Appendix B

E-UTRA Band 2

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CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER 3

1.1. TEST RESULT 3

2. PEAK-TO-AVERAGE RATIO (CCDF) 15

2.1. TEST RESULT 15

2.2. TEST PLOTS 15

3. MODULATION CHARACTERISTICS 20

3.1. TEST MODE = LTE /TM1 20MHZ 20

3.1.1. TEST CHANNEL = MCH 20

3.2. TEST MODE = LTE /TM2 20MHZ 21

3.2.1. TEST CHANNEL = MCH 21

3.3. TEST MODE = LTE /TM3 20MHZ 22

3.3.1. TEST CHANNEL = MCH 22

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH 23

4.1. TEST RESULT 23

4.2. TEST PLOTS 25

5. BAND EDGE COMPLIANCE 52

5.1. TEST RESULT 52

5.2. TEST PLOTS 54

6. SPURIOUS EMISSION AT ANTENNA TERMINAL 91

6.1. 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

8.2. FREQUENCY VS TEMPERATURE 104

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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	23.05	27.05	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.07	27.07	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	22.98	26.98	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.05	27.05	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.03	27.03	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.07	27.07	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.09	26.09	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.03	27.03	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.05	27.05	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.96	26.96	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.07	27.07	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.03	27.03	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.02	27.02	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.11	26.11	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.94	26.94	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.93	26.93	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.81	26.81	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.95	26.95	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.93	26.93	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.89	26.89	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.02	26.02	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	22.66	26.66	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	22.59	26.59	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	22.60	26.6	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	22.57	26.57	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	22.64	26.64	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	22.65	26.65	33	PASS

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Band2	1.4MHz	64QAM	18607	6RB#0	21.55	25.55	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	22.67	26.67	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	22.70	26.7	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	22.66	26.66	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	22.64	26.64	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	22.70	26.7	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	22.59	26.59	33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	21.57	25.57	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	22.50	26.5	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	22.55	26.55	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	22.55	26.55	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	22.52	26.52	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	22.62	26.62	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	22.57	26.57	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	21.45	25.45	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.24	26.24	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.31	26.31	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.20	26.2	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.11	26.11	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.22	26.22	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.14	26.14	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.17	25.17	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.34	26.34	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.30	26.3	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.51	26.51	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.17	26.17	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.29	26.29	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.25	26.25	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.21	25.21	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.17	26.17	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.24	26.24	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.31	26.31	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.09	26.09	33	PASS

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Band2	1.4MHz	16QAM	19193	3RB#1	22.13	26.13	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.13	26.13	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.08	25.08	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.17	27.17	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.09	27.09	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.12	27.12	33	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.22	26.22	33	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.16	26.16	33	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.24	26.24	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.21	26.21	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.16	27.16	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.13	27.13	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.04	27.04	33	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.21	26.21	33	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.24	26.24	33	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.16	26.16	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.18	26.18	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.03	27.03	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.90	26.9	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.01	27.01	33	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.11	26.11	33	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.12	26.12	33	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.05	26.05	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.06	26.06	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	22.65	26.65	33	PASS
Band2	3MHz	64QAM	18615	1RB#8	22.79	26.79	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	22.70	26.7	33	PASS
Band2	3MHz	64QAM	18615	8RB#0	21.64	25.64	33	PASS
Band2	3MHz	64QAM	18615	8RB#4	21.64	25.64	33	PASS
Band2	3MHz	64QAM	18615	8RB#7	21.68	25.68	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	21.67	25.67	33	PASS
Band2	3MHz	64QAM	18900	1RB#14	22.76	26.76	33	PASS
Band2	3MHz	64QAM	18900	1RB#0	22.66	26.66	33	PASS

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Band2	3MHz	64QAM	18900	1RB#8	22.83	26.83	33	PASS
Band2	3MHz	64QAM	18900	8RB#0	21.68	25.68	33	PASS
Band2	3MHz	64QAM	18900	8RB#7	21.66	25.66	33	PASS
Band2	3MHz	64QAM	18900	8RB#4	21.69	25.69	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	21.64	25.64	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	22.60	26.6	33	PASS
Band2	3MHz	64QAM	19185	1RB#8	22.76	26.76	33	PASS
Band2	3MHz	64QAM	19185	1RB#14	22.64	26.64	33	PASS
Band2	3MHz	64QAM	19185	8RB#7	21.54	25.54	33	PASS
Band2	3MHz	64QAM	19185	8RB#0	21.50	25.5	33	PASS
Band2	3MHz	64QAM	19185	8RB#4	21.57	25.57	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	21.54	25.54	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.24	26.24	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.43	26.43	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.37	26.37	33	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.22	25.22	33	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.15	25.15	33	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.26	25.26	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.19	25.19	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.43	26.43	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.50	26.5	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.32	26.32	33	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.30	25.3	33	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.27	25.27	33	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.30	25.3	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.21	25.21	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.23	26.23	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.49	26.49	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.31	26.31	33	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.12	25.12	33	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.20	25.2	33	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.17	25.17	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.06	25.06	33	PASS

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Band2	5MHz	QPSK	18625	1RB#12	23.10	27.1	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.10	27.1	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.16	27.16	33	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.24	26.24	33	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.26	26.26	33	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.15	26.15	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.25	26.25	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.09	27.09	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.04	27.04	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.11	27.11	33	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.18	26.18	33	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.19	26.19	33	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.22	26.22	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.17	26.17	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.98	26.98	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.98	26.98	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.00	27	33	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.08	26.08	33	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.14	26.14	33	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.15	26.15	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.05	26.05	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	22.73	26.73	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	22.69	26.69	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	22.72	26.72	33	PASS
Band2	5MHz	64QAM	18625	12RB#0	21.62	25.62	33	PASS
Band2	5MHz	64QAM	18625	12RB#13	21.67	25.67	33	PASS
Band2	5MHz	64QAM	18625	12RB#6	21.69	25.69	33	PASS
Band2	5MHz	64QAM	18625	25RB#0	21.67	25.67	33	PASS
Band2	5MHz	64QAM	18900	1RB#12	22.81	26.81	33	PASS
Band2	5MHz	64QAM	18900	1RB#0	22.73	26.73	33	PASS
Band2	5MHz	64QAM	18900	1RB#24	22.65	26.65	33	PASS
Band2	5MHz	64QAM	18900	12RB#0	21.66	25.66	33	PASS
Band2	5MHz	64QAM	18900	12RB#6	21.69	25.69	33	PASS

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Band2	5MHz	64QAM	18900	12RB#13	21.69	25.69	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	21.64	25.64	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	22.70	26.7	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	22.66	26.66	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	22.65	26.65	33	PASS
Band2	5MHz	64QAM	19175	12RB#13	21.61	25.61	33	PASS
Band2	5MHz	64QAM	19175	12RB#6	21.56	25.56	33	PASS
Band2	5MHz	64QAM	19175	12RB#0	21.56	25.56	33	PASS
Band2	5MHz	64QAM	19175	25RB#0	21.56	25.56	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.39	26.39	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.47	26.47	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.28	26.28	33	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.20	25.2	33	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.27	25.27	33	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.30	25.3	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.23	25.23	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.43	26.43	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.48	26.48	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.50	26.5	33	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.29	25.29	33	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.26	25.26	33	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.27	25.27	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.13	25.13	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.42	26.42	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.36	26.36	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.46	26.46	33	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.15	25.15	33	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.20	25.2	33	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.18	25.18	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.18	25.18	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.13	27.13	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.07	27.07	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.12	27.12	33	PASS

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Band2	10MHz	QPSK	18650	25RB#0	22.24	26.24	33	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.27	26.27	33	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.18	26.18	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.20	26.2	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.96	26.96	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.99	26.99	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.02	27.02	33	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.18	26.18	33	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.18	26.18	33	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.16	26.16	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.16	26.16	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.97	26.97	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.91	26.91	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.99	26.99	33	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.03	26.03	33	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.13	26.13	33	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.07	26.07	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.07	26.07	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	22.64	26.64	33	PASS
Band2	10MHz	64QAM	18650	1RB#49	22.71	26.71	33	PASS
Band2	10MHz	64QAM	18650	1RB#24	22.70	26.7	33	PASS
Band2	10MHz	64QAM	18650	25RB#12	21.71	25.71	33	PASS
Band2	10MHz	64QAM	18650	25RB#0	21.64	25.64	33	PASS
Band2	10MHz	64QAM	18650	25RB#25	21.64	25.64	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	21.67	25.67	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	22.71	26.71	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	22.81	26.81	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	22.63	26.63	33	PASS
Band2	10MHz	64QAM	18900	25RB#0	21.67	25.67	33	PASS
Band2	10MHz	64QAM	18900	25RB#12	21.67	25.67	33	PASS
Band2	10MHz	64QAM	18900	25RB#25	21.61	25.61	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	21.66	25.66	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	22.68	26.68	33	PASS

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Band2	10MHz	64QAM	19150	1RB#24	22.66	26.66	33	PASS
Band2	10MHz	64QAM	19150	1RB#0	22.67	26.67	33	PASS
Band2	10MHz	64QAM	19150	25RB#25	21.49	25.49	33	PASS
Band2	10MHz	64QAM	19150	25RB#0	21.56	25.56	33	PASS
Band2	10MHz	64QAM	19150	25RB#12	21.60	25.6	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	21.53	25.53	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.38	26.38	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.44	26.44	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.27	26.27	33	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.19	25.19	33	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.22	25.22	33	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.25	25.25	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.22	25.22	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.38	26.38	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.43	26.43	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.56	26.56	33	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.24	25.24	33	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.23	25.23	33	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.23	25.23	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.19	25.19	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.40	26.4	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.33	26.33	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.38	26.38	33	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.18	25.18	33	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.15	25.15	33	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.10	25.1	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.14	25.14	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.26	27.26	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.17	27.17	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.34	27.34	33	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.36	26.36	33	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.34	26.34	33	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.31	26.31	33	PASS

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Band2	15MHz	QPSK	18675	75RB#0	22.31	26.31	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.24	27.24	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.18	27.18	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.23	27.23	33	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.29	26.29	33	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.35	26.35	33	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.27	26.27	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.31	26.31	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.10	27.1	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.09	27.09	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.21	27.21	33	PASS
Band2	15MHz	QPSK	19125	36RB#39	22.29	26.29	33	PASS
Band2	15MHz	QPSK	19125	36RB#0	22.19	26.19	33	PASS
Band2	15MHz	QPSK	19125	36RB#18	22.27	26.27	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.24	26.24	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	22.82	26.82	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	22.72	26.72	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	22.79	26.79	33	PASS
Band2	15MHz	64QAM	18675	36RB#0	21.67	25.67	33	PASS
Band2	15MHz	64QAM	18675	36RB#18	21.71	25.71	33	PASS
Band2	15MHz	64QAM	18675	36RB#39	21.72	25.72	33	PASS
Band2	15MHz	64QAM	18675	75RB#0	21.74	25.74	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	22.83	26.83	33	PASS
Band2	15MHz	64QAM	18900	1RB#38	22.83	26.83	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	22.82	26.82	33	PASS
Band2	15MHz	64QAM	18900	36RB#0	21.67	25.67	33	PASS
Band2	15MHz	64QAM	18900	36RB#18	21.73	25.73	33	PASS
Band2	15MHz	64QAM	18900	36RB#39	21.78	25.78	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	21.72	25.72	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	22.77	26.77	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	22.81	26.81	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	22.67	26.67	33	PASS
Band2	15MHz	64QAM	19125	36RB#0	21.57	25.57	33	PASS

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Band2	15MHz	64QAM	19125	36RB#39	21.72	25.72	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	21.68	25.68	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.59	26.59	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.50	26.5	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.57	26.57	33	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.26	25.26	33	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.35	25.35	33	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.30	25.3	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.30	25.3	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.50	26.5	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.58	26.58	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.59	26.59	33	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.26	25.26	33	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.40	25.4	33	PASS
Band2	15MHz	16QAM	18900	36RB#39	21.37	25.37	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.36	25.36	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.26	26.26	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.57	26.57	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.59	26.59	33	PASS
Band2	15MHz	16QAM	19125	36RB#39	21.36	25.36	33	PASS
Band2	15MHz	16QAM	19125	36RB#0	21.25	25.25	33	PASS
Band2	15MHz	16QAM	19125	36RB#18	21.29	25.29	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.27	25.27	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.18	27.18	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.32	27.32	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.23	27.23	33	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.33	26.33	33	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.38	26.38	33	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.40	26.4	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.37	26.37	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.24	27.24	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.18	27.18	33	PASS

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Band2	20MHz	QPSK	18900	1RB#0	23.19	27.19	33	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.33	26.33	33	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.30	26.3	33	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.36	26.36	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.31	26.31	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.11	27.11	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.99	26.99	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.18	27.18	33	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.23	26.23	33	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.28	26.28	33	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.22	26.22	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.26	26.26	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	22.74	26.74	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	22.72	26.72	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	22.86	26.86	33	PASS
Band2	20MHz	64QAM	18700	50RB#0	21.72	25.72	33	PASS
Band2	20MHz	64QAM	18700	50RB#25	21.79	25.79	33	PASS
Band2	20MHz	64QAM	18700	50RB#50	21.82	25.82	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	21.72	25.72	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	22.80	26.8	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	22.78	26.78	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	22.75	26.75	33	PASS
Band2	20MHz	64QAM	18900	50RB#25	21.79	25.79	33	PASS
Band2	20MHz	64QAM	18900	50RB#50	21.78	25.78	33	PASS
Band2	20MHz	64QAM	18900	50RB#0	21.71	25.71	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	21.77	25.77	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	22.72	26.72	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	22.76	26.76	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	22.65	26.65	33	PASS
Band2	20MHz	64QAM	19100	50RB#50	21.75	25.75	33	PASS
Band2	20MHz	64QAM	19100	50RB#0	21.62	25.62	33	PASS
Band2	20MHz	64QAM	19100	50RB#25	21.65	25.65	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	21.63	25.63	33	PASS

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Band2	20MHz	16QAM	18700	1RB#99	22.52	26.52	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.54	26.54	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.42	26.42	33	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.34	25.34	33	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.36	25.36	33	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.37	25.37	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.34	25.34	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.39	26.39	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.54	26.54	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.46	26.46	33	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.34	25.34	33	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.30	25.3	33	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.44	25.44	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.34	25.34	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.53	26.53	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.44	26.44	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.28	26.28	33	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.33	25.33	33	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.28	25.28	33	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.21	25.21	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.26	25.26	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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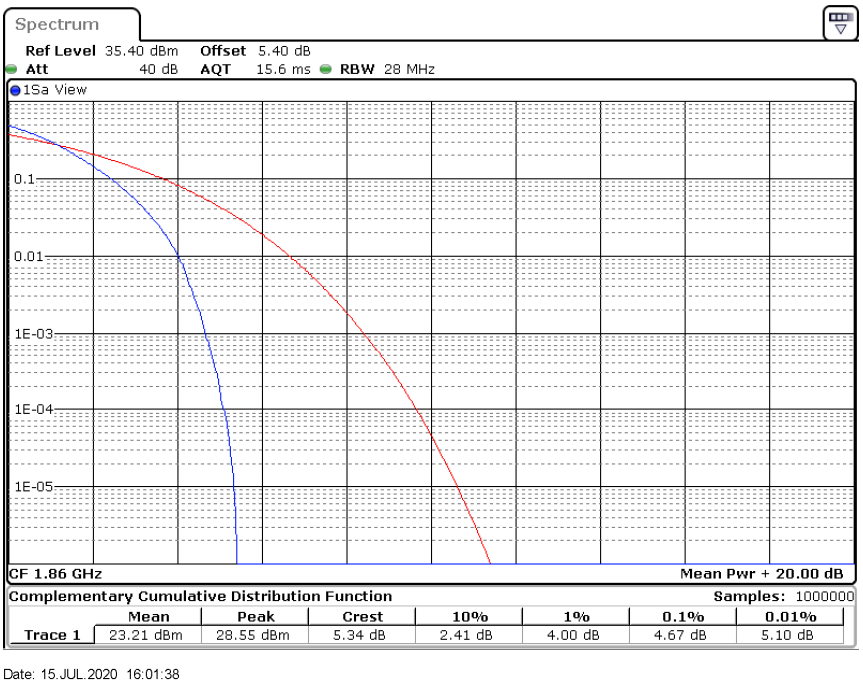
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	4.67	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.87	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.13	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	5.97	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.35	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.32	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.57	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.86	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.06	13	PASS

2.2. Test Plots

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



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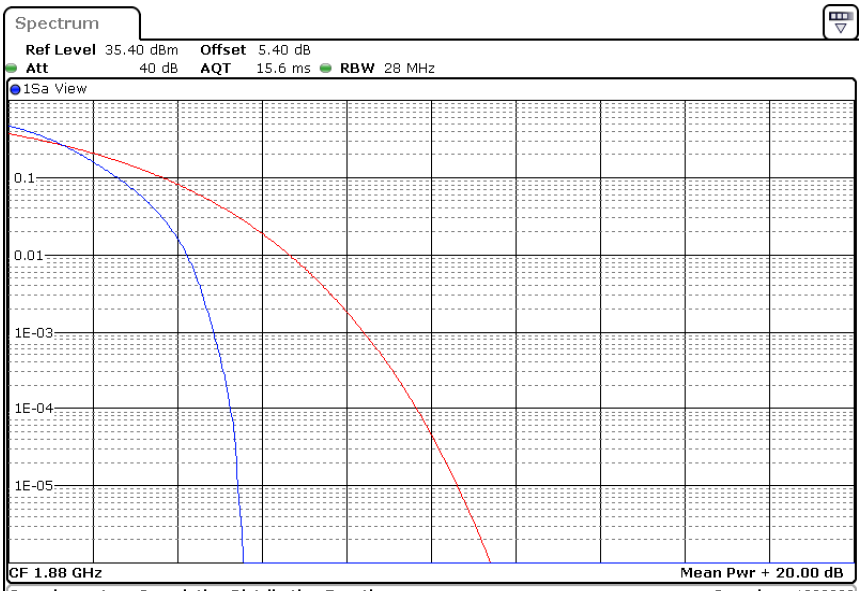
Band2-20MHz-QPSK-18900-100RB#0

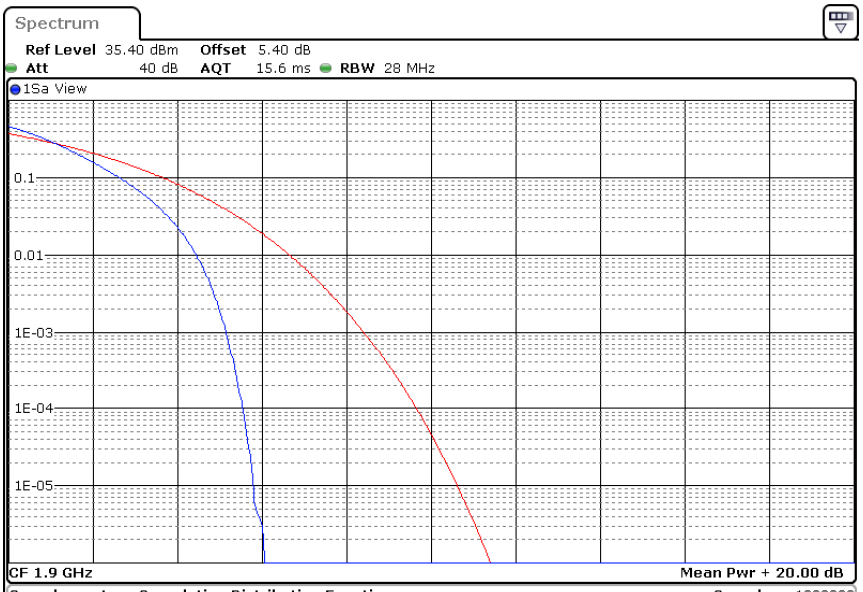


Complementary Cumulative Distribution Function — Samples: 1000000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	23.37 dBm	28.94 dBm	5.56 dB	2.58 dB	4.23 dB	4.87 dB	5.25 dB

Date: 15.JUL.2020 16:02:01

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



Complementary Cumulative Distribution Function — Samples: 1000000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	22.50 dBm	28.57 dBm	6.07 dB	2.61 dB	4.43 dB	5.13 dB	5.54 dB

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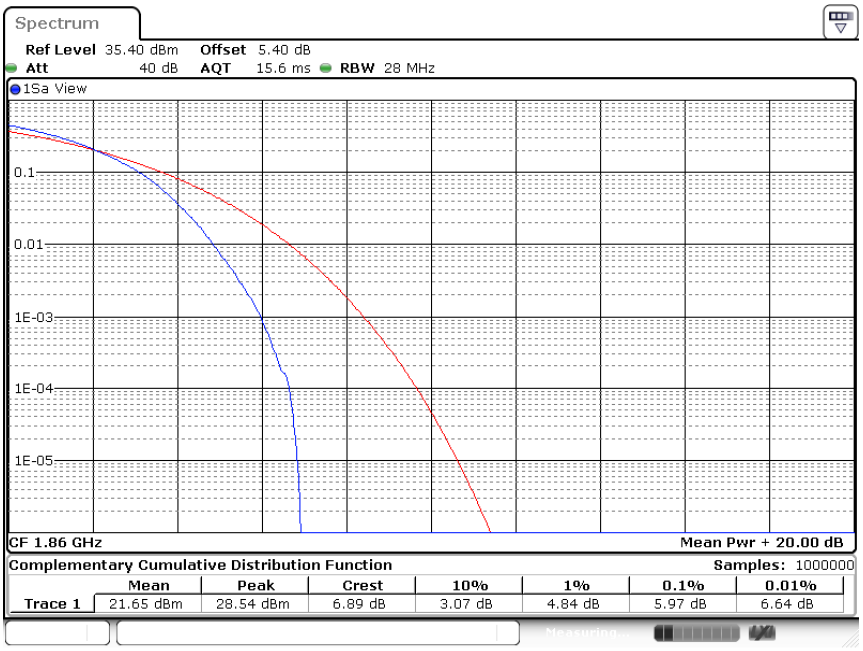
Band2-20MHz-64QAM-18700-100RB#0



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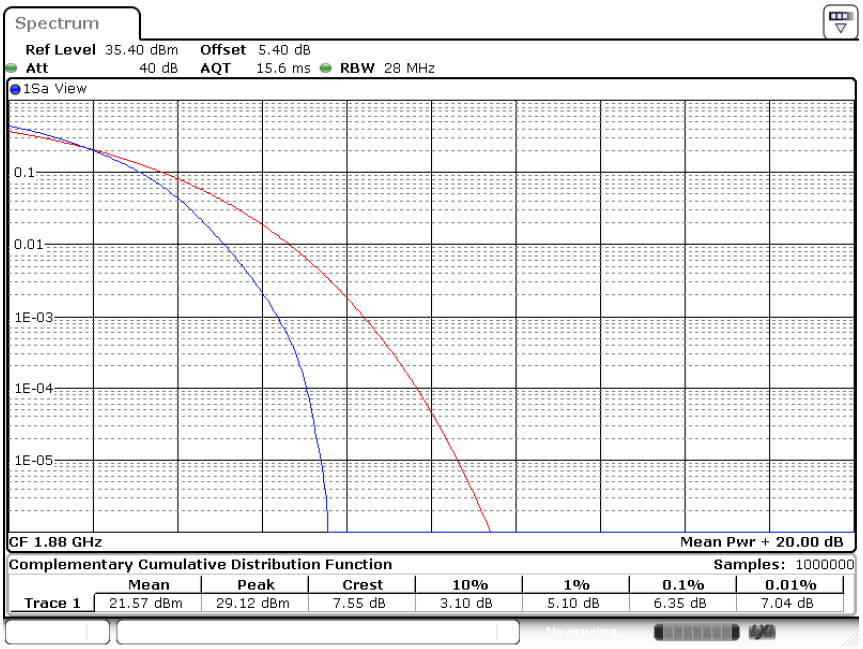
Band2-20MHz-64QAM-18900-100RB#0



Date: 10.AUG.2020 23:27:09

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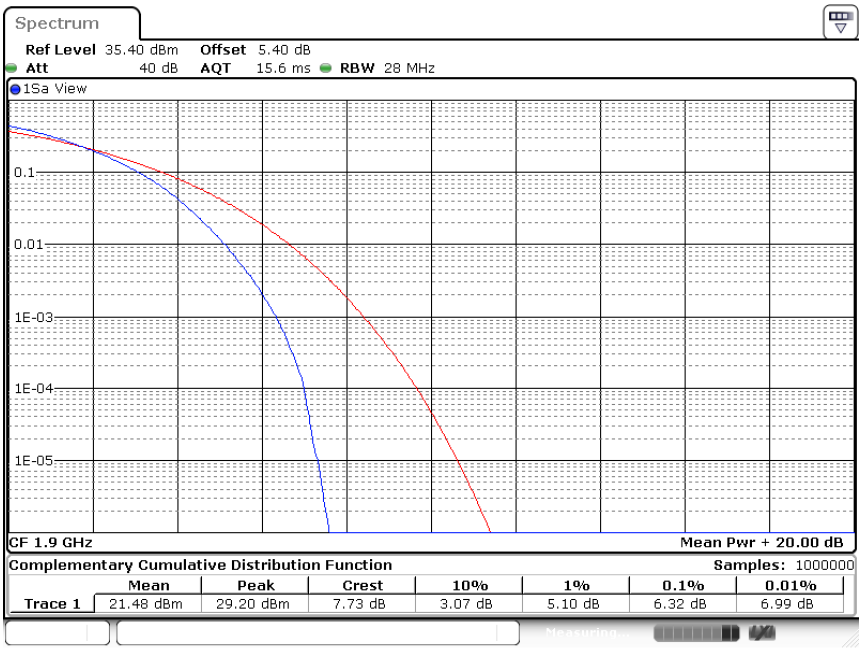
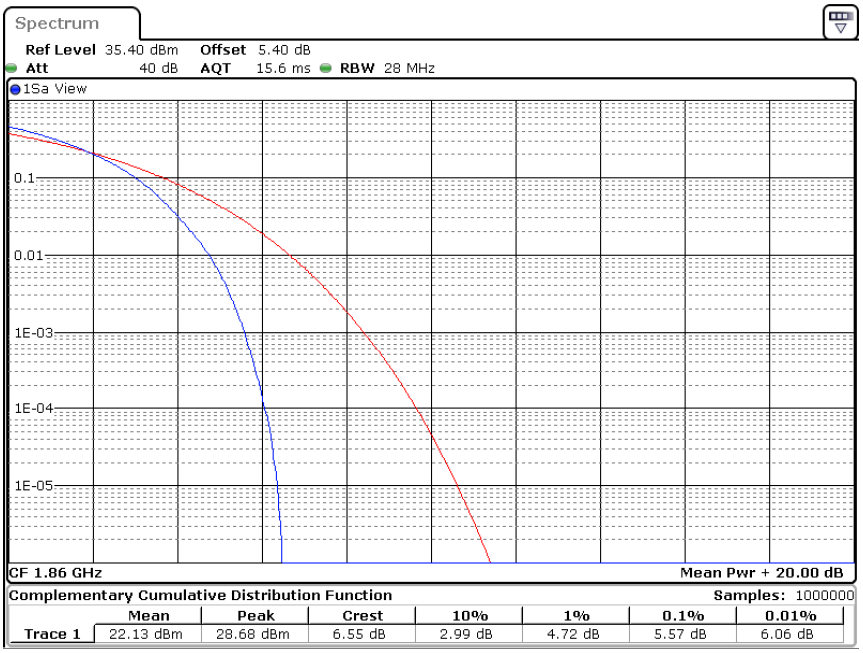
Band2-20MHz-64QAM-19100-100RB#0



Date: 10.AUG.2020 23:27:20

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



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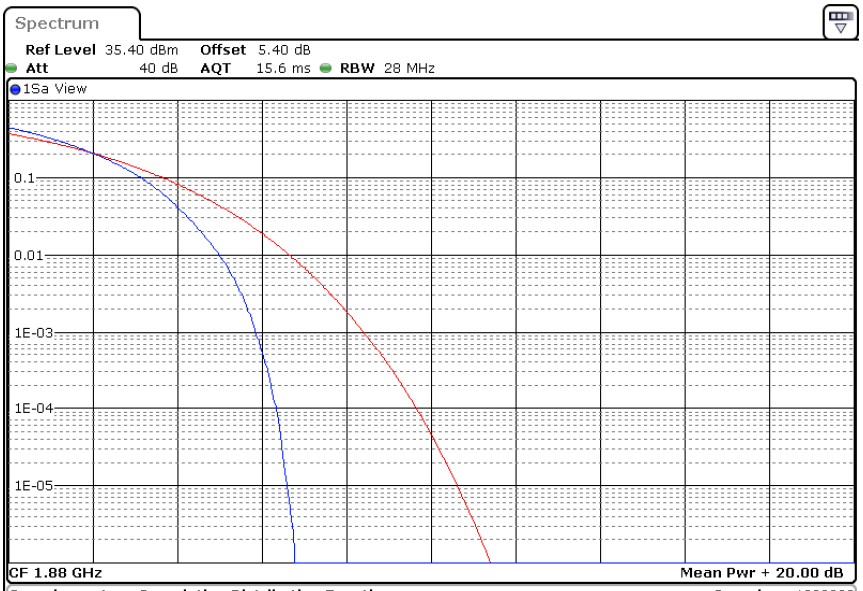

Complementary Cumulative Distribution Function — Samples: 1000000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	22.37 dBm	29.15 dBm	6.79 dB	3.13 dB	4.99 dB	5.86 dB	6.32 dB

Date: 15.JUL.2020 16:02:12

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

Complementary Cumulative Distribution Function — Samples: 1000000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	21.49 dBm	28.54 dBm	7.06 dB	3.13 dB	5.10 dB	6.06 dB	6.64 dB

Date: 15.JUL.2020 16:02:35

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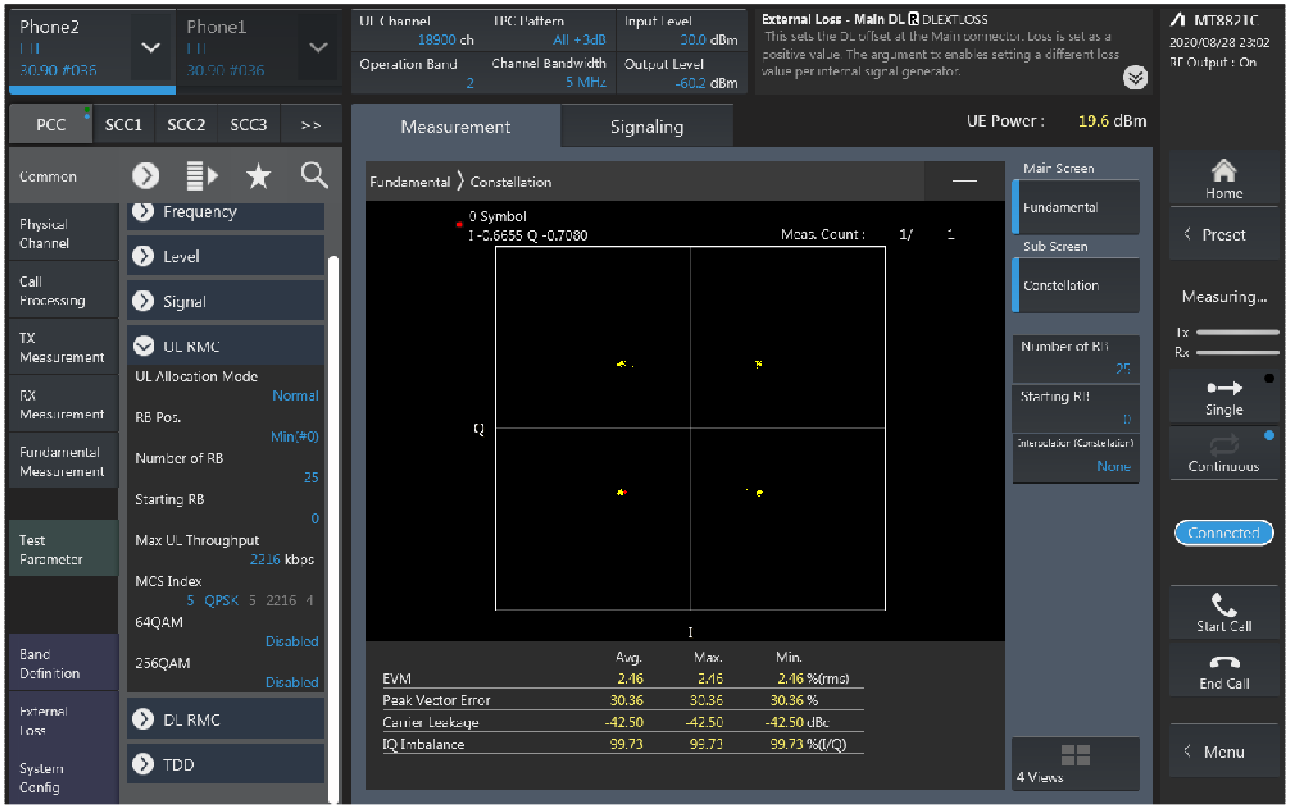
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1.Test Channel = MCH



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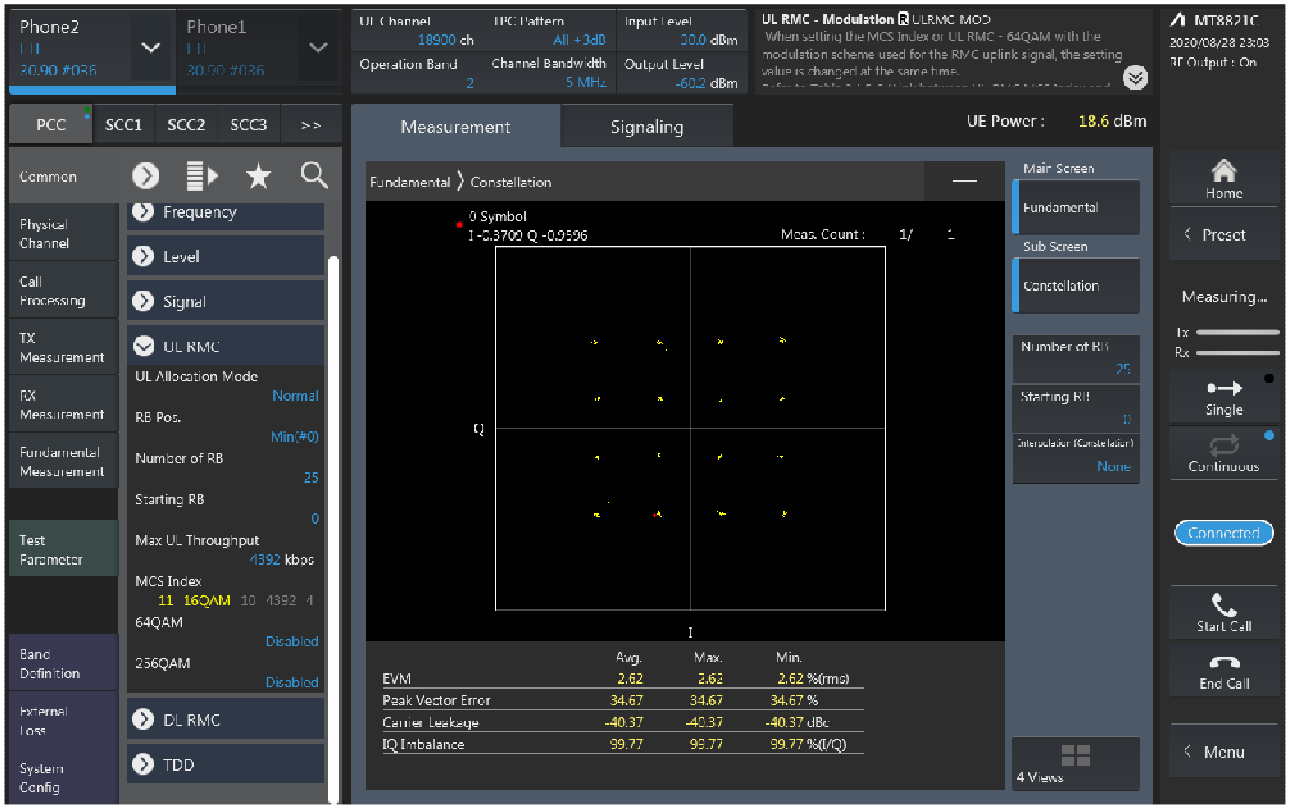
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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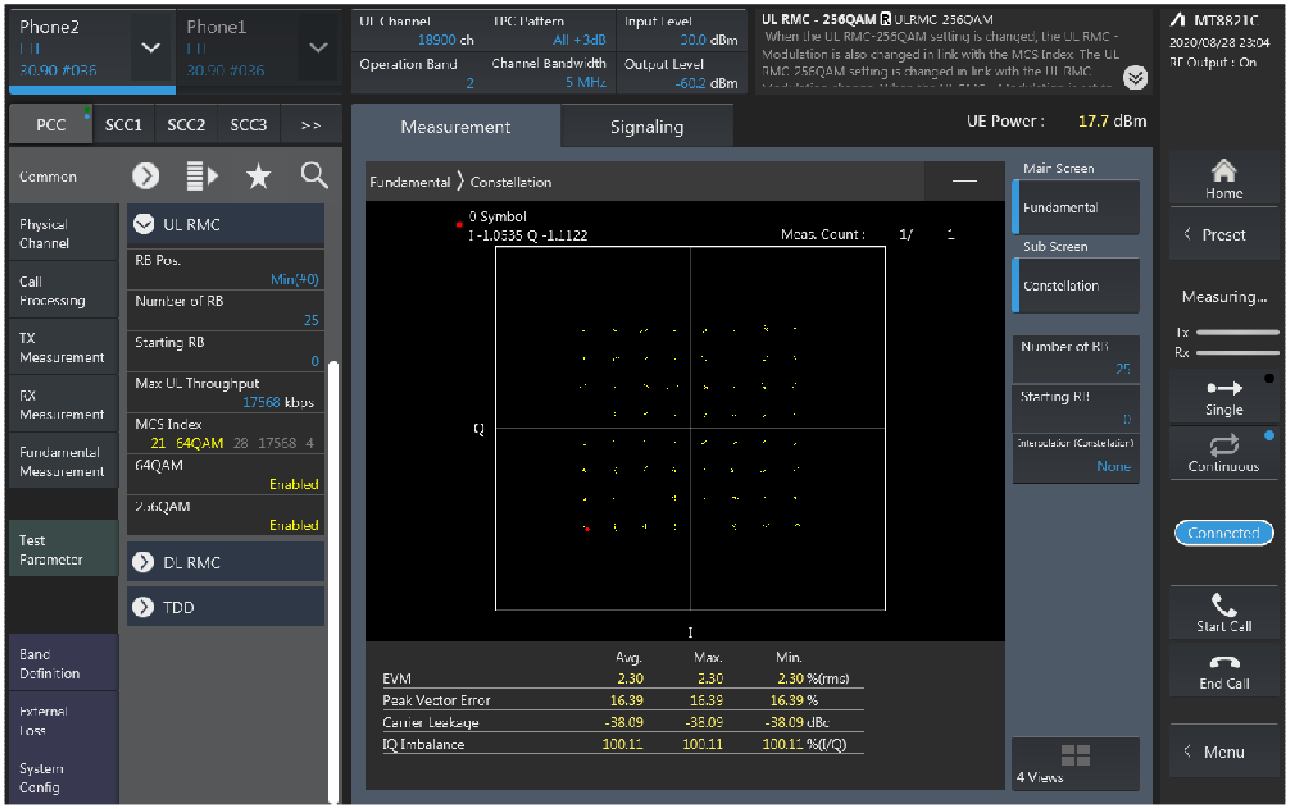
3.3. Test Mode = LTE /TM3 20MHz

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	1.088	1.239	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.091	1.236	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.088	1.236	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.094	1.236	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.094	1.248	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.091	1.239	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.088	1.239	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.085	1.236	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.088	1.236	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	3.006	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.697	3.000	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.697	3.012	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.691	3.000	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.691	2.988	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.685	2.994	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.685	2.970	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.982	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.685	2.982	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.466	4.870	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.890	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.466	4.910	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.466	4.880	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.466	4.890	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.466	4.900	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.486	4.920	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.486	4.920	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.486	4.880	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.911	9.680	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.931	9.680	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.931	9.660	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.931	9.660	PASS

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Band2	10MHz	64QAM	18900	50RB#0	8.931	9.660	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.951	9.660	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.931	9.700	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.700	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.931	9.740	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.457	14.760	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.457	14.790	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.487	14.820	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.427	14.820	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.457	14.850	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.457	14.850	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.427	14.760	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.457	14.700	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.487	14.850	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.862	19.440	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.902	19.440	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.942	19.440	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.862	19.400	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.862	19.440	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.942	19.400	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.862	19.400	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.862	19.440	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.942	19.480	PASS

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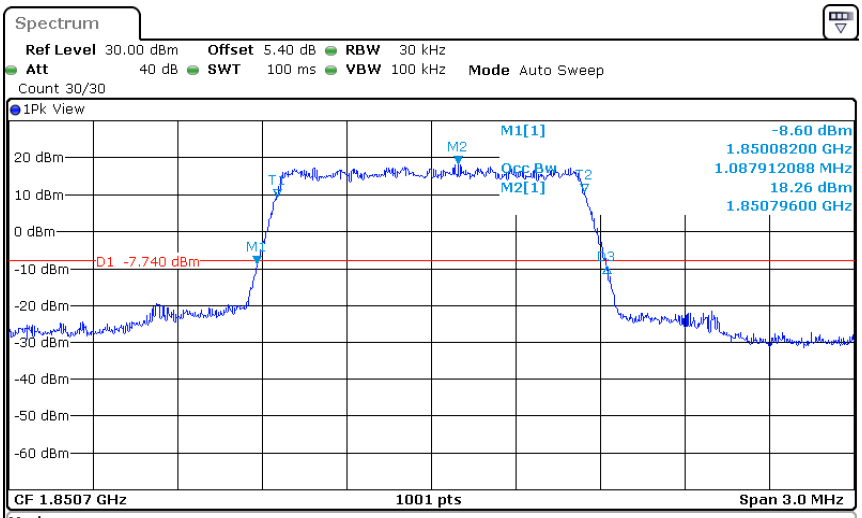
4.2. Test Plots

Band2-1.4MHz-QPSK-18607-6RB#0-1.088

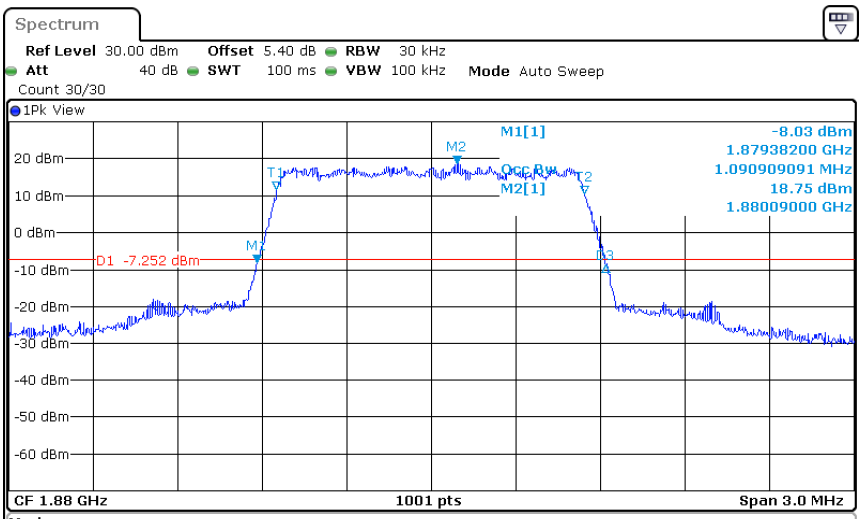


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.850082 GHz	-8.60 dBm		
T1		1	1.85015455 GHz	9.49 dBm	Occ Bw	1.087912088 MHz
T2		1	1.85124246 GHz	10.73 dBm		
M2		1	1.850796 GHz	18.26 dBm		
D3	M1	1	1.239 MHz	-0.69 dB		

Date: 15.JUL.2020 15:19:03

Band2-1.4MHz-QPSK-18900-6RB#0-1.091



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.879382 GHz	-8.03 dBm		
T1		1	1.87945155 GHz	11.71 dBm	Occ Bw	1.090909091 MHz
T2		1	1.88054246 GHz	10.53 dBm		
M2		1	1.88009 GHz	18.75 dBm		
D3	M1	1	1.236 MHz	-0.64 dB		

Date: 15.JUL.2020 15:19:28

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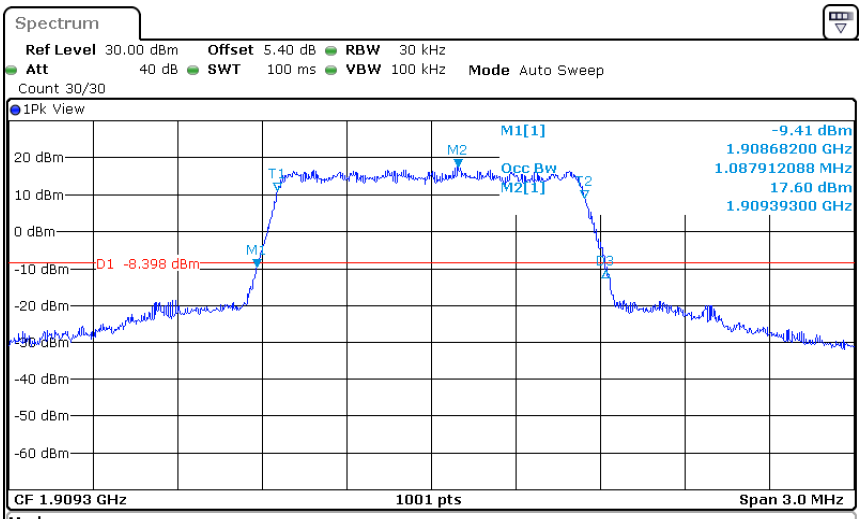
Band2-1.4MHz-QPSK-19193-6RB#0-1.088

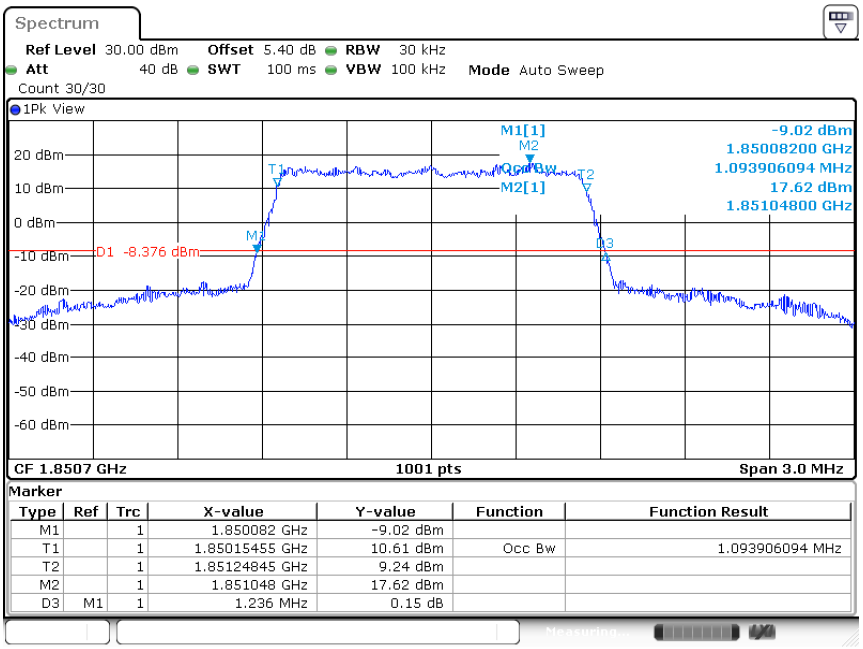


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.908682 GHz	-9.41 dBm		
T1		1	1.90875455 GHz	11.19 dBm	Occ Bw	1.087912088 MHz
T2		1	1.90984246 GHz	9.04 dBm		
M2		1	1.909393 GHz	17.60 dBm		
D3	M1	1	1.236 MHz	-0.99 dB		

Date: 15.JUL.2020 15:19:54

Band2-1.4MHz-64QAM-18607-6RB#0-1.094



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.850082 GHz	-9.02 dBm		
T1		1	1.85015455 GHz	10.61 dBm	Occ Bw	1.093906094 MHz
T2		1	1.85124845 GHz	9.24 dBm		
M2		1	1.851048 GHz	17.62 dBm		
D3	M1	1	1.236 MHz	0.15 dB		

Date: 10.AUG.2020 23:06:06

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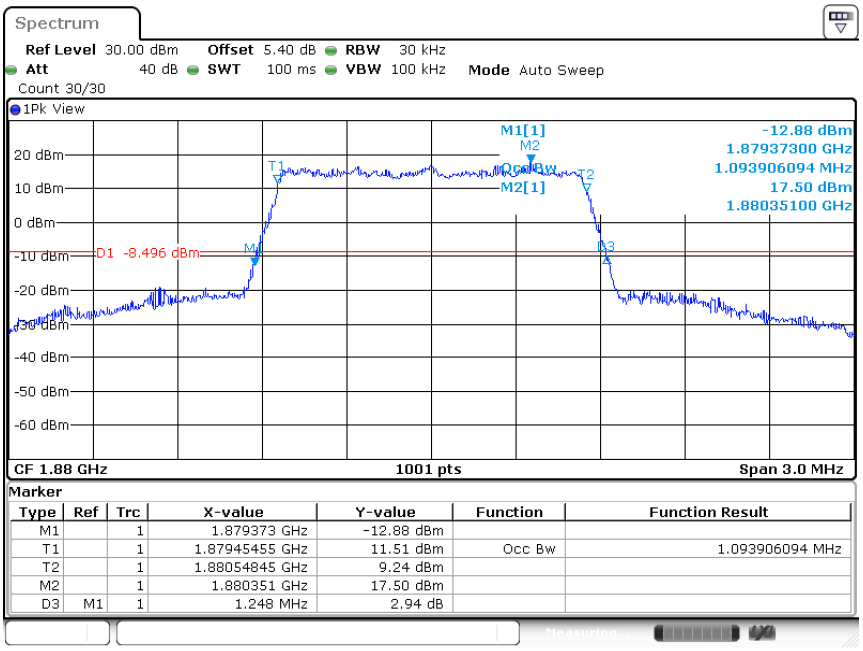
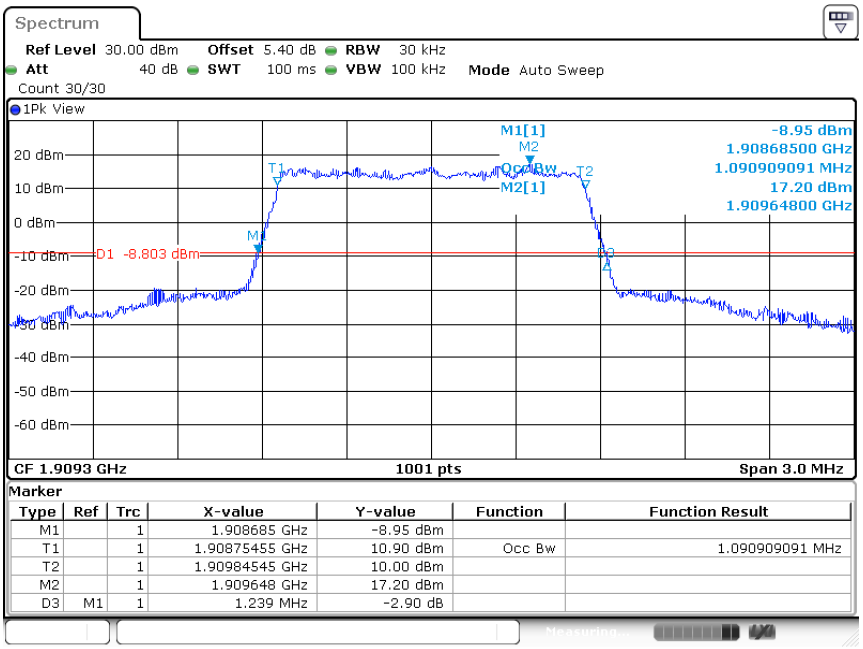
Band2-1.4MHz-64QAM-18900-6RB#0-1.094



Date: 10.AUG.2020 23:06:19

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



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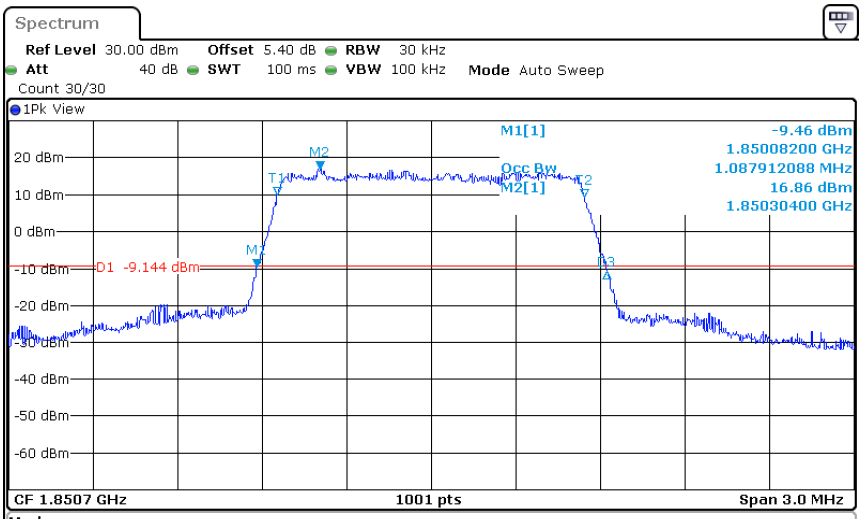
Band2-1.4MHz-16QAM-18607-6RB#0-1.088

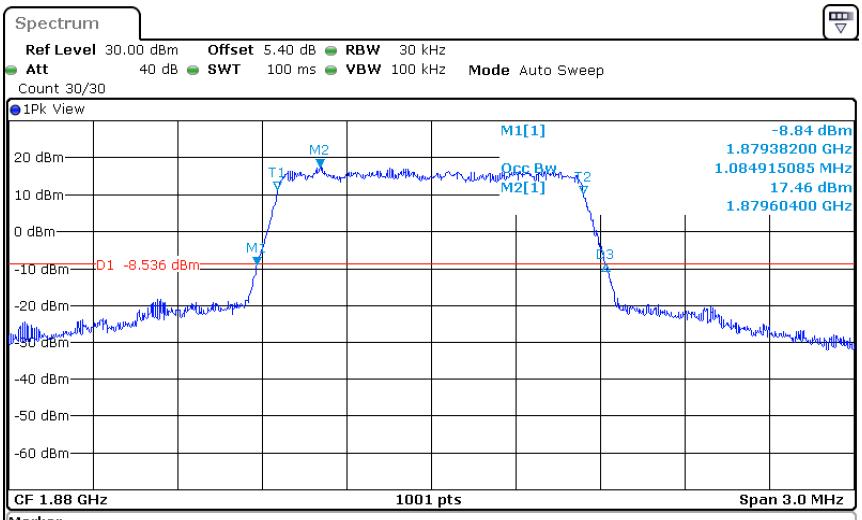


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.850082 GHz	-9.46 dBm		
T1		1	1.85015455 GHz	9.81 dBm	Occ Bw	1.087912088 MHz
T2		1	1.85124246 GHz	9.46 dBm		
M2		1	1.850304 GHz	16.86 dBm		
D3	M1	1	1.239 MHz	-1.11 dB		

Date: 15.JUL.2020 15:19:15

Band2-1.4MHz-16QAM-18900-6RB#0-1.085



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.879382 GHz	-8.84 dBm		
T1		1	1.87945455 GHz	11.35 dBm	Occ Bw	1.084915085 MHz
T2		1	1.88053946 GHz	10.14 dBm		
M2		1	1.879604 GHz	17.46 dBm		
D3	M1	1	1.236 MHz	0.22 dB		

Date: 15.JUL.2020 15:19:41

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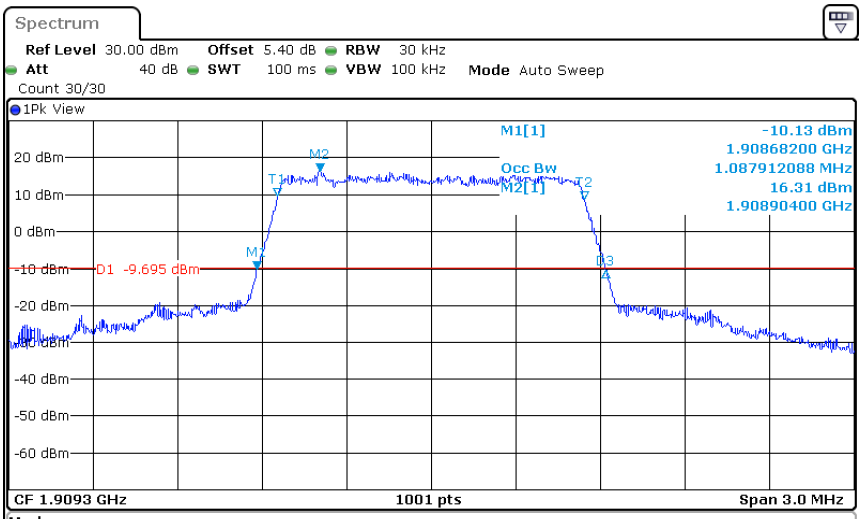
Band2-1.4MHz-16QAM-19193-6RB#0-1.088

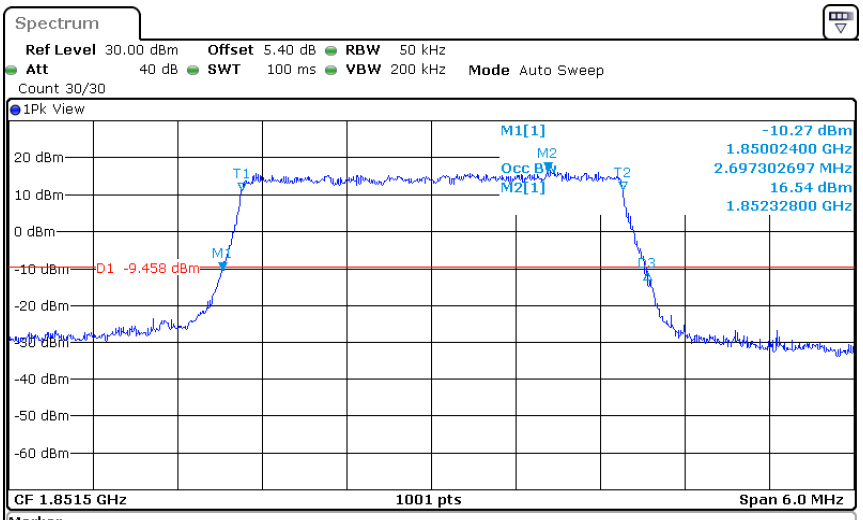


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.908682 GHz	-10.13 dBm		
T1		1	1.90875455 GHz	9.55 dBm	Occ Bw	1.087912088 MHz
T2		1	1.90984246 GHz	8.77 dBm		
M2		1	1.908904 GHz	16.31 dBm		
D3	M1	1	1.236 MHz	-0.18 dB		

Date: 15.JUL.2020 15:20:06

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.850024 GHz	-10.27 dBm		
T1		1	1.85015734 GHz	11.07 dBm	Occ Bw	2.697302697 MHz
T2		1	1.85285465 GHz	11.48 dBm		
M2		1	1.852328 GHz	16.54 dBm		
D3	M1	1	3.006 MHz	-0.77 dB		

Date: 15.JUL.2020 15:20:24

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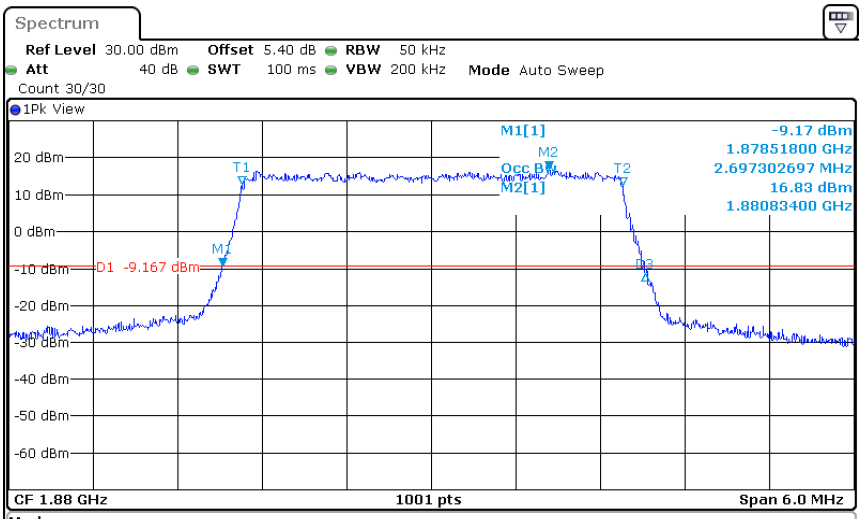
Band2-3MHz-QPSK-18900-15RB#0-2.697



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.878518 GHz	-9.17 dBm		
T1		1	1.87865734 GHz	12.97 dBm	Occ Bw	2.697302697 MHz
T2		1	1.88135465 GHz	12.54 dBm		
M2		1	1.880834 GHz	16.83 dBm		
D3	M1	1	3.0 MHz	-1.99 dB		

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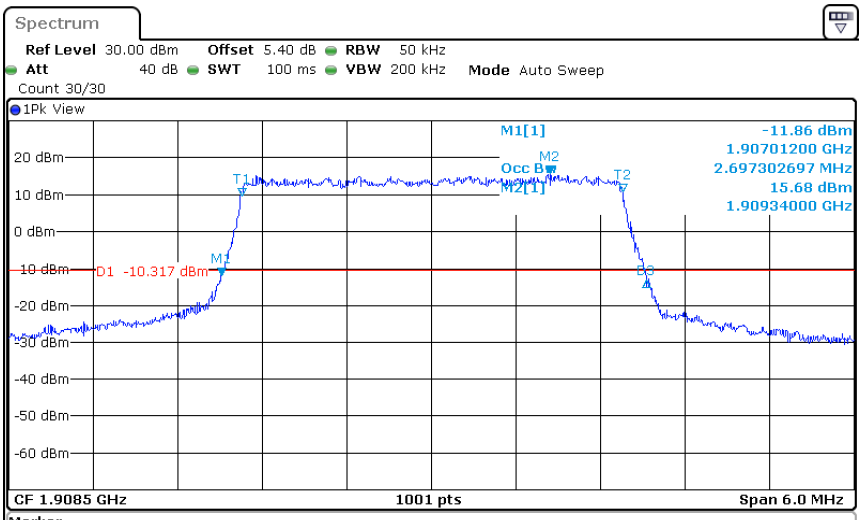
Band2-3MHz-QPSK-19185-15RB#0-2.697



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.907012 GHz	-11.86 dBm		
T1		1	1.90715734 GHz	9.69 dBm	Occ Bw	2.697302697 MHz
T2		1	1.90985465 GHz	10.82 dBm		
M2		1	1.90934 GHz	15.68 dBm		
D3	M1	1	3.012 MHz	-1.21 dB		

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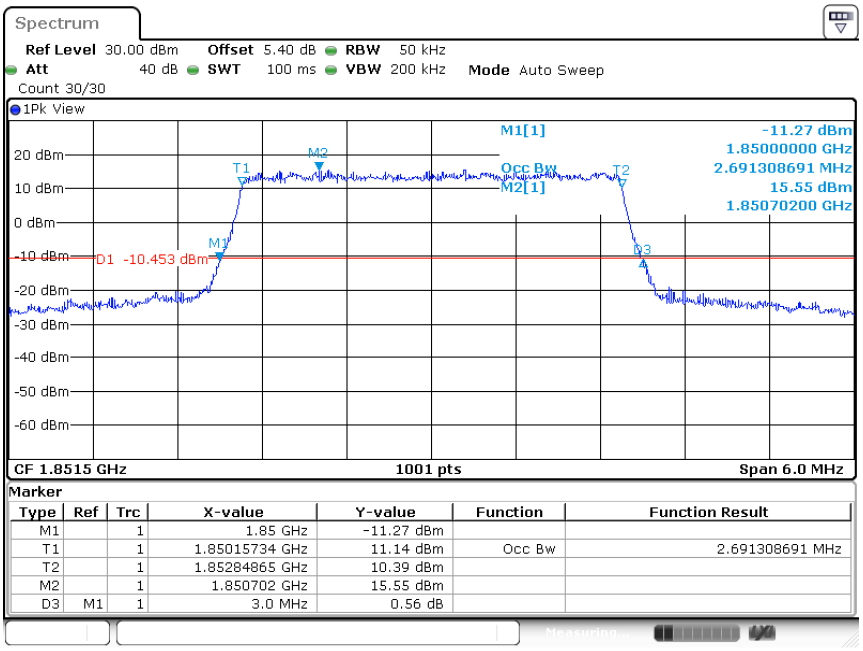
Band2-3MHz-64QAM-18615-15RB#0-2.691



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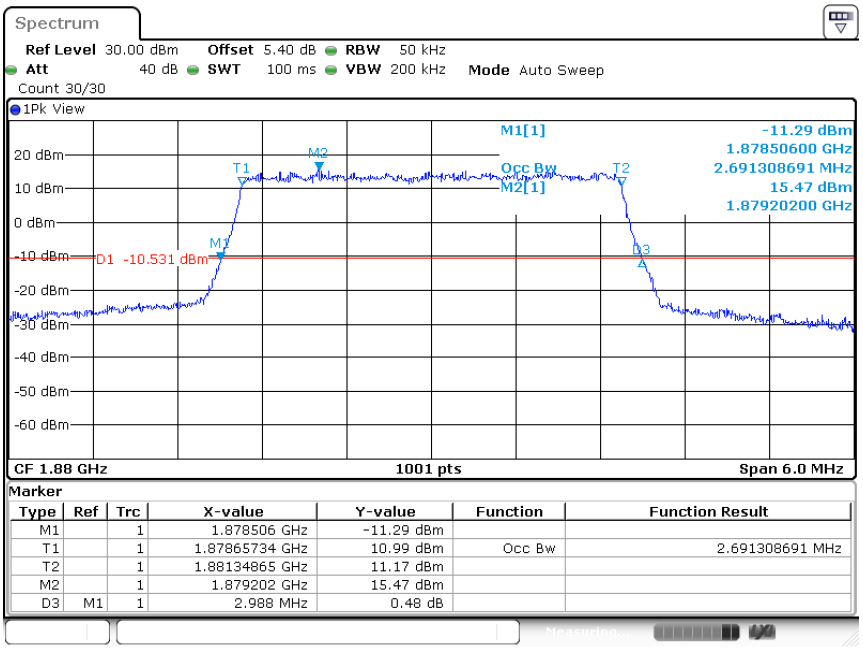
Band2-3MHz-64QAM-18900-15RB#0-2.691



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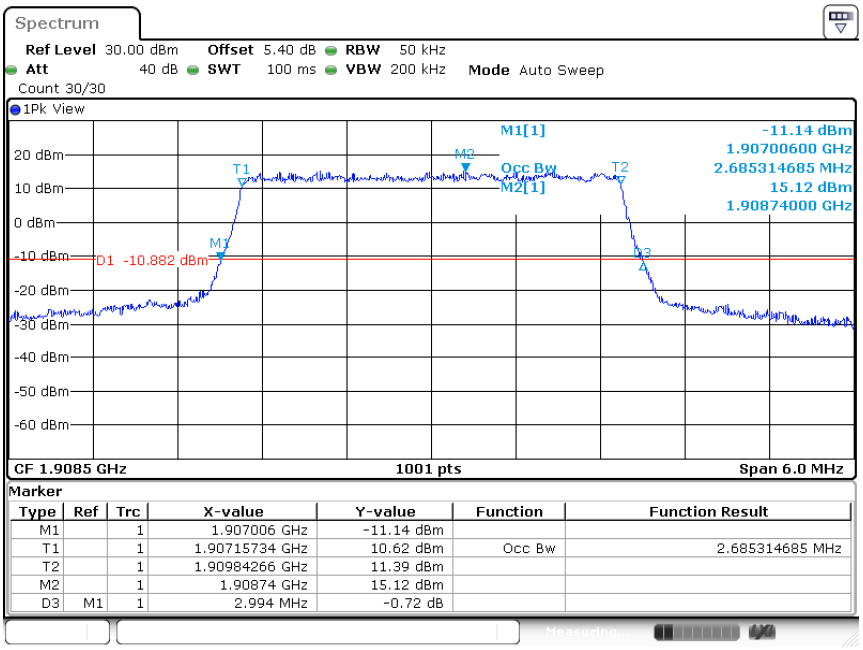
Band2-3MHz-64QAM-19185-15RB#0-2.685



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.907006 GHz	-11.14 dBm		
T1		1	1.90715734 GHz	10.62 dBm	Occ Bw	2.685314685 MHz
T2		1	1.90984266 GHz	11.39 dBm		
M2		1	1.90874 GHz	15.12 dBm		
D3	M1	1	2.994 MHz	-0.72 dB		

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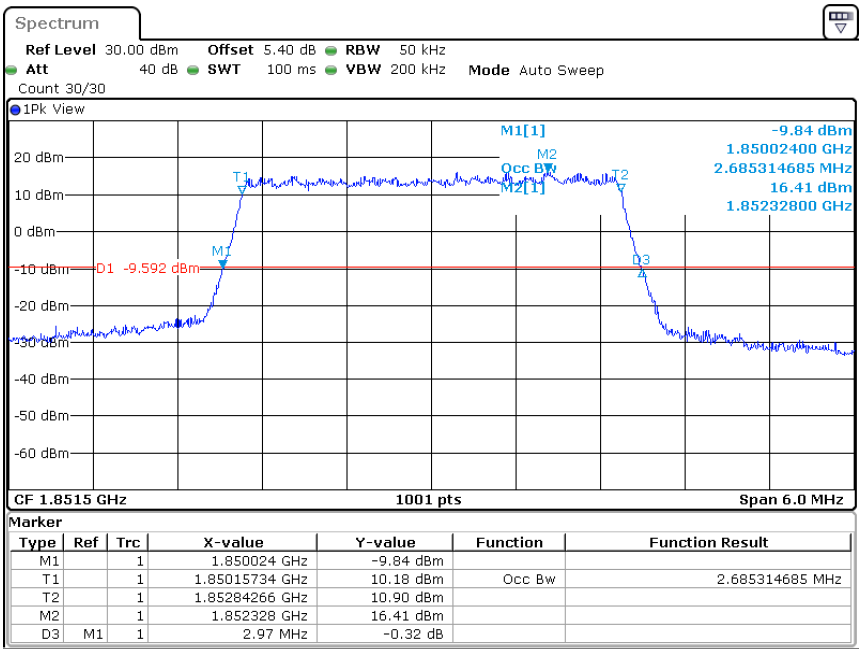
Band2-3MHz-16QAM-18615-15RB#0-2.685



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.850024 GHz	-9.84 dBm		
T1		1	1.85015734 GHz	10.18 dBm	Occ Bw	2.685314685 MHz
T2		1	1.85284266 GHz	10.90 dBm		
M2		1	1.852328 GHz	16.41 dBm		
D3	M1	1	2.97 MHz	-0.32 dB		

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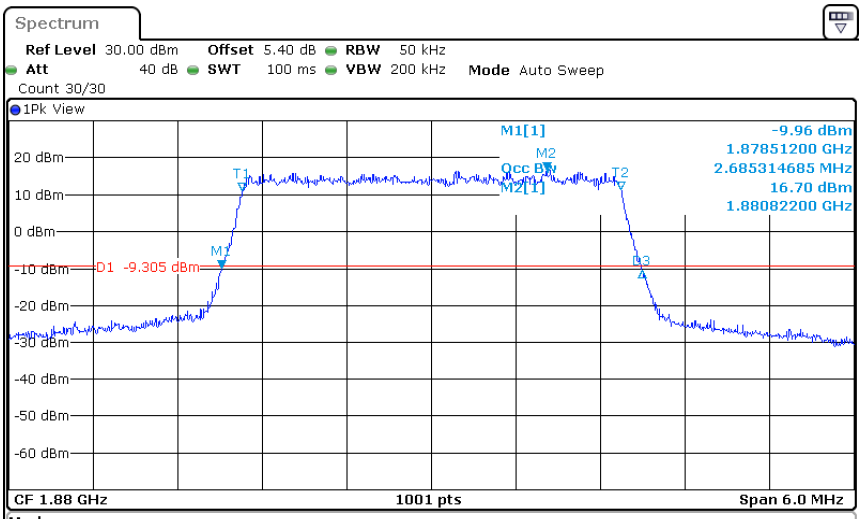
Band2-3MHz-16QAM-18900-15RB#0-2.685

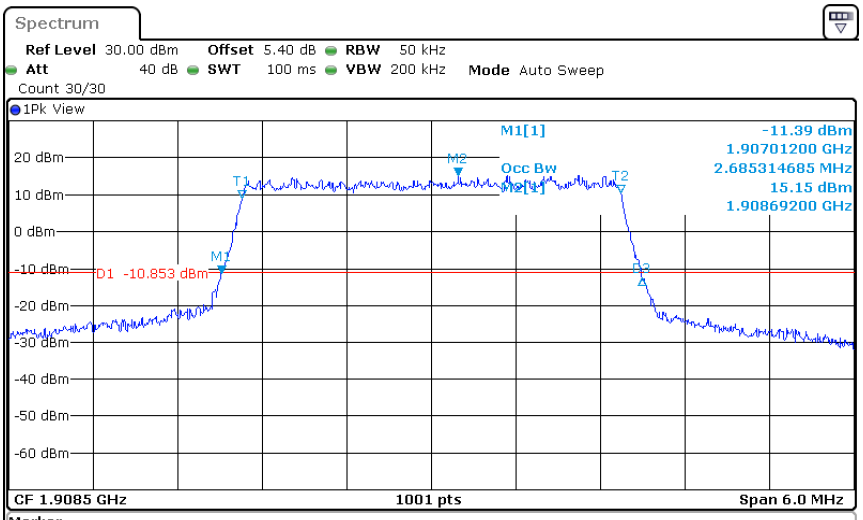


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.878512 GHz	-9.96 dBm		
T1		1	1.87865734 GHz	11.10 dBm	Occ Bw	2.685314685 MHz
T2		1	1.88134266 GHz	11.44 dBm		
M2		1	1.880822 GHz	16.70 dBm		
D3	M1	1	2.982 MHz	-0.37 dB		

Date: 15.JUL.2020 15:21:02

Band2-3MHz-16QAM-19185-15RB#0-2.685



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.907012 GHz	-11.39 dBm		
T1		1	1.90715734 GHz	9.10 dBm	Occ Bw	2.685314685 MHz
T2		1	1.90984266 GHz	10.66 dBm		
M2		1	1.908692 GHz	15.15 dBm		
D3	M1	1	2.982 MHz	-1.18 dB		

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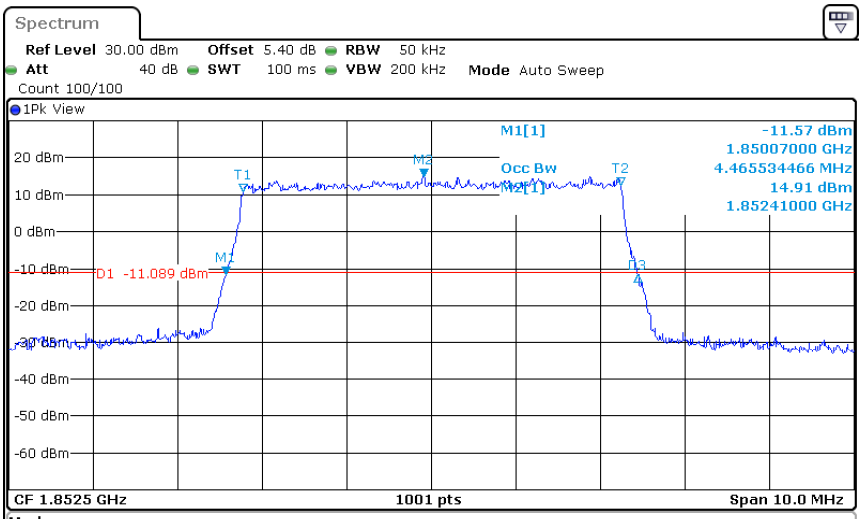
Band2-5MHz-QPSK-18625-25RB#0-4.466



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85007 GHz	-11.57 dBm		
T1		1	1.8502722 GHz	10.94 dBm	Occ Bw	4.465534466 MHz
T2		1	1.8547378 GHz	12.44 dBm		
M2		1	1.85241 GHz	14.91 dBm		
D3	M1	1	4.87 MHz	-0.10 dB		

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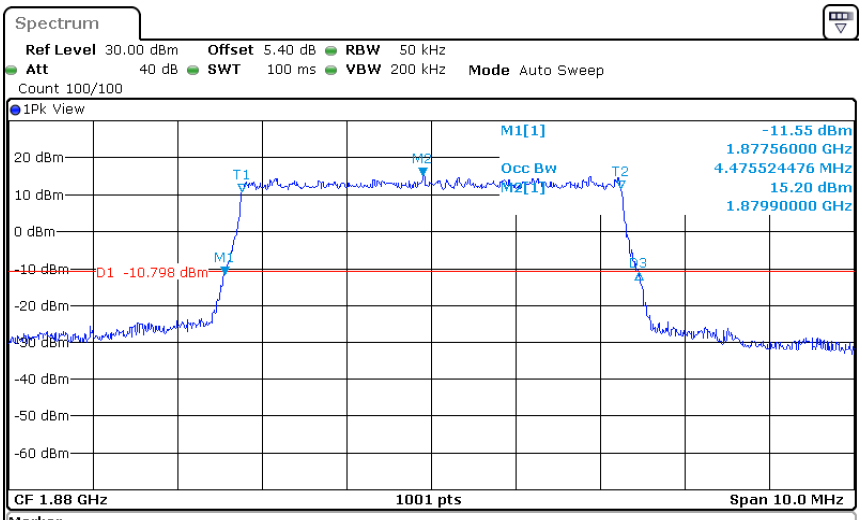
Band2-5MHz-QPSK-18900-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87756 GHz	-11.55 dBm		
T1		1	1.8777622 GHz	10.78 dBm	Occ Bw	4.475524476 MHz
T2		1	1.8822378 GHz	11.79 dBm		
M2		1	1.8799 GHz	15.20 dBm		
D3	M1	1	4.89 MHz	0.67 dB		

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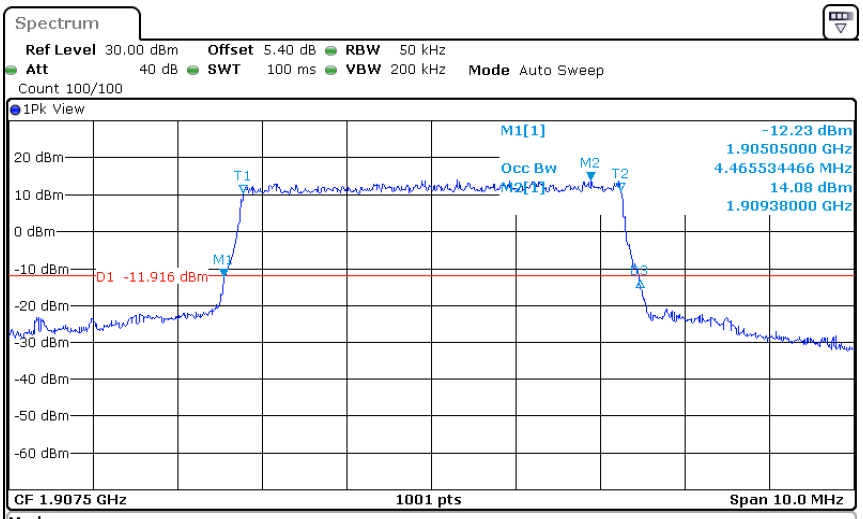
Band2-5MHz-QPSK-19175-25RB#0-4.466



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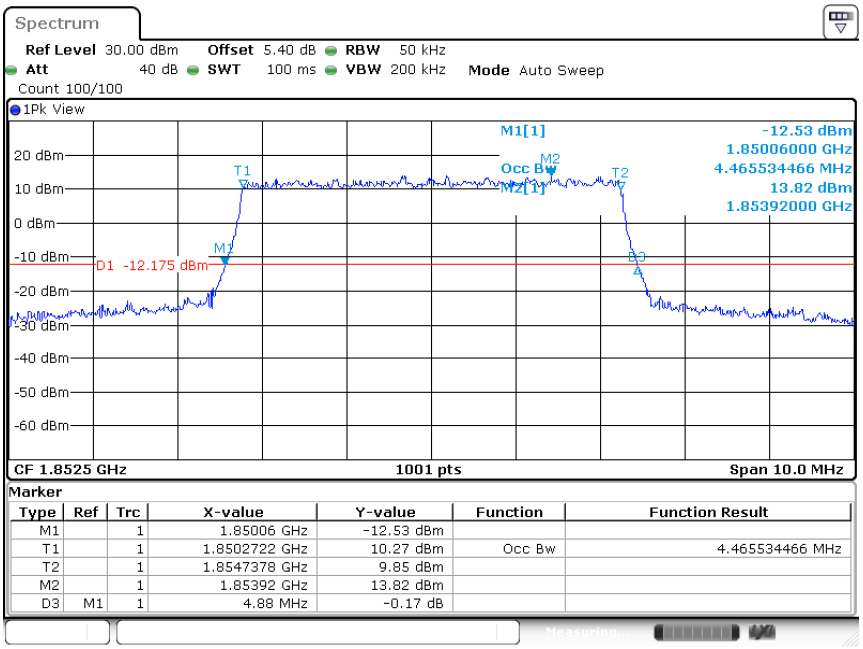
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90505 GHz	-12.23 dBm		
T1		1	1.9052722 GHz	10.53 dBm	Occ Bw	4.465534466 MHz
T2		1	1.9097378 GHz	11.07 dBm		
M2		1	1.90938 GHz	14.08 dBm		
D3	M1	1	4.91 MHz	-0.92 dB		

Date: 15.JUL.2020 15:23:12

Band2-5MHz-64QAM-18625-25RB#0-4.466



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85006 GHz	-12.53 dBm		
T1		1	1.8502722 GHz	10.27 dBm	Occ Bw	4.465534466 MHz
T2		1	1.8547378 GHz	9.85 dBm		
M2		1	1.85392 GHz	13.82 dBm		
D3	M1	1	4.88 MHz	-0.17 dB		

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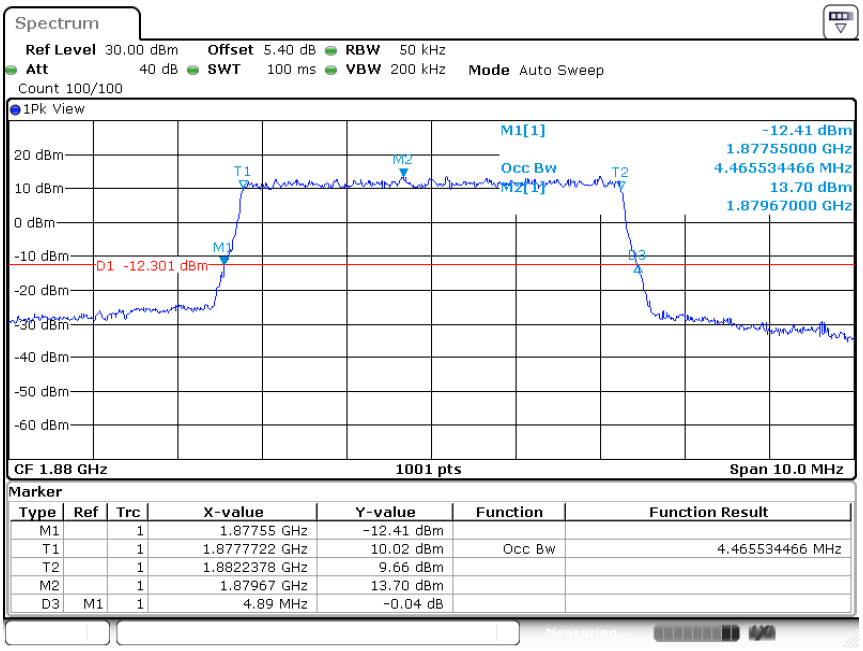

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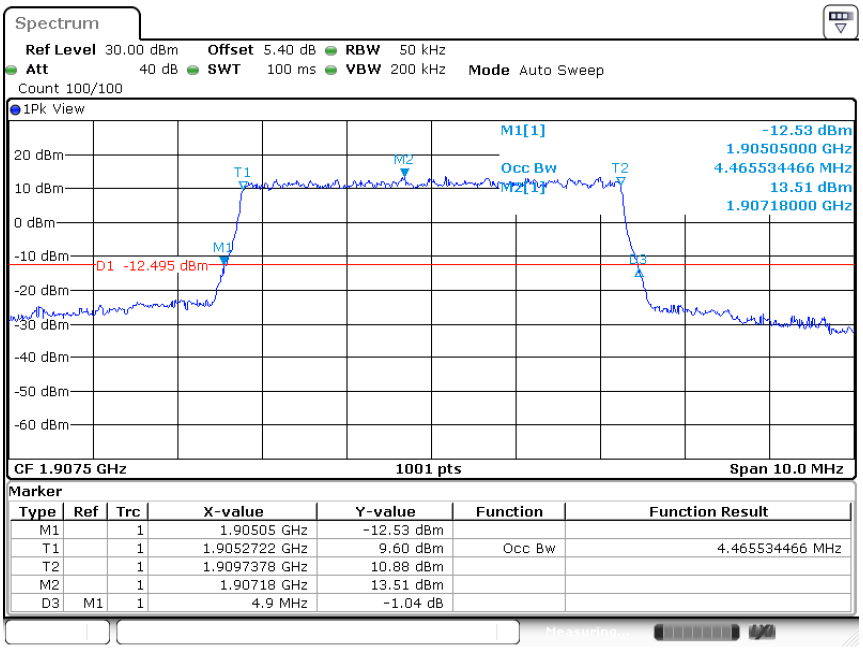
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87755 GHz	-12.41 dBm		
T1		1	1.8777722 GHz	10.02 dBm	Occ Bw	4.465534466 MHz
T2		1	1.8822378 GHz	9.66 dBm		
M2		1	1.87967 GHz	13.70 dBm		
D3	M1	1	4.89 MHz	-0.04 dB		

Date: 10.AUG.2020 23:08:05

Band2-5MHz-64QAM-19175-25RB#0-4.466



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90505 GHz	-12.53 dBm		
T1		1	1.9052722 GHz	9.60 dBm	Occ Bw	4.465534466 MHz
T2		1	1.9097378 GHz	10.88 dBm		
M2		1	1.90718 GHz	13.51 dBm		
D3	M1	1	4.9 MHz	-1.04 dB		

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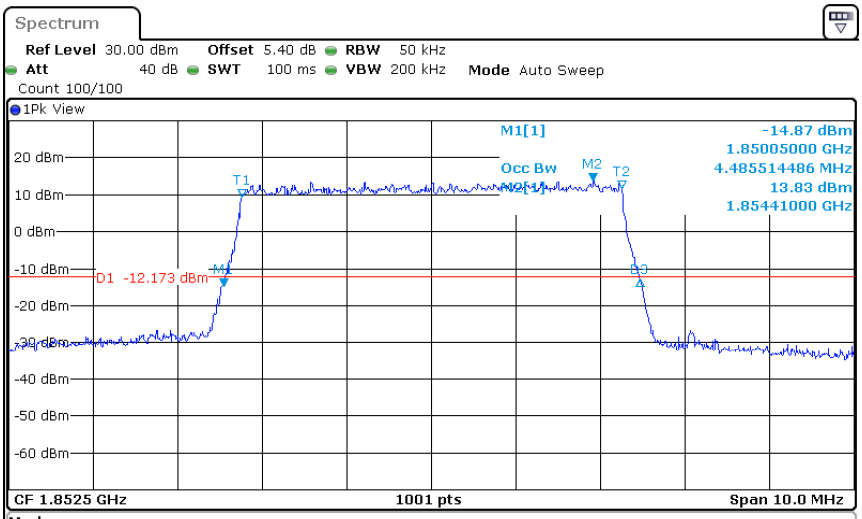
Band2-5MHz-16QAM-18625-25RB#0-4.486

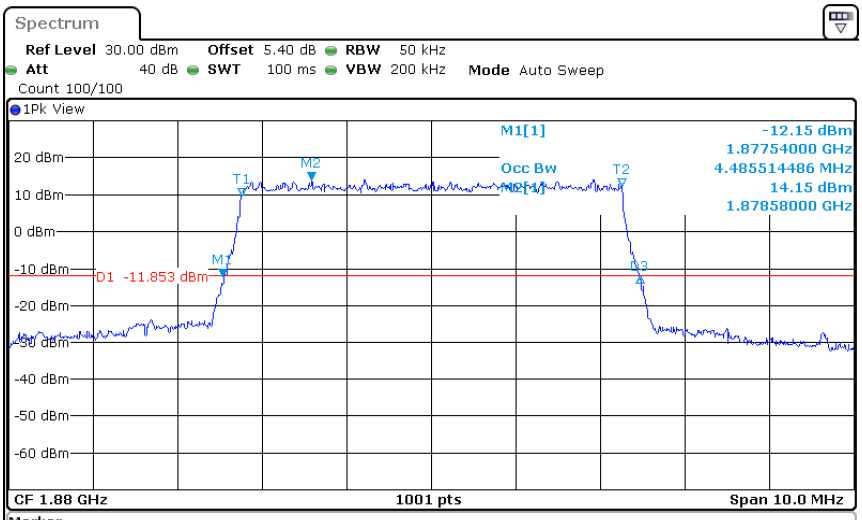


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85005 GHz	-14.87 dBm		
T1		1	1.8502622 GHz	9.50 dBm	Occ Bw	4.485514486 MHz
T2		1	1.8547478 GHz	11.62 dBm		
M2		1	1.85441 GHz	13.83 dBm		
D3	M1	1	4.92 MHz	2.03 dB		

Date: 15.JUL.2020 15:22:12

Band2-5MHz-16QAM-18900-25RB#0-4.486



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87754 GHz	-12.15 dBm		
T1		1	1.8777622 GHz	9.53 dBm	Occ Bw	4.485514486 MHz
T2		1	1.8822478 GHz	12.12 dBm		
M2		1	1.87858 GHz	14.15 dBm		
D3	M1	1	4.92 MHz	0.27 dB		

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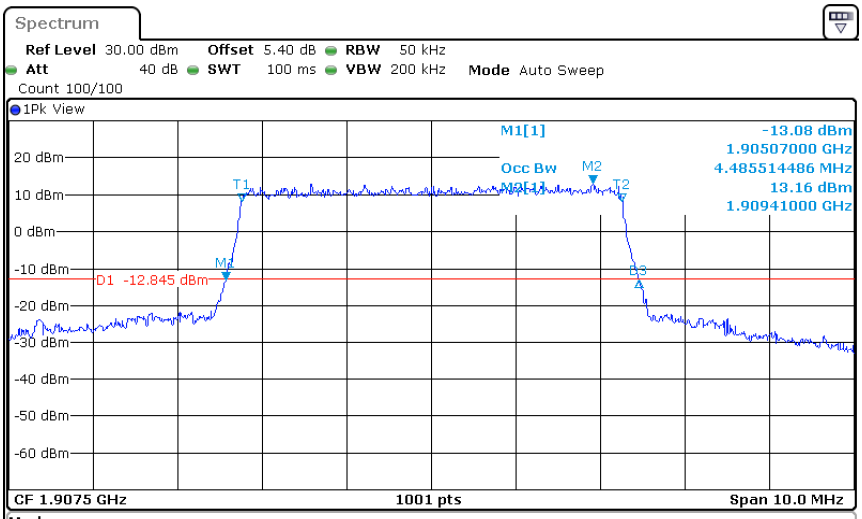
Band2-5MHz-16QAM-19175-25RB#0-4.486



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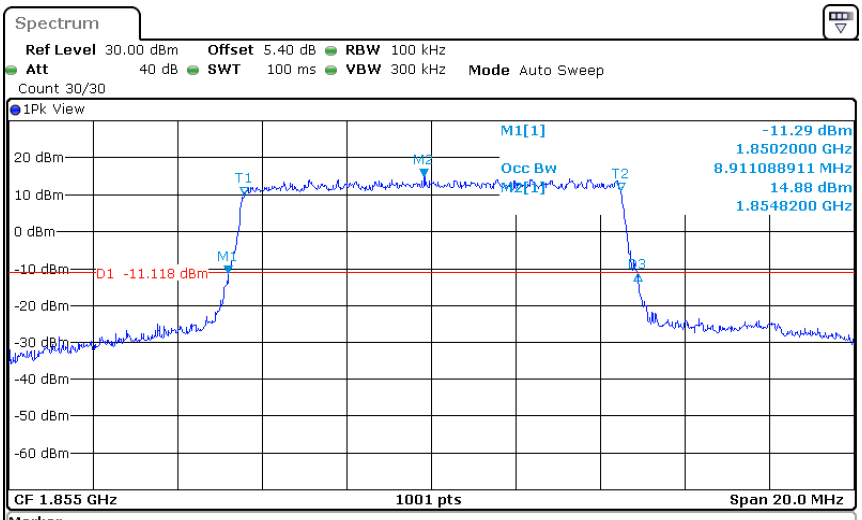
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90507 GHz	-13.08 dBm		
T1		1	1.9052622 GHz	8.21 dBm	Occ Bw	4.485514486 MHz
T2		1	1.9097478 GHz	8.19 dBm		
M2		1	1.90941 GHz	13.16 dBm		
D3	M1	1	4.88 MHz	0.14 dB		

Date: 15.JUL.2020 15:23:31

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8502 GHz	-11.29 dBm		
T1		1	1.8505644 GHz	9.86 dBm	Occ Bw	8.911088911 MHz
T2		1	1.8594755 GHz	11.02 dBm		
M2		1	1.85482 GHz	14.88 dBm		
D3	M1	1	9.68 MHz	-0.08 dB		

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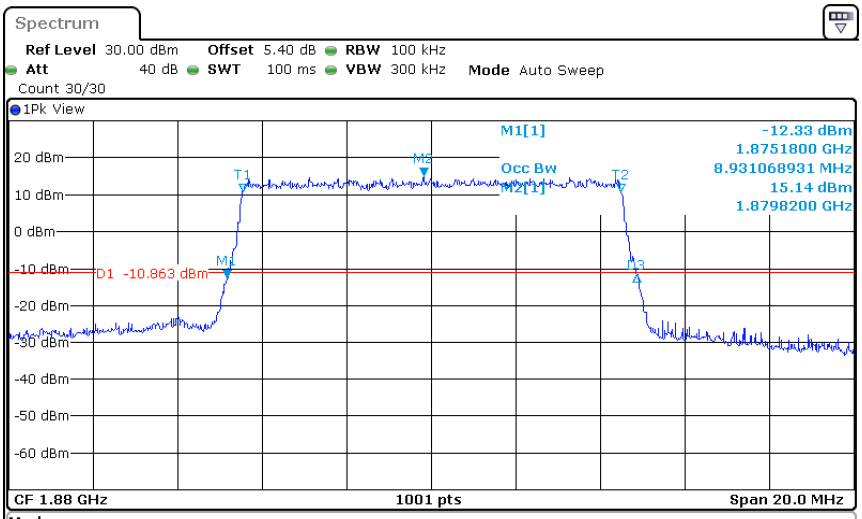
Band2-10MHz-QPSK-18900-50RB#0-8.931

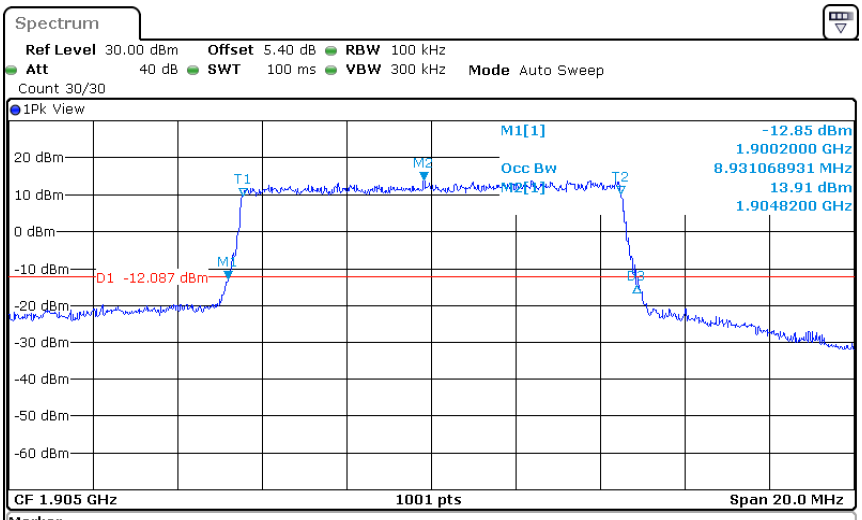


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87518 GHz	-12.33 dBm		
T1		1	1.8755445 GHz	10.90 dBm	Occ Bw	8.931068931 MHz
T2		1	1.8844755 GHz	10.74 dBm		
M2		1	1.87982 GHz	15.14 dBm		
D3	M1	1	9.68 MHz	0.79 dB		

Date: 15.JUL.2020 15:24:14

Band2-10MHz-QPSK-19150-50RB#0-8.931



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.9002 GHz	-12.85 dBm		
T1		1	1.9005445 GHz	9.67 dBm	Occ Bw	8.931068931 MHz
T2		1	1.9094755 GHz	10.31 dBm		
M2		1	1.90482 GHz	13.91 dBm		
D3	M1	1	9.66 MHz	-1.54 dB		

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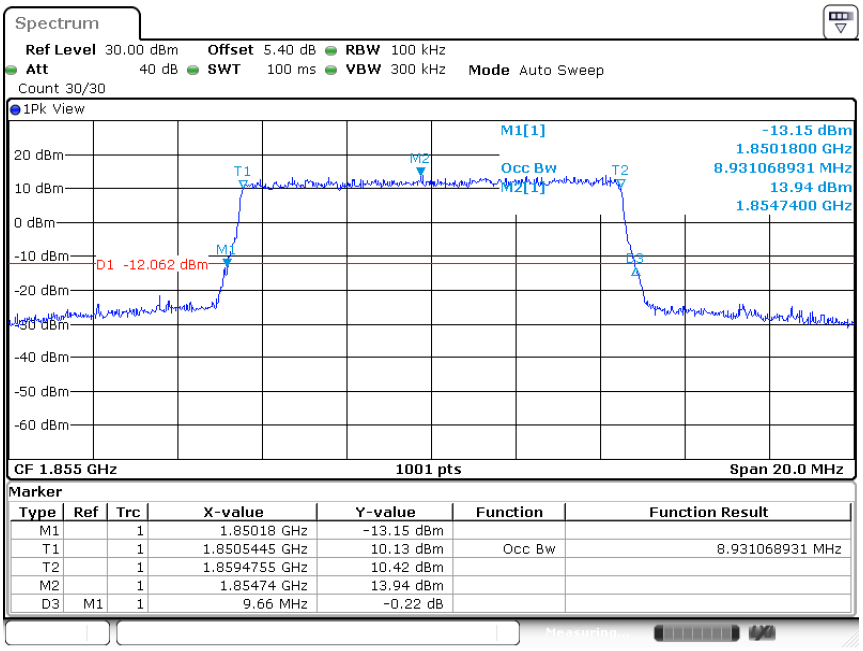
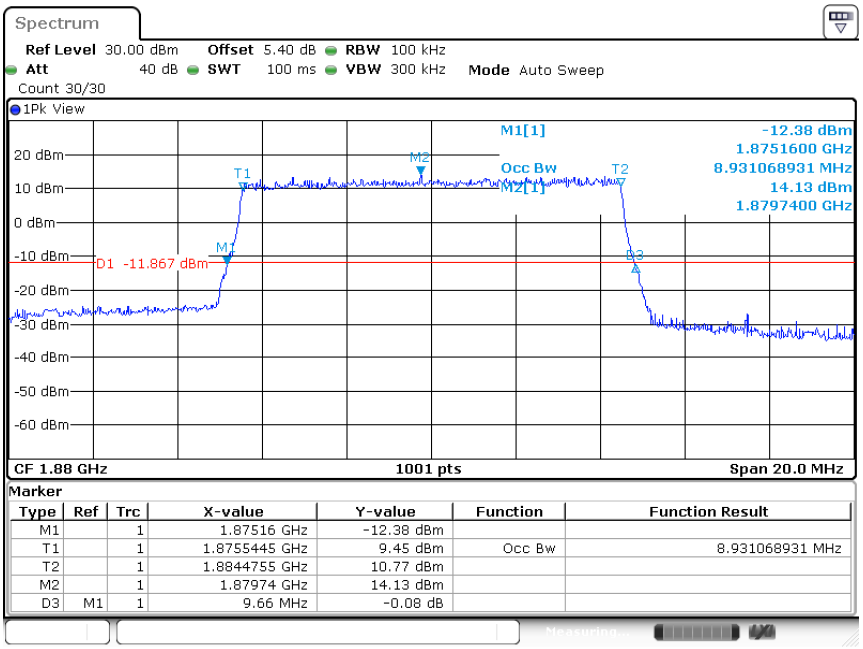
Band2-10MHz-64QAM-18650-50RB#0-8.931



Date: 10.AUG.2020 23:08:44

Band2-10MHz-64QAM-18900-50RB#0-8.931



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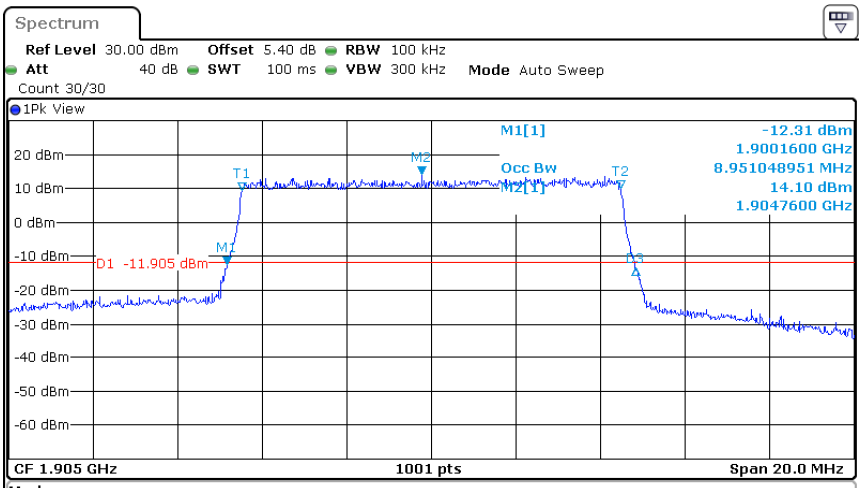
Band2-10MHz-64QAM-19150-50RB#0-8.951

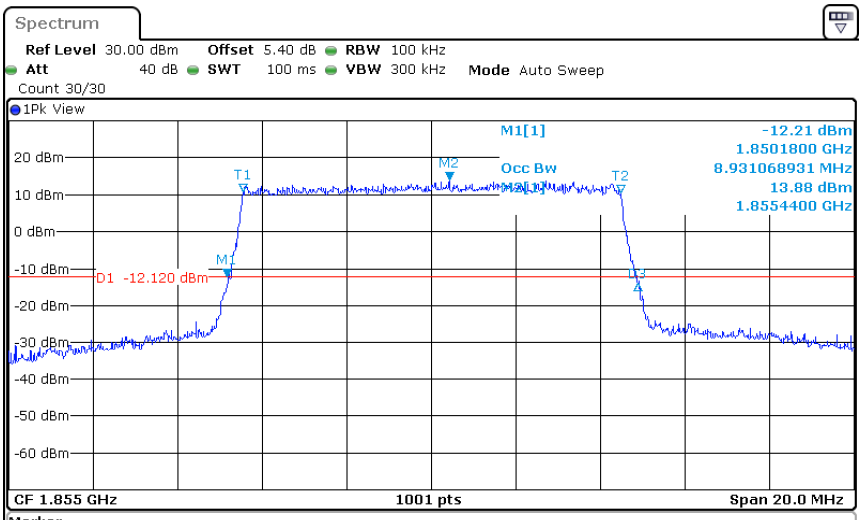


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90016 GHz	-12.31 dBm		
T1		1	1.9005245 GHz	9.45 dBm	Occ Bw	8.951048951 MHz
T2		1	1.9094755 GHz	10.11 dBm		
M2		1	1.90476 GHz	14.10 dBm		
D3	M1	1	9.66 MHz	-1.11 dB		

Date: 10.AUG.2020 23:09:10

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85018 GHz	-12.21 dBm		
T1		1	1.8505445 GHz	10.85 dBm	Occ Bw	8.931068931 MHz
T2		1	1.8594755 GHz	10.49 dBm		
M2		1	1.85544 GHz	13.88 dBm		
D3	M1	1	9.7 MHz	-1.57 dB		

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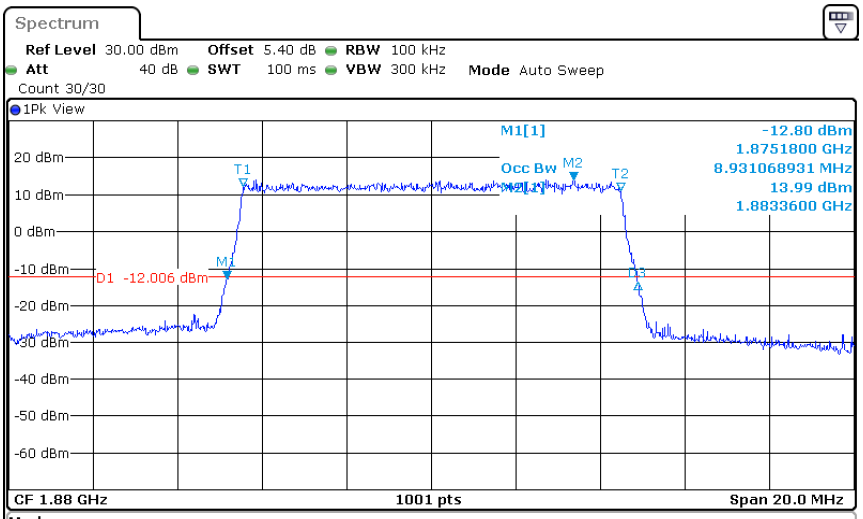
Band2-10MHz-16QAM-18900-50RB#0-8.931



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87518 GHz	-12.80 dBm		
T1		1	1.8755445 GHz	12.40 dBm	Occ Bw	8.931068931 MHz
T2		1	1.8844755 GHz	11.22 dBm		
M2		1	1.88336 GHz	13.99 dBm		
D3	M1	1	9.7 MHz	-0.76 dB		

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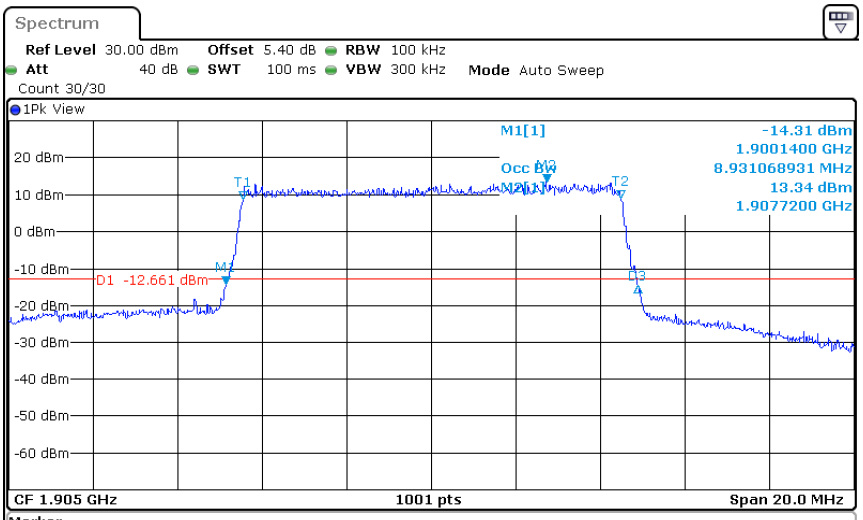
Band2-10MHz-16QAM-19150-50RB#0-8.931



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90014 GHz	-14.31 dBm		
T1		1	1.9005445 GHz	8.85 dBm	Occ Bw	8.931068931 MHz
T2		1	1.9094755 GHz	9.18 dBm		
M2		1	1.90772 GHz	13.34 dBm		
D3	M1	1	9.74 MHz	-0.13 dB		

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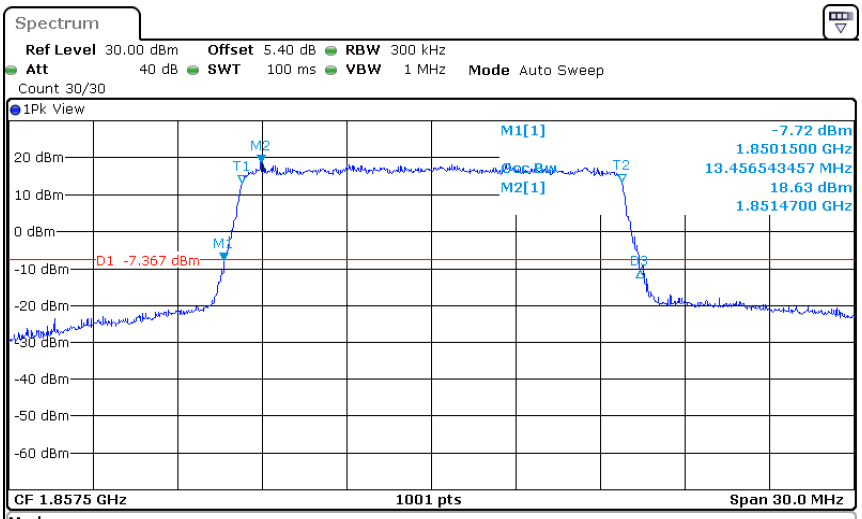
Band2-15MHz-QPSK-18675-75RB#0-13.457

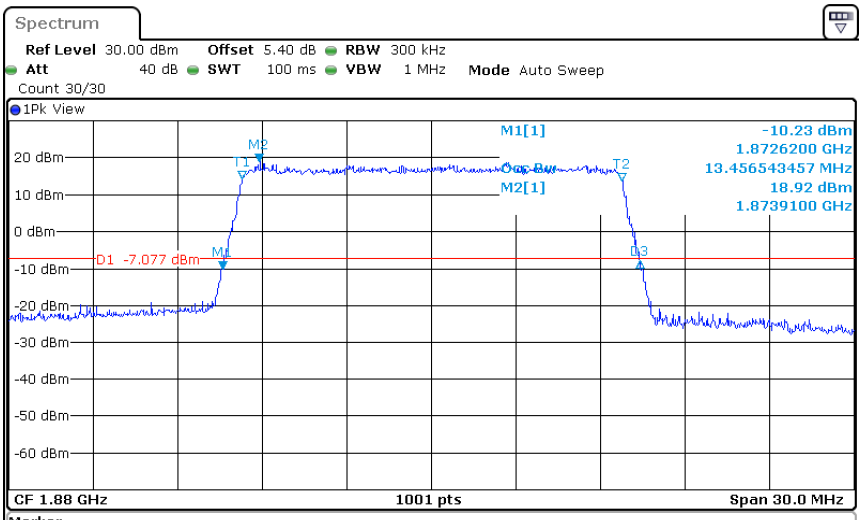


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85015 GHz	-7.72 dBm		
T1		1	1.8507867 GHz	13.27 dBm	Occ Bw	13.456543457 MHz
T2		1	1.8642433 GHz	13.42 dBm		
M2		1	1.85147 GHz	18.63 dBm		
D3	M1	1	14.76 MHz	-2.77 dB		

Date: 15.JUL.2020 15:25:10

Band2-15MHz-QPSK-18900-75RB#0-13.457



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87262 GHz	-10.23 dBm		
T1		1	1.8732867 GHz	14.22 dBm	Occ Bw	13.456543457 MHz
T2		1	1.8867433 GHz	13.60 dBm		
M2		1	1.87391 GHz	18.92 dBm		
D3	M1	1	14.79 MHz	2.38 dB		

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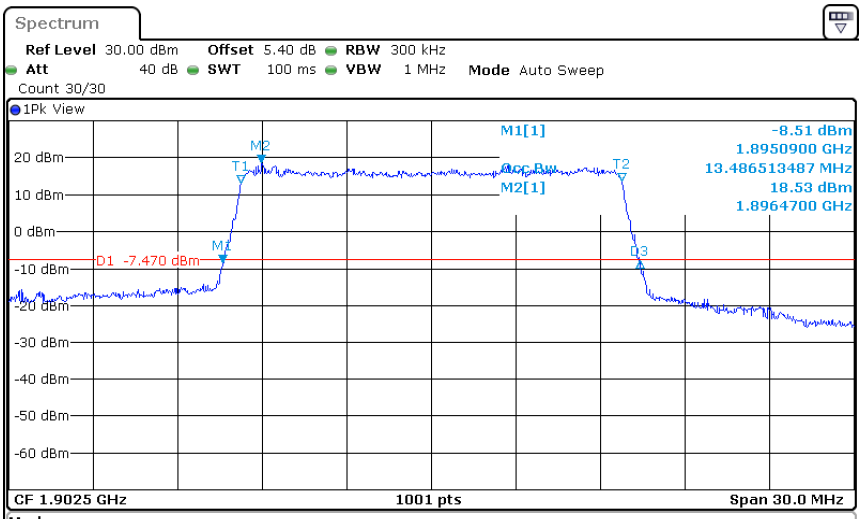
Band2-15MHz-QPSK-19125-75RB#0-13.487



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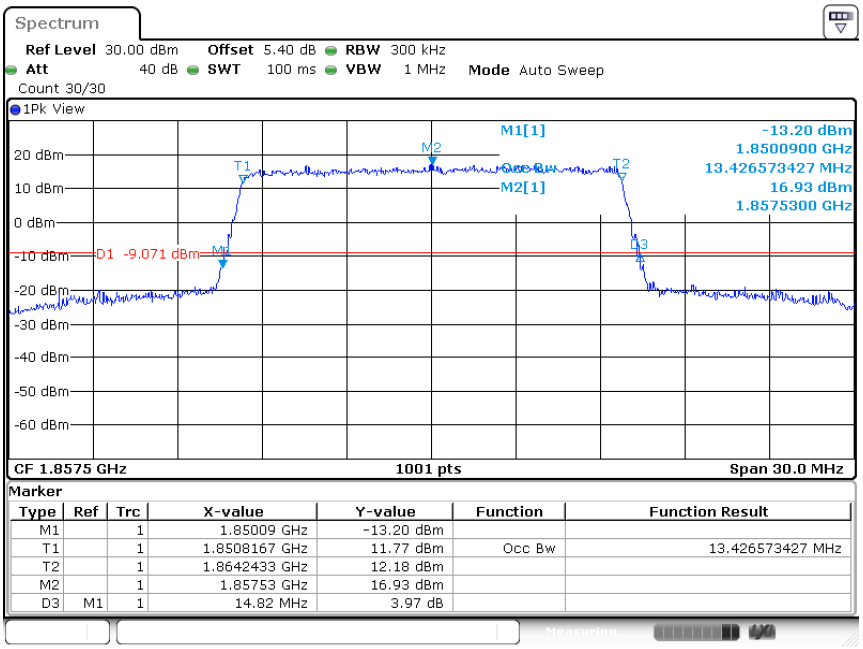
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.89509 GHz	-8.51 dBm		
T1		1	1.8957567 GHz	13.17 dBm	Occ Bw	13.486513487 MHz
T2		1	1.9092433 GHz	13.63 dBm		
M2		1	1.89647 GHz	18.53 dBm		
D3	M1	1	14.82 MHz	0.72 dB		

Date: 15.JUL.2020 15:26:01

Band2-15MHz-64QAM-18675-75RB#0-13.427



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85009 GHz	-13.20 dBm		
T1		1	1.8508167 GHz	11.77 dBm	Occ Bw	13.426573427 MHz
T2		1	1.8642433 GHz	12.18 dBm		
M2		1	1.85753 GHz	16.93 dBm		
D3	M1	1	14.82 MHz	3.97 dB		

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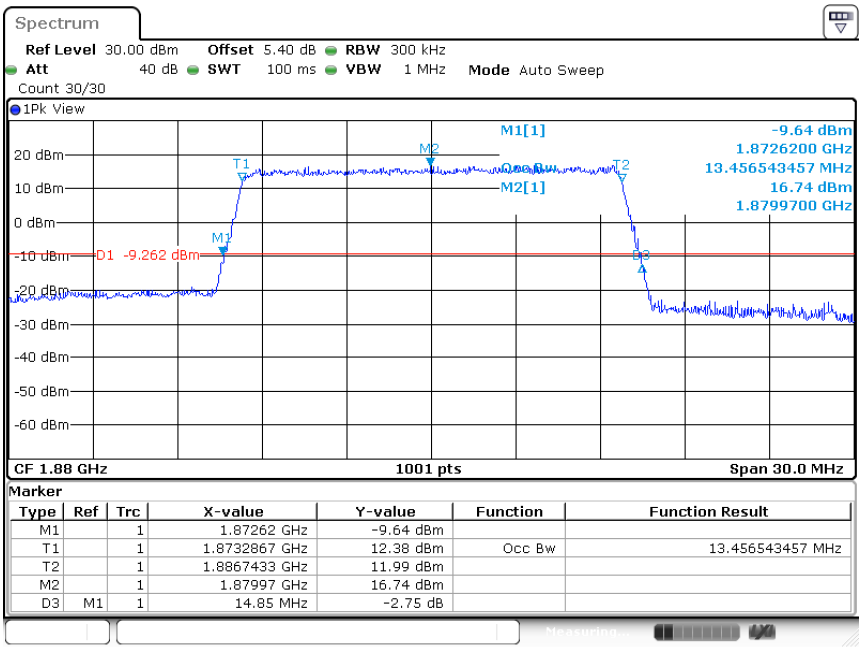
Band2-15MHz-64QAM-18900-75RB#0-13.457



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87262 GHz	-9.64 dBm		
T1		1	1.8732867 GHz	12.38 dBm	Occ Bw	13.456543457 MHz
T2		1	1.8867433 GHz	11.99 dBm		
M2		1	1.87997 GHz	16.74 dBm		
D3	M1	1	14.85 MHz	-2.75 dB		

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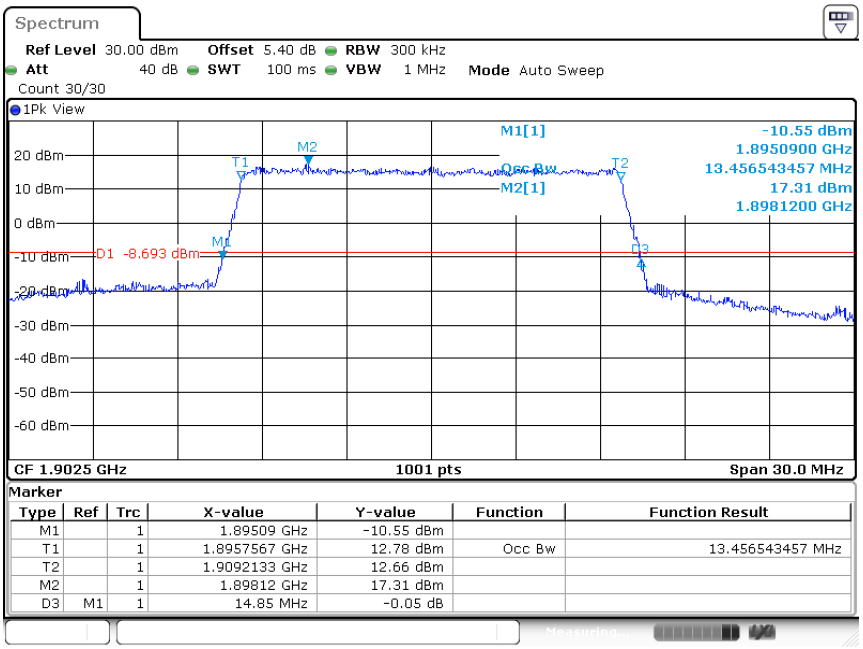
Band2-15MHz-64QAM-19125-75RB#0-13.457



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.89509 GHz	-10.55 dBm		
T1		1	1.8957567 GHz	12.78 dBm	Occ Bw	13.456543457 MHz
T2		1	1.9092133 GHz	12.66 dBm		
M2		1	1.89812 GHz	17.31 dBm		
D3	M1	1	14.85 MHz	-0.05 dB		

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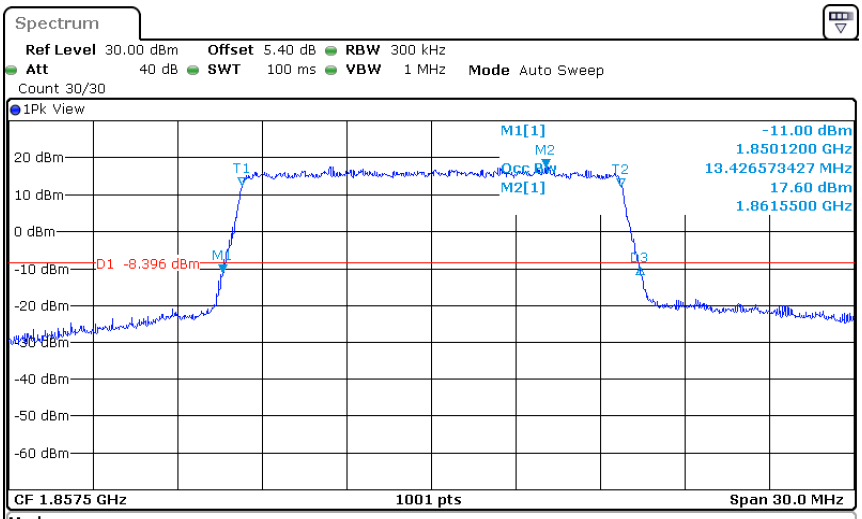
Band2-15MHz-16QAM-18675-75RB#0-13.427



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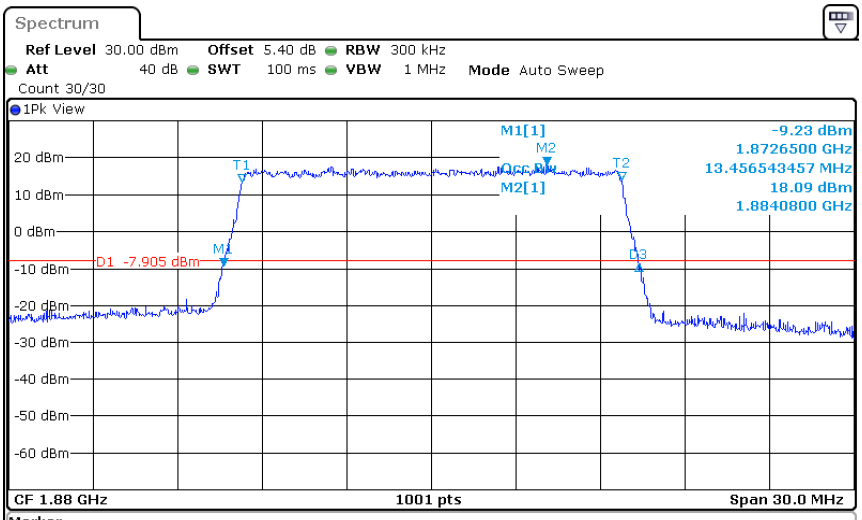
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85012 GHz	-11.00 dBm		
T1		1	1.8507867 GHz	12.62 dBm	Occ Bw	13.426573427 MHz
T2		1	1.8642133 GHz	12.33 dBm		
M2		1	1.86155 GHz	17.60 dBm		
D3	M1	1	14.76 MHz	1.42 dB		

Date: 15.JUL.2020 15:25:23

Band2-15MHz-16QAM-18900-75RB#0-13.457



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87265 GHz	-9.23 dBm		
T1		1	1.8732867 GHz	13.46 dBm	Occ Bw	13.456543457 MHz
T2		1	1.8867433 GHz	13.91 dBm		
M2		1	1.88408 GHz	18.09 dBm		
D3	M1	1	14.7 MHz	0.56 dB		

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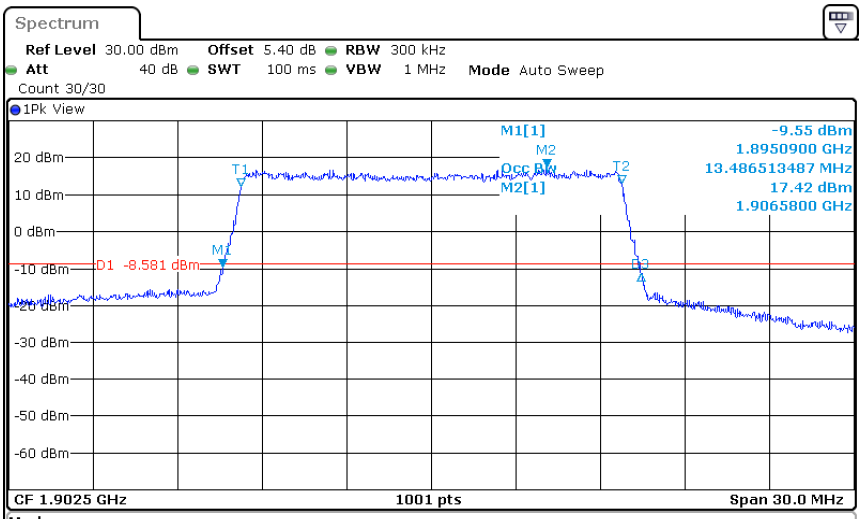
Band2-15MHz-16QAM-19125-75RB#0-13.487

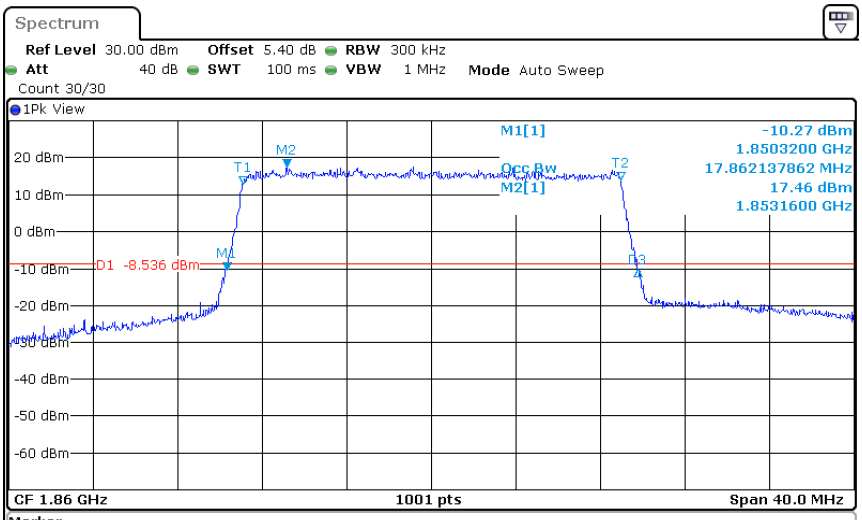


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.89509 GHz	-9.55 dBm		
T1		1	1.8957567 GHz	12.34 dBm	Occ Bw	13.486513487 MHz
T2		1	1.9092433 GHz	13.20 dBm		
M2		1	1.90658 GHz	17.42 dBm		
D3	M1	1	14.85 MHz	-1.76 dB		

Date: 15.JUL.2020 15:26:14

Band2-20MHz-QPSK-18700-100RB#0-17.862



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85032 GHz	-10.27 dBm		
T1		1	1.8510889 GHz	12.93 dBm	Occ Bw	17.862137862 MHz
T2		1	1.868951 GHz	13.97 dBm		
M2		1	1.85316 GHz	17.46 dBm		
D3	M1	1	19.44 MHz	0.01 dB		

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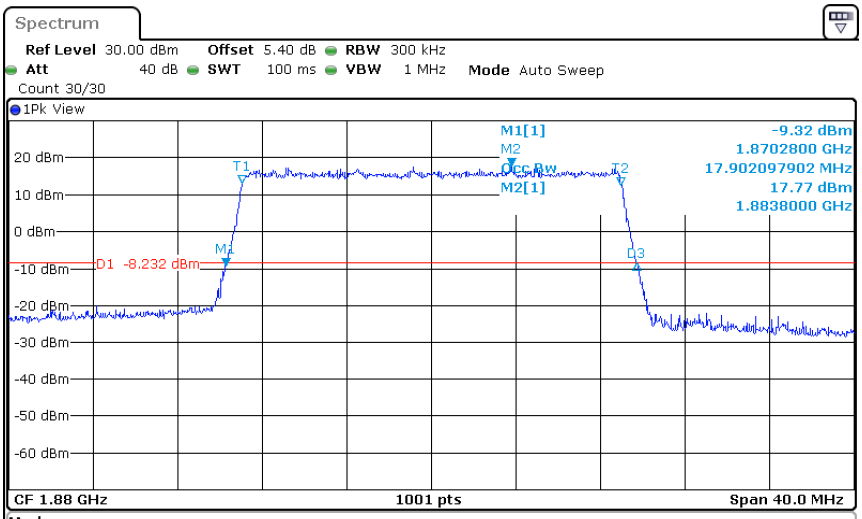
Band2-20MHz-QPSK-18900-100RB#0-17.902



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87028 GHz	-9.32 dBm		
T1		1	1.871049 GHz	13.20 dBm	Occ Bw	17.902097902 MHz
T2		1	1.888951 GHz	12.55 dBm		
M2		1	1.8838 GHz	17.77 dBm		
D3	M1	1	19.44 MHz	0.92 dB		

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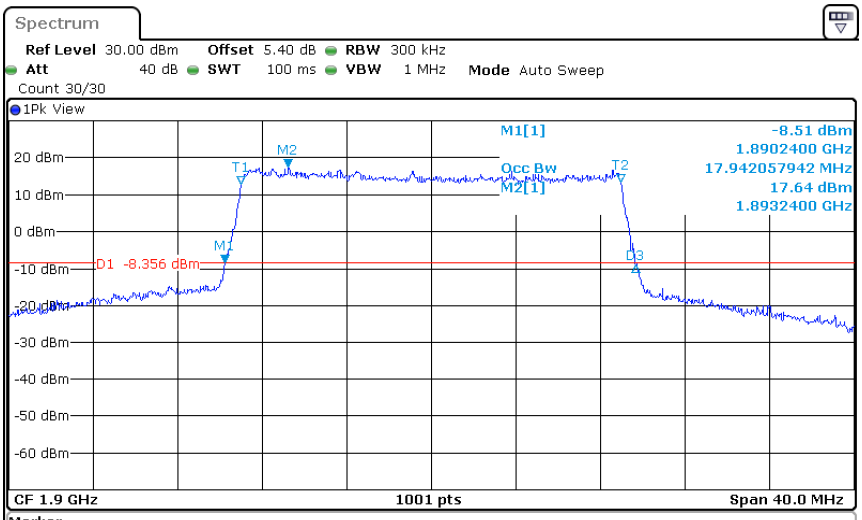
Band2-20MHz-QPSK-19100-100RB#0-17.942



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.89024 GHz	-8.51 dBm		
T1		1	1.891009 GHz	12.92 dBm	Occ Bw	17.942057942 MHz
T2		1	1.908951 GHz	13.56 dBm		
M2		1	1.89324 GHz	17.64 dBm		
D3	M1	1	19.44 MHz	-0.55 dB		

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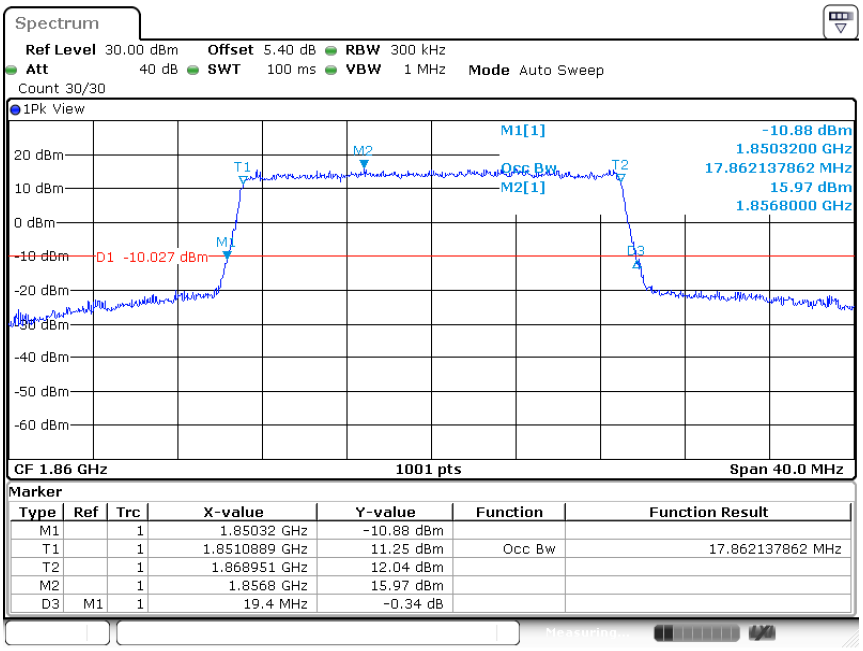
Band2-20MHz-64QAM-18700-100RB#0-17.862

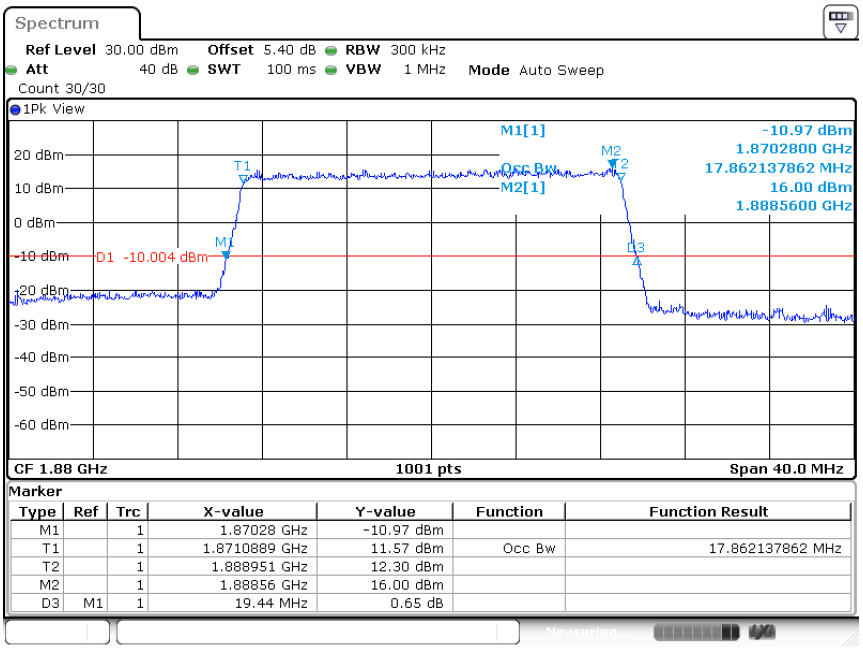


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85032 GHz	-10.88 dBm		
T1		1	1.8510889 GHz	11.25 dBm	Occ Bw	17.862137862 MHz
T2		1	1.868951 GHz	12.04 dBm		
M2		1	1.8568 GHz	15.97 dBm		
D3	M1	1	19.4 MHz	-0.34 dB		

Date: 10.AUG.2020 23:10:15

Band2-20MHz-64QAM-18900-100RB#0-17.862



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87028 GHz	-10.97 dBm		
T1		1	1.8710889 GHz	11.57 dBm	Occ Bw	17.862137862 MHz
T2		1	1.888951 GHz	12.30 dBm		
M2		1	1.88856 GHz	16.00 dBm		
D3	M1	1	19.44 MHz	0.65 dB		

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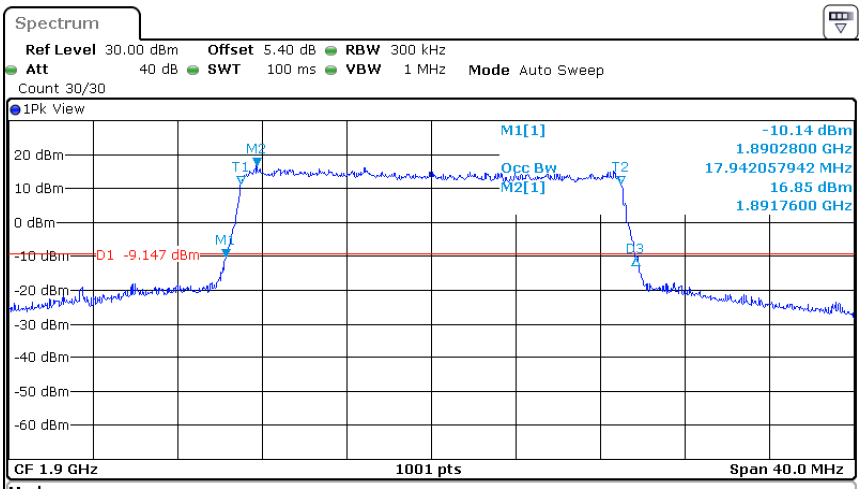
Band2-20MHz-64QAM-19100-100RB#0-17.942



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.89028 GHz	-10.14 dBm		
T1		1	1.891009 GHz	11.46 dBm	Occ Bw	17.942057942 MHz
T2		1	1.908951 GHz	11.44 dBm		
M2		1	1.89176 GHz	16.85 dBm		
D3	M1	1	19.4 MHz	-0.40 dB		

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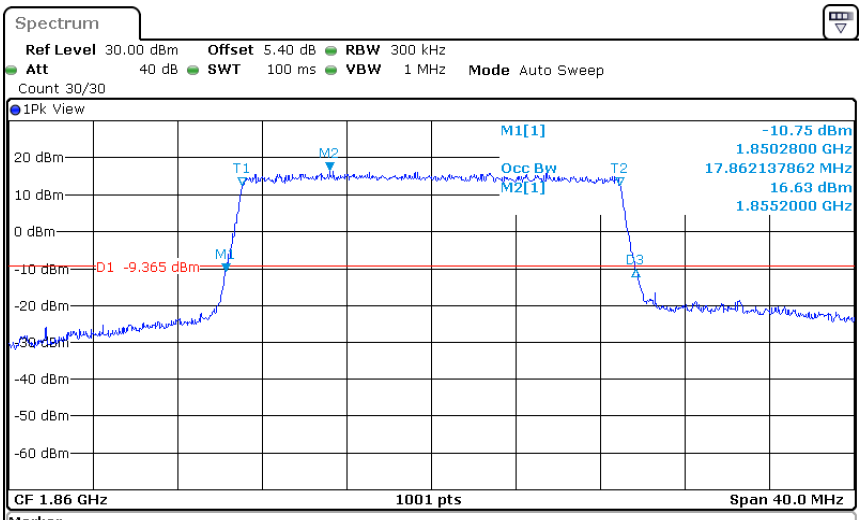
Band2-20MHz-16QAM-18700-100RB#0-17.862



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85028 GHz	-10.75 dBm		
T1		1	1.851049 GHz	12.48 dBm	Occ Bw	17.862137862 MHz
T2		1	1.8689111 GHz	12.60 dBm		
M2		1	1.8552 GHz	16.63 dBm		
D3	M1	1	19.4 MHz	0.57 dB		

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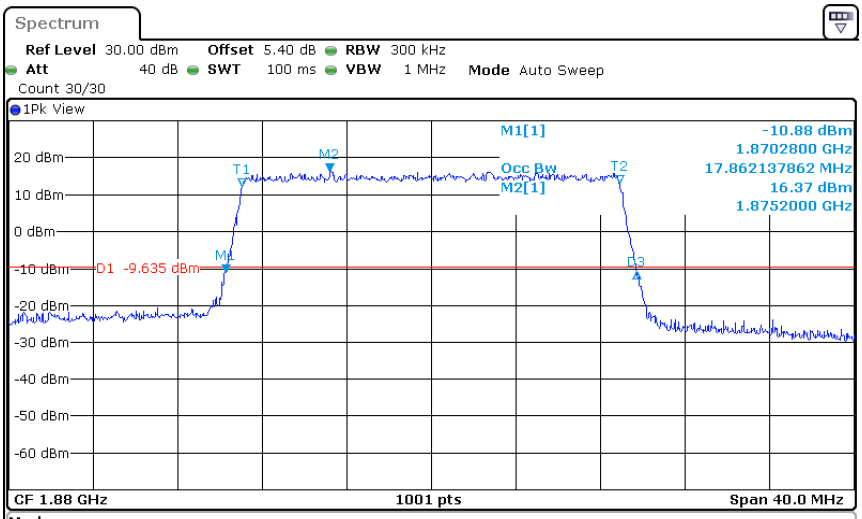
Band2-20MHz-16QAM-18900-100RB#0-17.862



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87028 GHz	-10.88 dBm		
T1		1	1.871049 GHz	12.13 dBm	Occ Bw	17.862137862 MHz
T2		1	1.8889111 GHz	13.03 dBm		
M2		1	1.8752 GHz	16.37 dBm		
D3	M1	1	19.44 MHz	0.04 dB		

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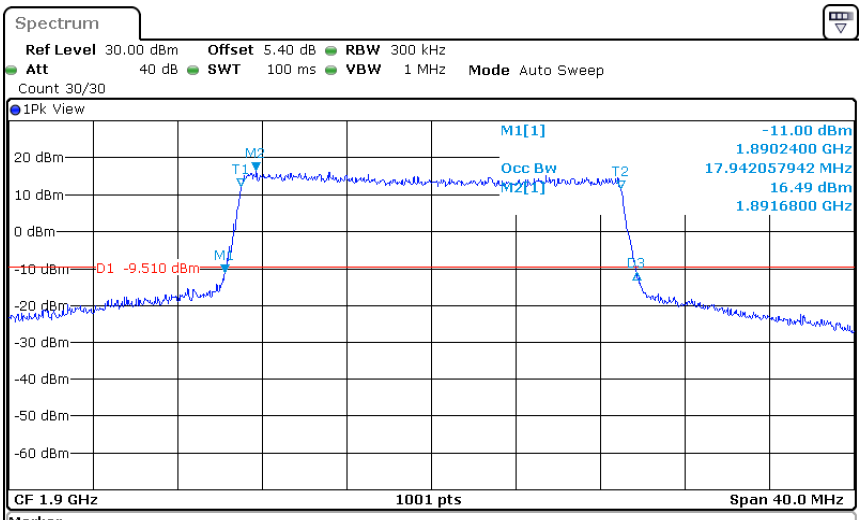
Band2-20MHz-16QAM-19100-100RB#0-17.942



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.89024 GHz	-11.00 dBm		
T1		1	1.891009 GHz	12.32 dBm	Occ Bw	17.942057942 MHz
T2		1	1.908951 GHz	11.54 dBm		
M2		1	1.89168 GHz	16.49 dBm		
D3	M1	1	19.48 MHz	-0.05 dB		

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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	-22.78	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-30.34	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-23.77	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-28.99	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	-25.72	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	-28.68	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	-25.80	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	-30.22	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-24.16	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-30.52	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-24.46	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-30.17	PASS
Band2	3MHz	QPSK	18615	1RB#0	-19.59	PASS
Band2	3MHz	QPSK	18615	15RB#0	-27.76	PASS
Band2	3MHz	QPSK	19185	1RB#14	-20.21	PASS
Band2	3MHz	QPSK	19185	15RB#0	-27.04	PASS
Band2	3MHz	64QAM	18615	1RB#0	-21.17	PASS
Band2	3MHz	64QAM	18615	15RB#0	-27.93	PASS
Band2	3MHz	64QAM	19185	1RB#14	-21.32	PASS
Band2	3MHz	64QAM	19185	15RB#0	-28.31	PASS
Band2	3MHz	16QAM	18615	1RB#0	-20.46	PASS
Band2	3MHz	16QAM	18615	15RB#0	-28.79	PASS
Band2	3MHz	16QAM	19185	1RB#14	-22.41	PASS
Band2	3MHz	16QAM	19185	15RB#0	-27.99	PASS
Band2	5MHz	QPSK	18625	1RB#0	-23.19	PASS
Band2	5MHz	QPSK	18625	25RB#0	-30.55	PASS
Band2	5MHz	QPSK	19175	1RB#24	-24.46	PASS
Band2	5MHz	QPSK	19175	25RB#0	-29.04	PASS
Band2	5MHz	64QAM	18625	1RB#0	-24.12	PASS
Band2	5MHz	64QAM	18625	25RB#0	-30.72	PASS
Band2	5MHz	64QAM	19175	1RB#24	-24.31	PASS
Band2	5MHz	64QAM	19175	25RB#0	-30.84	PASS

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Band2	5MHz	16QAM	18625	1RB#0	-24.33	PASS
Band2	5MHz	16QAM	18625	25RB#0	-31.06	PASS
Band2	5MHz	16QAM	19175	1RB#24	-24.61	PASS
Band2	5MHz	16QAM	19175	25RB#0	-29.73	PASS
Band2	10MHz	QPSK	18650	1RB#0	-31.70	PASS
Band2	10MHz	QPSK	18650	50RB#0	-30.76	PASS
Band2	10MHz	QPSK	19150	1RB#49	-30.59	PASS
Band2	10MHz	QPSK	19150	50RB#0	-29.34	PASS
Band2	10MHz	64QAM	18650	1RB#0	-31.96	PASS
Band2	10MHz	64QAM	18650	50RB#0	-33.01	PASS
Band2	10MHz	64QAM	19150	1RB#49	-32.10	PASS
Band2	10MHz	64QAM	19150	50RB#0	-32.80	PASS
Band2	10MHz	16QAM	18650	1RB#0	-32.22	PASS
Band2	10MHz	16QAM	18650	50RB#0	-33.32	PASS
Band2	10MHz	16QAM	19150	1RB#49	-31.15	PASS
Band2	10MHz	16QAM	19150	50RB#0	-30.84	PASS
Band2	15MHz	QPSK	18675	1RB#0	-28.54	PASS
Band2	15MHz	QPSK	18675	75RB#0	-29.03	PASS
Band2	15MHz	QPSK	19125	1RB#74	-27.92	PASS
Band2	15MHz	QPSK	19125	75RB#0	-27.75	PASS
Band2	15MHz	64QAM	18675	1RB#0	-28.24	PASS
Band2	15MHz	64QAM	18675	75RB#0	-32.06	PASS
Band2	15MHz	64QAM	19125	1RB#74	-28.60	PASS
Band2	15MHz	64QAM	19125	75RB#0	-31.42	PASS
Band2	15MHz	16QAM	18675	1RB#0	-29.22	PASS
Band2	15MHz	16QAM	18675	75RB#0	-31.52	PASS
Band2	15MHz	16QAM	19125	1RB#74	-28.52	PASS
Band2	15MHz	16QAM	19125	75RB#0	-29.07	PASS
Band2	20MHz	QPSK	18700	1RB#0	-23.38	PASS
Band2	20MHz	QPSK	18700	100RB#0	-29.17	PASS
Band2	20MHz	QPSK	19100	1RB#99	-24.60	PASS
Band2	20MHz	QPSK	19100	100RB#0	-25.31	PASS
Band2	20MHz	64QAM	18700	1RB#0	-25.19	PASS
Band2	20MHz	64QAM	18700	100RB#0	-31.38	PASS
Band2	20MHz	64QAM	19100	1RB#99	-25.21	PASS
Band2	20MHz	64QAM	19100	100RB#0	-28.87	PASS
Band2	20MHz	16QAM	18700	1RB#0	-23.68	PASS
Band2	20MHz	16QAM	18700	100RB#0	-31.80	PASS

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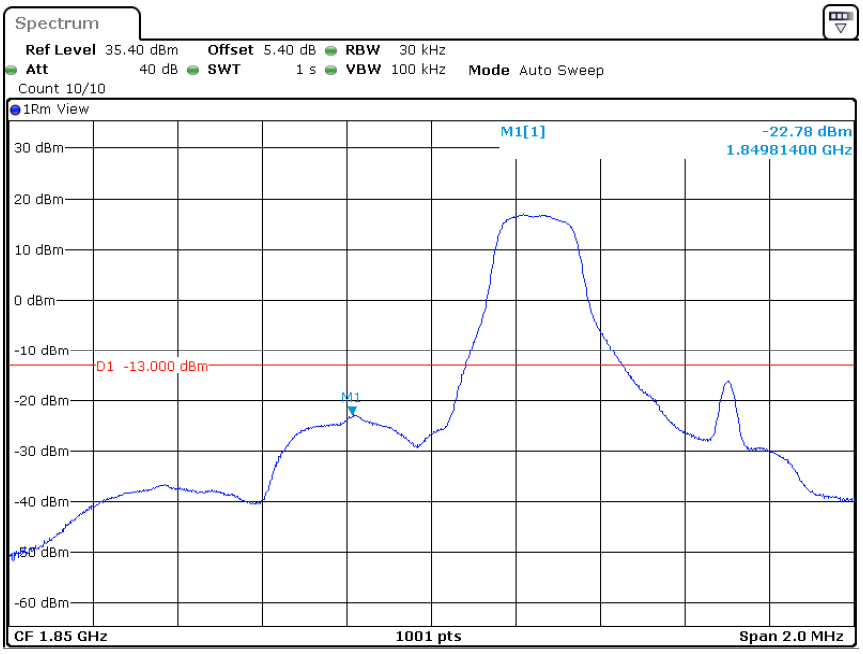
Band2	20MHz	16QAM	19100	1RB#99	-25.42	PASS
Band2	20MHz	16QAM	19100	100RB#0	-26.38	PASS

5.2. Test Plots

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



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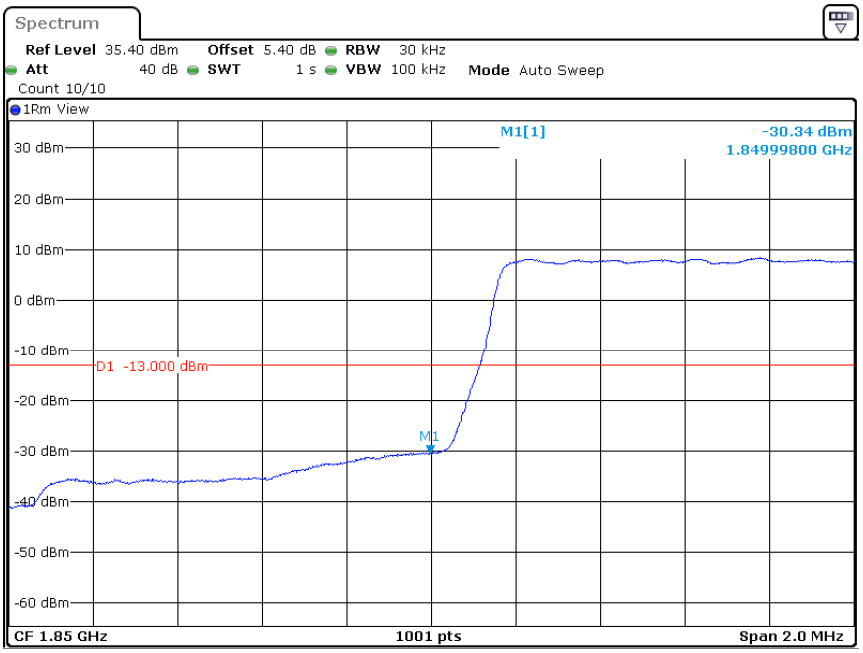
Band2-1.4MHz-QPSK-18607-6RB#0



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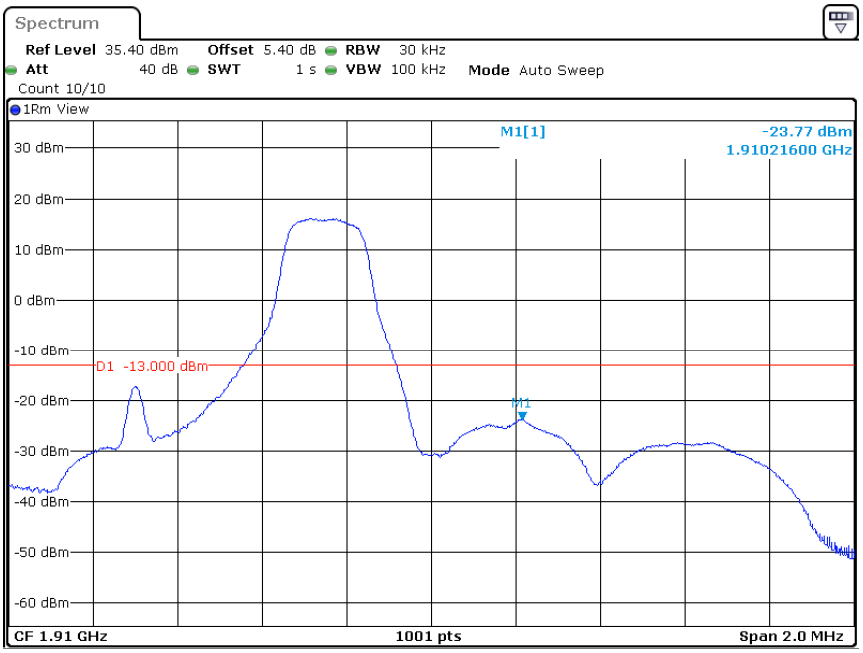

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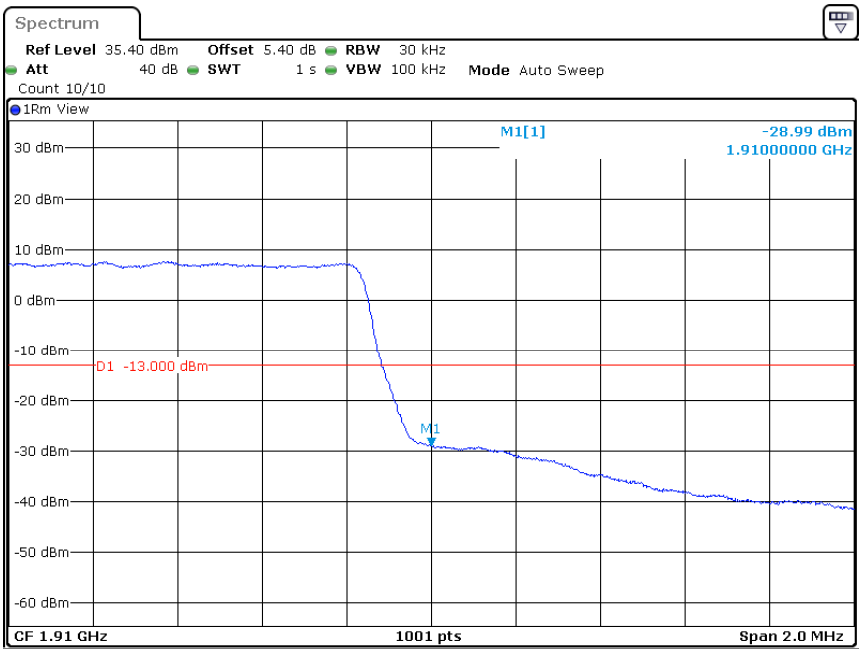

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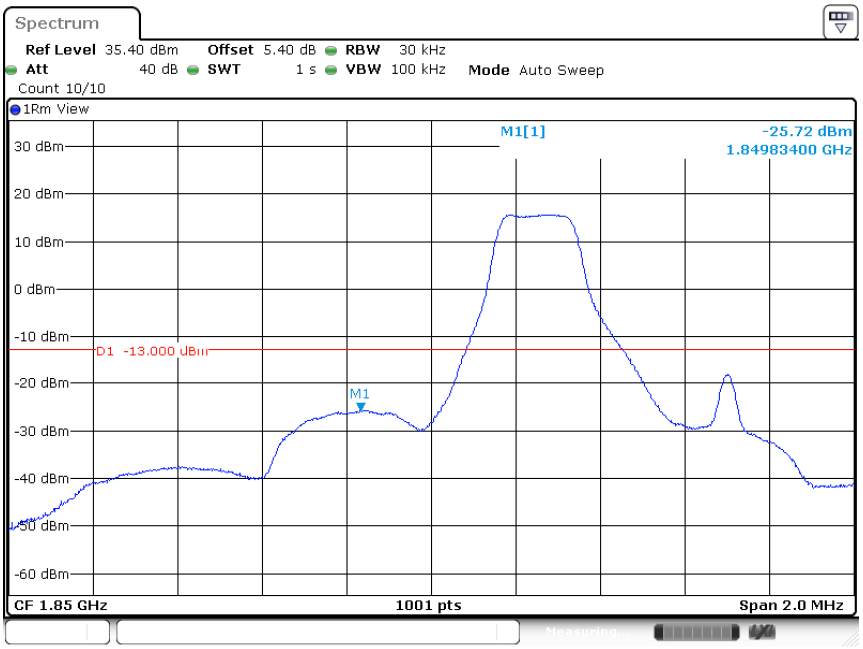

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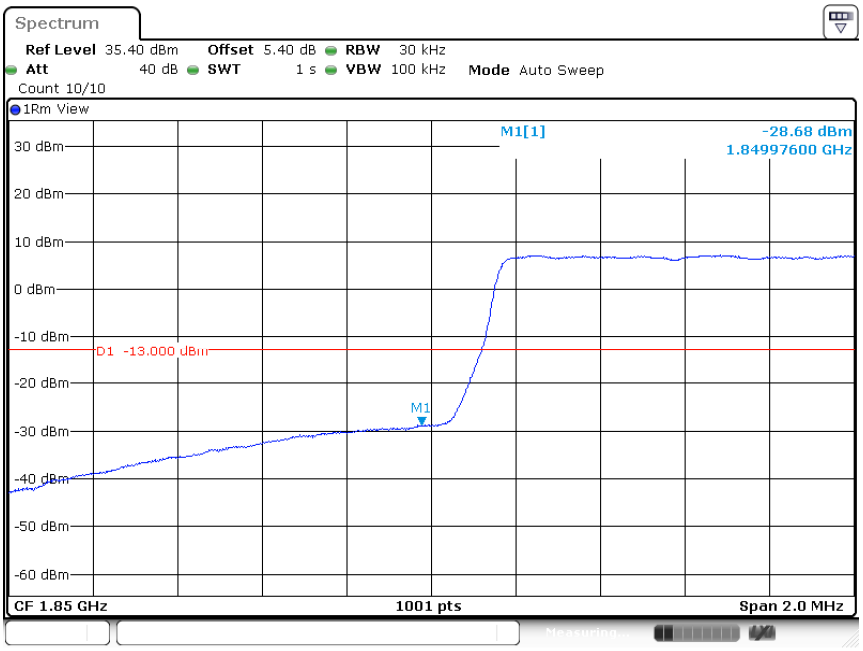
Band2-1.4MHz-64QAM-18607-6RB#0



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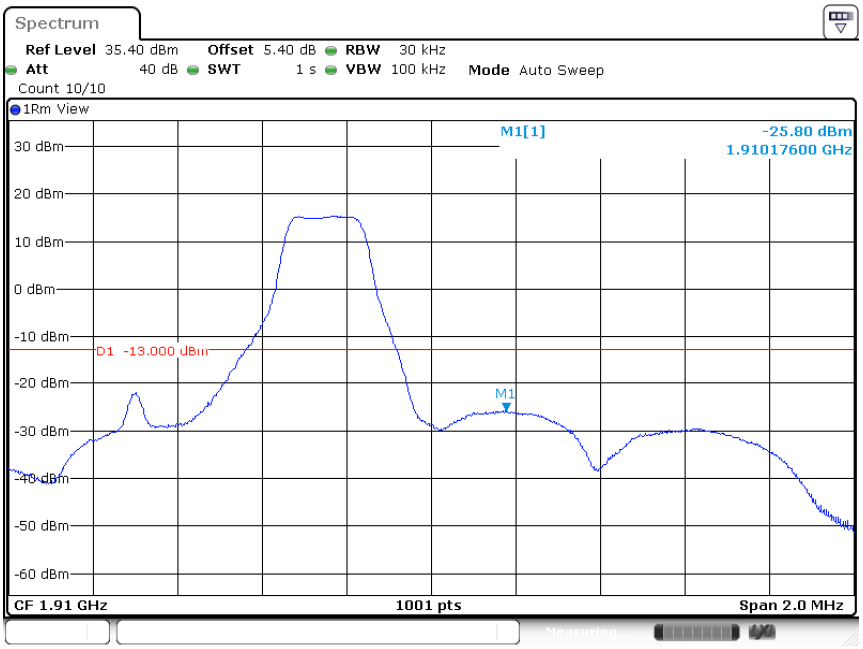

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Band2-1.4MHz-64QAM-19193-6RB#0

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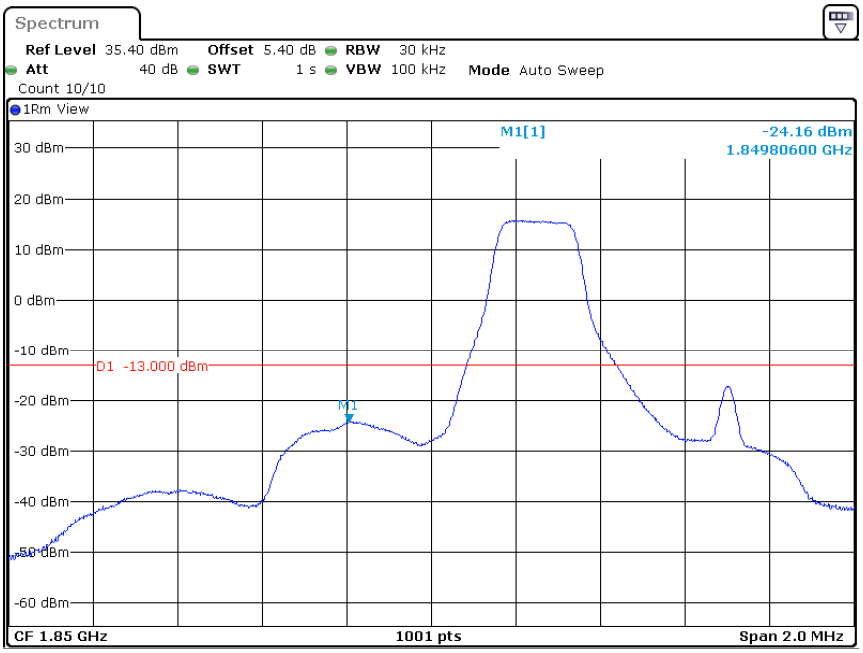

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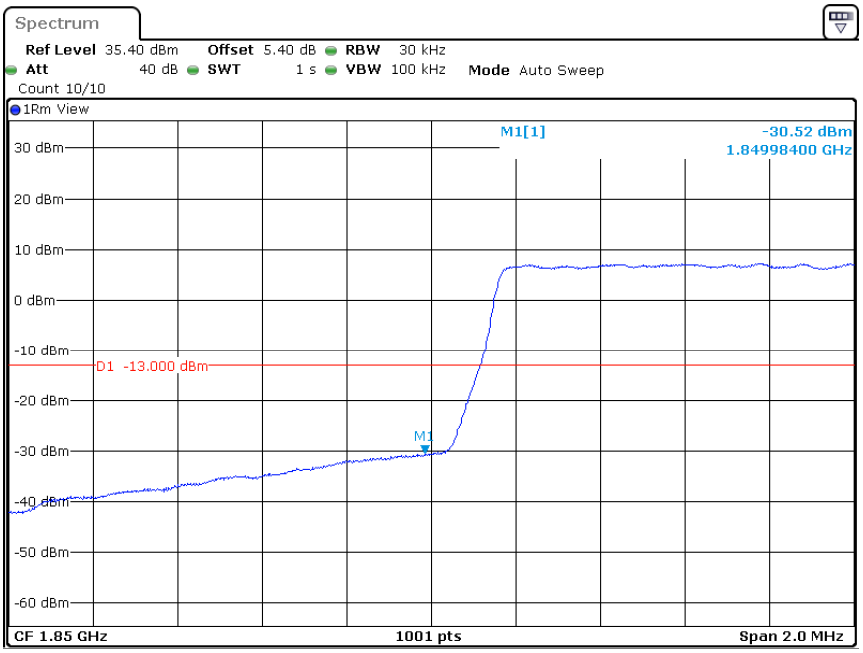

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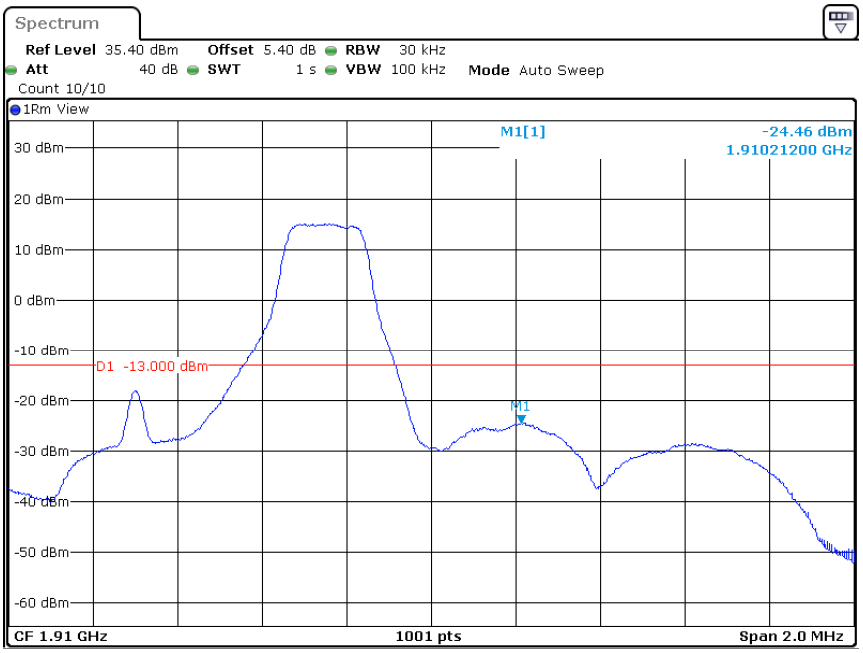

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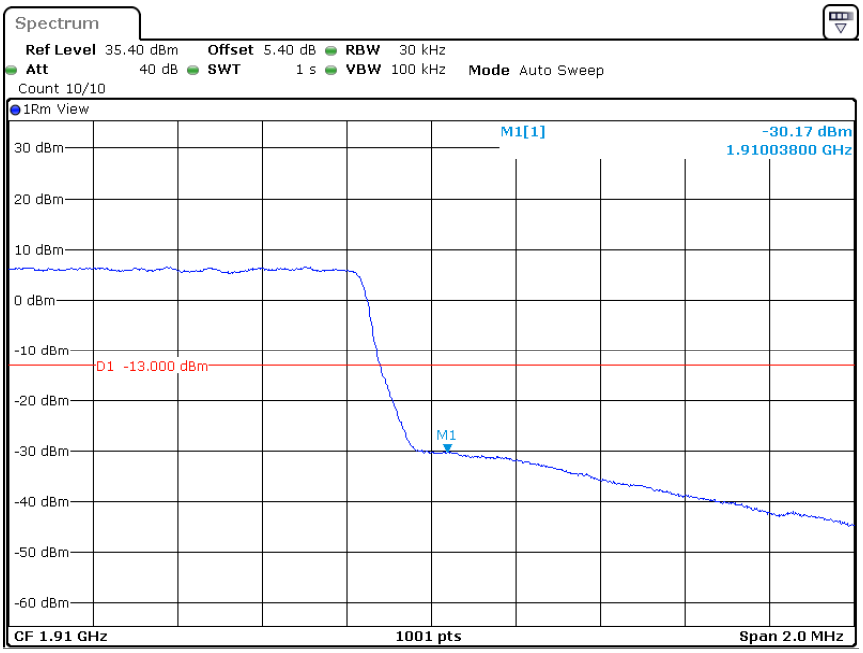

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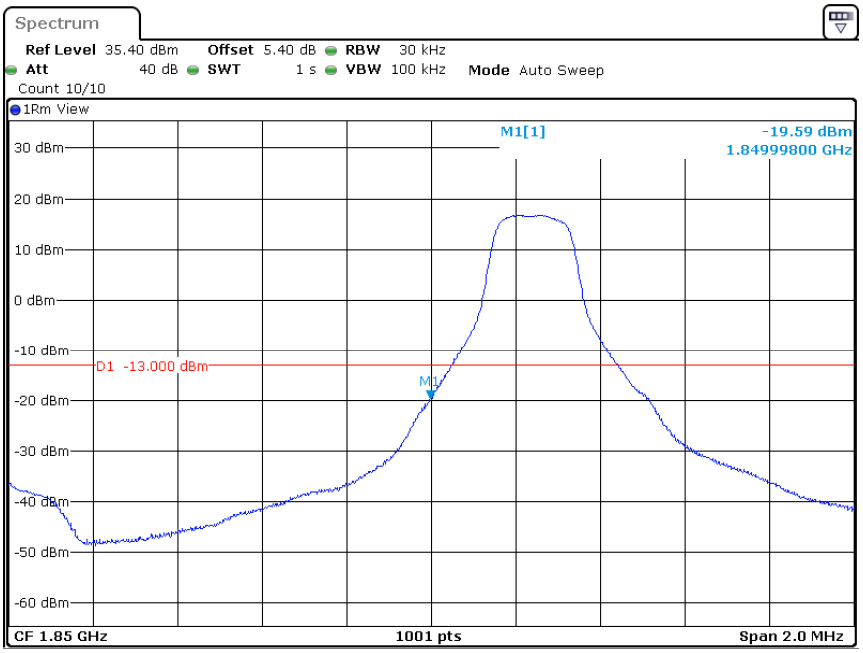

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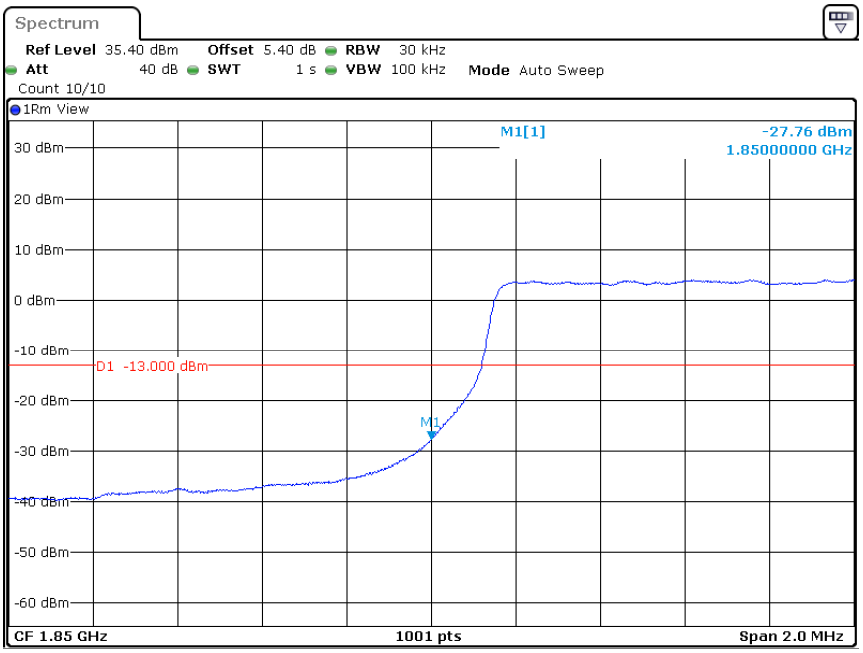
Band2-3MHz-QPSK-18615-15RB#0



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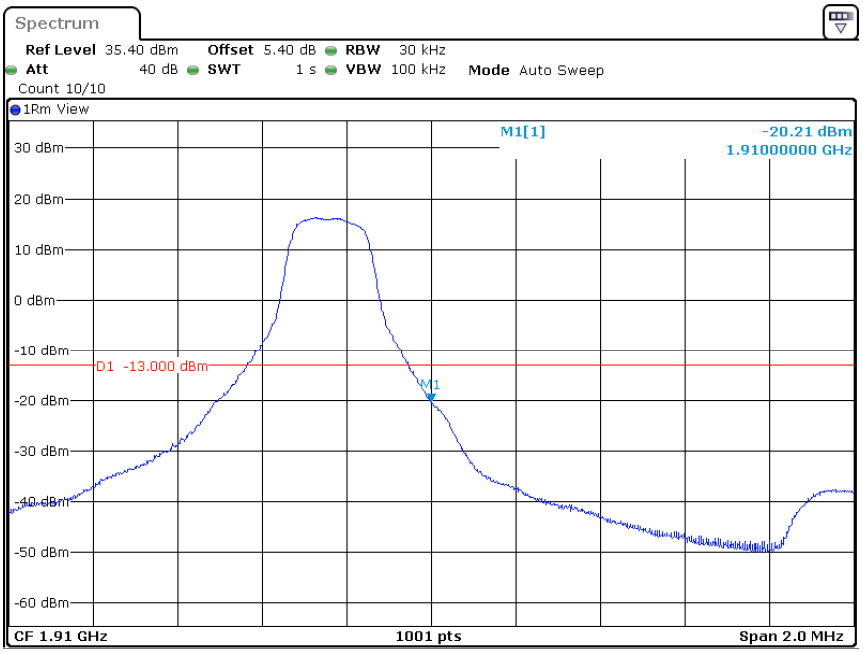

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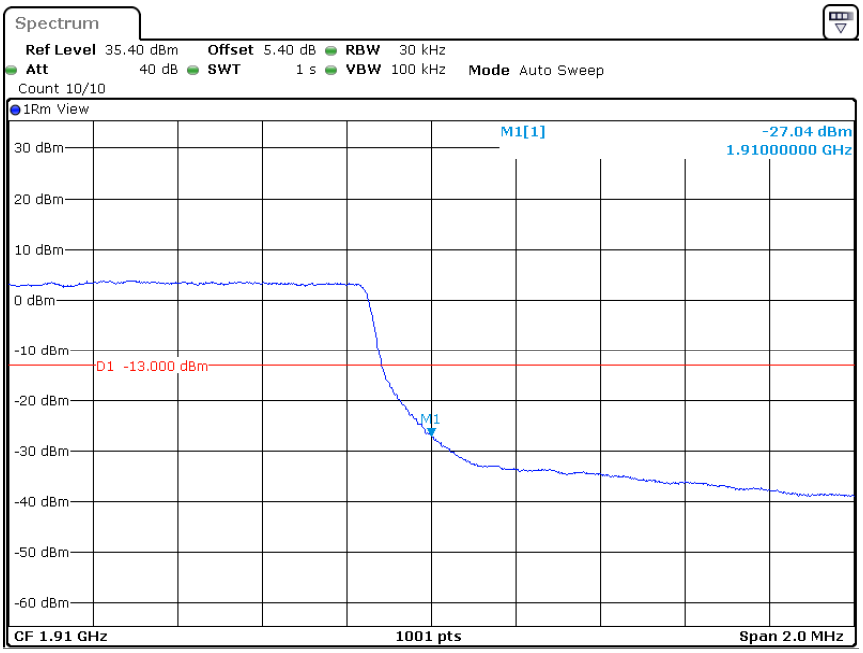
Band2-3MHz-QPSK-19185-15RB#0



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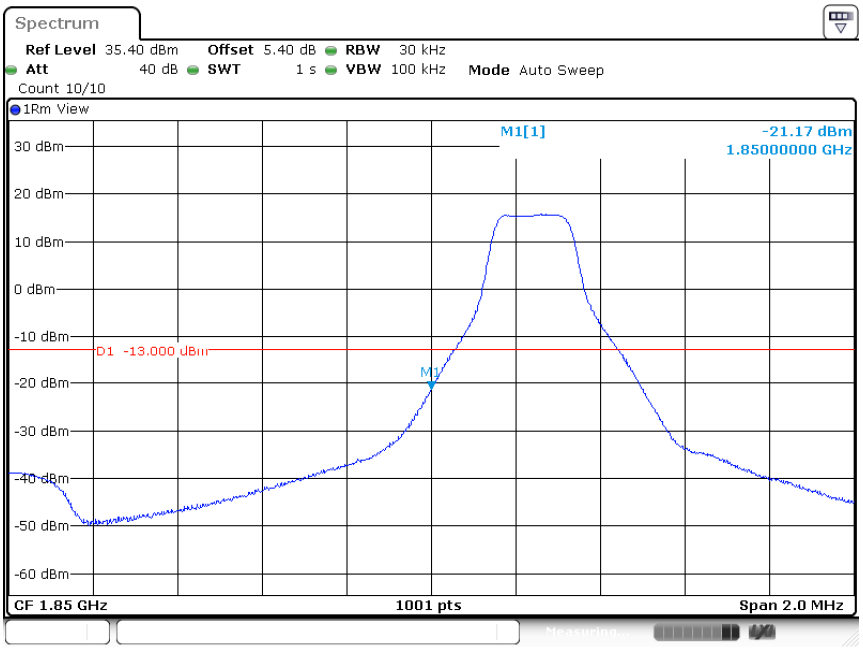
Band2-3MHz-64QAM-18615-1RB#0



Date: 10.AUG.2020 23:13:31

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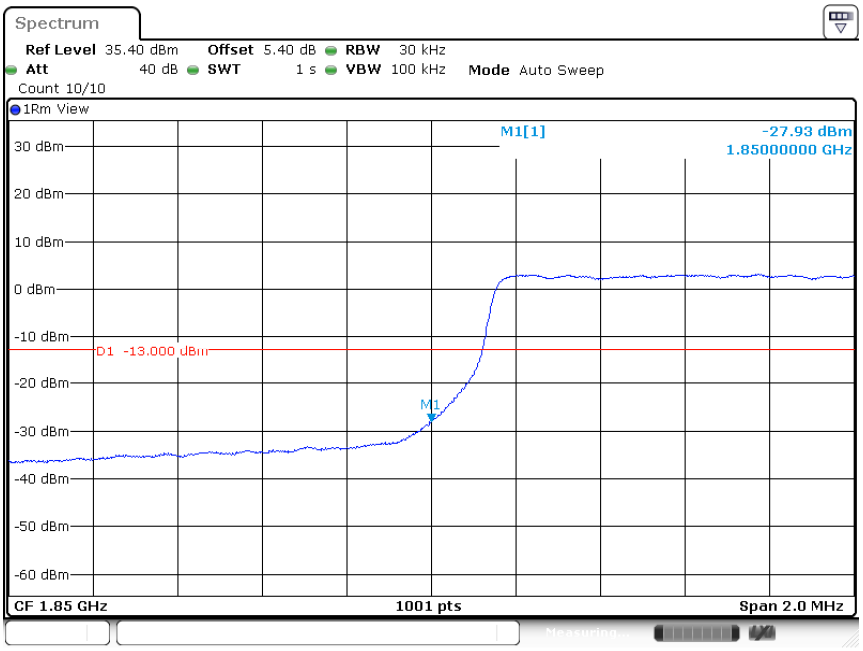

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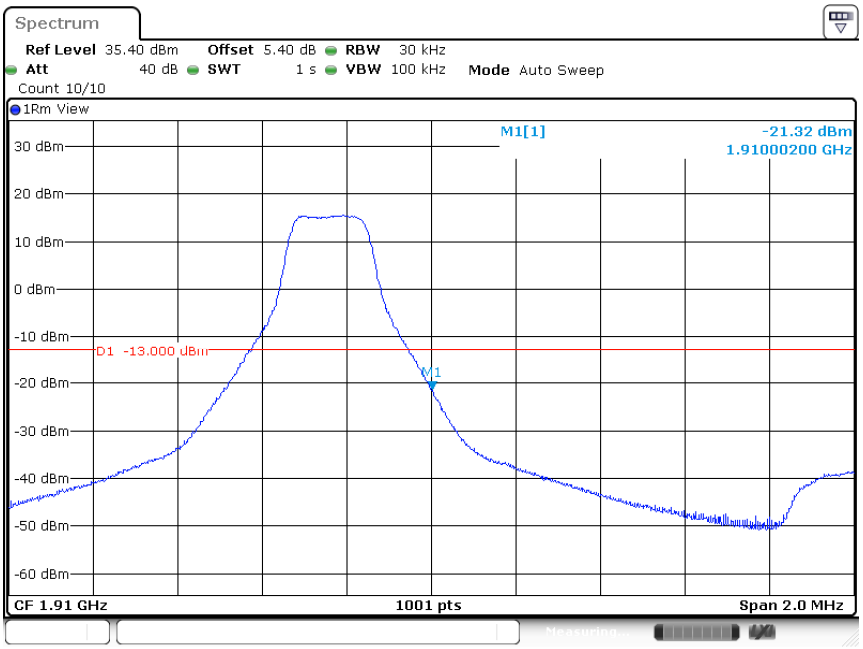
Band2-3MHz-64QAM-19185-1RB#14



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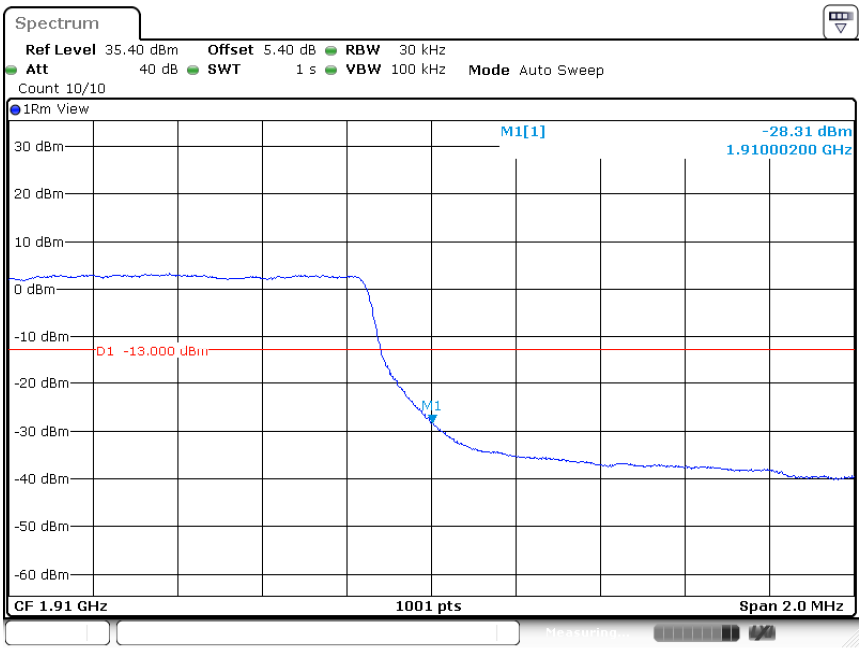

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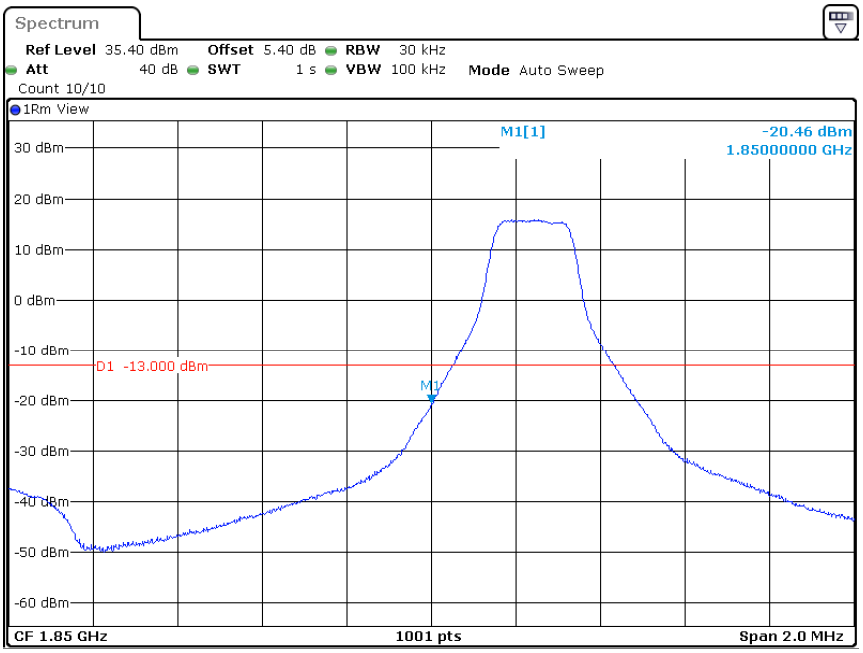
Band2-3MHz-16QAM-18615-1RB#0



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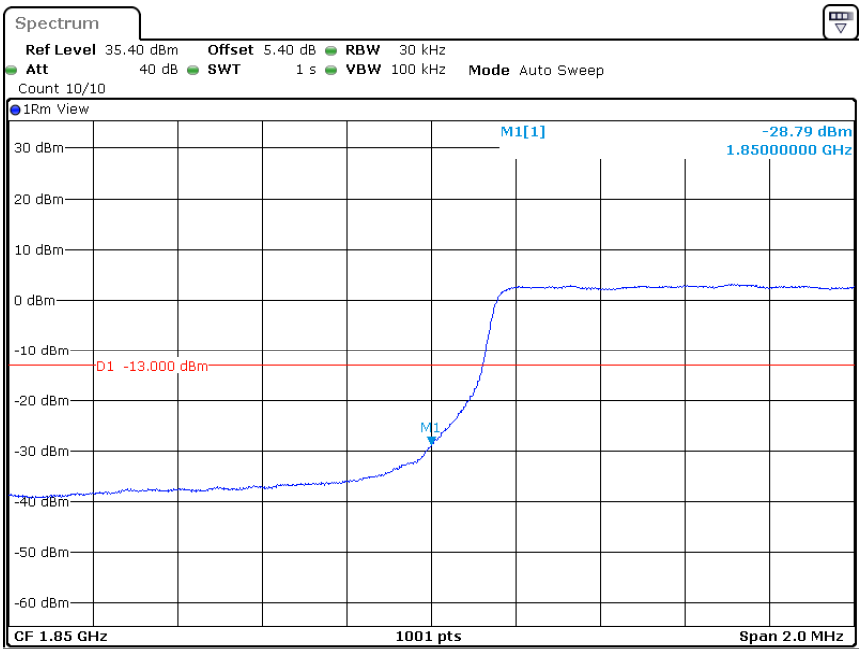

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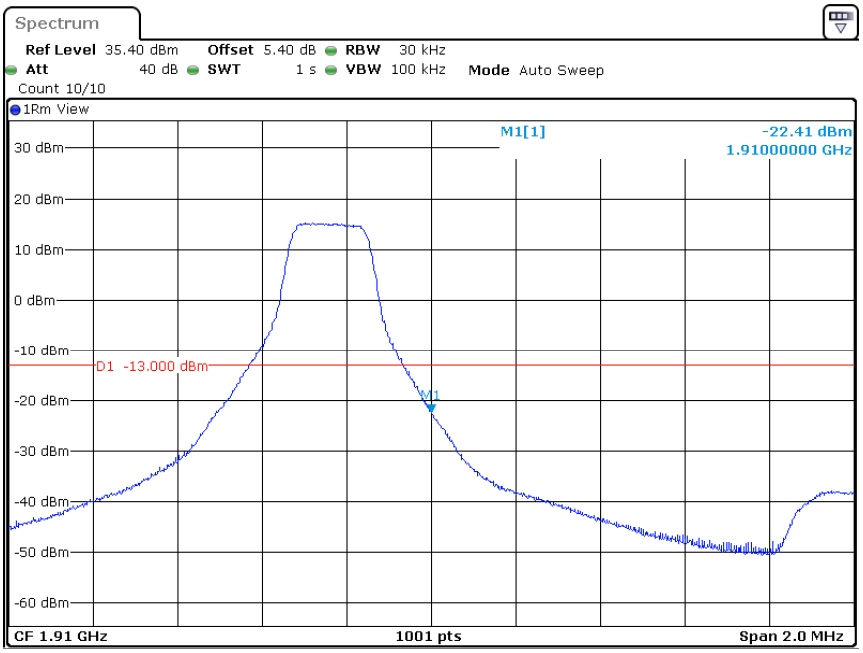
Band2-3MHz-16QAM-19185-1RB#14



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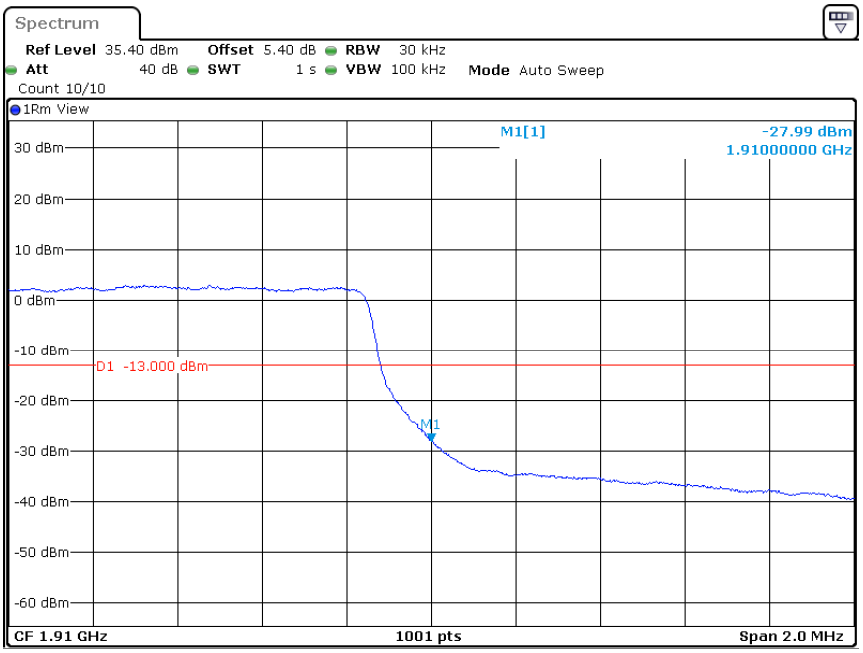

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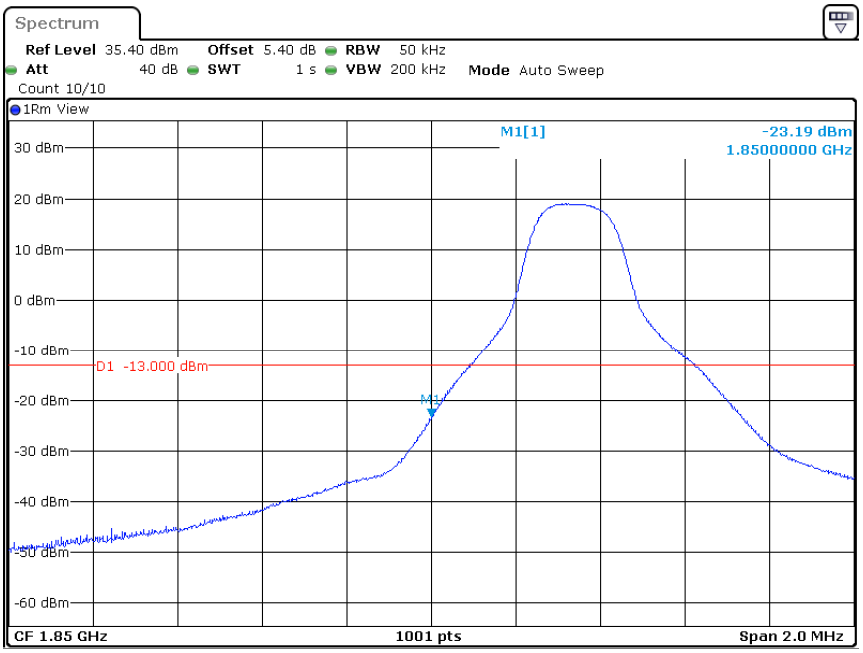
Band2-5MHz-QPSK-18625-1RB#0



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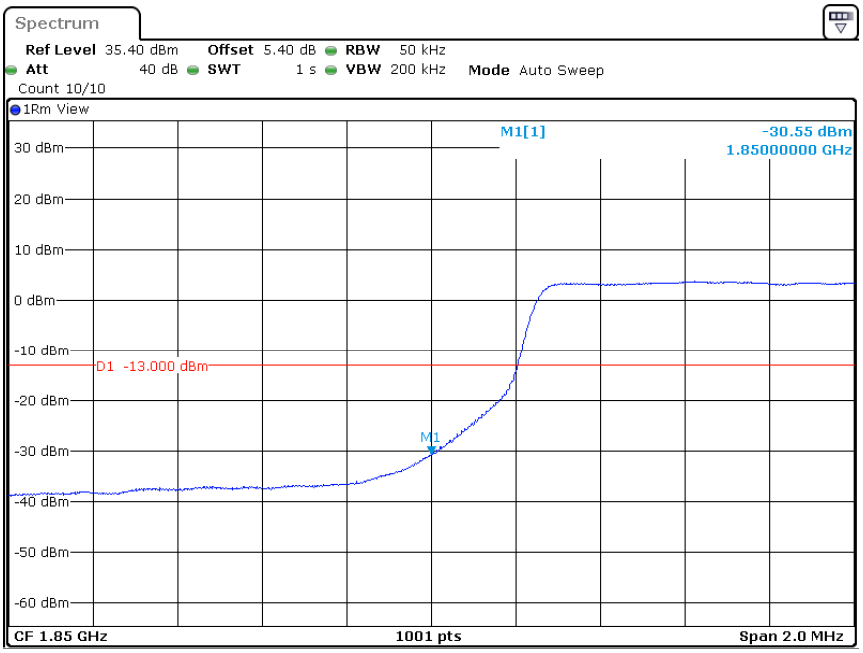
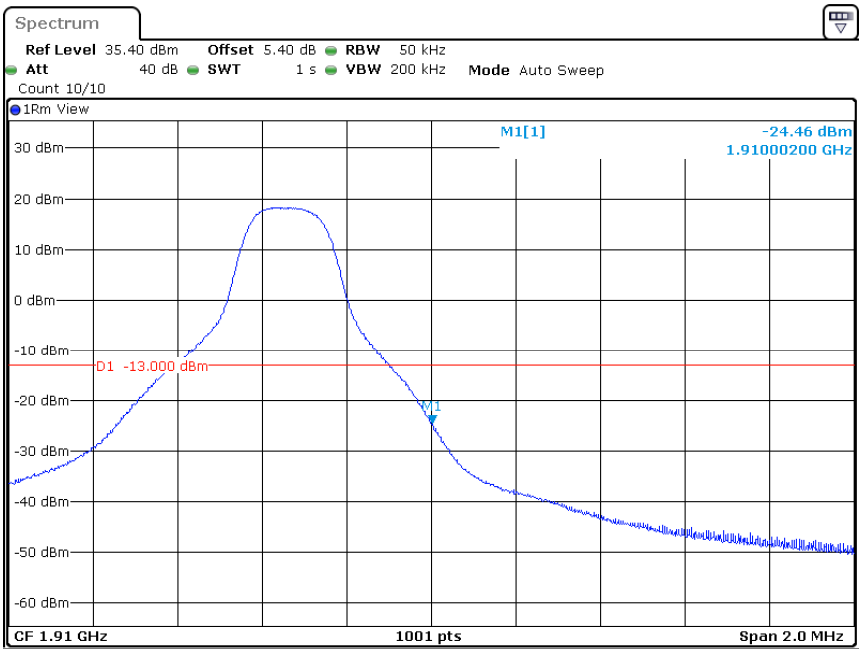


Date: 15.JUL.2020 15:39:34

Band2-5MHz-QPSK-19175-1RB#24



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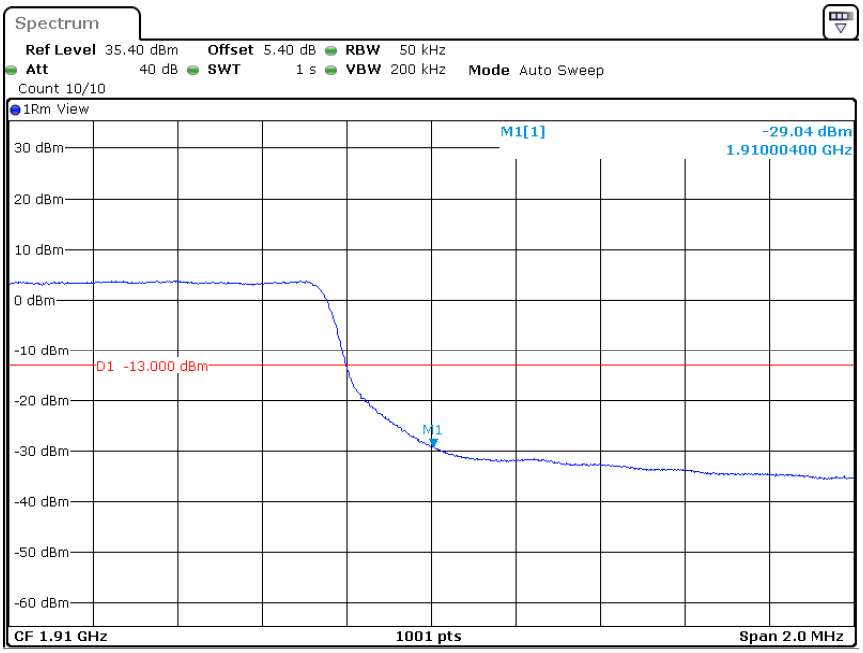

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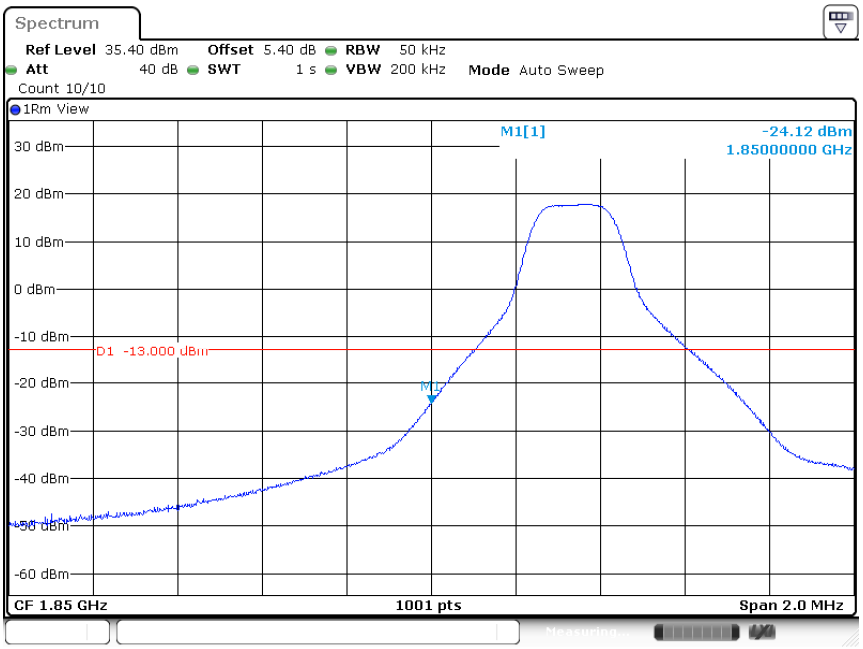

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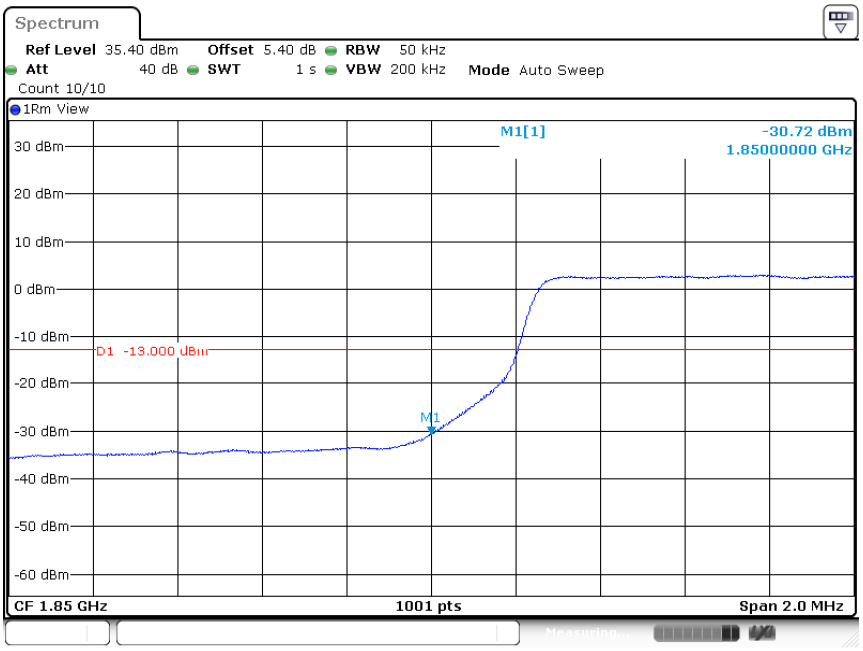

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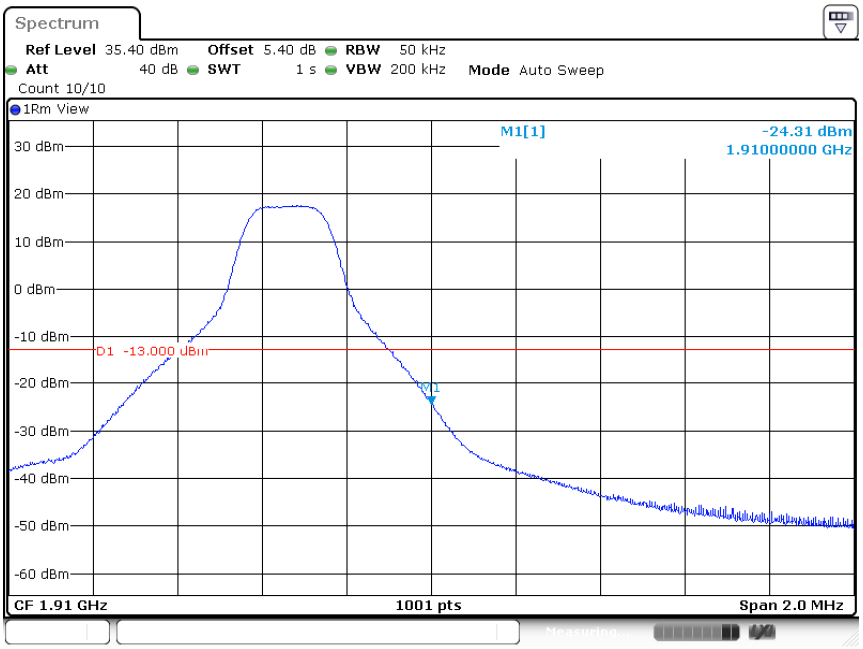

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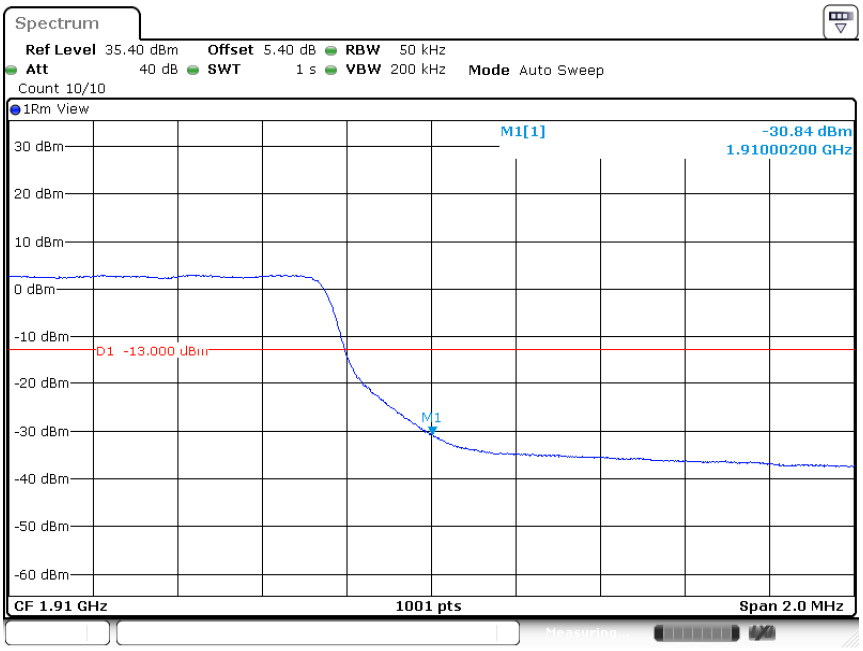

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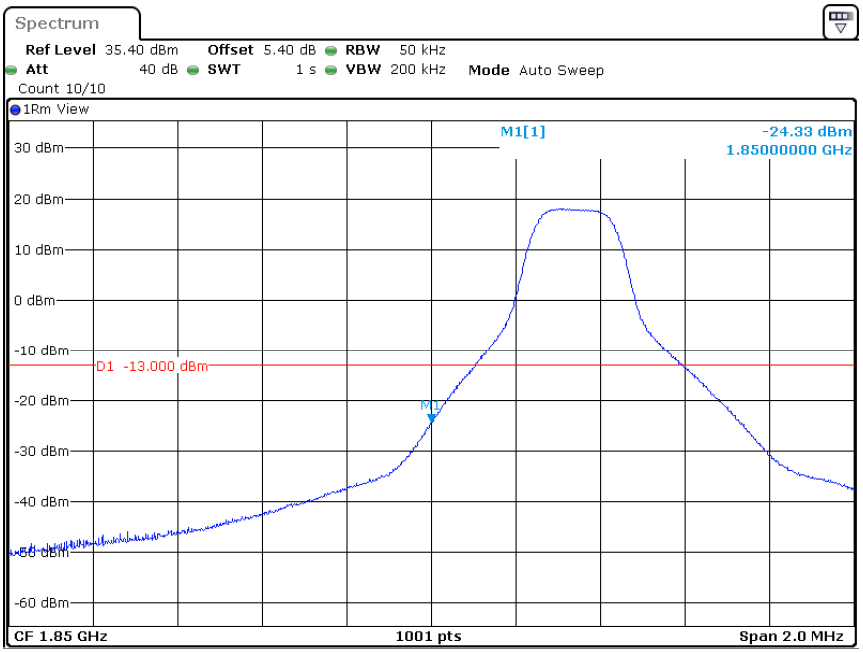

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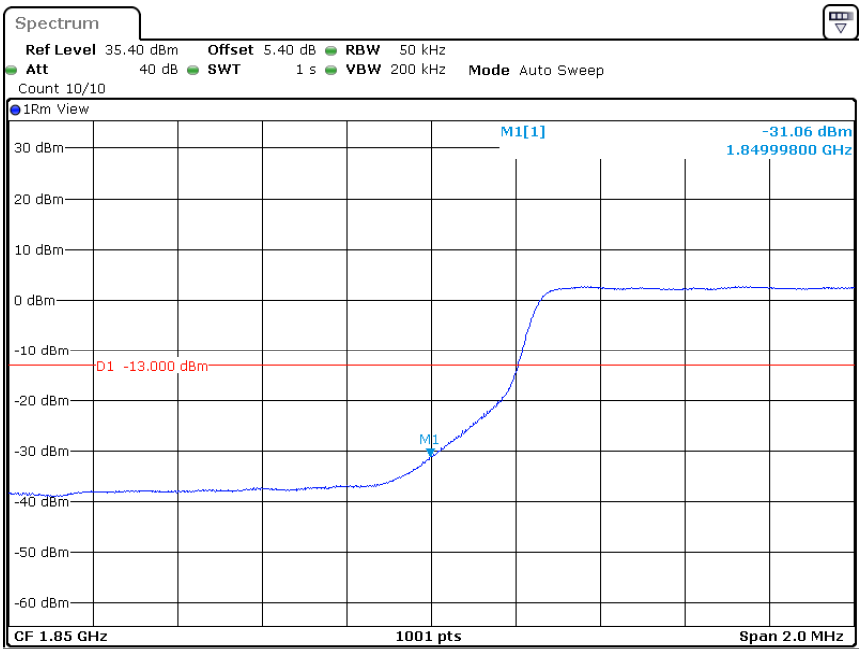

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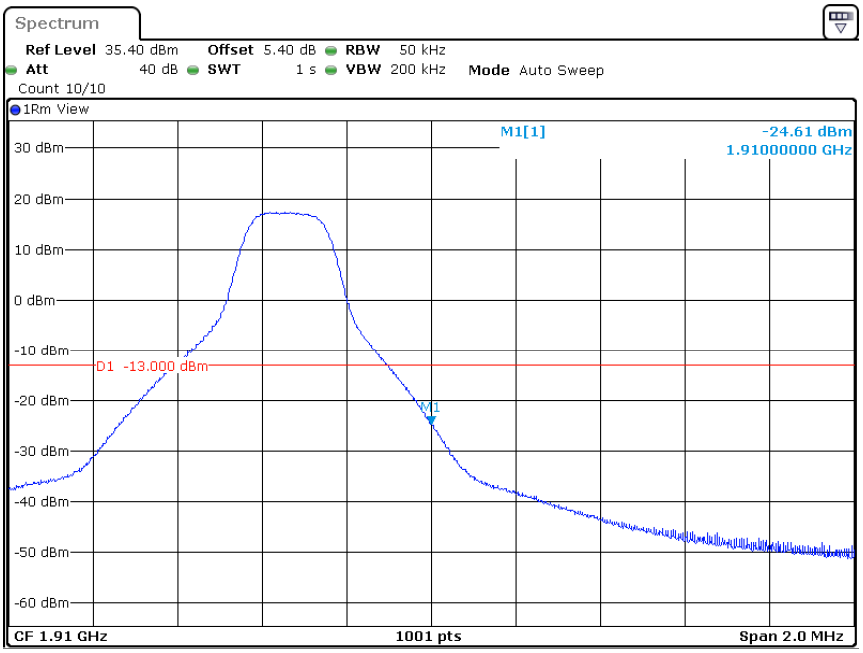

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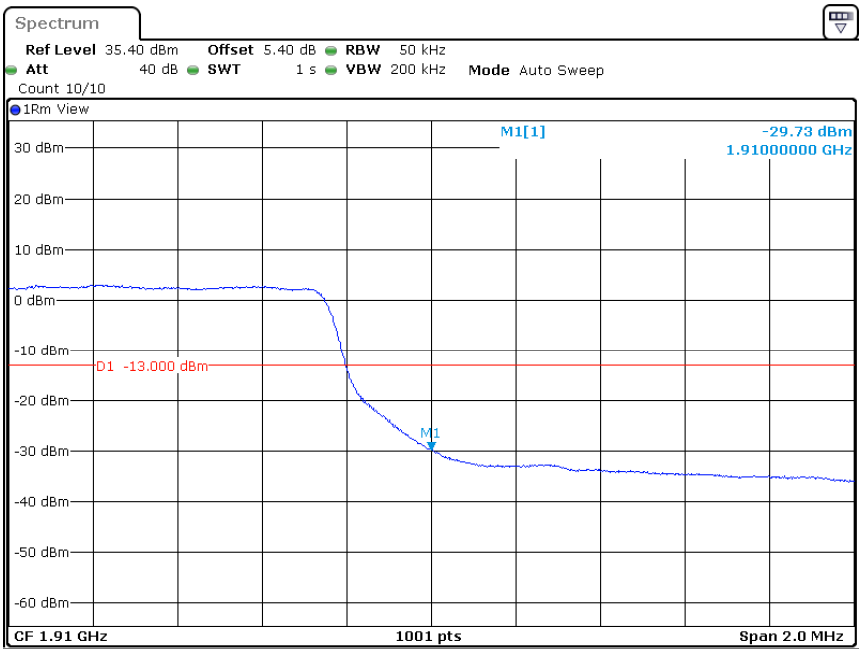
Band2-5MHz-16QAM-19175-25RB#0



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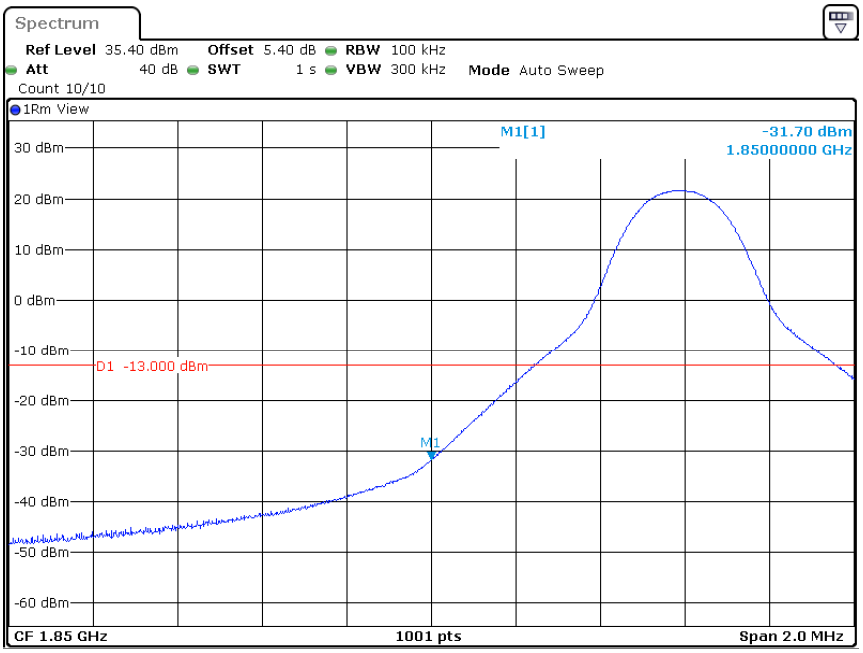
Band2-10MHz-QPSK-18650-1RB#0



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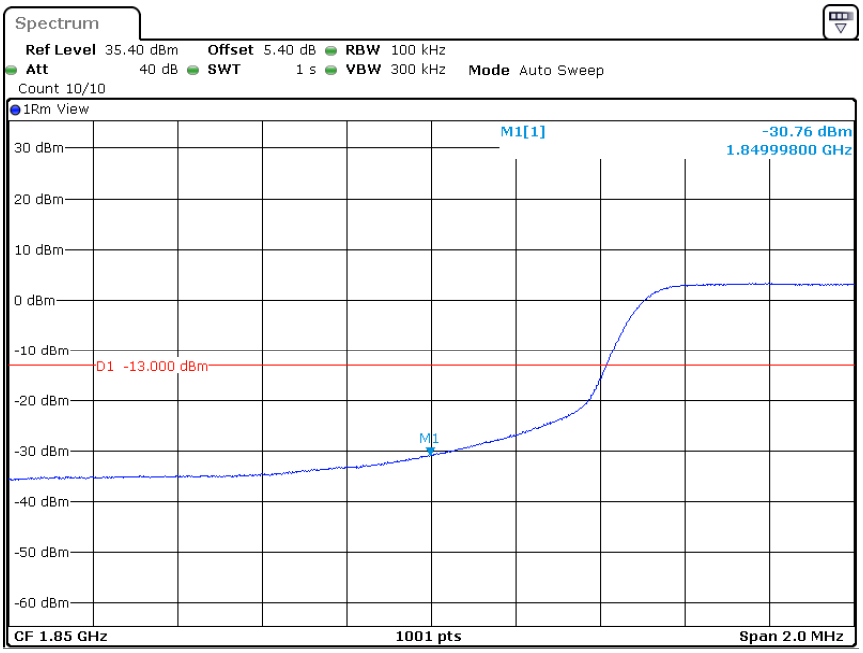
Band2-10MHz-QPSK-18650-50RB#0



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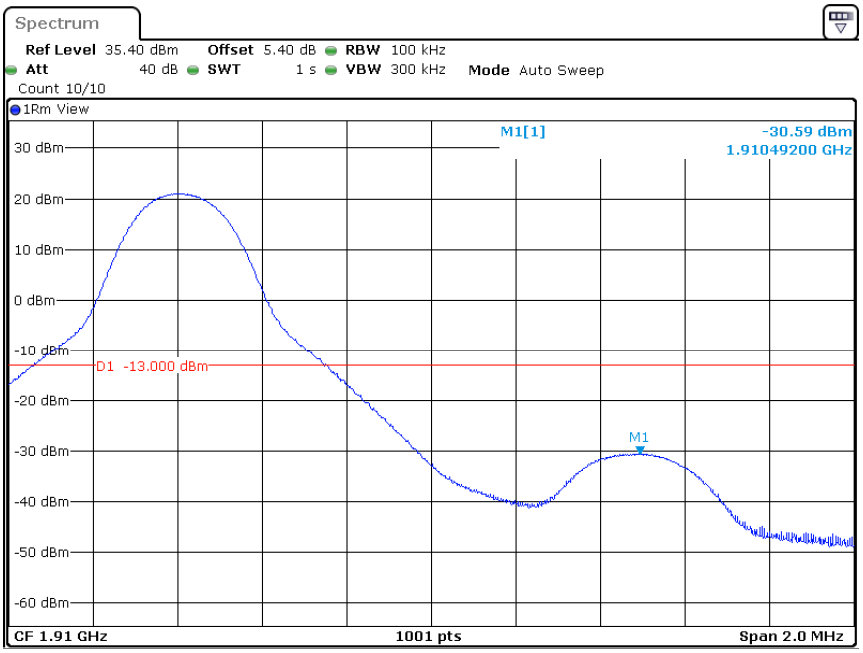
Band2-10MHz-QPSK-19150-1RB#49



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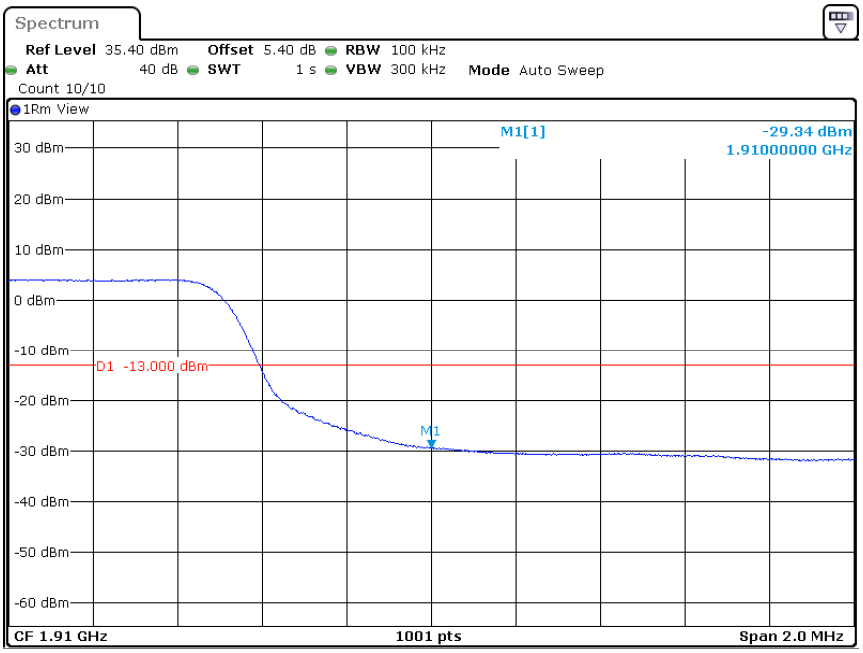
Band2-10MHz-QPSK-19150-50RB#0



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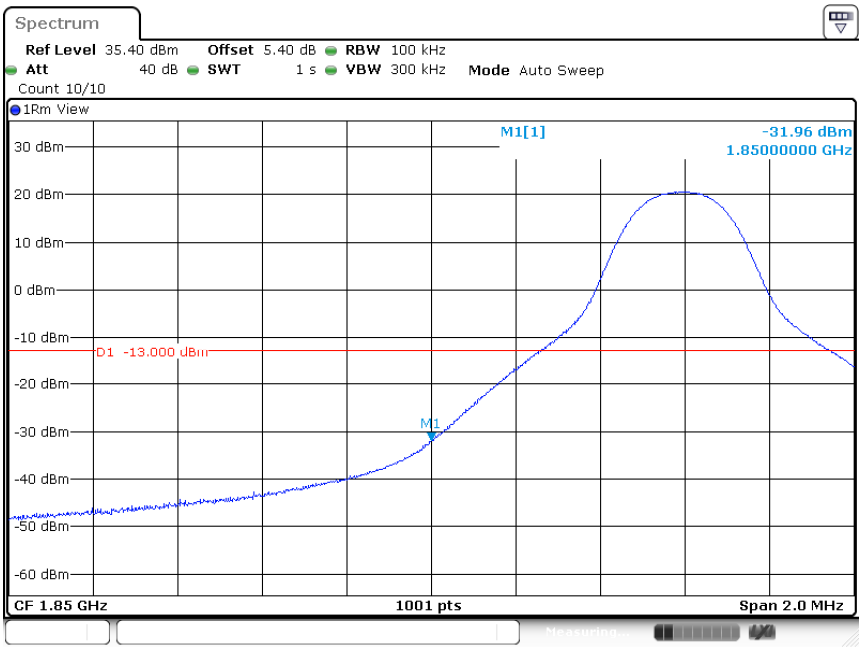
Band2-10MHz-64QAM-18650-1RB#0



Date: 10.AUG.2020 23:18:13

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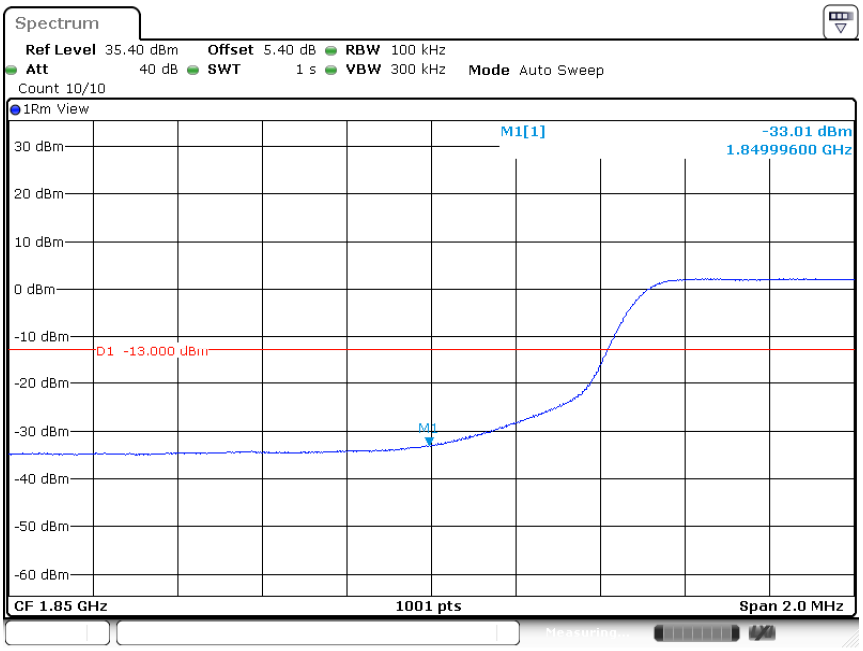
Band2-10MHz-64QAM-18650-50RB#0



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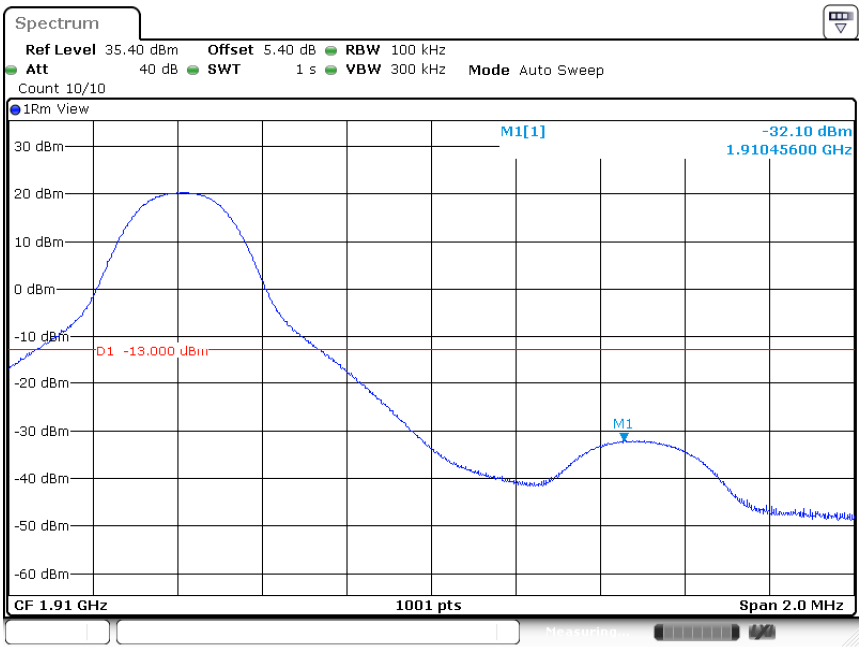
Band2-10MHz-64QAM-19150-1RB#49



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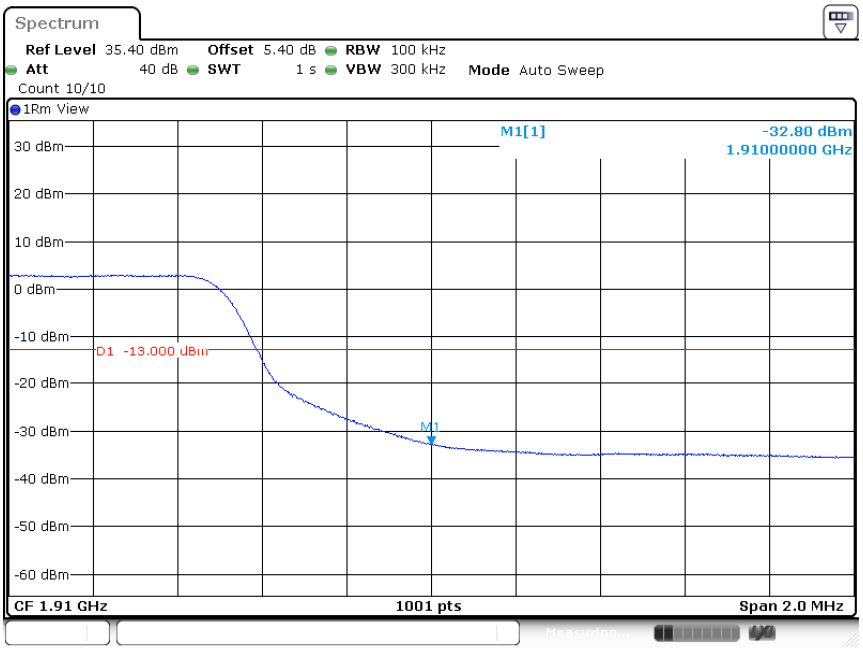
Band2-10MHz-64QAM-19150-50RB#0



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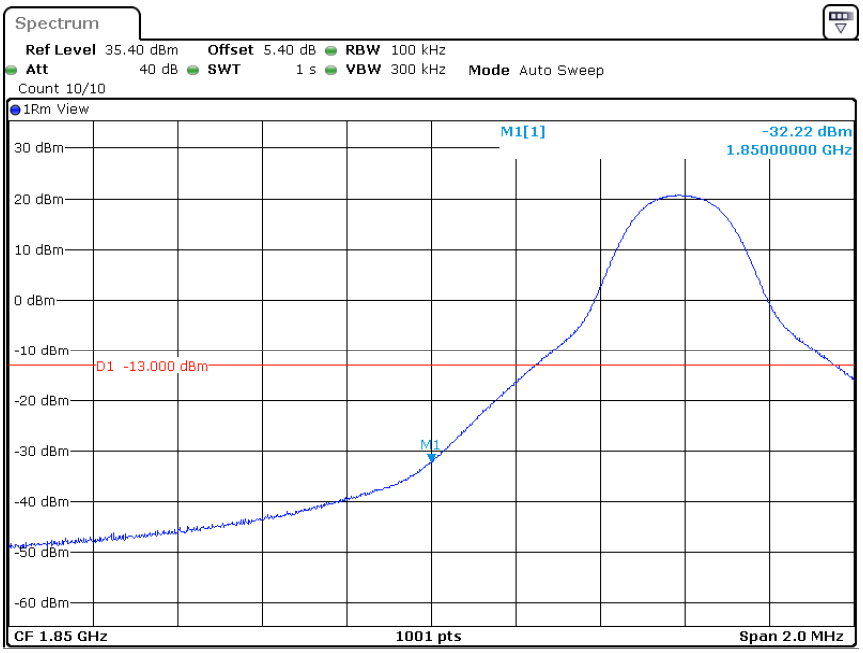
Band2-10MHz-16QAM-18650-1RB#0



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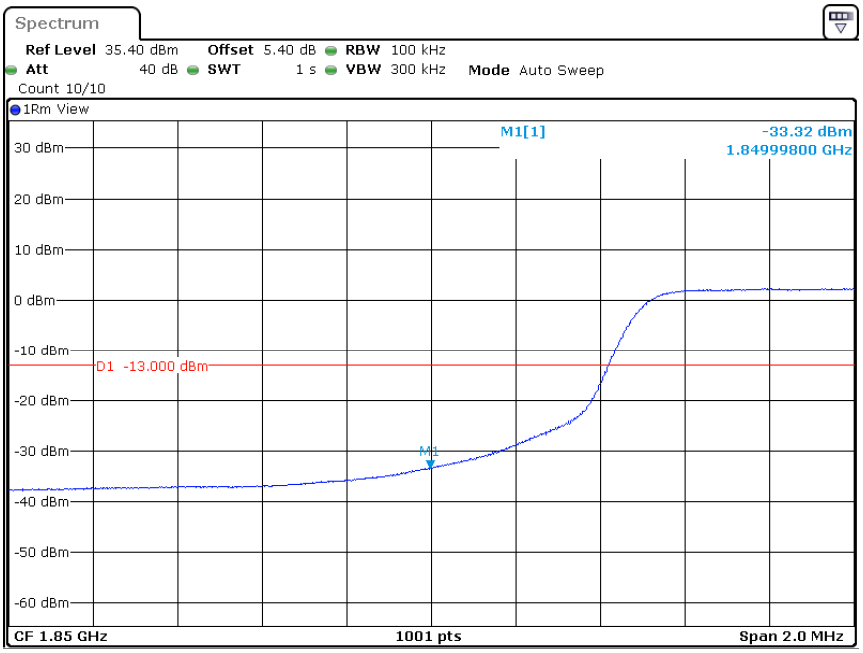
Band2-10MHz-16QAM-18650-50RB#0



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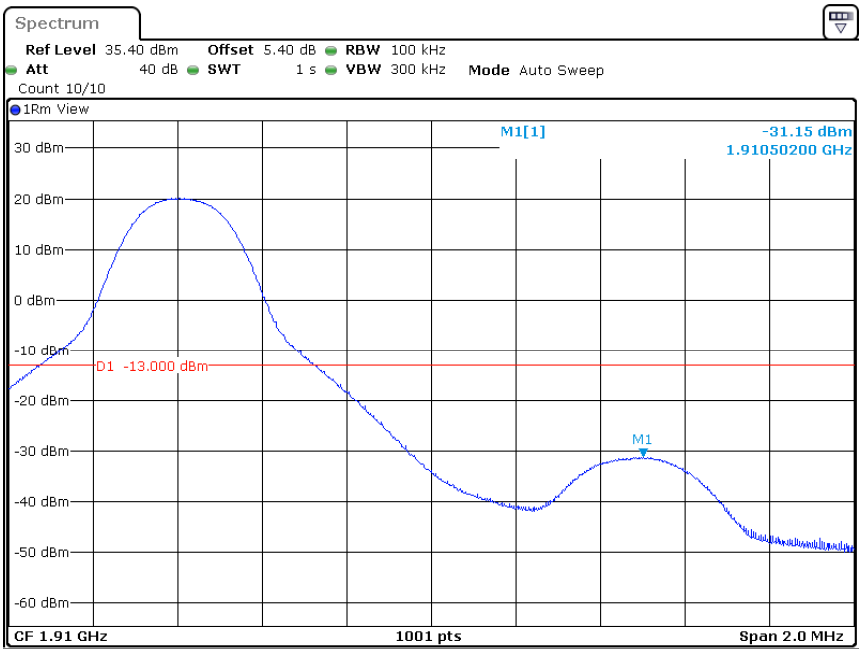
Band2-10MHz-16QAM-19150-1RB#49



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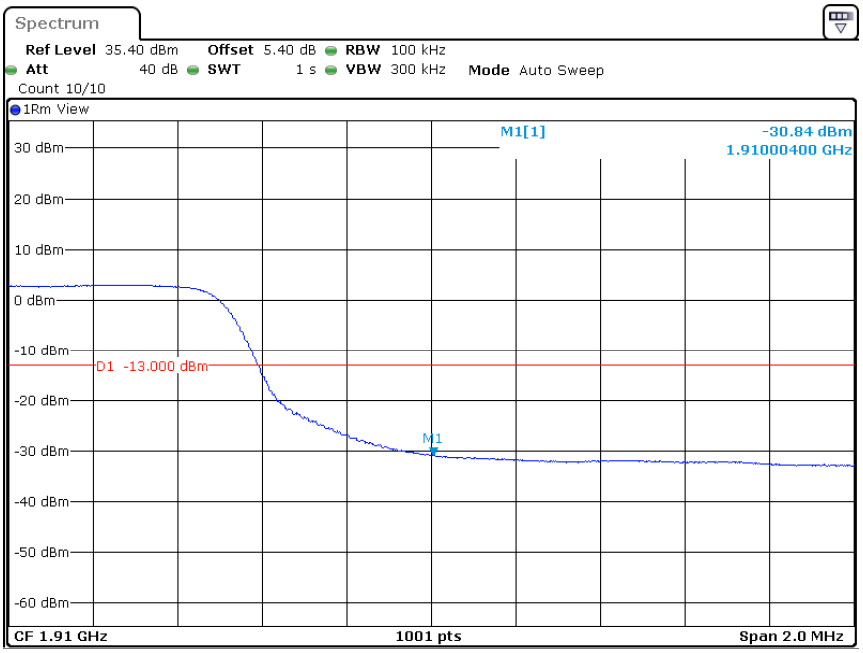

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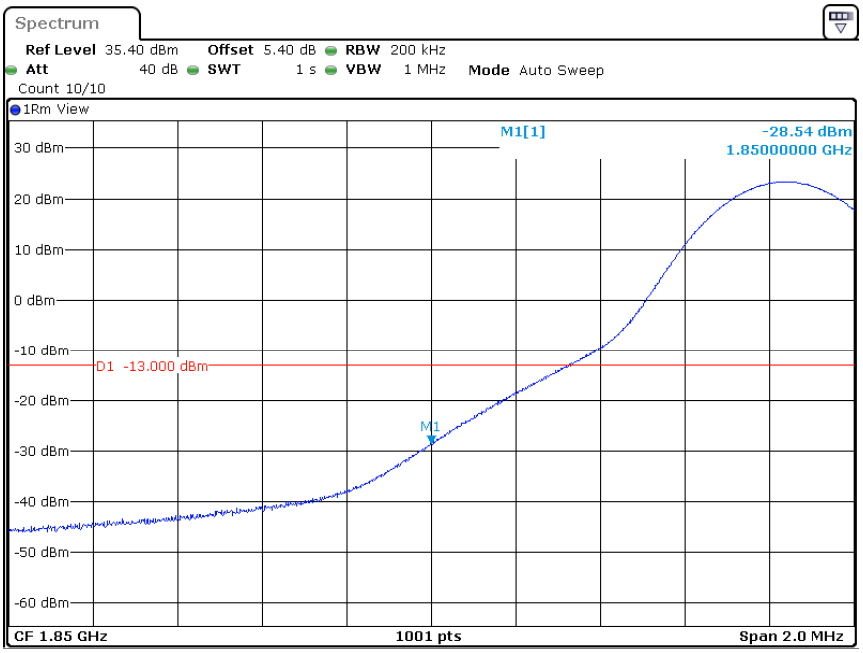
Band2-15MHz-QPSK-18675-1RB#0



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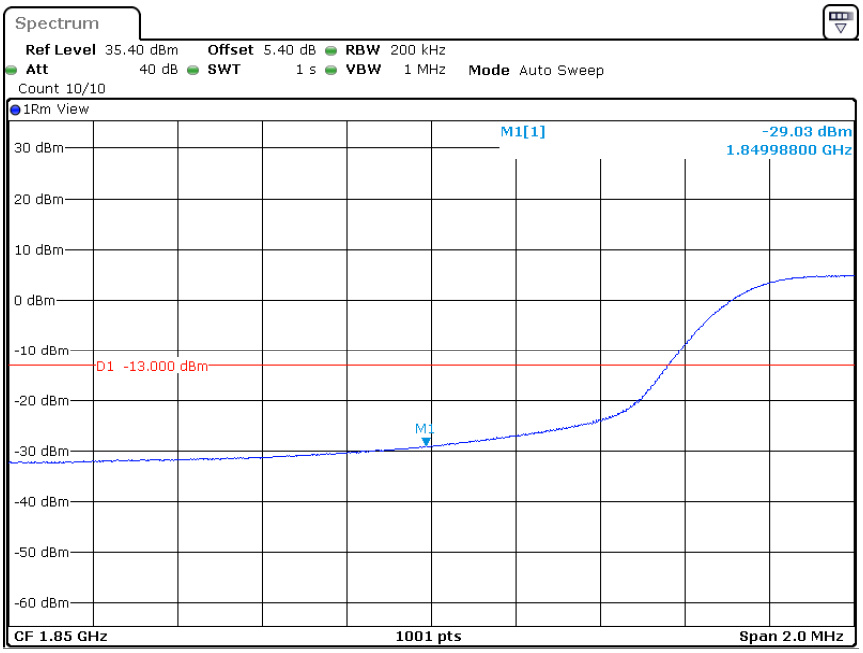
Band2-15MHz-QPSK-18675-75RB#0



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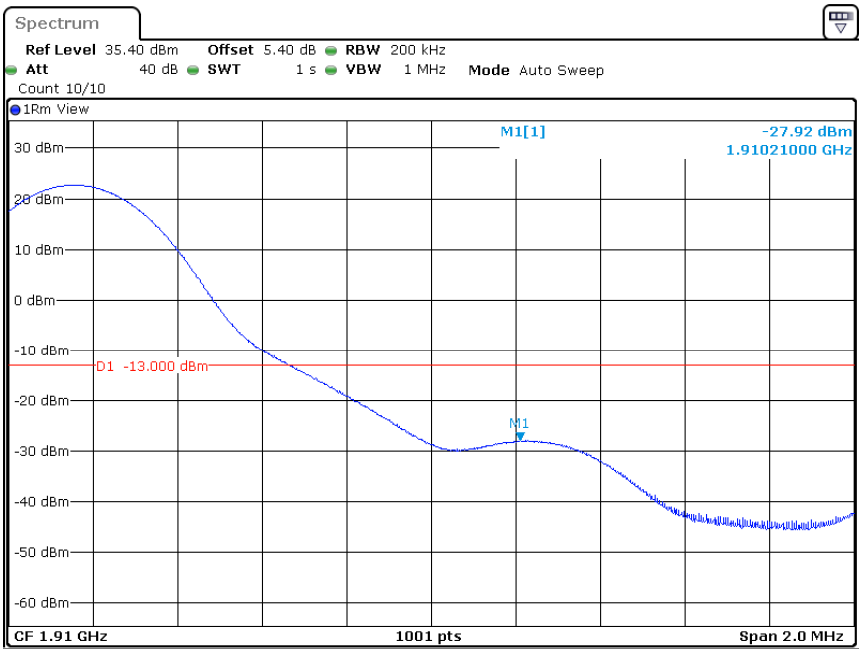
Band2-15MHz-QPSK-19125-1RB#74



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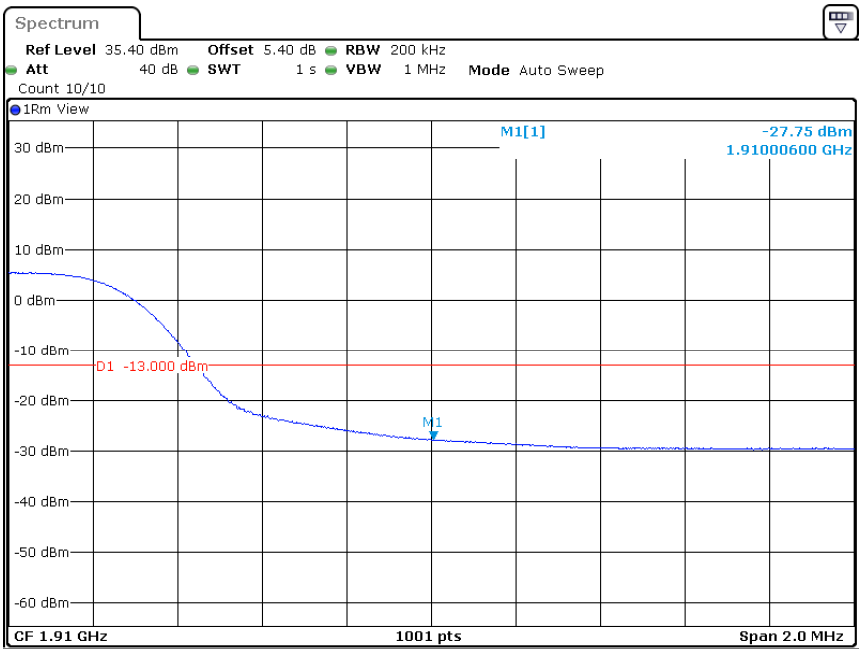
Band2-15MHz-QPSK-19125-75RB#0



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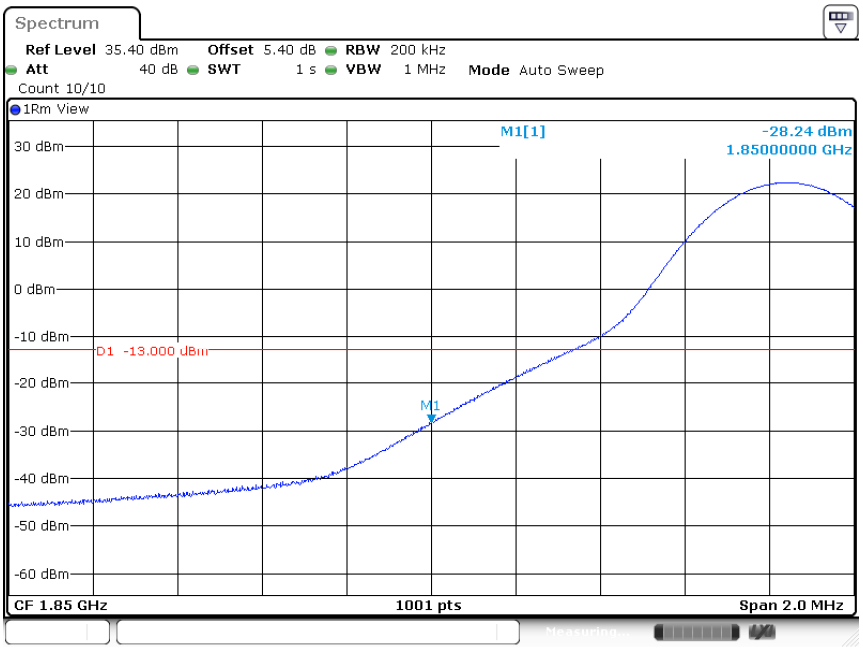
Band2-15MHz-64QAM-18675-1RB#0



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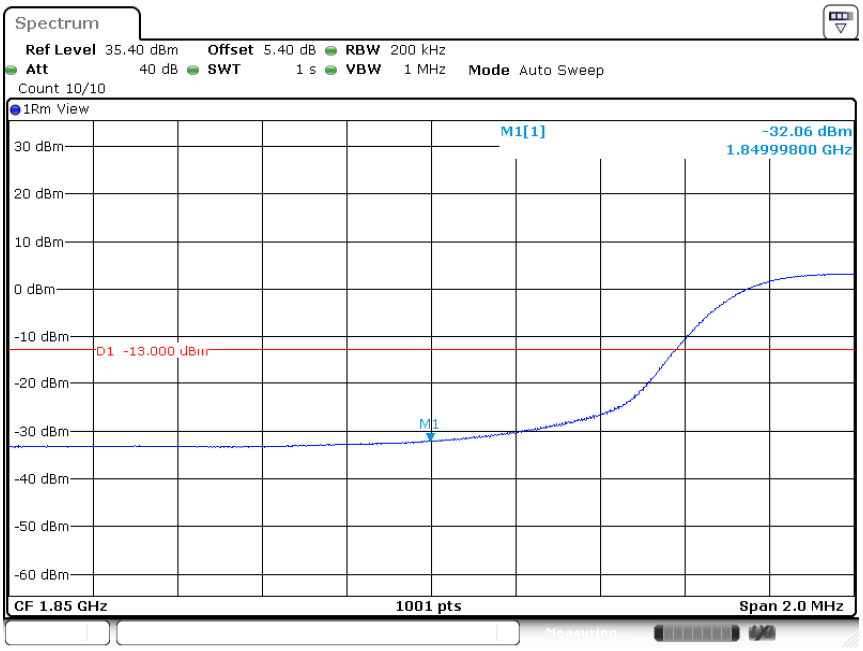

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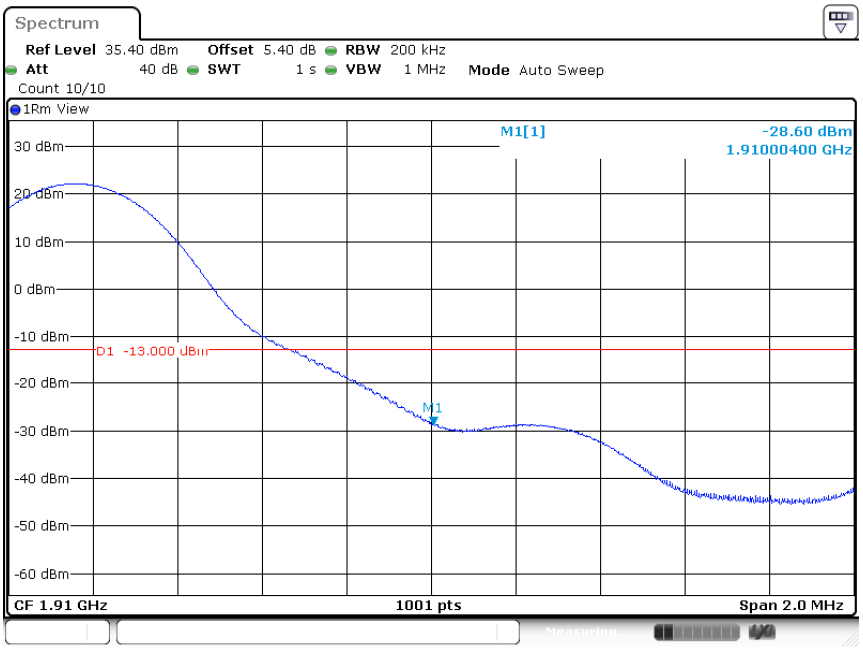
Band2-15MHz-64QAM-19125-1RB#74



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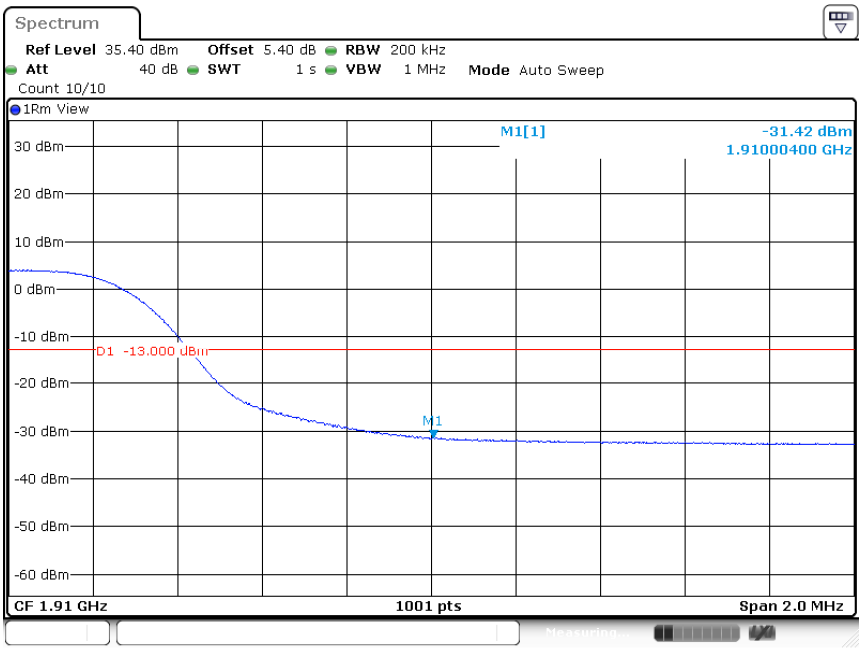
Band2-15MHz-64QAM-19125-75RB#0



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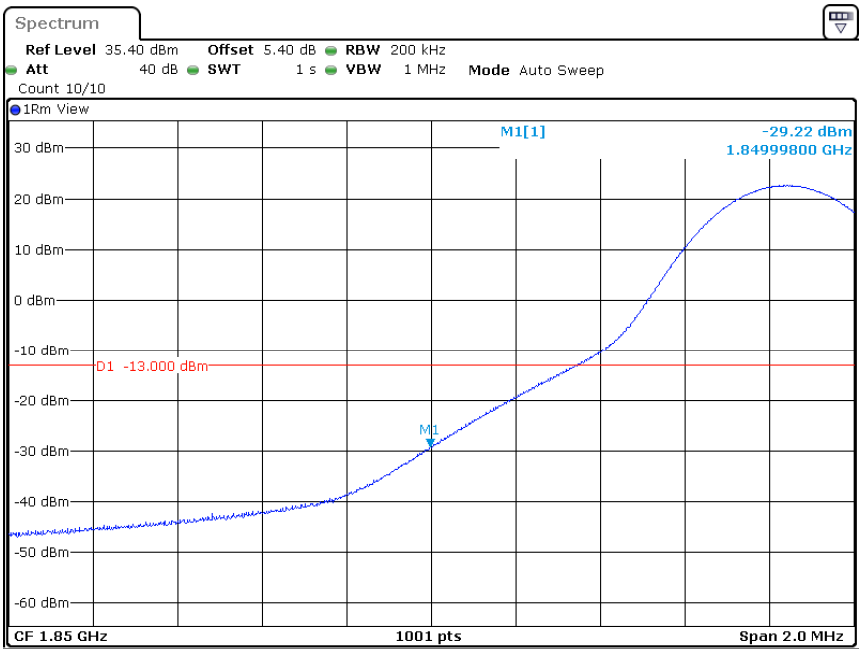

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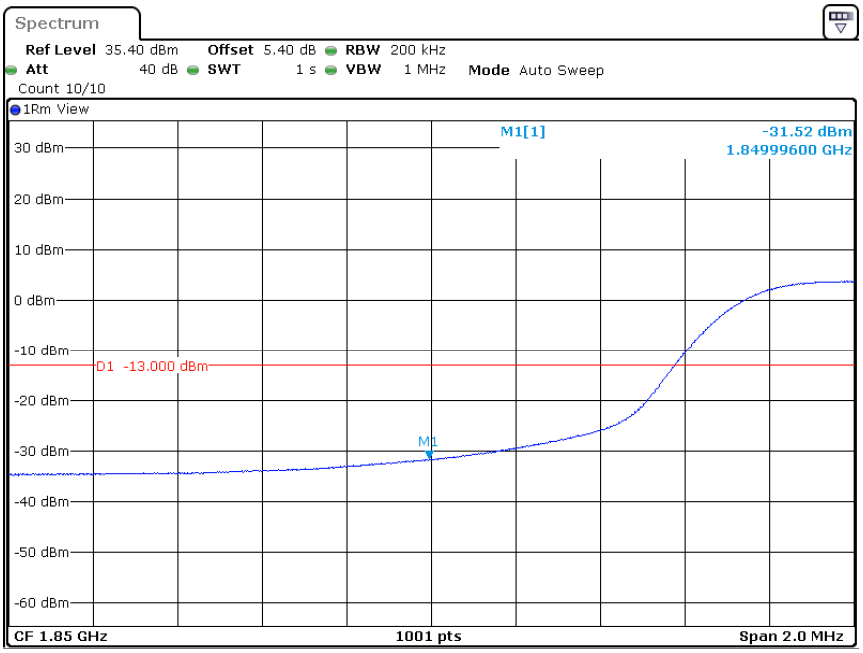
Band2-15MHz-16QAM-18675-75RB#0



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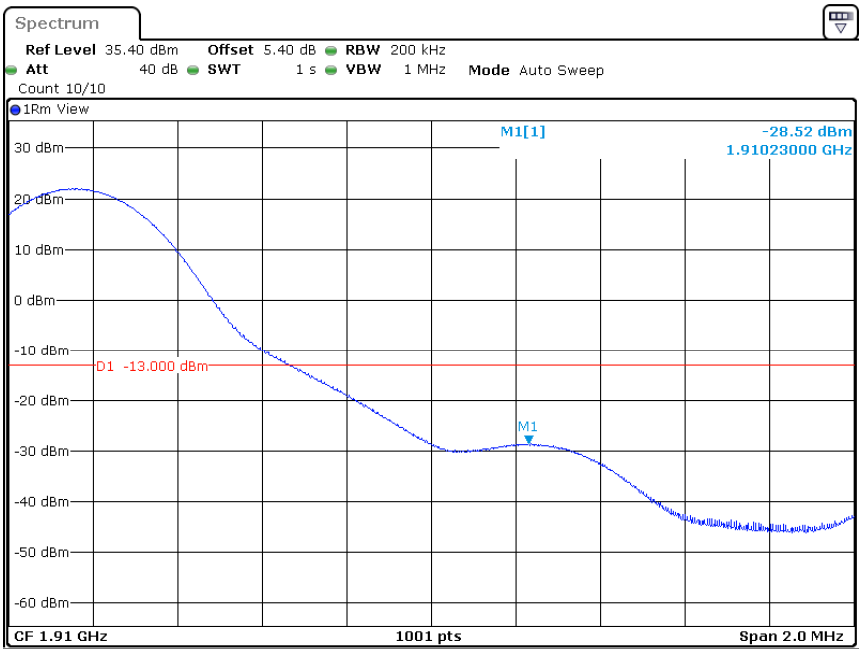

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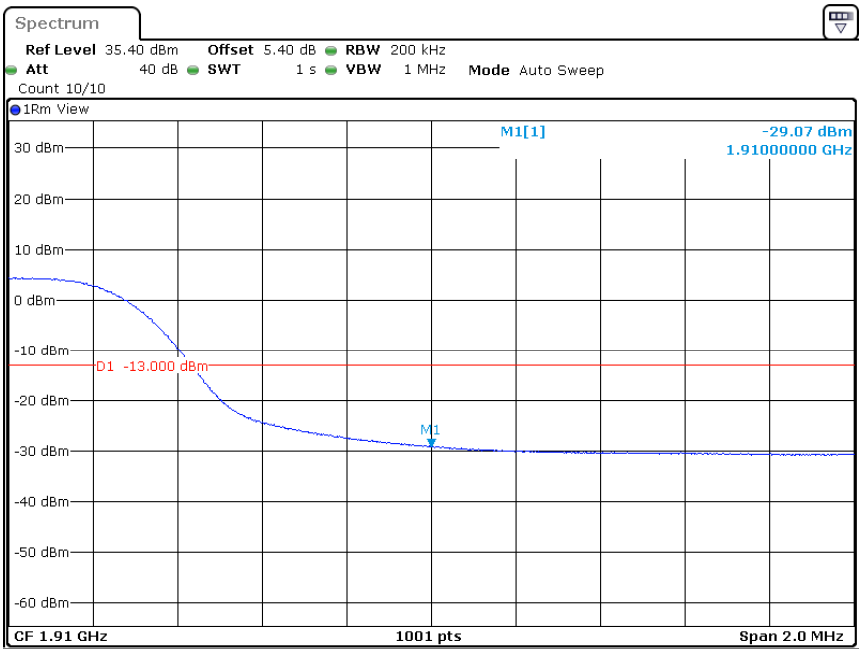
Band2-15MHz-16QAM-19125-75RB#0



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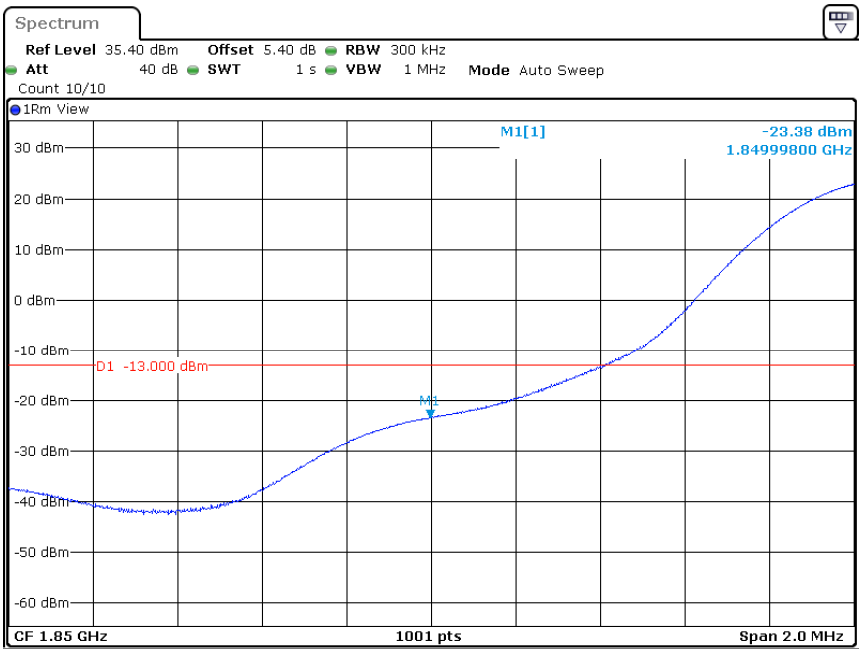
Band2-20MHz-QPSK-18700-1RB#0



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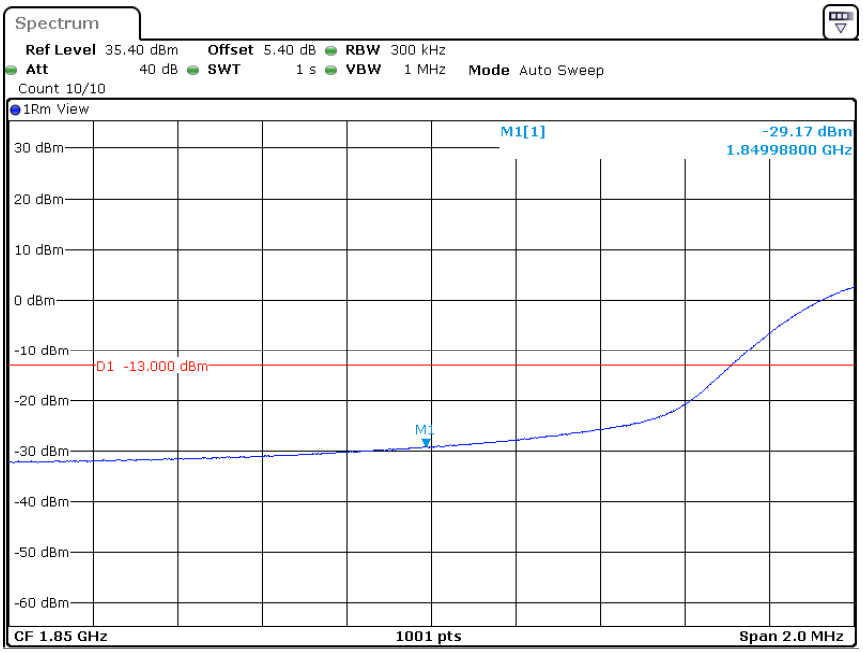
Band2-20MHz-QPSK-18700-100RB#0



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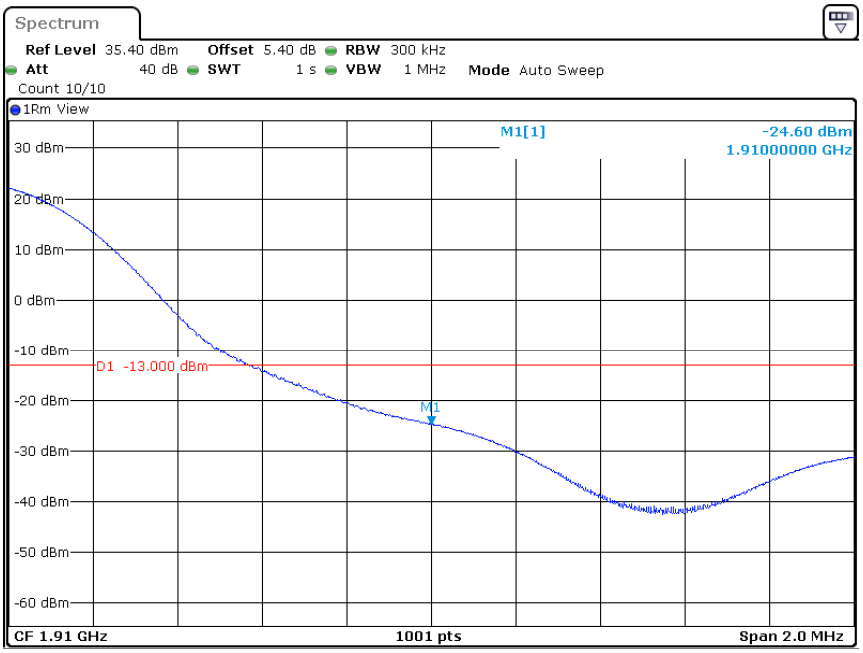
Band2-20MHz-QPSK-19100-1RB#99



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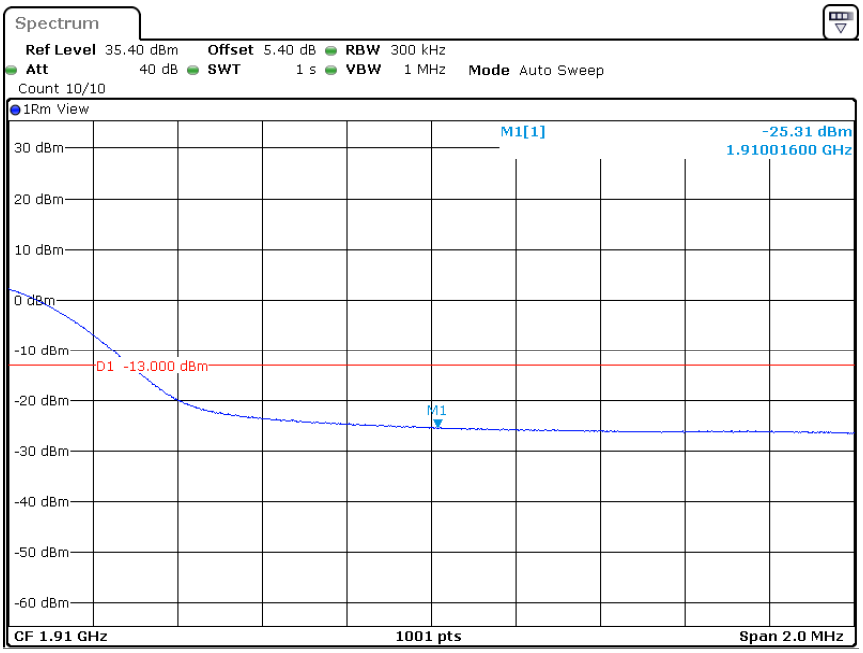
Band2-20MHz-QPSK-19100-100RB#0



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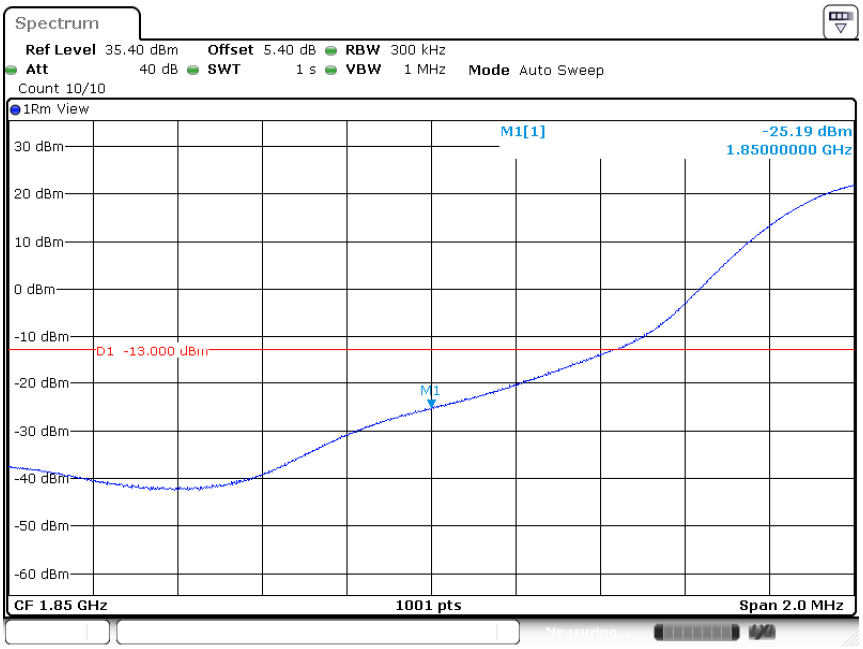
Band2-20MHz-64QAM-18700-1RB#0



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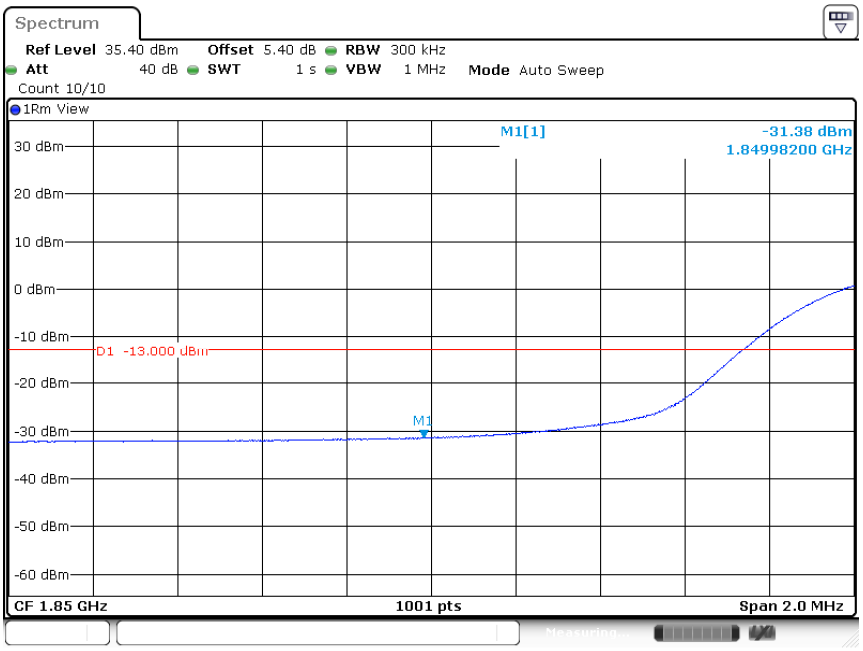
Band2-20MHz-64QAM-18700-100RB#0



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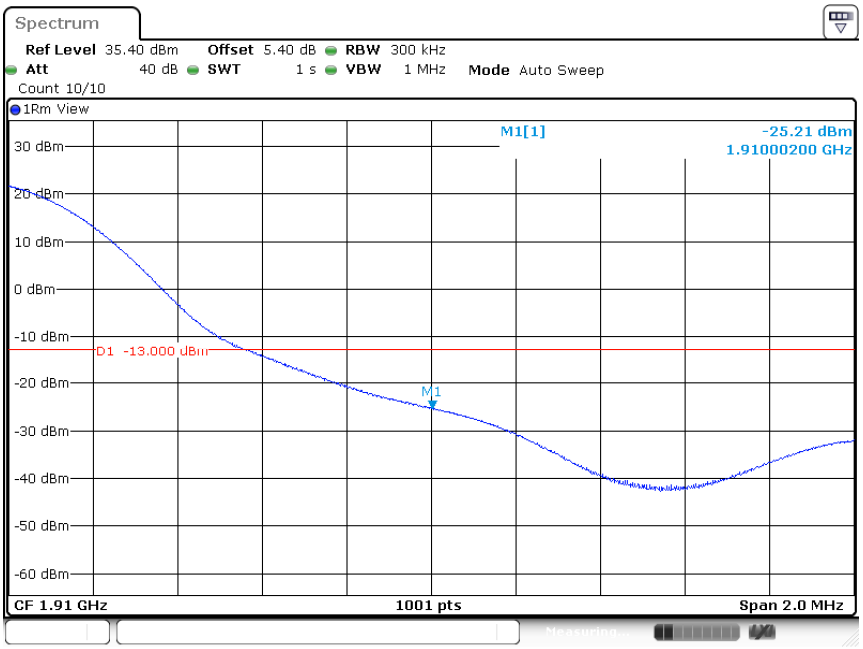
Band2-20MHz-64QAM-19100-1RB#99



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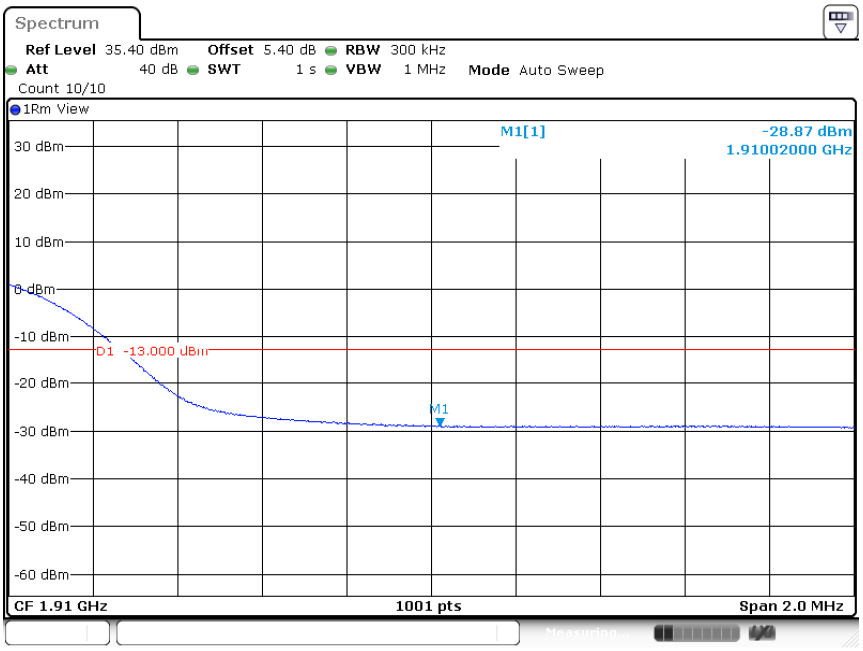
Band2-20MHz-64QAM-19100-100RB#0



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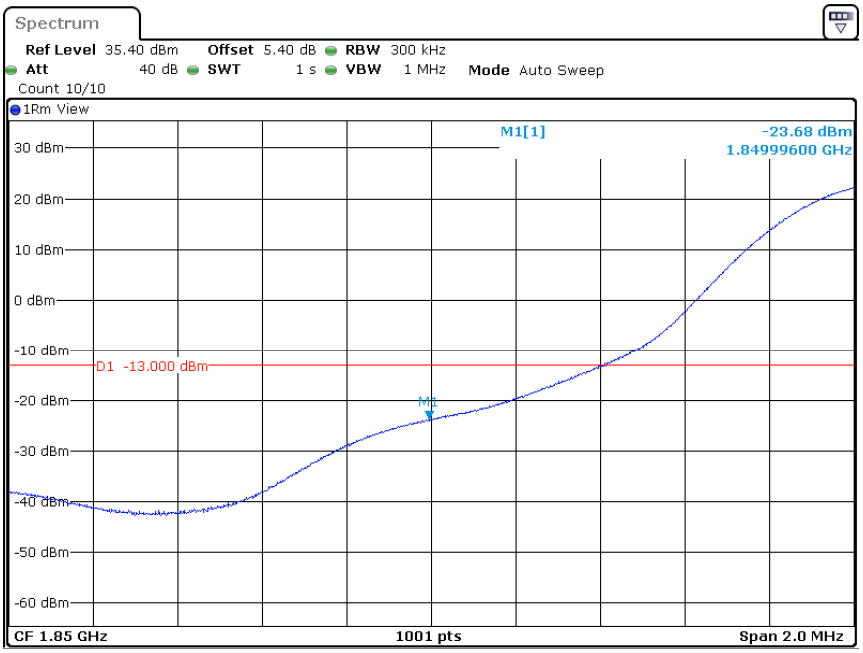
Band2-20MHz-16QAM-18700-1RB#0



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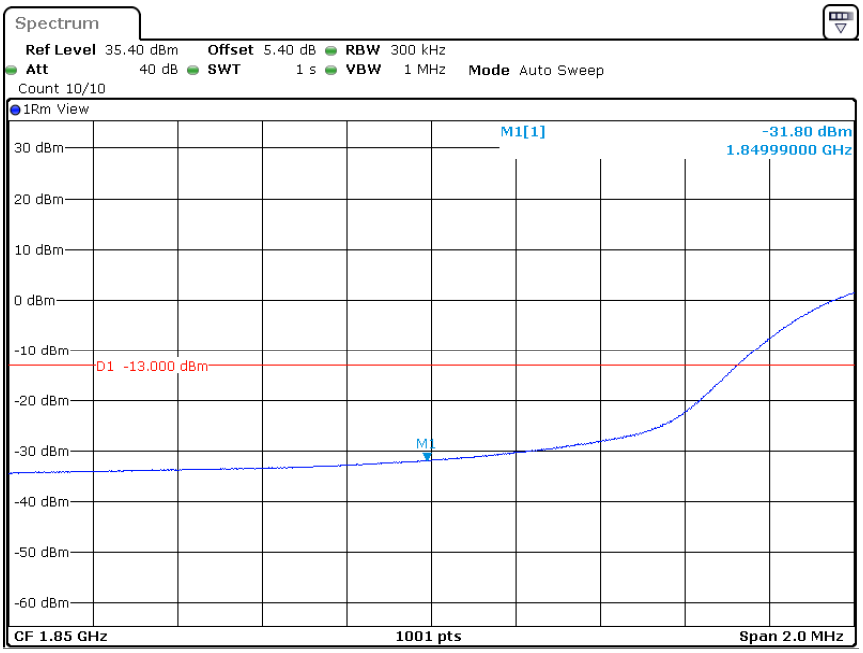
Band2-20MHz-16QAM-18700-100RB#0



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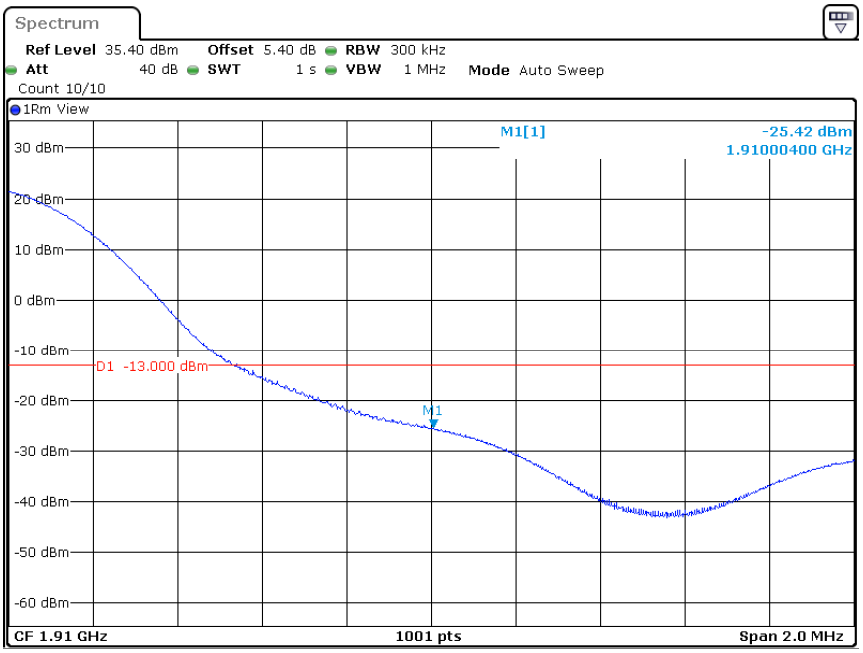

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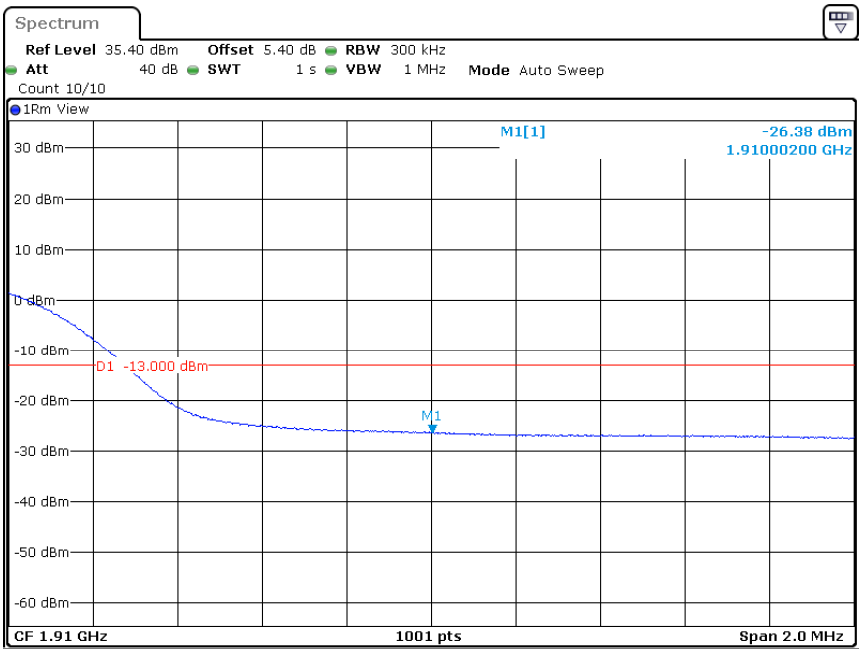

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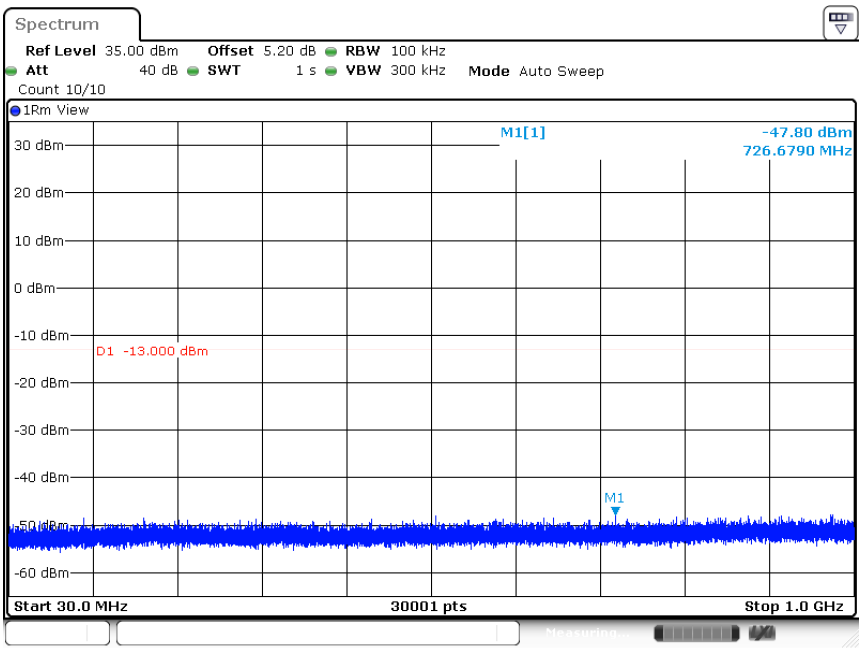
6. Spurious Emission at Antenna Terminal

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 Plots

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



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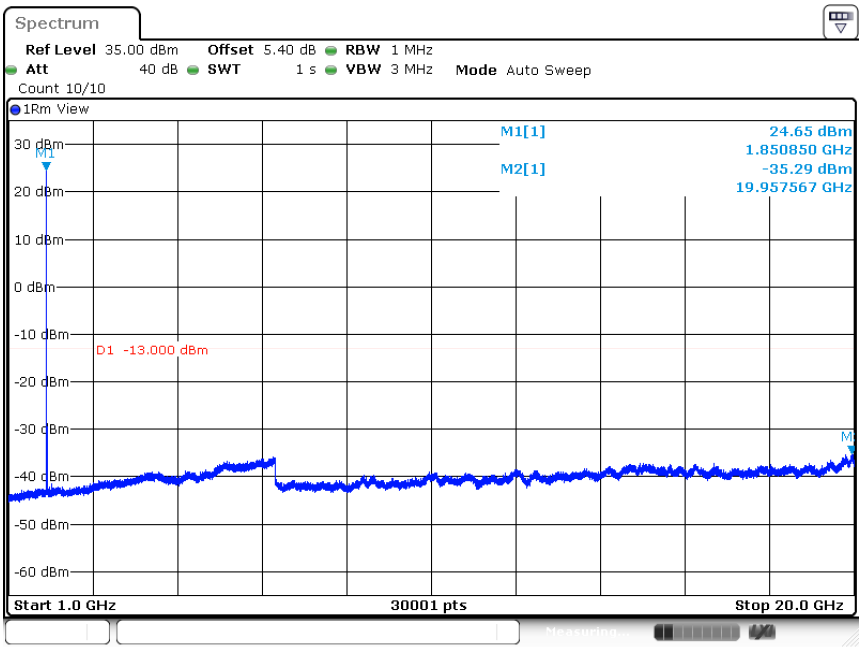
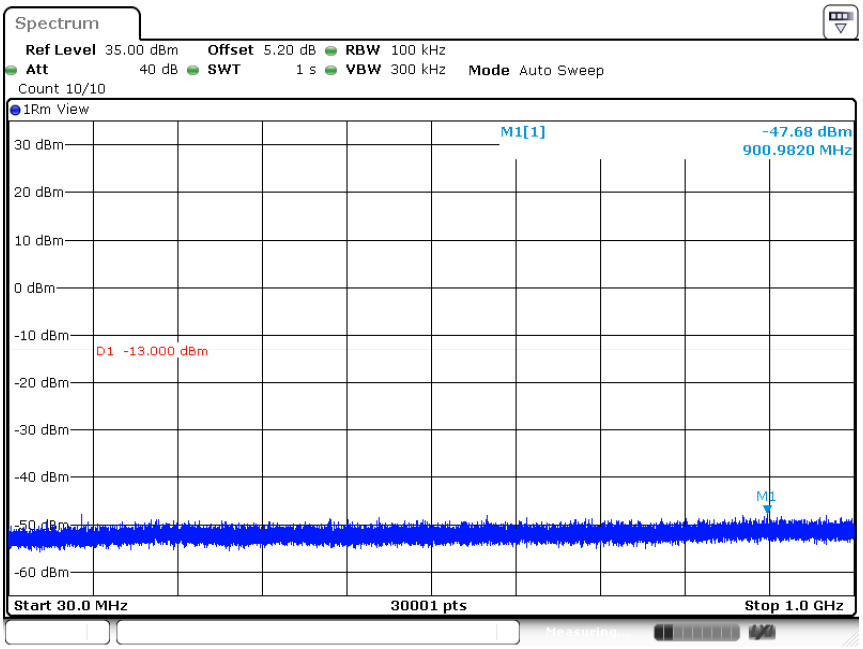
Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



Date: 10.AUG.2020 22:04:54

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



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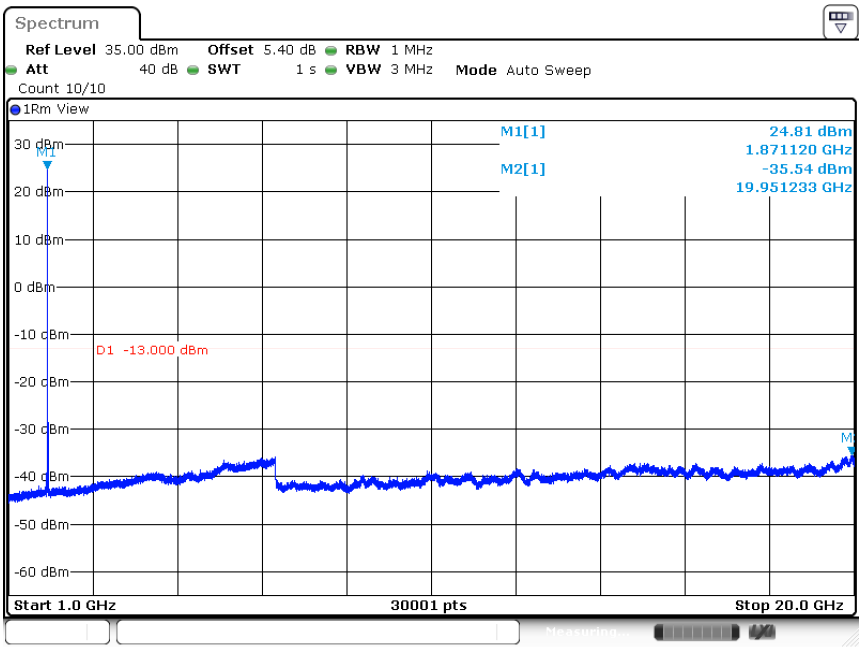
Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



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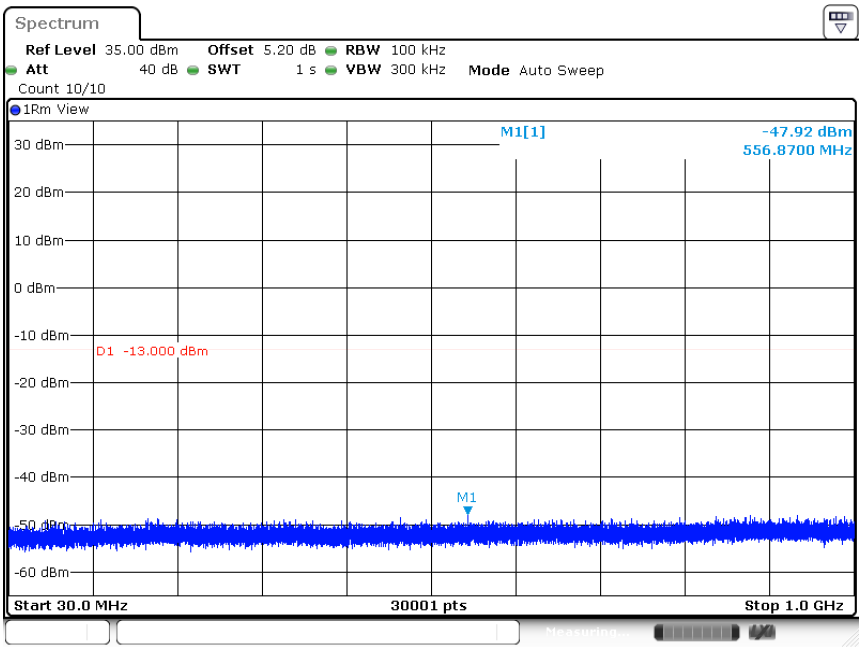

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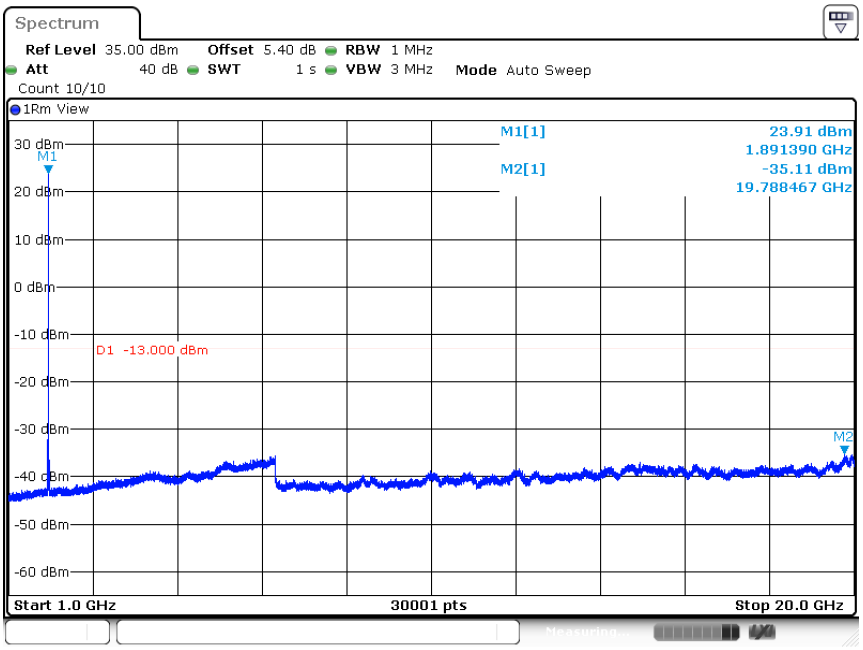
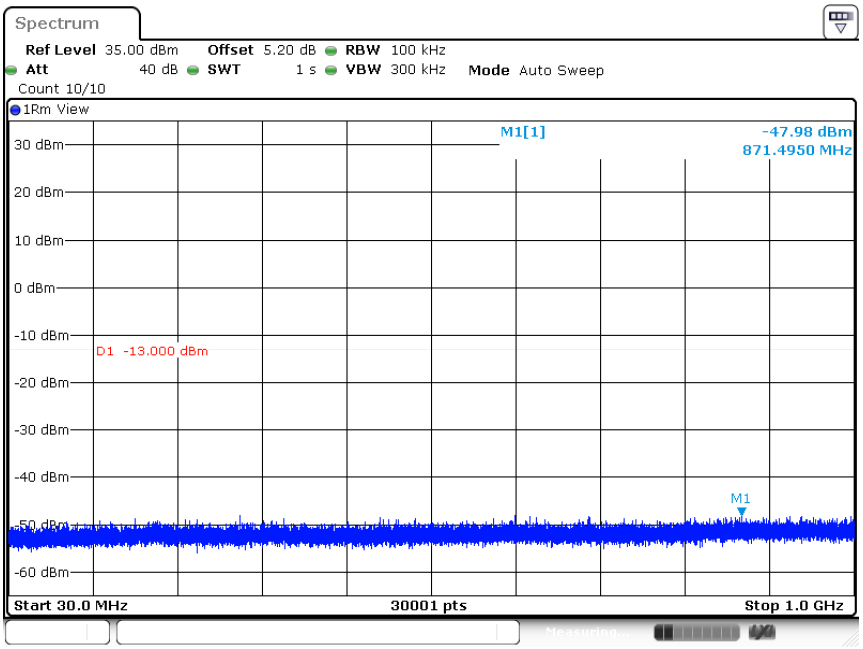


Date: 10.AUG.2020 22:07:15

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



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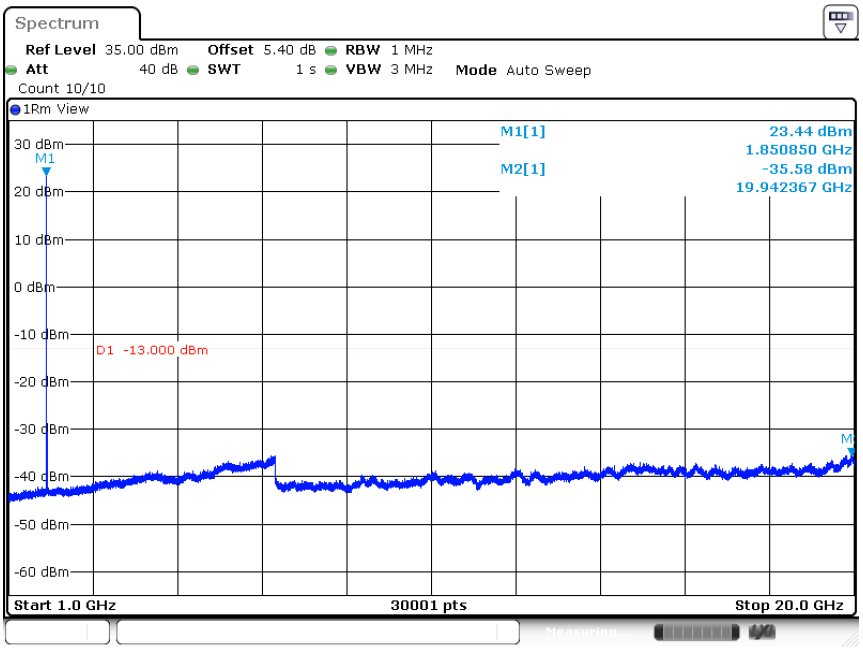

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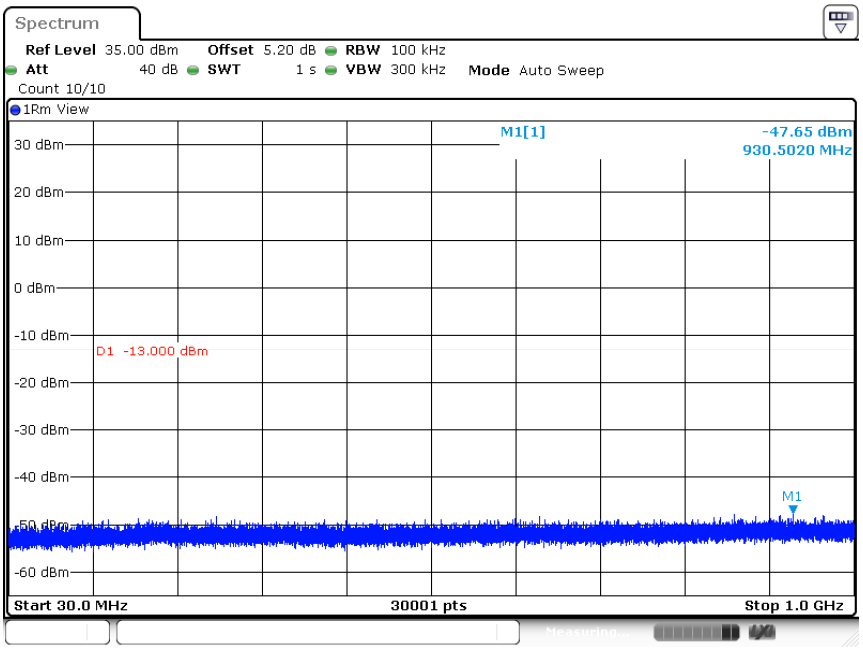

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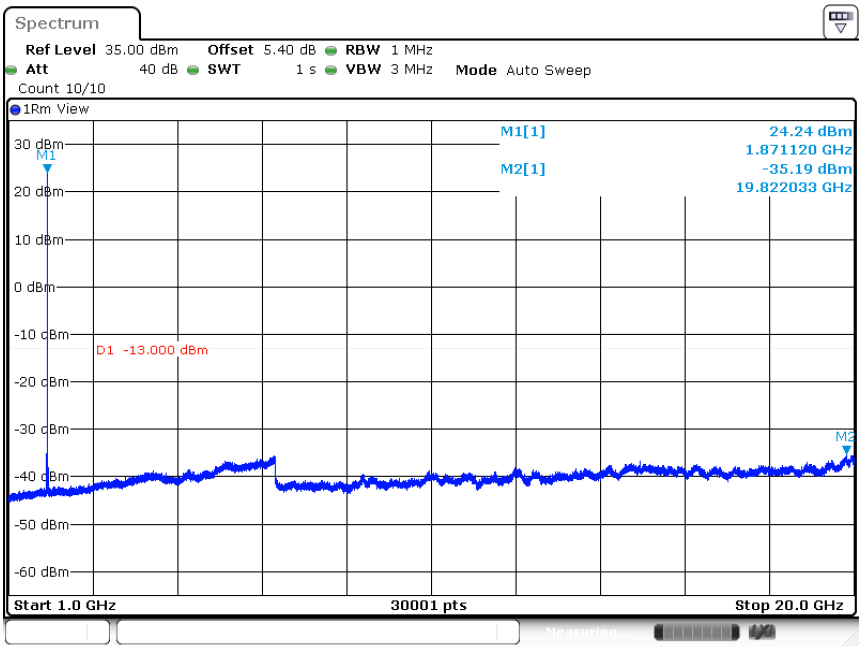

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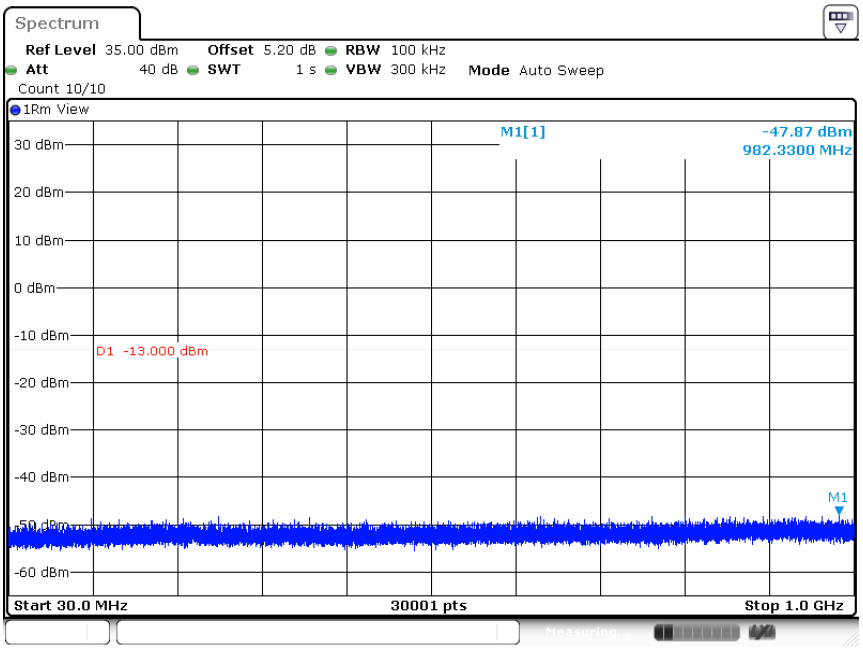

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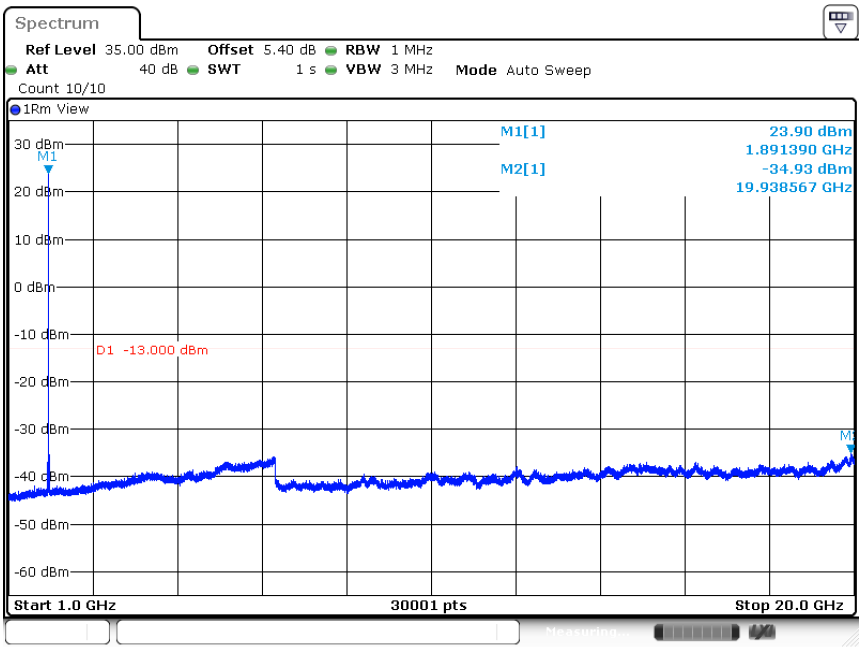

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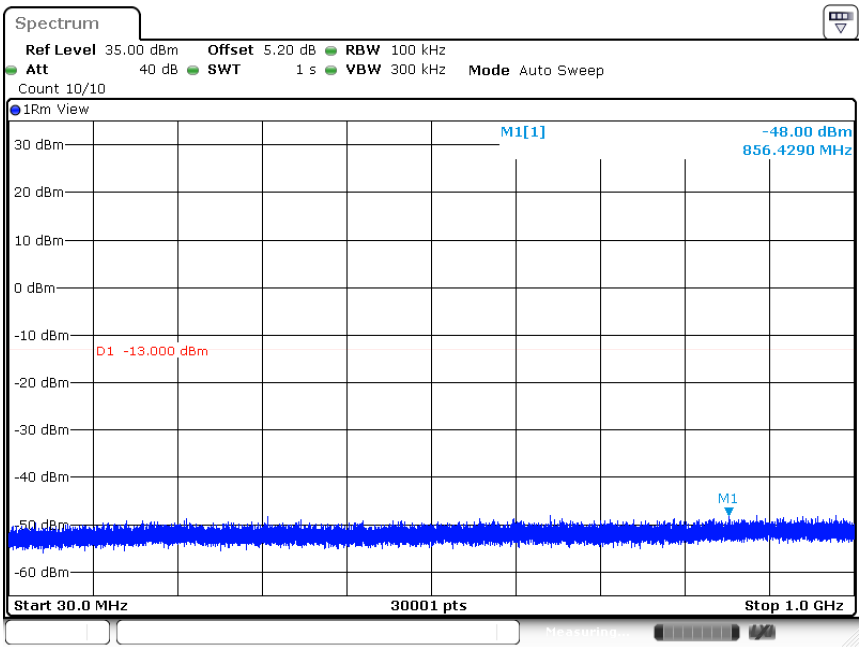

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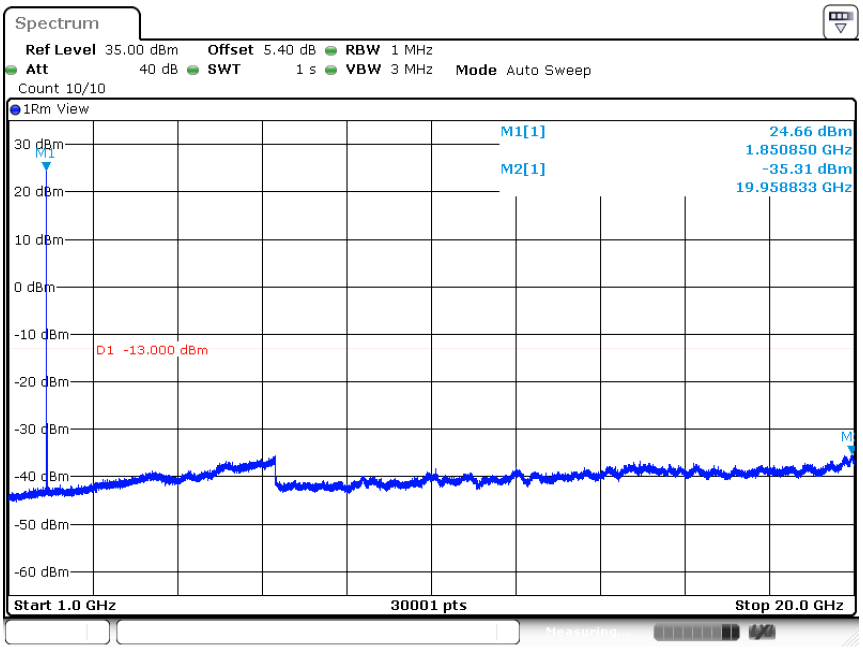

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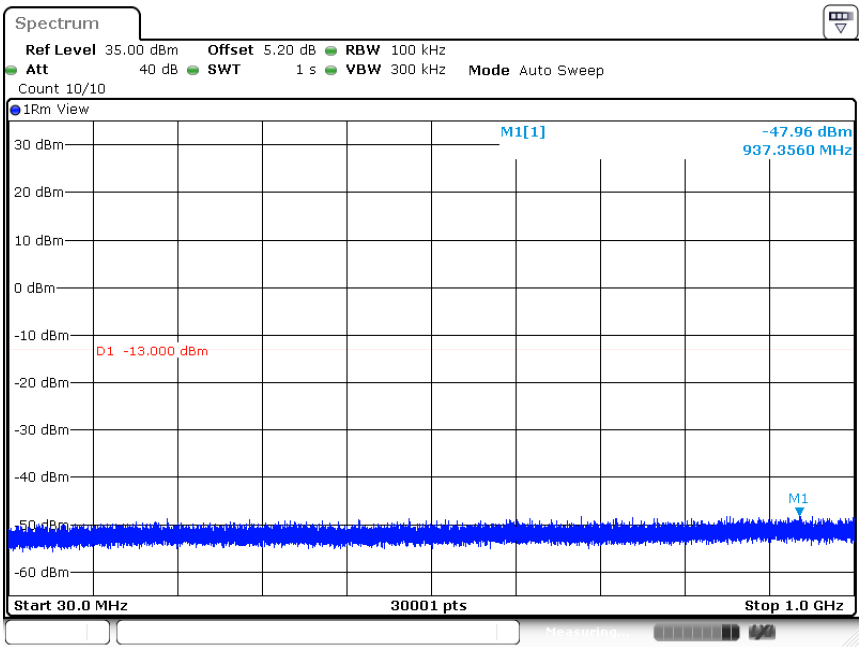

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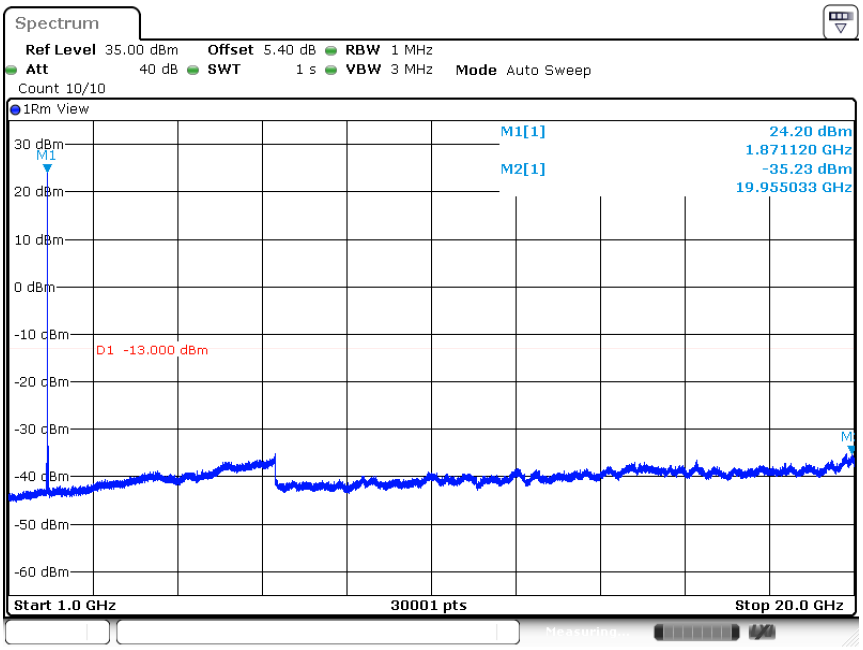

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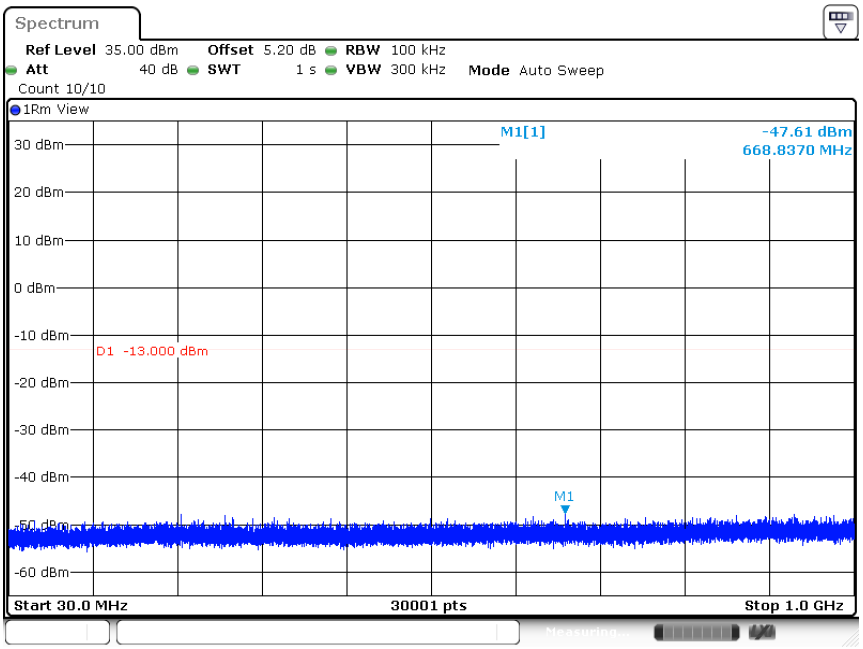

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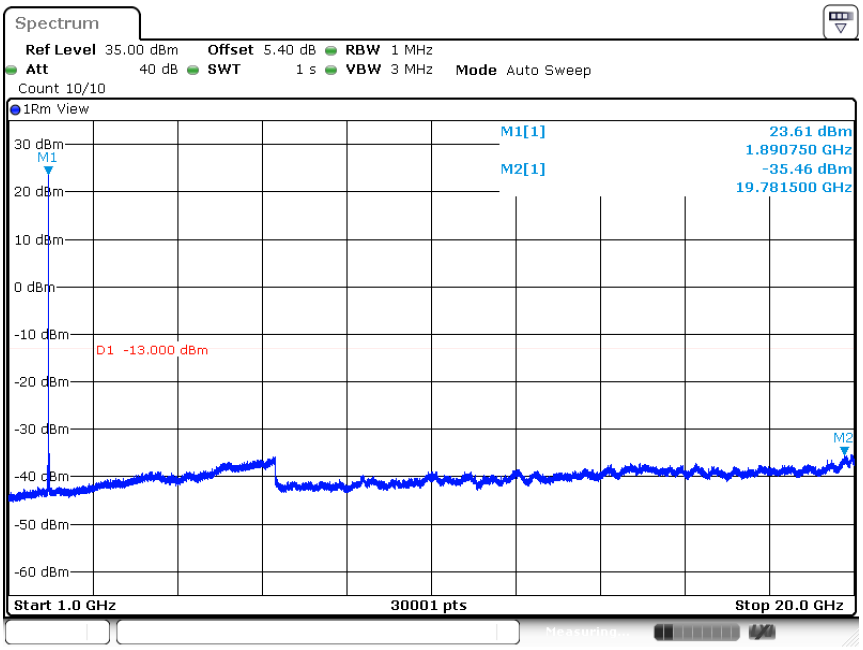

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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
74.2342	-62.46	-13.00	49.46	Vertical
285.1228	-70.16	-13.00	57.16	Vertical
2695.9392	-37.73	-13.00	24.73	Vertical
3702.0234	-47.70	-13.00	34.70	Vertical
5553.5851	-54.73	-13.00	41.73	Vertical
17997.4999	-40.04	-13.00	27.04	Vertical
39.0215	-64.14	-13.00	51.14	Horizontal
233.9042	-68.15	-13.00	55.15	Horizontal
560.9075	-65.66	-13.00	52.66	Horizontal
2698.7397	-36.48	-13.00	23.48	Horizontal
3702.0234	-49.78	-13.00	36.78	Horizontal
16392.4464	-43.44	-13.00	30.44	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
74.2342	-63.08	-13.00	50.08	Vertical
338.0874	-69.18	-13.00	56.18	Vertical
2699.9400	-37.54	-13.00	24.54	Vertical
3742.0247	-48.06	-13.00	35.06	Vertical
5613.5871	-53.38	-13.00	40.38	Vertical
17996.9999	-39.68	-13.00	26.68	Vertical
42.4651	-64.35	-13.00	51.35	Horizontal
229.3450	-68.65	-13.00	55.65	Horizontal
780.0900	-62.10	-13.00	49.10	Horizontal
2696.7393	-36.41	-13.00	23.41	Horizontal
3742.0247	-49.23	-13.00	36.23	Horizontal
16398.9466	-43.66	-13.00	30.66	Horizontal

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SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Testing Center-EEC Laboratory.

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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
73.0702	-62.97	-13.00	49.97	Vertical
381.6911	-68.17	-13.00	55.17	Vertical
2698.7397	-37.72	-13.00	24.72	Vertical
3782.0261	-55.41	-13.00	42.41	Vertical
5673.0891	-58.21	-13.00	45.21	Vertical
17995.9999	-40.38	-13.00	27.38	Vertical
45.1328	-63.95	-13.00	50.95	Horizontal
237.6874	-68.68	-13.00	55.68	Horizontal
633.0307	-64.26	-13.00	51.26	Horizontal
2698.3397	-36.41	-13.00	23.41	Horizontal
3782.0261	-56.13	-13.00	43.13	Horizontal
16400.9467	-43.87	-13.00	30.87	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 (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-7.00	-0.003763	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-2.50	-0.001344	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-4.40	-0.002366	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	5.70	0.003032	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-8.30	-0.004415	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	4.30	0.002287	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	2.20	0.001158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	6.10	0.003211	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-7.40	-0.003895	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	-5.40	-0.002903	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	-3.60	-0.001935	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	6.40	0.003441	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	-7.30	-0.003883	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	2.70	0.001436	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	3.80	0.002021	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	6.60	0.003474	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	6.50	0.003421	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	-8.10	-0.004263	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-2.30	-0.001237	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-9.00	-0.004839	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	5.70	0.003065	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-4.50	-0.002394	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	4.20	0.002234	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	2.50	0.001330	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	2.40	0.001263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	1.40	0.000737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-2.10	-0.001105	±2.5	PASS

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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	-4.70	-0.002527	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	4.90	0.002634	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	-4.80	-0.002581	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	-2.60	-0.001398	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	-8.30	-0.004462	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	3.90	0.002097	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-3.00	-0.001613	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-4.80	-0.002581	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	3.70	0.001989	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	5.50	0.002926	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-9.00	-0.004787	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	7.70	0.004096	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	5.90	0.003138	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	0.30	0.000160	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-7.90	-0.004202	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	1.40	0.000745	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	4.60	0.002447	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-2.40	-0.001277	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-0.40	-0.000211	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-3.10	-0.001632	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-6.60	-0.003474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-0.30	-0.000158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	6.80	0.003579	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-10.30	-0.005421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	4.50	0.002368	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-9.00	-0.004737	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-3.10	-0.001632	±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	4.60	0.002473	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-10	5.80	0.003118	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	-10.40	-0.005591	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	-6.40	-0.003441	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	-6.10	-0.003280	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	4.10	0.002204	±2.5	PASS

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Band2	20MHz	64QAM	18700	100RB#0	NV	40	1.70	0.000914	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	-4.90	-0.002634	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	-3.90	-0.002074	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	7.00	0.003723	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-10	-9.20	-0.004894	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	-11.00	-0.005851	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	-6.90	-0.003670	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	-7.60	-0.004043	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	-3.40	-0.001809	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	-6.20	-0.003298	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	-4.80	-0.002553	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-8.50	-0.004474	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	-1.10	-0.000579	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-10	-4.70	-0.002474	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	6.70	0.003526	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	-0.70	-0.000368	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	2.50	0.001316	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	7.40	0.003895	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	7.00	0.003684	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-10.10	-0.005316	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	-9.80	-0.005269	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	5.00	0.002688	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	3.30	0.001774	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	0.70	0.000376	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	-1.10	-0.000591	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	1.30	0.000699	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	-6.90	-0.003710	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	-0.40	-0.000215	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	-0.40	-0.000215	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-9.30	-0.004947	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-4.30	-0.002287	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	-5.60	-0.002979	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	3.30	0.001755	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-7.70	-0.004096	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-7.20	-0.003830	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	3.20	0.001702	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	3.30	0.001755	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	1.00	0.000532	±2.5	PASS

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Band2	20MHz	16QAM	19100	100RB#0	NV	-30	6.10	0.003211	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	5.60	0.002947	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-5.10	-0.002684	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-0.30	-0.000158	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	2.40	0.001263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	1.60	0.000842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-0.40	-0.000211	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-8.60	-0.004526	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	5.30	0.002789	±2.5	PASS

The End

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