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Appendix for LTE Band 41

Applicant: UCLOUDLINK (SINGAPORE) PTE.LTD

Address: 80 ROBINSON ROAD #02-00 SINGAPORE

Product Name: 4G Wireless Data Terminal

Model: GLMX23A01

FCC ID: 2BB6E-GLMX23A01

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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	22.69	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.04	PASS
Band41	5MHz	QPSK	39675	1RB#12	22.81	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.07	PASS
Band41	5MHz	QPSK	39675	1RB#24	22.85	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.01	PASS
Band41	5MHz	QPSK	39675	12RB#0	22.15	PASS
Band41	5MHz	16QAM	39675	12RB#0	21.33	PASS
Band41	5MHz	QPSK	39675	12RB#6	22.15	PASS
Band41	5MHz	16QAM	39675	12RB#6	21.33	PASS
Band41	5MHz	QPSK	39675	12RB#13	22.12	PASS
Band41	5MHz	16QAM	39675	12RB#13	21.30	PASS
Band41	5MHz	QPSK	39675	25RB#0	22.10	PASS
Band41	5MHz	16QAM	39675	25RB#0	21.19	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.33	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.57	PASS
Band41	5MHz	QPSK	40620	1RB#12	22.36	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.72	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.67	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.84	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.67	PASS
Band41	5MHz	16QAM	40620	12RB#0	20.95	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.62	PASS
Band41	5MHz	16QAM	40620	12RB#6	20.97	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.84	PASS
Band41	5MHz	16QAM	40620	12RB#13	21.17	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.66	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.83	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.96	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.16	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.06	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.28	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.10	PASS

Band41	5MHz	16QAM	41565	1RB#24	21.34	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.49	PASS
Band41	5MHz	16QAM	41565	12RB#0	20.58	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.45	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.61	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.51	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.66	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.49	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.65	PASS
Band41	10MHz	QPSK	39700	1RB#0	23.51	PASS
Band41	10MHz	16QAM	39700	1RB#0	22.86	PASS
Band41	10MHz	QPSK	39700	1RB#24	23.50	PASS
Band41	10MHz	16QAM	39700	1RB#24	22.78	PASS
Band41	10MHz	QPSK	39700	1RB#49	23.27	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.56	PASS
Band41	10MHz	QPSK	39700	25RB#0	22.78	PASS
Band41	10MHz	16QAM	39700	25RB#0	21.86	PASS
Band41	10MHz	QPSK	39700	25RB#12	22.78	PASS
Band41	10MHz	16QAM	39700	25RB#12	21.88	PASS
Band41	10MHz	QPSK	39700	25RB#25	22.79	PASS
Band41	10MHz	16QAM	39700	25RB#25	21.90	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.57	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.44	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.33	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.30	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.36	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.35	PASS
Band41	10MHz	QPSK	40620	25RB#0	22.69	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.85	PASS
Band41	10MHz	QPSK	40620	25RB#12	22.65	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.78	PASS
Band41	10MHz	QPSK	40620	25RB#25	22.75	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.97	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.91	PASS
Band41	10MHz	16QAM	41540	1RB#0	22.25	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.89	PASS
Band41	10MHz	16QAM	41540	1RB#24	22.27	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.80	PASS

Band41	10MHz	16QAM	41540	1RB#49	22.19	PASS
Band41	10MHz	QPSK	41540	25RB#0	22.21	PASS
Band41	10MHz	16QAM	41540	25RB#0	21.41	PASS
Band41	10MHz	QPSK	41540	25RB#12	22.17	PASS
Band41	10MHz	16QAM	41540	25RB#12	21.35	PASS
Band41	10MHz	QPSK	41540	25RB#25	22.33	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.53	PASS
Band41	10MHz	QPSK	39700	50RB#0	22.79	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.71	PASS
Band41	10MHz	QPSK	41540	50RB#0	22.35	PASS
Band41	15MHz	QPSK	39725	1RB#0	23.31	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.67	PASS
Band41	15MHz	QPSK	39725	1RB#38	23.20	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.50	PASS
Band41	15MHz	QPSK	39725	1RB#74	23.14	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.44	PASS
Band41	15MHz	QPSK	39725	38RB#0	22.41	PASS
Band41	15MHz	16QAM	39725	38RB#0	22.41	PASS
Band41	15MHz	QPSK	39725	38RB#18	22.40	PASS
Band41	15MHz	16QAM	39725	38RB#18	22.40	PASS
Band41	15MHz	QPSK	39725	38RB#37	22.40	PASS
Band41	15MHz	16QAM	39725	38RB#37	22.40	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.32	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.35	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.07	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.24	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.12	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.20	PASS
Band41	15MHz	QPSK	40620	38RB#0	22.41	PASS
Band41	15MHz	16QAM	40620	38RB#0	22.42	PASS
Band41	15MHz	QPSK	40620	38RB#18	22.42	PASS
Band41	15MHz	16QAM	40620	38RB#18	22.43	PASS
Band41	15MHz	QPSK	40620	38RB#37	22.42	PASS
Band41	15MHz	16QAM	40620	38RB#37	22.42	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.80	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.14	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.73	PASS
Band41	15MHz	16QAM	41515	1RB#38	22.11	PASS

Band41	15MHz	QPSK	41515	1RB#74	22.64	PASS
Band41	15MHz	16QAM	41515	1RB#74	22.02	PASS
Band41	15MHz	QPSK	41515	38RB#0	22.03	PASS
Band41	15MHz	16QAM	41515	38RB#0	22.05	PASS
Band41	15MHz	QPSK	41515	38RB#18	22.07	PASS
Band41	15MHz	16QAM	41515	38RB#18	22.07	PASS
Band41	15MHz	QPSK	41515	38RB#37	22.07	PASS
Band41	15MHz	16QAM	41515	38RB#37	22.08	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.39	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.47	PASS
Band41	15MHz	QPSK	41515	75RB#0	22.05	PASS
Band41	20MHz	QPSK	39750	1RB#0	23.73	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.57	PASS
Band41	20MHz	QPSK	39750	1RB#49	23.47	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.30	PASS
Band41	20MHz	QPSK	39750	1RB#99	23.42	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.39	PASS
Band41	20MHz	QPSK	39750	50RB#0	22.70	PASS
Band41	20MHz	16QAM	39750	50RB#0	0.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.82	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.97	PASS
Band41	20MHz	QPSK	40620	1RB#49	23.59	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.75	PASS
Band41	20MHz	QPSK	40620	1RB#99	23.25	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.52	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.94	PASS
Band41	20MHz	16QAM	41490	1RB#0	22.24	PASS
Band41	20MHz	QPSK	41490	1RB#49	22.96	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.30	PASS
Band41	20MHz	QPSK	41490	1RB#99	22.54	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.85	PASS
Band41	20MHz	QPSK	39750	100RB#0	22.83	PASS
Band41	20MHz	QPSK	39750	50RB#25	22.78	PASS
Band41	20MHz	QPSK	39750	50RB#50	23.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.74	PASS
Band41	20MHz	QPSK	40620	50RB#0	22.87	PASS
Band41	20MHz	QPSK	40620	50RB#25	22.95	PASS
Band41	20MHz	QPSK	40620	50RB#50	22.84	PASS

Band41	20MHz	QPSK	41490	100RB#0	22.33	PASS
Band41	20MHz	QPSK	41490	50RB#0	22.28	PASS
Band41	20MHz	QPSK	41490	50RB#25	22.30	PASS
Band41	20MHz	QPSK	41490	50RB#50	22.40	PASS

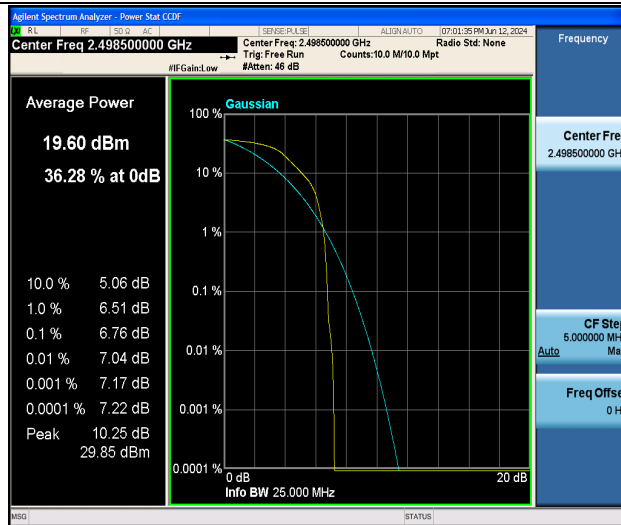
1.2. Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

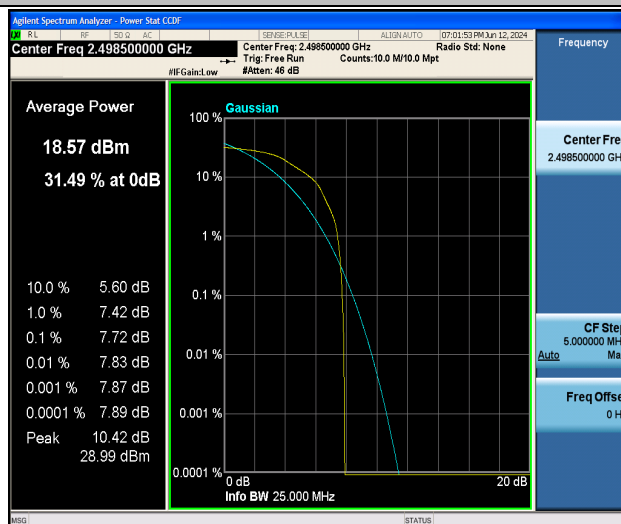
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	6.76	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	7.72	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	7.59	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	8.22	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	7.36	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	8.09	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	8.16	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	8.82	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	7.14	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	7.99	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	7.40	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	8.47	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	6.44	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	7.68	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	7.29	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	8.00	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	6.93	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	7.83	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	7.72	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.64	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	7.49	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	7.10	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	7.88	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	7.58	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	8.58	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	7.34	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	7.98	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	8.51	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	8.90	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	8.03	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	6.37	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	7.21	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	7.42	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	7.63	13	PASS

Band41	20MHz	QPSK	41490	1RB#0	7.20	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	7.32	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	8.34	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.45	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	7.86	13	PASS

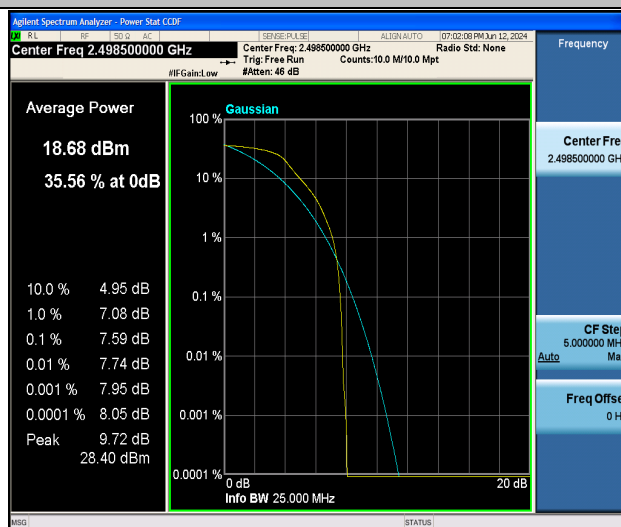
Test Graphs



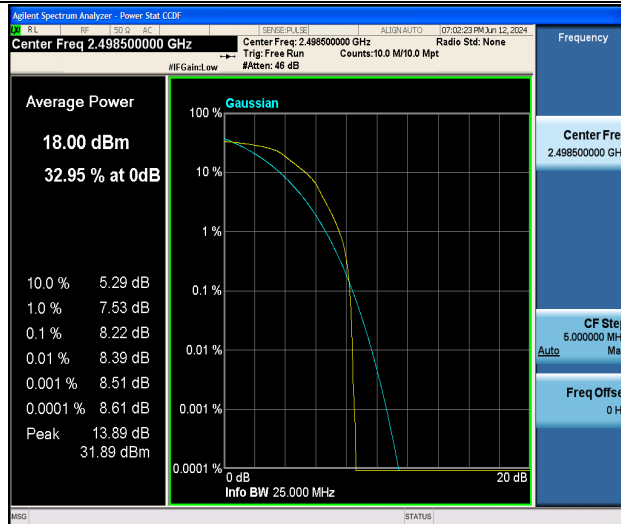
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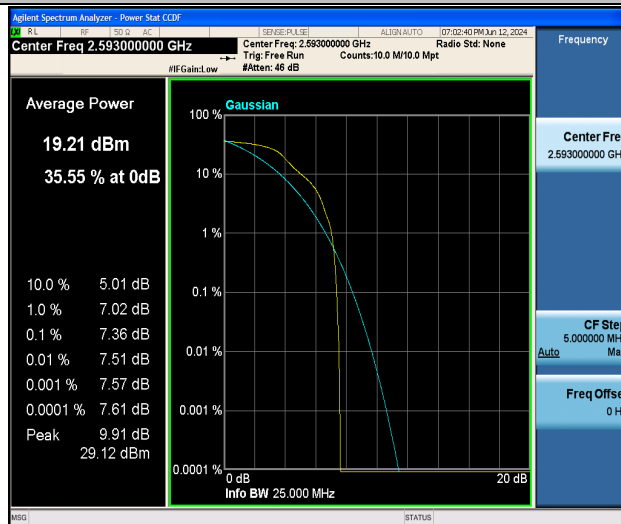
Band41-5MHz-16QAM-39675-1RB#0-PASS



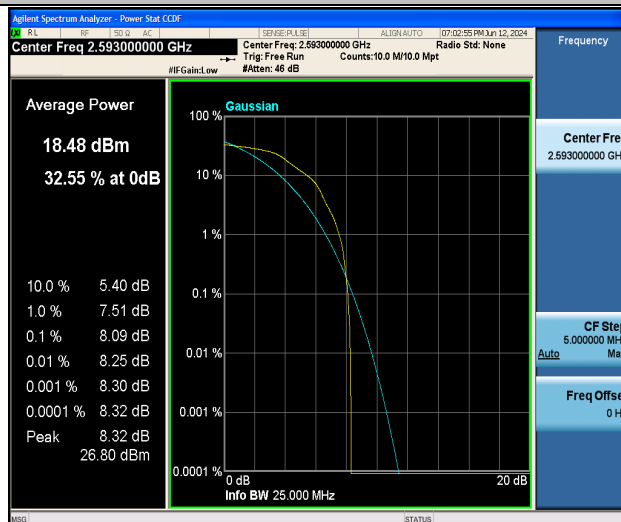
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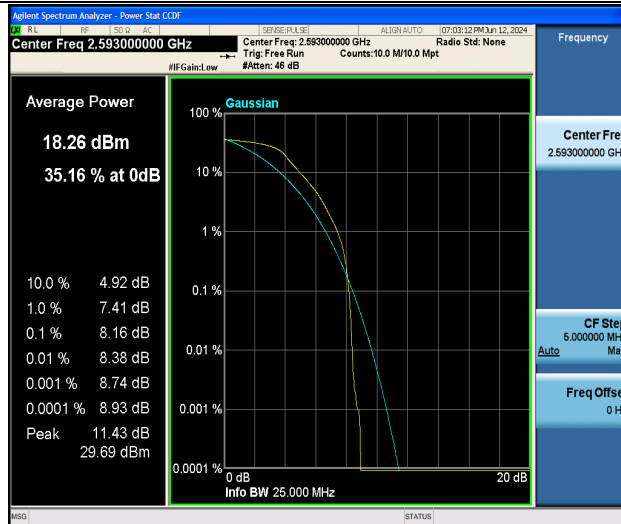
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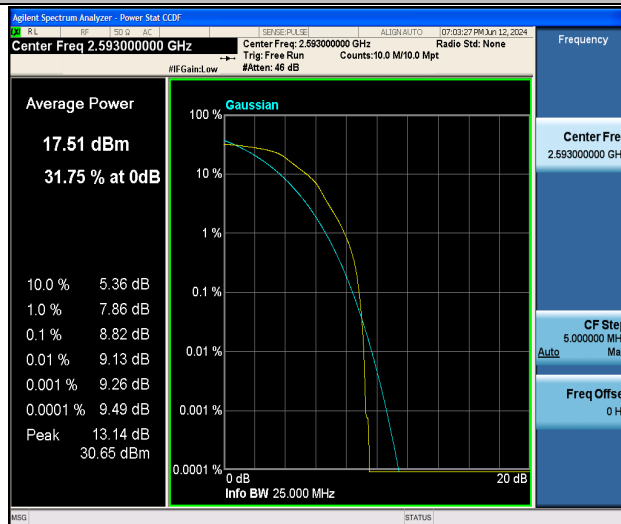
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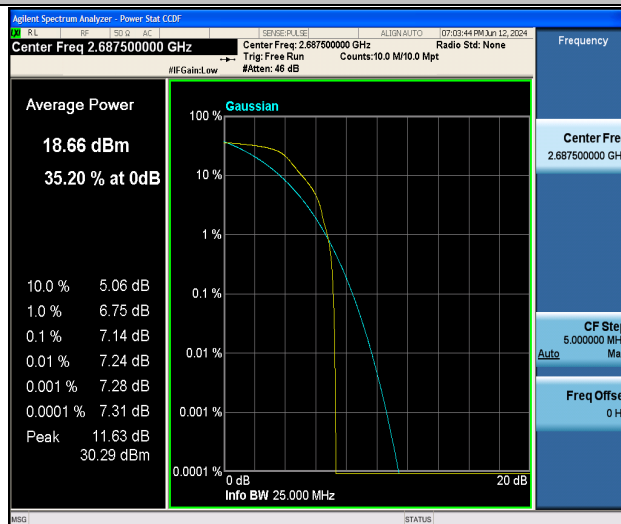
Band41-5MHz-16QAM-40620-1RB#0-PASS



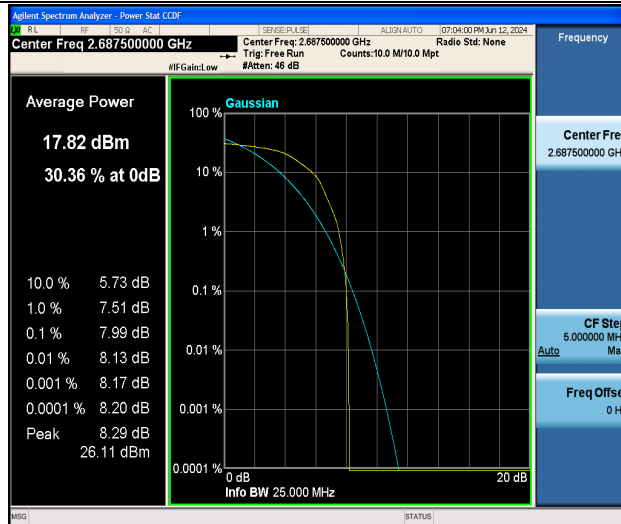
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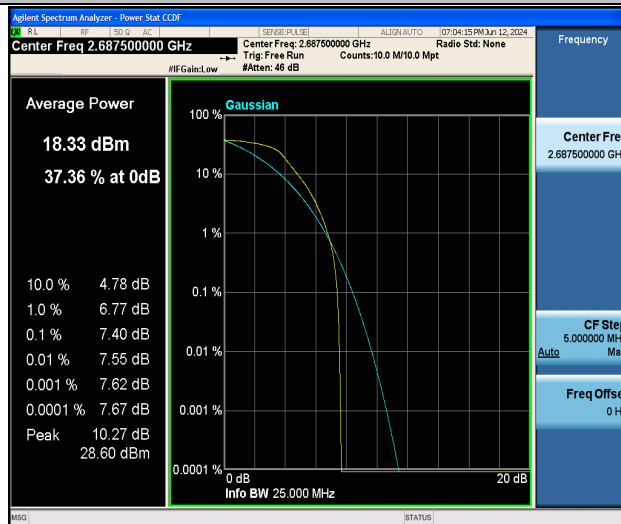
Band41-5MHz-16QAM-40620-25RB#0-PASS



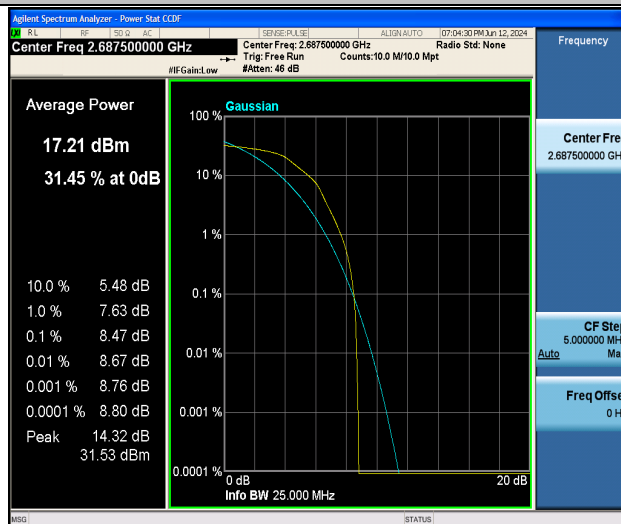
Band41-5MHz-QPSK-41565-1RB#0-PASS



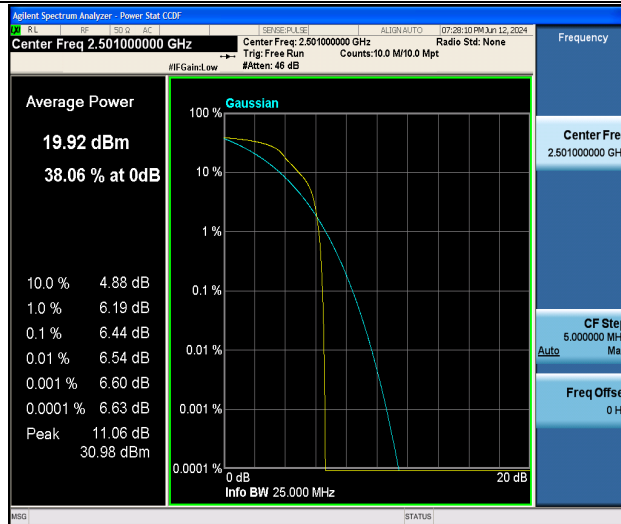
Band41-5MHz-16QAM-41565-1RB#0-PASS



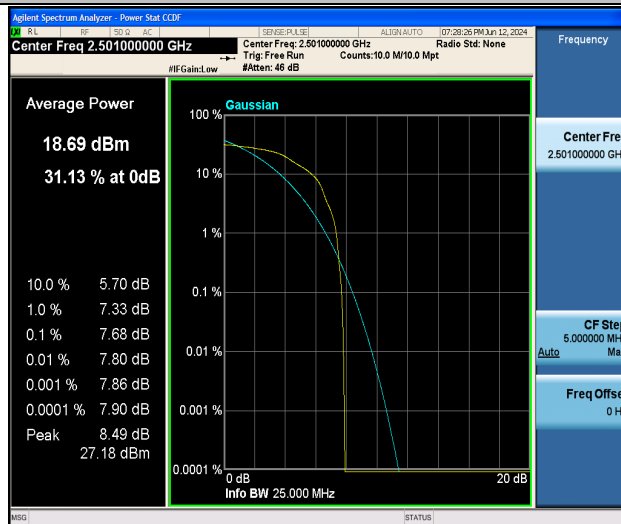
Band41-5MHz-QPSK-41565-25RB#0-PASS



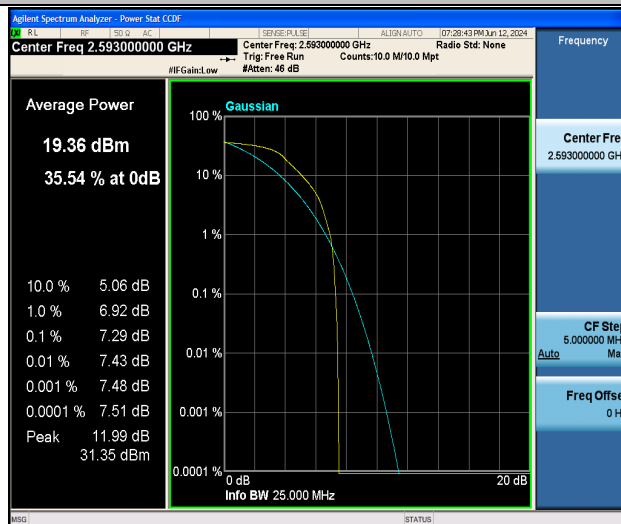
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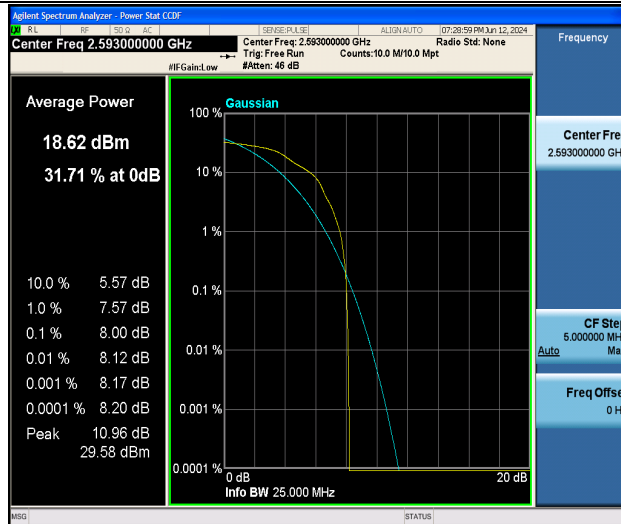
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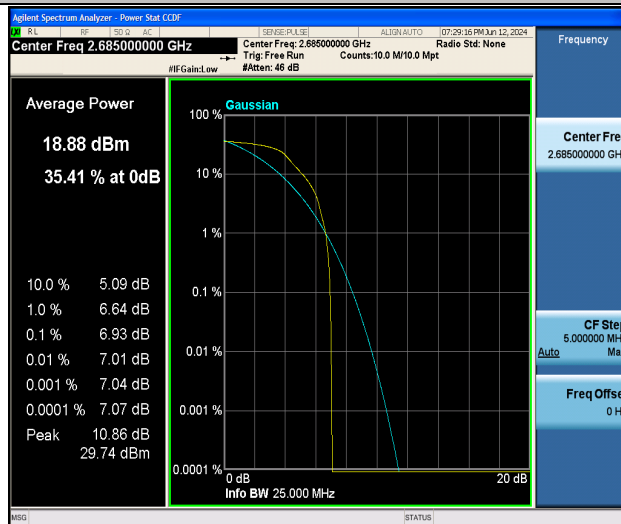
Band41-10MHz-16QAM-39700-1RB#0-PASS



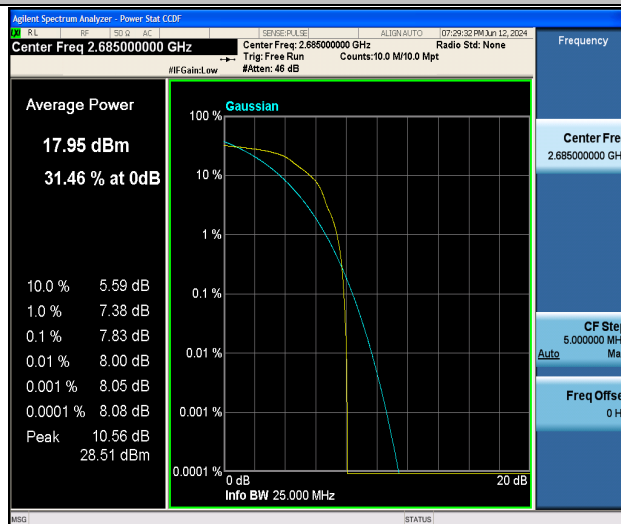
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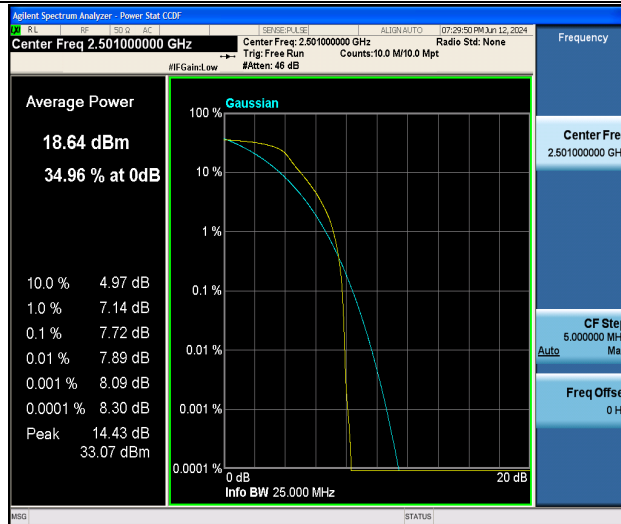
Band41-10MHz-16QAM-40620-1RB#0-PASS



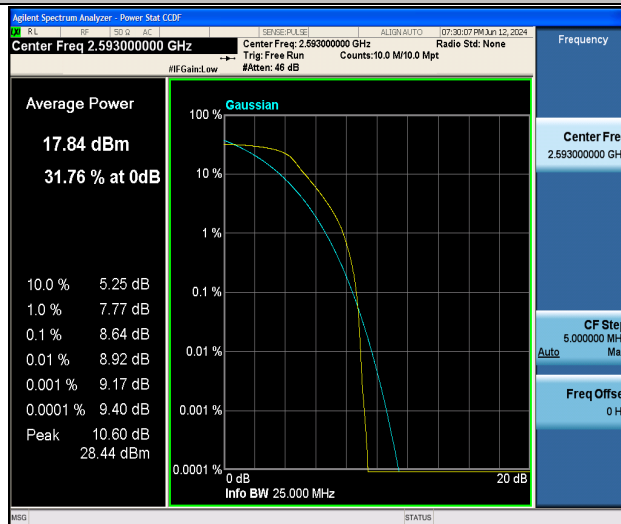
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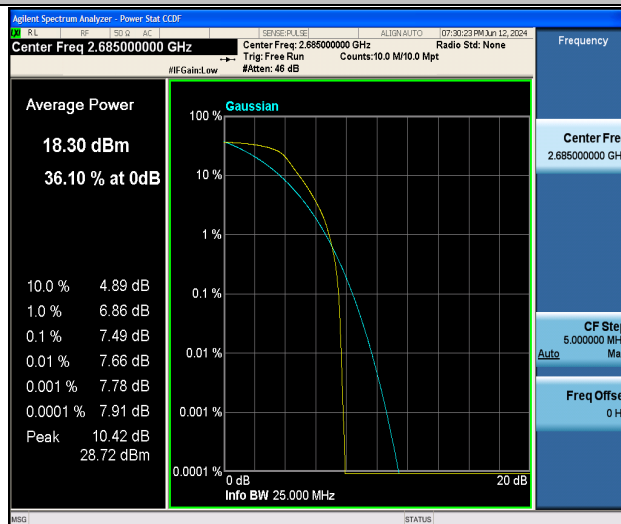
Band41-10MHz-16QAM-41540-1RB#0-PASS



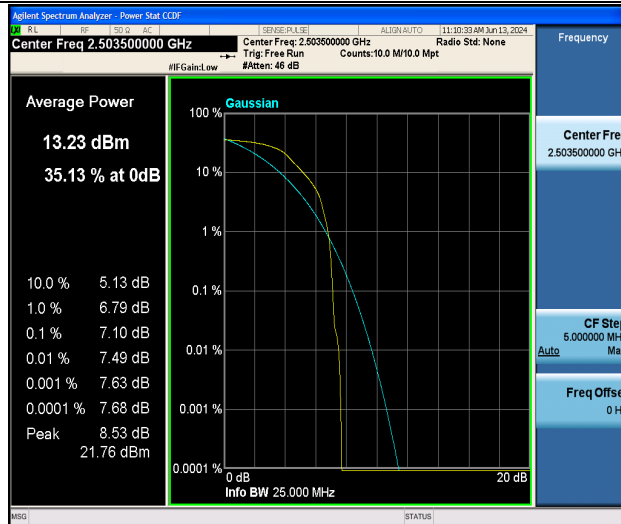
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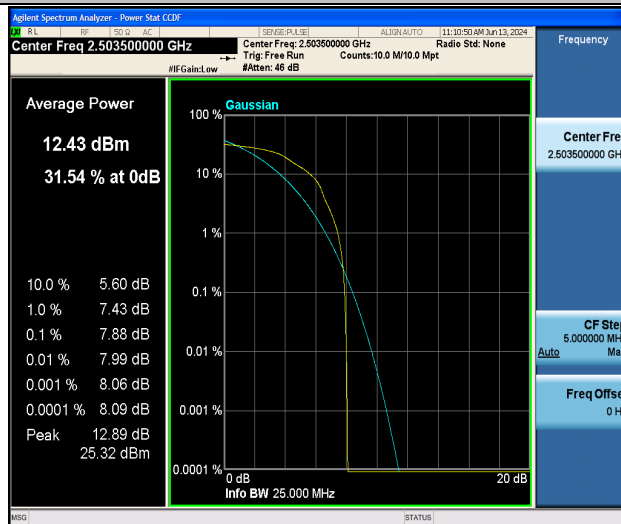
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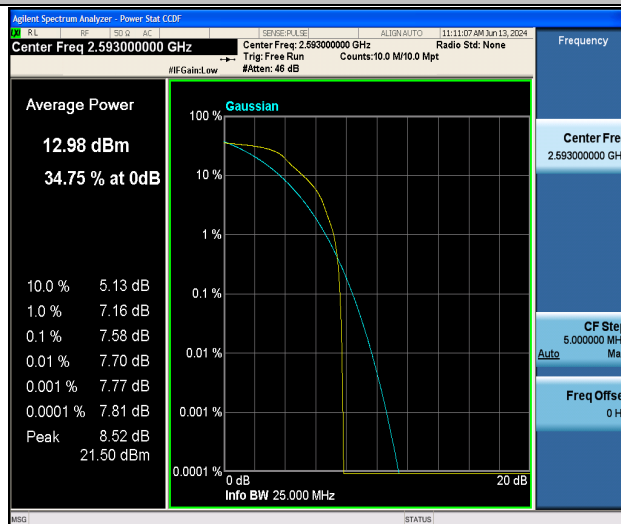
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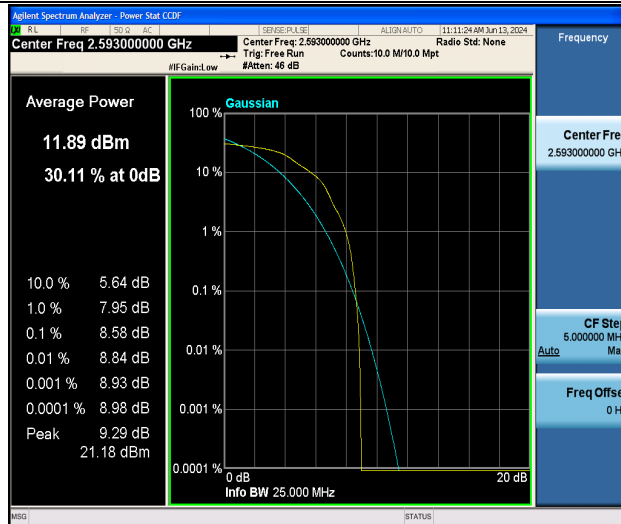
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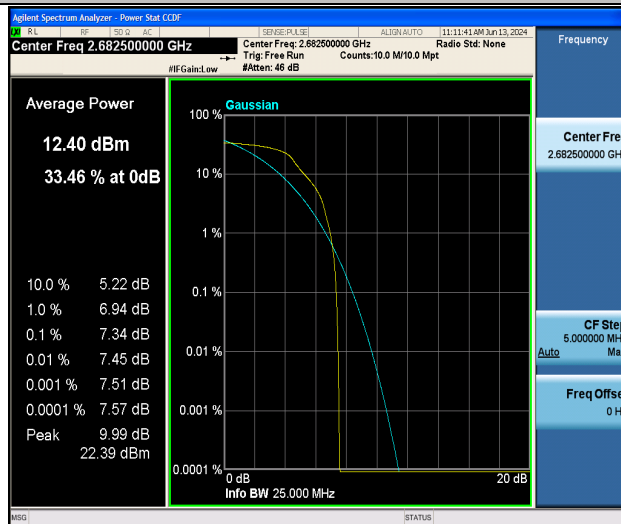
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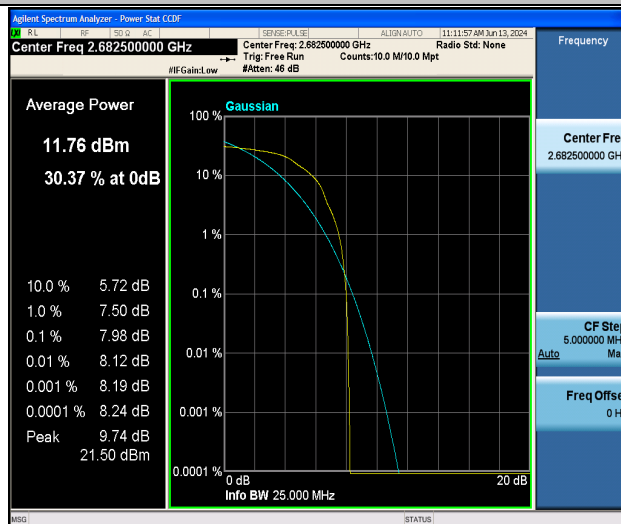
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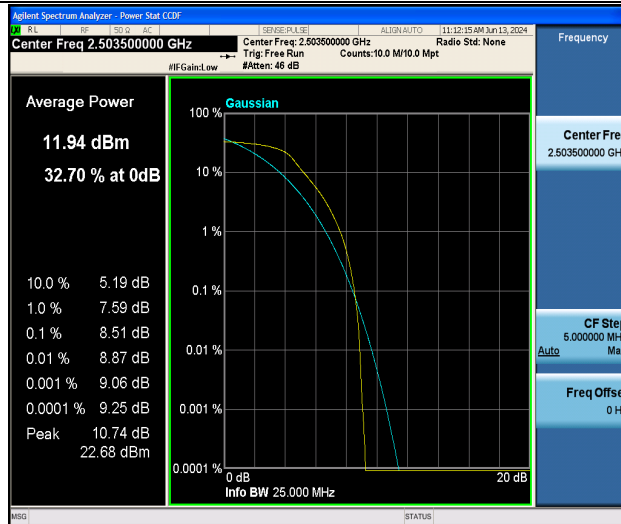
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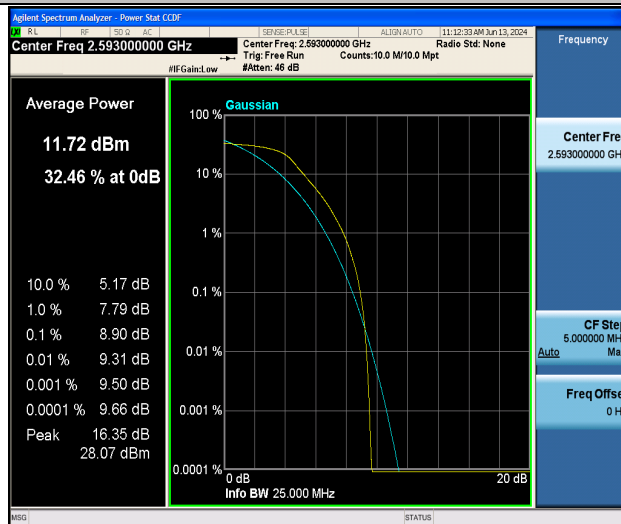
Band41-15MHz-QPSK-41515-1RB#0-PASS



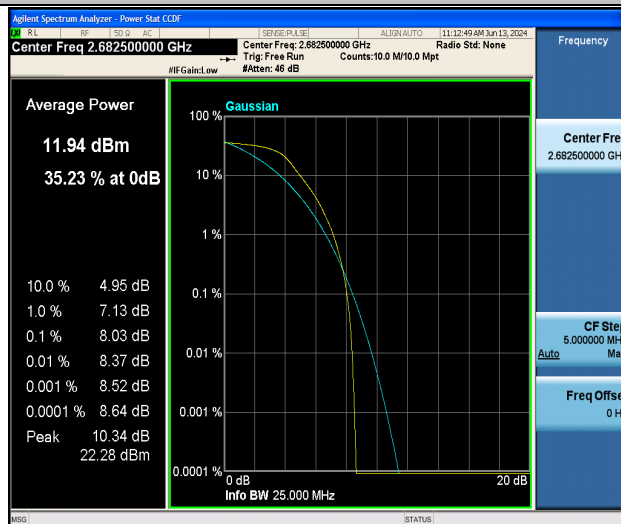
Band41-15MHz-16QAM-41515-1RB#0-PASS



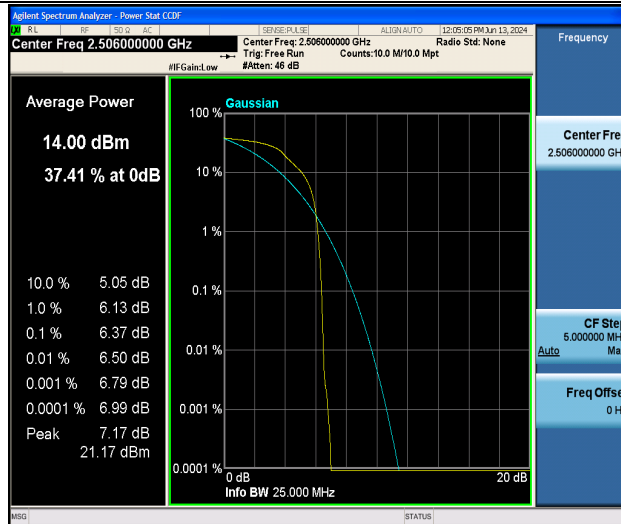
Band41-15MHz-QPSK-39725-75RB#0-PASS



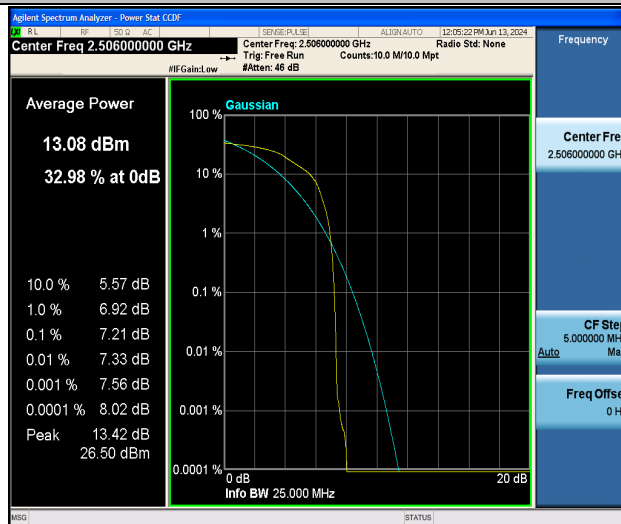
Band41-15MHz-QPSK-40620-75RB#0-PASS



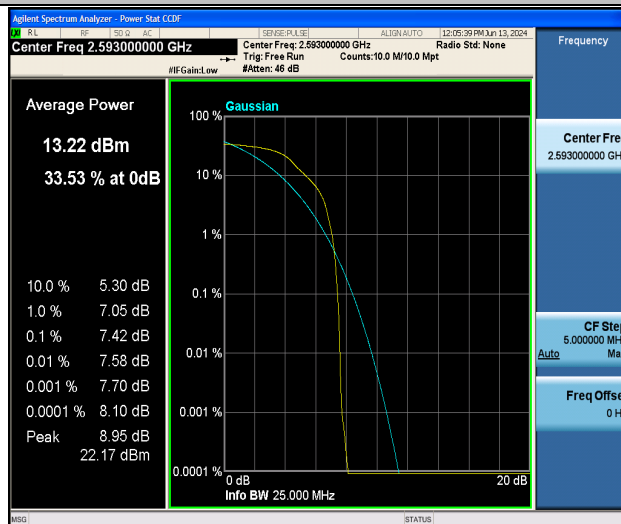
Band41-15MHz-QPSK-41515-75RB#0-PASS



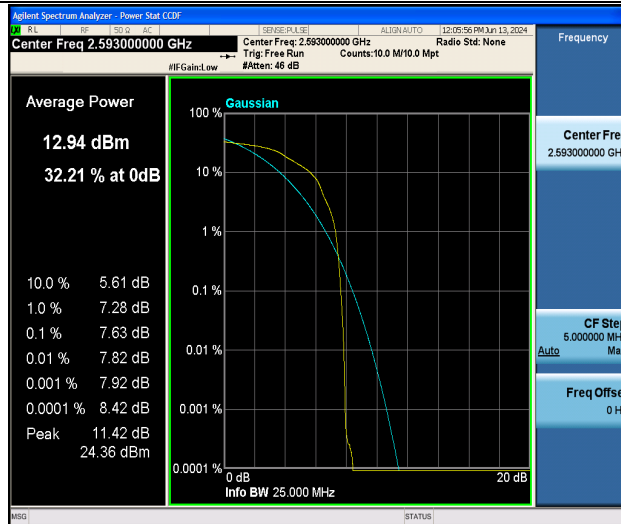
Band41-20MHz-QPSK-39750-1RB#0-PASS



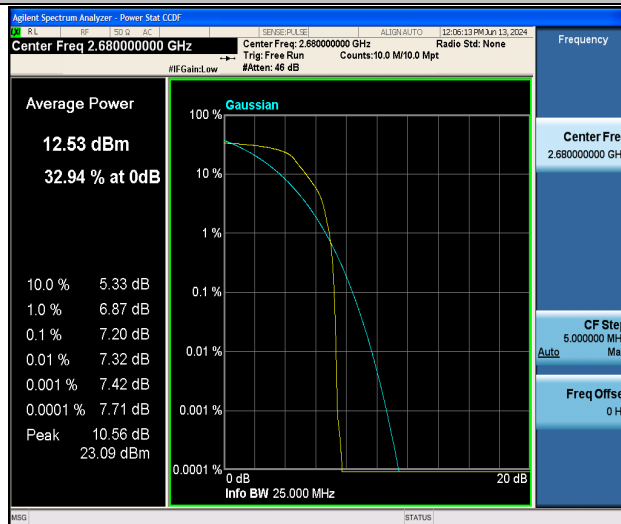
Band41-20MHz-16QAM-39750-1RB#0-PASS



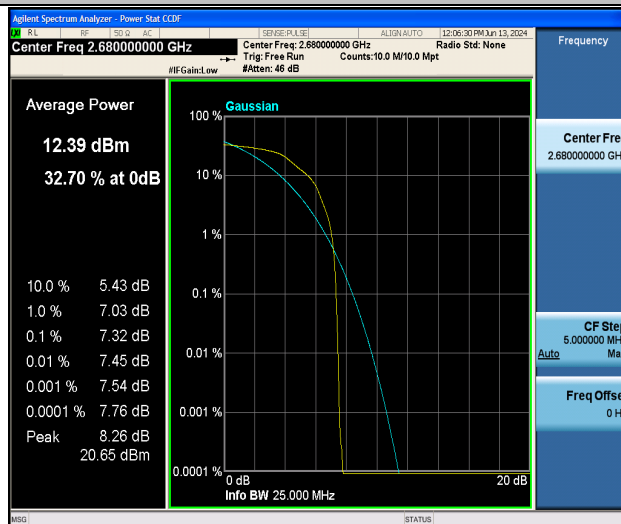
Band41-20MHz-QPSK-40620-1RB#0-PASS



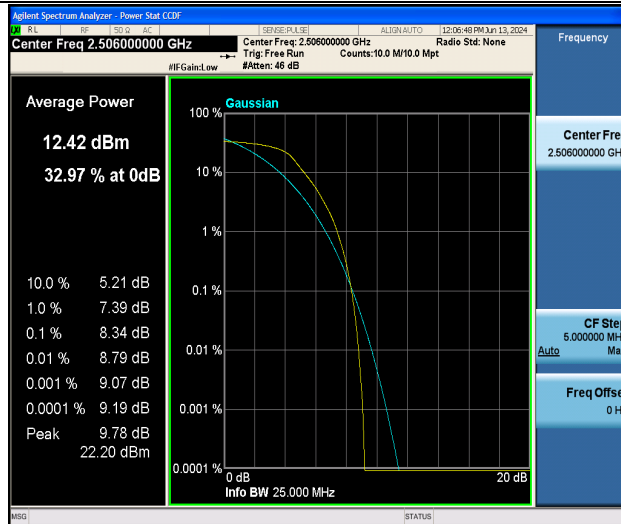
Band41-20MHz-16QAM-40620-1RB#0-PASS



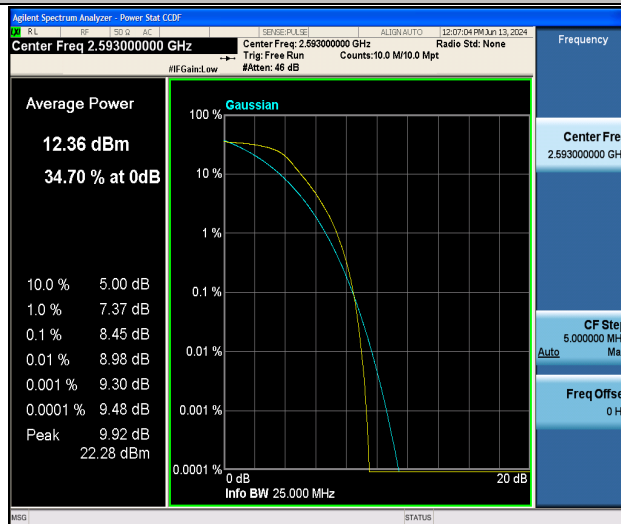
Band41-20MHz-QPSK-41490-1RB#0-PASS



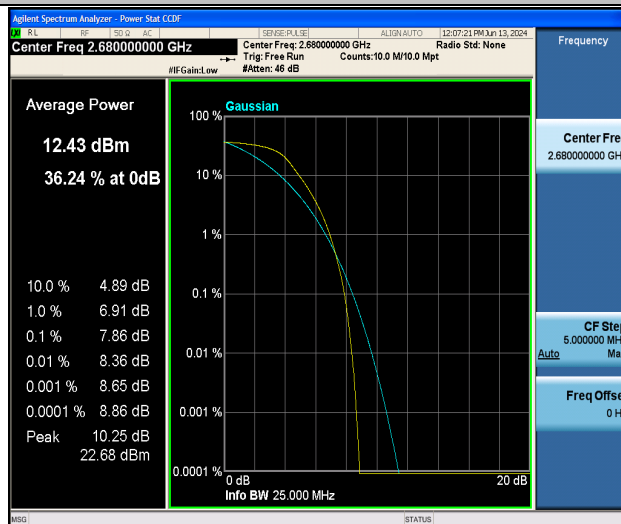
Band41-20MHz-16QAM-41490-1RB#0-PASS



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



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



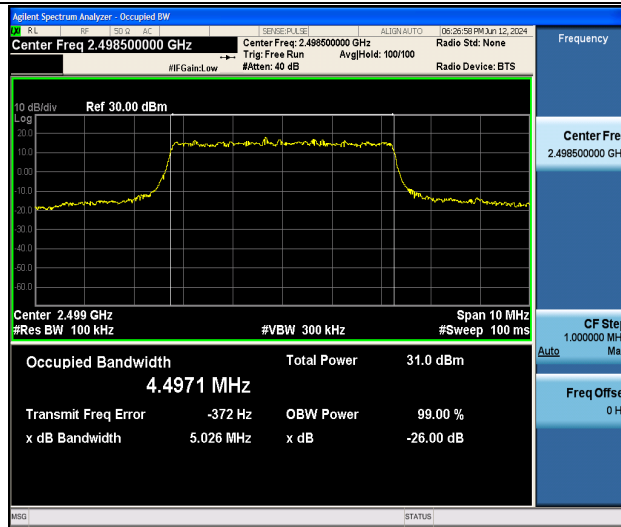
Band41-20MHz-QPSK-41490-100RB#0-PASS

1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

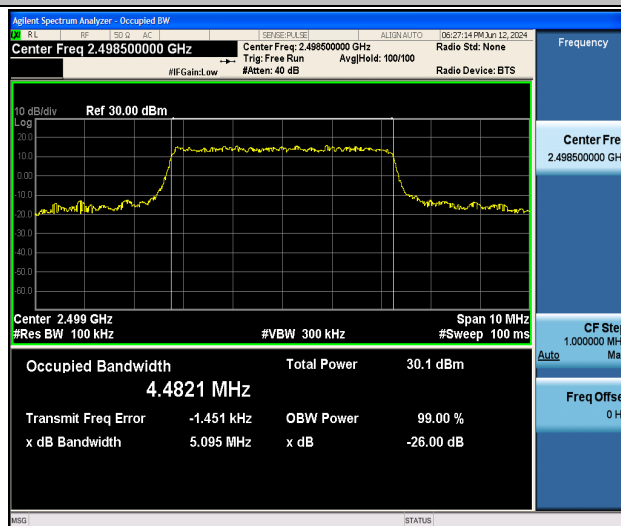
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.4971	5.026	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4821	5.095	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4913	5.084	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5049	5.222	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5157	5.208	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4928	5.175	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9779	9.948	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.0159	9.943	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0060	10.93	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.535	15.12	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.490	15.12	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.489	15.26	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.983	19.49	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.977	20.46	PASS
Band41	20MHz	QPSK	41490	100RB#0	18.014	20.04	PASS

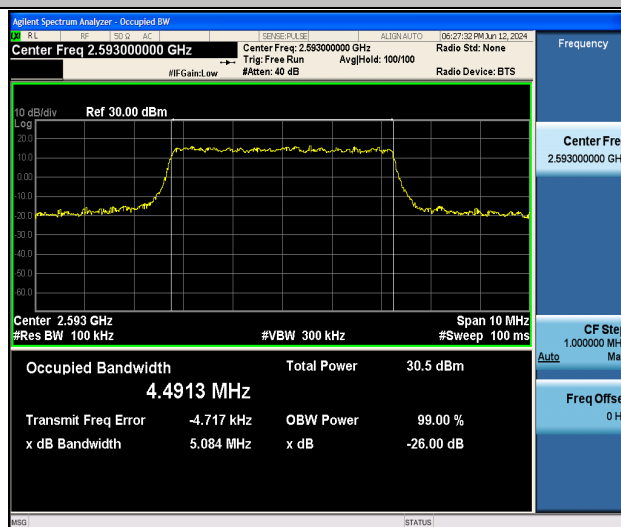
Test Graphs



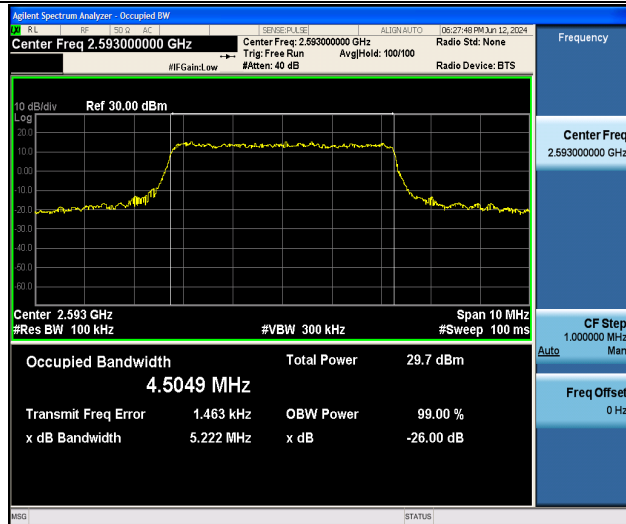
Band41-5MHz-QPSK-39675-25RB#0-PASS



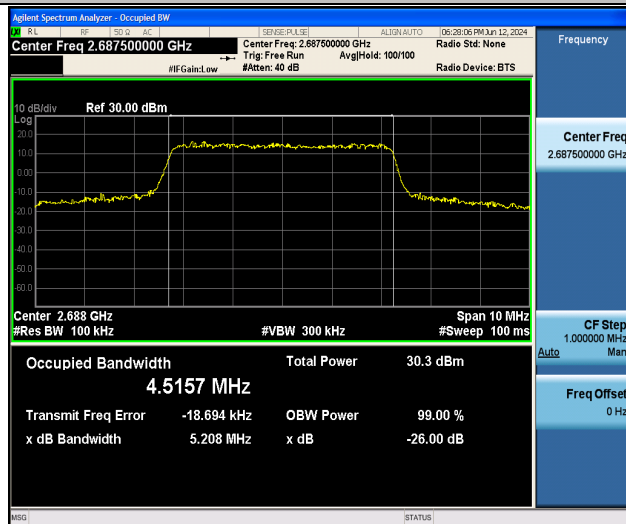
Band41-5MHz-16QAM-39675-25RB#0-PASS



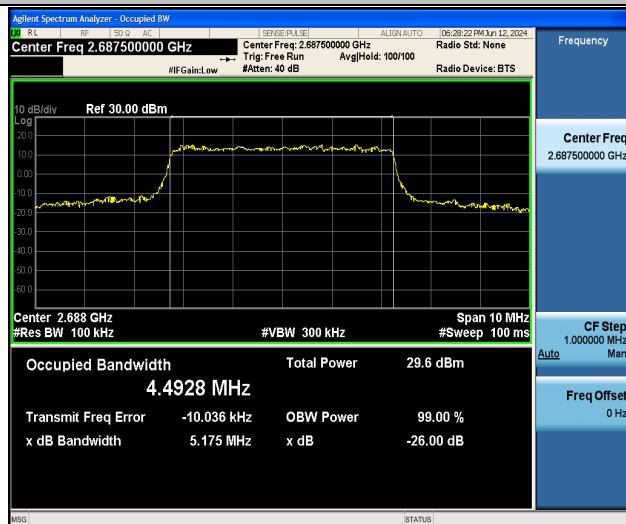
Band41-5MHz-QPSK-40620-25RB#0-PASS



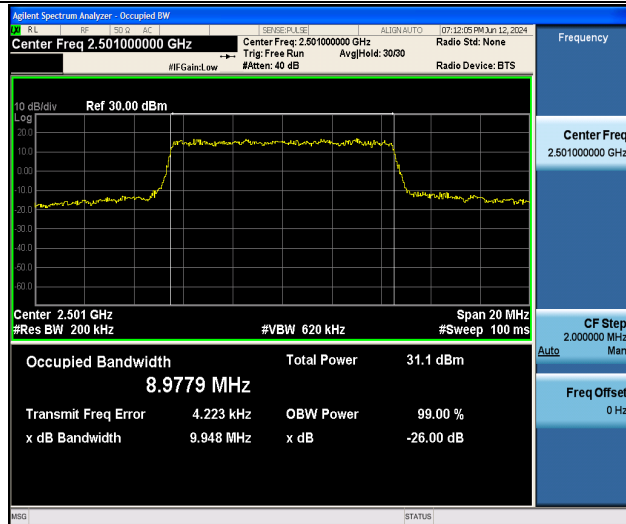
Band41-5MHz-16QAM-40620-25RB#0-PASS



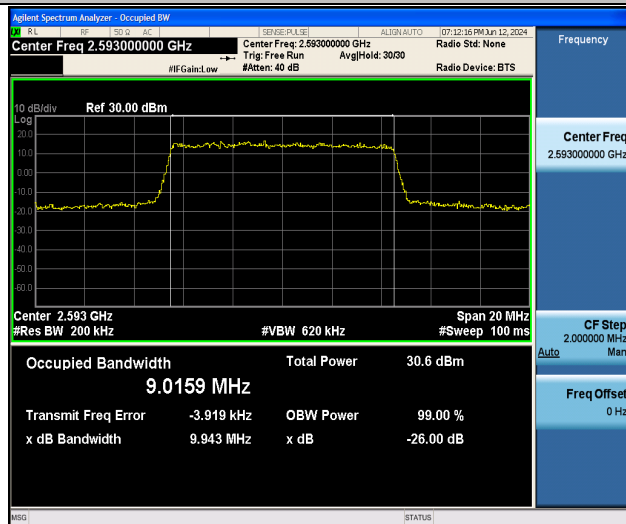
Band41-5MHz-QPSK-41565-25RB#0-PASS



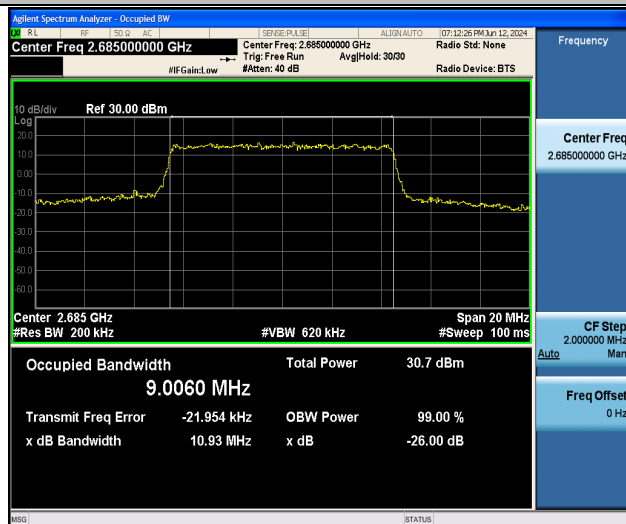
Band41-5MHz-16QAM-41565-25RB#0-PASS



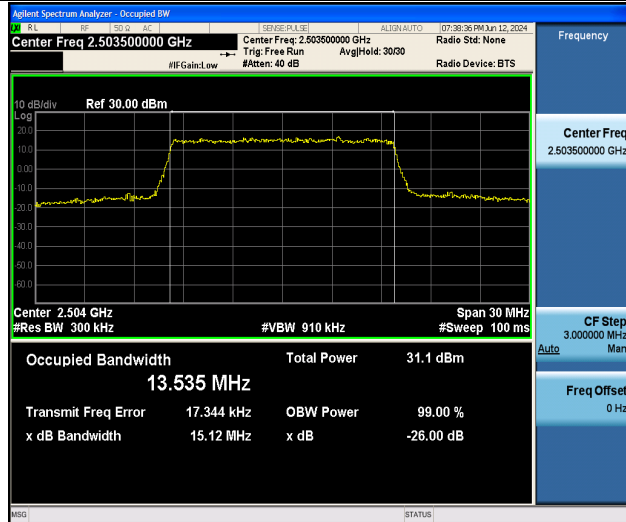
Band41-10MHz-QPSK-39700-50RB#0-PASS



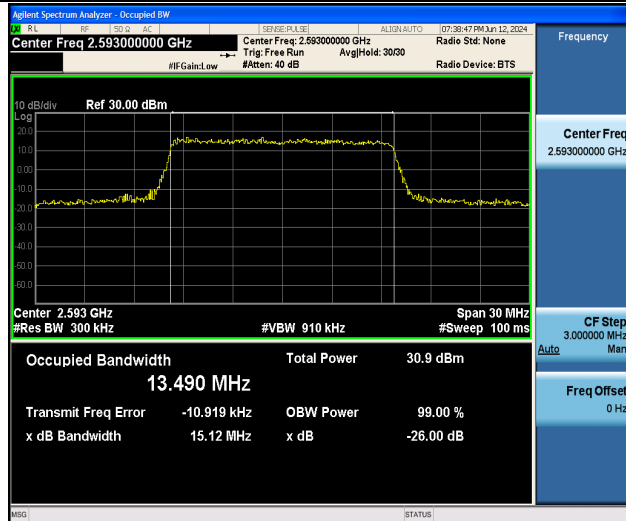
Band41-10MHz-QPSK-40620-50RB#0-PASS



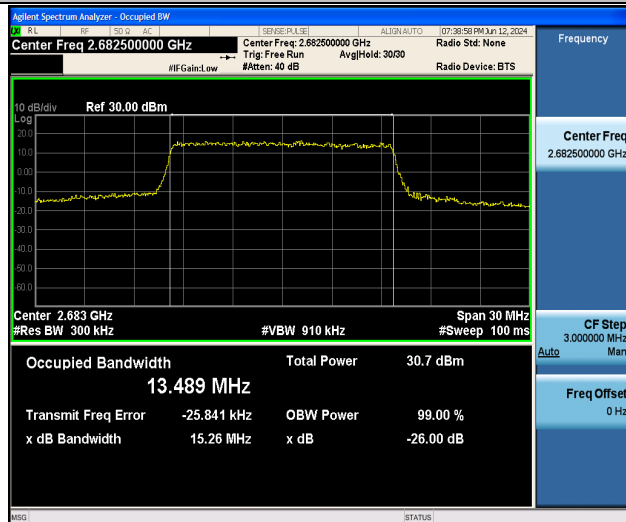
Band41-10MHz-QPSK-41540-50RB#0-PASS



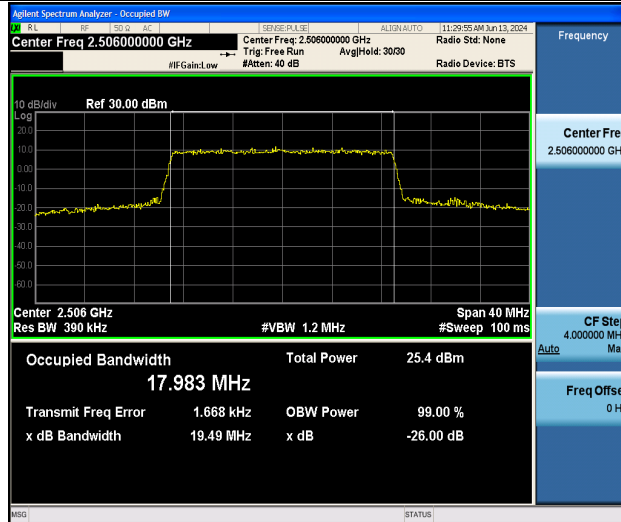
Band41-15MHz-QPSK-39725-75RB#0-PASS



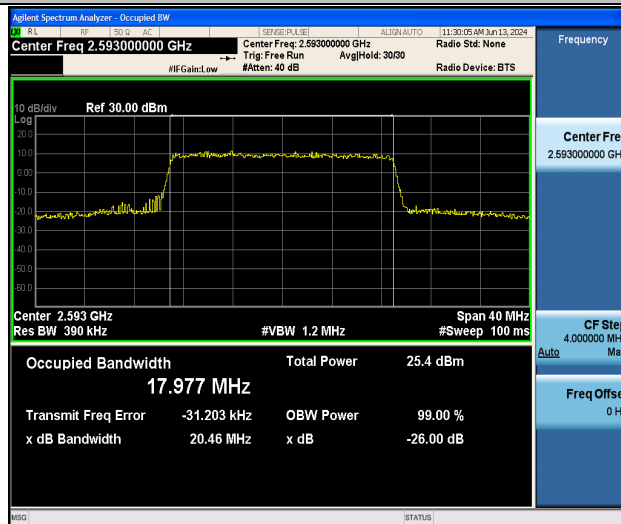
Band41-15MHz-QPSK-40620-75RB#0-PASS



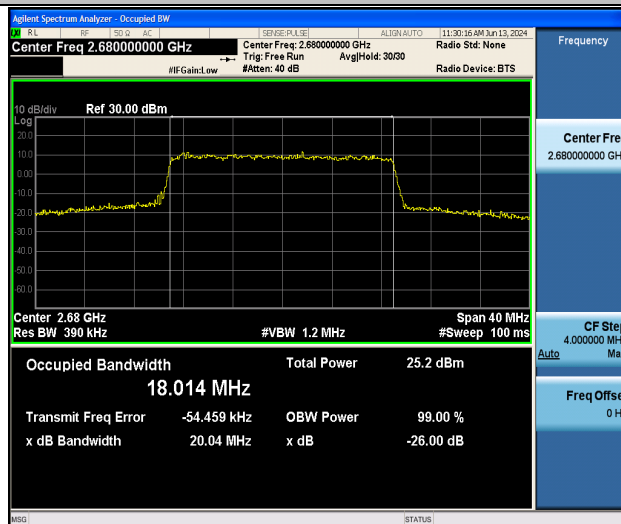
Band41-15MHz-QPSK-41515-75RB#0-PASS



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



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



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

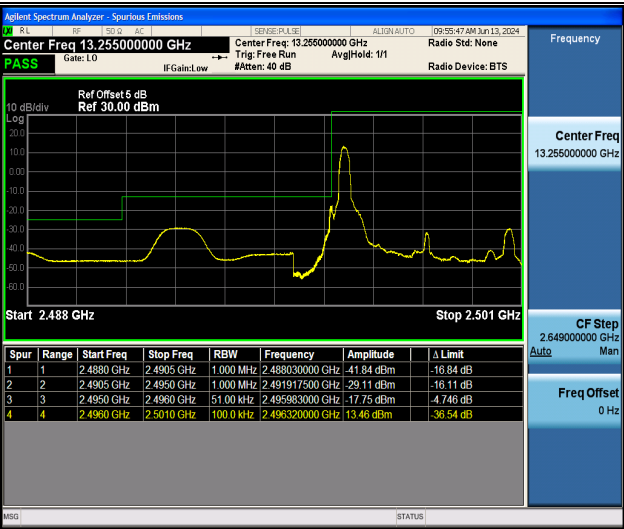
1.4. Appendix D: Band Edge

Test Result

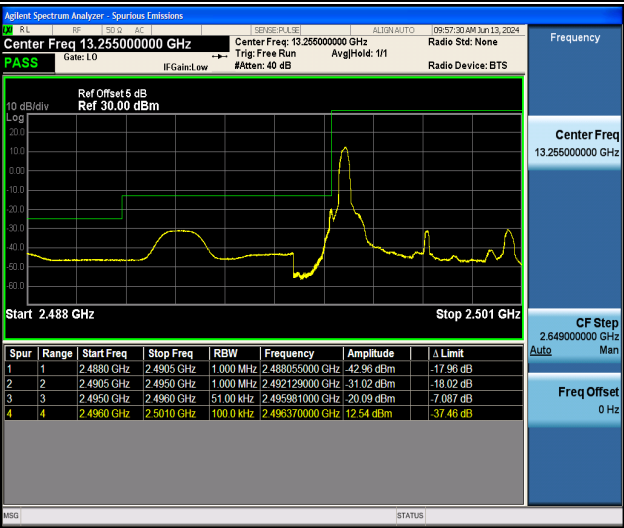
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-17.75	PASS
Band41	5MHz	16QAM	39675	1RB#0	-20.09	PASS
Band41	5MHz	QPSK	39675	1RB#24	-46.03	PASS
Band41	5MHz	16QAM	39675	1RB#24	-45.97	PASS
Band41	5MHz	QPSK	39675	25RB#0	-24.43	PASS
Band41	5MHz	16QAM	39675	25RB#0	-26.06	PASS
Band41	5MHz	QPSK	41565	1RB#0	-45.10	PASS
Band41	5MHz	16QAM	41565	1RB#0	-45.13	PASS
Band41	5MHz	QPSK	41565	1RB#24	-42.94	PASS
Band41	5MHz	16QAM	41565	1RB#24	-44.15	PASS
Band41	5MHz	QPSK	41565	25RB#0	-23.11	PASS
Band41	5MHz	16QAM	41565	25RB#0	-24.08	PASS
Band41	10MHz	QPSK	39700	1RB#0	-35.09	PASS
Band41	10MHz	16QAM	39700	1RB#0	-36.69	PASS
Band41	10MHz	QPSK	39700	1RB#49	-35.83	PASS
Band41	10MHz	16QAM	39700	1RB#49	-36.62	PASS
Band41	10MHz	QPSK	41540	1RB#0	-45.21	PASS
Band41	10MHz	16QAM	41540	1RB#0	-45.21	PASS
Band41	10MHz	QPSK	41540	1RB#49	-45.23	PASS
Band41	10MHz	16QAM	41540	1RB#49	-45.08	PASS
Band41	10MHz	QPSK	39700	50RB#0	-30.16	PASS
Band41	10MHz	QPSK	41540	50RB#0	-24.80	PASS
Band41	15MHz	QPSK	39725	1RB#0	-30.46	PASS
Band41	15MHz	16QAM	39725	1RB#0	-32.03	PASS
Band41	15MHz	QPSK	39725	1RB#74	-45.70	PASS
Band41	15MHz	16QAM	39725	1RB#74	-45.80	PASS
Band41	15MHz	QPSK	41515	1RB#0	-45.19	PASS
Band41	15MHz	16QAM	41515	1RB#0	-45.29	PASS
Band41	15MHz	QPSK	41515	1RB#74	-45.20	PASS
Band41	15MHz	16QAM	41515	1RB#74	-45.12	PASS
Band41	15MHz	QPSK	39725	75RB#0	-28.13	PASS
Band41	15MHz	QPSK	41515	75RB#0	-24.82	PASS
Band41	20MHz	QPSK	39750	1RB#0	-44.71	PASS

Band41	20MHz	16QAM	39750	1RB#0	-45.09	PASS
Band41	20MHz	QPSK	39750	1RB#99	-45.51	PASS
Band41	20MHz	16QAM	39750	1RB#99	-45.74	PASS
Band41	20MHz	QPSK	41490	1RB#0	-45.34	PASS
Band41	20MHz	16QAM	41490	1RB#0	-45.25	PASS
Band41	20MHz	QPSK	41490	1RB#99	-45.30	PASS
Band41	20MHz	16QAM	41490	1RB#99	-45.25	PASS
Band41	20MHz	QPSK	39750	100RB#0	-29.54	PASS
Band41	20MHz	QPSK	41490	100RB#0	-28.43	PASS

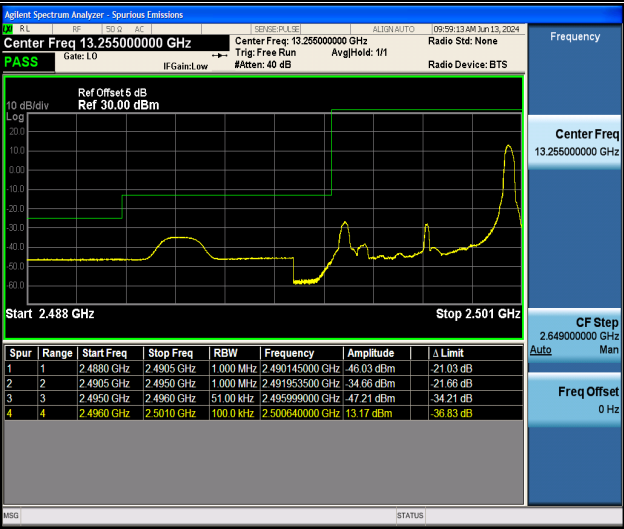
Test Graphs



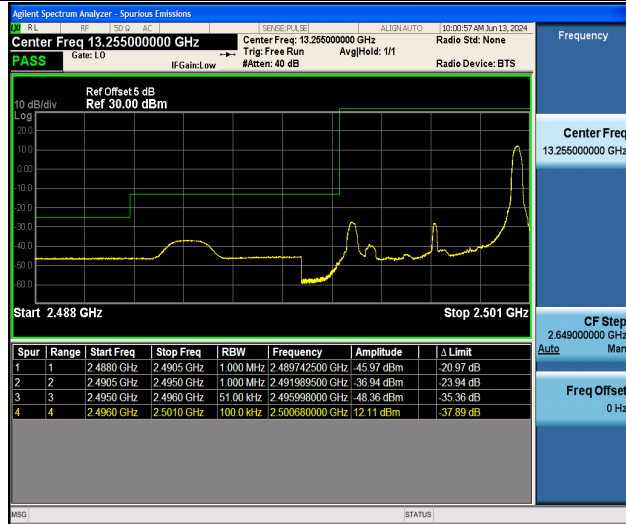
Band41_5MHz_QPSK_39675_1RB#0



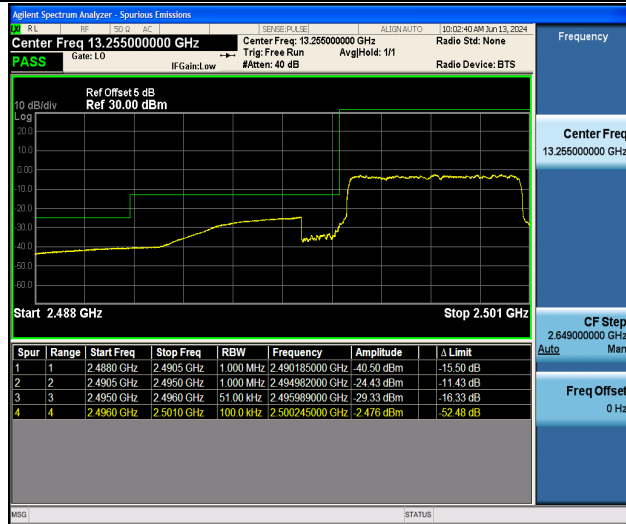
Band41_5MHz_16QAM_39675_1RB#0



Band41_5MHz_QPSK_39675_1RB#24



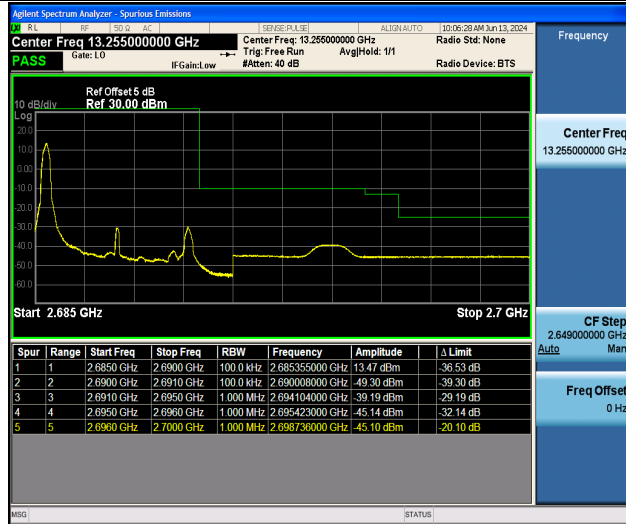
Band41_5MHz_16QAM_39675_1RB#24



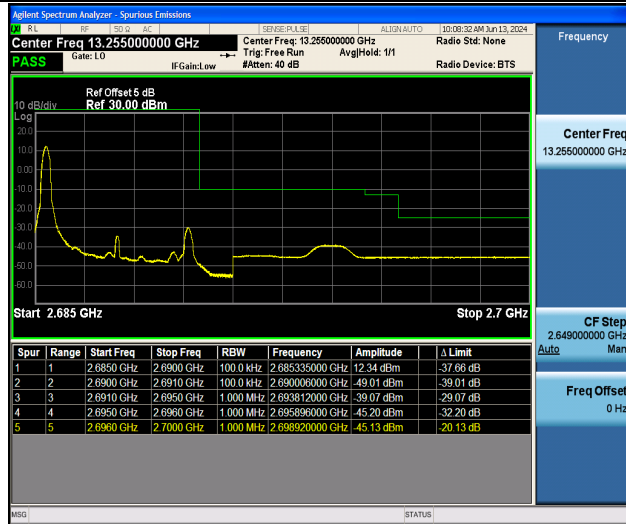
Band41_5MHz_QPSK_39675_25RB#0



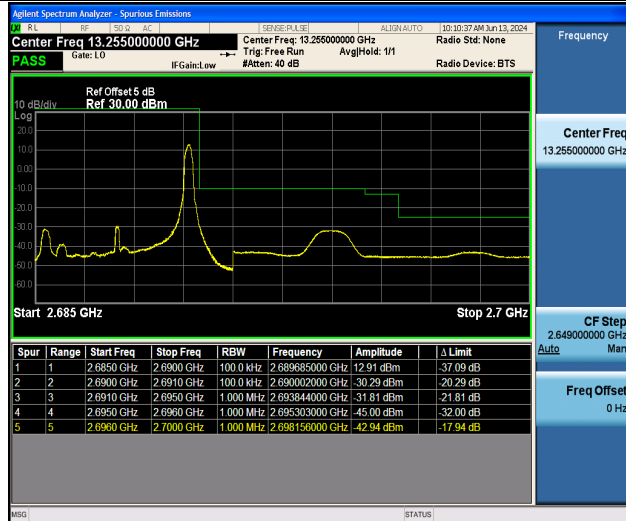
Band41_5MHz_16QAM_39675_25RB#0



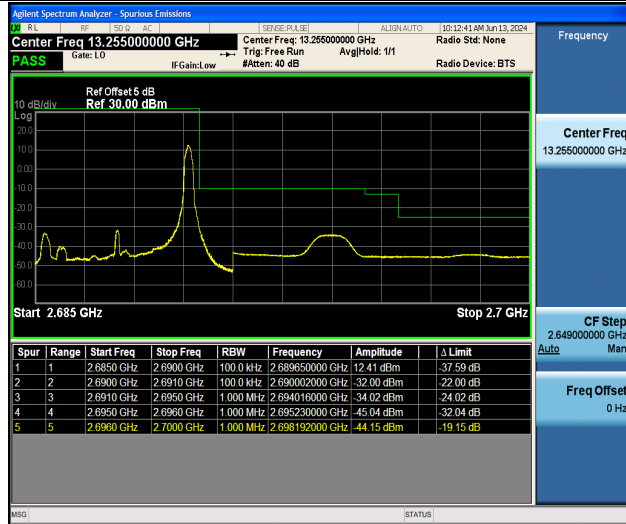
Band41_5MHz_QPSK_41565_1RB#0



Band41_5MHz_16QAM_41565_1RB#0



Band41_5MHz_QPSK_41565_1RB#24



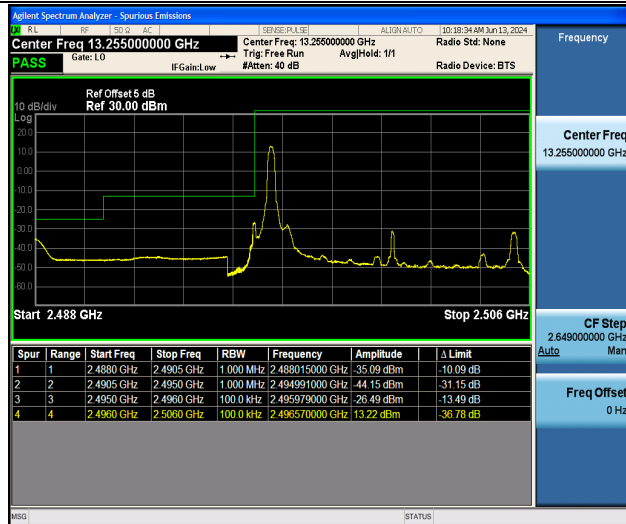
Band41_5MHz_16QAM_41565_1RB#24



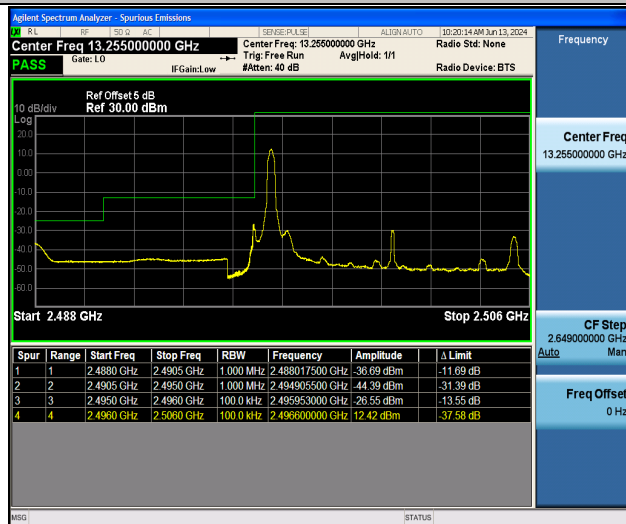
Band41_5MHz_QPSK_41565_25RB#0



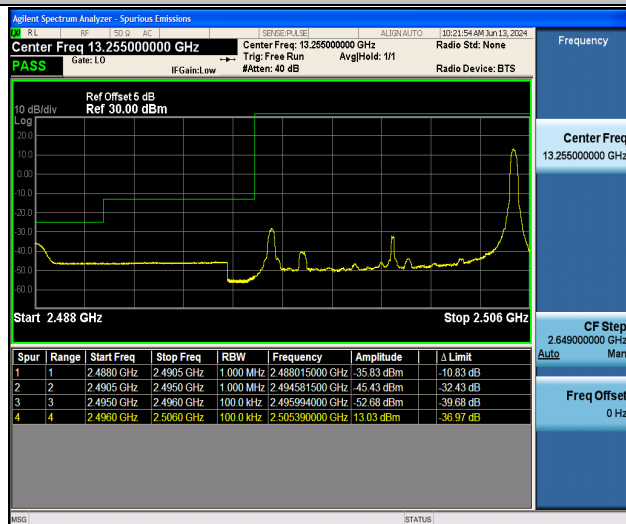
Band41_5MHz_16QAM_41565_25RB#0



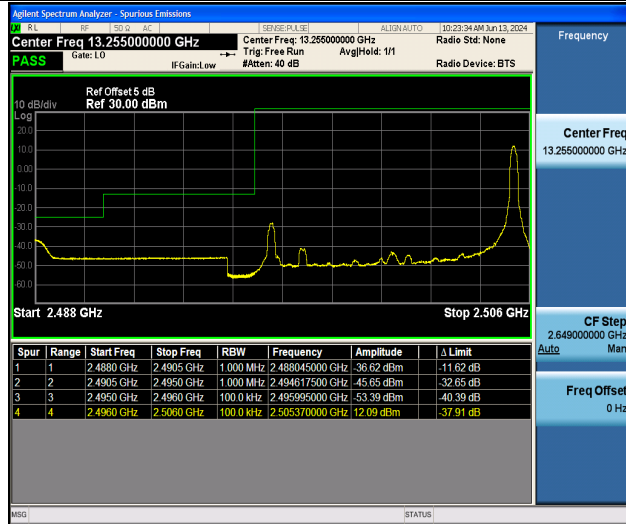
Band41_10MHz_QPSK_39700_1RB#0



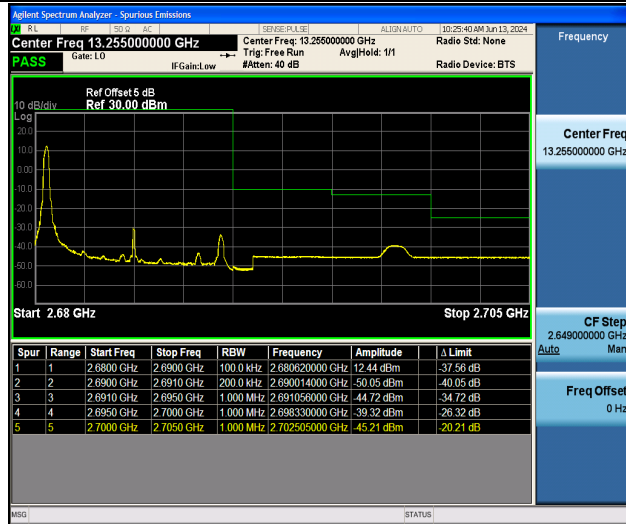
Band41_10MHz_16QAM_39700_1RB#0



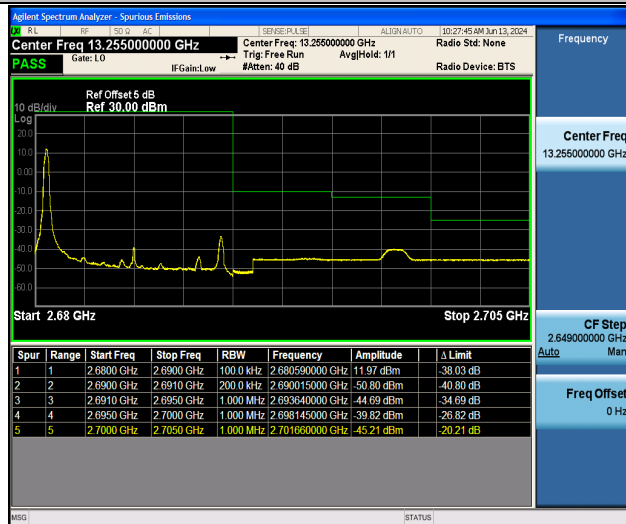
Band41_10MHz_QPSK_39700_1RB#49



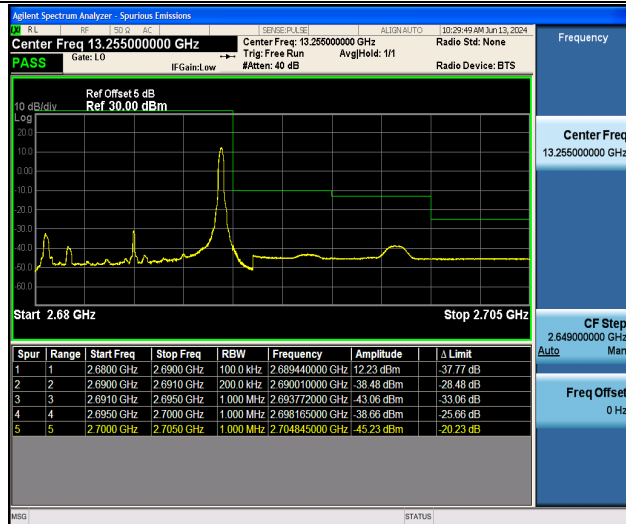
Band41_10MHz_16QAM_39700_1RB#49



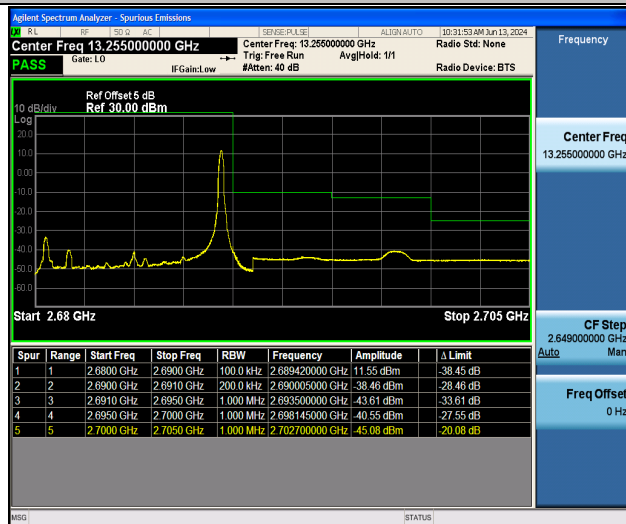
Band41_10MHz_QPSK_41540_1RB#0



Band41_10MHz_16QAM_41540_1RB#0



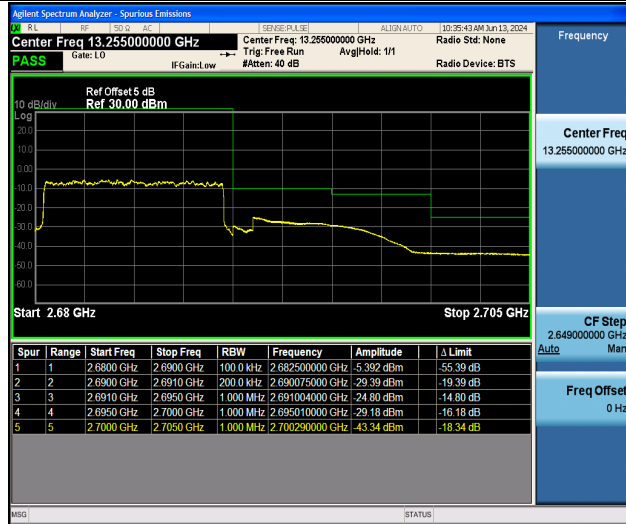
Band41_10MHz_QPSK_41540_1RB#49



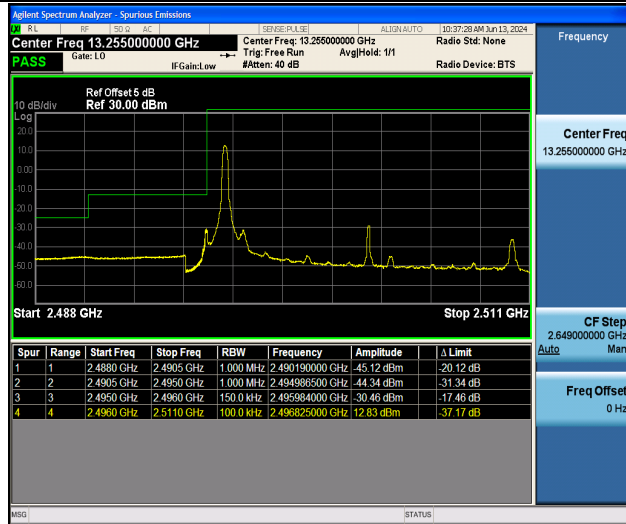
Band41_10MHz_16QAM_41540_1RB#49



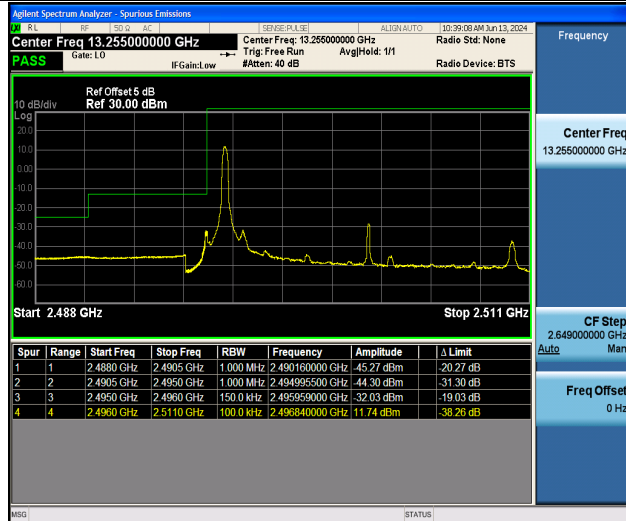
Band41_10MHz_QPSK_39700_50RB#0



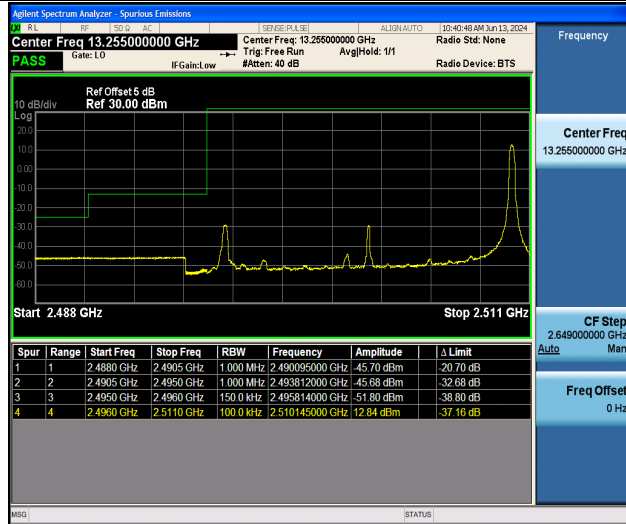
Band41_10MHz_QPSK_41540_50RB#0



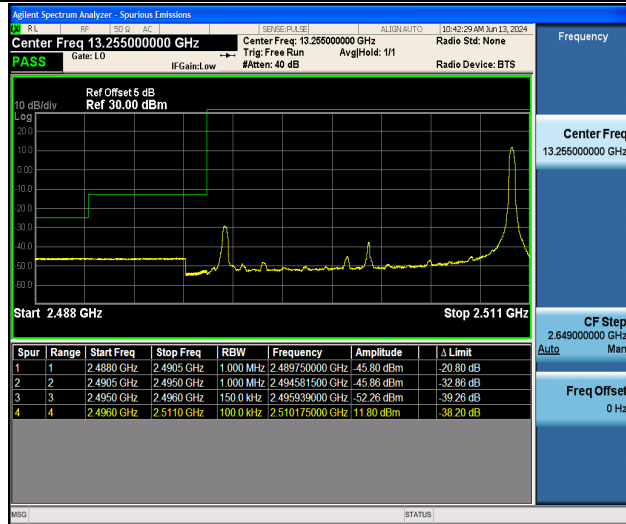
Band41_15MHz_QPSK_39725_1RB#0



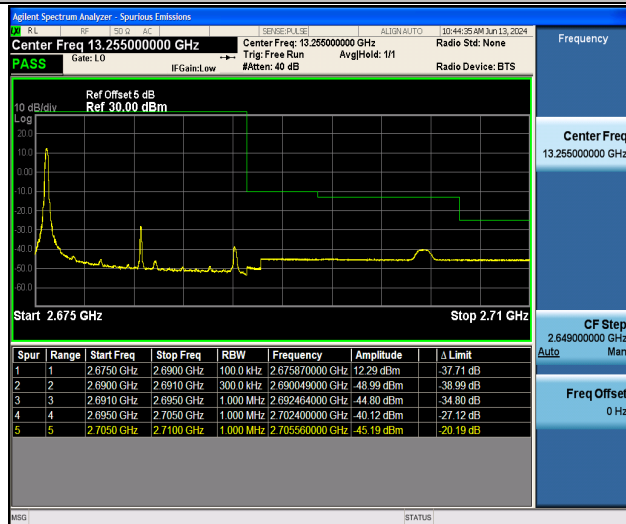
Band41_15MHz_16QAM_39725_1RB#0



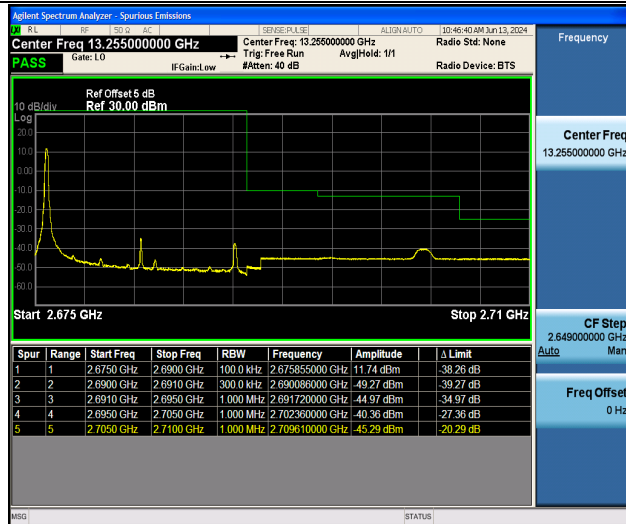
Band41_15MHz_QPSK_39725_1RB#74



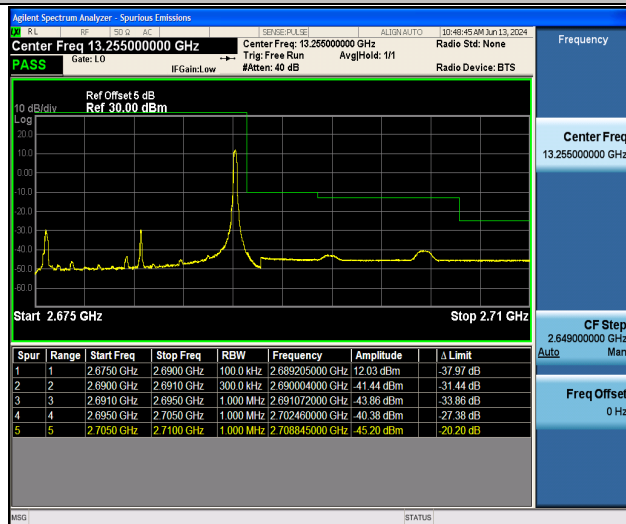
Band41_15MHz_16QAM_39725_1RB#74



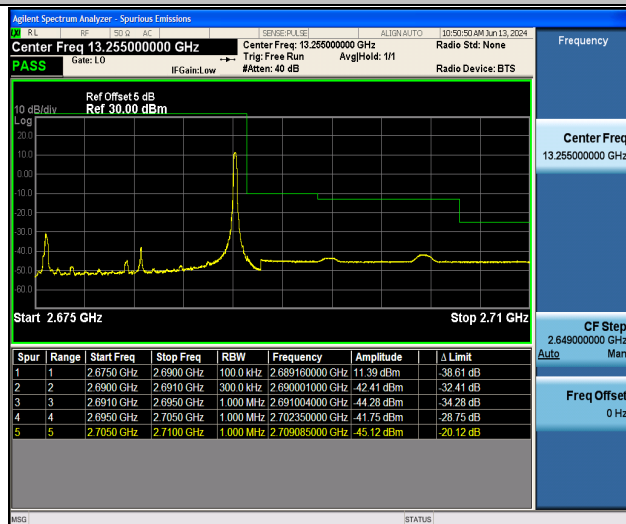
Band41_15MHz_QPSK_41515_1RB#0



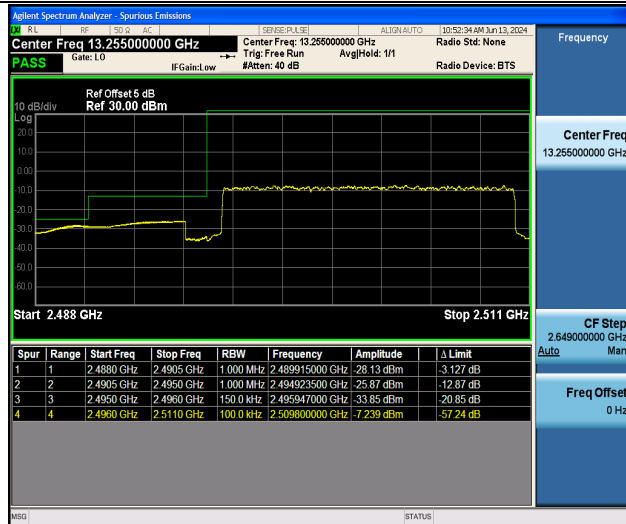
Band41_15MHz_16QAM_41515_1RB#0



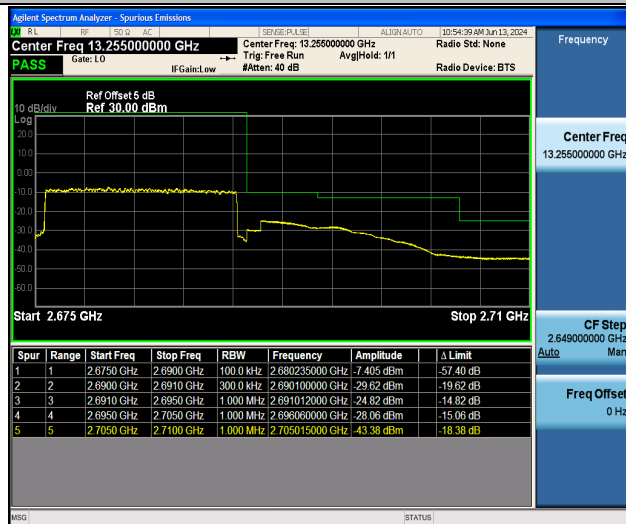
Band41_15MHz_QPSK_41515_1RB#74



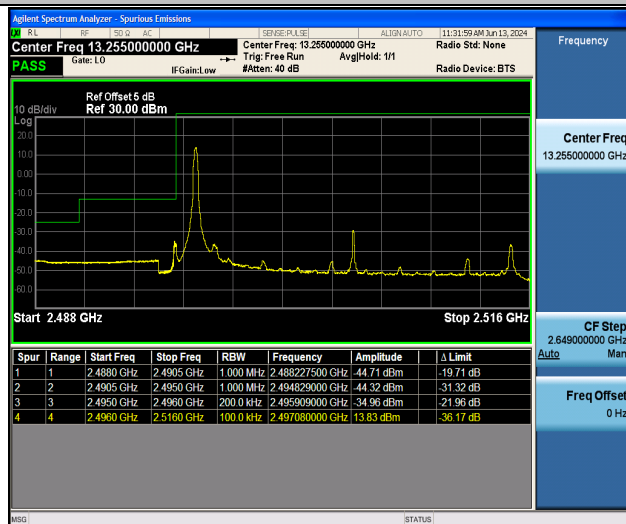
Band41_15MHz_16QAM_41515_1RB#74



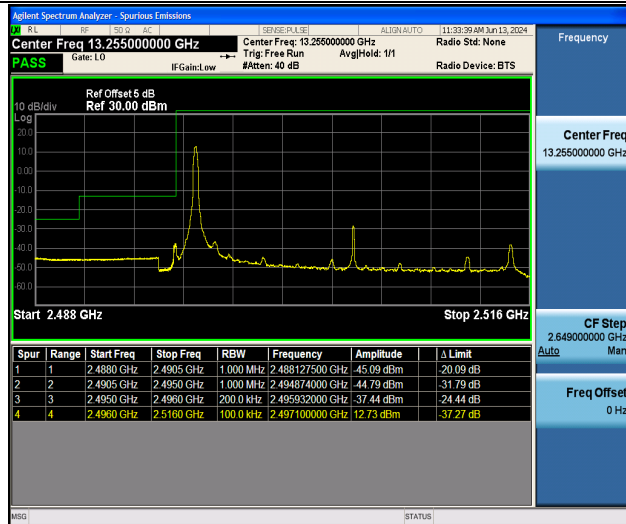
Band41_15MHz_QPSK_39725_75RB#0



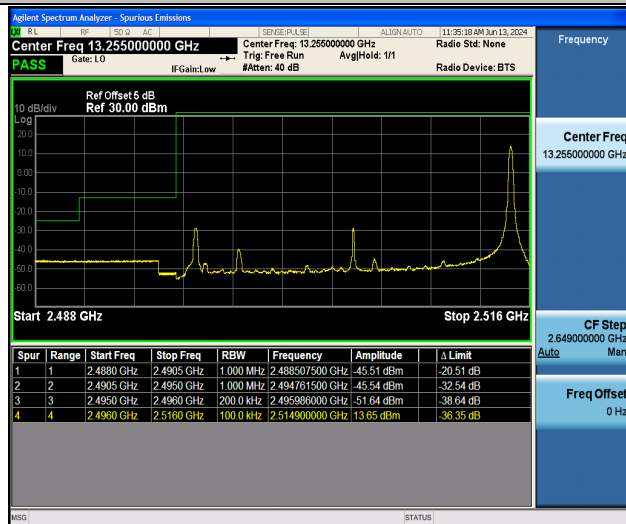
Band41_15MHz_QPSK_41515_75RB#0



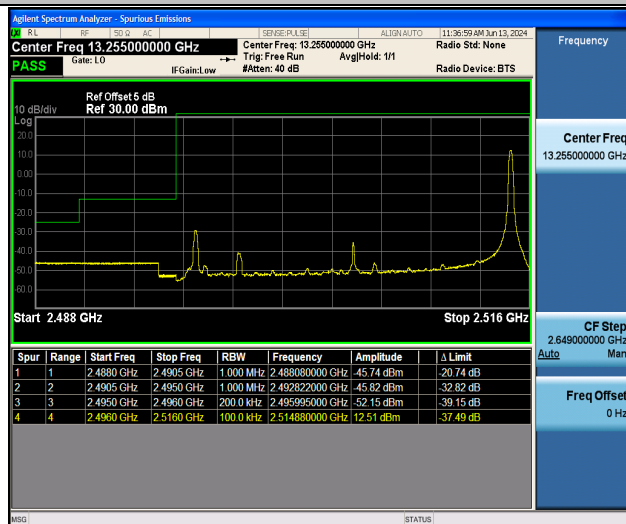
Band41_20MHz_QPSK_39750_1RB#0



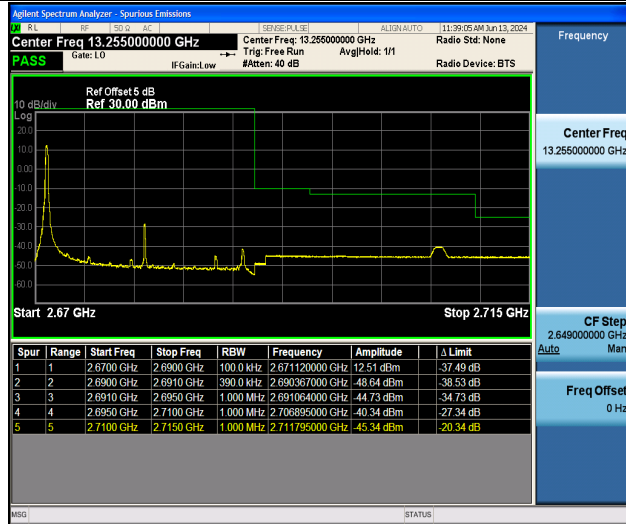
Band41_20MHz_16QAM_39750_1RB#0



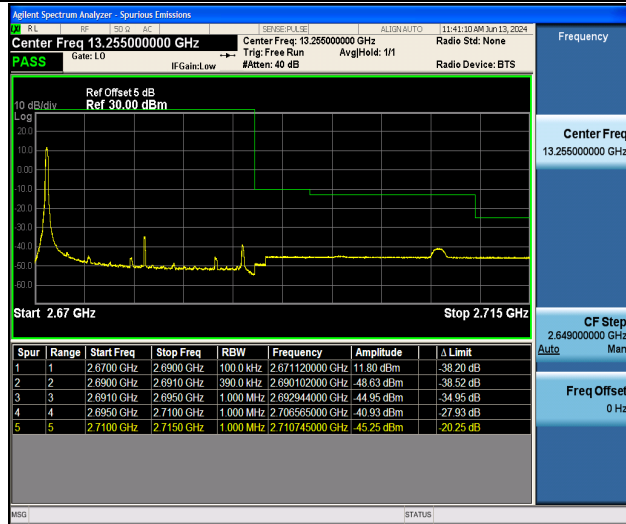
Band41_20MHz_QPSK_39750_1RB#99



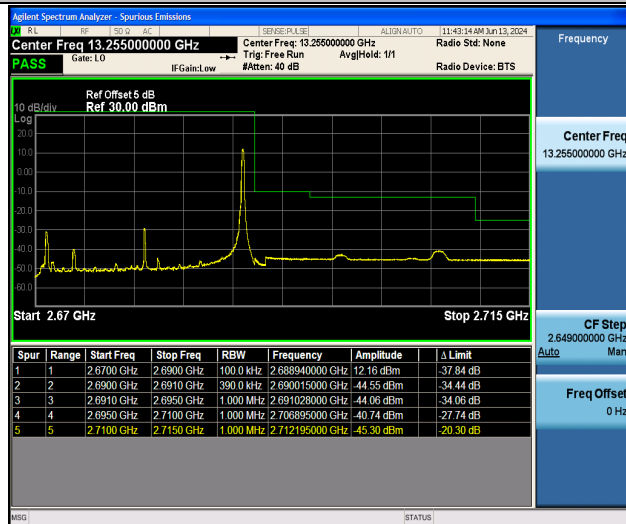
Band41_20MHz_16QAM_39750_1RB#99



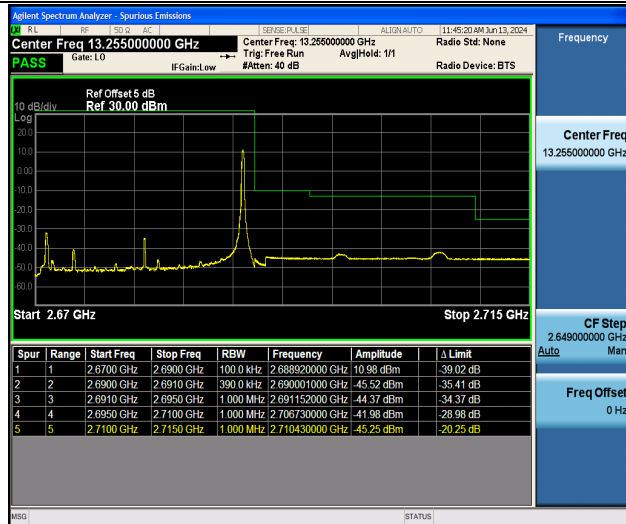
Band41_20MHz_QPSK_41490_1RB#0



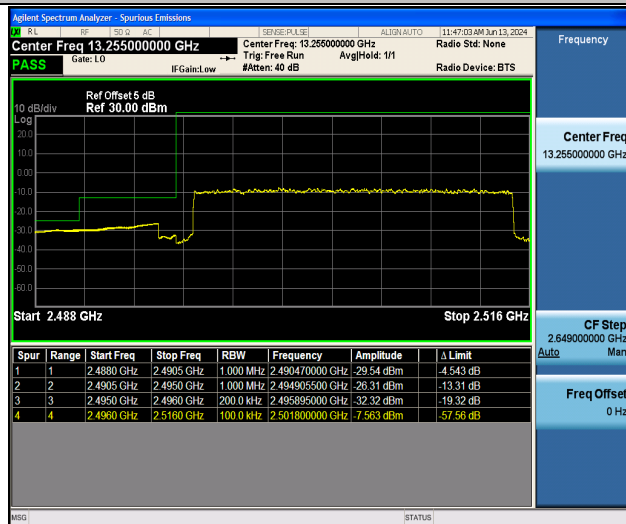
Band41_20MHz_16QAM_41490_1RB#0



Band41_20MHz_QPSK_41490_1RB#99



Band41_20MHz_16QAM_41490_1RB#99



Band41_20MHz_QPSK_39750_100RB#0



Band41_20MHz_QPSK_41490_100RB#0

1.5. Appendix E: Conducted Spurious Emission

Test Result

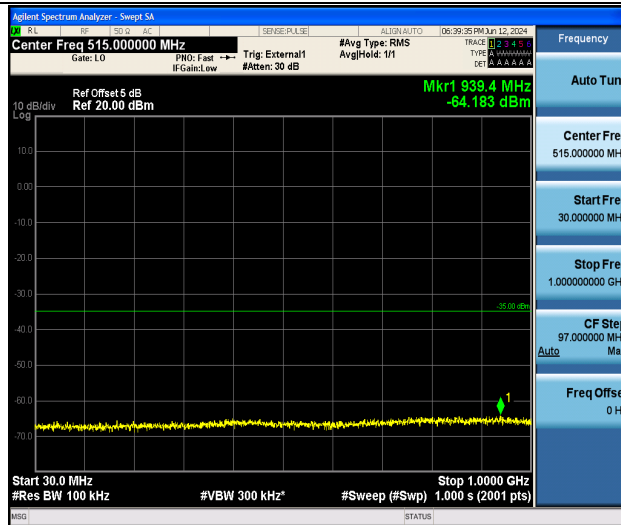
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	30~1000	-64.18	PASS
Band41	5MHz	QPSK	39675	1RB#0	20000~27000	-34.30	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.009~0.15	-67.86	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.15~30	-64.42	PASS
Band41	5MHz	16QAM	39675	1RB#0	30~1000	-64.28	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~20000	-30.55	PASS
Band41	5MHz	QPSK	39675	1RB#0	0.009~0.15	-65.62	PASS
Band41	5MHz	QPSK	39675	1RB#0	0.15~30	-65.44	PASS
Band41	5MHz	16QAM	39675	1RB#0	20000~27000	-33.79	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.009~0.15	-63.92	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.15~30	-56.45	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	-64.21	PASS
Band41	5MHz	16QAM	39675	1RB#0	1000~20000	-32.87	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~20000	-40.81	PASS
Band41	5MHz	QPSK	40620	1RB#0	20000~27000	-34.41	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.009~0.15	-65.36	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.15~30	-56.49	PASS
Band41	5MHz	16QAM	40620	1RB#0	30~1000	-64.24	PASS
Band41	5MHz	16QAM	40620	1RB#0	20000~27000	-33.94	PASS
Band41	5MHz	16QAM	40620	1RB#0	1000~20000	-43.22	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.009~0.15	-65.70	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.15~30	-62.23	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-64.29	PASS
Band41	5MHz	QPSK	41565	1RB#0	20000~27000	-34.37	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.009~0.15	-67.65	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.15~30	-64.12	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~20000	-41.23	PASS
Band41	5MHz	16QAM	41565	1RB#0	30~1000	-63.98	PASS
Band41	5MHz	16QAM	41565	1RB#0	20000~27000	-34.24	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.009~0.15	-67.82	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.15~30	-65.70	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000	-63.81	PASS

Band41	5MHz	16QAM	41565	1RB#0	1000~20000	-41.28	PASS
Band41	10MHz	QPSK	39700	1RB#0	20000~27000	-34.16	PASS
Band41	10MHz	16QAM	39700	1RB#0	0.009~0.15	-65.90	PASS
Band41	10MHz	16QAM	39700	1RB#0	0.15~30	-63.28	PASS
Band41	10MHz	16QAM	39700	1RB#0	30~1000	-63.91	PASS
Band41	10MHz	QPSK	39700	1RB#0	1000~20000	-30.85	PASS
Band41	10MHz	16QAM	39700	1RB#0	1000~20000	-29.16	PASS
Band41	10MHz	16QAM	39700	1RB#0	20000~27000	-34.33	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.009~0.15	-65.70	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.15~30	-56.27	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000	-64.28	PASS
Band41	10MHz	QPSK	40620	1RB#0	20000~27000	-34.26	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~20000	-41.96	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.009~0.15	-63.68	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.15~30	-57.26	PASS
Band41	10MHz	16QAM	40620	1RB#0	30~1000	-64.02	PASS
Band41	10MHz	16QAM	40620	1RB#0	20000~27000	-33.93	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.009~0.15	-66.05	PASS
Band41	10MHz	16QAM	40620	1RB#0	1000~20000	-41.84	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.15~30	-63.18	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	-63.04	PASS
Band41	10MHz	QPSK	41540	1RB#0	20000~27000	-34.10	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.009~0.15	-65.92	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.15~30	-63.39	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~20000	-42.68	PASS
Band41	10MHz	16QAM	41540	1RB#0	30~1000	-63.78	PASS
Band41	10MHz	16QAM	41540	1RB#0	20000~27000	-34.04	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.009~0.15	-68.03	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.15~30	-65.61	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000	-64.33	PASS
Band41	10MHz	16QAM	41540	1RB#0	1000~20000	-41.49	PASS
Band41	15MHz	QPSK	39725	1RB#0	20000~27000	-34.19	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.009~0.15	-69.14	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.15~30	-65.68	PASS
Band41	15MHz	16QAM	39725	1RB#0	30~1000	-64.11	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~20000	-31.95	PASS
Band41	15MHz	16QAM	39725	1RB#0	1000~20000	-33.25	PASS
Band41	15MHz	16QAM	39725	1RB#0	20000~27000	-33.89	PASS

Band41	15MHz	QPSK	40620	1RB#0	0.009~0.15	-66.64	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.15~30	-63.88	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000	-64.19	PASS
Band41	15MHz	QPSK	40620	1RB#0	20000~27000	-34.22	PASS
Band41	15MHz	QPSK	40620	1RB#0	1000~20000	-43.42	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.009~0.15	-67.11	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.15~30	-65.28	PASS
Band41	15MHz	16QAM	40620	1RB#0	30~1000	-64.29	PASS
Band41	15MHz	16QAM	40620	1RB#0	20000~27000	-34.15	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.009~0.15	-65.93	PASS
Band41	15MHz	16QAM	40620	1RB#0	1000~20000	-43.26	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.15~30	-65.71	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000	-63.97	PASS
Band41	15MHz	QPSK	41515	1RB#0	20000~27000	-34.43	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.009~0.15	-66.63	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.15~30	-63.39	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~20000	-42.50	PASS
Band41	15MHz	16QAM	41515	1RB#0	30~1000	-63.98	PASS
Band41	15MHz	16QAM	41515	1RB#0	20000~27000	-34.10	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.009~0.15	-66.27	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.15~30	-63.60	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	-64.24	PASS
Band41	15MHz	16QAM	41515	1RB#0	1000~20000	-43.04	PASS
Band41	20MHz	QPSK	39750	1RB#0	20000~27000	-34.41	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.009~0.15	-66.75	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.15~30	-64.11	PASS
Band41	20MHz	16QAM	39750	1RB#0	30~1000	-64.09	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~20000	-28.50	PASS
Band41	20MHz	16QAM	39750	1RB#0	1000~20000	-29.82	PASS
Band41	20MHz	16QAM	39750	1RB#0	20000~27000	-34.16	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.009~0.15	-70.25	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.15~30	-65.30	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	-63.83	PASS
Band41	20MHz	QPSK	40620	1RB#0	20000~27000	-34.28	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~20000	-43.24	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.009~0.15	-67.36	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.15~30	-64.39	PASS
Band41	20MHz	16QAM	40620	1RB#0	30~1000	-64.15	PASS

Band41	20MHz	16QAM	40620	1RB#0	20000~27000	-34.25	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.009~0.15	-67.86	PASS
Band41	20MHz	16QAM	40620	1RB#0	1000~20000	-42.97	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.15~30	-63.53	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	-64.36	PASS
Band41	20MHz	QPSK	41490	1RB#0	20000~27000	-34.22	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.009~0.15	-69.88	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.15~30	-63.56	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~20000	-42.81	PASS
Band41	20MHz	16QAM	41490	1RB#0	30~1000	-63.97	PASS
Band41	20MHz	16QAM	41490	1RB#0	20000~27000	-33.95	PASS
Band41	20MHz	16QAM	41490	1RB#0	1000~20000	-42.65	PASS

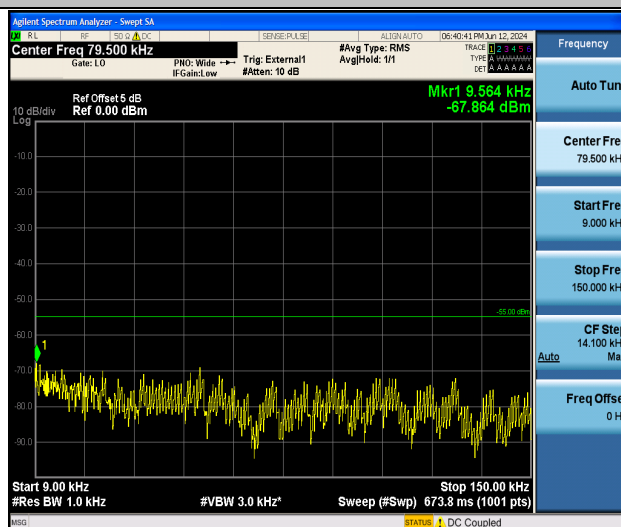
Test Graphs



Band41_5MHz_QPSK_39675_1RB#0_30~1000_30~1000



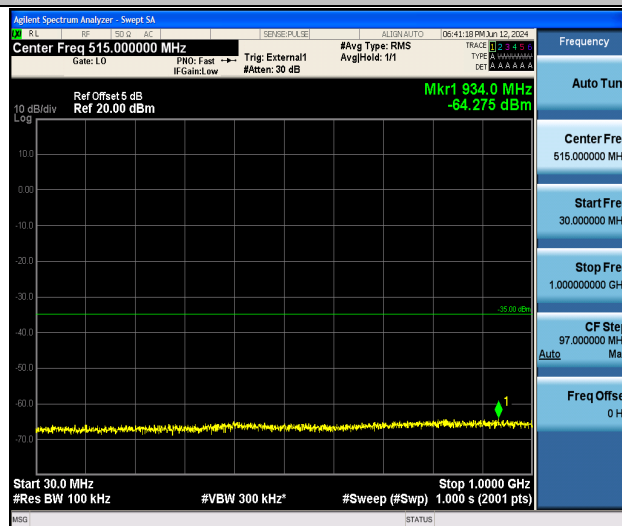
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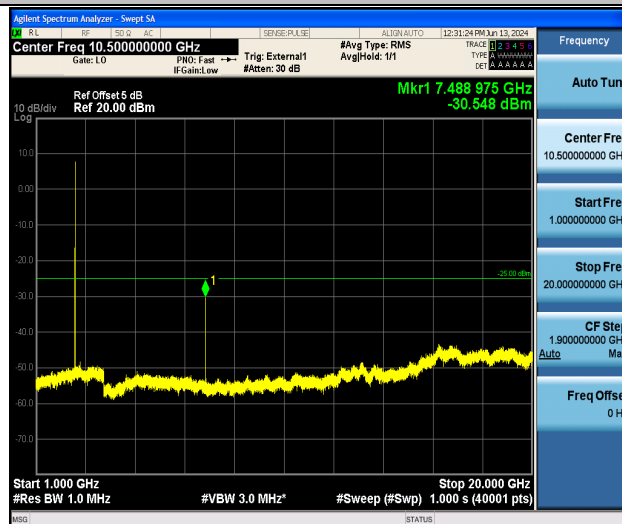
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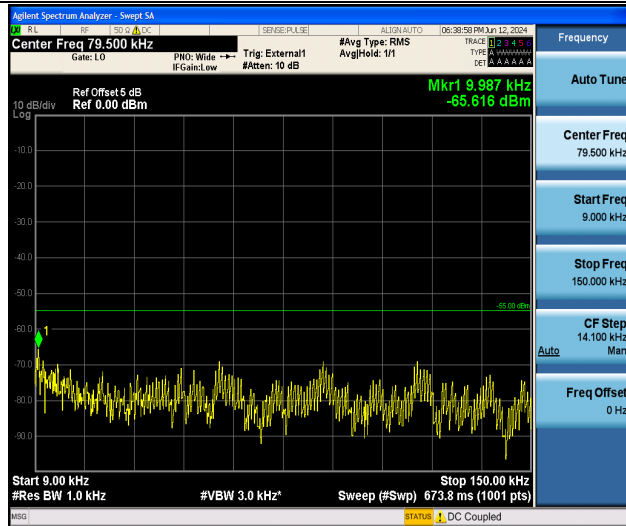
Band41_5MHz_16QAM_39675_1RB#0_0.15~30_0.15~30



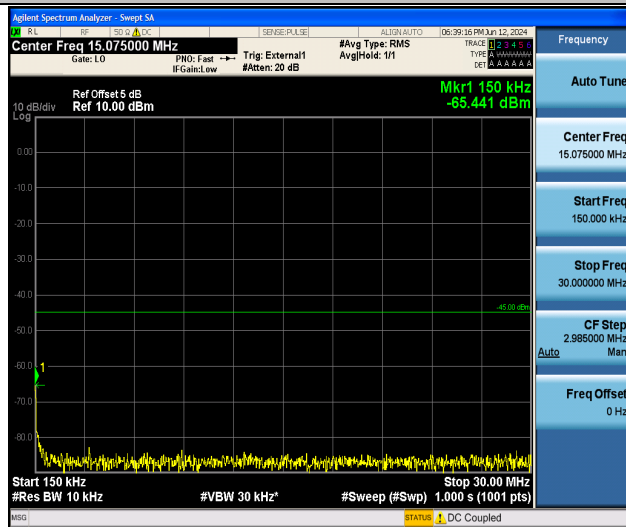
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Band41_5MHz_QPSK_39675_1RB#0_1000~20000_1000~20000



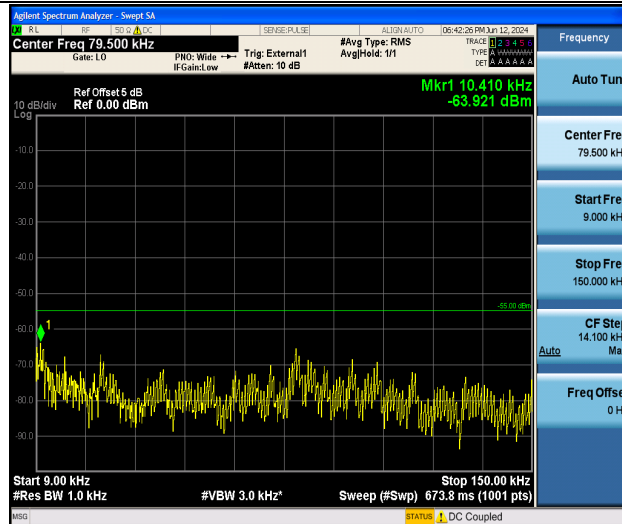
Band41_5MHz_QPSK_39675_1RB#0_0.009~0.15_0.009~0.15



Band41_5MHz_QPSK_39675_1RB#0_0.15~30_0.15~30



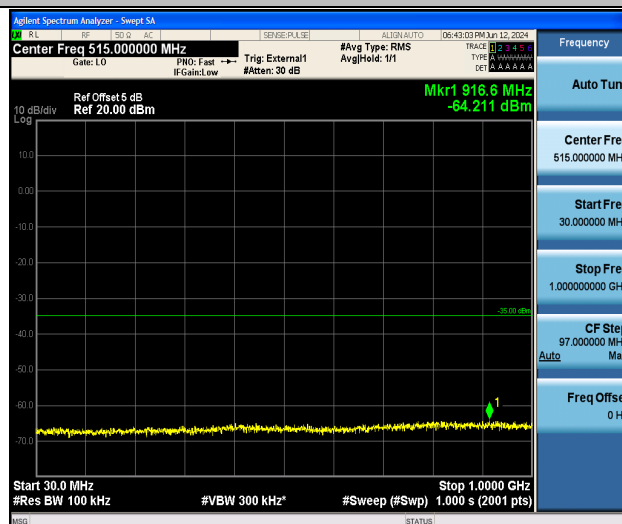
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Band41_5MHz_QPSK_40620_1RB#0_0.009~0.15_0.009~0.15



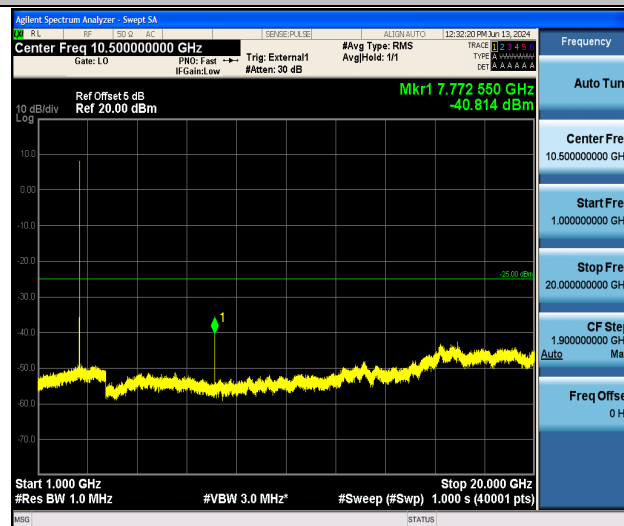
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Band41_5MHz_QPSK_40620_1RB#0_30~1000_30~1000



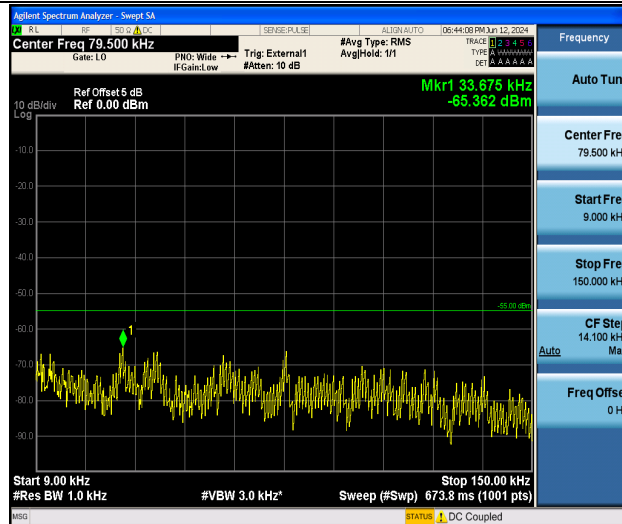
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Band41_5MHz_QPSK_40620_1RB#0_1000~20000_1000~20000



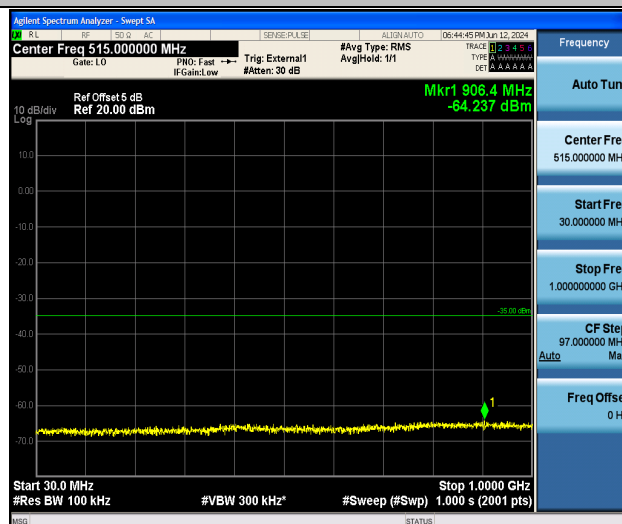
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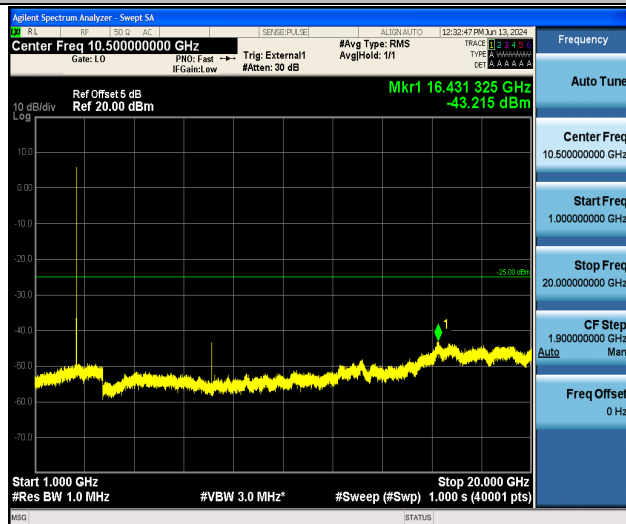
Band41_5MHz_16QAM_40620_1RB#0_0.15~30_0.15~30



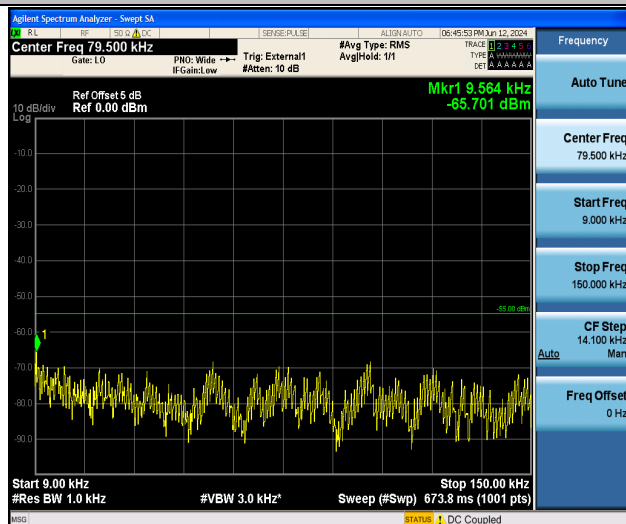
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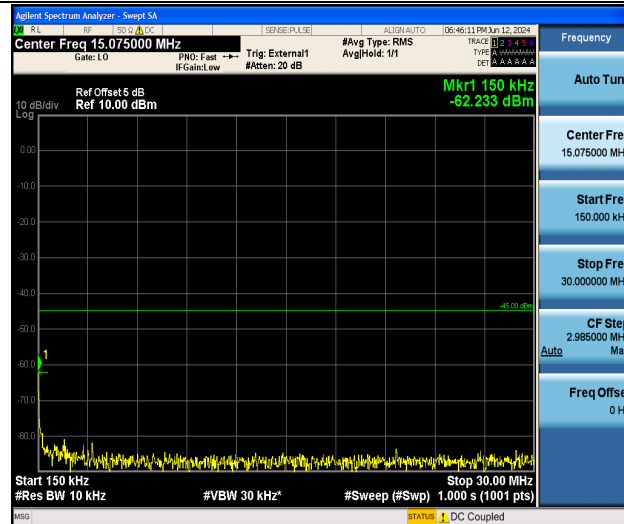
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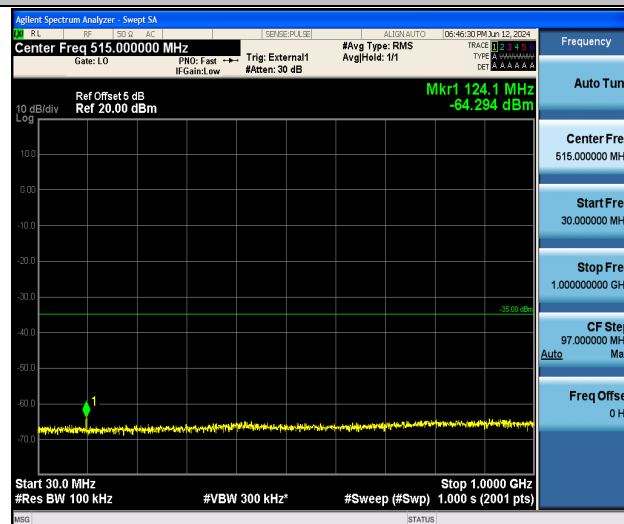
Band41_5MHz_16QAM_40620_1RB#0_1000~20000_1000~20000



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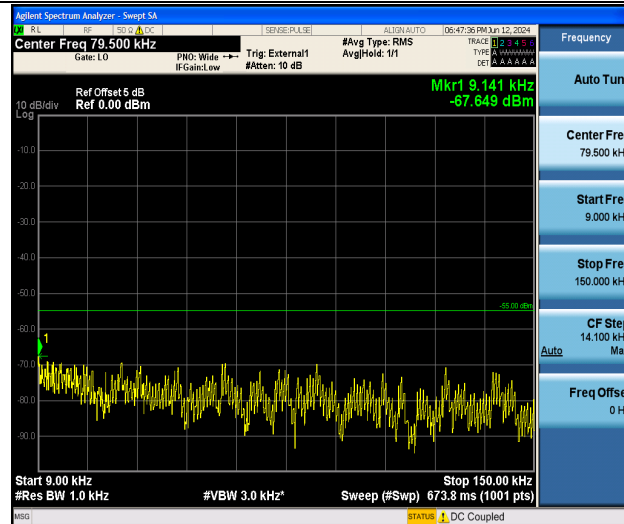
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Band41_5MHz_QPSK_41565_1RB#0_30~1000_30~1000



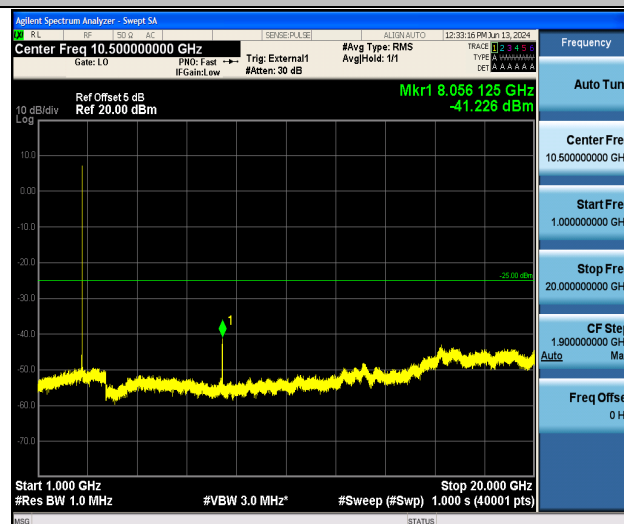
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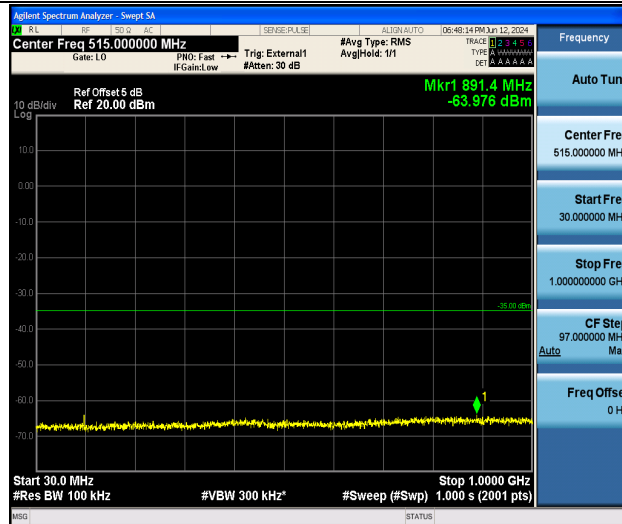
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Band41_5MHz_16QAM_41565_1RB#0_0.15~30_0.15~30



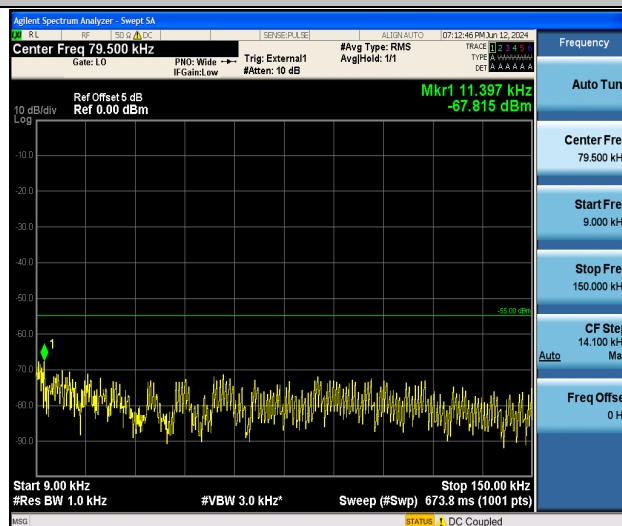
Band41_5MHz_QPSK_41565_1RB#0_1000~20000_1000~20000



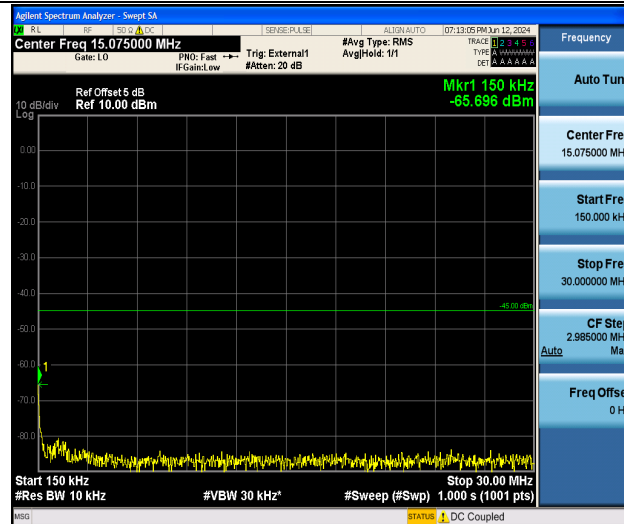
Band41_5MHz_16QAM_41565_1RB#0_30~1000_30~1000



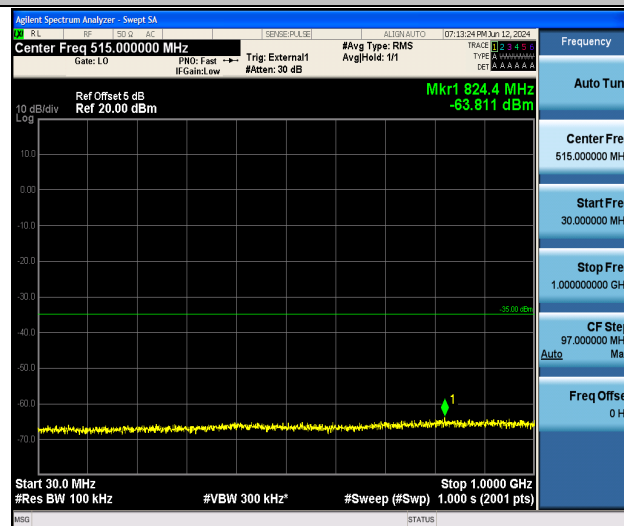
Band41_5MHz_16QAM_41565_1RB#0_20000~27000_20000~27000



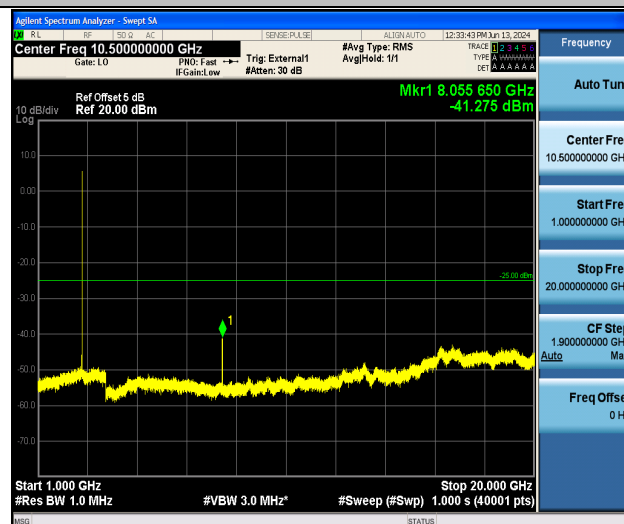
Band41_10MHz_QPSK_39700_1RB#0_0.009~0.15_0.009~0.15



Band41_10MHz_QPSK_39700_1RB#0_0.15~30_0.15~30



Band41_10MHz_QPSK_39700_1RB#0_30~1000_30~1000



Band41_5MHz_16QAM_41565_1RB#0_1000~20000_1000~20000