

Appendix for LTE Band41

CONTENTS

Appendix A: Effective (Isotropic) Radiated Power Output Data3

 Test Result 3

Appendix B: Peak-to-Average Ratio(CCDF)8

 Test Result 8

 Test Graphs 10

Appendix C: 26dB Bandwidth and Occupied Bandwidth 27

 Test Result 27

 Test Graphs 28

Appendix D: Band Edge 37

 Test Result 37

 Test Graphs 38

Appendix E: Conducted Spurious Emission 55

 Test Result 55

 Test Graphs 59

Appendix F: Frequency Stability 86

 Test Result 86

Appendix A: Effective (Isotropic) Radiated Power Output Data**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.95	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.26	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.70	PASS
Band41	5MHz	QPSK	39675	12RB#0	21.73	PASS
Band41	5MHz	QPSK	39675	12RB#6	21.74	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.25	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.55	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.78	PASS
Band41	5MHz	QPSK	40620	1RB#12	22.69	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.48	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.92	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.91	PASS
Band41	5MHz	QPSK	40620	12RB#13	22.11	PASS
Band41	5MHz	QPSK	40620	25RB#0	22.11	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.69	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.50	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.86	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.56	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.58	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.63	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.09	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.34	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.19	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.29	PASS
Band41	5MHz	16QAM	39675	12RB#0	21.56	PASS
Band41	5MHz	16QAM	39675	12RB#6	21.53	PASS
Band41	5MHz	16QAM	39675	12RB#13	21.10	PASS
Band41	5MHz	16QAM	39675	25RB#0	21.43	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.49	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.85	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.04	PASS

Band41	5MHz	16QAM	40620	12RB#0	21.02	PASS
Band41	5MHz	16QAM	40620	12RB#6	21.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	21.17	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.25	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.42	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.30	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.27	PASS
Band41	5MHz	16QAM	41565	12RB#0	21.67	PASS
Band41	5MHz	16QAM	41565	12RB#6	21.64	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.79	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.27	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.23	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.24	PASS
Band41	10MHz	QPSK	39700	1RB#49	21.86	PASS
Band41	10MHz	QPSK	39700	25RB#0	21.81	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.82	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.67	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.88	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.19	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.77	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.70	PASS
Band41	10MHz	QPSK	40620	25RB#0	22.16	PASS
Band41	10MHz	QPSK	40620	25RB#12	22.17	PASS
Band41	10MHz	QPSK	40620	25RB#25	22.63	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.63	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.96	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.50	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.48	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.08	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.15	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.42	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.40	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.40	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.93	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.31	PASS
Band41	10MHz	16QAM	39700	25RB#0	21.19	PASS

Band41	10MHz	16QAM	39700	25RB#12	21.10	PASS
Band41	10MHz	16QAM	39700	25RB#25	21.06	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.25	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.32	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.64	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.56	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.01	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.02	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.31	PASS
Band41	10MHz	16QAM	40620	50RB#0	21.31	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.67	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.19	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.19	PASS
Band41	10MHz	16QAM	41540	25RB#0	21.08	PASS
Band41	10MHz	16QAM	41540	25RB#12	21.04	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.34	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.33	PASS
Band41	15MHz	QPSK	39725	1RB#0	21.72	PASS
Band41	15MHz	QPSK	39725	1RB#38	21.87	PASS
Band41	15MHz	QPSK	39725	1RB#74	21.25	PASS
Band41	15MHz	QPSK	39725	38RB#0	21.06	PASS
Band41	15MHz	QPSK	39725	38RB#18	21.43	PASS
Band41	15MHz	QPSK	39725	38RB#37	21.53	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.53	PASS
Band41	15MHz	QPSK	40620	1RB#0	22.68	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.52	PASS
Band41	15MHz	QPSK	40620	1RB#74	21.17	PASS
Band41	15MHz	QPSK	40620	38RB#0	21.70	PASS
Band41	15MHz	QPSK	40620	38RB#18	21.36	PASS
Band41	15MHz	QPSK	40620	38RB#37	21.83	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.38	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.11	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.28	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.30	PASS
Band41	15MHz	QPSK	41515	38RB#0	21.82	PASS
Band41	15MHz	QPSK	41515	38RB#18	21.63	PASS

Band41	15MHz	QPSK	41515	38RB#37	21.14	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.16	PASS
Band41	15MHz	16QAM	39725	1RB#0	21.37	PASS
Band41	15MHz	16QAM	39725	1RB#38	21.38	PASS
Band41	15MHz	16QAM	39725	1RB#74	21.41	PASS
Band41	15MHz	16QAM	39725	38RB#0	21.95	PASS
Band41	15MHz	16QAM	39725	38RB#18	21.25	PASS
Band41	15MHz	16QAM	39725	38RB#37	21.27	PASS
Band41	15MHz	16QAM	39725	75RB#0	21.99	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.68	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.26	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.09	PASS
Band41	15MHz	16QAM	40620	38RB#0	21.58	PASS
Band41	15MHz	16QAM	40620	38RB#18	21.37	PASS
Band41	15MHz	16QAM	40620	38RB#37	22.03	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.06	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.88	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.27	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.65	PASS
Band41	15MHz	16QAM	41515	38RB#0	21.79	PASS
Band41	15MHz	16QAM	41515	38RB#18	21.64	PASS
Band41	15MHz	16QAM	41515	38RB#37	21.04	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.07	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.87	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.77	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.67	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.59	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.59	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.14	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.08	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.17	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.58	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.42	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.90	PASS
Band41	20MHz	QPSK	40620	50RB#25	21.92	PASS
Band41	20MHz	QPSK	40620	50RB#50	21.41	PASS

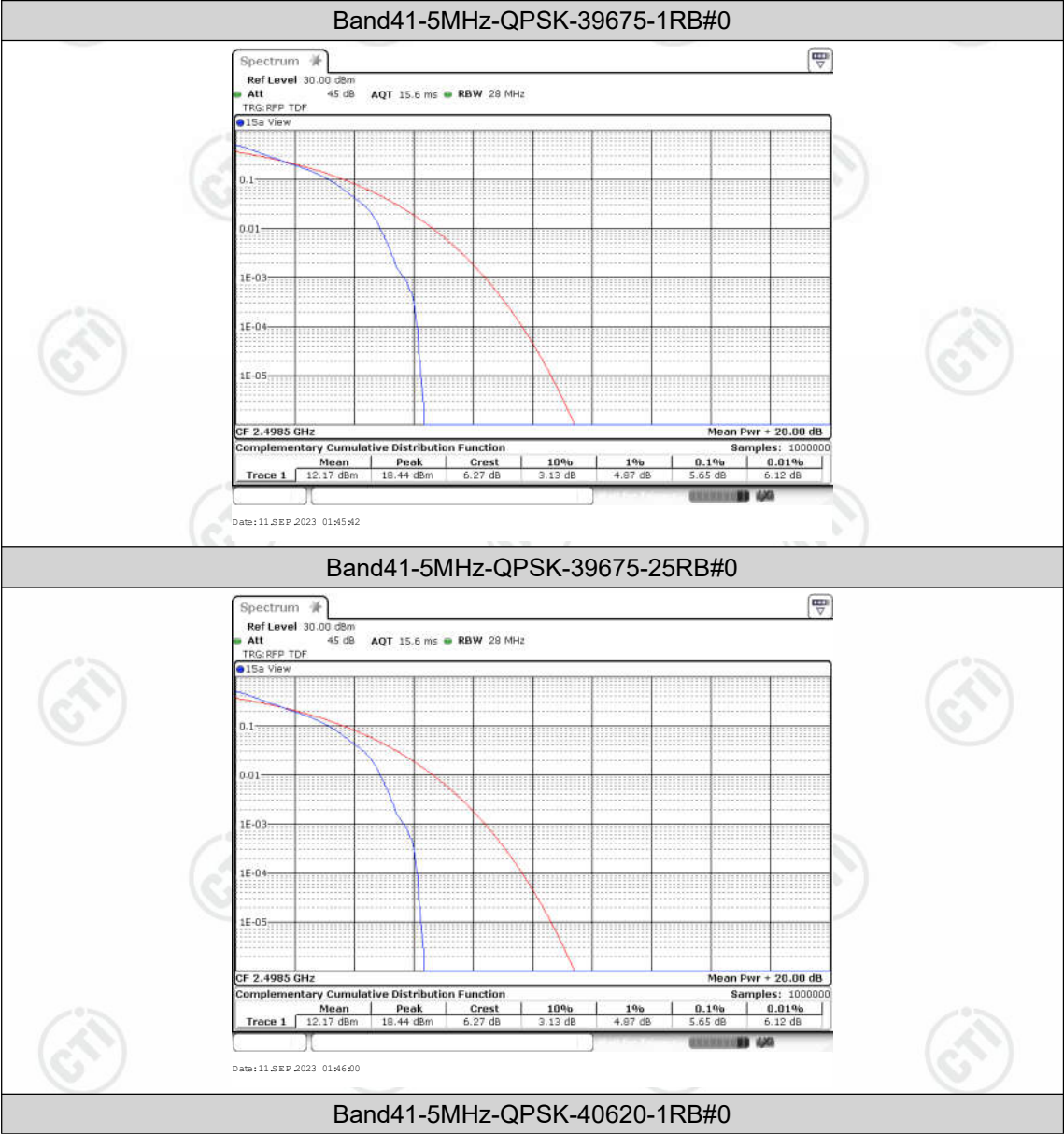
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Band41	20MHz	QPSK	41490	1RB#99	21.37	PASS
Band41	20MHz	QPSK	41490	50RB#0	21.11	PASS
Band41	20MHz	QPSK	41490	50RB#25	21.12	PASS
Band41	20MHz	QPSK	41490	50RB#50	21.51	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.06	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.06	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.14	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.19	PASS
Band41	20MHz	16QAM	39750	50RB#0	21.21	PASS
Band41	20MHz	16QAM	39750	50RB#25	21.22	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.85	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.77	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.57	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.05	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.39	PASS
Band41	20MHz	16QAM	40620	50RB#0	21.88	PASS
Band41	20MHz	16QAM	40620	50RB#25	21.88	PASS
Band41	20MHz	16QAM	40620	50RB#50	21.25	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.24	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.67	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.07	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.70	PASS
Band41	20MHz	16QAM	41490	50RB#0	21.22	PASS
Band41	20MHz	16QAM	41490	50RB#25	21.25	PASS
Band41	20MHz	16QAM	41490	50RB#50	21.63	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.15	PASS

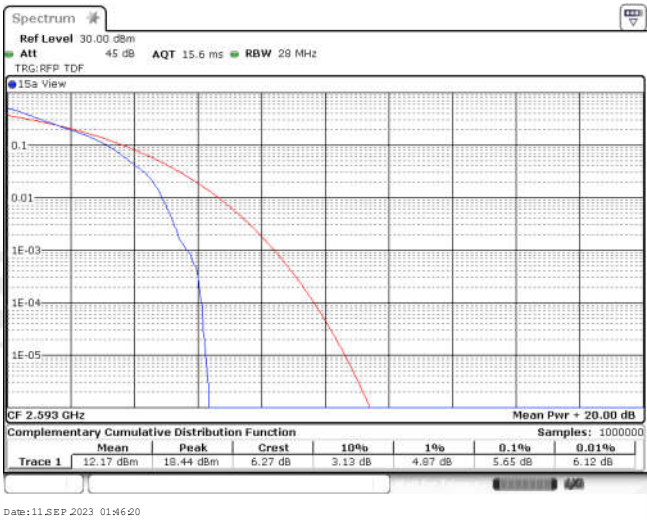
Appendix B: Peak-to-Average Ratio(CCDF)**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	5.65	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	5.65	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	5.65	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.65	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	5.65	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.65	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	5.65	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	5.65	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	5.65	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	5.65	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	5.65	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	5.65	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	7.19	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	7.19	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	7.19	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	7.19	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	7.19	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	7.19	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	7.19	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	7.19	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	7.19	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	7.19	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	7.19	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	7.19	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	6.03	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	6.03	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	6.03	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	6.03	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	6.03	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	6.03	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	6.03	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	6.03	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	6.03	13	PASS

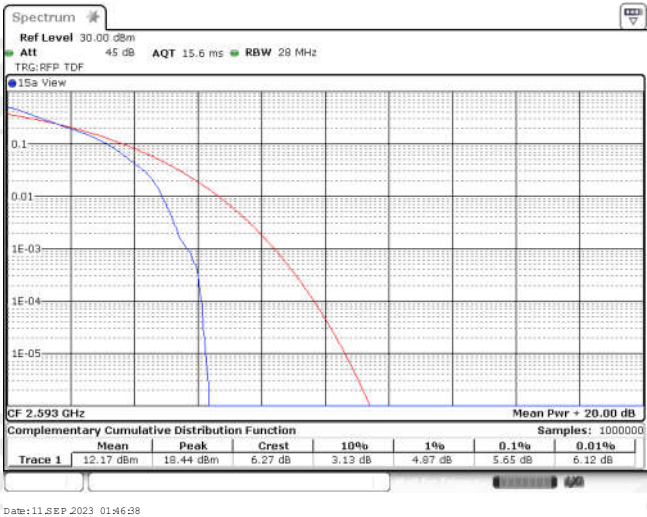
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Band41	15MHz	16QAM	41515	1RB#0	6.03	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	6.03	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	8.64	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	8.64	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.64	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.64	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	8.64	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.64	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	8.64	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	8.64	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	8.64	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	8.64	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.64	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	8.64	13	PASS

Test Graphs

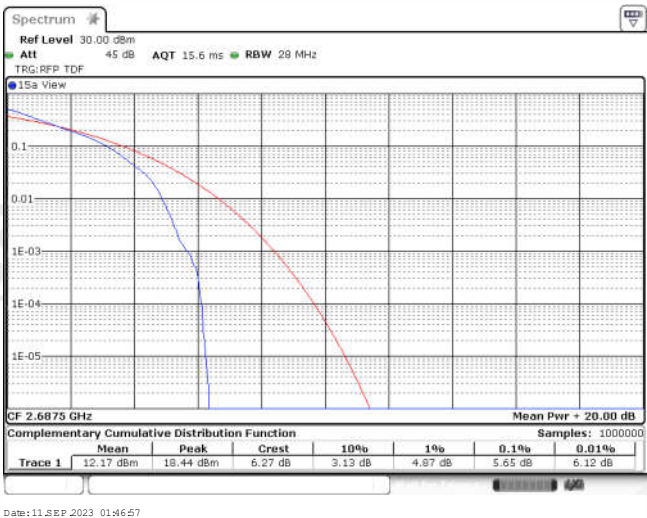




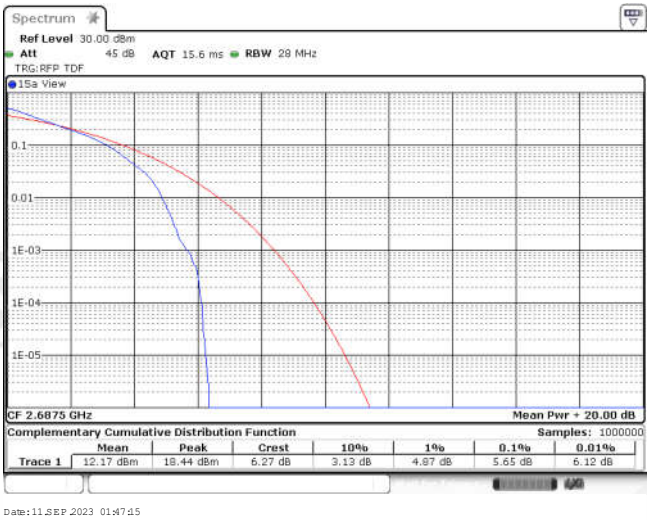
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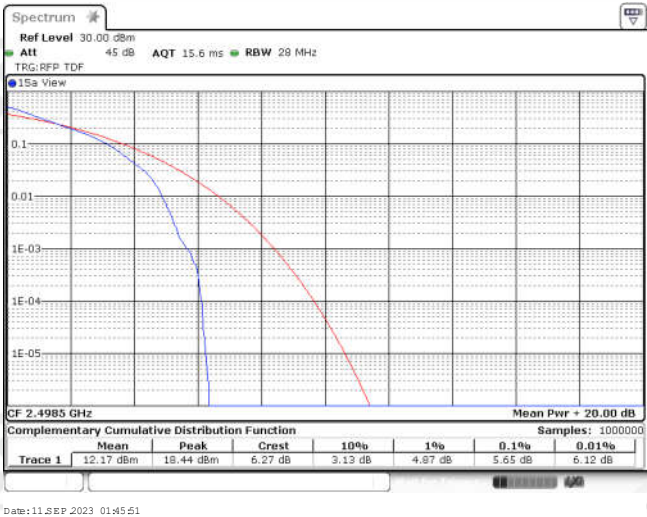
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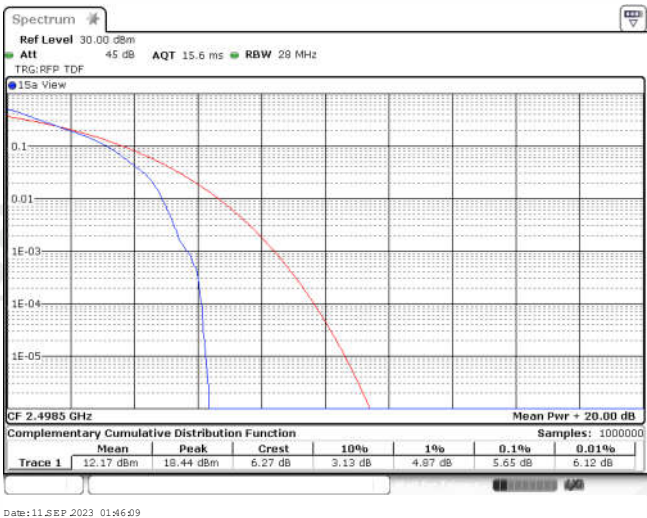
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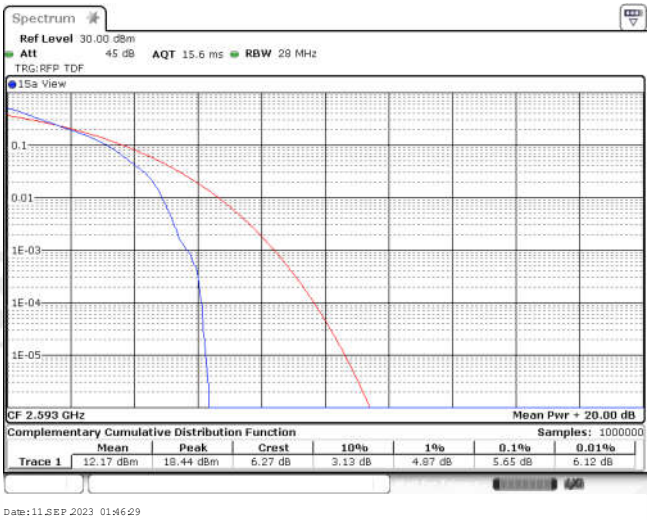
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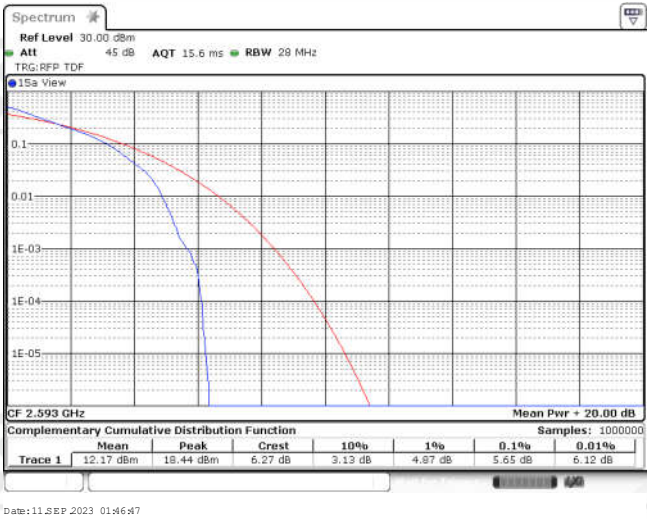
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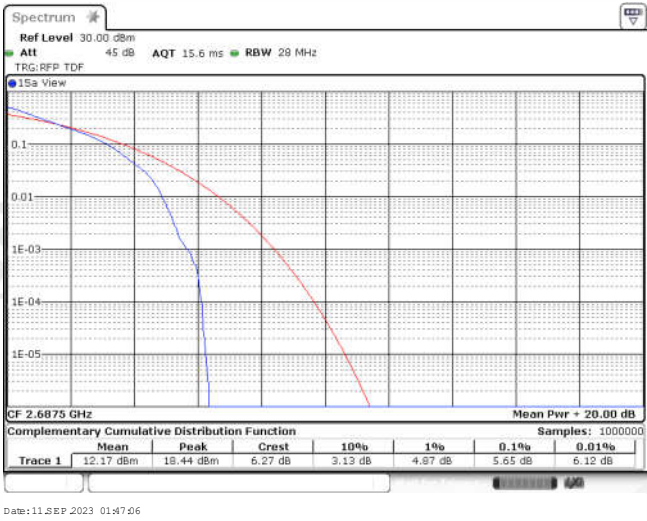
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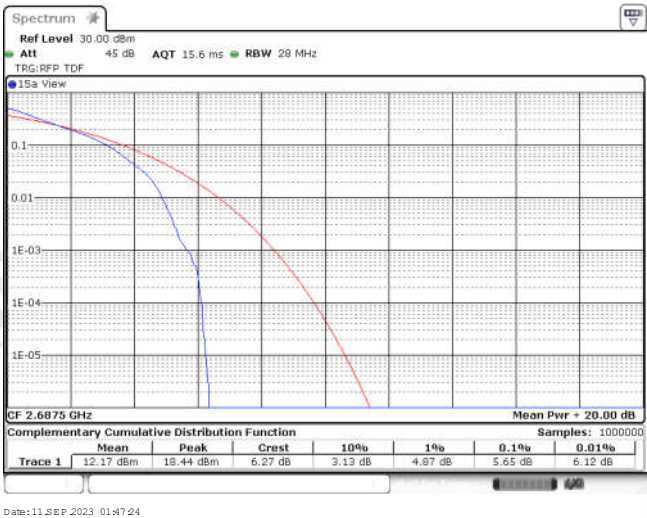
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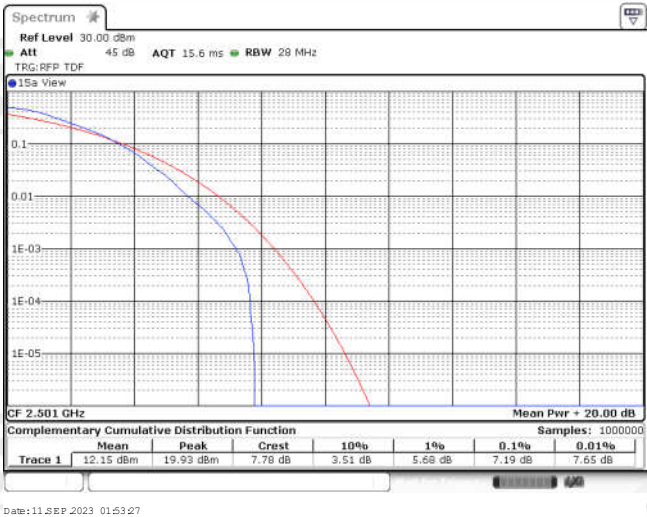
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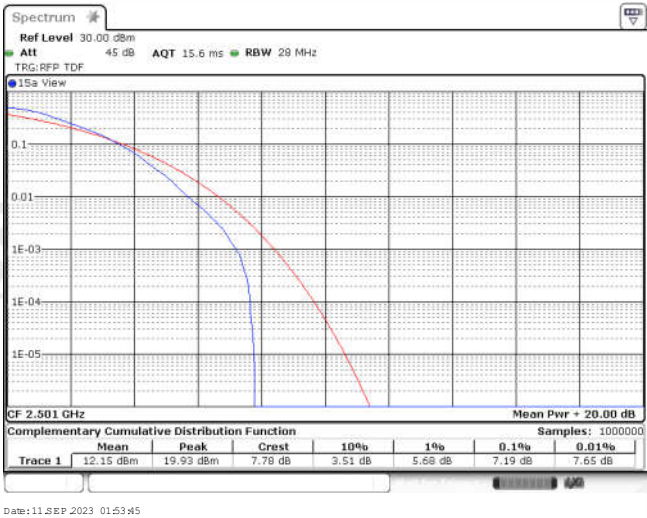
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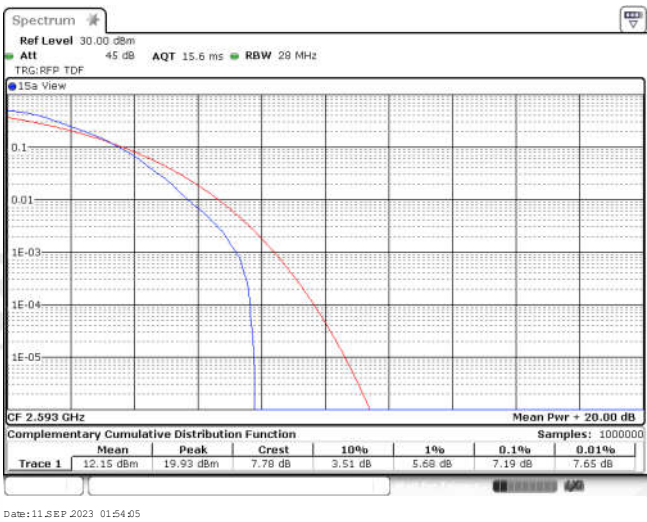
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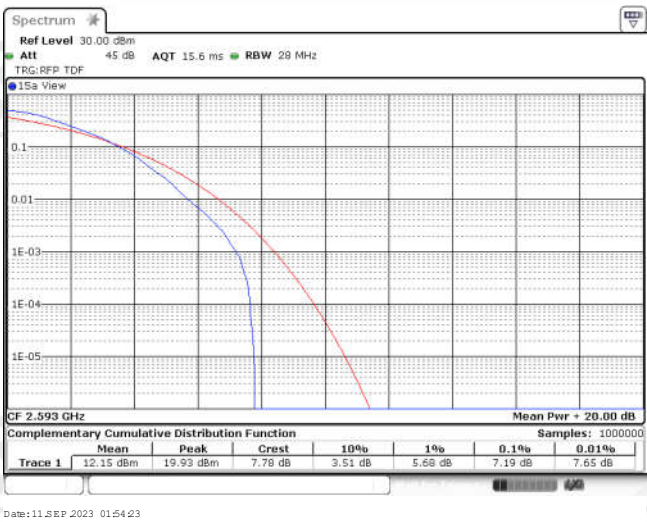
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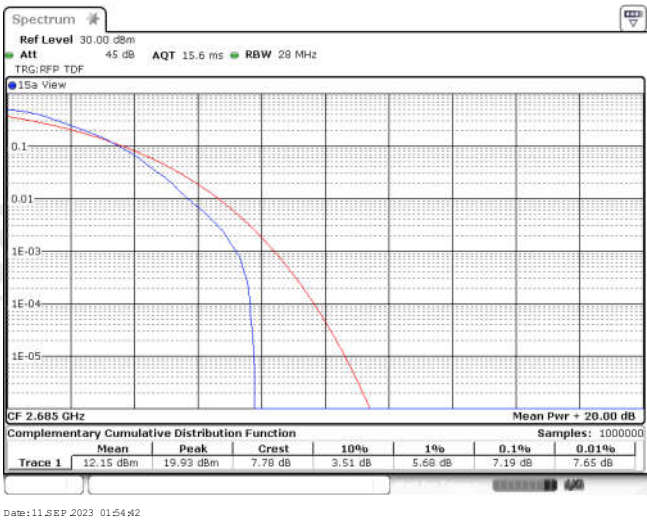
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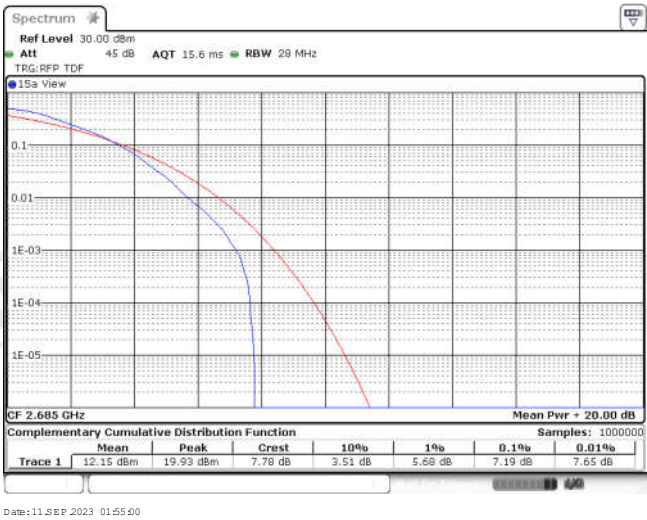
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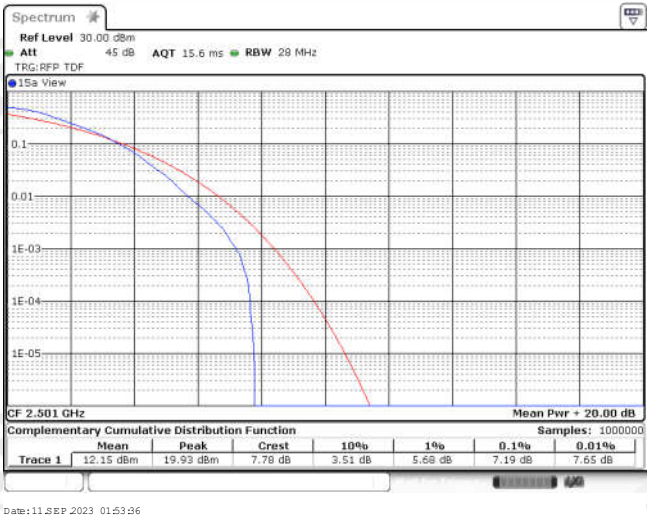
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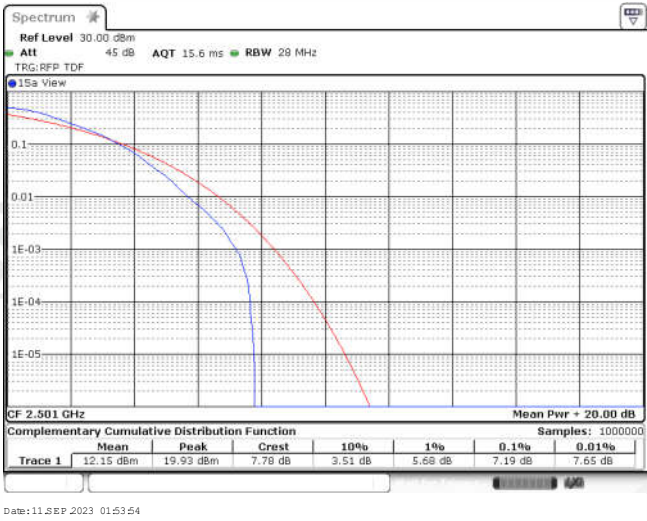
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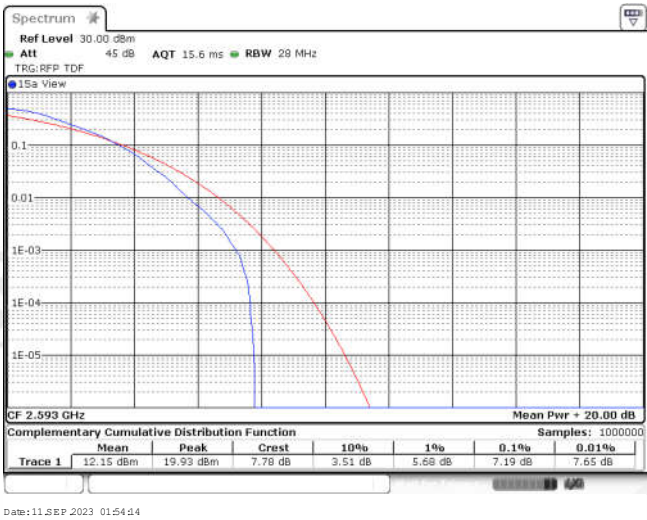
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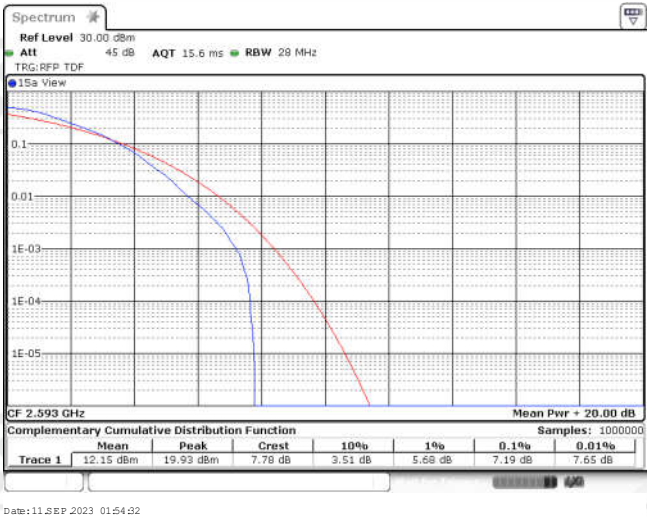
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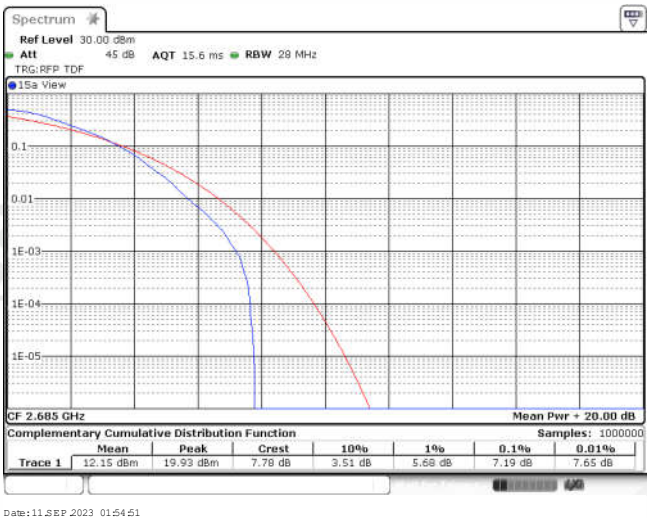
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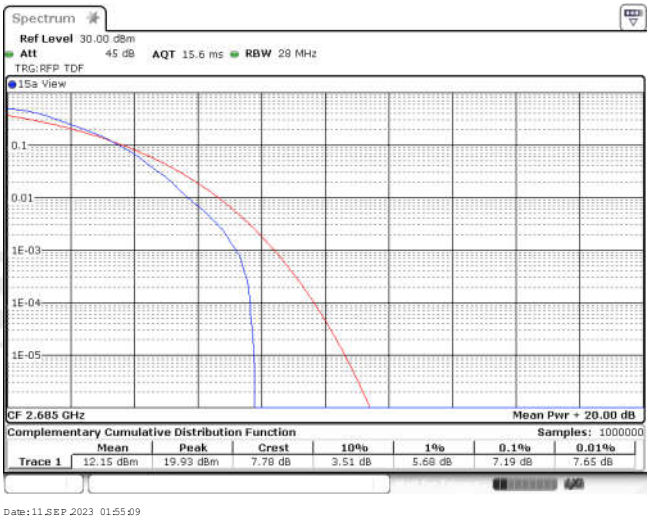
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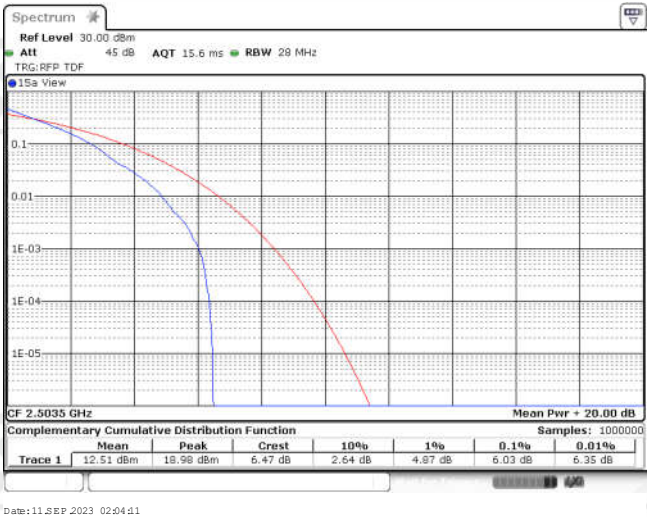
Band41-10MHz-16QAM-41540-1RB#0



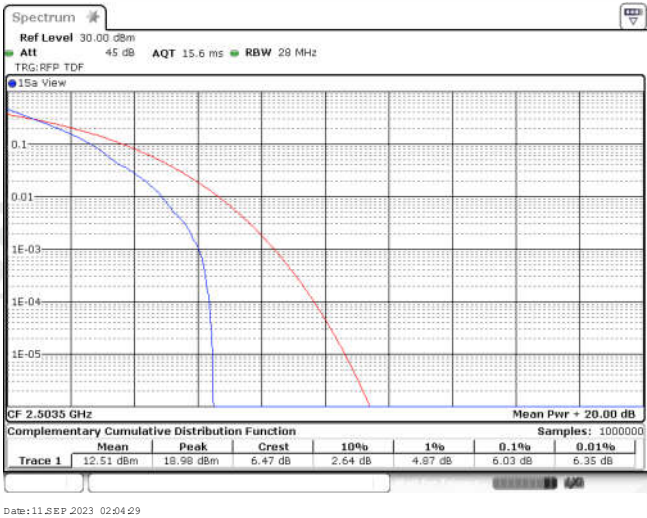
Band41-10MHz-16QAM-41540-50RB#0



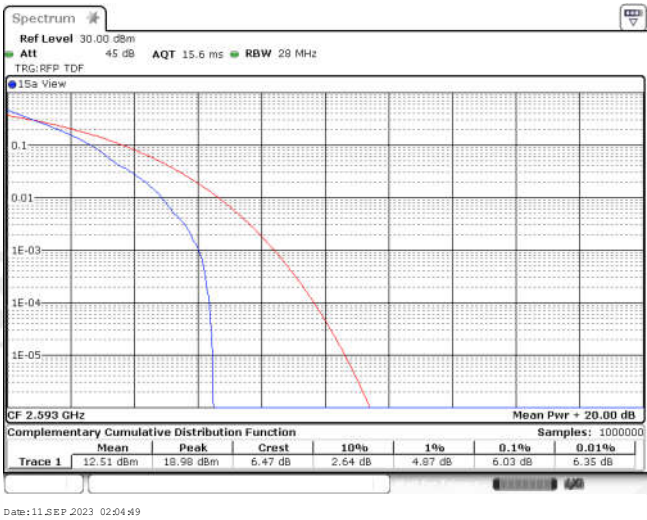
Band41-15MHz-QPSK-39725-1RB#0



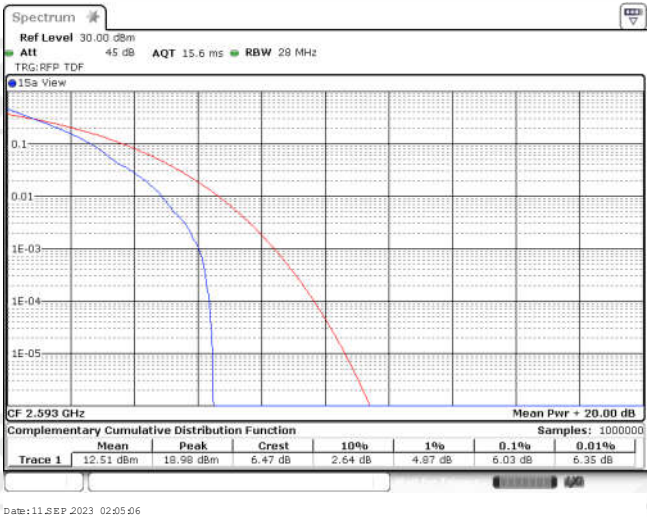
Band41-15MHz-QPSK-39725-75RB#0



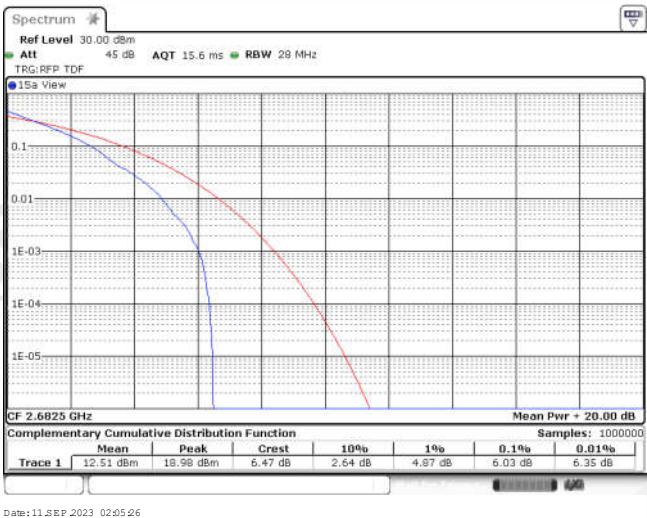
Band41-15MHz-QPSK-40620-1RB#0



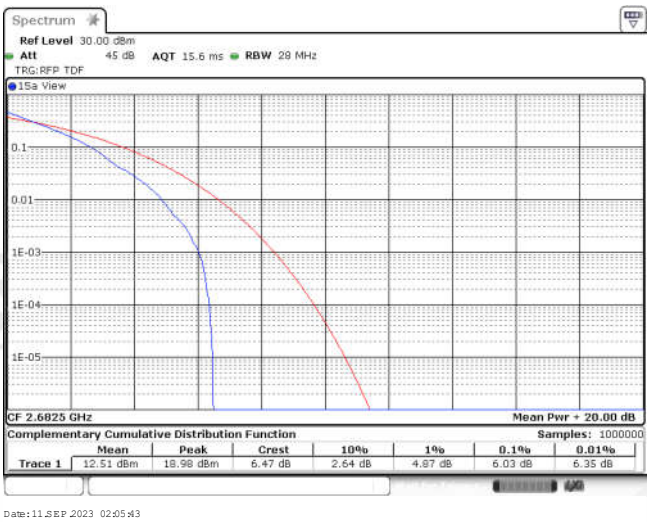
Band41-15MHz-QPSK-40620-75RB#0



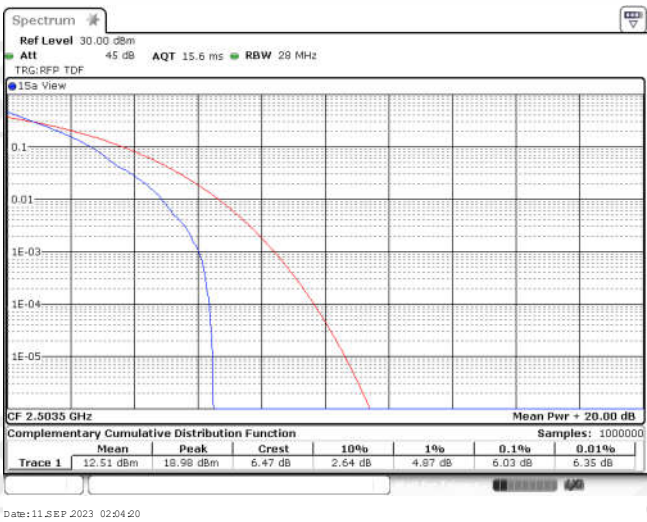
Band41-15MHz-QPSK-41515-1RB#0



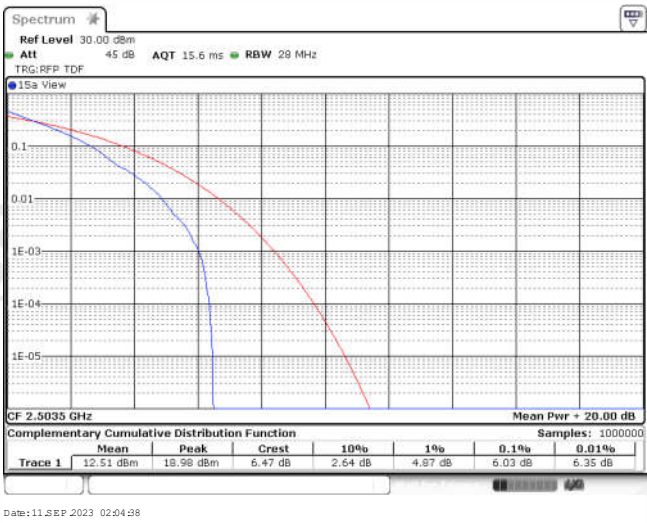
Band41-15MHz-QPSK-41515-75RB#0



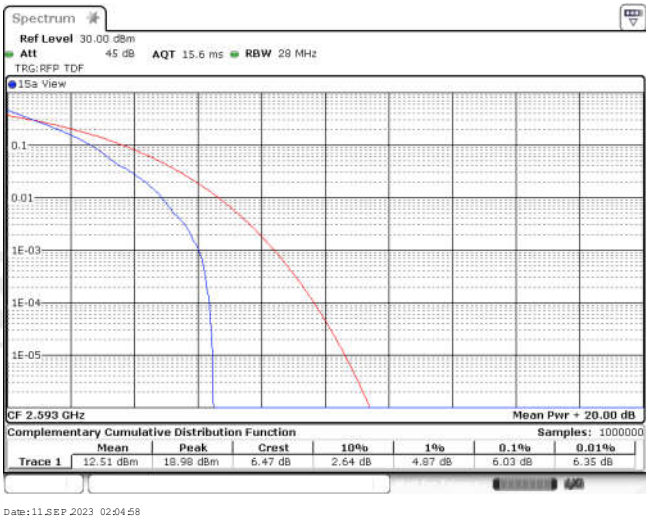
Band41-15MHz-16QAM-39725-1RB#0



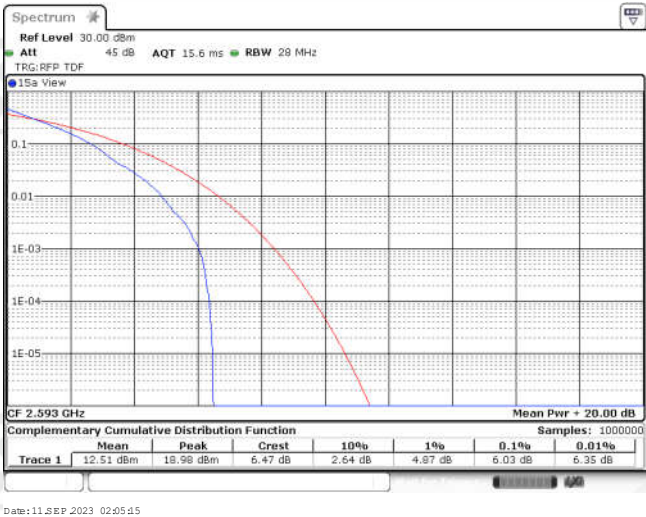
Band41-15MHz-16QAM-39725-75RB#0



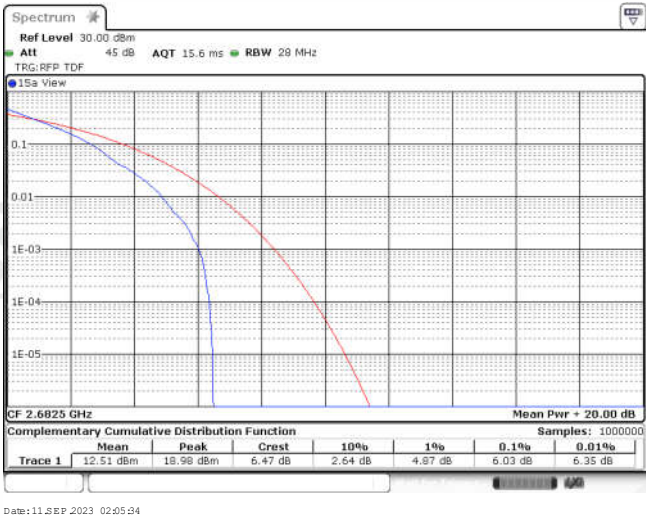
Band41-15MHz-16QAM-40620-1RB#0



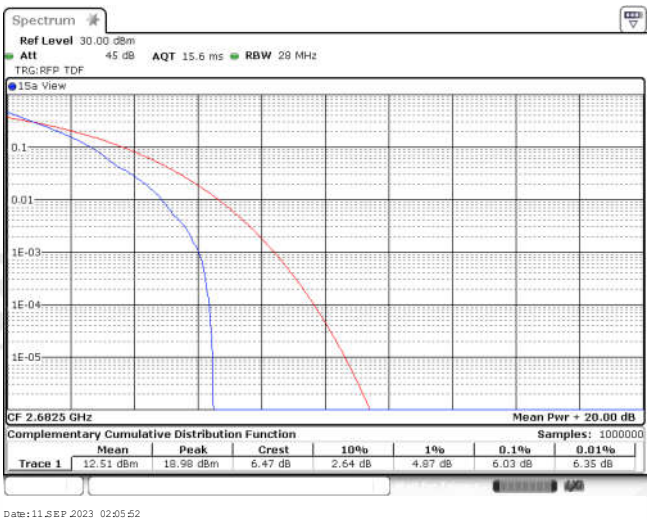
Band41-15MHz-16QAM-40620-75RB#0



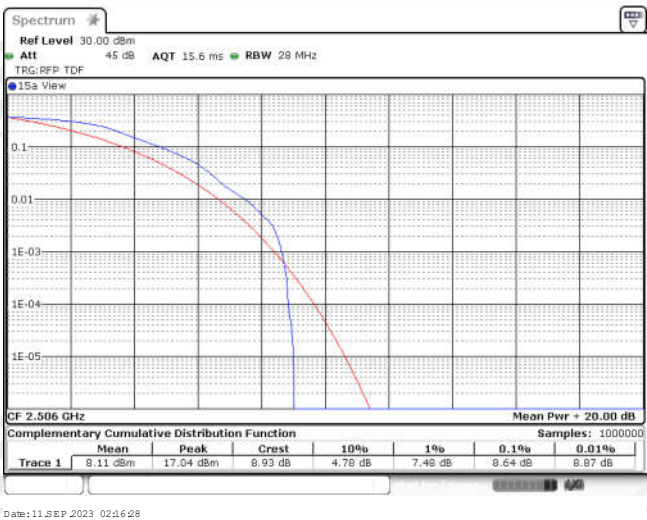
Band41-15MHz-16QAM-41515-1RB#0



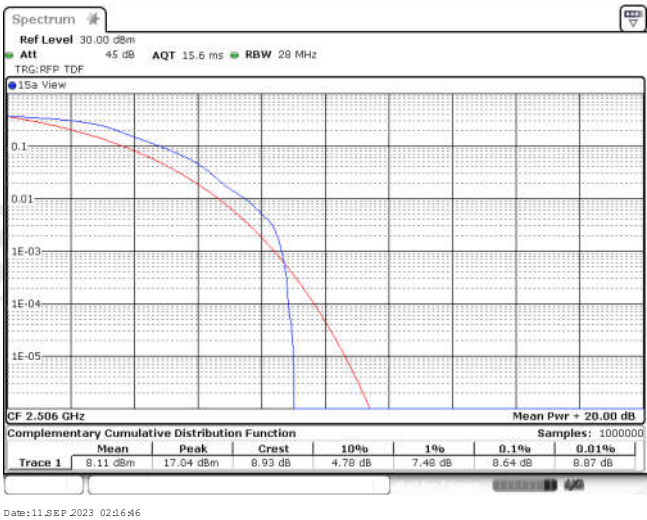
Band41-15MHz-16QAM-41515-75RB#0



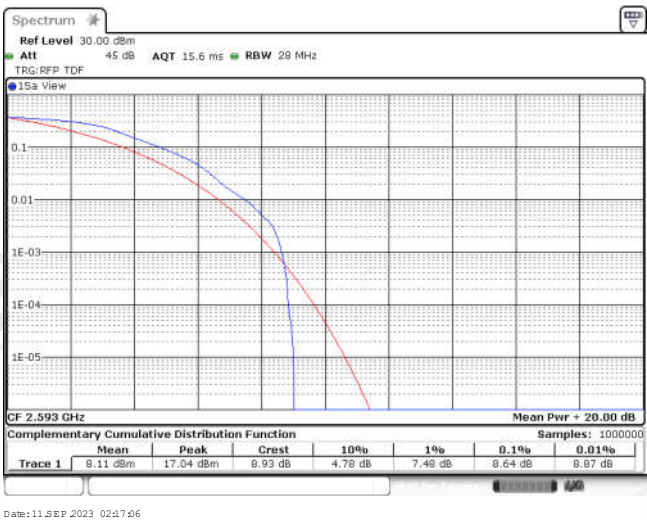
Band41-20MHz-QPSK-39750-1RB#0



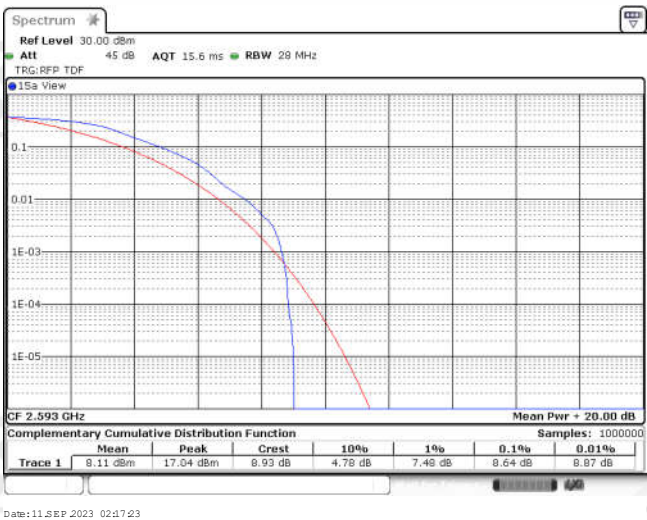
Band41-20MHz-QPSK-39750-100RB#0



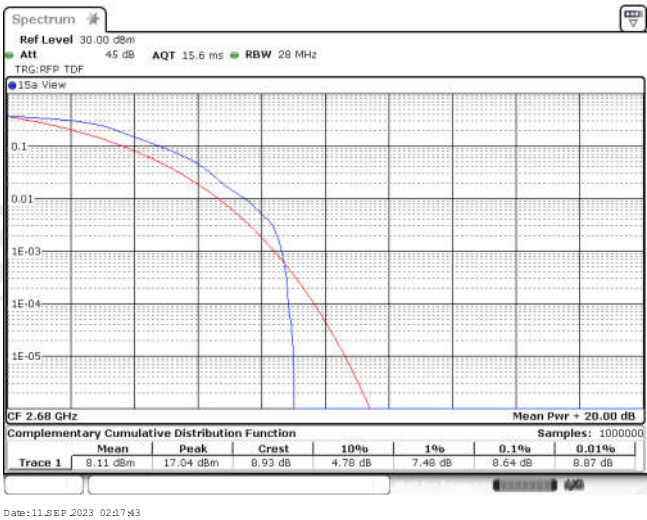
Band41-20MHz-QPSK-40620-1RB#0



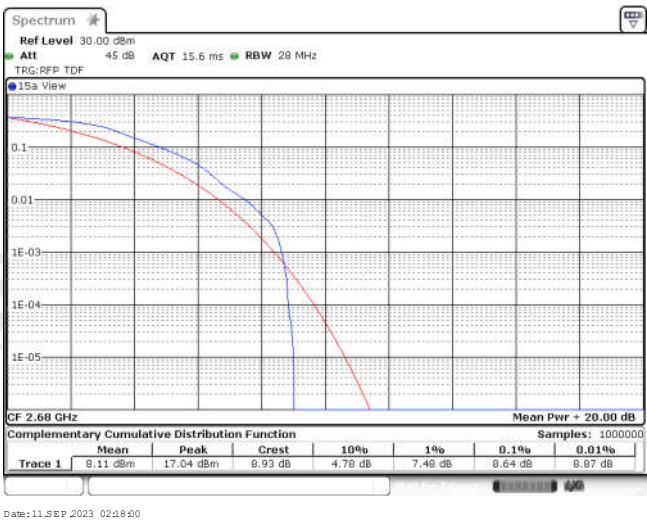
Band41-20MHz-QPSK-40620-100RB#0



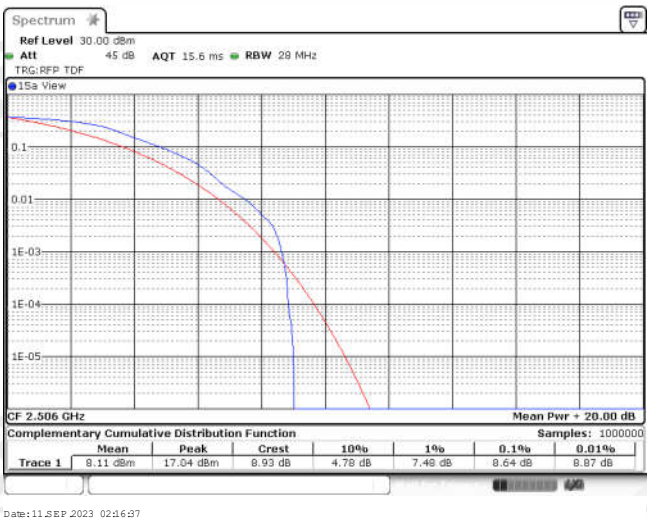
Band41-20MHz-QPSK-41490-1RB#0



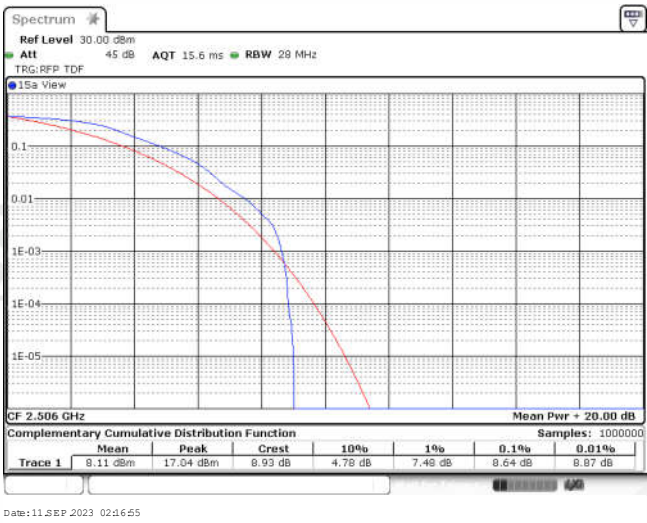
Band41-20MHz-QPSK-41490-100RB#0



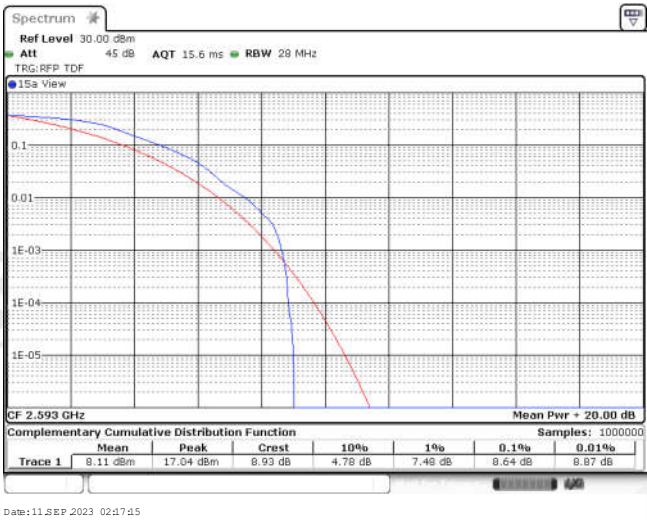
Band41-20MHz-16QAM-39750-1RB#0



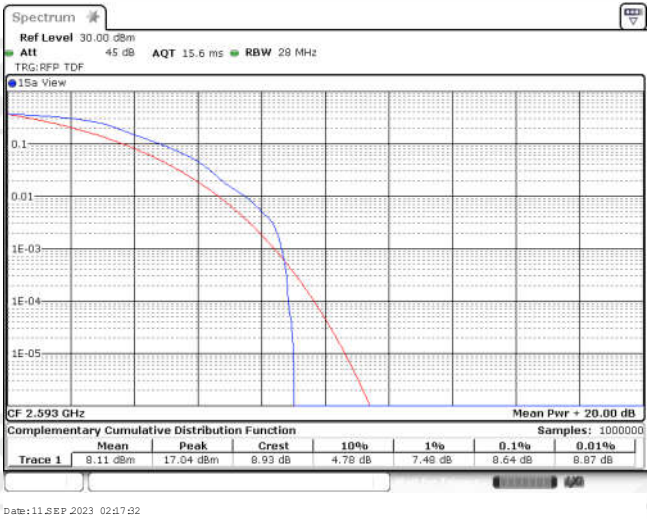
Band41-20MHz-16QAM-39750-100RB#0



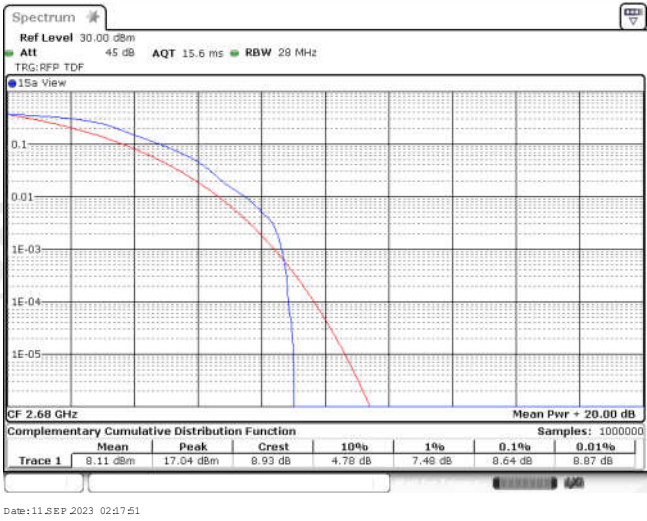
Band41-20MHz-16QAM-40620-1RB#0



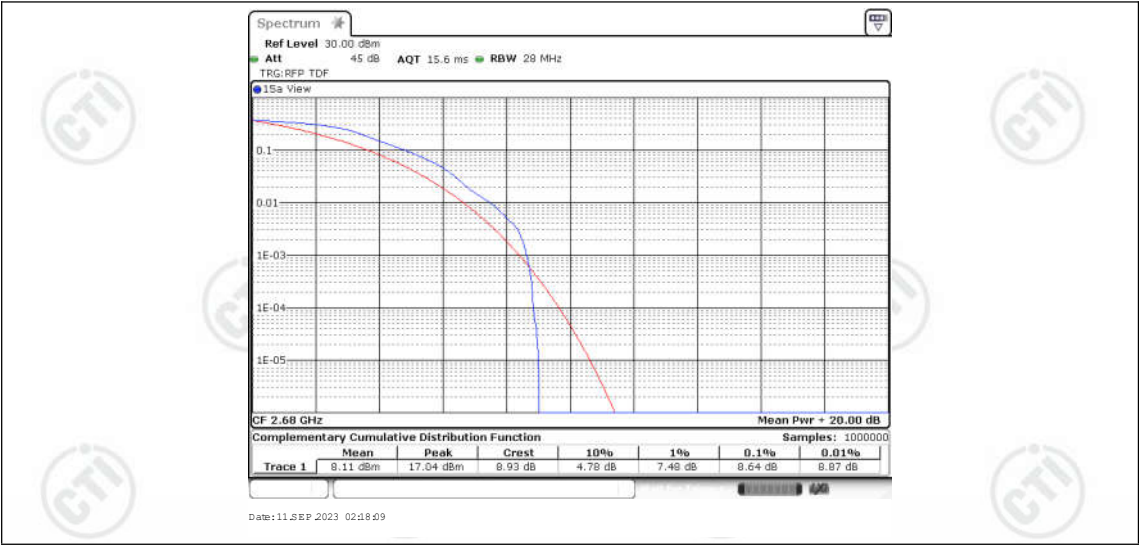
Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-1RB#0



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

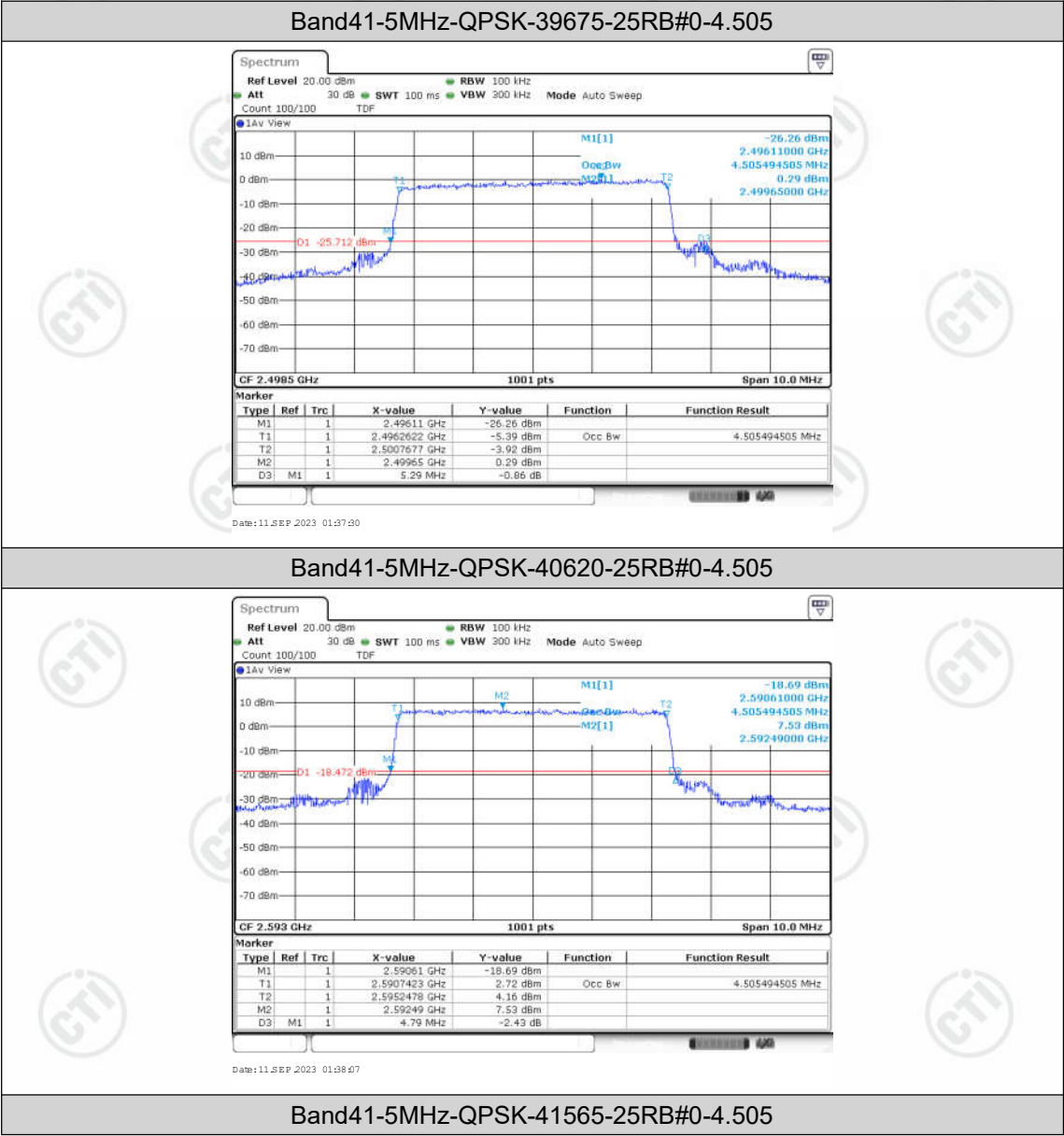


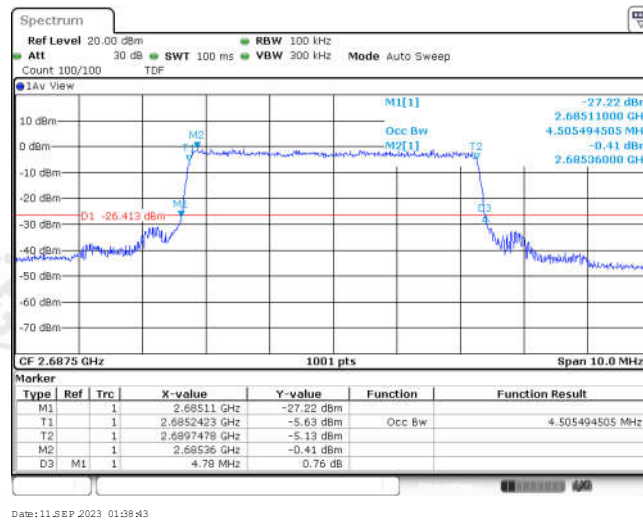
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

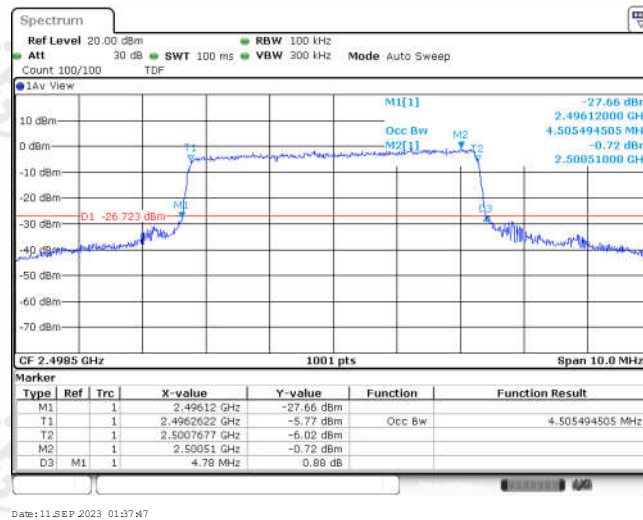
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.505	5.290	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.505	4.790	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.505	4.780	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.505	4.780	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.505	4.790	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.515	4.810	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.952	9.533	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.985	9.533	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.952	9.567	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.952	9.500	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.985	9.533	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.985	9.567	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.378	14.250	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.478	14.300	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.478	14.250	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.378	14.250	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.478	14.300	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.478	14.300	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.837	19.267	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.037	19.267	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.97	19.200	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.903	19.267	PASS
Band41	20MHz	16QAM	40620	100RB#0	18.037	19.333	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.97	19.200	PASS

Test Graphs

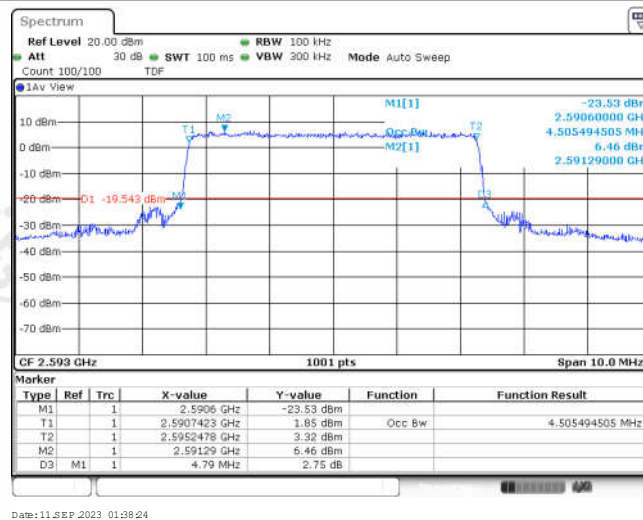




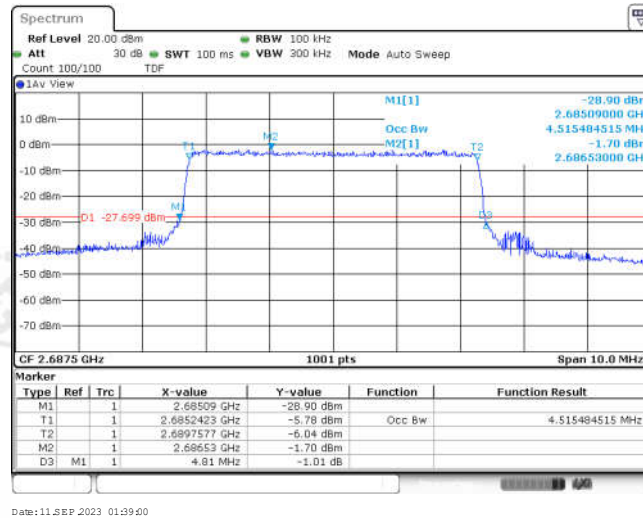
Band41-5MHz-16QAM-39675-25RB#0-4.505



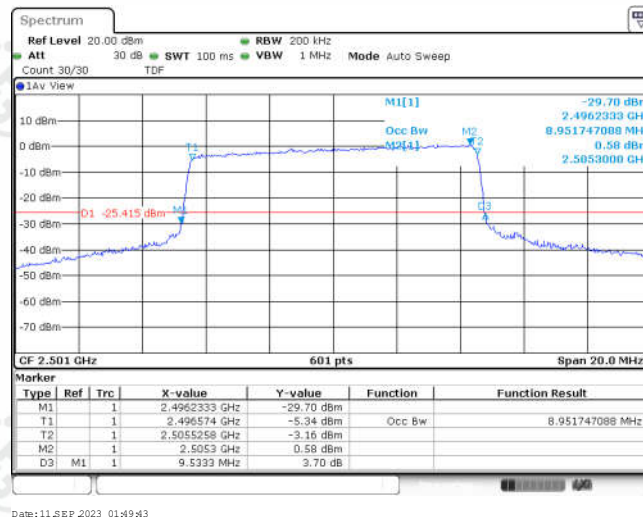
Band41-5MHz-16QAM-40620-25RB#0-4.505



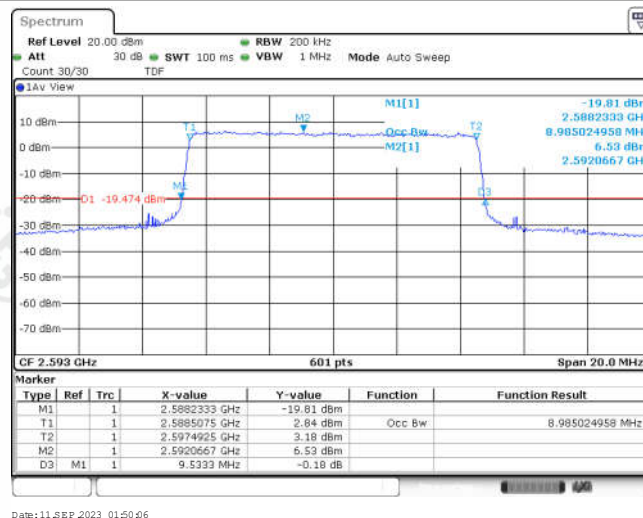
Band41-5MHz-16QAM-41565-25RB#0-4.515



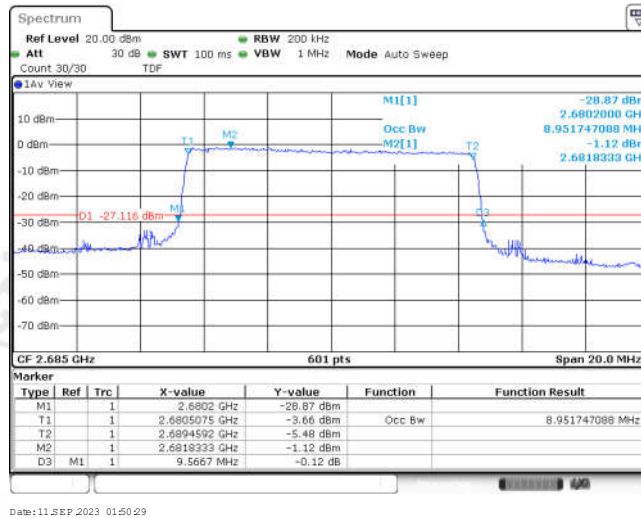
Band41-10MHz-QPSK-39700-50RB#0-8.952



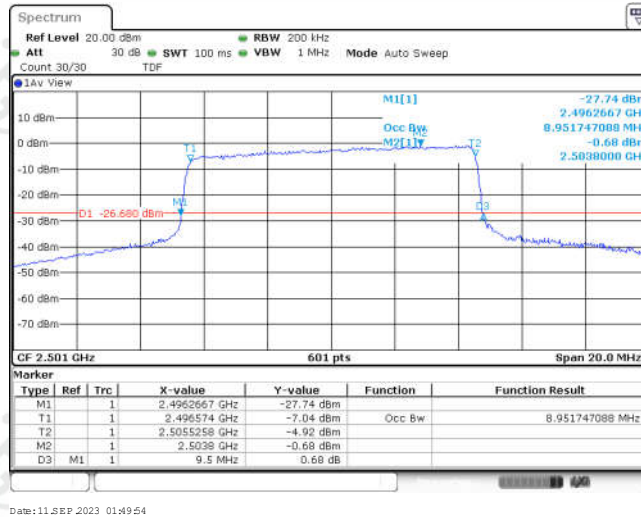
Band41-10MHz-QPSK-40620-50RB#0-8.985



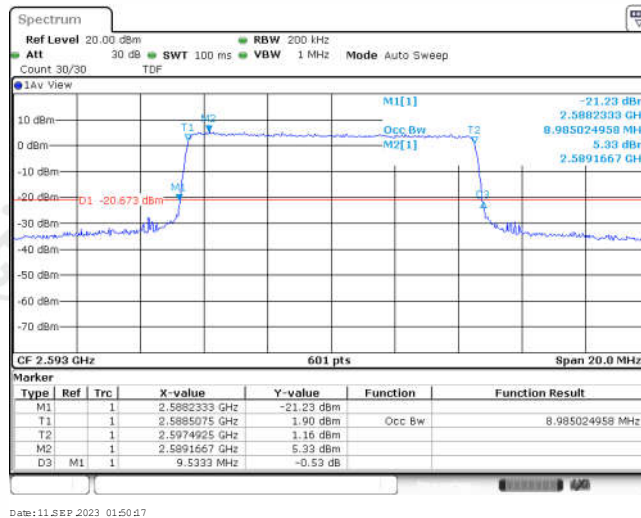
Band41-10MHz-QPSK-41540-50RB#0-8.952



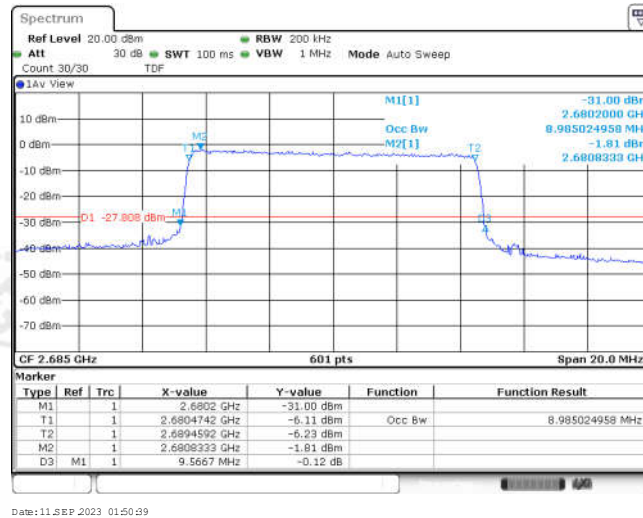
Band41-10MHz-16QAM-39700-50RB#0-8.952



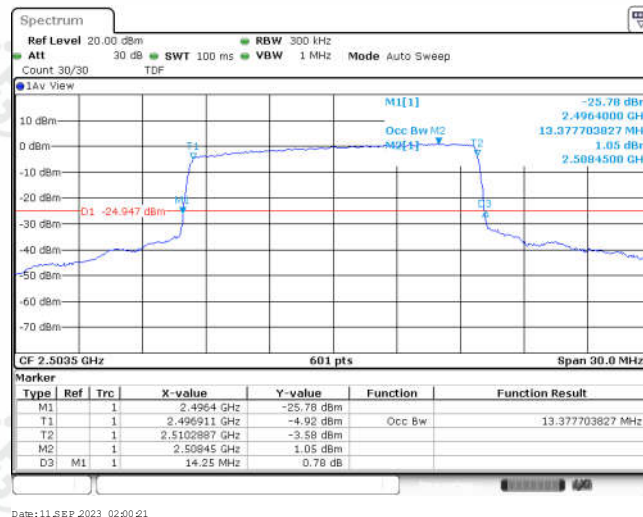
Band41-10MHz-16QAM-40620-50RB#0-8.985



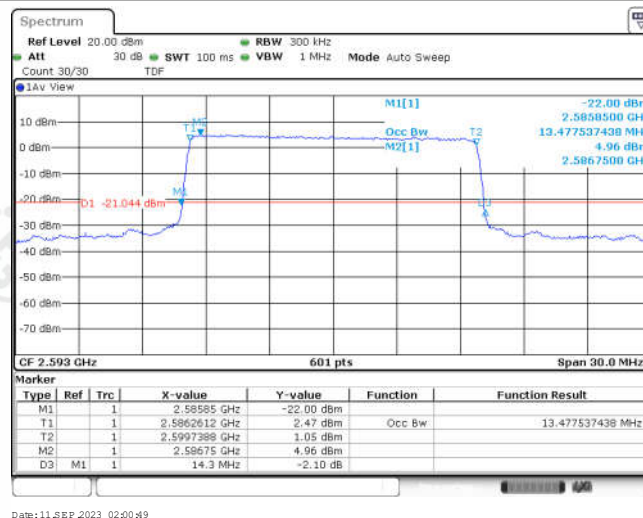
Band41-10MHz-16QAM-41540-50RB#0-8.985



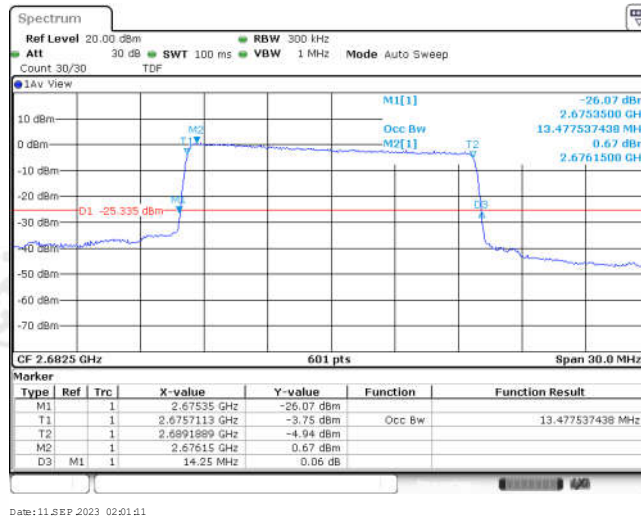
Band41-15MHz-QPSK-39725-75RB#0-13.378



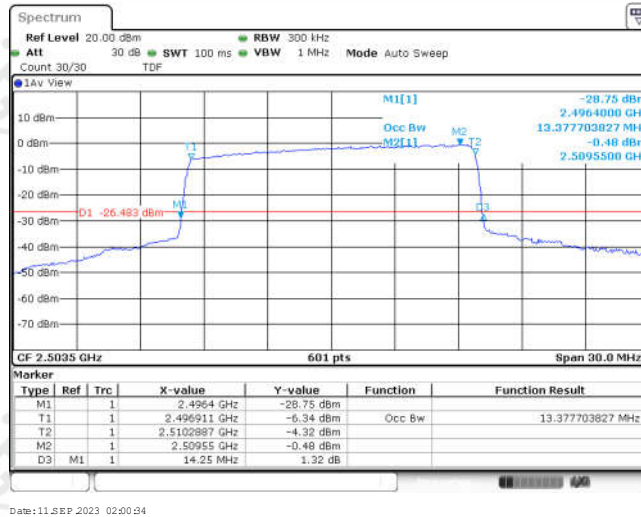
Band41-15MHz-QPSK-40620-75RB#0-13.478



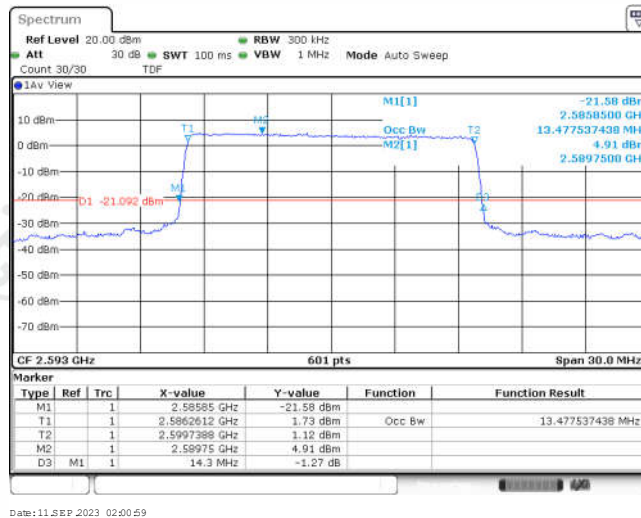
Band41-15MHz-QPSK-41515-75RB#0-13.478



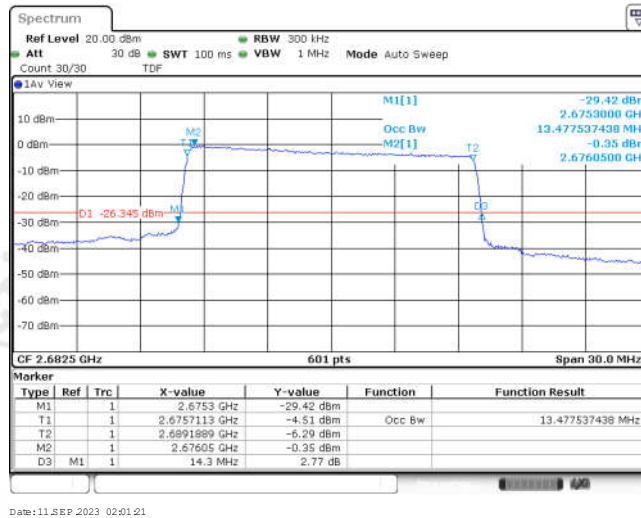
Band41-15MHz-16QAM-39725-75RB#0-13.378



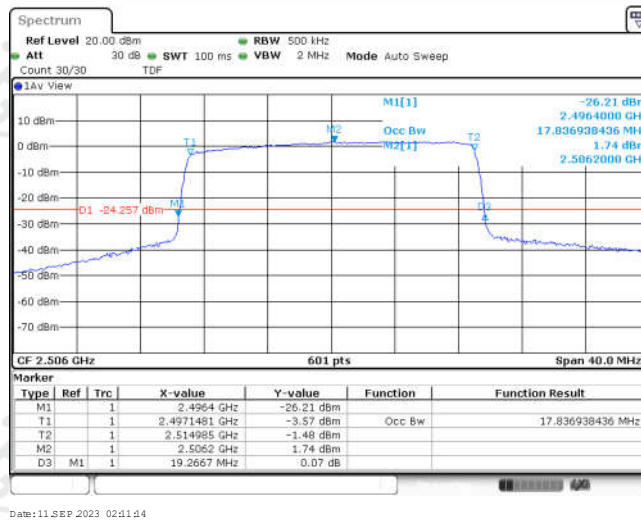
Band41-15MHz-16QAM-40620-75RB#0-13.478



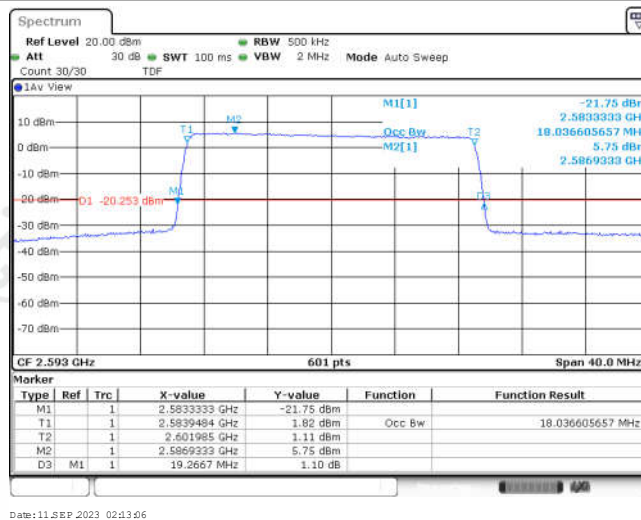
Band41-15MHz-16QAM-41515-75RB#0-13.478



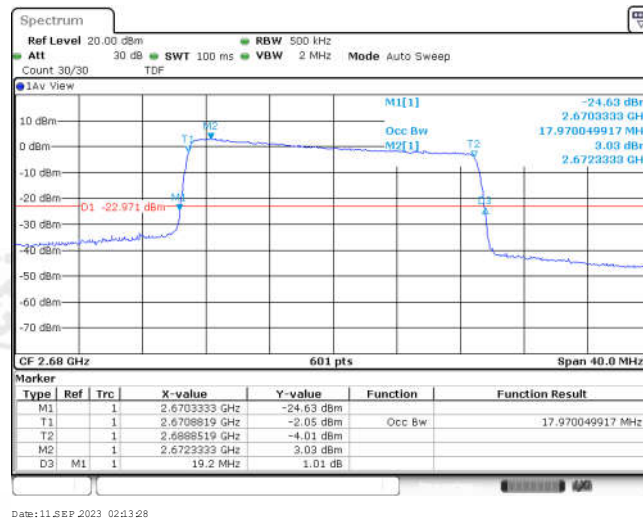
Band41-20MHz-QPSK-39750-100RB#0-17.837



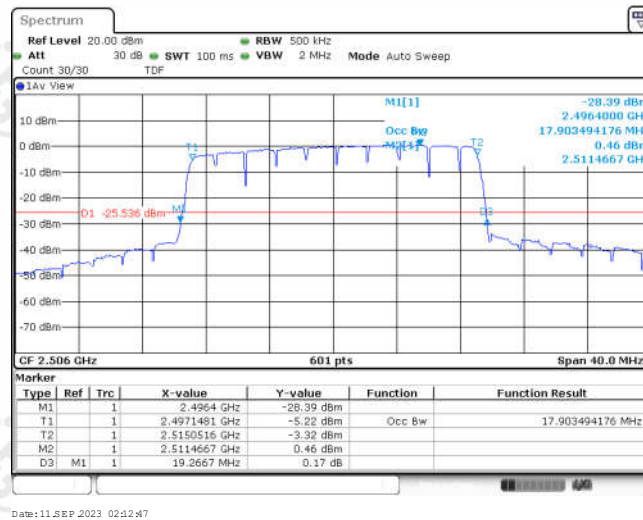
Band41-20MHz-QPSK-40620-100RB#0-18.037



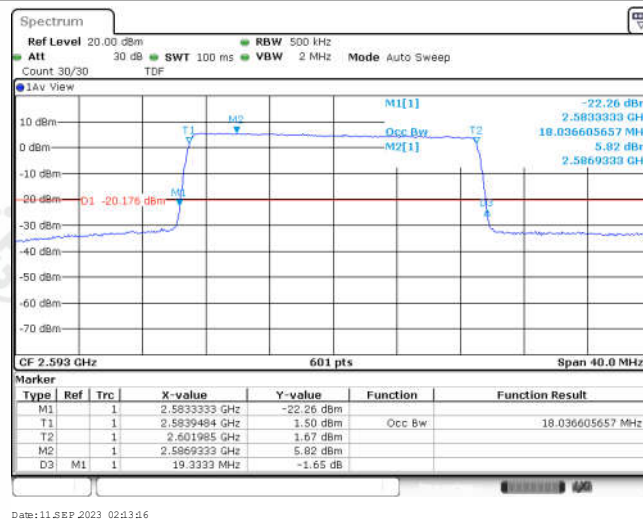
Band41-20MHz-QPSK-41490-100RB#0-17.97



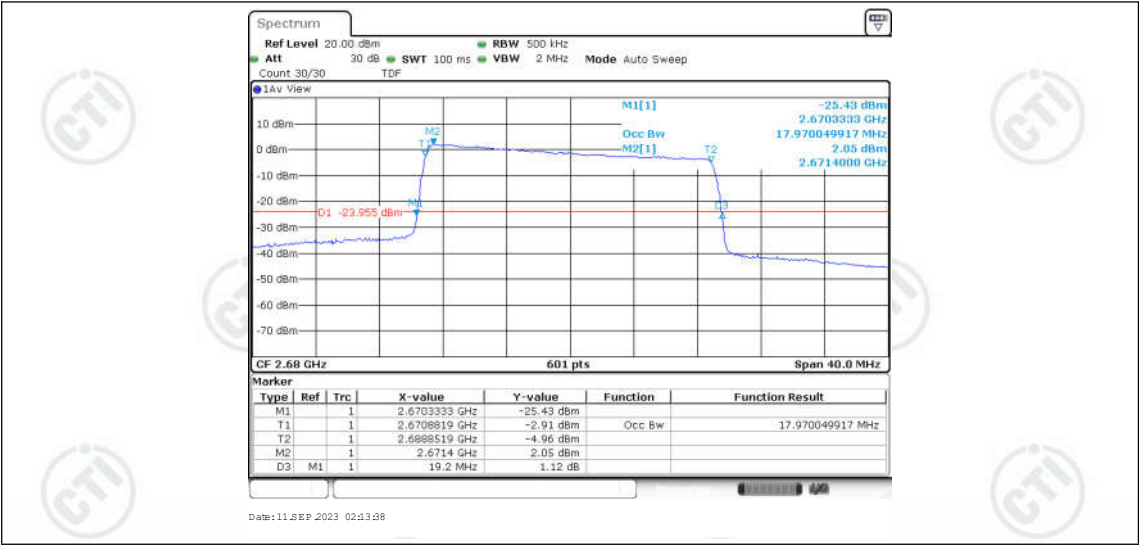
Band41-20MHz-16QAM-39750-100RB#0-17.903



Band41-20MHz-16QAM-40620-100RB#0-18.037



Band41-20MHz-16QAM-41490-100RB#0-17.97

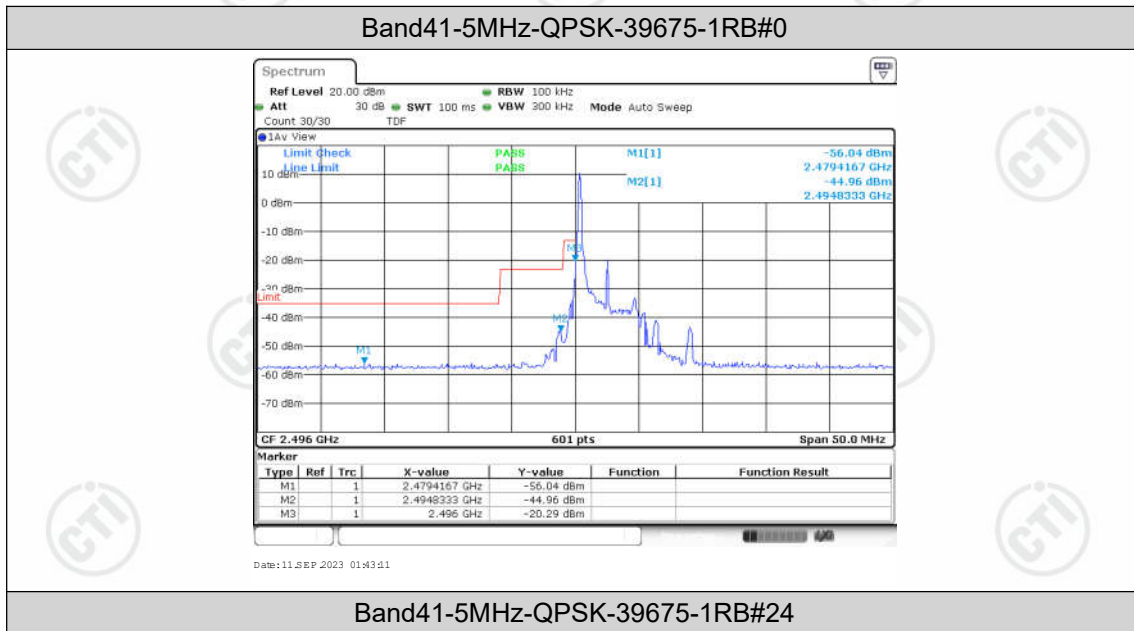


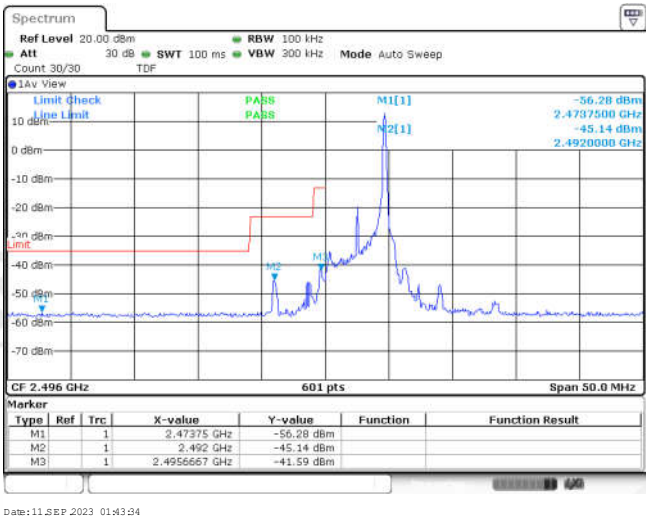
Appendix D: Band Edge**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-56.04,-44.96,-20.29	PASS
Band41	5MHz	QPSK	39675	1RB#24	-56.28,-45.14,-41.59	PASS
Band41	5MHz	QPSK	39675	25RB#0	-56.00,-39.08,-33.02	PASS
Band41	5MHz	QPSK	41565	1RB#0	-40.83,-43.78,-55.25,-55.83	PASS
Band41	5MHz	QPSK	41565	1RB#24	-25.12,-44.28,-56.36,-53.89	PASS
Band41	5MHz	QPSK	41565	25RB#0	-34.19,-41.89,-50.60,-50.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	-56.27,-44.06,-22.90	PASS
Band41	5MHz	16QAM	39675	1RB#24	-56.08,-45.75,-42.59	PASS
Band41	5MHz	16QAM	39675	25RB#0	-55.67,-39.25,-34.49	PASS
Band41	5MHz	16QAM	41565	1RB#0	-39.37,-43.30,-55.89,-55.79	PASS
Band41	5MHz	16QAM	41565	1RB#24	-27.33,-43.06,-56.08,-54.47	PASS
Band41	5MHz	16QAM	41565	25RB#0	-35.08,-41.25,-49.62,-51.35	PASS
Band41	10MHz	QPSK	39700	1RB#0	-51.08,-46.14,-25.28	PASS
Band41	10MHz	QPSK	39700	1RB#49	-51.00,-44.09,-42.54	PASS
Band41	10MHz	QPSK	39700	50RB#0	-51.55,-39.13,-34.08	PASS
Band41	10MHz	QPSK	41540	1RB#0	-41.86,-43.86,-45.38,-53.86	PASS
Band41	10MHz	QPSK	41540	1RB#49	-27.92,-46.51,-51.05,-53.64	PASS
Band41	10MHz	QPSK	41540	50RB#0	-38.09,-43.23,-45.42,-51.59	PASS
Band41	10MHz	16QAM	39700	1RB#0	-51.64,-46.99,-27.37	PASS
Band41	10MHz	16QAM	39700	1RB#49	-51.43,-45.62,-41.88	PASS
Band41	10MHz	16QAM	39700	50RB#0	-53.54,-38.89,-36.33	PASS
Band41	10MHz	16QAM	41540	1RB#0	-40.91,-44.82,-47.38,-53.74	PASS
Band41	10MHz	16QAM	41540	1RB#49	-30.75,-46.12,-51.47,-53.83	PASS
Band41	10MHz	16QAM	41540	50RB#0	-37.80,-41.87,-45.61,-50.50	PASS
Band41	15MHz	QPSK	39725	1RB#0	-52.94,-46.80,-30.87	PASS
Band41	15MHz	QPSK	39725	1RB#74	-52.73,-48.40,-46.30	PASS
Band41	15MHz	QPSK	39725	75RB#0	-52.77,-37.83,-35.85	PASS
Band41	15MHz	QPSK	41515	1RB#0	-45.40,-51.54,-48.45,-52.41	PASS
Band41	15MHz	QPSK	41515	1RB#74	-31.50,-45.63,-50.24,-52.24	PASS
Band41	15MHz	QPSK	41515	75RB#0	-38.22,-40.62,-44.95,-52.03	PASS
Band41	15MHz	16QAM	39725	1RB#0	-52.77,-47.81,-32.47	PASS
Band41	15MHz	16QAM	39725	1RB#74	-52.87,-50.00,-47.19	PASS
Band41	15MHz	16QAM	39725	75RB#0	-52.73,-38.34,-36.81	PASS
Band41	15MHz	16QAM	41515	1RB#0	-45.61,-51.48,-49.34,-52.31	PASS

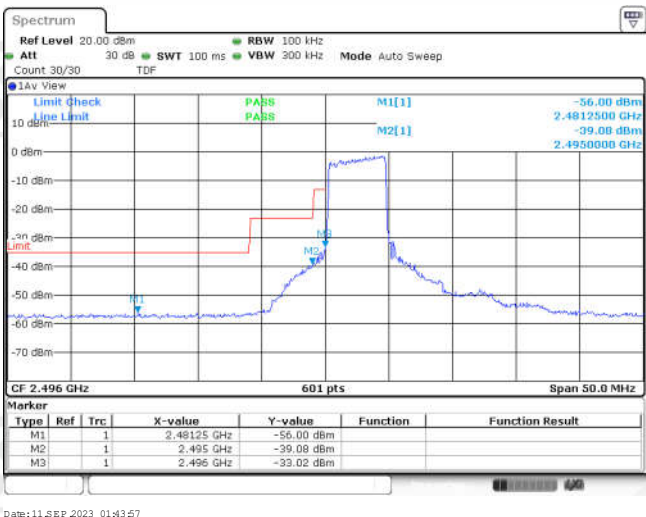
Band41	15MHz	16QAM	41515	1RB#74	-31.60,-45.39,-50.53,-52.52	PASS
Band41	15MHz	16QAM	41515	75RB#0	-39.66,-39.92,-44.48,-51.96	PASS
Band41	20MHz	QPSK	39750	1RB#0	-49.03,-46.19,-35.03	PASS
Band41	20MHz	QPSK	39750	1RB#99	-47.18,-47.02,-48.71	PASS
Band41	20MHz	QPSK	39750	100RB#0	-47.38,-38.53,-37.10	PASS
Band41	20MHz	QPSK	41490	1RB#0	-47.80,-50.11,-50.73,-50.67	PASS
Band41	20MHz	QPSK	41490	1RB#99	-35.33,-44.47,-48.68,-50.93	PASS
Band41	20MHz	QPSK	41490	100RB#0	-40.49,-42.19,-44.55,-50.69	PASS
Band41	20MHz	16QAM	39750	1RB#0	-47.65,-46.54,-35.55	PASS
Band41	20MHz	16QAM	39750	1RB#99	-46.91,-47.09,-49.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	-47.23,-38.77,-37.18	PASS
Band41	20MHz	16QAM	41490	1RB#0	-48.83,-49.90,-50.53,-51.01	PASS
Band41	20MHz	16QAM	41490	1RB#99	-34.56,-45.22,-48.68,-50.83	PASS
Band41	20MHz	16QAM	41490	100RB#0	-39.92,-41.30,-42.66,-50.76	PASS

Test Graphs

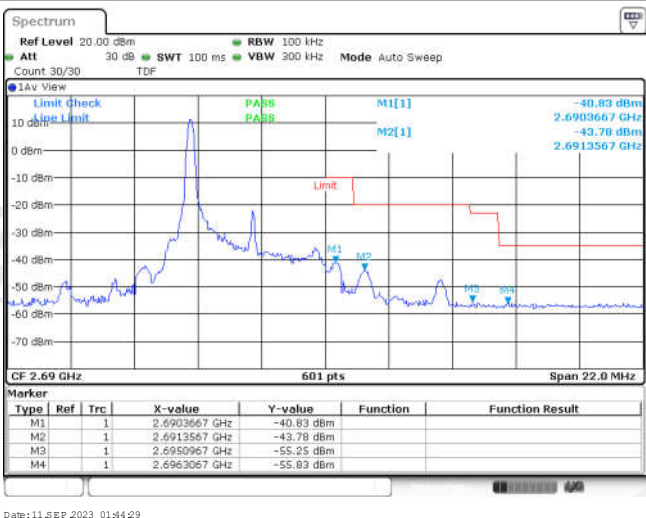




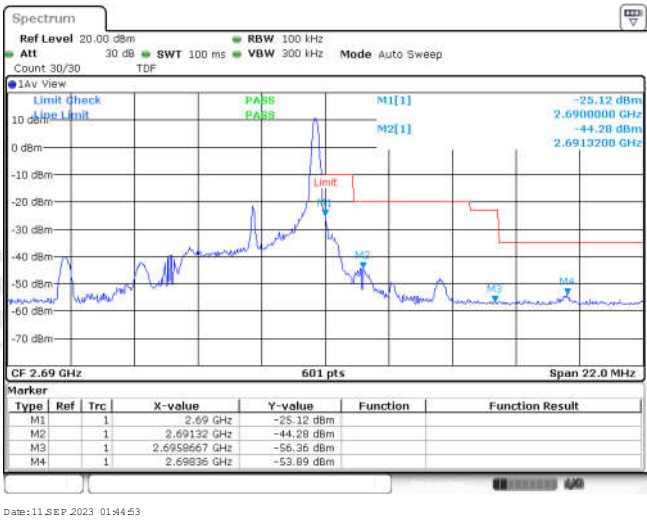
Band41-5MHz-QPSK-39675-25RB#0



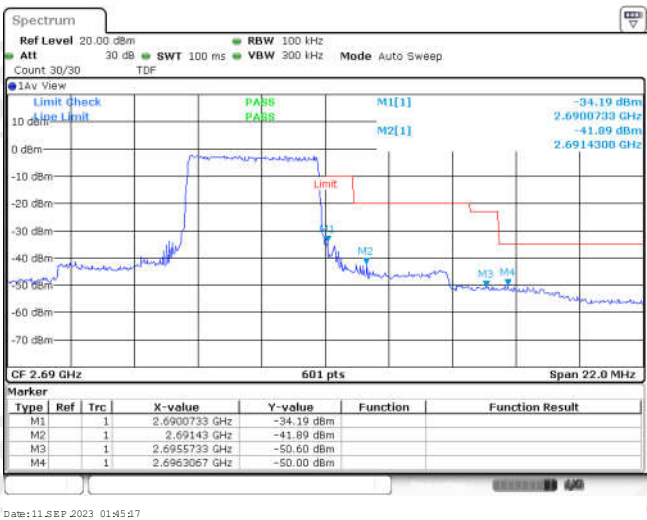
Band41-5MHz-QPSK-41565-1RB#0



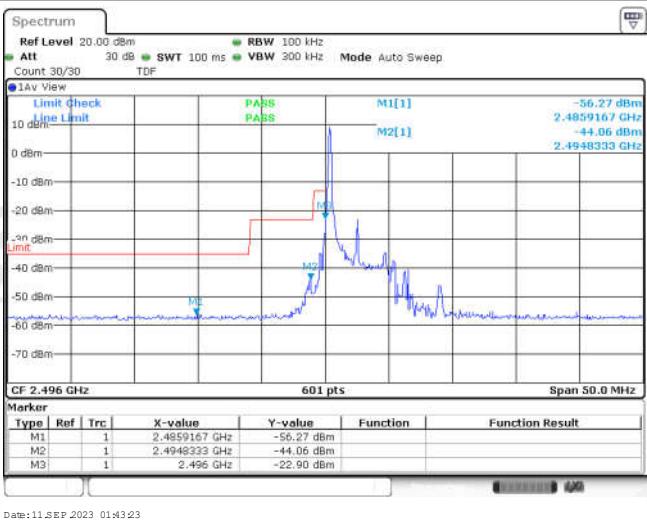
Band41-5MHz-QPSK-41565-1RB#24



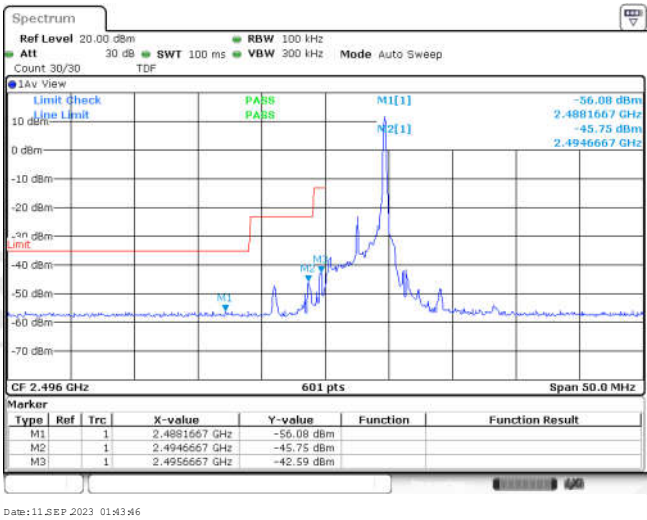
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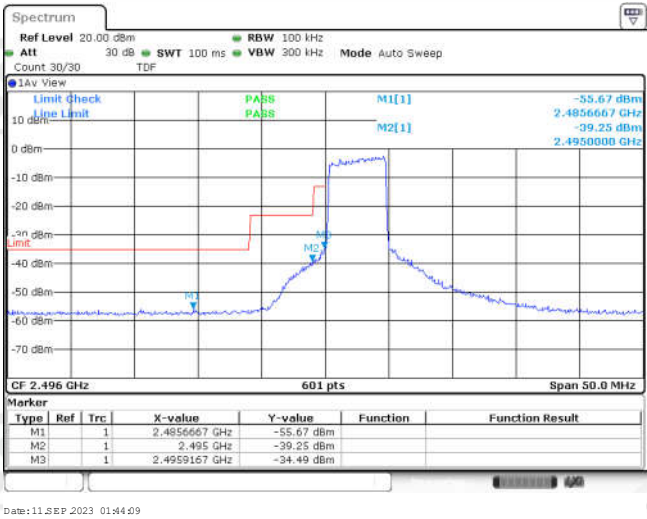
Band41-5MHz-16QAM-39675-1RB#0



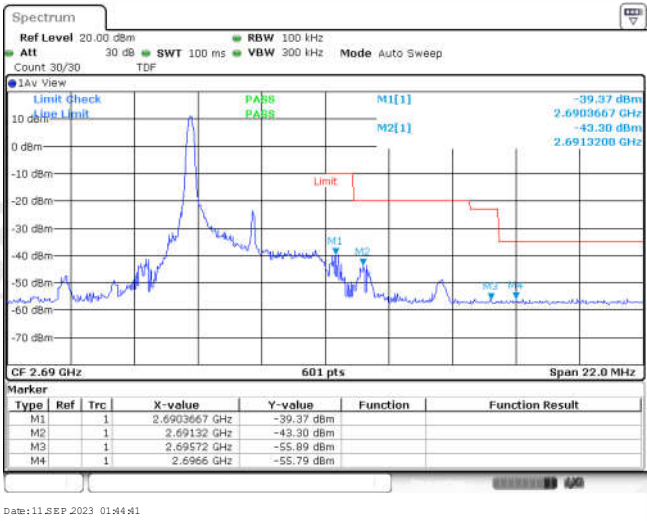
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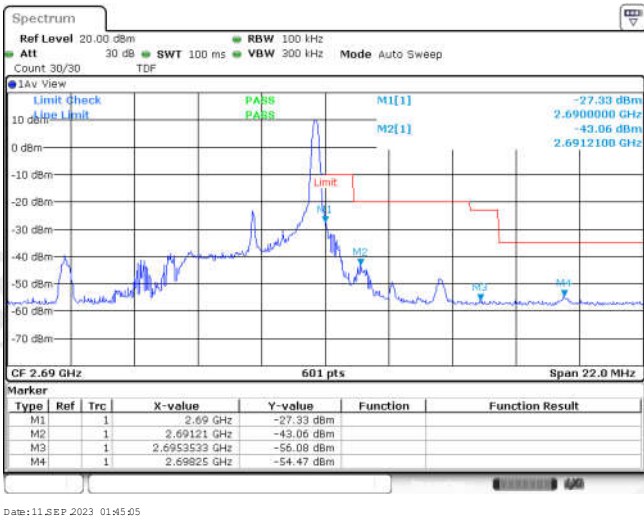
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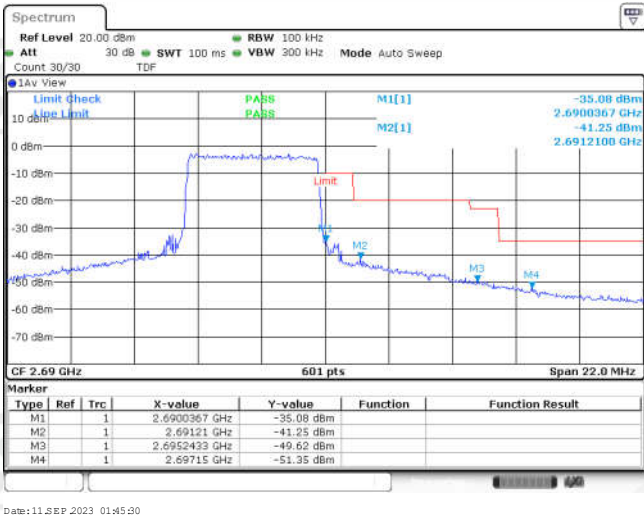
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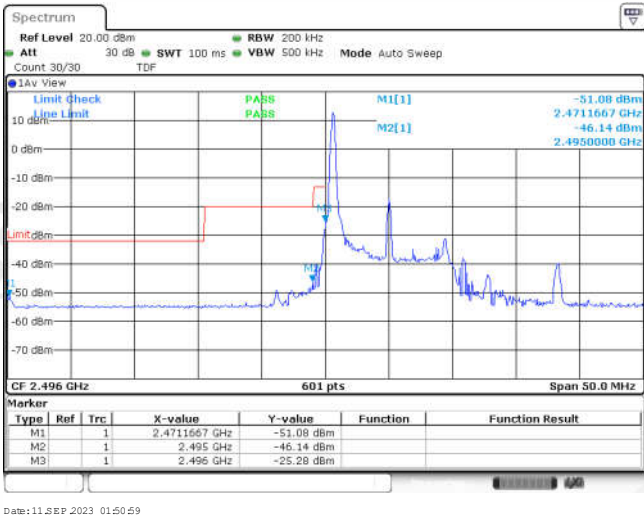
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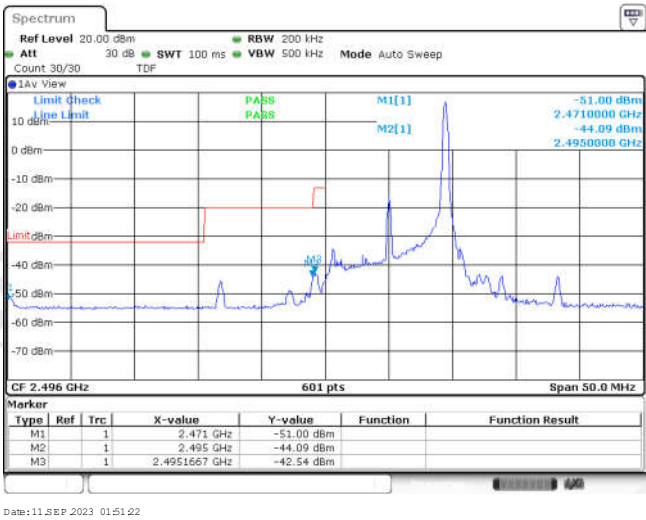
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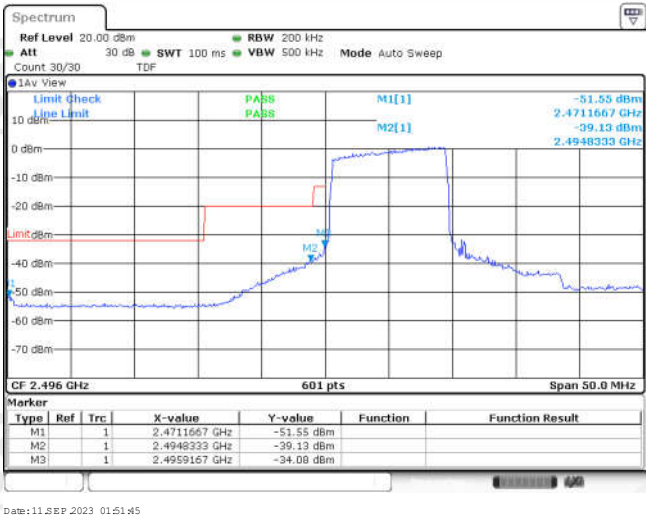
Band41-10MHz-QPSK-39700-1RB#0



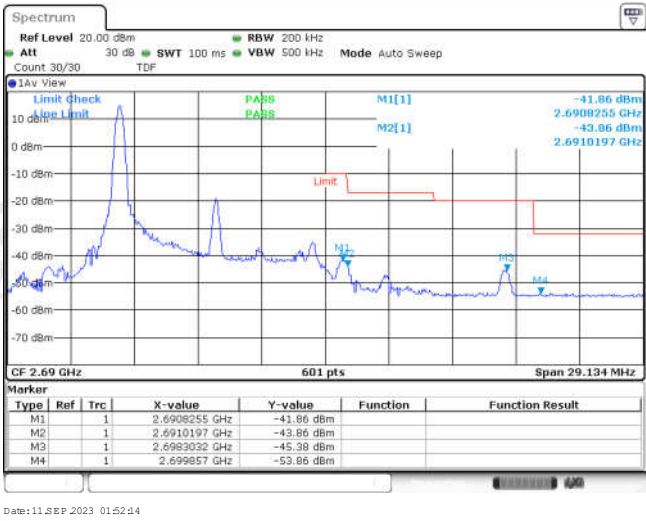
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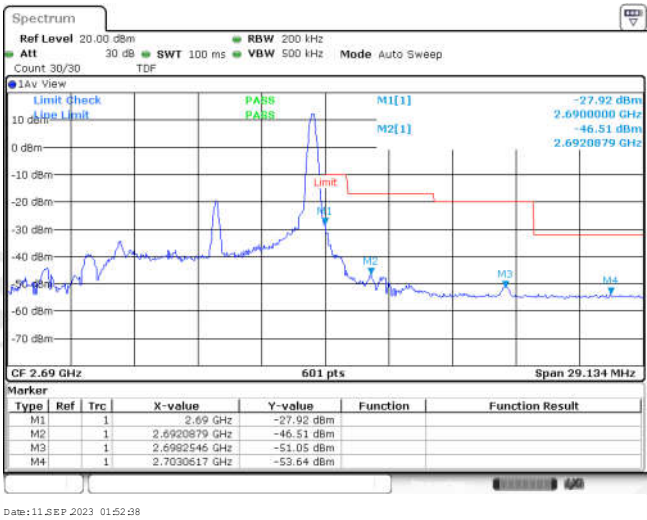
Band41-10MHz-QPSK-39700-50RB#0



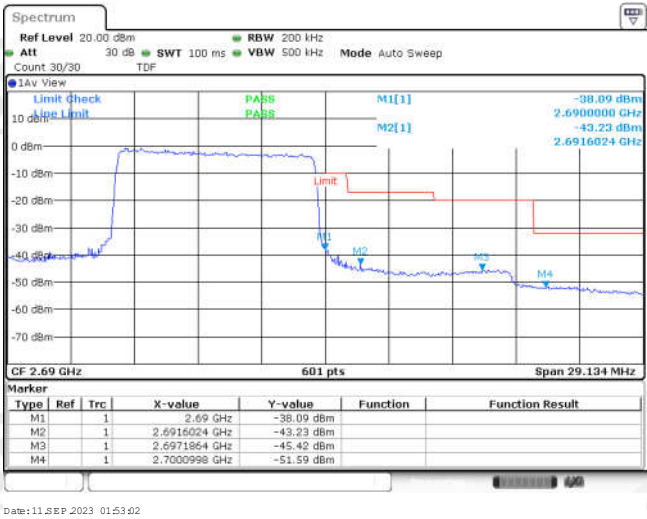
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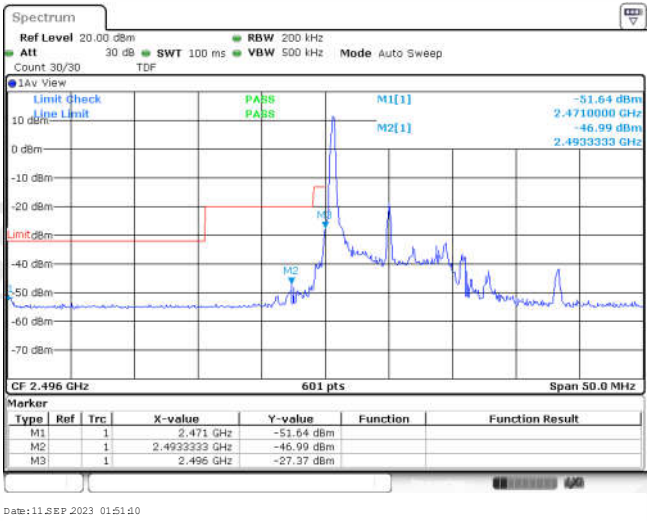
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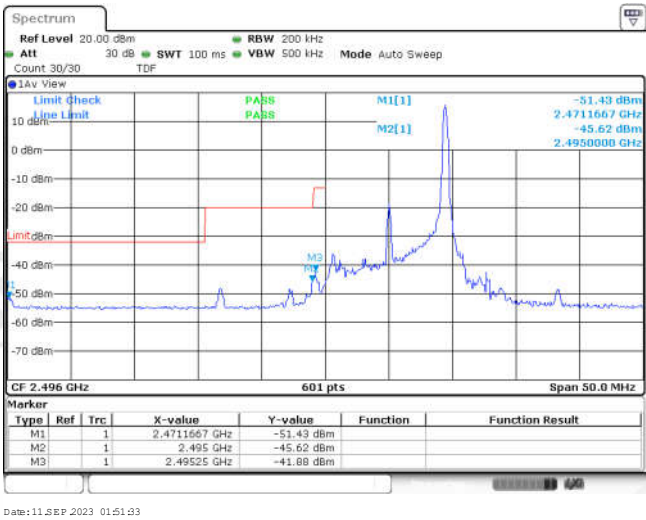
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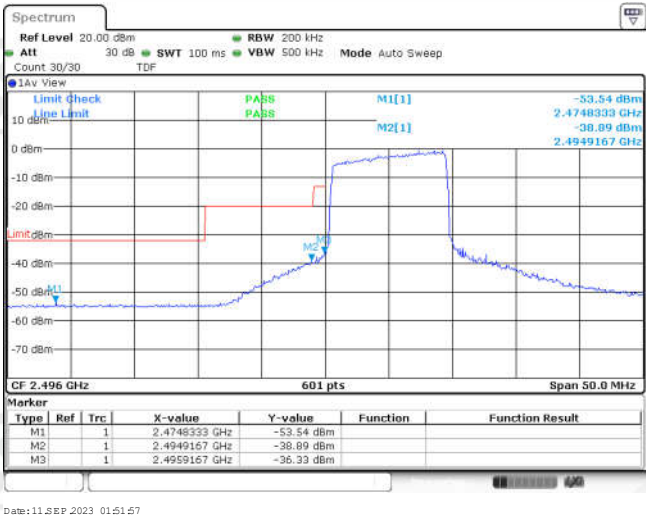
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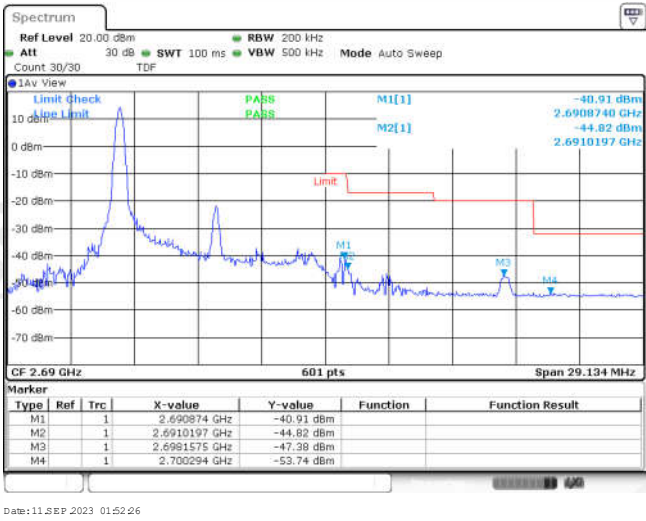
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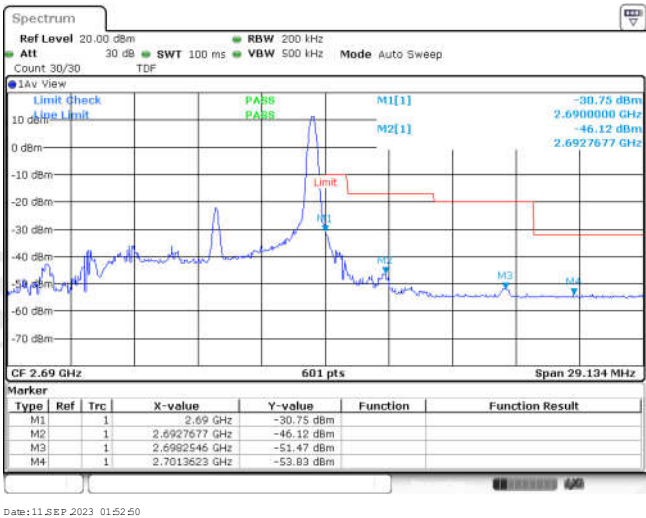
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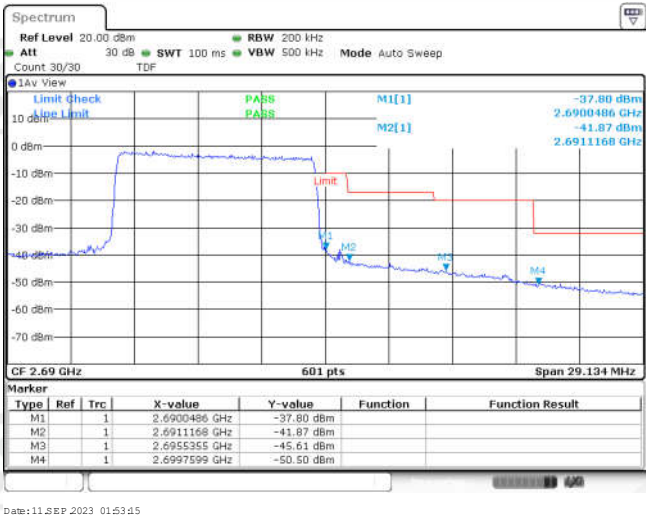
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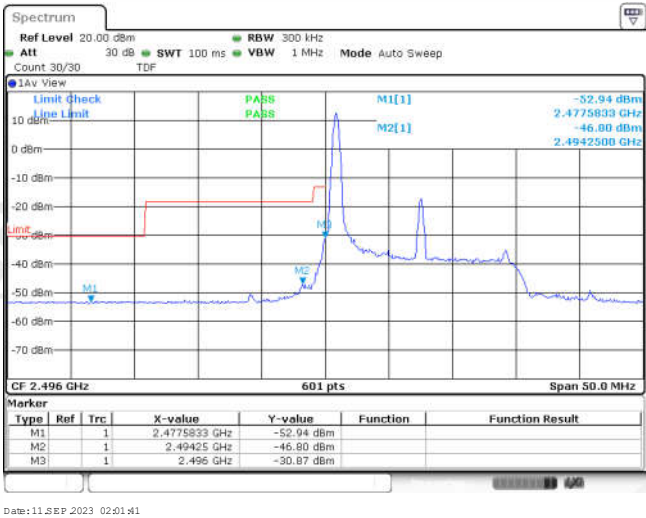
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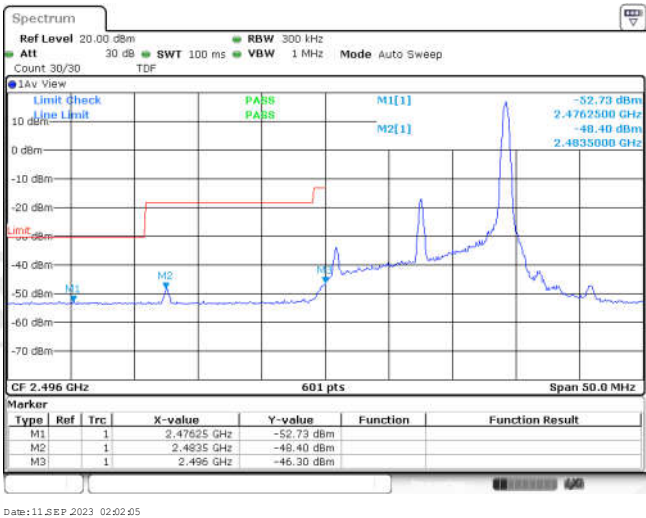
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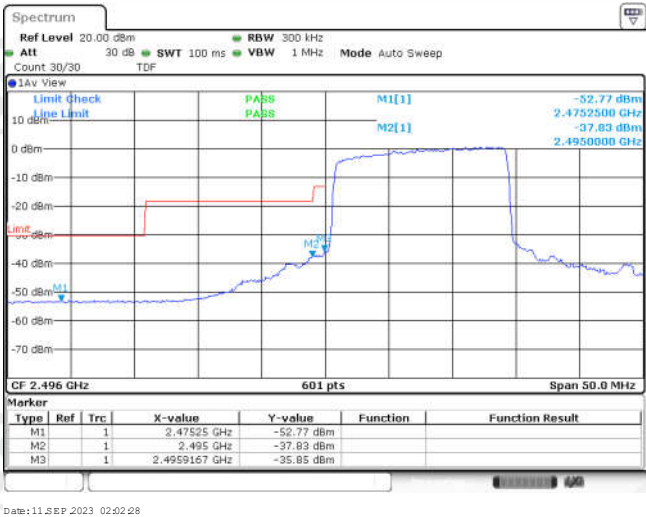
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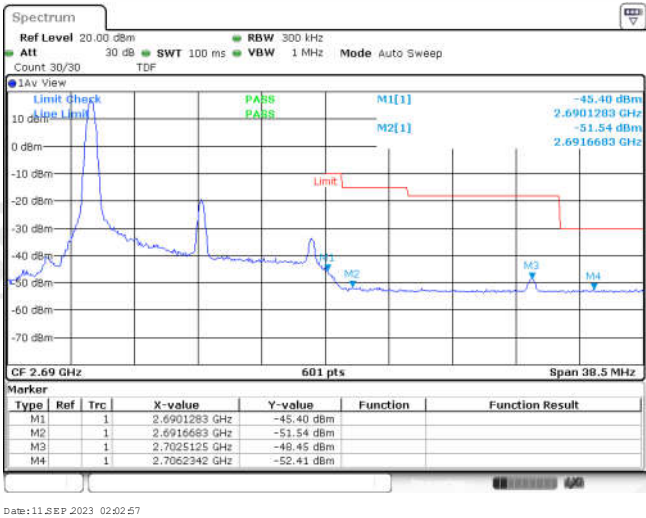
Band41-15MHz-QPSK-39725-1RB#74



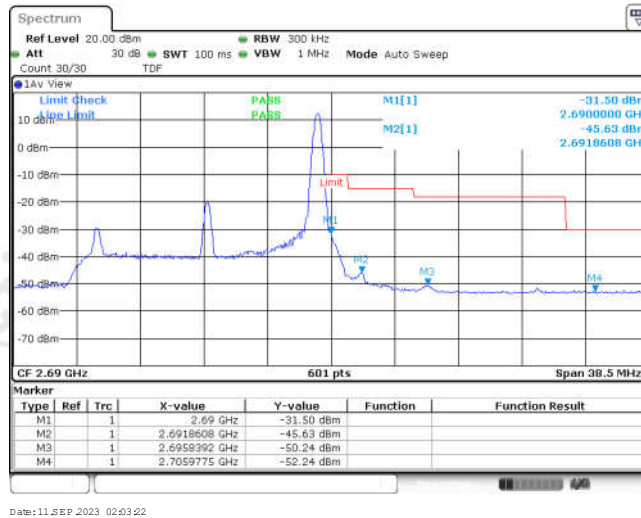
Band41-15MHz-QPSK-39725-75RB#0



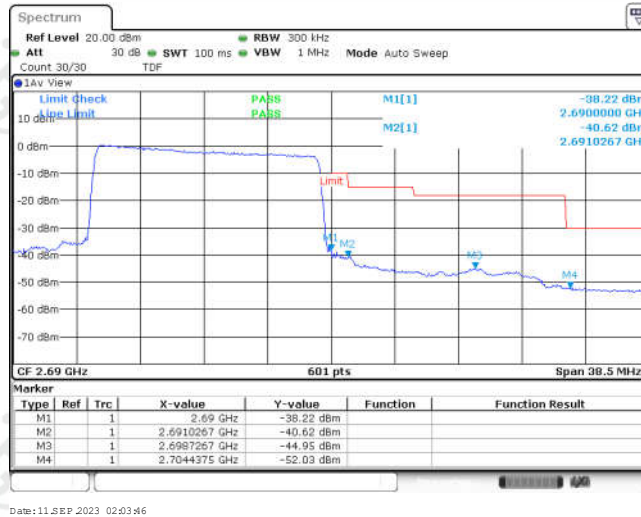
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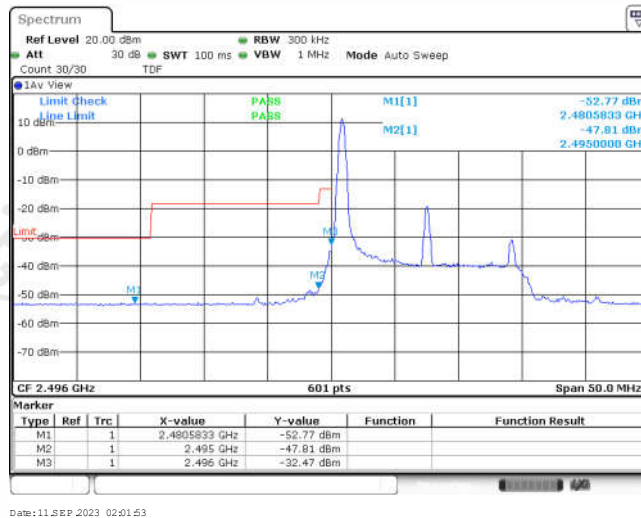
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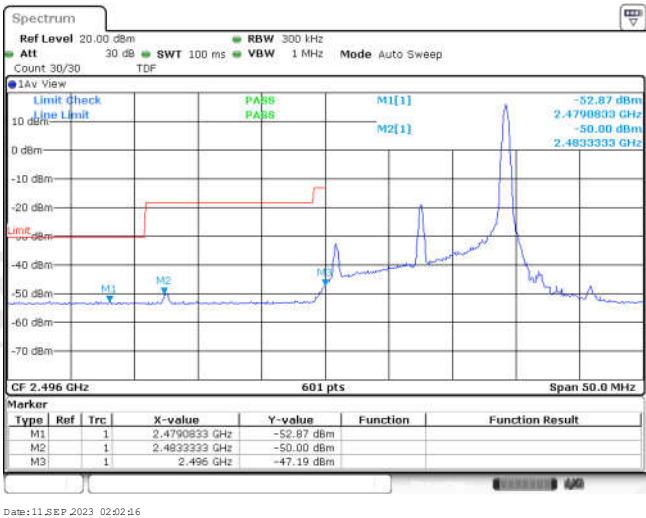
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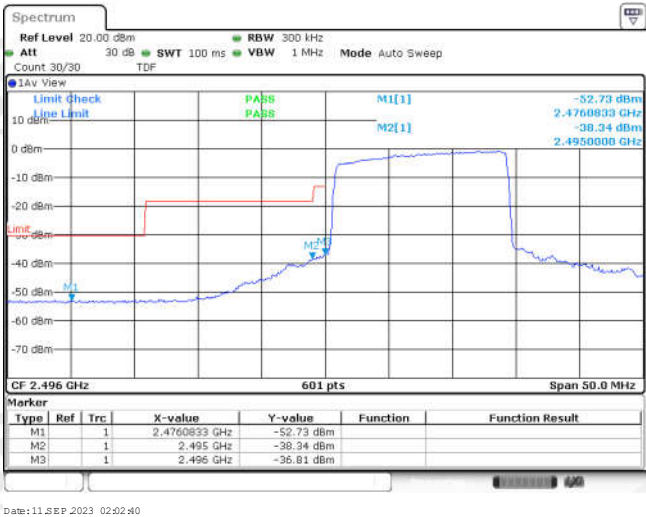
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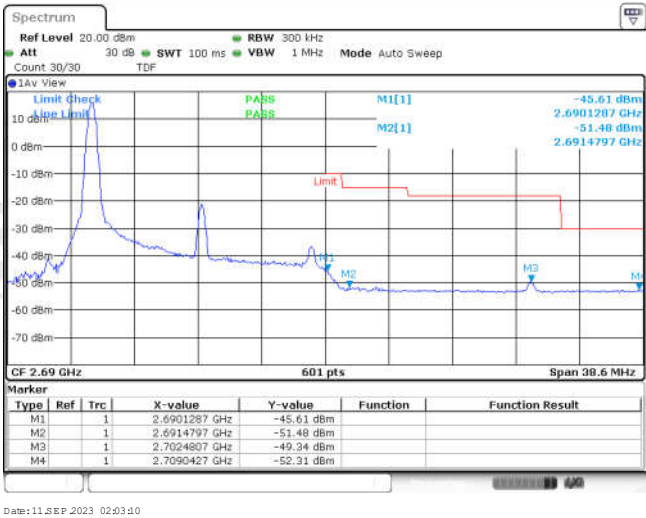
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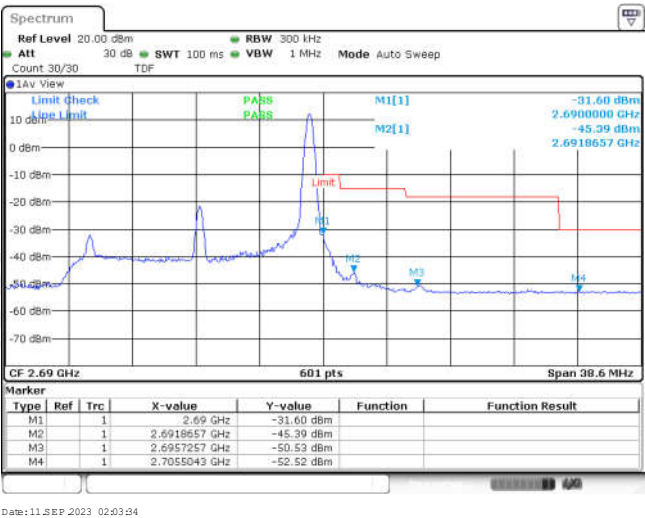
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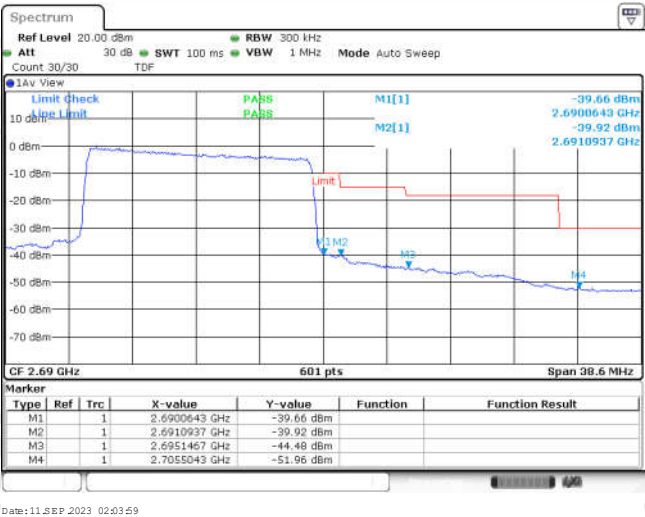
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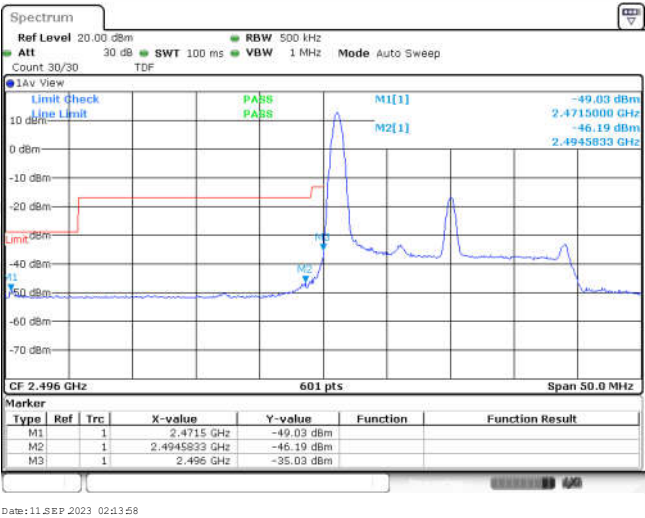
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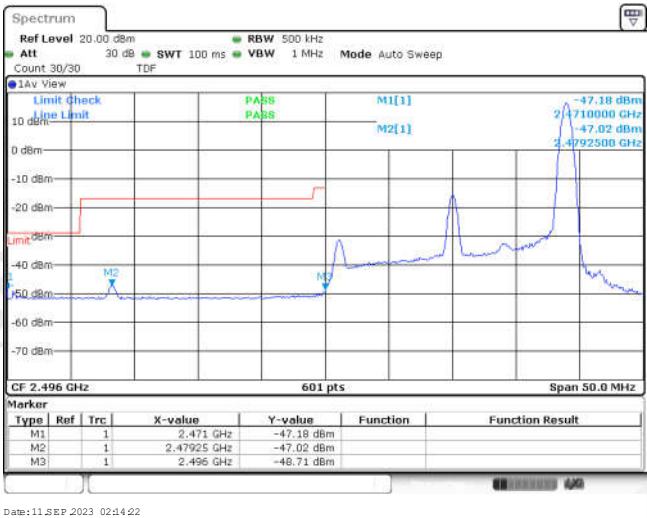
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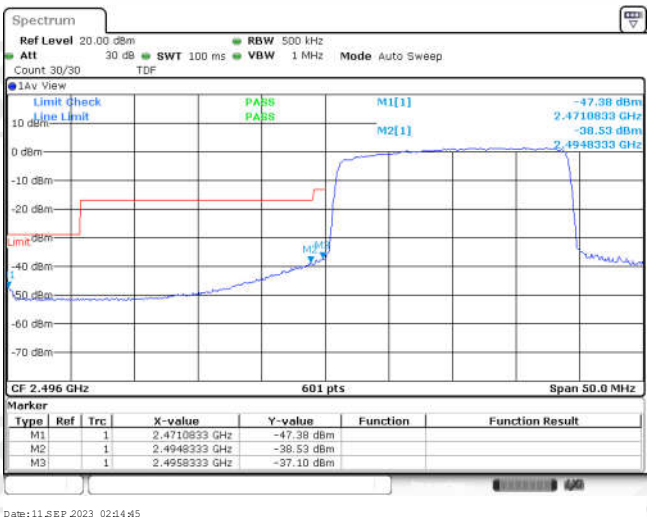
Band41-20MHz-QPSK-39750-1RB#0



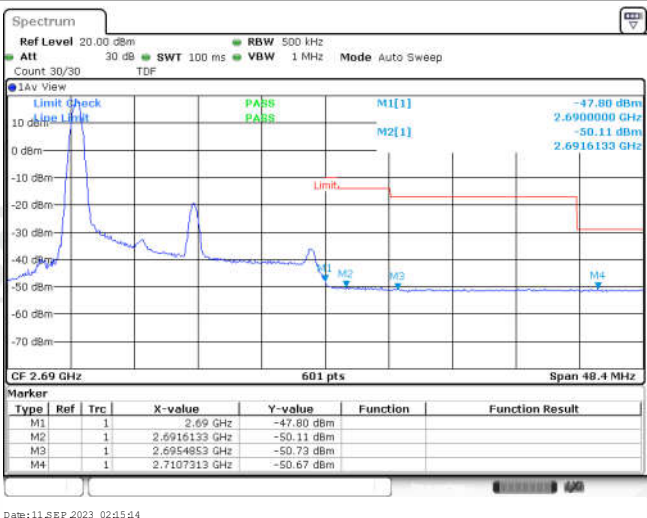
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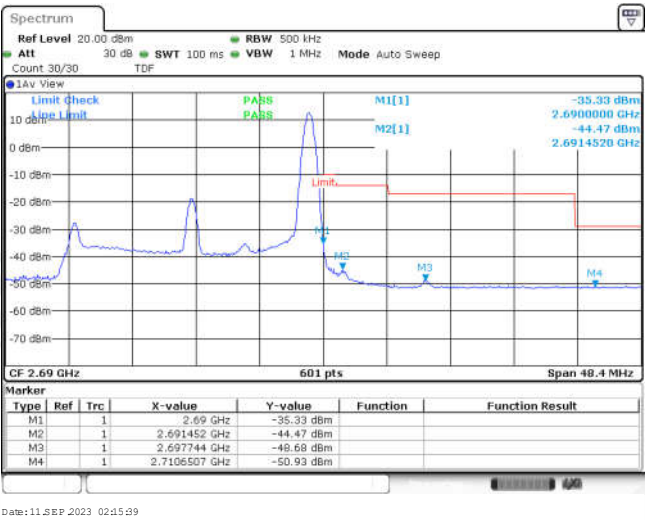
Band41-20MHz-QPSK-39750-100RB#0



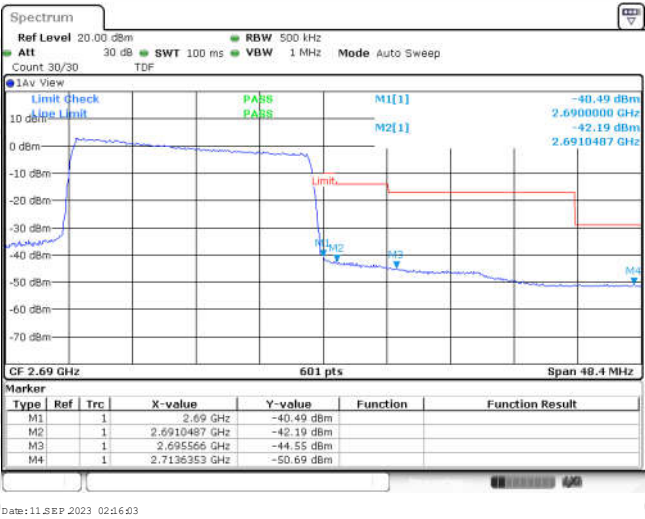
Band41-20MHz-QPSK-41490-1RB#0



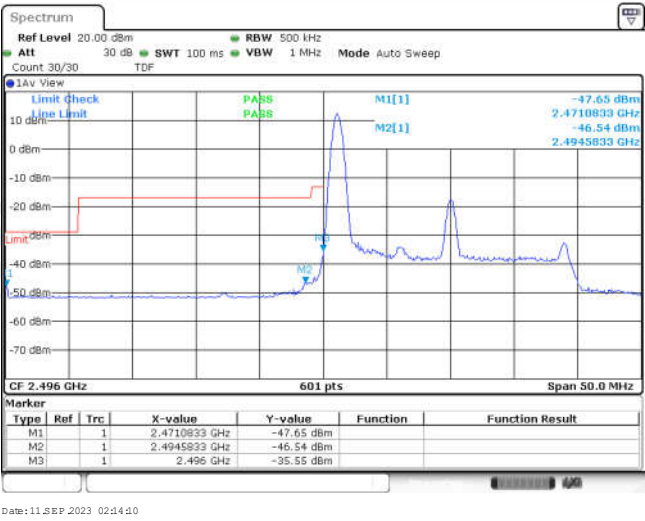
Band41-20MHz-QPSK-41490-1RB#99



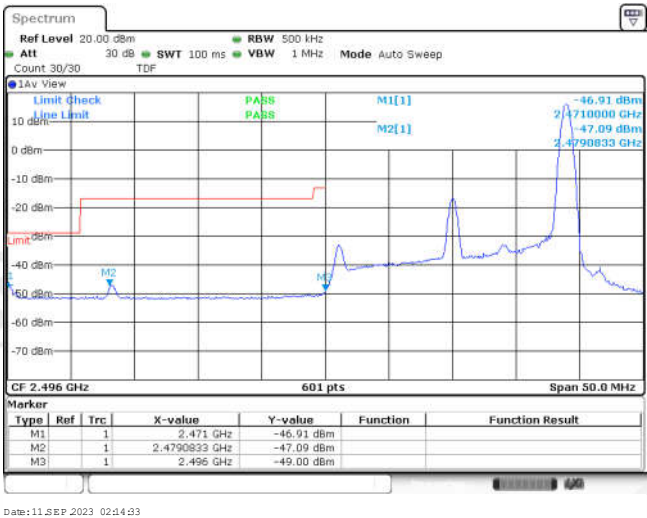
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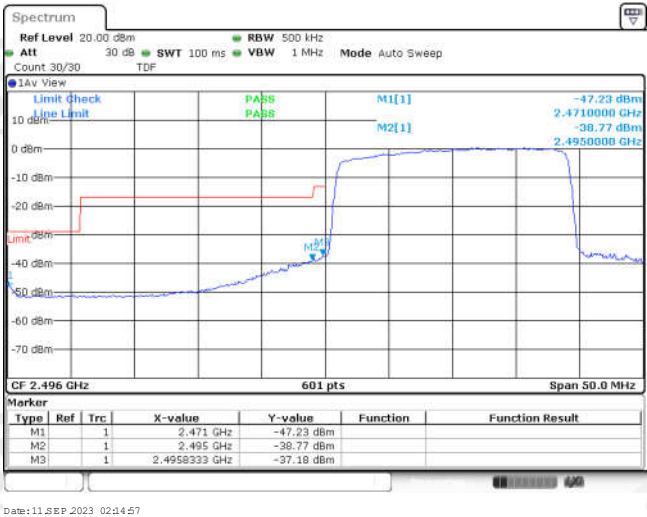
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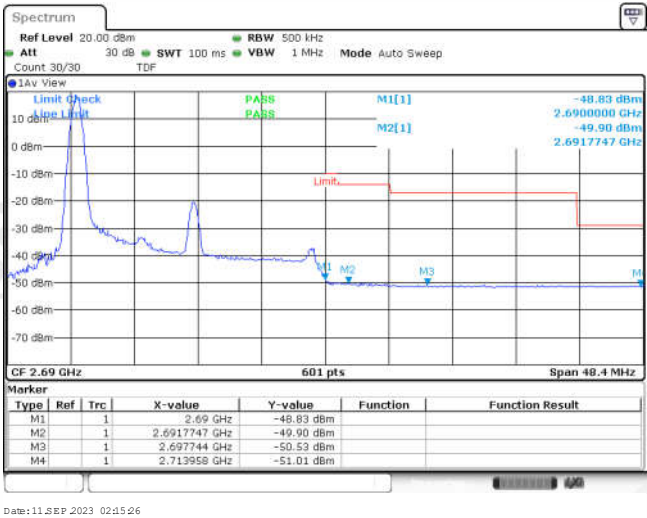
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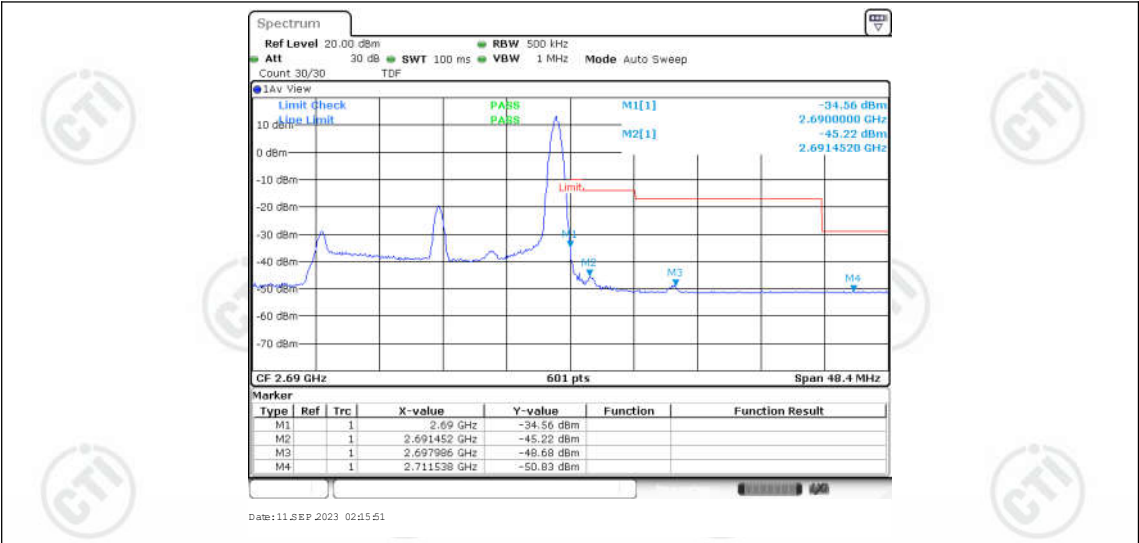
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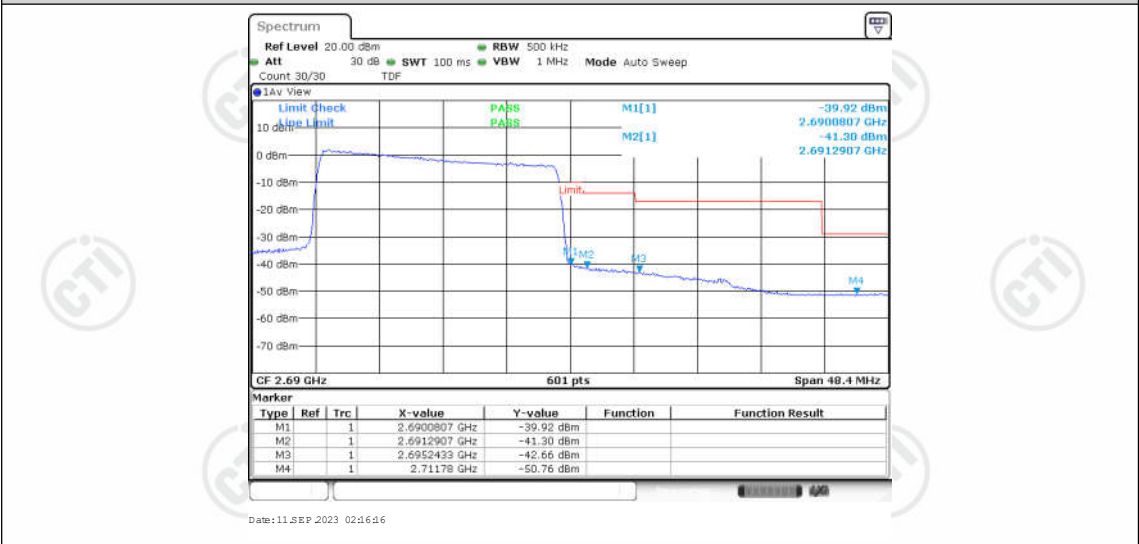
Band41-20MHz-16QAM-41490-1RB#0



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



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



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range1:30~1000MHz	-48.8	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~3000MHz	-46.06	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range3:3000~26500MHz	-41.97	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-48.54	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-47.45	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-35.83	PASS
Band41	5MHz	QPSK	4062041565	1RB#0	Range1:30~1000MHz	-59.11	PASS
Band41	5MHz	QPSK	4062041565	1RB#0	Range2:1000~3000MHz	8.63	FAIL
Band41	5MHz	QPSK	4062041565	1RB#0	Range3:3000~26500MHz	-41.98	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-50	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:1000~3000MHz	-47.46	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range3:3000~26500MHz	-32.25	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:30~1000MHz	-49.57	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range2:1000~3000MHz	-46.78	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range3:3000~26500MHz	-42.33	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-48.91	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-46.28	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range3:3000~	-30.7	PASS

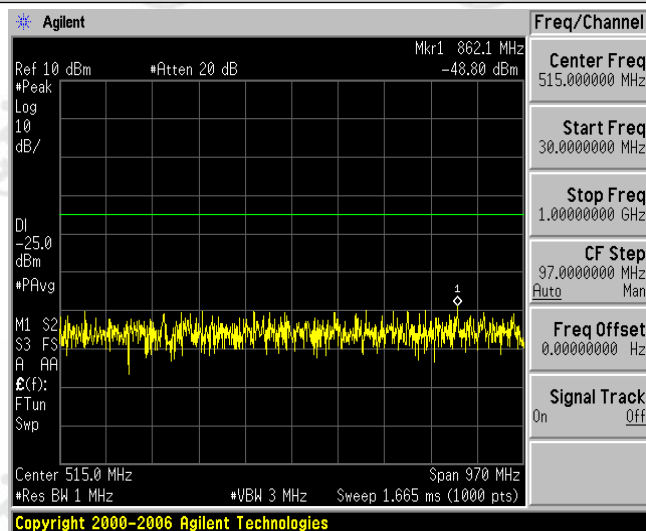
					26500MHz	2	
Band41	5MHz	16QAM	406204 1565	1RB#0	Range1:30~10 00MHz	-58.6 2	PASS
Band41	5MHz	16QAM	406204 1565	1RB#0	Range2:1000~ 3000MHz	14.52	FAIL
Band41	5MHz	16QAM	406204 1565	1RB#0	Range3:3000~ 26500MHz	-42.1 1	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:30~10 00MHz	-49.0 3	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range2:1000~ 3000MHz	-46.5 5	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range3:3000~ 26500MHz	-42.0 5	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~10 00MHz	-48.0 2	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:1000~ 3000MHz	-46.6 2	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range3:3000~ 26500MHz	-42	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~10 00MHz	-48.6 9	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:1000~ 3000MHz	-48.1 9	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range3:3000~ 26500MHz	-38.8	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:30~10 00MHz	-48.0 9	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range2:1000~ 3000MHz	-46.0 2	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range3:3000~ 26500MHz	-100 0	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:30~10 00MHz	-48.8	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range2:1000~ 3000MHz	-47.2 3	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range3:3000~ 26500MHz	-42.1 8	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range1:30~10 00MHz	-48.5 5	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range2:1000~ 3000MHz	-45.8 6	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range3:3000~	-43.1	PASS

					26500MHz		
Band41	10MHz	16QAM	41540	1RB#0	Range1:30~1000MHz	-49.56	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range2:1000~3000MHz	-47.02	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range3:3000~26500MHz	-41.65	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-48.49	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~3000MHz	-47.27	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range3:3000~26500MHz	-41.76	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-49.26	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-46.62	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-41.36	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-48.31	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:1000~3000MHz	-46.65	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range3:3000~26500MHz	-42.64	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:30~1000MHz	-48.25	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range2:1000~3000MHz	-47.25	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range3:3000~26500MHz	-41.72	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-48.49	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-46.26	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-42.26	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:30~1000MHz	-47.89	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range2:1000~3000MHz	-47.69	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range3:3000~	-43.2	PASS

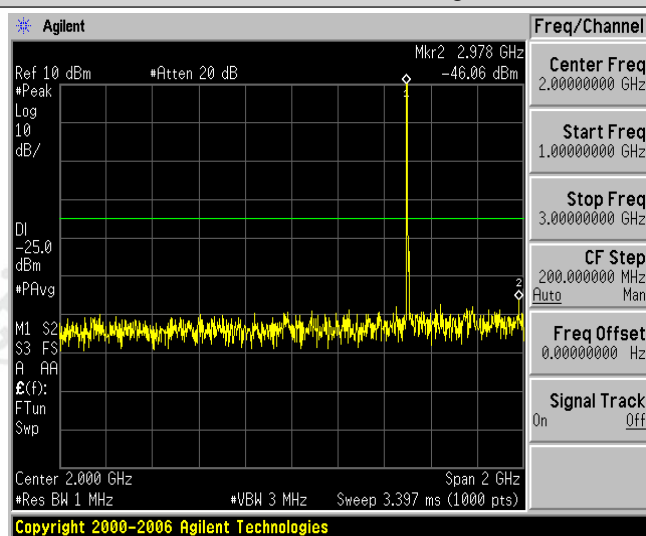
					26500MHz		
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-49.87	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:1000~3000MHz	-46.14	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range3:3000~26500MHz	-42.05	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-49.67	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-47.23	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-31.45	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-49.53	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:1000~3000MHz	-46.01	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range3:3000~26500MHz	-30.52	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:30~1000MHz	-49.5	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range2:1000~3000MHz	-46.77	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range3:3000~26500MHz	-42.78	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-48.95	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-46.7	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-32.23	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:30~1000MHz	-49.36	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range2:1000~3000MHz	-47.8	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range3:3000~26500MHz	-42.69	PASS

Test Graphs

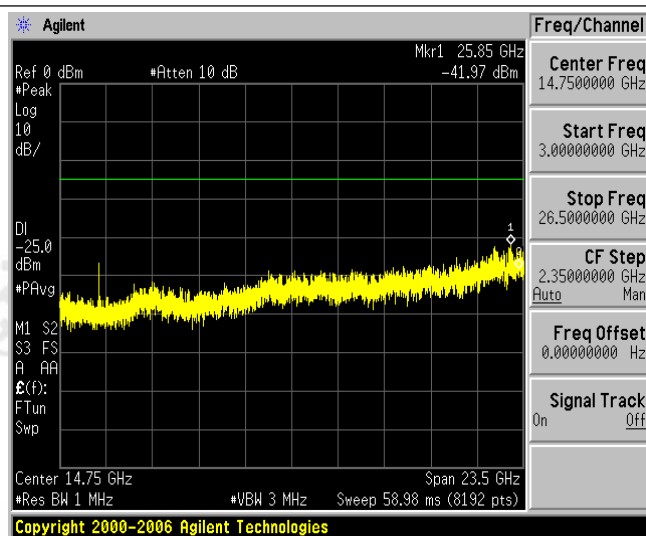
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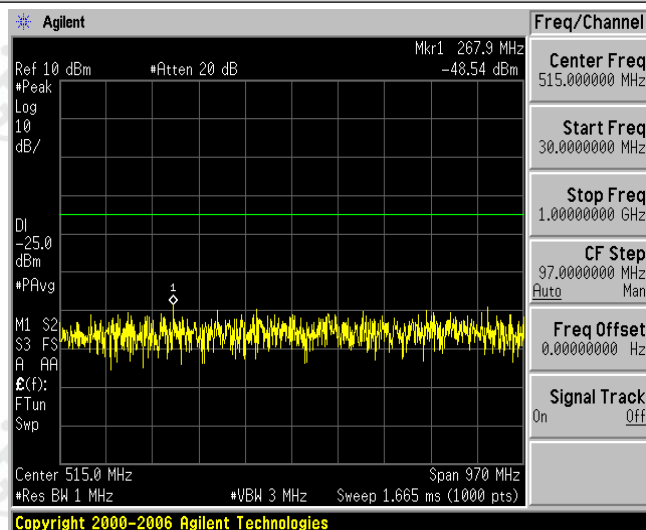
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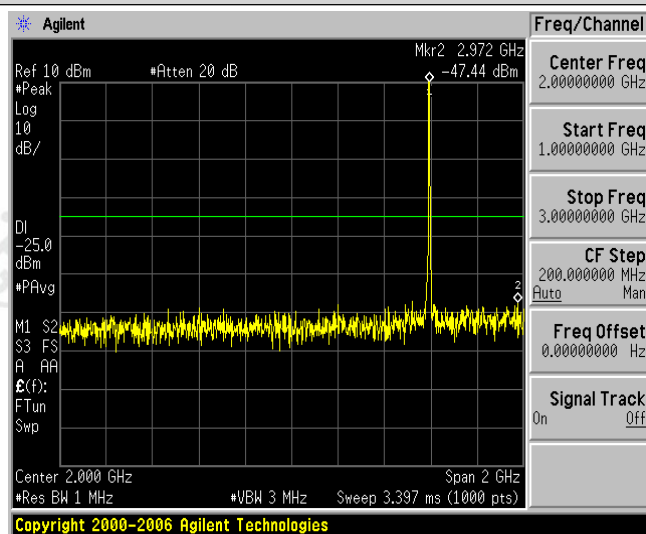
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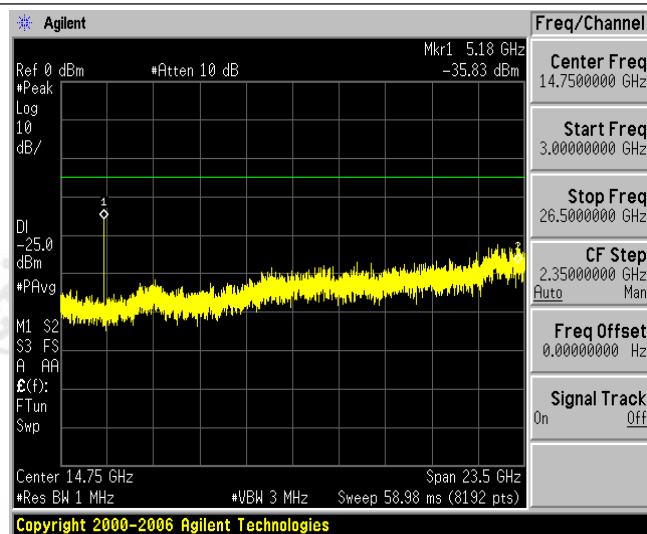
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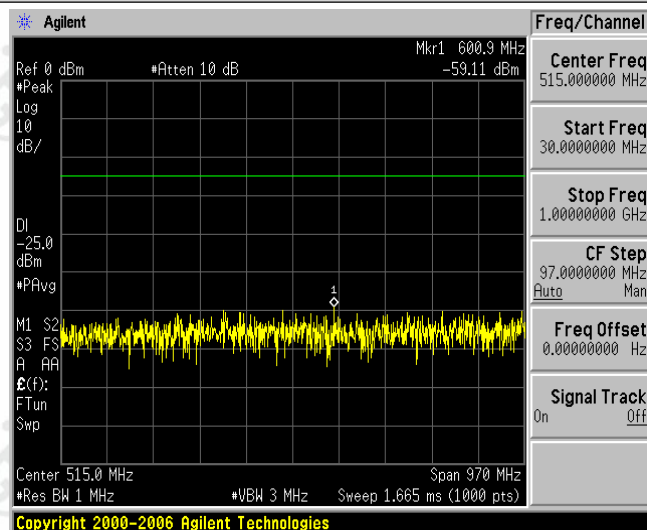
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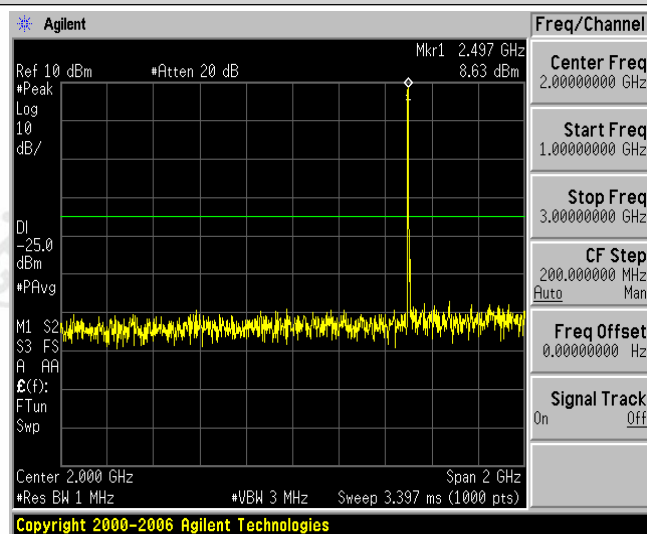
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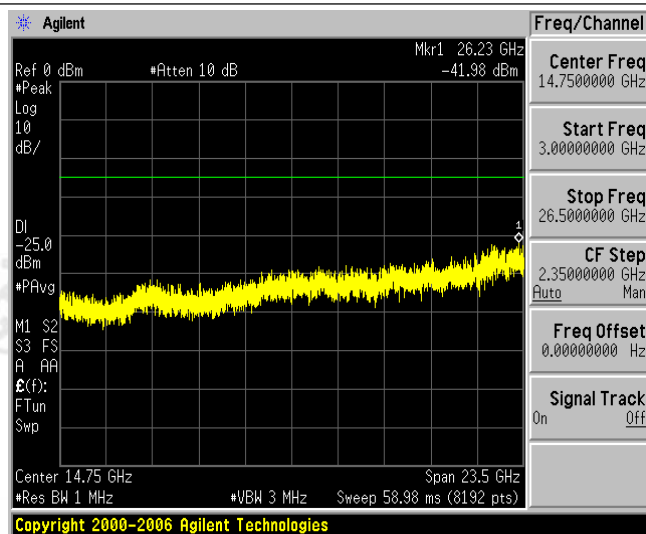
Band41-5MHz-QPSK-4062041565-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-4062041565-1RB#0-Range2:1000~3000MHz



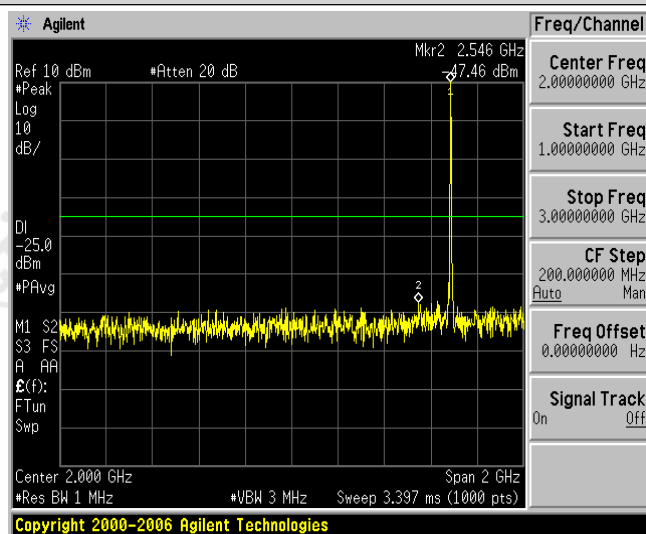
Band41-5MHz-QPSK-4062041565-1RB#0-Range3:3000~26500MHz



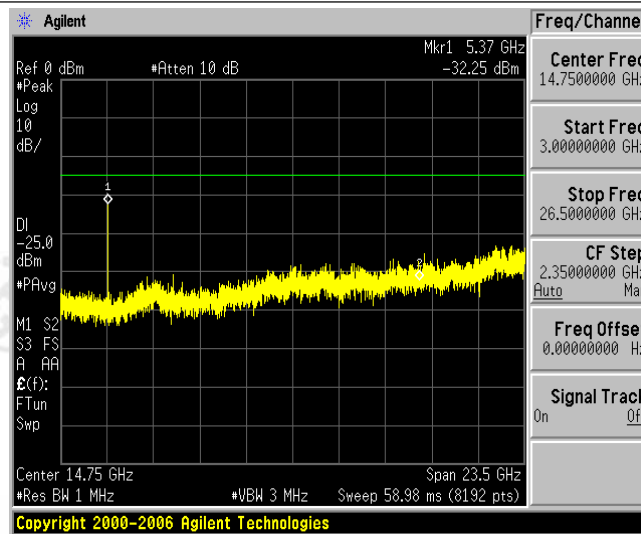
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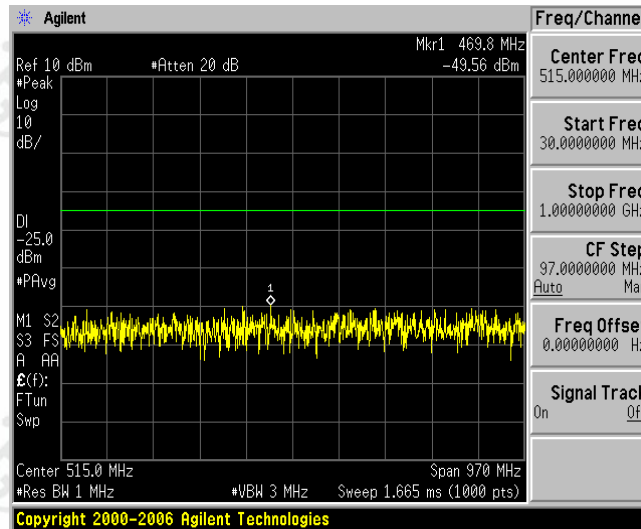
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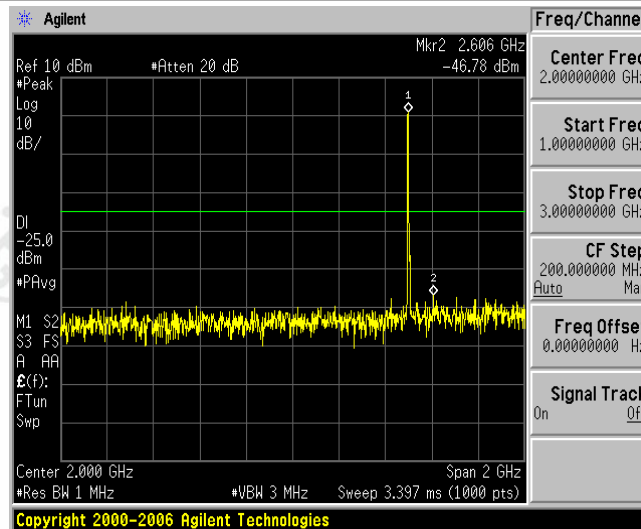
Band41-5MHz-QPSK-41565-1RB#0-Range3:3000~26500MHz



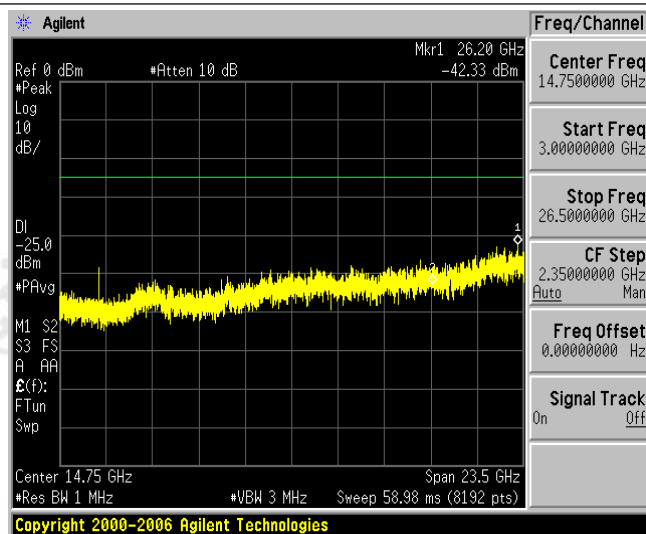
Band41-5MHz-16QAM-39675-1RB#0-Range1:30~1000MHz



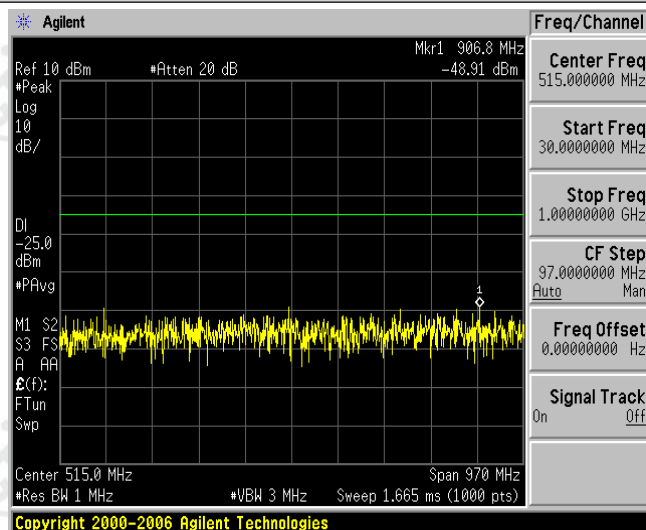
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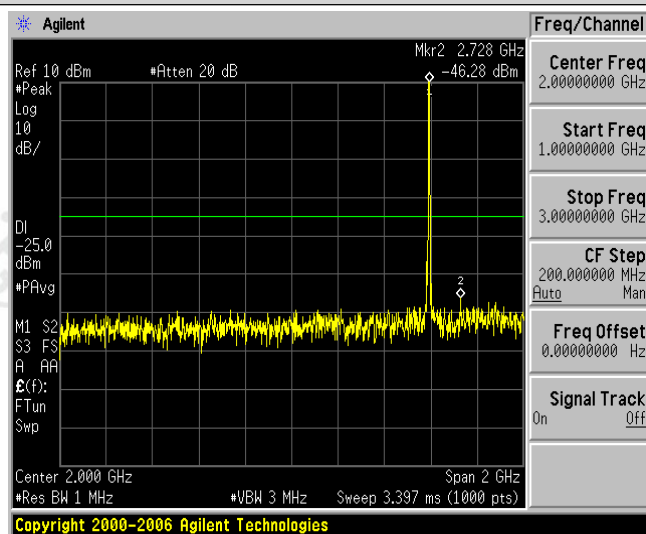
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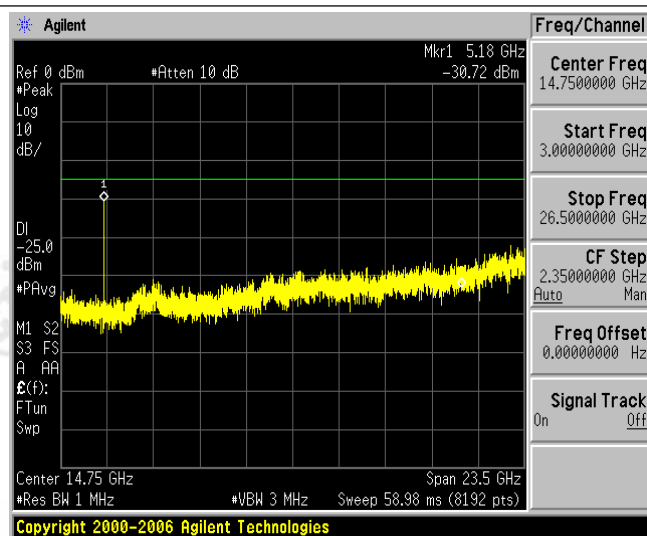
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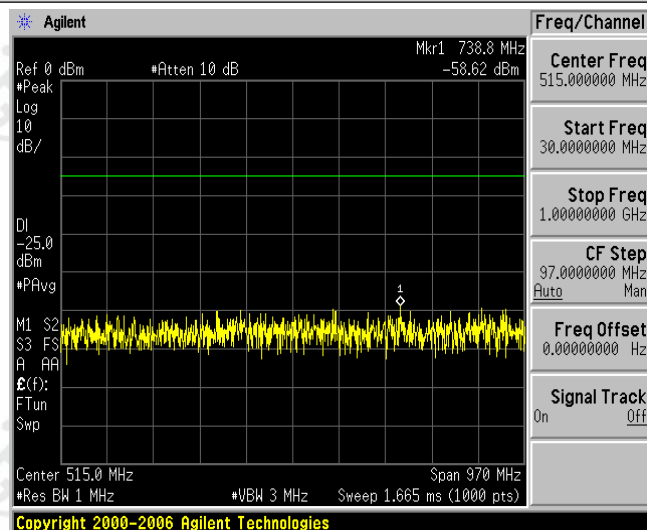
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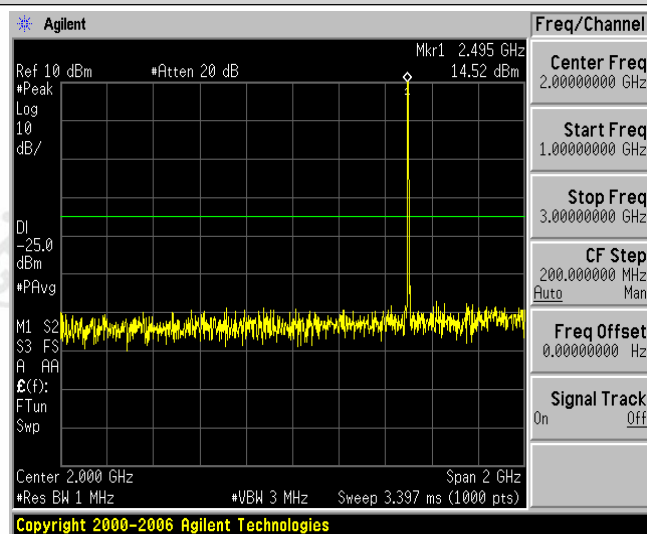
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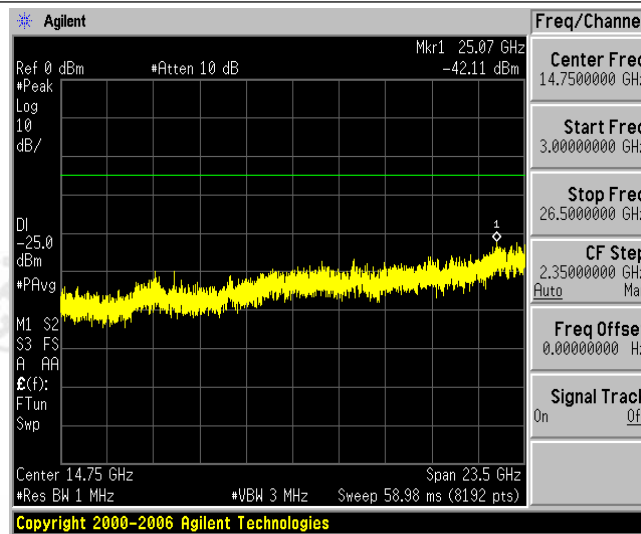
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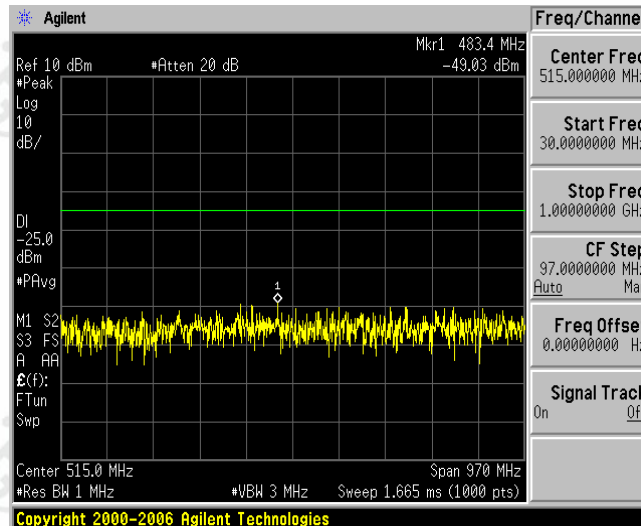
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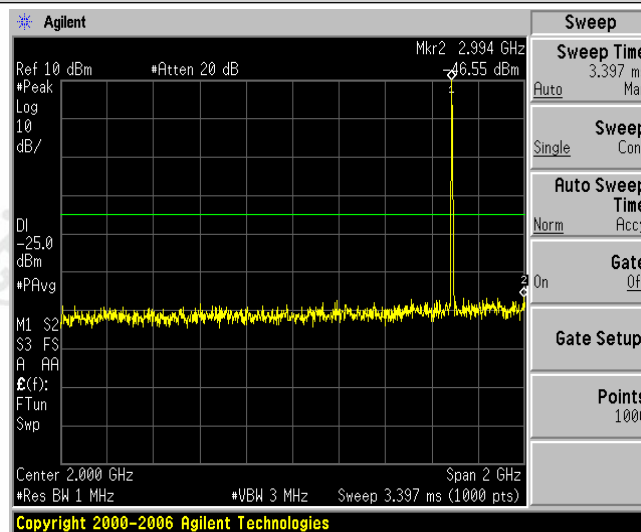
Band41-5MHz-16QAM-4062041565-1RB#0-Range3:3000~26500MHz



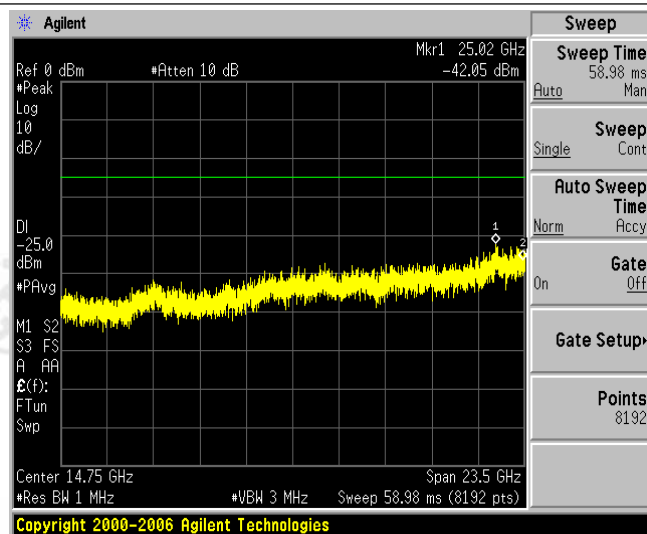
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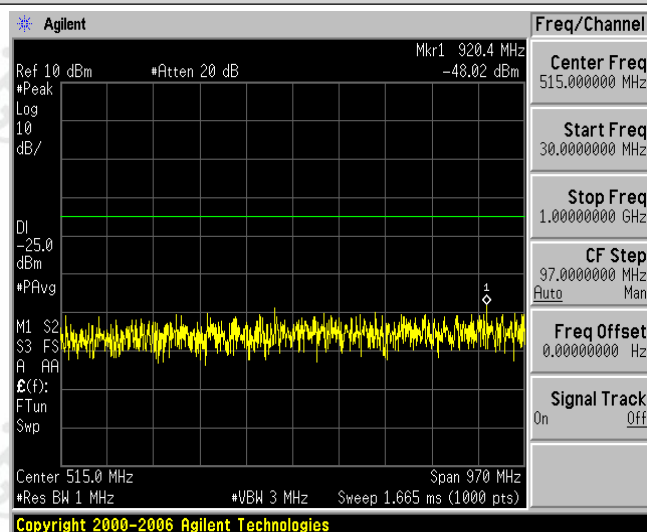
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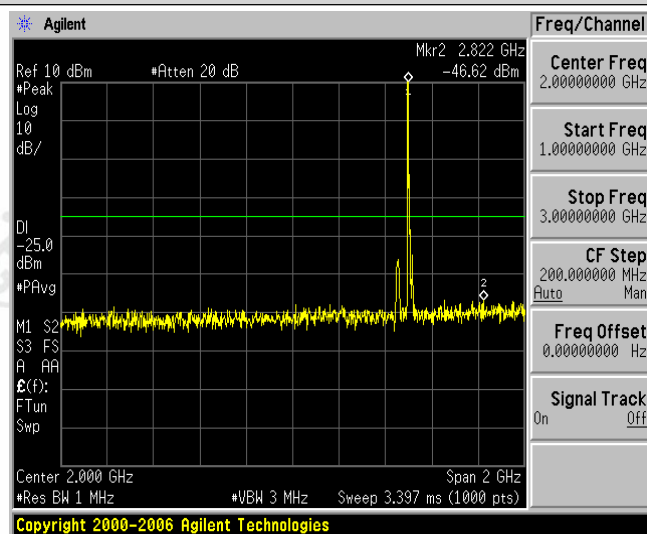
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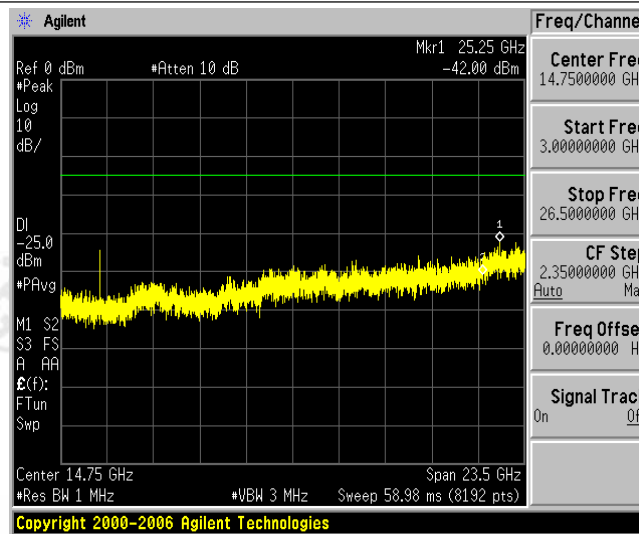
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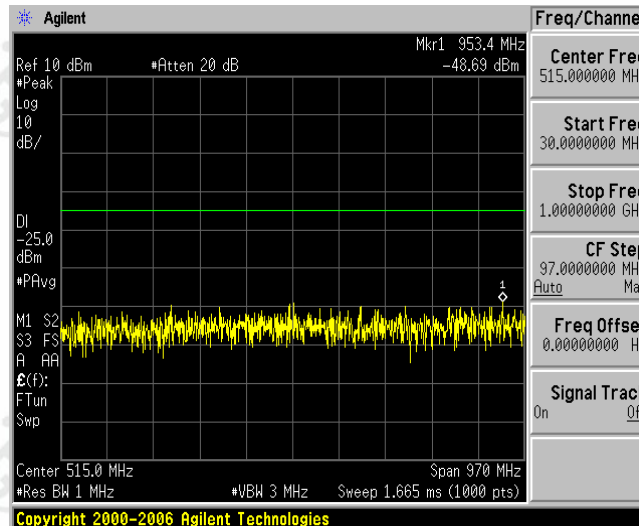
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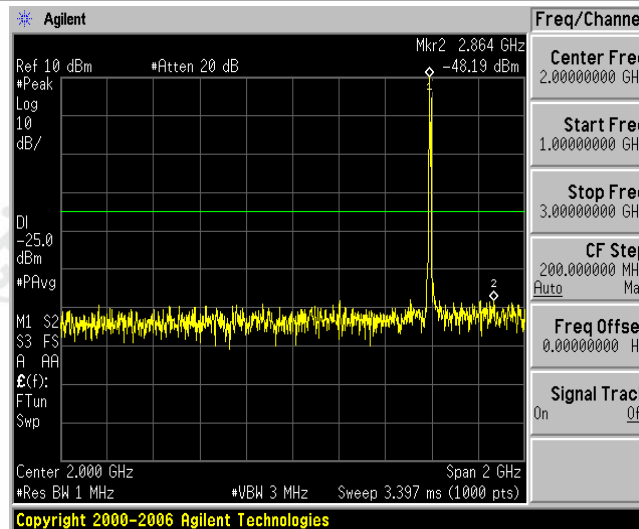
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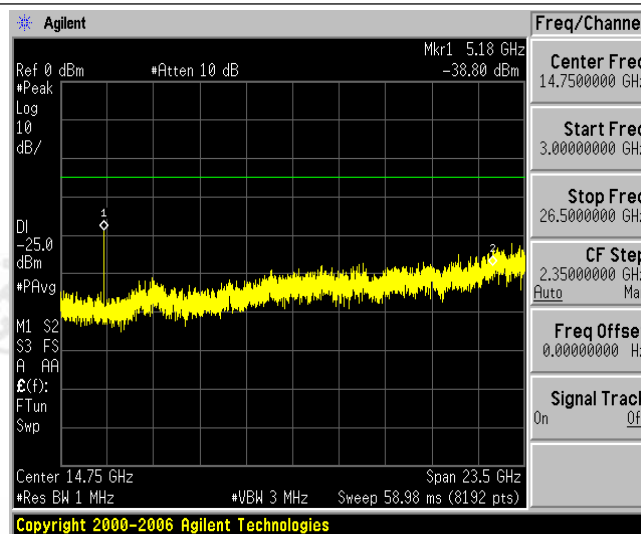
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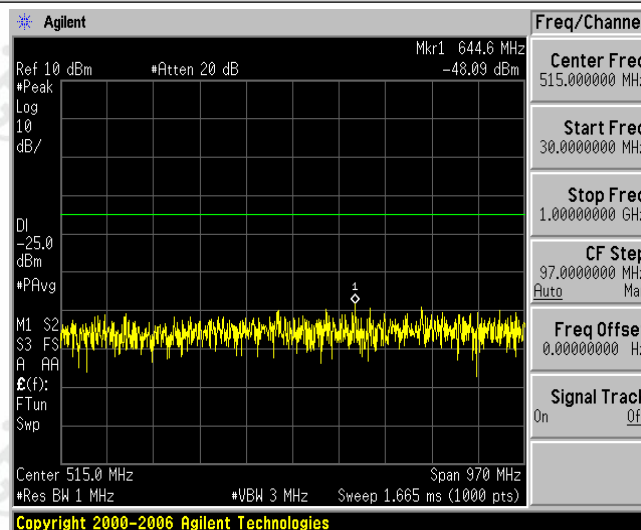
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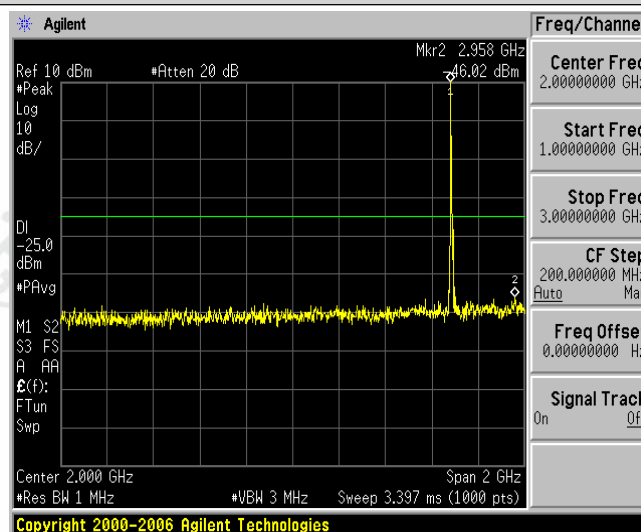
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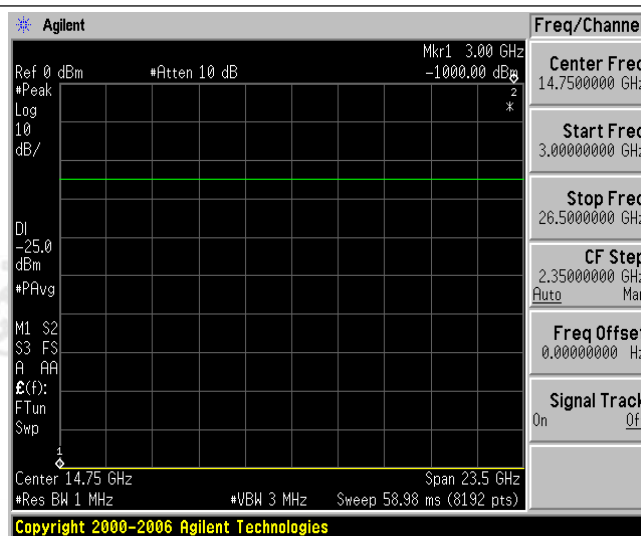
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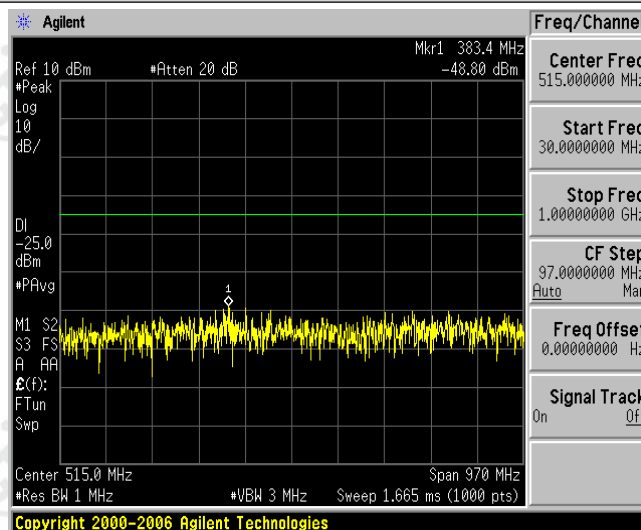
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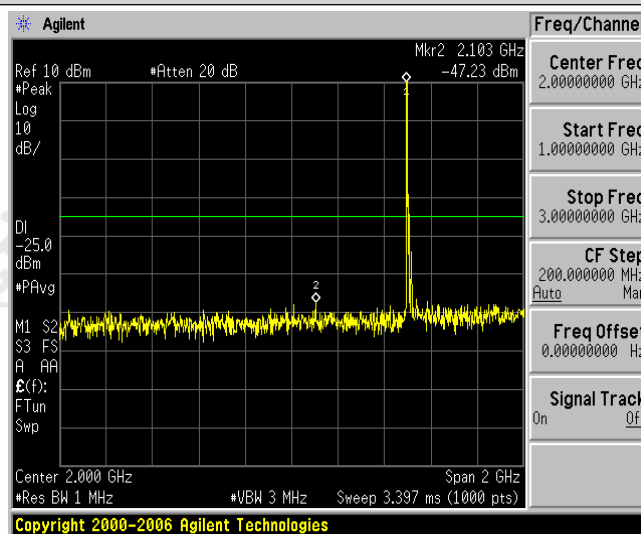
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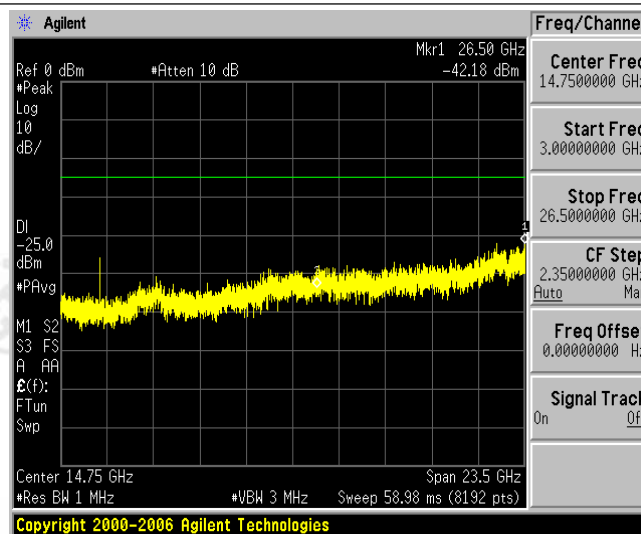
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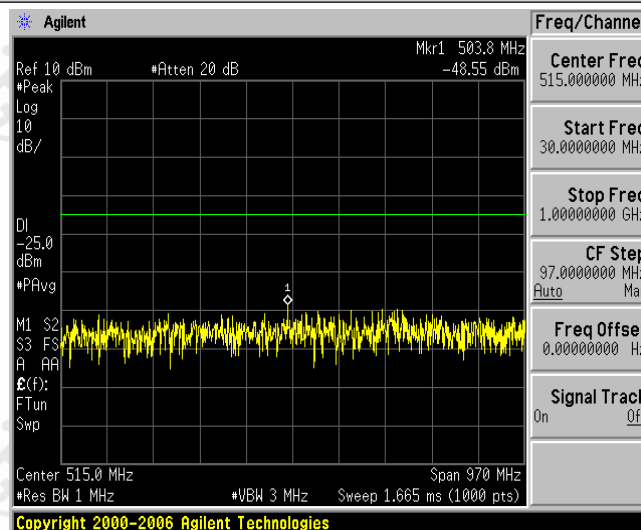
Band41-10MHz-16QAM-39700-1RB#0-Range2:1000~3000MHz



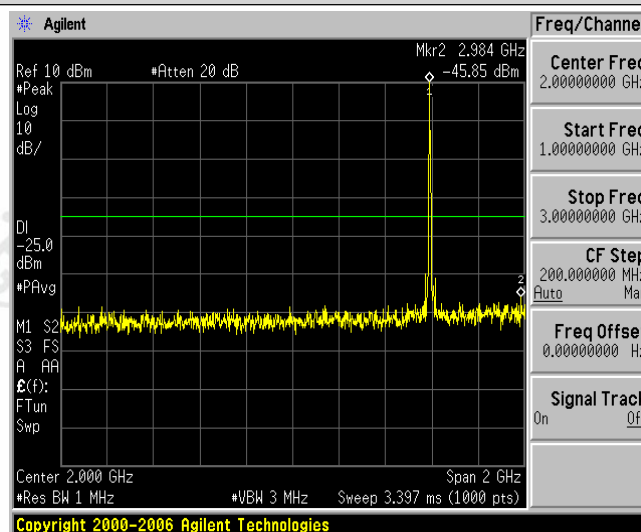
Band41-10MHz-16QAM-39700-1RB#0-Range3:3000~26500MHz



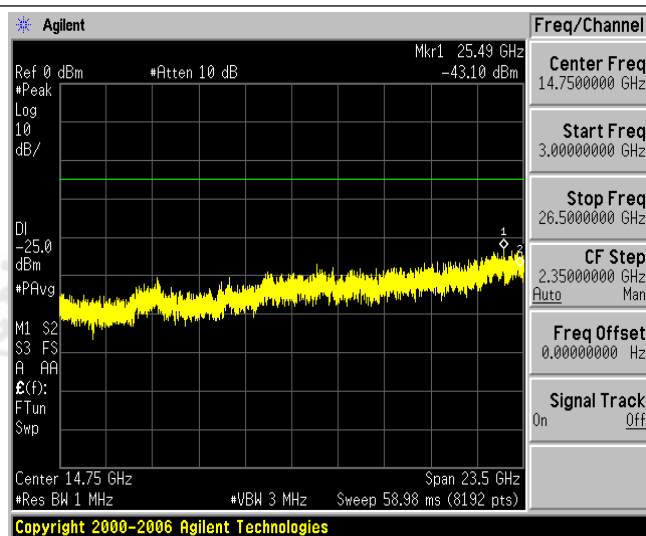
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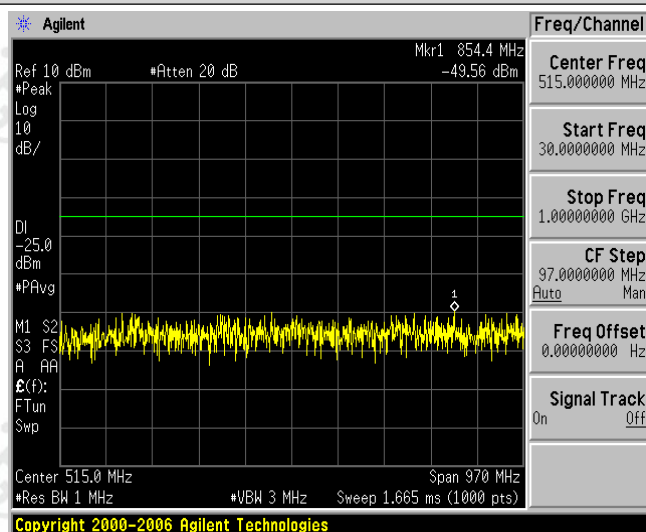
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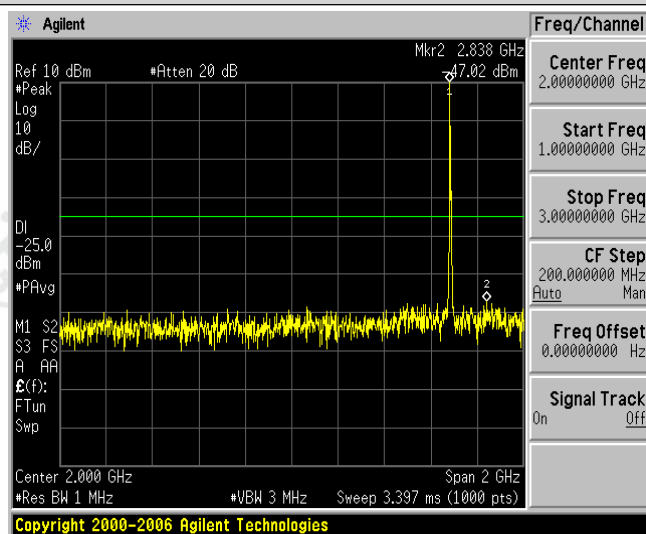
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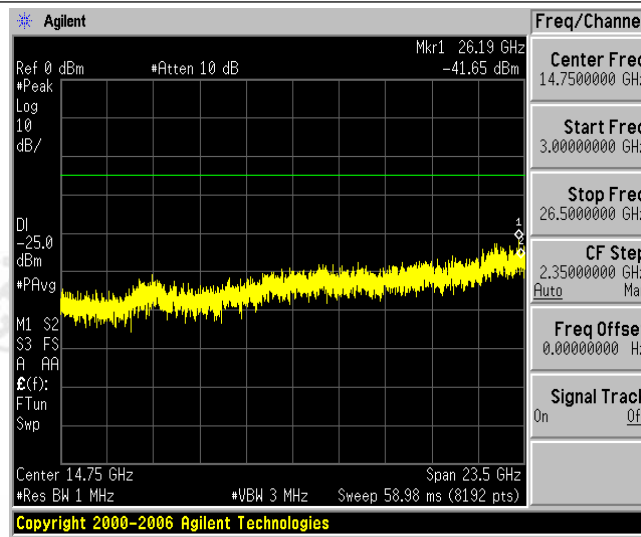
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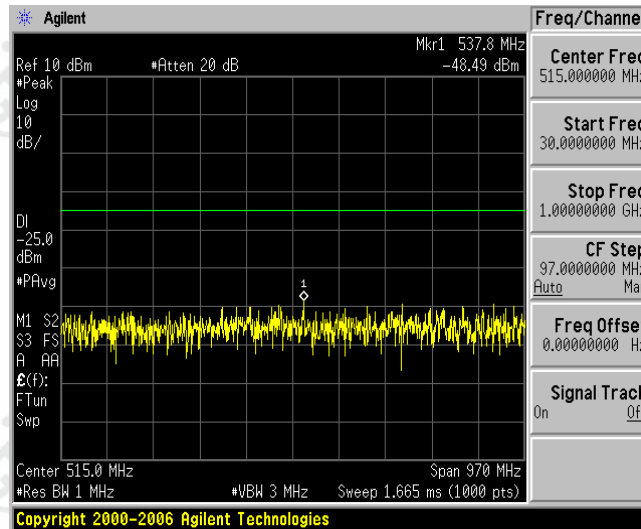
Band41-10MHz-16QAM-41540-1RB#0-Range2:1000~3000MHz



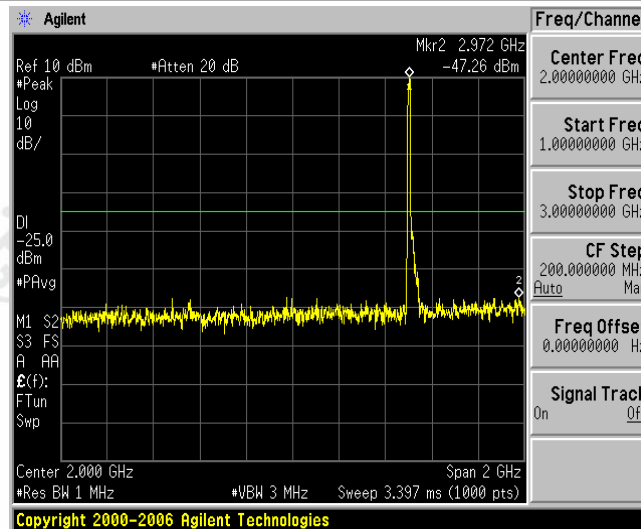
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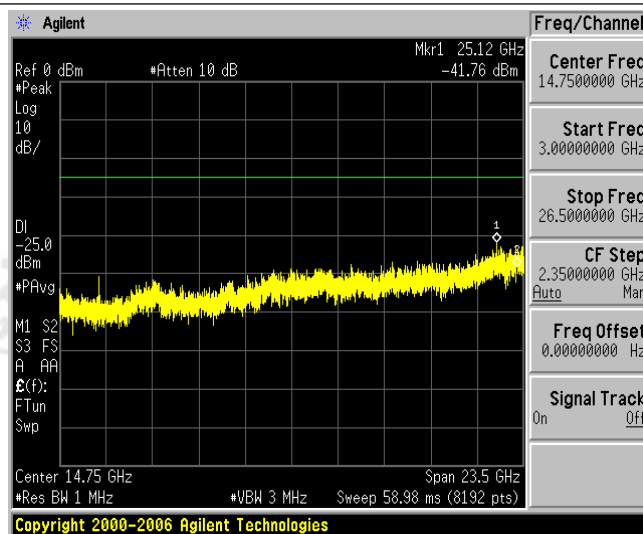
Band41-15MHz-QPSK-39725-1RB#0-Range1:30~1000MHz



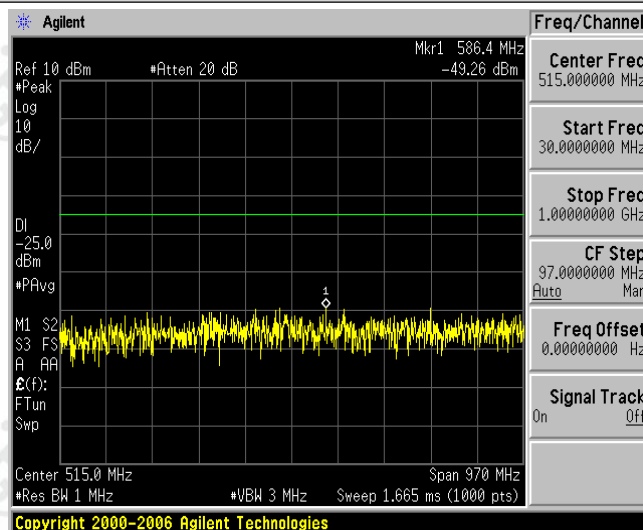
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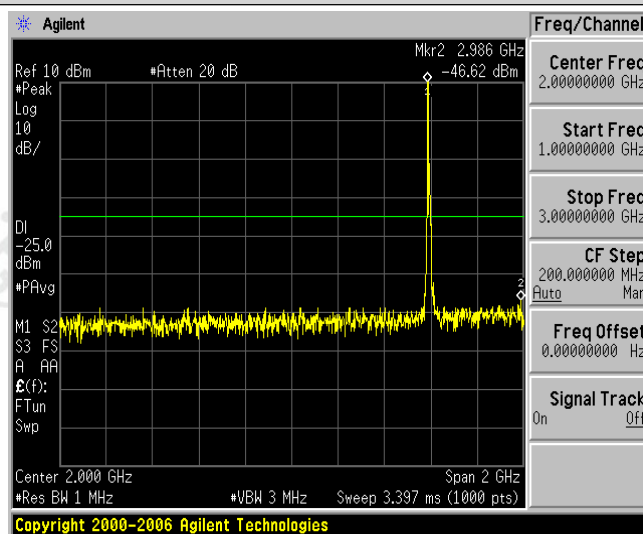
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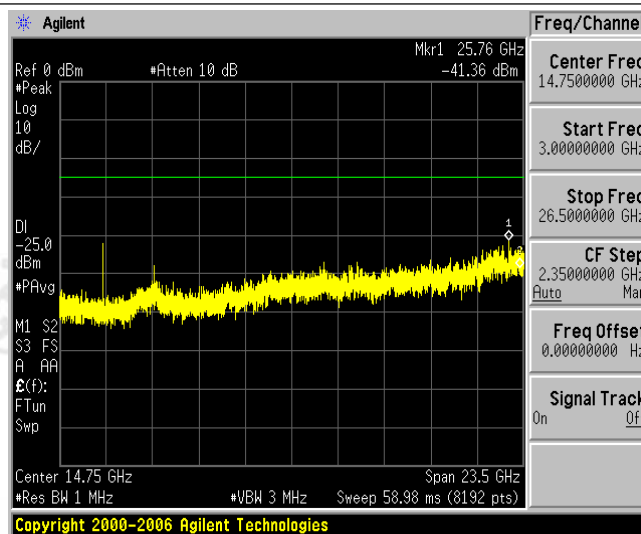
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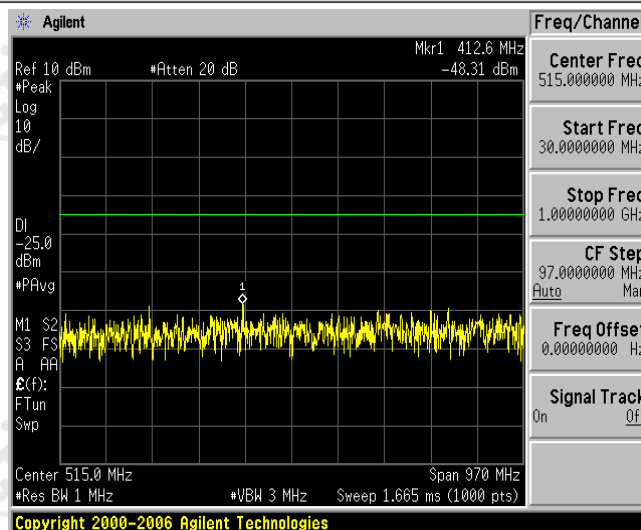
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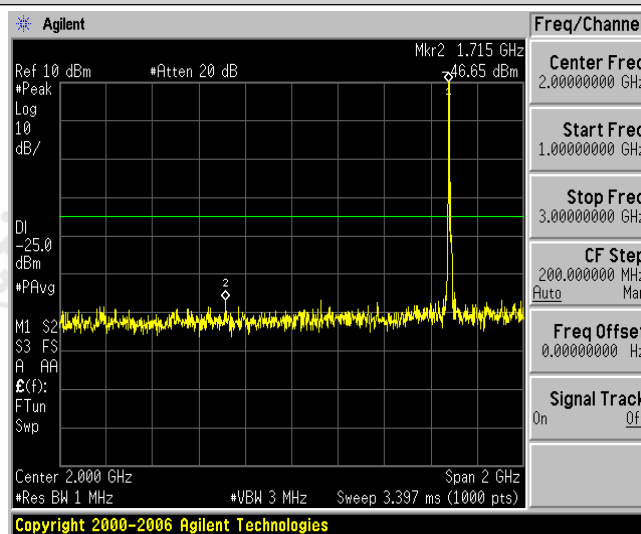
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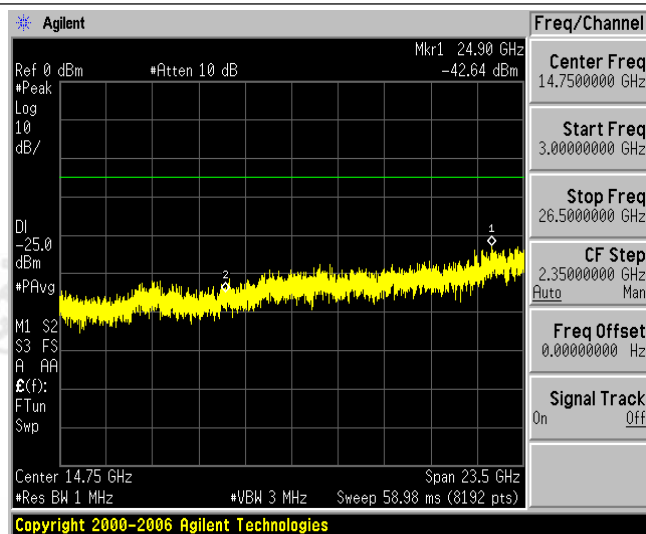
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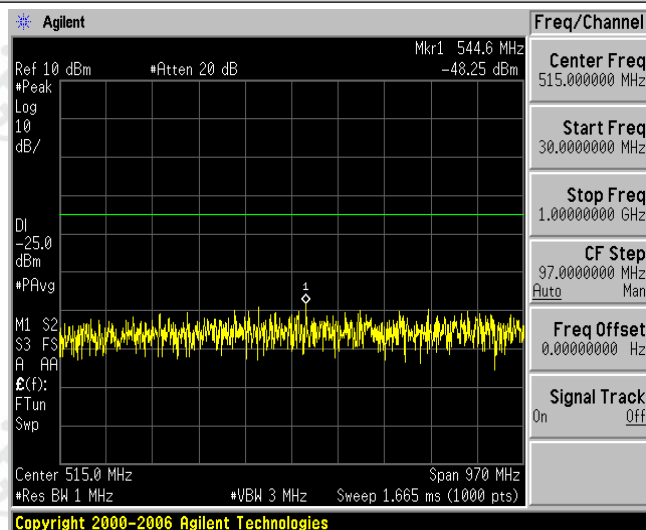
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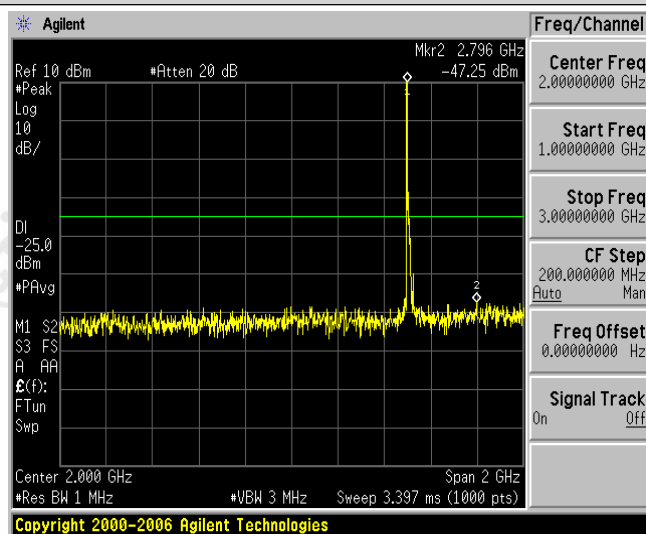
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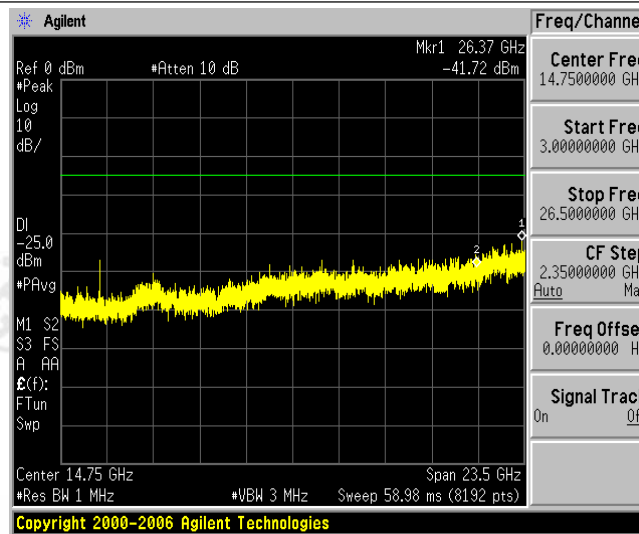
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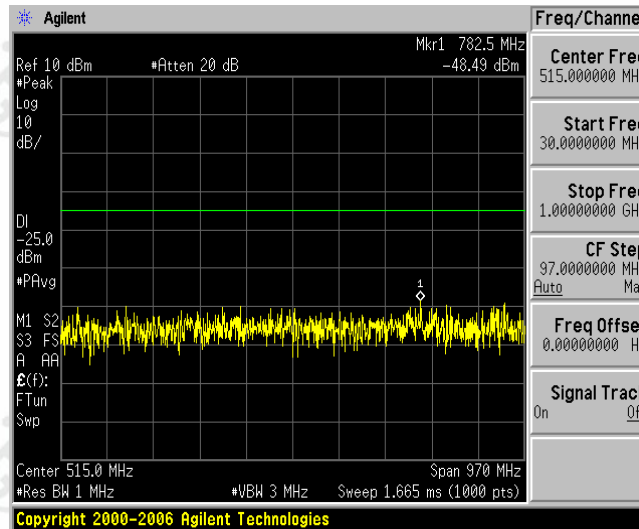
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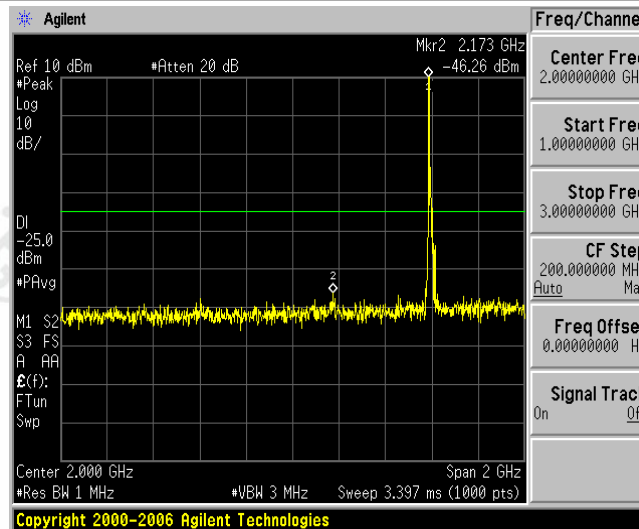
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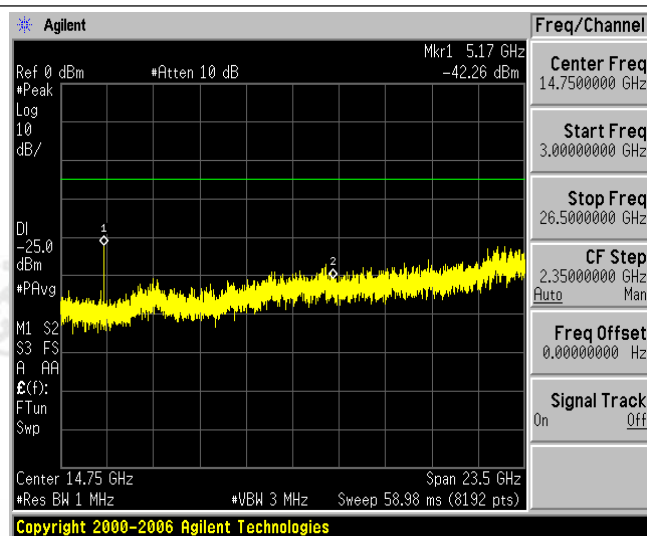
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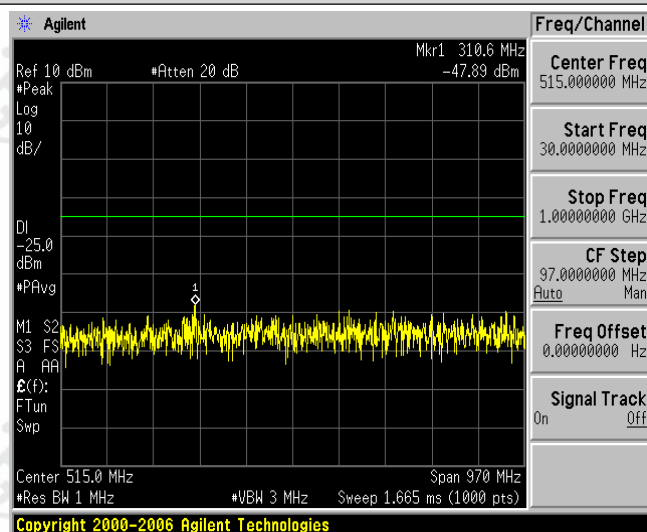
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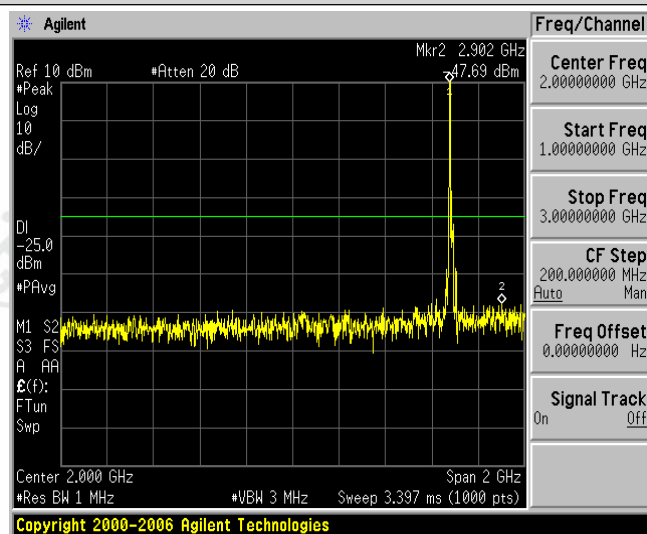
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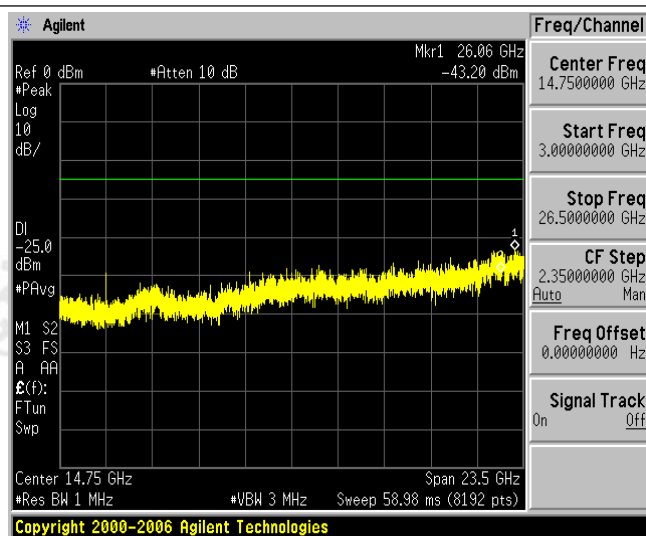
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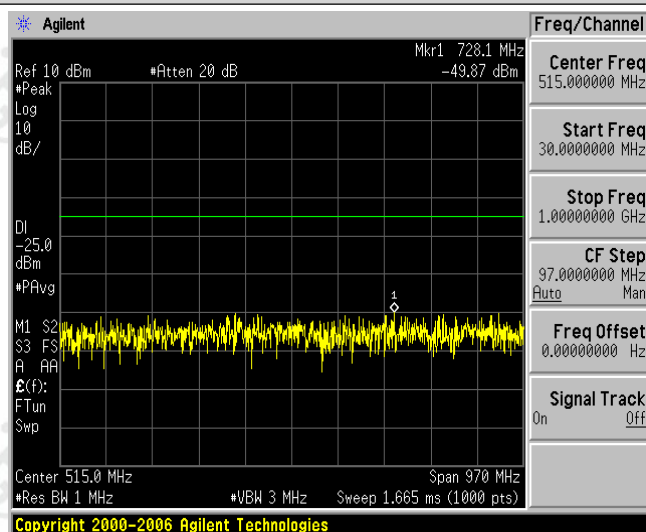
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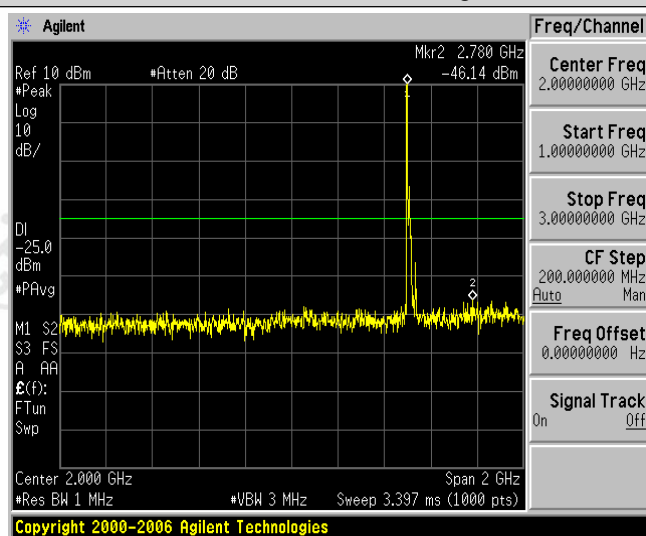
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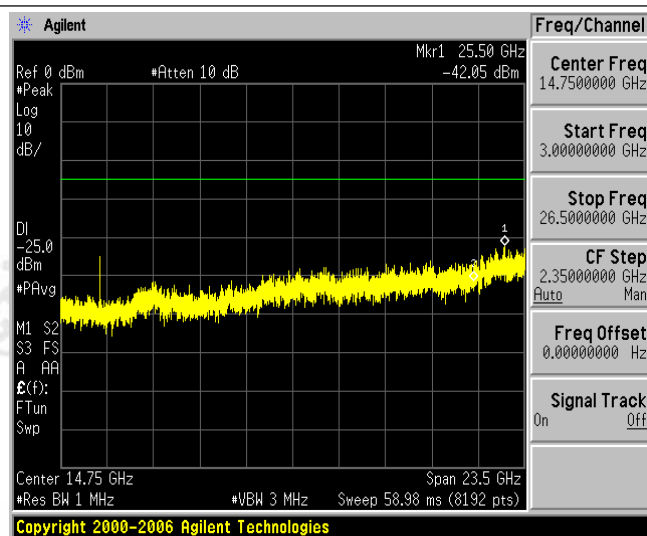
Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz



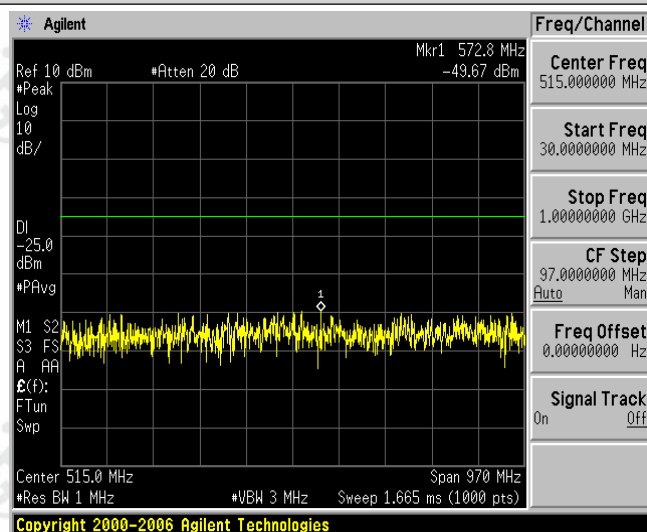
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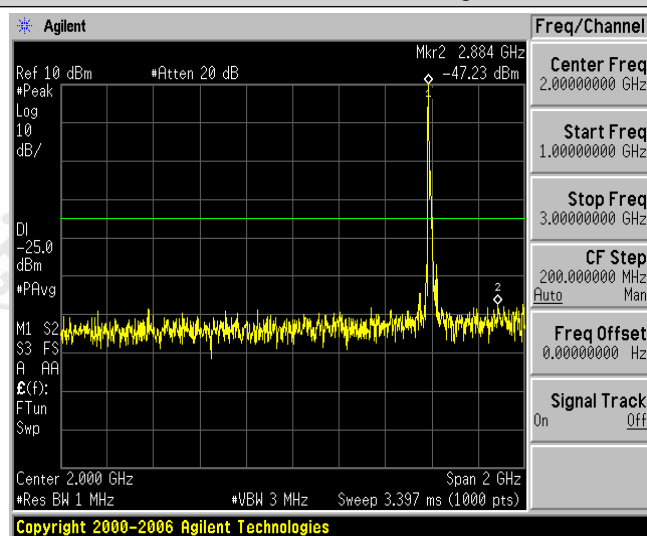
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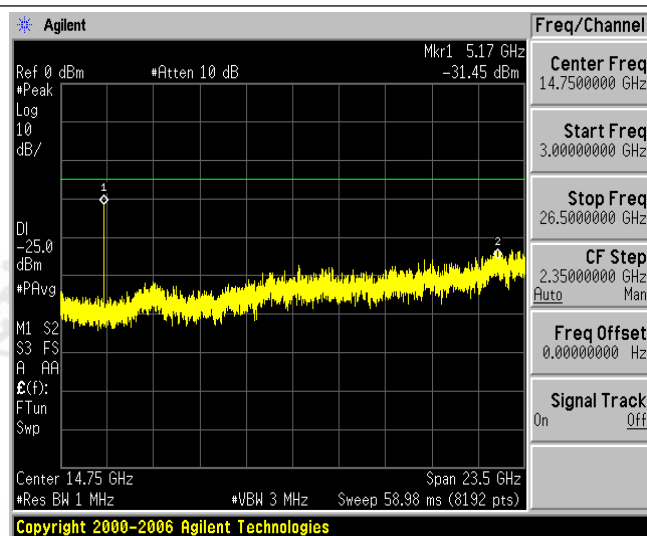
Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



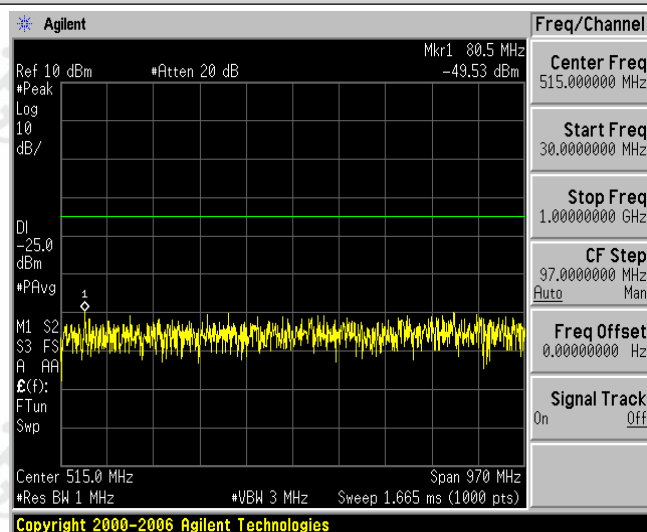
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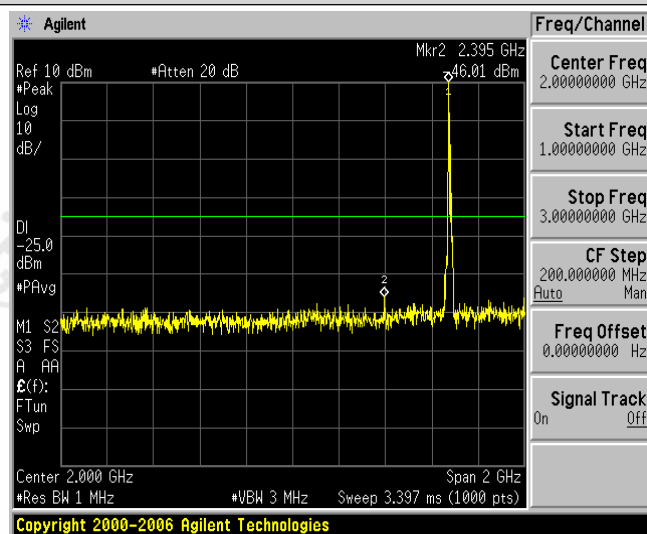
Band41-20MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz



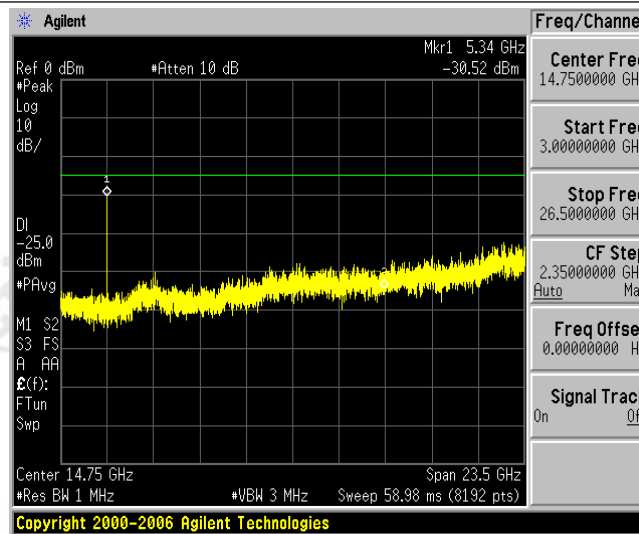
Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz



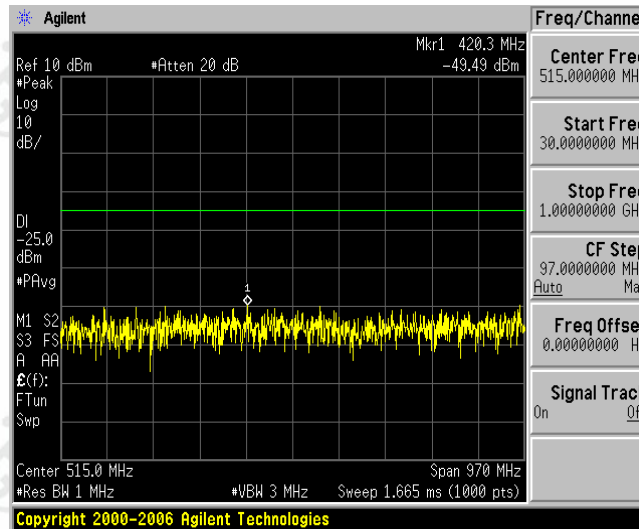
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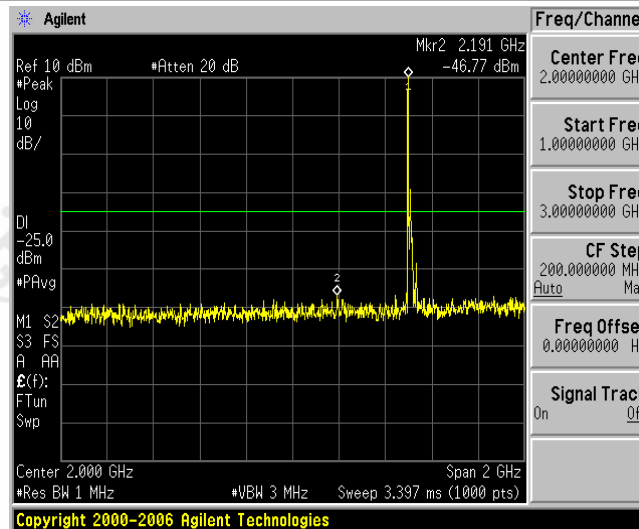
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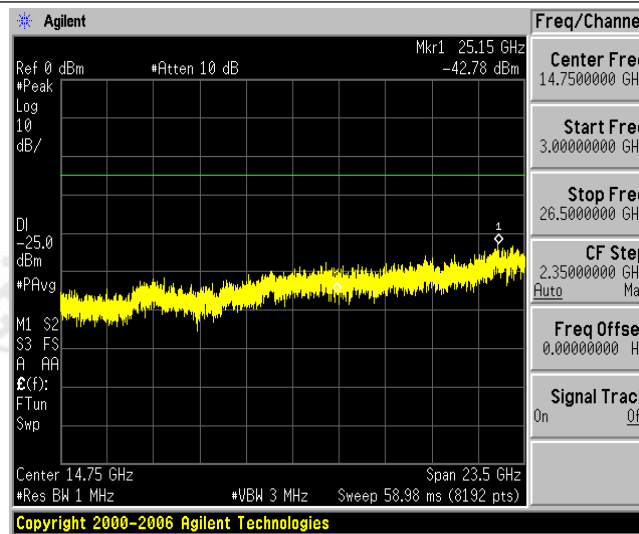
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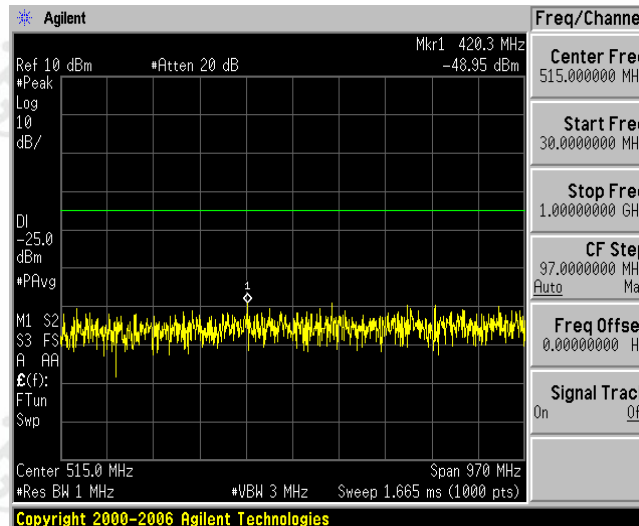
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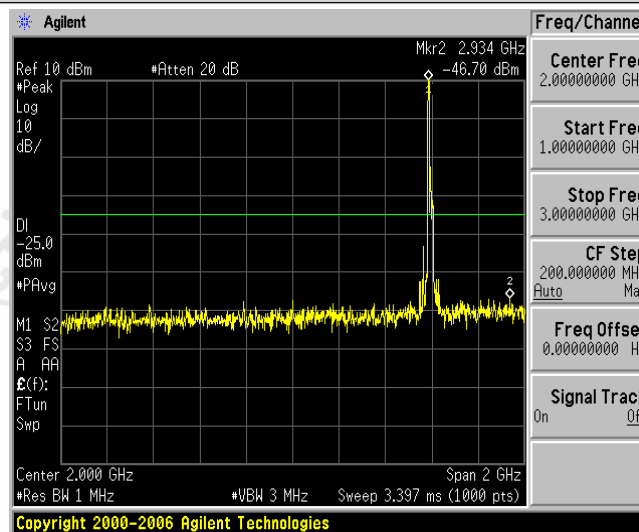
Band41-20MHz-16QAM-39750-1RB#0-Range3:3000~26500MHz



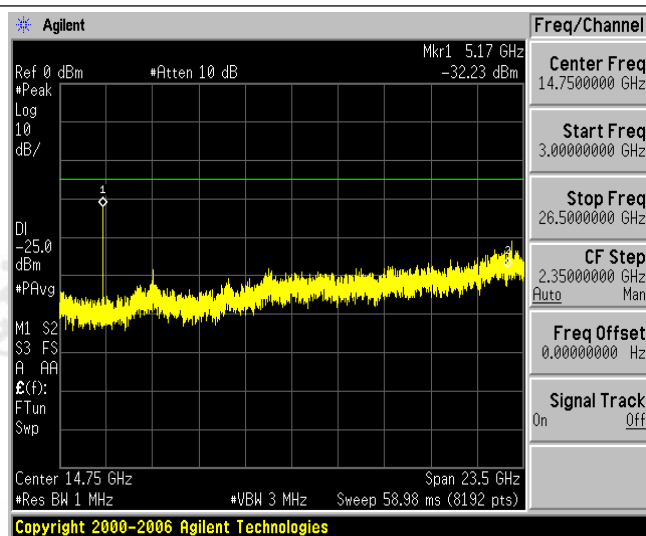
Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



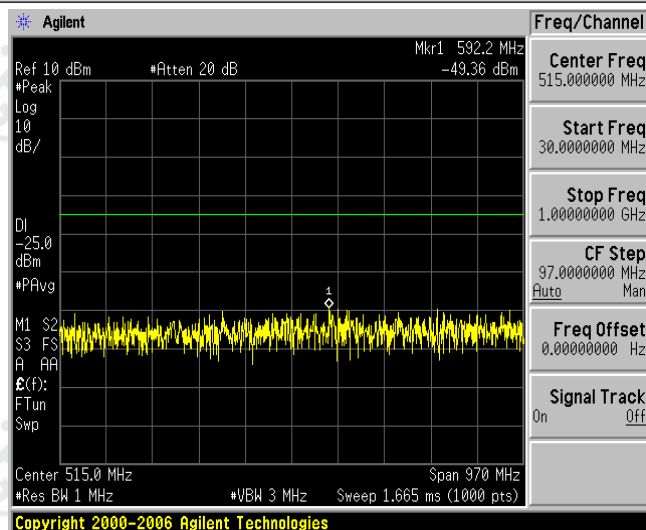
Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



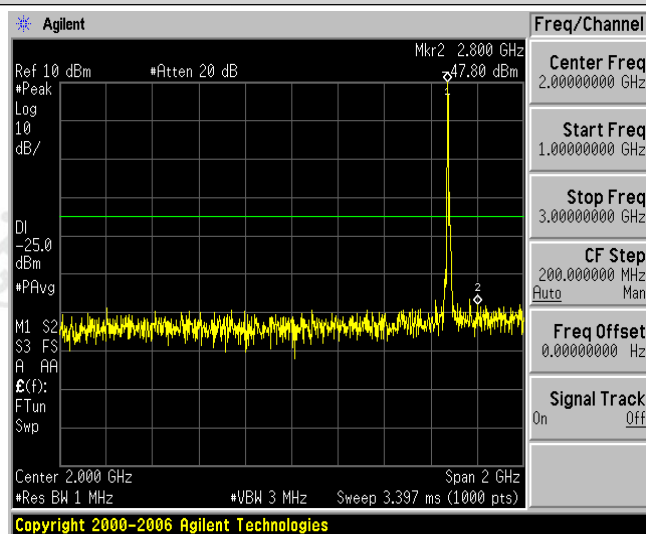
Band41-20MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



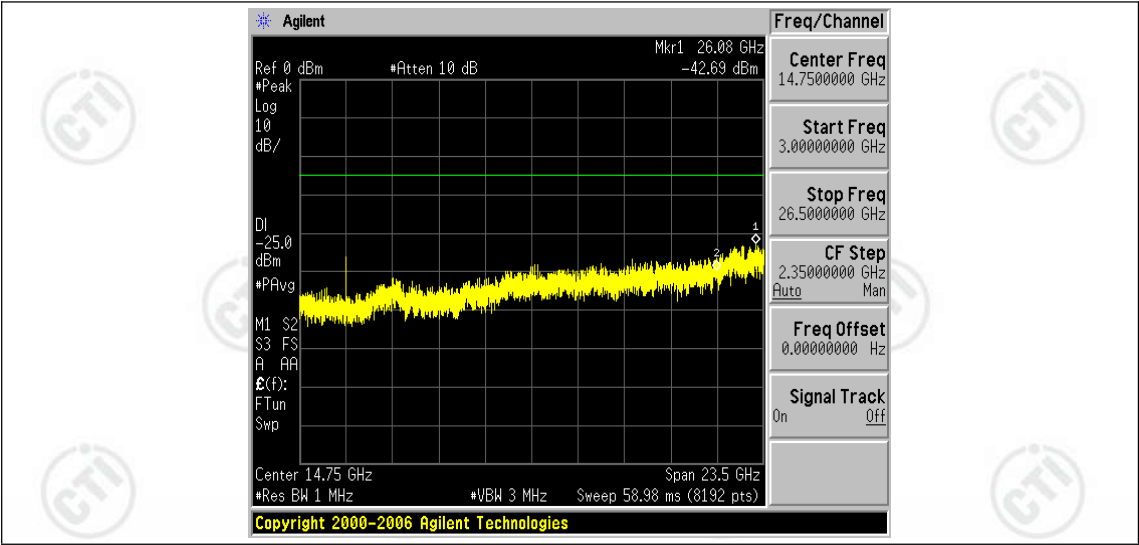
Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~3000MHz



Band41-20MHz-16QAM-41490-1RB#0-Range3:3000~26500MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4 1	5MHz	QPSK	39675	25RB#0	VL	NT	-71.91	-0.028781	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	VN	NT	-37.45	-0.014989	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	VH	NT	-62.40	-0.024975	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	VL	NT	32.80	0.012649	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	VN	NT	-35.65	-0.013749	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	VH	NT	30.78	0.011870	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	VL	NT	-66.00	-0.024558	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	VN	NT	22.09	0.008220	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	VH	NT	-92.08	-0.034262	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	VL	NT	-75.10	-0.030058	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	VN	NT	-75.10	-0.030058	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	VH	NT	-54.49	-0.021809	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	VL	NT	-48.98	-0.018889	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	VN	NT	-72.81	-0.028079	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	VH	NT	-58.69	-0.022634	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	VL	NT	-75.50	-0.028093	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	VN	NT	-64.92	-0.024156	±2.5	PASS

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Band4 1	5MHz	16QAM	41565	25RB#0	VH	NT	-77.18	-0.028718	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	VL	NT	-68.29	-0.027305	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	VN	NT	-49.38	-0.019744	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	VH	NT	-83.40	-0.033347	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	VL	NT	-65.33	-0.025195	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	VN	NT	-77.06	-0.029718	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	VH	NT	-56.35	-0.021732	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VL	NT	-70.64	-0.026309	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VN	NT	-45.26	-0.016857	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VH	NT	-90.04	-0.033534	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	VL	NT	-53.94	-0.021567	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	VN	NT	-57.32	-0.022919	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	VH	NT	-54.80	-0.021911	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	VL	NT	41.28	0.015920	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	VN	NT	-31.06	-0.011978	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	VH	NT	-90.39	-0.034859	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	VL	NT	-104.07	-0.038760	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	VN	NT	-108.68	-0.040477	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	VH	NT	-83.53	-0.031110	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VL	NT	-85.09	-0.033988	±2.5	PASS

Band4 1	15MHz	QPSK	39725	75RB#0	VN	NT	-66.95	-0.026743	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VH	NT	-93.74	-0.037444	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	VL	NT	21.49	0.008288	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	VN	NT	-33.86	-0.013058	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	VH	NT	-62.81	-0.024223	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VL	NT	-55.42	-0.020660	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VN	NT	19.53	0.007281	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VH	NT	-81.77	-0.030483	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	VL	NT	-49.51	-0.019776	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	VN	NT	-57.55	-0.022988	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	VH	NT	-45.23	-0.018067	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	VL	NT	44.37	0.017111	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	VN	NT	37.82	0.014585	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	VH	NT	-65.43	-0.025233	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	VL	NT	-75.86	-0.028280	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	VN	NT	-82.74	-0.030844	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	VH	NT	-51.66	-0.019258	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	VL	NT	-90.89	-0.036269	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	VN	NT	-86.80	-0.034637	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	VH	NT	-99.79	-0.039820	±2.5	PASS
Band4	20MHz	QPSK	40620	100RB#0	VL	NT	-88.01	-0.033941	±2.5	PASS

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Band4 1	20MHz	QPSK	40620	100RB#0	VN	NT	-71.93	-0.027740	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	VH	NT	-77.73	-0.029977	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	VL	NT	-92.67	-0.034578	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	VN	NT	-77.10	-0.028769	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	VH	NT	-79.89	-0.029810	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	VL	NT	-69.07	-0.027562	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	VN	NT	-87.65	-0.034976	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	VH	NT	-94.91	-0.037873	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	VL	NT	-67.99	-0.026221	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	VN	NT	-107.26	-0.041365	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	VH	NT	-90.62	-0.034948	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	VL	NT	-60.58	-0.022604	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	VN	NT	-95.82	-0.035754	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	VH	NT	-72.24	-0.026955	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4 1	5MHz	QPSK	39675	25RB#0	NV	-30	-77.39	-0.030975	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	-20	-93.34	-0.037358	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	0	-68.01	-0.027220	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	10	-90.59	-0.036258	±2.5	PASS

Band4 1	5MHz	QPSK	39675	25RB#0	NV	20	-64.03	-0.025627	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	-30	39.85	0.015368	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	-20	30.30	0.011685	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	0	32.99	0.012723	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	10	48.35	0.018646	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	20	-73.53	-0.028357	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	-30	-63.10	-0.023479	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	-20	-79.89	-0.029727	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	0	-84.17	-0.031319	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	10	-67.53	-0.025127	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	20	-79.05	-0.029414	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	-30	-55.39	-0.022169	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	-20	-48.94	-0.019588	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	0	-76.43	-0.030590	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	10	-62.76	-0.025119	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	20	-62.76	-0.025119	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	-30	-57.85	-0.022310	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	-20	-47.79	-0.018430	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	0	-32.19	-0.012414	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	10	-30.90	-0.011917	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	20	-31.61	-0.012191	±2.5	PASS

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Band4 1	5MHz	16QAM	41565	25RB#0	NV	-30	-75.46	-0.028078	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	-20	-88.46	-0.032915	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	0	-92.45	-0.034400	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	10	-55.45	-0.020633	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	20	-57.22	-0.021291	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	-30	-82.70	-0.033067	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	-20	-97.00	-0.038784	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	0	-49.47	-0.019780	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	10	-52.83	-0.021124	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	20	-63.27	-0.025298	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	-30	-63.14	-0.024350	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	-20	-40.93	-0.015785	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	0	-28.50	-0.010991	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	10	-42.59	-0.016425	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	20	-39.11	-0.015083	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	-30	-61.58	-0.022935	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	-20	-75.66	-0.028179	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	0	-78.36	-0.029184	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	10	-69.68	-0.025952	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	20	-97.56	-0.036335	±2.5	PASS

Band4 1	10MHz	16QAM	39700	50RB#0	NV	-30	-51.14	-0.020448	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	-20	-34.32	-0.013723	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	0	-33.89	-0.013551	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	10	-39.91	-0.015958	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	20	-43.33	-0.017325	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	-30	-54.62	-0.021064	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	-20	-68.54	-0.026433	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	0	-47.95	-0.018492	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	10	-33.63	-0.012970	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	20	-35.76	-0.013791	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	-30	-81.60	-0.030391	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	-20	-94.11	-0.035050	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	0	-96.83	-0.036063	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	10	-76.30	-0.028417	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	20	-67.45	-0.025121	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	-30	-64.52	-0.025772	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	-20	-70.37	-0.028109	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	0	-73.00	-0.029159	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	10	-87.26	-0.034855	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	20	-36.52	-0.014588	±2.5	PASS
Band4	15MHz	QPSK	40620	75RB#0	NV	-30	-55.17	-0.021277	±2.5	PASS

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Band4 1	15MHz	QPSK	40620	75RB#0	NV	-20	-49.87	-0.019233	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	0	-37.57	-0.014489	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	10	-23.02	-0.008878	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	20	-12.50	-0.004821	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	-30	-90.12	-0.033596	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	-20	-99.06	-0.036928	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	0	-53.01	-0.019761	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	10	-60.27	-0.022468	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	20	-74.77	-0.027873	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	-30	-43.07	-0.017204	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	-20	-31.23	-0.012475	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	0	-25.56	-0.010210	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	10	-28.87	-0.011532	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	20	44.45	0.017755	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	-30	-55.49	-0.021400	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	-20	-42.96	-0.016568	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	0	-54.32	-0.020949	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	10	-36.08	-0.013914	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	20	-24.73	-0.009537	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	-30	-67.33	-0.025100	±2.5	PASS

Band4 1	15MHz	16QAM	41515	75RB#0	NV	-20	-72.63	-0.027075	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	0	-60.35	-0.022498	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	10	-56.42	-0.021033	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	20	-59.72	-0.022263	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	-30	-80.91	-0.032287	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	-20	-77.23	-0.030818	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	0	-100.26	-0.040008	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	10	-66.25	-0.026437	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	20	-100.54	-0.040120	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	-30	-74.84	-0.028862	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	-20	-71.43	-0.027547	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	0	-72.74	-0.028052	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	10	-62.46	-0.024088	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	20	-69.84	-0.026934	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-30	-101.68	-0.037940	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-20	-70.70	-0.026381	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	0	-90.42	-0.033739	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	10	-96.12	-0.035866	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	20	-97.69	-0.036451	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	-30	-81.20	-0.032402	±2.5	PASS
Band4	20MHz	16QAM	39750	100RB#0	NV	-20	-73.96	-0.029513	±2.5	PASS

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Band4 1	20MHz	16QAM	39750	100RB#0	NV	0	-74.44	-0.029705	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	10	-77.51	-0.030930	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	20	-97.70	-0.038986	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	-30	-86.09	-0.033201	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	-20	-88.09	-0.033972	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	0	-66.35	-0.025588	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	10	-73.63	-0.028396	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	20	-89.92	-0.034678	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	-30	-62.18	-0.023201	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	-20	-62.40	-0.023284	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	0	-80.44	-0.030015	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	10	-78.48	-0.029284	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	20	-51.50	-0.019216	±2.5	PASS

END OF REPORT