



Appendix for LTE Band41

FCC ID: 2AC88-GLMU19A02

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	40265	1RB#0	22.04	PASS
Band41	5MHz	QPSK	40265	1RB#12	22.21	PASS
Band41	5MHz	QPSK	40265	1RB#24	21.89	PASS
Band41	5MHz	QPSK	40265	12RB#0	21.06	PASS
Band41	5MHz	QPSK	40265	12RB#6	21.13	PASS
Band41	5MHz	QPSK	40265	12RB#13	21.10	PASS
Band41	5MHz	QPSK	40265	25RB#0	21.10	PASS
Band41	5MHz	QPSK	40690	1RB#0	22.55	PASS
Band41	5MHz	QPSK	40690	1RB#12	22.25	PASS
Band41	5MHz	QPSK	40690	1RB#24	22.47	PASS
Band41	5MHz	QPSK	40690	12RB#0	21.70	PASS
Band41	5MHz	QPSK	40690	12RB#6	21.83	PASS
Band41	5MHz	QPSK	40690	12RB#13	21.75	PASS
Band41	5MHz	QPSK	40690	25RB#0	21.57	PASS
Band41	5MHz	QPSK	41215	1RB#0	21.25	PASS
Band41	5MHz	QPSK	41215	1RB#12	21.23	PASS
Band41	5MHz	QPSK	41215	1RB#24	20.88	PASS
Band41	5MHz	QPSK	41215	12RB#0	20.74	PASS
Band41	5MHz	QPSK	41215	12RB#6	20.83	PASS
Band41	5MHz	QPSK	41215	12RB#13	20.49	PASS
Band41	5MHz	QPSK	41215	25RB#0	20.31	PASS
Band41	5MHz	16QAM	40265	1RB#0	20.95	PASS
Band41	5MHz	16QAM	40265	1RB#12	21.34	PASS
Band41	5MHz	16QAM	40265	1RB#24	20.90	PASS
Band41	5MHz	16QAM	40265	12RB#0	20.95	PASS
Band41	5MHz	16QAM	40265	12RB#6	21.23	PASS
Band41	5MHz	16QAM	40265	12RB#13	20.89	PASS
Band41	5MHz	16QAM	40265	25RB#0	20.32	PASS
Band41	5MHz	16QAM	40690	1RB#0	21.71	PASS
Band41	5MHz	16QAM	40690	1RB#12	21.83	PASS
Band41	5MHz	16QAM	40690	1RB#24	21.75	PASS
Band41	5MHz	16QAM	40690	12RB#0	21.79	PASS
Band41	5MHz	16QAM	40690	12RB#6	21.83	PASS
Band41	5MHz	16QAM	40690	12RB#13	21.75	PASS

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Band41	5MHz	16QAM	40690	25RB#0	20.50	PASS
Band41	5MHz	16QAM	41215	1RB#0	20.33	PASS
Band41	5MHz	16QAM	41215	1RB#12	20.81	PASS
Band41	5MHz	16QAM	41215	1RB#24	20.47	PASS
Band41	5MHz	16QAM	41215	12RB#0	20.72	PASS
Band41	5MHz	16QAM	41215	12RB#6	20.94	PASS
Band41	5MHz	16QAM	41215	12RB#13	20.49	PASS
Band41	5MHz	16QAM	41215	25RB#0	20.21	PASS
Band41	10MHz	QPSK	40290	1RB#0	22.12	PASS
Band41	10MHz	QPSK	40290	1RB#24	22.28	PASS
Band41	10MHz	QPSK	40290	1RB#49	22.09	PASS
Band41	10MHz	QPSK	40290	25RB#0	21.28	PASS
Band41	10MHz	QPSK	40290	25RB#12	21.27	PASS
Band41	10MHz	QPSK	40290	25RB#25	21.30	PASS
Band41	10MHz	QPSK	40290	50RB#0	21.20	PASS
Band41	10MHz	QPSK	40690	1RB#0	22.53	PASS
Band41	10MHz	QPSK	40690	1RB#24	22.76	PASS
Band41	10MHz	QPSK	40690	1RB#49	22.42	PASS
Band41	10MHz	QPSK	40690	25RB#0	21.63	PASS
Band41	10MHz	QPSK	40690	25RB#12	21.55	PASS
Band41	10MHz	QPSK	40690	25RB#25	21.59	PASS
Band41	10MHz	QPSK	40690	50RB#0	21.53	PASS
Band41	10MHz	QPSK	41190	1RB#0	21.21	PASS
Band41	10MHz	QPSK	41190	1RB#24	21.23	PASS
Band41	10MHz	QPSK	41190	1RB#49	20.83	PASS
Band41	10MHz	QPSK	41190	25RB#0	20.34	PASS
Band41	10MHz	QPSK	41190	25RB#12	20.35	PASS
Band41	10MHz	QPSK	41190	25RB#25	20.39	PASS
Band41	10MHz	QPSK	41190	50RB#0	20.33	PASS
Band41	10MHz	16QAM	40290	1RB#0	21.14	PASS
Band41	10MHz	16QAM	40290	1RB#24	21.42	PASS
Band41	10MHz	16QAM	40290	1RB#49	21.13	PASS
Band41	10MHz	16QAM	40290	25RB#0	21.17	PASS
Band41	10MHz	16QAM	40290	25RB#12	21.16	PASS
Band41	10MHz	16QAM	40290	25RB#25	21.27	PASS
Band41	10MHz	16QAM	40290	50RB#0	20.34	PASS
Band41	10MHz	16QAM	40690	1RB#0	21.43	PASS
Band41	10MHz	16QAM	40690	1RB#24	22.31	PASS
Band41	10MHz	16QAM	40690	1RB#49	21.44	PASS
Band41	10MHz	16QAM	40690	25RB#0	21.63	PASS

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Band41	10MHz	16QAM	40690	25RB#12	21.55	PASS
Band41	10MHz	16QAM	40690	25RB#25	21.61	PASS
Band41	10MHz	16QAM	40690	50RB#0	20.45	PASS
Band41	10MHz	16QAM	41190	1RB#0	20.39	PASS
Band41	10MHz	16QAM	41190	1RB#24	20.44	PASS
Band41	10MHz	16QAM	41190	1RB#49	20.94	PASS
Band41	10MHz	16QAM	41190	25RB#0	20.35	PASS
Band41	10MHz	16QAM	41190	25RB#12	20.36	PASS
Band41	10MHz	16QAM	41190	25RB#25	20.39	PASS
Band41	10MHz	16QAM	41190	50RB#0	20.44	PASS
Band41	15MHz	QPSK	40315	1RB#0	21.91	PASS
Band41	15MHz	QPSK	40315	1RB#38	21.98	PASS
Band41	15MHz	QPSK	40315	1RB#74	21.76	PASS
Band41	15MHz	QPSK	40315	38RB#0	21.09	PASS
Band41	15MHz	QPSK	40315	38RB#18	21.10	PASS
Band41	15MHz	QPSK	40315	38RB#37	21.18	PASS
Band41	15MHz	QPSK	40315	75RB#0	21.21	PASS
Band41	15MHz	QPSK	40690	1RB#0	22.53	PASS
Band41	15MHz	QPSK	40690	1RB#38	22.49	PASS
Band41	15MHz	QPSK	40690	1RB#74	22.36	PASS
Band41	15MHz	QPSK	40690	38RB#0	21.75	PASS
Band41	15MHz	QPSK	40690	38RB#18	22.16	PASS
Band41	15MHz	QPSK	40690	38RB#37	21.34	PASS
Band41	15MHz	QPSK	40690	75RB#0	21.56	PASS
Band41	15MHz	QPSK	41165	1RB#0	21.53	PASS
Band41	15MHz	QPSK	41165	1RB#38	21.24	PASS
Band41	15MHz	QPSK	41165	1RB#74	20.88	PASS
Band41	15MHz	QPSK	41165	38RB#0	20.61	PASS
Band41	15MHz	QPSK	41165	38RB#18	20.35	PASS
Band41	15MHz	QPSK	41165	38RB#37	20.59	PASS
Band41	15MHz	QPSK	41165	75RB#0	20.54	PASS
Band41	15MHz	16QAM	40315	1RB#0	21.10	PASS
Band41	15MHz	16QAM	40315	1RB#38	21.09	PASS
Band41	15MHz	16QAM	40315	1RB#74	21.09	PASS
Band41	15MHz	16QAM	40315	38RB#0	21.09	PASS
Band41	15MHz	16QAM	40315	38RB#18	21.18	PASS
Band41	15MHz	16QAM	40315	38RB#37	21.18	PASS
Band41	15MHz	16QAM	40315	75RB#0	20.56	PASS
Band41	15MHz	16QAM	40690	1RB#0	21.37	PASS
Band41	15MHz	16QAM	40690	1RB#38	21.64	PASS

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Band41	15MHz	16QAM	40690	1RB#74	21.72	PASS
Band41	15MHz	16QAM	40690	38RB#0	21.76	PASS
Band41	15MHz	16QAM	40690	38RB#18	21.68	PASS
Band41	15MHz	16QAM	40690	38RB#37	21.63	PASS
Band41	15MHz	16QAM	40690	75RB#0	20.52	PASS
Band41	15MHz	16QAM	41165	1RB#0	20.41	PASS
Band41	15MHz	16QAM	41165	1RB#38	20.35	PASS
Band41	15MHz	16QAM	41165	1RB#74	20.89	PASS
Band41	15MHz	16QAM	41165	38RB#0	20.61	PASS
Band41	15MHz	16QAM	41165	38RB#18	20.35	PASS
Band41	15MHz	16QAM	41165	38RB#37	20.45	PASS
Band41	15MHz	16QAM	41165	75RB#0	20.32	PASS
Band41	20MHz	QPSK	40340	1RB#0	22.28	PASS
Band41	20MHz	QPSK	40340	1RB#49	22.62	PASS
Band41	20MHz	QPSK	40340	1RB#99	22.27	PASS
Band41	20MHz	QPSK	40340	50RB#0	21.22	PASS
Band41	20MHz	QPSK	40340	50RB#25	21.21	PASS
Band41	20MHz	QPSK	40340	50RB#50	21.27	PASS
Band41	20MHz	QPSK	40340	100RB#0	21.32	PASS
Band41	20MHz	QPSK	40690	1RB#0	22.33	PASS
Band41	20MHz	QPSK	40690	1RB#49	22.89	PASS
Band41	20MHz	QPSK	40690	1RB#99	22.27	PASS
Band41	20MHz	QPSK	40690	50RB#0	21.58	PASS
Band41	20MHz	QPSK	40690	50RB#25	21.60	PASS
Band41	20MHz	QPSK	40690	50RB#50	21.61	PASS
Band41	20MHz	QPSK	40690	100RB#0	21.63	PASS
Band41	20MHz	QPSK	41140	1RB#0	21.90	PASS
Band41	20MHz	QPSK	41140	1RB#49	21.94	PASS
Band41	20MHz	QPSK	41140	1RB#99	21.06	PASS
Band41	20MHz	QPSK	41140	50RB#0	20.77	PASS
Band41	20MHz	QPSK	41140	50RB#25	20.78	PASS
Band41	20MHz	QPSK	41140	50RB#50	20.37	PASS
Band41	20MHz	QPSK	41140	100RB#0	20.67	PASS
Band41	20MHz	16QAM	40340	1RB#0	21.63	PASS
Band41	20MHz	16QAM	40340	1RB#49	22.09	PASS
Band41	20MHz	16QAM	40340	1RB#99	21.66	PASS
Band41	20MHz	16QAM	40340	50RB#0	20.34	PASS
Band41	20MHz	16QAM	40340	50RB#25	20.45	PASS
Band41	20MHz	16QAM	40340	50RB#50	20.33	PASS
Band41	20MHz	16QAM	40340	100RB#0	20.43	PASS

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Band41	20MHz	16QAM	40690	1RB#0	21.12	PASS
Band41	20MHz	16QAM	40690	1RB#49	21.73	PASS
Band41	20MHz	16QAM	40690	1RB#99	21.12	PASS
Band41	20MHz	16QAM	40690	50RB#0	20.55	PASS
Band41	20MHz	16QAM	40690	50RB#25	20.64	PASS
Band41	20MHz	16QAM	40690	50RB#50	20.56	PASS
Band41	20MHz	16QAM	40690	100RB#0	20.47	PASS
Band41	20MHz	16QAM	41140	1RB#0	21.08	PASS
Band41	20MHz	16QAM	41140	1RB#49	21.24	PASS
Band41	20MHz	16QAM	41140	1RB#99	20.30	PASS
Band41	20MHz	16QAM	41140	50RB#0	20.76	PASS
Band41	20MHz	16QAM	41140	50RB#25	20.79	PASS
Band41	20MHz	16QAM	41140	50RB#50	20.40	PASS
Band41	20MHz	16QAM	41140	100RB#0	20.58	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
Band41	5MHz	QPSK	40265	1RB#0	3.51	13	PASS
Band41	5MHz	QPSK	40265	25RB#0	8.38	13	PASS
Band41	5MHz	QPSK	40690	1RB#0	6.99	13	PASS
Band41	5MHz	QPSK	40690	25RB#0	8.43	13	PASS
Band41	5MHz	QPSK	41215	1RB#0	6.96	13	PASS
Band41	5MHz	QPSK	41215	25RB#0	8.46	13	PASS
Band41	5MHz	16QAM	40265	1RB#0	8.17	13	PASS
Band41	5MHz	16QAM	40265	25RB#0	9.19	13	PASS
Band41	5MHz	16QAM	40690	1RB#0	7.83	13	PASS
Band41	5MHz	16QAM	40690	25RB#0	9.19	13	PASS
Band41	5MHz	16QAM	41215	1RB#0	7.86	13	PASS
Band41	5MHz	16QAM	41215	25RB#0	9.30	13	PASS
Band41	10MHz	QPSK	40290	1RB#0	3.19	13	PASS
Band41	10MHz	QPSK	40290	50RB#0	8.38	13	PASS
Band41	10MHz	QPSK	40690	1RB#0	9.19	13	PASS
Band41	10MHz	QPSK	40690	50RB#0	8.35	13	PASS
Band41	10MHz	QPSK	41190	1RB#0	6.99	13	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.52	13	PASS
Band41	10MHz	16QAM	40290	1RB#0	8.20	13	PASS
Band41	10MHz	16QAM	40290	50RB#0	9.19	13	PASS
Band41	10MHz	16QAM	40690	1RB#0	7.97	13	PASS
Band41	10MHz	16QAM	40690	50RB#0	9.25	13	PASS
Band41	10MHz	16QAM	41190	1RB#0	8.06	13	PASS
Band41	10MHz	16QAM	41190	50RB#0	9.33	13	PASS
Band41	15MHz	QPSK	40315	1RB#0	3.88	13	PASS
Band41	15MHz	QPSK	40315	75RB#0	8.41	13	PASS
Band41	15MHz	QPSK	40690	1RB#0	9.51	13	PASS
Band41	15MHz	QPSK	40690	75RB#0	8.41	13	PASS
Band41	15MHz	QPSK	41165	1RB#0	6.93	13	PASS
Band41	15MHz	QPSK	41165	75RB#0	8.52	13	PASS
Band41	15MHz	16QAM	40315	1RB#0	7.88	13	PASS
Band41	15MHz	16QAM	40315	75RB#0	9.51	13	PASS
Band41	15MHz	16QAM	40690	1RB#0	7.80	13	PASS
Band41	15MHz	16QAM	40690	75RB#0	9.28	13	PASS

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Band41	15MHz	16QAM	41165	1RB#0	8.06	13	PASS
Band41	15MHz	16QAM	41165	75RB#0	9.33	13	PASS
Band41	20MHz	QPSK	40340	1RB#0	8.46	13	PASS
Band41	20MHz	QPSK	40340	100RB#0	8.23	13	PASS
Band41	20MHz	QPSK	40690	1RB#0	9.13	13	PASS
Band41	20MHz	QPSK	40690	100RB#0	8.26	13	PASS
Band41	20MHz	QPSK	41140	1RB#0	9.16	13	PASS
Band41	20MHz	QPSK	41140	100RB#0	8.32	13	PASS
Band41	20MHz	16QAM	40340	1RB#0	7.71	13	PASS
Band41	20MHz	16QAM	40340	100RB#0	9.13	13	PASS
Band41	20MHz	16QAM	40690	1RB#0	7.88	13	PASS
Band41	20MHz	16QAM	40690	100RB#0	9.16	13	PASS
Band41	20MHz	16QAM	41140	1RB#0	8.06	13	PASS
Band41	20MHz	16QAM	41140	100RB#0	9.19	13	PASS

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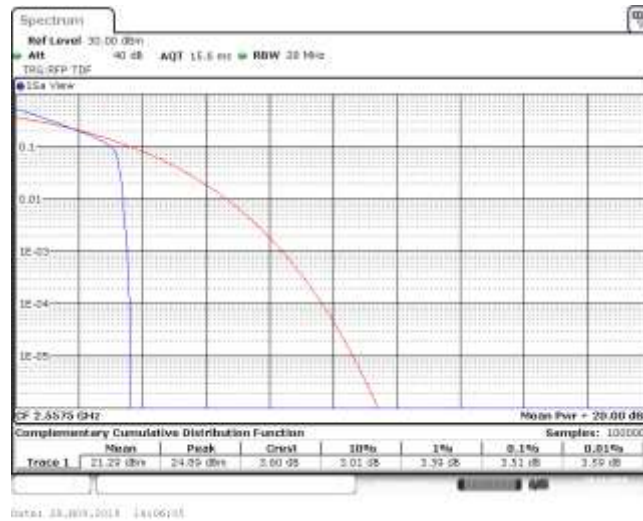
Fax: (86)755-27521011

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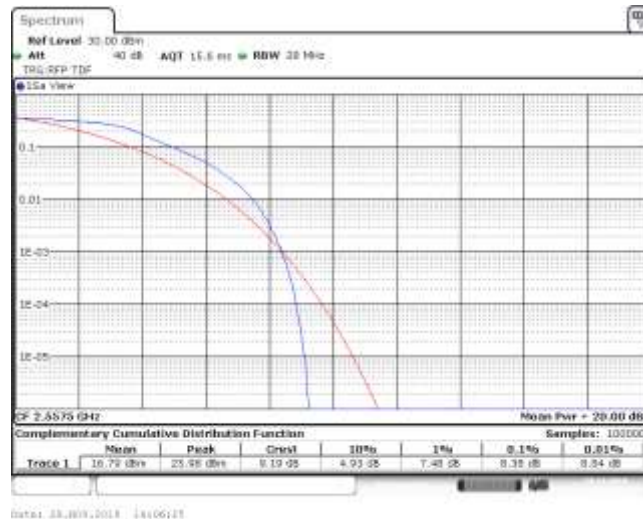
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Test Graphs

Band41_5MHz_QPSK_40265_1RB#0



Band41_5MHz_QPSK_40265_25RB#0



Band41_5MHz_QPSK_40690_1RB#0

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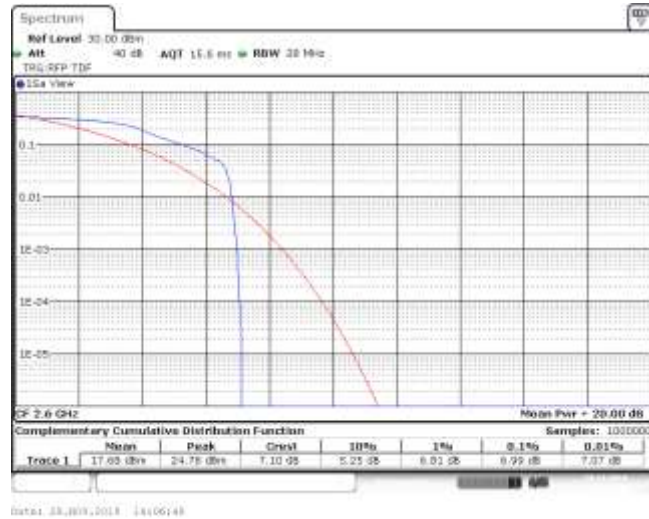
Tel.: (86)755-27521059

Fax: (86)755-27521011

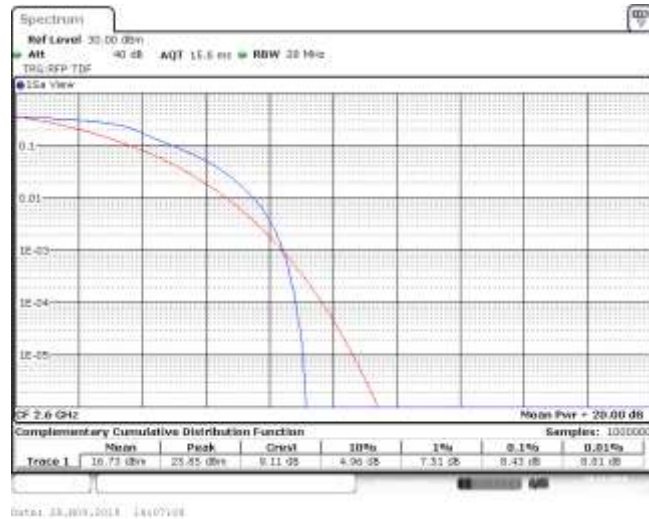
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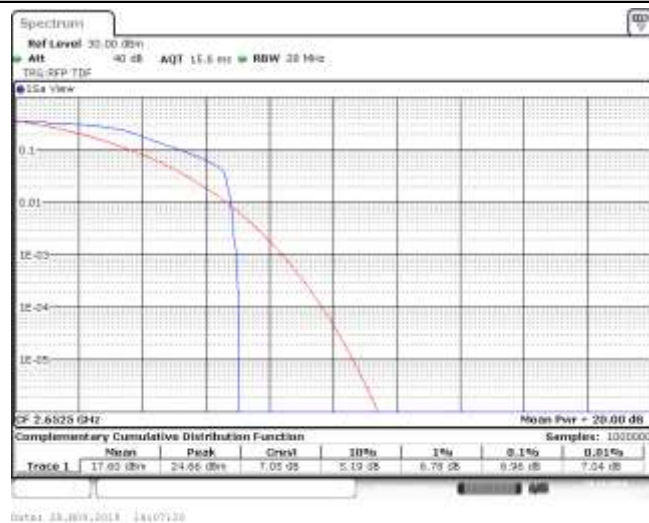
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Band41_5MHz_QPSK_40690_25RB#0



Band41_5MHz_QPSK_41215_1RB#0



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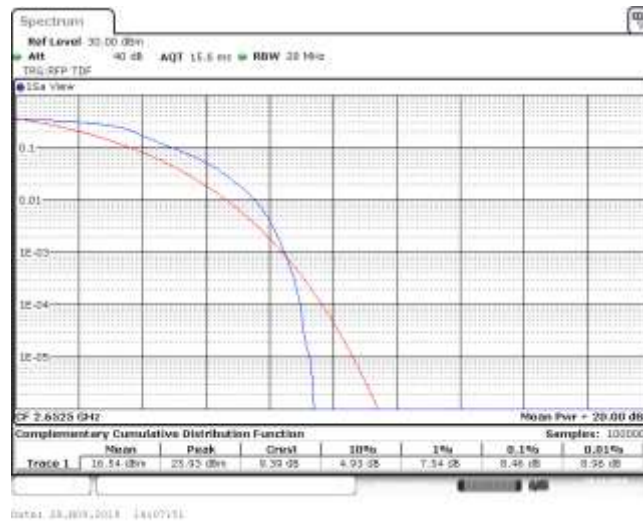
Tel.: (86)755-27521059

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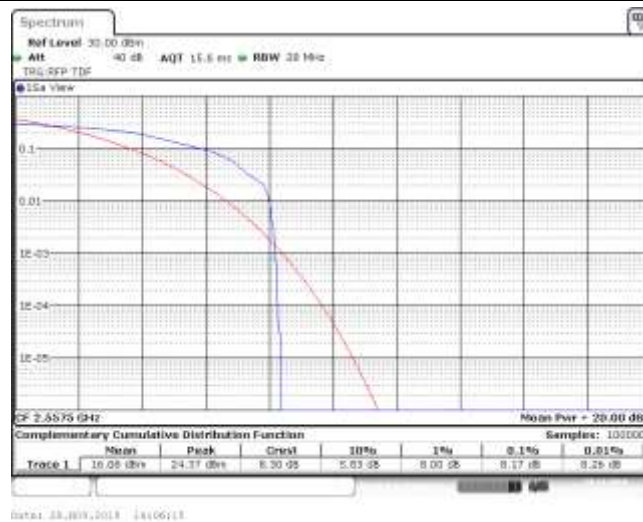
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Band41_5MHz_QPSK_41215_25RB#0



Band41_5MHz_16QAM_40265_1RB#0



Band41_5MHz_16QAM_40265_25RB#0

CTC Laboratories, Inc.

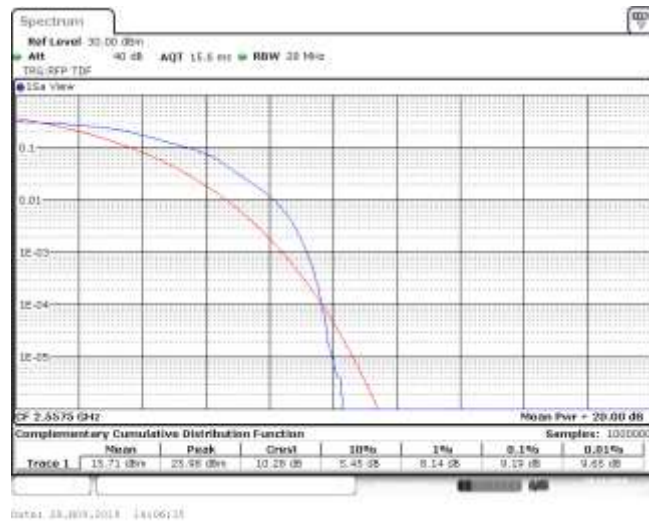
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Tel.: (86)755-27521059

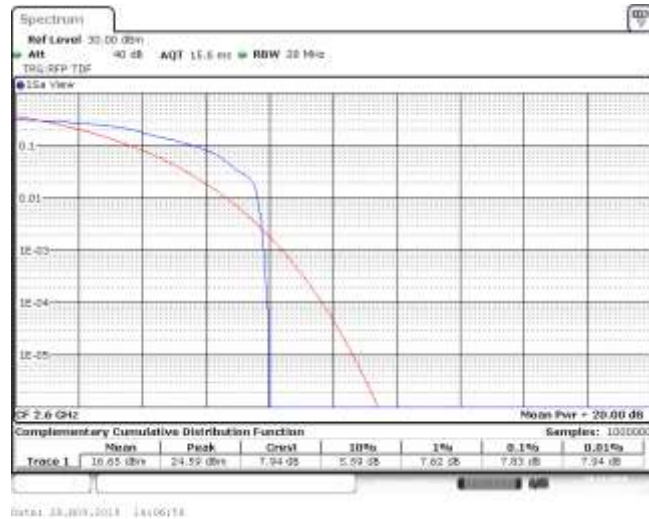
Fax: (86)755-27521011

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

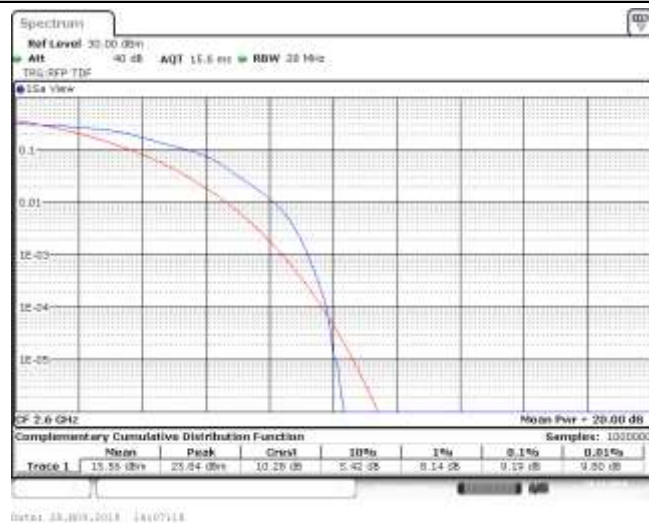

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Band41_5MHz_16QAM_40690_1RB#0



Band41_5MHz_16QAM_40690_25RB#0



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

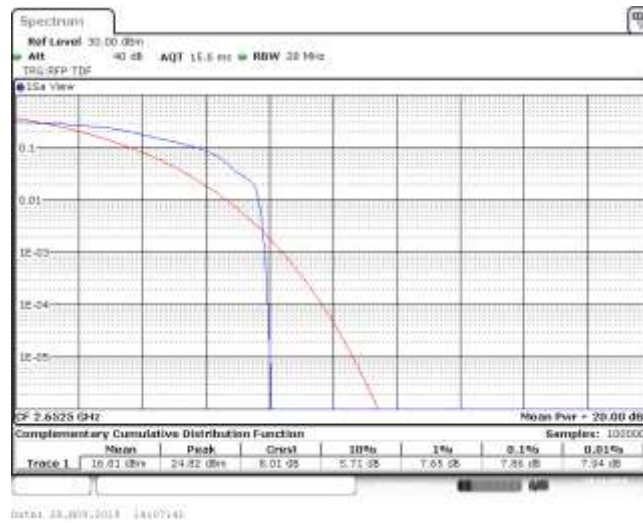
Fax: (86)755-27521011

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

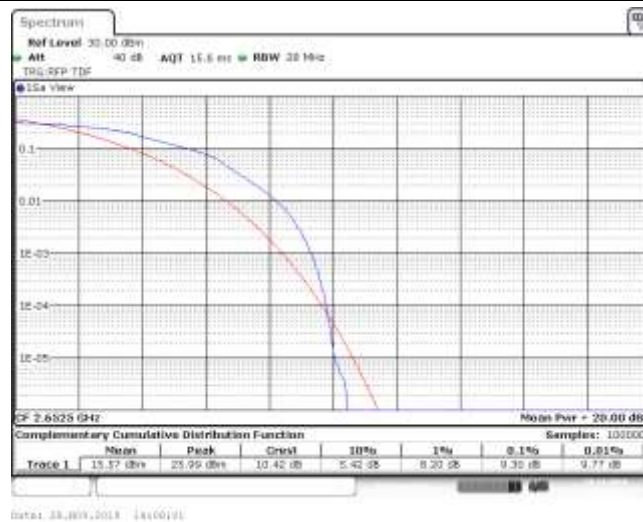

中国国家标准认证监督管理委员会
Certification and Accreditation Administration of the People's Republic of China

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Band41_5MHz_16QAM_41215_1RB#0



Band41_5MHz_16QAM_41215_25RB#0



Band41_10MHz_QPSK_40290_1RB#0

CTC Laboratories, Inc.

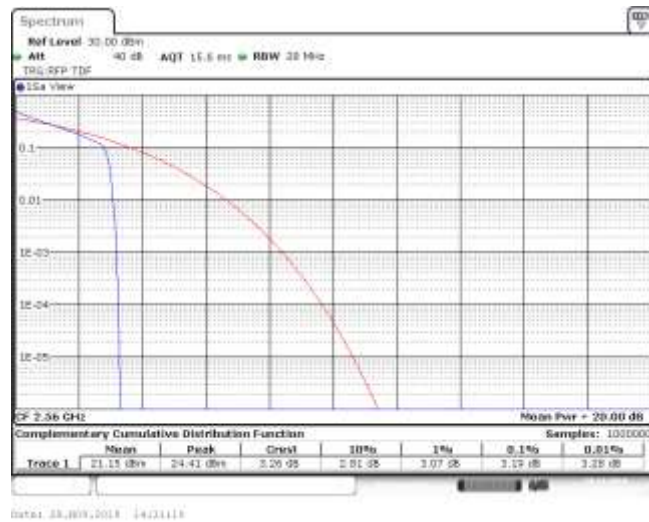
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Tel.: (86)755-27521059

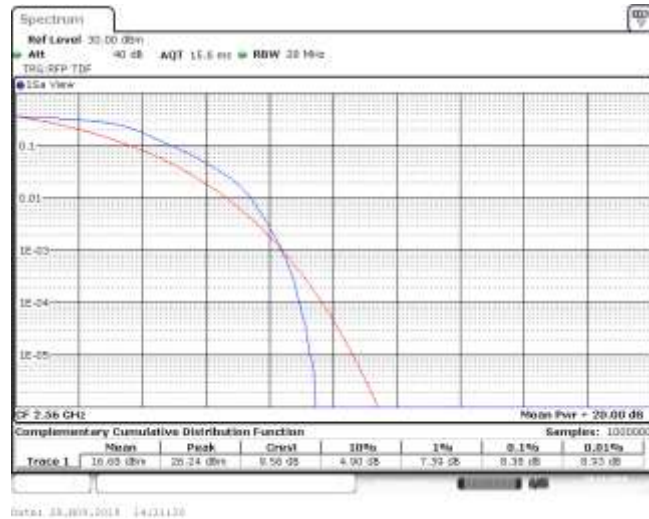
Fax: (86)755-27521011

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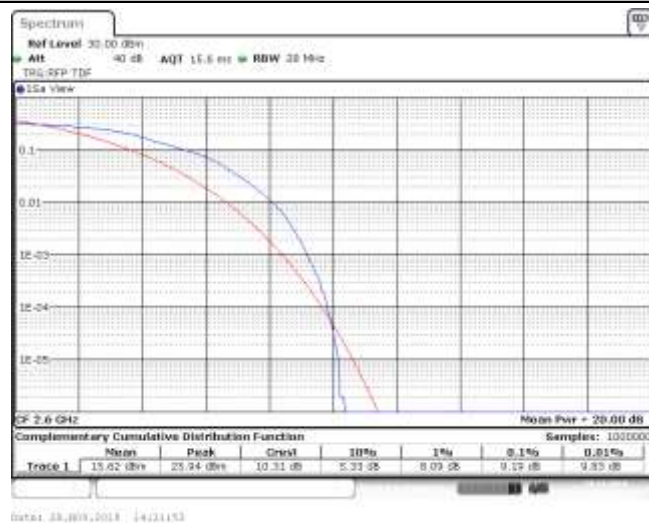

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Band41_10MHz_QPSK_40290_50RB#0



Band41_10MHz_QPSK_40690_1RB#0



CTC Laboratories, Inc.

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

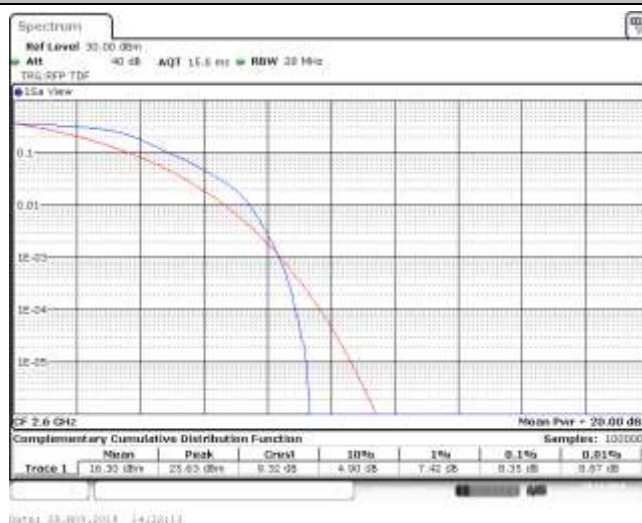
Tel.: (86)755-27521059

Fax: (86)755-27521011

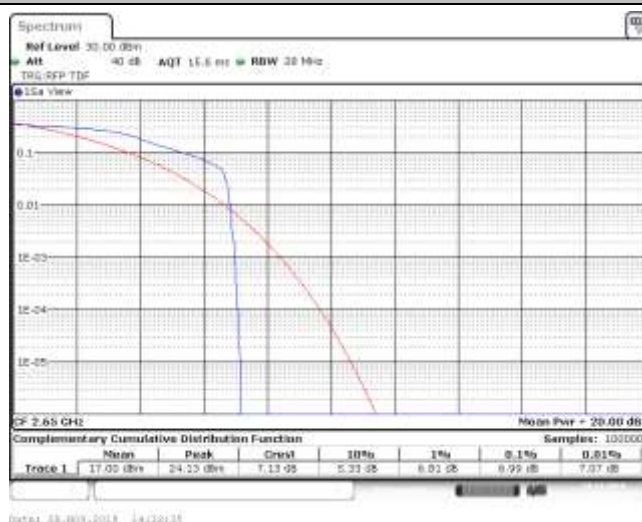
Http://www.sz-ctc.org.cn


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Band41_10MHz_QPSK_40690_50RB#0



Band41_10MHz_QPSK_41190_1RB#0



Band41_10MHz_QPSK_41190_50RB#0

CTC Laboratories, Inc.

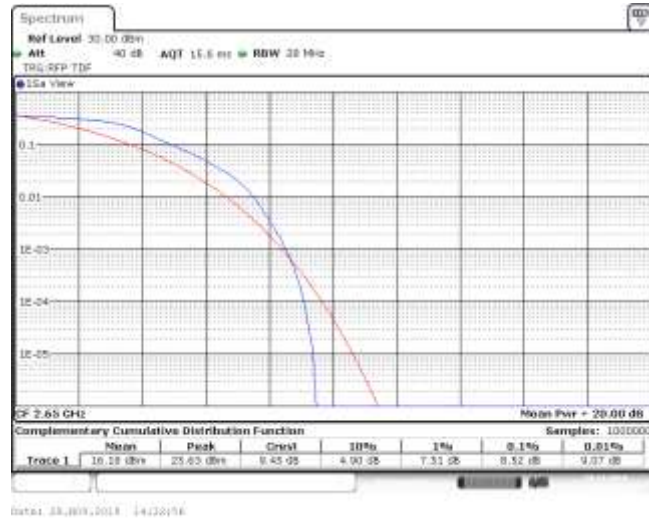
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Tel.: (86)755-27521059

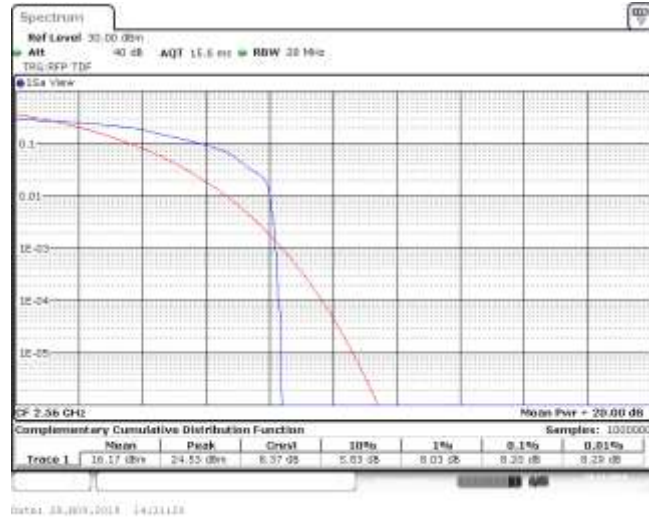
Fax: (86)755-27521011

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

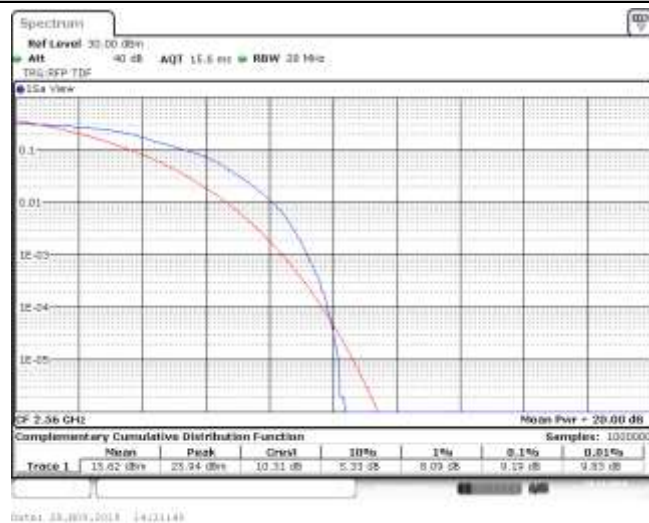

For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



Band41_10MHz_16QAM_40290_1RB#0



Band41_10MHz_16QAM_40290_50RB#0



CTC Laboratories, Inc.

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

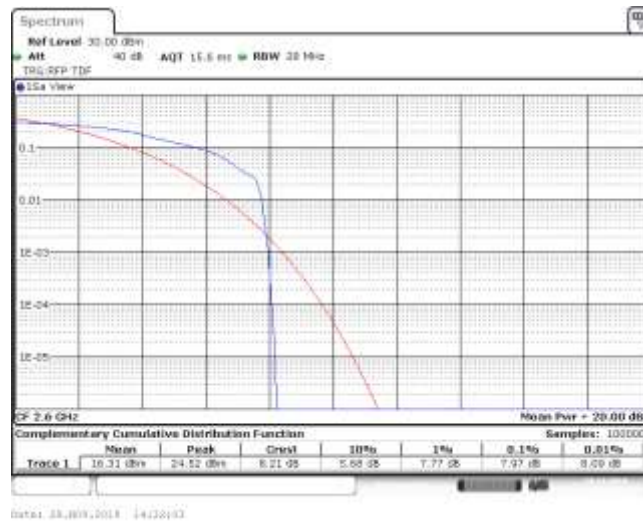
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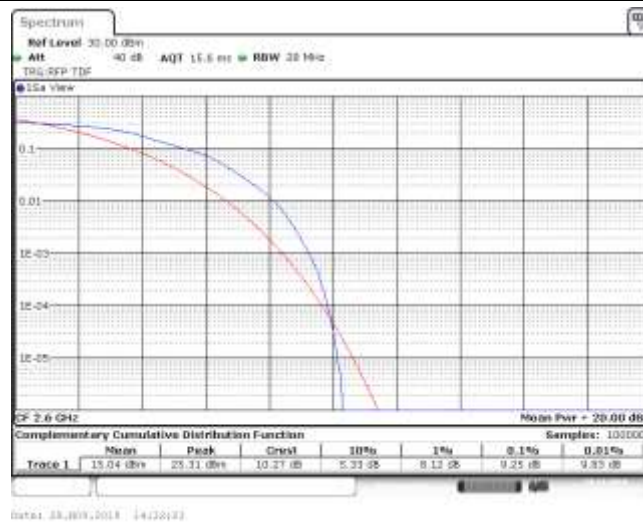
Http://www.sz-ctc.org.cn


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Band41_10MHz_16QAM_40690_1RB#0



Band41_10MHz_16QAM_40690_50RB#0



Band41_10MHz_16QAM_41190_1RB#0

CTC Laboratories, Inc.

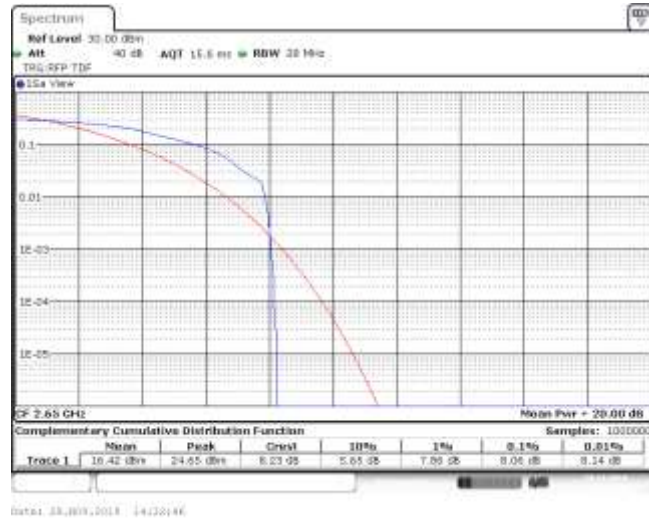
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Tel.: (86)755-27521059

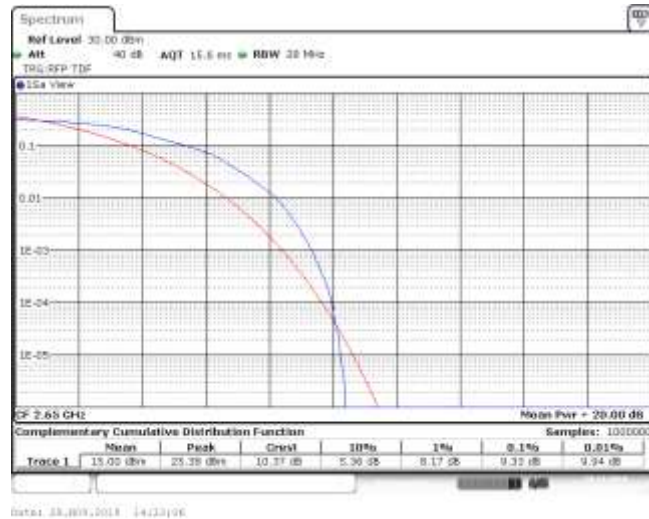
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Http://www.sz-ctc.org.cn

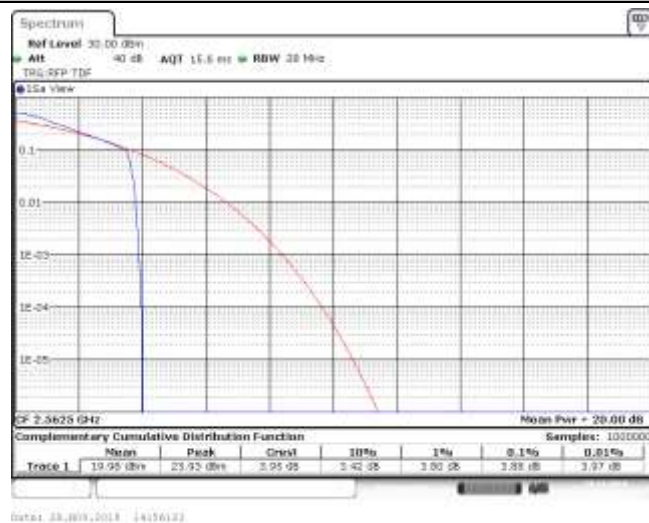
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



Band41_10MHz_16QAM_41190_50RB#0



Band41_15MHz_QPSK_40315_1RB#0



CTC Laboratories, Inc.

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

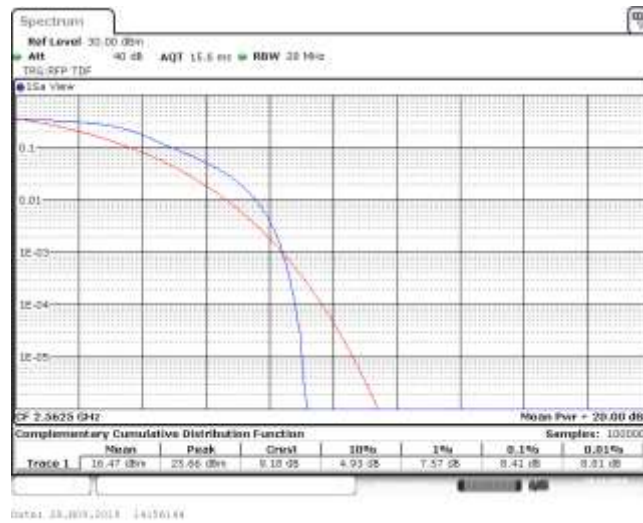
Tel.: (86)755-27521059

Fax: (86)755-27521011

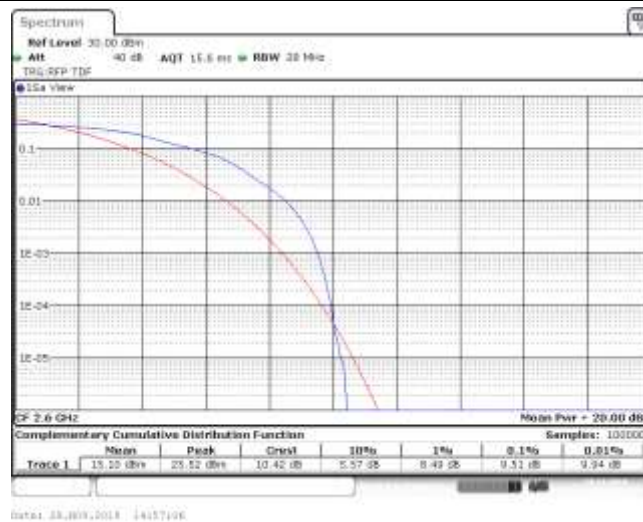
Http://www.sz-ctc.org.cn


For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn

Band41_15MHz_QPSK_40315_75RB#0



Band41_15MHz_QPSK_40690_1RB#0



Band41_15MHz_QPSK_40690_75RB#0

CTC Laboratories, Inc.

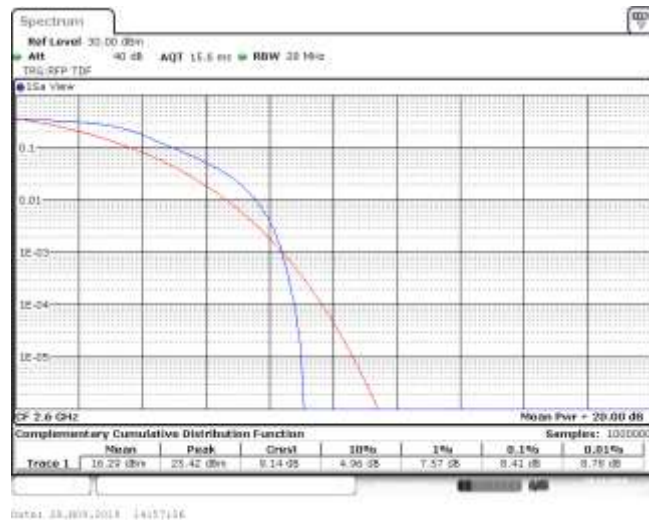
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Tel.: (86)755-27521059

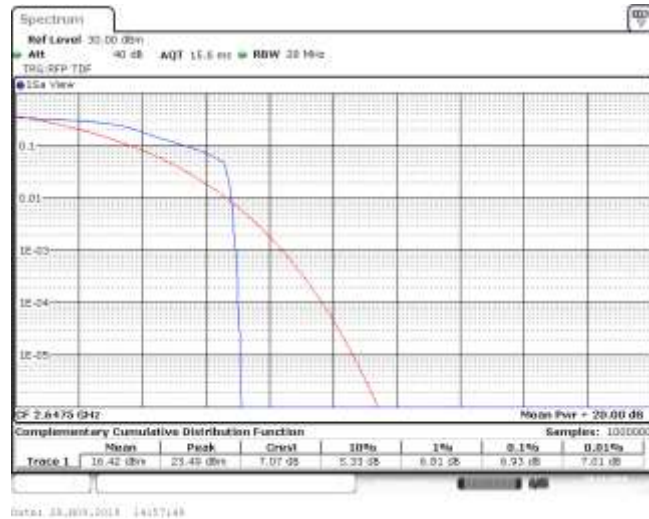
Fax: (86)755-27521011

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

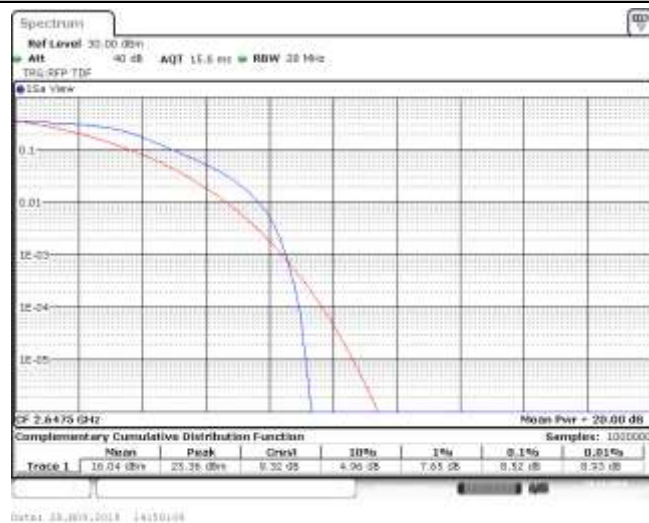
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



Band41_15MHz_QPSK_41165_1RB#0



Band41_15MHz_QPSK_41165_75RB#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

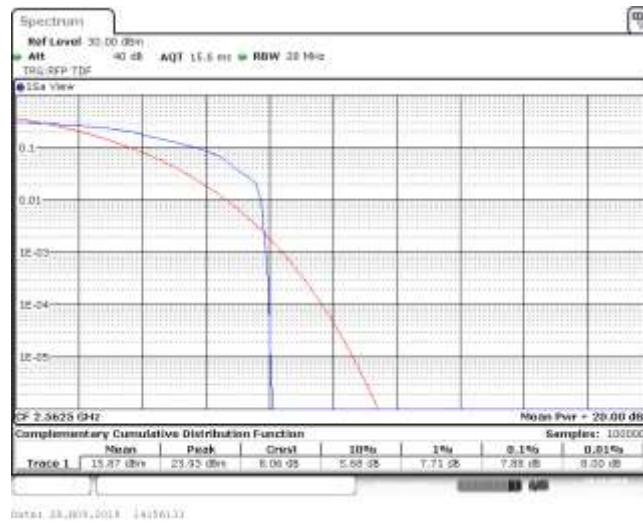
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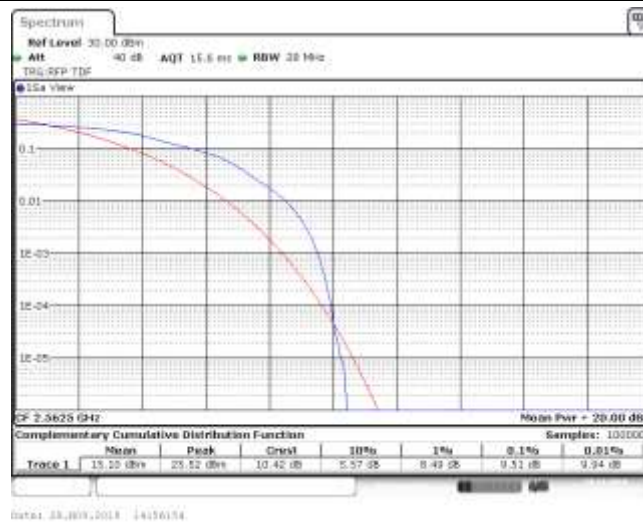


For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn

Band41_15MHz_16QAM_40315_1RB#0



Band41_15MHz_16QAM_40315_75RB#0



Band41_15MHz_16QAM_40690_1RB#0

CTC Laboratories, Inc.

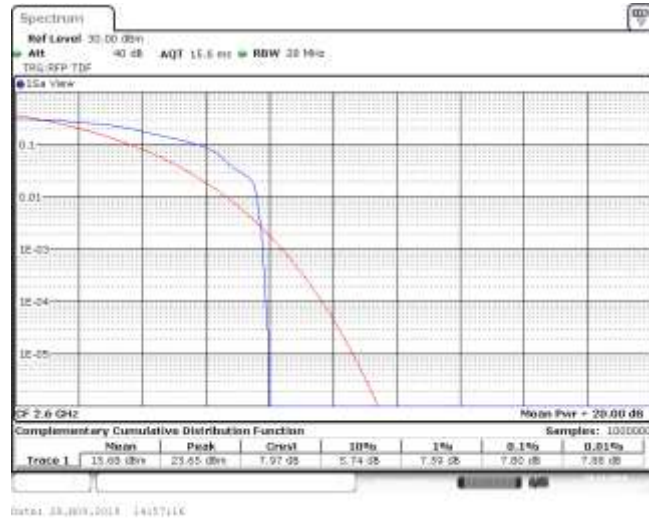
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Tel.: (86)755-27521059

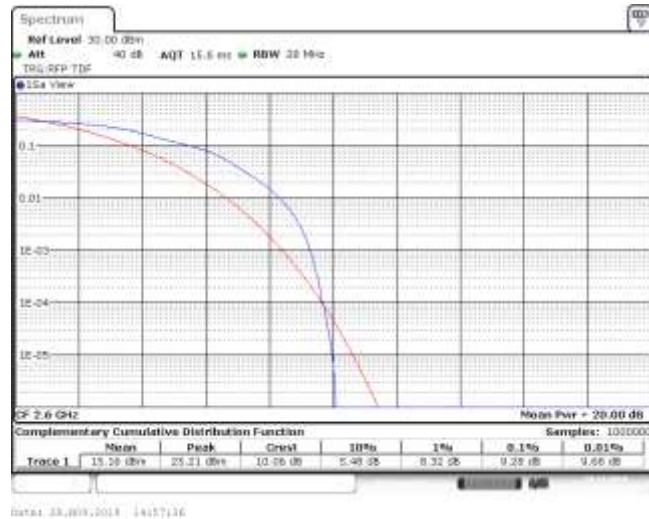
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Http://www.sz-ctc.org.cn

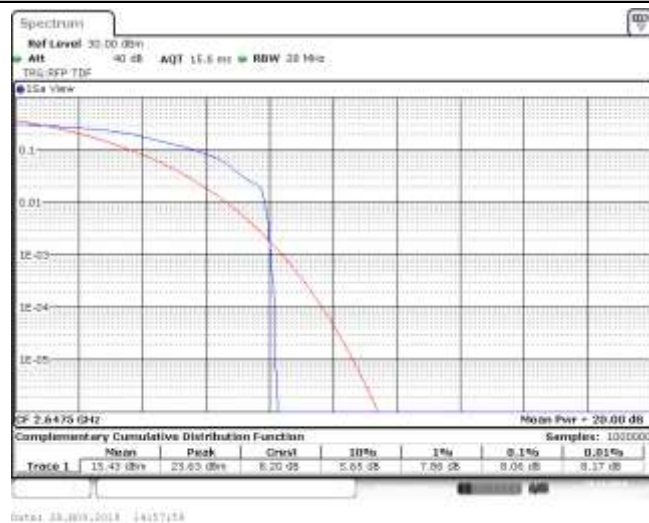

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Band41_15MHz_16QAM_40690_75RB#0



Band41_15MHz_16QAM_41165_1RB#0



CTC Laboratories, Inc.

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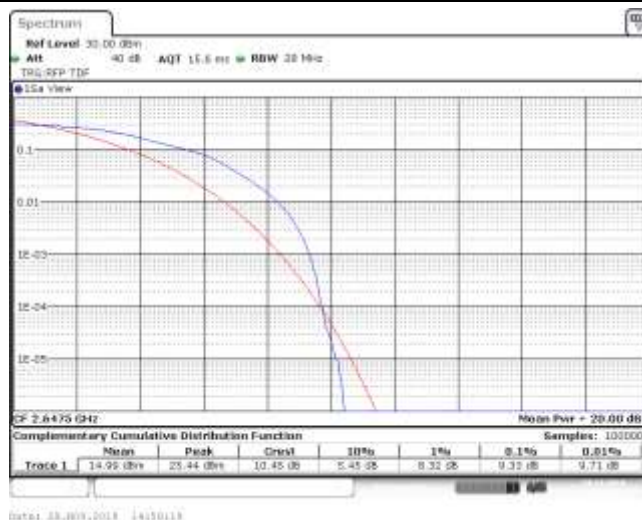
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Fax: (86)755-27521011

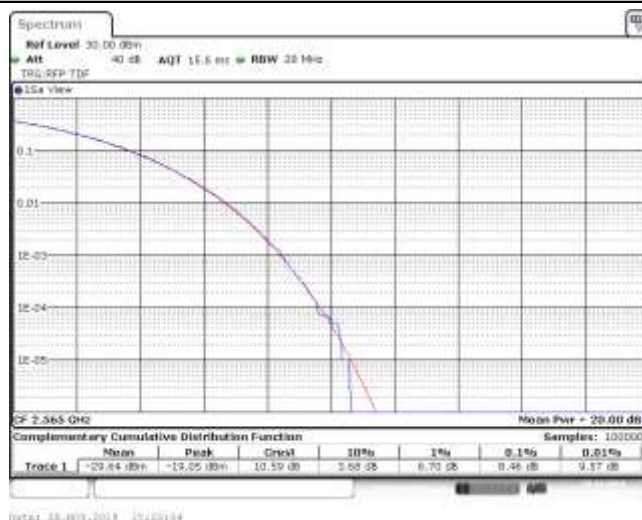
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Band41_15MHz_16QAM_41165_75RB#0



Band41_20MHz_QPSK_40340_1RB#0



Band41_20MHz_QPSK_40340_100RB#0

CTC Laboratories, Inc.

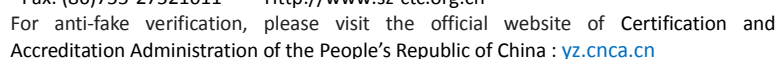
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Tel.: (86)755-27521059

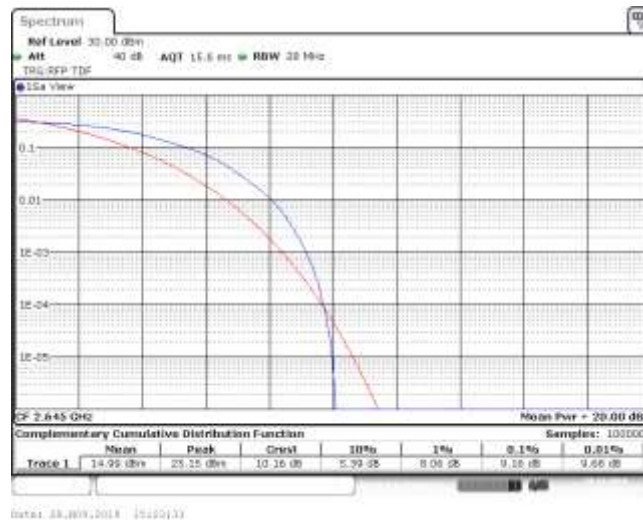
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Http://www.sz-ctc.org.cn

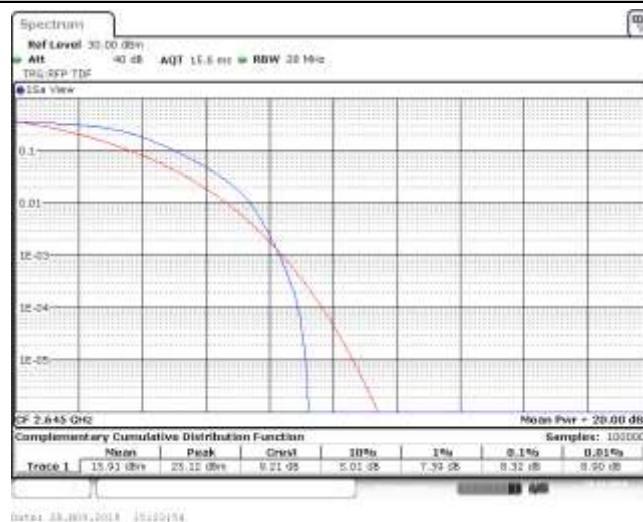
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Band41_20MHz_QPSK_41140_1RB#0



Band41_20MHz_QPSK_41140_100RB#0



Band41_20MHz_16QAM_40340_1RB#0

CTC Laboratories, Inc.

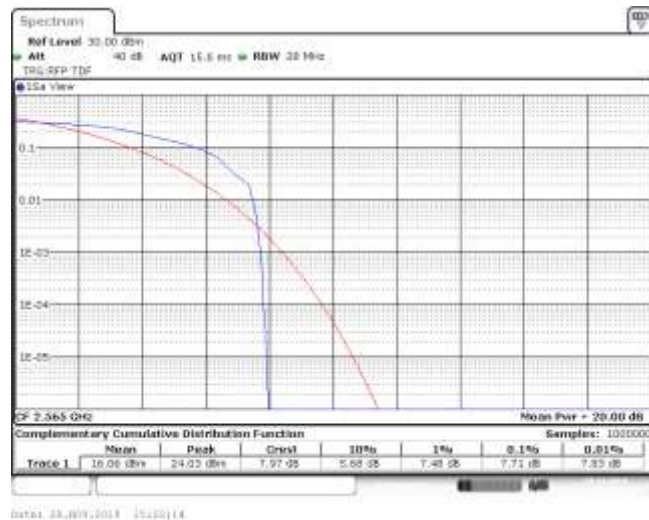
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Tel.: (86)755-27521059

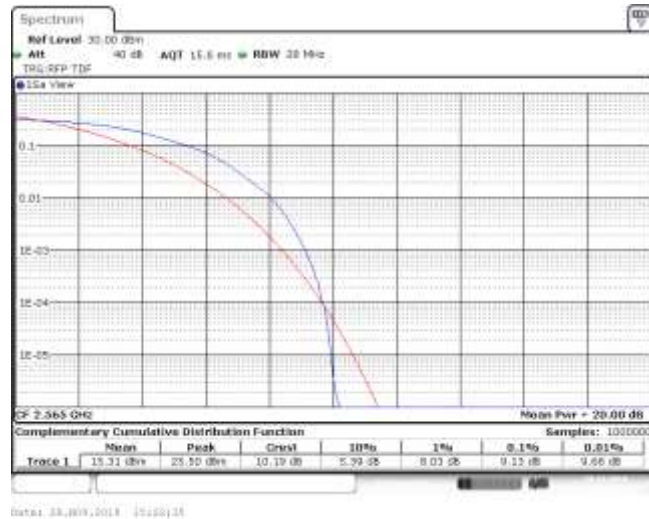
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Http://www.sz-ctc.org.cn

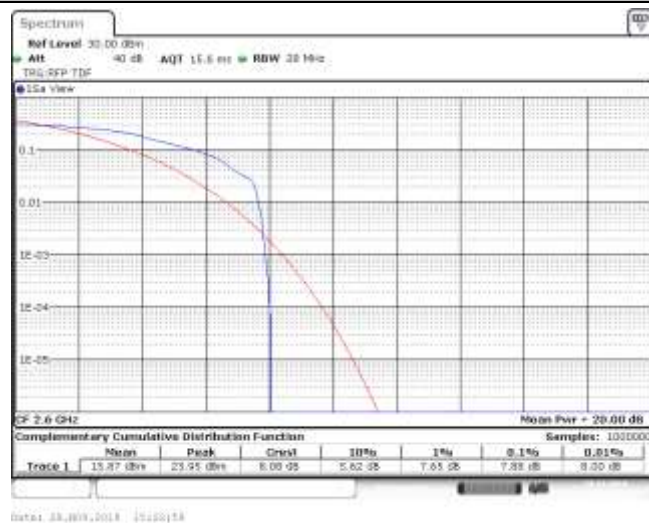

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Band41_20MHz_16QAM_40340_100RB#0



Band41_20MHz_16QAM_40690_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

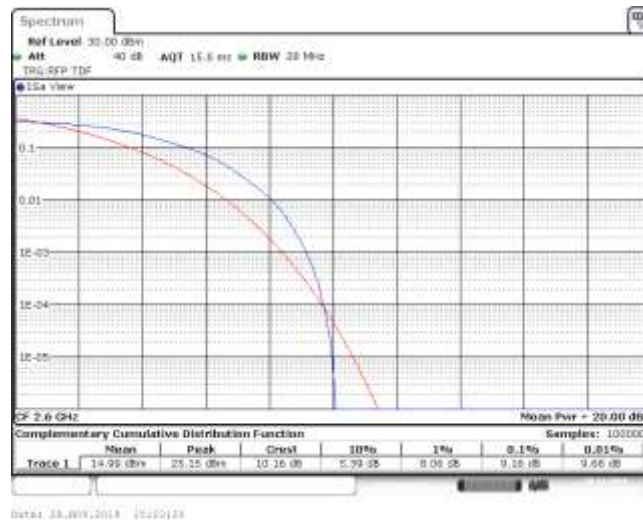
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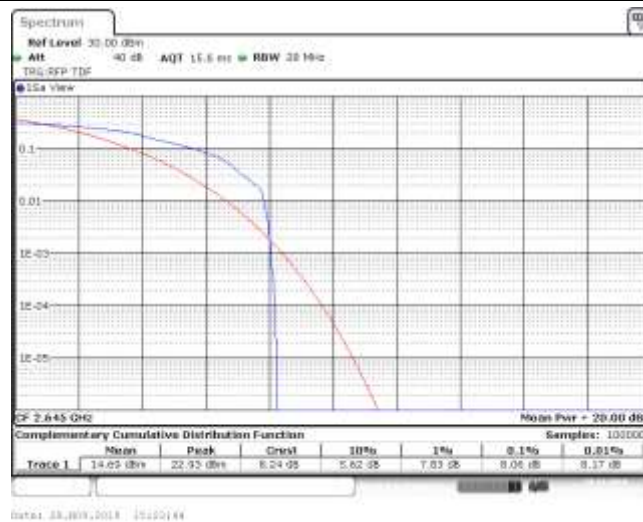
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Band41_20MHz_16QAM_40690_100RB#0



Band41_20MHz_16QAM_41140_1RB#0



Band41_20MHz_16QAM_41140_100RB#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

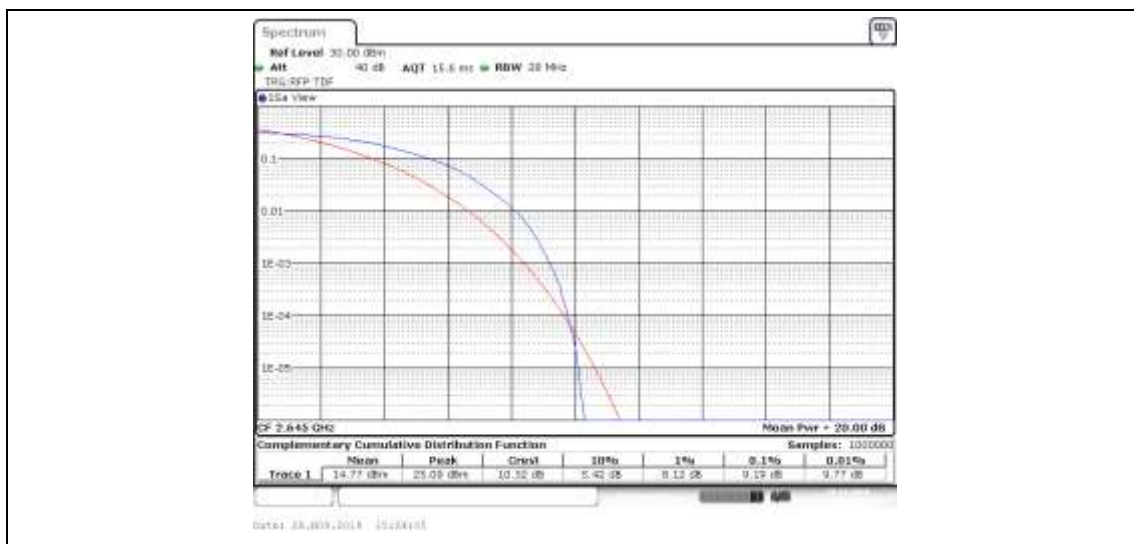
Tel.: (86)755-27521059

Fax: (86)755-27521011

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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
Band41	5MHz	QPSK	40265	25RB#0	4.505	4.770	PASS
Band41	5MHz	QPSK	40690	25RB#0	4.496	4.780	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.496	4.800	PASS
Band41	5MHz	16QAM	40265	25RB#0	4.505	4.780	PASS
Band41	5MHz	16QAM	40690	25RB#0	4.496	4.780	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.486	4.770	PASS
Band41	10MHz	QPSK	40290	50RB#0	8.952	9.533	PASS
Band41	10MHz	QPSK	40690	50RB#0	8.952	9.533	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.952	9.533	PASS
Band41	10MHz	16QAM	40290	50RB#0	8.952	9.533	PASS
Band41	10MHz	16QAM	40690	50RB#0	8.952	9.533	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.952	9.533	PASS
Band41	15MHz	QPSK	40315	75RB#0	13.478	14.300	PASS
Band41	15MHz	QPSK	40690	75RB#0	13.478	14.300	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.428	14.300	PASS
Band41	15MHz	16QAM	40315	75RB#0	13.428	14.300	PASS
Band41	15MHz	16QAM	40690	75RB#0	13.478	14.300	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.428	14.300	PASS
Band41	20MHz	QPSK	40340	100RB#0	17.97	19.333	PASS
Band41	20MHz	QPSK	40690	100RB#0	17.97	19.333	PASS
Band41	20MHz	QPSK	41140	100RB#0	17.97	19.333	PASS
Band41	20MHz	16QAM	40340	100RB#0	17.97	19.333	PASS
Band41	20MHz	16QAM	40690	100RB#0	17.97	19.333	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.97	19.333	PASS

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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

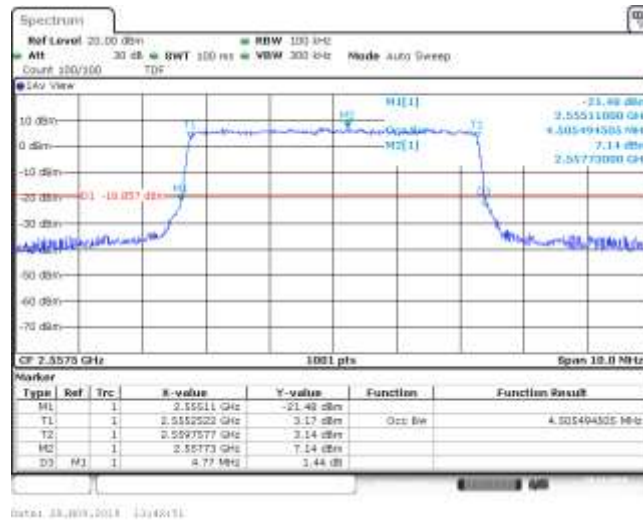
Fax: (86)755-27521011

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

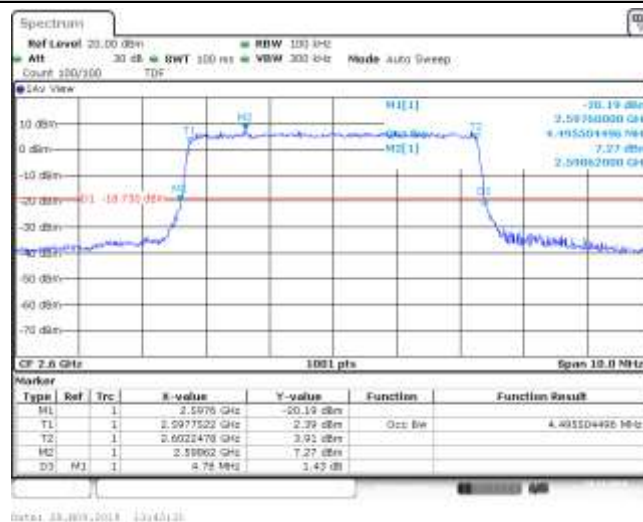

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Test Graphs

Band41_5MHz_QPSK_40265_25RB#0



Band41_5MHz_QPSK_40690_25RB#0



Band41_5MHz_QPSK_41215_25RB#0

CTC Laboratories, Inc.

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

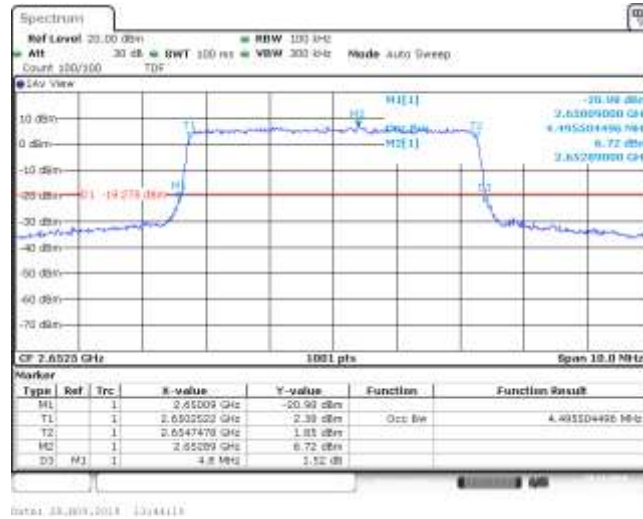
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Fax: (86)755-27521011

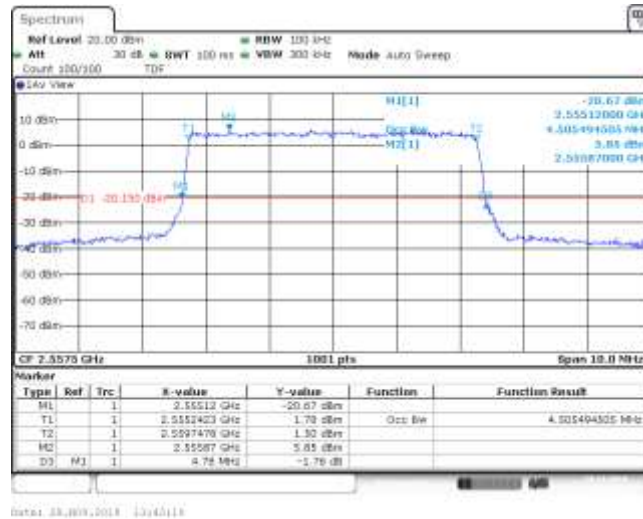
Http://www.sz-ctc.org.cn



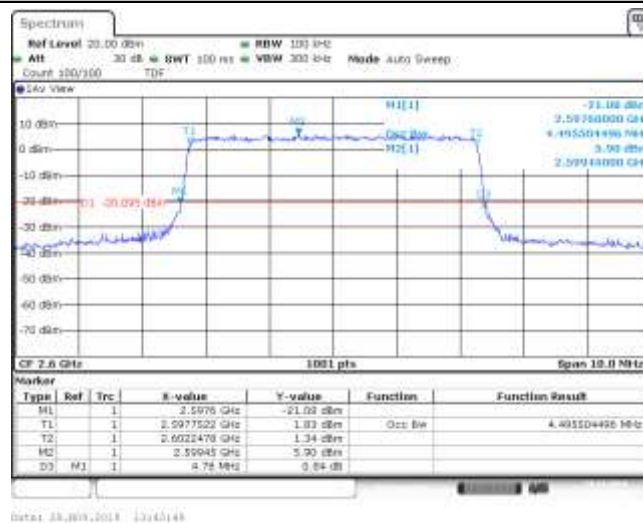
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



Band41_5MHz_16QAM_40265_25RB#0



Band41_5MHz_16QAM_40690_25RB#0



CTC Laboratories, Inc.

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

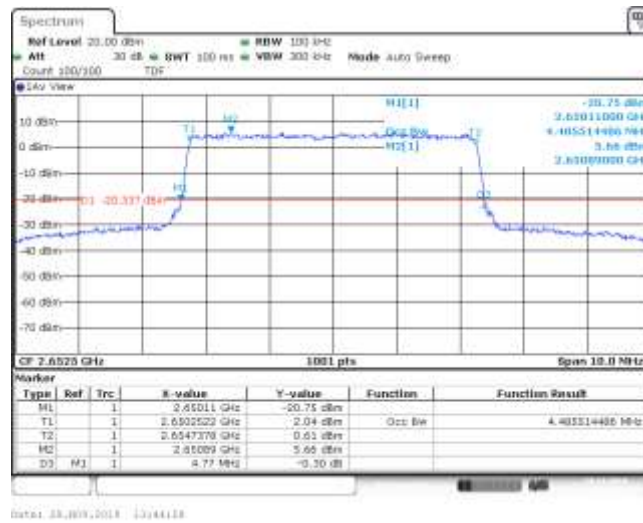
Tel.: (86)755-27521059

Fax: (86)755-27521011

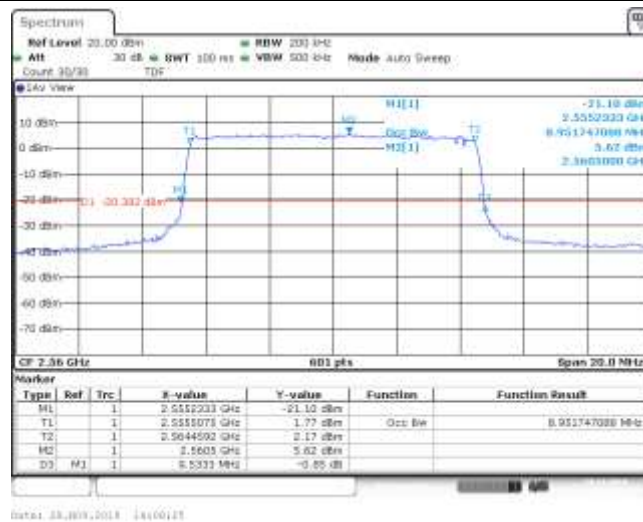
Http://www.sz-ctc.org.cn


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Band41_5MHz_16QAM_41215_25RB#0



Band41_10MHz_QPSK_40290_50RB#0



Band41_10MHz_QPSK_40690_50RB#0

CTC Laboratories, Inc.

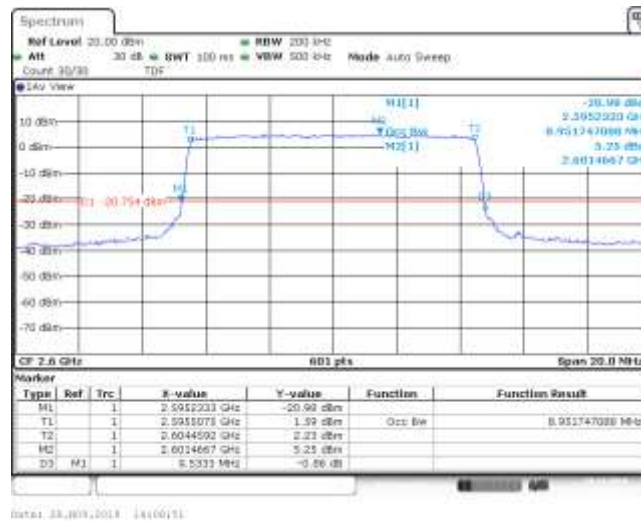
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

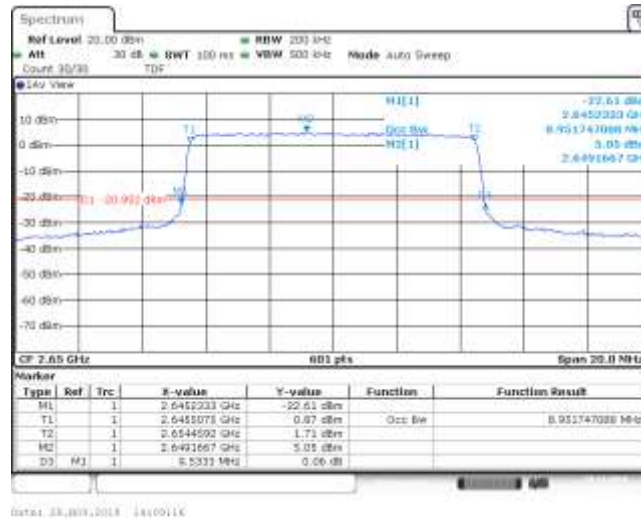
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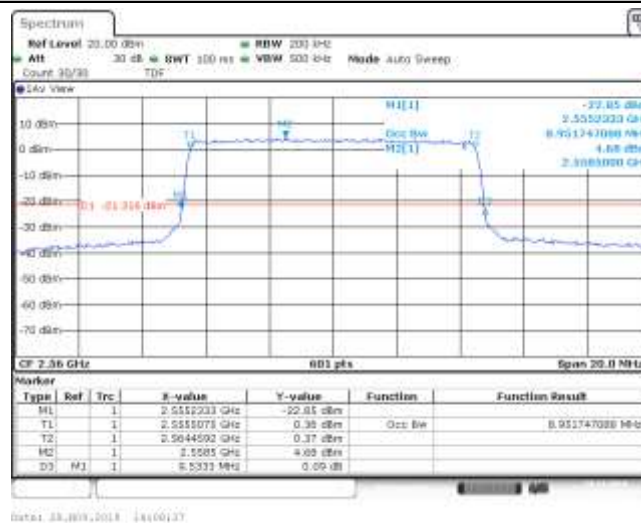

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Band41_10MHz_QPSK_41190_50RB#0



Band41_10MHz_16QAM_40290_50RB#0



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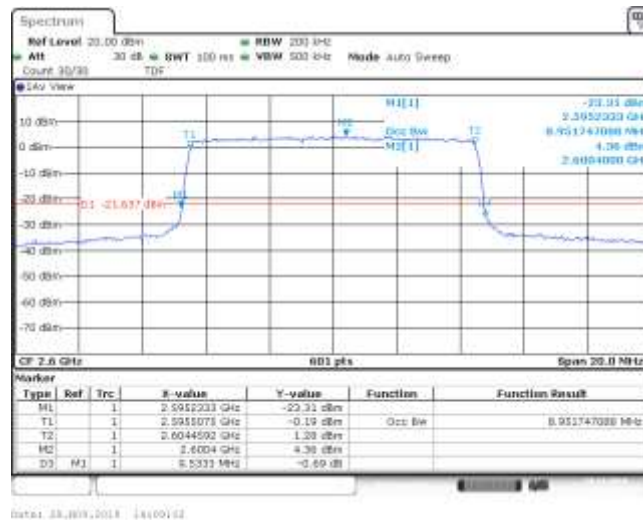
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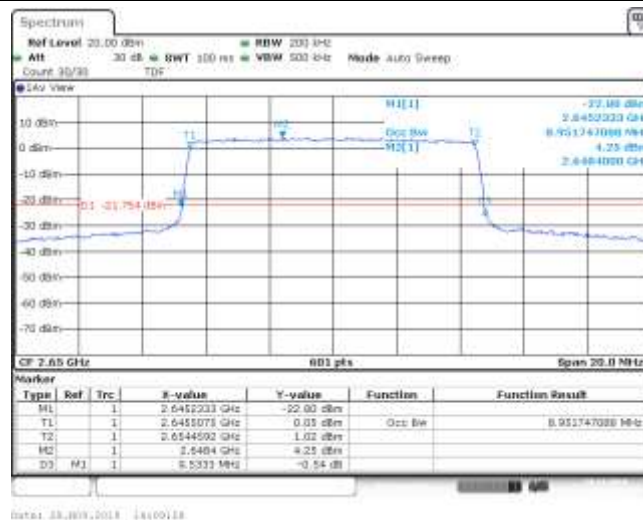
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Band41_10MHz_16QAM_40690_50RB#0



Band41_10MHz_16QAM_41190_50RB#0



Band41_15MHz_QPSK_40315_75RB#0

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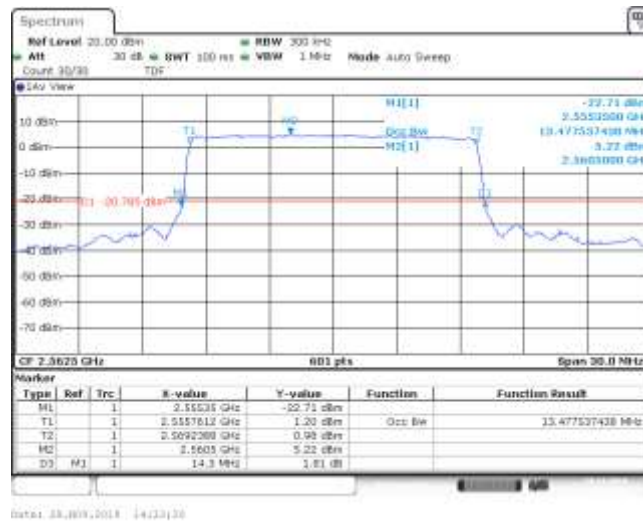
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Fax: (86)755-27521011

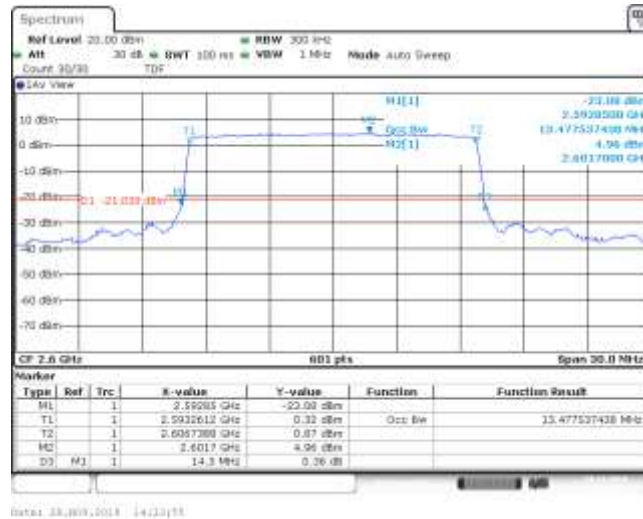
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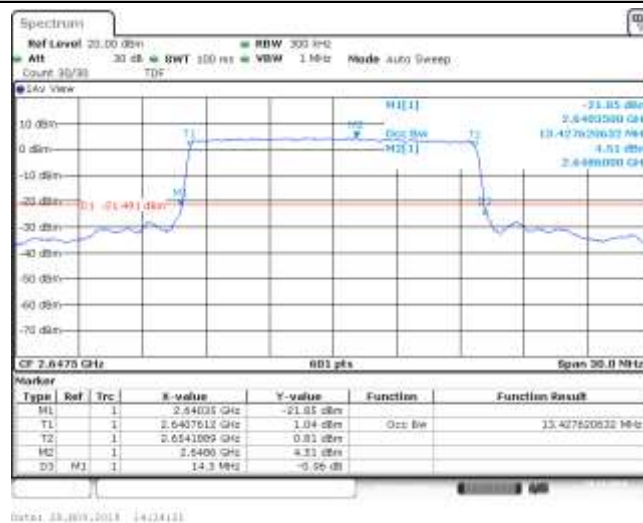
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Band41_15MHz_QPSK_41165_75RB#0



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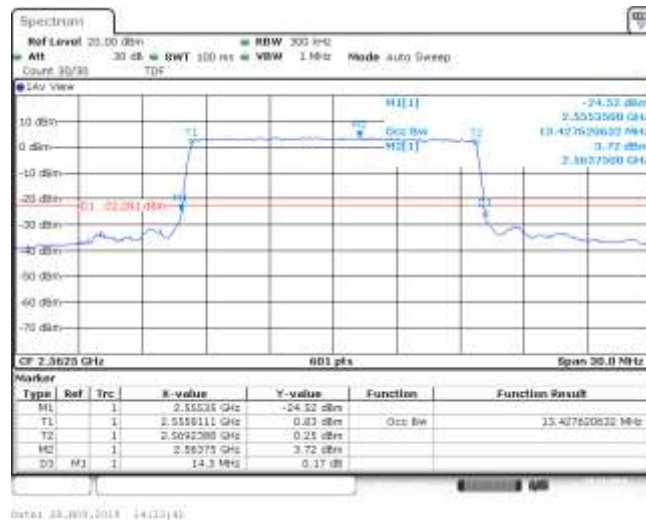
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Tel.: (86)755-27521059

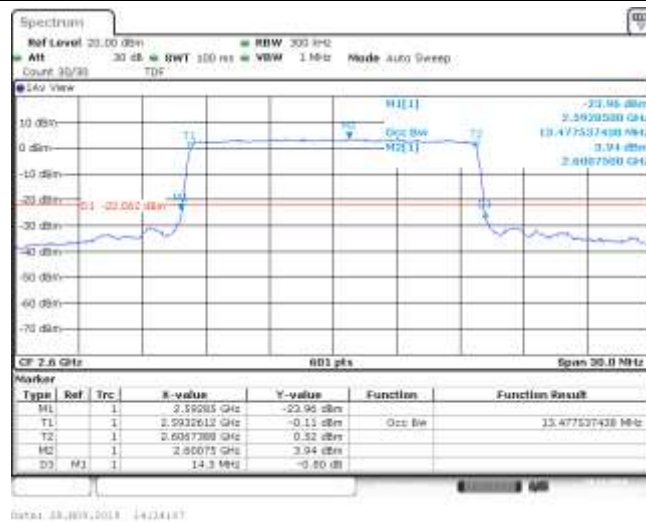
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Band41_15MHz_16QAM_40315_75RB#0



Band41_15MHz_16QAM_40690_75RB#0



Band41_15MHz_16QAM_41165_75RB#0

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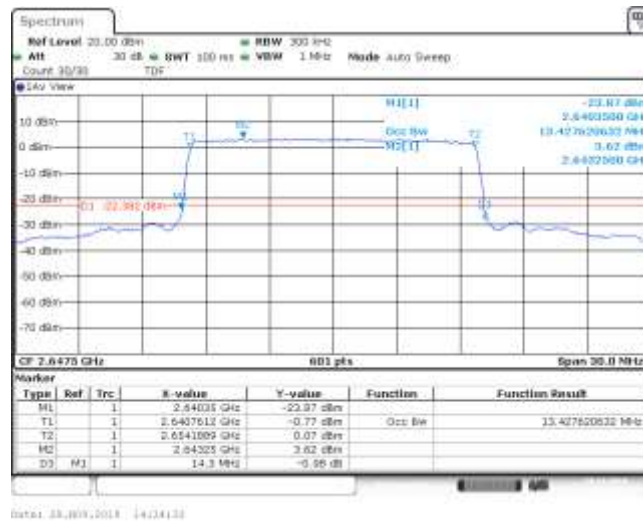
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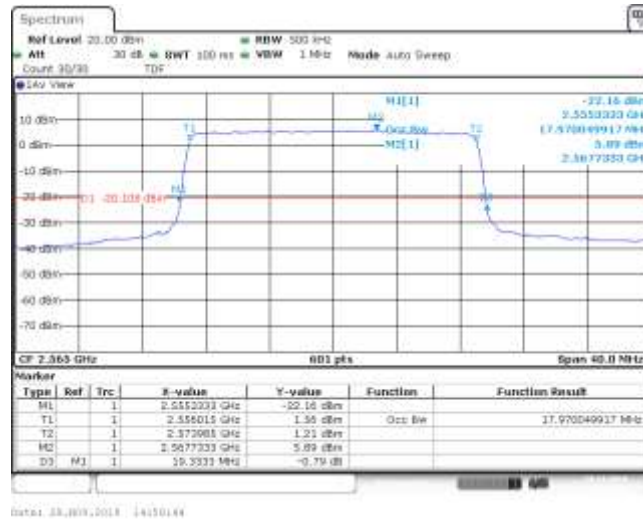
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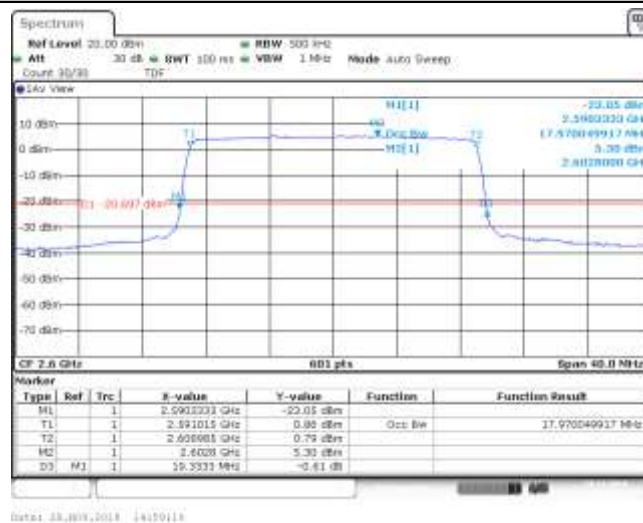

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Band41_20MHz_QPSK_40340_100RB#0



Band41_20MHz_QPSK_40690_100RB#0



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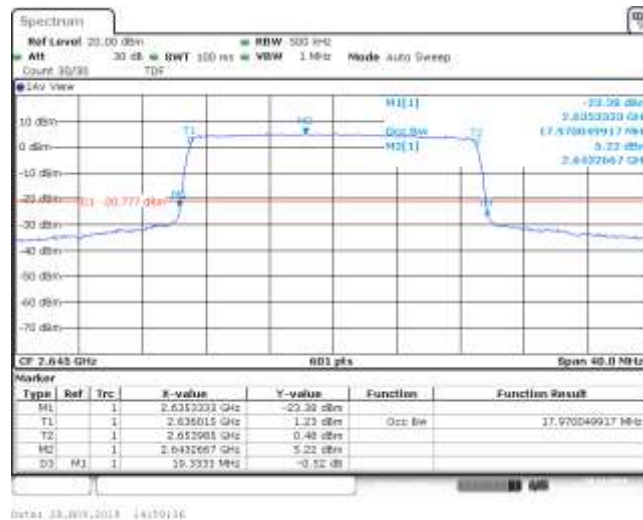
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Tel.: (86)755-27521059

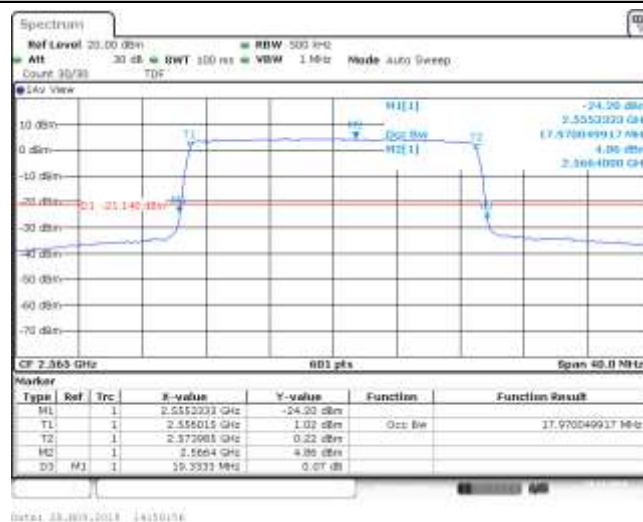
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Band41_20MHz_QPSK_41140_100RB#0



Band41_20MHz_16QAM_40340_100RB#0



Band41_20MHz_16QAM_40690_100RB#0

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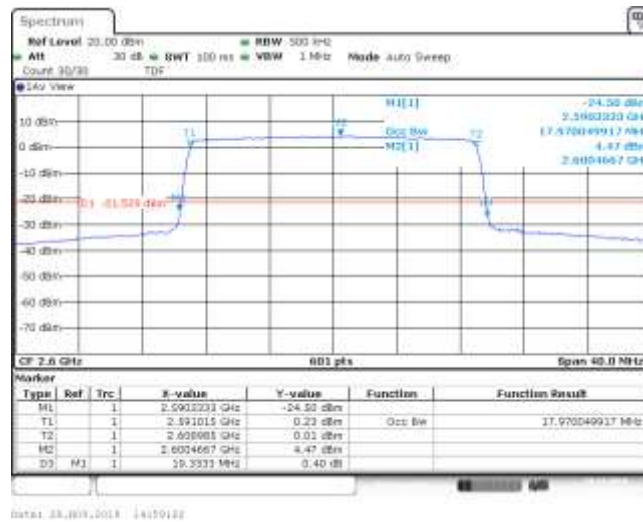
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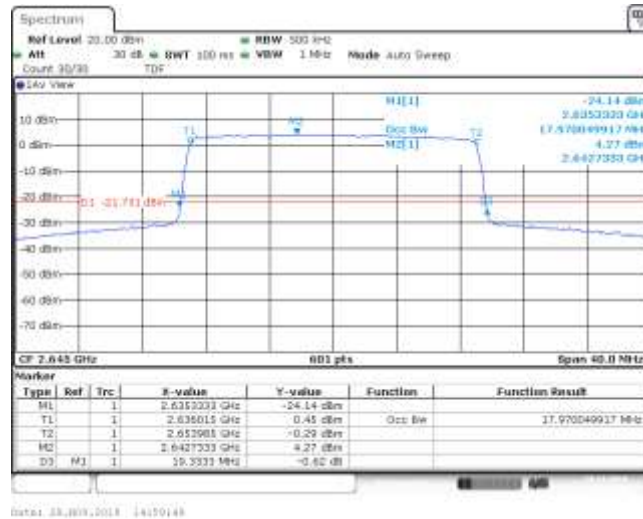


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Band41_20MHz_16QAM_4140_100RB#0



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Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	40265	1RB#0	-52.10,-51.97,-52.38	PASS
Band41	5MHz	QPSK	40265	1RB#12	-52.26,-52.73,-52.03	PASS
Band41	5MHz	QPSK	40265	1RB#24	-51.50,-52.12,-52.52	PASS
Band41	5MHz	QPSK	40265	25RB#0	-52.38,-52.41,-52.48	PASS
Band41	5MHz	QPSK	41215	1RB#0	-51.62,-52.17,-51.99	PASS
Band41	5MHz	QPSK	41215	1RB#12	-51.78,-51.95,-51.23	PASS
Band41	5MHz	QPSK	41215	1RB#24	-51.87,-52.00,-51.84	PASS
Band41	5MHz	QPSK	41215	25RB#0	-51.47,-51.92,-51.60	PASS
Band41	5MHz	16QAM	40265	1RB#0	-52.35,-52.48,-51.98	PASS
Band41	5MHz	16QAM	40265	1RB#12	-52.37,-52.20,-53.03	PASS
Band41	5MHz	16QAM	40265	1RB#24	-51.90,-52.56,-52.51	PASS
Band41	5MHz	16QAM	40265	25RB#0	-51.85,-51.66,-52.61	PASS
Band41	5MHz	16QAM	41215	1RB#0	-51.20,-52.74,-51.75	PASS
Band41	5MHz	16QAM	41215	1RB#12	-51.76,-52.07,-51.99	PASS
Band41	5MHz	16QAM	41215	1RB#24	-51.40,-52.06,-51.62	PASS
Band41	5MHz	16QAM	41215	25RB#0	-51.52,-51.37,-51.73	PASS
Band41	10MHz	QPSK	40290	1RB#0	-49.92,-49.72,-50.46	PASS
Band41	10MHz	QPSK	40290	1RB#24	-49.77,-49.96,-50.09	PASS
Band41	10MHz	QPSK	40290	1RB#49	-49.75,-50.28,-50.23	PASS
Band41	10MHz	QPSK	40290	50RB#0	-50.36,-50.09,-50.21	PASS
Band41	10MHz	QPSK	41190	1RB#0	-49.09,-49.37,-49.41	PASS
Band41	10MHz	QPSK	41190	1RB#24	-49.48,-49.16,-49.54	PASS
Band41	10MHz	QPSK	41190	1RB#49	-49.31,-49.30,-49.65	PASS
Band41	10MHz	QPSK	41190	50RB#0	-49.40,-49.73,-49.87	PASS
Band41	10MHz	16QAM	40290	1RB#0	-50.00,-49.98,-49.82	PASS
Band41	10MHz	16QAM	40290	1RB#24	-49.59,-49.60,-50.61	PASS
Band41	10MHz	16QAM	40290	1RB#49	-50.00,-49.28,-49.92	PASS
Band41	10MHz	16QAM	40290	50RB#0	-49.38,-50.05,-50.18	PASS
Band41	10MHz	16QAM	41190	1RB#0	-49.42,-49.86,-49.61	PASS
Band41	10MHz	16QAM	41190	1RB#24	-49.29,-49.73,-49.73	PASS
Band41	10MHz	16QAM	41190	1RB#49	-49.40,-49.21,-49.54	PASS
Band41	10MHz	16QAM	41190	50RB#0	-49.45,-49.58,-49.49	PASS
Band41	15MHz	QPSK	40315	1RB#0	-48.16,-48.47,-48.77	PASS
Band41	15MHz	QPSK	40315	1RB#38	-48.22,-48.13,-48.77	PASS

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Band41	15MHz	QPSK	40315	1RB#74	-48.30,-48.16,-48.73	PASS
Band41	15MHz	QPSK	40315	75RB#0	-48.38,-48.45,-48.39	PASS
Band41	15MHz	QPSK	41165	1RB#0	-47.76,-47.95,-47.48	PASS
Band41	15MHz	QPSK	41165	1RB#38	-47.75,-47.92,-47.93	PASS
Band41	15MHz	QPSK	41165	1RB#74	-47.68,-47.74,-47.93	PASS
Band41	15MHz	QPSK	41165	75RB#0	-47.67,-47.59,-46.73	PASS
Band41	15MHz	16QAM	40315	1RB#0	-48.09,-48.54,-48.53	PASS
Band41	15MHz	16QAM	40315	1RB#38	-48.51,-48.29,-48.15	PASS
Band41	15MHz	16QAM	40315	1RB#74	-48.15,-48.31,-48.80	PASS
Band41	15MHz	16QAM	40315	75RB#0	-48.39,-48.52,-48.54	PASS
Band41	15MHz	16QAM	41165	1RB#0	-47.74,-47.90,-48.00	PASS
Band41	15MHz	16QAM	41165	1RB#38	-47.81,-47.91,-47.82	PASS
Band41	15MHz	16QAM	41165	1RB#74	-47.89,-47.74,-47.73	PASS
Band41	15MHz	16QAM	41165	75RB#0	-47.68,-47.60,-47.45	PASS
Band41	20MHz	QPSK	40340	1RB#0	-46.45,-46.66,-46.51	PASS
Band41	20MHz	QPSK	40340	1RB#49	-46.56,-46.49,-46.90	PASS
Band41	20MHz	QPSK	40340	1RB#99	-46.56,-46.67,-46.70	PASS
Band41	20MHz	QPSK	40340	100RB#0	-46.50,-46.18,-46.36	PASS
Band41	20MHz	QPSK	41140	1RB#0	-46.06,-45.84,-46.19	PASS
Band41	20MHz	QPSK	41140	1RB#49	-46.02,-46.16,-46.37	PASS
Band41	20MHz	QPSK	41140	1RB#99	-46.17,-46.00,-46.12	PASS
Band41	20MHz	QPSK	41140	100RB#0	-45.80,-45.20,-45.08	PASS
Band41	20MHz	16QAM	40340	1RB#0	-46.60,-46.62,-46.80	PASS
Band41	20MHz	16QAM	40340	1RB#49	-46.59,-46.86,-46.71	PASS
Band41	20MHz	16QAM	40340	1RB#99	-46.74,-46.27,-46.90	PASS
Band41	20MHz	16QAM	40340	100RB#0	-46.72,-46.52,-46.80	PASS
Band41	20MHz	16QAM	41140	1RB#0	-45.75,-45.98,-46.13	PASS
Band41	20MHz	16QAM	41140	1RB#49	-46.04,-45.87,-46.32	PASS
Band41	20MHz	16QAM	41140	1RB#99	-46.13,-45.88,-45.32	PASS
Band41	20MHz	16QAM	41140	100RB#0	-45.94,-45.49,-45.35	PASS

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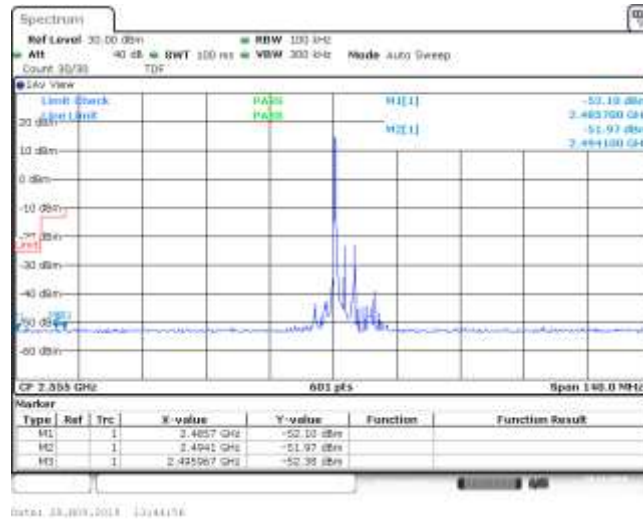
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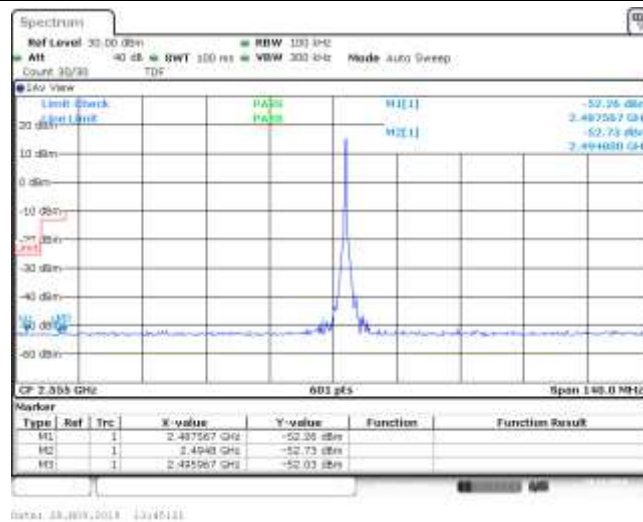
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Test Graphs

Band41_5MHz_QPSK_40265_1RB#0



Band41_5MHz_QPSK_40265_1RB#12



Band41_5MHz_QPSK_40265_1RB#24

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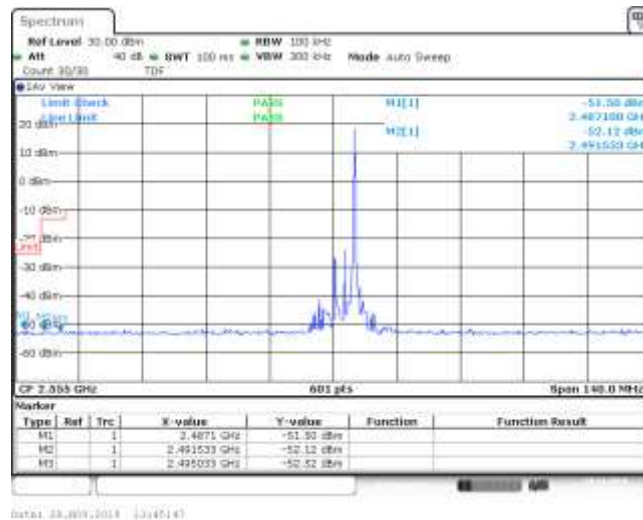
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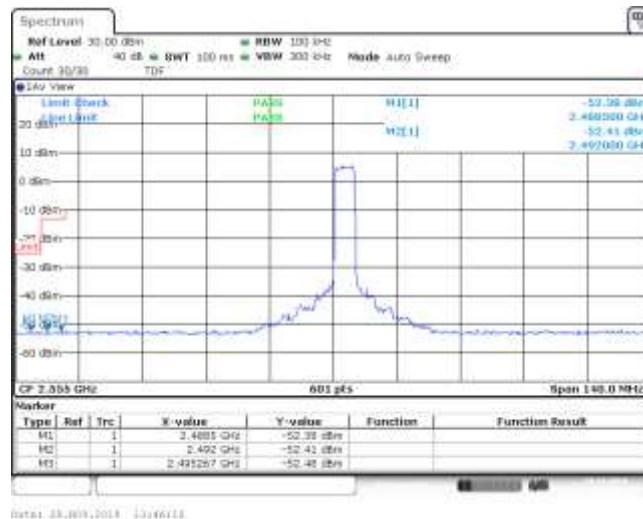
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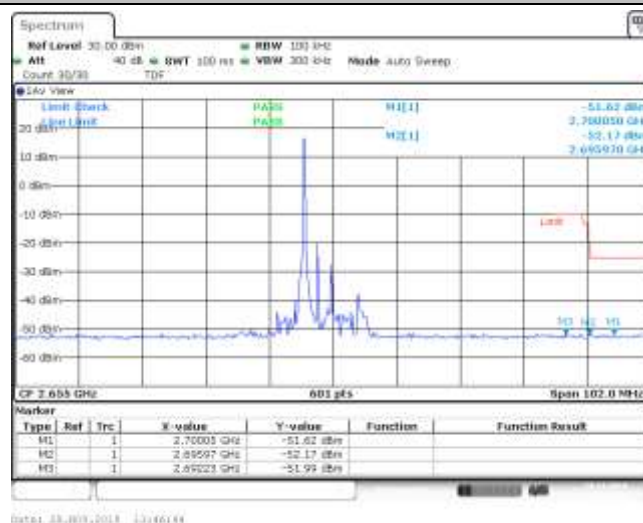
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Band41_5MHz_QPSK_40265_25RB#0



Band41_5MHz_QPSK_41215_1RB#0



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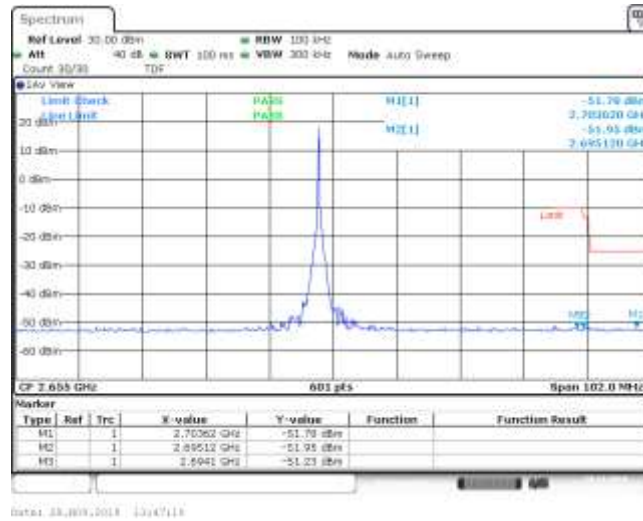
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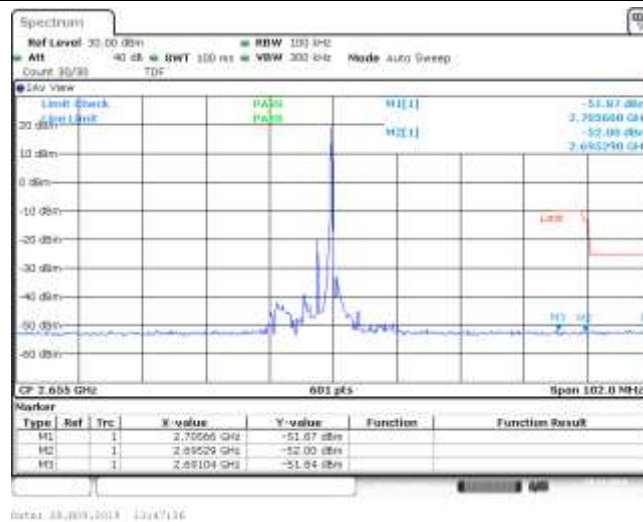
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Band41_5MHz_QPSK_41215_1RB#24



Band41_5MHz_QPSK_41215_25RB#0

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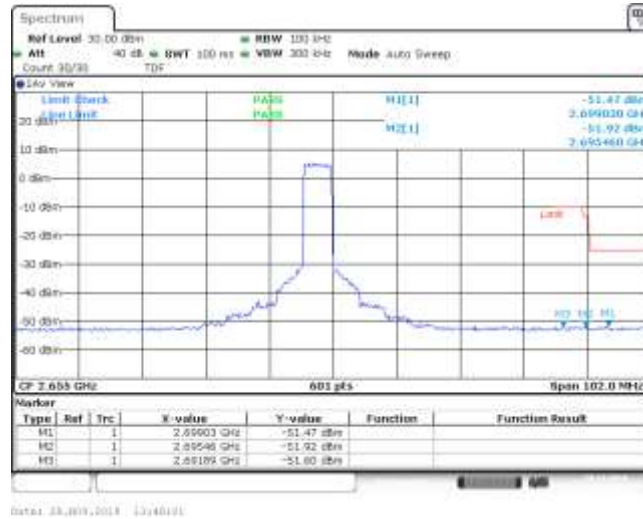
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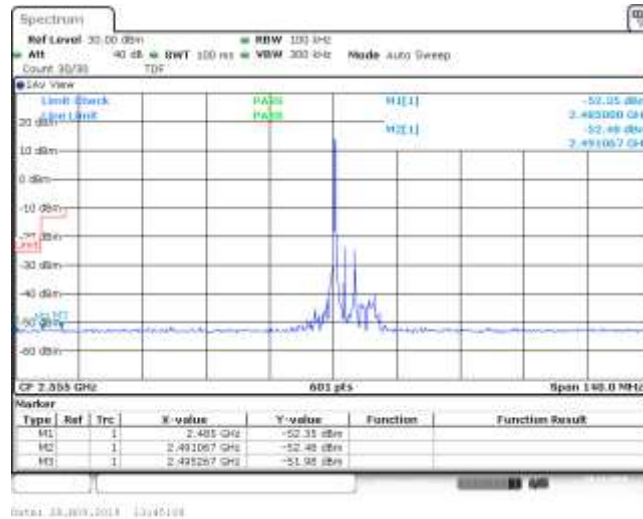
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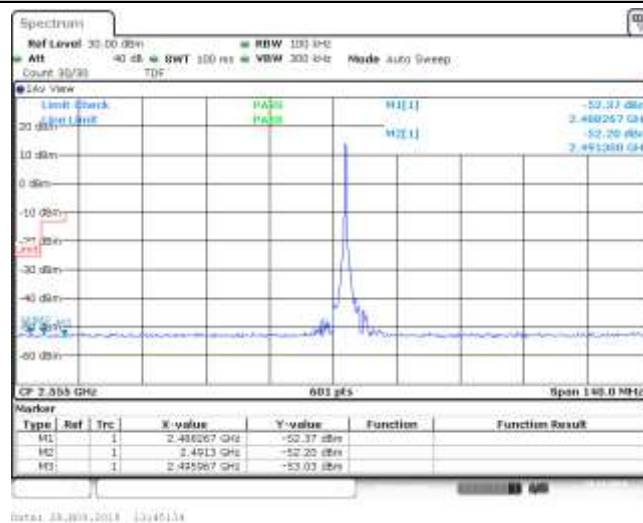

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Band41_5MHz_16QAM_40265_1RB#0



Band41_5MHz_16QAM_40265_1RB#12



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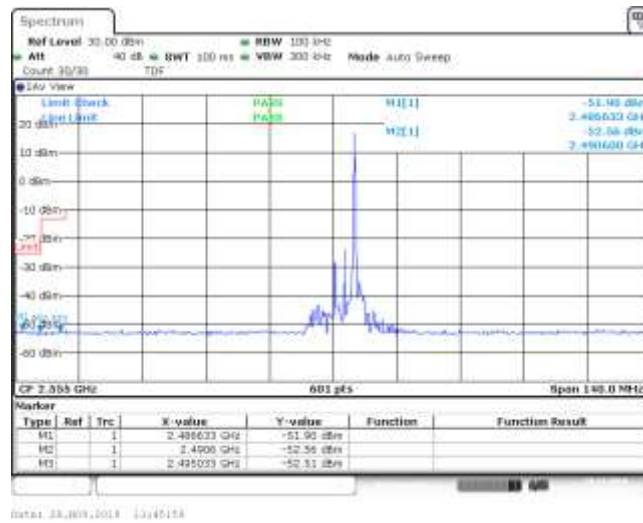
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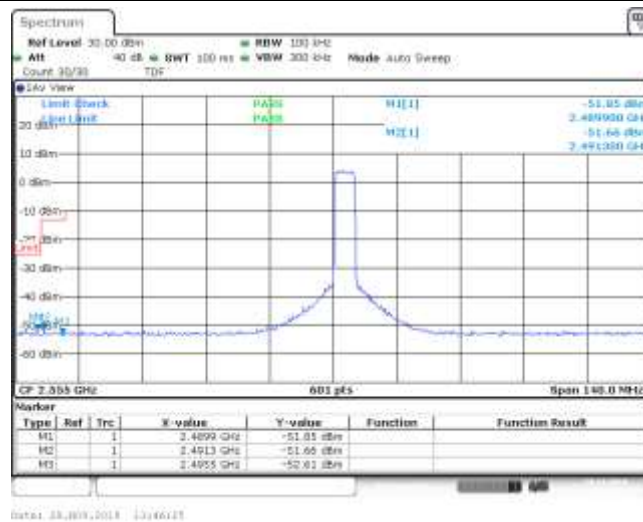
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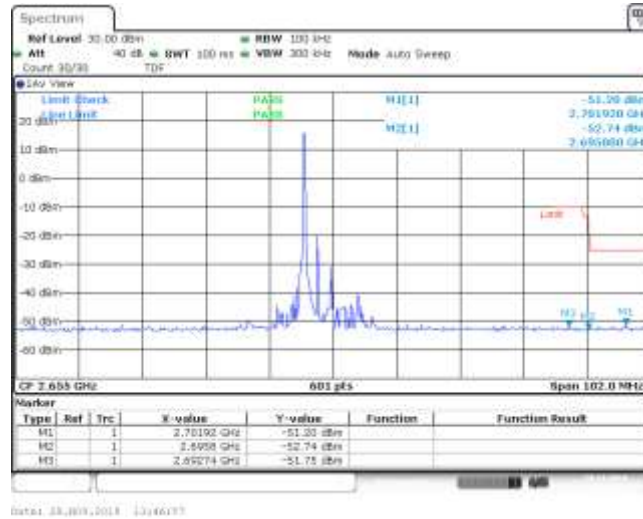
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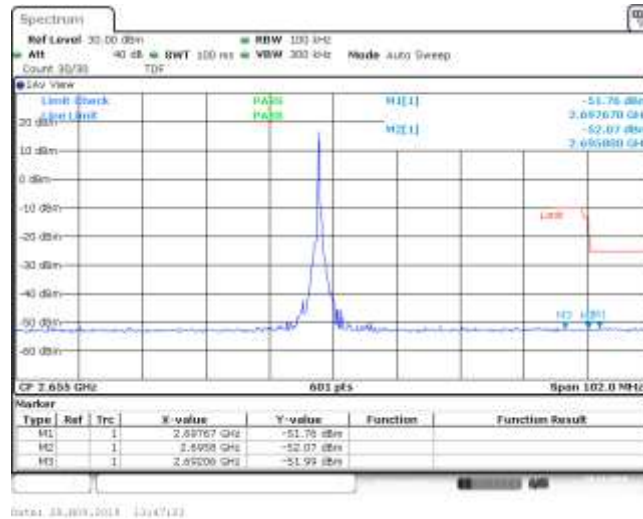
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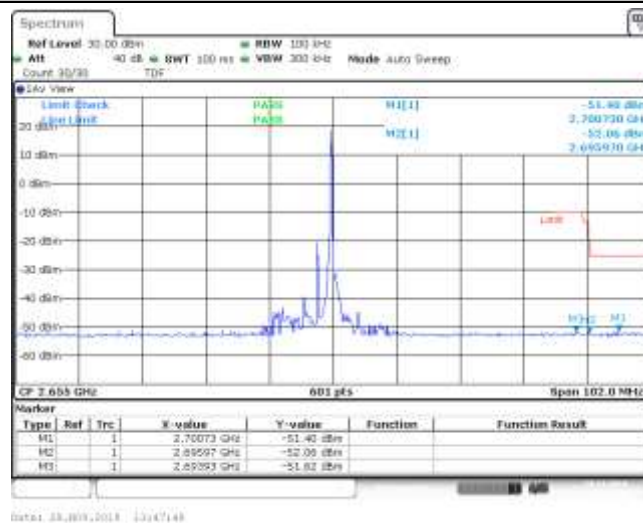

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Band41_5MHz_16QAM_41215_1RB#12



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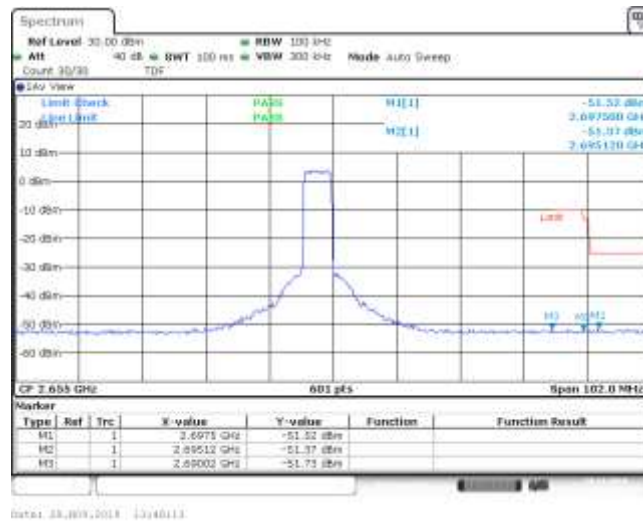
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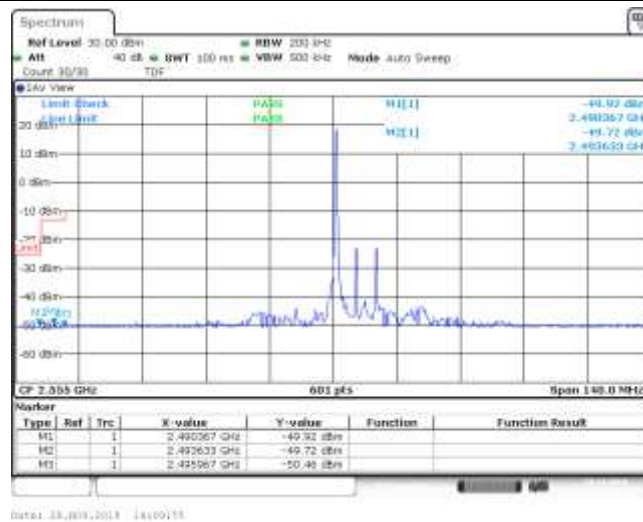
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Band41_5MHz_16QAM_41215_25RB#0



Band41_10MHz_QPSK_40290_1RB#0



Band41_10MHz_QPSK_40290_1RB#24

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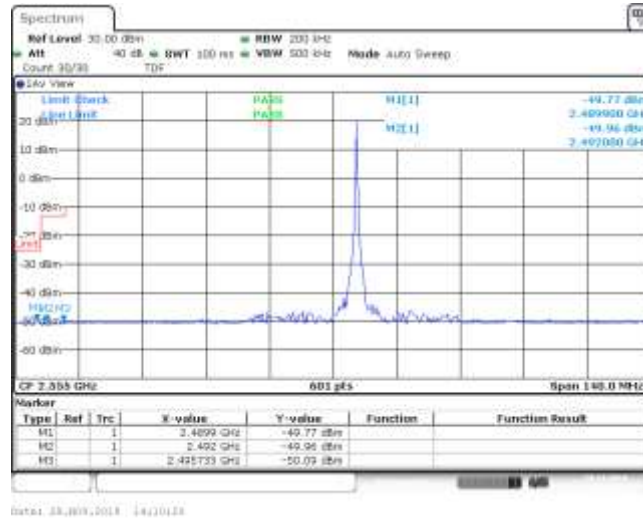
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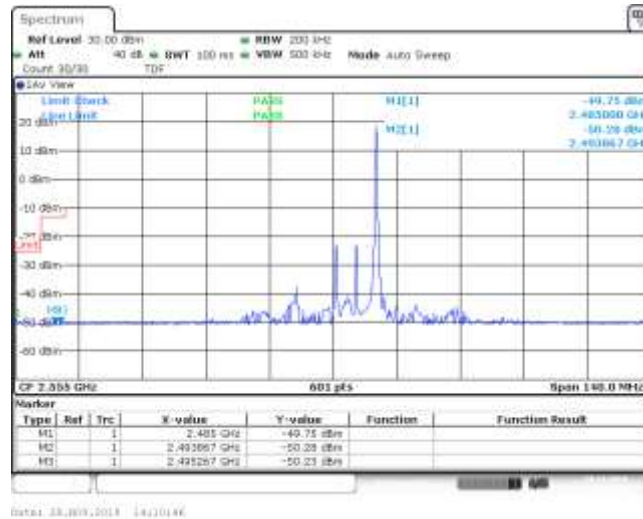
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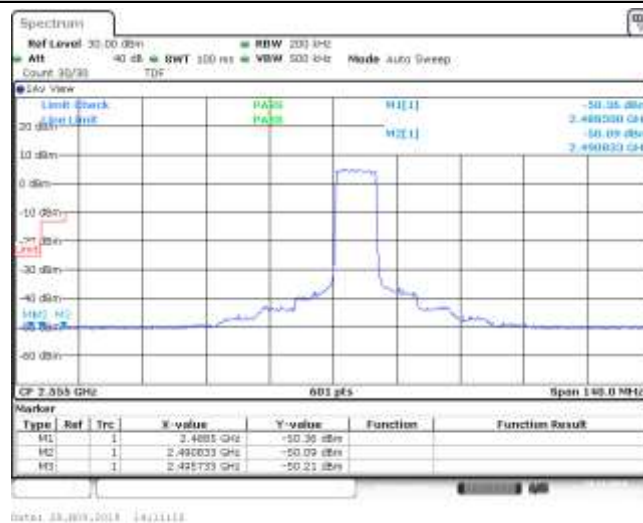

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Band41_10MHz_QPSK_40290_1RB#49



Band41_10MHz_QPSK_40290_50RB#0



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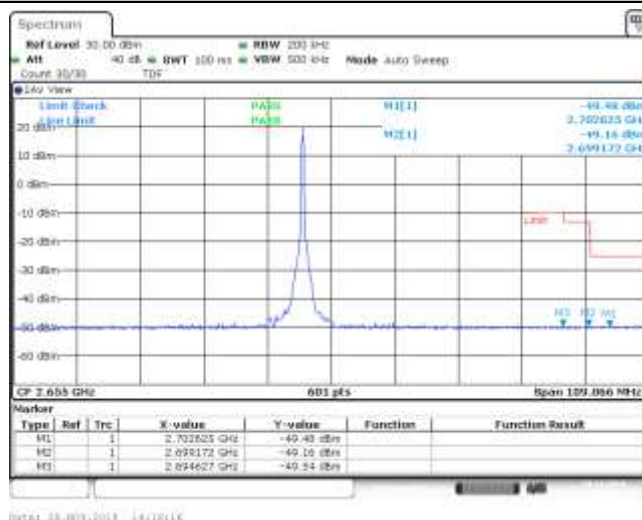
Fax: (86)755-27521011

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

Band41_10MHz_QPSK_41190_1RB#0



Band41_10MHz_QPSK_41190_1RB#24



Band41_10MHz_QPSK_41190_1RB#49

CTC Laboratories, Inc.

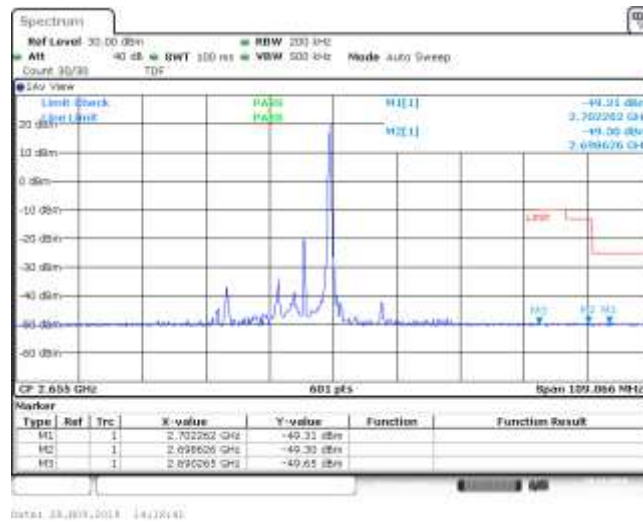
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

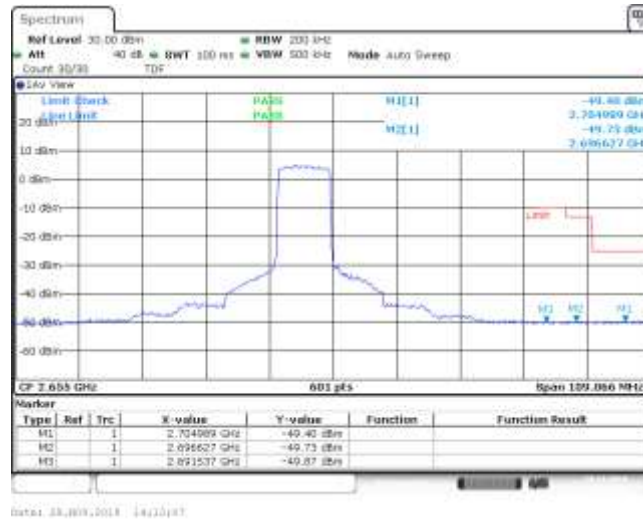
Fax: (86)755-27521011

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

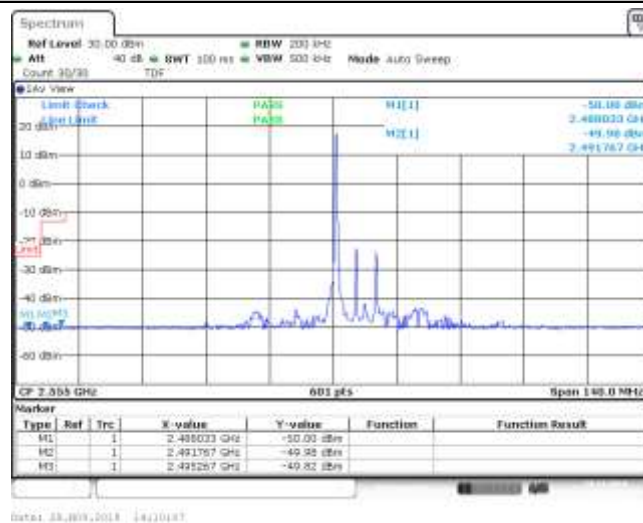

For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : [yz.cnca.cn](http://www.cnca.cn)



Band41_10MHz_QPSK_41190_50RB#0



Band41_10MHz_16QAM_40290_1RB#0



CTC Laboratories, Inc.

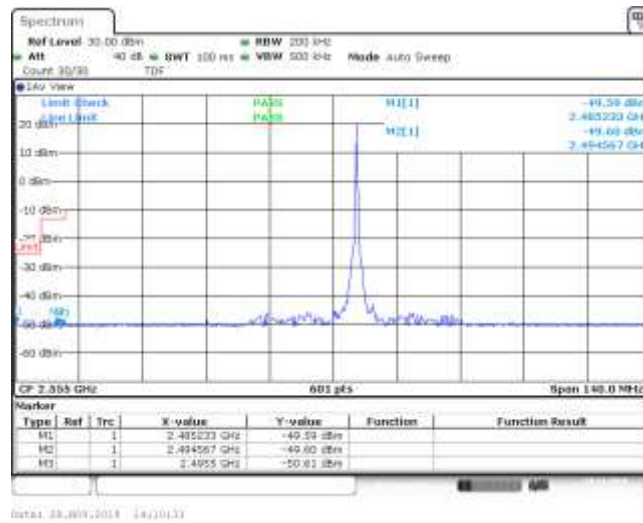
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

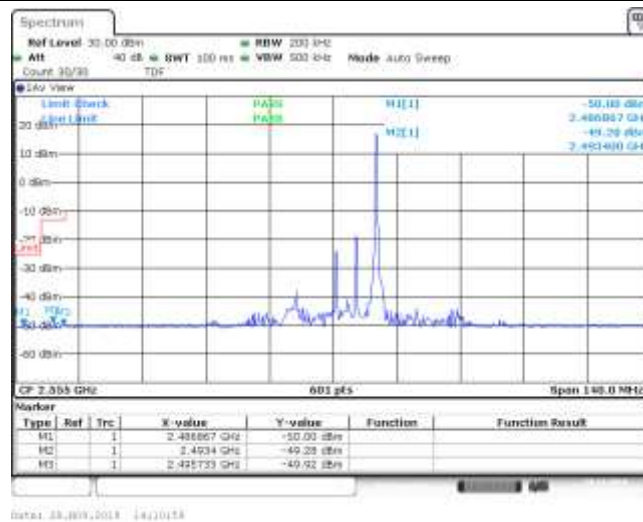
Fax: (86)755-27521011

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

Band41_10MHz_16QAM_40290_1RB#24



Band41_10MHz_16QAM_40290_1RB#49



Band41_10MHz_16QAM_40290_50RB#0

CTC Laboratories, Inc.

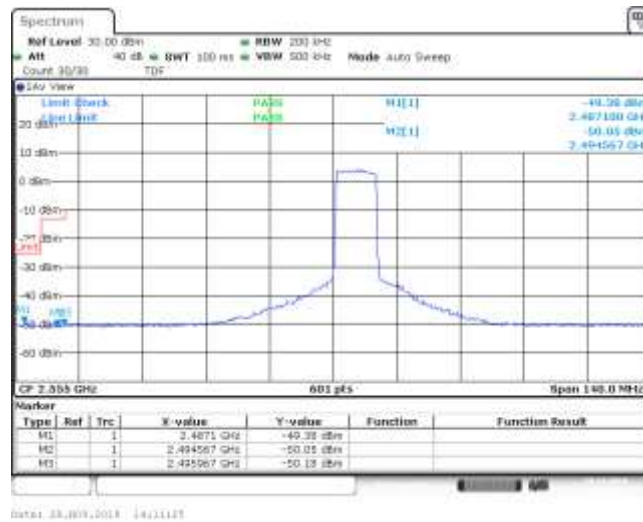
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Tel.: (86)755-27521059

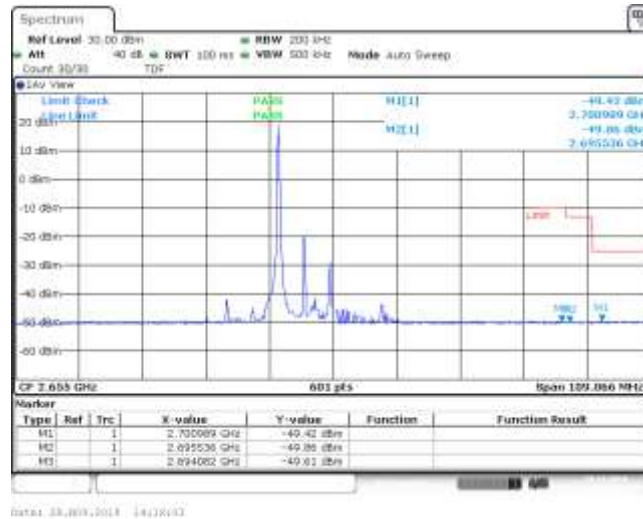
Fax: (86)755-27521011

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

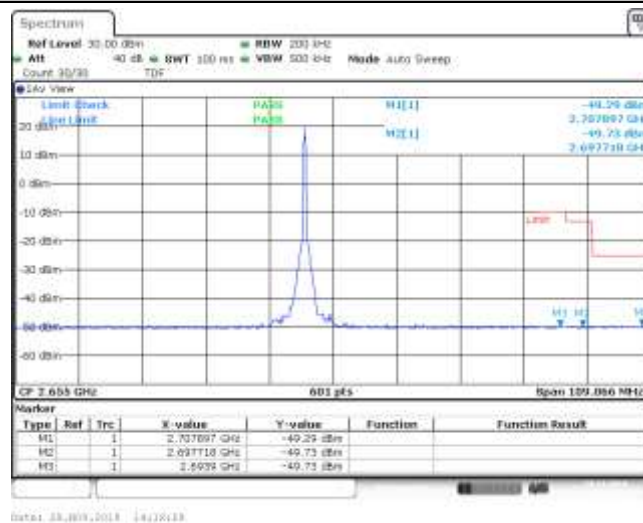

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Band41_10MHz_16QAM_41190_1RB#0



Band41_10MHz_16QAM_41190_1RB#24



CTC Laboratories, Inc.

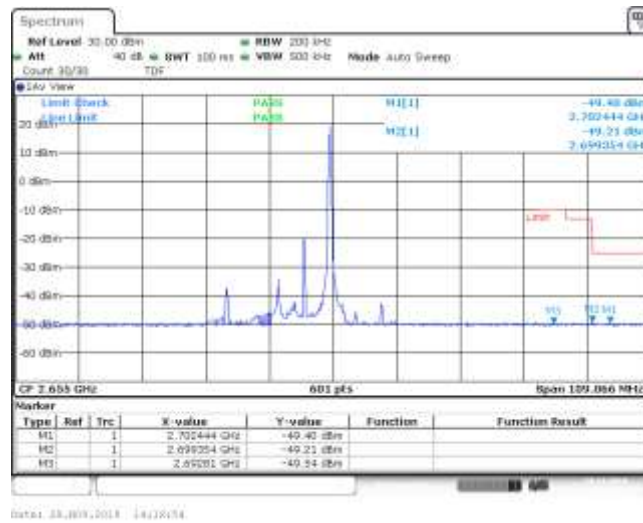
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Tel.: (86)755-27521059

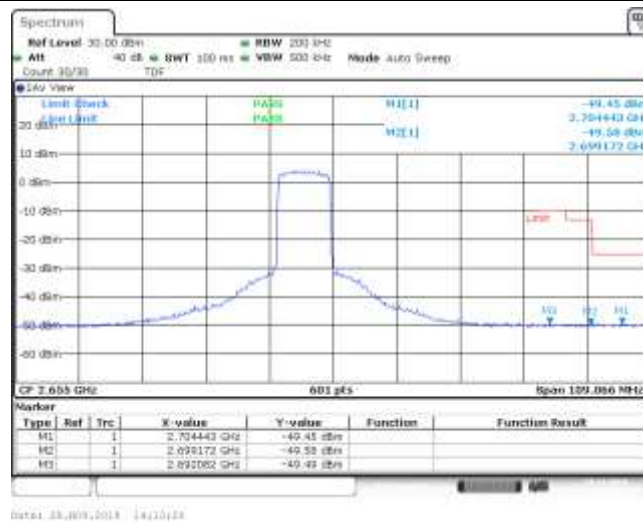
Fax: (86)755-27521011

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Band41_10MHz_16QAM_41190_1RB#49



Band41_10MHz_16QAM_41190_50RB#0



Band41_15MHz_QPSK_40315_1RB#0

CTC Laboratories, Inc.

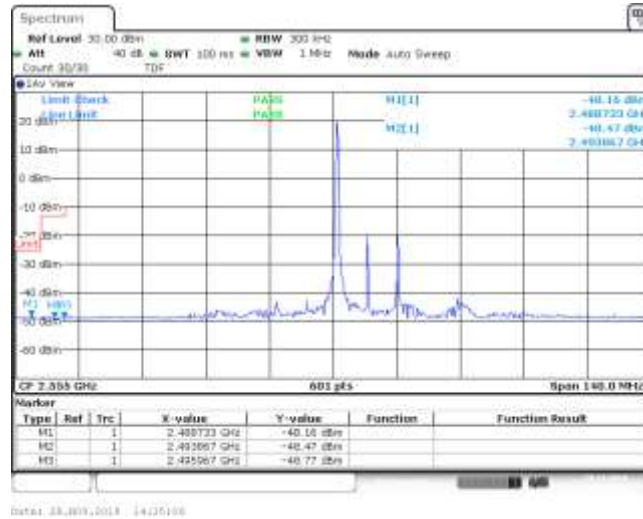
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Tel.: (86)755-27521059

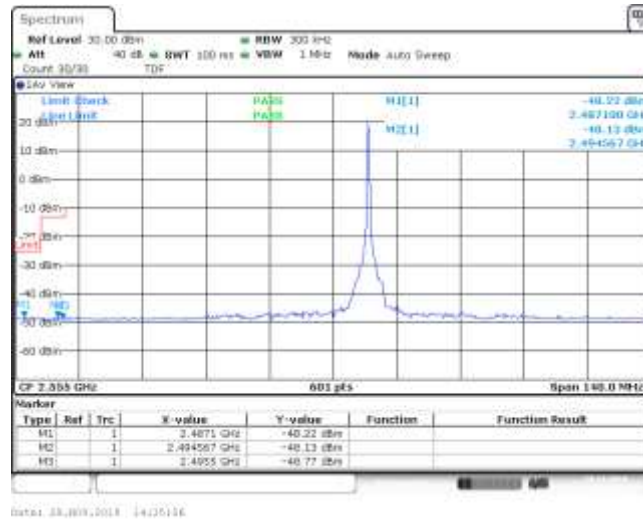
Fax: (86)755-27521011

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

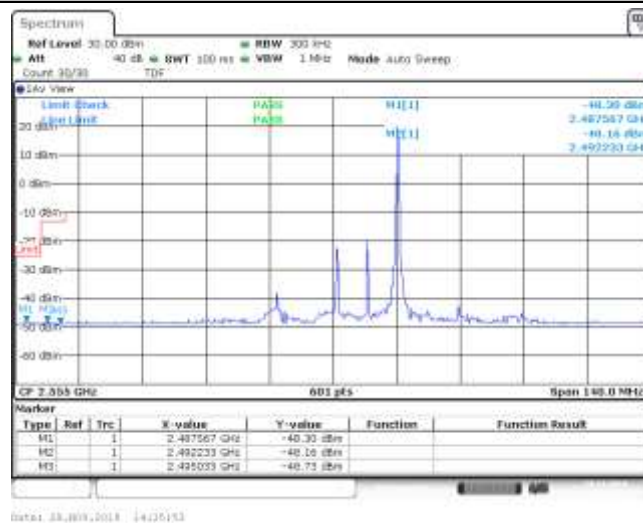

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Band41_15MHz_QPSK_40315_1RB#38



Band41_15MHz_QPSK_40315_1RB#74



CTC Laboratories, Inc.

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

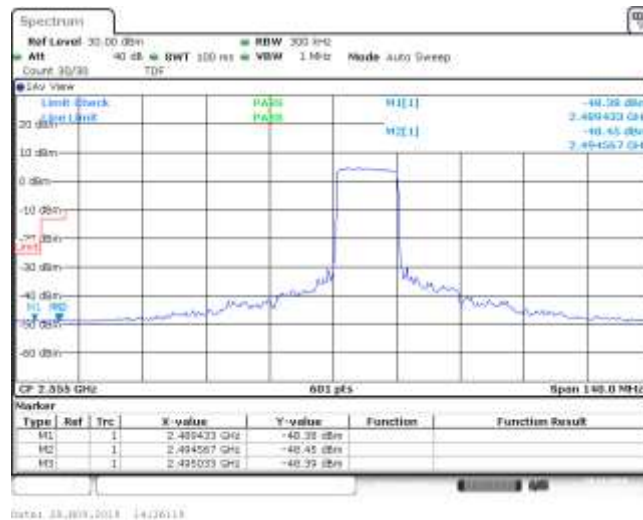
Tel.: (86)755-27521059

Fax: (86)755-27521011

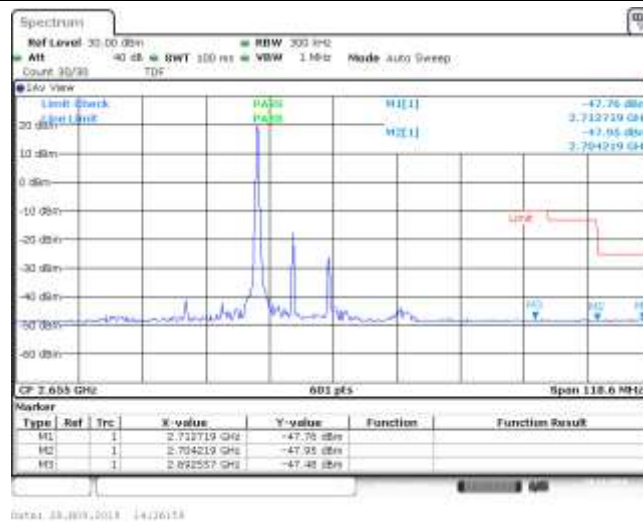
Http://www.sz-ctc.org.cn


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Band41_15MHz_QPSK_40315_75RB#0



Band41_15MHz_QPSK_41165_1RB#0



Band41_15MHz_QPSK_41165_1RB#38

CTC Laboratories, Inc.

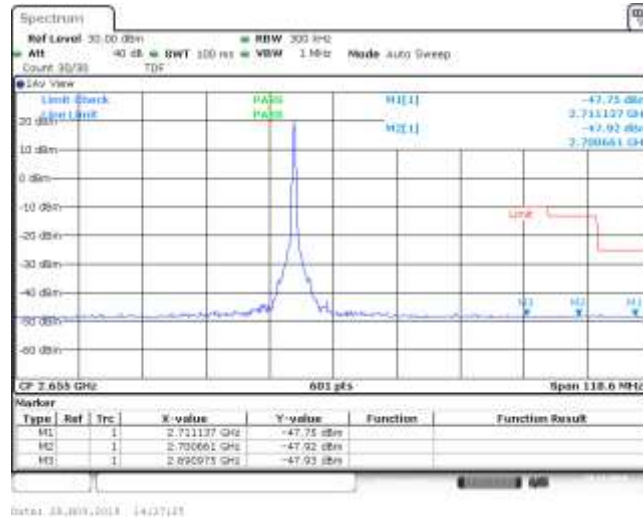
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

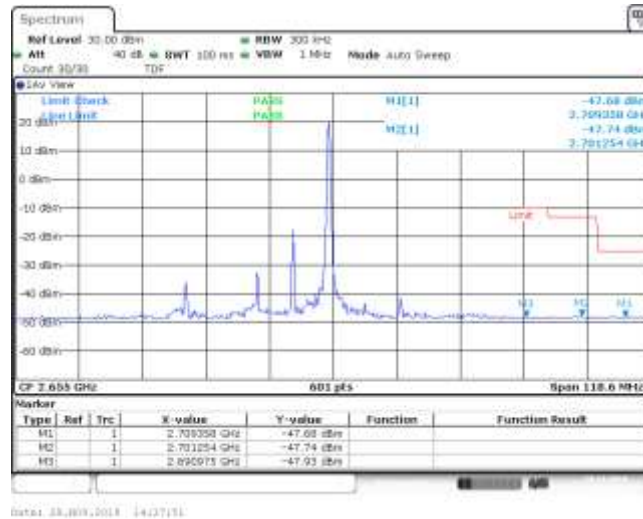
Fax: (86)755-27521011

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

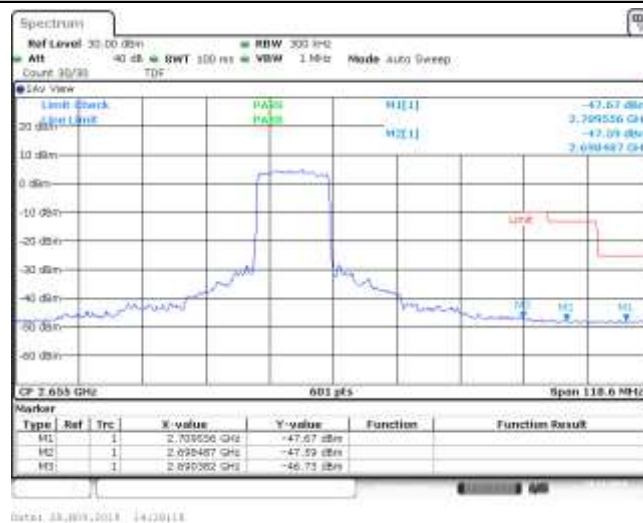

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Band41_15MHz_QPSK_41165_1RB#74



Band41_15MHz_QPSK_41165_75RB#0



CTC Laboratories, Inc.

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

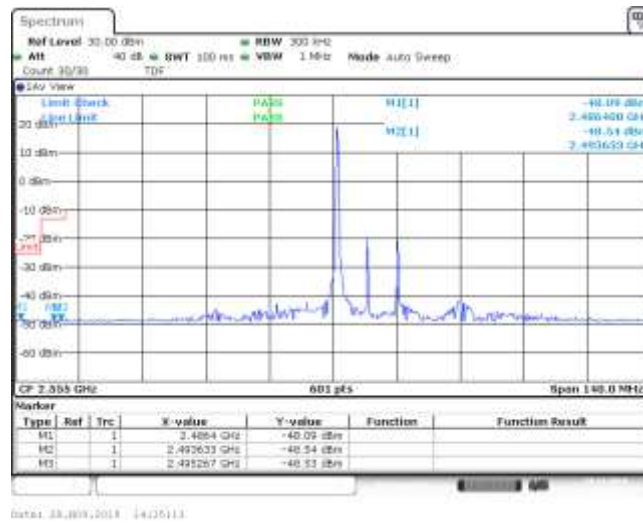
Tel.: (86)755-27521059

Fax: (86)755-27521011

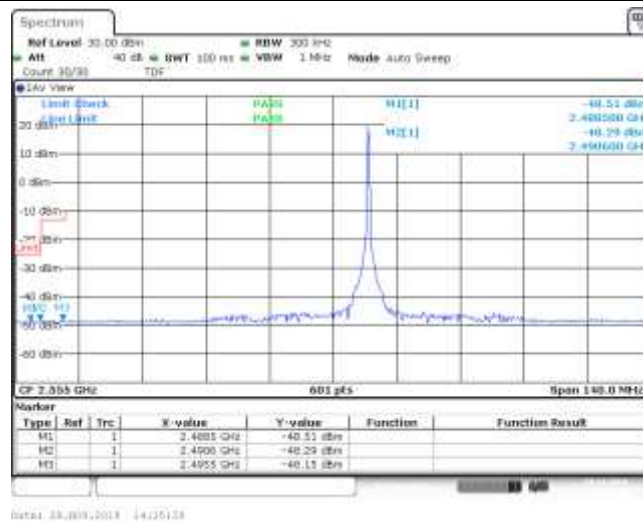
Http://www.sz-ctc.org.cn


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Band41_15MHz_16QAM_40315_1RB#0



Band41_15MHz_16QAM_40315_1RB#38



Band41_15MHz_16QAM_40315_1RB#74

CTC Laboratories, Inc.

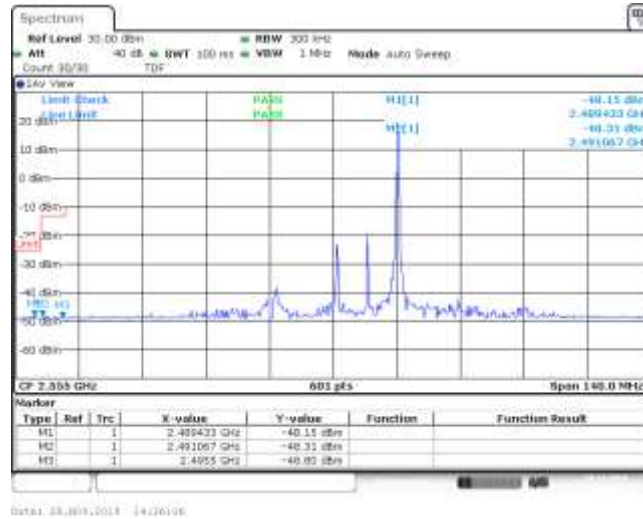
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

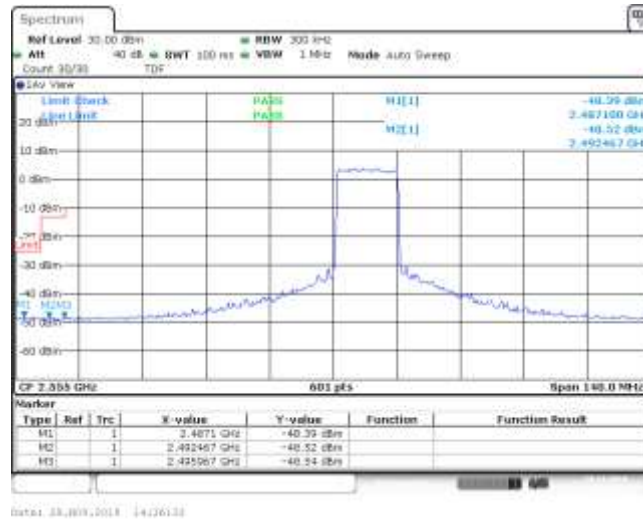
Fax: (86)755-27521011

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

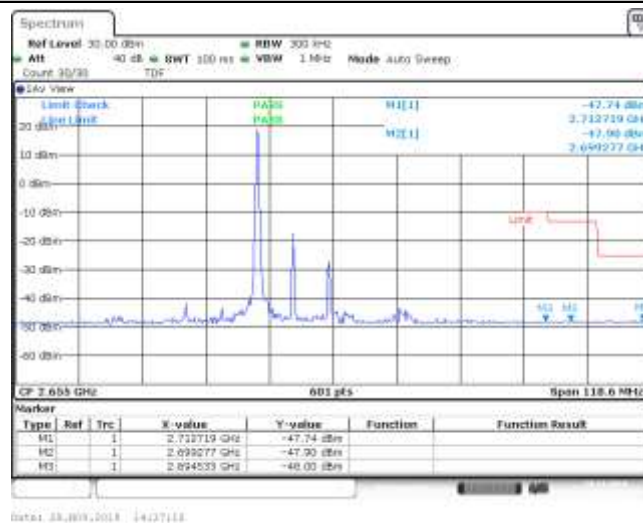

For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



Band41_15MHz_16QAM_40315_75RB#0



Band41_15MHz_16QAM_41165_1RB#0



CTC Laboratories, Inc.

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

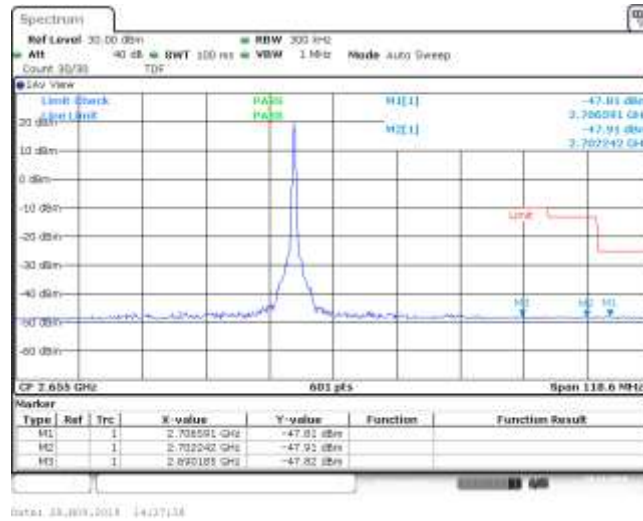
Tel.: (86)755-27521059

Fax: (86)755-27521011

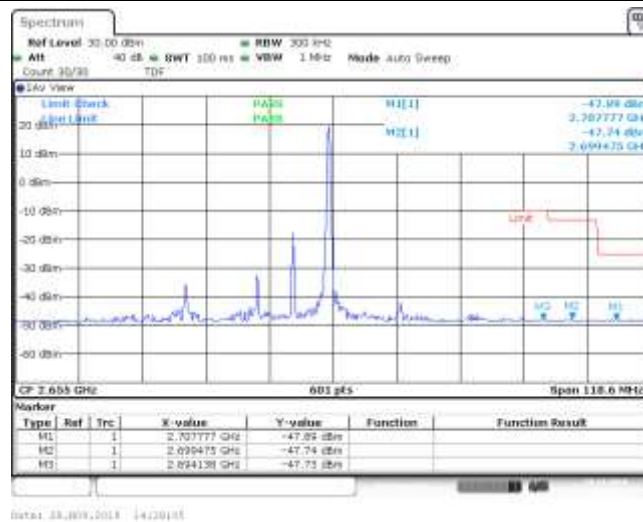
Http://www.sz-ctc.org.cn


For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn

Band41_15MHz_16QAM_41165_1RB#38



Band41_15MHz_16QAM_41165_1RB#74



Band41_15MHz_16QAM_41165_75RB#0

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

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Spectrum

Ref Level: 33.00 dBm RBW: 500 kHz
 Att: -40 dB SMT: 100 ns VBW: 1 MHz Mode: Auto Sweep
 Count: 95/95 TDF

240 View

Limit: 20 dBm
 Ref: 33.00 dBm

dBm

20 dBm
 10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm

GHz

2.400 GHz 2.450 GHz 2.500 GHz

Marker 1: 2.45050 GHz, -46.45 dBm
 Marker 2: 2.45200 GHz, -46.66 dBm
 Marker 3: 2.45700 GHz, -46.93 dBm

CP: 2.355 GHz 603 GHz Span: 1.950 GHz

Marker	Ref	Freq	Y-value	Function	Function Result
M1	1	2.45050 GHz	-46.45 dBm		
M2	1	2.45200 GHz	-46.66 dBm		
M3	1	2.45700 GHz	-46.93 dBm		

Date: 28.09.2018 10:00:18

Spectrum

Ref Level: 32.00 dBm RBW: 500 kHz
 Att: -40 dB SWT: 100 ns VSW: 1.0 dB Mode: AUTO Sweep
 Count: 256/25 TDF

2.45 View

Limit: 20 dBm
 Limit: 0 dBm
 Limit: -10 dBm
 Limit: -20 dBm
 Limit: -30 dBm
 Limit: -40 dBm
 Limit: -50 dBm

Peak 1: 2.455 GHz, -46.55 dBm
 Peak 2: 2.459433 GHz, -46.49 dBm
 Peak 3: 2.459567 GHz, -46.50 dBm

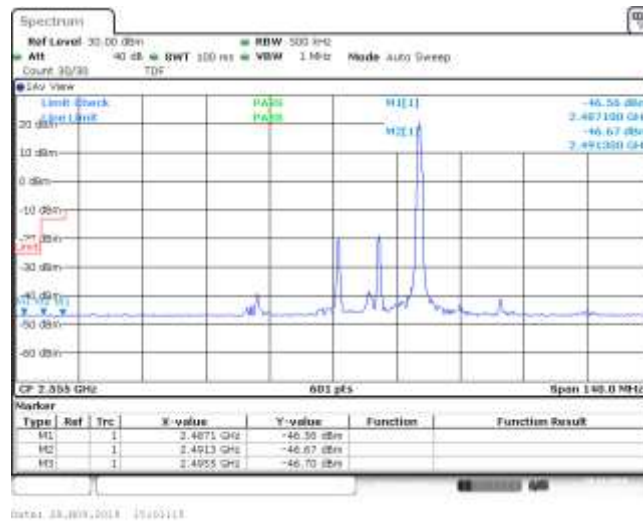
CP: 2.555 GHz 601 pS Span: 1.000 MHz

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1			2.455433 GHz	-46.55 dBm		
M2	1			2.459433 GHz	-46.49 dBm		
M3	1			2.459567 GHz	-46.50 dBm		

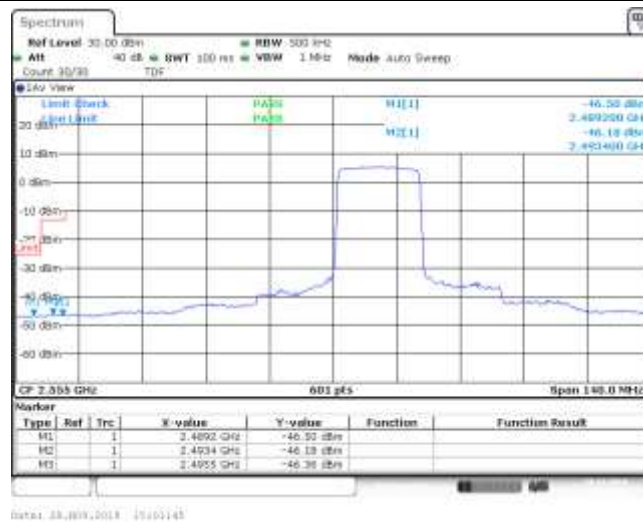
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For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn

Band41_20MHz_QPSK_40340_1RB#99



Band41_20MHz_QPSK_40340_100RB#0



Band41_20MHz_QPSK_41140_1RB#0

CTC Laboratories, Inc.

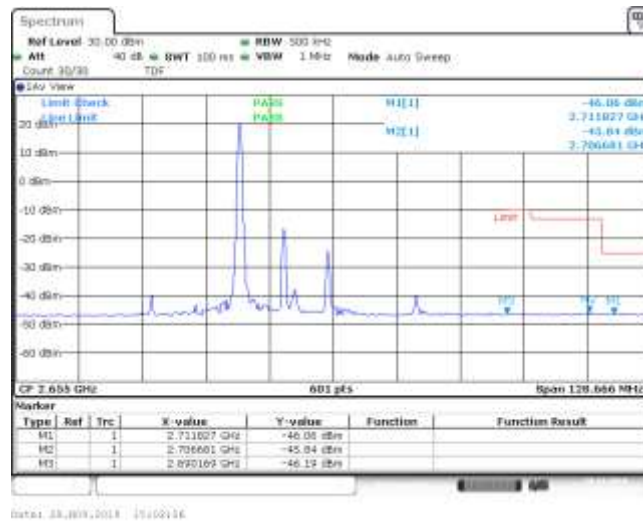
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

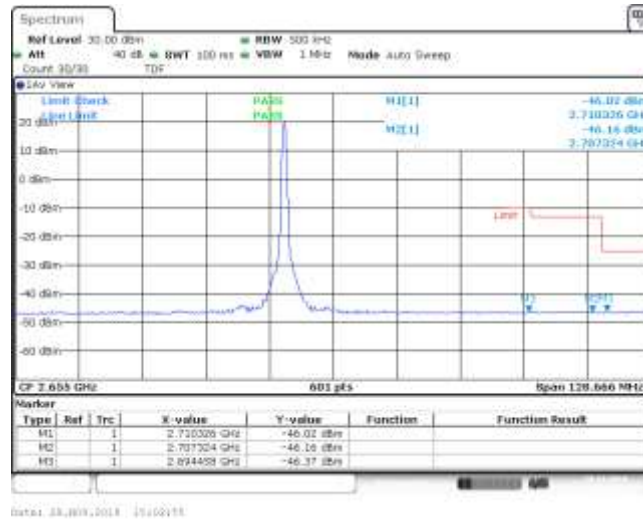
Fax: (86)755-27521011

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

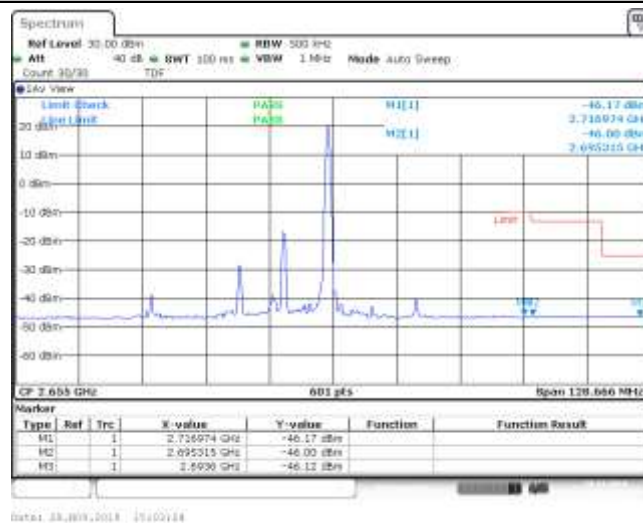

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Band41_20MHz_QPSK_41140_1RB#49



Band41_20MHz_QPSK_41140_1RB#99



CTC Laboratories, Inc.

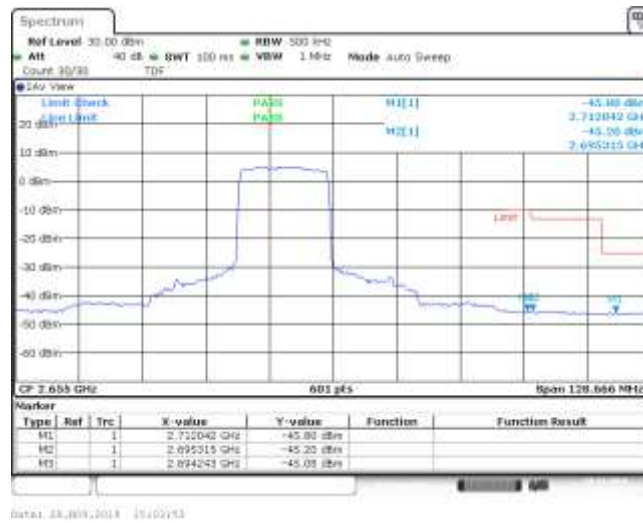
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

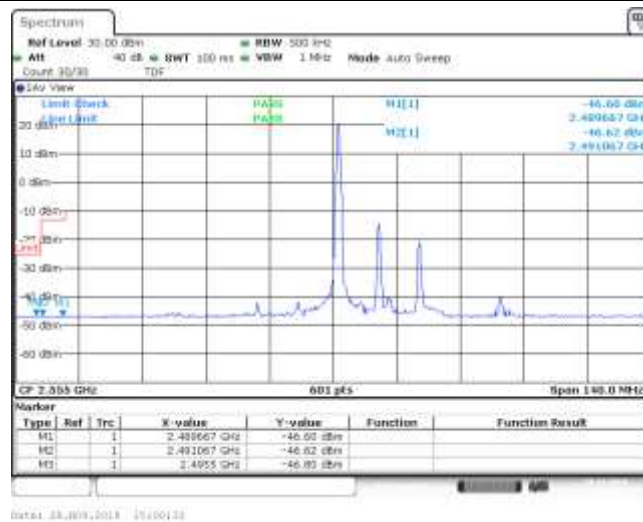
Fax: (86)755-27521011

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Band41_20MHz_QPSK_41140_100RB#0



Band41_20MHz_16QAM_40340_1RB#0



Band41_20MHz_16QAM_40340_1RB#49

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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

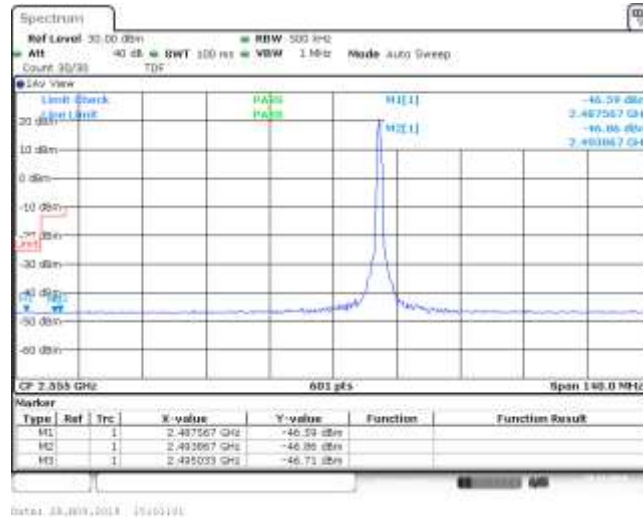
Tel.: (86)755-27521059

Fax: (86)755-27521011

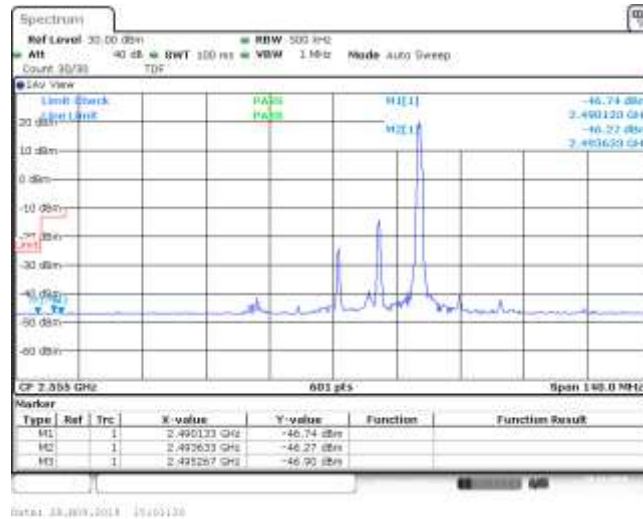
Http://www.sz-ctc.org.cn



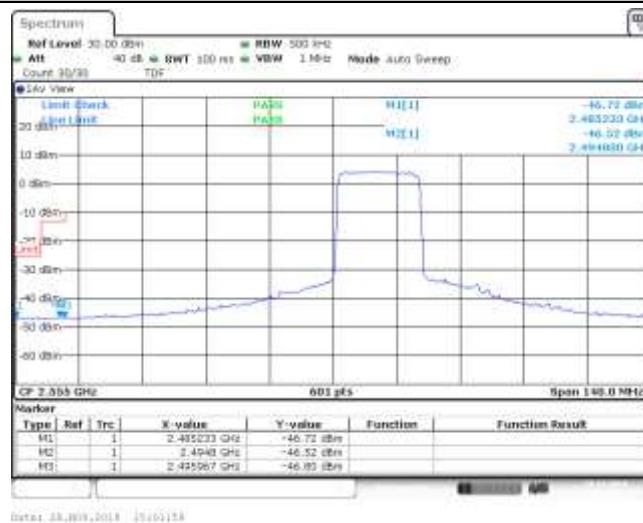
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Band41_20MHz_16QAM_40340_1RB#99



Band41_20MHz_16QAM_40340_100RB#0



CTC Laboratories, Inc.

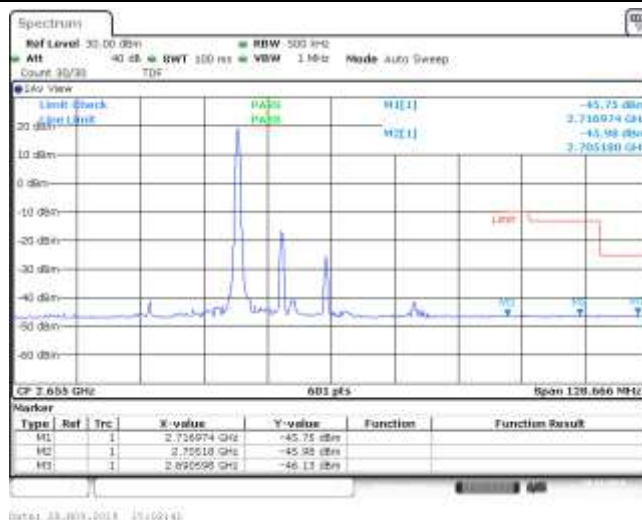
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

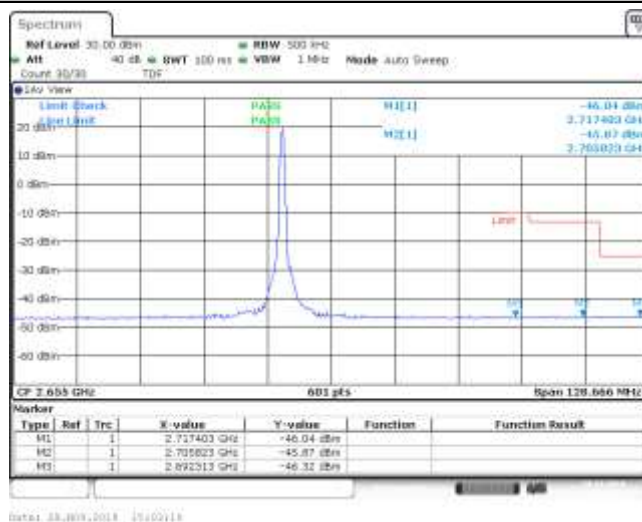
Fax: (86)755-27521011

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Band41_20MHz_16QAM_41140_1RB#0



Band41_20MHz_16QAM_41140_1RB#49



Band41_20MHz_16QAM_41140_1RB#99

CTC Laboratories, Inc.

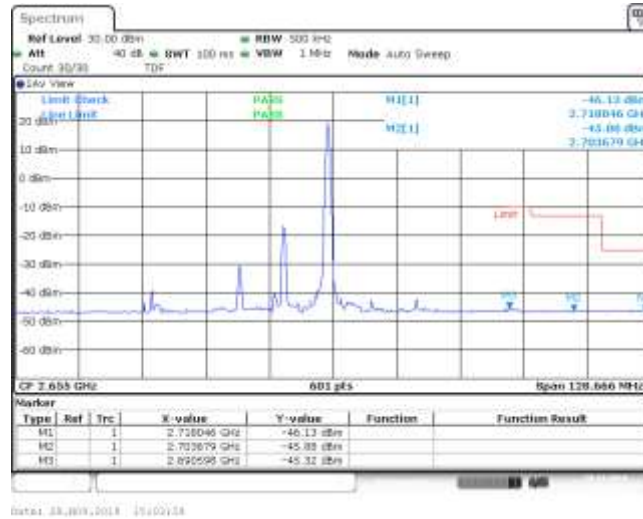
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

Fax: (86)755-27521011

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Band41_20MHz_16QAM_4140_100RB#0



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Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	40265	1RB#0	Range1:0.009~0.15MHz	-67.27	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range2:0.15~30MHz	-61.5	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range3:30~1000MHz	-60.12	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range4:1000~5000MHz	-43.73	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range5:5000~12000MHz	-36.12	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range6:12000~26500MHz	-58.55	PASS
Band41	5MHz	QPSK	40690	1RB#0	Range1:0.009~0.15MHz	-69.83	PASS
Band41	5MHz	QPSK	40690	1RB#0	Range2:0.15~30MHz	-58.68	PASS
Band41	5MHz	QPSK	40690	1RB#0	Range3:30~1000MHz	-60.43	PASS
Band41	5MHz	QPSK	40690	1RB#0	Range4:1000~5000MHz	-43.79	PASS
Band41	5MHz	QPSK	40690	1RB#0	Range5:5000~12000MHz	-39.25	PASS
Band41	5MHz	QPSK	40690	1RB#0	Range6:12000~26500MHz	-58.55	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range1:0.009~0.15MHz	-68.57	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range2:0.15~30MHz	-61.52	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range3:30~1000MHz	-60.03	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range4:1000~5000MHz	-43.88	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range5:5000~12000MHz	-36.3	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range6:12000~26500MHz	-58.57	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range1:0.009~0.15MHz	-67.18	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range2:0.15~30MHz	-56.89	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range3:30~1000MHz	-59.77	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range4:1000~5000MHz	-43.88	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range5:5000~12000MHz	-38.45	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range6:12000~26500MHz	-58.44	PASS
Band41	5MHz	16QAM	40690	1RB#0	Range1:0.009~0.15MHz	-67.78	PASS
Band41	5MHz	16QAM	40690	1RB#0	Range2:0.15~30MHz	-61.94	PASS
Band41	5MHz	16QAM	40690	1RB#0	Range3:30~1000MHz	-60.37	PASS
Band41	5MHz	16QAM	40690	1RB#0	Range4:1000~5000MHz	-43.87	PASS
Band41	5MHz	16QAM	40690	1RB#0	Range5:5000~12000MHz	-37.81	PASS
Band41	5MHz	16QAM	40690	1RB#0	Range6:12000~26500MHz	-58.48	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range1:0.009~0.15MHz	-68.31	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range2:0.15~30MHz	-60.51	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range3:30~1000MHz	-60.62	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range4:1000~5000MHz	-43.93	PASS

CTC Laboratories, Inc.

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Fax: (86)755-27521011

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Band41	5MHz	16QAM	41215	1RB#0	Range5:5000~12000MHz	-35.79	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range6:12000~26500MHz	-58.55	PASS
Band41	10MHz	QPSK	40290	1RB#0	Range1:0.009~0.15MHz	-69.65	PASS
Band41	10MHz	QPSK	40290	1RB#0	Range2:0.15~30MHz	-59.46	PASS
Band41	10MHz	QPSK	40290	1RB#0	Range3:30~1000MHz	-59.62	PASS
Band41	10MHz	QPSK	40290	1RB#0	Range4:1000~5000MHz	-43.82	PASS
Band41	10MHz	QPSK	40290	1RB#0	Range5:5000~12000MHz	-36.55	PASS
Band41	10MHz	QPSK	40290	1RB#0	Range6:12000~26500MHz	-58.49	PASS
Band41	10MHz	QPSK	40690	1RB#0	Range1:0.009~0.15MHz	-68.77	PASS
Band41	10MHz	QPSK	40690	1RB#0	Range2:0.15~30MHz	-57.49	PASS
Band41	10MHz	QPSK	40690	1RB#0	Range3:30~1000MHz	-60.86	PASS
Band41	10MHz	QPSK	40690	1RB#0	Range4:1000~5000MHz	-43.92	PASS
Band41	10MHz	QPSK	40690	1RB#0	Range5:5000~12000MHz	-34.89	PASS
Band41	10MHz	QPSK	40690	1RB#0	Range6:12000~26500MHz	-58.55	PASS
Band41	10MHz	QPSK	41190	1RB#0	Range1:0.009~0.15MHz	-70.05	PASS
Band41	10MHz	QPSK	41190	1RB#0	Range2:0.15~30MHz	-55.3	PASS
Band41	10MHz	QPSK	41190	1RB#0	Range3:30~1000MHz	-60.81	PASS
Band41	10MHz	QPSK	41190	1RB#0	Range4:1000~5000MHz	-43.87	PASS
Band41	10MHz	QPSK	41190	1RB#0	Range5:5000~12000MHz	-37.75	PASS
Band41	10MHz	QPSK	41190	1RB#0	Range6:12000~26500MHz	-58.55	PASS
Band41	10MHz	16QAM	40290	1RB#0	Range1:0.009~0.15MHz	-69.01	PASS
Band41	10MHz	16QAM	40290	1RB#0	Range2:0.15~30MHz	-59.53	PASS
Band41	10MHz	16QAM	40290	1RB#0	Range3:30~1000MHz	-60.83	PASS
Band41	10MHz	16QAM	40290	1RB#0	Range4:1000~5000MHz	-43.96	PASS
Band41	10MHz	16QAM	40290	1RB#0	Range5:5000~12000MHz	-37.59	PASS
Band41	10MHz	16QAM	40290	1RB#0	Range6:12000~26500MHz	-58.53	PASS
Band41	10MHz	16QAM	40690	1RB#0	Range1:0.009~0.15MHz	-70.95	PASS
Band41	10MHz	16QAM	40690	1RB#0	Range2:0.15~30MHz	-60.2	PASS
Band41	10MHz	16QAM	40690	1RB#0	Range3:30~1000MHz	-60.9	PASS
Band41	10MHz	16QAM	40690	1RB#0	Range4:1000~5000MHz	-43.92	PASS
Band41	10MHz	16QAM	40690	1RB#0	Range5:5000~12000MHz	-37.17	PASS
Band41	10MHz	16QAM	40690	1RB#0	Range6:12000~26500MHz	-58.55	PASS
Band41	10MHz	16QAM	41190	1RB#0	Range1:0.009~0.15MHz	-70.66	PASS
Band41	10MHz	16QAM	41190	1RB#0	Range2:0.15~30MHz	-58.32	PASS
Band41	10MHz	16QAM	41190	1RB#0	Range3:30~1000MHz	-60.53	PASS
Band41	10MHz	16QAM	41190	1RB#0	Range4:1000~5000MHz	-43.85	PASS
Band41	10MHz	16QAM	41190	1RB#0	Range5:5000~12000MHz	-39.3	PASS
Band41	10MHz	16QAM	41190	1RB#0	Range6:12000~26500MHz	-58.59	PASS
Band41	15MHz	QPSK	40315	1RB#0	Range1:0.009~0.15MHz	-71.1	PASS
Band41	15MHz	QPSK	40315	1RB#0	Range2:0.15~30MHz	-59.71	PASS

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Band41	15MHz	QPSK	40315	1RB#0	Range3:30~1000MHz	-59.53	PASS
Band41	15MHz	QPSK	40315	1RB#0	Range4:1000~5000MHz	-43.95	PASS
Band41	15MHz	QPSK	40315	1RB#0	Range5:5000~12000MHz	-37.6	PASS
Band41	15MHz	QPSK	40315	1RB#0	Range6:12000~26500MHz	-58.64	PASS
Band41	15MHz	QPSK	40690	1RB#0	Range1:0.009~0.15MHz	-71.46	PASS
Band41	15MHz	QPSK	40690	1RB#0	Range2:0.15~30MHz	-62.04	PASS
Band41	15MHz	QPSK	40690	1RB#0	Range3:30~1000MHz	-60.18	PASS
Band41	15MHz	QPSK	40690	1RB#0	Range4:1000~5000MHz	-43.85	PASS
Band41	15MHz	QPSK	40690	1RB#0	Range5:5000~12000MHz	-40.4	PASS
Band41	15MHz	QPSK	40690	1RB#0	Range6:12000~26500MHz	-58.45	PASS
Band41	15MHz	QPSK	41165	1RB#0	Range1:0.009~0.15MHz	-71.82	PASS
Band41	15MHz	QPSK	41165	1RB#0	Range2:0.15~30MHz	-63.95	PASS
Band41	15MHz	QPSK	41165	1RB#0	Range3:30~1000MHz	-60.1	PASS
Band41	15MHz	QPSK	41165	1RB#0	Range4:1000~5000MHz	-43.97	PASS
Band41	15MHz	QPSK	41165	1RB#0	Range5:5000~12000MHz	-38.18	PASS
Band41	15MHz	QPSK	41165	1RB#0	Range6:12000~26500MHz	-58.69	PASS
Band41	15MHz	16QAM	40315	1RB#0	Range1:0.009~0.15MHz	-68.74	PASS
Band41	15MHz	16QAM	40315	1RB#0	Range2:0.15~30MHz	-60.29	PASS
Band41	15MHz	16QAM	40315	1RB#0	Range3:30~1000MHz	-60.53	PASS
Band41	15MHz	16QAM	40315	1RB#0	Range4:1000~5000MHz	-43.86	PASS
Band41	15MHz	16QAM	40315	1RB#0	Range5:5000~12000MHz	-37.21	PASS
Band41	15MHz	16QAM	40315	1RB#0	Range6:12000~26500MHz	-58.48	PASS
Band41	15MHz	16QAM	40690	1RB#0	Range1:0.009~0.15MHz	-71.62	PASS
Band41	15MHz	16QAM	40690	1RB#0	Range2:0.15~30MHz	-62.36	PASS
Band41	15MHz	16QAM	40690	1RB#0	Range3:30~1000MHz	-60.29	PASS
Band41	15MHz	16QAM	40690	1RB#0	Range4:1000~5000MHz	-43.71	PASS
Band41	15MHz	16QAM	40690	1RB#0	Range5:5000~12000MHz	-37.95	PASS
Band41	15MHz	16QAM	40690	1RB#0	Range6:12000~26500MHz	-58.41	PASS
Band41	15MHz	16QAM	41165	1RB#0	Range1:0.009~0.15MHz	-72.84	PASS
Band41	15MHz	16QAM	41165	1RB#0	Range2:0.15~30MHz	-61.27	PASS
Band41	15MHz	16QAM	41165	1RB#0	Range3:30~1000MHz	-59.06	PASS
Band41	15MHz	16QAM	41165	1RB#0	Range4:1000~5000MHz	-43.9	PASS
Band41	15MHz	16QAM	41165	1RB#0	Range5:5000~12000MHz	-38.95	PASS
Band41	15MHz	16QAM	41165	1RB#0	Range6:12000~26500MHz	-58.53	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range1:0.009~0.15MHz	-71.39	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range2:0.15~30MHz	-61.9	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range3:30~1000MHz	-60.16	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range4:1000~5000MHz	-43.76	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range5:5000~12000MHz	-36.66	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range6:12000~26500MHz	-58.54	PASS

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Band41	20MHz	QPSK	40690	1RB#0	Range1:0.009~0.15MHz	-70.93	PASS
Band41	20MHz	QPSK	40690	1RB#0	Range2:0.15~30MHz	-61.18	PASS
Band41	20MHz	QPSK	40690	1RB#0	Range3:30~1000MHz	-59.36	PASS
Band41	20MHz	QPSK	40690	1RB#0	Range4:1000~5000MHz	-43.85	PASS
Band41	20MHz	QPSK	40690	1RB#0	Range5:5000~12000MHz	-36.95	PASS
Band41	20MHz	QPSK	40690	1RB#0	Range6:12000~26500MHz	-58.63	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range1:0.009~0.15MHz	-70.92	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range2:0.15~30MHz	-59.67	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range3:30~1000MHz	-60.8	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range4:1000~5000MHz	-43.6	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range5:5000~12000MHz	-37.17	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range6:12000~26500MHz	-58.54	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range1:0.009~0.15MHz	-71.06	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range2:0.15~30MHz	-61.94	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range3:30~1000MHz	-60.04	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range4:1000~5000MHz	-43.9	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range5:5000~12000MHz	-36.1	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range6:12000~26500MHz	-58.34	PASS
Band41	20MHz	16QAM	40690	1RB#0	Range1:0.009~0.15MHz	-70.74	PASS
Band41	20MHz	16QAM	40690	1RB#0	Range2:0.15~30MHz	-59.97	PASS
Band41	20MHz	16QAM	40690	1RB#0	Range3:30~1000MHz	-60.79	PASS
Band41	20MHz	16QAM	40690	1RB#0	Range4:1000~5000MHz	-43.87	PASS
Band41	20MHz	16QAM	40690	1RB#0	Range5:5000~12000MHz	-38.8	PASS
Band41	20MHz	16QAM	40690	1RB#0	Range6:12000~26500MHz	-58.59	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range1:0.009~0.15MHz	-69.24	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range2:0.15~30MHz	-60.31	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range3:30~1000MHz	-59.56	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range4:1000~5000MHz	-43.84	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range5:5000~12000MHz	-40.05	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range6:12000~26500MHz	-58.55	PASS

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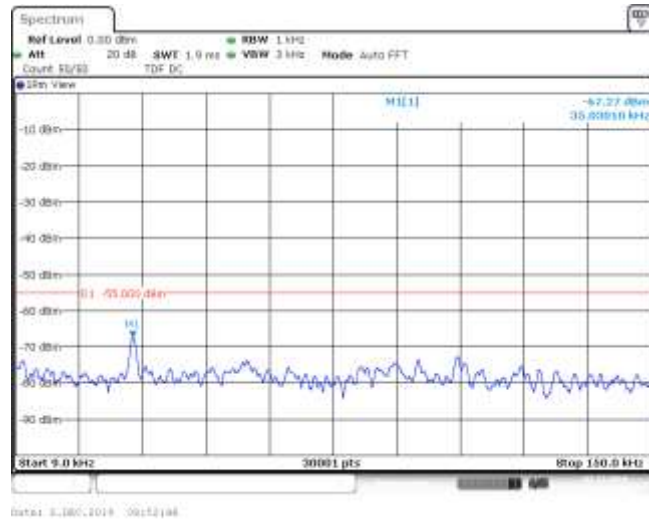
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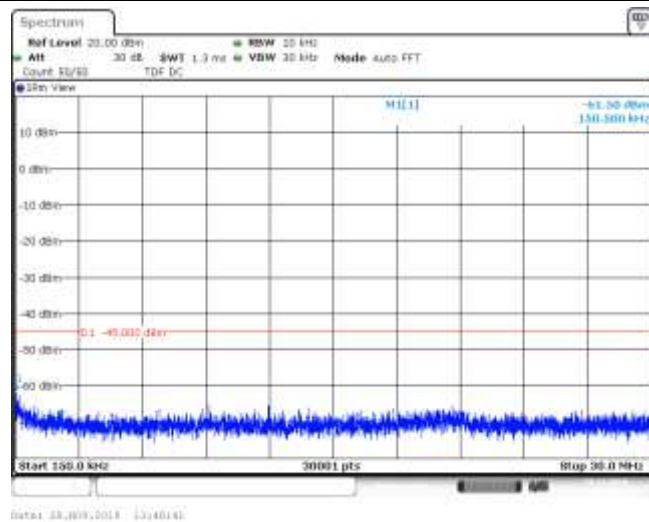
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Test Graphs

Band41_5MHz_QPSK_40265_1RB#0



Band41_5MHz_QPSK_40265_1RB#0



Band41_5MHz_QPSK_40265_1RB#0

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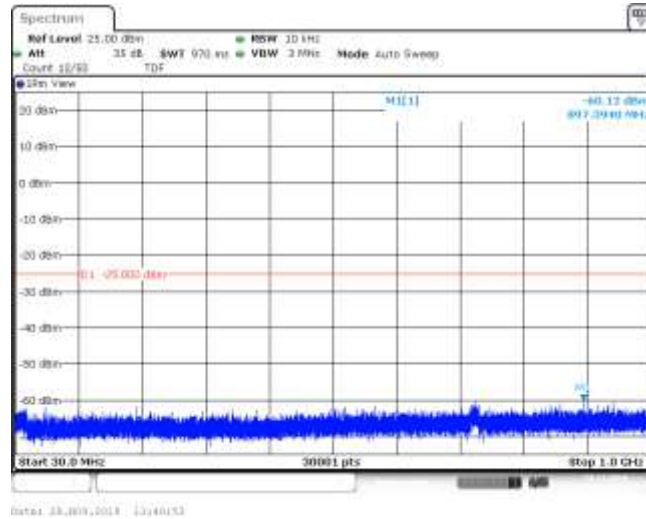
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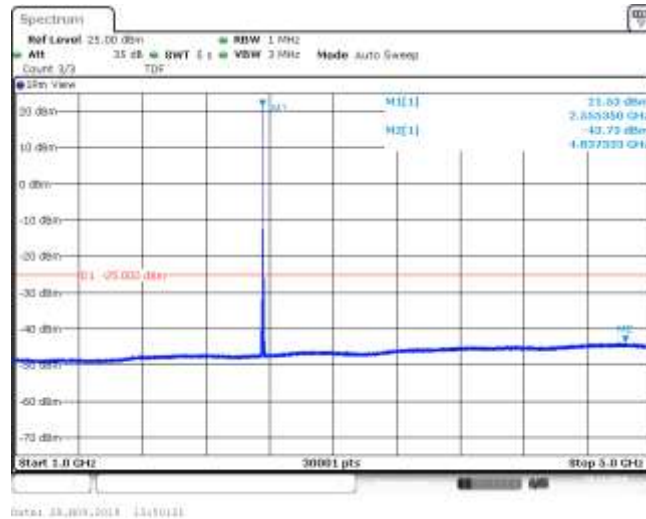
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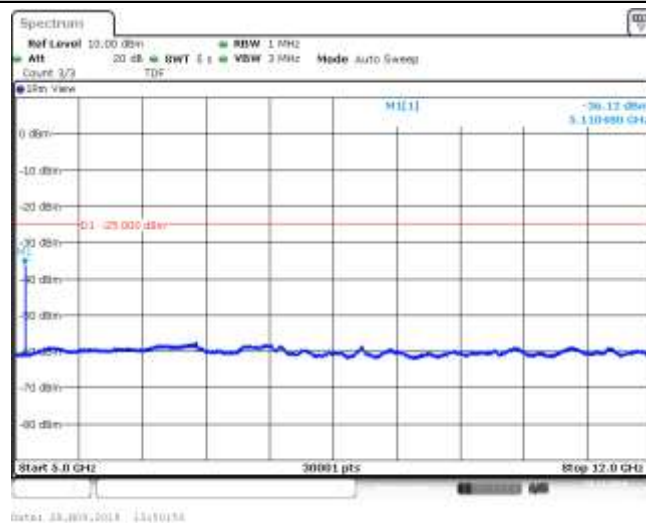
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Band41_5MHz_QPSK_40265_1RB#0



Band41_5MHz_QPSK_40265_1RB#0



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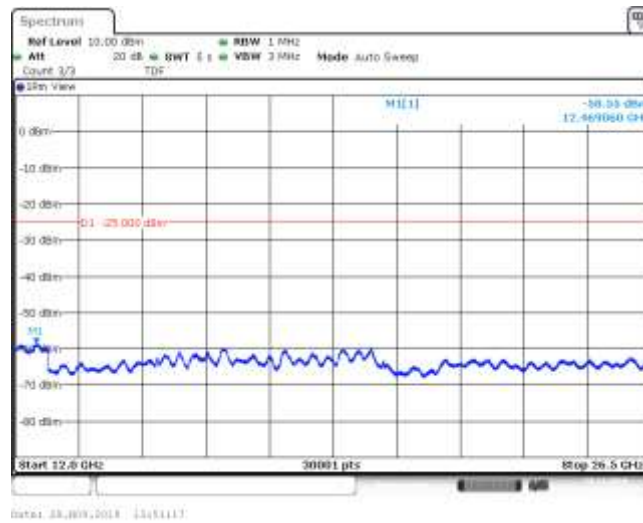
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Tel.: (86)755-27521059

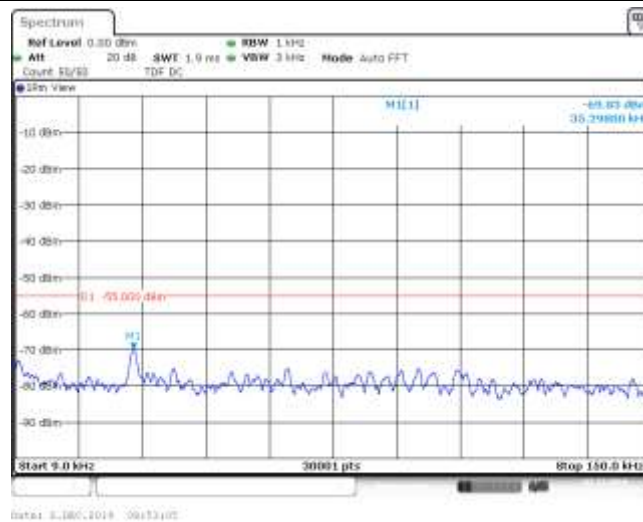
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Band41_5MHz_QPSK_40265_1RB#0



Band41_5MHz_QPSK_40690_1RB#0



Band41_5MHz_QPSK_40690_1RB#0

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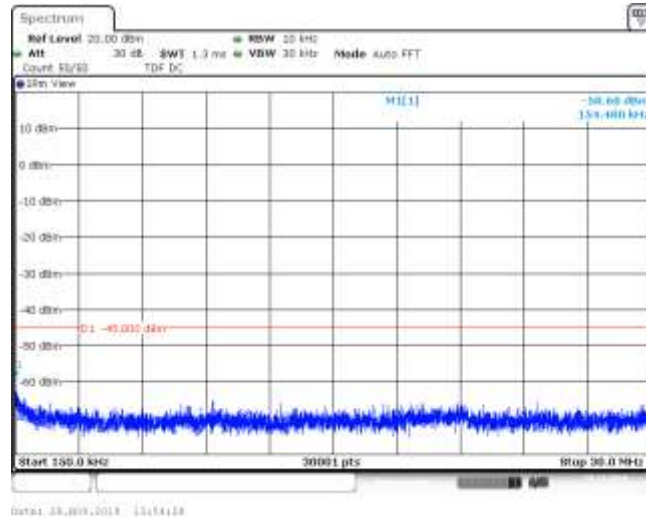
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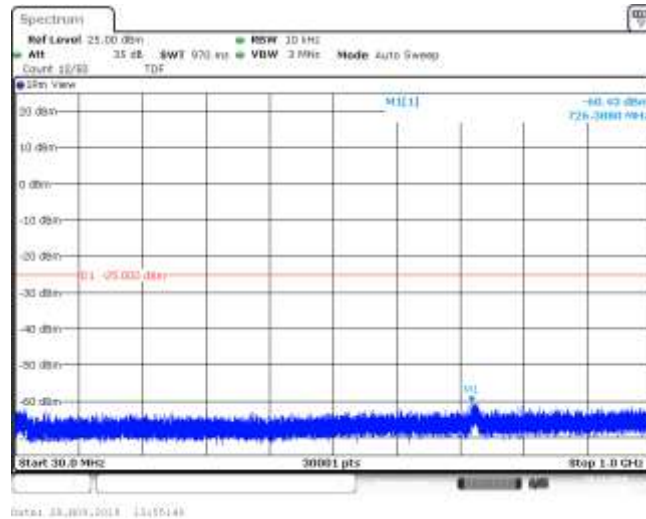
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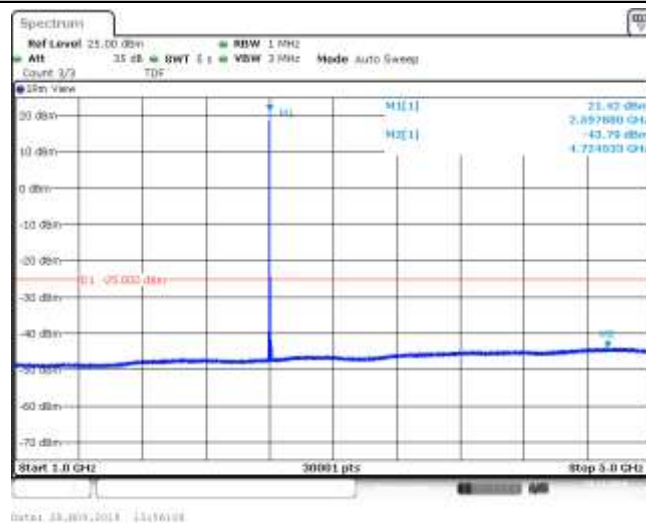
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Band41_5MHz_QPSK_40690_1RB#0



Band41_5MHz_QPSK_40690_1RB#0



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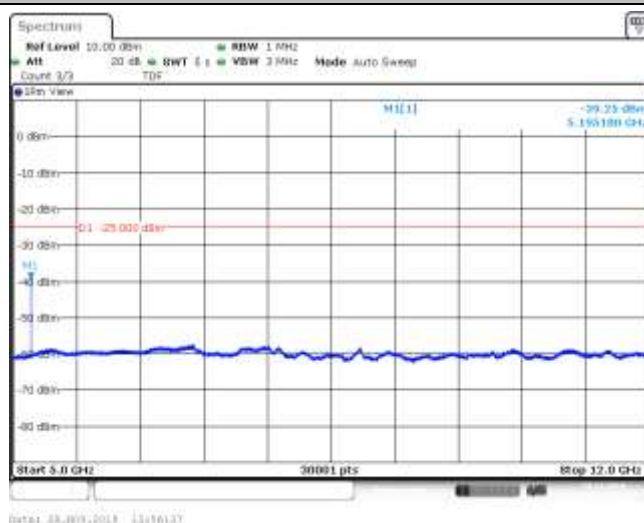
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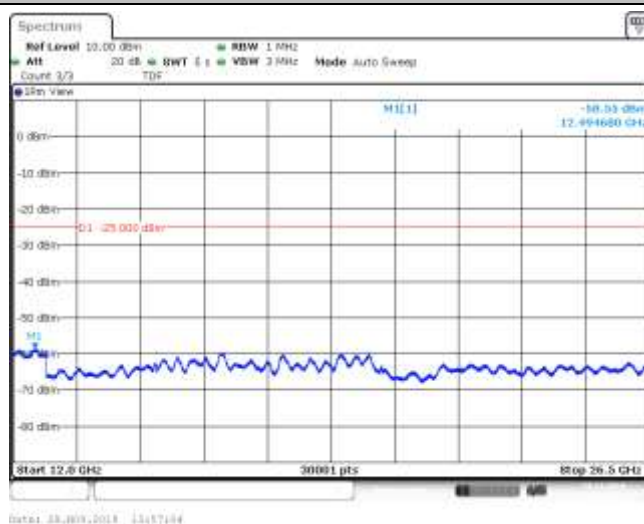
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Band41_5MHz_QPSK_40690_1RB#0



Band41_5MHz_QPSK_40690_1RB#0



Band41_5MHz_QPSK_41215_1RB#0

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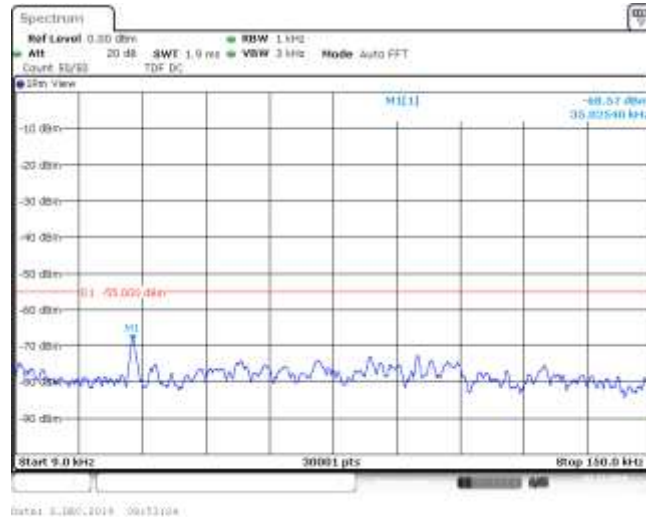
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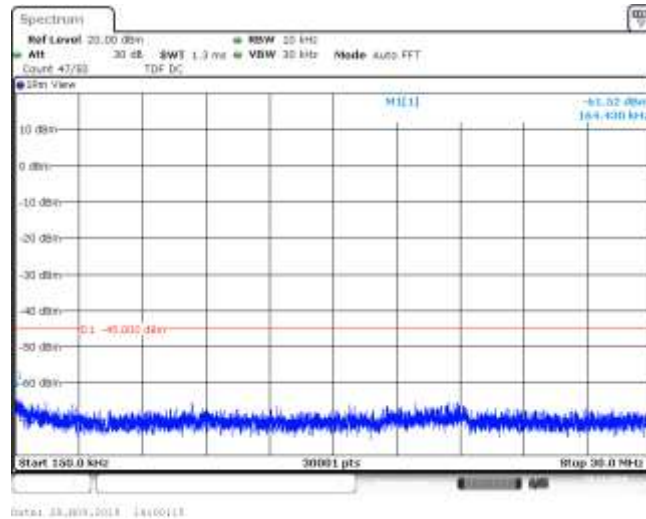
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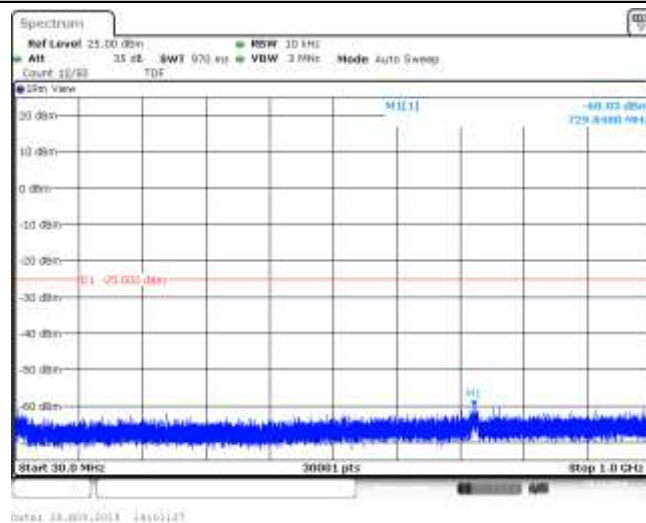
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Band41_5MHz_QPSK_41215_1RB#0



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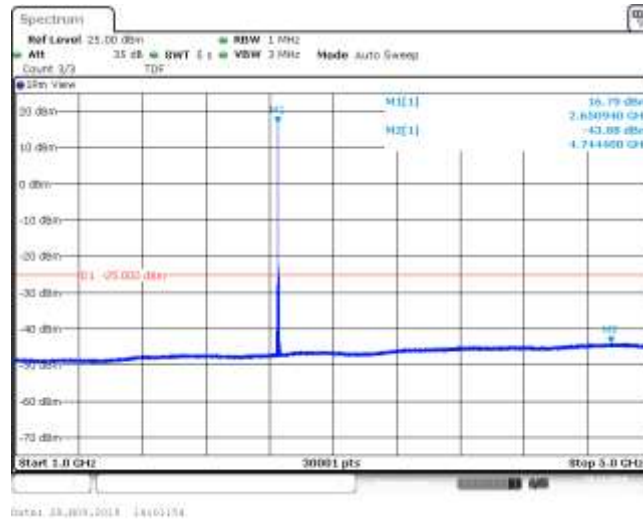
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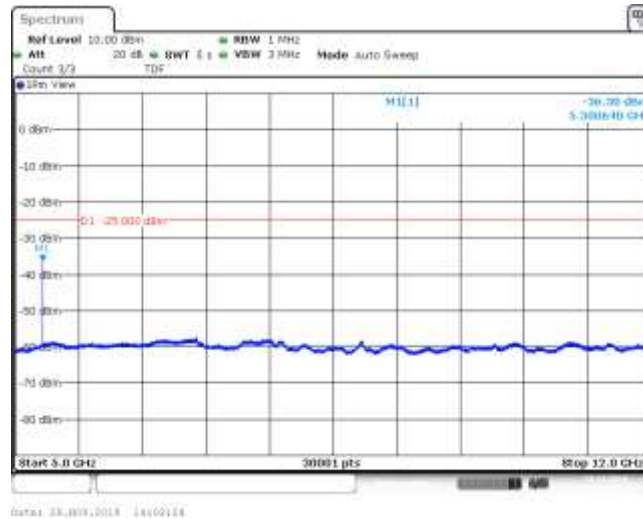
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Band41_5MHz_QPSK_41215_1RB#0

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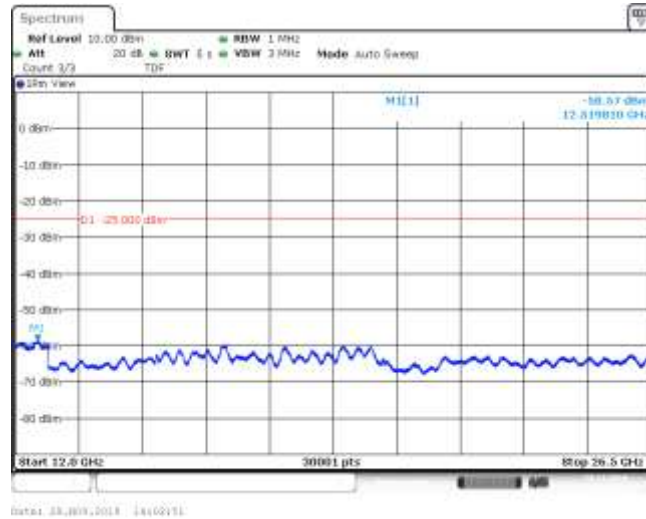
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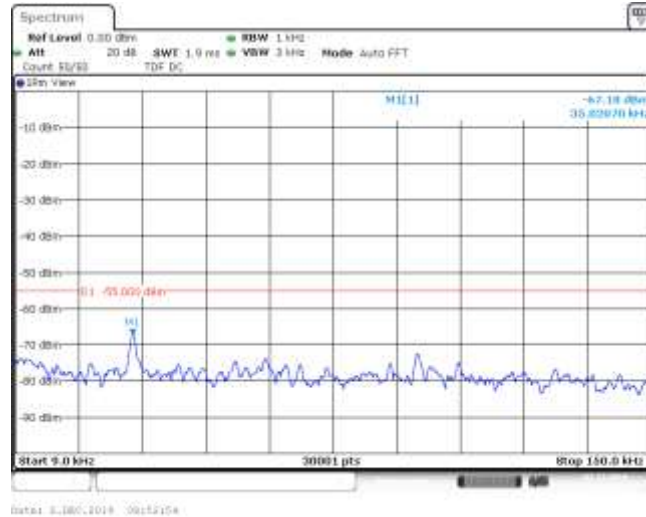
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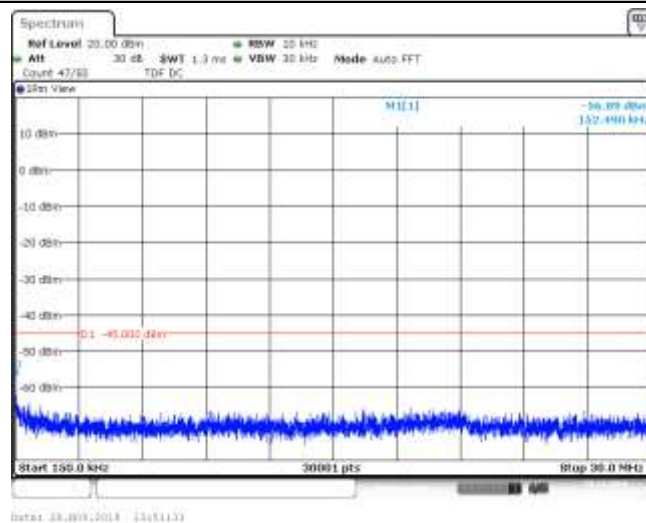
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Band41_5MHz_16QAM_40265_1RB#0



Band41_5MHz_16QAM_40265_1RB#0



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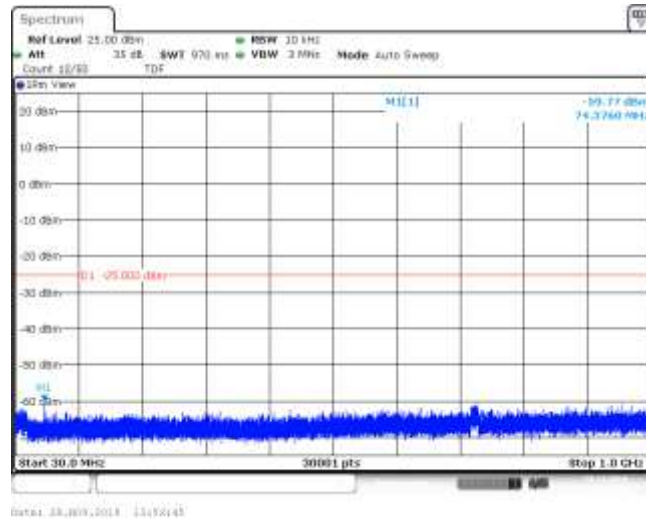
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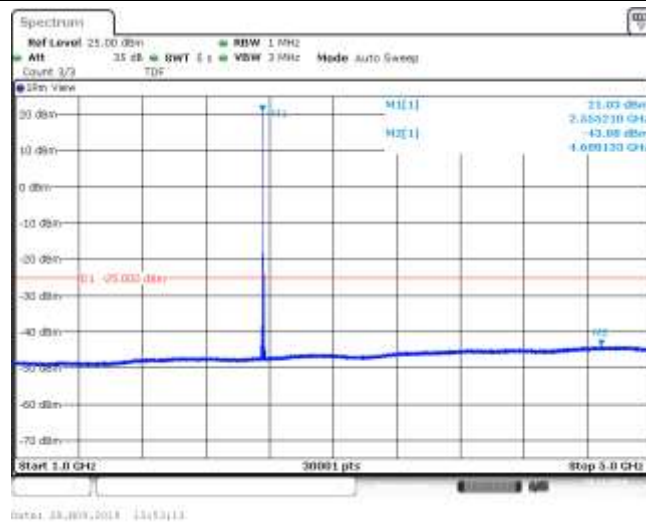
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Band41_5MHz_16QAM_40265_1RB#0



Band41_5MHz_16QAM_40265_1RB#0



Band41_5MHz_16QAM_40265_1RB#0

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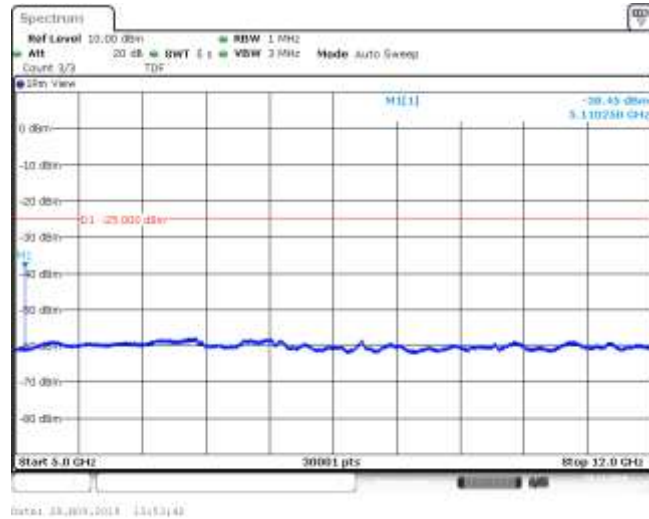
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Tel.: (86)755-27521059

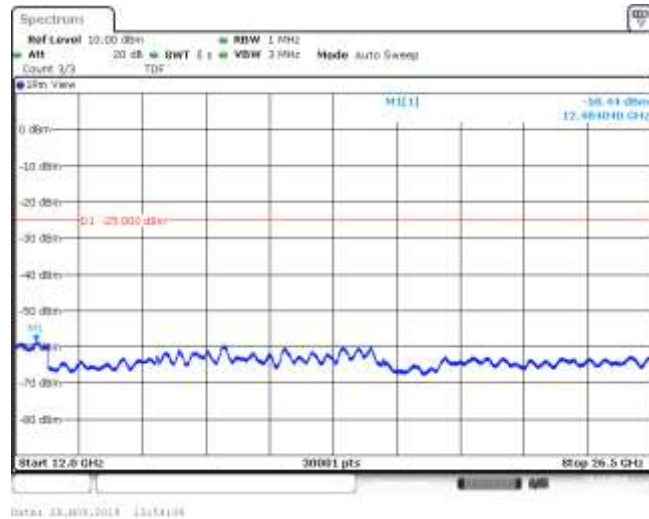
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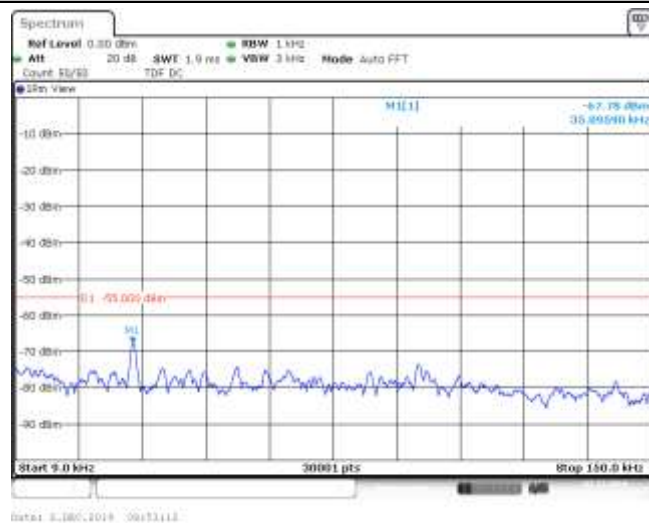

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Band41_5MHz_16QAM_40265_1RB#0



Band41_5MHz_16QAM_40690_1RB#0



CTC Laboratories, Inc.

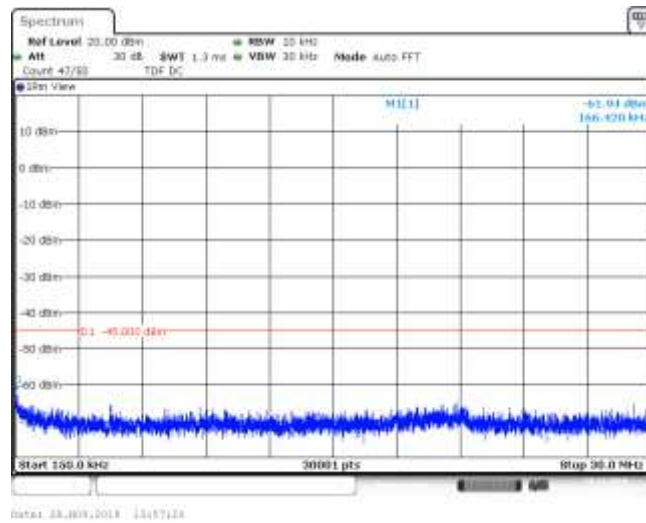
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Tel.: (86)755-27521059

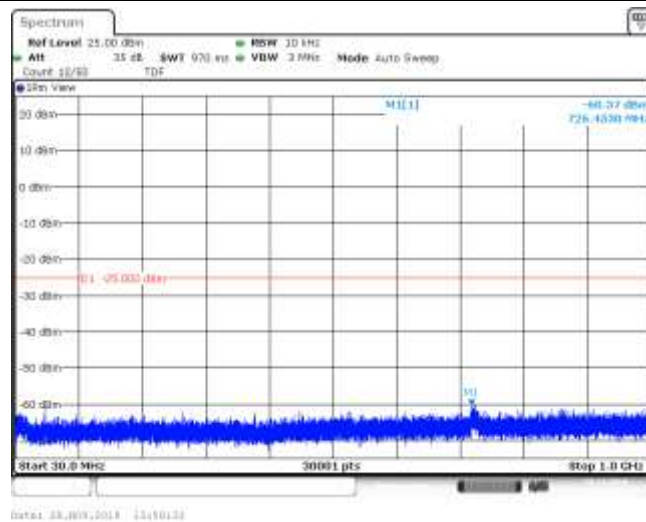
Fax: (86)755-27521011

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

Band41_5MHz_16QAM_40690_1RB#0



Band41_5MHz_16QAM_40690_1RB#0



Band41_5MHz_16QAM_40690_1RB#0

CTC Laboratories, Inc.

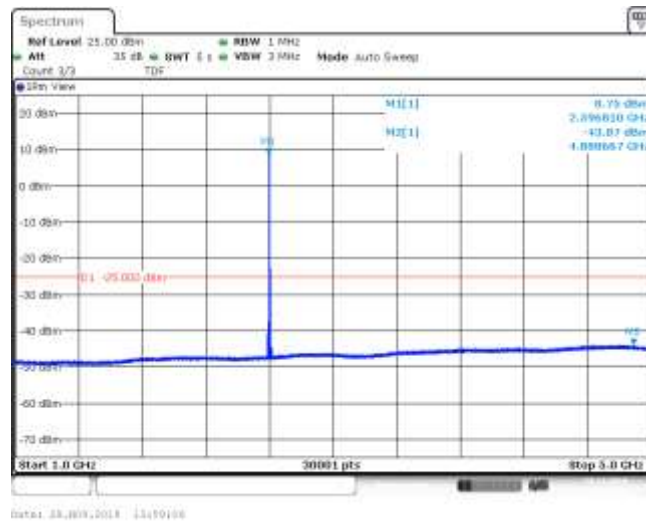
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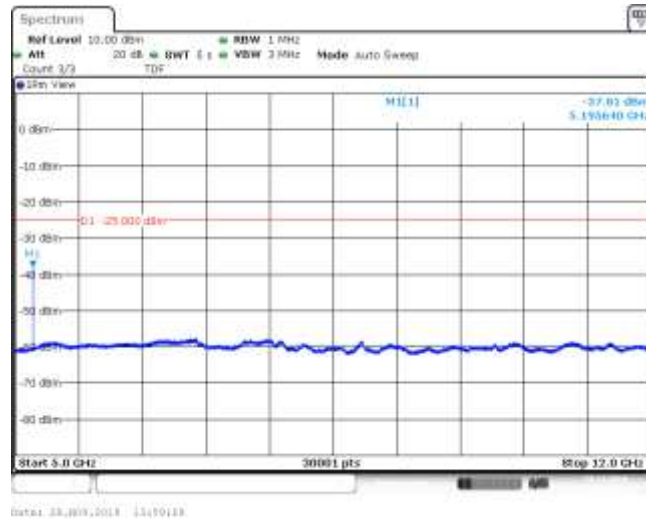
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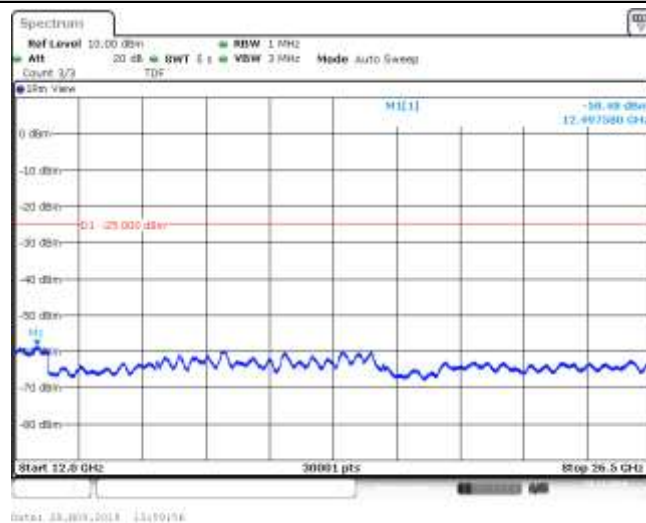

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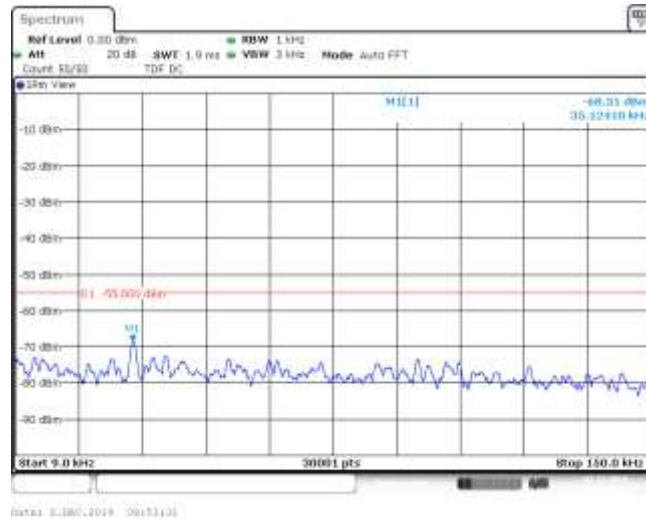
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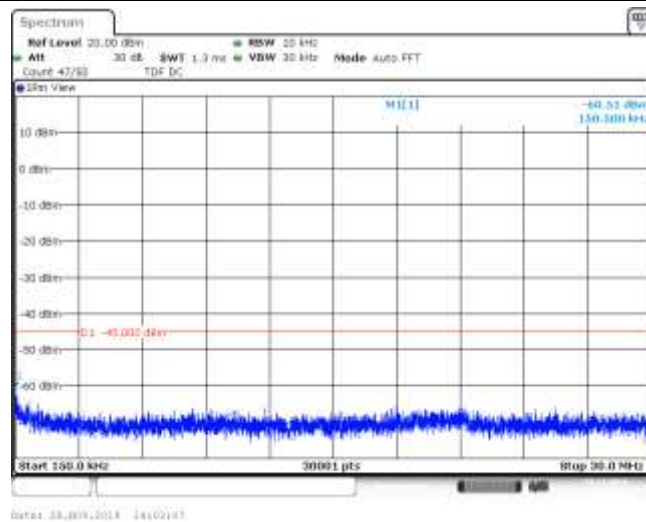
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Http://www.sz-ctc.org.cn

Band41_5MHz_16QAM_41215_1RB#0



Band41_5MHz_16QAM_41215_1RB#0



Band41_5MHz_16QAM_41215_1RB#0

CTC Laboratories, Inc.

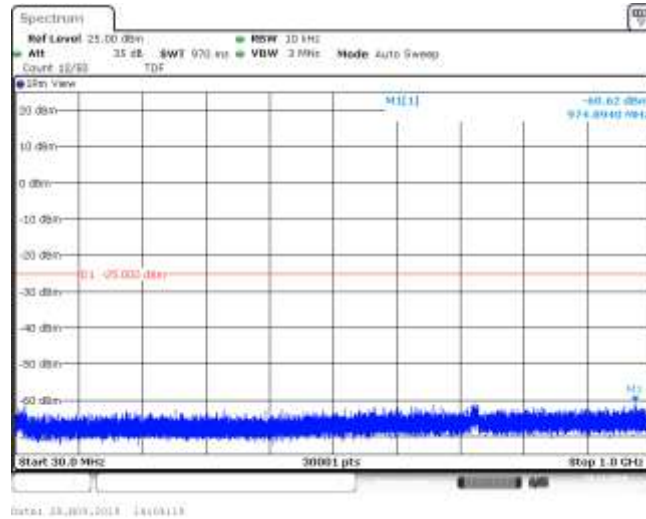
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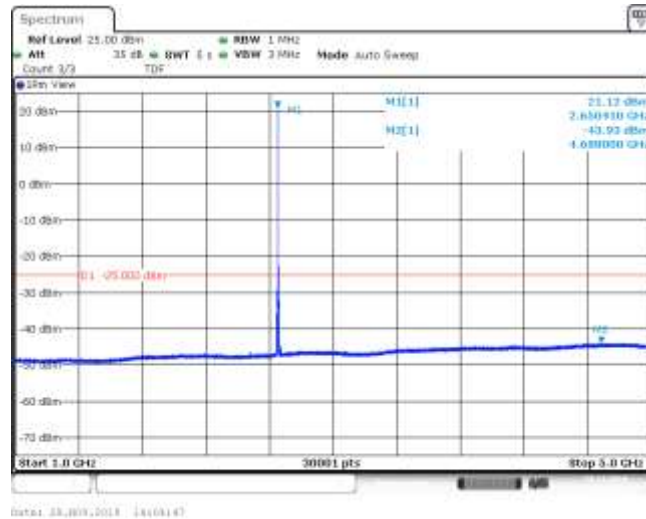
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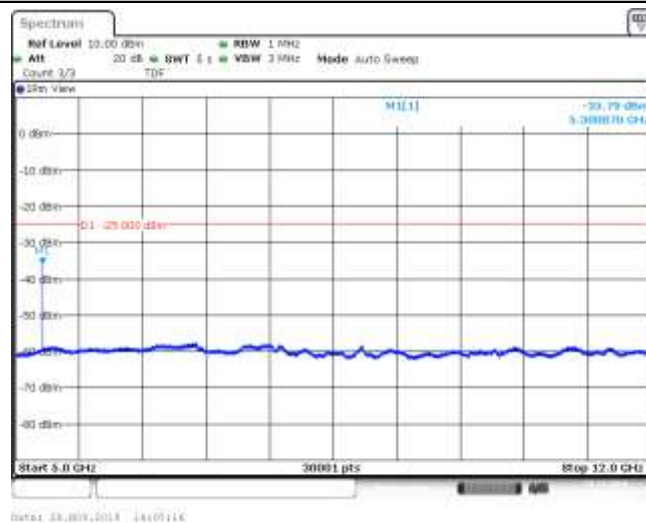
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : [yz.cnca.cn](http://www.cnca.cn)



Band41_5MHz_16QAM_41215_1RB#0



Band41_5MHz_16QAM_41215_1RB#0



CTC Laboratories, Inc.

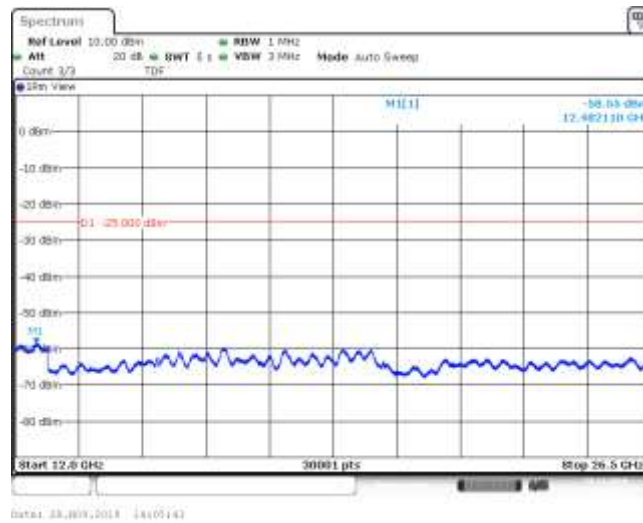
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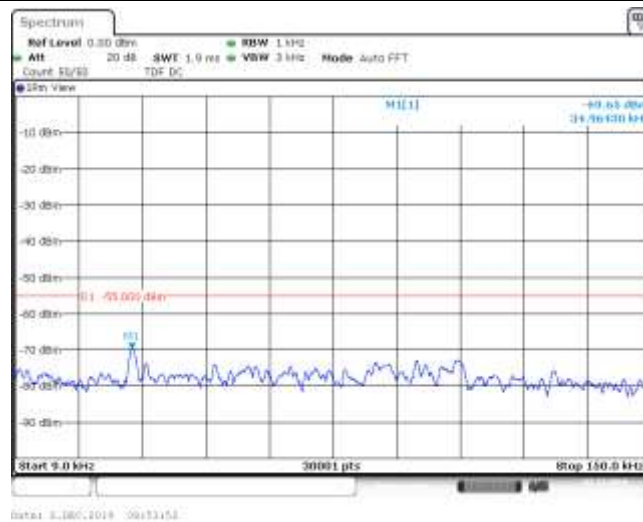
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Band41_5MHz_16QAM_41215_1RB#0



Band41_10MHz_QPSK_40290_1RB#0



Band41_10MHz_QPSK_40290_1RB#0

CTC Laboratories, Inc.

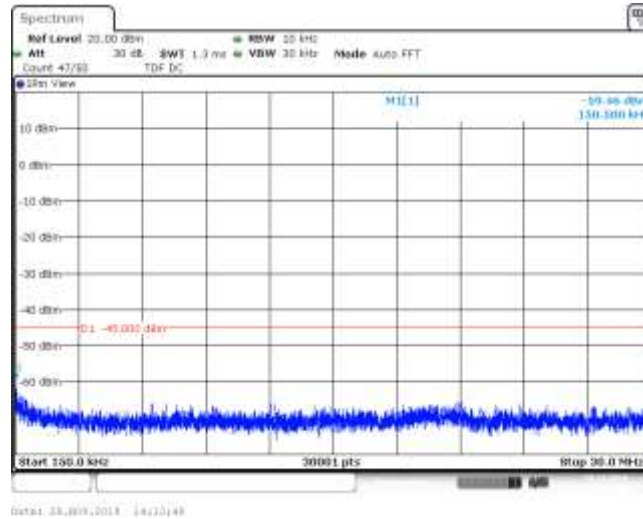
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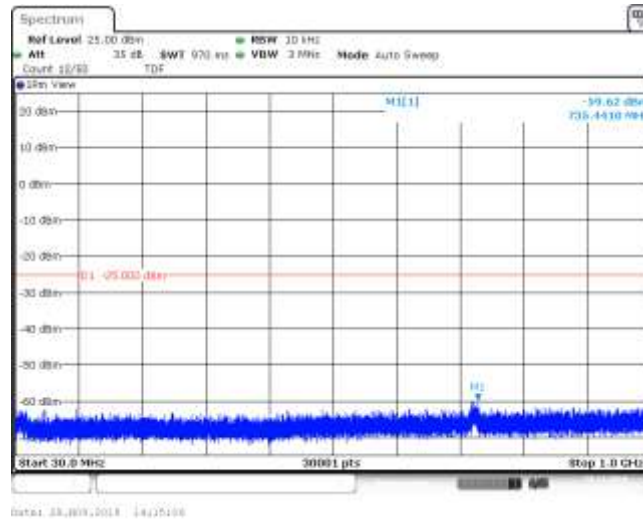
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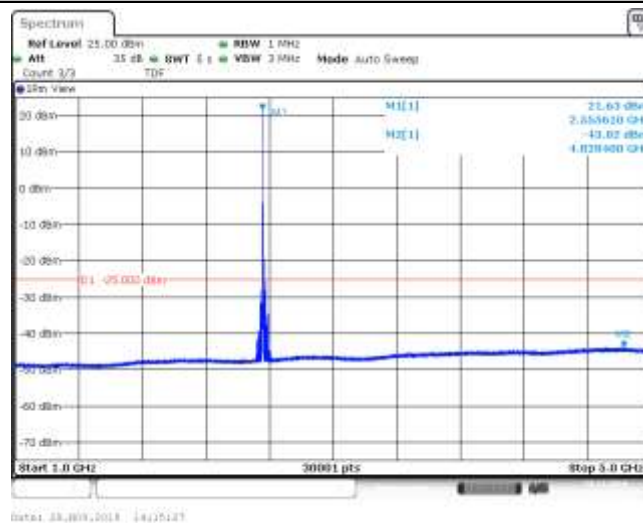
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Band41_10MHz_QPSK_40290_1RB#0



Band41_10MHz_QPSK_40290_1RB#0



CTC Laboratories, Inc.

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

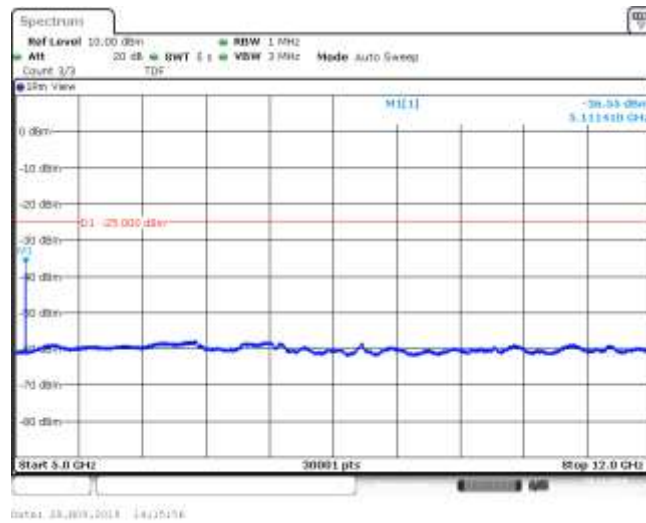
Tel.: (86)755-27521059

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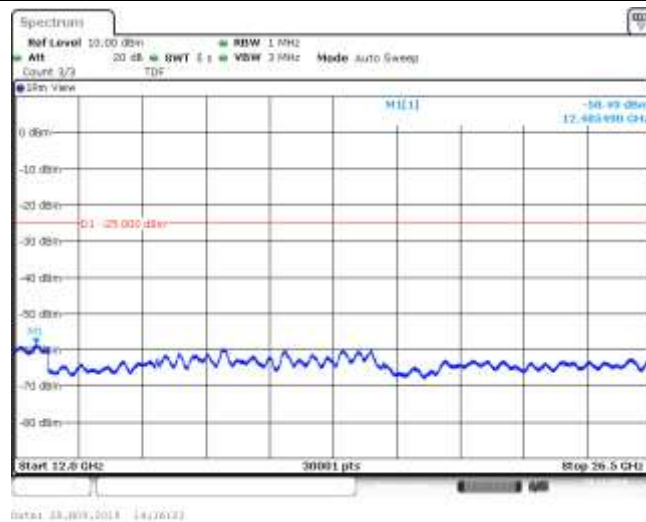
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Band41_10MHz_QPSK_40290_1RB#0



Band41_10MHz_QPSK_40290_1RB#0



Band41_10MHz_QPSK_40690_1RB#0

CTC Laboratories, Inc.

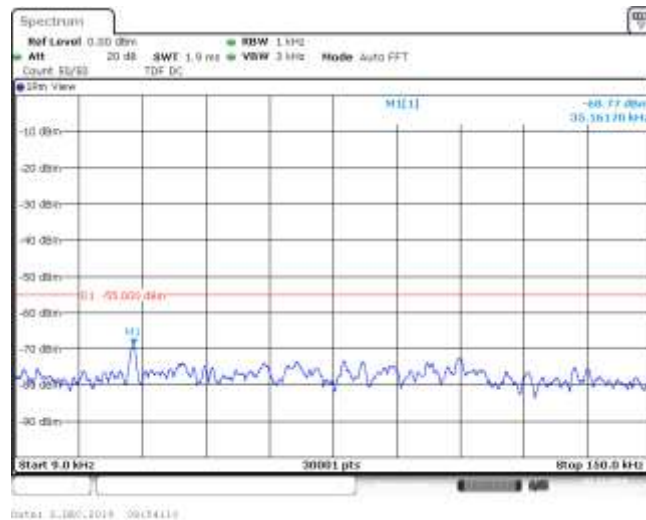
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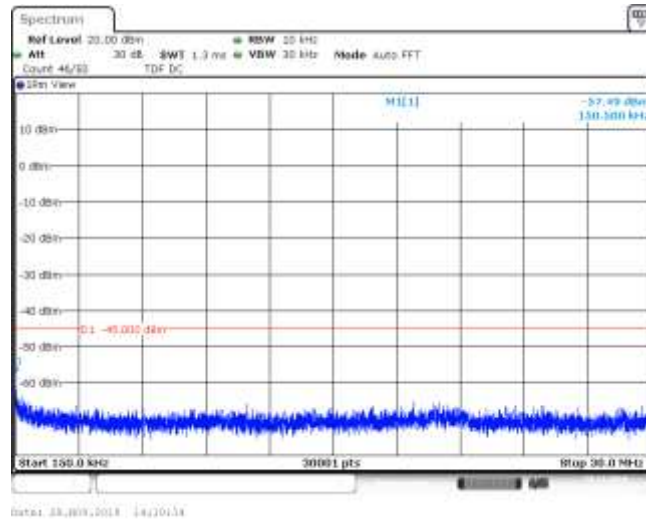
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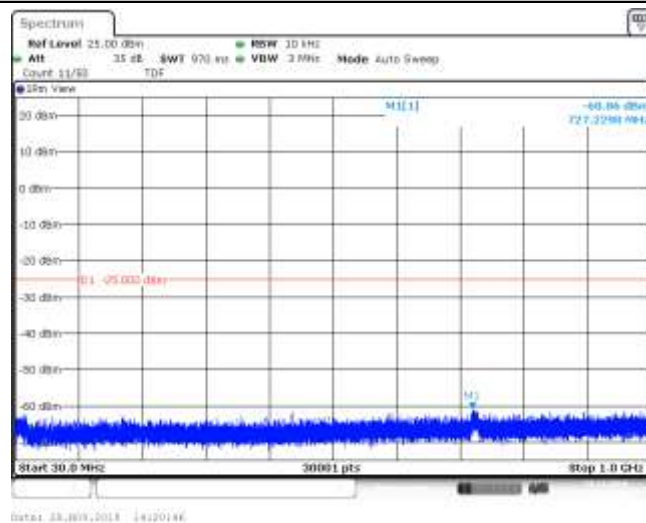
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Band41_10MHz_QPSK_40690_1RB#0



Band41_10MHz_QPSK_40690_1RB#0



CTC Laboratories, Inc.

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

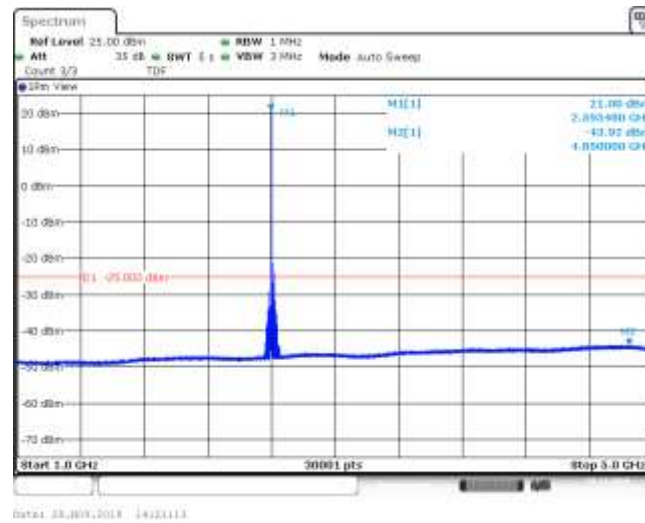
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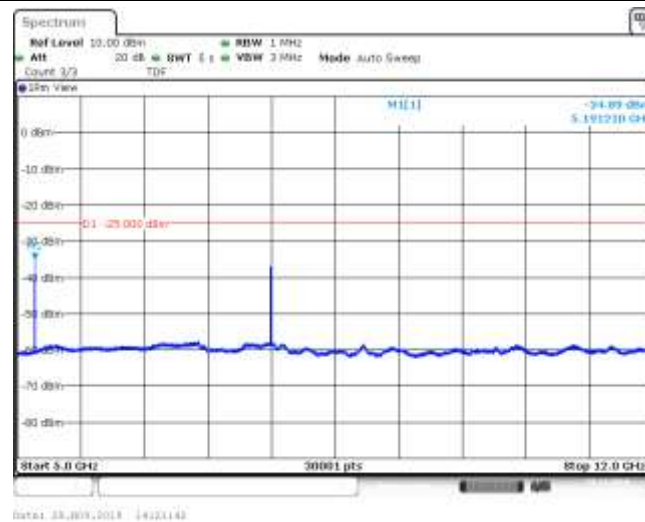
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Band41_10MHz_QPSK_40690_1RB#0



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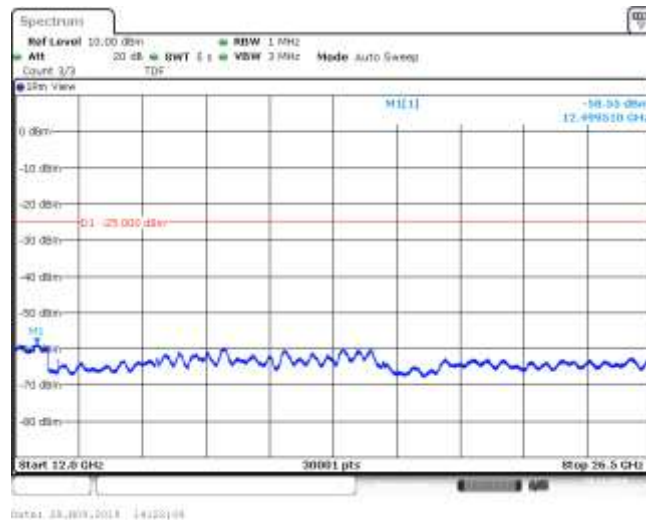
CTC Laboratories, Inc.

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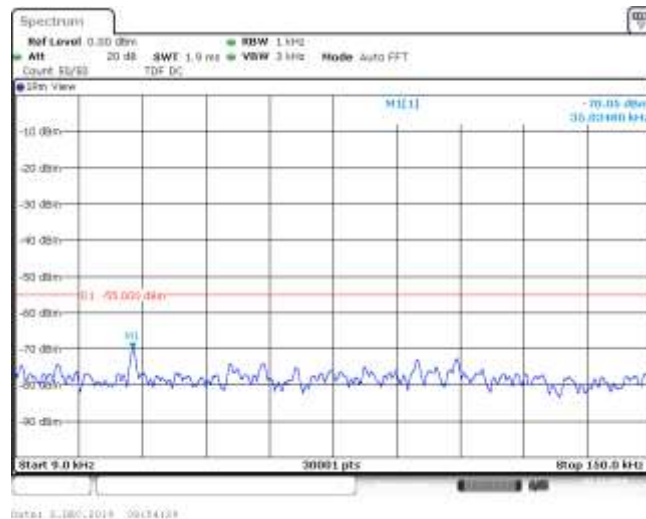
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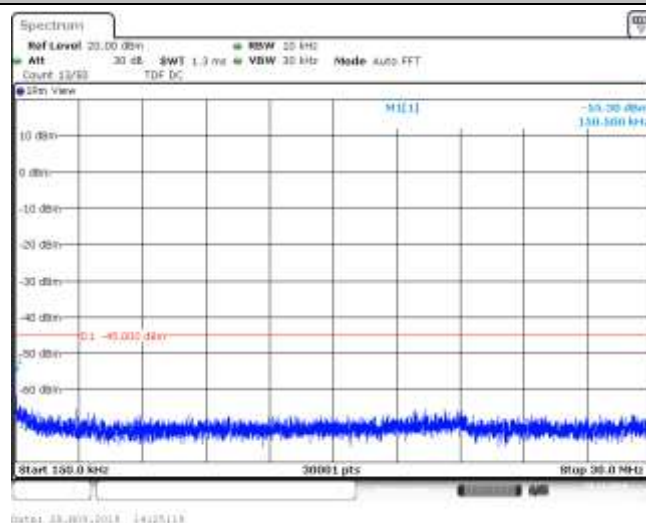
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Band41_10MHz_QPSK_41190_1RB#0



Band41_10MHz_QPSK_41190_1RB#0



CTC Laboratories, Inc.

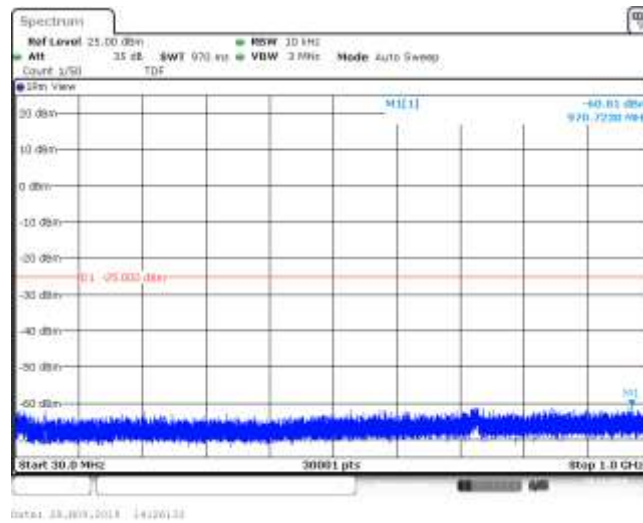
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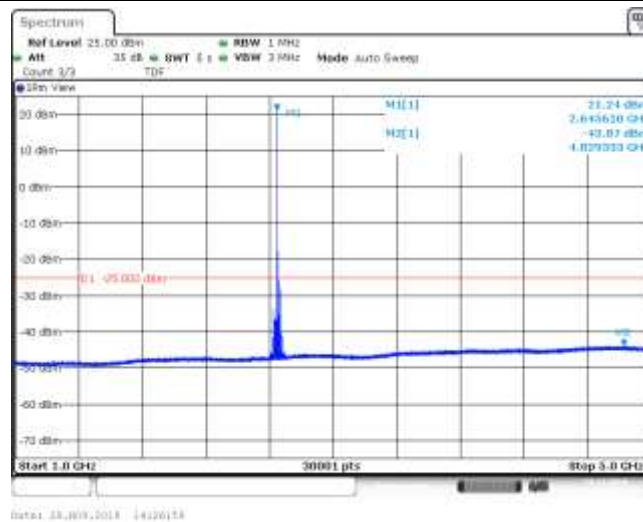
Fax: (86)755-27521011

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

Band41_10MHz_QPSK_41190_1RB#0



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CTC Laboratories, Inc.

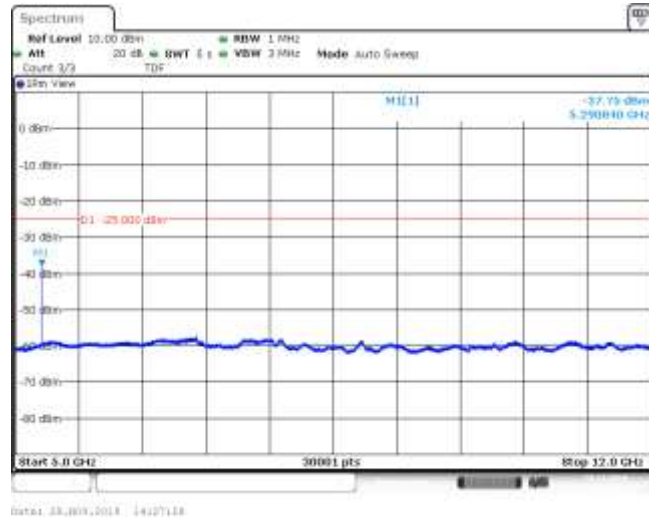
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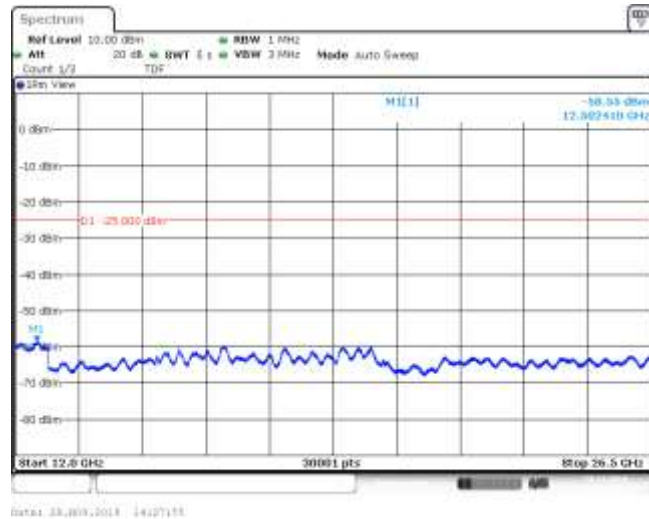
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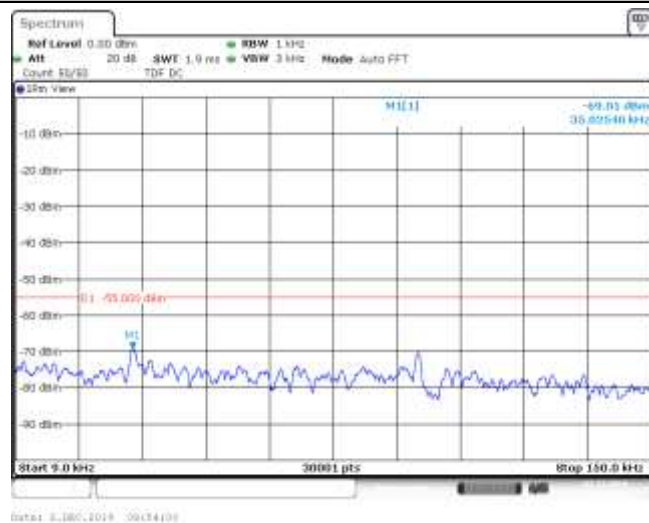

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Band41_10MHz_QPSK_41190_1RB#0



Band41_10MHz_16QAM_40290_1RB#0



CTC Laboratories, Inc.

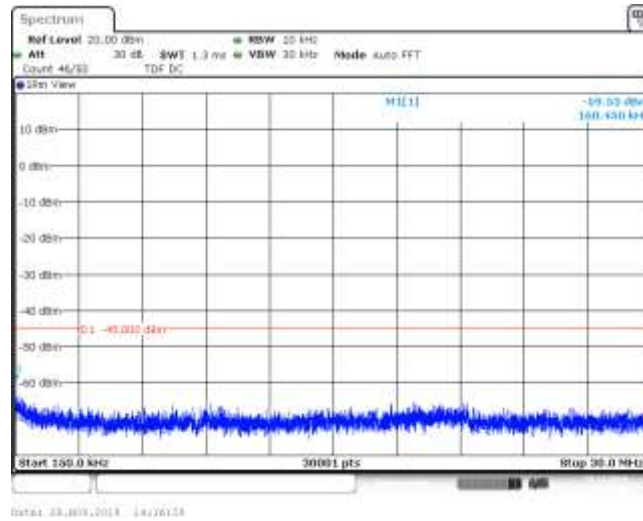
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Tel.: (86)755-27521059

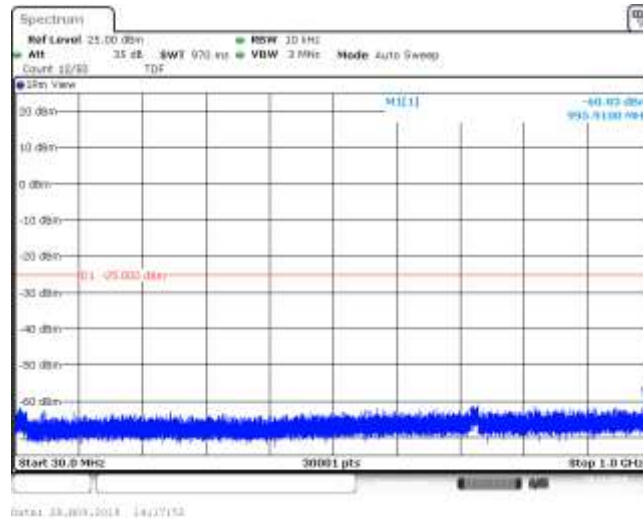
Fax: (86)755-27521011

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Band41_10MHz_16QAM_40290_1RB#0



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Band41_10MHz_16QAM_40290_1RB#0

CTC Laboratories, Inc.

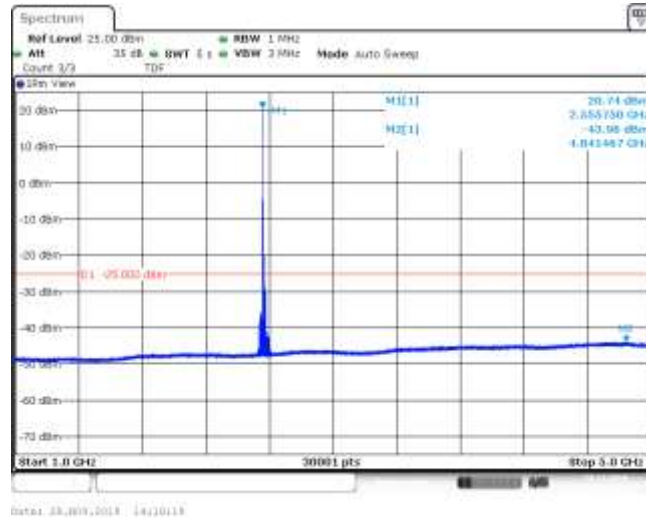
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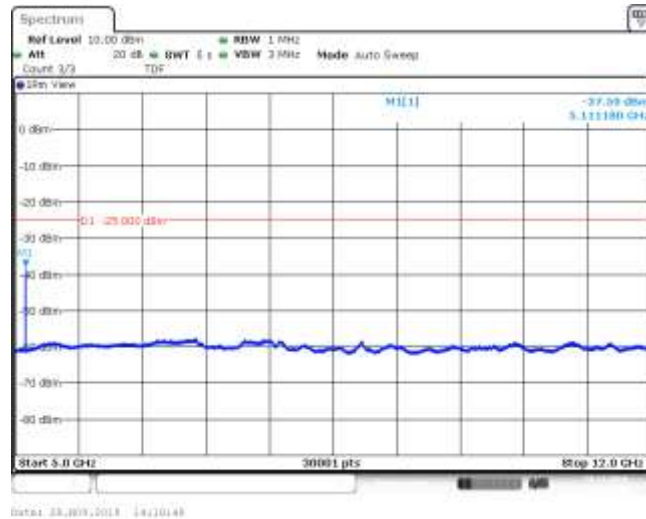
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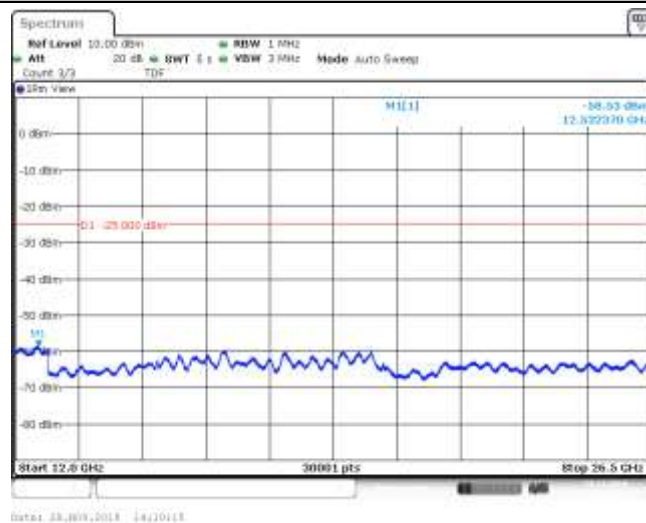
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Band41_10MHz_16QAM_40290_1RB#0



CTC Laboratories, Inc.

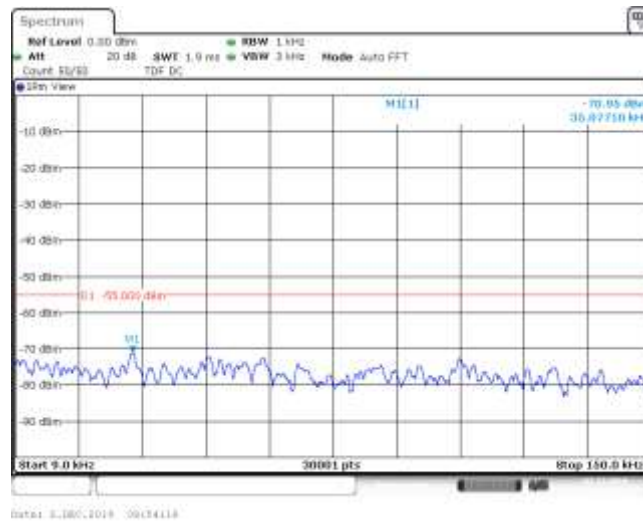
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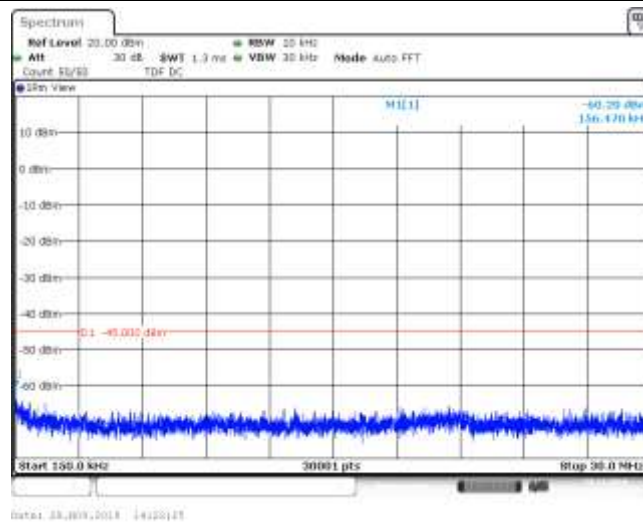
Fax: (86)755-27521011

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Band41_10MHz_16QAM_40690_1RB#0



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CTC Laboratories, Inc.

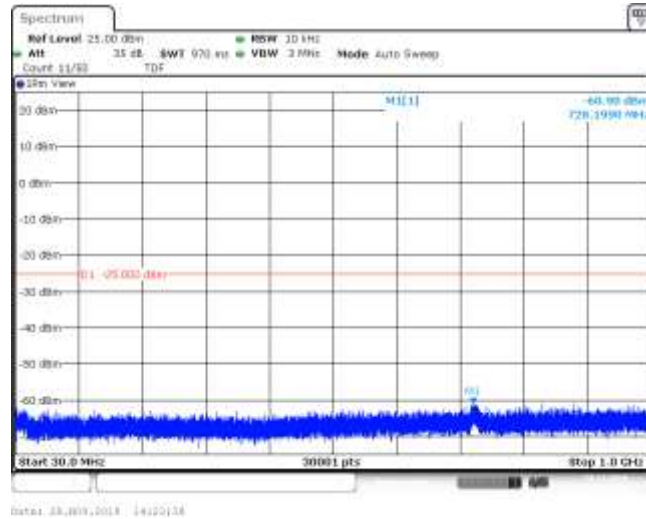
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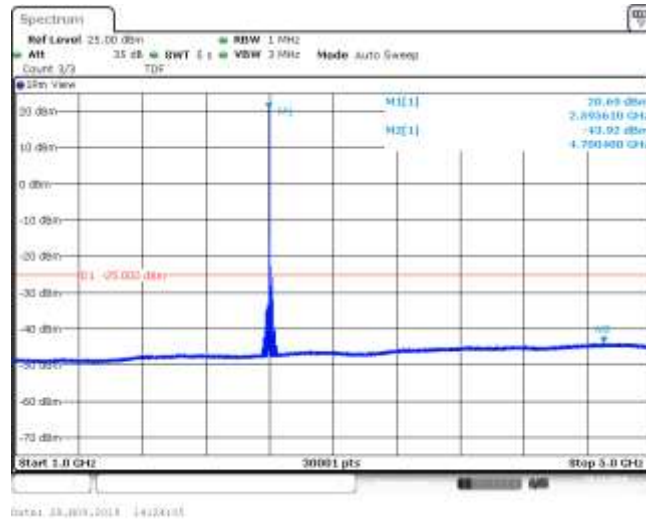
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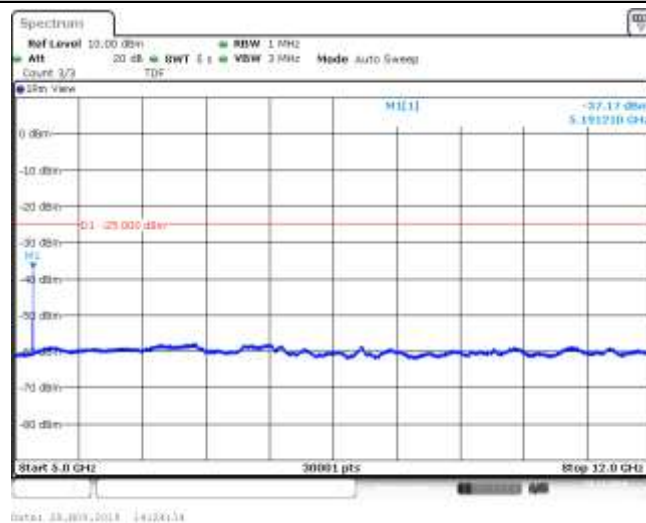
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Band41_10MHz_16QAM_40690_1RB#0



Band41_10MHz_16QAM_40690_1RB#0



CTC Laboratories, Inc.

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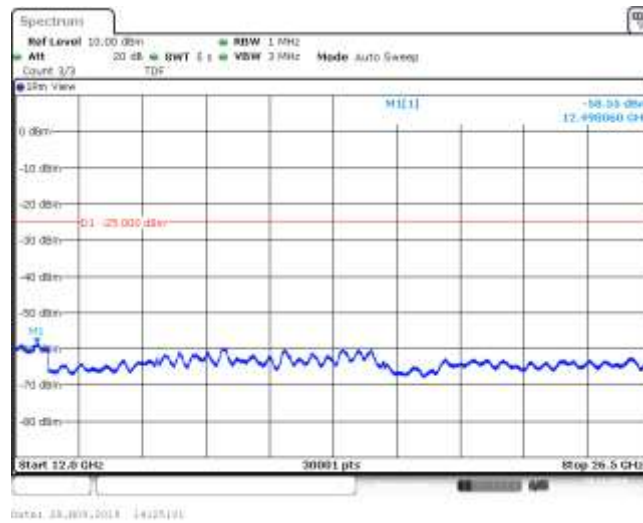
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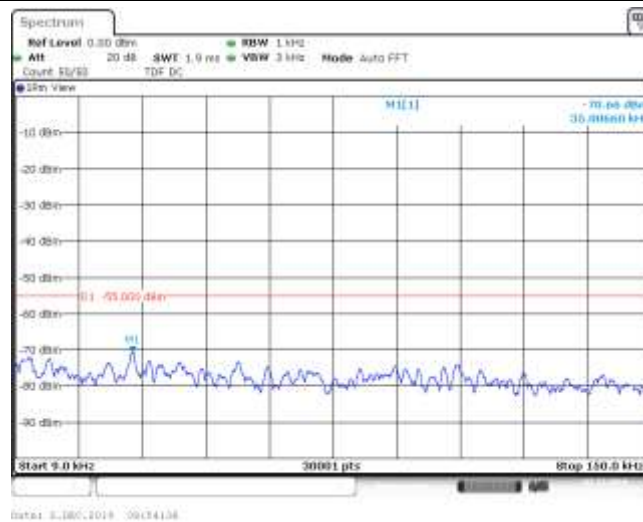
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Band41_10MHz_16QAM_40690_1RB#0



Band41_10MHz_16QAM_41190_1RB#0



Band41_10MHz_16QAM_41190_1RB#0

CTC Laboratories, Inc.

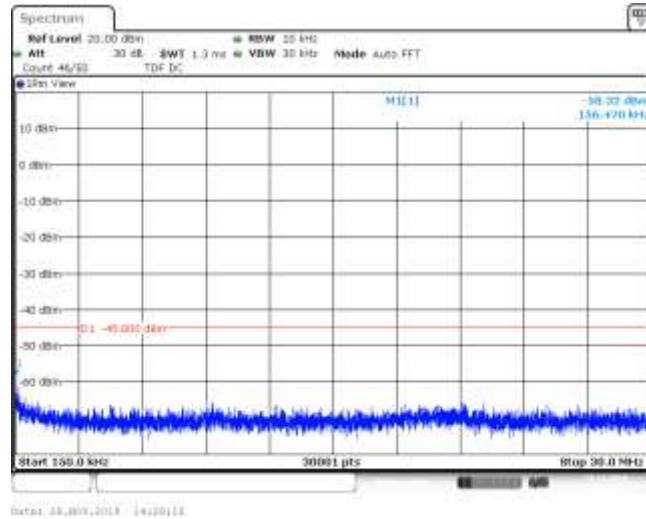
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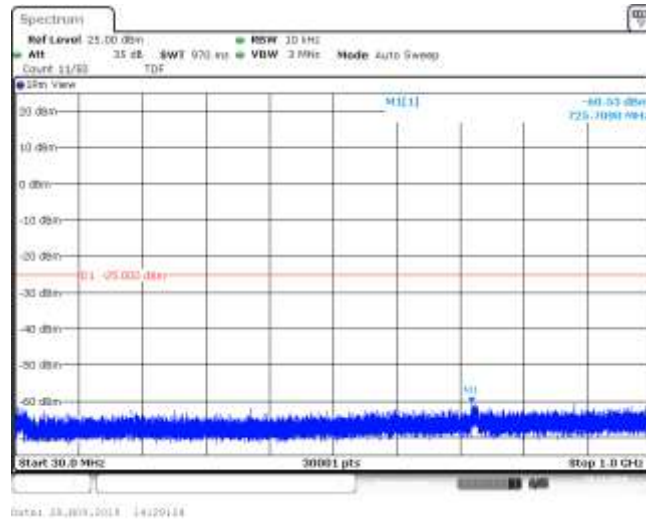
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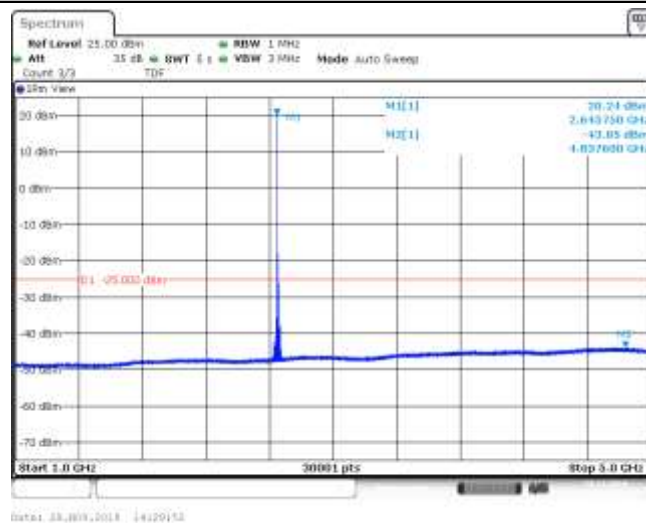
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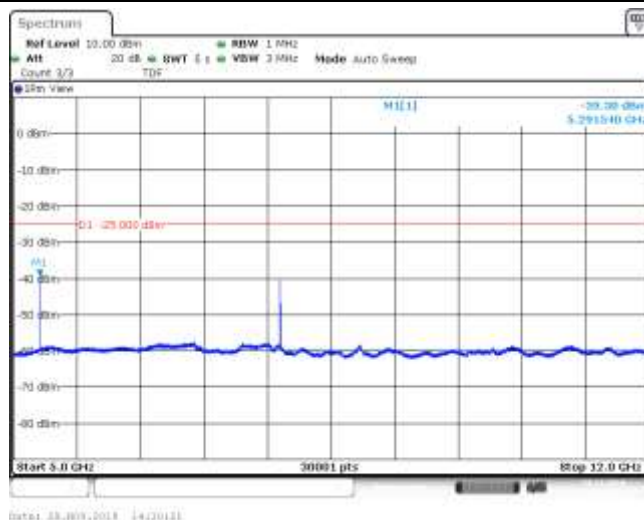
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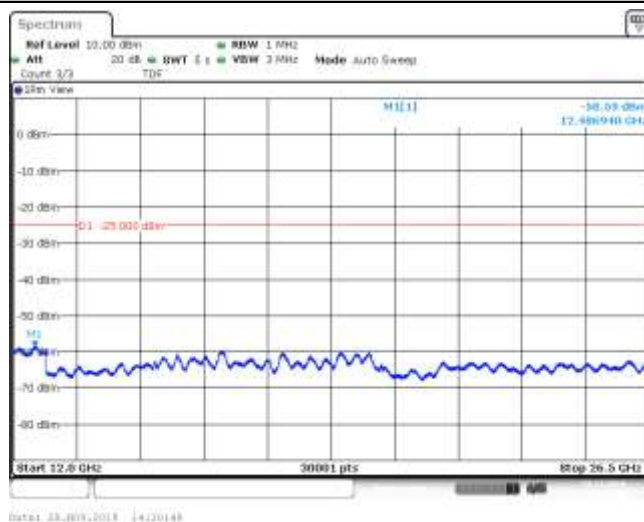
Fax: (86)755-27521011

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Band41_10MHz_16QAM_41190_1RB#0



Band41_10MHz_16QAM_41190_1RB#0



Band41_15MHz_QPSK_40315_1RB#0

CTC Laboratories, Inc.

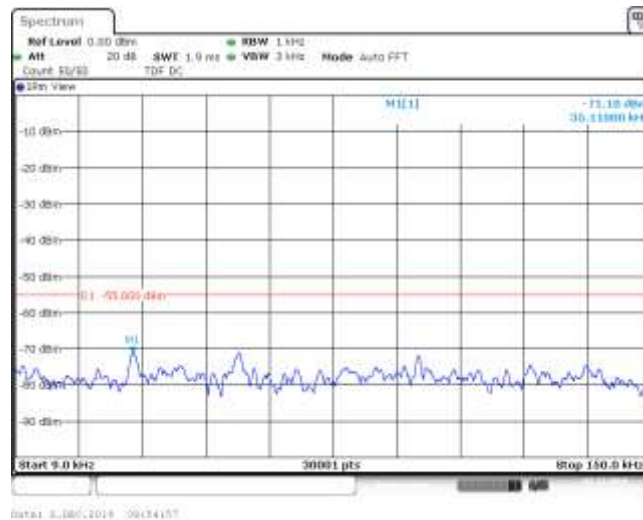
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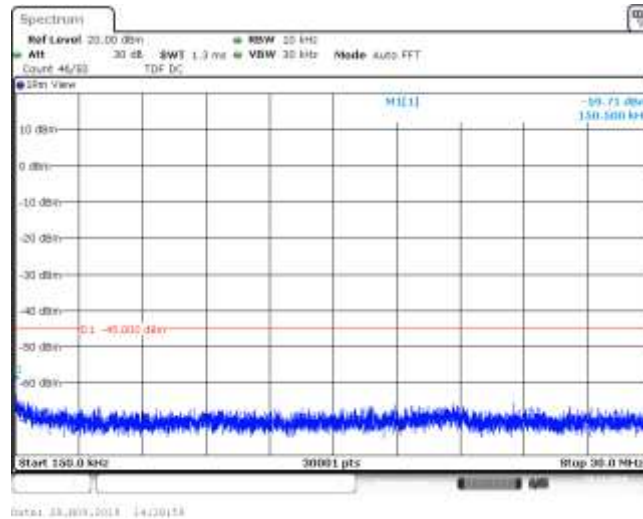
Fax: (86)755-27521011

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

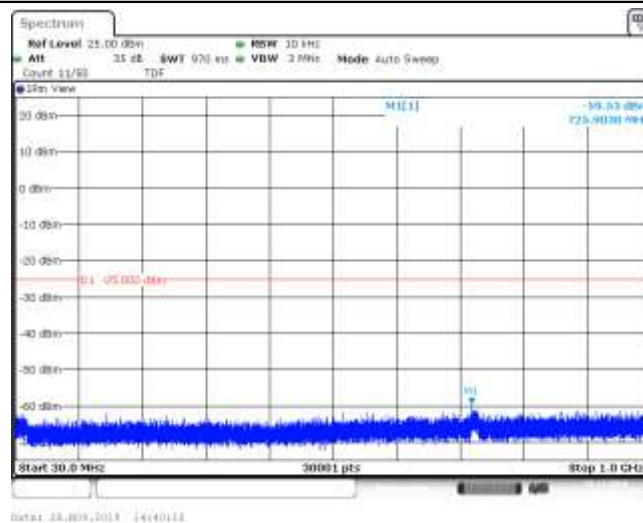
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CTC Laboratories, Inc.

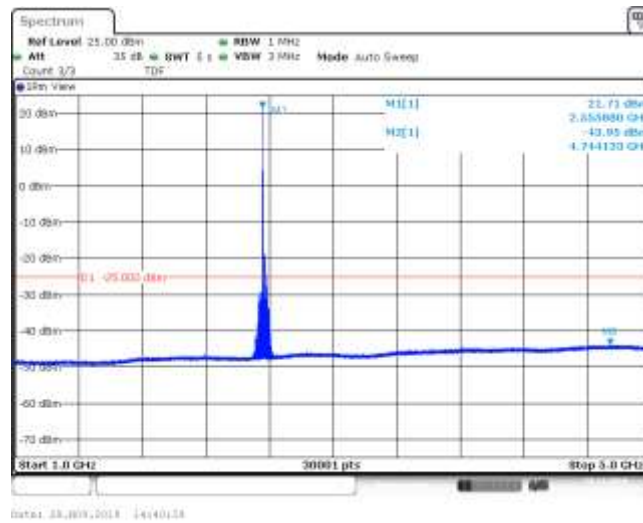
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Tel.: (86)755-27521059

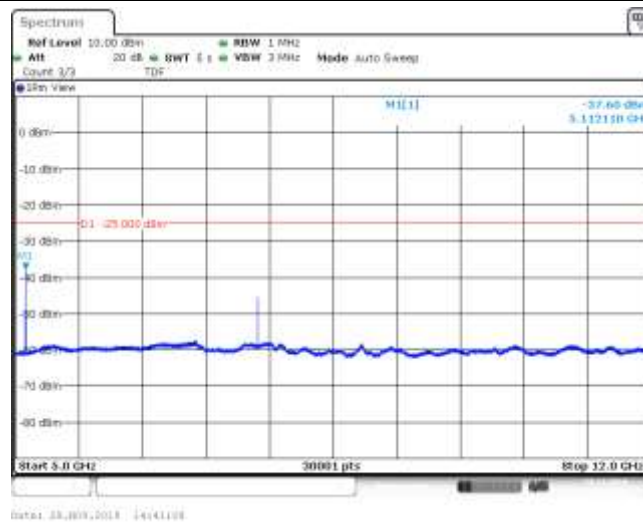
Fax: (86)755-27521011

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Band41_15MHz_QPSK_40315_1RB#0



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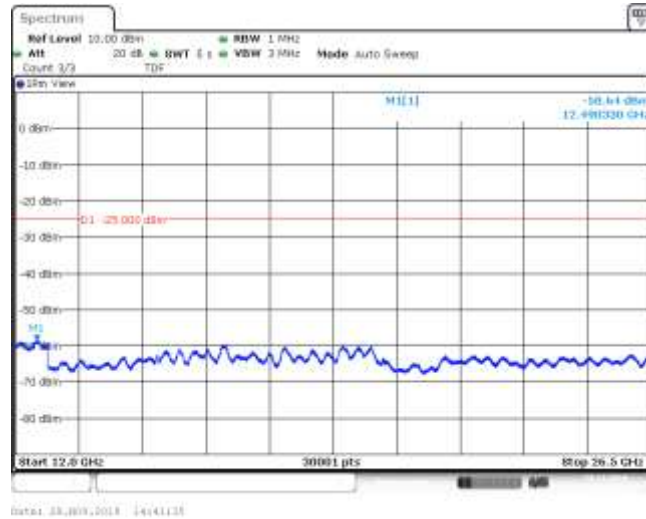
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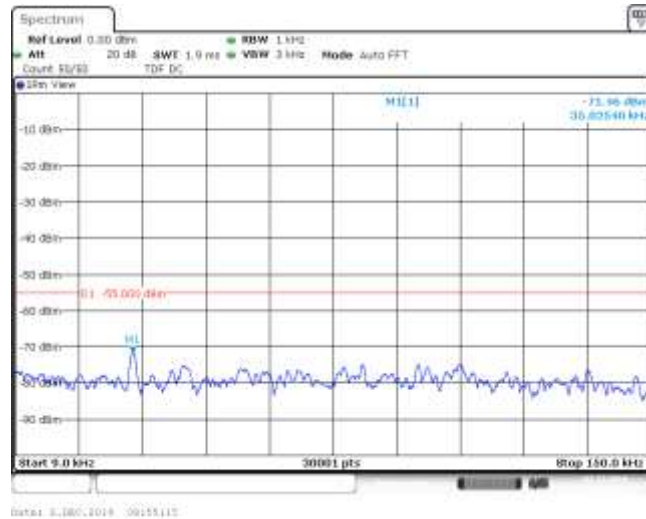
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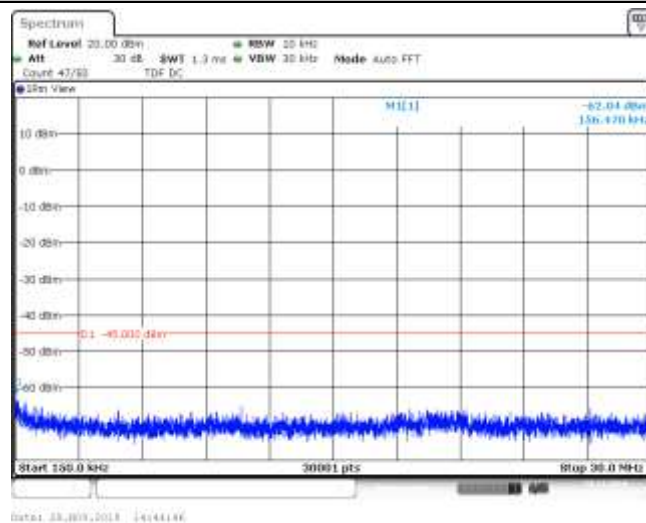

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Band41_15MHz_QPSK_40690_1RB#0



Band41_15MHz_QPSK_40690_1RB#0



CTC Laboratories, Inc.

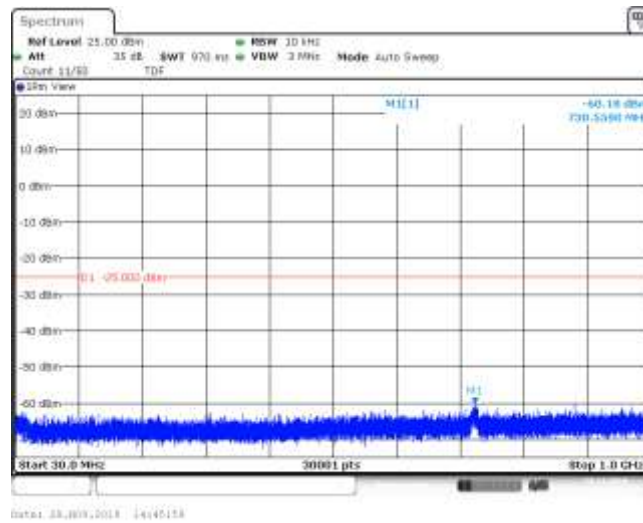
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Tel.: (86)755-27521059

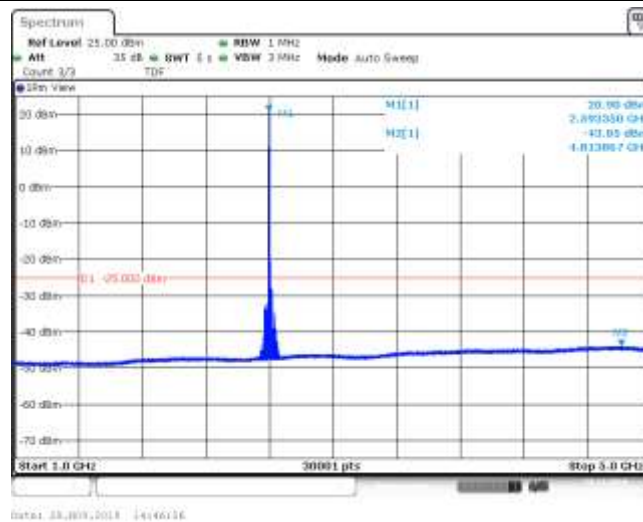
Fax: (86)755-27521011

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

Band41_15MHz_QPSK_40690_1RB#0



Band41_15MHz_QPSK_40690_1RB#0



Band41_15MHz_QPSK_40690_1RB#0

CTC Laboratories, Inc.

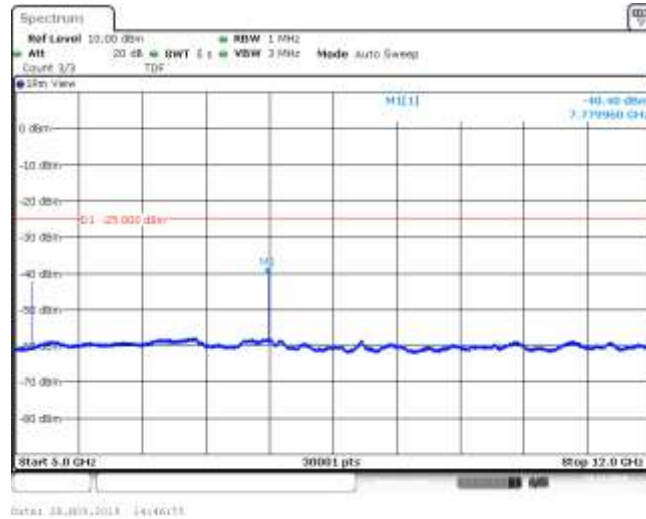
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Tel.: (86)755-27521059

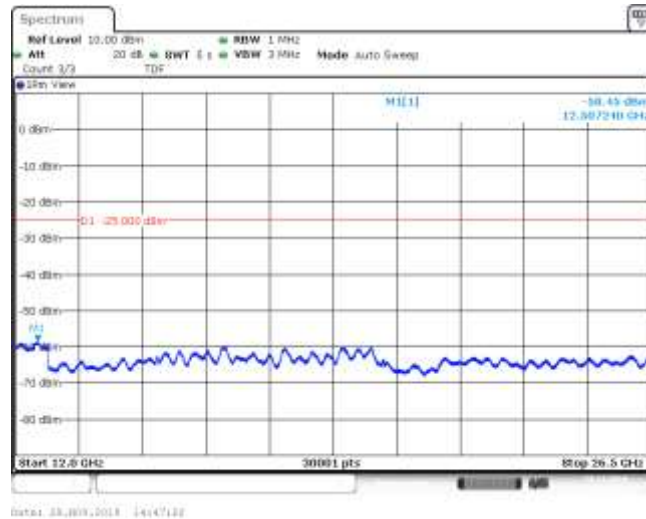
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Http://www.sz-ctc.org.cn

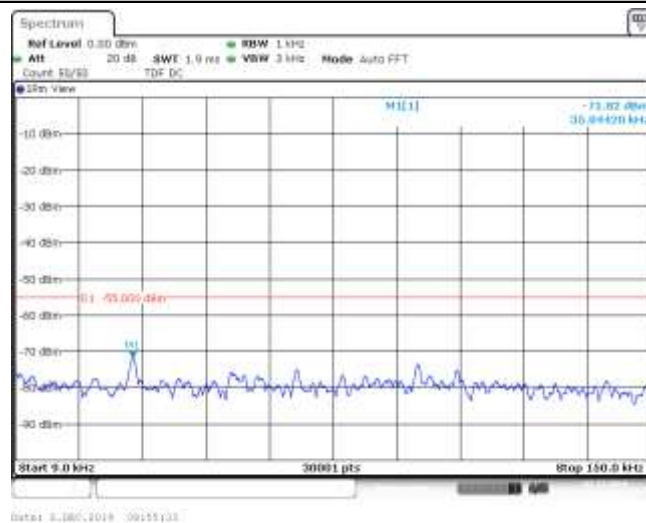

For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : [yz.cnca.cn](http://www.cnca.cn)



Band41_15MHz_QPSK_40690_1RB#0



Band41_15MHz_QPSK_41165_1RB#0



CTC Laboratories, Inc.

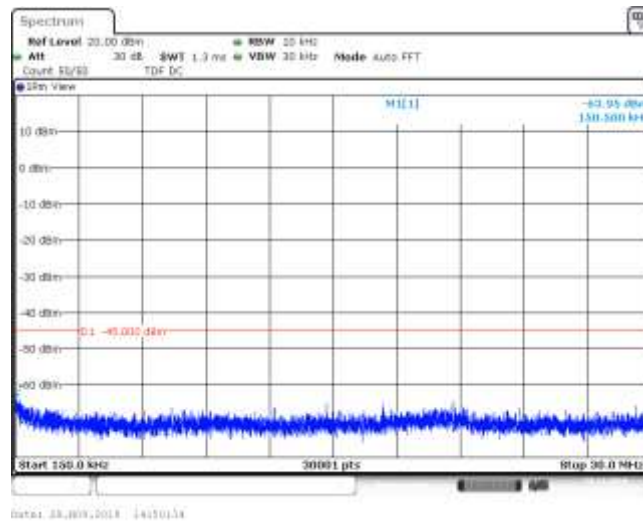
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Tel.: (86)755-27521059

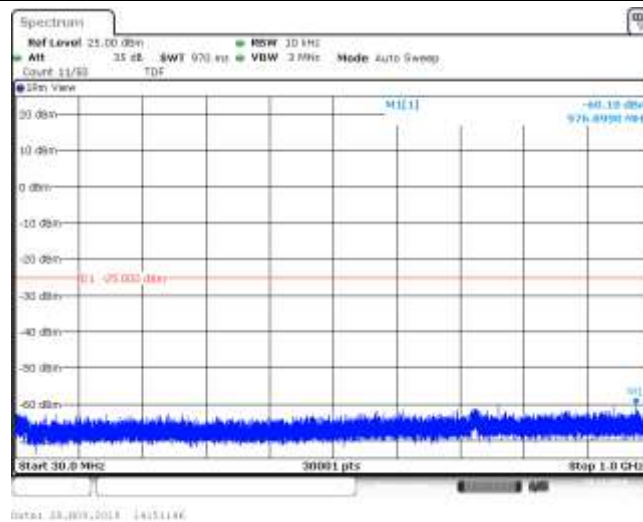
Fax: (86)755-27521011

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

Band41_15MHz_QPSK_41165_1RB#0



Band41_15MHz_QPSK_41165_1RB#0



Band41_15MHz_QPSK_41165_1RB#0

CTC Laboratories, Inc.

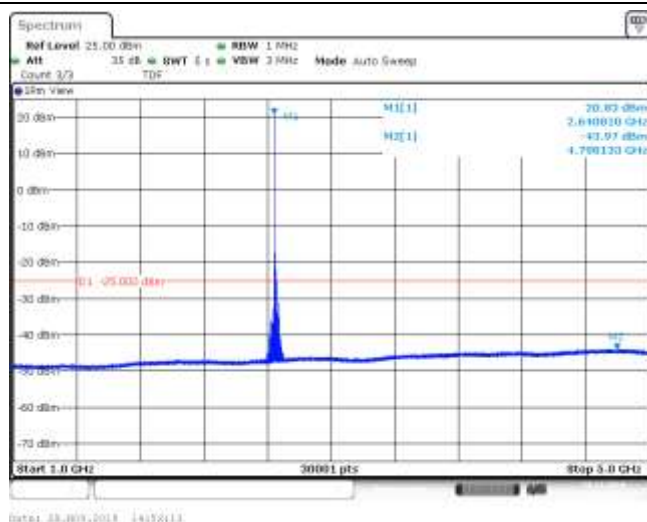
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Tel.: (86)755-27521059

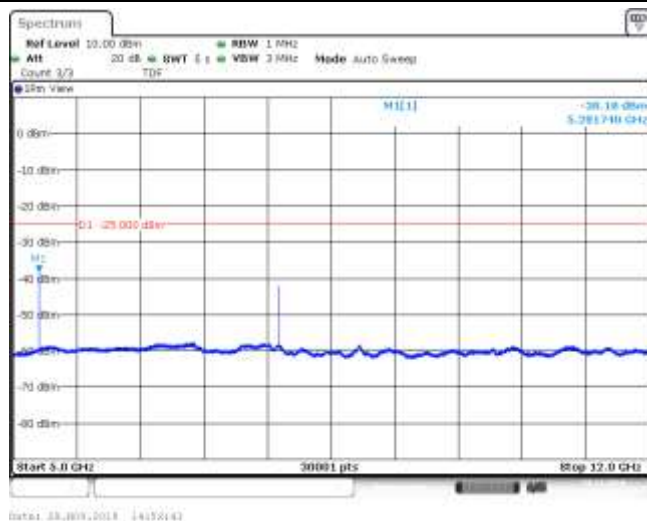
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Http://www.sz-ctc.org.cn

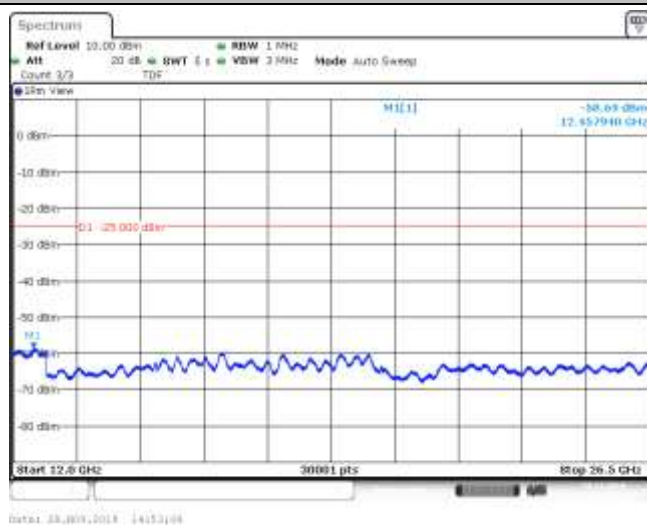

For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : [yz.cnca.cn](http://www.cnca.cn)



Band41_15MHz_QPSK_41165_1RB#0



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CTC Laboratories, Inc.

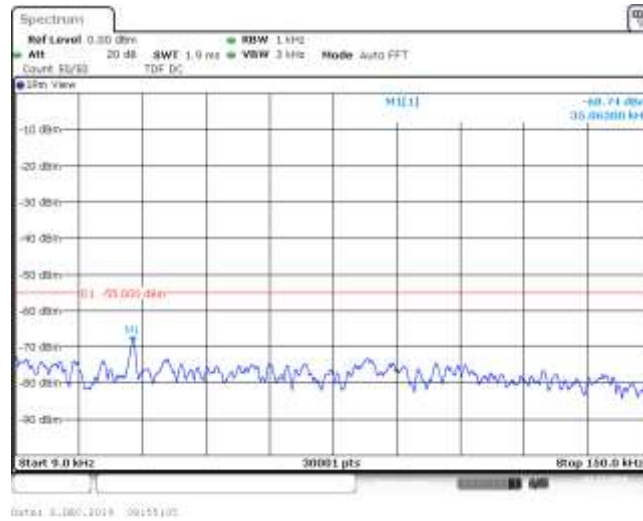
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Tel.: (86)755-27521059

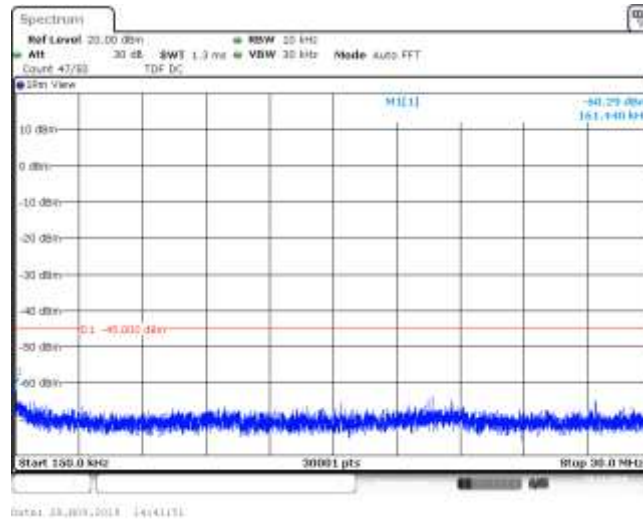
Fax: (86)755-27521011 Http://www.sz-ctc.org.cn


For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn

Band41_15MHz_16QAM_40315_1RB#0



Band41_15MHz_16QAM_40315_1RB#0



Band41_15MHz_16QAM_40315_1RB#0

CTC Laboratories, Inc.

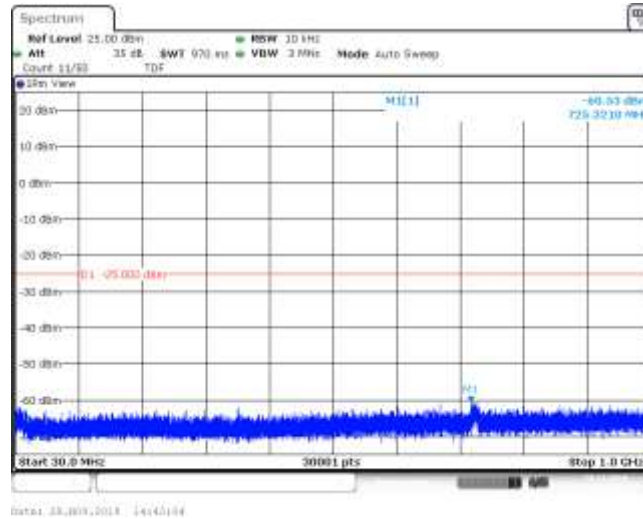
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Tel.: (86)755-27521059

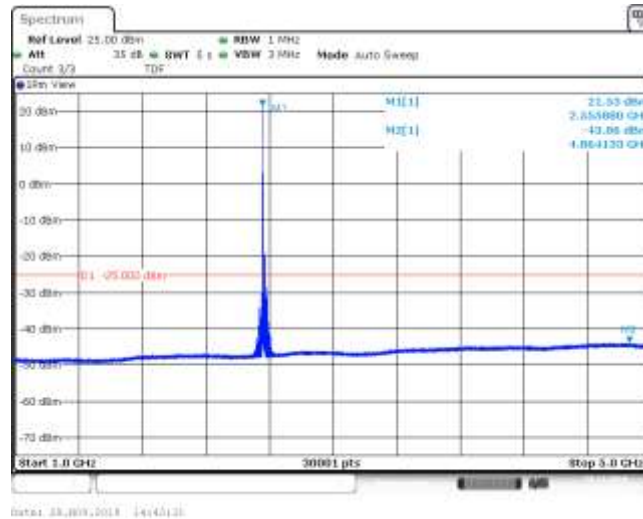
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Http://www.sz-ctc.org.cn

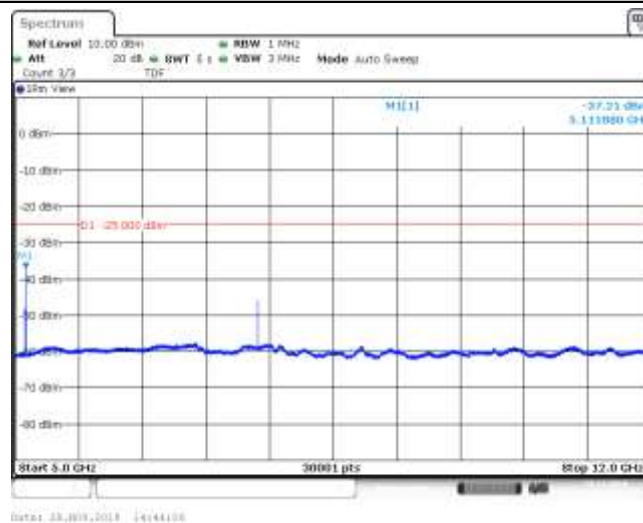
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



Band41_15MHz_16QAM_40315_1RB#0



Band41_15MHz_16QAM_40315_1RB#0



CTC Laboratories, Inc.

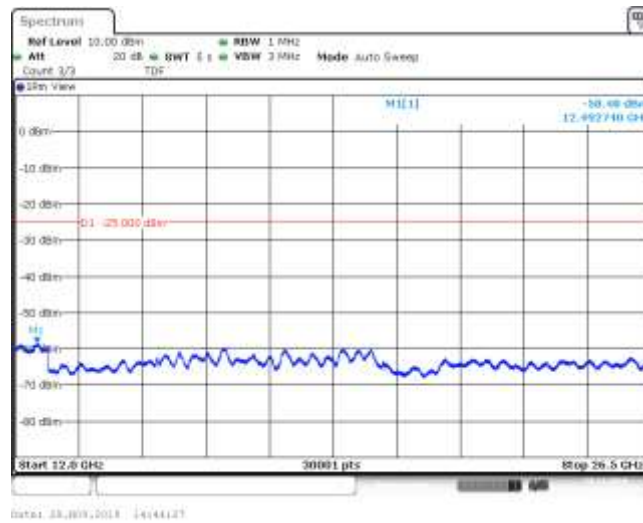
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Tel.: (86)755-27521059

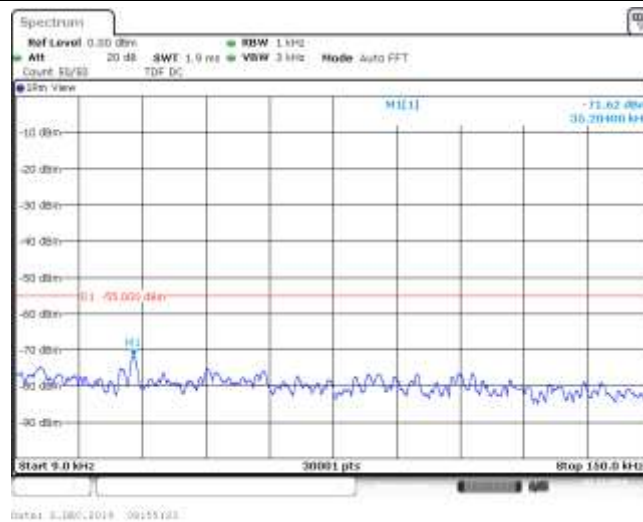
Fax: (86)755-27521011

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

Band41_15MHz_16QAM_40315_1RB#0



Band41_15MHz_16QAM_40690_1RB#0



Band41_15MHz_16QAM_40690_1RB#0

CTC Laboratories, Inc.

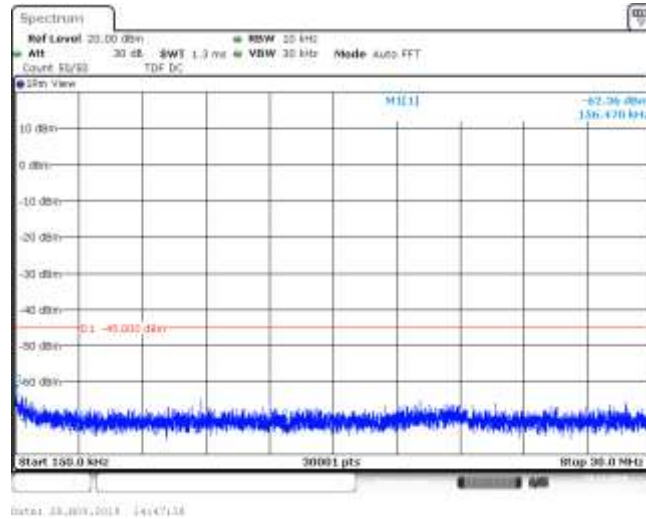
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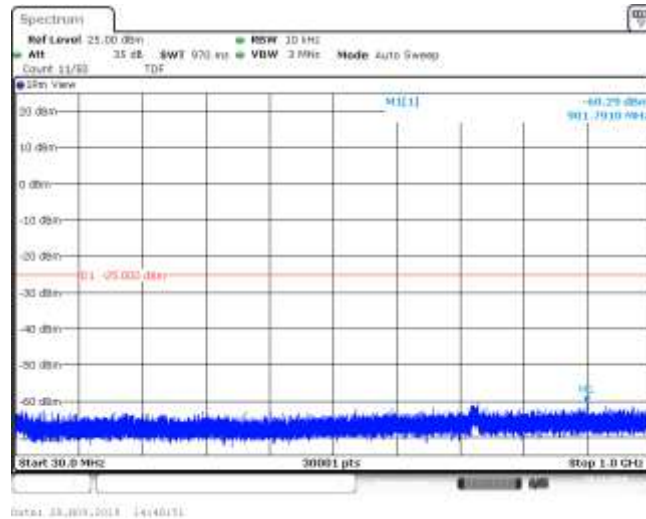
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Http://www.sz-ctc.org.cn

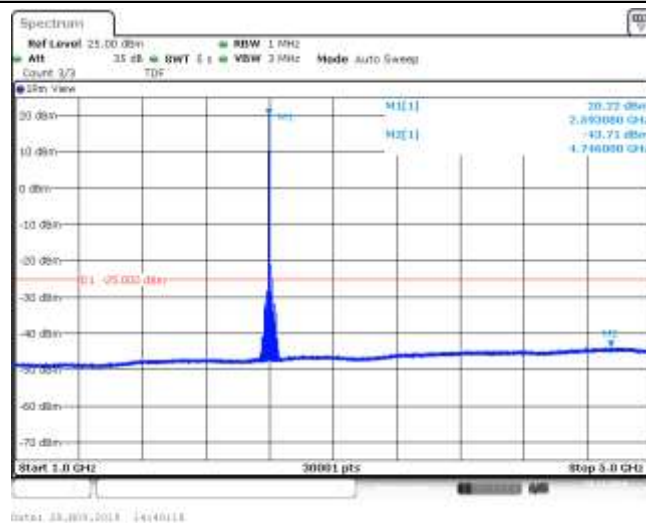
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : www.cnca.cn



Band41_15MHz_16QAM_40690_1RB#0



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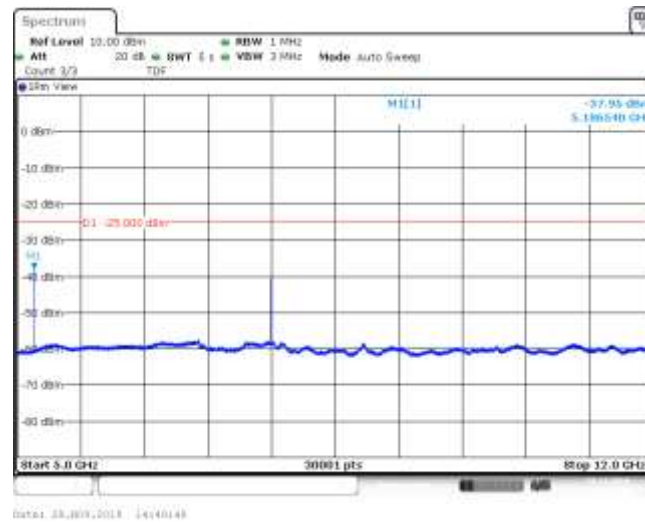
CTC Laboratories, Inc.

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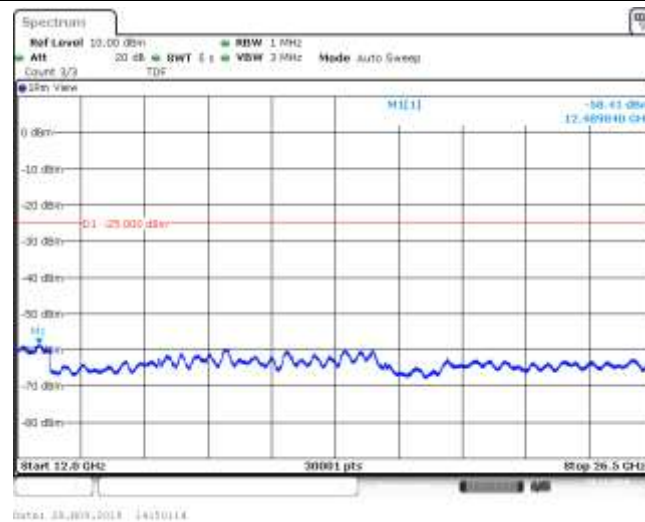
Tel.: (86)755-27521059

Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

Band41_15MHz_16QAM_40690_1RB#0



Band41_15MHz_16QAM_40690_1RB#0



Band41_15MHz_16QAM_41165_1RB#0

CTC Laboratories, Inc.

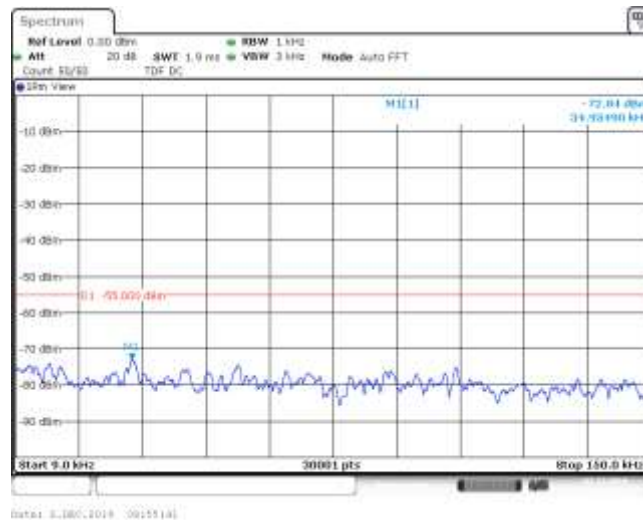
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Tel.: (86)755-27521059

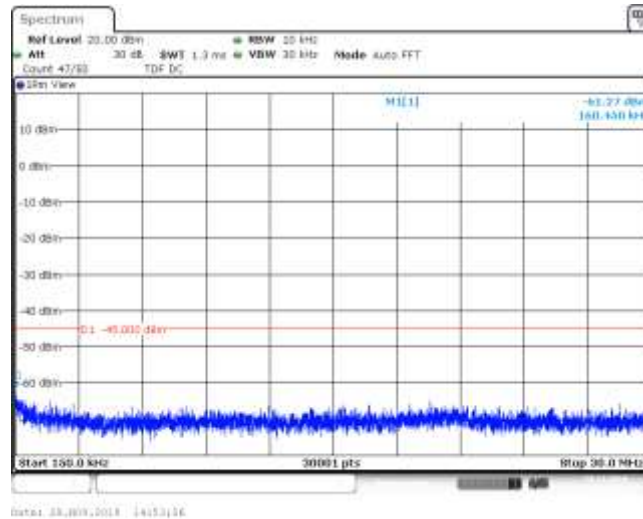
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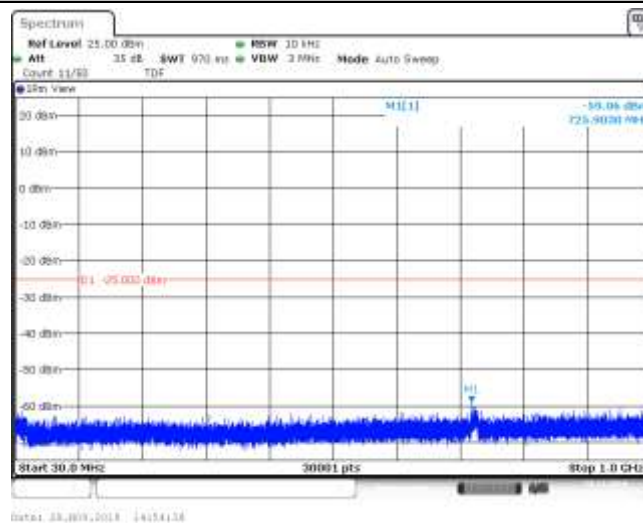
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : [yz.cnca.cn](http://www.cnca.cn)



Band41_15MHz_16QAM_41165_1RB#0



Band41_15MHz_16QAM_41165_1RB#0



CTC Laboratories, Inc.

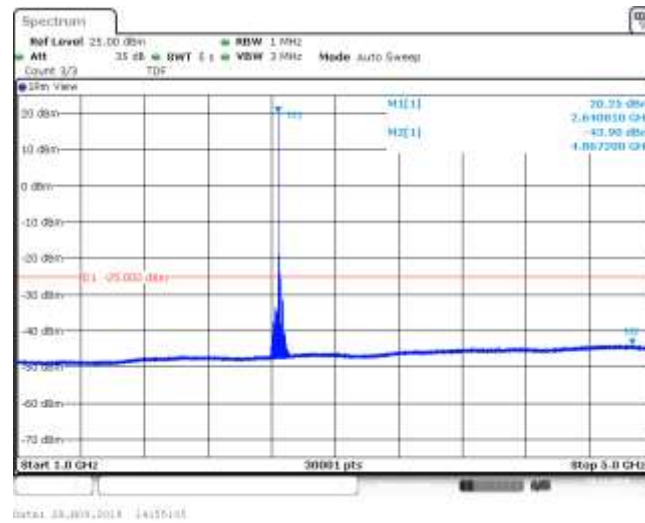
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Tel.: (86)755-27521059

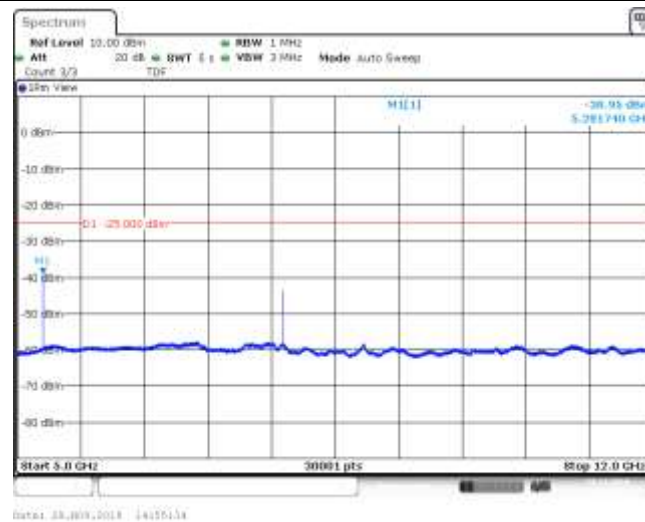
Fax: (86)755-27521011

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

Band41_15MHz_16QAM_41165_1RB#0



Band41_15MHz_16QAM_41165_1RB#0



Band41_15MHz_16QAM_41165_1RB#0

CTC Laboratories, Inc.

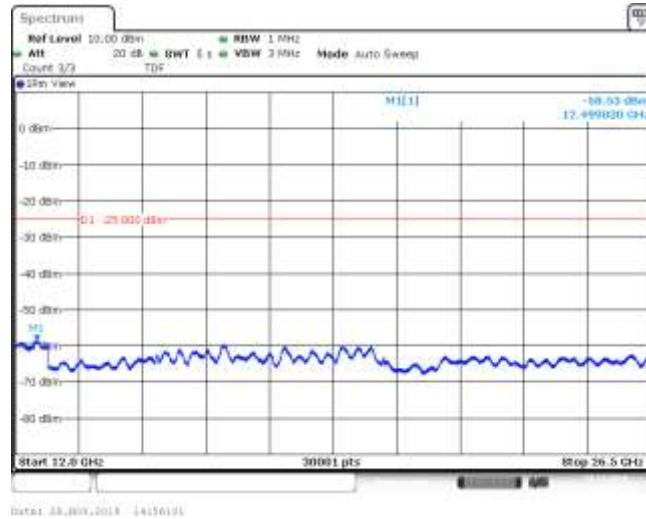
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Tel.: (86)755-27521059

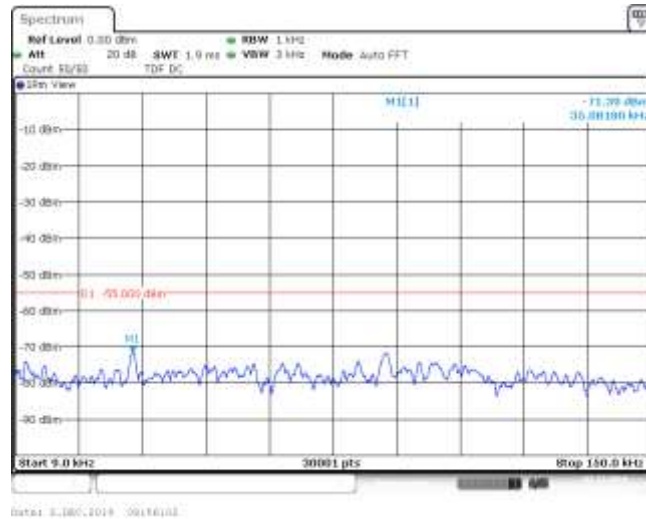
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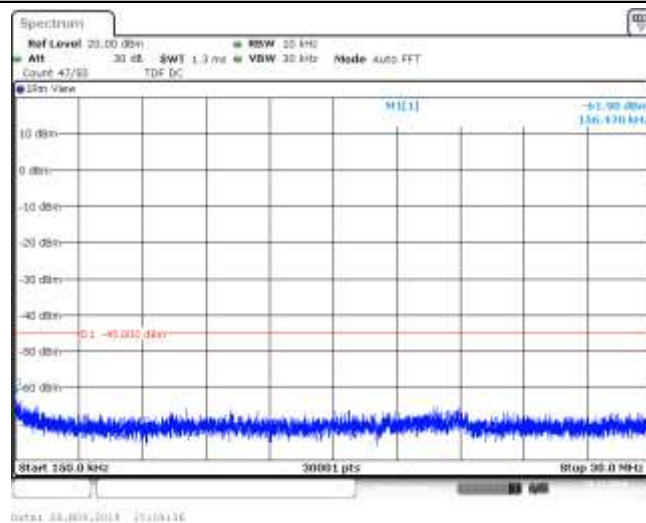
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



Band41_20MHz_QPSK_40340_1RB#0



Band41_20MHz_QPSK_40340_1RB#0



CTC Laboratories, Inc.

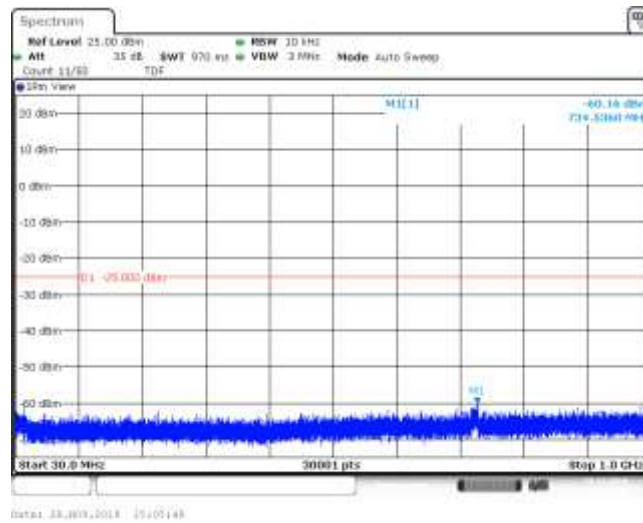
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Tel.: (86)755-27521059

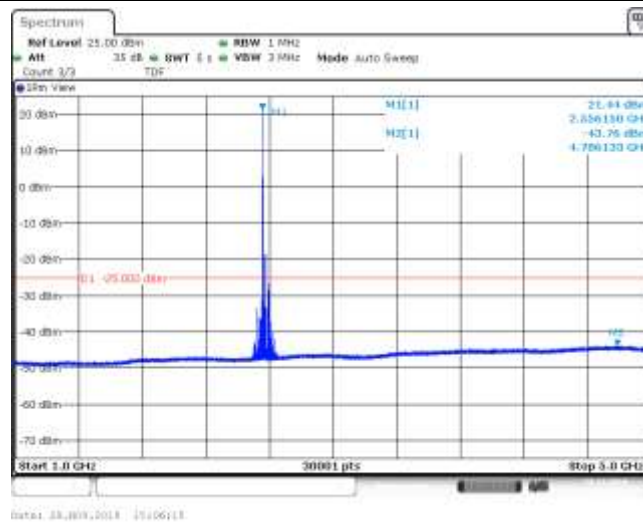
Fax: (86)755-27521011

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

Band41_20MHz_QPSK_40340_1RB#0



Band41_20MHz_QPSK_40340_1RB#0



Band41_20MHz_QPSK_40340_1RB#0

CTC Laboratories, Inc.

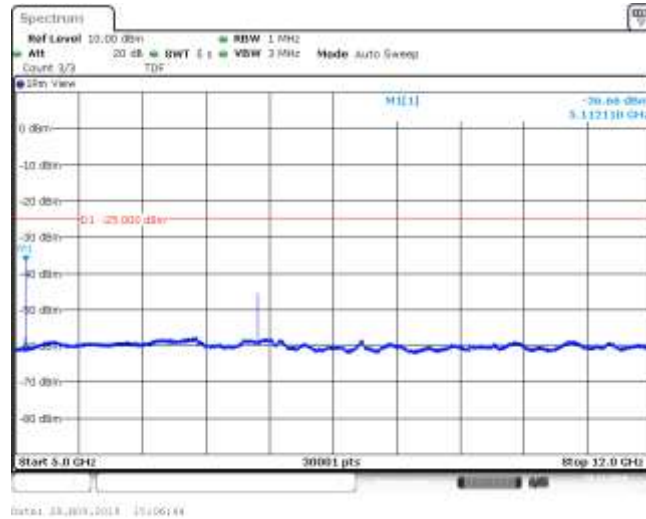
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Tel.: (86)755-27521059

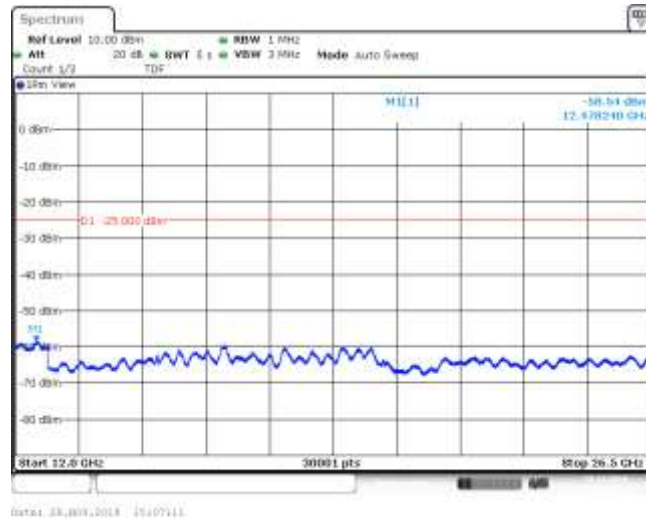
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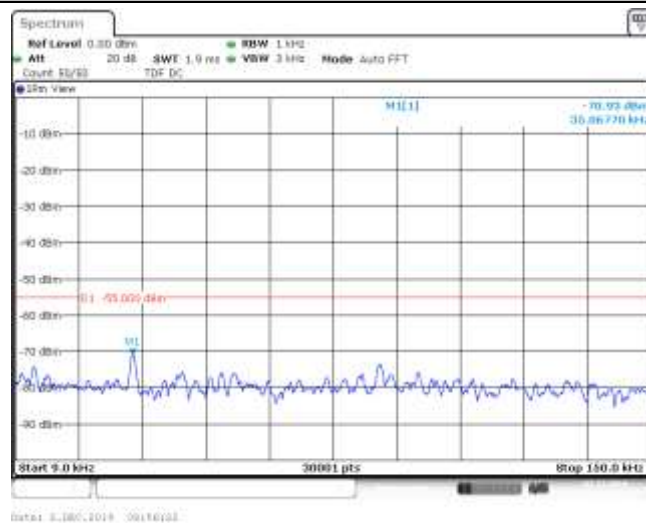

For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : [yz.cnca.cn](http://www.cnca.cn)



Band41_20MHz_QPSK_40340_1RB#0



Band41_20MHz_QPSK_40690_1RB#0



CTC Laboratories, Inc.

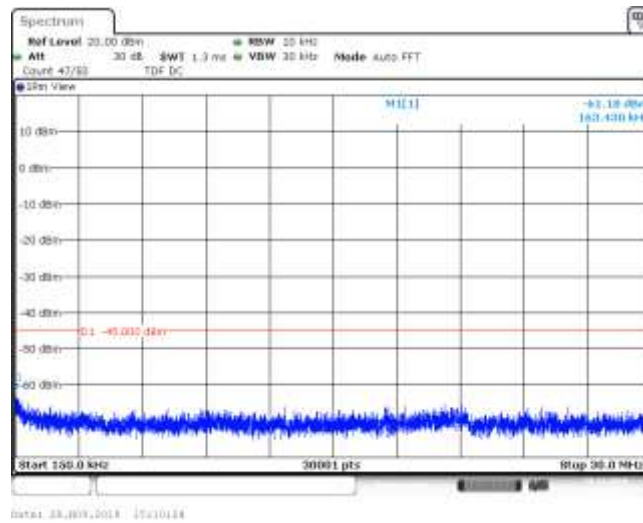
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Tel.: (86)755-27521059

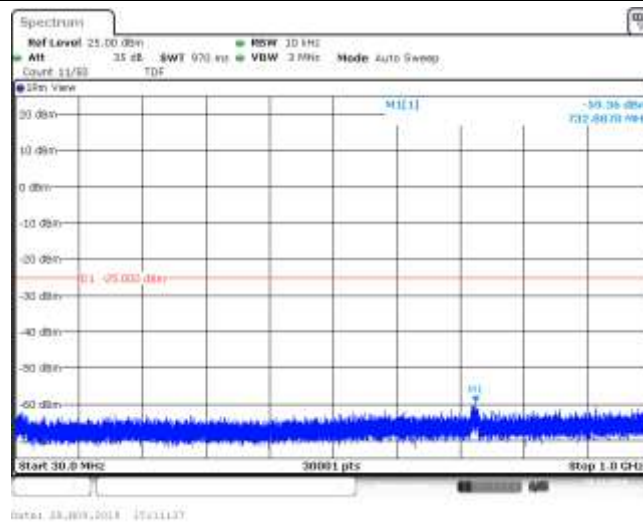
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Http://www.sz-ctc.org.cn

Band41_20MHz_QPSK_40690_1RB#0



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CTC Laboratories, Inc.

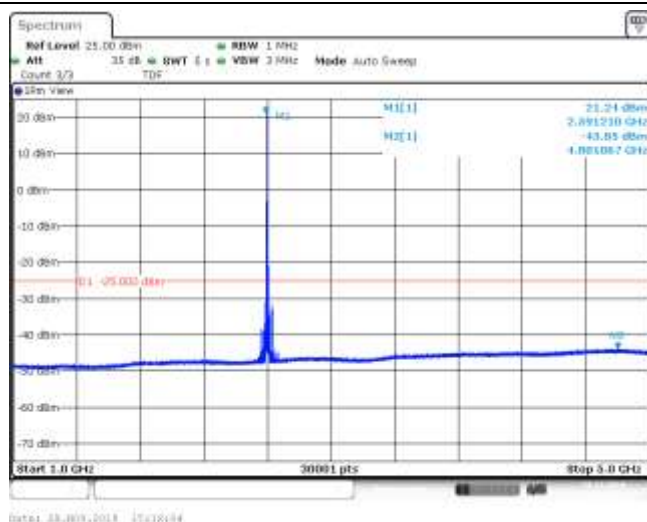
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Tel.: (86)755-27521059

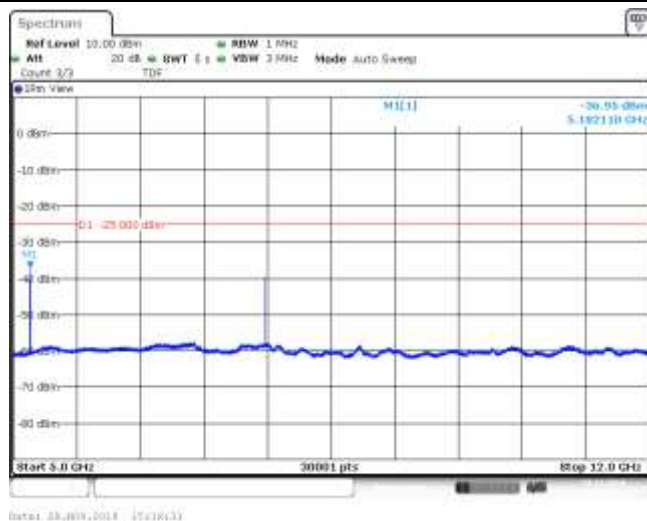
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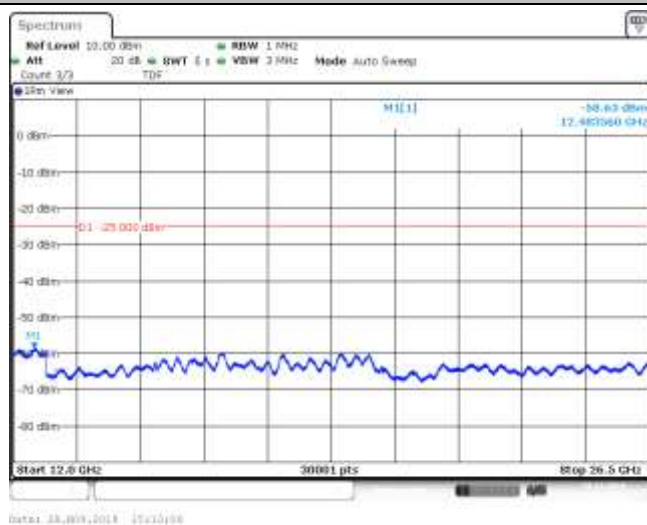

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Band41_20MHz_QPSK_40690_1RB#0



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CTC Laboratories, Inc.

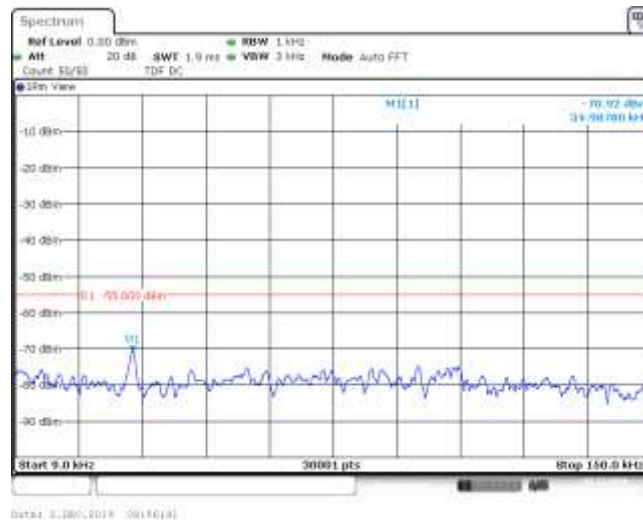
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Tel.: (86)755-27521059

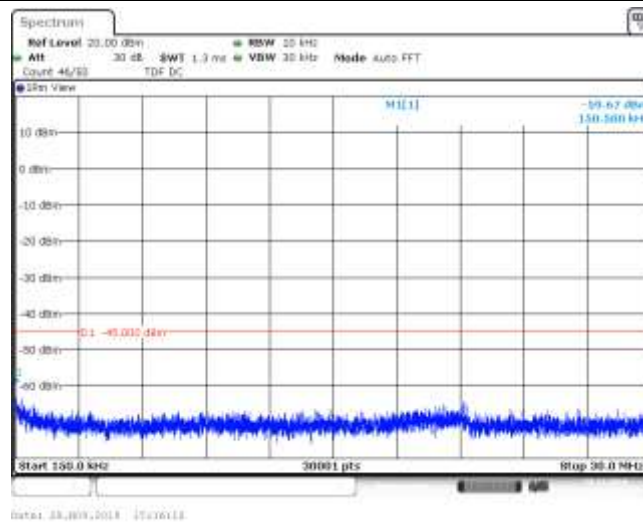
Fax: (86)755-27521011 Http://www.sz-ctc.org.cn


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Band41_20MHz_QPSK_41140_1RB#0



Band41_20MHz_QPSK_41140_1RB#0



Band41_20MHz_QPSK_41140_1RB#0

CTC Laboratories, Inc.

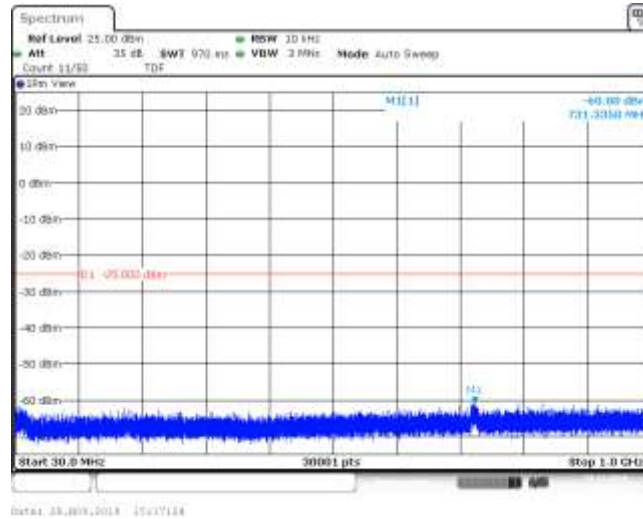
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Tel.: (86)755-27521059

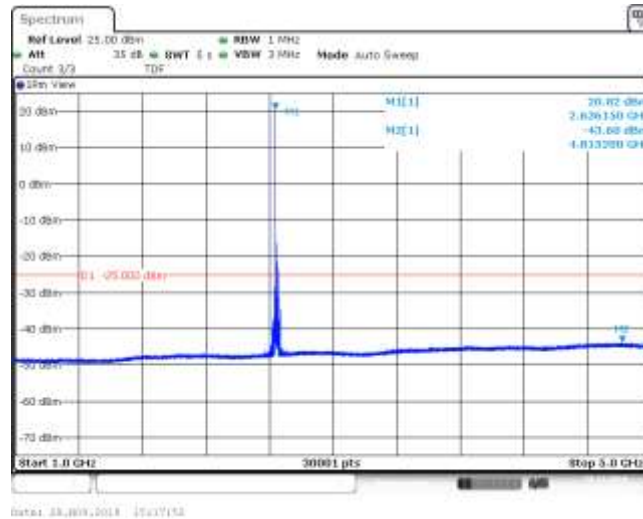
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Http://www.sz-ctc.org.cn

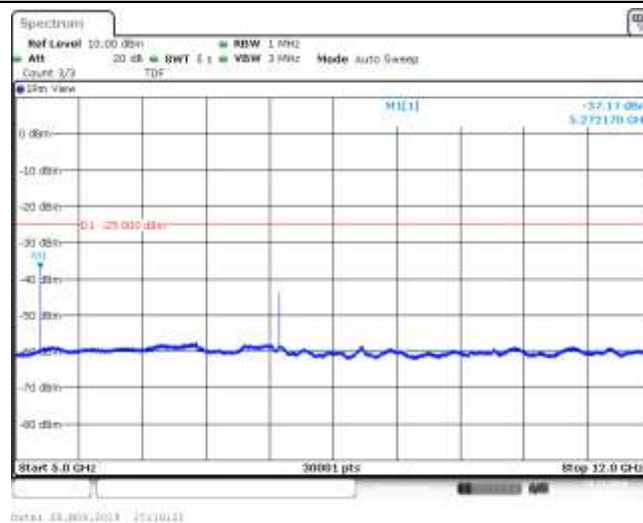
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Band41_20MHz_QPSK_41140_1RB#0



Band41_20MHz_QPSK_41140_1RB#0



CTC Laboratories, Inc.

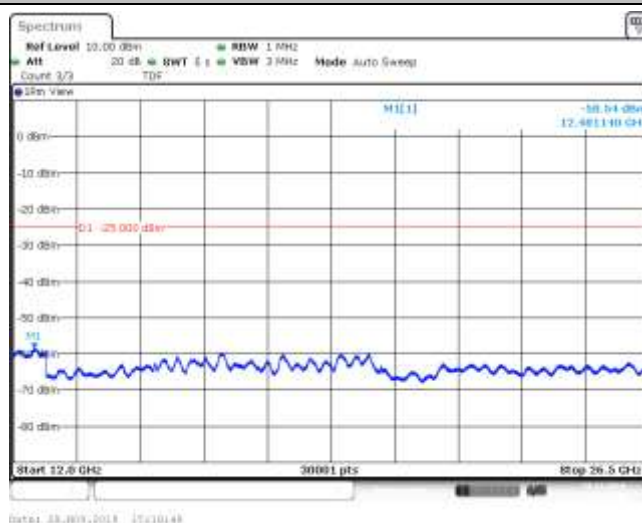
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Tel.: (86)755-27521059

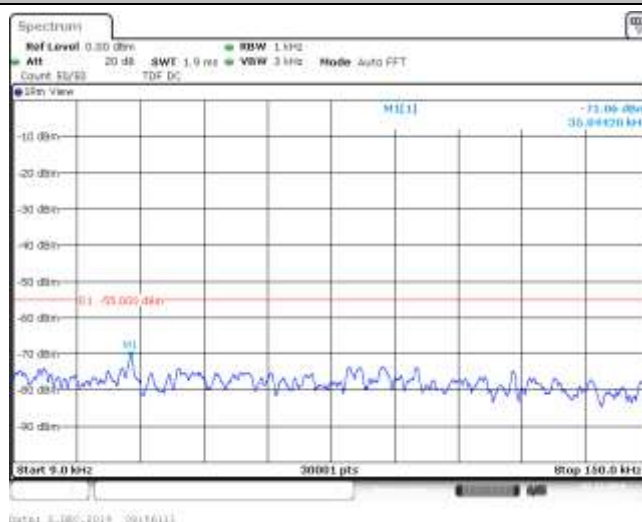
Fax: (86)755-27521011

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

Band41_20MHz_QPSK_41140_1RB#0



Band41_20MHz_16QAM_40340_1RB#0



Band41_20MHz_16QAM_40340_1RB#0

CTC Laboratories, Inc.

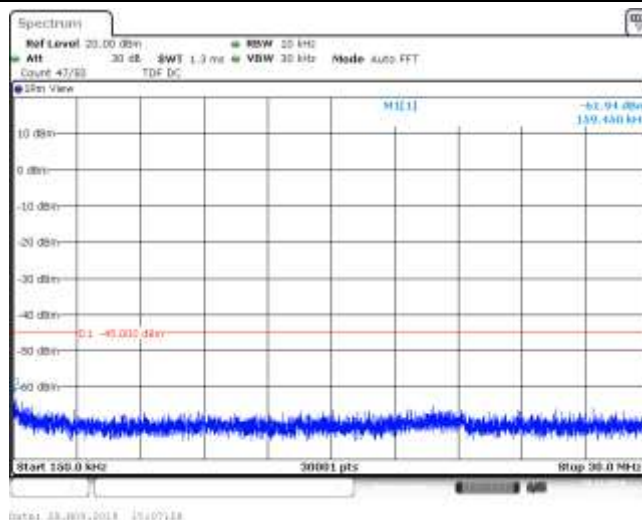
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Tel.: (86)755-27521059

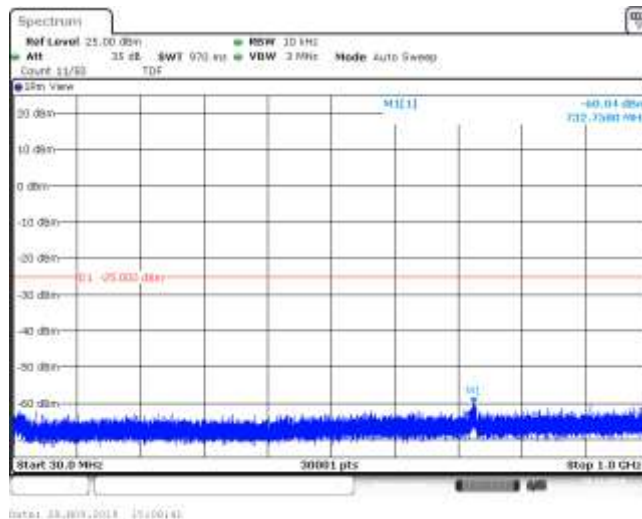
Fax: (86)755-27521011

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

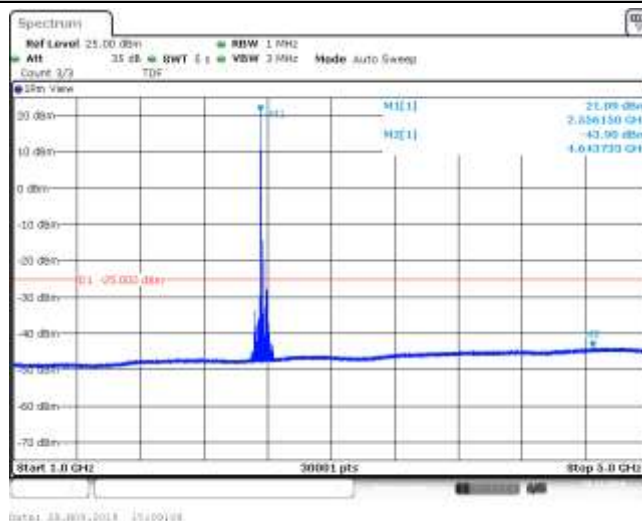
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : [yz.cnca.cn](http://www.cnca.cn)



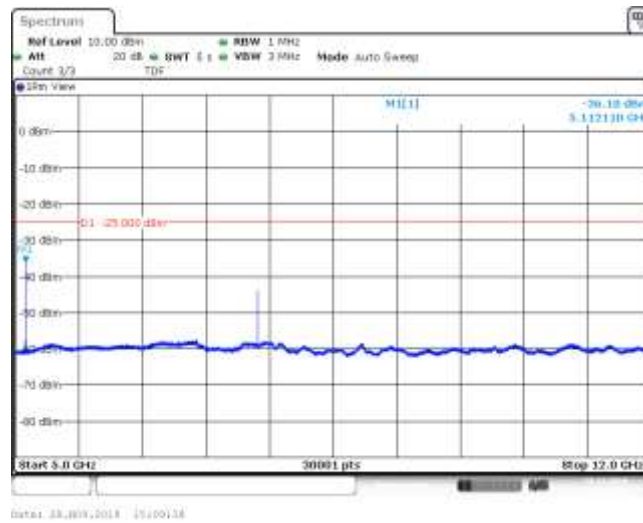
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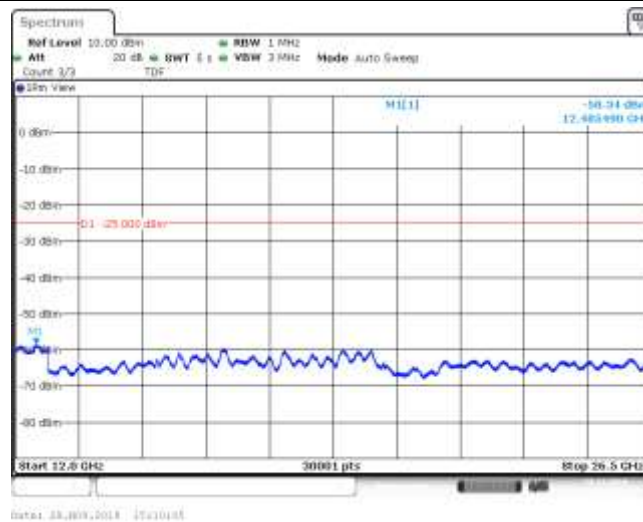
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CTC Laboratories, Inc.

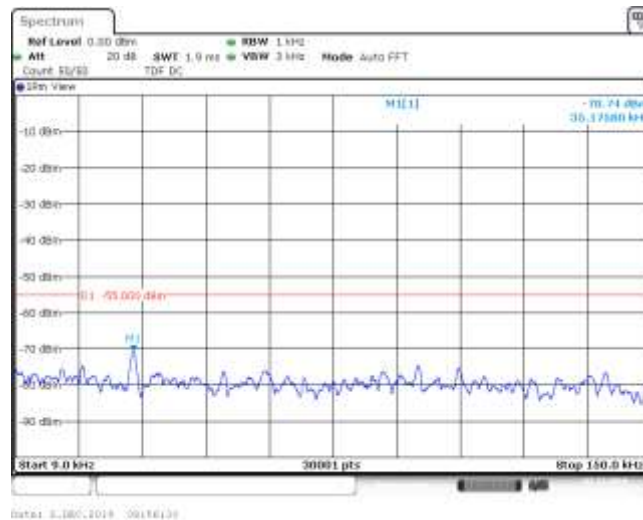
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Tel.: (86)755-27521059

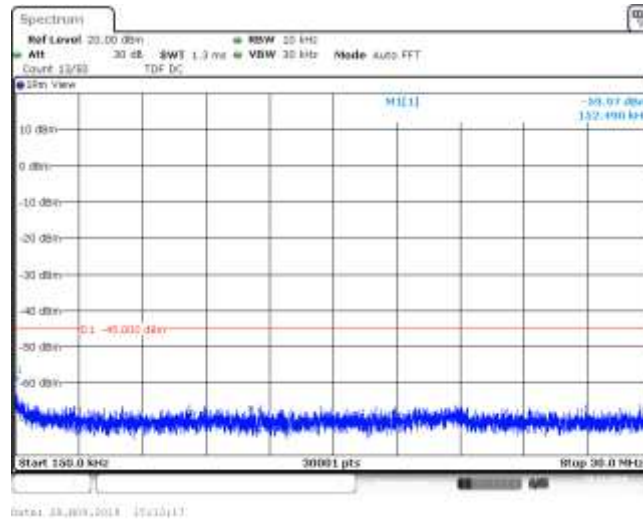
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Http://www.sz-ctc.org.cn

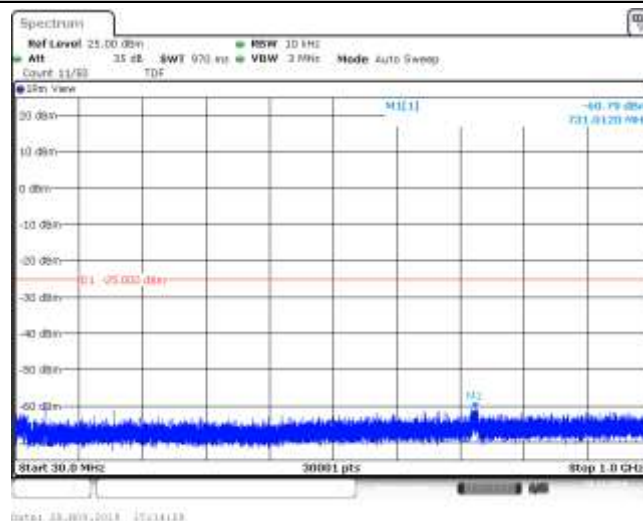
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Band41_20MHz_16QAM_40690_1RB#0



Band41_20MHz_16QAM_40690_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

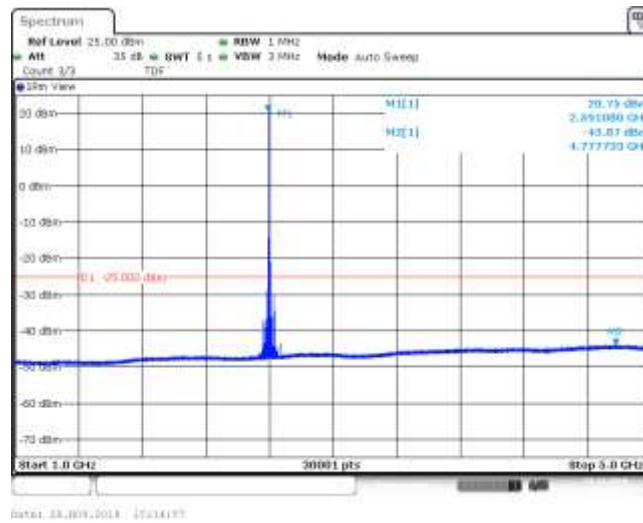
Tel.: (86)755-27521059

Fax: (86)755-27521011

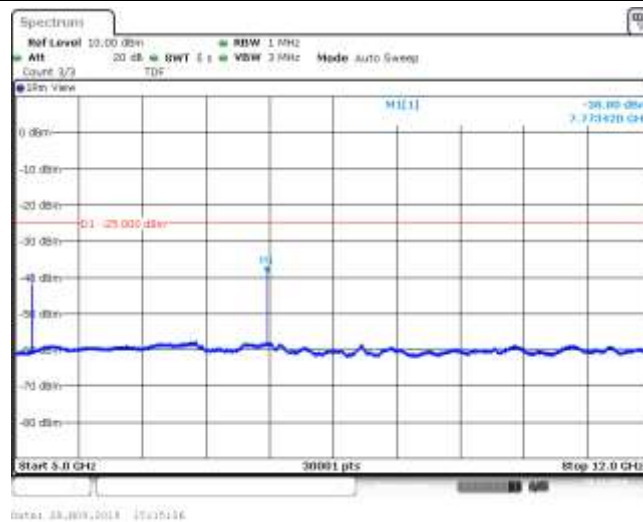
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Band41_20MHz_16QAM_40690_1RB#0



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Band41_20MHz_16QAM_40690_1RB#0

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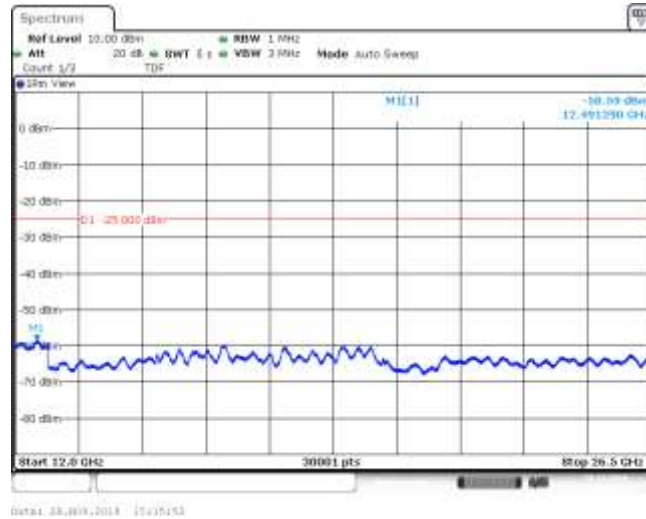
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

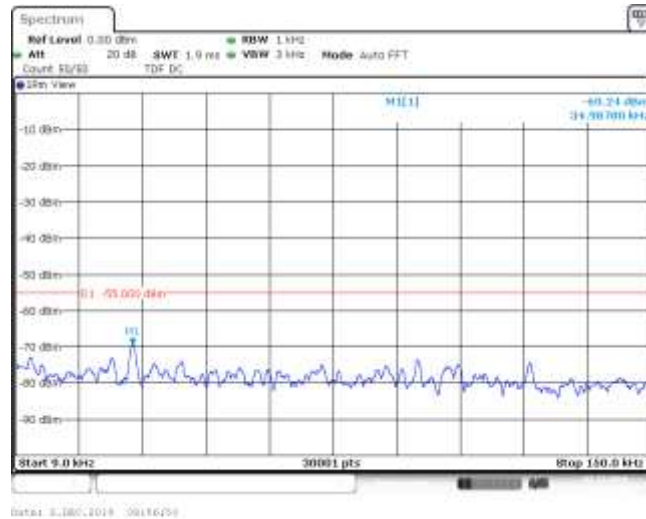
Fax: (86)755-27521011

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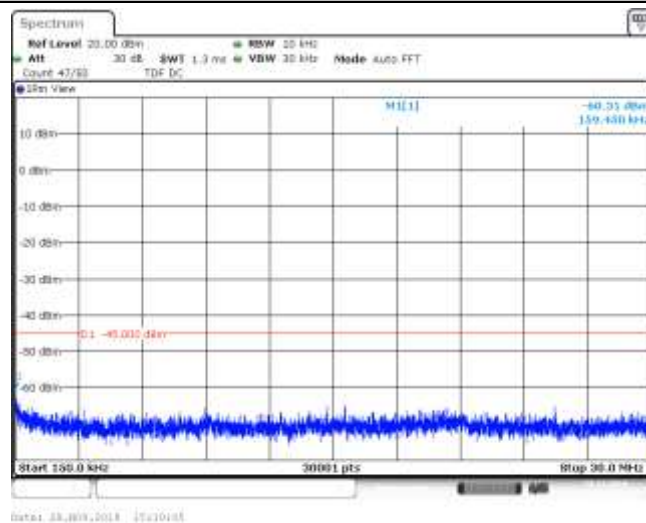
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Band41_20MHz_16QAM_41140_1RB#0



Band41_20MHz_16QAM_41140_1RB#0



CTC Laboratories, Inc.

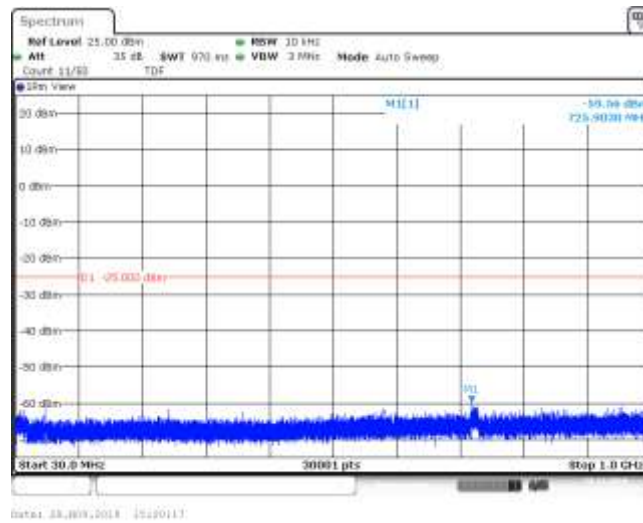
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

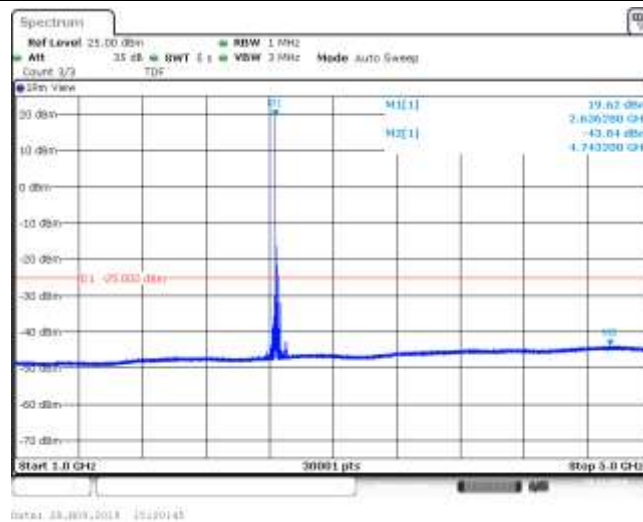
Fax: (86)755-27521011 Http://www.sz-ctc.org.cn


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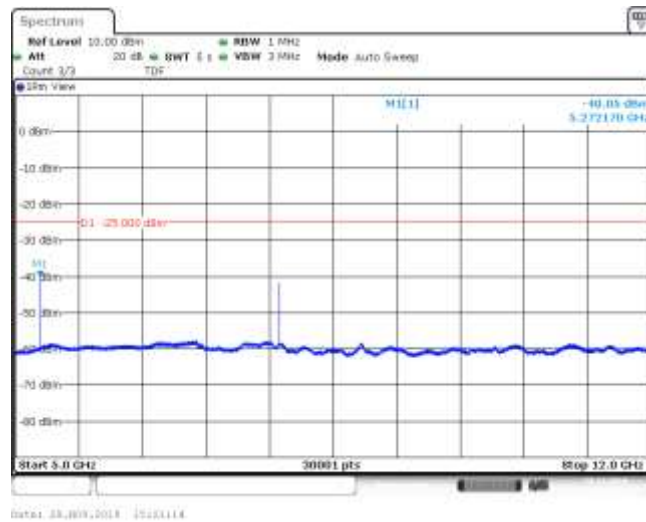
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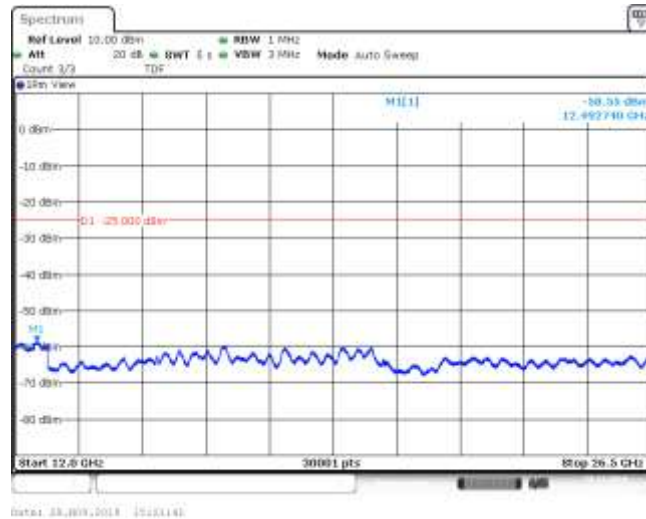
Band41_20MHz_16QAM_41140_1RB#0



Band41_20MHz_16QAM_41140_1RB#0



Band41_20MHz_16QAM_41140_1RB#0



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Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	40690	25RB#0	VL	NT	18.80	0.007231	±2.5	PASS
Band41	5MHz	QPSK	40690	25RB#0	VN	NT	14.05	0.005404	±2.5	PASS
Band41	5MHz	QPSK	40690	25RB#0	VH	NT	16.31	0.006273	±2.5	PASS
Band41	10MHz	QPSK	40690	50RB#0	VL	NT	17.18	0.006608	±2.5	PASS
Band41	10MHz	QPSK	40690	50RB#0	VN	NT	18.75	0.007212	±2.5	PASS
Band41	10MHz	QPSK	40690	50RB#0	VH	NT	22.77	0.008758	±2.5	PASS
Band41	15MHz	QPSK	40690	75RB#0	VL	NT	22.09	0.008496	±2.5	PASS
Band41	15MHz	QPSK	40690	75RB#0	VN	NT	66.80	0.025692	±2.5	PASS
Band41	15MHz	QPSK	40690	75RB#0	VH	NT	-50.55	-0.019442	±2.5	PASS
Band41	20MHz	QPSK	40690	100RB#0	VL	NT	58.55	0.022519	±2.5	PASS
Band41	20MHz	QPSK	40690	100RB#0	VN	NT	36.01	0.013850	±2.5	PASS
Band41	20MHz	QPSK	40690	100RB#0	VH	NT	17.52	0.006738	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	40690	25RB#0	NV	-30	16.04	0.006169	±2.5	PASS
Band41	5MHz	QPSK	40690	25RB#0	NV	-20	12.22	0.004700	±2.5	PASS
Band41	5MHz	QPSK	40690	25RB#0	NV	0	19.40	0.007462	±2.5	PASS
Band41	5MHz	QPSK	40690	25RB#0	NV	10	14.58	0.005608	±2.5	PASS
Band41	5MHz	QPSK	40690	25RB#0	NV	20	14.92	0.005738	±2.5	PASS
Band41	10MHz	QPSK	40690	50RB#0	NV	-30	25.62	0.009854	±2.5	PASS
Band41	10MHz	QPSK	40690	50RB#0	NV	-20	22.60	0.008692	±2.5	PASS
Band41	10MHz	QPSK	40690	50RB#0	NV	0	14.45	0.005558	±2.5	PASS
Band41	10MHz	QPSK	40690	50RB#0	NV	10	26.48	0.010185	±2.5	PASS
Band41	10MHz	QPSK	40690	50RB#0	NV	20	25.89	0.009958	±2.5	PASS
Band41	15MHz	QPSK	40690	75RB#0	NV	-30	-19.86	-0.007638	±2.5	PASS
Band41	15MHz	QPSK	40690	75RB#0	NV	-20	21.14	0.008131	±2.5	PASS
Band41	15MHz	QPSK	40690	75RB#0	NV	0	46.03	0.017704	±2.5	PASS
Band41	15MHz	QPSK	40690	75RB#0	NV	10	13.56	0.005215	±2.5	PASS
Band41	15MHz	QPSK	40690	75RB#0	NV	20	14.68	0.005646	±2.5	PASS
Band41	20MHz	QPSK	40690	100RB#0	NV	-30	69.51	0.026735	±2.5	PASS
Band41	20MHz	QPSK	40690	100RB#0	NV	-20	42.34	0.016285	±2.5	PASS
Band41	20MHz	QPSK	40690	100RB#0	NV	0	33.82	0.013008	±2.5	PASS
Band41	20MHz	QPSK	40690	100RB#0	NV	10	-17.74	-0.006823	±2.5	PASS
Band41	20MHz	QPSK	40690	100RB#0	NV	20	40.44	0.015554	±2.5	PASS

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