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Appendix for LTE Band 41

Applicant: HONGKONG UCLOUDLINK NETWORK TECHNOLOGY LIMITED

Address: Suite 603, 6/F, Laws Commercial Plaza, 788 Cheung Sha Wan Road, Kowloon, Hong Kong

Product Name: 4G LTE Wireless Router

Model: GLMR21A02

FCC ID: 2AC88-GLMR21A02

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1 Summary of Test Results Data and Graph

1.1. Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	24.29	PASS
Band41	5MHz	QPSK	39675	1RB#12	24.24	PASS
Band41	5MHz	QPSK	39675	1RB#24	24.32	PASS
Band41	5MHz	QPSK	39675	12RB#0	23.43	PASS
Band41	5MHz	QPSK	39675	12RB#6	23.33	PASS
Band41	5MHz	QPSK	39675	12RB#13	23.39	PASS
Band41	5MHz	QPSK	39675	25RB#0	23.28	PASS
Band41	5MHz	QPSK	40620	1RB#0	24.08	PASS
Band41	5MHz	QPSK	40620	1RB#12	24.14	PASS
Band41	5MHz	QPSK	40620	1RB#24	24.04	PASS
Band41	5MHz	QPSK	40620	12RB#0	23.21	PASS
Band41	5MHz	QPSK	40620	12RB#6	23.21	PASS
Band41	5MHz	QPSK	40620	12RB#13	23.21	PASS
Band41	5MHz	QPSK	40620	25RB#0	23.22	PASS
Band41	5MHz	QPSK	41565	1RB#0	25.19	PASS
Band41	5MHz	QPSK	41565	1RB#12	25.02	PASS
Band41	5MHz	QPSK	41565	1RB#24	24.76	PASS
Band41	5MHz	QPSK	41565	12RB#0	23.94	PASS
Band41	5MHz	QPSK	41565	12RB#6	23.96	PASS
Band41	5MHz	QPSK	41565	12RB#13	24.12	PASS
Band41	5MHz	QPSK	41565	25RB#0	23.98	PASS
Band41	5MHz	16QAM	39675	1RB#0	23.06	PASS
Band41	5MHz	16QAM	39675	1RB#12	23.32	PASS
Band41	5MHz	16QAM	39675	1RB#24	23.42	PASS
Band41	5MHz	16QAM	39675	12RB#0	22.32	PASS
Band41	5MHz	16QAM	39675	12RB#6	22.40	PASS
Band41	5MHz	16QAM	39675	12RB#13	22.36	PASS
Band41	5MHz	16QAM	39675	25RB#0	22.38	PASS
Band41	5MHz	16QAM	40620	1RB#0	23.36	PASS
Band41	5MHz	16QAM	40620	1RB#12	23.11	PASS
Band41	5MHz	16QAM	40620	1RB#24	23.12	PASS
Band41	5MHz	16QAM	40620	12RB#0	22.16	PASS
Band41	5MHz	16QAM	40620	12RB#6	22.16	PASS

Band41	5MHz	16QAM	40620	12RB#13	21.96	PASS
Band41	5MHz	16QAM	40620	25RB#0	22.18	PASS
Band41	5MHz	16QAM	41565	1RB#0	24.15	PASS
Band41	5MHz	16QAM	41565	1RB#12	24.49	PASS
Band41	5MHz	16QAM	41565	1RB#24	24.25	PASS
Band41	5MHz	16QAM	41565	12RB#0	22.91	PASS
Band41	5MHz	16QAM	41565	12RB#6	22.83	PASS
Band41	5MHz	16QAM	41565	12RB#13	23.09	PASS
Band41	5MHz	16QAM	41565	25RB#0	22.98	PASS
Band41	10MHz	QPSK	39700	1RB#0	24.27	PASS
Band41	10MHz	QPSK	39700	1RB#24	24.57	PASS
Band41	10MHz	QPSK	39700	1RB#49	24.32	PASS
Band41	10MHz	QPSK	39700	25RB#0	23.66	PASS
Band41	10MHz	QPSK	39700	25RB#12	23.60	PASS
Band41	10MHz	QPSK	39700	25RB#25	23.48	PASS
Band41	10MHz	QPSK	39700	50RB#0	23.49	PASS
Band41	10MHz	QPSK	40620	1RB#0	24.32	PASS
Band41	10MHz	QPSK	40620	1RB#24	24.39	PASS
Band41	10MHz	QPSK	40620	1RB#49	24.24	PASS
Band41	10MHz	QPSK	40620	25RB#0	23.40	PASS
Band41	10MHz	QPSK	40620	25RB#12	23.33	PASS
Band41	10MHz	QPSK	40620	25RB#25	23.35	PASS
Band41	10MHz	QPSK	40620	50RB#0	23.35	PASS
Band41	10MHz	QPSK	41540	1RB#0	24.61	PASS
Band41	10MHz	QPSK	41540	1RB#24	24.93	PASS
Band41	10MHz	QPSK	41540	1RB#49	24.84	PASS
Band41	10MHz	QPSK	41540	25RB#0	23.92	PASS
Band41	10MHz	QPSK	41540	25RB#12	23.81	PASS
Band41	10MHz	QPSK	41540	25RB#25	24.05	PASS
Band41	10MHz	QPSK	41540	50RB#0	23.89	PASS
Band41	10MHz	16QAM	39700	1RB#0	23.12	PASS
Band41	10MHz	16QAM	39700	1RB#24	23.83	PASS
Band41	10MHz	16QAM	39700	1RB#49	23.25	PASS
Band41	10MHz	16QAM	39700	25RB#0	22.69	PASS
Band41	10MHz	16QAM	39700	25RB#12	22.69	PASS
Band41	10MHz	16QAM	39700	25RB#25	22.64	PASS
Band41	10MHz	16QAM	39700	50RB#0	22.41	PASS
Band41	10MHz	16QAM	40620	1RB#0	23.76	PASS

Band41	10MHz	16QAM	40620	1RB#24	23.73	PASS
Band41	10MHz	16QAM	40620	1RB#49	23.24	PASS
Band41	10MHz	16QAM	40620	25RB#0	22.37	PASS
Band41	10MHz	16QAM	40620	25RB#12	22.53	PASS
Band41	10MHz	16QAM	40620	25RB#25	22.37	PASS
Band41	10MHz	16QAM	40620	50RB#0	22.35	PASS
Band41	10MHz	16QAM	41540	1RB#0	23.66	PASS
Band41	10MHz	16QAM	41540	1RB#24	23.92	PASS
Band41	10MHz	16QAM	41540	1RB#49	23.94	PASS
Band41	10MHz	16QAM	41540	25RB#0	22.84	PASS
Band41	10MHz	16QAM	41540	25RB#12	22.82	PASS
Band41	10MHz	16QAM	41540	25RB#25	22.89	PASS
Band41	10MHz	16QAM	41540	50RB#0	23.02	PASS
Band41	15MHz	QPSK	39725	1RB#0	24.38	PASS
Band41	15MHz	QPSK	39725	1RB#38	24.73	PASS
Band41	15MHz	QPSK	39725	1RB#74	25.09	PASS
Band41	15MHz	QPSK	39725	38RB#0	23.44	PASS
Band41	15MHz	QPSK	39725	38RB#18	24.03	PASS
Band41	15MHz	QPSK	39725	38RB#37	24.06	PASS
Band41	15MHz	QPSK	39725	75RB#0	23.81	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.96	PASS
Band41	15MHz	QPSK	40620	1RB#38	24.14	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.79	PASS
Band41	15MHz	QPSK	40620	38RB#0	23.31	PASS
Band41	15MHz	QPSK	40620	38RB#18	23.32	PASS
Band41	15MHz	QPSK	40620	38RB#37	23.12	PASS
Band41	15MHz	QPSK	40620	75RB#0	23.29	PASS
Band41	15MHz	QPSK	41515	1RB#0	25.29	PASS
Band41	15MHz	QPSK	41515	1RB#38	25.43	PASS
Band41	15MHz	QPSK	41515	1RB#74	25.43	PASS
Band41	15MHz	QPSK	41515	38RB#0	25.48	PASS
Band41	15MHz	QPSK	41515	38RB#18	24.83	PASS
Band41	15MHz	QPSK	41515	38RB#37	25.51	PASS
Band41	15MHz	QPSK	41515	75RB#0	24.34	PASS
Band41	15MHz	16QAM	39725	1RB#0	23.22	PASS
Band41	15MHz	16QAM	39725	1RB#38	23.77	PASS
Band41	15MHz	16QAM	39725	1RB#74	24.15	PASS
Band41	15MHz	16QAM	39725	38RB#0	23.45	PASS

Band41	15MHz	16QAM	39725	38RB#18	24.30	PASS
Band41	15MHz	16QAM	39725	38RB#37	23.32	PASS
Band41	15MHz	16QAM	39725	75RB#0	22.55	PASS
Band41	15MHz	16QAM	40620	1RB#0	23.44	PASS
Band41	15MHz	16QAM	40620	1RB#38	23.19	PASS
Band41	15MHz	16QAM	40620	1RB#74	23.14	PASS
Band41	15MHz	16QAM	40620	38RB#0	23.29	PASS
Band41	15MHz	16QAM	40620	38RB#18	23.17	PASS
Band41	15MHz	16QAM	40620	38RB#37	23.11	PASS
Band41	15MHz	16QAM	40620	75RB#0	22.34	PASS
Band41	15MHz	16QAM	41515	1RB#0	24.10	PASS
Band41	15MHz	16QAM	41515	1RB#38	24.52	PASS
Band41	15MHz	16QAM	41515	1RB#74	25.48	PASS
Band41	15MHz	16QAM	41515	38RB#0	24.72	PASS
Band41	15MHz	16QAM	41515	38RB#18	24.84	PASS
Band41	15MHz	16QAM	41515	38RB#37	24.90	PASS
Band41	15MHz	16QAM	41515	75RB#0	23.18	PASS
Band41	20MHz	QPSK	39750	1RB#0	24.15	PASS
Band41	20MHz	QPSK	39750	1RB#49	24.79	PASS
Band41	20MHz	QPSK	39750	1RB#99	24.41	PASS
Band41	20MHz	QPSK	39750	50RB#0	23.47	PASS
Band41	20MHz	QPSK	39750	50RB#25	23.48	PASS
Band41	20MHz	QPSK	39750	50RB#50	23.50	PASS
Band41	20MHz	QPSK	39750	100RB#0	23.45	PASS
Band41	20MHz	QPSK	40620	1RB#0	24.26	PASS
Band41	20MHz	QPSK	40620	1RB#49	24.28	PASS
Band41	20MHz	QPSK	40620	1RB#99	24.22	PASS
Band41	20MHz	QPSK	40620	50RB#0	23.35	PASS
Band41	20MHz	QPSK	40620	50RB#25	23.37	PASS
Band41	20MHz	QPSK	40620	50RB#50	23.39	PASS
Band41	20MHz	QPSK	40620	100RB#0	23.34	PASS
Band41	20MHz	QPSK	41490	1RB#0	24.63	PASS
Band41	20MHz	QPSK	41490	1RB#49	25.06	PASS
Band41	20MHz	QPSK	41490	1RB#99	24.98	PASS
Band41	20MHz	QPSK	41490	50RB#0	23.81	PASS
Band41	20MHz	QPSK	41490	50RB#25	23.89	PASS
Band41	20MHz	QPSK	41490	50RB#50	24.18	PASS
Band41	20MHz	QPSK	41490	100RB#0	23.94	PASS

Band41	20MHz	16QAM	39750	1RB#0	23.76	PASS
Band41	20MHz	16QAM	39750	1RB#49	24.18	PASS
Band41	20MHz	16QAM	39750	1RB#99	23.84	PASS
Band41	20MHz	16QAM	39750	50RB#0	22.47	PASS
Band41	20MHz	16QAM	39750	50RB#25	22.49	PASS
Band41	20MHz	16QAM	39750	50RB#50	22.58	PASS
Band41	20MHz	16QAM	39750	100RB#0	22.44	PASS
Band41	20MHz	16QAM	40620	1RB#0	23.32	PASS
Band41	20MHz	16QAM	40620	1RB#49	23.30	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.98	PASS
Band41	20MHz	16QAM	40620	50RB#0	22.42	PASS
Band41	20MHz	16QAM	40620	50RB#25	22.42	PASS
Band41	20MHz	16QAM	40620	50RB#50	22.34	PASS
Band41	20MHz	16QAM	40620	100RB#0	22.27	PASS
Band41	20MHz	16QAM	41490	1RB#0	24.03	PASS
Band41	20MHz	16QAM	41490	1RB#49	24.36	PASS
Band41	20MHz	16QAM	41490	1RB#99	24.28	PASS
Band41	20MHz	16QAM	41490	50RB#0	22.94	PASS
Band41	20MHz	16QAM	41490	50RB#25	22.94	PASS
Band41	20MHz	16QAM	41490	50RB#50	23.23	PASS
Band41	20MHz	16QAM	41490	100RB#0	22.96	PASS

1.2. Appendix B: Peak-to-Average Ratio(CCDF)

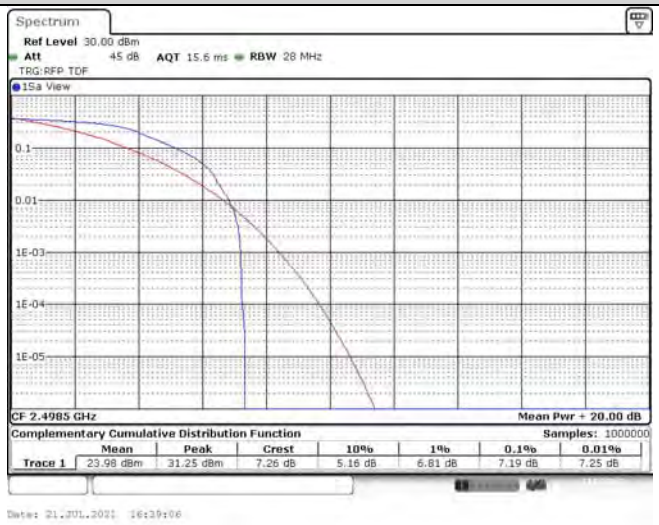
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	7.19	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	7.97	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	7.88	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	8.14	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	6.55	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	7.30	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	8.00	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	9.04	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	8.38	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.01	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	7.28	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	8.67	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	7.22	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.09	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	7.51	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.12	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	6.64	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	7.42	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	8.29	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.01	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	8.58	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.10	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	6.96	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.35	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	5.10	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.10	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	5.10	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.10	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	5.10	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	5.10	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	5.10	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	5.10	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	5.10	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	5.10	13	PASS

Band41	15MHz	16QAM	41515	1RB#0	5.10	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	5.10	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	7.57	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	8.26	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	7.45	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.20	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	7.16	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	7.68	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	7.91	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.22	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	8.35	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.16	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.14	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	8.61	13	PASS

Test Graphs

Band41-5MHz-QPSK-39675-1RB#0



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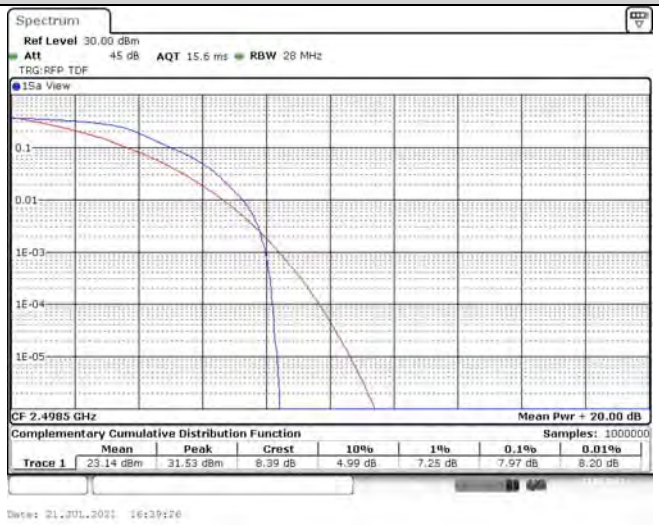

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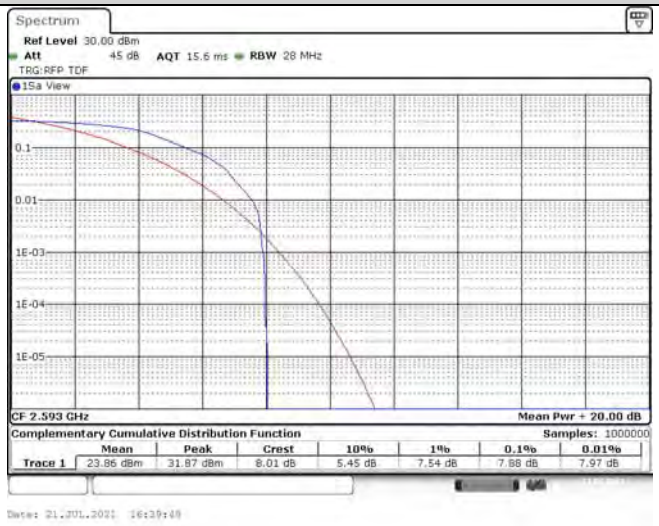

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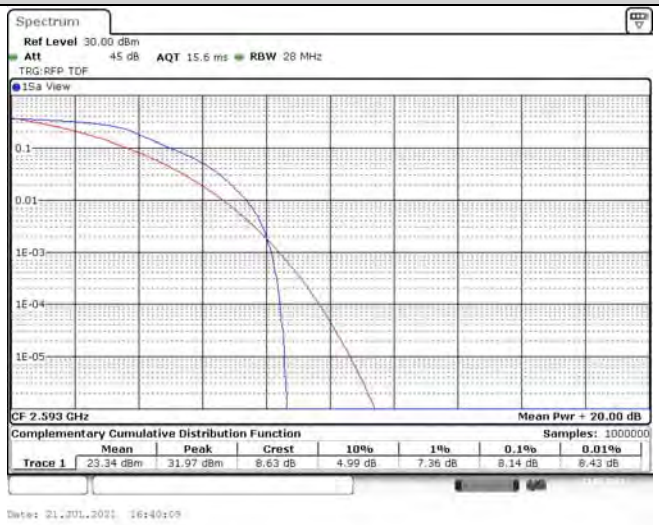

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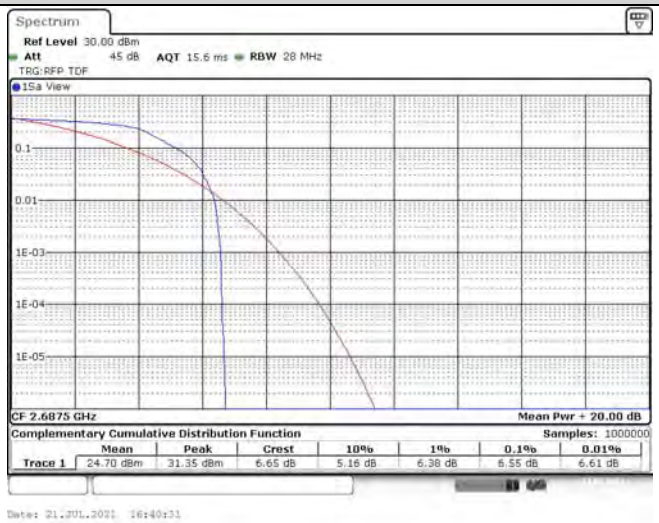

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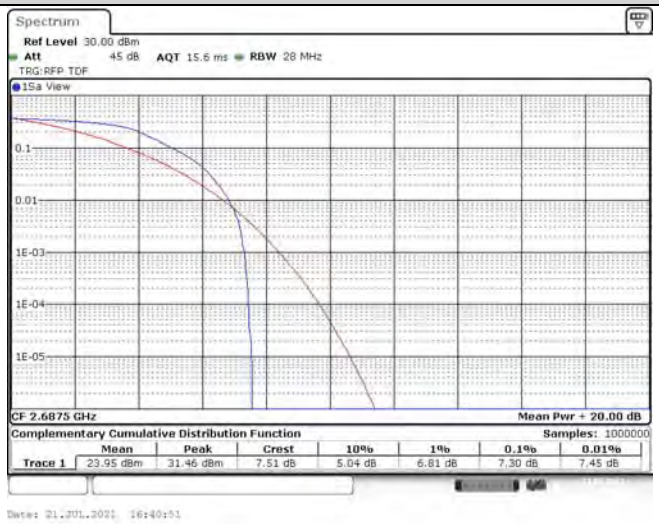
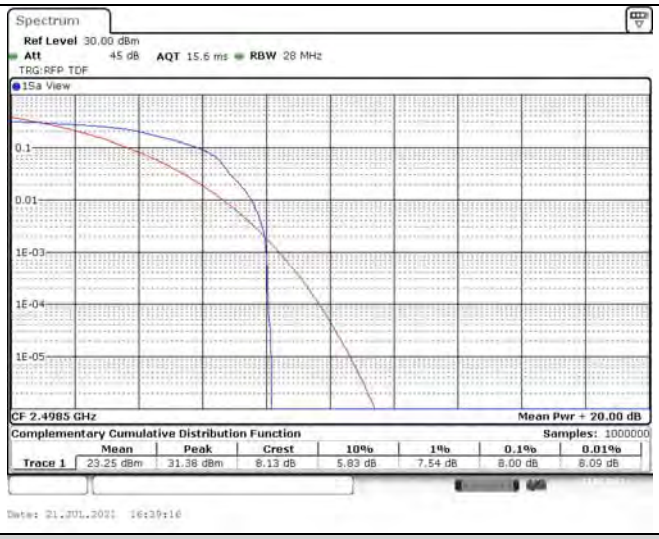


Band41-5MHz-16QAM-39675-1RB#0



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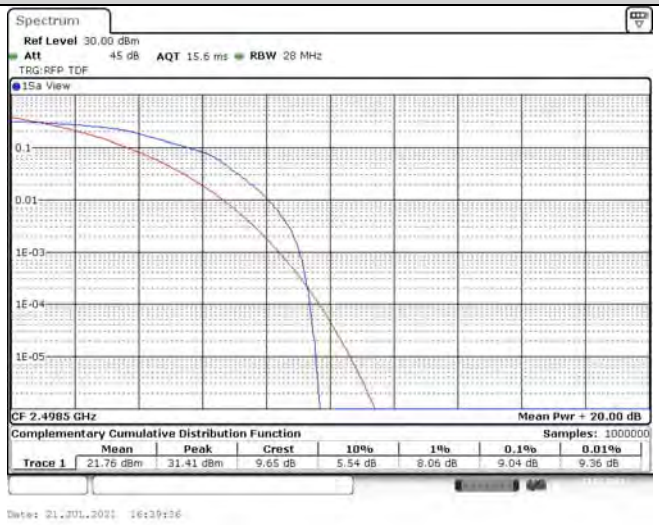

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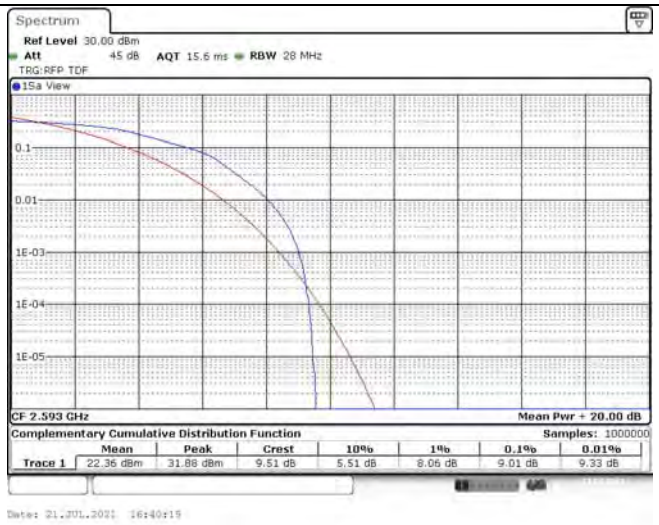

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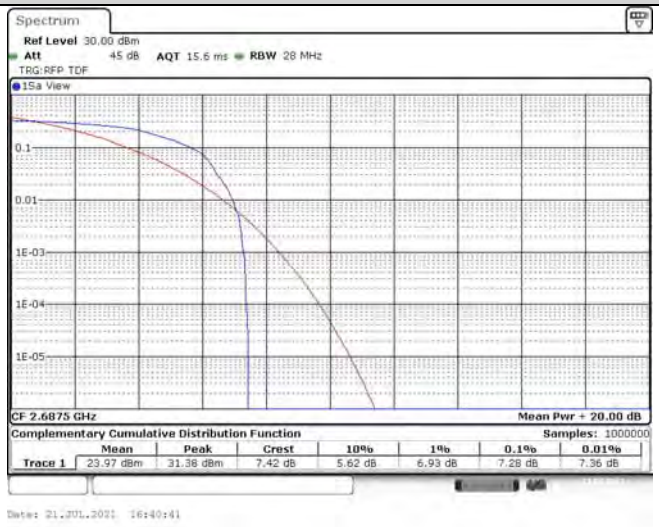

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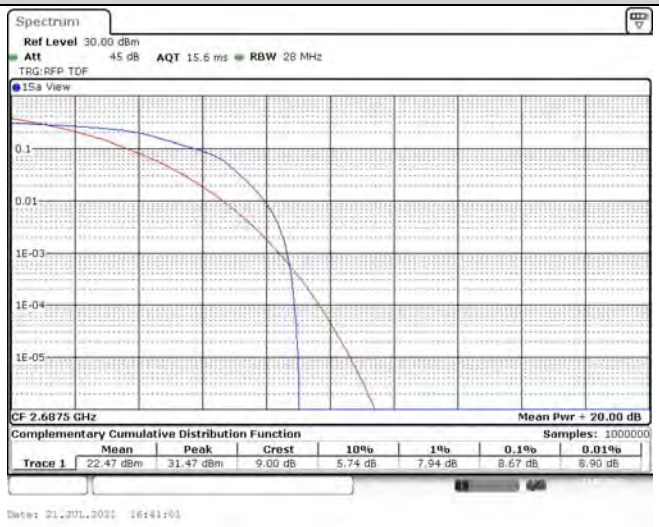

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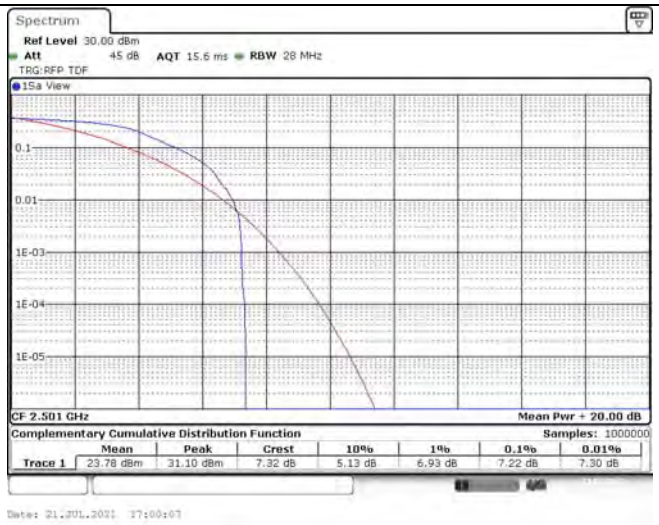

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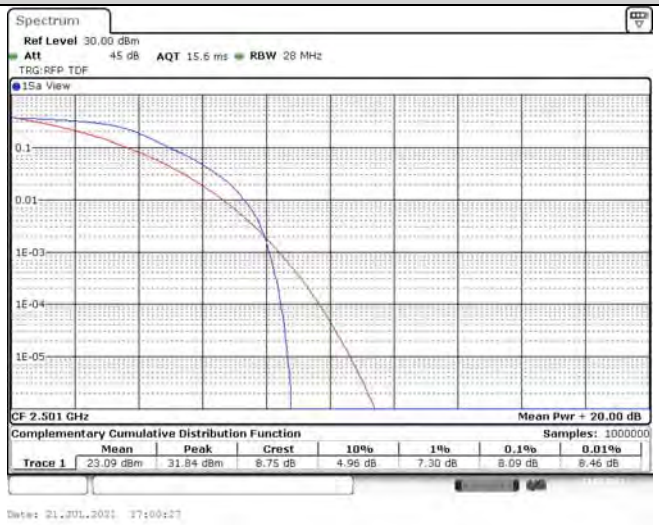

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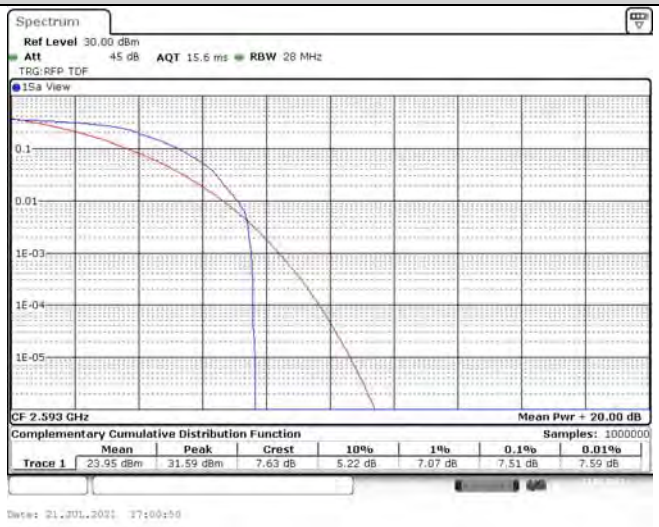
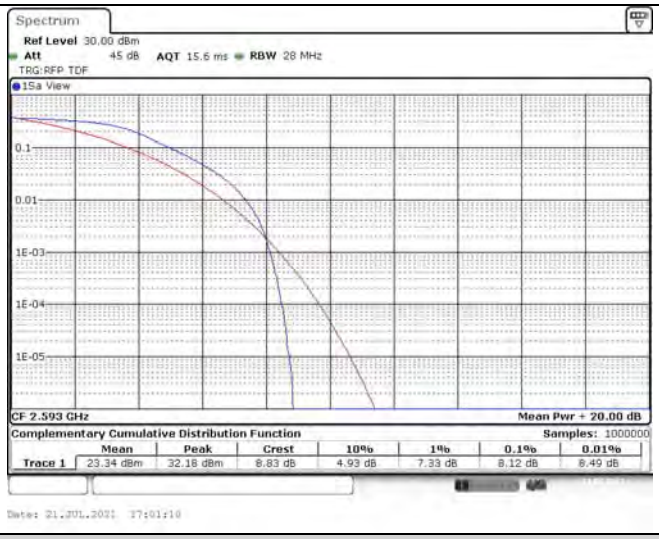


Band41-10MHz-QPSK-40620-50RB#0



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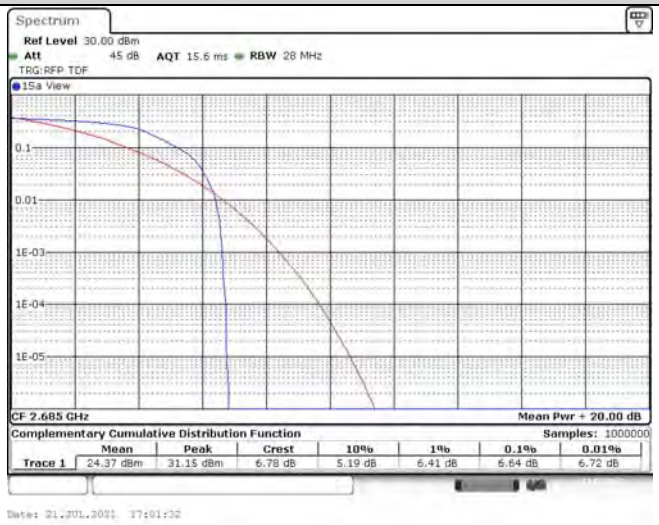

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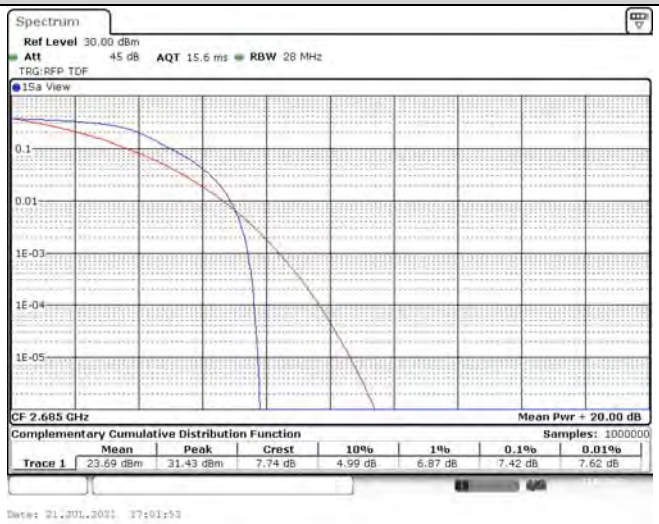

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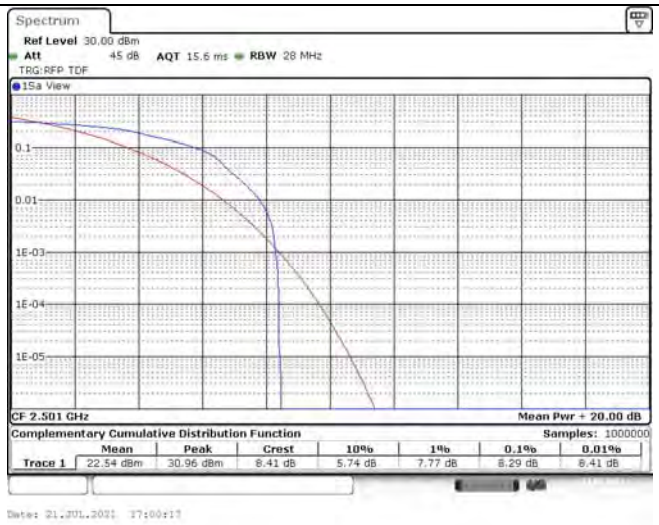

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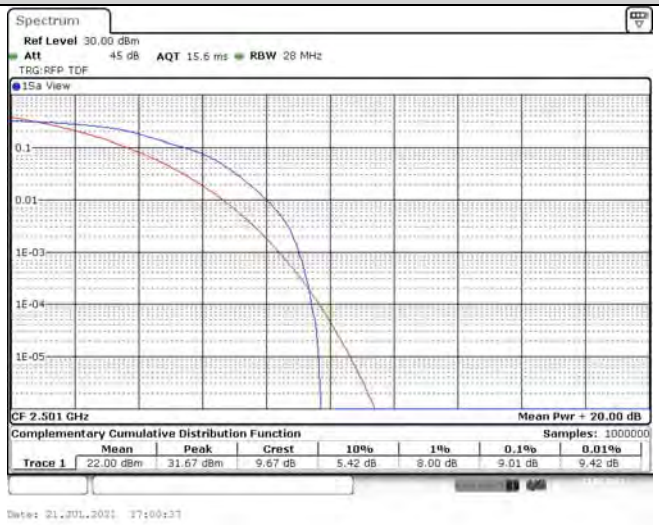

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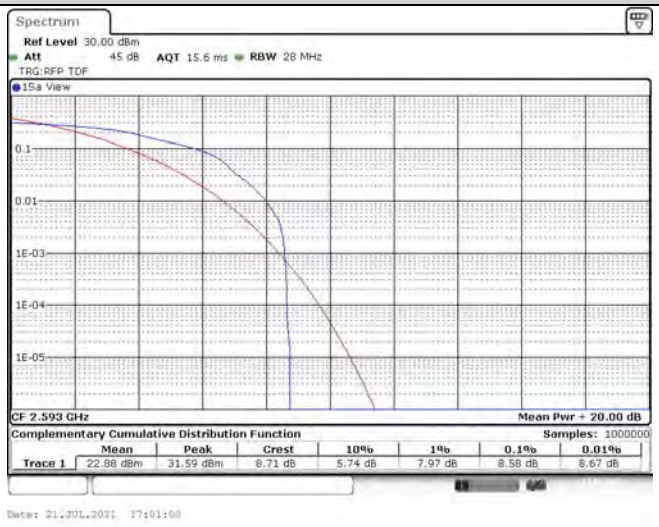

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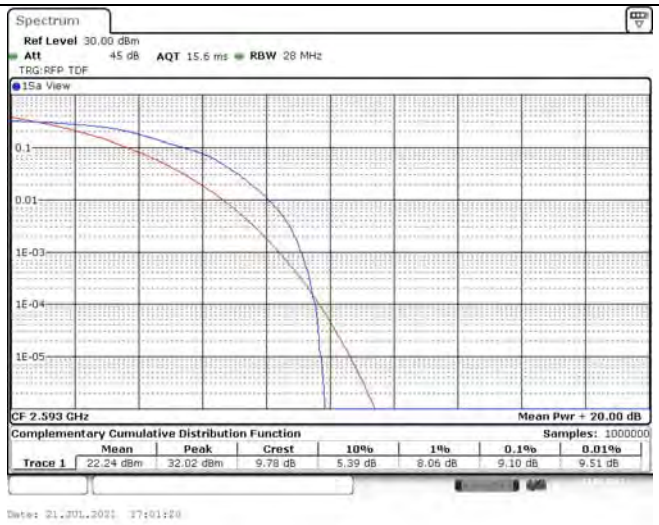

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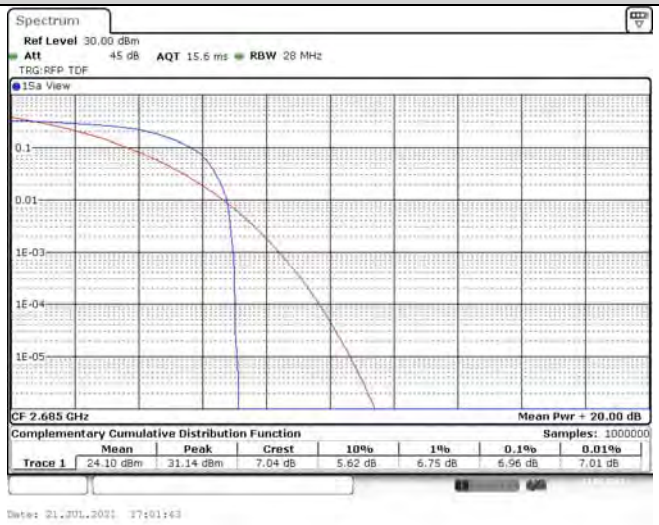

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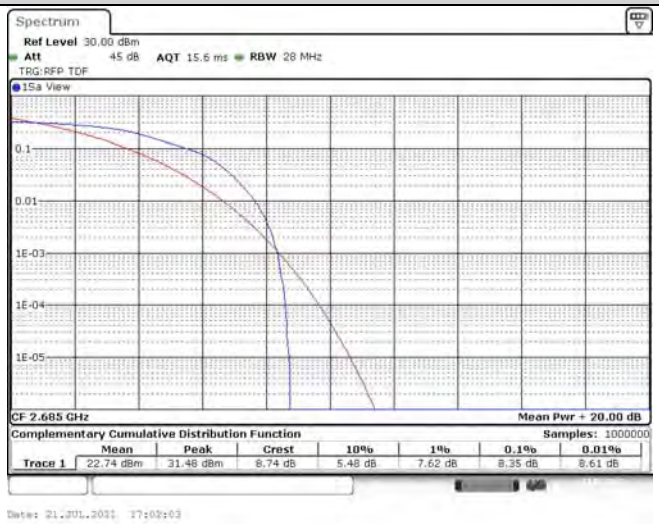

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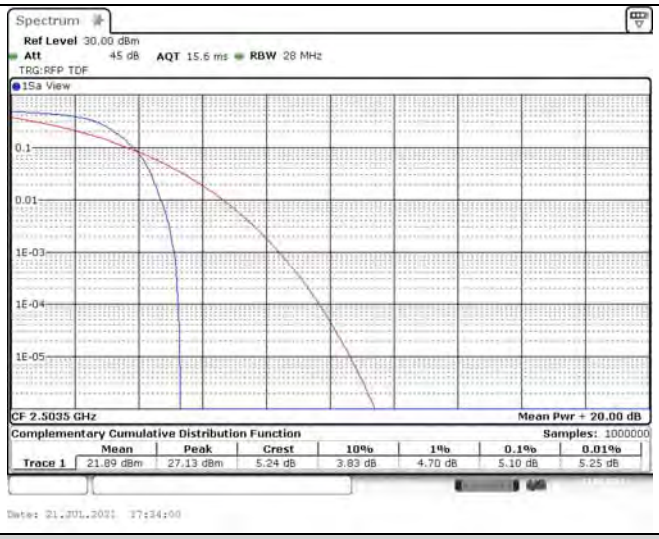

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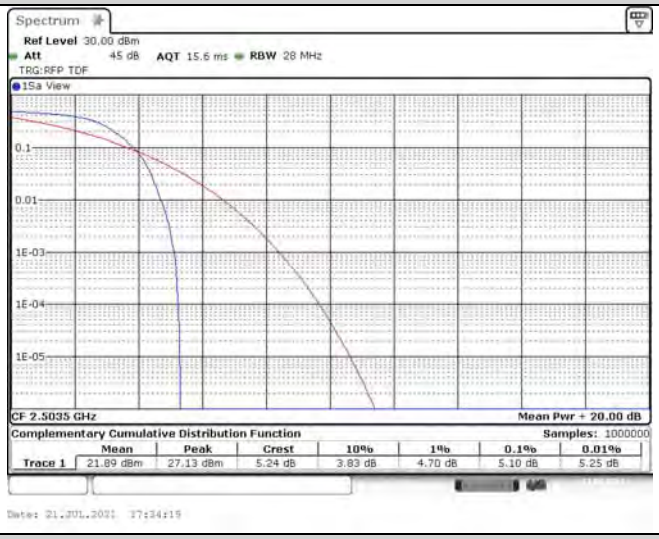

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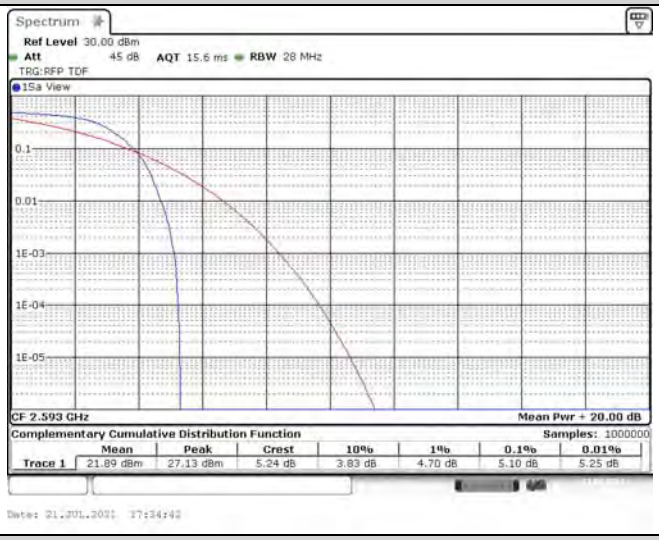

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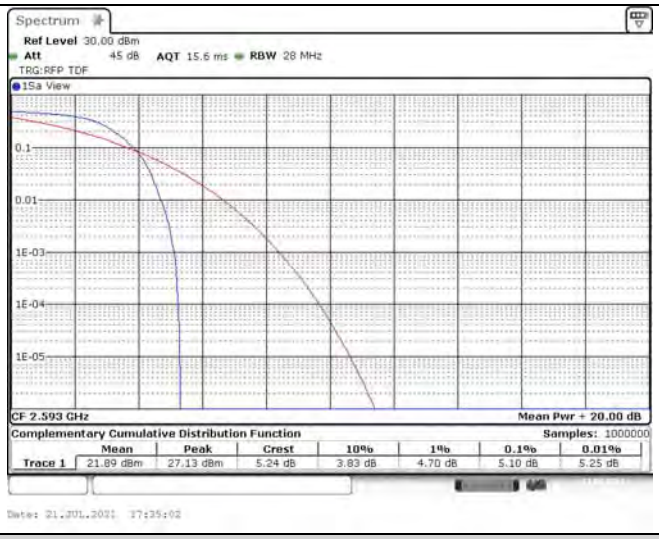

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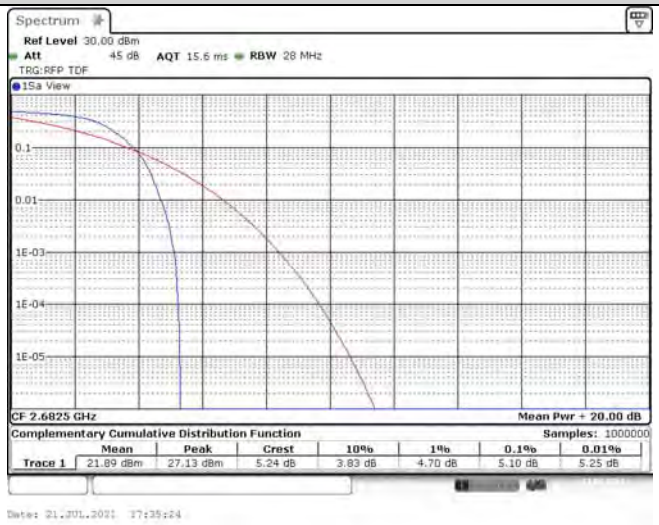

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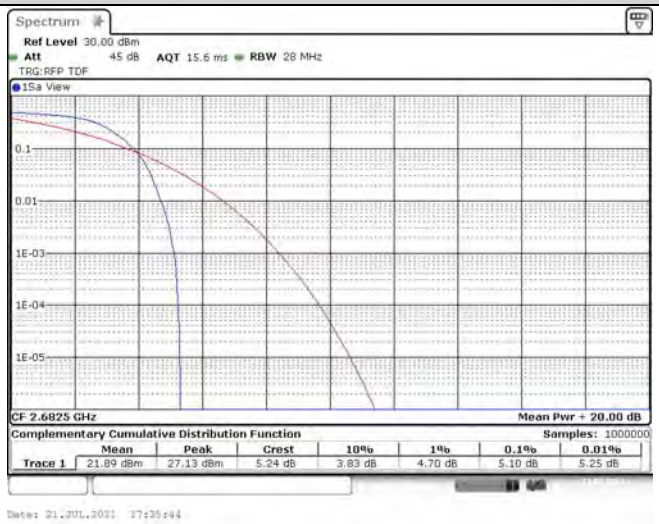

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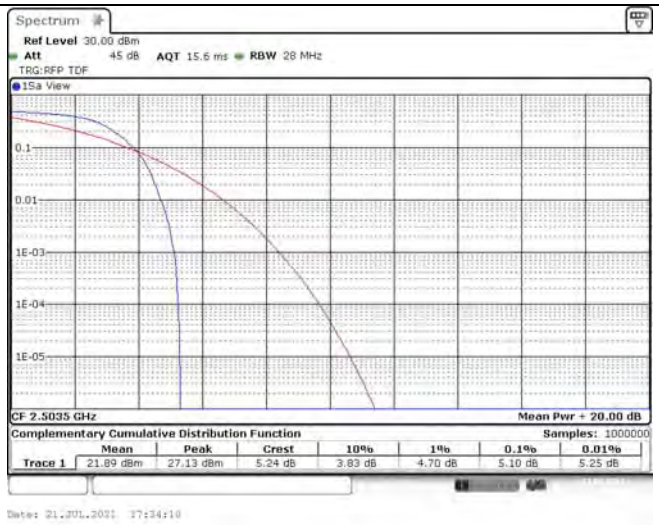

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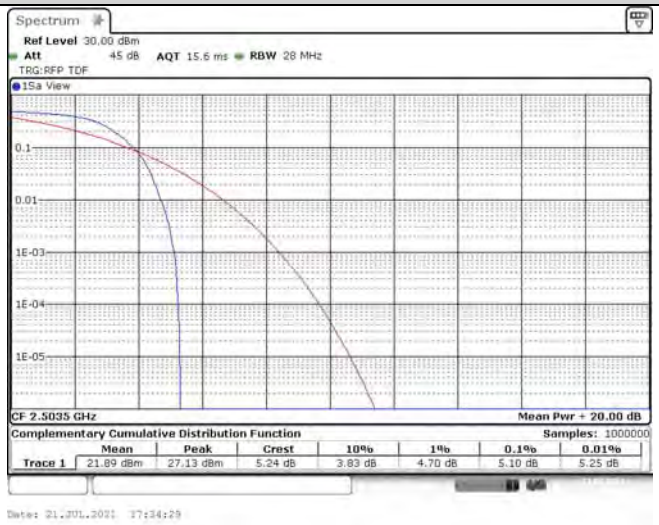

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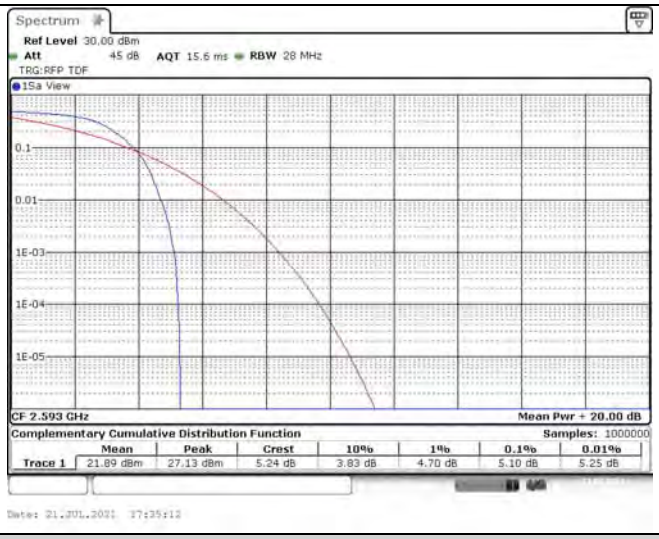

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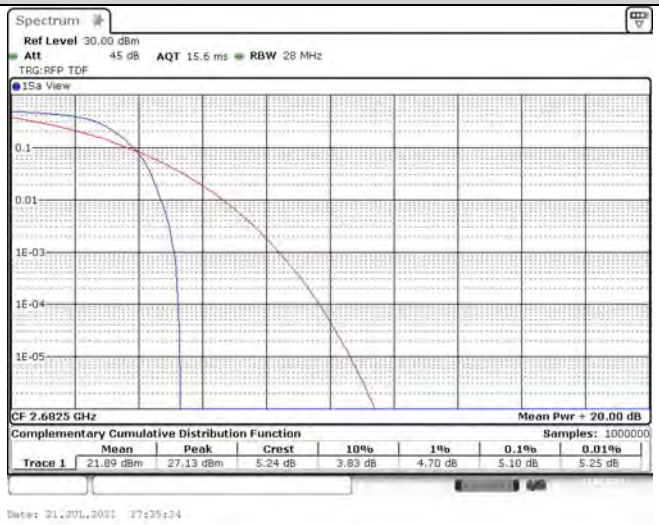

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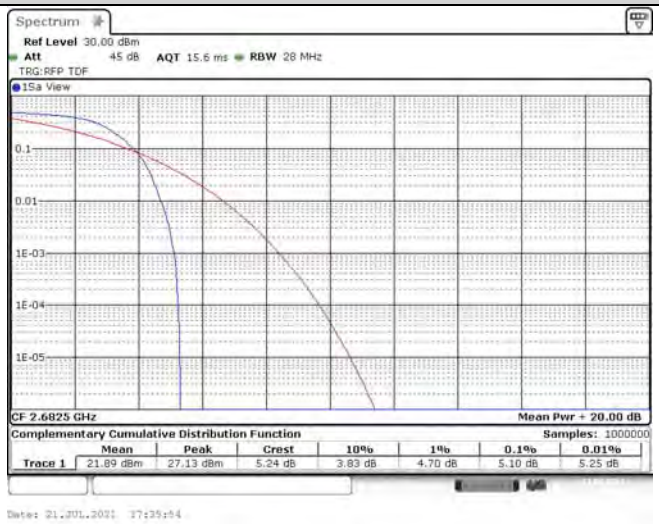

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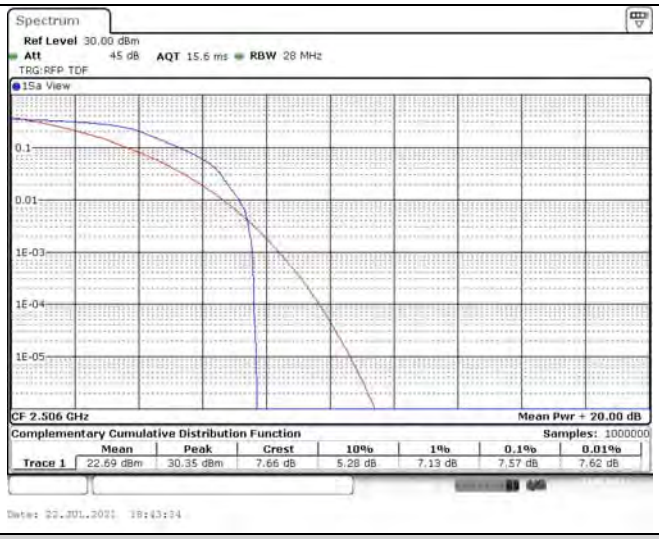

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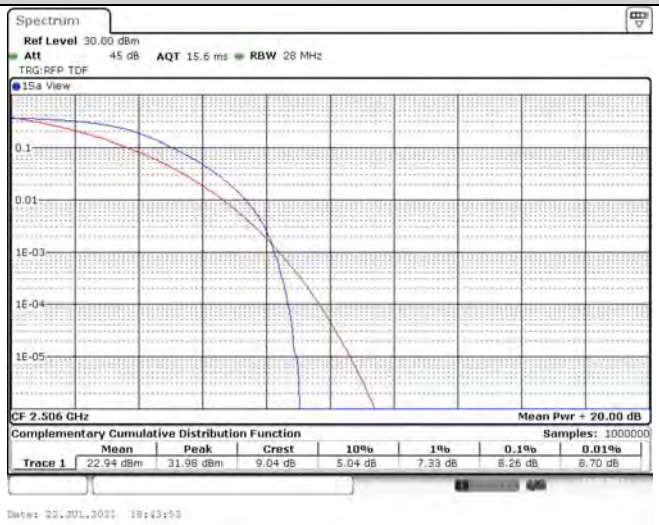

Band41-20MHz-QPSK-40620-1RB#0

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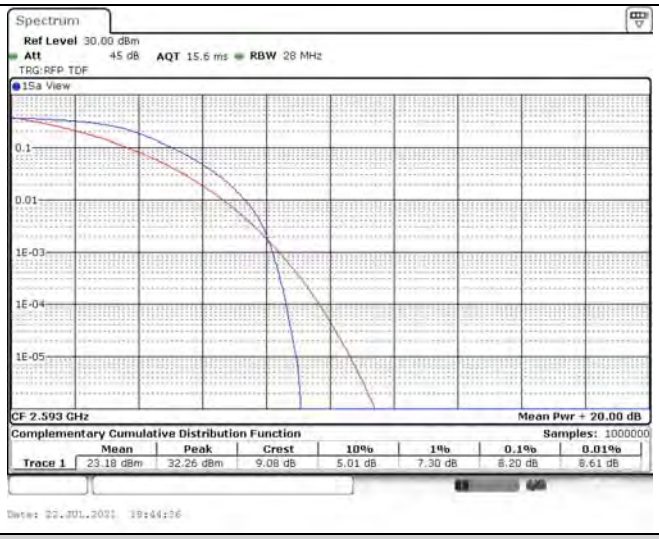

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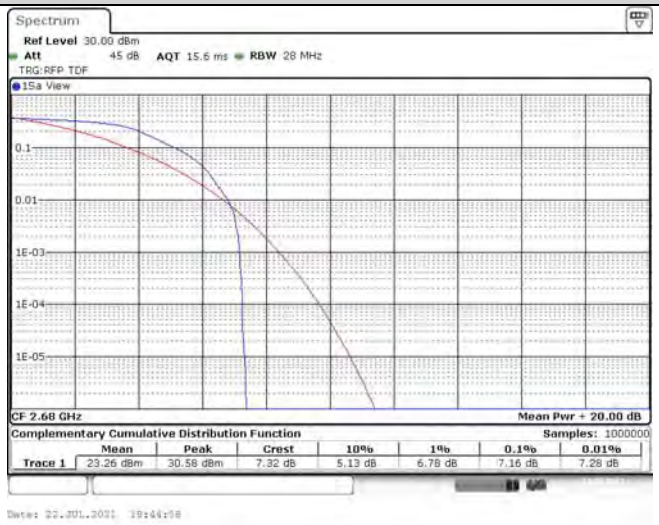

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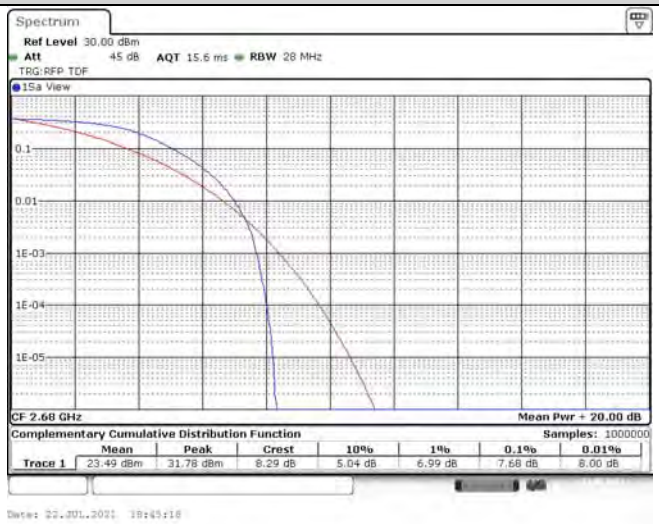

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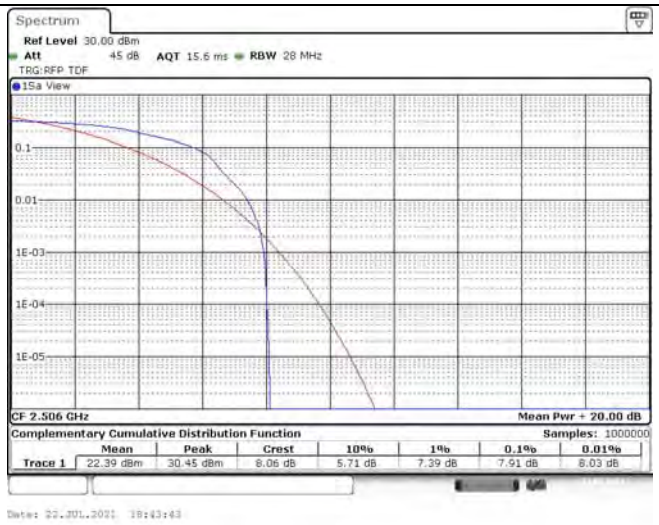

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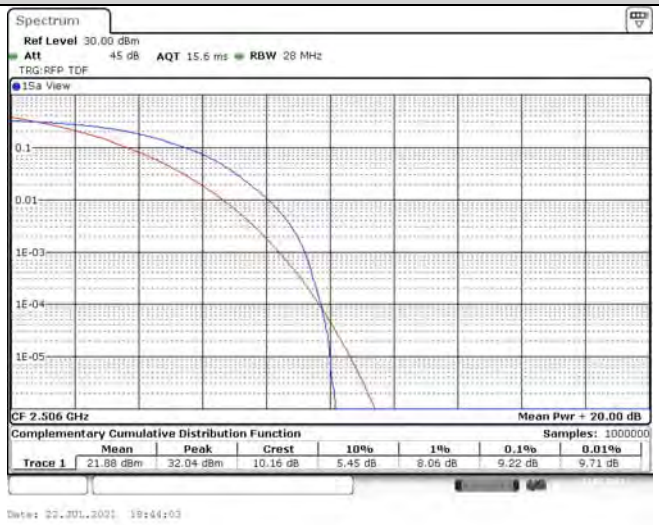

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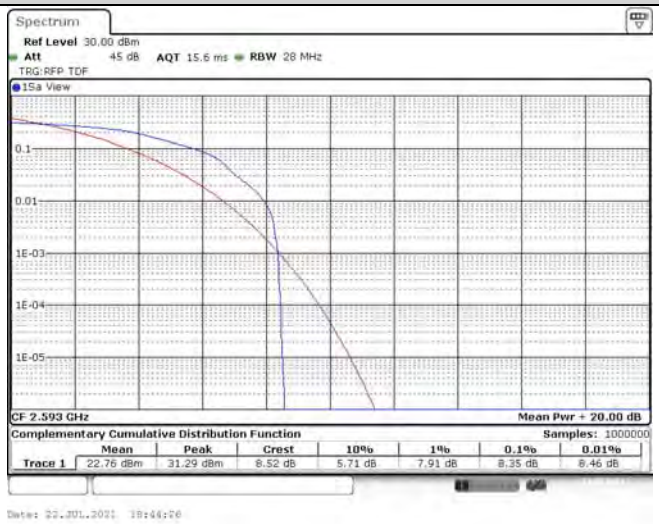

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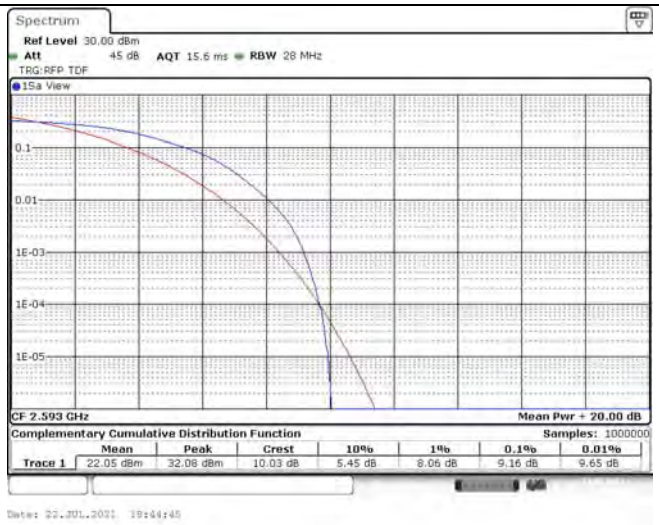

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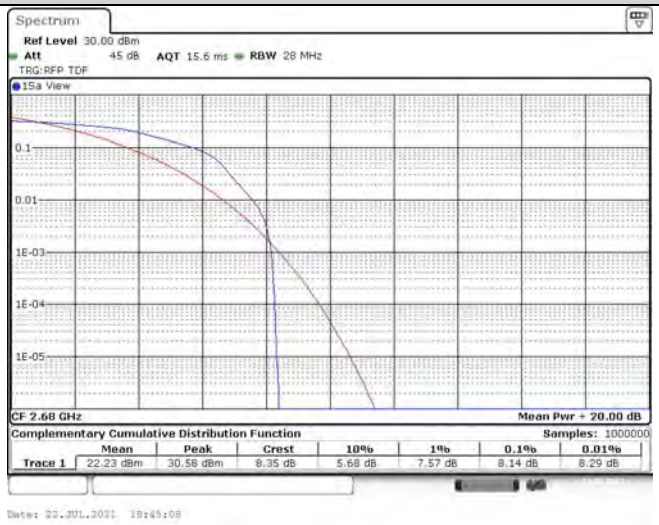


Band41-20MHz-16QAM-41490-100RB#0

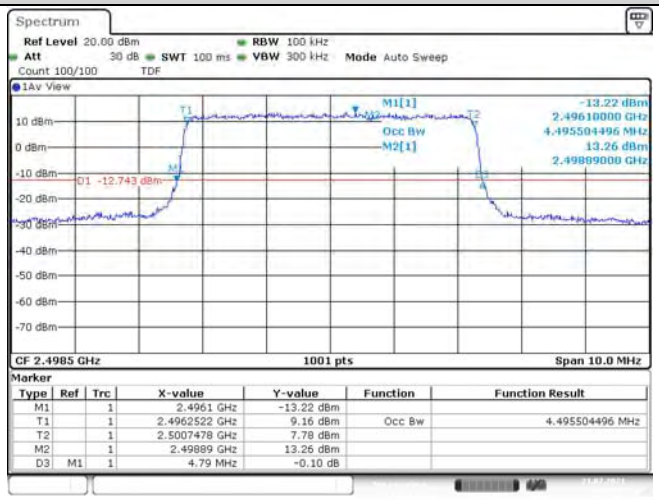
1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.496	4.790	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.505	4.780	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.505	4.790	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.496	4.780	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.496	4.770	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.496	4.790	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.952	9.400	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.952	9.533	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.918	9.433	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.918	9.400	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.952	9.533	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.952	9.433	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.428	14.300	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.428	14.300	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.478	14.300	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.428	14.300	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.378	14.300	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.428	14.300	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.97	19.333	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.97	19.333	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.97	19.333	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.97	19.267	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.97	19.333	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.97	19.333	PASS

Test Graphs

Band41-5MHz-QPSK-39675-25RB#0-4.496



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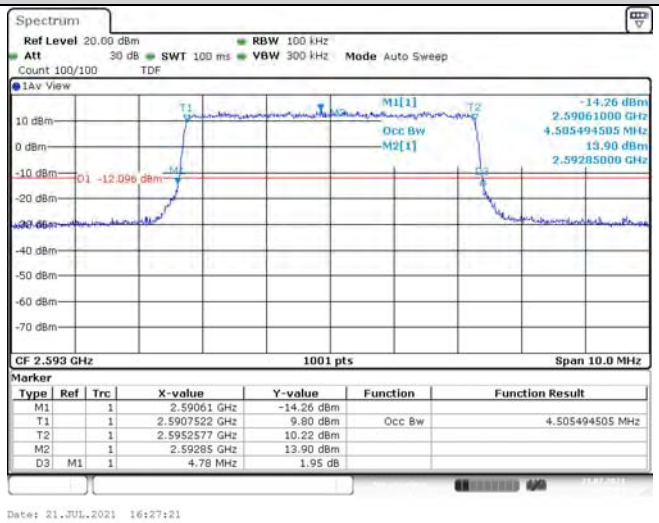
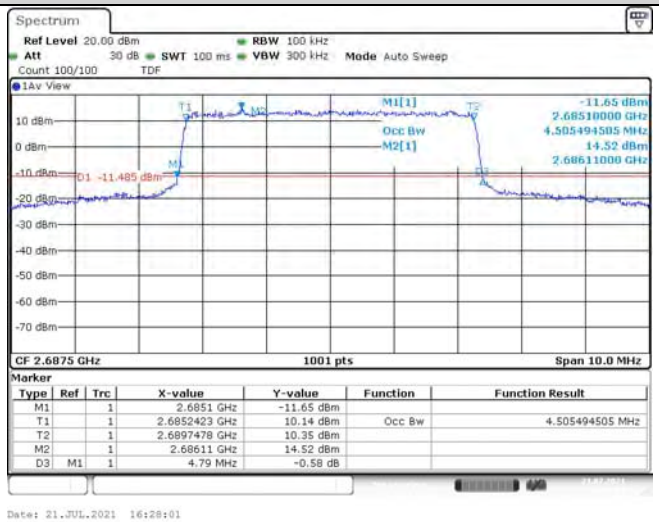
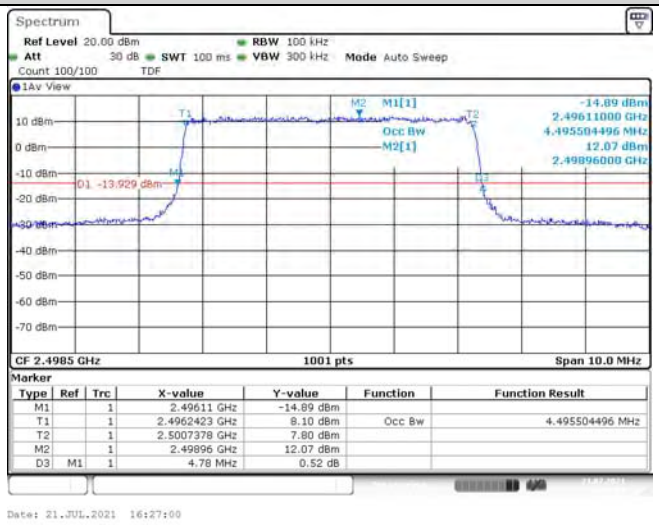


Band41-5MHz-QPSK-41565-25RB#0-4.505



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



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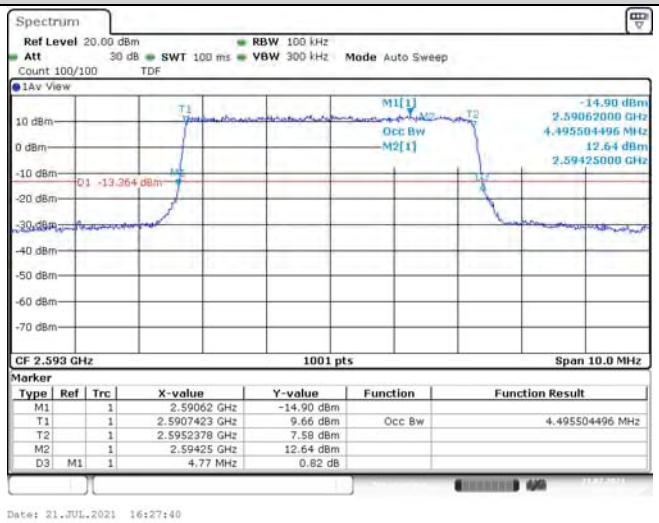

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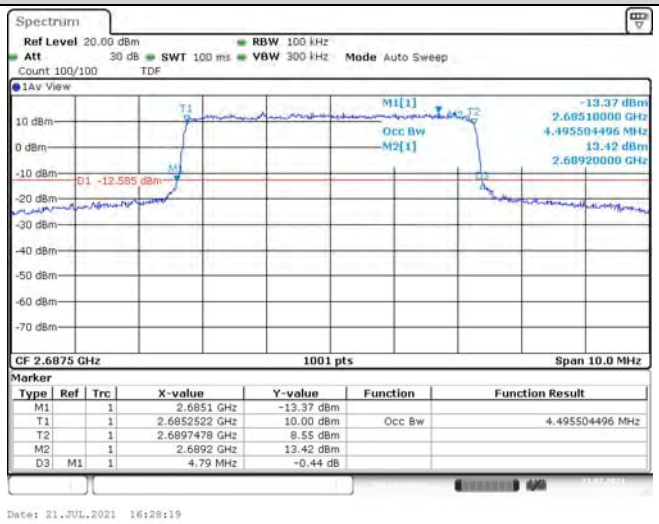
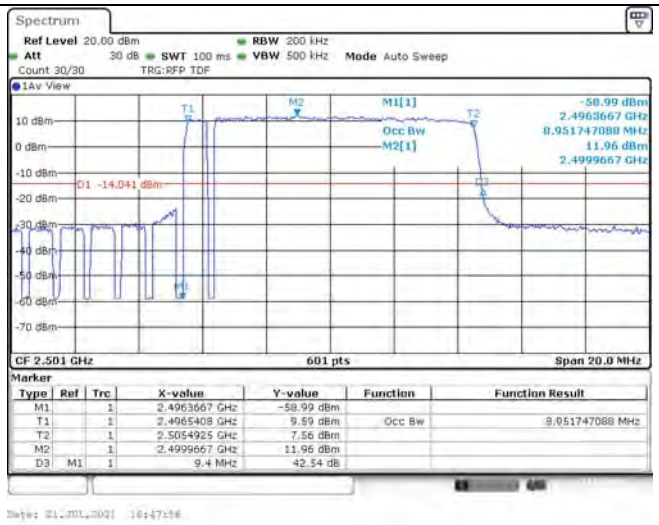
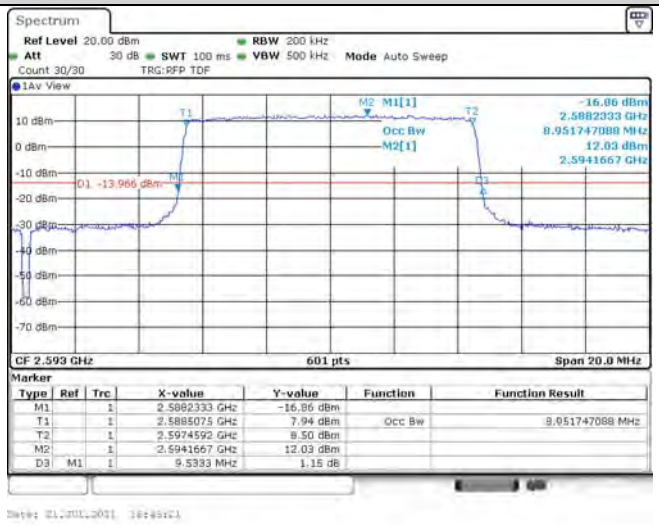


Band41-10MHz-QPSK-39700-50RB#0-8.952



Band41-10MHz-QPSK-40620-50RB#0-8.952



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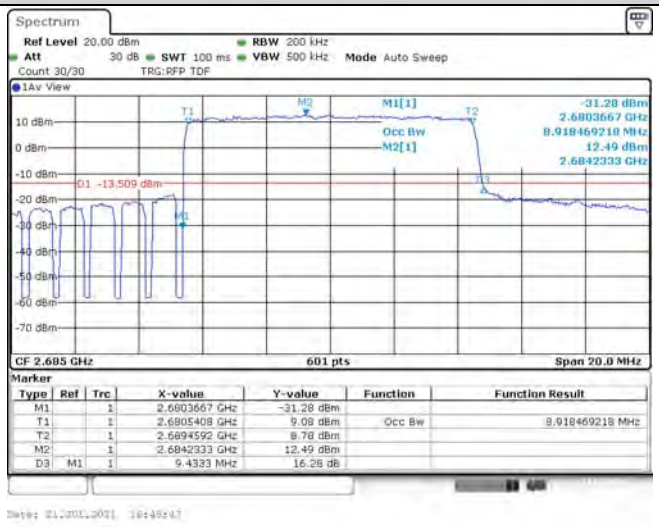

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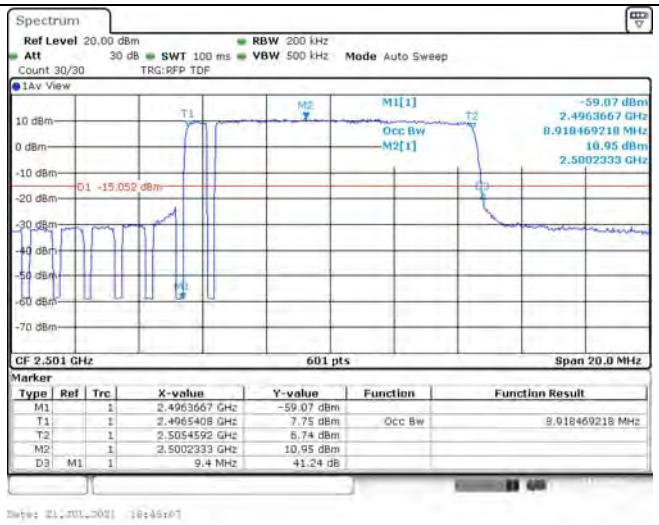

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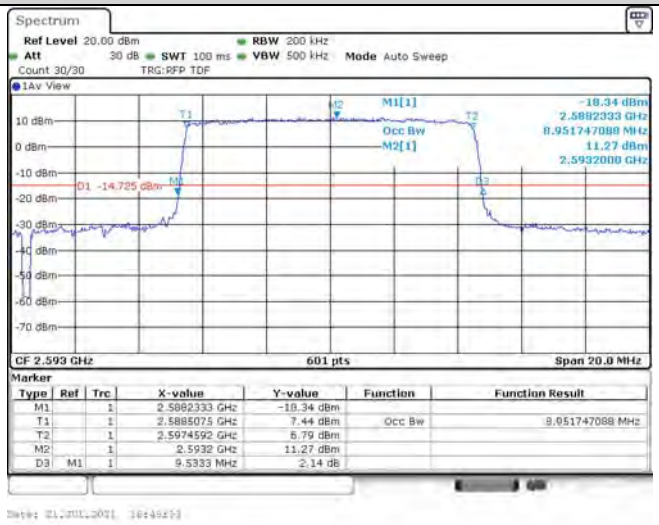

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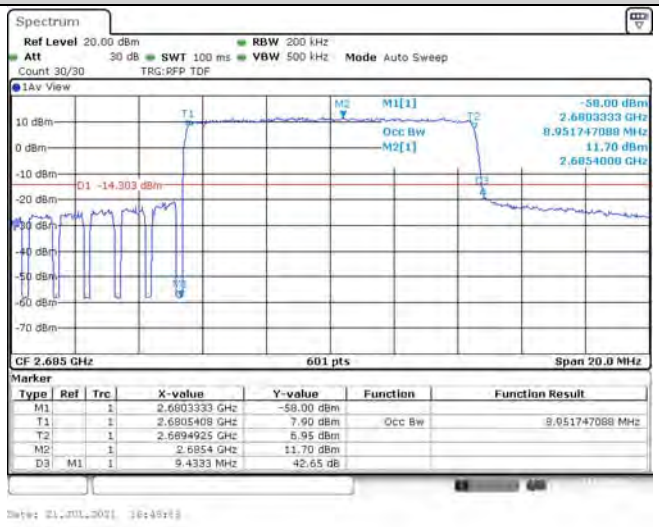
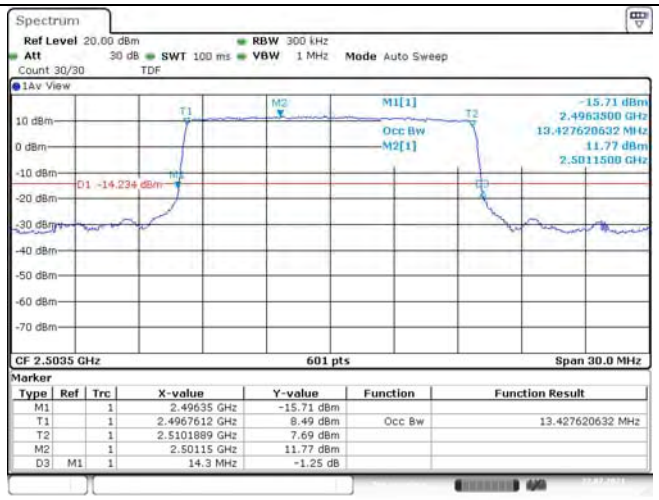
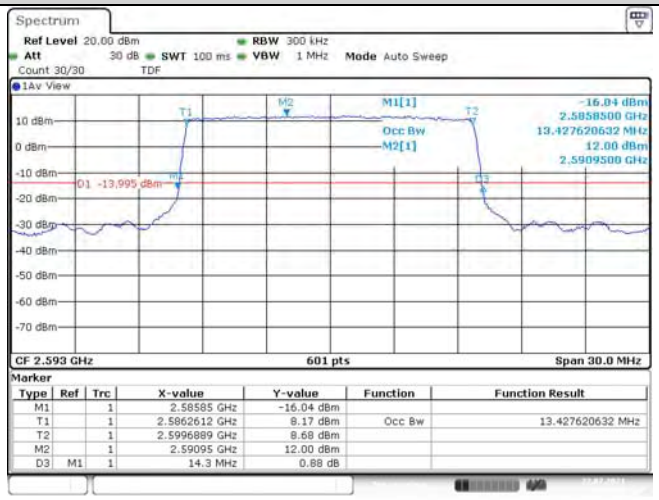


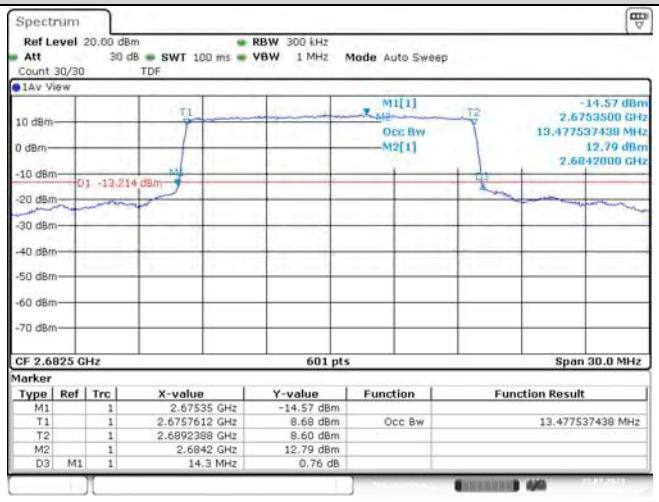
Band41-15MHz-QPSK-39725-75RB#0-13.428



Band41-15MHz-QPSK-40620-75RB#0-13.428



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



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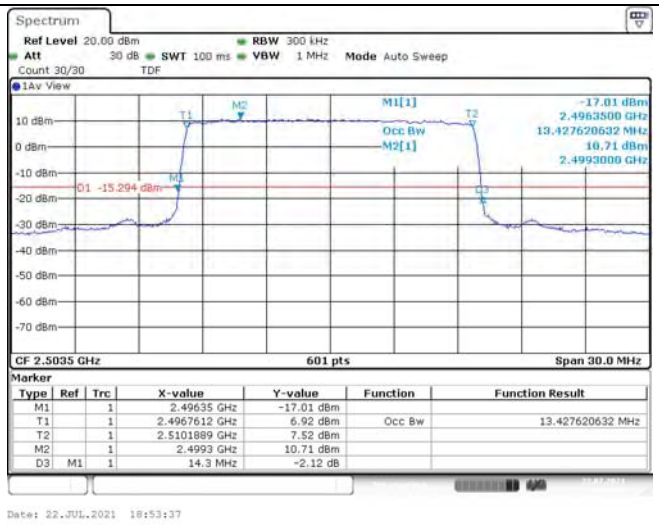

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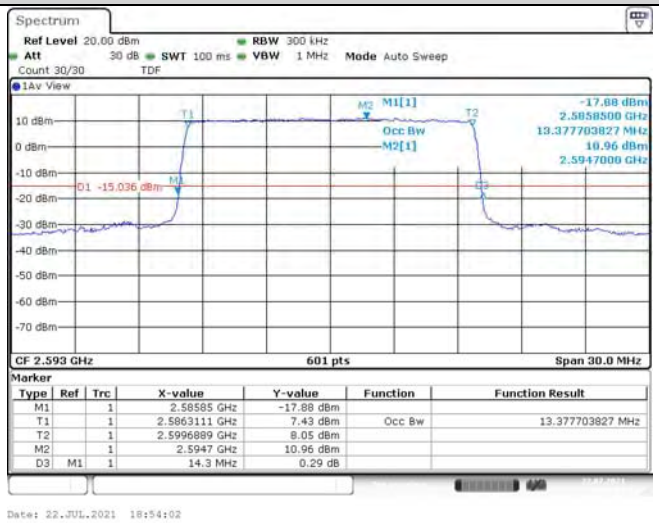

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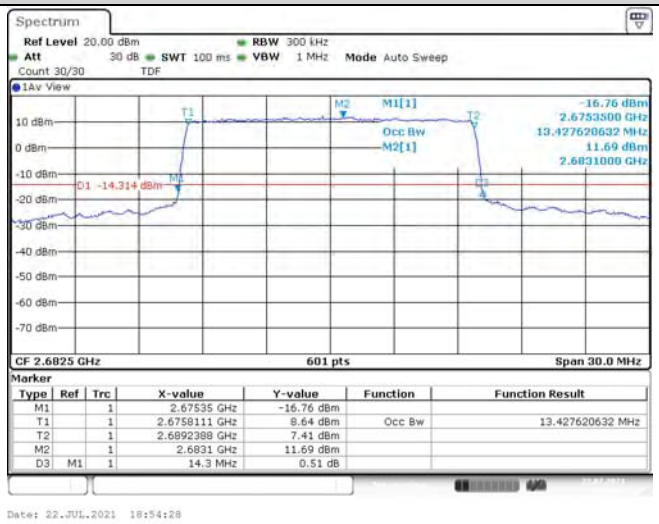
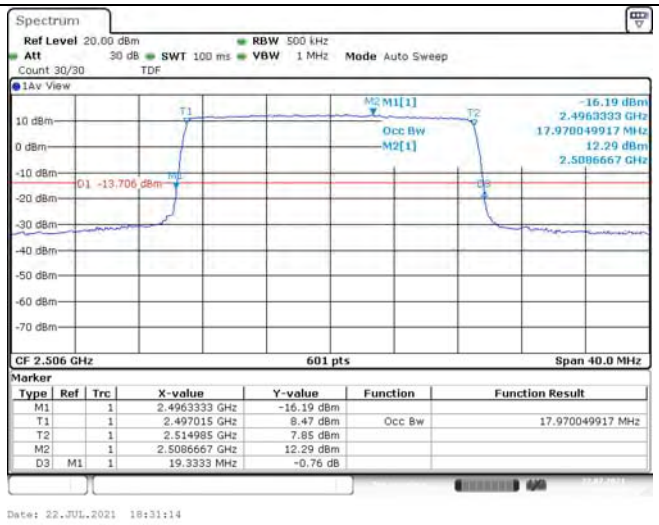


Band41-20MHz-QPSK-39750-100RB#0-17.97



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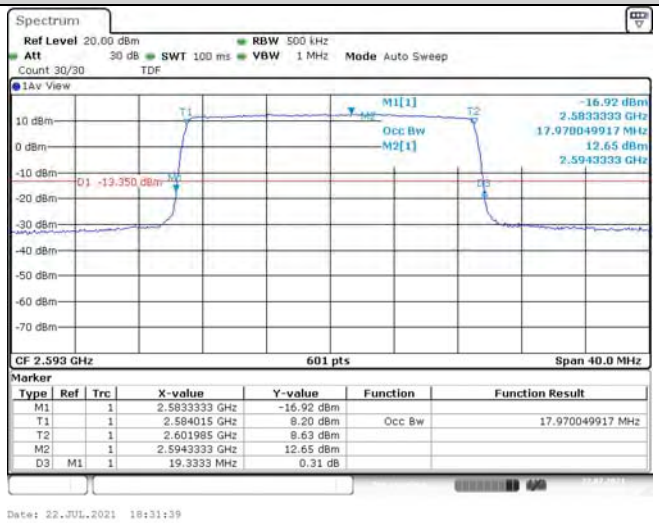

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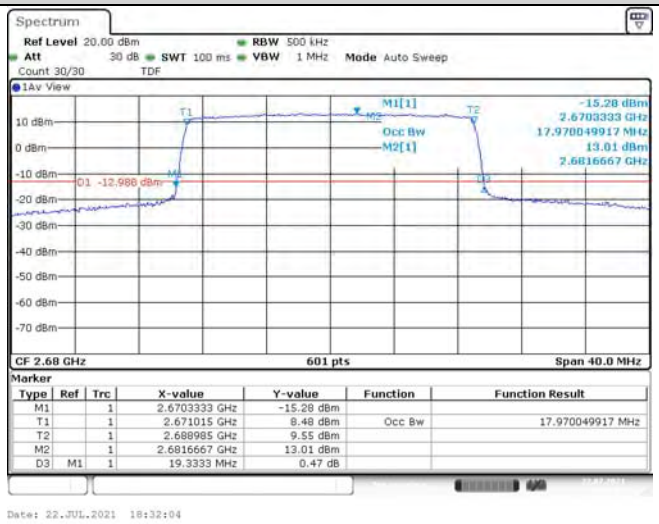

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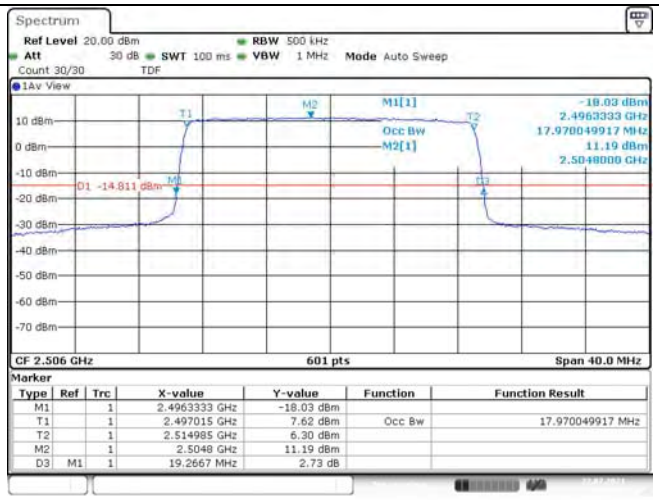

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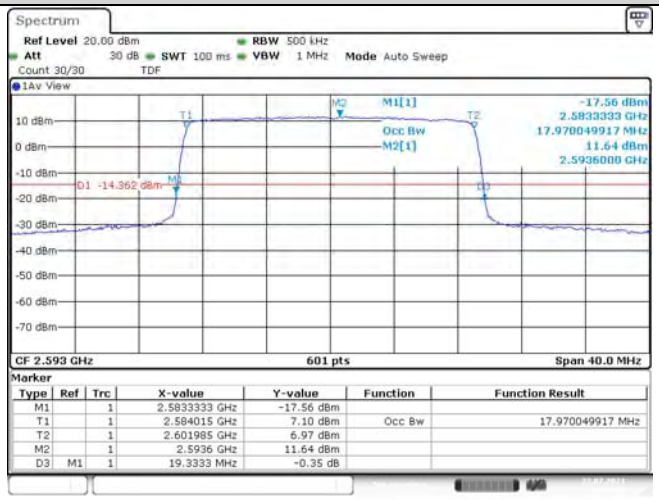

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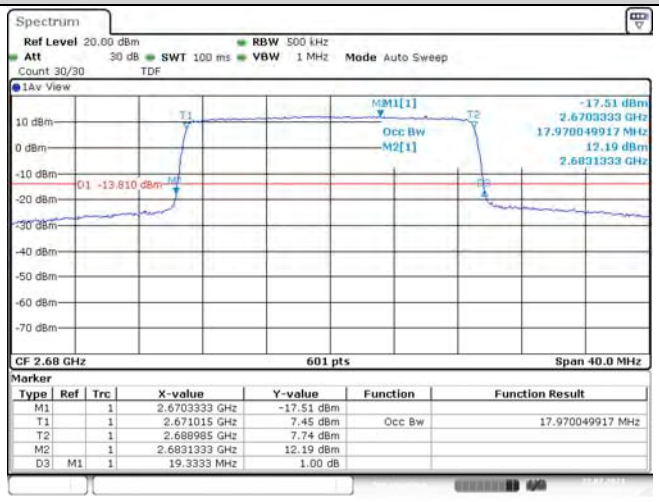


1.4. Appendix D: Band Edge

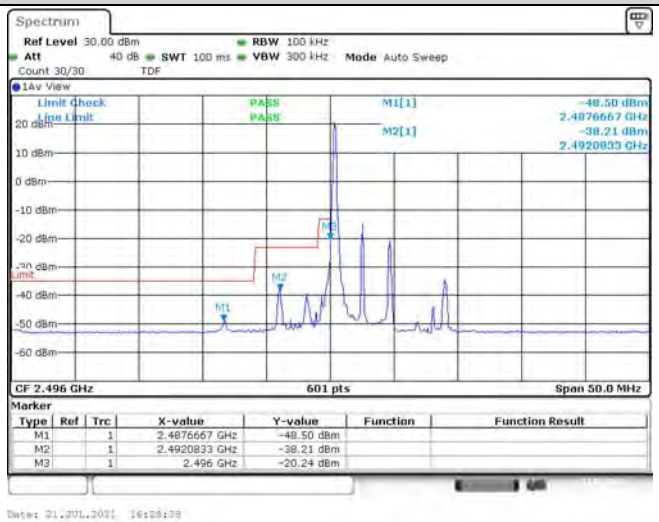
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-48.50,-38.21,-20.24	PASS
Band41	5MHz	QPSK	39675	1RB#24	-52.13,-43.43,-50.96	PASS
Band41	5MHz	QPSK	39675	25RB#0	-45.55,-33.80,-27.93	PASS
Band41	5MHz	QPSK	41565	1RB#0	-47.91,-27.80,-51.12,-51.53	PASS
Band41	5MHz	QPSK	41565	1RB#24	-19.92,-31.98,-50.80,-39.43	PASS
Band41	5MHz	QPSK	41565	25RB#0	-21.16,-24.86,-39.78,-42.29	PASS
Band41	5MHz	16QAM	39675	1RB#0	-50.56,-37.24,-22.32	PASS
Band41	5MHz	16QAM	39675	1RB#24	-52.46,-43.90,-50.82	PASS
Band41	5MHz	16QAM	39675	25RB#0	-46.18,-35.23,-28.66	PASS
Band41	5MHz	16QAM	41565	1RB#0	-48.39,-30.70,-50.18,-51.14	PASS
Band41	5MHz	16QAM	41565	1RB#24	-20.96,-34.19,-50.83,-42.98	PASS
Band41	5MHz	16QAM	41565	25RB#0	-24.97,-28.99,-39.58,-41.95	PASS
Band41	10MHz	QPSK	39700	1RB#0	-48.93,-37.72,-29.48	PASS
Band41	10MHz	QPSK	39700	1RB#49	-48.18,-35.39,-47.94	PASS
Band41	10MHz	QPSK	39700	50RB#0	-41.51,-34.38,-30.78	PASS
Band41	10MHz	QPSK	41540	1RB#0	-47.67,-46.90,-27.87,-48.09	PASS
Band41	10MHz	QPSK	41540	1RB#49	-28.06,-31.09,-34.21,-48.23	PASS
Band41	10MHz	QPSK	41540	50RB#0	-21.23,-23.44,-28.72,-39.70	PASS
Band41	10MHz	16QAM	39700	1RB#0	-48.76,-39.86,-30.36	PASS
Band41	10MHz	16QAM	39700	1RB#49	-48.68,-33.80,-48.64	PASS
Band41	10MHz	16QAM	39700	50RB#0	-43.57,-34.24,-32.62	PASS
Band41	10MHz	16QAM	41540	1RB#0	-48.11,-46.58,-27.37,-48.74	PASS
Band41	10MHz	16QAM	41540	1RB#49	-29.93,-32.77,-36.37,-48.08	PASS
Band41	10MHz	16QAM	41540	50RB#0	-24.99,-27.08,-31.42,-39.59	PASS
Band41	15MHz	QPSK	39725	1RB#0	-47.84,-39.76,-31.49	PASS
Band41	15MHz	QPSK	39725	1RB#74	-47.19,-35.18,-46.99	PASS
Band41	15MHz	QPSK	39725	75RB#0	-41.64,-33.74,-30.06	PASS
Band41	15MHz	QPSK	41515	1RB#0	-46.37,-46.87,-27.54,-45.89	PASS
Band41	15MHz	QPSK	41515	1RB#74	-28.85,-43.21,-33.16,-46.35	PASS
Band41	15MHz	QPSK	41515	75RB#0	-22.44,-25.12,-26.38,-38.64	PASS
Band41	15MHz	16QAM	39725	1RB#0	-47.84,-39.76,-32.94	PASS
Band41	15MHz	16QAM	39725	1RB#74	-47.69,-37.93,-47.13	PASS
Band41	15MHz	16QAM	39725	75RB#0	-43.64,-34.17,-33.42	PASS

Band41	15MHz	16QAM	41515	1RB#0	-46.18,-46.78,-28.95,-46.10	PASS
Band41	15MHz	16QAM	41515	1RB#74	-30.16,-43.36,-35.60,-46.49	PASS
Band41	15MHz	16QAM	41515	75RB#0	-26.37,-27.81,-28.92,-38.23	PASS
Band41	20MHz	QPSK	39750	1RB#0	-45.91,-36.71,-27.59	PASS
Band41	20MHz	QPSK	39750	1RB#99	-45.83,-39.25,-45.26	PASS
Band41	20MHz	QPSK	39750	100RB#0	-44.09,-34.22,-30.56	PASS
Band41	20MHz	QPSK	41490	1RB#0	-44.61,-44.99,-24.04,-45.03	PASS
Band41	20MHz	QPSK	41490	1RB#99	-26.65,-41.91,-34.04,-44.98	PASS
Band41	20MHz	QPSK	41490	100RB#0	-23.99,-25.75,-26.88,-38.07	PASS
Band41	20MHz	16QAM	39750	1RB#0	-45.71,-37.19,-27.54	PASS
Band41	20MHz	16QAM	39750	1RB#99	-45.91,-35.20,-45.40	PASS
Band41	20MHz	16QAM	39750	100RB#0	-44.82,-34.03,-30.97	PASS
Band41	20MHz	16QAM	41490	1RB#0	-44.75,-44.85,-27.10,-44.95	PASS
Band41	20MHz	16QAM	41490	1RB#99	-27.38,-42.21,-36.10,-44.93	PASS
Band41	20MHz	16QAM	41490	100RB#0	-28.95,-29.12,-30.28,-38.33	PASS

Test Graphs

Band41-5MHz-QPSK-39675-1RB#0



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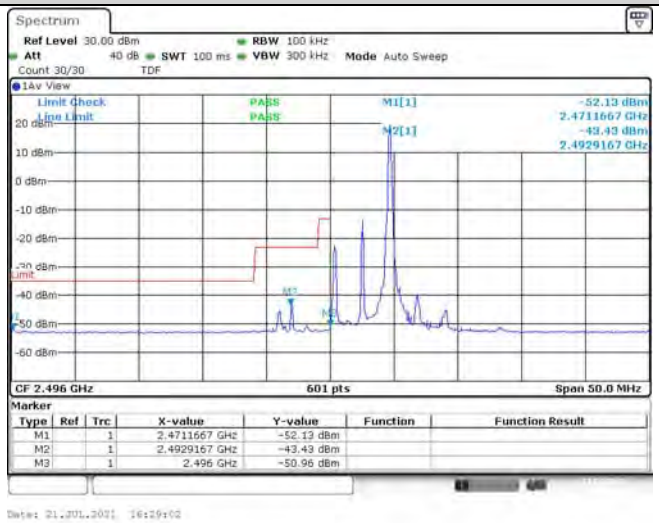

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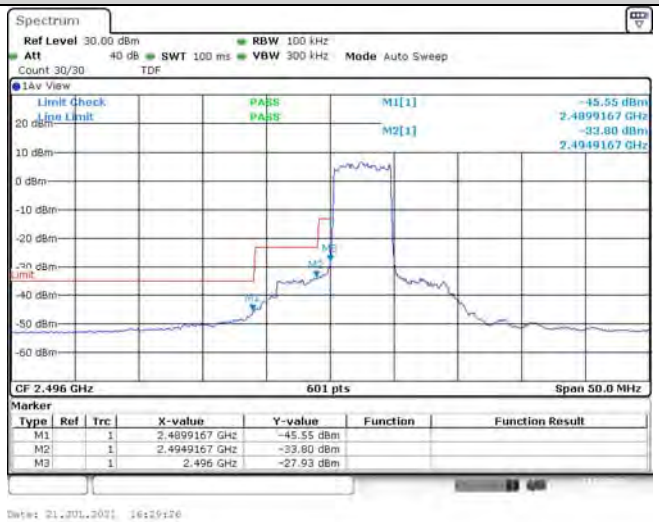

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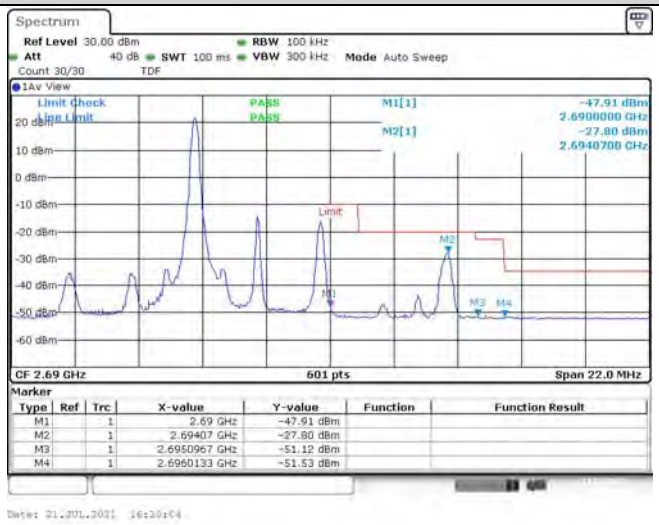

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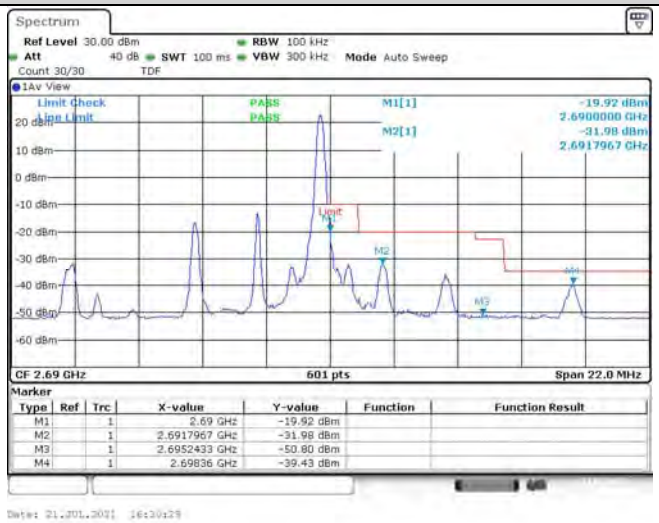

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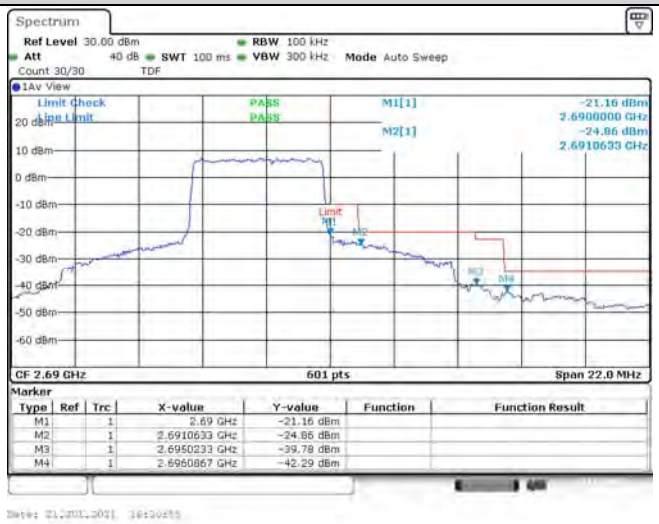

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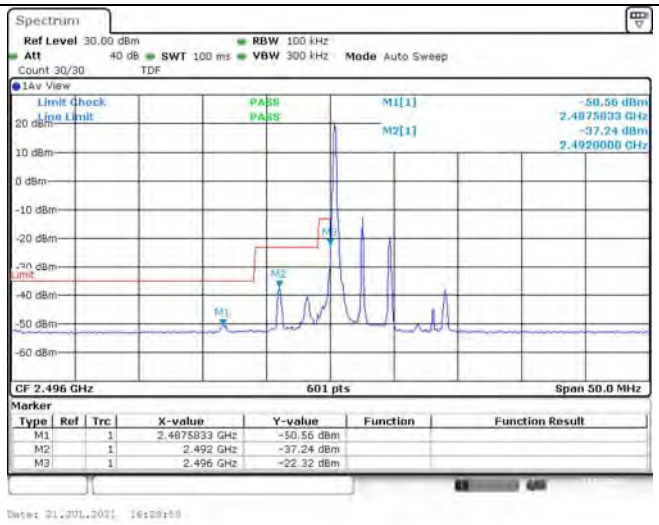

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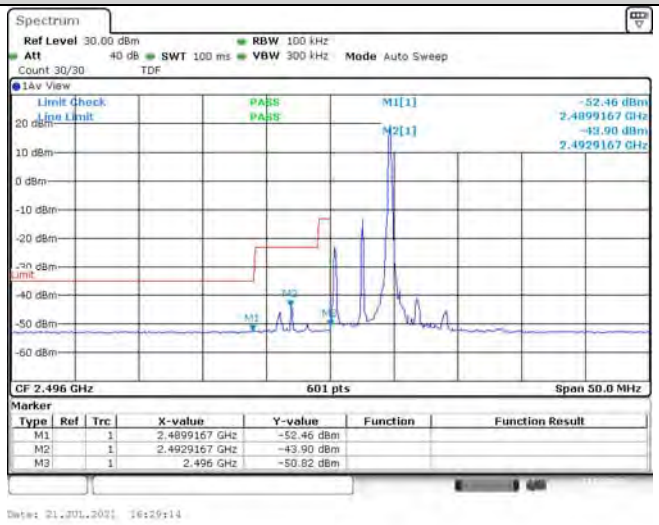

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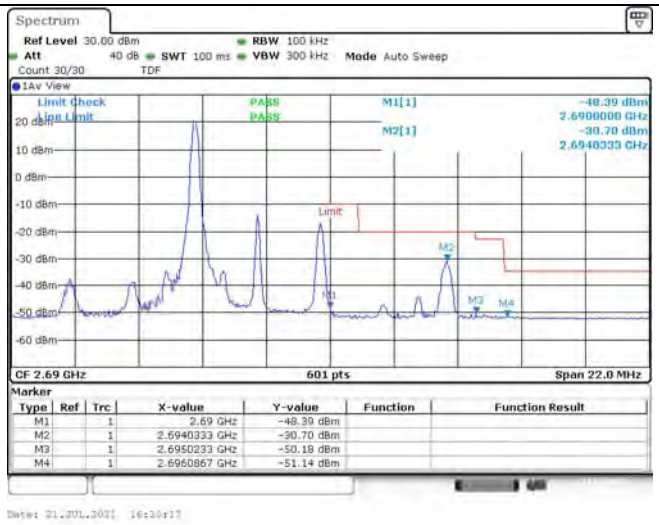

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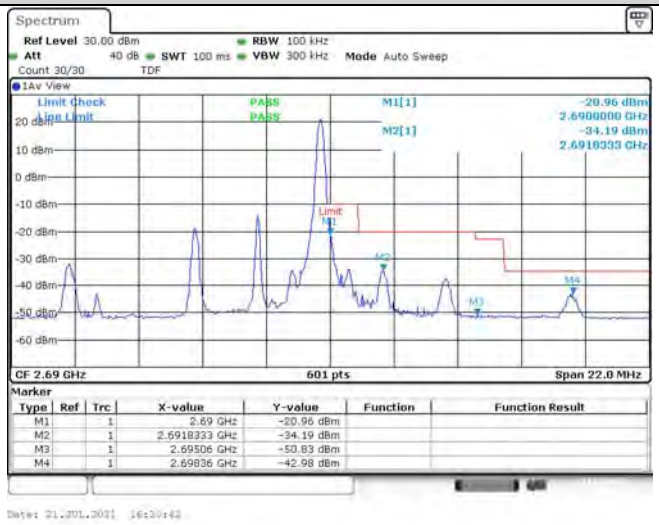

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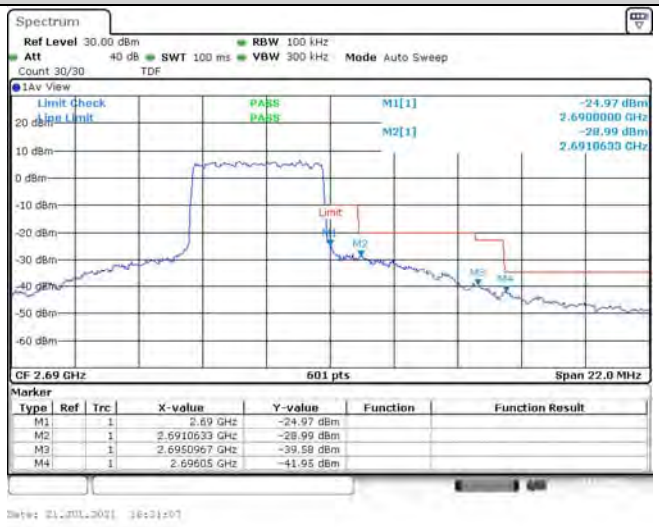

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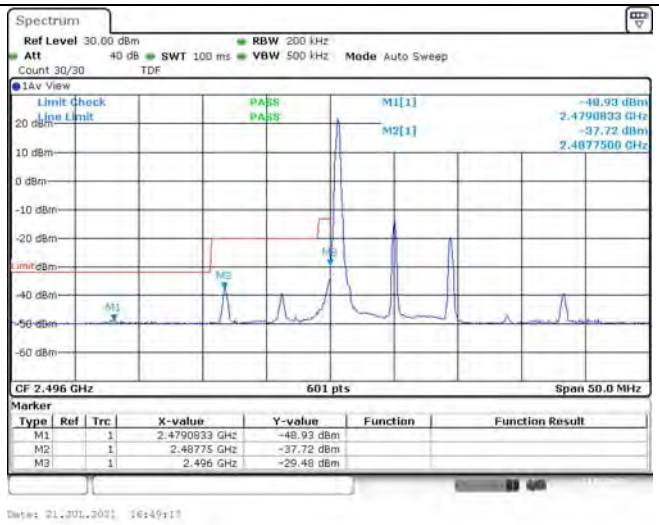

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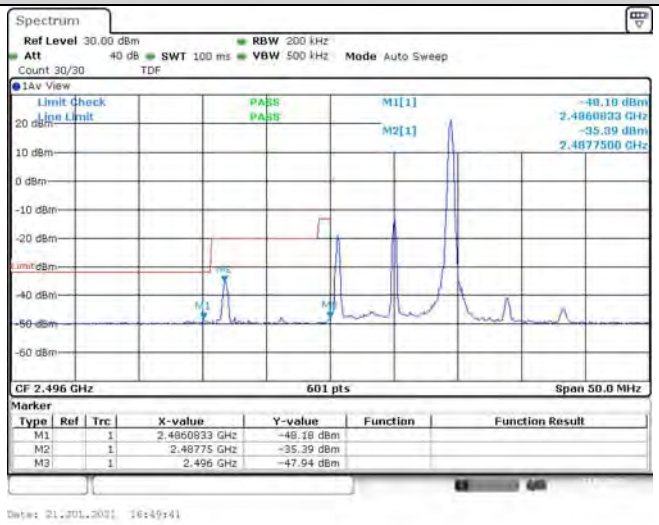

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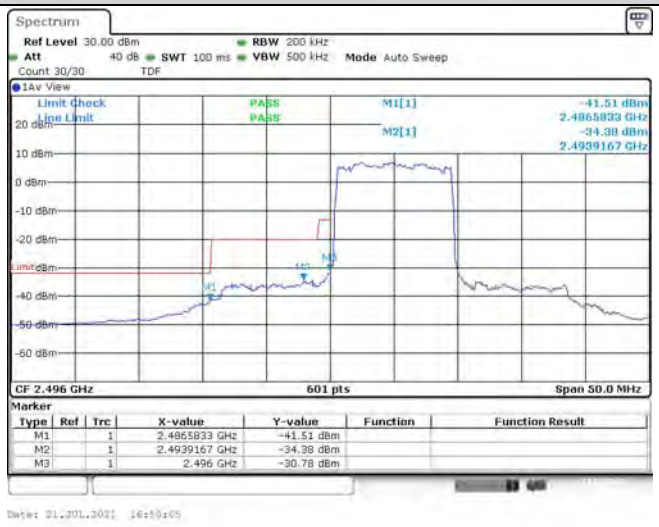

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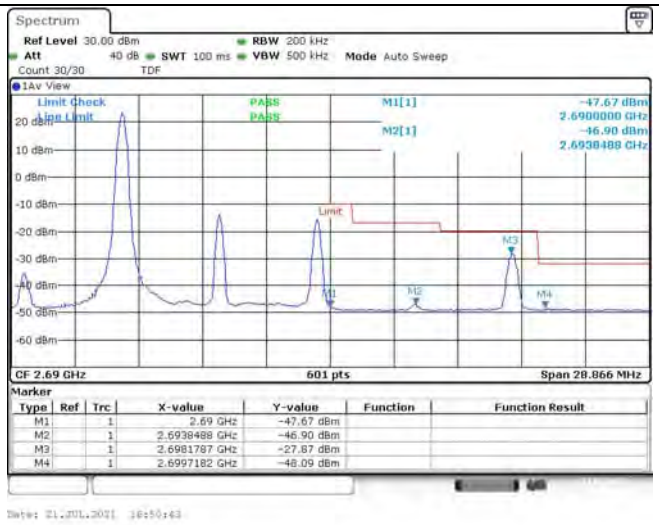

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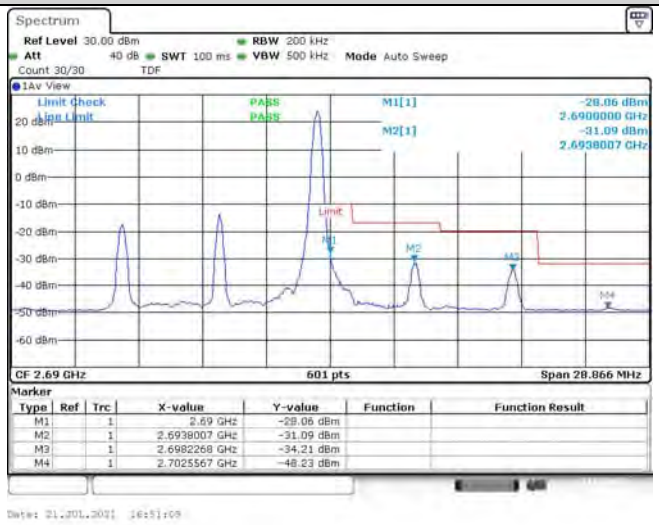

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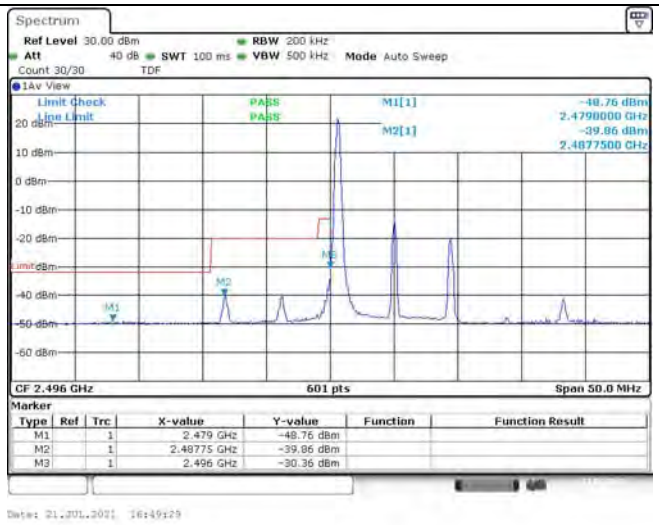

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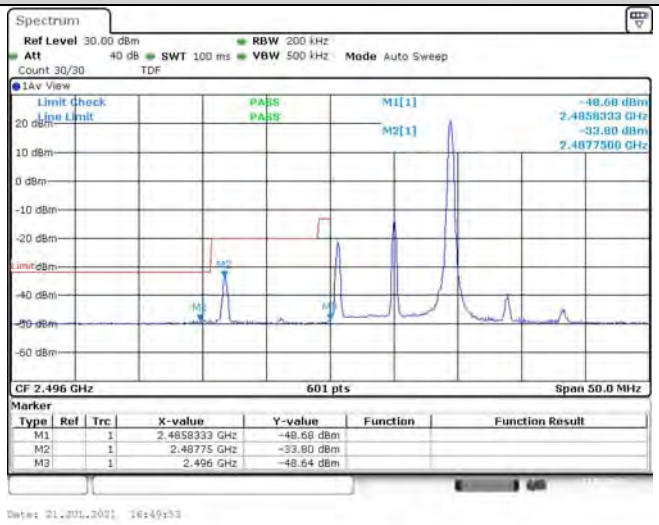

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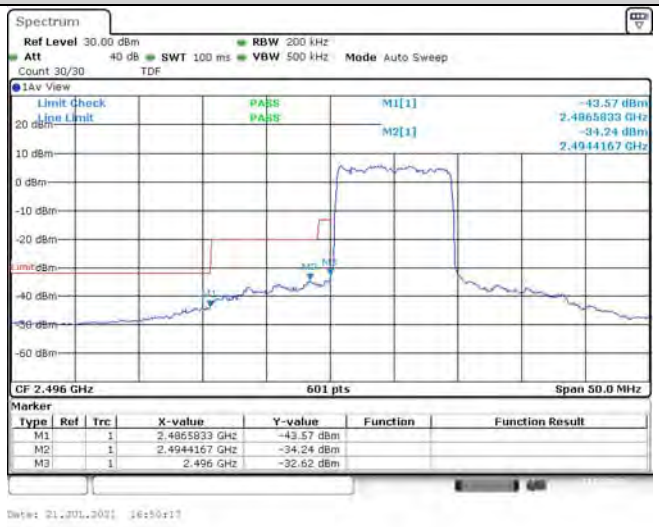

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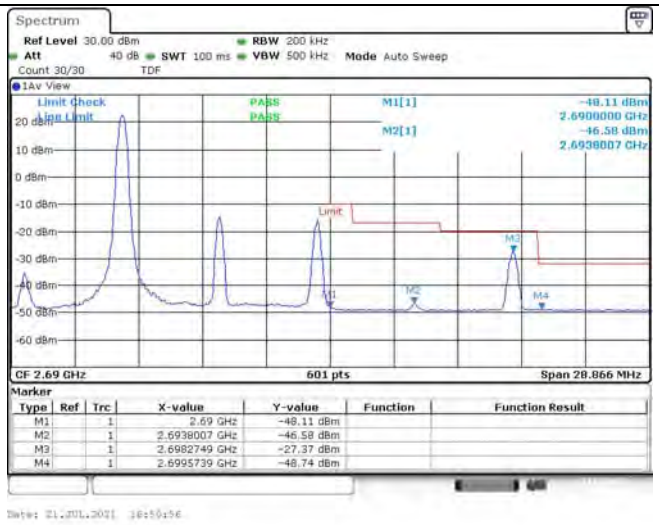

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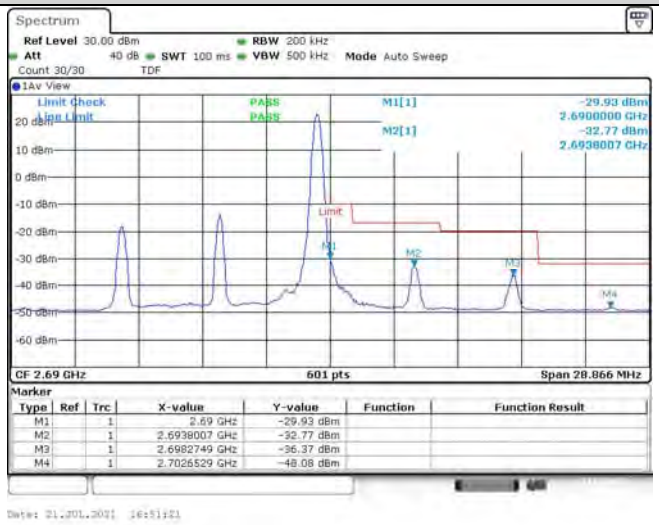

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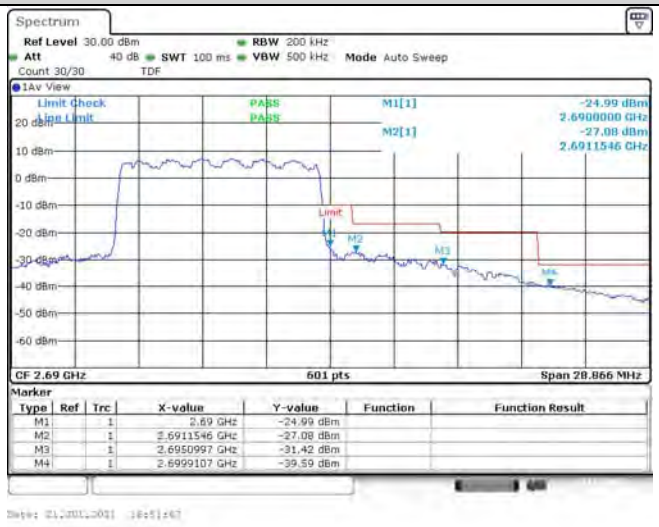

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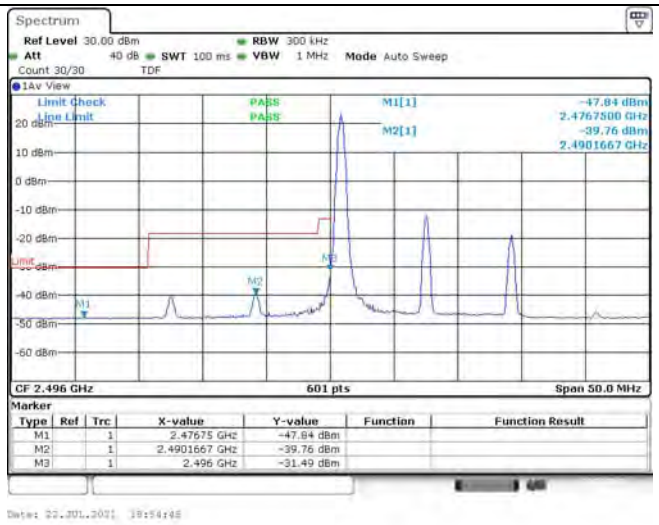

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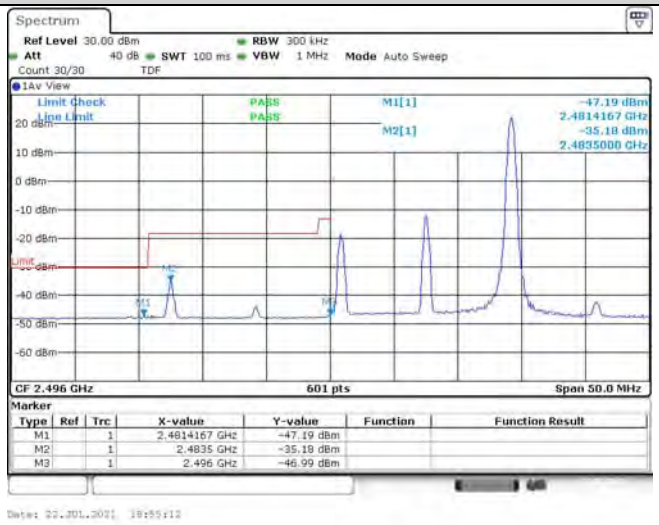

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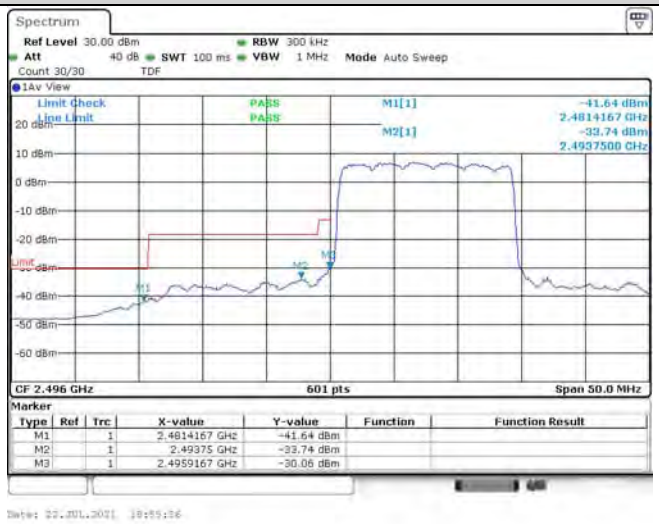
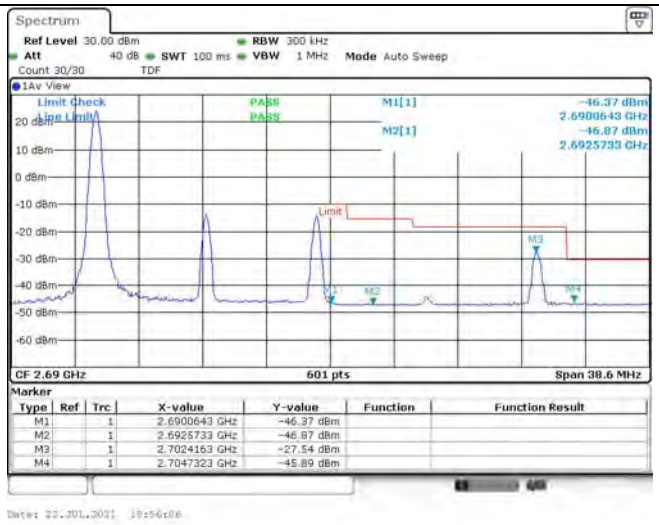


Band41-15MHz-QPSK-41515-1RB#0



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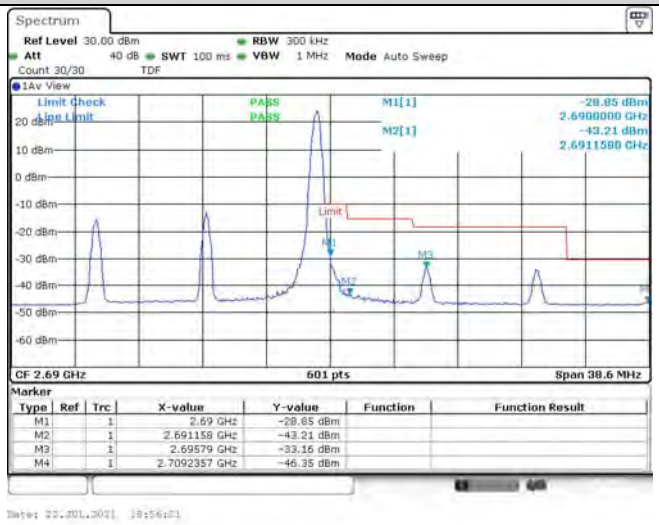

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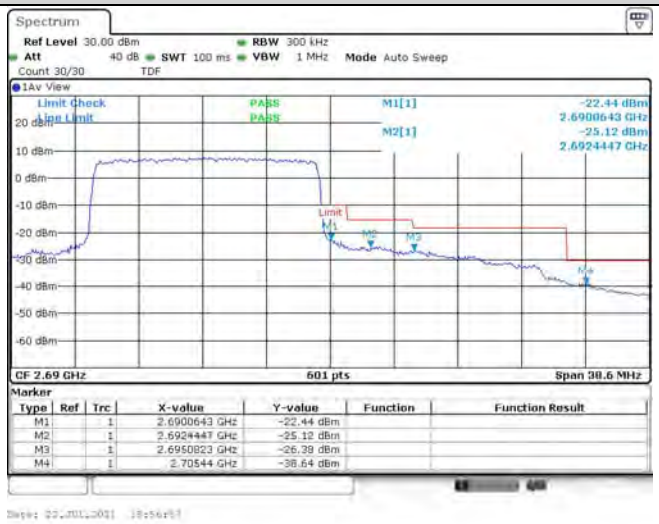
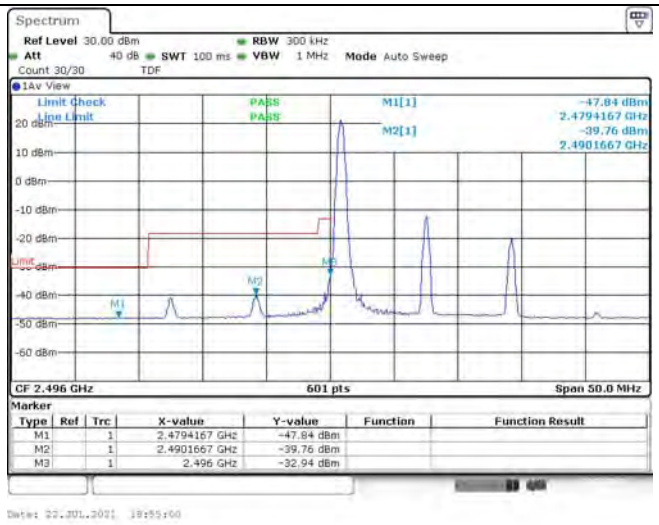


Band41-15MHz-16QAM-39725-1RB#0



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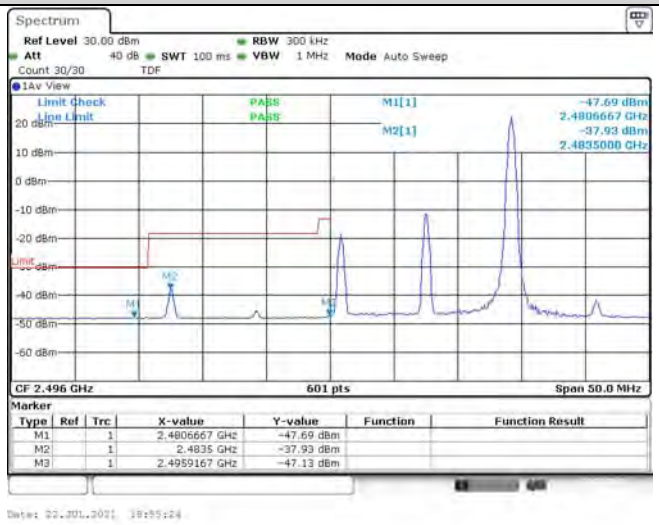
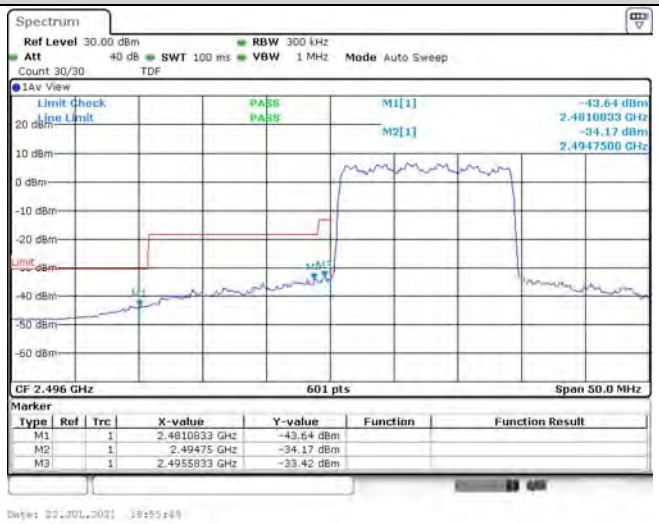
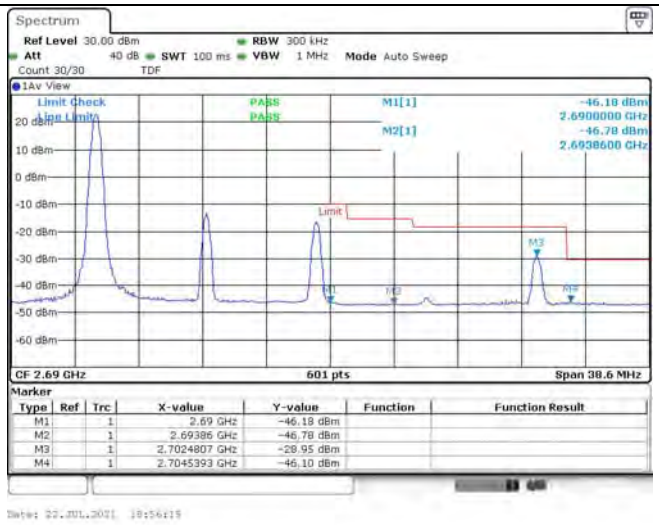


Band41-15MHz-16QAM-39725-75RB#0



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



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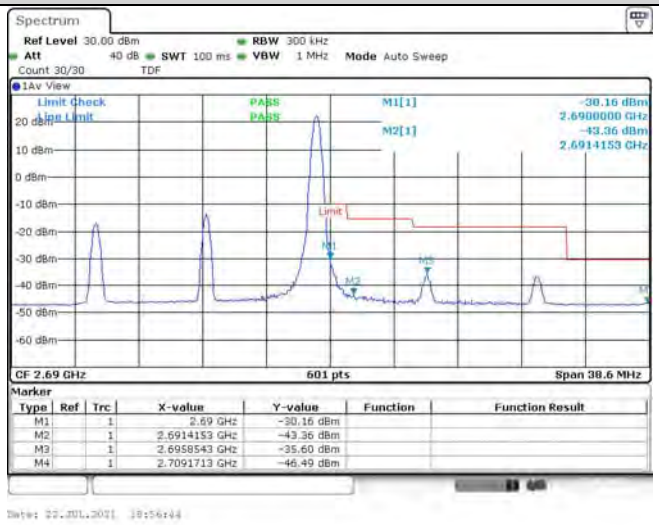

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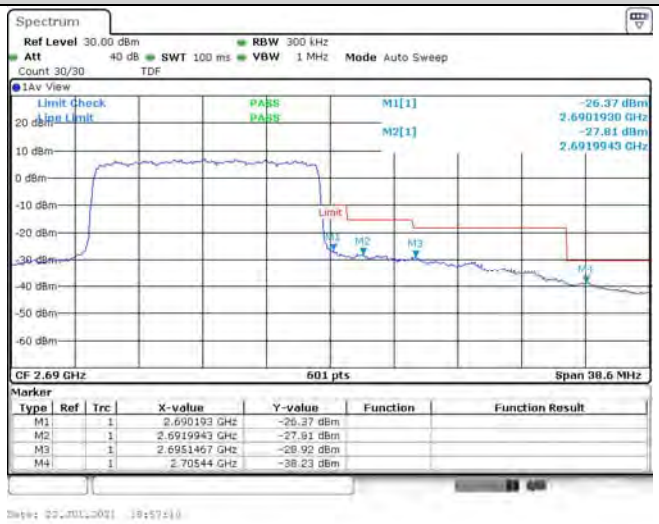
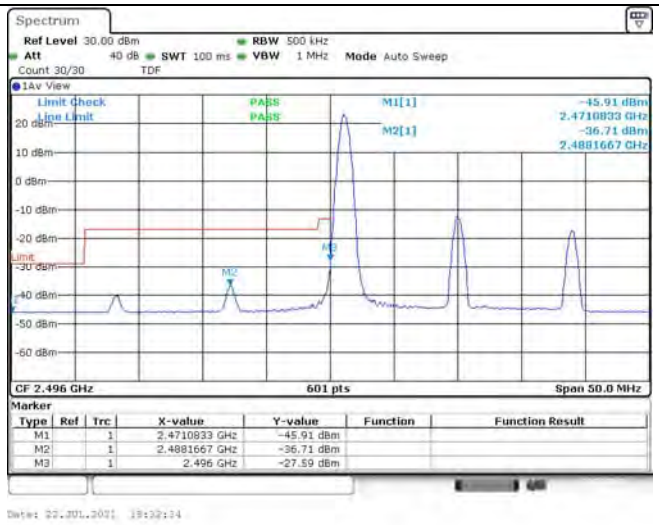


Band41-20MHz-QPSK-39750-1RB#0



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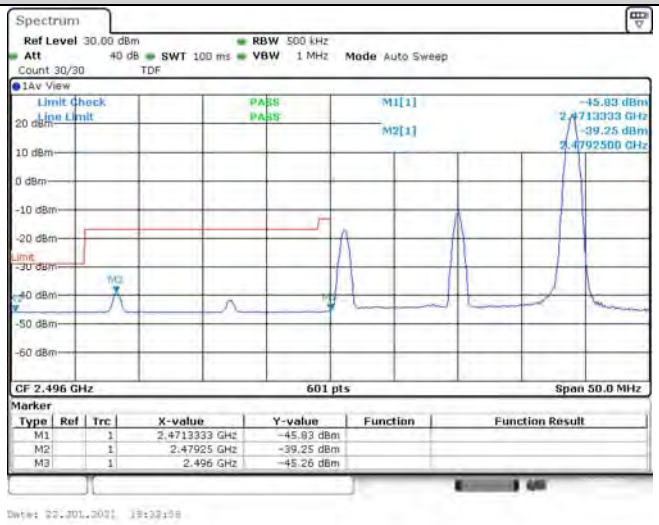

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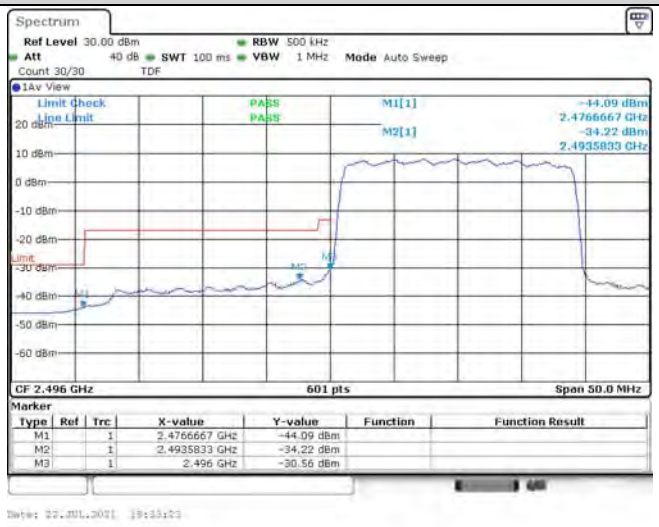

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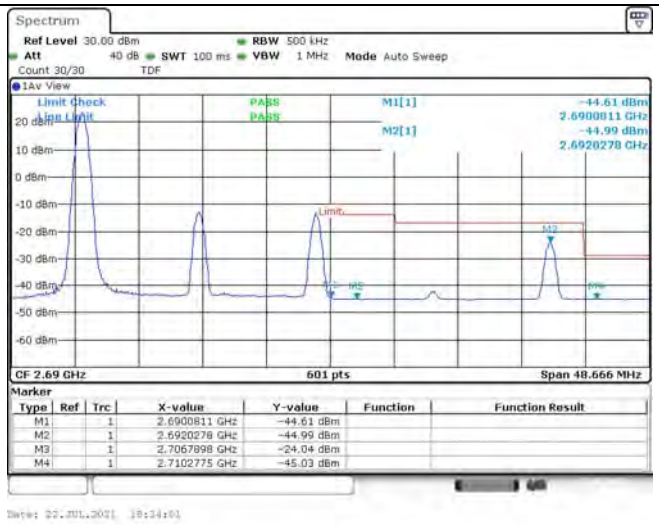

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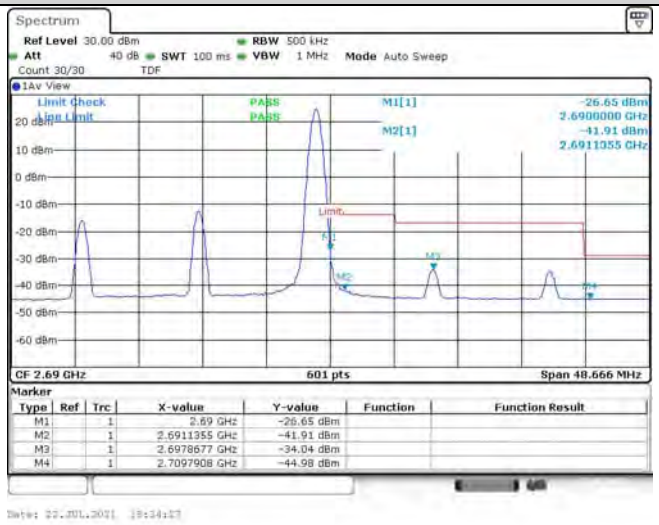

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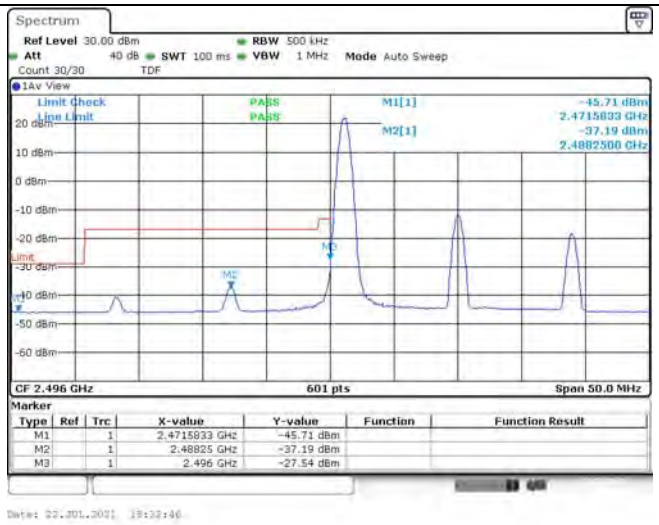
Band41-20MHz-16QAM-39750-1RB#0



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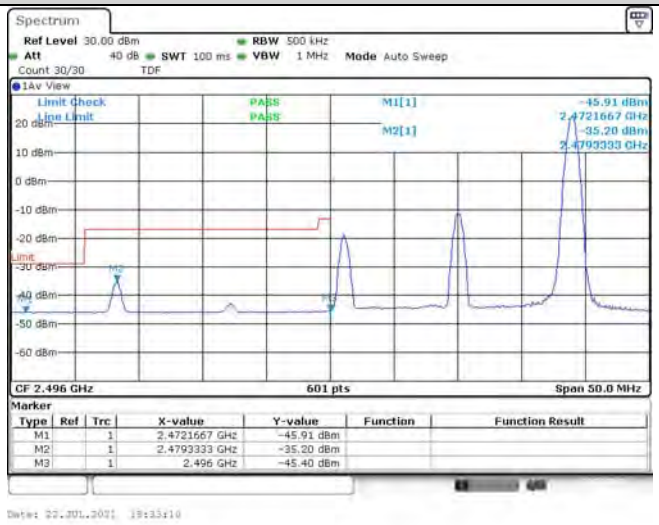
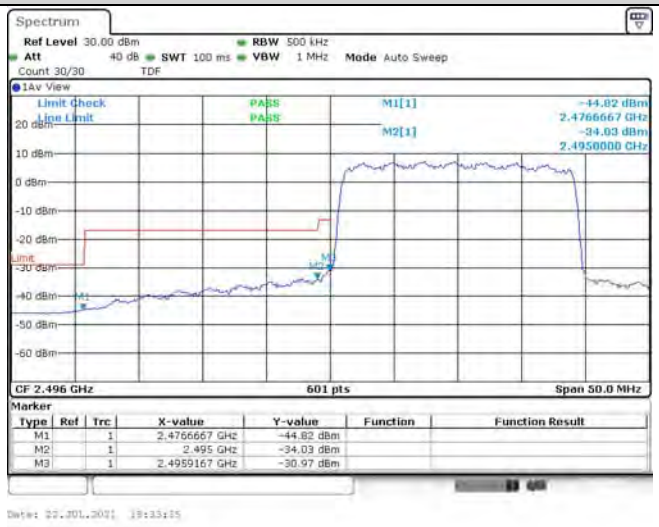


Band41-20MHz-16QAM-39750-100RB#0



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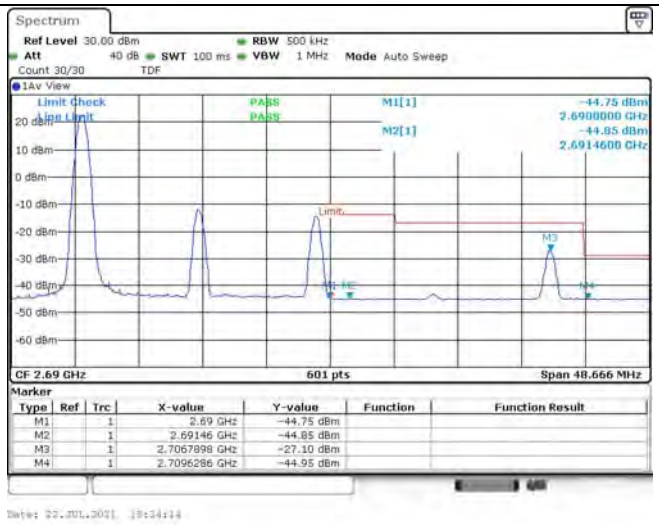
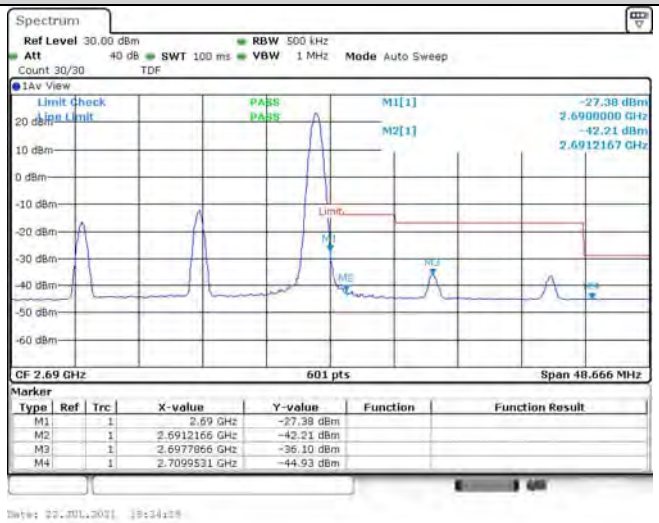
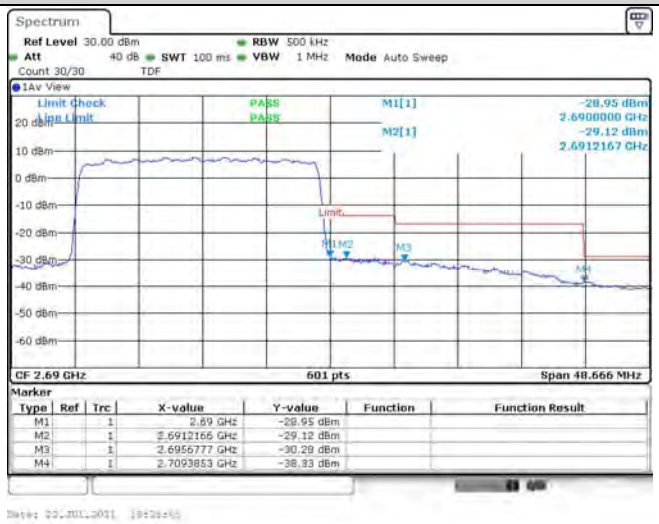


Band41-20MHz-16QAM-41490-1RB#99



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



1.5. Appendix E: Conducted Spurious Emission

Test Result

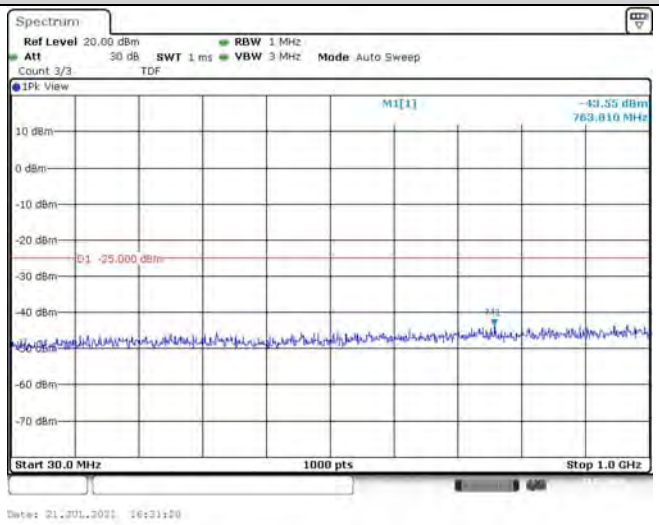
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range1:30~1000MHz	-43.55	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~3000MHz	-37.98	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range3:3000~26500MHz	-31.61	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-43.37	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-27.58	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-31.51	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-43.47	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:1000~3000MHz	-26.74	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range3:3000~26500MHz	-30.55	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:30~1000MHz	-42.97	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range2:1000~3000MHz	-38.24	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range3:3000~26500MHz	-32.14	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-43.3	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-28.17	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-31.37	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:30~1000MHz	-42.47	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range2:1000~3000MHz	-27.05	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range3:3000~26500MHz	-30.35	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-43.33	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:1000~3000MHz	-37.96	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range3:3000~26500MHz	-31.35	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-43.88	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-27.4	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-31.63	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:30~1000MHz	-43.01	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range2:1000~3000MHz	-27.56	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range3:3000~26500MHz	-31.4	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:30~1000MHz	-43.16	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range2:1000~3000MHz	-39.1	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range3:3000~26500MHz	-31.77	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-43.06	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-28.22	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-31.9	PASS

Band41	10MHz	16QAM	41540	1RB#0	Range1:30~1000MHz	-42.29	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range2:1000~3000MHz	-27.43	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range3:3000~26500MHz	-31.49	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-43.54	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~3000MHz	-33.85	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range3:3000~26500MHz	-32.07	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-43.58	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-28.97	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-32.1	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-42.19	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:1000~3000MHz	-28.38	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range3:3000~26500MHz	-31.12	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:30~1000MHz	-43.42	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range2:1000~3000MHz	-33.43	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range3:3000~26500MHz	-31.83	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-42.69	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-28.21	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-31.04	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:30~1000MHz	-43.1	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range2:1000~3000MHz	-28.29	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range3:3000~26500MHz	-31.27	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-43.11	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:1000~3000MHz	-27.34	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range3:3000~26500MHz	-31.13	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-43.77	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-30.32	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-31.16	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-43.52	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:1000~3000MHz	-28.28	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range3:3000~26500MHz	-31.17	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:30~1000MHz	-43.32	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range2:1000~3000MHz	-29.22	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range3:3000~26500MHz	-31.41	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-43.41	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-28.48	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-31.35	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:30~1000MHz	-43.5	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range2:1000~3000MHz	-26.65	PASS

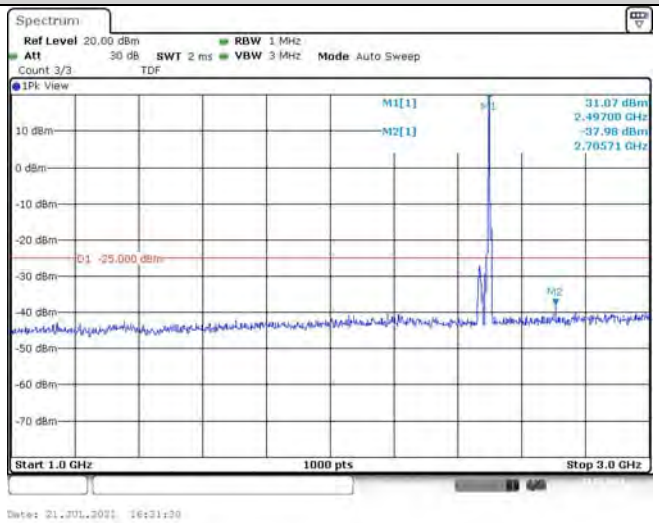
Band41	20MHz	16QAM	41490	1RB#0	Range3:3000~26500MHz	-31.21	PASS

Test Graphs

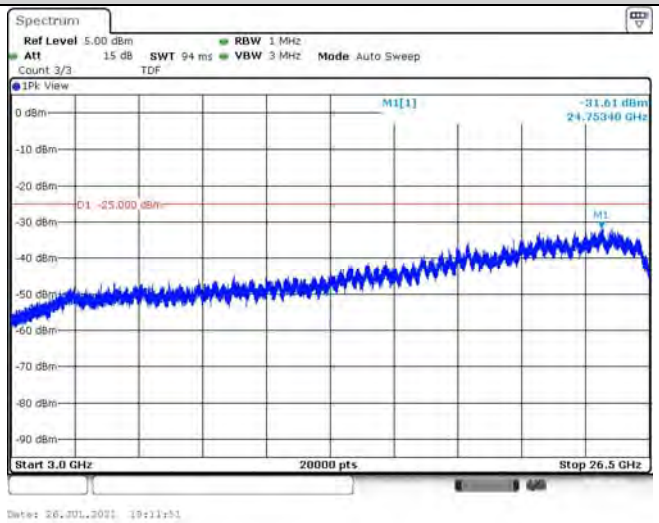
Band41-5MHz-QPSK-39675-1RB#0-Range1:30~1000MHz



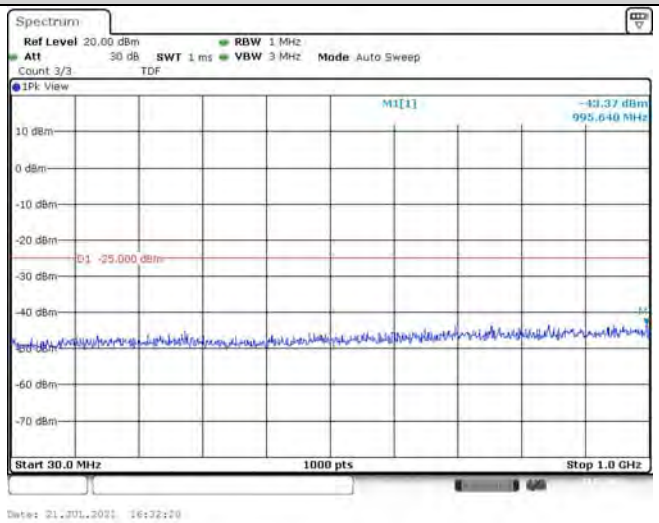
Band41-5MHz-QPSK-39675-1RB#0-Range2:1000~3000MHz



Band41-5MHz-QPSK-39675-1RB#0-Range3:3000~26500MHz



Band41-5MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



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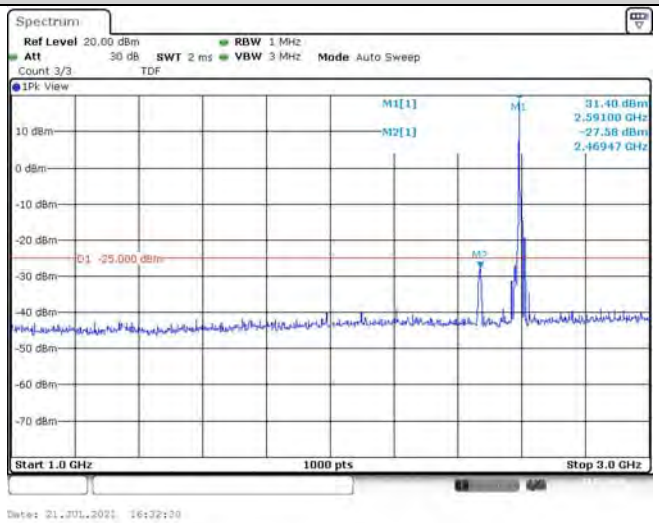
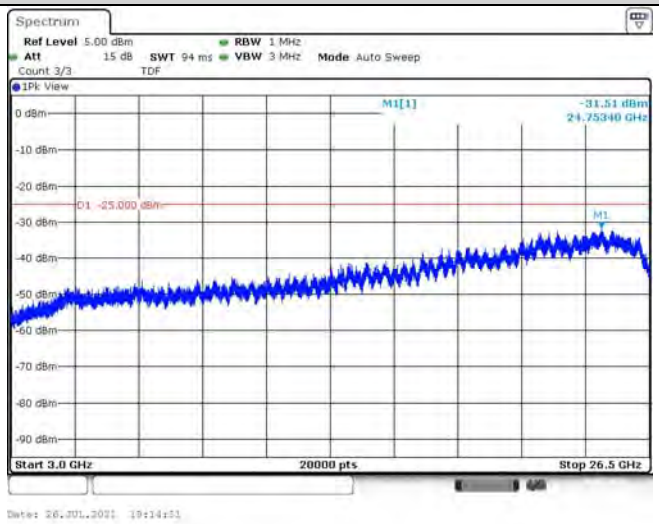
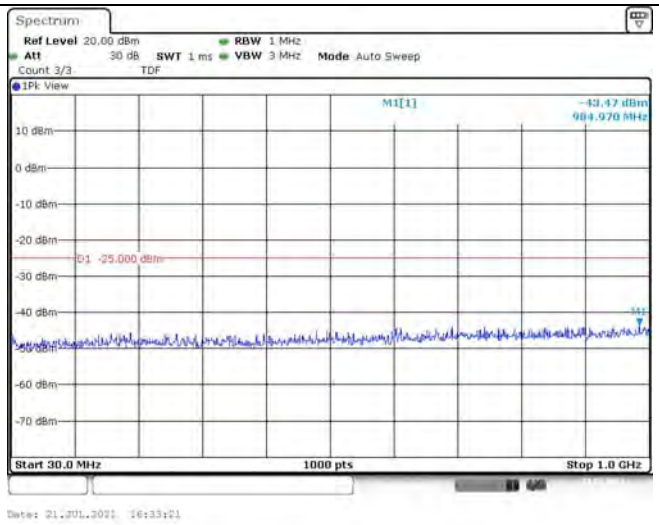


Band41-5MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz



Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz



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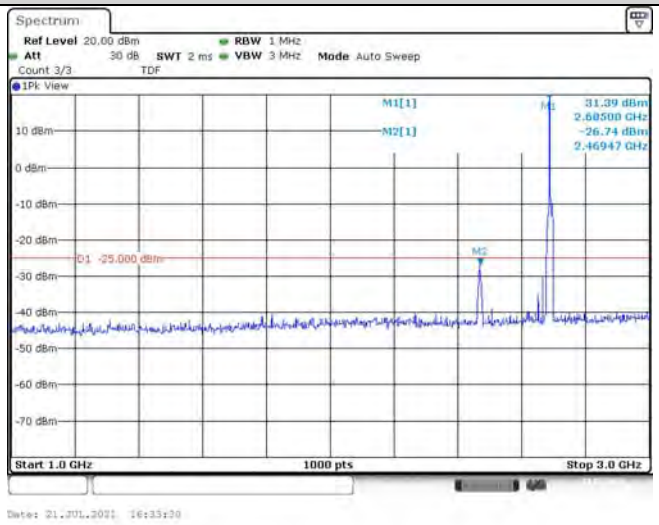
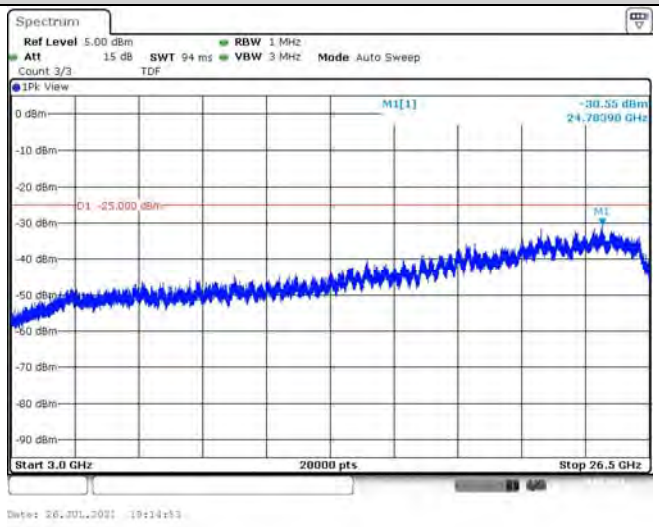
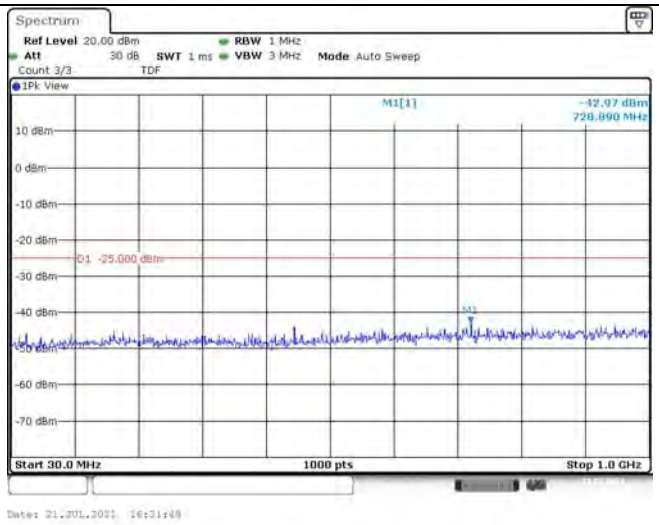


Band41-5MHz-QPSK-41565-1RB#0-Range3:3000~26500MHz



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



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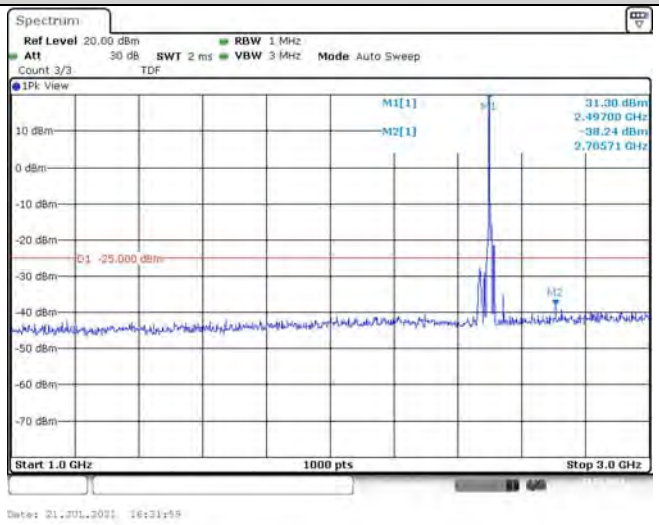
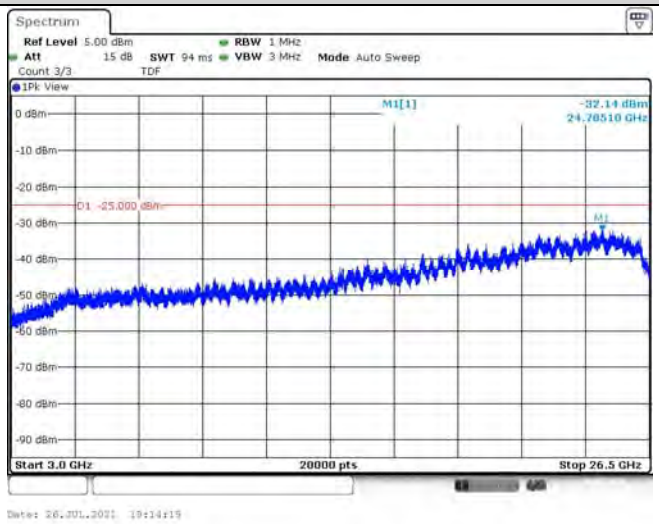
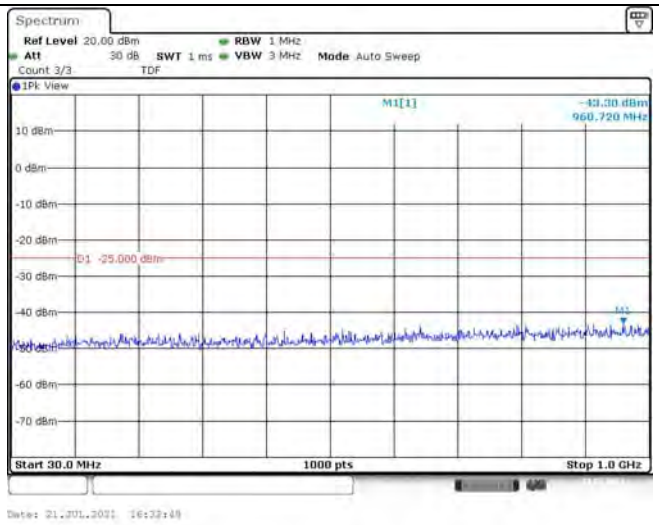


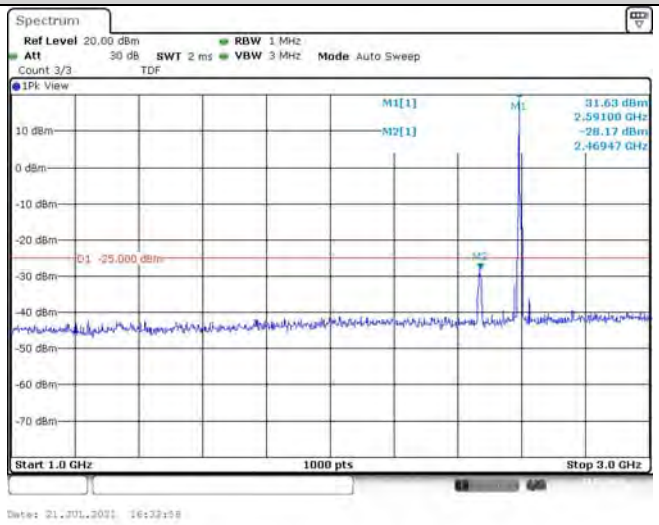
Band41-5MHz-16QAM-39675-1RB#0-Range3:3000~26500MHz



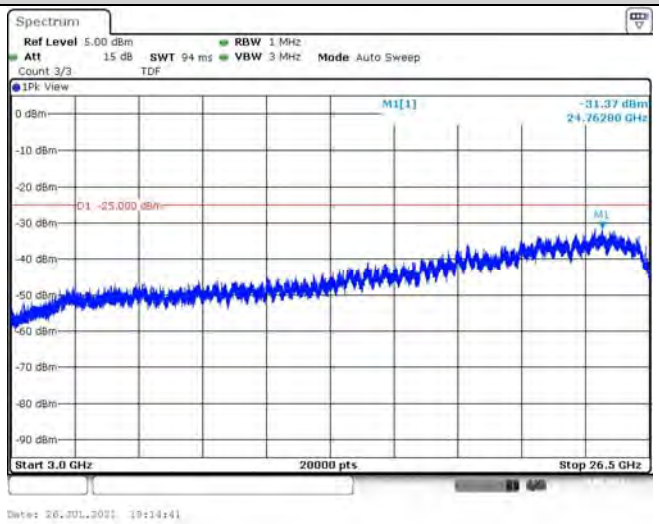
Band41-5MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



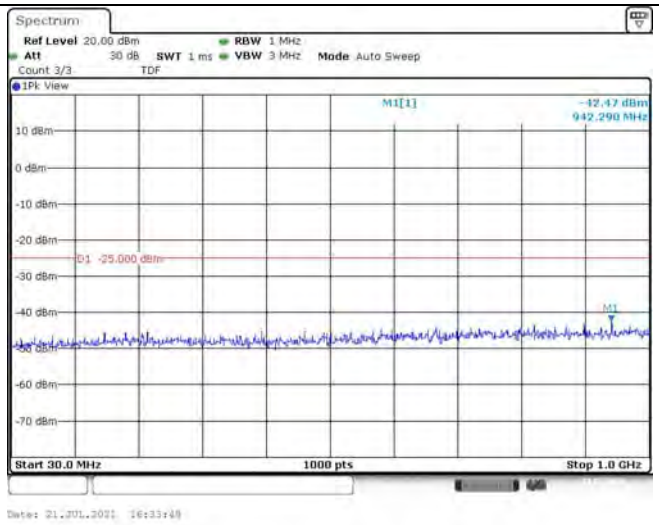
Band41-5MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



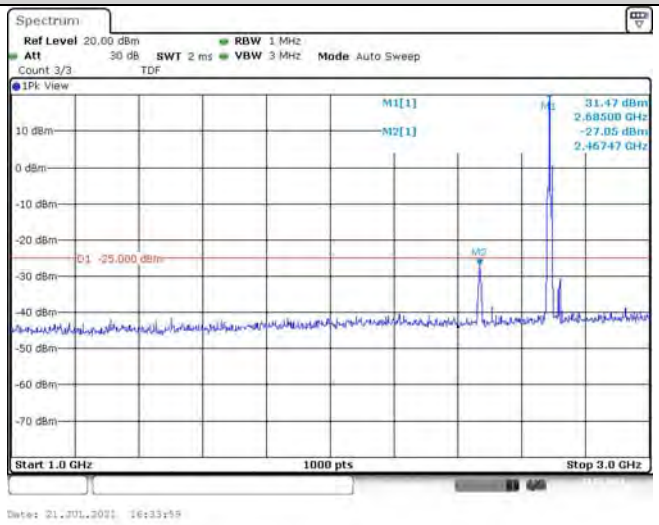
Band41-5MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



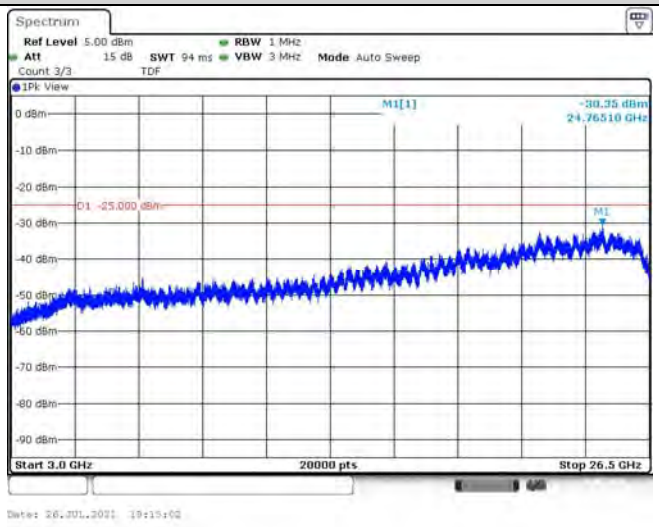
Band41-5MHz-16QAM-41565-1RB#0-Range1:30~1000MHz



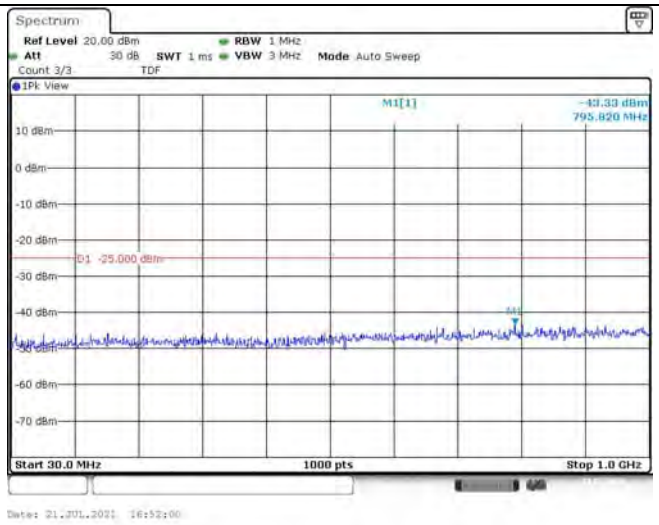
Band41-5MHz-16QAM-41565-1RB#0-Range2:1000~3000MHz



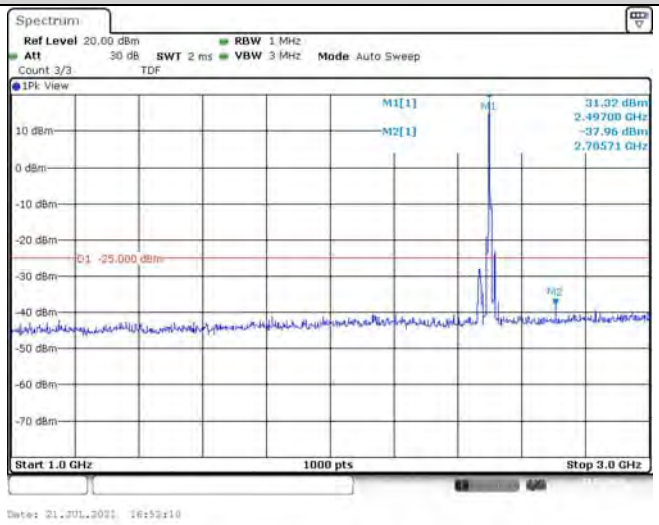
Band41-5MHz-16QAM-41565-1RB#0-Range3:3000~26500MHz



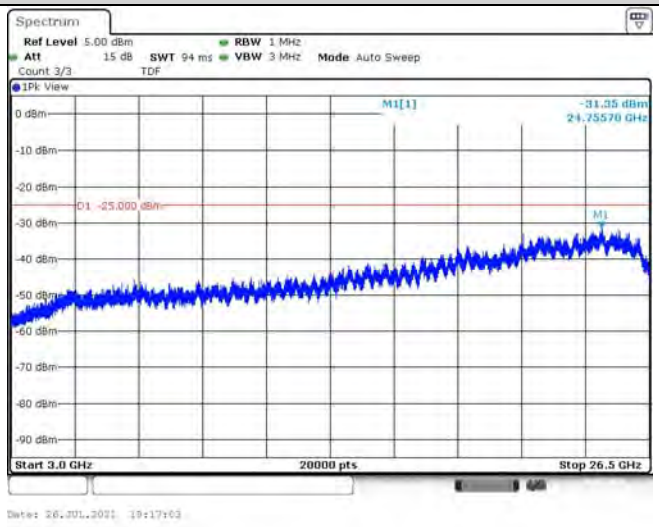
Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz



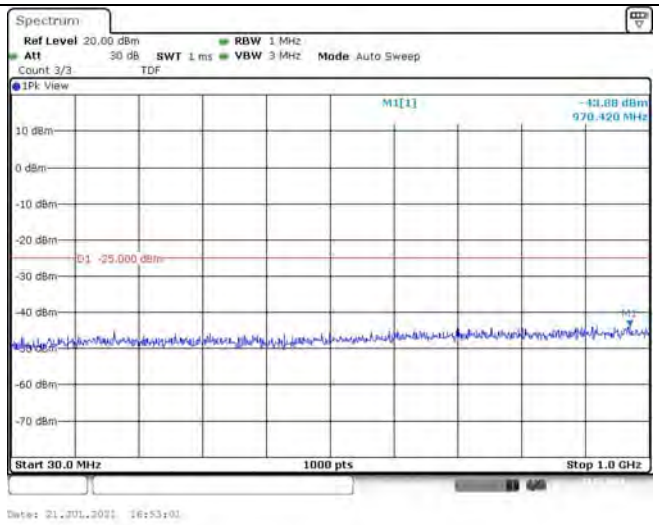
Band41-10MHz-QPSK-39700-1RB#0-Range2:1000~3000MHz



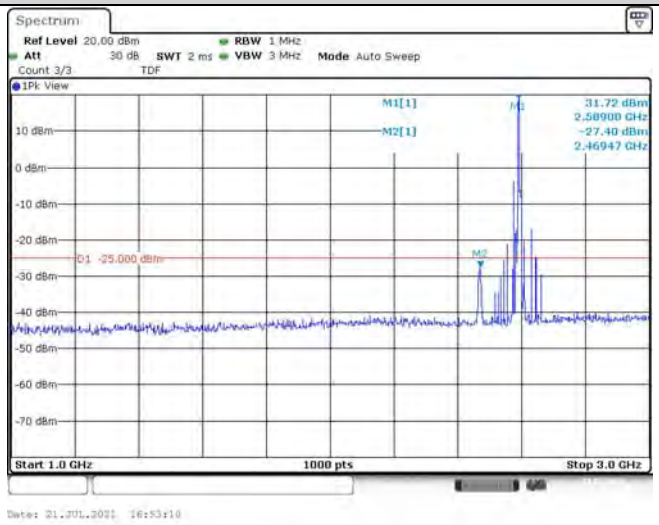
Band41-10MHz-QPSK-39700-1RB#0-Range3:3000~26500MHz



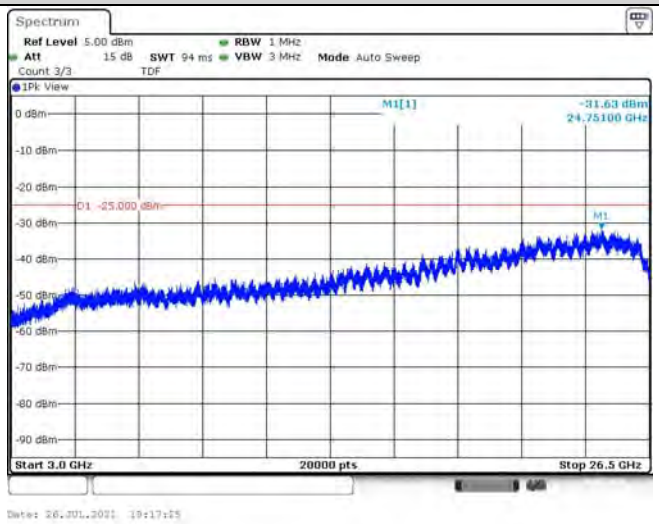
Band41-10MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



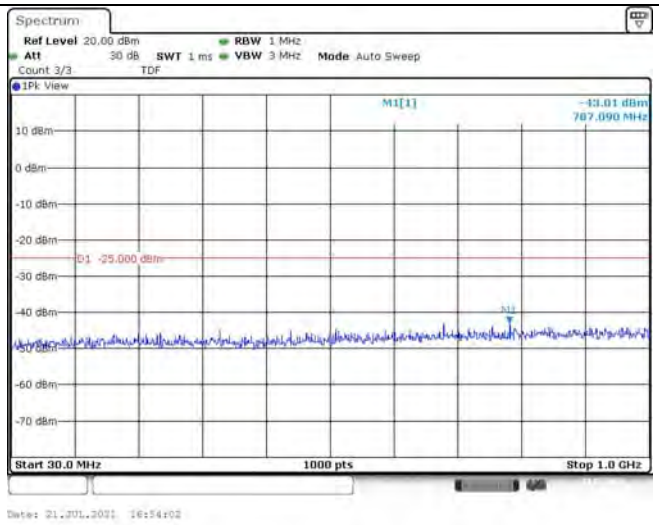
Band41-10MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



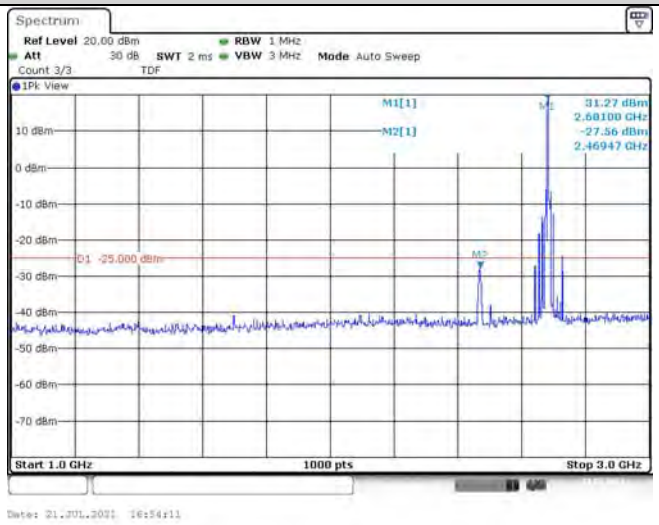
Band41-10MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz



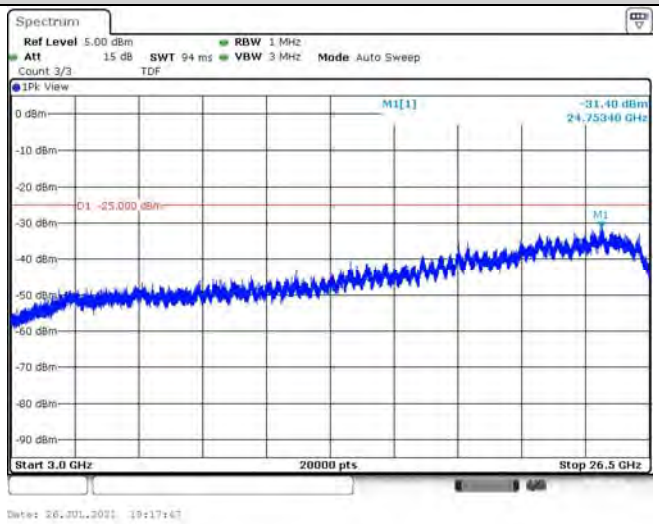
Band41-10MHz-QPSK-41540-1RB#0-Range1:30~1000MHz



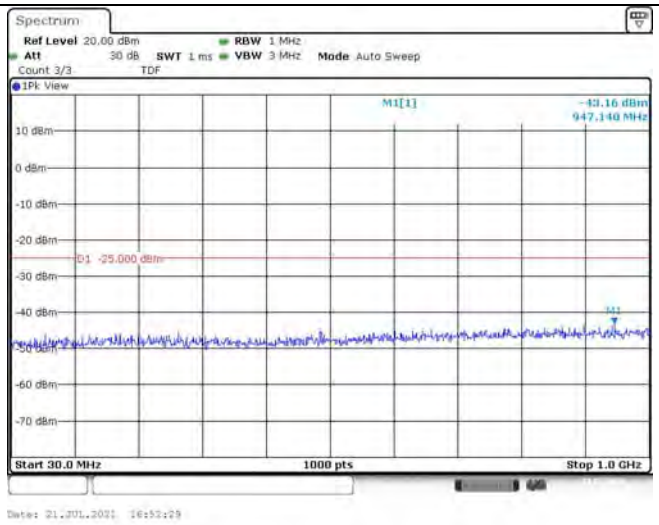
Band41-10MHz-QPSK-41540-1RB#0-Range2:1000~3000MHz



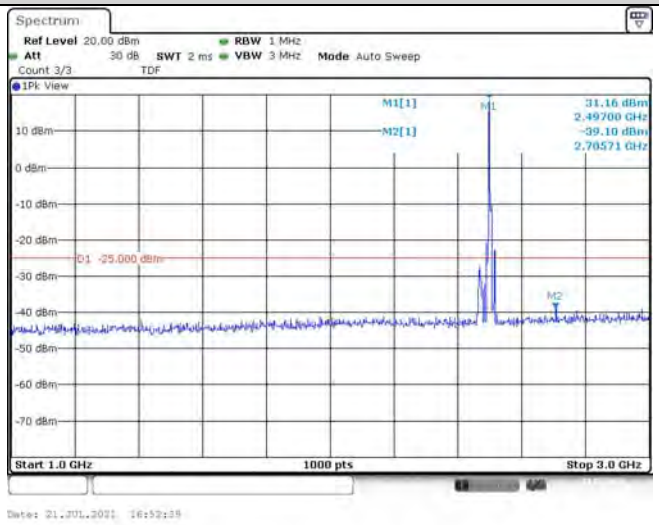
Band41-10MHz-QPSK-41540-1RB#0-Range3:3000~26500MHz



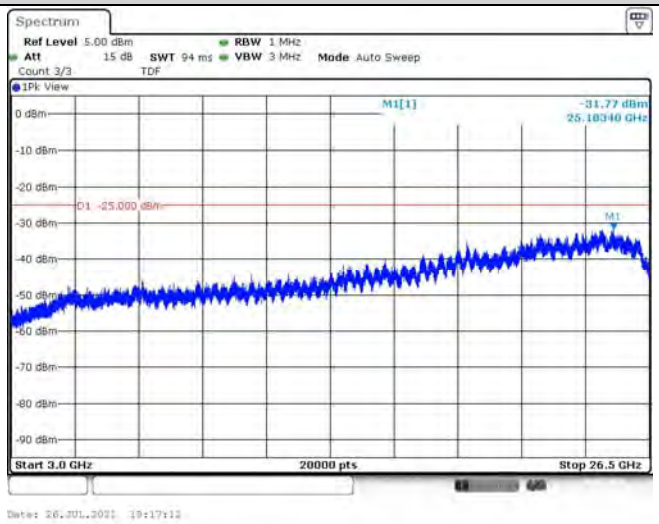
Band41-10MHz-16QAM-39700-1RB#0-Range1:30~1000MHz



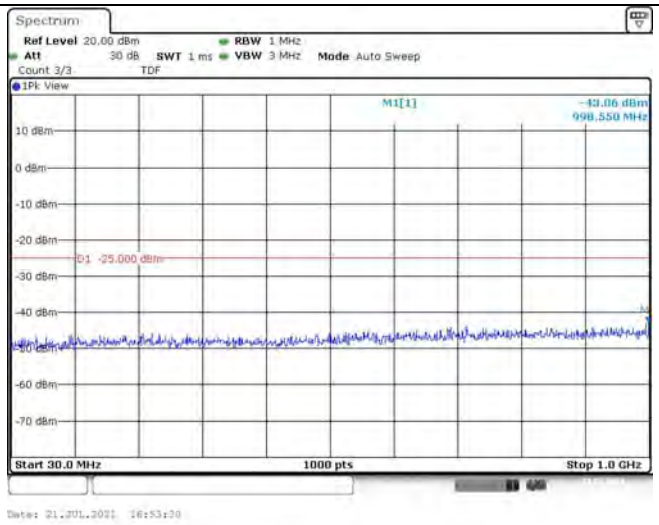
Band41-10MHz-16QAM-39700-1RB#0-Range2:1000~3000MHz



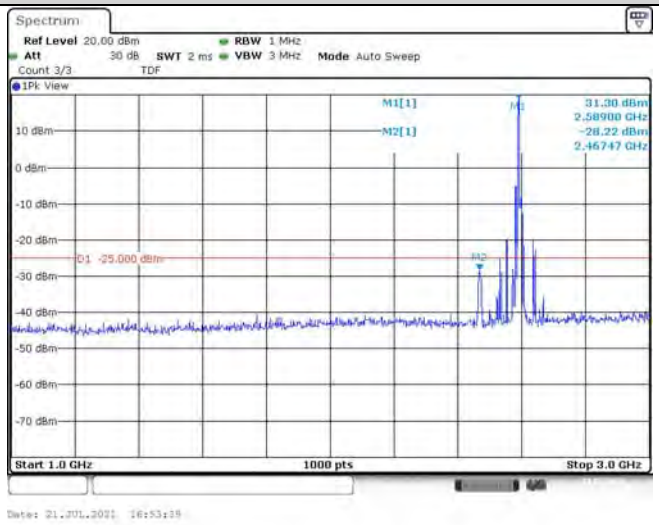
Band41-10MHz-16QAM-39700-1RB#0-Range3:3000~26500MHz



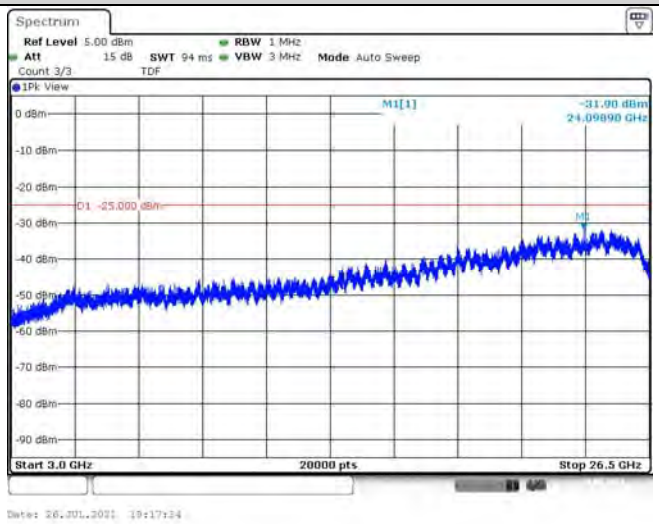
Band41-10MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



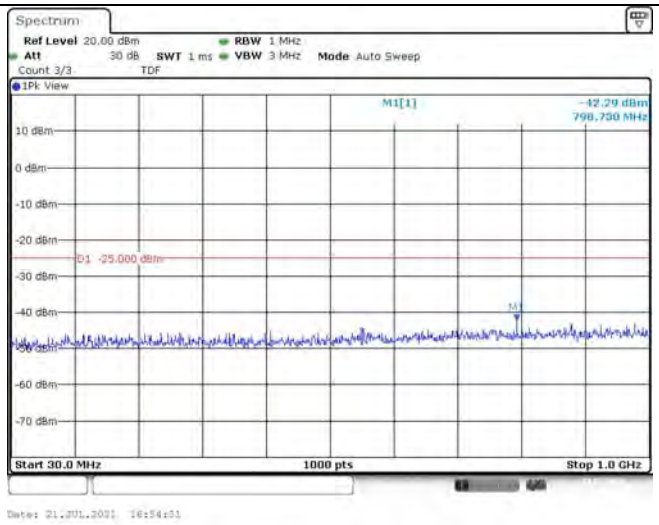
Band41-10MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



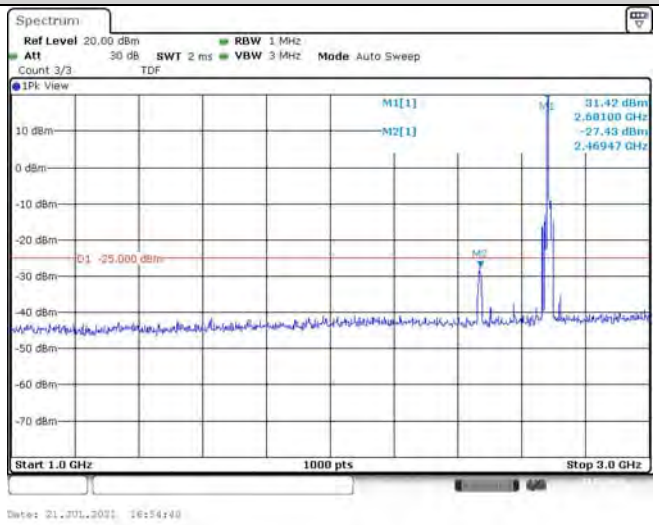
Band41-10MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



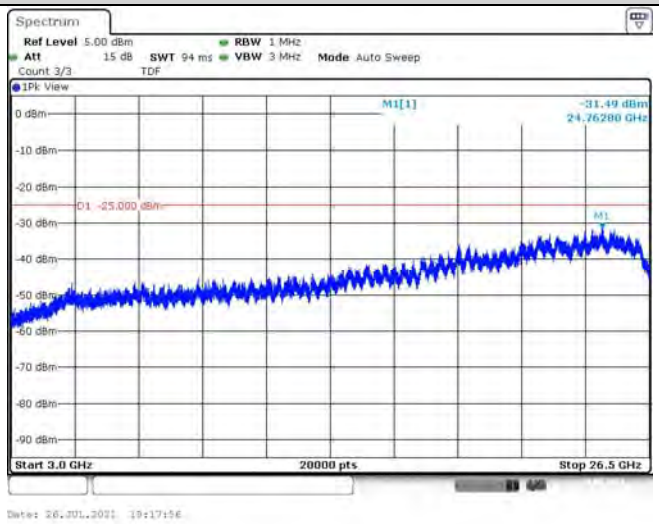
Band41-10MHz-16QAM-41540-1RB#0-Range1:30~1000MHz



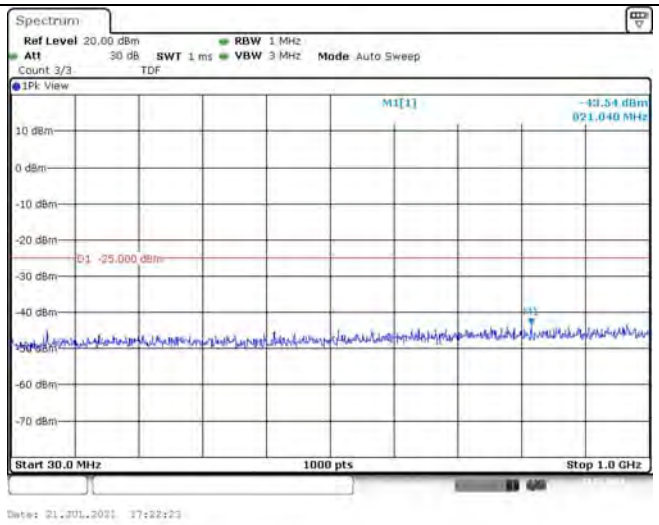
Band41-10MHz-16QAM-41540-1RB#0-Range2:1000~3000MHz



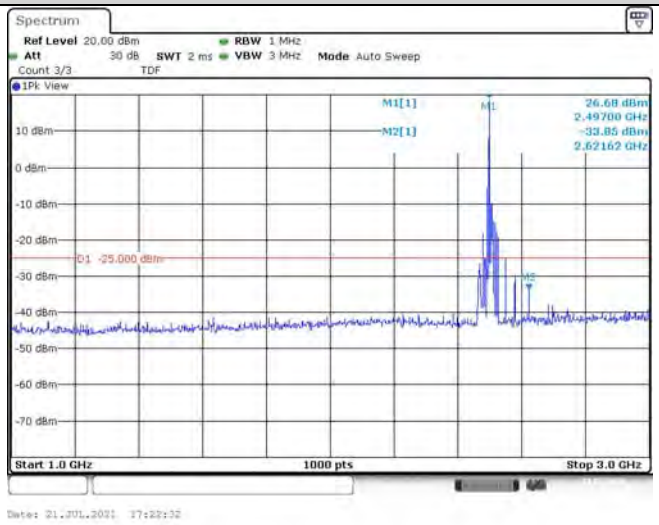
Band41-10MHz-16QAM-41540-1RB#0-Range3:3000~26500MHz



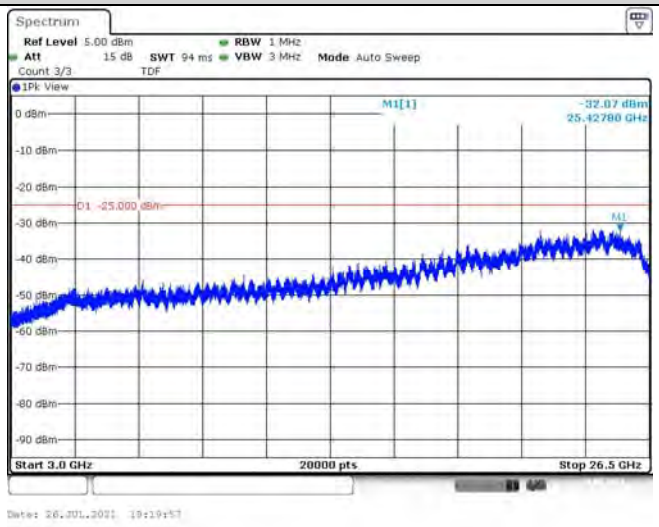
Band41-15MHz-QPSK-39725-1RB#0-Range1:30~1000MHz



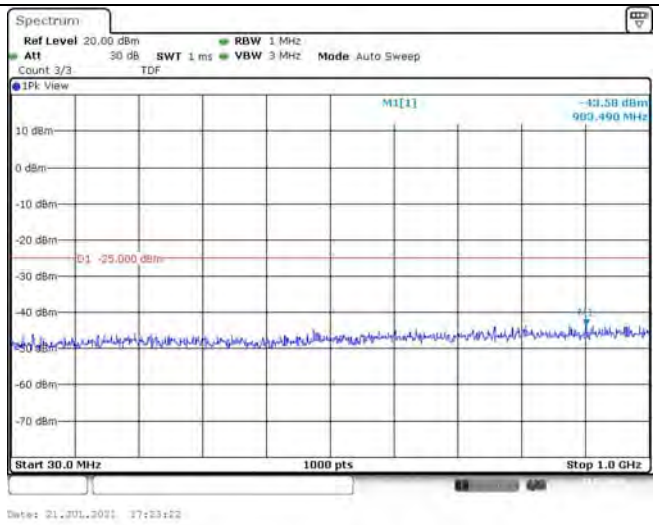
Band41-15MHz-QPSK-39725-1RB#0-Range2:1000~3000MHz



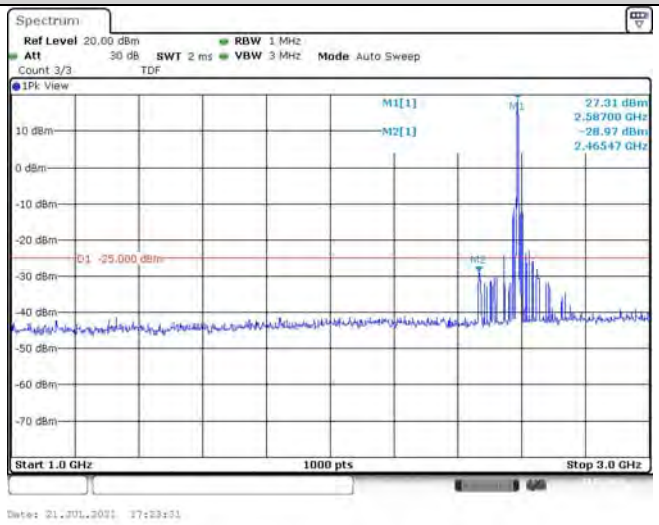
Band41-15MHz-QPSK-39725-1RB#0-Range3:3000~26500MHz



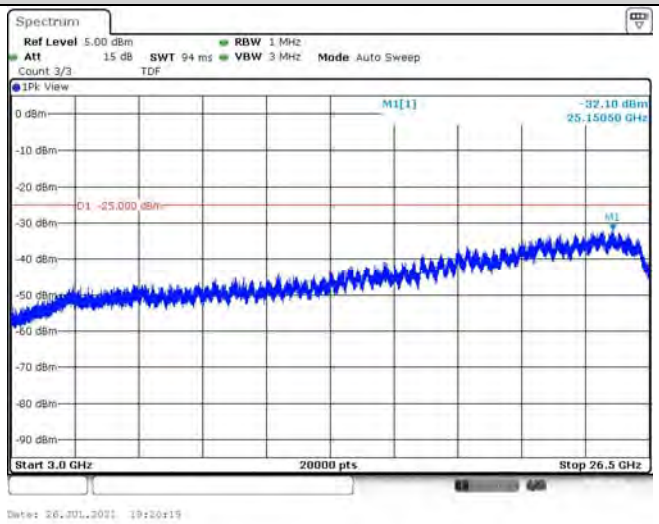
Band41-15MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



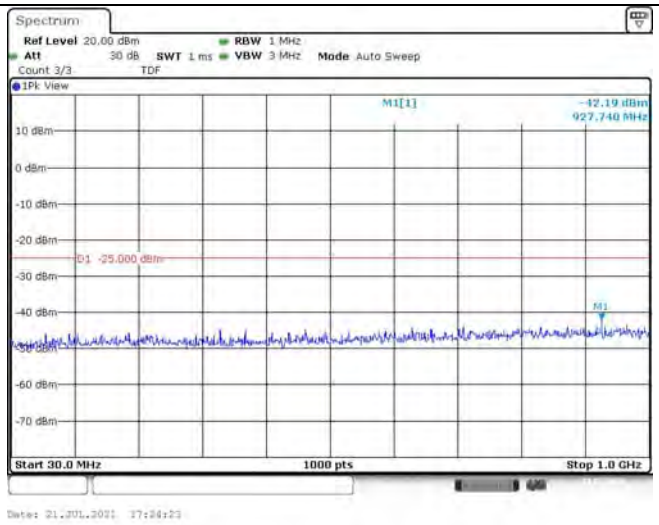
Band41-15MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



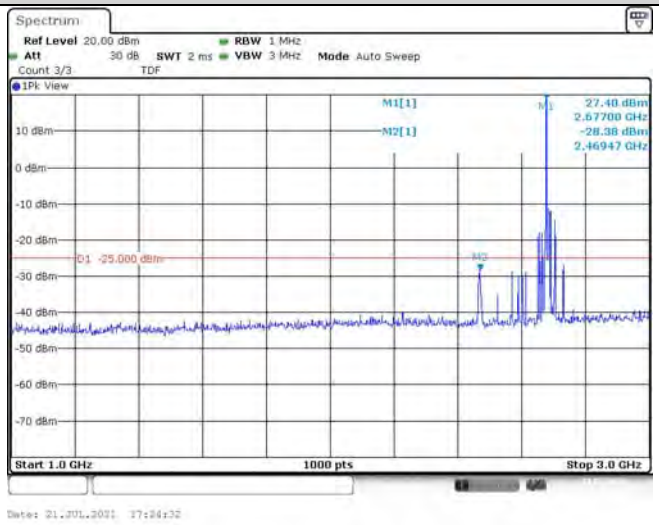
Band41-15MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz



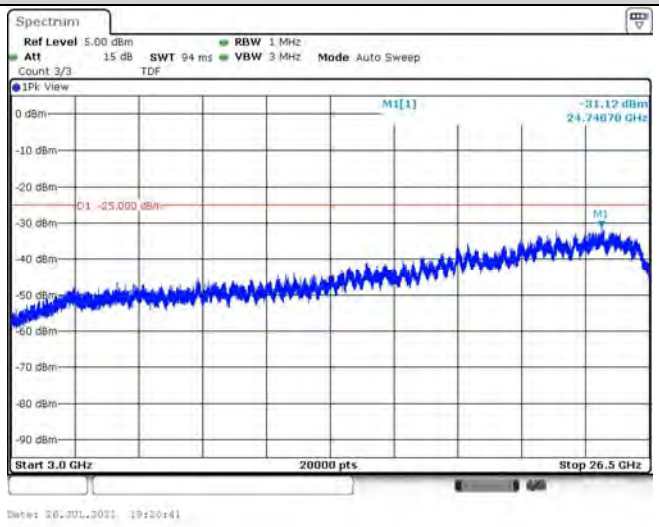
Band41-15MHz-QPSK-41515-1RB#0-Range1:30~1000MHz



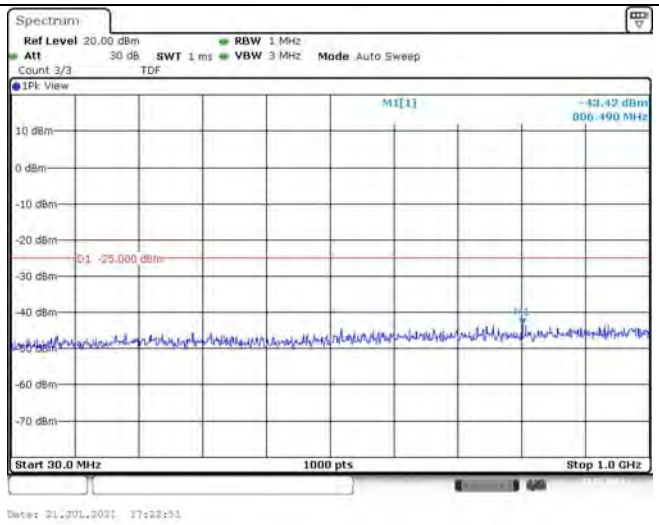
Band41-15MHz-QPSK-41515-1RB#0-Range2:1000~3000MHz



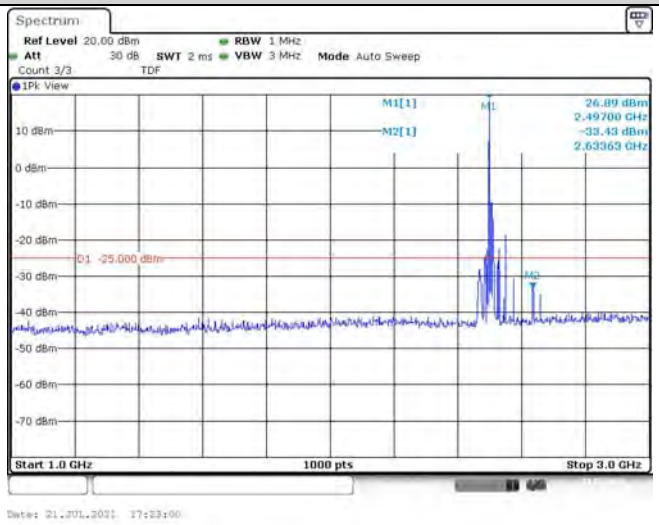
Band41-15MHz-QPSK-41515-1RB#0-Range3:3000~26500MHz



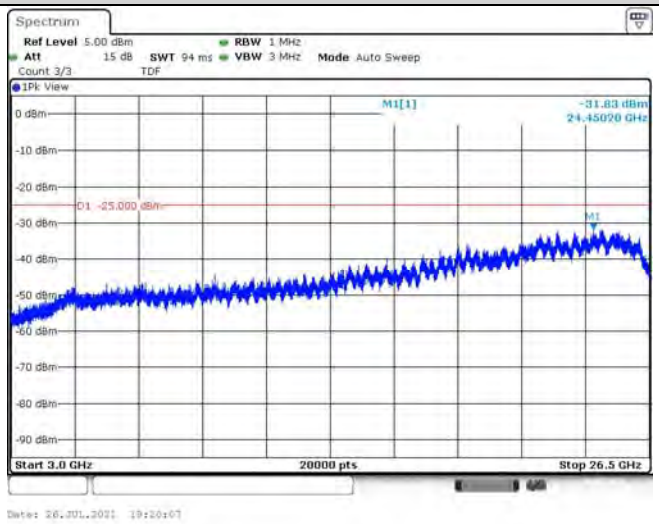
Band41-15MHz-16QAM-39725-1RB#0-Range1:30~1000MHz



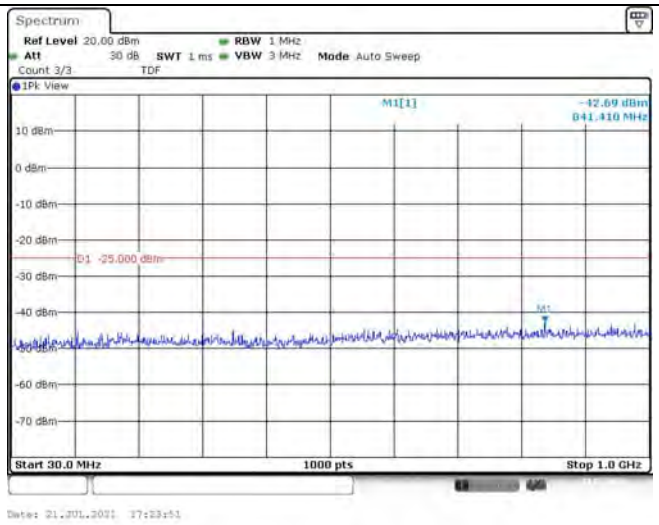
Band41-15MHz-16QAM-39725-1RB#0-Range2:1000~3000MHz



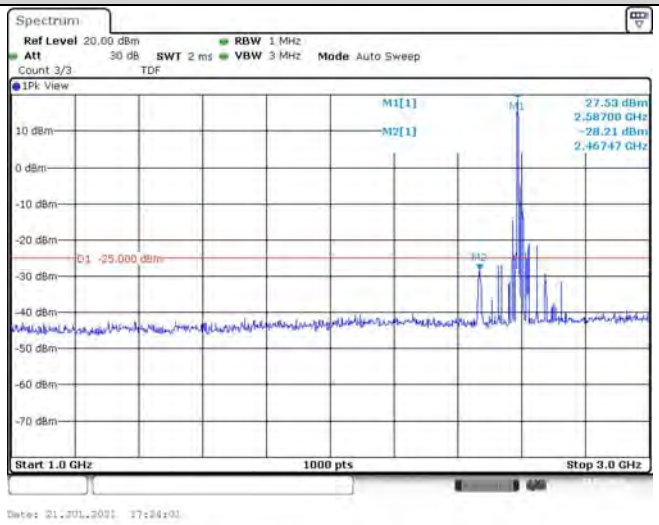
Band41-15MHz-16QAM-39725-1RB#0-Range3:3000~26500MHz



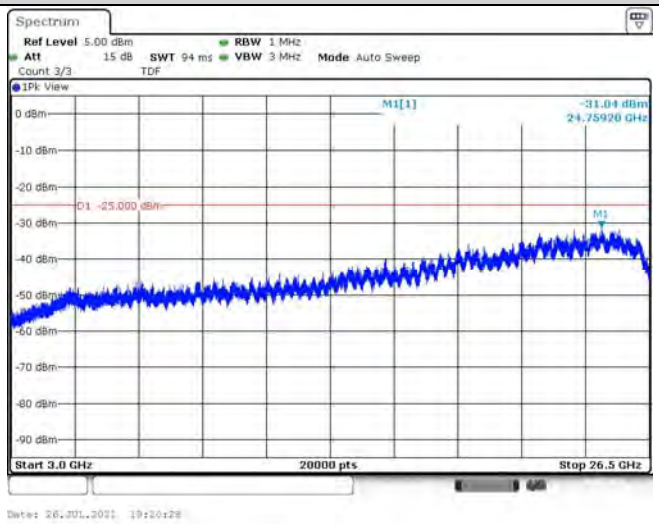
Band41-15MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



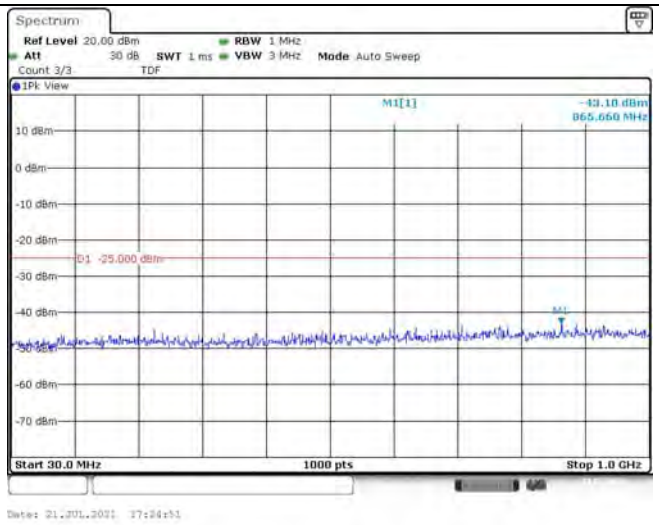
Band41-15MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



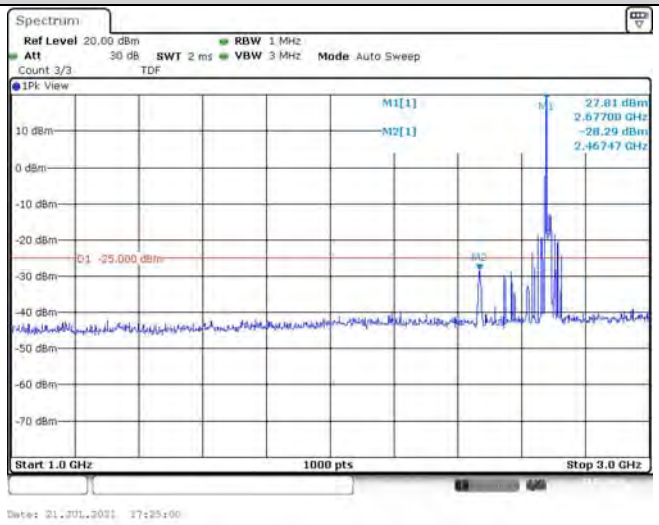
Band41-15MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



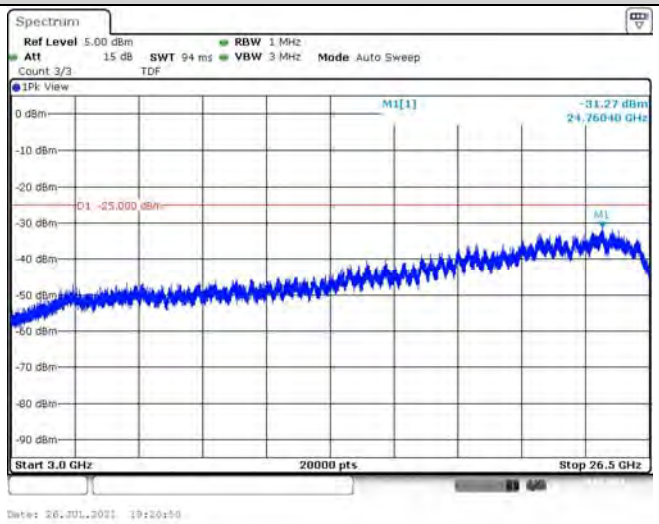
Band41-15MHz-16QAM-41515-1RB#0-Range1:30~1000MHz



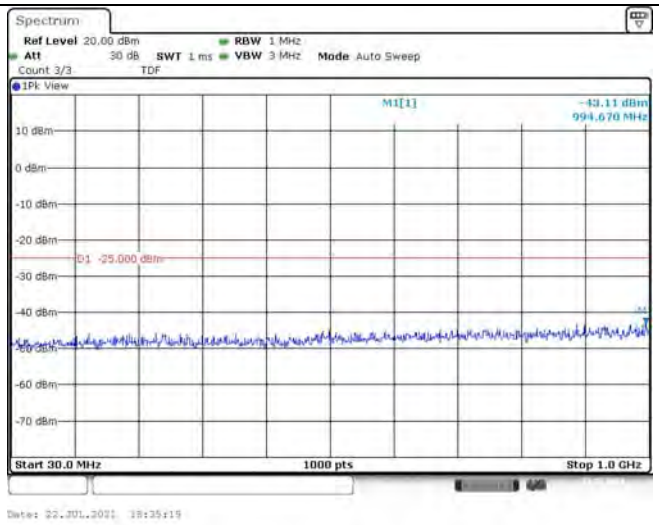
Band41-15MHz-16QAM-41515-1RB#0-Range2:1000~3000MHz



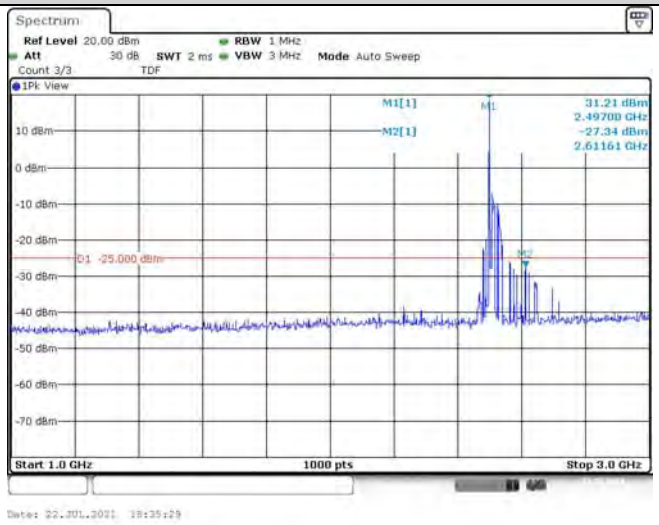
Band41-15MHz-16QAM-41515-1RB#0-Range3:3000~26500MHz



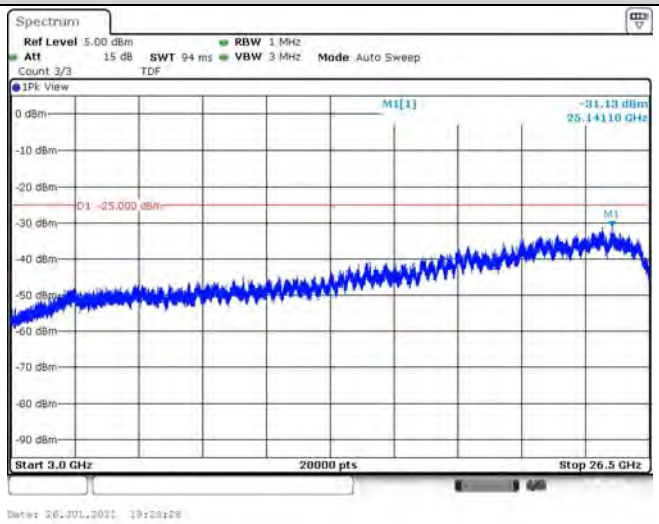
Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz



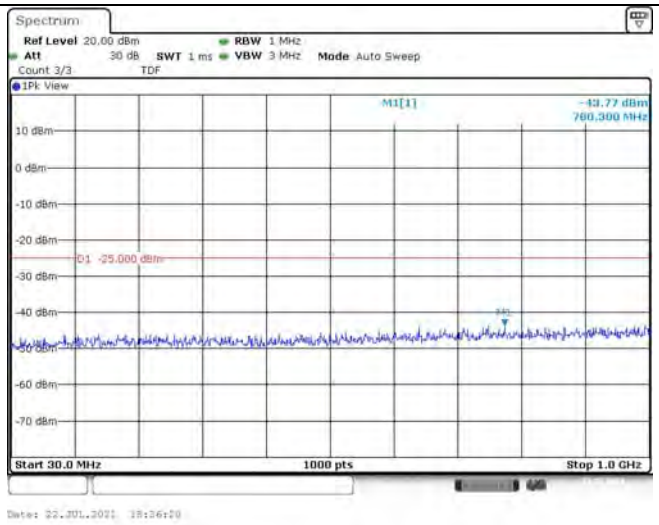
Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~3000MHz



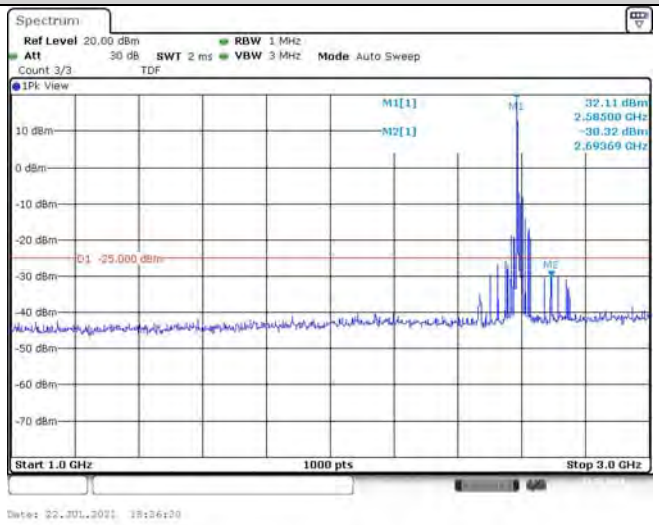
Band41-20MHz-QPSK-39750-1RB#0-Range3:3000~26500MHz



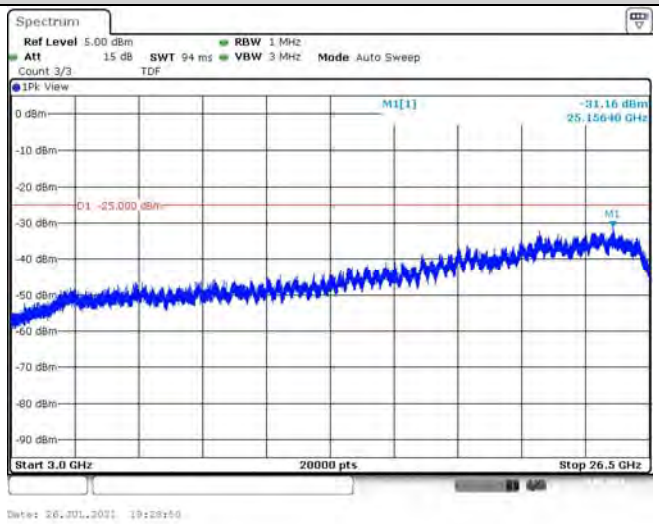
Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



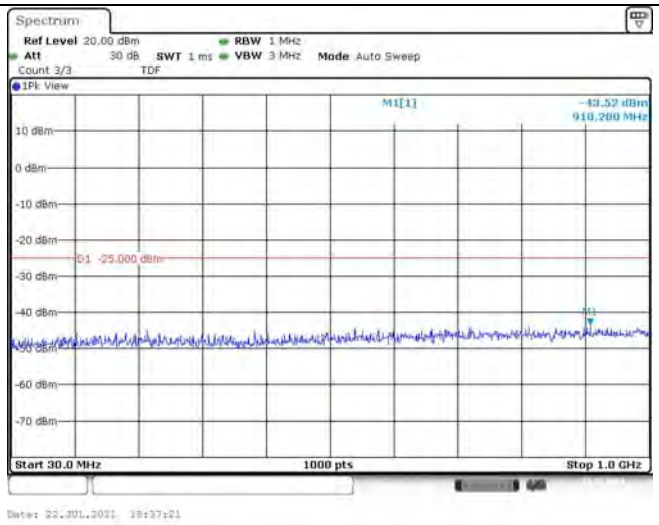
Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



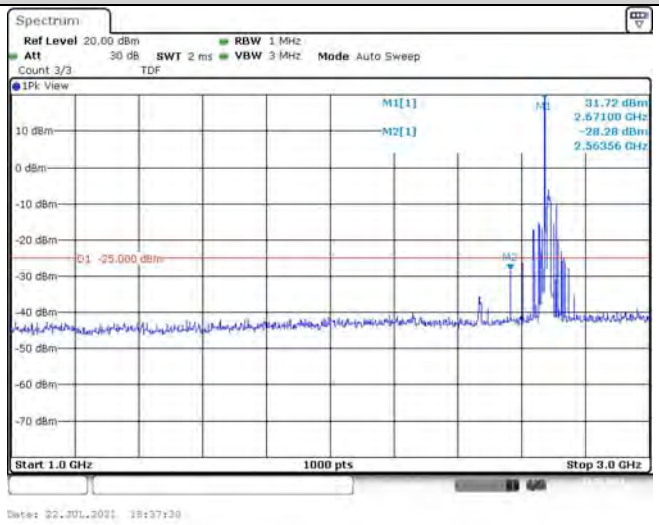
Band41-20MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz



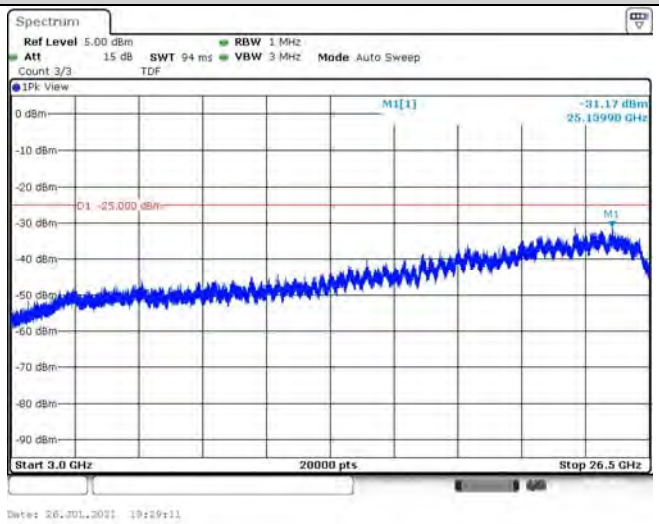
Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz



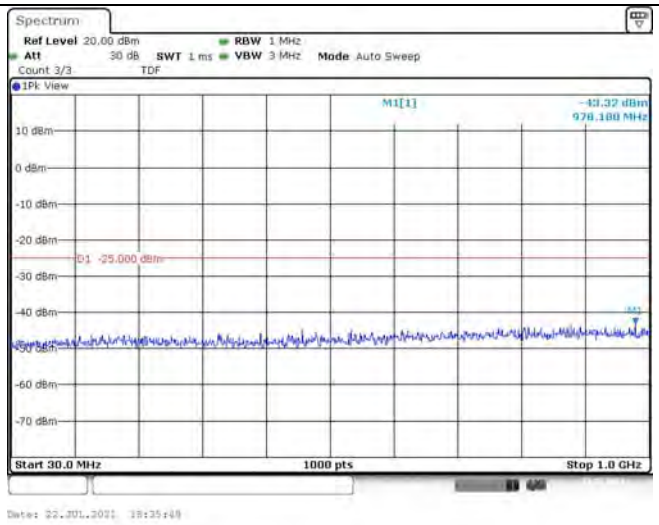
Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~3000MHz



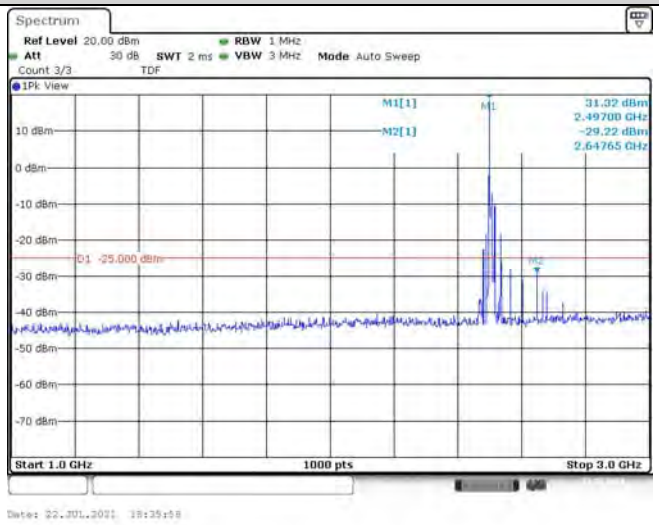
Band41-20MHz-QPSK-41490-1RB#0-Range3:3000~26500MHz



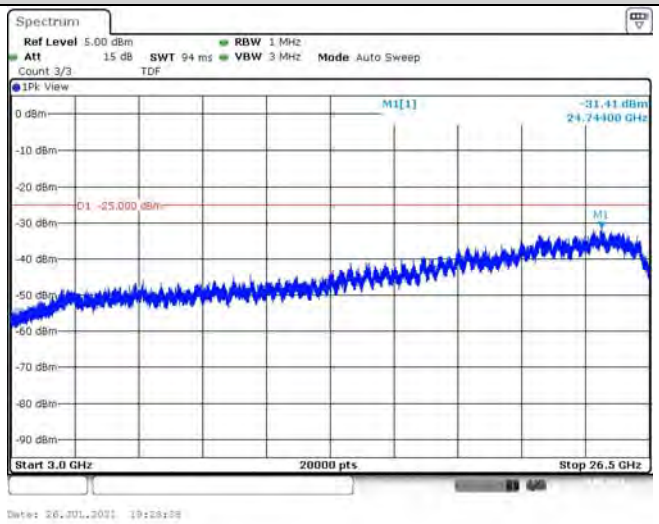
Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



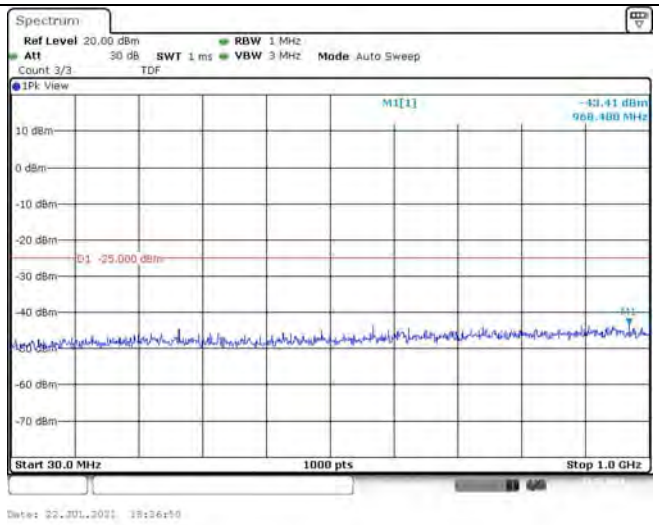
Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~3000MHz



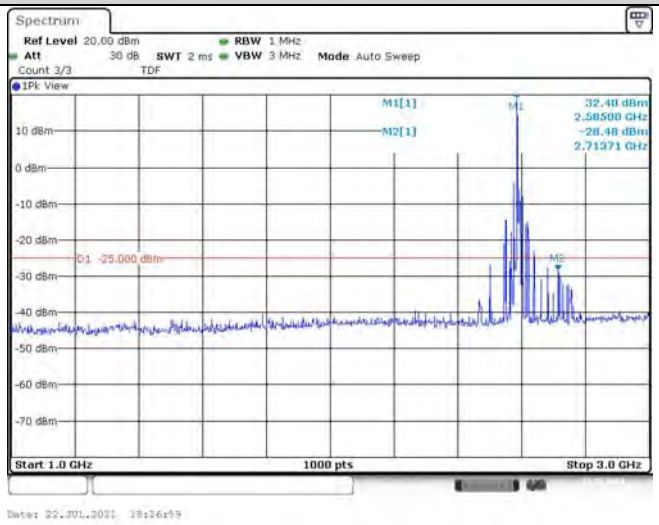
Band41-20MHz-16QAM-39750-1RB#0-Range3:3000~26500MHz



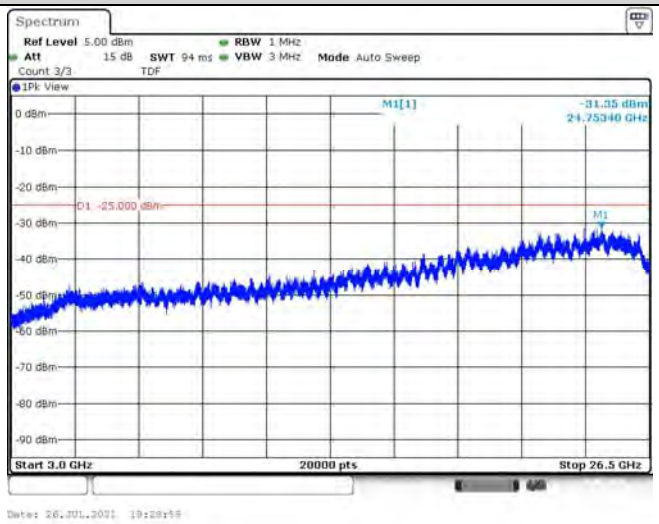
Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



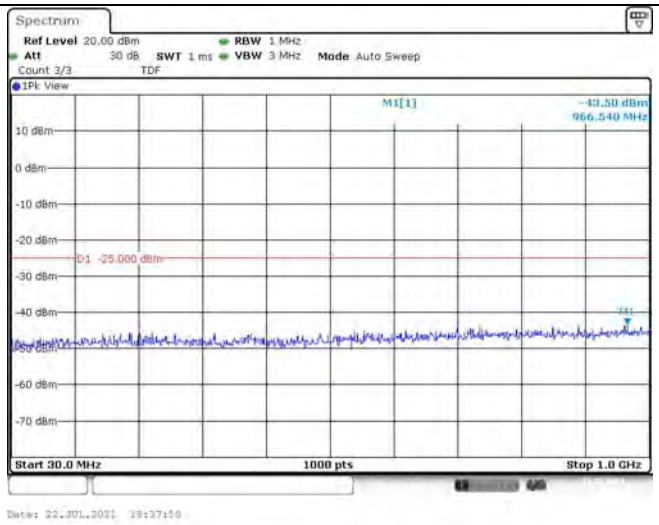
Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



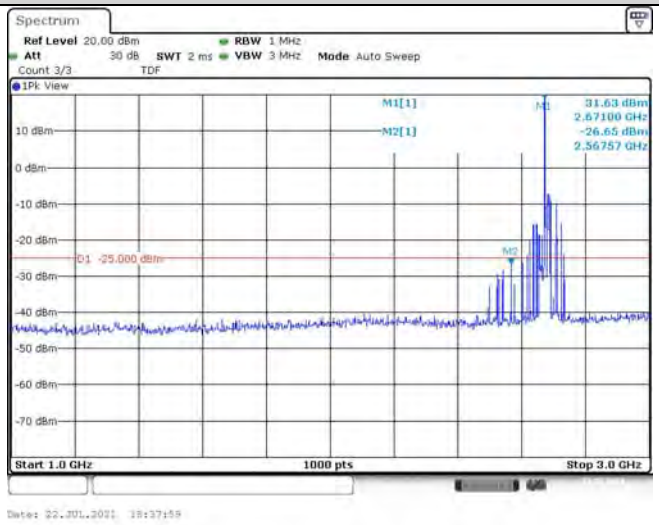
Band41-20MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



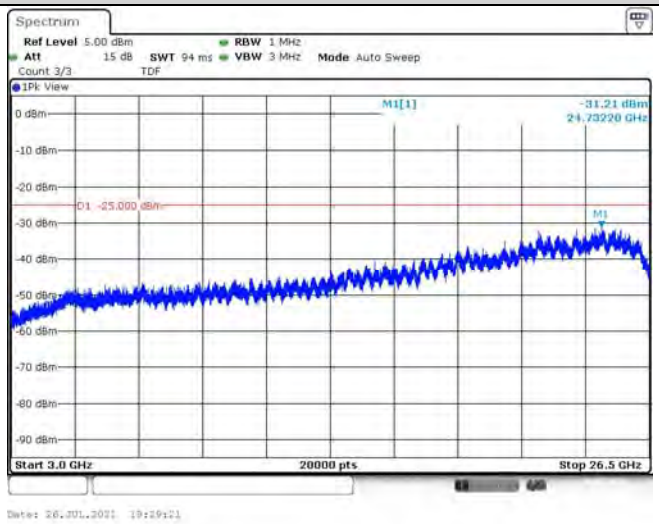
Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz



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



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



1.6. Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	VL	NT	11.60	0.004643	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	VN	NT	17.52	0.007012	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	VH	NT	14.38	0.005755	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VL	NT	13.03	0.005025	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VN	NT	15.21	0.005866	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VH	NT	21.57	0.008319	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VL	NT	11.17	0.004156	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VN	NT	12.97	0.004826	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VH	NT	14.09	0.005243	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VL	NT	12.75	0.005103	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VN	NT	15.29	0.006120	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VH	NT	16.39	0.006560	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VL	NT	11.63	0.004485	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VN	NT	15.26	0.005885	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VH	NT	11.96	0.004612	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VL	NT	11.44	0.004257	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VN	NT	14.25	0.005302	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VH	NT	12.82	0.004770	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VL	NT	15.84	0.006333	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VN	NT	17.85	0.007137	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VH	NT	15.72	0.006285	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VL	NT	16.04	0.006186	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VN	NT	19.24	0.007420	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VH	NT	14.59	0.005627	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VL	NT	7.31	0.002723	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VN	NT	7.90	0.002942	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VH	NT	9.50	0.003538	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VL	NT	14.72	0.005886	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VN	NT	20.34	0.008133	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VH	NT	14.73	0.005890	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VL	NT	13.43	0.005179	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VN	NT	13.90	0.005361	±2.5	PASS

Band41	10MHz	16QAM	40620	50RB#0	VH	NT	14.20	0.005476	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VL	NT	10.53	0.003922	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VN	NT	10.14	0.003777	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VH	NT	10.93	0.004071	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VL	NT	13.20	0.005273	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VN	NT	10.51	0.004198	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VH	NT	8.17	0.003263	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VL	NT	11.63	0.004485	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VN	NT	9.78	0.003772	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VH	NT	14.89	0.005742	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VL	NT	13.40	0.004995	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VN	NT	12.02	0.004481	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VH	NT	12.83	0.004783	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VL	NT	7.91	0.003160	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VN	NT	7.50	0.002996	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VH	NT	8.73	0.003487	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VL	NT	13.58	0.005237	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VN	NT	6.11	0.002356	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VH	NT	11.07	0.004269	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VL	NT	14.85	0.005536	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VN	NT	16.54	0.006166	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VH	NT	14.83	0.005528	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	14.03	0.005599	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	12.85	0.005128	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	-9.67	-0.003859	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	13.53	0.005218	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	15.89	0.006128	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	7.72	0.002977	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	13.66	0.005097	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	15.95	0.005951	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	-9.14	-0.003410	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	11.04	0.004405	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	19.98	0.007973	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	9.81	0.003915	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	16.31	0.006290	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	12.65	0.004879	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	-11.60	-0.004474	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	12.17	0.004541	±2.5	PASS

Band41	20MHz	16QAM	41490	100RB#0	VN	NT	-9.06	-0.003381	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-76.35	-0.028489	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	NV	0	17.28	0.006916	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	10	18.44	0.007380	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	20	17.12	0.006852	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	30	14.88	0.005956	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	40	14.05	0.005623	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	45	15.66	0.006268	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	0	14.95	0.005766	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	10	16.47	0.006352	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	20	12.37	0.004771	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	30	13.72	0.005291	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	40	12.04	0.004643	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	45	11.87	0.004578	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	0	7.85	0.002921	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	10	7.37	0.002742	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	20	10.90	0.004056	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	30	8.63	0.003211	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	40	12.73	0.004737	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	45	11.29	0.004201	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	0	15.61	0.006248	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	10	10.30	0.004122	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	20	14.43	0.005775	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	30	14.31	0.005727	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	40	16.72	0.006692	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	45	14.51	0.005807	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	0	14.53	0.005604	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	10	10.87	0.004192	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	20	11.86	0.004574	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	30	13.06	0.005037	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	40	12.83	0.004948	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	45	13.70	0.005283	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	0	13.69	0.005094	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	10	13.28	0.004941	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	20	13.36	0.004971	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	30	12.52	0.004659	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	40	11.26	0.004190	±2.5	PASS

Band41	5MHz	16QAM	41565	25RB#0	NV	45	7.60	0.002828	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	15.81	0.006321	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	13.39	0.005354	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	15.45	0.006178	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	15.44	0.006174	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	12.53	0.005010	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	45	15.05	0.006018	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	0	14.49	0.005588	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	10	17.61	0.006791	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	20	12.75	0.004917	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	30	18.90	0.007289	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	40	16.54	0.006379	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	45	7.85	0.003027	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	-6.12	-0.002279	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	10	10.96	0.004082	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	10.67	0.003974	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	8.64	0.003218	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	7.87	0.002931	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	45	7.31	0.002723	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	0	16.78	0.006709	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	10	18.88	0.007549	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	20	22.37	0.008944	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	30	15.96	0.006381	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	40	18.35	0.007337	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	45	13.07	0.005226	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	0	17.61	0.006791	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	10	11.87	0.004578	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	20	21.97	0.008473	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	30	13.86	0.005345	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	40	11.32	0.004366	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	45	18.68	0.007204	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	0	6.31	0.002350	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	10	11.32	0.004216	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	20	-9.90	-0.003687	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	30	-10.70	-0.003985	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	40	10.90	0.004060	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	45	11.72	0.004365	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	0	13.52	0.005400	±2.5	PASS

Band41	15MHz	QPSK	39725	75RB#0	NV	10	12.66	0.005057	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	20	12.65	0.005053	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	30	-11.00	-0.004394	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	40	9.94	0.003970	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	45	9.73	0.003887	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	0	13.18	0.005083	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	10	12.15	0.004686	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	20	9.48	0.003656	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	30	10.46	0.004034	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	40	7.04	0.002715	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	45	13.75	0.005303	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	0	8.85	0.003299	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	10	16.35	0.006095	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	20	12.43	0.004634	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	30	8.50	0.003169	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	40	15.01	0.005596	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	45	15.76	0.005875	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	0	10.94	0.004370	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	10	9.34	0.003731	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	20	-8.78	-0.003507	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	30	15.32	0.006119	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	40	11.64	0.004649	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	45	-14.71	-0.005876	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	10	19.24	0.007420	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	20	16.32	0.006294	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	30	13.53	0.005218	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	40	19.90	0.007675	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	45	12.90	0.004975	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	0	15.46	0.005763	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	10	19.04	0.007098	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	20	12.92	0.004816	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	30	10.61	0.003955	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	40	14.33	0.005342	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	45	9.11	0.003396	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	10.31	0.004114	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	17.97	0.007171	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	13.68	0.005459	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	10.80	0.004310	±2.5	PASS

Band41	20MHz	QPSK	39750	100RB#0	NV	40	15.65	0.006245	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	45	13.46	0.005371	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	-66.96	-0.025823	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	16.32	0.006294	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	17.32	0.006680	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	10.20	0.003934	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	18.11	0.006984	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	45	18.54	0.007150	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	13.76	0.005134	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	13.26	0.004948	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	9.50	0.003545	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	5.98	0.002231	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	20.69	0.007720	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	45	12.77	0.004765	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	12.72	0.005076	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	9.93	0.003962	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	11.49	0.004585	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	11.67	0.004657	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	8.91	0.003555	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	45	12.57	0.005016	±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	9.54	0.003679	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	11.06	0.004265	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	8.03	0.003097	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	13.95	0.005380	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	45	14.39	0.005550	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	7.24	0.002701	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	10.40	0.003881	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	-9.48	-0.003537	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	8.38	0.003127	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	10.97	0.004093	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	45	8.55	0.003190	±2.5	PASS

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