



Appendix B

E-UTRA Band 41



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CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER 4

1.1. TEST RESULT 4

2. PEAK-TO-AVERAGE RATIO (CCDF)18

2.1. TEST RESULT 18

2.2. TEST PLOTS..... 18

3. MODULATION CHARACTERISTICS23

3.1. TEST MODE = LTE /TM1 20MHZ..... 23

3.1.1. TEST CHANNEL = MCH..... 23

3.2. TEST MODE = LTE /TM2 20MHZ..... 24

3.2.1. TEST CHANNEL = MCH..... 24

3.3. TEST MODE = LTE /TM3 20MHZ..... 25

3.3.1. TEST CHANNEL = MCH..... 25

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH26

4.1. TEST RESULT 26

4.2. TEST PLOTS..... 28

5. BAND EDGE COMPLIANCE46

5.1. TEST PLOTS..... 46

6. SPURIOUS EMISSION AT ANTENNA TERMINAL71

6.1. TEST PLOTS..... 71

7. FIELD STRENGTH OF SPURIOUS RADIATION81

7.1. Test Band = LTE_41 _TM1 ANT 2 81

7.1.1. Test Channel = Low Channel 81

7.2. Test Band = LTE_41 _TM1 ANT 2 82

7.2.1. Test Channel = Low Channel 82

7.3. Test Band = LTE_41 _TM1 ANT 2 83

7.3.1. Test Channel = Mid Channel 83

7.4. Test Band = LTE_41 _TM1 ANT 2 84

7.4.1. Test Channel = Mid Channel 84

7.5. Test Band = LTE_41 _TM1 ANT 2 85

7.5.1. Test Channel = High Channel 85



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7.6.	Test Band = LTE_41_TM1 ANT 2	86
7.6.1.	Test Channel = High Channel	86
7.7.	Test Band = LTE_41_TM1 ANT 3	87
7.7.1.	Test Channel = Low Channel	87
7.8.	Test Band = LTE_41_TM1 ANT 3	88
7.8.1.	Test Channel = Low Channel	88
7.9.	Test Band = LTE_41_TM1 ANT 3	89
7.9.1.	Test Channel = Mid Channel	89
7.10.	Test Band = LTE_41_TM1 ANT 3	90
7.10.1.	Test Channel = Mid Channel	90
7.11.	Test Band = LTE_41_TM1 ANT 3	91
7.11.1.	Test Channel = High Channel	91
7.12.	Test Band = LTE_41_TM1 ANT 3	92
7.12.1.	Test Channel = High Channel	92
8.	FREQUENCY STABILITY	93
8.1.	FREQUENCY VS VOLTAGE	93
8.2.	FREQUENCY VS TEMPERATURE	94



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT2:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	40065	1RB#0	24.58	22.38	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#12	24.66	22.46	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#24	24.62	22.42	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#0	23.71	21.51	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#6	23.72	21.52	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#13	23.73	21.53	33.00	PASS
Band41	5MHz	QPSK	40065	25RB#0	23.78	21.58	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#0	24.53	22.33	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#12	24.63	22.43	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#24	24.60	22.40	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#0	23.70	21.50	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#6	23.81	21.61	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#13	23.75	21.55	33.00	PASS
Band41	5MHz	QPSK	40640	25RB#0	23.77	21.57	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#0	24.49	22.29	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#12	24.63	22.43	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#24	24.47	22.27	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#0	23.65	21.45	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#6	23.65	21.45	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#13	23.61	21.41	33.00	PASS
Band41	5MHz	QPSK	41215	25RB#0	23.60	21.40	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#0	23.77	21.57	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#12	23.90	21.70	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#24	23.87	21.67	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#0	22.73	20.53	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#6	22.67	20.47	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#13	22.66	20.46	33.00	PASS
Band41	5MHz	16QAM	40065	25RB#0	22.78	20.58	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#0	23.70	21.50	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#12	23.79	21.59	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#24	23.80	21.60	33.00	PASS



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Band41	5MHz	16QAM	40640	12RB#0	22.67	20.47	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#6	22.79	20.59	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#13	22.72	20.52	33.00	PASS
Band41	5MHz	16QAM	40640	25RB#0	22.74	20.54	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#0	23.64	21.44	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#12	23.76	21.56	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#24	23.72	21.52	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#0	22.59	20.39	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#6	22.60	20.40	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#13	22.66	20.46	33.00	PASS
Band41	5MHz	16QAM	41215	25RB#0	22.71	20.51	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#0	22.32	20.12	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#12	22.27	20.07	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#24	22.22	20.02	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#0	21.40	19.20	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#6	21.36	19.16	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#13	21.37	19.17	33.00	PASS
Band41	5MHz	64QAM	40065	25RB#0	21.51	19.31	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#0	22.22	20.02	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#12	22.34	20.14	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#24	22.35	20.15	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#0	21.36	19.16	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#6	21.37	19.17	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#13	21.52	19.32	33.00	PASS
Band41	5MHz	64QAM	40640	25RB#0	21.36	19.16	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#0	22.30	20.10	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#12	22.32	20.12	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#24	22.22	20.02	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#0	21.34	19.14	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#6	21.43	19.23	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#13	21.46	19.26	33.00	PASS
Band41	5MHz	64QAM	41215	25RB#0	21.38	19.18	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#0	24.56	22.36	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#24	24.67	22.47	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#49	24.77	22.57	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#0	23.74	21.54	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#12	23.72	21.52	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#25	23.69	21.49	33.00	PASS



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Band41	10MHz	QPSK	40090	50RB#0	23.80	21.60	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#0	24.57	22.37	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#24	24.51	22.31	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#49	24.41	22.21	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#0	23.68	21.48	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#12	23.69	21.49	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#25	23.74	21.54	33.00	PASS
Band41	10MHz	QPSK	40640	50RB#0	23.73	21.53	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#0	24.45	22.25	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#24	24.60	22.40	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#49	24.54	22.34	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#0	23.66	21.46	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#12	23.67	21.47	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#25	23.72	21.52	33.00	PASS
Band41	10MHz	QPSK	41190	50RB#0	23.70	21.50	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#0	23.68	21.48	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#24	23.78	21.58	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#49	23.80	21.60	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#0	22.62	20.42	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#12	22.70	20.50	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#25	22.74	20.54	33.00	PASS
Band41	10MHz	16QAM	40090	50RB#0	22.80	20.60	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#0	23.70	21.50	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#24	23.72	21.52	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#49	23.69	21.49	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#0	22.66	20.46	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#12	22.67	20.47	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#25	22.67	20.47	33.00	PASS
Band41	10MHz	16QAM	40640	50RB#0	22.72	20.52	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#0	23.70	21.50	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#24	23.57	21.37	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#49	23.58	21.38	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#0	22.53	20.33	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#12	22.73	20.53	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#25	22.56	20.36	33.00	PASS
Band41	10MHz	16QAM	41190	50RB#0	22.76	20.56	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#0	22.07	19.87	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#24	22.02	19.82	33.00	PASS



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Band41	10MHz	64QAM	40090	1RB#49	21.97	19.77	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#0	21.15	18.95	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#12	21.11	18.91	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#25	21.12	18.92	33.00	PASS
Band41	10MHz	64QAM	40090	50RB#0	21.26	19.06	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#0	21.97	19.77	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#24	22.09	19.89	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#49	22.10	19.90	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#0	21.11	18.91	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#12	21.12	18.92	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#25	21.27	19.07	33.00	PASS
Band41	10MHz	64QAM	40640	50RB#0	21.11	18.91	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#0	22.05	19.85	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#24	22.07	19.87	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#49	21.97	19.77	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#0	21.09	18.89	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#12	21.18	18.98	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#25	21.21	19.01	33.00	PASS
Band41	10MHz	64QAM	41190	50RB#0	21.13	18.93	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#0	24.56	22.36	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#38	24.59	22.39	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#74	24.52	22.32	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#0	23.66	21.46	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#18	23.70	21.50	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#37	23.69	21.49	33.00	PASS
Band41	15MHz	QPSK	40115	75RB#0	23.72	21.52	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#0	24.54	22.34	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#38	24.46	22.26	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#74	24.54	22.34	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#0	23.69	21.49	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#18	23.61	21.41	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#37	23.69	21.49	33.00	PASS
Band41	15MHz	QPSK	40640	75RB#0	23.61	21.41	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#0	24.47	22.27	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#38	24.44	22.24	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#74	24.55	22.35	33.00	PASS
Band41	15MHz	QPSK	41165	38RB#0	23.62	21.42	33.00	PASS
Band41	15MHz	QPSK	41165	38RB#18	23.61	21.41	33.00	PASS



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Band41	15MHz	QPSK	41165	38RB#37	23.63	21.43	33.00	PASS
Band41	15MHz	QPSK	41165	75RB#0	23.62	21.42	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#0	23.85	21.65	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#38	23.74	21.54	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#74	23.78	21.58	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#0	22.69	20.49	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#18	22.64	20.44	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#37	22.68	20.48	33.00	PASS
Band41	15MHz	16QAM	40115	75RB#0	22.81	20.61	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#0	23.80	21.60	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#38	23.75	21.55	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#74	23.75	21.55	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#0	22.58	20.38	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#18	22.64	20.44	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#37	22.62	20.42	33.00	PASS
Band41	15MHz	16QAM	40640	75RB#0	22.70	20.50	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#0	23.62	21.42	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#38	23.59	21.39	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#74	23.78	21.58	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#0	22.56	20.36	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#18	22.50	20.30	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#37	22.55	20.35	33.00	PASS
Band41	15MHz	16QAM	41165	75RB#0	22.71	20.51	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#0	22.21	20.01	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#38	22.33	20.13	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#74	22.22	20.02	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#0	21.42	19.22	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#18	21.41	19.21	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#37	21.54	19.34	33.00	PASS
Band41	15MHz	64QAM	40115	75RB#0	21.33	19.13	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#0	22.38	20.18	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#38	22.29	20.09	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#74	22.25	20.05	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#0	21.49	19.29	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#18	21.57	19.37	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#37	21.48	19.28	33.00	PASS
Band41	15MHz	64QAM	40640	75RB#0	21.41	19.21	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#0	22.27	20.07	33.00	PASS



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Band41	15MHz	64QAM	41165	1RB#38	22.33	20.13	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#74	22.36	20.16	33.00	PASS
Band41	15MHz	64QAM	41165	38RB#0	21.34	19.14	33.00	PASS
Band41	15MHz	64QAM	41165	38RB#18	21.32	19.12	33.00	PASS
Band41	15MHz	64QAM	41165	38RB#37	21.38	19.18	33.00	PASS
Band41	15MHz	64QAM	41165	75RB#0	21.50	19.30	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#0	24.46	22.26	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#49	24.52	22.32	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#99	24.50	22.30	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#0	23.62	21.42	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#25	23.74	21.54	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#50	23.70	21.50	33.00	PASS
Band41	20MHz	QPSK	40140	100RB#0	23.69	21.49	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#0	24.52	22.32	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#49	24.52	22.32	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#99	24.61	22.41	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#0	23.58	21.38	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#25	23.72	21.52	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#50	23.67	21.47	33.00	PASS
Band41	20MHz	QPSK	40640	100RB#0	23.63	21.43	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#0	24.61	22.41	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#49	24.36	22.16	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#99	24.51	22.31	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#0	23.62	21.42	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#25	23.48	21.28	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#50	23.63	21.43	33.00	PASS
Band41	20MHz	QPSK	41140	100RB#0	23.49	21.29	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#0	23.69	21.49	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#49	23.67	21.47	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#99	23.64	21.44	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#0	22.76	20.56	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#25	22.83	20.63	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#50	22.68	20.48	33.00	PASS
Band41	20MHz	16QAM	40140	100RB#0	22.77	20.57	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#0	23.87	21.67	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#49	23.67	21.47	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#99	23.76	21.56	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#0	22.63	20.43	33.00	PASS



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Band41	20MHz	16QAM	40640	50RB#25	22.73	20.53	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#50	22.74	20.54	33.00	PASS
Band41	20MHz	16QAM	40640	100RB#0	22.71	20.51	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#0	23.82	21.62	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#49	23.58	21.38	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#99	23.65	21.45	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#0	22.68	20.48	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#25	22.58	20.38	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#50	22.61	20.41	33.00	PASS
Band41	20MHz	16QAM	41140	100RB#0	22.53	20.33	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#0	22.61	20.41	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#49	22.66	20.46	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#99	22.58	20.38	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#0	21.89	19.69	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#25	21.86	19.66	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#50	21.92	19.72	33.00	PASS
Band41	20MHz	64QAM	40140	100RB#0	21.72	19.52	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#0	22.64	20.44	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#49	22.65	20.45	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#99	22.65	20.45	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#0	21.83	19.63	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#25	21.86	19.66	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#50	21.73	19.53	33.00	PASS
Band41	20MHz	64QAM	40640	100RB#0	21.68	19.48	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#0	22.71	20.51	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#49	22.73	20.53	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#99	22.72	20.52	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#0	21.92	19.72	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#25	21.88	19.68	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#50	21.76	19.56	33.00	PASS
Band41	20MHz	64QAM	41140	100RB#0	21.66	19.46	33.00	PASS



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ANT5:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	40065	1RB#0	21.96	20.76	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#12	22.01	20.81	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#24	21.98	20.78	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#0	21.09	19.89	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#6	21.17	19.97	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#13	21.14	19.94	33.00	PASS
Band41	5MHz	QPSK	40065	25RB#0	21.07	19.87	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#0	21.91	20.71	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#12	22.03	20.83	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#24	21.89	20.69	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#0	21.04	19.84	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#6	21.10	19.90	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#13	21.14	19.94	33.00	PASS
Band41	5MHz	QPSK	40640	25RB#0	21.07	19.87	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#0	21.87	20.67	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#12	21.94	20.74	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#24	21.80	20.60	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#0	20.96	19.76	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#6	21.05	19.85	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#13	21.00	19.80	33.00	PASS
Band41	5MHz	QPSK	41215	25RB#0	20.99	19.79	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#0	21.03	19.83	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#12	21.22	20.02	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#24	21.22	20.02	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#0	20.08	18.88	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#6	20.14	18.94	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#13	20.11	18.91	33.00	PASS
Band41	5MHz	16QAM	40065	25RB#0	20.15	18.95	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#0	20.97	19.77	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#12	21.19	19.99	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#24	21.17	19.97	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#0	20.07	18.87	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#6	20.13	18.93	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#13	20.03	18.83	33.00	PASS
Band41	5MHz	16QAM	40640	25RB#0	20.09	18.89	33.00	PASS



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Band41	5MHz	16QAM	41215	1RB#0	20.91	19.71	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#12	21.12	19.92	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#24	21.00	19.80	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#0	20.00	18.80	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#6	20.01	18.81	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#13	19.97	18.77	33.00	PASS
Band41	5MHz	16QAM	41215	25RB#0	20.01	18.81	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#0	20.41	19.21	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#12	20.31	19.11	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#24	20.42	19.22	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#0	19.38	18.18	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#6	19.47	18.27	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#13	19.57	18.37	33.00	PASS
Band41	5MHz	64QAM	40065	25RB#0	19.58	18.38	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#0	20.39	19.19	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#12	20.49	19.29	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#24	20.32	19.12	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#0	19.34	18.14	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#6	19.32	18.12	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#13	19.33	18.13	33.00	PASS
Band41	5MHz	64QAM	40640	25RB#0	19.31	18.11	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#0	20.43	19.23	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#12	20.32	19.12	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#24	20.32	19.12	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#0	19.49	18.29	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#6	19.39	18.19	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#13	19.46	18.26	33.00	PASS
Band41	5MHz	64QAM	41215	25RB#0	19.33	18.13	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#0	21.97	20.77	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#24	21.97	20.77	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#49	22.12	20.92	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#0	21.09	19.89	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#12	21.14	19.94	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#25	21.08	19.88	33.00	PASS
Band41	10MHz	QPSK	40090	50RB#0	21.16	19.96	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#0	21.94	20.74	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#24	22.07	20.87	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#49	22.05	20.85	33.00	PASS



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Band41	10MHz	QPSK	40640	25RB#0	21.08	19.88	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#12	21.18	19.98	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#25	21.08	19.88	33.00	PASS
Band41	10MHz	QPSK	40640	50RB#0	21.12	19.92	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#0	21.88	20.68	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#24	21.79	20.59	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#49	21.84	20.64	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#0	21.03	19.83	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#12	21.02	19.82	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#25	20.99	19.79	33.00	PASS
Band41	10MHz	QPSK	41190	50RB#0	21.00	19.80	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#0	21.01	19.81	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#24	21.01	19.81	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#49	21.10	19.90	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#0	20.05	18.85	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#12	20.07	18.87	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#25	20.13	18.93	33.00	PASS
Band41	10MHz	16QAM	40090	50RB#0	20.12	18.92	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#0	21.06	19.86	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#24	21.01	19.81	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#49	21.05	19.85	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#0	20.02	18.82	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#12	20.07	18.87	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#25	20.08	18.88	33.00	PASS
Band41	10MHz	16QAM	40640	50RB#0	20.12	18.92	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#0	21.03	19.83	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#24	20.89	19.69	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#49	21.02	19.82	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#0	20.07	18.87	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#12	19.96	18.76	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#25	19.89	18.69	33.00	PASS
Band41	10MHz	16QAM	41190	50RB#0	20.02	18.82	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#0	20.40	19.20	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#24	20.39	19.19	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#49	20.44	19.24	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#0	19.47	18.27	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#12	19.47	18.27	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#25	19.46	18.26	33.00	PASS



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Band41	10MHz	64QAM	40090	50RB#0	19.38	18.18	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#0	20.43	19.23	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#24	20.37	19.17	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#49	20.32	19.12	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#0	19.44	18.24	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#12	19.38	18.18	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#25	19.46	18.26	33.00	PASS
Band41	10MHz	64QAM	40640	50RB#0	19.57	18.37	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#0	20.40	19.20	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#24	20.37	19.17	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#49	20.47	19.27	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#0	19.39	18.19	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#12	19.59	18.39	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#25	19.54	18.34	33.00	PASS
Band41	10MHz	64QAM	41190	50RB#0	19.57	18.37	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#0	22.02	20.82	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#38	22.05	20.85	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#74	21.98	20.78	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#0	21.07	19.87	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#18	21.12	19.92	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#37	21.16	19.96	33.00	PASS
Band41	15MHz	QPSK	40115	75RB#0	21.05	19.85	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#0	21.88	20.68	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#38	21.88	20.68	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#74	22.03	20.83	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#0	20.90	19.70	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#18	20.92	19.72	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#37	20.98	19.78	33.00	PASS
Band41	15MHz	QPSK	40640	75RB#0	20.94	19.74	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#0	21.83	20.63	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#38	21.67	20.47	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#74	21.92	20.72	33.00	PASS
Band41	15MHz	QPSK	41165	38RB#0	20.97	19.77	33.00	PASS
Band41	15MHz	QPSK	41165	38RB#18	20.90	19.70	33.00	PASS
Band41	15MHz	QPSK	41165	38RB#37	20.95	19.75	33.00	PASS
Band41	15MHz	QPSK	41165	75RB#0	20.96	19.76	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#0	21.16	19.96	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#38	21.19	19.99	33.00	PASS



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Band41	15MHz	16QAM	40115	1RB#74	21.05	19.85	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#0	19.99	18.79	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#18	20.08	18.88	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#37	20.07	18.87	33.00	PASS
Band41	15MHz	16QAM	40115	75RB#0	20.11	18.91	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#0	21.09	19.89	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#38	20.97	19.77	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#74	21.12	19.92	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#0	19.85	18.65	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#18	19.93	18.73	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#37	19.99	18.79	33.00	PASS
Band41	15MHz	16QAM	40640	75RB#0	20.08	18.88	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#0	21.00	19.80	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#38	20.86	19.66	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#74	20.95	19.75	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#0	19.88	18.68	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#18	19.94	18.74	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#37	19.93	18.73	33.00	PASS
Band41	15MHz	16QAM	41165	75RB#0	19.98	18.78	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#0	20.50	19.30	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#38	20.46	19.26	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#74	20.43	19.23	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#0	19.33	18.13	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#18	19.60	18.40	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#37	19.59	18.39	33.00	PASS
Band41	15MHz	64QAM	40115	75RB#0	19.38	18.18	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#0	20.46	19.26	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#38	20.31	19.11	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#74	20.42	19.22	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#0	19.52	18.32	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#18	19.55	18.35	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#37	19.45	18.25	33.00	PASS
Band41	15MHz	64QAM	40640	75RB#0	19.54	18.34	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#0	20.37	19.17	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#38	20.49	19.29	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#74	20.45	19.25	33.00	PASS
Band41	15MHz	64QAM	41165	38RB#0	19.39	18.19	33.00	PASS
Band41	15MHz	64QAM	41165	38RB#18	19.60	18.40	33.00	PASS



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Band41	15MHz	64QAM	41165	38RB#37	19.31	18.11	33.00	PASS
Band41	15MHz	64QAM	41165	75RB#0	19.59	18.39	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#0	21.98	20.78	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#49	21.87	20.67	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#99	21.90	20.70	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#0	21.15	19.95	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#25	21.05	19.85	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#50	21.11	19.91	33.00	PASS
Band41	20MHz	QPSK	40140	100RB#0	21.11	19.91	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#0	21.89	20.69	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#49	21.85	20.65	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#99	21.97	20.77	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#0	21.00	19.80	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#25	21.02	19.82	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#50	21.10	19.90	33.00	PASS
Band41	20MHz	QPSK	40640	100RB#0	21.01	19.81	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#0	21.89	20.69	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#49	21.74	20.54	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#99	21.70	20.50	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#0	20.88	19.68	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#25	20.87	19.67	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#50	20.91	19.71	33.00	PASS
Band41	20MHz	QPSK	41140	100RB#0	20.89	19.69	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#0	21.14	19.94	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#49	21.08	19.88	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#99	21.02	19.82	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#0	20.04	18.84	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#25	20.05	18.85	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#50	20.11	18.91	33.00	PASS
Band41	20MHz	16QAM	40140	100RB#0	20.10	18.90	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#0	21.15	19.95	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#49	21.03	19.83	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#99	21.14	19.94	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#0	20.01	18.81	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#25	20.12	18.92	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#50	20.13	18.93	33.00	PASS
Band41	20MHz	16QAM	40640	100RB#0	20.09	18.89	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#0	21.00	19.80	33.00	PASS



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Band41	20MHz	16QAM	41140	1RB#49	20.96	19.76	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#99	20.82	19.62	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#0	19.95	18.75	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#25	19.98	18.78	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#50	19.91	18.71	33.00	PASS
Band41	20MHz	16QAM	41140	100RB#0	19.94	18.74	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#0	20.41	19.21	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#49	20.33	19.13	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#99	20.49	19.29	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#0	19.51	18.31	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#25	19.43	18.23	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#50	19.41	18.21	33.00	PASS
Band41	20MHz	64QAM	40140	100RB#0	19.32	18.12	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#0	20.46	19.26	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#49	20.35	19.15	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#99	20.50	19.30	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#0	19.32	18.12	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#25	19.31	18.11	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#50	19.45	18.25	33.00	PASS
Band41	20MHz	64QAM	40640	100RB#0	19.47	18.27	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#0	20.43	19.23	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#49	20.31	19.11	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#99	20.39	19.19	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#0	19.40	18.20	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#25	19.40	18.20	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#50	19.43	18.23	33.00	PASS
Band41	20MHz	64QAM	41140	100RB#0	19.58	18.38	33.00	PASS

Remark:

1. For Ant1& Ant2 & Ant3 & Ant5, the whole testing has assessed Ant2 & Ant5 by referring to the higher conducted power.
2. The Maximum ERP/EIRP is calculated from Max Output power and Max antenna gain, only the maximum ERP/EIRP is shown in the report
3. 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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 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

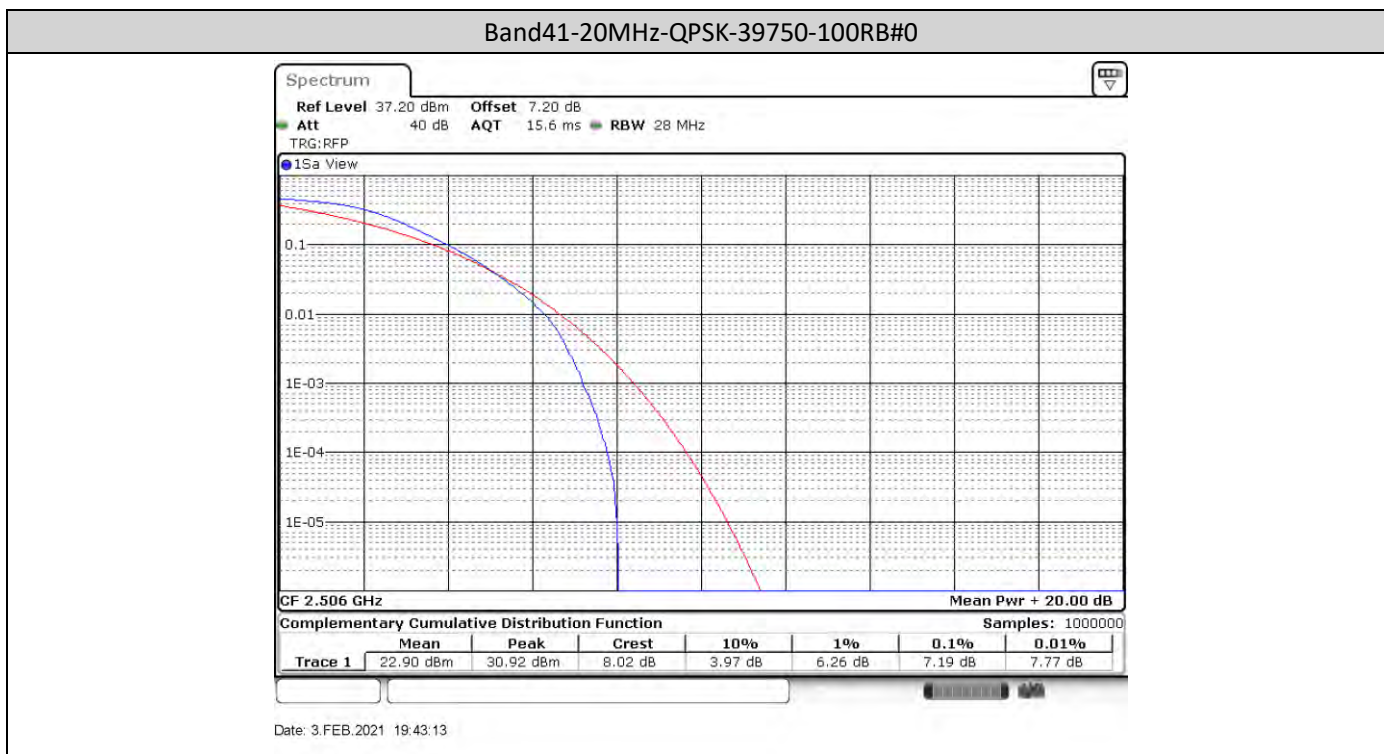


2. Peak-to-Average Ratio (CCDF)

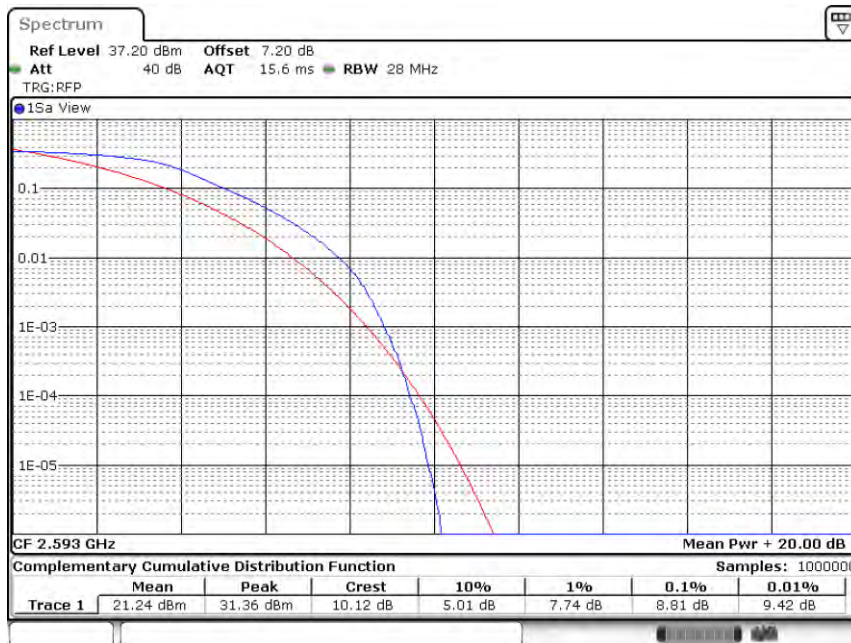
2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	7.19	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.81	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.96	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	6.87	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	9.39	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	9.54	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.39	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.39	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.42	13	PASS

2.2. Test Plots

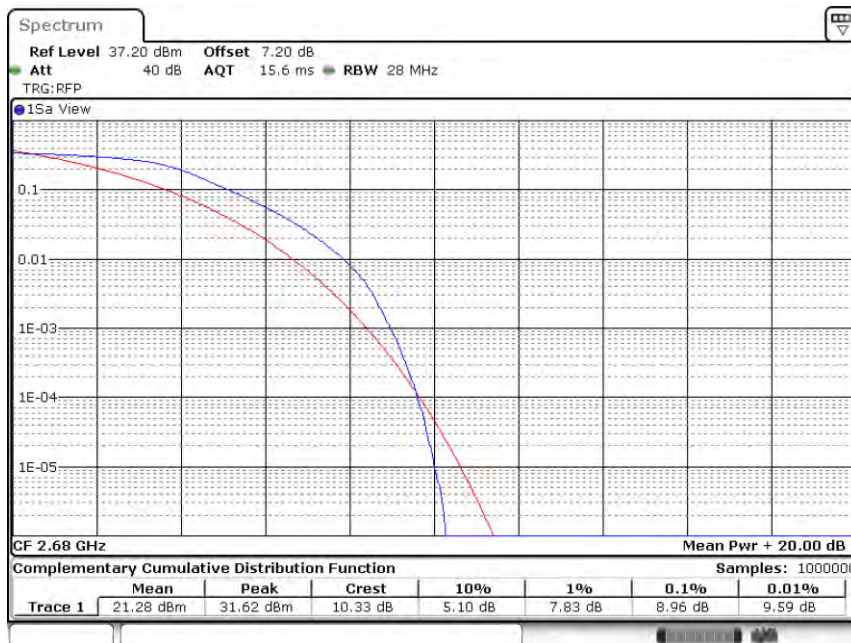


Band41-20MHz-QPSK-40620-100RB#0



Date: 3.FEB.2021 19:43:36

Band41-20MHz-QPSK-41490-100RB#0

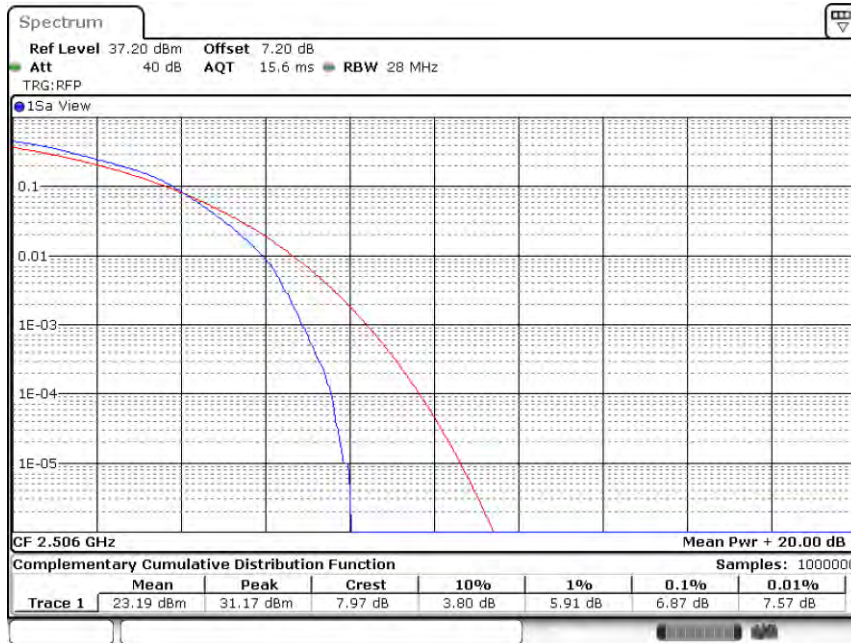


Date: 3.FEB.2021 19:43:59



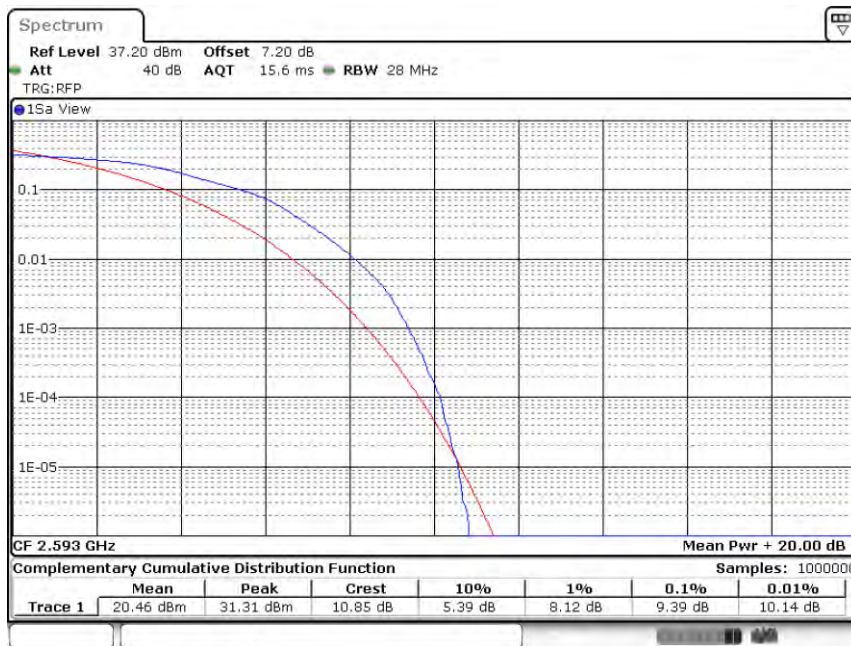
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Band41-20MHz-64QAM-39750-100RB#0



Date: 3.FEB.2021 19:57:10

Band41-20MHz-64QAM-40620-100RB#0



Date: 3.FEB.2021 19:57:22



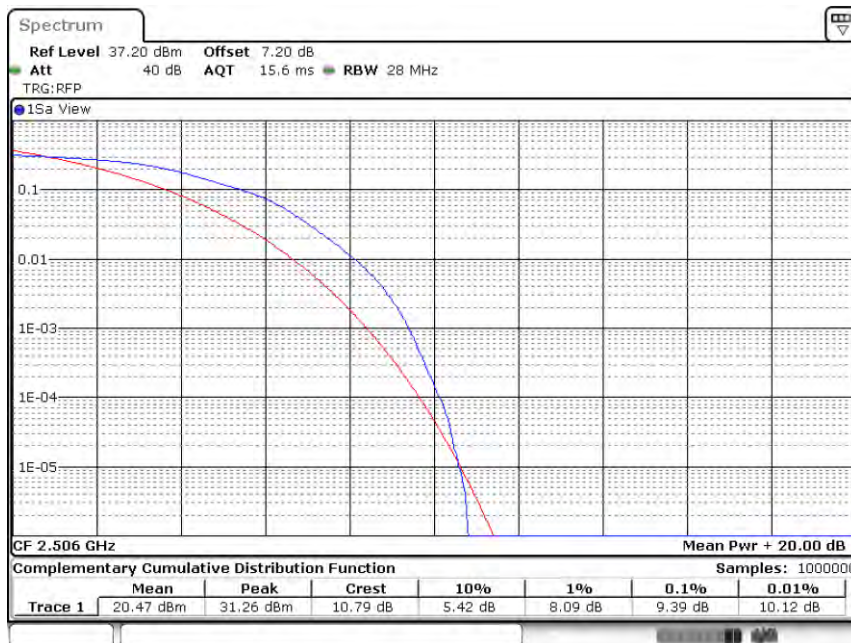
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Band41-20MHz-64QAM-41490-100RB#0



Date: 3.FEB.2021 19:57:34

Band41-20MHz-16QAM-39750-100RB#0



Date: 3.FEB.2021 19:43:24



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Band41-20MHz-16QAM-40620-100RB#0



Date: 3.FEB.2021 19:43:47

Band41-20MHz-16QAM-41490-100RB#0



Date: 3.FEB.2021 19:44:10

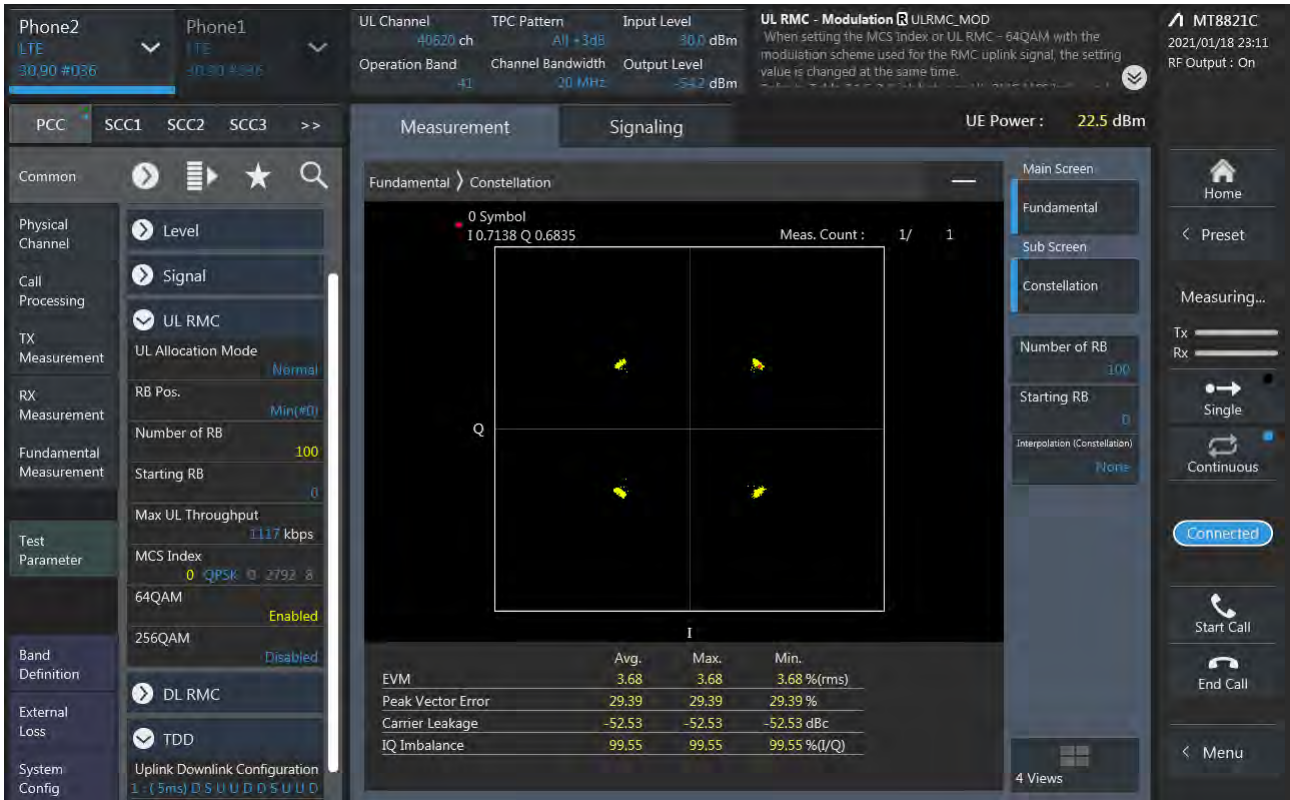


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3. Modulation Characteristics

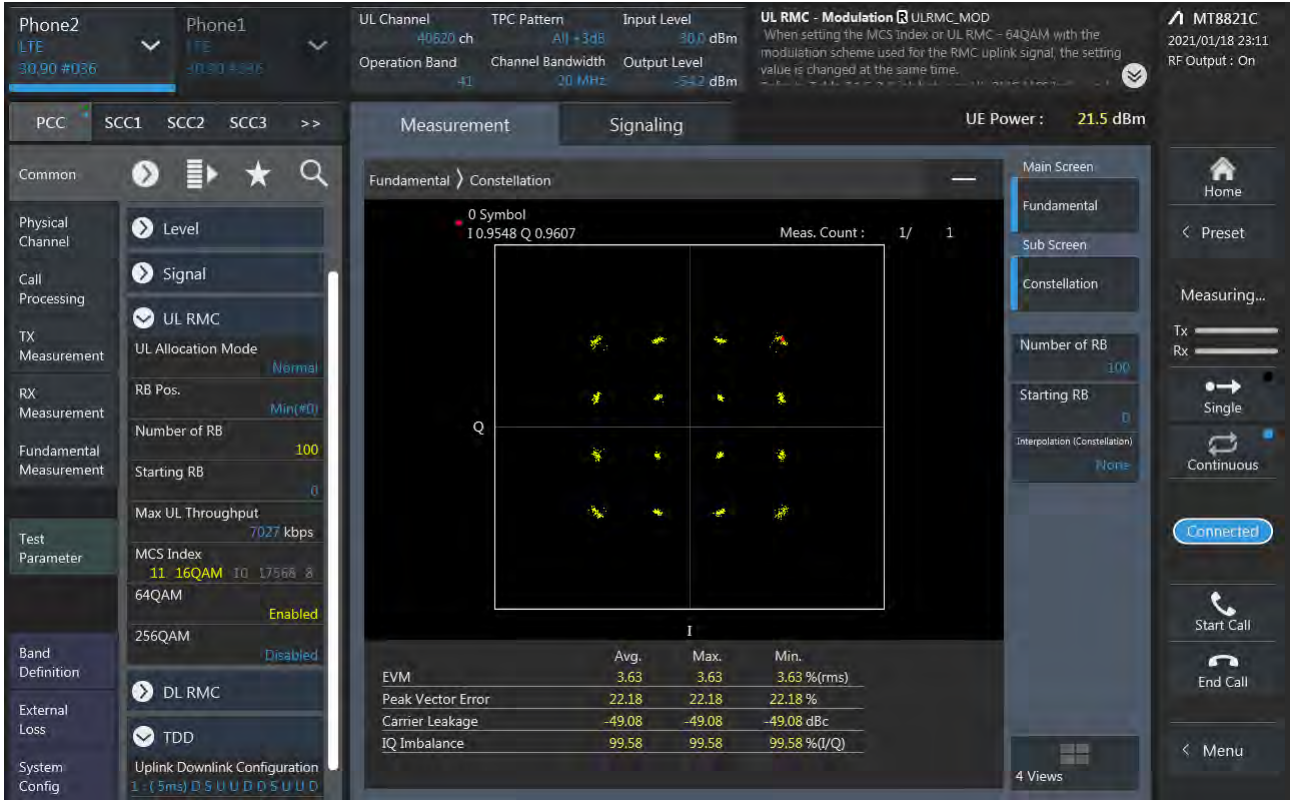
3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH

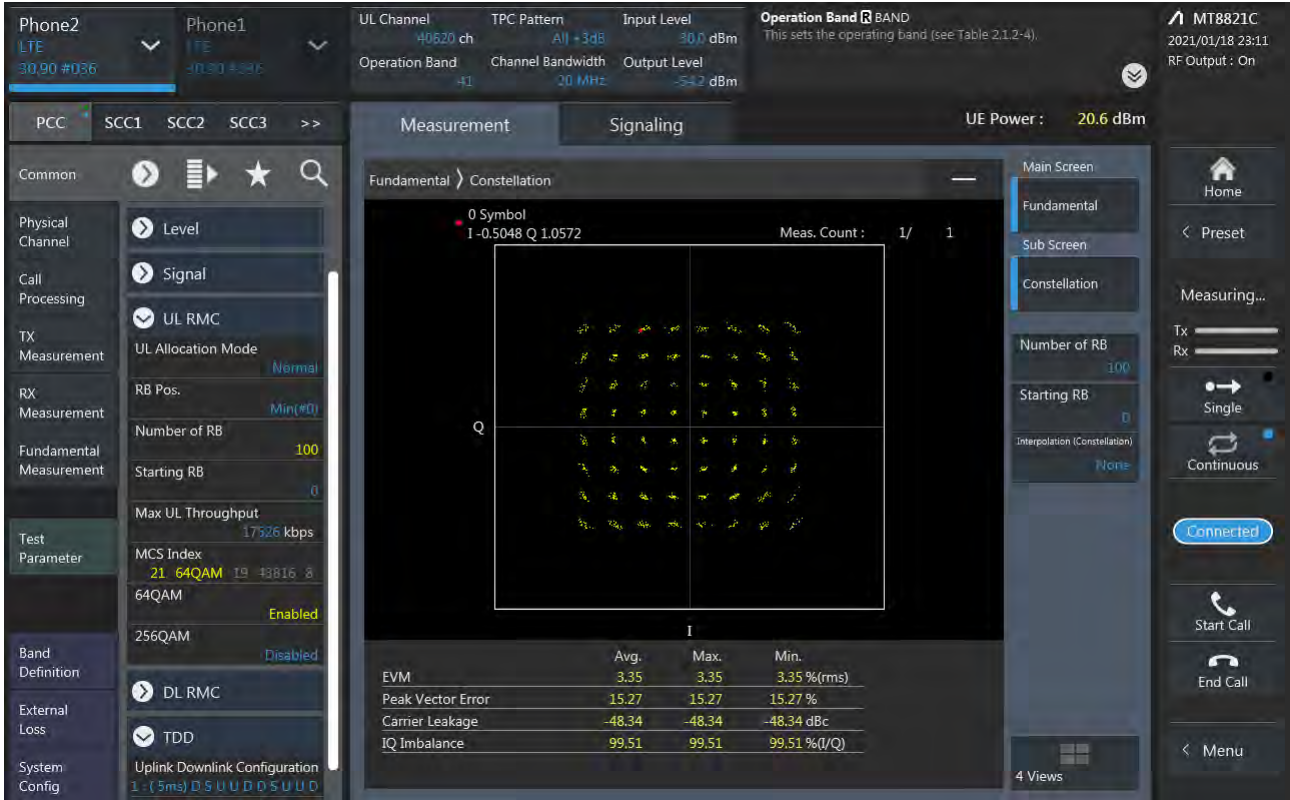


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3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



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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
Band41	5MHz	QPSK	39675	25RB#0	4.466	4.900	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.466	4.910	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.476	4.900	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.466	4.870	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.466	4.870	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.466	4.870	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.496	4.900	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.496	4.840	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.496	4.920	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.911	9.640	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.911	9.660	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.911	9.660	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.911	9.580	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.911	9.580	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.911	9.600	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.911	9.640	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.911	9.620	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.911	9.640	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.457	14.850	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.457	14.820	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.457	14.760	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.427	14.730	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.427	14.700	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.427	14.640	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.427	14.730	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.457	14.700	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.427	14.730	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.862	19.520	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.902	19.480	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.862	19.440	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.822	19.320	PASS



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Band41	20MHz	64QAM	40620	100RB#0	17.862	19.440	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.822	19.400	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.862	19.320	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.862	19.320	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.862	19.360	PASS



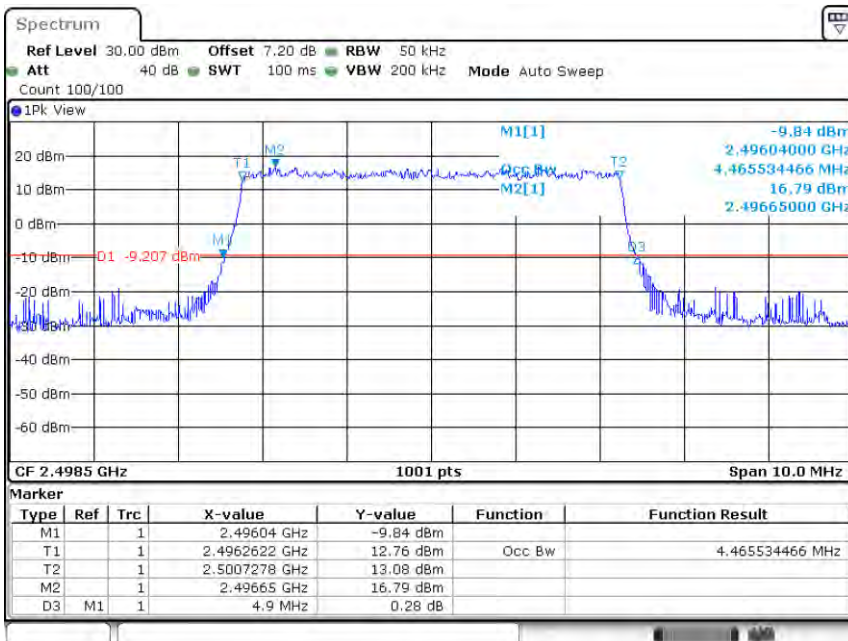
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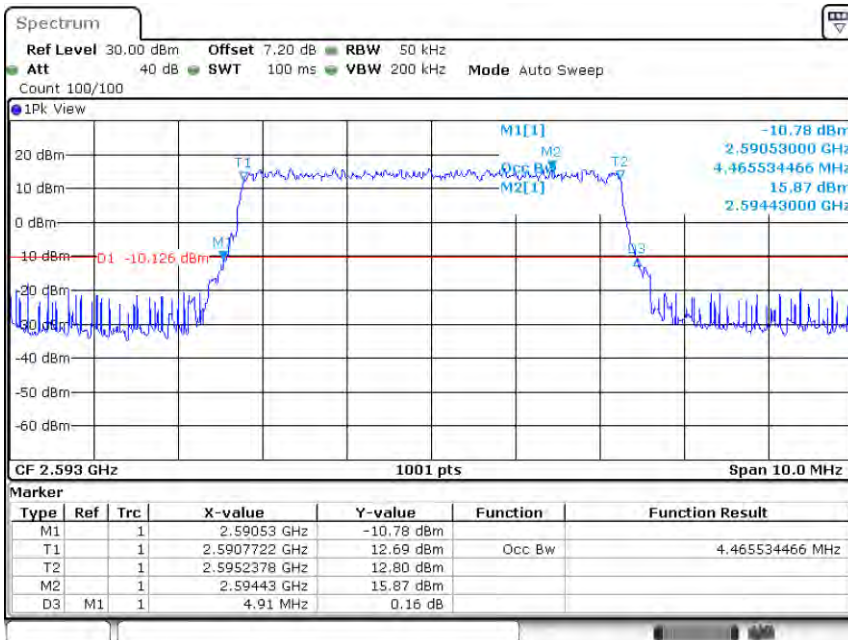
4.2. Test Plots

Band41-5MHz-QPSK-39675-25RB#0-4.466



Date: 3.FEB.2021 19:20:51

Band41-5MHz-QPSK-40620-25RB#0-4.466



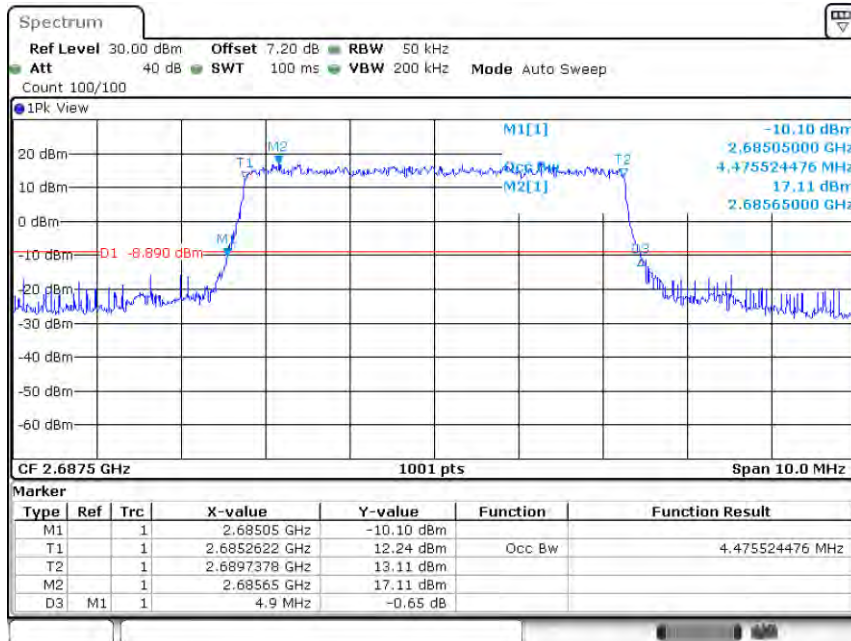
Date: 3.FEB.2021 19:21:31



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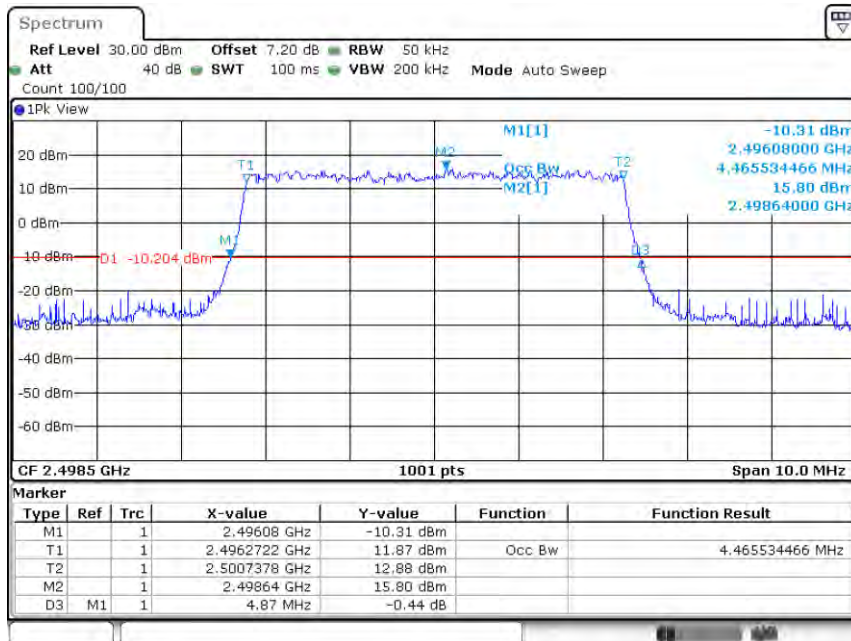


Band41-5MHz-QPSK-41565-25RB#0-4.476



Date: 3.FEB.2021 19:22:11

Band41-5MHz-64QAM-39675-25RB#0-4.466



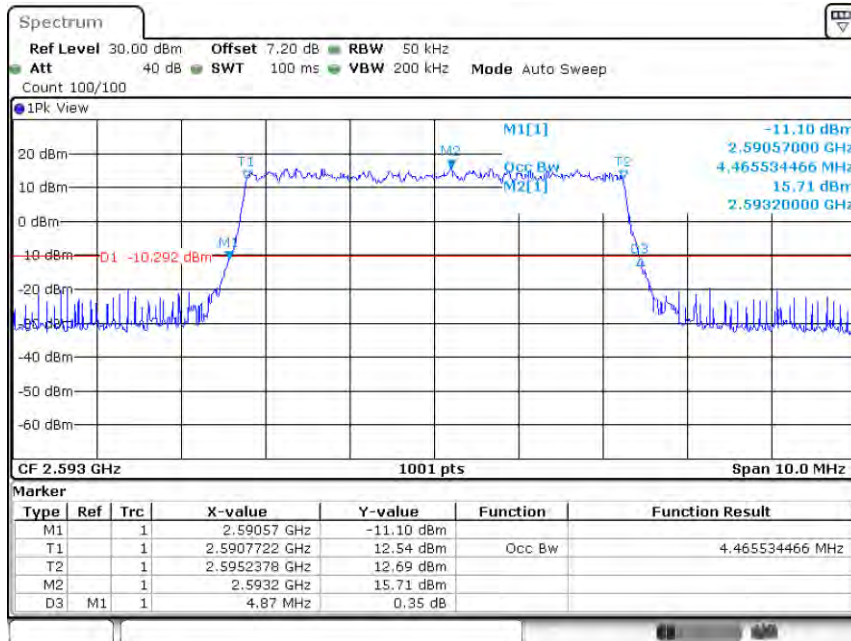
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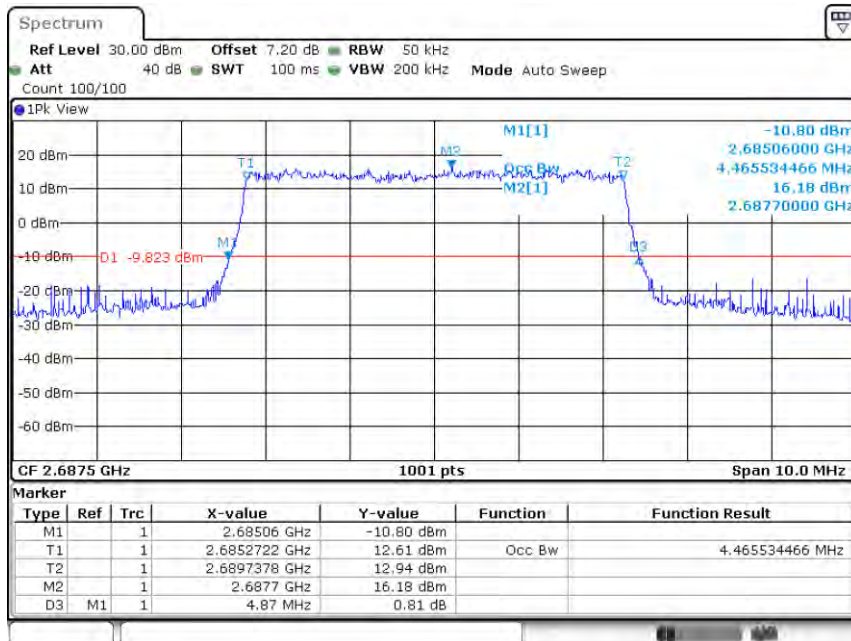


Band41-5MHz-64QAM-40620-25RB#0-4.466



Date: 3.FEB.2021 19:45:43

Band41-5MHz-64QAM-41565-25RB#0-4.466

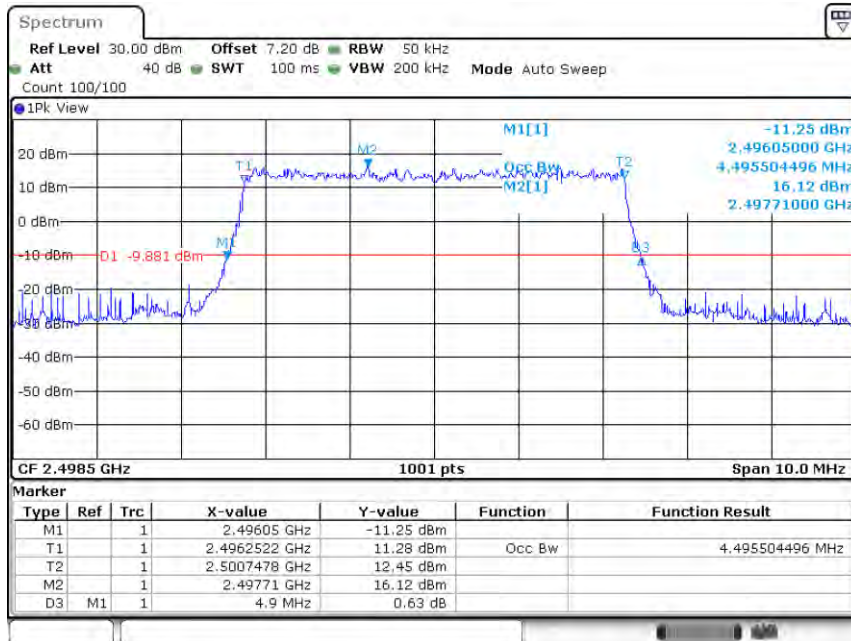


Date: 3.FEB.2021 19:46:03



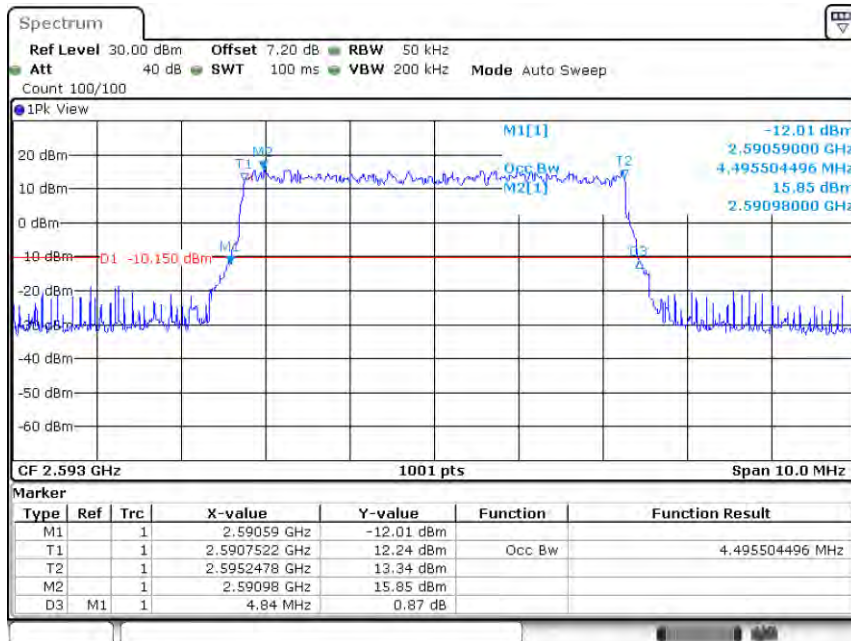
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Band41-5MHz-16QAM-39675-25RB#0-4.496



Date: 3.FEB.2021 19:21:11

Band41-5MHz-16QAM-40620-25RB#0-4.496



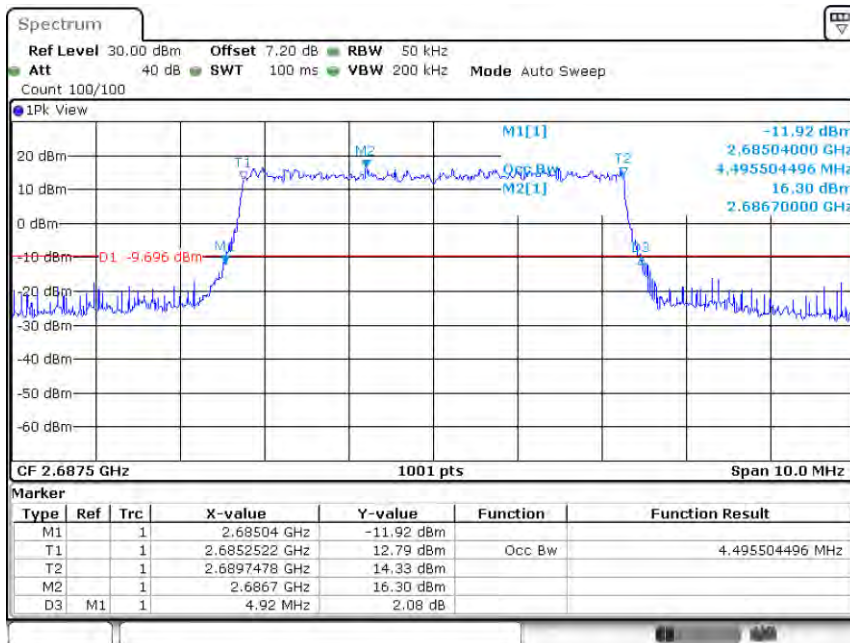
Date: 3.FEB.2021 19:21:51



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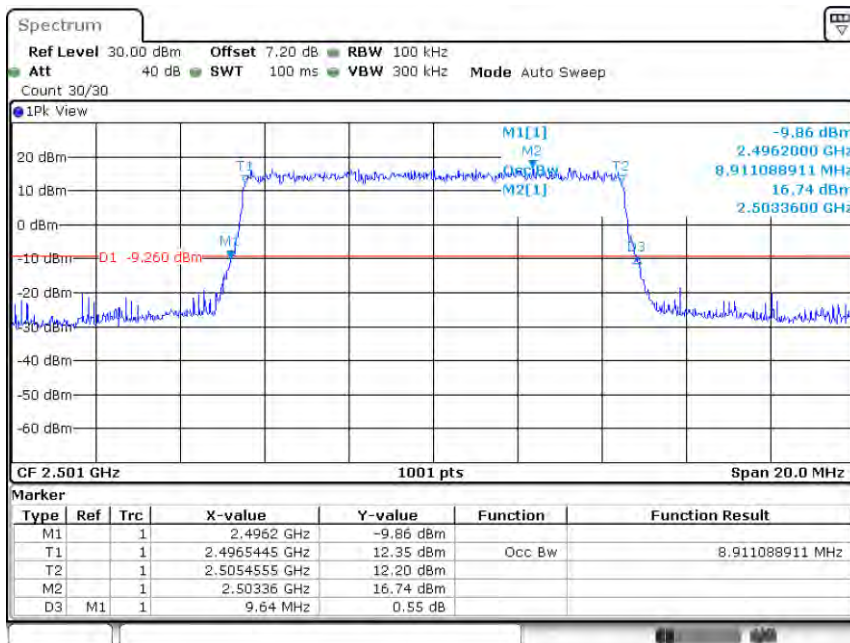


Band41-5MHz-16QAM-41565-25RB#0-4.496



Date: 3.FEB.2021 19:22:30

Band41-10MHz-QPSK-39700-50RB#0-8.911



Date: 3.FEB.2021 19:22:48

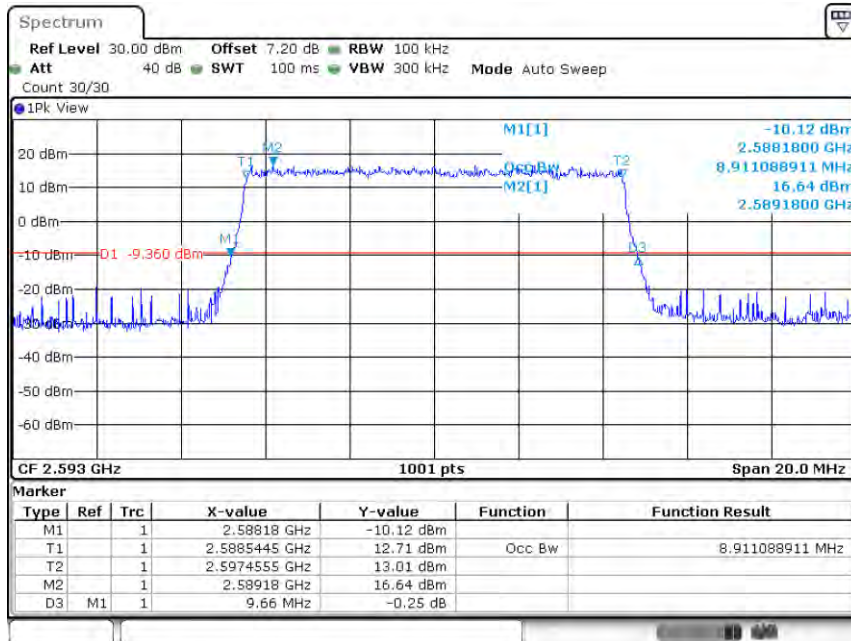


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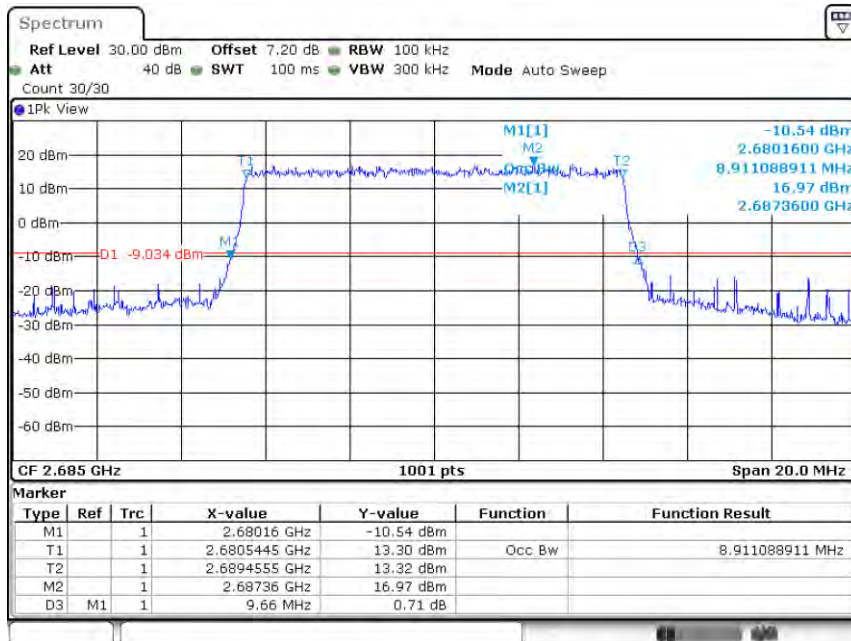
SGS-CSTC Standards Technical Services Co., Ltd. No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
Shenzhen Branch, Inspection & Testing Services Laboratory. 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

Band41-10MHz-QPSK-40620-50RB#0-8.911



Date: 3.FEB.2021 19:23:13

Band41-10MHz-QPSK-41540-50RB#0-8.911

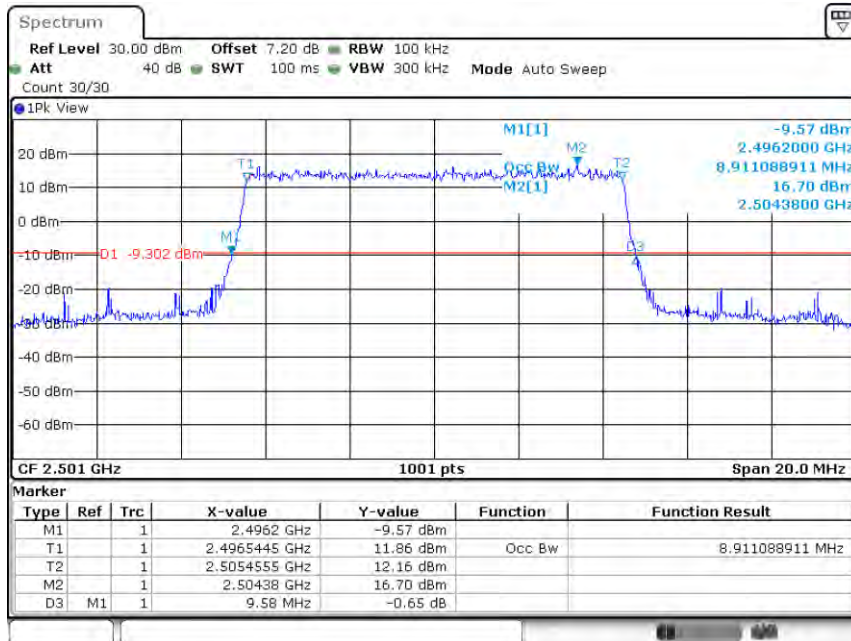


Date: 3.FEB.2021 19:23:39



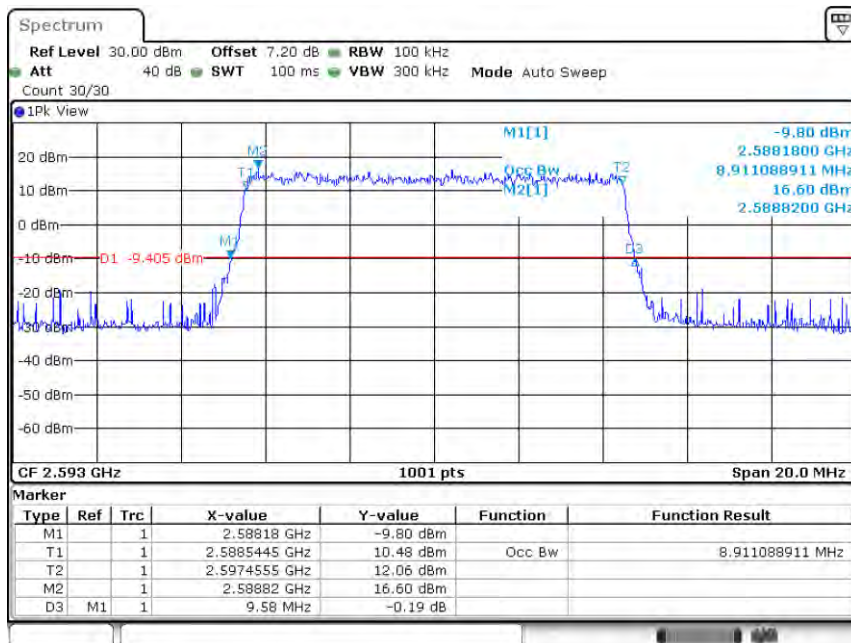
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Band41-10MHz-64QAM-39700-50RB#0-8.911



Date: 3.FEB.2021 19:46:21

Band41-10MHz-64QAM-40620-50RB#0-8.911



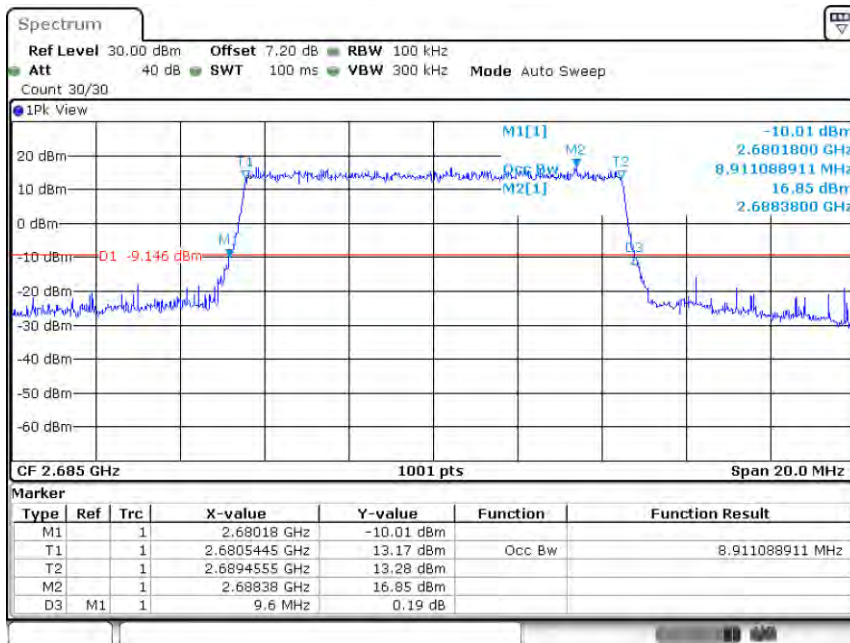
Date: 3.FEB.2021 19:46:34



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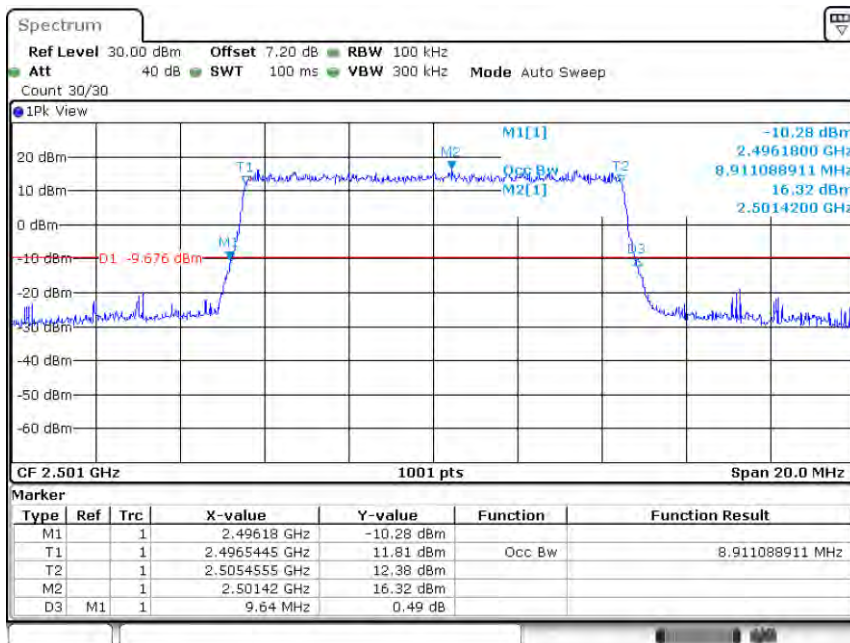


Band41-10MHz-64QAM-41540-50RB#0-8.911



Date: 3.FEB.2021 19:46:47

Band41-10MHz-16QAM-39700-50RB#0-8.911



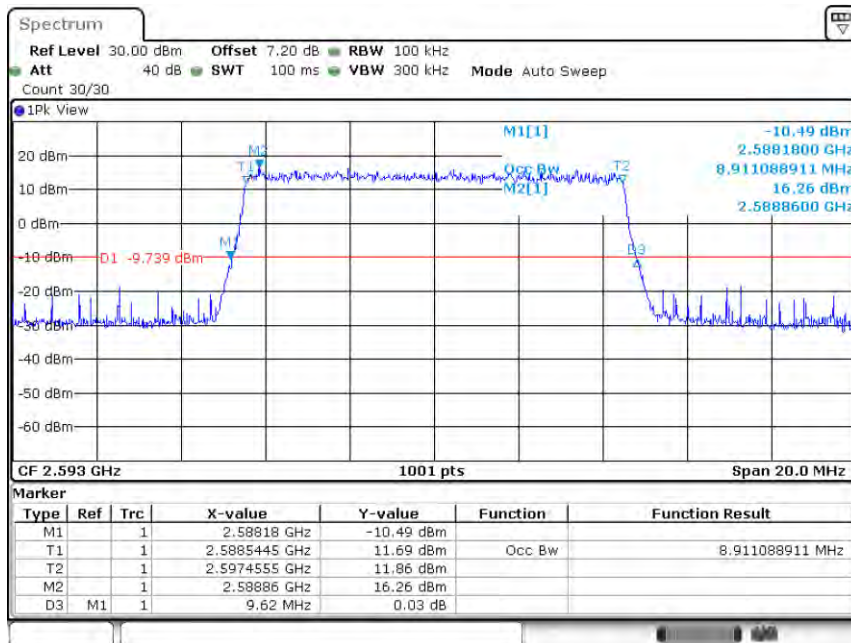
Date: 3.FEB.2021 19:23:00



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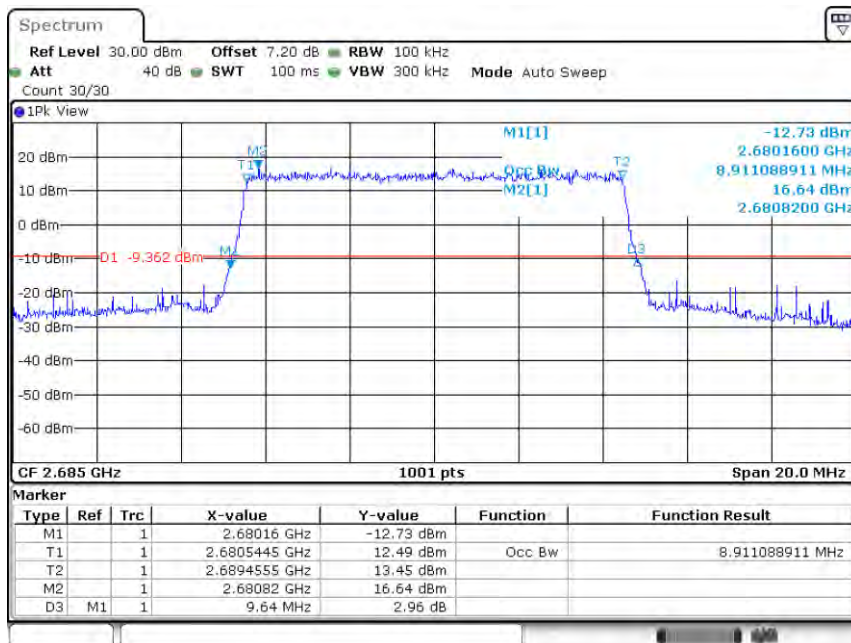


Band41-10MHz-16QAM-40620-50RB#0-8.911



Date: 3.FEB.2021 19:23:26

Band41-10MHz-16QAM-41540-50RB#0-8.911

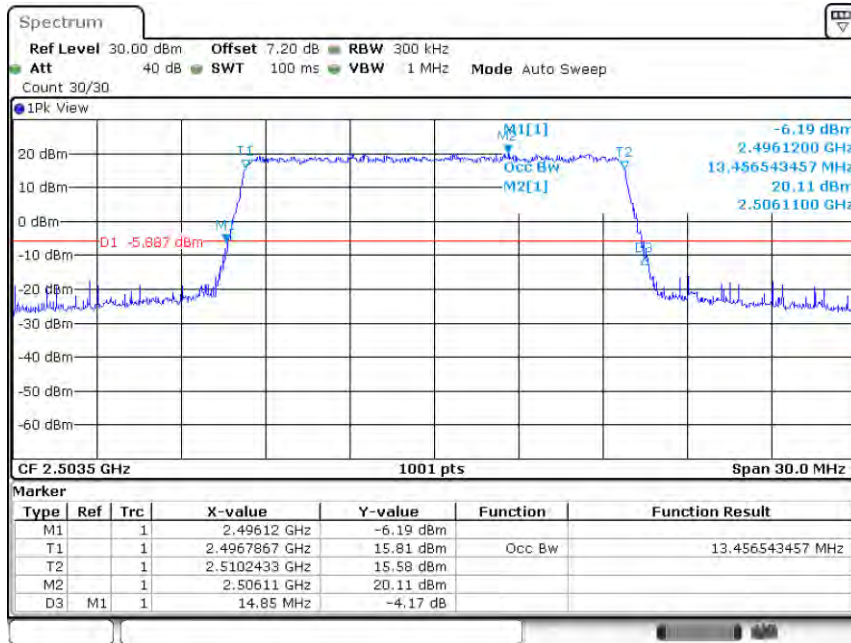


Date: 3.FEB.2021 19:23:51



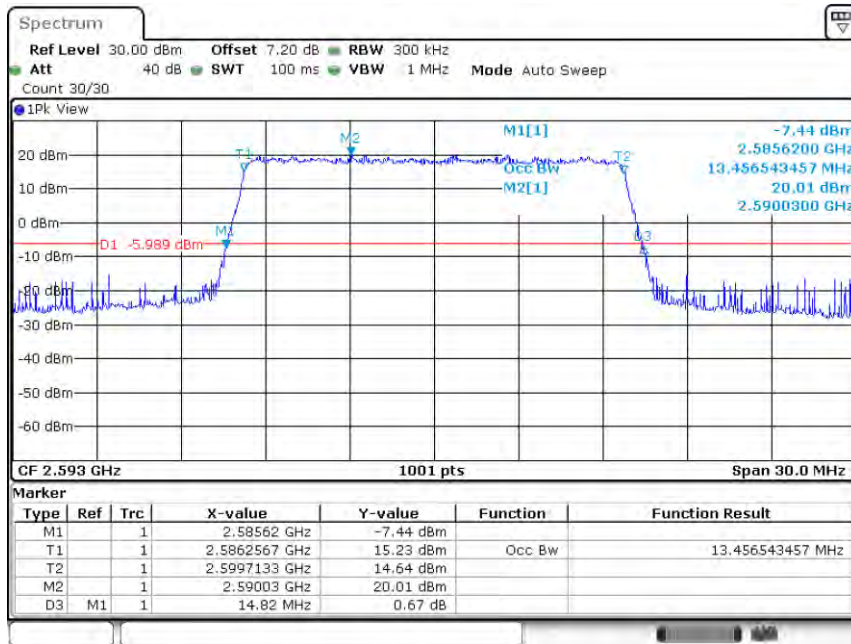
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Band41-15MHz-QPSK-39725-75RB#0-13.457



Date: 3.FEB.2021 19:24:09

Band41-15MHz-QPSK-40620-75RB#0-13.457

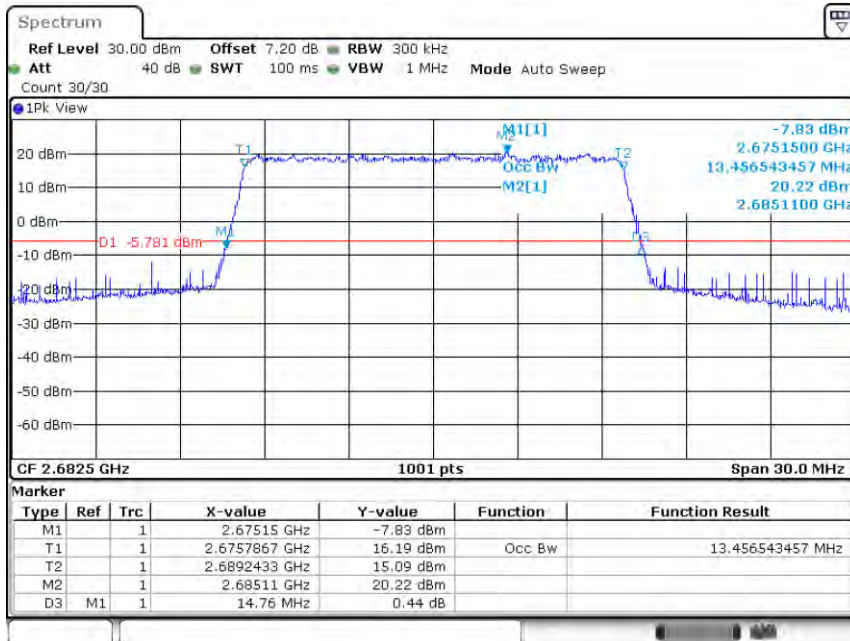


Date: 3.FEB.2021 19:24:34



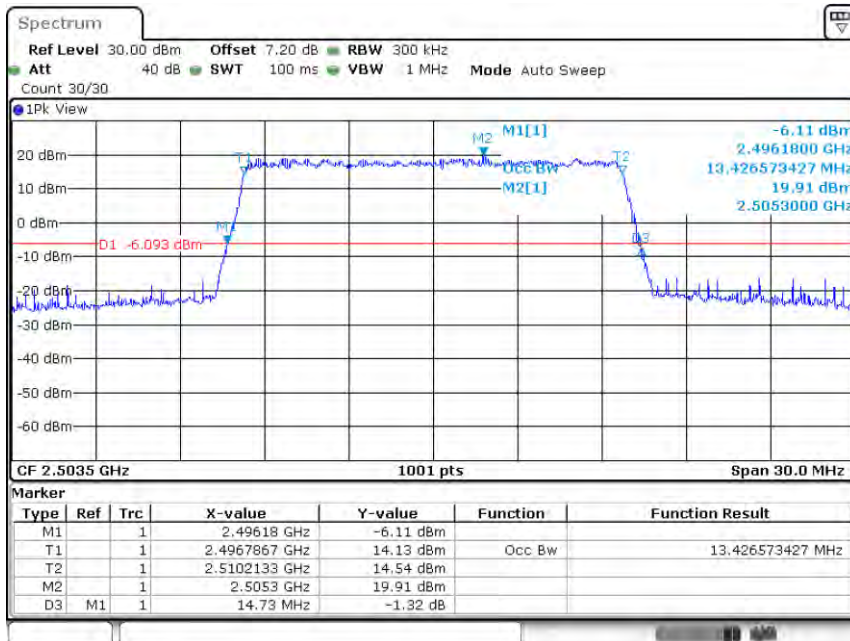
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Band41-15MHz-QPSK-41515-75RB#0-13.457



Date: 3.FEB.2021 19:25:00

Band41-15MHz-64QAM-39725-75RB#0-13.427

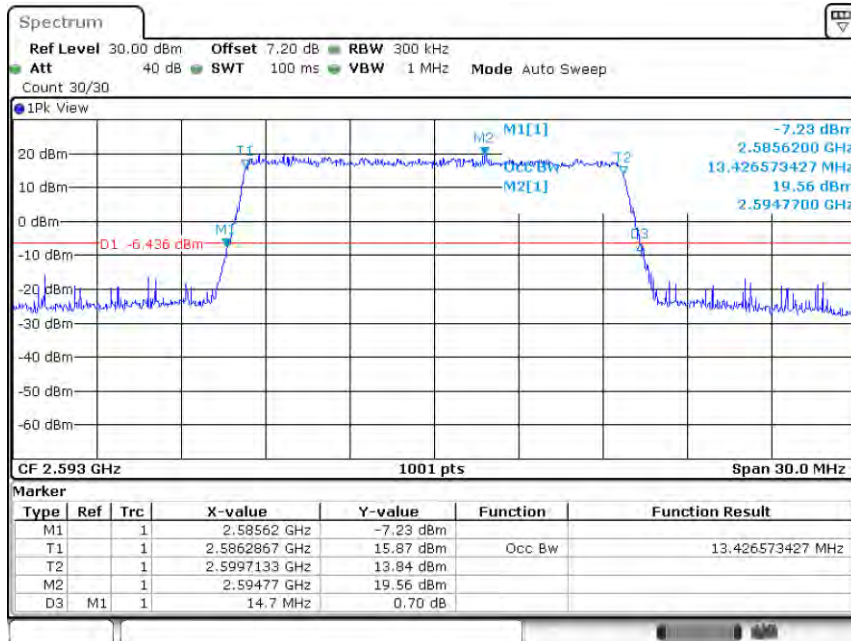


Date: 3.FEB.2021 19:47:04



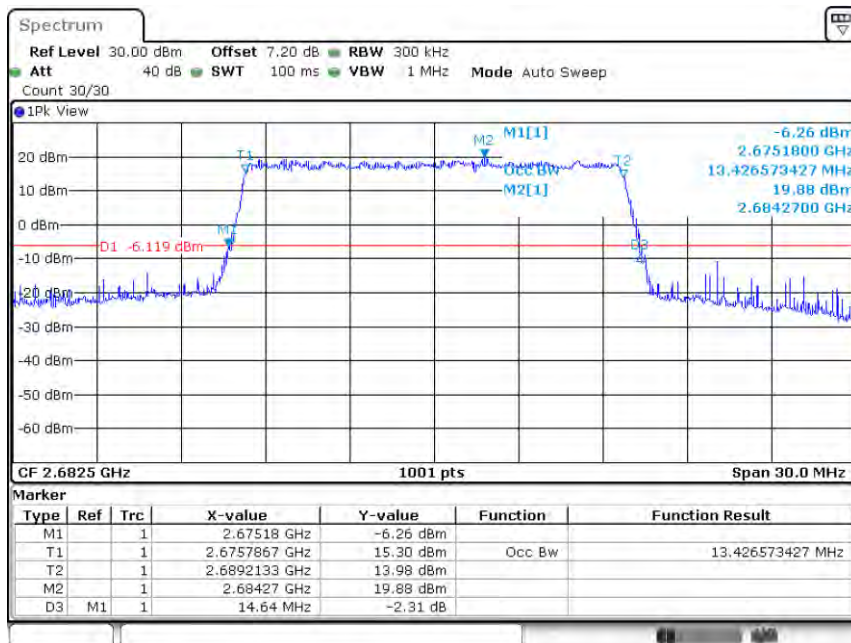
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Band41-15MHz-64QAM-40620-75RB#0-13.427



Date: 3.FEB.2021 19:47:17

Band41-15MHz-64QAM-41515-75RB#0-13.427

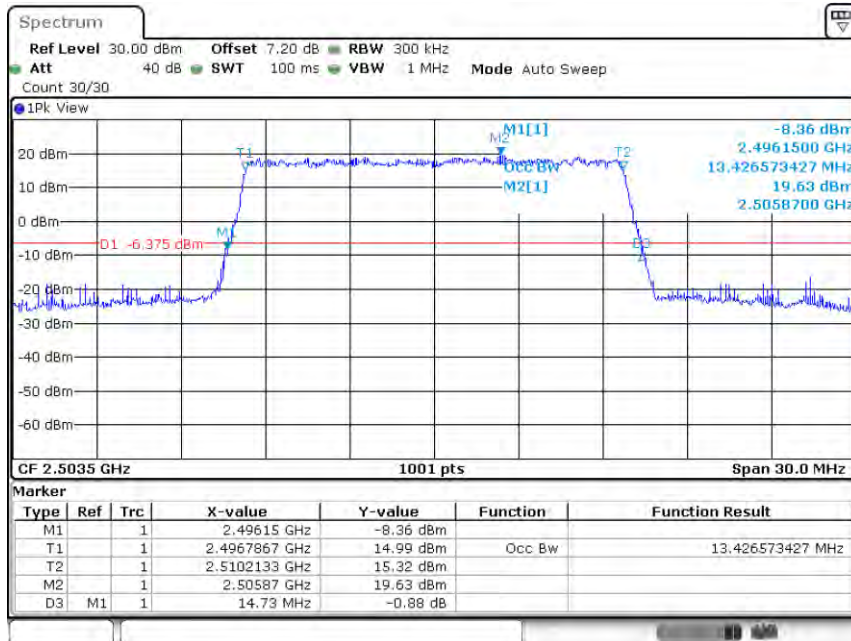


Date: 3.FEB.2021 19:47:30



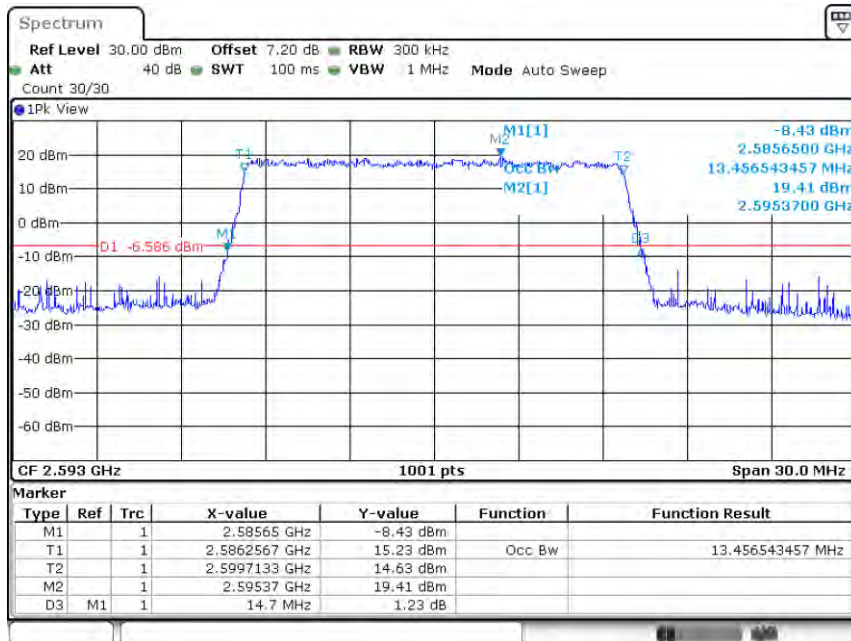
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Band41-15MHz-16QAM-39725-75RB#0-13.427



Date: 3.FEB.2021 19:24:22

Band41-15MHz-16QAM-40620-75RB#0-13.457

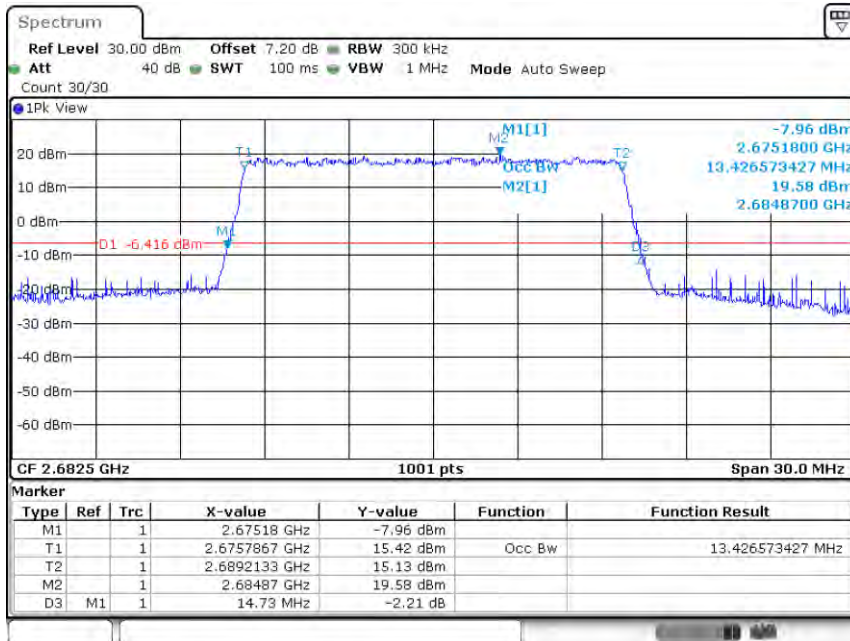


Date: 3.FEB.2021 19:24:47



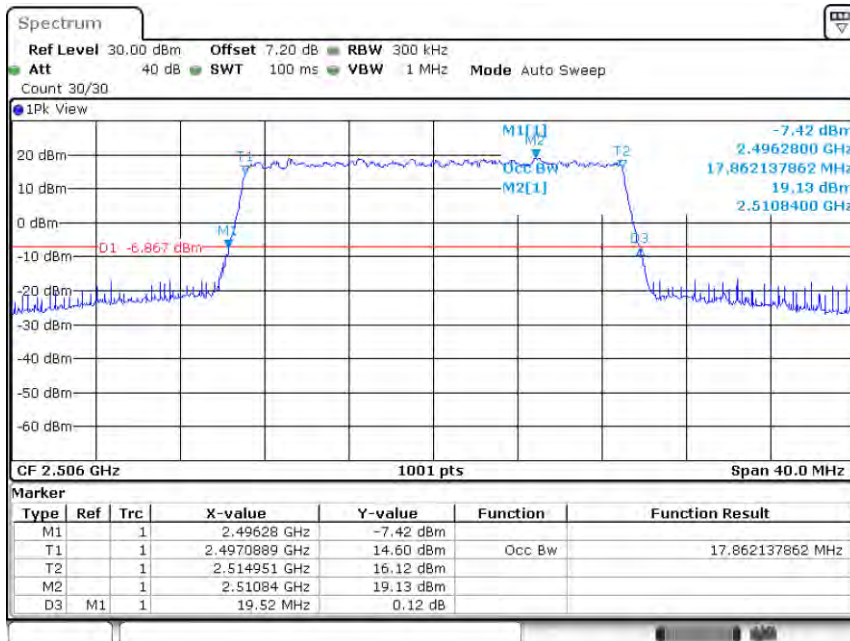
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Band41-15MHz-16QAM-41515-75RB#0-13.427



Date: 3.FEB.2021 19:25:13

Band41-20MHz-QPSK-39750-100RB#0-17.862

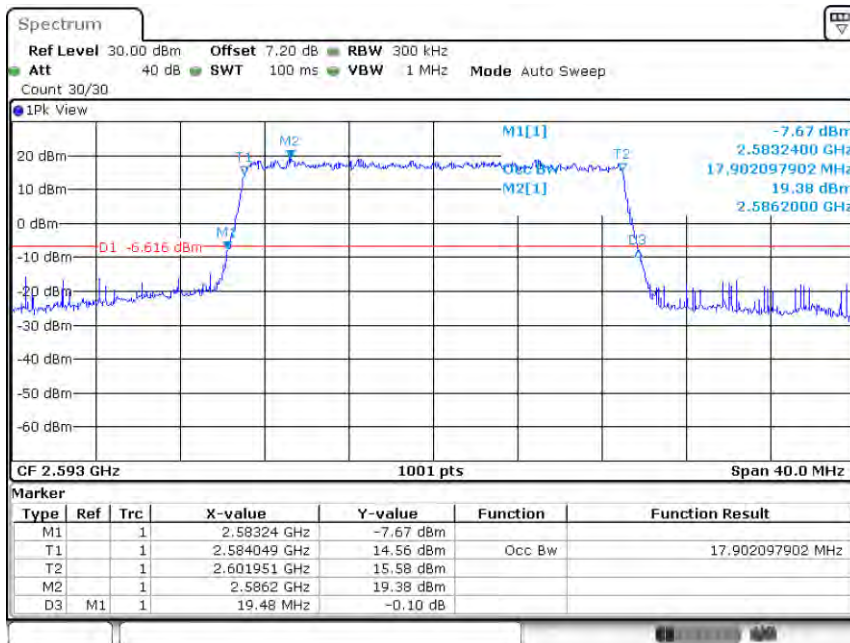


Date: 3.FEB.2021 20:51:48



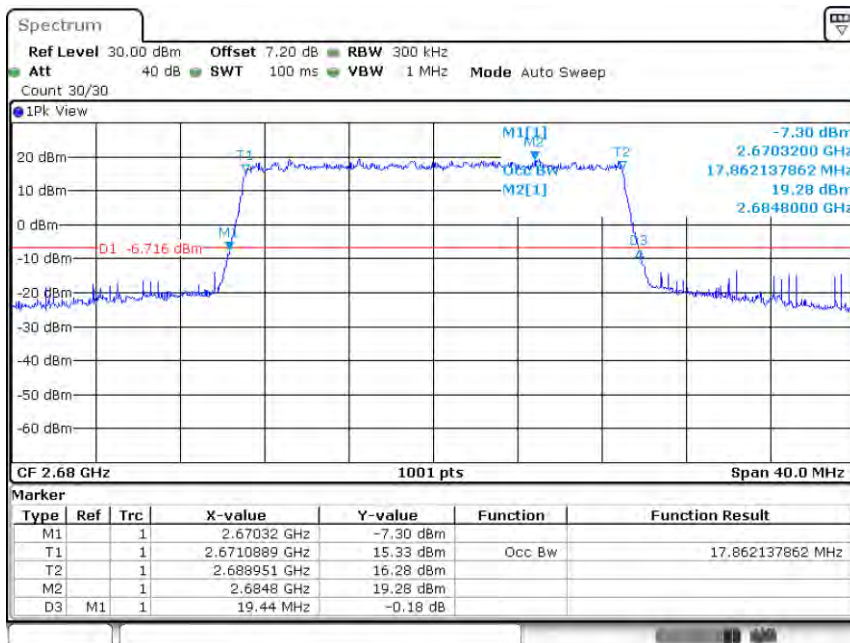
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Band41-20MHz-QPSK-40620-100RB#0-17.902



Date: 3.FEB.2021 19:25:56

Band41-20MHz-QPSK-41490-100RB#0-17.862

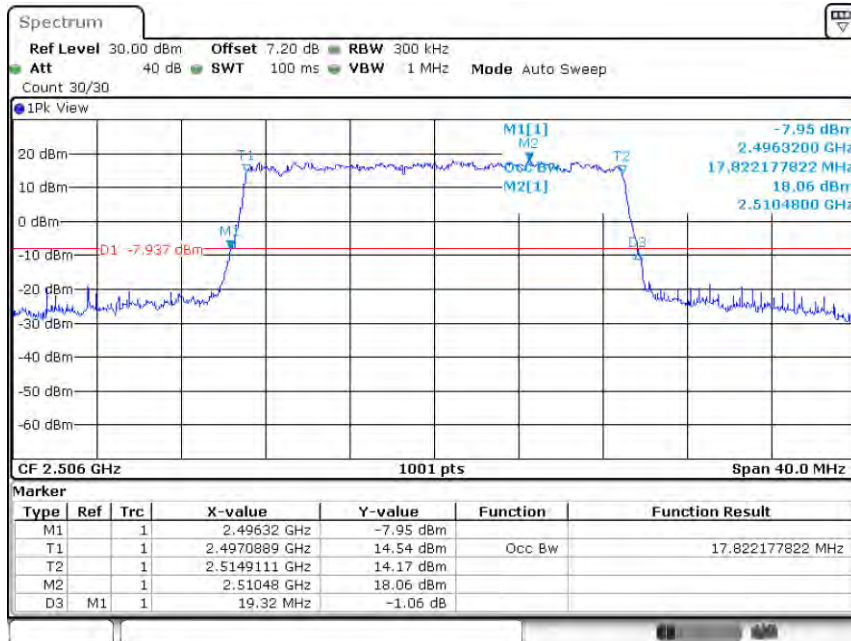


Date: 3.FEB.2021 19:26:21



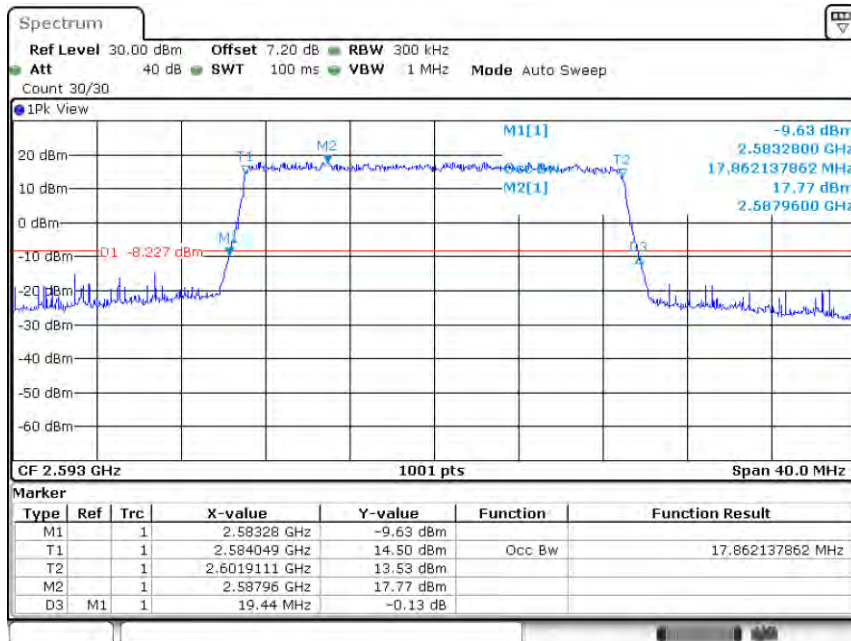
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Band41-20MHz-64QAM-39750-100RB#0-17.822



Date: 3.FEB.2021 19:47:48

Band41-20MHz-64QAM-40620-100RB#0-17.862



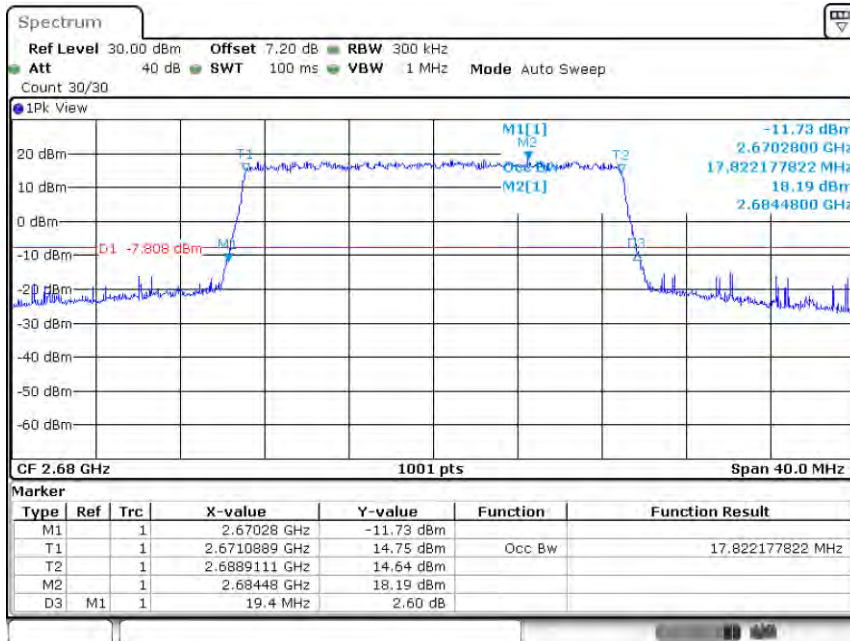
Date: 3.FEB.2021 19:48:01



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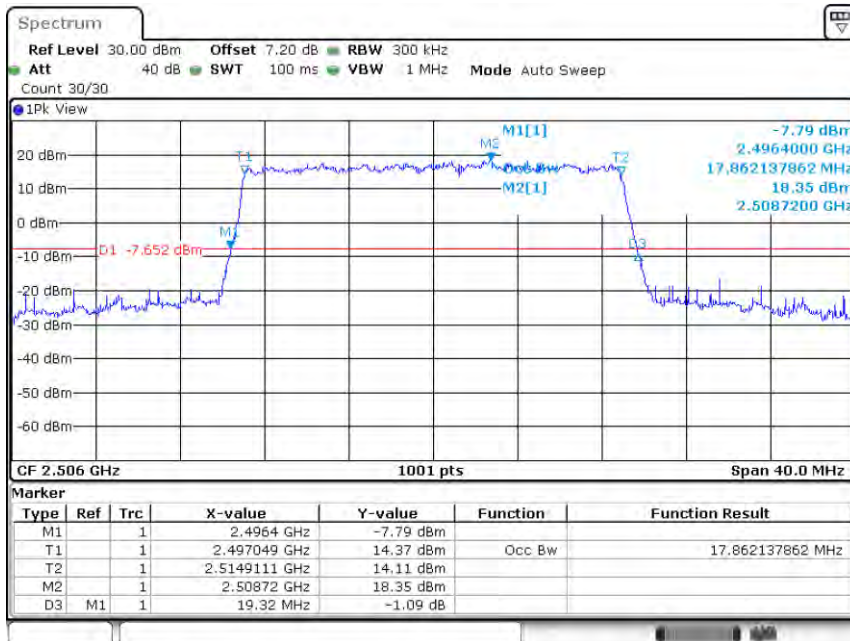


Band41-20MHz-64QAM-41490-100RB#0-17.822



Date: 3.FEB.2021 19:48:14

Band41-20MHz-16QAM-39750-100RB#0-17.862

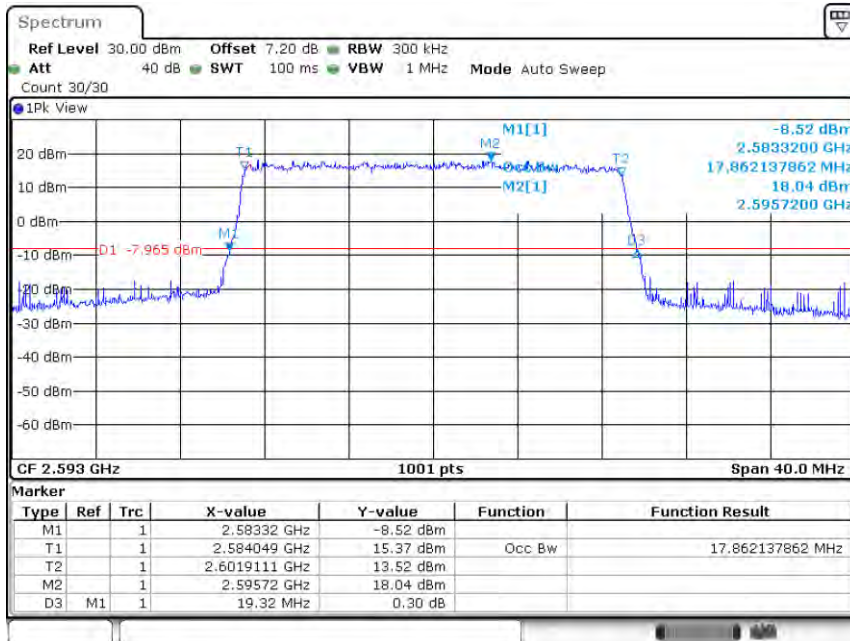


Date: 3.FEB.2021 19:25:43



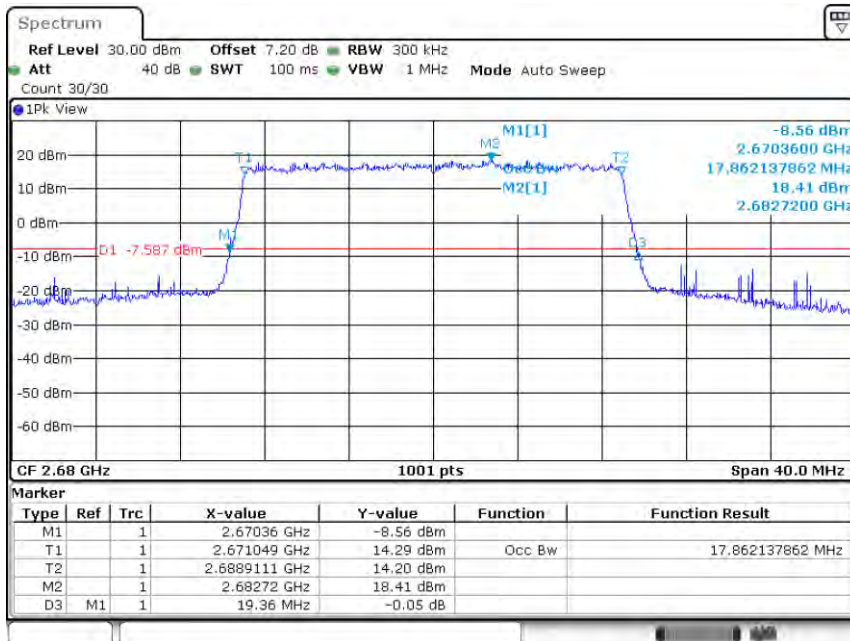
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Band41-20MHz-16QAM-40620-100RB#0-17.862



Date: 3.FEB.2021 19:26:08

Band41-20MHz-16QAM-41490-100RB#0-17.862



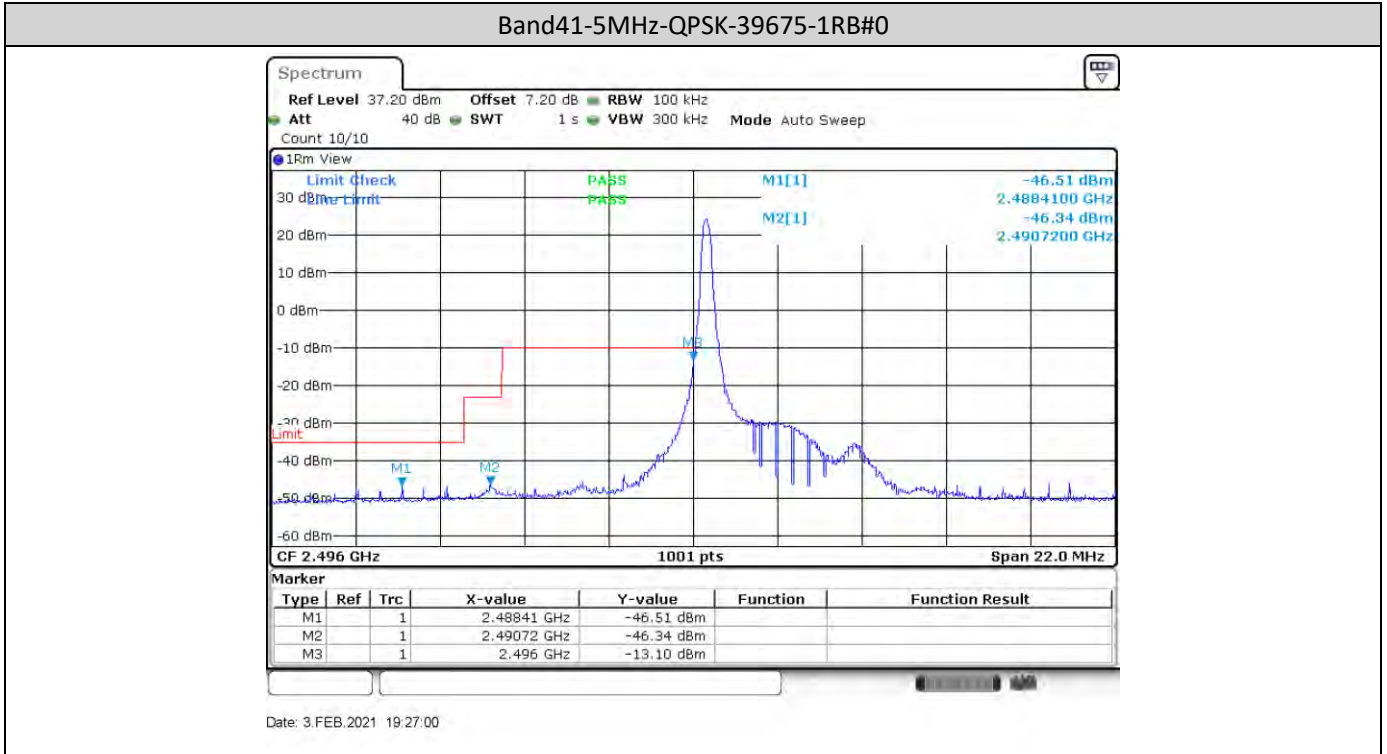
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5. Band Edge Compliance

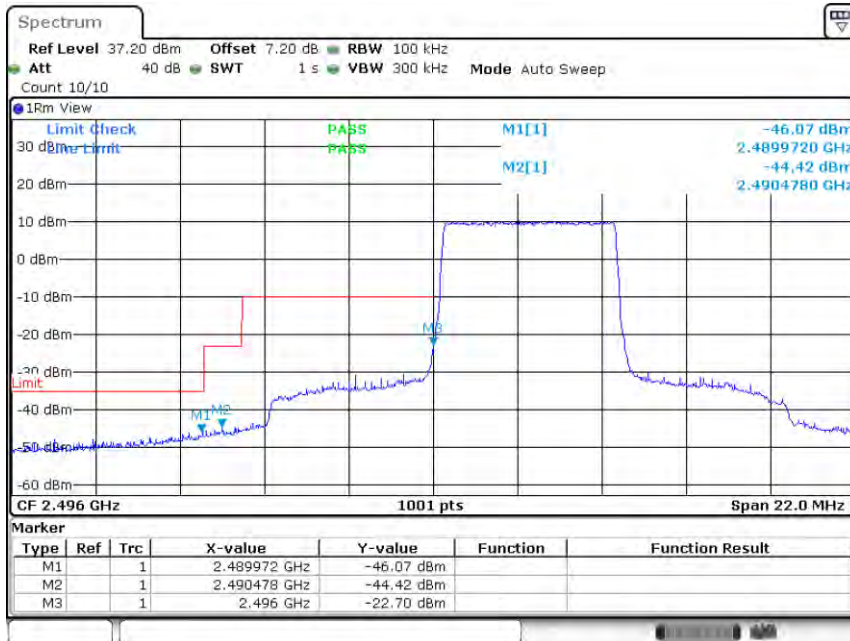
5.1. Test Plots



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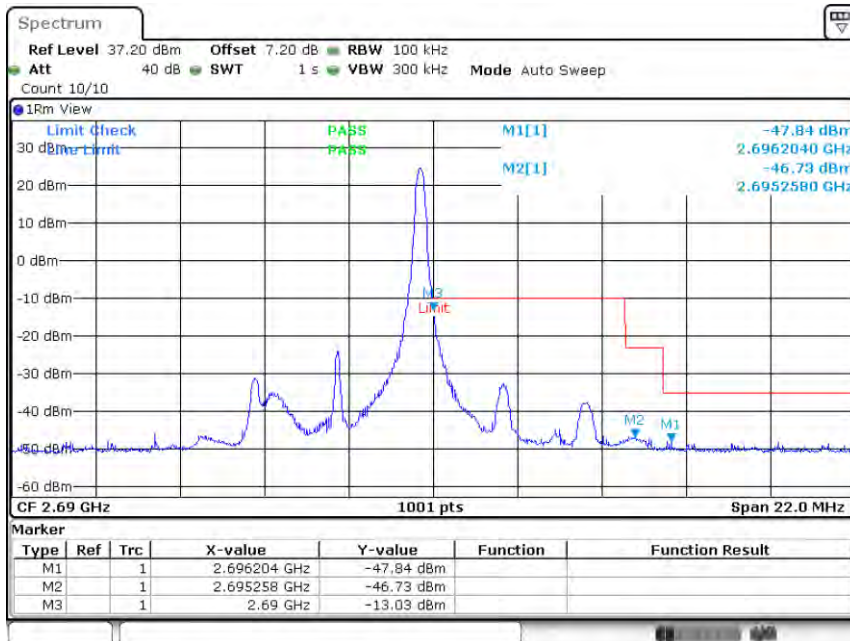
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Band41-5MHz-QPSK-39675-25RB#0



Date: 3.FEB.2021 19:28:35

Band41-5MHz-QPSK-41565-1RB#24

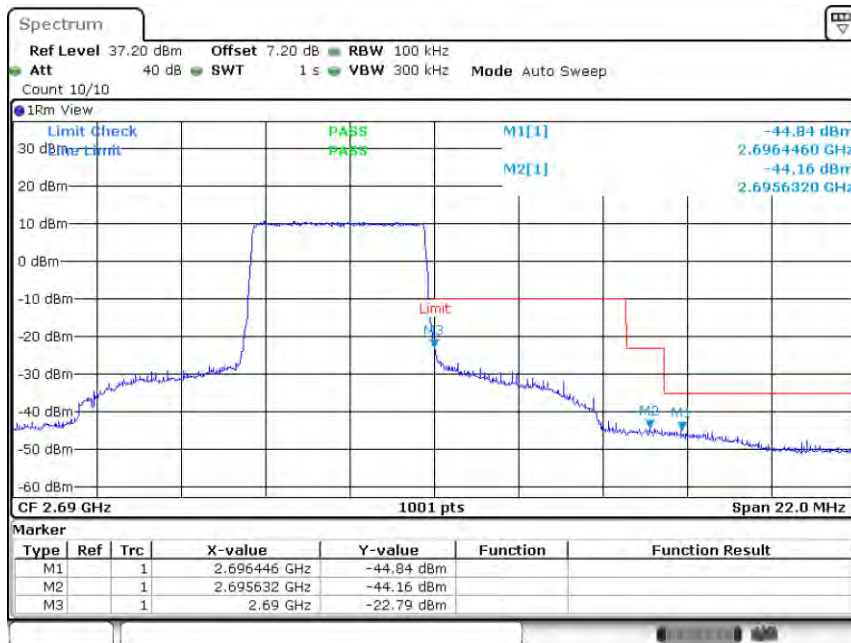


Date: 3.FEB.2021 19:27:48



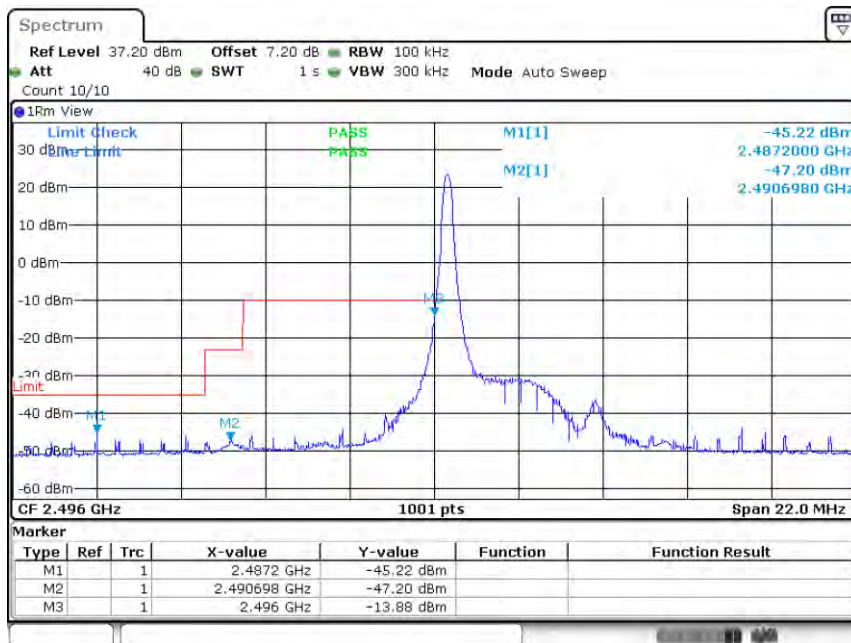
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Band41-5MHz-QPSK-41565-25RB#0



Date: 3.FEB.2021 19:29:19

Band41-5MHz-64QAM-39675-1RB#0

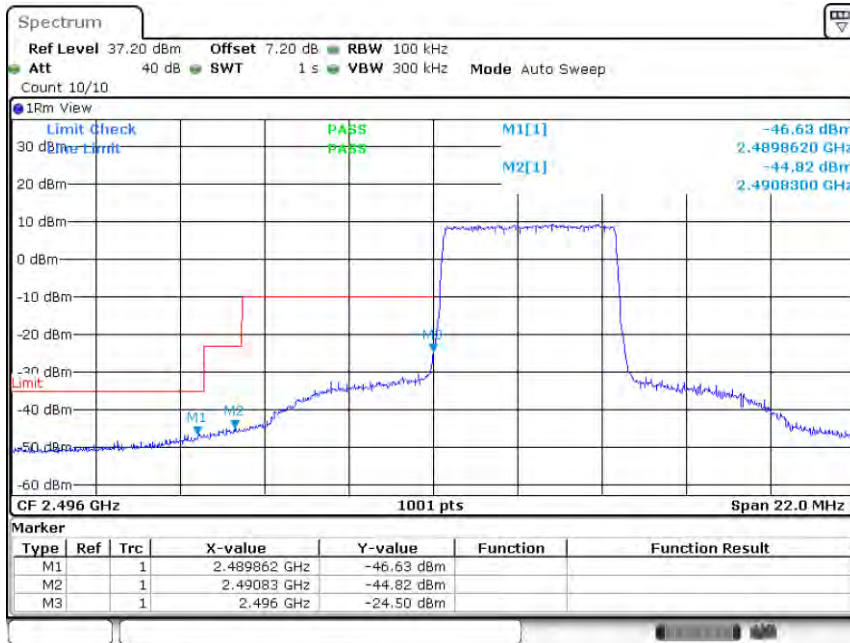


Date: 3.FEB.2021 19:48:41



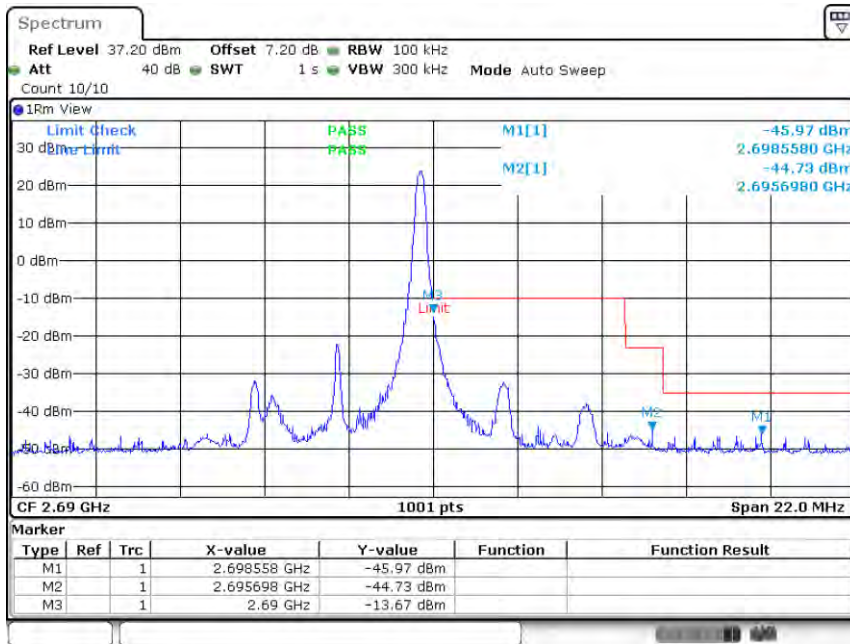
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Band41-5MHz-64QAM-39675-25RB#0



Date: 3.FEB.2021 19:49:33

Band41-5MHz-64QAM-41565-1RB#24

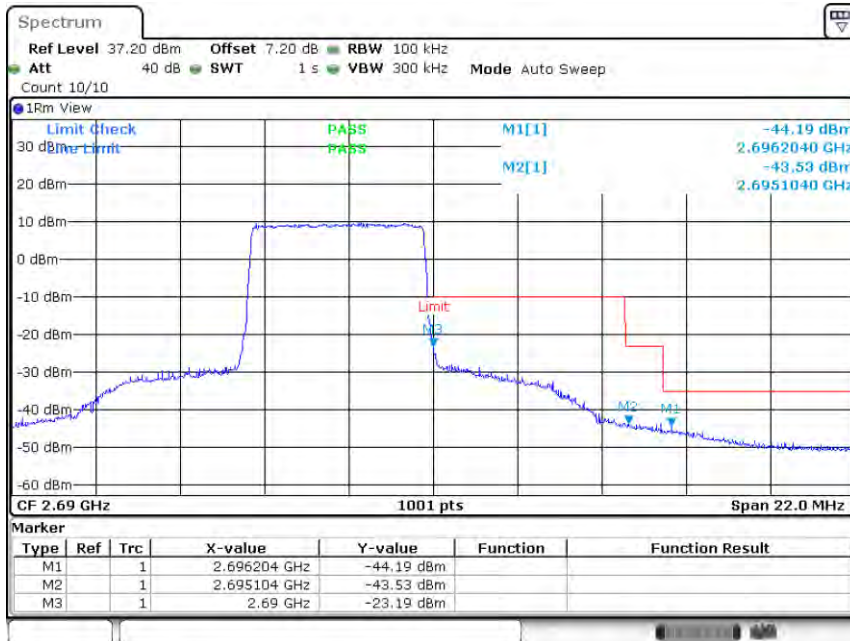


Date: 3.FEB.2021 19:49:07



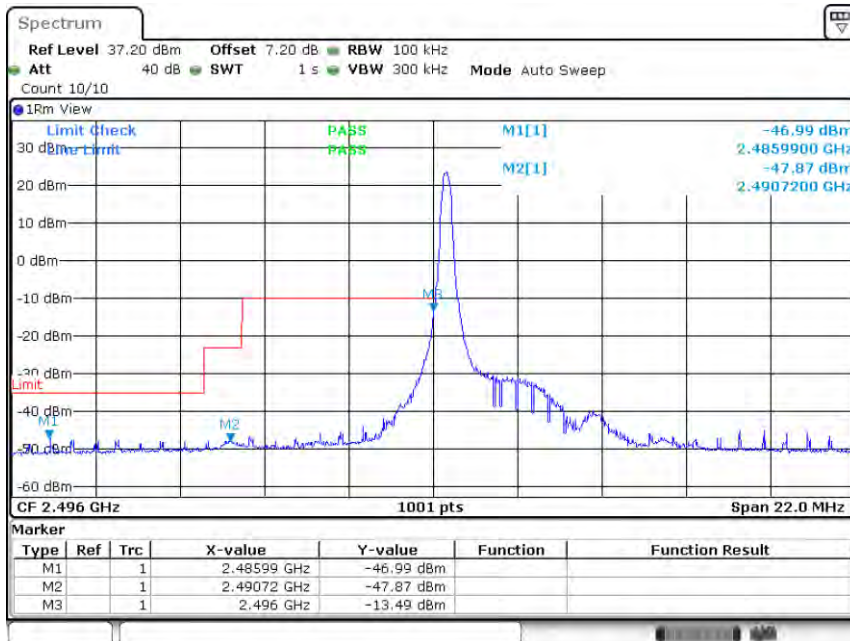
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Band41-5MHz-64QAM-41565-25RB#0



Date: 3.FEB.2021 19:49:55

Band41-5MHz-16QAM-39675-1RB#0

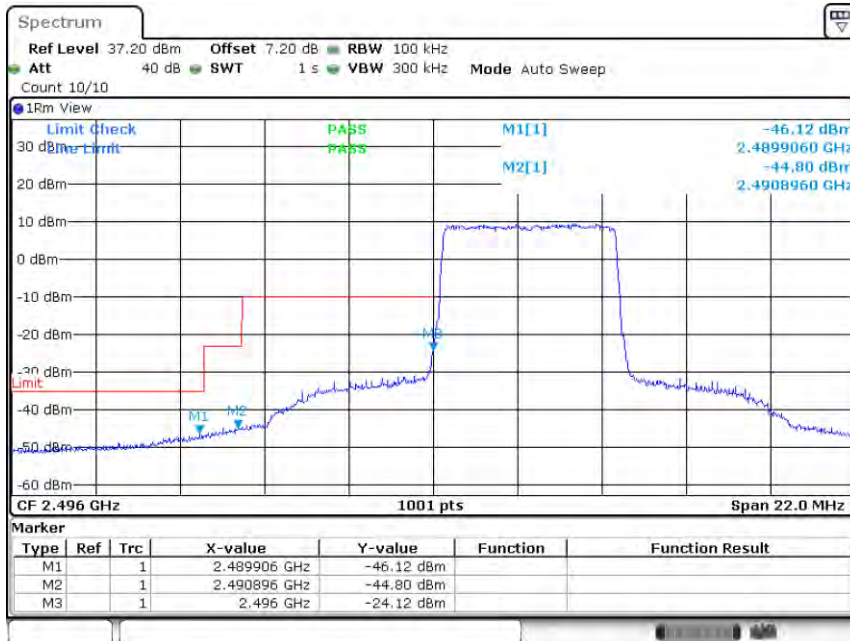


Date: 3.FEB.2021 19:27:22



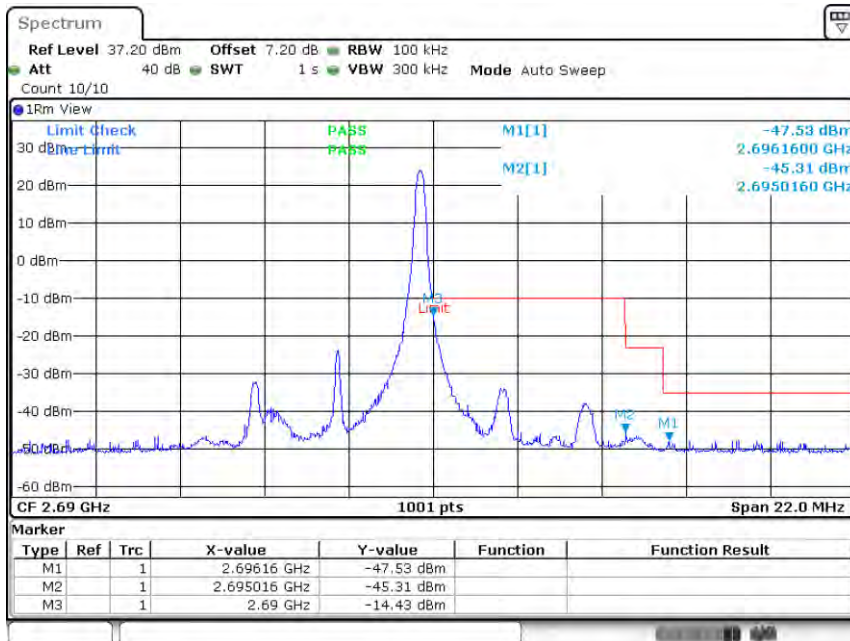
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Band41-5MHz-16QAM-39675-25RB#0



Date: 3.FEB.2021 19:28:57

Band41-5MHz-16QAM-41565-1RB#24

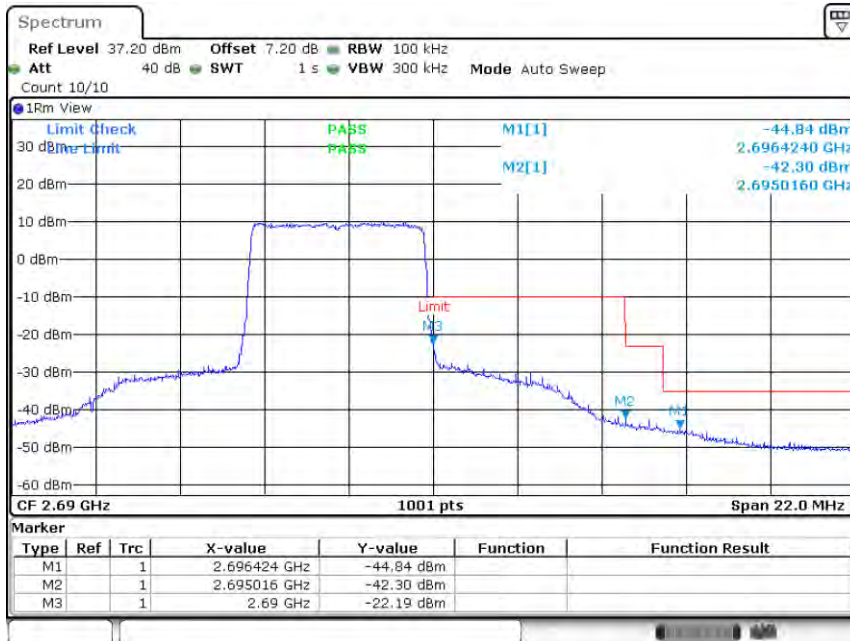


Date: 3.FEB.2021 19:28:09



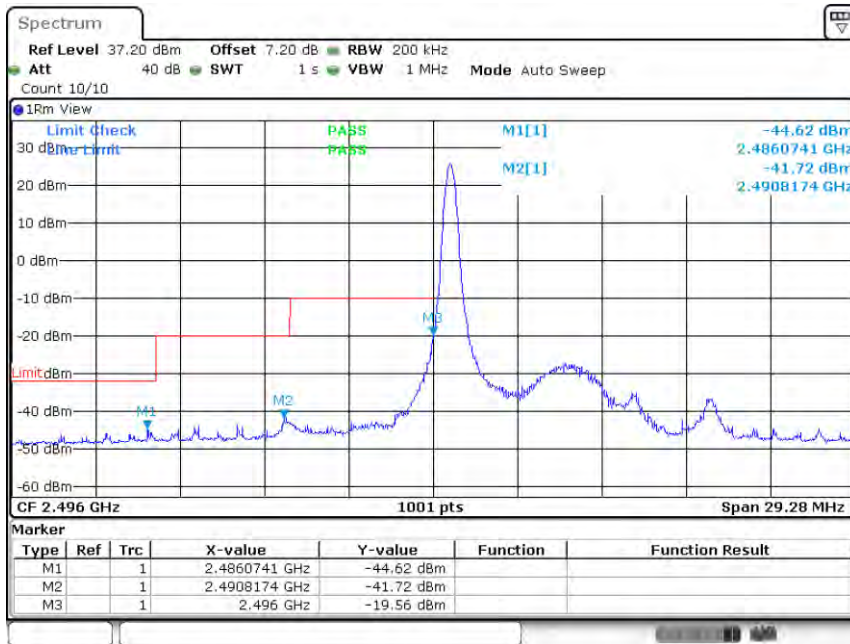
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Band41-5MHz-16QAM-41565-25RB#0



Date: 3.FEB.2021 19:29:40

Band41-10MHz-QPSK-39700-1RB#0



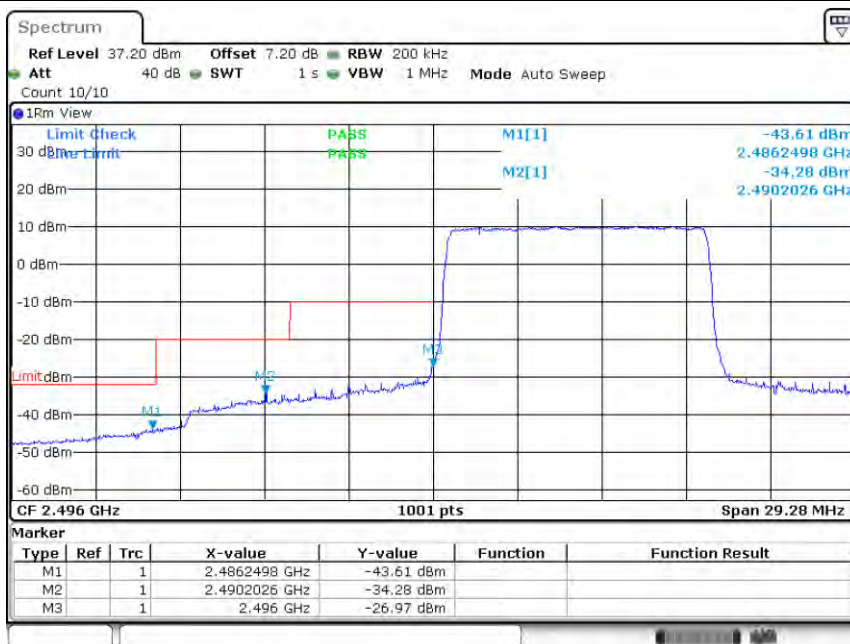
Date: 3.FEB.2021 19:30:07



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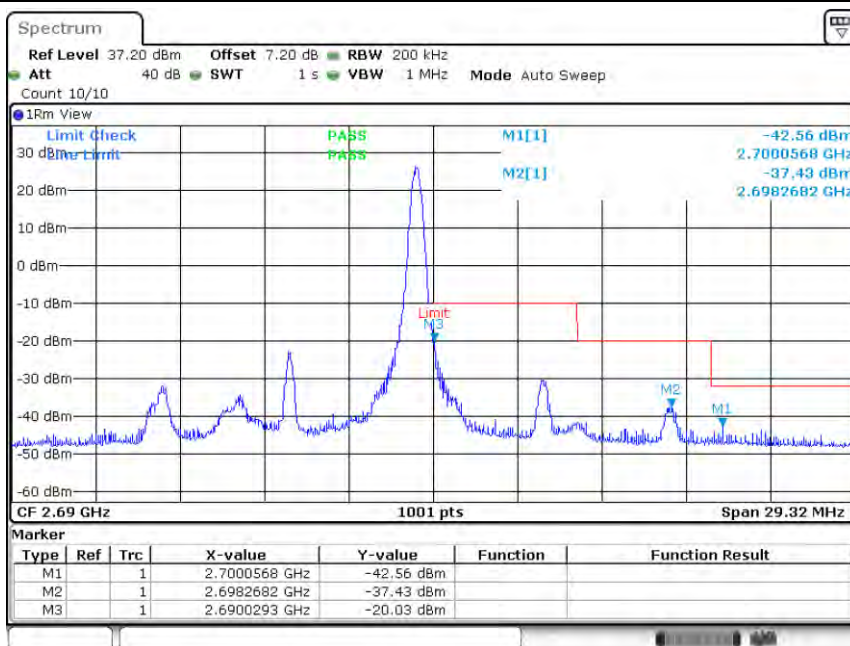


Band41-10MHz-QPSK-39700-50RB#0



Date: 3.FEB.2021 19:31:42

Band41-10MHz-QPSK-41540-1RB#49

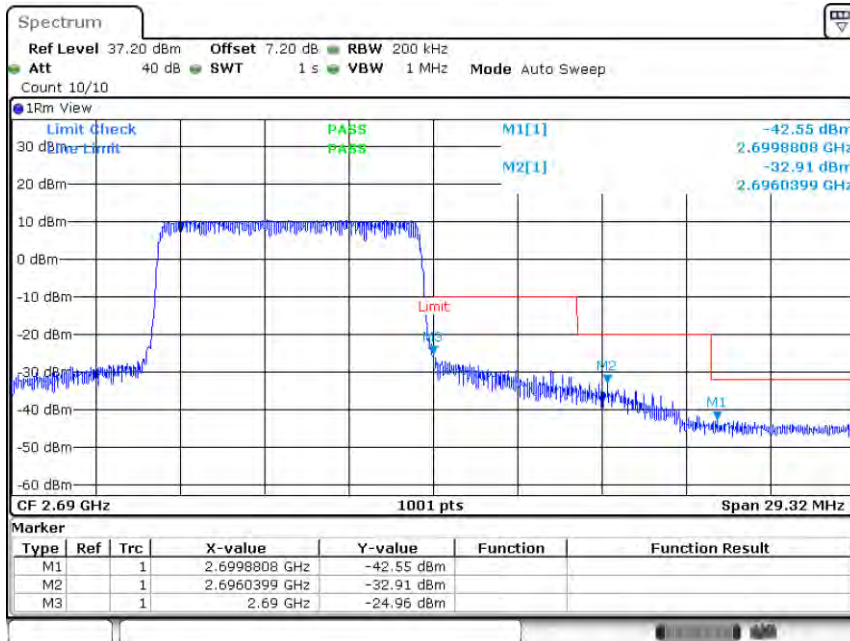


Date: 3.FEB.2021 19:30:54



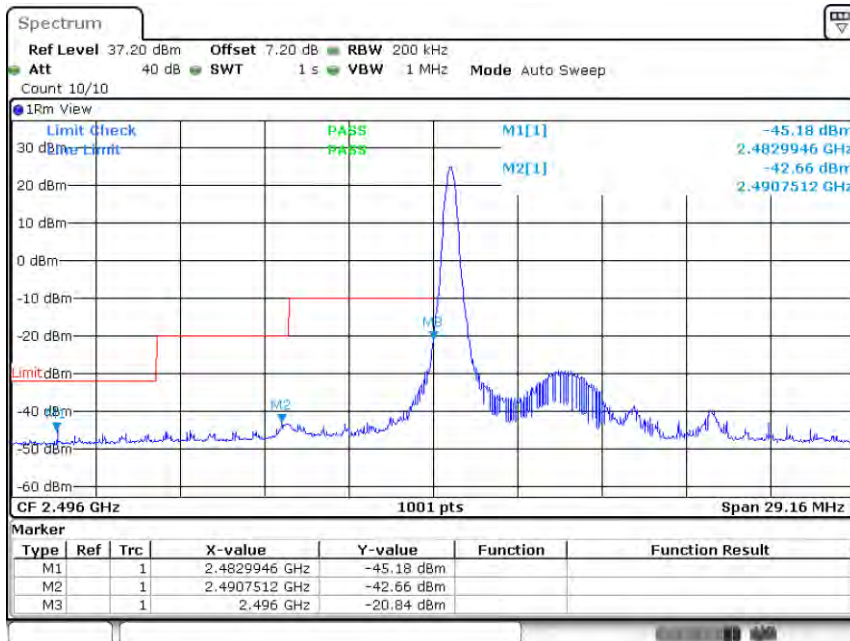
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Band41-10MHz-QPSK-41540-50RB#0



Date: 3.FEB.2021 19:32:26

Band41-10MHz-64QAM-39700-1RB#0

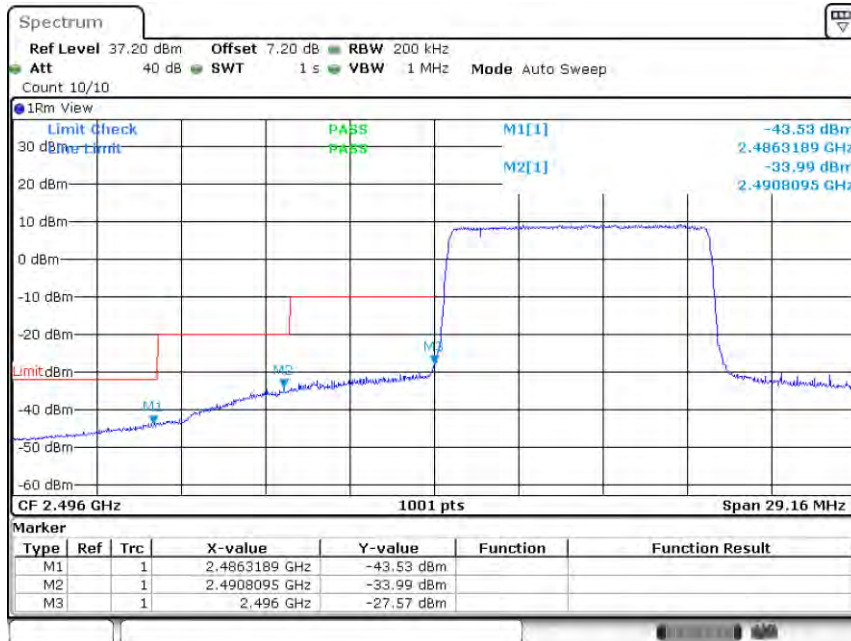


Date: 3.FEB.2021 19:50:22



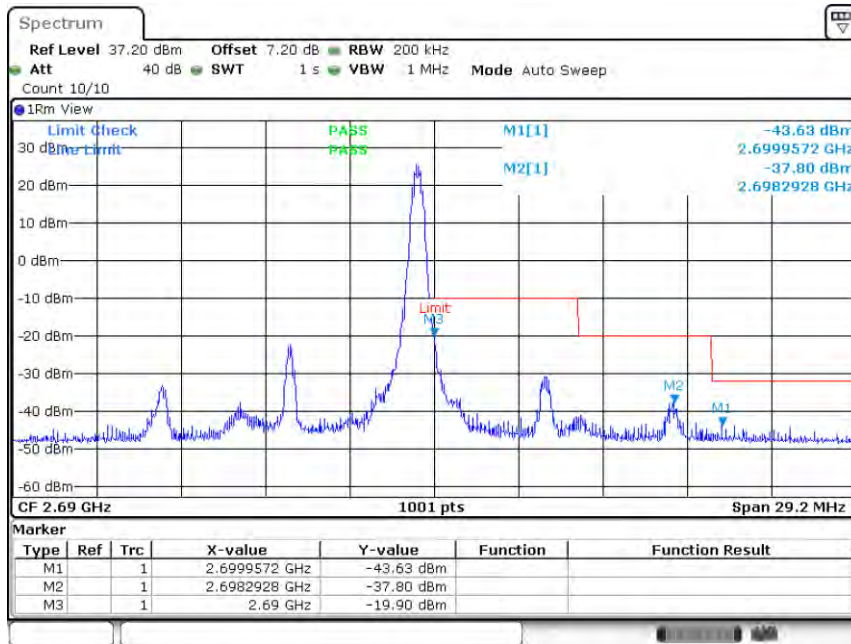
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Band41-10MHz-64QAM-39700-50RB#0



Date: 3.FEB.2021 19:51:14

Band41-10MHz-64QAM-41540-1RB#49



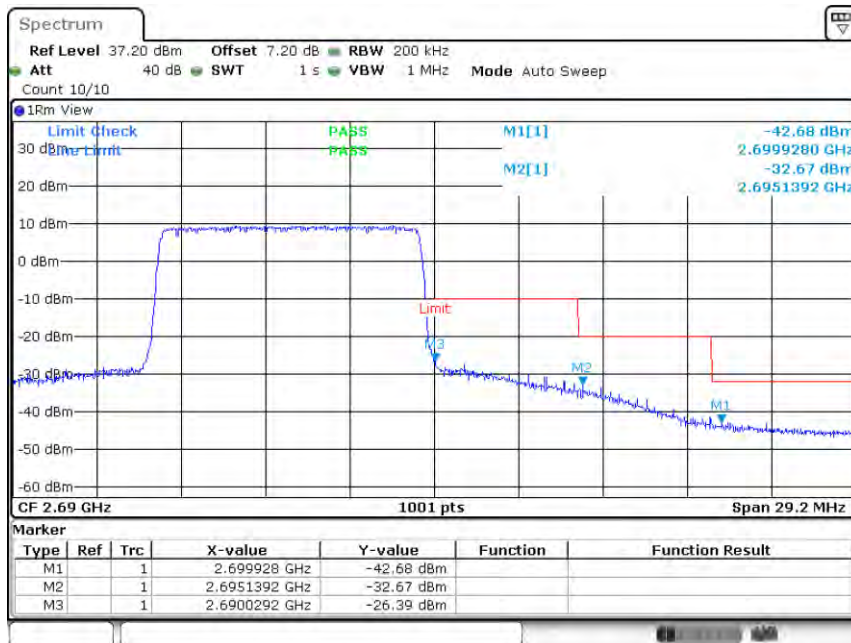
Date: 3.FEB.2021 19:50:48



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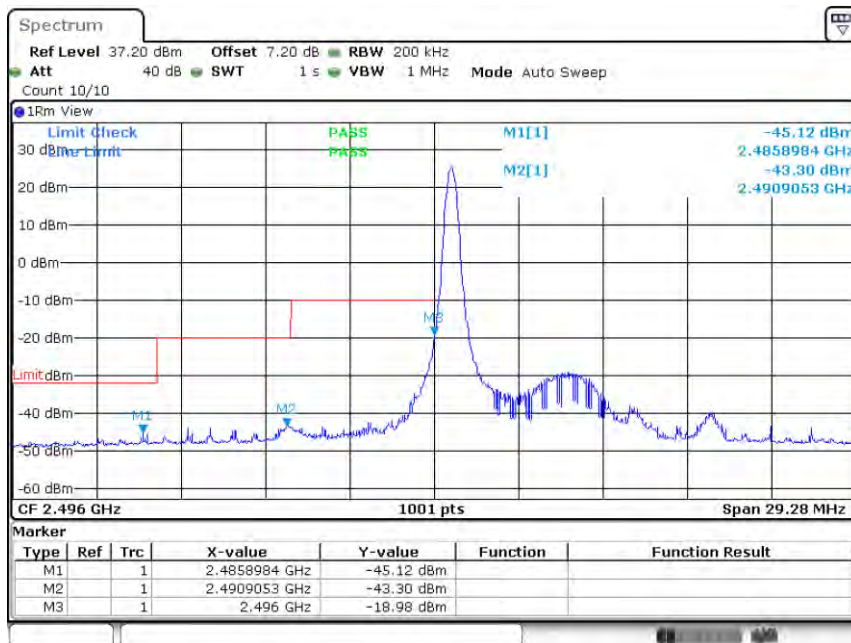


Band41-10MHz-64QAM-41540-50RB#0



Date: 3.FEB.2021 19:51:36

Band41-10MHz-16QAM-39700-1RB#0



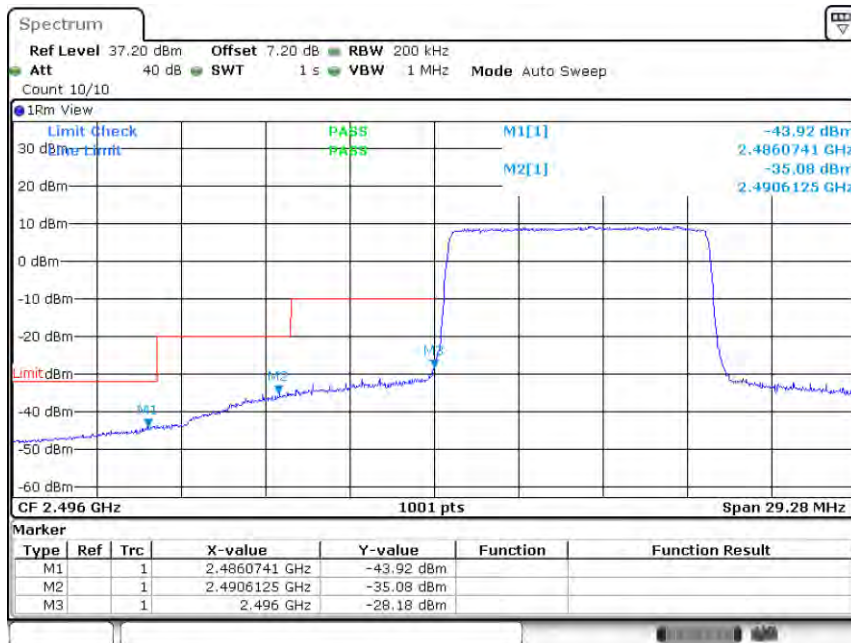
Date: 3.FEB.2021 19:30:28



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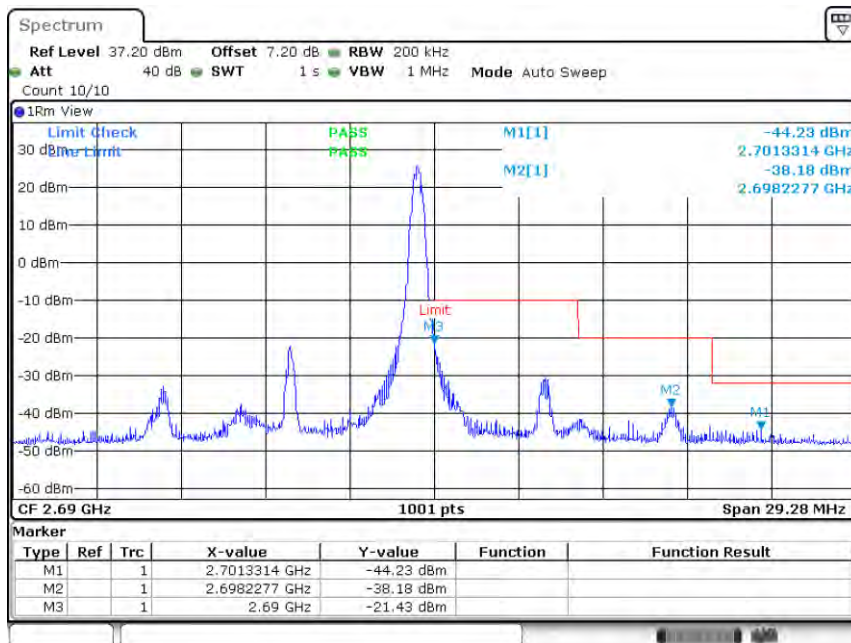


Band41-10MHz-16QAM-39700-50RB#0



Date: 3.FEB.2021 19:32:04

Band41-10MHz-16QAM-41540-1RB#49



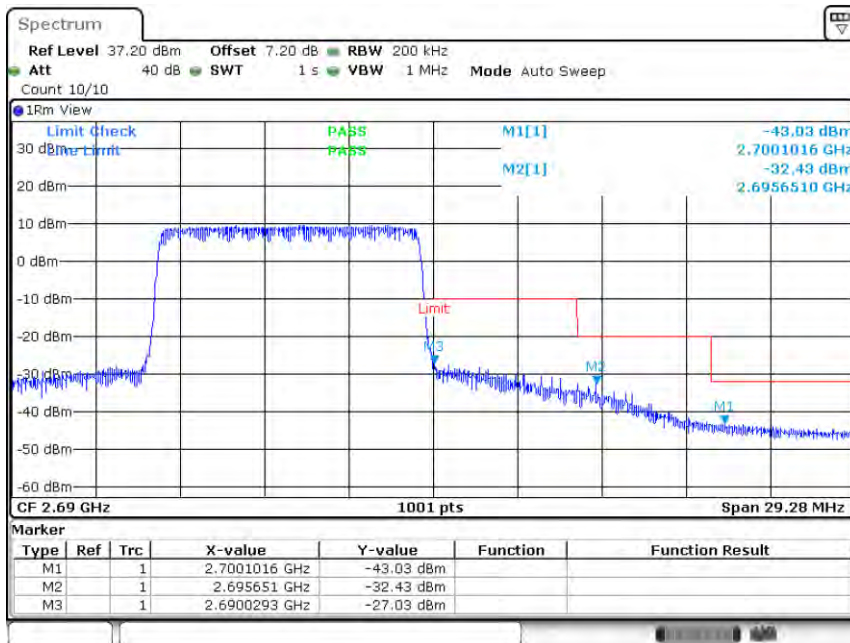
Date: 3.FEB.2021 19:31:16



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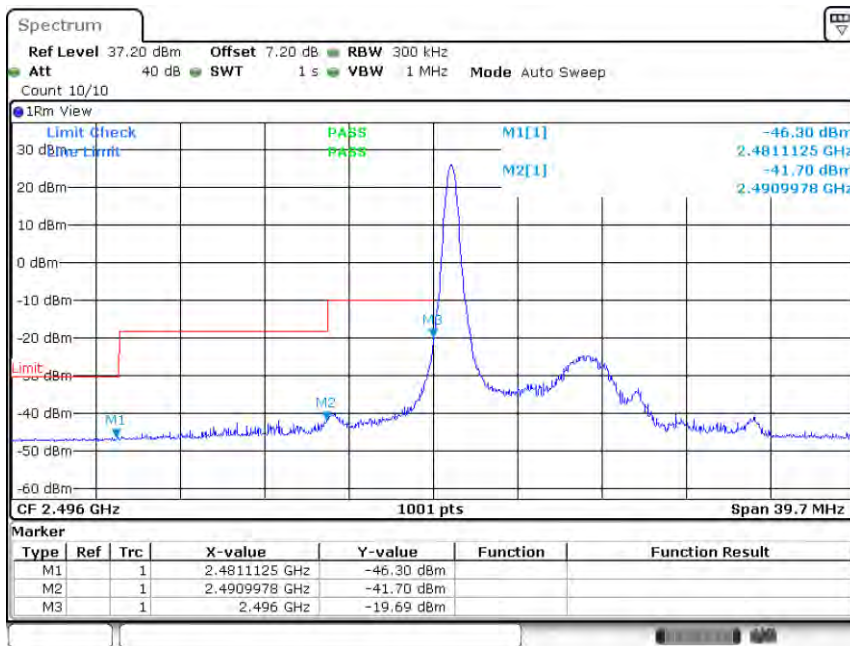


Band41-10MHz-16QAM-41540-50RB#0



Date: 3.FEB.2021 19:32:47

Band41-15MHz-QPSK-39725-1RB#0



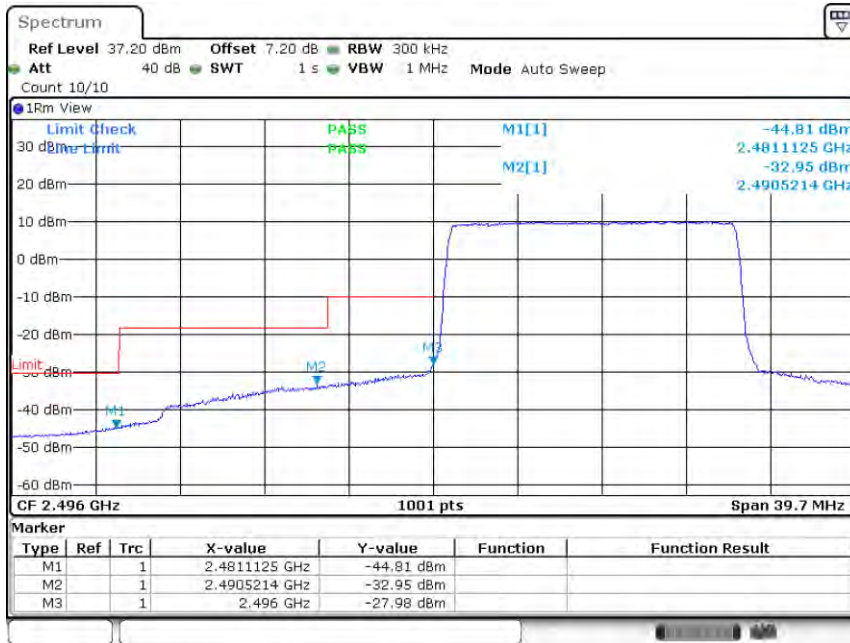
Date: 3.FEB.2021 19:33:14



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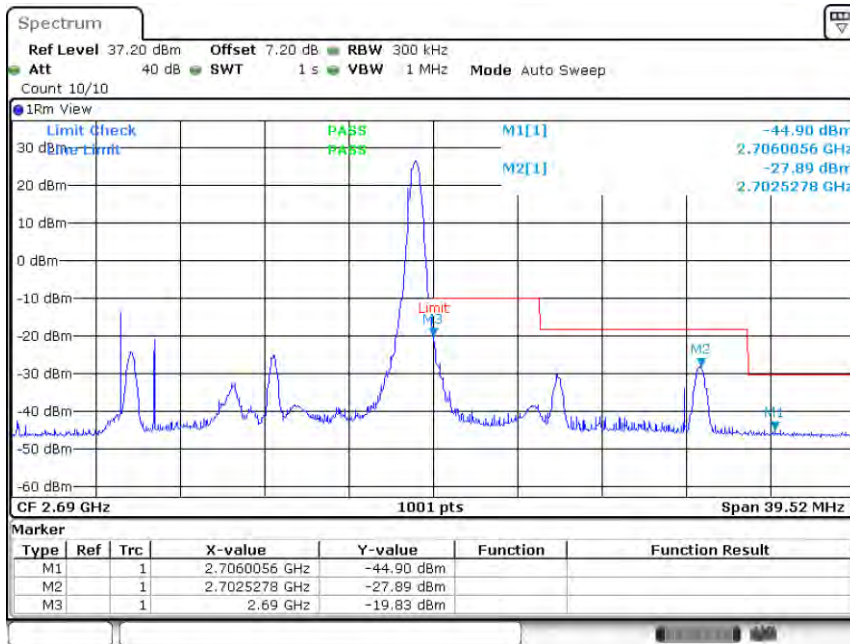


Band41-15MHz-QPSK-39725-75RB#0



Date: 3.FEB.2021 19:34:51

Band41-15MHz-QPSK-41515-1RB#74

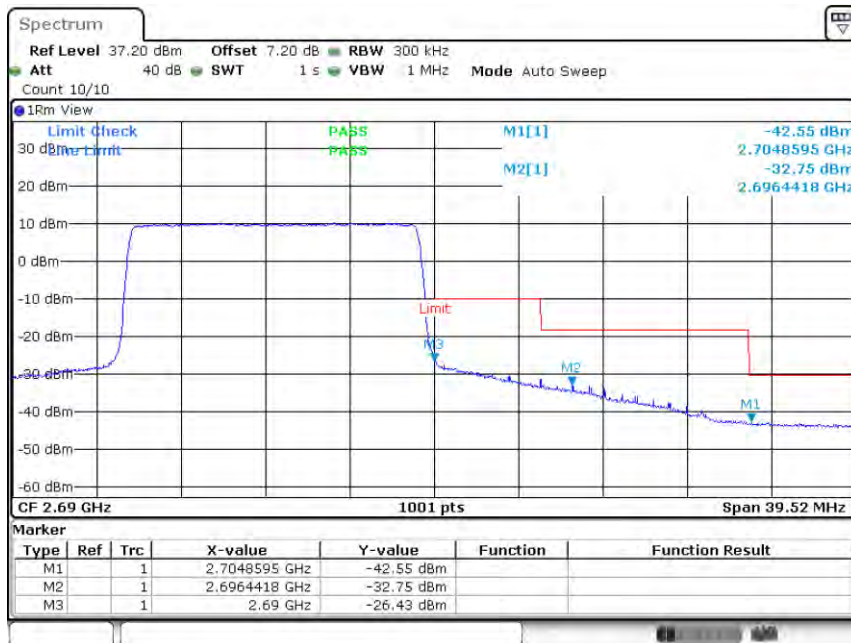


Date: 3.FEB.2021 19:34:04



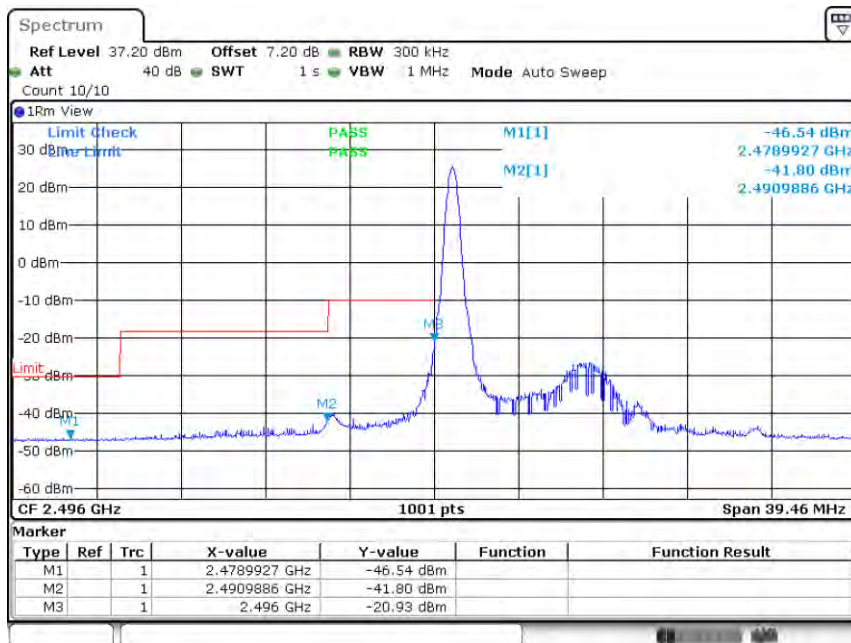
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Band41-15MHz-QPSK-41515-75RB#0



Date: 3.FEB.2021 19:35:34

Band41-15MHz-64QAM-39725-1RB#0

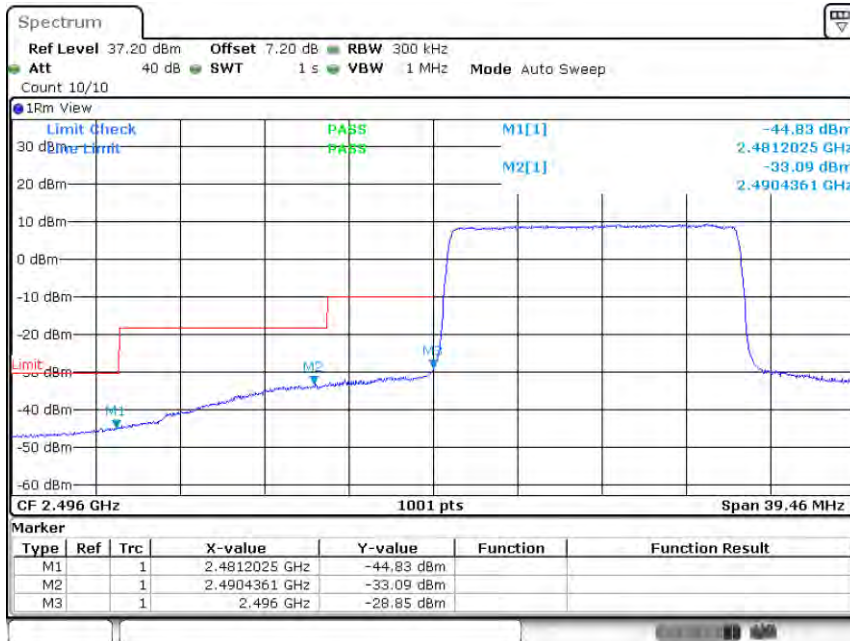


Date: 3.FEB.2021 19:52:03



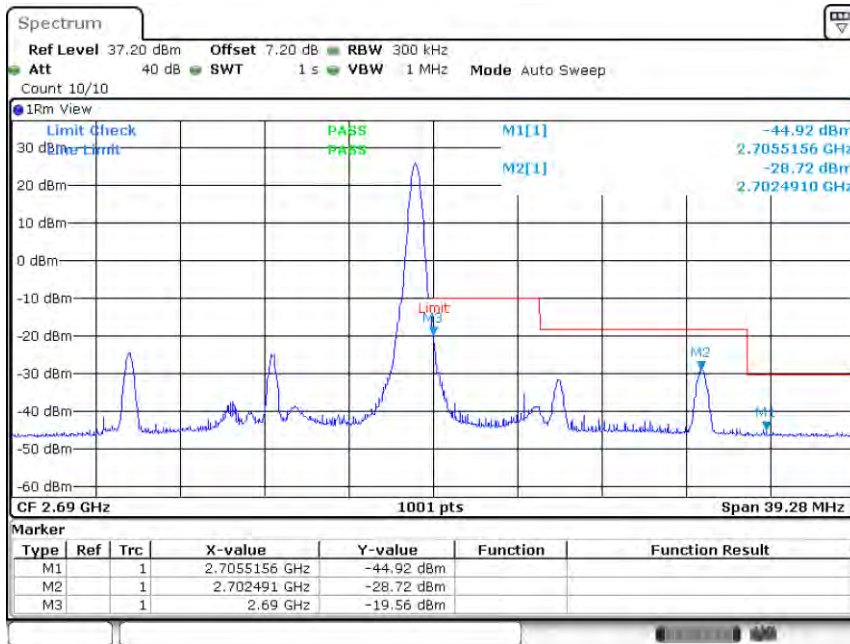
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Band41-15MHz-64QAM-39725-75RB#0



Date: 3.FEB.2021 19:52:55

Band41-15MHz-64QAM-41515-1RB#74

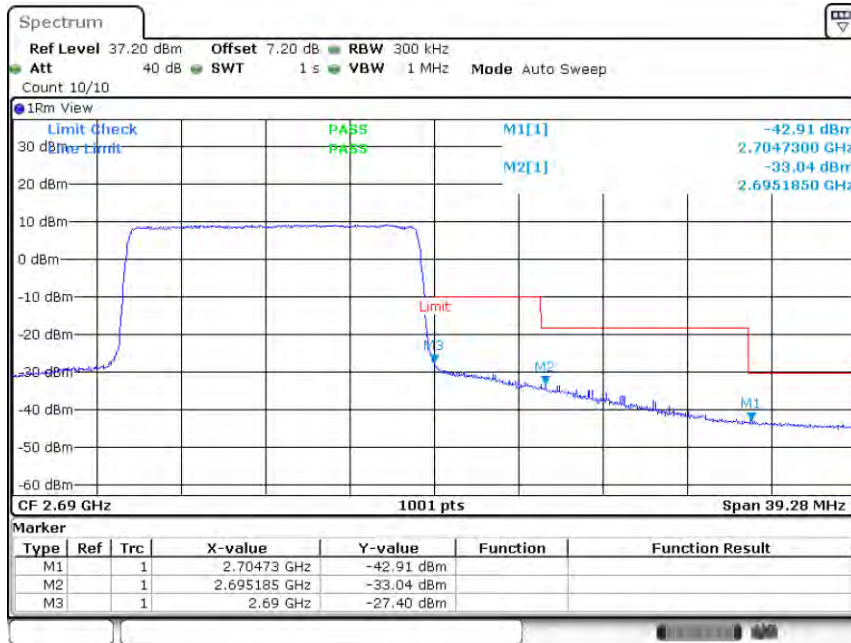


Date: 3.FEB.2021 19:52:29



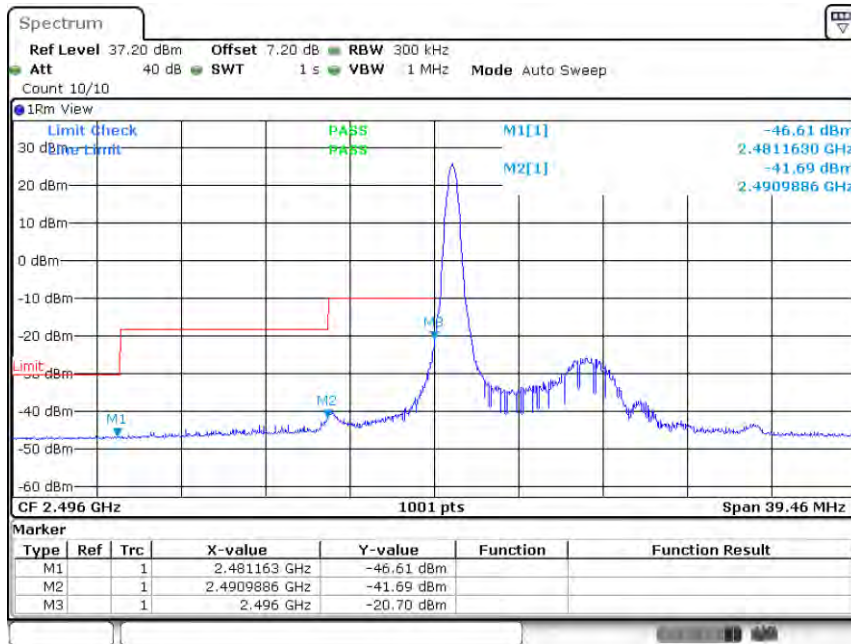
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Band41-15MHz-64QAM-41515-75RB#0



Date: 3.FEB.2021 19:53:17

Band41-15MHz-16QAM-39725-1RB#0

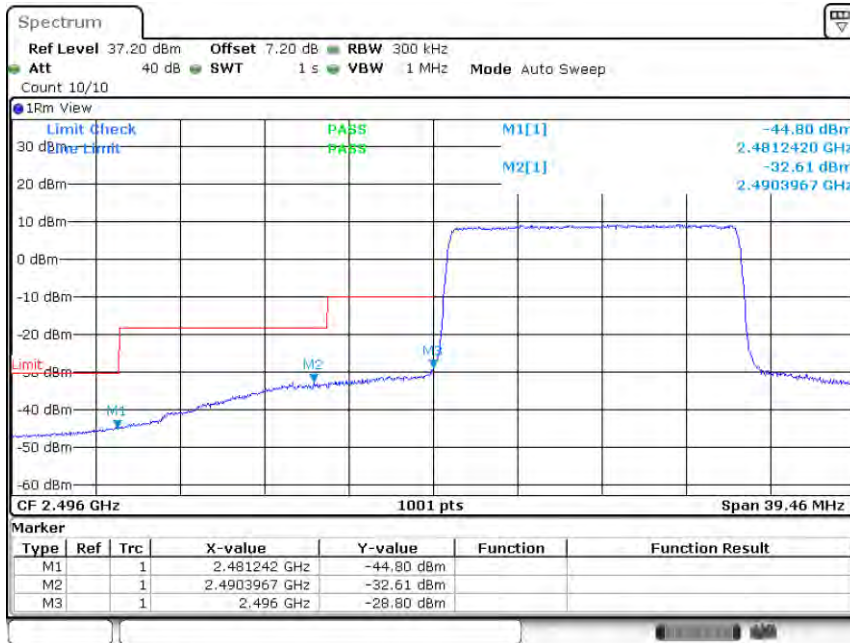


Date: 3.FEB.2021 19:33:37



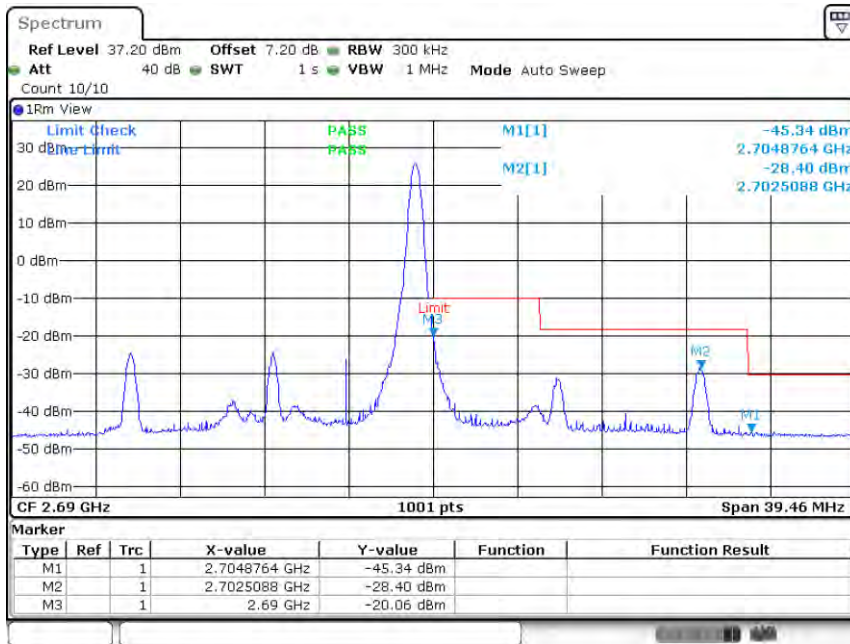
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Band41-15MHz-16QAM-39725-75RB#0



Date: 3.FEB.2021 19:35:13

Band41-15MHz-16QAM-41515-1RB#74

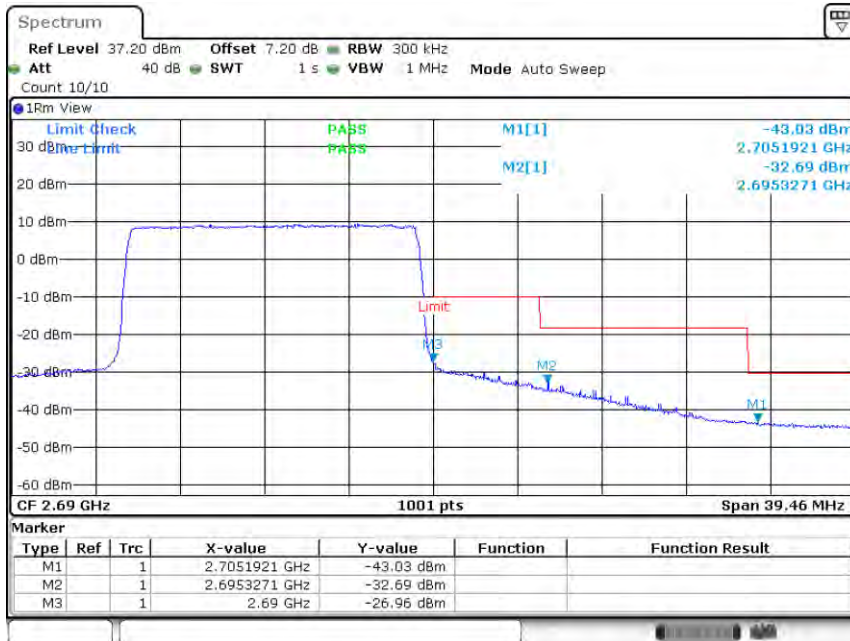


Date: 3.FEB.2021 19:34:25



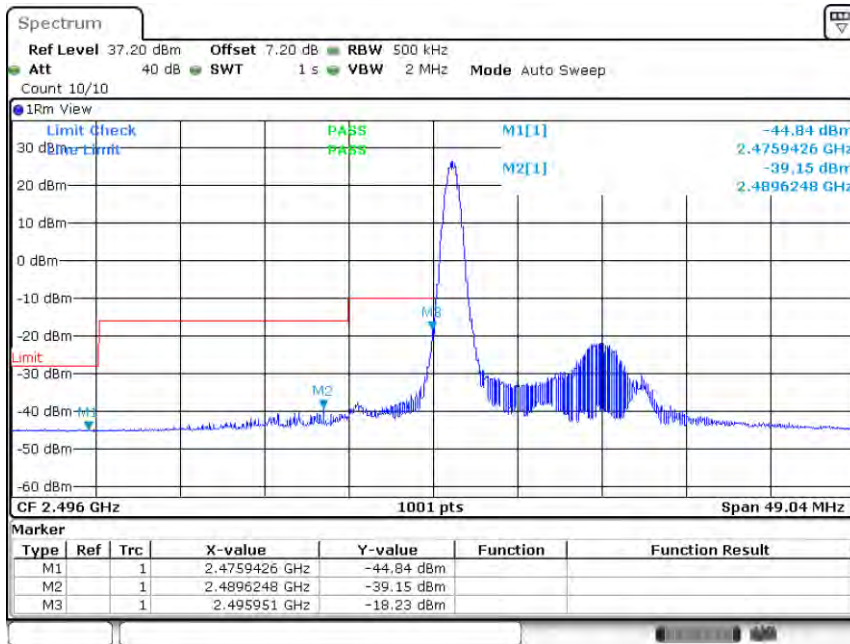
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Band41-15MHz-16QAM-41515-75RB#0



Date: 3.FEB.2021 19:35:56

Band41-20MHz-QPSK-39750-1RB#0

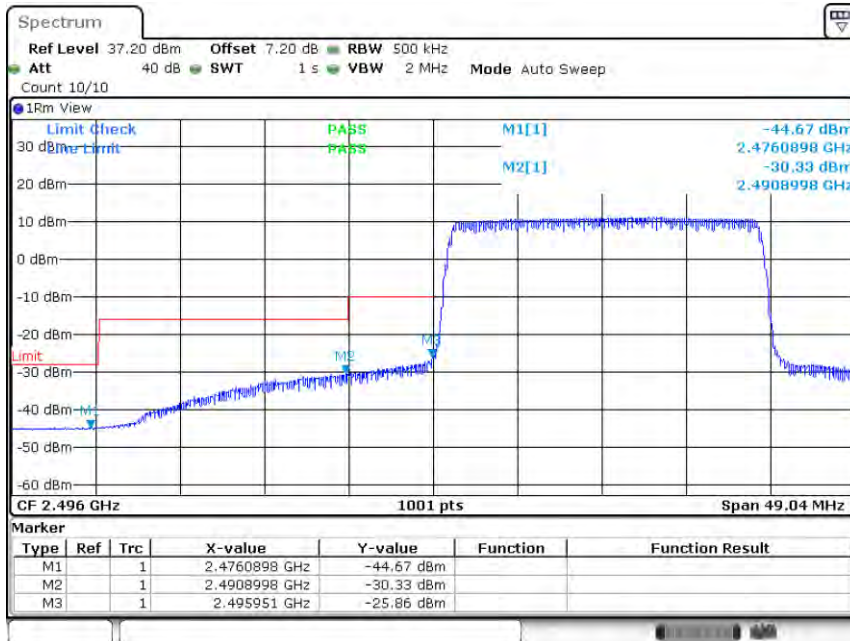


Date: 3.FEB.2021 19:36:23



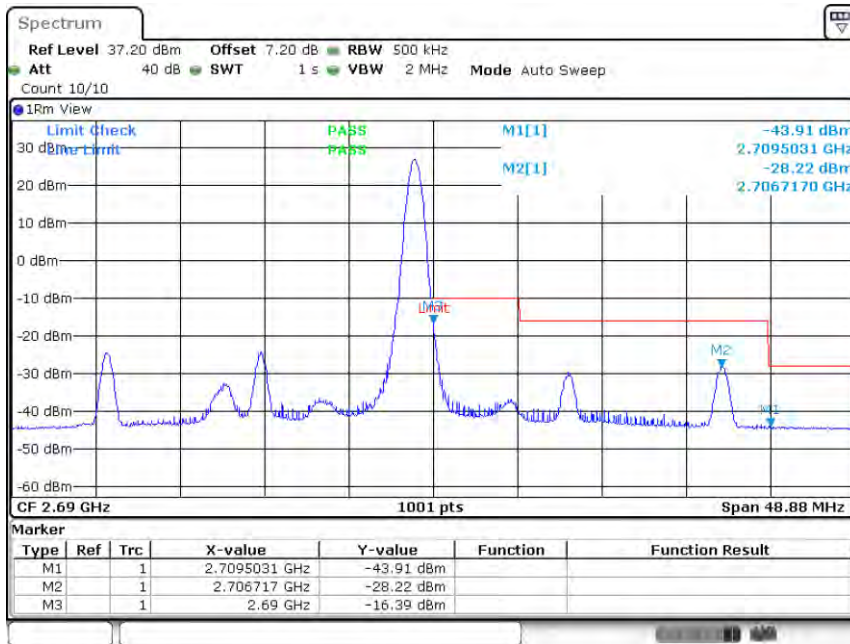
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Band41-20MHz-QPSK-39750-100RB#0



Date: 3.FEB.2021 19:38:00

Band41-20MHz-QPSK-41490-1RB#99

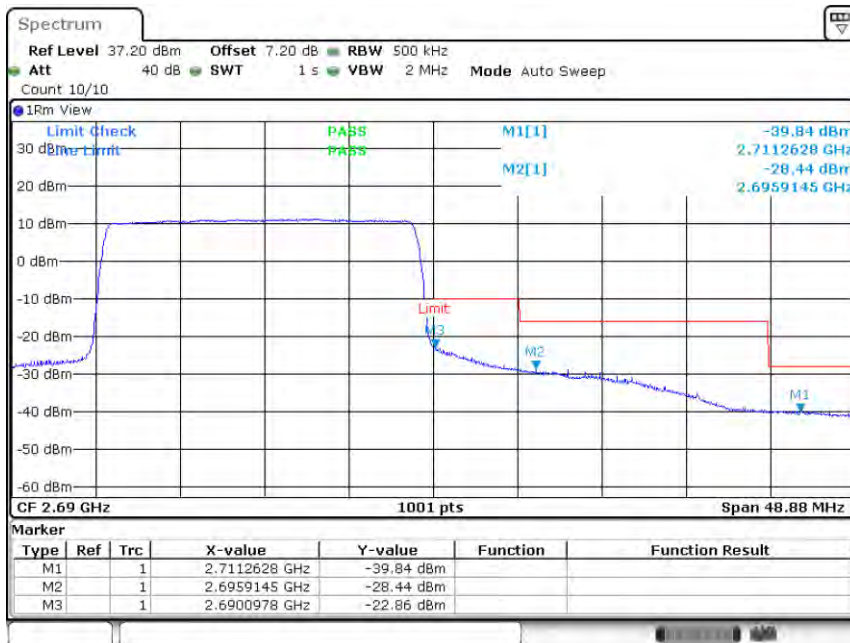


Date: 3.FEB.2021 19:37:12



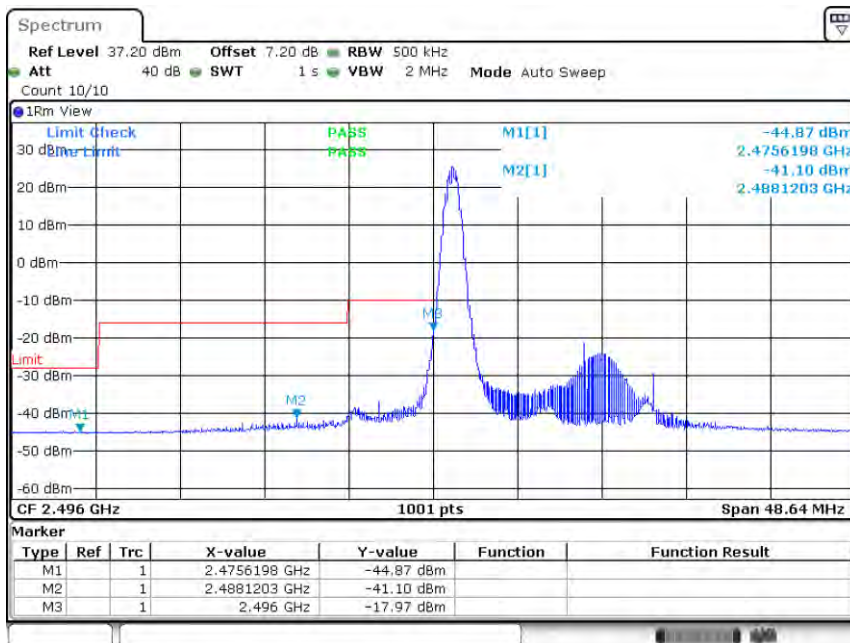
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Band41-20MHz-QPSK-41490-100RB#0



Date: 3.FEB.2021 19:38:57

Band41-20MHz-64QAM-39750-1RB#0

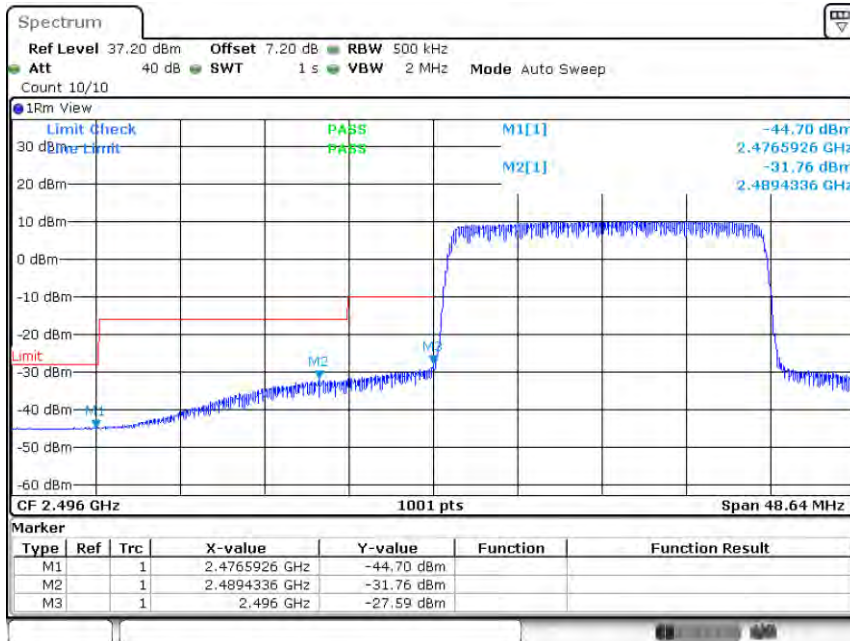


Date: 3.FEB.2021 19:53:44



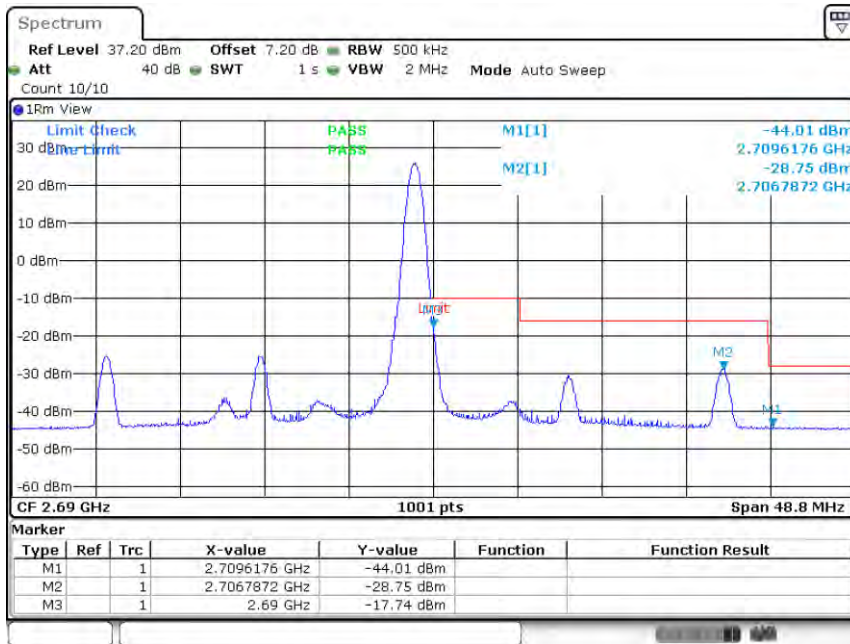
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Band41-20MHz-64QAM-39750-100RB#0



Date: 3.FEB.2021 19:54:37

Band41-20MHz-64QAM-41490-1RB#99

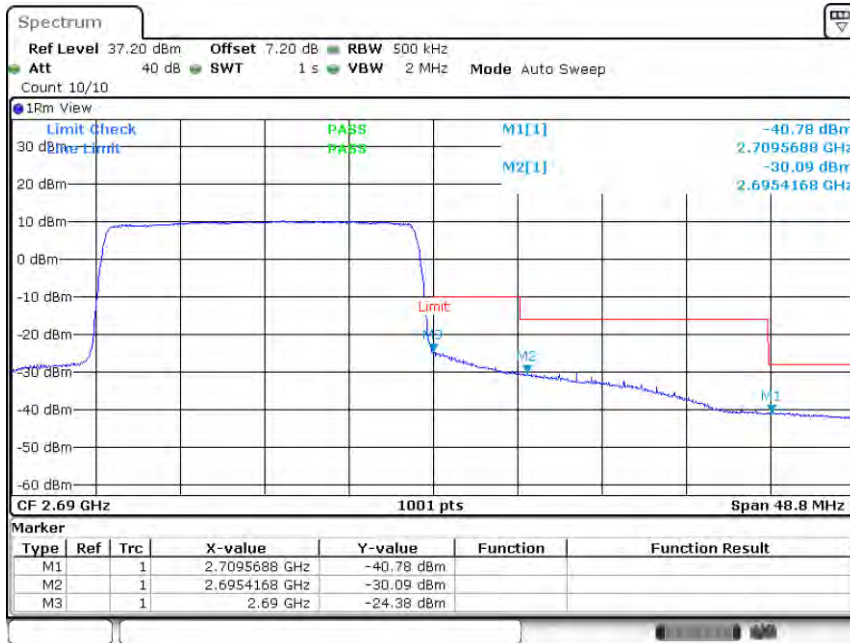


Date: 3.FEB.2021 19:54:10



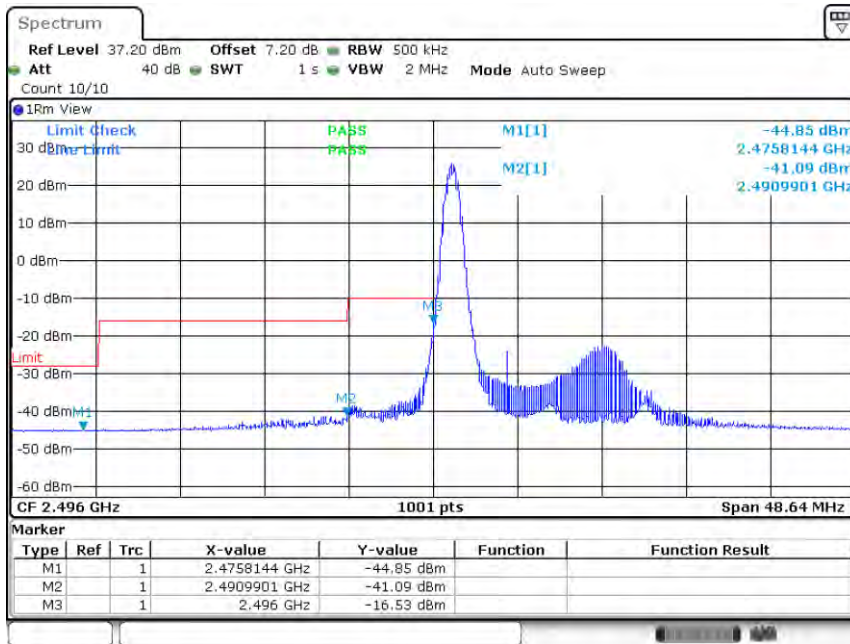
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Band41-20MHz-64QAM-41490-100RB#0



Date: 3.FEB.2021 19:54:59

Band41-20MHz-16QAM-39750-1RB#0

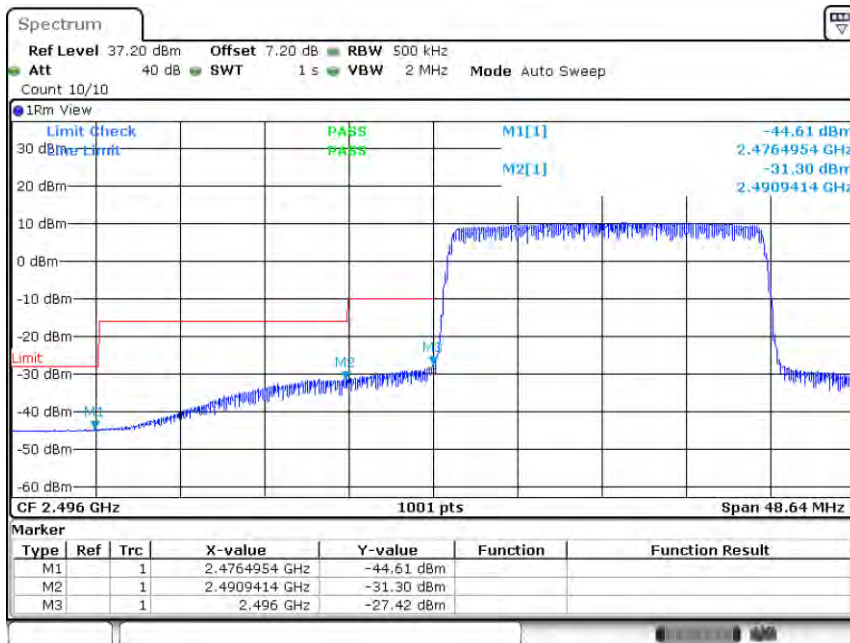


Date: 3.FEB.2021 19:36:44



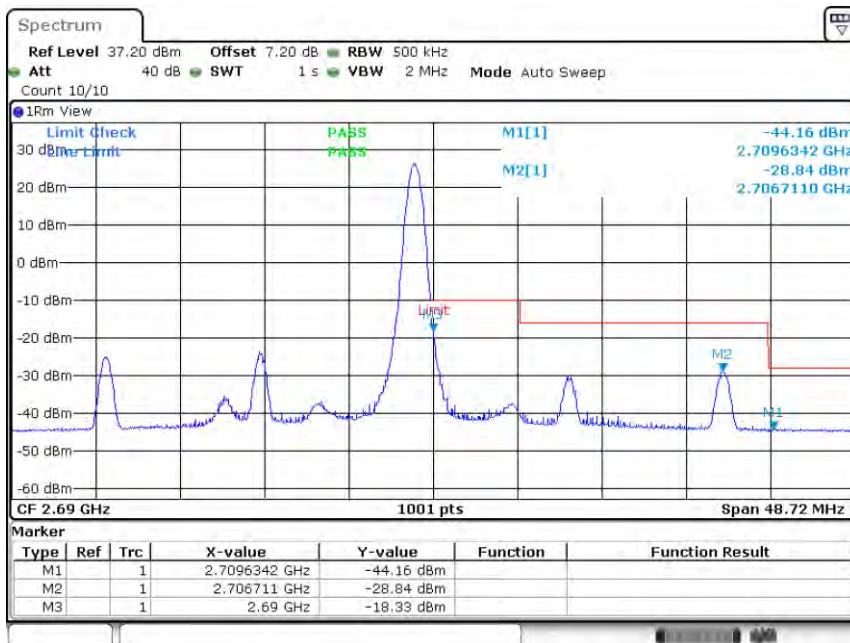
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Band41-20MHz-16QAM-39750-100RB#0



Date: 3.FEB.2021 19:38:22

Band41-20MHz-16QAM-41490-1RB#99

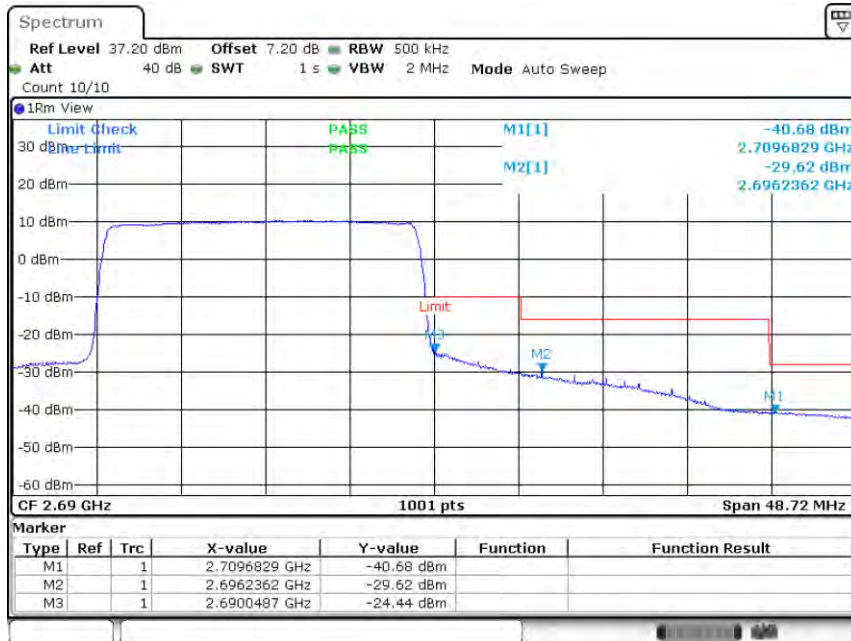


Date: 3.FEB.2021 19:37:33



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Band41-20MHz-16QAM-41490-100RB#0



Date: 3.FEB.2021 19:39:22



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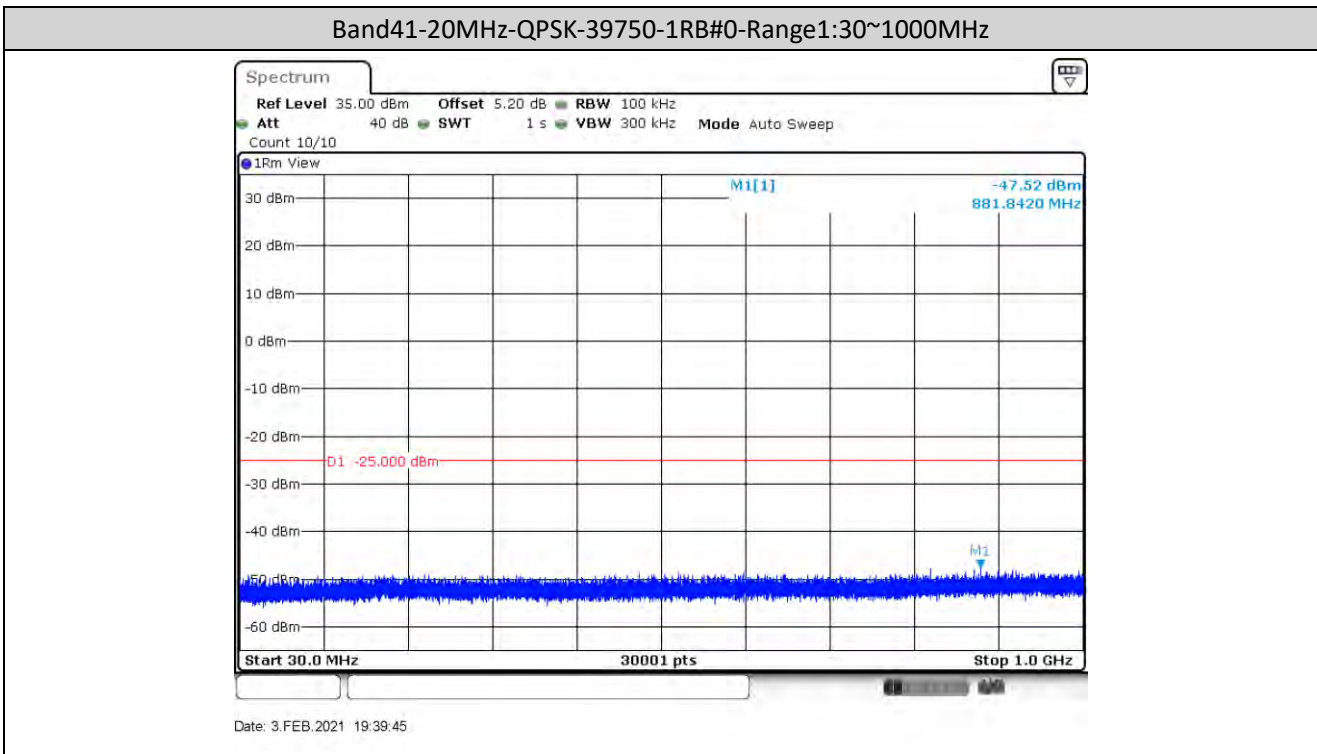
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6. Spurious Emission at Antenna Terminal

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 = $k * (\text{Span} / RBW)$ " 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.

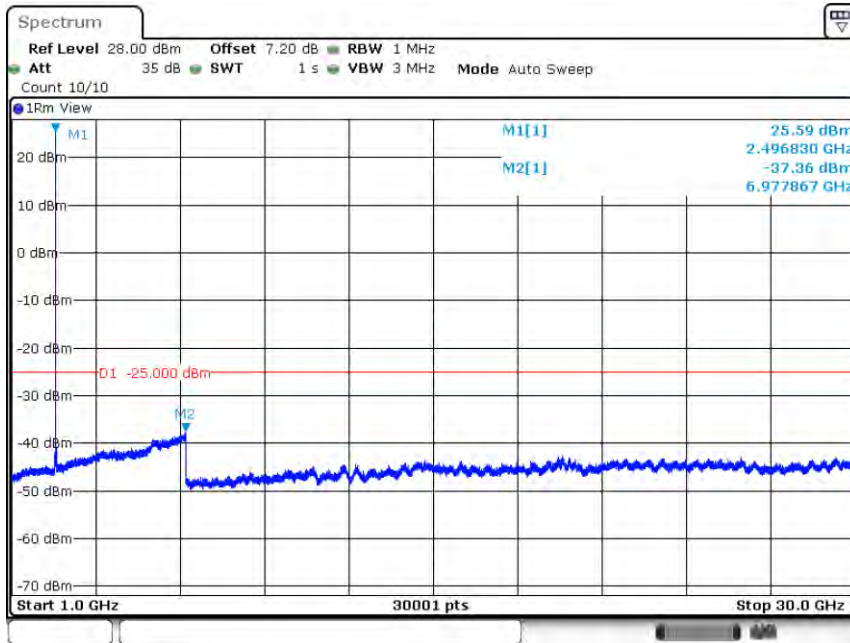
6.1. Test Plots



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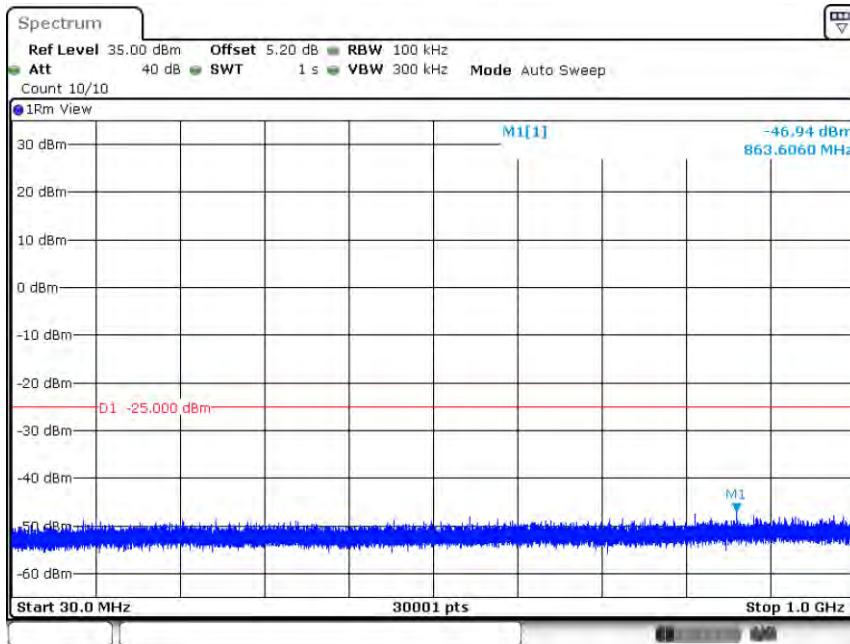
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Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~30000MHz



Date: 3.FEB.2021 19:40:02

Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



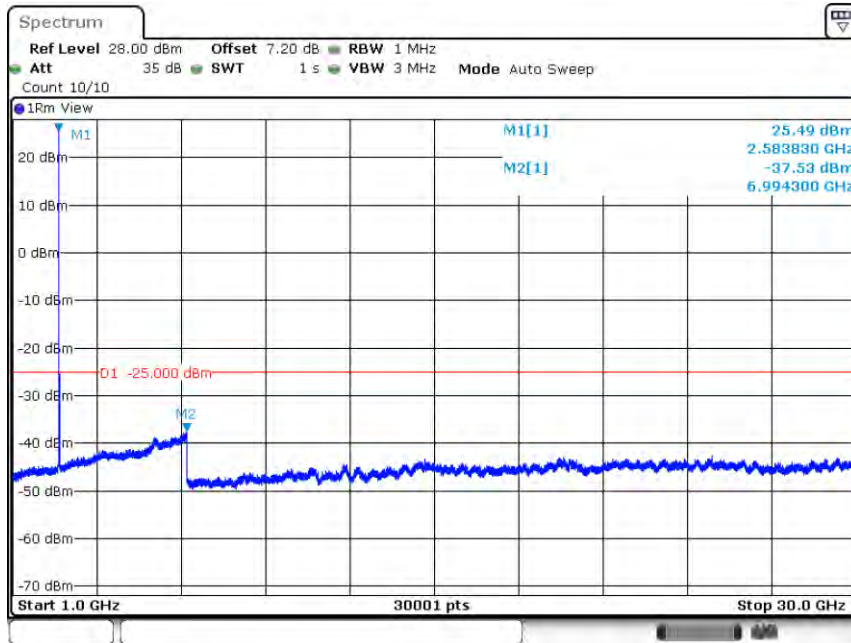
Date: 3.FEB.2021 19:40:56



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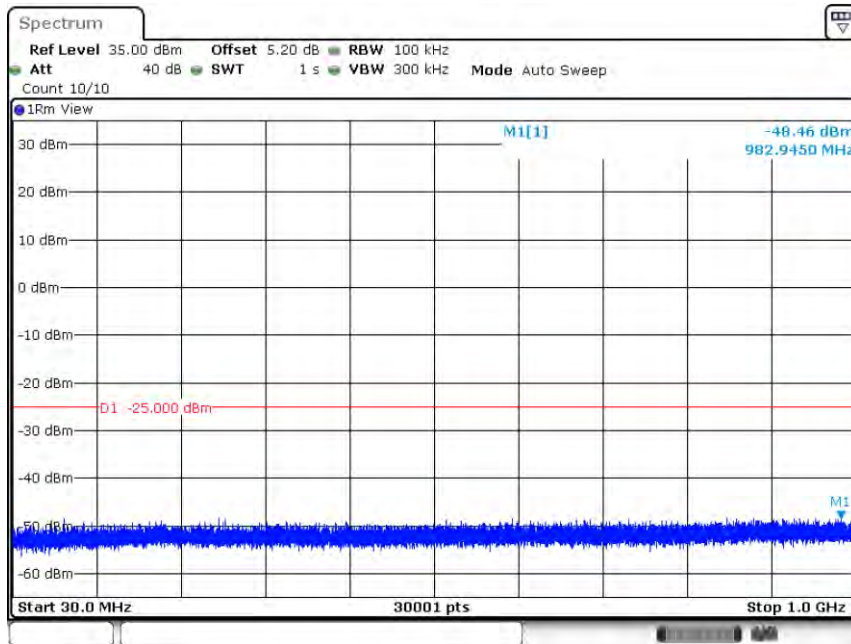
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Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~30000MHz



Date: 3.FEB.2021 19:41:12

Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz



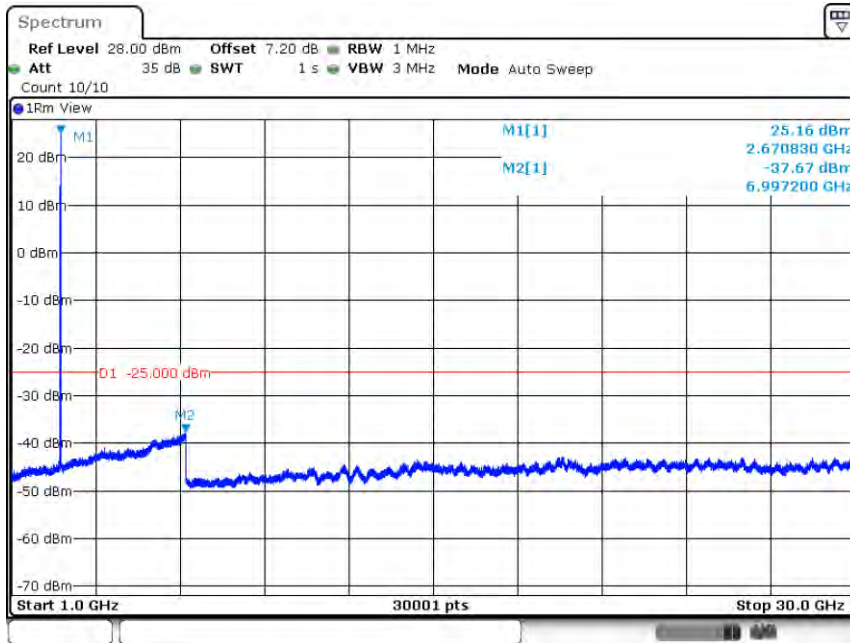
Date: 3.FEB.2021 19:42:06



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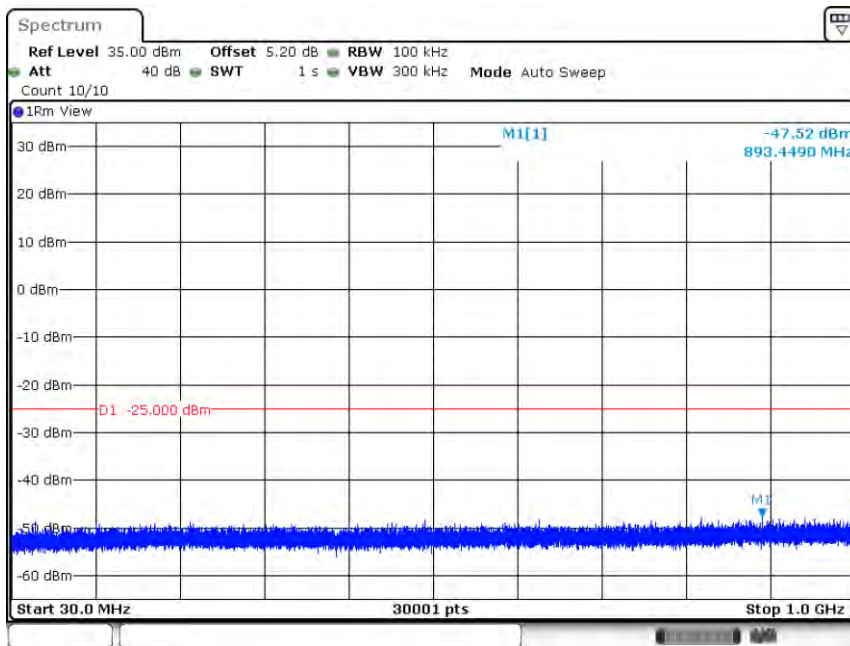
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Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~30000MHz



Date: 3.FEB.2021 19:42:23

Band41-20MHz-64QAM-39750-1RB#0-Range1:30~1000MHz



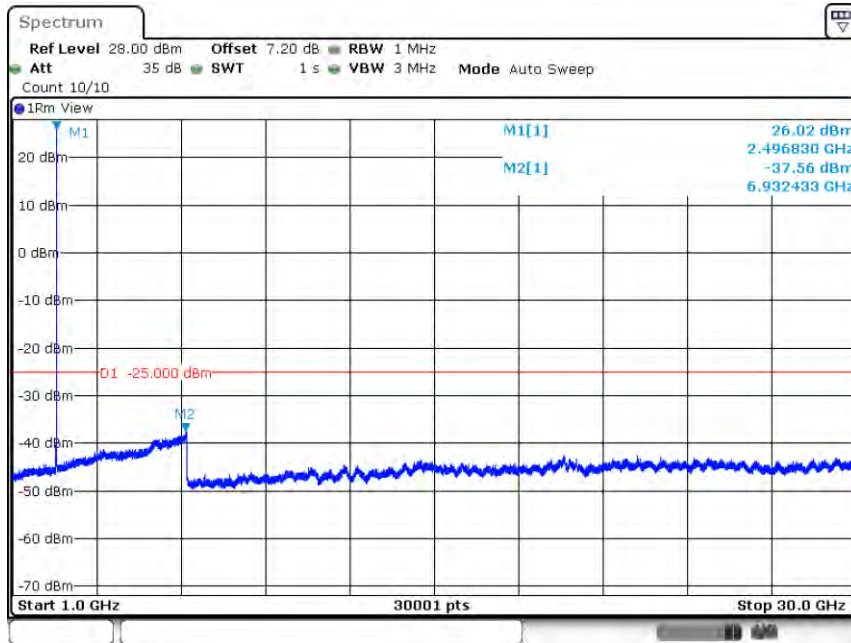
Date: 3.FEB.2021 19:55:26



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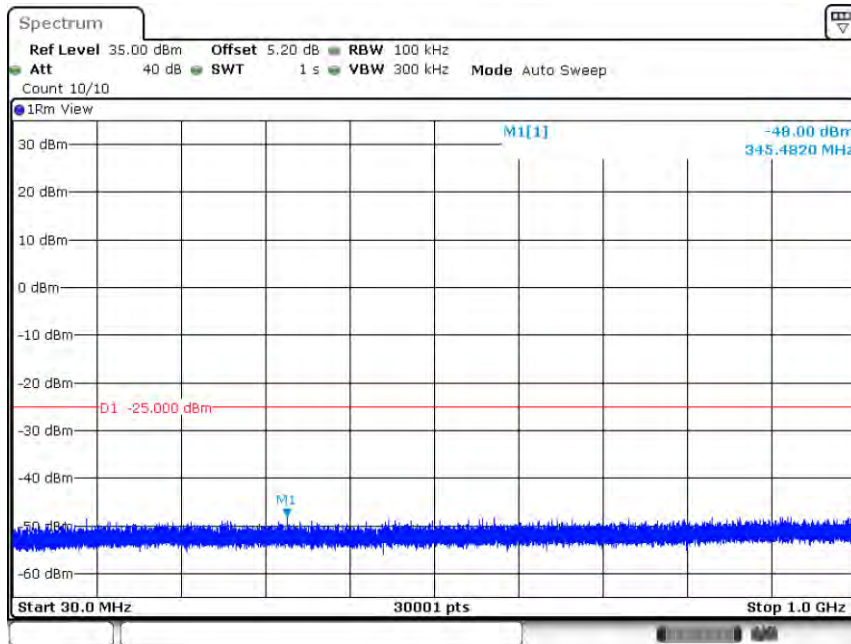
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Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 3.FEB.2021 19:55:43

Band41-20MHz-64QAM-40620-1RB#0-Range1:30~1000MHz



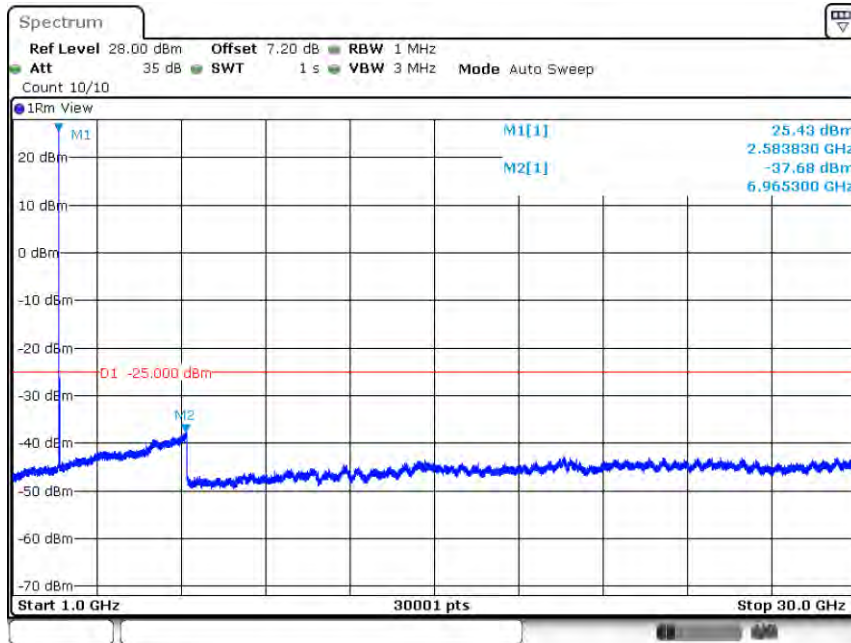
Date: 3.FEB.2021 19:56:02



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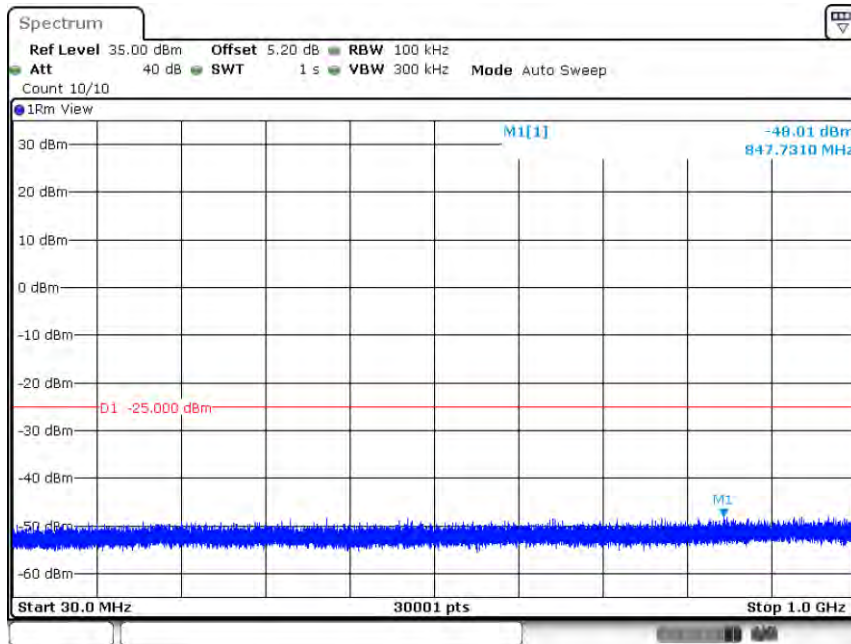
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Band41-20MHz-64QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 3.FEB.2021 19:56:18

Band41-20MHz-64QAM-41490-1RB#0-Range1:30~1000MHz



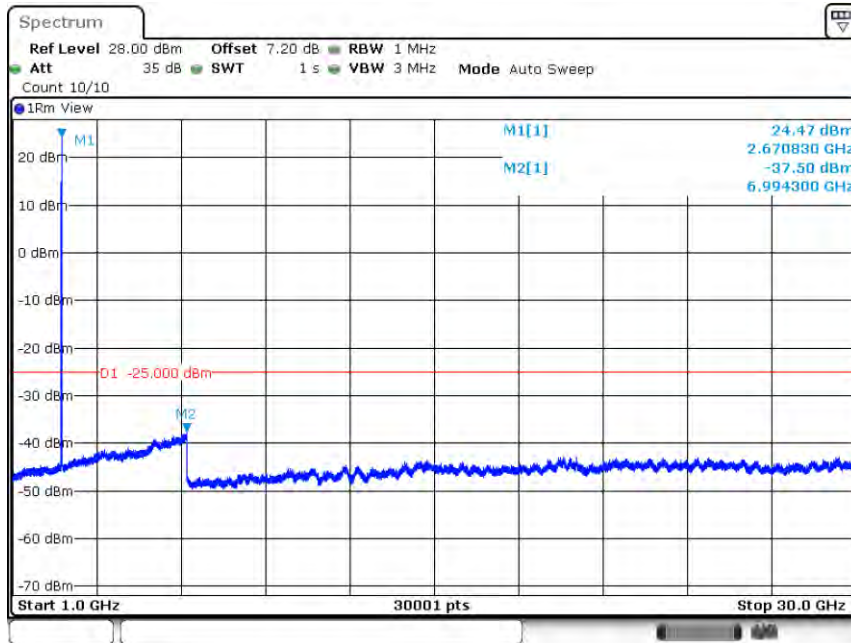
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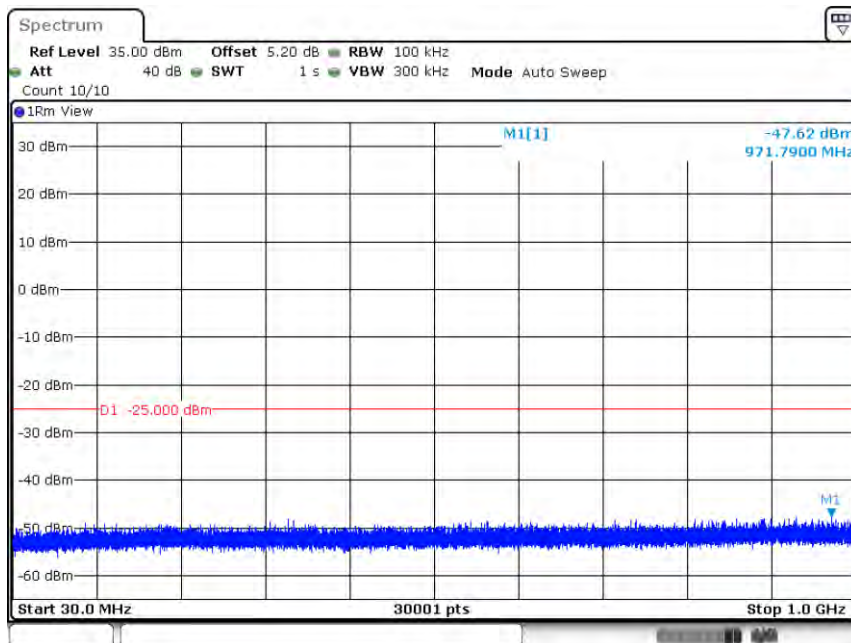
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Band41-20MHz-64QAM-41490-1RB#0-Range2:1000~30000MHz



Date: 3.FEB.2021 19:56:54

Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



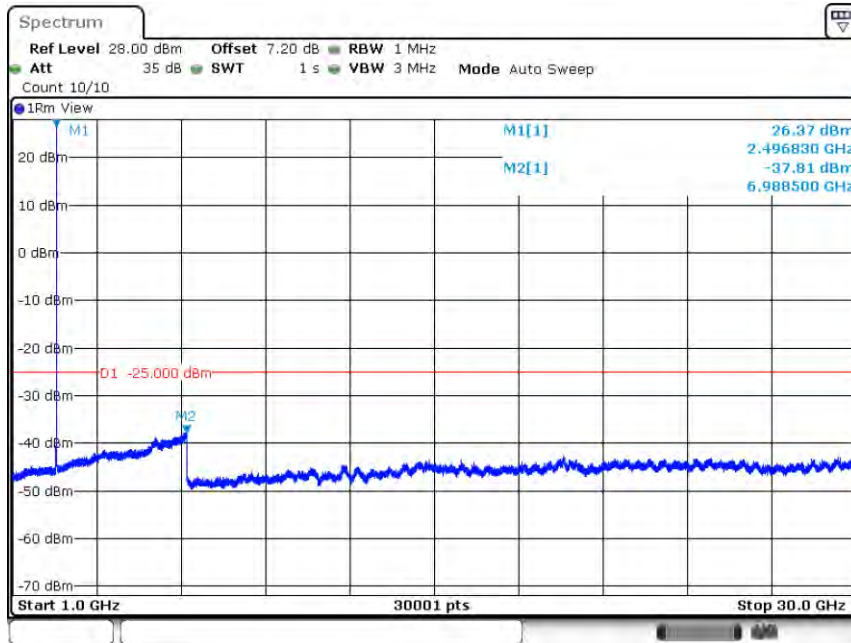
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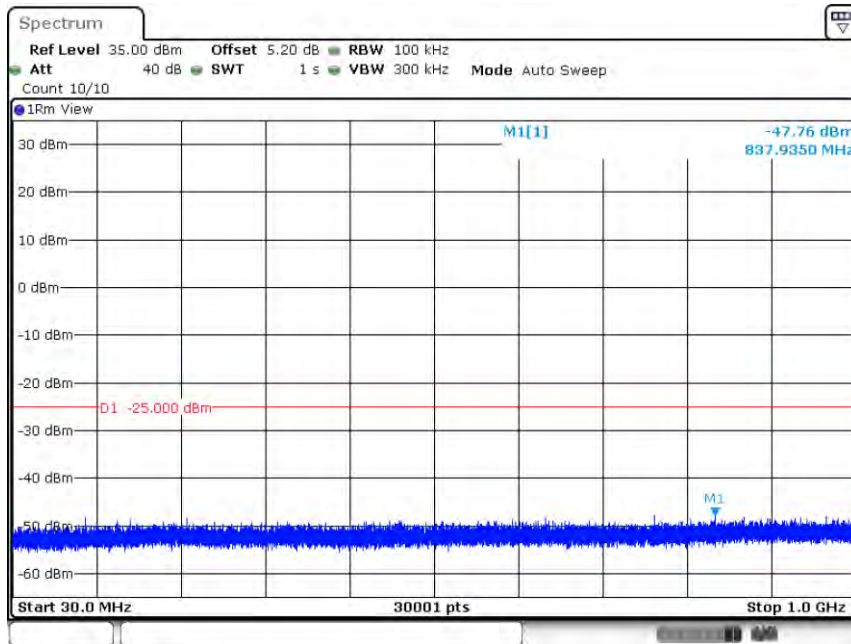
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Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 3.FEB.2021 19:40:37

Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



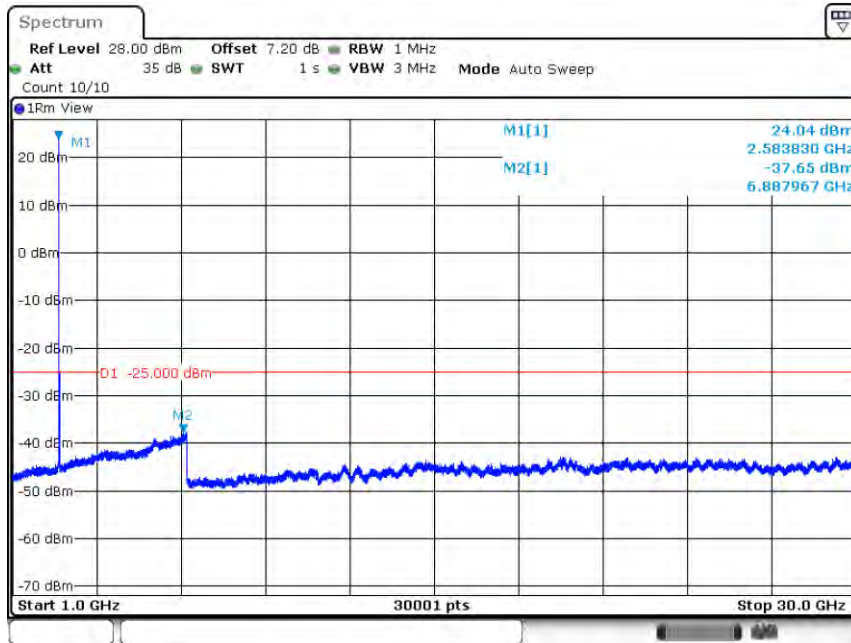
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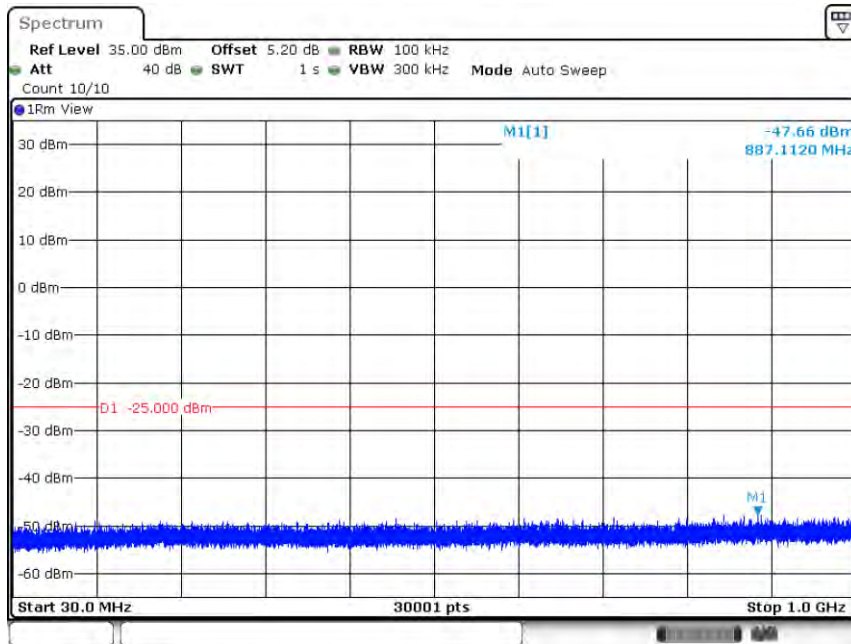
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Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 3.FEB.2021 19:41:47

Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz



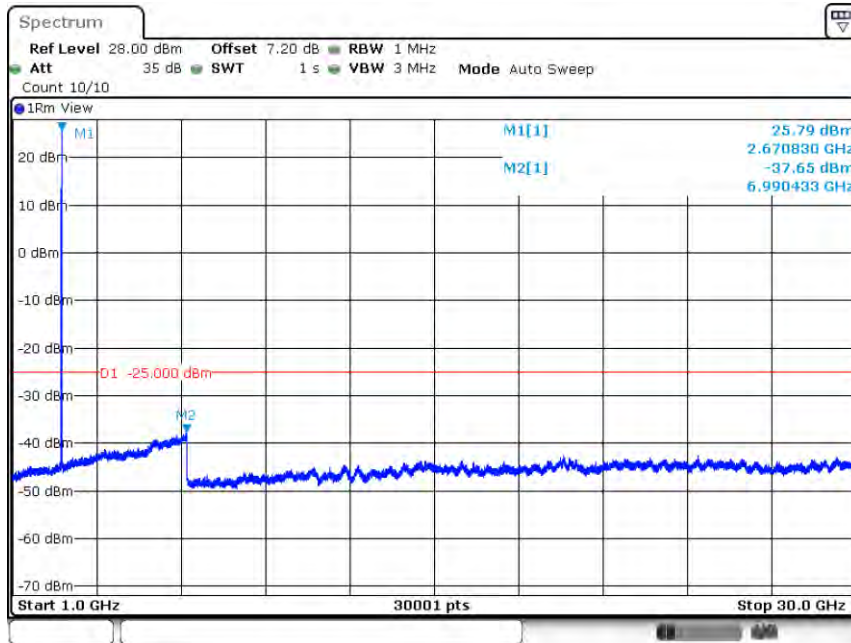
Date: 3.FEB.2021 19:42:41



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Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~30000MHz



Date: 3.FEB.2021 19:42:58



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_41_TM1 ANT 2

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.0586	-70.66	-63.84	-25.00	38.84	Horizontal
2	82.3341	-70.36	-74.78	-25.00	49.78	Horizontal
3	238.0269	-69.88	-67.08	-25.00	42.08	Horizontal
4	3730.5244	-52.53	-61.01	-25.00	36.01	Horizontal
5	7452.1484	-57.54	-57.57	-25.00	32.57	Horizontal
6	16386.446	-60.36	-46.15	-25.00	21.15	Horizontal



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7.2. Test Band = LTE_41_TM1 ANT 2

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.4365	-69.52	-74.10	-25.00	49.10	Vertical
2	109.7865	-71.14	-64.78	-25.00	39.78	Vertical
3	640.6455	-70.17	-62.67	-25.00	37.67	Vertical
4	3731.5244	-52.81	-62.02	-25.00	37.02	Vertical
5	7420.6474	-57.07	-56.61	-25.00	31.61	Vertical
6	17995.499	-60.58	-42.81	-25.00	17.81	Vertical



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7.3. Test Band = LTE_41_TM1 ANT 2

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.0885	-70.73	-63.97	-25.00	38.97	Horizontal
2	109.3015	-70.36	-75.44	-25.00	50.44	Horizontal
3	246.3208	-71.10	-68.45	-25.00	43.45	Horizontal
4	3621.0207	-52.50	-60.68	-25.00	35.68	Horizontal
5	7442.1481	-57.20	-57.23	-25.00	32.23	Horizontal
6	16390.446	-60.24	-45.96	-25.00	20.96	Horizontal



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7.4. Test Band = LTE_41_TM1 ANT 2

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.9700	-69.64	-74.75	-25.00	49.75	Vertical
2	111.4841	-70.51	-64.23	-25.00	39.23	Vertical
3	612.5141	-70.88	-63.28	-25.00	38.28	Vertical
4	3599.5200	-52.82	-61.90	-25.00	36.90	Vertical
5	7357.6453	-57.39	-56.87	-25.00	31.87	Vertical
6	17994.999	-60.36	-42.61	-25.00	17.61	Vertical



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7.5. Test Band = LTE_41_TM1 ANT 2

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.3382	-70.51	-63.58	-25.00	38.58	Horizontal
2	96.6908	-70.31	-75.41	-25.00	50.41	Horizontal
3	248.7944	-70.97	-68.37	-25.00	43.37	Horizontal
4	3536.0179	-52.56	-61.19	-25.00	36.19	Horizontal
5	7448.6483	-56.96	-56.99	-25.00	31.99	Horizontal
6	16396.446	-60.59	-46.20	-25.00	21.20	Horizontal



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7.6. Test Band = LTE_41_TM1 ANT 2

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.4365	-70.13	-74.71	-25.00	49.71	Vertical
2	112.3086	-71.30	-65.09	-25.00	40.09	Vertical
3	595.5383	-70.78	-63.36	-25.00	38.36	Vertical
4	3636.5212	-52.73	-61.92	-25.00	36.92	Vertical
5	7350.1450	-57.08	-56.56	-25.00	31.56	Vertical
6	17999.000	-60.19	-42.34	-25.00	17.34	Vertical



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7.7. Test Band = LTE_41_TM1 ANT 3

7.7.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.4166	-70.41	-63.52	-25.00	38.52	Horizontal
2	98.9704	-70.12	-74.79	-25.00	49.79	Horizontal
3	244.5747	-72.47	-69.78	-25.00	44.78	Horizontal
4	3635.0212	-52.72	-60.97	-25.00	35.97	Horizontal
5	7383.6461	-57.35	-57.45	-25.00	32.45	Horizontal
6	16391.946	-59.96	-45.65	-25.00	20.65	Horizontal



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7.8. Test Band = LTE_41_TM1 ANT 3

7.8.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.5820	-70.03	-74.75	-25.00	49.75	Vertical
2	110.9020	-70.96	-64.63	-25.00	39.63	Vertical
3	597.8664	-71.38	-63.85	-25.00	38.85	Vertical
4	3557.5186	-52.54	-62.04	-25.00	37.04	Vertical
5	7382.1461	-57.08	-56.54	-25.00	31.54	Vertical
6	17987.999	-59.13	-41.55	-25.00	16.55	Vertical



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7.9. Test Band = LTE_41_TM1 ANT 3

7.9.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.5693	-70.45	-63.76	-25.00	38.76	Horizontal
2	100.0860	-70.13	-74.62	-25.00	49.62	Horizontal
3	241.2281	-72.09	-69.33	-25.00	44.33	Horizontal
4	3617.0206	-53.06	-61.22	-25.00	36.22	Horizontal
5	7443.6481	-56.99	-57.02	-25.00	32.02	Horizontal
6	16369.945	-59.50	-45.59	-25.00	20.59	Horizontal



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7.10. Test Band = LTE_41_TM1 ANT 3

7.10.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.9700	-69.10	-74.21	-25.00	49.21	Vertical
2	108.6709	-70.59	-64.49	-25.00	39.49	Vertical
3	631.0906	-71.06	-63.53	-25.00	38.53	Vertical
4	3597.0199	-52.75	-61.86	-25.00	36.86	Vertical
5	7452.1484	-57.03	-56.72	-25.00	31.72	Vertical
6	17996.999	-59.28	-41.48	-25.00	16.48	Vertical



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7.11. Test Band = LTE_41_TM1 ANT 3

7.11.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.2526	-69.84	-63.01	-25.00	38.01	Horizontal
2	95.8178	-69.82	-75.09	-25.00	50.09	Horizontal
3	249.8615	-72.31	-69.74	-25.00	44.74	Horizontal
4	3636.0212	-53.00	-61.26	-25.00	36.26	Horizontal
5	7378.1459	-56.85	-56.96	-25.00	31.96	Horizontal
6	16380.946	-59.57	-45.46	-25.00	20.46	Horizontal



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7.12. Test Band = LTE_41_TM1 ANT 3

7.12.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.8245	-69.51	-74.47	-25.00	49.47	Vertical
2	114.1032	-70.60	-64.55	-25.00	39.55	Vertical
3	617.8009	-71.30	-63.72	-25.00	38.72	Vertical
4	3612.5204	-52.92	-62.04	-25.00	37.04	Vertical
5	7343.1448	-57.25	-56.74	-25.00	31.74	Vertical
6	17995.499	-59.19	-41.42	-25.00	16.42	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 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 The disturbance above 18GHz 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.
- 4 All modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.
- 5 The whole testing has assessed Ant1 & Ant2 & Ant3 & Ant5, But only the worst data Ant2&Ant3 has be reported



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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
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	-11.70	-0.004669	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	-3.00	-0.001197	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	1.60	0.000638	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	-11.90	-0.004589	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-4.10	-0.001581	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	-2.90	-0.001118	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	-2.90	-0.001082	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	-4.10	-0.001530	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	-3.10	-0.001157	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VL	NT	-1.30	-0.000519	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VN	NT	-5.30	-0.002115	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VH	NT	-16.00	-0.006385	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VL	NT	-6.10	-0.002352	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VN	NT	-5.40	-0.002083	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VH	NT	2.40	0.000926	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VL	NT	-22.00	-0.008209	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VN	NT	9.20	0.003433	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VH	NT	-20.10	-0.007500	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	-5.50	-0.002195	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	-4.80	-0.001915	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	-4.40	-0.001756	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	-12.60	-0.004859	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	-3.10	-0.001196	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	-5.40	-0.002083	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	0.60	0.000224	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	1.50	0.000560	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-1.20	-0.000448	±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
Band41	20MHz	QPSK	39750	100RB#0	NV	-30	0.60	0.000239	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	-5.10	-0.002035	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-10	-1.80	-0.000718	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	-3.70	-0.001476	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	2.30	0.000918	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	1.80	0.000718	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	-5.10	-0.002035	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	-8.50	-0.003392	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	-4.50	-0.001796	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	-3.90	-0.001504	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	-10.30	-0.003972	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	-10.10	-0.003895	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	0.80	0.000309	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	-1.60	-0.000617	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-5.40	-0.002083	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-3.00	-0.001157	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	-3.00	-0.001157	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-10.50	-0.004049	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	-9.80	-0.003657	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	-1.40	-0.000522	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	-6.20	-0.002313	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	-6.90	-0.002575	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	-8.80	-0.003284	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	-4.60	-0.001716	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	-9.90	-0.003694	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	-3.40	-0.001269	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	0.50	0.000187	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-30	-30.20	-0.012051	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-20	8.70	0.003472	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-10	-6.40	-0.002554	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	0	-21.90	-0.008739	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	10	4.30	0.001716	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	20	-13.60	-0.005427	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	30	-12.30	-0.004908	±2.5	PASS



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Band41	20MHz	64QAM	39750	100RB#0	NV	40	-20.80	-0.008300	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	50	-12.20	-0.004868	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-30	3.80	0.001465	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-20	-18.30	-0.007057	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-10	4.40	0.001697	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	0	14.90	0.005746	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	10	-13.70	-0.005283	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	20	-12.00	-0.004628	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	30	0.90	0.000347	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	40	-14.40	-0.005553	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	50	-15.10	-0.005823	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-30	0.40	0.000149	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-20	6.80	0.002537	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-10	-18.90	-0.007052	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	0	-5.30	-0.001978	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	10	-12.50	-0.004664	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	20	-8.10	-0.003022	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	30	-7.40	-0.002761	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	40	-5.80	-0.002164	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	50	-1.90	-0.000709	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	-8.00	-0.003192	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	-10.90	-0.004350	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-10	-8.00	-0.003192	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	-6.90	-0.002753	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	1.10	0.000439	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	-4.40	-0.001756	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	-9.60	-0.003831	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	-2.10	-0.000838	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	-1.90	-0.000758	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	-1.70	-0.000656	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-20	1.00	0.000386	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-10	-1.00	-0.000386	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	-3.00	-0.001157	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	-12.40	-0.004782	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	-4.80	-0.001851	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	-6.50	-0.002507	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	-4.90	-0.001890	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	-1.00	-0.000386	±2.5	PASS



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Band41	20MHz	16QAM	41490	100RB#0	NV	-30	-5.70	-0.002127	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	-7.90	-0.002948	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	2.10	0.000784	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	-7.80	-0.002910	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	1.50	0.000560	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	-1.40	-0.000522	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	-2.90	-0.001082	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	-4.20	-0.001567	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	-6.20	-0.002313	±2.5	PASS

The End



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