



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)	20
2.1.	TEST RESULT	20
2.2.	TEST PLOTS.....	20
3.	MODULATION CHARACTERISTICS	25
3.1.	TEST MODE = LTE /TM1 20MHZ.....	25
3.1.1.	TEST CHANNEL = MCH.....	25
3.2.	TEST MODE = LTE /TM2 20MHZ.....	26
3.2.1.	TEST CHANNEL = MCH.....	26
3.3.	TEST MODE = LTE /TM3 20MHZ.....	27
3.3.1.	TEST CHANNEL = MCH.....	27
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	28
4.1.	TEST RESULT	28
4.2.	TEST PLOTS.....	29
5.	BAND EDGE COMPLIANCE	48
5.1.	TEST PLOTS.....	48
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL	73
6.1.	TEST PLOTS.....	73
7.	FIELD STRENGTH OF SPURIOUS RADIATION.....	83
7.1.	Test Band = _41 _TM1 ANT3.....	83
7.1.1.	Test Channel = Low Channel	83
7.2.	Test Band = _41 _TM1 ANT3.....	84
7.2.1.	Test Channel = Low Channel	84
7.3.	Test Band = _41 _TM1 ANT3.....	85
7.3.1.	Test Channel = Mid Channel	85
7.4.	Test Band = _41 _TM1 ANT3.....	86
7.4.1.	Test Channel = Mid Channel	86
7.5.	Test Band = _41 _TM1 ANT3.....	87
7.5.1.	Test Channel = High Channel	87



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7.6.	Test Band = _41 _TM1 ANT3	88
7.6.1.	Test Channel = High Channel	88
7.7.	Test Band = _41 _TM1 ANT4	90
7.7.1.	Test Channel = Low Channel	90
7.8.	Test Band = _41 _TM1 ANT4	91
7.8.1.	Test Channel = Low Channel	91
7.9.	Test Band = _41 _TM1 ANT4	92
7.9.1.	Test Channel = Middle Channel	92
7.10.	Test Band = _41 _TM1 ANT4	93
7.10.1.	Test Channel = Middle Channel	93
7.11.	Test Band = _41 _TM1 ANT4	94
7.11.1.	Test Channel = High Channel	94
7.12.	Test Band = _41 _TM1 ANT4	95
7.12.1.	Test Channel = High Channel	95
8.	FREQUENCY STABILITY	96
8.1.	FREQUENCY VS VOLTAGE	96
8.2.	FREQUENCY VS TEMPERATURE	97



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT3:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.00	20.10	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.13	20.23	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.10	20.20	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	21.09	20.19	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	21.10	20.20	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.10	20.20	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.07	20.17	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	20.96	20.06	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	20.99	20.09	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	20.99	20.09	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.13	20.23	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.03	20.13	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.04	20.14	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.02	20.12	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	20.68	19.78	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	20.79	19.89	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	20.61	19.71	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	20.76	19.86	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	20.80	19.90	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	20.76	19.86	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	20.69	19.79	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.08	20.18	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.07	20.17	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.13	20.23	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	20.05	19.15	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	20.04	19.14	33.00	PASS



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Band41	5MHz	16QAM	39675	12RB#13	20.00	19.10	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	20.13	19.23	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.05	20.15	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.02	20.12	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.13	20.23	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	19.99	19.09	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	20.04	19.14	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	19.97	19.07	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.08	19.18	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	20.80	19.90	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	20.81	19.91	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	20.80	19.90	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	19.69	18.79	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	19.67	18.77	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	19.70	18.80	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	19.83	18.93	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	20.02	19.12	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	20.07	19.17	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	20.05	19.15	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	19.02	18.12	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	19.04	18.14	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	18.97	18.07	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	19.04	18.14	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	19.98	19.08	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	19.95	19.05	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	20.02	19.12	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	18.93	18.03	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	18.96	18.06	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	18.88	17.98	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	19.00	18.10	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	19.76	18.86	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	19.77	18.87	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	19.73	18.83	33.00	PASS



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Band41	5MHz	64QAM	41565	12RB#0	18.62	17.72	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	18.59	17.69	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	18.68	17.78	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	18.76	17.86	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	20.91	20.01	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.23	20.33	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.17	20.27	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.13	20.23	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	21.12	20.22	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.22	20.32	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.20	20.30	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	20.94	20.04	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	20.98	20.08	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.00	20.10	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.03	20.13	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.10	20.20	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.12	20.22	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.08	20.18	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	20.75	19.85	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	20.79	19.89	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	20.53	19.63	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	20.85	19.95	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	20.80	19.90	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	20.85	19.95	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	20.83	19.93	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.17	20.27	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.19	20.29	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.19	20.29	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	20.06	19.16	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	20.09	19.19	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	20.21	19.31	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.12	19.22	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	21.10	20.20	33.00	PASS





Band41	10MHz	16QAM	40620	1RB#0	21.12	20.22	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.08	20.18	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	20.12	19.22	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	20.07	19.17	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	20.09	19.19	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.08	19.18	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	20.76	19.86	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	20.82	19.92	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	20.77	19.87	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	19.83	18.93	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	19.86	18.96	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	19.84	18.94	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	19.83	18.93	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	20.06	19.16	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	20.10	19.20	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	20.17	19.27	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	19.01	18.11	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	19.07	18.17	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	19.15	18.25	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	19.12	18.22	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	20.02	19.12	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	20.03	19.13	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	19.99	19.09	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	19.02	18.12	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	19.05	18.15	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	19.07	18.17	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	19.02	18.12	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	19.70	18.80	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	19.77	18.87	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	19.77	18.87	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	18.75	17.85	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	18.76	17.86	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	18.84	17.94	33.00	PASS



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Band41	10MHz	64QAM	41540	50RB#0	18.72	17.82	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	20.99	20.09	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	21.10	20.20	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	21.25	20.35	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	21.16	20.26	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#18	21.16	20.26	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	21.17	20.27	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.20	20.30	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	20.87	19.97	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.07	20.17	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	20.97	20.07	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	21.09	20.19	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	21.04	20.14	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	21.02	20.12	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.08	20.18	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	20.75	19.85	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	20.81	19.91	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	20.64	19.74	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	20.83	19.93	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	20.81	19.91	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	20.72	19.82	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.85	19.95	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	21.14	20.24	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	21.22	20.32	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	21.21	20.31	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	20.07	19.17	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	20.14	19.24	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	20.12	19.22	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	20.08	19.18	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.06	20.16	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.12	20.22	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.07	20.17	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	20.00	19.10	33.00	PASS



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Band41	15MHz	16QAM	40620	36RB#0	19.96	19.06	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#18	19.93	19.03	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.00	19.10	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	20.81	19.91	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	20.77	19.87	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	20.75	19.85	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	19.79	18.89	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	19.76	18.86	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	19.73	18.83	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	19.91	19.01	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	20.10	19.20	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	20.17	19.27	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	20.10	19.20	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	19.07	18.17	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	19.07	18.17	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#18	19.10	18.20	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	19.05	18.15	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	20.01	19.11	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	20.02	19.12	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	20.06	19.16	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	18.90	18.00	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#18	18.86	17.96	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	18.93	18.03	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	18.89	17.99	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	19.75	18.85	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	19.66	18.76	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	19.68	18.78	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	18.70	17.80	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	18.74	17.84	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	18.68	17.78	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	18.80	17.90	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.00	20.10	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.19	20.29	33.00	PASS



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Band41	20MHz	QPSK	39750	1RB#99	21.17	20.27	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.09	20.19	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.24	20.34	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.30	20.40	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.18	20.28	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	20.95	20.05	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.04	20.14	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	20.92	20.02	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.06	20.16	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	21.08	20.18	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	21.09	20.19	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	21.04	20.14	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	20.66	19.76	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	20.79	19.89	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	20.61	19.71	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	20.89	19.99	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	20.83	19.93	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.80	19.90	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	20.84	19.94	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.05	20.15	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.21	20.31	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.20	20.30	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	20.11	19.21	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	20.24	19.34	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	20.37	19.47	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	20.27	19.37	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	20.99	20.09	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.10	20.20	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.01	20.11	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	20.10	19.20	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	20.06	19.16	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	20.01	19.11	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	20.10	19.20	33.00	PASS



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Band41	20MHz	16QAM	41490	1RB#99	20.72	19.82	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	20.74	19.84	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	20.68	19.78	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	19.92	19.02	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	19.84	18.94	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#25	19.77	18.87	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	19.80	18.90	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	19.97	19.07	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	20.10	19.20	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	20.18	19.28	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	19.08	18.18	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	19.19	18.29	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	19.31	18.41	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	19.25	18.35	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	19.99	19.09	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	20.02	19.12	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	19.95	19.05	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	18.99	18.09	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	19.00	18.10	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	18.90	18.00	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	18.99	18.09	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	19.67	18.77	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	19.69	18.79	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	19.68	18.78	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	18.91	18.01	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	18.82	17.92	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	18.73	17.83	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	18.76	17.86	33.00	PASS





ANT4:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	23.18	22.38	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	23.21	22.41	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	23.24	22.44	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	22.19	21.39	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	22.18	21.38	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	22.19	21.39	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	22.11	21.31	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	23.20	22.40	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	23.27	22.47	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	23.19	22.39	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	22.14	21.34	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	22.12	21.32	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	22.12	21.32	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	22.20	21.40	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	23.07	22.27	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	23.19	22.39	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	23.16	22.36	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	22.10	21.30	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	22.08	21.28	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	22.06	21.26	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	22.09	21.29	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.19	21.39	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.21	21.41	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.27	21.47	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	21.08	20.28	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	21.14	20.34	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	21.19	20.39	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	21.16	20.36	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.23	21.43	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	22.23	21.43	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.21	21.41	33.00	PASS



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Band41	5MHz	16QAM	40620	12RB#13	21.15	20.35	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	21.08	20.28	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	21.04	20.24	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.18	20.38	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	22.13	21.33	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	22.13	21.33	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	22.16	21.36	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	20.93	20.13	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	21.03	20.23	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.05	20.25	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.14	20.34	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	21.24	20.44	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	21.16	20.36	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	21.22	20.42	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	20.00	19.20	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	20.12	19.32	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	20.09	19.29	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	20.13	19.33	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	21.30	20.50	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	21.25	20.45	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	21.27	20.47	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	20.20	19.40	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	20.11	19.31	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	19.95	19.15	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	20.14	19.34	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	21.16	20.36	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	21.03	20.23	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	21.22	20.42	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	19.85	19.05	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	19.99	19.19	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	20.08	19.28	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	20.10	19.30	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	23.12	22.32	33.00	PASS



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Band41	10MHz	QPSK	39700	1RB#24	23.14	22.34	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	23.14	22.34	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	22.02	21.22	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	22.13	21.33	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	22.17	21.37	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	22.13	21.33	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.09	22.29	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.12	22.32	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.08	22.28	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	22.11	21.31	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	22.00	21.20	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	22.02	21.22	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.12	21.32	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.99	22.19	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.99	22.19	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.97	22.17	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.98	21.18	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.93	21.13	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	22.01	21.21	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	22.01	21.21	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	22.15	21.35	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.11	21.31	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	22.16	21.36	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	21.04	20.24	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	21.14	20.34	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	21.15	20.35	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.04	20.24	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.16	21.36	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.05	21.25	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.14	21.34	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.14	20.34	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.11	20.31	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.02	20.22	33.00	PASS



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Band41	10MHz	16QAM	40620	50RB#0	21.10	20.30	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	22.02	21.22	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	22.01	21.21	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.95	21.15	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.01	20.21	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.97	20.17	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	21.02	20.22	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.05	20.25	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	21.13	20.33	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	21.14	20.34	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	21.23	20.43	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	20.02	19.22	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	20.17	19.37	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	20.23	19.43	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	19.96	19.16	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	21.06	20.26	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	20.96	20.16	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	21.18	20.38	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	20.09	19.29	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	20.14	19.34	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	20.10	19.30	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	20.09	19.29	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	21.00	20.20	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	20.99	20.19	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	20.94	20.14	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	20.02	19.22	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	19.93	19.13	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	19.98	19.18	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	20.14	19.34	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	23.18	22.38	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	23.19	22.39	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	23.11	22.31	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	22.10	21.30	33.00	PASS



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Band41	15MHz	QPSK	39725	36RB#18	22.17	21.37	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	22.20	21.40	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.23	21.43	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.12	22.32	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.08	22.28	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.99	22.19	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	22.08	21.28	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	22.01	21.21	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	21.99	21.19	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.07	21.27	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.95	22.15	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	23.00	22.20	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	22.94	22.14	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	21.91	21.11	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	21.97	21.17	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	21.89	21.09	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.99	21.19	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.10	21.30	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.31	21.51	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.16	21.36	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	21.01	20.21	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	21.22	20.42	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	21.19	20.39	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	21.21	20.41	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.11	21.31	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.12	21.32	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.06	21.26	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	20.95	20.15	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#0	21.03	20.23	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#18	20.96	20.16	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.05	20.25	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.92	21.12	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.94	21.14	33.00	PASS



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Band41	15MHz	16QAM	41515	1RB#74	22.03	21.23	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	20.91	20.11	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	20.84	20.04	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	20.84	20.04	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.00	20.20	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	21.01	20.21	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	21.35	20.55	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	21.10	20.30	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	19.99	19.19	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	20.11	19.31	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#18	20.28	19.48	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	20.26	19.46	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	21.14	20.34	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	21.21	20.41	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	21.04	20.24	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	19.94	19.14	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#18	19.94	19.14	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	19.99	19.19	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	20.05	19.25	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	21.00	20.20	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	20.98	20.18	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	21.08	20.28	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	19.87	19.07	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	19.81	19.01	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	19.80	19.00	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	20.05	19.25	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	23.02	22.22	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	23.06	22.26	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	23.12	22.32	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.93	21.13	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	22.04	21.24	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	22.25	21.45	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	22.22	21.42	33.00	PASS



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Band41	20MHz	QPSK	40620	1RB#99	22.98	22.18	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.18	22.38	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	23.02	22.22	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	22.05	21.25	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	22.01	21.21	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	22.17	21.37	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.13	21.33	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	22.89	22.09	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.83	22.03	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	22.87	22.07	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	22.03	21.23	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	21.99	21.19	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	21.95	21.15	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.97	21.17	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.02	21.22	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.20	21.40	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.17	21.37	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.10	20.30	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	21.14	20.34	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	21.25	20.45	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.03	20.23	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.03	21.23	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.10	21.30	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.09	21.29	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	20.94	20.14	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	21.03	20.23	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	21.11	20.31	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.02	20.22	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.89	21.09	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.97	21.17	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.91	21.11	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	21.15	20.35	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	21.03	20.23	33.00	PASS



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Band41	20MHz	16QAM	41490	50RB#25	20.84	20.04	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.95	20.15	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	21.11	20.31	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	21.26	20.46	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	21.14	20.34	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	20.14	19.34	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	20.09	19.29	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	20.23	19.43	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	20.06	19.26	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	20.95	20.15	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	21.16	20.36	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	21.04	20.24	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	19.84	19.04	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	20.07	19.27	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	20.17	19.37	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	20.10	19.30	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	20.83	20.03	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	21.06	20.26	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	20.96	20.16	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	20.22	19.42	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	20.00	19.20	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	19.83	19.03	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	19.86	19.06	33.00	PASS

Remark:

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

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

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

The conducted Power is measured by Base Station Simulator



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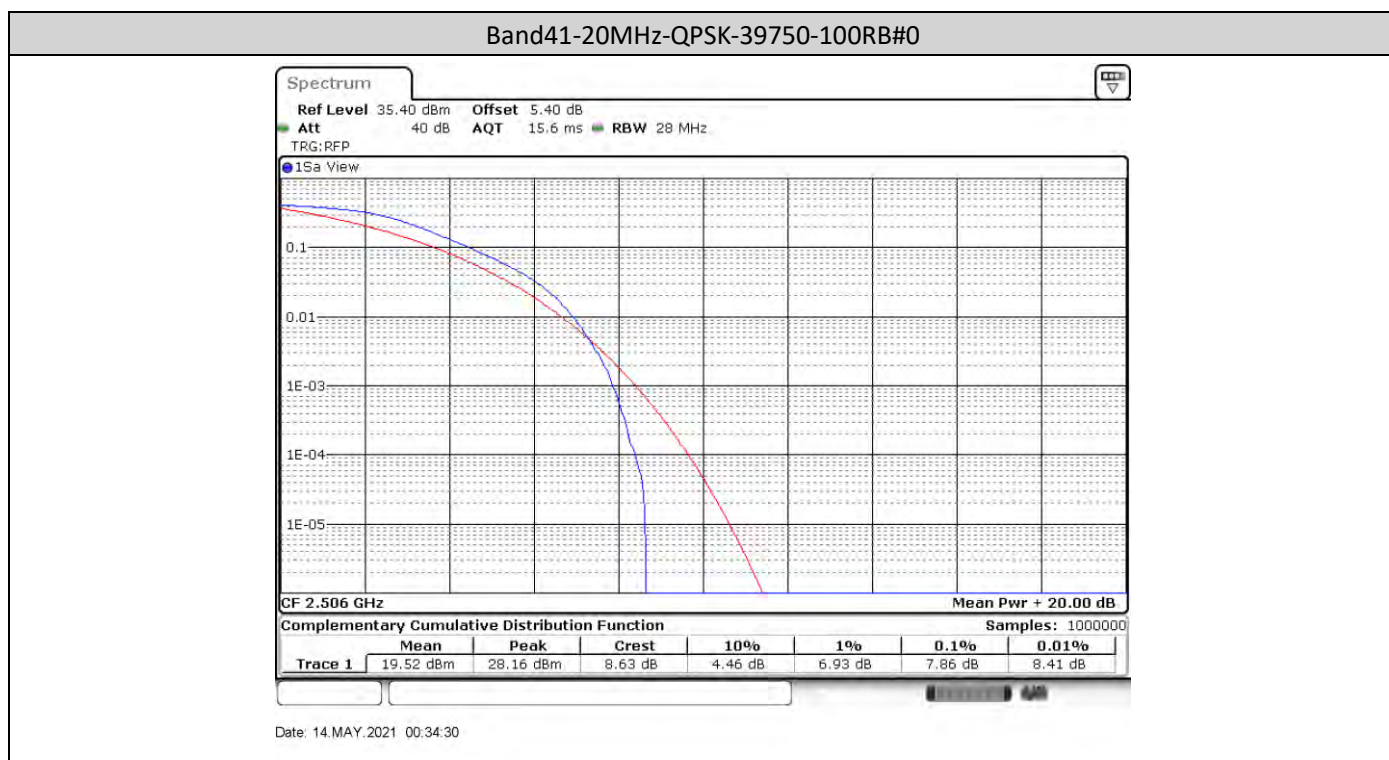


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

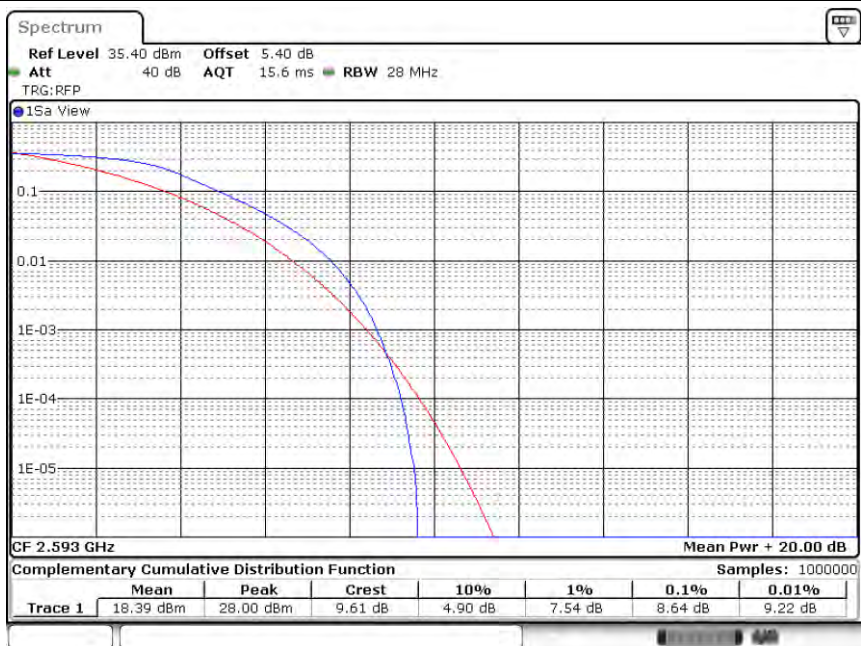
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	7.86	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.64	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.67	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	11.86	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	9.71	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	9.97	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.45	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.57	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.42	13	PASS

2.2. Test Plots



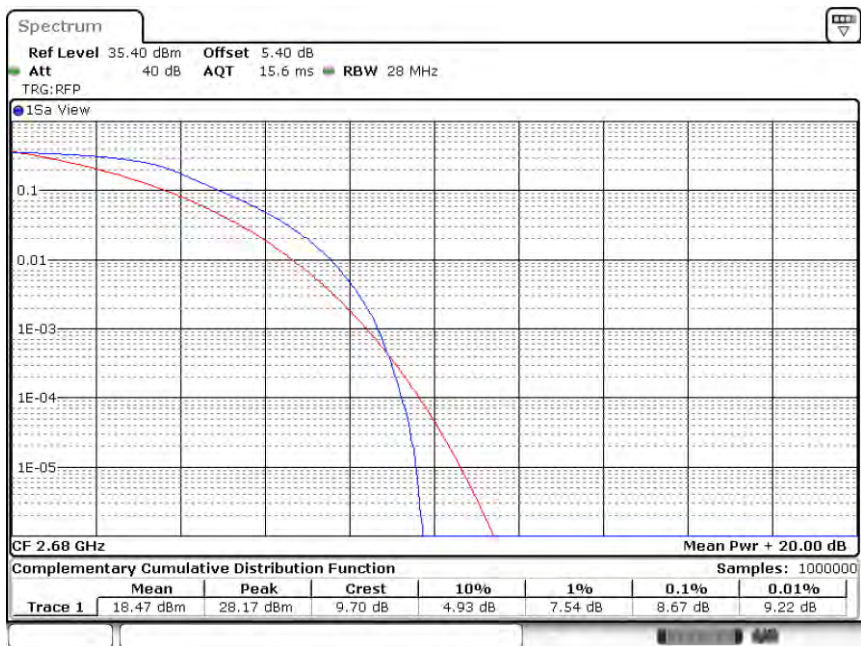


Band41-20MHz-QPSK-40620-100RB#0



Date: 14 MAY.2021 00:34:53

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



Date: 14 MAY.2021 00:35:15

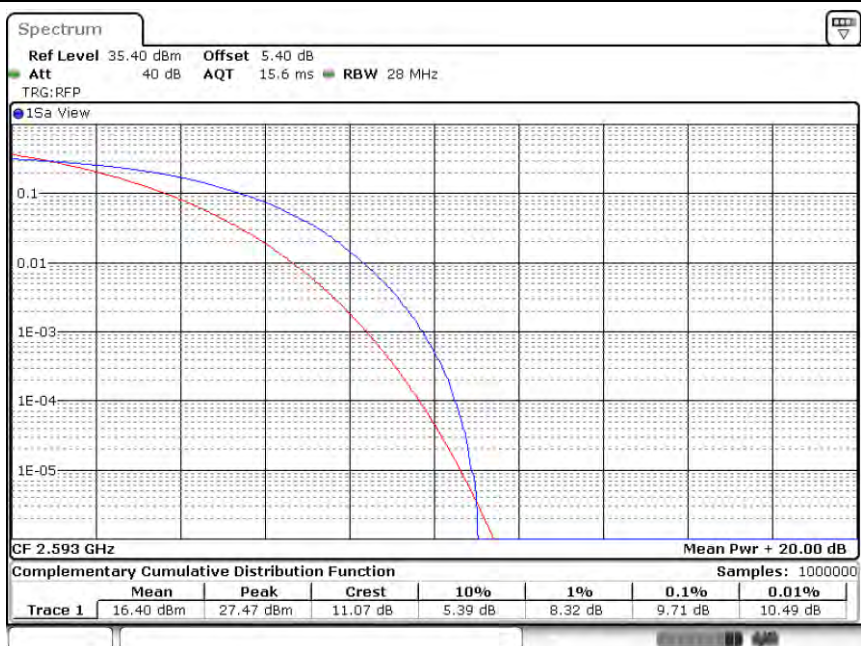


Band41-20MHz-64QAM-39750-100RB#0



Date: 14 MAY.2021 01:56:55

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



Date: 14 MAY.2021 01:57:06



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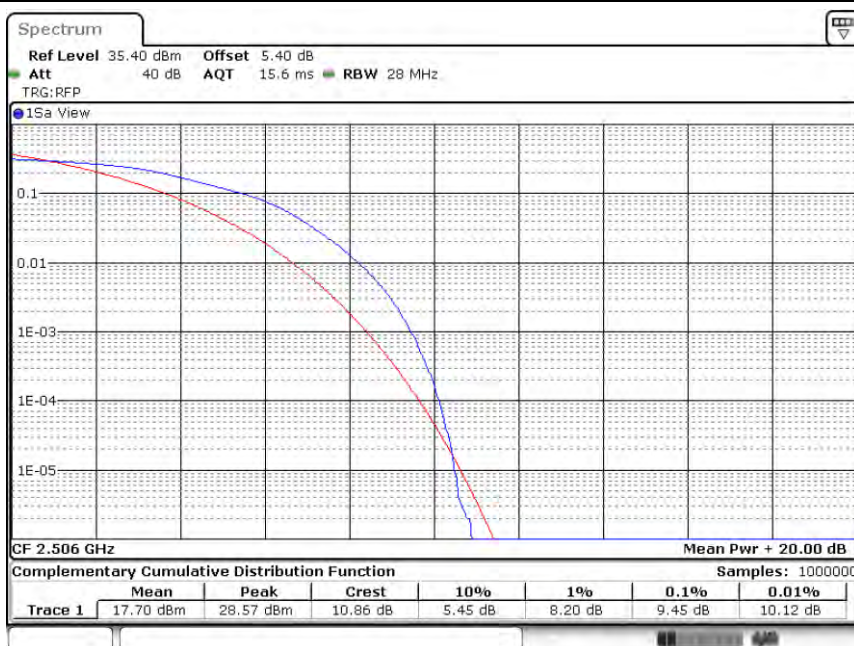


Band41-20MHz-64QAM-41490-100RB#0



Date: 14 MAY.2021 01:57:18

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



Date: 14 MAY.2021 00:34:41

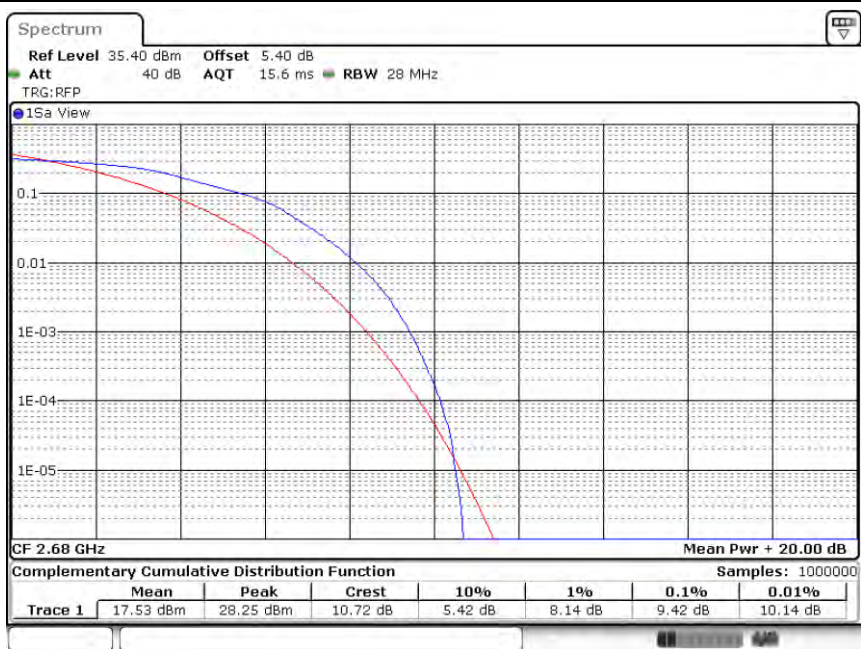


Band41-20MHz-16QAM-40620-100RB#0



Date: 14 MAY.2021 00:35:04

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



Date: 14 MAY.2021 00:35:26

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.



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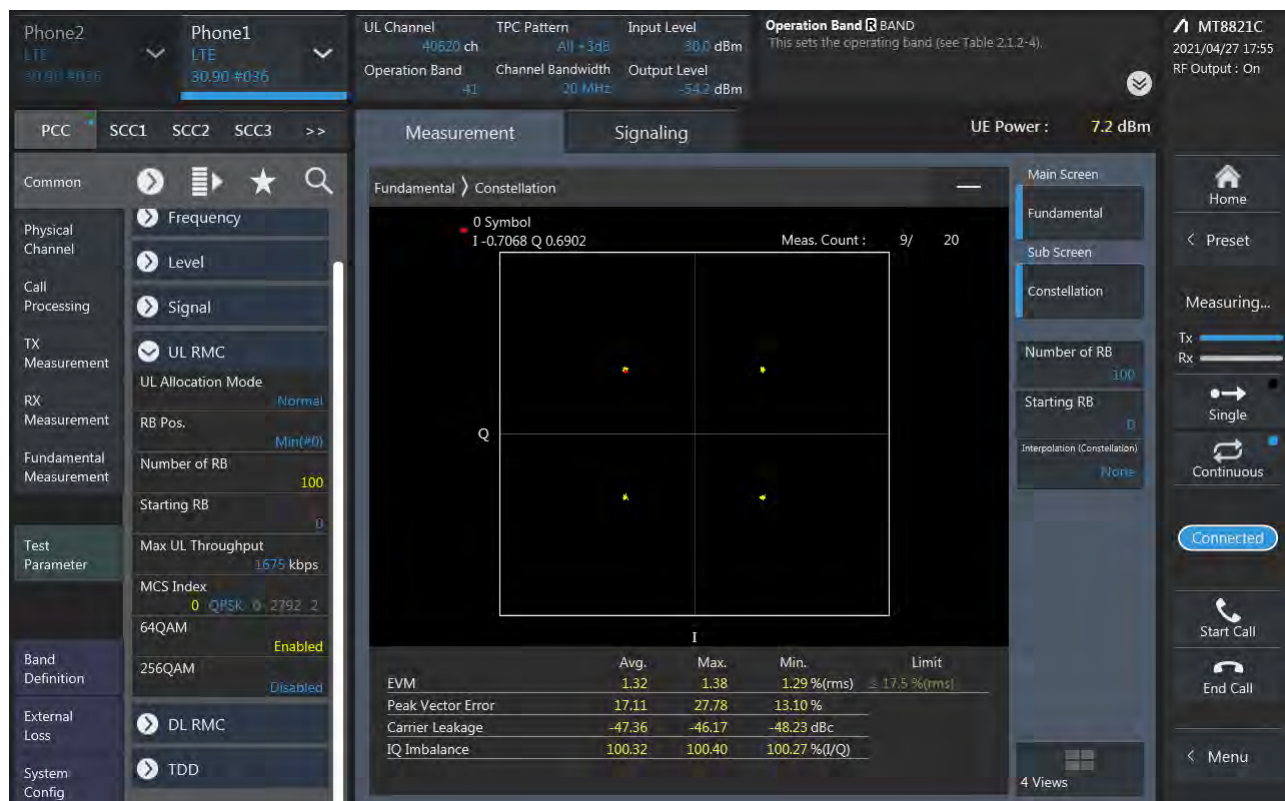
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

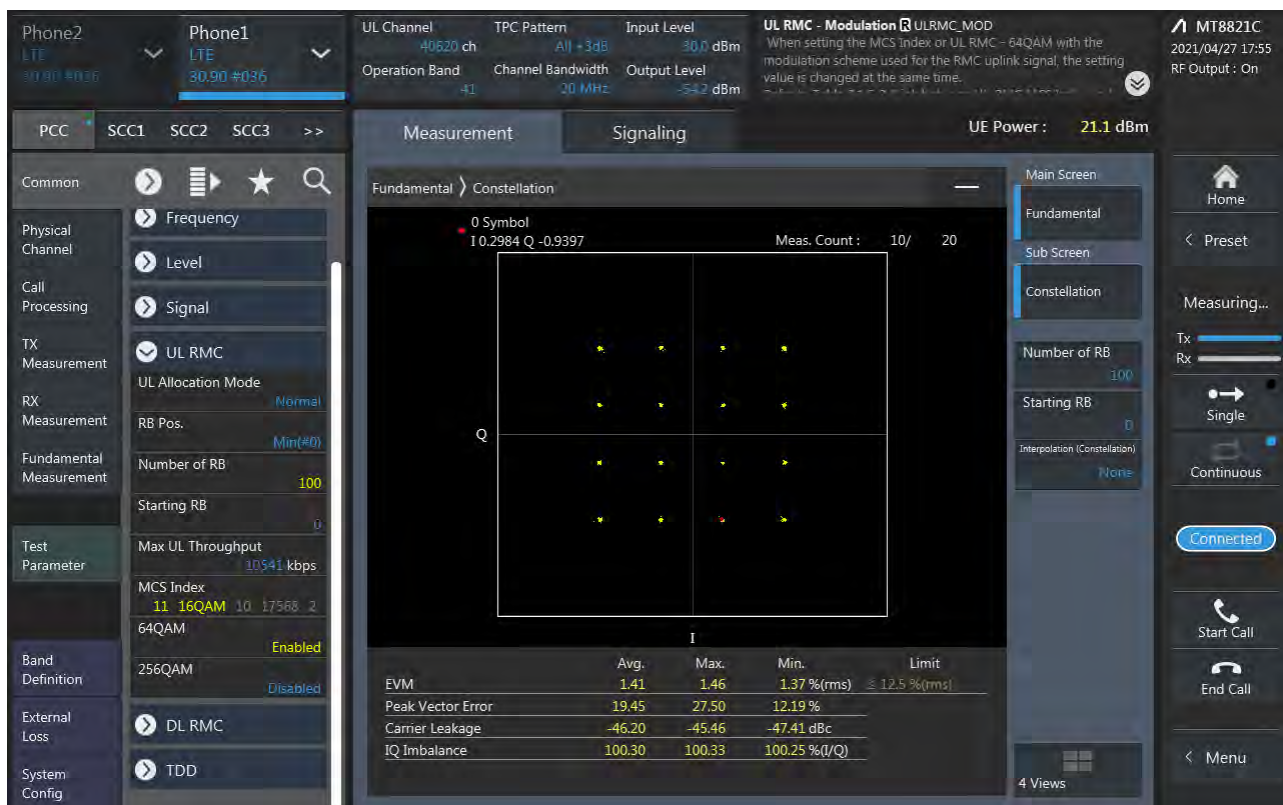
3.1.1. Test Channel = MCH





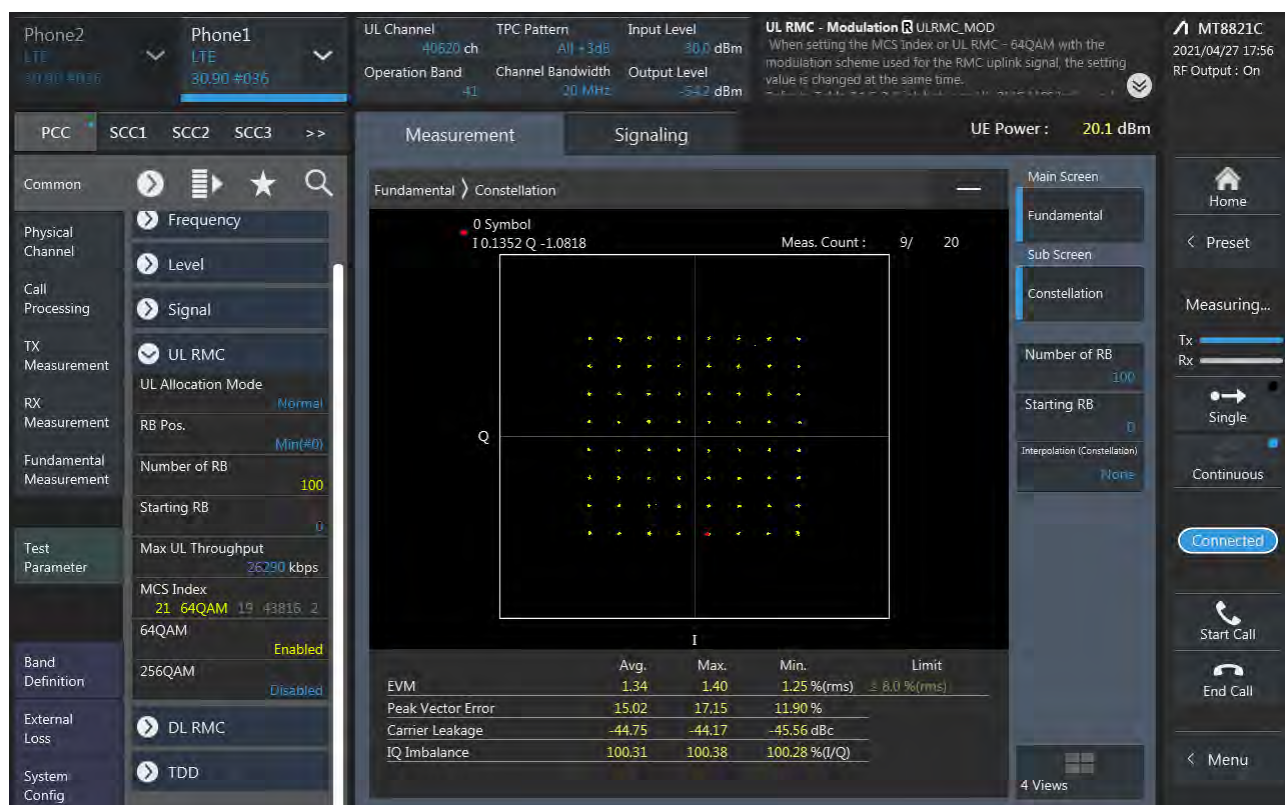
3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



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	4.880	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.466	4.890	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.476	4.890	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.486	4.980	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.486	4.980	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.486	5.020	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.496	4.900	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.476	4.900	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.486	4.890	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.911	9.640	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.911	9.760	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.911	9.700	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.951	10.060	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.951	11.720	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.931	10.100	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.951	9.900	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.931	9.840	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.931	9.760	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.516	15.450	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.487	15.690	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.487	15.690	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.457	14.940	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.457	15.870	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.487	15.030	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.457	15.300	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.457	15.540	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.457	15.690	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.902	20.040	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.902	19.960	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.902	20.120	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.902	19.440	PASS



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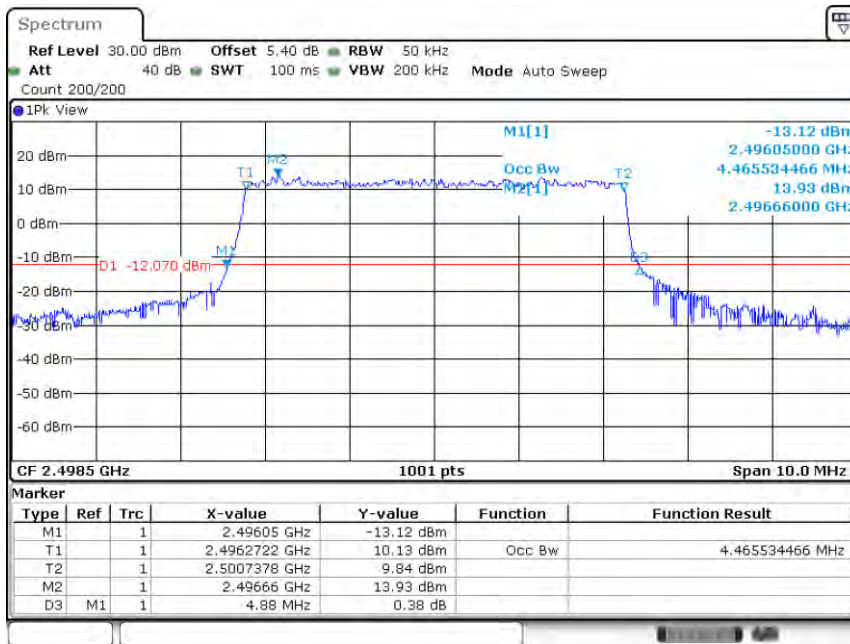
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Band41	20MHz	64QAM	40620	100RB#0	17.902	24.560	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.902	19.400	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.902	19.640	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.862	19.480	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.902	19.280	PASS

4.2. Test Plots

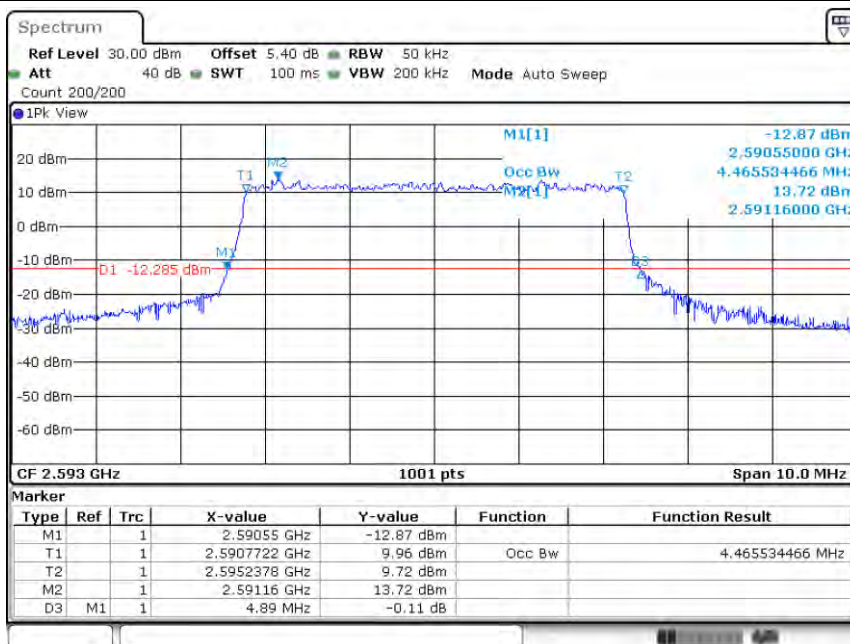
Band41-5MHz-QPSK-39675-25RB#0-4.466



Date: 14 MAY 2021 00:21:27

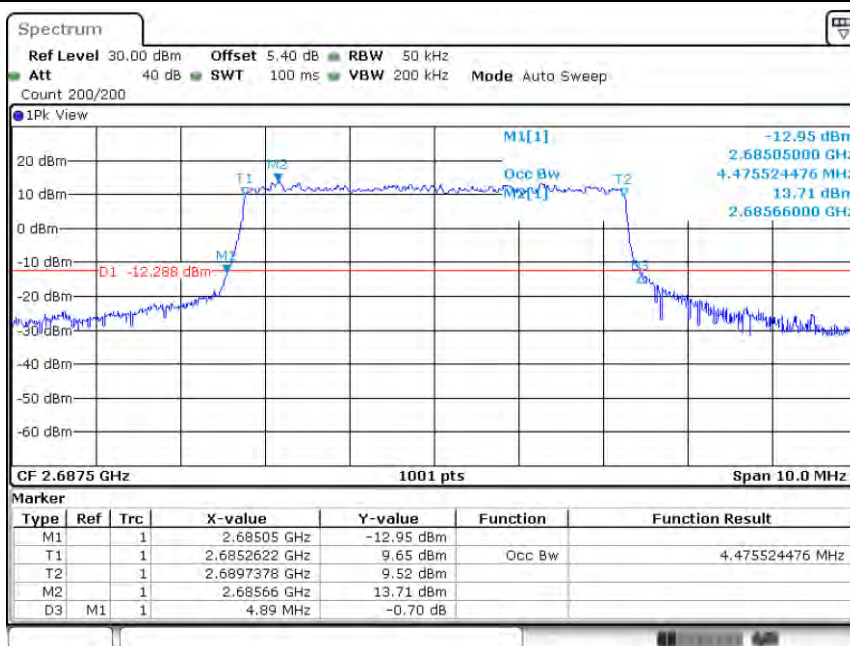


Band41-5MHz-QPSK-40620-25RB#0-4.466



Date: 14 MAY.2021 00:22:33

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



Date: 14 MAY.2021 00:23:38



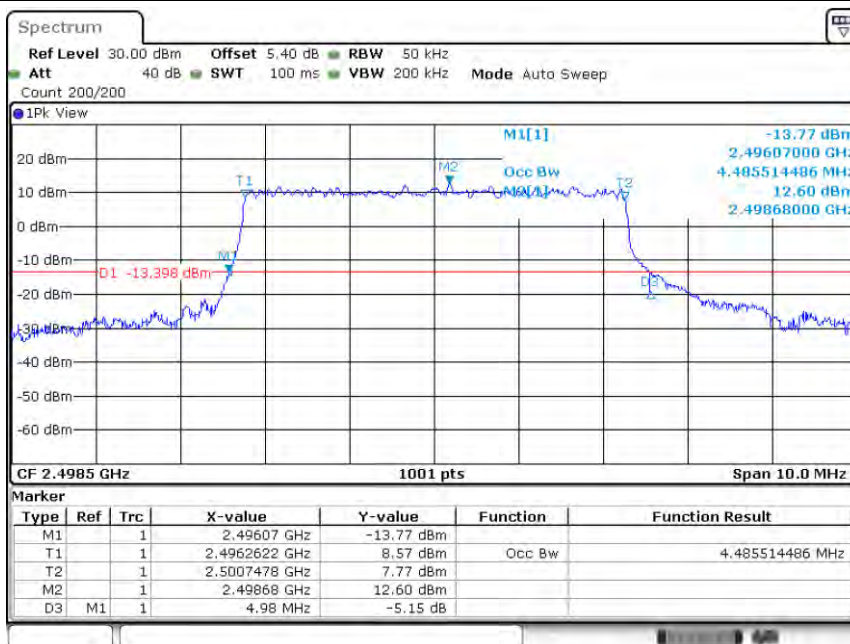
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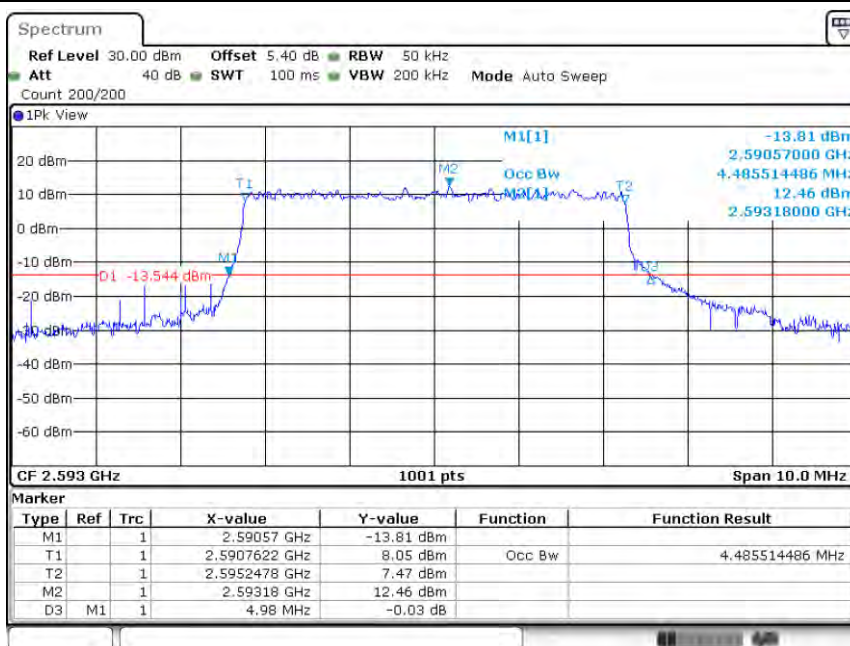


Band41-5MHz-64QAM-39675-25RB#0-4.486



Date: 14 MAY.2021 00:48:30

Band41-5MHz-64QAM-40620-25RB#0-4.486



Date: 14 MAY.2021 00:49:03

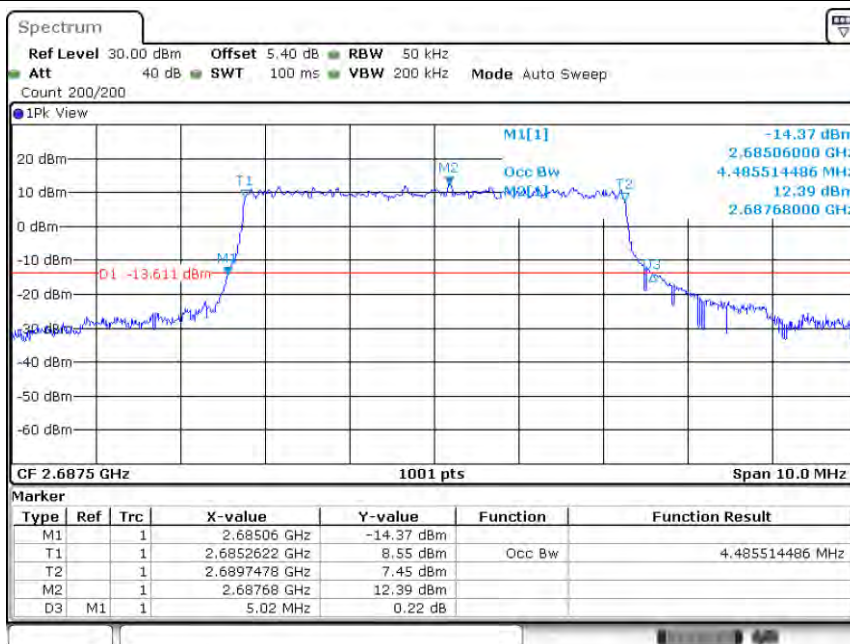


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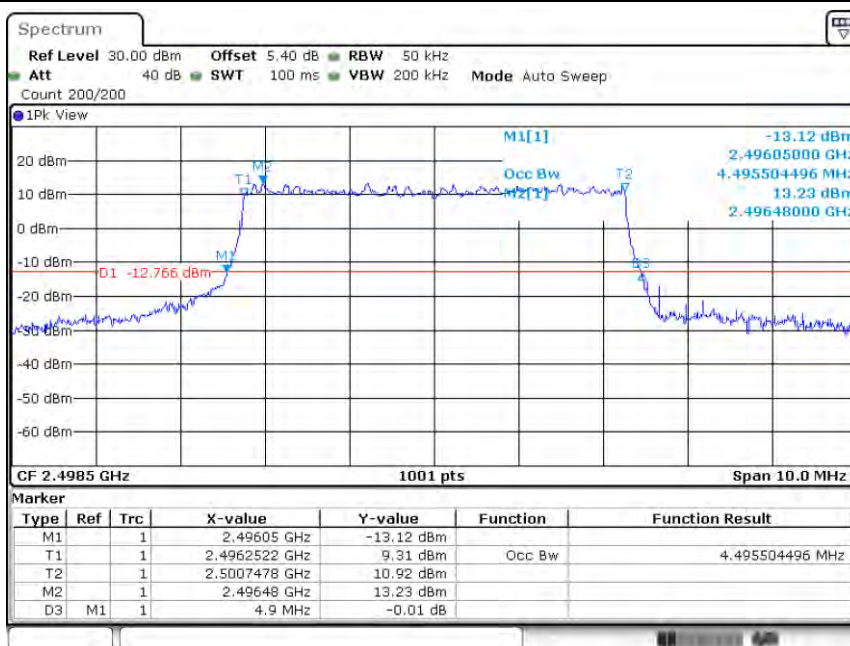


Band41-5MHz-64QAM-41565-25RB#0-4.486



Date: 14 MAY.2021 00:49:36

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



Date: 14 MAY.2021 00:22:00

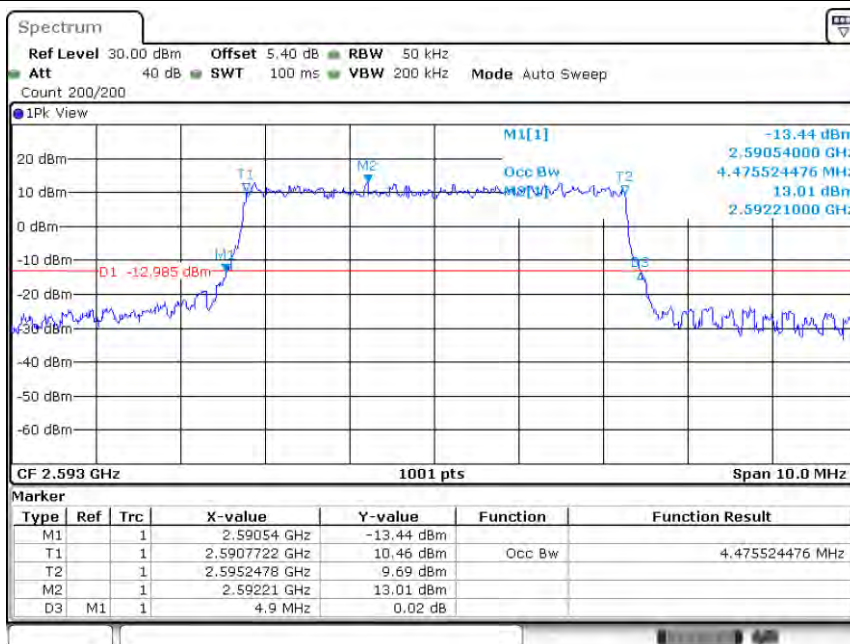


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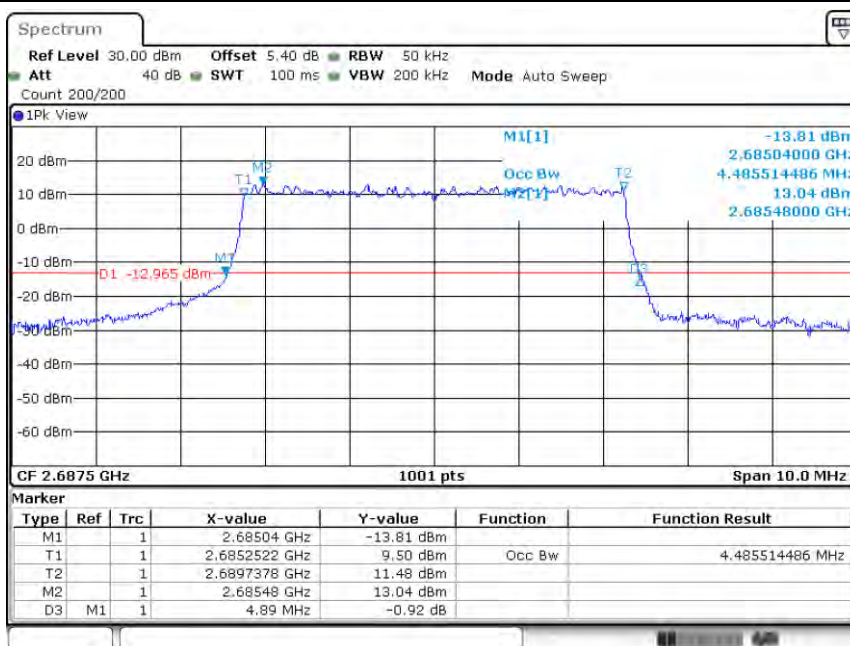


Band41-5MHz-16QAM-40620-25RB#0-4.476



Date: 14 MAY.2021 00:23:05

Band41-5MHz-16QAM-41565-25RB#0-4.486



Date: 14 MAY.2021 00:24:11



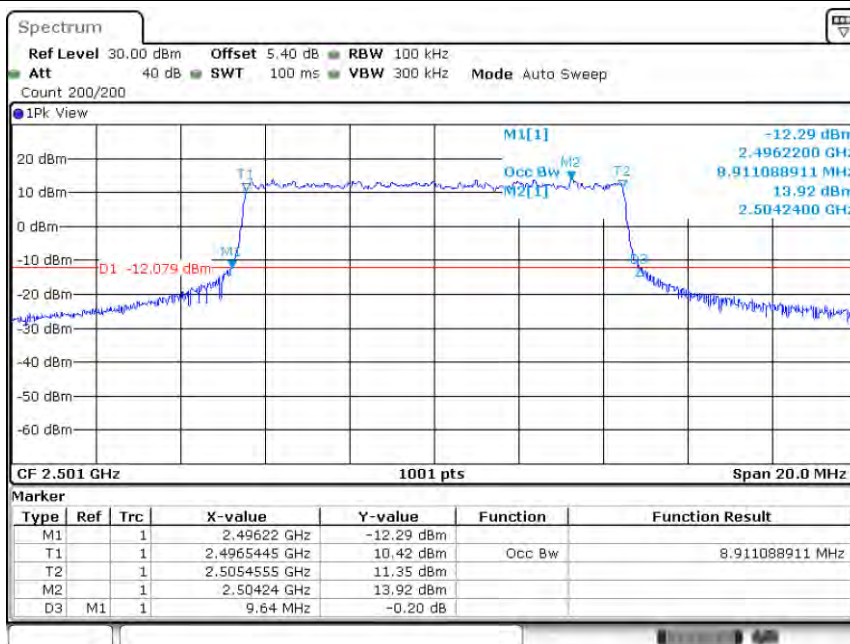
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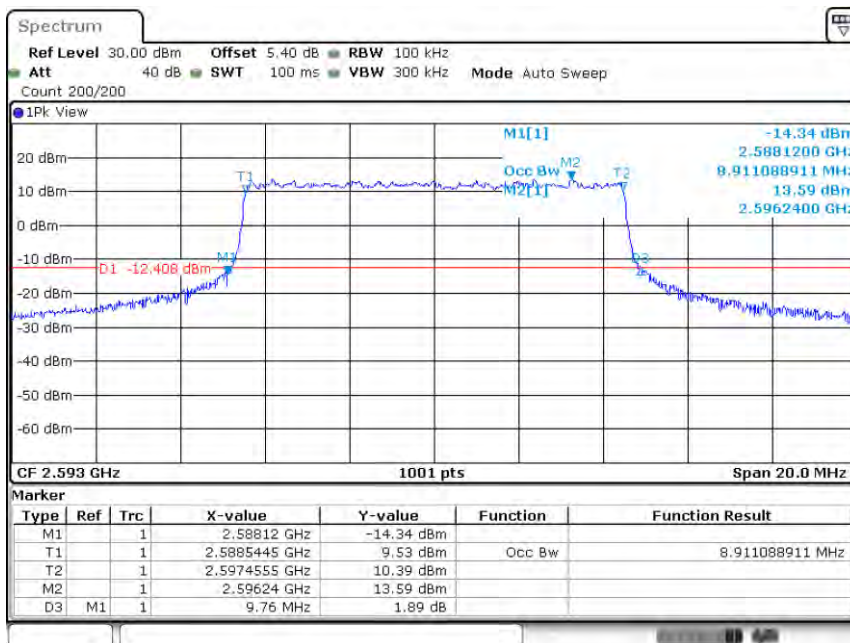


Band41-10MHz-QPSK-39700-50RB#0-8.911



Date: 14 MAY.2021 00:24:48

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

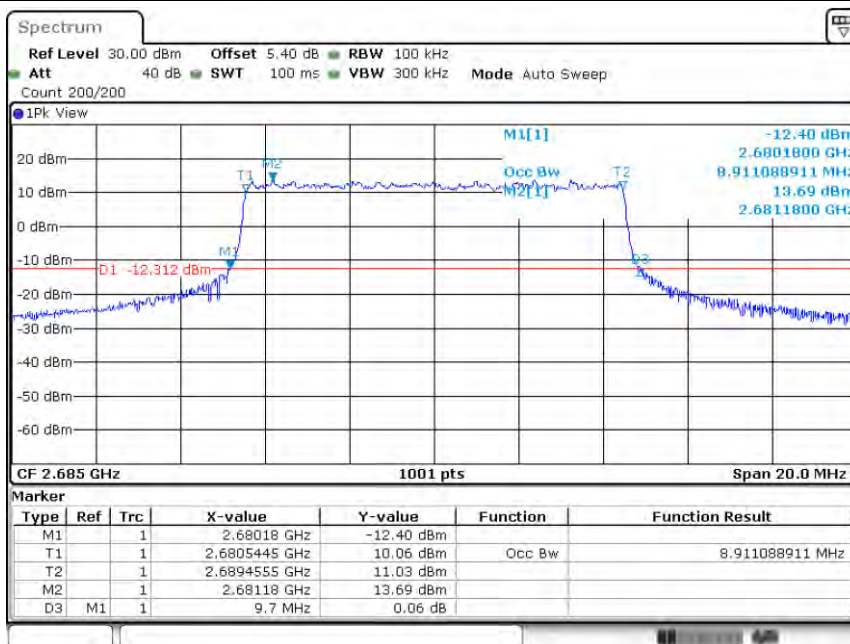


Date: 14 MAY.2021 00:25:54



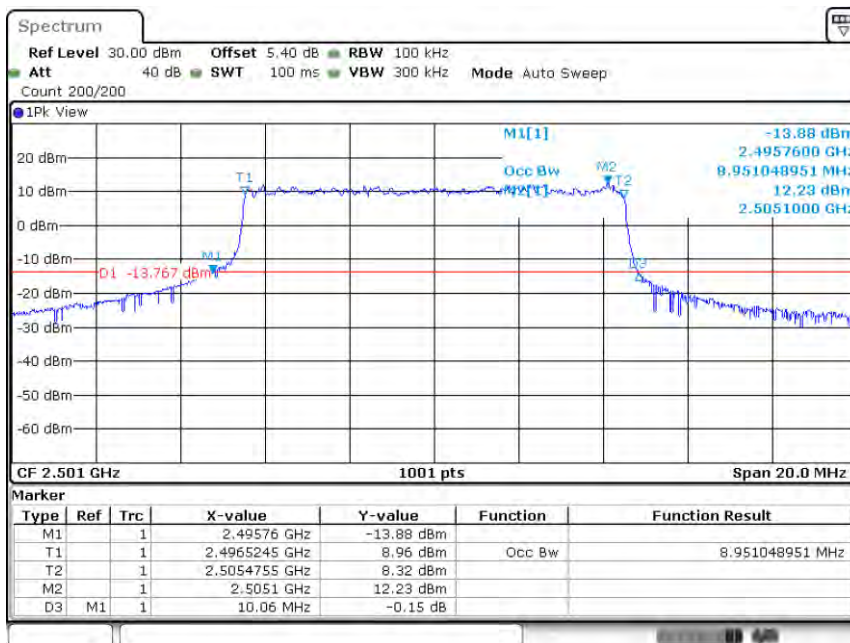


Band41-10MHz-QPSK-41540-50RB#0-8.911



Date: 14 MAY.2021 00:26:59

Band41-10MHz-64QAM-39700-50RB#0-8.951



Date: 14 MAY.2021 00:50:13

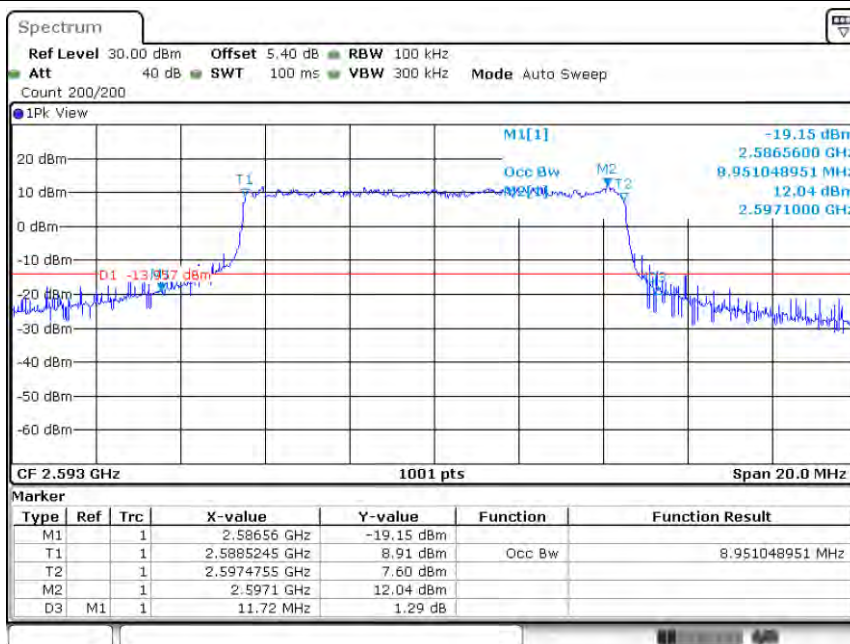


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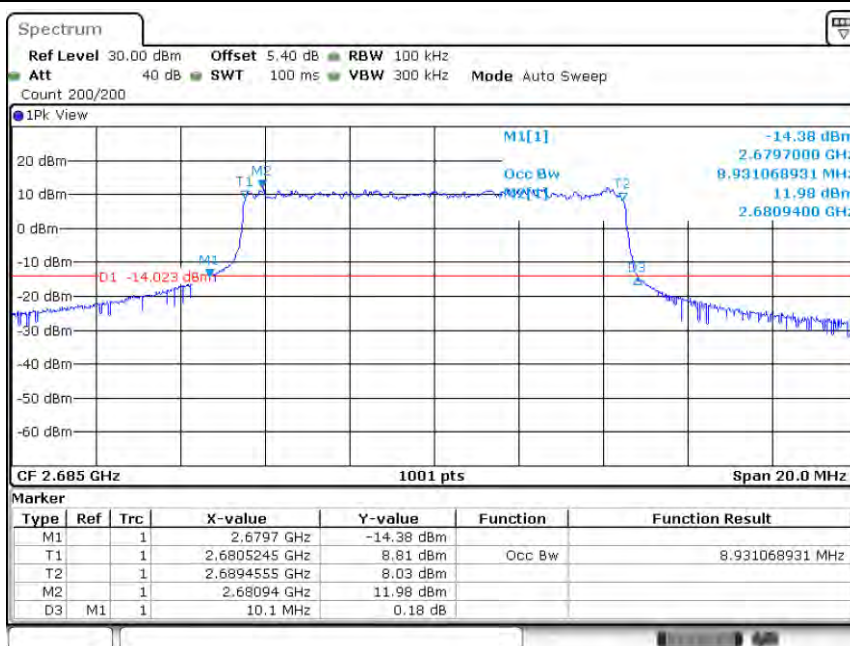


Band41-10MHz-64QAM-40620-50RB#0-8.951



Date: 14 MAY.2021 00:50:46

Band41-10MHz-64QAM-41540-50RB#0-8.931



Date: 14 MAY.2021 00:51:19



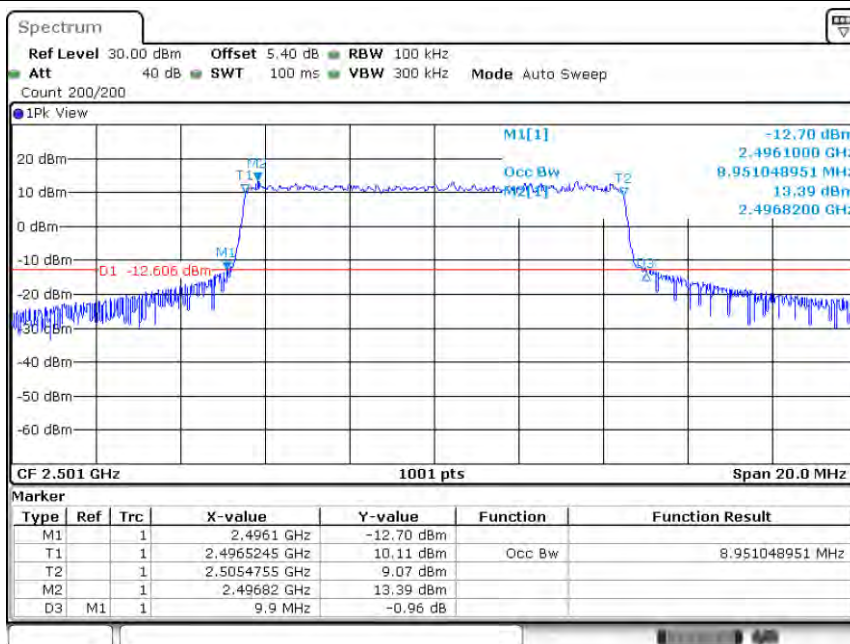
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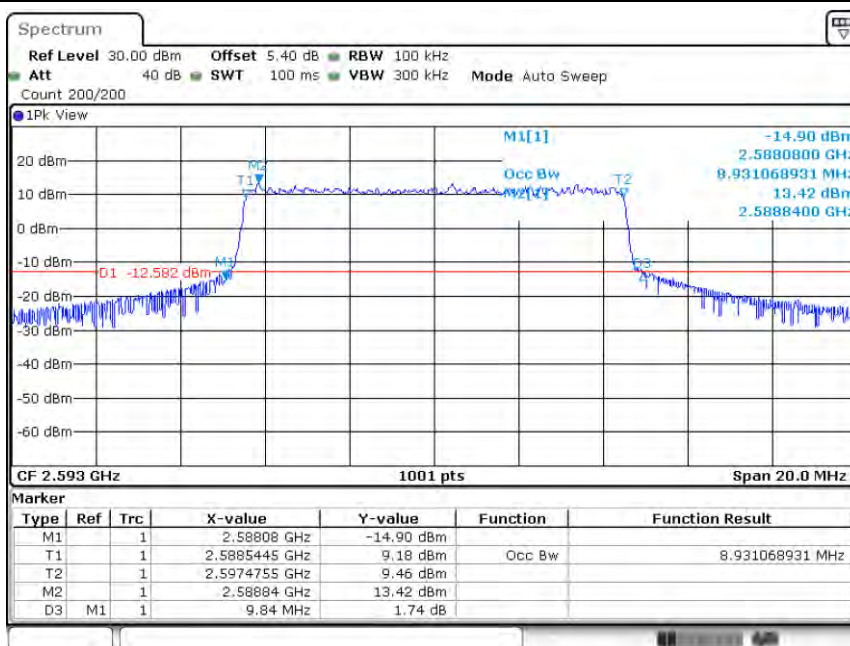


Band41-10MHz-16QAM-39700-50RB#0-8.951



Date: 14 MAY.2021 00:25:21

Band41-10MHz-16QAM-40620-50RB#0-8.931



Date: 14 MAY.2021 00:26:27



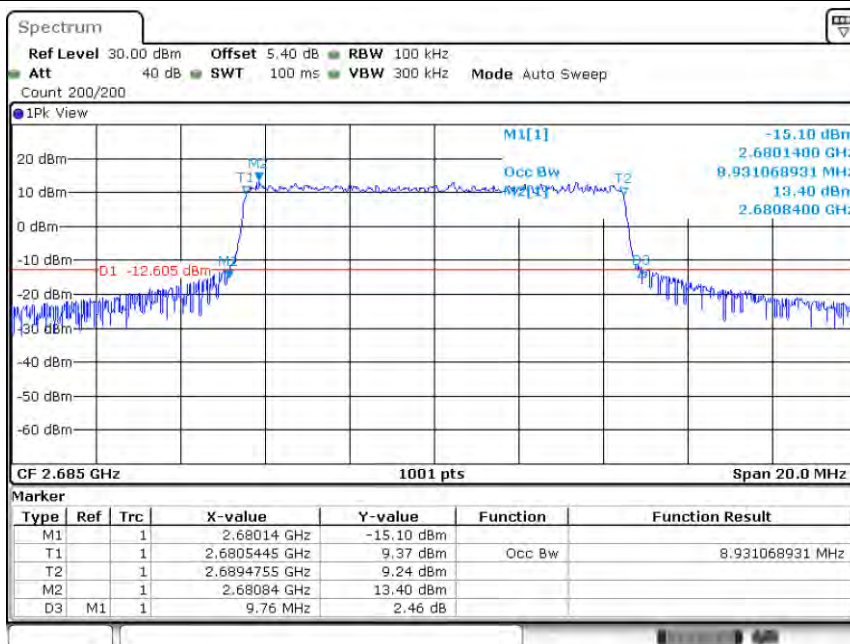
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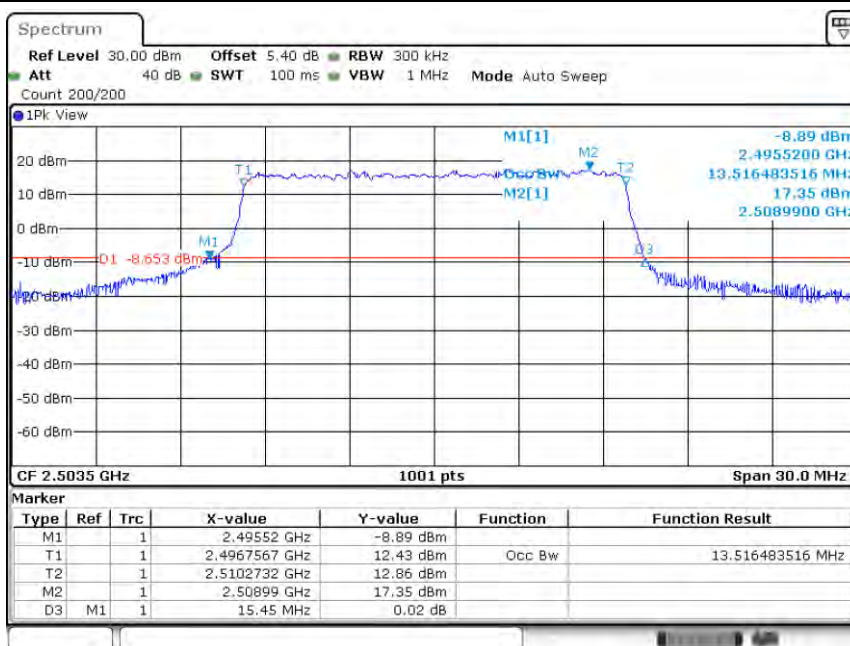


Band41-10MHz-16QAM-41540-50RB#0-8.931



Date: 14 MAY.2021 00:27:32

Band41-15MHz-QPSK-39725-75RB#0-13.516

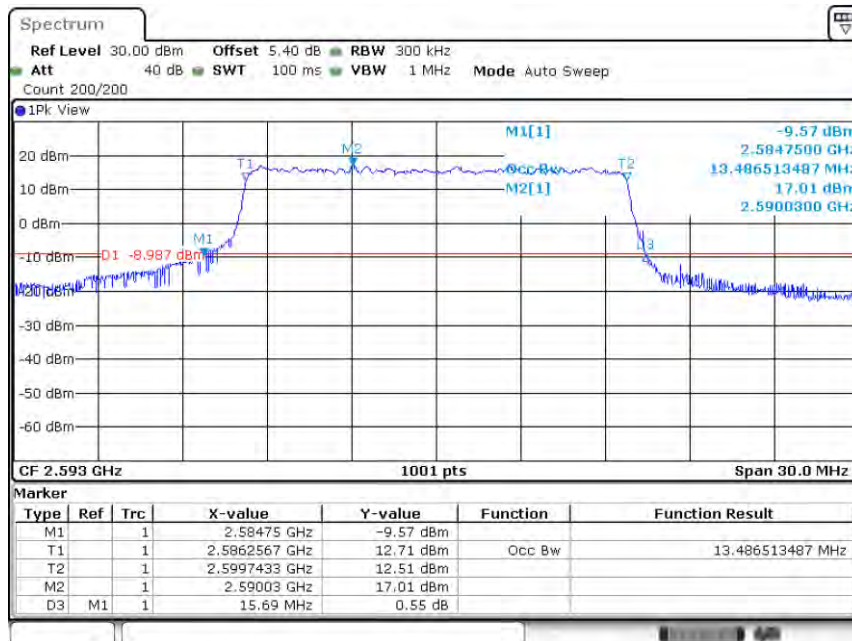


Date: 14 MAY.2021 00:28:10



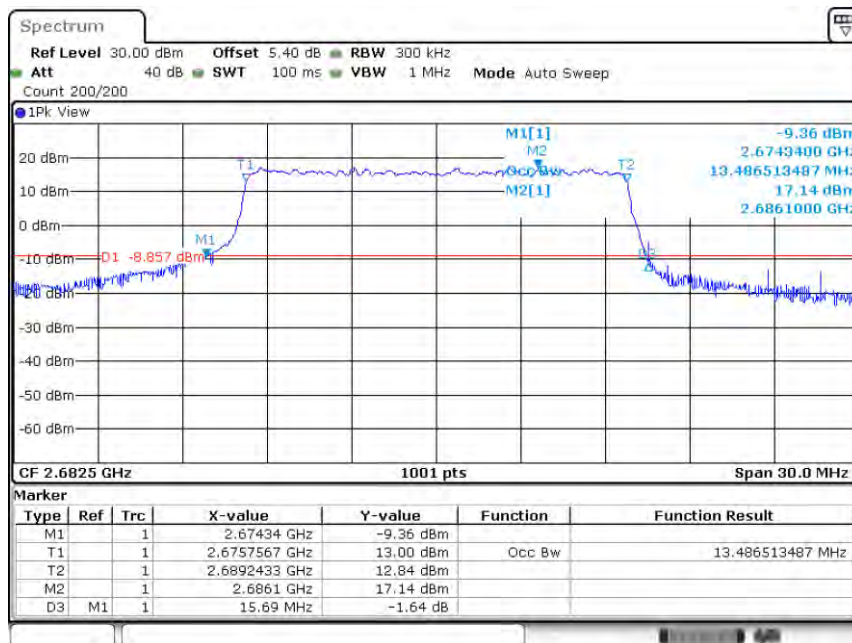


Band41-15MHz-QPSK-40620-75RB#0-13.487



Date: 14 MAY.2021 00:29:15

Band41-15MHz-QPSK-41515-75RB#0-13.487

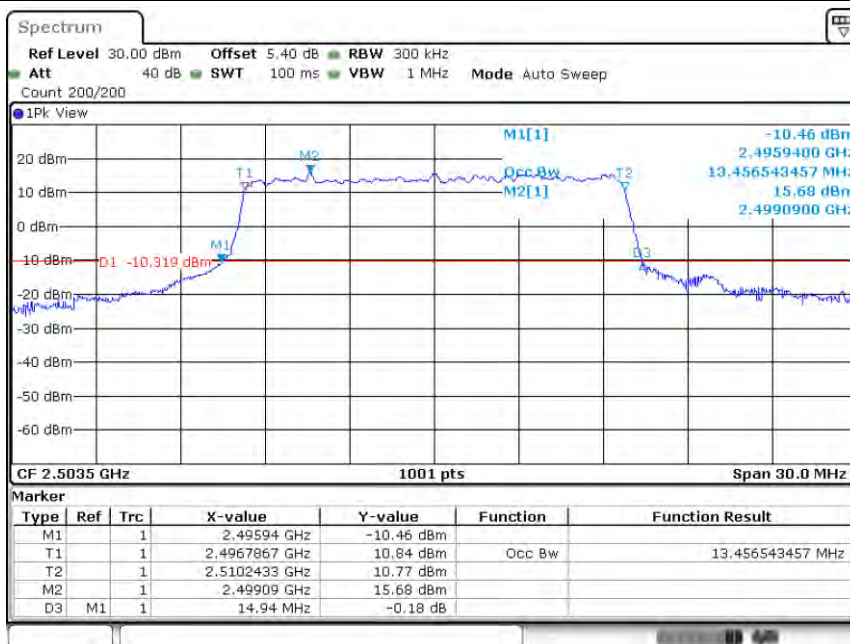


Date: 14 MAY.2021 00:30:21



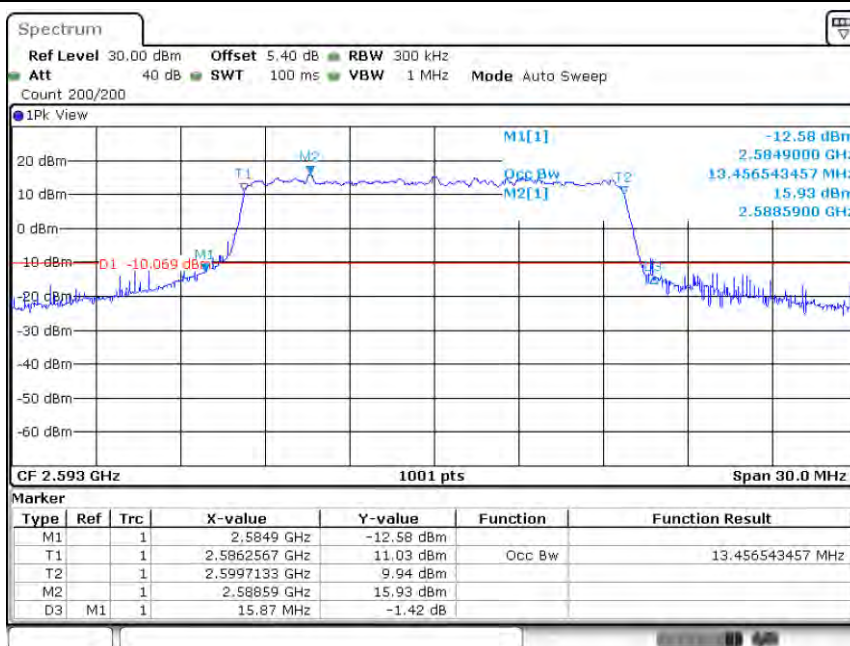


Band41-15MHz-64QAM-39725-75RB#0-13.457



Date: 14 MAY.2021 00:51:58

Band41-15MHz-64QAM-40620-75RB#0-13.457



Date: 14 MAY.2021 00:52:30

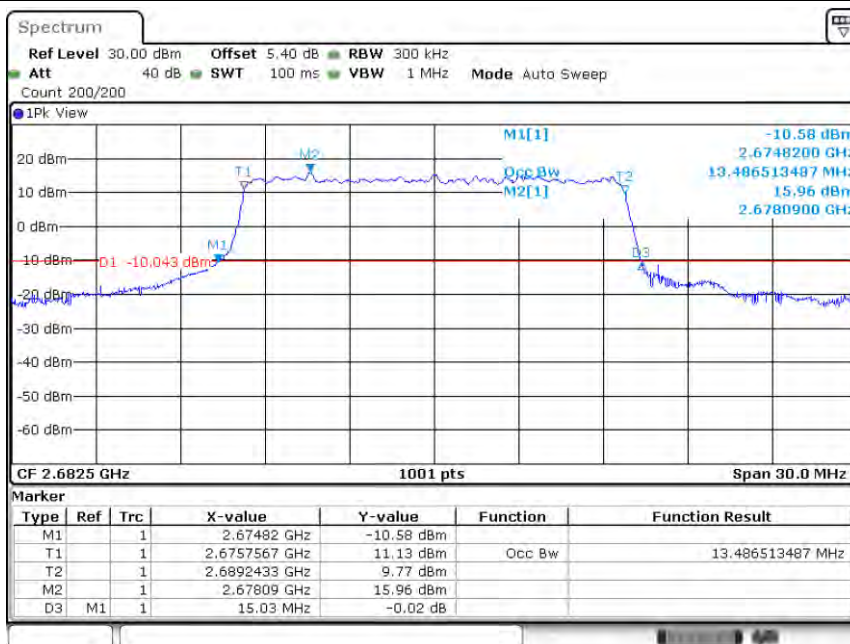


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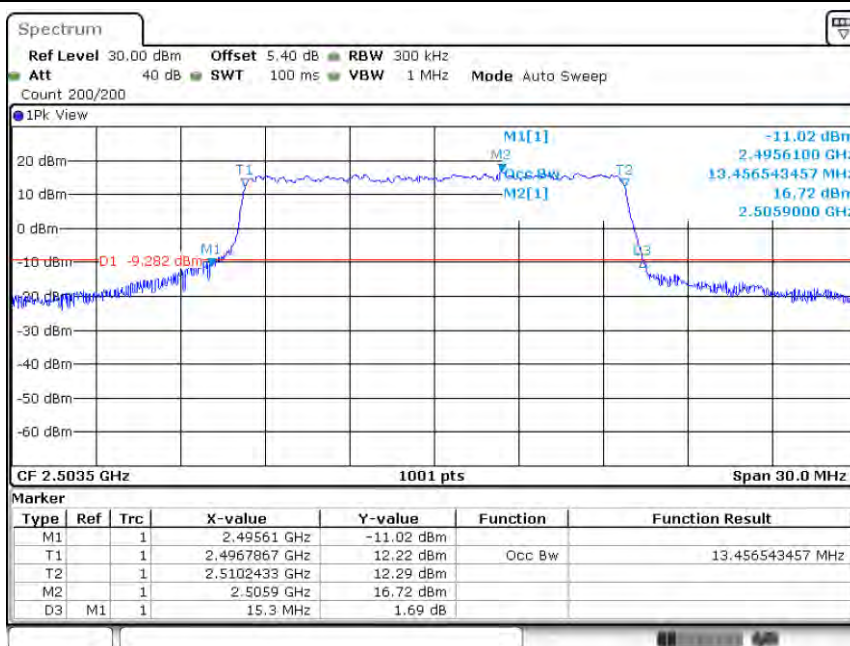


Band41-15MHz-64QAM-41515-75RB#0-13.487



Date: 14 MAY.2021 00:53:03

Band41-15MHz-16QAM-39725-75RB#0-13.457



Date: 14 MAY.2021 00:28:42

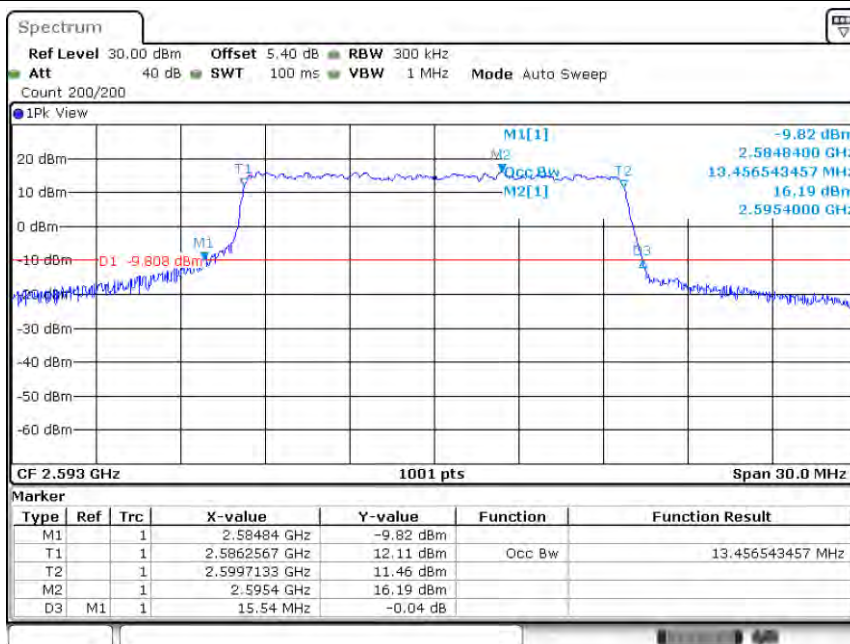


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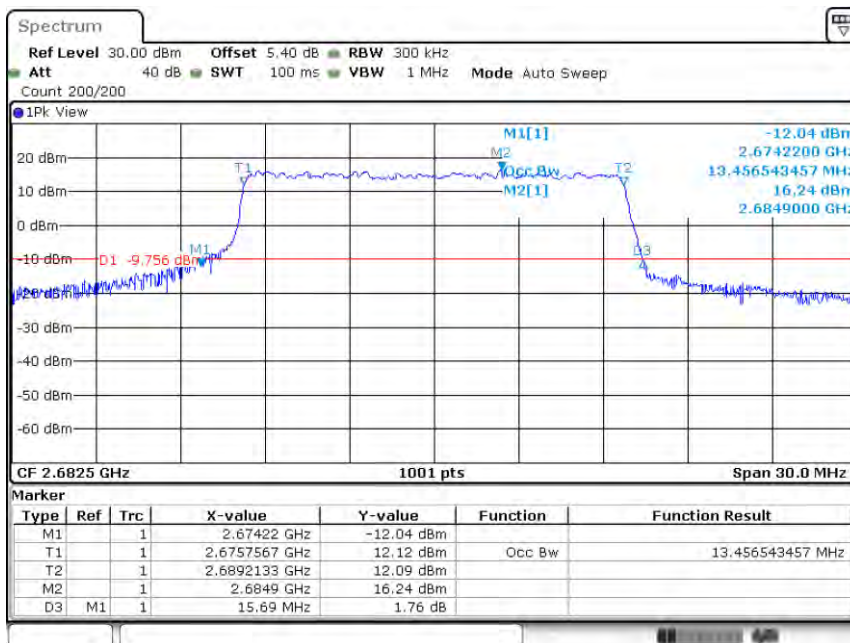


Band41-15MHz-16QAM-40620-75RB#0-13.457



Date: 14 MAY.2021 00:29:48

Band41-15MHz-16QAM-41515-75RB#0-13.457



Date: 14 MAY.2021 00:30:54



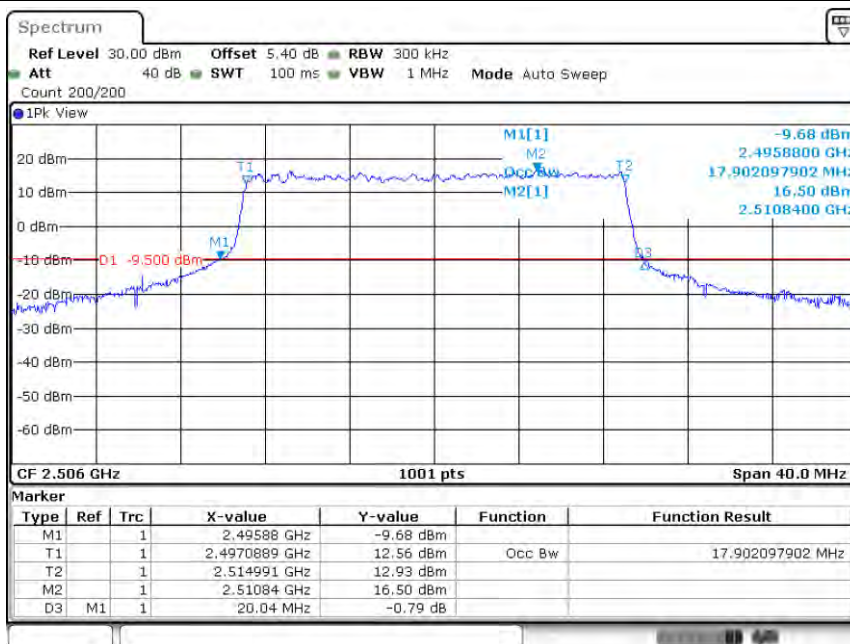
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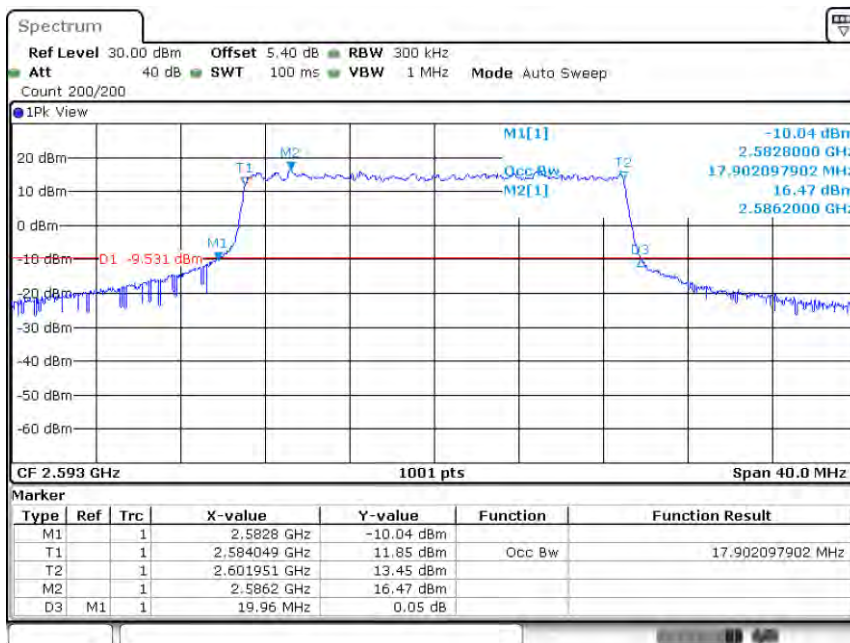


Band41-20MHz-QPSK-39750-100RB#0-17.902



Date: 14 MAY.2021 00:31:31

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

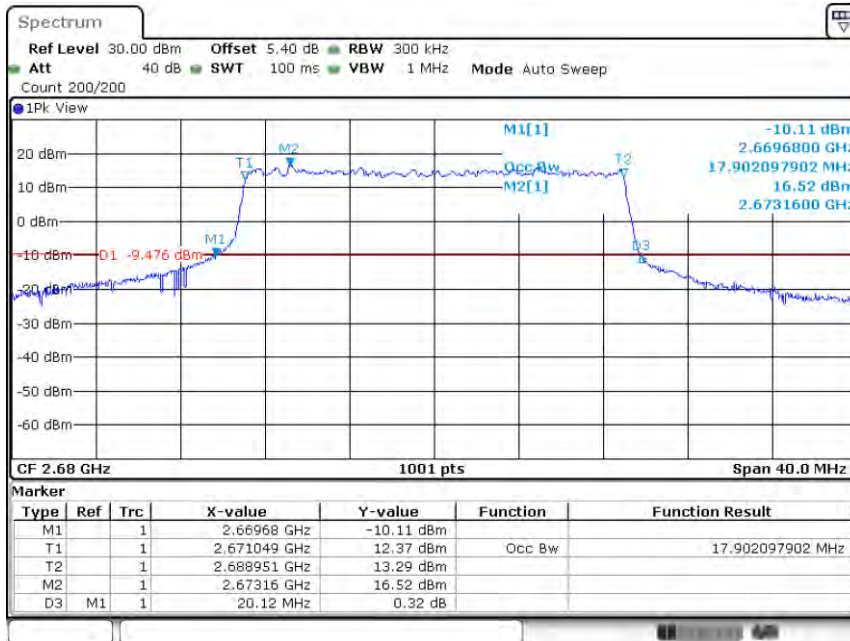


Date: 14 MAY.2021 00:32:37



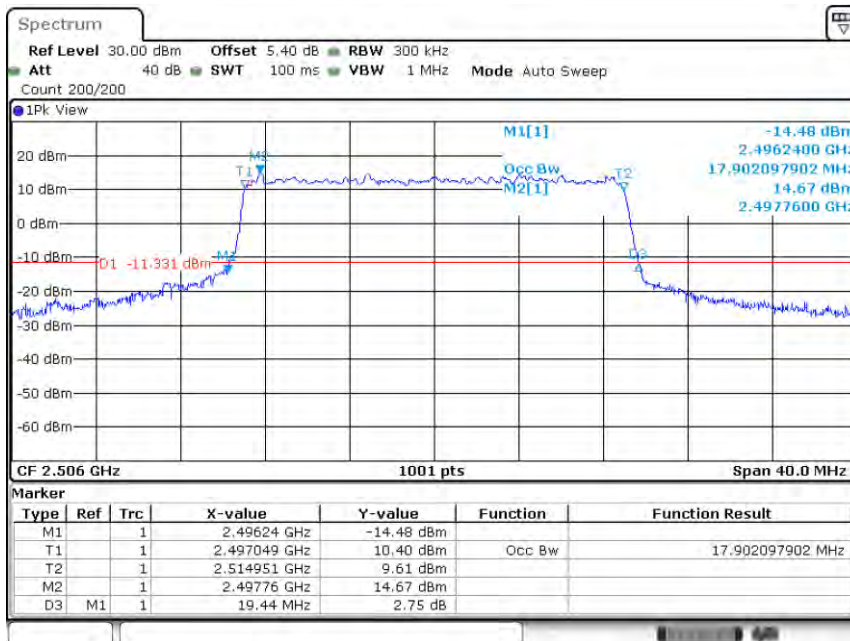


Band41-20MHz-QPSK-41490-100RB#0-17.902



Date: 14 MAY.2021 00:33:42

Band41-20MHz-64QAM-39750-100RB#0-17.902



Date: 14 MAY.2021 00:53:43

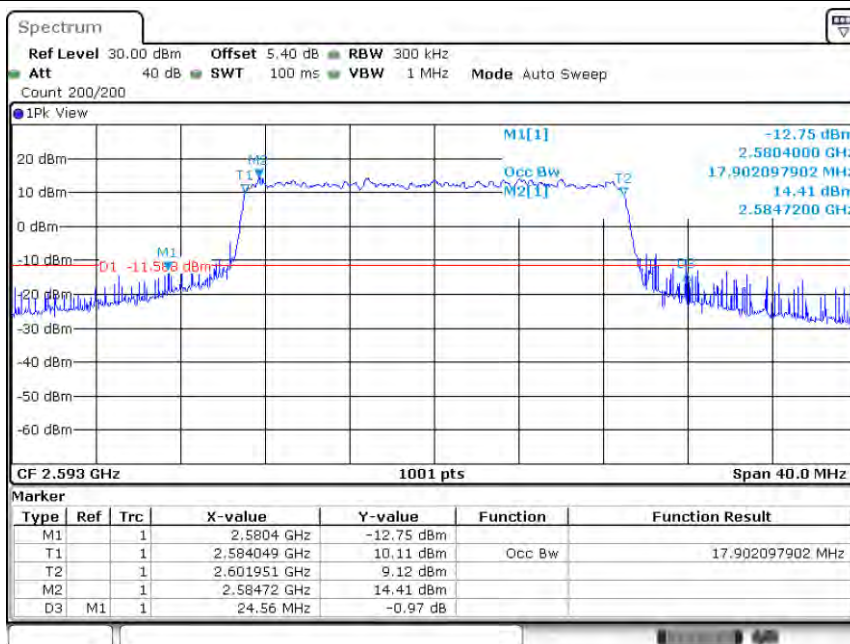


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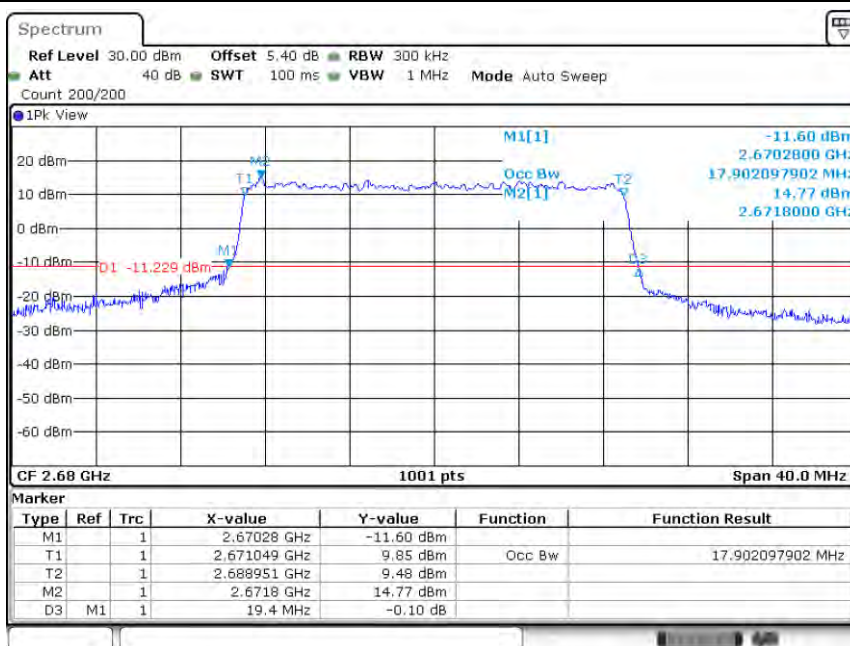


Band41-20MHz-64QAM-40620-100RB#0-17.902



Date: 14 MAY.2021 00:54:16

Band41-20MHz-64QAM-41490-100RB#0-17.902



Date: 14 MAY.2021 00:54:49

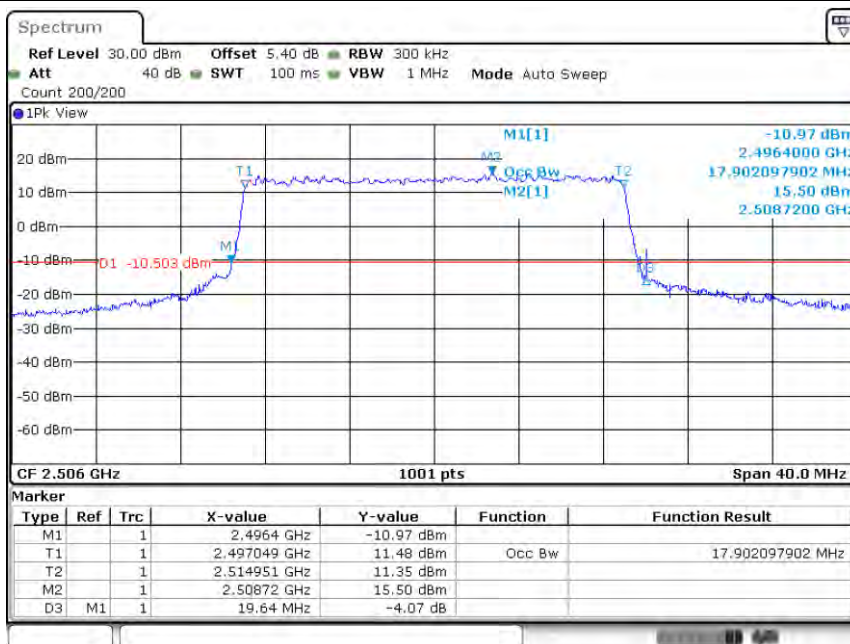


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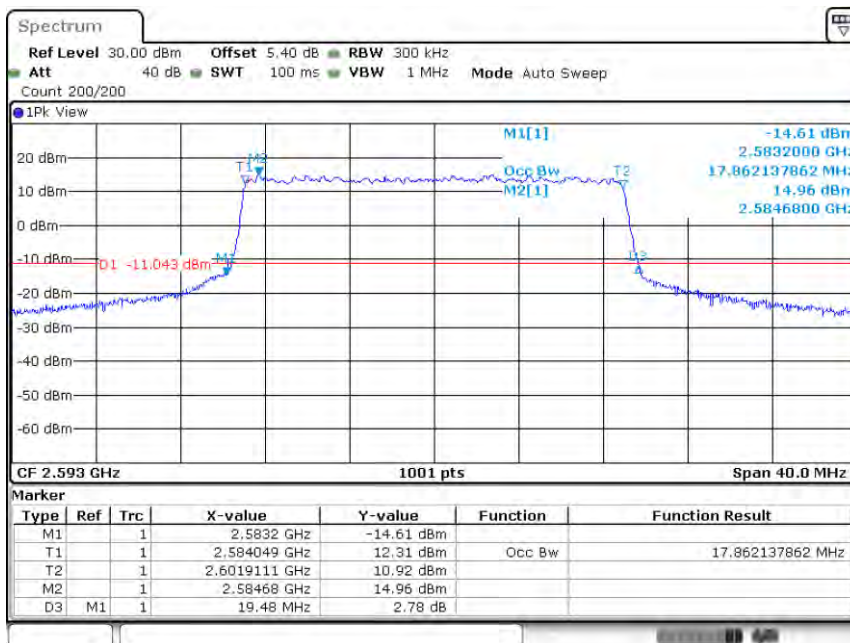


Band41-20MHz-16QAM-39750-100RB#0-17.902



Date: 14 MAY.2021 00:32:04

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

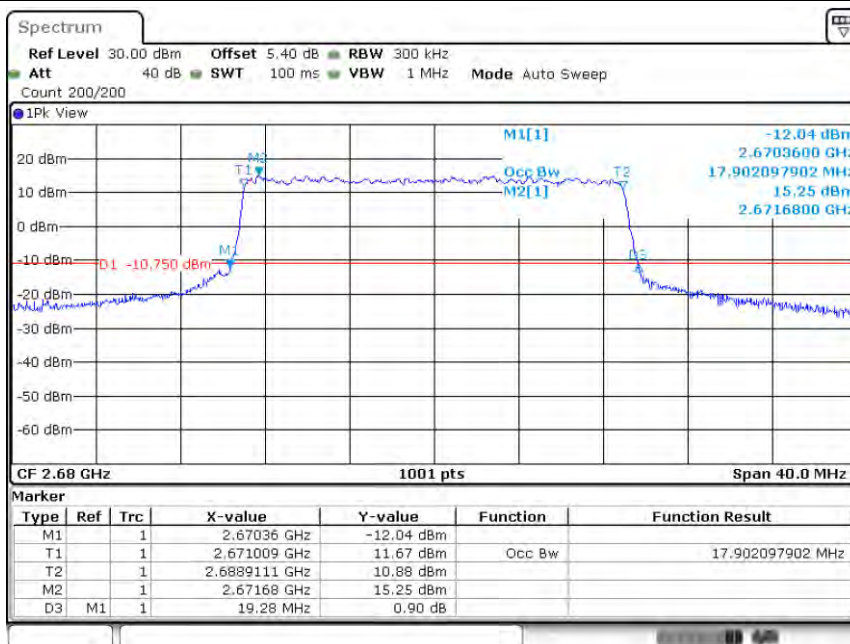


Date: 14 MAY.2021 00:33:09





Band41-20MHz-16QAM-41490-100RB#0-17.902



Date: 14 MAY.2021 00:34:15



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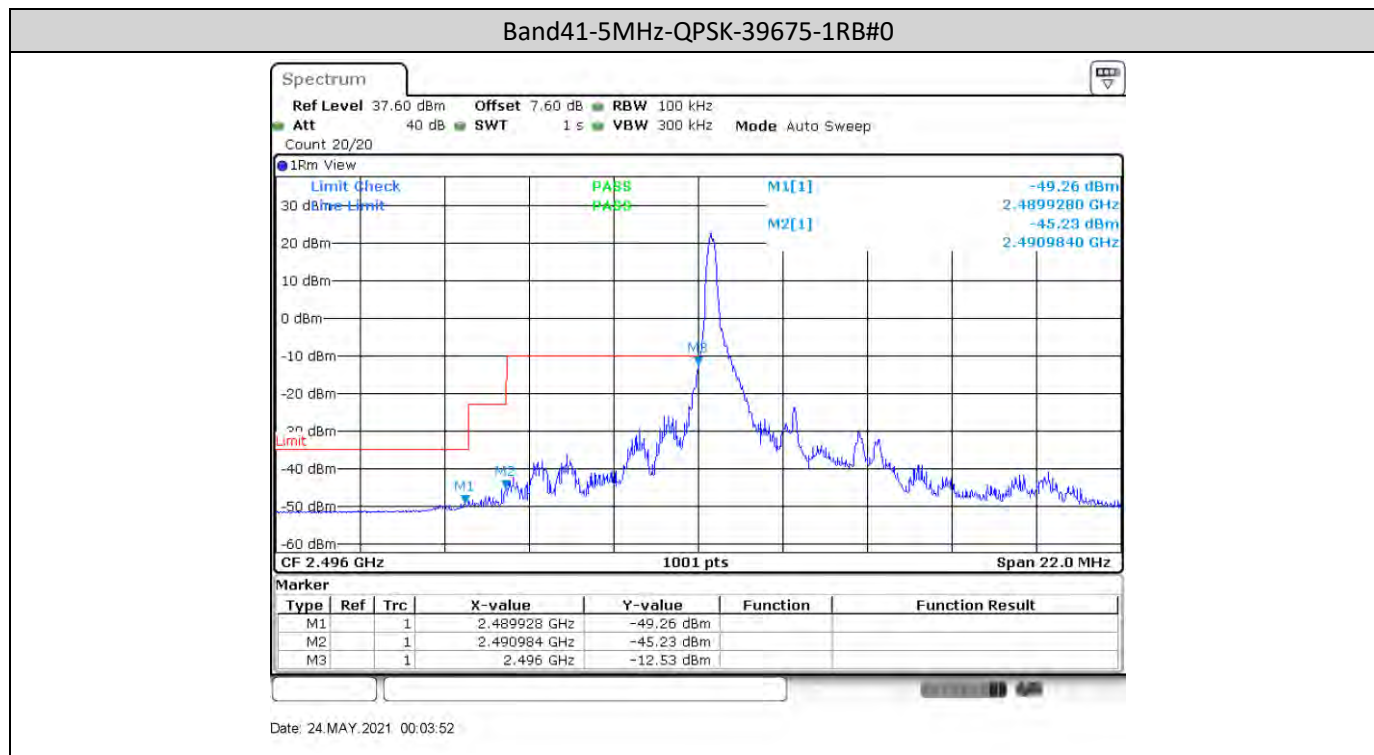
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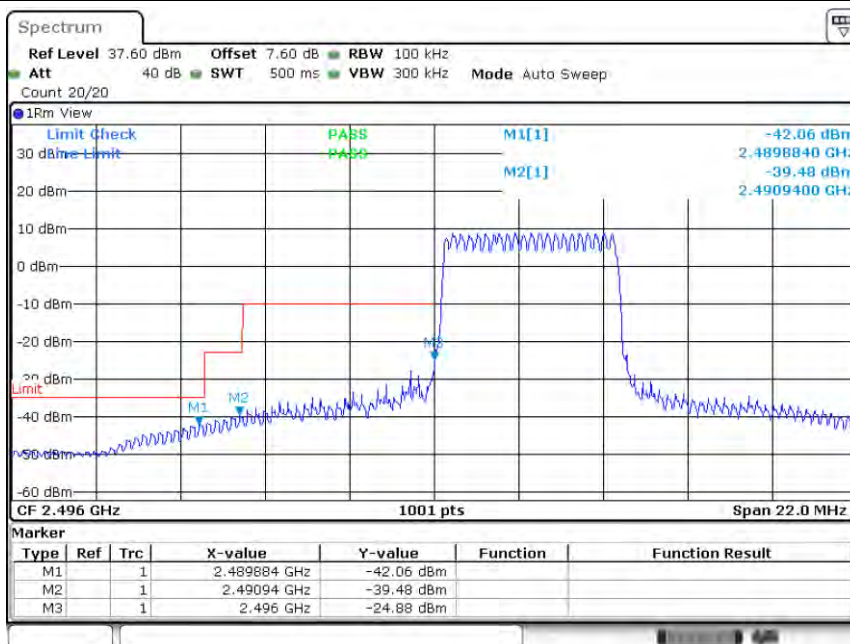
5. Band Edge Compliance

5.1. Test Plots



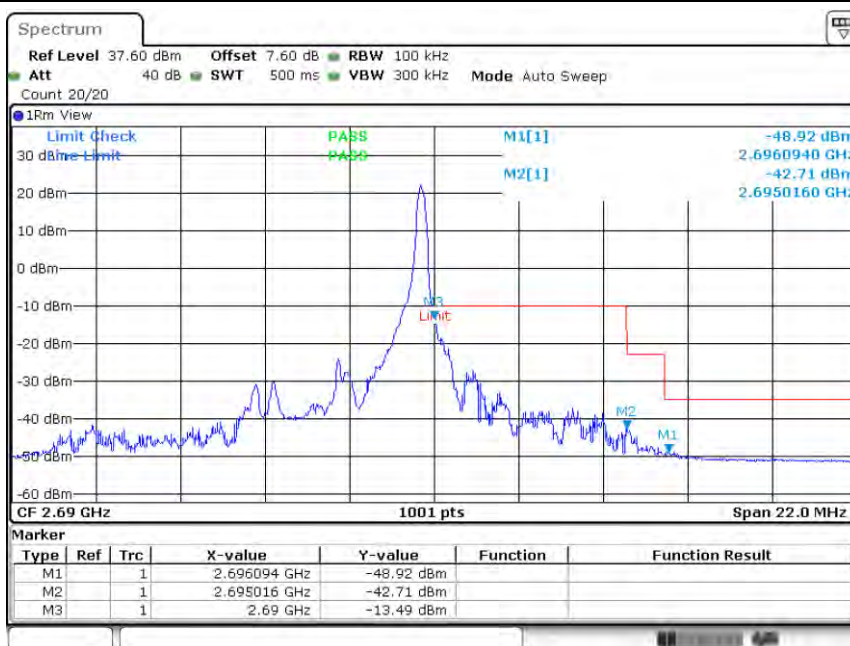


Band41-5MHz-QPSK-39675-25RB#0



Date: 24 MAY.2021 00:05:59

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

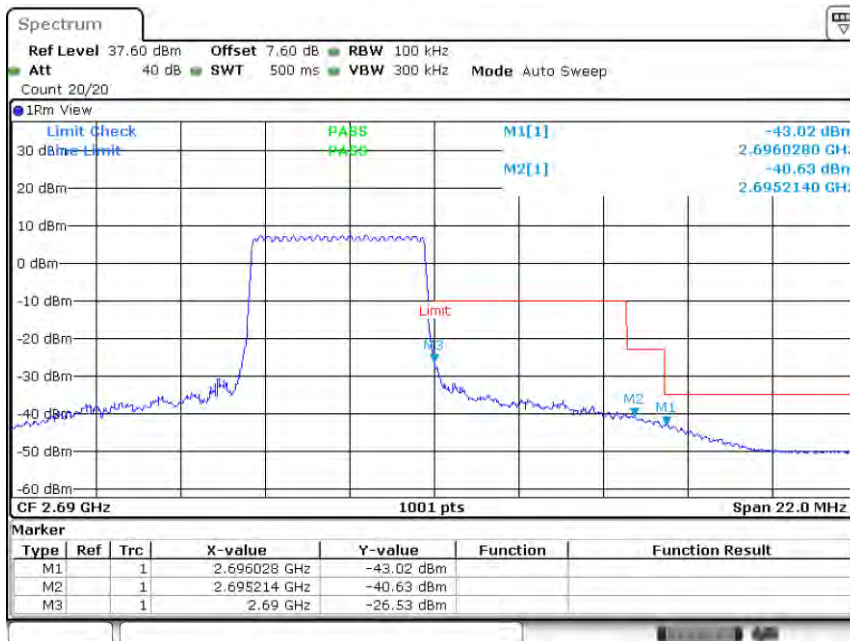


Date: 24 MAY.2021 00:04:57



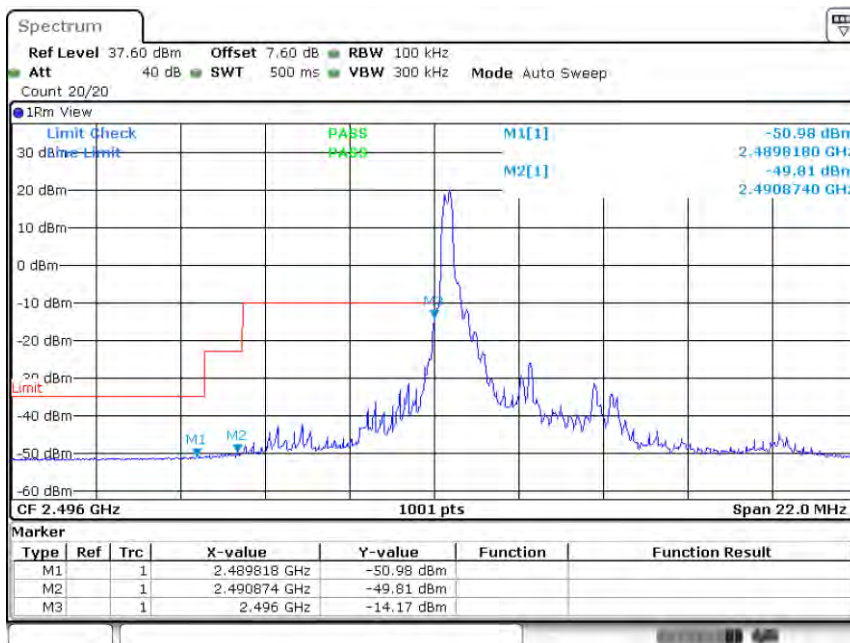


Band41-5MHz-QPSK-41565-25RB#0



Date: 24 MAY.2021 00:06:51

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



Date: 24 MAY.2021 00:11:44

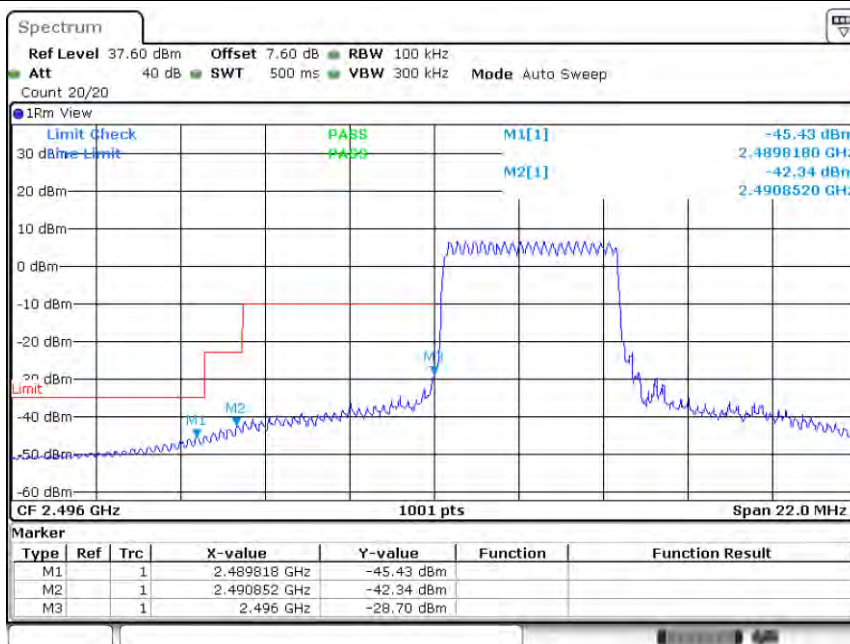


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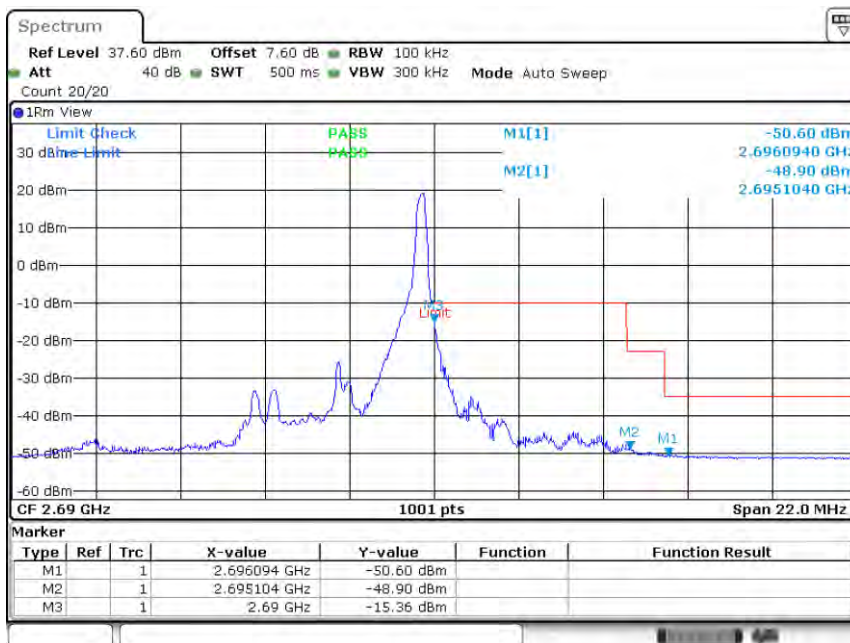
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Band41-5MHz-64QAM-39675-25RB#0



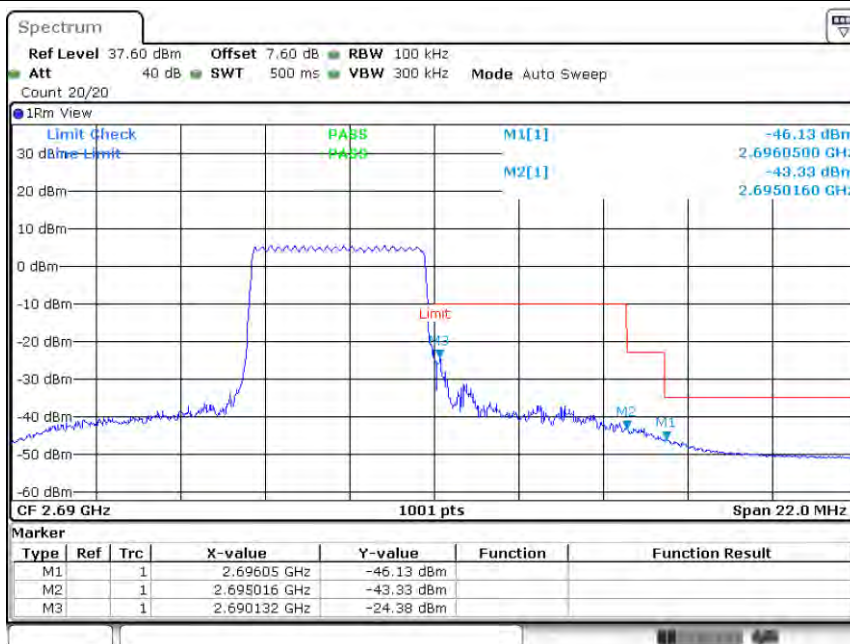
Date: 24 MAY.2021 00:13:53

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



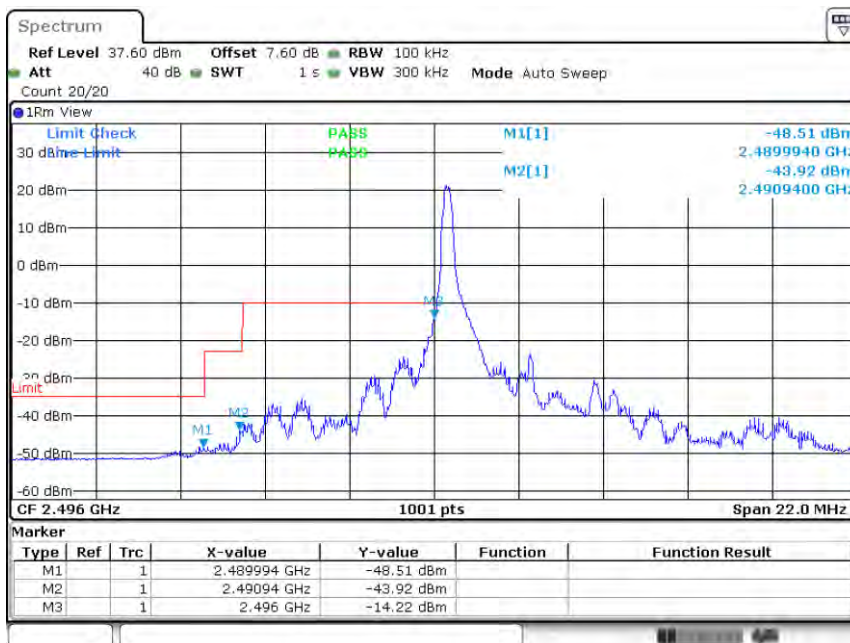
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Band41-5MHz-64QAM-41565-25RB#0



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



Date: 24 MAY.2021 00:04:26

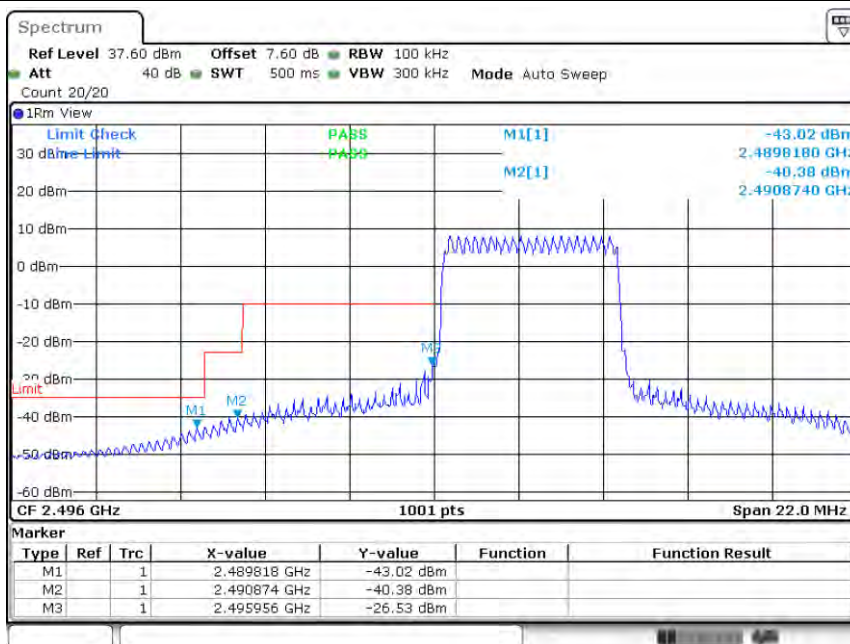


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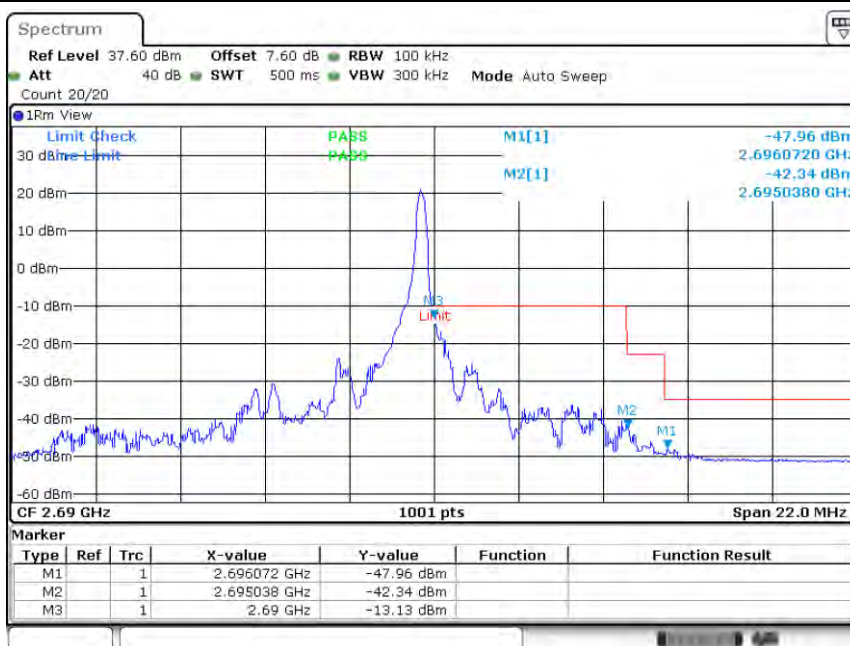


Band41-5MHz-16QAM-39675-25RB#0



Date: 24 MAY.2021 00:06:29

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



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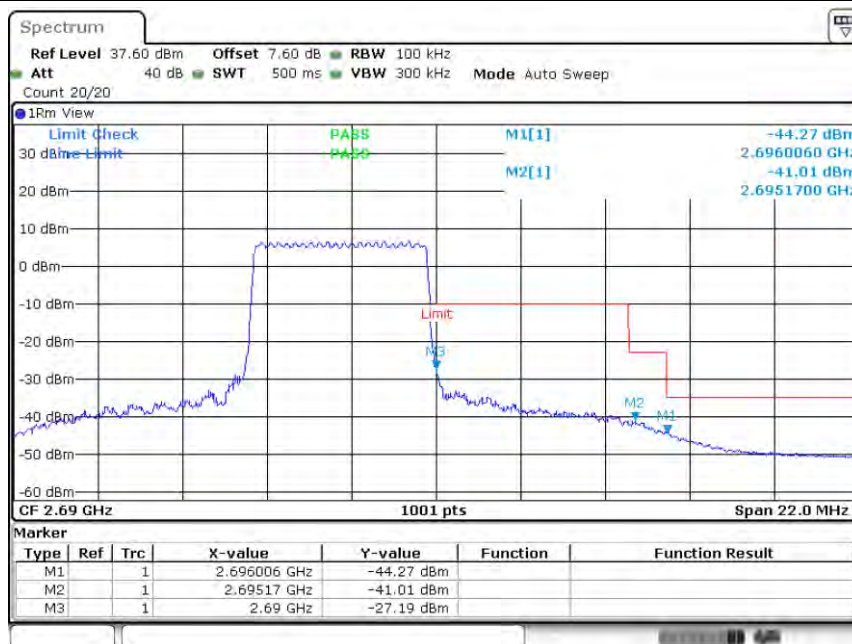


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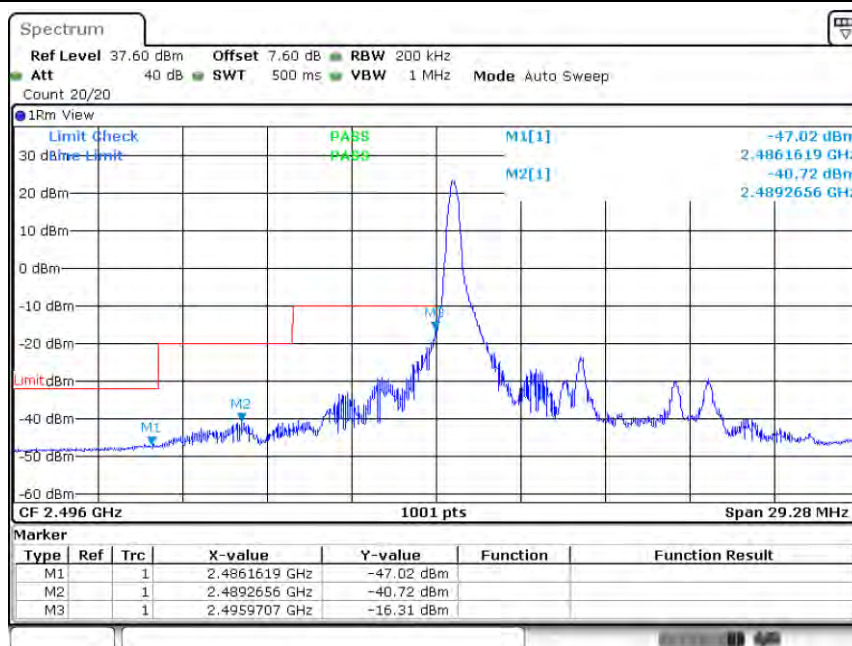
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Band41-5MHz-16QAM-41565-25RB#0



Date: 24 MAY.2021 00:07:13

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



Date: 23 MAY.2021 23:29:18

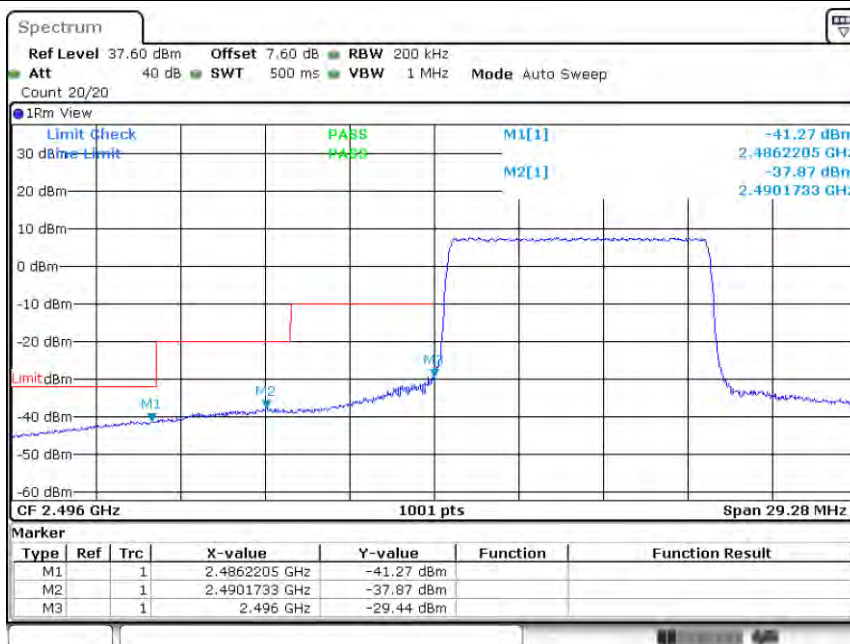


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Band41-10MHz-QPSK-39700-50RB#0



Date: 23.MAY.2021 23:30:53

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



Date: 23.MAY.2021 23:30:05



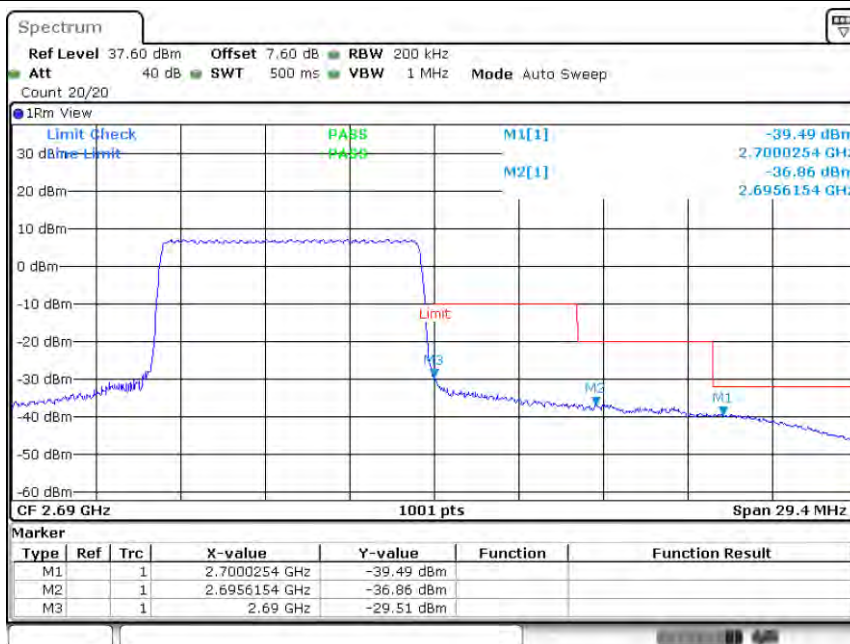
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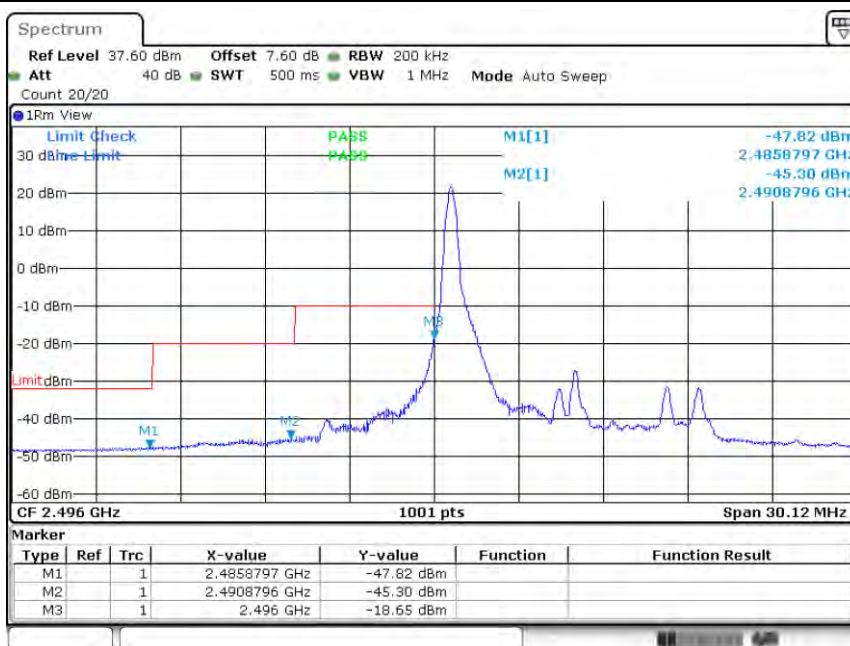


Band41-10MHz-QPSK-41540-50RB#0



Date: 23.MAY.2021 23:31:36

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



Date: 23.MAY.2021 23:52:45

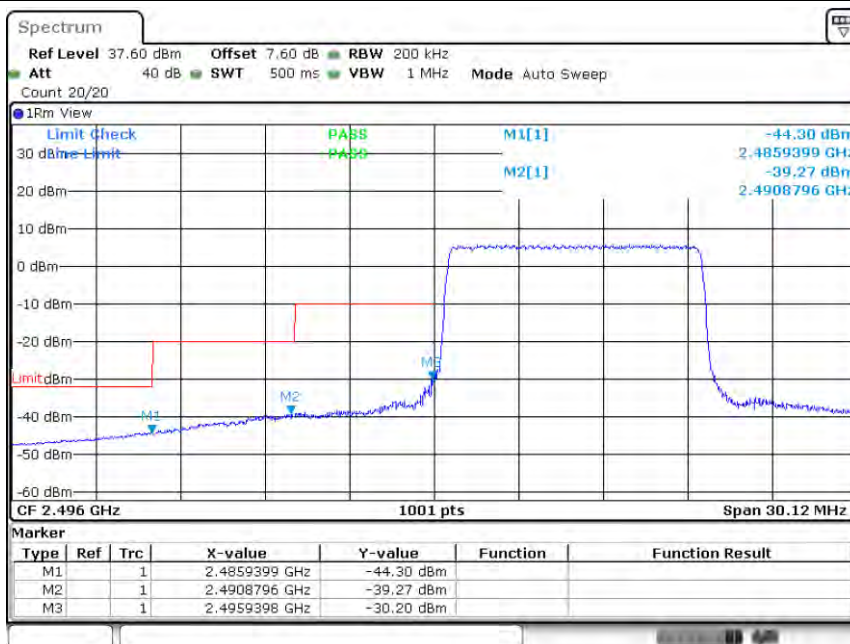


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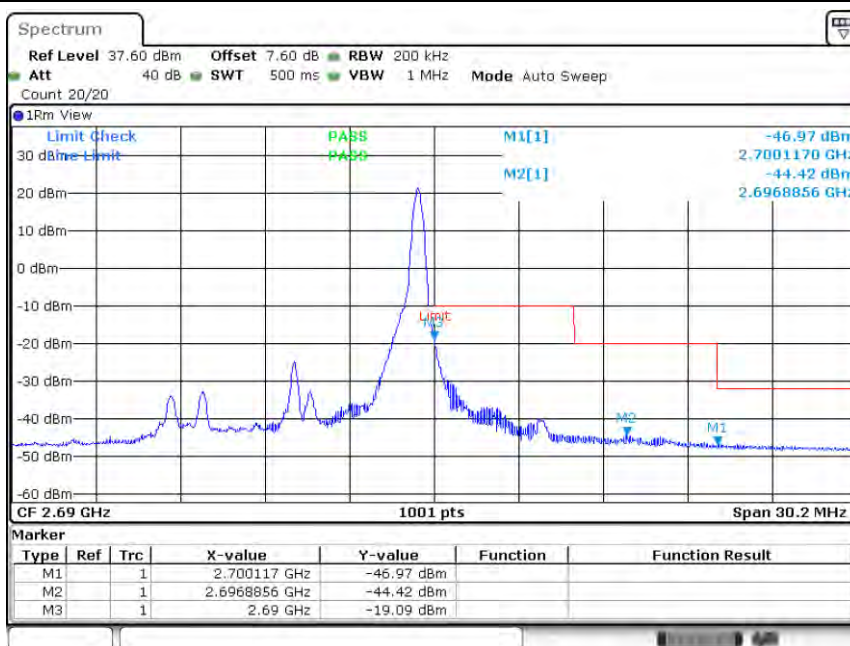


Band41-10MHz-64QAM-39700-50RB#0



Date: 23 MAY 2021 23:53:38

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



Date: 23 MAY 2021 23:53:12



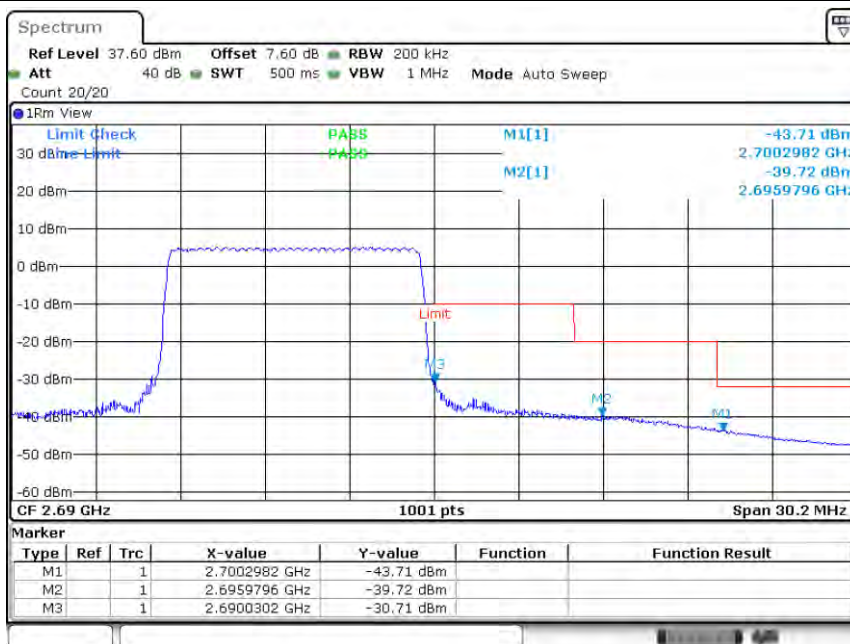
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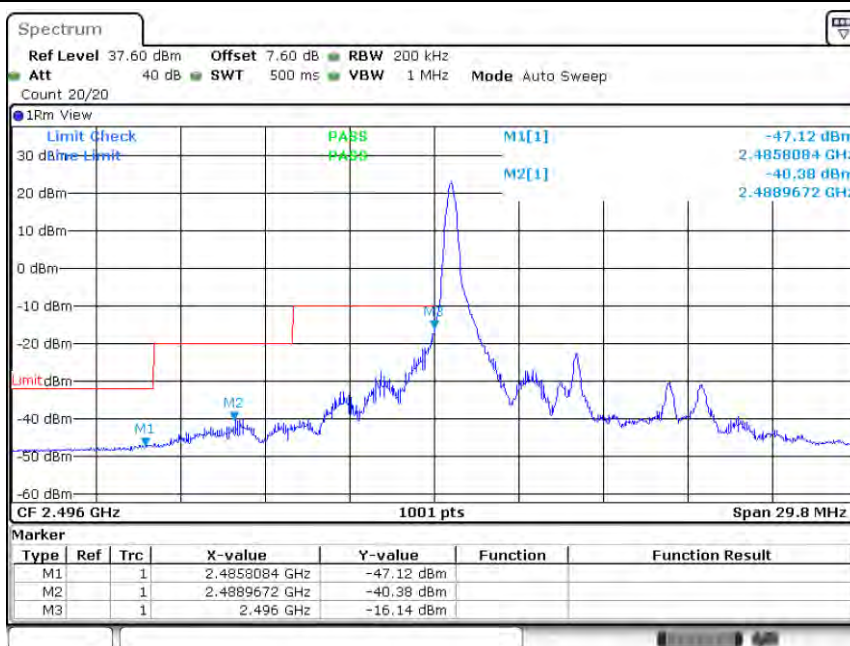


Band41-10MHz-64QAM-41540-50RB#0



Date: 23.MAY.2021 23:54:00

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



Date: 23.MAY.2021 23:29:39



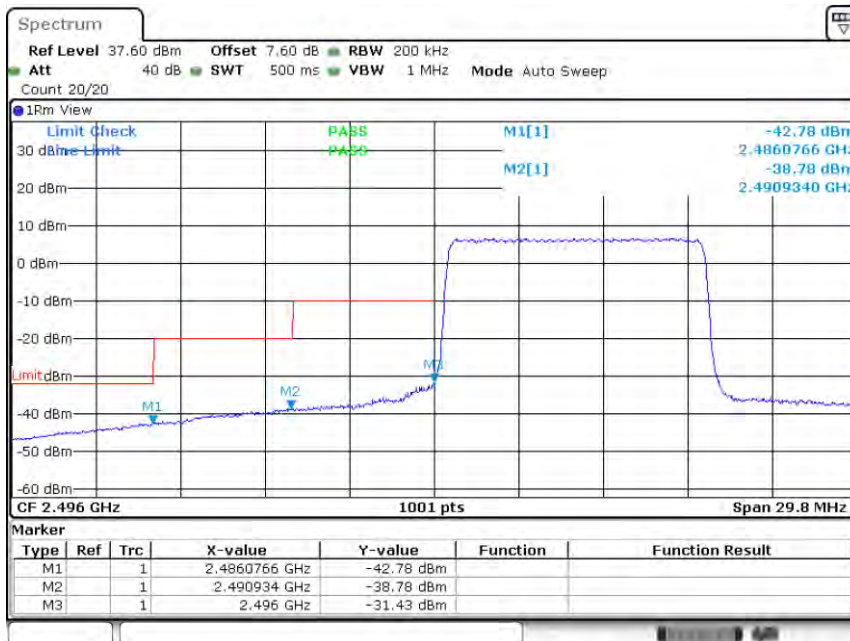
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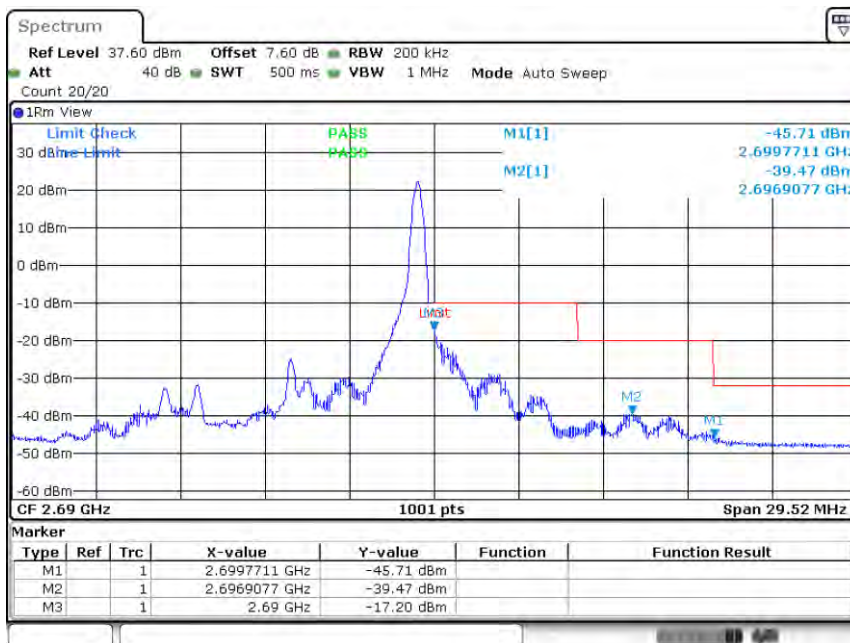


Band41-10MHz-16QAM-39700-50RB#0



Date: 23.MAY.2021 23:31:14

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



Date: 23.MAY.2021 23:30:27



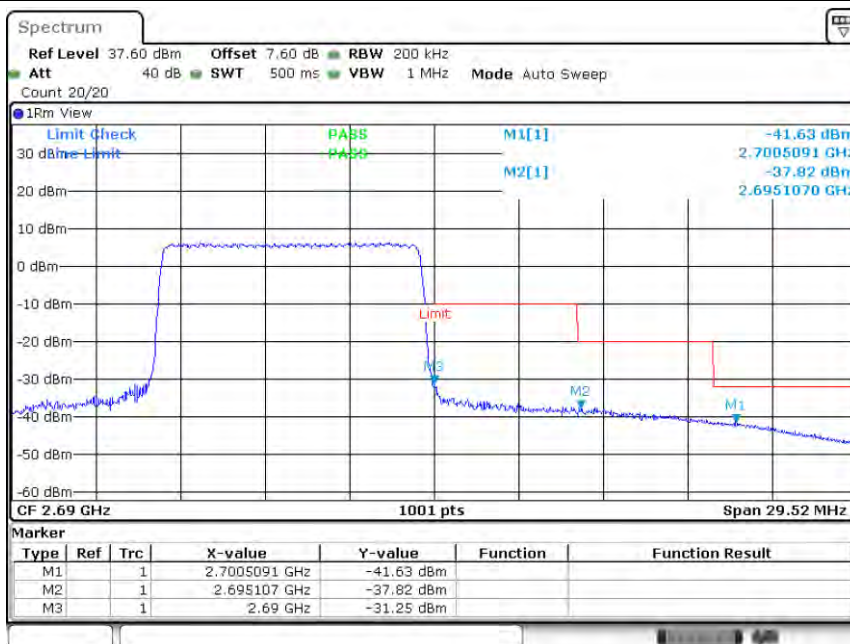
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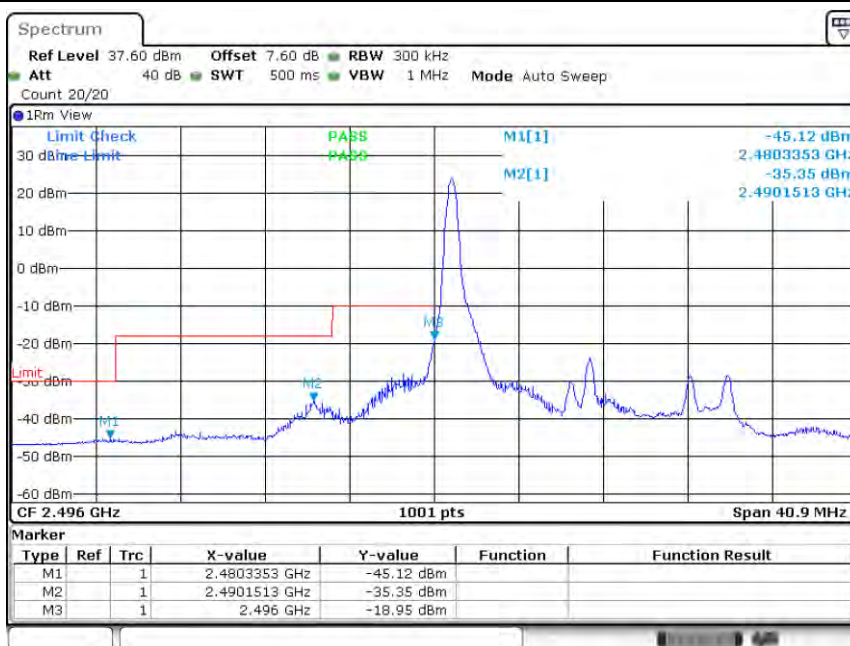


Band41-10MHz-16QAM-41540-50RB#0



Date: 23.MAY.2021 23:31:57

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

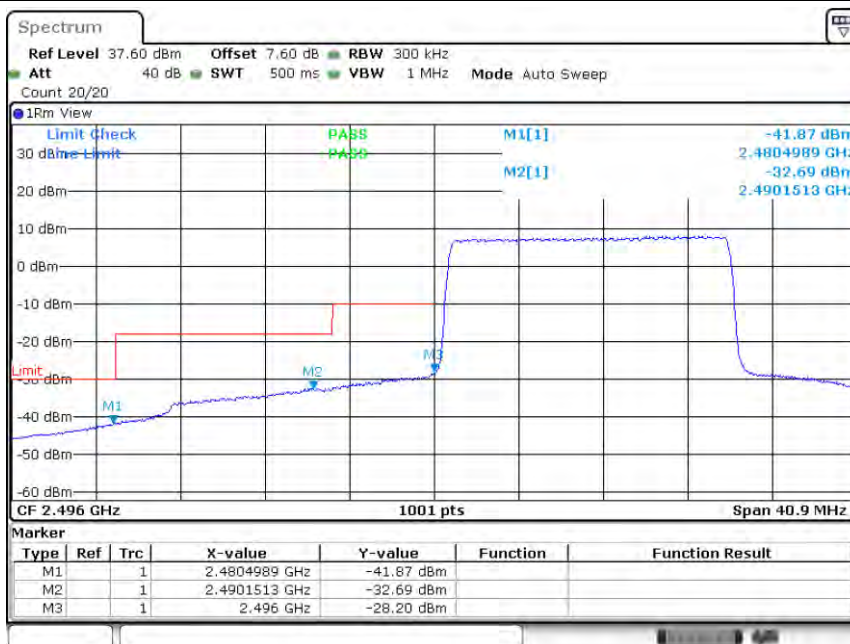


Date: 23.MAY.2021 23:32:25



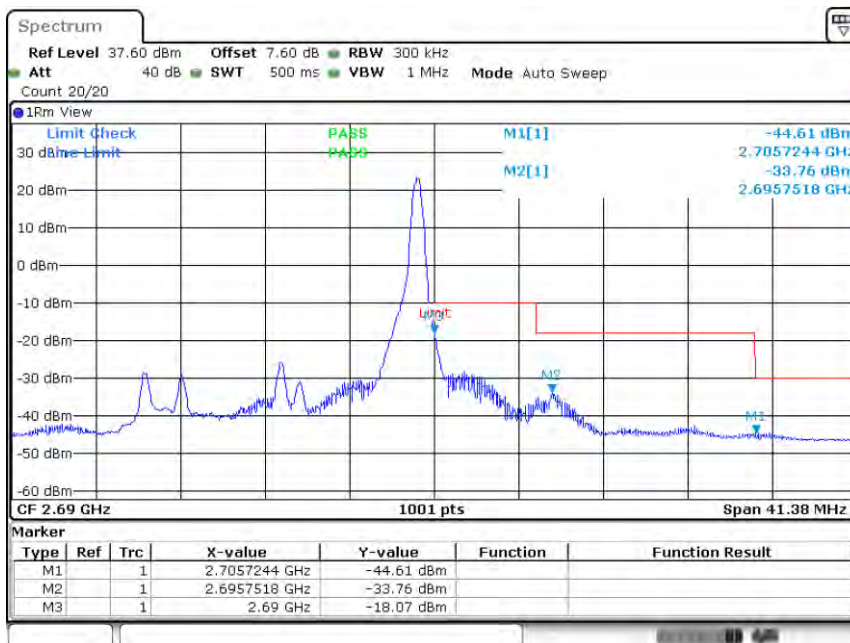


Band41-15MHz-QPSK-39725-75RB#0



Date: 23.MAY.2021 23:33:59

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



Date: 23.MAY.2021 23:33:12



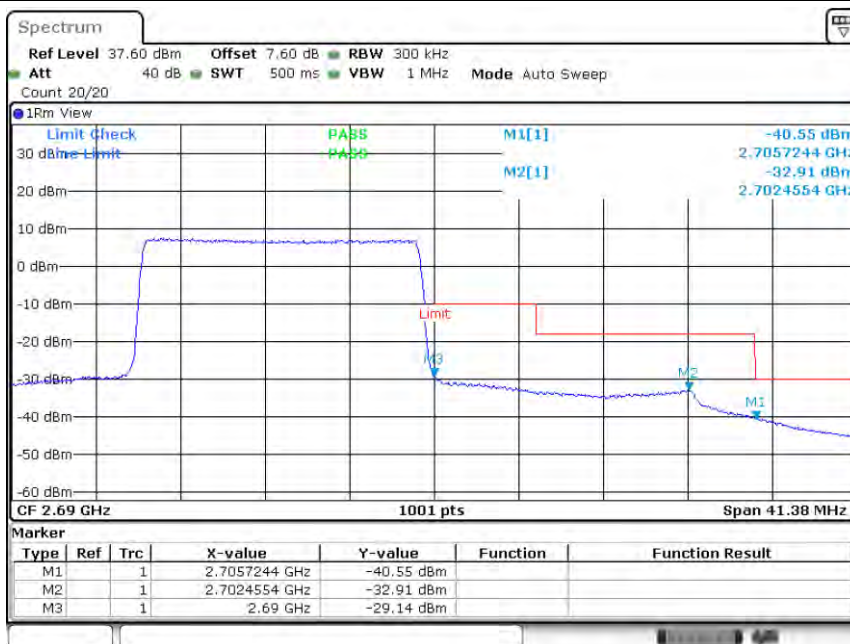
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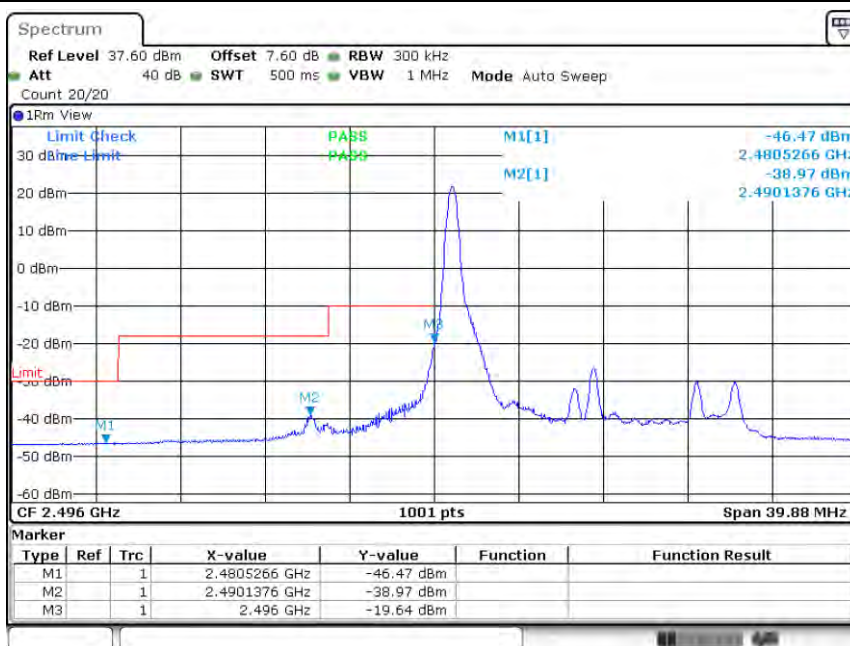


Band41-15MHz-QPSK-41515-75RB#0



Date: 23.MAY.2021 23:34:43

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



Date: 23.MAY.2021 23:54:29

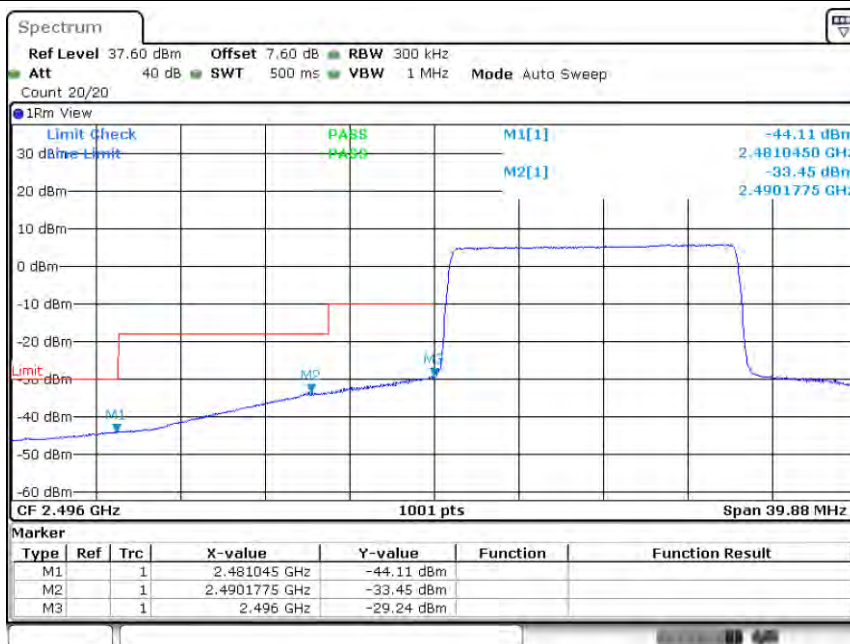


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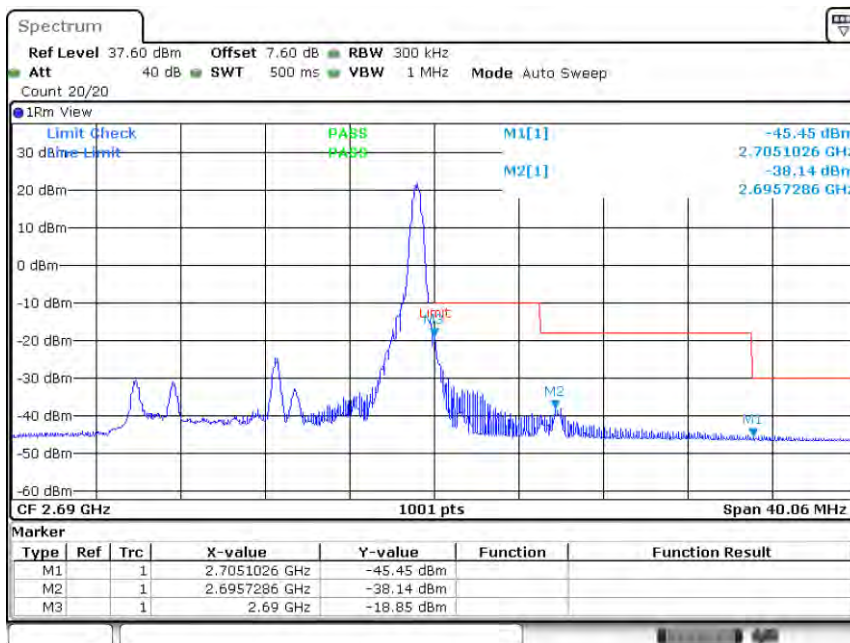
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Band41-15MHz-64QAM-39725-75RB#0



Date: 23.MAY.2021 23:55:22

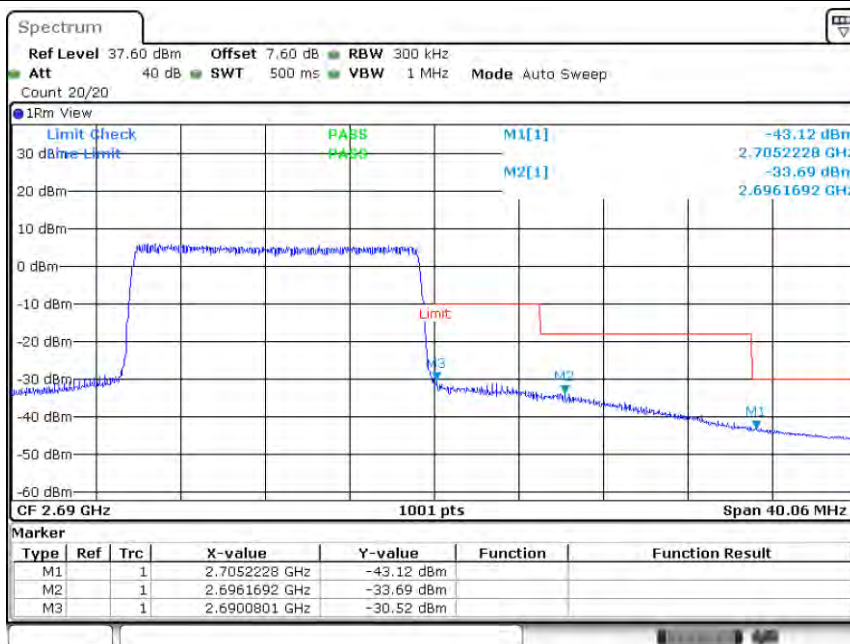
Band41-15MHz-64QAM-41515-1RB#74



Date: 23.MAY.2021 23:54:55

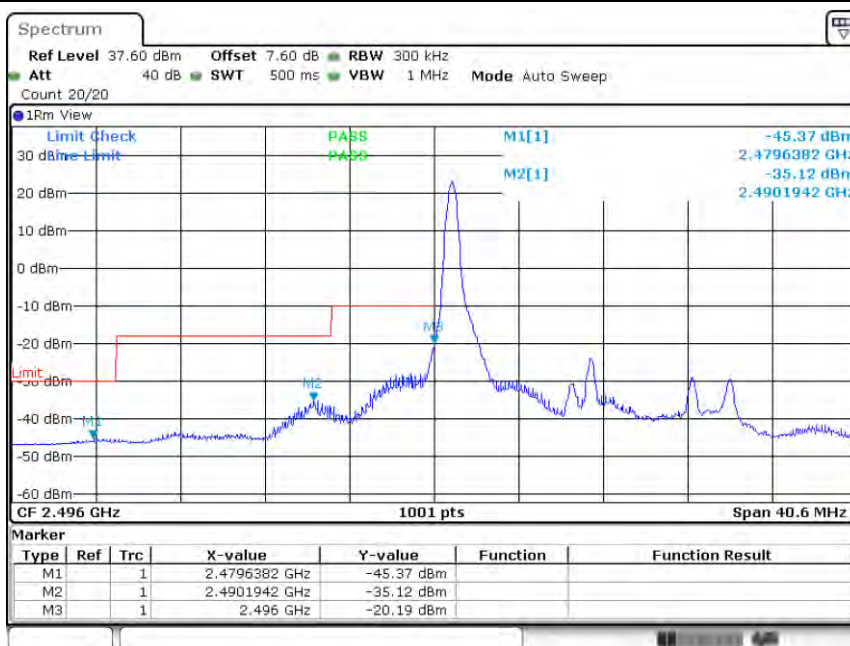


Band41-15MHz-64QAM-41515-75RB#0



Date: 23.MAY.2021 23:55:44

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



Date: 23.MAY.2021 23:32:46



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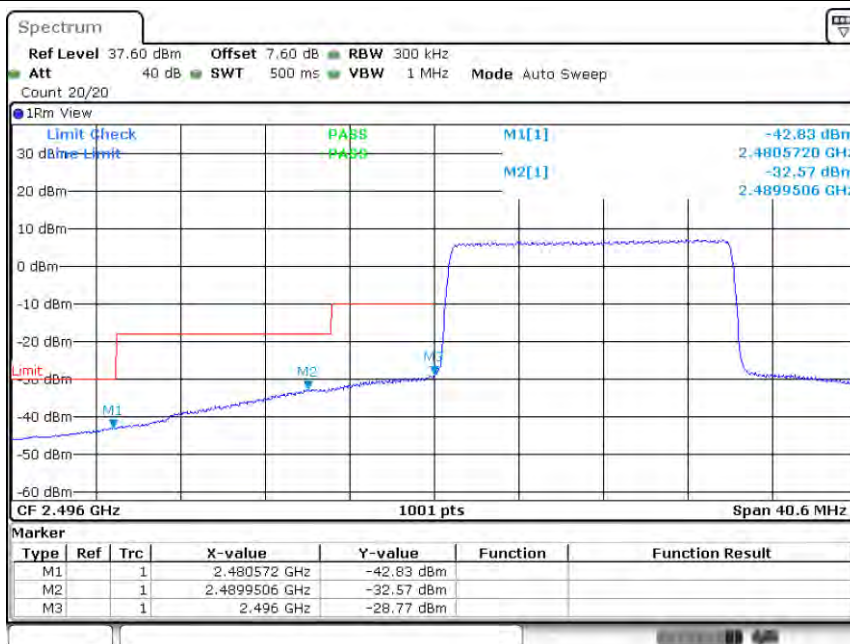
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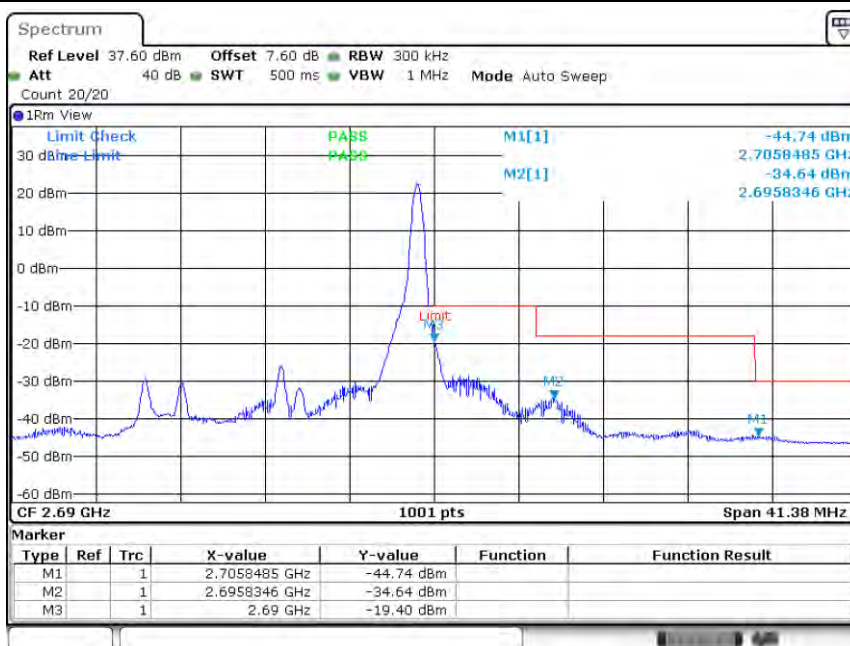
Member of the SGS Group (SGS SA)

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



Date: 23 MAY 2021 23:34:21

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

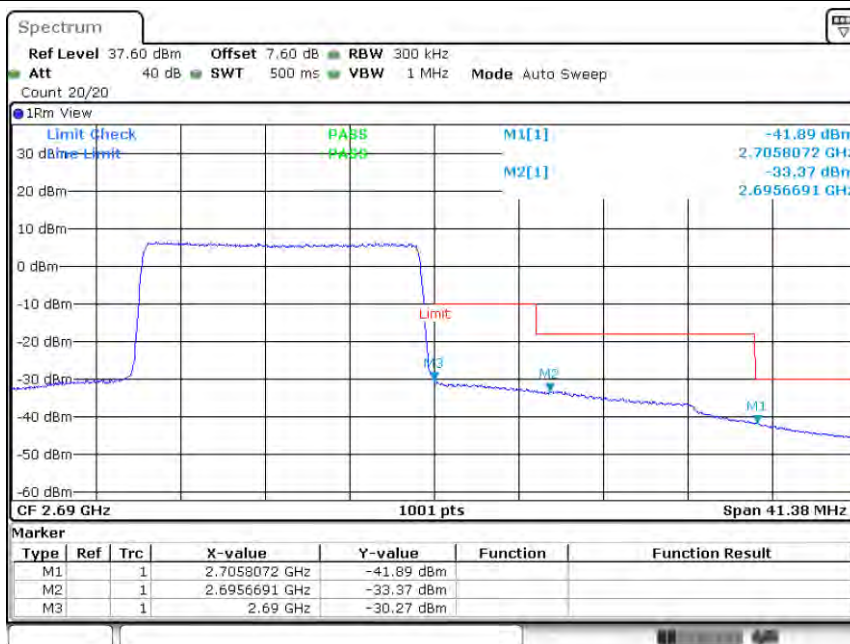


Date: 23 MAY 2021 23:33:34



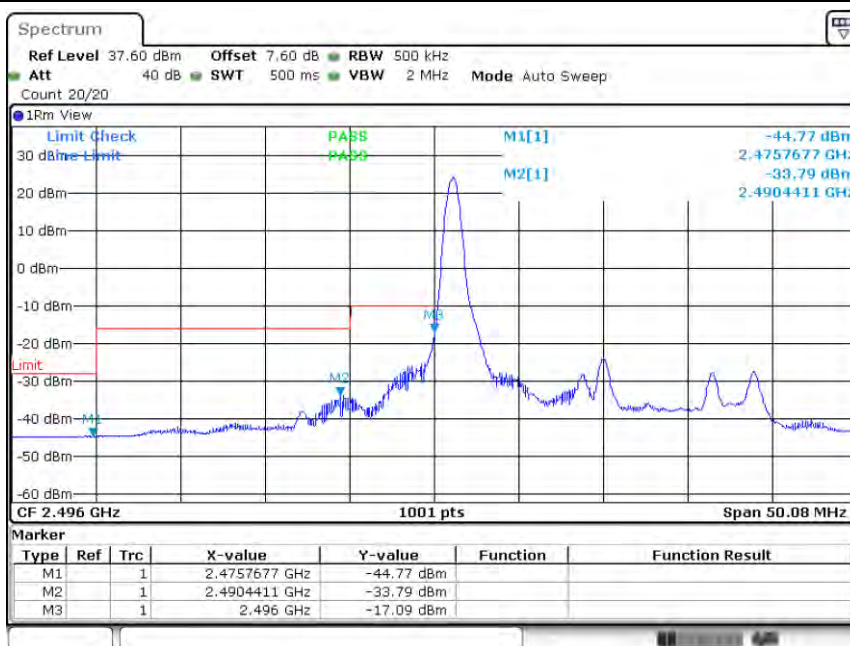


Band41-15MHz-16QAM-41515-75RB#0



Date: 23.MAY.2021 23:35:04

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



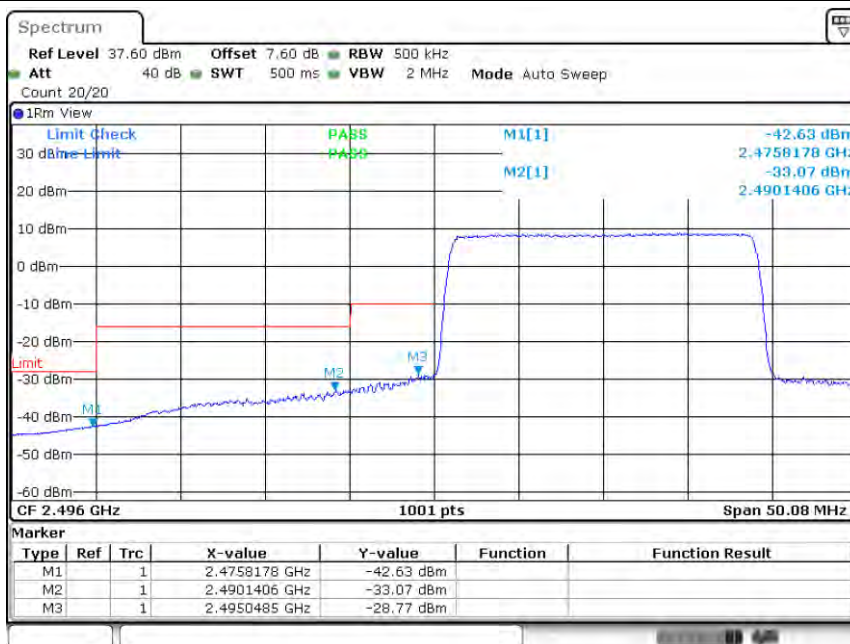
Date: 23.MAY.2021 23:35:32



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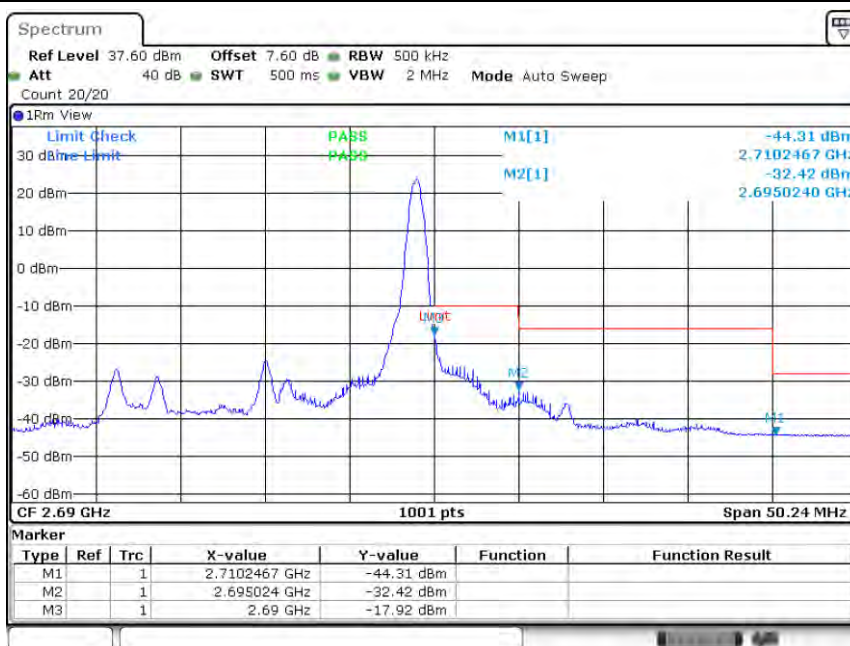
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Band41-20MHz-QPSK-39750-100RB#0



Date: 23.MAY.2021 23:37:06

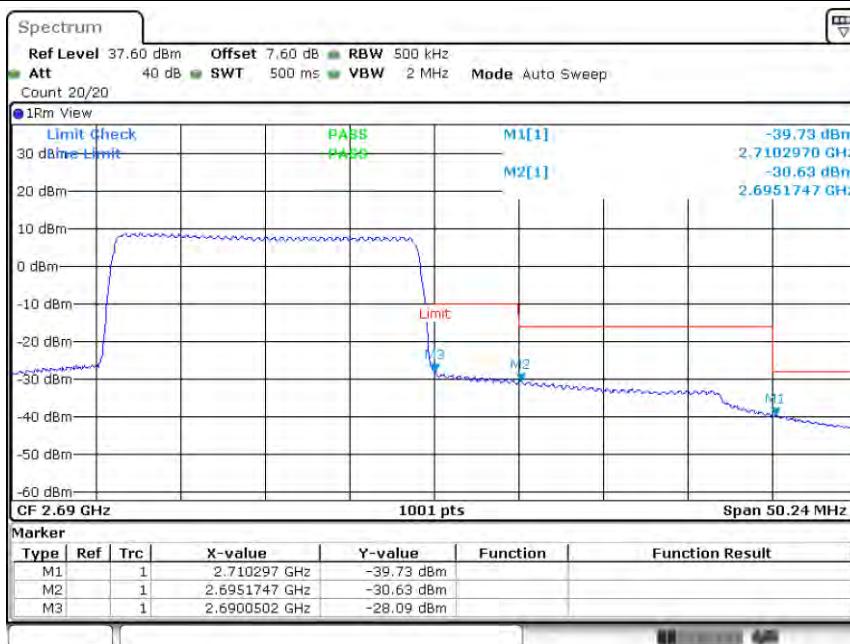
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Date: 23.MAY.2021 23:36:19

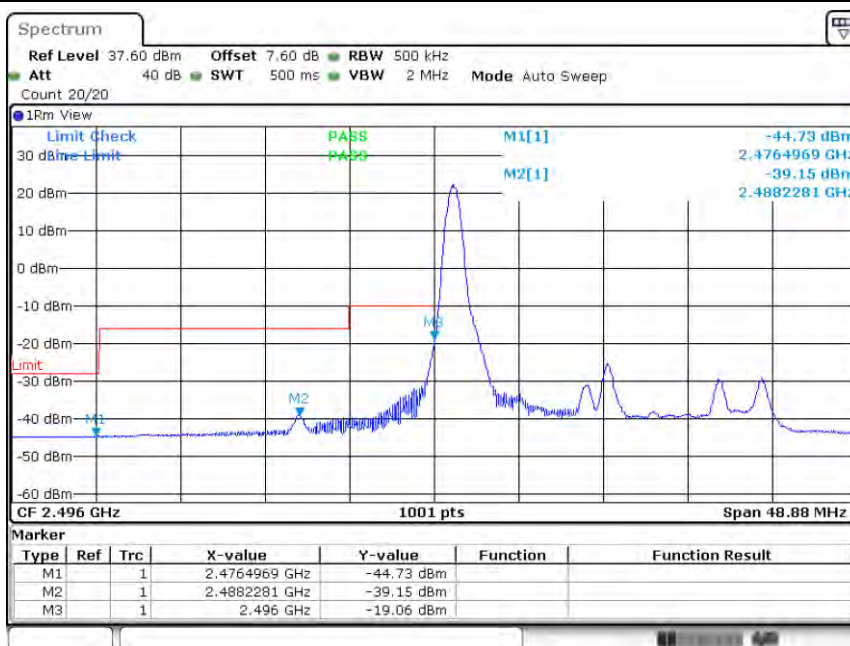


Band41-20MHz-QPSK-41490-100RB#0



Date: 23.MAY.2021 23:37:50

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



Date: 23.MAY.2021 23:56:12



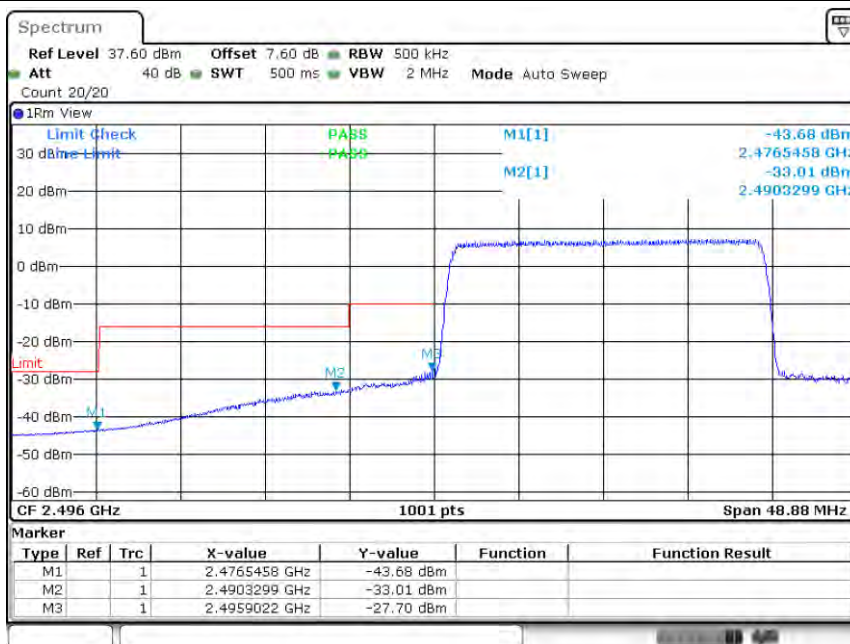
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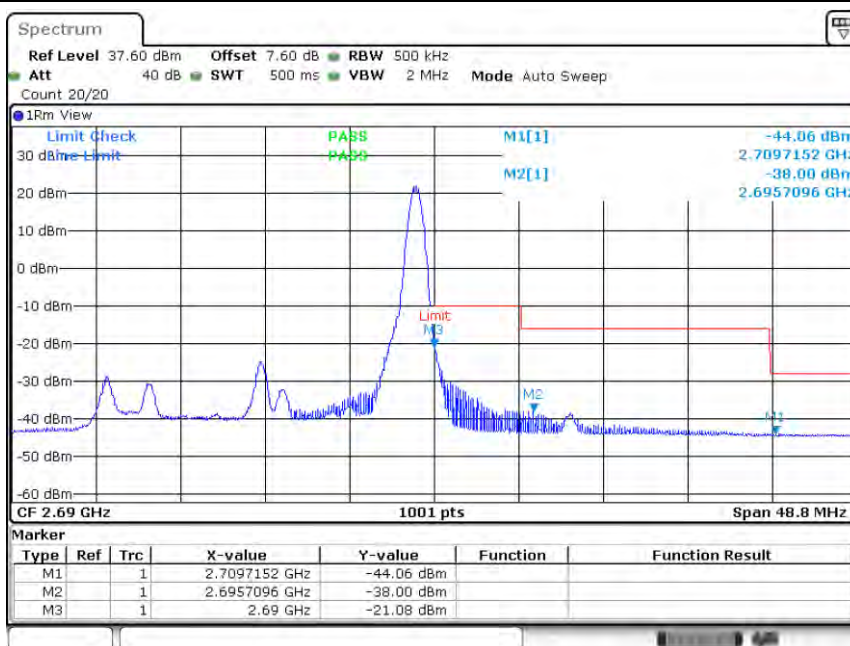


Band41-20MHz-64QAM-39750-100RB#0



Date: 23.MAY.2021 23:57:06

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

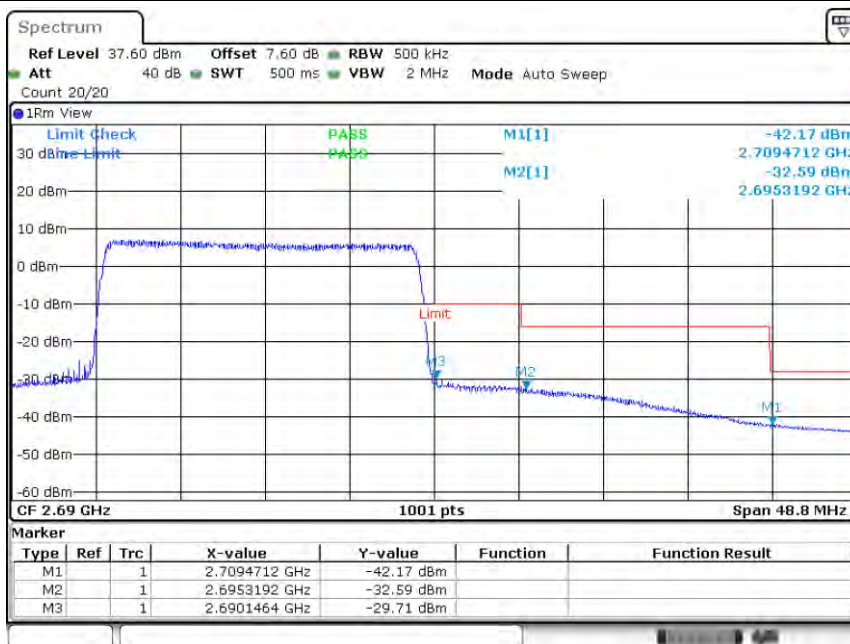


Date: 23.MAY.2021 23:56:39



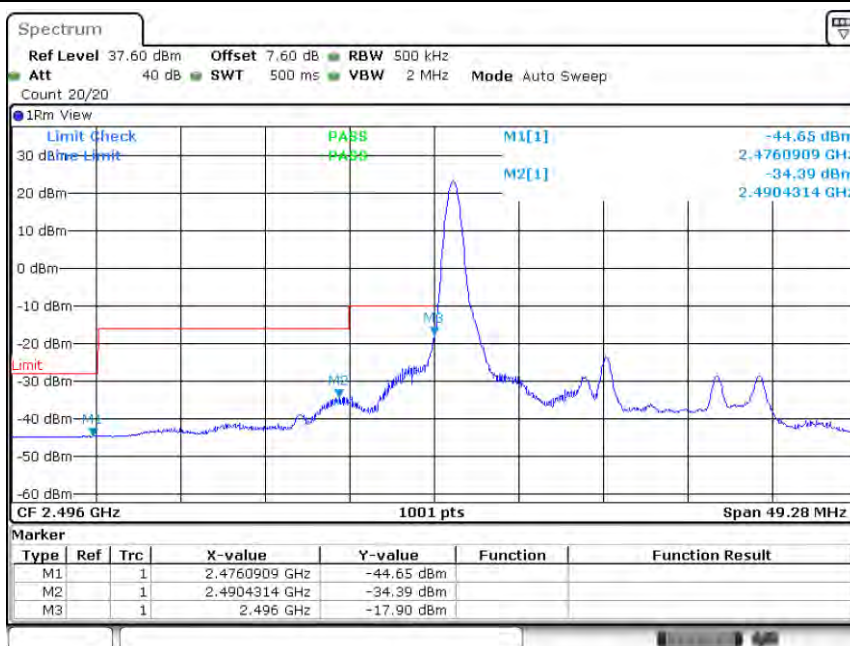


Band41-20MHz-64QAM-41490-100RB#0



Date: 23.MAY.2021 23:57:28

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



Date: 23.MAY.2021 23:35:53

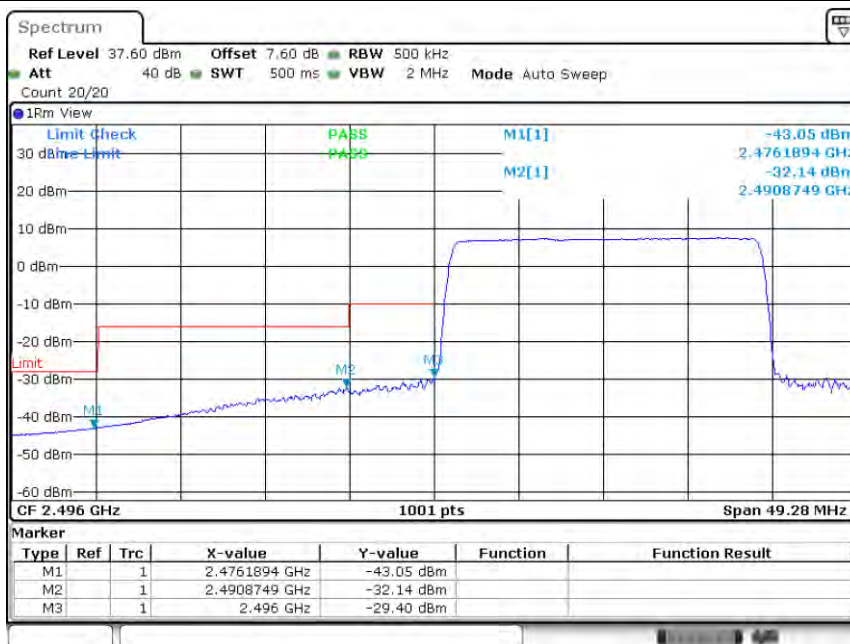


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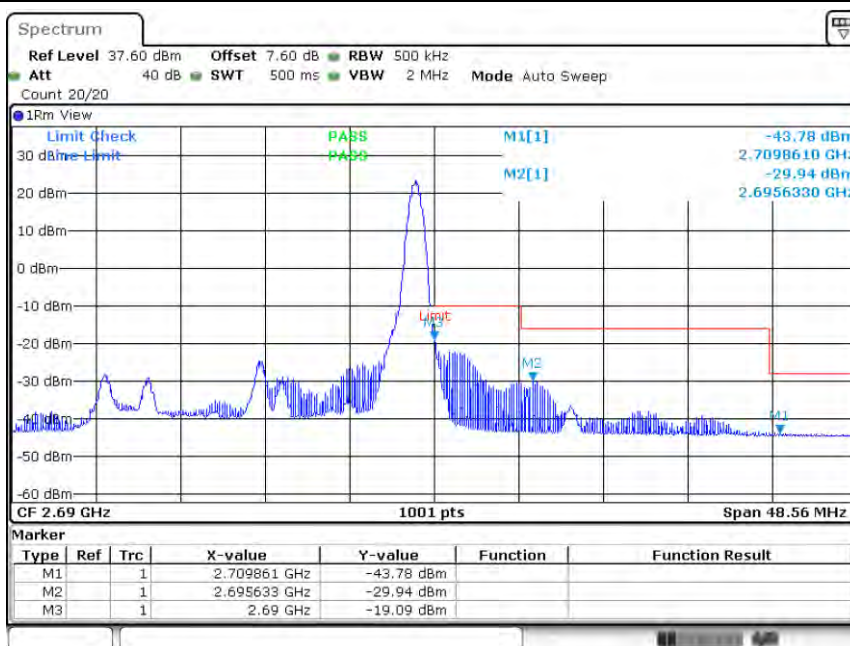


Band41-20MHz-16QAM-39750-100RB#0



Date: 23 MAY 2021 23:37:28

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

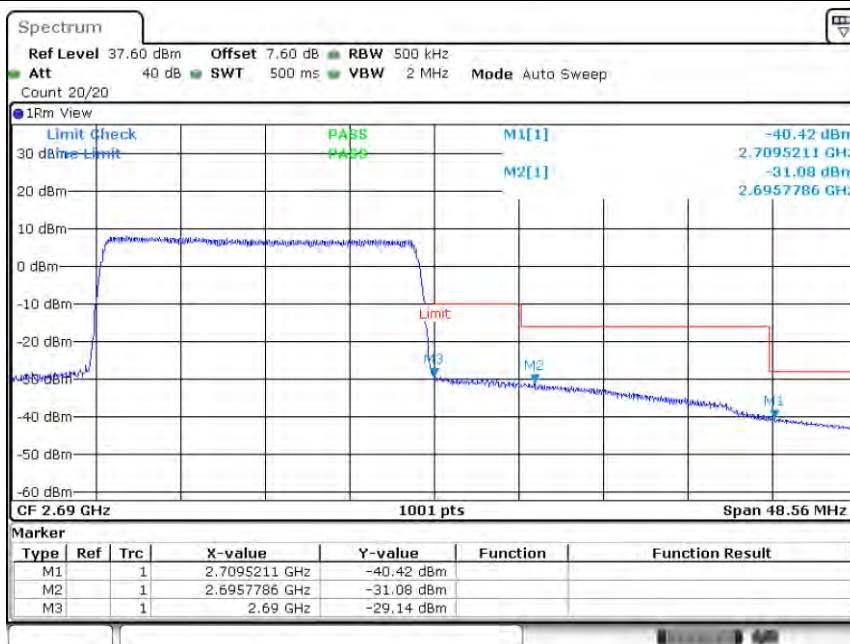


Date: 23 MAY 2021 23:36:41





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



Remark: The limit of more than 1MHz offset the channel edge is corrected by the formula:
 $X = \text{Limit} + 10 \log(\text{RBW}/1000\text{kHz})$





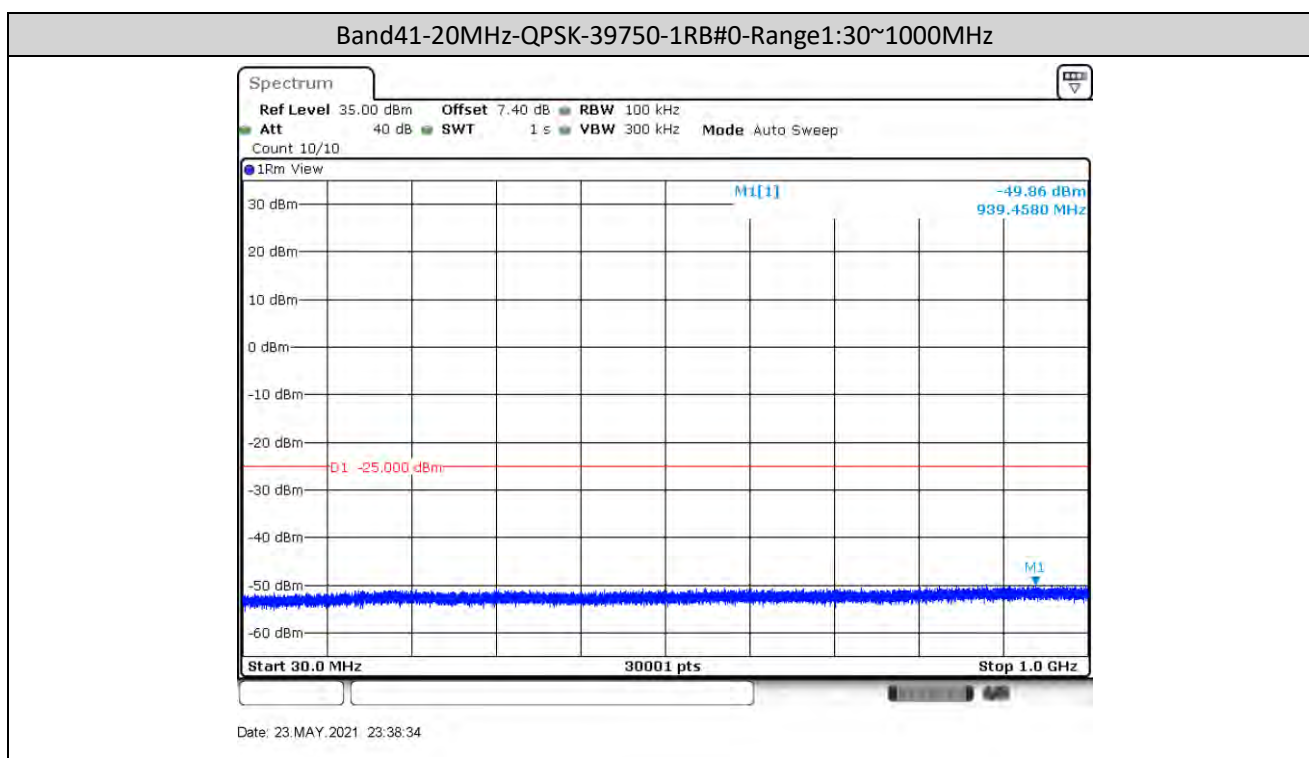
6. Spurious Emission at Antenna Terminal

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.

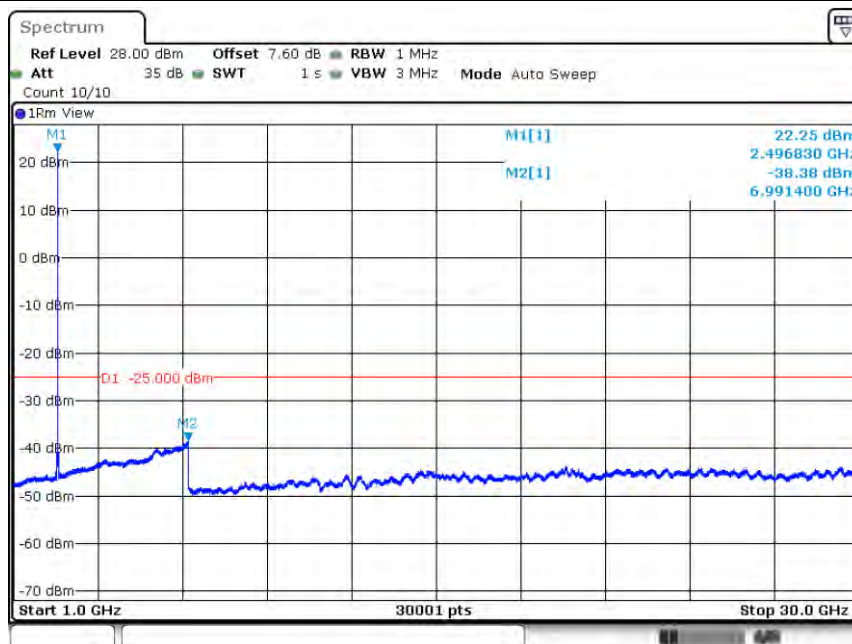
Remark2: According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

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

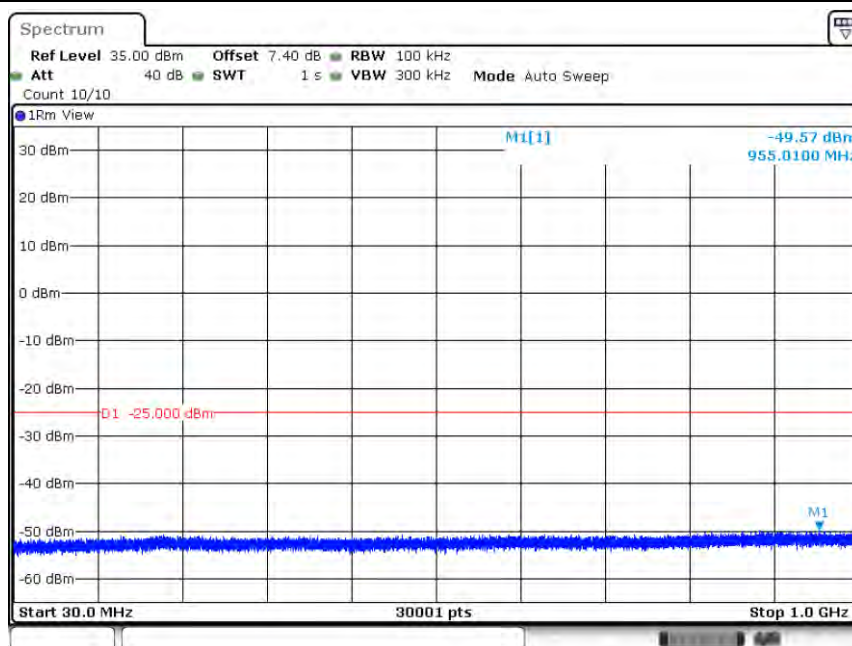


Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~30000MHz



Date: 23.MAY.2021 23:38:50

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



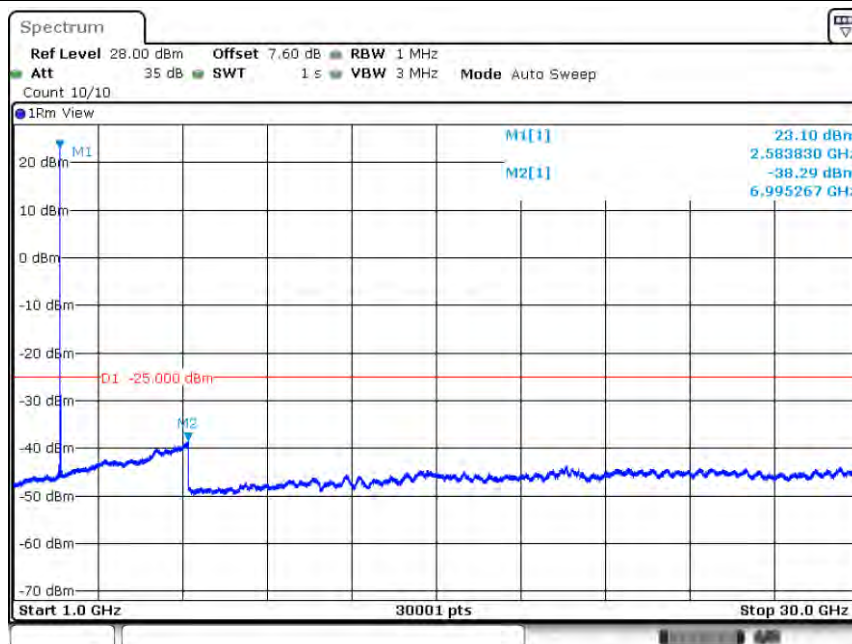
Date: 23.MAY.2021 23:39:44



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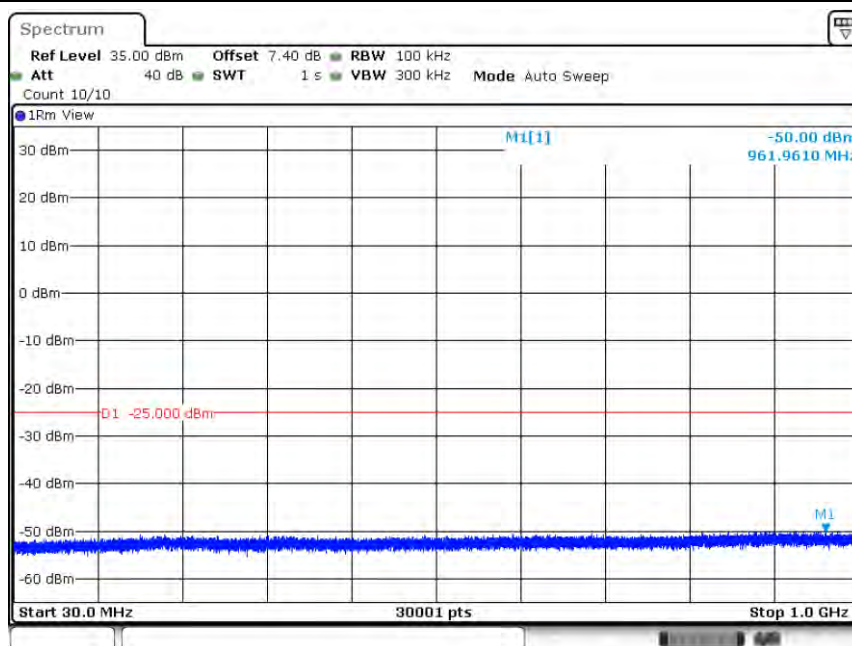
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Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~30000MHz



Date: 23.MAY.2021 23:40:01

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



Date: 23.MAY.2021 23:40:55



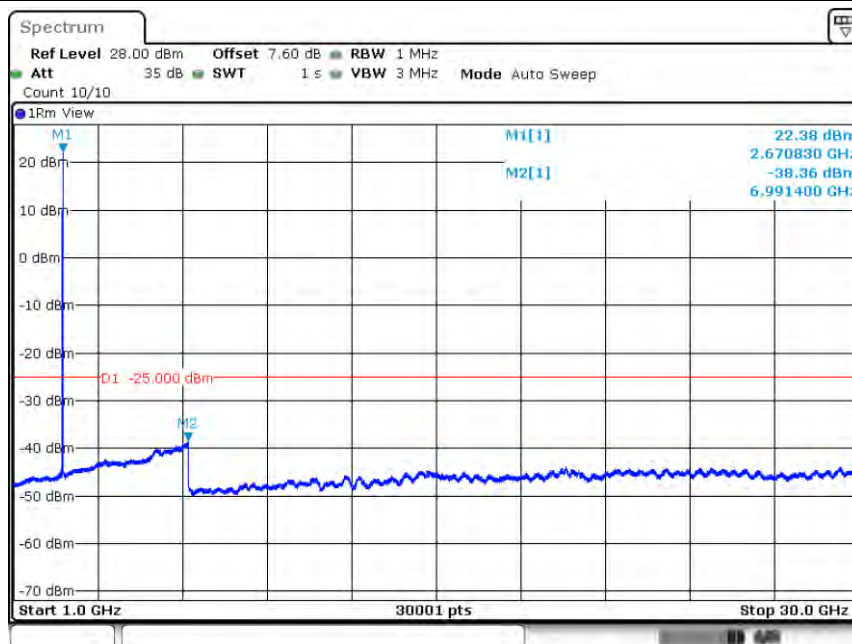
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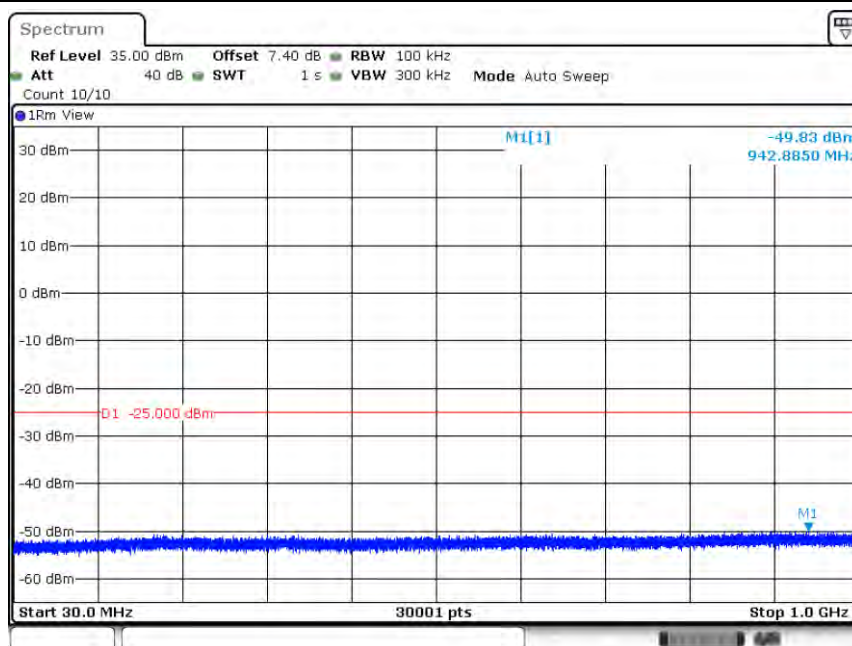


Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~30000MHz



Date: 23.MAY.2021 23:41:12

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



Date: 23.MAY.2021 23:57:52

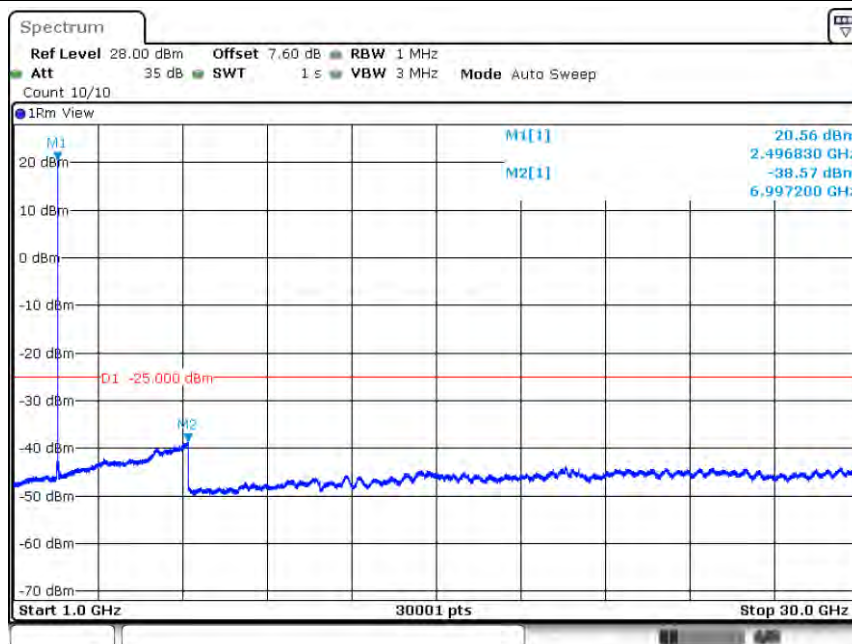


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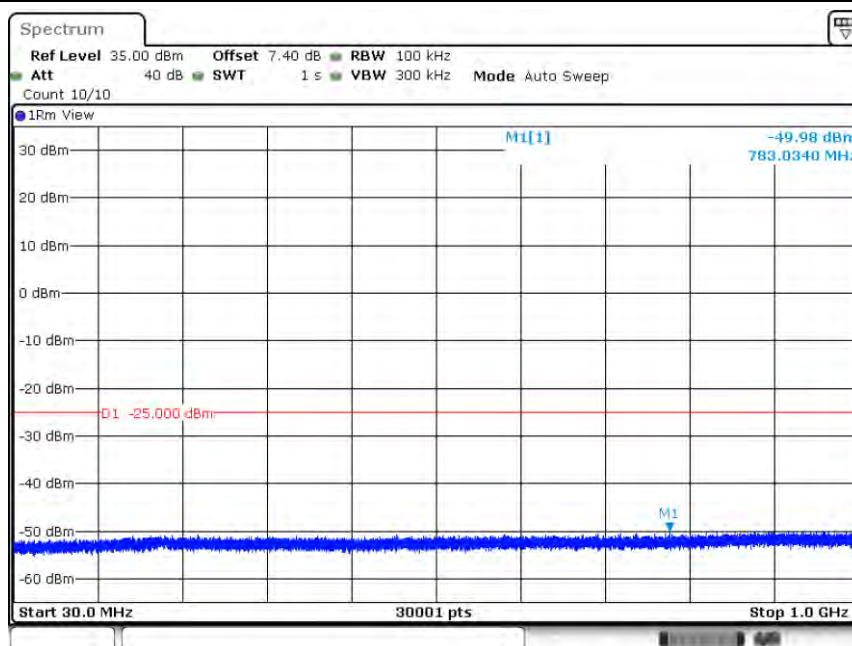
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Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 23.MAY.2021 23:58:08

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



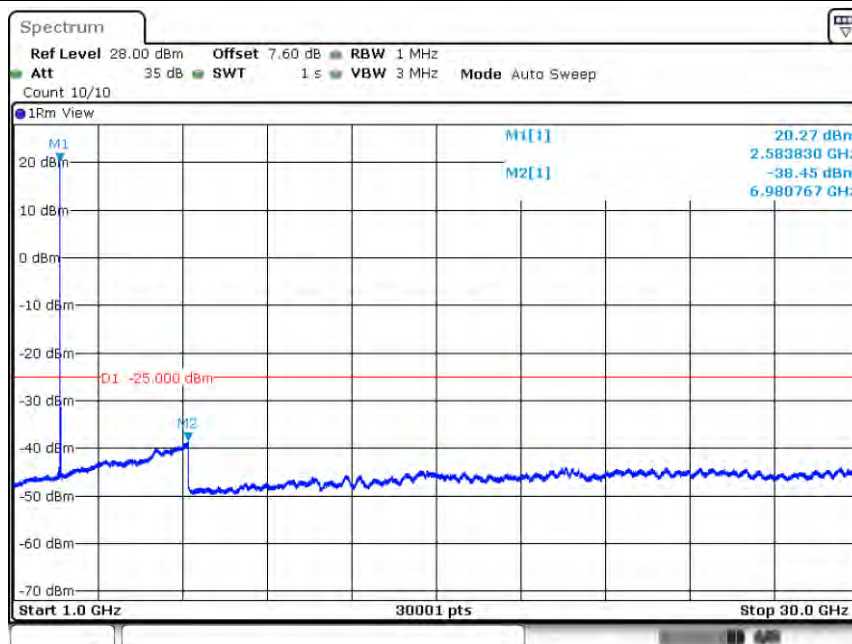
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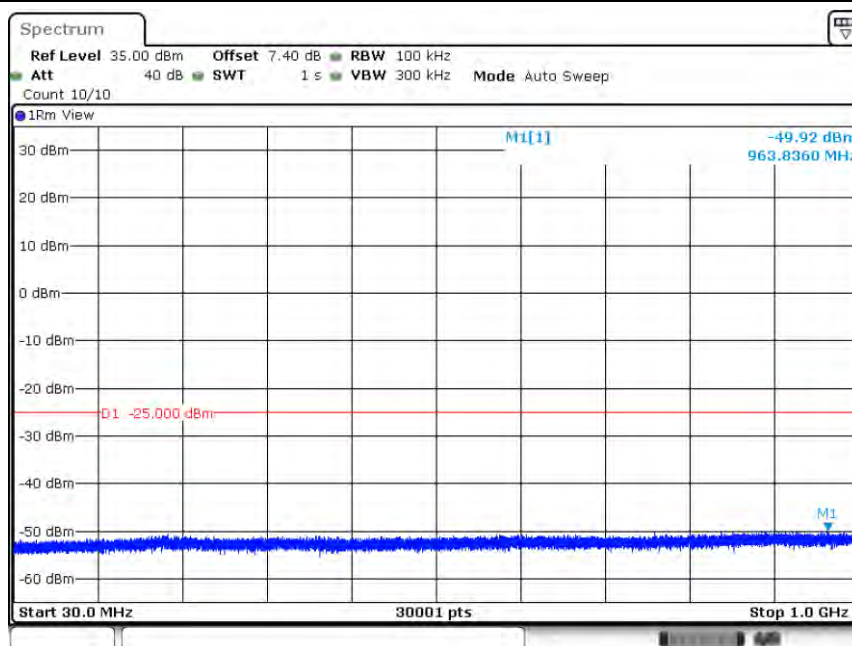
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Band41-20MHz-64QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 23.MAY.2021 23:58:43

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



Date: 23.MAY.2021 23:59:02

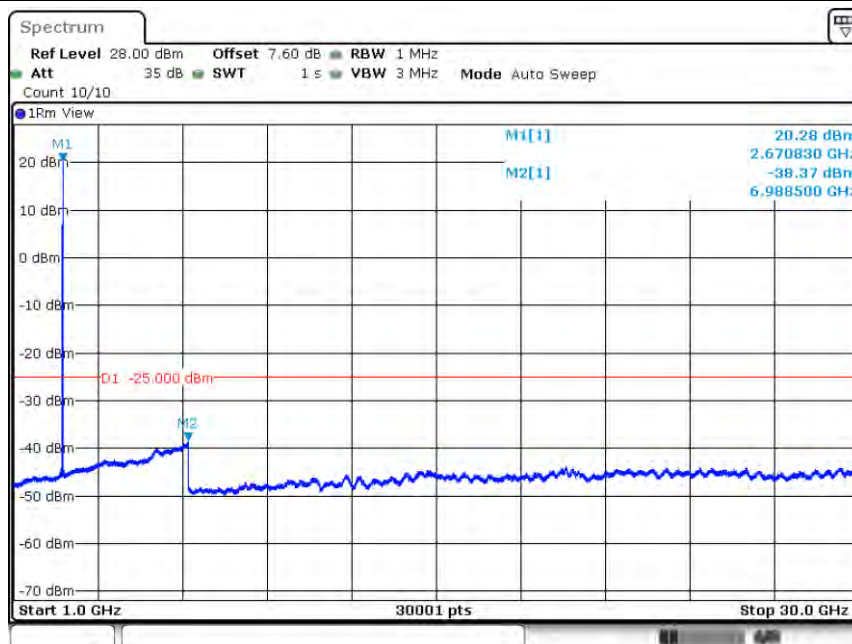


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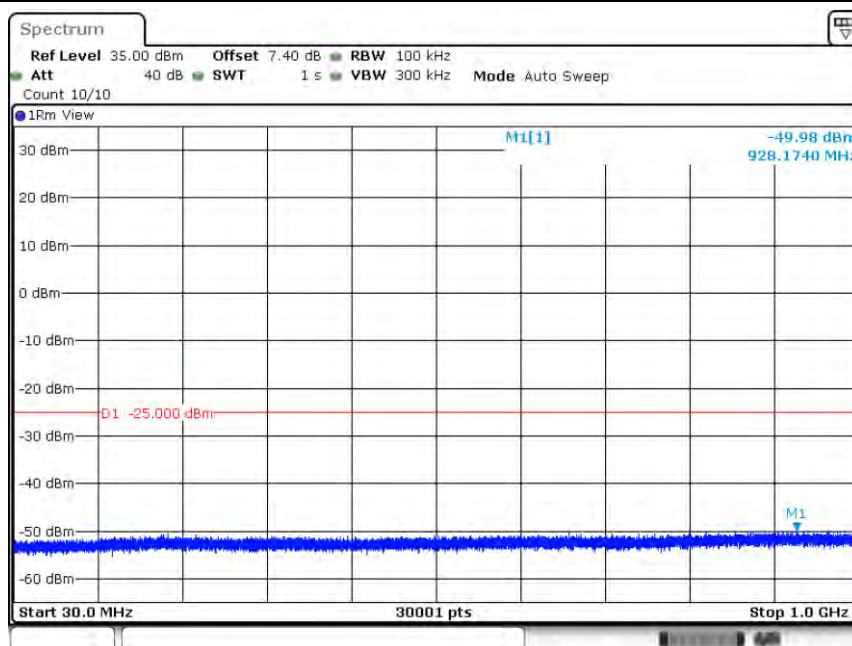


Band41-20MHz-64QAM-41490-1RB#0-Range2:1000~30000MHz



Date: 23.MAY.2021 23:59:18

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



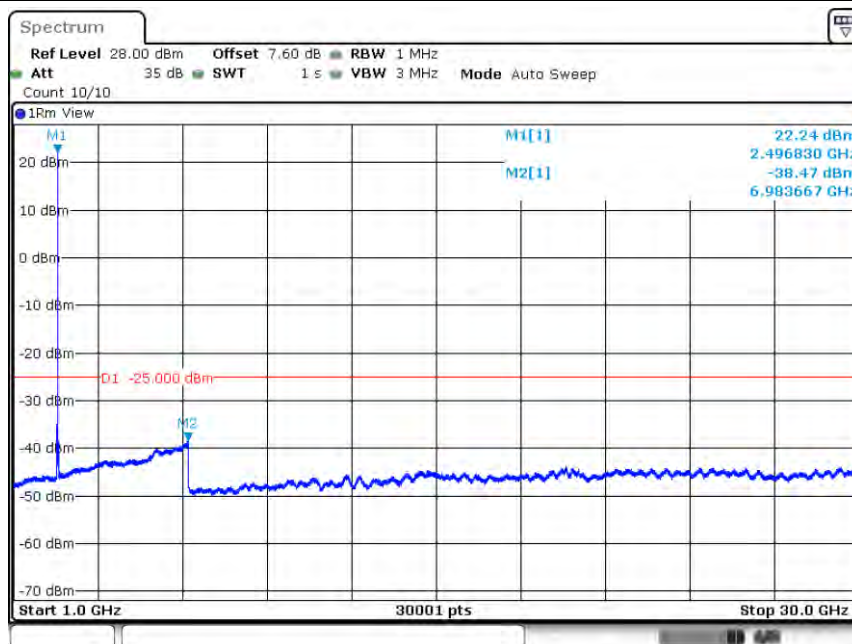
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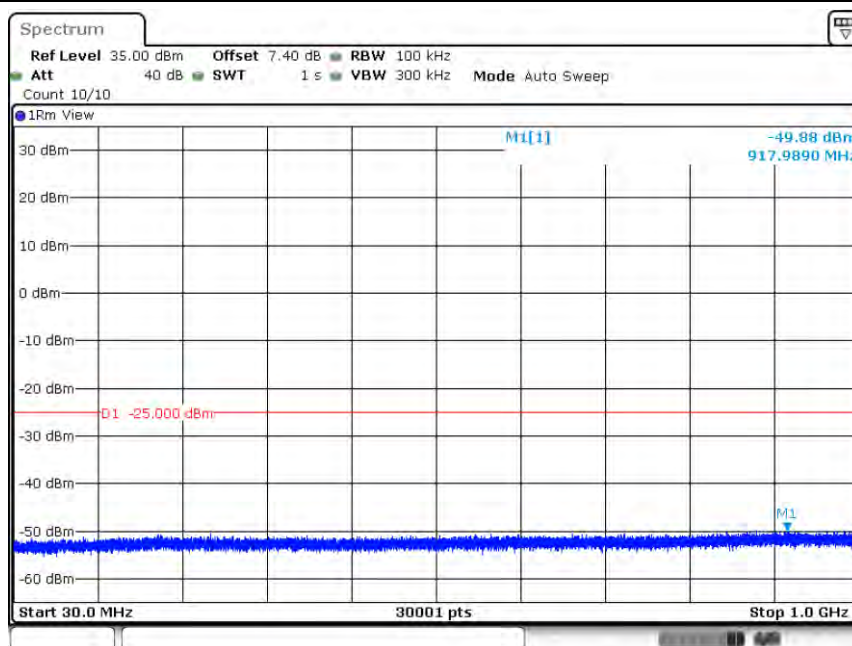


Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 23.MAY.2021 23:39:25

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



Date: 23.MAY.2021 23:40:20



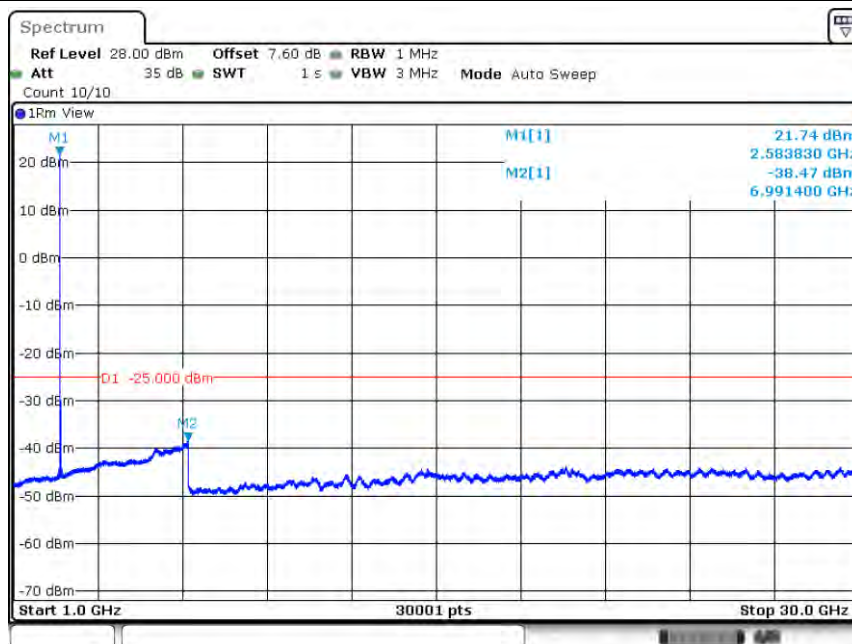
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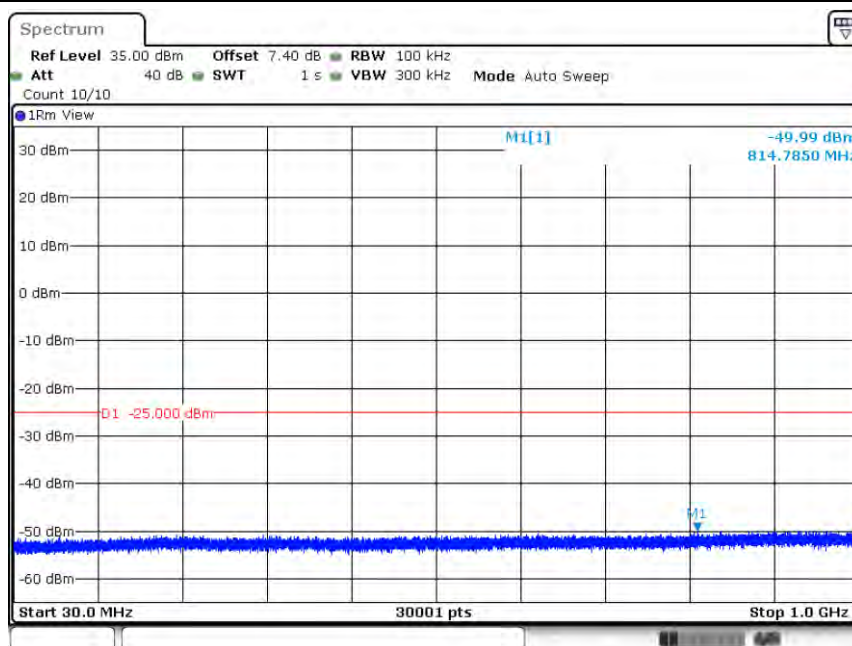
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Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 23.MAY.2021 23:40:36

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



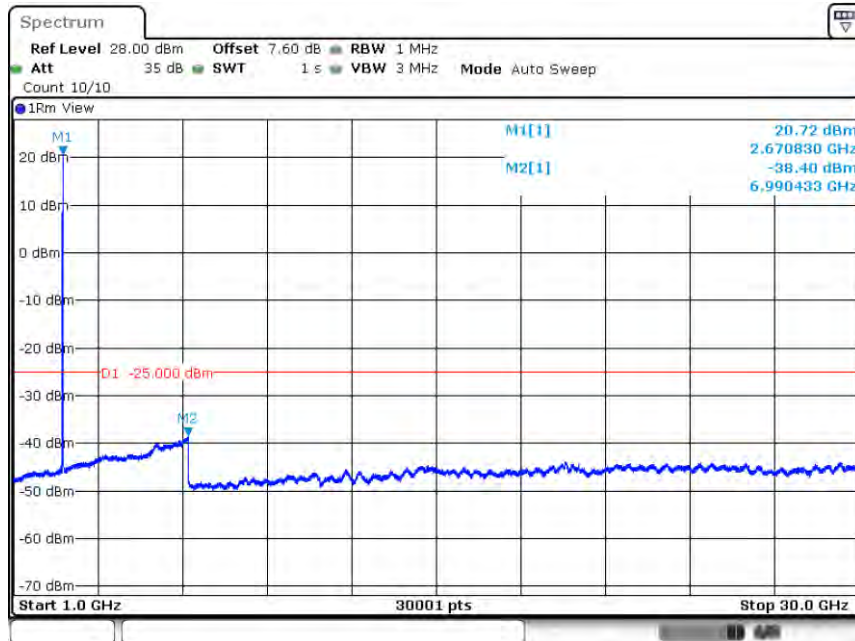
Date: 23.MAY.2021 23:41:31



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



Date: 23.MAY.2021 23:41:48



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7. Field Strength of Spurious Radiation

7.1. Test Band = _41_ TM1 ANT3

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1293.2867	20.18	-50.37	-25.00	25.37	Horizontal
2	2926.9909	20.95	-43.81	-25.00	18.81	Horizontal
3	4918.5959	50.72	-59.34	-25.00	34.34	Horizontal
4	9013.0507	47.07	-51.90	-25.00	26.90	Horizontal
5	14653.332	43.88	-48.43	-25.00	23.43	Horizontal
6	17953.497	45.80	-47.11	-25.00	22.11	Horizontal



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7.2. Test Band = _41_ TM1 ANT3

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1525.3157	19.93	-50.06	-25.00	25.06	Vertical
2	2925.7407	21.15	-43.63	-25.00	18.63	Vertical
3	5823.1412	48.72	-58.71	-25.00	33.71	Vertical
4	11218.1609	45.94	-49.78	-25.00	24.78	Vertical
5	16398.669	46.31	-47.46	-25.00	22.46	Vertical
6	17973.748	46.01	-47.32	-25.00	22.32	Vertical





7.3. Test Band = _41_ TM1 ANT3

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1528.5661	19.89	-49.98	-25.00	24.98	Horizontal
2	2986.9984	20.83	-43.92	-25.00	18.92	Horizontal
3	6981.1991	48.88	-54.79	-25.00	29.79	Horizontal
4	10738.136	46.03	-51.04	-25.00	26.04	Horizontal
5	15181.359	43.82	-49.01	-25.00	24.01	Horizontal
6	17994.749	46.48	-47.29	-25.00	22.29	Horizontal





7.4. Test Band = _41_ TM1 ANT3

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1525.8157	20.07	-49.90	-25.00	24.90	Vertical
2	2999.7500	21.14	-43.32	-25.00	18.32	Vertical
3	4472.3236	50.31	-61.56	-25.00	36.56	Vertical
4	8534.5267	46.60	-53.69	-25.00	28.69	Vertical
5	15032.851	43.54	-48.27	-25.00	23.27	Vertical
6	17991.749	46.76	-46.95	-25.00	21.95	Vertical





7.5. Test Band = _41_ TM1 ANT3

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1564.0705	20.52	-49.80	-25.00	24.80	Horizontal
2	2997.7497	20.78	-43.74	-25.00	18.74	Horizontal
3	7373.4687	48.62	-54.38	-25.00	29.38	Horizontal
4	13357.267	44.39	-48.38	-25.00	23.38	Horizontal
5	16427.171	46.28	-47.96	-25.00	22.96	Horizontal
6	17913.745	45.57	-47.38	-25.00	22.38	Horizontal





7.6. Test Band = _41_ TM1 ANT3

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1511.3139	20.02	-49.84	-25.00	24.84	Vertical
2	2998.4998	20.70	-43.80	-25.00	18.80	Vertical
3	5463.1232	48.82	-59.25	-25.00	34.25	Vertical
4	9027.3014	46.65	-52.38	-25.00	27.38	Vertical
5	13381.269	44.28	-48.27	-25.00	23.27	Vertical
6	17993.999	46.59	-47.16	-25.00	22.16	Vertical



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7.7. Test Band = _41_ TM1 ANT4

7.7.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1080.2600	20.25	-49.86	-25.00	24.86	Horizontal
2	1511.0639	20.49	-49.36	-25.00	24.36	Horizontal
3	2985.2482	20.93	-43.81	-25.00	18.81	Horizontal
4	5331.1166	49.83	-59.03	-25.00	34.03	Horizontal
5	11237.6619	47.08	-48.72	-25.00	23.72	Horizontal
6	17996.999	48.70	-45.12	-25.00	20.12	Horizontal



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7.8. Test Band = _41_ TM1 ANT4

7.8.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1084.2605	20.77	-49.46	-25.00	24.46	Vertical
2	1987.1234	20.67	-48.12	-25.00	23.12	Vertical
3	2936.2420	21.14	-43.60	-25.00	18.60	Vertical
4	4673.3337	51.16	-60.16	-25.00	35.16	Vertical
5	10629.381	47.43	-49.42	-25.00	24.42	Vertical
6	17912.995	47.63	-45.32	-25.00	20.32	Vertical





7.9. Test Band = _41_ TM1 ANT4

7.9.1. Test Channel = Middle Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1089.7612	20.65	-49.74	-25.00	24.74	Horizontal
2	1568.0710	20.70	-49.51	-25.00	24.51	Horizontal
3	2927.9910	21.30	-43.44	-25.00	18.44	Horizontal
4	4428.8214	51.24	-60.87	-25.00	35.87	Horizontal
5	9028.8014	47.36	-51.68	-25.00	26.68	Horizontal
6	17993.999	48.41	-45.34	-25.00	20.34	Horizontal





7.10. Test Band = _41_ TM1 ANT4

7.10.1. Test Channel = Middle Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1080.0100	20.39	-49.71	-25.00	24.71	Vertical
2	2035.6295	20.79	-47.98	-25.00	22.98	Vertical
3	2996.2495	20.77	-43.80	-25.00	18.80	Vertical
4	4774.5887	50.76	-59.84	-25.00	34.84	Vertical
5	9586.0793	46.73	-51.64	-25.00	26.64	Vertical
6	17954.997	47.32	-45.62	-25.00	20.62	Vertical





7.11. Test Band = _41_ TM1 ANT4

7.11.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1088.0110	20.76	-49.58	-25.00	24.58	Horizontal
2	1766.0958	22.15	-47.84	-25.00	22.84	Horizontal
3	2924.4906	20.90	-43.90	-25.00	18.90	Horizontal
4	3743.2872	52.14	-62.52	-25.00	37.52	Horizontal
5	6997.6999	49.31	-54.27	-25.00	29.27	Horizontal
6	18000.000	48.40	-45.48	-25.00	20.48	Horizontal





7.12. Test Band = _41_ TM1 ANT4

7.12.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1073.7592	20.66	-49.90	-25.00	24.90	Vertical
2	1633.3292	20.57	-49.69	-25.00	24.69	Vertical
3	2939.2424	21.01	-43.74	-25.00	18.74	Vertical
4	4298.3149	51.51	-61.33	-25.00	36.33	Vertical
5	8409.2705	48.46	-52.56	-25.00	27.56	Vertical
6	17994.749	48.35	-45.42	-25.00	20.42	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 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.





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	10.80	0.004310	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	11.50	0.004589	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	13.70	0.005467	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	7.70	0.002970	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	9.00	0.003471	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	8.70	0.003355	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	12.90	0.004813	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	13.00	0.004851	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	15.50	0.005784	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VL	NT	9.00	0.003591	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VN	NT	6.00	0.002394	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VH	NT	11.10	0.004429	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VL	NT	13.40	0.005168	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VN	NT	11.90	0.004589	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VH	NT	8.70	0.003355	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VL	NT	13.50	0.005037	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VN	NT	9.30	0.003470	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VH	NT	8.40	0.003134	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	13.00	0.005188	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	2.50	0.000998	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	7.00	0.002793	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	4.40	0.001697	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	10.40	0.004011	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	10.30	0.003972	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	9.70	0.003619	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	11.20	0.004179	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	8.00	0.002985	±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	9.80	0.003911	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	7.70	0.003073	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-10	11.70	0.004669	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	6.90	0.002753	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	5.90	0.002354	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	5.80	0.002314	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	6.60	0.002634	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	8.90	0.003551	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	10.40	0.004150	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	8.50	0.003278	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	9.10	0.003509	±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	8.10	0.003124	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	6.60	0.002545	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	11.90	0.004589	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	8.20	0.003162	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	8.40	0.003239	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	12.30	0.004744	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	12.00	0.004478	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	13.00	0.004851	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	8.20	0.003060	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	11.20	0.004179	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	12.00	0.004478	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	6.20	0.002313	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	10.30	0.003843	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	9.00	0.003358	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	10.30	0.003843	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-30	11.50	0.004589	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-20	12.50	0.004988	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-10	12.30	0.004908	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	0	11.10	0.004429	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	10	10.80	0.004310	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	20	11.90	0.004749	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	30	7.20	0.002873	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	40	8.40	0.003352	±2.5	PASS



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Band41	20MHz	64QAM	39750	100RB#0	NV	50	8.50	0.003392	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-30	4.50	0.001735	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-20	10.10	0.003895	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-10	12.60	0.004859	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	0	6.90	0.002661	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	10	7.70	0.002970	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	20	6.60	0.002545	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	30	9.10	0.003509	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	40	7.90	0.003047	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	50	10.50	0.004049	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-30	14.30	0.005336	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-20	8.40	0.003134	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-10	7.10	0.002649	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	0	9.50	0.003545	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	10	11.50	0.004291	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	20	12.00	0.004478	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	30	9.80	0.003657	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	40	11.90	0.004440	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	50	14.20	0.005299	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	15.80	0.006305	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	10.80	0.004310	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-10	9.40	0.003751	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	10.00	0.003990	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	14.50	0.005786	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	6.70	0.002674	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	11.70	0.004669	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	6.70	0.002674	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	14.30	0.005706	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	13.00	0.005013	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-20	7.90	0.003047	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-10	9.40	0.003625	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	12.20	0.004705	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	8.60	0.003317	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	6.20	0.002391	±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	8.10	0.003124	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	10.50	0.004049	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-30	11.30	0.004216	±2.5	PASS





Band41	20MHz	16QAM	41490	100RB#0	NV	-20	8.50	0.003172	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	13.40	0.005000	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	8.70	0.003246	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	9.50	0.003545	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	6.70	0.002500	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	6.50	0.002425	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	7.60	0.002836	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	11.10	0.004142	±2.5	PASS



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