

Test Data for E-UTRA Band 41

EUT: <u>iMat @Weigh -30 Smart office Vending machine</u>	Test Model: <u>W80-30</u>
Ambient Condition: <u>25 °C, 45 %RH, 101.325 kPa</u>	
Test Engineer: <u>Jack Zhou</u>	

Contents

Appendix A: Effective (Isotropic) Radiated Power Output Data	3
Test Result.....	3
Appendix B: Peak-to-Average Ratio(CCDF).....	8
Test Result.....	8
Test Graphs.....	10
Appendix C: 26dB Bandwidth and Occupied Bandwidth	27
Test Result.....	27
Test Graphs.....	28
Appendix D: Band Edge	37
Test Result.....	37
Test Graphs.....	39
Appendix E: Conducted Spurious Emission.....	56
Test Result.....	56
Test Graphs.....	58
Appendix F: Frequency Stability.....	75
Test Result.....	75
Appendix G: Modulation Characteristics	85
Test Result.....	85
Test Graphs.....	86

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	23.06	25.42	PASS
Band41	5MHz	QPSK	39675	1RB#12	23.63	25.99	PASS
Band41	5MHz	QPSK	39675	1RB#24	23.50	25.86	PASS
Band41	5MHz	QPSK	39675	12RB#0	23.32	25.68	PASS
Band41	5MHz	QPSK	39675	12RB#6	23.31	25.67	PASS
Band41	5MHz	QPSK	39675	12RB#13	23.55	25.91	PASS
Band41	5MHz	QPSK	39675	25RB#0	23.44	25.80	PASS
Band41	5MHz	QPSK	40620	1RB#0	23.74	26.10	PASS
Band41	5MHz	QPSK	40620	1RB#12	24.04	26.40	PASS
Band41	5MHz	QPSK	40620	1RB#24	23.87	26.23	PASS
Band41	5MHz	QPSK	40620	12RB#0	23.11	25.47	PASS
Band41	5MHz	QPSK	40620	12RB#6	23.11	25.47	PASS
Band41	5MHz	QPSK	40620	12RB#13	23.06	25.42	PASS
Band41	5MHz	QPSK	40620	25RB#0	23.04	25.40	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.94	25.30	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.88	25.24	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.29	24.65	PASS
Band41	5MHz	QPSK	41565	12RB#0	22.88	25.24	PASS
Band41	5MHz	QPSK	41565	12RB#6	22.88	25.24	PASS
Band41	5MHz	QPSK	41565	12RB#13	22.57	24.93	PASS
Band41	5MHz	QPSK	41565	25RB#0	22.72	25.08	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.46	24.82	PASS
Band41	5MHz	16QAM	39675	1RB#12	23.03	25.39	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.87	25.23	PASS
Band41	5MHz	16QAM	39675	12RB#0	22.35	24.71	PASS
Band41	5MHz	16QAM	39675	12RB#6	22.35	24.71	PASS
Band41	5MHz	16QAM	39675	12RB#13	22.58	24.94	PASS
Band41	5MHz	16QAM	39675	25RB#0	22.50	24.86	PASS
Band41	5MHz	16QAM	40620	1RB#0	23.18	25.54	PASS
Band41	5MHz	16QAM	40620	1RB#12	23.15	25.51	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.85	25.21	PASS

Band41	5MHz	16QAM	40620	12RB#0	22.04	24.40	PASS
Band41	5MHz	16QAM	40620	12RB#6	22.04	24.40	PASS
Band41	5MHz	16QAM	40620	12RB#13	22.09	24.45	PASS
Band41	5MHz	16QAM	40620	25RB#0	22.10	24.46	PASS
Band41	5MHz	16QAM	41565	1RB#0	22.30	24.66	PASS
Band41	5MHz	16QAM	41565	1RB#12	22.31	24.67	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.70	24.06	PASS
Band41	5MHz	16QAM	41565	12RB#0	21.96	24.32	PASS
Band41	5MHz	16QAM	41565	12RB#6	21.95	24.31	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.64	24.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.83	24.19	PASS
Band41	10MHz	QPSK	39700	1RB#0	22.47	24.83	PASS
Band41	10MHz	QPSK	39700	1RB#24	23.80	26.16	PASS
Band41	10MHz	QPSK	39700	1RB#49	23.22	25.58	PASS
Band41	10MHz	QPSK	39700	25RB#0	23.33	25.69	PASS
Band41	10MHz	QPSK	39700	25RB#12	23.33	25.69	PASS
Band41	10MHz	QPSK	39700	25RB#25	23.69	26.05	PASS
Band41	10MHz	QPSK	39700	50RB#0	23.50	25.86	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.94	26.30	PASS
Band41	10MHz	QPSK	40620	1RB#24	24.05	26.41	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.83	26.19	PASS
Band41	10MHz	QPSK	40620	25RB#0	23.18	25.54	PASS
Band41	10MHz	QPSK	40620	25RB#12	23.10	25.46	PASS
Band41	10MHz	QPSK	40620	25RB#25	23.09	25.45	PASS
Band41	10MHz	QPSK	40620	50RB#0	23.05	25.41	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.95	25.31	PASS
Band41	10MHz	QPSK	41540	1RB#24	23.23	25.59	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.85	24.21	PASS
Band41	10MHz	QPSK	41540	25RB#0	23.19	25.55	PASS
Band41	10MHz	QPSK	41540	25RB#12	22.90	25.26	PASS
Band41	10MHz	QPSK	41540	25RB#25	22.73	25.09	PASS
Band41	10MHz	QPSK	41540	50RB#0	22.95	25.31	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.87	24.23	PASS
Band41	10MHz	16QAM	39700	1RB#24	23.22	25.58	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.66	25.02	PASS
Band41	10MHz	16QAM	39700	25RB#0	22.42	24.78	PASS
Band41	10MHz	16QAM	39700	25RB#12	22.42	24.78	PASS

Band41	10MHz	16QAM	39700	25RB#25	22.80	25.16	PASS
Band41	10MHz	16QAM	39700	50RB#0	22.54	24.90	PASS
Band41	10MHz	16QAM	40620	1RB#0	23.31	25.67	PASS
Band41	10MHz	16QAM	40620	1RB#24	23.20	25.56	PASS
Band41	10MHz	16QAM	40620	1RB#49	23.16	25.52	PASS
Band41	10MHz	16QAM	40620	25RB#0	22.21	24.57	PASS
Band41	10MHz	16QAM	40620	25RB#12	22.21	24.57	PASS
Band41	10MHz	16QAM	40620	25RB#25	22.02	24.38	PASS
Band41	10MHz	16QAM	40620	50RB#0	22.09	24.45	PASS
Band41	10MHz	16QAM	41540	1RB#0	22.30	24.66	PASS
Band41	10MHz	16QAM	41540	1RB#24	22.66	25.02	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.31	23.67	PASS
Band41	10MHz	16QAM	41540	25RB#0	22.13	24.49	PASS
Band41	10MHz	16QAM	41540	25RB#12	22.03	24.39	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.88	24.24	PASS
Band41	10MHz	16QAM	41540	50RB#0	22.03	24.39	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.60	24.96	PASS
Band41	15MHz	QPSK	39725	1RB#38	24.01	26.37	PASS
Band41	15MHz	QPSK	39725	1RB#74	23.56	25.92	PASS
Band41	15MHz	QPSK	39725	38RB#0	23.73	26.09	PASS
Band41	15MHz	QPSK	39725	38RB#18	23.41	25.77	PASS
Band41	15MHz	QPSK	39725	38RB#37	23.40	25.76	PASS
Band41	15MHz	QPSK	39725	75RB#0	23.40	25.76	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.95	26.31	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.94	26.30	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.66	26.02	PASS
Band41	15MHz	QPSK	40620	38RB#0	23.07	25.43	PASS
Band41	15MHz	QPSK	40620	38RB#18	23.15	25.51	PASS
Band41	15MHz	QPSK	40620	38RB#37	23.14	25.50	PASS
Band41	15MHz	QPSK	40620	75RB#0	23.14	25.50	PASS
Band41	15MHz	QPSK	41515	1RB#0	23.54	25.90	PASS
Band41	15MHz	QPSK	41515	1RB#38	23.44	25.80	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.95	24.31	PASS
Band41	15MHz	QPSK	41515	38RB#0	23.23	25.59	PASS
Band41	15MHz	QPSK	41515	38RB#18	22.92	25.28	PASS
Band41	15MHz	QPSK	41515	38RB#37	22.92	25.28	PASS
Band41	15MHz	QPSK	41515	75RB#0	22.91	25.27	PASS

Band41	15MHz	16QAM	39725	1RB#0	22.02	24.38	PASS
Band41	15MHz	16QAM	39725	1RB#38	23.43	25.79	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.98	25.34	PASS
Band41	15MHz	16QAM	39725	38RB#0	23.41	25.77	PASS
Band41	15MHz	16QAM	39725	38RB#18	23.41	25.77	PASS
Band41	15MHz	16QAM	39725	38RB#37	23.40	25.76	PASS
Band41	15MHz	16QAM	39725	75RB#0	22.47	24.83	PASS
Band41	15MHz	16QAM	40620	1RB#0	23.24	25.60	PASS
Band41	15MHz	16QAM	40620	1RB#38	23.12	25.48	PASS
Band41	15MHz	16QAM	40620	1RB#74	23.07	25.43	PASS
Band41	15MHz	16QAM	40620	38RB#0	23.06	25.42	PASS
Band41	15MHz	16QAM	40620	38RB#18	23.14	25.50	PASS
Band41	15MHz	16QAM	40620	38RB#37	23.14	25.50	PASS
Band41	15MHz	16QAM	40620	75RB#0	22.22	24.58	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.91	25.27	PASS
Band41	15MHz	16QAM	41515	1RB#38	22.86	25.22	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.39	23.75	PASS
Band41	15MHz	16QAM	41515	38RB#0	22.93	25.29	PASS
Band41	15MHz	16QAM	41515	38RB#18	22.92	25.28	PASS
Band41	15MHz	16QAM	41515	38RB#37	22.91	25.27	PASS
Band41	15MHz	16QAM	41515	75RB#0	22.02	24.38	PASS
Band41	20MHz	QPSK	39750	1RB#0	22.32	24.68	PASS
Band41	20MHz	QPSK	39750	1RB#49	24.15	26.51	PASS
Band41	20MHz	QPSK	39750	1RB#99	23.36	25.72	PASS
Band41	20MHz	QPSK	39750	50RB#0	23.50	25.86	PASS
Band41	20MHz	QPSK	39750	50RB#25	23.38	25.74	PASS
Band41	20MHz	QPSK	39750	50RB#50	23.28	25.64	PASS
Band41	20MHz	QPSK	39750	100RB#0	23.35	25.71	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.94	26.30	PASS
Band41	20MHz	QPSK	40620	1RB#49	24.62	26.98	PASS
Band41	20MHz	QPSK	40620	1RB#99	23.81	26.17	PASS
Band41	20MHz	QPSK	40620	50RB#0	23.17	25.53	PASS
Band41	20MHz	QPSK	40620	50RB#25	23.19	25.55	PASS
Band41	20MHz	QPSK	40620	50RB#50	23.19	25.55	PASS
Band41	20MHz	QPSK	40620	100RB#0	23.15	25.51	PASS
Band41	20MHz	QPSK	41490	1RB#0	23.71	26.07	PASS
Band41	20MHz	QPSK	41490	1RB#49	23.71	26.07	PASS

Band41	20MHz	QPSK	41490	1RB#99	21.70	24.06	PASS
Band41	20MHz	QPSK	41490	50RB#0	23.86	26.22	PASS
Band41	20MHz	QPSK	41490	50RB#25	22.96	25.32	PASS
Band41	20MHz	QPSK	41490	50RB#50	22.95	25.31	PASS
Band41	20MHz	QPSK	41490	100RB#0	22.95	25.31	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.55	23.91	PASS
Band41	20MHz	16QAM	39750	1RB#49	23.39	25.75	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.59	24.95	PASS
Band41	20MHz	16QAM	39750	50RB#0	22.53	24.89	PASS
Band41	20MHz	16QAM	39750	50RB#25	22.43	24.79	PASS
Band41	20MHz	16QAM	39750	50RB#50	22.34	24.70	PASS
Band41	20MHz	16QAM	39750	100RB#0	22.38	24.74	PASS
Band41	20MHz	16QAM	40620	1RB#0	23.32	25.68	PASS
Band41	20MHz	16QAM	40620	1RB#49	23.88	26.24	PASS
Band41	20MHz	16QAM	40620	1RB#99	23.39	25.75	PASS
Band41	20MHz	16QAM	40620	50RB#0	22.34	24.70	PASS
Band41	20MHz	16QAM	40620	50RB#25	22.34	24.70	PASS
Band41	20MHz	16QAM	40620	50RB#50	22.26	24.62	PASS
Band41	20MHz	16QAM	40620	100RB#0	22.19	24.55	PASS
Band41	20MHz	16QAM	41490	1RB#0	22.89	25.25	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.95	25.31	PASS
Band41	20MHz	16QAM	41490	1RB#99	20.96	23.32	PASS
Band41	20MHz	16QAM	41490	50RB#0	22.04	24.40	PASS
Band41	20MHz	16QAM	41490	50RB#25	22.05	24.41	PASS
Band41	20MHz	16QAM	41490	50RB#50	22.02	24.38	PASS
Band41	20MHz	16QAM	41490	100RB#0	22.02	24.38	PASS

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

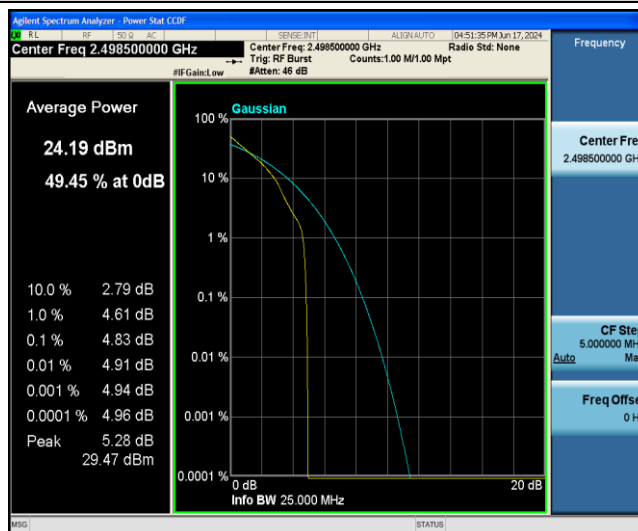
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	4.83	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	4.85	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	4.39	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.81	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	5.03	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.84	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	5.88	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	5.71	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	5.74	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	5.72	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	5.53	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	5.68	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	5.13	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	4.82	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	4.39	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	4.85	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	4.57	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	4.72	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	6.54	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	5.70	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	5.65	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	5.71	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	5.29	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	5.63	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	6.01	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.09	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	5.16	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.13	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	4.73	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	4.90	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	6.13	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	5.86	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	5.77	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	5.90	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	5.56	13	PASS

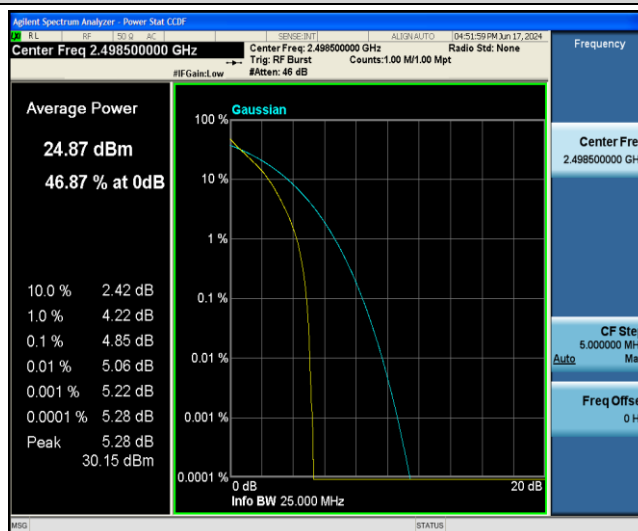
Band41	15MHz	16QAM	41515	75RB#0	5.68	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	5.60	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	4.92	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	4.48	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.00	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	4.06	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	4.78	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	5.85	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	5.76	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	4.89	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	5.82	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	4.92	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	5.61	13	PASS

Test Graphs

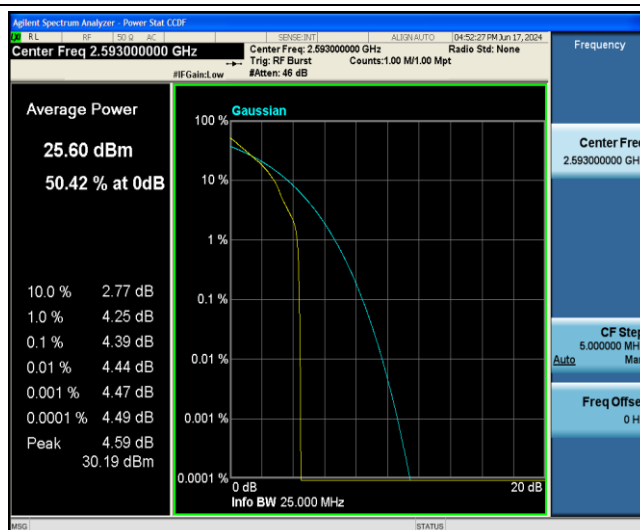
Band41-5MHz-QPSK-39675-1RB#0



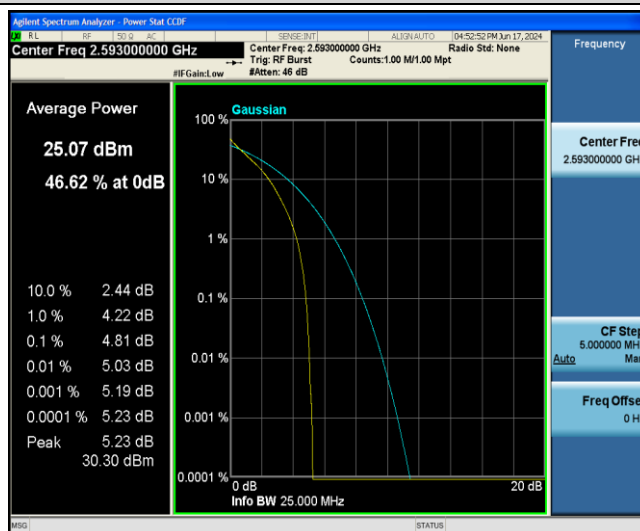
Band41-5MHz-QPSK-39675-25RB#0



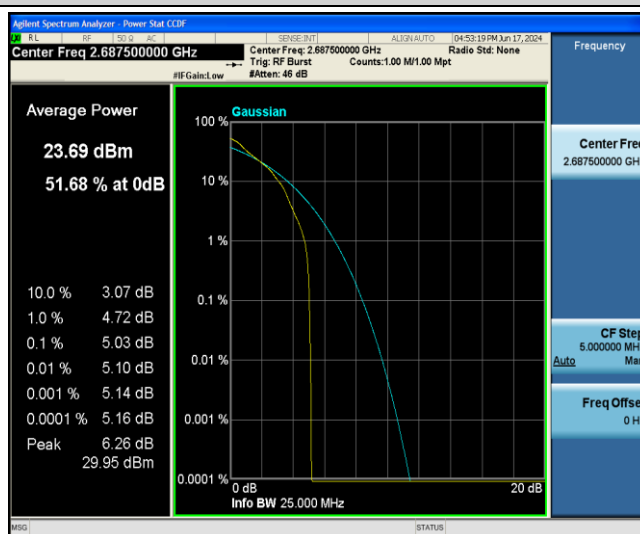
Band41-5MHz-QPSK-40620-1RB#0



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



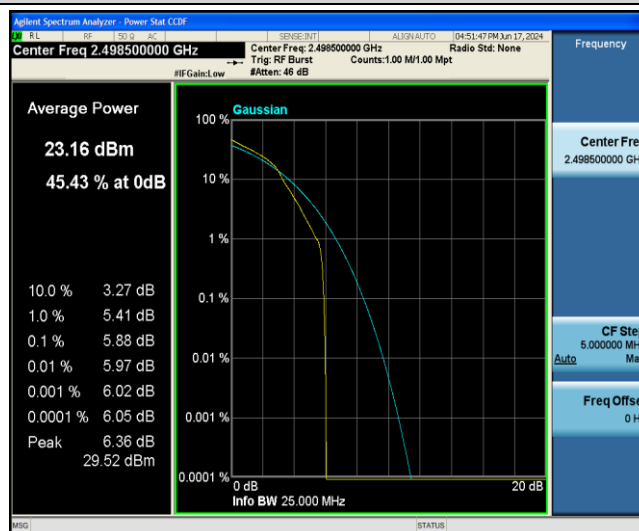
Band41-5MHz-QPSK-41565-1RB#0



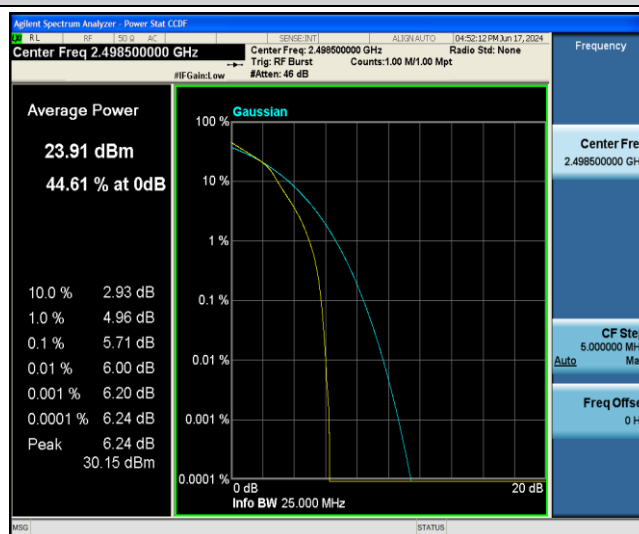
Band41-5MHz-QPSK-41565-25RB#0



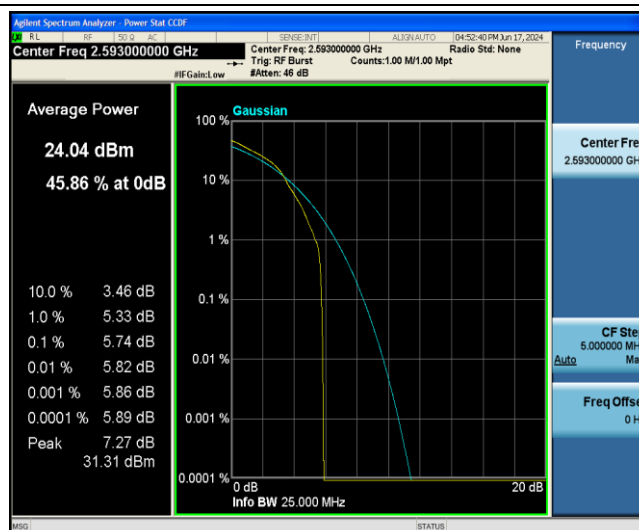
Band41-5MHz-16QAM-39675-1RB#0



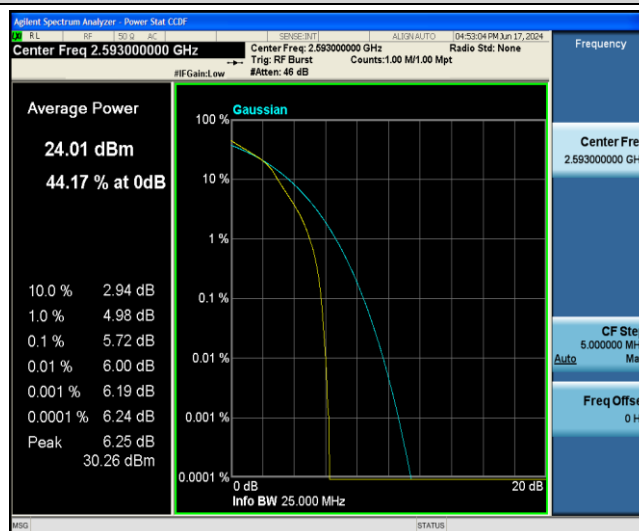
Band41-5MHz-16QAM-39675-25RB#0



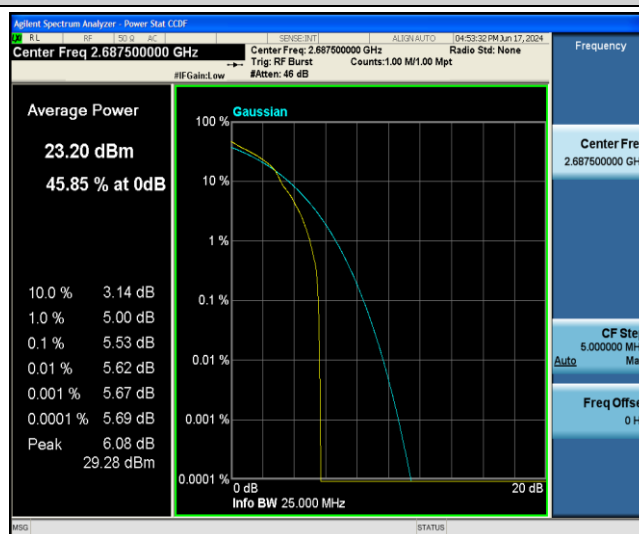
Band41-5MHz-16QAM-40620-1RB#0



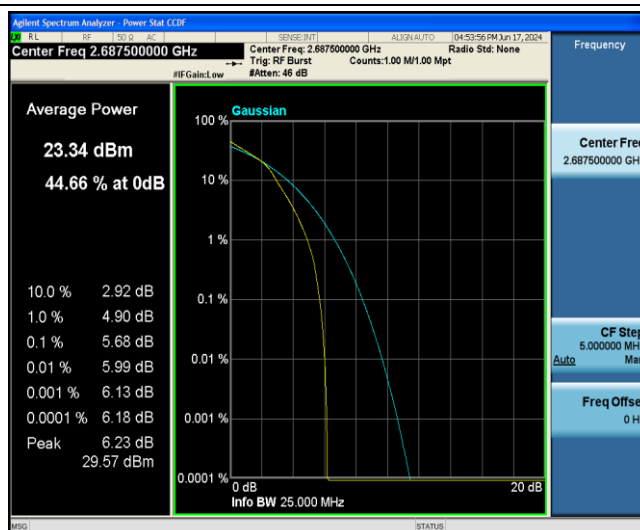
Band41-5MHz-16QAM-40620-25RB#0



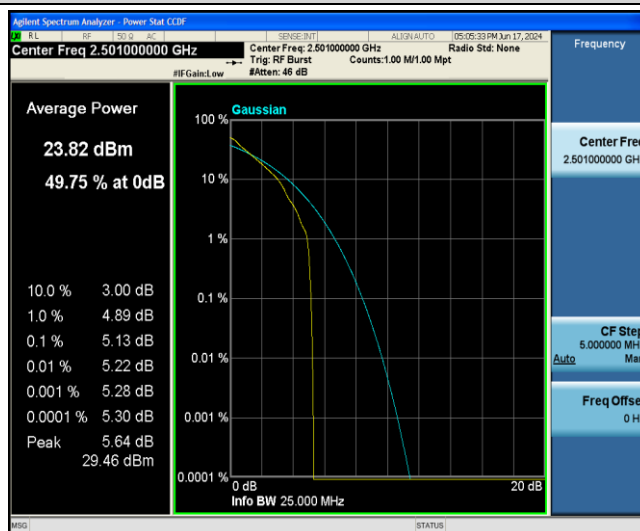
Band41-5MHz-16QAM-41565-1RB#0



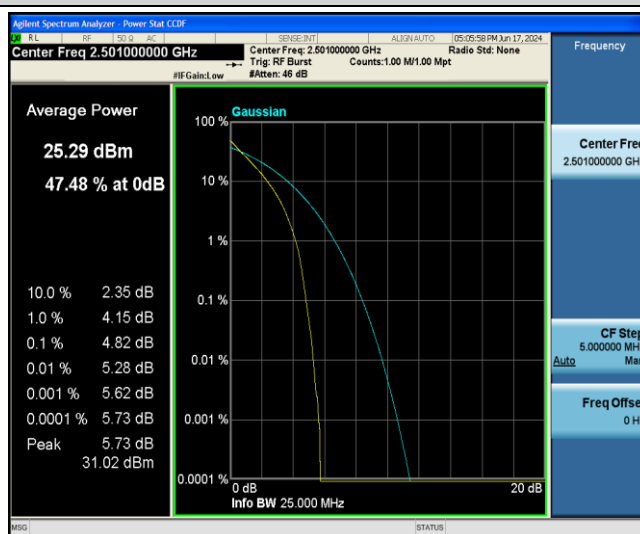
Band41-5MHz-16QAM-41565-25RB#0



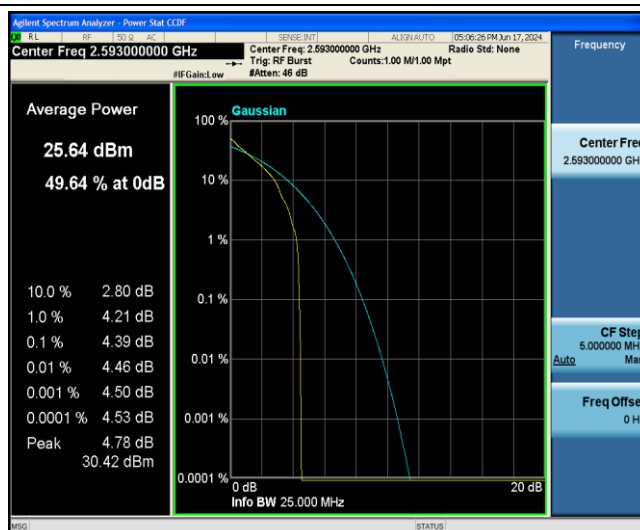
Band41-10MHz-QPSK-39700-1RB#0



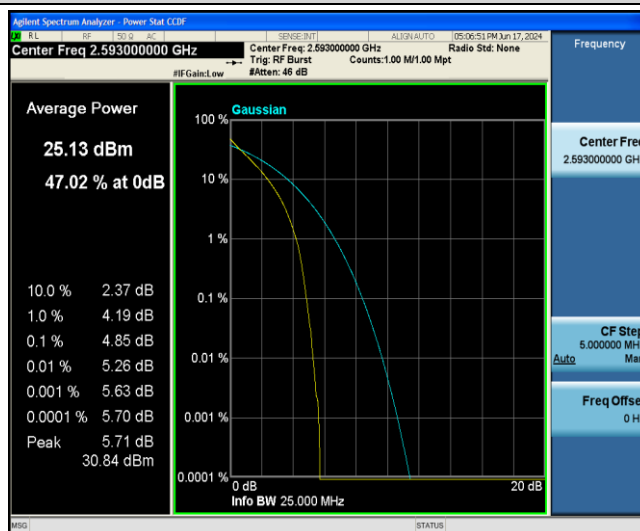
Band41-10MHz-QPSK-39700-50RB#0



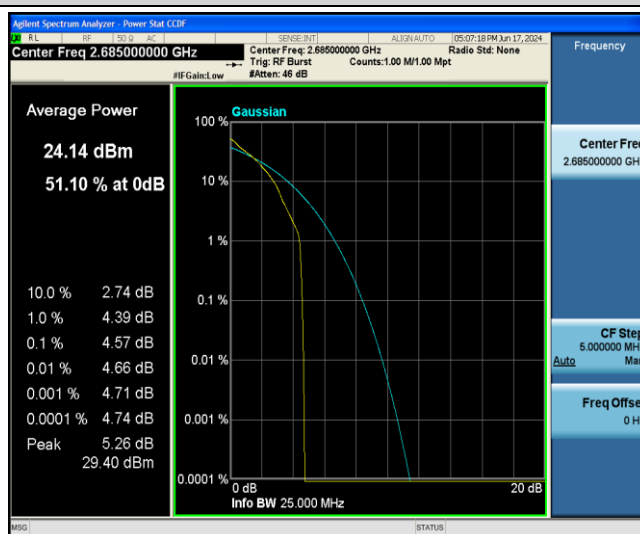
Band41-10MHz-QPSK-40620-1RB#0



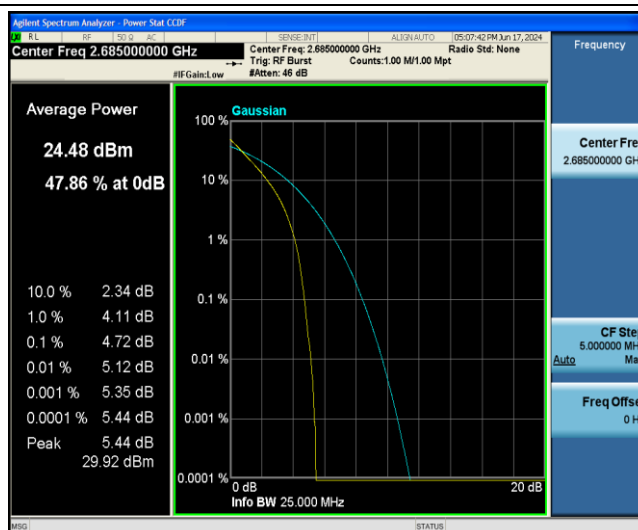
Band41-10MHz-QPSK-40620-50RB#0



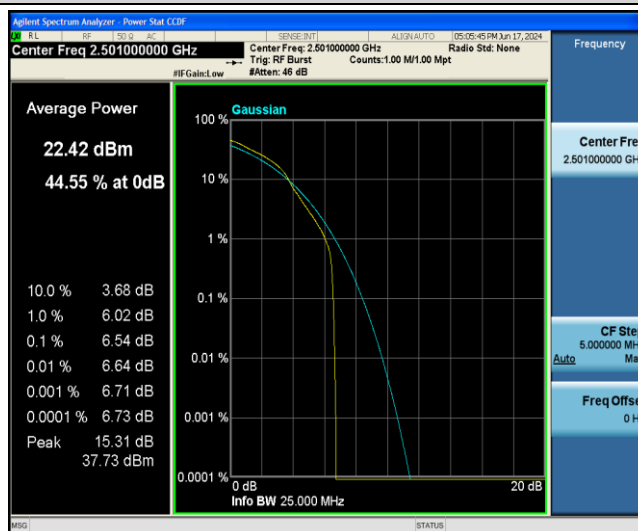
Band41-10MHz-QPSK-41540-1RB#0



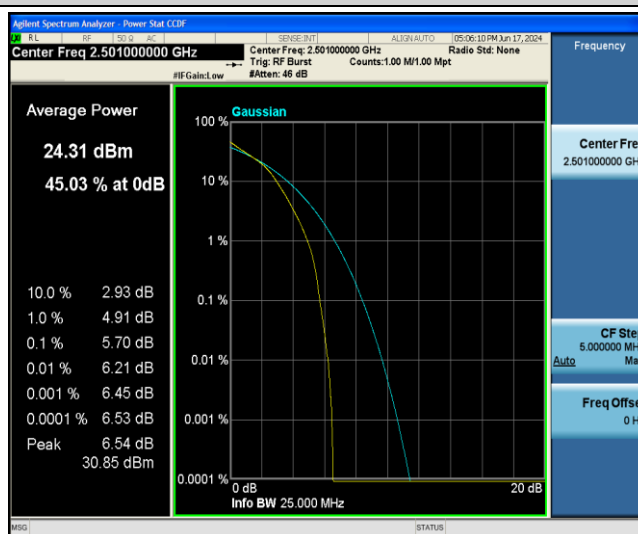
Band41-10MHz-QPSK-41540-50RB#0



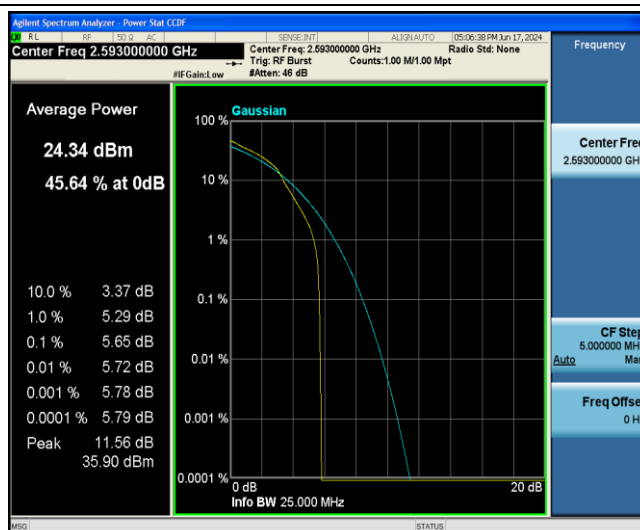
Band41-10MHz-16QAM-39700-1RB#0



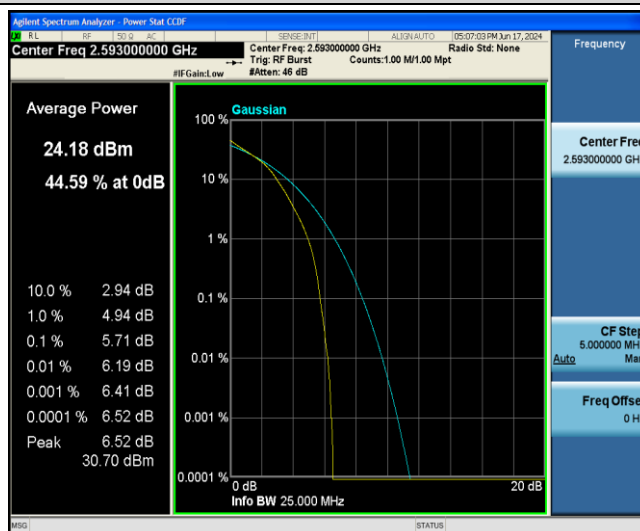
Band41-10MHz-16QAM-39700-50RB#0



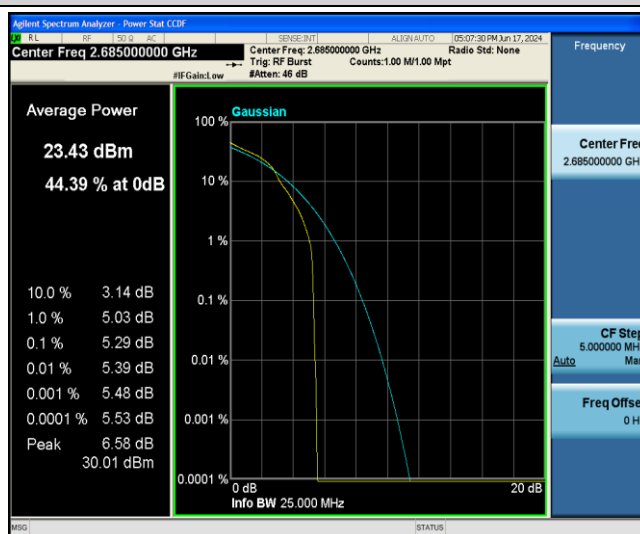
Band41-10MHz-16QAM-40620-1RB#0



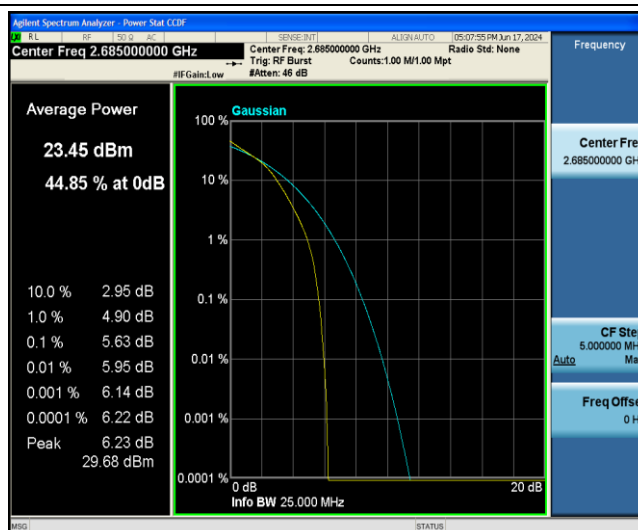
Band41-10MHz-16QAM-40620-50RB#0



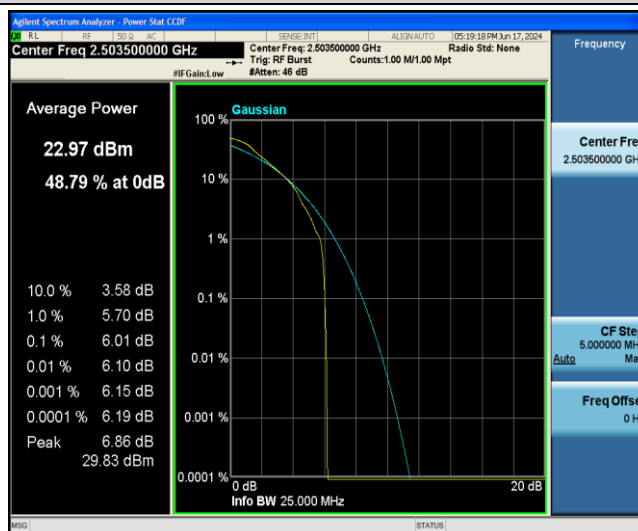
Band41-10MHz-16QAM-41540-1RB#0



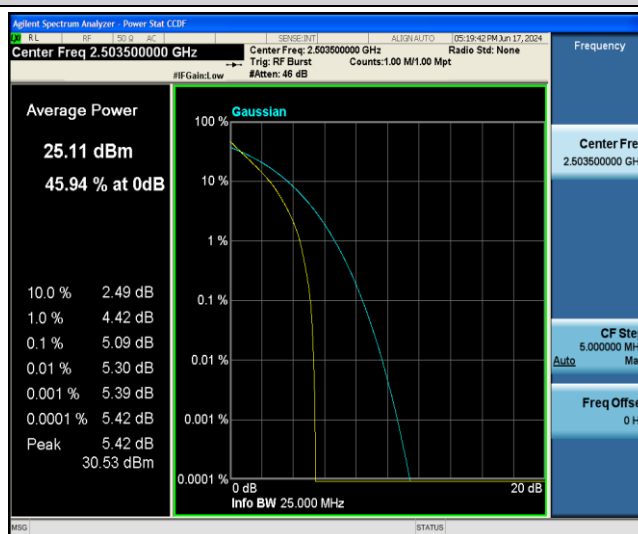
Band41-10MHz-16QAM-41540-50RB#0



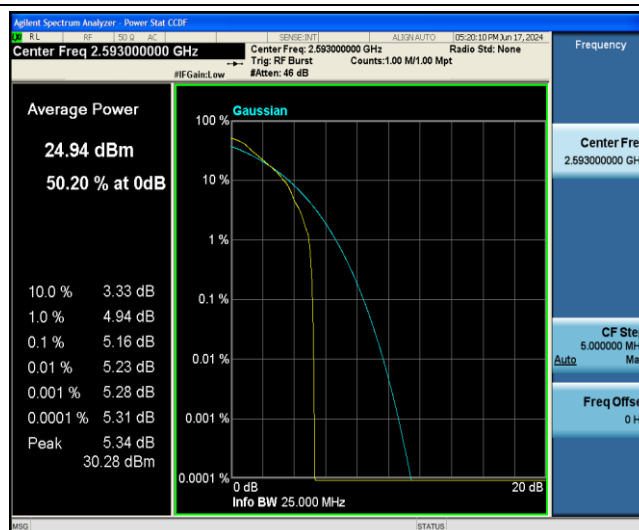
Band41-15MHz-QPSK-39725-1RB#0



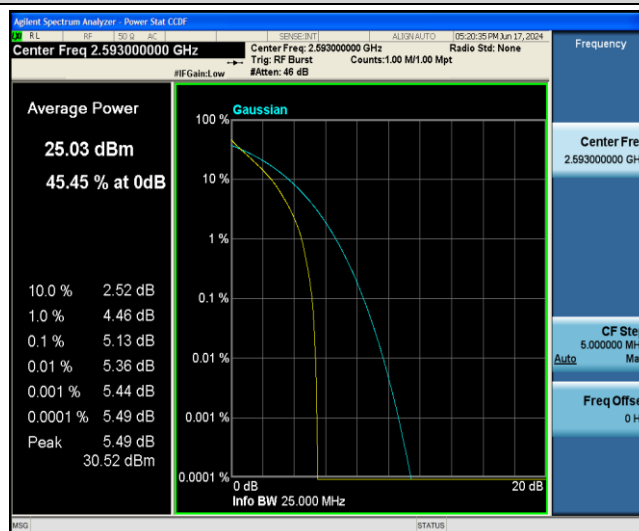
Band41-15MHz-QPSK-39725-75RB#0



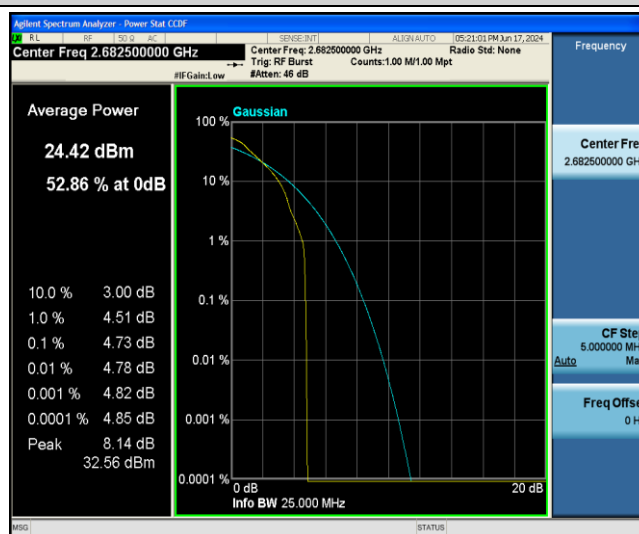
Band41-15MHz-QPSK-40620-1RB#0



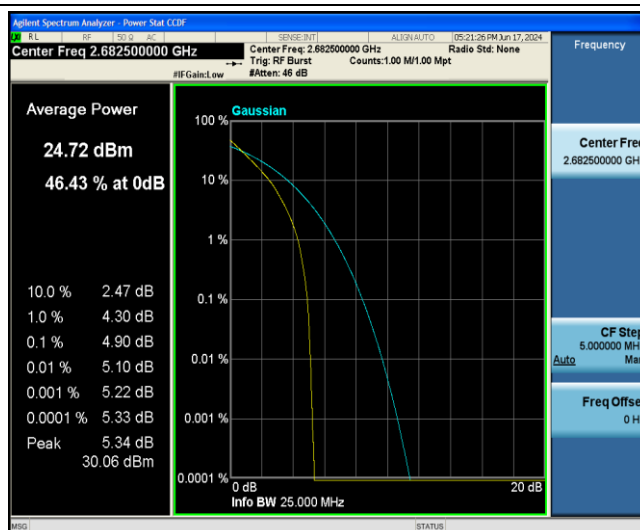
Band41-15MHz-QPSK-40620-75RB#0



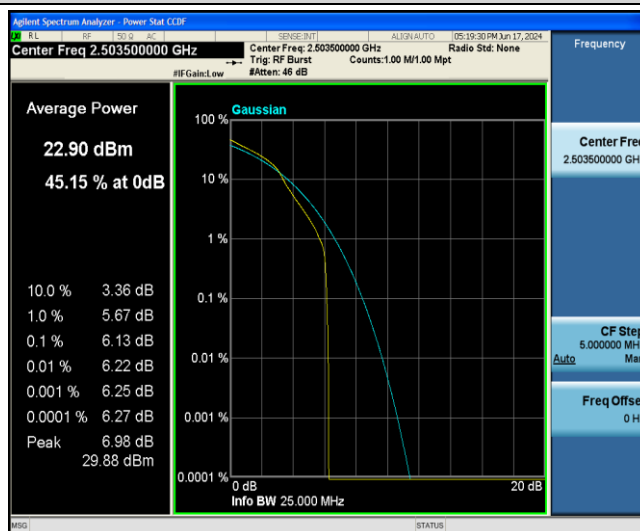
Band41-15MHz-QPSK-41515-1RB#0



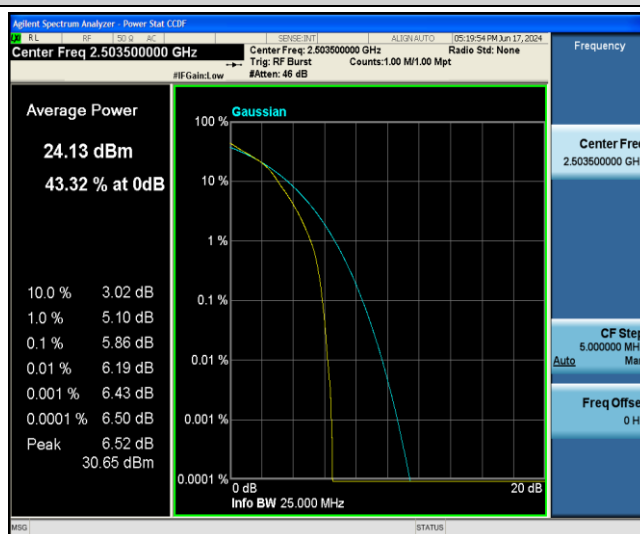
Band41-15MHz-QPSK-41515-75RB#0



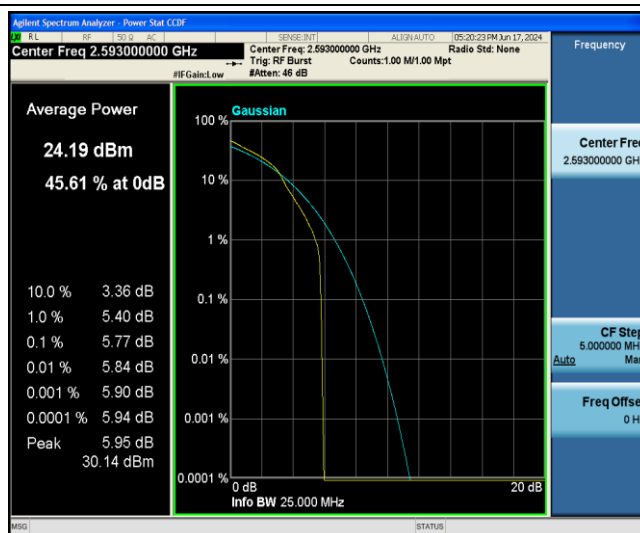
Band41-15MHz-16QAM-39725-1RB#0



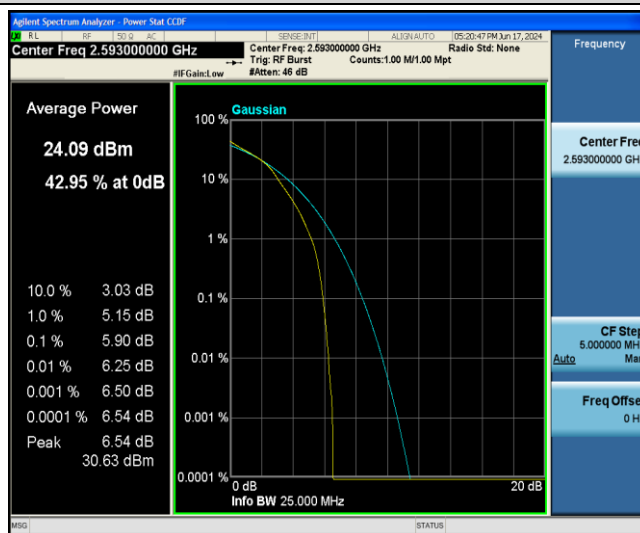
Band41-15MHz-16QAM-39725-75RB#0



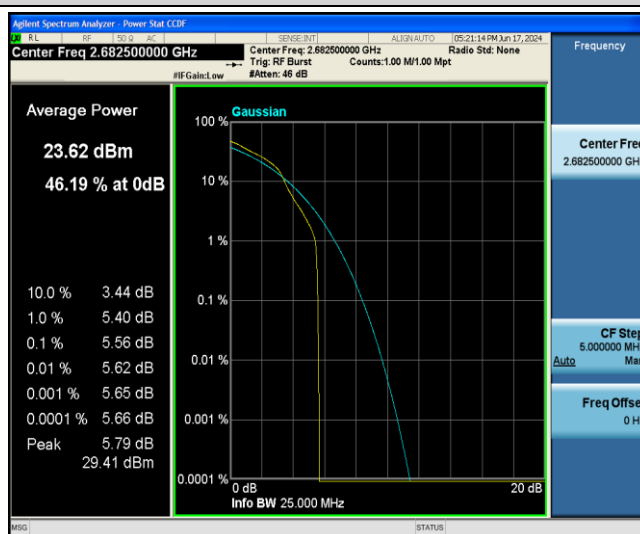
Band41-15MHz-16QAM-40620-1RB#0



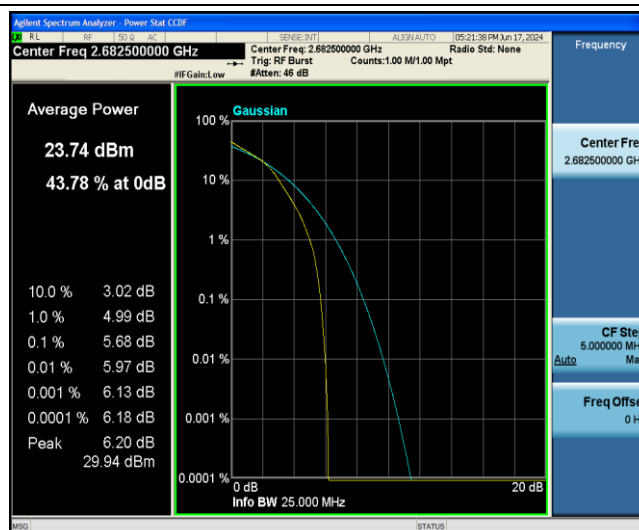
Band41-15MHz-16QAM-40620-75RB#0



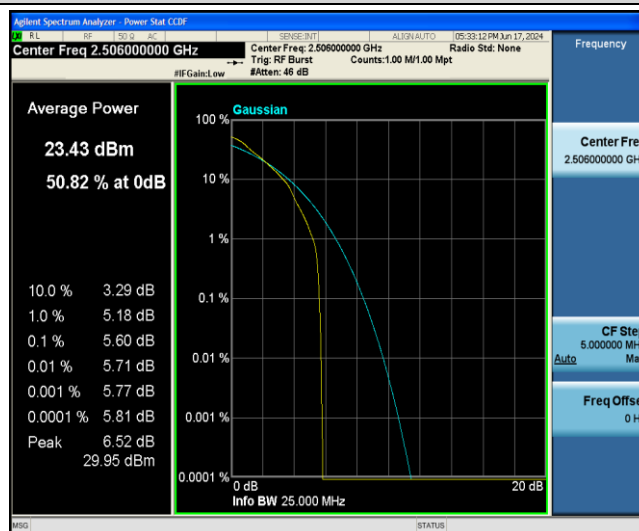
Band41-15MHz-16QAM-41515-1RB#0



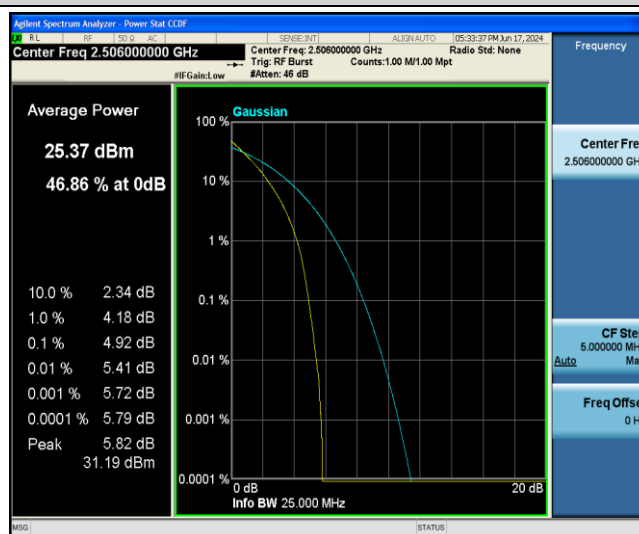
Band41-15MHz-16QAM-41515-75RB#0



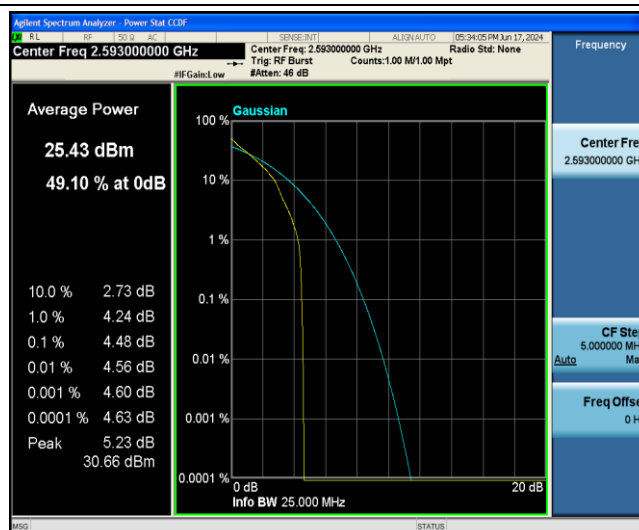
Band41-20MHz-QPSK-39750-1RB#0



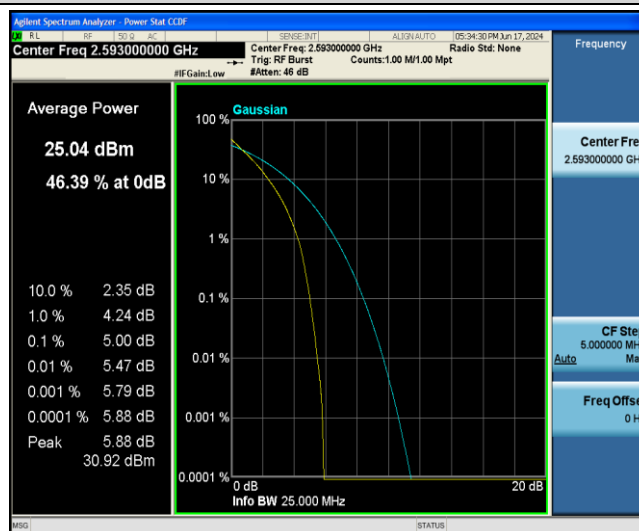
Band41-20MHz-QPSK-39750-100RB#0



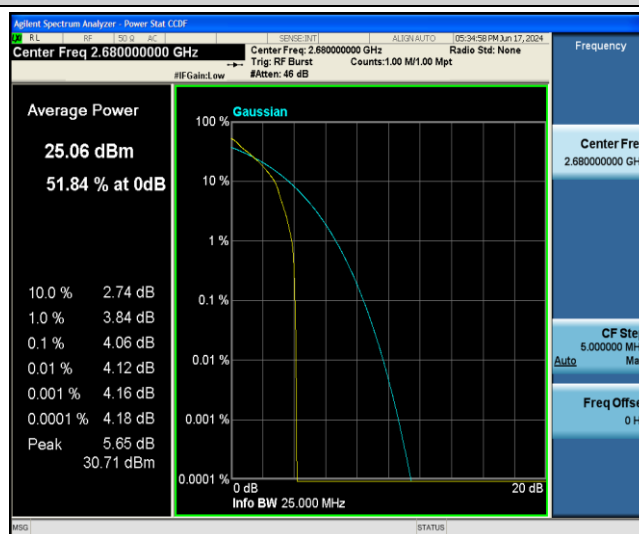
Band41-20MHz-QPSK-40620-1RB#0



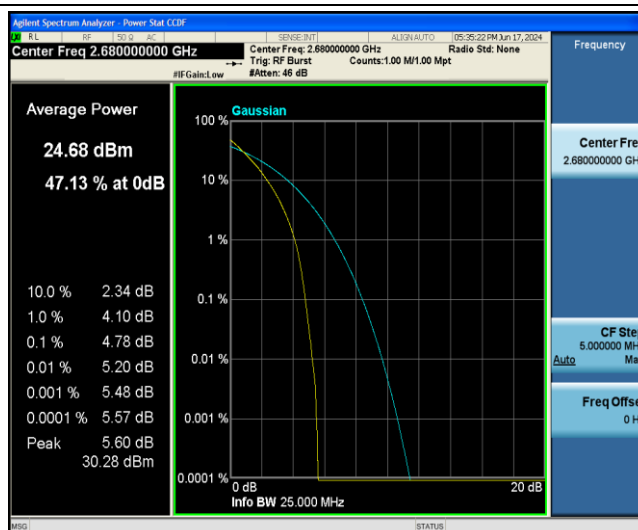
Band41-20MHz-QPSK-40620-100RB#0



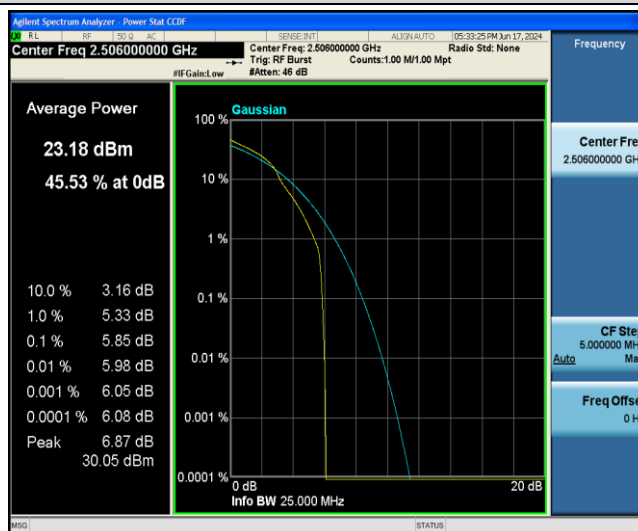
Band41-20MHz-QPSK-41490-1RB#0



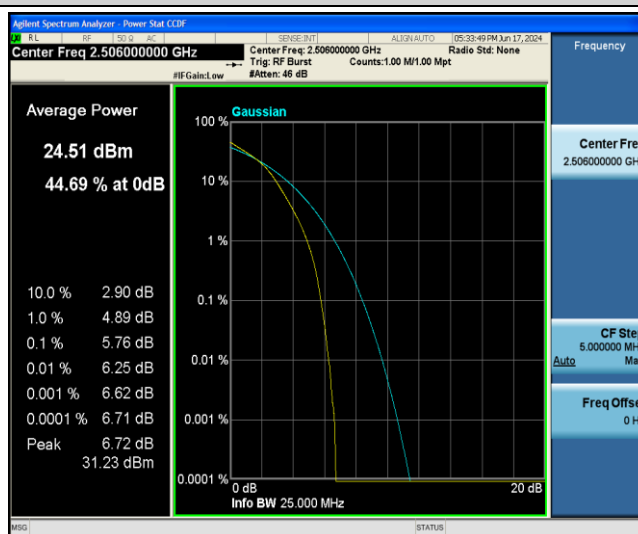
Band41-20MHz-QPSK-41490-100RB#0



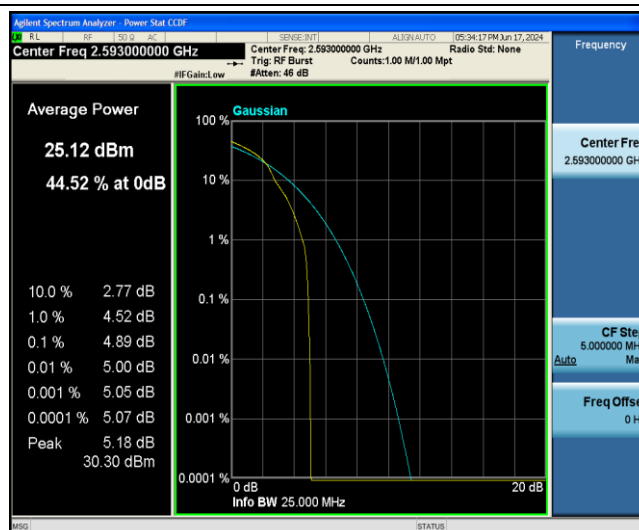
Band41-20MHz-16QAM-39750-1RB#0



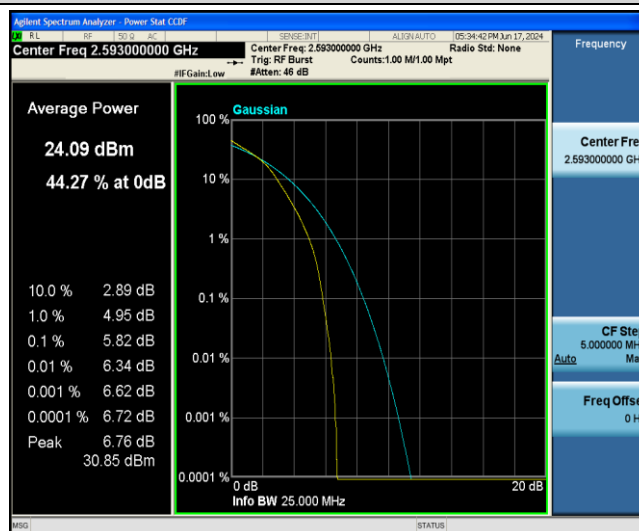
Band41-20MHz-16QAM-39750-100RB#0



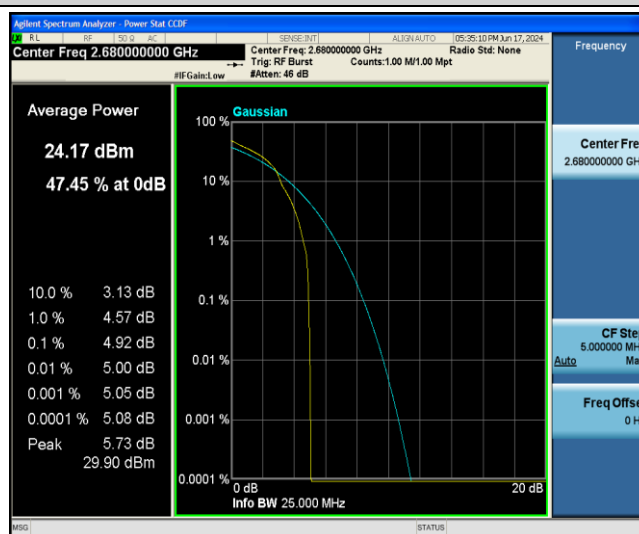
Band41-20MHz-16QAM-40620-1RB#0



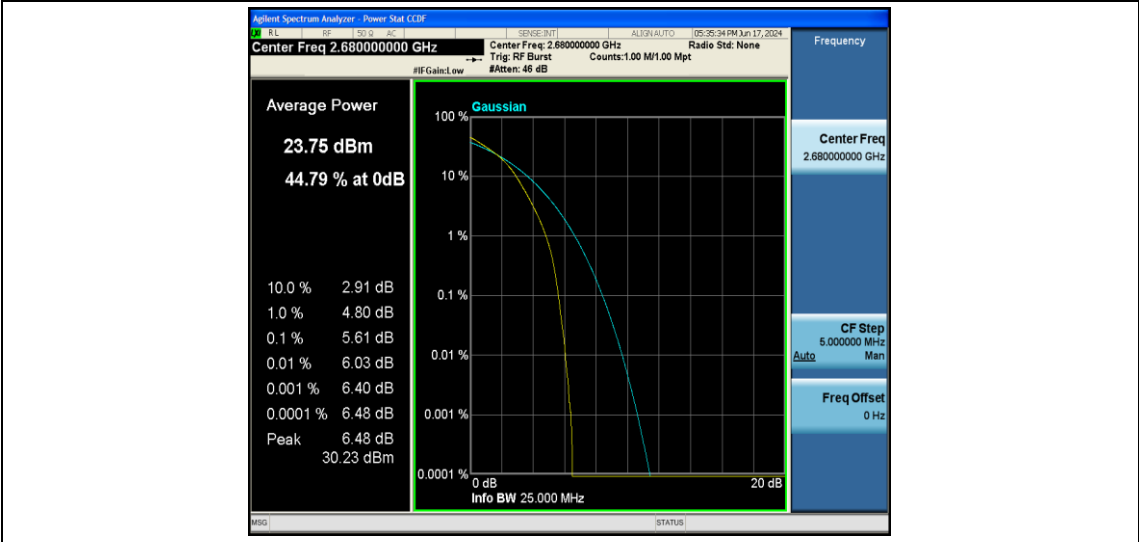
Band41-20MHz-16QAM-40620-100RB#0



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



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



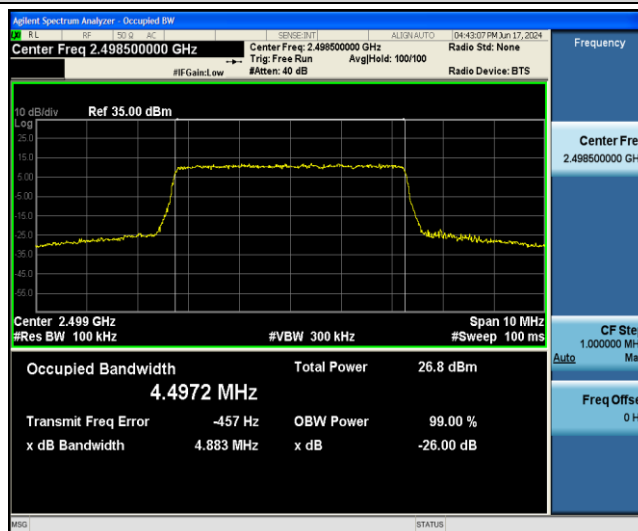
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

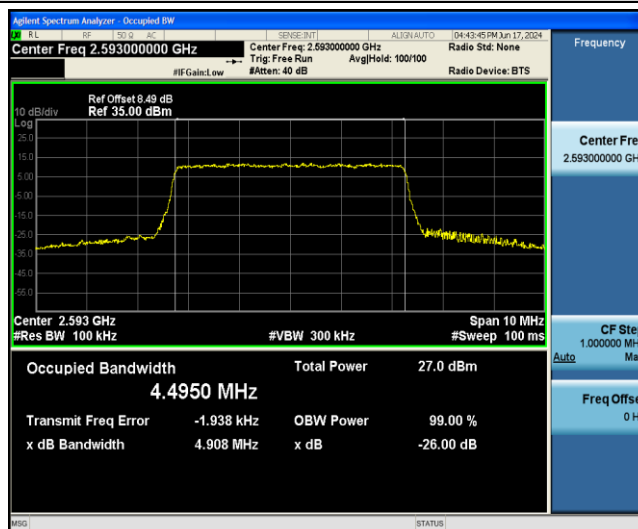
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.4972	4.883	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4950	4.908	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4996	4.837	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4932	4.840	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4936	4.842	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4975	4.857	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9438	9.519	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9591	9.501	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9683	9.492	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9546	9.523	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9597	9.531	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9633	9.532	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.440	14.25	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.441	14.26	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.428	14.30	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.424	14.26	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.440	14.23	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.425	14.25	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.876	18.93	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.893	18.93	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.890	18.95	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.865	18.93	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.881	18.92	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.869	18.96	PASS

Test Graphs

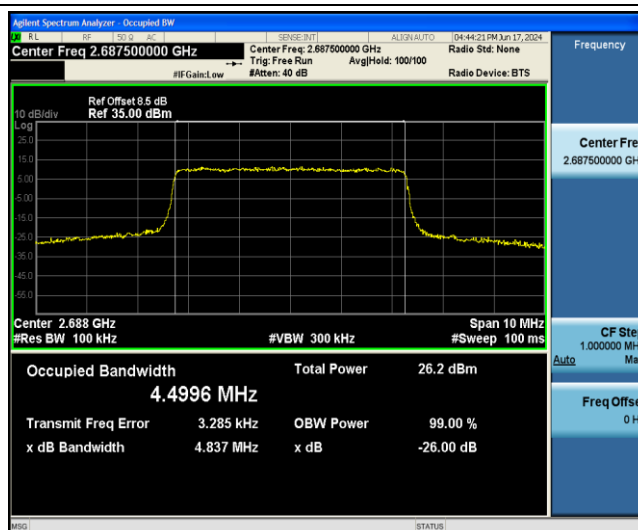
Band41-5MHz-QPSK-39675-25RB#0



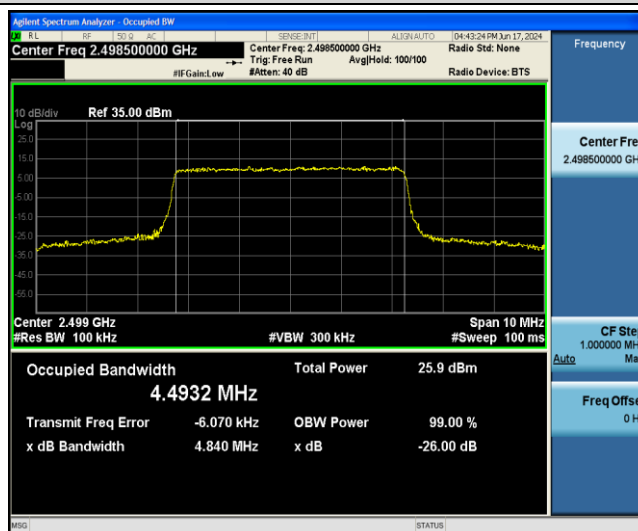
Band41-5MHz-QPSK-40620-25RB#0



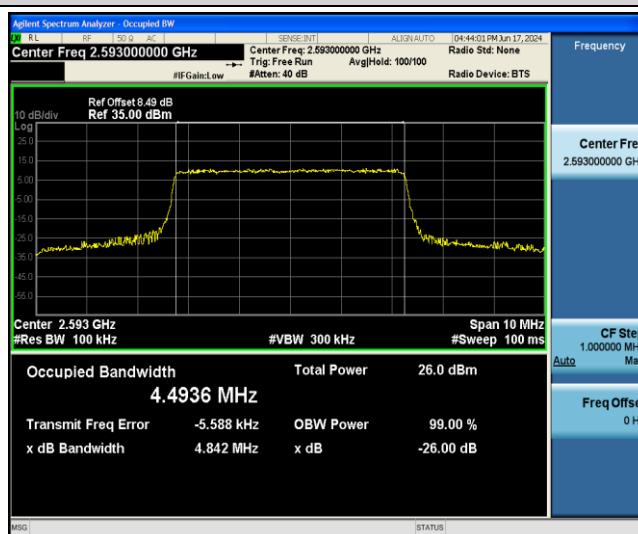
Band41-5MHz-QPSK-41565-25RB#0



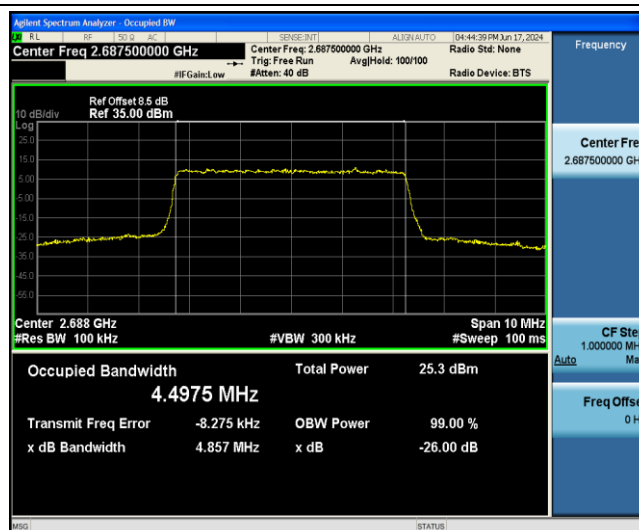
Band41-5MHz-16QAM-39675-25RB#0



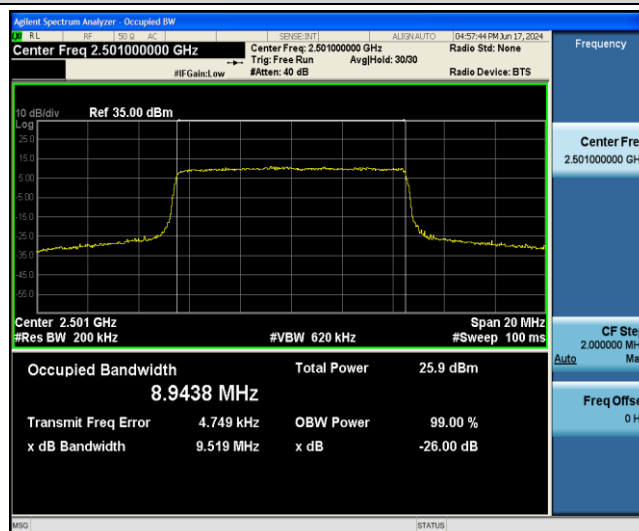
Band41-5MHz-16QAM-40620-25RB#0



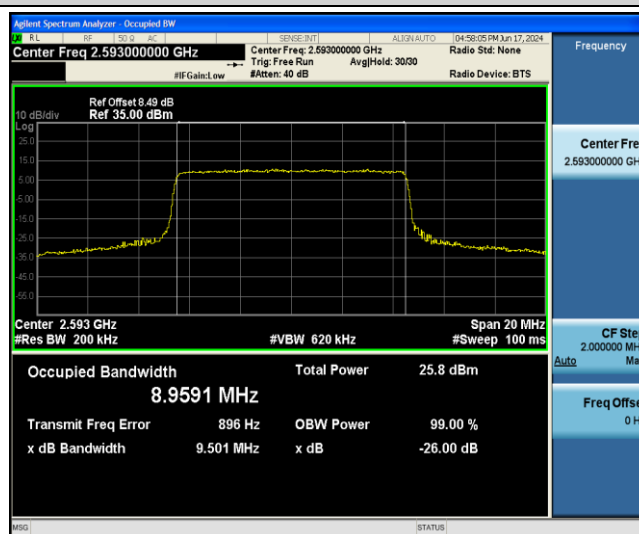
Band41-5MHz-16QAM-41565-25RB#0



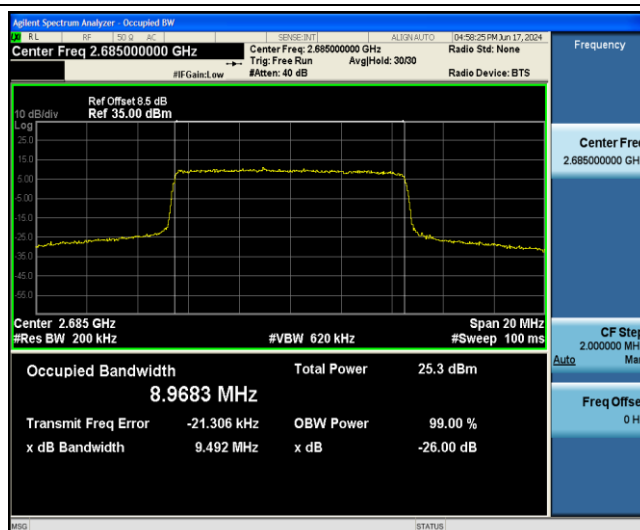
Band41-10MHz-QPSK-39700-50RB#0



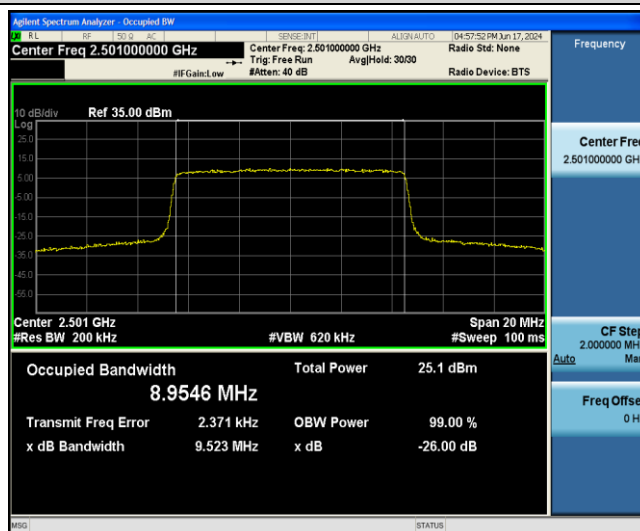
Band41-10MHz-QPSK-40620-50RB#0



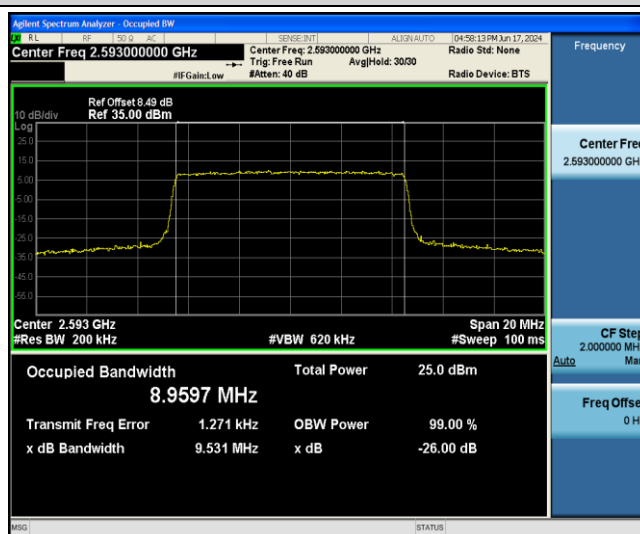
Band41-10MHz-QPSK-41540-50RB#0



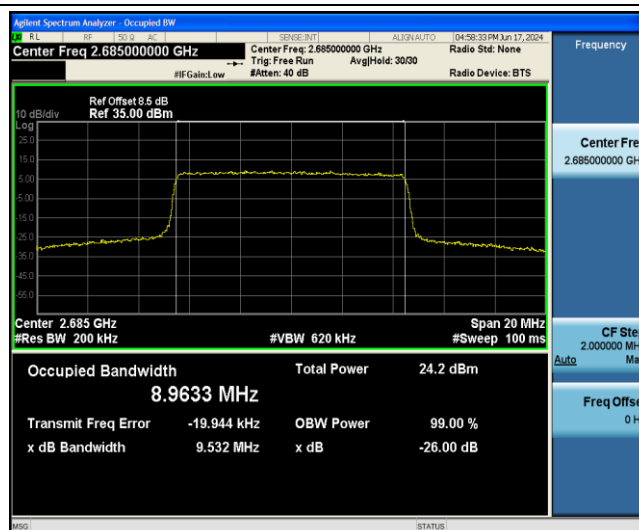
Band41-10MHz-16QAM-39700-50RB#0



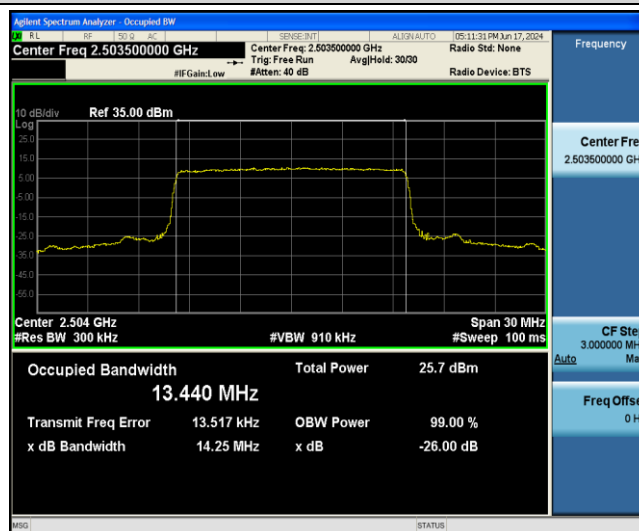
Band41-10MHz-16QAM-40620-50RB#0



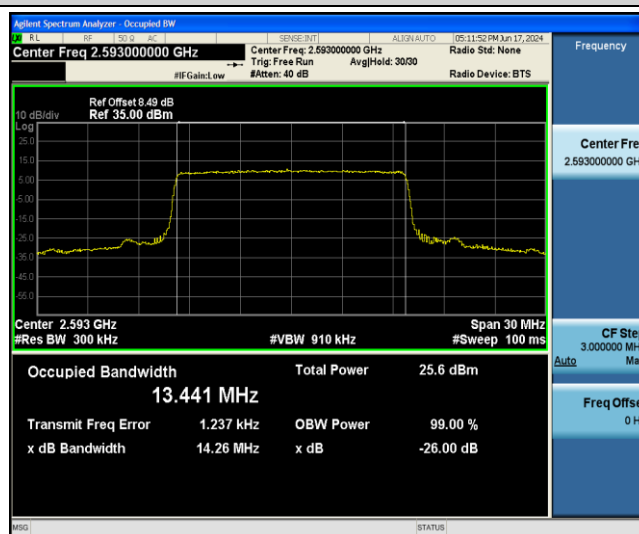
Band41-10MHz-16QAM-41540-50RB#0



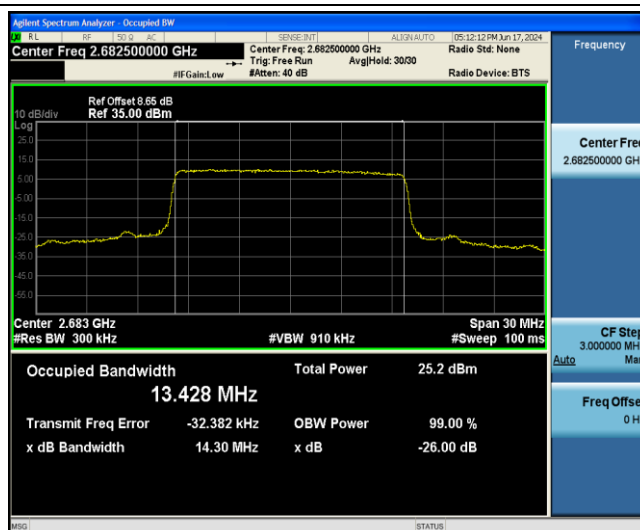
Band41-15MHz-QPSK-39725-75RB#0



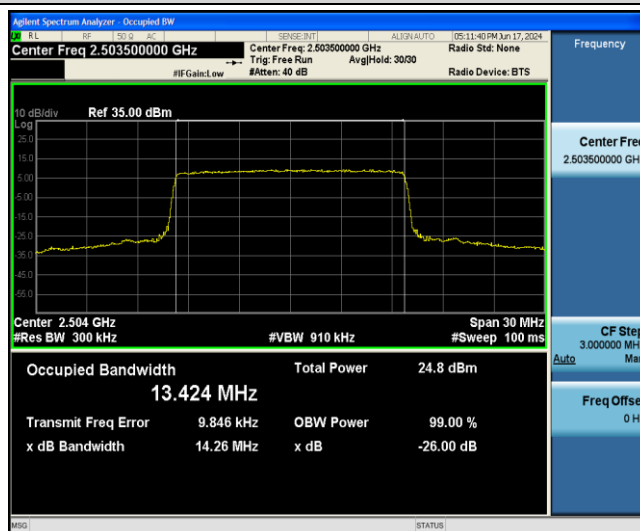
Band41-15MHz-QPSK-40620-75RB#0



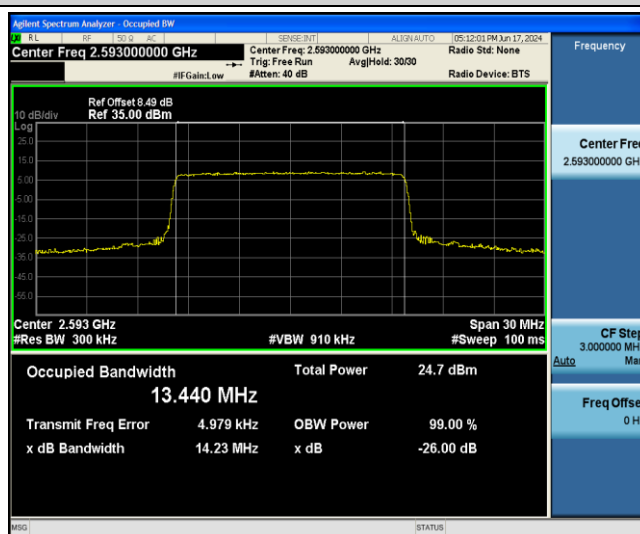
Band41-15MHz-QPSK-41515-75RB#0



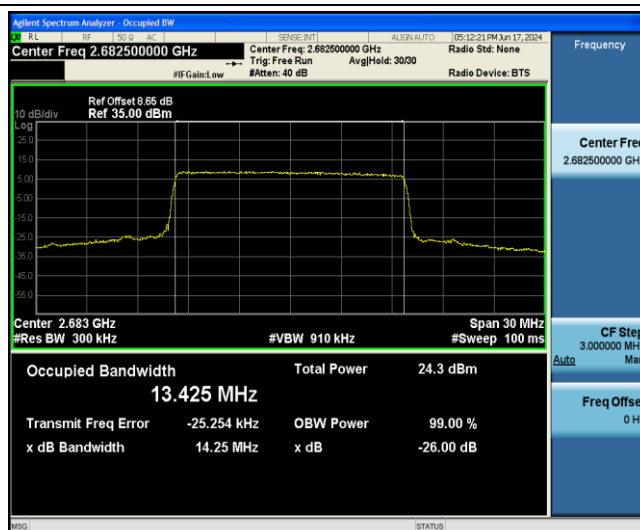
Band41-15MHz-16QAM-39725-75RB#0



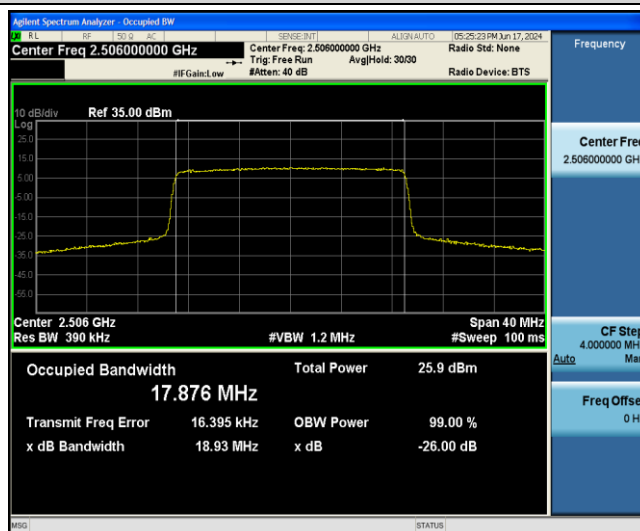
Band41-15MHz-16QAM-40620-75RB#0



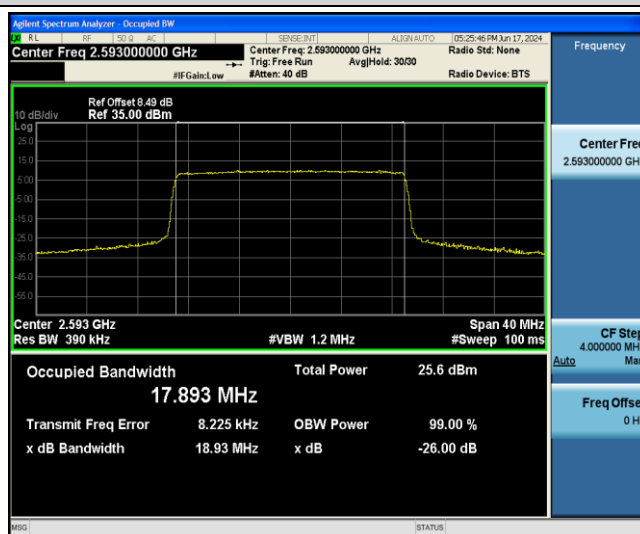
Band41-15MHz-16QAM-41515-75RB#0



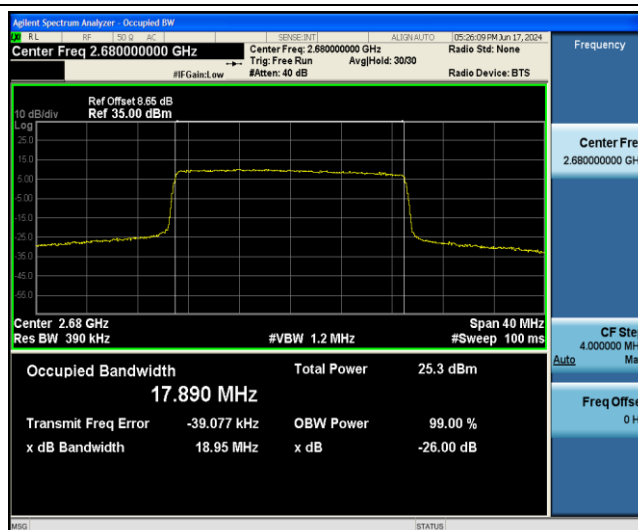
Band41-20MHz-QPSK-39750-100RB#0



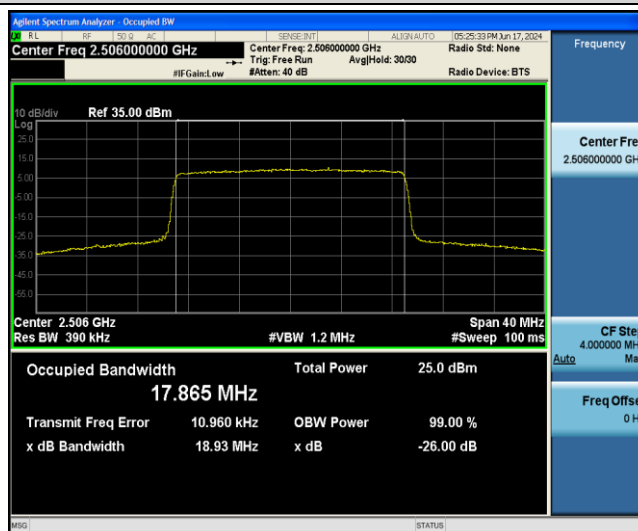
Band41-20MHz-QPSK-40620-100RB#0



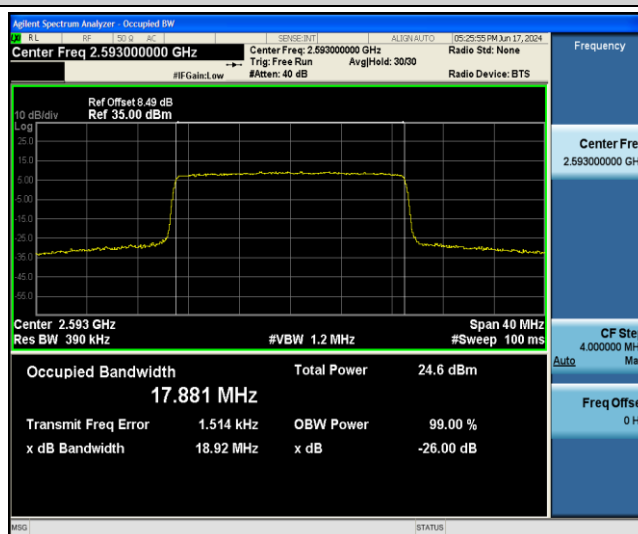
Band41-20MHz-QPSK-41490-100RB#0



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



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



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



Appendix D: Band Edge

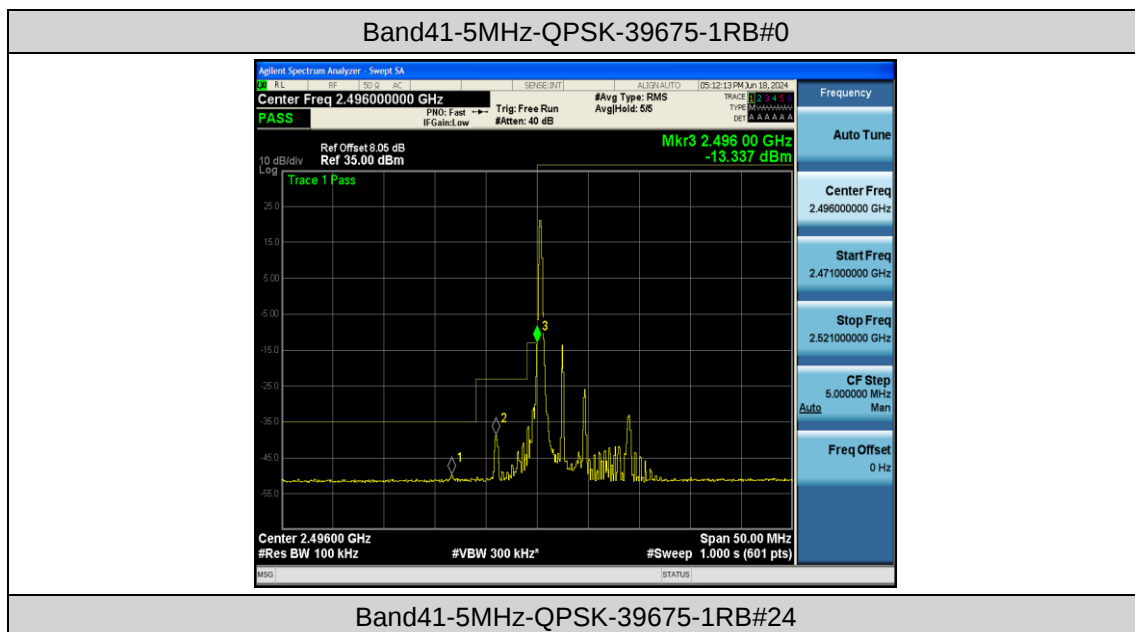
Test Result

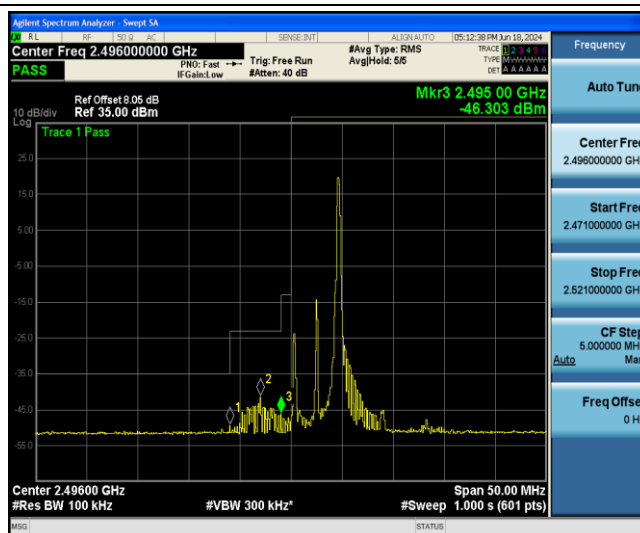
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4 1	5MHz	QPSK	39675	1RB#0	-49.90,-38.83,-13.34	PASS
Band4 1	5MHz	QPSK	39675	1RB#24	-49.44,-41.46,-46.30	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	-42.79,-29.49,-22.65	PASS
Band4 1	5MHz	QPSK	41565	1RB#0	-44.34,-32.18,-46.39,-48.26	PASS
Band4 1	5MHz	QPSK	41565	1RB#24	-16.86,-37.18,-48.89,-48.98	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	-22.60,-28.93,-41.36,-41.97	PASS
Band4 1	5MHz	16QAM	39675	1RB#0	-50.34,-37.21,-15.93	PASS
Band4 1	5MHz	16QAM	39675	1RB#24	-49.00,-41.93,-46.76	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	-44.21,-30.06,-24.98	PASS
Band4 1	5MHz	16QAM	41565	1RB#0	-44.68,-33.92,-46.55,-48.59	PASS
Band4 1	5MHz	16QAM	41565	1RB#24	-17.01,-37.66,-48.82,-48.91	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	-23.68,-29.89,-41.48,-42.93	PASS
Band4 1	10MHz	QPSK	39700	1RB#0	-45.60,-38.27,-23.94	PASS
Band4 1	10MHz	QPSK	39700	1RB#49	-41.45,-35.93,-45.28	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	-41.72,-28.18,-24.65	PASS
Band4 1	10MHz	QPSK	41540	1RB#0	-43.60,-43.24,-37.53,-40.82	PASS
Band4 1	10MHz	QPSK	41540	1RB#49	-23.71,-39.30,-43.40,-45.38	PASS
Band4	10MHz	QPSK	41540	50RB#0	-24.26,-28.00,-32.56,-40.1	PASS

1					1	
Band4 1	10MHz	16QAM	39700	1RB#0	-47.32,-37.57,-25.72	PASS
Band4 1	10MHz	16QAM	39700	1RB#49	-45.48,-37.23,-44.74	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	-42.77,-29.86,-26.86	PASS
Band4 1	10MHz	16QAM	41540	1RB#0	-43.19,-43.30,-38.59,-44.7 8	PASS
Band4 1	10MHz	16QAM	41540	1RB#49	-25.79,-37.62,-43.64,-46.3 1	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	-26.02,-28.62,-33.83,-41.1 8	PASS
Band4 1	15MHz	QPSK	39725	1RB#0	-39.33,-26.79,-18.77	PASS
Band4 1	15MHz	QPSK	39725	1RB#74	-34.24,-32.91,-35.58	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	-40.70,-24.87,-23.56	PASS
Band4 1	15MHz	QPSK	41515	1RB#0	-34.02,-34.11,-32.39,-33.0 2	PASS
Band4 1	15MHz	QPSK	41515	1RB#74	-16.93,-26.78,-35.46,-38.7 2	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	-23.24,-23.05,-28.29,-38.2 9	PASS
Band4 1	15MHz	16QAM	39725	1RB#0	-42.76,-23.04,-15.33	PASS
Band4 1	15MHz	16QAM	39725	1RB#74	-37.41,-34.75,-35.53	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	-39.21,-27.36,-23.86	PASS
Band4 1	15MHz	16QAM	41515	1RB#0	-34.01,-33.77,-36.27,-37.6 5	PASS
Band4 1	15MHz	16QAM	41515	1RB#74	-15.62,-23.67,-34.47,-41.5 6	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	-25.47,-25.83,-30.21,-37.8 8	PASS
Band4 1	20MHz	QPSK	39750	1RB#0	-42.52,-26.04,-20.35	PASS
Band4 1	20MHz	QPSK	39750	1RB#99	-37.19,-33.70,-37.37	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	-43.17,-26.79,-25.07	PASS

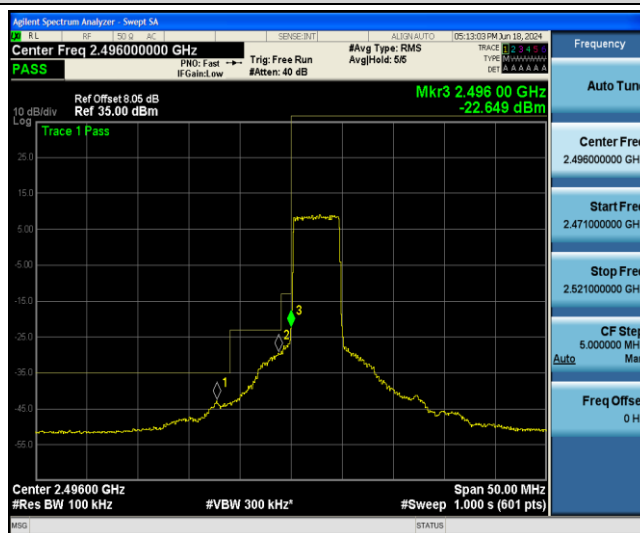
Band4 1	20MHz	QPSK	41490	1RB#0	-32.71,-34.81,-32.54,-34.5 5	PASS
Band4 1	20MHz	QPSK	41490	1RB#99	-19.91,-26.52,-35.97,-39.7 2	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	-25.41,-27.32,-30.52,-38.8 7	PASS
Band4 1	20MHz	16QAM	39750	1RB#0	-43.85,-25.40,-16.86	PASS
Band4 1	20MHz	16QAM	39750	1RB#99	-38.06,-34.05,-36.17	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	-42.95,-28.25,-26.96	PASS
Band4 1	20MHz	16QAM	41490	1RB#0	-33.68,-34.59,-32.05,-34.1 9	PASS
Band4 1	20MHz	16QAM	41490	1RB#99	-17.90,-25.29,-34.96,-39.9 4	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	-27.73,-28.58,-30.24,-40.2 8	PASS

Test Graphs

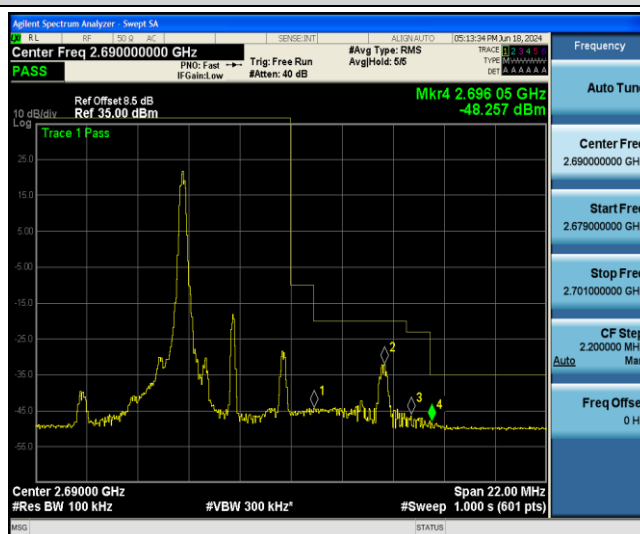




Band41-5MHz-QPSK-39675-25RB#0



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



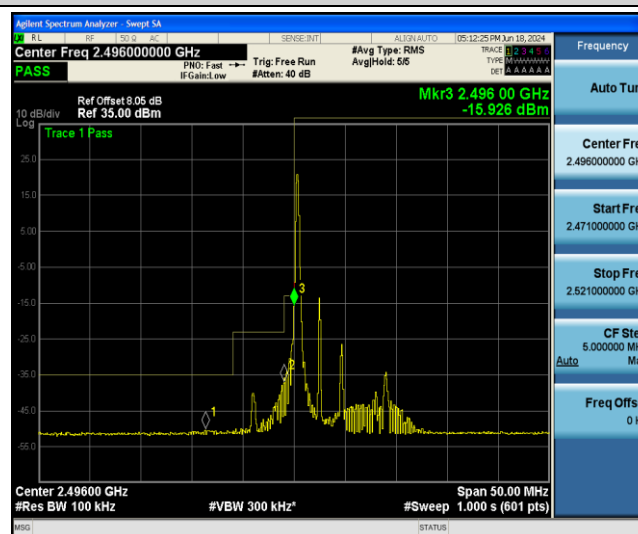
Band41-5MHz-QPSK-41565-1RB#24



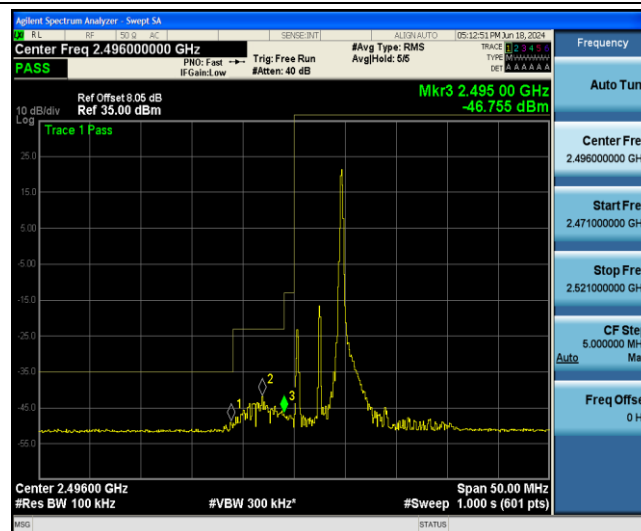
Band41-5MHz-QPSK-41565-25RB#0



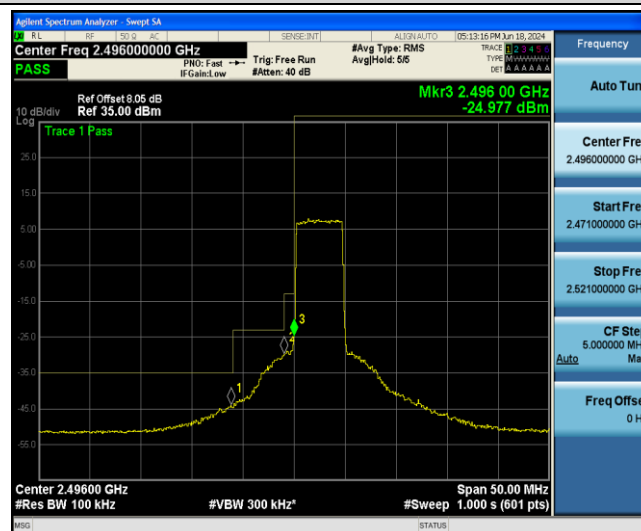
Band41-5MHz-16QAM-39675-1RB#0



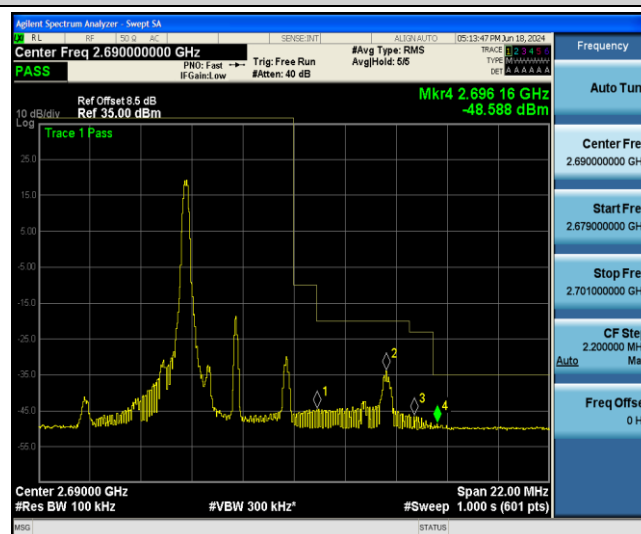
Band41-5MHz-16QAM-39675-1RB#24



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



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



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

