Appendix B

E-UTRA Band 2

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CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER 4

1.1. TEST RESULT 4

2. PEAK-TO-AVERAGE RATIO (CCDF) 16

2.1. TEST RESULT 16

2.2. TEST PLOTS 16

3. MODULATION CHARACTERISTICS 21

3.1. TEST MODE = LTE /TM1 20MHZ 21

3.1.1. TEST CHANNEL = MCH 21

3.2. TEST MODE = LTE /TM2 20MHZ 22

3.2.1. TEST CHANNEL = MCH 22

3.3. TEST MODE = LTE /TM3 20MHZ 23

3.3.1. TEST CHANNEL = MCH 23

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH 24

4.1. TEST RESULT 24

4.2. TEST PLOTS 25

5. BAND EDGE COMPLIANCE 53

5.1. TEST RESULT 53

5.2. TEST PLOTS 55

6. SPURIOUS EMISSION AT ANTENNA TERMINAL 91

6.1. TEST RESULT 91

6.2. TEST PLOTS 91

7. FIELD STRENGTH OF SPURIOUS RADIATION 101

7.1. TEST MODE =LTE/TM1 20MHZ 101

7.1.1. TEST CHANNEL = LCH 101

7.1.2. TEST CHANNEL = MCH 101

7.1.3. TEST CHANNEL = HCH 102

8. FREQUENCY STABILITY 103

8.1. FREQUENCY VS VOLTAGE 103

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8.2. FREQUENCY VS TEMPERATURE 103

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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#2	22.11	21.05	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.15	21.09	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	21.99	20.93	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.22	21.16	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.20	21.14	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.20	21.14	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.12	20.06	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	21.78	20.72	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.23	21.17	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.06	21.00	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.43	21.37	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.19	21.13	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.21	21.15	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.18	20.12	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.00	20.94	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.02	20.96	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	21.95	20.89	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.31	21.25	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.18	21.12	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.19	21.13	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.11	20.05	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	20.31	19.25	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	20.34	19.28	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	20.31	19.25	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	20.36	19.30	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	20.42	19.36	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	20.34	19.28	33	PASS

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Band2	1.4MHz	64QAM	18607	6RB#0	20.32	19.26	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	20.31	19.25	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	20.45	19.39	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	20.30	19.24	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	20.35	19.29	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	20.30	19.24	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	20.32	19.26	33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.33	19.27	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	20.38	19.32	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	20.37	19.31	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	20.39	19.33	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	20.34	19.28	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	20.35	19.29	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	20.32	19.26	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.38	19.32	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	20.68	19.62	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	20.92	19.86	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	20.65	19.59	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.41	20.35	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.27	20.21	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.27	20.21	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.33	19.27	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	20.44	19.38	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	20.44	19.38	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	20.52	19.46	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.42	20.36	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.18	20.12	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.18	20.12	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.32	19.26	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	20.62	19.56	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	20.66	19.60	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	20.78	19.72	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.27	20.21	33	PASS

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Band2	1.4MHz	16QAM	19193	3RB#1	21.36	20.30	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.18	20.12	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.34	19.28	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.27	21.21	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	21.99	20.93	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.08	21.02	33	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.10	20.04	33	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.24	20.18	33	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.22	20.16	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.15	20.09	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.30	21.24	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	21.84	20.78	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.08	21.02	33	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.18	20.12	33	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.18	20.12	33	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.26	20.20	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.17	20.11	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.00	20.94	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.00	20.94	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	21.84	20.78	33	PASS
Band2	3MHz	QPSK	19185	8RB#7	20.97	19.91	33	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.09	20.03	33	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.24	20.18	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.02	19.96	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	20.36	19.30	33	PASS
Band2	3MHz	64QAM	18615	1RB#8	20.61	19.55	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	20.33	19.27	33	PASS
Band2	3MHz	64QAM	18615	8RB#0	20.36	19.30	33	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.36	19.30	33	PASS
Band2	3MHz	64QAM	18615	8RB#7	20.35	19.29	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.31	19.25	33	PASS
Band2	3MHz	64QAM	18900	1RB#14	20.34	19.28	33	PASS
Band2	3MHz	64QAM	18900	1RB#0	20.32	19.26	33	PASS

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Band2	3MHz	64QAM	18900	1RB#8	20.48	19.42	33	PASS
Band2	3MHz	64QAM	18900	8RB#0	20.36	19.30	33	PASS
Band2	3MHz	64QAM	18900	8RB#7	20.32	19.26	33	PASS
Band2	3MHz	64QAM	18900	8RB#4	20.34	19.28	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.35	19.29	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	20.32	19.26	33	PASS
Band2	3MHz	64QAM	19185	1RB#8	20.33	19.27	33	PASS
Band2	3MHz	64QAM	19185	1RB#14	20.30	19.24	33	PASS
Band2	3MHz	64QAM	19185	8RB#7	20.30	19.24	33	PASS
Band2	3MHz	64QAM	19185	8RB#0	20.33	19.27	33	PASS
Band2	3MHz	64QAM	19185	8RB#4	20.38	19.32	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.32	19.26	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	20.78	19.72	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	20.63	19.57	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	20.71	19.65	33	PASS
Band2	3MHz	16QAM	18615	8RB#7	20.30	19.24	33	PASS
Band2	3MHz	16QAM	18615	8RB#0	20.34	19.28	33	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.36	19.30	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.31	19.25	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	20.59	19.53	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	20.79	19.73	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	20.86	19.80	33	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.33	19.27	33	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.35	19.29	33	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.39	19.33	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.36	19.30	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	20.59	19.53	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	20.67	19.61	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	20.64	19.58	33	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.32	19.26	33	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.33	19.27	33	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.32	19.26	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.30	19.24	33	PASS

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Band2	5MHz	QPSK	18625	1RB#12	22.51	21.45	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	21.99	20.93	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	21.79	20.73	33	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.01	19.95	33	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.23	20.17	33	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.16	20.10	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.20	20.14	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	21.91	20.85	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	21.74	20.68	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.39	21.33	33	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.16	20.10	33	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.08	20.02	33	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.27	20.21	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.11	20.05	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	21.71	20.65	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	21.72	20.66	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.41	21.35	33	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.14	20.08	33	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.23	20.17	33	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.00	19.94	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.14	20.08	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	20.35	19.29	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	20.38	19.32	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	20.62	19.56	33	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.37	19.31	33	PASS
Band2	5MHz	64QAM	18625	12RB#13	20.30	19.24	33	PASS
Band2	5MHz	64QAM	18625	12RB#6	20.31	19.25	33	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.36	19.30	33	PASS
Band2	5MHz	64QAM	18900	1RB#12	20.77	19.71	33	PASS
Band2	5MHz	64QAM	18900	1RB#0	20.32	19.26	33	PASS
Band2	5MHz	64QAM	18900	1RB#24	20.34	19.28	33	PASS
Band2	5MHz	64QAM	18900	12RB#0	20.36	19.30	33	PASS
Band2	5MHz	64QAM	18900	12RB#6	20.31	19.25	33	PASS

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Band2	5MHz	64QAM	18900	12RB#13	20.31	19.25	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.30	19.24	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	20.58	19.52	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	20.35	19.29	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	20.33	19.27	33	PASS
Band2	5MHz	64QAM	19175	12RB#13	20.32	19.26	33	PASS
Band2	5MHz	64QAM	19175	12RB#6	20.38	19.32	33	PASS
Band2	5MHz	64QAM	19175	12RB#0	20.37	19.31	33	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.30	19.24	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	20.45	19.39	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.14	20.08	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	20.71	19.65	33	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.33	19.27	33	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.36	19.30	33	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.34	19.28	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.34	19.28	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	20.56	19.50	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.25	20.19	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	20.72	19.66	33	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.30	19.24	33	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.33	19.27	33	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.38	19.32	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.35	19.29	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	20.66	19.60	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	20.50	19.44	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	20.93	19.87	33	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.34	19.28	33	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.36	19.30	33	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.32	19.26	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.30	19.24	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.05	20.99	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.46	21.40	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	21.76	20.70	33	PASS

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Band2	10MHz	QPSK	18650	25RB#0	21.36	20.30	33	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.23	20.17	33	PASS
Band2	10MHz	QPSK	18650	25RB#25	20.97	19.91	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.16	20.10	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.01	20.95	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.57	21.51	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	21.73	20.67	33	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.30	20.24	33	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.08	20.02	33	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.35	20.29	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.18	20.12	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	21.94	20.88	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.31	21.25	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	21.80	20.74	33	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.13	20.07	33	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.01	19.95	33	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.04	19.98	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.10	20.04	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	20.31	19.25	33	PASS
Band2	10MHz	64QAM	18650	1RB#49	20.37	19.31	33	PASS
Band2	10MHz	64QAM	18650	1RB#24	20.70	19.64	33	PASS
Band2	10MHz	64QAM	18650	25RB#12	20.32	19.26	33	PASS
Band2	10MHz	64QAM	18650	25RB#0	20.34	19.28	33	PASS
Band2	10MHz	64QAM	18650	25RB#25	20.36	19.30	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.35	19.29	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	20.32	19.26	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	20.34	19.28	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	20.35	19.29	33	PASS
Band2	10MHz	64QAM	18900	25RB#0	20.32	19.26	33	PASS
Band2	10MHz	64QAM	18900	25RB#12	20.36	19.30	33	PASS
Band2	10MHz	64QAM	18900	25RB#25	20.31	19.25	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.32	19.26	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	20.34	19.28	33	PASS

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Band2	10MHz	64QAM	19150	1RB#0	20.31	19.25	33	PASS
Band2	10MHz	64QAM	19150	25RB#25	20.35	19.29	33	PASS
Band2	10MHz	64QAM	19150	25RB#0	20.36	19.30	33	PASS
Band2	10MHz	64QAM	19150	25RB#12	20.30	19.24	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.31	19.25	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	20.91	19.85	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	20.85	19.79	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	20.69	19.63	33	PASS
Band2	10MHz	16QAM	18650	25RB#25	20.30	19.24	33	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.37	19.31	33	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.33	19.27	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.36	19.30	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	20.86	19.80	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	20.83	19.77	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	20.83	19.77	33	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.33	19.27	33	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.36	19.30	33	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.33	19.27	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.34	19.28	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	20.62	19.56	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	20.43	19.37	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	20.82	19.76	33	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.30	19.24	33	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.39	19.33	33	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.30	19.24	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.38	19.32	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.00	20.94	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.77	21.71	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	21.31	20.25	33	PASS
Band2	15MHz	QPSK	18675	36RB#39	20.91	19.85	33	PASS
Band2	15MHz	QPSK	18675	36RB#18	21.29	20.23	33	PASS
Band2	15MHz	QPSK	18675	36RB#0	21.26	20.20	33	PASS

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Band2	15MHz	QPSK	18675	75RB#0	21.22	20.16	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	21.68	20.62	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.04	20.98	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.72	21.66	33	PASS
Band2	15MHz	QPSK	18900	36RB#0	21.34	20.28	33	PASS
Band2	15MHz	QPSK	18900	36RB#39	21.10	20.04	33	PASS
Band2	15MHz	QPSK	18900	36RB#18	21.38	20.32	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.25	20.19	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.21	21.15	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	21.79	20.73	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.61	20.55	33	PASS
Band2	15MHz	QPSK	19125	36RB#39	20.89	19.83	33	PASS
Band2	15MHz	QPSK	19125	36RB#0	21.27	20.21	33	PASS
Band2	15MHz	QPSK	19125	36RB#18	21.06	20.00	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.07	20.01	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	20.38	19.32	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	20.80	19.74	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	20.32	19.26	33	PASS
Band2	15MHz	64QAM	18675	36RB#0	20.31	19.25	33	PASS
Band2	15MHz	64QAM	18675	36RB#18	20.33	19.27	33	PASS
Band2	15MHz	64QAM	18675	36RB#39	20.31	19.25	33	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.34	19.28	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	19.99	18.93	33	PASS
Band2	15MHz	64QAM	18900	1RB#38	20.31	19.25	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	20.33	19.27	33	PASS
Band2	15MHz	64QAM	18900	36RB#0	20.30	19.24	33	PASS
Band2	15MHz	64QAM	18900	36RB#18	20.37	19.31	33	PASS
Band2	15MHz	64QAM	18900	36RB#39	20.31	19.25	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.37	19.31	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	20.40	19.34	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	20.36	19.30	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	20.36	19.30	33	PASS
Band2	15MHz	64QAM	19125	36RB#0	20.36	19.30	33	PASS

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Band2	15MHz	64QAM	19125	36RB#39	20.33	19.27	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.36	19.30	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	20.88	19.82	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	20.72	19.66	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	20.84	19.78	33	PASS
Band2	15MHz	16QAM	18675	36RB#0	20.35	19.29	33	PASS
Band2	15MHz	16QAM	18675	36RB#18	20.35	19.29	33	PASS
Band2	15MHz	16QAM	18675	36RB#39	20.31	19.25	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.38	19.32	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	20.72	19.66	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	20.74	19.68	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	20.84	19.78	33	PASS
Band2	15MHz	16QAM	18900	36RB#0	20.33	19.27	33	PASS
Band2	15MHz	16QAM	18900	36RB#18	20.36	19.30	33	PASS
Band2	15MHz	16QAM	18900	36RB#39	20.36	19.30	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.31	19.25	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	20.81	19.75	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	20.64	19.58	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	20.77	19.71	33	PASS
Band2	15MHz	16QAM	19125	36RB#39	20.37	19.31	33	PASS
Band2	15MHz	16QAM	19125	36RB#0	20.30	19.24	33	PASS
Band2	15MHz	16QAM	19125	36RB#18	20.33	19.27	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.36	19.30	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.76	21.70	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	21.54	20.48	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	21.93	20.87	33	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.37	20.31	33	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.30	20.24	33	PASS
Band2	20MHz	QPSK	18700	50RB#50	20.98	19.92	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.16	20.10	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	21.52	20.46	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.86	21.80	33	PASS

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Band2	20MHz	QPSK	18900	1RB#0	21.94	20.88	33	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.28	20.22	33	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.28	20.22	33	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.13	20.07	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.17	20.11	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.60	21.54	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	21.84	20.78	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.54	20.48	33	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.20	20.14	33	PASS
Band2	20MHz	QPSK	19100	50RB#50	20.98	19.92	33	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.28	20.22	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.13	20.07	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	20.39	19.33	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.03	19.97	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	20.32	19.26	33	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.37	19.31	33	PASS
Band2	20MHz	64QAM	18700	50RB#25	20.38	19.32	33	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.37	19.31	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.34	19.28	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	20.37	19.31	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	20.35	19.29	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	20.85	19.79	33	PASS
Band2	20MHz	64QAM	18900	50RB#25	20.33	19.27	33	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.31	19.25	33	PASS
Band2	20MHz	64QAM	18900	50RB#0	20.36	19.30	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.35	19.29	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	20.70	19.64	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	20.31	19.25	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	20.36	19.30	33	PASS
Band2	20MHz	64QAM	19100	50RB#50	20.32	19.26	33	PASS
Band2	20MHz	64QAM	19100	50RB#0	20.31	19.25	33	PASS
Band2	20MHz	64QAM	19100	50RB#25	20.39	19.33	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.33	19.27	33	PASS

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Band2	20MHz	16QAM	18700	1RB#99	20.85	19.79	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	20.83	19.77	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	20.82	19.76	33	PASS
Band2	20MHz	16QAM	18700	50RB#0	20.30	19.24	33	PASS
Band2	20MHz	16QAM	18700	50RB#25	20.38	19.32	33	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.33	19.27	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.34	19.28	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	20.55	19.49	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	20.94	19.88	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	20.75	19.69	33	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.31	19.25	33	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.38	19.32	33	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.39	19.33	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.34	19.28	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	20.72	19.66	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	20.86	19.80	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	20.77	19.71	33	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.36	19.30	33	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.36	19.30	33	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.32	19.26	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.31	19.25	33	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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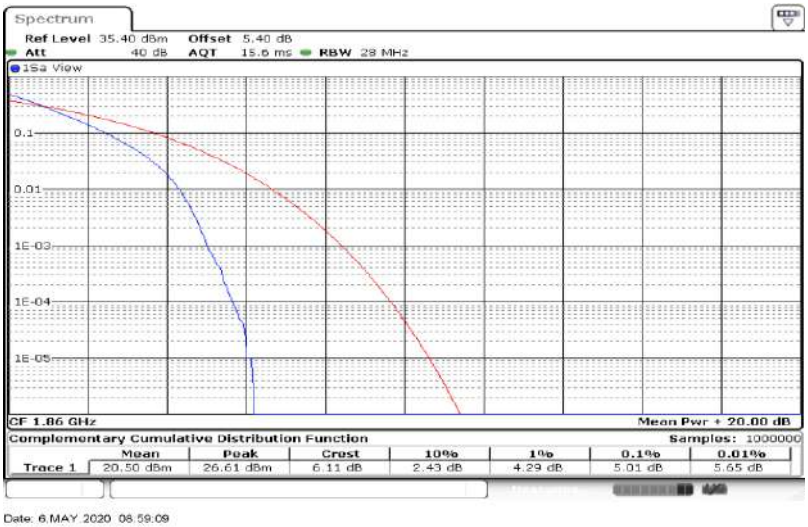
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.01	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.04	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.96	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.32	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.32	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.35	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.94	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.88	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.86	13	PASS

2.2. Test Plots

Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-18900-100RB#0

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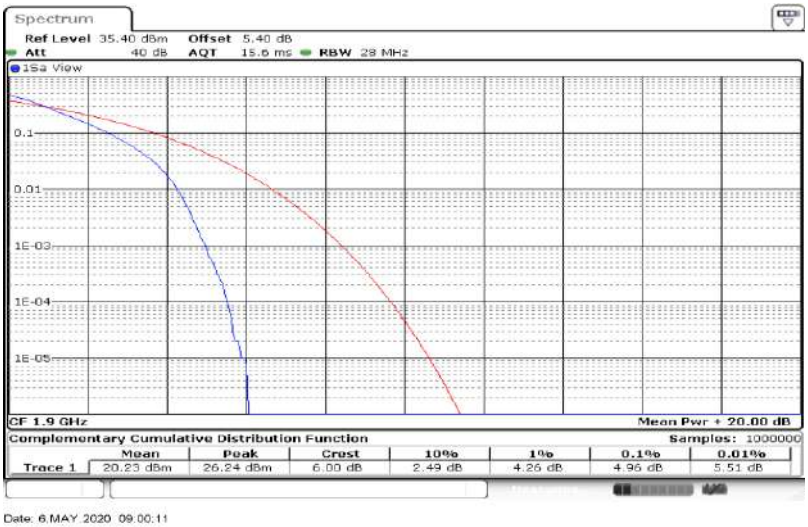
Band2-20MHz-QPSK-19100-100RB#0



Band2-20MHz-64QAM-18700-100RB#0

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Band2-20MHz-64QAM-18900-100RB#0

Band2-20MHz-64QAM-19100-100RB#0

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Band2-20MHz-16QAM-18700-100RB#0

Band2-20MHz-16QAM-18900-100RB#0

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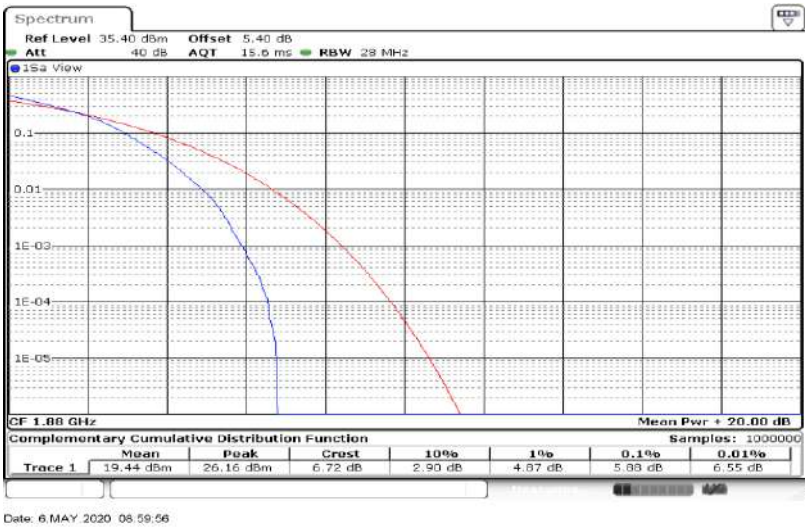
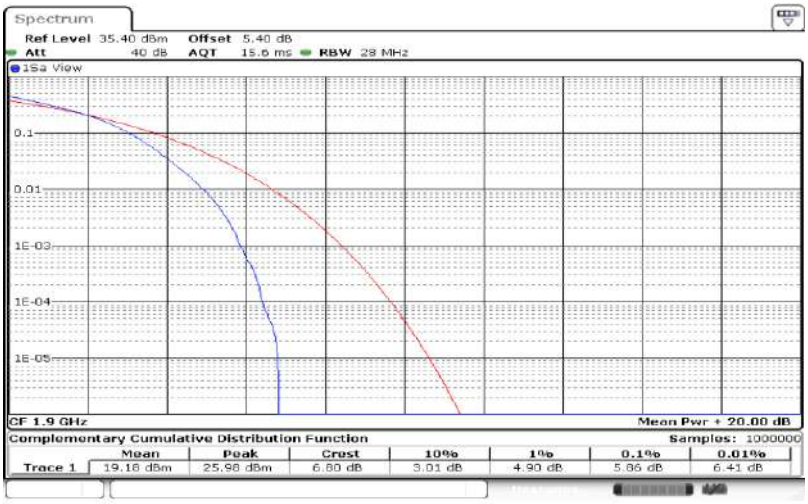


Date: 6.MAY.2020 08:59:56

Band2-20MHz-16QAM-19100-100RB#0



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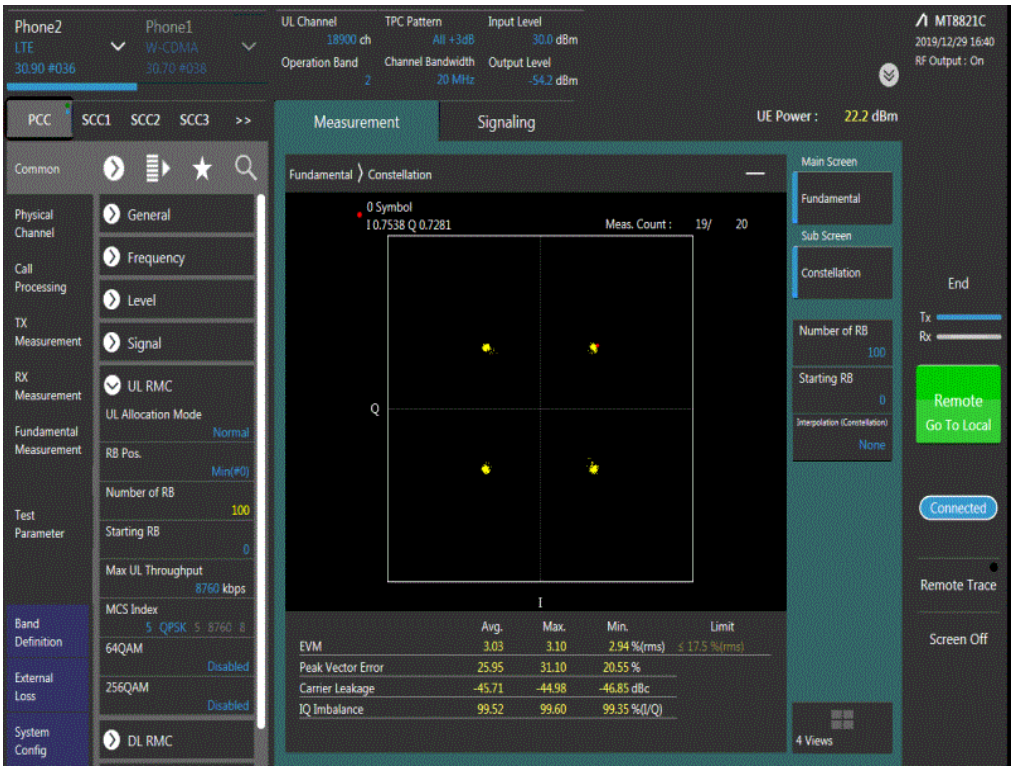
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



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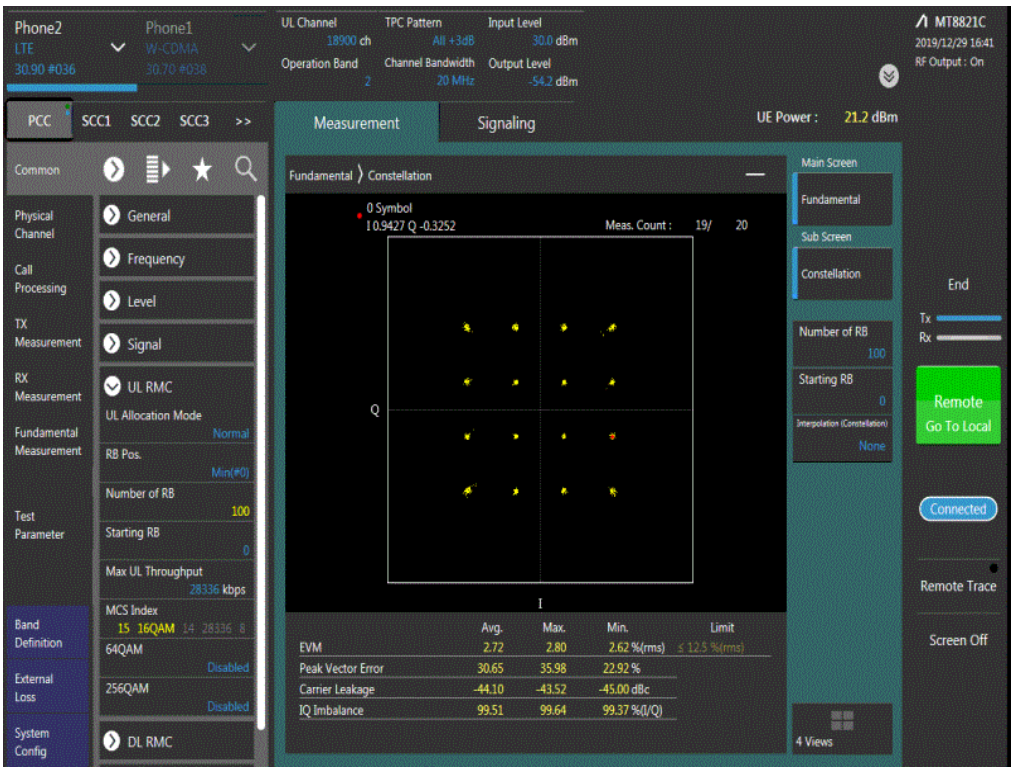
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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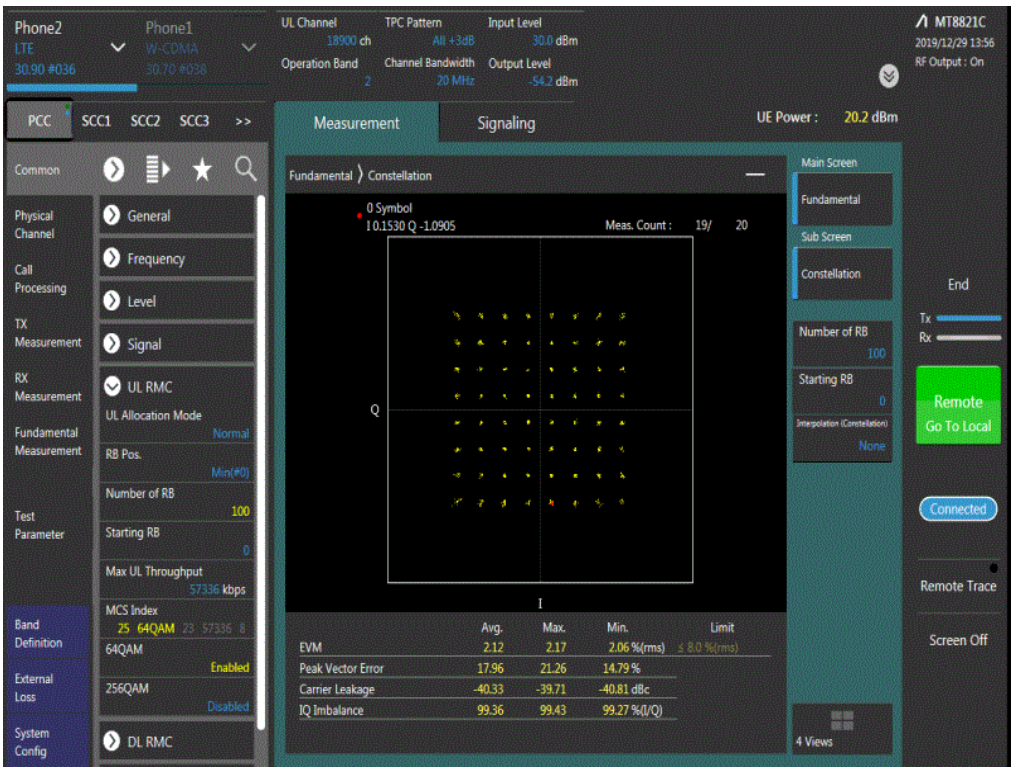
3.3. Test Mode = LTE /TM3 20MHz

3.3.1.Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.094	1.296	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.094	1.296	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.094	1.308	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.091	1.308	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.094	1.299	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.091	1.302	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.088	1.287	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.091	1.308	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.091	1.299	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	3.000	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.697	3.000	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.697	2.988	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.691	2.994	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.691	2.988	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.691	2.964	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.685	2.982	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.982	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.685	2.976	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.466	4.910	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.920	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.466	4.920	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.476	4.920	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.476	4.950	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.476	4.950	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.486	4.980	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.476	4.960	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.486	4.980	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.911	9.680	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.931	9.740	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.911	9.680	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.931	9.780	PASS

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Band2	10MHz	64QAM	18900	50RB#0	8.911	9.780	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.911	9.820	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.931	9.780	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.740	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.911	9.760	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.427	14.730	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.427	14.760	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.397	14.670	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.397	14.700	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.427	14.730	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.397	14.730	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.397	14.700	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.427	14.790	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.427	14.700	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.822	19.400	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.862	19.480	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.822	19.360	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.862	19.360	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.822	19.320	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.862	19.440	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.862	19.400	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.862	19.400	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.862	19.400	PASS

4.2. Test Plots

Band2-1.4MHz-QPSK-18607-6RB#0-1.094

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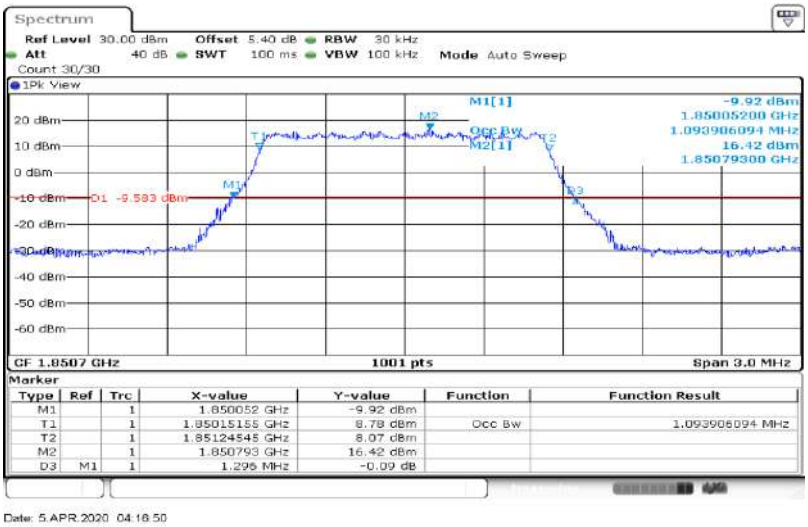
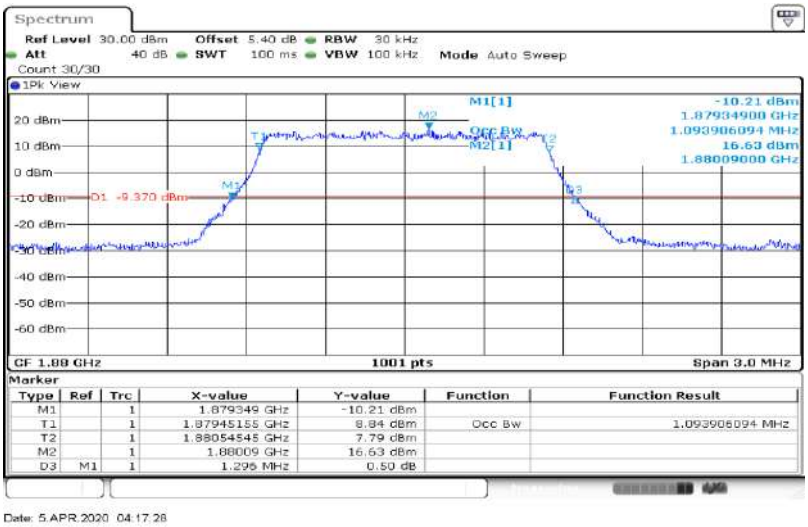


Band2-1.4MHz-QPSK-18900-6RB#0-1.094



Band2-1.4MHz-QPSK-19193-6RB#0-1.094

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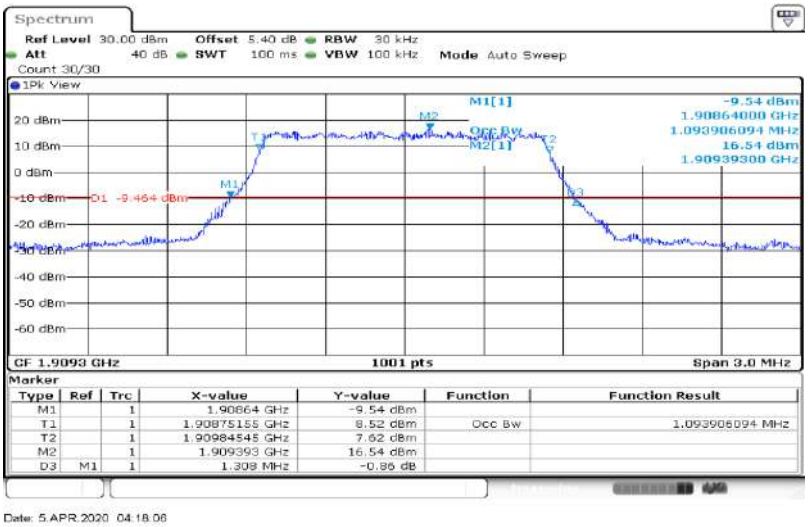

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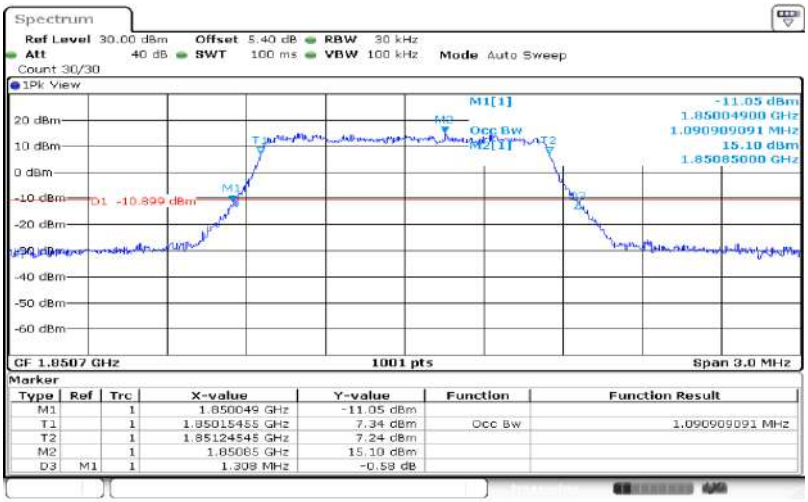
Band2-1.4MHz-64QAM-18607-6RB#0-1.091



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Band2-1.4MHz-64QAM-18900-6RB#0-1.094

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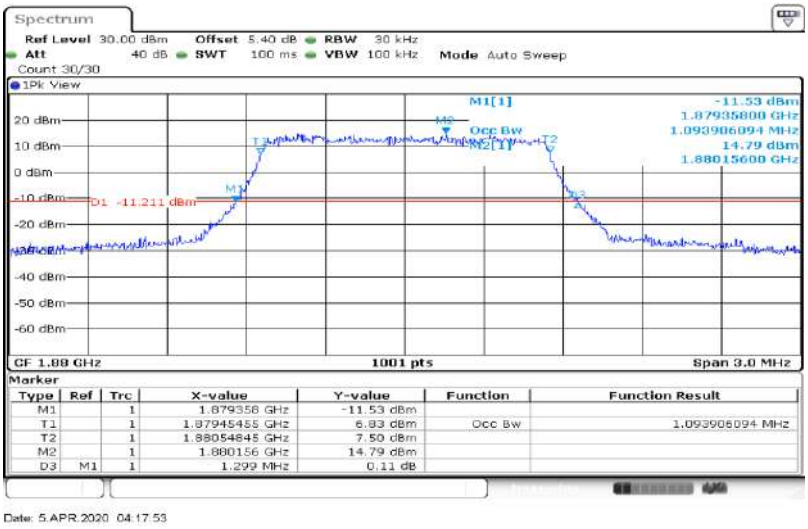
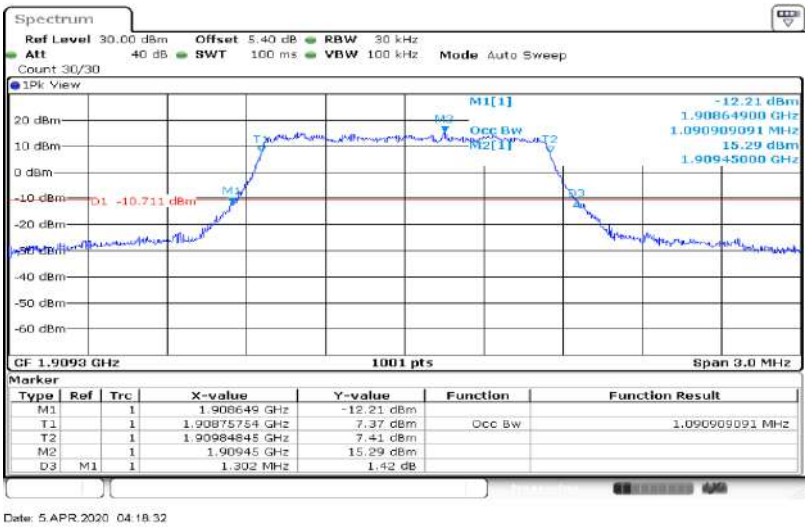


Band2-1.4MHz-64QAM-19193-6RB#0-1.091



Band2-1.4MHz-16QAM-18607-6RB#0-1.088

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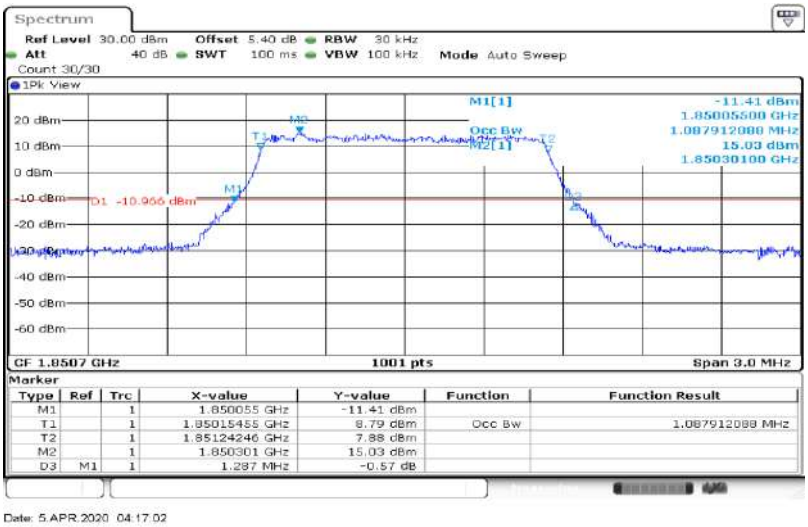
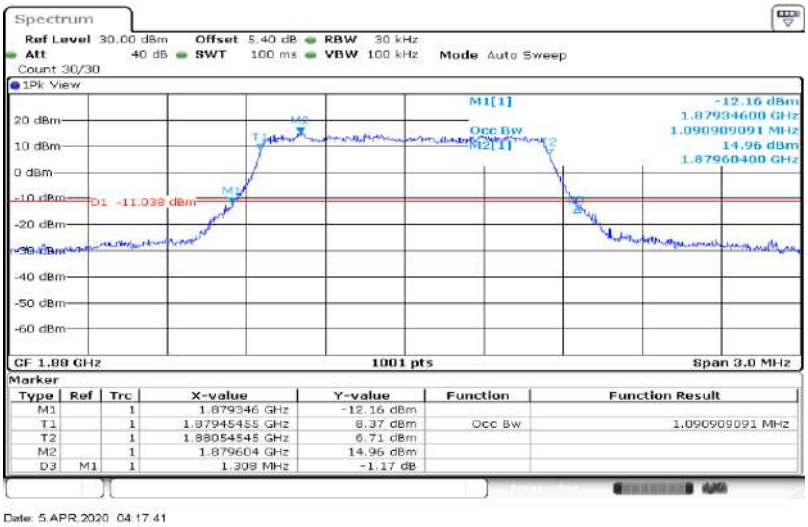


Band2-1.4MHz-16QAM-18900-6RB#0-1.091



Band2-1.4MHz-16QAM-19193-6RB#0-1.091

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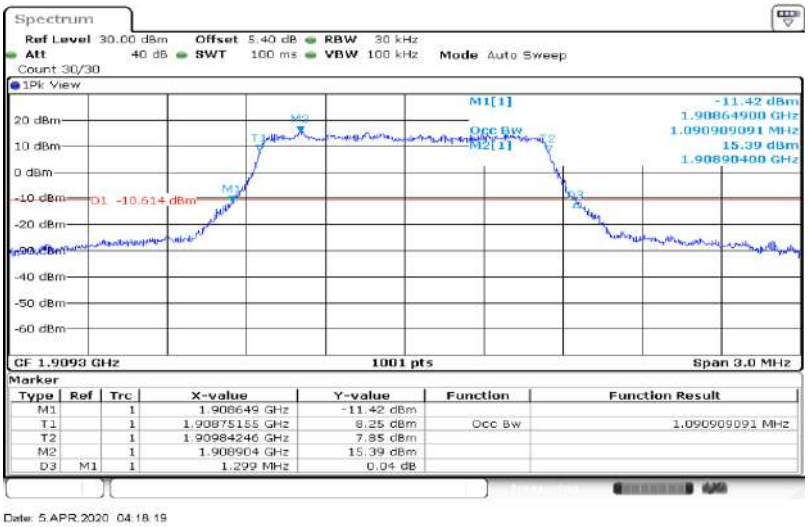
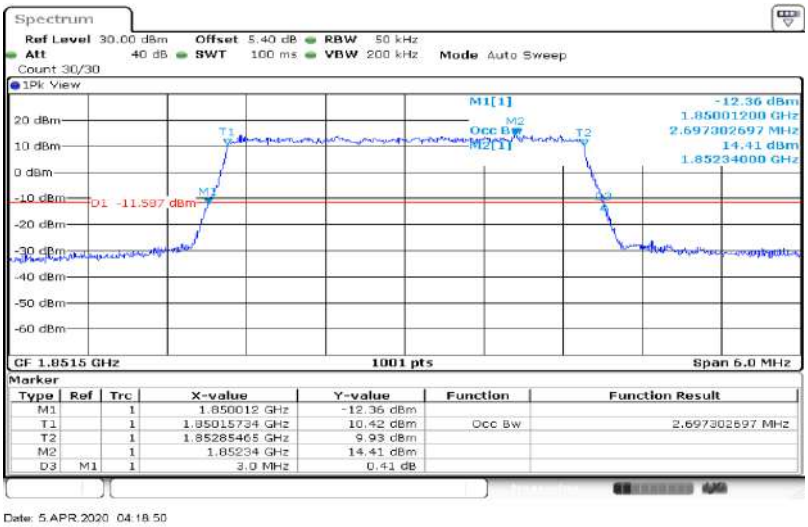


Band2-3MHz-QPSK-18615-15RB#0-2.697



Band2-3MHz-QPSK-18900-15RB#0-2.697

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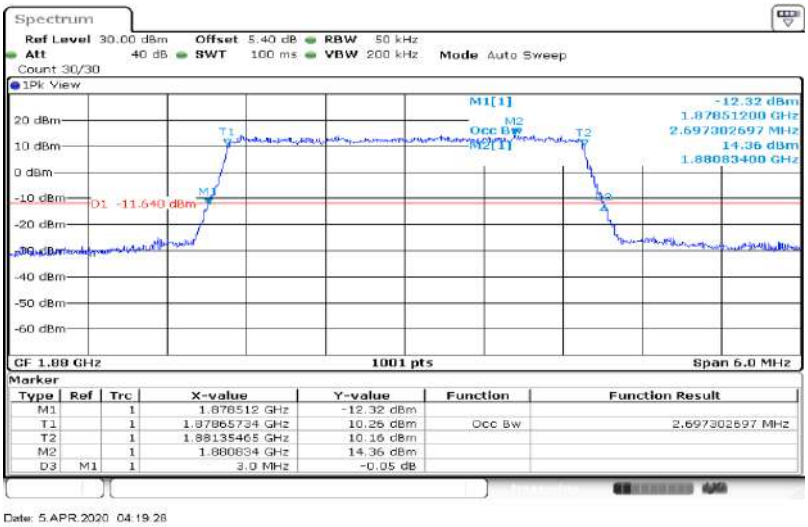

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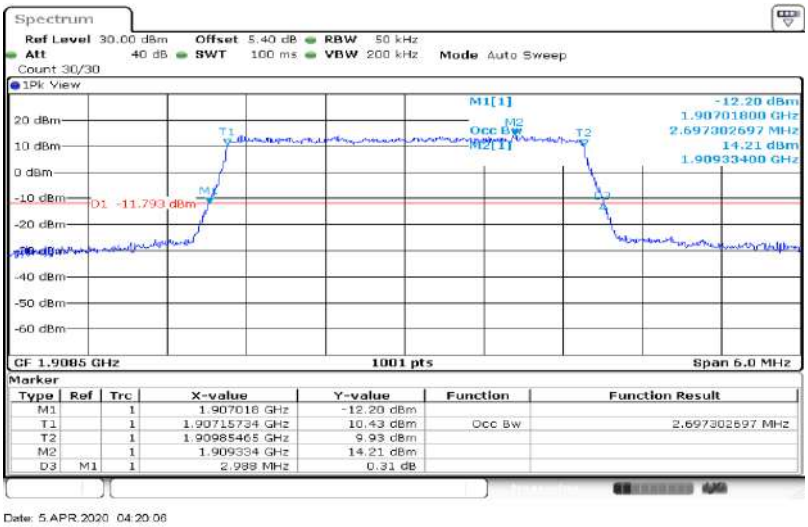

Band2-3MHz-64QAM-18615-15RB#0-2.691

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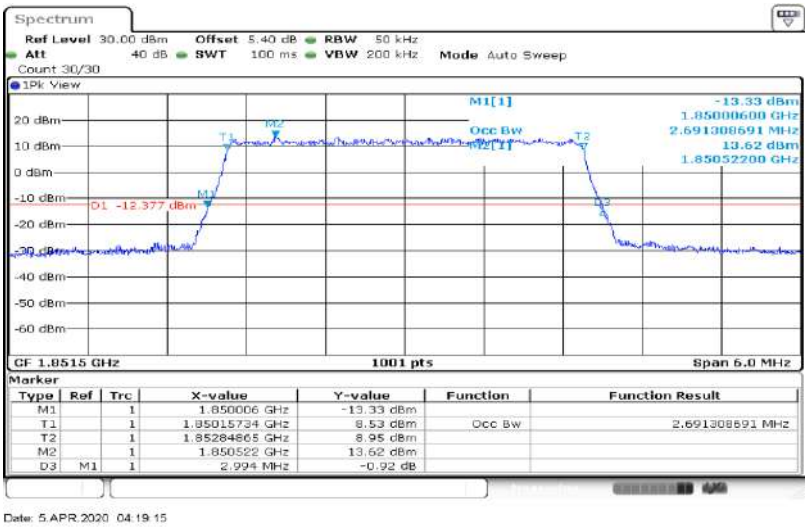

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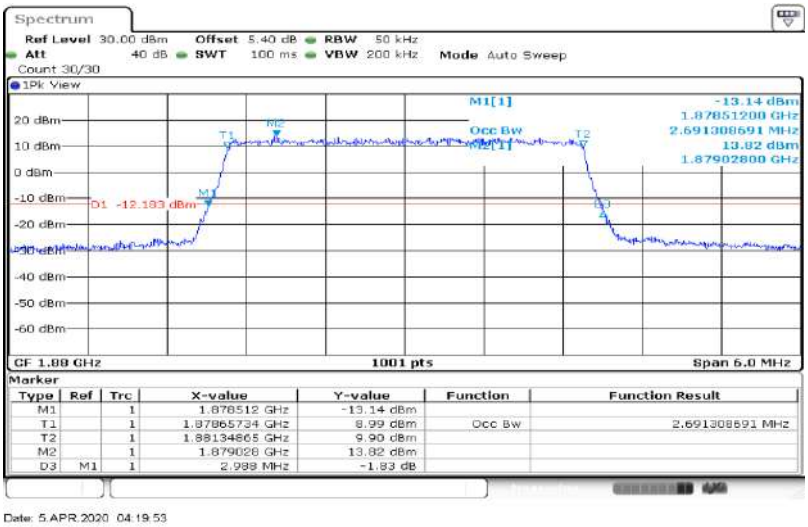

Band2-3MHz-64QAM-19185-15RB#0-2.691

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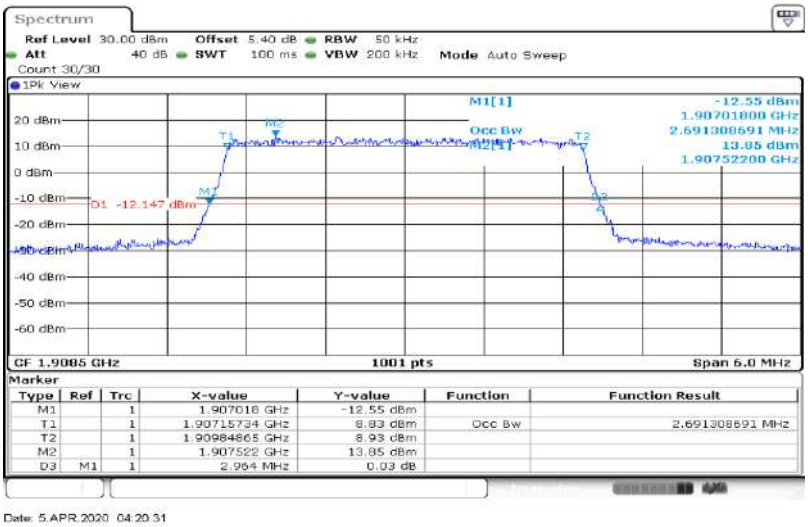
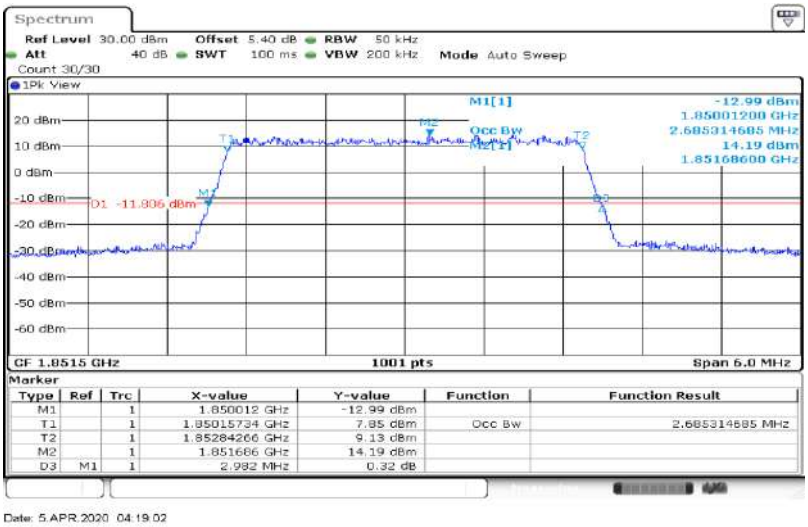


Band2-3MHz-16QAM-18615-15RB#0-2.685



Band2-3MHz-16QAM-18900-15RB#0-2.685

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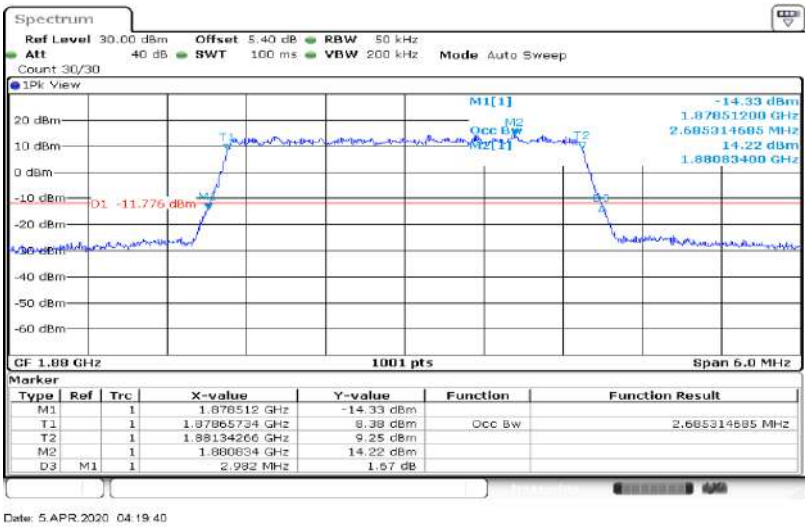

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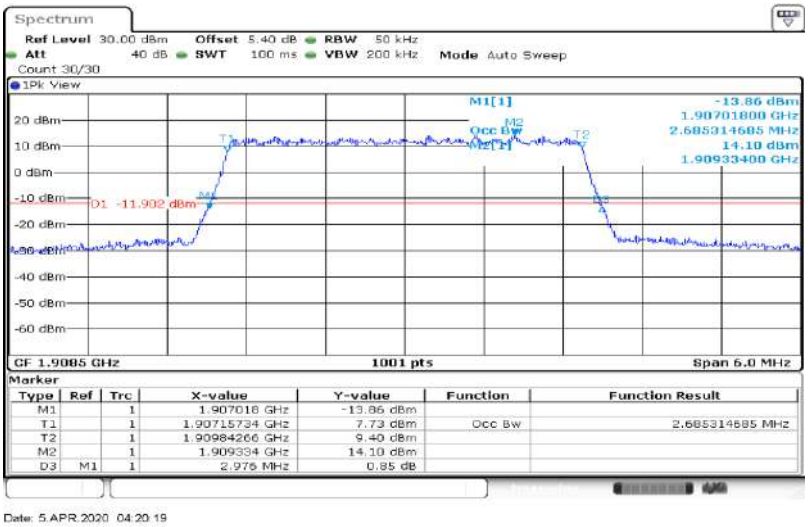

Band2-5MHz-QPSK-18625-25RB#0-4.466

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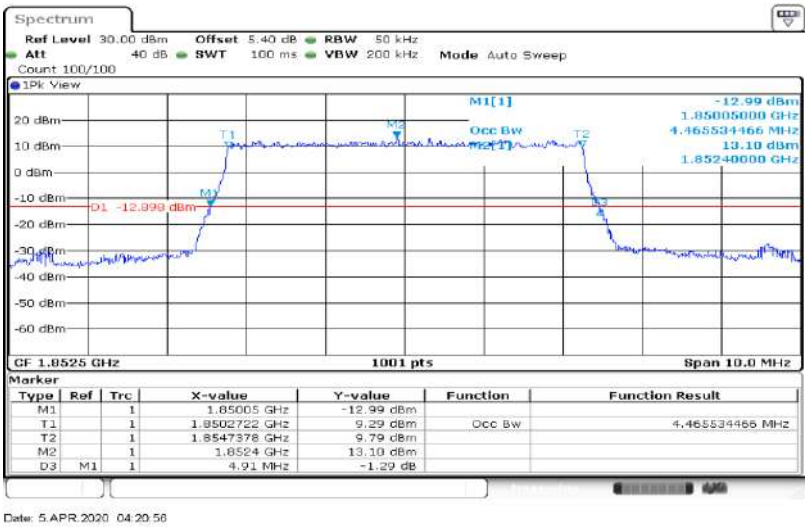
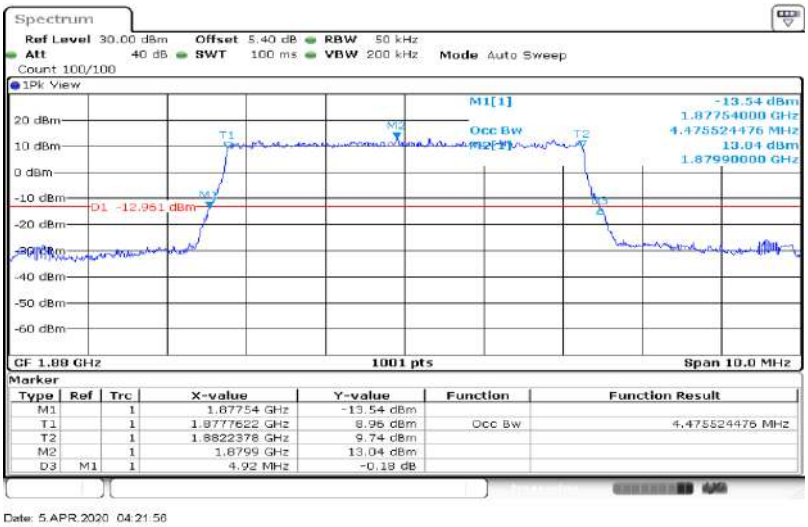


Band2-5MHz-QPSK-18900-25RB#0-4.476



Band2-5MHz-QPSK-19175-25RB#0-4.466

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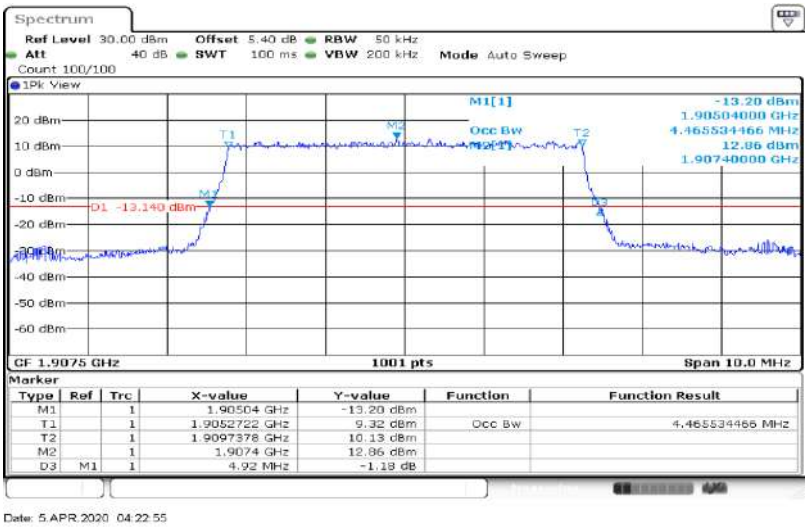
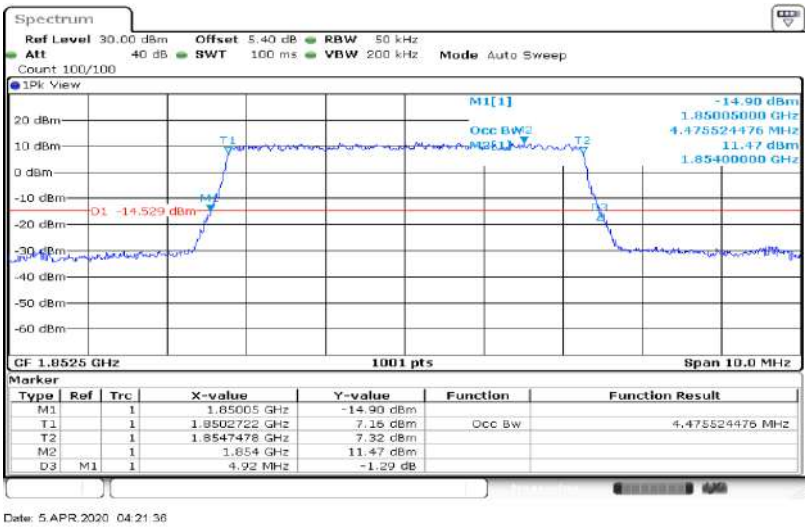


Band2-5MHz-64QAM-18625-25RB#0-4.476



Band2-5MHz-64QAM-18900-25RB#0-4.476

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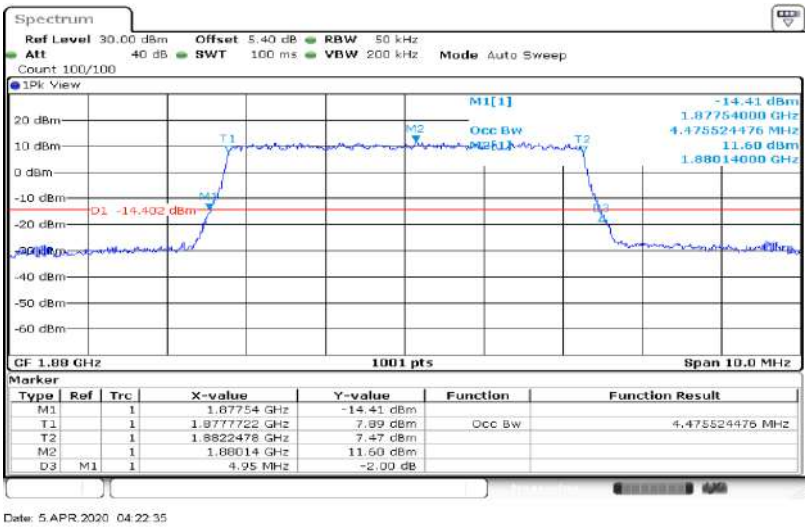

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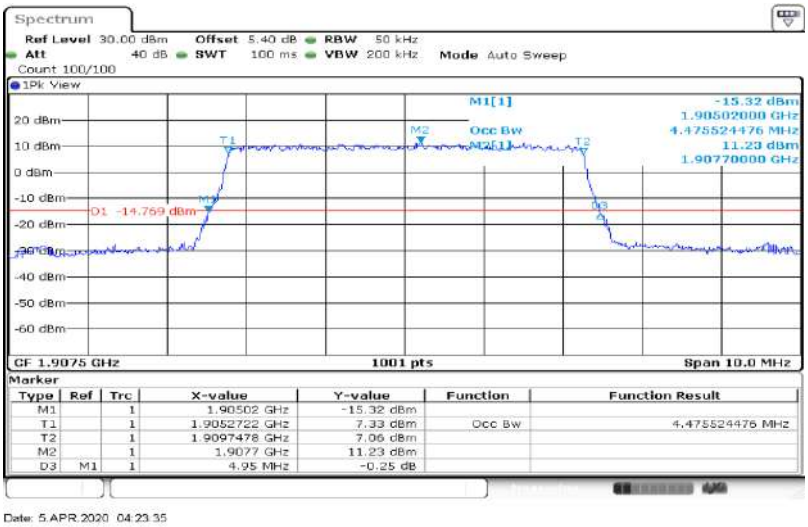

Band2-5MHz-16QAM-18625-25RB#0-4.486

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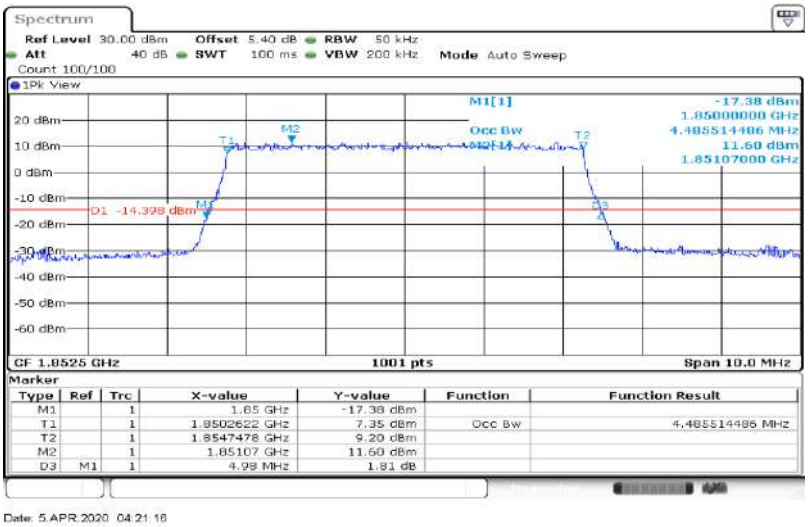
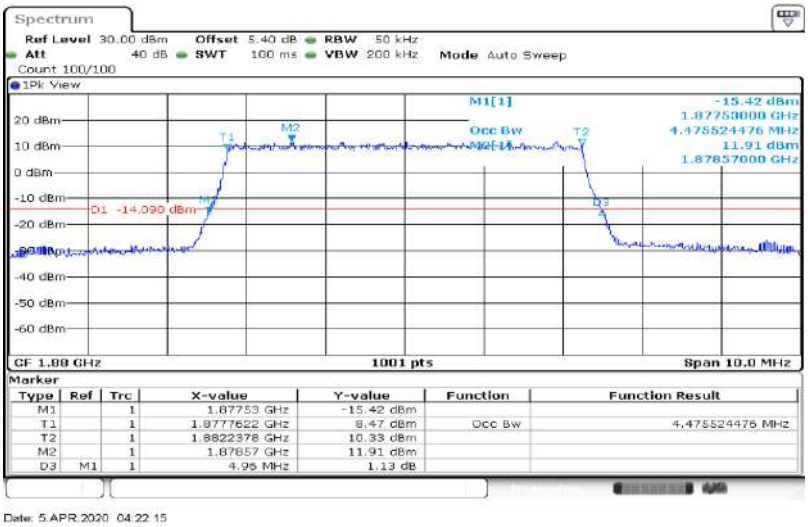


Band2-5MHz-16QAM-18900-25RB#0-4.476



Band2-5MHz-16QAM-19175-25RB#0-4.486

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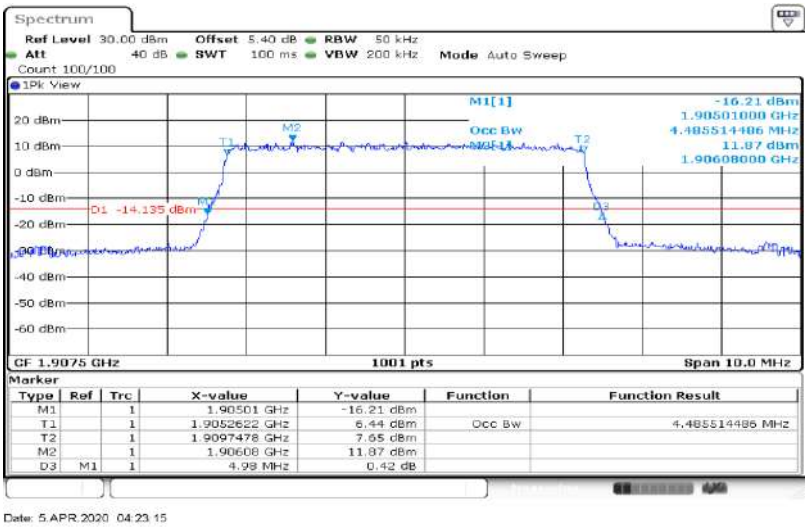
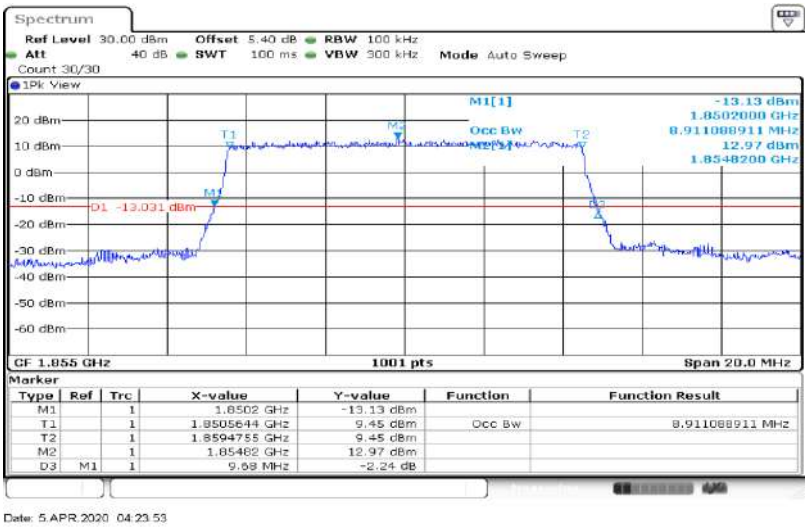


Band2-10MHz-QPSK-18650-50RB#0-8.911



Band2-10MHz-QPSK-18900-50RB#0-8.931

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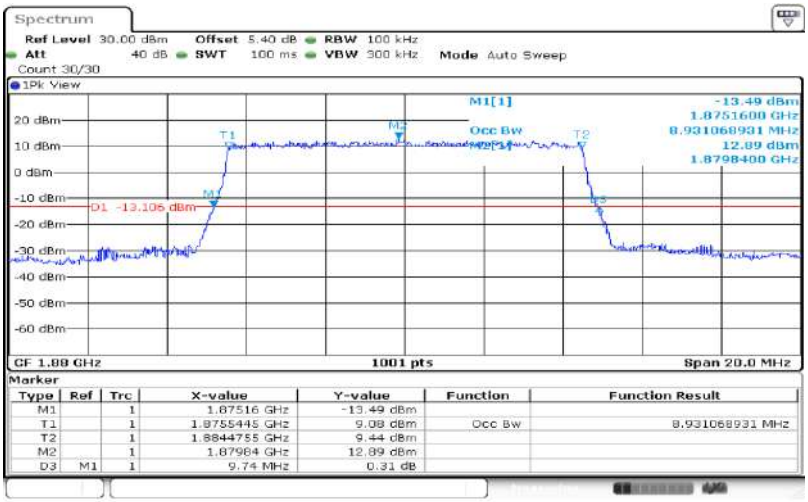

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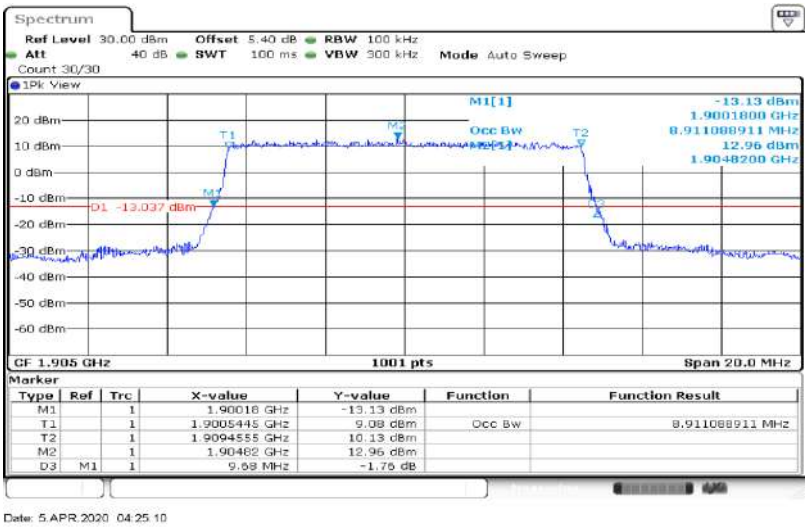

Band2-10MHz-64QAM-18650-50RB#0-8.931

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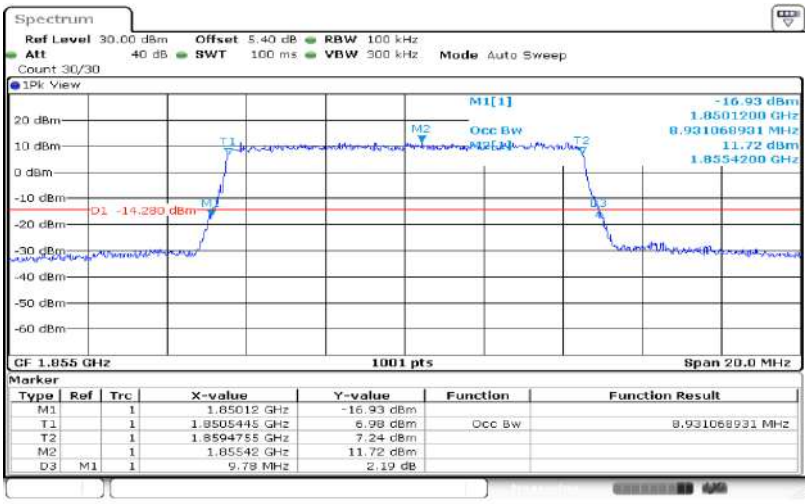

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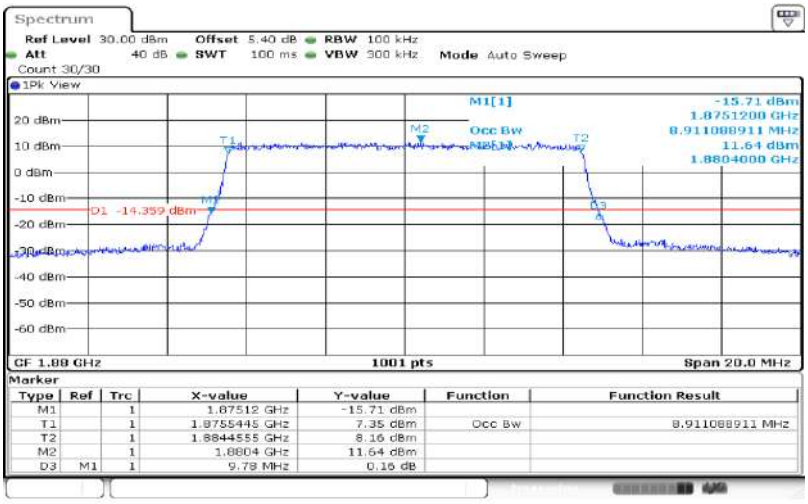

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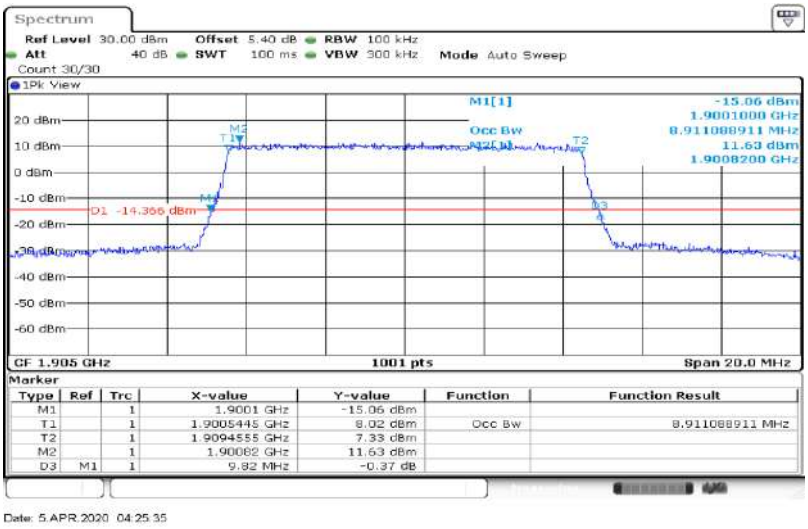
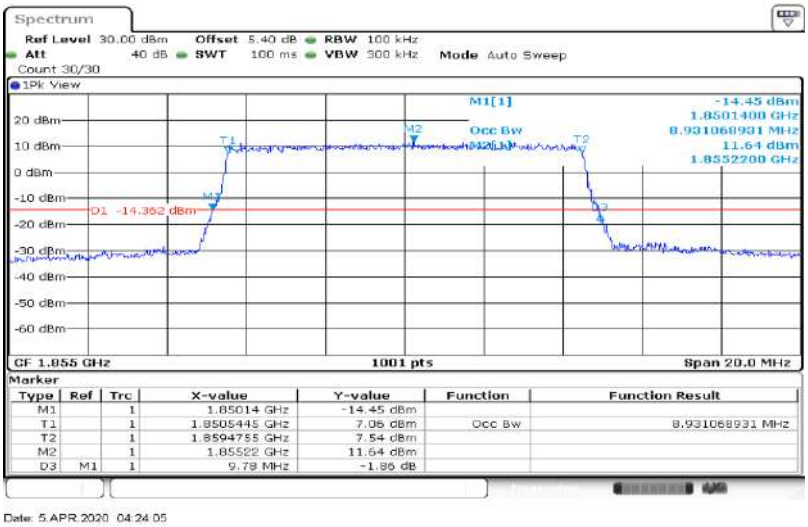


Band2-10MHz-16QAM-18650-50RB#0-8.931



Band2-10MHz-16QAM-18900-50RB#0-8.931

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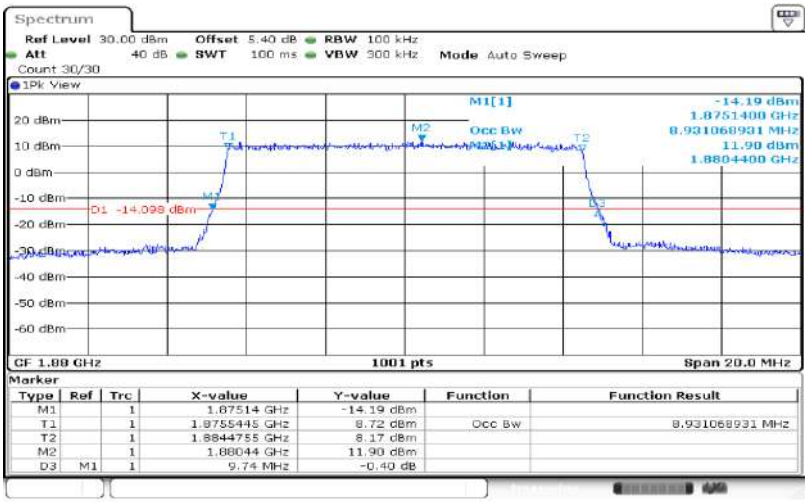
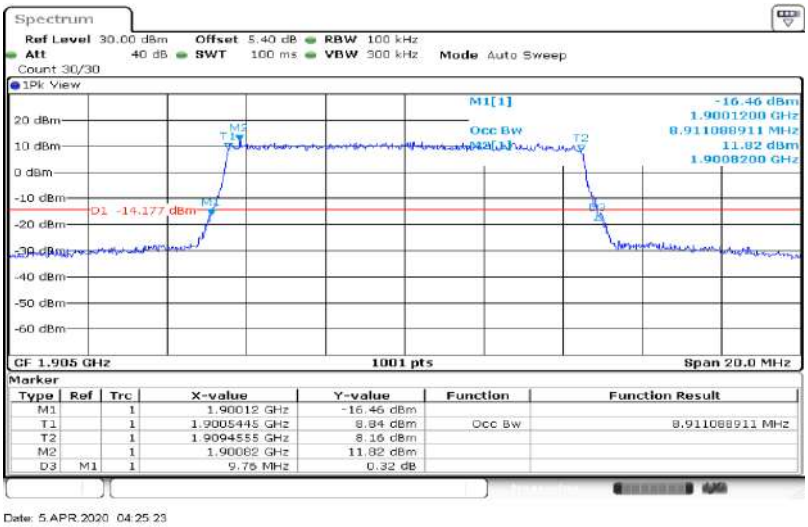


Band2-10MHz-16QAM-19150-50RB#0-8.911



Band2-15MHz-QPSK-18675-75RB#0-13.427

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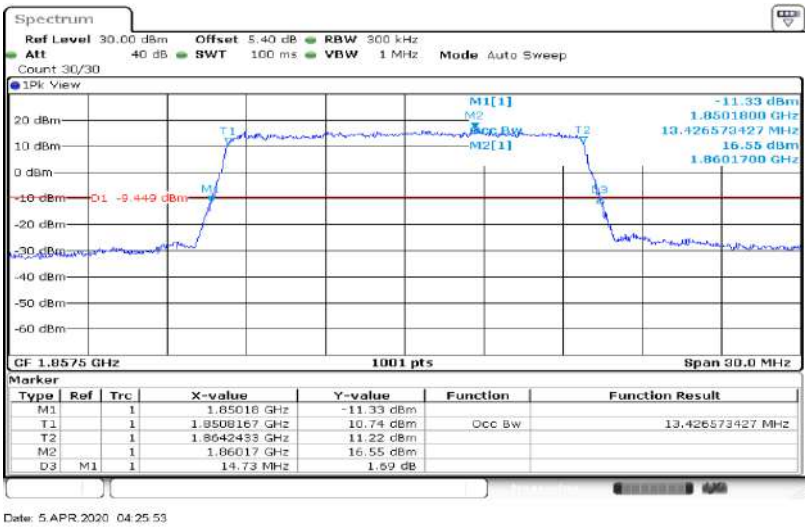
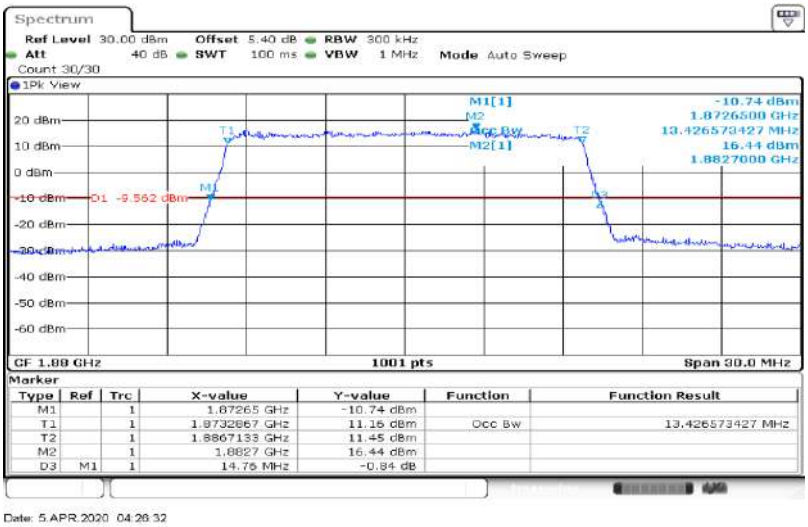


Band2-15MHz-QPSK-18900-75RB#0-13.427



Band2-15MHz-QPSK-19125-75RB#0-13.397

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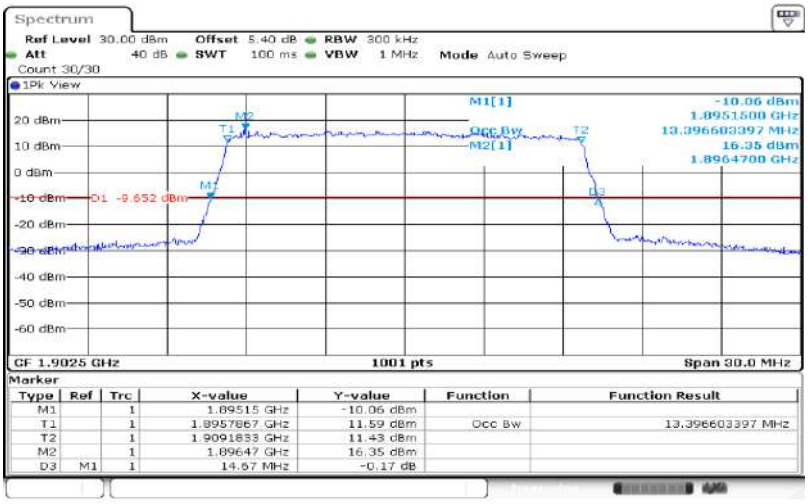
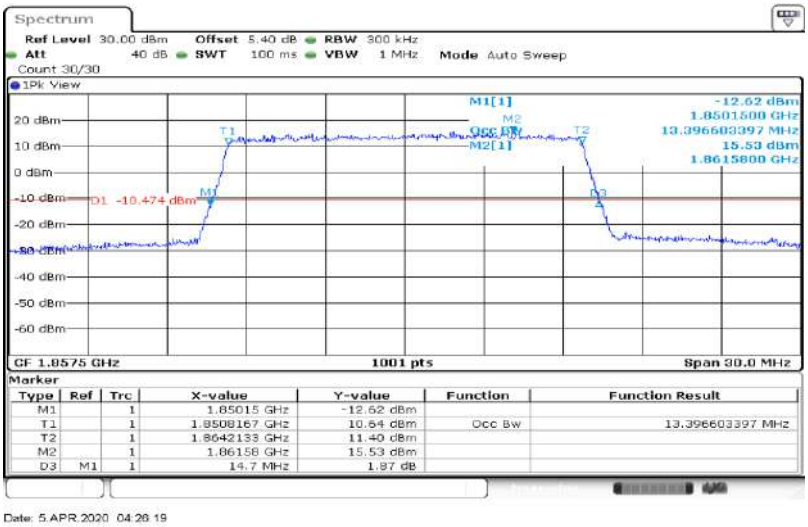


Band2-15MHz-64QAM-18675-75RB#0-13.397



Band2-15MHz-64QAM-18900-75RB#0-13.427

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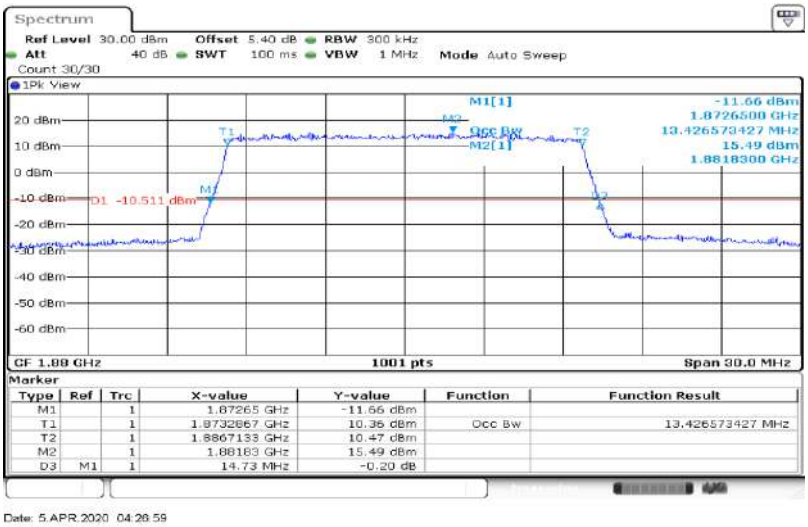
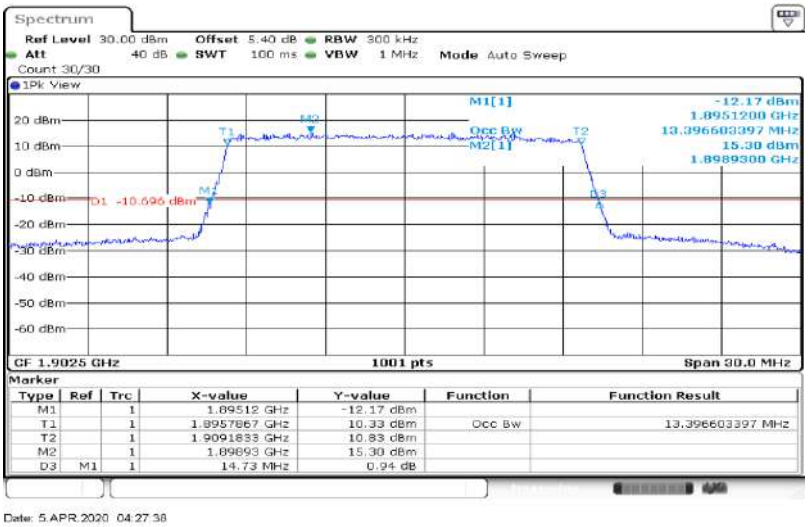


Band2-15MHz-64QAM-19125-75RB#0-13.397



Band2-15MHz-16QAM-18675-75RB#0-13.397

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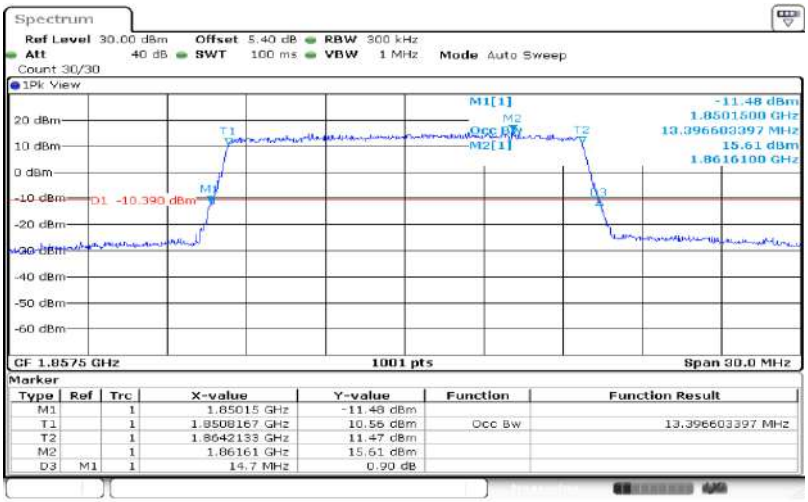
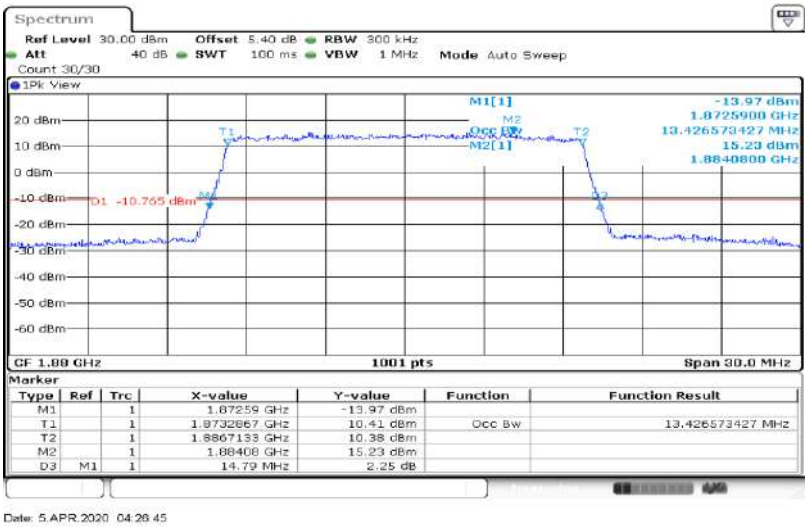


Band2-15MHz-16QAM-18900-75RB#0-13.427



Band2-15MHz-16QAM-19125-75RB#0-13.427

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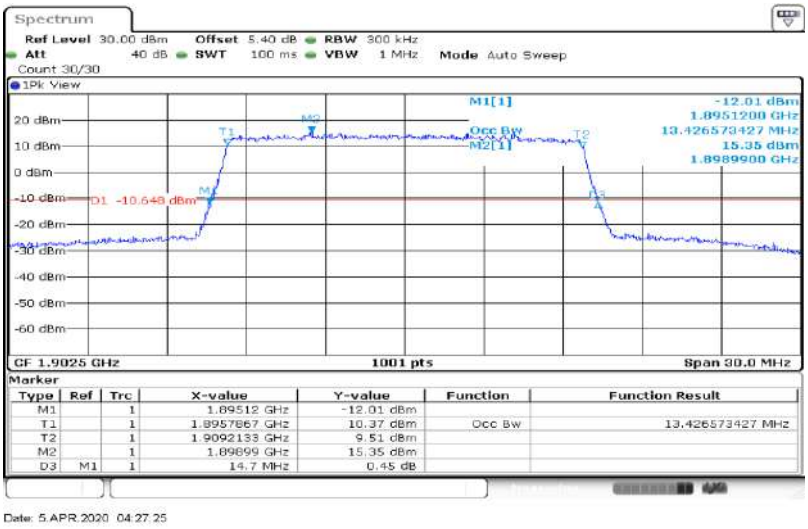
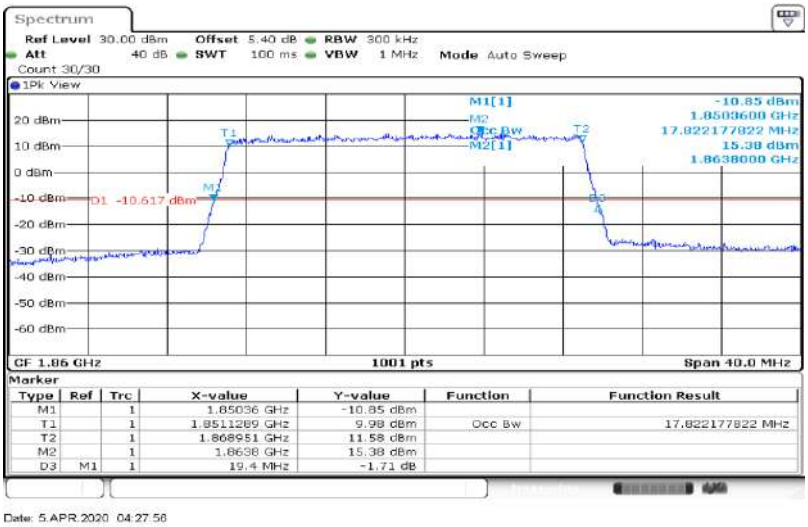


Band2-20MHz-QPSK-18700-100RB#0-17.822



Band2-20MHz-QPSK-18900-100RB#0-17.862

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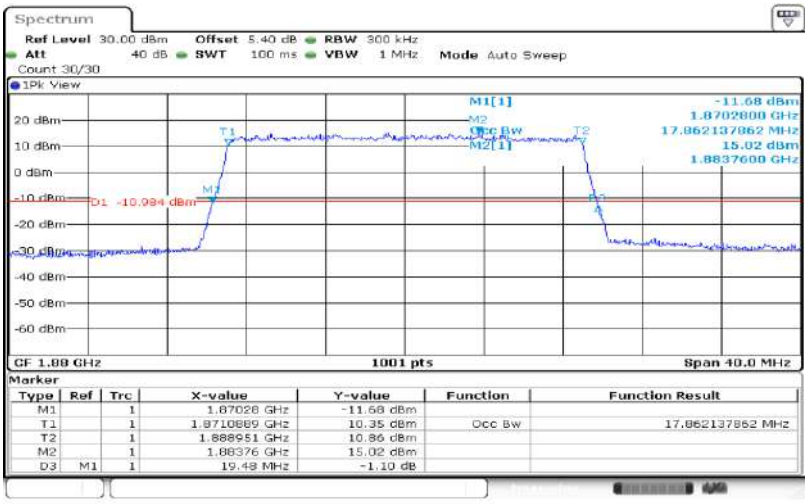
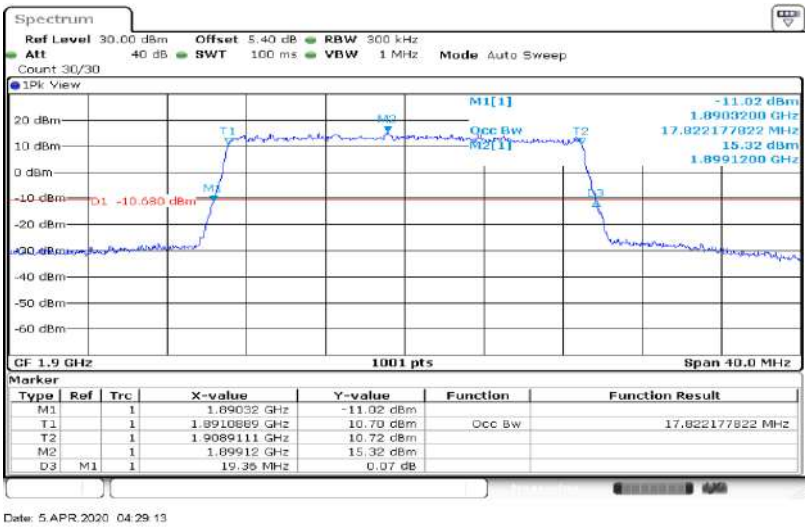


Band2-20MHz-QPSK-19100-100RB#0-17.822



Band2-20MHz-64QAM-18700-100RB#0-17.862

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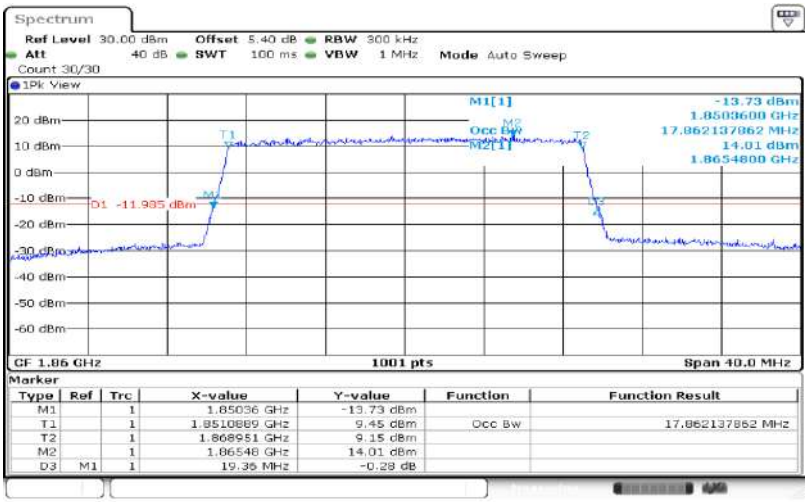

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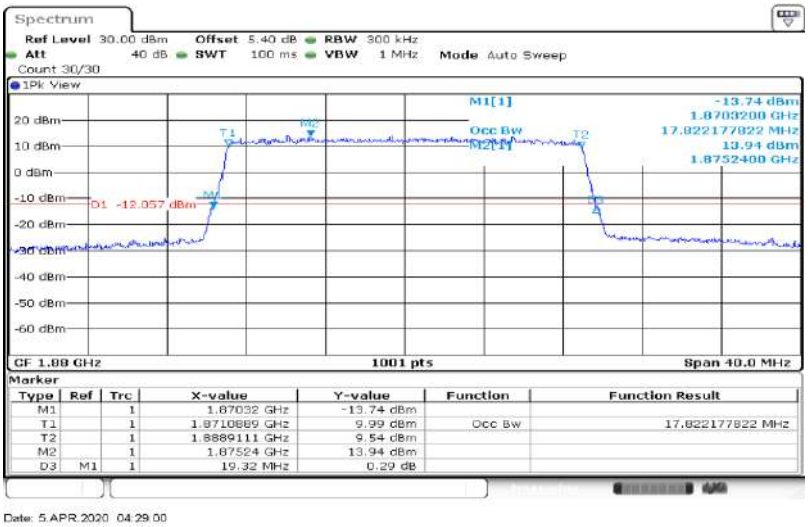

Band2-20MHz-64QAM-19100-100RB#0-17.862

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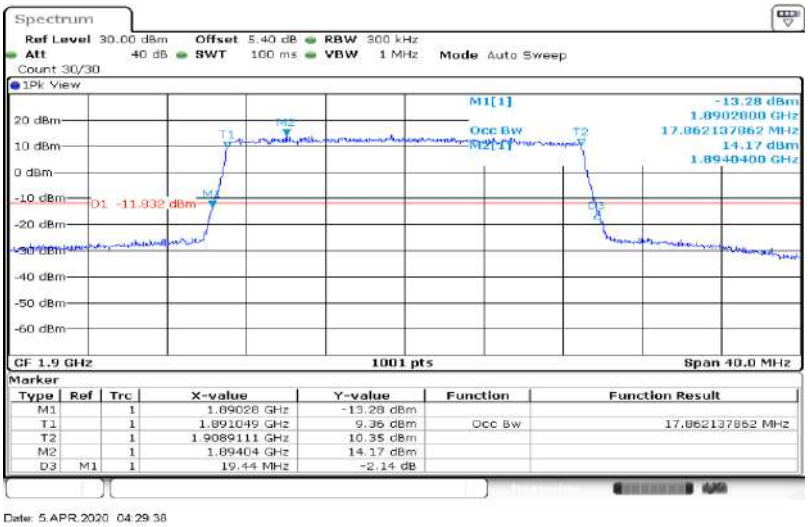
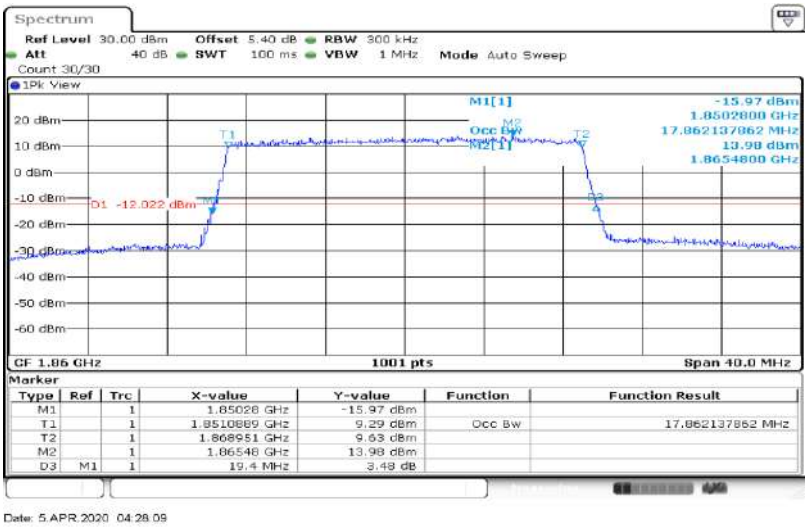


Band2-20MHz-16QAM-18700-100RB#0-17.862



Band2-20MHz-16QAM-18900-100RB#0-17.862

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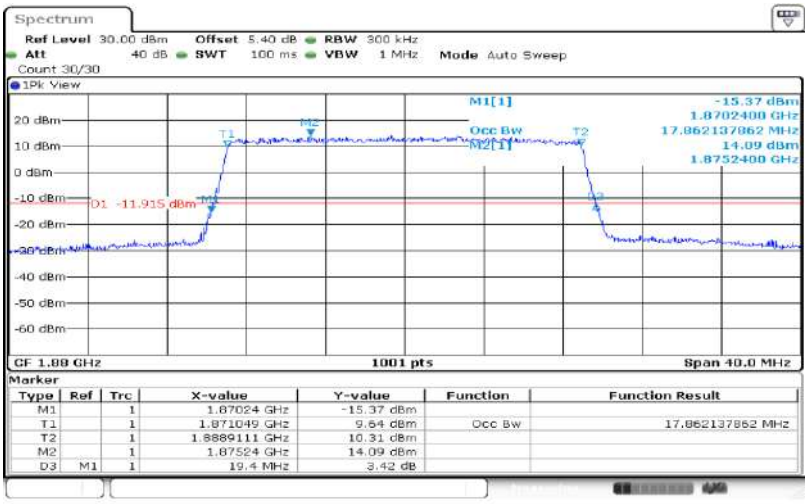
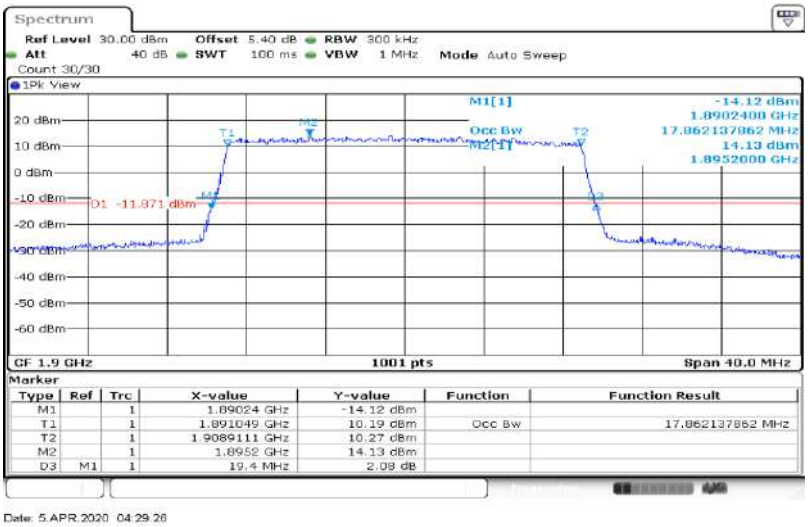


Band2-20MHz-16QAM-19100-100RB#0-17.862



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5. Band Edge Compliance

5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-17.98	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-25.74	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-17.42	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-24.63	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	-19.30	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	-27.36	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	-18.35	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	-25.52	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-19.36	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-26.43	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-18.84	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-25.37	PASS
Band2	3MHz	QPSK	18615	1RB#0	-17.48	PASS
Band2	3MHz	QPSK	18615	15RB#0	-28.67	PASS
Band2	3MHz	QPSK	19185	1RB#14	-16.88	PASS
Band2	3MHz	QPSK	19185	15RB#0	-27.66	PASS
Band2	3MHz	64QAM	18615	1RB#0	-19.14	PASS
Band2	3MHz	64QAM	18615	15RB#0	-29.27	PASS
Band2	3MHz	64QAM	19185	1RB#14	-18.05	PASS
Band2	3MHz	64QAM	19185	15RB#0	-29.04	PASS
Band2	3MHz	16QAM	18615	1RB#0	-19.32	PASS
Band2	3MHz	16QAM	18615	15RB#0	-29.76	PASS
Band2	3MHz	16QAM	19185	1RB#14	-18.60	PASS
Band2	3MHz	16QAM	19185	15RB#0	-28.25	PASS
Band2	5MHz	QPSK	18625	1RB#0	-22.56	PASS
Band2	5MHz	QPSK	18625	25RB#0	-31.98	PASS
Band2	5MHz	QPSK	19175	1RB#24	-22.70	PASS
Band2	5MHz	QPSK	19175	25RB#0	-30.66	PASS
Band2	5MHz	64QAM	18625	1RB#0	-24.66	PASS
Band2	5MHz	64QAM	18625	25RB#0	-32.91	PASS
Band2	5MHz	64QAM	19175	1RB#24	-23.62	PASS
Band2	5MHz	64QAM	19175	25RB#0	-31.85	PASS

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Band2	5MHz	16QAM	18625	1RB#0	-24.11	PASS
Band2	5MHz	16QAM	18625	25RB#0	-32.13	PASS
Band2	5MHz	16QAM	19175	1RB#24	-23.57	PASS
Band2	5MHz	16QAM	19175	25RB#0	-31.57	PASS
Band2	10MHz	QPSK	18650	1RB#0	-32.77	PASS
Band2	10MHz	QPSK	18650	50RB#0	-34.88	PASS
Band2	10MHz	QPSK	19150	1RB#49	-32.42	PASS
Band2	10MHz	QPSK	19150	50RB#0	-33.01	PASS
Band2	10MHz	64QAM	18650	1RB#0	-34.15	PASS
Band2	10MHz	64QAM	18650	50RB#0	-35.87	PASS
Band2	10MHz	64QAM	19150	1RB#49	-34.16	PASS
Band2	10MHz	64QAM	19150	50RB#0	-33.93	PASS
Band2	10MHz	16QAM	18650	1RB#0	-33.51	PASS
Band2	10MHz	16QAM	18650	50RB#0	-36.04	PASS
Band2	10MHz	16QAM	19150	1RB#49	-34.29	PASS
Band2	10MHz	16QAM	19150	50RB#0	-34.08	PASS
Band2	15MHz	QPSK	18675	1RB#0	-28.49	PASS
Band2	15MHz	QPSK	18675	75RB#0	-36.63	PASS
Band2	15MHz	QPSK	19125	1RB#74	-28.11	PASS
Band2	15MHz	QPSK	19125	75RB#0	-34.09	PASS
Band2	15MHz	64QAM	18675	1RB#0	-29.57	PASS
Band2	15MHz	64QAM	18675	75RB#0	-36.49	PASS
Band2	15MHz	64QAM	19125	1RB#74	-28.31	PASS
Band2	15MHz	64QAM	19125	75RB#0	-34.33	PASS
Band2	15MHz	16QAM	18675	1RB#0	-29.56	PASS
Band2	15MHz	16QAM	18675	75RB#0	-36.66	PASS
Band2	15MHz	16QAM	19125	1RB#74	-28.62	PASS
Band2	15MHz	16QAM	19125	75RB#0	-34.34	PASS
Band2	20MHz	QPSK	18700	1RB#0	-29.70	PASS
Band2	20MHz	QPSK	18700	100RB#0	-37.19	PASS
Band2	20MHz	QPSK	19100	1RB#99	-29.67	PASS
Band2	20MHz	QPSK	19100	100RB#0	-34.41	PASS
Band2	20MHz	64QAM	18700	1RB#0	-30.22	PASS
Band2	20MHz	64QAM	18700	100RB#0	-36.87	PASS
Band2	20MHz	64QAM	19100	1RB#99	-30.94	PASS
Band2	20MHz	64QAM	19100	100RB#0	-34.61	PASS
Band2	20MHz	16QAM	18700	1RB#0	-30.06	PASS
Band2	20MHz	16QAM	18700	100RB#0	-36.87	PASS

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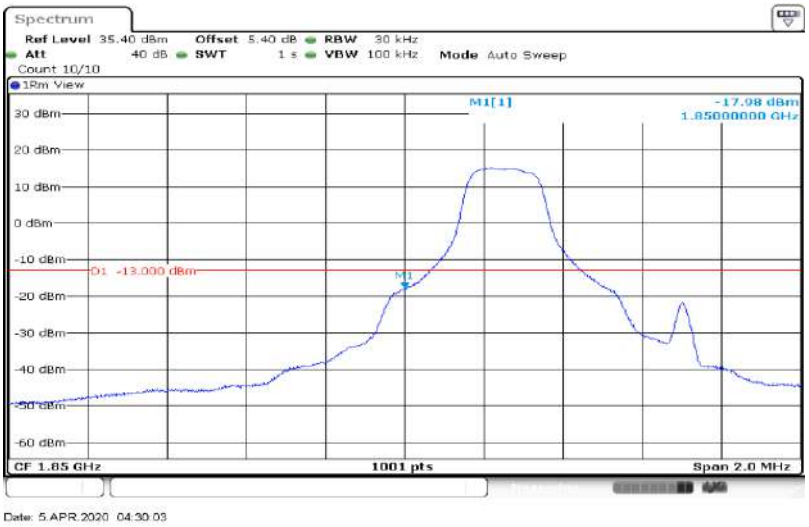
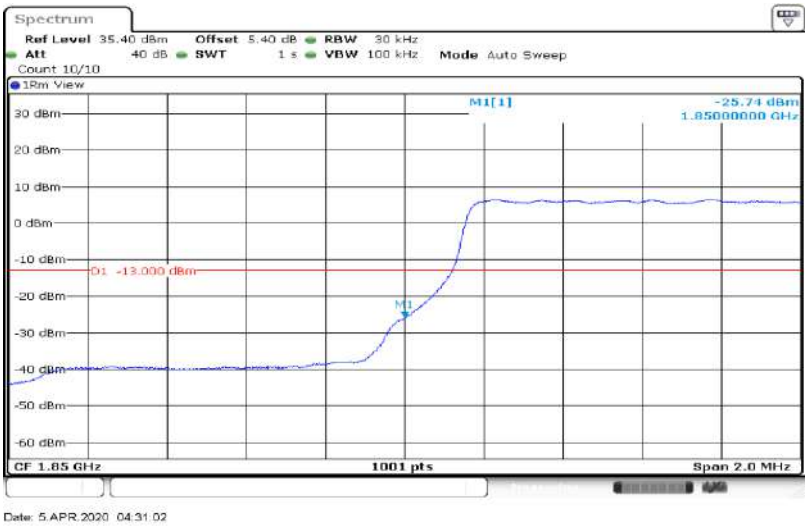
Band2	20MHz	16QAM	19100	1RB#99	-31.87	PASS
Band2	20MHz	16QAM	19100	100RB#0	-34.66	PASS

5.2. Test Plots

Band2-1.4MHz-QPSK-18607-1RB#0



Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-19193-1RB#5

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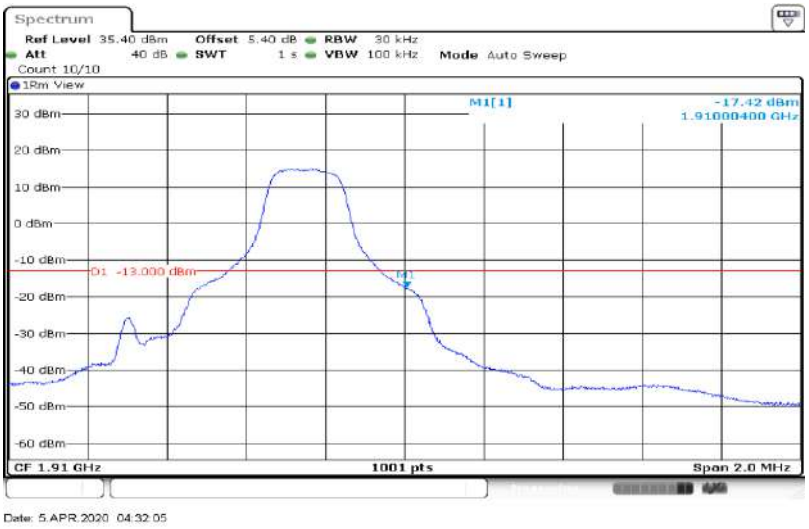

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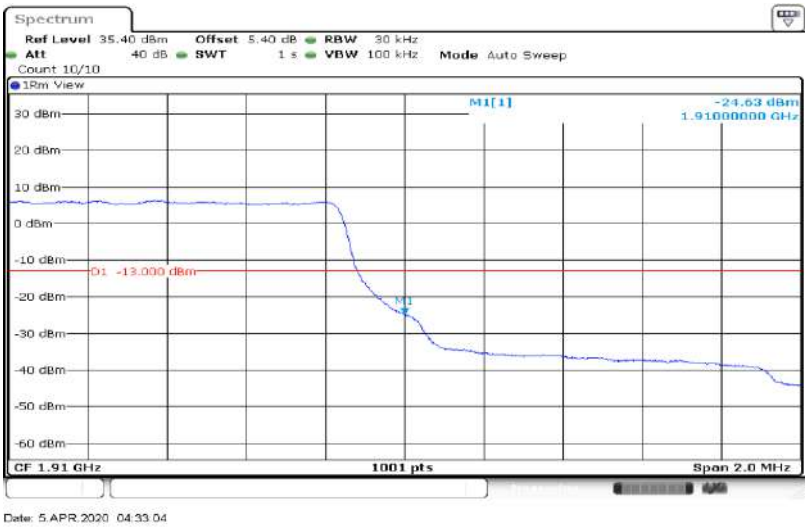

Band2-1.4MHz-64QAM-18607-1RB#0

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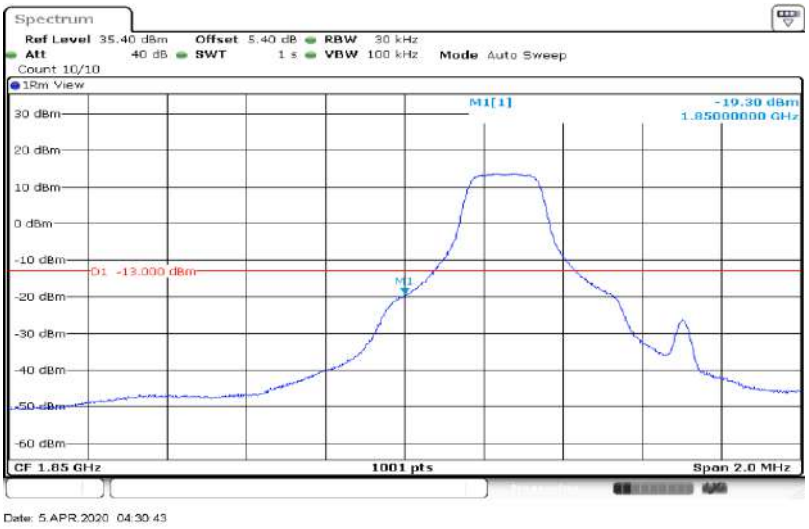

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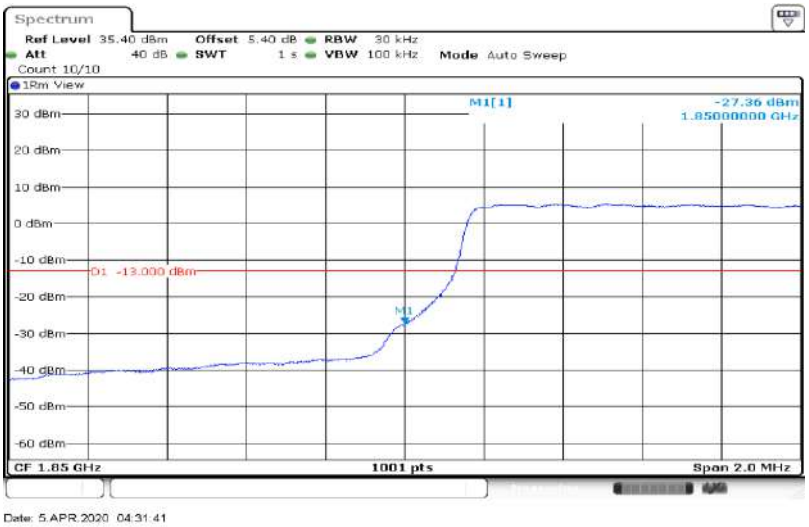

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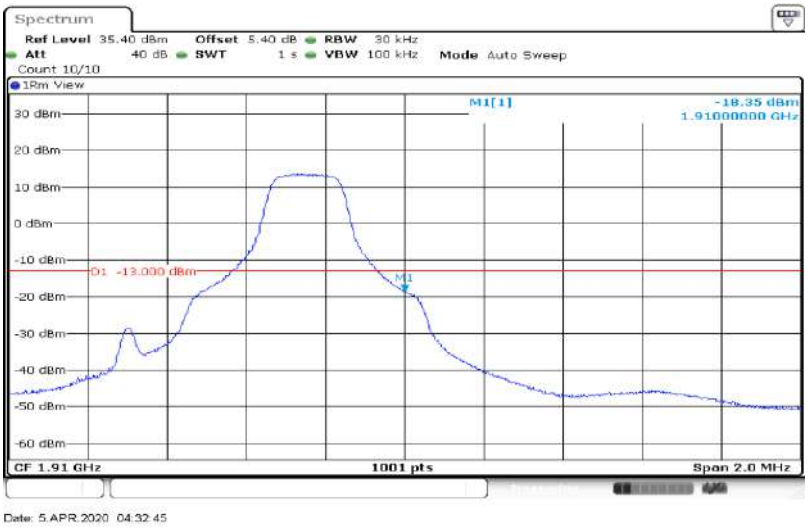

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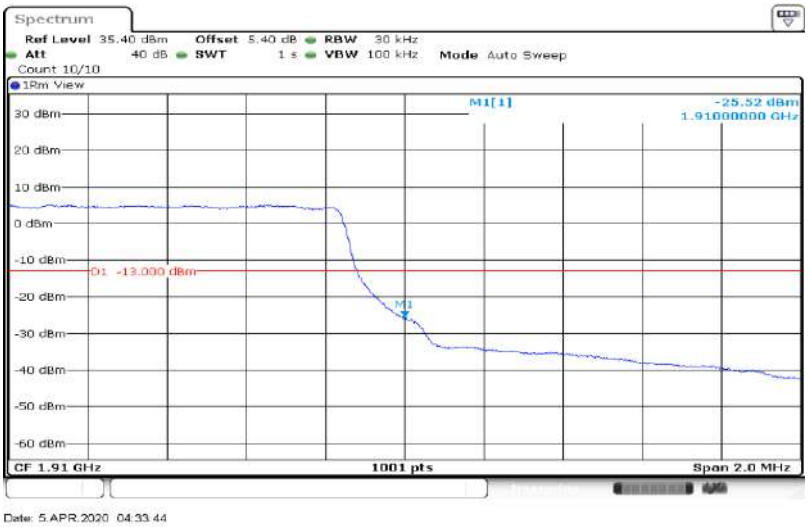

Band2-1.4MHz-16QAM-18607-1RB#0

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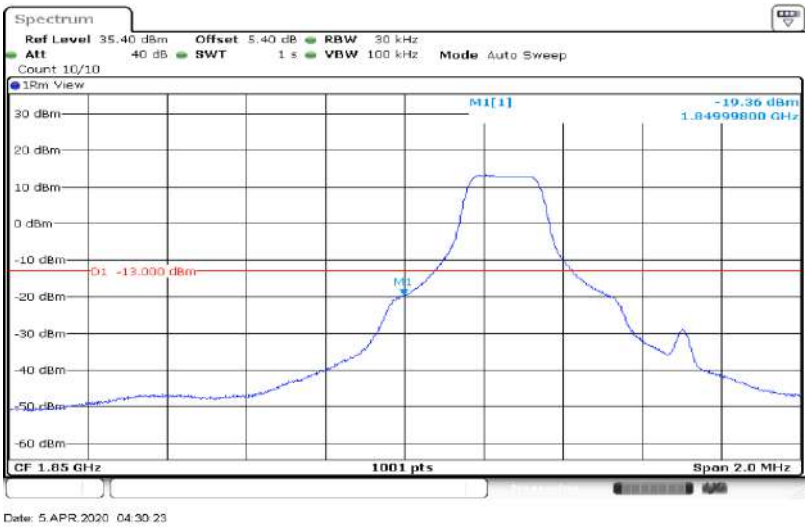

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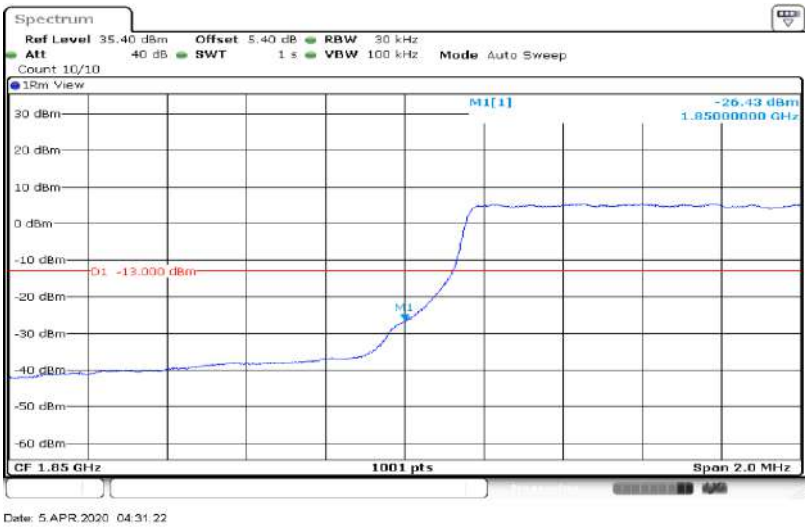

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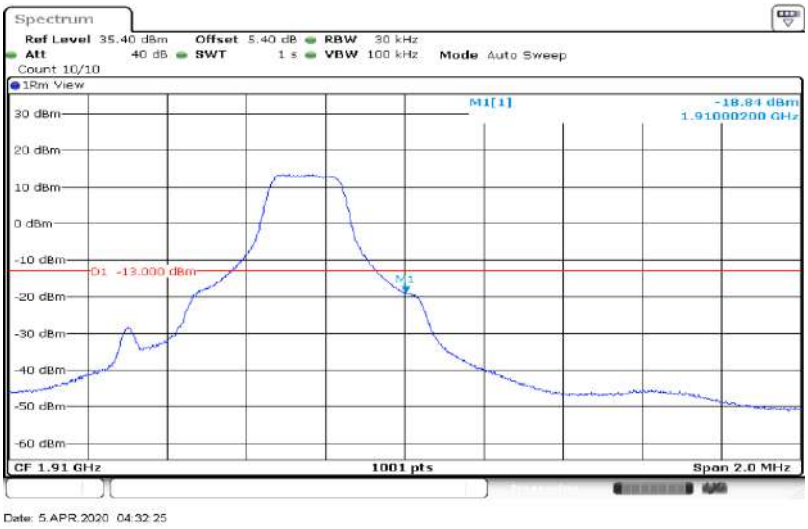

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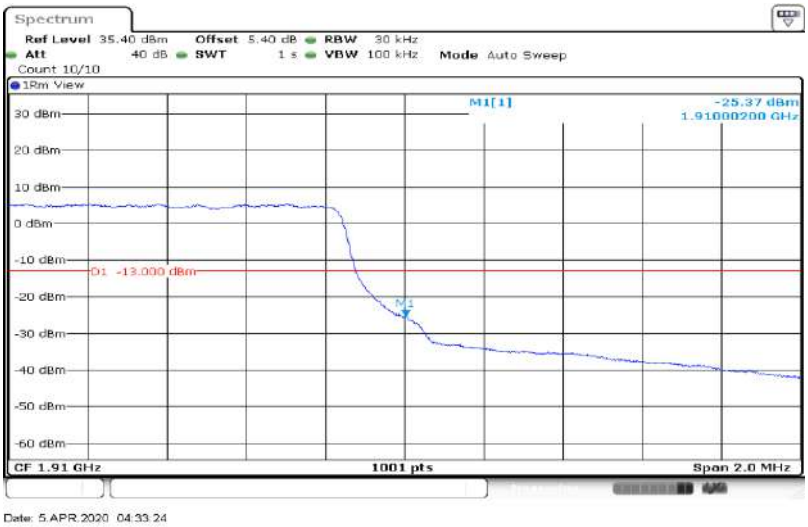

Band2-3MHz-QPSK-18615-1RB#0

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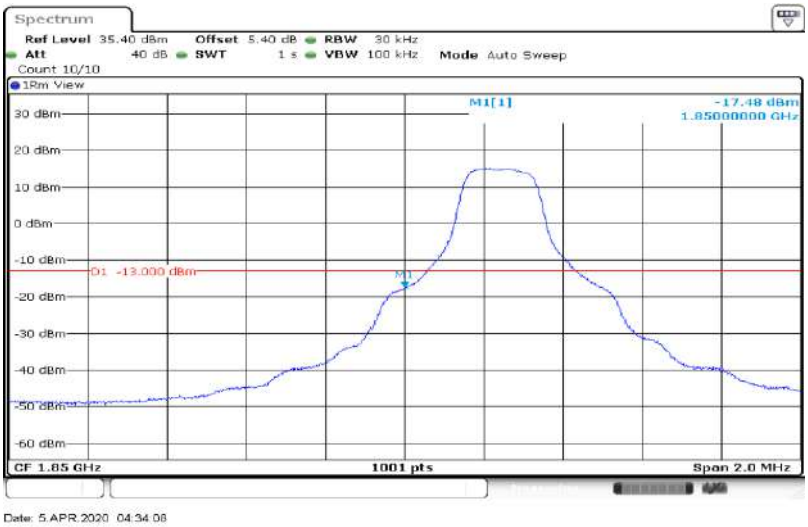

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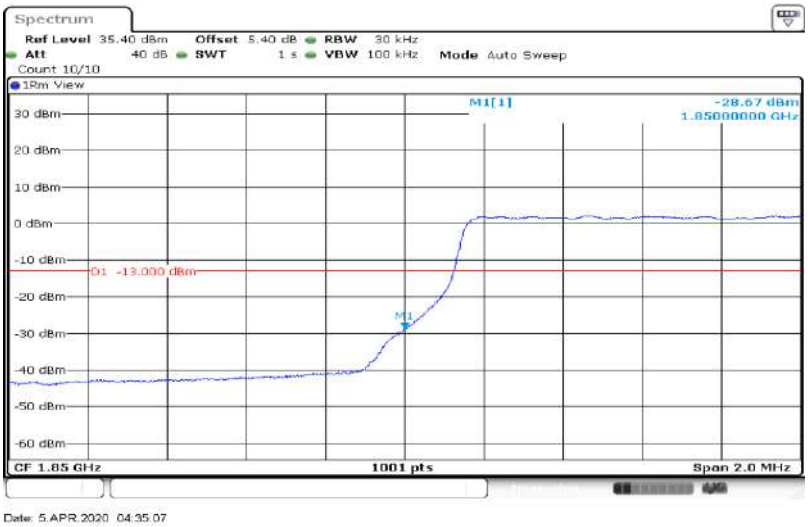

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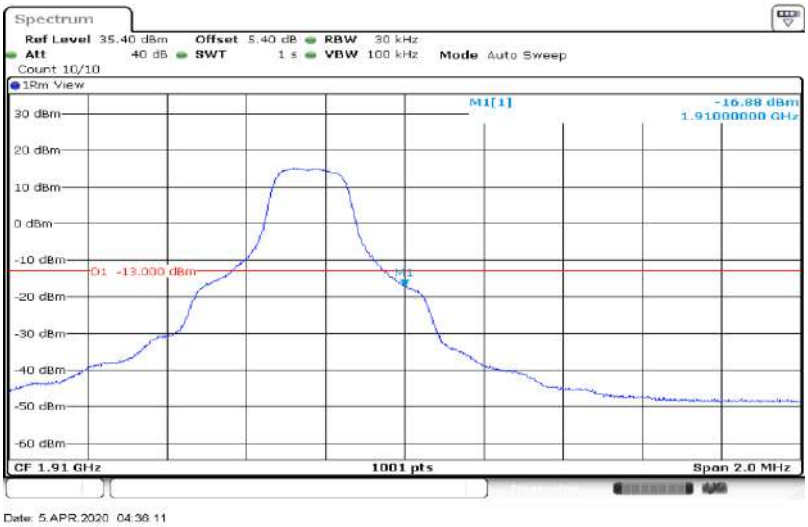

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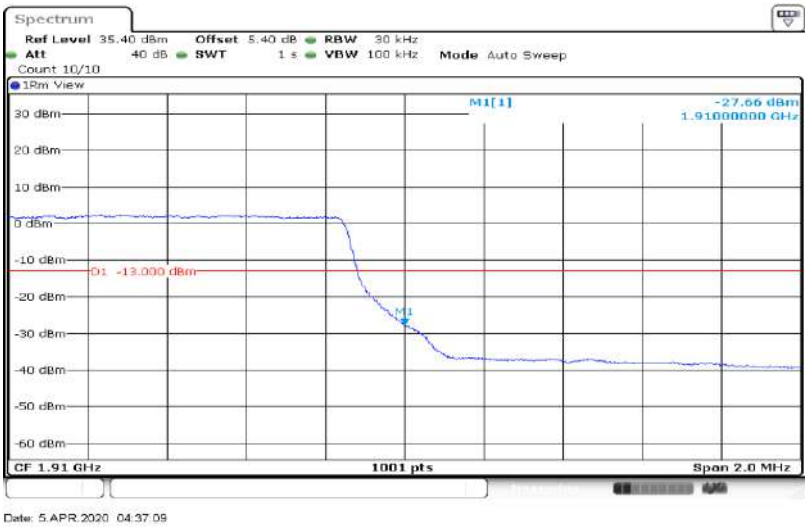

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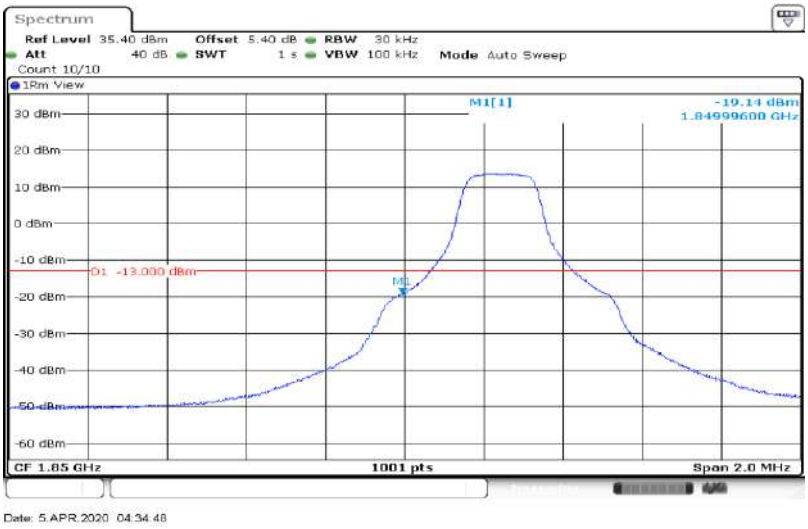

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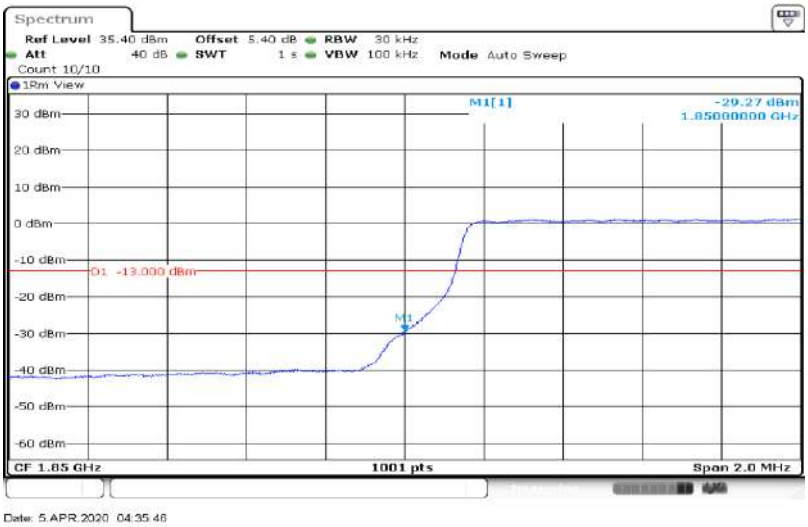

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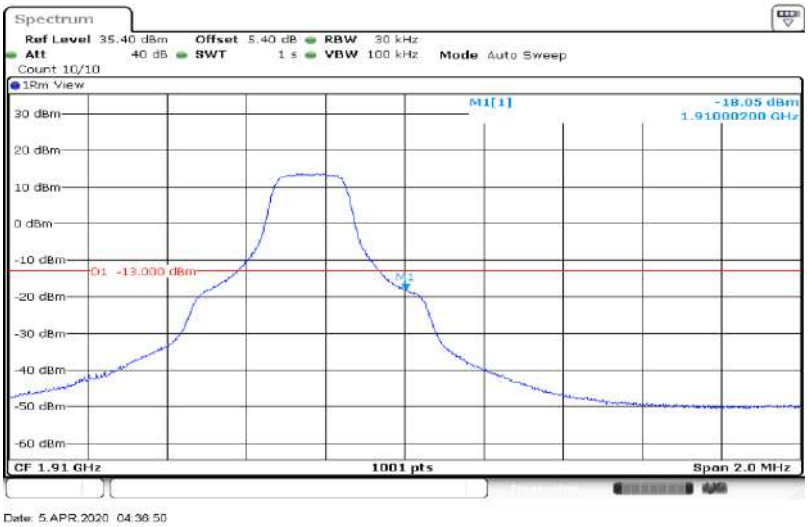

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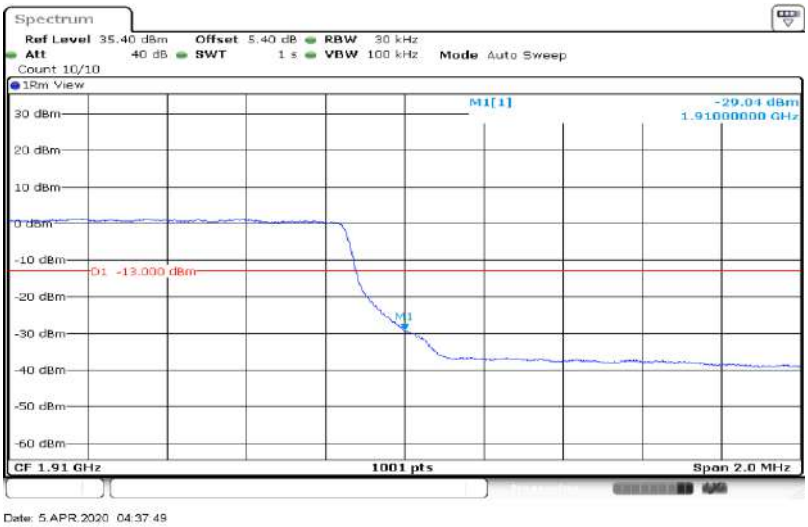

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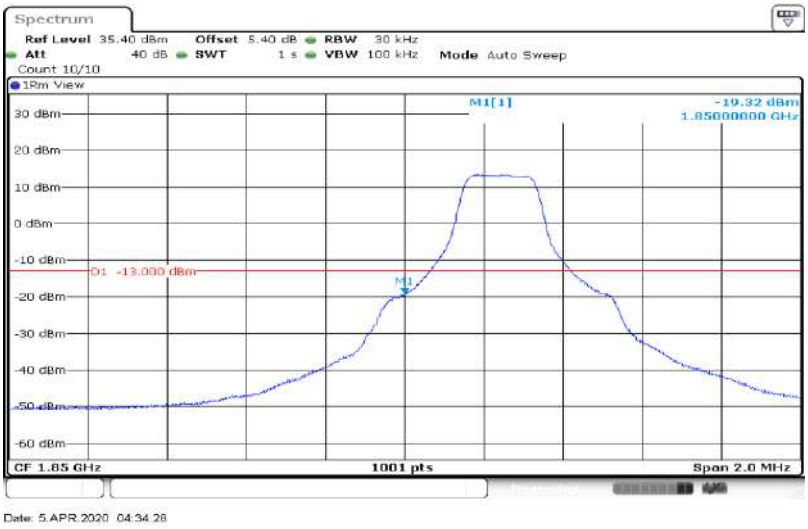

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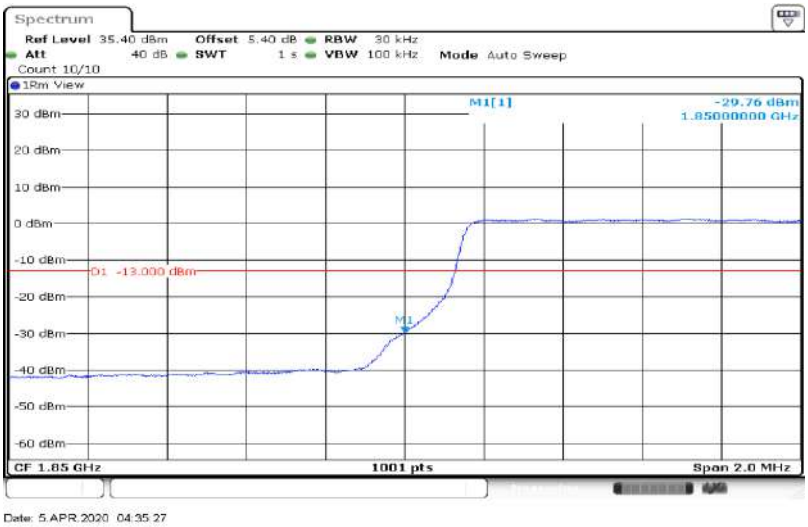

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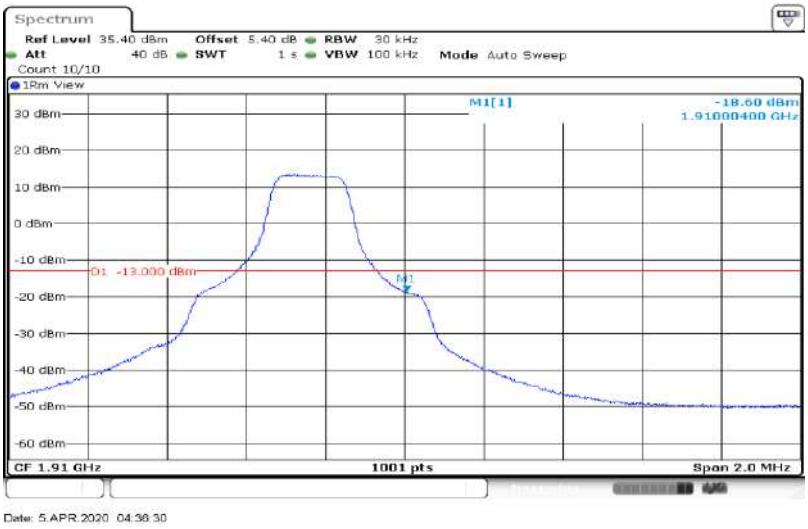

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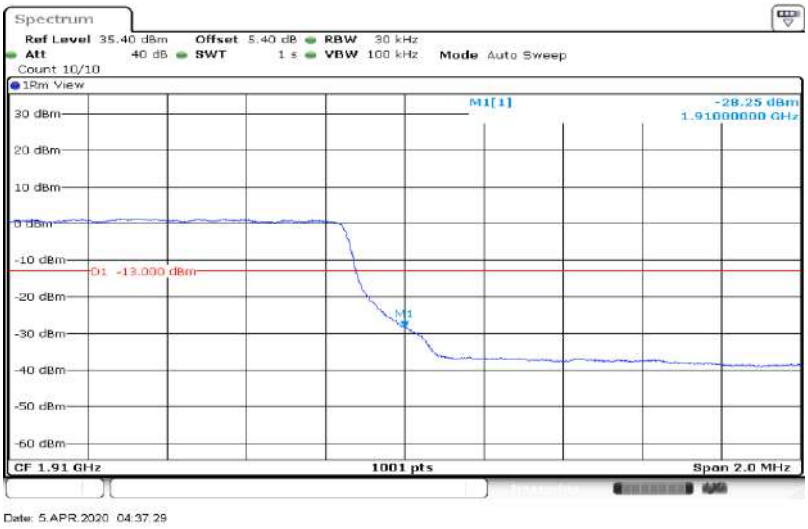

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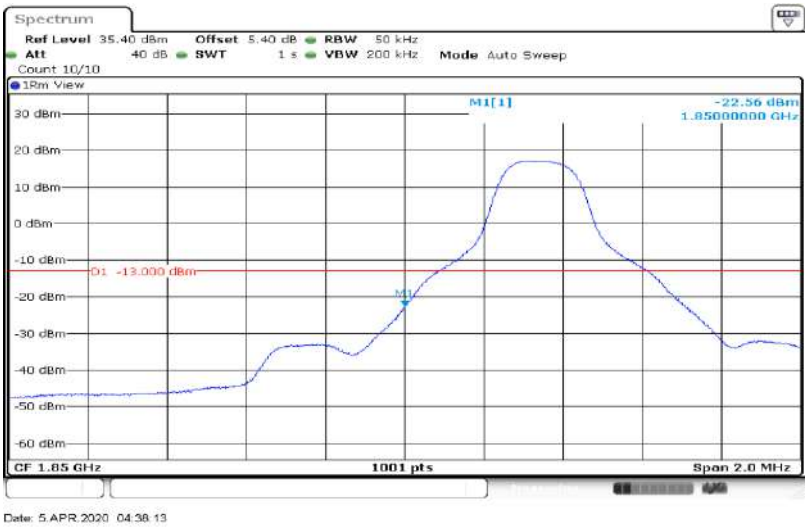

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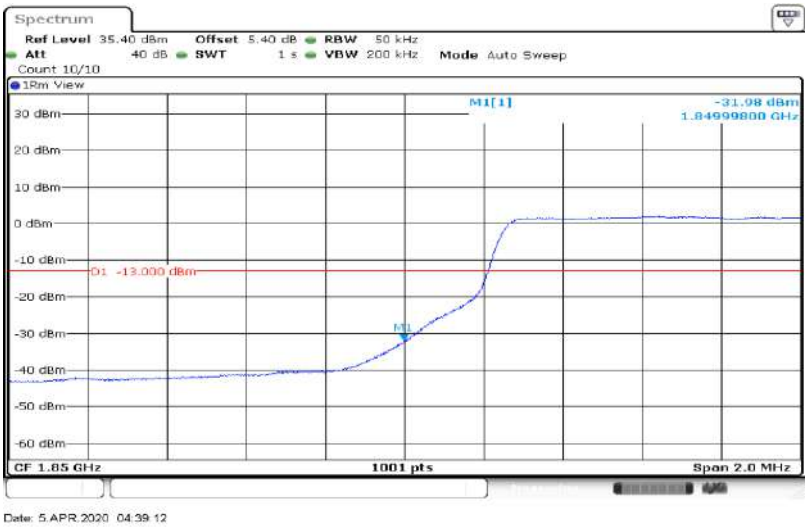

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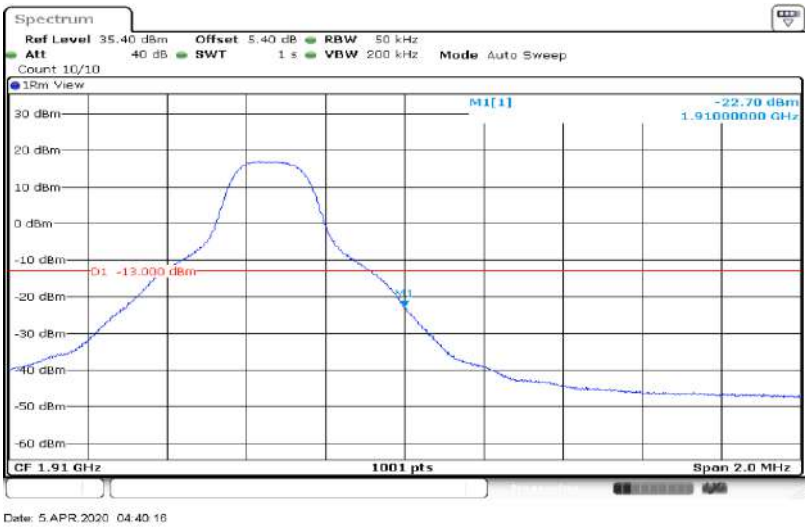

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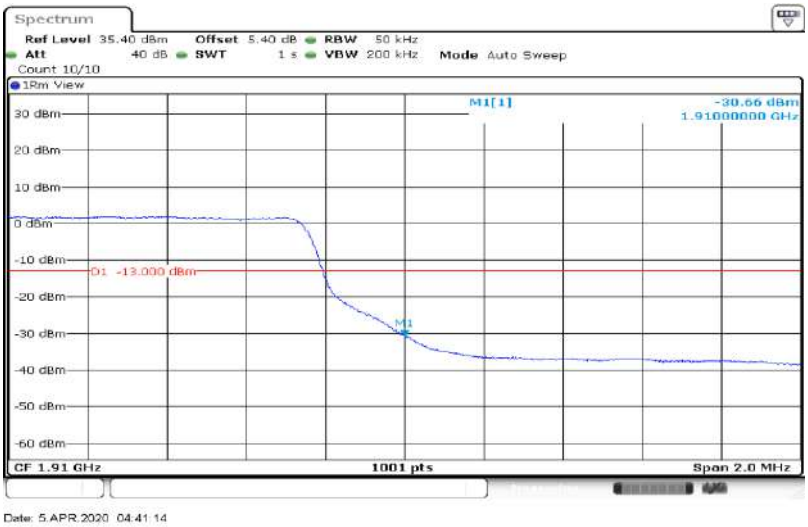

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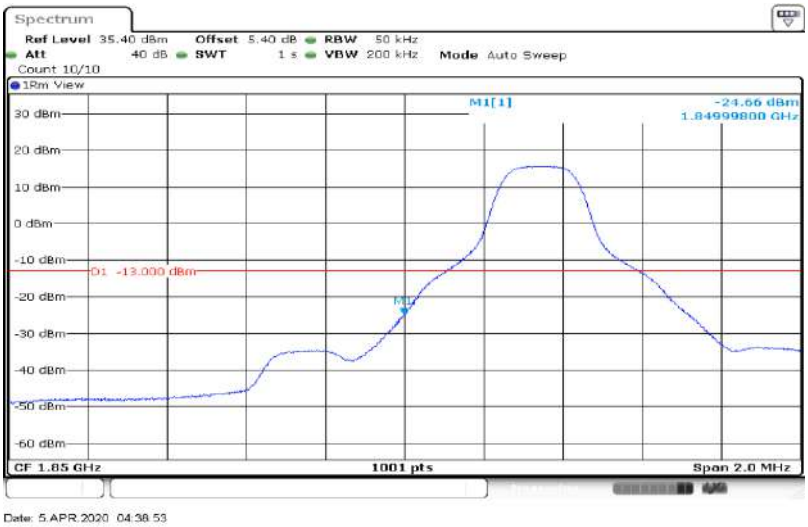

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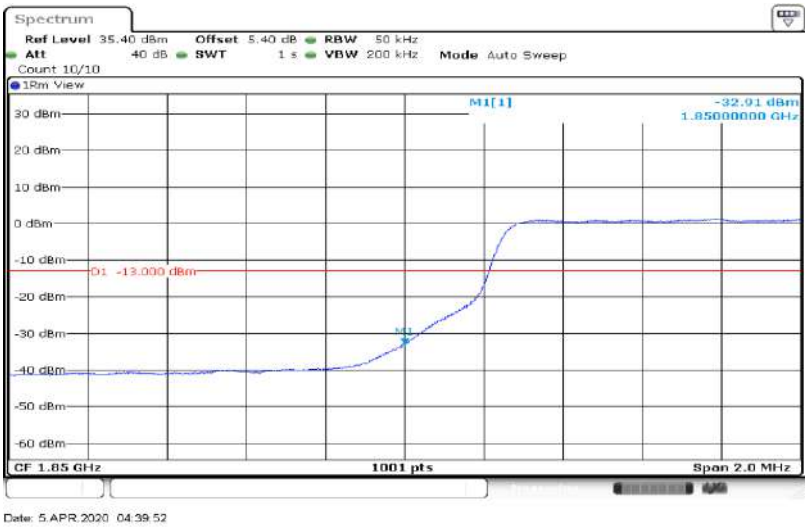

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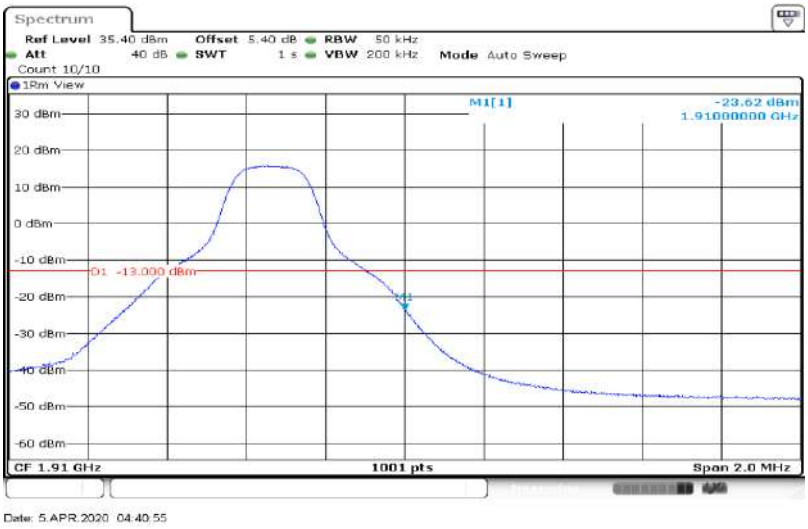

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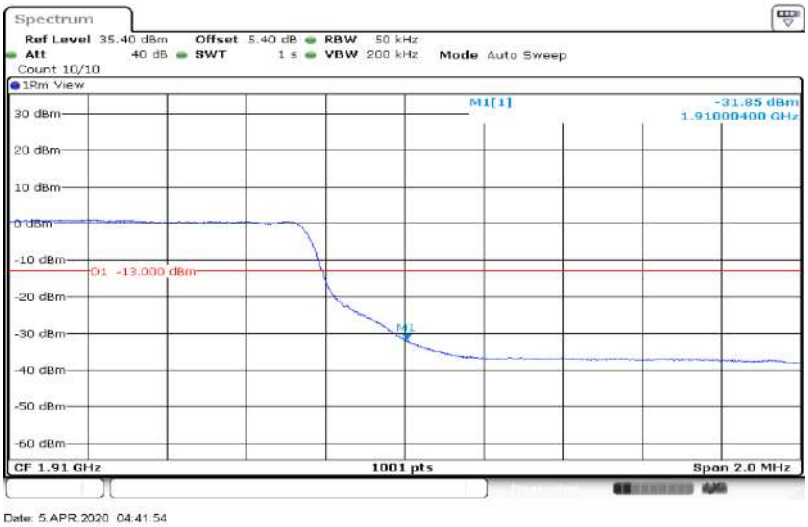

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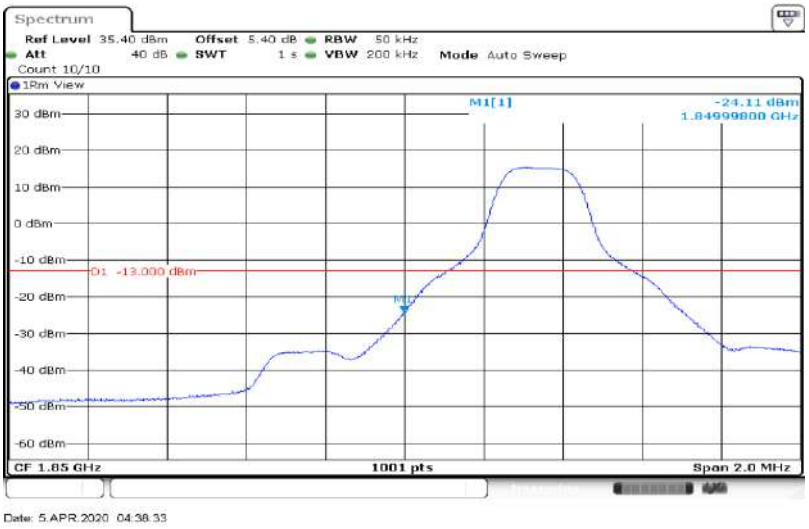

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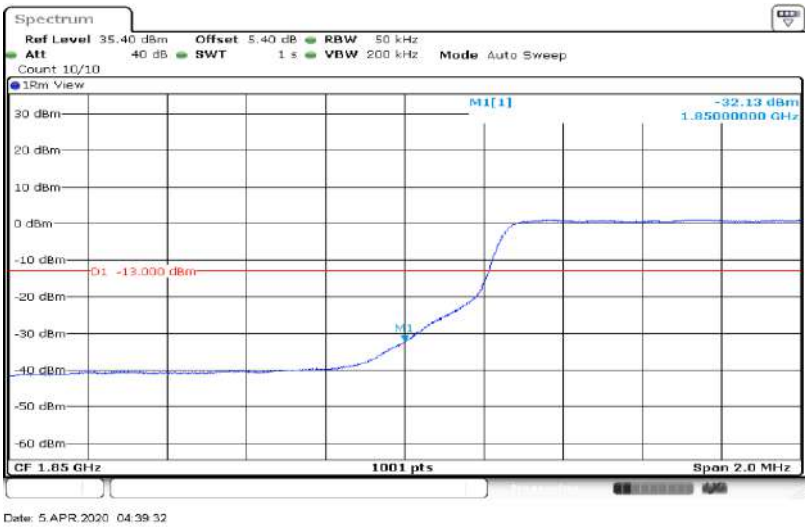

Band2-5MHz-16QAM-19175-1RB#24

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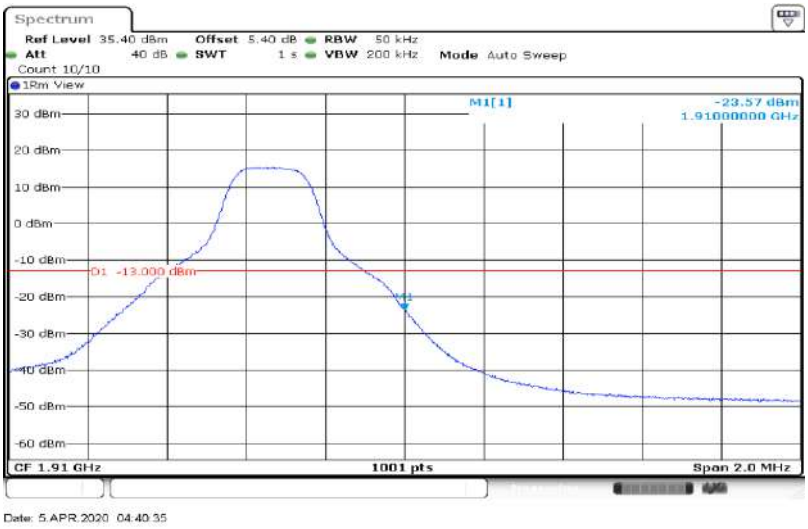

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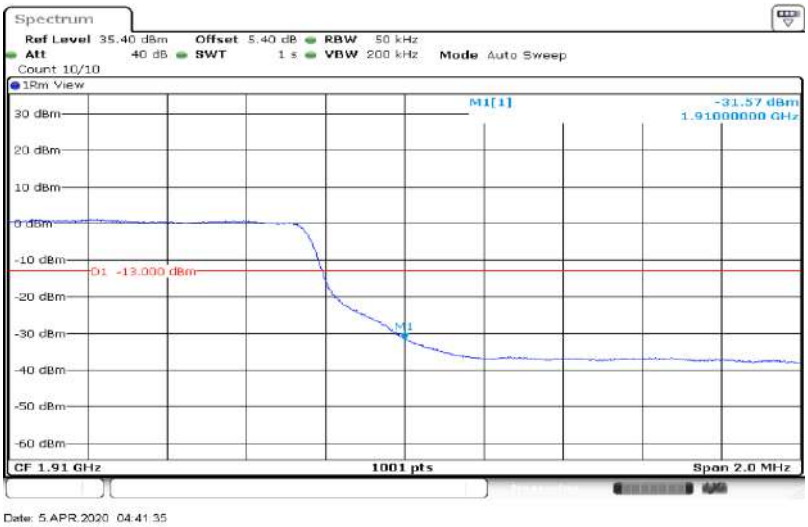

Band2-10MHz-QPSK-18650-1RB#0

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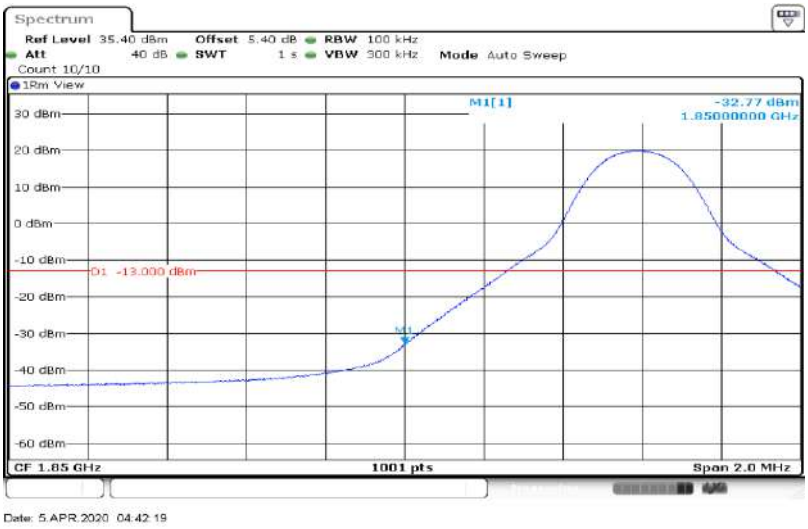
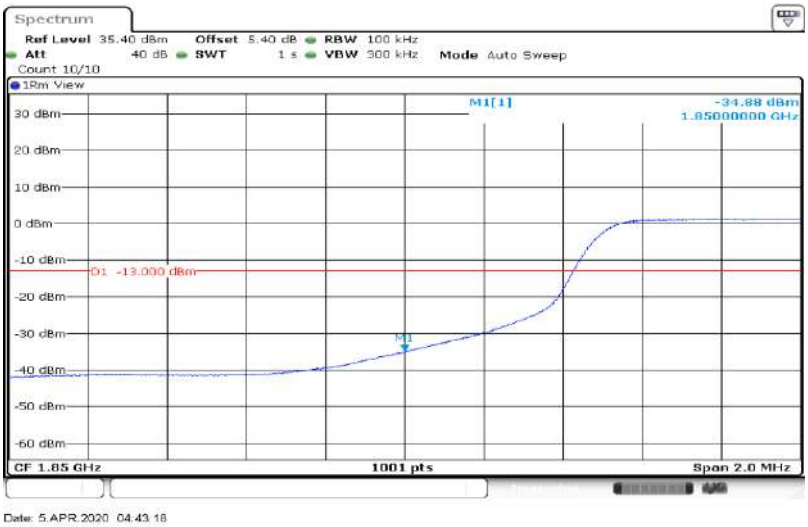


Band2-10MHz-QPSK-18650-50RB#0



Band2-10MHz-QPSK-19150-1RB#49

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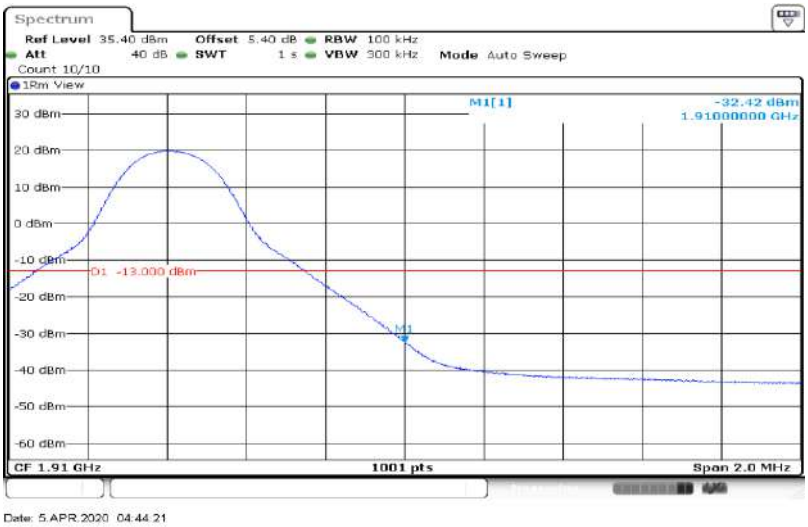

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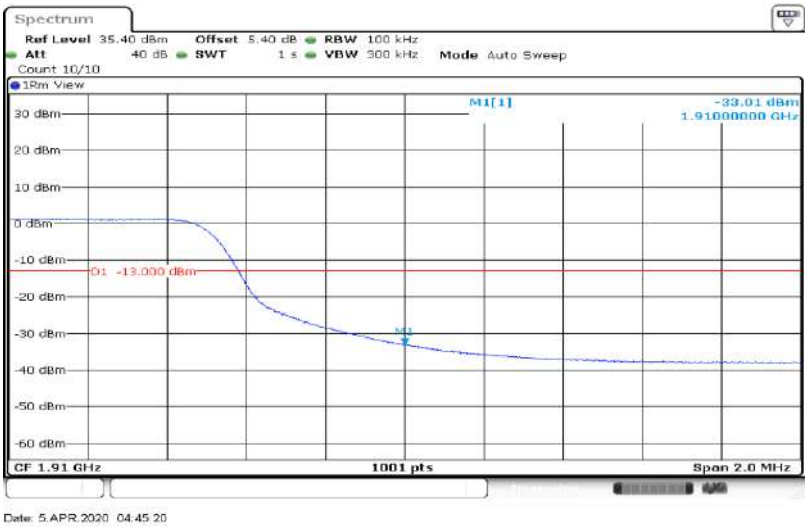

Band2-10MHz-64QAM-18650-1RB#0

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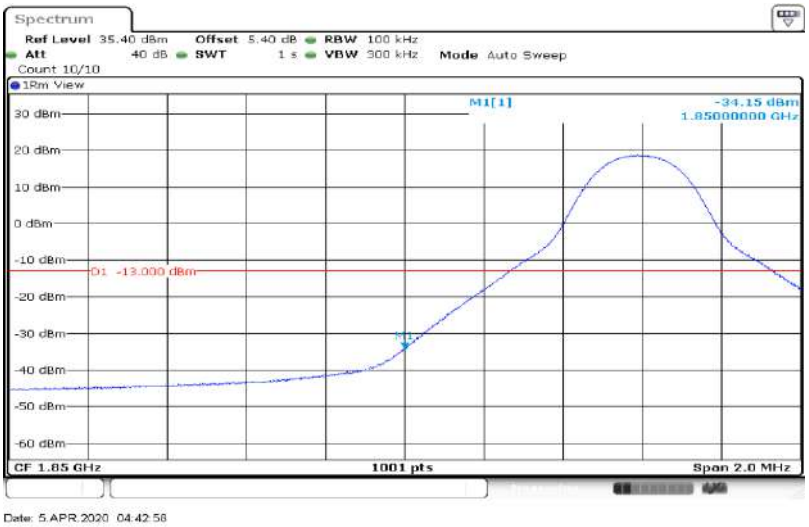
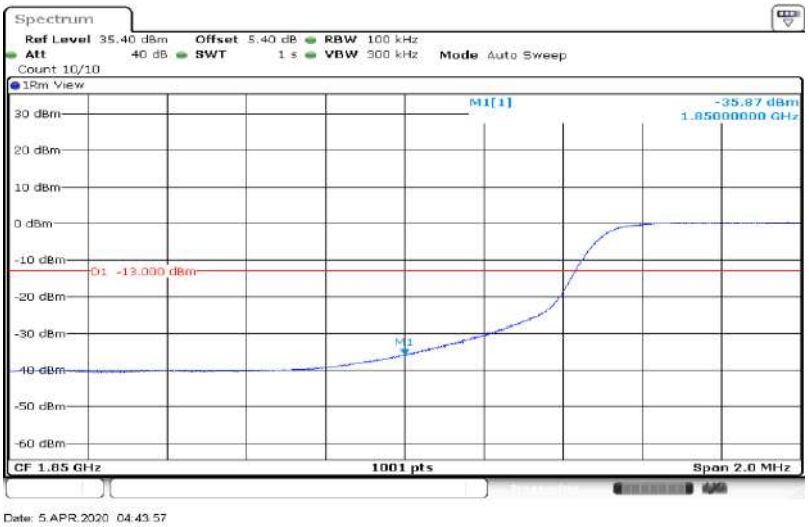


Band2-10MHz-64QAM-18650-50RB#0



Band2-10MHz-64QAM-19150-1RB#49

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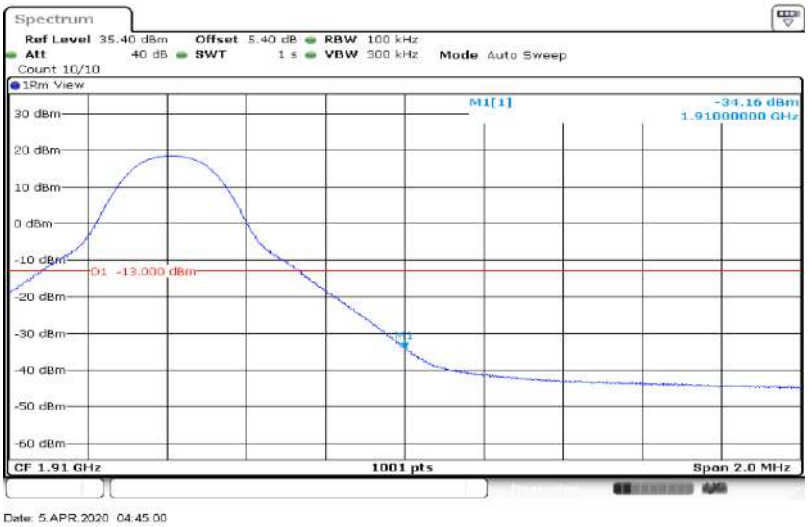

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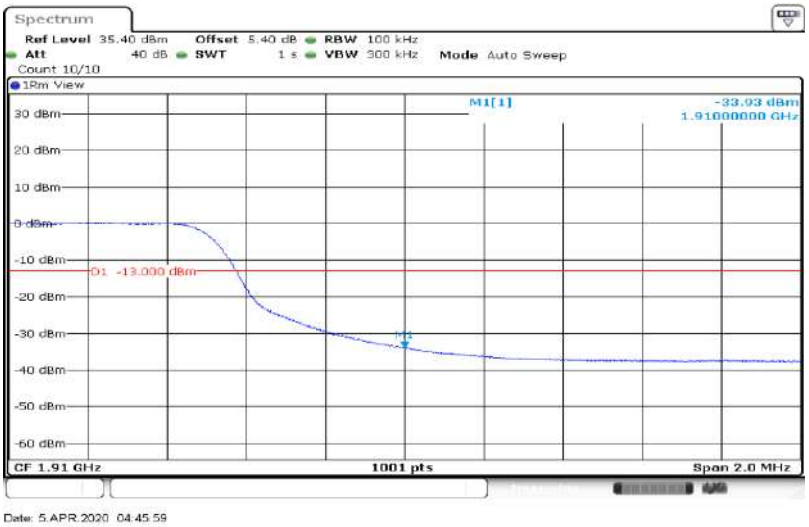

Band2-10MHz-16QAM-18650-1RB#0

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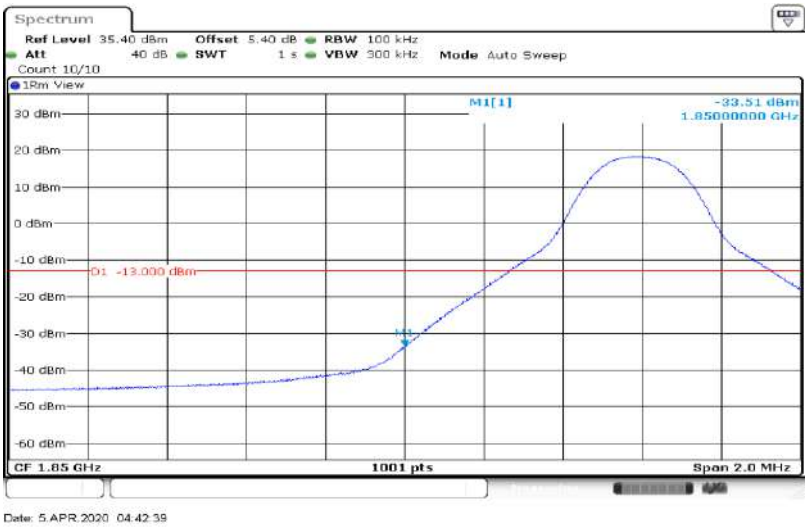

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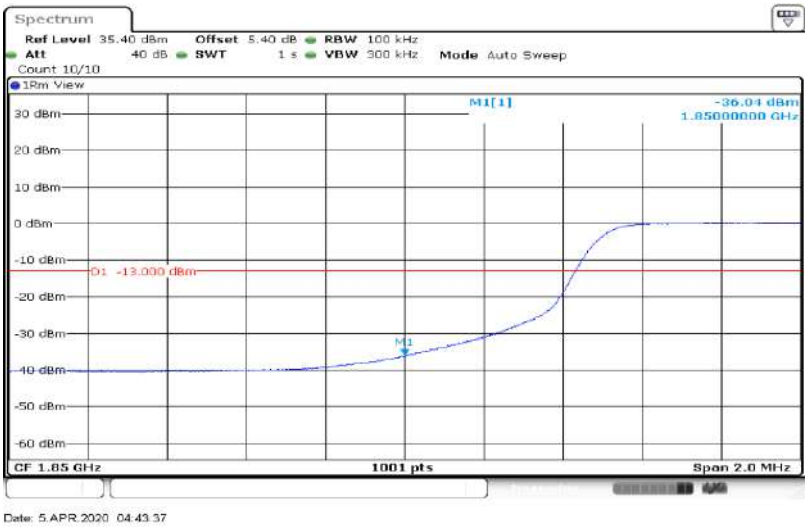

Band2-10MHz-16QAM-19150-1RB#49

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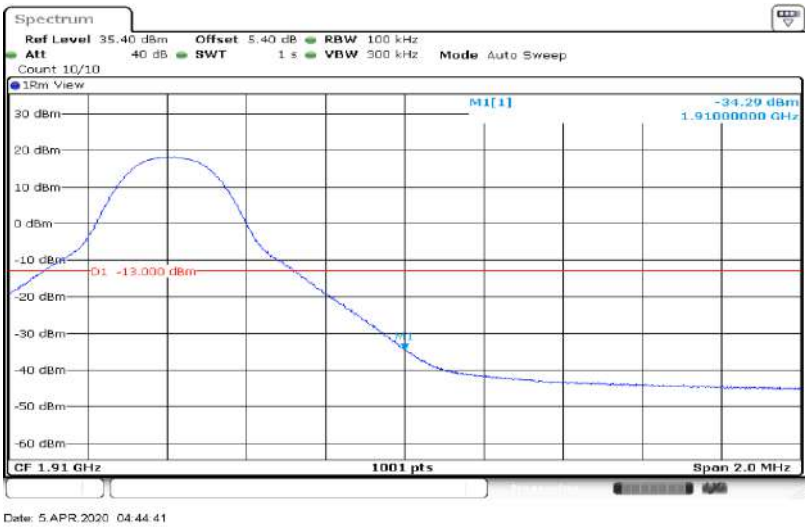

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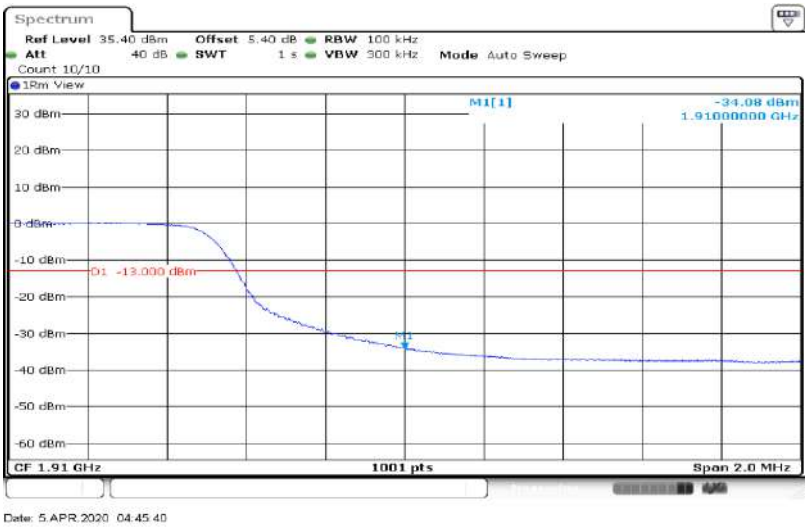

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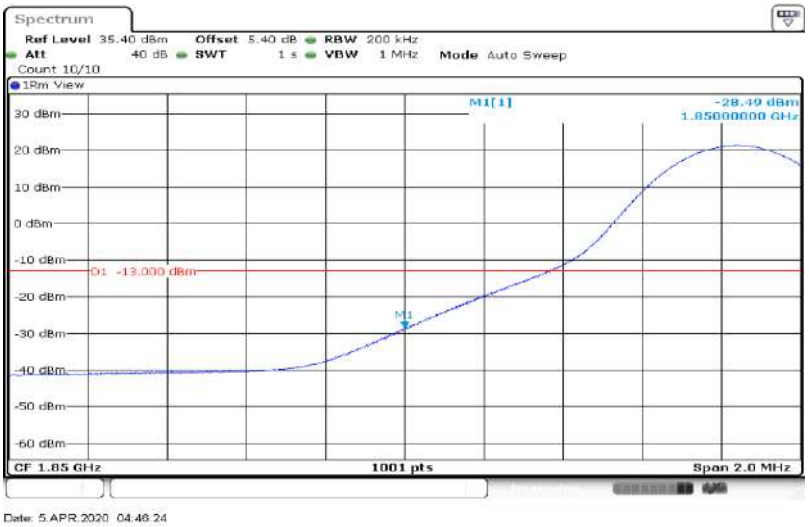
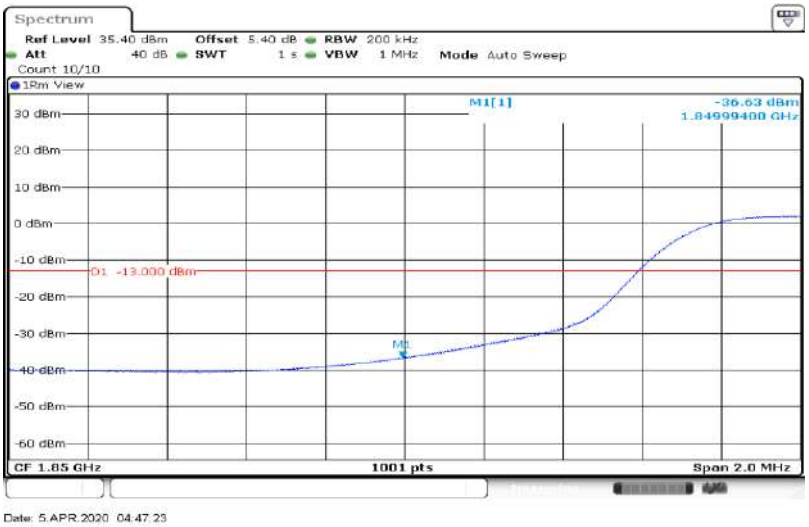


Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-19125-1RB#74

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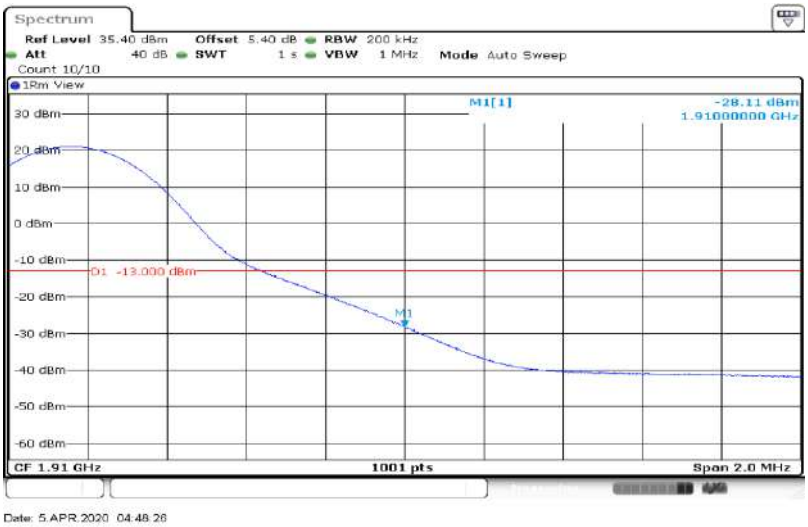

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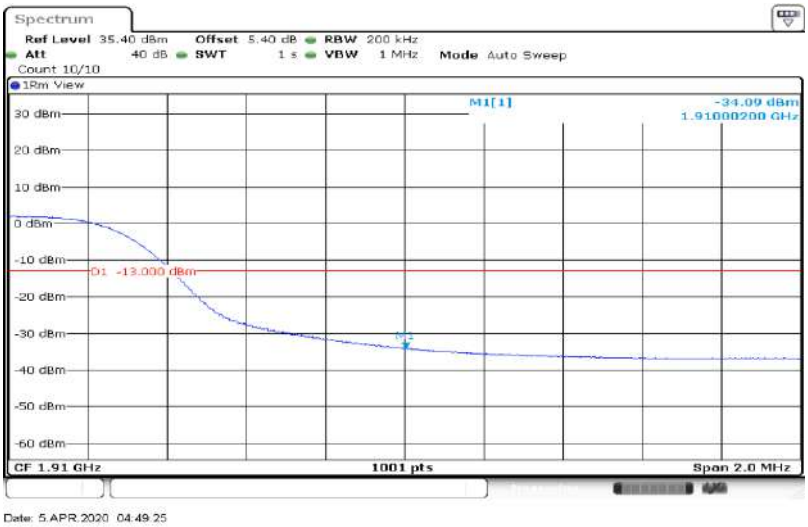

Band2-15MHz-64QAM-18675-1RB#0

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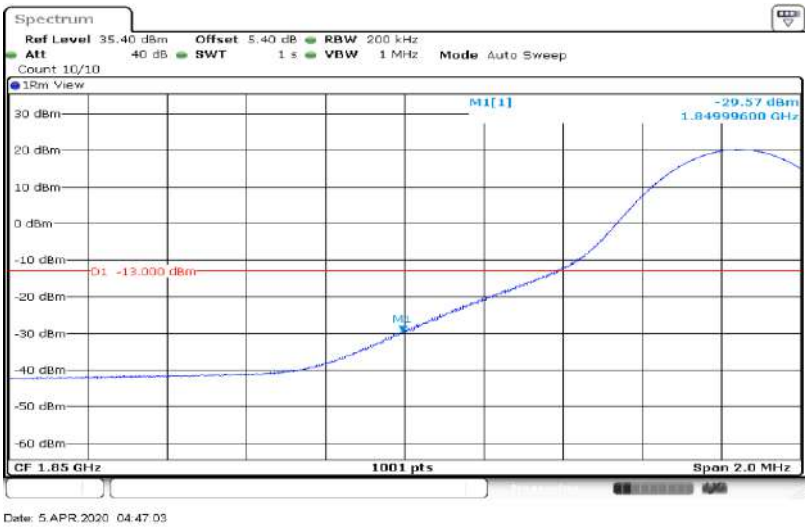

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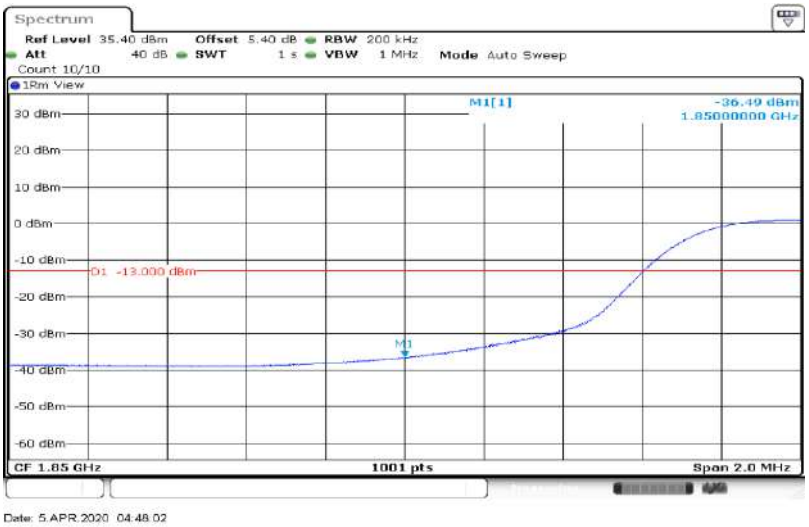

Band2-15MHz-64QAM-19125-1RB#74

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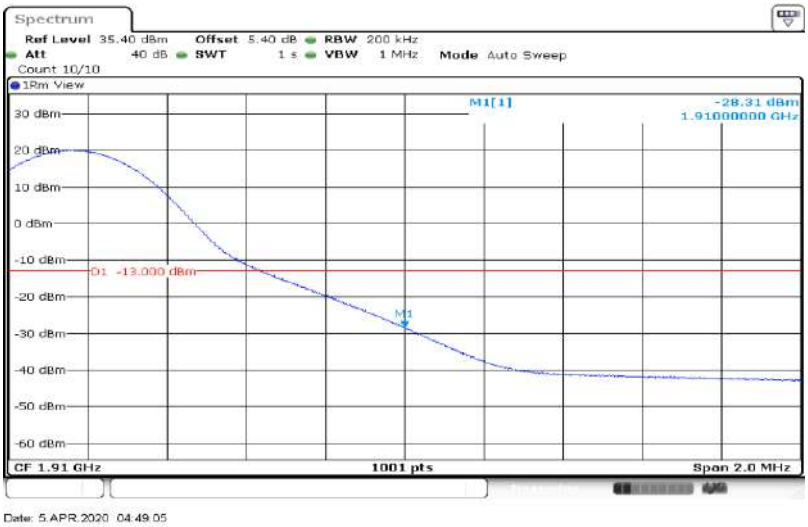
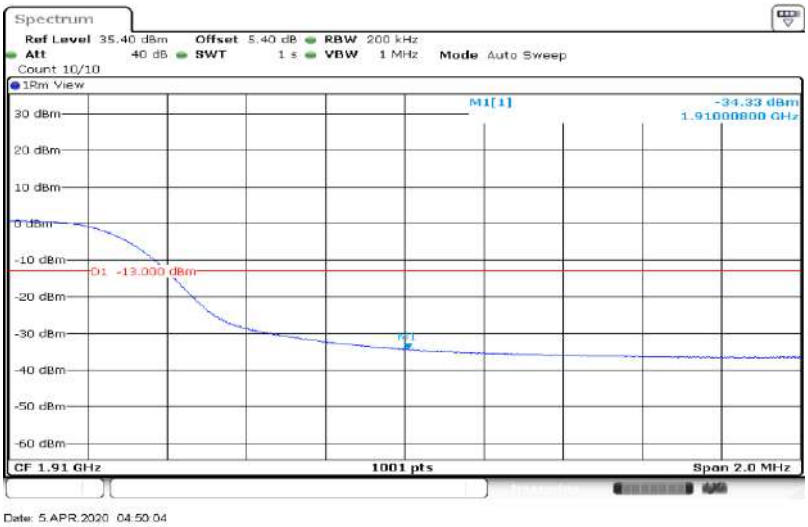


Band2-15MHz-64QAM-19125-75RB#0



Band2-15MHz-16QAM-18675-1RB#0

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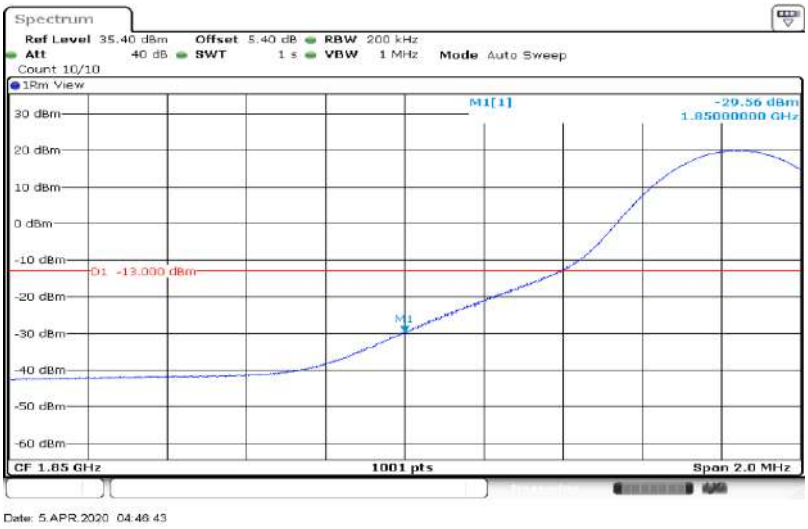
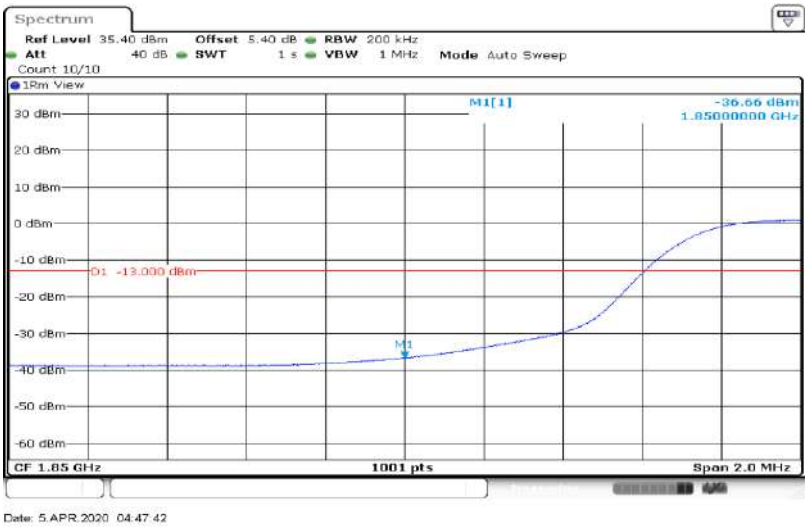


Band2-15MHz-16QAM-18675-75RB#0



Band2-15MHz-16QAM-19125-1RB#74

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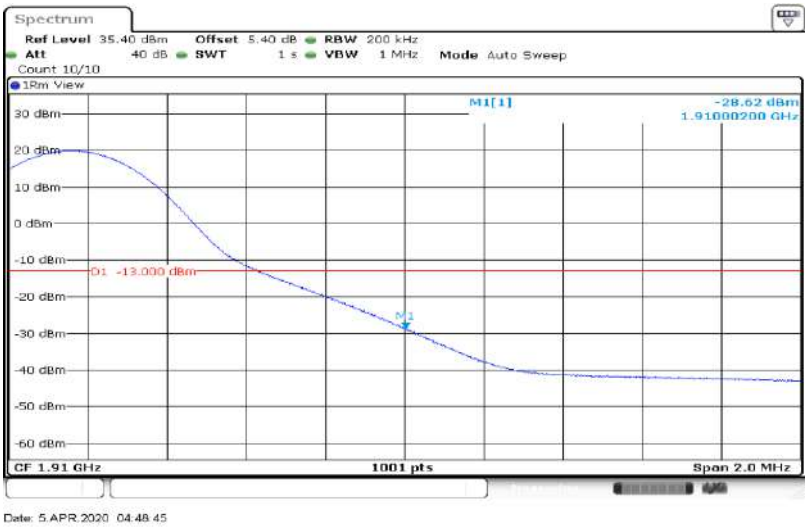
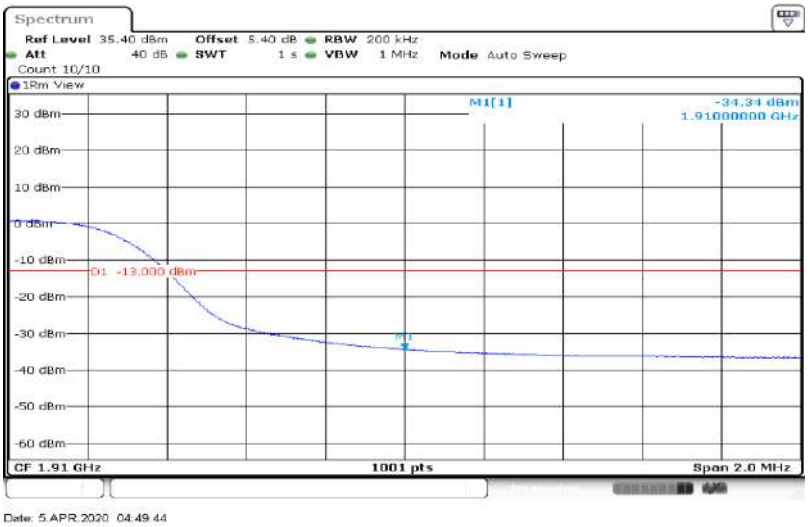


Band2-15MHz-16QAM-19125-75RB#0



Band2-20MHz-QPSK-18700-1RB#0

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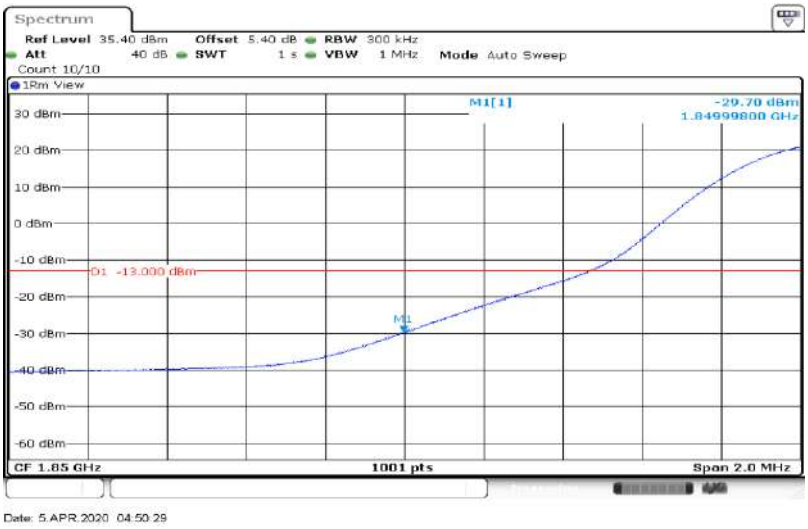
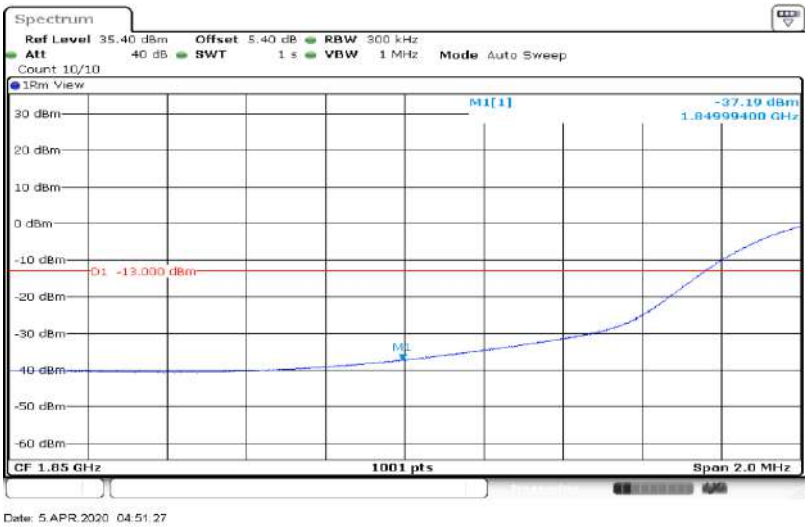


Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-19100-1RB#99

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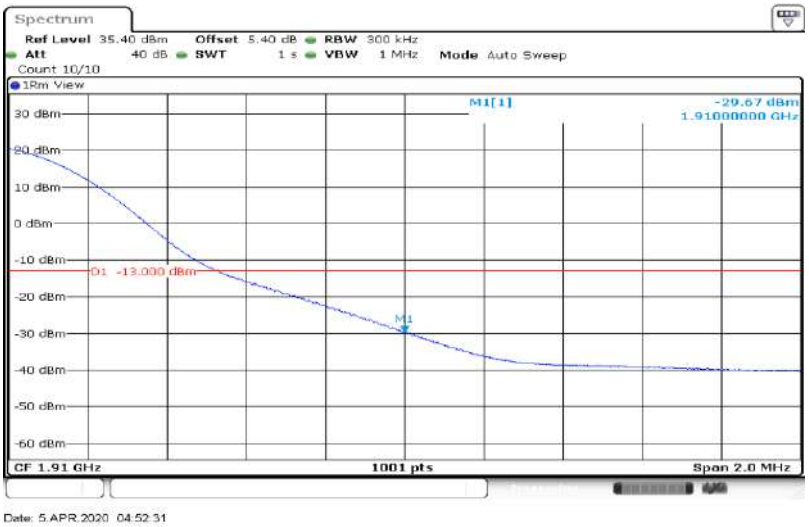

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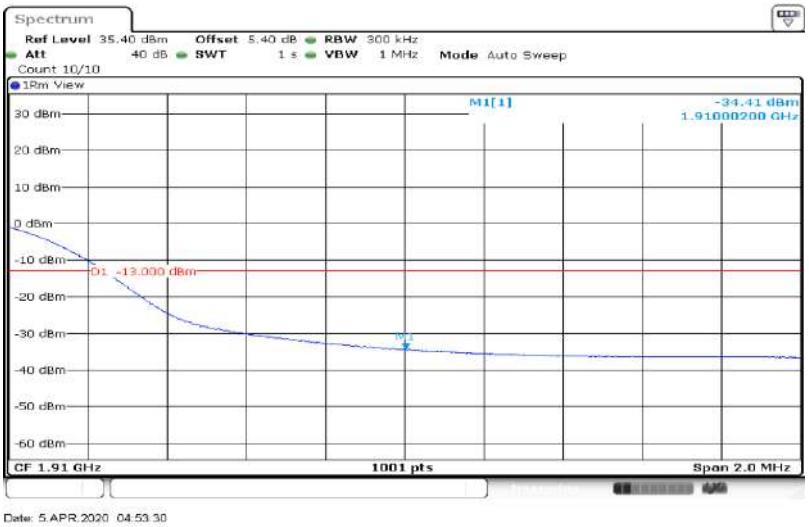

Band2-20MHz-64QAM-18700-1RB#0

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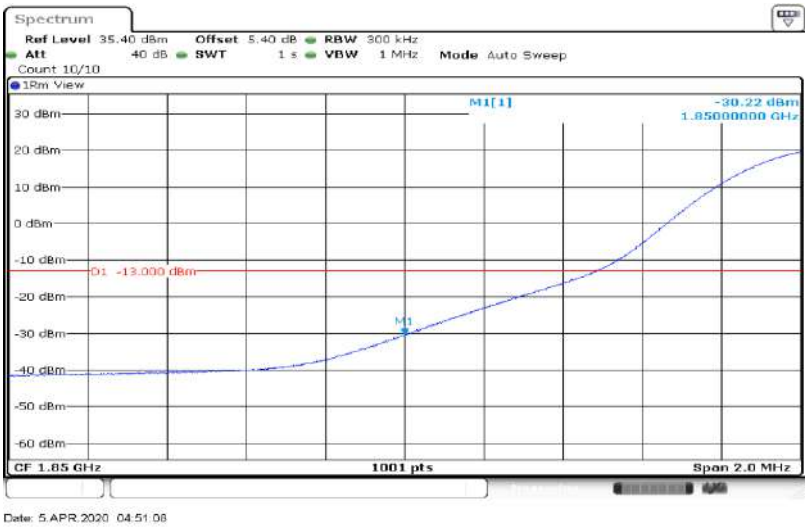

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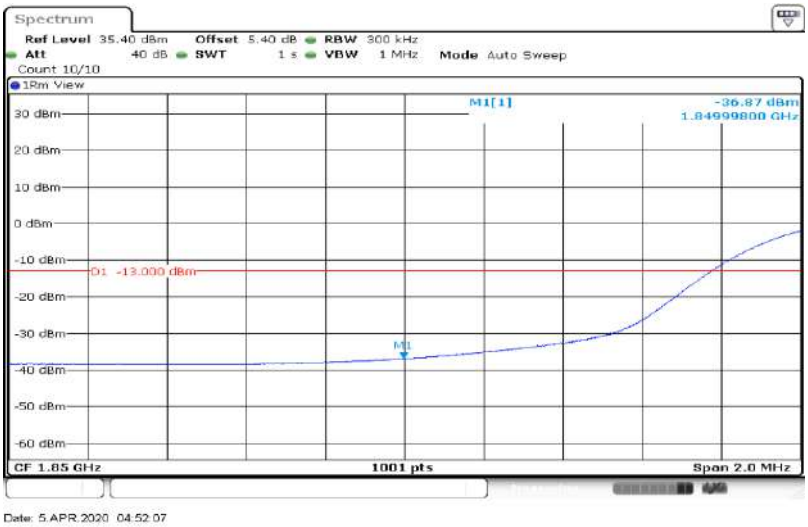

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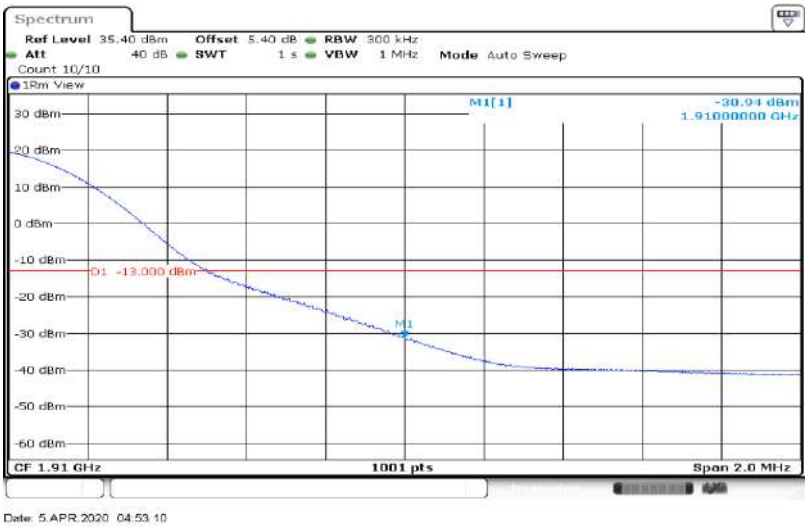

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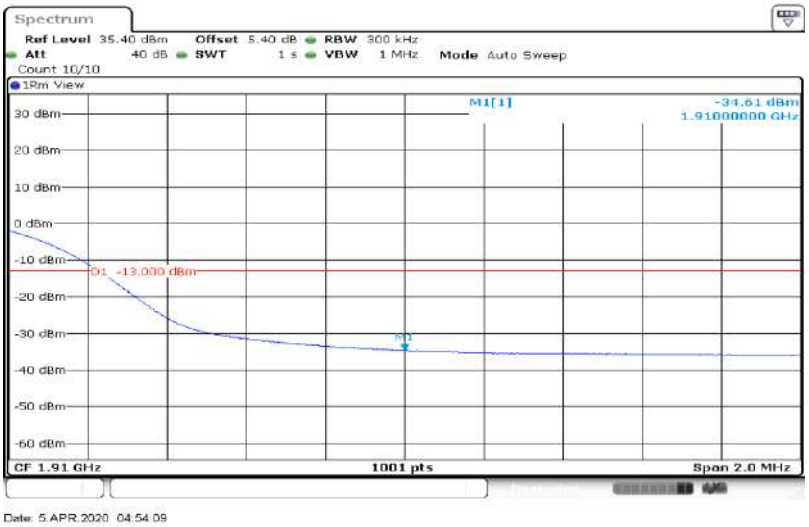

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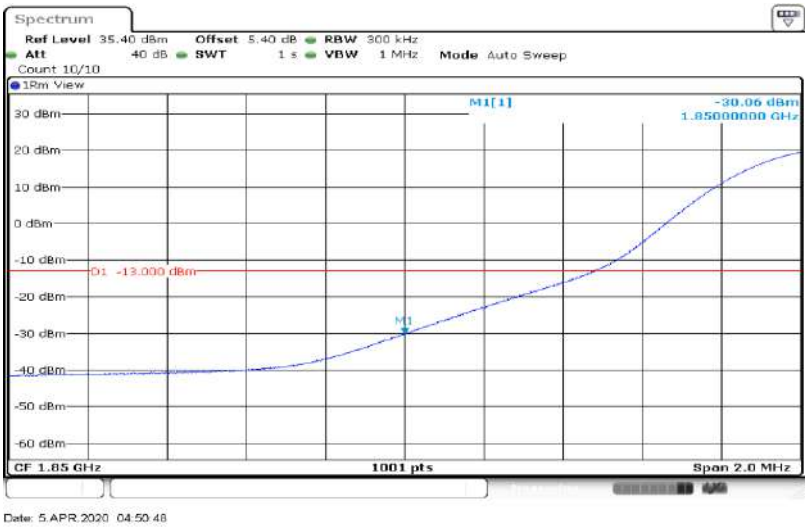

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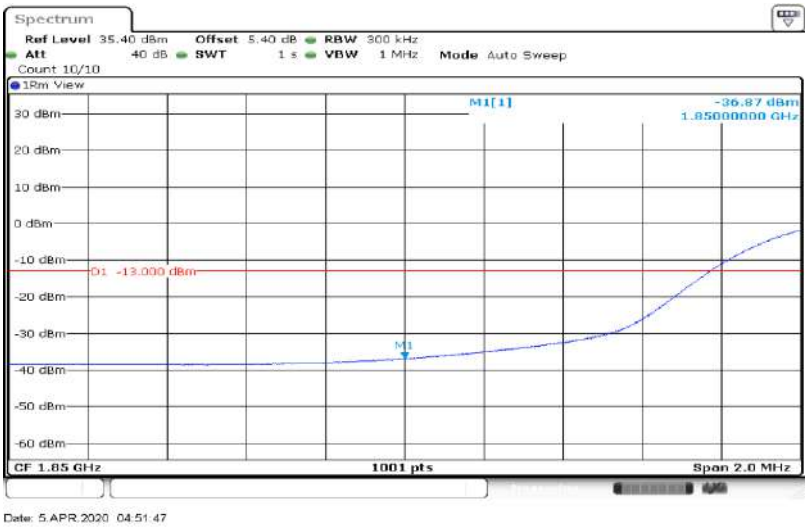

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Band2-20MHz-16QAM-19100-100RB#0

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6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-48.9	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-36.72	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-48.92	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-36.65	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-48.52	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-36.15	PASS
Band2	20MHz	64QAM	18700	1RB#0	Range1:30~1000MHz	-49.17	PASS
Band2	20MHz	64QAM	18700	1RB#0	Range2:1000~20000MHz	-36.53	PASS
Band2	20MHz	64QAM	18900	1RB#0	Range1:30~1000MHz	-48.55	PASS
Band2	20MHz	64QAM	18900	1RB#0	Range2:1000~20000MHz	-36.72	PASS
Band2	20MHz	64QAM	19100	1RB#0	Range1:30~1000MHz	-49.36	PASS
Band2	20MHz	64QAM	19100	1RB#0	Range2:1000~20000MHz	-36.75	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-49.22	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-36.9	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-48.86	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-36.99	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-48.57	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-36.65	PASS

6.2. Test Plots

Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz

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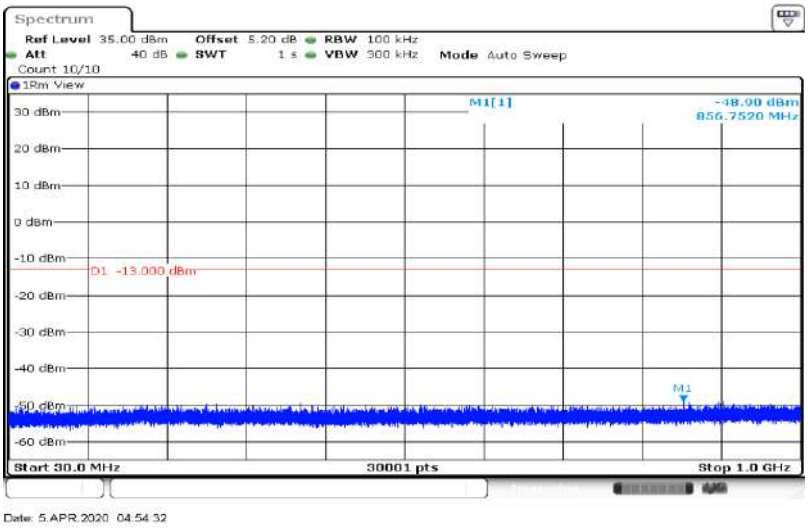
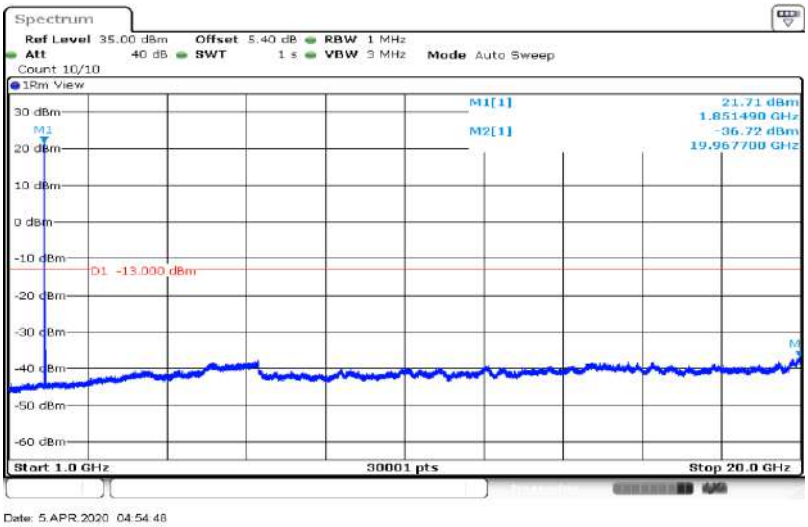


Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

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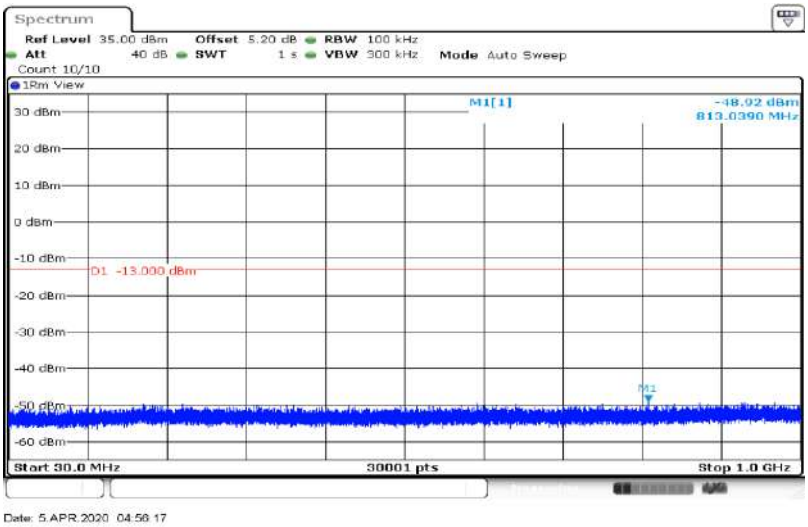

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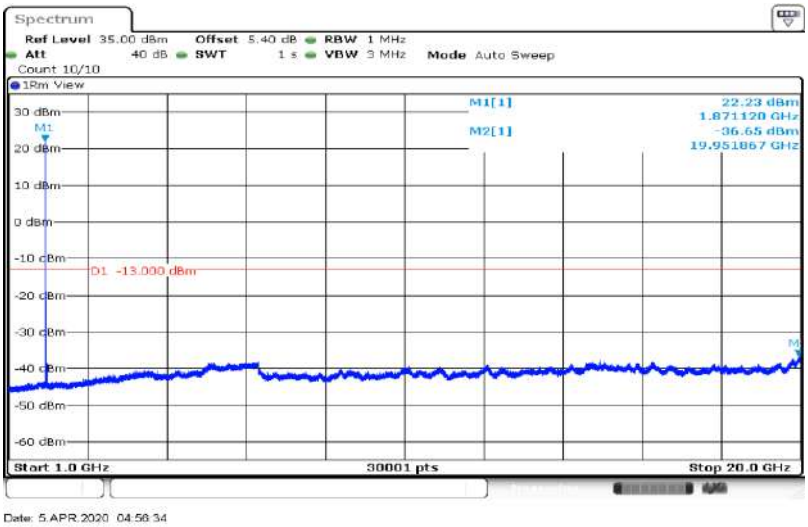

Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz

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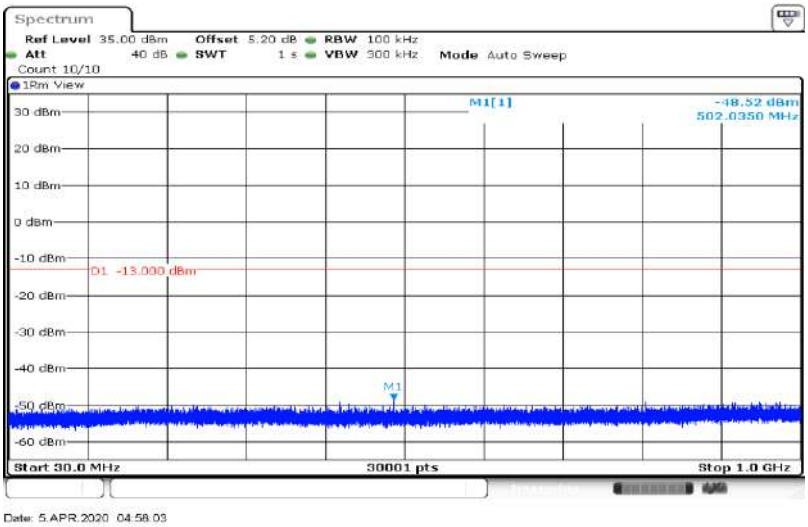

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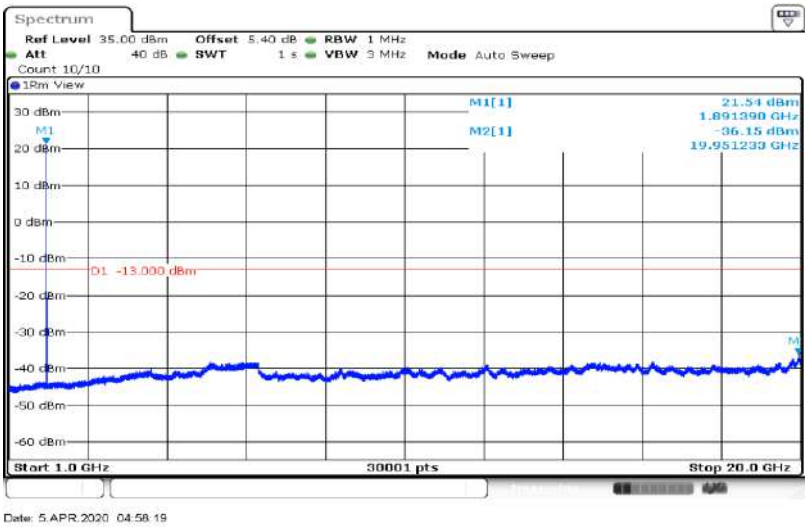

Band2-20MHz-64QAM-18700-1RB#0-Range1:30~1000MHz

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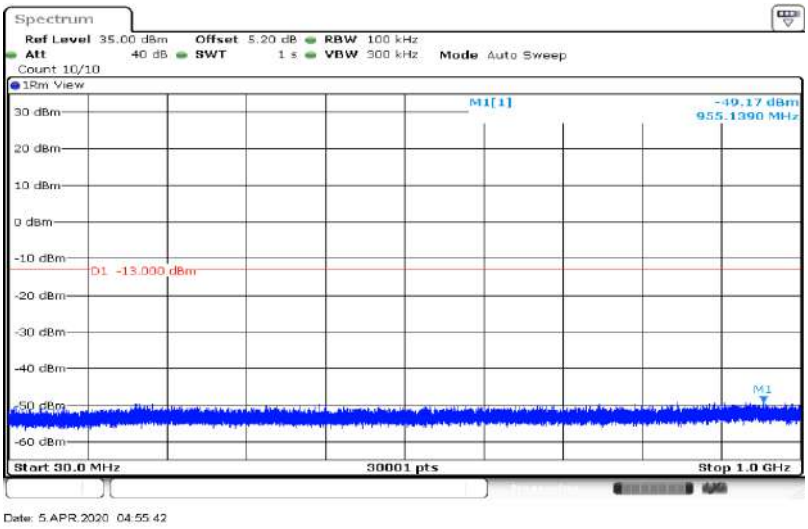

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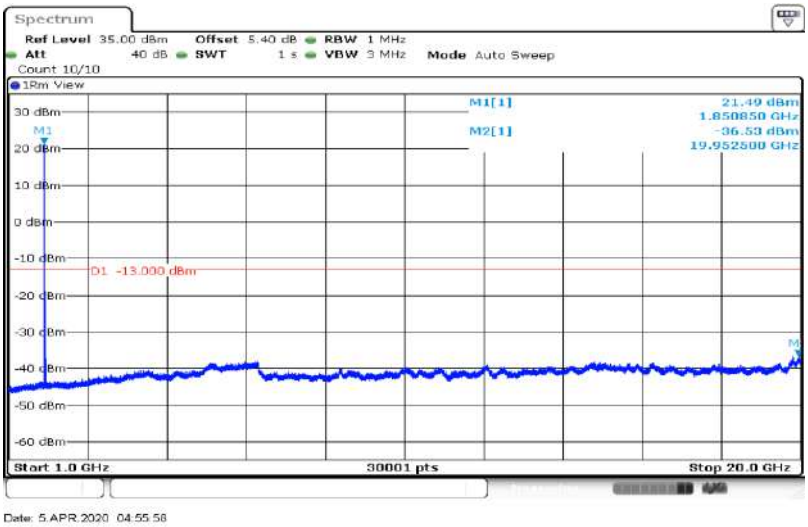

Band2-20MHz-64QAM-18900-1RB#0-Range1:30~1000MHz

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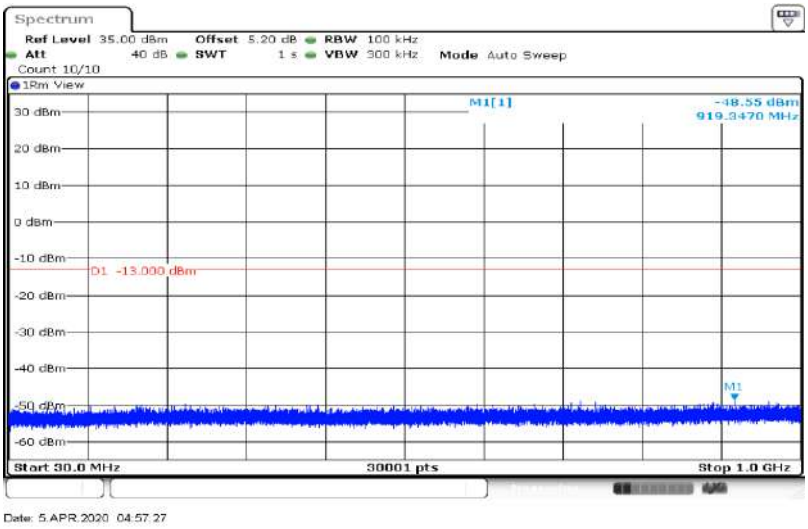

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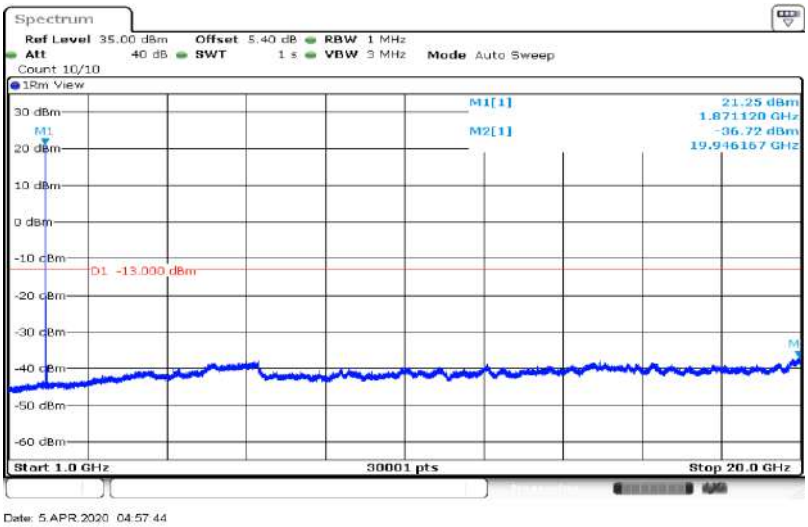

Band2-20MHz-64QAM-19100-1RB#0-Range1:30~1000MHz

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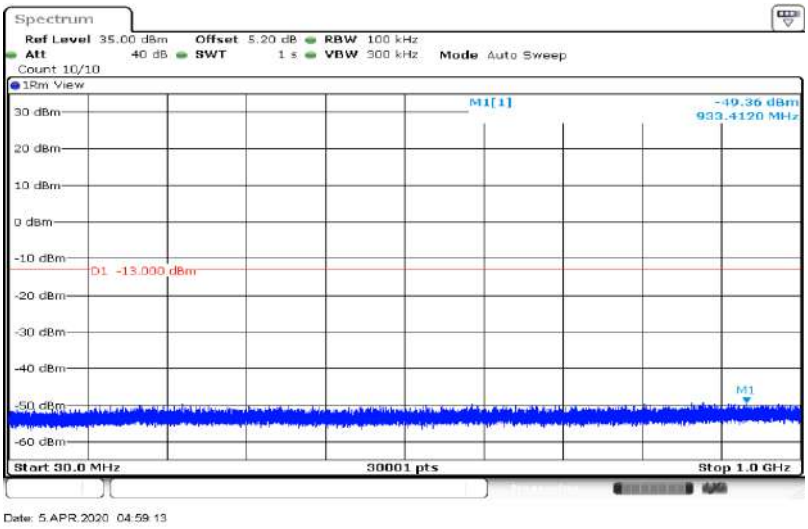

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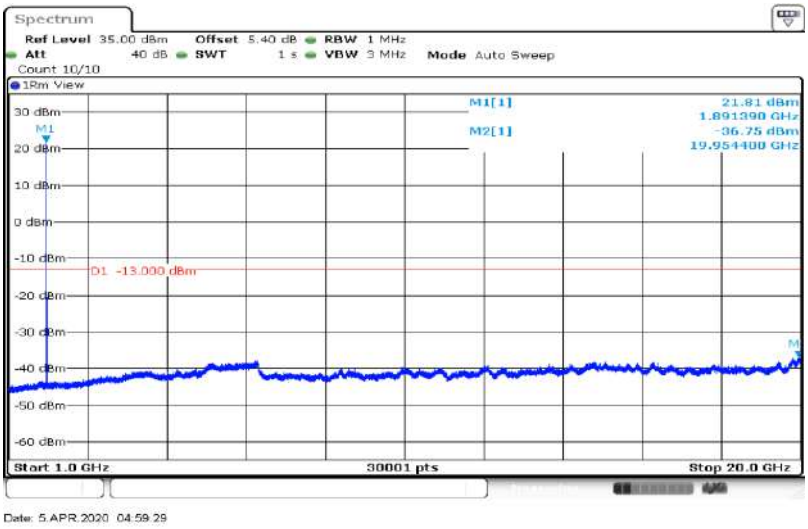

Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz

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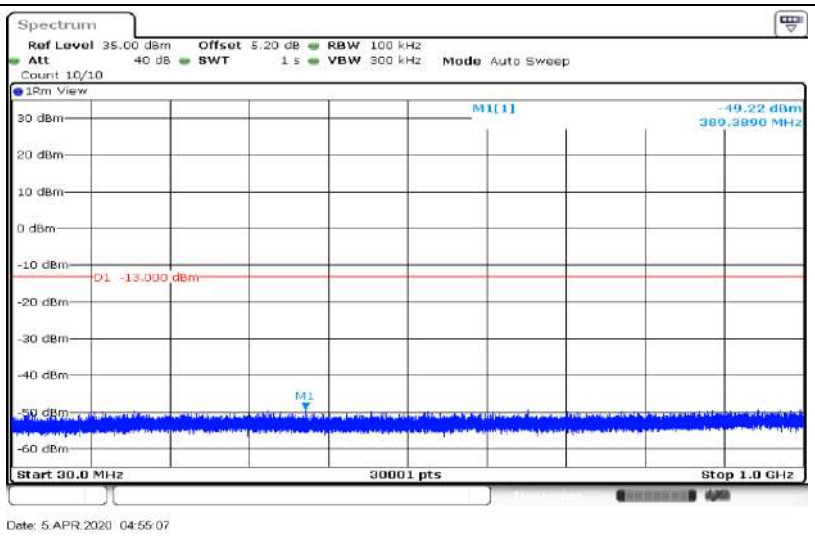

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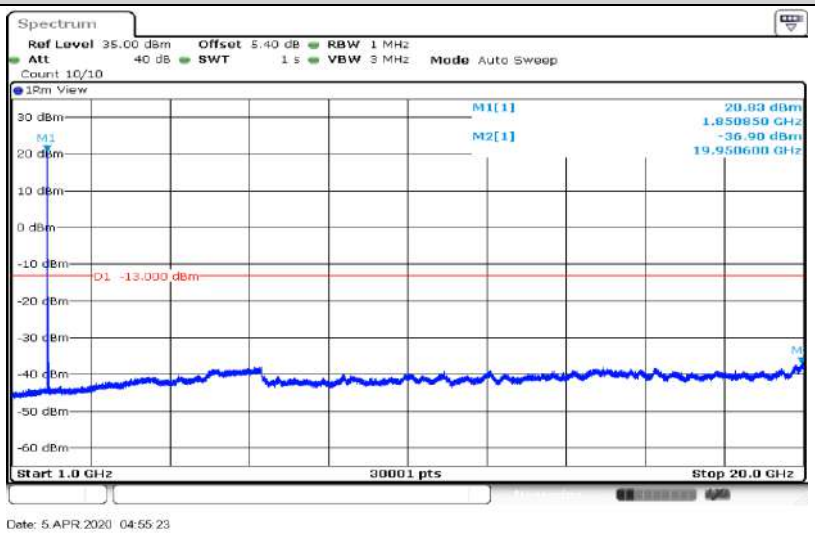

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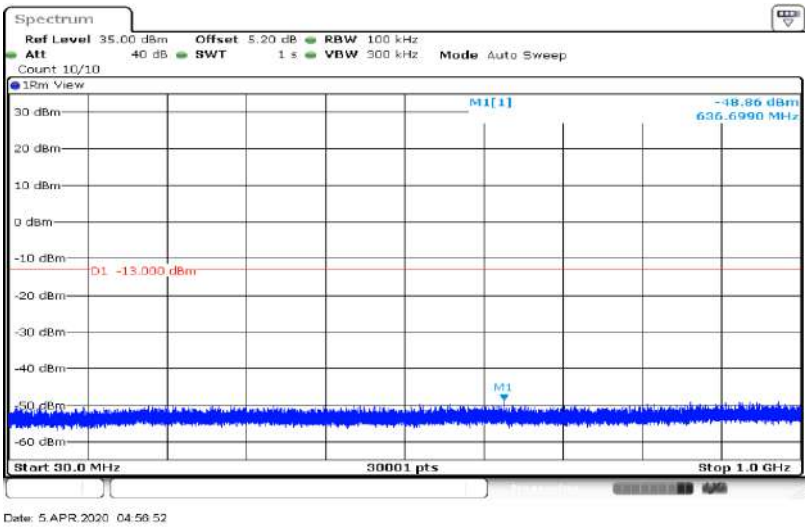

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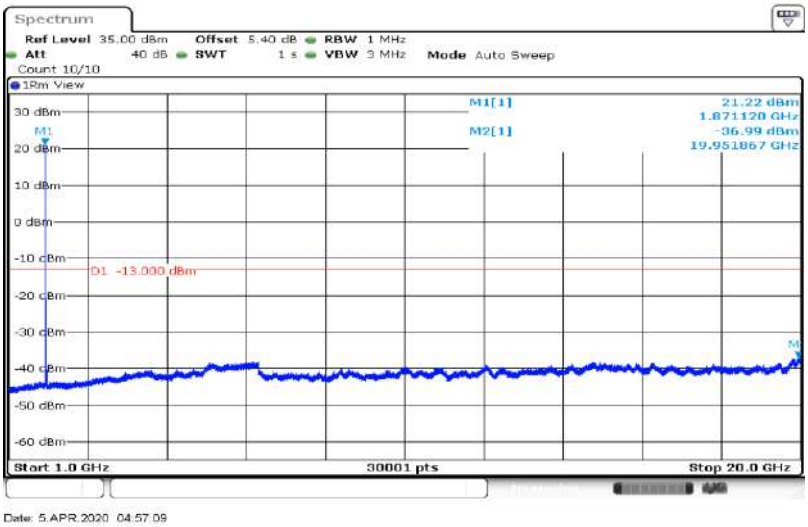

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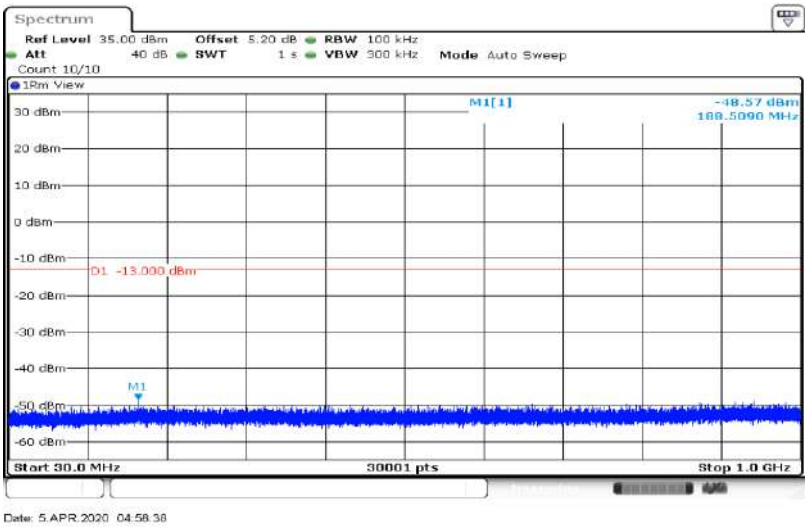

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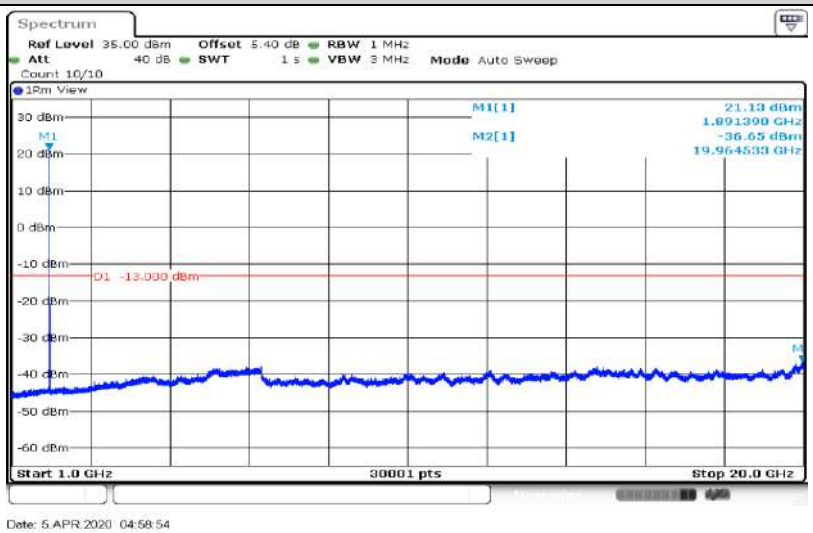

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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
56.900000	-78.50	-13.00	65.50	135	130	Vertical
342.700000	-83.80	-13.00	70.80	199	87	Vertical
951.783333	-76.05	-13.00	63.05	284	144	Vertical
3743.925000	-66.96	-13.00	53.96	290	61	Vertical
5553.200000	-60.20	-13.00	47.20	160	62	Vertical
7832.750000	-62.37	-13.00	49.37	201	345	Vertical
56.300000	-74.77	-13.00	61.77	161	245	Horizontal
227.650000	-81.07	-13.00	68.07	279	281	Horizontal
958.612500	-74.68	-13.00	61.68	126	231	Horizontal
3702.000000	-65.49	-13.00	52.49	256	273	Horizontal
5553.200000	-62.17	-13.00	49.17	110	38	Horizontal
7785.625000	-62.37	-13.00	49.37	141	83	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
56.700000	-79.48	-13.00	66.48	161	47	Vertical
322.950000	-83.45	-13.00	70.45	296	146	Vertical
947.566667	-75.19	-13.00	62.19	129	266	Vertical
3741.650000	-66.68	-13.00	53.68	210	23	Vertical
5613.325000	-53.45	-13.00	40.45	117	346	Vertical
7831.775000	-62.40	-13.00	49.40	284	180	Vertical
63.200000	-75.30	-13.00	62.30	269	90	Horizontal
225.900000	-82.96	-13.00	69.96	152	265	Horizontal
960.354167	-74.68	-13.00	61.68	221	34	Horizontal
3742.300000	-64.09	-13.00	51.09	111	179	Horizontal
5613.000000	-55.14	-13.00	42.14	144	224	Horizontal
7698.200000	-63.13	-13.00	50.13	297	87	Horizontal

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7.1.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
65.150000	-80.17	-13.00	67.17	128	83	Vertical
338.400000	-84.00	-13.00	71.00	194	209	Vertical
948.437500	-74.98	-13.00	61.98	202	222	Vertical
3782.275000	-62.84	-13.00	49.84	196	226	Vertical
5673.125000	-42.13	-13.00	29.13	160	296	Vertical
7784.650000	-62.40	-13.00	49.40	163	35	Vertical
62.450000	-74.93	-13.00	61.93	240	152	Horizontal
225.850000	-82.95	-13.00	69.95	160	115	Horizontal
937.712500	-75.27	-13.00	62.27	277	32	Horizontal
3782.275000	-62.09	-13.00	49.09	129	170	Horizontal
5673.125000	-56.47	-13.00	43.47	162	267	Horizontal
7841.850000	-61.85	-13.00	48.85	269	325	Horizontal

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	1.90	0.001022	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	0.10	0.000054	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-0.50	-0.000269	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-4.00	-0.002128	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-3.70	-0.001968	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-3.90	-0.002074	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-1.30	-0.000684	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-3.80	-0.002000	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	0.10	0.000054	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	2.00	0.001075	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	0.00	0.000000	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	-4.30	-0.002287	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	-5.50	-0.002926	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	-3.20	-0.001702	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	-2.50	-0.001316	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	-2.60	-0.001368	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	-5.60	-0.002947	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	1.10	0.000591	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	3.20	0.001720	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	0.70	0.000376	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-3.20	-0.001702	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-2.50	-0.001330	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-3.90	-0.002074	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-1.80	-0.000947	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-3.20	-0.001684	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

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Band2	20MHz	QPSK	18700	100RB#0	NV	-30	-1.20	-0.000645	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	0.60	0.000323	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	1.70	0.000914	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	2.00	0.001075	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	0.80	0.000430	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	0.30	0.000161	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-0.80	-0.000430	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	-1.00	-0.000538	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-3.00	-0.001596	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-3.50	-0.001862	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-4.00	-0.002128	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-3.60	-0.001915	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-2.90	-0.001543	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-4.10	-0.002181	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-3.50	-0.001862	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-3.40	-0.001809	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-3.50	-0.001842	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-1.00	-0.000526	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-2.30	-0.001211	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-3.90	-0.002053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	0.90	0.000484	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	0.20	0.000108	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	1.00	0.000538	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	-0.70	-0.000376	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	0.60	0.000323	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	0.50	0.000269	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	40	0.70	0.000376	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	1.60	0.000860	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	-3.60	-0.001915	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	-2.10	-0.001117	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	-2.90	-0.001543	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	-2.40	-0.001277	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	-3.70	-0.001968	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	-4.40	-0.002340	±2.5	PASS

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Band2	20MHz	64QAM	18900	100RB#0	NV	50	-3.40	-0.001809	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	-1.80	-0.000947	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	-3.50	-0.001842	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	-3.00	-0.001579	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	-1.70	-0.000895	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	-3.00	-0.001579	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-1.30	-0.000684	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	0.80	0.000430	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	1.20	0.000645	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	0.20	0.000108	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	0.80	0.000430	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	2.70	0.001452	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	1.50	0.000806	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	2.40	0.001290	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	-0.80	-0.000430	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-3.10	-0.001649	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-3.60	-0.001915	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-3.10	-0.001649	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-4.20	-0.002234	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-3.00	-0.001596	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-1.70	-0.000904	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-4.60	-0.002447	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-3.00	-0.001596	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-0.60	-0.000316	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-4.40	-0.002316	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-1.20	-0.000632	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-1.50	-0.000789	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-3.60	-0.001895	±2.5	PASS

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