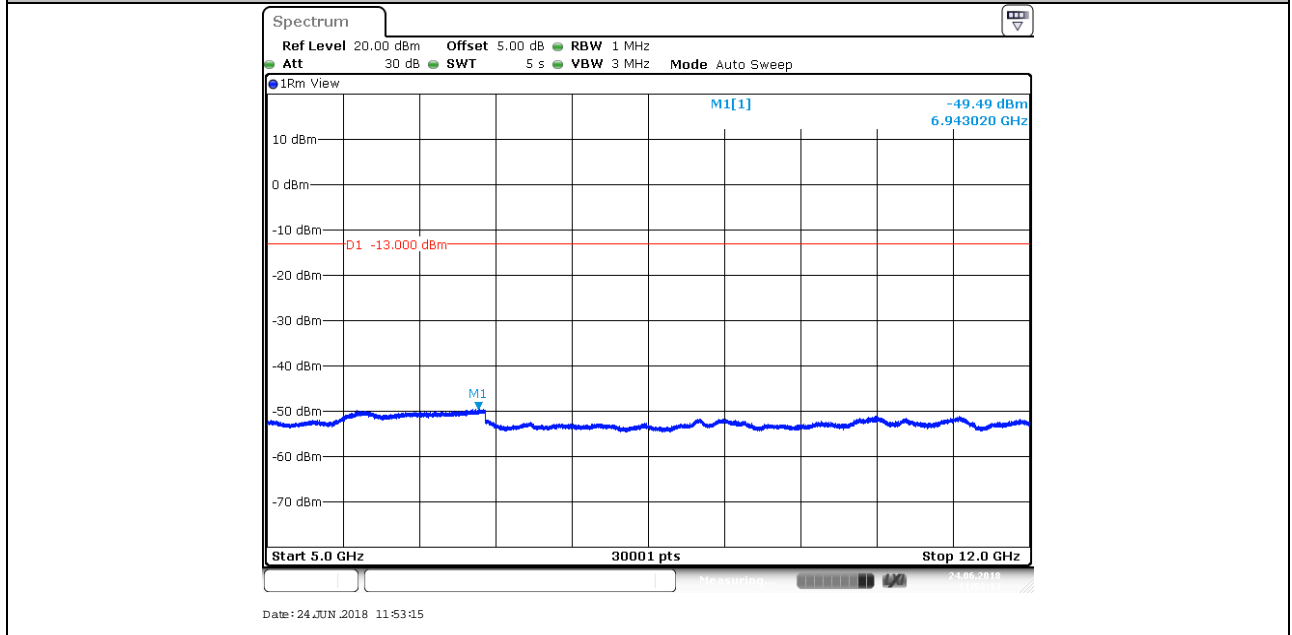
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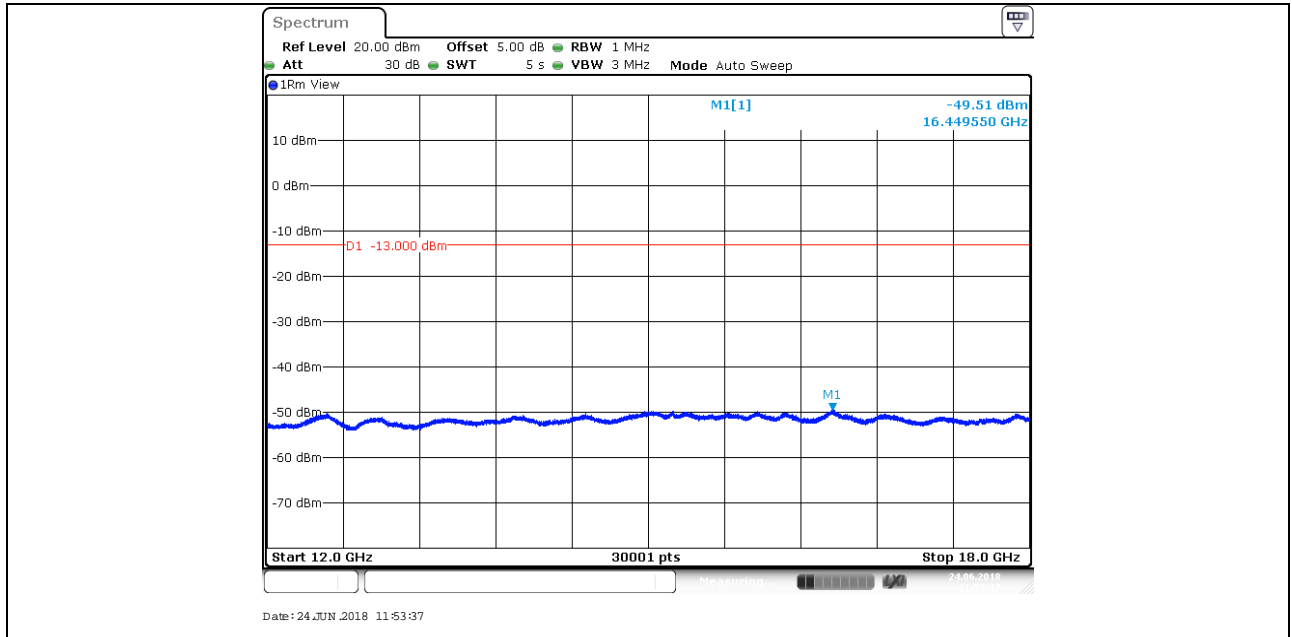
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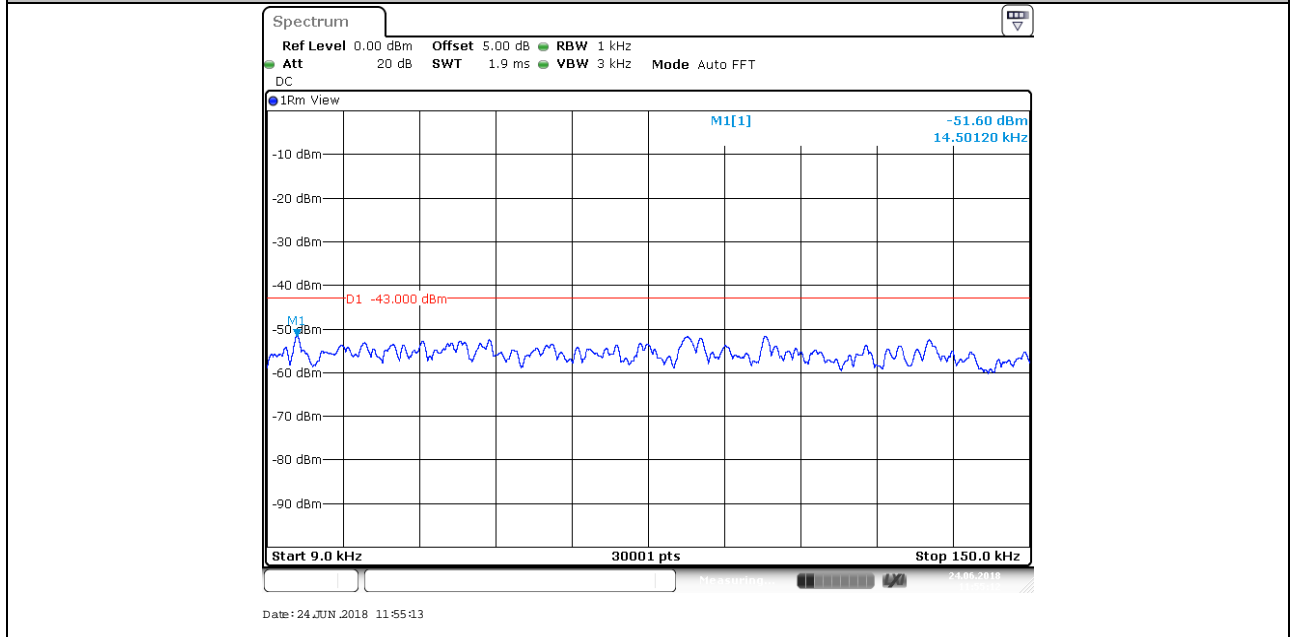
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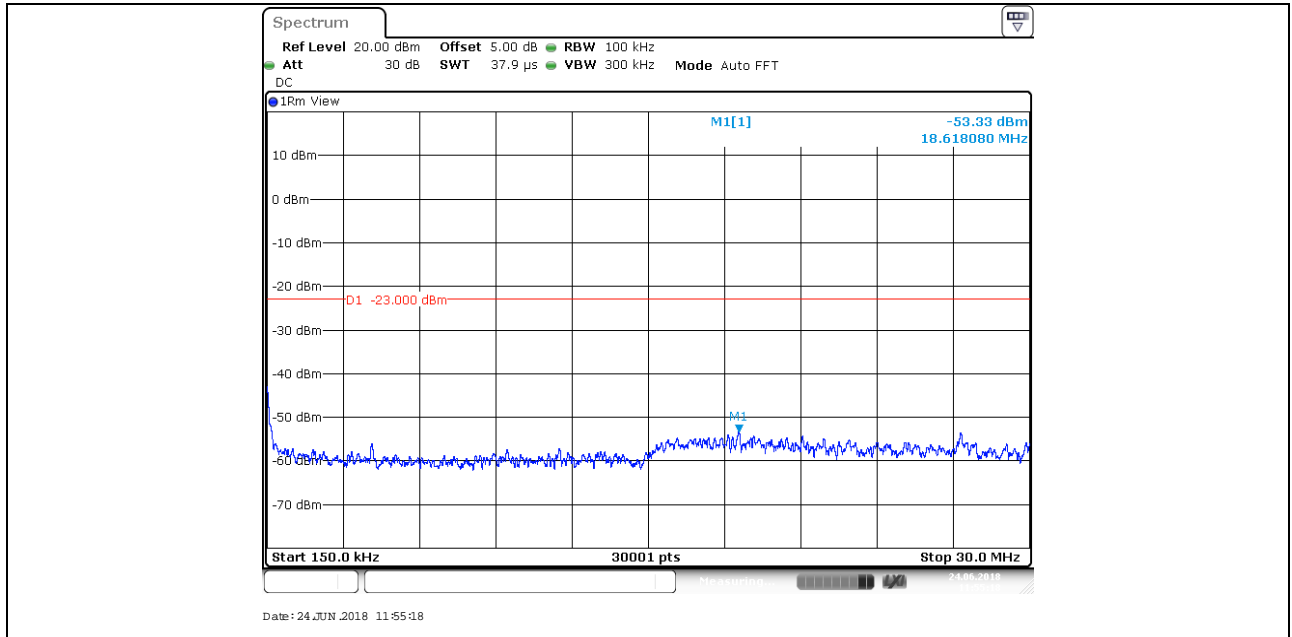
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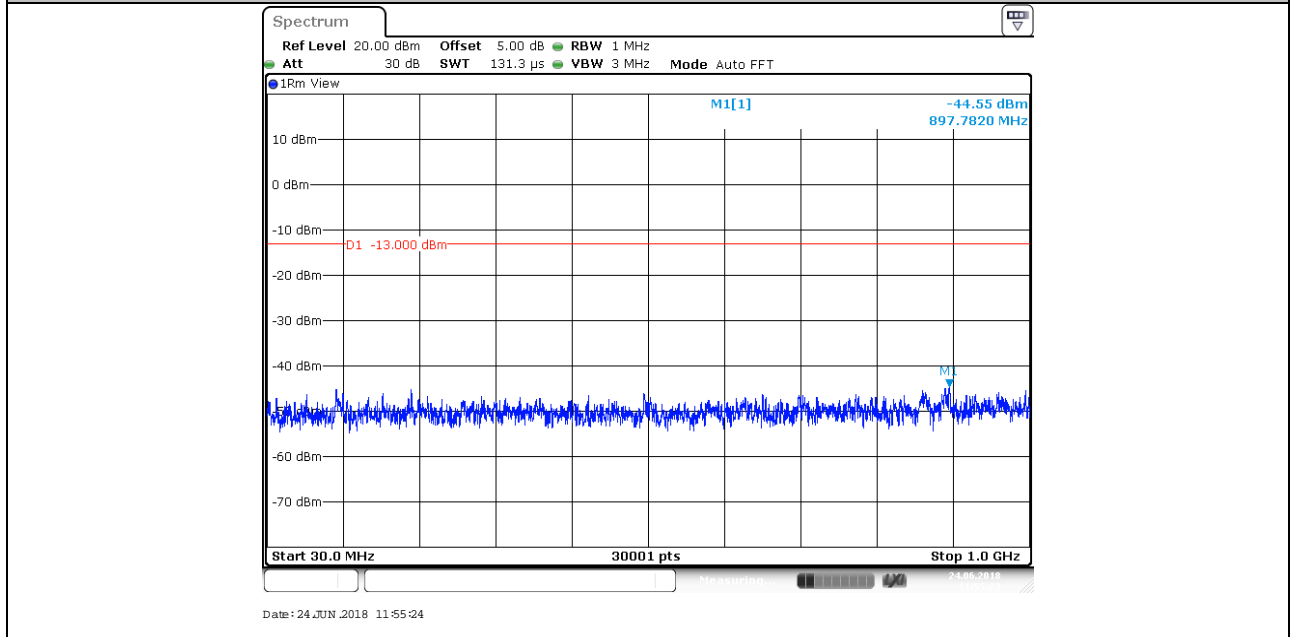
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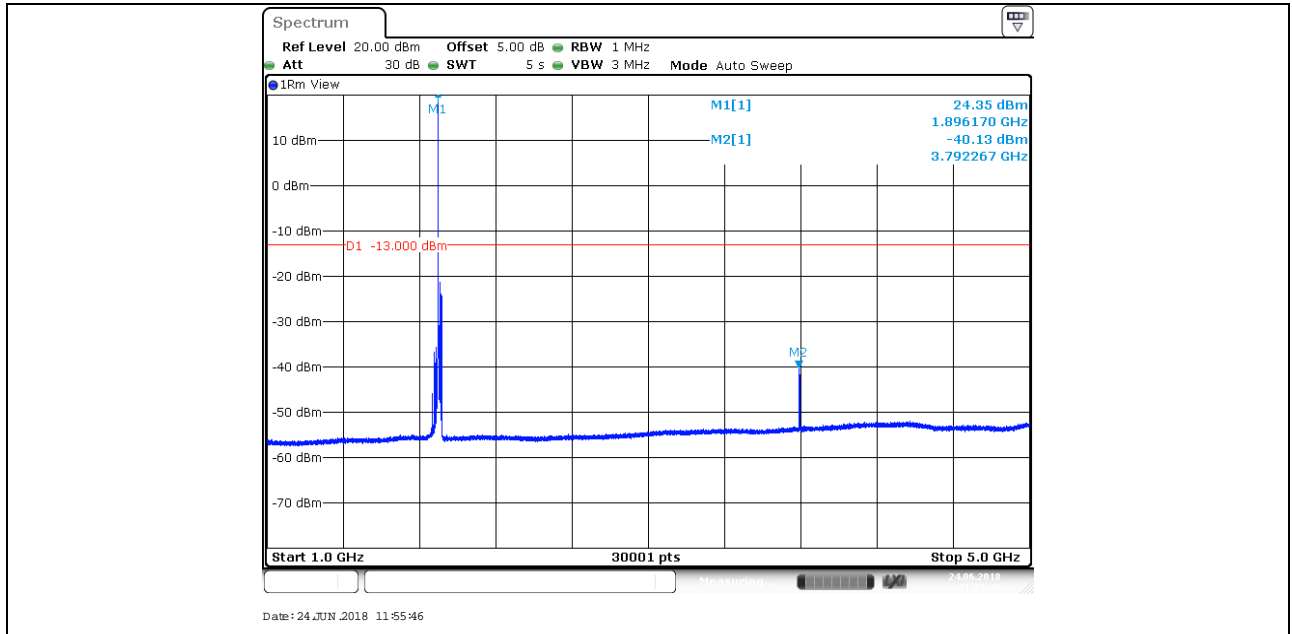
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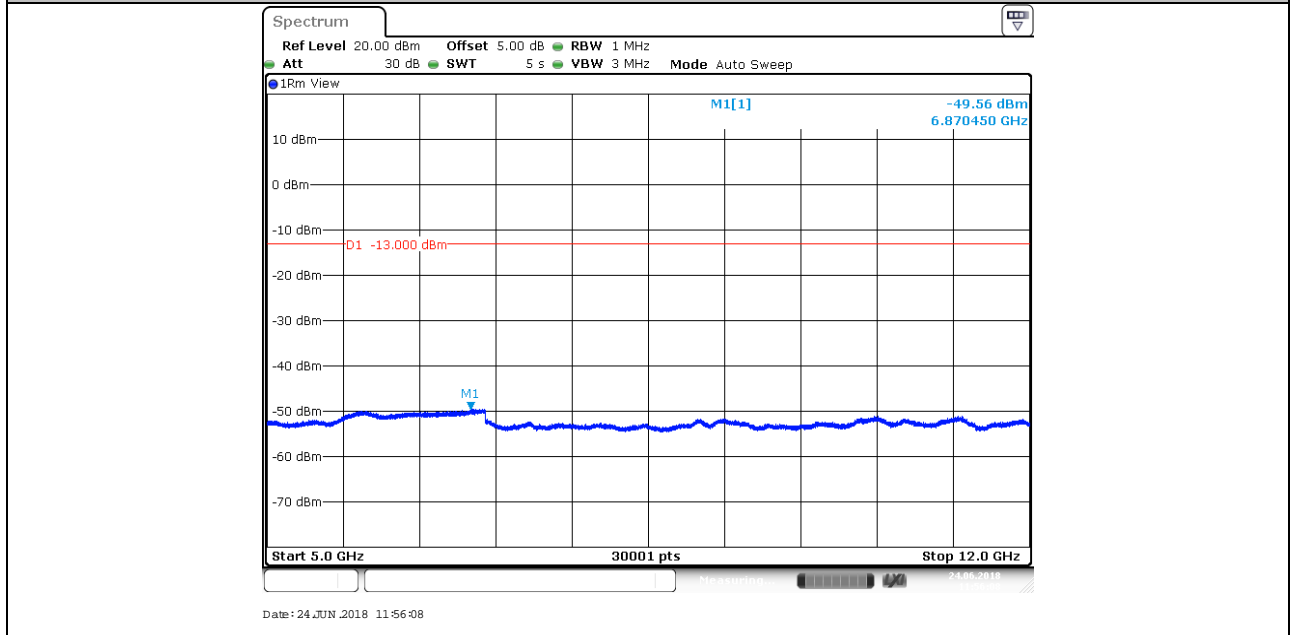
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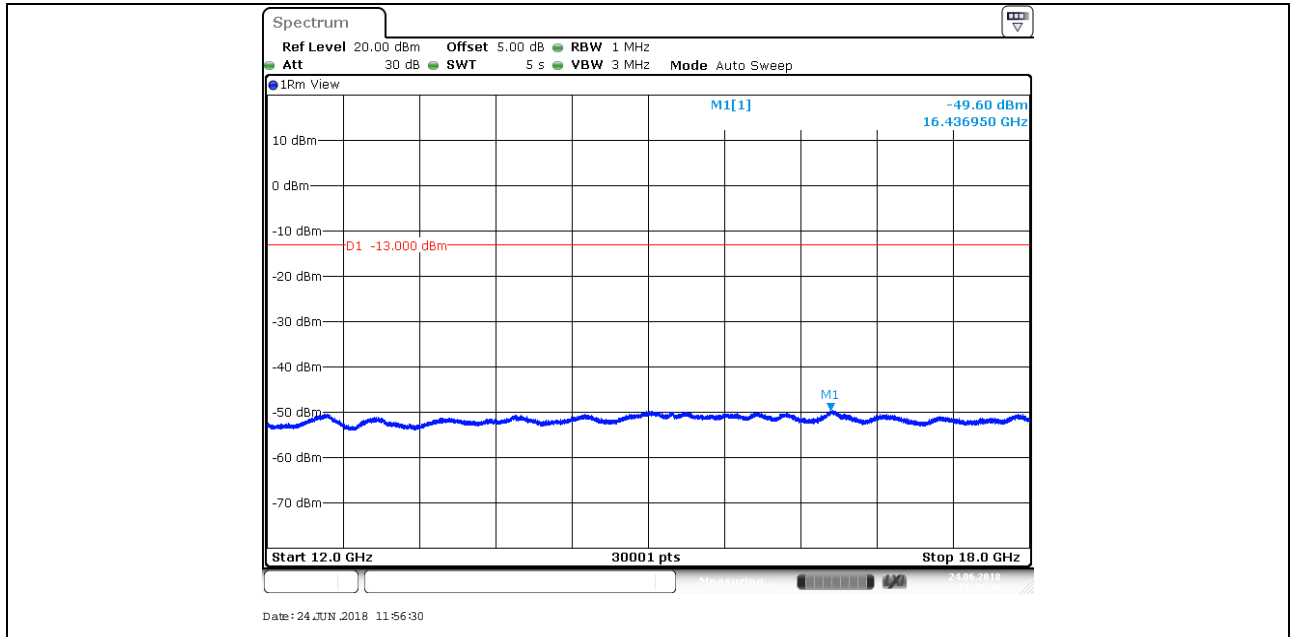
BAND 25\_20MHz\_16QAM\_26590\_1RB#0



BAND 25\_20MHz\_16QAM\_26590\_1RB#0



BAND 25\_20MHz\_16QAM\_26590\_1RB#0





## 7 Field Strength of Spurious Radiation

### 7.1 For LTE

#### 7.1.1 Test BAND = LTE BAND 25

##### 7.1.1.1 Test Mode =LTE/TM1 20MHz RB1#0

###### 7.1.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
72.100000	-75.21	-13.00	62.21	Vertical
179.900000	-78.86	-13.00	65.86	Vertical
546.983333	-80.31	-13.00	67.31	Vertical
3702.000000	-58.80	-13.00	45.80	Vertical
3880.100000	-66.50	-13.00	53.50	Vertical
8027.100000	-64.90	-13.00	51.90	Vertical
63.950000	-77.03	-13.00	64.03	Horizontal
177.950000	-72.52	-13.00	59.52	Horizontal
699.745833	-72.41	-13.00	59.41	Horizontal
3702.000000	-67.22	-13.00	54.22	Horizontal
3879.450000	-64.49	-13.00	51.49	Horizontal
6492.775000	-65.18	-13.00	52.18	Horizontal

###### 7.1.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
71.950000	-75.91	-13.00	62.91	Vertical
179.850000	-78.90	-13.00	65.90	Vertical
545.241667	-80.93	-13.00	67.93	Vertical
3747.175000	-59.48	-13.00	46.48	Vertical
3925.275000	-66.13	-13.00	53.13	Vertical
5602.275000	-66.71	-13.00	53.71	Vertical
64.800000	-77.15	-13.00	64.15	Horizontal
178.900000	-72.53	-13.00	59.53	Horizontal
545.975000	-80.35	-13.00	67.35	Horizontal
3924.950000	-62.62	-13.00	49.62	Horizontal
6020.875000	-65.59	-13.00	52.59	Horizontal
7951.050000	-64.09	-13.00	51.09	Horizontal





**7.1.1.1.3 Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
72.200000	-74.91	-13.00	61.91	Vertical
177.050000	-79.64	-13.00	66.64	Vertical
536.716667	-81.64	-13.00	68.64	Vertical
3792.025000	-59.23	-13.00	46.23	Vertical
3969.800000	-63.19	-13.00	50.19	Vertical
7950.075000	-64.09	-13.00	51.09	Vertical
64.050000	-76.59	-13.00	63.59	Horizontal
180.700000	-71.82	-13.00	58.82	Horizontal
619.766667	-80.99	-13.00	67.99	Horizontal
3792.025000	-66.13	-13.00	53.13	Horizontal
3969.800000	-62.89	-13.00	49.89	Horizontal
7954.300000	-64.06	-13.00	51.06	Horizontal

**NOTE:**

- 1) 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 25	20MHz	QPSK	26140	100RB#0	VL	NT	2.20	0.001183	±2.5	PASS
BAND 25	20MHz	QPSK	26140	100RB#0	VN	NT	0.80	0.000430	±2.5	PASS
BAND 25	20MHz	QPSK	26140	100RB#0	VH	NT	1.90	0.001022	±2.5	PASS
BAND 25	20MHz	QPSK	26365	100RB#0	VL	NT	-0.70	-0.000372	±2.5	PASS
BAND 25	20MHz	QPSK	26365	100RB#0	VN	NT	2.00	0.001062	±2.5	PASS
BAND 25	20MHz	QPSK	26365	100RB#0	VH	NT	2.30	0.001222	±2.5	PASS
BAND 25	20MHz	QPSK	26590	100RB#0	VL	NT	2.00	0.001050	±2.5	PASS
BAND 25	20MHz	QPSK	26590	100RB#0	VN	NT	-1.10	-0.000577	±2.5	PASS
BAND 25	20MHz	QPSK	26590	100RB#0	VH	NT	2.30	0.001207	±2.5	PASS
BAND 25	20MHz	64QAM	26140	100RB#0	VL	NT	-6.80	-0.003656	±2.5	PASS
BAND 25	20MHz	64QAM	26140	100RB#0	VN	NT	1.20	0.000645	±2.5	PASS
BAND 25	20MHz	64QAM	26140	100RB#0	VH	NT	-4.70	-0.002527	±2.5	PASS
BAND 25	20MHz	64QAM	26365	100RB#0	VL	NT	1.00	0.000531	±2.5	PASS
BAND 25	20MHz	64QAM	26365	100RB#0	VN	NT	-5.30	-0.002815	±2.5	PASS
BAND 25	20MHz	64QAM	26365	100RB#0	VH	NT	-0.40	-0.000212	±2.5	PASS
BAND 25	20MHz	64QAM	26590	100RB#0	VL	NT	2.30	0.001207	±2.5	PASS
BAND 25	20MHz	64QAM	26590	100RB#0	VN	NT	-6.40	-0.003360	±2.5	PASS
BAND 25	20MHz	64QAM	26590	100RB#0	VH	NT	-6.00	-0.003150	±2.5	PASS
BAND 25	20MHz	16QAM	26140	100RB#0	VL	NT	-0.80	-0.000430	±2.5	PASS
BAND 25	20MHz	16QAM	26140	100RB#0	VN	NT	3.20	0.001720	±2.5	PASS
BAND 25	20MHz	16QAM	26140	100RB#0	VH	NT	0.10	0.000054	±2.5	PASS
BAND 25	20MHz	16QAM	26365	100RB#0	VL	NT	-1.00	-0.000531	±2.5	PASS
BAND 25	20MHz	16QAM	26365	100RB#0	VN	NT	2.60	0.001381	±2.5	PASS
BAND 25	20MHz	16QAM	26365	100RB#0	VH	NT	2.30	0.001222	±2.5	PASS
BAND 25	20MHz	16QAM	26590	100RB#0	VL	NT	0.90	0.000472	±2.5	PASS
BAND 25	20MHz	16QAM	26590	100RB#0	VN	NT	-0.40	-0.000210	±2.5	PASS
BAND 25	20MHz	16QAM	26590	100RB#0	VH	NT	0.10	0.000052	±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 25	20MHz	QPSK	26140	100RB#0	NV	-30	1.70	0.000914	±2.5	PASS
BAND 25	20MHz	QPSK	26140	100RB#0	NV	-20	1.40	0.000753	±2.5	PASS
BAND 25	20MHz	QPSK	26140	100RB#0	NV	0	2.60	0.001398	±2.5	PASS
BAND 25	20MHz	QPSK	26140	100RB#0	NV	10	3.40	0.001828	±2.5	PASS
BAND 25	20MHz	QPSK	26140	100RB#0	NV	20	-0.30	-0.000161	±2.5	PASS
BAND 25	20MHz	QPSK	26365	100RB#0	NV	-30	3.00	0.001594	±2.5	PASS
BAND 25	20MHz	QPSK	26365	100RB#0	NV	-20	2.00	0.001062	±2.5	PASS
BAND 25	20MHz	QPSK	26365	100RB#0	NV	0	2.40	0.001275	±2.5	PASS
BAND 25	20MHz	QPSK	26365	100RB#0	NV	10	0.10	0.000053	±2.5	PASS
BAND 25	20MHz	QPSK	26365	100RB#0	NV	20	0.00	0.000000	±2.5	PASS

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BAND 25	20MHz	QPSK	26590	100RB#0	NV	-30	3.30	0.001732	±2.5	PASS
BAND 25	20MHz	QPSK	26590	100RB#0	NV	-20	-1.10	-0.000577	±2.5	PASS
BAND 25	20MHz	QPSK	26590	100RB#0	NV	0	-0.50	-0.000262	±2.5	PASS
BAND 25	20MHz	QPSK	26590	100RB#0	NV	10	0.00	0.000000	±2.5	PASS
BAND 25	20MHz	QPSK	26590	100RB#0	NV	20	-1.60	-0.000840	±2.5	PASS
BAND 25	20MHz	64QAM	26140	100RB#0	NV	-30	-4.50	-0.002419	±2.5	PASS
BAND 25	20MHz	64QAM	26140	100RB#0	NV	-20	-0.50	-0.000269	±2.5	PASS
BAND 25	20MHz	64QAM	26140	100RB#0	NV	0	-0.50	-0.000269	±2.5	PASS
BAND 25	20MHz	64QAM	26140	100RB#0	NV	10	-1.30	-0.000699	±2.5	PASS
BAND 25	20MHz	64QAM	26140	100RB#0	NV	20	-8.40	-0.004516	±2.5	PASS
BAND 25	20MHz	64QAM	26365	100RB#0	NV	-30	7.60	0.004037	±2.5	PASS
BAND 25	20MHz	64QAM	26365	100RB#0	NV	-20	-3.70	-0.001965	±2.5	PASS
BAND 25	20MHz	64QAM	26365	100RB#0	NV	0	-3.90	-0.002072	±2.5	PASS
BAND 25	20MHz	64QAM	26365	100RB#0	NV	10	6.50	0.003453	±2.5	PASS
BAND 25	20MHz	64QAM	26365	100RB#0	NV	20	-1.70	-0.000903	±2.5	PASS
BAND 25	20MHz	64QAM	26590	100RB#0	NV	-30	-7.50	-0.003937	±2.5	PASS
BAND 25	20MHz	64QAM	26590	100RB#0	NV	-20	-8.50	-0.004462	±2.5	PASS
BAND 25	20MHz	64QAM	26590	100RB#0	NV	0	-11.50	-0.006037	±2.5	PASS
BAND 25	20MHz	64QAM	26590	100RB#0	NV	10	-1.20	-0.000630	±2.5	PASS
BAND 25	20MHz	64QAM	26590	100RB#0	NV	20	-7.10	-0.003727	±2.5	PASS
BAND 25	20MHz	16QAM	26140	100RB#0	NV	-30	2.50	0.001344	±2.5	PASS
BAND 25	20MHz	16QAM	26140	100RB#0	NV	-20	2.70	0.001452	±2.5	PASS
BAND 25	20MHz	16QAM	26140	100RB#0	NV	0	0.80	0.000430	±2.5	PASS
BAND 25	20MHz	16QAM	26140	100RB#0	NV	10	1.00	0.000538	±2.5	PASS
BAND 25	20MHz	16QAM	26140	100RB#0	NV	20	2.60	0.001398	±2.5	PASS
BAND 25	20MHz	16QAM	26365	100RB#0	NV	-30	3.50	0.001859	±2.5	PASS
BAND 25	20MHz	16QAM	26365	100RB#0	NV	-20	1.50	0.000797	±2.5	PASS
BAND 25	20MHz	16QAM	26365	100RB#0	NV	0	1.00	0.000531	±2.5	PASS
BAND 25	20MHz	16QAM	26365	100RB#0	NV	10	1.30	0.000691	±2.5	PASS
BAND 25	20MHz	16QAM	26365	100RB#0	NV	20	2.60	0.001381	±2.5	PASS
BAND 25	20MHz	16QAM	26590	100RB#0	NV	-30	-0.50	-0.000262	±2.5	PASS
BAND 25	20MHz	16QAM	26590	100RB#0	NV	-20	3.40	0.001785	±2.5	PASS
BAND 25	20MHz	16QAM	26590	100RB#0	NV	0	1.60	0.000840	±2.5	PASS
BAND 25	20MHz	16QAM	26590	100RB#0	NV	10	2.10	0.001102	±2.5	PASS
BAND 25	20MHz	16QAM	26590	100RB#0	NV	20	0.00	0.000000	±2.5	PASS

The End

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