



Appendix B

E-UTRA Band 4



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CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER..... 4

1.1. TEST RESULT..... 4

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

2.1. TEST RESULT.....15

2.2. TEST PLOTS15

3. MODULATION CHARACTERISTICS20

3.1. TEST MODE = LTE /TM1 20MHZ20

3.1.1. TEST CHANNEL = MCH20

3.2. TEST MODE = LTE /TM2 20MHZ21

3.2.1. TEST CHANNEL = MCH21

3.3. TEST MODE = LTE /TM3 20MHZ22

3.3.1. TEST CHANNEL = MCH22

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH23

4.1. TEST RESULT.....23

4.2. TEST PLOTS25

5. BAND EDGE COMPLIANCE52

5.1. TEST PLOTS52

6. SPURIOUS EMISSION AT ANTENNA TERMINAL89

6.1. TEST PLOTS89

7. FIELD STRENGTH OF SPURIOUS RADIATION.....99

7.1. Test Band = LTE_4_TM1 99

7.1.1. Test Channel = Low Channel 99

7.2. Test Band = LTE_4_TM1 100

7.2.1. Test Channel = Low Channel 100

7.3. Test Band = LTE_4_TM1 101

7.3.1. Test Channel = Mid Channel 101

7.4. Test Band = LTE_4_TM1 102

7.4.1. Test Channel = Mid Channel 102

7.5. Test Band = LTE_4_TM1 103

7.5.1. Test Channel = High Channel 103



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7.6. Test Band = LTE_4_TM1 104

7.6.1. Test Channel = High Channel 104

8. FREQUENCY STABILITY.....105

8.1. FREQUENCY VS VOLTAGE.....105

8.2. FREQUENCY VS TEMPERATURE106



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.72	19.92	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.83	20.03	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.81	20.01	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.81	20.01	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.93	20.13	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.80	20.00	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.84	19.04	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.85	20.05	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.94	20.14	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.87	20.07	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.02	20.22	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.98	20.18	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.91	20.11	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.99	19.19	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.19	20.39	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.27	20.47	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.15	20.35	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.20	20.40	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.33	20.53	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.32	20.52	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.30	19.50	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.74	18.94	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.08	19.28	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.10	19.30	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.93	19.13	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.85	19.05	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.76	18.96	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.92	18.12	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.36	19.56	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.50	19.70	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.99	19.19	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.00	19.20	30.00	PASS



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Band4	1.4MHz	16QAM	20175	3RB#1	22.09	19.29	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.02	19.22	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.05	18.25	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.44	19.64	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.56	19.76	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.80	20.00	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.36	19.56	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.43	19.63	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.20	19.40	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.40	18.60	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	20.69	17.89	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	20.99	18.19	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.03	18.23	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	20.83	18.03	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	20.78	17.98	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	20.66	17.86	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	19.86	17.06	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.31	18.51	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.43	18.63	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	20.91	18.11	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	20.93	18.13	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	21.04	18.24	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	20.94	18.14	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.00	17.20	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.34	18.54	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.48	18.68	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.71	18.91	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	21.27	18.47	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	21.33	18.53	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	21.10	18.30	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.32	17.52	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.01	20.21	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.94	20.14	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.85	20.05	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.90	19.10	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.00	19.20	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.92	19.12	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.98	19.18	30.00	PASS



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Band4	3MHz	QPSK	20175	1RB#0	23.01	20.21	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.87	20.07	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.98	20.18	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.04	19.24	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.13	19.33	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.10	19.30	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.04	19.24	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.29	20.49	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.32	20.52	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.37	20.57	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.43	19.63	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.39	19.59	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.47	19.67	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.39	19.59	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.02	19.22	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.28	19.48	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.38	19.58	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.16	18.36	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.04	18.24	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.03	18.23	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.95	18.15	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.11	19.31	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.16	19.36	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.53	19.73	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.12	18.32	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.18	18.38	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.07	18.27	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.09	18.29	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.83	20.03	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.46	19.66	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.82	20.02	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.52	18.72	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.49	18.69	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.53	18.73	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.45	18.65	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.95	18.15	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.19	18.39	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.31	18.51	30.00	PASS



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Band4	3MHz	64QAM	19965	8RB#0	20.11	17.31	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	19.97	17.17	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	19.93	17.13	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.85	17.05	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.03	18.23	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	21.07	18.27	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.45	18.65	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	20.05	17.25	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	20.09	17.29	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	19.99	17.19	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.02	17.22	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.75	18.95	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.38	18.58	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.74	18.94	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	20.42	17.62	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	20.39	17.59	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.47	17.67	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.38	17.58	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.08	20.28	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.02	20.22	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.06	20.26	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.96	19.16	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.01	19.21	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.05	19.25	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.05	19.25	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.19	20.39	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.02	20.22	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.00	20.20	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.18	19.38	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.16	19.36	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.15	19.35	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.10	19.30	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.29	20.49	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.42	20.62	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.37	20.57	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.42	19.62	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.44	19.64	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.47	19.67	30.00	PASS



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Band4	5MHz	QPSK	20375	25RB#0	22.47	19.67	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.44	19.64	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.37	19.57	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.09	19.29	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.00	18.20	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.08	18.28	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.08	18.28	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.11	18.31	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.22	19.42	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.30	19.50	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.29	19.49	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.12	18.32	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.18	18.38	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.15	18.35	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.25	18.45	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.88	20.08	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.90	20.10	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.88	20.08	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.43	18.63	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.51	18.71	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.43	18.63	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.43	18.63	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	20.94	18.14	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.23	18.43	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.28	18.48	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	20.10	17.30	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	19.95	17.15	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	19.96	17.16	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	19.88	17.08	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.02	18.22	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.09	18.29	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.48	18.68	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.02	17.22	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	20.10	17.30	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	20.00	17.20	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.01	17.21	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.77	18.97	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.36	18.56	30.00	PASS



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Band4	5MHz	64QAM	20375	1RB#24	21.72	18.92	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	20.43	17.63	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	20.43	17.63	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	20.45	17.65	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.39	17.59	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.74	19.94	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.01	20.21	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.87	20.07	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.00	19.20	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.93	19.13	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.03	19.23	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.91	19.11	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.02	20.22	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.08	20.28	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.91	20.11	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.07	19.27	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.12	19.32	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.21	19.41	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.11	19.31	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.30	20.50	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.37	20.57	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.36	20.56	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.34	19.54	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.47	19.67	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.43	19.63	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.40	19.60	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.45	19.65	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.73	18.93	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.41	19.61	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.02	18.22	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.96	18.16	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.87	18.07	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.01	18.21	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.18	19.38	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.15	19.35	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.53	19.73	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.13	18.33	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.23	18.43	30.00	PASS



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Band4	10MHz	16QAM	20175	25RB#25	21.24	18.44	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.18	18.38	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.35	19.55	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.30	19.50	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.37	19.57	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.35	18.55	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.39	18.59	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.43	18.63	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.31	18.51	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	20.95	18.15	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.20	18.40	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.33	18.53	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	20.07	17.27	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	19.97	17.17	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	19.98	17.18	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.90	17.10	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.01	18.21	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.08	18.28	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.48	18.68	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.06	17.26	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	20.09	17.29	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	19.99	17.19	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.04	17.24	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.74	18.94	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.36	18.56	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.76	18.96	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	20.42	17.62	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	20.42	17.62	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	20.45	17.65	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.40	17.60	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.94	20.14	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.65	19.85	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.73	19.93	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.86	19.06	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.91	19.11	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.86	19.06	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.81	19.01	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.89	20.09	30.00	PASS



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Band4	15MHz	QPSK	20175	1RB#38	22.86	20.06	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.54	20.74	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.96	19.16	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.96	19.16	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.97	19.17	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.97	19.17	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.52	20.72	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.13	20.33	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.10	20.30	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.19	19.39	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.20	19.40	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.17	19.37	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.09	19.29	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.17	19.37	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.18	19.38	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.91	19.11	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.88	18.08	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.92	18.12	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.78	17.98	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.87	18.07	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.09	19.29	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.33	19.53	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.02	19.22	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.98	18.18	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.10	18.30	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.97	18.17	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.01	18.21	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.32	19.52	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.71	19.91	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.46	19.66	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.12	18.32	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.16	18.36	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.20	18.40	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.11	18.31	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.97	18.17	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.19	18.39	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.32	18.52	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#0	20.11	17.31	30.00	PASS



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Band4	15MHz	64QAM	20025	38RB#18	19.98	17.18	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#37	19.94	17.14	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.85	17.05	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.01	18.21	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.06	18.26	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.46	18.66	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#0	20.05	17.25	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#18	20.11	17.31	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#37	20.02	17.22	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.99	17.19	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.75	18.95	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.40	18.60	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.76	18.96	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#0	20.47	17.67	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#18	20.41	17.61	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#37	20.46	17.66	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.37	17.57	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.06	20.26	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.78	19.98	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.88	20.08	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.88	19.08	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.88	19.08	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.85	19.05	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.91	19.11	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.04	20.24	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.74	19.94	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.16	20.36	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.94	19.14	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.99	19.19	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.05	19.25	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.03	19.23	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.09	20.29	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.98	20.18	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.19	20.39	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.12	19.32	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.13	19.33	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.12	19.32	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.10	19.30	30.00	PASS



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Band4	20MHz	16QAM	20050	1RB#0	21.99	19.19	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.03	19.23	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.26	19.46	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.92	18.12	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.93	18.13	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.76	17.96	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.92	18.12	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.09	19.29	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.08	19.28	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.16	19.36	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.92	18.12	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.00	18.20	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.95	18.15	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.02	18.22	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.22	19.42	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.28	19.48	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.10	19.30	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.07	18.27	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.02	18.22	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.15	18.35	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.00	18.20	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	20.93	18.13	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.19	18.39	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.28	18.48	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	20.08	17.28	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	19.99	17.19	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	19.95	17.15	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.86	17.06	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.05	18.25	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.11	18.31	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.44	18.64	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	20.03	17.23	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.13	17.33	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	20.01	17.21	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.04	17.24	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.74	18.94	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.39	18.59	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.75	18.95	30.00	PASS



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Band4	20MHz	64QAM	20300	50RB#0	20.43	17.63	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	20.44	17.64	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.43	17.63	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.37	17.57	30.00	PASS

Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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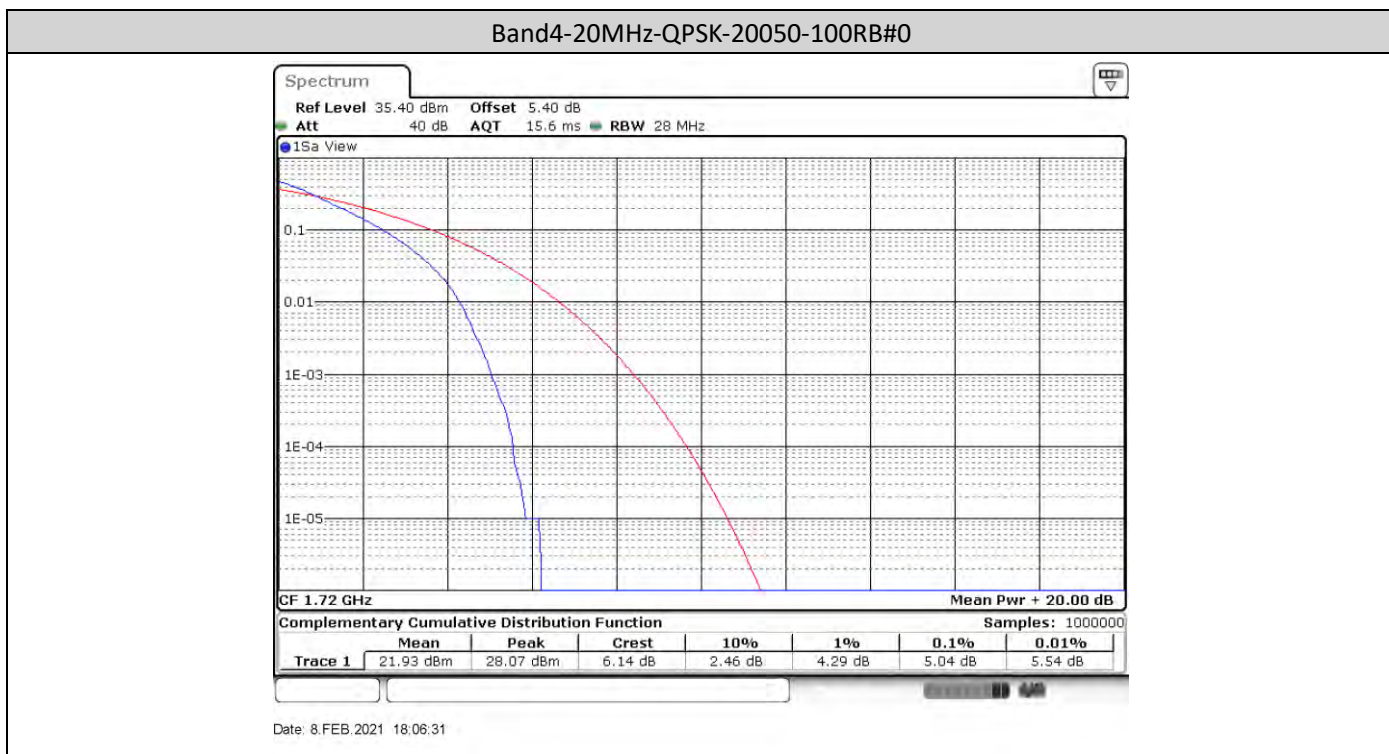


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.04	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.16	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.96	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.41	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.61	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.43	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.83	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.94	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.77	13	PASS

2.2. Test Plots

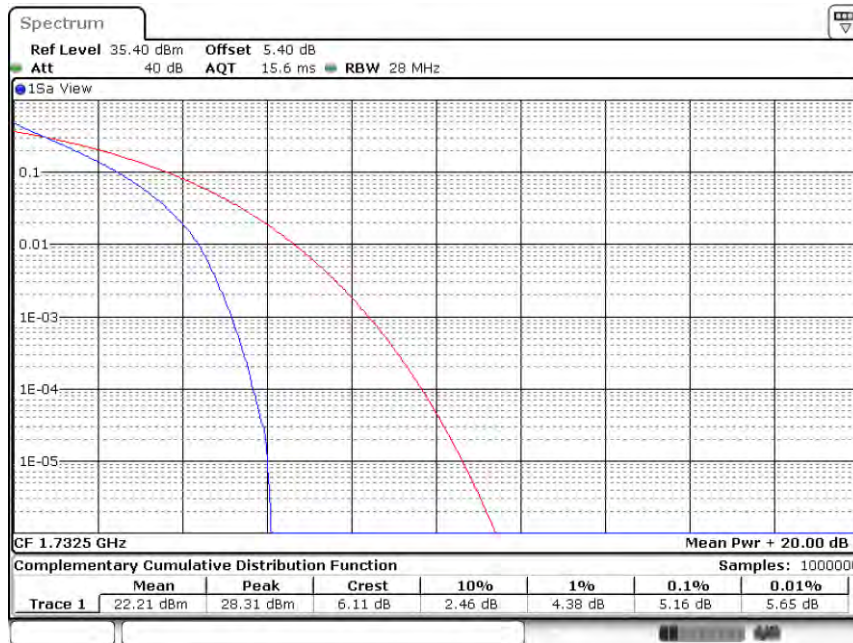


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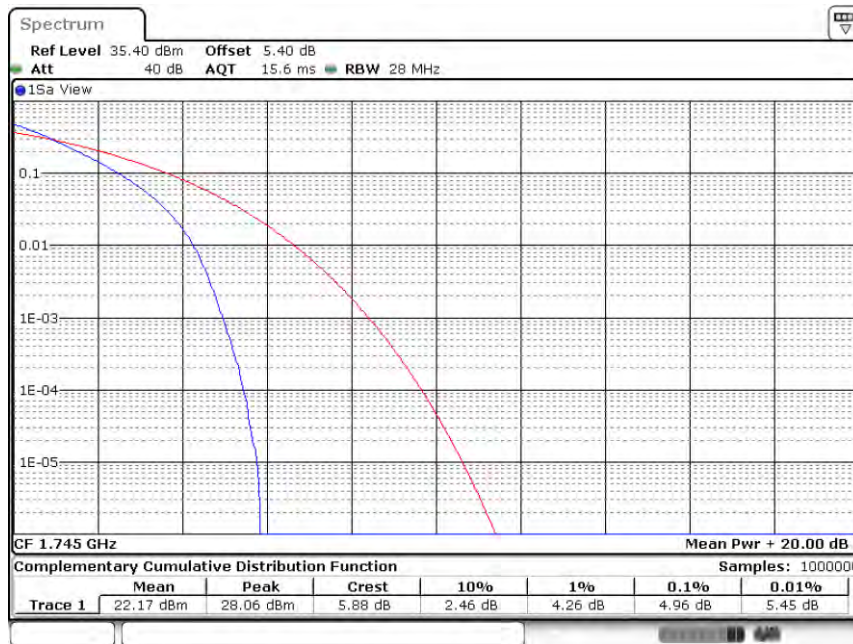
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Band4-20MHz-QPSK-20175-100RB#0



Date: 8.FEB.2021 18:06:54

Band4-20MHz-QPSK-20300-100RB#0



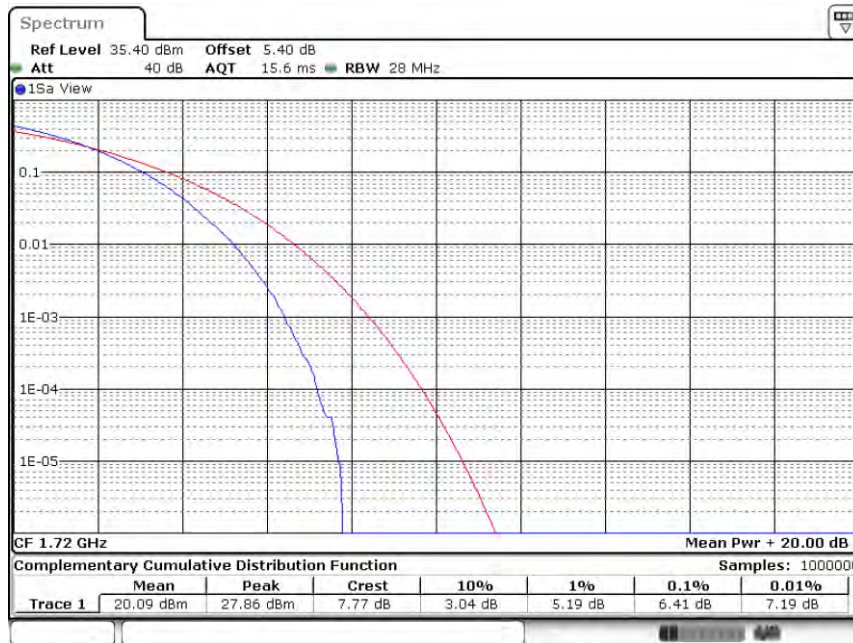
Date: 8.FEB.2021 18:07:16



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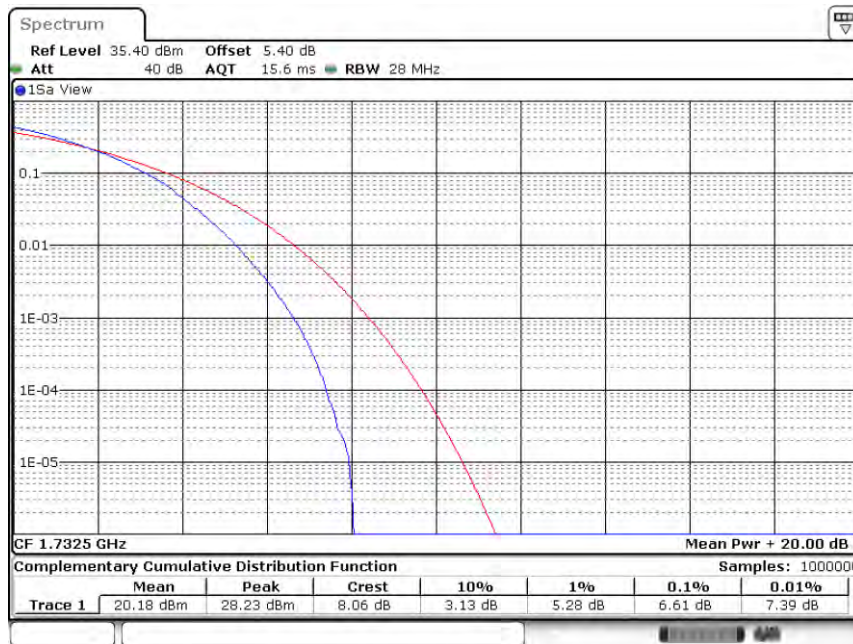
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Band4-20MHz-64QAM-20050-100RB#0



Date: 8.FEB.2021 20:40:42

Band4-20MHz-64QAM-20175-100RB#0

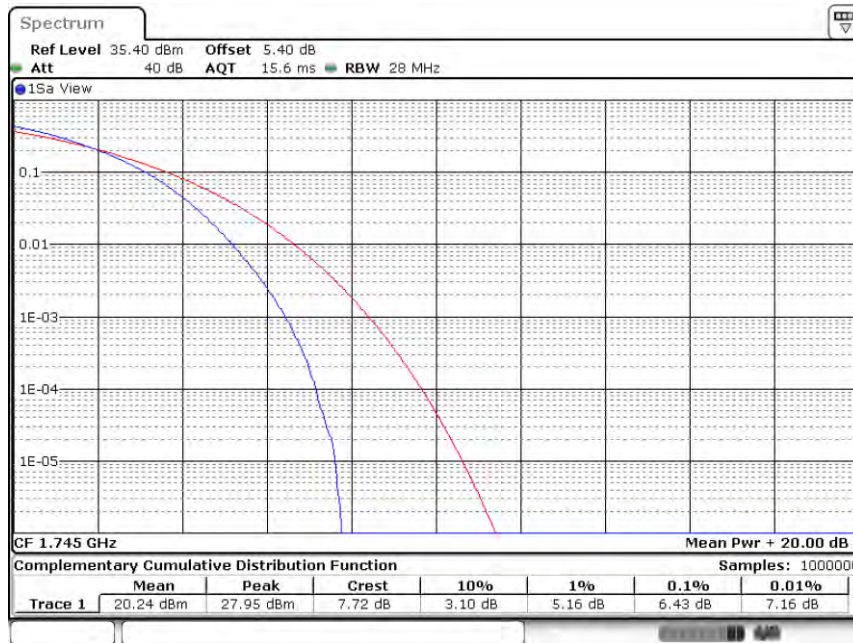


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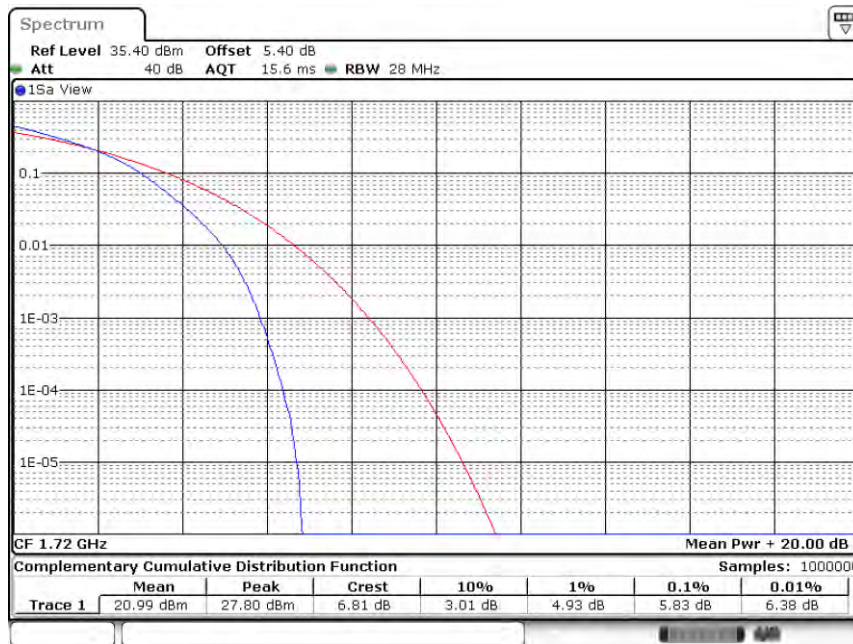
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Band4-20MHz-64QAM-20300-100RB#0



Date: 8.FEB.2021 20:41:05

Band4-20MHz-16QAM-20050-100RB#0



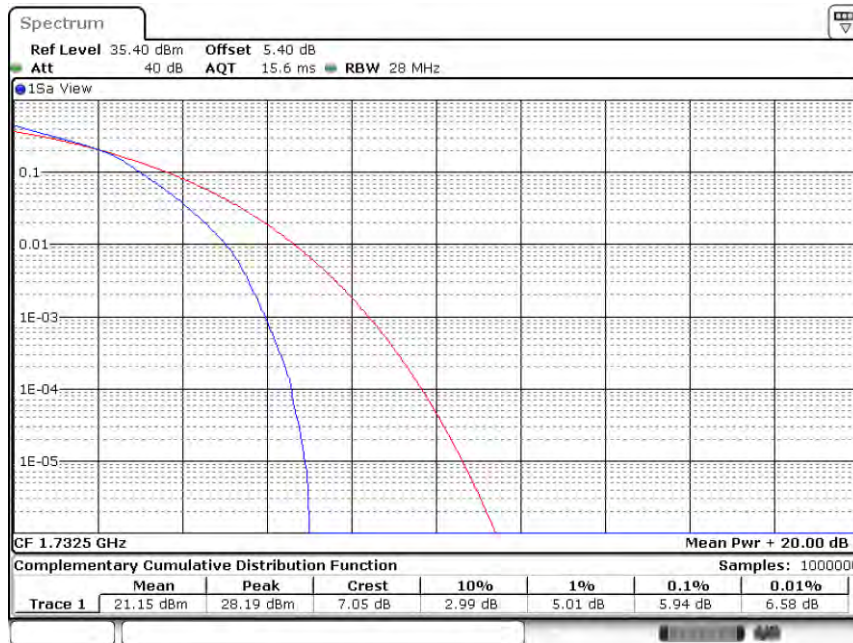
Date: 8.FEB.2021 18:06:42



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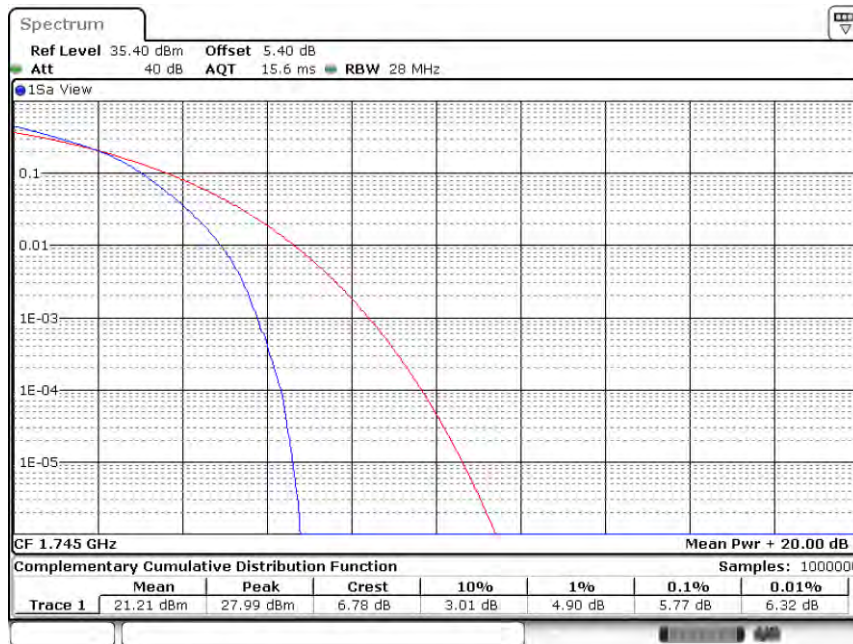
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Band4-20MHz-16QAM-20175-100RB#0



Date: 8.FEB.2021 18:07:05

Band4-20MHz-16QAM-20300-100RB#0



Date: 8.FEB.2021 18:07:27



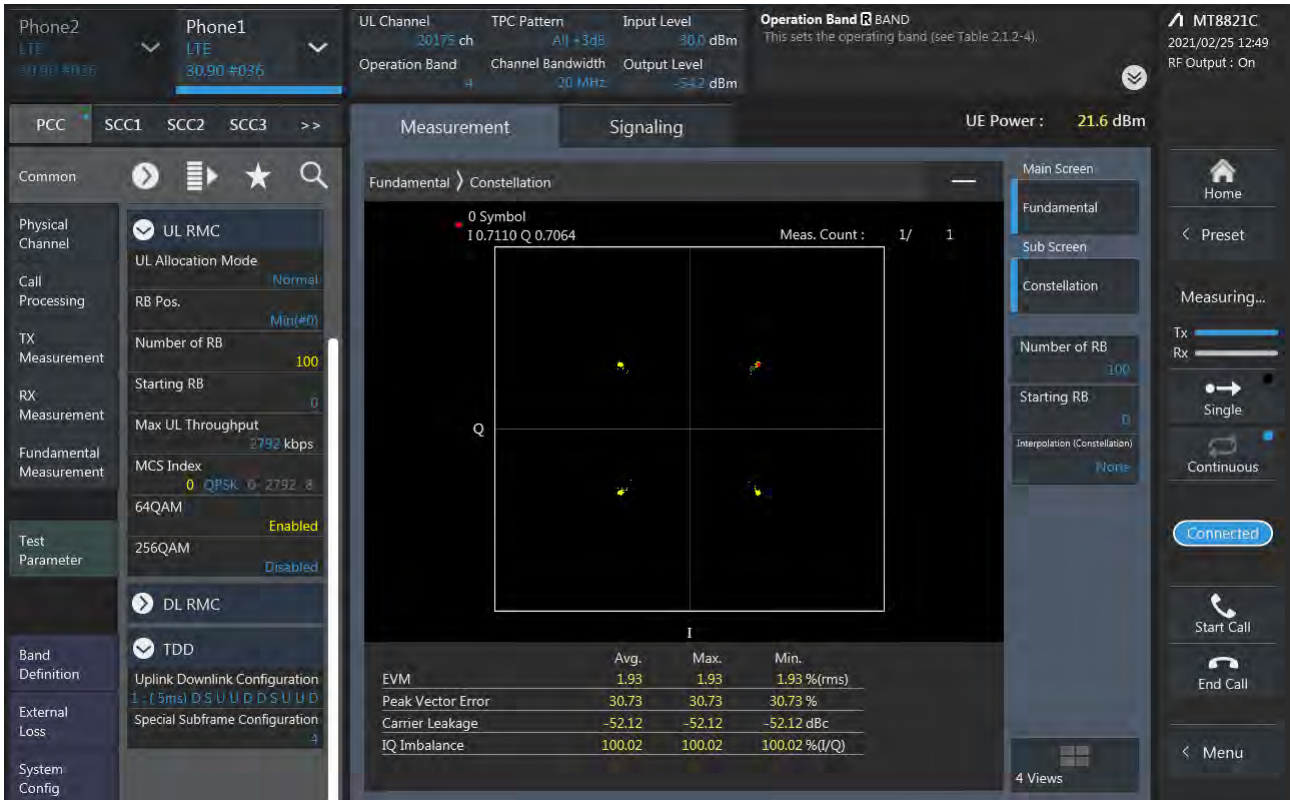
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

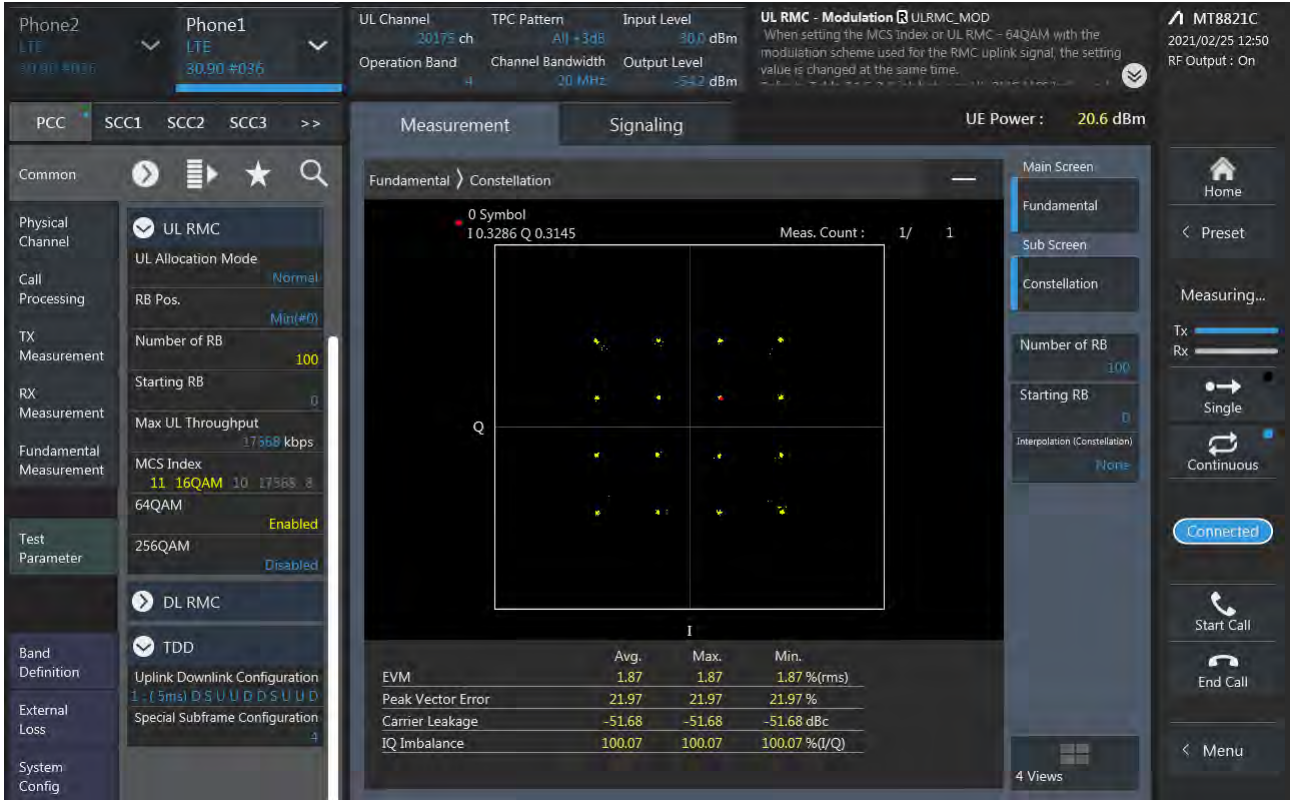
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH

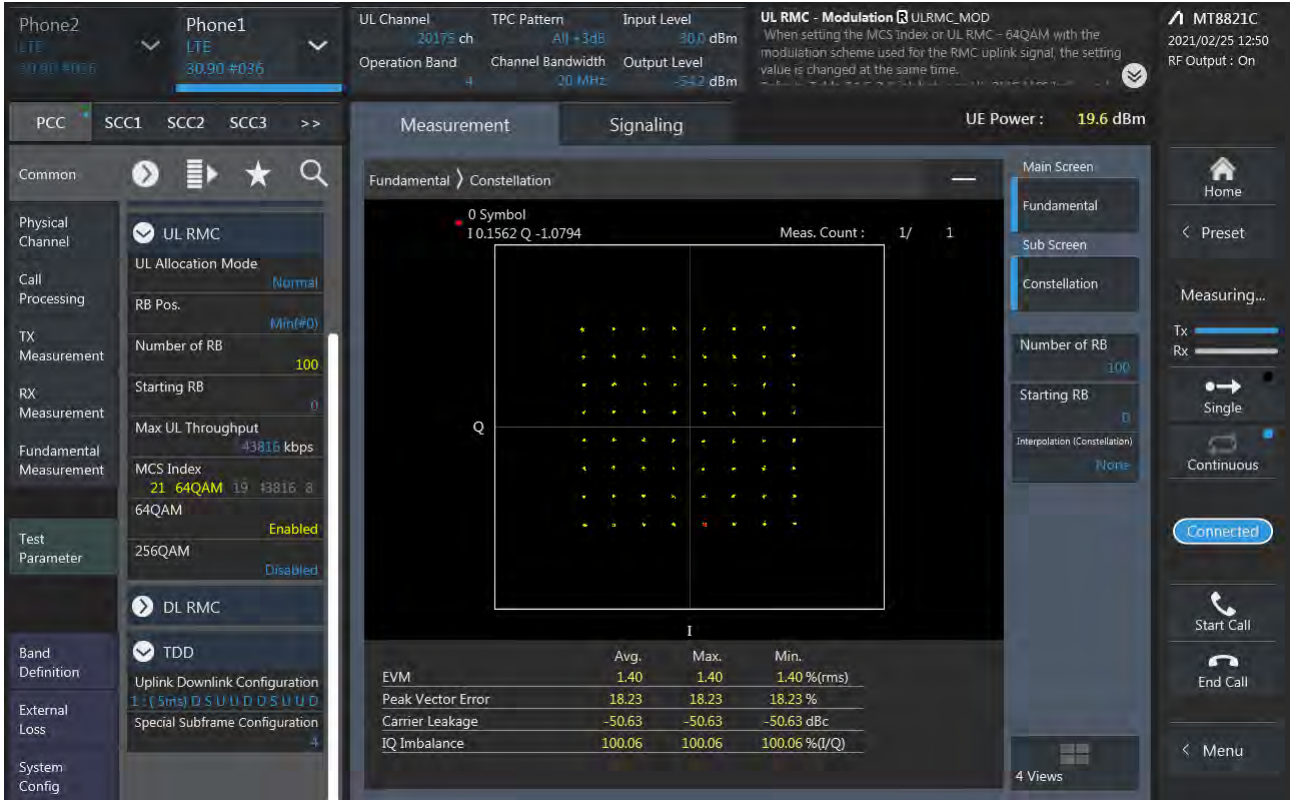


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3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.097	1.239	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.088	1.239	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.088	1.233	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.091	1.227	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.085	1.245	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.094	1.239	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.088	1.236	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.082	1.227	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.085	1.236	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.697	3.018	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.697	3.012	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.691	3.006	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.691	2.994	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.691	2.994	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.685	3.000	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.685	2.976	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.685	2.988	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.685	2.982	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.466	4.880	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	4.920	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	4.900	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.476	4.880	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.476	4.890	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.476	4.880	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	4.910	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.476	4.910	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	4.930	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.931	9.680	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.951	9.740	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.640	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.911	9.640	PASS



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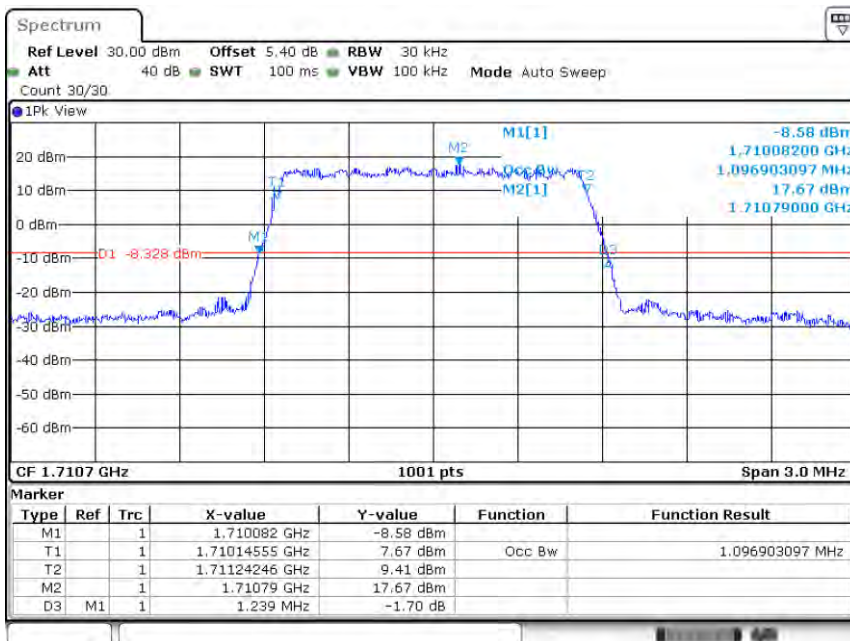
Band4	10MHz	64QAM	20175	50RB#0	8.951	9.720	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.931	9.640	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.911	9.720	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.951	9.740	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.931	9.700	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.427	14.700	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.516	14.760	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.427	14.730	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.427	14.610	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.516	14.730	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.427	14.820	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.427	14.670	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.457	14.760	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.457	14.760	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.902	19.400	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.942	19.520	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.862	19.400	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.902	19.400	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.942	19.520	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.862	19.440	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.862	19.400	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.942	19.520	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.862	19.400	PASS



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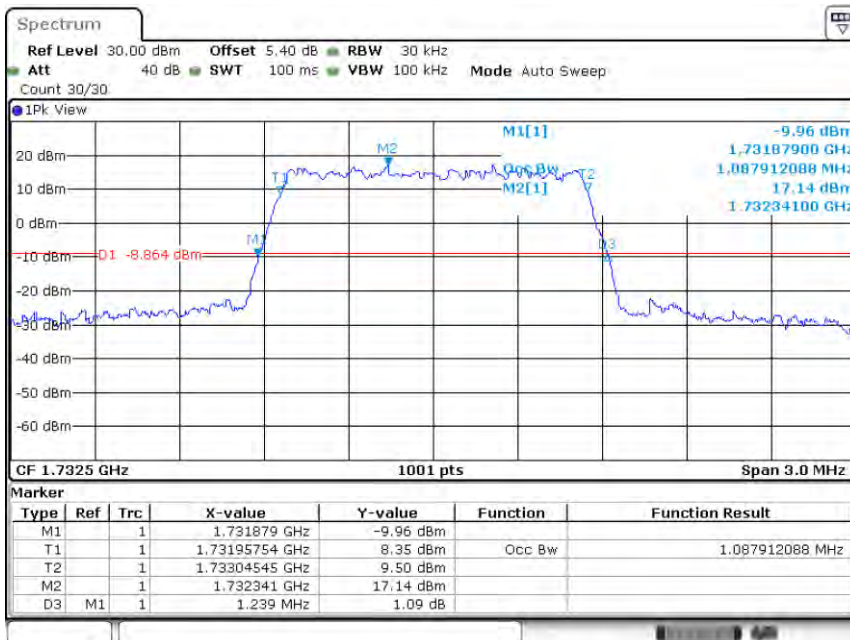
4.2. Test Plots

Band4-1.4MHz-QPSK-19957-6RB#0-1.097



Date: 8.FEB.2021 17:35:14

Band4-1.4MHz-QPSK-20175-6RB#0-1.088

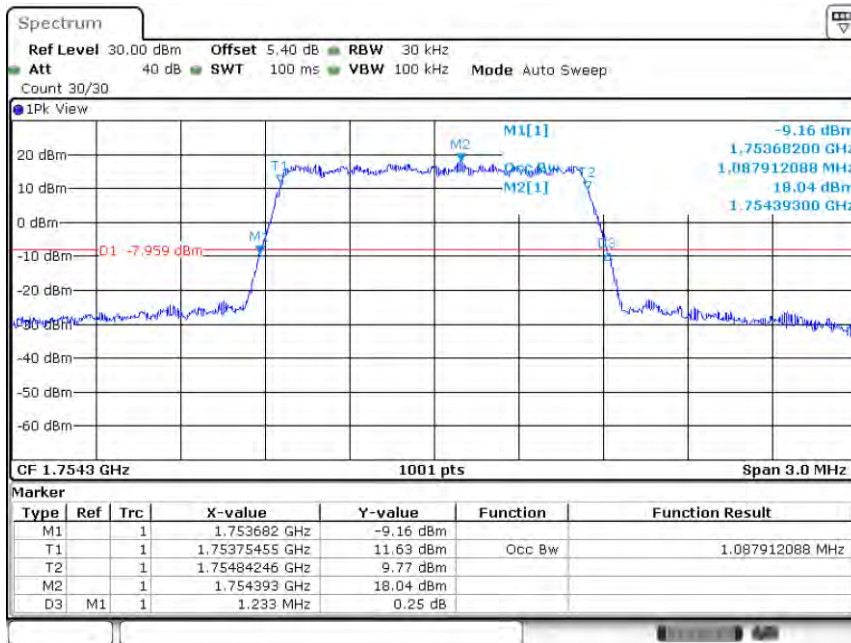


Date: 8.FEB.2021 17:35:40



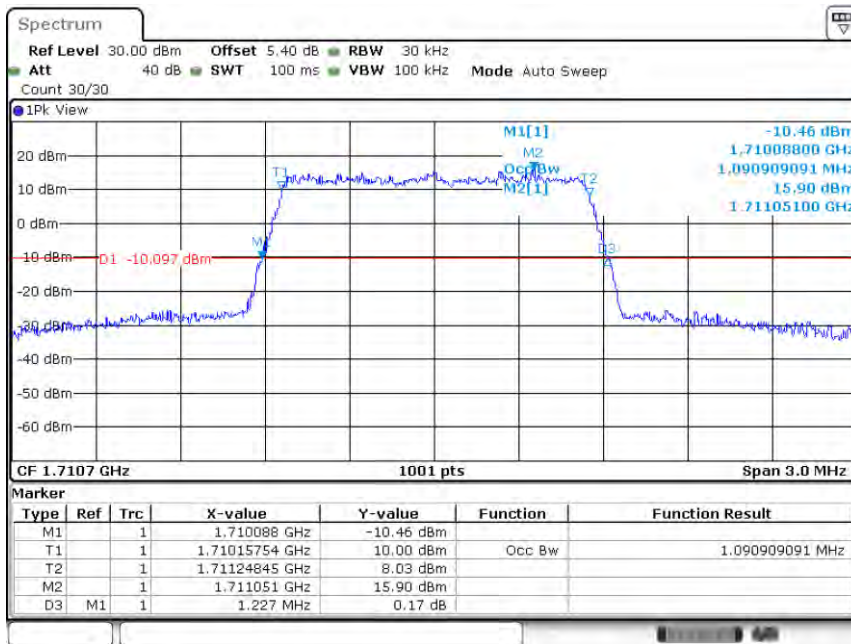
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Band4-1.4MHz-QPSK-20393-6RB#0-1.088



Date: 8.FEB.2021 17:36:05

Band4-1.4MHz-64QAM-19957-6RB#0-1.091



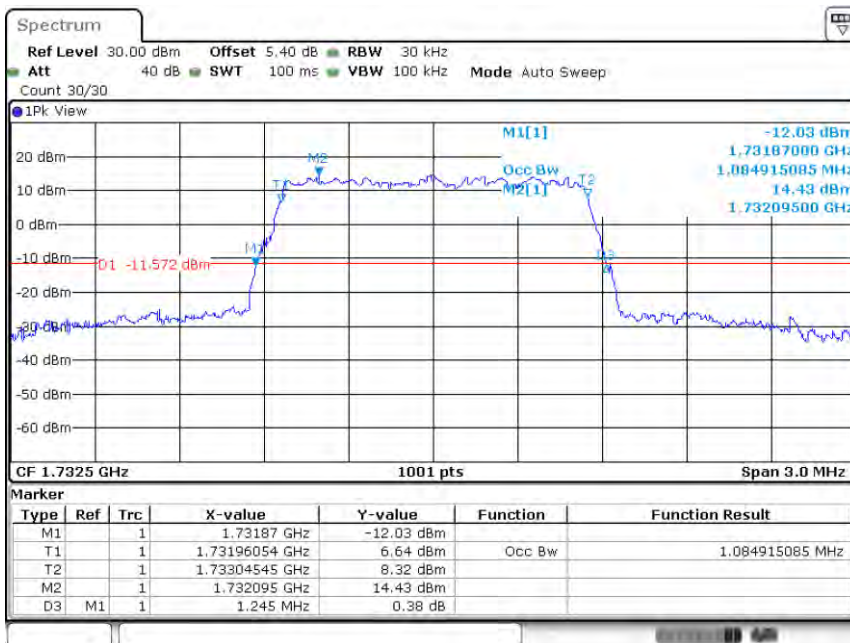
Date: 8.FEB.2021 20:23:53



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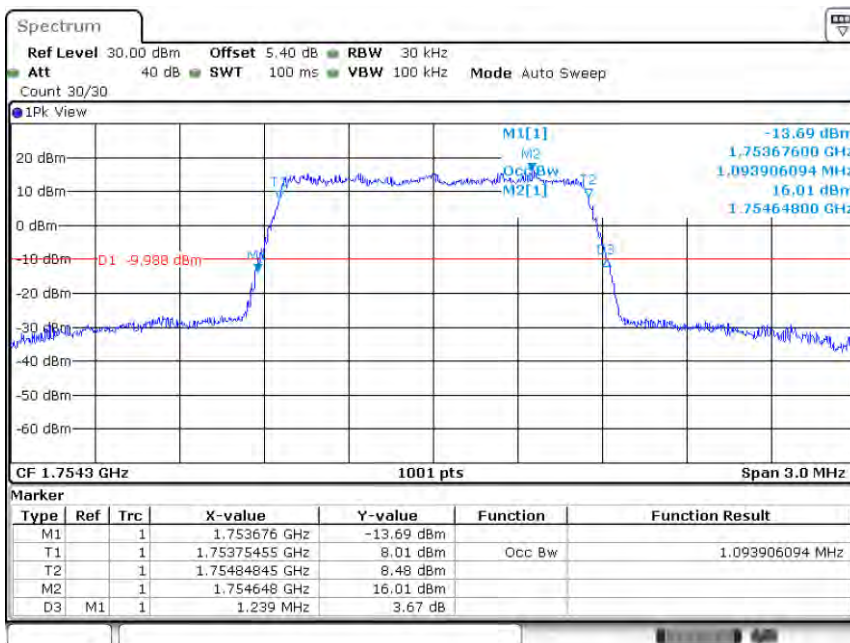


Band4-1.4MHz-64QAM-20175-6RB#0-1.085



Date: 8.FEB.2021 20:24:06

Band4-1.4MHz-64QAM-20393-6RB#0-1.094

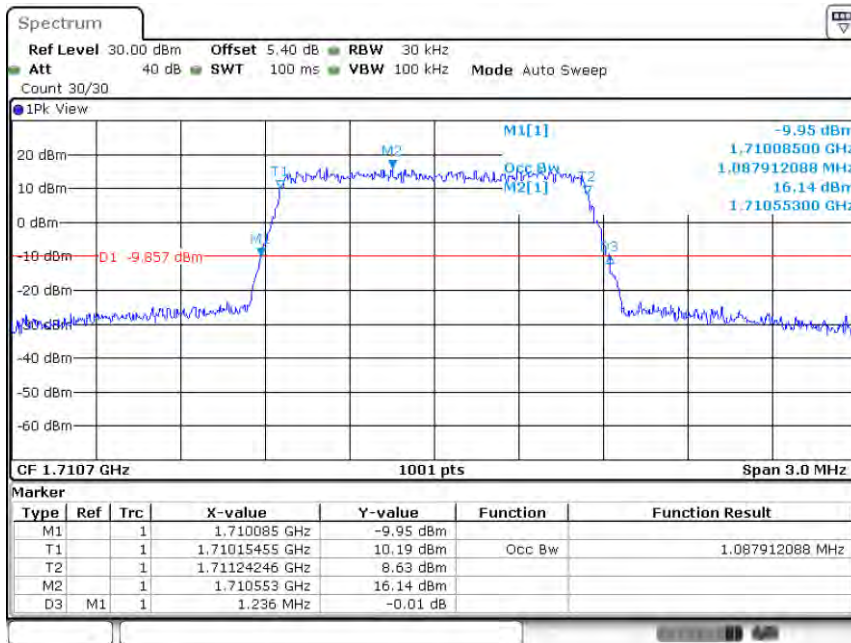


Date: 8.FEB.2021 20:24:19



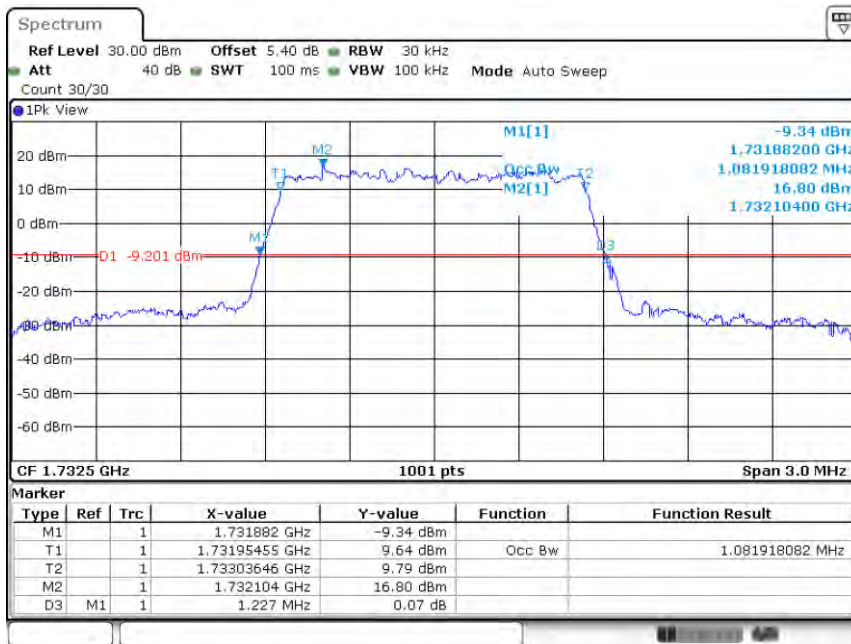
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Band4-1.4MHz-16QAM-19957-6RB#0-1.088



Date: 8.FEB.2021 17:35:27

Band4-1.4MHz-16QAM-20175-6RB#0-1.082

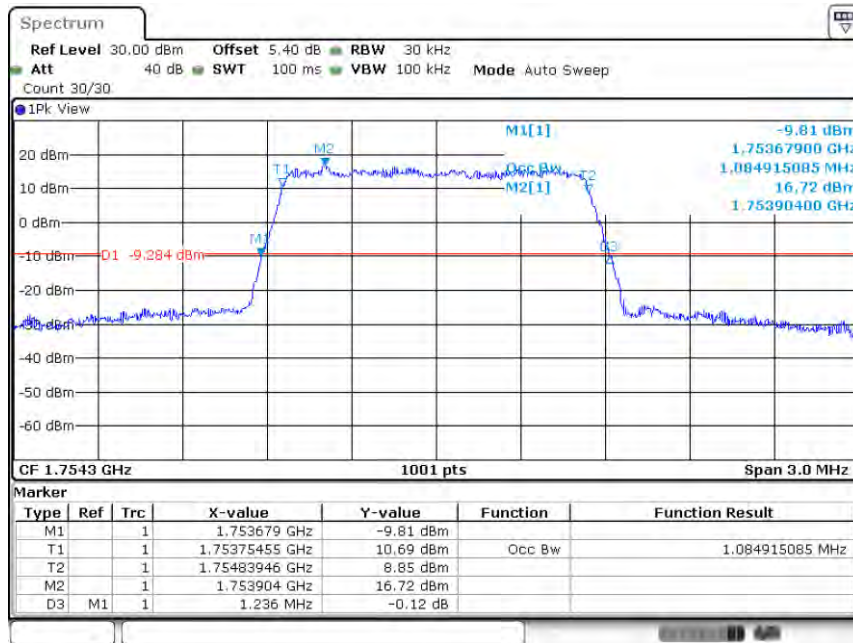


Date: 8.FEB.2021 17:35:52



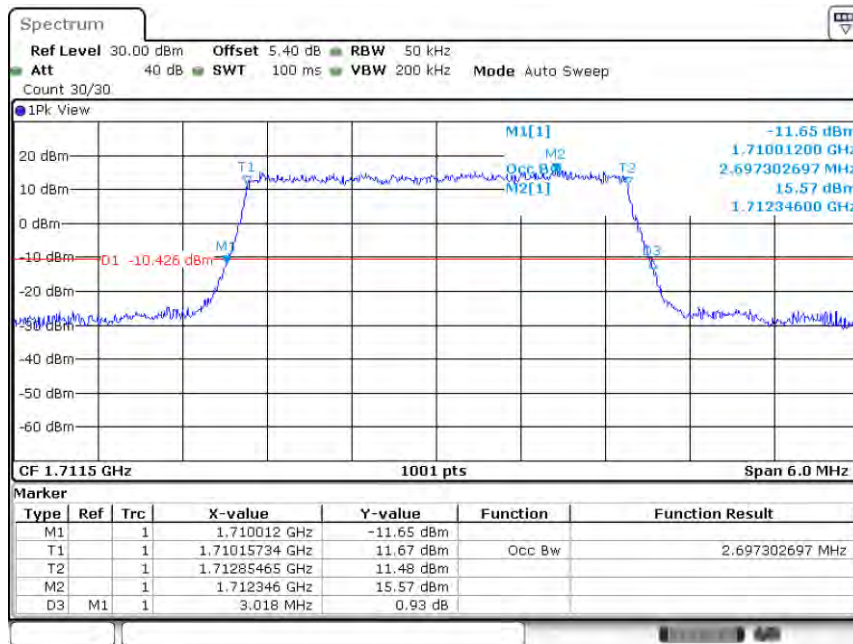
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Band4-1.4MHz-16QAM-20393-6RB#0-1.085



Date: 8.FEB.2021 17:36:18

Band4-3MHz-QPSK-19965-15RB#0-2.697

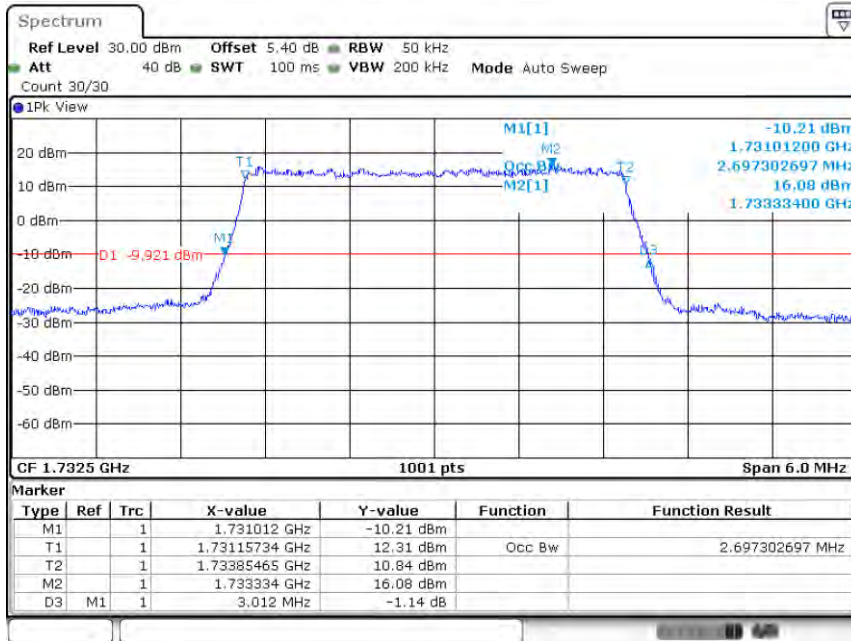


Date: 8.FEB.2021 17:36:37



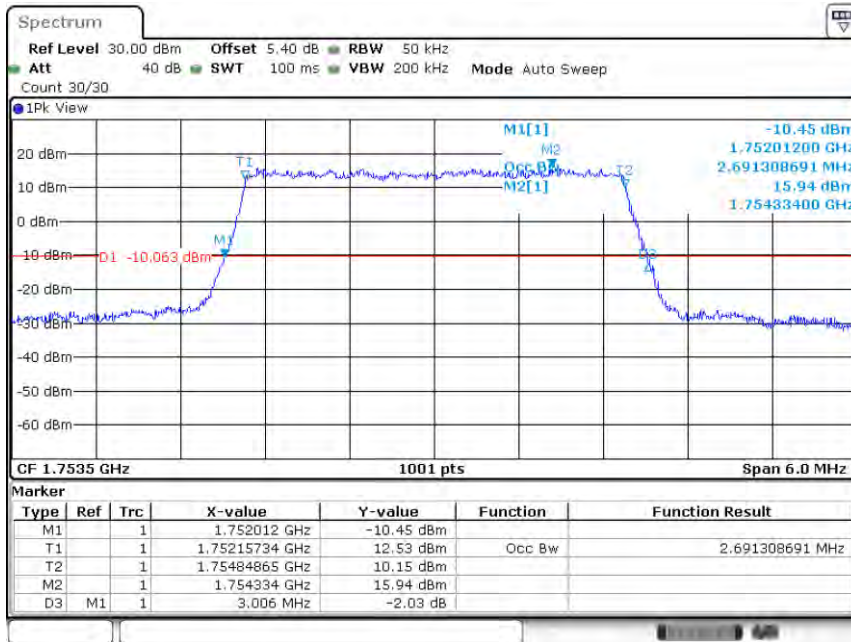
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Band4-3MHz-QPSK-20175-15RB#0-2.697



Date: 8.FEB.2021 17:37:02

Band4-3MHz-QPSK-20385-15RB#0-2.691

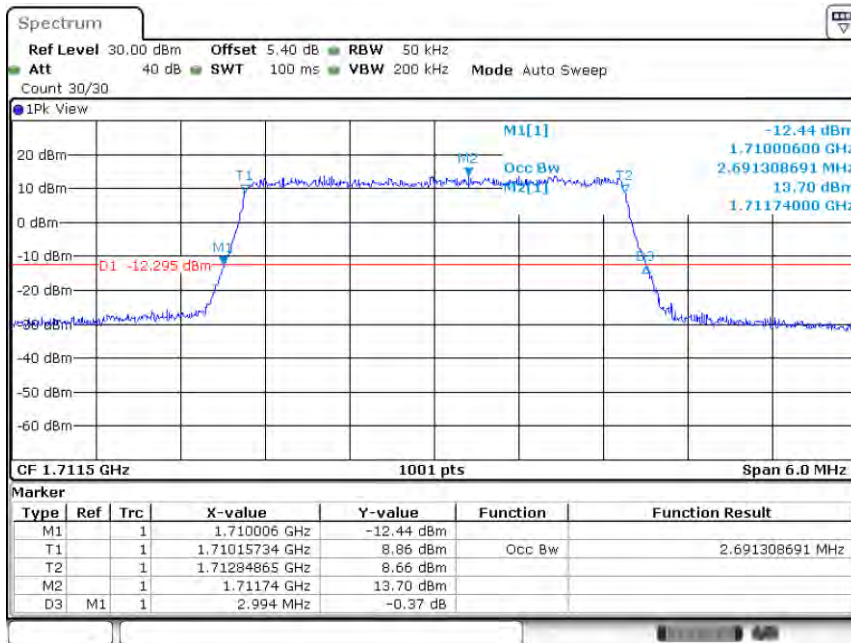


Date: 8.FEB.2021 17:37:28



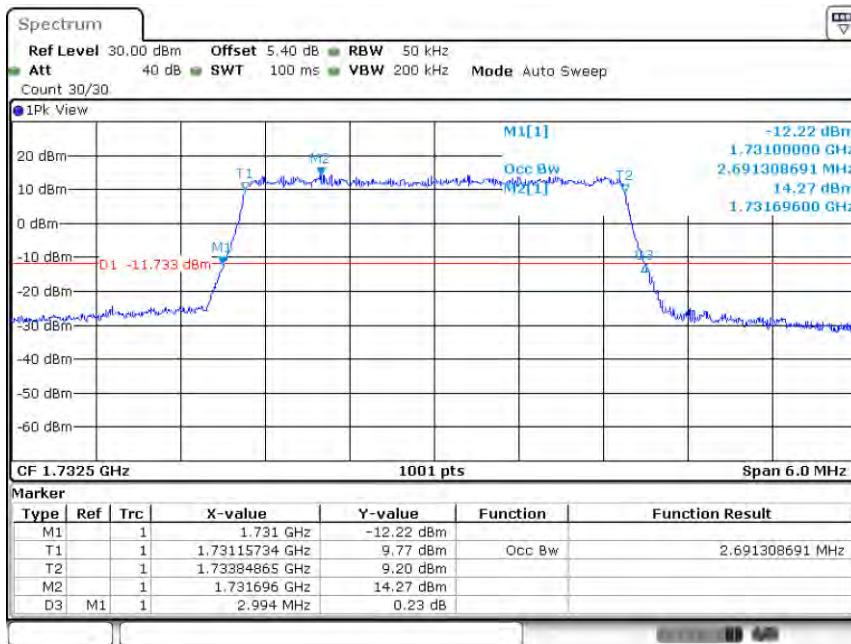
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Band4-3MHz-64QAM-19965-15RB#0-2.691



Date: 8.FEB.2021 20:24:39

Band4-3MHz-64QAM-20175-15RB#0-2.691



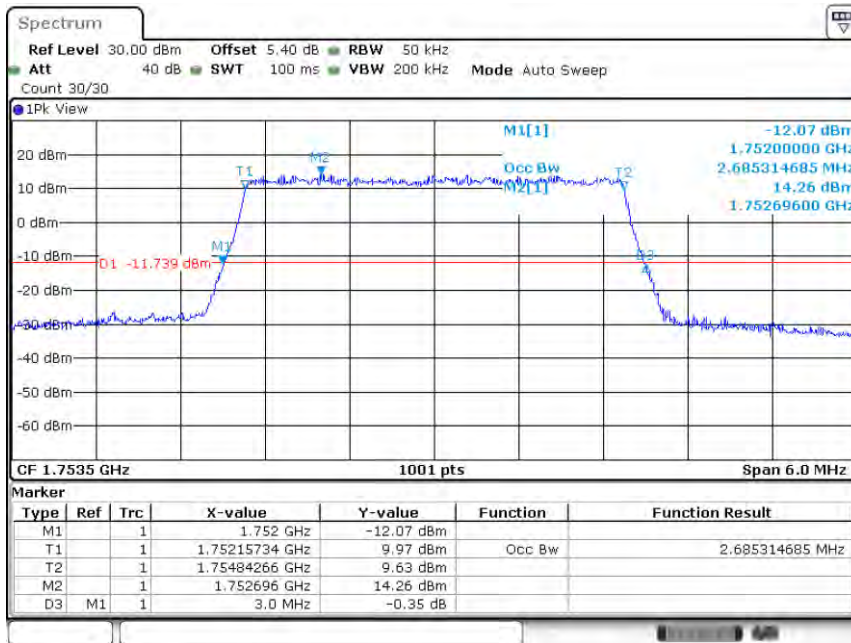
Date: 8.FEB.2021 20:24:52



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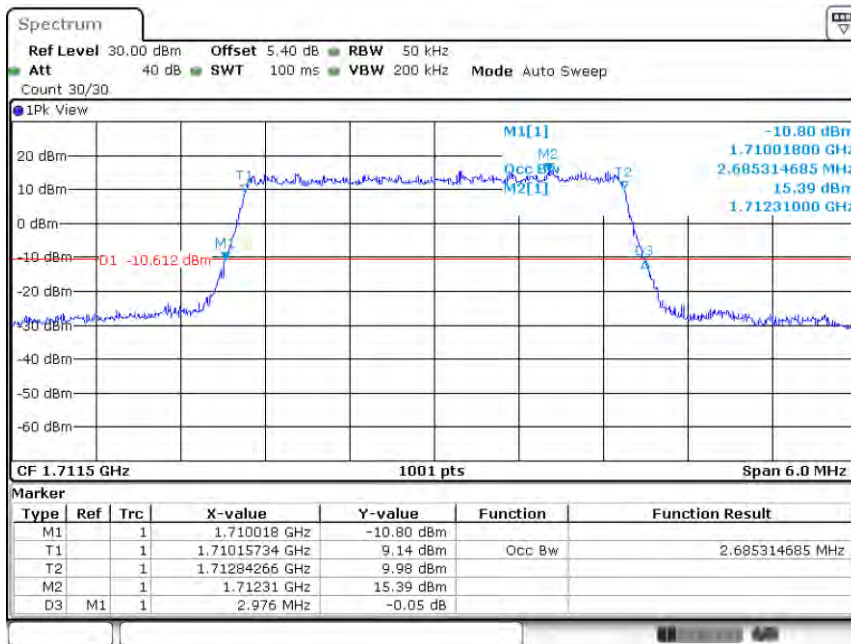


Band4-3MHz-64QAM-20385-15RB#0-2.685



Date: 8.FEB.2021 20:25:05

Band4-3MHz-16QAM-19965-15RB#0-2.685

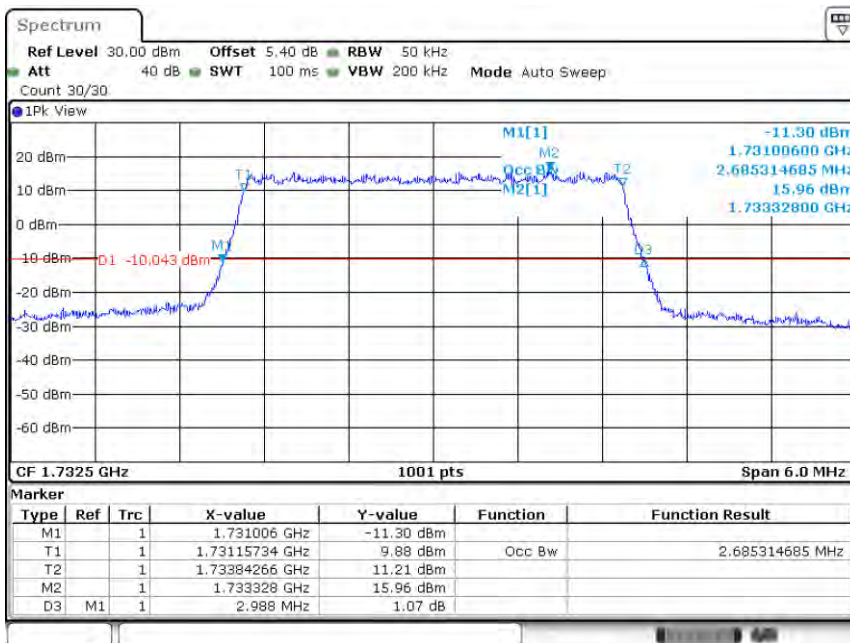


Date: 8.FEB.2021 17:36:49



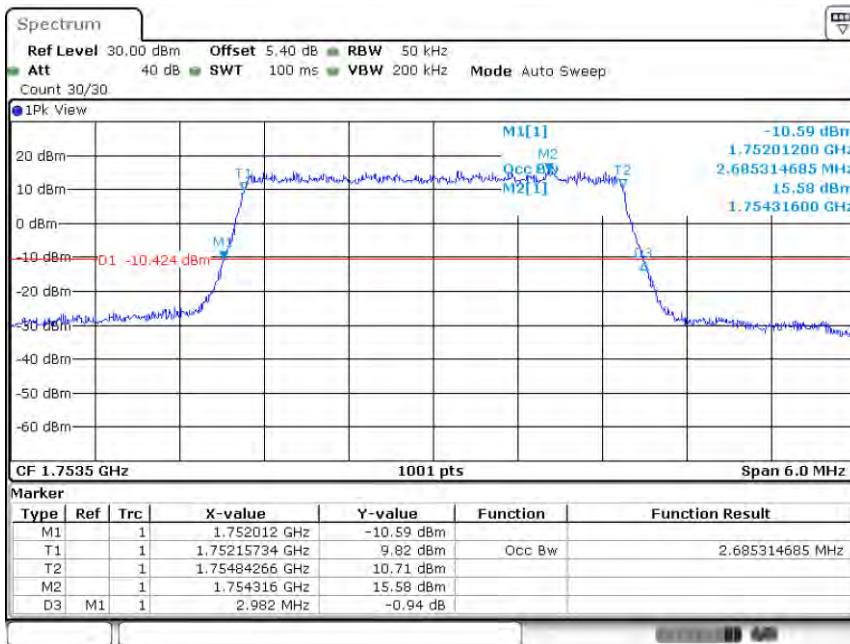
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Band4-3MHz-16QAM-20175-15RB#0-2.685



Date: 8.FEB.2021 17:37:15

Band4-3MHz-16QAM-20385-15RB#0-2.685

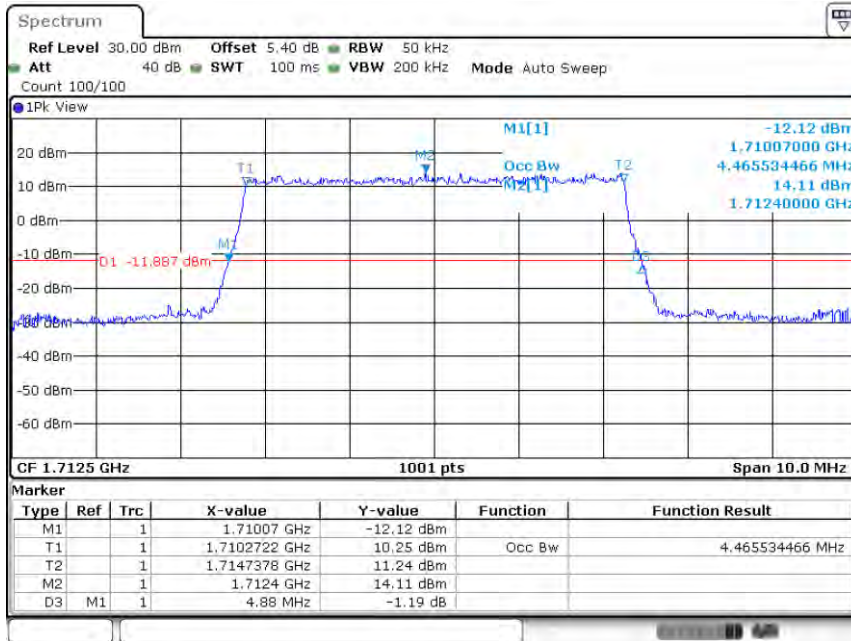


Date: 8.FEB.2021 17:37:40



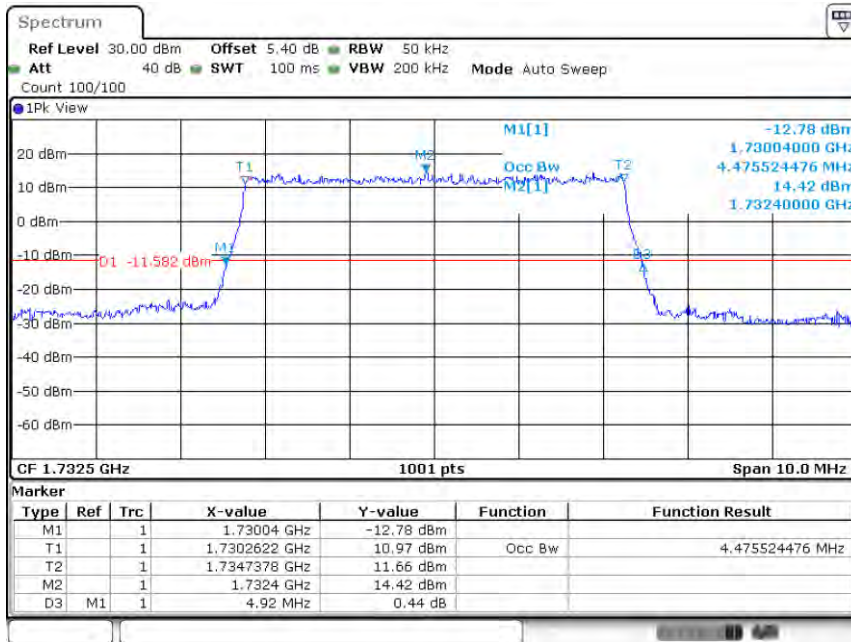
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Band4-5MHz-QPSK-19975-25RB#0-4.466



Date: 8.FEB.2021 17:38:06

Band4-5MHz-QPSK-20175-25RB#0-4.476

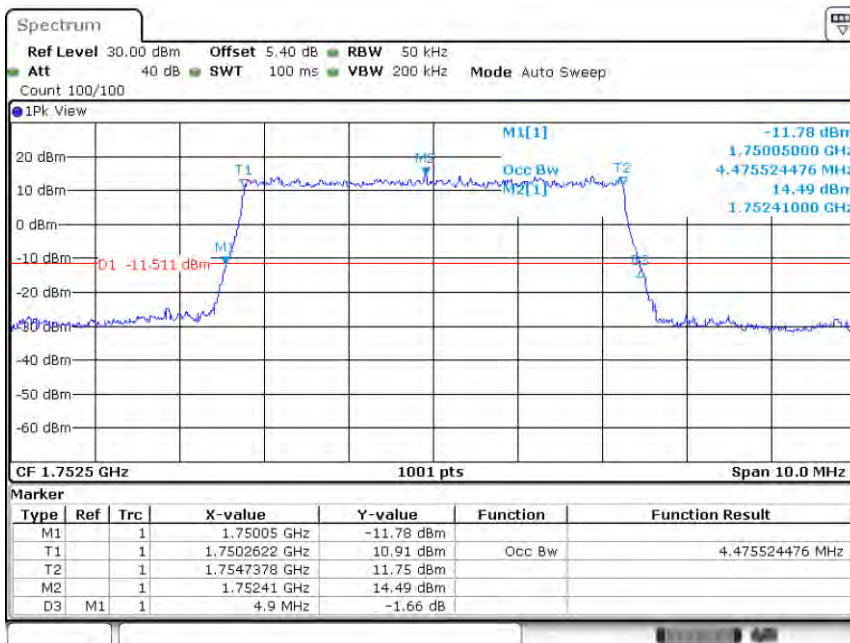


Date: 8.FEB.2021 17:38:45



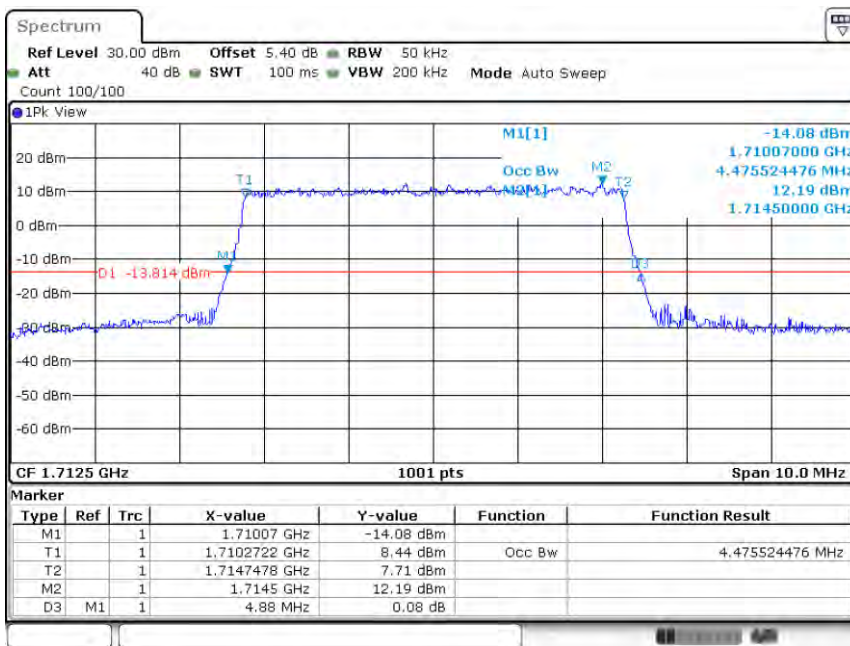
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Band4-5MHz-QPSK-20375-25RB#0-4.476



Date: 8.FEB.2021 17:39:25

Band4-5MHz-64QAM-19975-25RB#0-4.476



Date: 8.FEB.2021 20:25:31

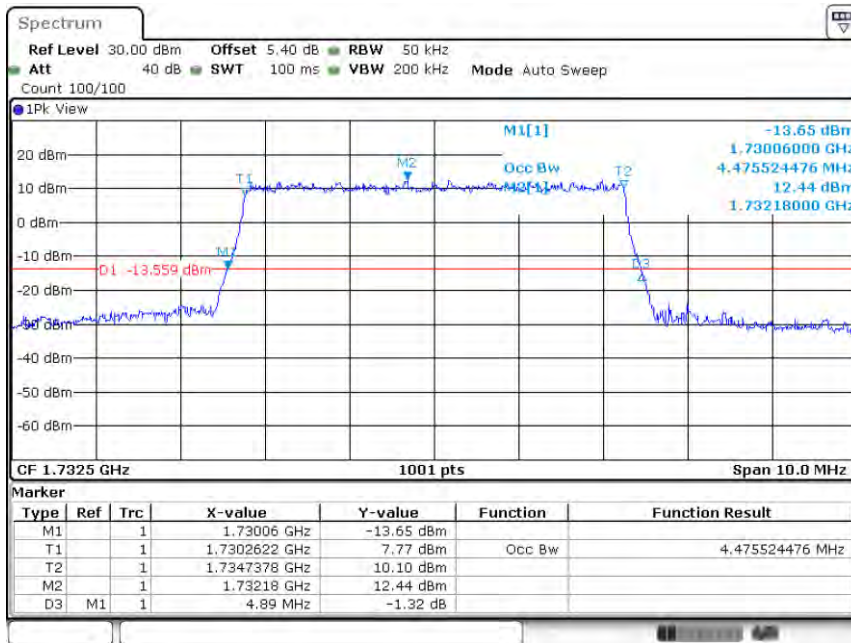


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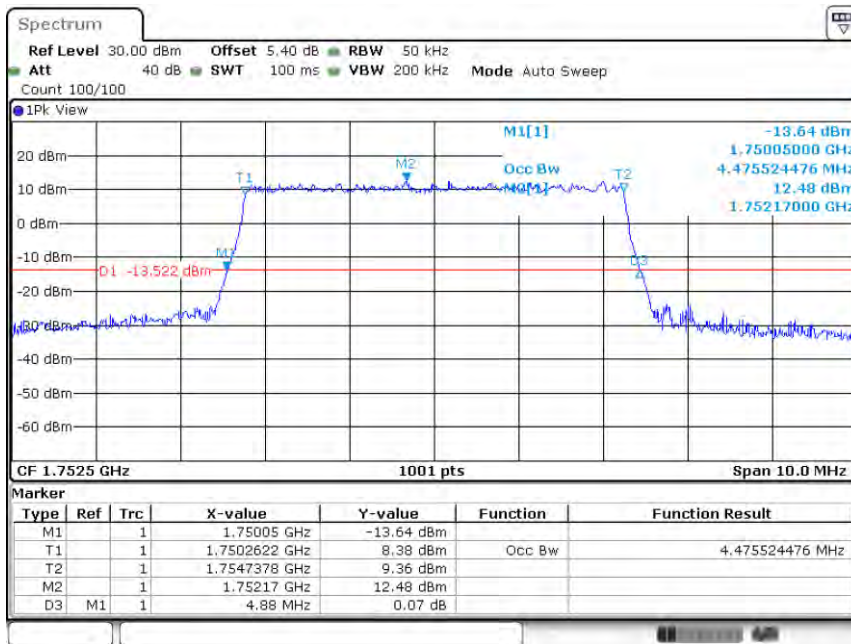
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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-5MHz-64QAM-20175-25RB#0-4.476



Date: 8.FEB.2021 20:25:51

Band4-5MHz-64QAM-20375-25RB#0-4.476



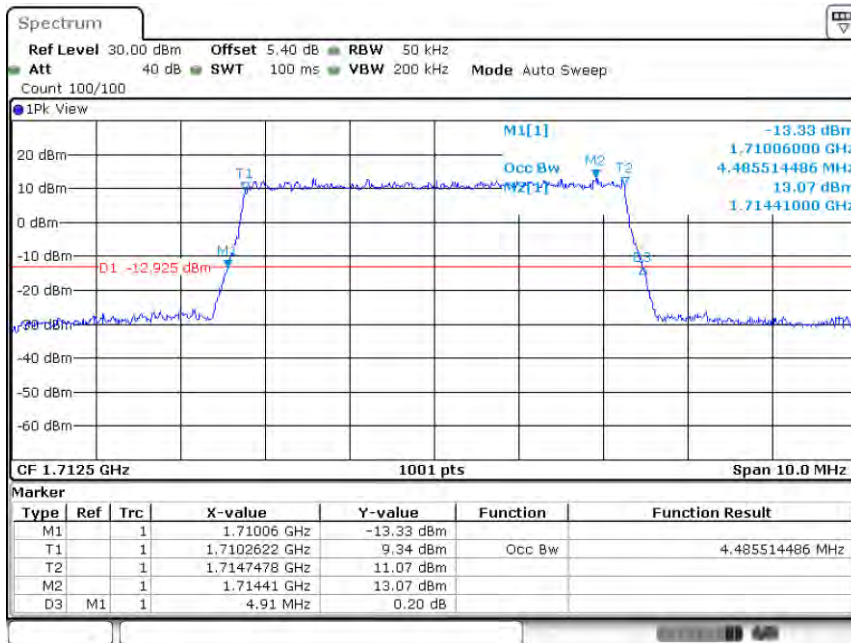
Date: 8.FEB.2021 20:26:11



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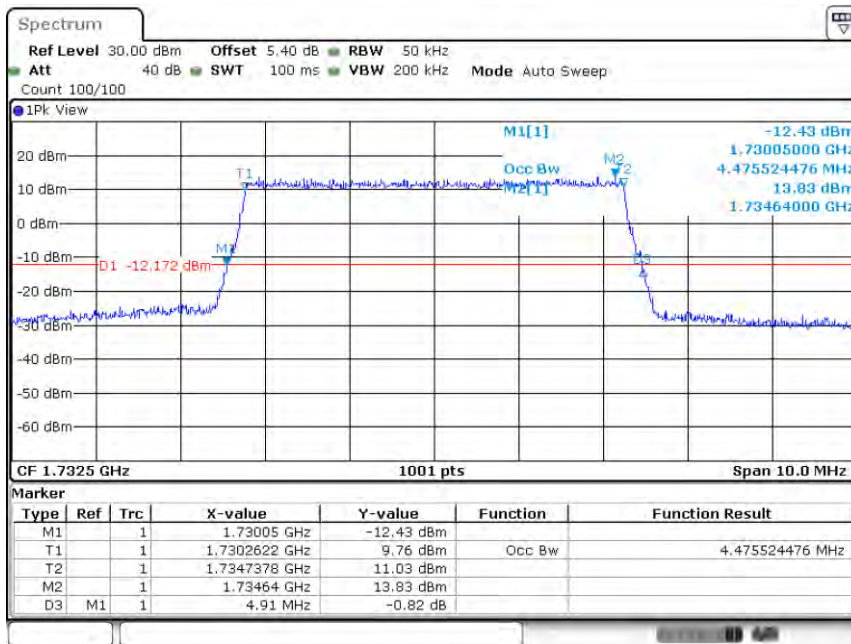


Band4-5MHz-16QAM-19975-25RB#0-4.486



Date: 8.FEB.2021 17:38:25

Band4-5MHz-16QAM-20175-25RB#0-4.476



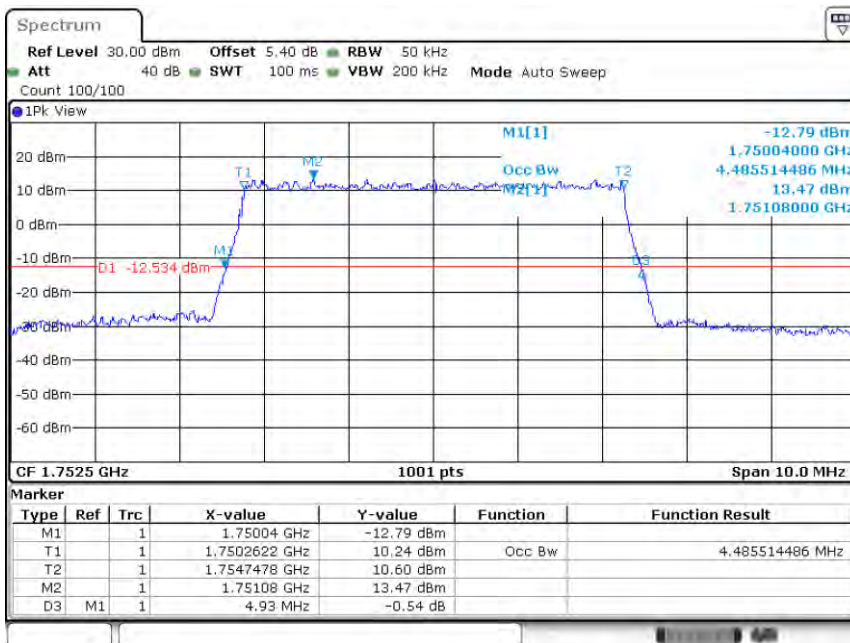
Date: 8.FEB.2021 17:39:05



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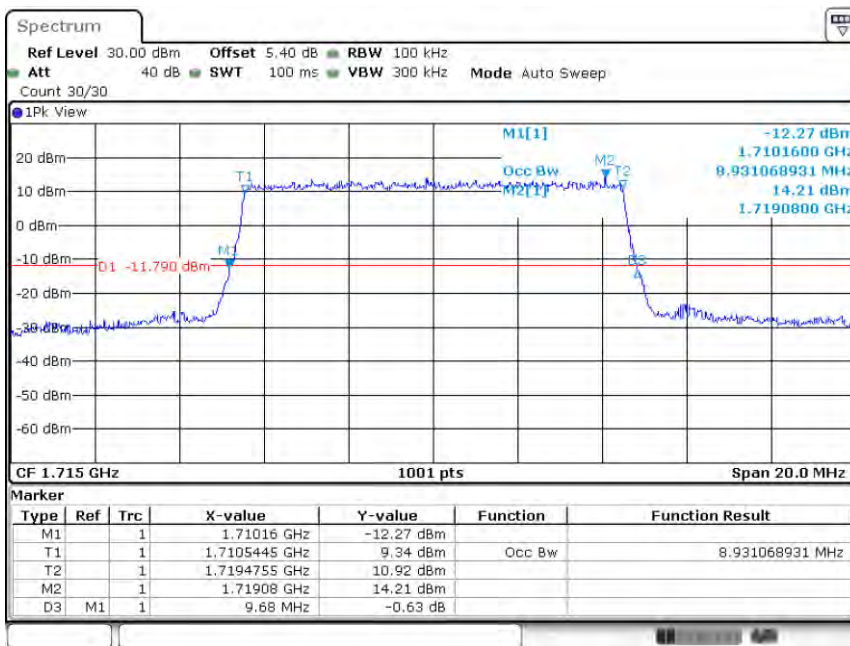


Band4-5MHz-16QAM-20375-25RB#0-4.486



Date: 8.FEB.2021 17:39:45

Band4-10MHz-QPSK-20000-50RB#0-8.931



Date: 8.FEB.2021 17:40:03



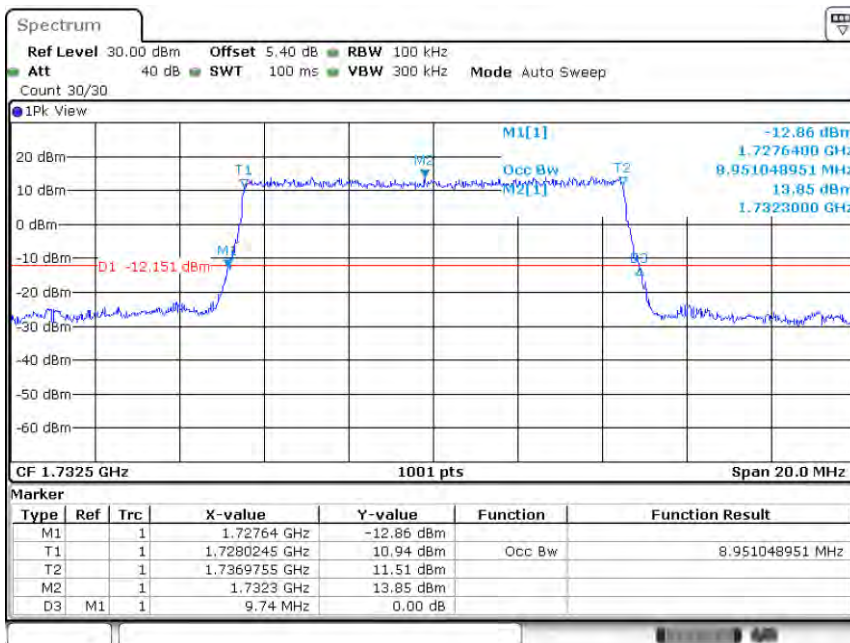
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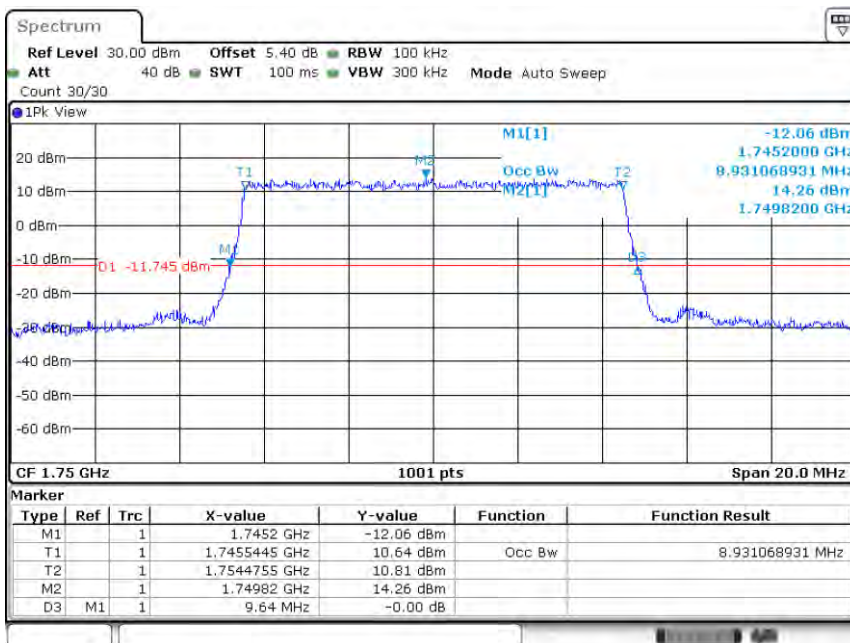


Band4-10MHz-QPSK-20175-50RB#0-8.951



Date: 8.FEB.2021 17:40:29

Band4-10MHz-QPSK-20350-50RB#0-8.931

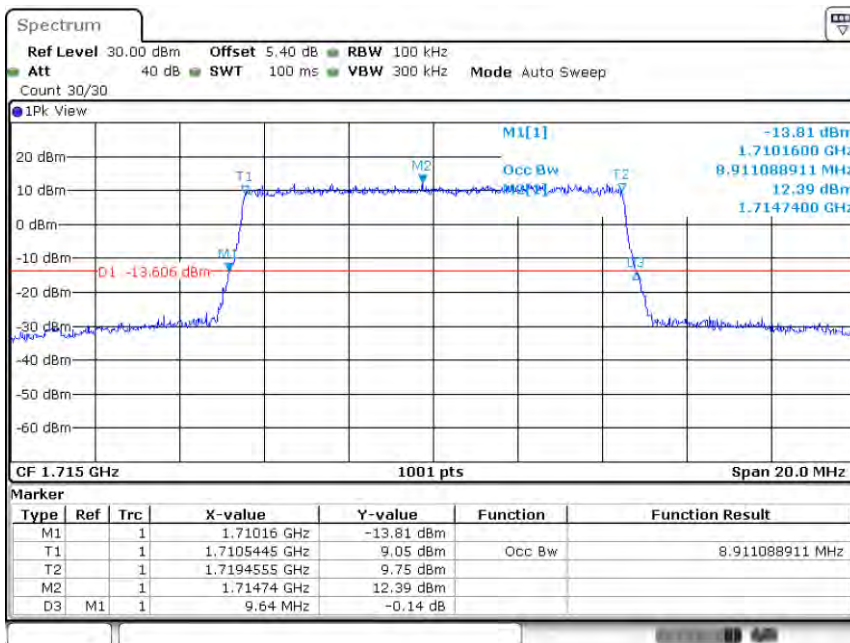


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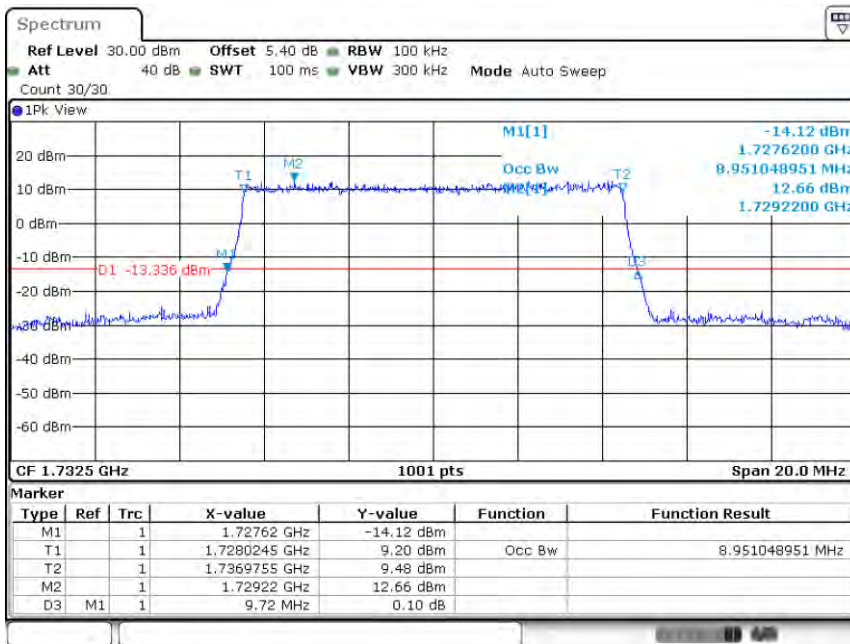
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Band4-10MHz-64QAM-20000-50RB#0-8.911



Date: 8.FEB.2021 20:26:30

Band4-10MHz-64QAM-20175-50RB#0-8.951



Date: 8.FEB.2021 20:26:43

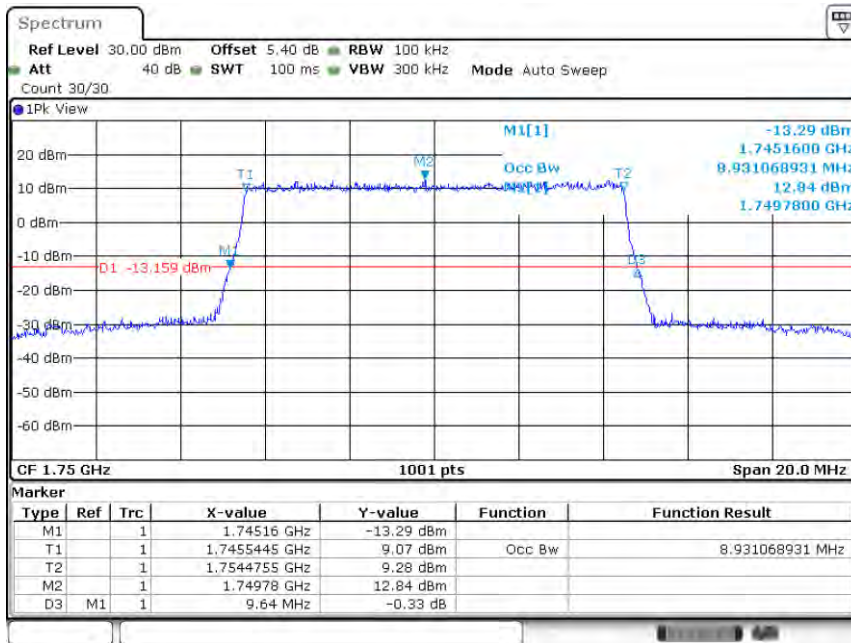


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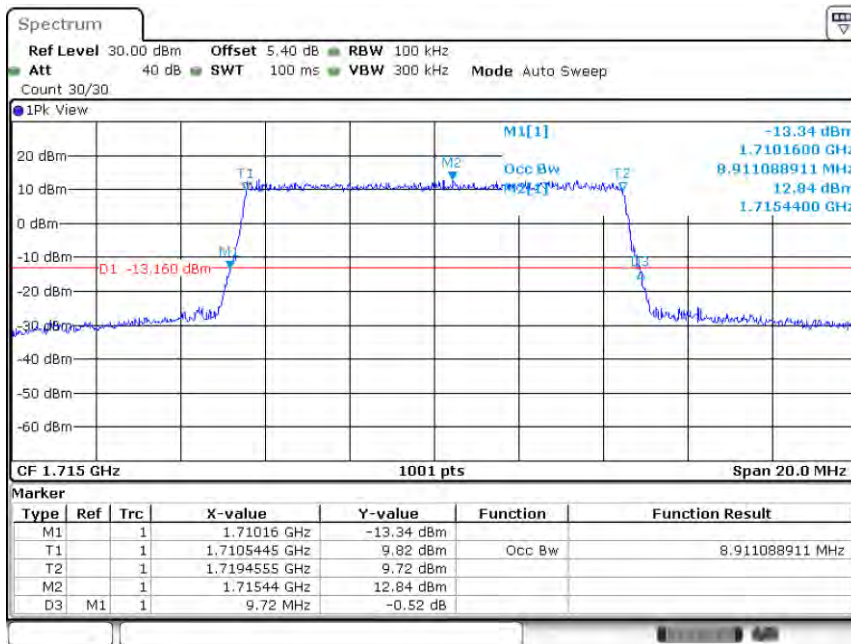
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Band4-10MHz-64QAM-20350-50RB#0-8.931



Date: 8.FEB.2021 20:26:56

Band4-10MHz-16QAM-20000-50RB#0-8.911



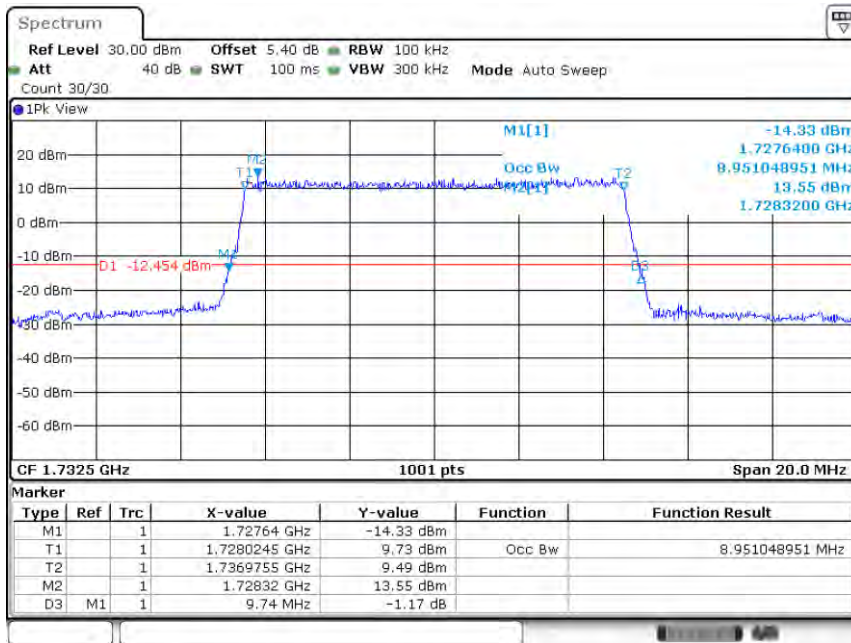
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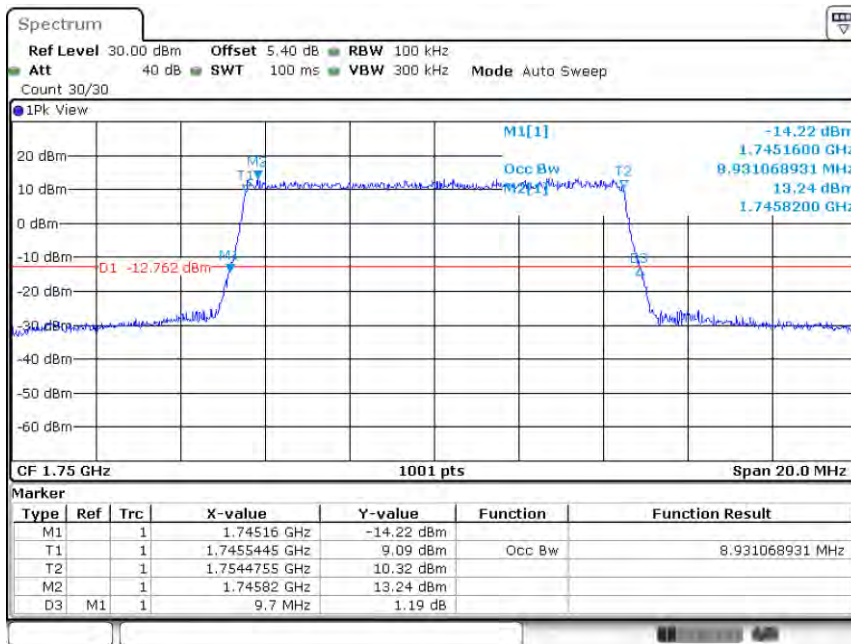


Band4-10MHz-16QAM-20175-50RB#0-8.951



Date: 8.FEB.2021 17:40:41

Band4-10MHz-16QAM-20350-50RB#0-8.931

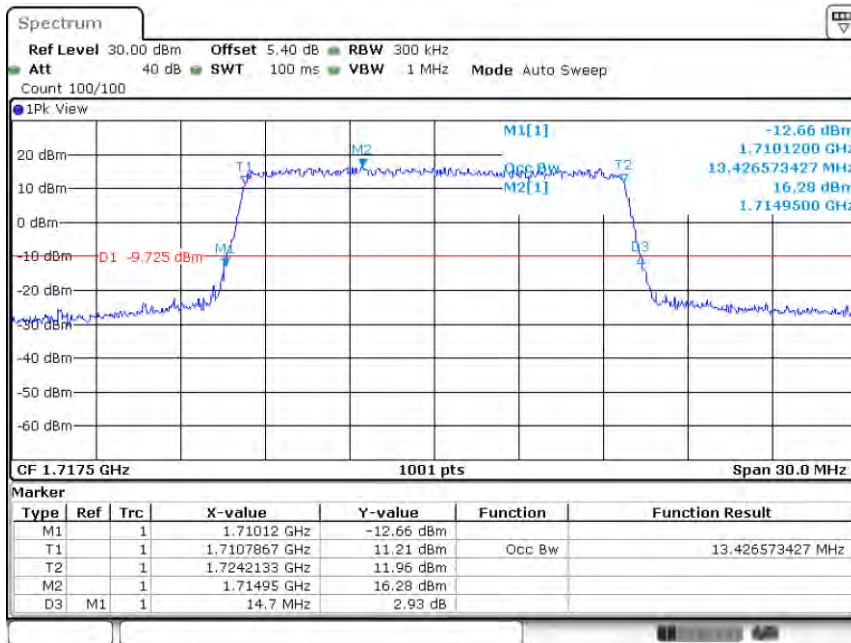


Date: 8.FEB.2021 17:41:07



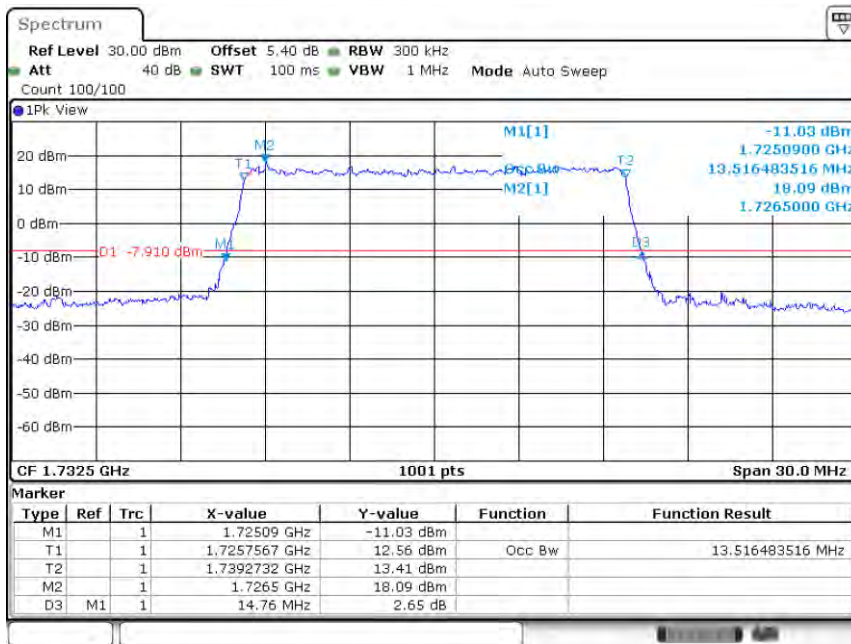
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Band4-15MHz-QPSK-20025-75RB#0-13.427



Date: 8.FEB.2021 17:41:32

Band4-15MHz-QPSK-20175-75RB#0-13.516

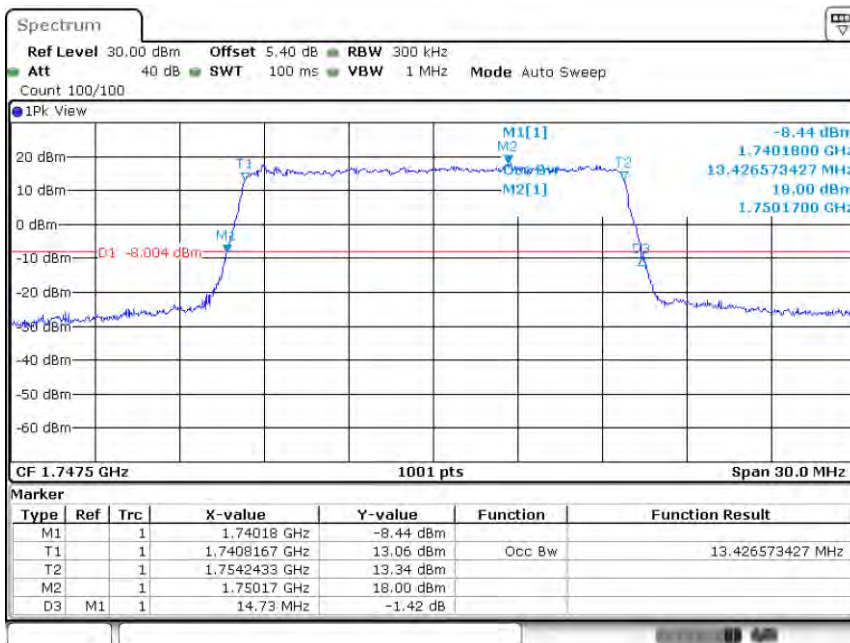


Date: 8.FEB.2021 17:42:12



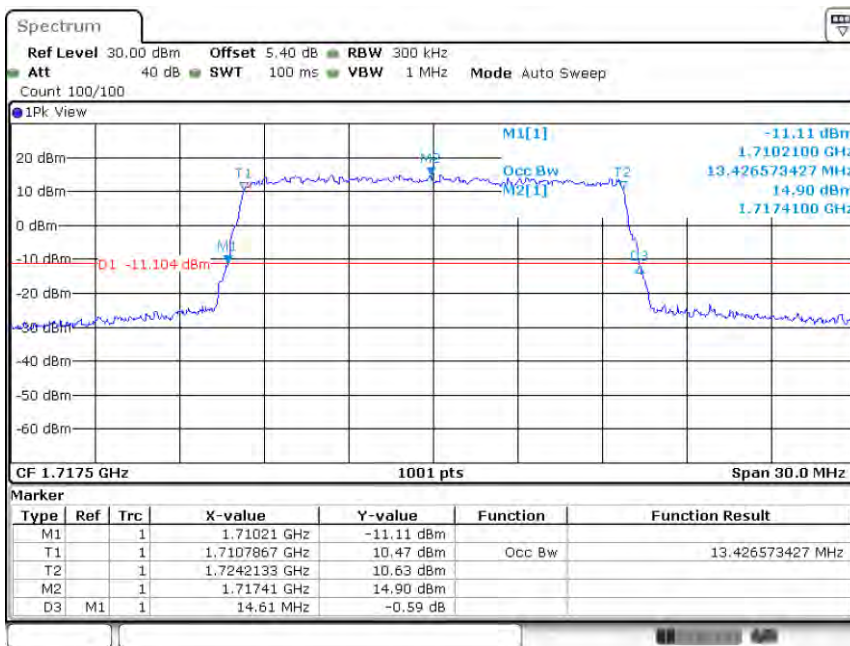
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Band4-15MHz-QPSK-20325-75RB#0-13.427



Date: 8.FEB.2021 17:42:51

Band4-15MHz-64QAM-20025-75RB#0-13.427



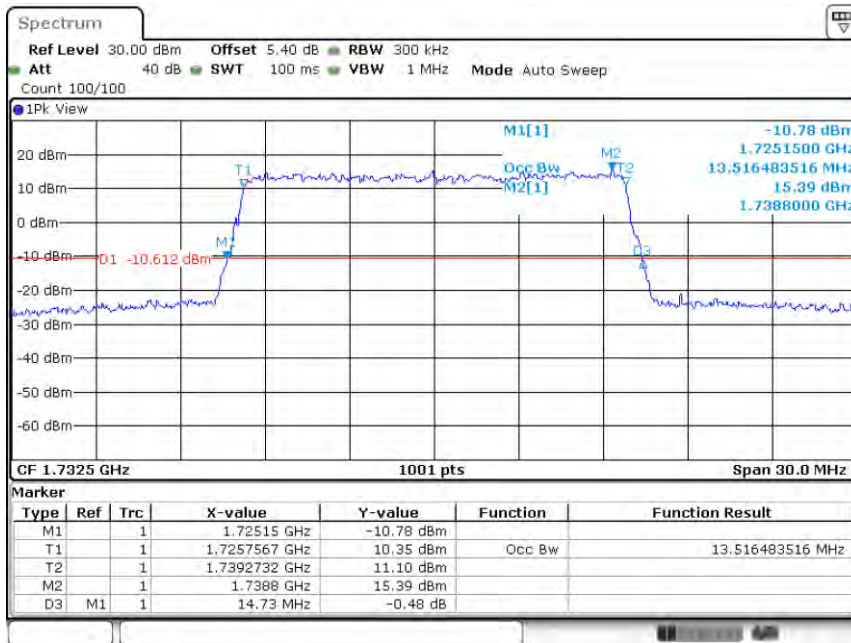
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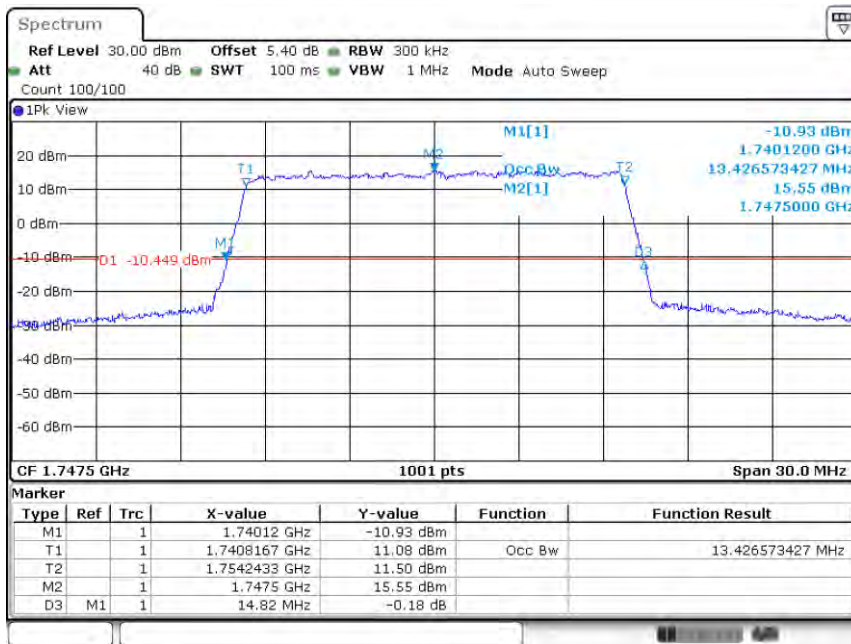
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Band4-15MHz-64QAM-20175-75RB#0-13.516

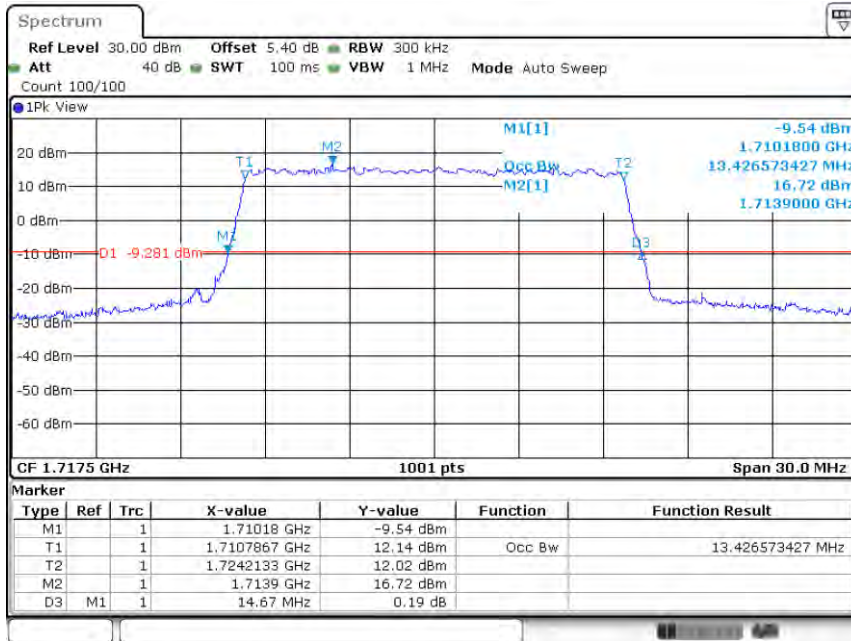


Band4-15MHz-64QAM-20325-75RB#0-13.427



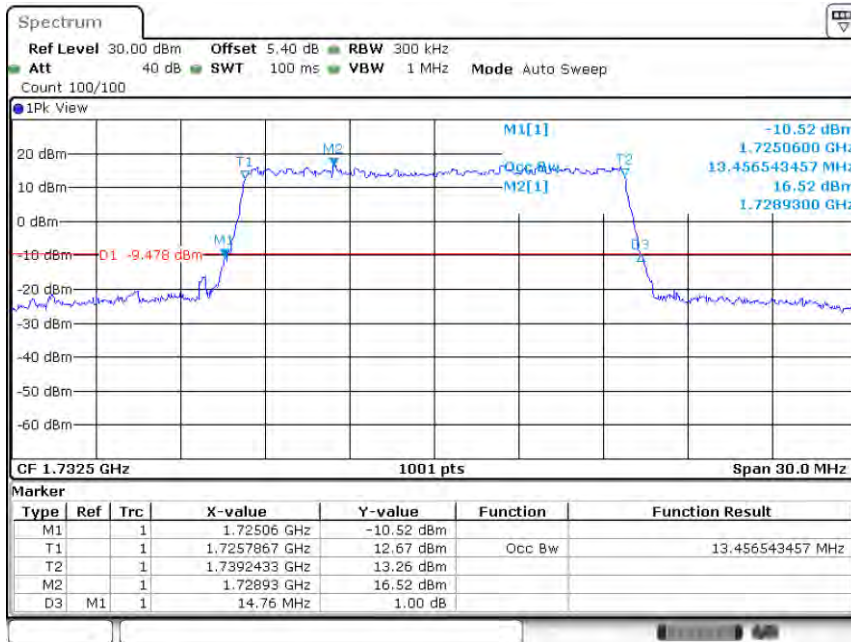
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Band4-15MHz-16QAM-20025-75RB#0-13.427



Date: 8.FEB.2021 17:41:52

Band4-15MHz-16QAM-20175-75RB#0-13.457

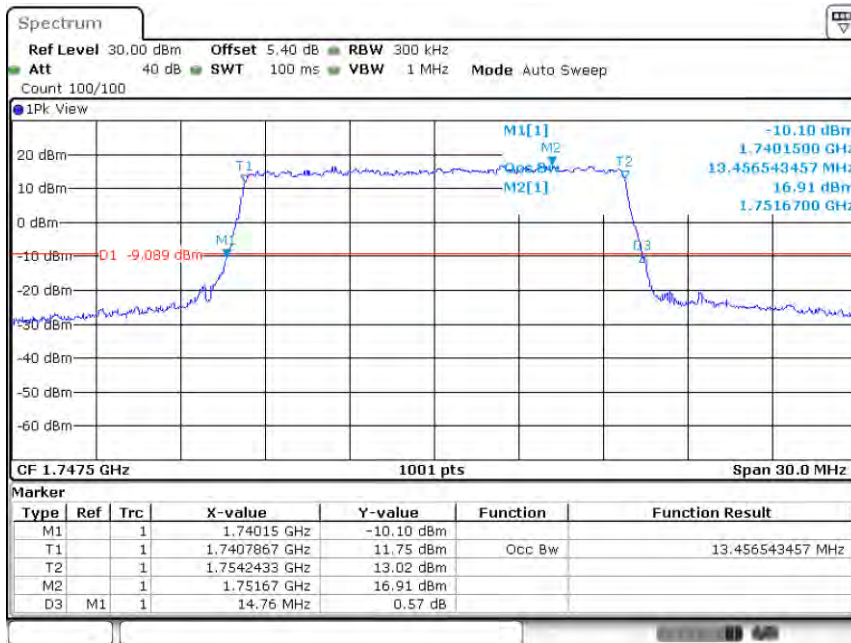


Date: 8.FEB.2021 17:42:31



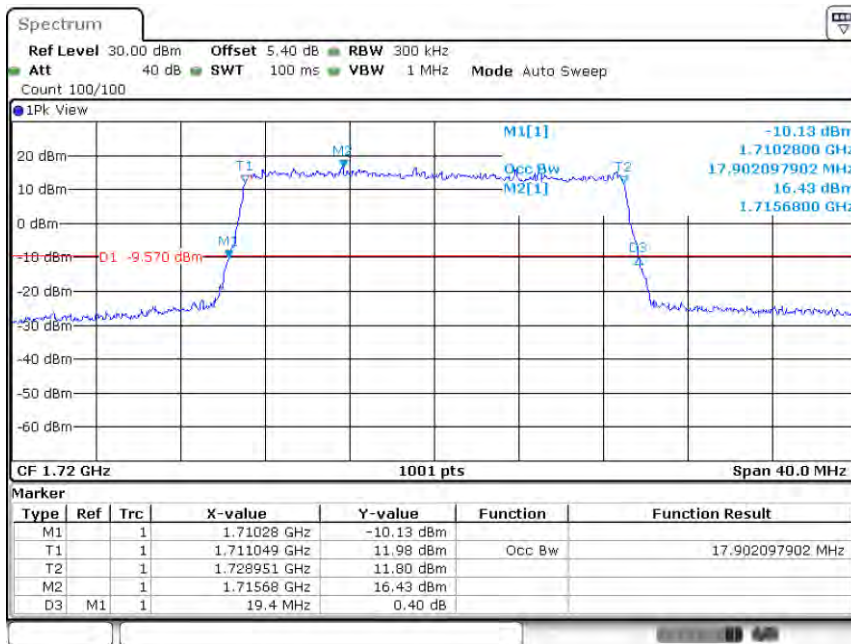
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Band4-15MHz-16QAM-20325-75RB#0-13.457



Date: 8.FEB.2021 17:43:11

Band4-20MHz-QPSK-20050-100RB#0-17.902

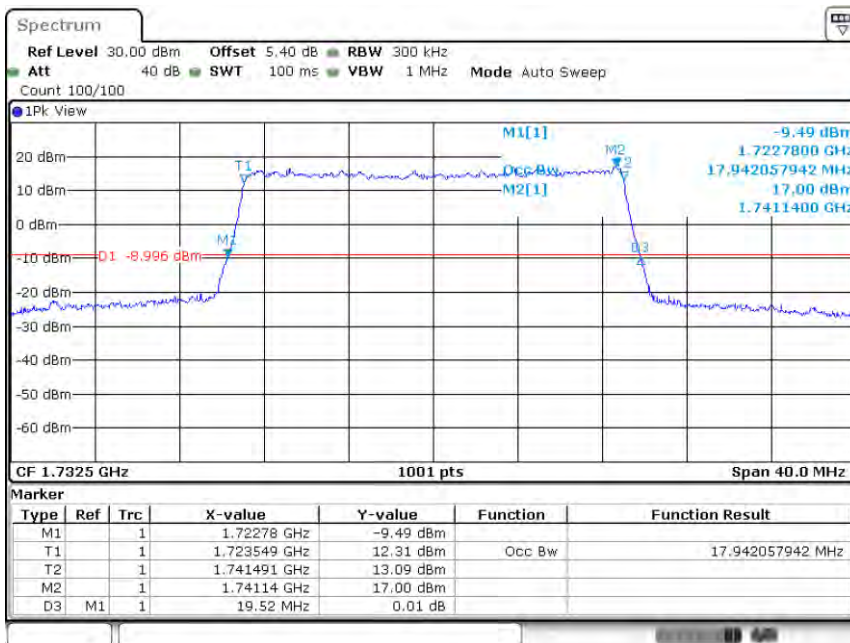


Date: 8.FEB.2021 17:43:36



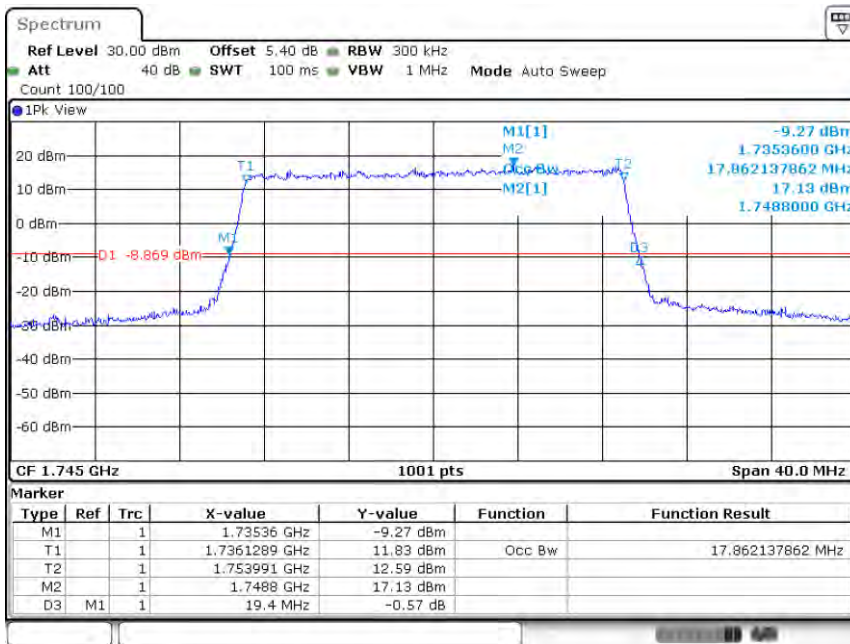
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Band4-20MHz-QPSK-20175-100RB#0-17.942



Date: 8.FEB.2021 17:44:16

Band4-20MHz-QPSK-20300-100RB#0-17.862



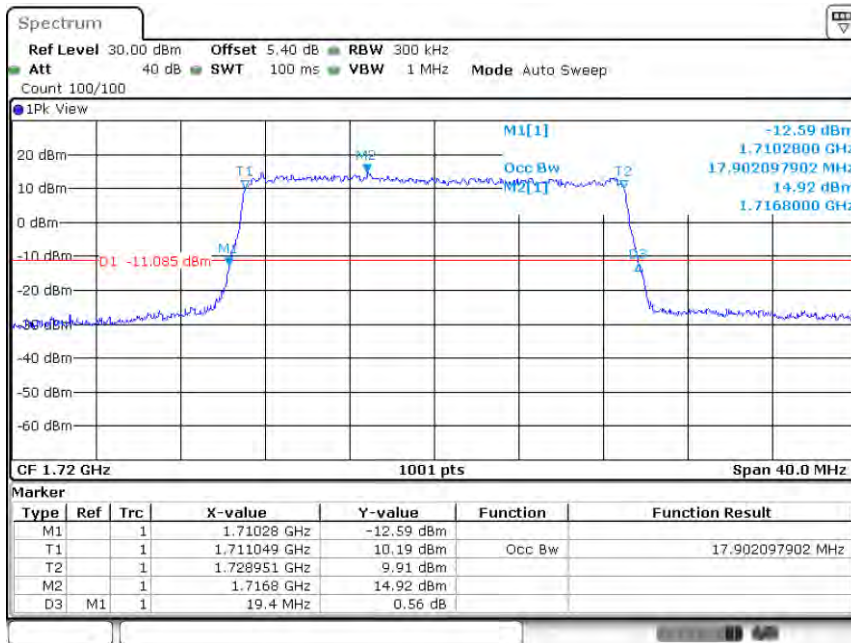
Date: 8.FEB.2021 17:44:55



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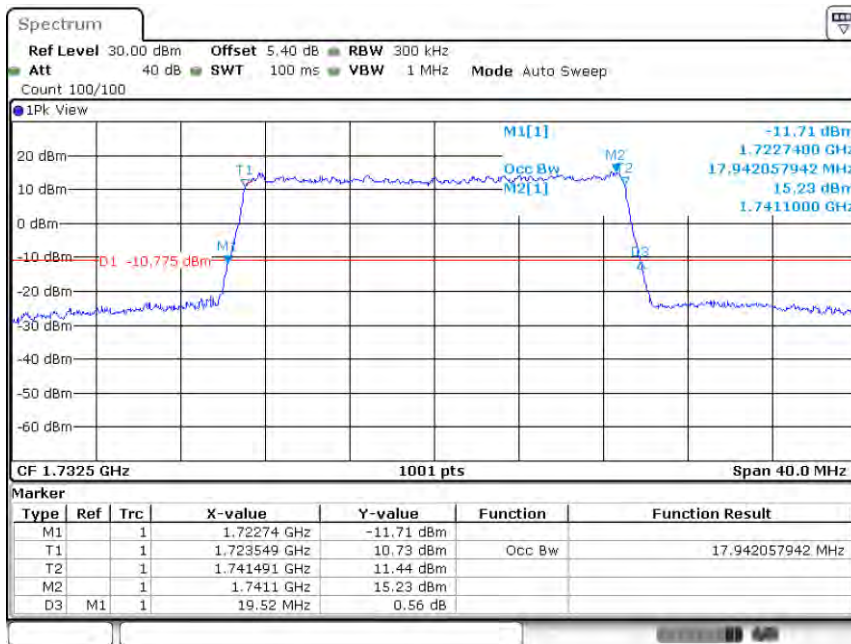


Band4-20MHz-64QAM-20050-100RB#0-17.902



Date: 8.FEB.2021 20:28:29

Band4-20MHz-64QAM-20175-100RB#0-17.942



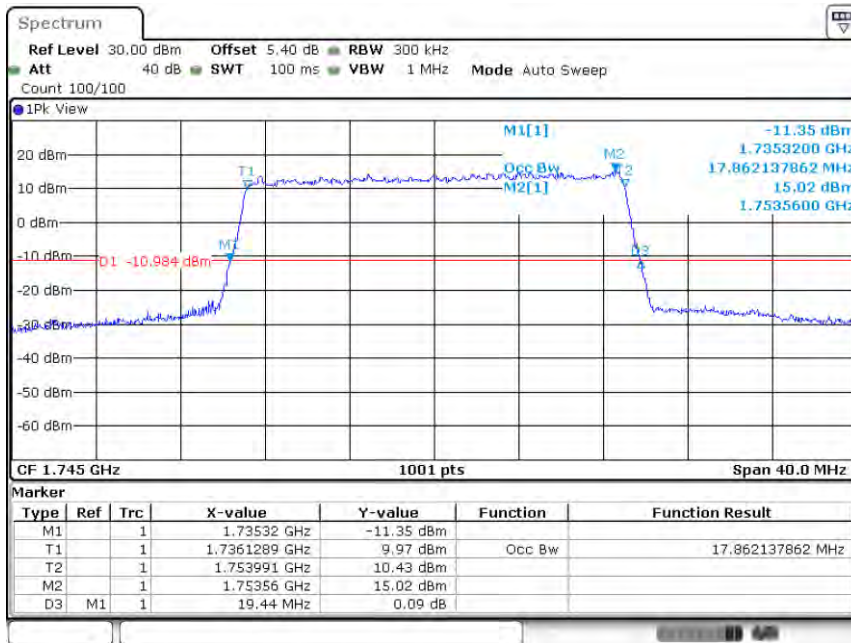
Date: 8.FEB.2021 20:28:49



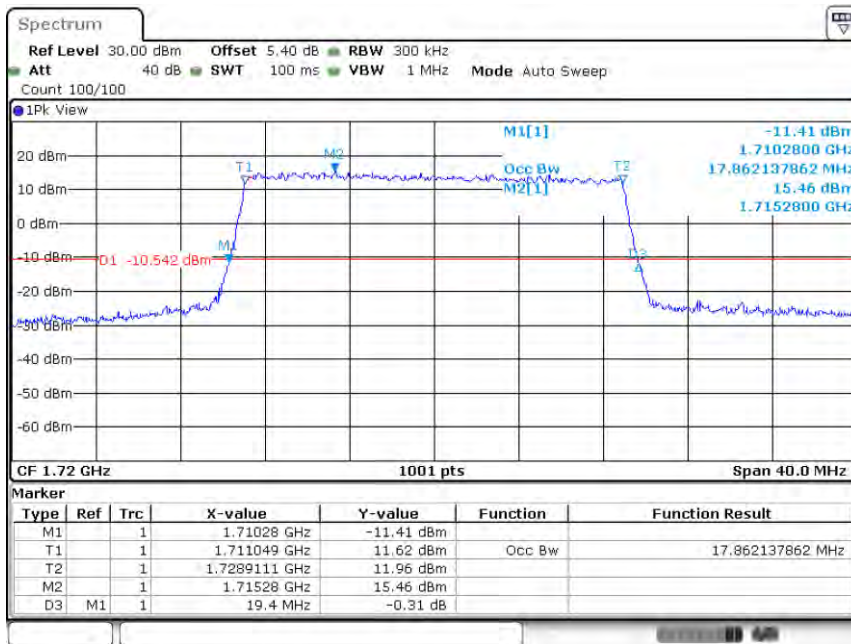
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Band4-20MHz-64QAM-20300-100RB#0-17.862



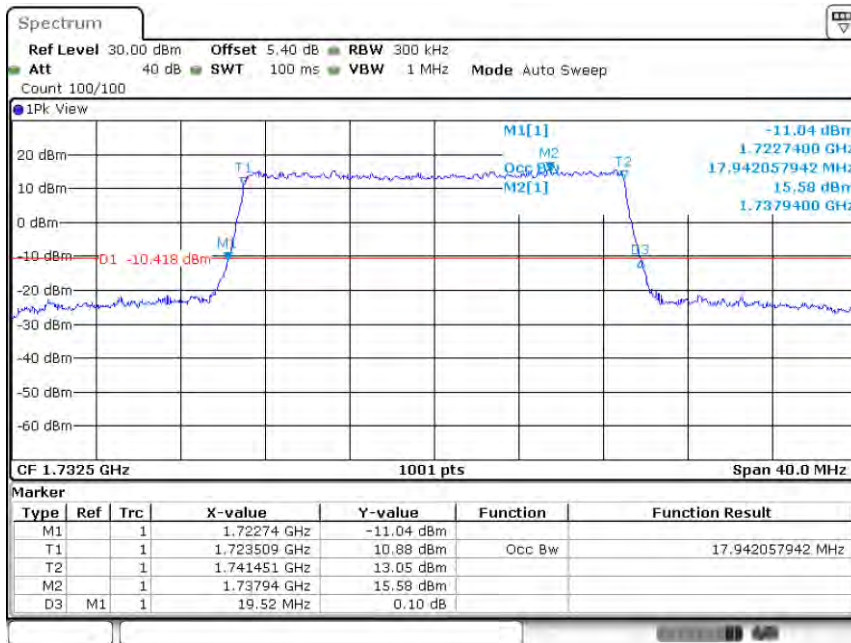
Band4-20MHz-16QAM-20050-100RB#0-17.862



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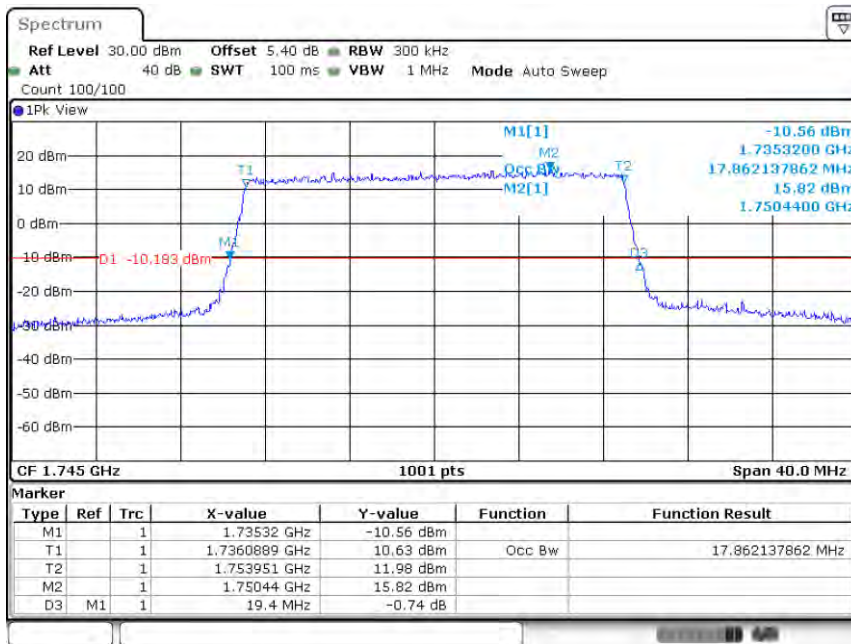


Band4-20MHz-16QAM-20175-100RB#0-17.942



Date: 8.FEB.2021 17:44:36

Band4-20MHz-16QAM-20300-100RB#0-17.862



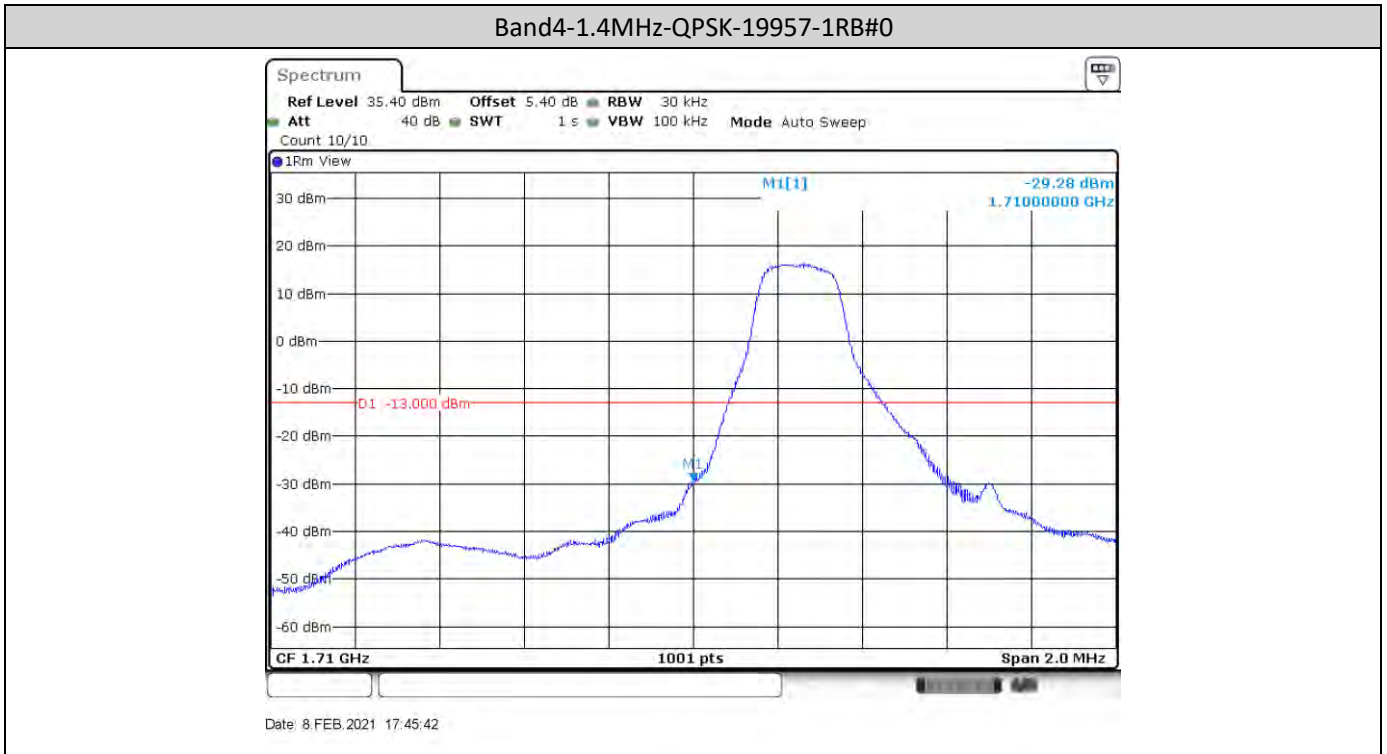
Date: 8.FEB.2021 17:45:15



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5. Band Edge Compliance

5.1. Test Plots



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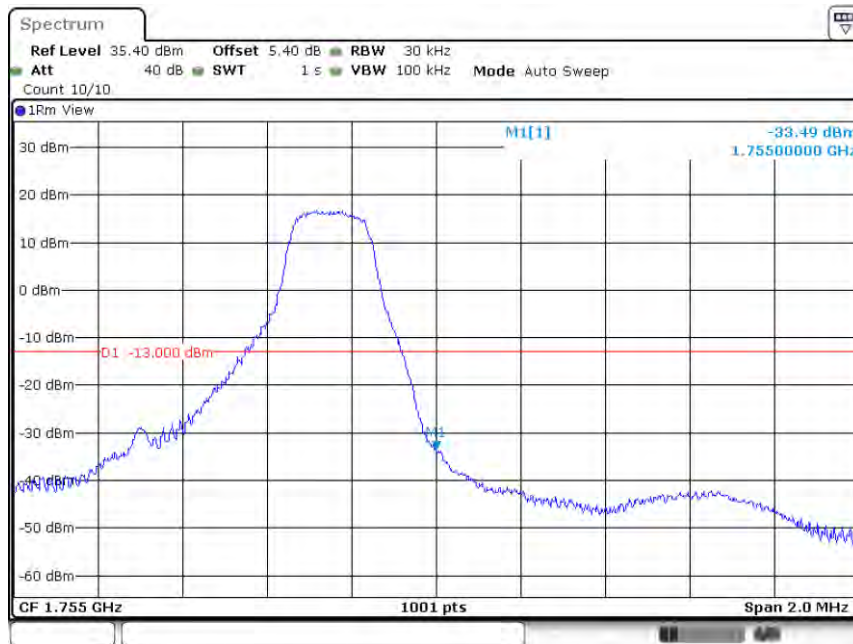
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Band4-1.4MHz-QPSK-19957-6RB#0



Date: 8.FEB.2021 17:46:23

Band4-1.4MHz-QPSK-20393-1RB#5



Date: 8.FEB.2021 17:47:08



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Band4-1.4MHz-QPSK-20393-6RB#0



Date: 8.FEB.2021 17:47:49

Band4-1.4MHz-64QAM-19957-1RB#0



Date: 8.FEB.2021 20:29:36



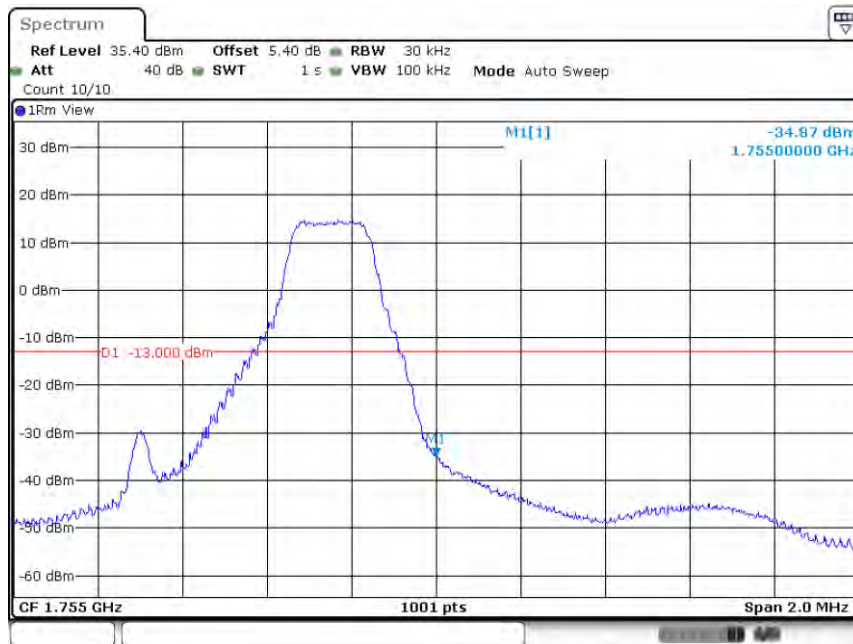
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Band4-1.4MHz-64QAM-19957-6RB#0



Date: 8.FEB.2021 20:29:57

Band4-1.4MHz-64QAM-20393-1RB#5

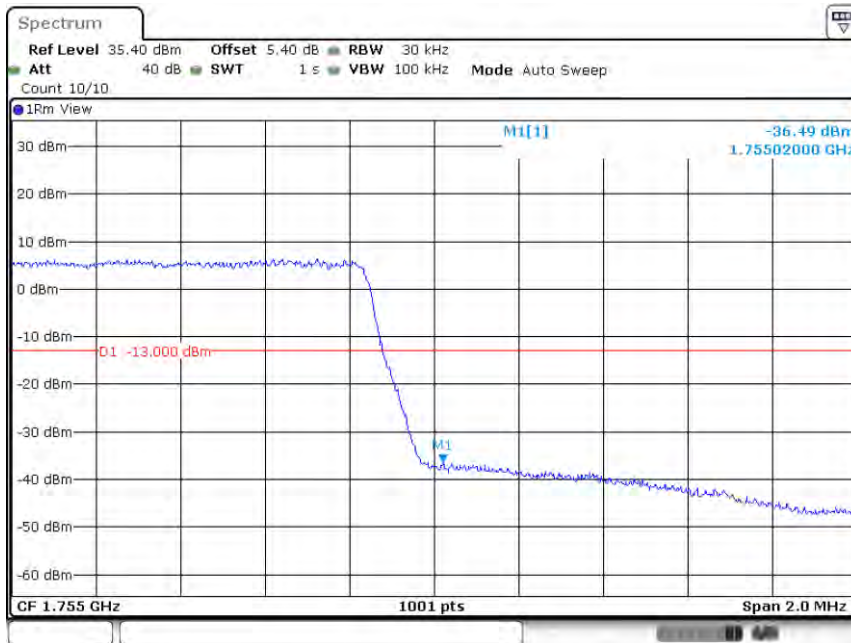


Date: 8.FEB.2021 20:30:23



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Band4-1.4MHz-64QAM-20393-6RB#0



Date: 8.FEB.2021 20:30:43

Band4-1.4MHz-16QAM-19957-1RB#0

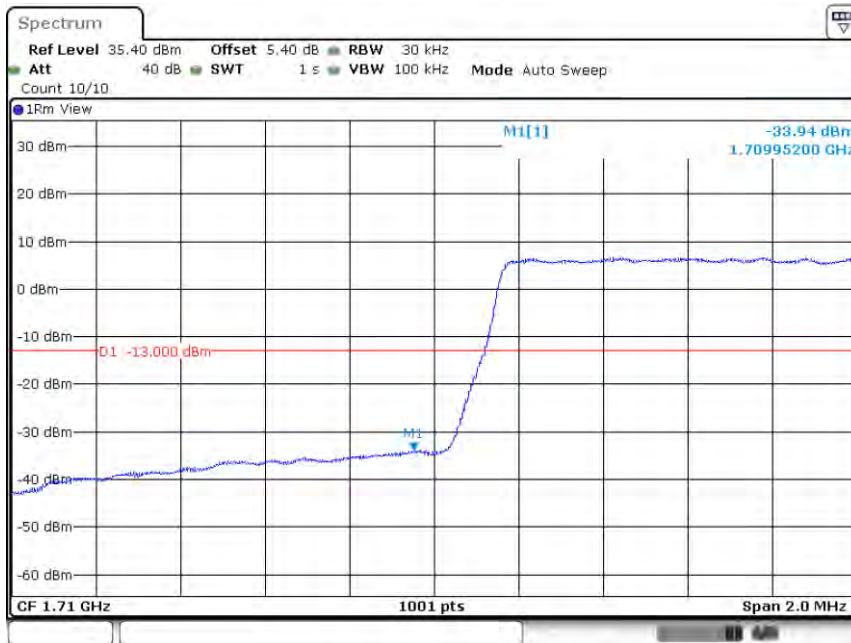


Date: 8.FEB.2021 17:46:02



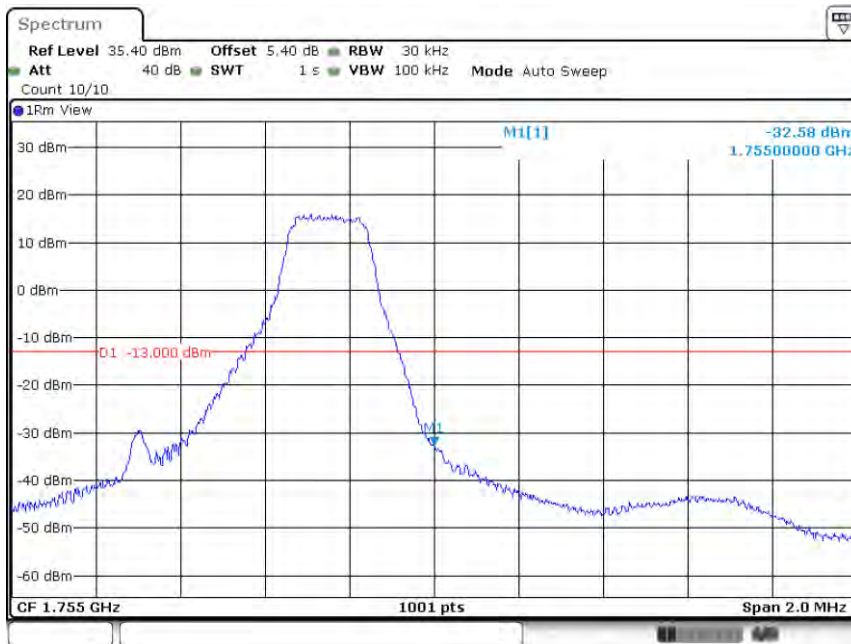
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Band4-1.4MHz-16QAM-19957-6RB#0



Date: 8.FEB.2021 17:46:43

Band4-1.4MHz-16QAM-20393-1RB#5



Date: 8.FEB.2021 17:47:29



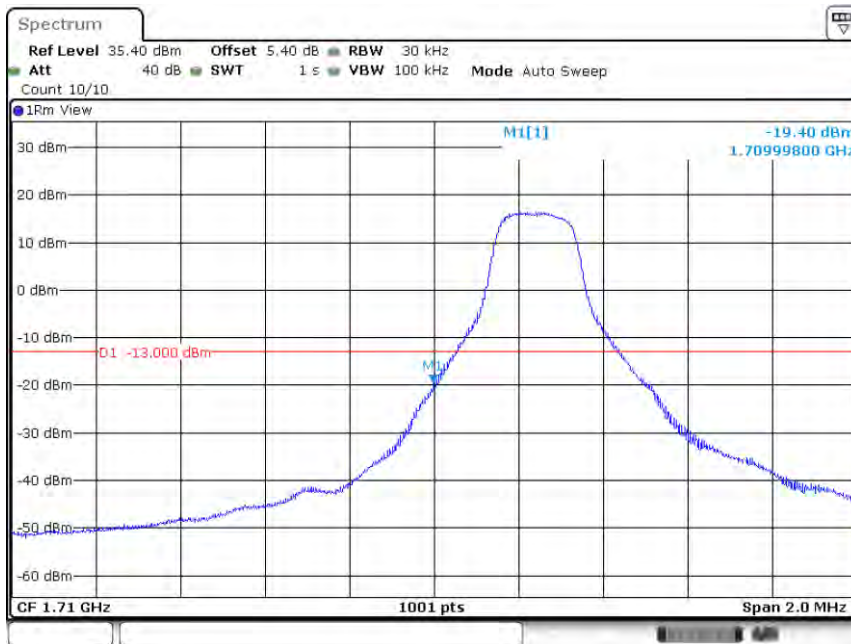
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Band4-1.4MHz-16QAM-20393-6RB#0



Date: 8.FEB.2021 17:48:10

Band4-3MHz-QPSK-19965-1RB#0



Date: 8.FEB.2021 17:48:36



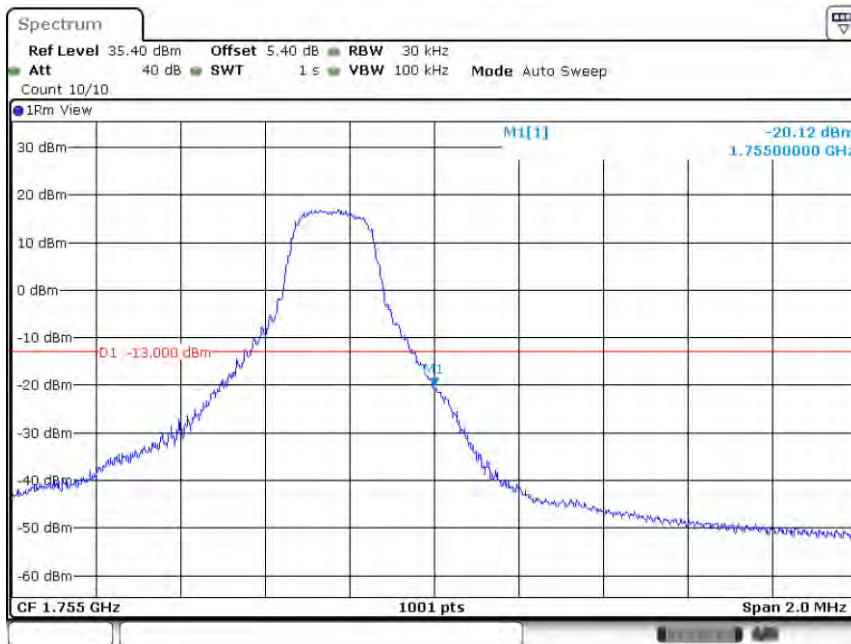
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Band4-3MHz-QPSK-19965-15RB#0



Date: 8.FEB.2021 17:49:17

Band4-3MHz-QPSK-20385-1RB#14

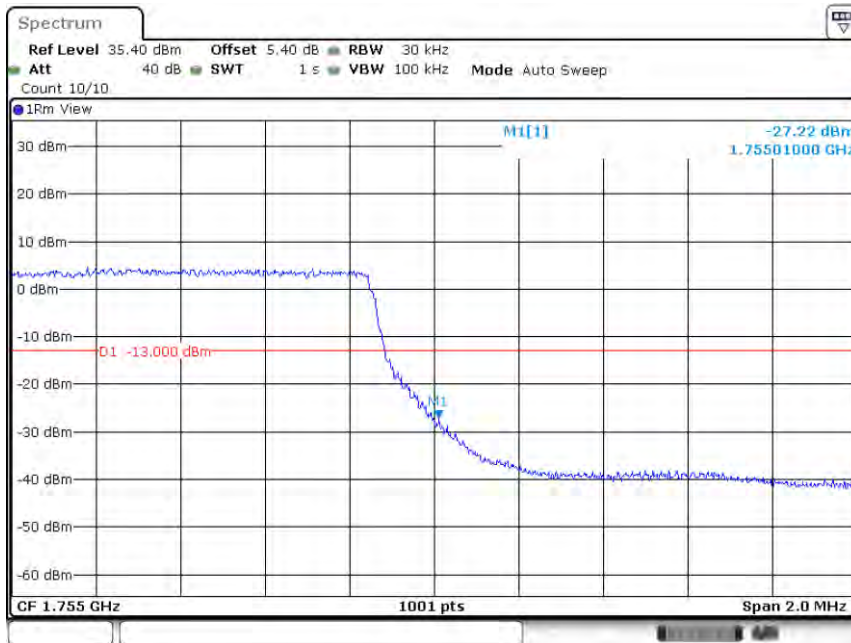


Date: 8.FEB.2021 17:50:03



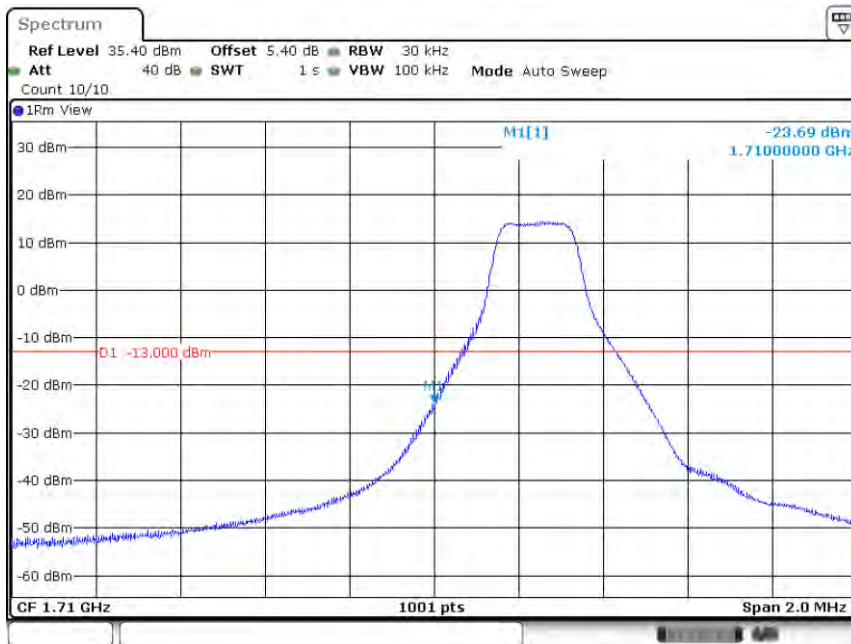
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Band4-3MHz-QPSK-20385-15RB#0



Date: 8.FEB.2021 17:50:44

Band4-3MHz-64QAM-19965-1RB#0



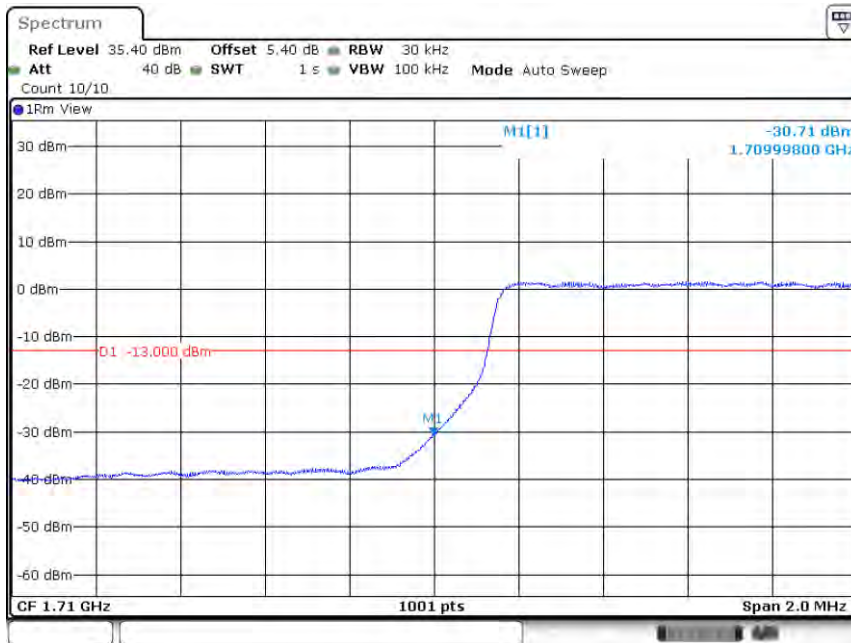
Date: 8.FEB.2021 20:31:11



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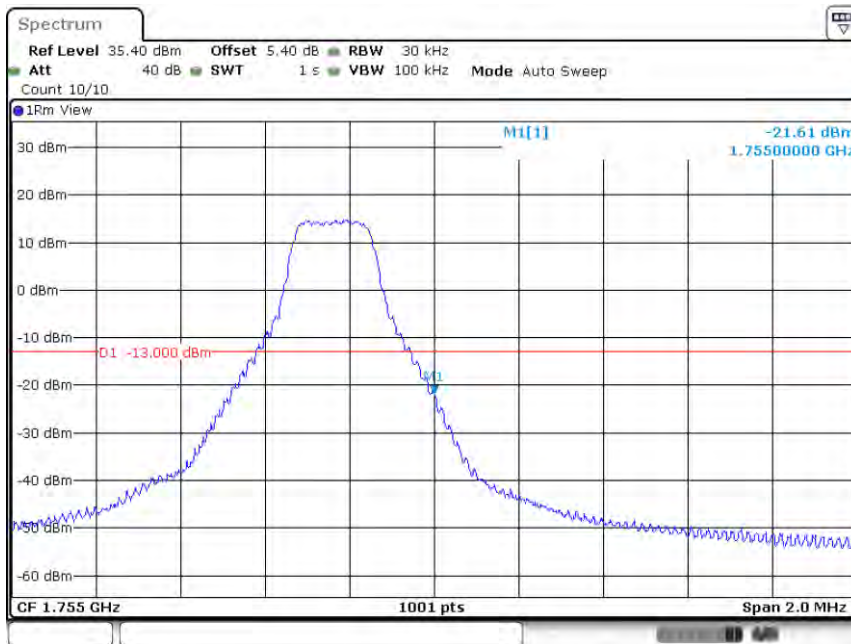


Band4-3MHz-64QAM-19965-15RB#0



Date: 8.FEB.2021 20:31:31

Band4-3MHz-64QAM-20385-1RB#14

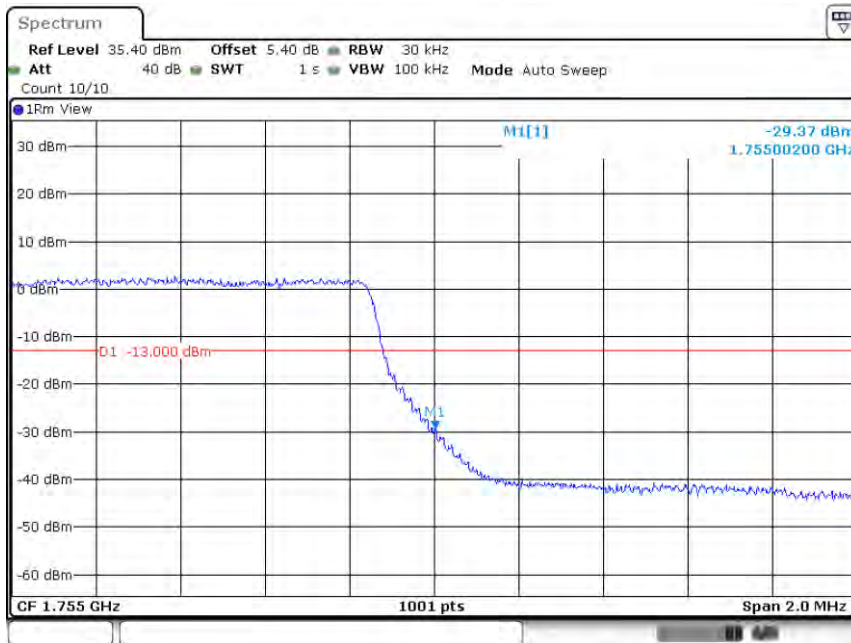


Date: 8.FEB.2021 20:31:57



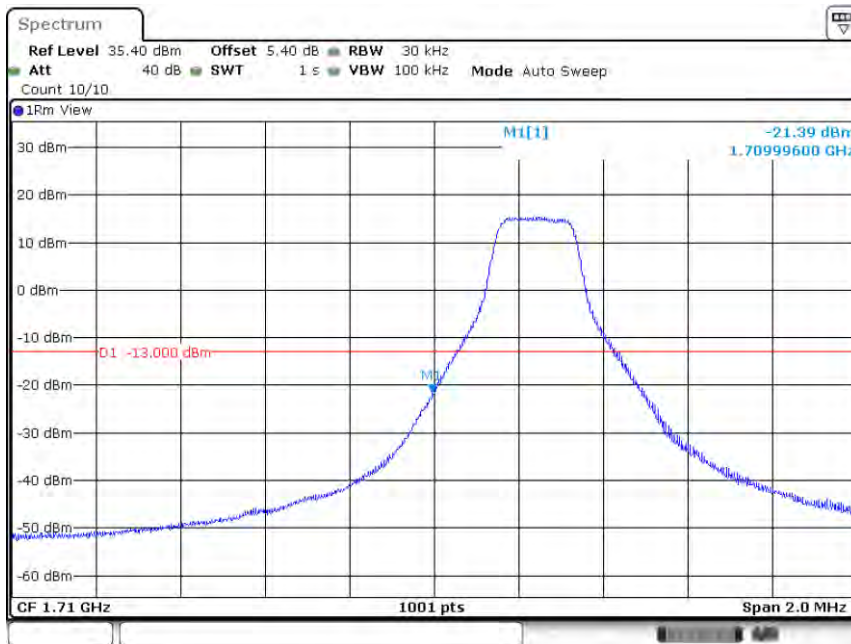
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Band4-3MHz-64QAM-20385-15RB#0



Date: 8.FEB.2021 20:32:18

Band4-3MHz-16QAM-19965-1RB#0

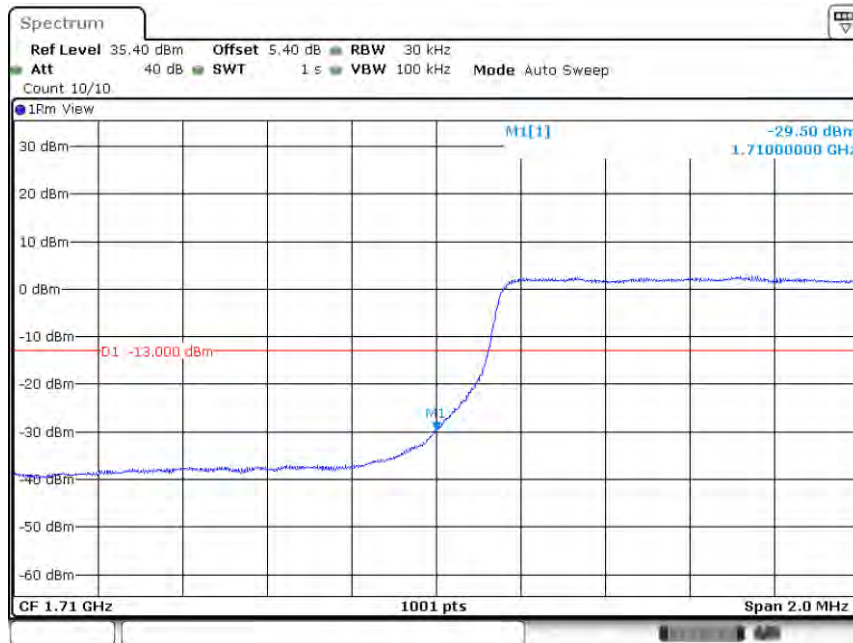


Date: 8.FEB.2021 17:48:57



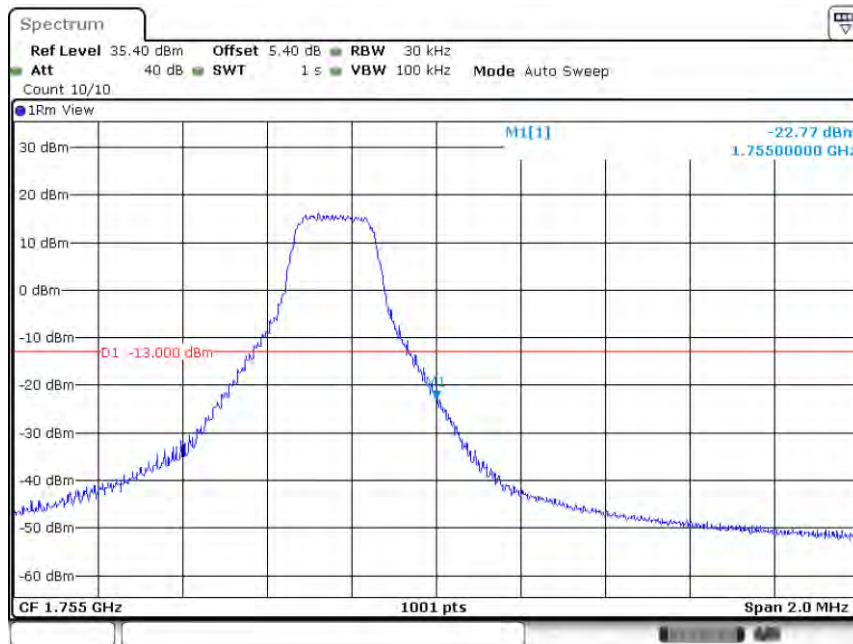
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Band4-3MHz-16QAM-19965-15RB#0



Date: 8.FEB.2021 17:49:38

Band4-3MHz-16QAM-20385-1RB#14

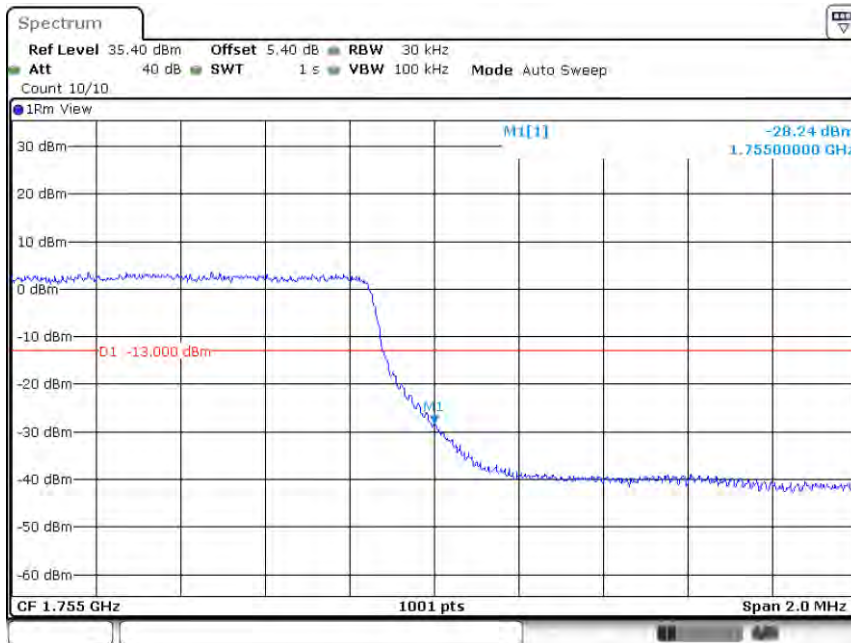


Date: 8.FEB.2021 17:50:23



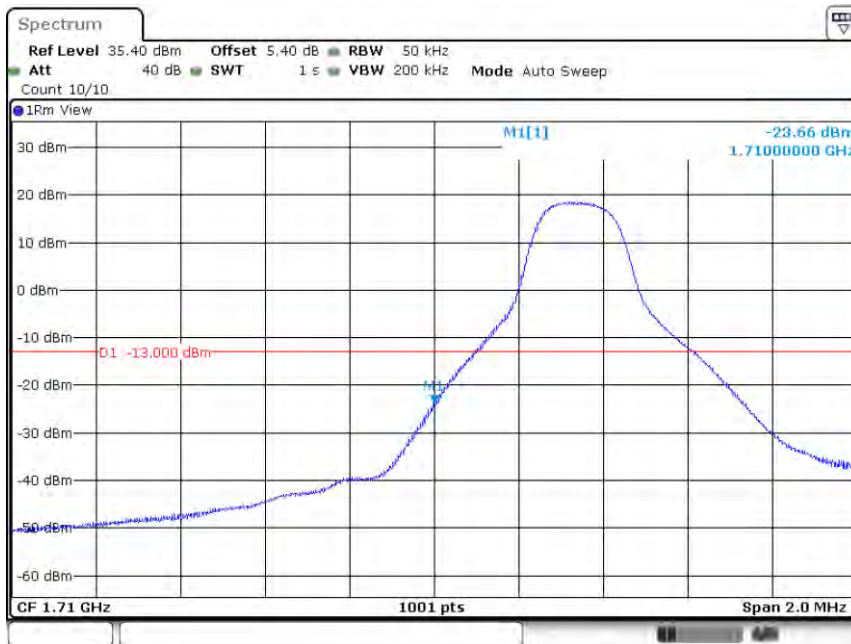
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Band4-3MHz-16QAM-20385-15RB#0



Date: 8.FEB.2021 17:51:04

Band4-5MHz-QPSK-19975-1RB#0



Date: 8.FEB.2021 17:51:30



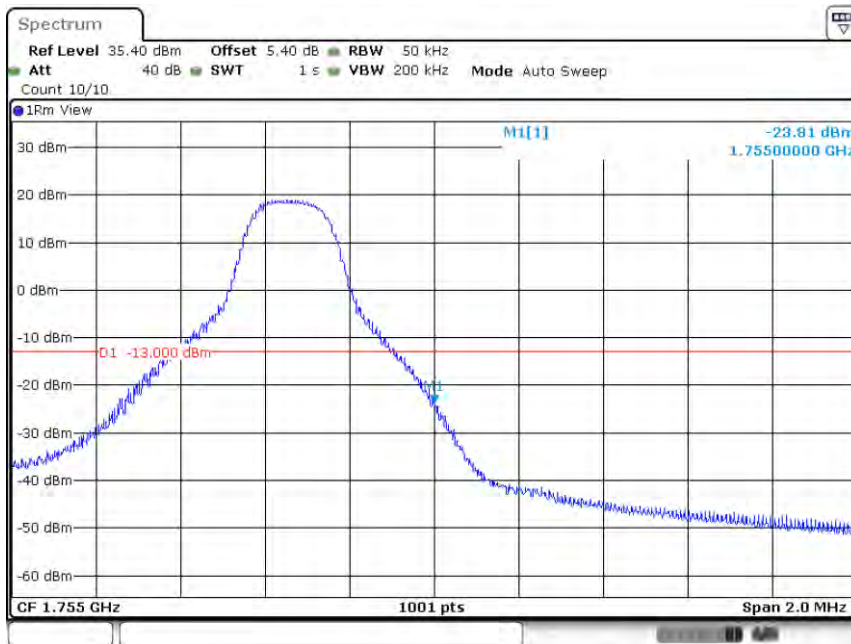
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Band4-5MHz-QPSK-19975-25RB#0



Date: 8.FEB.2021 17:52:11

Band4-5MHz-QPSK-20375-1RB#24



Date: 8.FEB.2021 17:52:57



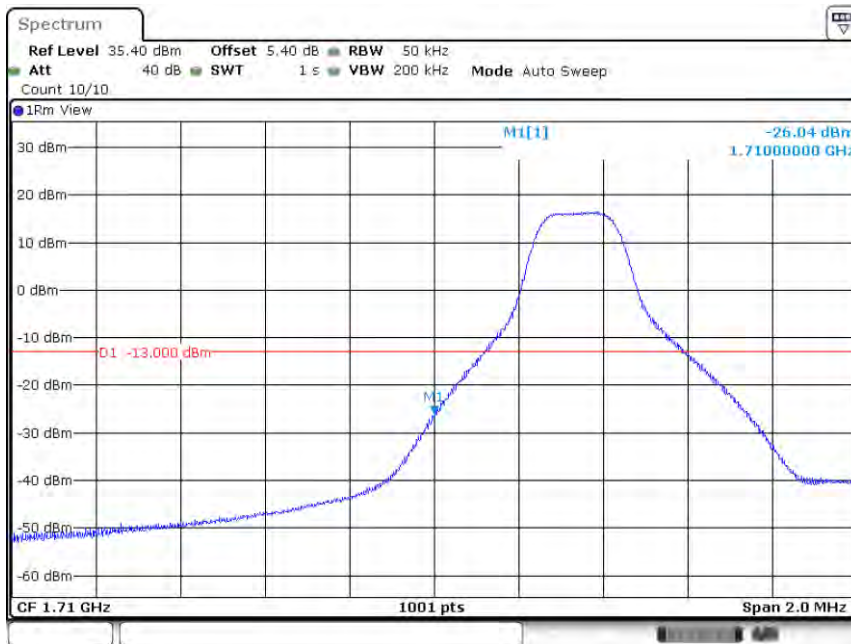
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Band4-5MHz-QPSK-20375-25RB#0



Date: 8.FEB.2021 17:53:38

Band4-5MHz-64QAM-19975-1RB#0

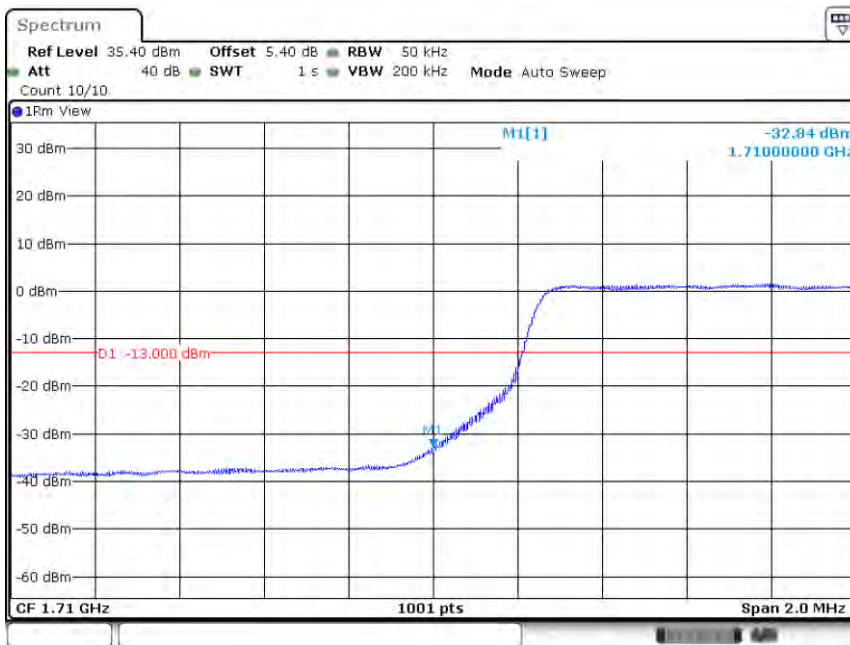


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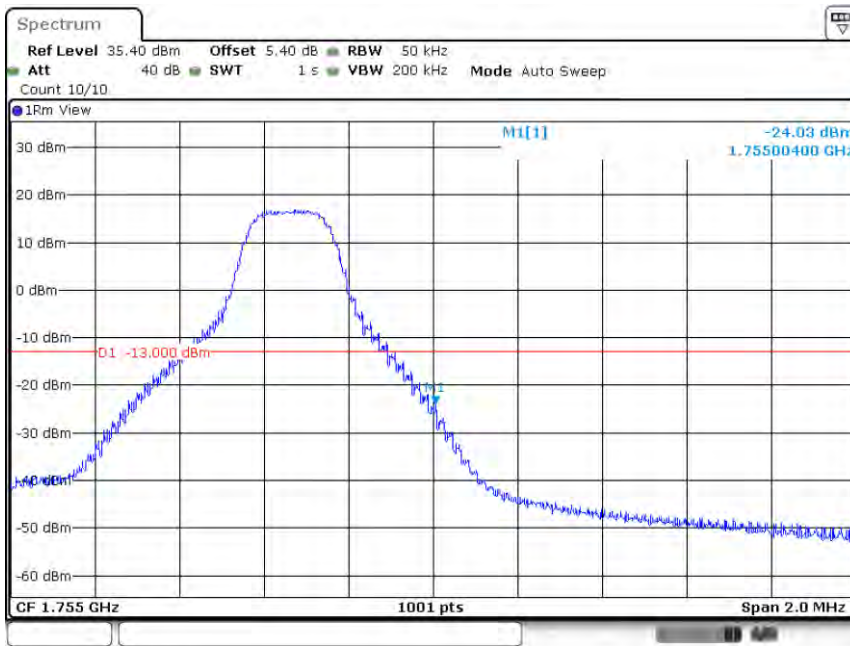
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Band4-5MHz-64QAM-19975-25RB#0



Date: 8.FEB.2021 20:33:05

Band4-5MHz-64QAM-20375-1RB#24



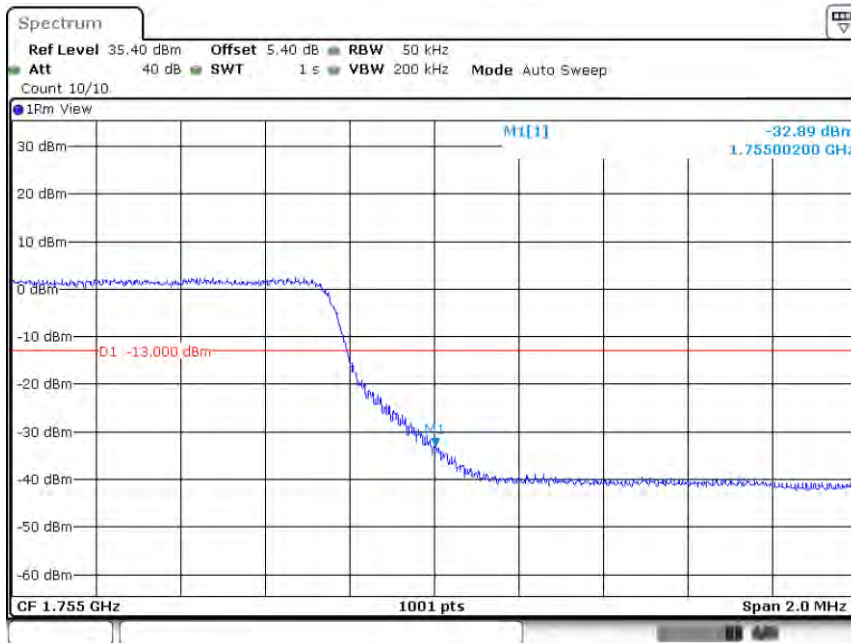
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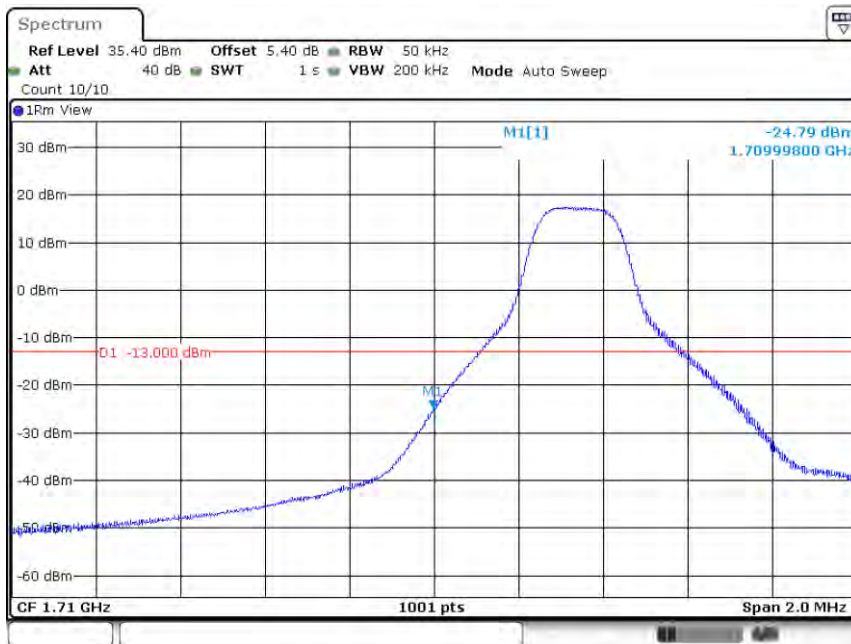


Band4-5MHz-64QAM-20375-25RB#0



Date: 8.FEB.2021 20:33:52

Band4-5MHz-16QAM-19975-1RB#0



Date: 8.FEB.2021 17:51:51



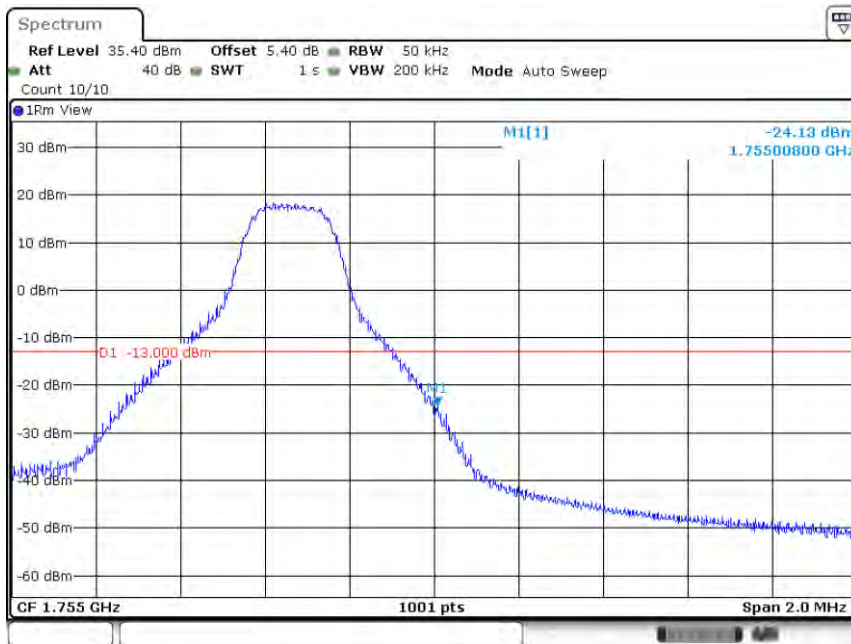
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Band4-5MHz-16QAM-19975-25RB#0



Date: 8.FEB.2021 17:52:32

Band4-5MHz-16QAM-20375-1RB#24

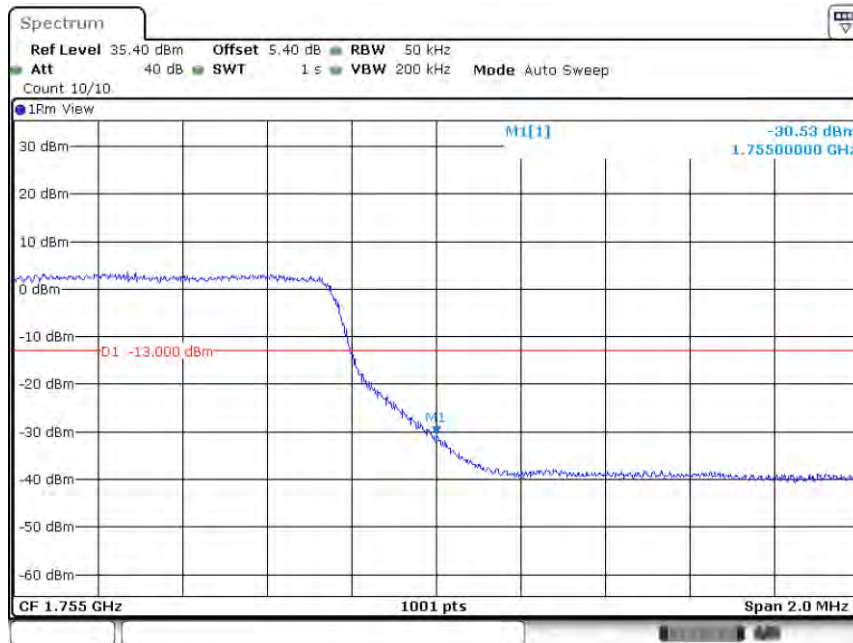


Date: 8.FEB.2021 17:53:17



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Band4-5MHz-16QAM-20375-25RB#0



Date: 8.FEB.2021 17:53:58

Band4-10MHz-QPSK-20000-1RB#0



Date: 8.FEB.2021 17:54:25



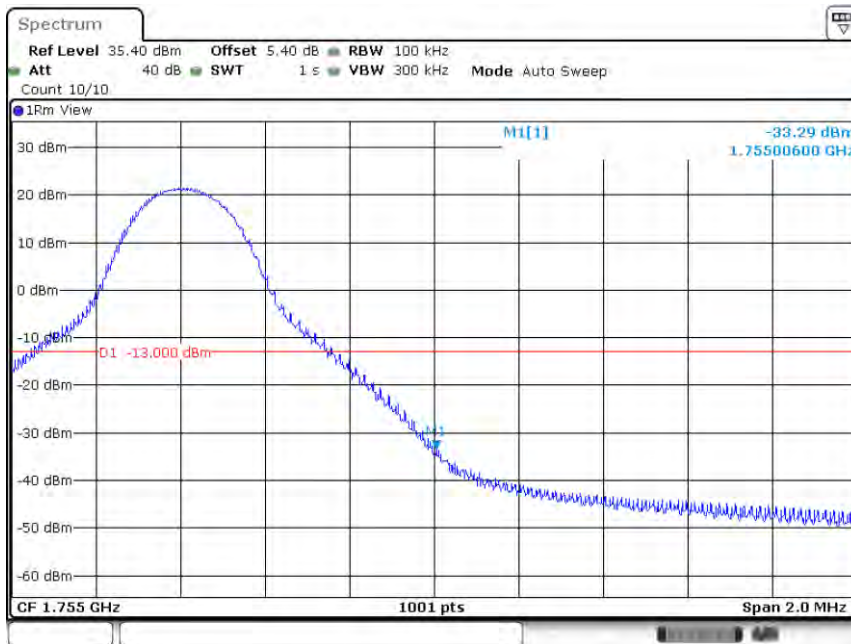
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Band4-10MHz-QPSK-20000-50RB#0



Date: 8.FEB.2021 17:55:06

Band4-10MHz-QPSK-20350-1RB#49



Date: 8.FEB.2021 17:55:51



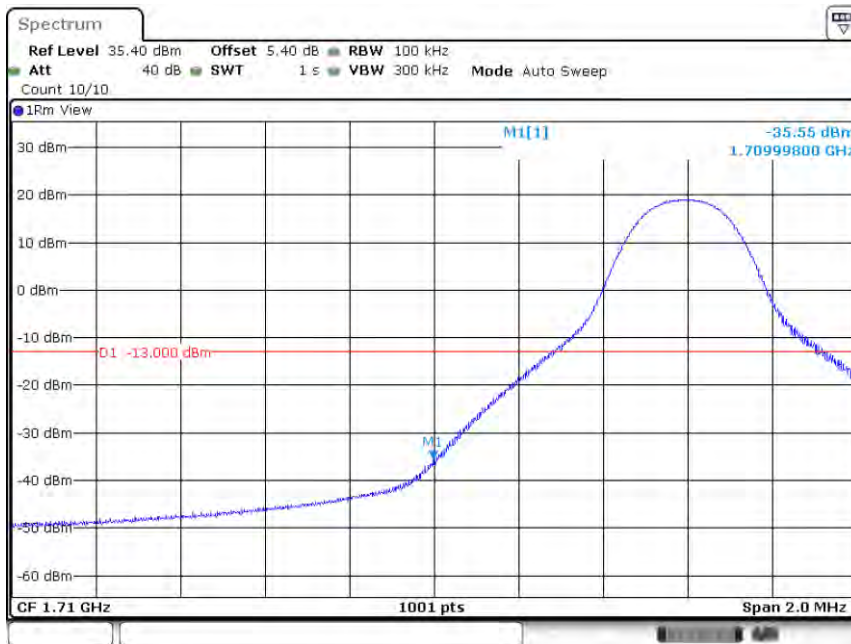
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Band4-10MHz-QPSK-20350-50RB#0



Date: 8.FEB.2021 17:56:32

Band4-10MHz-64QAM-20000-1RB#0



Date: 8.FEB.2021 20:34:19



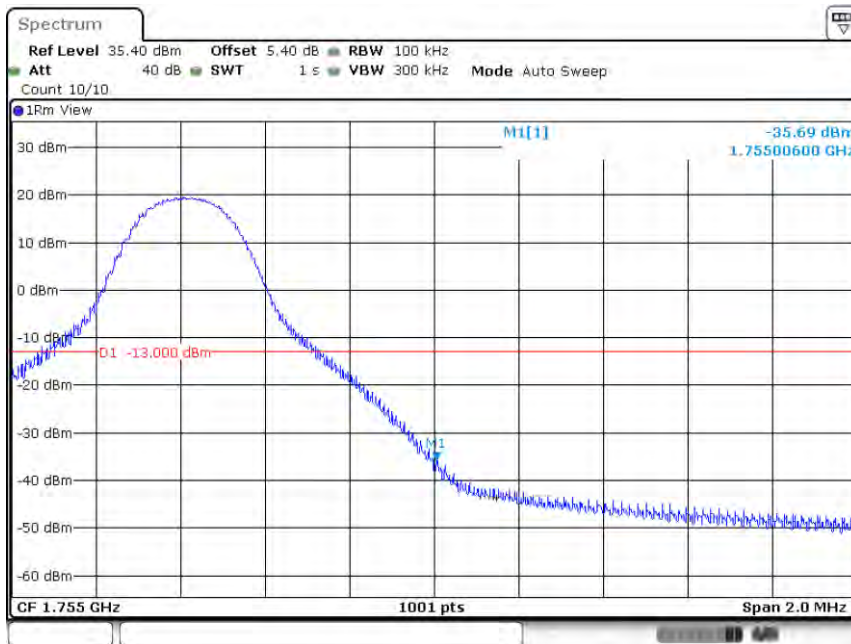
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Band4-10MHz-64QAM-20000-50RB#0



Date: 8.FEB.2021 20:34:40

Band4-10MHz-64QAM-20350-1RB#49



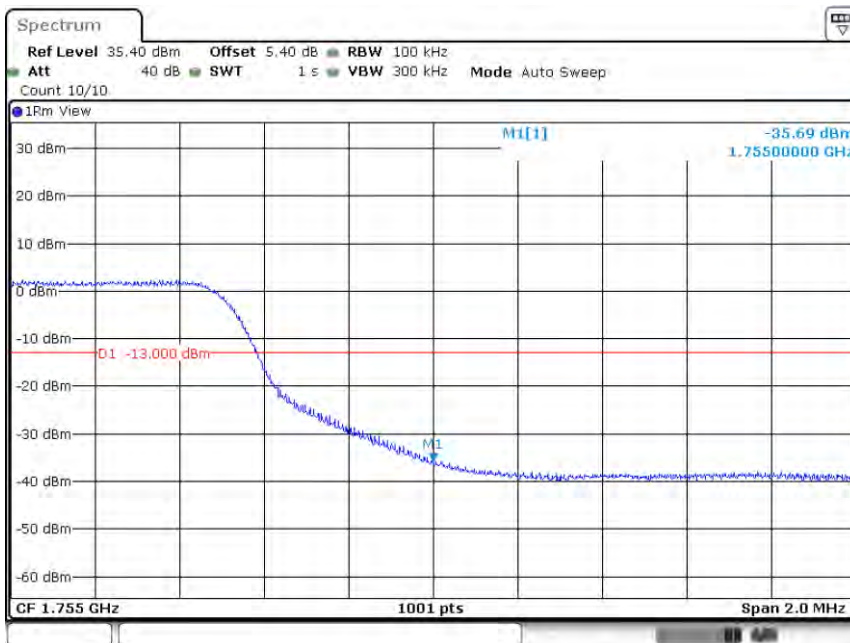
Date: 8.FEB.2021 20:35:05



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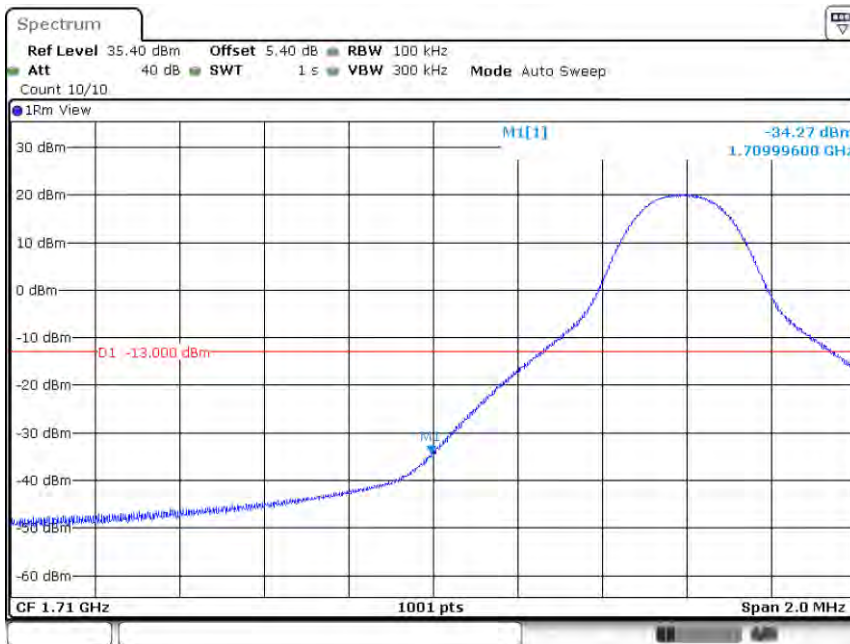


Band4-10MHz-64QAM-20350-50RB#0



Date: 8.FEB.2021 20:35:26

Band4-10MHz-16QAM-20000-1RB#0



Date: 8.FEB.2021 17:54:45



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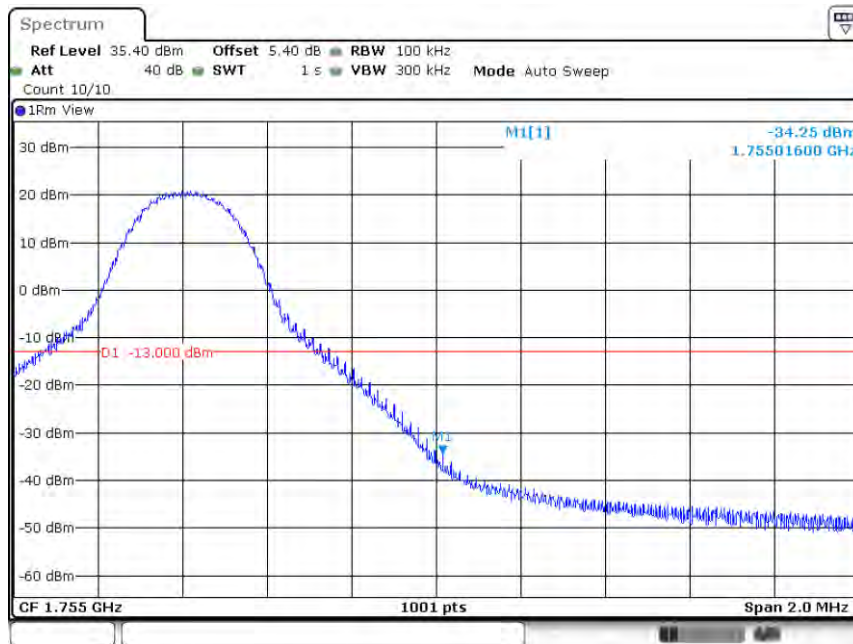
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-10MHz-16QAM-20000-50RB#0



Date: 8.FEB.2021 17:55:26

Band4-10MHz-16QAM-20350-1RB#49



Date: 8.FEB.2021 17:56:12



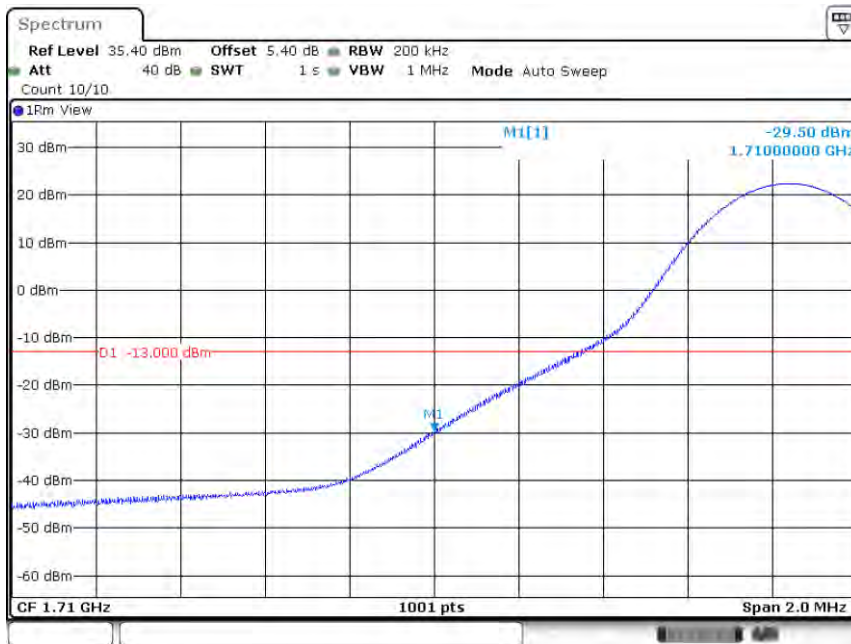
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Band4-10MHz-16QAM-20350-50RB#0



Date: 8.FEB.2021 17:56:53

Band4-15MHz-QPSK-20025-1RB#0



Date: 8.FEB.2021 17:57:19



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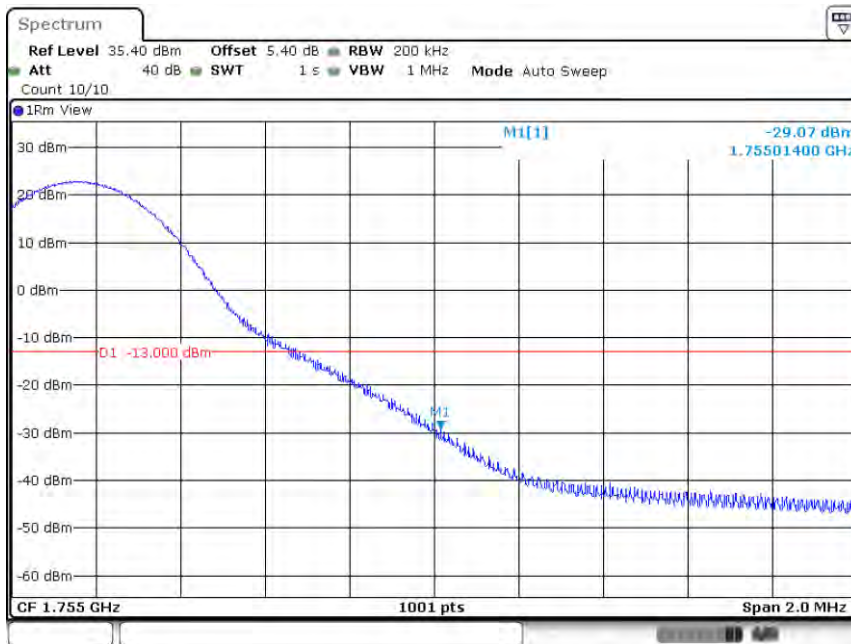


Band4-15MHz-QPSK-20025-75RB#0



Date: 8.FEB.2021 17:58:00

Band4-15MHz-QPSK-20325-1RB#74

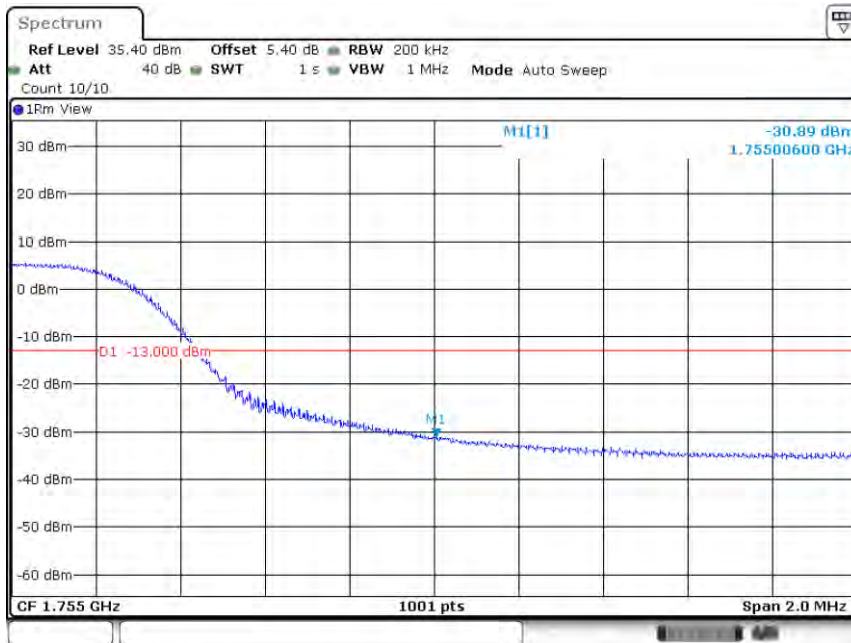


Date: 8.FEB.2021 17:58:45



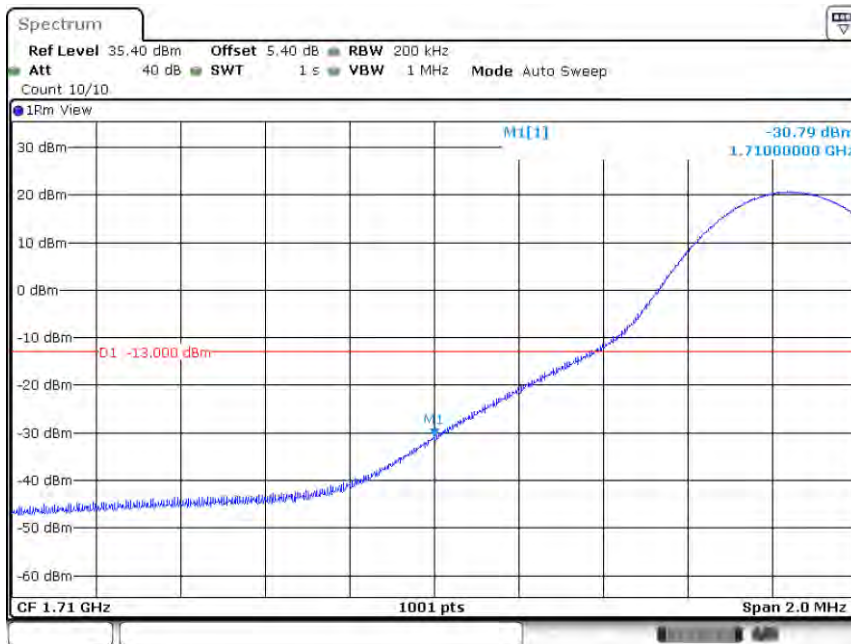
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Band4-15MHz-QPSK-20325-75RB#0



Date: 8.FEB.2021 17:59:26

Band4-15MHz-64QAM-20025-1RB#0



Date: 8.FEB.2021 20:35:53



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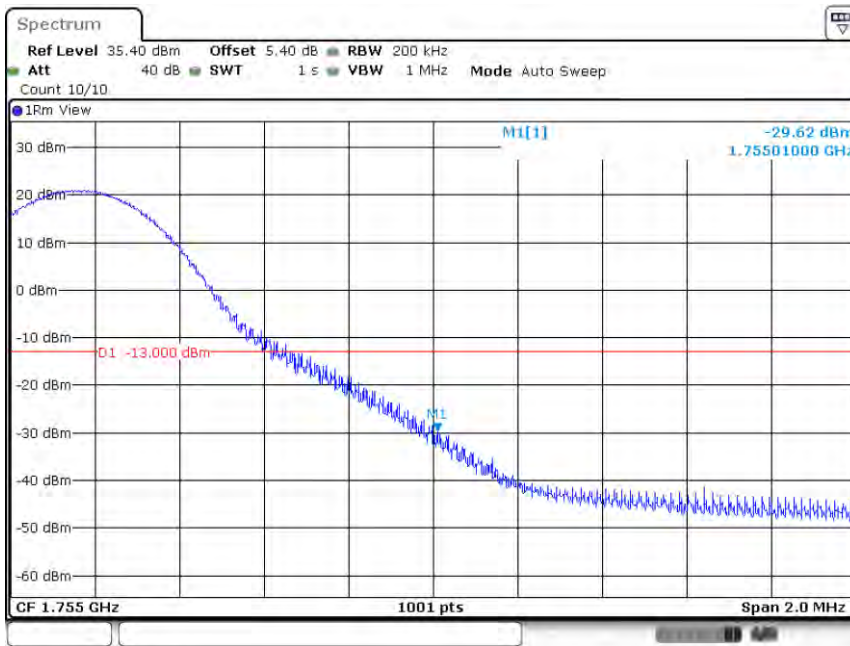


Band4-15MHz-64QAM-20025-75RB#0



Date: 8.FEB.2021 20:36:14

Band4-15MHz-64QAM-20325-1RB#74

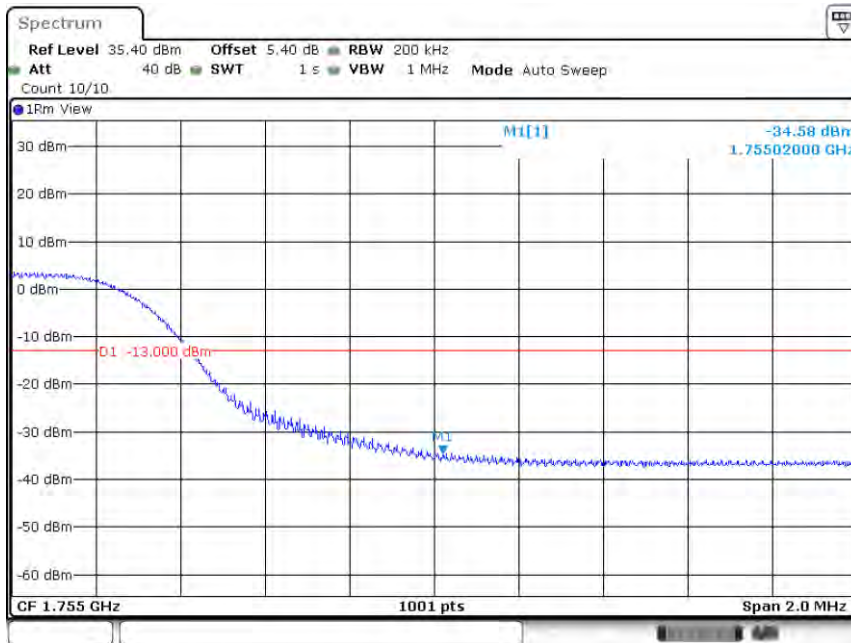


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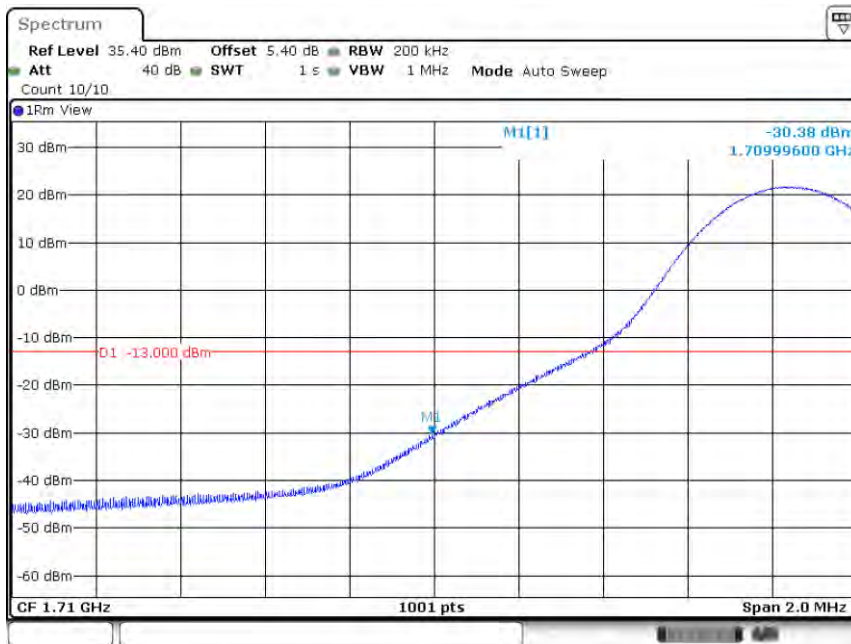
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Band4-15MHz-64QAM-20325-75RB#0



Date: 8.FEB.2021 20:37:00

Band4-15MHz-16QAM-20025-1RB#0



Date: 8.FEB.2021 17:57:39



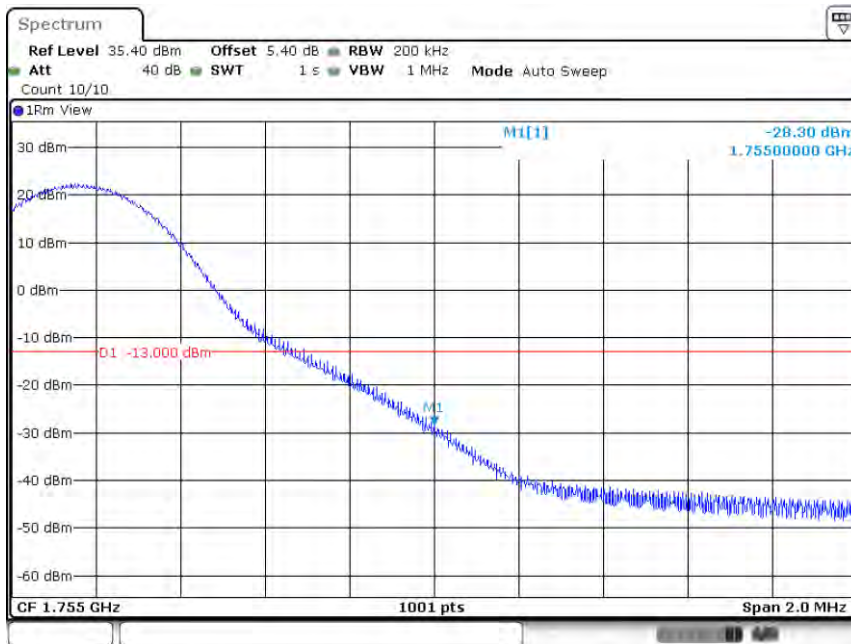
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Band4-15MHz-16QAM-20025-75RB#0



Date: 8.FEB.2021 17:58:20

Band4-15MHz-16QAM-20325-1RB#74



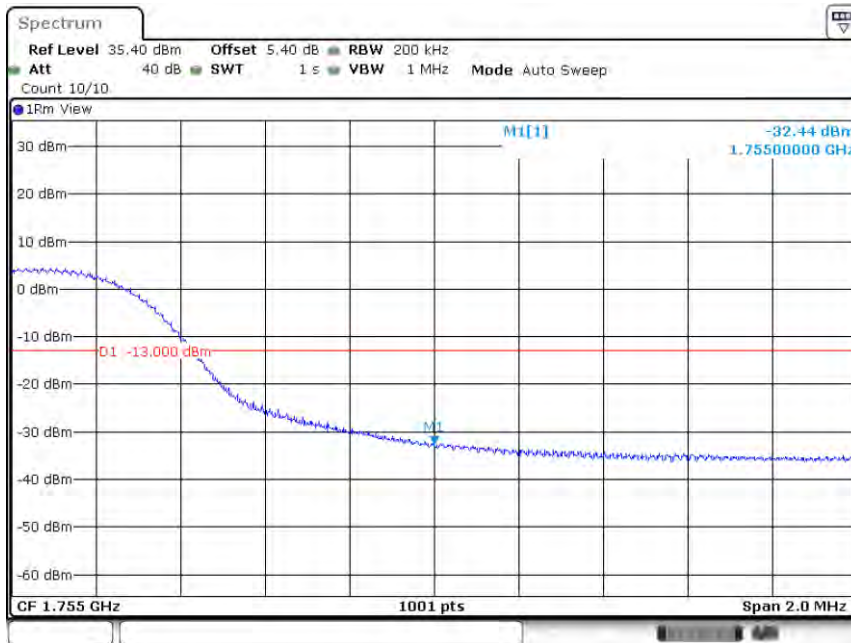
Date: 8.FEB.2021 17:59:06



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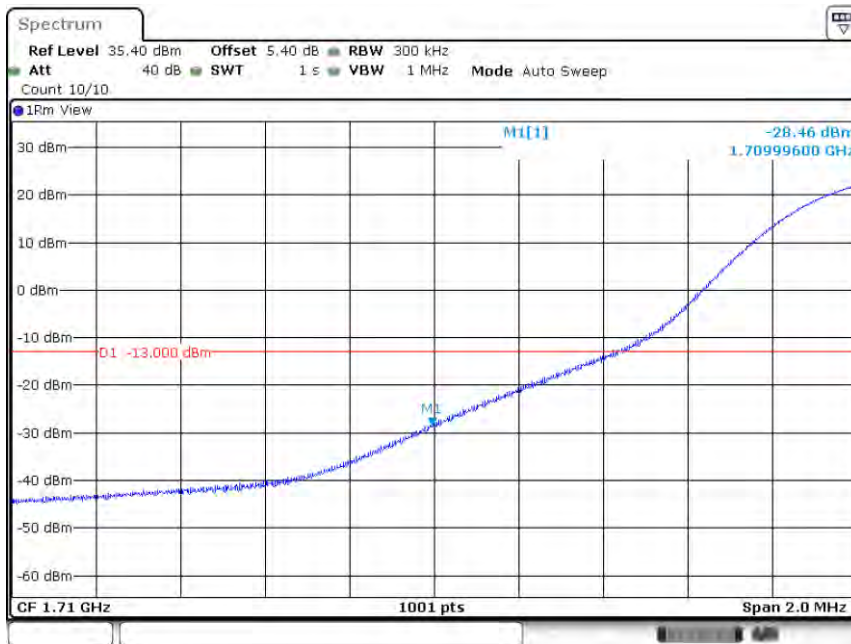


Band4-15MHz-16QAM-20325-75RB#0



Date: 8.FEB.2021 17:59:47

Band4-20MHz-QPSK-20050-1RB#0



Date: 8.FEB.2021 18:00:13



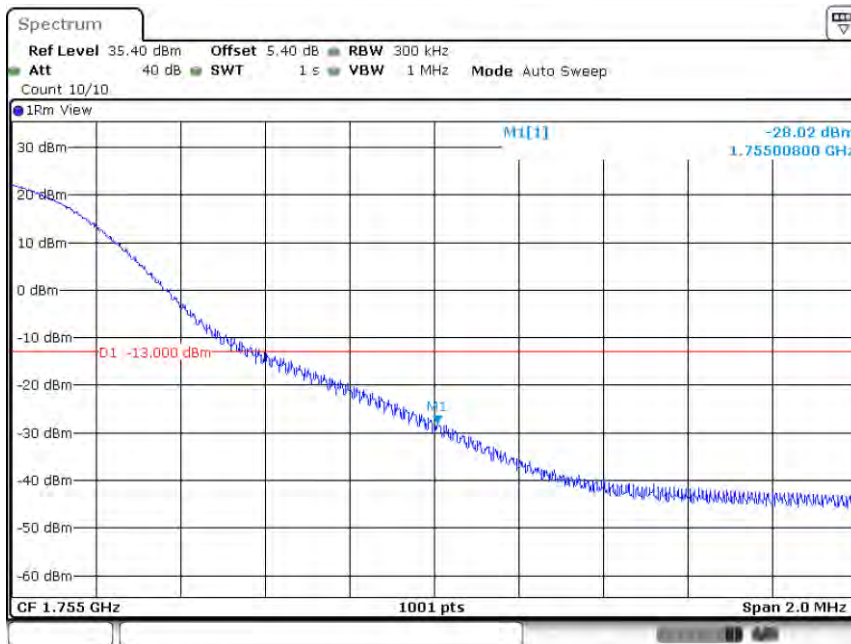
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Band4-20MHz-QPSK-20050-100RB#0



Date: 8.FEB.2021 18:00:54

Band4-20MHz-QPSK-20300-1RB#99



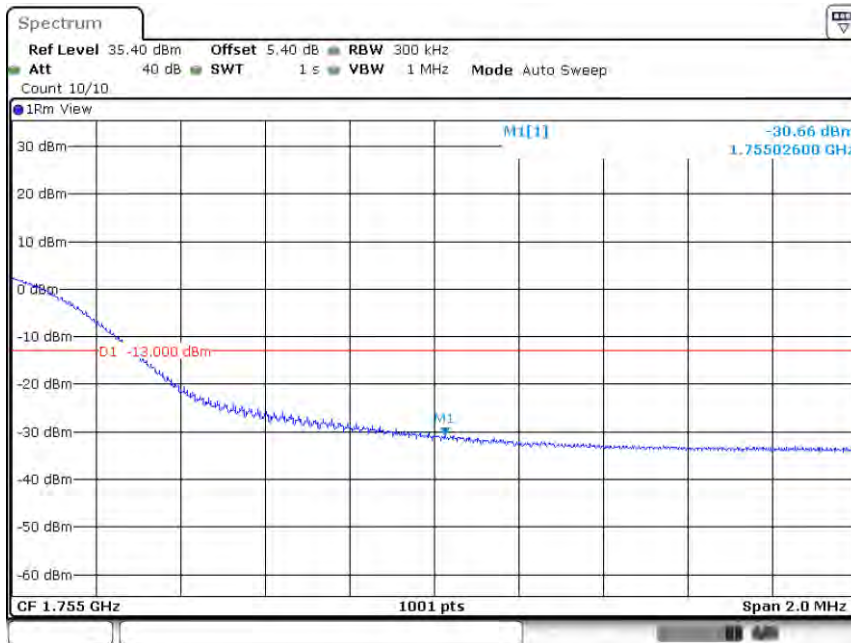
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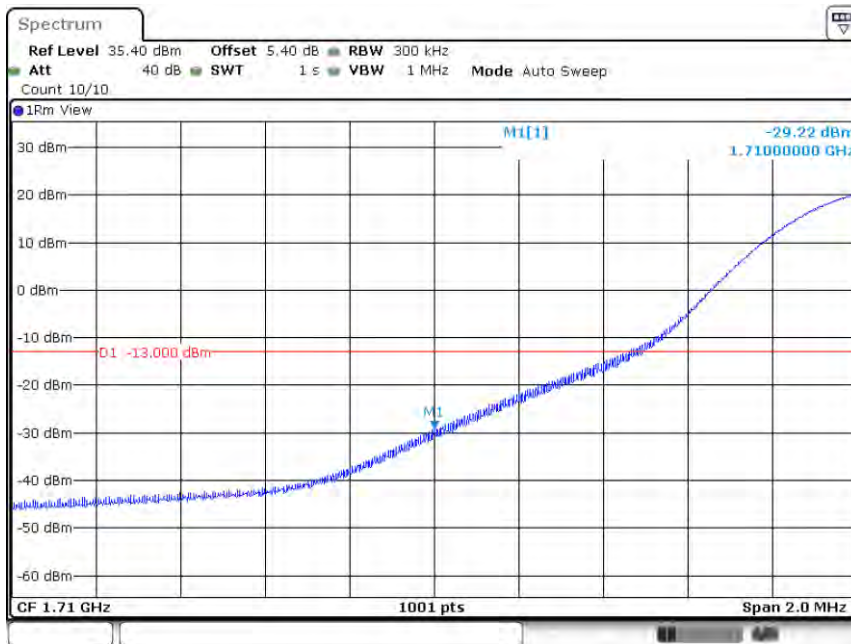


Band4-20MHz-QPSK-20300-100RB#0



Date: 8.FEB.2021 18:02:21

Band4-20MHz-64QAM-20050-1RB#0



Date: 8.FEB.2021 20:37:28



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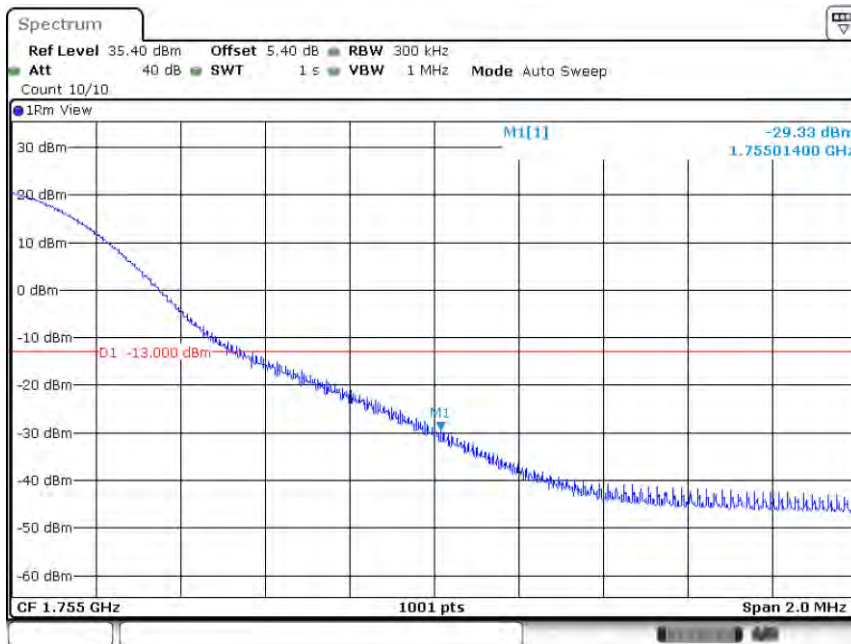
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Band4-20MHz-64QAM-20050-100RB#0



Date: 8.FEB.2021 20:37:48

Band4-20MHz-64QAM-20300-1RB#99

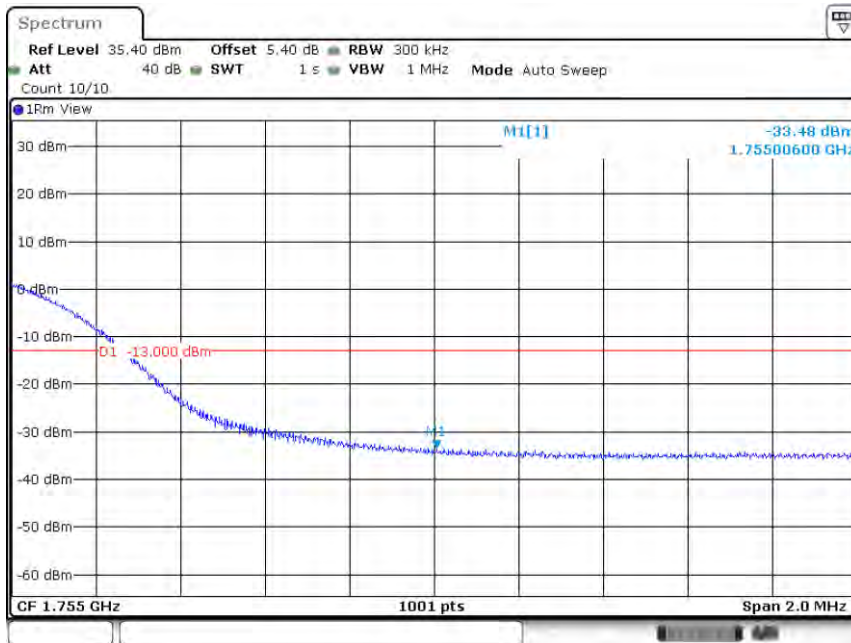


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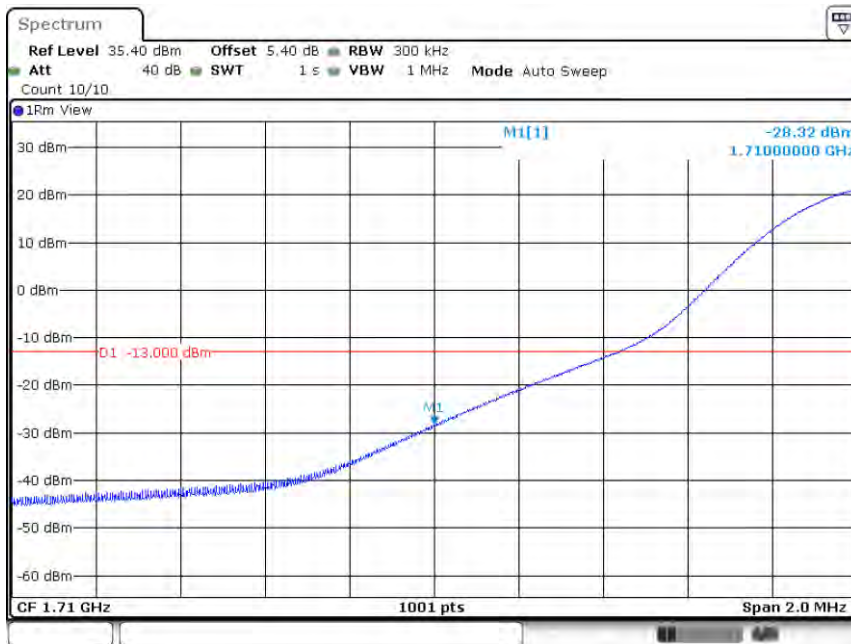
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Band4-20MHz-64QAM-20300-100RB#0



Date: 8.FEB.2021 20:38:34

Band4-20MHz-16QAM-20050-1RB#0



Date: 8.FEB.2021 18:00:34



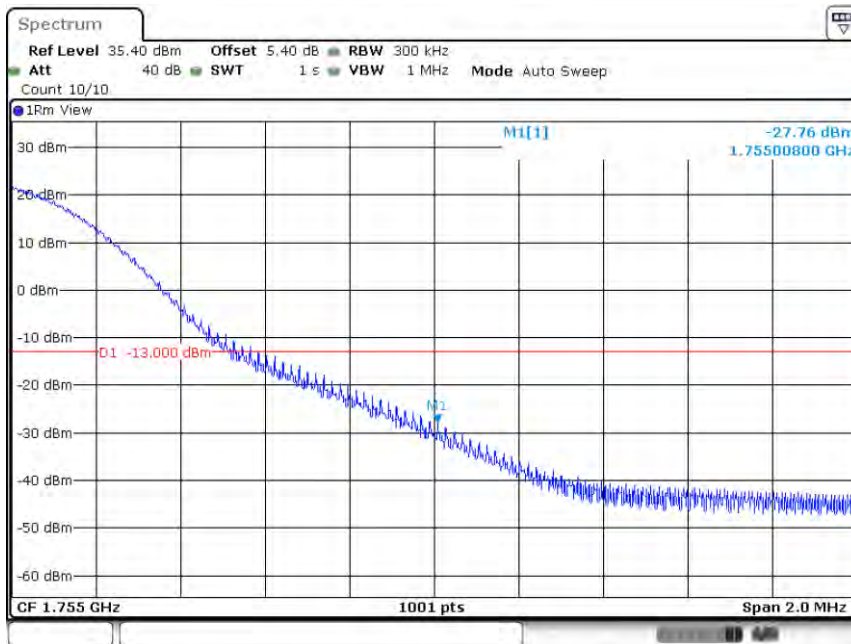
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Band4-20MHz-16QAM-20050-100RB#0



Date: 8.FEB.2021 18:01:15

Band4-20MHz-16QAM-20300-1RB#99



Date: 8.FEB.2021 18:02:00



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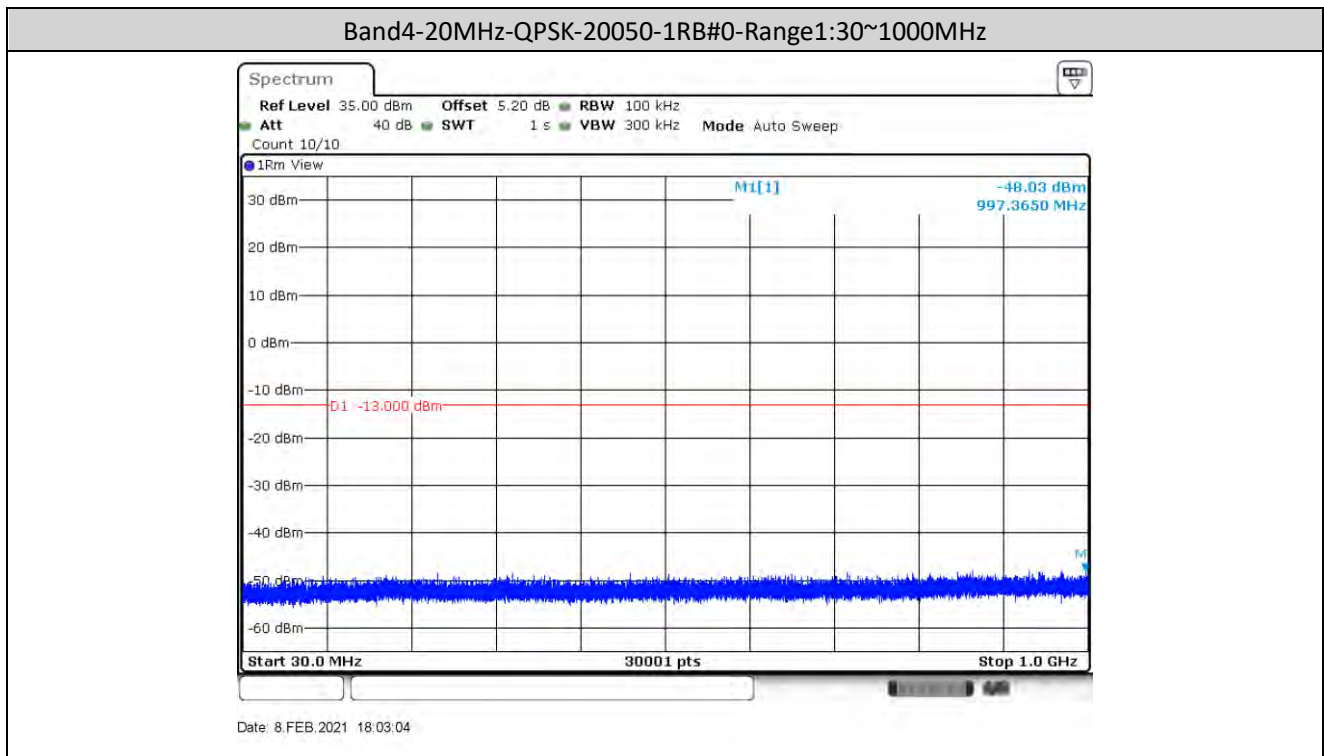
6. Spurious Emission at Antenna Terminal

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: 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.

Remark3: 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 had been displayed.

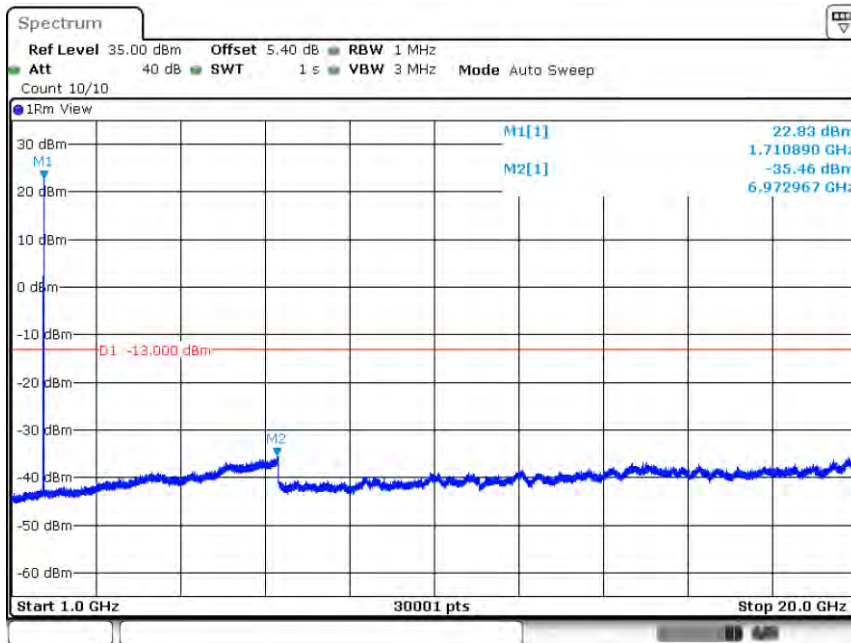
6.1. Test Plots



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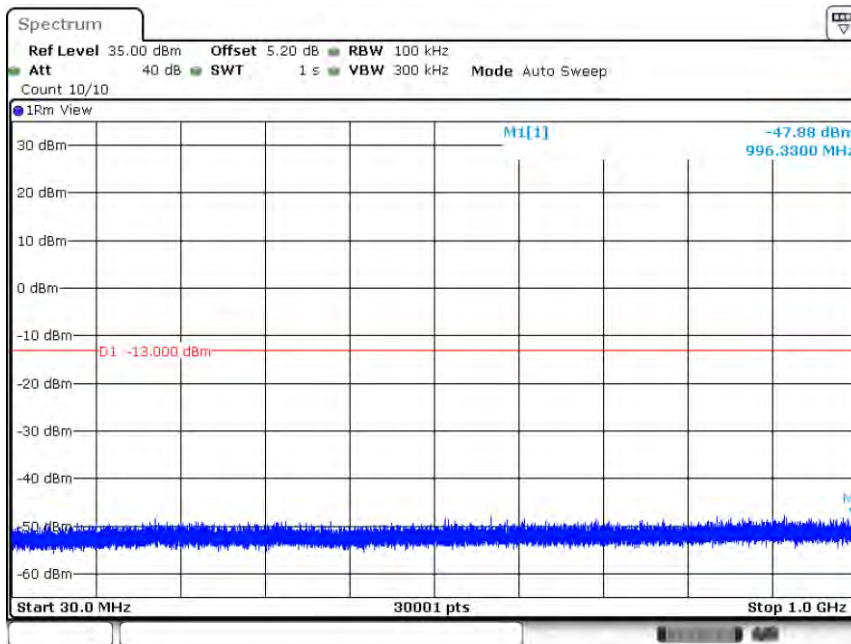
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Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



Date: 8.FEB.2021 18:03:21

Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

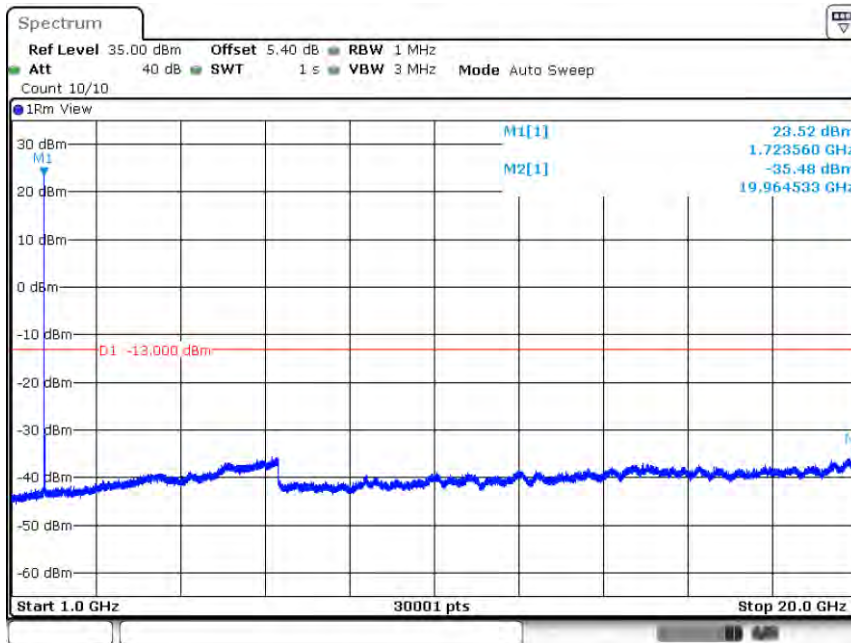


Date: 8.FEB.2021 18:04:14



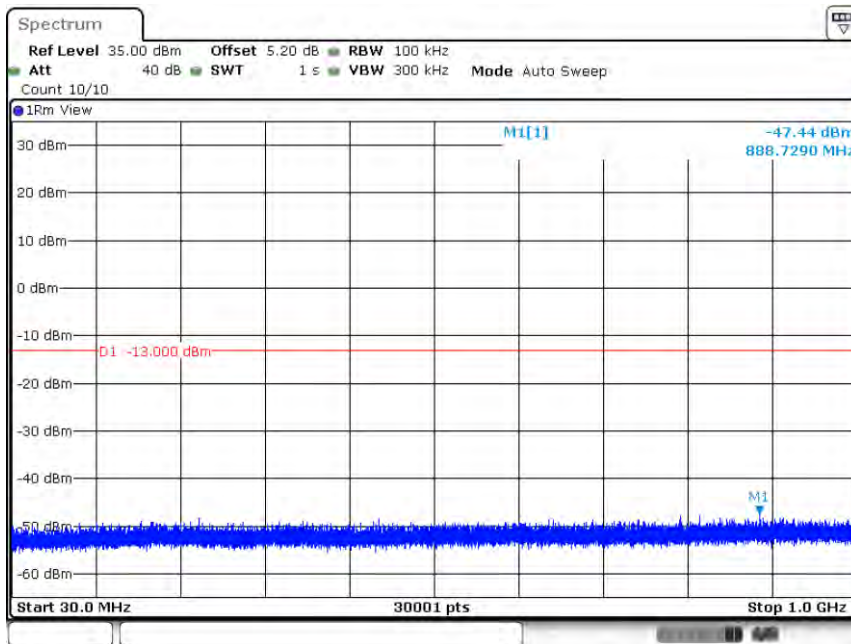
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Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Date: 8.FEB.2021 18:04:31

Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



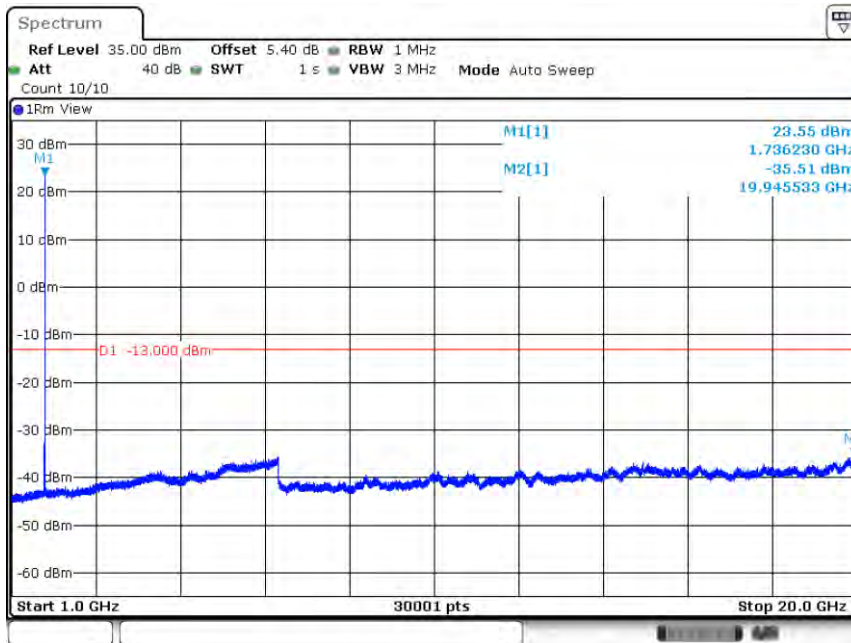
Date: 8.FEB.2021 18:05:24



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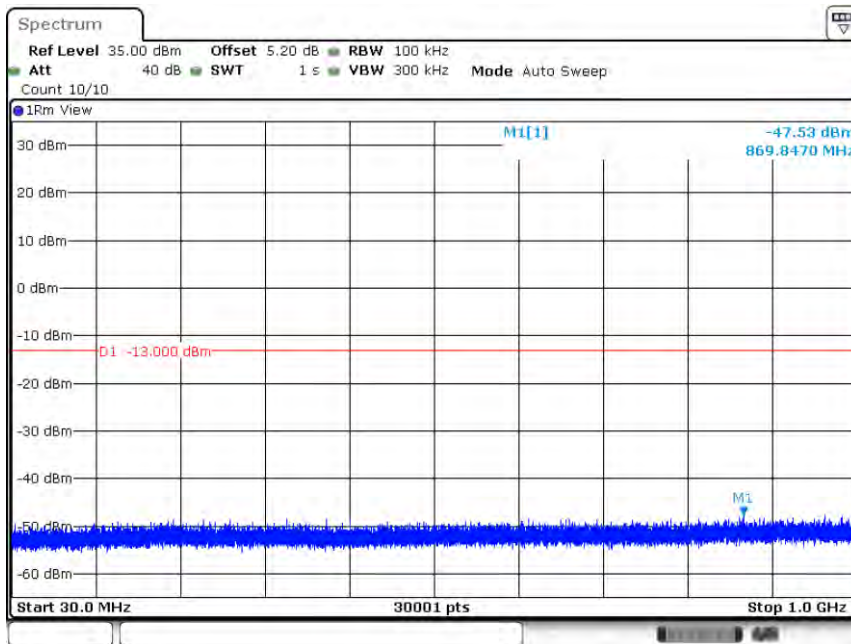
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Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 8.FEB.2021 18:05:41

Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz



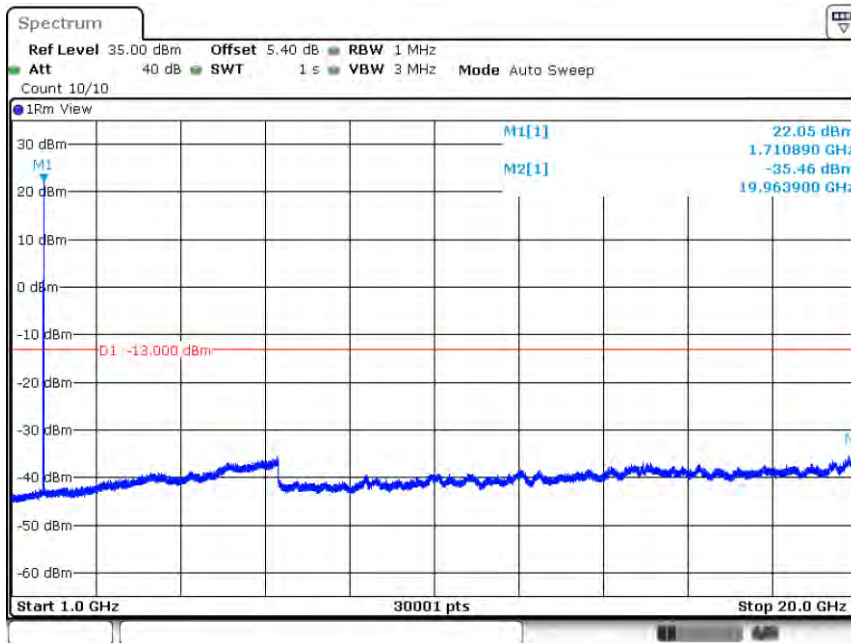
Date: 8.FEB.2021 20:38:58



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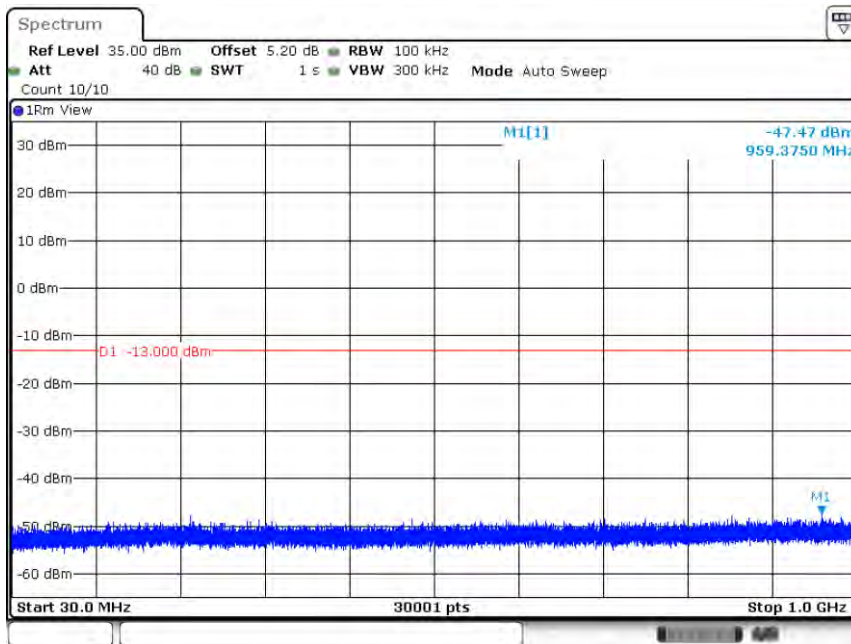
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Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 8.FEB.2021 20:39:15

Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz



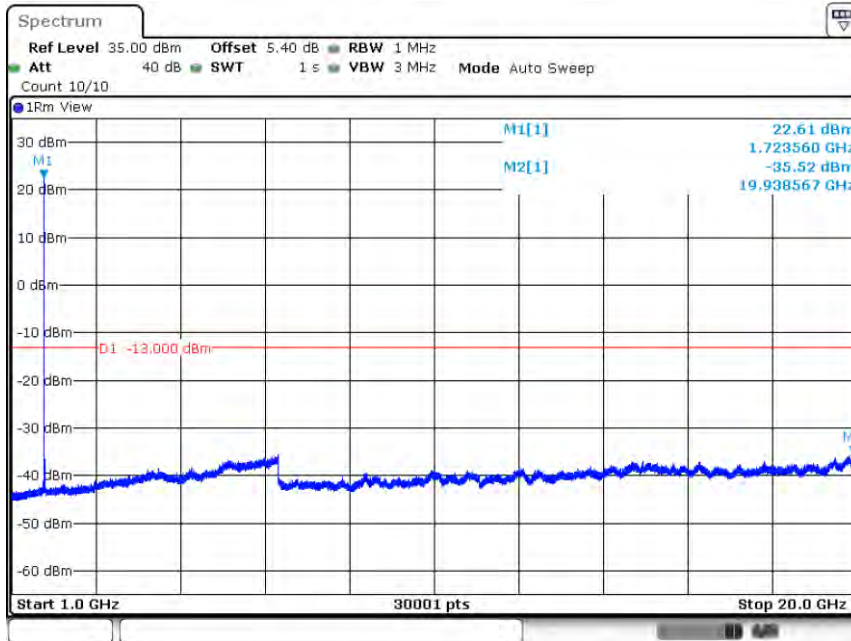
Date: 8.FEB.2021 20:39:33



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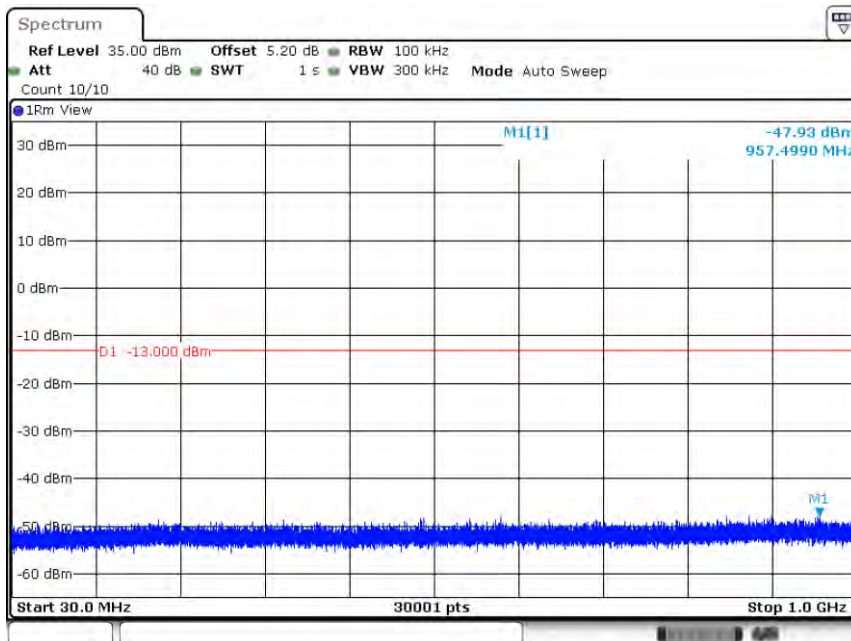
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Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 8.FEB.2021 20:39:50

Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz

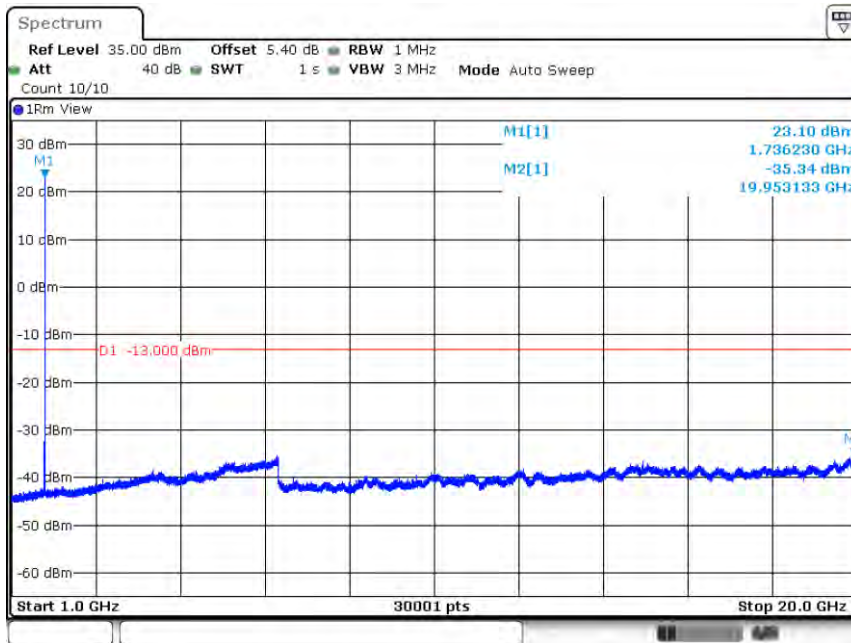


Date: 8.FEB.2021 20:40:09



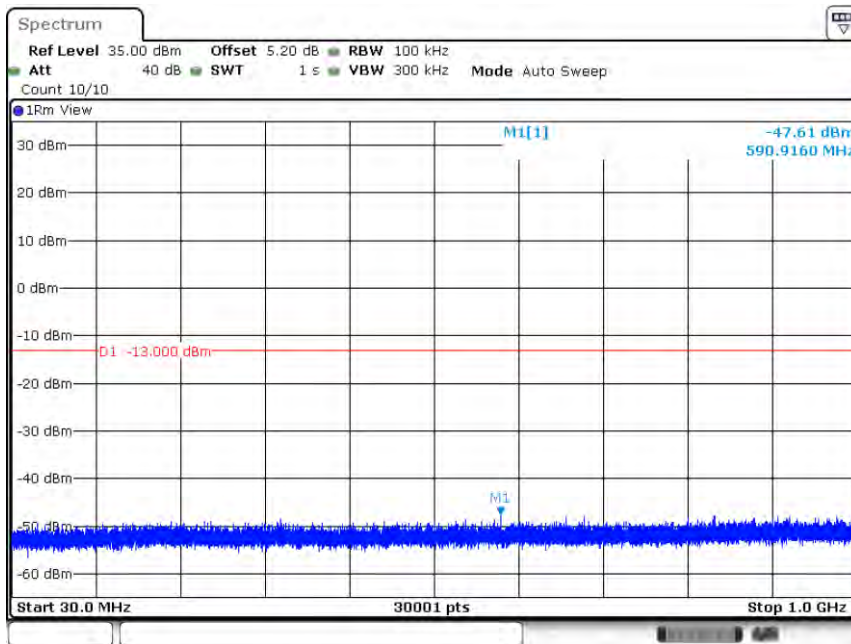
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Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 8.FEB.2021 20:40:25

Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz

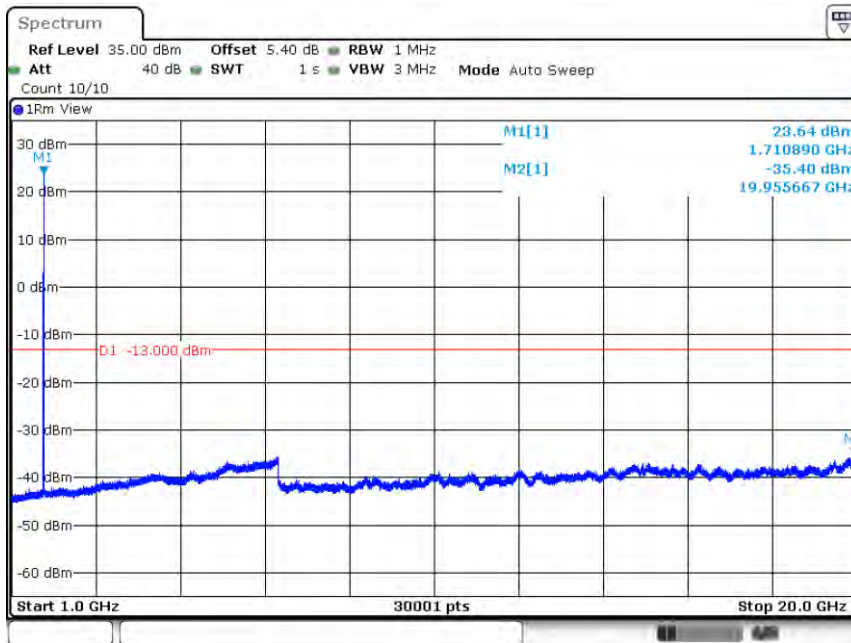


Date: 8.FEB.2021 18:03:39



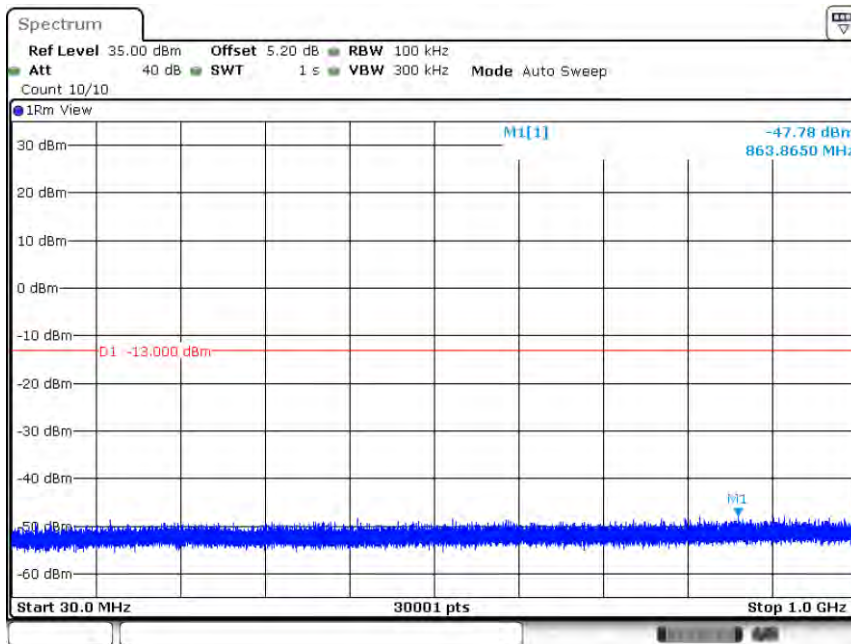
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Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 8.FEB.2021 18:03:55

Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

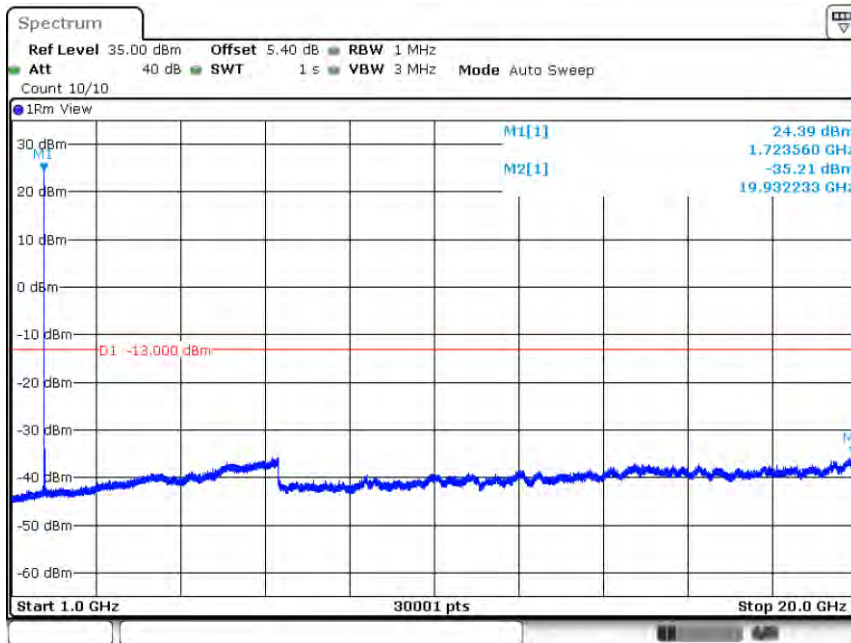


Date: 8.FEB.2021 18:04:49



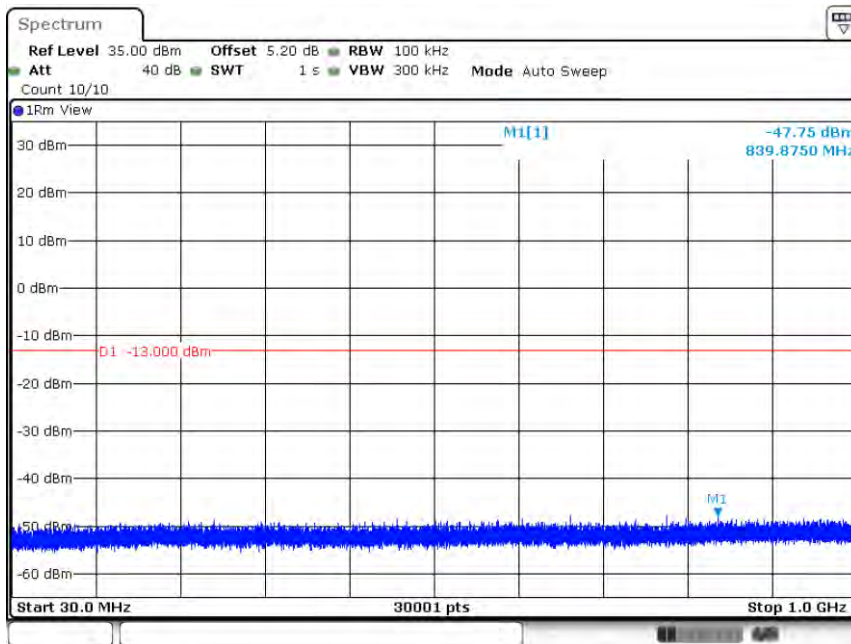
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Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 8.FEB.2021 18:05:06

Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz

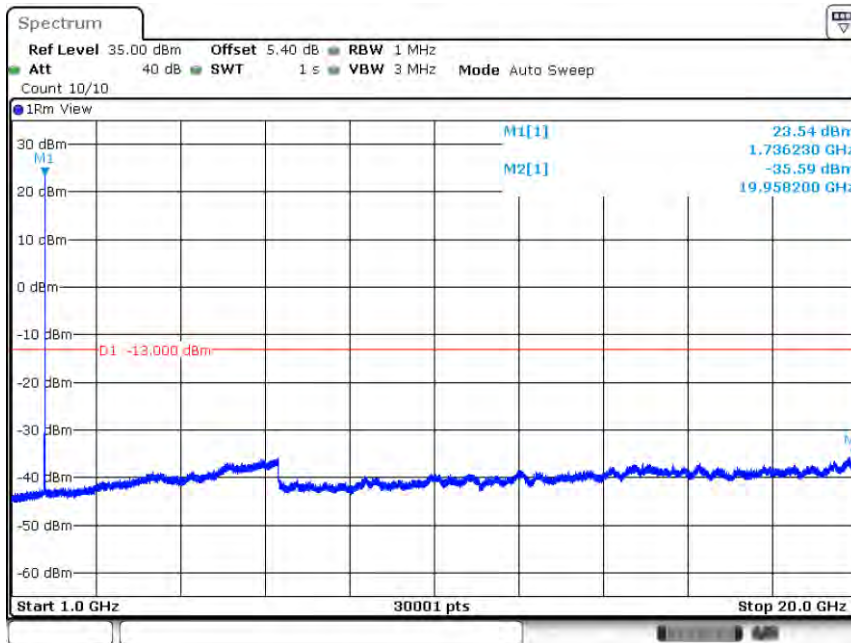


Date: 8.FEB.2021 18:05:59



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Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 8.FEB.2021 18:06:16



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_4_TM1

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.3196	-69.65	-62.77	-13.00	49.77	Horizontal
2	238.9484	-70.81	-68.02	-13.00	55.02	Horizontal
3	3422.0141	-37.37	-47.35	-13.00	34.35	Horizontal
4	5133.0711	-40.72	-47.37	-13.00	34.37	Horizontal
5	6844.1281	-29.01	-31.98	-13.00	18.98	Horizontal
6	8555.6852	-50.64	-49.19	-13.00	36.19	Horizontal



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7.2. Test Band = LTE_4_TM1

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	110.7080	-70.90	-64.55	-13.00	51.55	Vertical
2	3422.0141	-29.87	-41.01	-13.00	28.01	Vertical
3	5133.5711	-35.46	-42.47	-13.00	29.47	Vertical
4	6844.6282	-27.05	-30.05	-13.00	17.05	Vertical
5	8555.6852	-52.24	-50.01	-13.00	37.01	Vertical
6	17994.499	-56.07	-38.33	-13.00	25.33	Vertical



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7.3. Test Band = LTE_4_TM1

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.3681	-69.90	-63.02	-13.00	50.02	Horizontal
2	229.9755	-69.07	-66.24	-13.00	53.24	Horizontal
3	3447.0149	-38.81	-48.45	-13.00	35.45	Horizontal
4	5170.5724	-45.90	-52.60	-13.00	39.60	Horizontal
5	6894.6298	-30.42	-33.39	-13.00	20.39	Horizontal
6	16401.946	-57.26	-42.86	-13.00	29.86	Horizontal



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7.4. Test Band = LTE_4_TM1

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	47.8004	-69.79	-71.46	-13.00	58.46	Vertical
2	109.5440	-71.16	-64.86	-13.00	51.86	Vertical
3	3447.0149	-32.08	-42.88	-13.00	29.88	Vertical
4	5170.5724	-39.45	-46.50	-13.00	33.50	Vertical
5	6894.1298	-29.29	-32.02	-13.00	19.02	Vertical
6	17999.000	-56.52	-38.67	-13.00	25.67	Vertical



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7.5. Test Band = LTE_4_TM1

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.0472	-70.42	-63.50	-13.00	50.50	Horizontal
2	239.2880	-70.69	-67.90	-13.00	54.90	Horizontal
3	3472.0157	-35.84	-45.15	-13.00	32.15	Horizontal
4	5208.0736	-40.05	-46.83	-13.00	33.83	Horizontal
5	6944.1315	-29.41	-31.89	-13.00	18.89	Horizontal
6	8680.6894	-52.37	-49.61	-13.00	36.61	Horizontal



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7.6. Test Band = LTE_4_TM1

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	109.3985	-70.71	-64.44	-13.00	51.44	Vertical
2	3472.0157	-29.47	-39.92	-13.00	26.92	Vertical
3	5208.0736	-32.61	-39.75	-13.00	26.75	Vertical
4	6944.1315	-26.89	-29.43	-13.00	16.43	Vertical
5	10416.747	-53.66	-46.87	-13.00	33.87	Vertical
6	17987.499	-56.81	-39.24	-13.00	26.24	Vertical

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 above 18GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	0.90	0.000523	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	0.80	0.000465	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-1.60	-0.000930	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	0.30	0.000173	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-2.70	-0.001558	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-1.20	-0.000693	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	1.00	0.000573	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-1.20	-0.000688	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	1.20	0.000688	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	0.50	0.000291	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	-1.90	-0.001105	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	-0.90	-0.000523	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	0.70	0.000404	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	-0.10	-0.000058	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	-2.40	-0.001385	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	1.80	0.001032	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	1.10	0.000630	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	-0.30	-0.000172	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-3.70	-0.002151	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-4.30	-0.002500	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	0.60	0.000349	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-3.40	-0.001962	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	-3.20	-0.001847	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	0.20	0.000115	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-0.90	-0.000516	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-0.80	-0.000458	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	0.50	0.000287	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-2.00	-0.001163	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	-0.70	-0.000407	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-0.30	-0.000174	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-0.10	-0.000058	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	0.40	0.000233	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-0.70	-0.000407	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	0.10	0.000058	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	0.00	0.000000	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-1.80	-0.001039	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	0.50	0.000289	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-0.80	-0.000462	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-2.50	-0.001443	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	1.70	0.000981	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	1.20	0.000693	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-1.20	-0.000693	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-1.00	-0.000577	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-0.90	-0.000516	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	0.30	0.000172	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	0.50	0.000287	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	1.20	0.000688	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-0.70	-0.000401	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	0.80	0.000458	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-2.70	-0.001547	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	0.20	0.000115	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	-2.60	-0.001512	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	-0.20	-0.000116	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-10	2.20	0.001279	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	2.40	0.001395	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	-1.80	-0.001047	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	0.60	0.000349	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	-2.90	-0.001686	±2.5	PASS



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Band4	20MHz	64QAM	20050	100RB#0	NV	40	-0.30	-0.000174	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	-0.40	-0.000233	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	0.10	0.000058	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	-3.50	-0.002020	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-10	0.00	0.000000	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	-0.70	-0.000404	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	-1.00	-0.000577	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	-3.20	-0.001847	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	-4.40	-0.002540	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	40	0.10	0.000058	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	-1.60	-0.000924	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	-1.70	-0.000974	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	0.20	0.000115	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-10	-1.60	-0.000917	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	1.10	0.000630	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	1.90	0.001089	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	0.40	0.000229	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	1.60	0.000917	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	0.90	0.000516	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-0.10	-0.000057	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-1.10	-0.000640	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	-0.30	-0.000174	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-0.80	-0.000465	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-1.20	-0.000698	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	1.00	0.000581	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-2.40	-0.001395	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-1.90	-0.001105	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	1.60	0.000930	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-2.20	-0.001270	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-0.30	-0.000173	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	-0.70	-0.000404	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-2.80	-0.001616	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-1.90	-0.001097	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-2.00	-0.001154	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-2.60	-0.001501	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	0.10	0.000058	±2.5	PASS



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Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-0.70	-0.000401	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-2.20	-0.001261	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	1.10	0.000630	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	1.10	0.000630	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-2.30	-0.001318	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-0.70	-0.000401	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	0.70	0.000401	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-3.90	-0.002235	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-1.00	-0.000573	±2.5	PASS



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