



Appendix for LTE Band2

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
Band2	1.4MHz	QPSK	18607	1RB#0	22.99	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.04	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.10	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.05	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.82	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.88	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.94	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.77	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.83	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.02	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.81	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.82	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.06	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.93	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.24	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.27	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.22	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.01	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.93	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.01	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.15	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.13	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.13	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.22	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	23.02	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.81	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.84	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.07	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.92	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.10	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.96	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.78	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	23.03	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	23.04	PASS

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Band2	1.4MHz	16QAM	18900	6RB#0	20.92	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.16	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.44	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.38	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.99	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.95	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	23.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.28	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.04	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.10	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.04	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.95	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.13	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.99	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.22	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.22	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.30	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.06	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.34	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.36	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.35	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.29	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.46	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.30	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.81	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.67	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.29	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.81	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.52	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.95	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.02	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	22.16	PASS
Band2	3MHz	16QAM	18615	8RB#4	22.02	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.69	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.30	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.23	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.29	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.33	PASS
Band2	3MHz	16QAM	18900	8RB#0	22.35	PASS

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Band2	3MHz	16QAM	18900	8RB#4	22.36	PASS
Band2	3MHz	16QAM	18900	8RB#7	22.36	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.19	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.39	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.34	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.84	PASS
Band2	3MHz	16QAM	19185	8RB#0	22.68	PASS
Band2	3MHz	16QAM	19185	8RB#4	22.28	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.80	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.20	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.25	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.45	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.19	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.15	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.26	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.26	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.34	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.04	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.22	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.38	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.37	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.38	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.31	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.27	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.40	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.65	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.59	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.51	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.47	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.43	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.98	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.11	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.04	PASS
Band2	5MHz	16QAM	18625	12RB#0	22.26	PASS
Band2	5MHz	16QAM	18625	12RB#6	22.26	PASS
Band2	5MHz	16QAM	18625	12RB#13	22.27	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.40	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.29	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.31	PASS

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Band2	5MHz	16QAM	18900	1RB#24	22.18	PASS
Band2	5MHz	16QAM	18900	12RB#0	22.37	PASS
Band2	5MHz	16QAM	18900	12RB#6	22.37	PASS
Band2	5MHz	16QAM	18900	12RB#13	22.37	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.35	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.63	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.52	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.77	PASS
Band2	5MHz	16QAM	19175	12RB#0	22.51	PASS
Band2	5MHz	16QAM	19175	12RB#6	22.50	PASS
Band2	5MHz	16QAM	19175	12RB#13	22.35	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.41	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.24	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.55	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.27	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.28	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.28	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.32	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.28	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.05	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.42	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.32	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.40	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.40	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.46	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.41	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.46	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.45	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.03	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.38	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.40	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.43	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.50	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.13	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.45	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.37	PASS
Band2	10MHz	16QAM	18650	25RB#0	22.28	PASS
Band2	10MHz	16QAM	18650	25RB#12	22.28	PASS
Band2	10MHz	16QAM	18650	25RB#25	22.31	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.18	PASS

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Band2	10MHz	16QAM	18900	1RB#0	22.27	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.68	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.14	PASS
Band2	10MHz	16QAM	18900	25RB#0	22.40	PASS
Band2	10MHz	16QAM	18900	25RB#12	22.40	PASS
Band2	10MHz	16QAM	18900	25RB#25	22.45	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.23	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.92	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.52	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.07	PASS
Band2	10MHz	16QAM	19150	25RB#0	22.40	PASS
Band2	10MHz	16QAM	19150	25RB#12	22.40	PASS
Band2	10MHz	16QAM	19150	25RB#25	22.32	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.31	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.18	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.21	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.20	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.04	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.21	PASS
Band2	15MHz	QPSK	18675	38RB#37	21.99	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.16	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.01	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.37	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.13	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.28	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.29	PASS
Band2	15MHz	QPSK	18900	38RB#37	21.49	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.27	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.32	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.24	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.76	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.50	PASS
Band2	15MHz	QPSK	19125	38RB#18	22.37	PASS
Band2	15MHz	QPSK	19125	38RB#37	20.80	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.20	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.09	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.23	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.82	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.06	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.25	PASS

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Band2	15MHz	16QAM	18675	38RB#37	21.98	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.03	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.31	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.21	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.25	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.03	PASS
Band2	15MHz	16QAM	18900	38RB#18	22.19	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.48	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.23	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.52	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.89	PASS
Band2	15MHz	16QAM	19125	1RB#74	20.79	PASS
Band2	15MHz	16QAM	19125	38RB#0	22.50	PASS
Band2	15MHz	16QAM	19125	38RB#18	22.39	PASS
Band2	15MHz	16QAM	19125	38RB#37	20.78	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.27	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.76	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.48	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.78	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.95	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.82	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.95	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.95	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.22	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.49	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.70	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.96	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.96	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.96	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.97	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.72	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.42	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.30	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.96	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.96	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.91	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.06	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.58	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.17	PASS

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Band2	20MHz	16QAM	18700	50RB#0	21.83	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.81	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.94	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.95	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.23	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.76	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.88	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.96	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.97	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.95	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.93	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.94	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.22	PASS
Band2	20MHz	16QAM	19100	1RB#99	20.55	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.96	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.96	PASS
Band2	20MHz	16QAM	19100	50RB#50	22.06	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.94	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	2.87	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	3.94	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	2.90	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	4.03	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3.13	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.14	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3.83	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	4.72	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3.86	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	4.78	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	4.03	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	4.96	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	2.96	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	4.03	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	2.99	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	4.09	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	3.10	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.26	13	PASS

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Band2	3MHz	16QAM	18615	1RB#0	3.77	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	4.90	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	3.86	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	4.96	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	4.00	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.19	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	2.93	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.03	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	3.01	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.03	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	3.04	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.14	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	3.94	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.84	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	3.74	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.90	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	3.74	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.04	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	2.93	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	3.97	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	3.01	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	3.91	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	3.07	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	3.91	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	3.88	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	4.96	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	3.94	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	4.96	13	PASS
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Band2	10MHz	16QAM	19150	50RB#0	4.96	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	3.07	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	3.65	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	3.16	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	3.62	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	3.28	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	3.68	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	4.06	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	5.13	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	4.06	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	5.07	13	PASS

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Band2	15MHz	16QAM	19125	1RB#0	4.14	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	5.22	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	3.28	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	3.68	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	3.36	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	3.68	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	3.42	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	3.91	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	4.09	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.48	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	4.38	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.48	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	4.32	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.71	13	PASS

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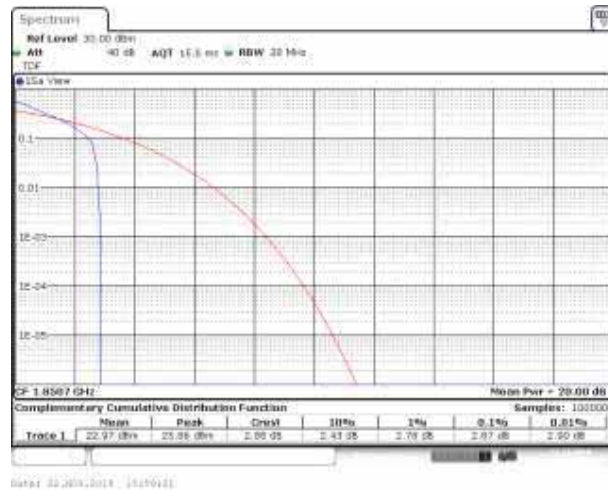
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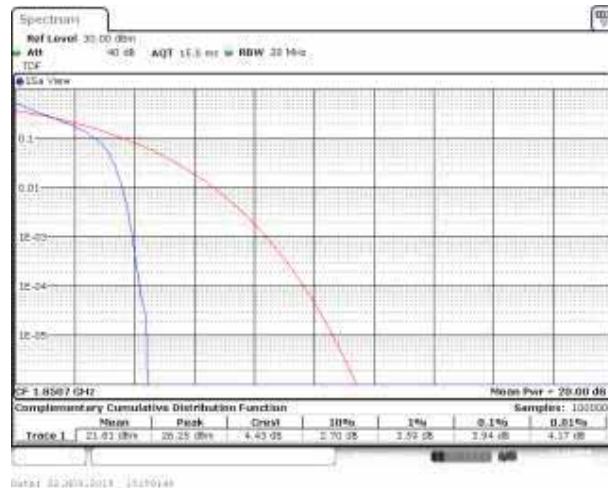
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Test Graphs

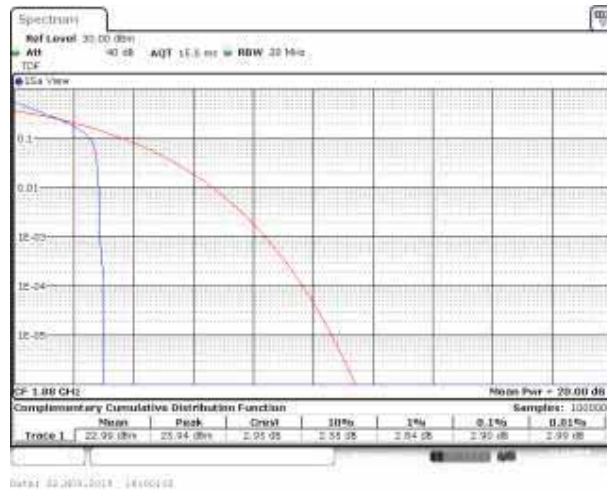
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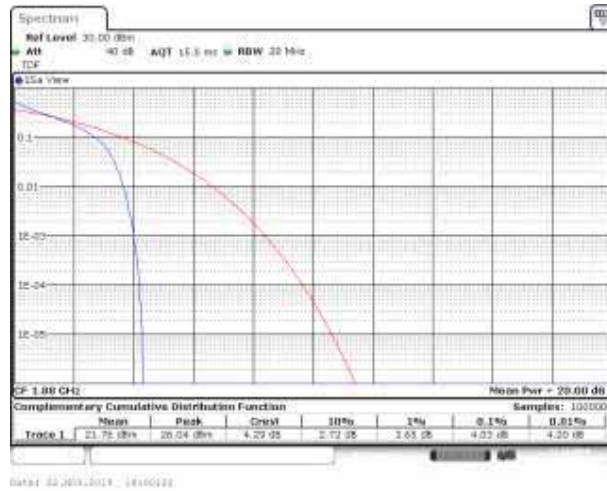
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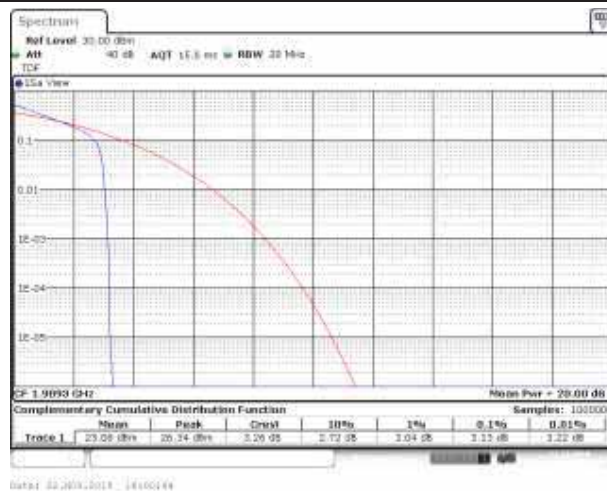
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Band2_1.4MHz_QPSK_18900_6RB#0



Band2_1.4MHz_QPSK_19193_1RB#0



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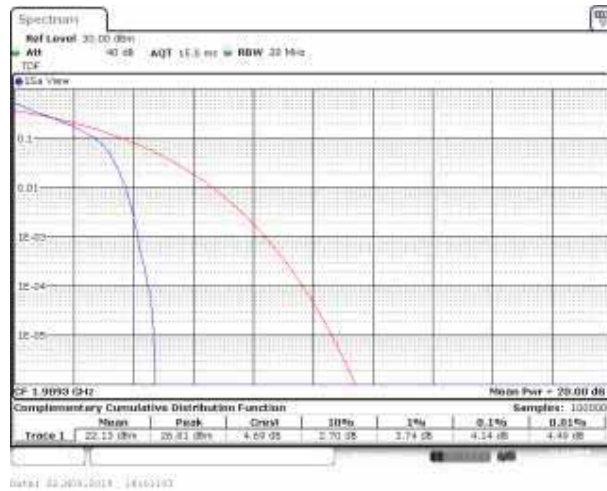


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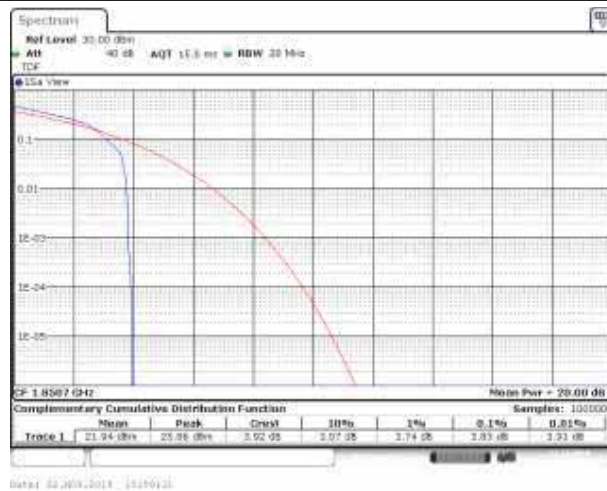
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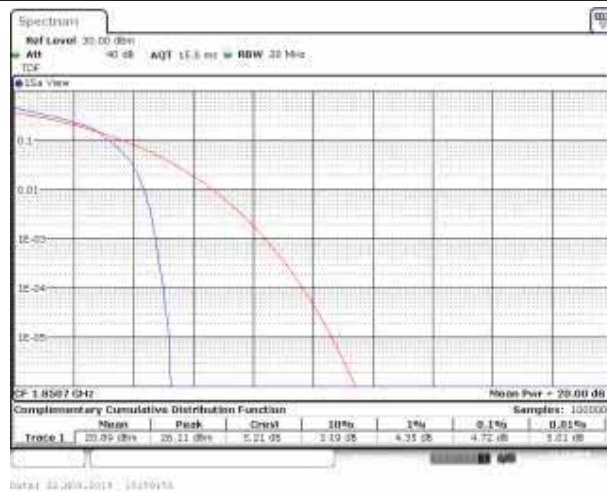
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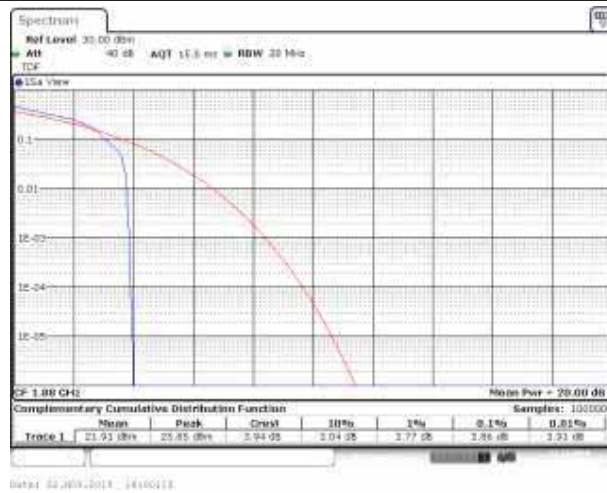
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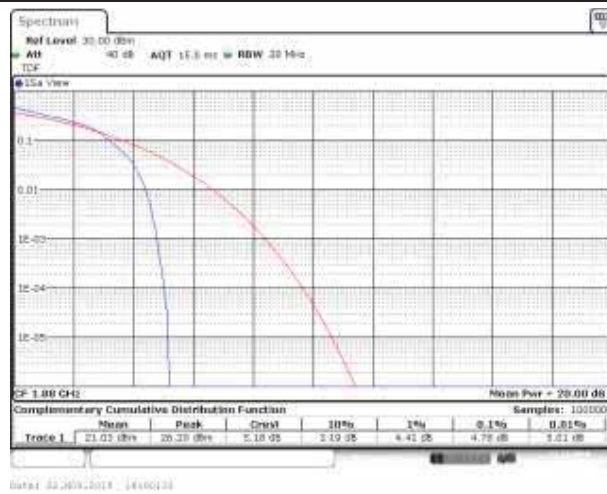
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Band2_1.4MHz_16QAM_18900_1RB#0



Band2_1.4MHz_16QAM_18900_6RB#0



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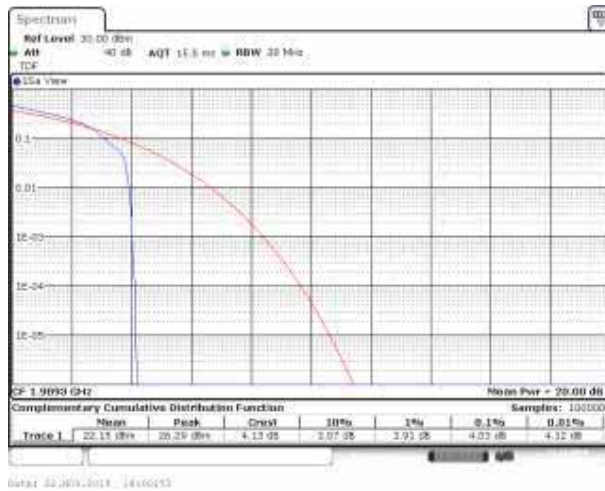


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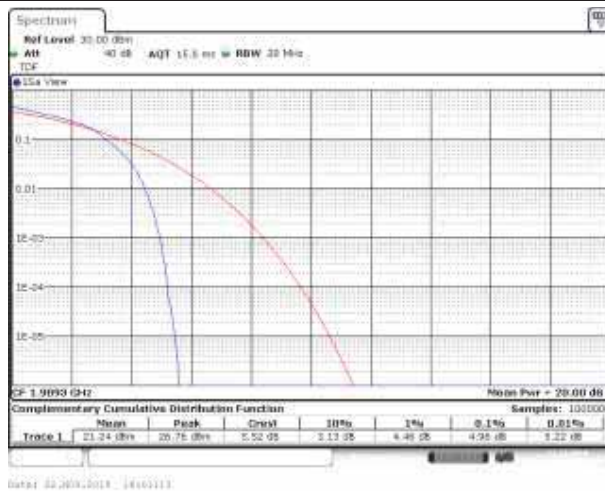
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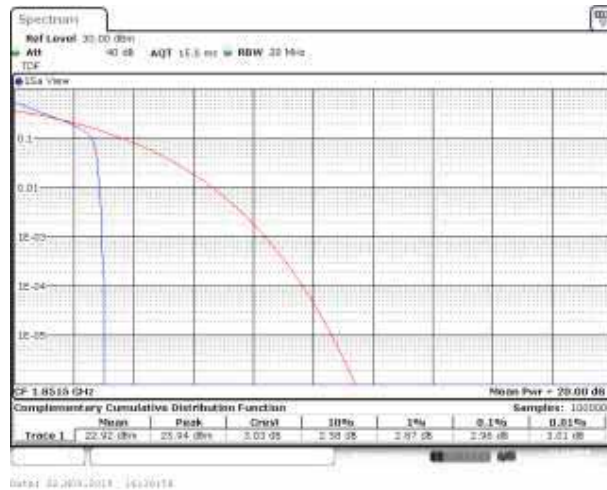
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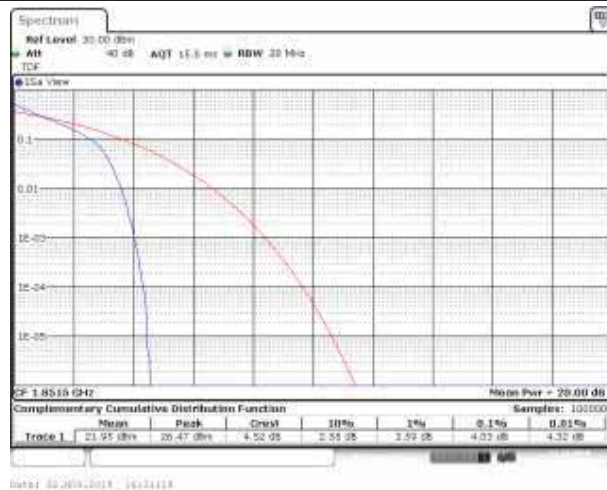
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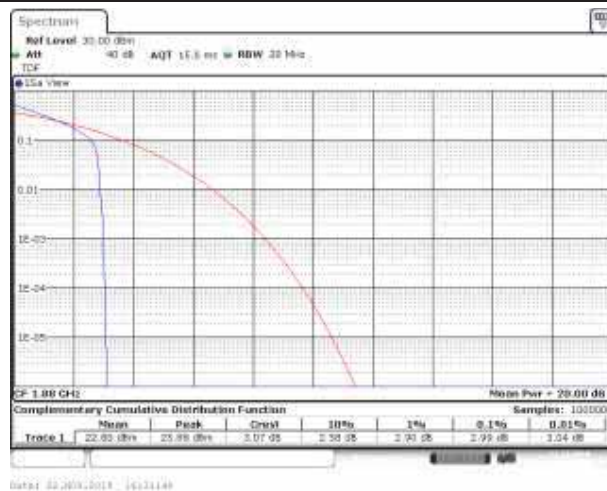
Band2_3MHz_QPSK_18615_1RB#0



Band2_3MHz_QPSK_18615_15RB#0



Band2_3MHz_QPSK_18900_1RB#0



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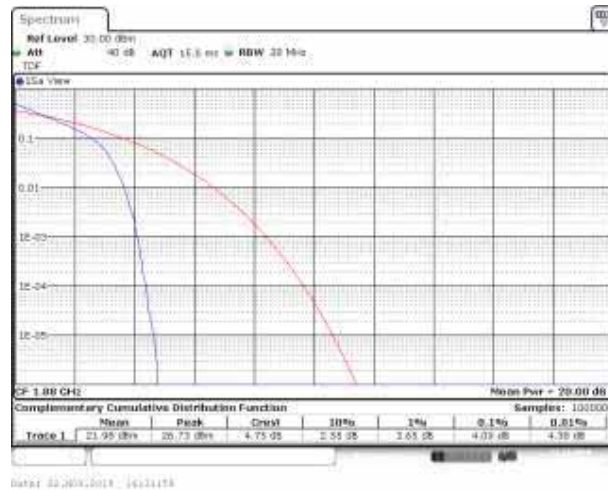


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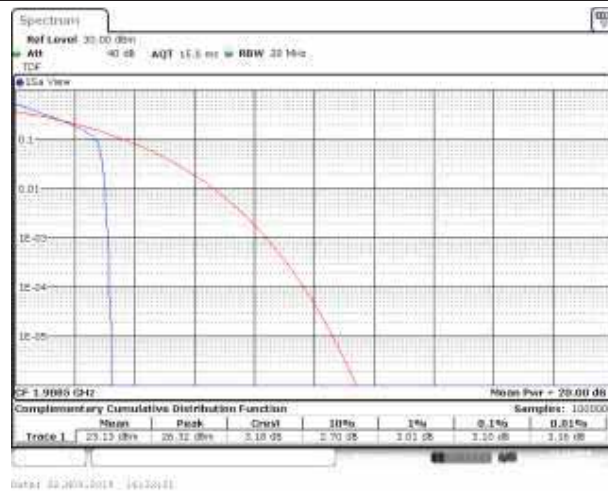
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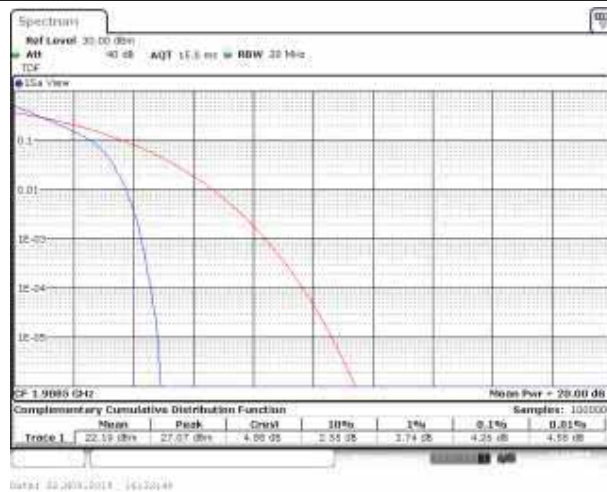
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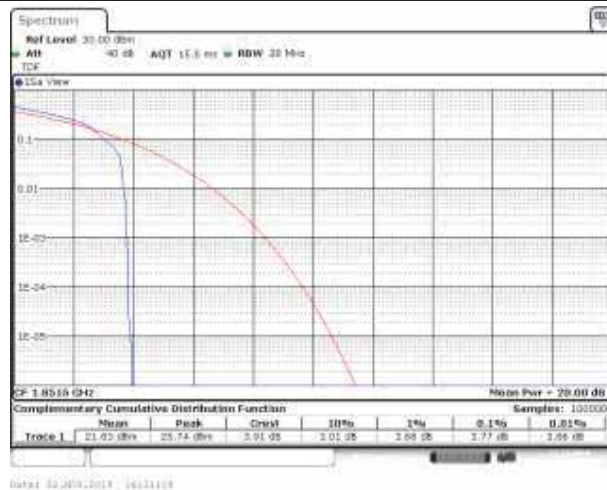
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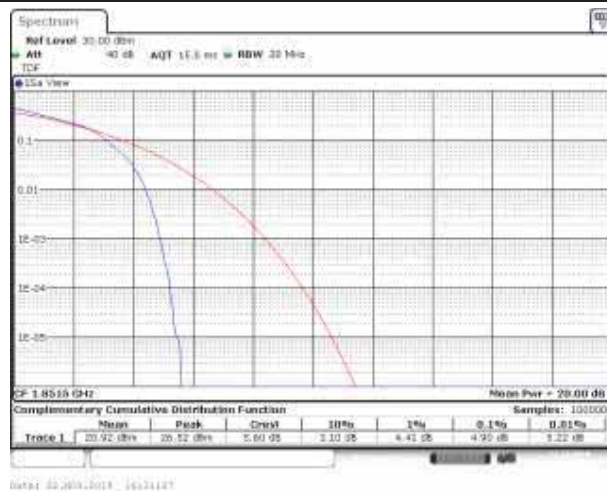
Band2_3MHz_QPSK_19185_15RB#0



Band2_3MHz_16QAM_18615_1RB#0



Band2_3MHz_16QAM_18615_15RB#0



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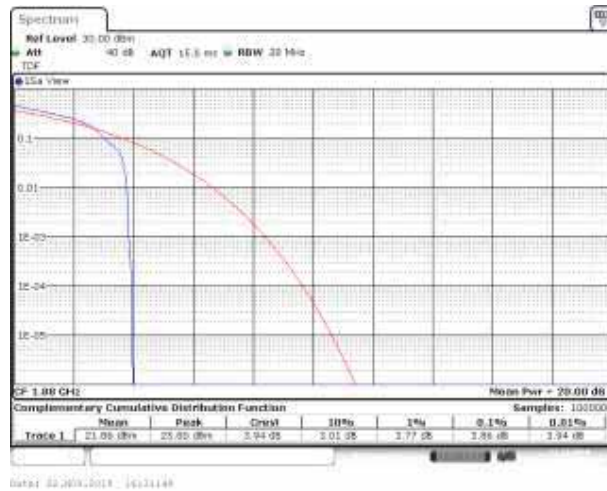
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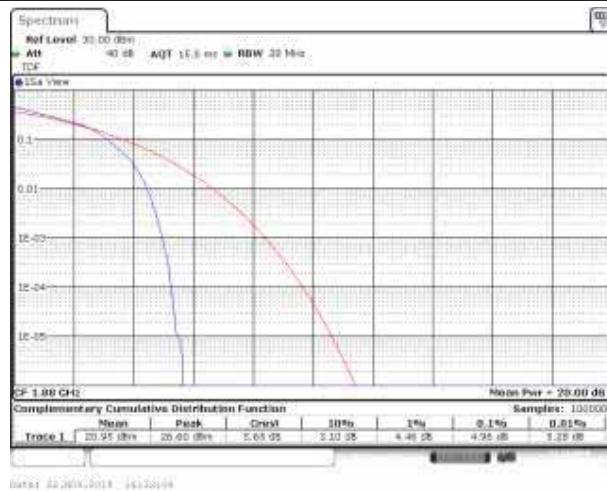

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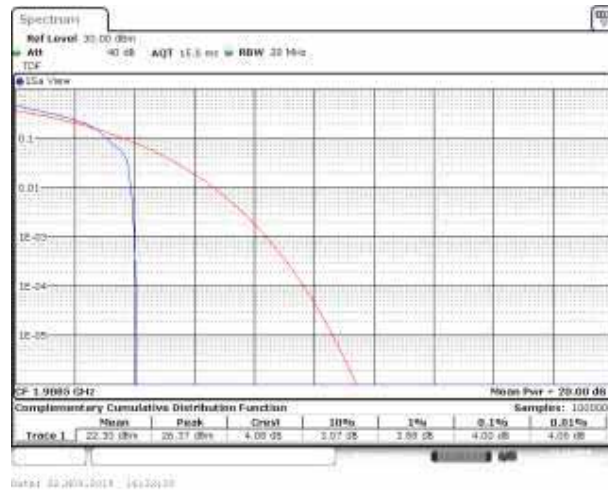
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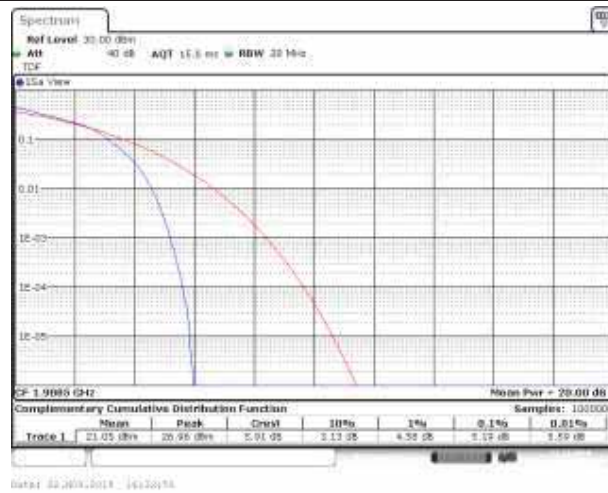
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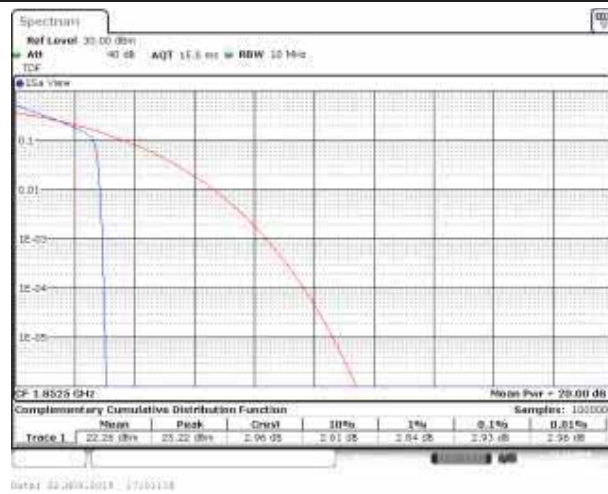
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Band2_5MHz_QPSK_18625_1RB#0



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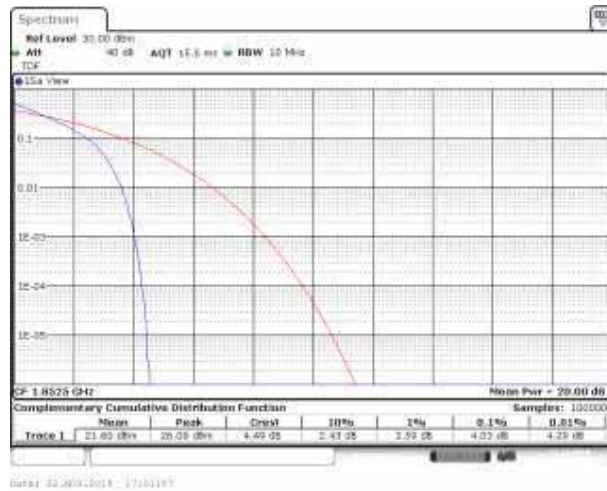
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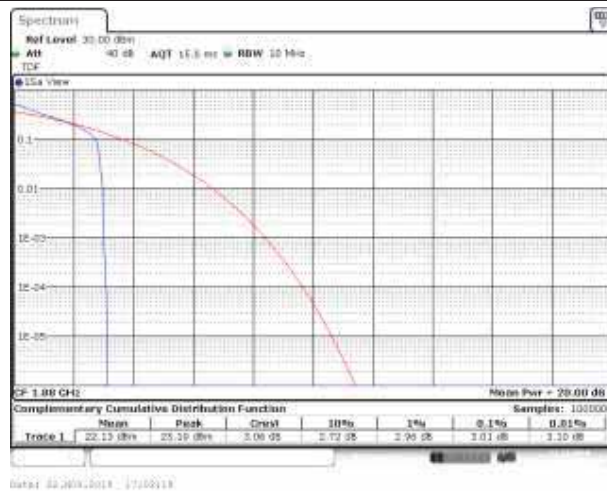

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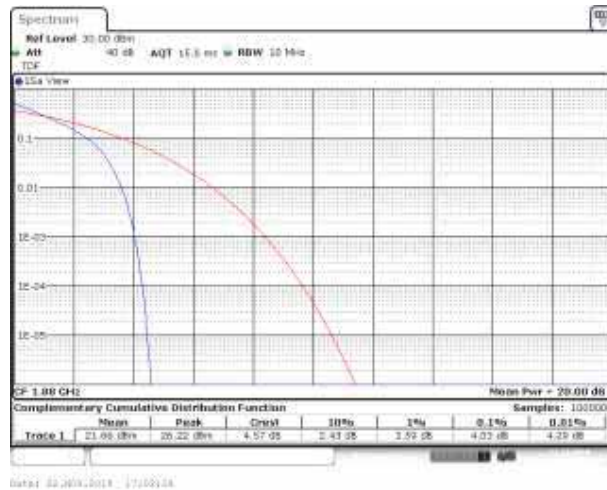
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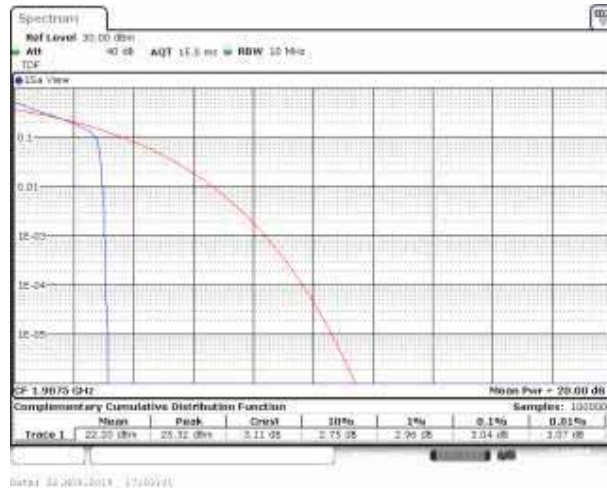
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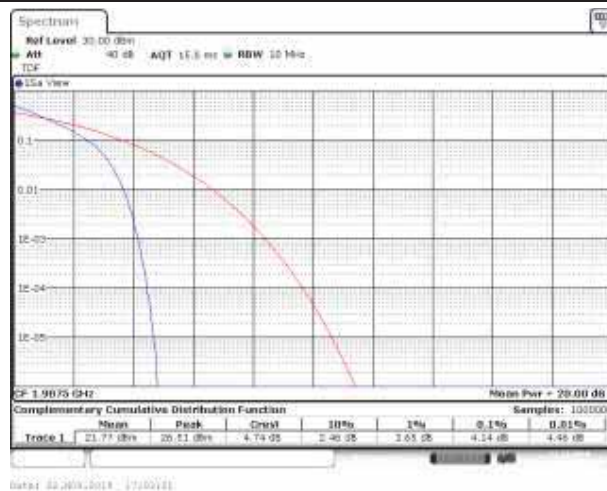
Band2_5MHz_QPSK_18900_25RB#0



Band2_5MHz_QPSK_19175_1RB#0



Band2_5MHz_QPSK_19175_25RB#0



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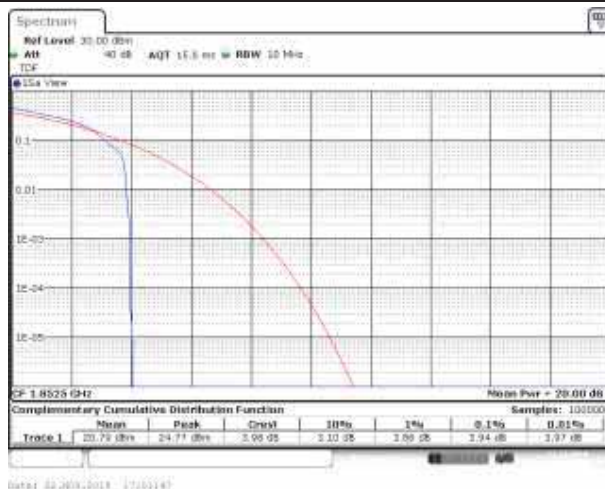


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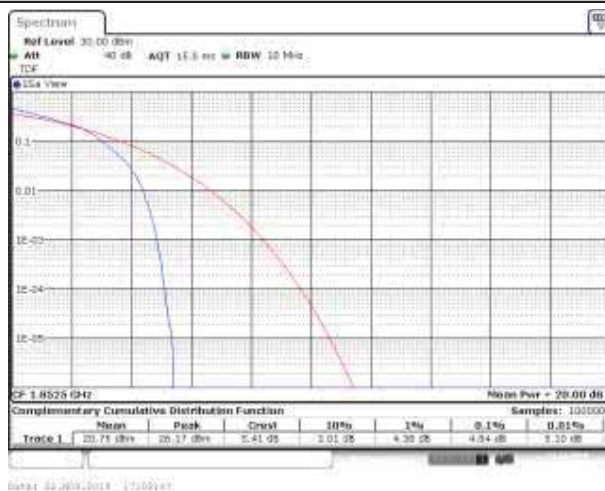
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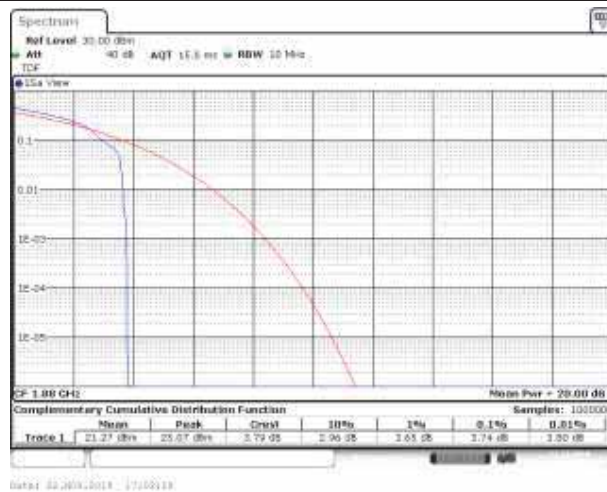
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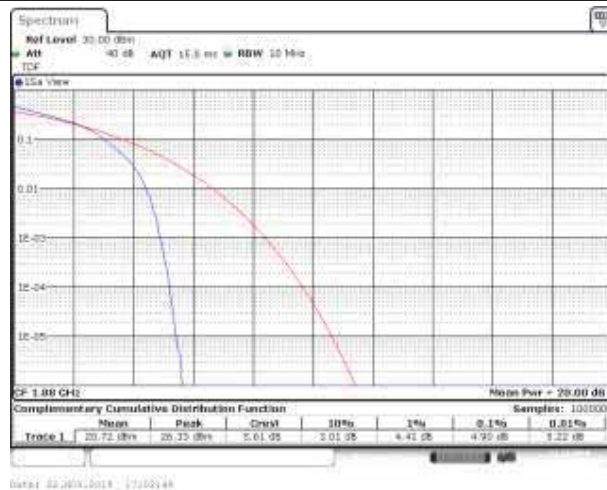
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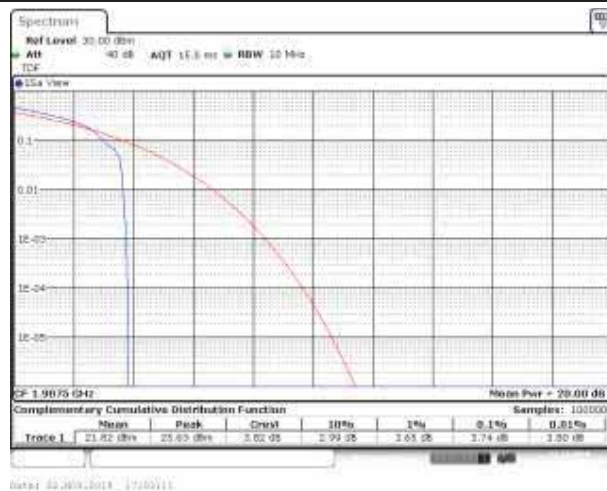
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Band2_5MHz_16QAM_18900_25RB#0



Band2_5MHz_16QAM_19175_1RB#0



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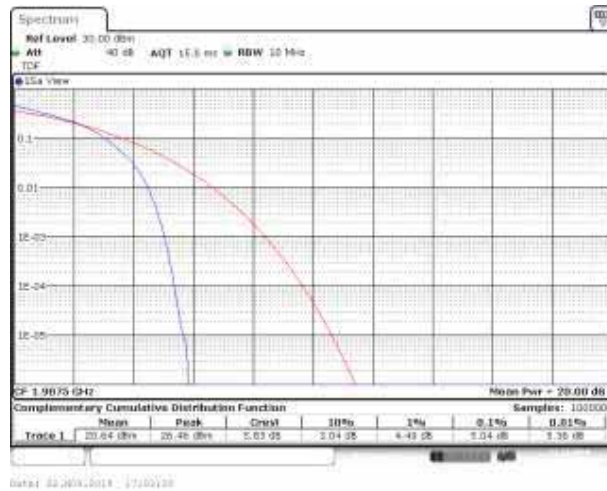
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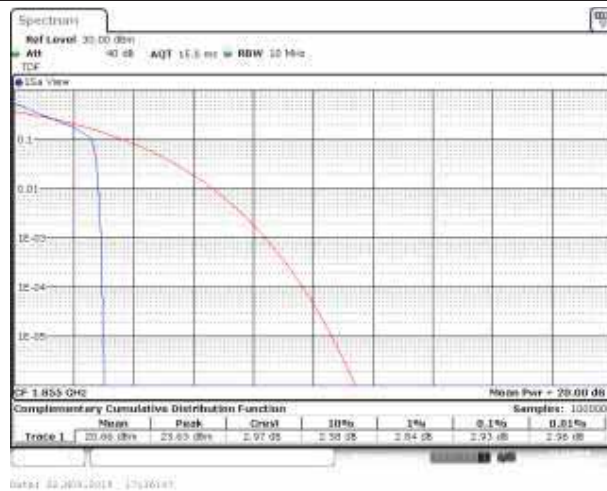
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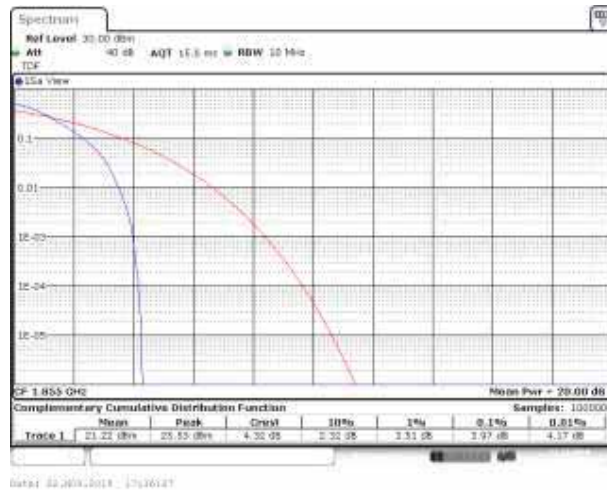
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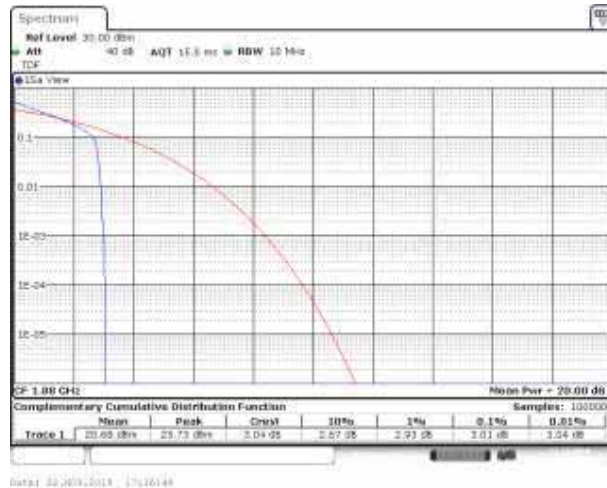
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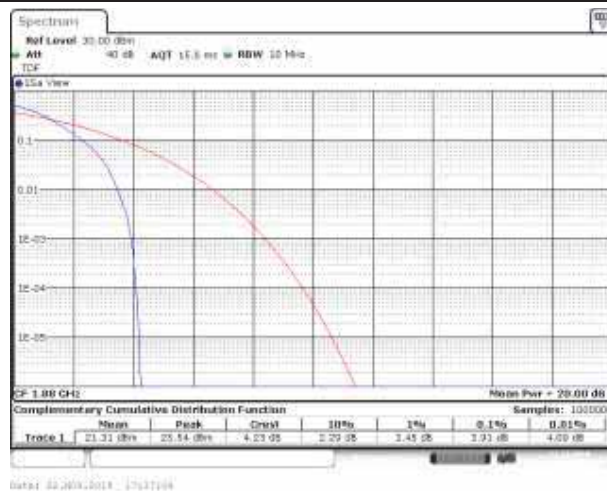
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Band2_10MHz_QPSK_18900_1RB#0



Band2_10MHz_QPSK_18900_50RB#0



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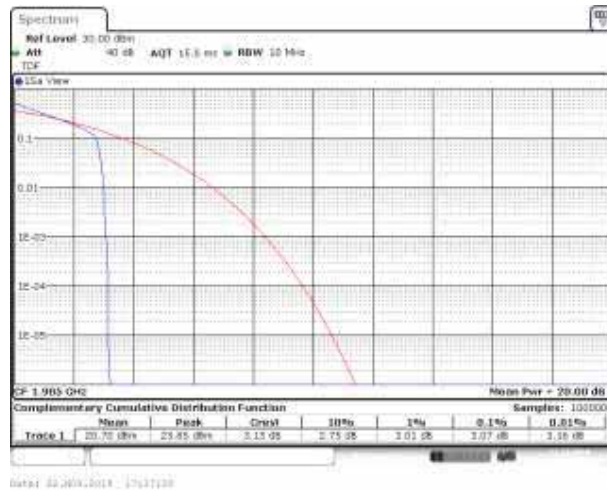


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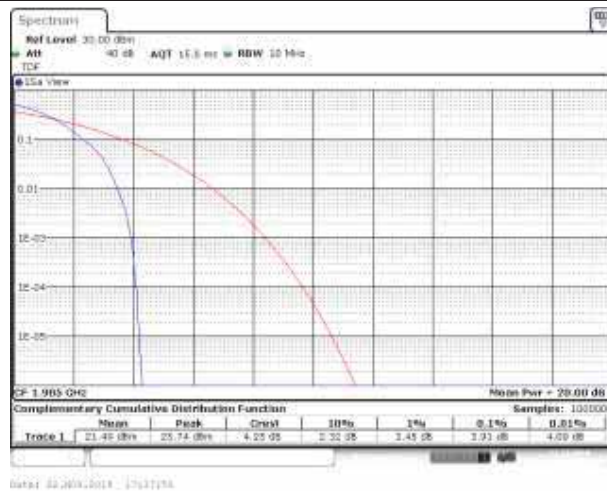
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Band2_10MHz_QPSK_19150_50RB#0



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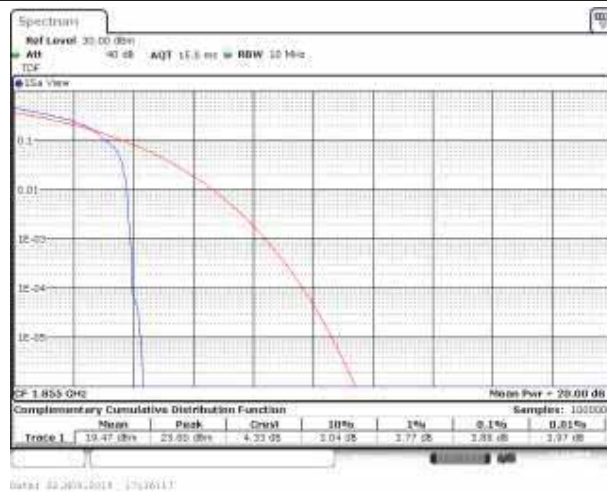
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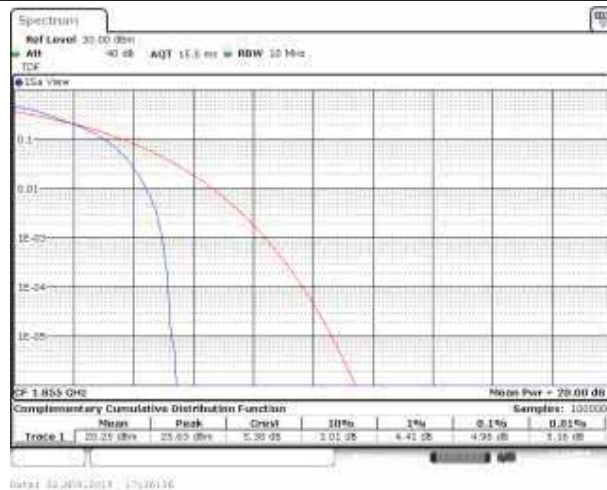
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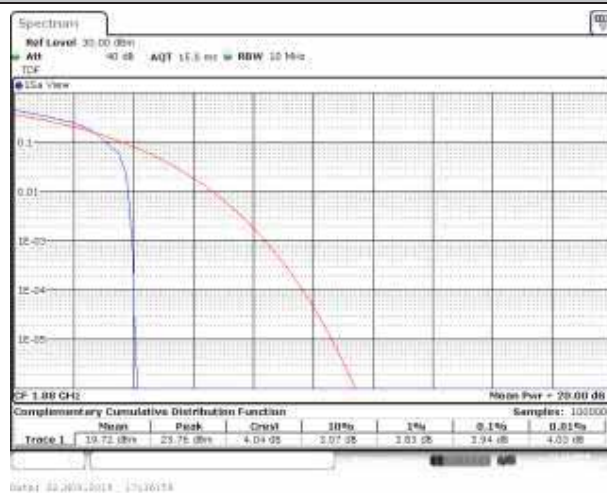

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Band2_10MHz_16QAM_18650_50RB#0



Band2_10MHz_16QAM_18900_1RB#0



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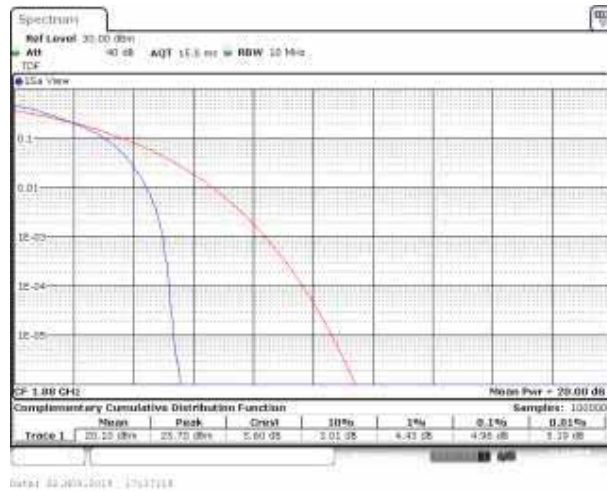


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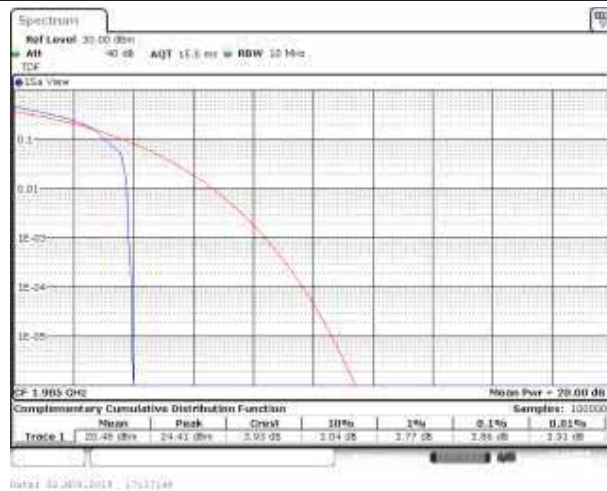
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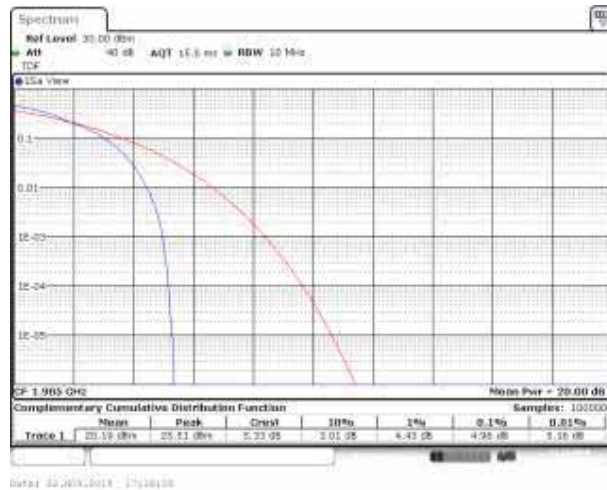
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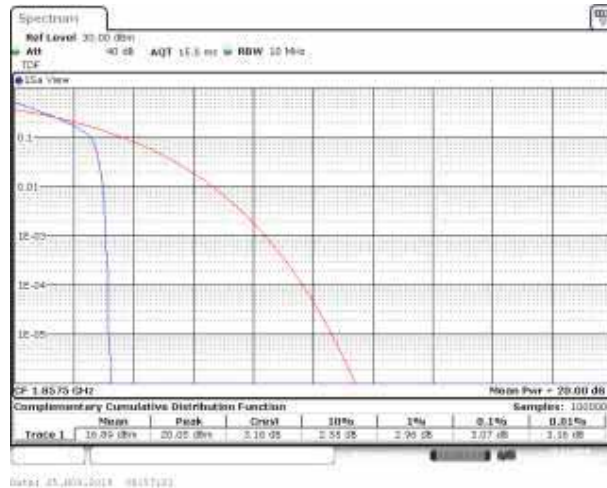
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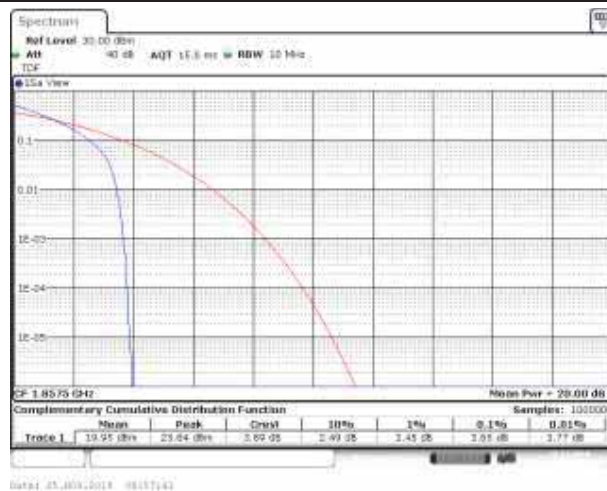
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Band2_15MHz_QPSK_18675_1RB#0



Band2_15MHz_QPSK_18675_75RB#0



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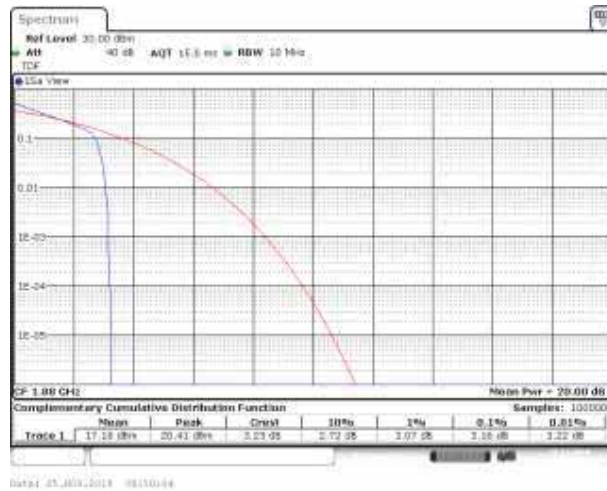


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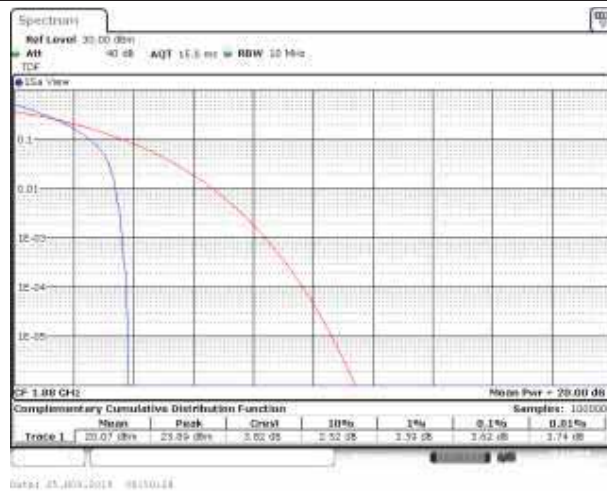
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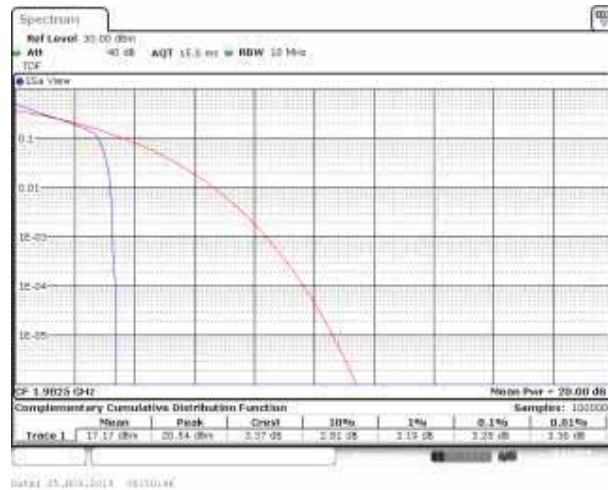
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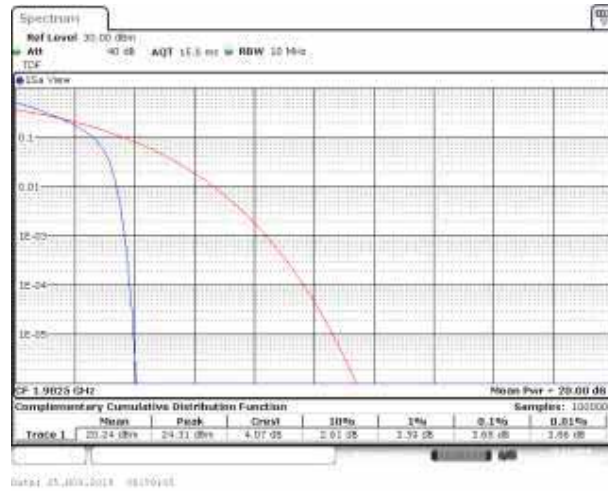
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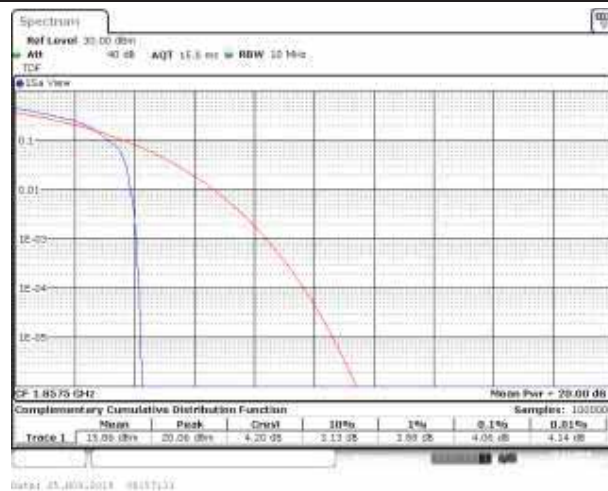
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Band2_15MHz_16QAM_18675_1RB#0



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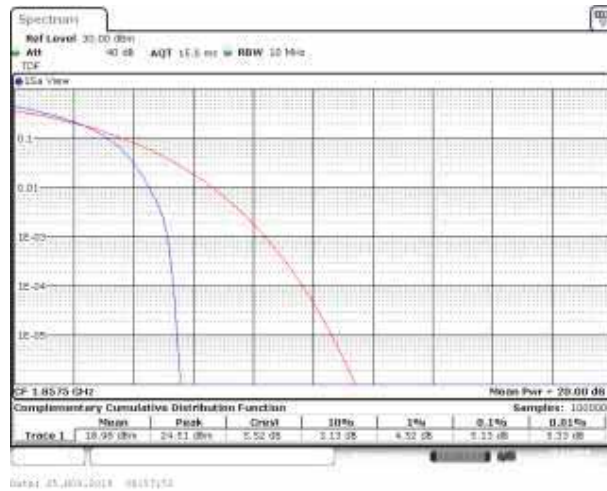


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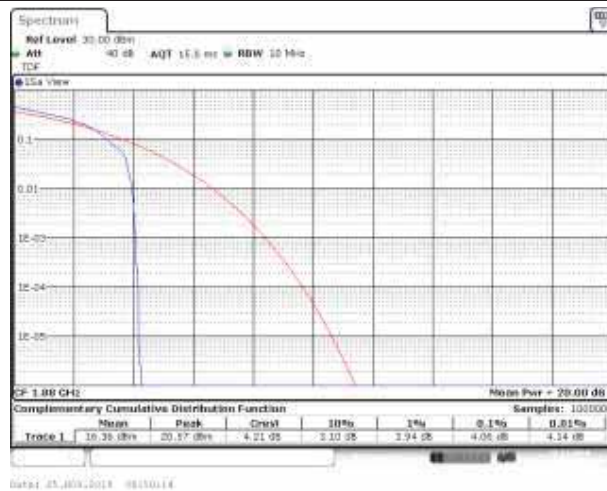
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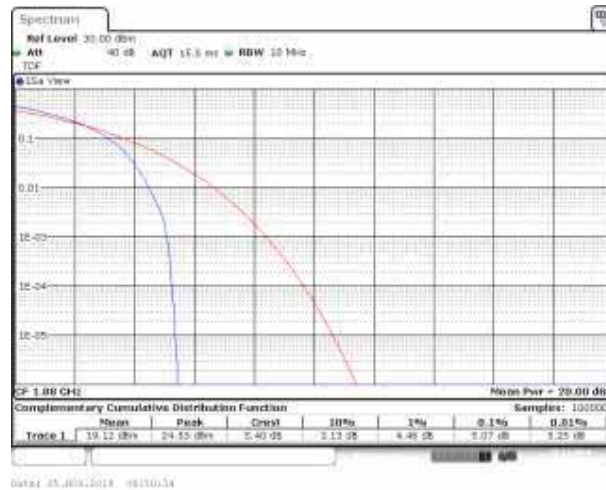
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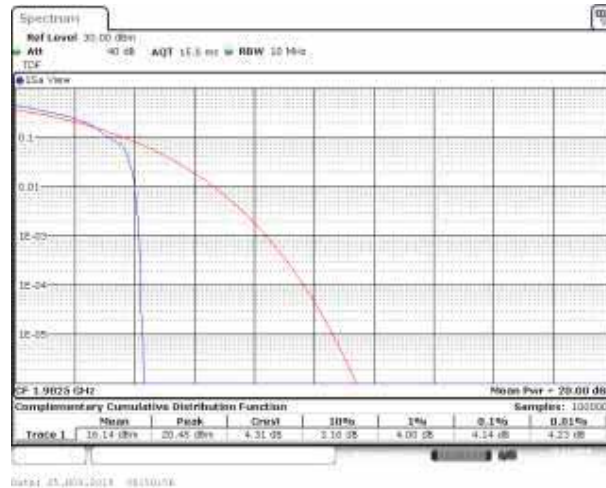
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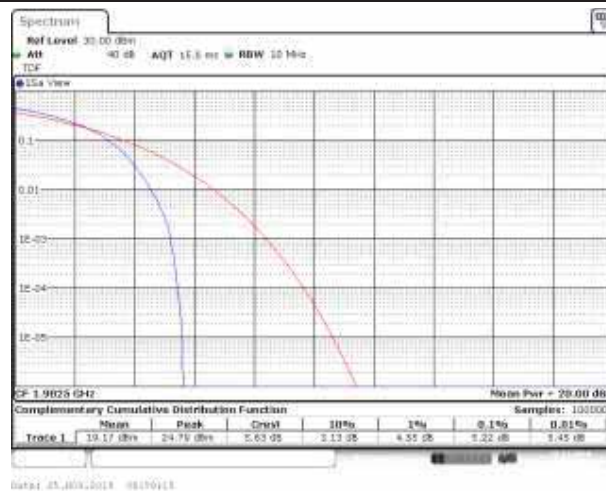
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Band2_15MHz_16QAM_19125_75RB#0



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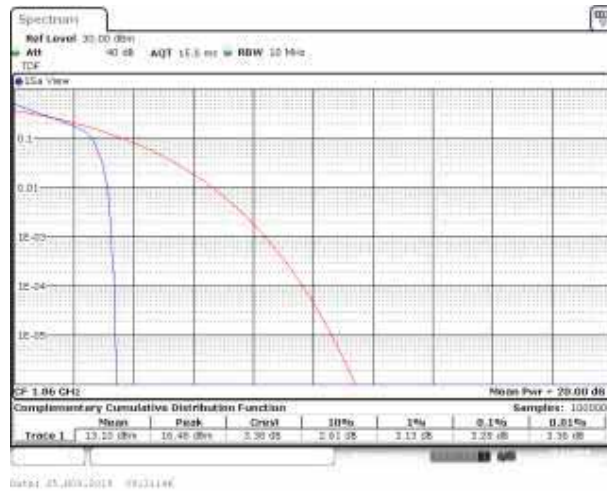


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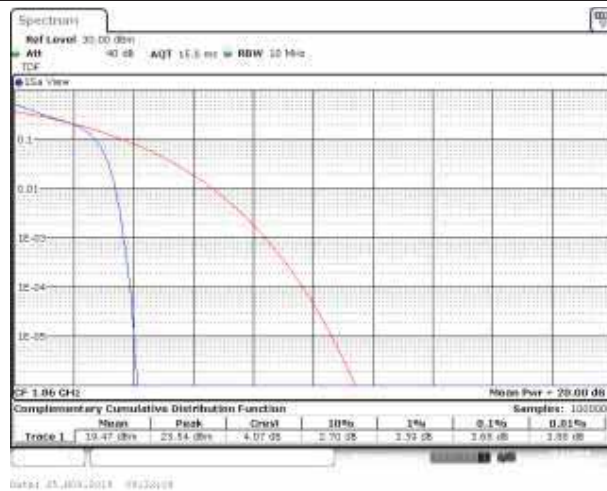
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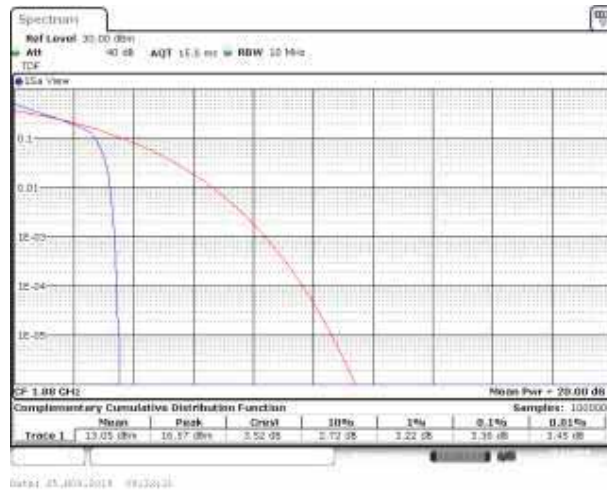
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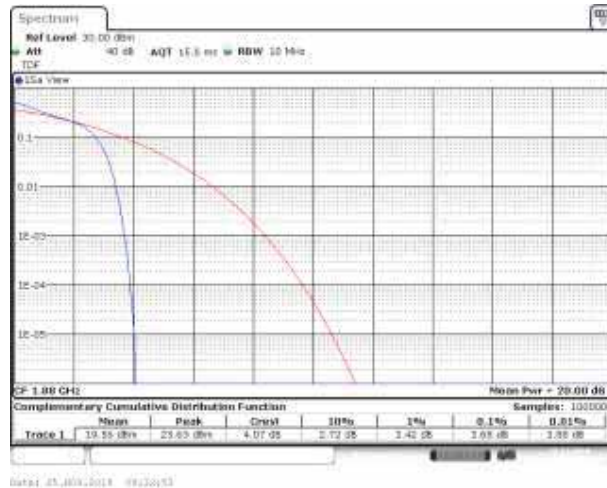
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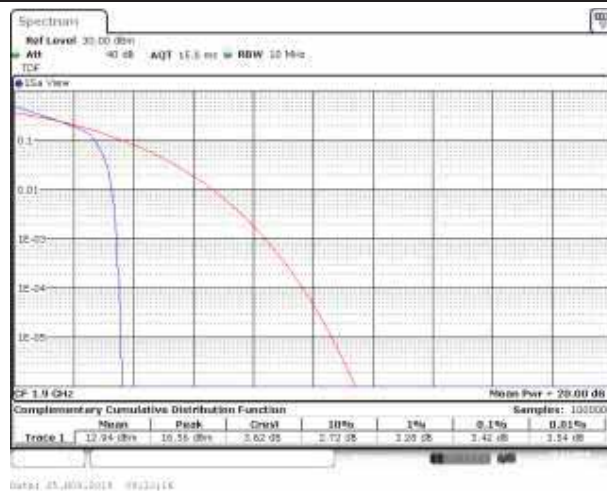
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Band2_20MHz_QPSK_18900_100RB#0



Band2_20MHz_QPSK_19100_1RB#0



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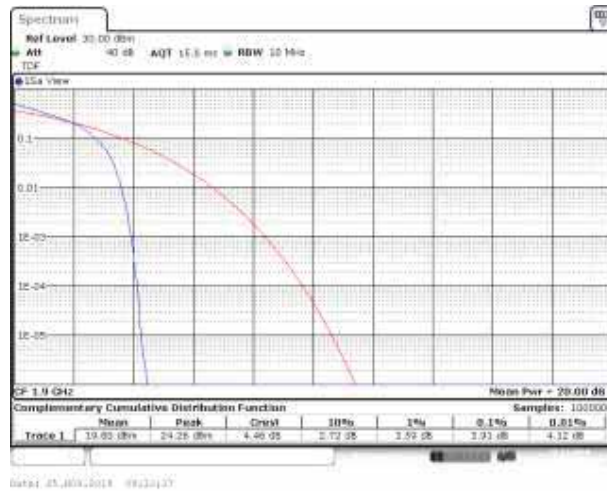
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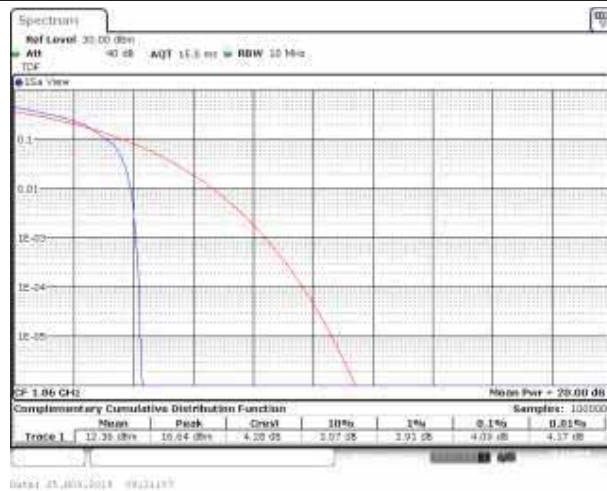

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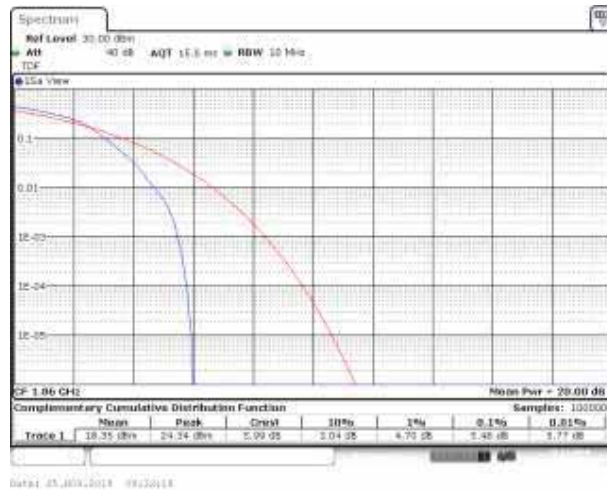
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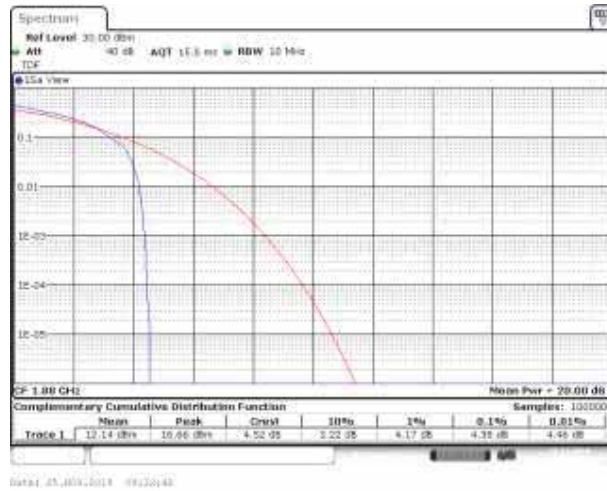
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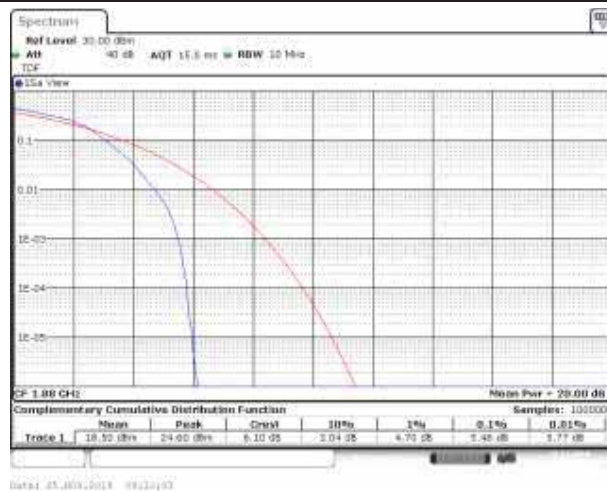
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Band2_20MHz_16QAM_18900_1RB#0



Band2_20MHz_16QAM_18900_100RB#0



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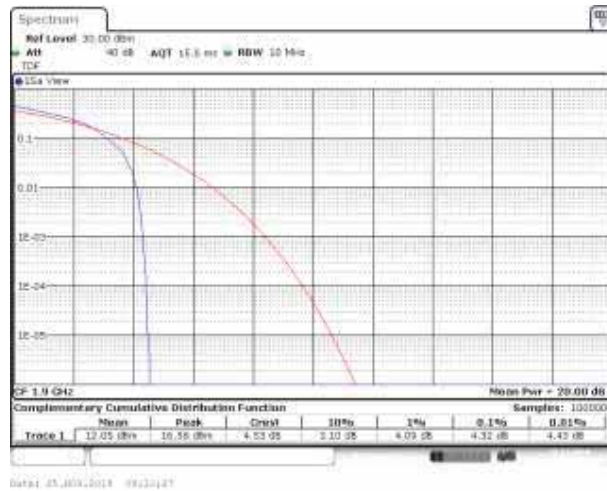


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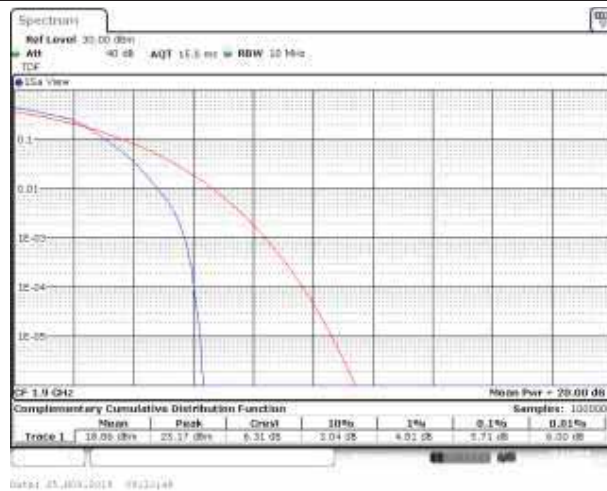
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Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_100RB#0



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Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.113	1.285	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.108	1.275	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.108	1.265	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.103	1.275	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.108	1.240	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.113	1.260	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.686	2.870	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.696	2.920	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.696	2.880	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.696	2.880	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.696	2.900	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.705	2.870	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.476	4.800	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.730	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.770	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.466	4.780	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.476	4.760	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.466	4.690	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.918	9.267	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.918	9.300	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.885	9.267	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.885	9.267	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.885	9.267	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.885	9.233	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.328	13.900	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.328	13.800	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.278	13.800	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.328	13.800	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.328	13.800	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.328	13.800	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.837	18.400	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.77	18.400	PASS

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Band2	20MHz	QPSK	19100	100RB#0	17.77	18.267	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.77	18.333	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.77	18.267	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.77	18.333	PASS

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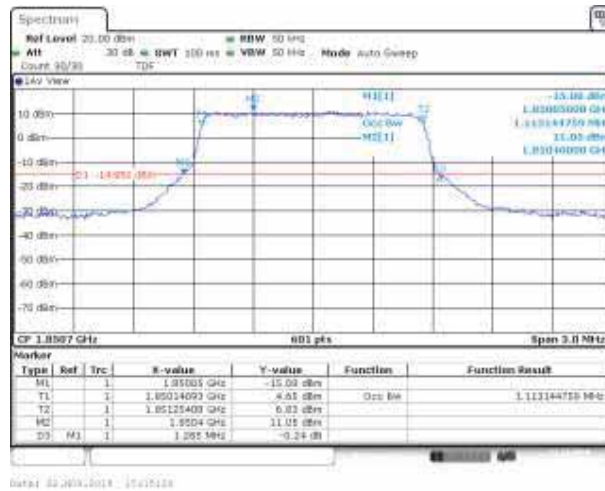
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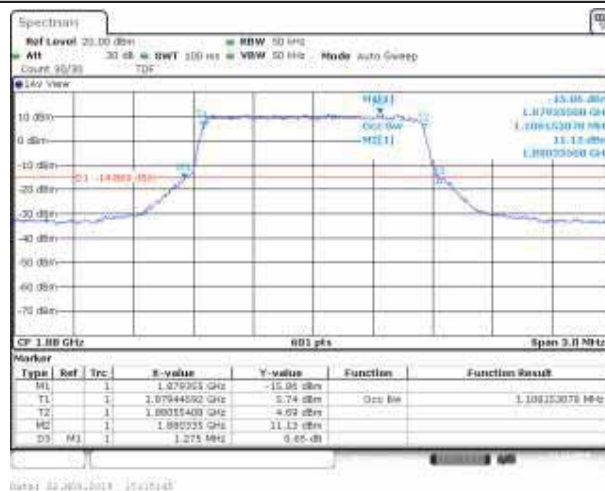
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Test Graphs

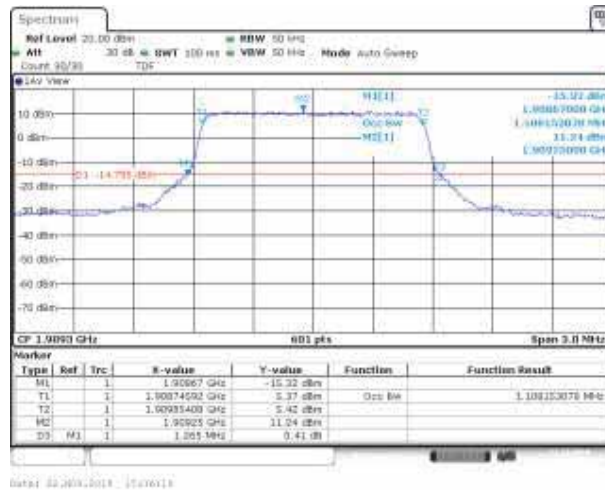
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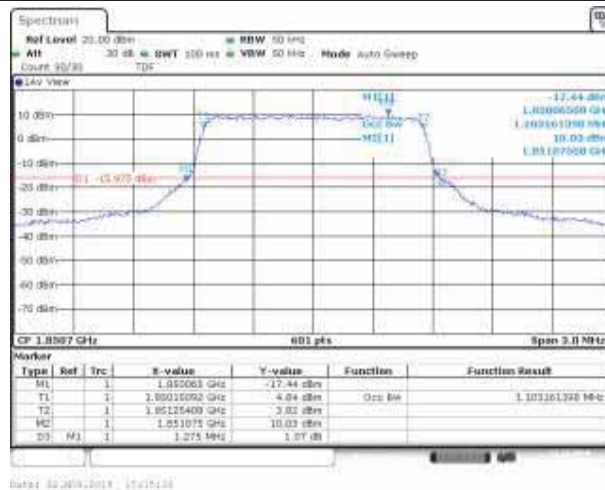
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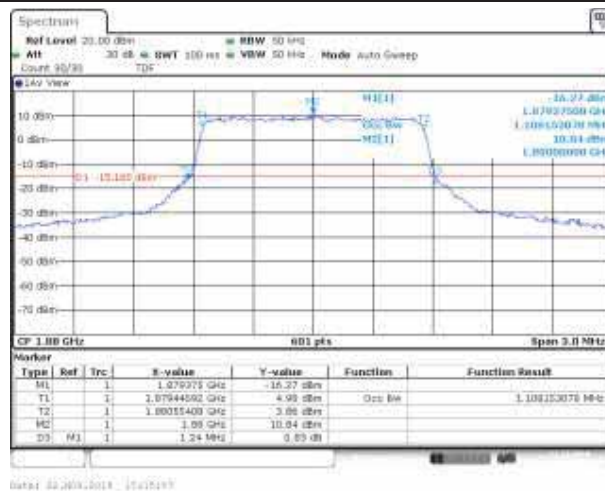
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Band2_1.4MHz_16QAM_18607_6RB#0



Band2_1.4MHz_16QAM_18900_6RB#0



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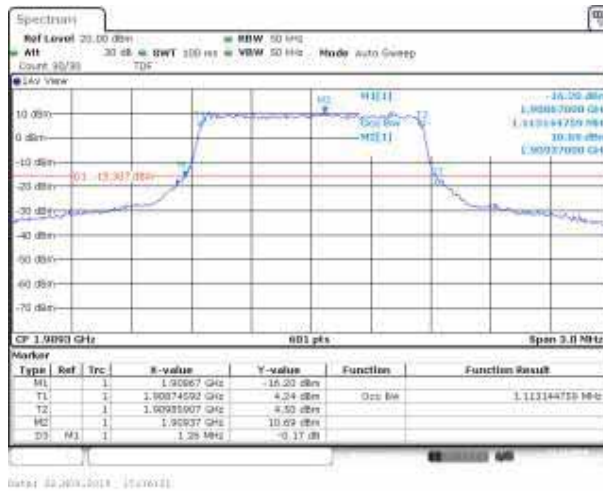
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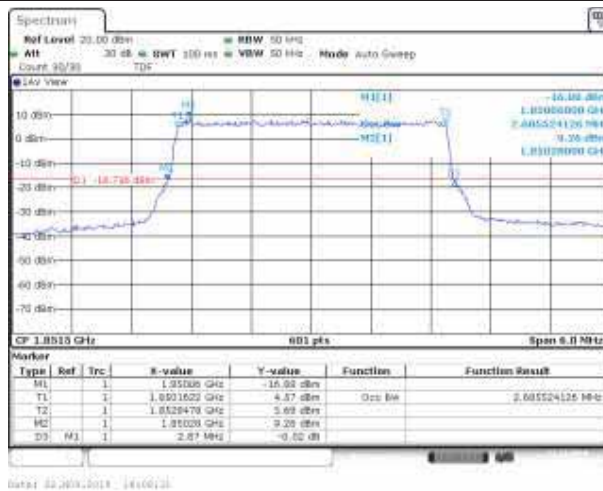

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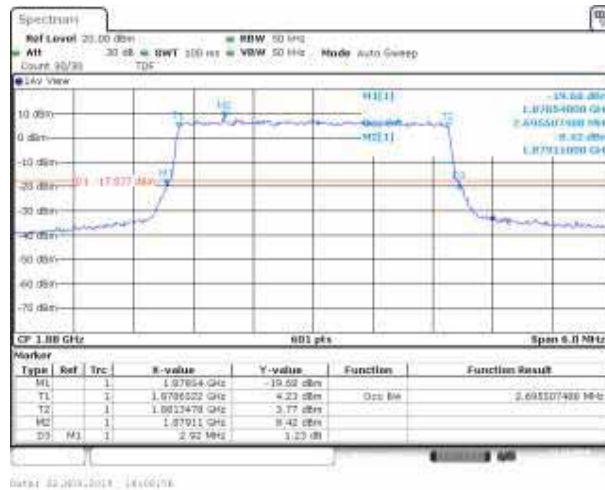
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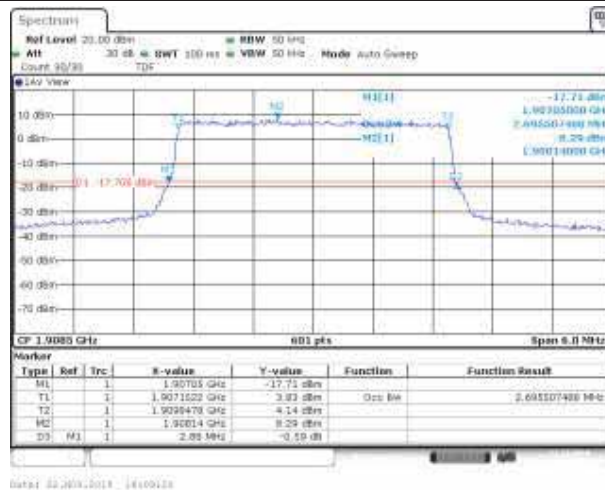
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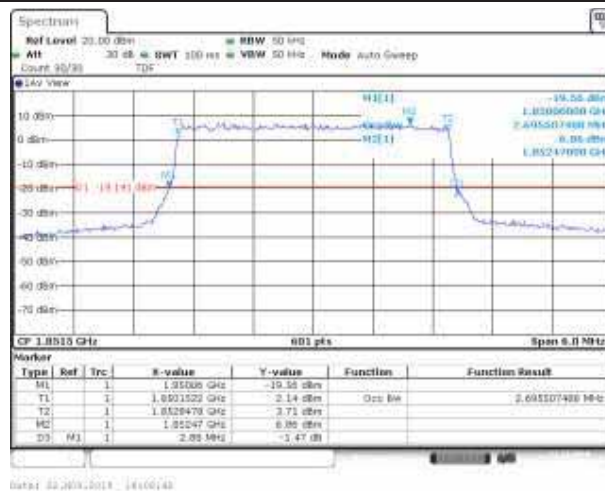
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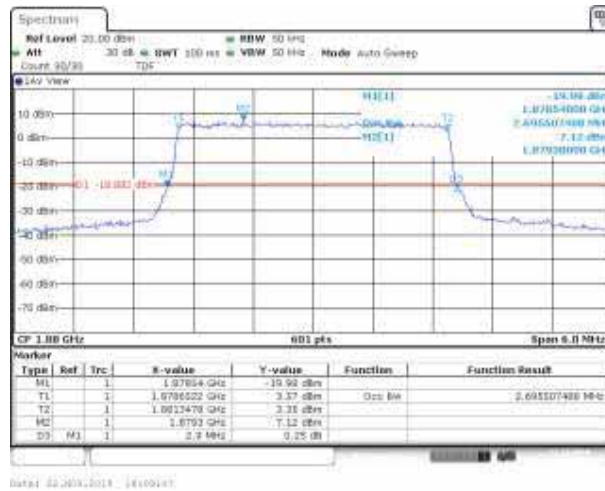
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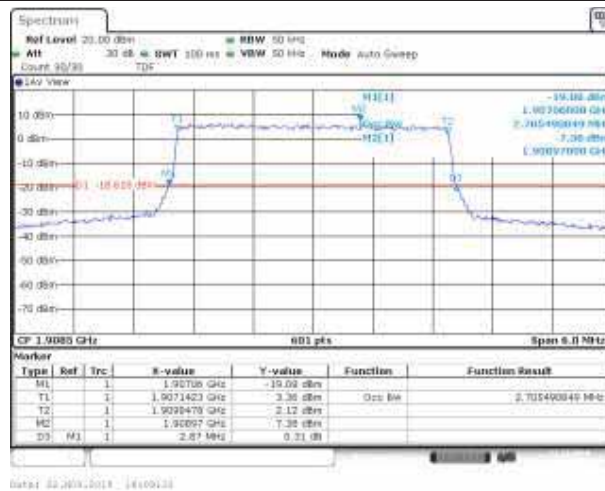

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Band2_3MHz_16QAM_19185_15RB#0



Band2_5MHz_QPSK_18625_25RB#0

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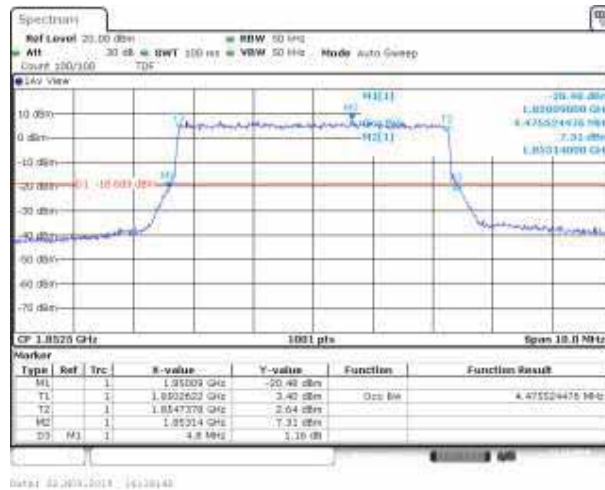
Tel.: (86)755-27521059

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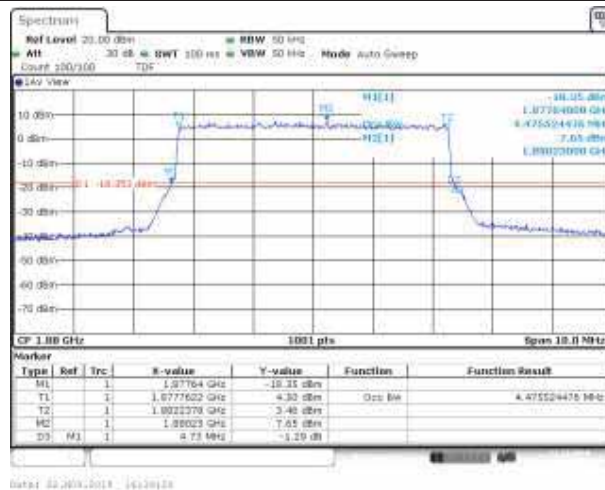
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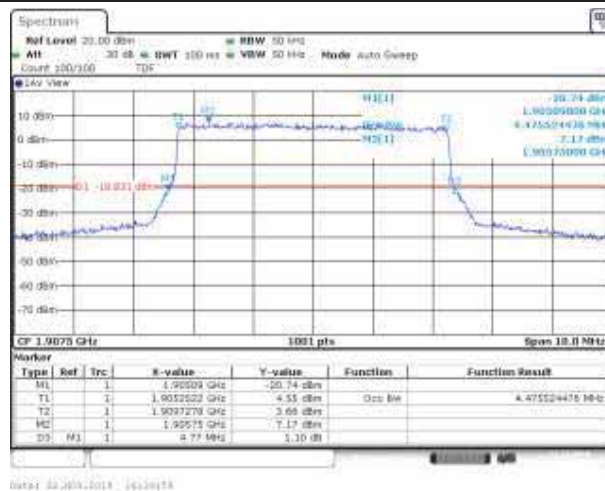
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Band2_5MHz_QPSK_18900_25RB#0



Band2_5MHz_QPSK_19175_25RB#0



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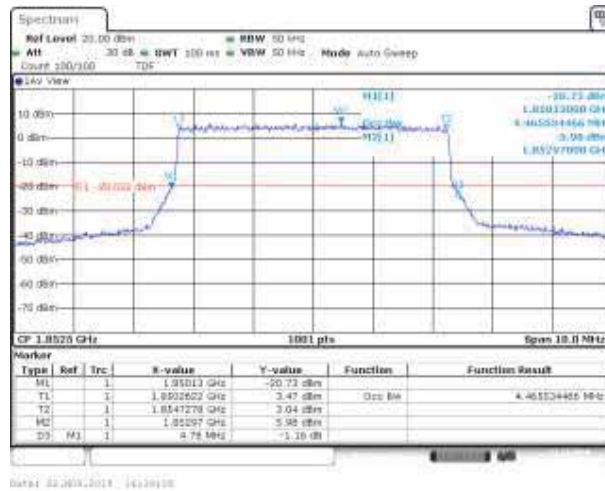
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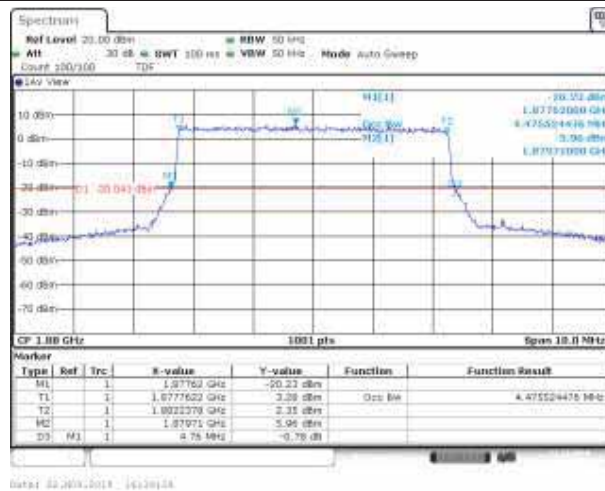

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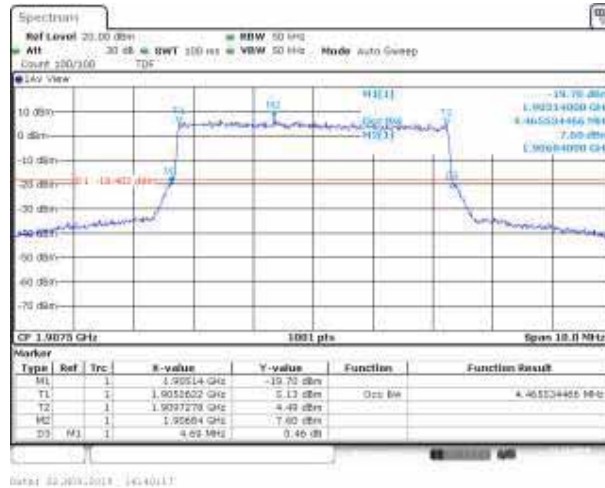
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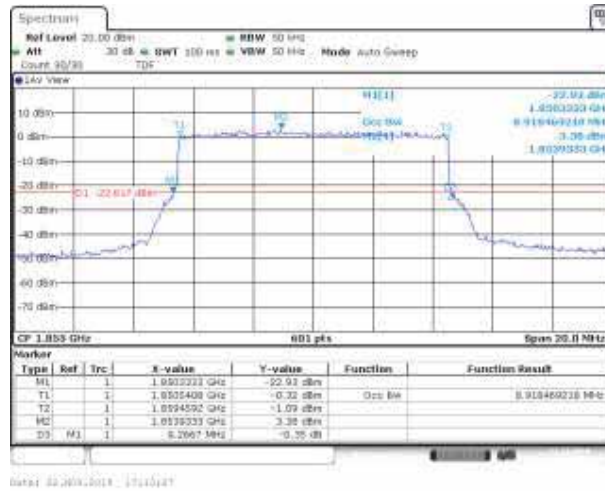
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Band2_10MHz_QPSK_18650_50RB#0



Band2_10MHz_QPSK_18900_50RB#0



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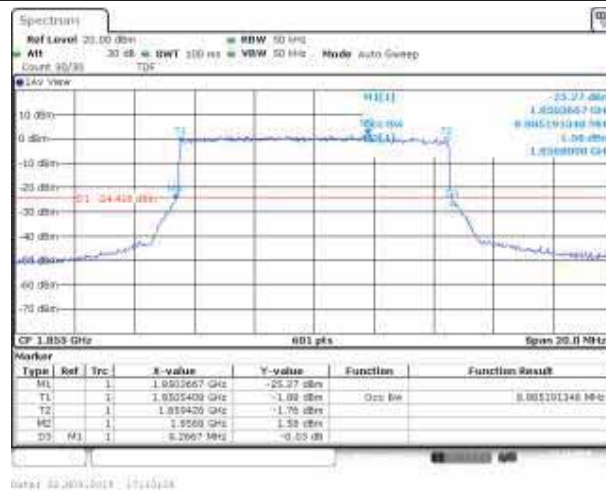

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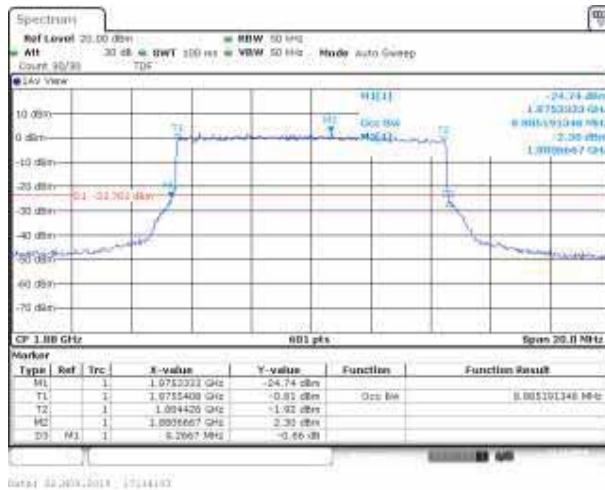
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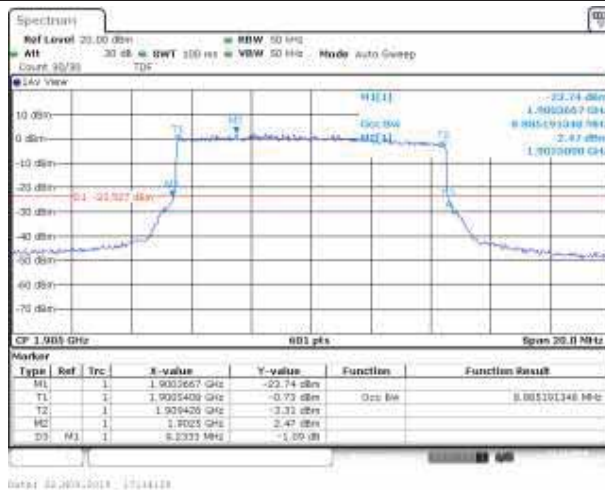
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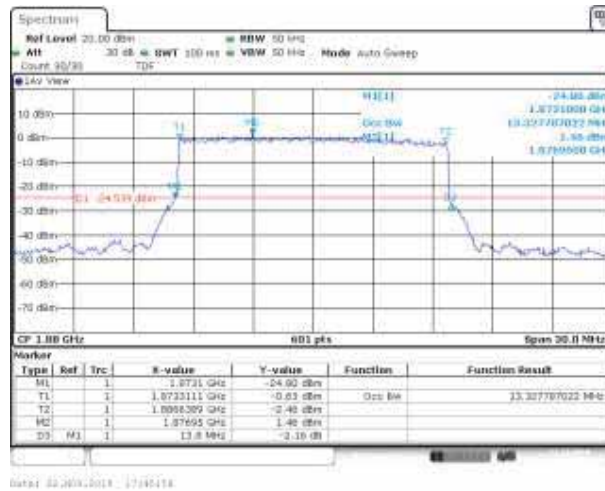
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Band2_15MHz_QPSK_18900_75RB#0



Band2_15MHz_QPSK_19125_75RB#0



Band2_15MHz_16QAM_18675_75RB#0

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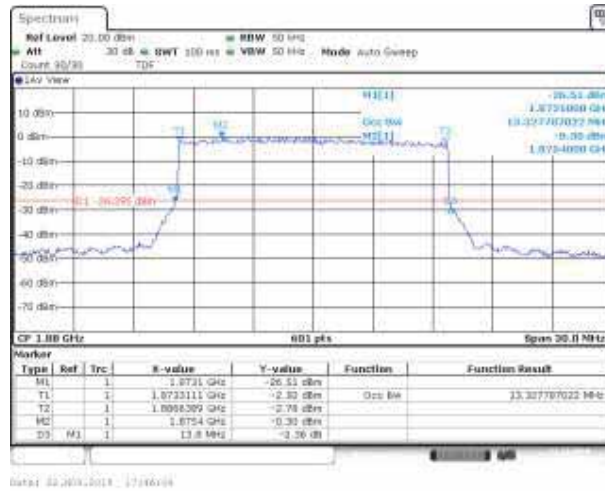
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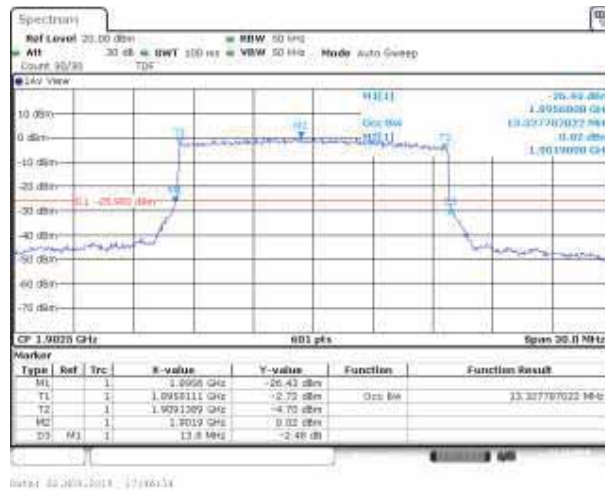
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Band2_15MHz_16QAM_18900_75RB#0



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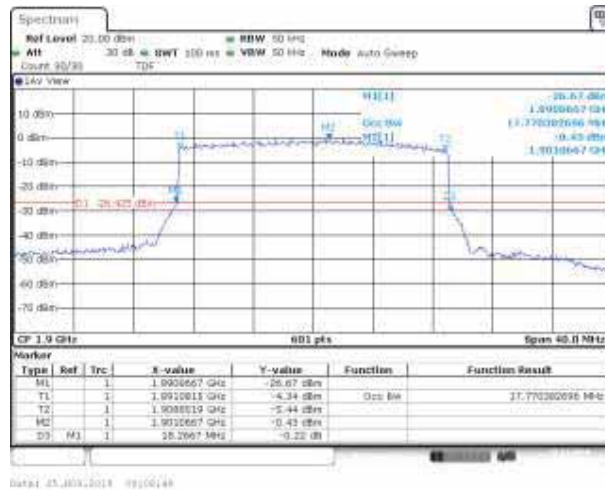
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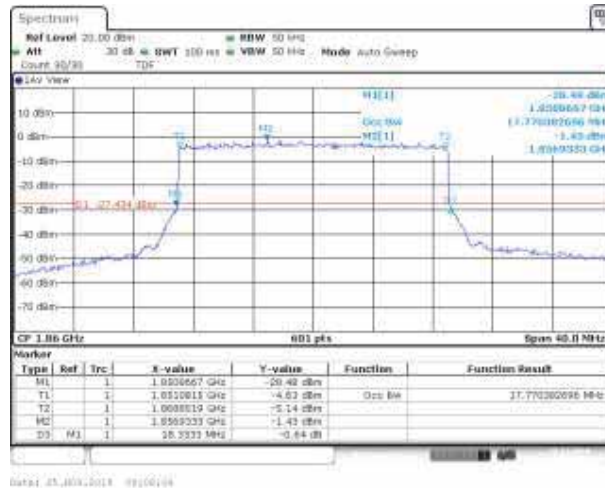
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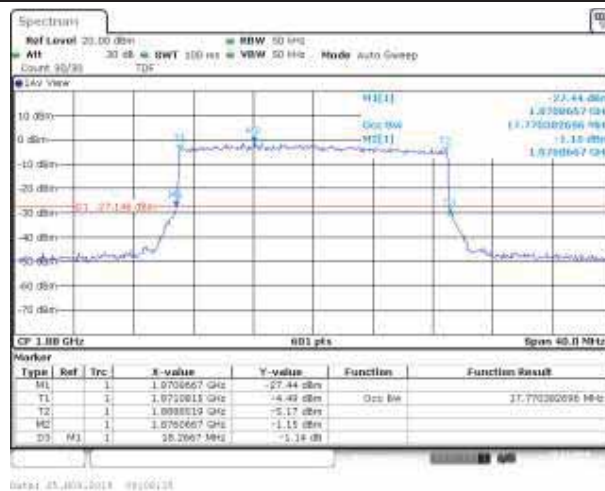
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Band2_20MHz_16QAM_18700_100RB#0



Band2_20MHz_16QAM_18900_100RB#0



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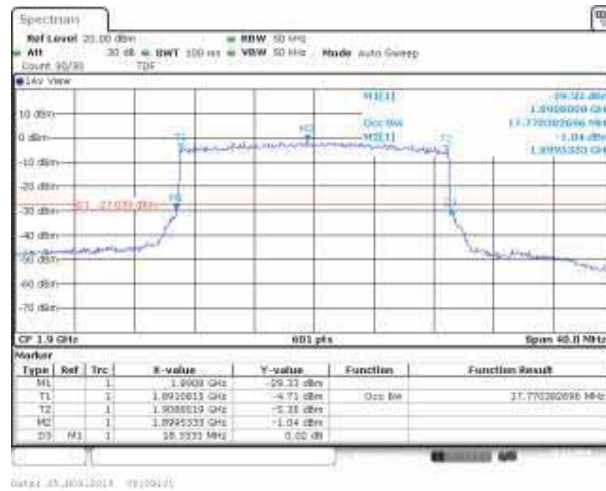
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Band2_20MHz_16QAM_19100_100RB#0



Data: 25.03.2019 09:09:40

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Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-15.95	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	-36.62	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-18.86	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-29.80	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	-33.24	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-18.94	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-15.24	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	-38.40	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-20.64	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-29.92	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	-34.50	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-22.08	PASS
Band2	3MHz	QPSK	18615	1RB#0	-15.04	PASS
Band2	3MHz	QPSK	18615	1RB#14	-41.90	PASS
Band2	3MHz	QPSK	18615	15RB#0	-22.05	PASS
Band2	3MHz	QPSK	19185	1RB#0	-42.81	PASS
Band2	3MHz	QPSK	19185	1RB#14	-15.84	PASS
Band2	3MHz	QPSK	19185	15RB#0	-22.53	PASS
Band2	3MHz	16QAM	18615	1RB#0	-16.38	PASS
Band2	3MHz	16QAM	18615	1RB#14	-42.20	PASS
Band2	3MHz	16QAM	18615	15RB#0	-24.45	PASS
Band2	3MHz	16QAM	19185	1RB#0	-43.33	PASS
Band2	3MHz	16QAM	19185	1RB#14	-16.72	PASS
Band2	3MHz	16QAM	19185	15RB#0	-23.69	PASS
Band2	5MHz	QPSK	18625	1RB#0	-20.65	PASS
Band2	5MHz	QPSK	18625	1RB#24	-50.99	PASS
Band2	5MHz	QPSK	18625	25RB#0	-25.06	PASS
Band2	5MHz	QPSK	19175	1RB#0	-52.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	-22.45	PASS
Band2	5MHz	QPSK	19175	25RB#0	-24.69	PASS
Band2	5MHz	16QAM	18625	1RB#0	-22.13	PASS
Band2	5MHz	16QAM	18625	1RB#24	-52.25	PASS
Band2	5MHz	16QAM	18625	25RB#0	-27.36	PASS
Band2	5MHz	16QAM	19175	1RB#0	-52.26	PASS

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Band2	5MHz	16QAM	19175	1RB#24	-20.73	PASS
Band2	5MHz	16QAM	19175	25RB#0	-27.01	PASS
Band2	10MHz	QPSK	18650	1RB#0	-28.99	PASS
Band2	10MHz	QPSK	18650	1RB#49	-44.28	PASS
Band2	10MHz	QPSK	18650	50RB#0	-24.97	PASS
Band2	10MHz	QPSK	19150	1RB#0	-47.66	PASS
Band2	10MHz	QPSK	19150	1RB#49	-32.11	PASS
Band2	10MHz	QPSK	19150	50RB#0	-26.74	PASS
Band2	10MHz	16QAM	18650	1RB#0	-30.59	PASS
Band2	10MHz	16QAM	18650	1RB#49	-45.48	PASS
Band2	10MHz	16QAM	18650	50RB#0	-28.99	PASS
Band2	10MHz	16QAM	19150	1RB#0	-47.74	PASS
Band2	10MHz	16QAM	19150	1RB#49	-32.93	PASS
Band2	10MHz	16QAM	19150	50RB#0	-29.63	PASS
Band2	15MHz	QPSK	18675	1RB#0	-33.06	PASS
Band2	15MHz	QPSK	18675	1RB#74	-46.35	PASS
Band2	15MHz	QPSK	18675	75RB#0	-29.40	PASS
Band2	15MHz	QPSK	19125	1RB#0	-45.20	PASS
Band2	15MHz	QPSK	19125	1RB#74	-35.36	PASS
Band2	15MHz	QPSK	19125	75RB#0	-30.66	PASS
Band2	15MHz	16QAM	18675	1RB#0	-33.28	PASS
Band2	15MHz	16QAM	18675	1RB#74	-45.40	PASS
Band2	15MHz	16QAM	18675	75RB#0	-32.88	PASS
Band2	15MHz	16QAM	19125	1RB#0	-46.18	PASS
Band2	15MHz	16QAM	19125	1RB#74	-34.15	PASS
Band2	15MHz	16QAM	19125	75RB#0	-34.30	PASS
Band2	20MHz	QPSK	18700	1RB#0	-36.57	PASS
Band2	20MHz	QPSK	18700	1RB#99	-50.07	PASS
Band2	20MHz	QPSK	18700	100RB#0	-32.59	PASS
Band2	20MHz	QPSK	19100	1RB#0	-50.88	PASS
Band2	20MHz	QPSK	19100	1RB#99	-38.46	PASS
Band2	20MHz	QPSK	19100	100RB#0	-34.58	PASS
Band2	20MHz	16QAM	18700	1RB#0	-36.39	PASS
Band2	20MHz	16QAM	18700	1RB#99	-49.92	PASS
Band2	20MHz	16QAM	18700	100RB#0	-35.98	PASS
Band2	20MHz	16QAM	19100	1RB#0	-51.59	PASS
Band2	20MHz	16QAM	19100	1RB#99	-38.70	PASS
Band2	20MHz	16QAM	19100	100RB#0	-36.77	PASS

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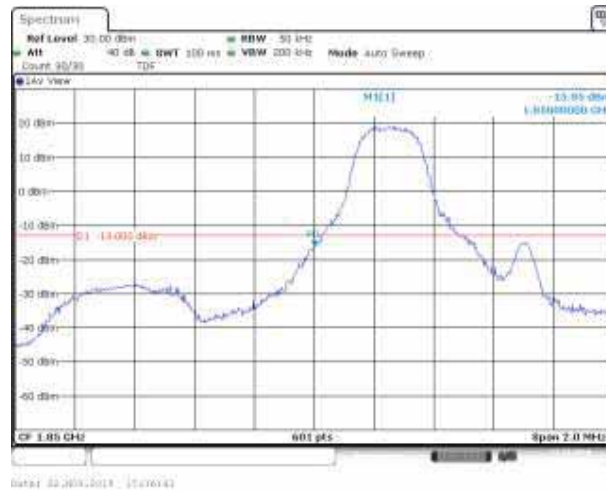
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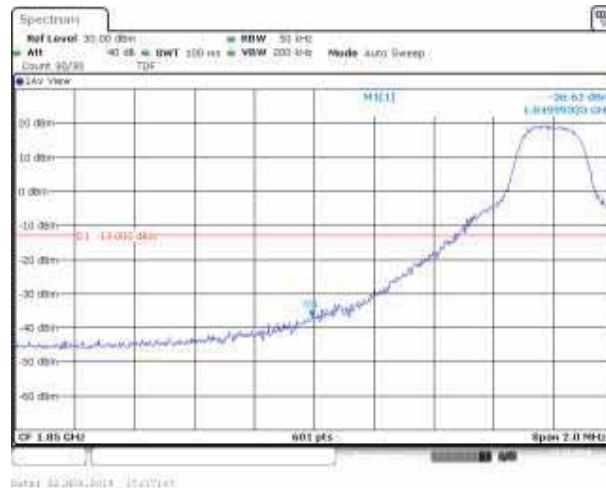
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Test Graphs

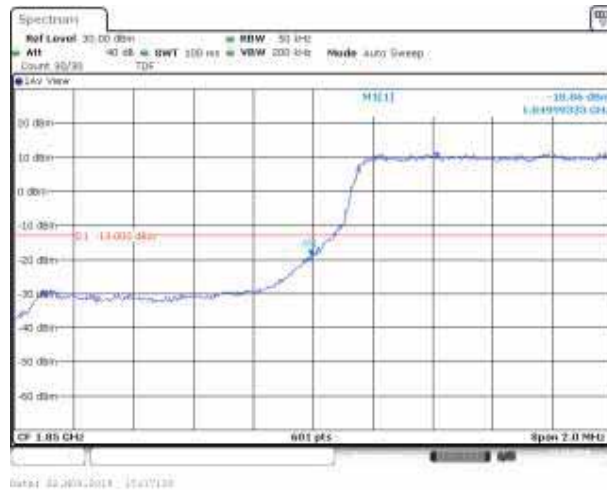
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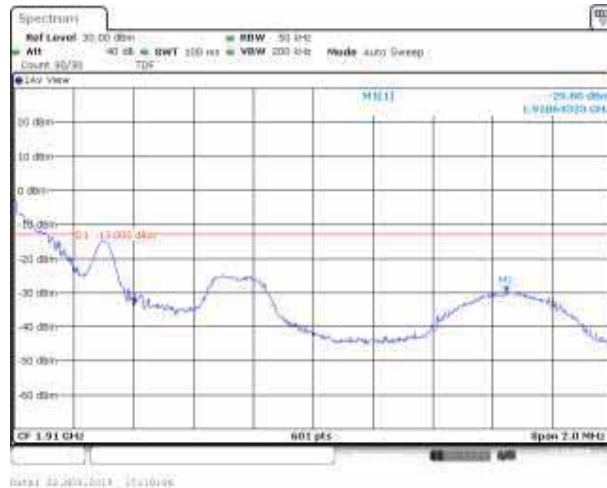
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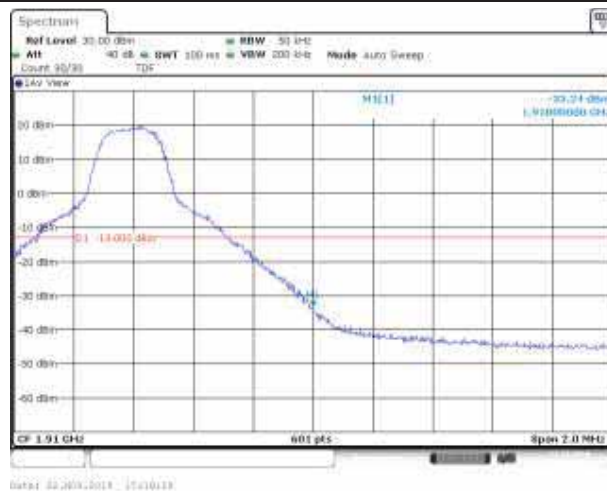
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Band2_1.4MHz_QPSK_19193_1RB#2



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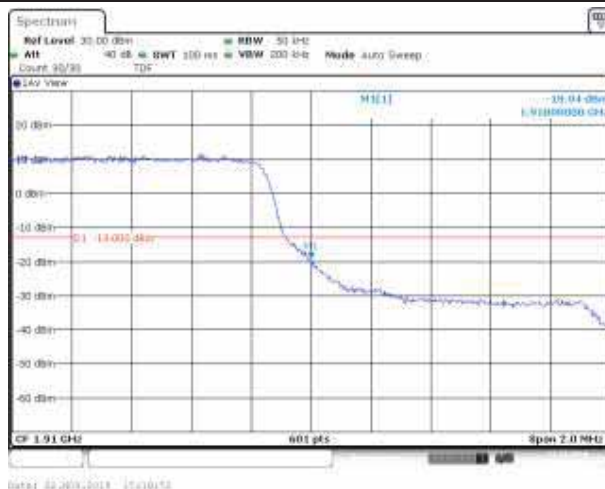
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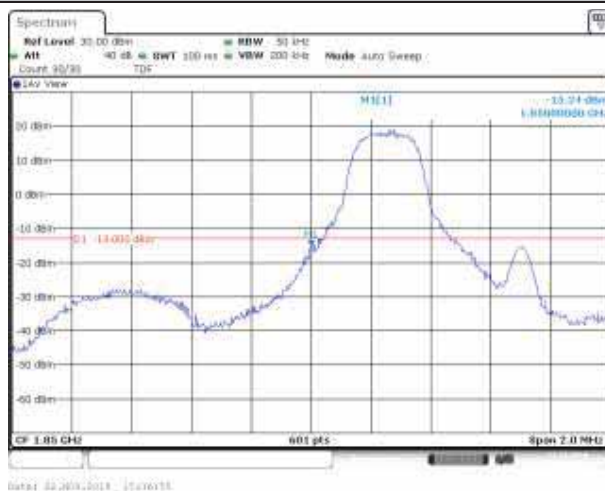
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Band2_1.4MHz_16QAM_18607_1RB#0



Band2_1.4MHz_16QAM_18607_1RB#2

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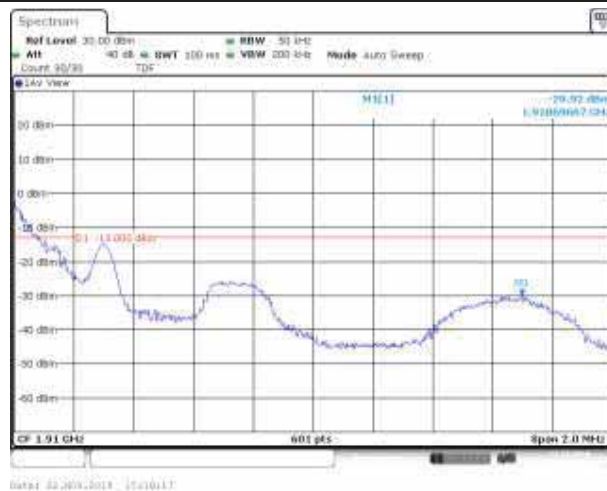
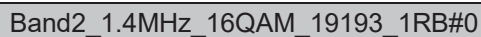
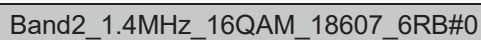
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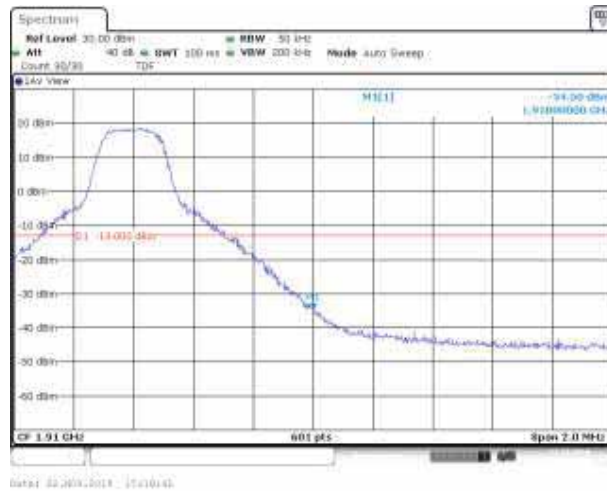
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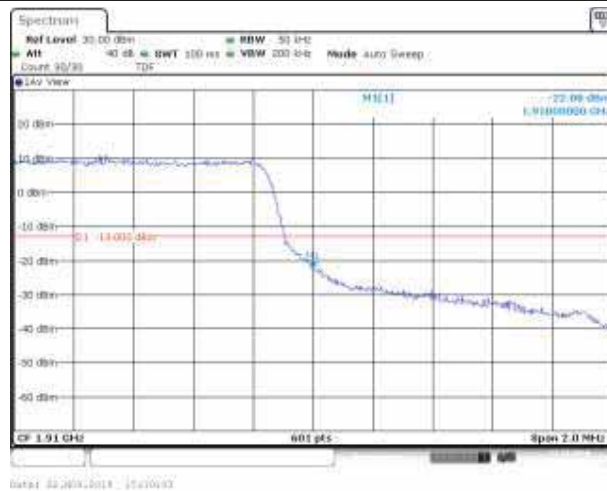


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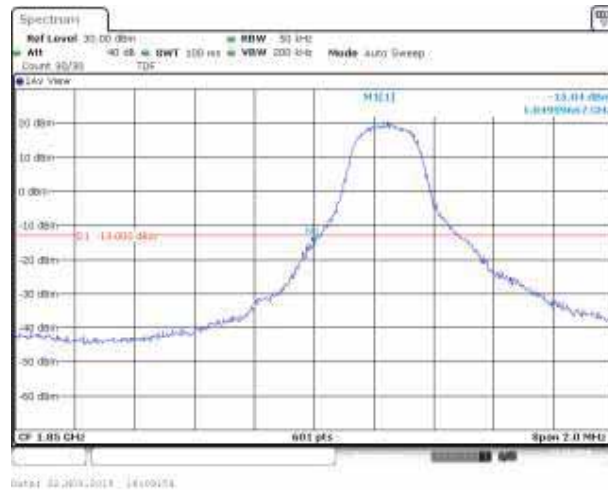
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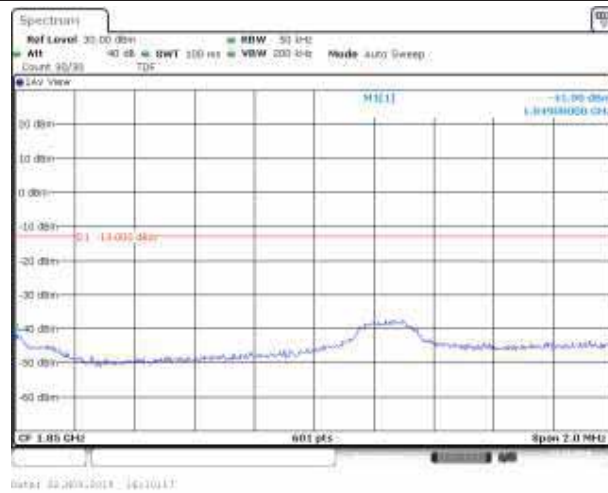
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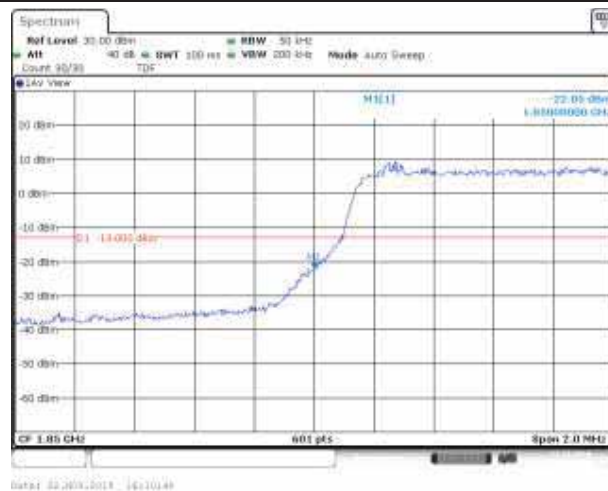
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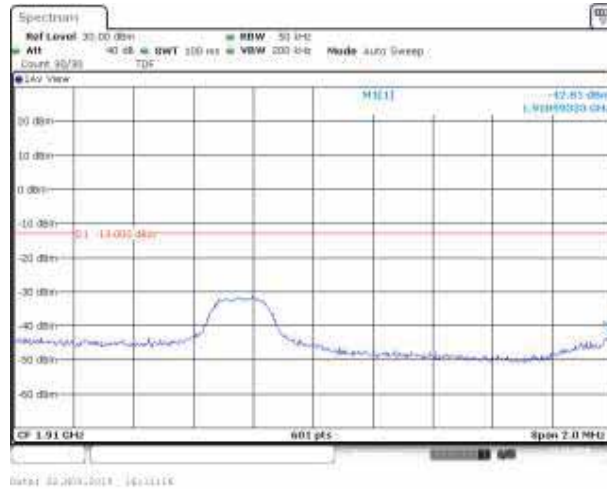
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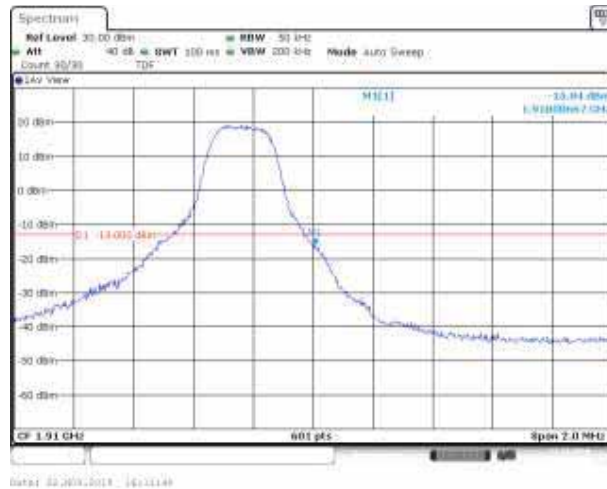
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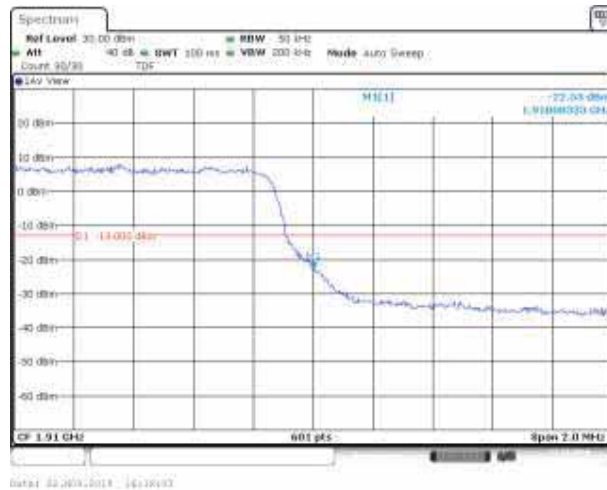
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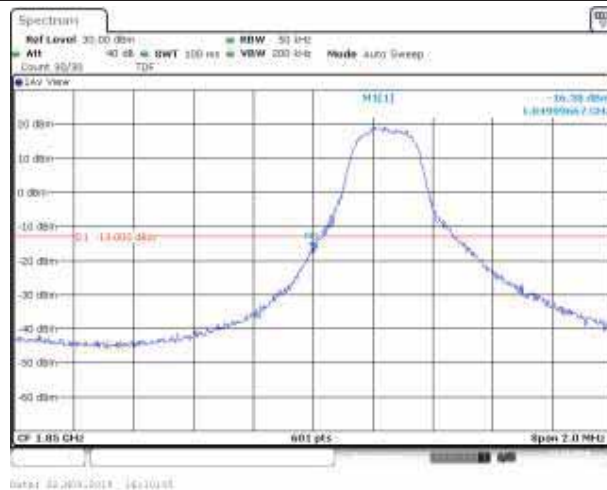
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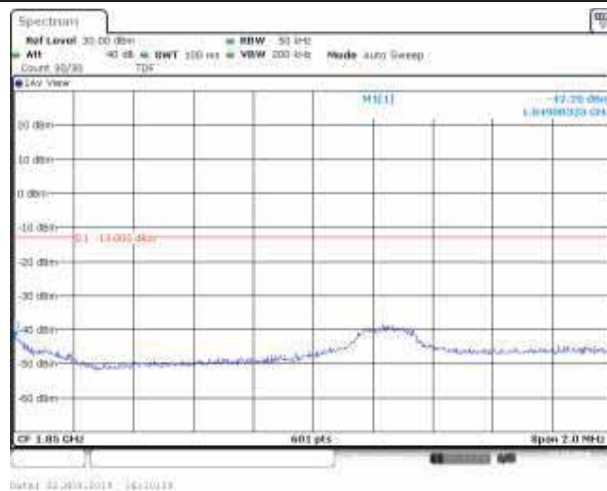
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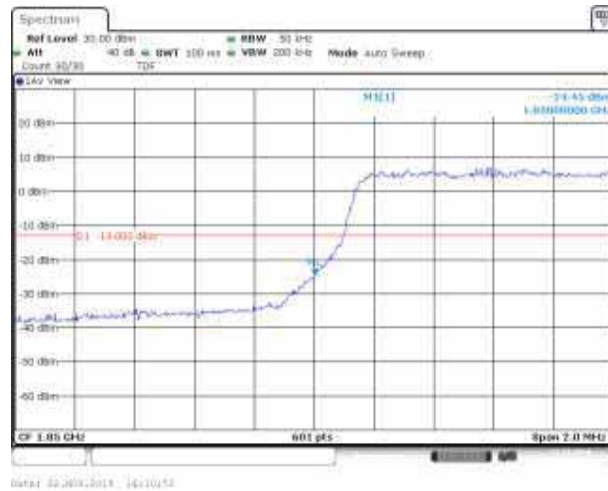


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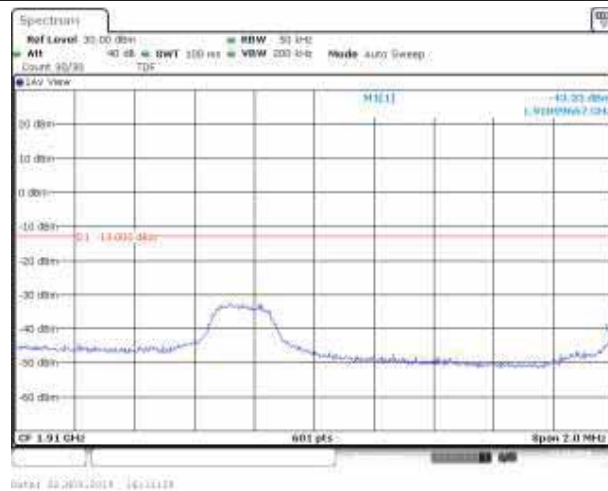
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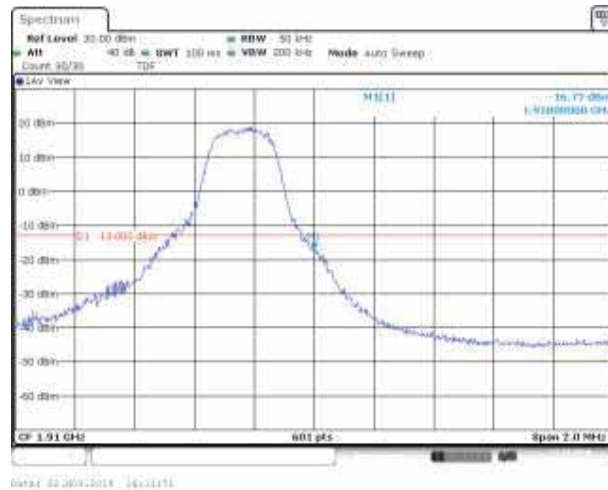
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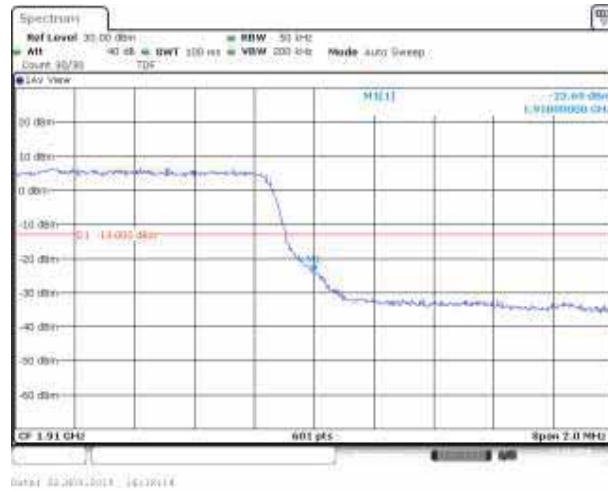
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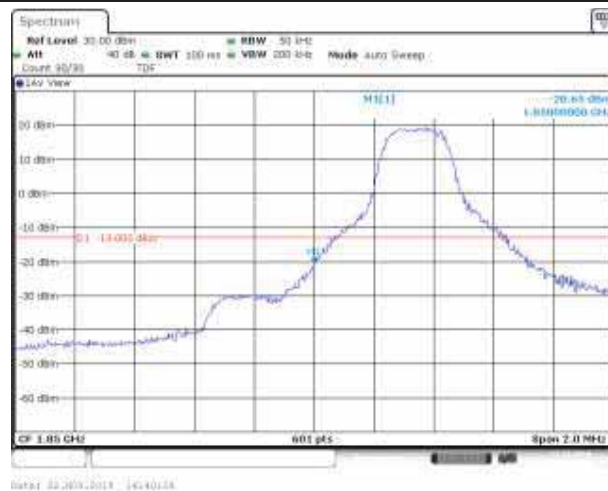
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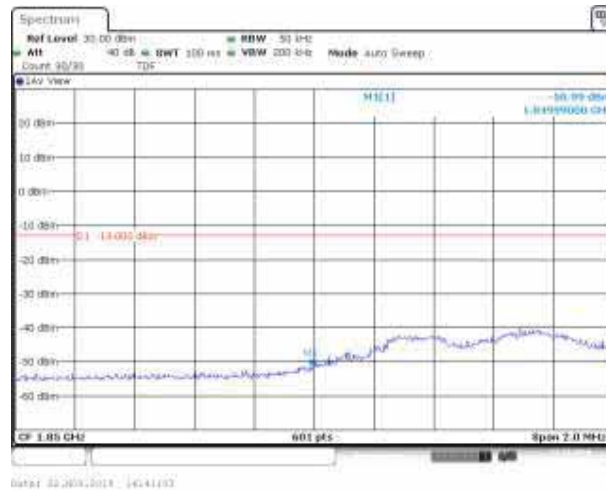
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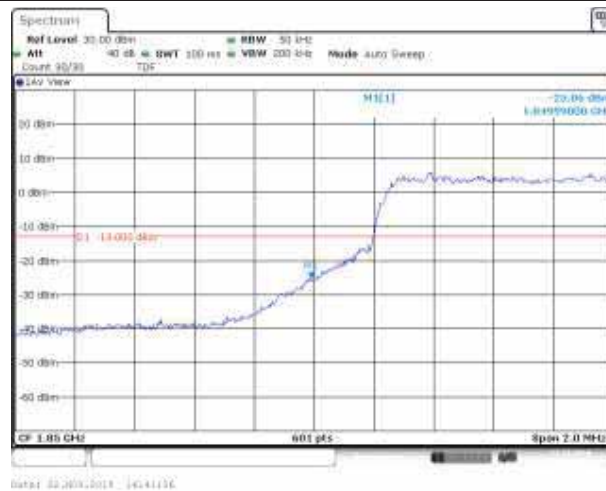
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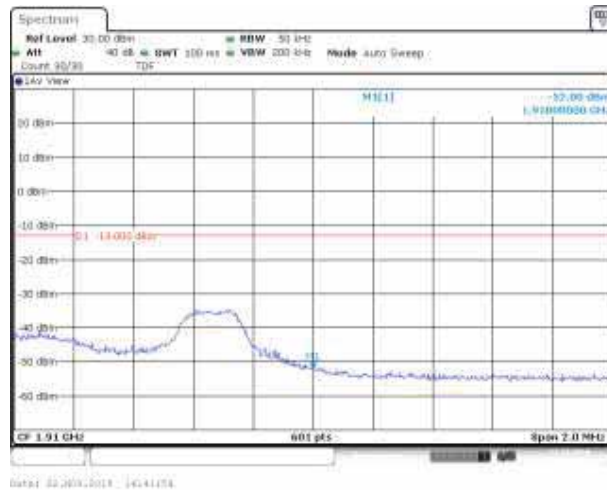
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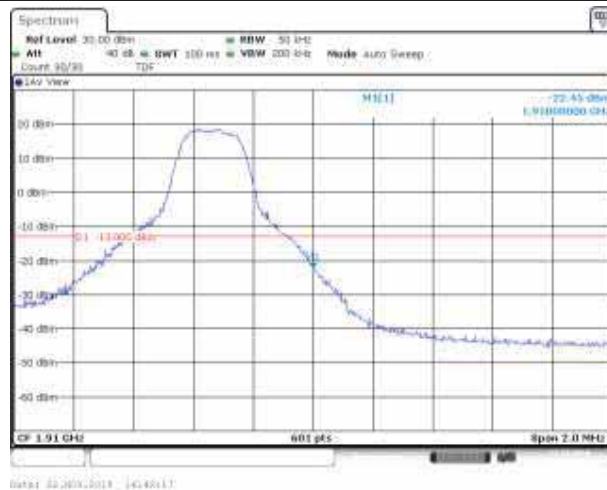
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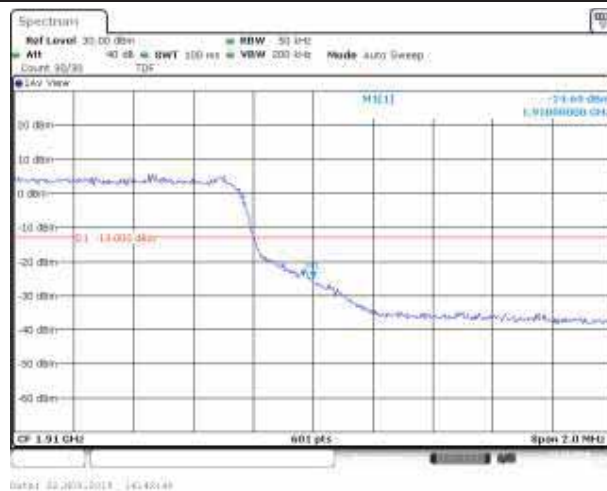
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Band2_5MHz_QPSK_19175_1RB#24



Band2_5MHz_QPSK_19175_25RB#0



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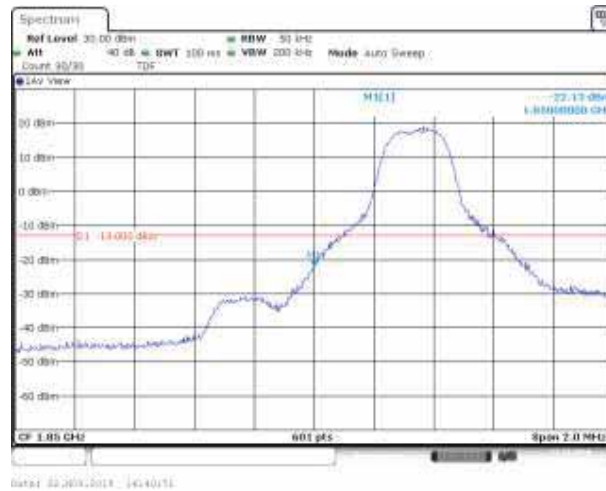
Tel.: (86)755-27521059

Fax: (86)755-27521011

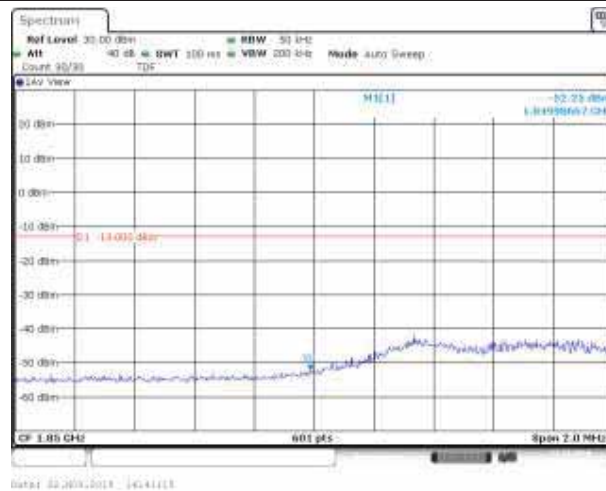
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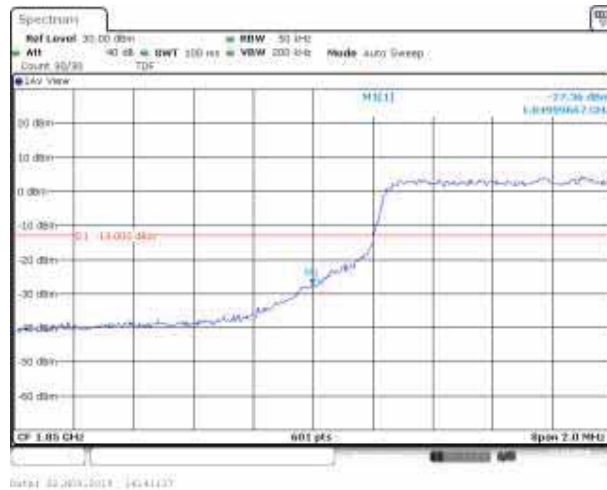
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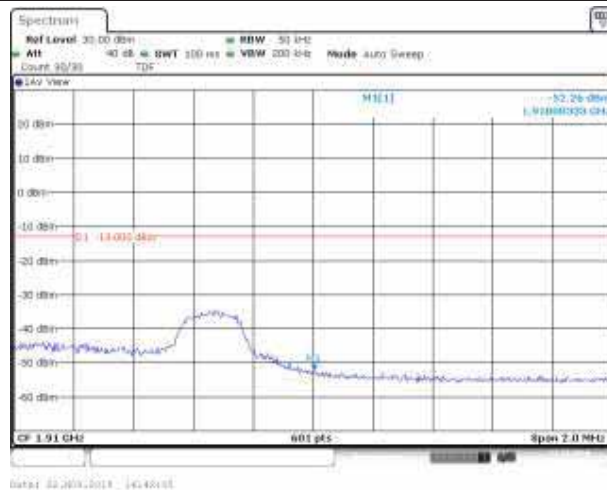
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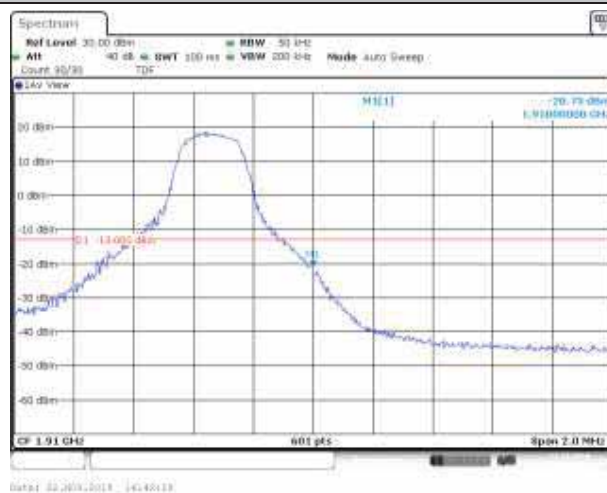
Band2_5MHz_16QAM_18625_25RB#0



Band2_5MHz_16QAM_19175_1RB#0



Band2_5MHz_16QAM_19175_1RB#24



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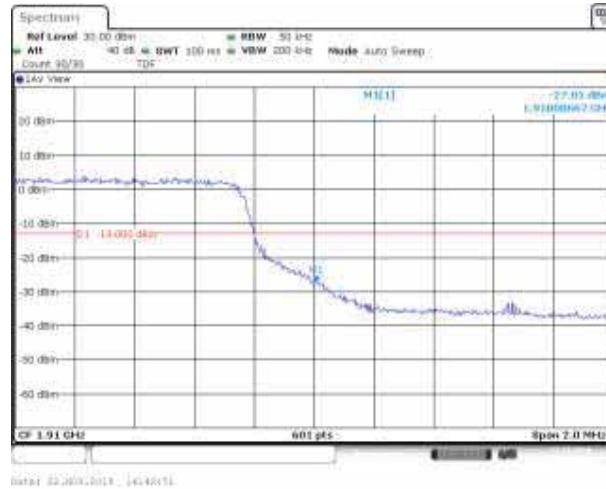
Tel.: (86)755-27521059

Fax: (86)755-27521011

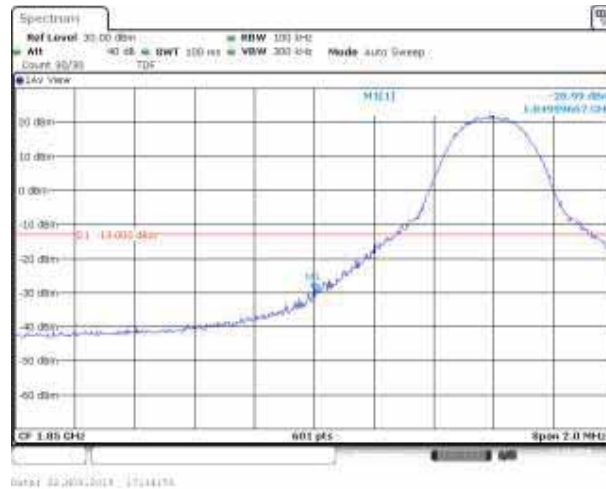
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Band2_5MHz_16QAM_19175_25RB#0



Band2_10MHz_QPSK_18650_1RB#0



Band2_10MHz_QPSK_18650_1RB#49

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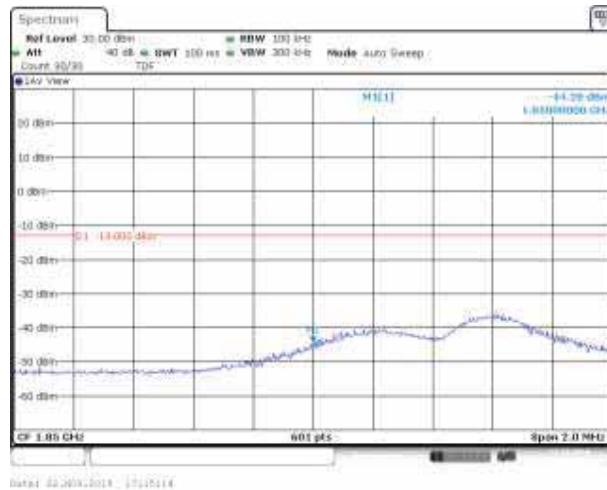
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

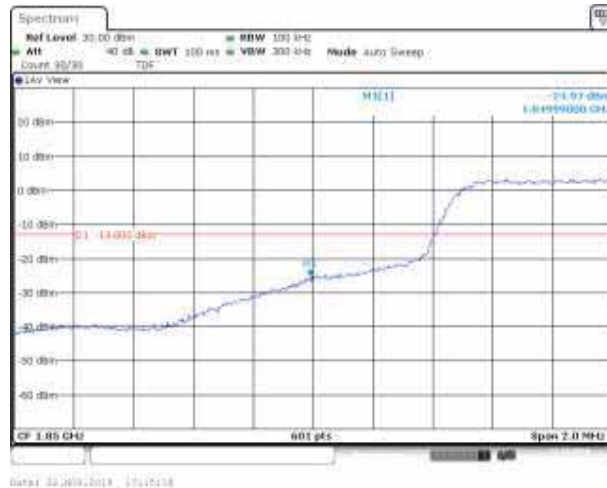
Fax: (86)755-27521011

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

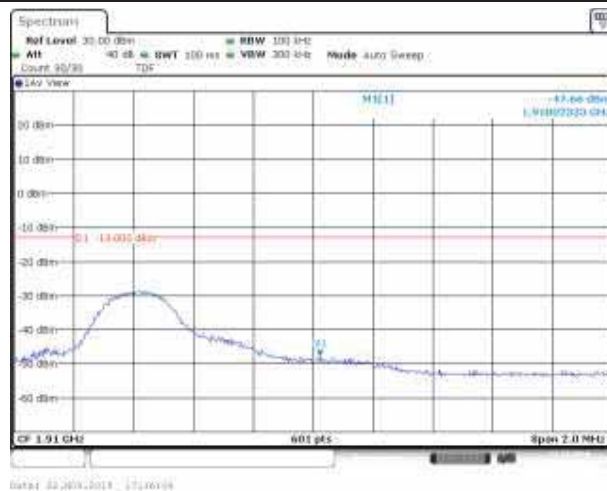

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Band2_10MHz_QPSK_18650_50RB#0



Band2_10MHz_QPSK_19150_1RB#0



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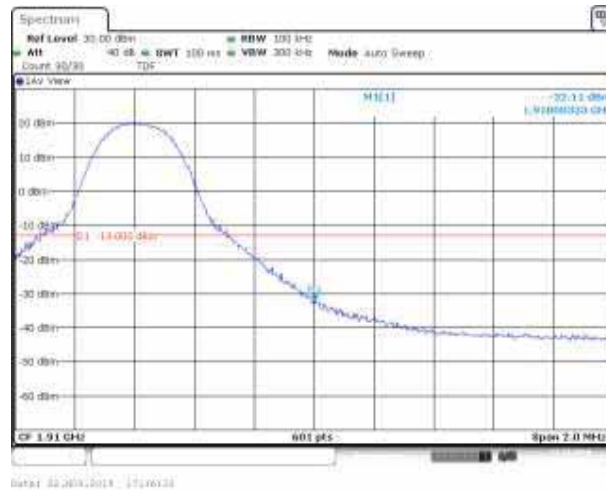
Tel.: (86)755-27521059

Fax: (86)755-27521011

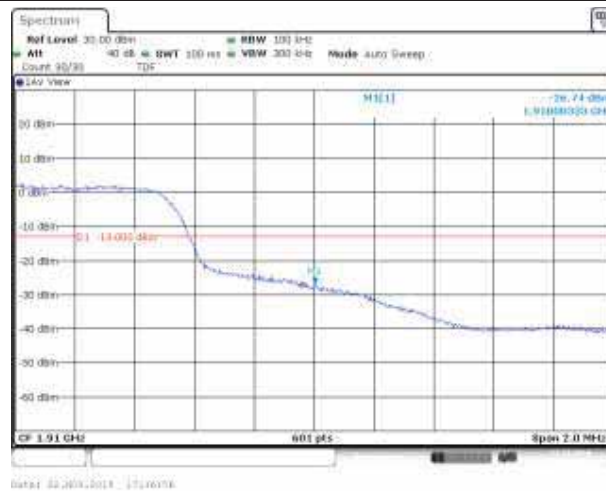
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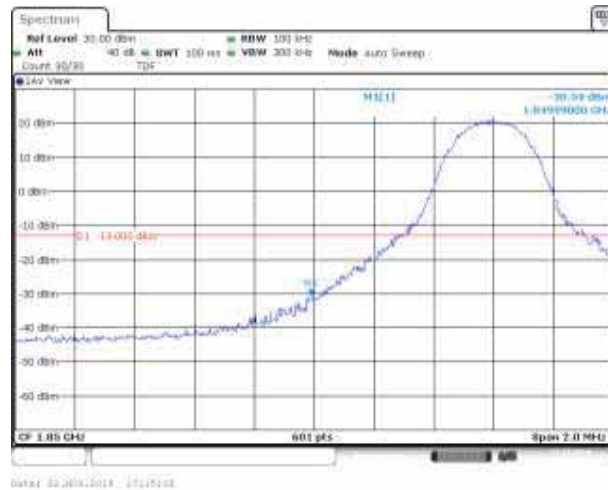
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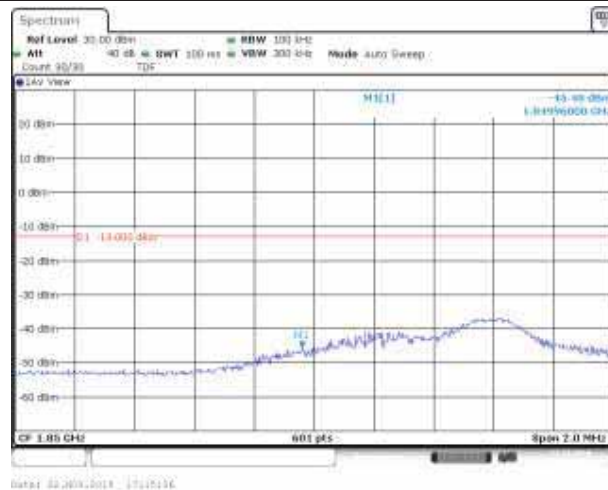
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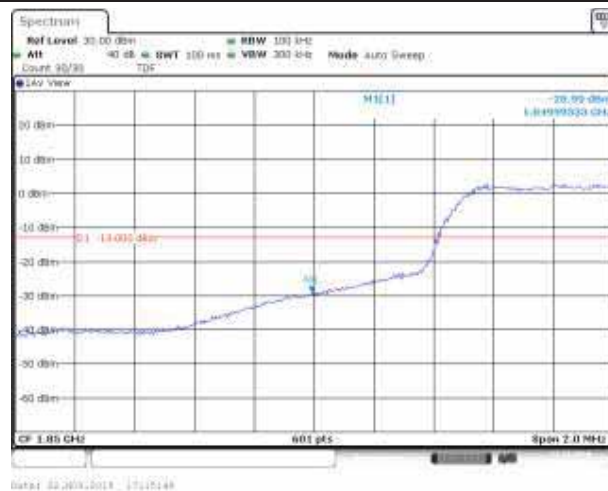
Band2_10MHz_16QAM_18650_1RB#0



Band2_10MHz_16QAM_18650_1RB#49



Band2_10MHz_16QAM_18650_50RB#0



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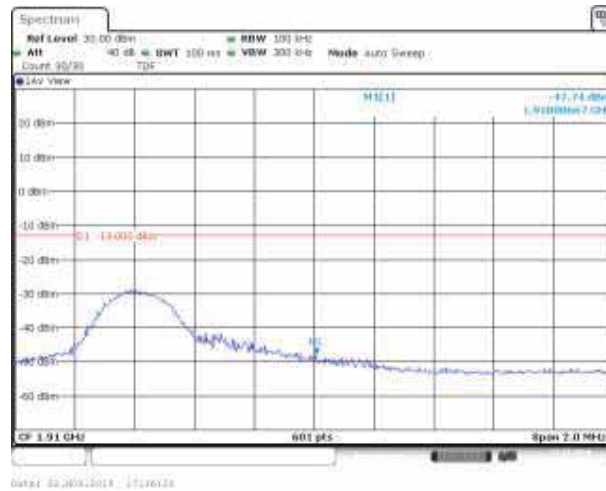
Tel.: (86)755-27521059

Fax: (86)755-27521011

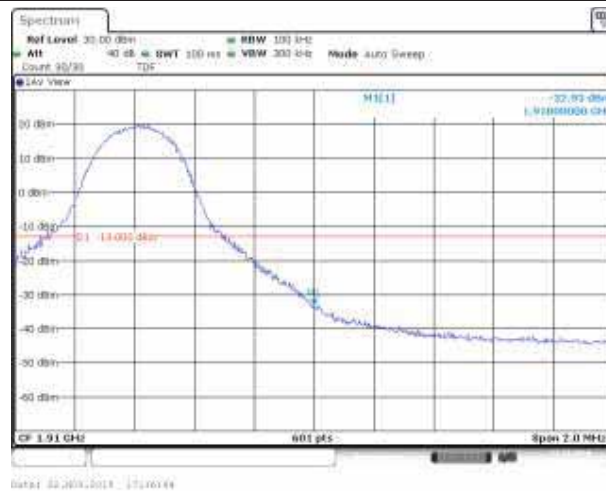
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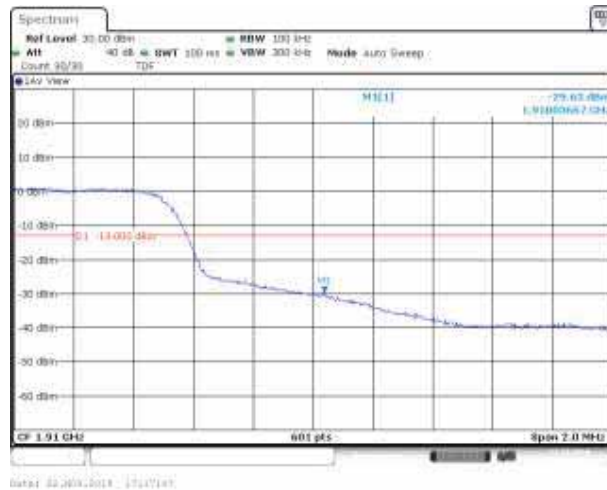
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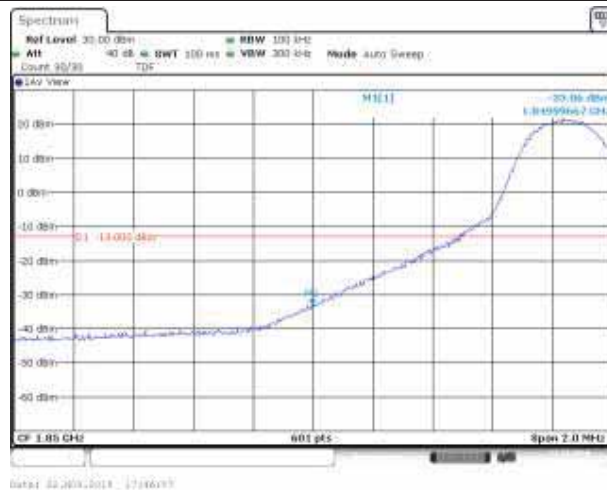
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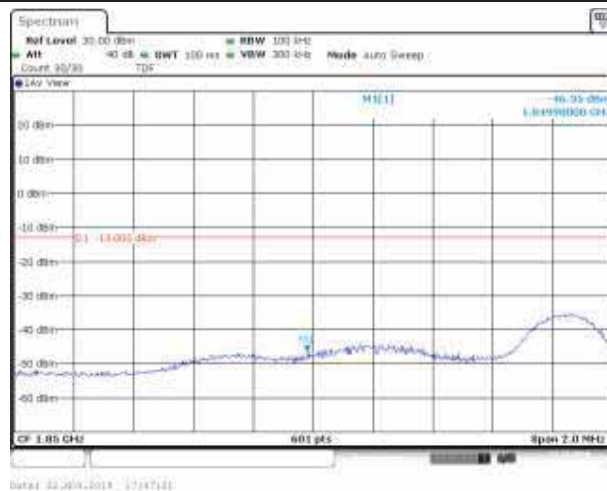
Band2_10MHz_16QAM_19150_50RB#0



Band2_15MHz_QPSK_18675_1RB#0



Band2_15MHz_QPSK_18675_1RB#74



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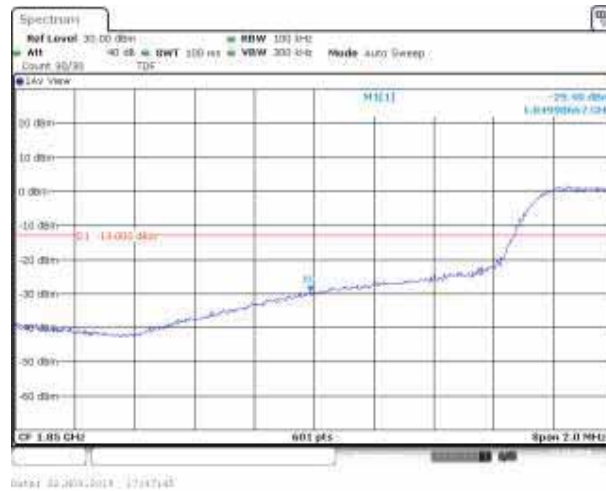
Tel.: (86)755-27521059

Fax: (86)755-27521011

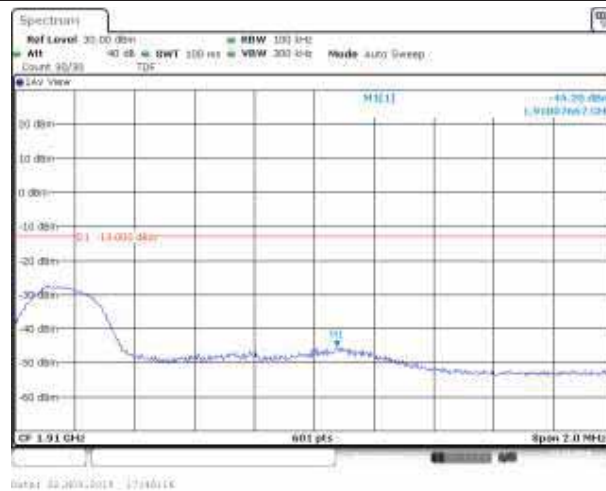
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Band2_15MHz_QPSK_18675_75RB#0



Band2_15MHz_QPSK_19125_1RB#0



Band2_15MHz_QPSK_19125_1RB#74

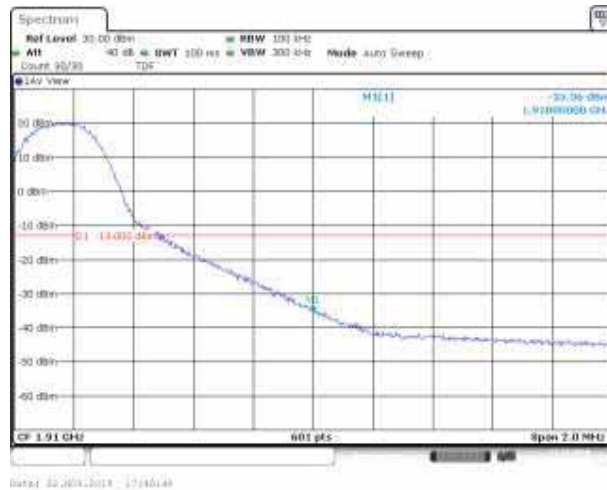
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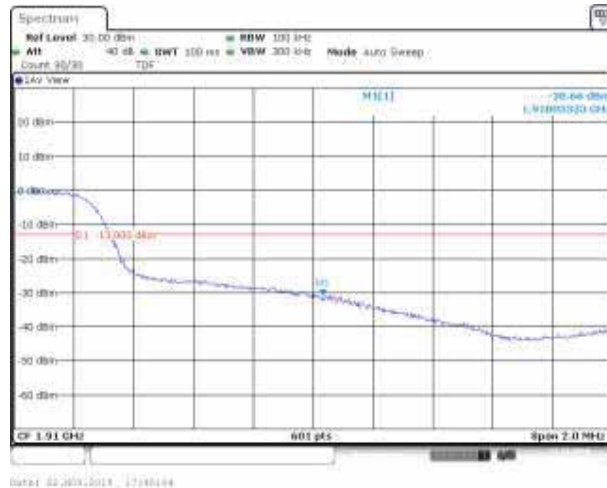
Tel.: (86)755-27521059

Fax: (86)755-27521011

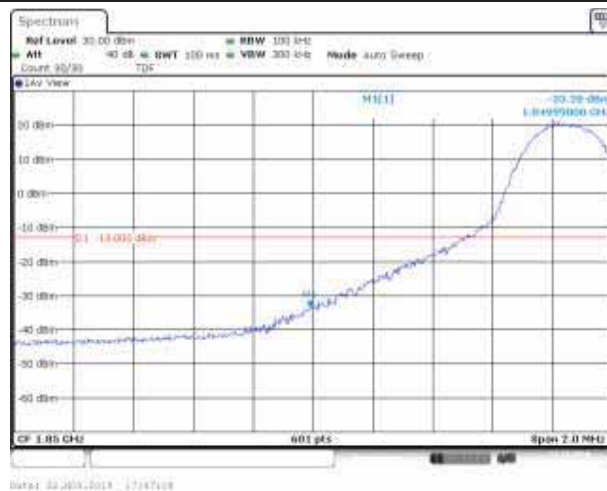
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Band2_15MHz_QPSK_19125_75RB#0



Band2_15MHz_16QAM_18675_1RB#0



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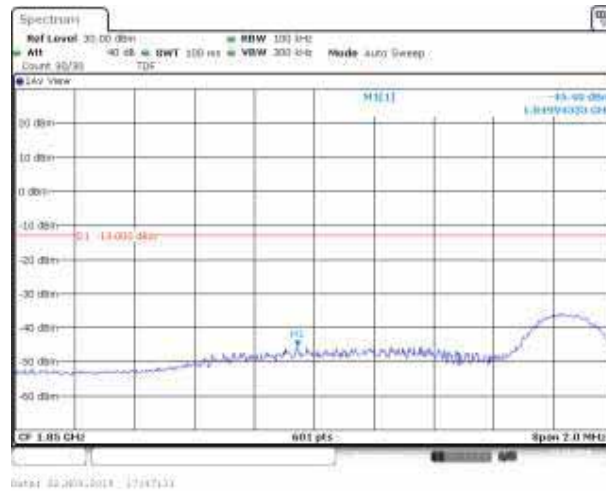
Tel.: (86)755-27521059

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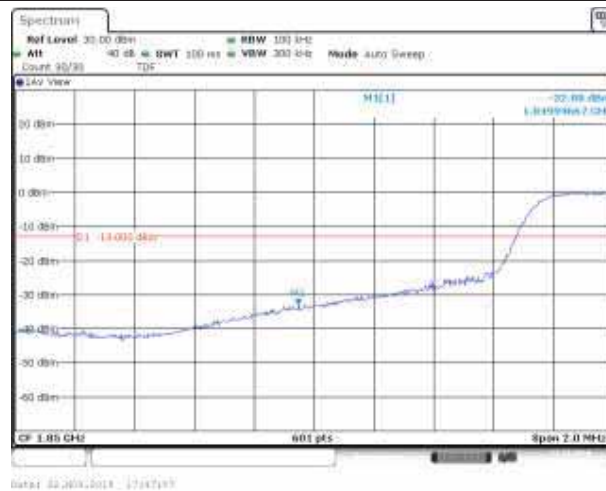
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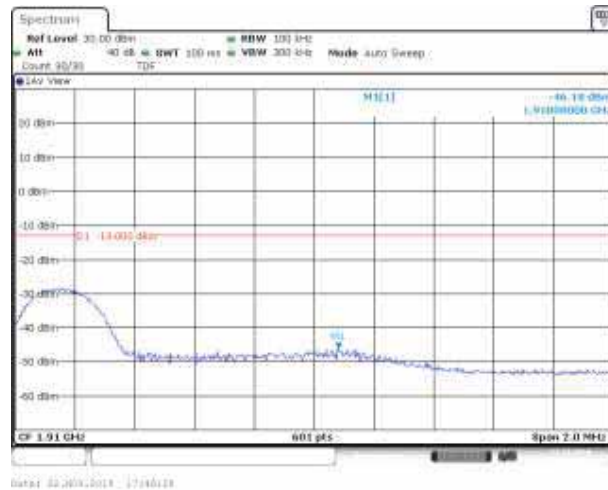
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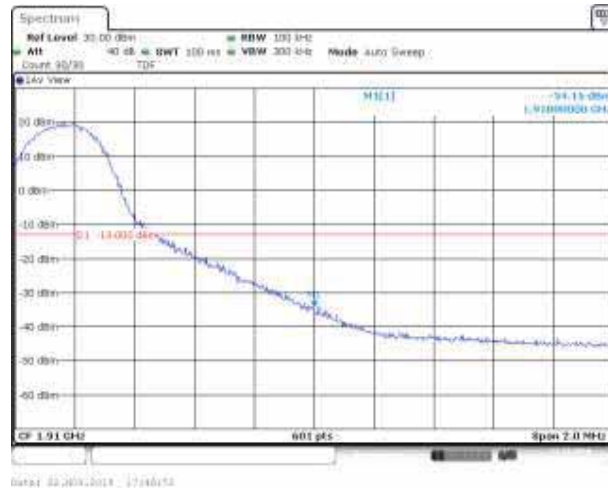
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Band2_15MHz_16QAM_19125_1RB#0



Band2_15MHz_16QAM_19125_1RB#74



Band2_15MHz_16QAM_19125_75RB#0



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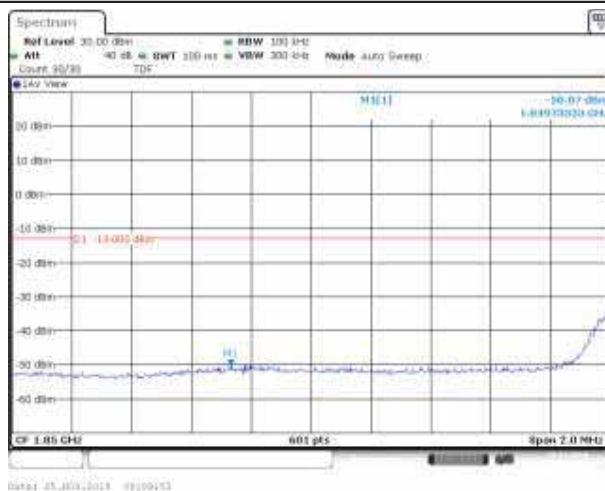
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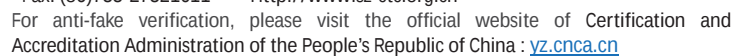
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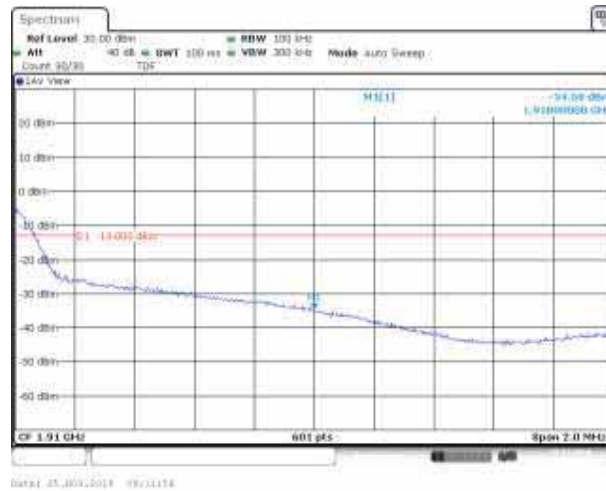
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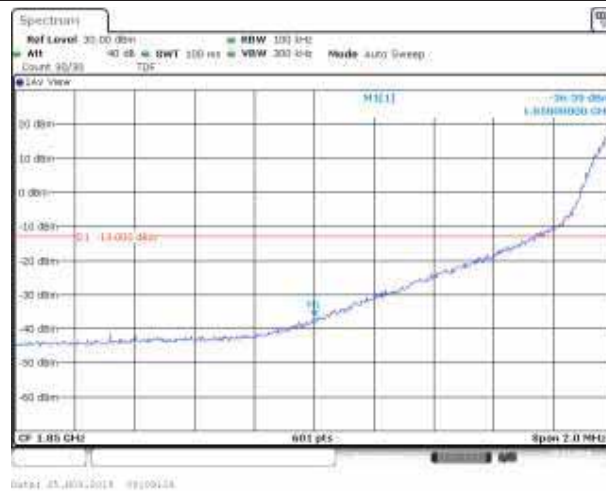
Band2_20MHz_QPSK_18700_100RB#0



Band2_20MHz_QPSK_19100_100RB#0



Band2_20MHz_16QAM_18700_1RB#0



Band2_20MHz_16QAM_18700_1RB#99

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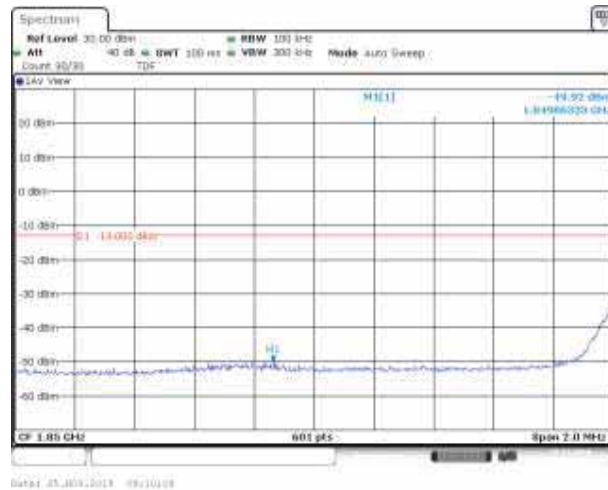
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

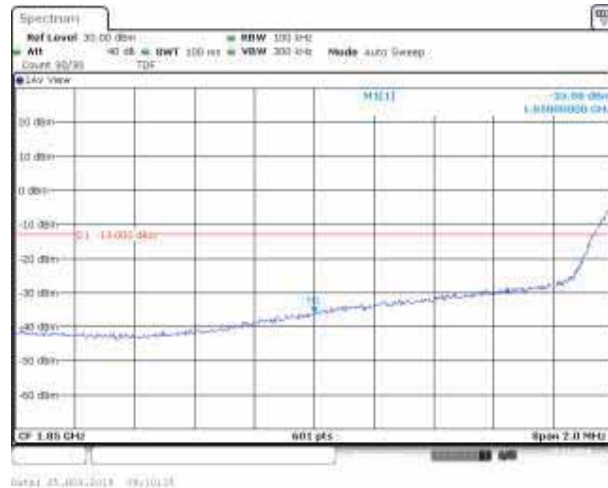
Fax: (86)755-27521011

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

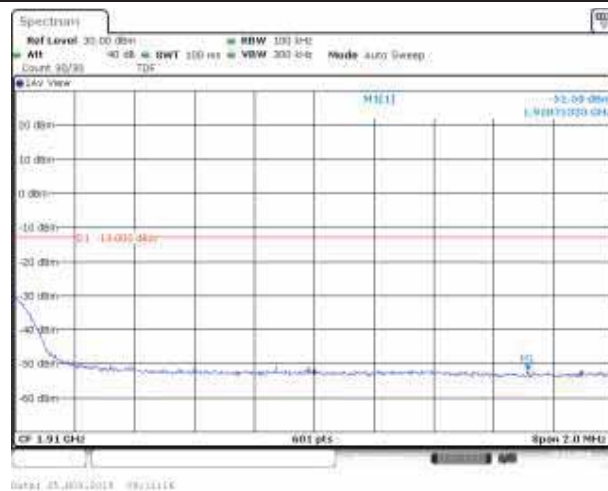

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Band2_20MHz_16QAM_18700_100RB#0



Band2_20MHz_16QAM_19100_1RB#0



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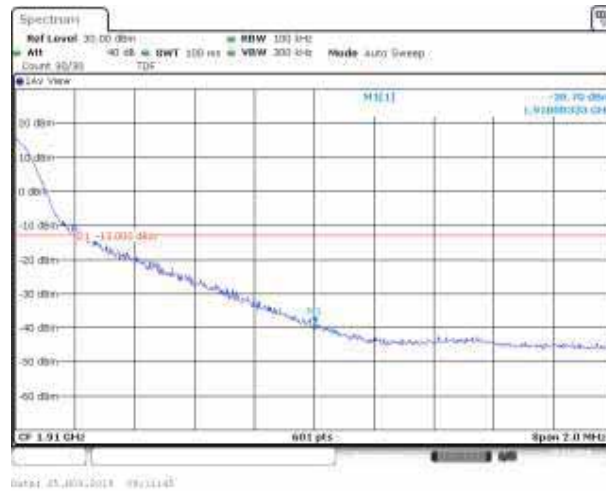
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

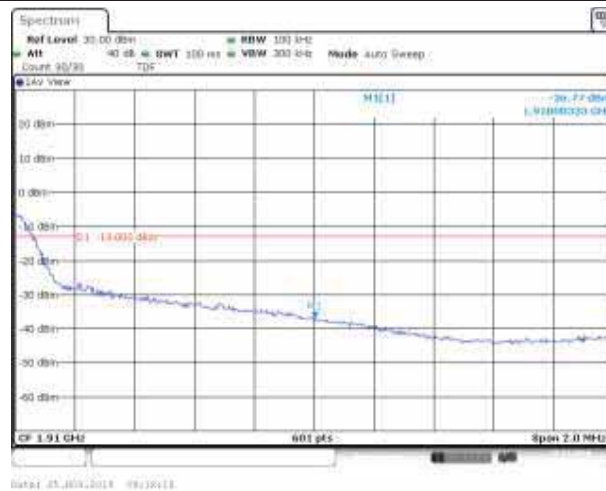
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Band2_20MHz_16QAM_19100_1RB#99



Band2_20MHz_16QAM_19100_100RB#0



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Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:0.009~0.15MHz	-55.99	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:0.15~30MHz	-51.27	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range3:30~1000MHz	-59.69	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range4:1000~5000MHz	-41.2	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range5:5000~12000MHz	-36.26	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range6:12000~26500MHz	-58.43	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-55.72	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-53.3	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-59.26	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range4:1000~5000MHz	-41.48	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range5:5000~12000MHz	-37.29	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range6:12000~26500MHz	-58.4	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:0.009~0.15MHz	-54.65	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:0.15~30MHz	-51.75	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range3:30~1000MHz	-59.85	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range4:1000~5000MHz	-39.87	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range5:5000~12000MHz	-37.41	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range6:12000~26500MHz	-58.49	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:0.009~0.15MHz	-53.76	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:0.15~30MHz	-51.3	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range3:30~1000MHz	-59.64	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range4:1000~5000MHz	-42.01	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range5:5000~12000MHz	-37.79	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range6:12000~26500MHz	-58.26	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-54.56	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-50.44	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-60.16	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range4:1000~5000MHz	-43.02	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range5:5000~12000MHz	-39.57	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range6:12000~26500MHz	-58.47	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:0.009~0.15MHz	-53.3	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:0.15~30MHz	-53.44	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range3:30~1000MHz	-60.8	PASS

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Band2	1.4MHz	16QAM	19193	1RB#0	Range4:1000~5000MHz	-40.17	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range5:5000~12000MHz	-37.76	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range6:12000~26500MHz	-58.44	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range1:0.009~0.15MHz	-55.23	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range2:0.15~30MHz	-49.61	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range3:30~1000MHz	-59.93	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range4:1000~5000MHz	-41.48	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range5:5000~12000MHz	-35.51	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range6:12000~26500MHz	-58.56	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-52.77	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-50.53	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-60.47	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range4:1000~5000MHz	-41.8	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range5:5000~12000MHz	-36.88	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range6:12000~26500MHz	-58.41	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range1:0.009~0.15MHz	-54.72	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range2:0.15~30MHz	-51.57	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range3:30~1000MHz	-60.01	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range4:1000~5000MHz	-39.41	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range5:5000~12000MHz	-36.68	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range6:12000~26500MHz	-58.41	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range1:0.009~0.15MHz	-54.29	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range2:0.15~30MHz	-53.02	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range3:30~1000MHz	-60.38	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range4:1000~5000MHz	-41.93	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range5:5000~12000MHz	-35.45	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range6:12000~26500MHz	-58.55	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-54.64	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-51.72	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-60.51	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range4:1000~5000MHz	-42.9	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range5:5000~12000MHz	-37.57	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range6:12000~26500MHz	-58.6	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range1:0.009~0.15MHz	-54.15	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range2:0.15~30MHz	-53.01	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range3:30~1000MHz	-60.21	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range4:1000~5000MHz	-40.66	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range5:5000~12000MHz	-36.55	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range6:12000~26500MHz	-58.46	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range1:0.009~0.15MHz	-55.25	PASS

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Band2	5MHz	QPSK	18625	1RB#0	Range2:0.15~30MHz	-50.43	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range3:30~1000MHz	-60.28	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range4:1000~5000MHz	-41.58	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range5:5000~12000MHz	-36.23	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range6:12000~26500MHz	-58.3	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-54.12	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-50.42	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-60.28	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range4:1000~5000MHz	-42.24	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range5:5000~12000MHz	-36.52	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range6:12000~26500MHz	-58.48	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range1:0.009~0.15MHz	-53.94	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range2:0.15~30MHz	-52.49	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range3:30~1000MHz	-59.48	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range4:1000~5000MHz	-40.89	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range5:5000~12000MHz	-36.01	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range6:12000~26500MHz	-58.53	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range1:0.009~0.15MHz	-55.26	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range2:0.15~30MHz	-50.89	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range3:30~1000MHz	-60.03	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range4:1000~5000MHz	-42.19	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range5:5000~12000MHz	-36.72	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range6:12000~26500MHz	-58.46	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-54.48	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-55.87	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-59.8	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range4:1000~5000MHz	-43.4	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range5:5000~12000MHz	-39.19	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range6:12000~26500MHz	-58.51	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range1:0.009~0.15MHz	-55.49	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range2:0.15~30MHz	-51.01	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range3:30~1000MHz	-60.18	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range4:1000~5000MHz	-41.53	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range5:5000~12000MHz	-38.54	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range6:12000~26500MHz	-58.61	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range1:0.009~0.15MHz	-54.85	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range2:0.15~30MHz	-53.26	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range3:30~1000MHz	-59.61	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range4:1000~5000MHz	-41.18	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range5:5000~12000MHz	-36.01	PASS

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Band2	10MHz	QPSK	18650	1RB#0	Range6:12000~26500MHz	-58.58	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-52.07	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-51.66	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-59.75	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range4:1000~5000MHz	-43.01	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range5:5000~12000MHz	-36.34	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range6:12000~26500MHz	-58.42	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range1:0.009~0.15MHz	-53.26	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range2:0.15~30MHz	-53.22	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range3:30~1000MHz	-60.4	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range4:1000~5000MHz	-43.75	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range5:5000~12000MHz	-36.21	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range6:12000~26500MHz	-58.48	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range1:0.009~0.15MHz	-52.91	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range2:0.15~30MHz	-53.23	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range3:30~1000MHz	-60.5	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range4:1000~5000MHz	-41.23	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range5:5000~12000MHz	-35.15	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range6:12000~26500MHz	-58.55	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-54.05	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-53.28	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-59.97	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range4:1000~5000MHz	-43.4	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range5:5000~12000MHz	-37.05	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range6:12000~26500MHz	-58.56	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range1:0.009~0.15MHz	-53.3	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range2:0.15~30MHz	-52.32	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range3:30~1000MHz	-59.84	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range4:1000~5000MHz	-43.83	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range5:5000~12000MHz	-37.86	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range6:12000~26500MHz	-58.32	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range1:0.009~0.15MHz	-55.83	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range2:0.15~30MHz	-51.09	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range3:30~1000MHz	-60.28	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range4:1000~5000MHz	-41.95	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range5:5000~12000MHz	-36.24	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range6:12000~26500MHz	-58.49	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-56	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-52.13	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-60.74	PASS

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Band2	15MHz	QPSK	18900	1RB#0	Range4:1000~5000MHz	-43.84	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range5:5000~12000MHz	-37.62	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range6:12000~26500MHz	-58.49	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range1:0.009~0.15MHz	-53.76	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range2:0.15~30MHz	-52.58	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range3:30~1000MHz	-60.4	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range4:1000~5000MHz	-43.18	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range5:5000~12000MHz	-37.75	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range6:12000~26500MHz	-58.56	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range1:0.009~0.15MHz	-55.57	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range2:0.15~30MHz	-55.55	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range3:30~1000MHz	-60.71	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range4:1000~5000MHz	-42.88	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range5:5000~12000MHz	-37.7	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range6:12000~26500MHz	-58.64	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-54.86	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-54.33	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-60.21	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range4:1000~5000MHz	-43.95	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range5:5000~12000MHz	-39.41	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range6:12000~26500MHz	-58.56	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range1:0.009~0.15MHz	-52.8	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range2:0.15~30MHz	-50.54	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range3:30~1000MHz	-60.14	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range4:1000~5000MHz	-43.39	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range5:5000~12000MHz	-36.74	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range6:12000~26500MHz	-58.61	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:0.009~0.15MHz	-55.1	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:0.15~30MHz	-52.05	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range3:30~1000MHz	-60.61	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range4:1000~5000MHz	-41.41	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range5:5000~12000MHz	-35.69	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range6:12000~26500MHz	-58.66	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-53.88	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-52.55	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-61.19	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range4:1000~5000MHz	-43.93	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range5:5000~12000MHz	-37.61	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range6:12000~26500MHz	-58.5	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:0.009~0.15MHz	-54.68	PASS

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Band2	20MHz	QPSK	19100	1RB#0	Range2:0.15~30MHz	-49.81	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range3:30~1000MHz	-60.68	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range4:1000~5000MHz	-41.52	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range5:5000~12000MHz	-38.45	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range6:12000~26500MHz	-58.72	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:0.009~0.15MHz	-54.82	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:0.15~30MHz	-52.02	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range3:30~1000MHz	-60.38	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range4:1000~5000MHz	-41.95	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range5:5000~12000MHz	-38.62	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range6:12000~26500MHz	-58.65	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-52.73	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-52.99	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-60.35	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range4:1000~5000MHz	-43.84	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range5:5000~12000MHz	-37.63	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range6:12000~26500MHz	-58.58	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:0.009~0.15MHz	-52.95	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:0.15~30MHz	-52.34	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range3:30~1000MHz	-60.51	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range4:1000~5000MHz	-42.02	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range5:5000~12000MHz	-38.2	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range6:12000~26500MHz	-58.51	PASS

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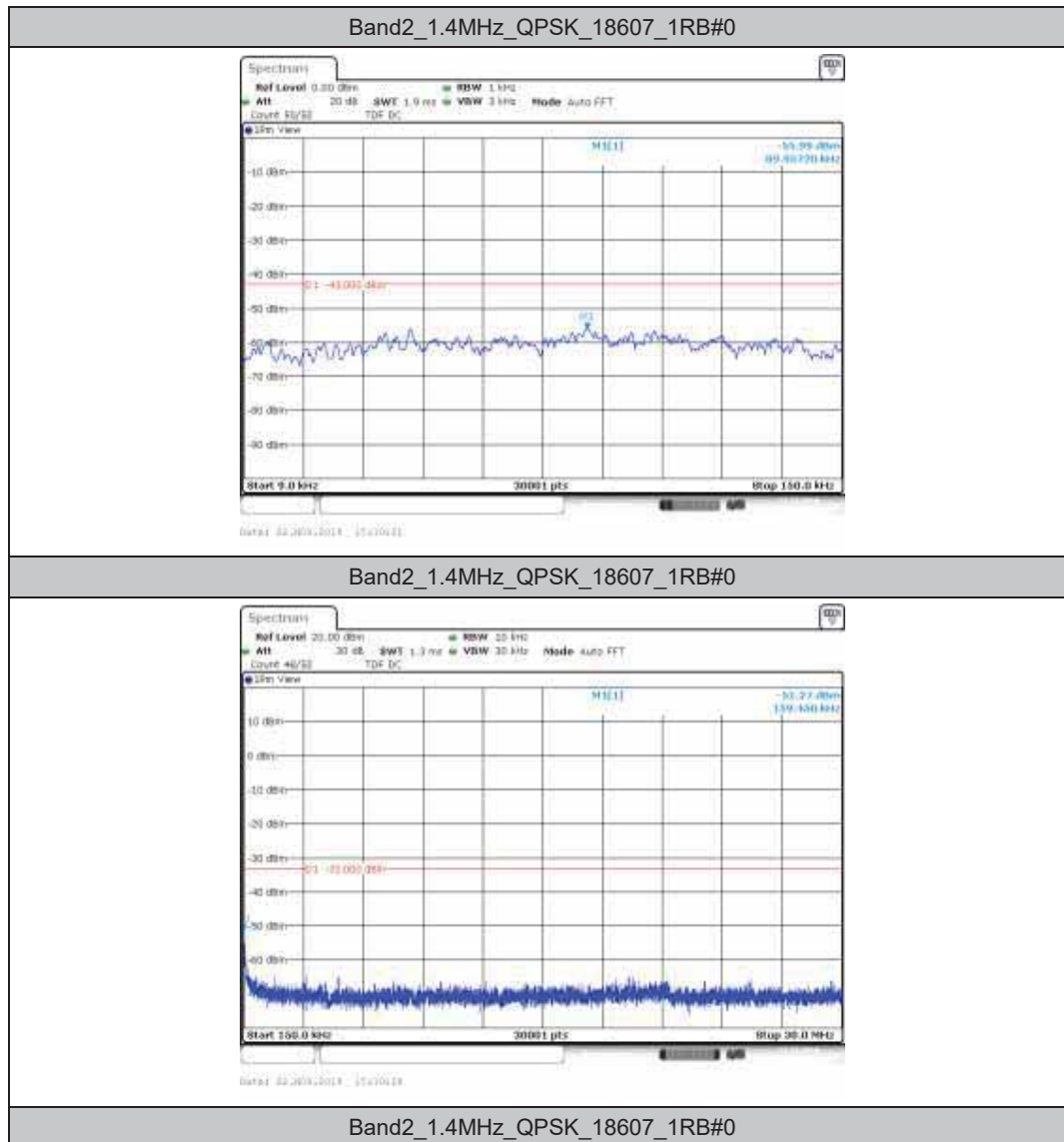


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Test Graphs



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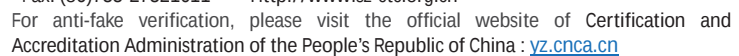
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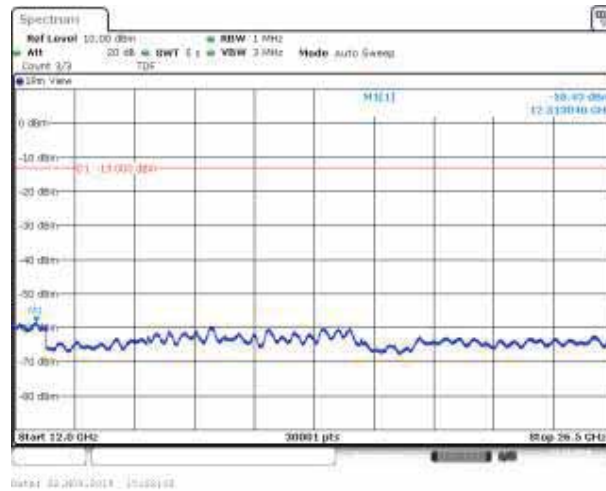
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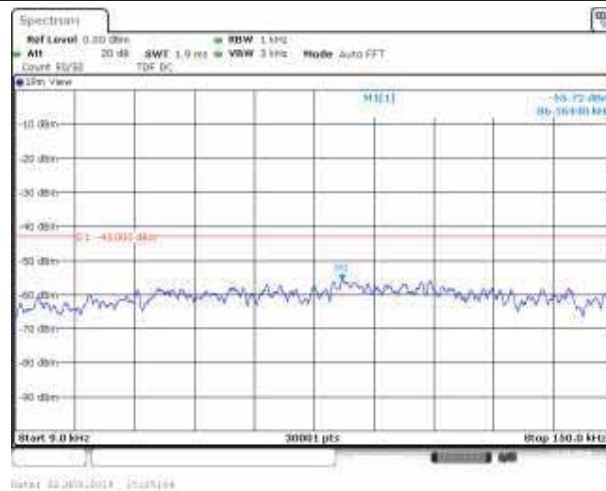
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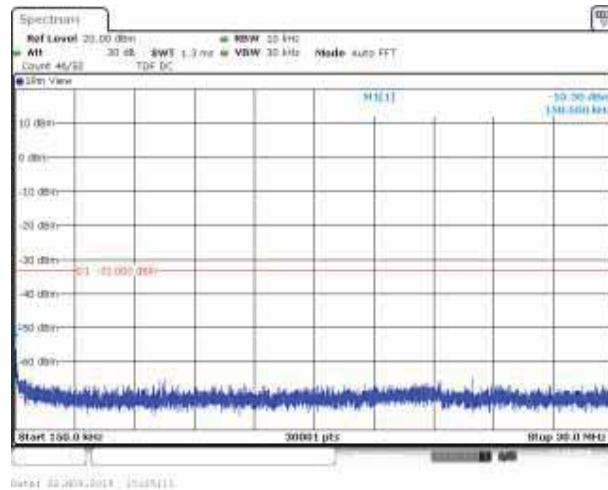
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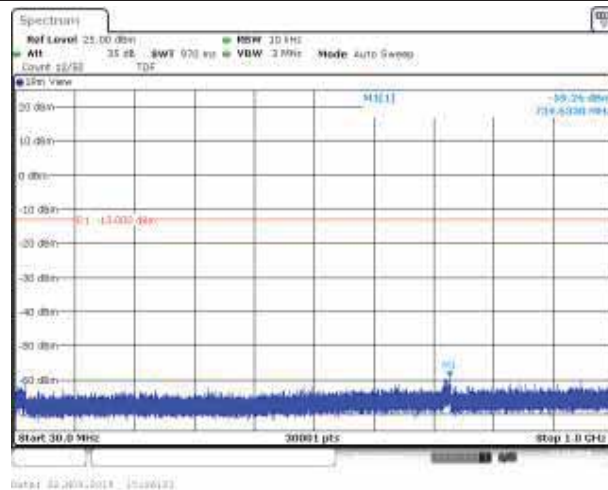
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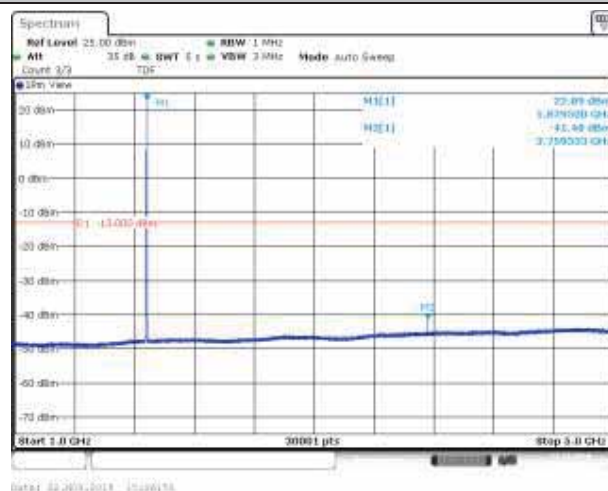
Band2_1.4MHz_QPSK_18900_1RB#0



Band2_1.4MHz_QPSK_18900_1RB#0



Band2_1.4MHz_QPSK_18900_1RB#0



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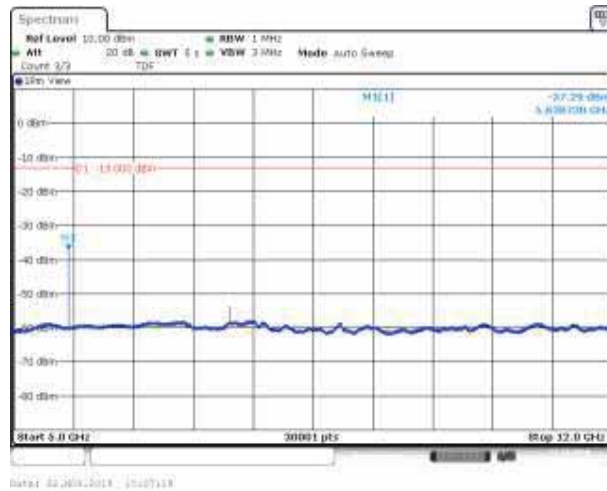
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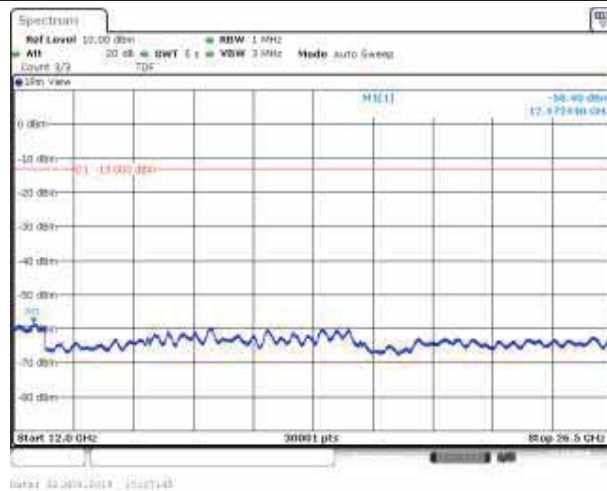
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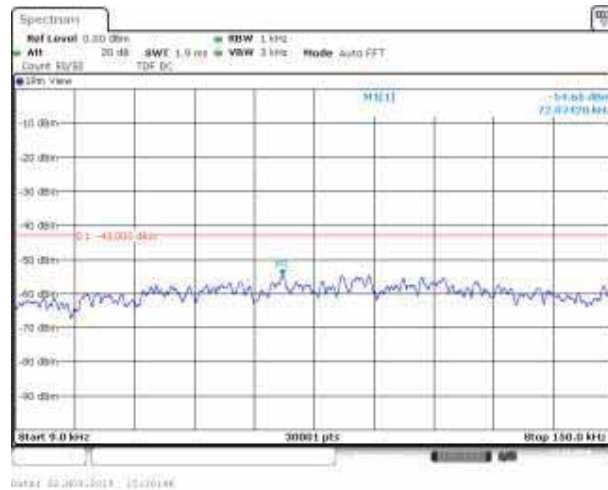
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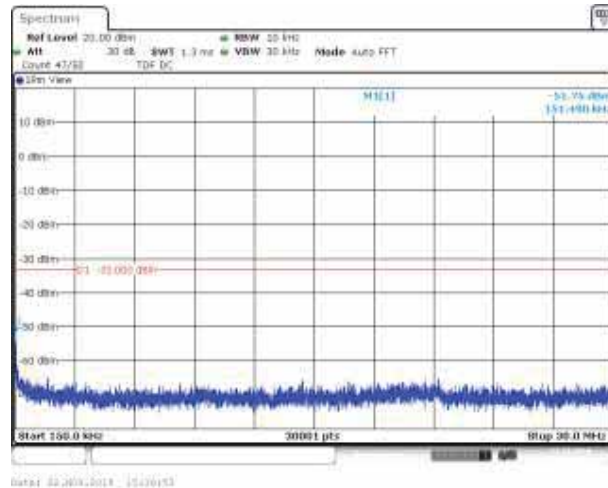
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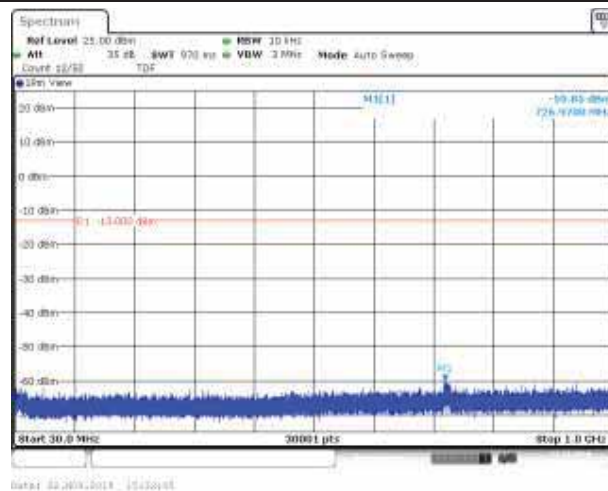
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Band2_1.4MHz_QPSK_19193_1RB#0



Band2_1.4MHz_QPSK_19193_1RB#0



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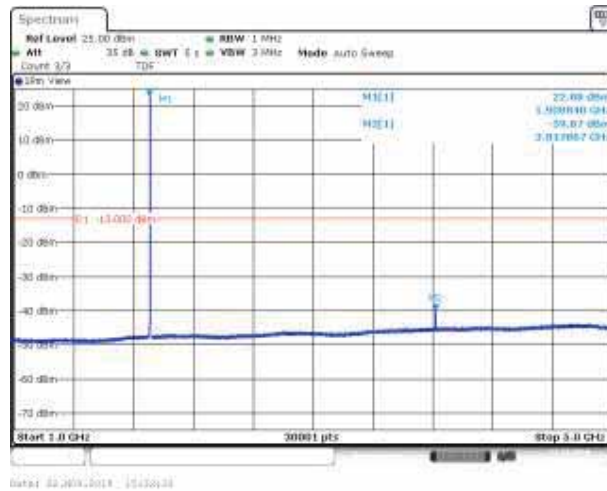
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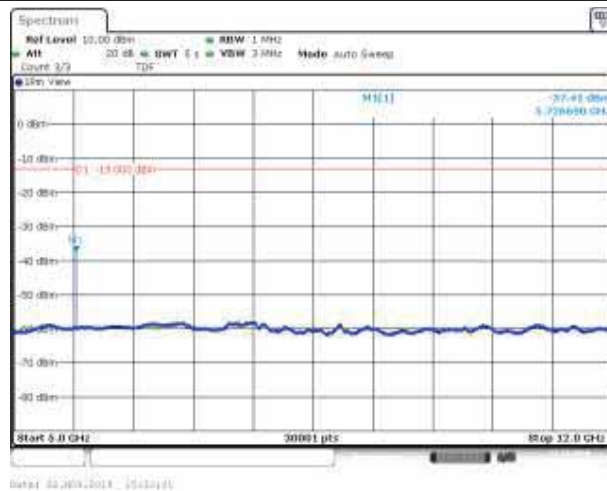
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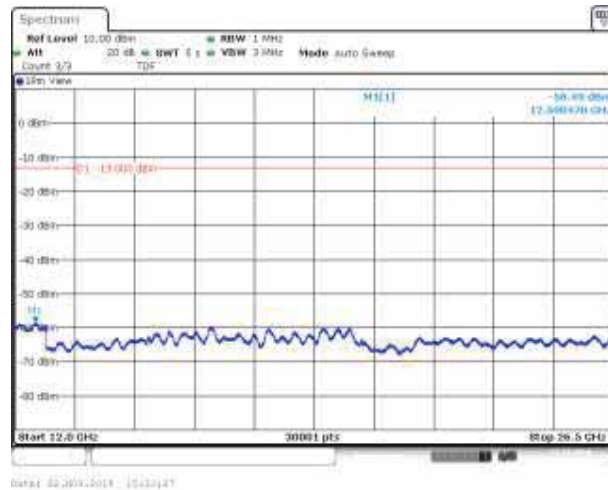
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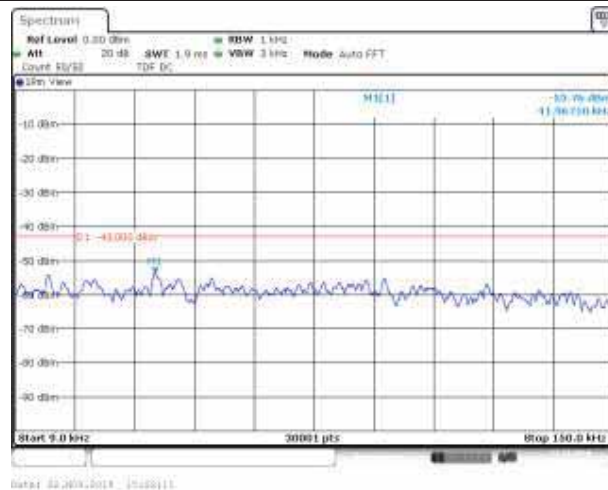
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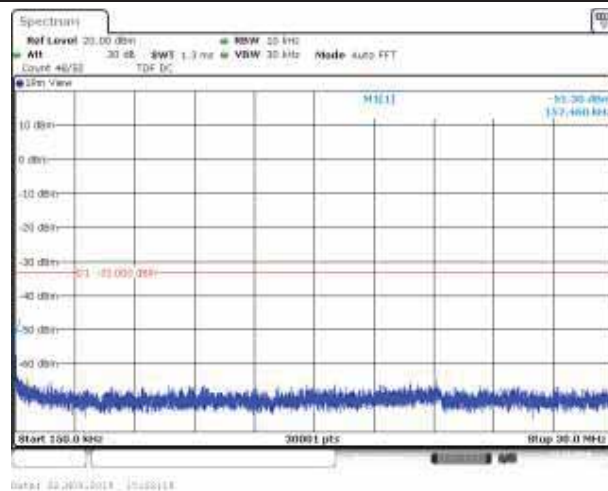
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Band2_1.4MHz_16QAM_18607_1RB#0



Band2_1.4MHz_16QAM_18607_1RB#0



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Tel.: (86)755-27521059

Fax: (86)755-27521011

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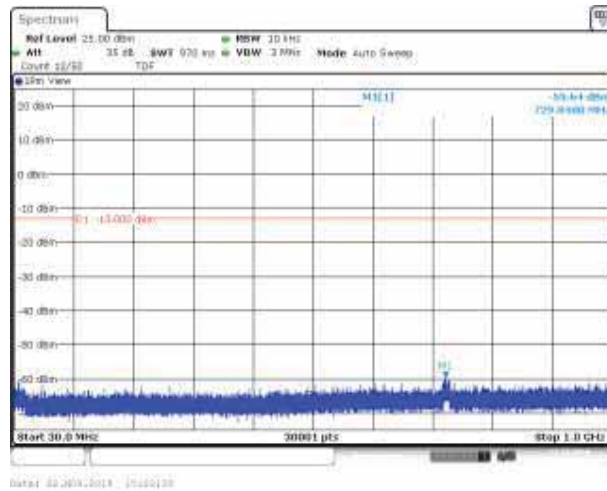


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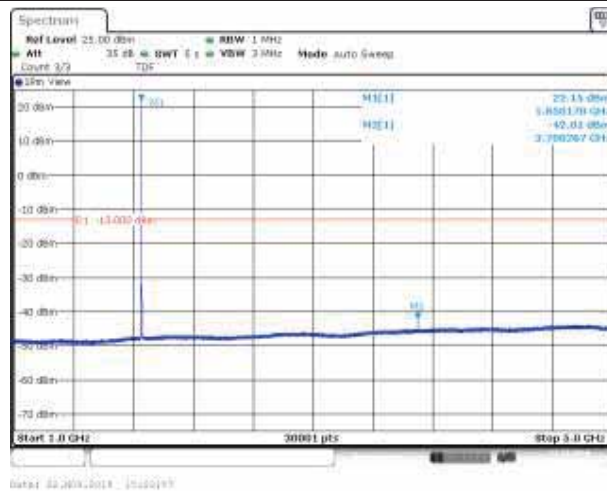
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CTC Laboratories, Inc.

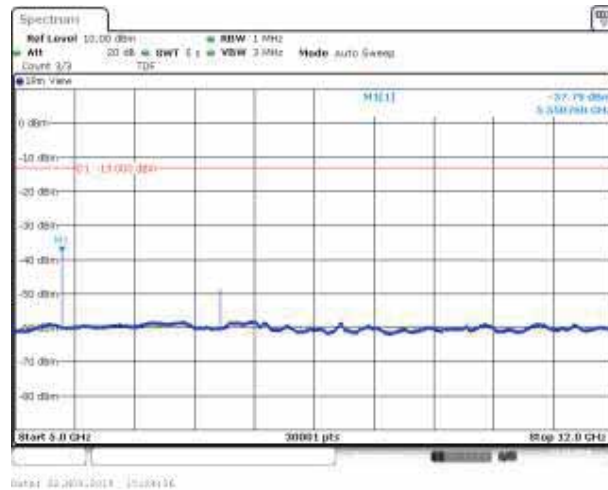
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Tel.: (86)755-27521059

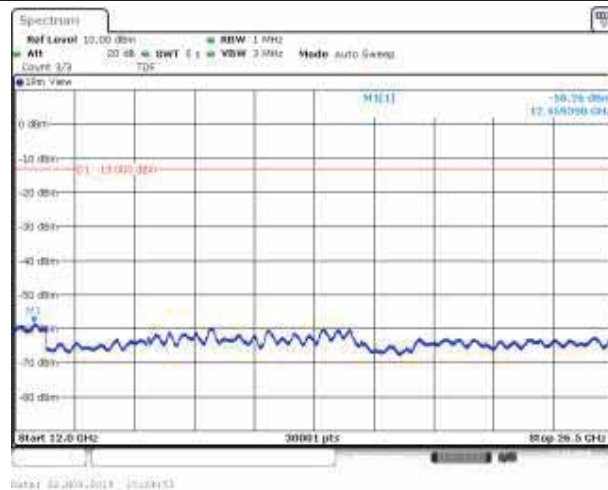
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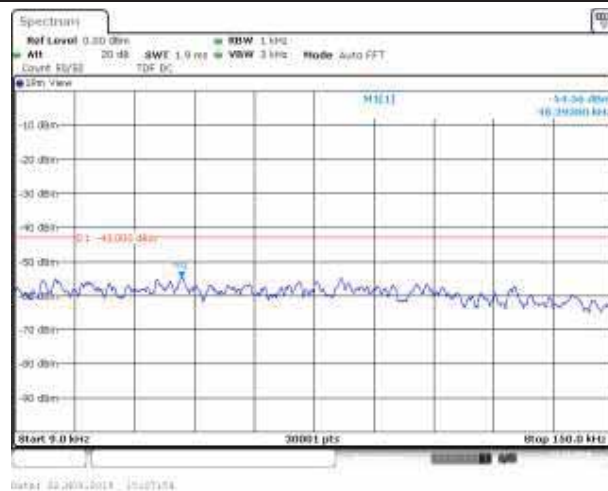

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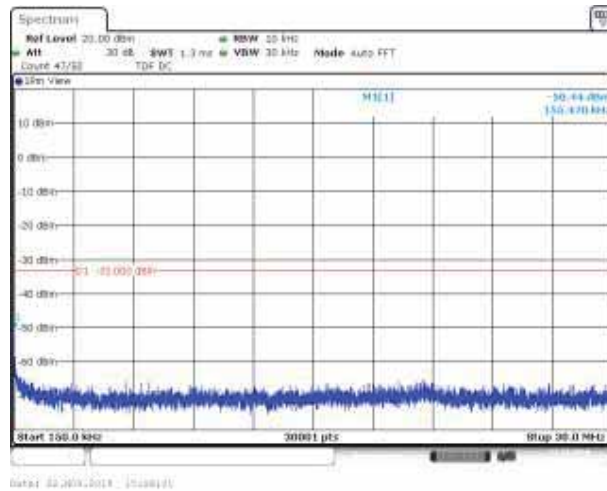
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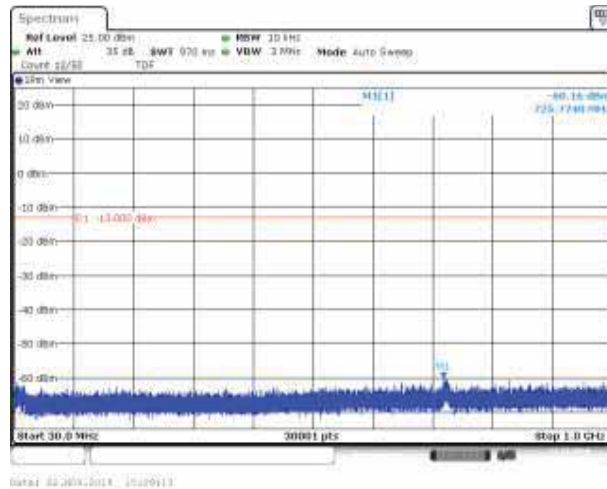
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Band2_1.4MHz_16QAM_18900_1RB#0

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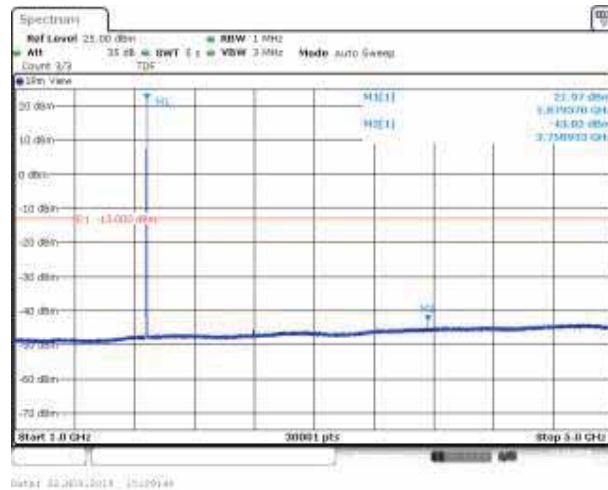
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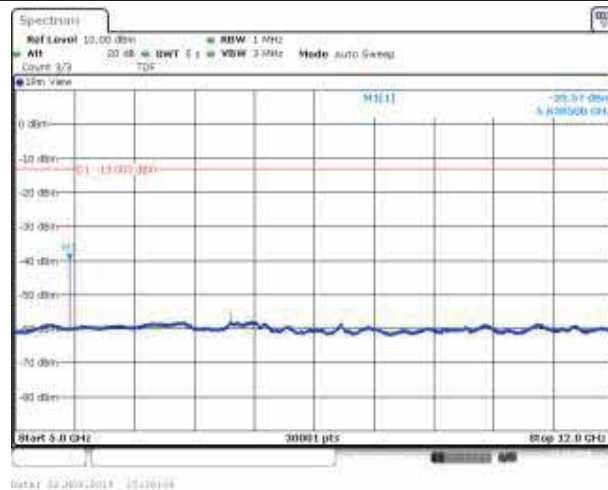
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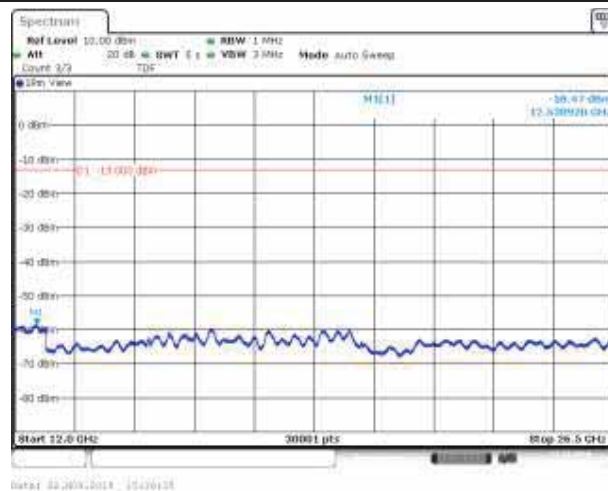
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Band2_1.4MHz_16QAM_18900_1RB#0



Band2_1.4MHz_16QAM_18900_1RB#0



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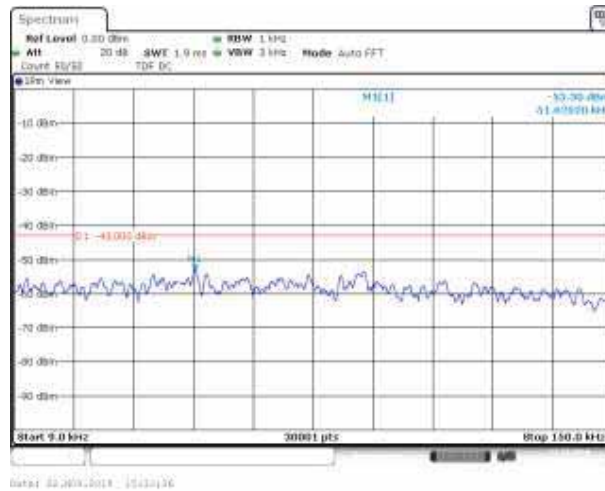
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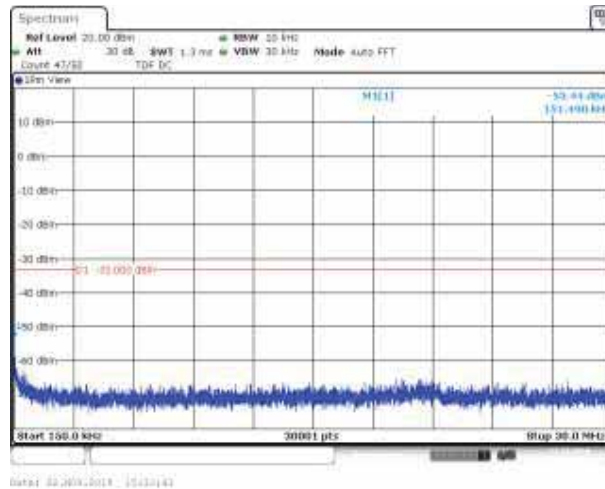
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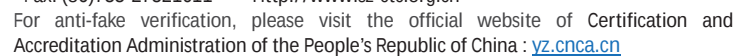
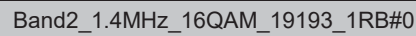
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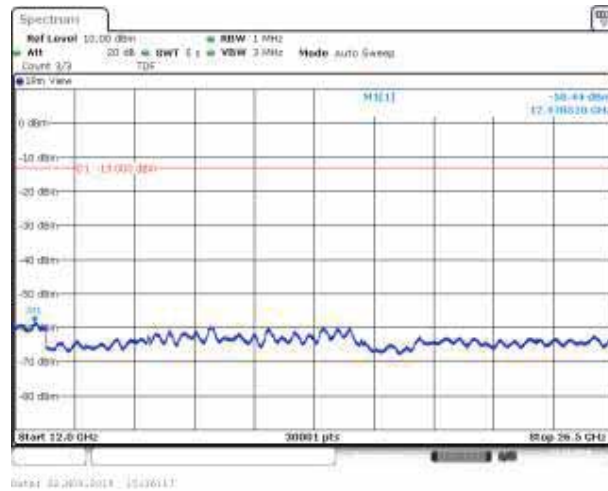
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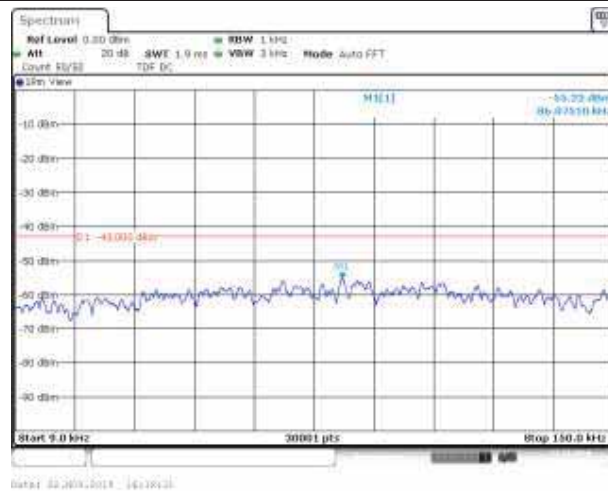
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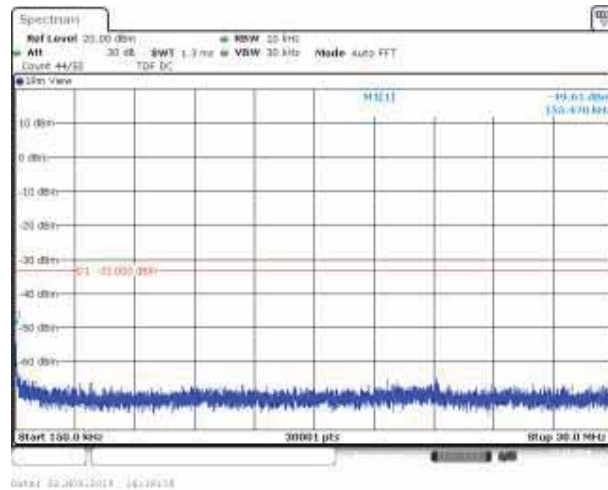
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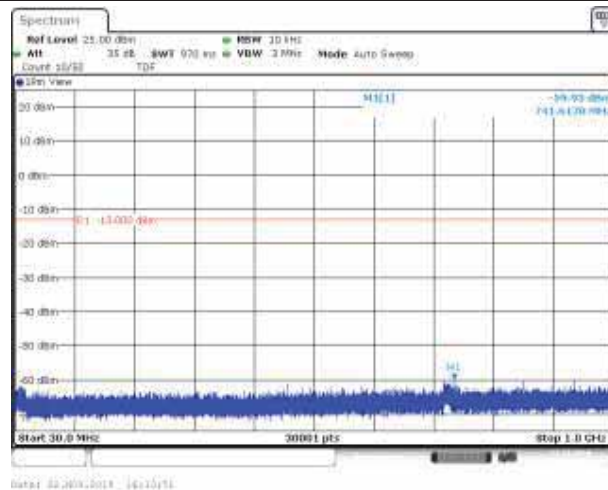
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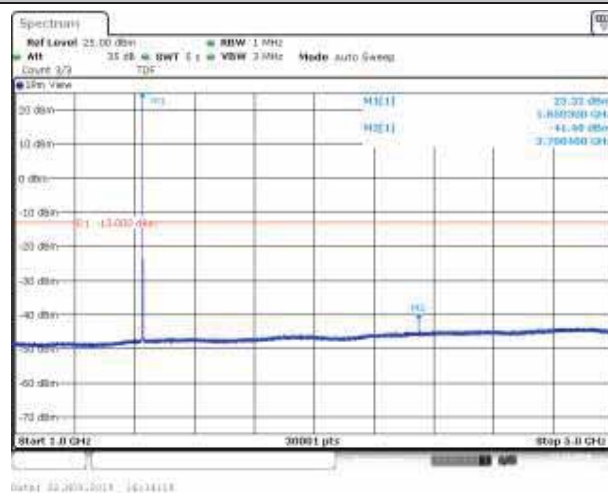
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Band2_3MHz_QPSK_18615_1RB#0



Band2_3MHz_QPSK_18615_1RB#0



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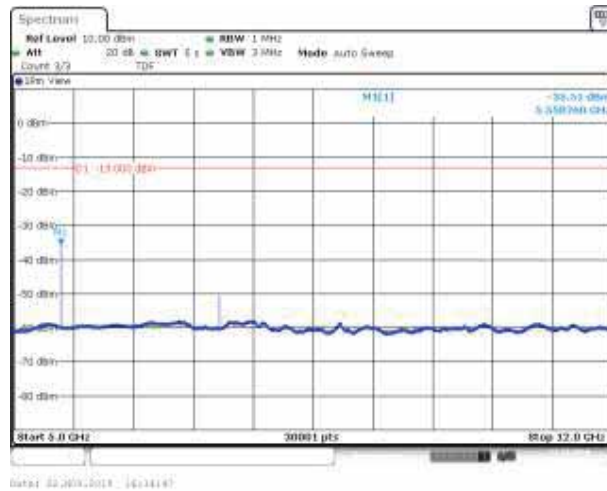
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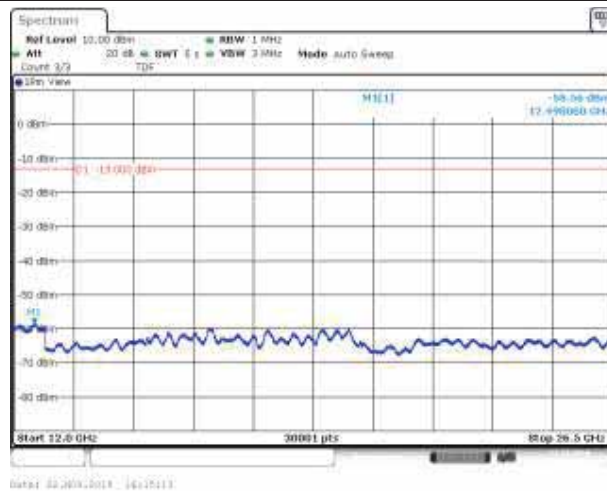
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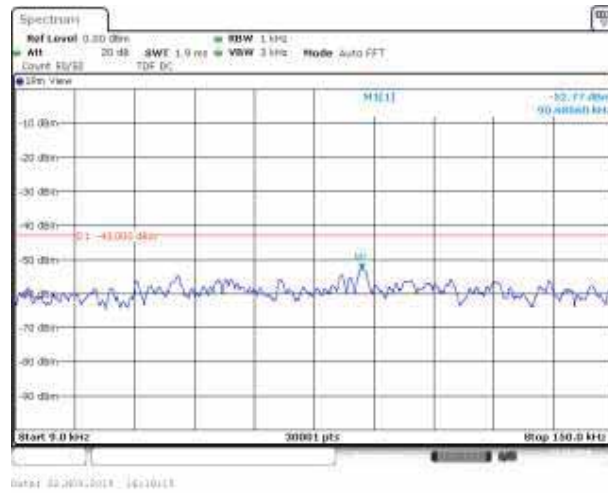
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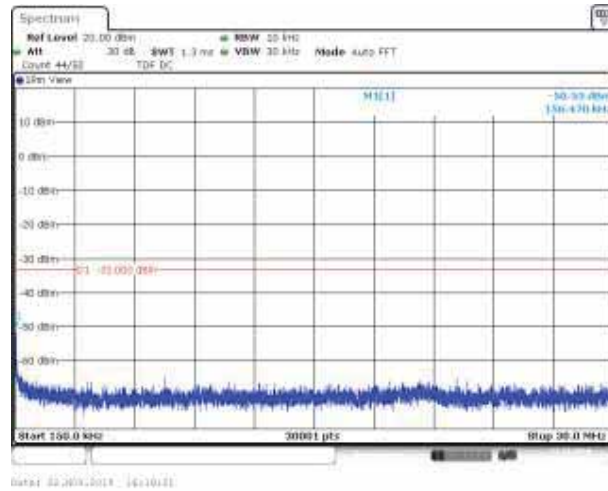
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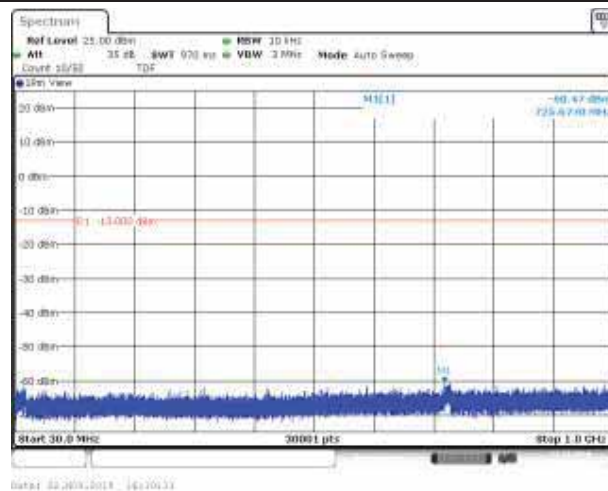
Band2_3MHz_QPSK_18900_1RB#0



Band2_3MHz_QPSK_18900_1RB#0



Band2_3MHz_QPSK_18900_1RB#0



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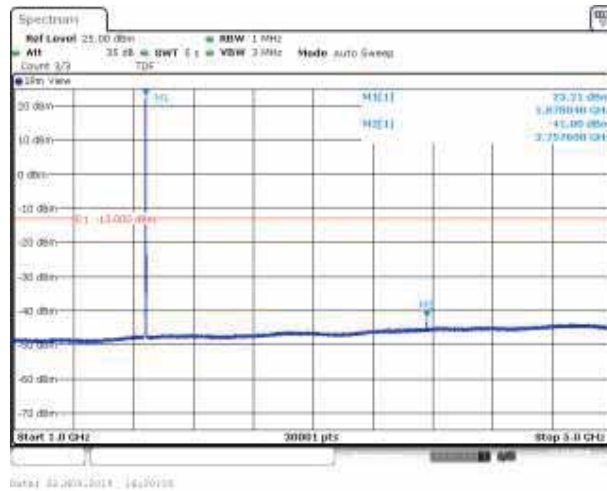
Fax: (86)755-27521011

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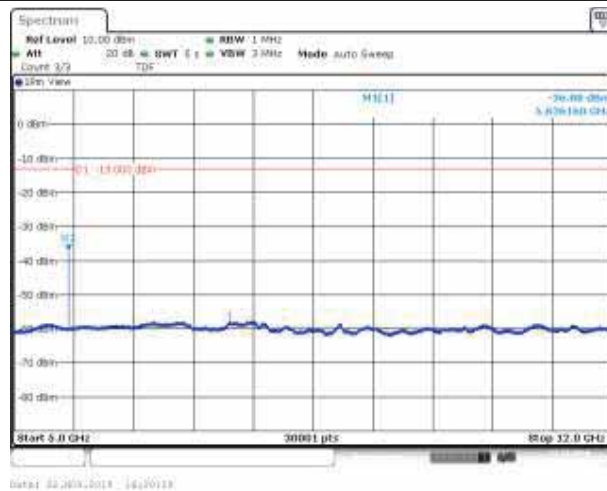
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Band2_3MHz_QPSK_18900_1RB#0



Band2_3MHz_QPSK_18900_1RB#0



Band2_3MHz_QPSK_18900_1RB#0

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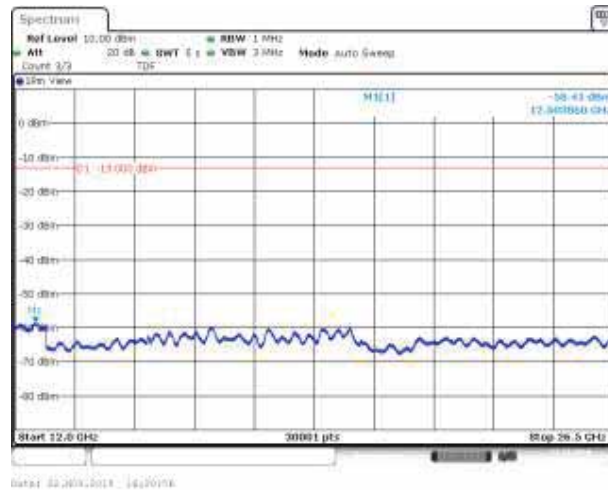
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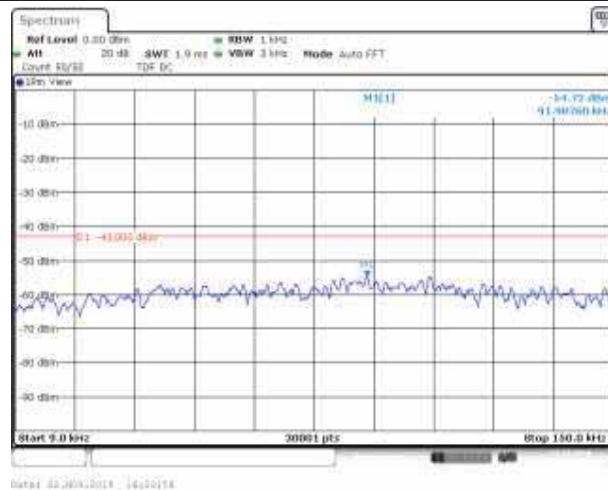
Fax: (86)755-27521011

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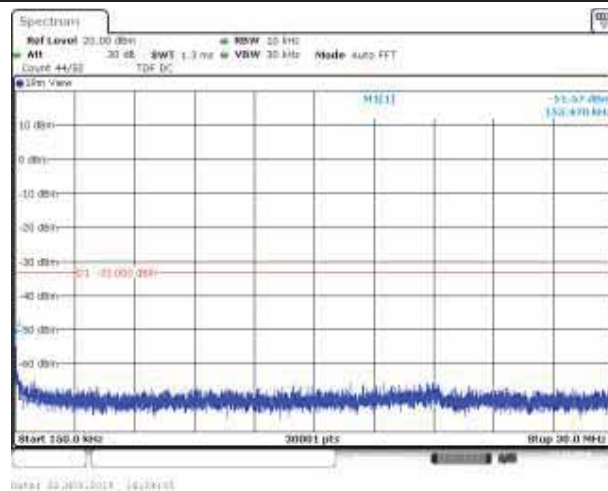

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Band2_3MHz_QPSK_19185_1RB#0



Band2_3MHz_QPSK_19185_1RB#0



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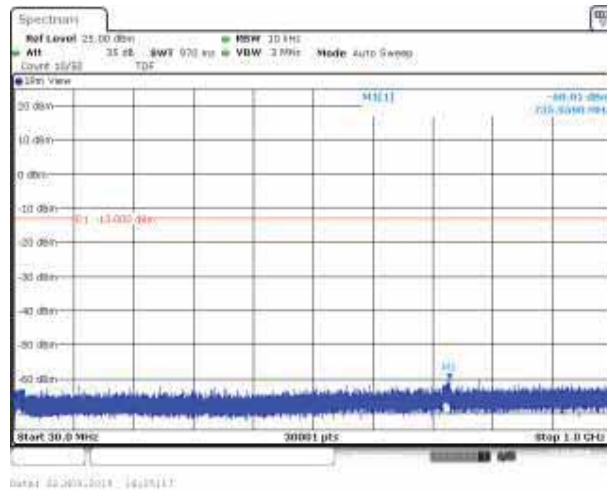
Tel.: (86)755-27521059

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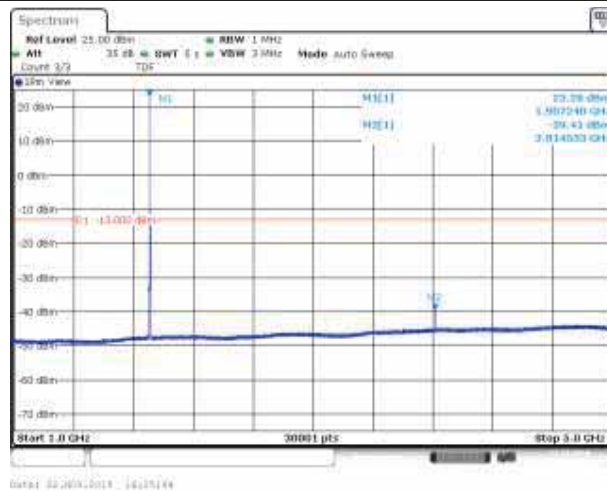
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Band2_3MHz_QPSK_19185_1RB#0



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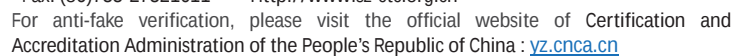
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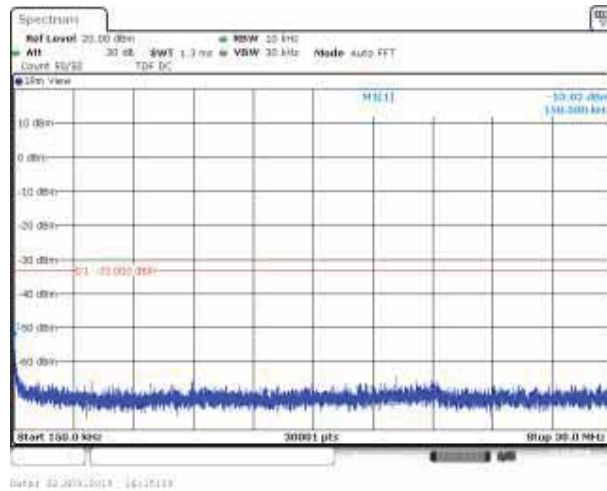
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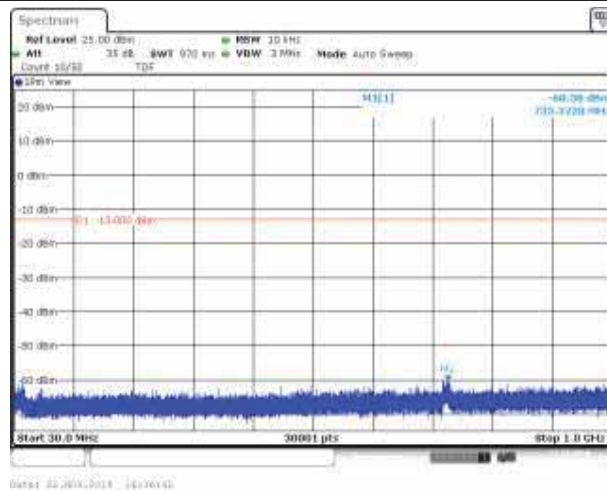

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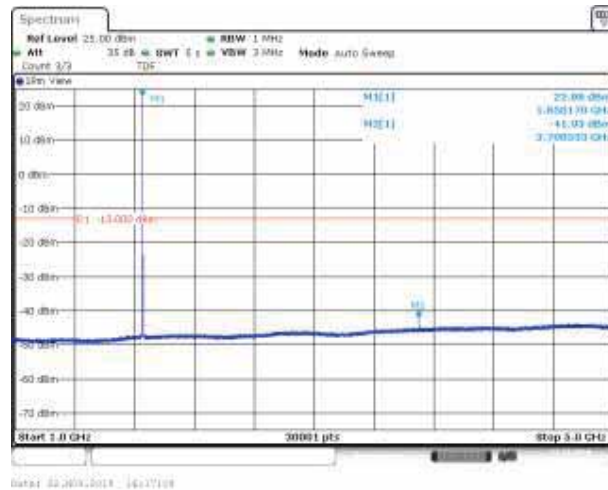
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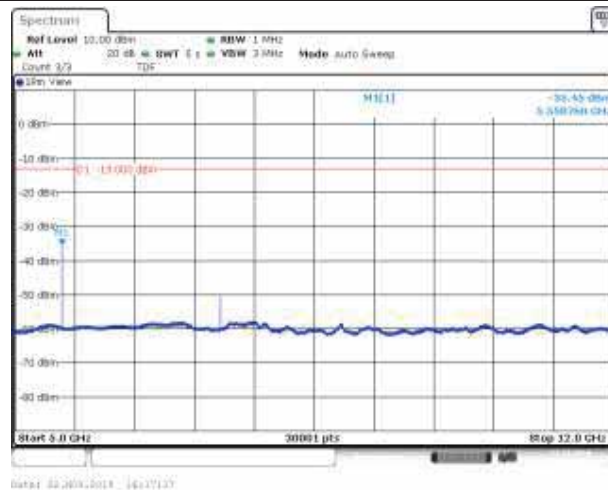
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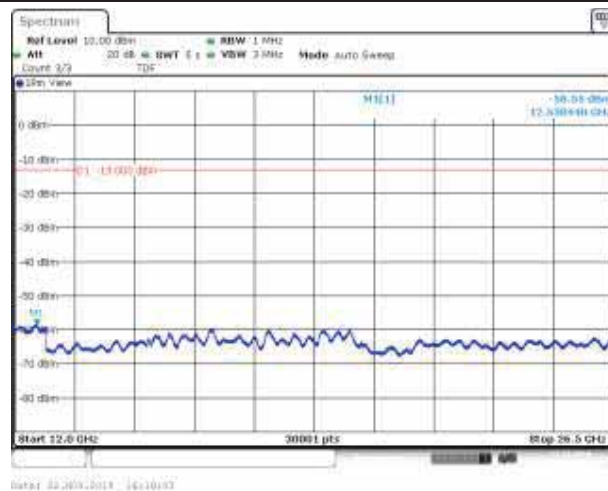
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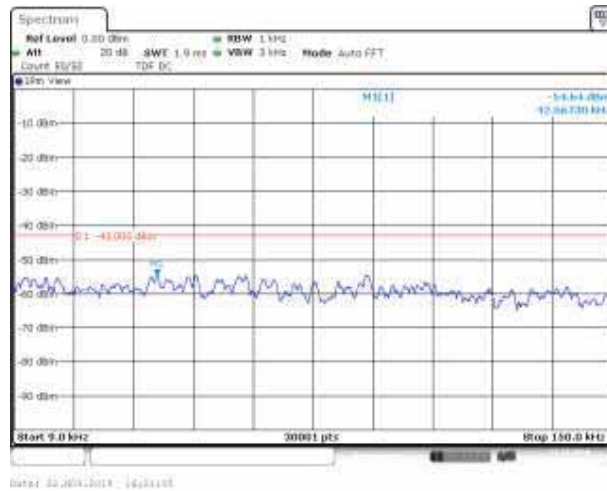
Tel.: (86)755-27521059

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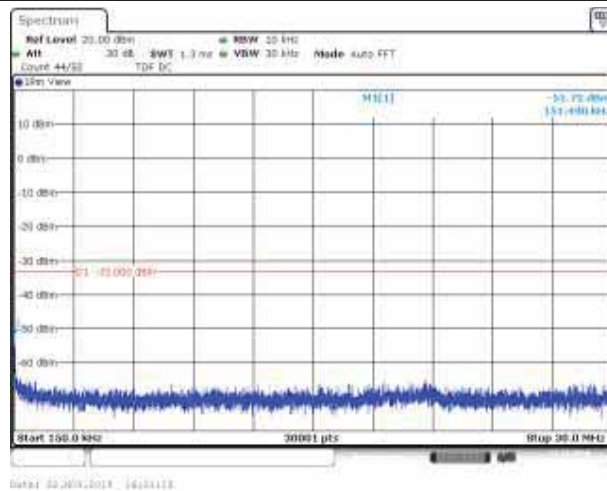
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Band2_3MHz_16QAM_18900_1RB#0



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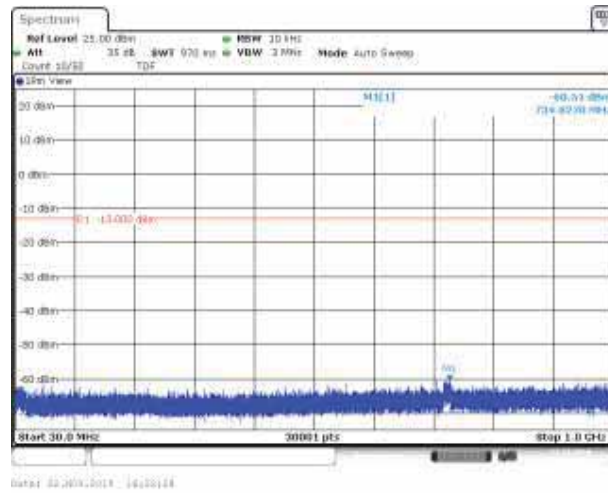
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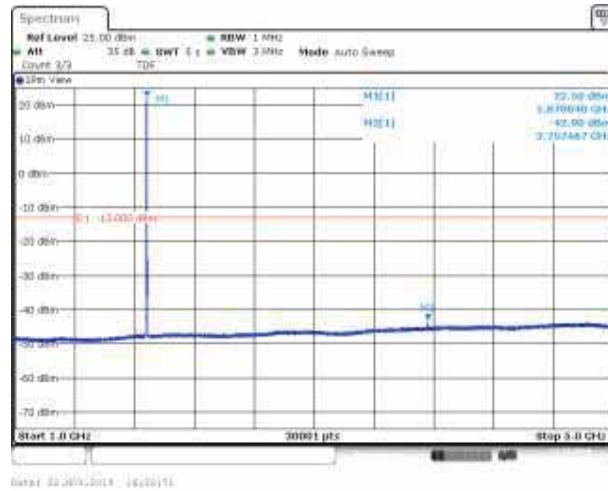
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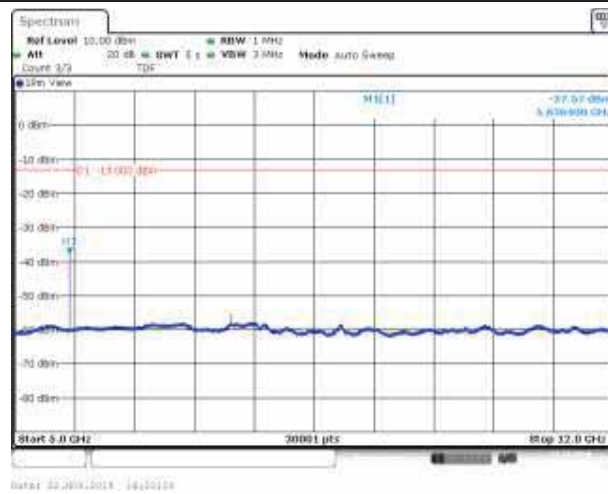

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Band2_3MHz_16QAM_18900_1RB#0



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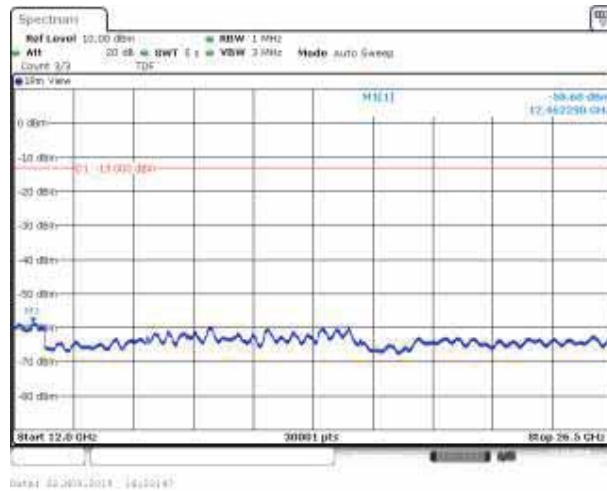
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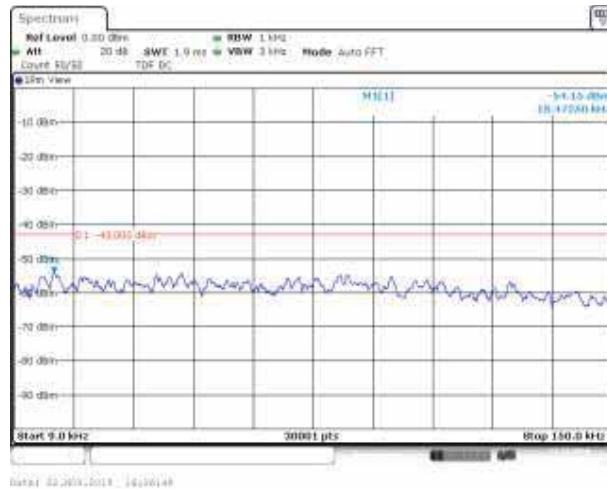
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Band2_3MHz_16QAM_18900_1RB#0



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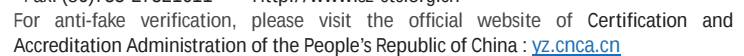
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Tel.: (86)755-27521059

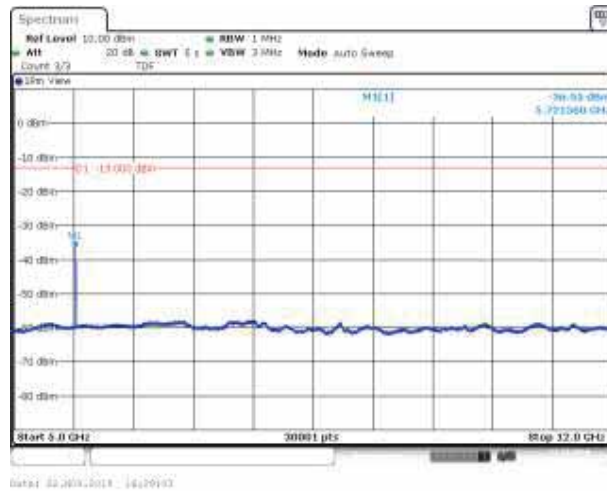
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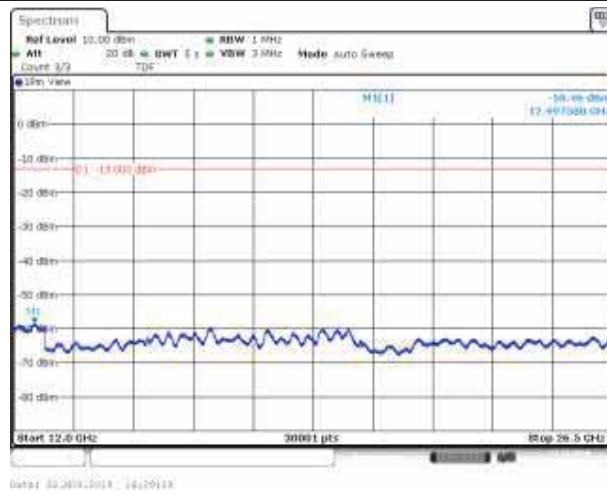

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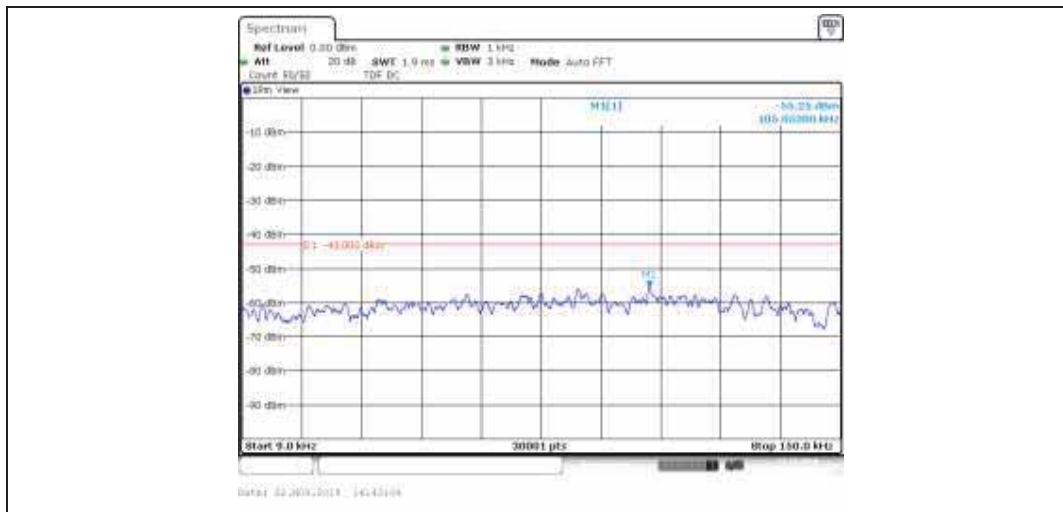
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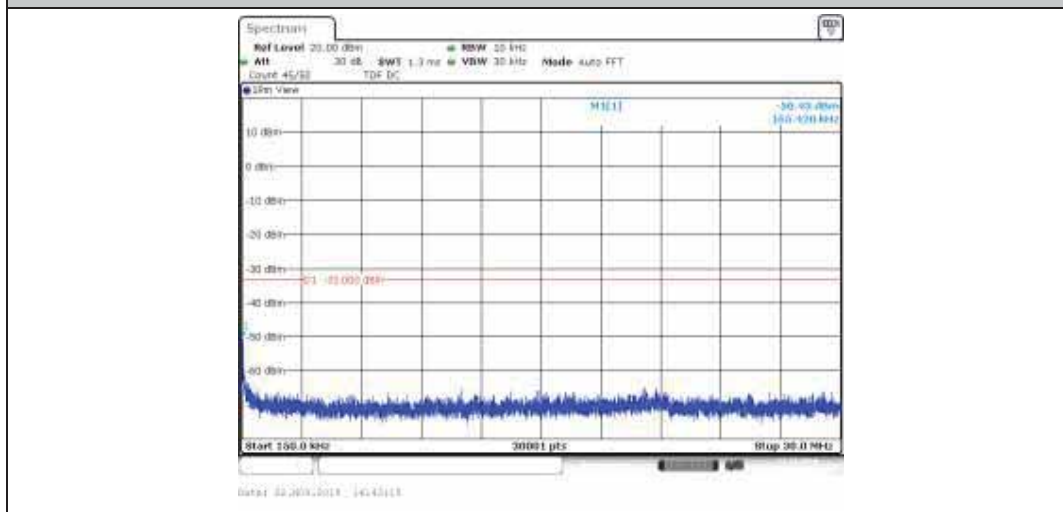
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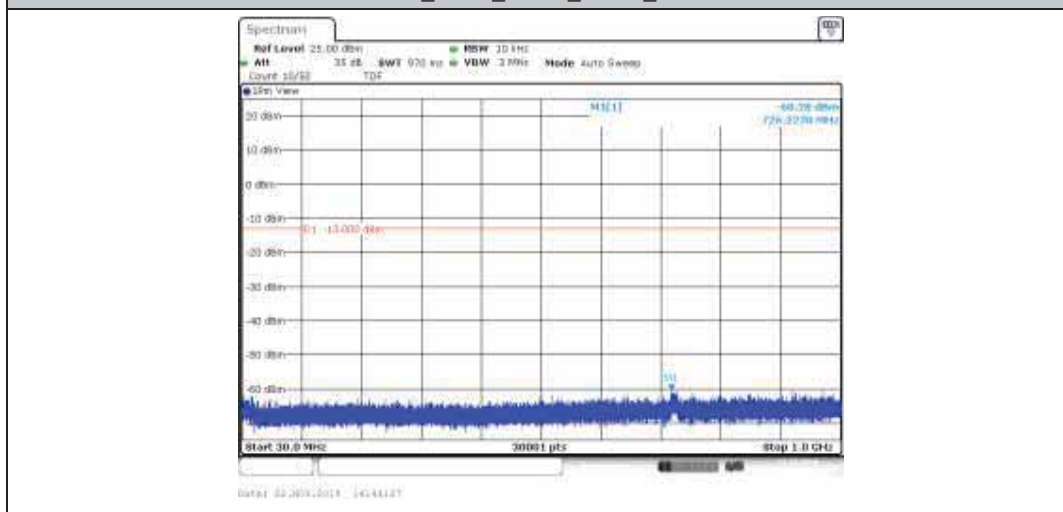
Band2_5MHz_QPSK_18625_1RB#0



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Band2_5MHz_QPSK_18625_1RB#0



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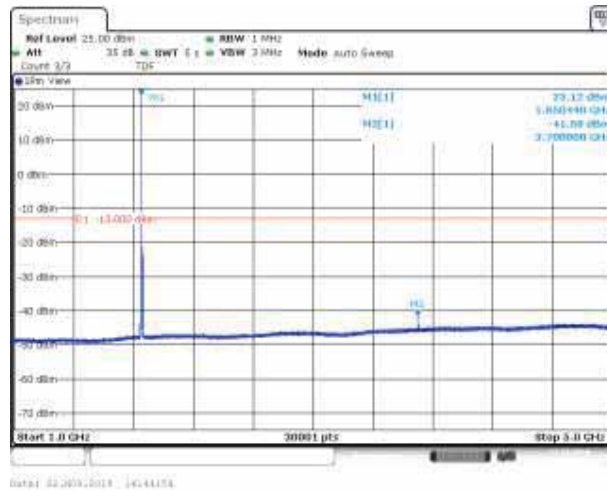
Tel.: (86)755-27521059

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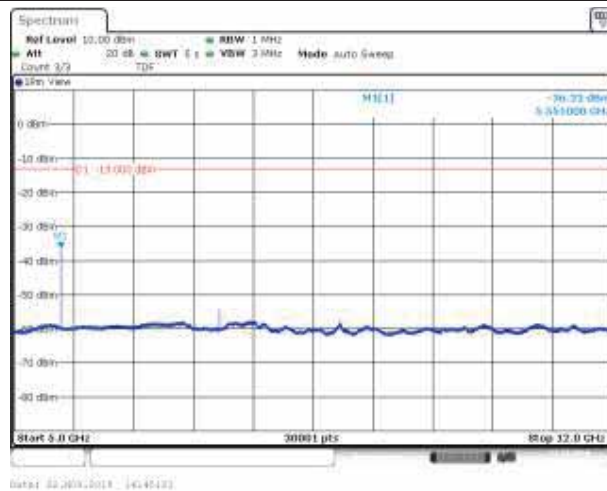
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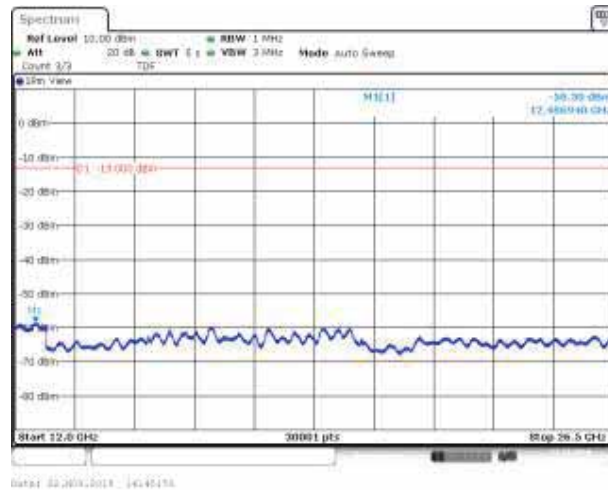
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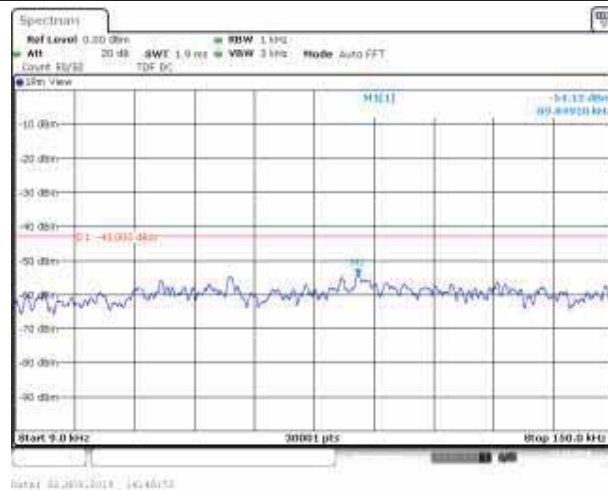
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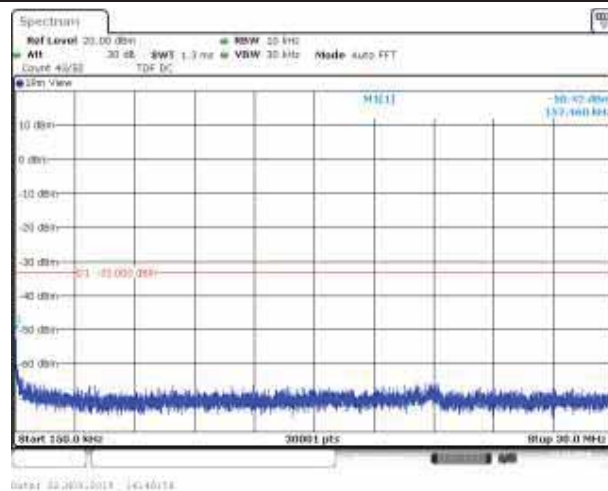
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Band2_5MHz_QPSK_18900_1RB#0



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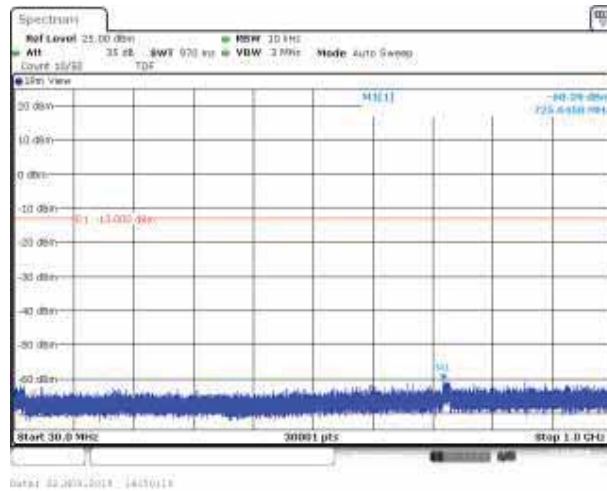
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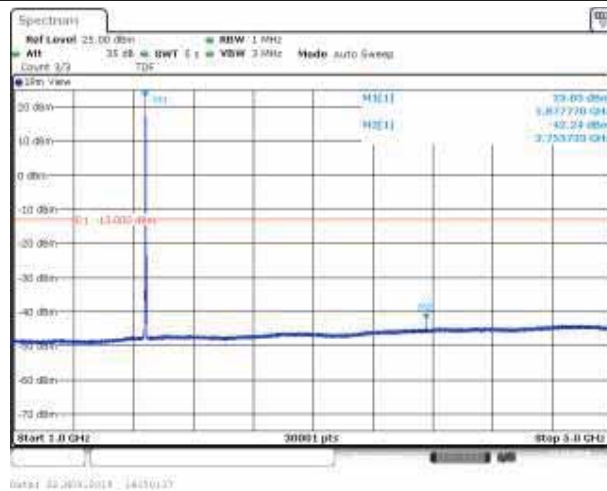
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Band2_5MHz_QPSK_18900_1RB#0



Band2_5MHz_QPSK_18900_1RB#0



Band2_5MHz_QPSK_18900_1RB#0

CTC Laboratories, Inc.

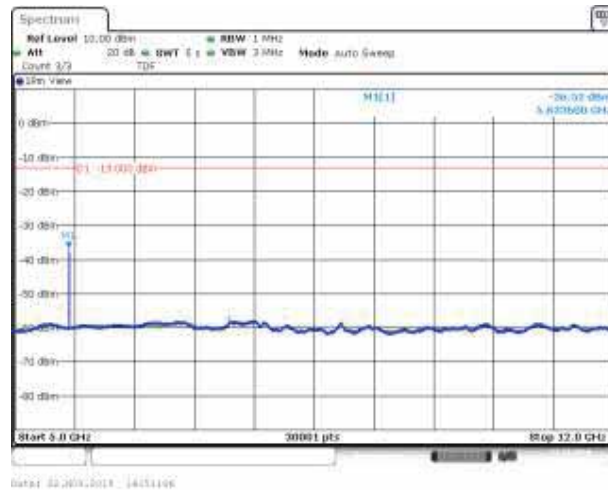
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Tel.: (86)755-27521059

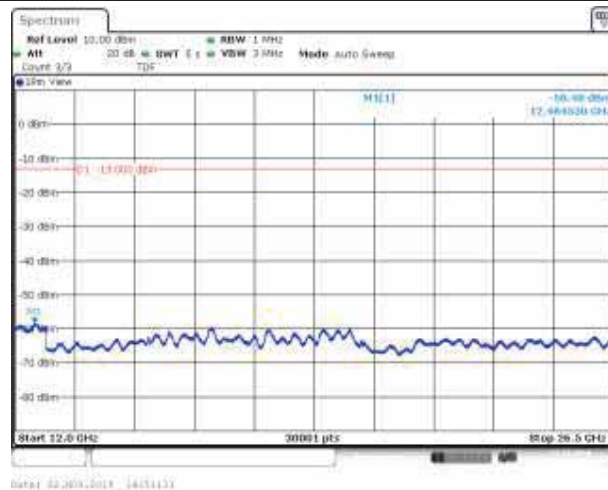
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Http://www.sz-ctc.org.cn

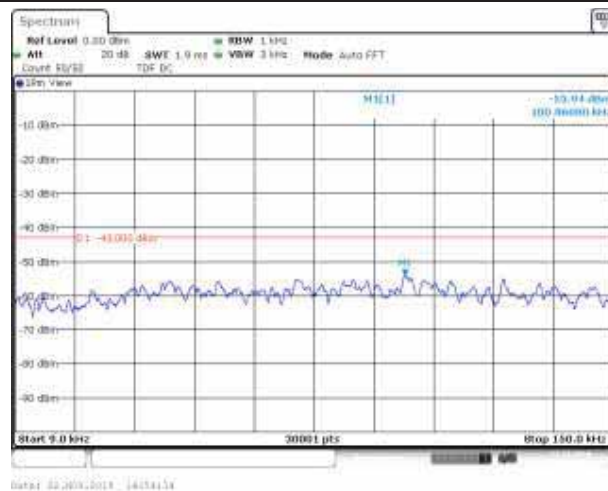

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Band2_5MHz_QPSK_18900_1RB#0



Band2_5MHz_QPSK_19175_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

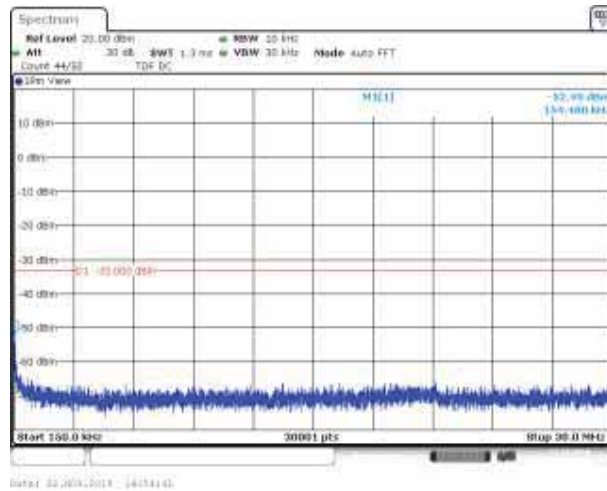
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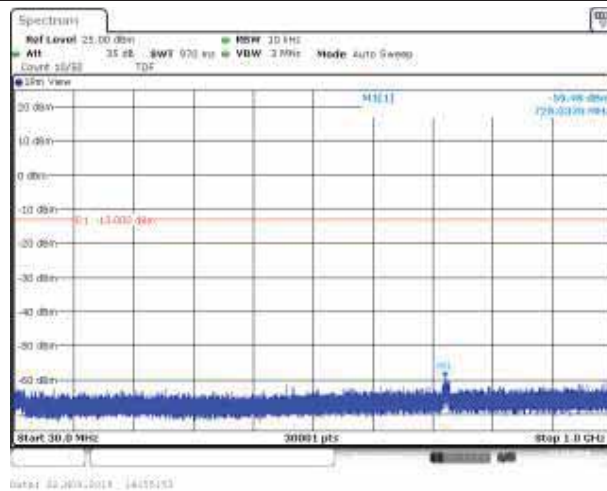
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Band2_5MHz_QPSK_19175_1RB#0



Band2_5MHz_QPSK_19175_1RB#0



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CTC Laboratories, Inc.

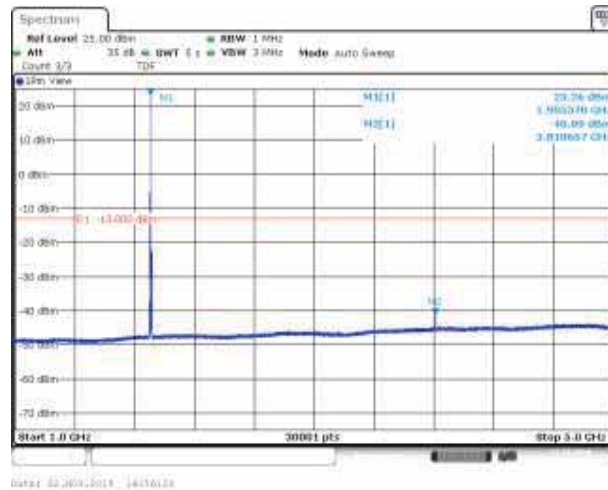
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Tel.: (86)755-27521059

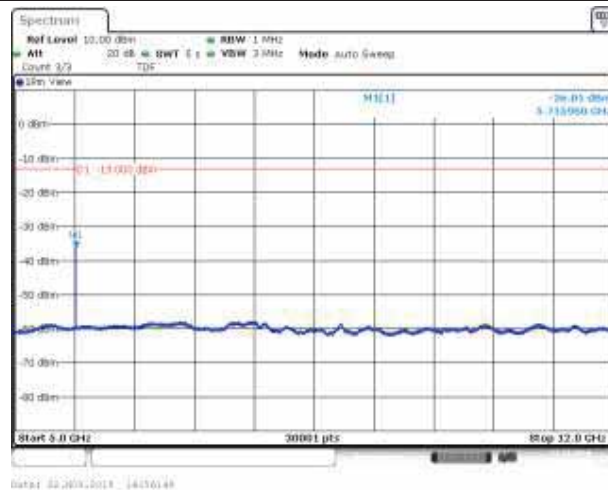
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Http://www.sz-ctc.org.cn

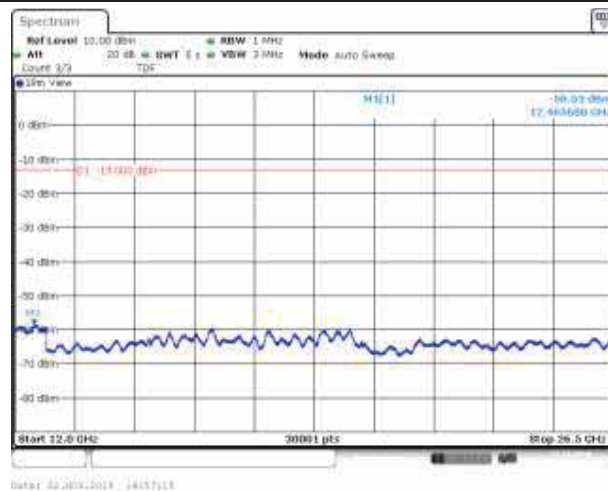

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Band2_5MHz_QPSK_19175_1RB#0



Band2_5MHz_QPSK_19175_1RB#0



CTC Laboratories, Inc.

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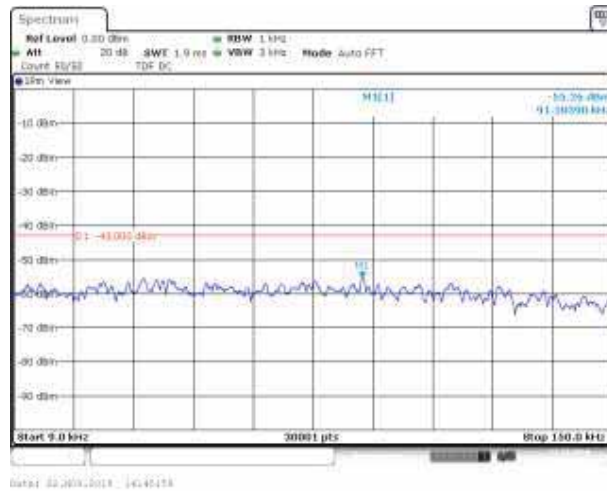
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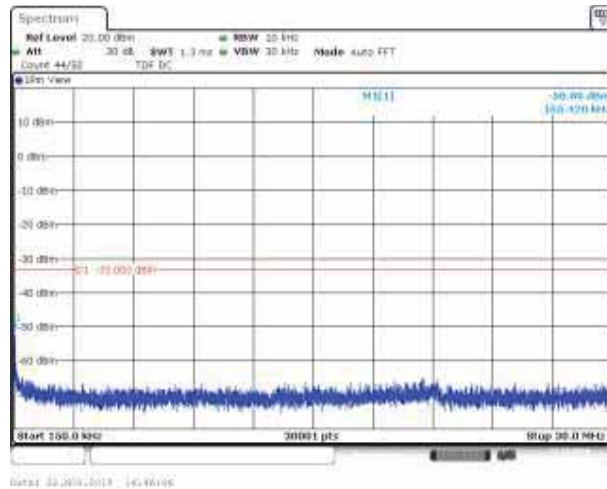
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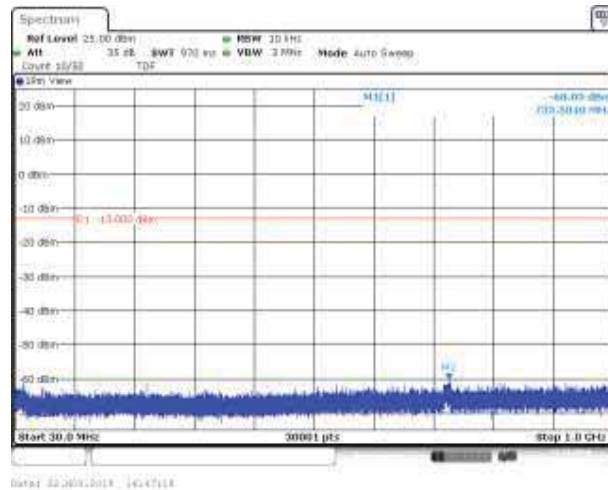
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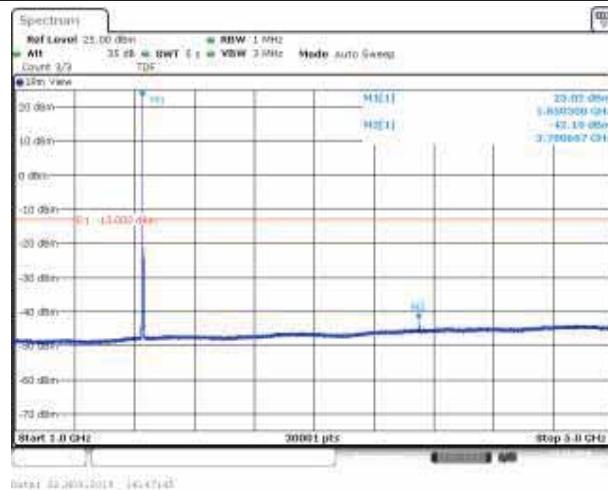
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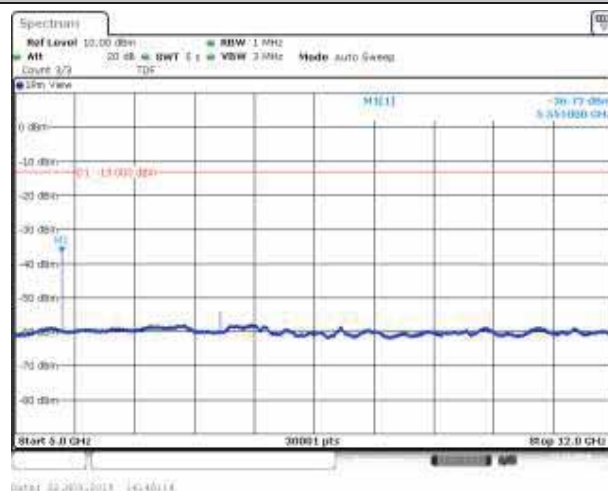
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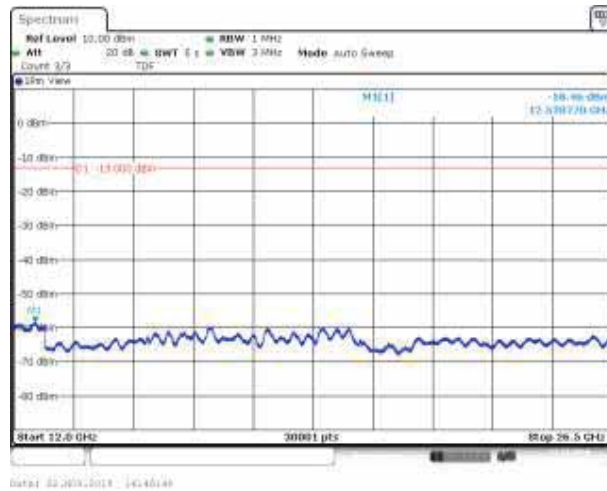
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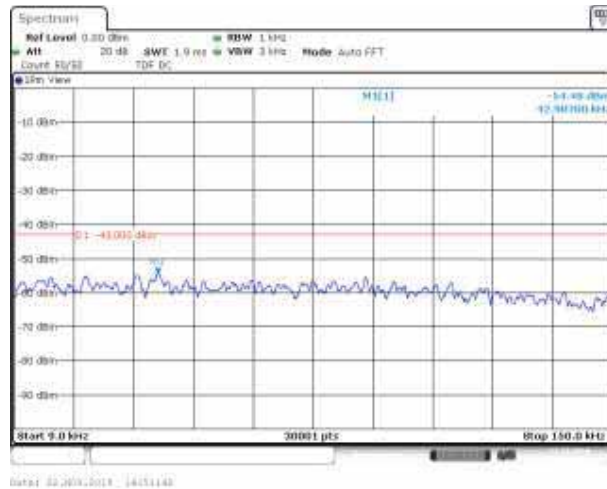
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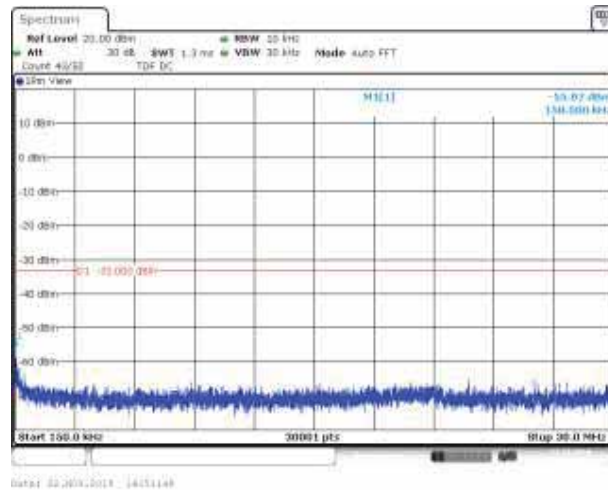
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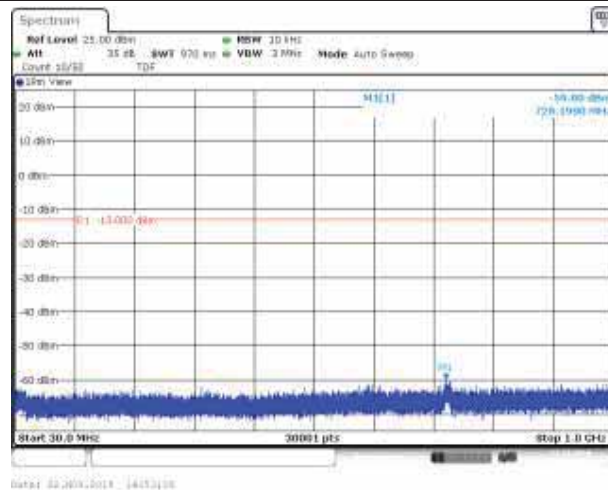
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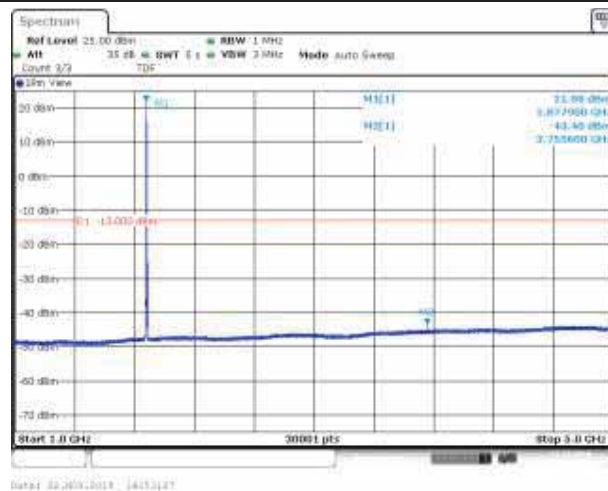
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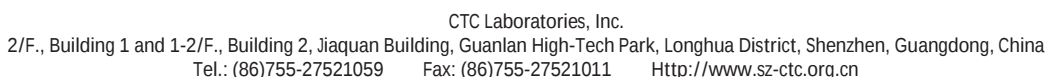
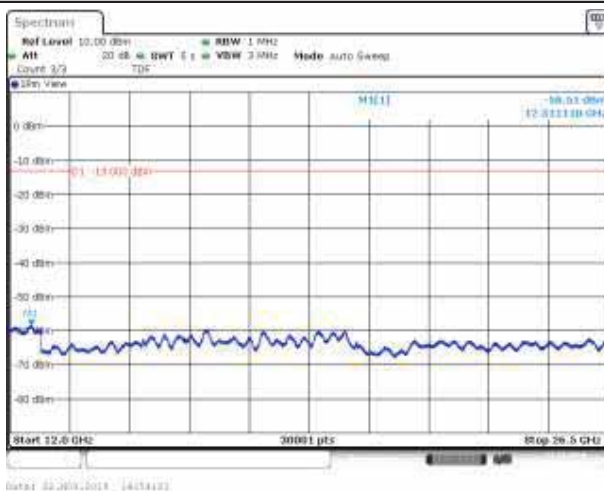
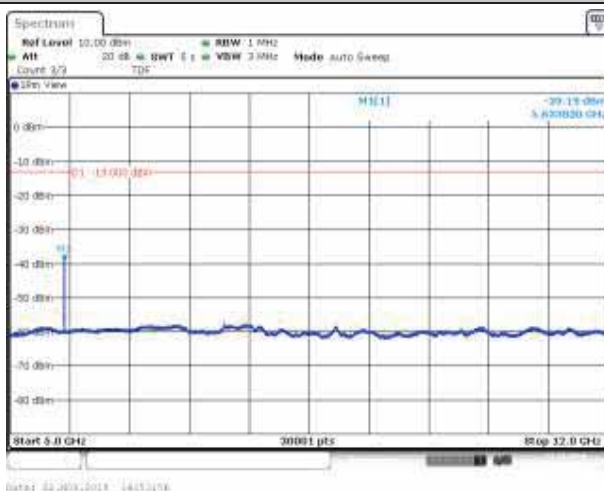
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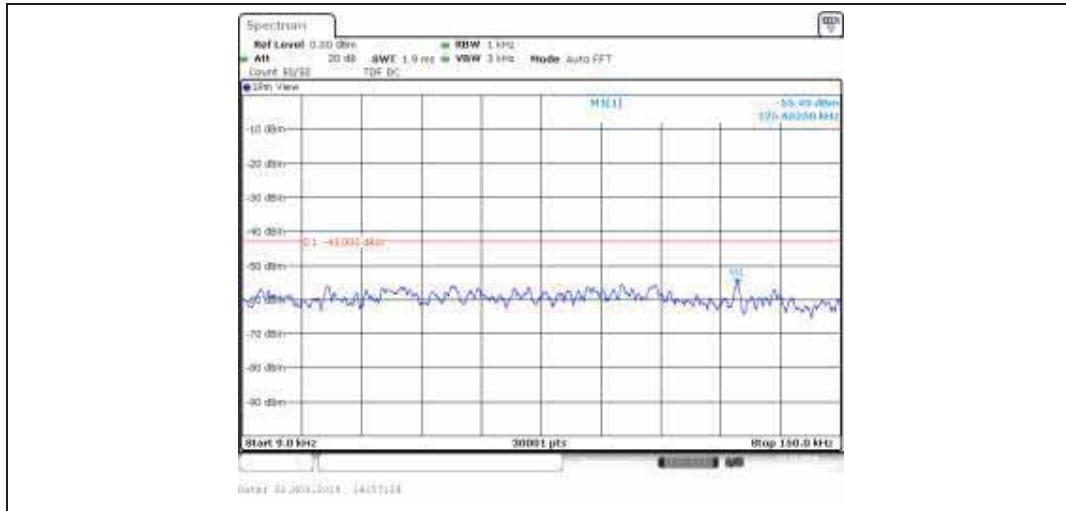
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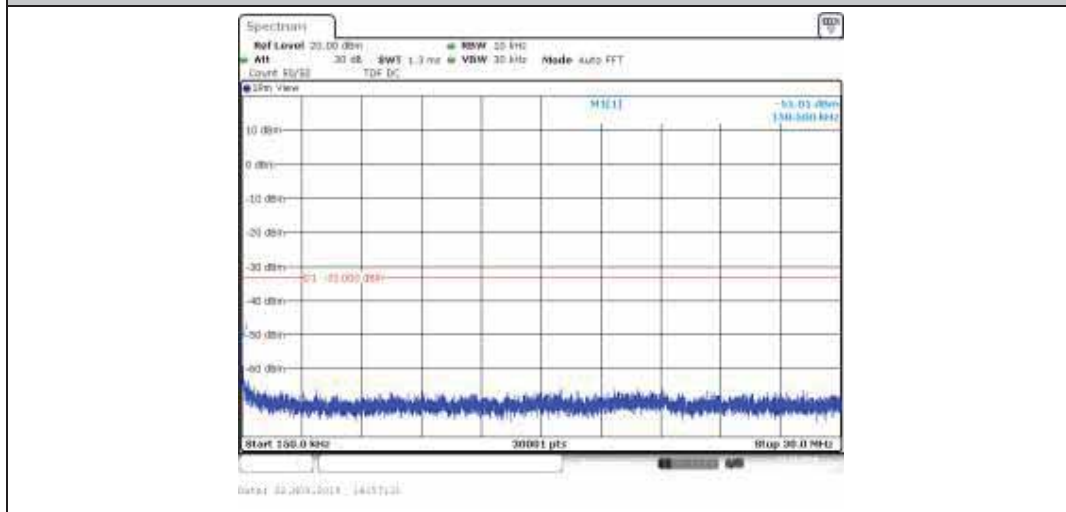
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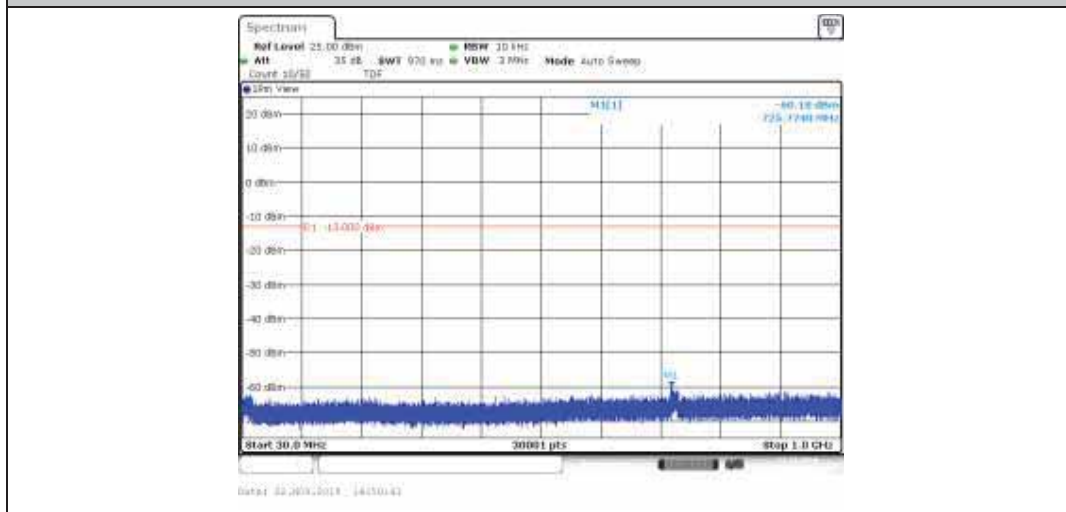




Band2_5MHz_16QAM_19175_1RB#0



Band2_5MHz_16QAM_19175_1RB#0



CTC Laboratories, Inc.

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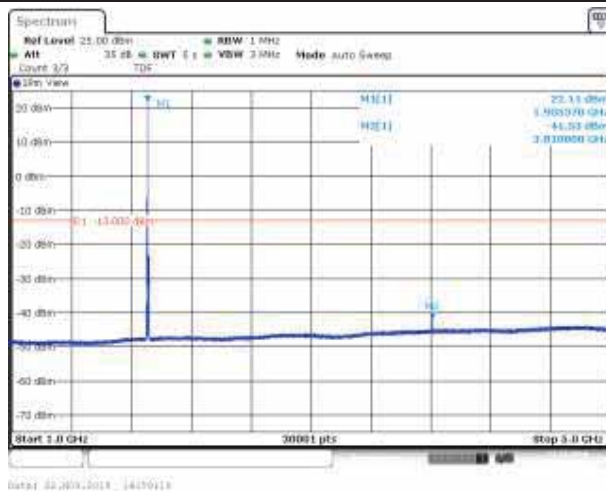
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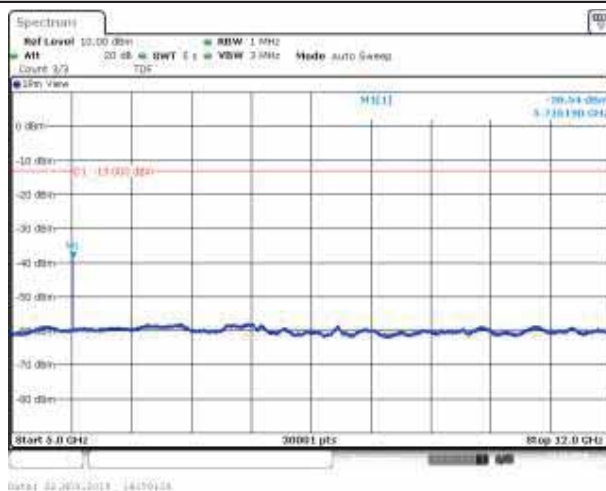
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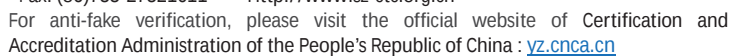
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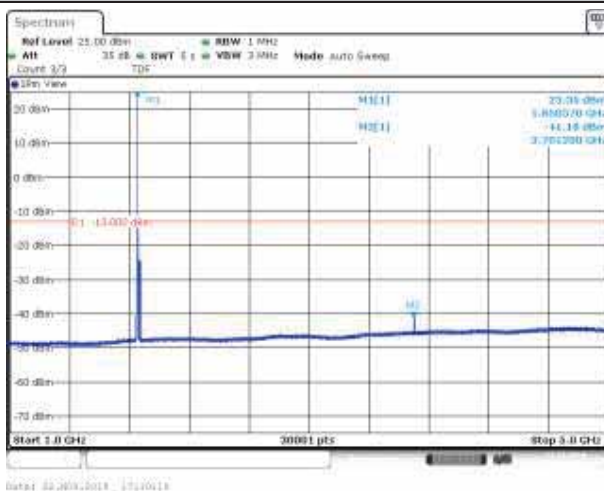
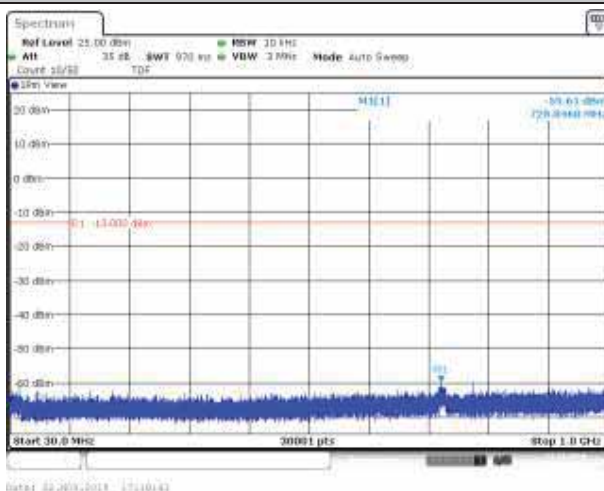


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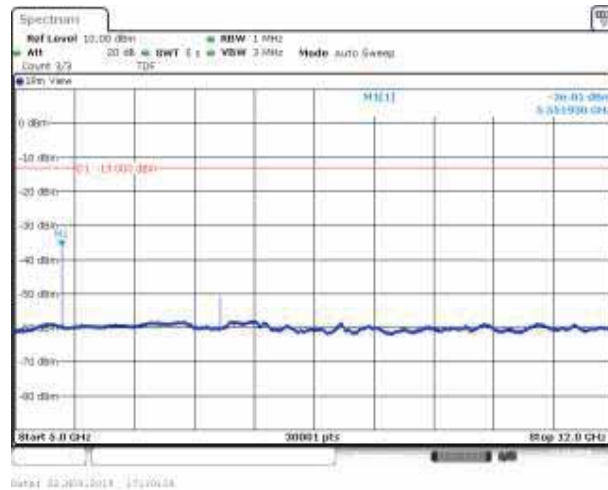


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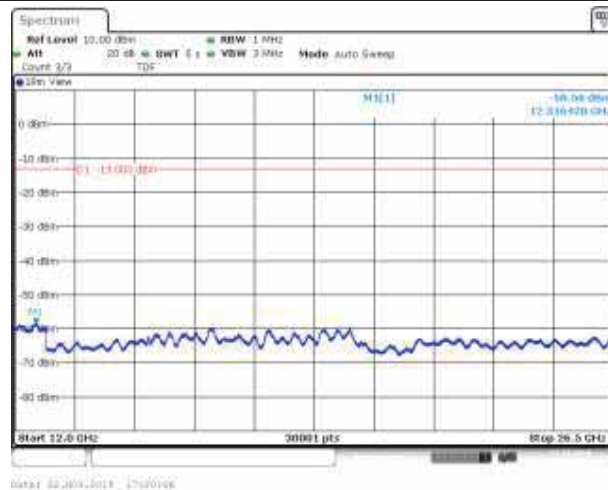




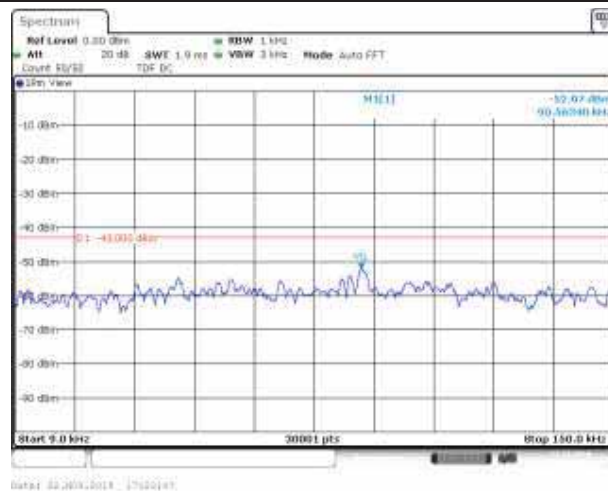
Band2_10MHz_QPSK_18650_1RB#0



Band2_10MHz_QPSK_18650_1RB#0



Band2_10MHz_QPSK_18900_1RB#0



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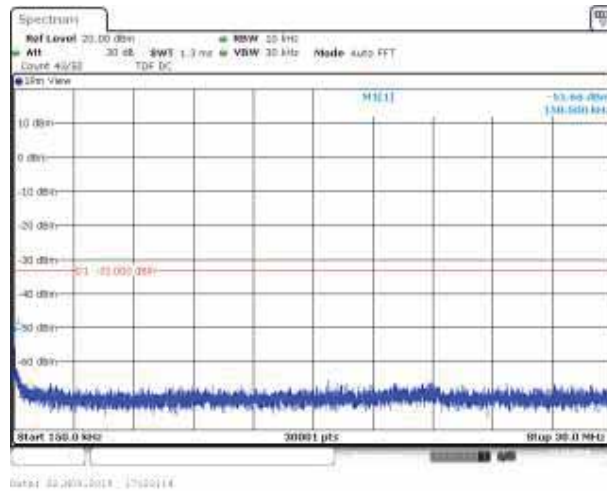
Tel.: (86)755-27521059

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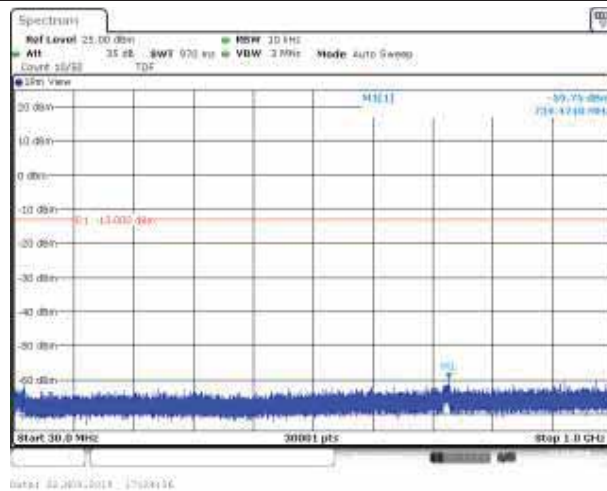
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Band2_10MHz_QPSK_18900_1RB#0



Band2_10MHz_QPSK_18900_1RB#0



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Tel.: (86)755-27521059

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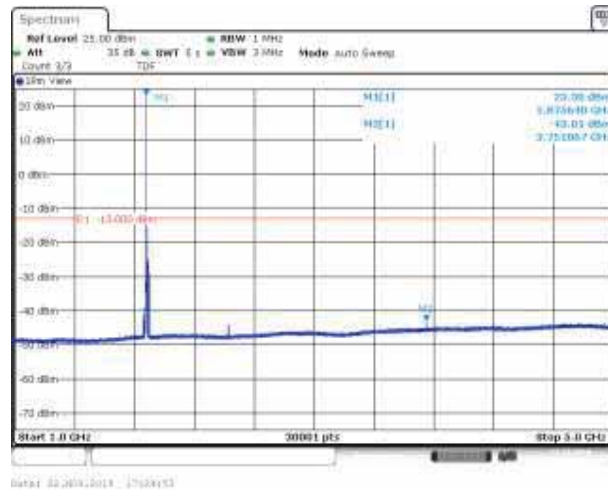
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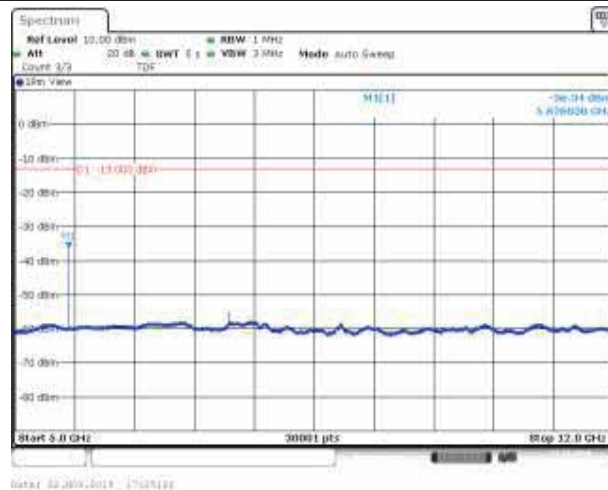
中国国家认证认可监督管理委员会

Certification and Accreditation Administration of the People's Republic of China

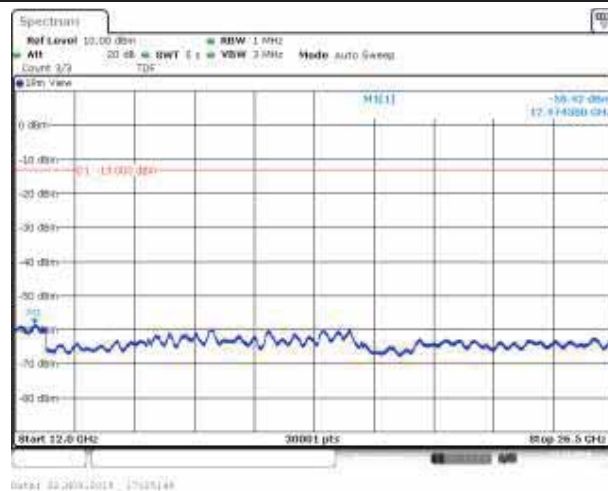
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Band2_10MHz_QPSK_18900_1RB#0



Band2_10MHz_QPSK_18900_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

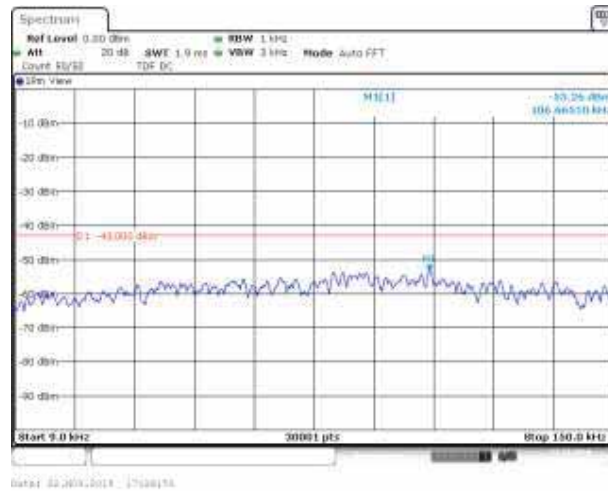
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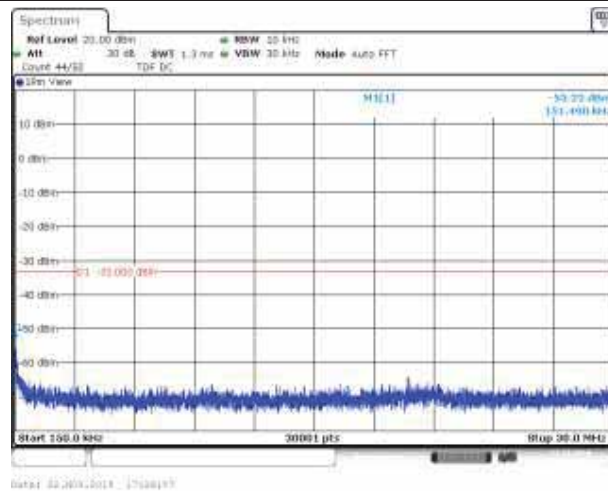
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Band2_10MHz_QPSK_19150_1RB#0



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CTC Laboratories, Inc.

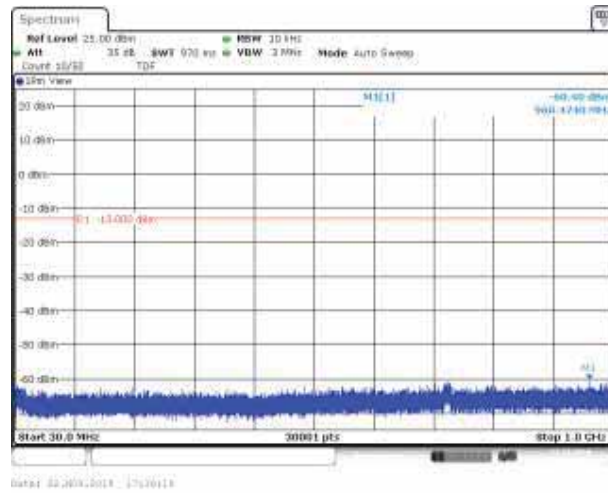
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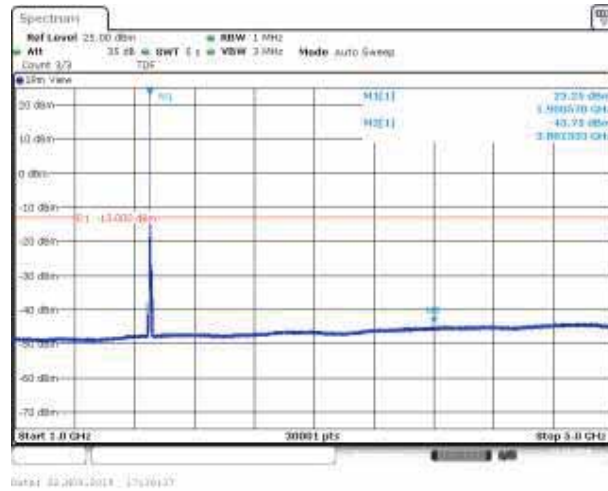
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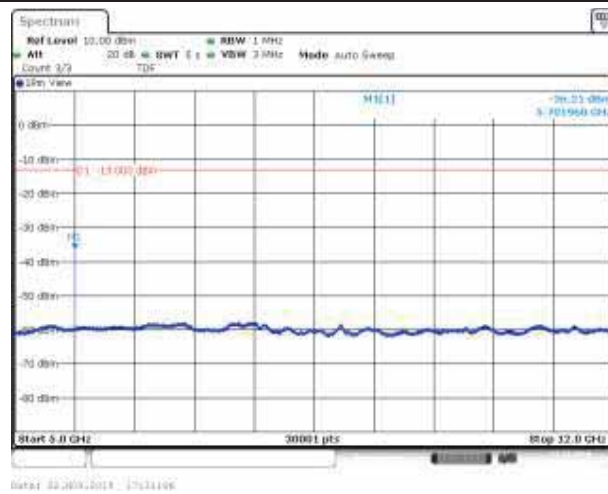

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Band2_10MHz_QPSK_19150_1RB#0



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Tel.: (86)755-27521059

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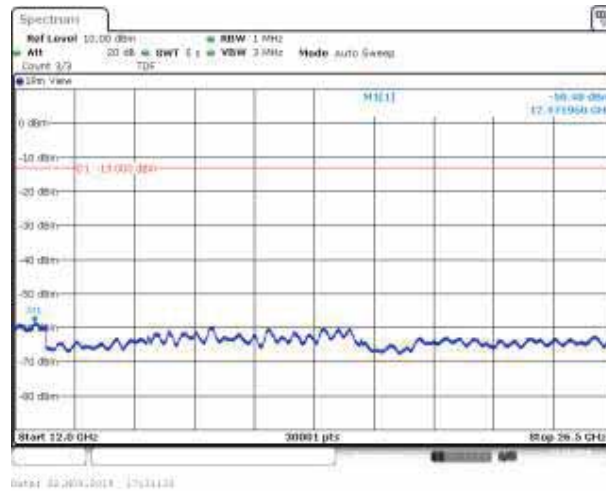


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Band2_10MHz_QPSK_19150_1RB#0



Band2_10MHz_16QAM_18650_1RB#0



Band2_10MHz_16QAM_18650_1RB#0

CTC Laboratories, Inc.

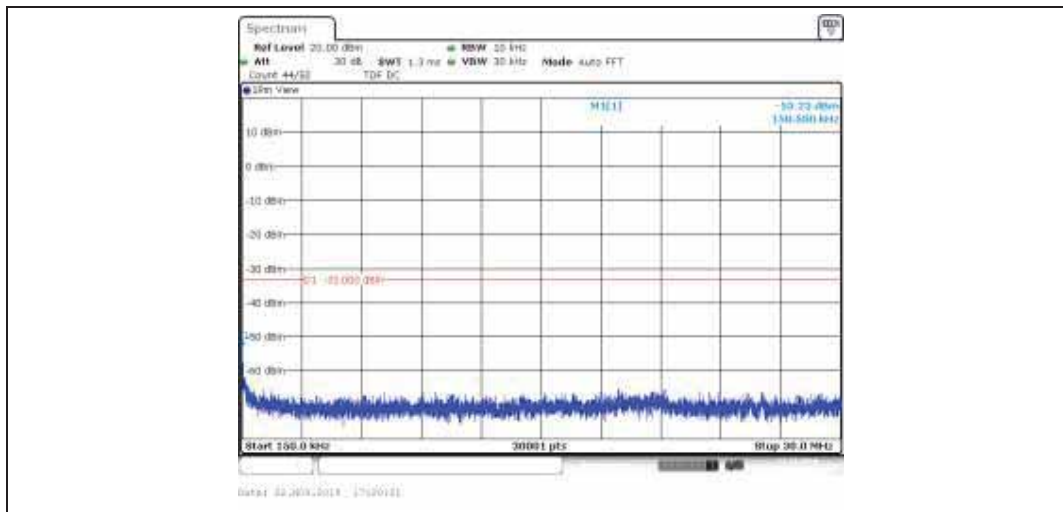
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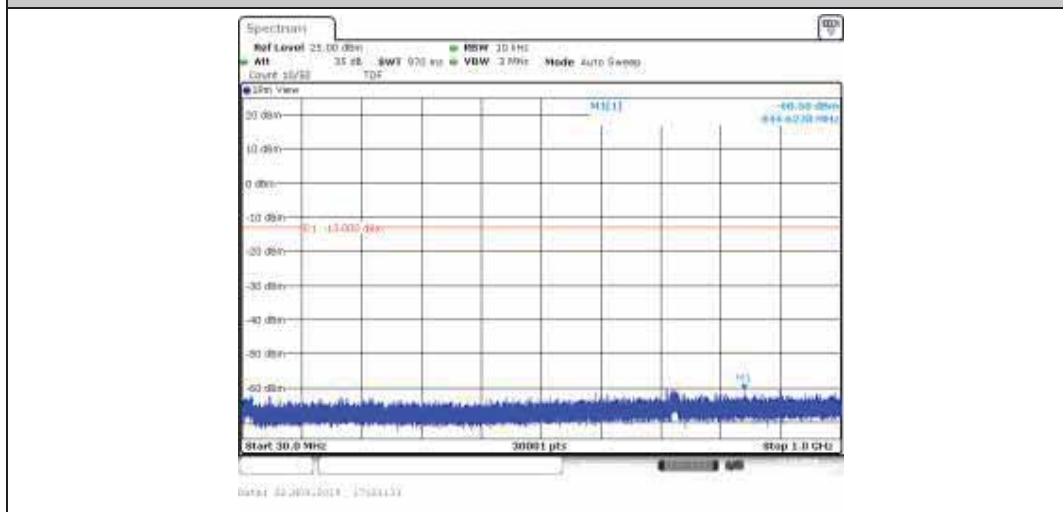
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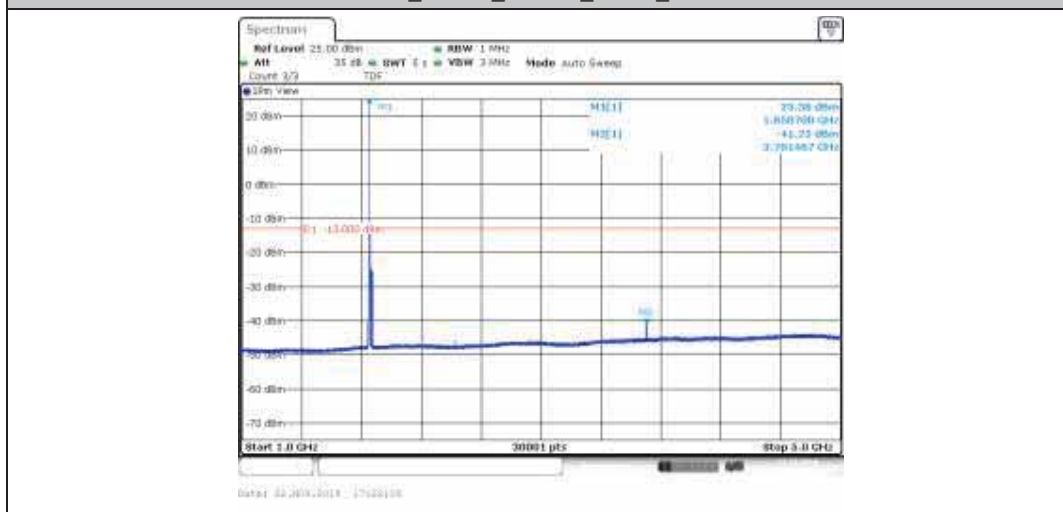

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Band2_10MHz_16QAM_18650_1RB#0



Band2_10MHz_16QAM_18650_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

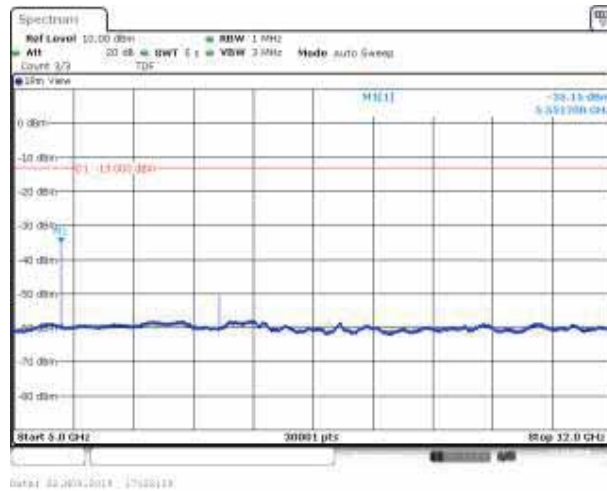
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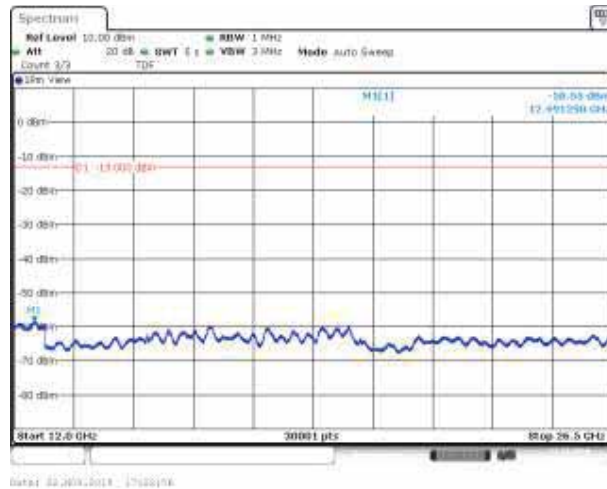
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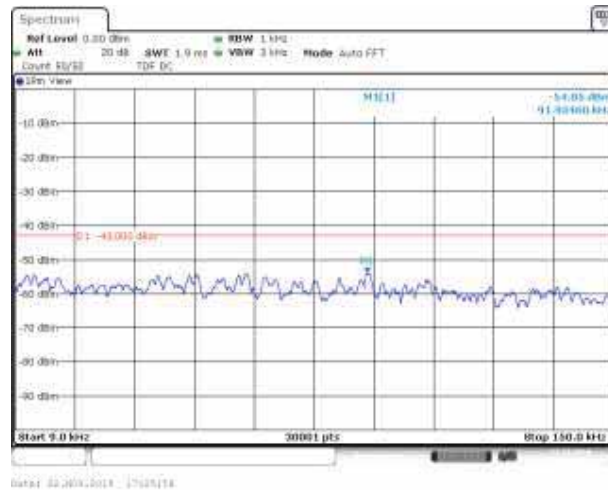
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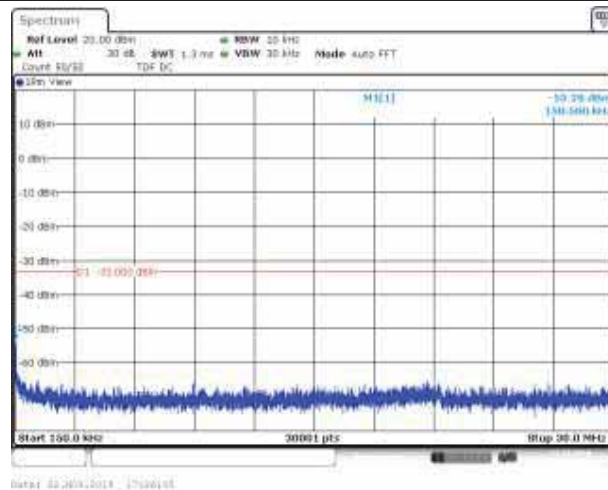
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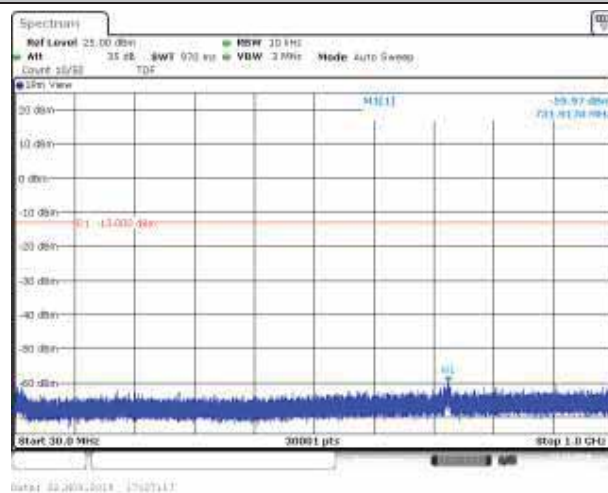
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2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

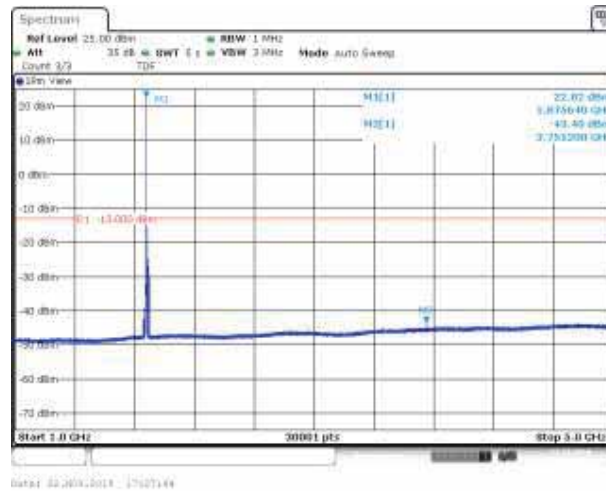
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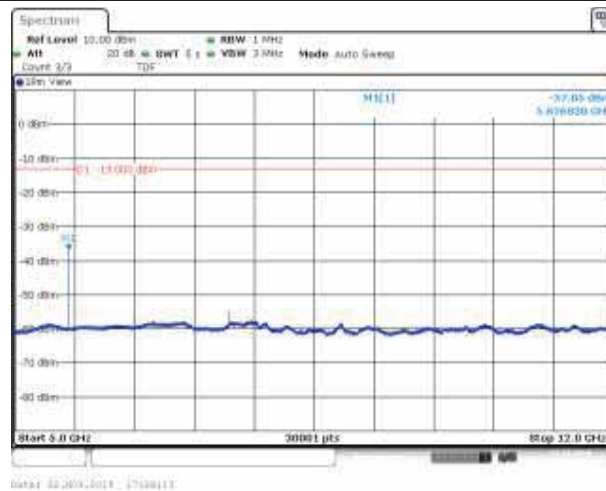
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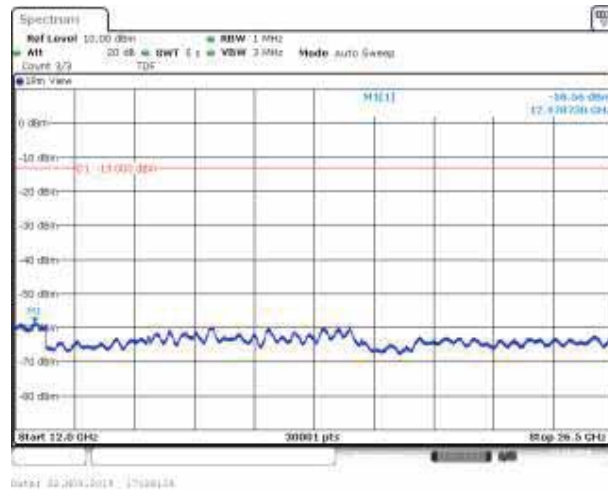
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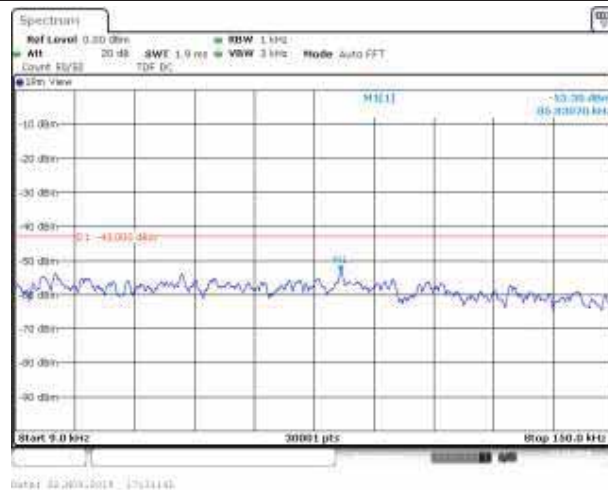
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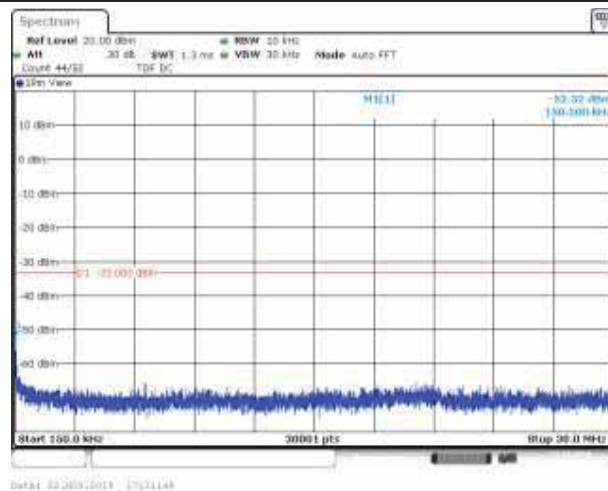
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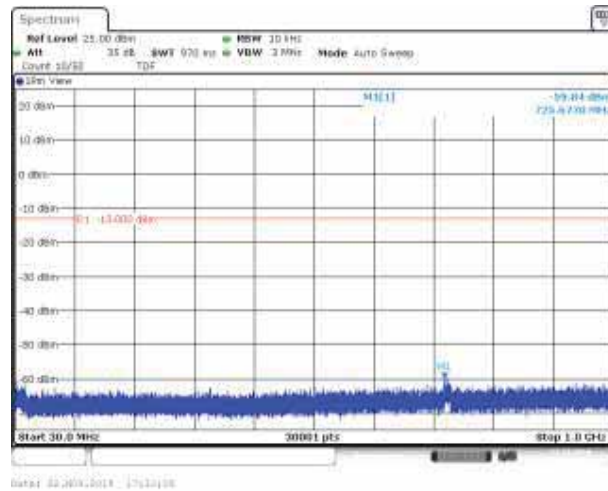
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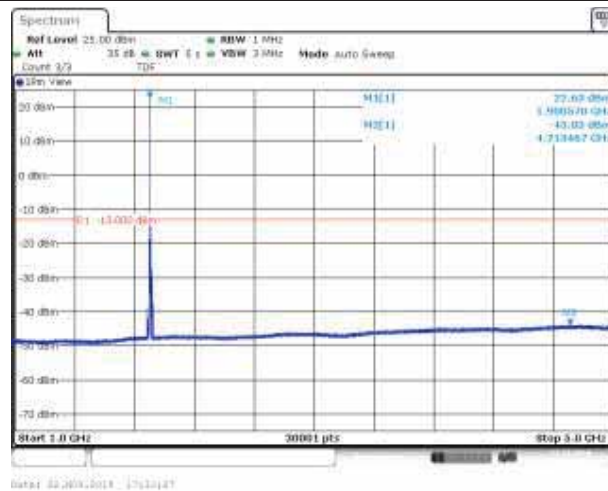
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Band2_10MHz_16QAM_19150_1RB#0



Band2_10MHz_16QAM_19150_1RB#0



Band2_10MHz_16QAM_19150_1RB#0

CTC Laboratories, Inc.

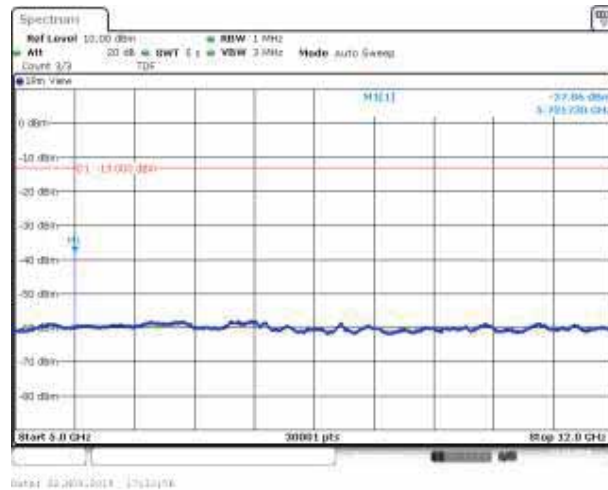
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Tel.: (86)755-27521059

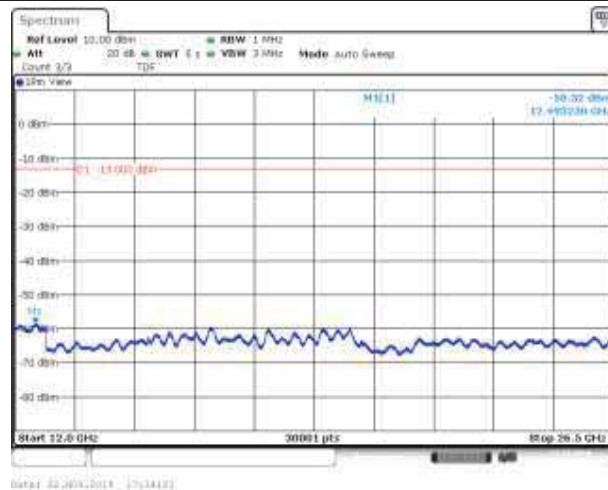
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Http://www.sz-ctc.org.cn

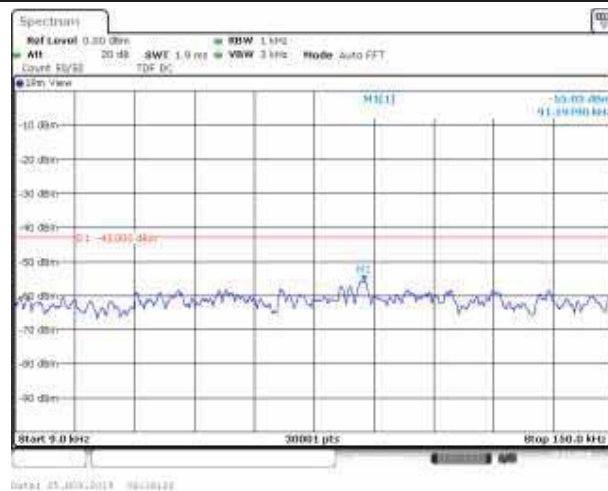

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Band2_10MHz_16QAM_19150_1RB#0



Band2_15MHz_QPSK_18675_1RB#0



CTC Laboratories, Inc.

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Tel.: (86)755-27521059

Fax: (86)755-27521011

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

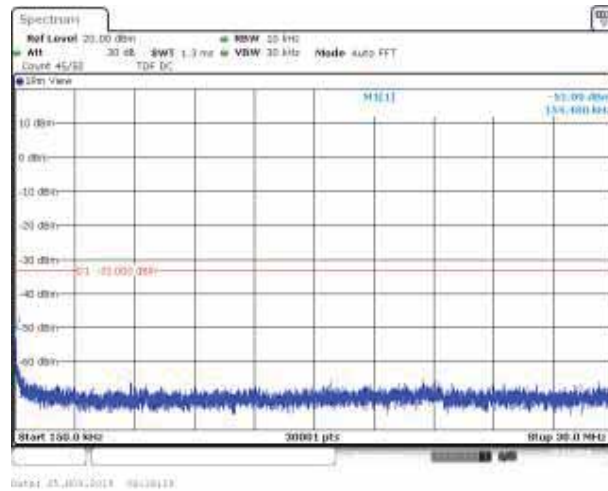


中国国家认证认可监督管理委员会

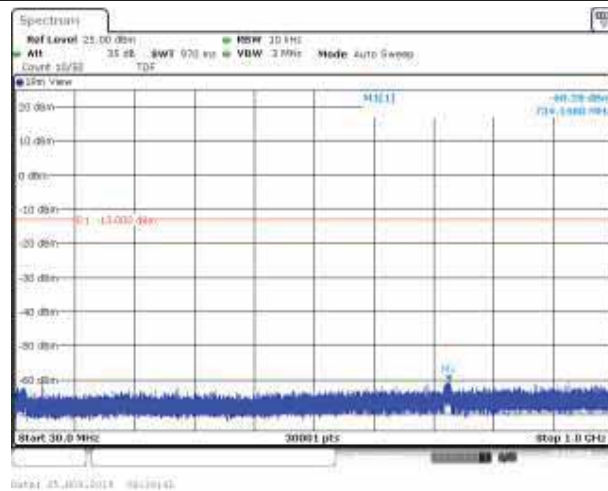
Certification and Accreditation Administration of the People's Republic of China

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

Band2_15MHz_QPSK_18675_1RB#0



Band2_15MHz_QPSK_18675_1RB#0



Band2_15MHz_QPSK_18675_1RB#0

CTC Laboratories, Inc.

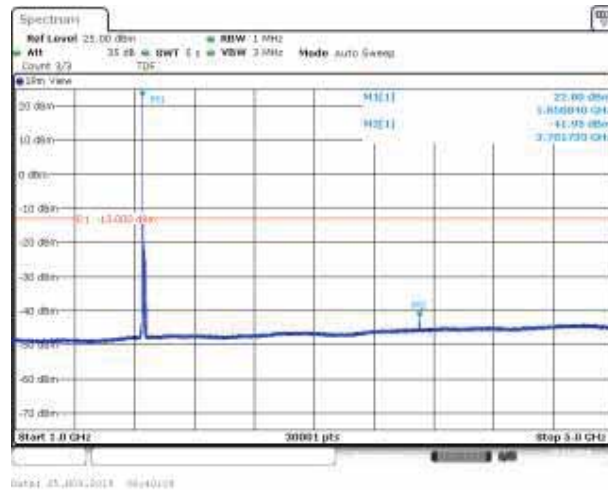
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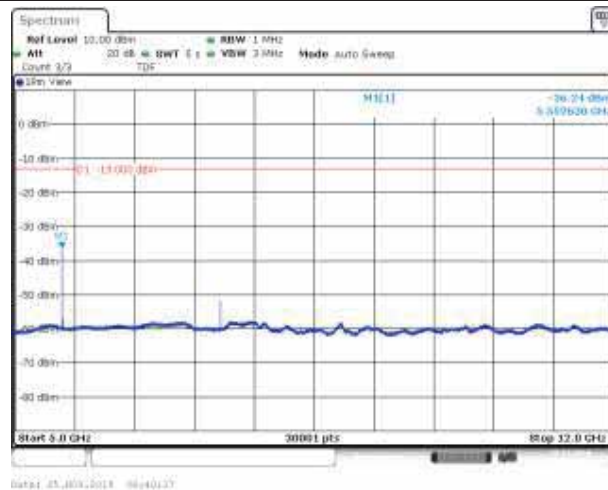
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Http://www.sz-ctc.org.cn

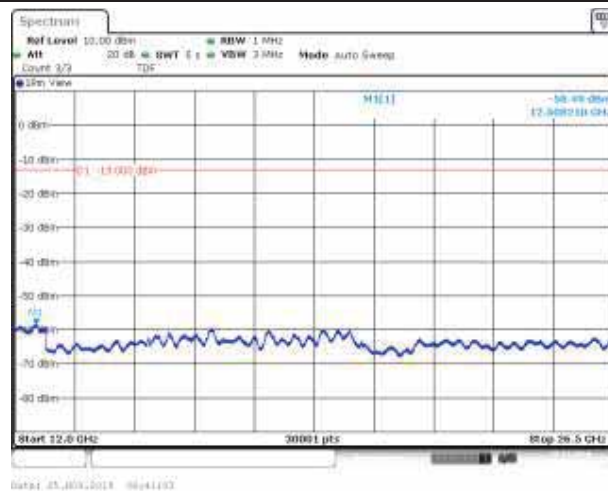

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Band2_15MHz_QPSK_18675_1RB#0



Band2_15MHz_QPSK_18675_1RB#0



CTC Laboratories, Inc.

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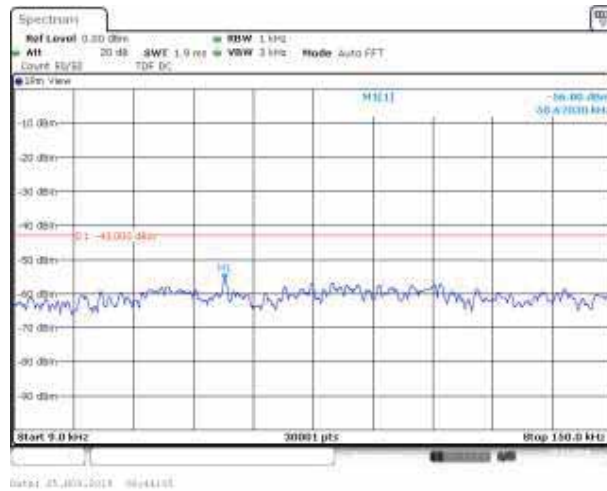
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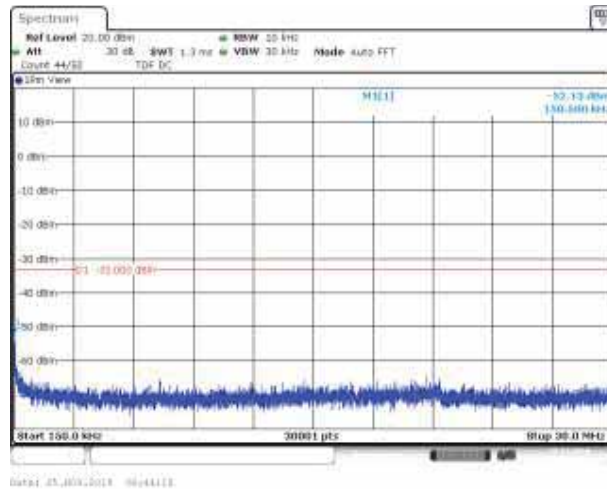
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Band2_15MHz_QPSK_18900_1RB#0



Band2_15MHz_QPSK_18900_1RB#0



Band2_15MHz_QPSK_18900_1RB#0

CTC Laboratories, Inc.

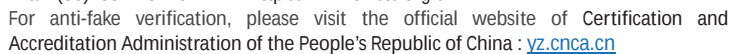
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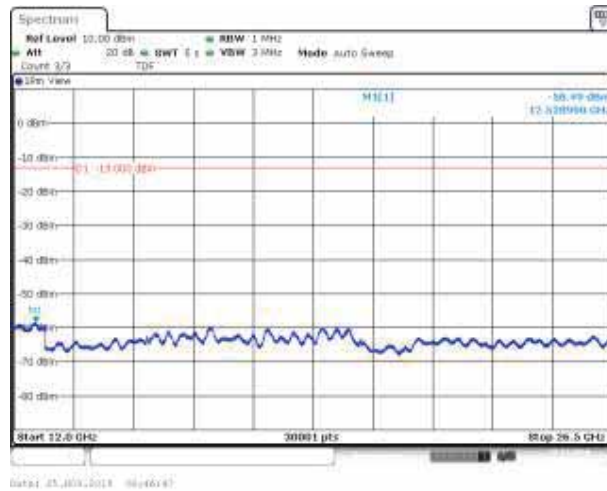
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Http://www.sz-ctc.org.cn

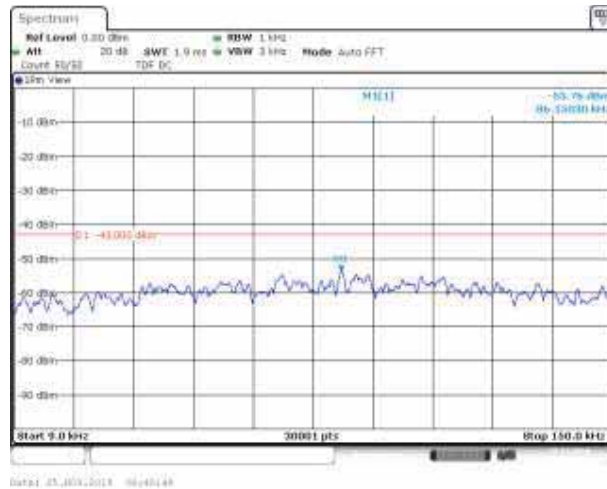

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Band2_15MHz_QPSK_18900_1RB#0



Band2_15MHz_QPSK_19125_1RB#0



Band2_15MHz_QPSK_19125_1RB#0

CTC Laboratories, Inc.

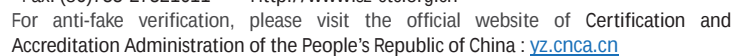
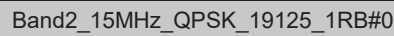
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Tel.: (86)755-27521059

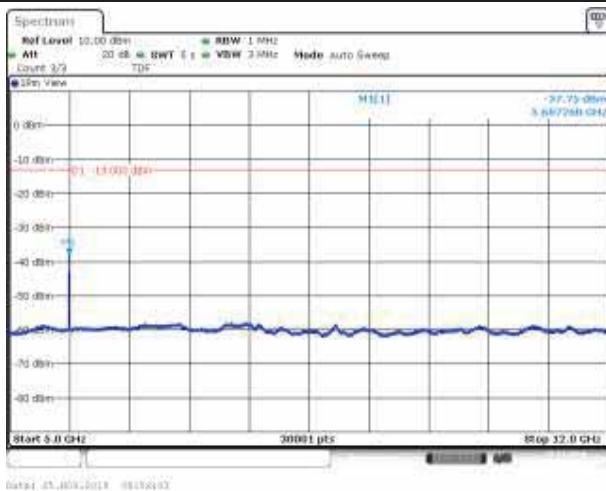
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Http://www.sz-ctc.org.cn

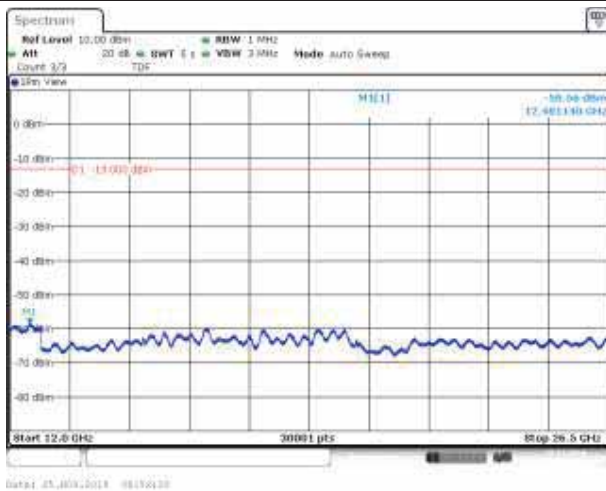

For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



Band2_15MHz_QPSK_19125_1RB#0



Band2_15MHz_QPSK_19125_1RB#0



Band2_15MHz_16QAM_18675_1RB#0

CTC Laboratories, Inc.

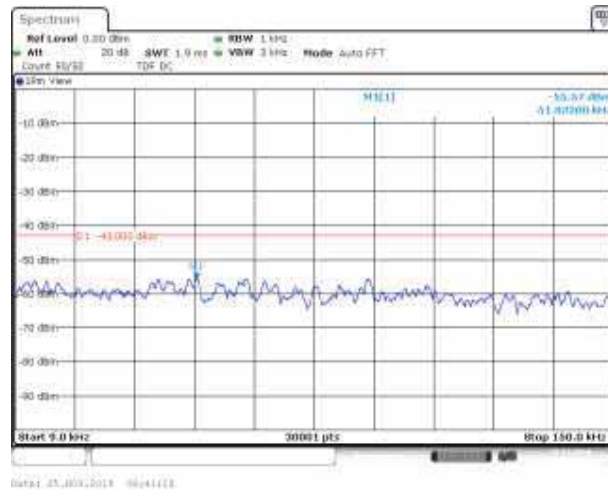
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Tel.: (86)755-27521059

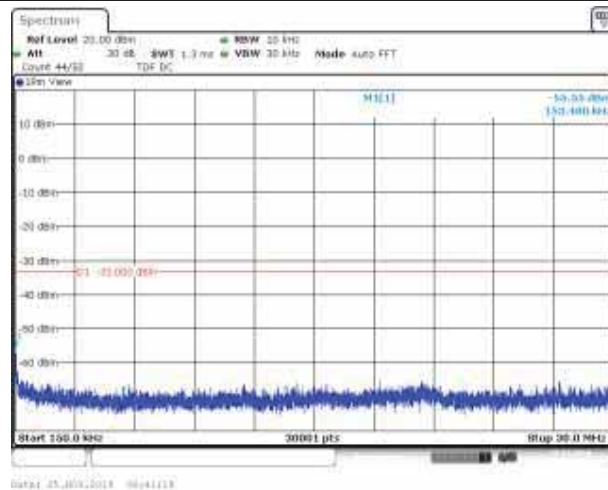
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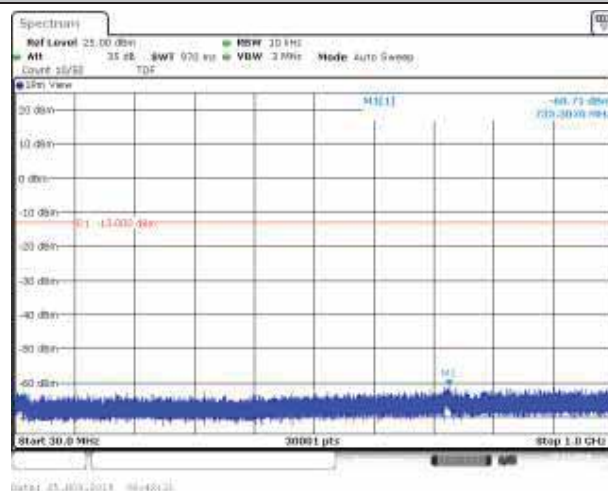

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Band2_15MHz_16QAM_18675_1RB#0



Band2_15MHz_16QAM_18675_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

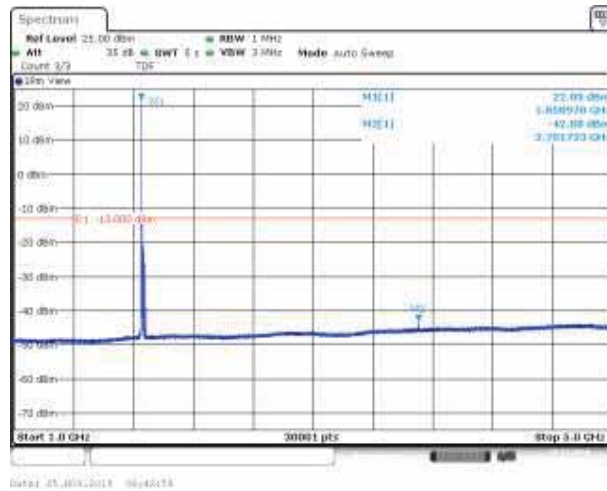
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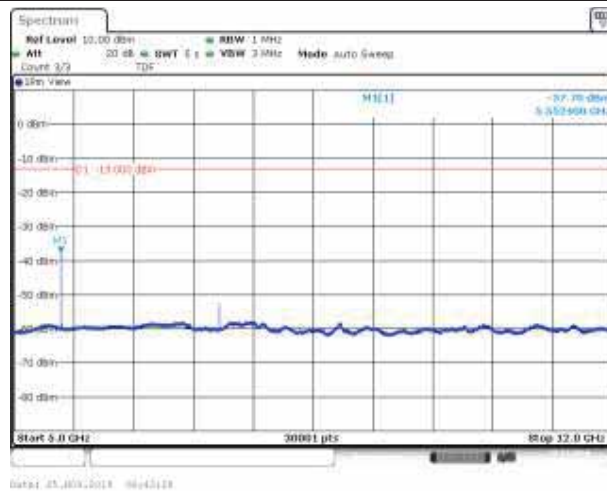
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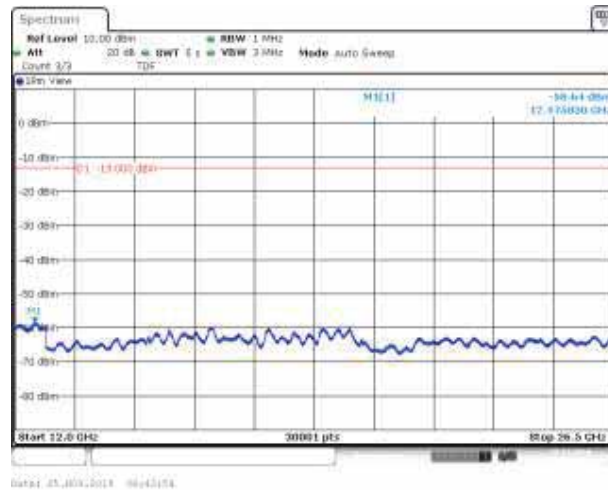
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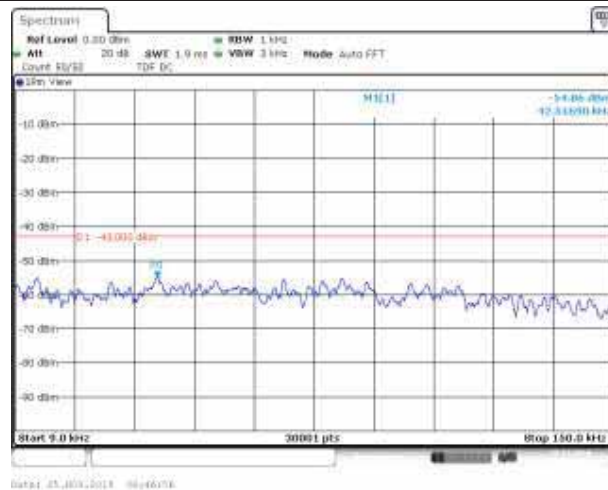
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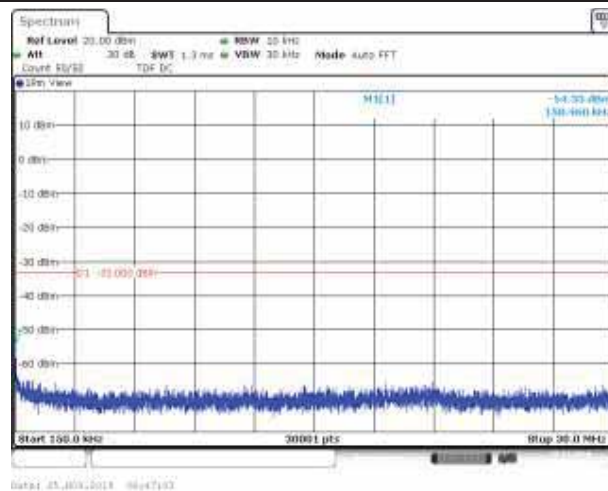
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Band2_15MHz_16QAM_18900_1RB#0



Band2_15MHz_16QAM_18900_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

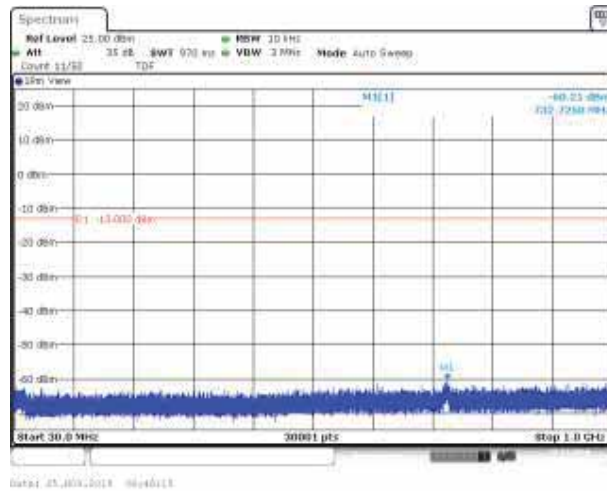
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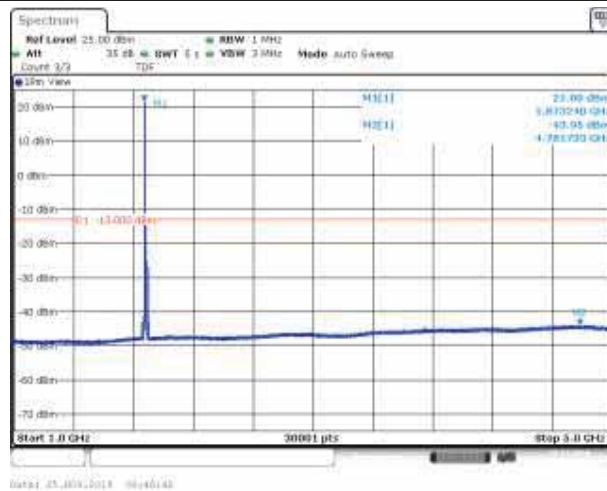
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Band2_15MHz_16QAM_18900_1RB#0



Band2_15MHz_16QAM_18900_1RB#0



Band2_15MHz_16QAM_18900_1RB#0

CTC Laboratories, Inc.

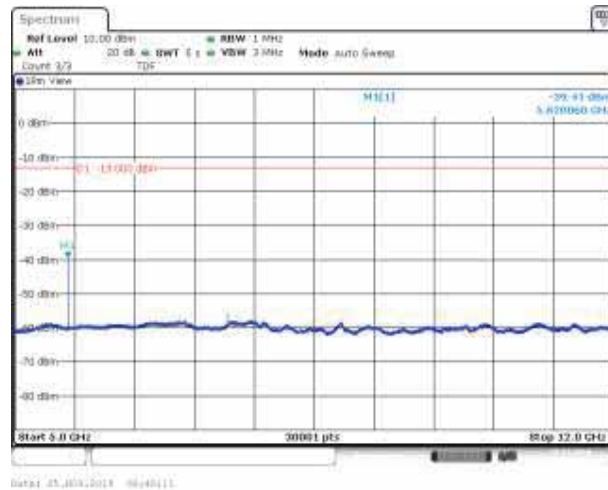
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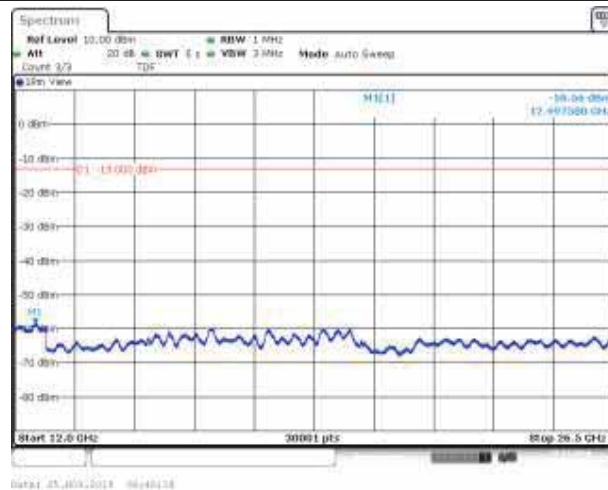
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Http://www.sz-ctc.org.cn

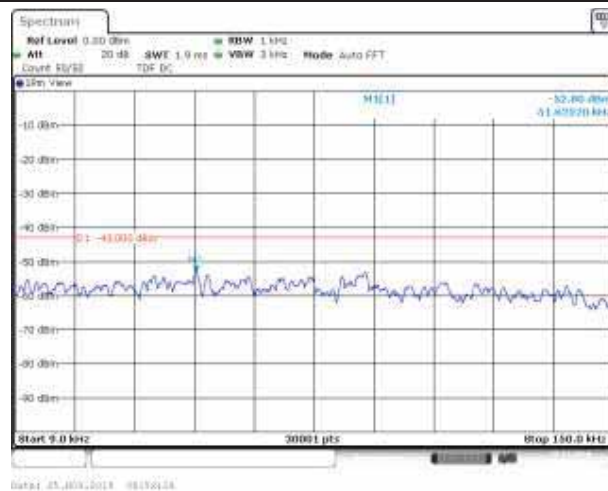

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Band2_15MHz_16QAM_18900_1RB#0



Band2_15MHz_16QAM_19125_1RB#0



CTC Laboratories, Inc.

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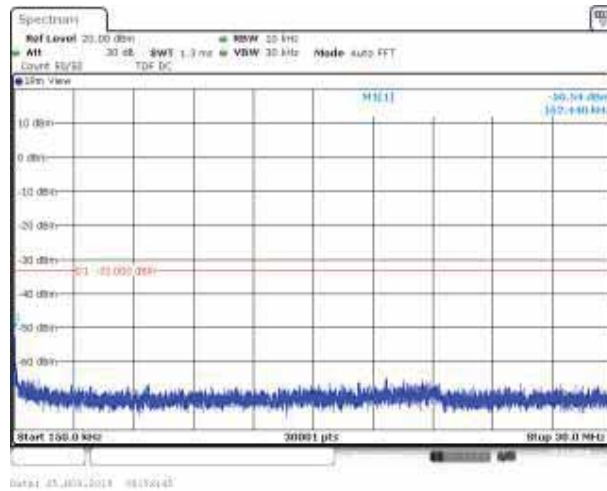
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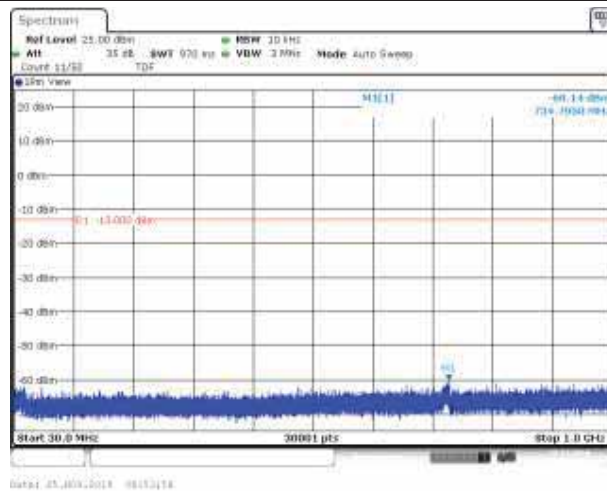
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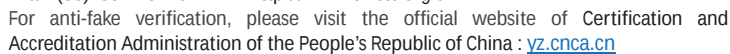
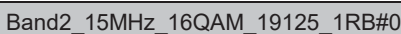
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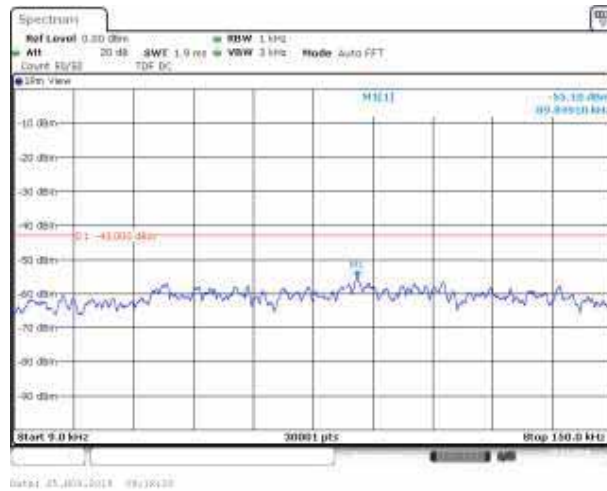
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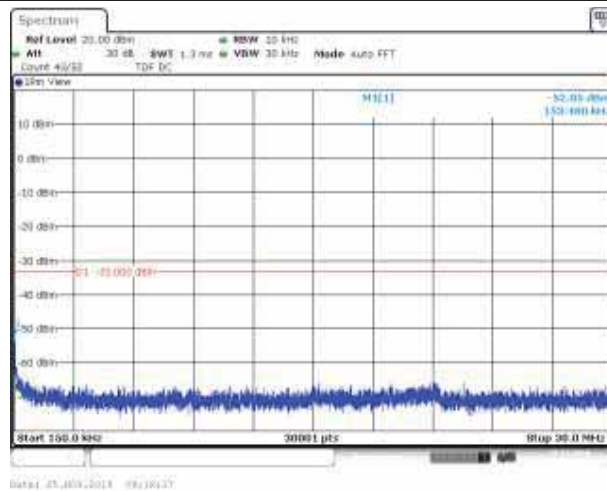
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Band2_20MHz_QPSK_18700_1RB#0



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Band2_20MHz_QPSK_18700_1RB#0

CTC Laboratories, Inc.

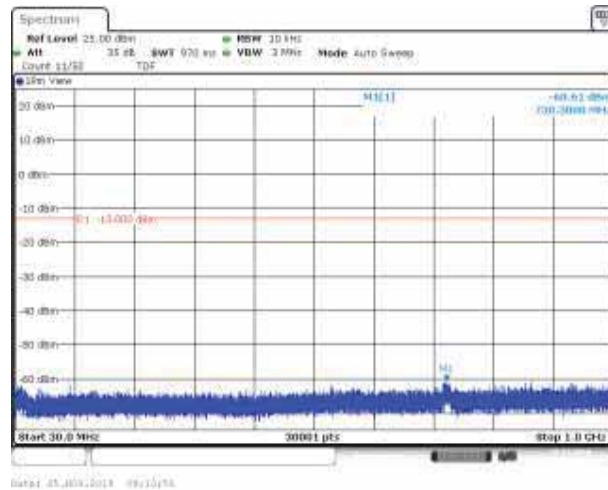
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

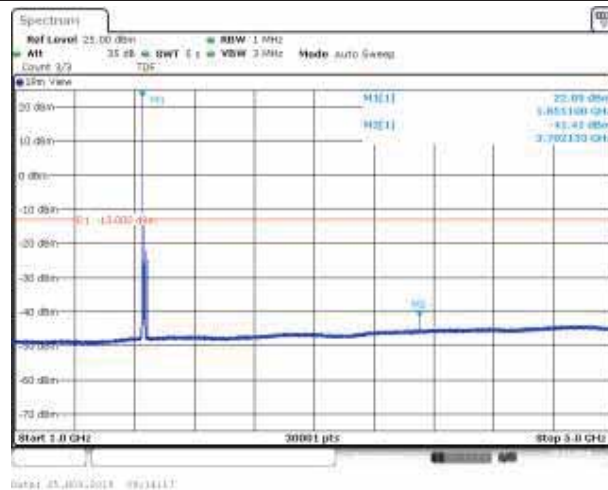
Fax: (86)755-27521011

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

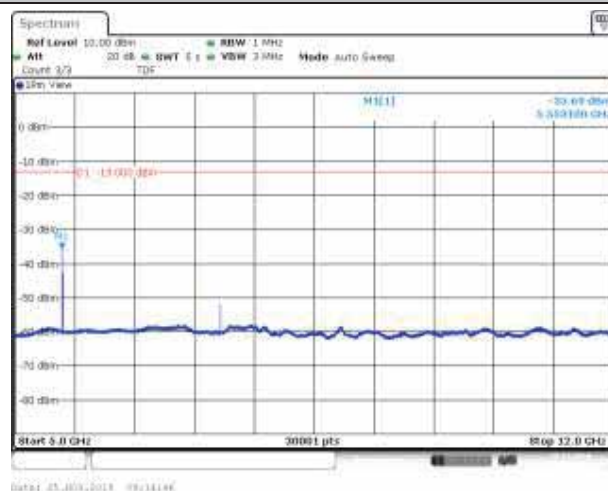

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Band2_20MHz_QPSK_18700_1RB#0



Band2_20MHz_QPSK_18700_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

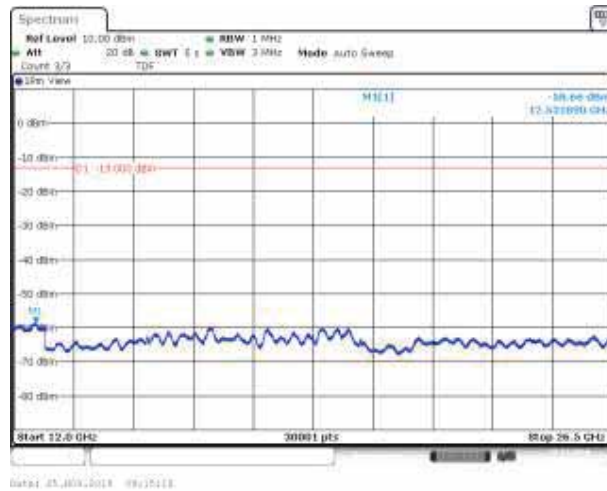
Tel.: (86)755-27521059

Fax: (86)755-27521011

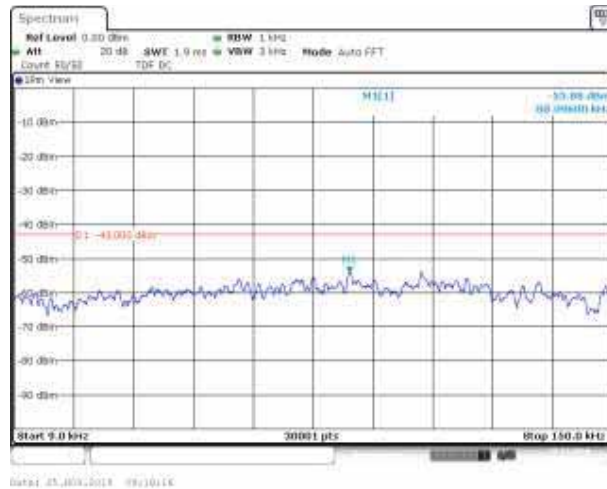
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Band2_20MHz_QPSK_18700_1RB#0



Band2_20MHz_QPSK_18900_1RB#0



Band2_20MHz_QPSK_18900_1RB#0

CTC Laboratories, Inc.

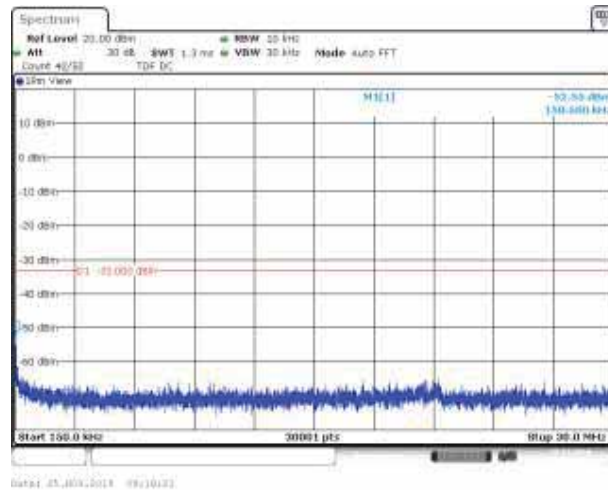
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Tel.: (86)755-27521059

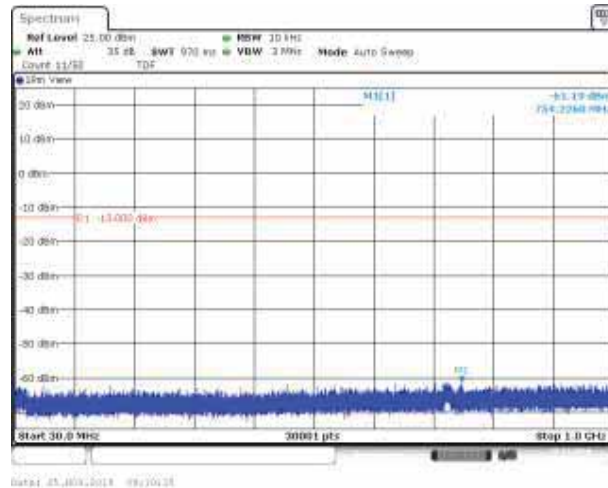
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Http://www.sz-ctc.org.cn

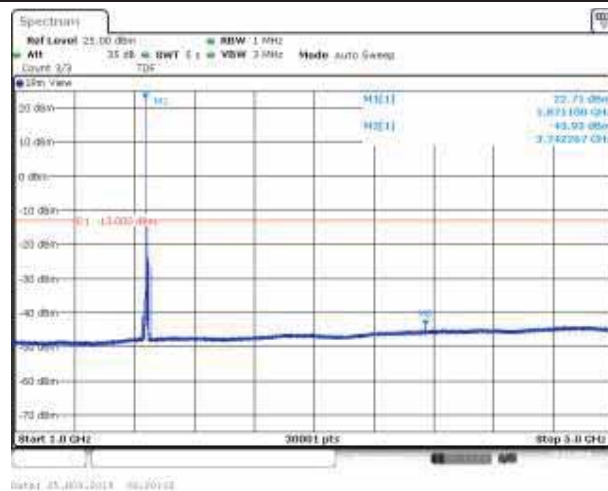

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Band2_20MHz_QPSK_18900_1RB#0



Band2_20MHz_QPSK_18900_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

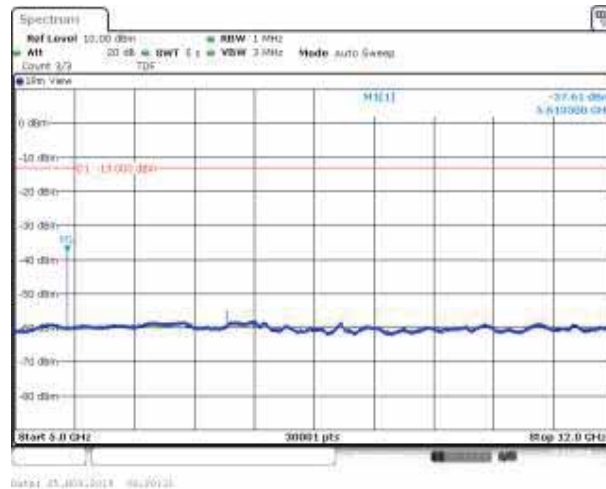
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Fax: (86)755-27521011

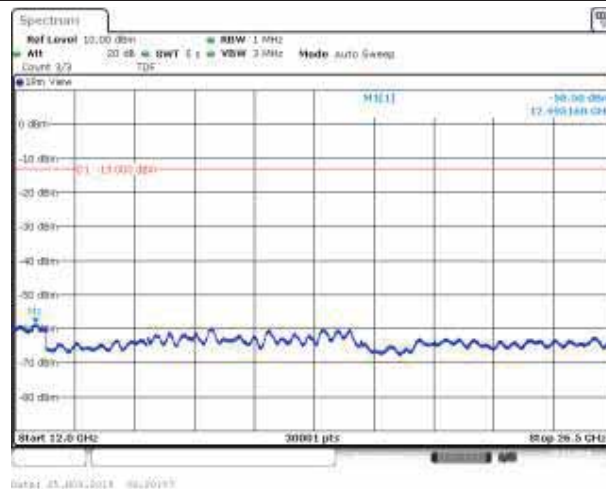
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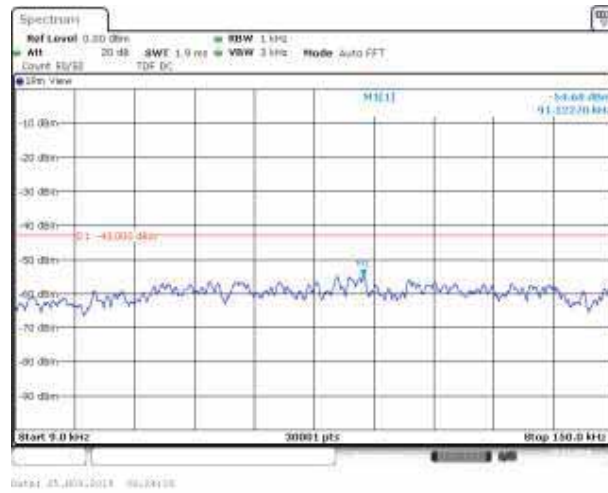
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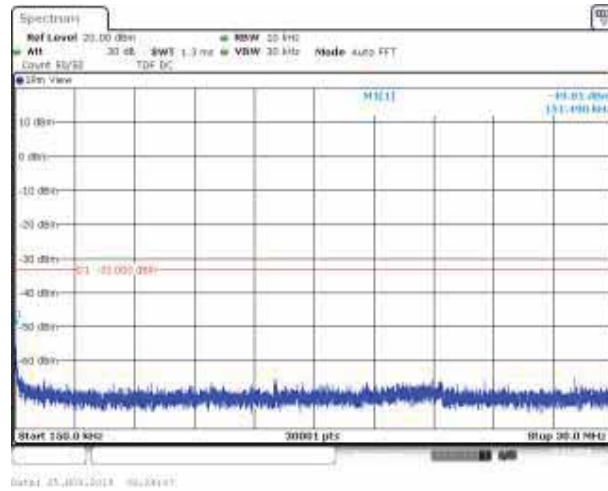
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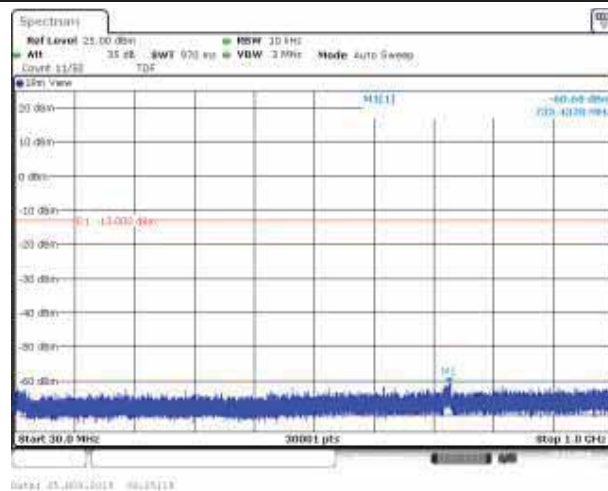
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Band2_20MHz_QPSK_19100_1RB#0



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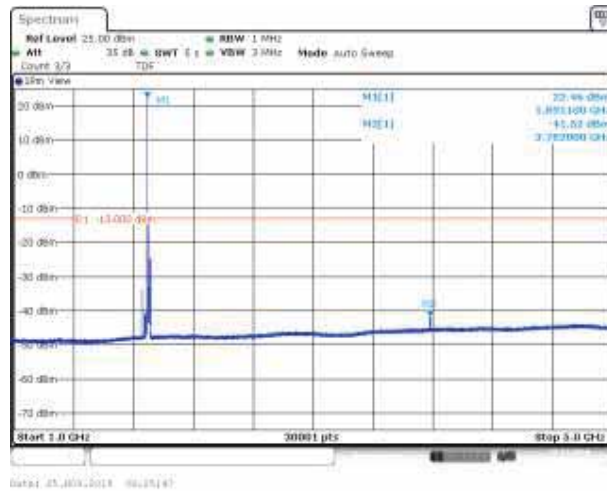
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Fax: (86)755-27521011 [Http://www.sz-ctc.org.cn](http://www.sz-ctc.org.cn)

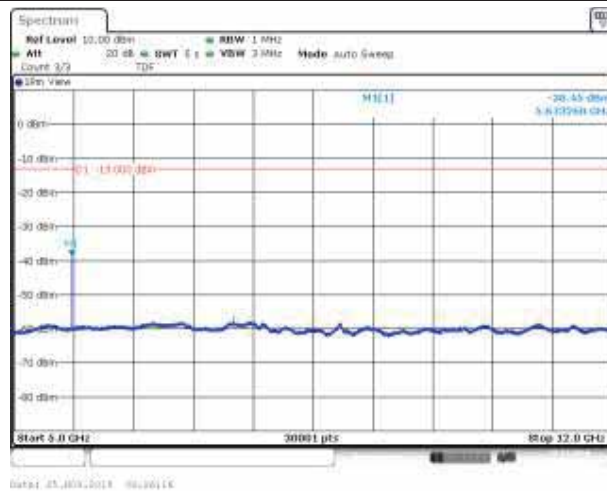
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Band2_20MHz_QPSK_19100_1RB#0



Band2_20MHz_QPSK_19100_1RB#0



Band2_20MHz_QPSK_19100_1RB#0

CTC Laboratories, Inc.

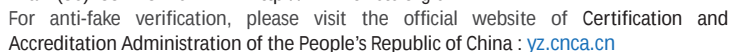
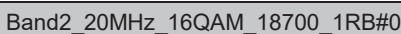
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Tel.: (86)755-27521059

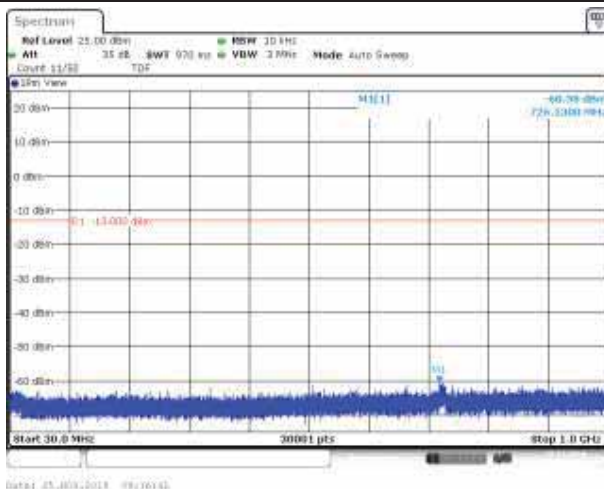
Fax: (86)755-27521011

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

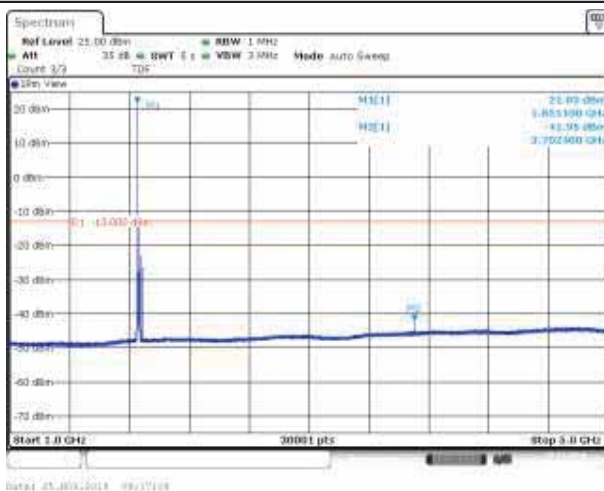

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Band2_20MHz_16QAM_18700_1RB#0



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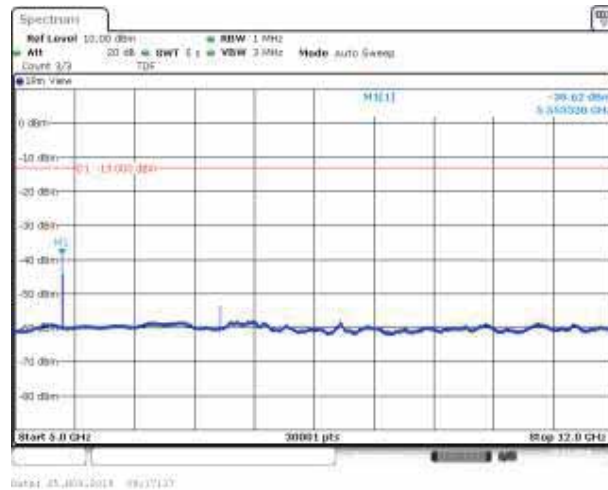
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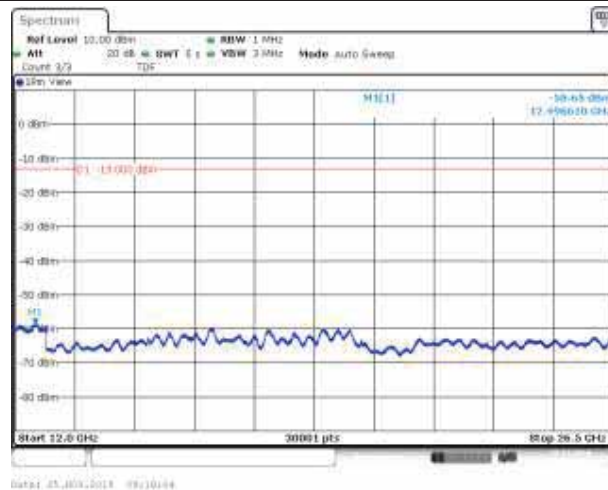
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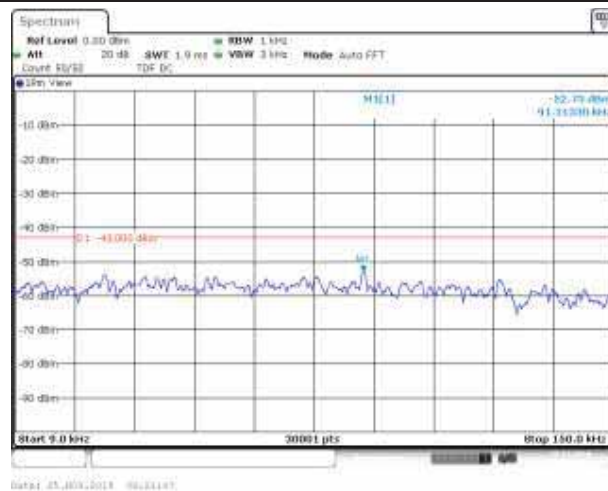

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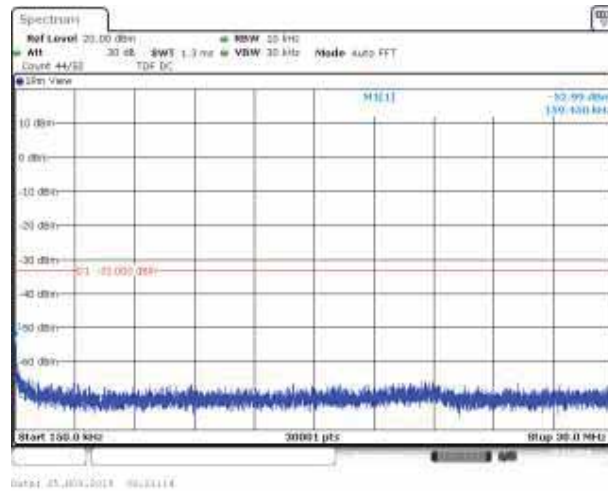
Band2_20MHz_16QAM_18700_1RB#0



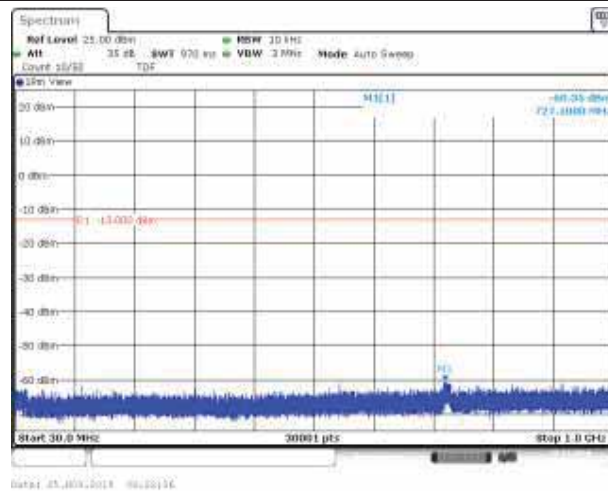
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Band2_20MHz_16QAM_18900_1RB#0



Band2_20MHz_16QAM_18900_1RB#0



Band2_20MHz_16QAM_18900_1RB#0

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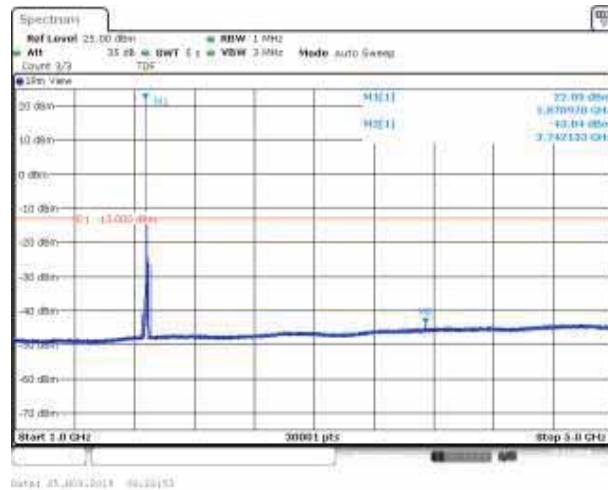
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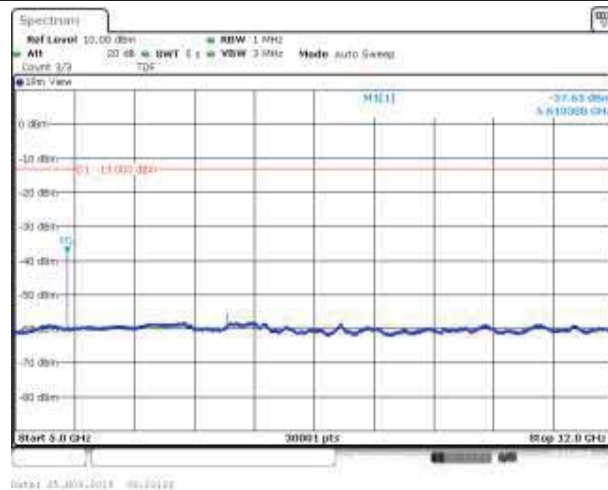
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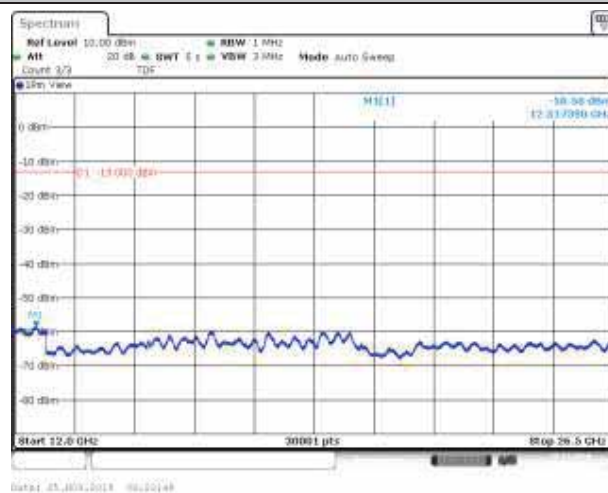

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Band2_20MHz_16QAM_18900_1RB#0



Band2_20MHz_16QAM_18900_1RB#0



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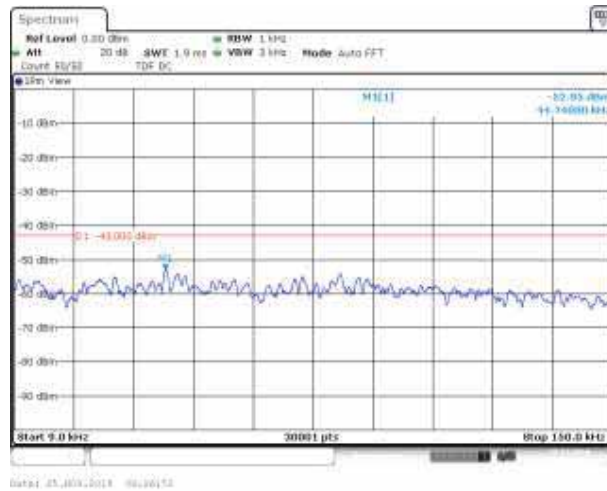
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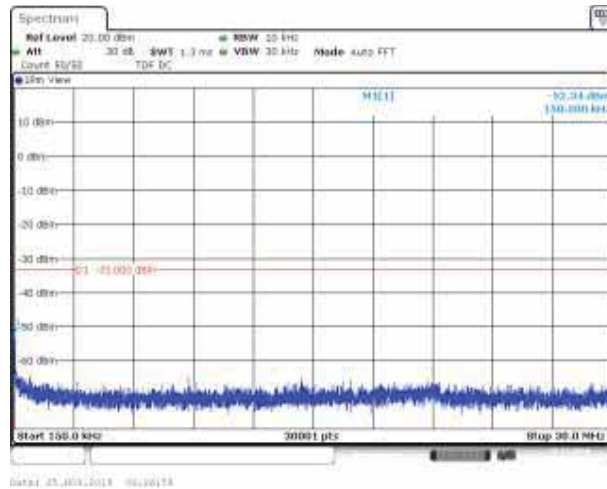

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Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#0

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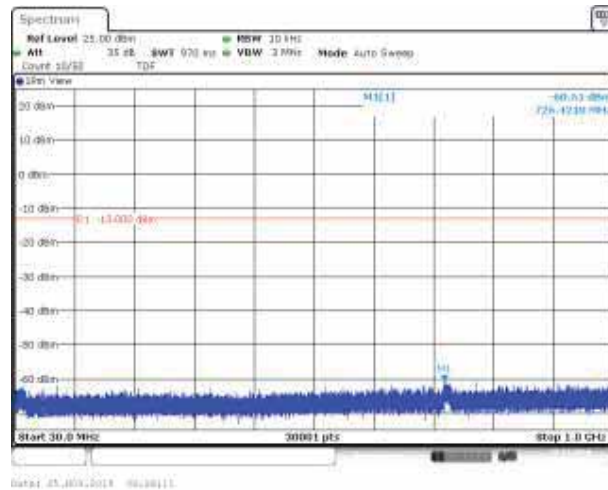
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Tel.: (86)755-27521059

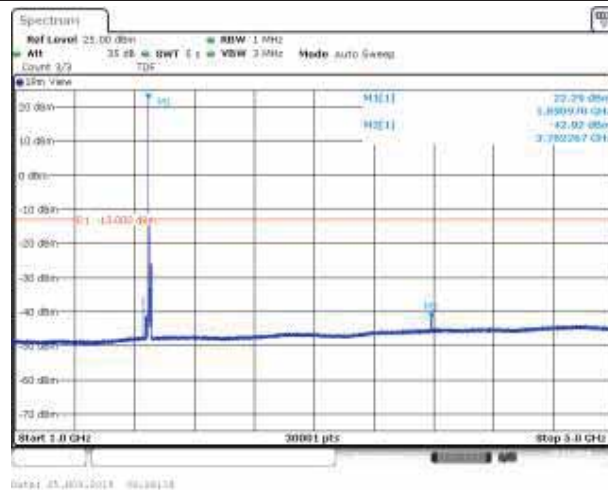
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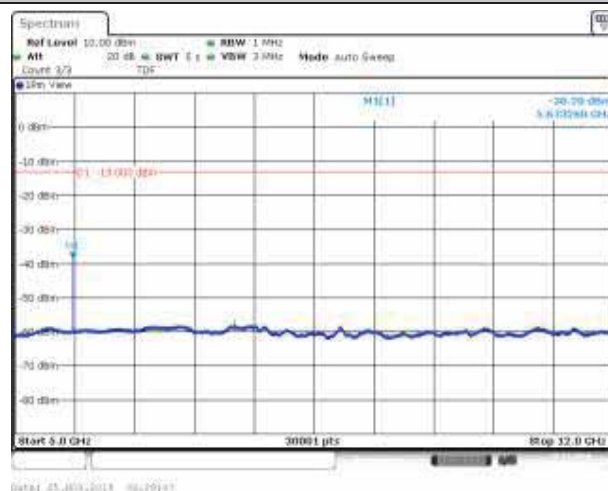

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Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#0



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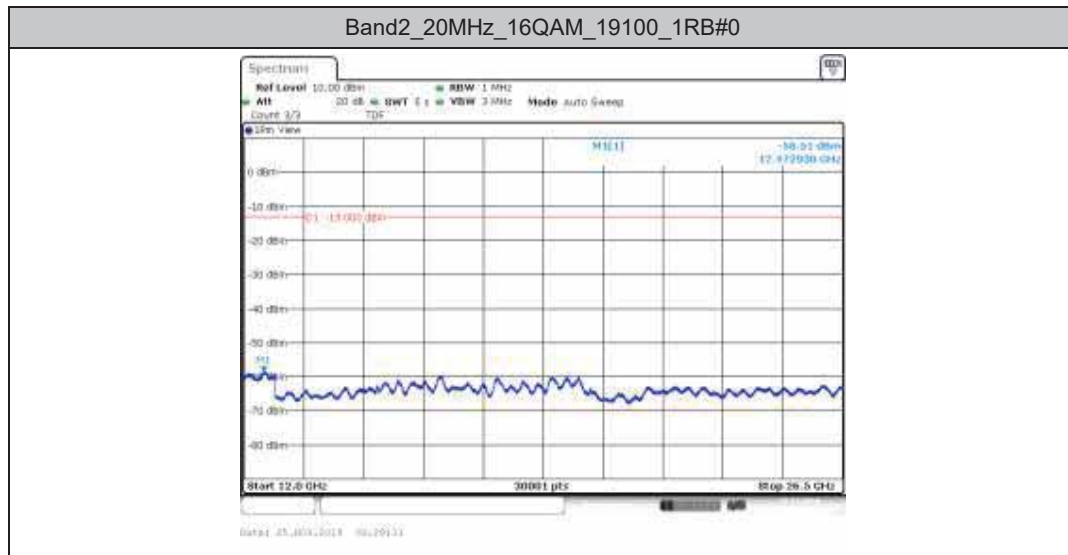
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Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	-7.44	-0.003957	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	-8.21	-0.004367	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	-13.22	-0.007032	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VL	NT	-7.44	-0.003957	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VN	NT	-13.93	-0.007410	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VH	NT	-7.98	-0.004245	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VL	NT	11.74	0.006245	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VN	NT	-6.54	-0.003479	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VH	NT	-8.25	-0.004388	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VL	NT	-16.39	-0.008718	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	-15.69	-0.008346	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	-6.68	-0.003553	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VL	NT	-16.04	-0.008532	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VN	NT	-16.26	-0.008649	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VH	NT	-7.82	-0.004160	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-6.71	-0.003569	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-6.85	-0.003644	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-8.37	-0.004452	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-30	-11.43	-0.006080	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-20	-9.20	-0.004894	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	-9.04	-0.004809	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	-14.35	-0.007633	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	-7.95	-0.004229	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-30	-15.64	-0.008319	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-20	-17.34	-0.009223	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	0	-17.74	-0.009436	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	10	-18.64	-0.009915	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	20	-8.81	-0.004686	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-30	10.34	0.005500	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-20	-6.27	-0.003335	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	0	-6.22	-0.003309	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	10	10.56	0.005617	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	20	-9.83	-0.005229	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-30	8.04	0.004277	±2.5	PASS

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Band2	10MHz	QPSK	18900	50RB#0	NV	-20	-16.18	-0.008606	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	-16.28	-0.008660	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	-16.06	-0.008543	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	7.61	0.004048	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-30	-8.41	-0.004473	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-20	-8.23	-0.004378	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	0	-6.29	-0.003346	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	10	-8.58	-0.004564	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	20	-10.60	-0.005638	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-8.07	-0.004293	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-7.42	-0.003947	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-9.23	-0.004910	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-7.32	-0.003894	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-7.25	-0.003856	±2.5	PASS

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