



Appendix for LTE Band7

FCC ID: 2AC88-GLMU19A02

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APPENDIX A: EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA 3

APPENDIX B: PEAK-TO-AVERAGE RATIO(CCDF) 8

APPENDIX C: 26DB BANDWIDTH AND OCCUPIED BANDWIDTH.....30

APPENDIX D: BAND EDGE41

APPENDIX E: CONDUCTED SPURIOUS EMISSION.....69

APPENDIX F: FREQUENCY STABILITY 131

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.81	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.14	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.06	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.10	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.08	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.17	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.21	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.13	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.15	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.35	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.27	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.31	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.19	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.88	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.02	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.57	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.11	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.11	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.09	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.14	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.03	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.94	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.10	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.09	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.08	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.15	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.32	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.09	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.60	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.18	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.27	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.21	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.31	PASS

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Band7	5MHz	16QAM	21100	25RB#0	20.37	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.52	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.88	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.33	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.11	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.12	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.09	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.34	FAIL
Band7	10MHz	QPSK	20800	1RB#0	21.67	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.39	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.99	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.27	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.25	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.29	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.23	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.07	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.49	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.35	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.30	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.29	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.44	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.27	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.11	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.89	PASS
Band7	10MHz	QPSK	21400	1RB#49	20.78	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.67	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.25	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.15	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.20	PASS
Band7	10MHz	16QAM	20800	1RB#0	20.91	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.60	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.35	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.25	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.25	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.31	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.45	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.68	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.54	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.29	PASS

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Band7	10MHz	16QAM	21100	25RB#12	21.27	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.35	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.33	PASS
Band7	10MHz	16QAM	21400	1RB#0	20.37	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.21	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.37	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.27	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.25	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.15	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.36	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.74	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.89	PASS
Band7	15MHz	QPSK	20825	1RB#74	21.79	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.87	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.11	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.69	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.14	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.22	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.32	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.43	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.11	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.52	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.68	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.36	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.65	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.91	PASS
Band7	15MHz	QPSK	21375	1RB#74	20.98	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.84	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.21	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.49	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.44	PASS
Band7	15MHz	16QAM	20825	1RB#0	20.92	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.93	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.93	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.74	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.11	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.79	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.31	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.18	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.00	PASS

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Band7	15MHz	16QAM	21100	1RB#74	21.73	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.12	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.84	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.55	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.42	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.89	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.22	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.31	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.84	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.19	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.32	FAIL
Band7	15MHz	16QAM	21375	75RB#0	20.31	FAIL
Band7	20MHz	QPSK	20850	1RB#0	21.74	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.36	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.95	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.22	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.23	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.18	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.22	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.01	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.53	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.16	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.22	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.21	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.25	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.26	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.89	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.25	PASS
Band7	20MHz	QPSK	21350	1RB#99	20.91	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.31	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.23	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.07	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.15	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.96	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.50	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.15	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.11	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.12	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.19	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.42	PASS

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Band7	20MHz	16QAM	21100	1RB#0	21.18	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.08	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.44	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.21	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.27	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.27	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.30	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.12	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.21	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.46	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.31	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.23	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.07	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.50	PASS

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Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	3.62	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.42	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	3.83	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.51	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	3.86	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.36	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	4.61	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.29	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	4.75	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.35	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.58	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.35	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	3.77	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.90	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	3.83	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.33	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	3.86	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.36	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.58	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.94	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	4.81	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.26	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	4.67	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.29	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	3.65	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.16	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	3.80	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.45	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	3.86	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.51	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.52	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.00	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	4.78	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.29	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	4.67	13	PASS

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Band7	15MHz	16QAM	21375	75RB#0	6.35	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	3.80	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.10	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	3.86	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.25	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	3.83	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.30	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.58	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.12	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	4.87	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.23	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	4.78	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.26	13	PASS

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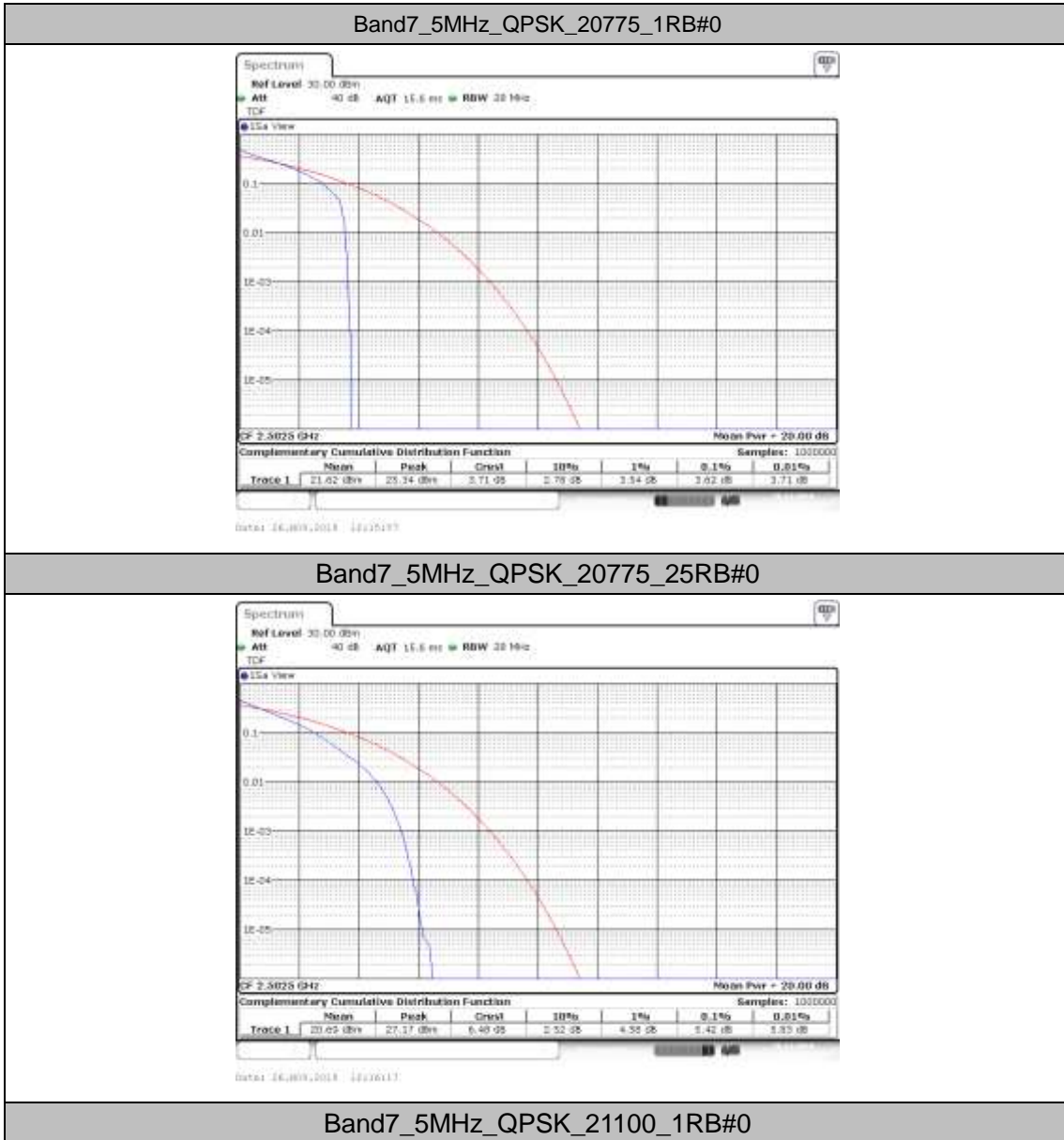
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Test Graphs



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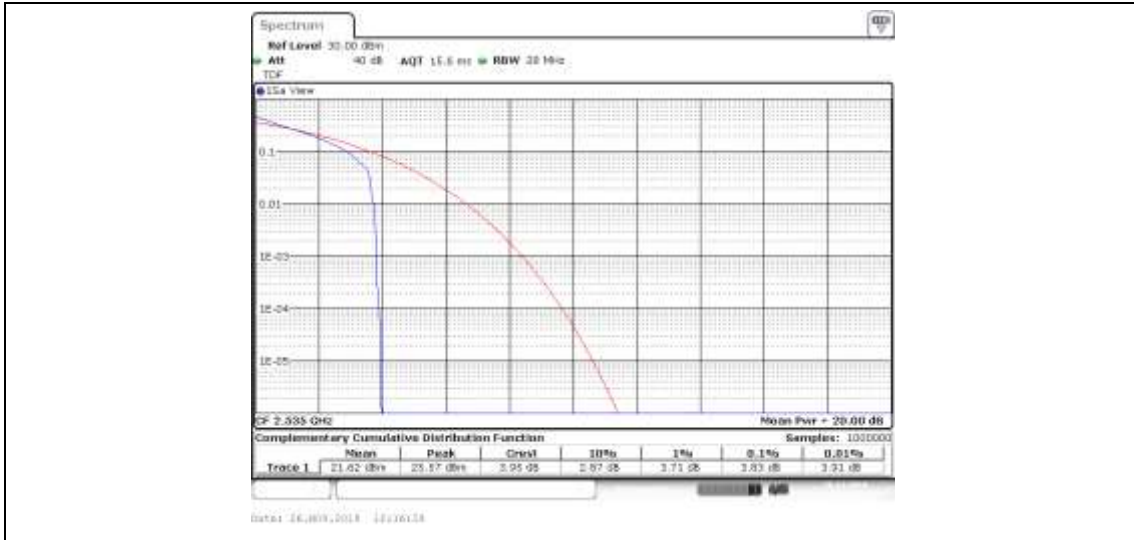
Tel.: (86)755-27521059

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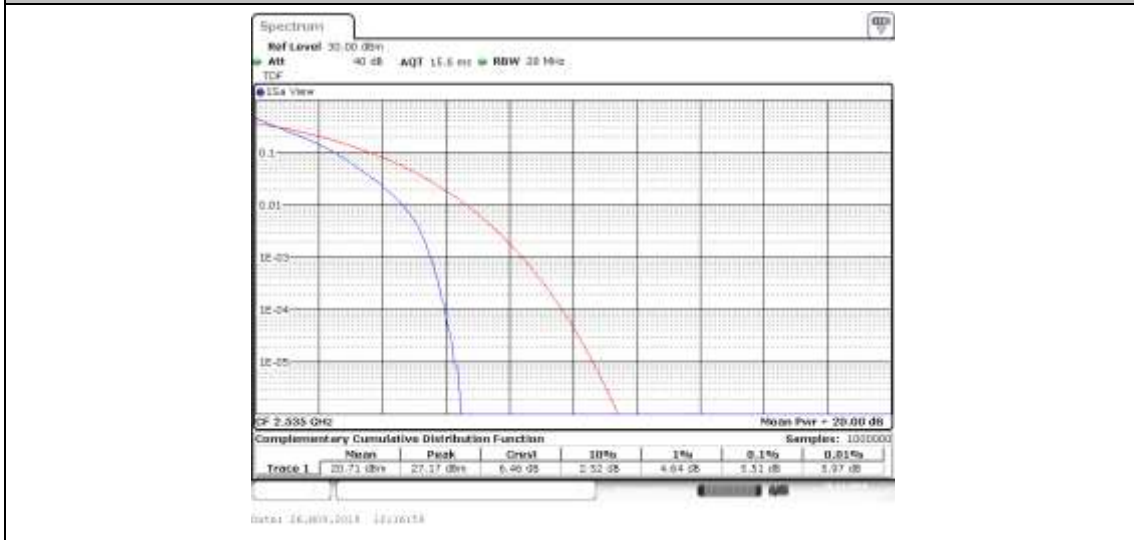
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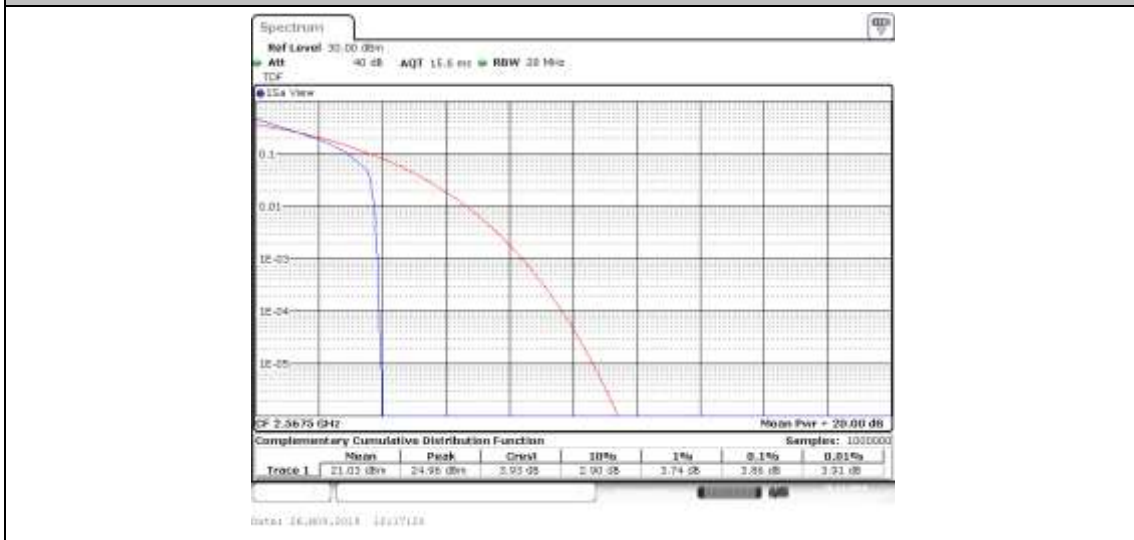
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Band7_5MHz_QPSK_21100_25RB#0



Band7_5MHz_QPSK_21425_1RB#0



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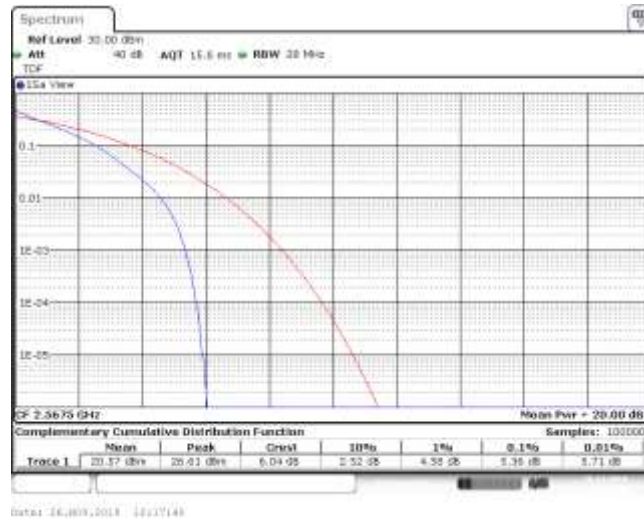
Tel.: (86)755-27521059

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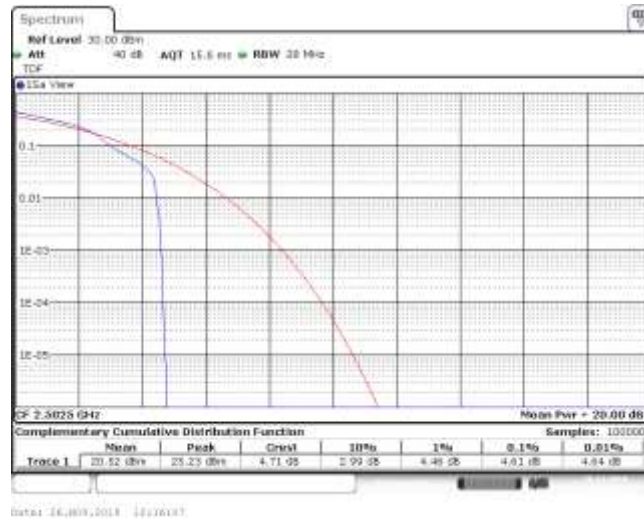
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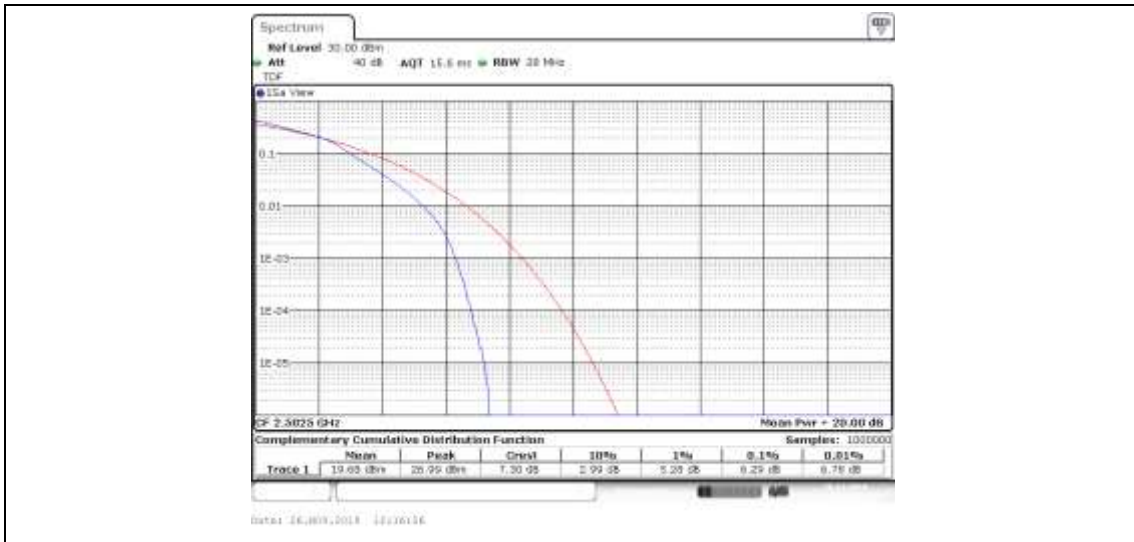
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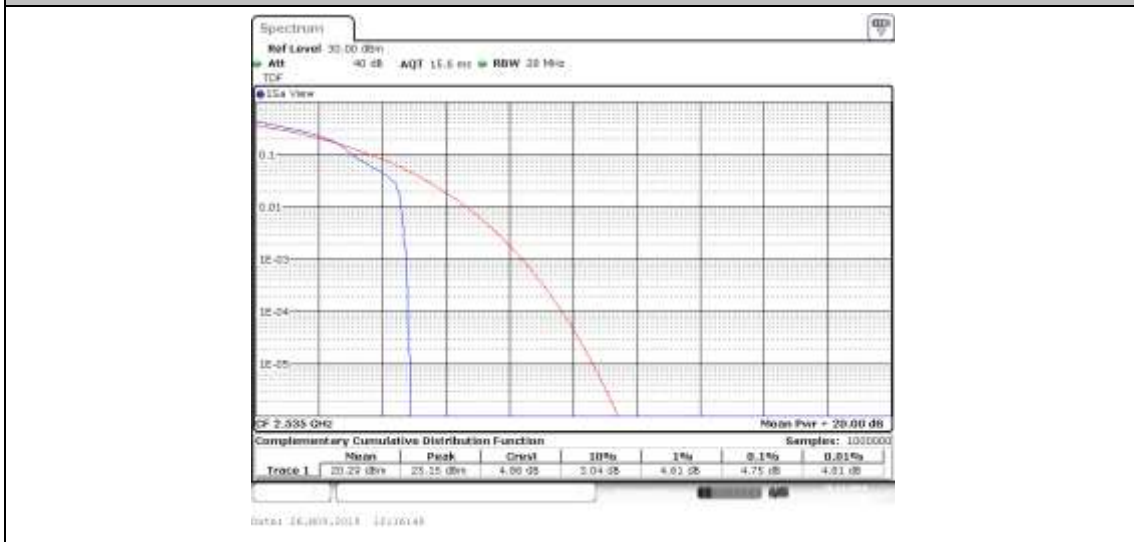
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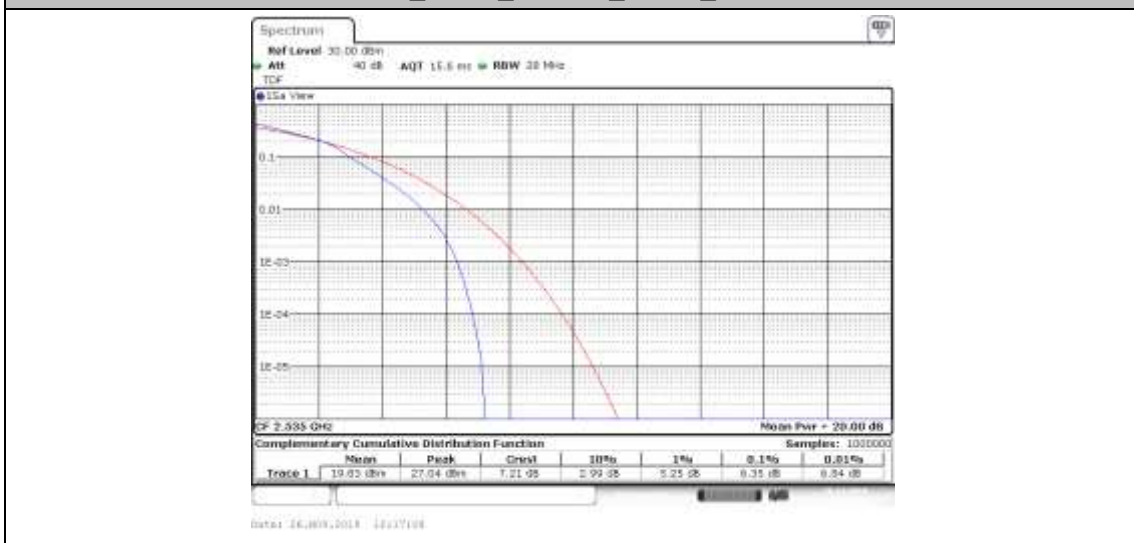
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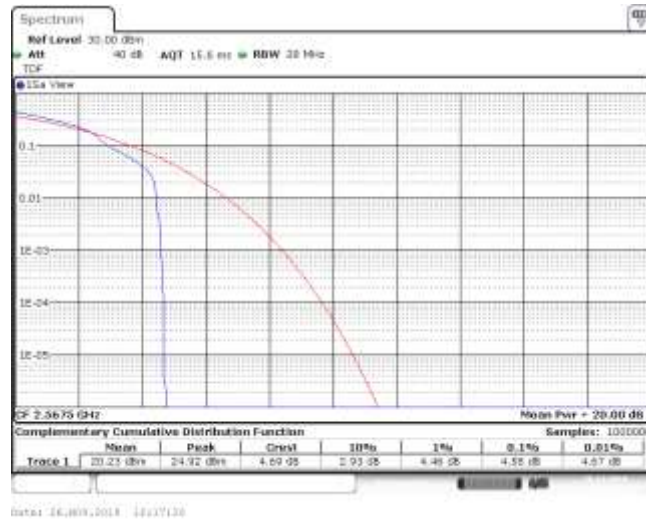
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

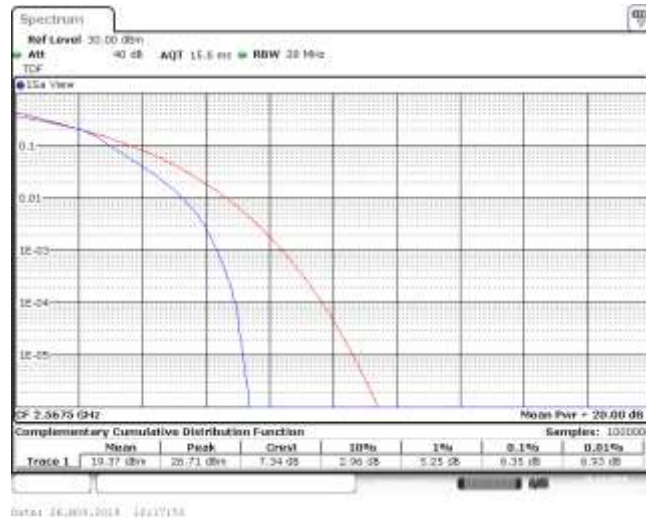
Fax: (86)755-27521011

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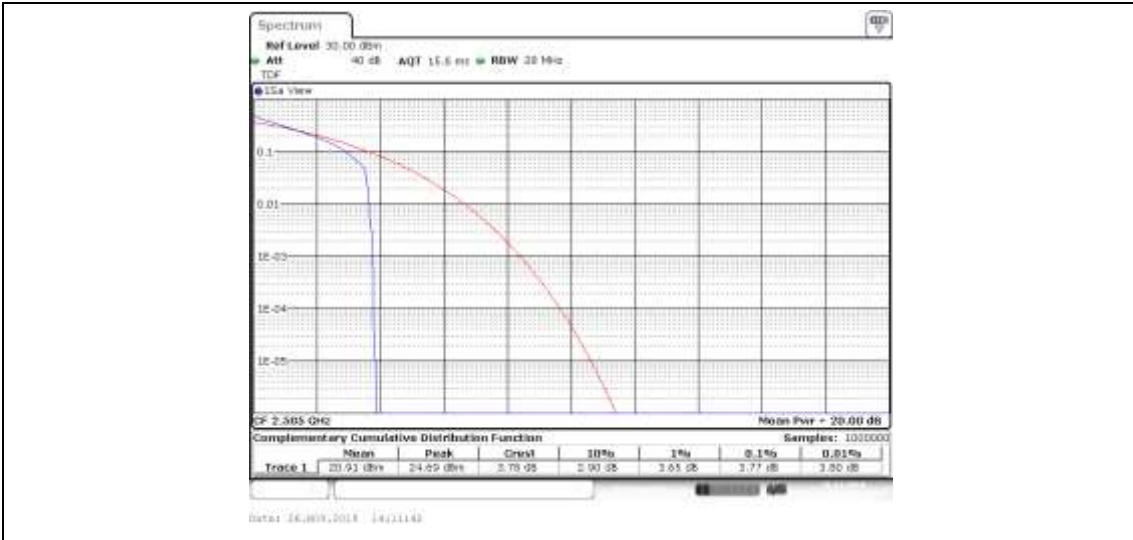
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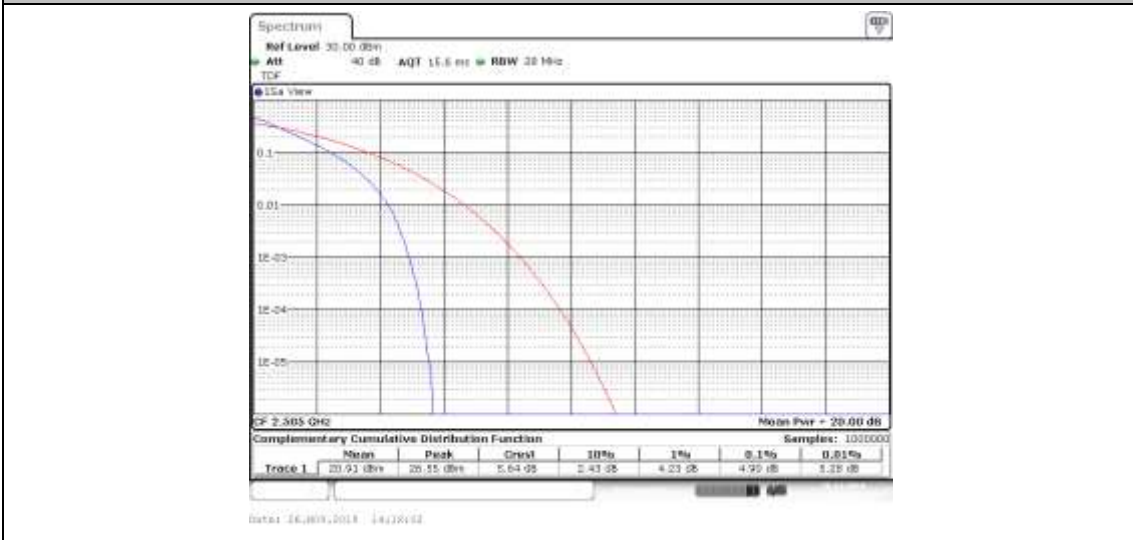
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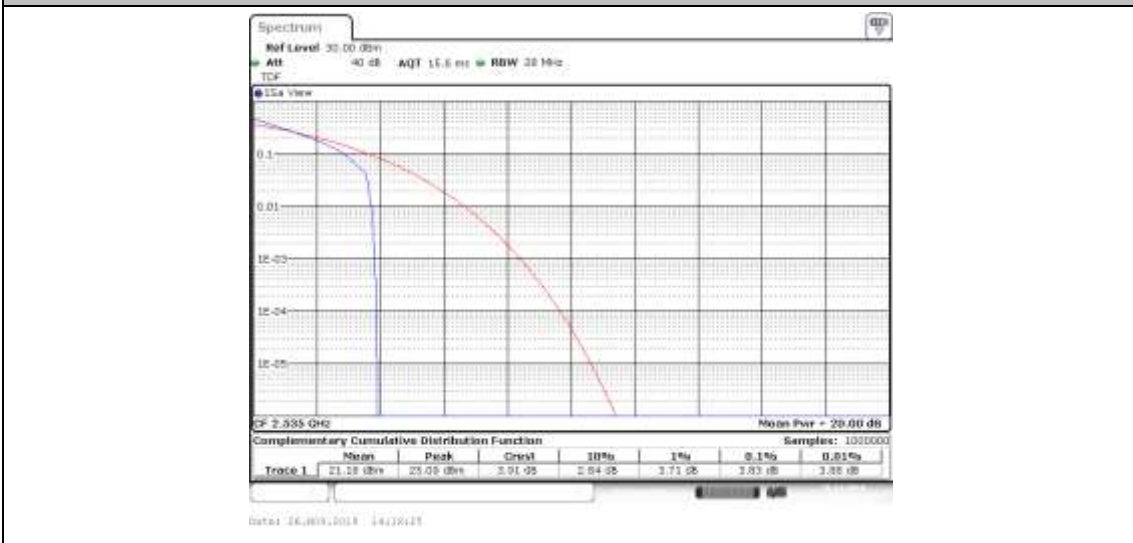
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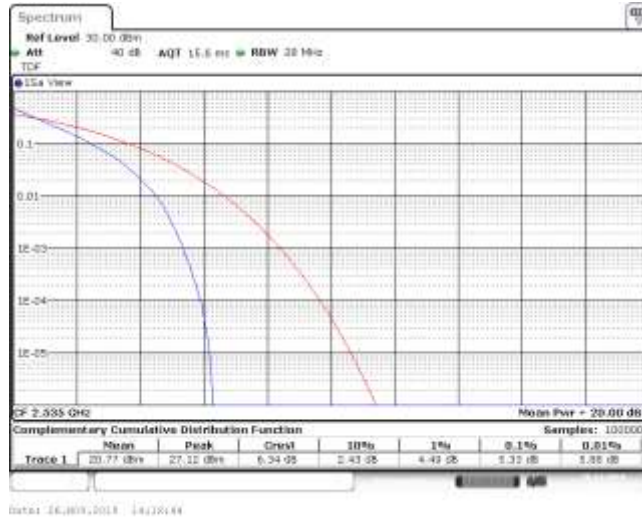
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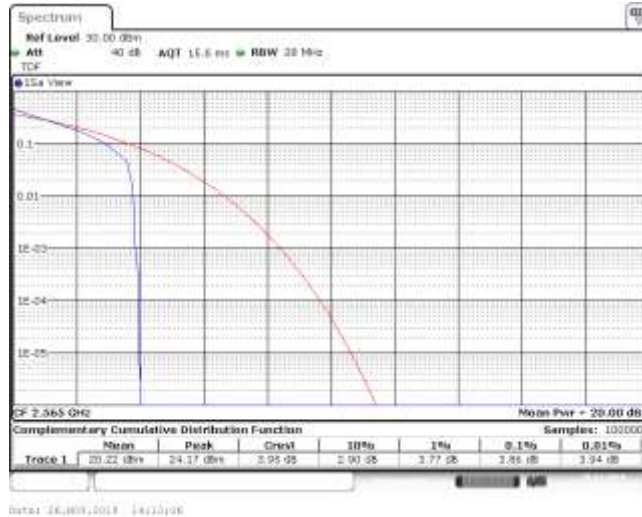
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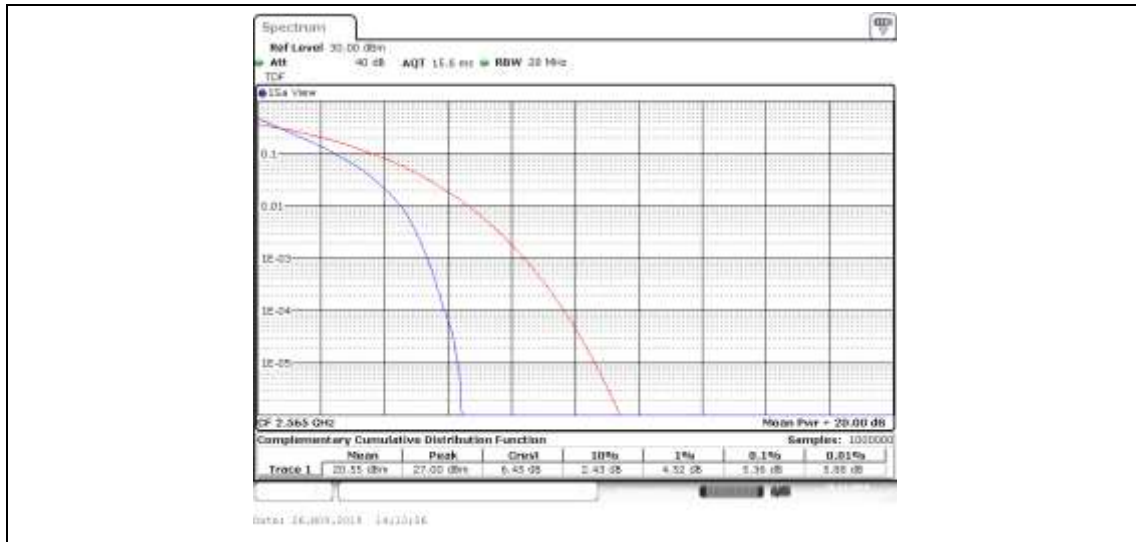
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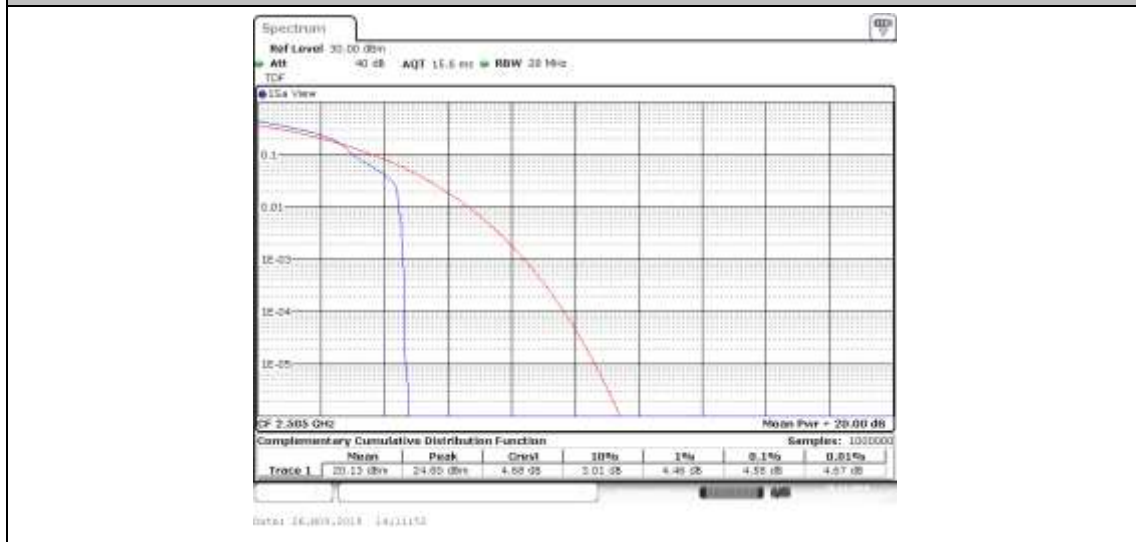
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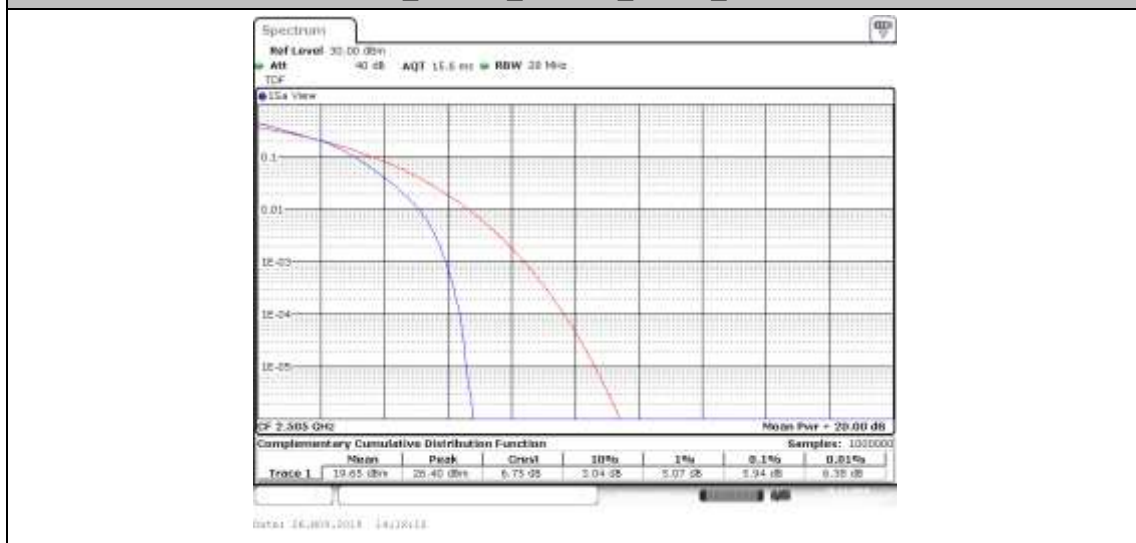
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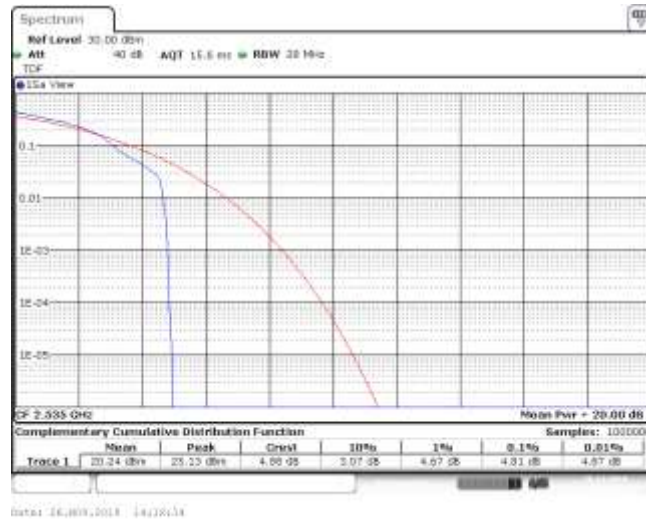
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

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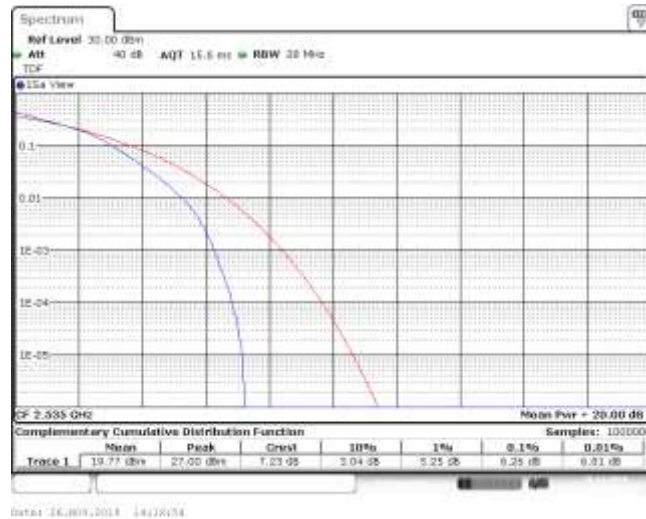
Fax: (86)755-27521011

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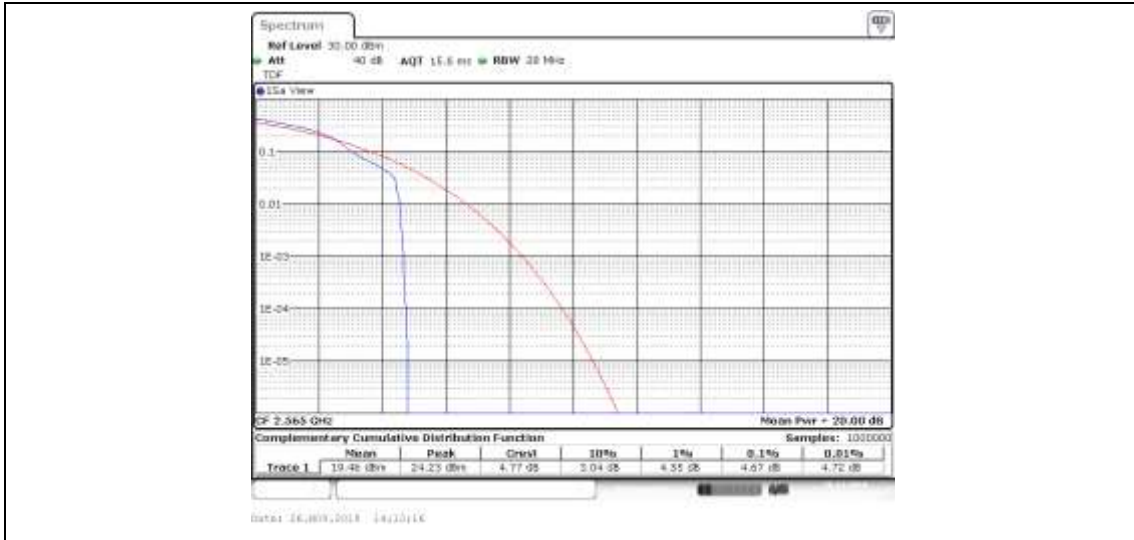
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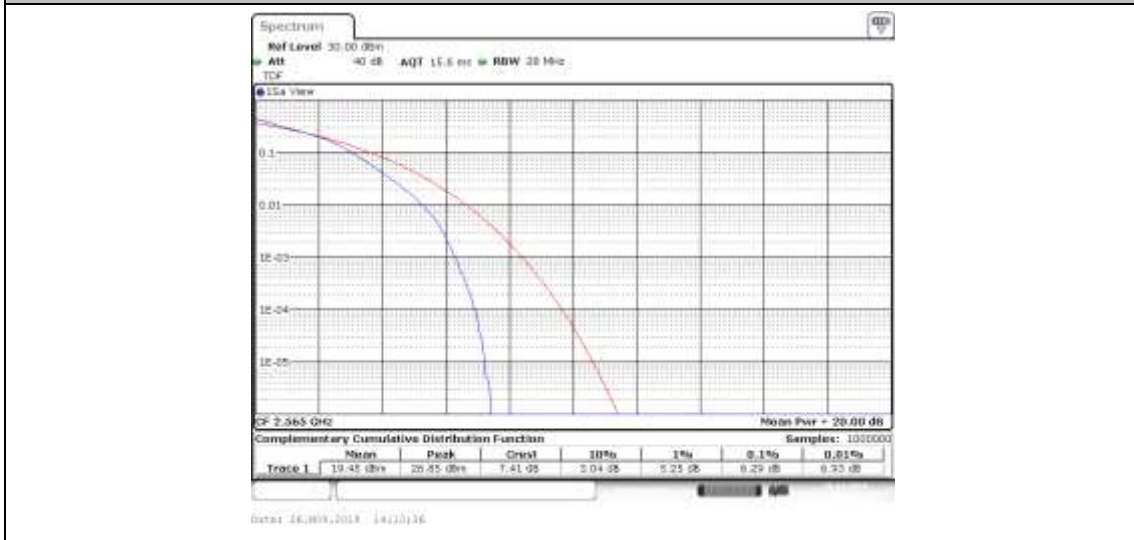
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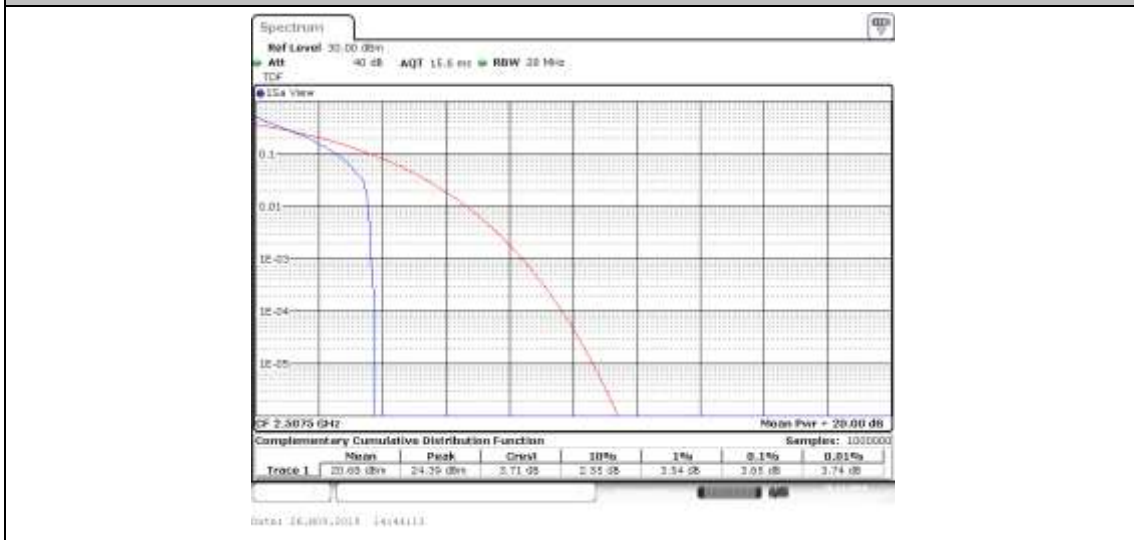
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Band7_10MHz_16QAM_21400_50RB#0



Band7_15MHz_QPSK_20825_1RB#0



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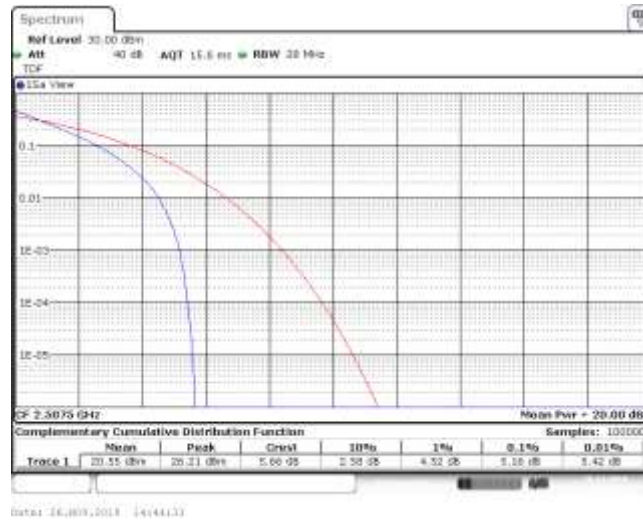
Tel.: (86)755-27521059

Fax: (86)755-27521011

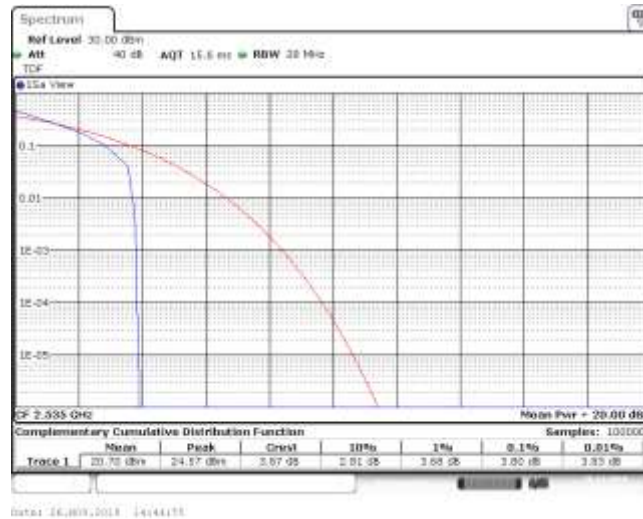
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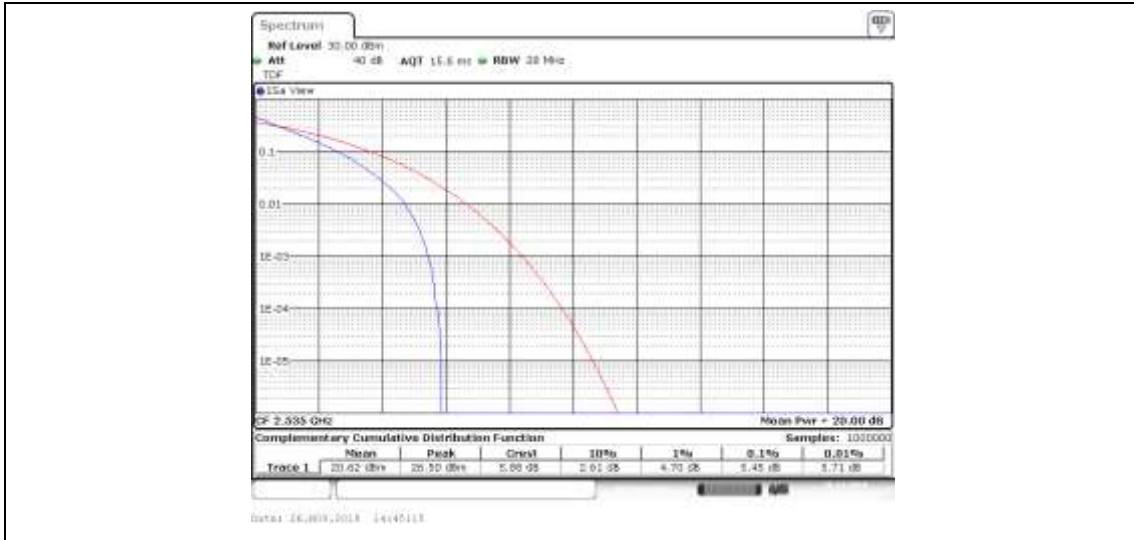
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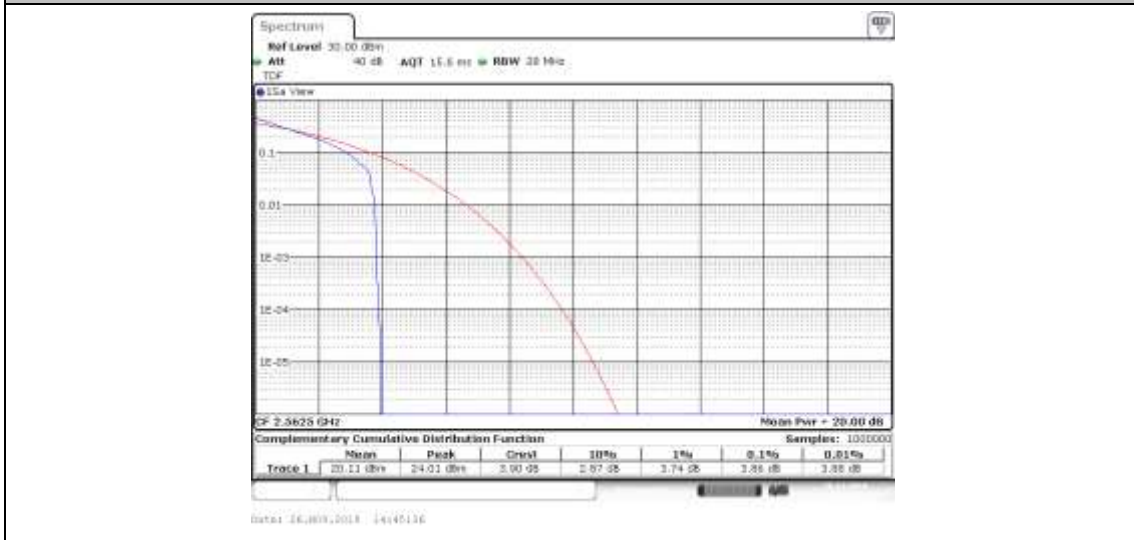
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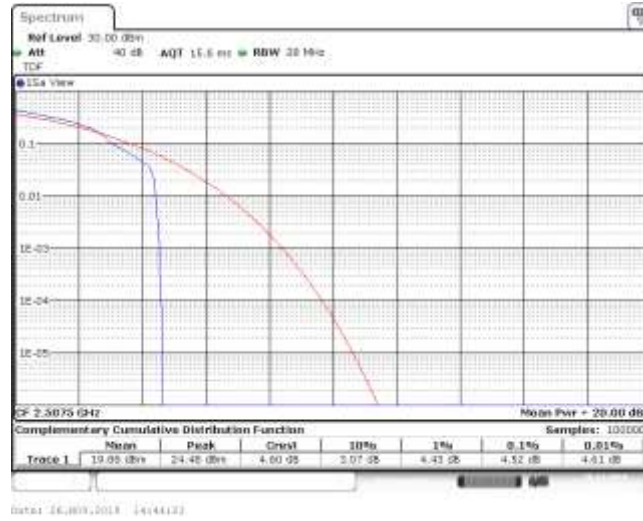
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Tel.: (86)755-27521059

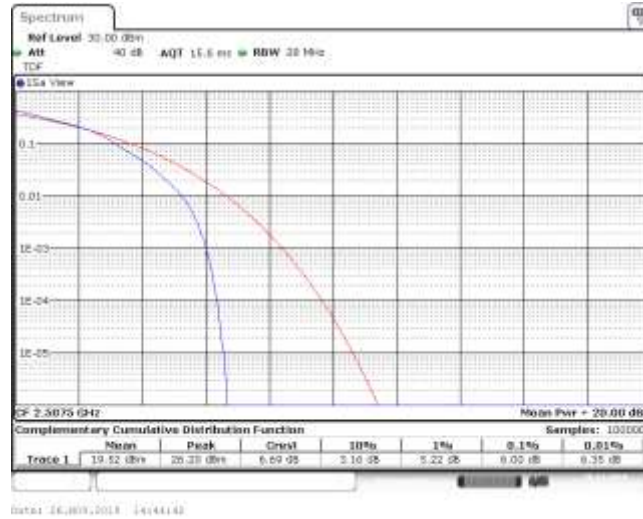
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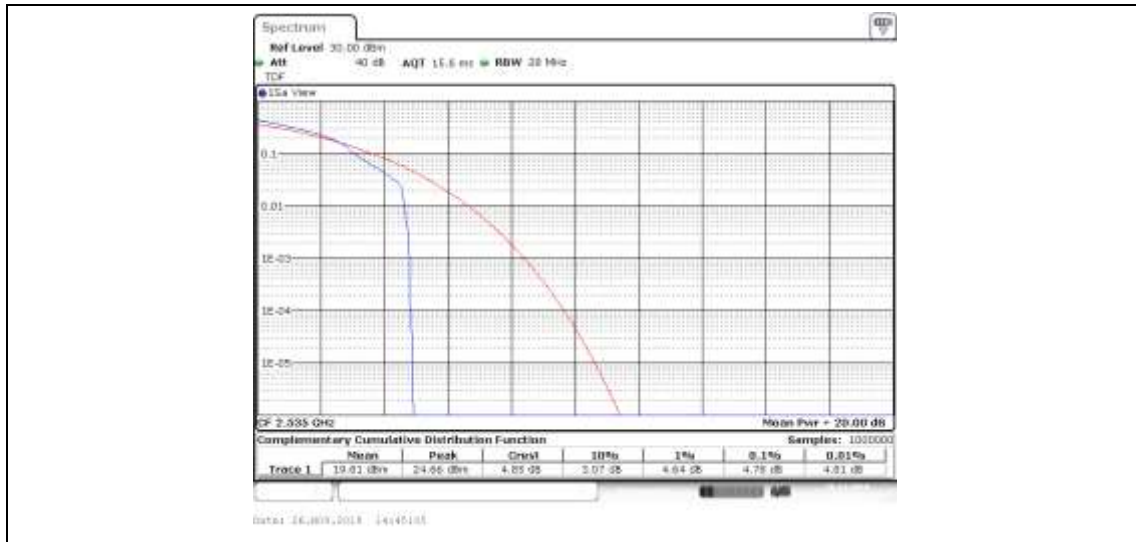
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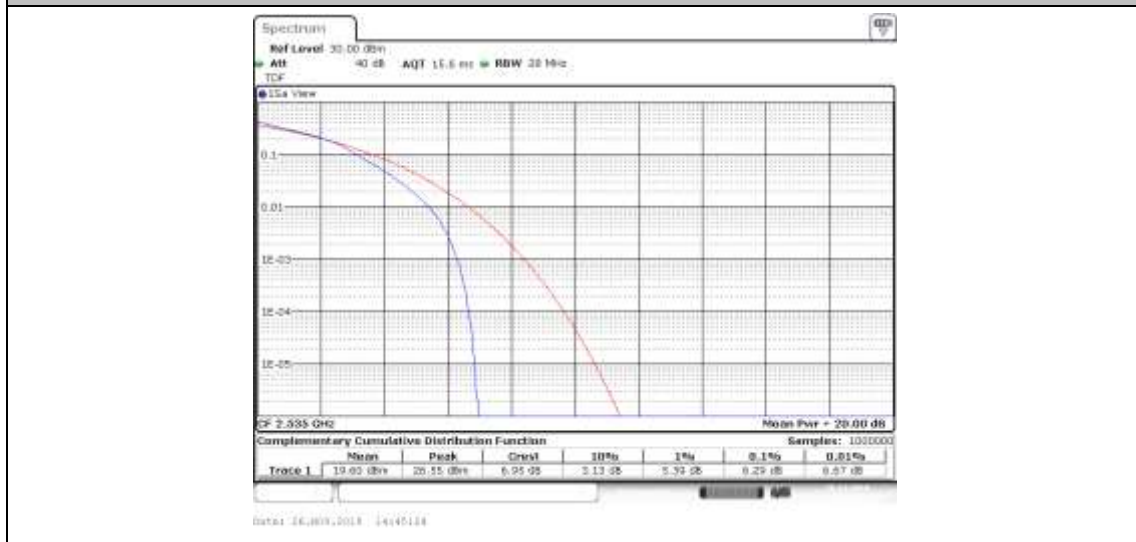
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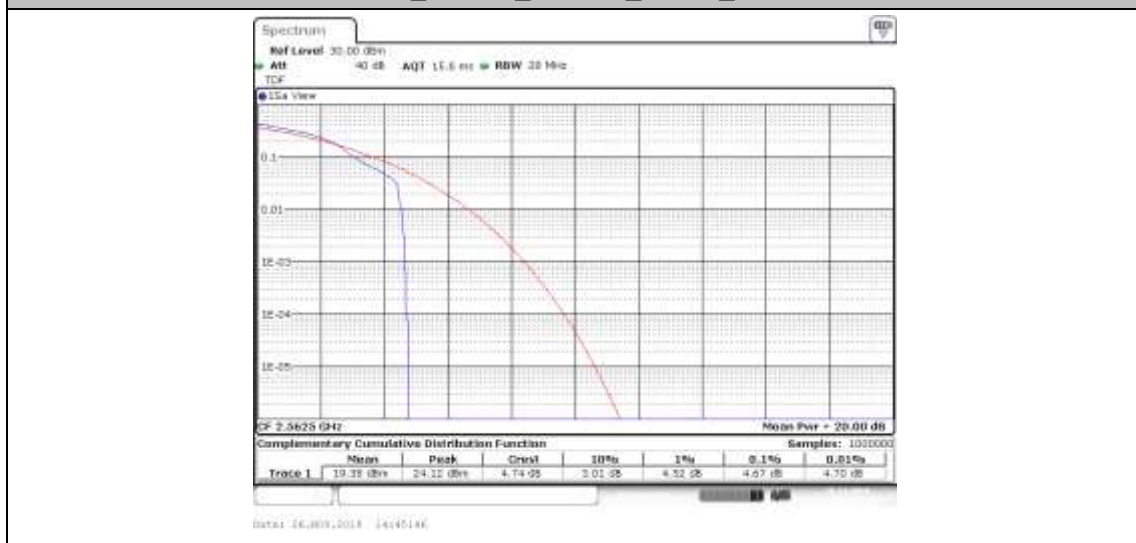
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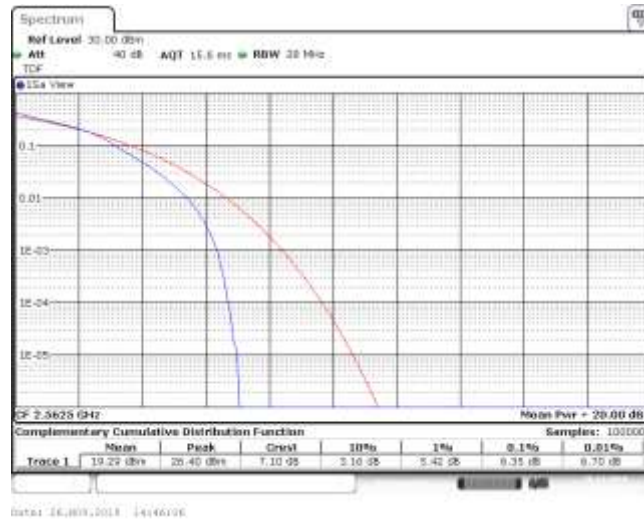
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Tel.: (86)755-27521059

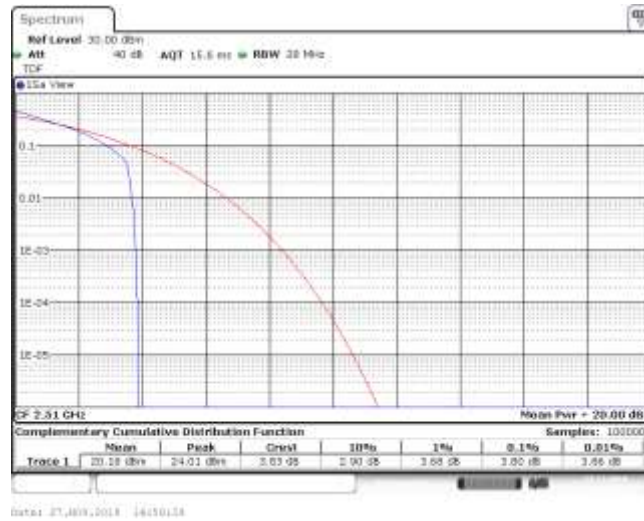
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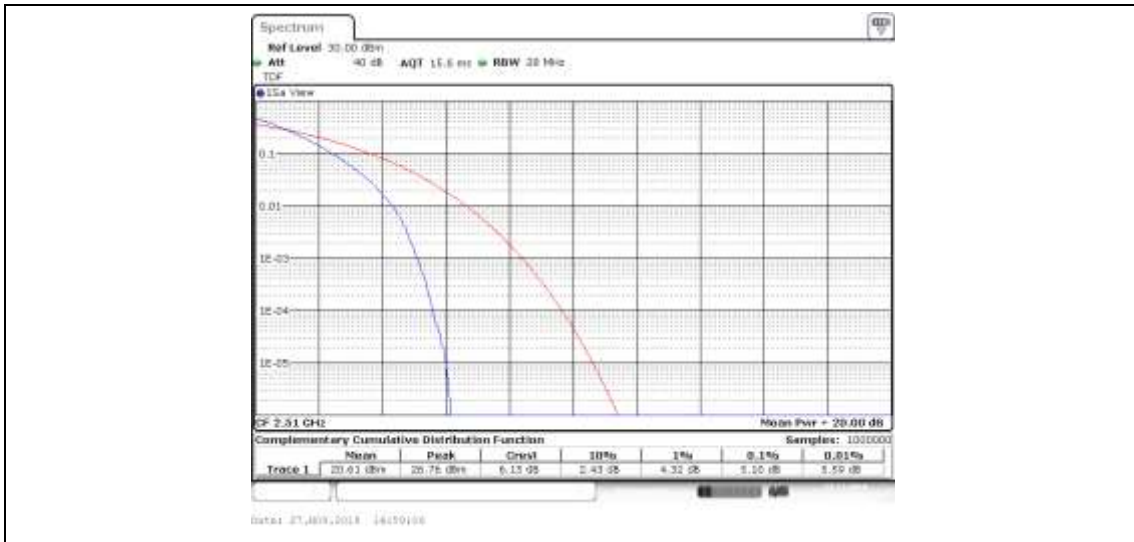
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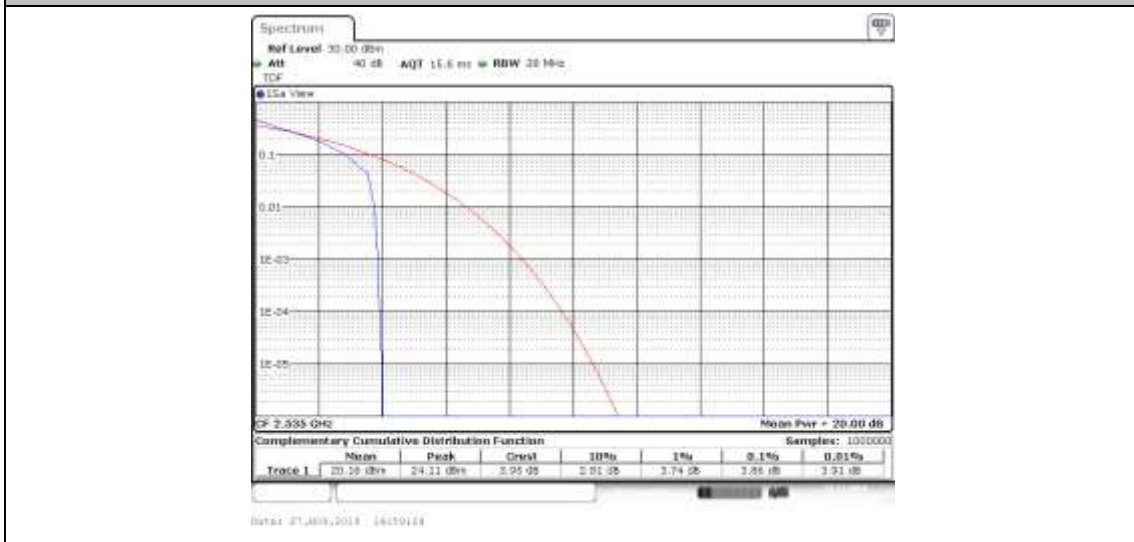
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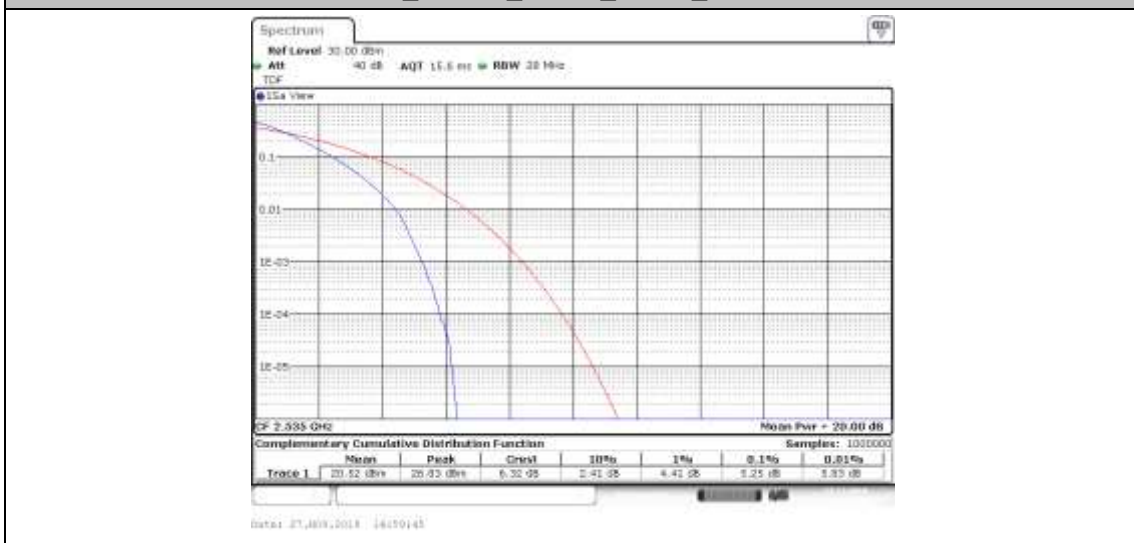
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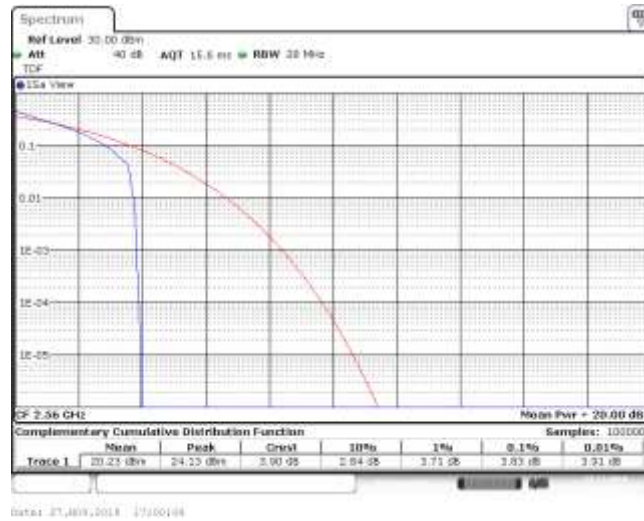
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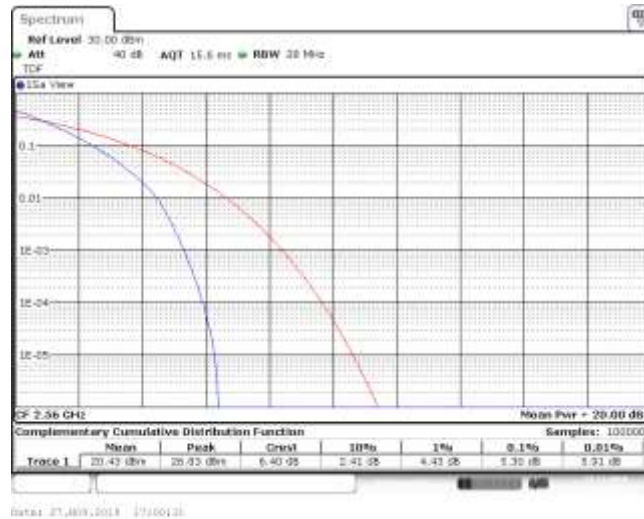
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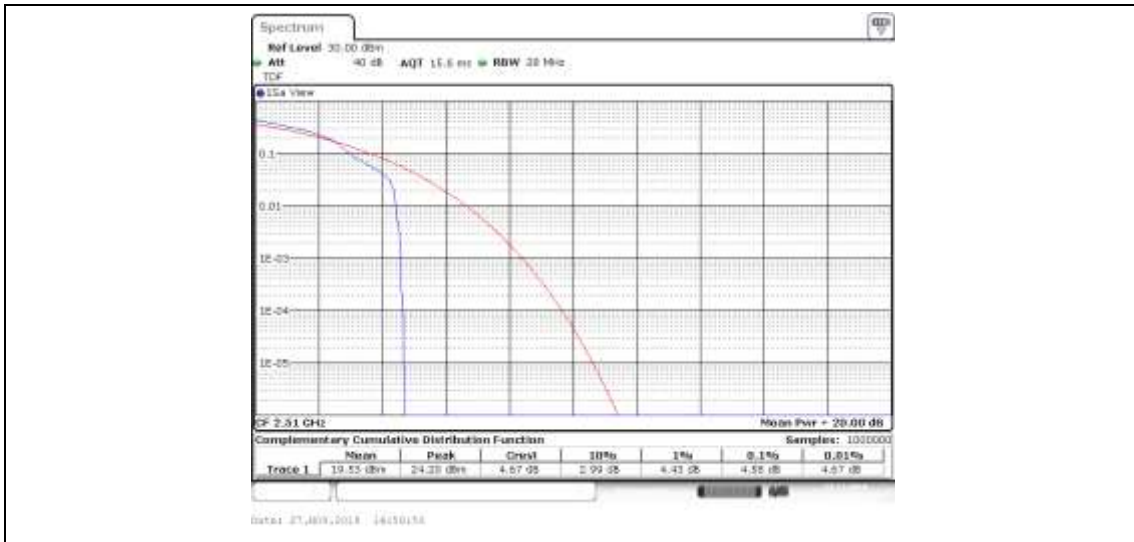
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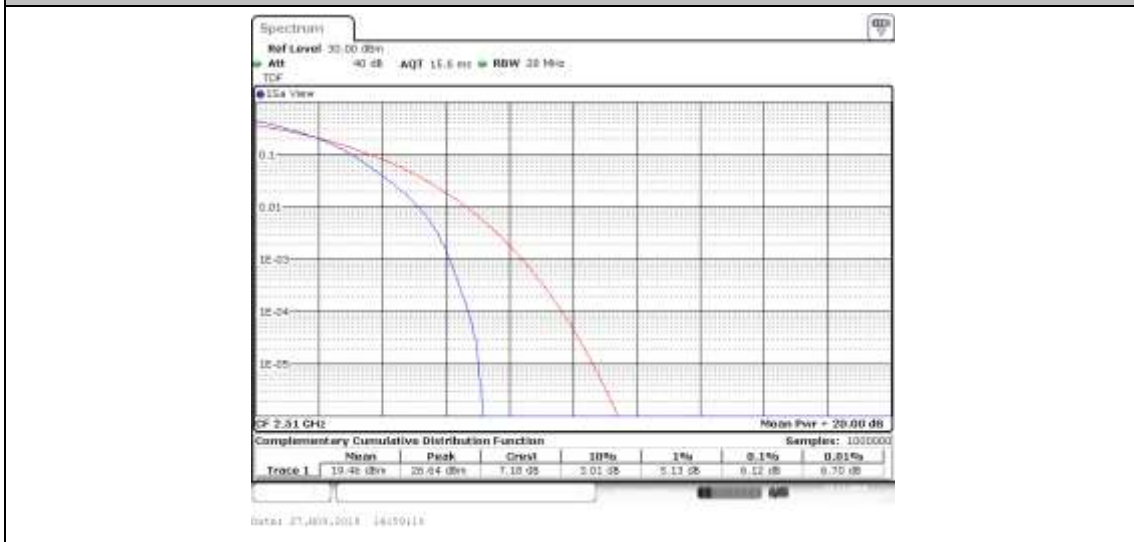
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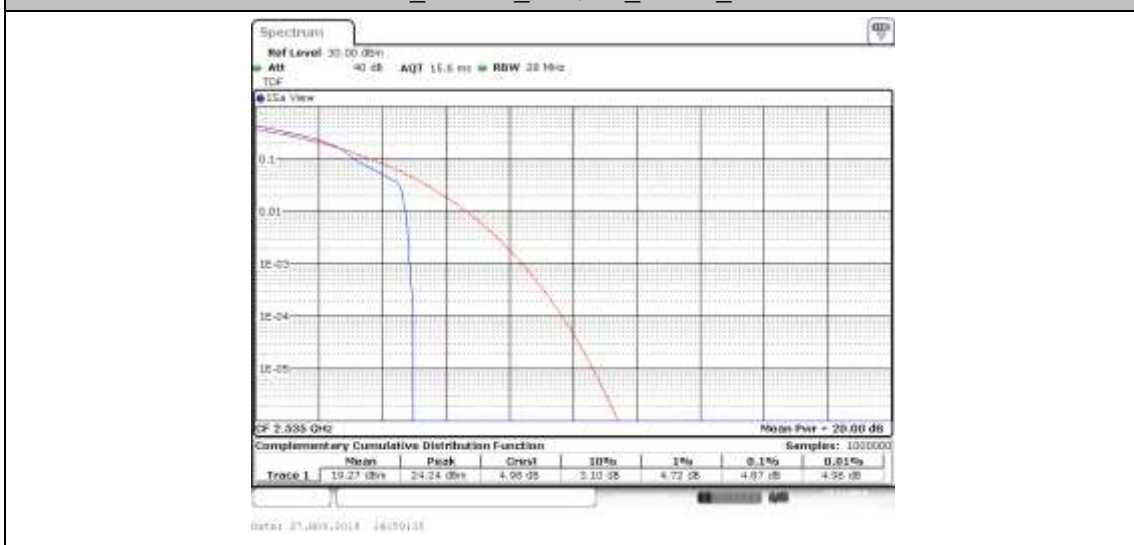
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Band7_20MHz_16QAM_21100_1RB#0



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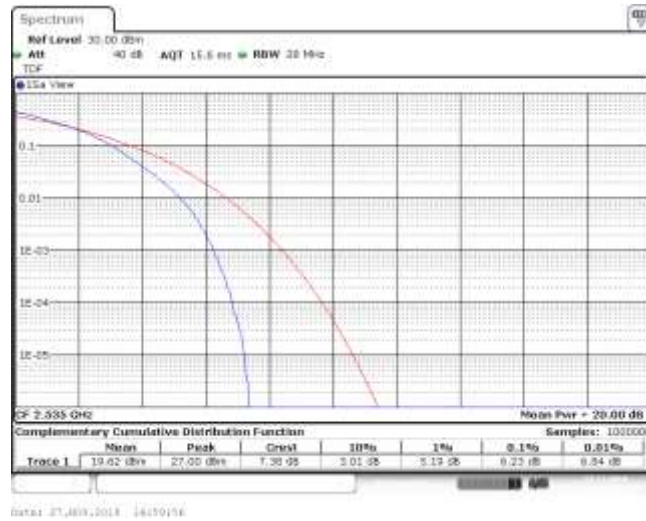
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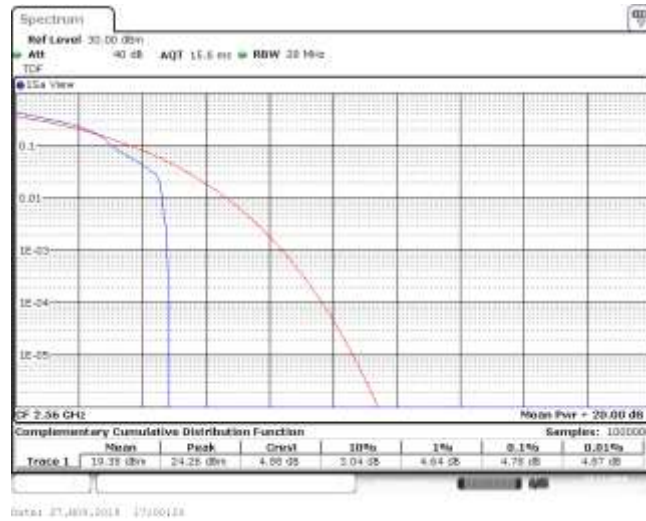
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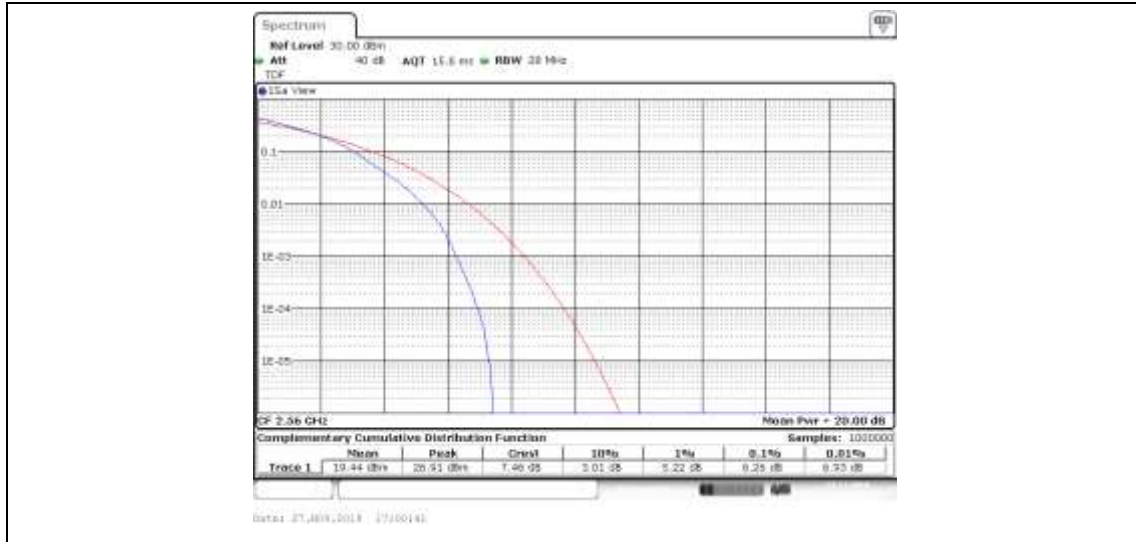
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Band7_20MHz_16QAM_21350_1RB#0



Band7_20MHz_16QAM_21350_100RB#0



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Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.496	4.780	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.496	4.770	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.496	4.800	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.496	4.780	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.505	4.780	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.505	4.770	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.985	9.533	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.985	9.533	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.985	9.533	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.952	9.533	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.952	9.533	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.918	9.533	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.428	14.300	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.428	14.300	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.478	14.300	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.428	14.300	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.428	14.300	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.478	14.300	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.903	19.267	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.97	19.333	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.97	19.333	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.97	19.267	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.97	19.333	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.97	19.333	PASS

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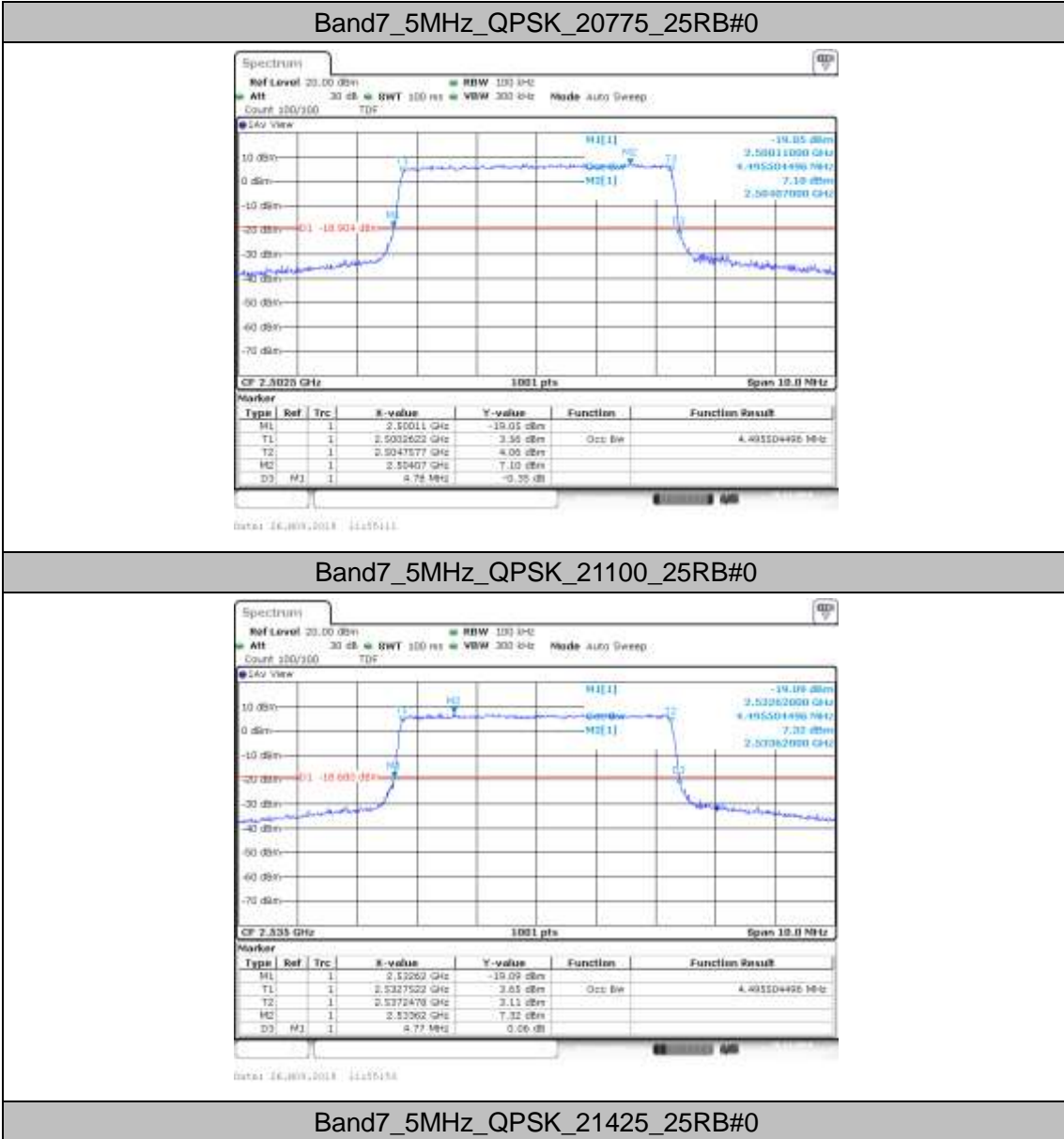
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Test Graphs



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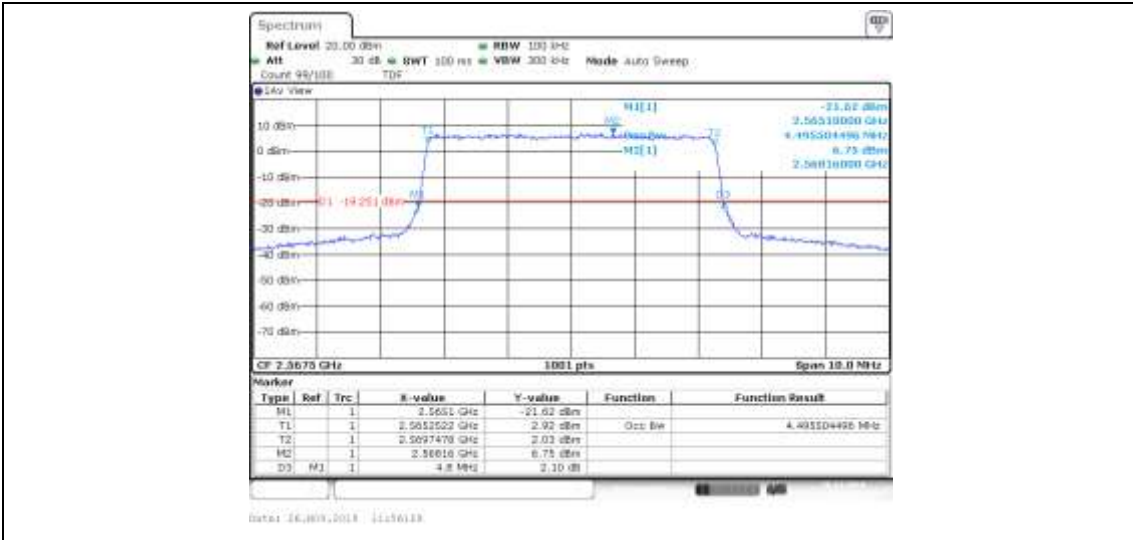
Tel.: (86)755-27521059

Fax: (86)755-27521011

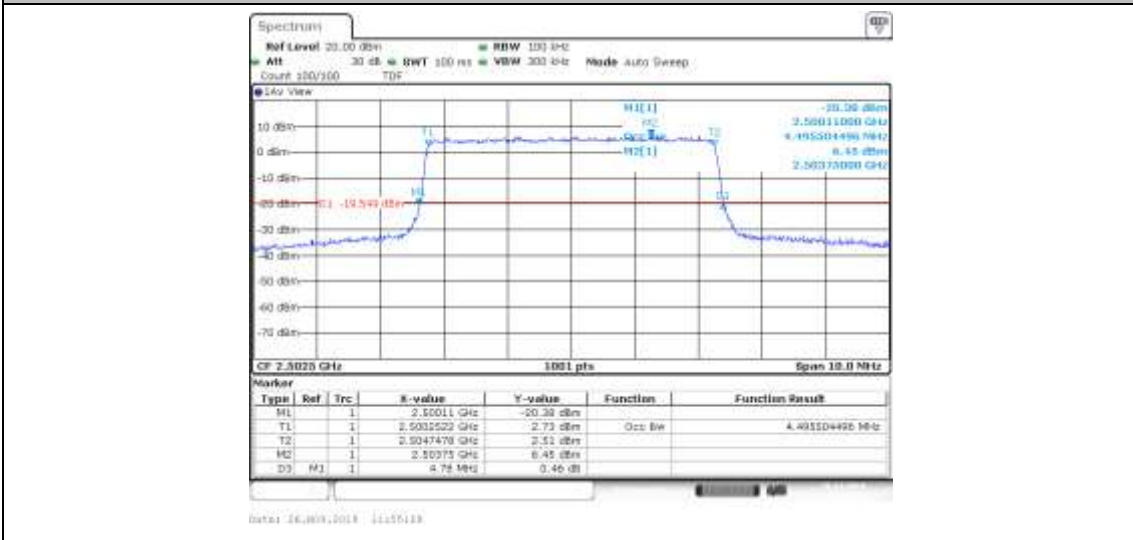
Http://www.sz-ctc.org.cn



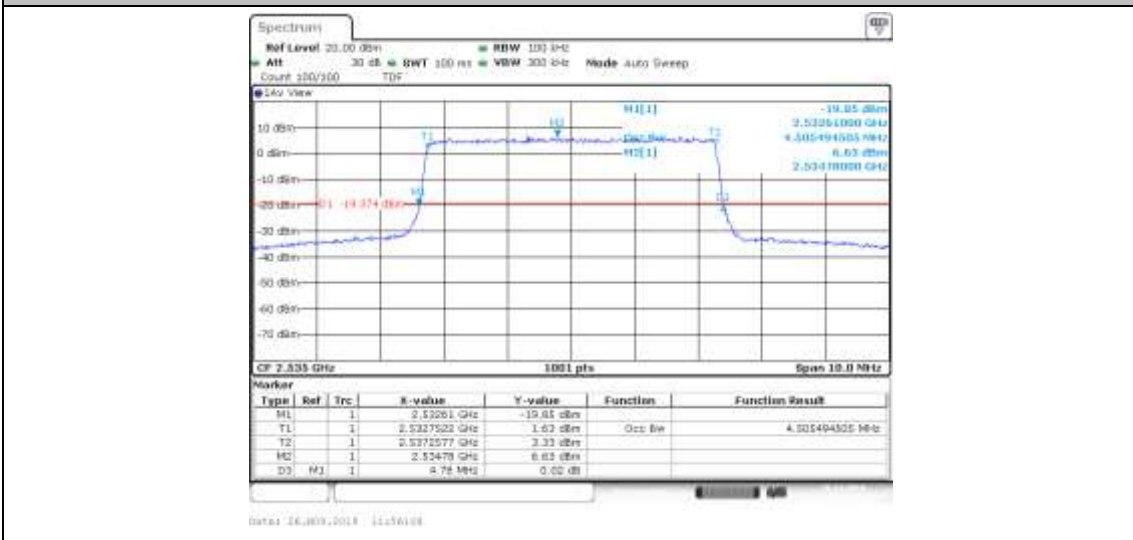
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Band7_5MHz_16QAM_20775_25RB#0



Band7_5MHz_16QAM_21100_25RB#0



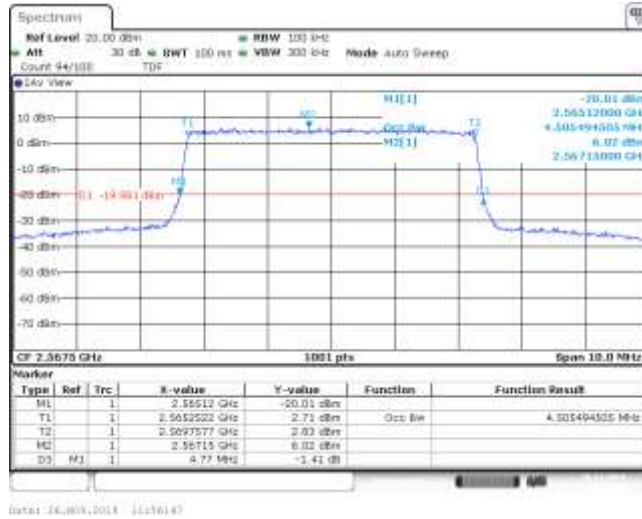
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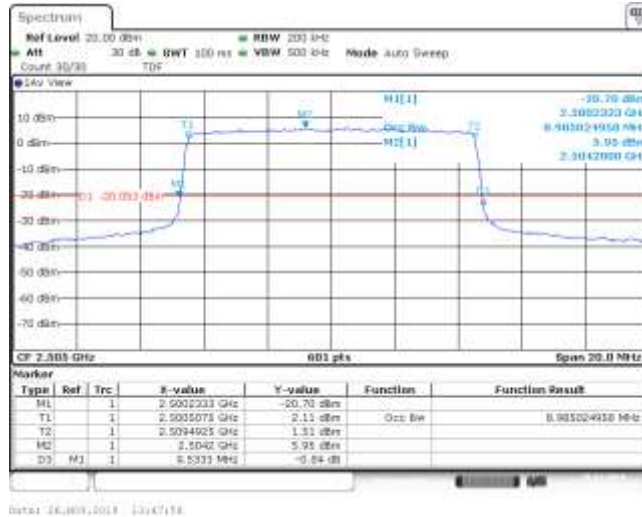


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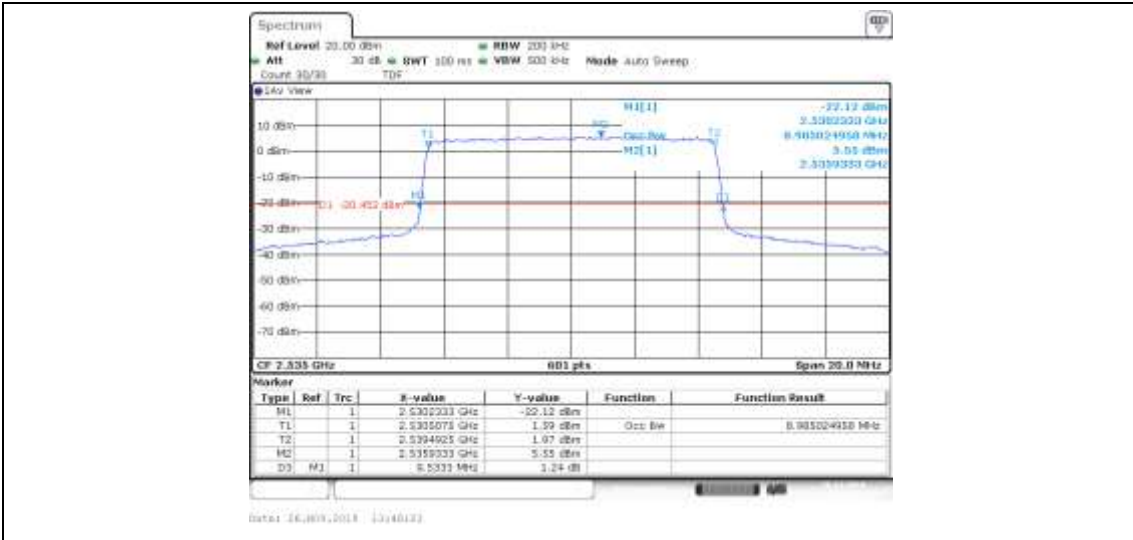
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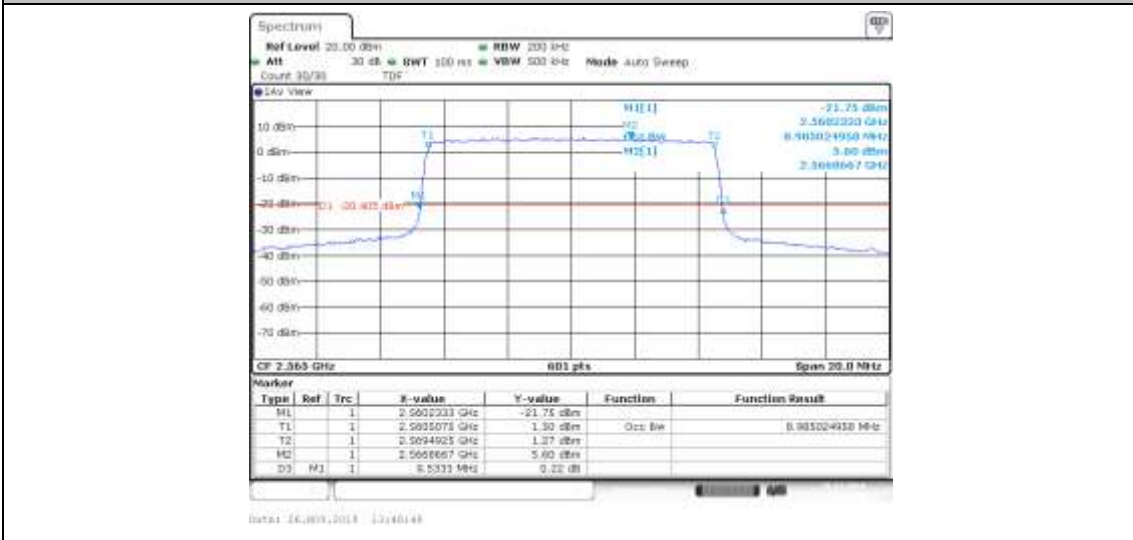
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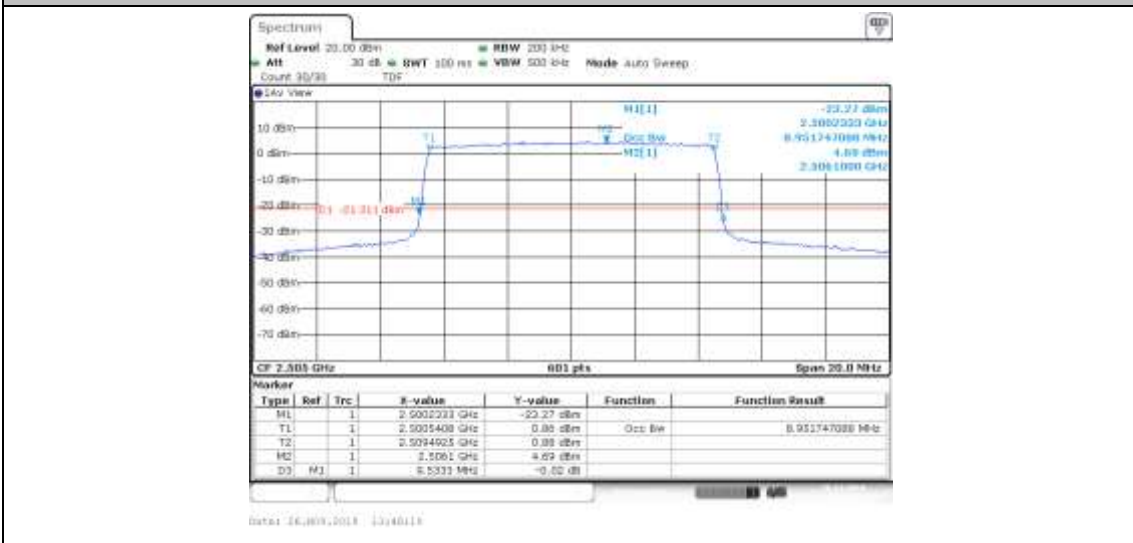
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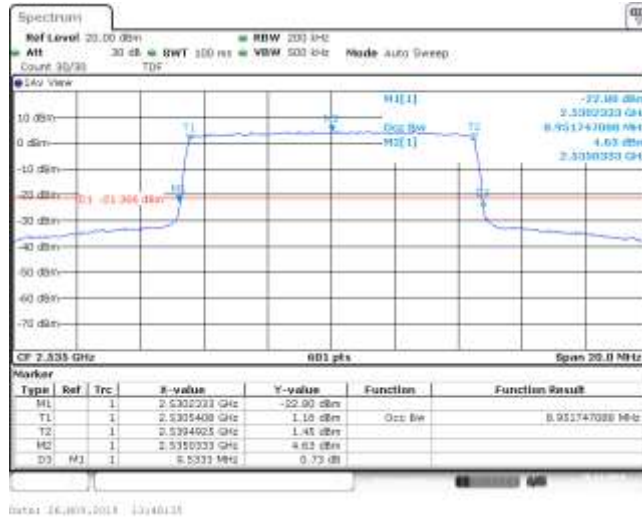
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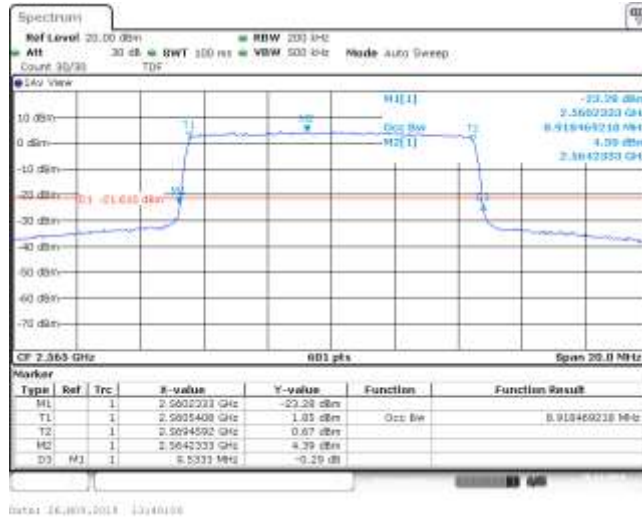
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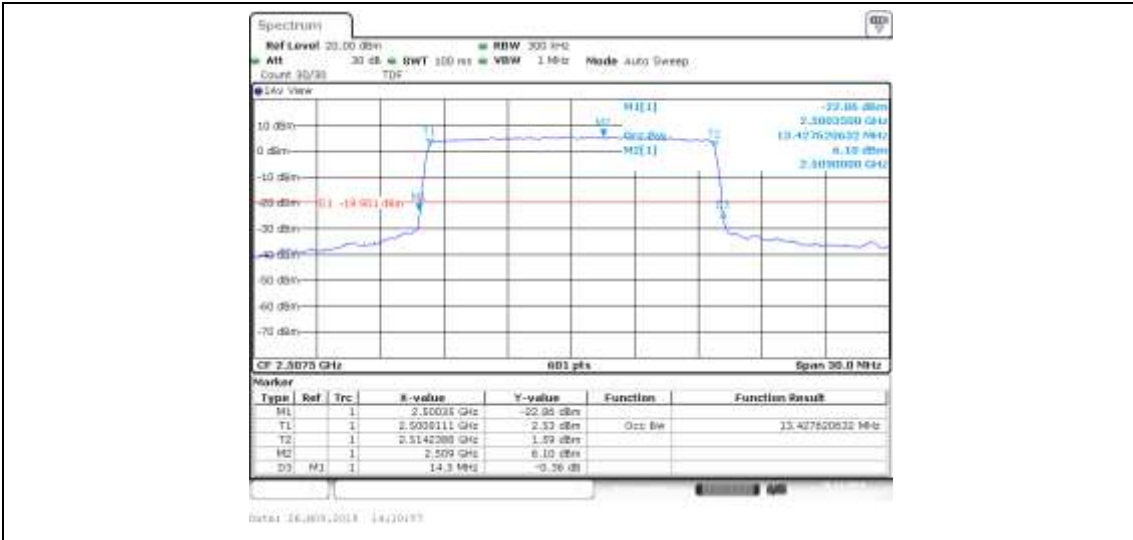
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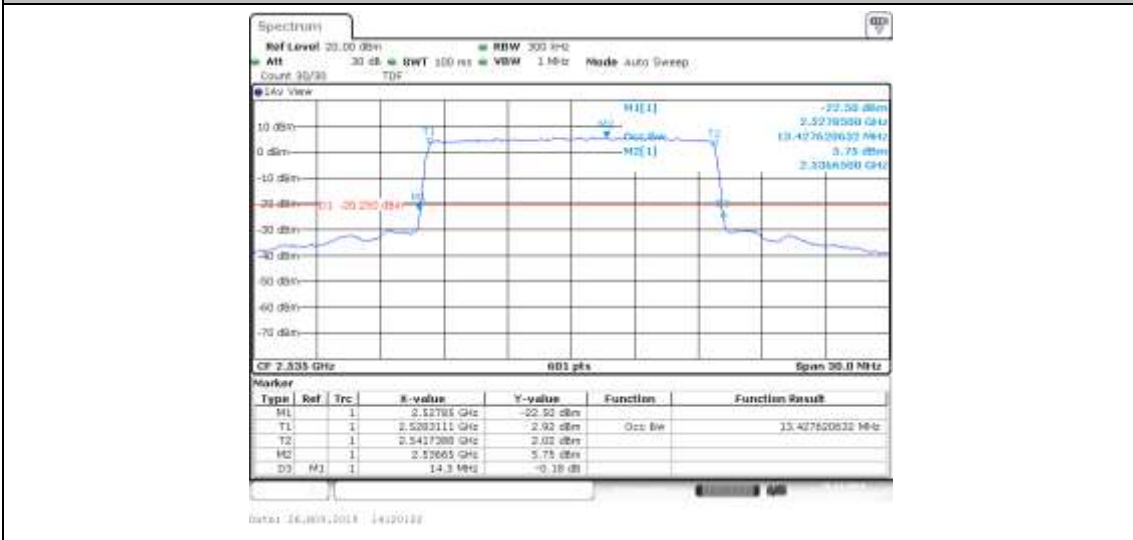
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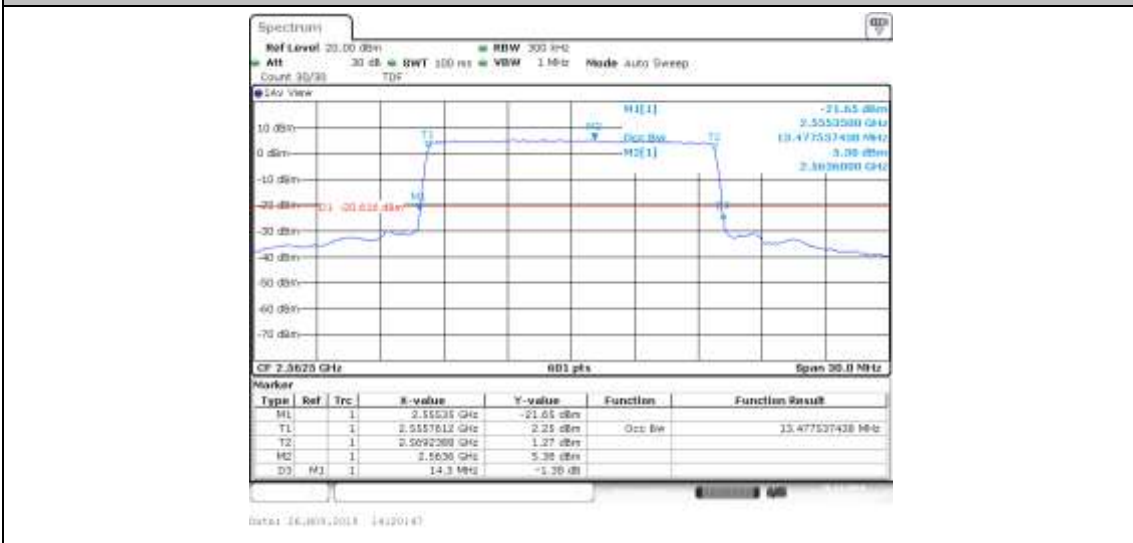
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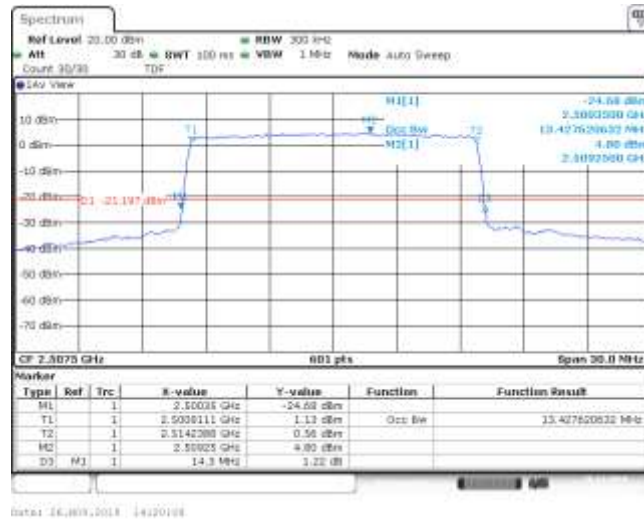
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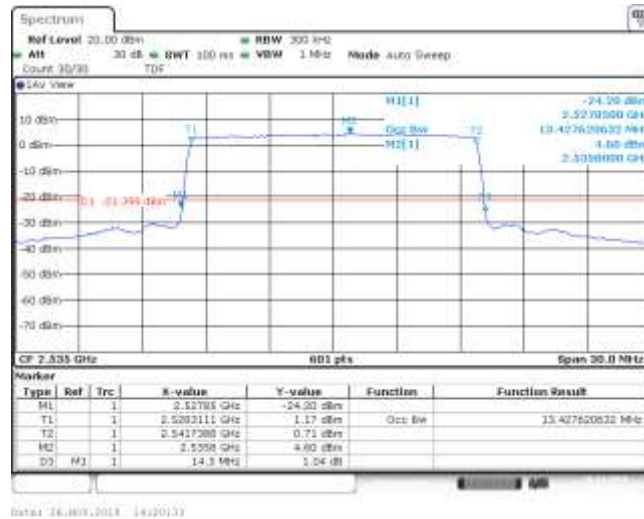
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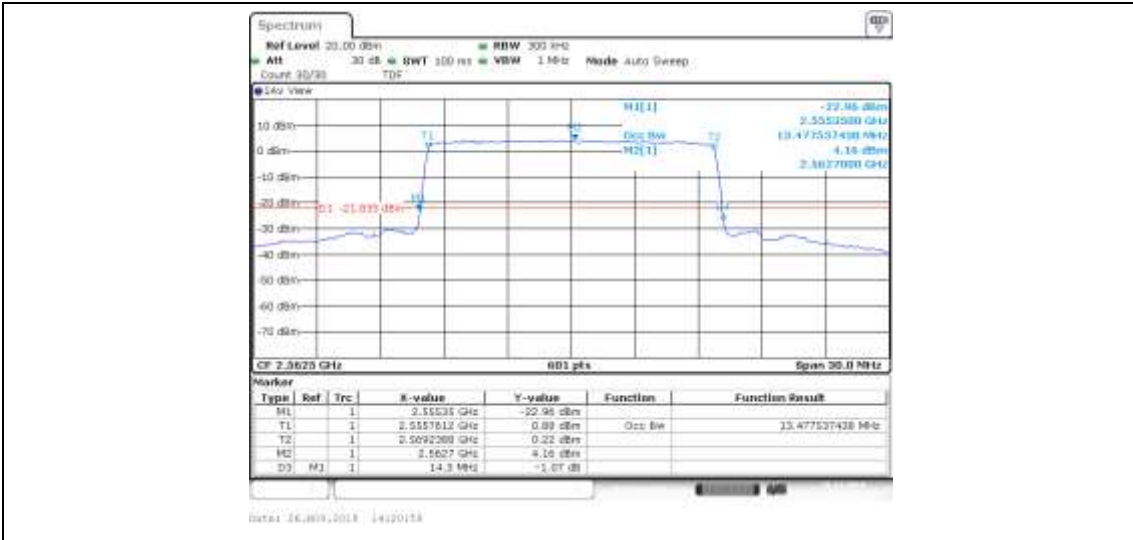
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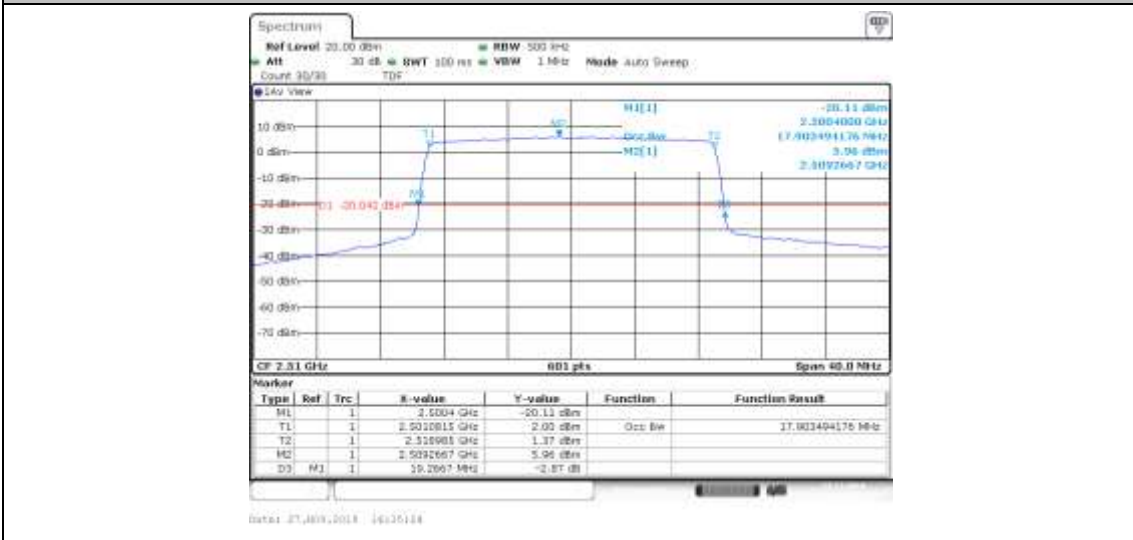
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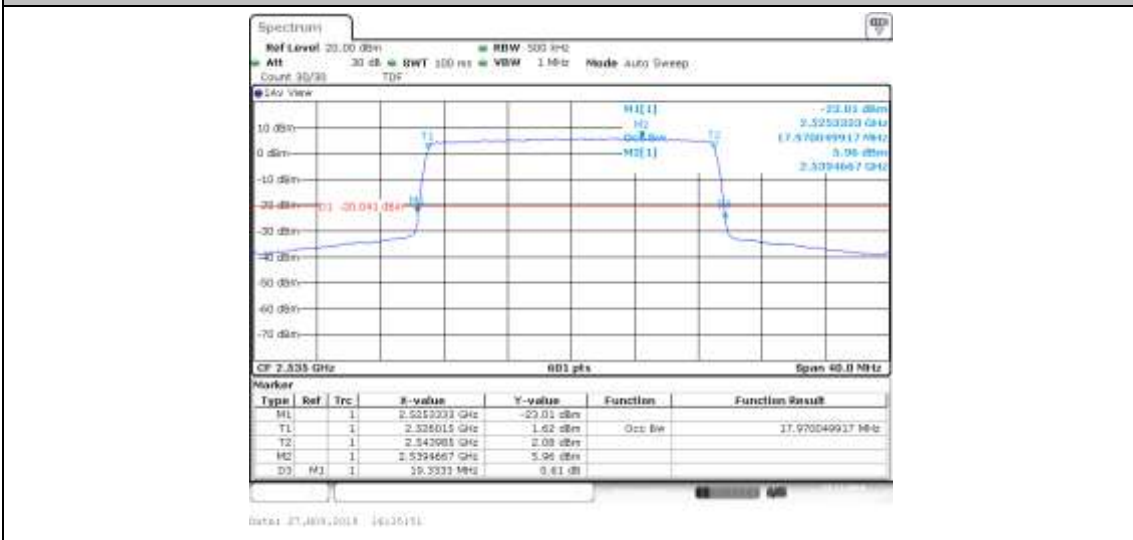
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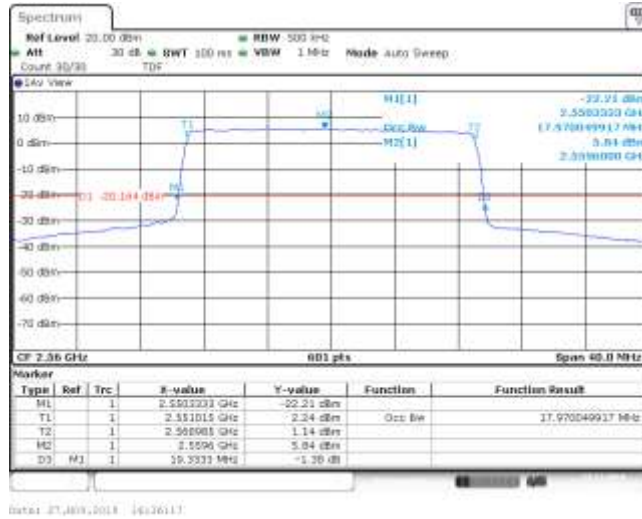
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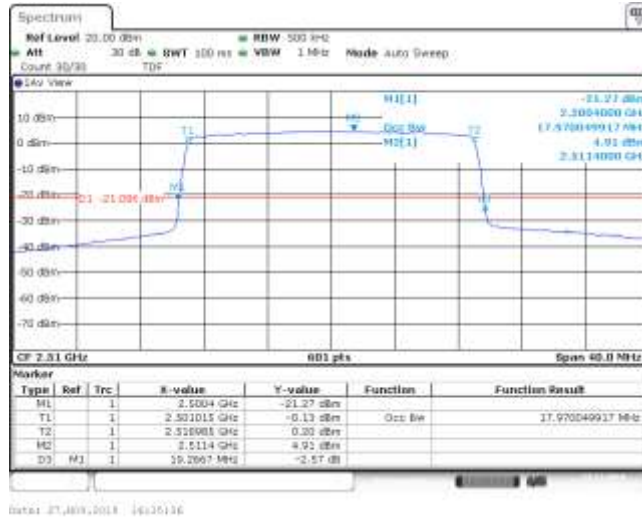
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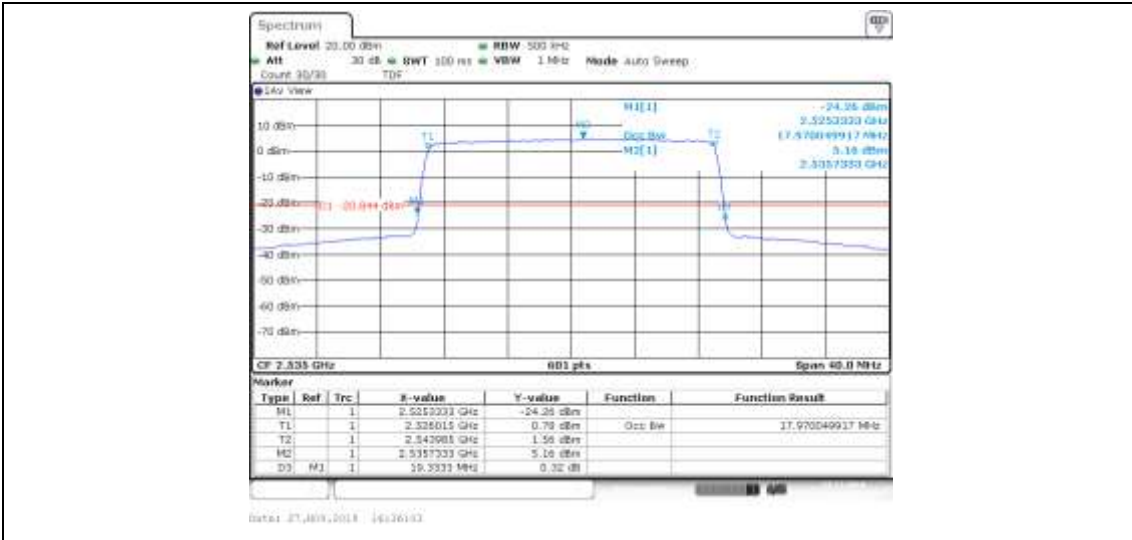
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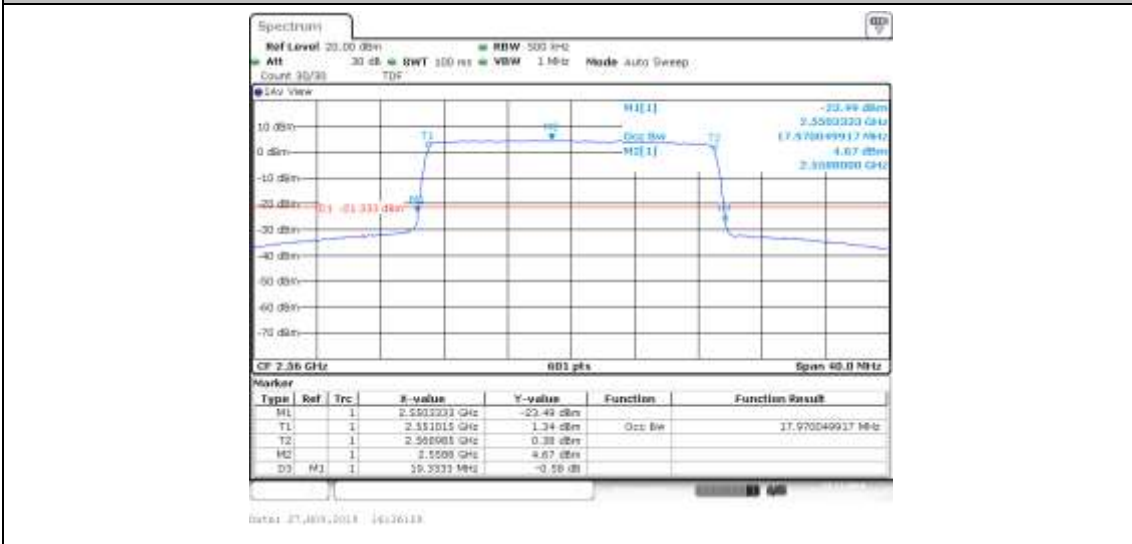
Band7_20MHz_16QAM_20850_100RB#0



Band7_20MHz_16QAM_21100_100RB#0



Band7_20MHz_16QAM_21350_100RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-52.12,-41.02,-19.43	PASS
Band7	5MHz	QPSK	20775	1RB#12	-51.86,-52.15,-48.27	PASS
Band7	5MHz	QPSK	20775	1RB#24	-51.73,-43.35,-44.40	PASS
Band7	5MHz	QPSK	20775	25RB#0	-48.97,-39.52,-29.40	PASS
Band7	5MHz	QPSK	21425	1RB#0	-52.27,-52.53,-31.52	PASS
Band7	5MHz	QPSK	21425	1RB#12	-51.90,-51.92,-48.06	PASS
Band7	5MHz	QPSK	21425	1RB#24	-51.10,-51.73,-21.07	PASS
Band7	5MHz	QPSK	21425	25RB#0	-44.75,-43.85,-27.93	PASS
Band7	5MHz	16QAM	20775	1RB#0	-51.89,-40.60,-21.80	PASS
Band7	5MHz	16QAM	20775	1RB#12	-52.34,-52.34,-46.53	PASS
Band7	5MHz	16QAM	20775	1RB#24	-52.14,-42.71,-44.57	PASS
Band7	5MHz	16QAM	20775	25RB#0	-49.51,-42.03,-27.89	PASS
Band7	5MHz	16QAM	21425	1RB#0	-52.17,-52.34,-32.56	PASS
Band7	5MHz	16QAM	21425	1RB#12	-51.92,-52.33,-48.04	PASS
Band7	5MHz	16QAM	21425	1RB#24	-51.47,-52.10,-21.53	PASS
Band7	5MHz	16QAM	21425	25RB#0	-44.01,-42.60,-30.57	PASS
Band7	10MHz	QPSK	20800	1RB#0	-49.89,-41.80,-29.86	PASS
Band7	10MHz	QPSK	20800	1RB#24	-49.86,-49.92,-48.66	PASS
Band7	10MHz	QPSK	20800	1RB#49	-49.46,-34.63,-47.05	PASS
Band7	10MHz	QPSK	20800	50RB#0	-45.03,-38.00,-30.80	PASS
Band7	10MHz	QPSK	21400	1RB#0	-49.64,-37.03,-47.11	PASS
Band7	10MHz	QPSK	21400	1RB#24	-49.77,-49.38,-48.60	PASS
Band7	10MHz	QPSK	21400	1RB#49	-49.56,-48.44,-29.15	PASS
Band7	10MHz	QPSK	21400	50RB#0	-44.23,-38.67,-30.86	PASS
Band7	10MHz	16QAM	20800	1RB#0	-49.71,-42.11,-30.18	PASS
Band7	10MHz	16QAM	20800	1RB#24	-49.89,-49.66,-49.09	PASS
Band7	10MHz	16QAM	20800	1RB#49	-49.74,-35.54,-46.01	PASS
Band7	10MHz	16QAM	20800	50RB#0	-45.24,-38.11,-31.30	PASS
Band7	10MHz	16QAM	21400	1RB#0	-49.75,-38.65,-46.48	PASS
Band7	10MHz	16QAM	21400	1RB#24	-49.83,-49.72,-48.45	PASS
Band7	10MHz	16QAM	21400	1RB#49	-49.88,-48.83,-30.93	PASS
Band7	10MHz	16QAM	21400	50RB#0	-44.08,-37.78,-31.37	PASS
Band7	15MHz	QPSK	20825	1RB#0	-42.85,-42.64,-30.58	PASS
Band7	15MHz	QPSK	20825	1RB#38	-48.21,-48.41,-47.94	PASS

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Band7	15MHz	QPSK	20825	1RB#74	-34.97,-48.27,-46.62	PASS
Band7	15MHz	QPSK	20825	75RB#0	-41.30,-37.42,-31.68	PASS
Band7	15MHz	QPSK	21375	1RB#0	-47.89,-35.77,-44.45	PASS
Band7	15MHz	QPSK	21375	1RB#38	-47.97,-48.03,-47.43	PASS
Band7	15MHz	QPSK	21375	1RB#74	-47.83,-43.39,-31.41	PASS
Band7	15MHz	QPSK	21375	75RB#0	-42.37,-36.98,-30.89	PASS
Band7	15MHz	16QAM	20825	1RB#0	-43.67,-43.17,-31.74	PASS
Band7	15MHz	16QAM	20825	1RB#38	-48.05,-48.22,-48.29	PASS
Band7	15MHz	16QAM	20825	1RB#74	-36.67,-48.26,-46.47	PASS
Band7	15MHz	16QAM	20825	75RB#0	-41.70,-36.81,-32.56	PASS
Band7	15MHz	16QAM	21375	1RB#0	-48.30,-37.87,-45.24	PASS
Band7	15MHz	16QAM	21375	1RB#38	-48.17,-48.17,-48.12	PASS
Band7	15MHz	16QAM	21375	1RB#74	-48.22,-43.85,-31.89	PASS
Band7	15MHz	16QAM	21375	75RB#0	-42.83,-35.83,-30.73	PASS
Band7	20MHz	QPSK	20850	1RB#0	-45.07,-43.53,-28.87	PASS
Band7	20MHz	QPSK	20850	1RB#49	-46.40,-46.54,-46.55	PASS
Band7	20MHz	QPSK	20850	1RB#99	-43.05,-46.42,-46.23	PASS
Band7	20MHz	QPSK	20850	100RB#0	-41.16,-37.11,-31.17	PASS
Band7	20MHz	QPSK	21350	1RB#0	-46.43,-35.35,-46.26	PASS
Band7	20MHz	QPSK	21350	1RB#49	-46.39,-46.06,-46.18	PASS
Band7	20MHz	QPSK	21350	1RB#99	-46.39,-42.97,-27.77	PASS
Band7	20MHz	QPSK	21350	100RB#0	-44.36,-35.10,-31.83	PASS
Band7	20MHz	16QAM	20850	1RB#0	-45.34,-43.73,-28.06	PASS
Band7	20MHz	16QAM	20850	1RB#49	-46.43,-46.63,-46.55	PASS
Band7	20MHz	16QAM	20850	1RB#99	-42.79,-46.43,-46.19	PASS
Band7	20MHz	16QAM	20850	100RB#0	-40.51,-36.80,-32.31	PASS
Band7	20MHz	16QAM	21350	1RB#0	-46.25,-36.83,-46.46	PASS
Band7	20MHz	16QAM	21350	1RB#49	-46.39,-46.21,-46.38	PASS
Band7	20MHz	16QAM	21350	1RB#99	-46.47,-43.13,-28.55	PASS
Band7	20MHz	16QAM	21350	100RB#0	-44.08,-34.12,-31.95	PASS

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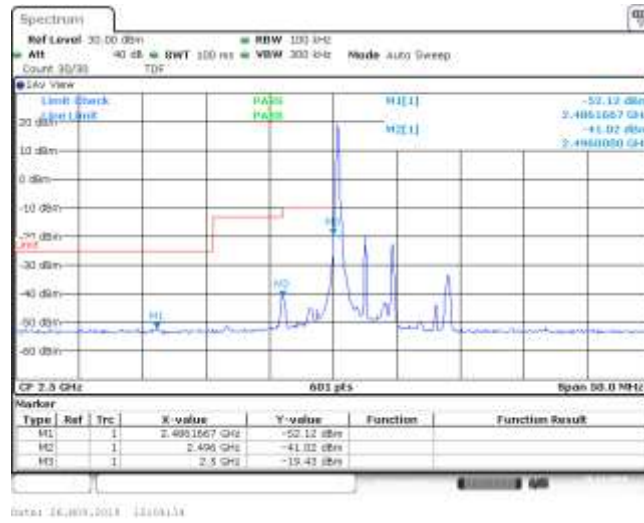
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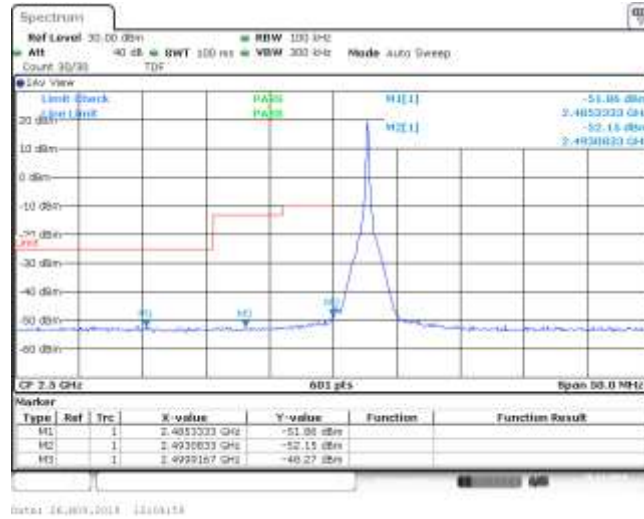
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Test Graphs

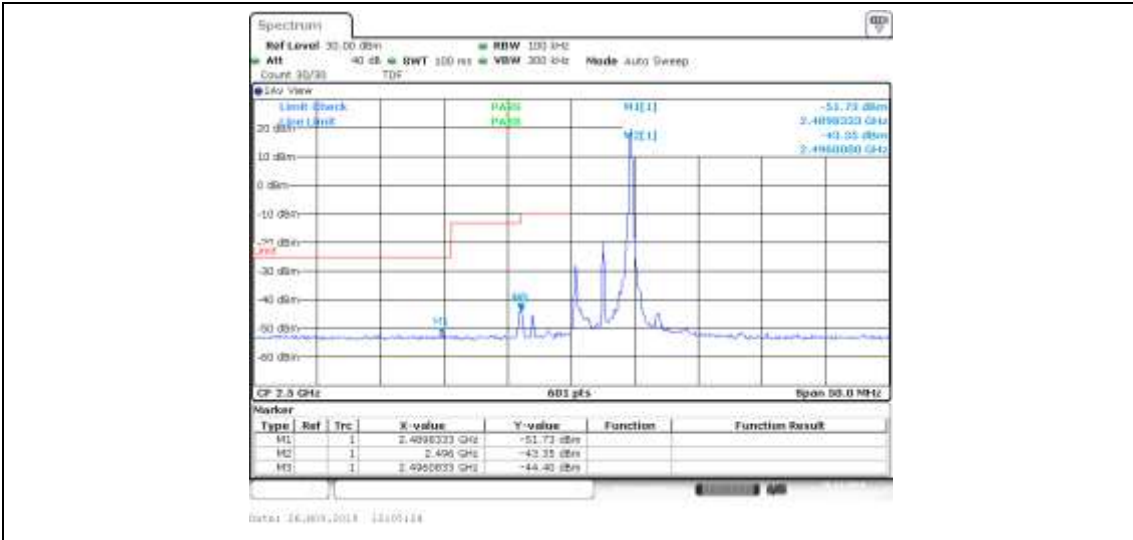
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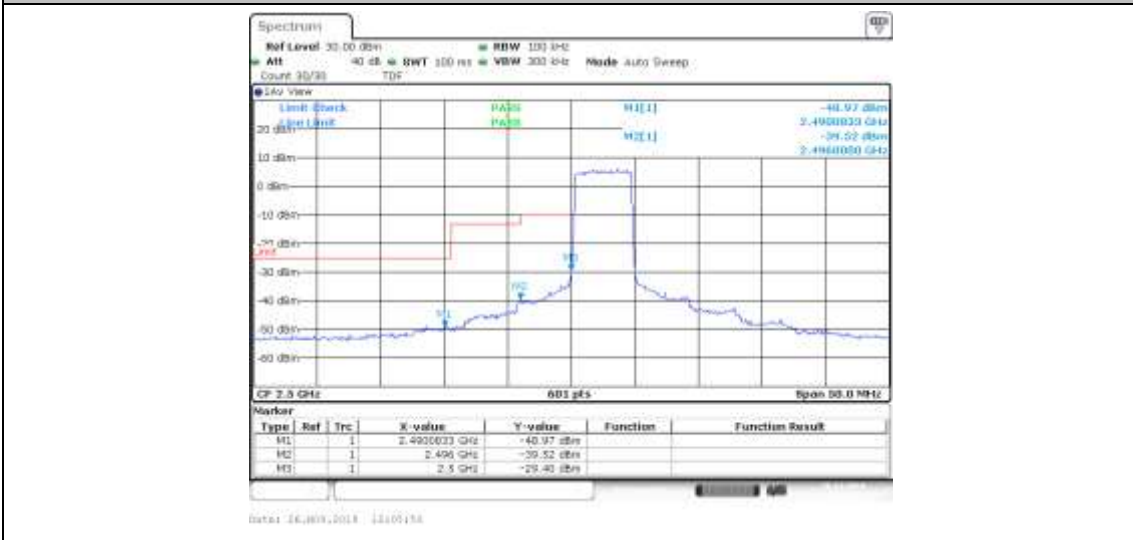
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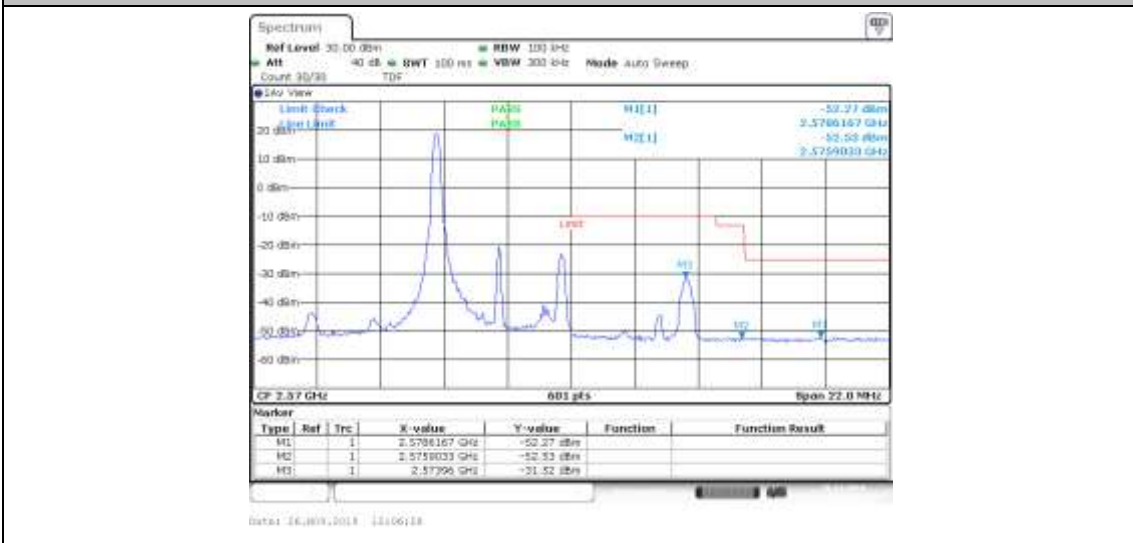
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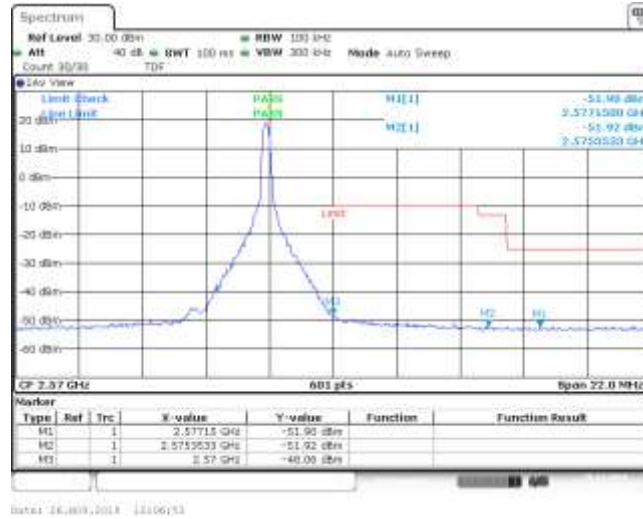
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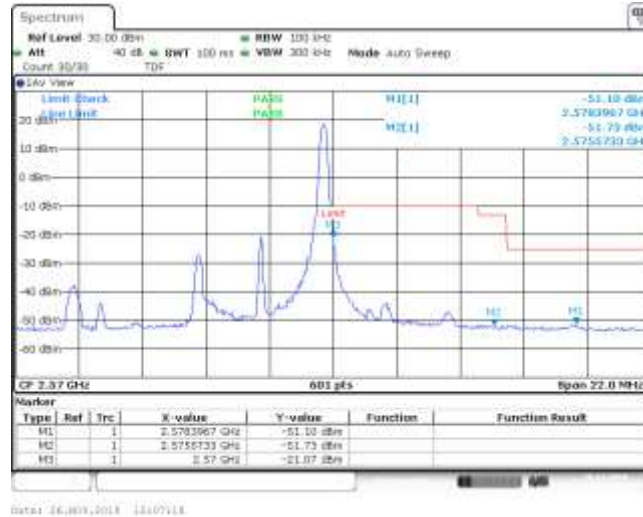
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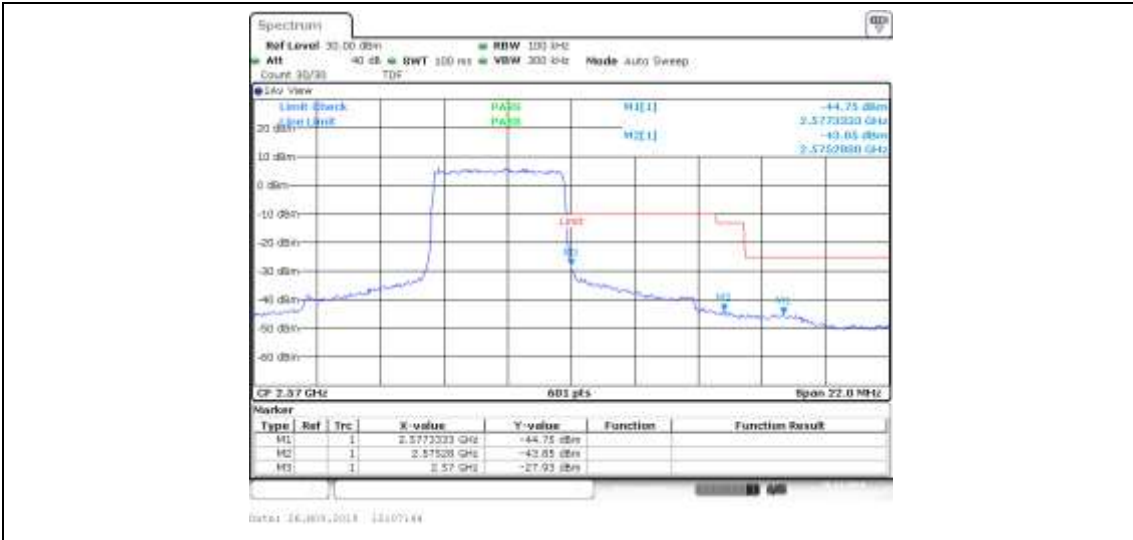
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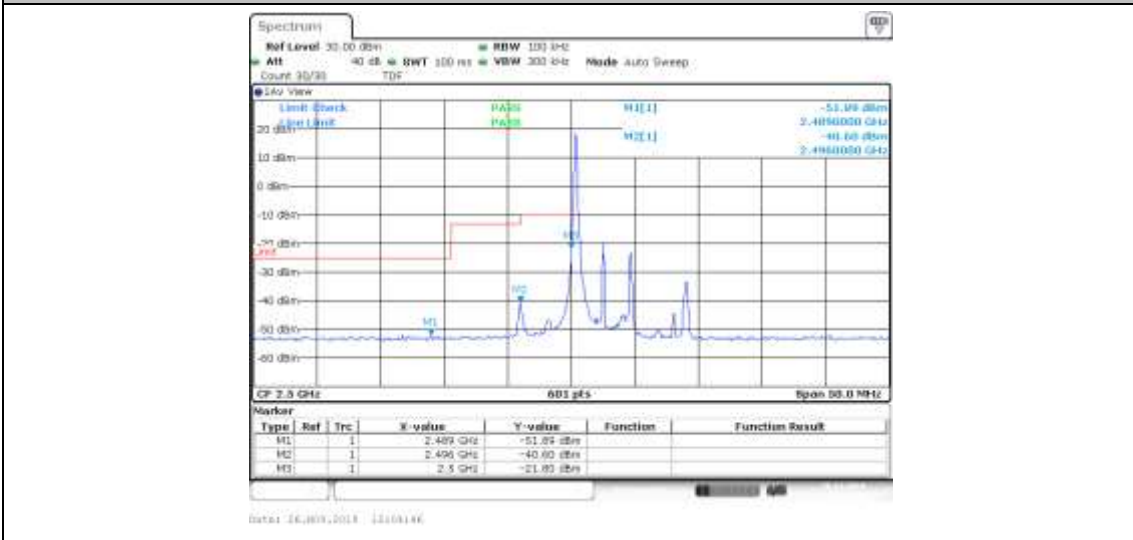
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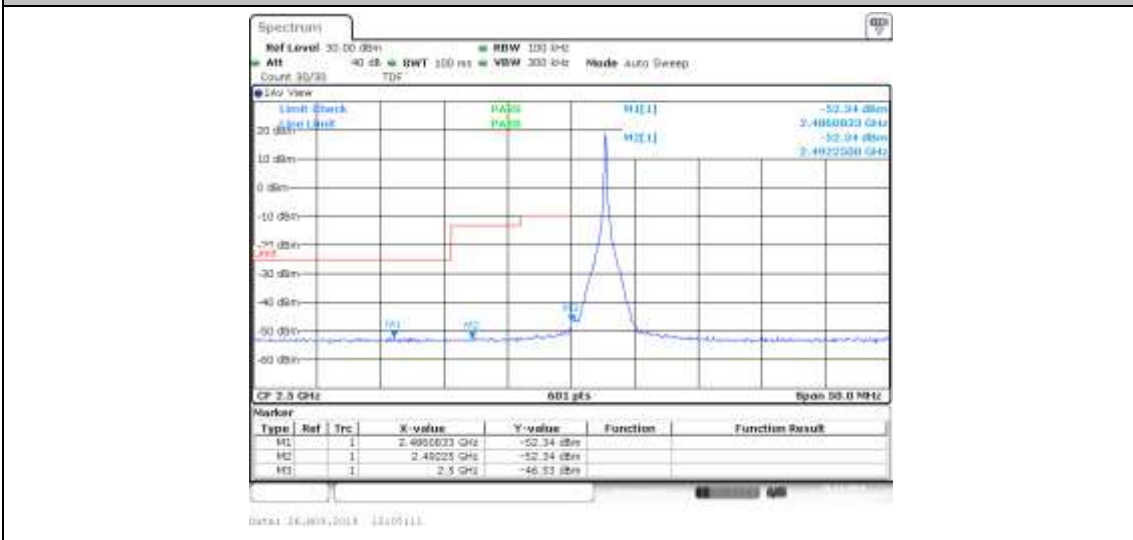
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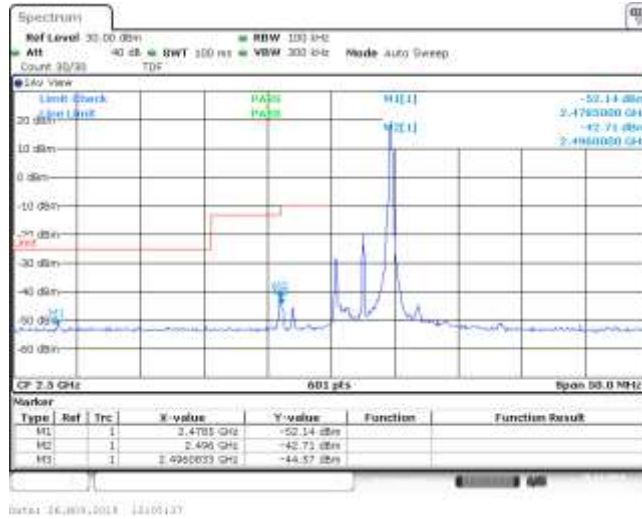
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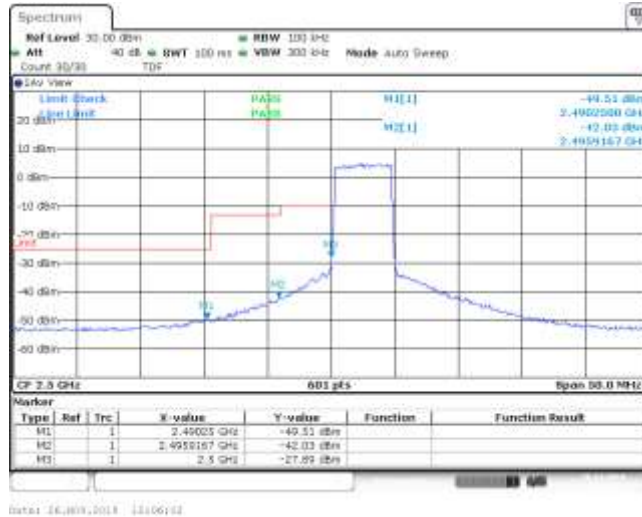
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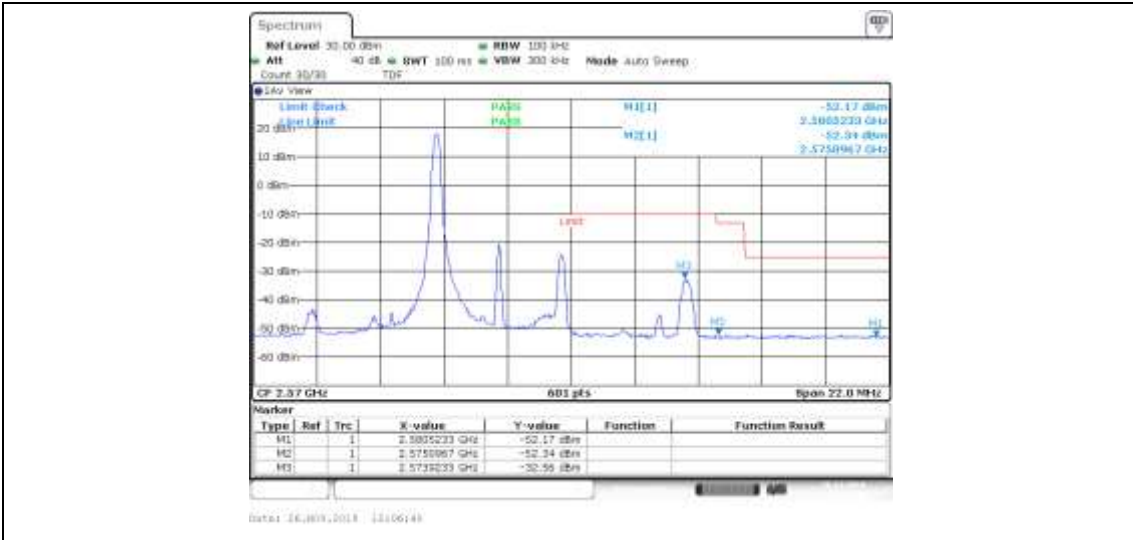
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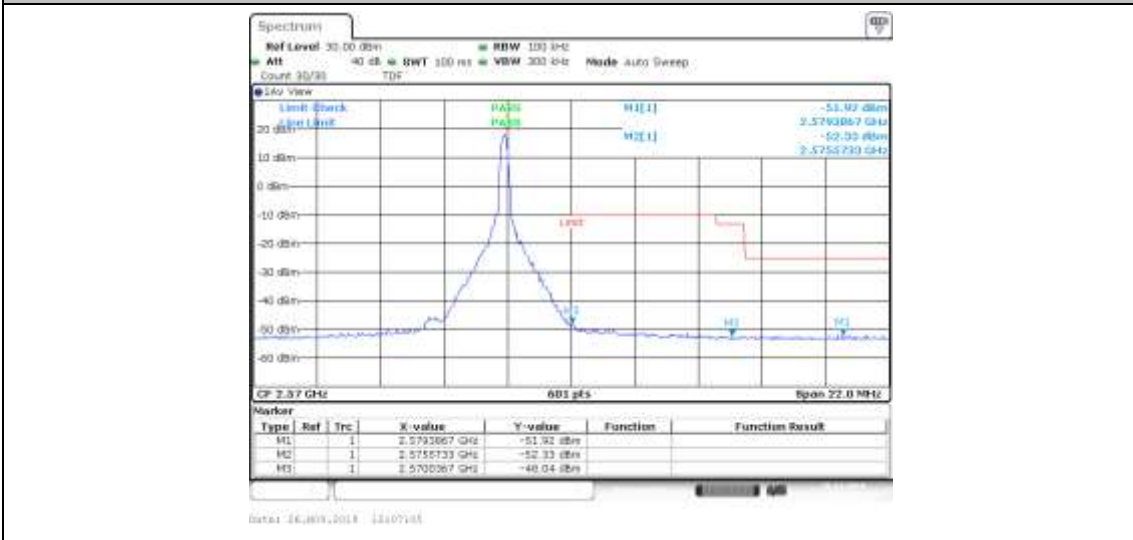
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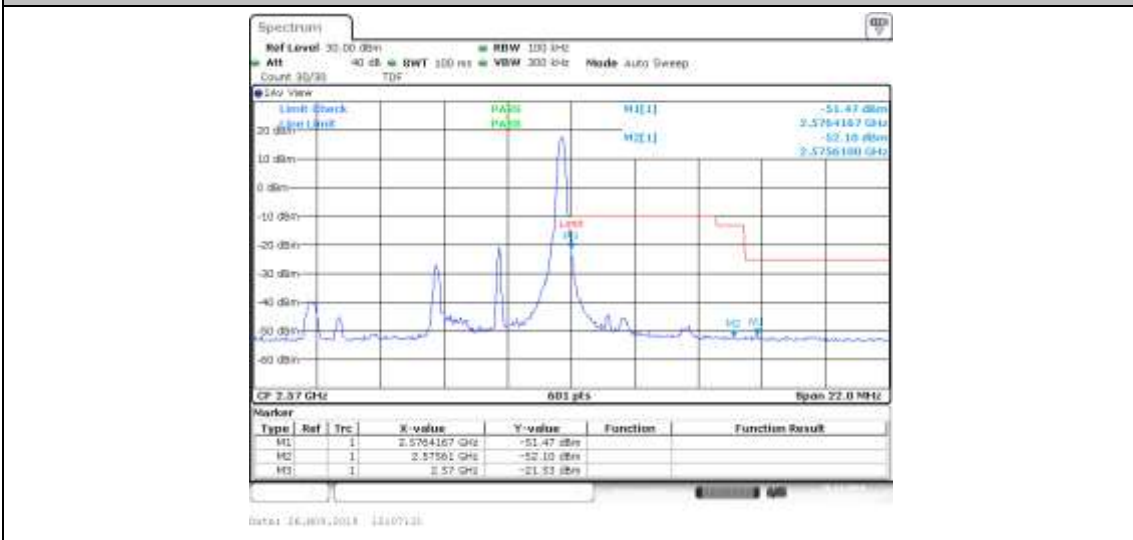
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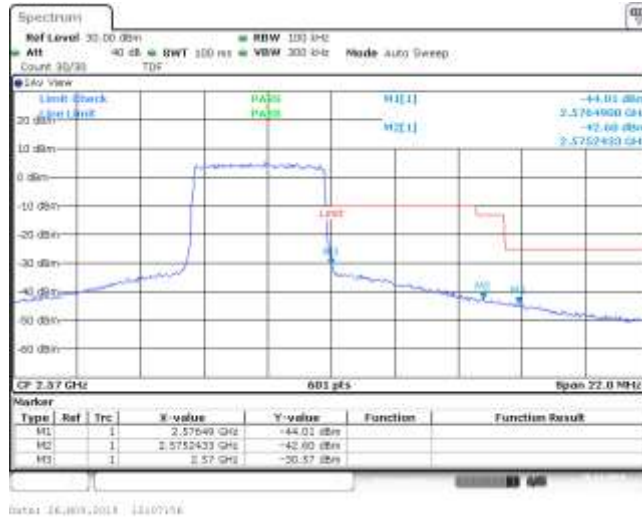
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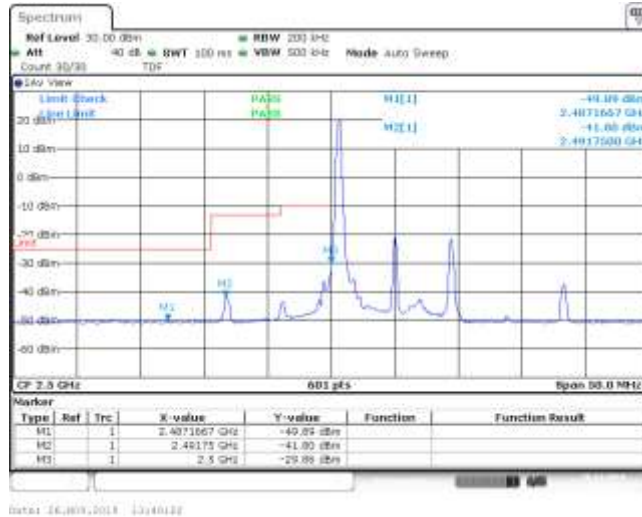
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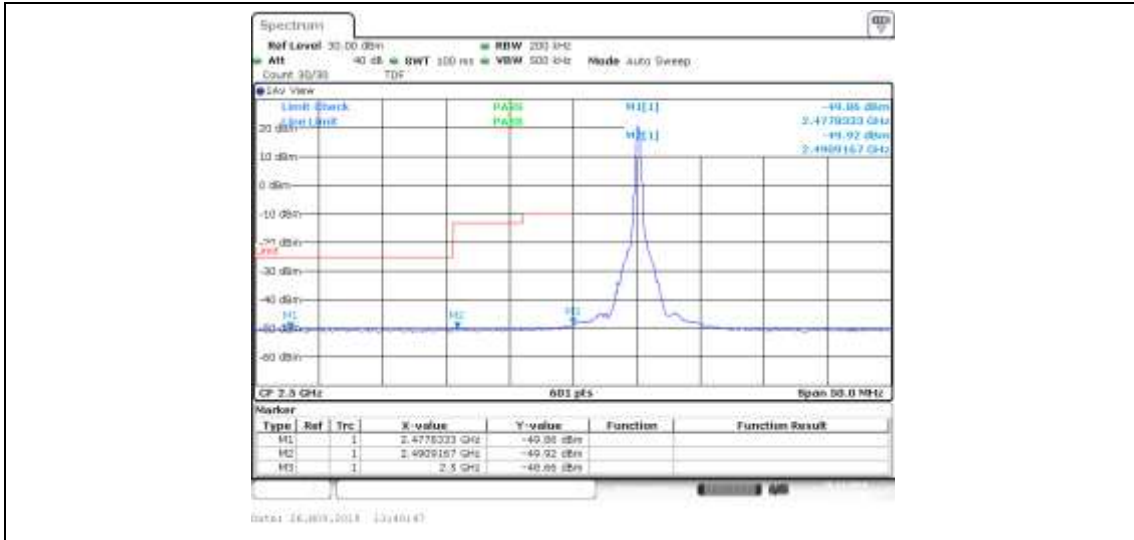
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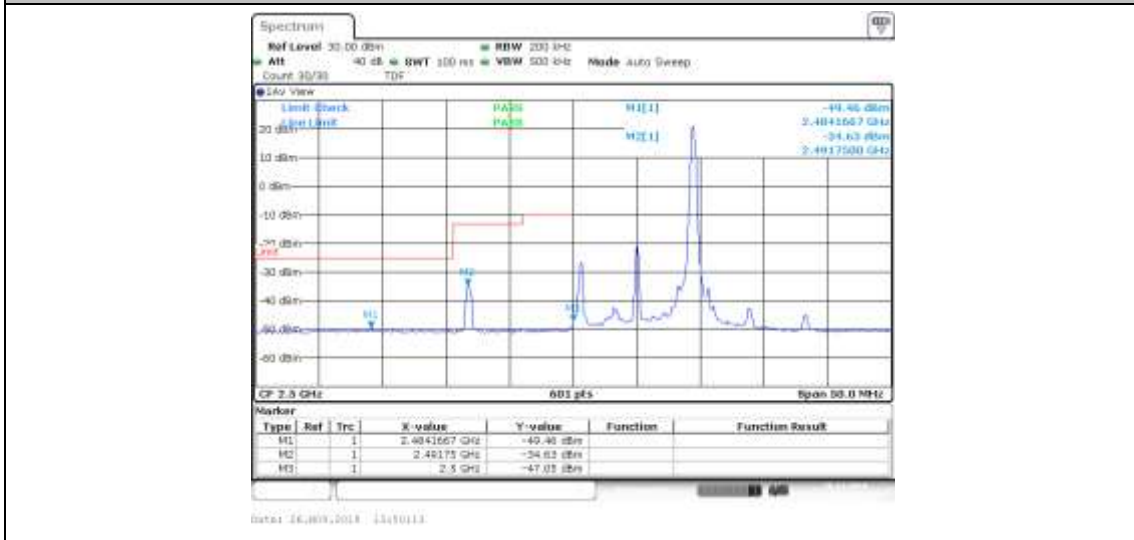
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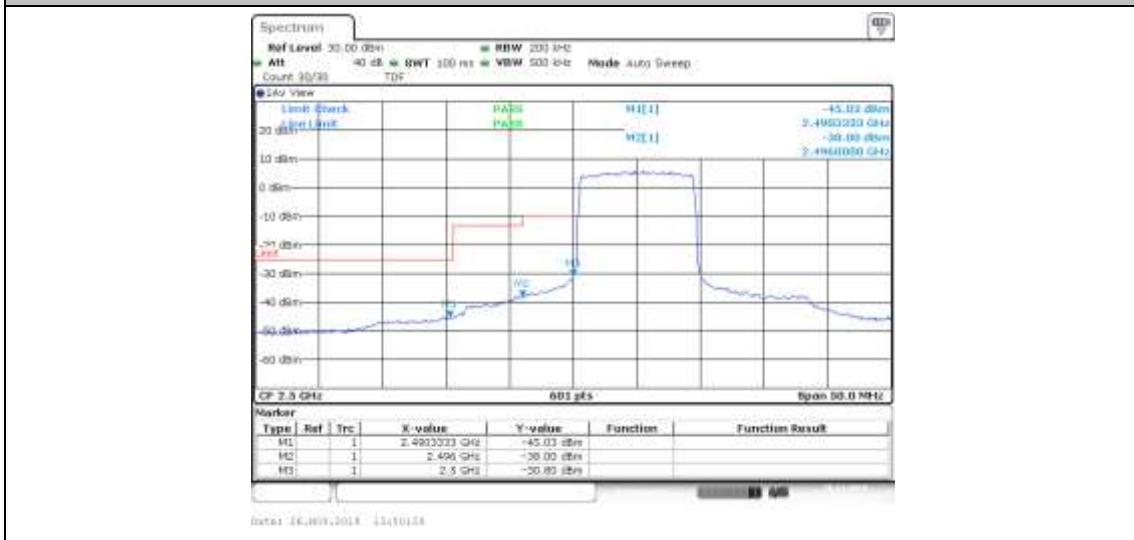
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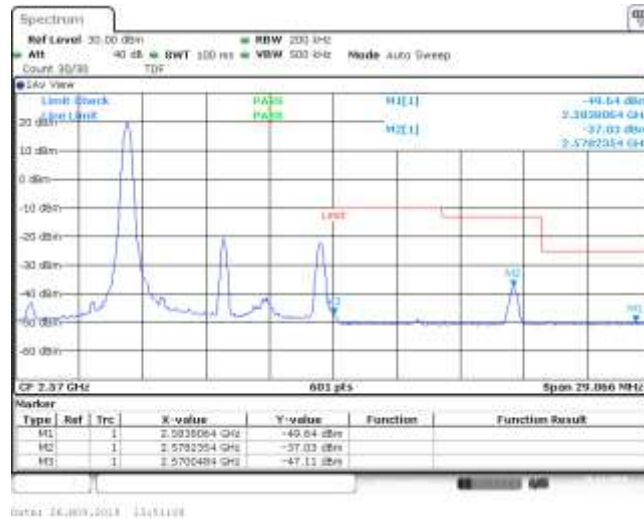
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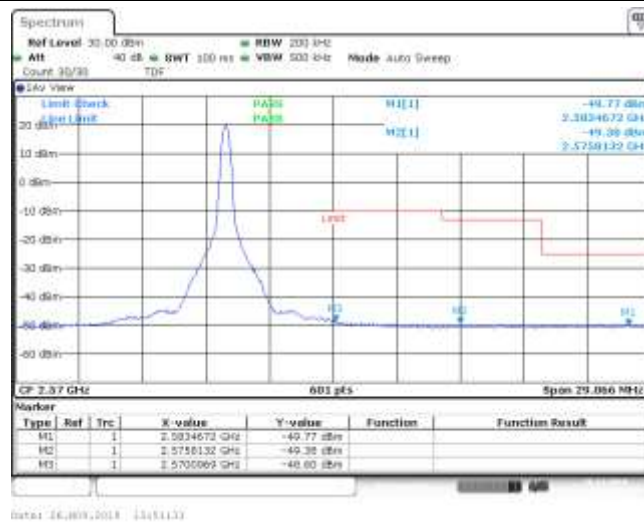
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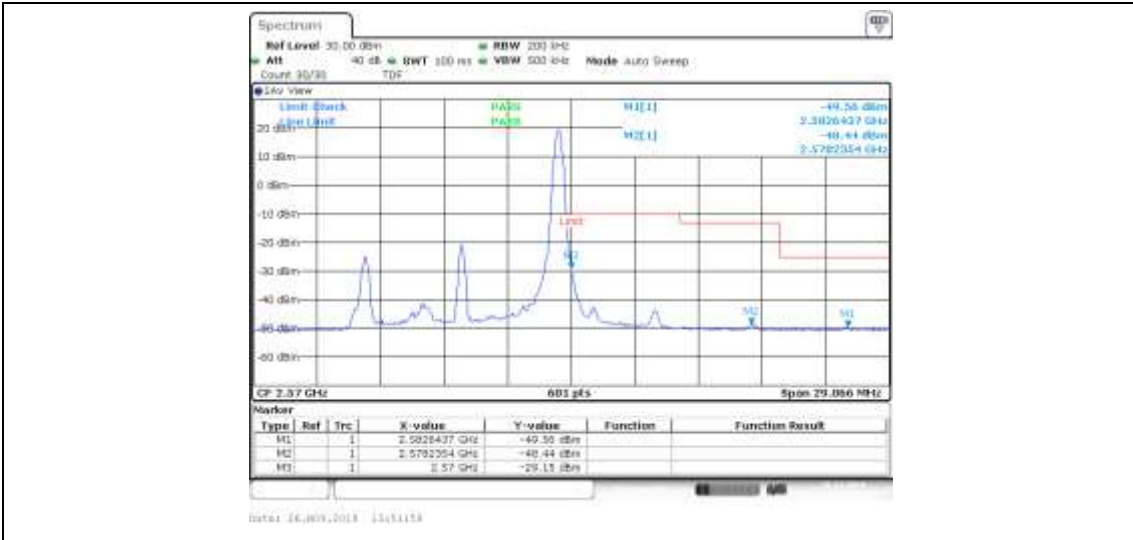
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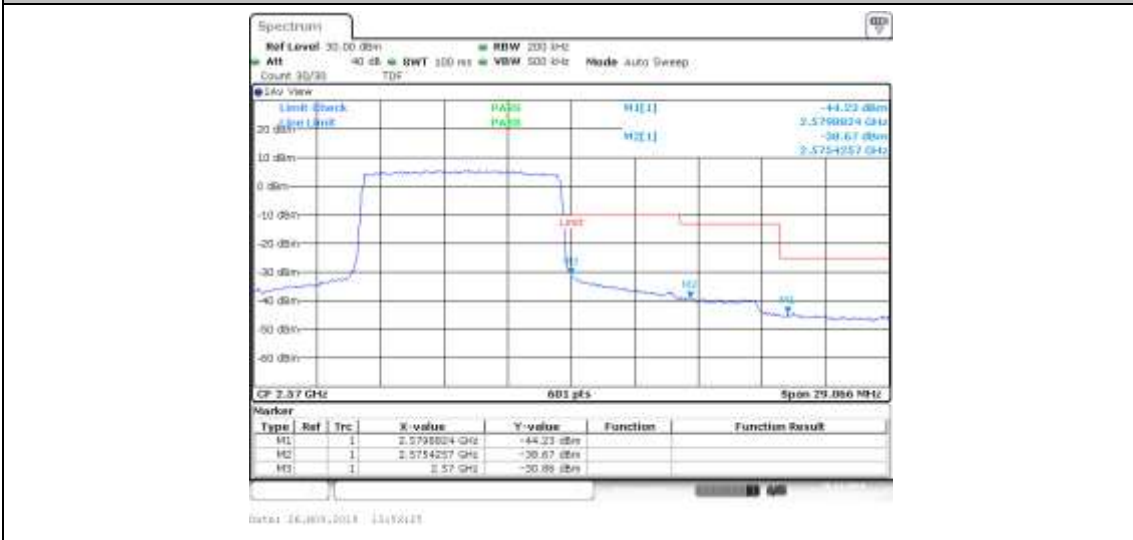
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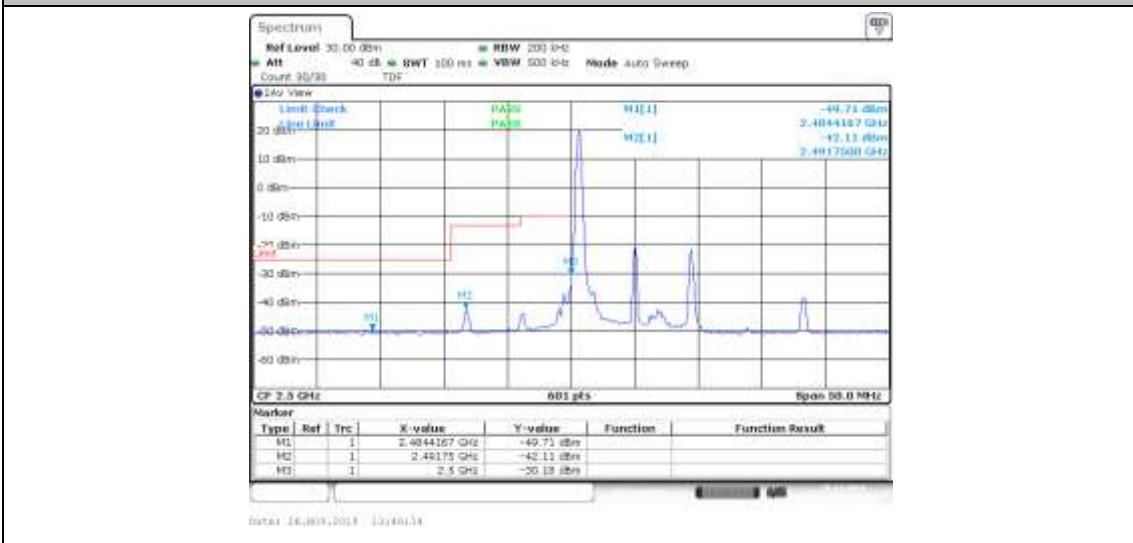
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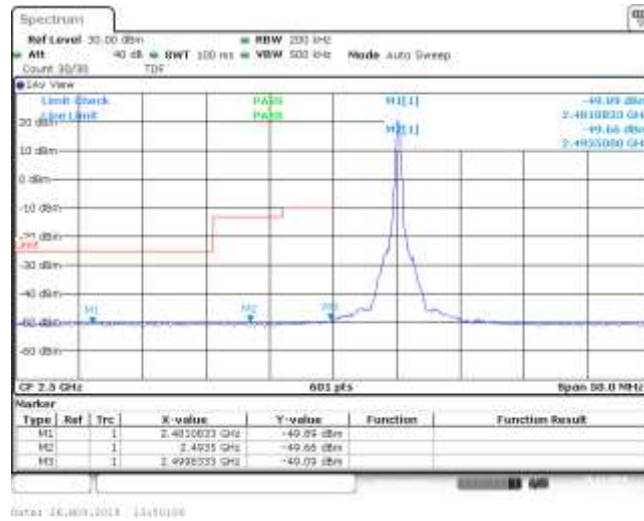
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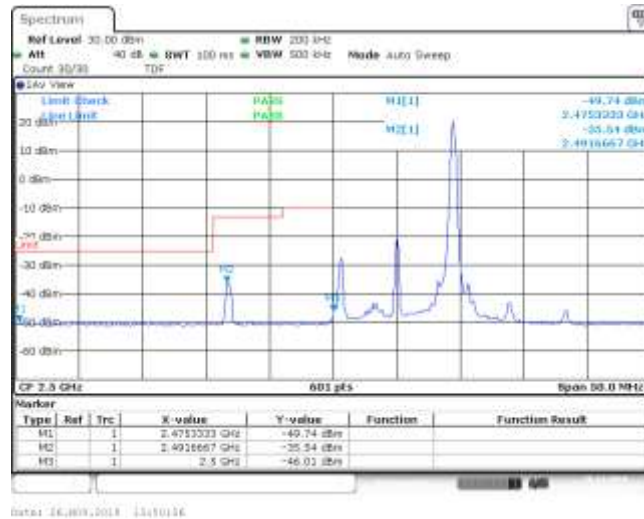
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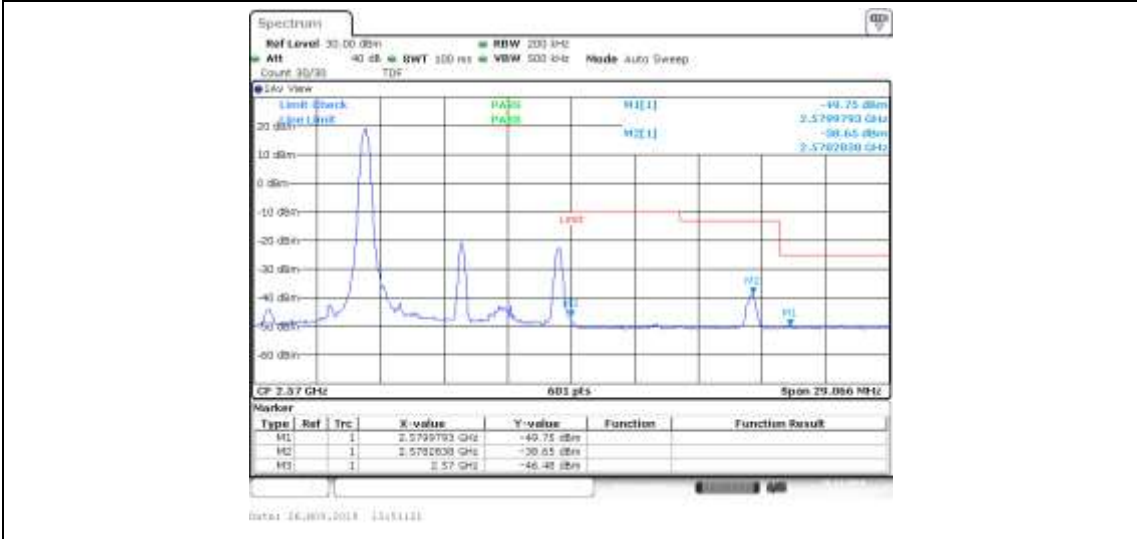
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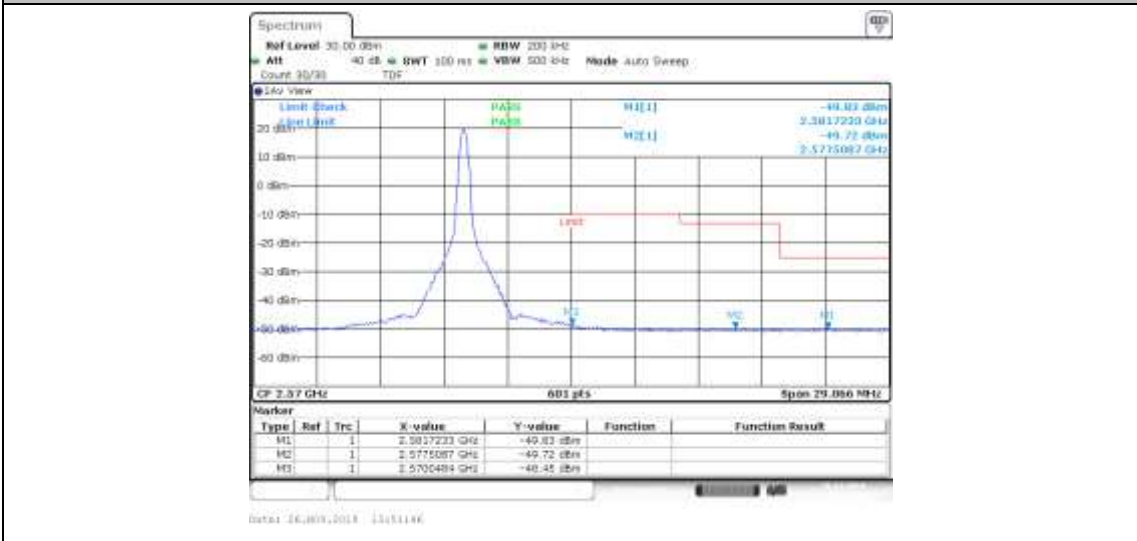
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Band7_10MHz_16QAM_21400_1RB#24



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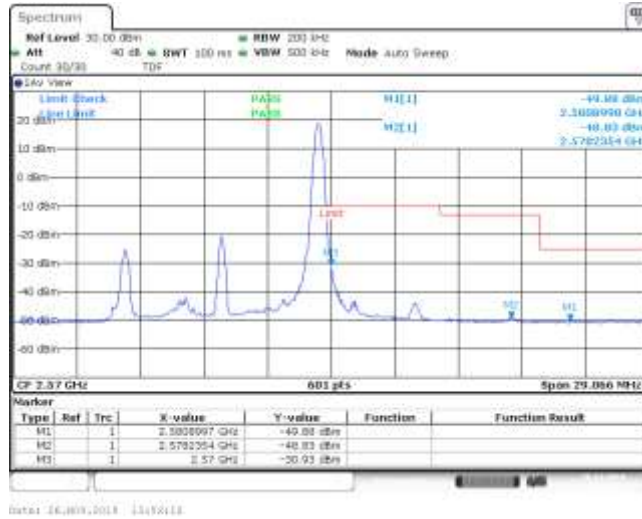
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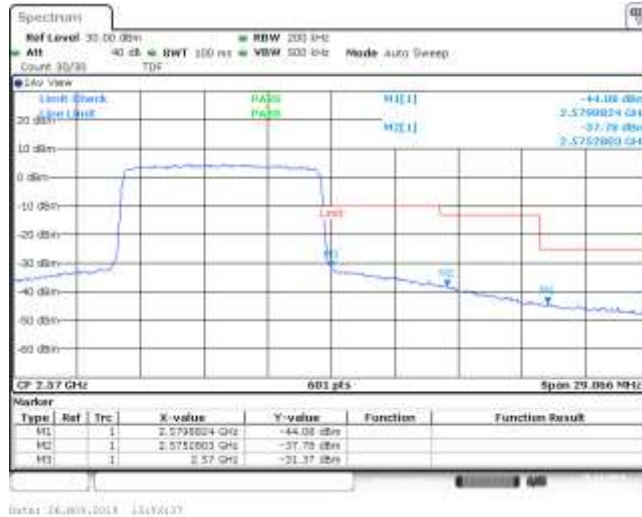


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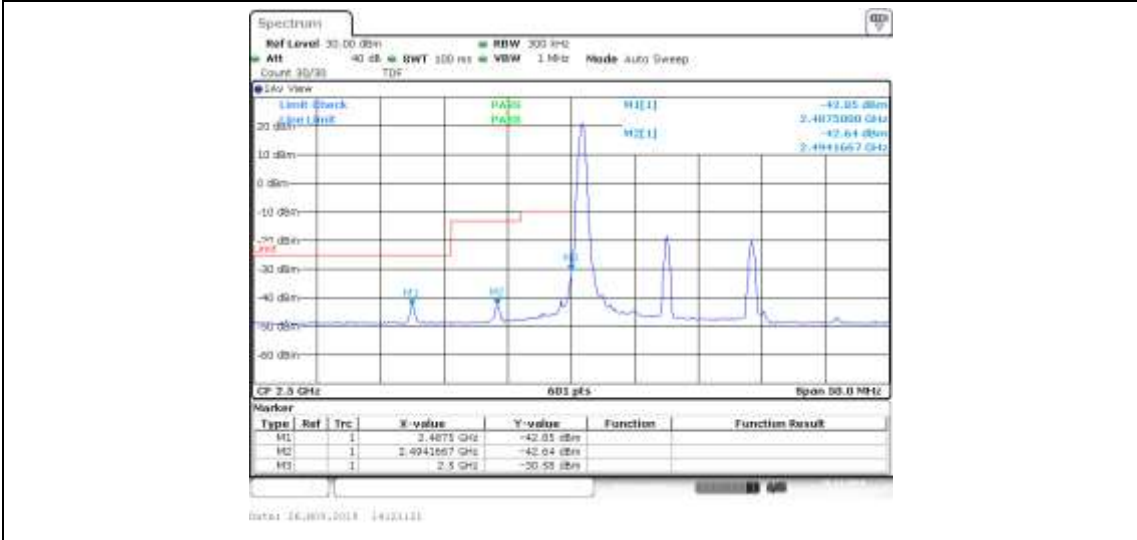
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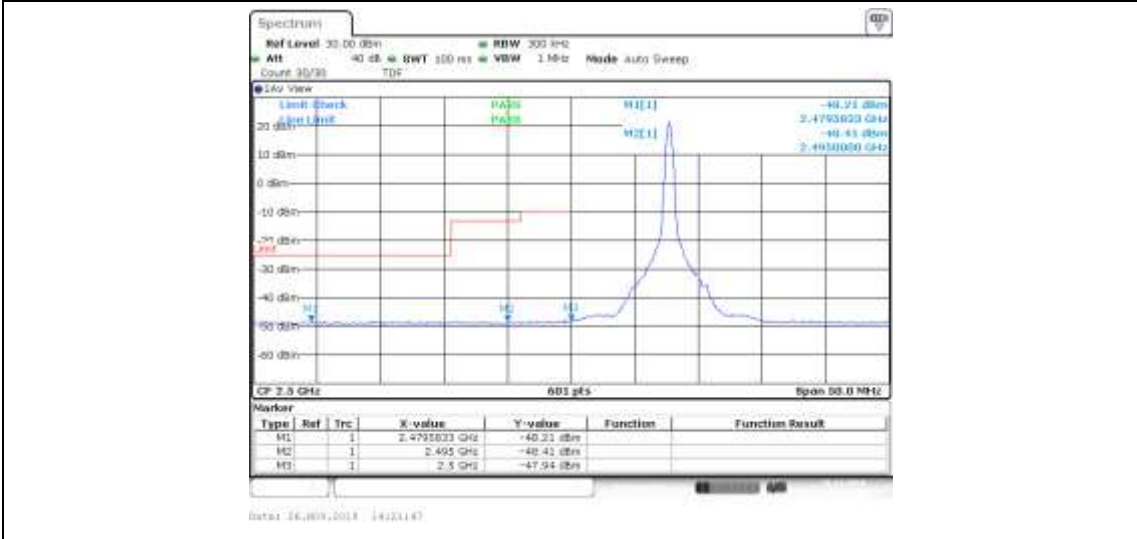
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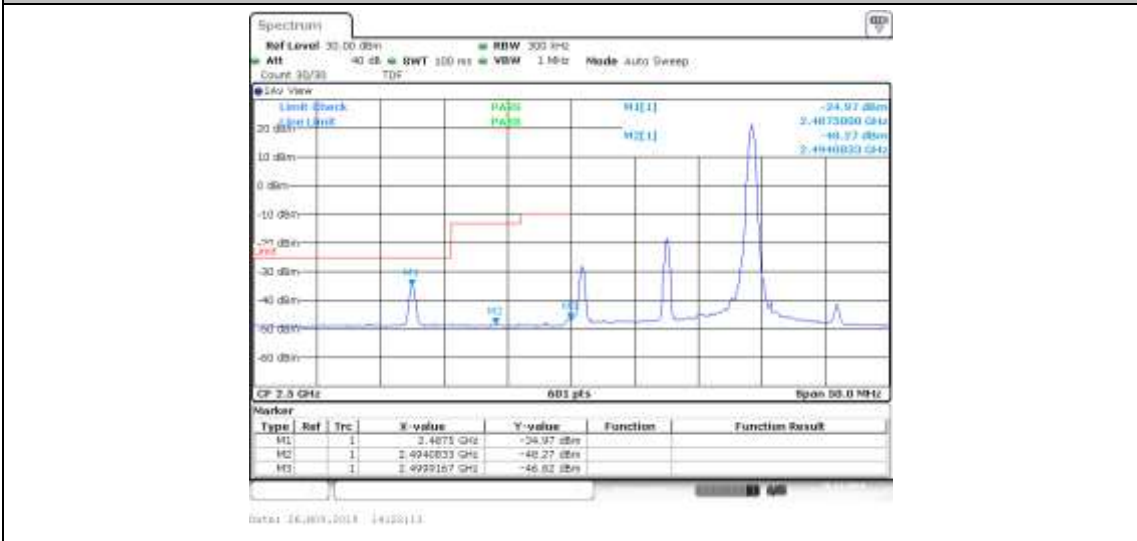
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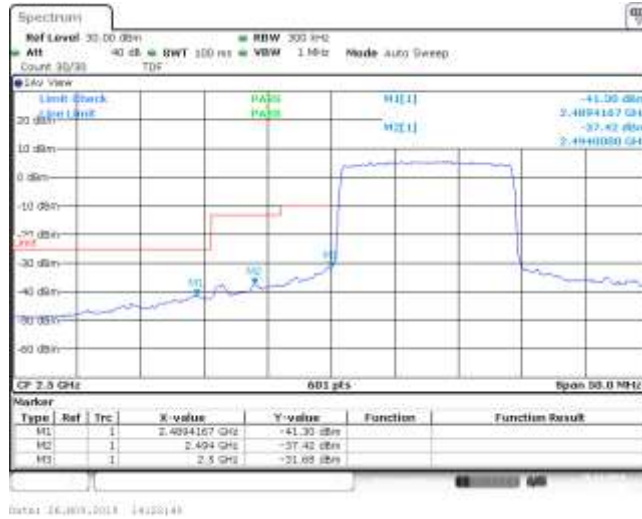
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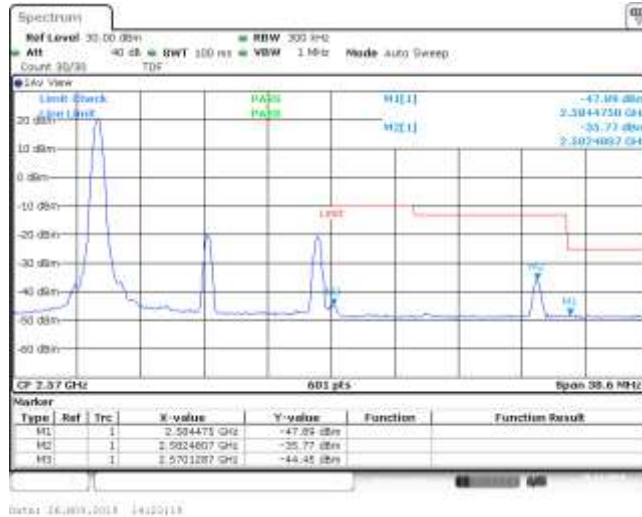
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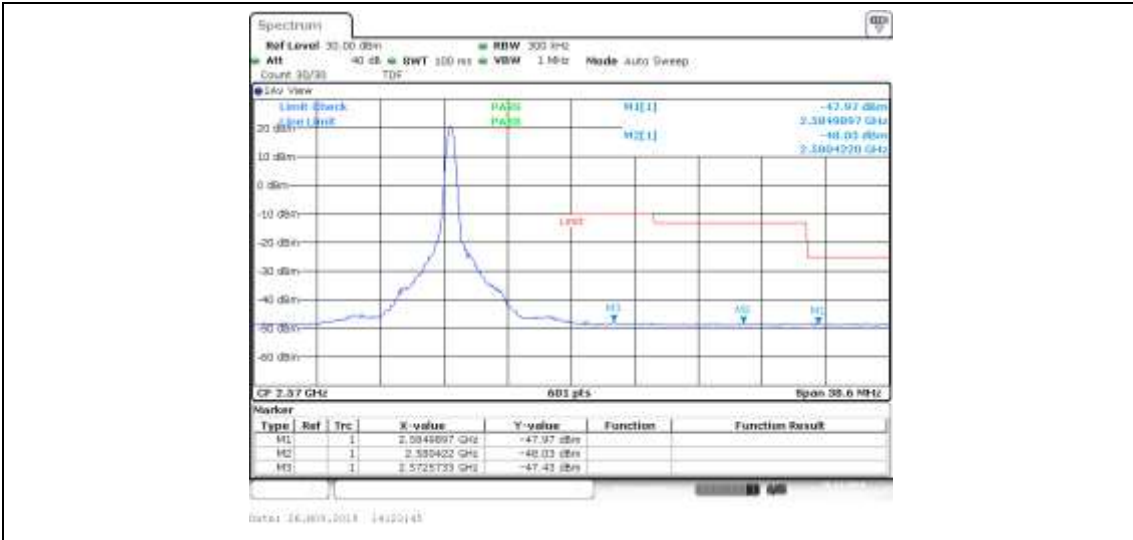
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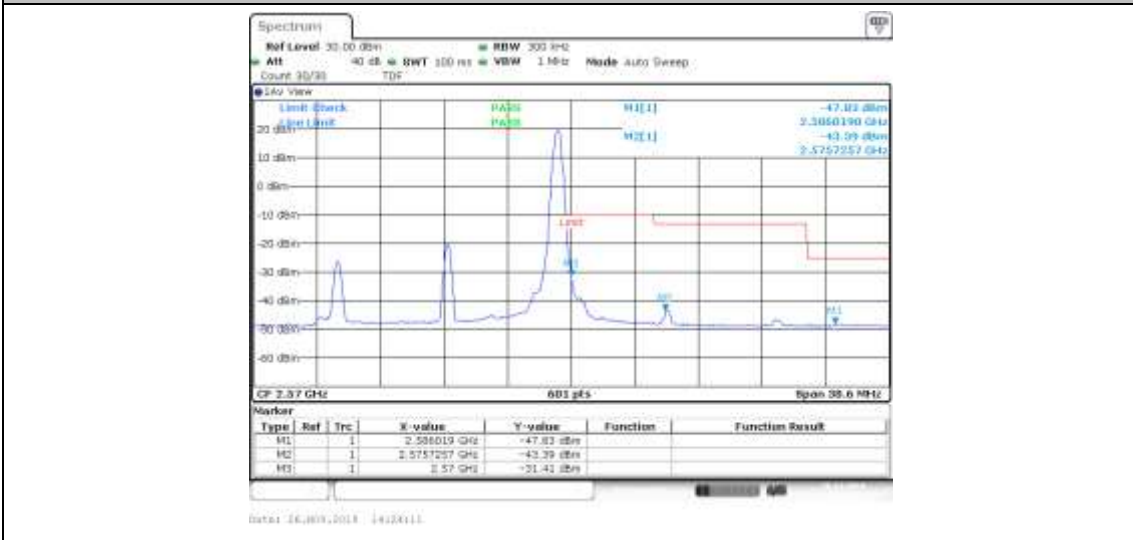
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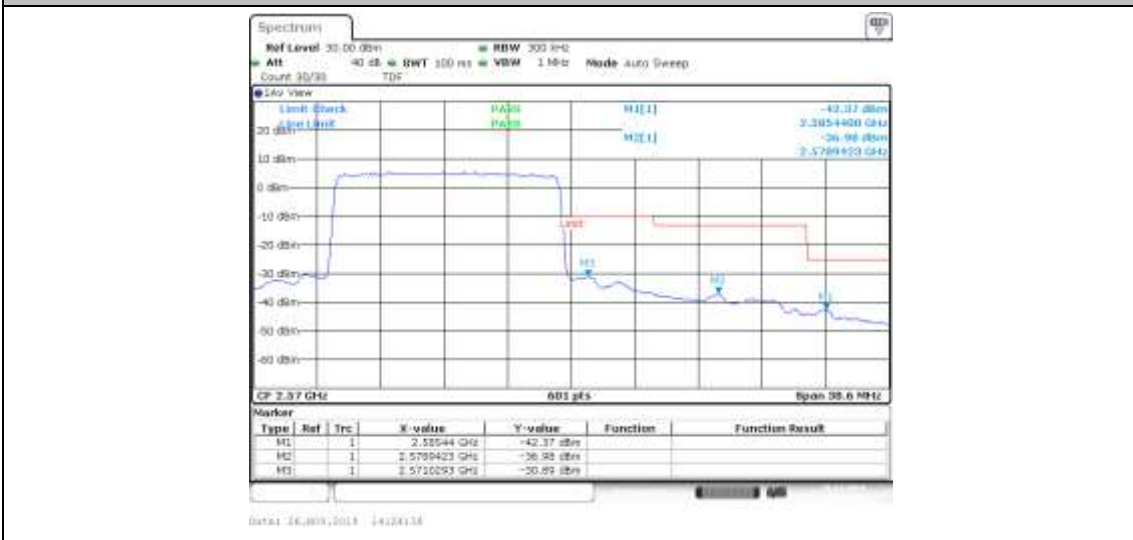
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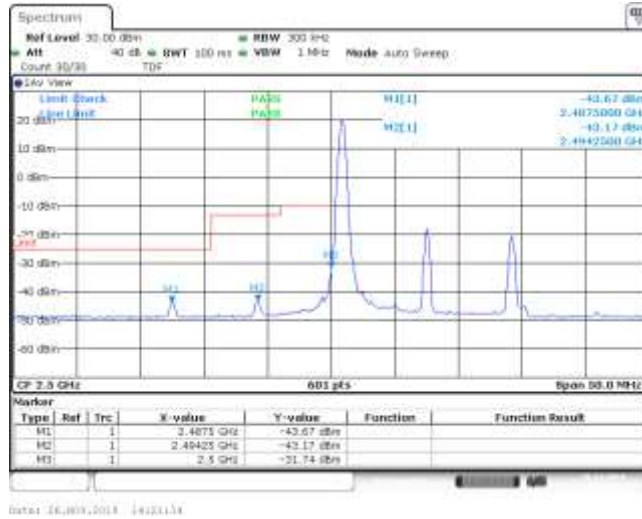
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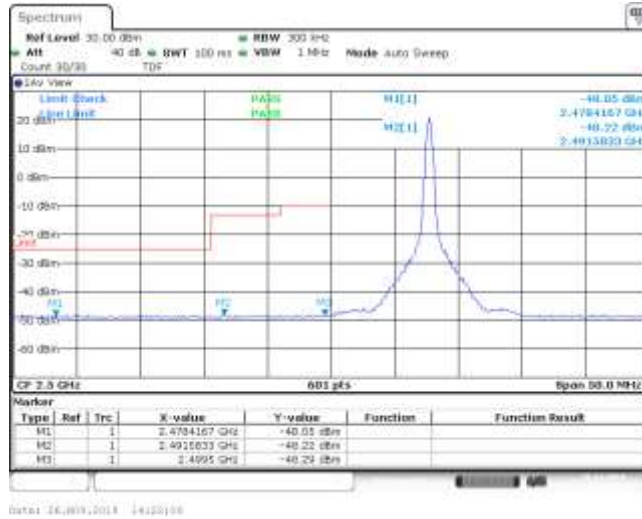
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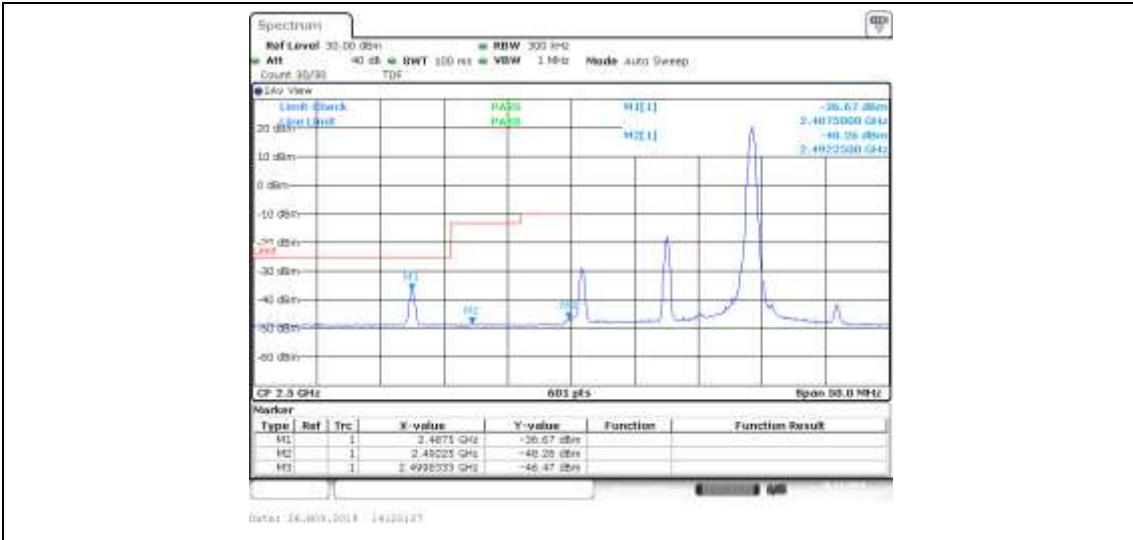
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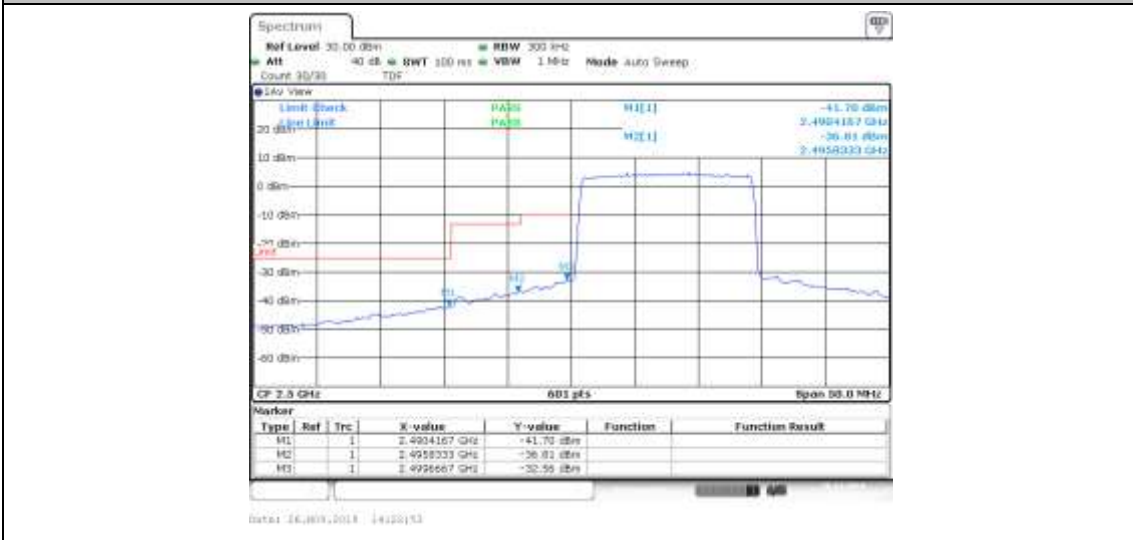
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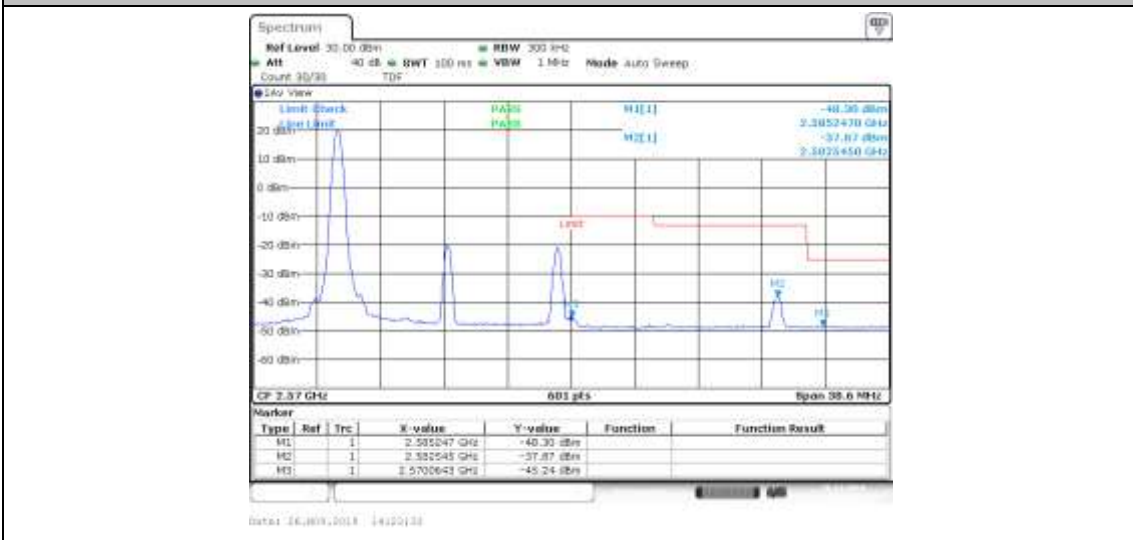
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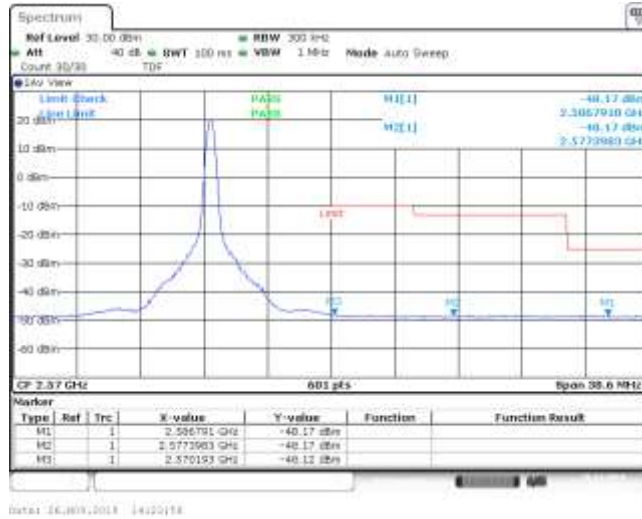
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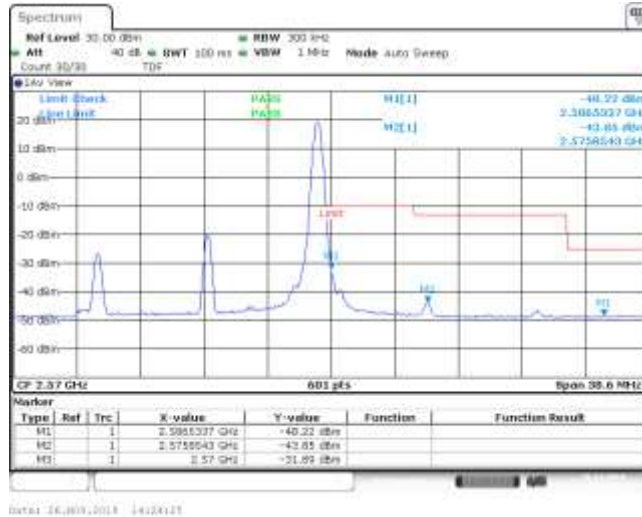


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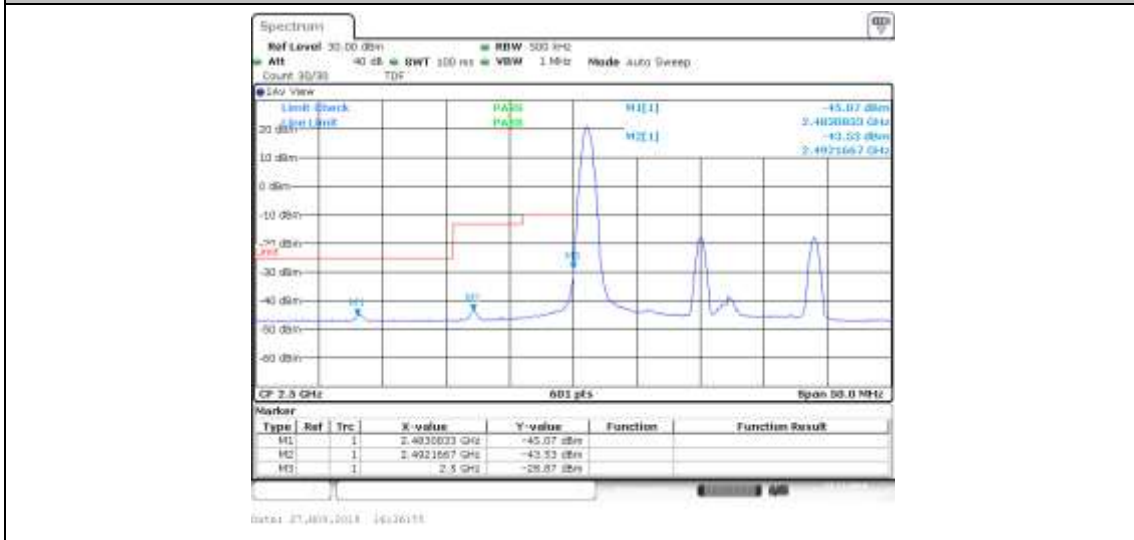
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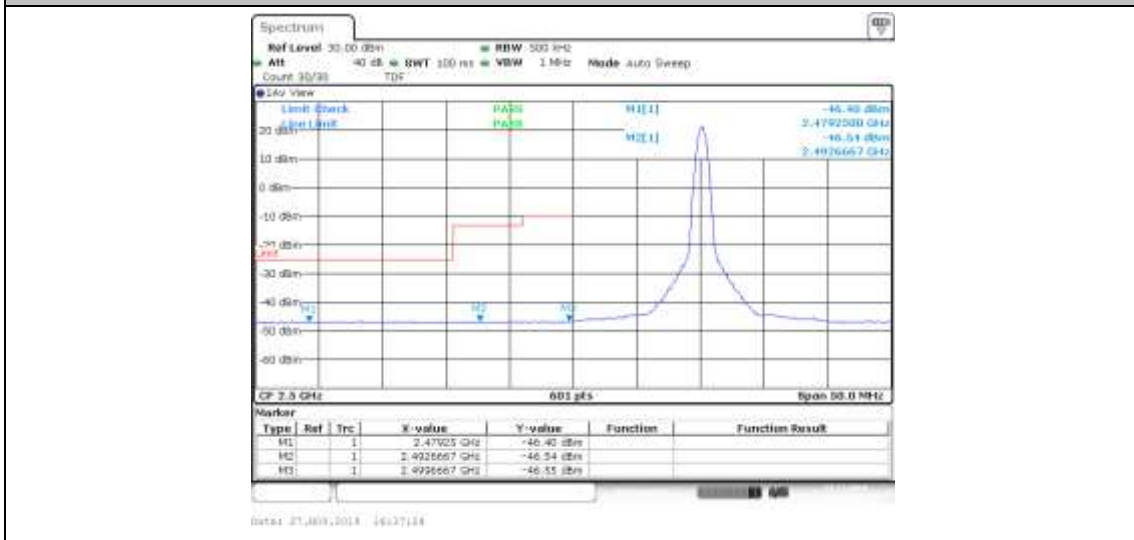
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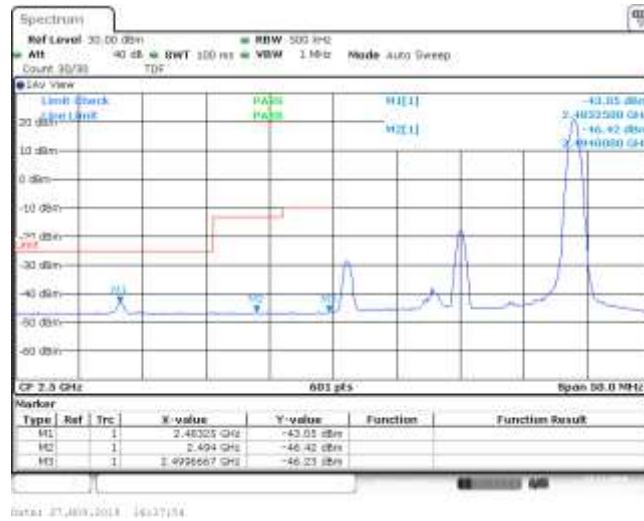
Band7_20MHz_QPSK_20850_1RB#0



Band7_20MHz_QPSK_20850_1RB#49



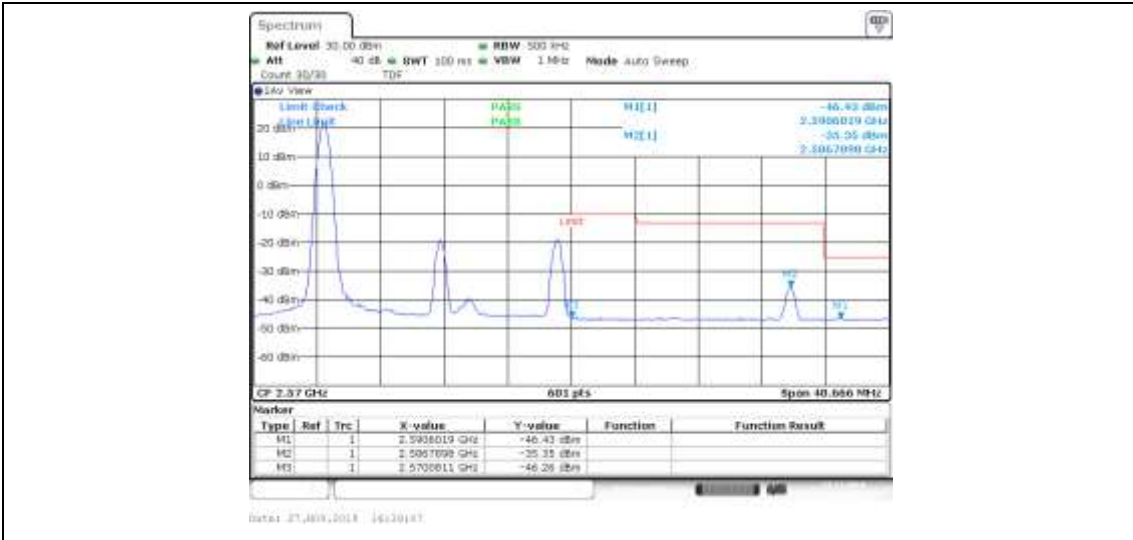
Band7_20MHz_QPSK_20850_1RB#99



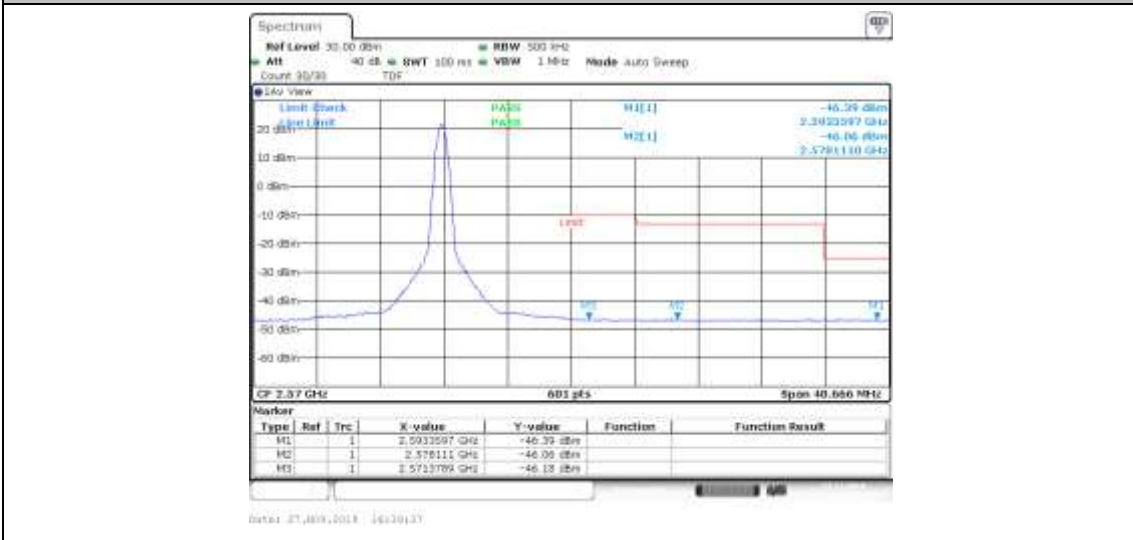
Band7_20MHz_QPSK_20850_100RB#0



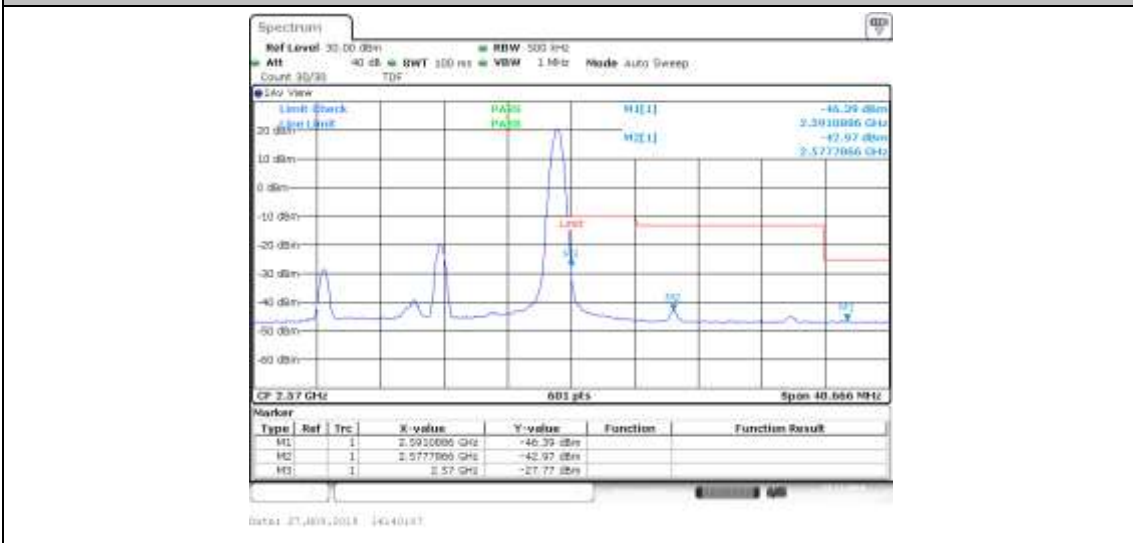
Band7_20MHz_QPSK_21350_1RB#0



Band7_20MHz_QPSK_21350_1RB#49



Band7_20MHz_QPSK_21350_1RB#99



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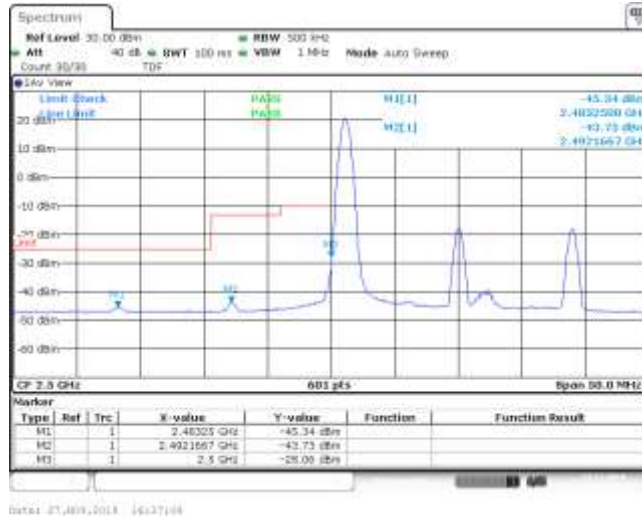


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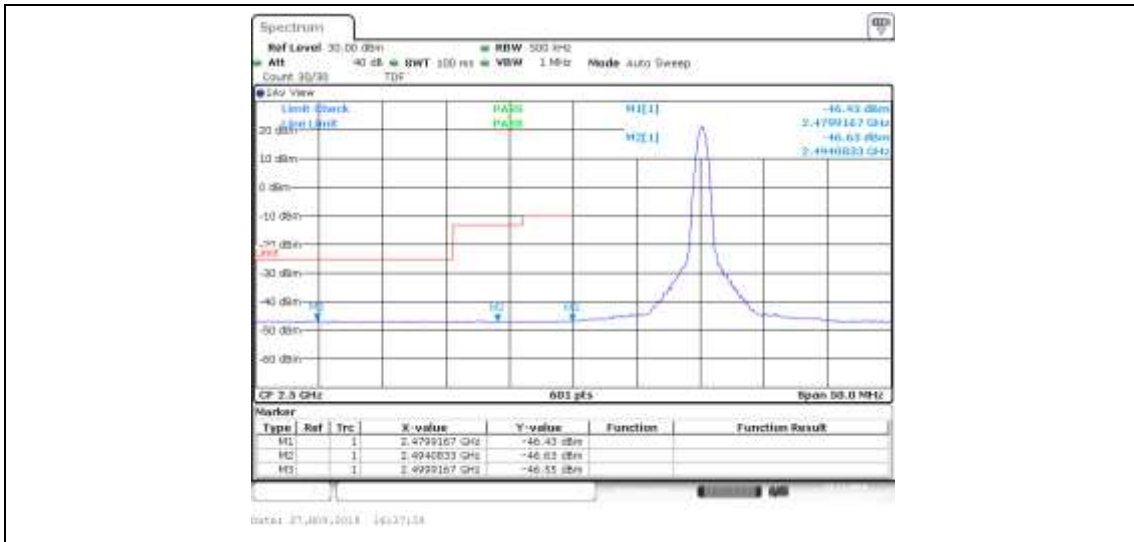
Band7_20MHz_QPSK_21350_100RB#0



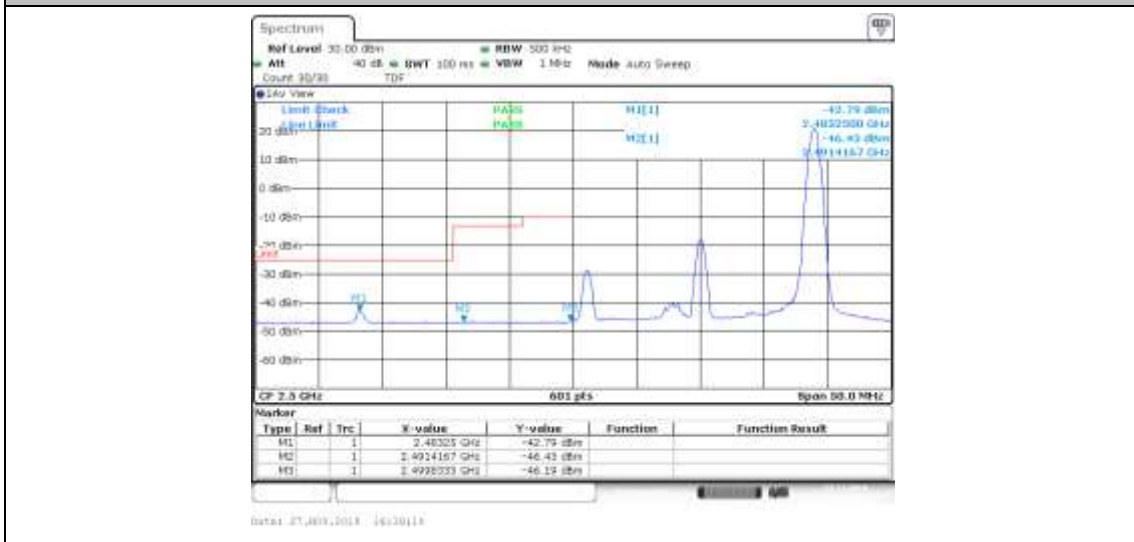
Band7_20MHz_16QAM_20850_1RB#0



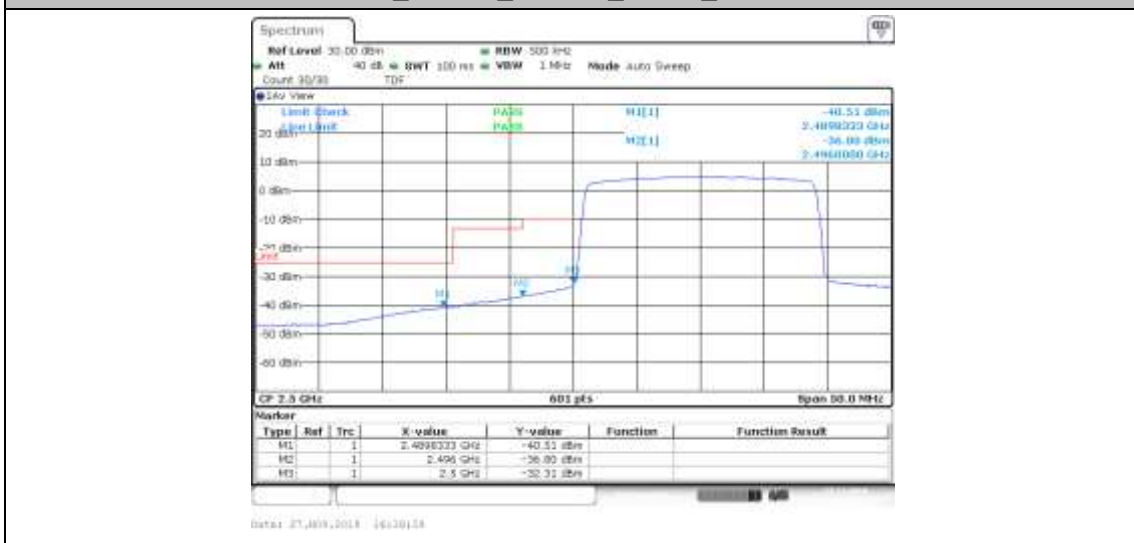
Band7_20MHz_16QAM_20850_1RB#49



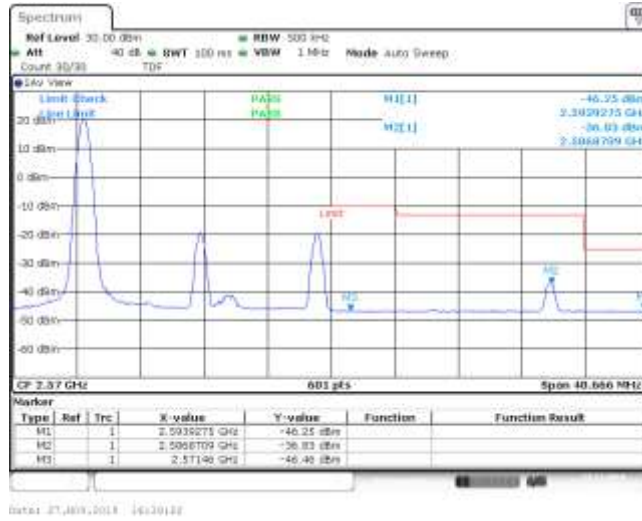
Band7_20MHz_16QAM_20850_1RB#99



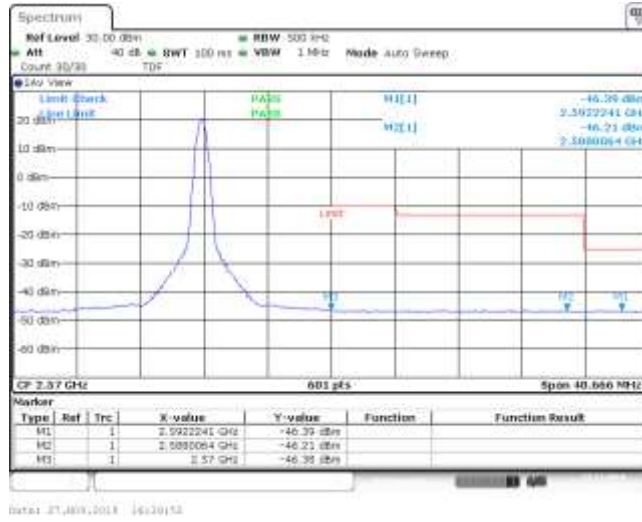
Band7_20MHz_16QAM_20850_100RB#0



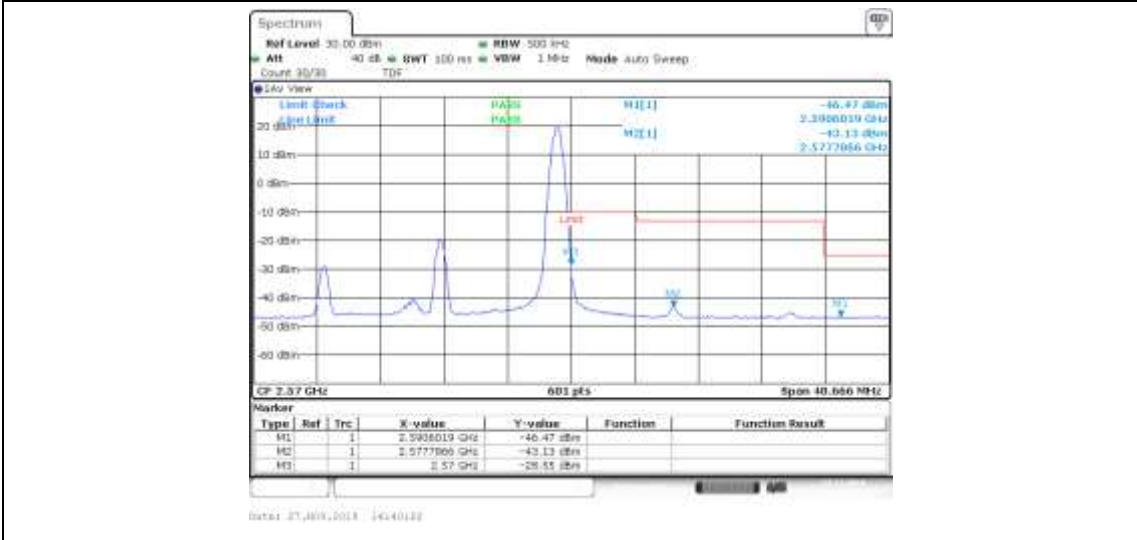
Band7_20MHz_16QAM_21350_1RB#0



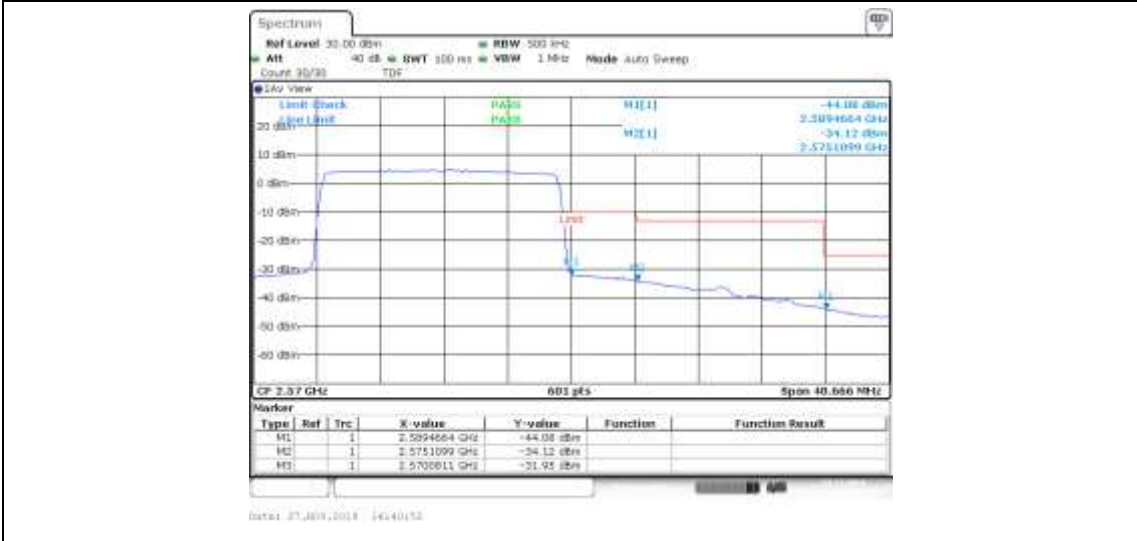
Band7_20MHz_16QAM_21350_1RB#49



Band7_20MHz_16QAM_21350_1RB#99



Band7_20MHz_16QAM_21350_100RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range1:0.009~0.15MHz	-64.64	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:0.15~30MHz	-57.53	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range3:30~1000MHz	-60.45	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range4:1000~5000MHz	-43.99	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range5:5000~12000MHz	-35.85	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range6:12000~26500MHz	-58.55	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-59.59	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-58.32	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-60.36	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range4:1000~5000MHz	-43.94	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range5:5000~12000MHz	-35.69	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range6:12000~26500MHz	-58.57	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:0.009~0.15MHz	-57.71	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:0.15~30MHz	-58.79	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range3:30~1000MHz	-60.49	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range4:1000~5000MHz	-43.94	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range5:5000~12000MHz	-36.28	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range6:12000~26500MHz	-58.5	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:0.009~0.15MHz	-64.27	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:0.15~30MHz	-56.49	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range3:30~1000MHz	-61.02	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range4:1000~5000MHz	-44.06	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range5:5000~12000MHz	-36.22	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range6:12000~26500MHz	-58.66	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-62.14	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-58.81	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-60.02	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range4:1000~5000MHz	-43.87	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range5:5000~12000MHz	-36.92	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range6:12000~26500MHz	-58.56	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:0.009~0.15MHz	-57.97	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:0.15~30MHz	-58.45	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range3:30~1000MHz	-60.91	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range4:1000~5000MHz	-43.94	PASS

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Band7	5MHz	16QAM	21425	1RB#0	Range5:5000~12000MHz	-37.26	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range6:12000~26500MHz	-58.45	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:0.009~0.15MHz	-64.75	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:0.15~30MHz	-59.54	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range3:30~1000MHz	-60.47	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range4:1000~5000MHz	-43.83	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range5:5000~12000MHz	-36.1	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range6:12000~26500MHz	-58.56	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-60.7	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-58.17	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-61.38	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range4:1000~5000MHz	-43.85	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range5:5000~12000MHz	-35.94	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range6:12000~26500MHz	-58.62	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:0.009~0.15MHz	-61.12	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:0.15~30MHz	-57.39	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range3:30~1000MHz	-60.94	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range4:1000~5000MHz	-43.91	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range5:5000~12000MHz	-37.84	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range6:12000~26500MHz	-58.52	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:0.009~0.15MHz	-63.78	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:0.15~30MHz	-56.39	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range3:30~1000MHz	-60.83	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range4:1000~5000MHz	-43.9	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range5:5000~12000MHz	-36.75	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range6:12000~26500MHz	-58.77	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-61.58	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-61.82	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-59.53	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range4:1000~5000MHz	-43.94	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range5:5000~12000MHz	-37.13	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range6:12000~26500MHz	-58.59	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:0.009~0.15MHz	-62.03	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:0.15~30MHz	-60.72	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range3:30~1000MHz	-60.25	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range4:1000~5000MHz	-43.94	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range5:5000~12000MHz	-38.32	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range6:12000~26500MHz	-58.67	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:0.009~0.15MHz	-63.71	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:0.15~30MHz	-58.51	PASS

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Band7	15MHz	QPSK	20825	1RB#0	Range3:30~1000MHz	-60.04	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range4:1000~5000MHz	-43.99	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range5:5000~12000MHz	-35.72	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range6:12000~26500MHz	-58.62	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-59.46	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-56.65	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-59.62	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range4:1000~5000MHz	-43.96	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range5:5000~12000MHz	-36.44	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range6:12000~26500MHz	-58.62	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:0.009~0.15MHz	-62.34	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:0.15~30MHz	-57.13	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range3:30~1000MHz	-59.13	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range4:1000~5000MHz	-43.84	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range5:5000~12000MHz	-37.1	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range6:12000~26500MHz	-58.62	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:0.009~0.15MHz	-63.43	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:0.15~30MHz	-58.79	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range3:30~1000MHz	-60.35	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range4:1000~5000MHz	-43.86	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range5:5000~12000MHz	-35.79	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range6:12000~26500MHz	-58.66	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-62.39	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-57.32	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-60.04	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range4:1000~5000MHz	-43.91	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range5:5000~12000MHz	-37.03	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range6:12000~26500MHz	-58.68	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:0.009~0.15MHz	-63.15	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:0.15~30MHz	-57.91	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range3:30~1000MHz	-60.29	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range4:1000~5000MHz	-43.94	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range5:5000~12000MHz	-37.48	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range6:12000~26500MHz	-58.73	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:0.009~0.15MHz	-64.76	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:0.15~30MHz	-57.72	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range3:30~1000MHz	-60.03	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range4:1000~5000MHz	-43.96	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range5:5000~12000MHz	-35.84	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range6:12000~26500MHz	-58.69	PASS

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Band7	20MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-62.06	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-56.15	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-59.11	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range4:1000~5000MHz	-43.91	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range5:5000~12000MHz	-36.11	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range6:12000~26500MHz	-58.5	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:0.009~0.15MHz	-58.58	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:0.15~30MHz	-57.03	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range3:30~1000MHz	-60.54	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range4:1000~5000MHz	-43.98	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range5:5000~12000MHz	-36.15	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range6:12000~26500MHz	-58.62	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:0.009~0.15MHz	-63.45	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:0.15~30MHz	-58.9	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range3:30~1000MHz	-59.08	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range4:1000~5000MHz	-43.85	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range5:5000~12000MHz	-36.05	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range6:12000~26500MHz	-58.43	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-62.95	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-55.76	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-59.78	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range4:1000~5000MHz	-44	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range5:5000~12000MHz	-37.13	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range6:12000~26500MHz	-58.68	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:0.009~0.15MHz	-60.01	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:0.15~30MHz	-56.47	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range3:30~1000MHz	-60.25	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range4:1000~5000MHz	-43.79	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range5:5000~12000MHz	-37.13	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range6:12000~26500MHz	-58.67	PASS

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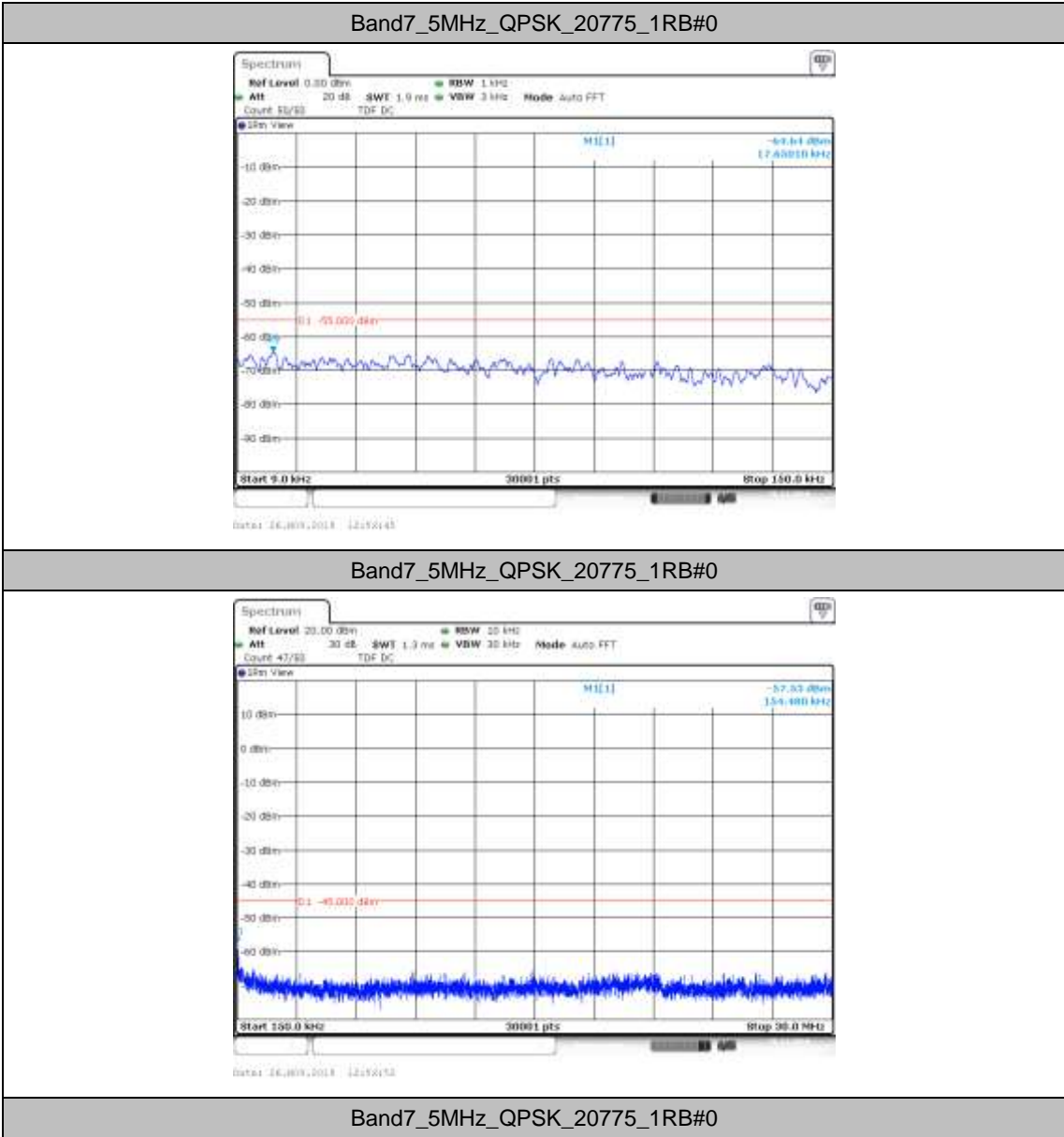
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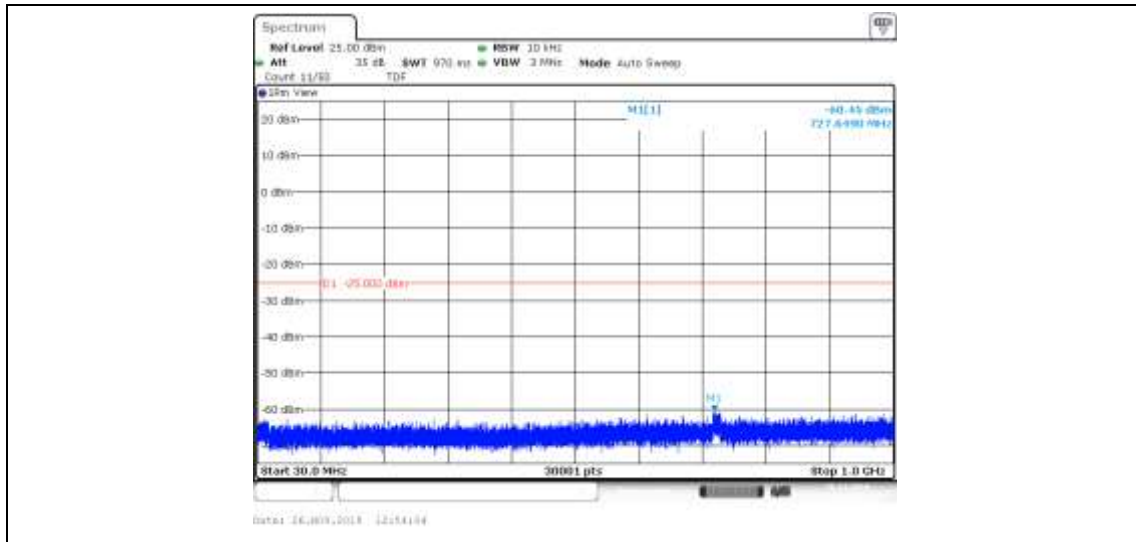
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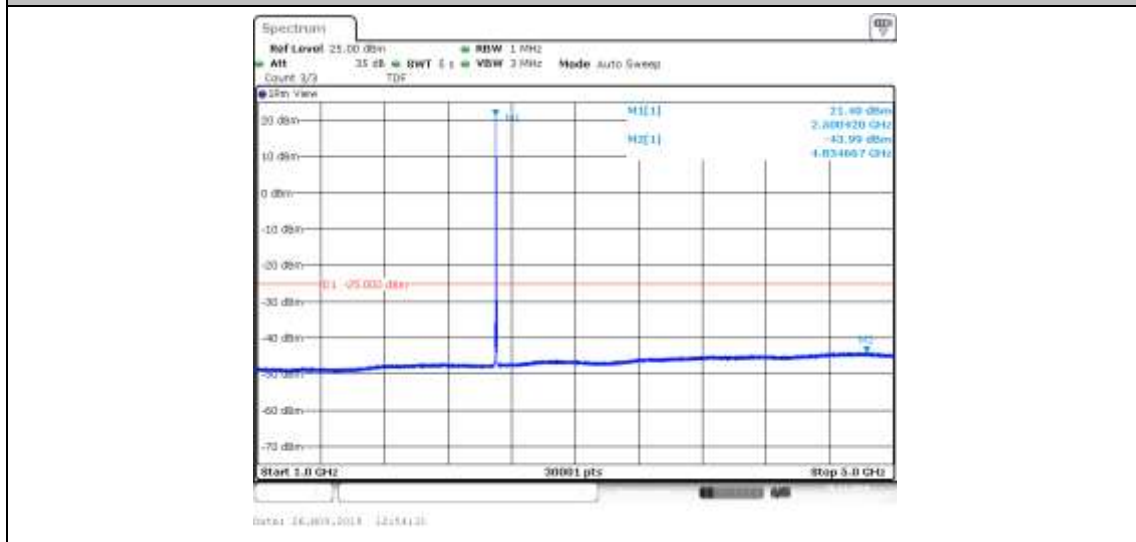
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Test Graphs

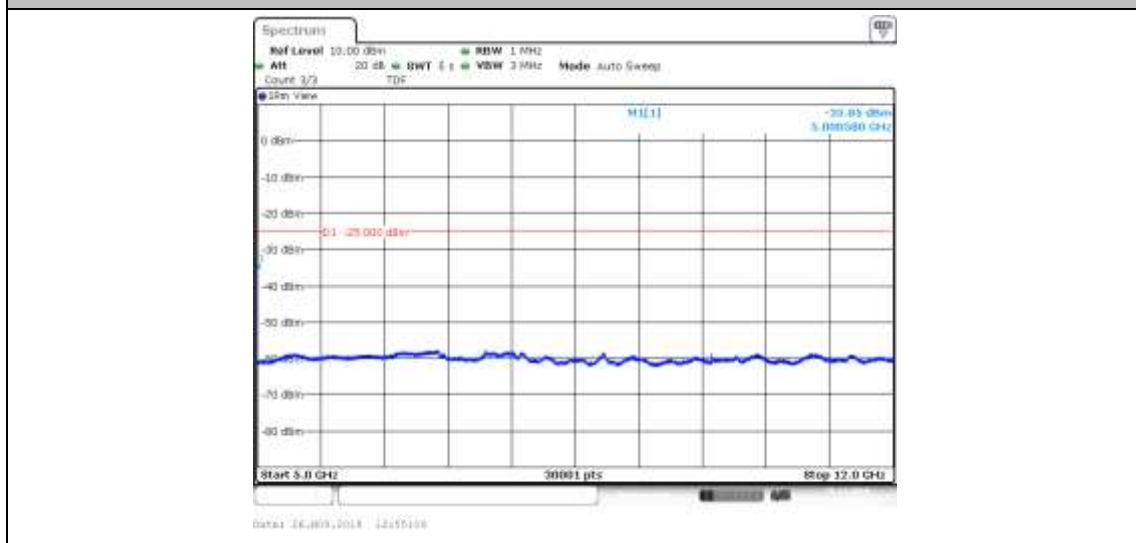




Band7_5MHz_QPSK_20775_1RB#0



Band7_5MHz_QPSK_20775_1RB#0



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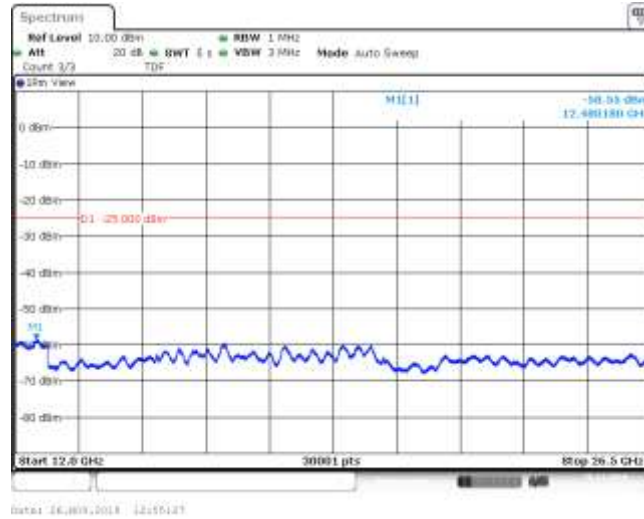
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

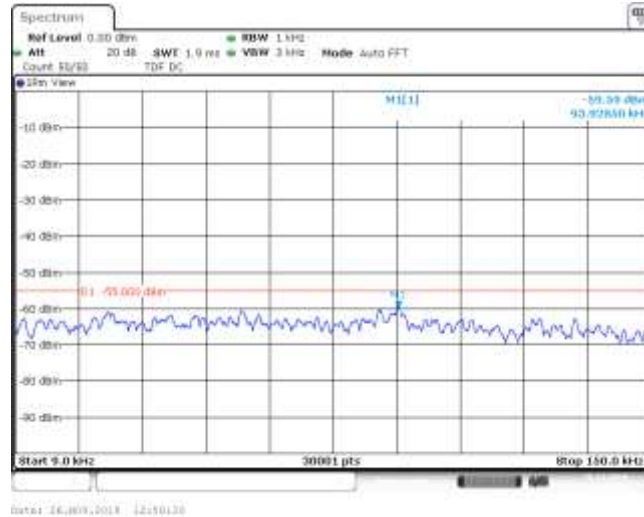
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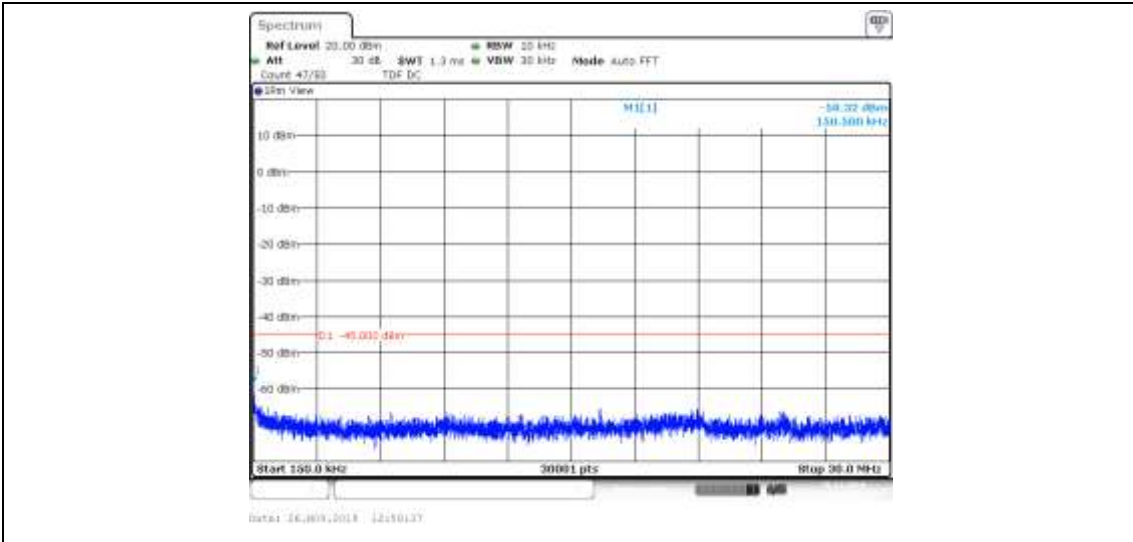
Band7_5MHz_QPSK_20775_1RB#0



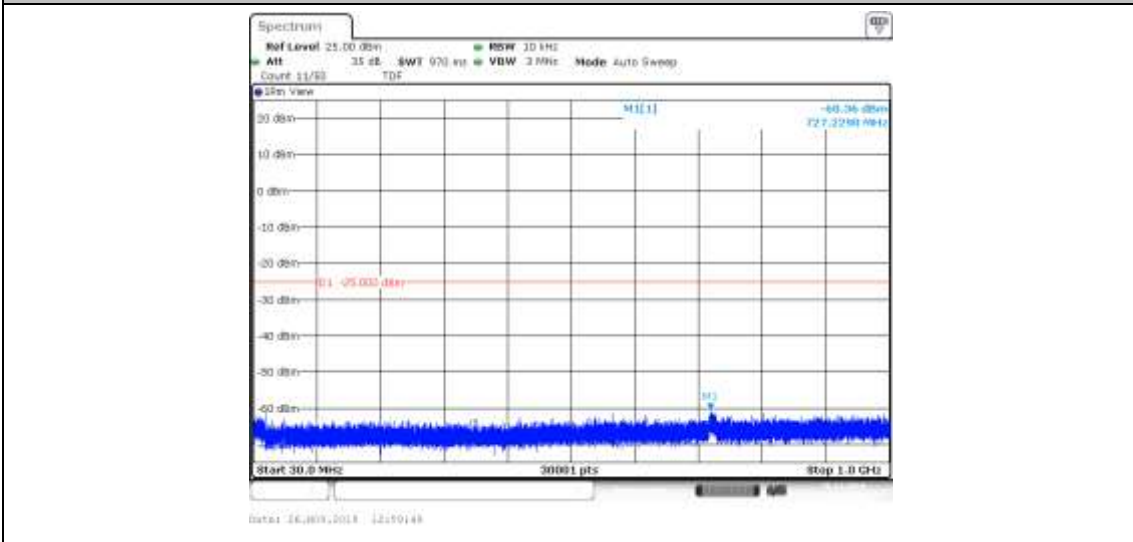
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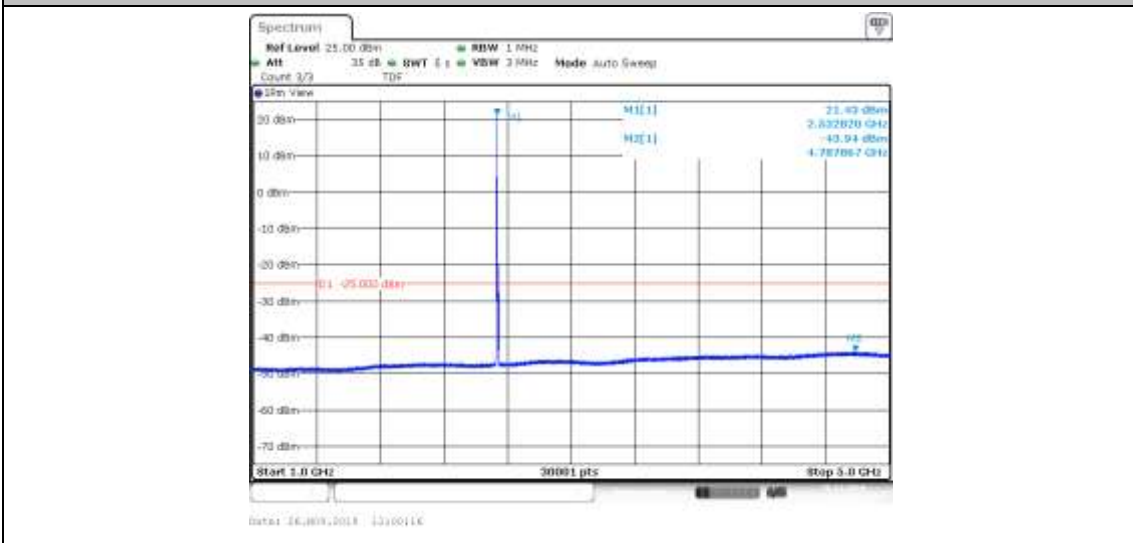
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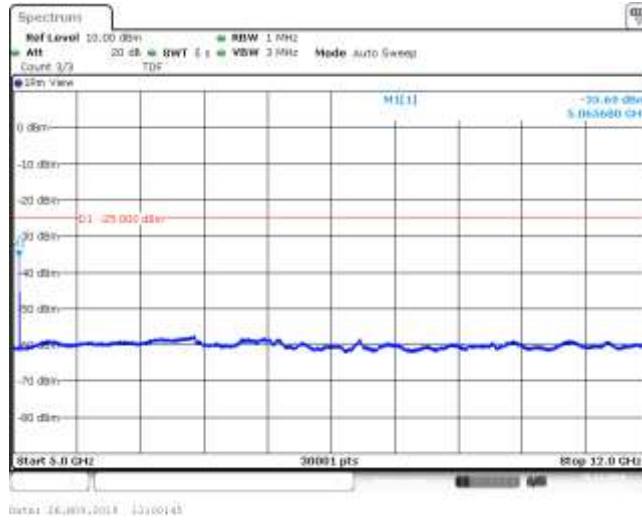
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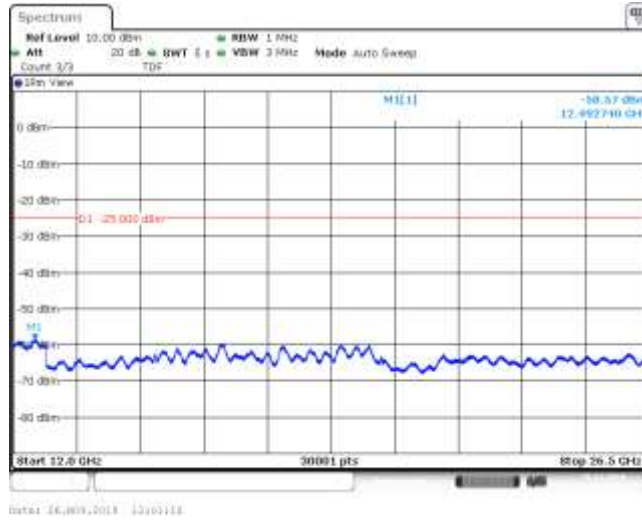
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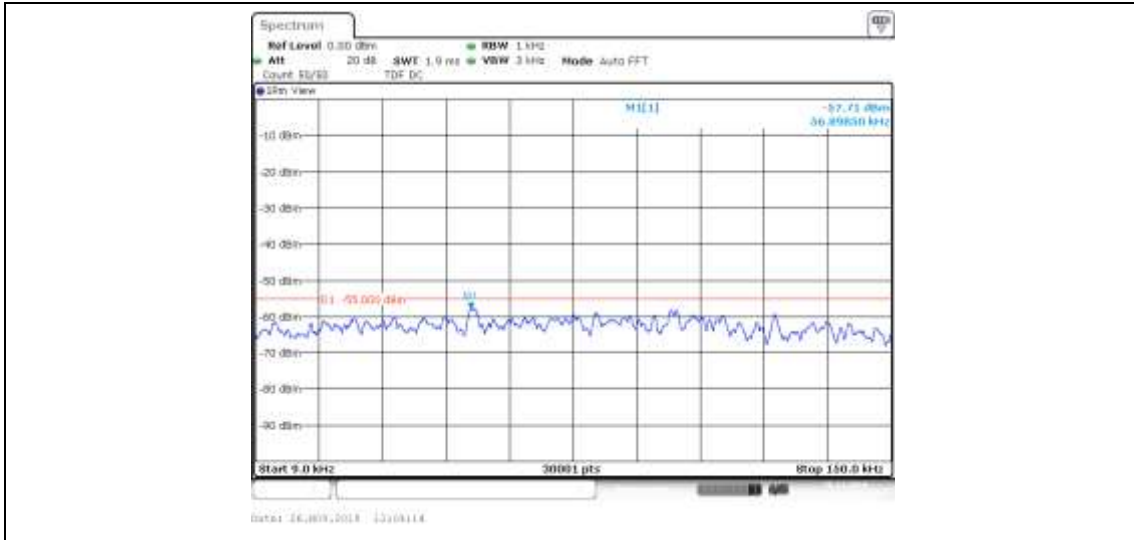
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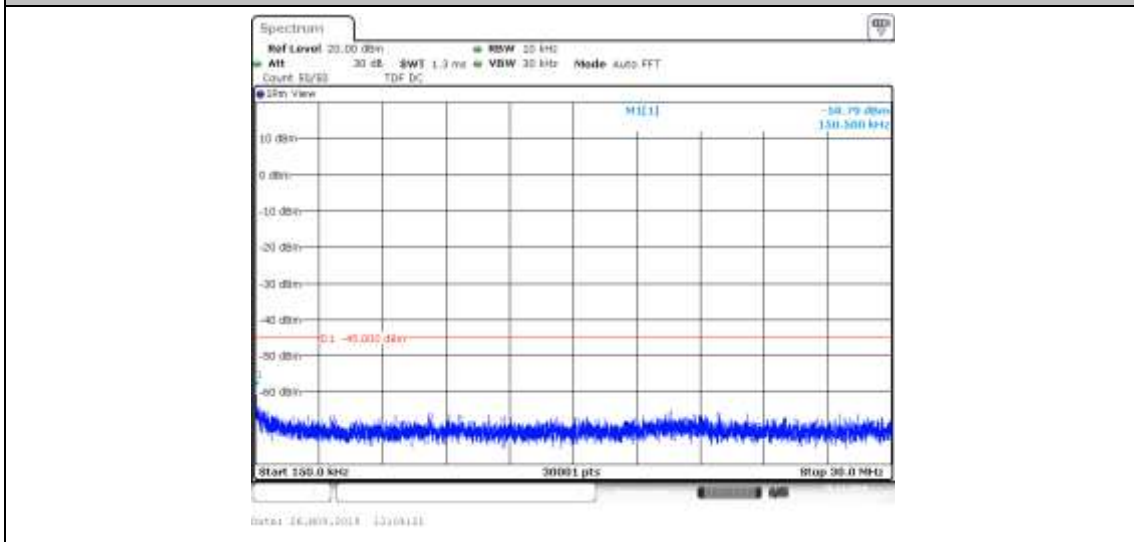
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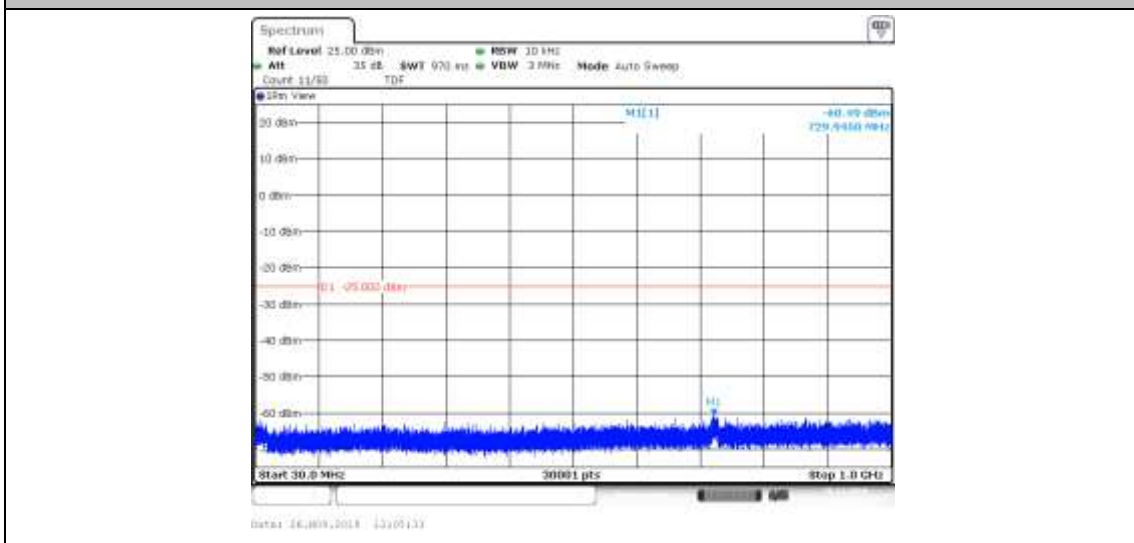
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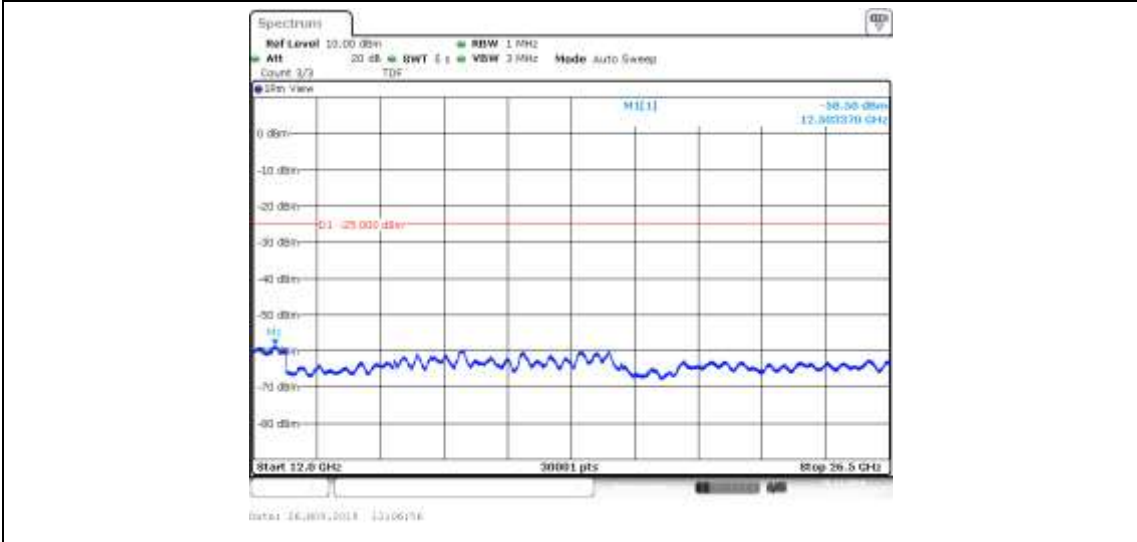


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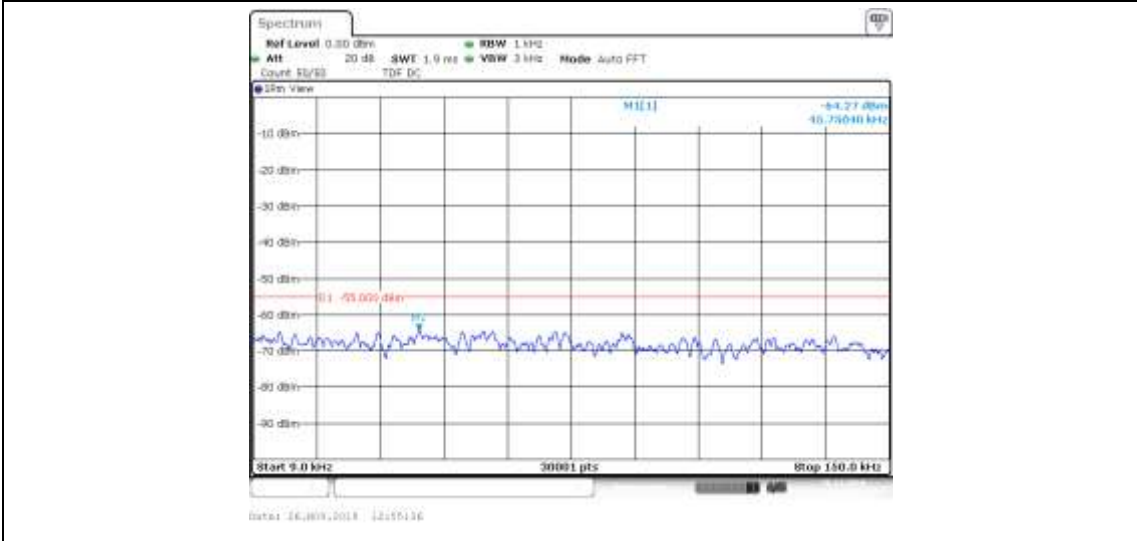


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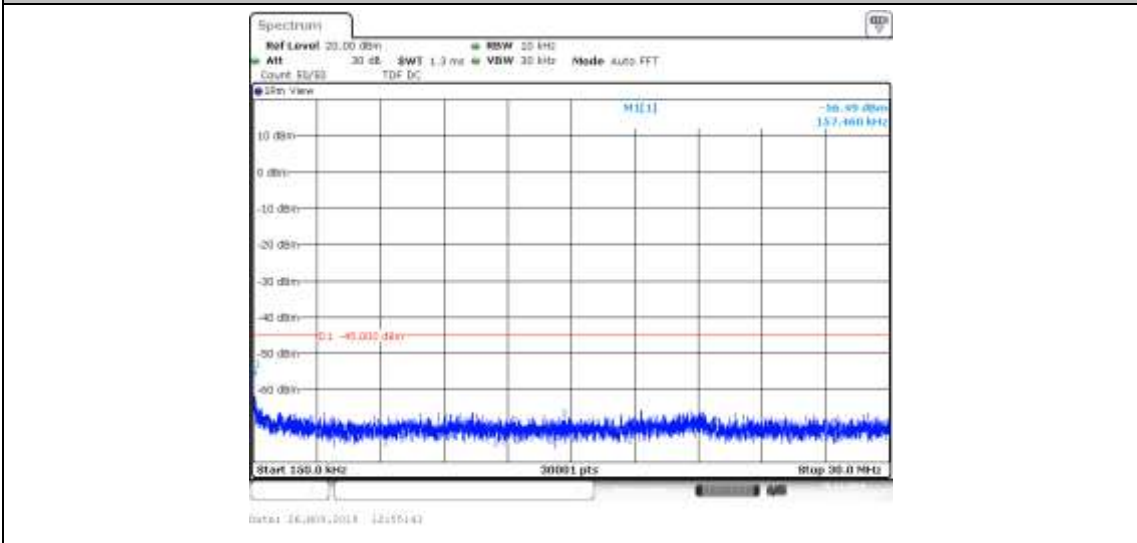




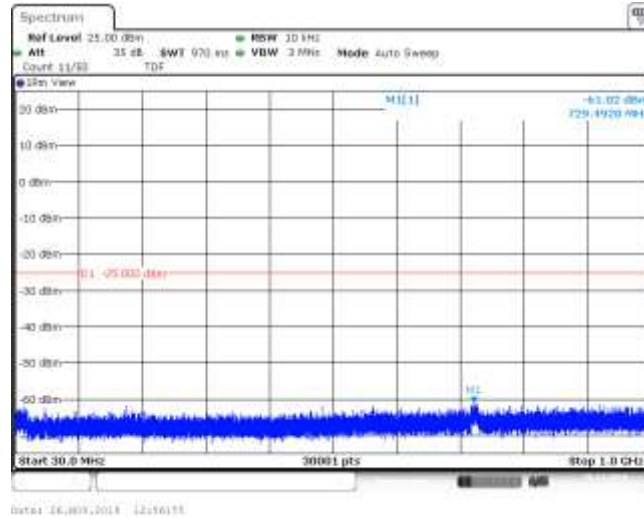
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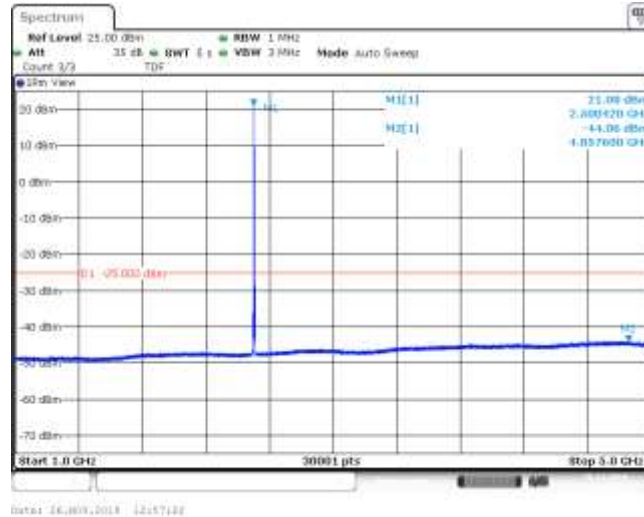
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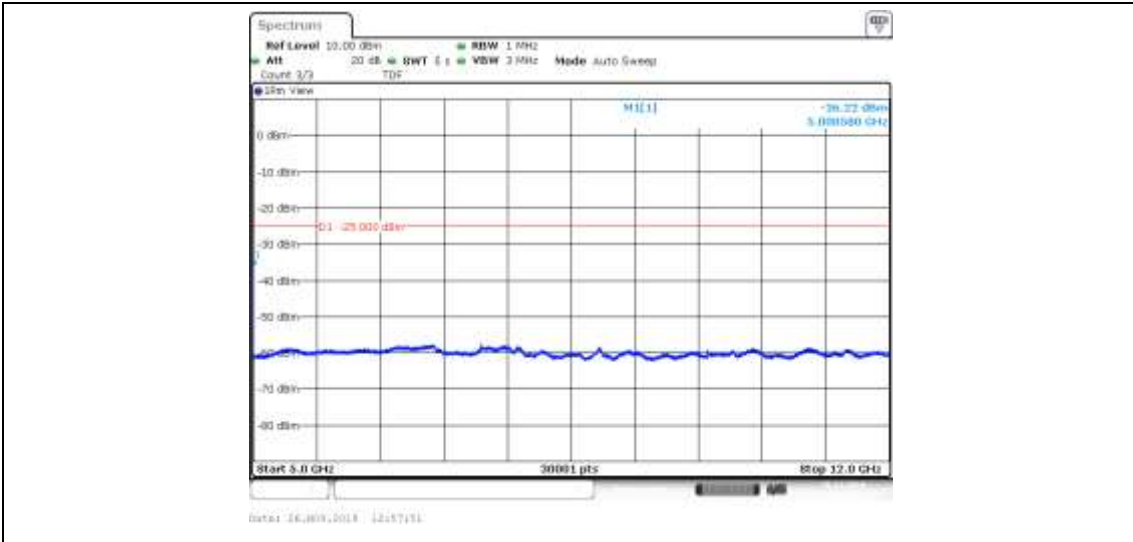
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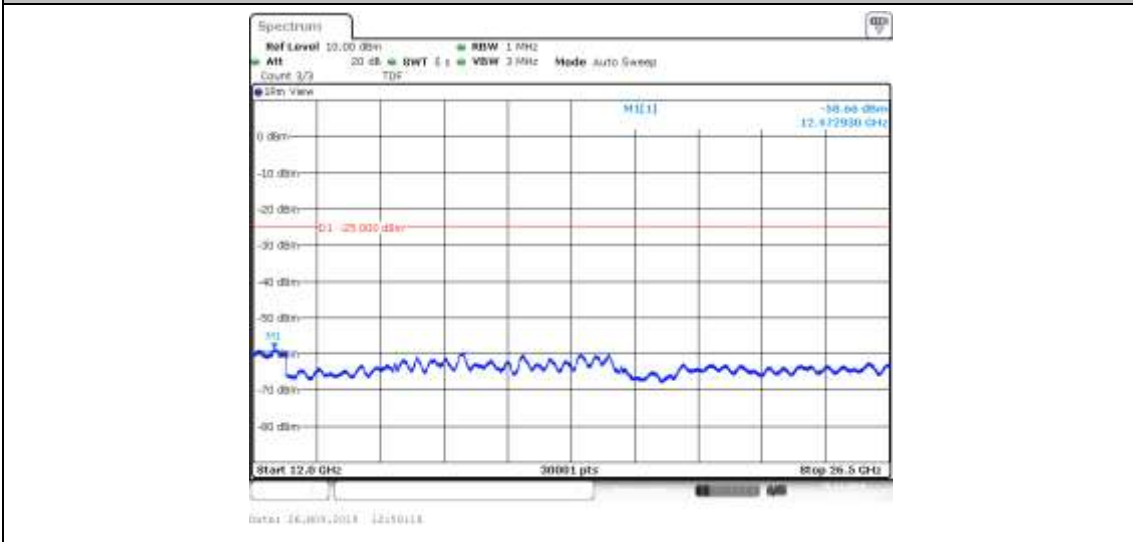
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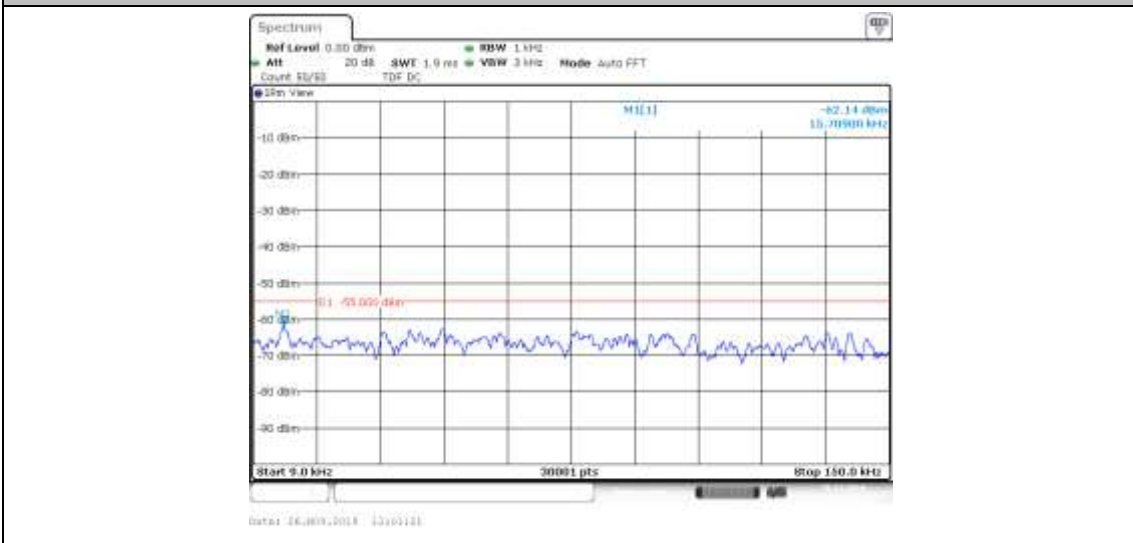
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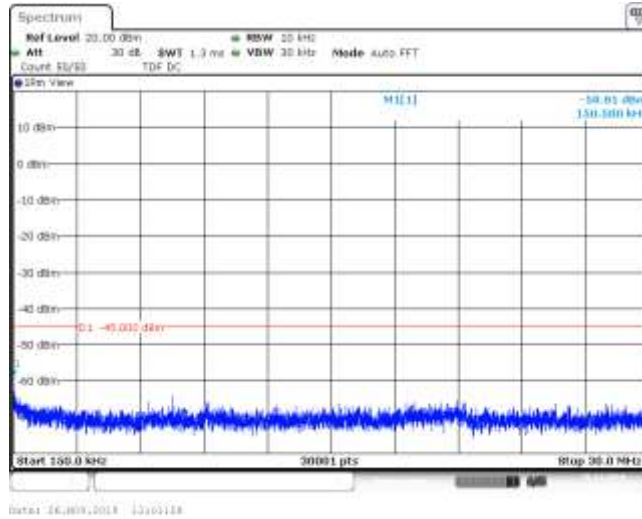
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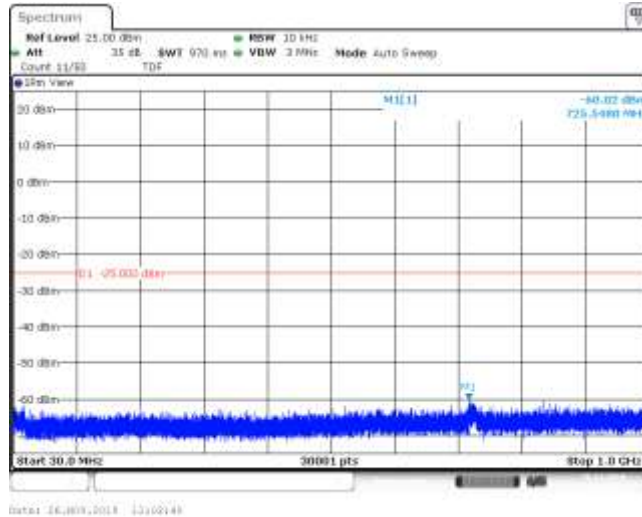
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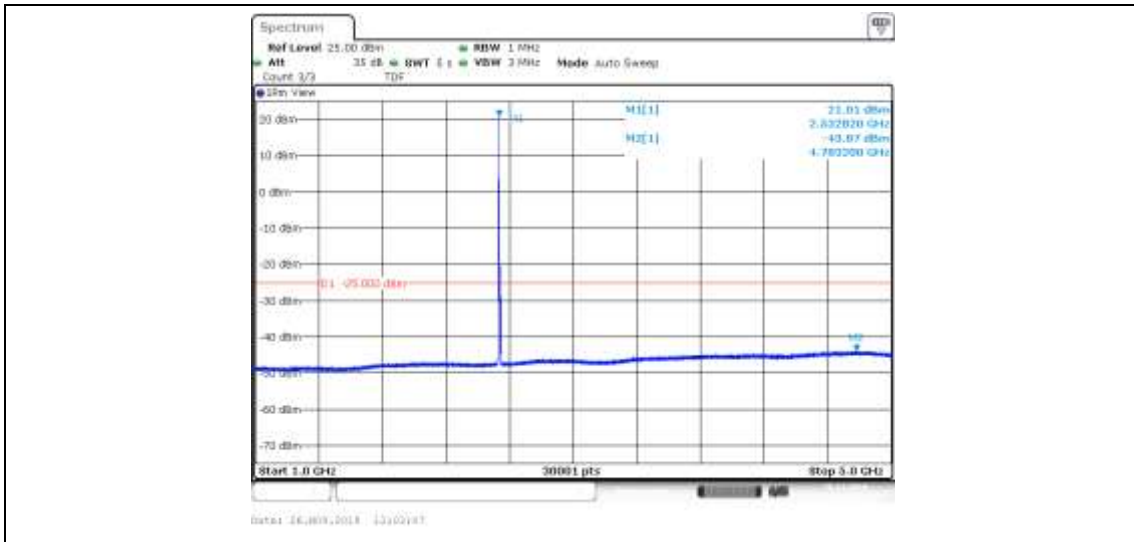
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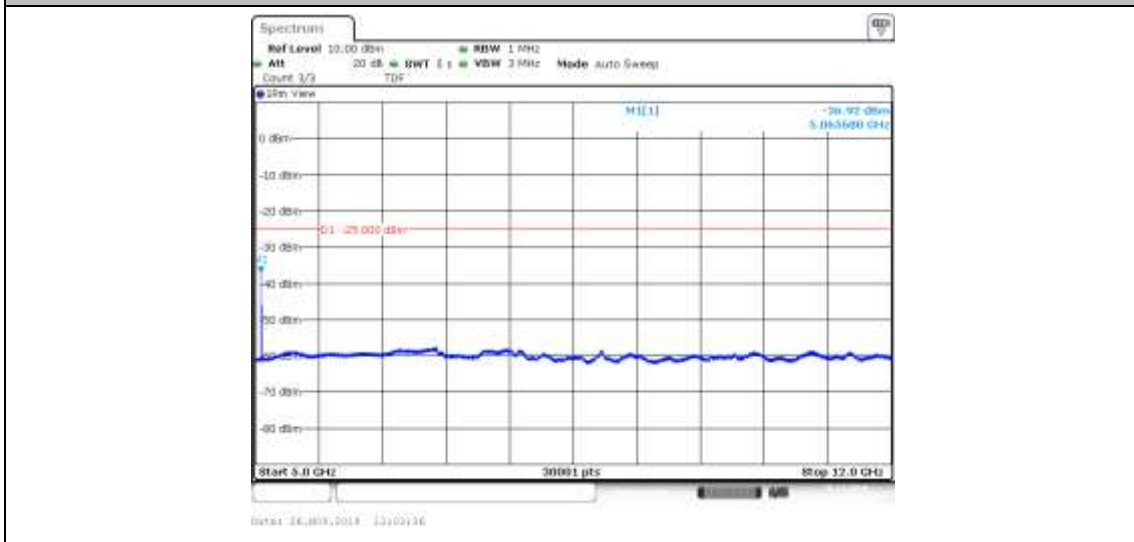
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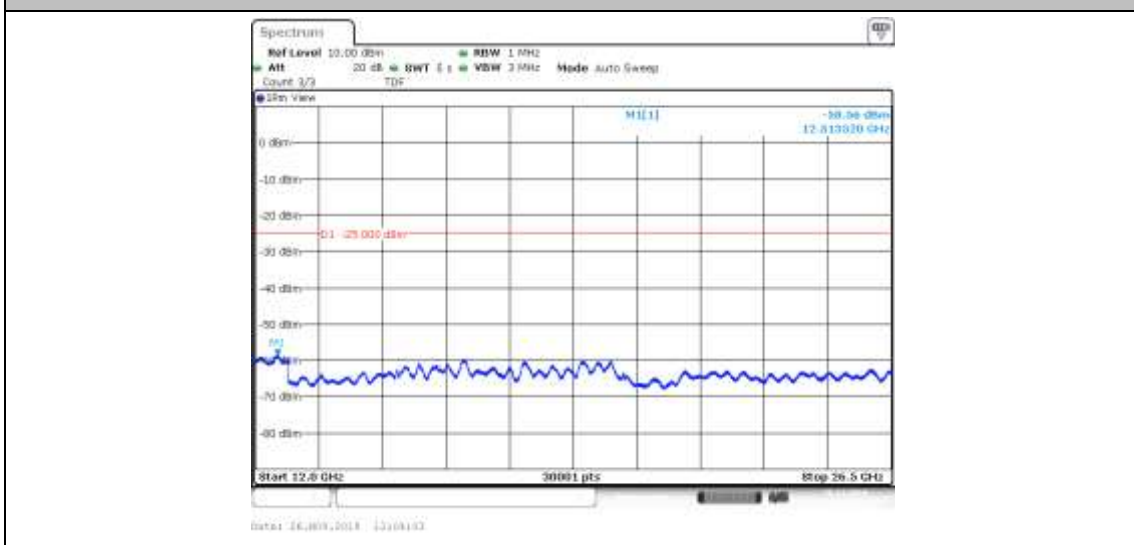
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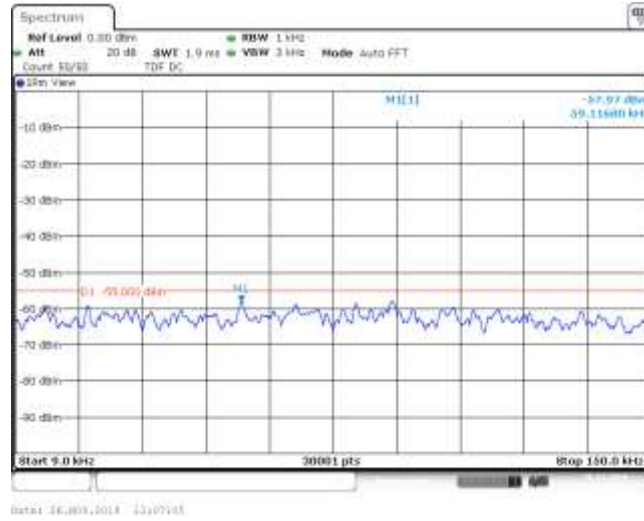
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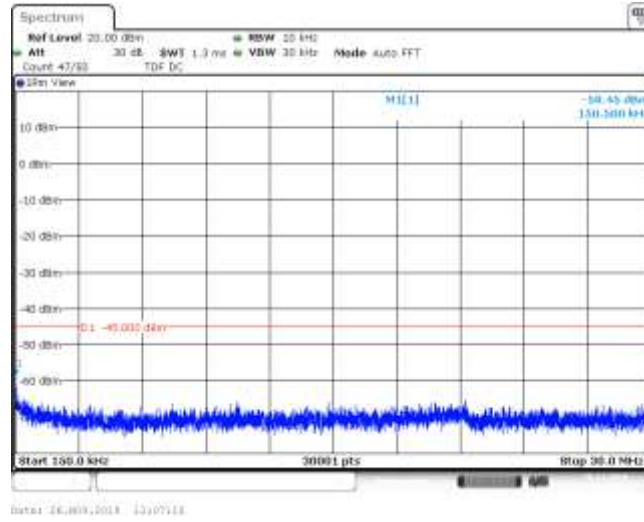
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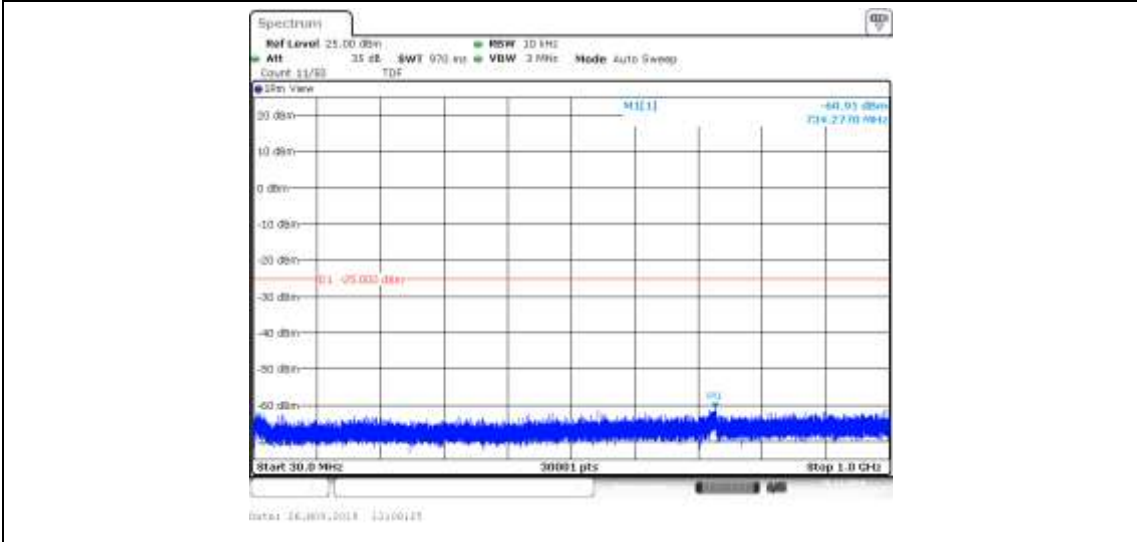
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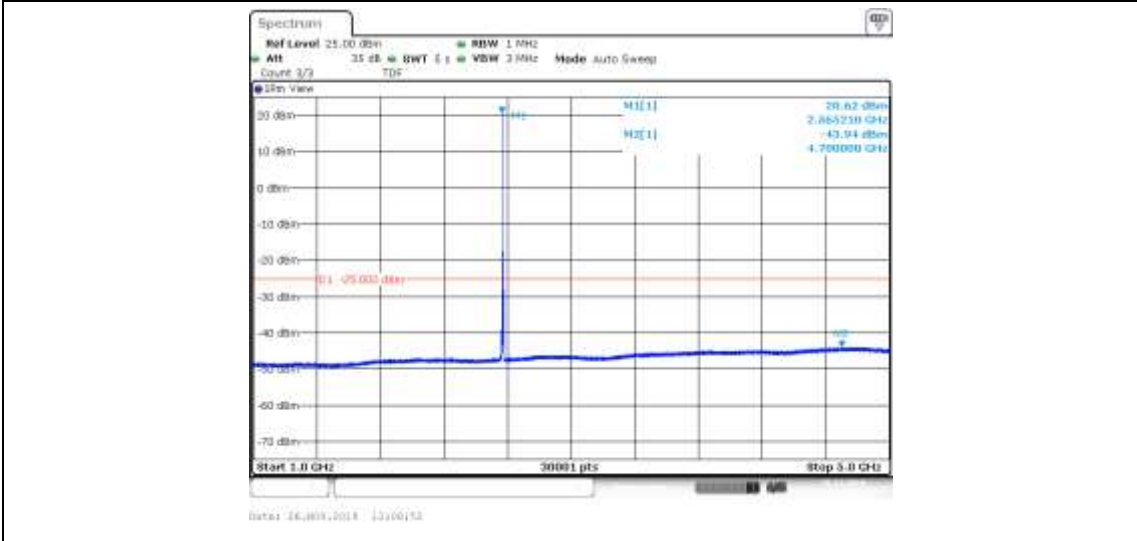
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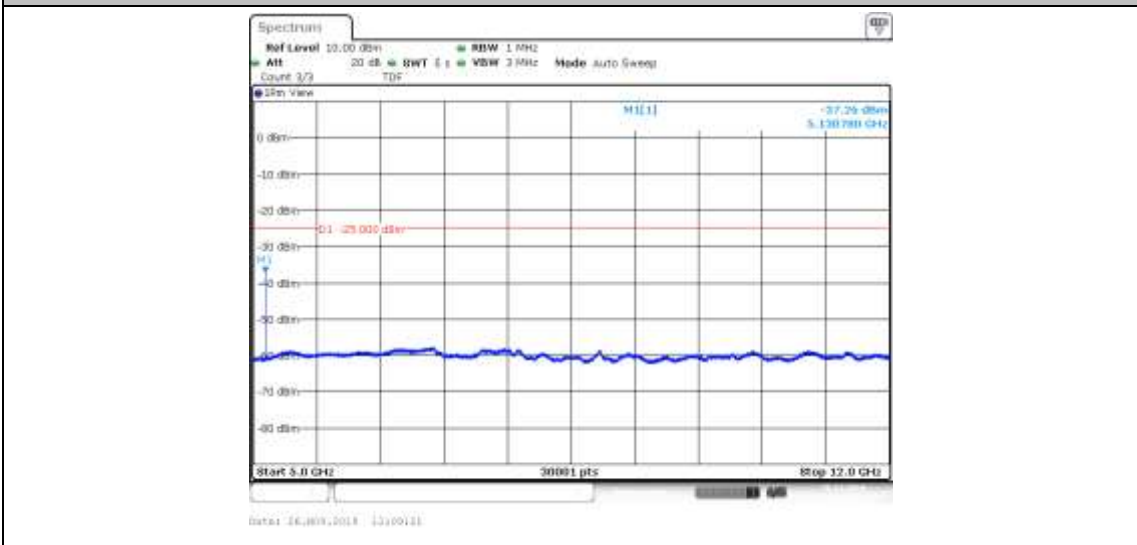
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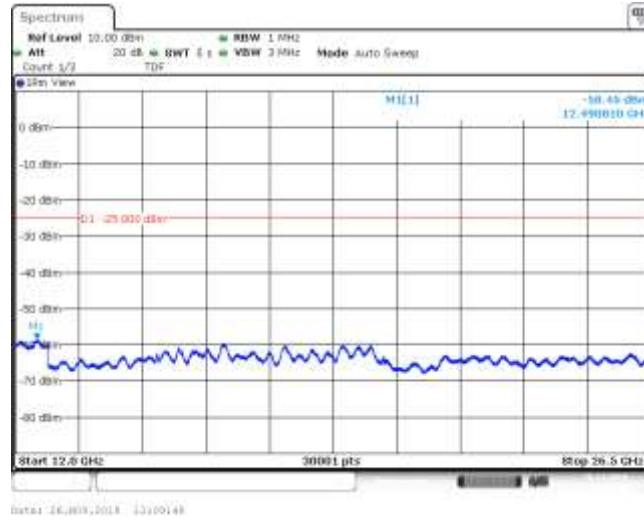
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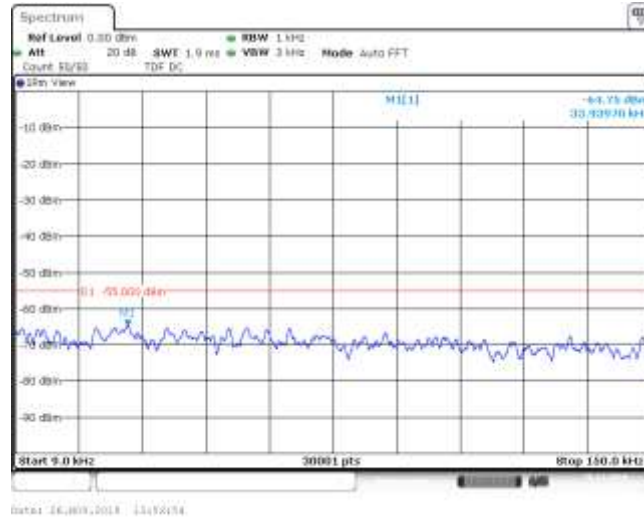
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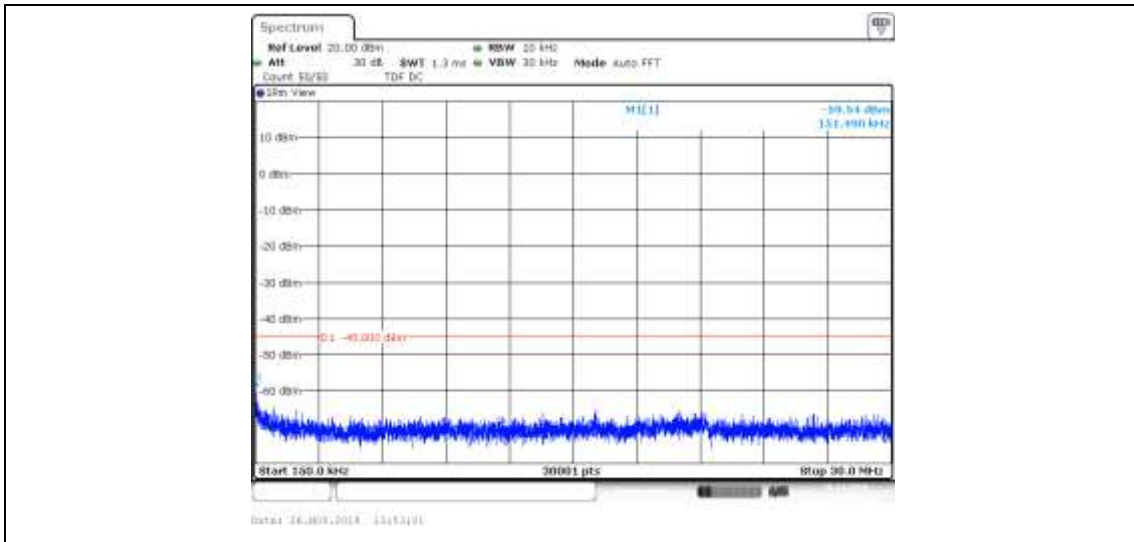
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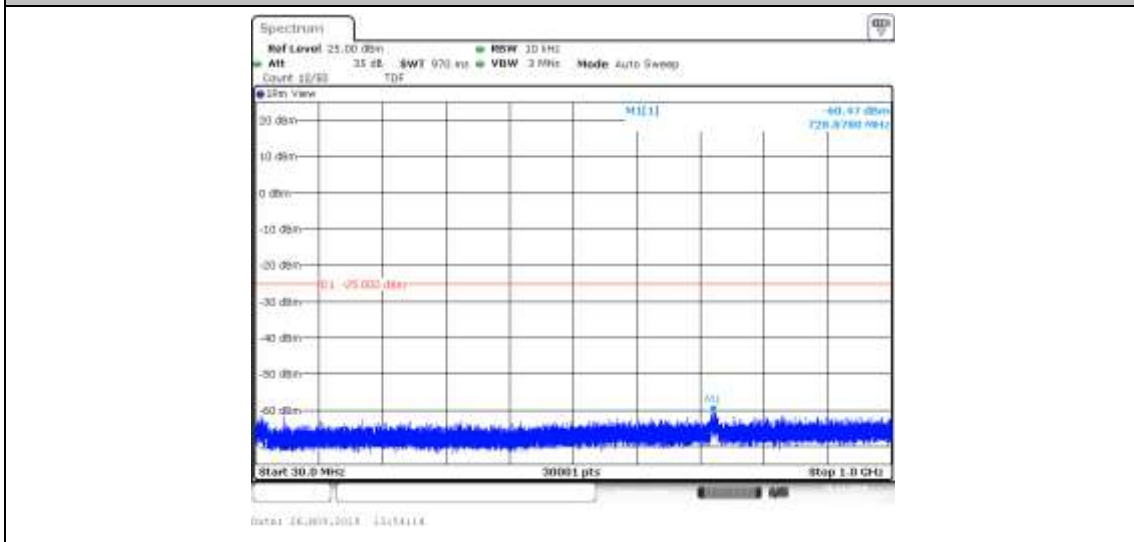
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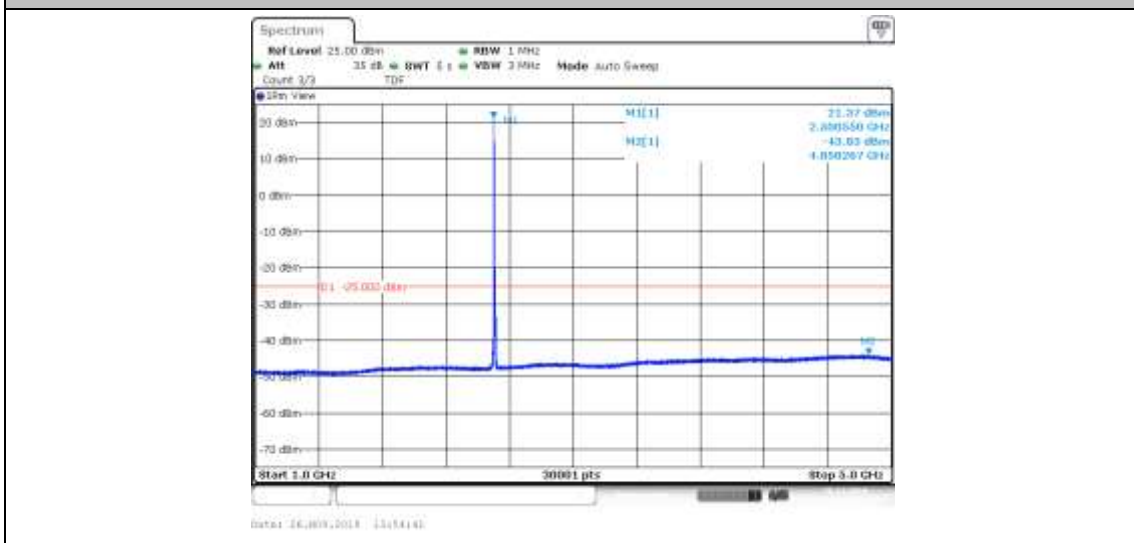
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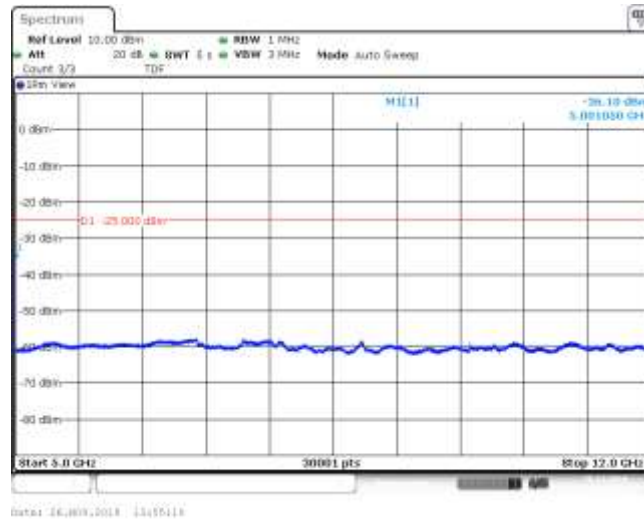
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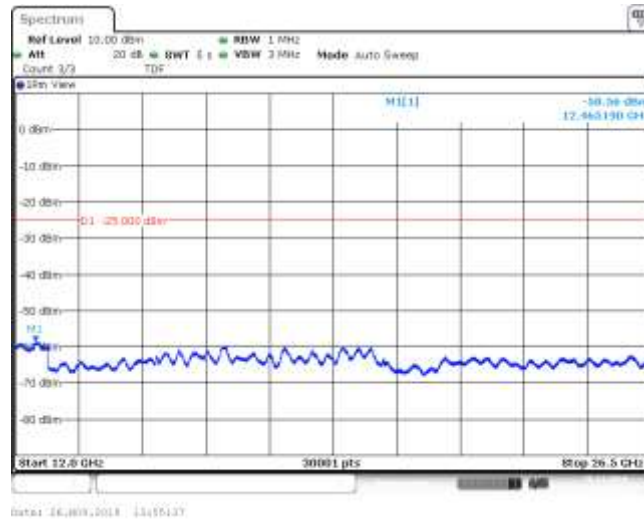
CTC Laboratories, Inc.

2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

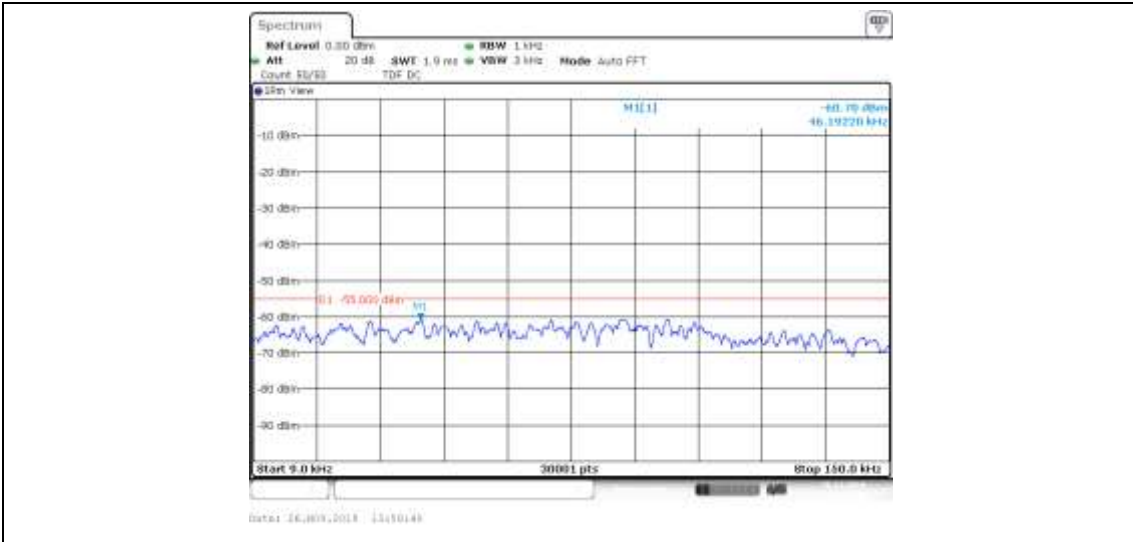
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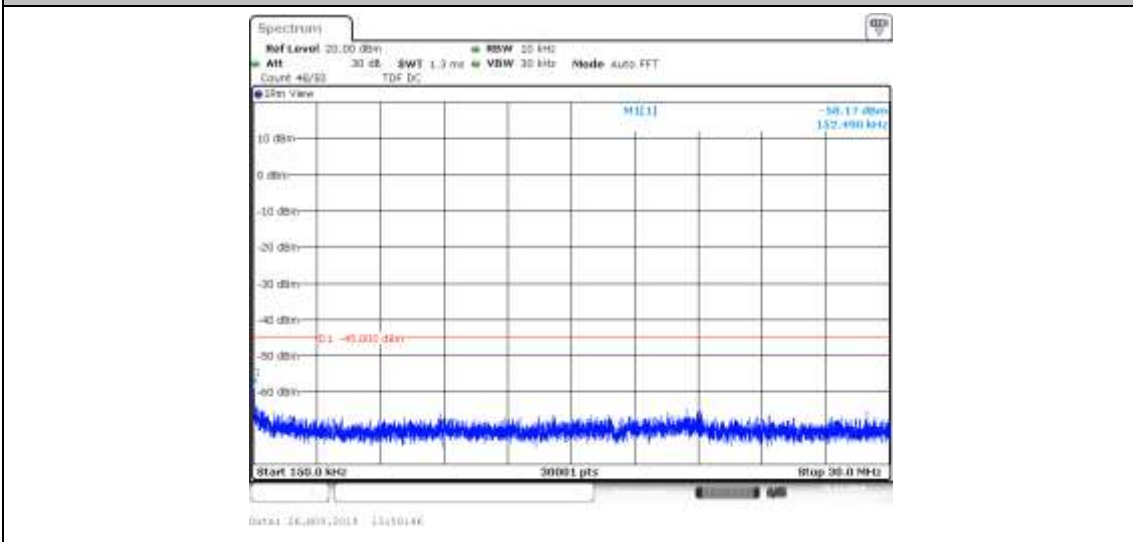
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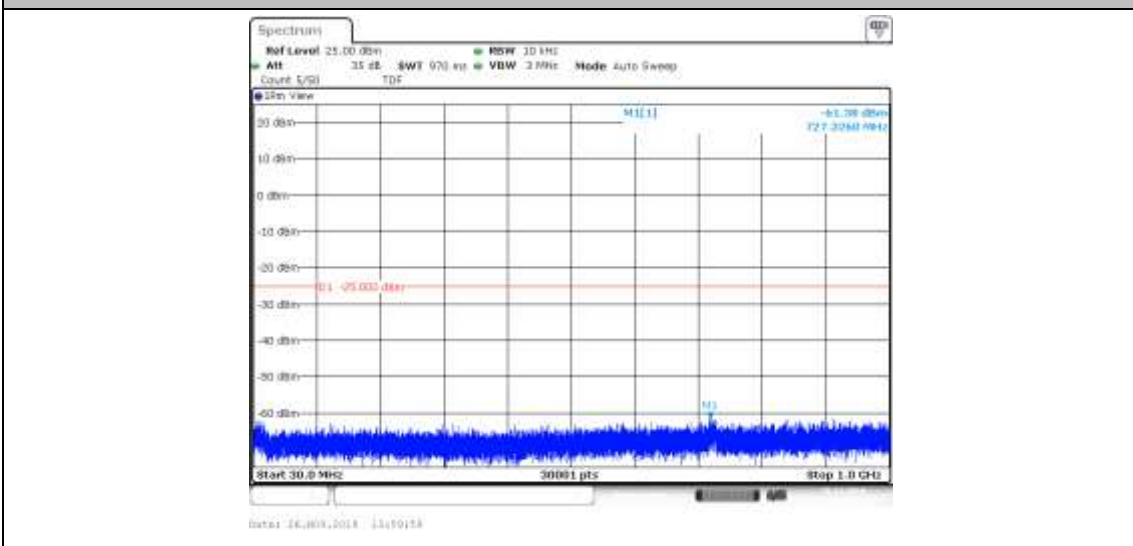
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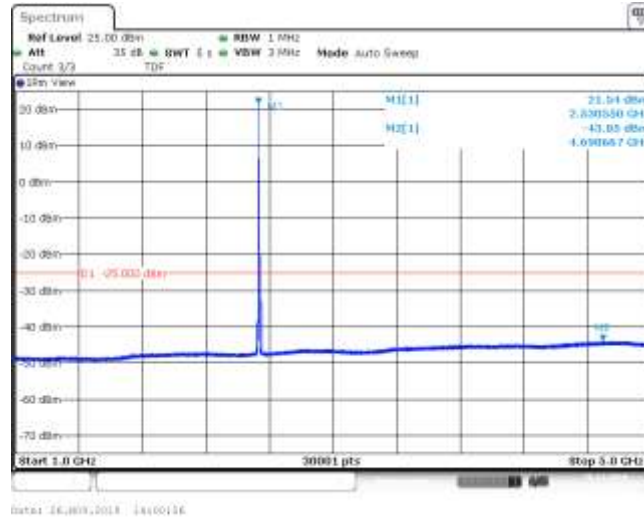
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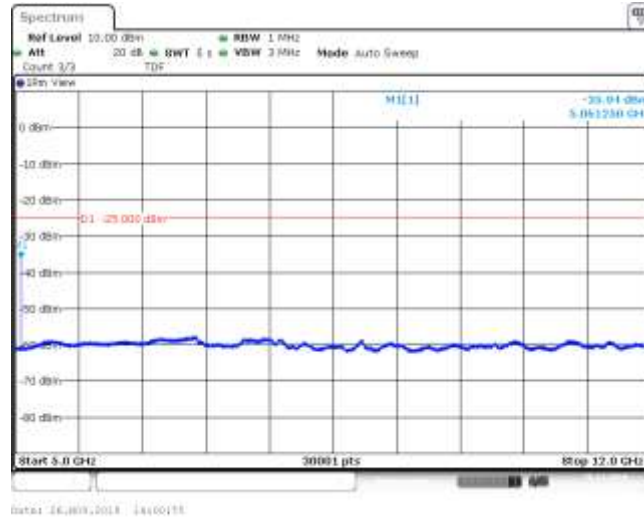
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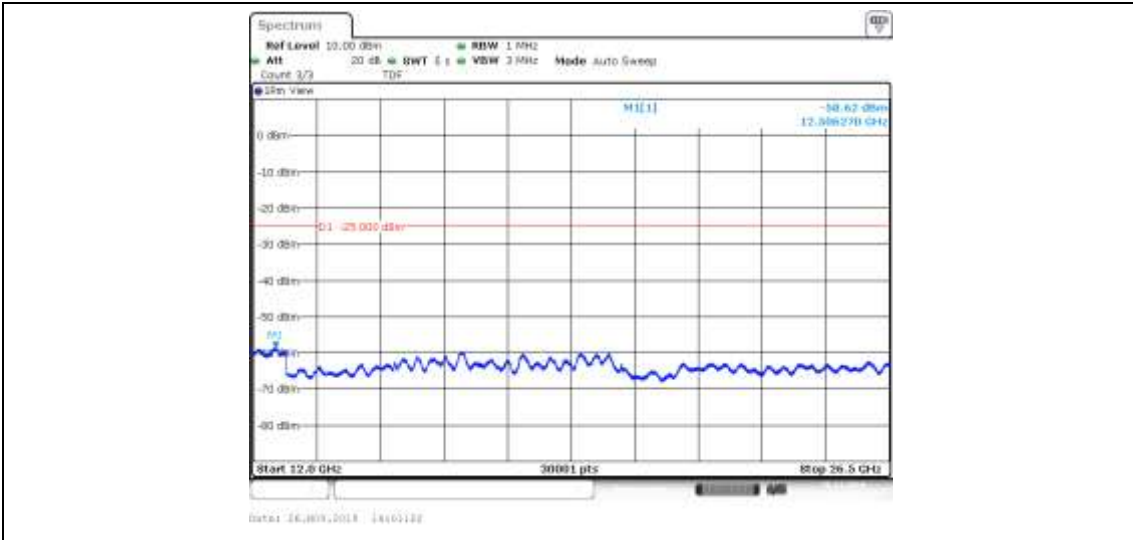
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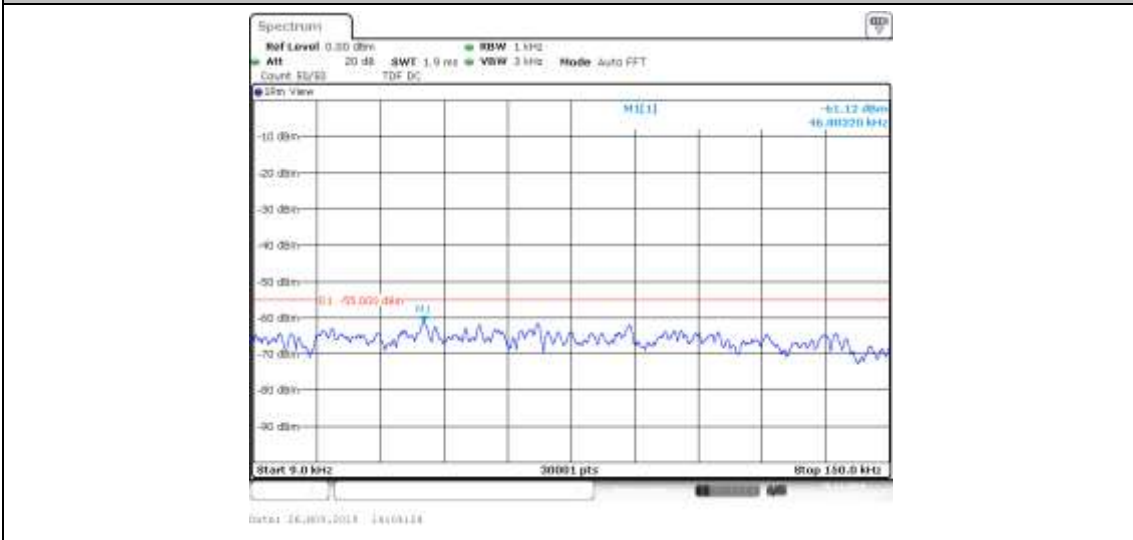
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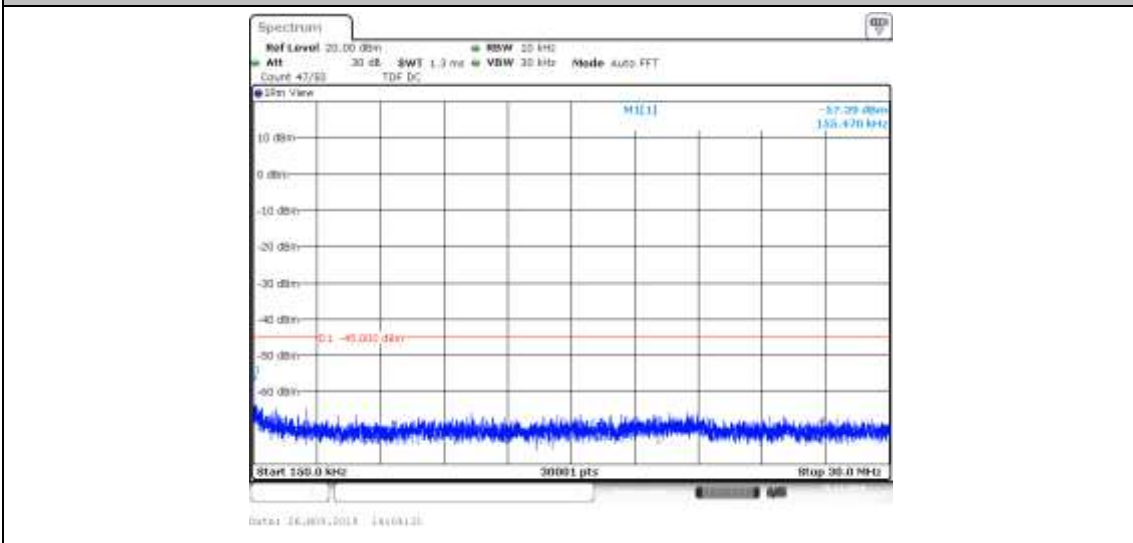
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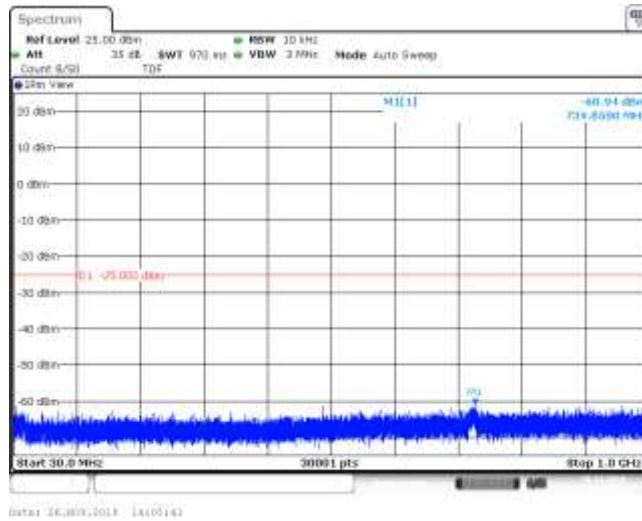
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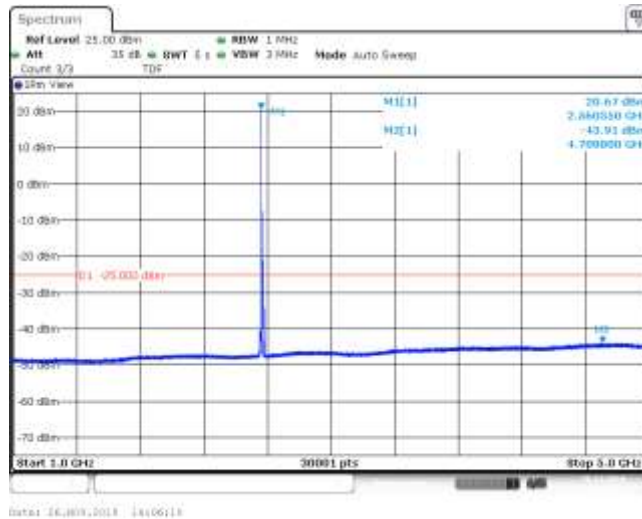
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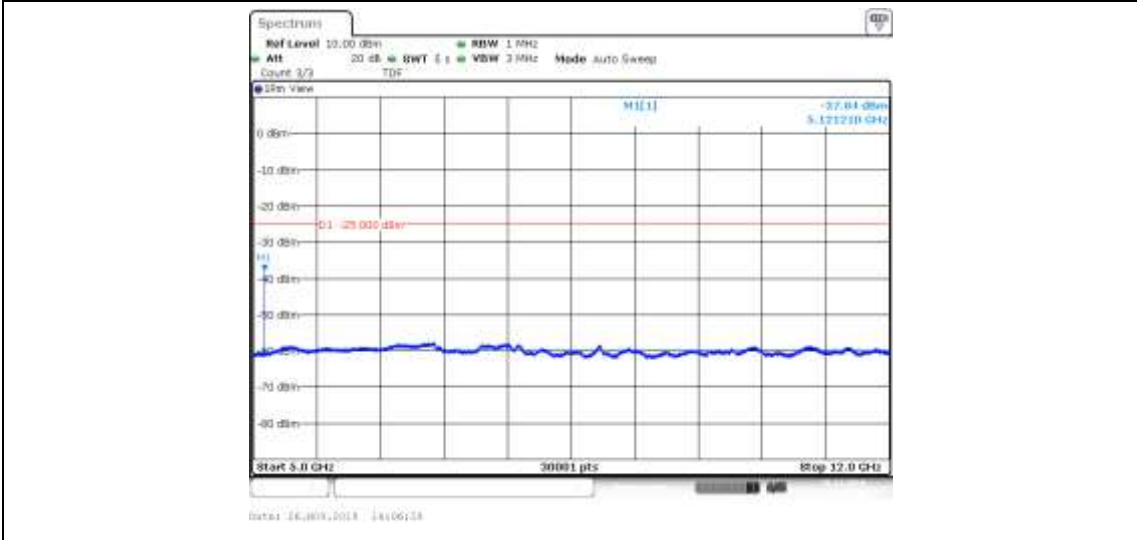
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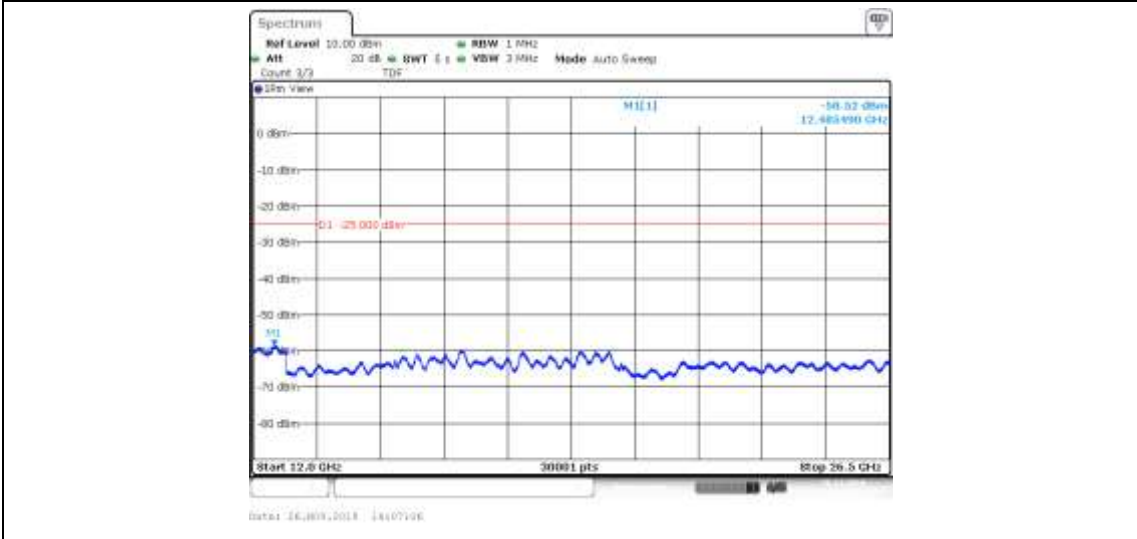
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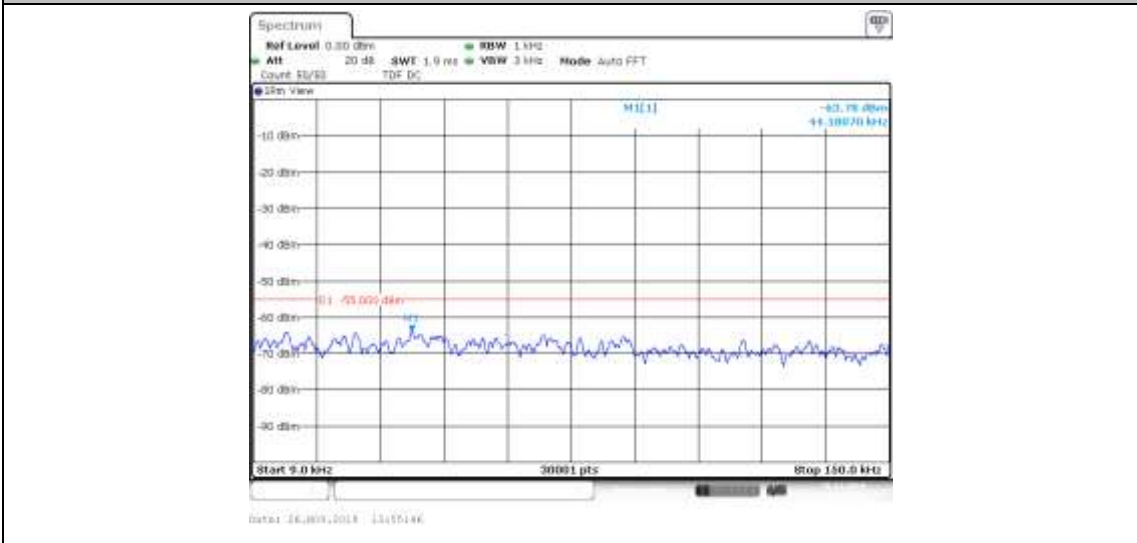
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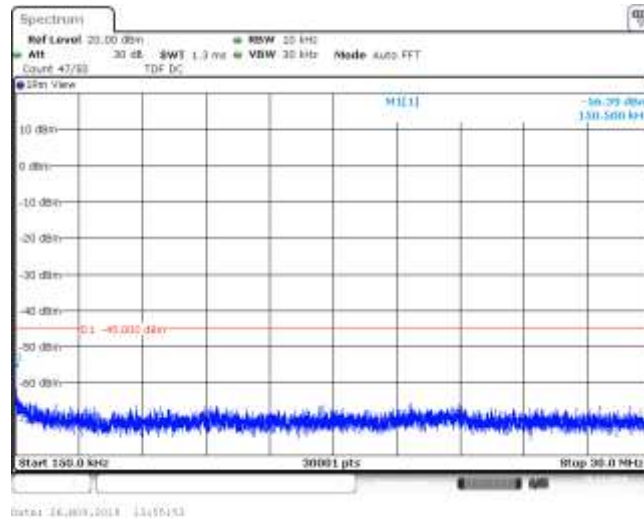
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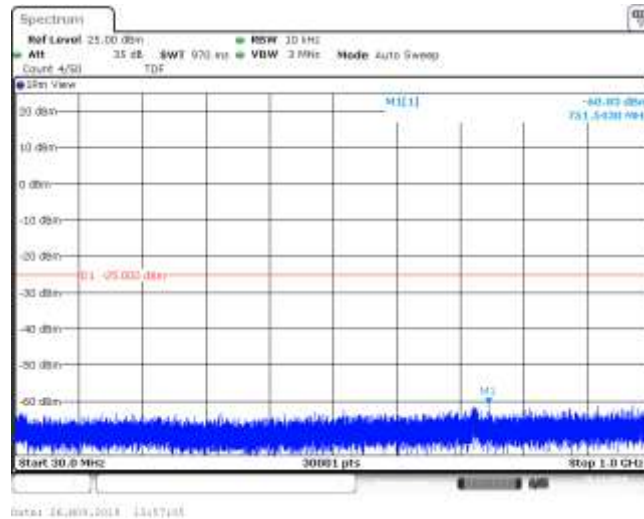
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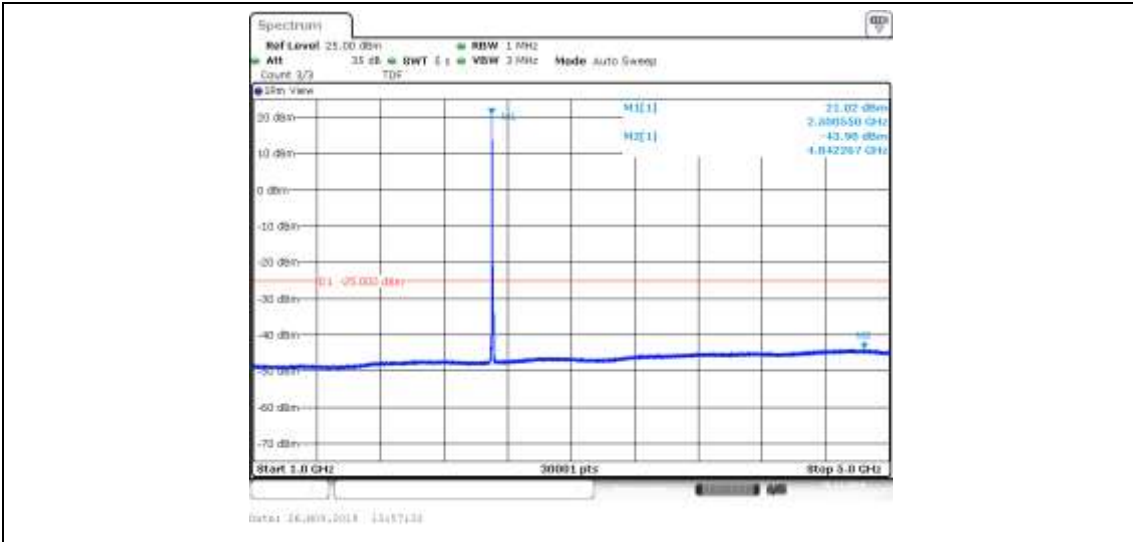
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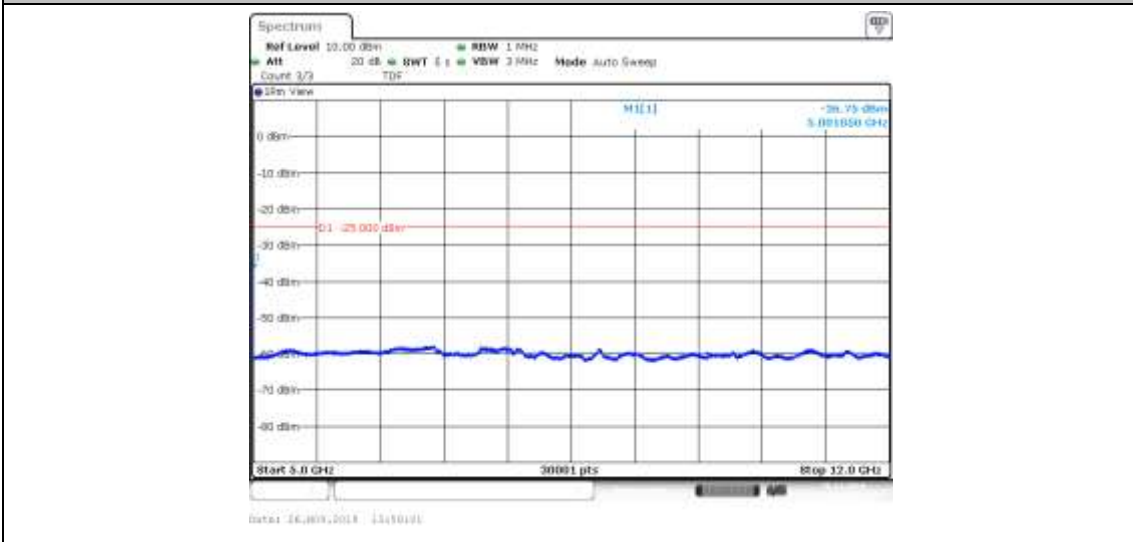
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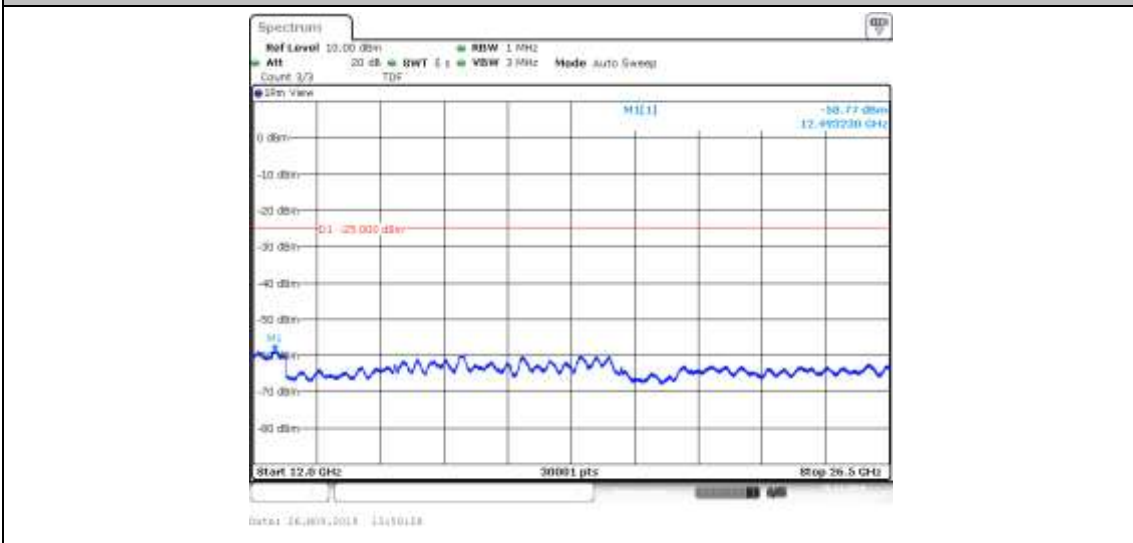
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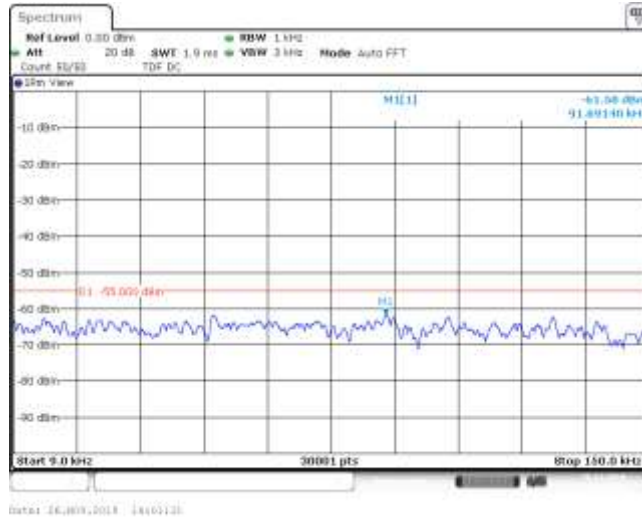
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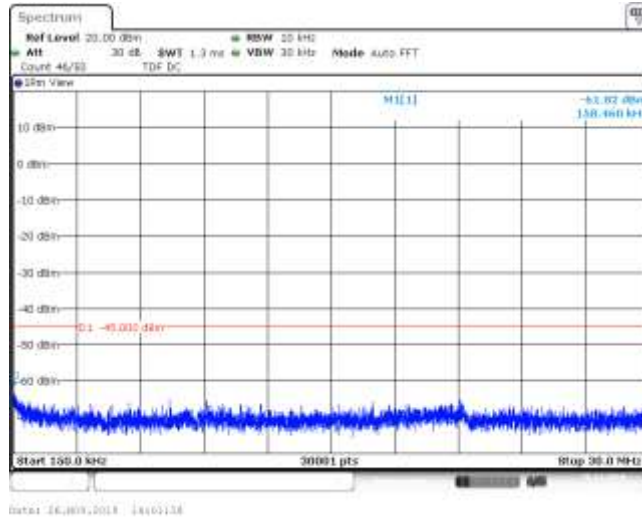
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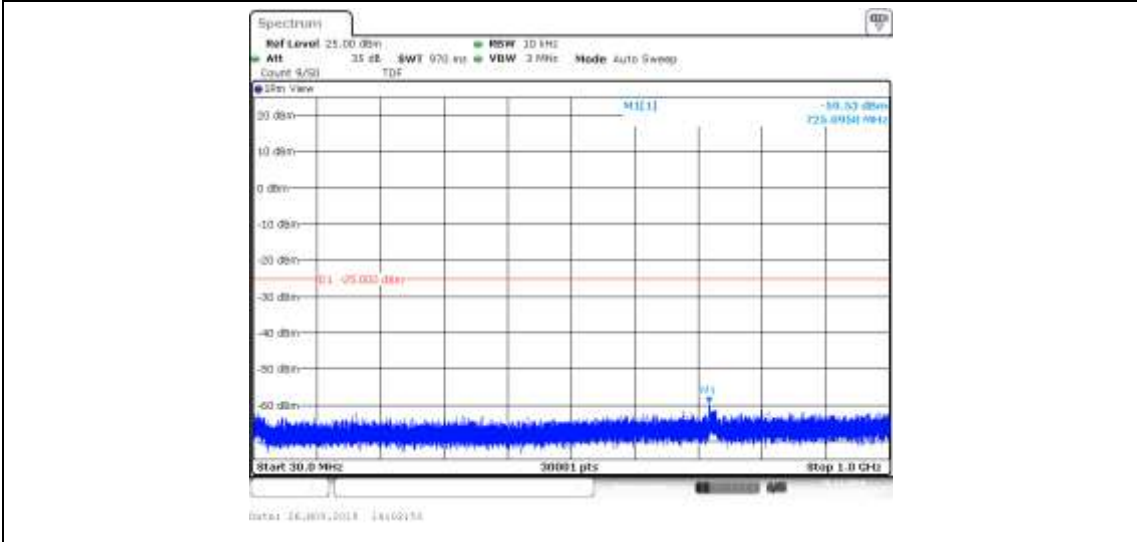
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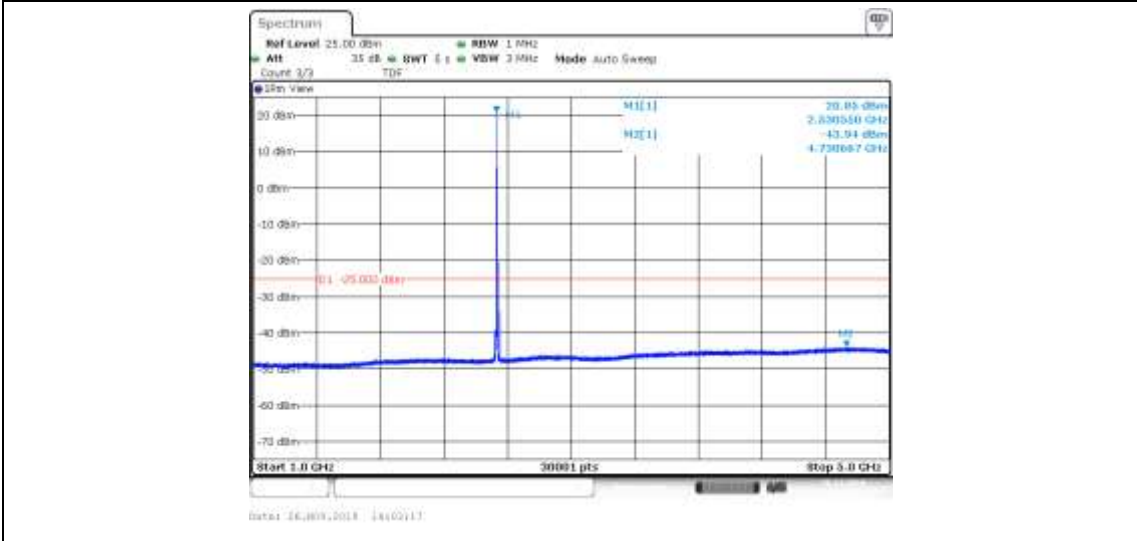
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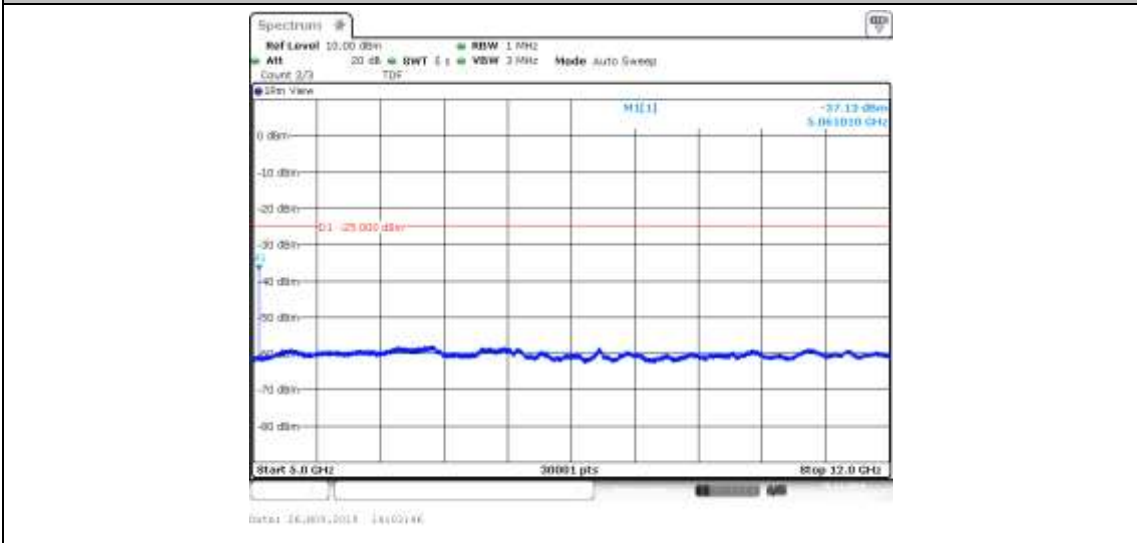
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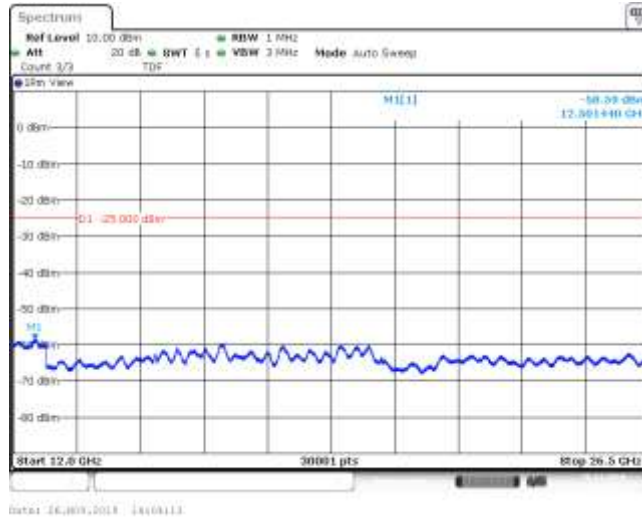
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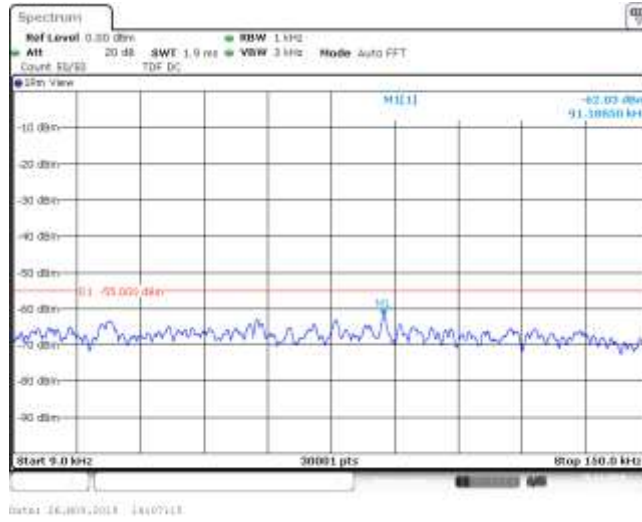
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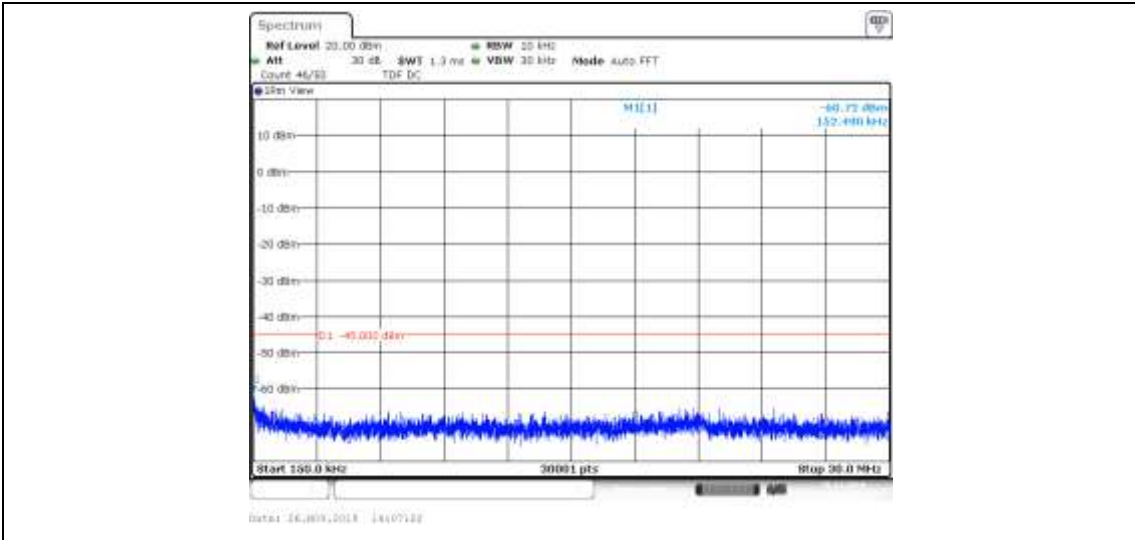
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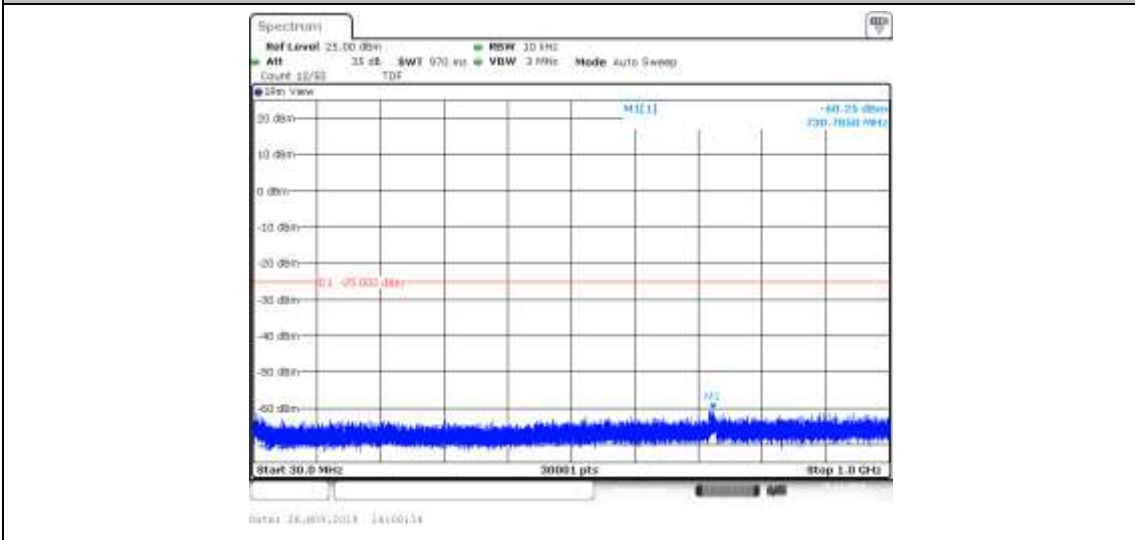
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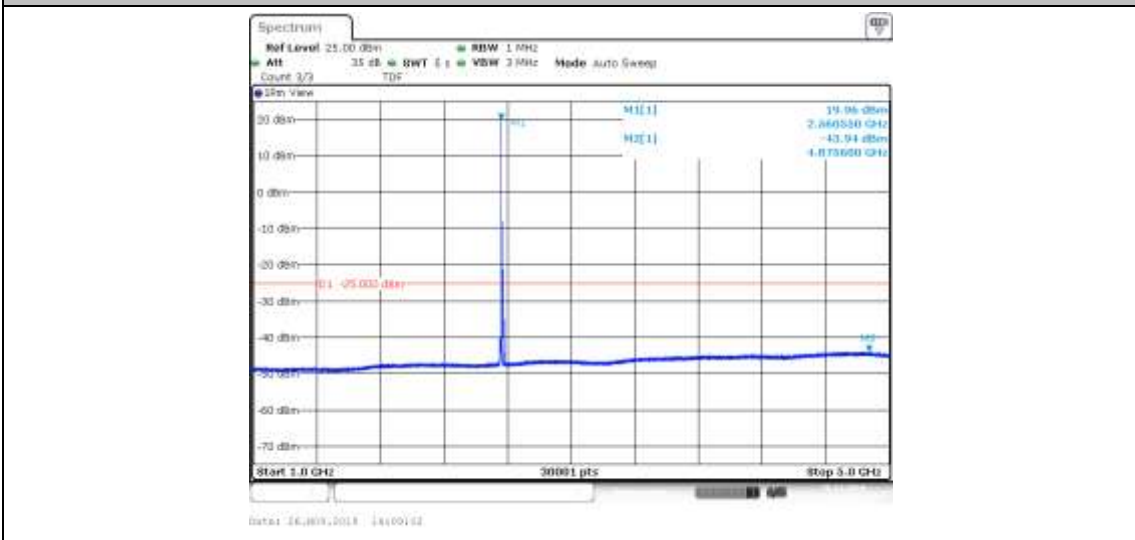
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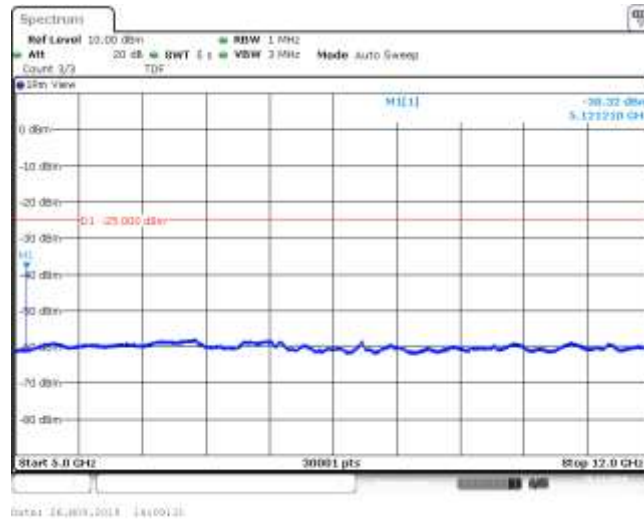
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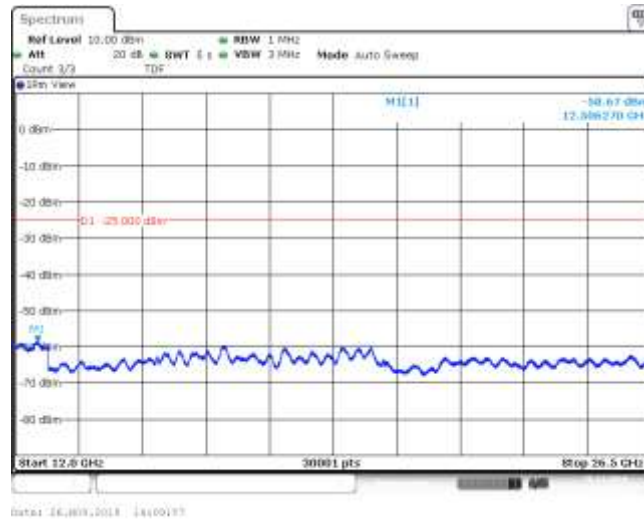
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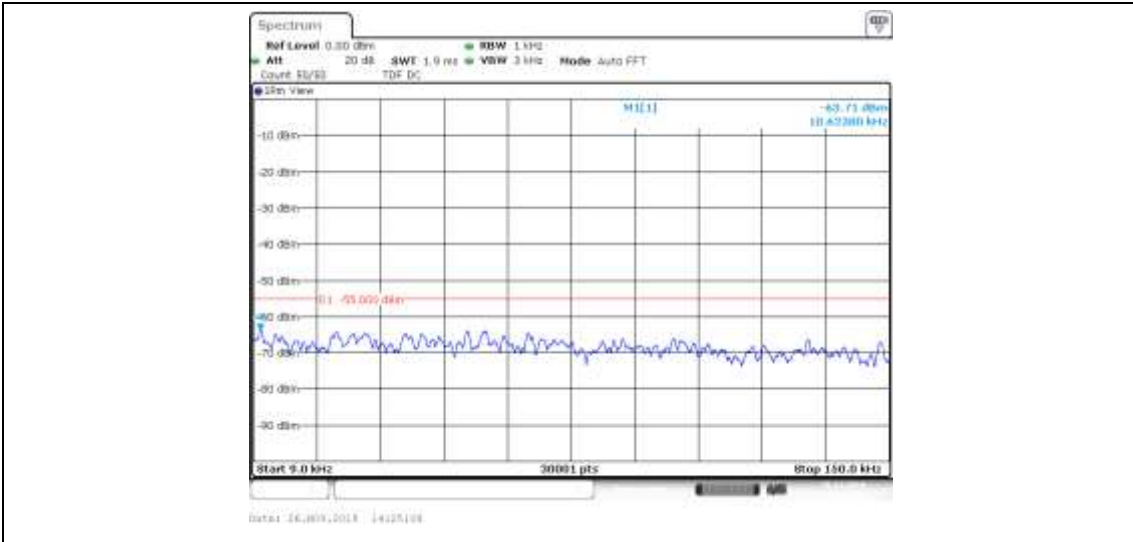
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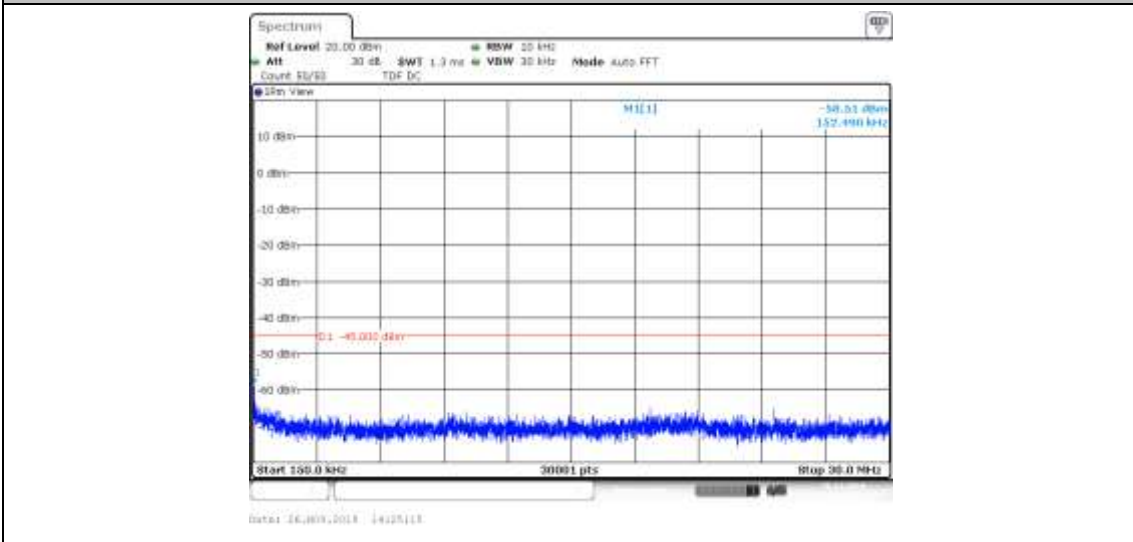
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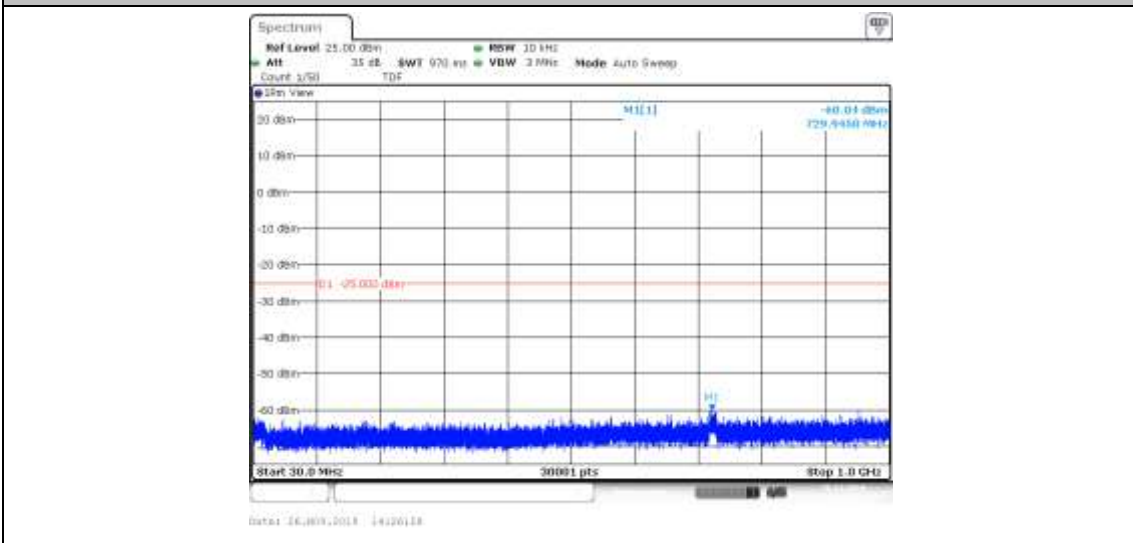
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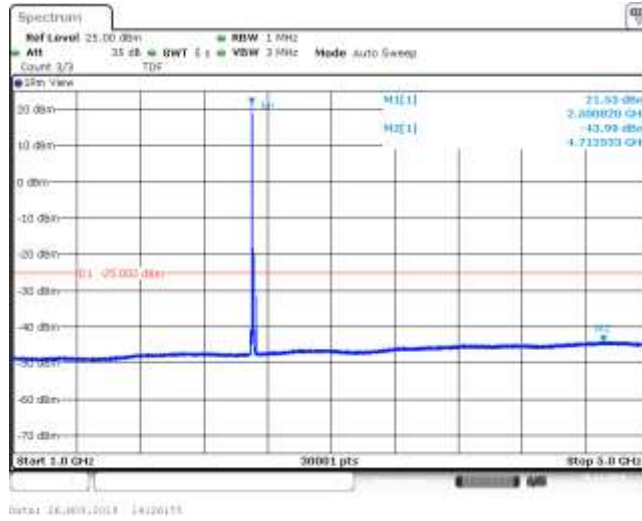
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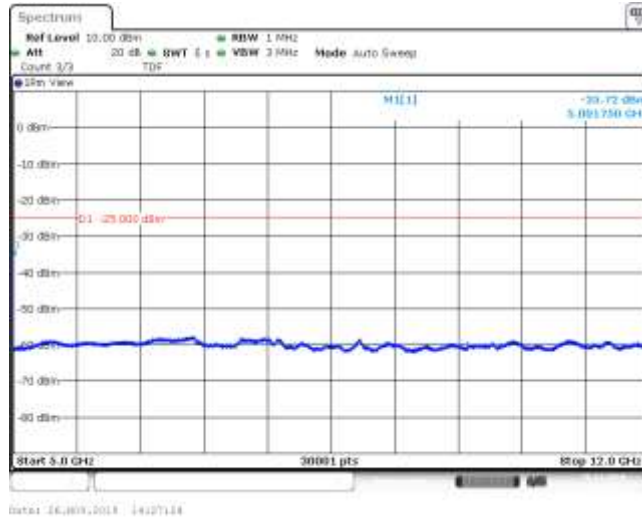
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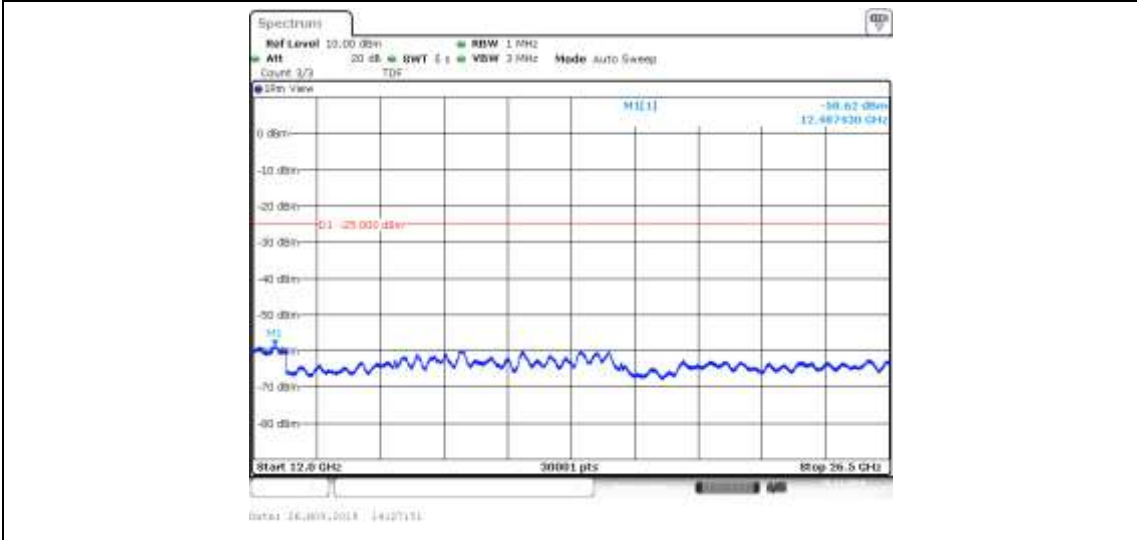
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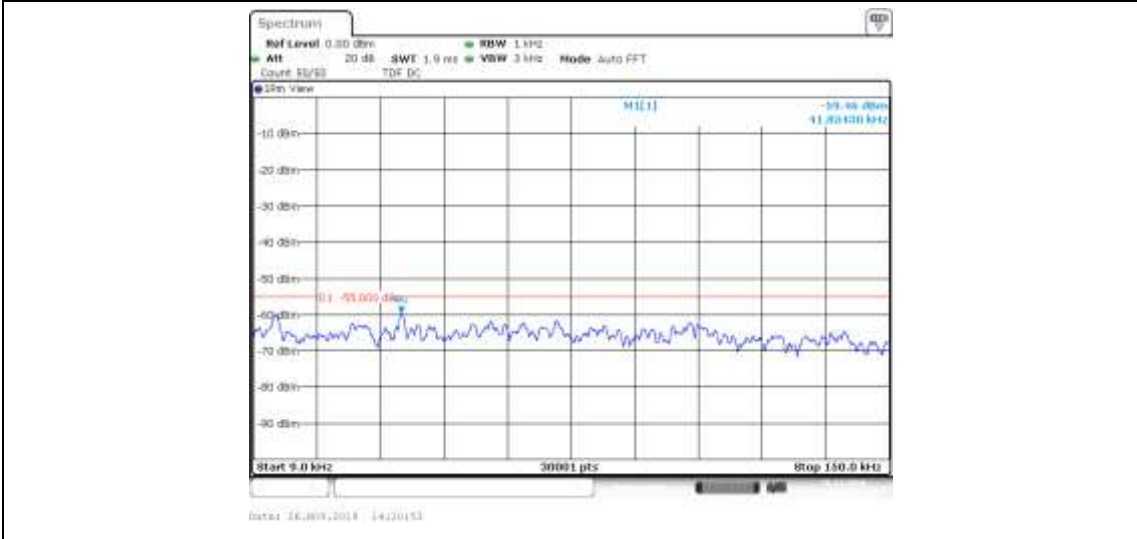
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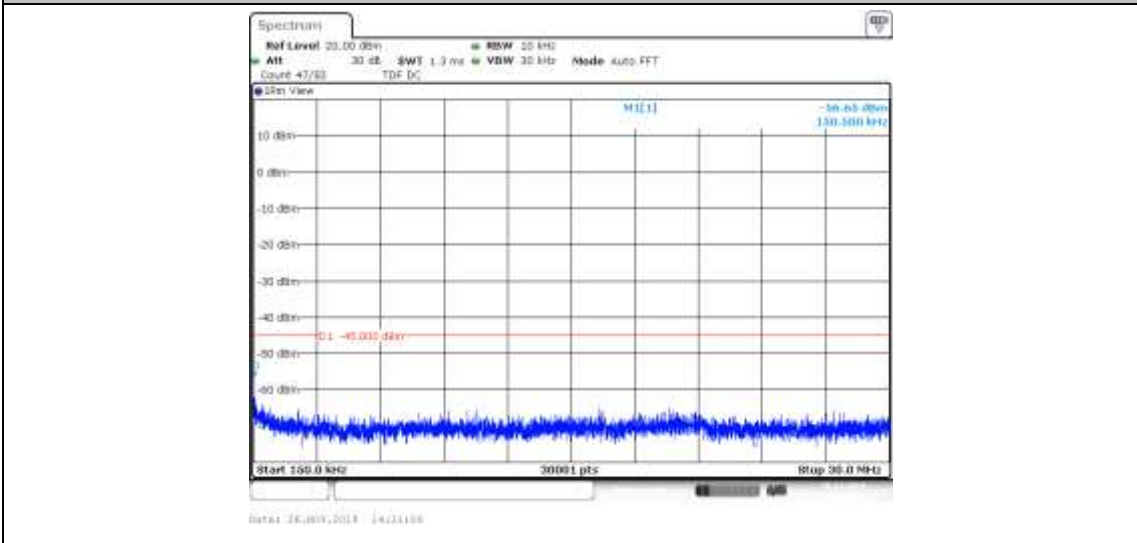
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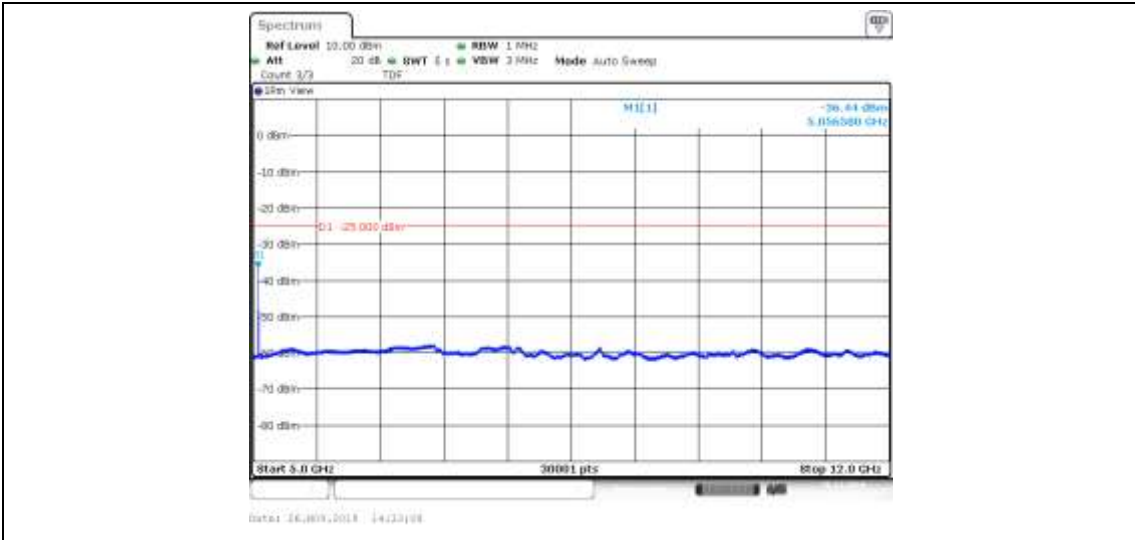


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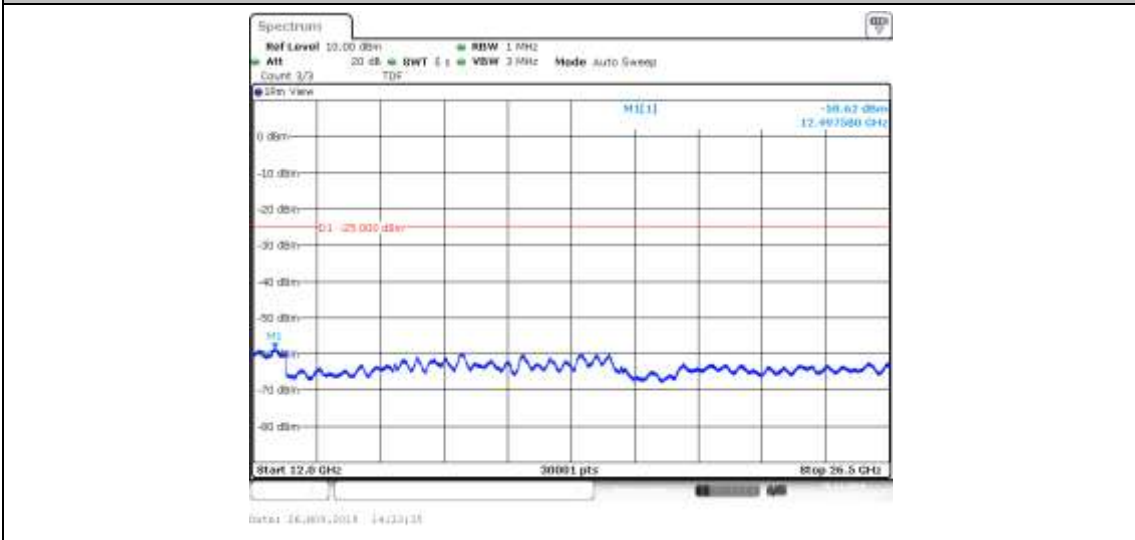


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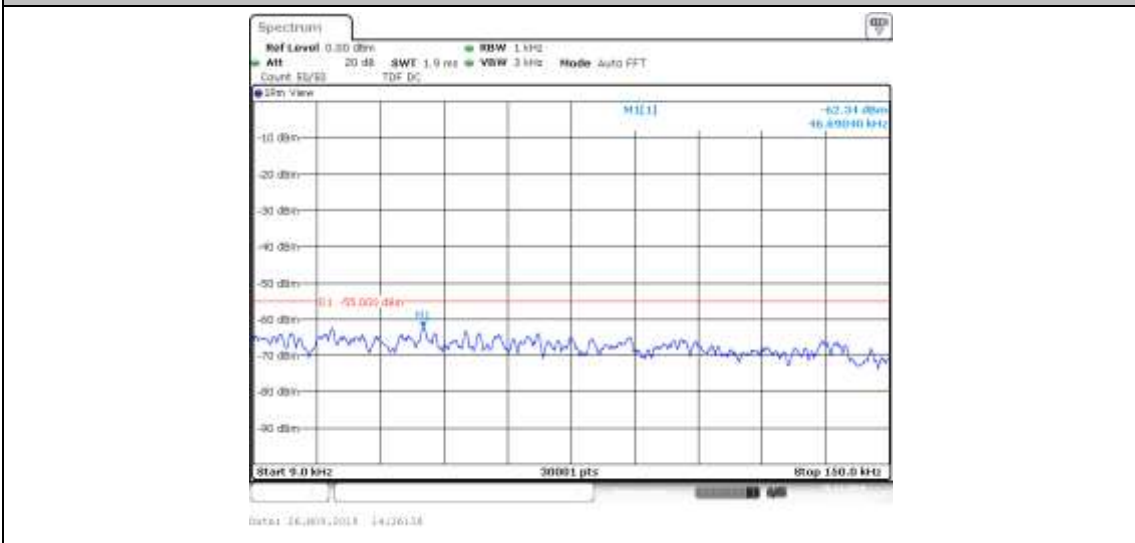




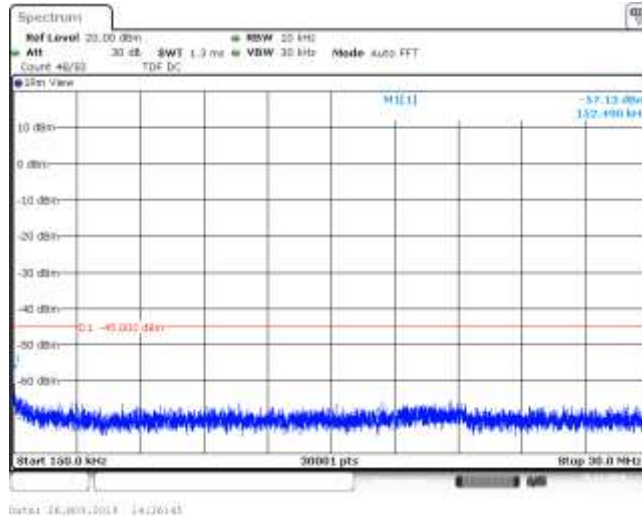
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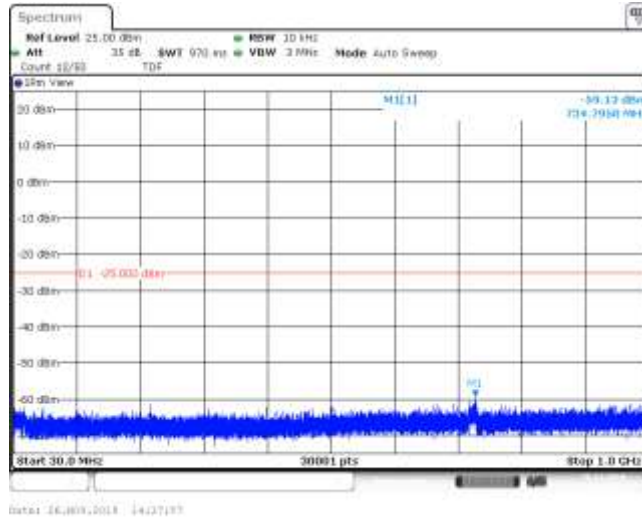
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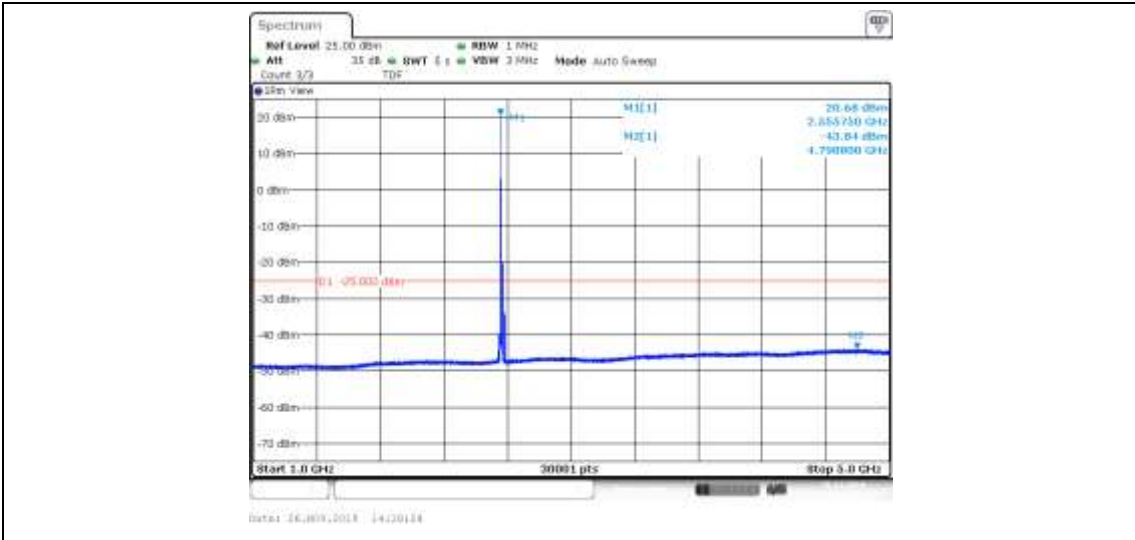
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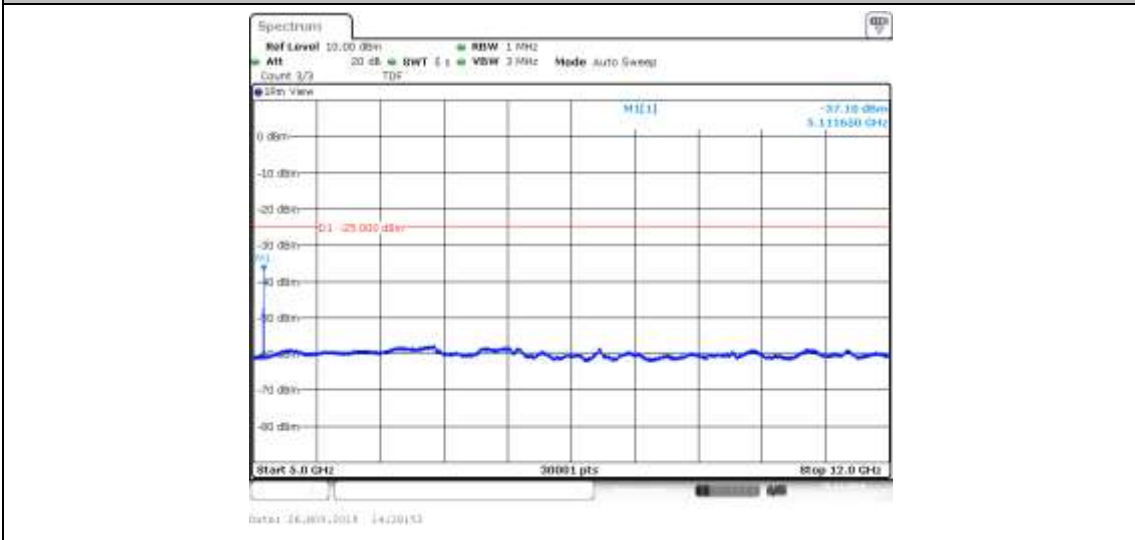
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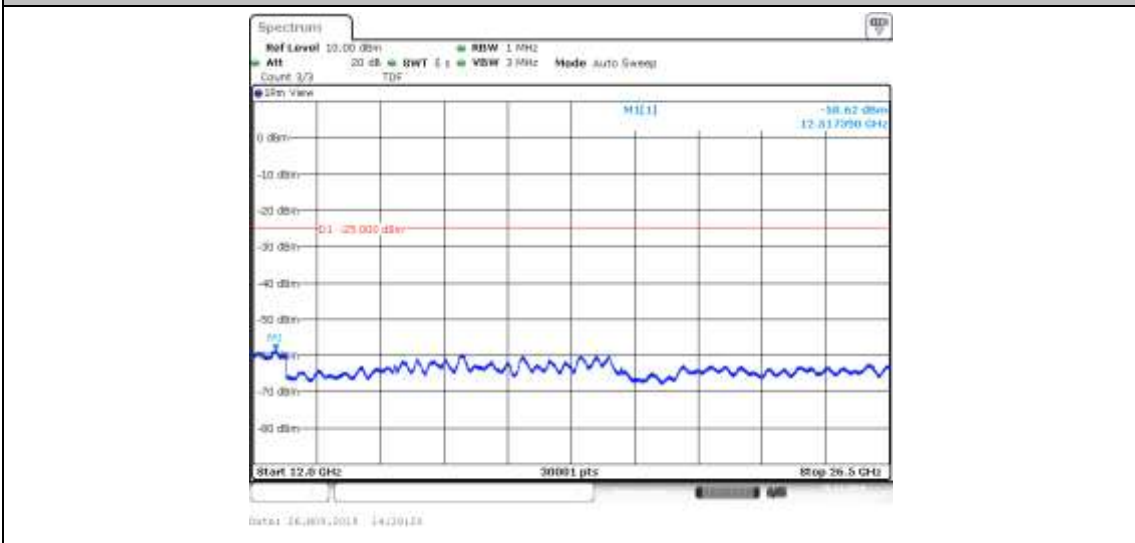
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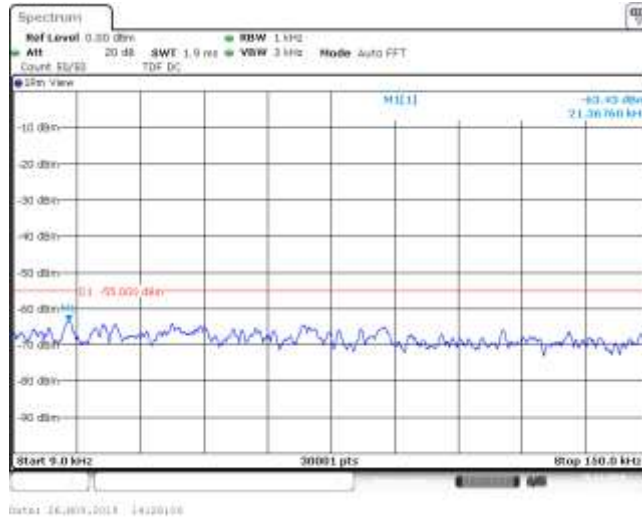
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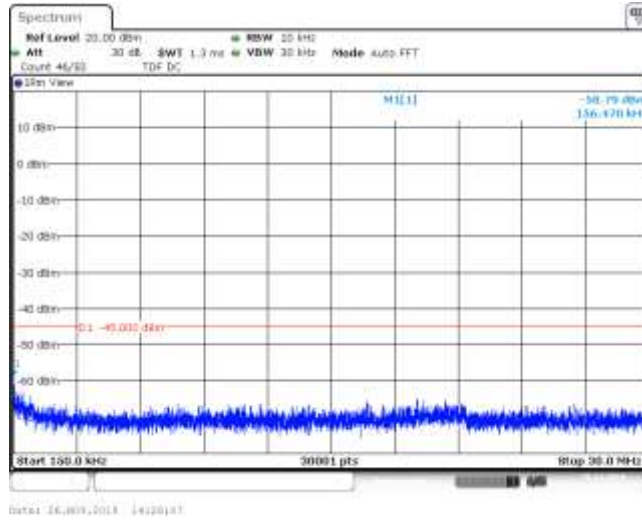
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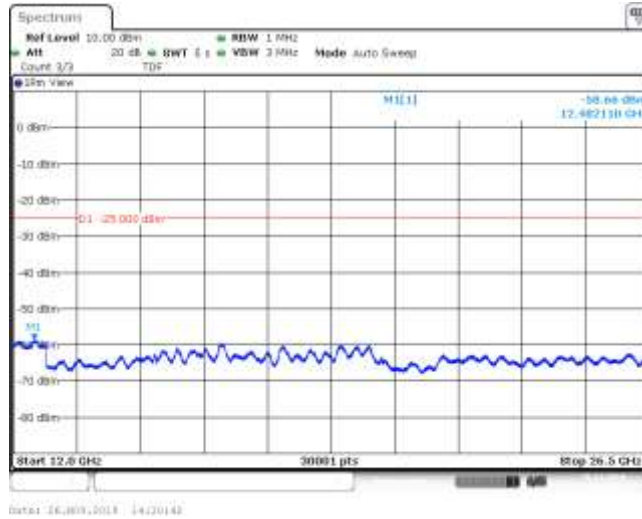


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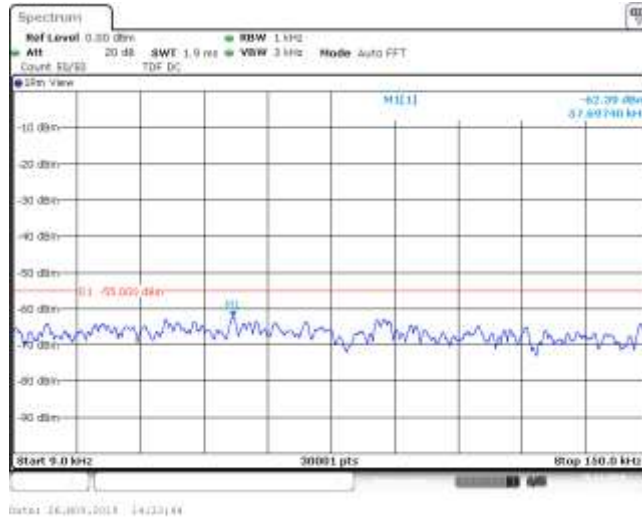


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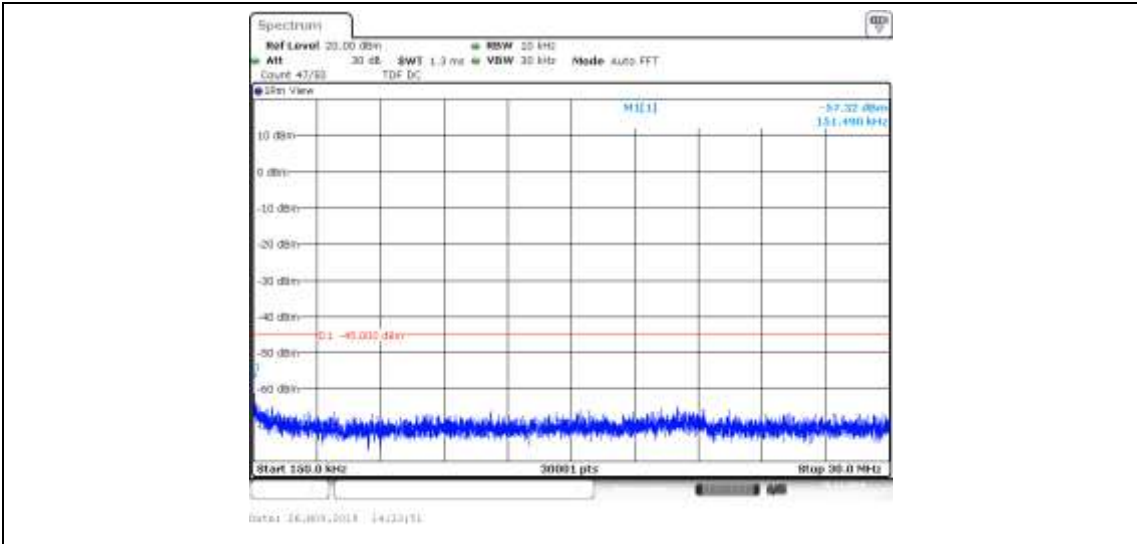
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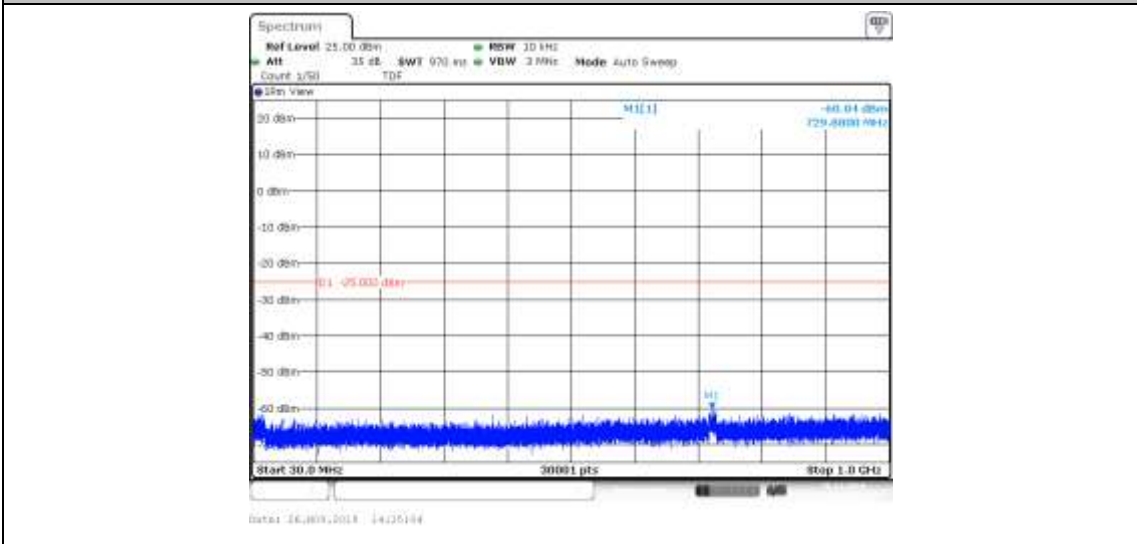
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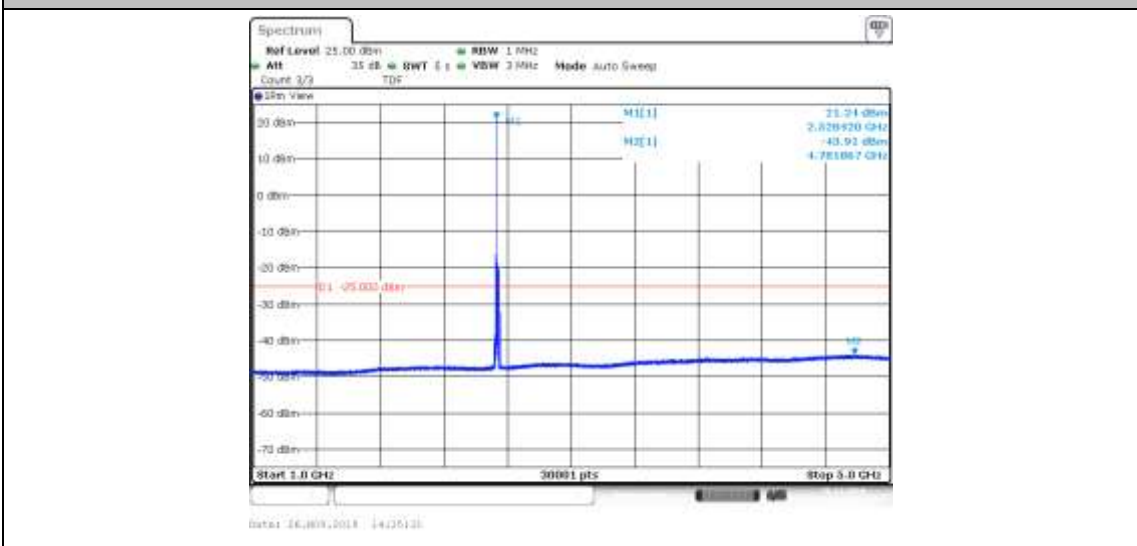
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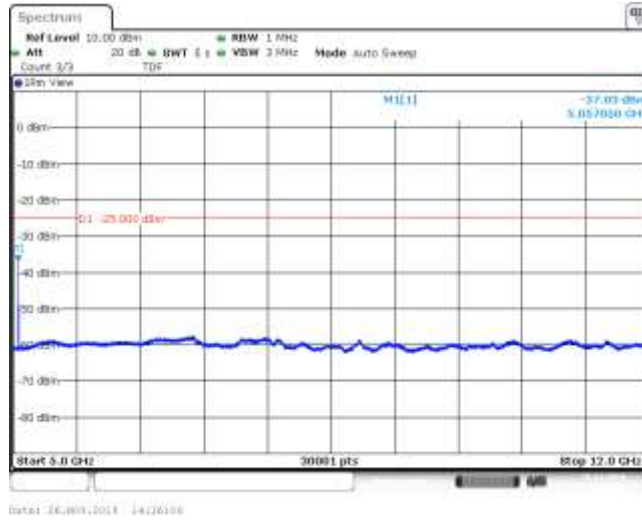
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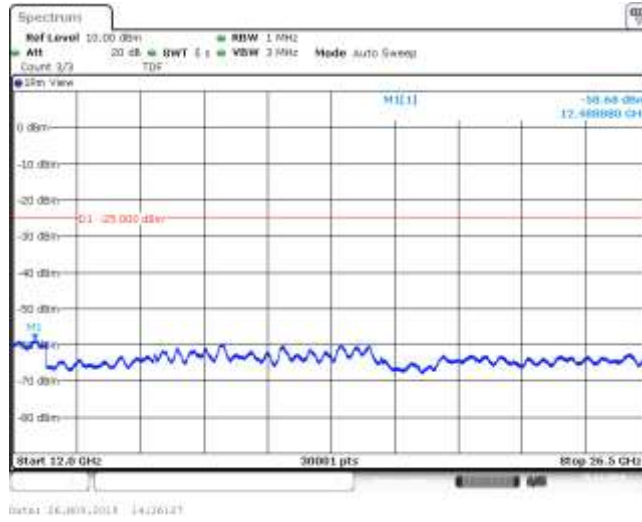
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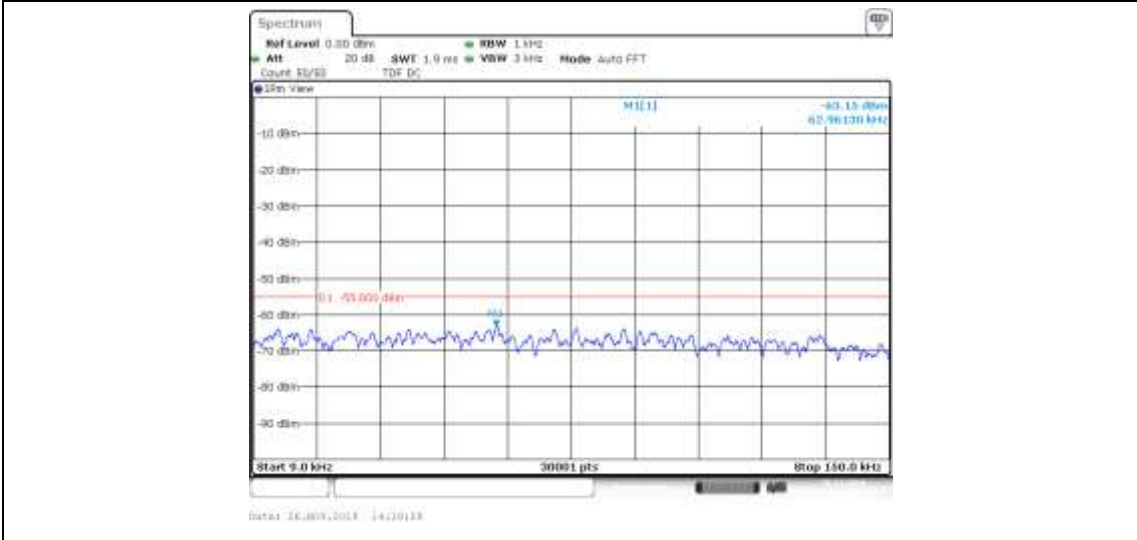
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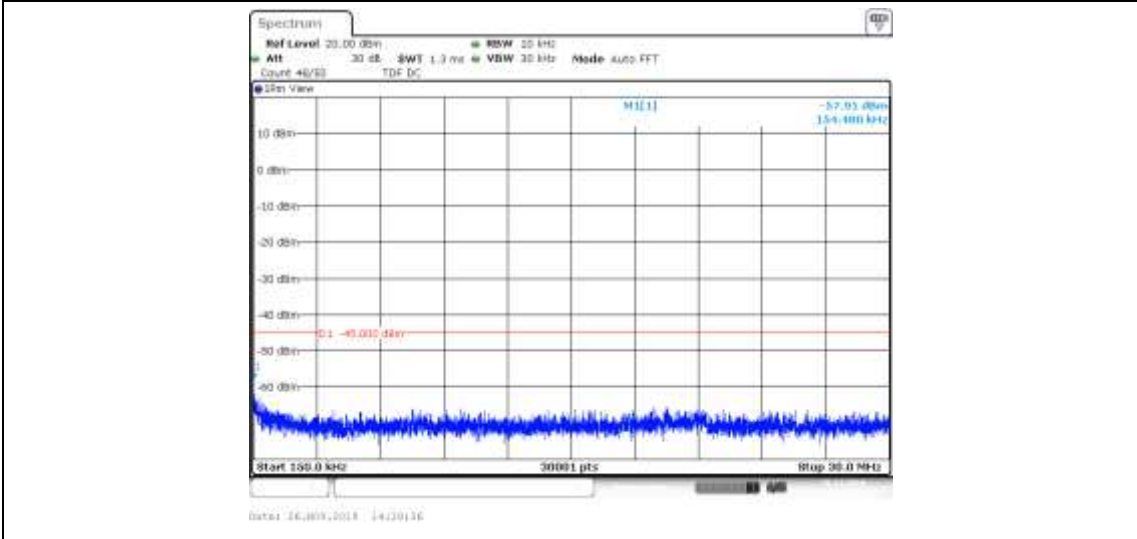
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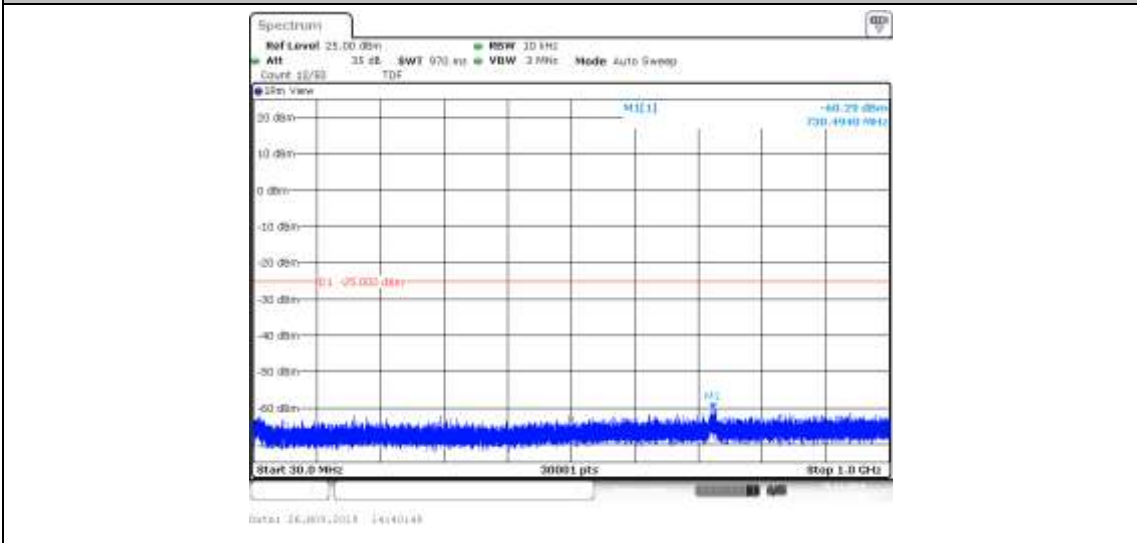
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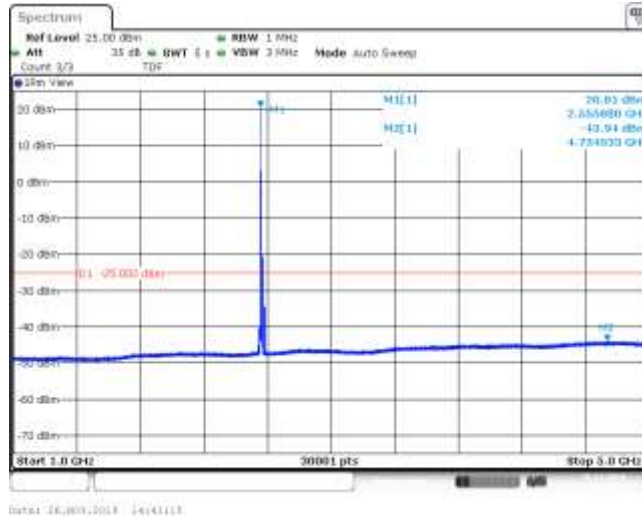


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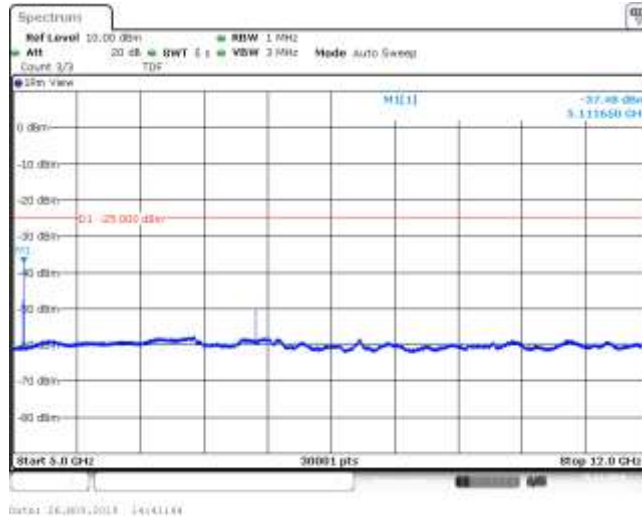


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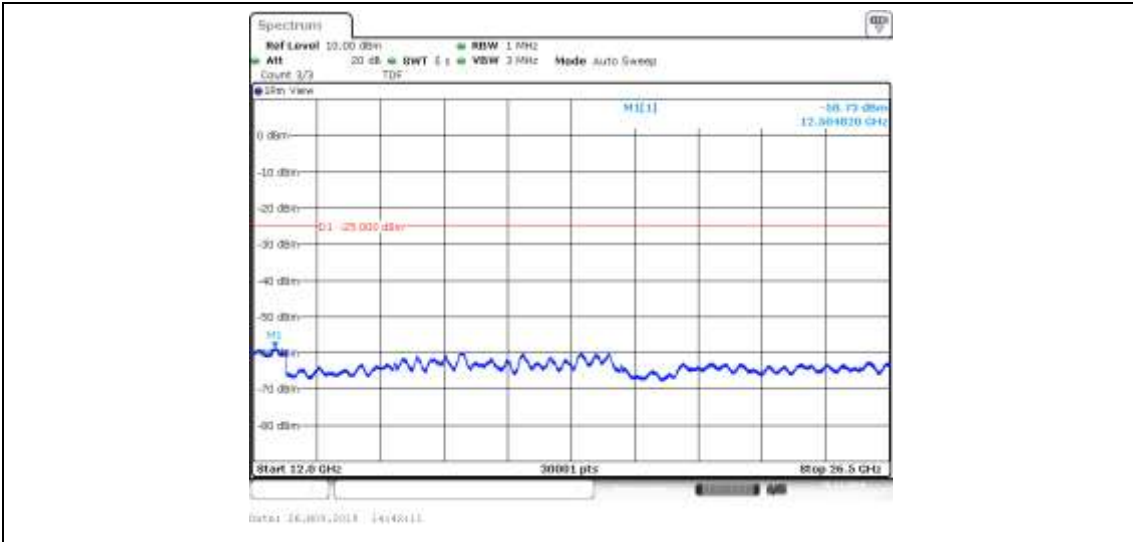
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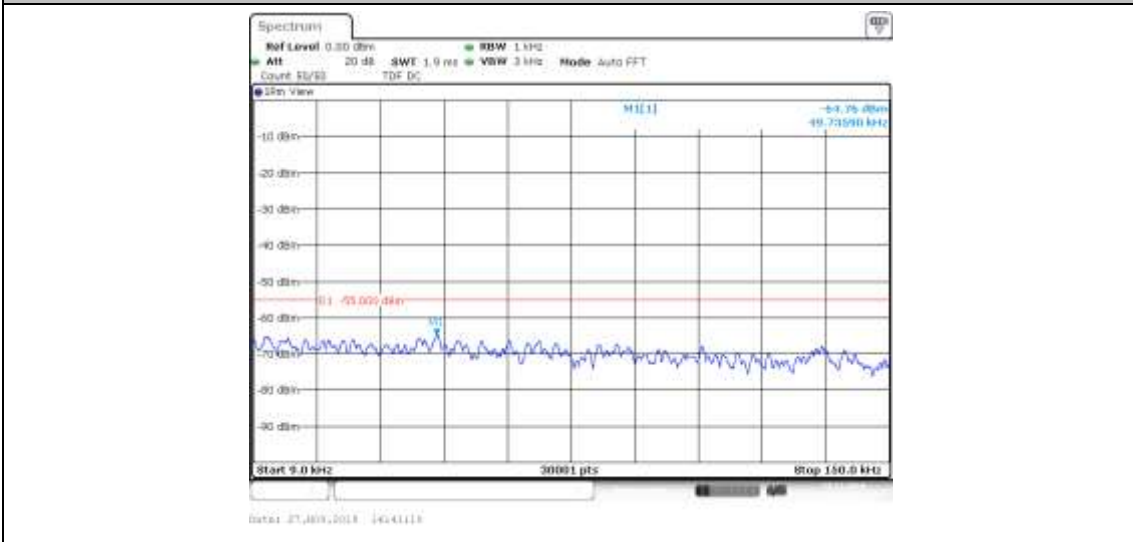
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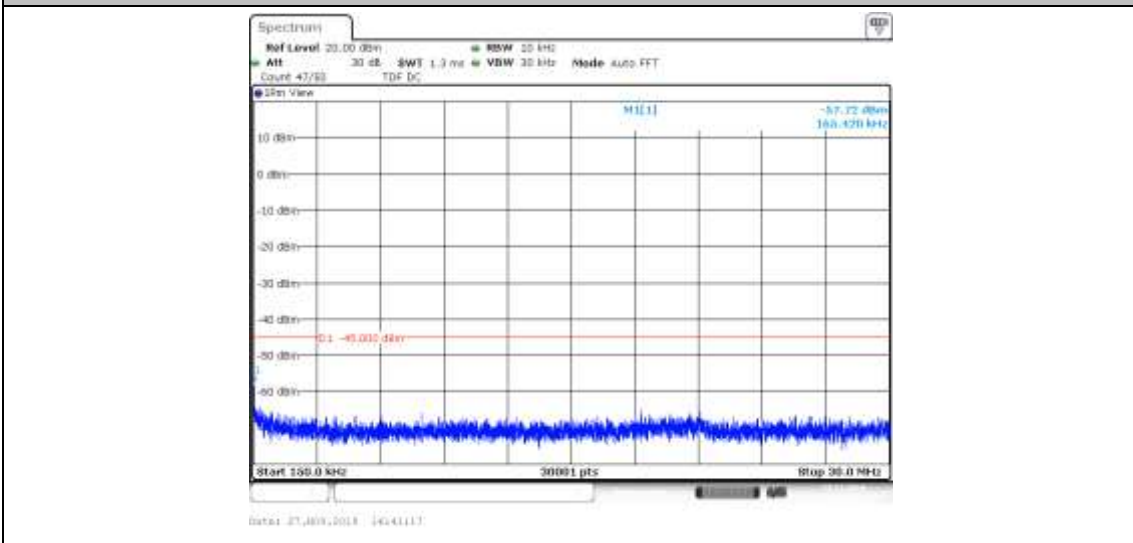
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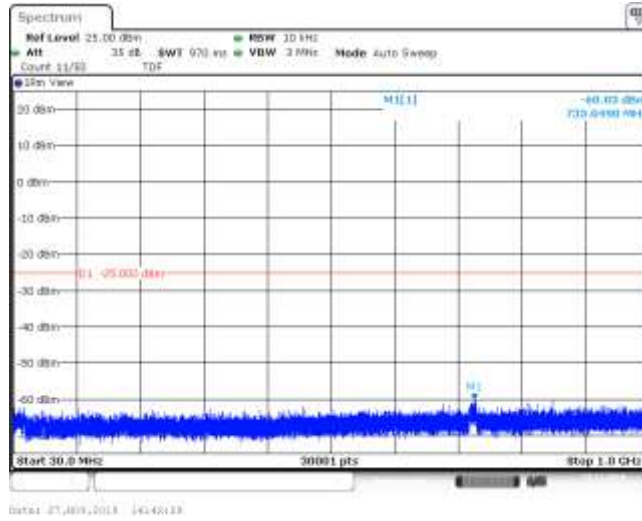
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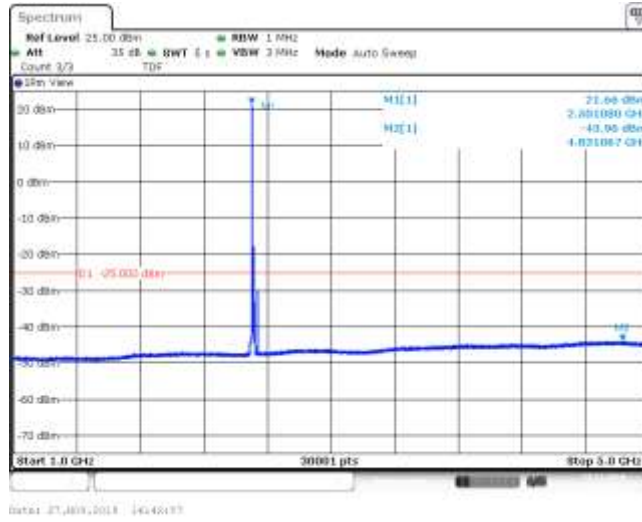
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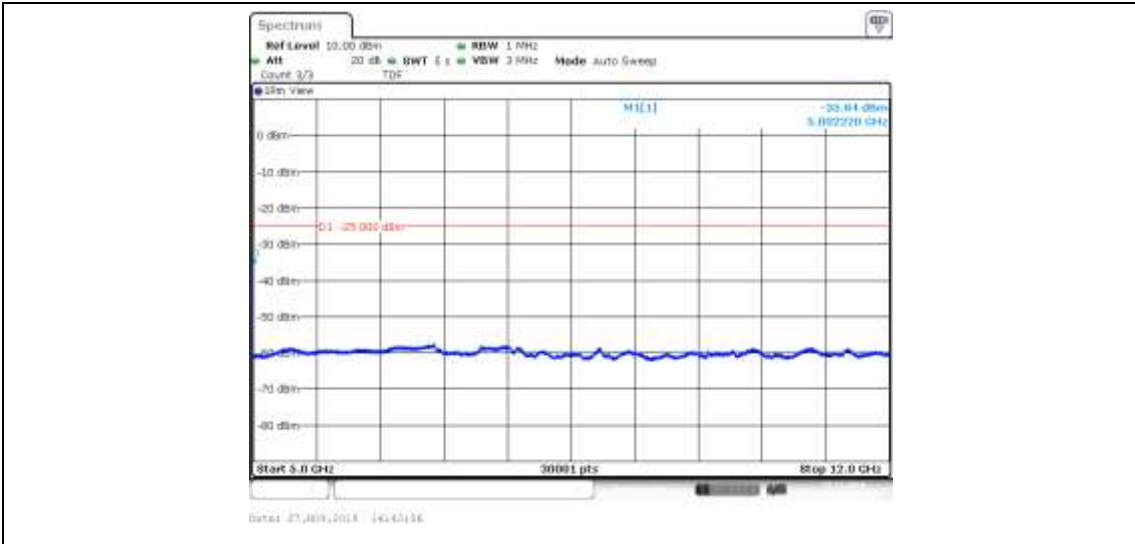
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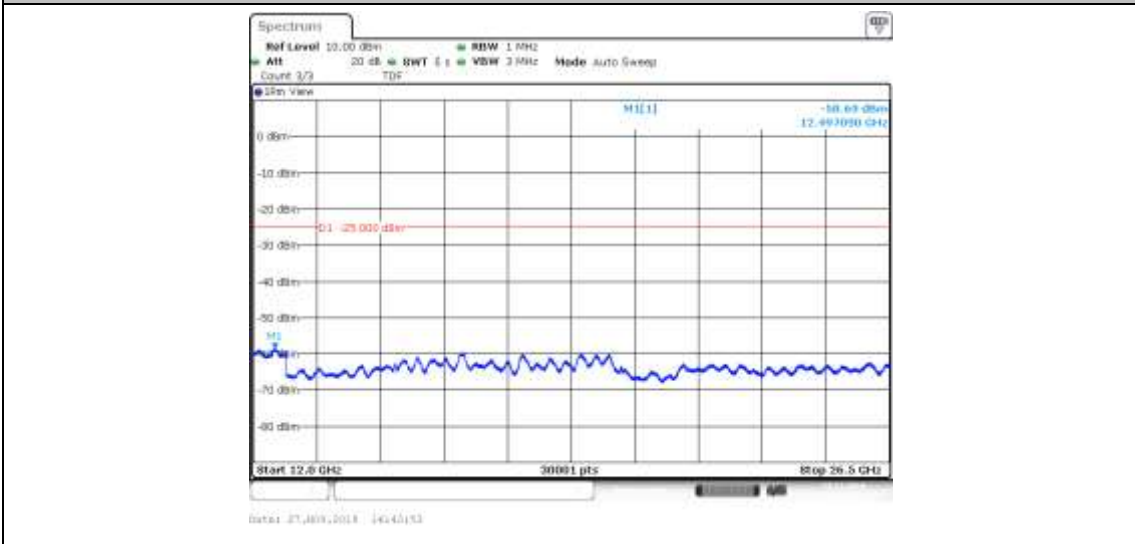
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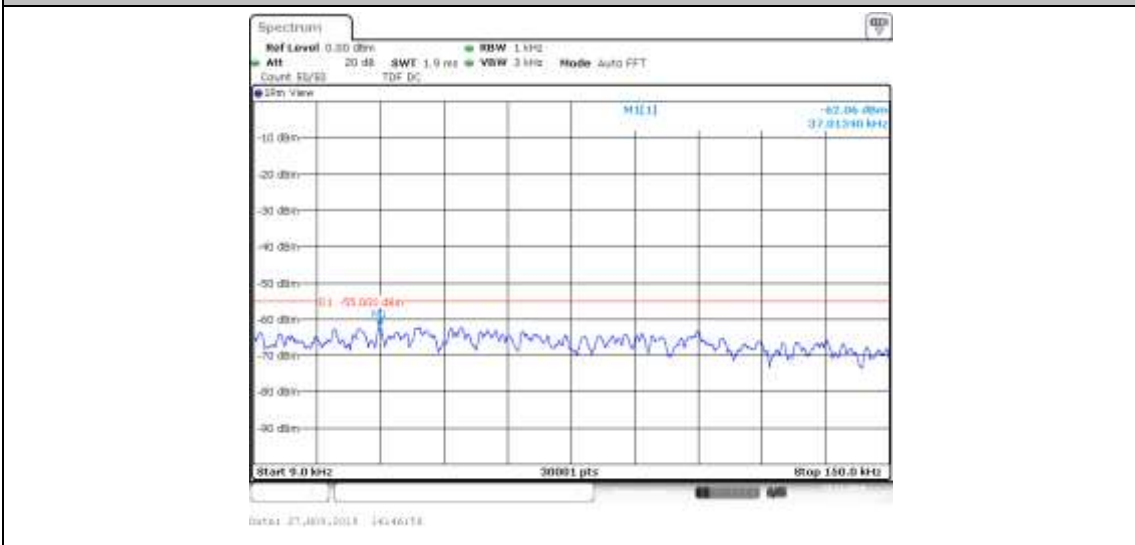
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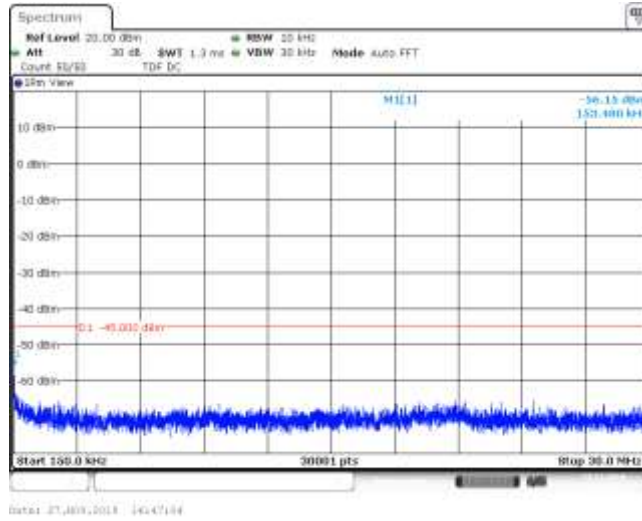
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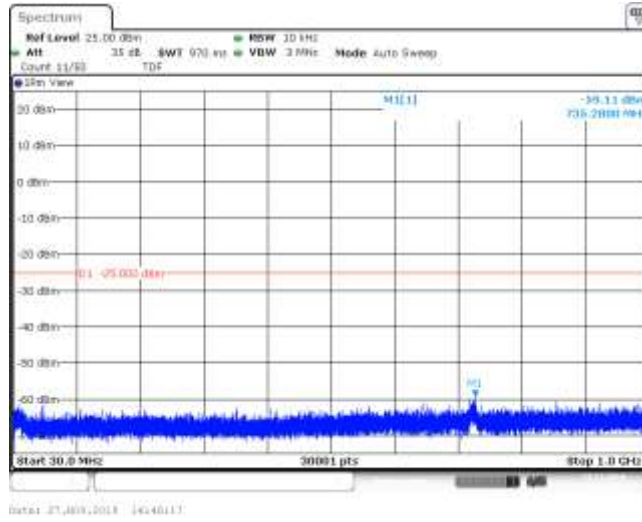
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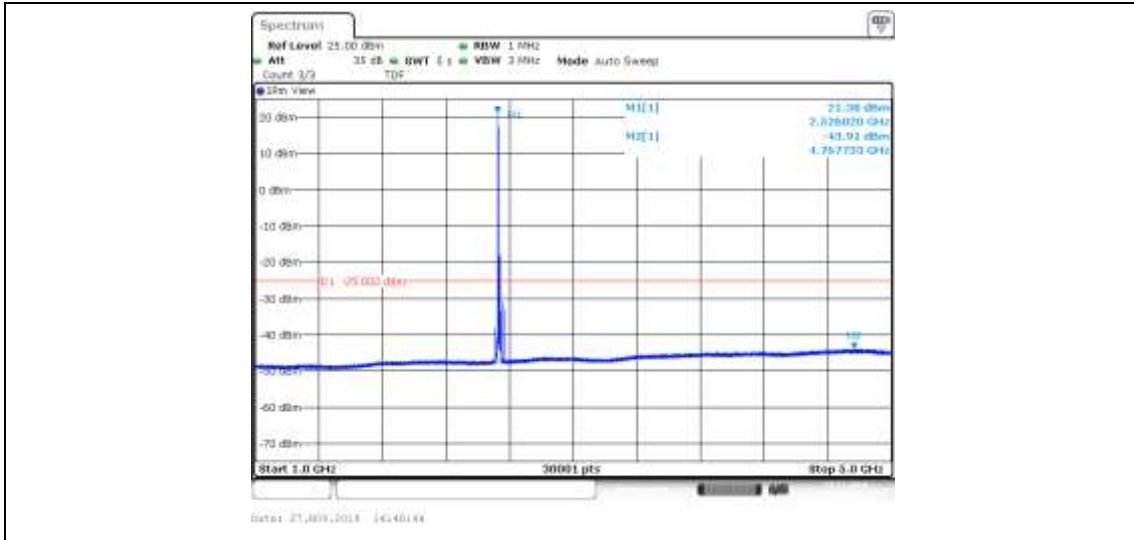
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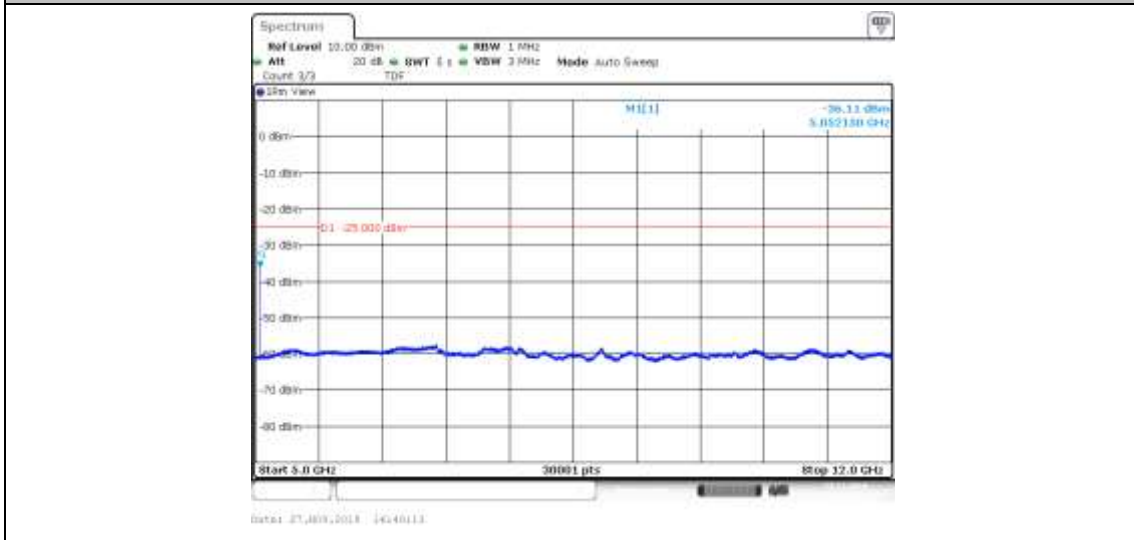
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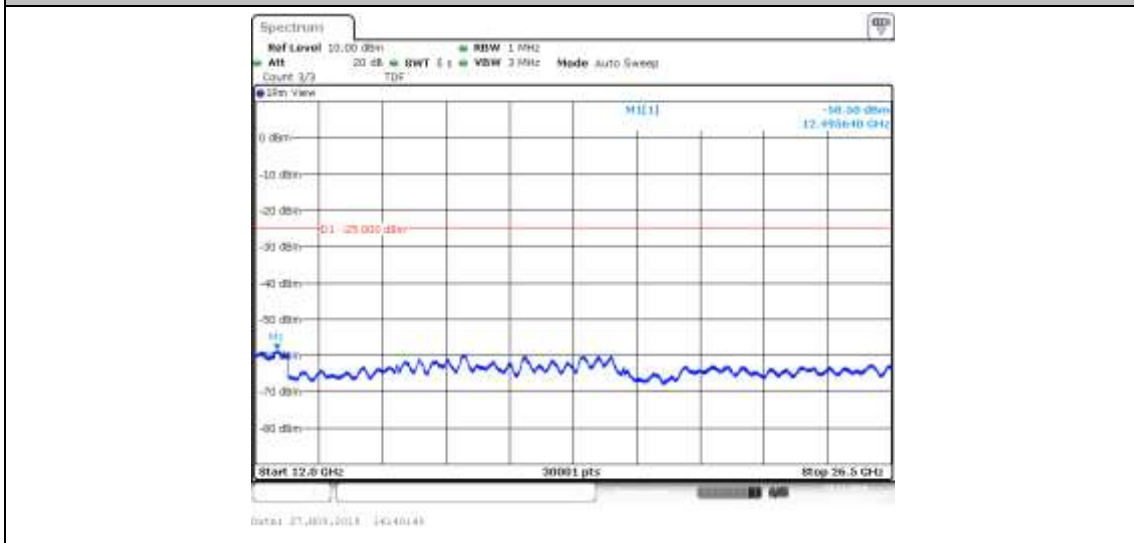
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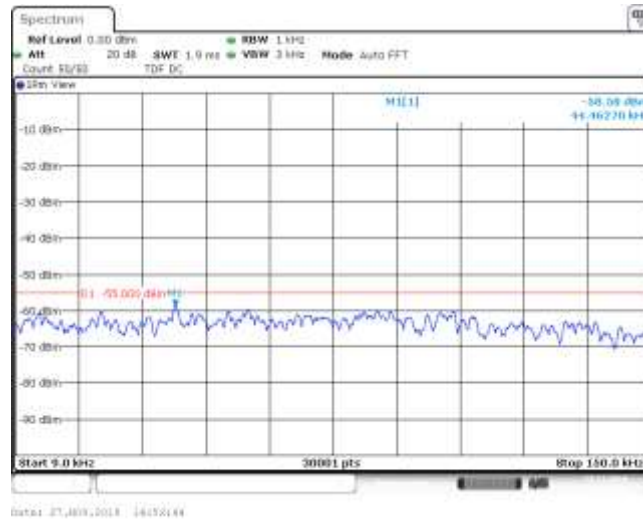
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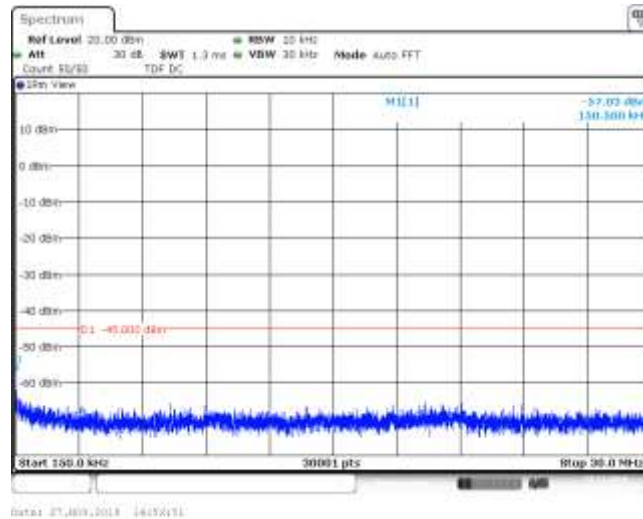
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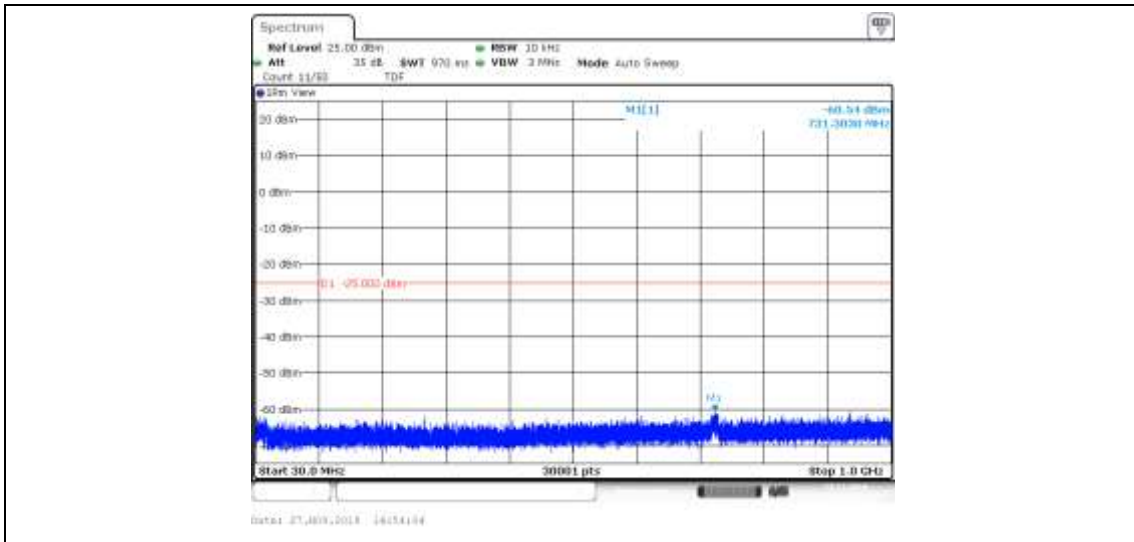
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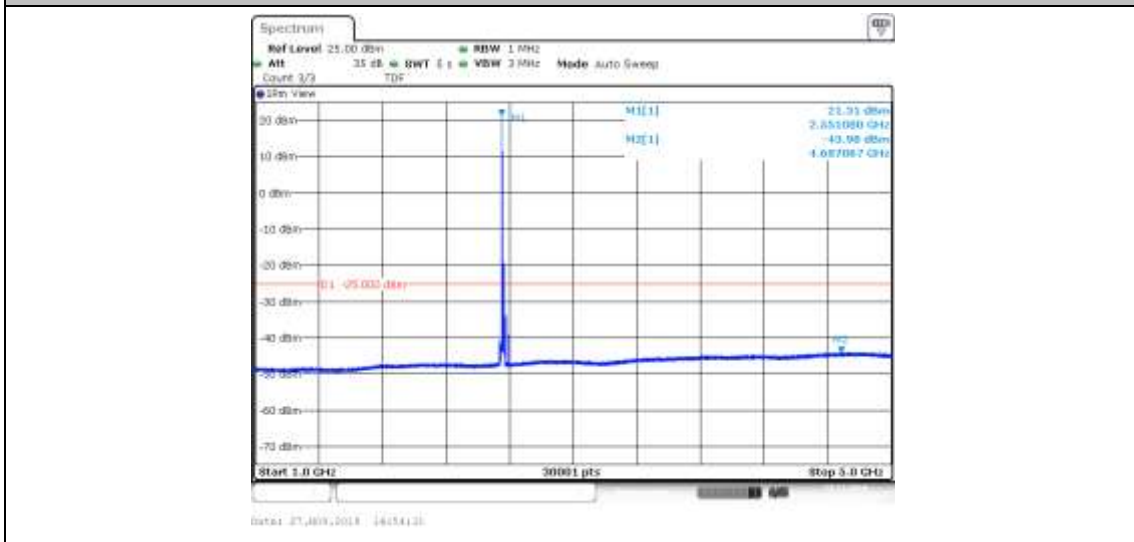
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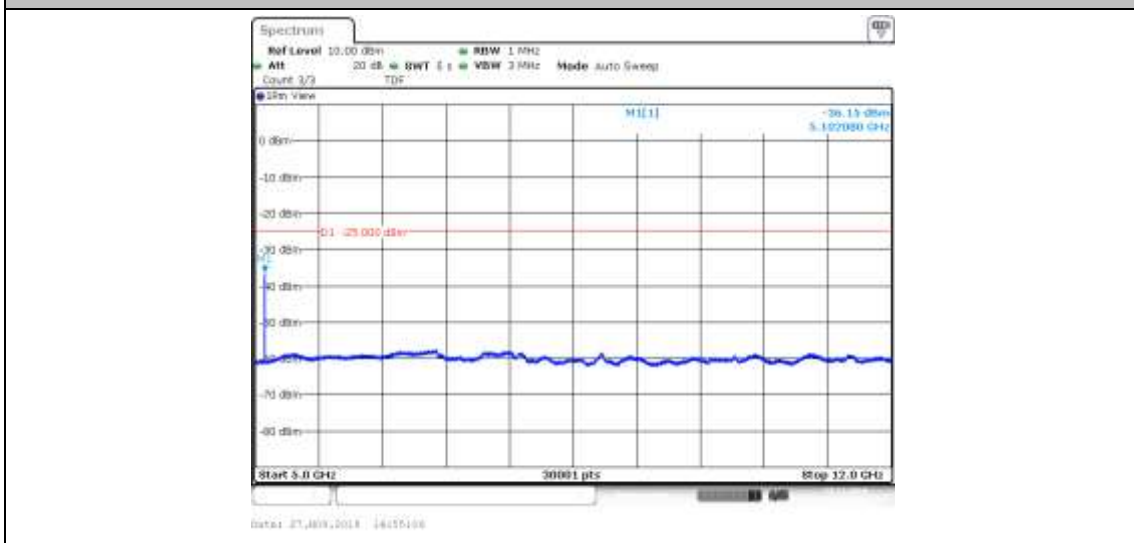
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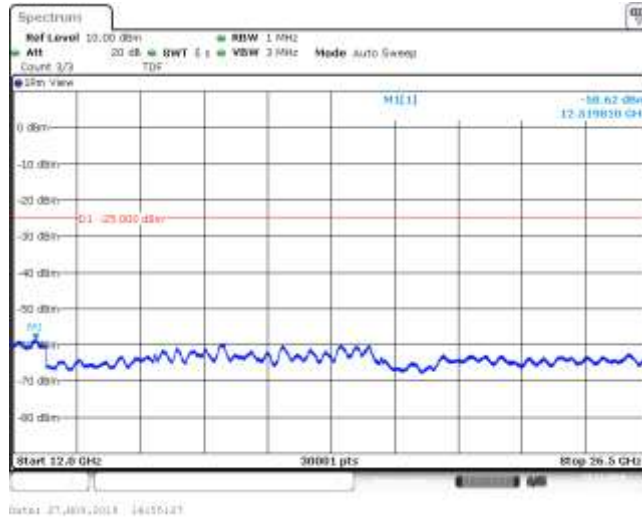
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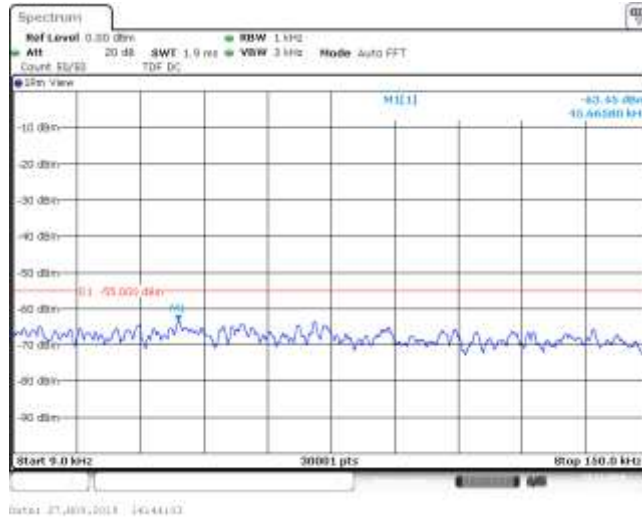
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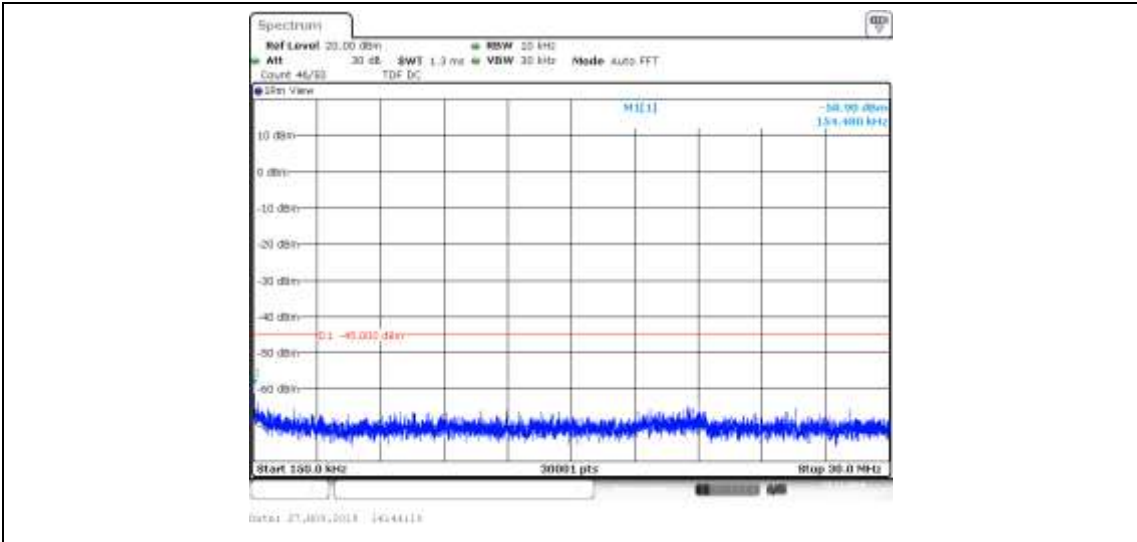
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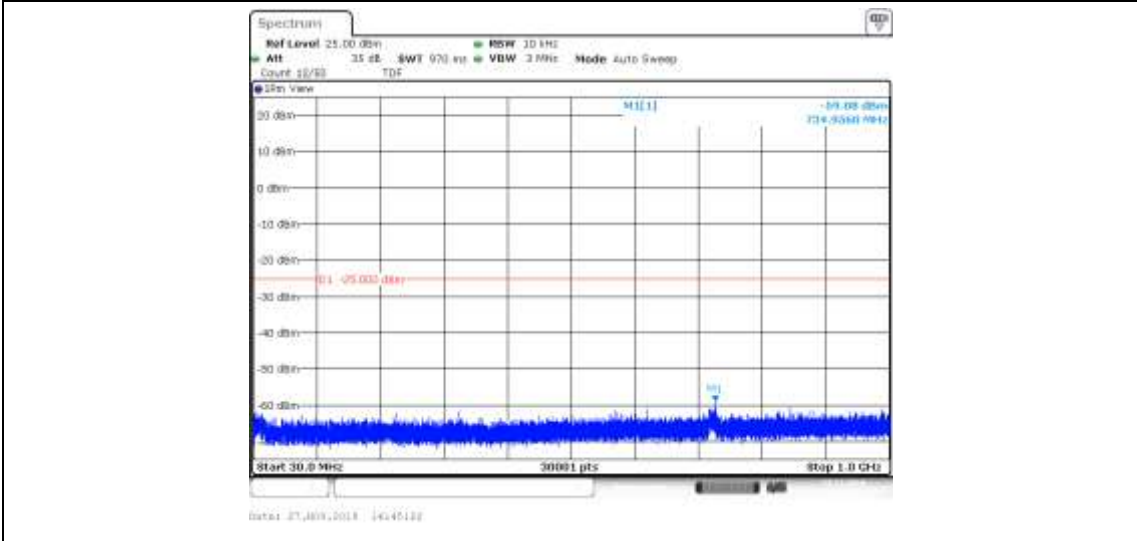
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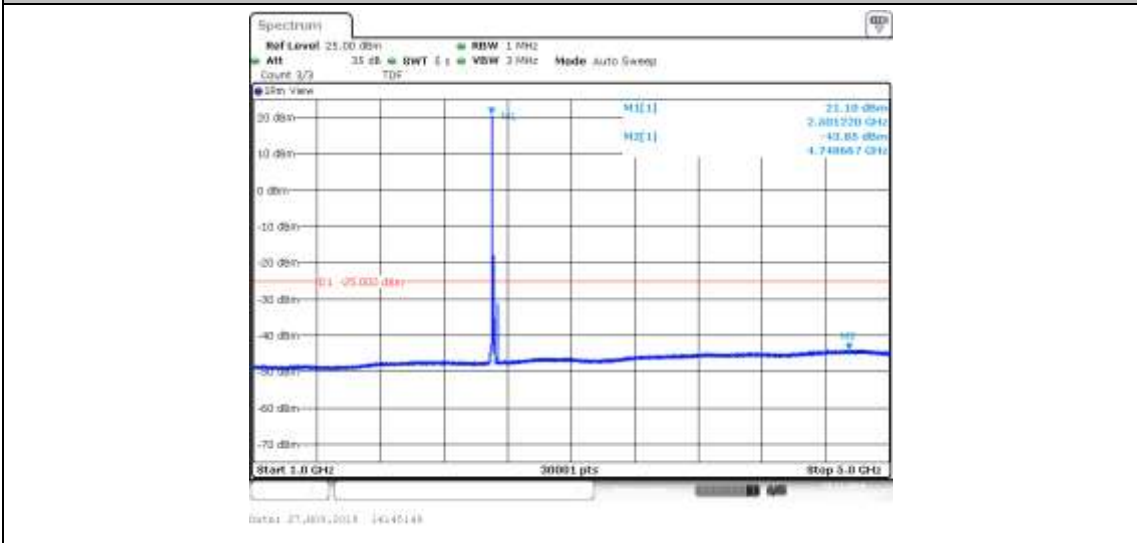
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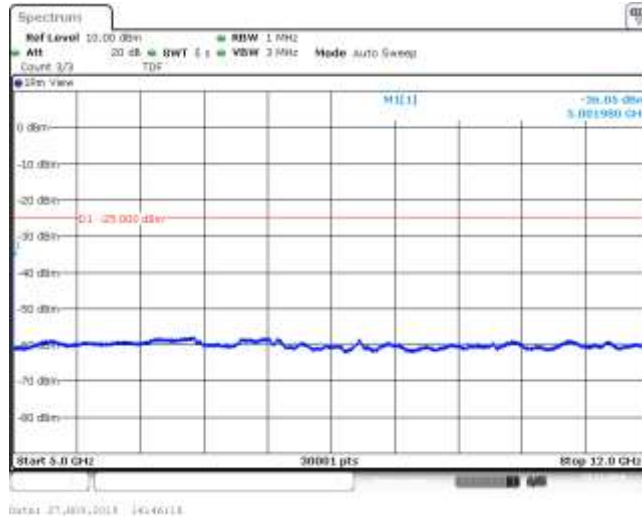
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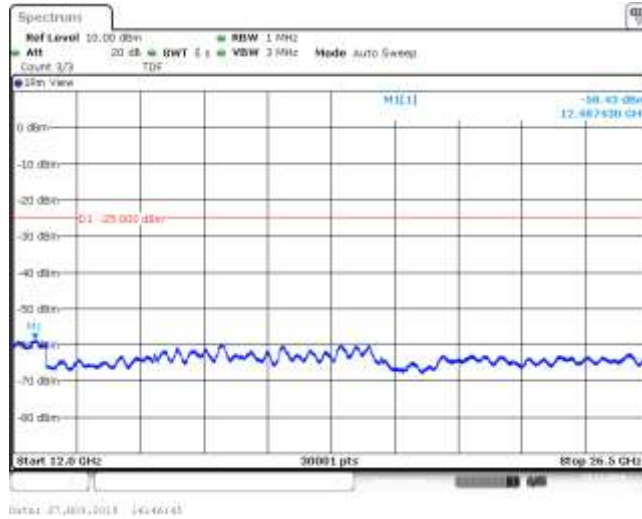
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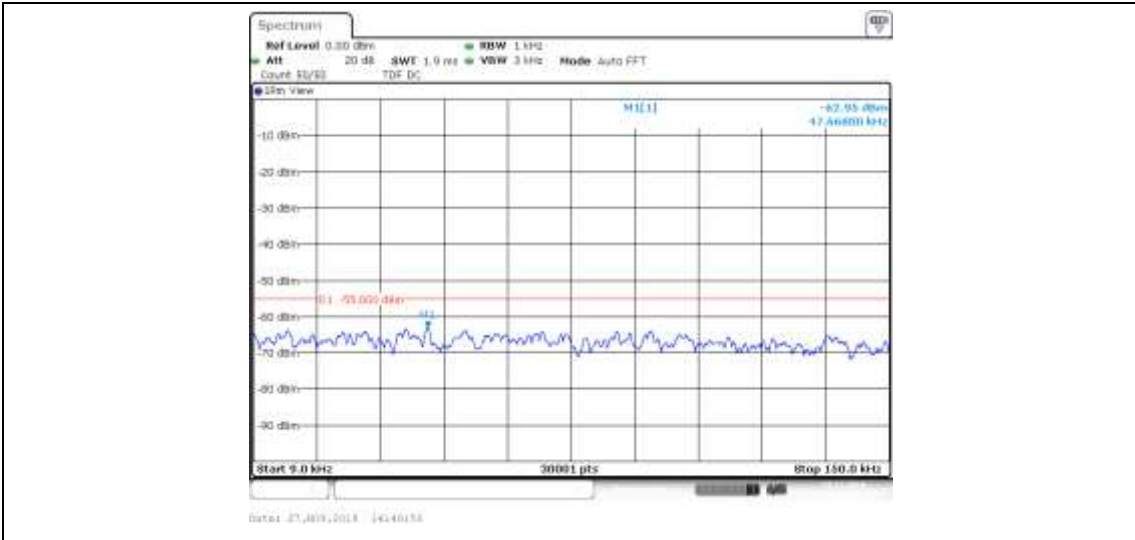
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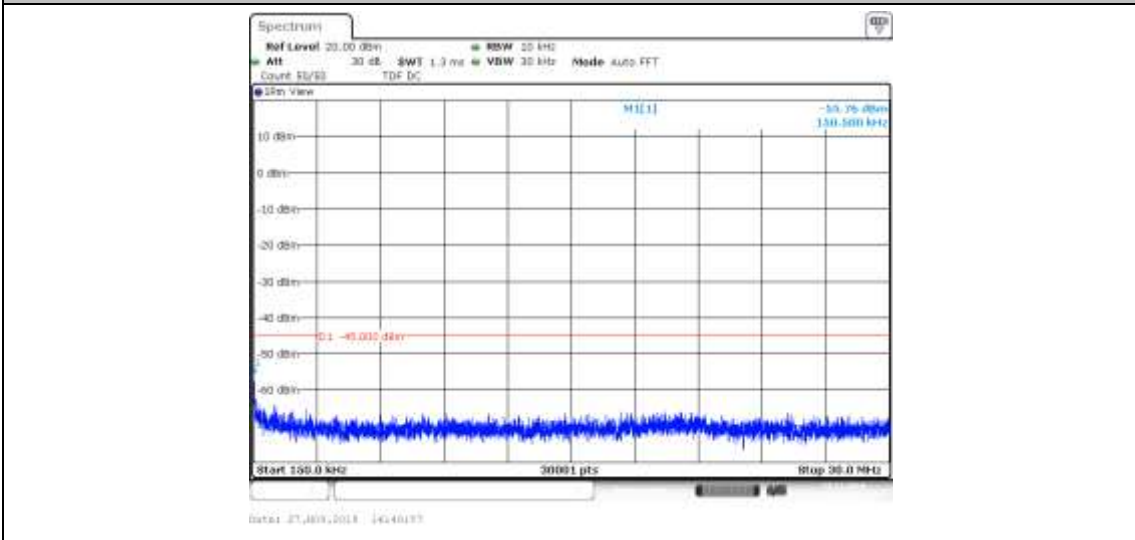
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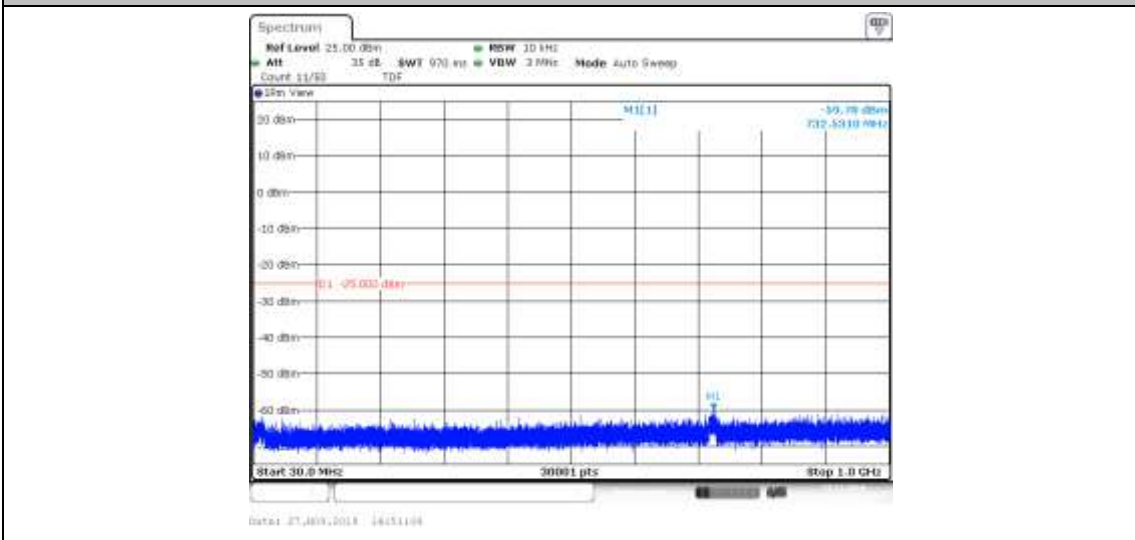
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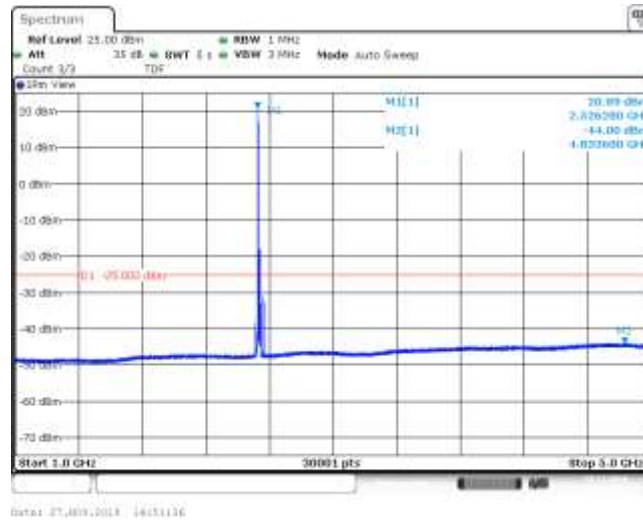
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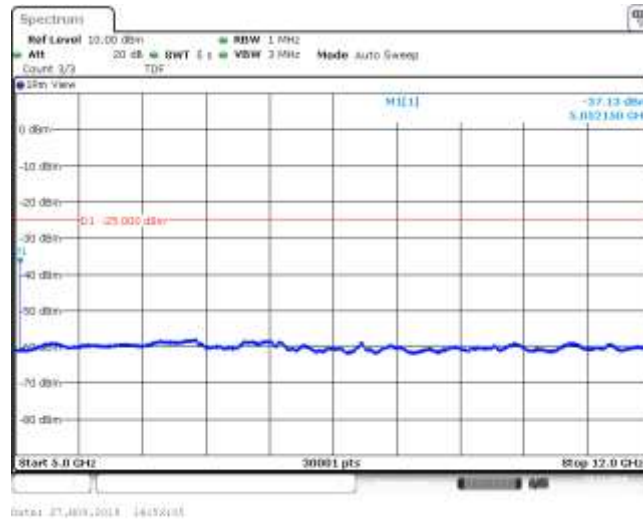
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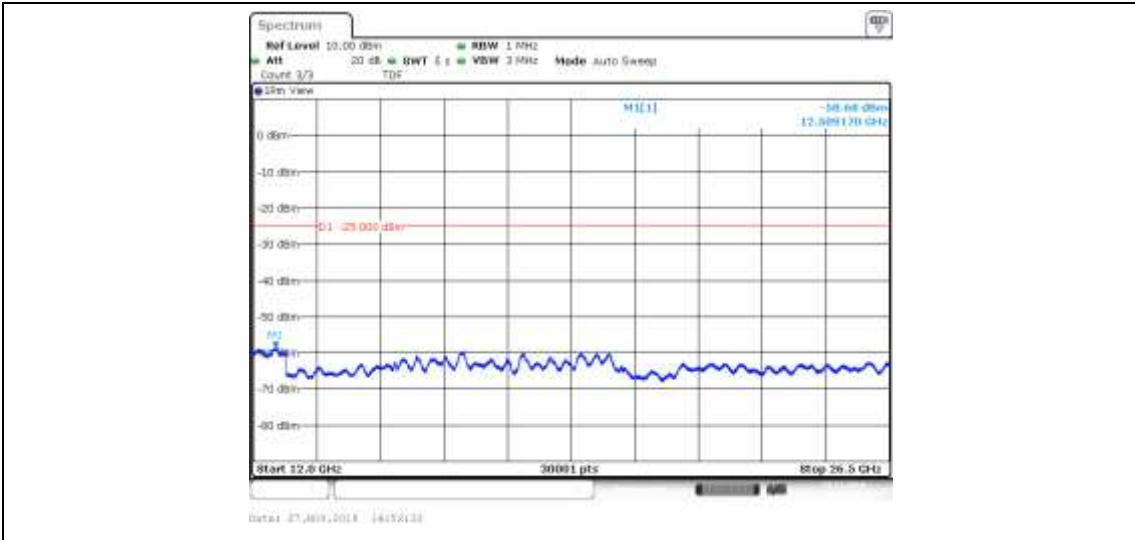
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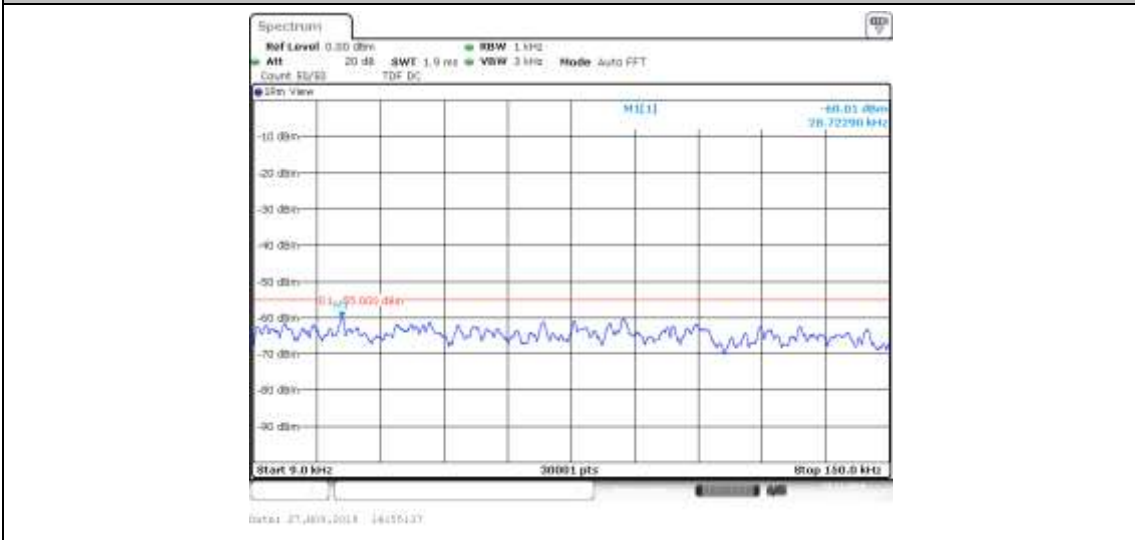
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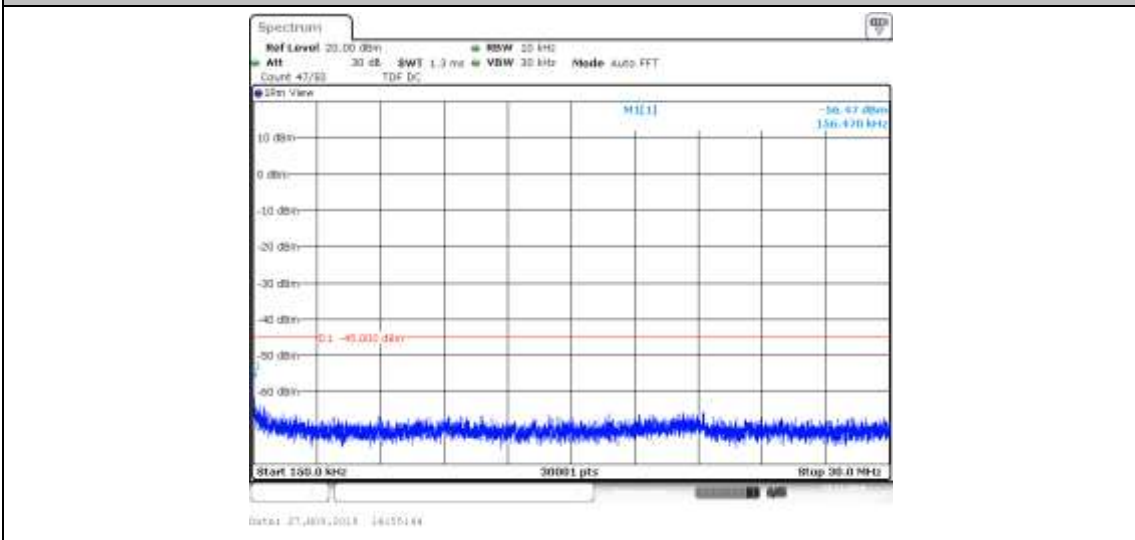
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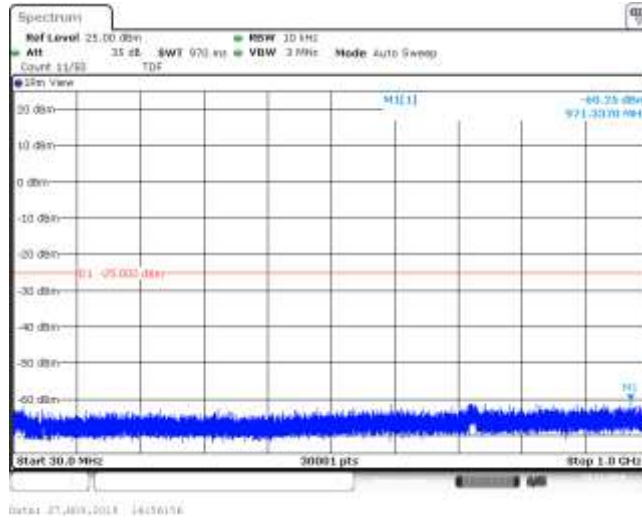
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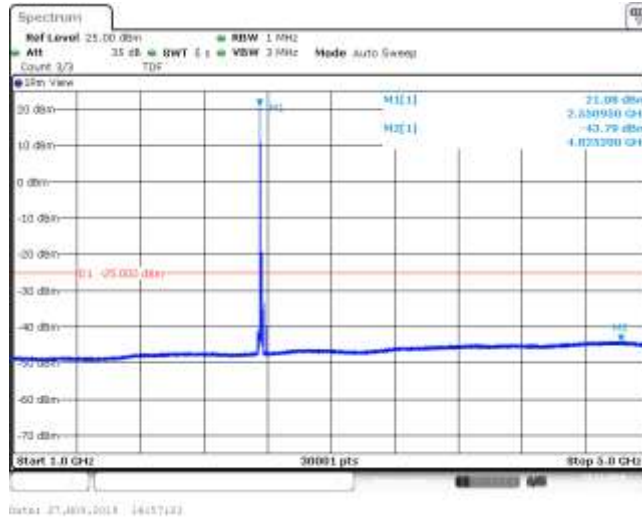
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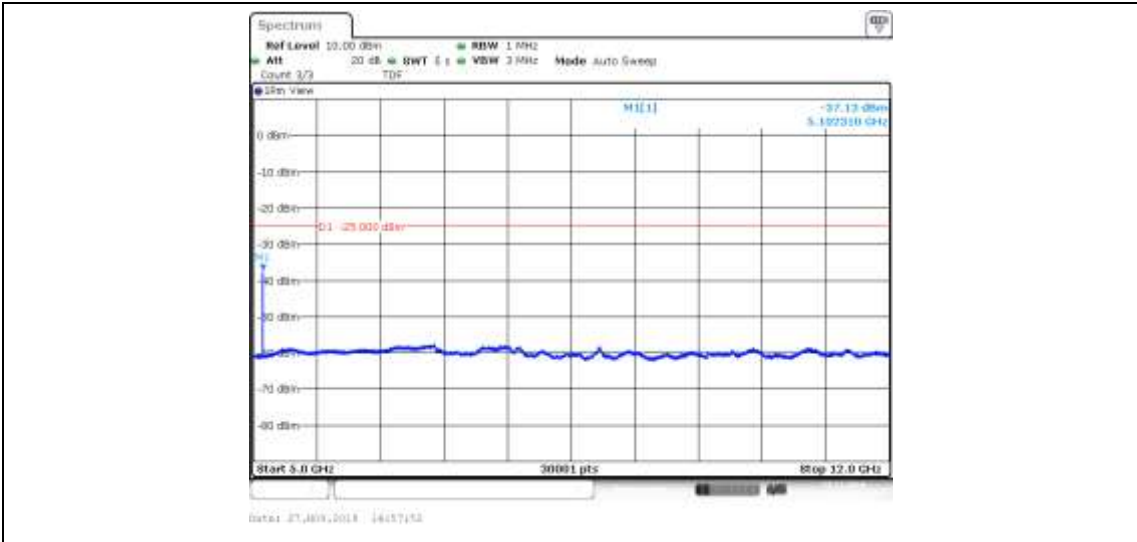
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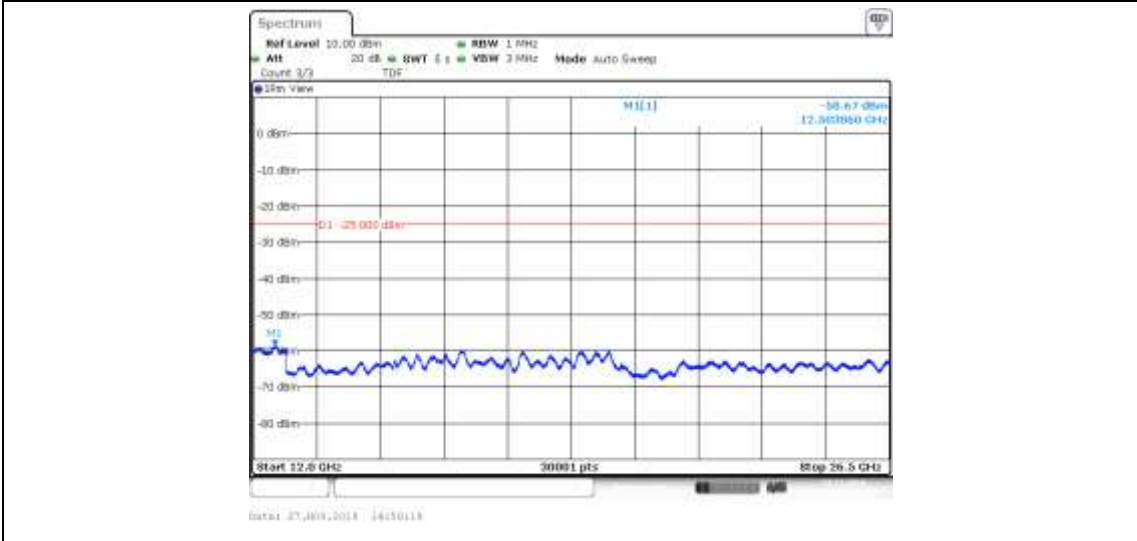
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Band7_20MHz_16QAM_21350_1RB#0



Band7_20MHz_16QAM_21350_1RB#0



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	-7.65	-0.003018	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	12.15	0.004793	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-9.20	-0.003629	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-12.43	-0.004903	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	-14.59	-0.005755	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-9.96	-0.003929	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-8.41	-0.003318	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	-8.68	-0.003424	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	9.20	0.003629	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	11.66	0.004600	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-10.89	-0.004296	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	10.53	0.004154	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-26.65	-0.010513	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-10.19	-0.004020	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	14.93	0.005890	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-26.87	-0.010600	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-8.64	-0.003408	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-10.13	-0.003996	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-14.82	-0.005846	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-10.26	-0.004047	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	37.91	0.014955	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	40.40	0.015937	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	54.99	0.021692	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-7.22	-0.002848	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-13.13	-0.005179	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	61.64	0.024316	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	59.95	0.023649	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-18.10	-0.007140	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-7.64	-0.003014	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-13.68	-0.005396	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-7.51	-0.002963	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-7.31	-0.002884	±2.5	PASS

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