

Appendix Q: Test Data for E-UTRA Band 41

Product Name: Zettle Terminal
Trade Mark: Zettle Terminal
Test Model: Zettle Terminal

Environmental Conditions

Temperature:	22.3° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Li Huan

Q.1Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#12	21.06	PASS
Band41	5MHz	QPSK	39675	1RB#0	21.45	PASS
Band41	5MHz	QPSK	39675	1RB#24	20.65	PASS
Band41	5MHz	QPSK	39675	12RB#13	19.83	FAIL
Band41	5MHz	QPSK	39675	12RB#6	20.31	PASS
Band41	5MHz	QPSK	39675	12RB#0	20.32	PASS
Band41	5MHz	QPSK	39675	25RB#0	19.99	FAIL
Band41	5MHz	QPSK	40620	1RB#24	23.58	PASS
Band41	5MHz	QPSK	40620	1RB#12	23.57	PASS
Band41	5MHz	QPSK	40620	1RB#0	23.56	PASS
Band41	5MHz	QPSK	40620	12RB#6	22.54	PASS
Band41	5MHz	QPSK	40620	12RB#13	22.61	PASS
Band41	5MHz	QPSK	40620	12RB#0	22.52	PASS
Band41	5MHz	QPSK	40620	25RB#0	22.59	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.06	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.22	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.07	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.07	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.19	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.17	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.13	PASS
Band41	5MHz	16QAM	39675	1RB#12	20.24	FAIL
Band41	5MHz	16QAM	39675	1RB#24	19.76	FAIL
Band41	5MHz	16QAM	39675	1RB#0	20.59	PASS
Band41	5MHz	16QAM	39675	12RB#13	18.83	FAIL
Band41	5MHz	16QAM	39675	12RB#0	19.32	FAIL
Band41	5MHz	16QAM	39675	12RB#6	19.28	FAIL
Band41	5MHz	16QAM	39675	25RB#0	19.07	FAIL
Band41	5MHz	16QAM	40620	1RB#12	22.92	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.89	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.75	PASS
Band41	5MHz	16QAM	40620	12RB#6	21.60	PASS

Band41	5MHz	16QAM	40620	12RB#13	21.68	PASS
Band41	5MHz	16QAM	40620	12RB#0	21.57	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.51	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.18	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.18	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.33	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.16	FAIL
Band41	5MHz	16QAM	41565	12RB#13	20.08	FAIL
Band41	5MHz	16QAM	41565	12RB#0	20.16	FAIL
Band41	5MHz	16QAM	41565	25RB#0	20.14	FAIL
Band41	10MHz	QPSK	39700	1RB#24	20.71	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.27	PASS
Band41	10MHz	QPSK	39700	1RB#49	20.18	FAIL
Band41	10MHz	QPSK	39700	25RB#25	19.47	FAIL
Band41	10MHz	QPSK	39700	25RB#12	20.16	FAIL
Band41	10MHz	QPSK	39700	25RB#0	20.15	FAIL
Band41	10MHz	QPSK	39700	50RB#0	19.64	FAIL
Band41	10MHz	QPSK	40620	1RB#49	23.52	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.59	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.07	PASS
Band41	10MHz	QPSK	40620	25RB#0	22.42	PASS
Band41	10MHz	QPSK	40620	25RB#25	22.65	PASS
Band41	10MHz	QPSK	40620	25RB#12	22.43	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.54	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.03	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.95	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.21	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.18	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.14	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.05	PASS
Band41	10MHz	16QAM	39700	1RB#24	19.65	FAIL
Band41	10MHz	16QAM	39700	1RB#49	19.12	FAIL
Band41	10MHz	16QAM	39700	1RB#0	20.54	PASS
Band41	10MHz	16QAM	39700	25RB#12	19.10	FAIL
Band41	10MHz	16QAM	39700	25RB#25	18.53	FAIL
Band41	10MHz	16QAM	39700	25RB#0	19.10	FAIL

Band41	10MHz	16QAM	39700	50RB#0	18.71	FAIL
Band41	10MHz	16QAM	40620	1RB#0	22.14	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.45	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.54	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.65	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.50	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.50	PASS
Band41	10MHz	16QAM	40620	50RB#0	21.59	PASS
Band41	10MHz	16QAM	41540	1RB#0	20.88	PASS
Band41	10MHz	16QAM	41540	1RB#49	20.93	PASS
Band41	10MHz	16QAM	41540	1RB#24	20.97	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.12	FAIL
Band41	10MHz	16QAM	41540	25RB#12	20.21	FAIL
Band41	10MHz	16QAM	41540	25RB#0	20.21	FAIL
Band41	10MHz	16QAM	41540	50RB#0	20.13	FAIL
Band41	15MHz	QPSK	39725	1RB#38	20.02	FAIL
Band41	15MHz	QPSK	39725	1RB#74	19.44	FAIL
Band41	15MHz	QPSK	39725	1RB#0	20.62	PASS
Band41	15MHz	QPSK	39725	38RB#37	18.21	FAIL
Band41	15MHz	QPSK	39725	38RB#0	18.76	FAIL
Band41	15MHz	QPSK	39725	38RB#18	18.98	FAIL
Band41	15MHz	QPSK	39725	75RB#0	19.23	FAIL
Band41	15MHz	QPSK	40620	1RB#0	22.02	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.64	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.43	PASS
Band41	15MHz	QPSK	40620	38RB#37	21.83	PASS
Band41	15MHz	QPSK	40620	38RB#18	22.53	PASS
Band41	15MHz	QPSK	40620	38RB#0	21.20	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.33	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.85	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.26	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.79	PASS
Band41	15MHz	QPSK	41515	38RB#0	20.89	PASS
Band41	15MHz	QPSK	41515	38RB#18	20.98	PASS
Band41	15MHz	QPSK	41515	38RB#37	20.39	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.23	PASS
Band41	15MHz	16QAM	39725	1RB#0	19.57	FAIL

Band41	15MHz	16QAM	39725	1RB#74	18.19	FAIL
Band41	15MHz	16QAM	39725	1RB#38	18.98	FAIL
Band41	15MHz	16QAM	39725	38RB#18	18.98	FAIL
Band41	15MHz	16QAM	39725	38RB#0	19.57	FAIL
Band41	15MHz	16QAM	39725	38RB#37	18.21	FAIL
Band41	15MHz	16QAM	39725	75RB#0	18.33	FAIL
Band41	15MHz	16QAM	40620	1RB#0	21.16	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.86	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.50	PASS
Band41	15MHz	16QAM	40620	38RB#18	22.51	PASS
Band41	15MHz	16QAM	40620	38RB#37	21.84	PASS
Band41	15MHz	16QAM	40620	38RB#0	21.18	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.40	PASS
Band41	15MHz	16QAM	41515	1RB#38	20.96	PASS
Band41	15MHz	16QAM	41515	1RB#74	20.40	PASS
Band41	15MHz	16QAM	41515	1RB#0	20.92	PASS
Band41	15MHz	16QAM	41515	38RB#0	20.94	PASS
Band41	15MHz	16QAM	41515	38RB#37	20.40	PASS
Band41	15MHz	16QAM	41515	38RB#18	20.97	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.19	FAIL
Band41	20MHz	QPSK	39750	1RB#0	21.20	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.27	PASS
Band41	20MHz	QPSK	39750	1RB#49	20.53	PASS
Band41	20MHz	QPSK	39750	50RB#0	19.91	FAIL
Band41	20MHz	QPSK	39750	50RB#50	18.96	FAIL
Band41	20MHz	QPSK	39750	50RB#25	19.86	FAIL
Band41	20MHz	QPSK	39750	100RB#0	19.37	FAIL
Band41	20MHz	QPSK	40620	1RB#0	22.30	PASS
Band41	20MHz	QPSK	40620	1RB#49	23.56	PASS
Band41	20MHz	QPSK	40620	1RB#99	22.45	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.98	PASS
Band41	20MHz	QPSK	40620	50RB#25	22.01	PASS
Band41	20MHz	QPSK	40620	50RB#50	22.46	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.28	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.43	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.43	PASS
Band41	20MHz	QPSK	41490	1RB#49	22.31	PASS

Band41	20MHz	QPSK	41490	50RB#0	21.71	PASS
Band41	20MHz	QPSK	41490	50RB#50	21.16	PASS
Band41	20MHz	QPSK	41490	50RB#25	21.74	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.47	PASS
Band41	20MHz	16QAM	39750	1RB#49	19.44	FAIL
Band41	20MHz	16QAM	39750	1RB#99	19.98	FAIL
Band41	20MHz	16QAM	39750	1RB#0	20.44	PASS
Band41	20MHz	16QAM	39750	50RB#0	18.77	FAIL
Band41	20MHz	16QAM	39750	50RB#25	18.84	FAIL
Band41	20MHz	16QAM	39750	50RB#50	17.99	FAIL
Band41	20MHz	16QAM	39750	100RB#0	18.48	FAIL
Band41	20MHz	16QAM	40620	1RB#49	22.59	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.58	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.41	PASS
Band41	20MHz	16QAM	40620	50RB#0	21.01	PASS
Band41	20MHz	16QAM	40620	50RB#50	21.50	PASS
Band41	20MHz	16QAM	40620	50RB#25	20.99	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.18	PASS
Band41	20MHz	16QAM	41490	1RB#99	20.41	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.13	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.35	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.79	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.79	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.29	FAIL
Band41	20MHz	16QAM	41490	100RB#0	20.53	PASS

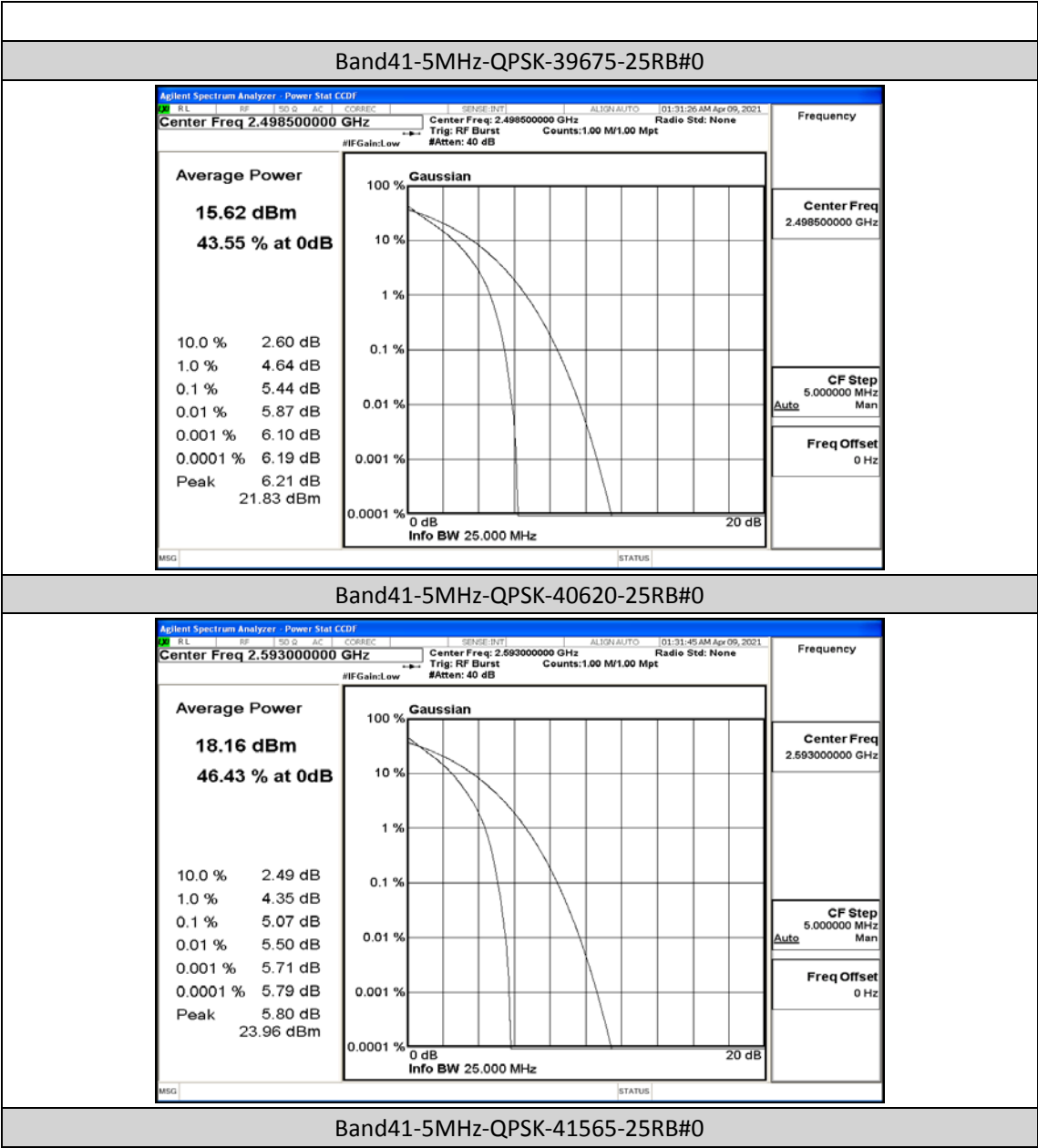
Q.2 Peak-to-Average Ratio(CCDF)

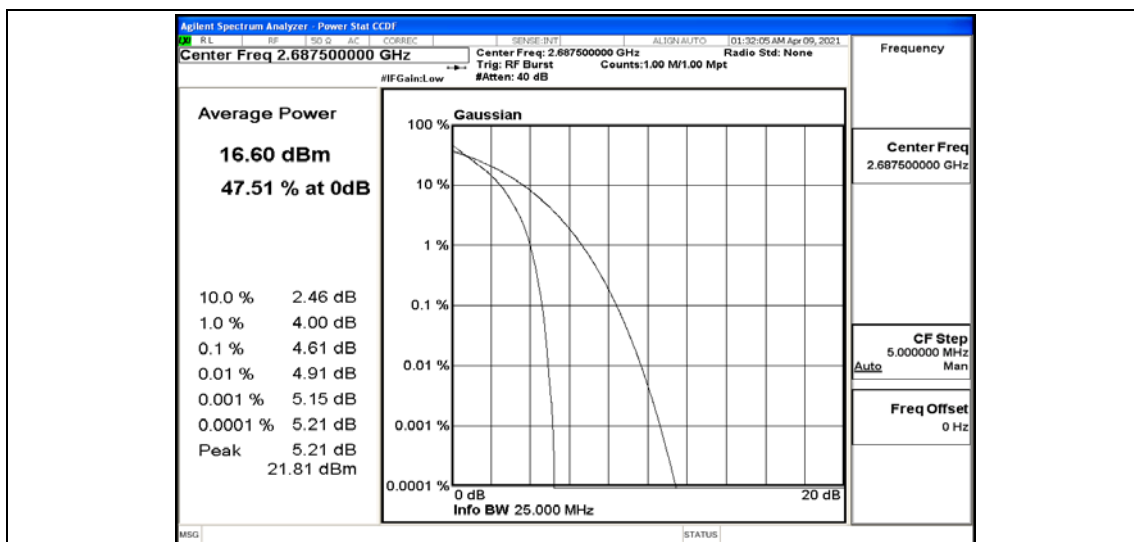
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	5.44	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.07	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.61	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.25	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	5.85	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	5.34	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	4.22	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.45	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	3.39	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.11	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	3.41	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	4.61	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	4.80	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	6.28	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	4.94	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	5.83	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	4.44	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	5.44	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	4.07	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.34	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	3.48	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	4.92	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	3.16	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	4.73	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	5.08	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	6.12	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	4.64	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	5.68	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	4.51	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	5.46	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	4.55	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	6.04	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	4.61	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.68	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	5.07	13	PASS

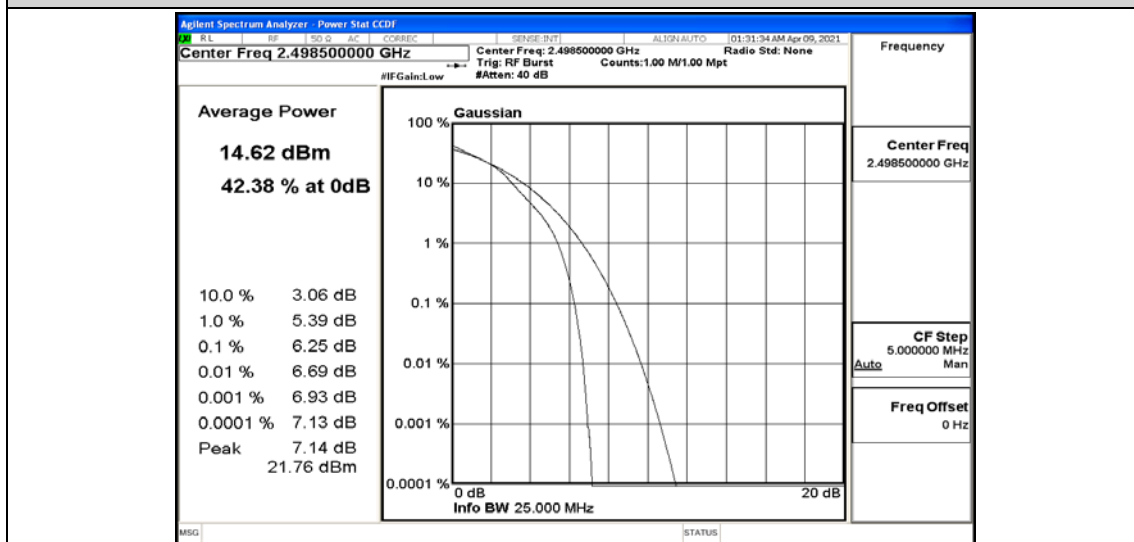
Band41	20MHz	QPSK	41490	100RB#0	5.48	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	5.33	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	6.07	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	5.46	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	5.69	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	5.41	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	5.49	13	PASS

Test Graphs

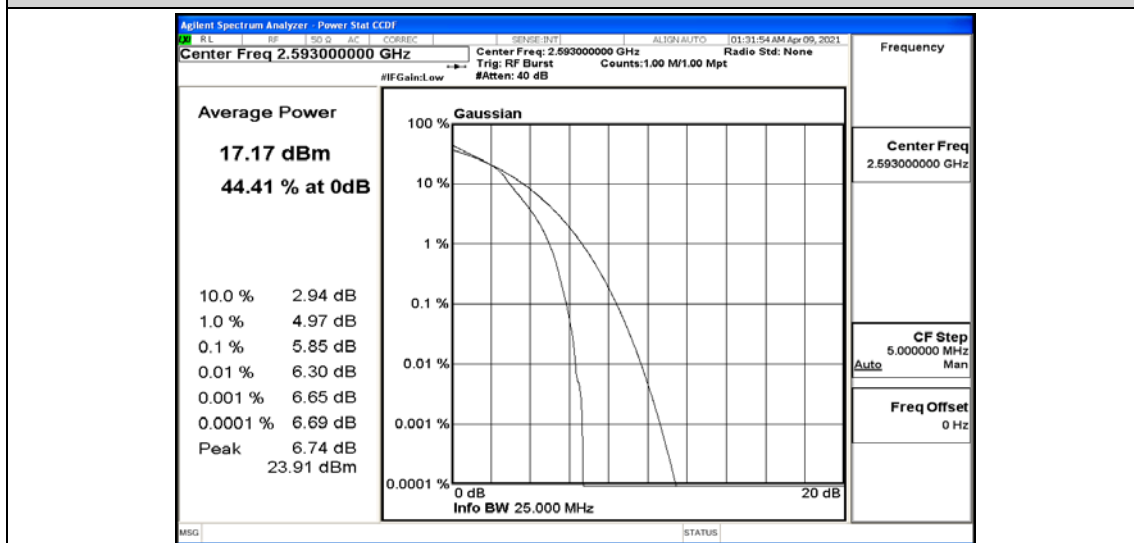




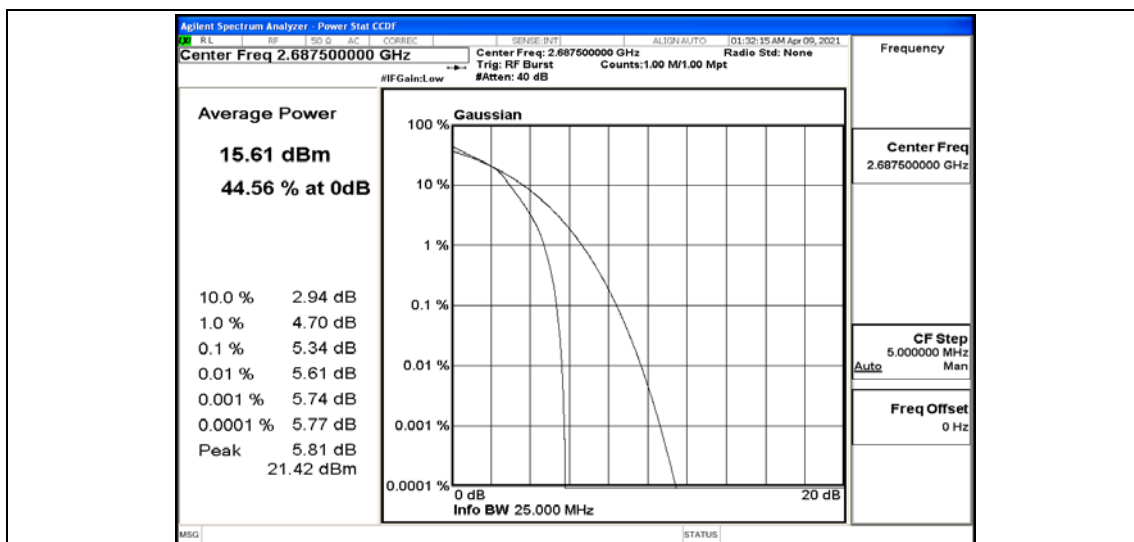
Band41-5MHz-16QAM-39675-25RB#0



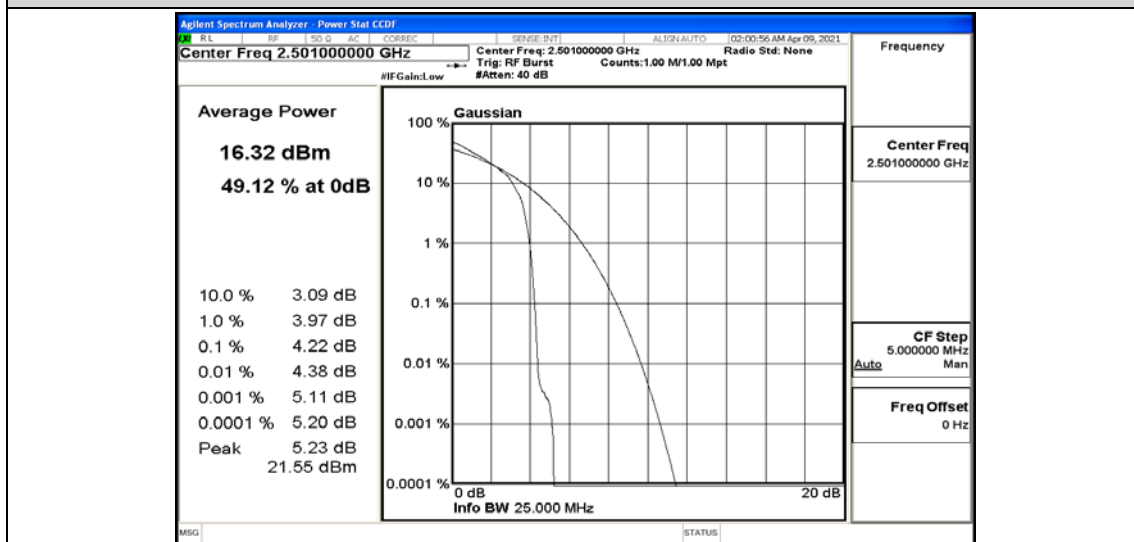
Band41-5MHz-16QAM-40620-25RB#0



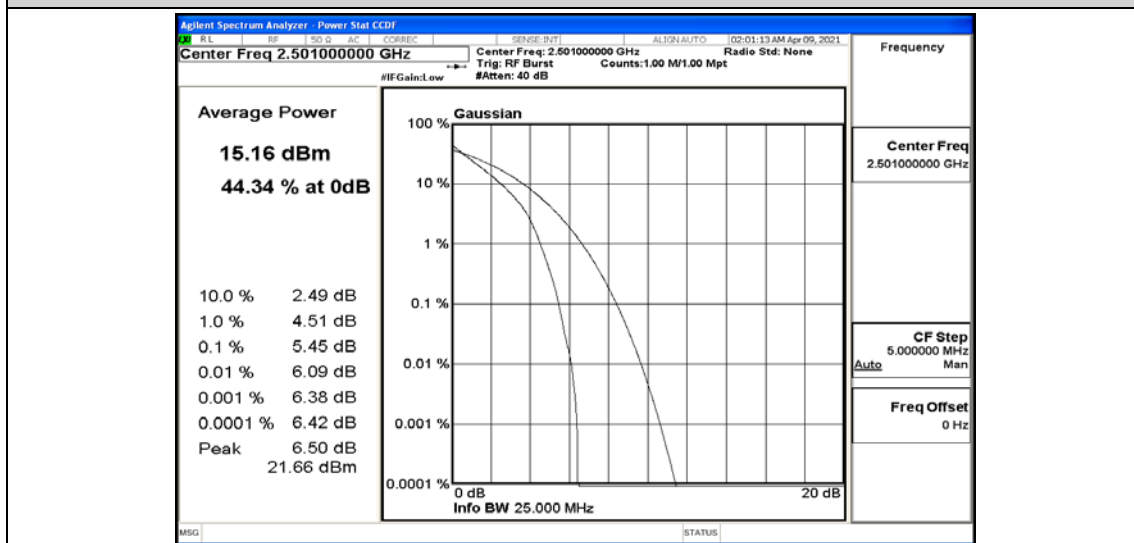
Band41-5MHz-16QAM-41565-25RB#0



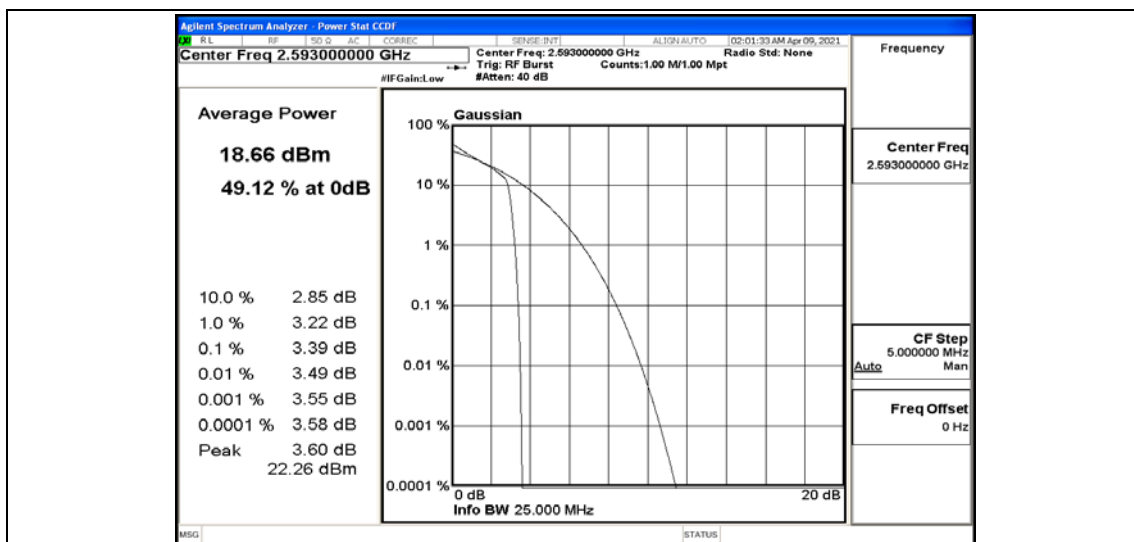
Band41-10MHz-QPSK-39700-1RB#0



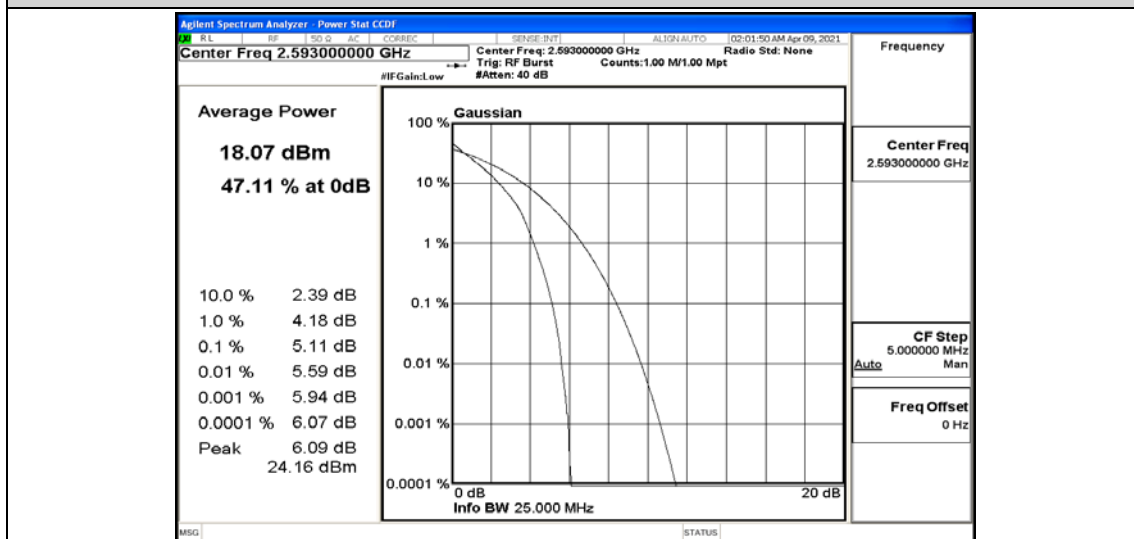
Band41-10MHz-QPSK-39700-50RB#0



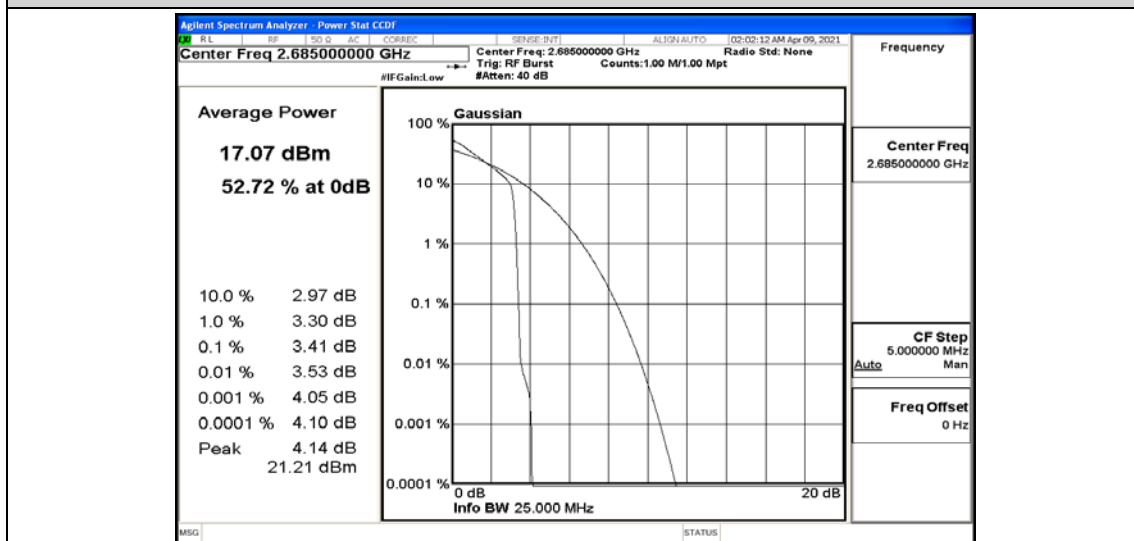
Band41-10MHz-QPSK-40620-1RB#0



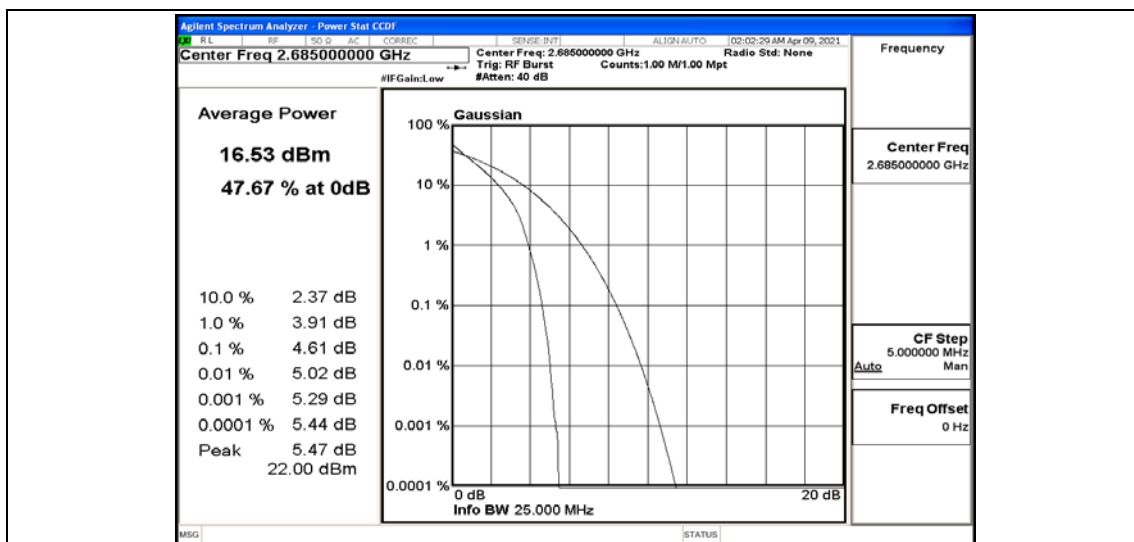
Band41-10MHz-QPSK-40620-50RB#0



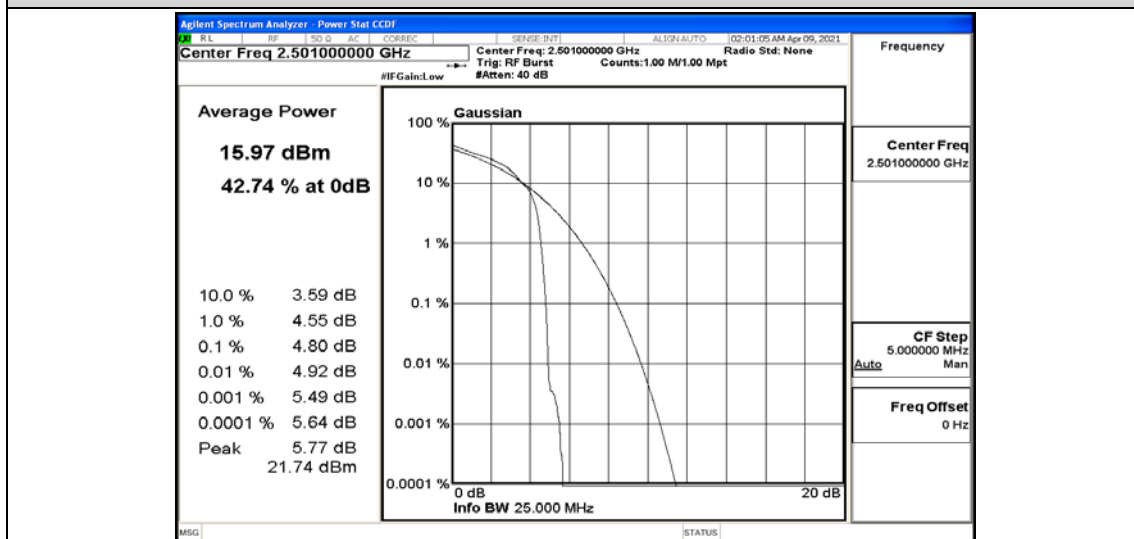
Band41-10MHz-QPSK-41540-1RB#0



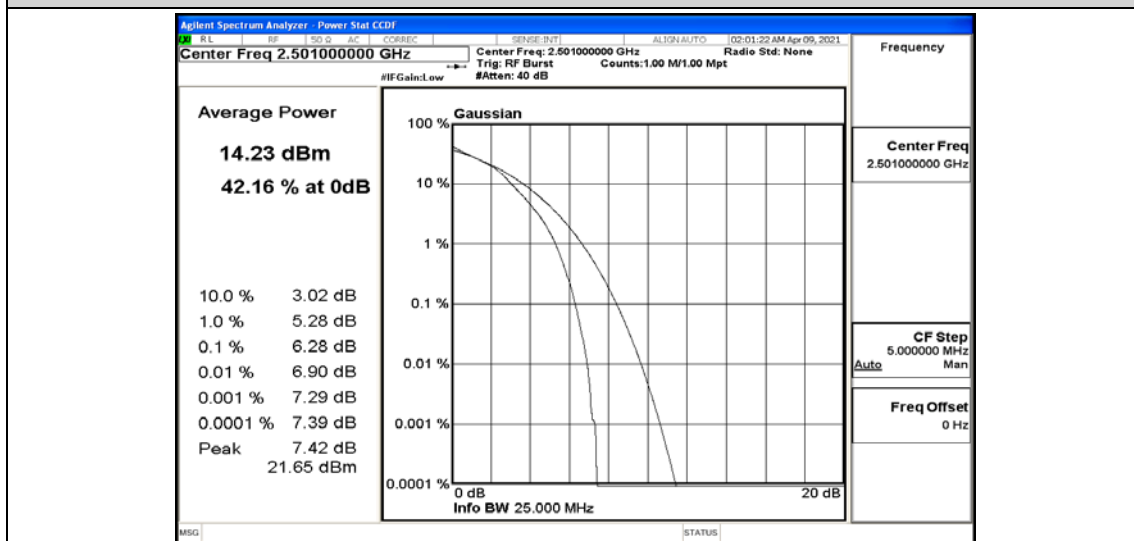
Band41-10MHz-QPSK-41540-50RB#0



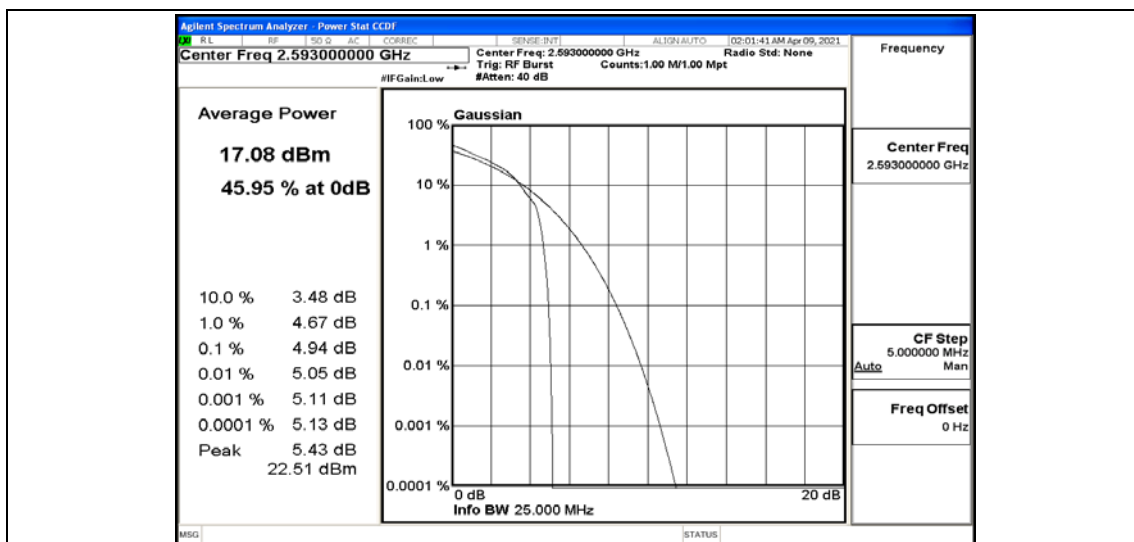
Band41-10MHz-16QAM-39700-1RB#0



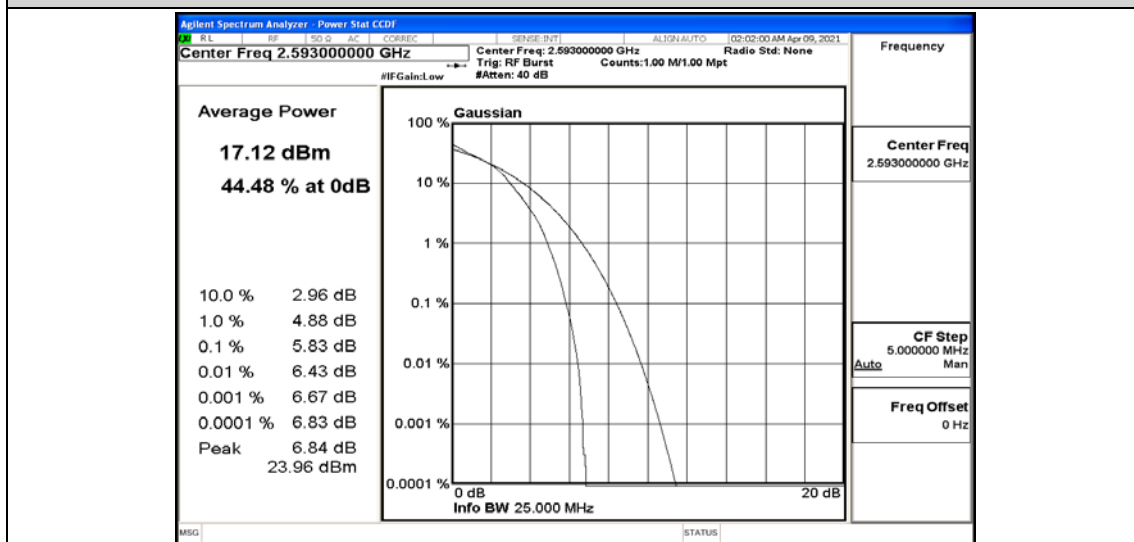
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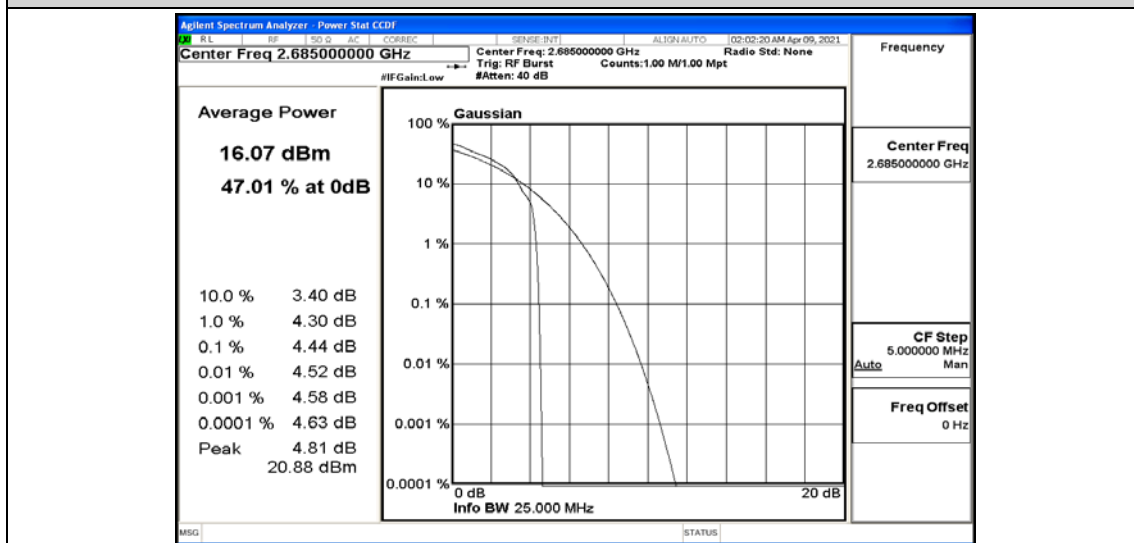
Band41-10MHz-16QAM-40620-1RB#0



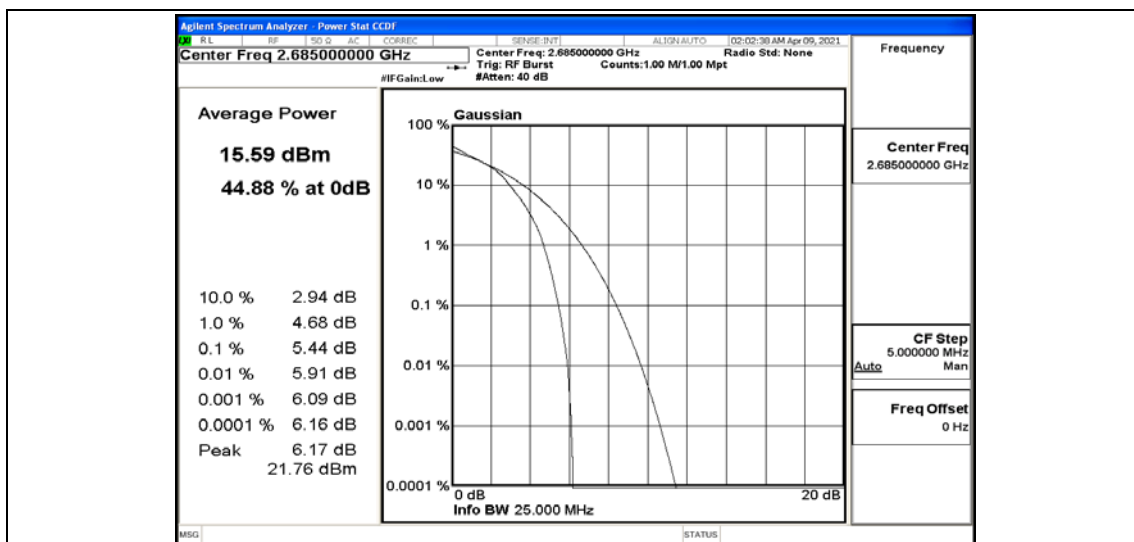
Band41-10MHz-16QAM-40620-50RB#0



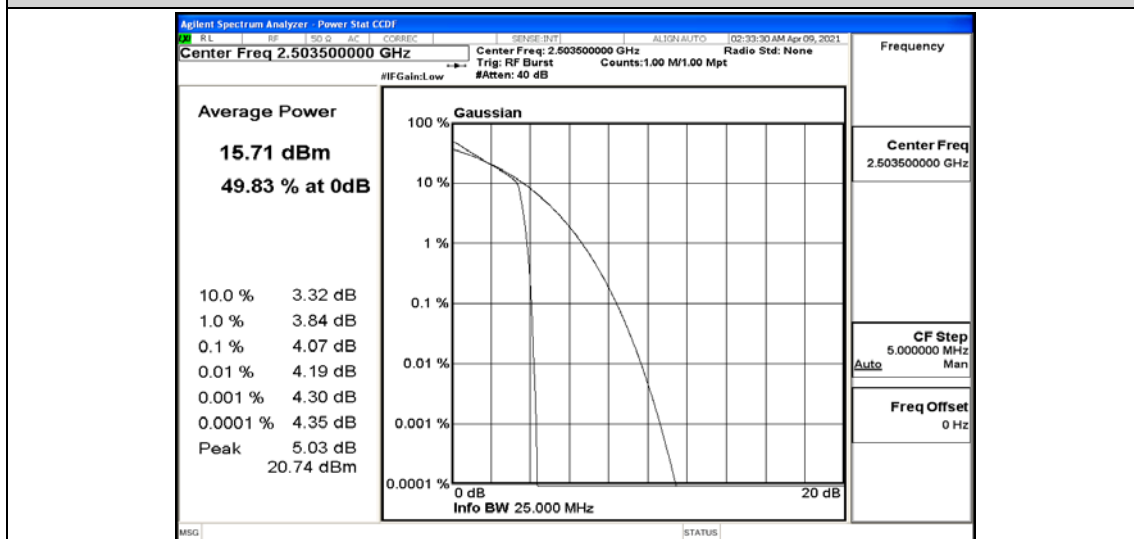
Band41-10MHz-16QAM-41540-1RB#0



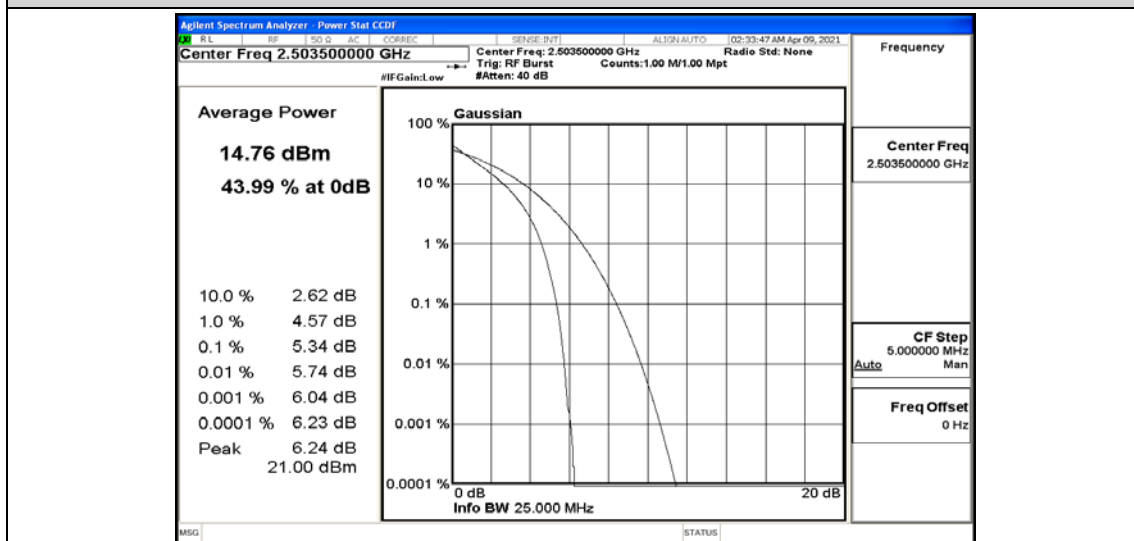
Band41-10MHz-16QAM-41540-50RB#0



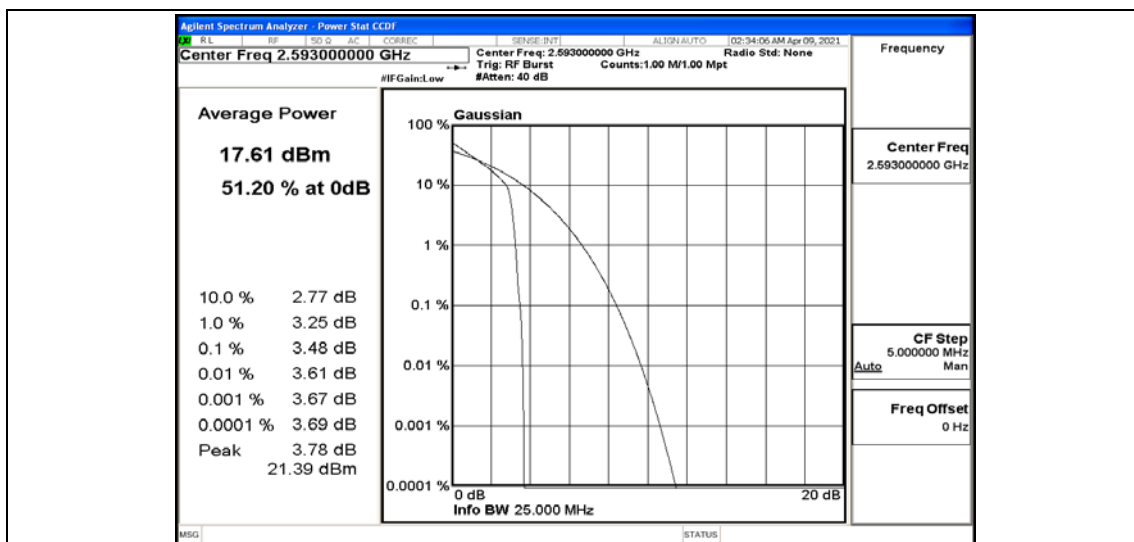
Band41-15MHz-QPSK-39725-1RB#0



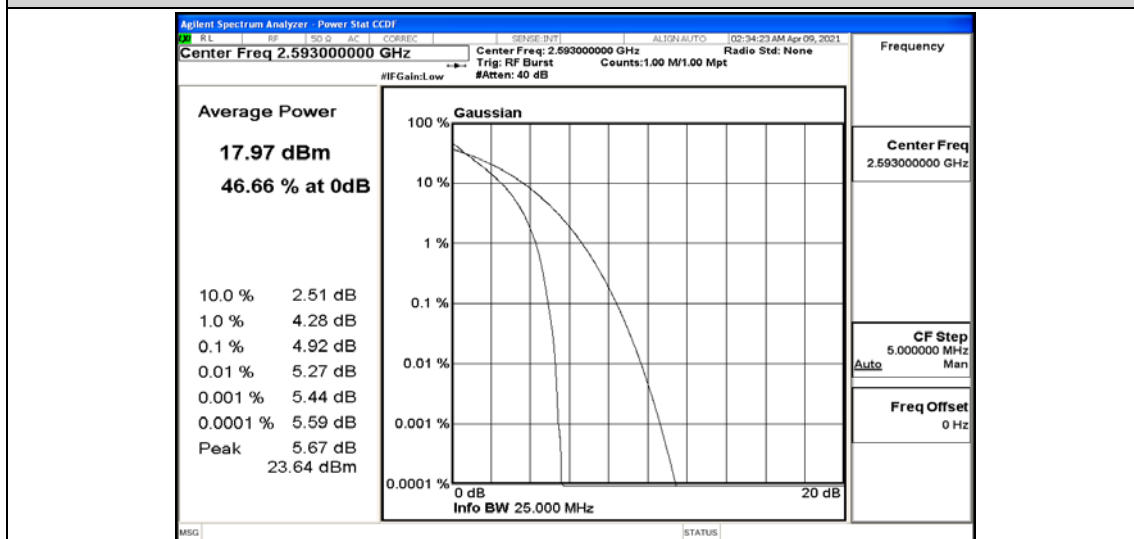
Band41-15MHz-QPSK-39725-75RB#0



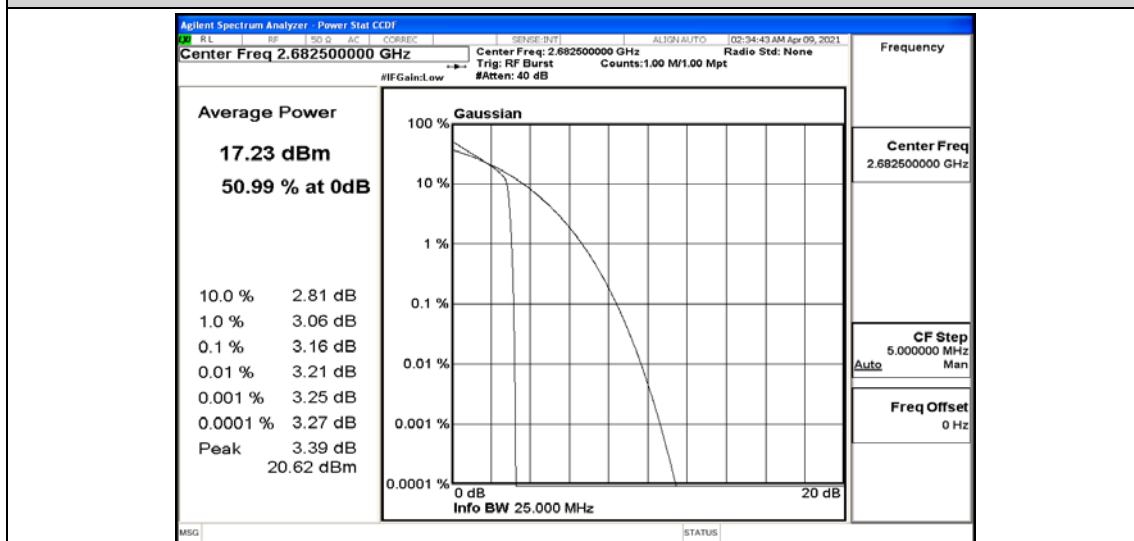
Band41-15MHz-QPSK-40620-1RB#0



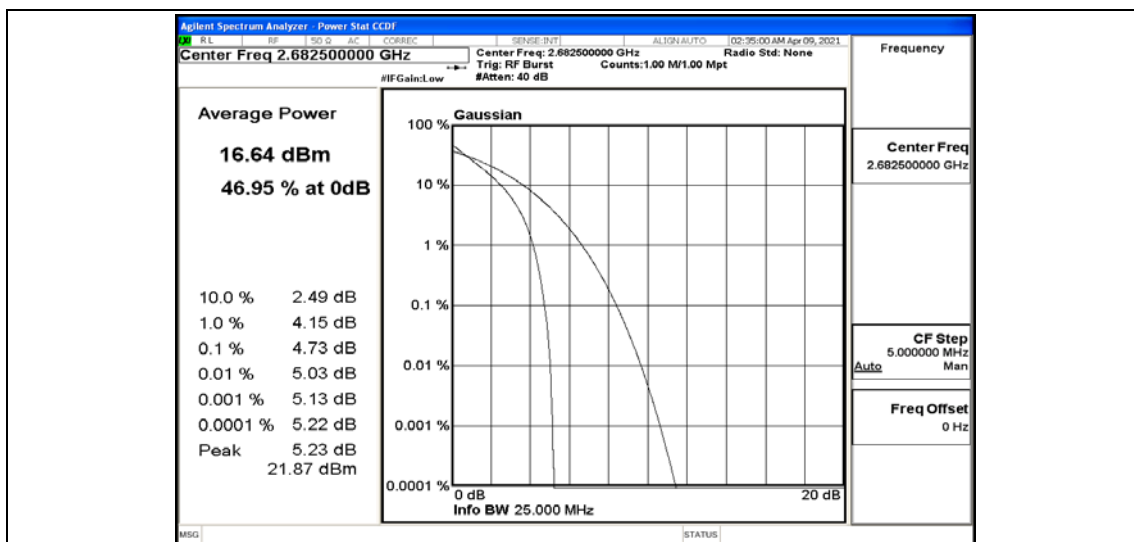
Band41-15MHz-QPSK-40620-75RB#0



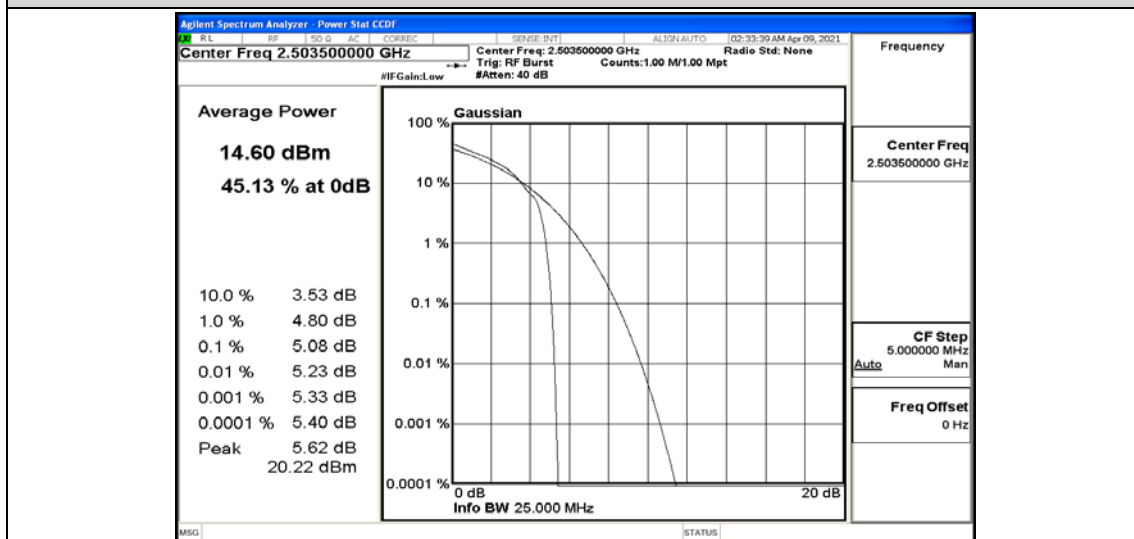
Band41-15MHz-QPSK-41515-1RB#0



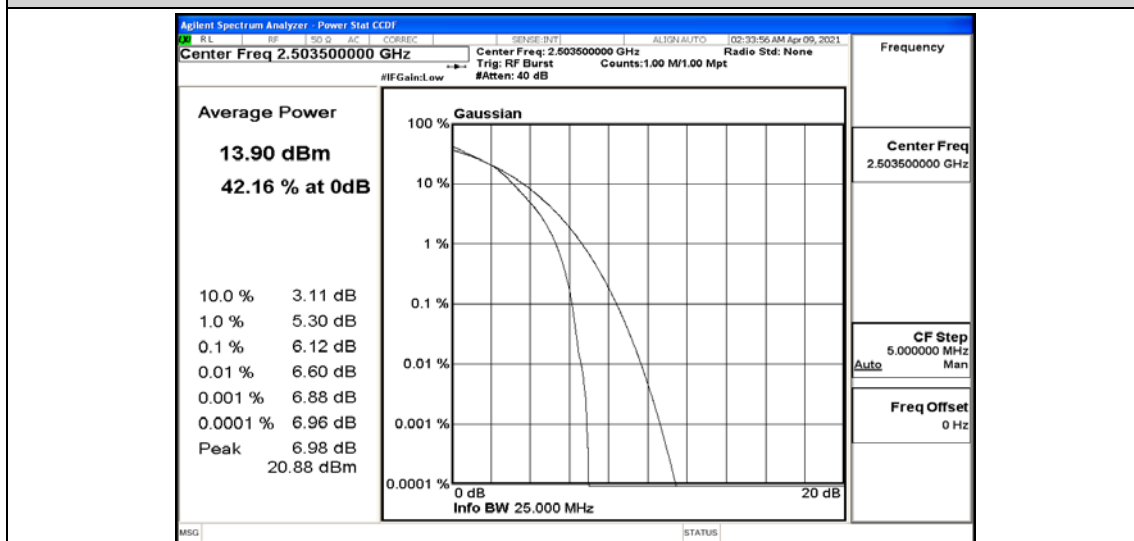
Band41-15MHz-QPSK-41515-75RB#0



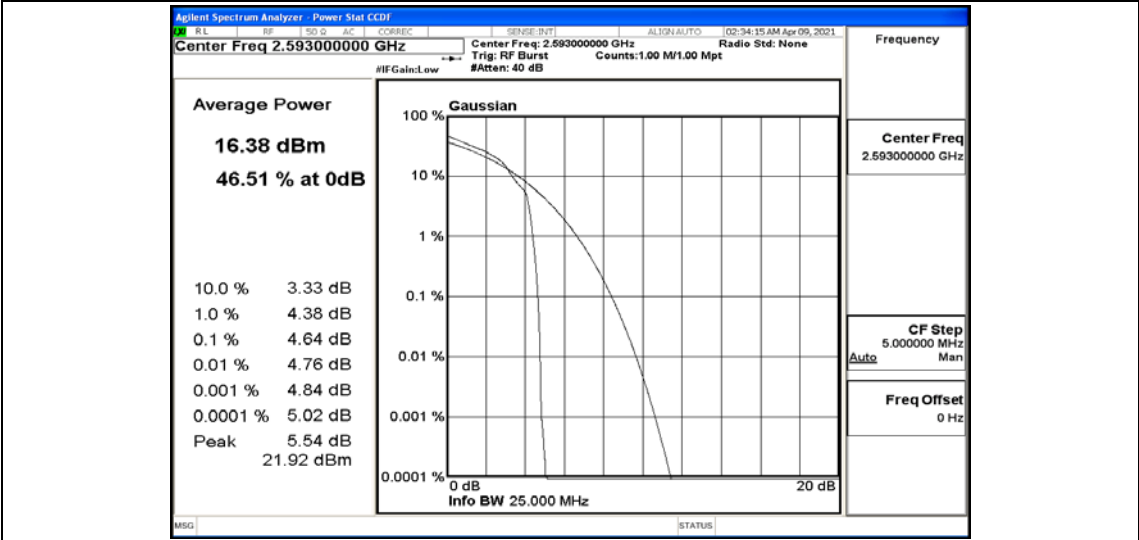
Band41-15MHz-16QAM-39725-1RB#0



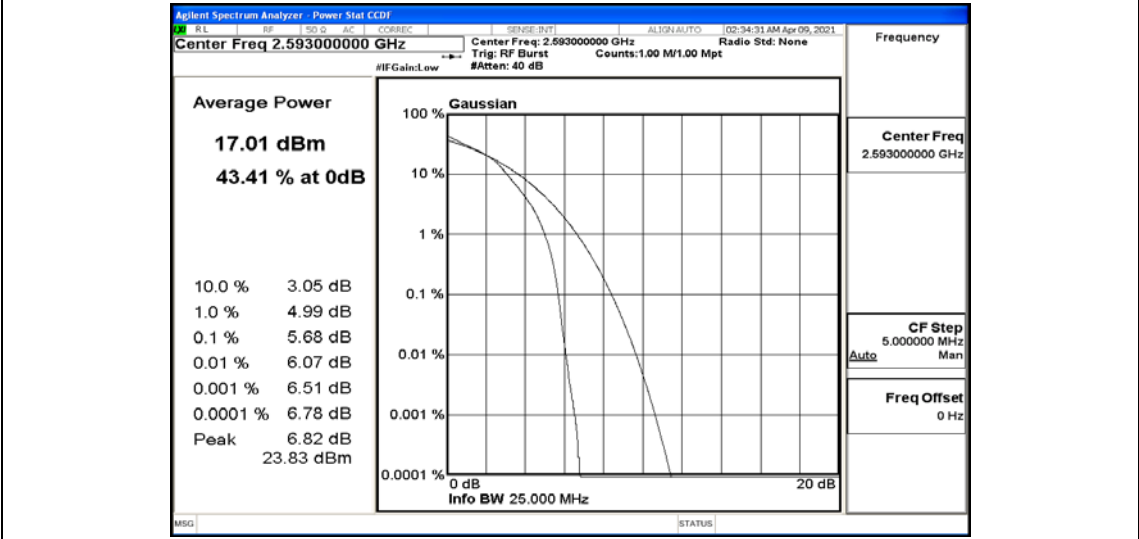
Band41-15MHz-16QAM-39725-75RB#0



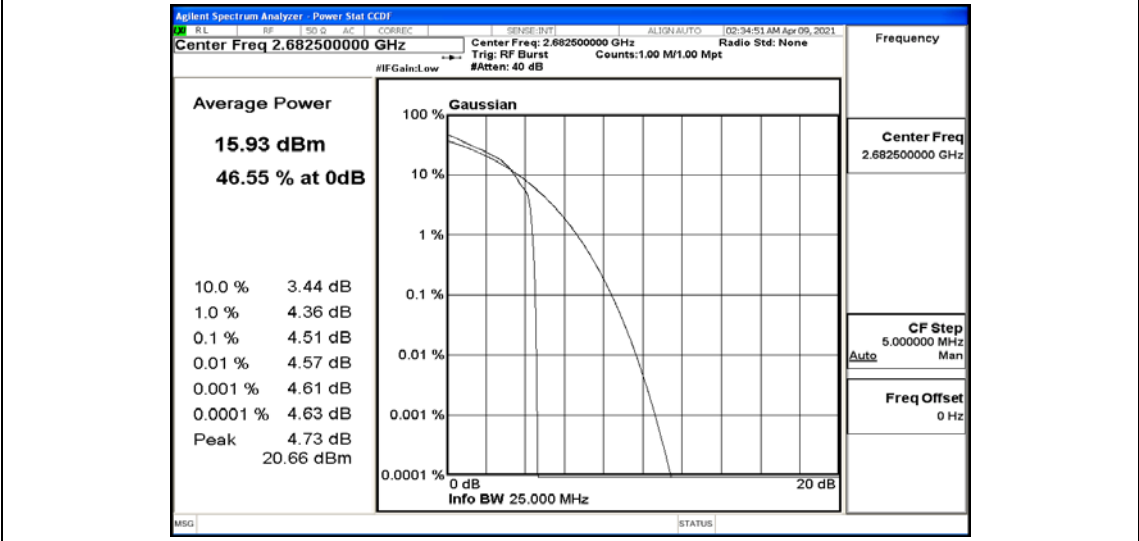
Band41-15MHz-16QAM-40620-1RB#0



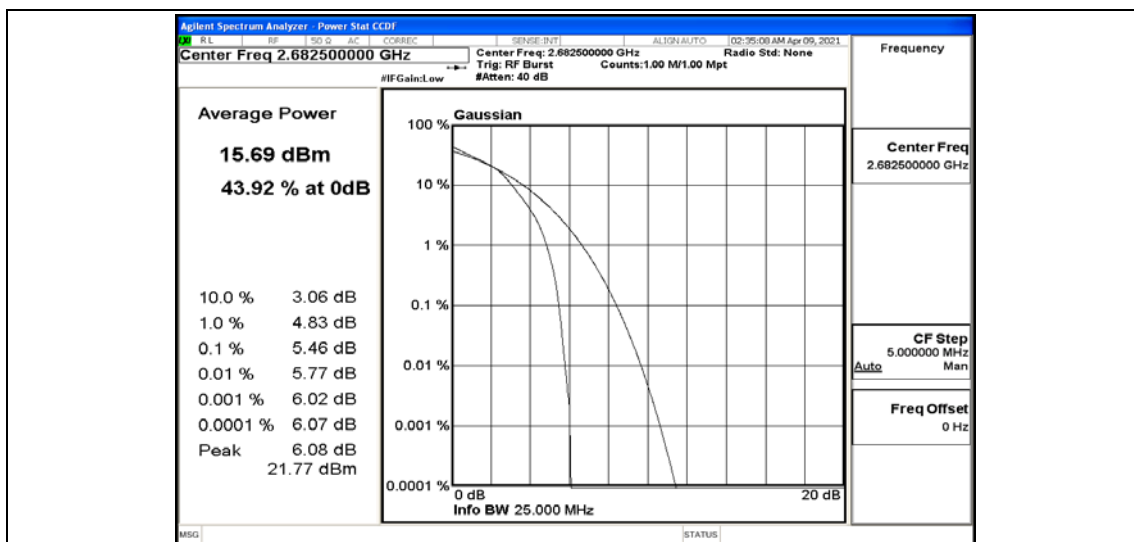
Band41-15MHz-16QAM-40620-75RB#0



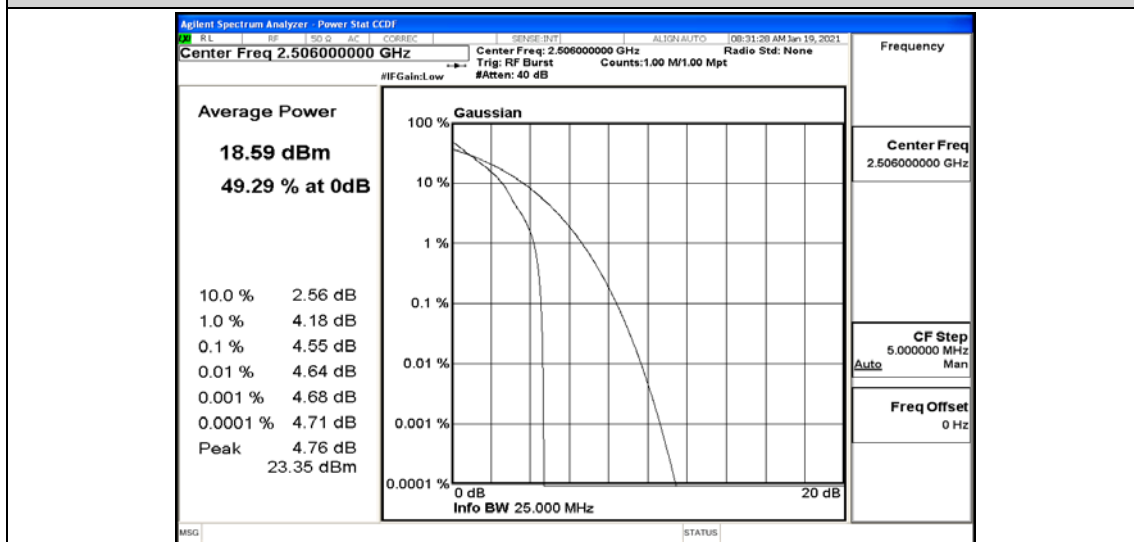
Band41-15MHz-16QAM-41515-1RB#0



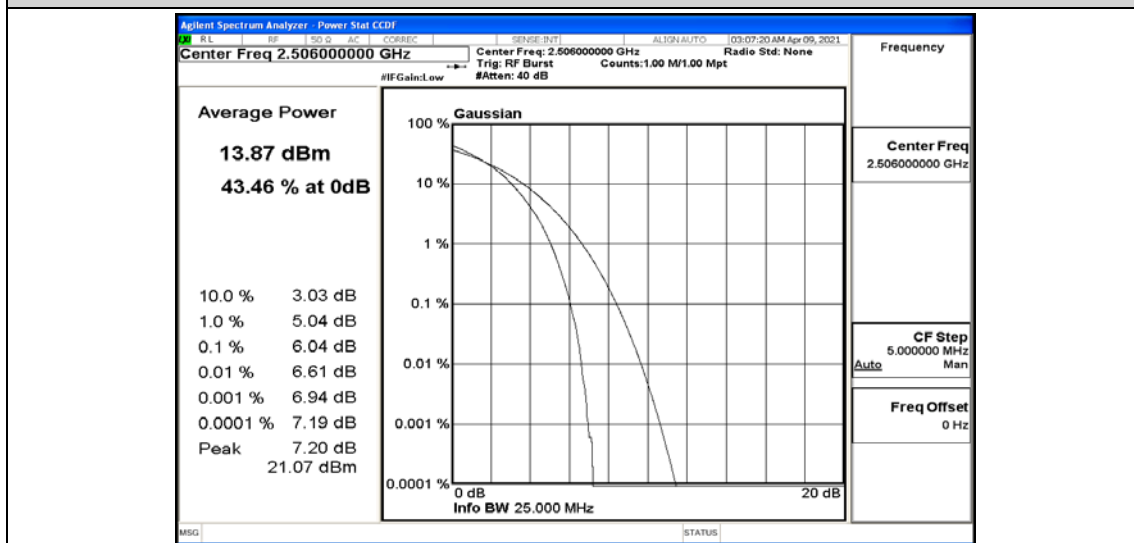
Band41-15MHz-16QAM-41515-75RB#0



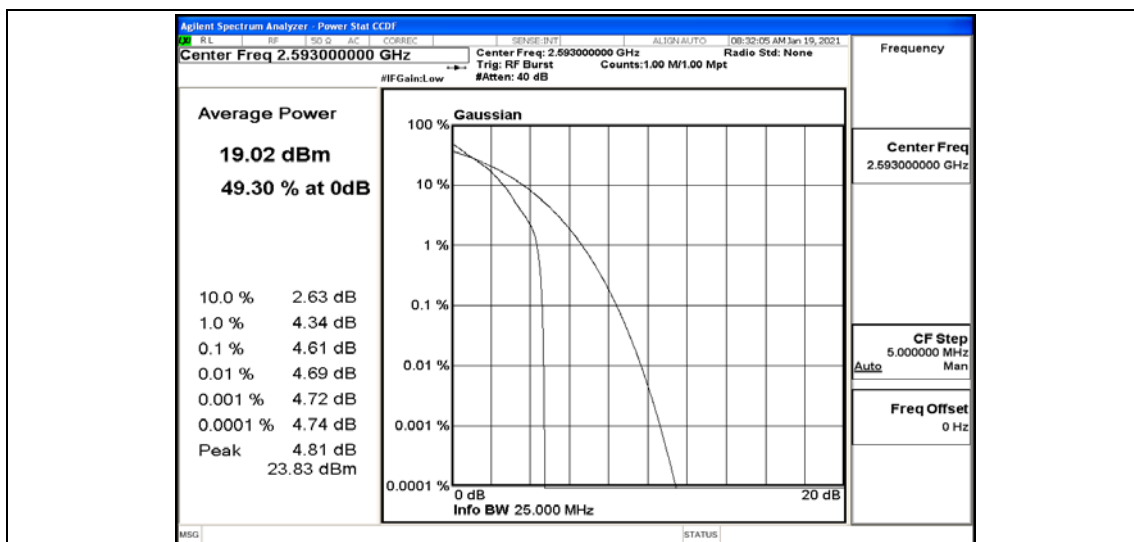
Band41-20MHz-QPSK-39750-1RB#0



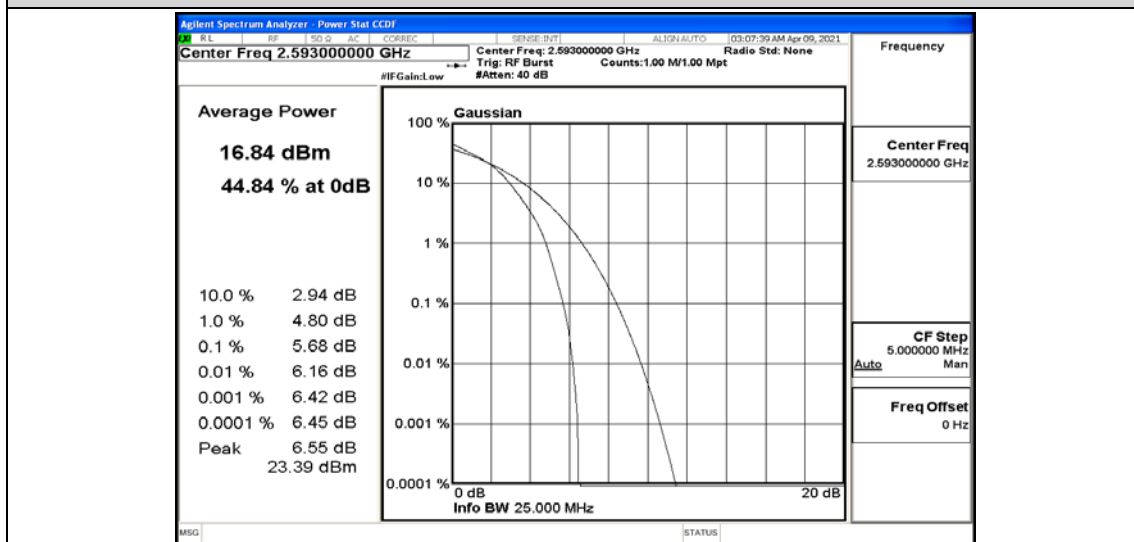
Band41-20MHz-QPSK-39750-100RB#0



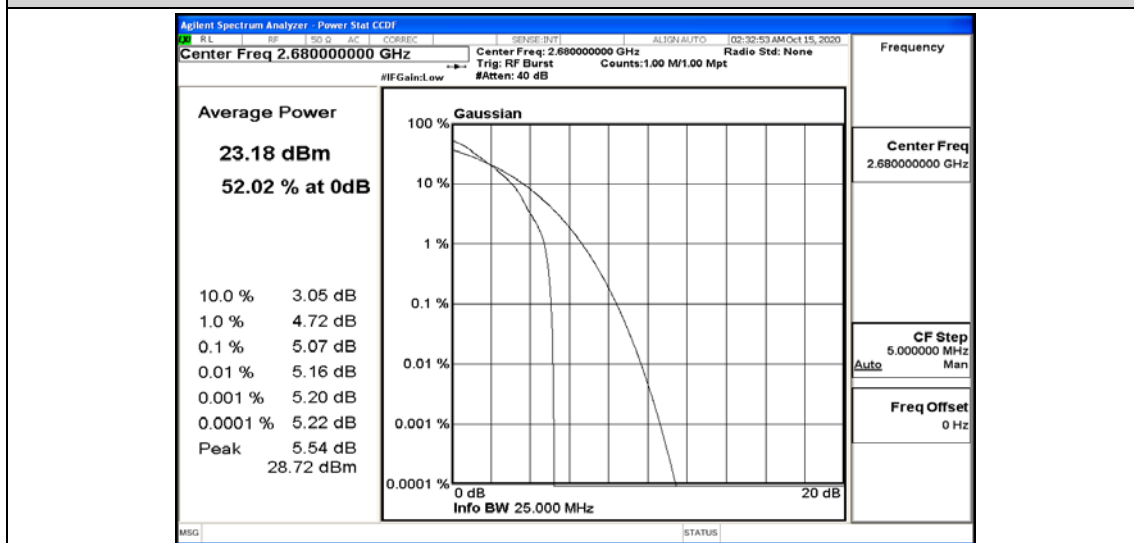
Band41-20MHz-QPSK-40620-1RB#0



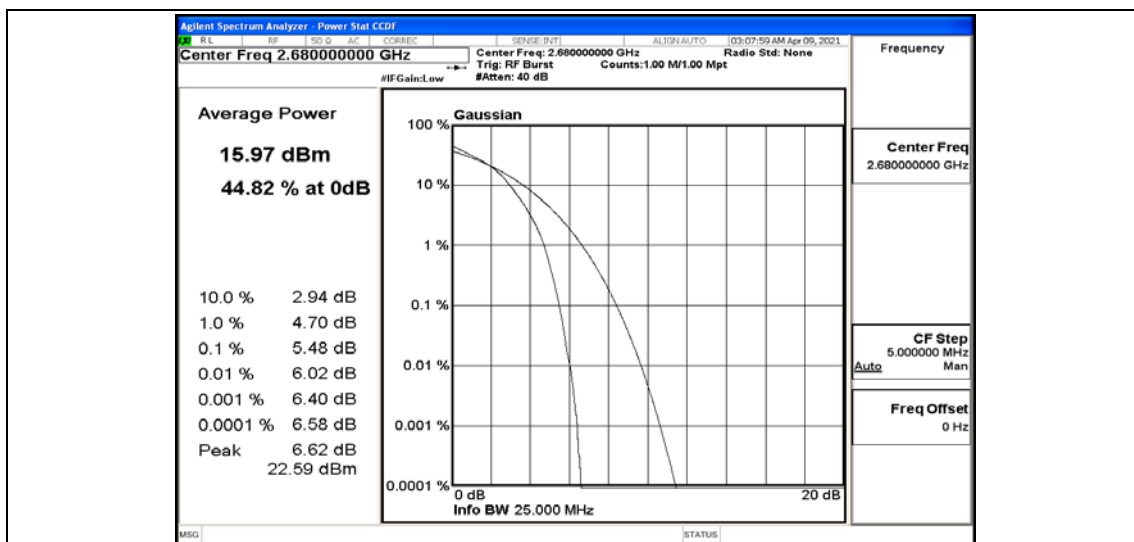
Band41-20MHz-QPSK-40620-100RB#0



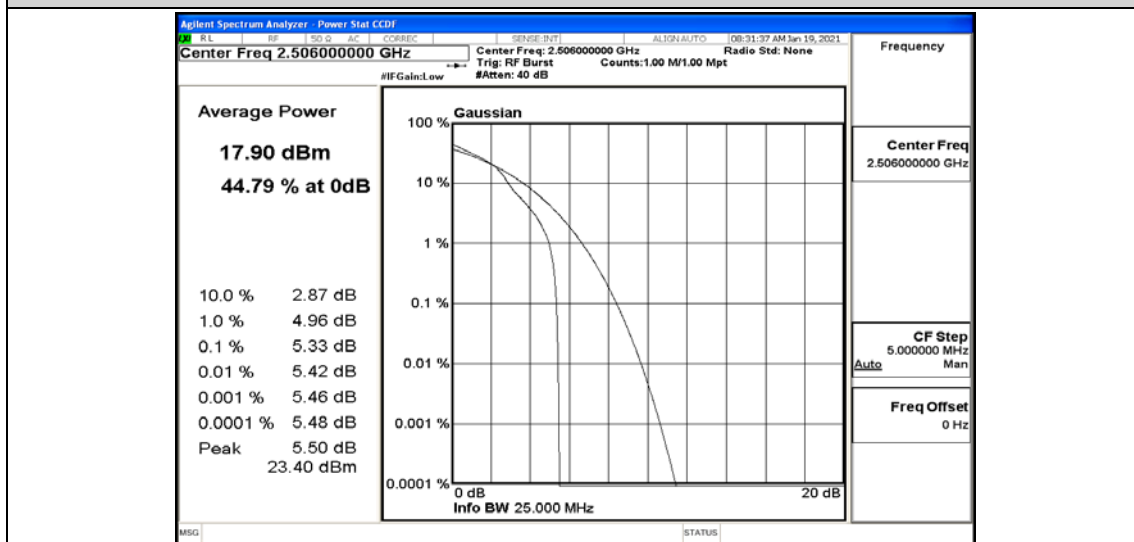
Band41-20MHz-QPSK-41490-1RB#0



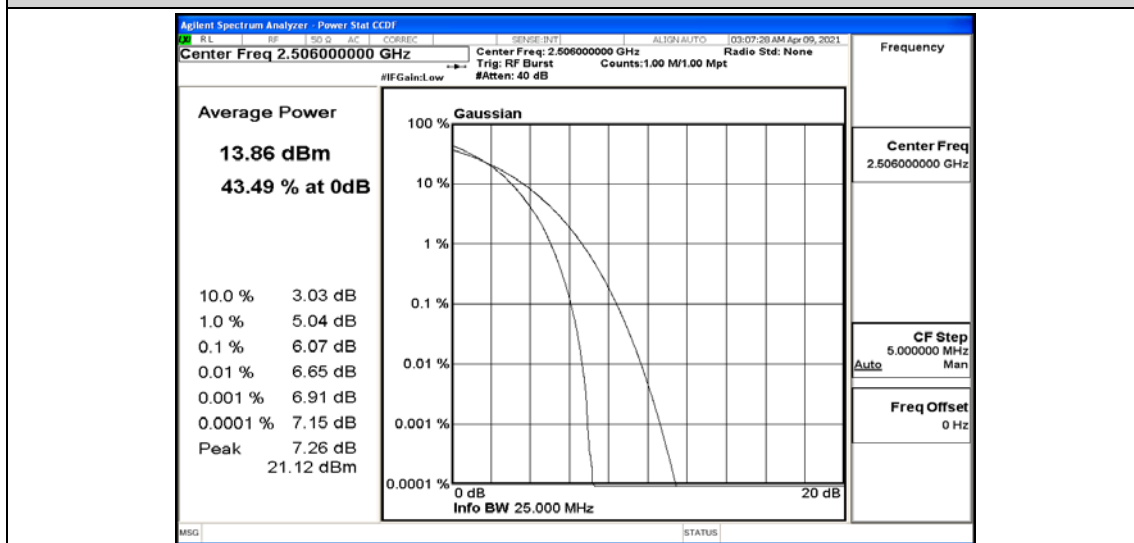
Band41-20MHz-QPSK-41490-100RB#0



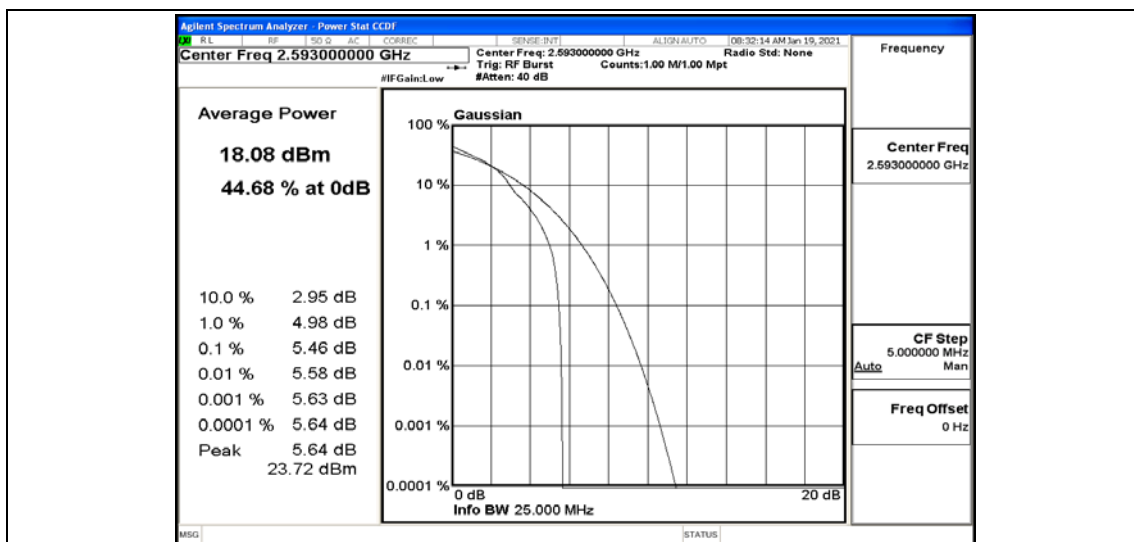
Band41-20MHz-16QAM-39750-1RB#0



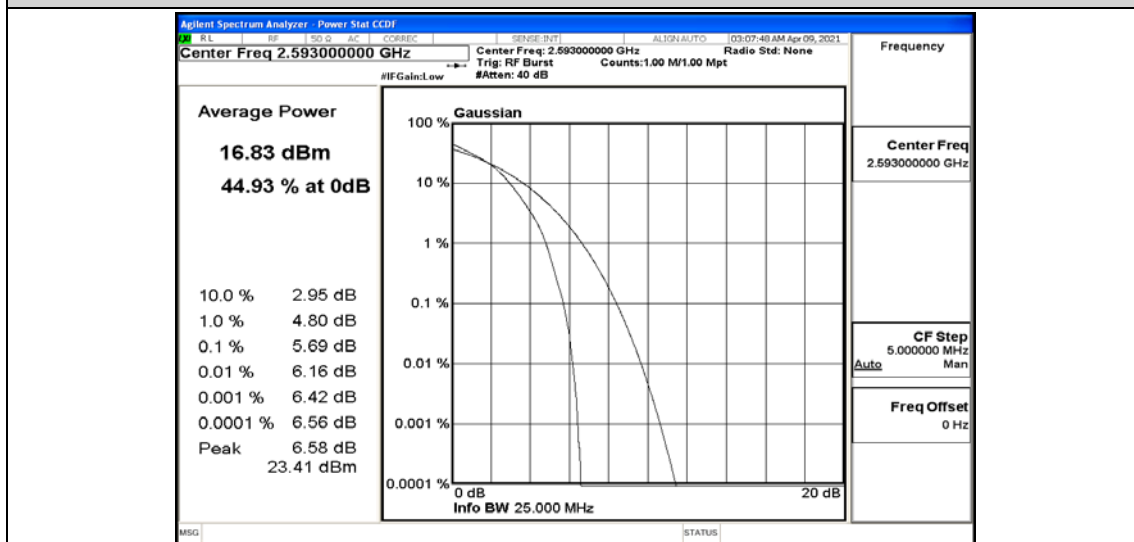
Band41-20MHz-16QAM-39750-100RB#0



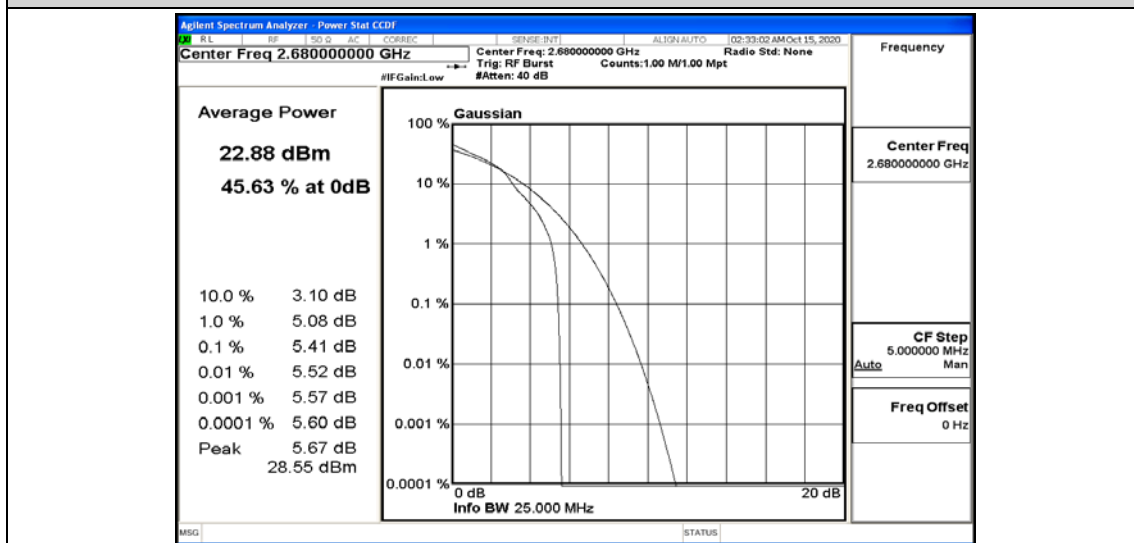
Band41-20MHz-16QAM-40620-1RB#0



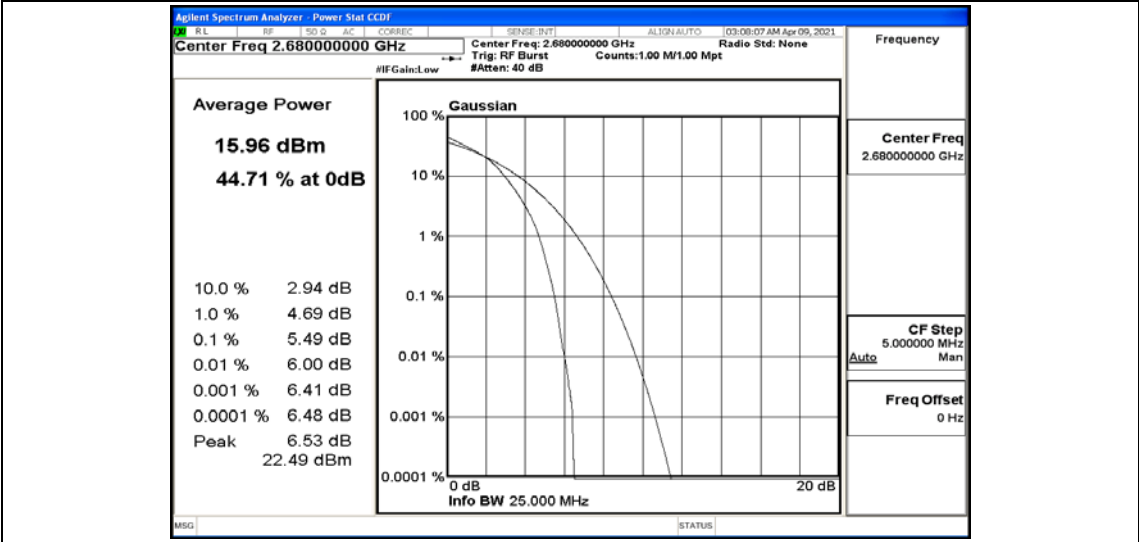
Band41-20MHz-16QAM-40620-100RB#0



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



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

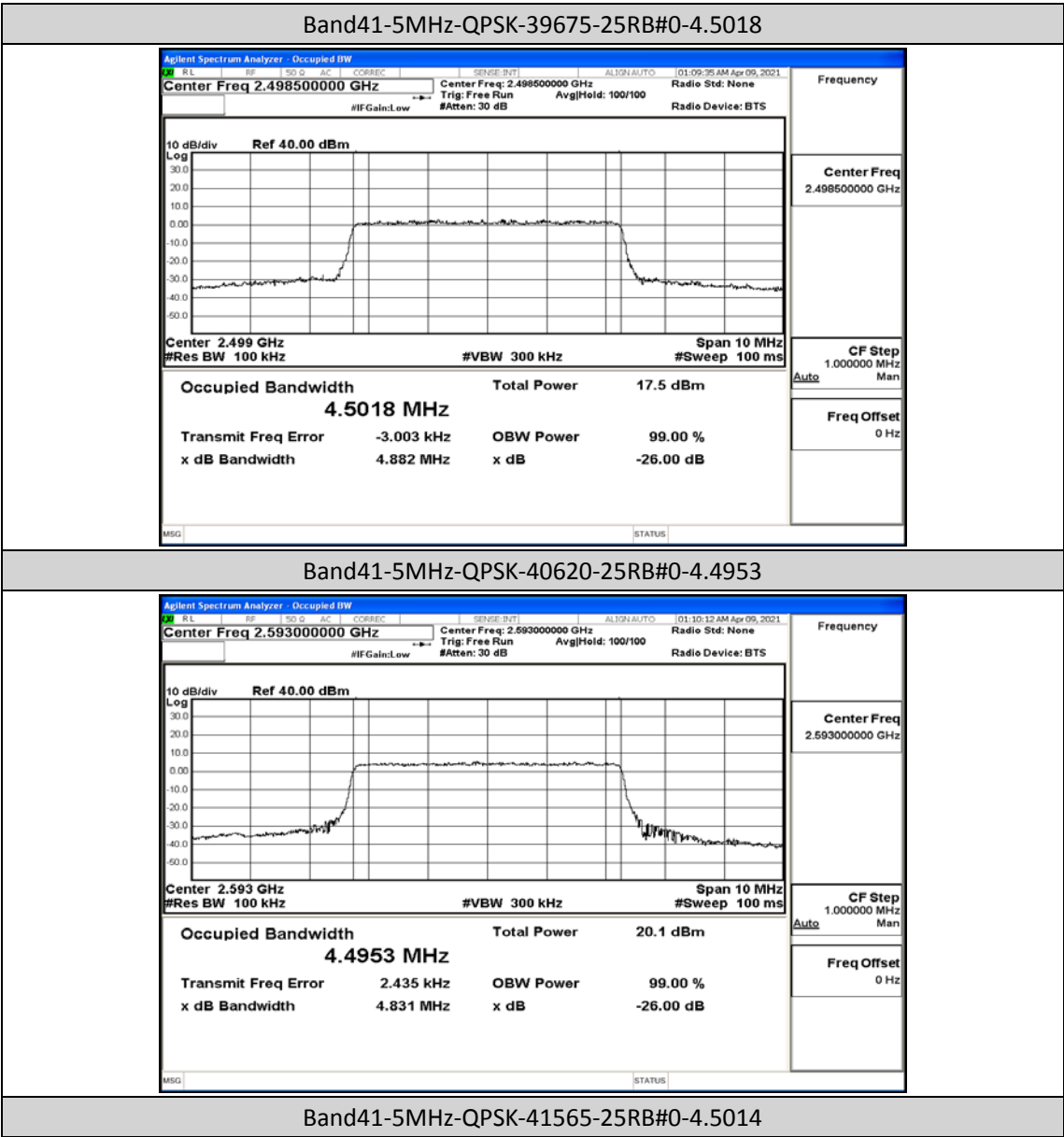


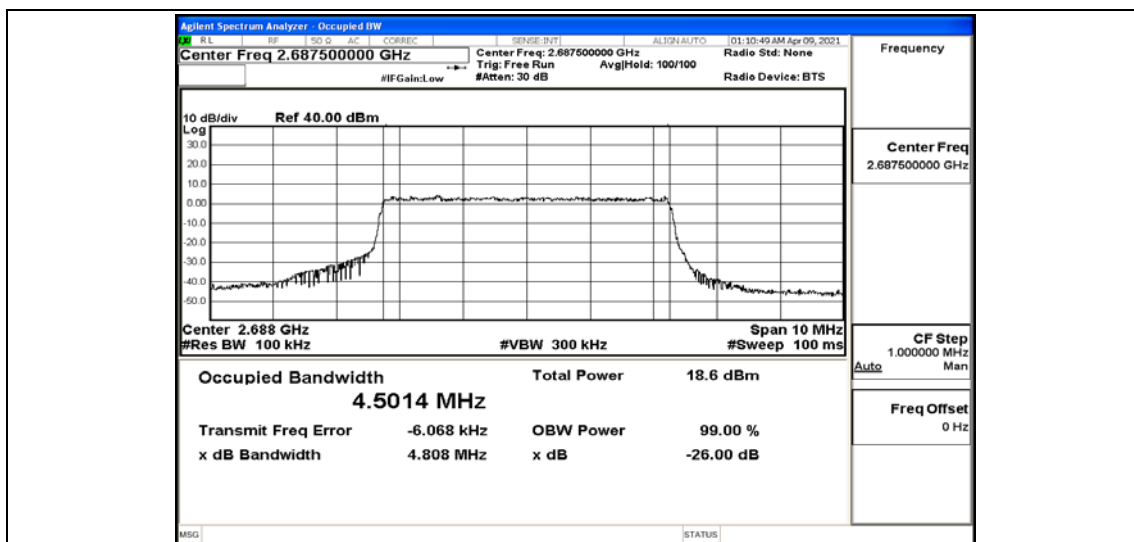
Q.3 26dB Bandwidth and Occupied Bandwidth

Test Result

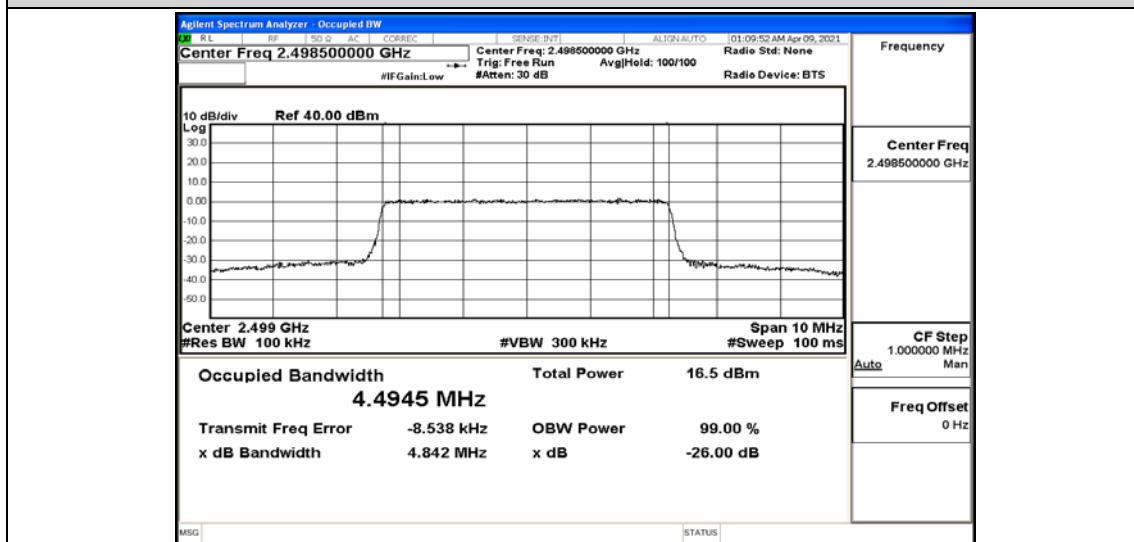
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5018	4.882	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4953	4.831	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5014	4.808	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4945	4.842	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4975	4.876	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4933	4.858	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9751	9.539	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9727	9.494	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9631	9.535	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9722	9.582	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9652	9.525	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9569	9.514	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.470	14.23	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.441	14.25	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.461	14.30	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.465	14.24	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.418	14.25	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.458	14.31	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.934	18.95	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.904	18.94	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.932	18.97	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.943	18.94	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.878	18.92	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.921	18.98	PASS

Test Graphs

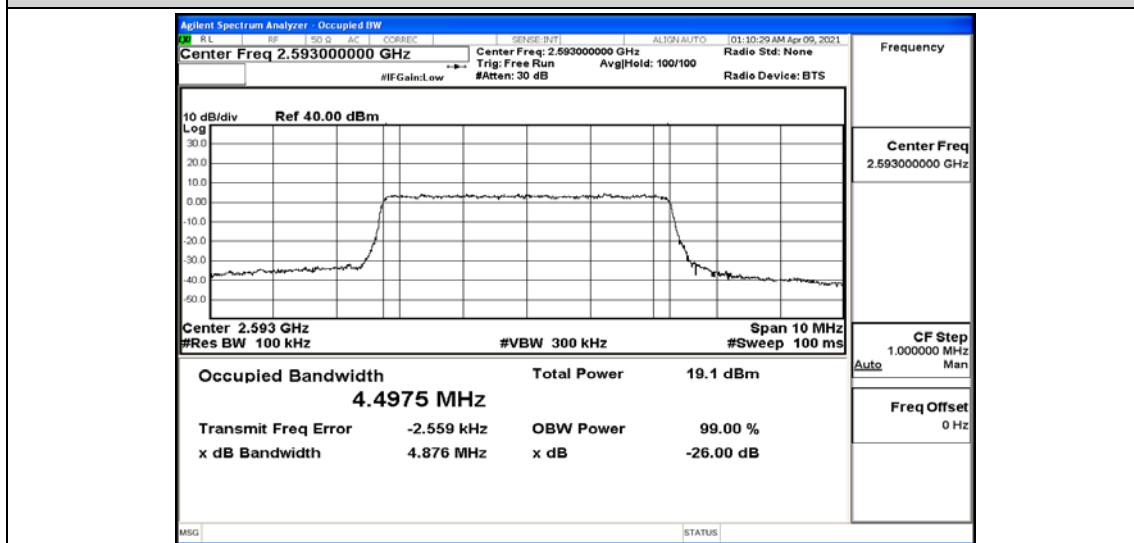




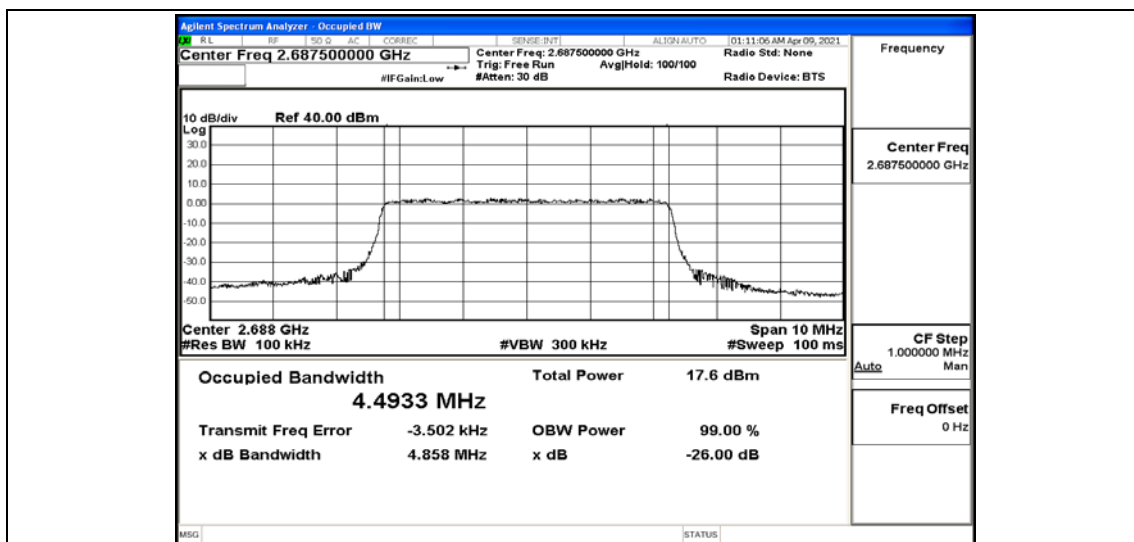
Band41-5MHz-16QAM-39675-25RB#0-4.4945



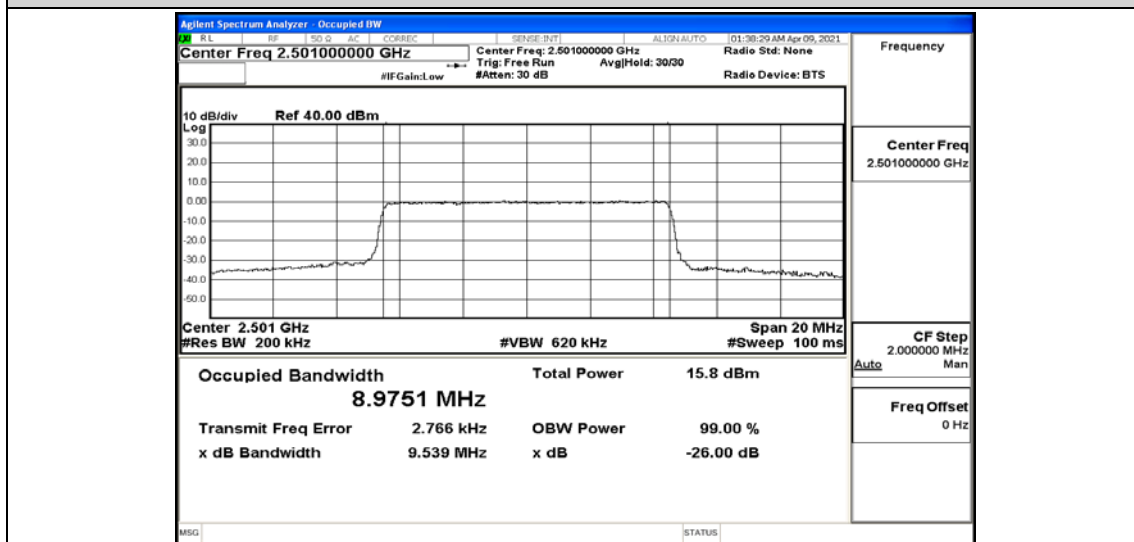
Band41-5MHz-16QAM-40620-25RB#0-4.4975



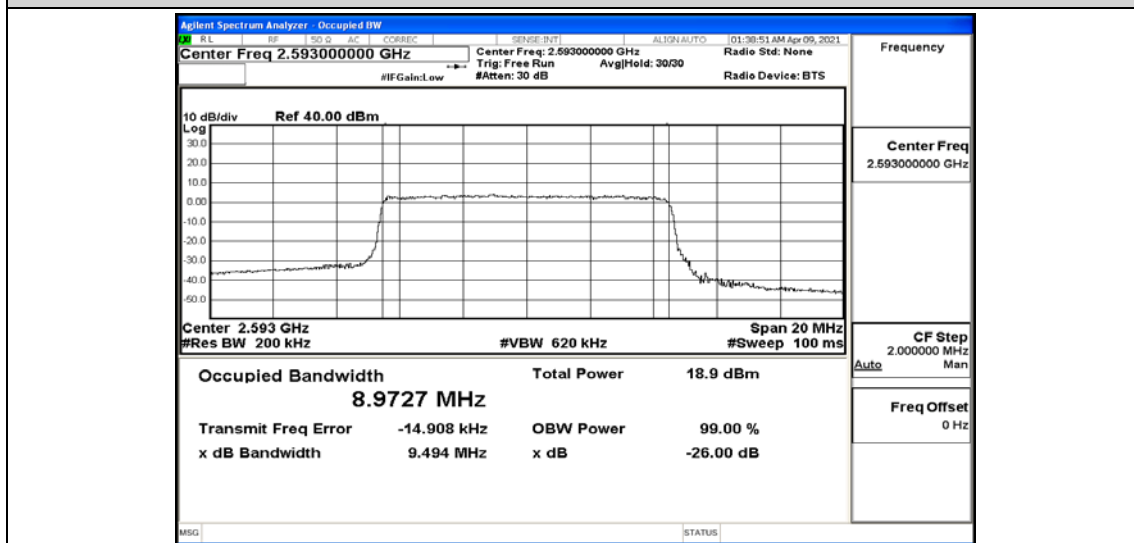
Band41-5MHz-16QAM-41565-25RB#0-4.4933



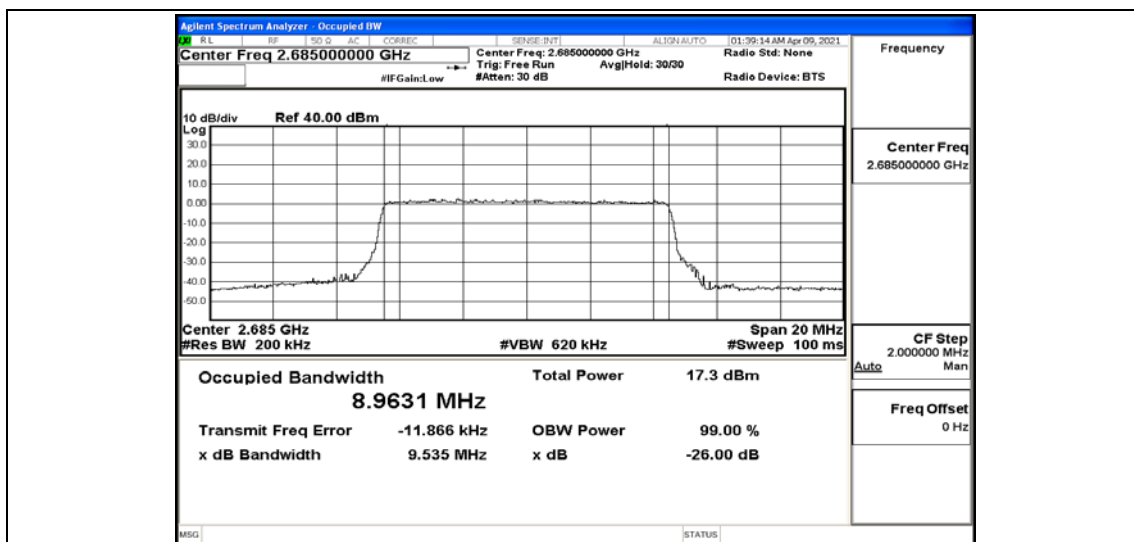
Band41-10MHz-QPSK-39700-50RB#0-8.9751



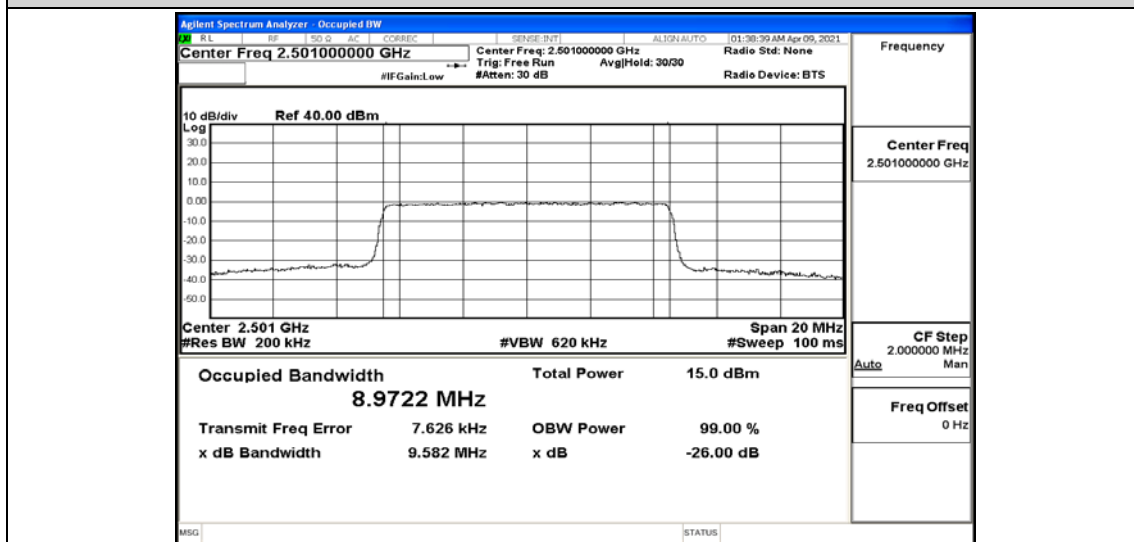
Band41-10MHz-QPSK-40620-50RB#0-8.9727



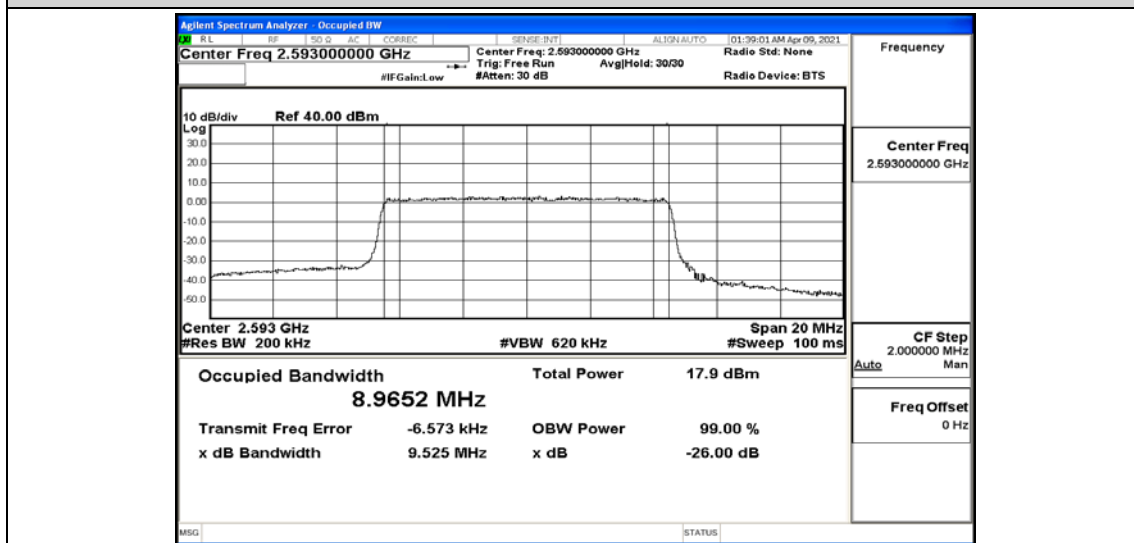
Band41-10MHz-QPSK-41540-50RB#0-8.9631



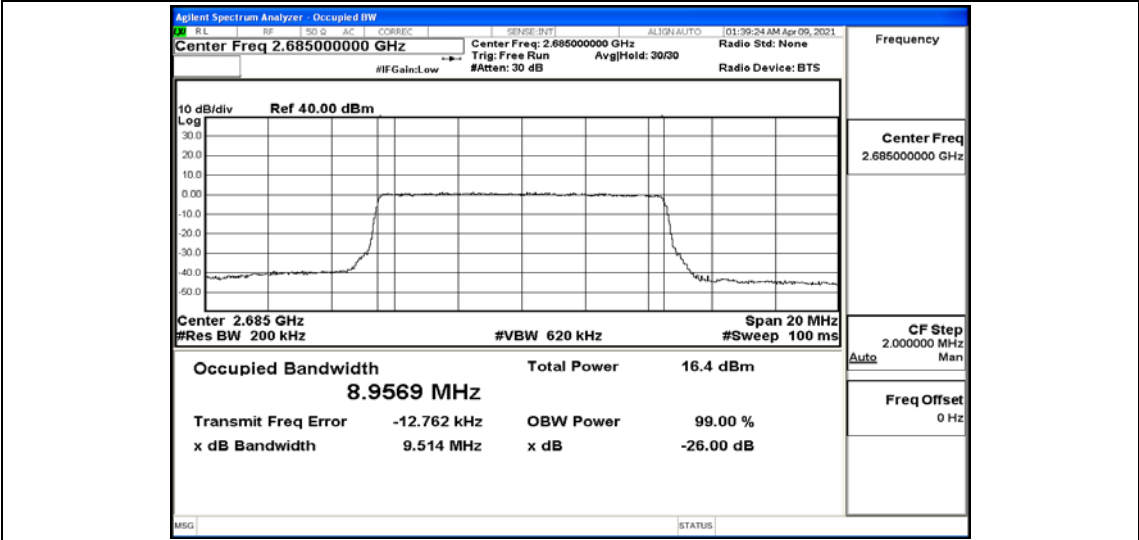
Band41-10MHz-16QAM-39700-50RB#0-8.9722



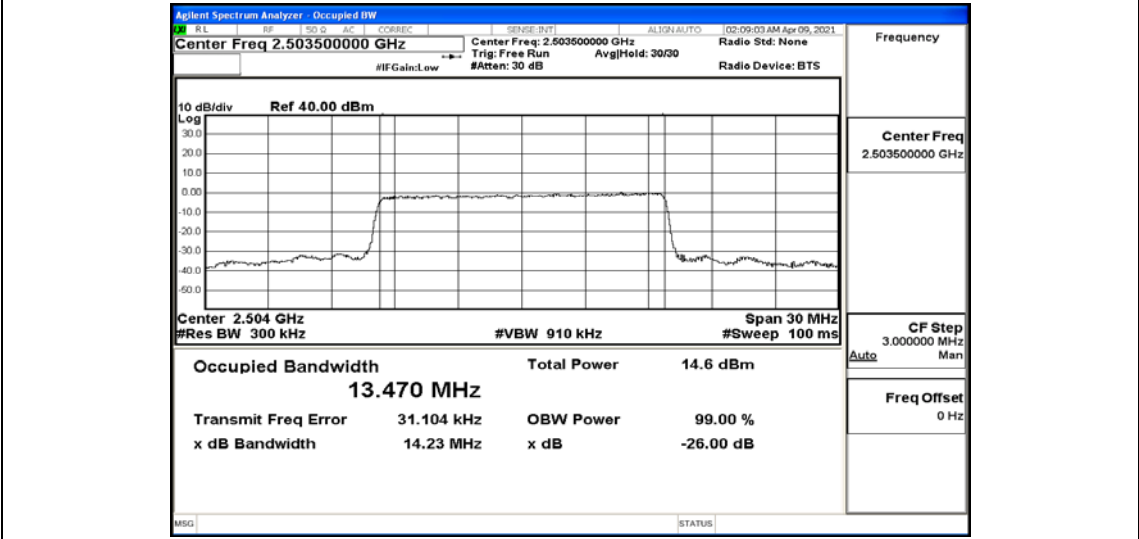
Band41-10MHz-16QAM-40620-50RB#0-8.9652



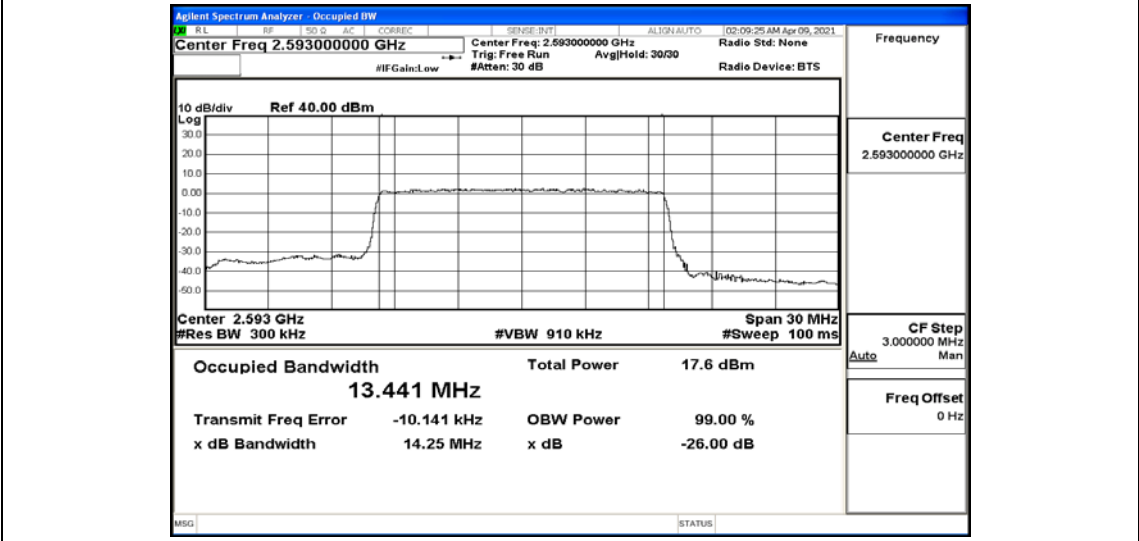
Band41-10MHz-16QAM-41540-50RB#0-8.9569



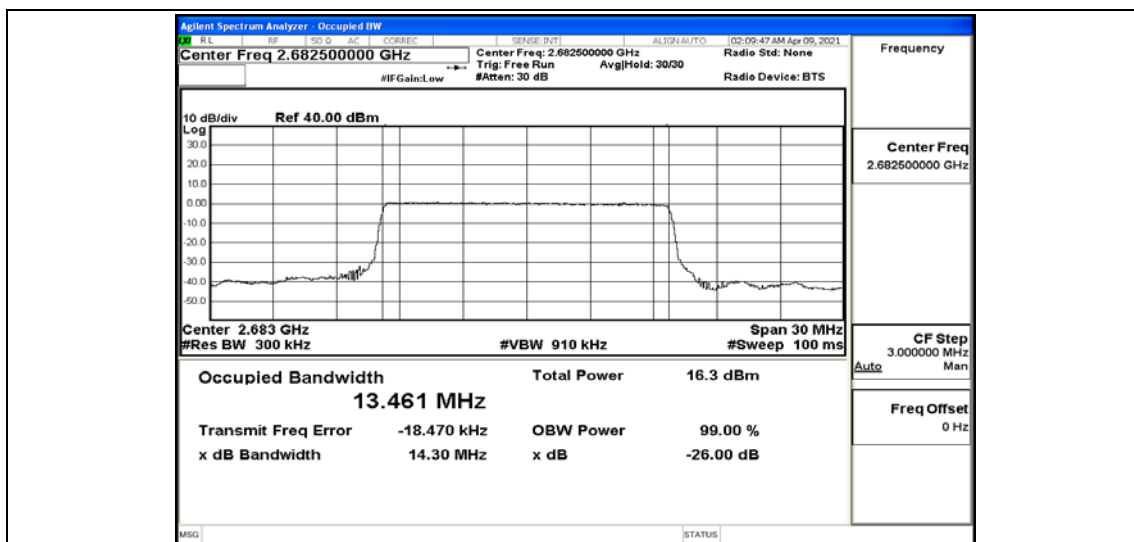
Band41-15MHz-QPSK-39725-75RB#0-13.470



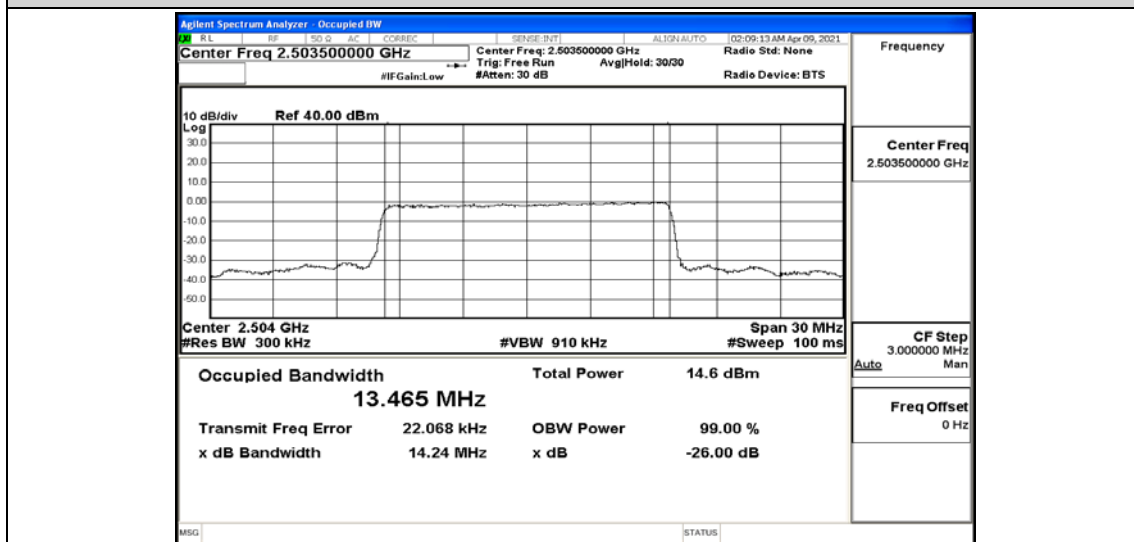
Band41-15MHz-QPSK-40620-75RB#0-13.441



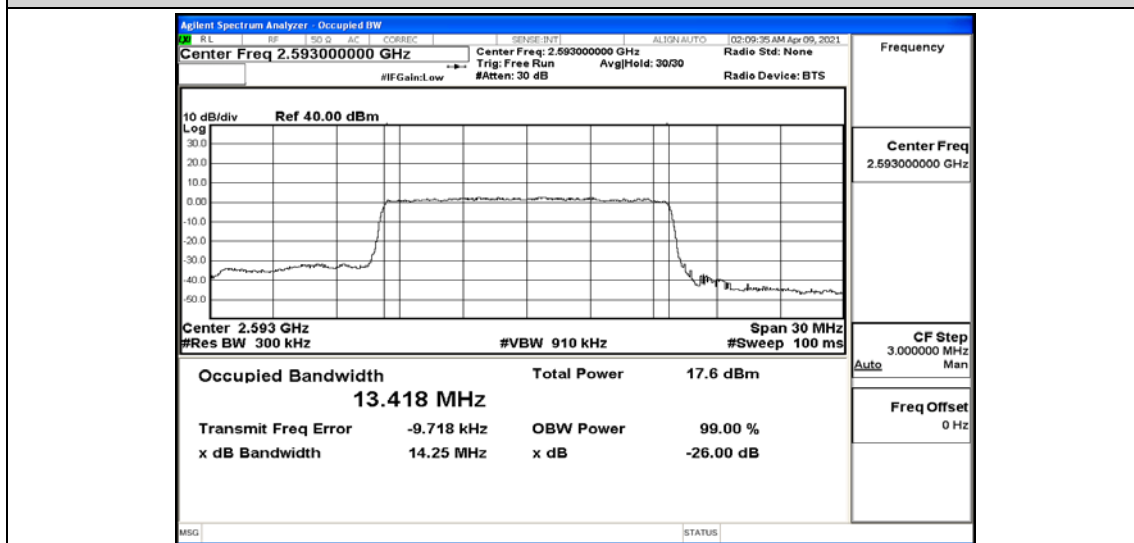
Band41-15MHz-QPSK-41515-75RB#0-13.461



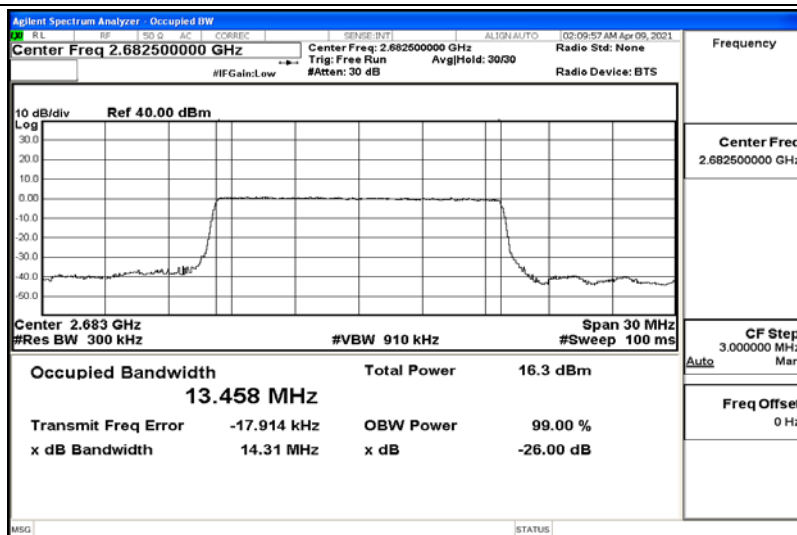
Band41-15MHz-16QAM-39725-75RB#0-13.465



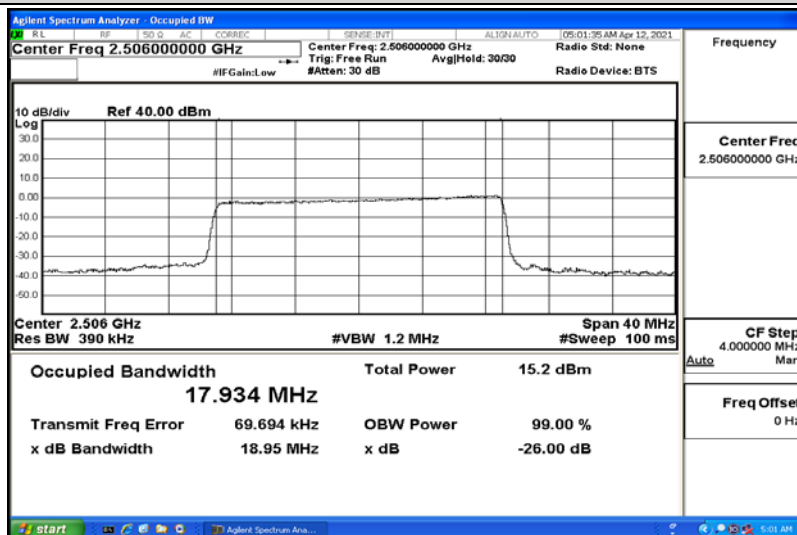
Band41-15MHz-16QAM-40620-75RB#0-13.418



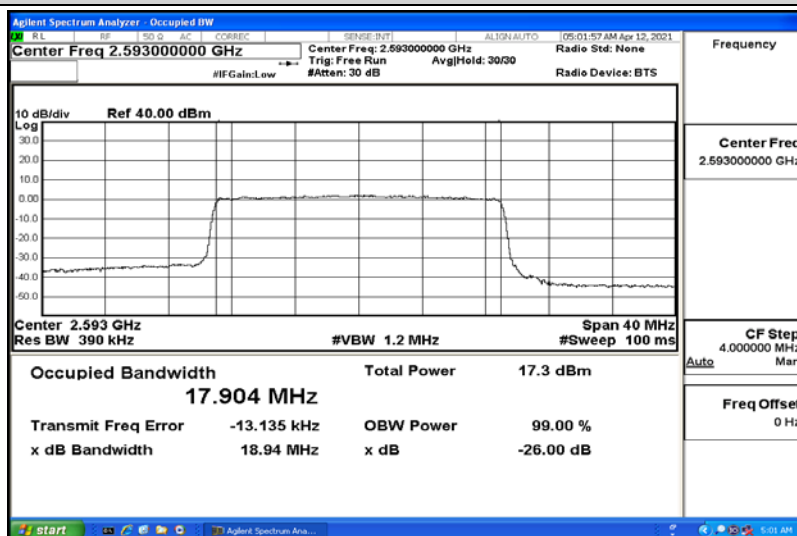
Band41-15MHz-16QAM-41515-75RB#0-13.458



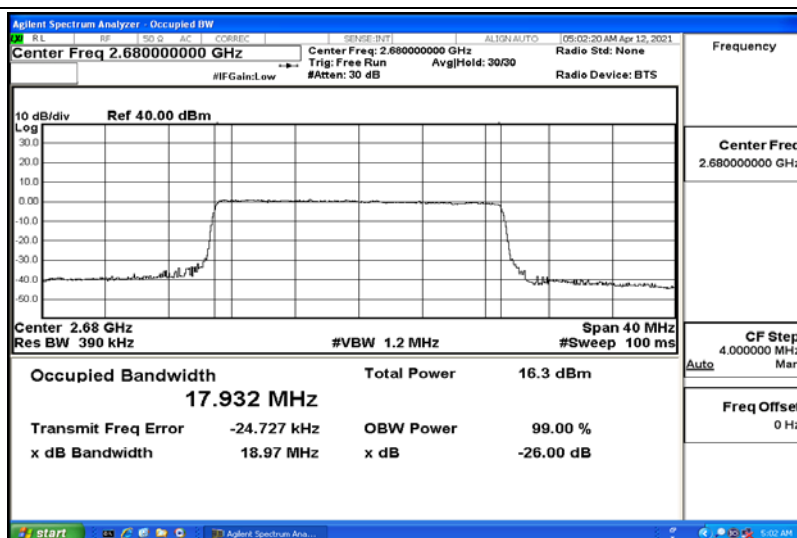
Band41-20MHz-QPSK-39750-100RB#0-17.934



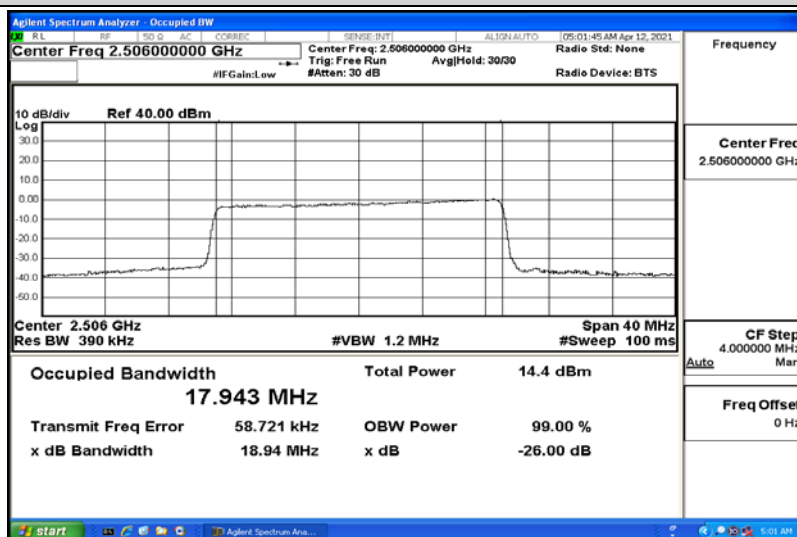
Band41-20MHz-QPSK-40620-100RB#0-17.904



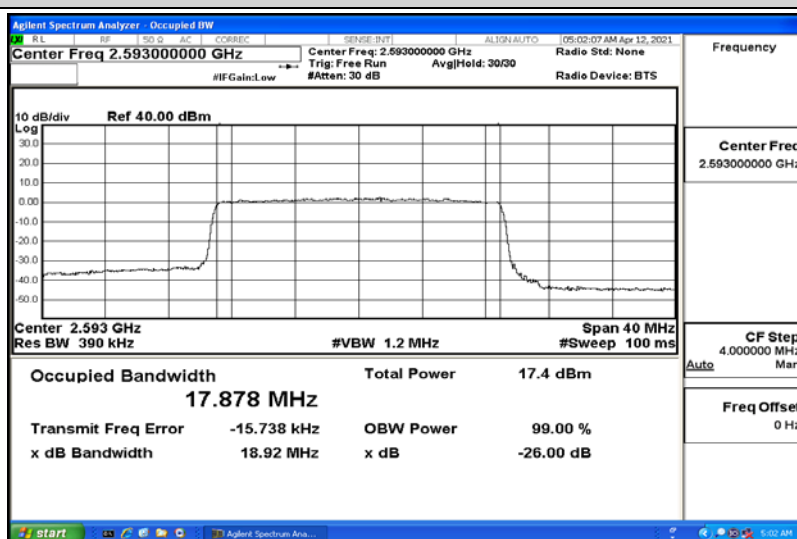
Band41-20MHz-QPSK-41490-100RB#0-17.932



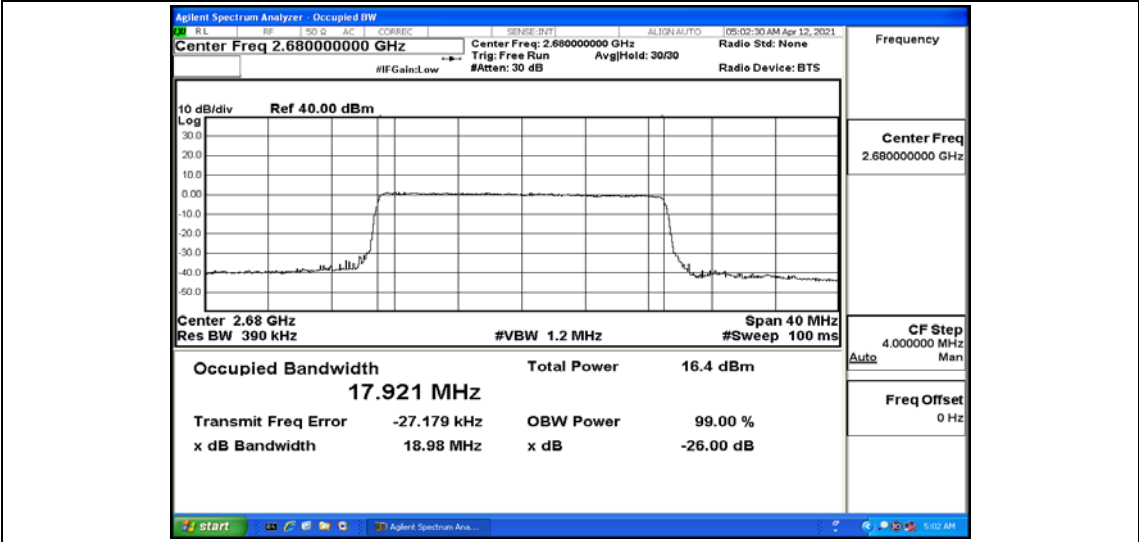
Band41-20MHz-16QAM-39750-100RB#0-17.943



Band41-20MHz-16QAM-40620-100RB#0-17.878



Band41-20MHz-16QAM-41490-100RB#0-17.921

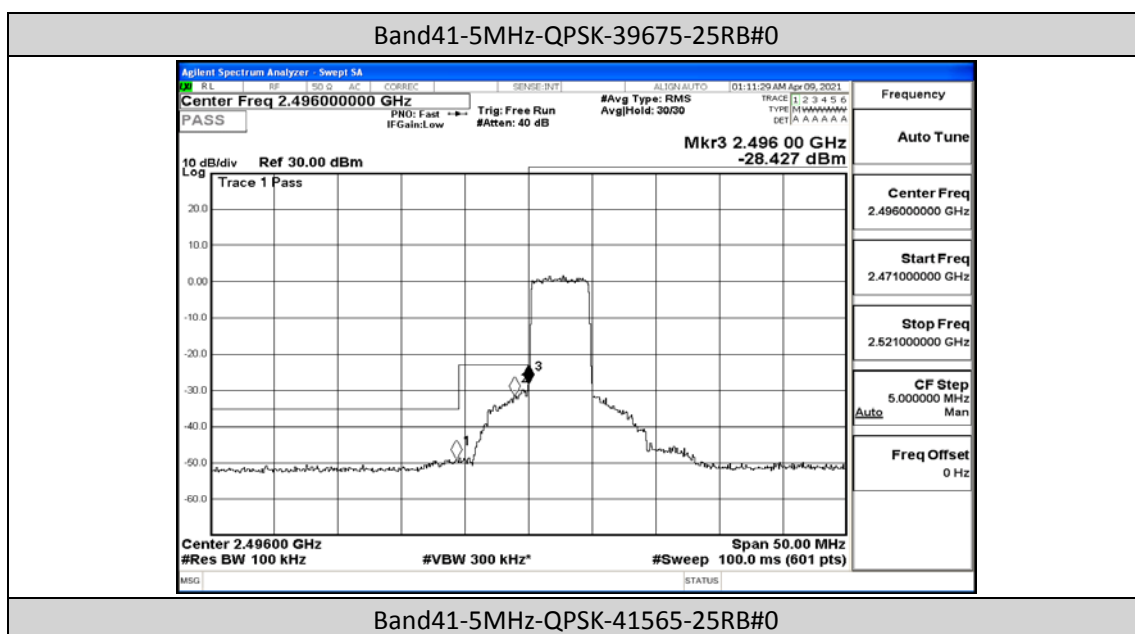


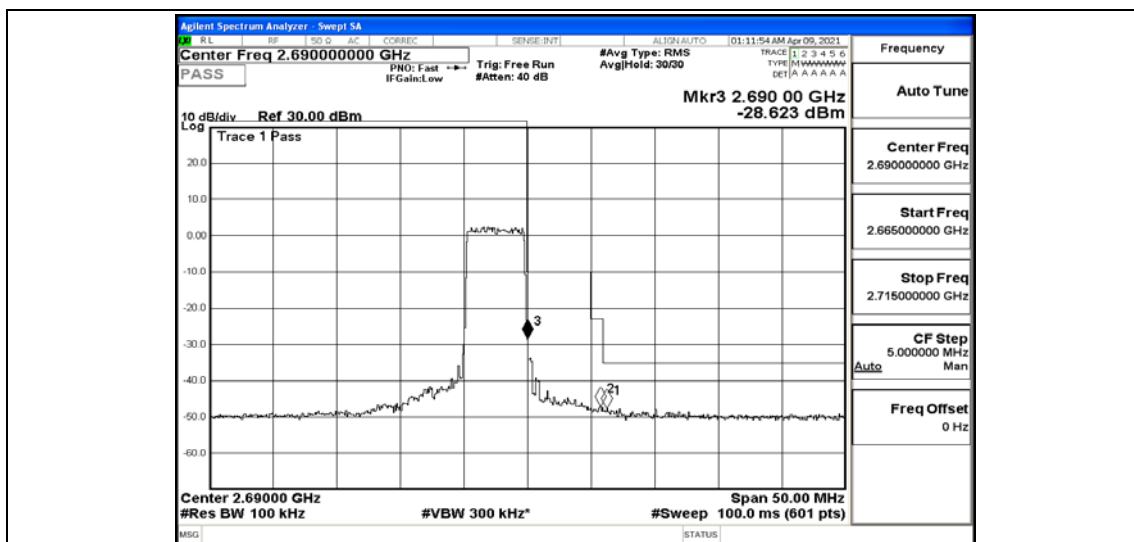
Q.4 Band Edge

Test Result

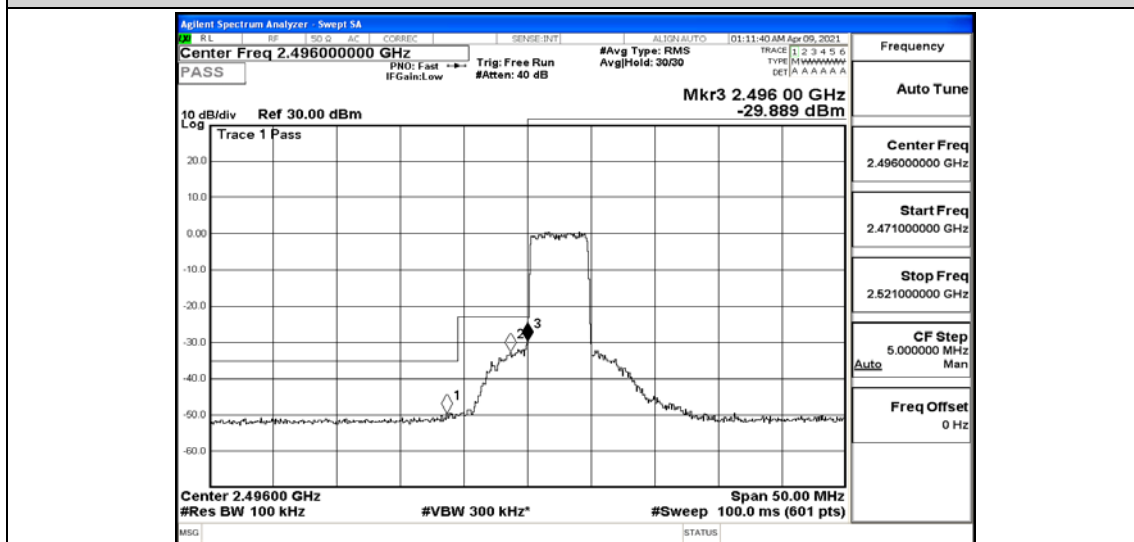
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	-49.09,-31.53,-28.43	PASS
Band41	5MHz	QPSK	41565	25RB#0	-47.67,-47.05,-28.62	PASS
Band41	5MHz	16QAM	39675	25RB#0	-49.51,-32.79,-29.89	PASS
Band41	5MHz	16QAM	41565	25RB#0	-47.85,-46.43,-27.45	PASS
Band41	10MHz	QPSK	39700	50RB#0	-36.00,-32.25,-30.45	PASS
Band41	10MHz	QPSK	41540	50RB#0	-45.55,-41.53,-30.16	PASS
Band41	10MHz	16QAM	39700	50RB#0	-37.63,-32.17,-31.70	PASS
Band41	10MHz	16QAM	41540	50RB#0	-45.89,-42.79,-33.32	PASS
Band41	15MHz	QPSK	39725	75RB#0	-34.36,-31.43,-31.78	PASS
Band41	15MHz	QPSK	41515	75RB#0	-43.53,-39.26,-32.84	PASS
Band41	15MHz	16QAM	39725	75RB#0	-34.58,-31.24,-31.95	PASS
Band41	15MHz	16QAM	41515	75RB#0	-43.71,-39.09,-32.83	PASS
Band41	20MHz	QPSK	39750	100RB#0	-36.55,-34.34,-34.17	PASS
Band41	20MHz	QPSK	41490	100RB#0	-43.60,-38.45,-32.54	PASS
Band41	20MHz	16QAM	39750	100RB#0	-36.26,-34.40,-34.05	PASS
Band41	20MHz	16QAM	41490	100RB#0	-43.63,-39.83,-33.99	PASS

Test Graphs

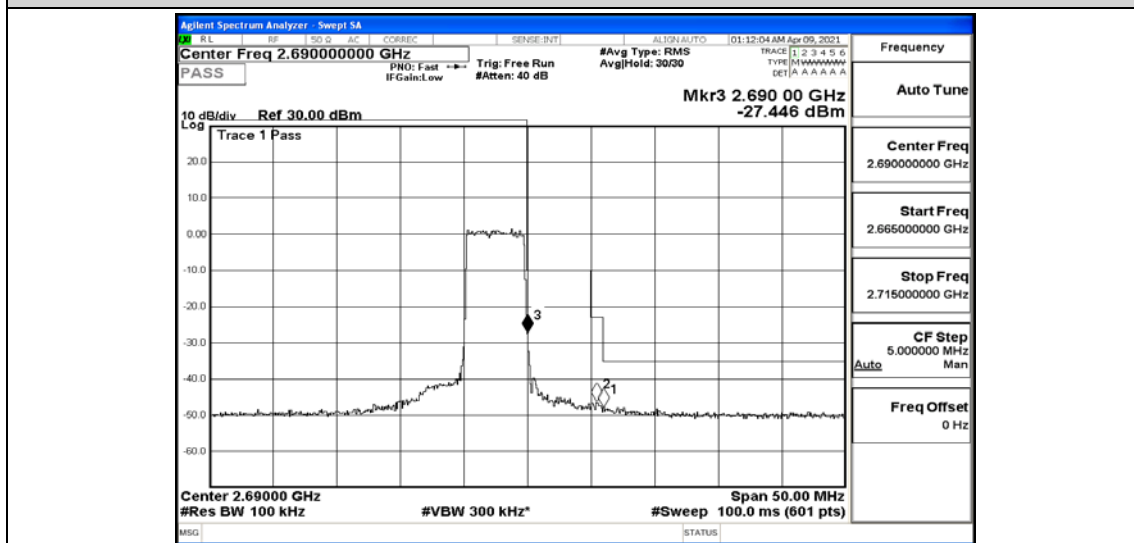




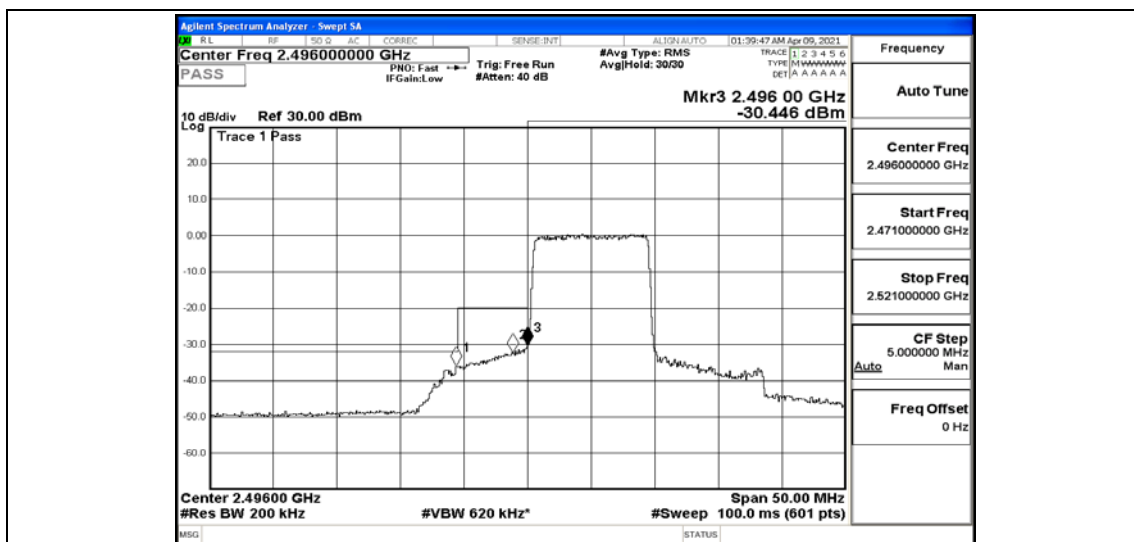
Band41-5MHz-16QAM-39675-25RB#0



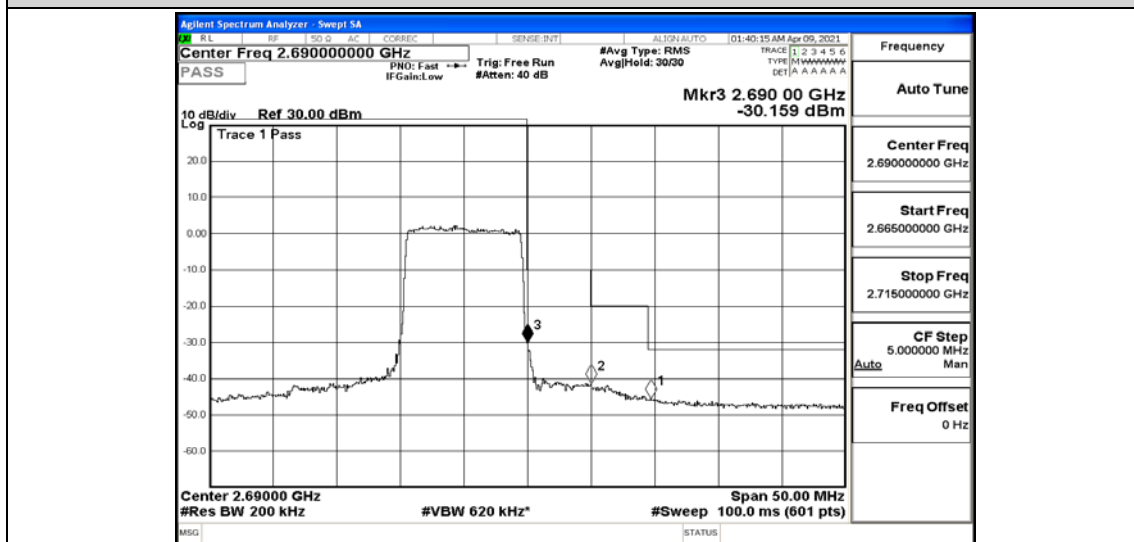
Band41-5MHz-16QAM-41565-25RB#0



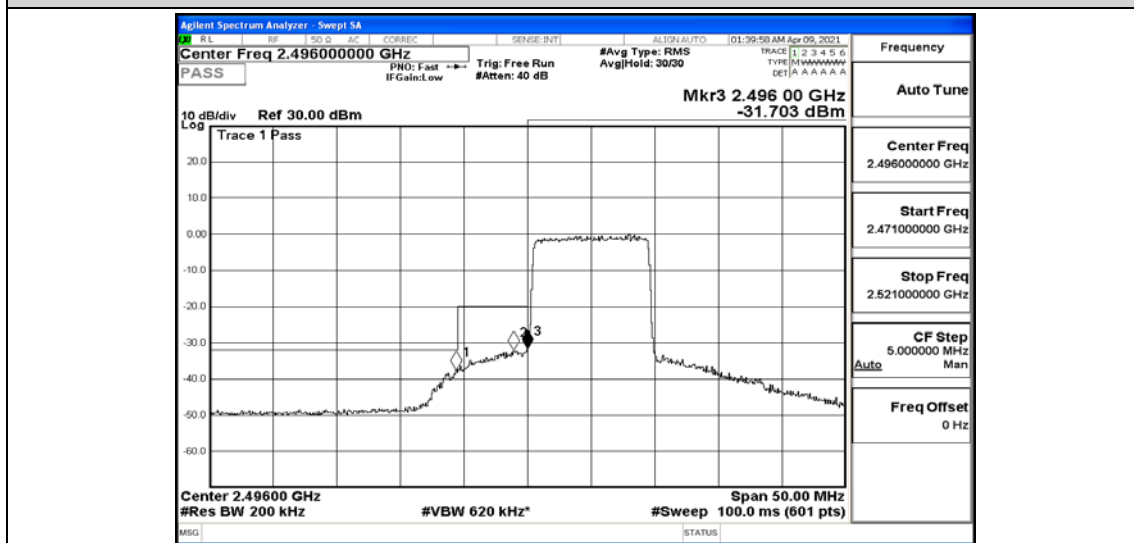
Band41-10MHz-QPSK-39700-50RB#0



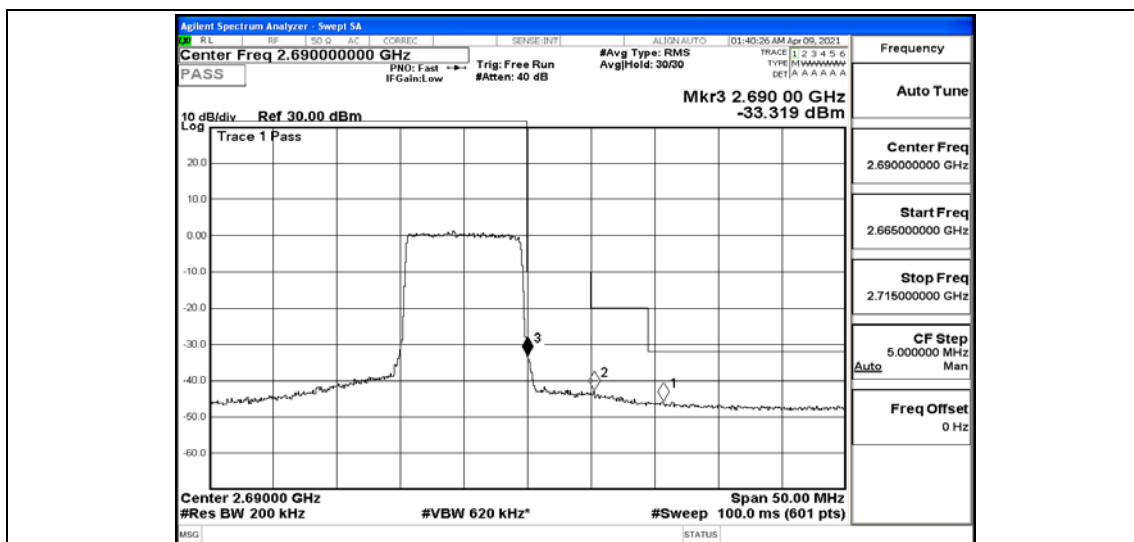
Band41-10MHz-QPSK-41540-50RB#0



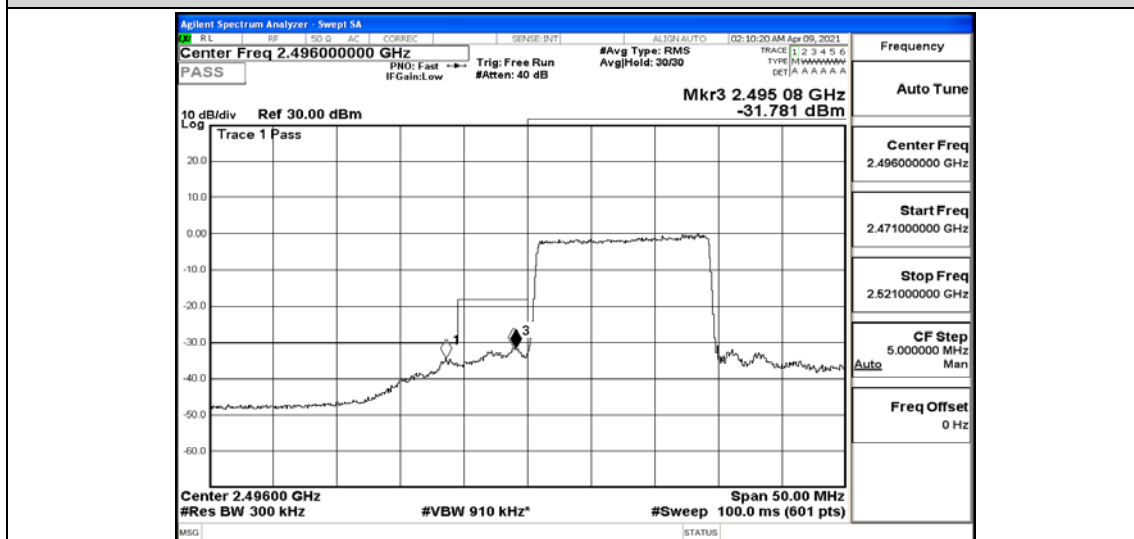
Band41-10MHz-16QAM-39700-50RB#0



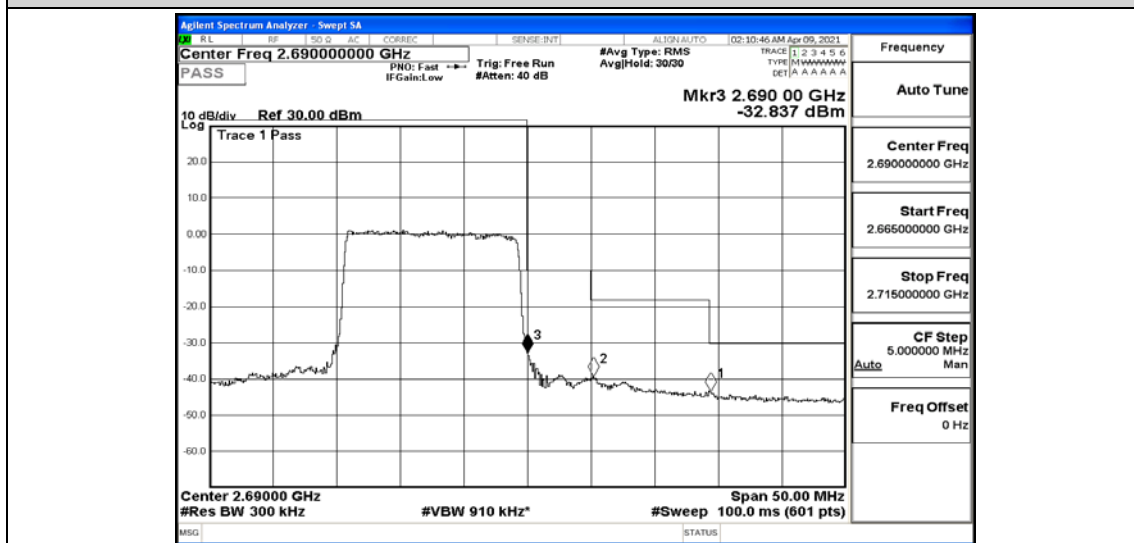
Band41-10MHz-16QAM-41540-50RB#0



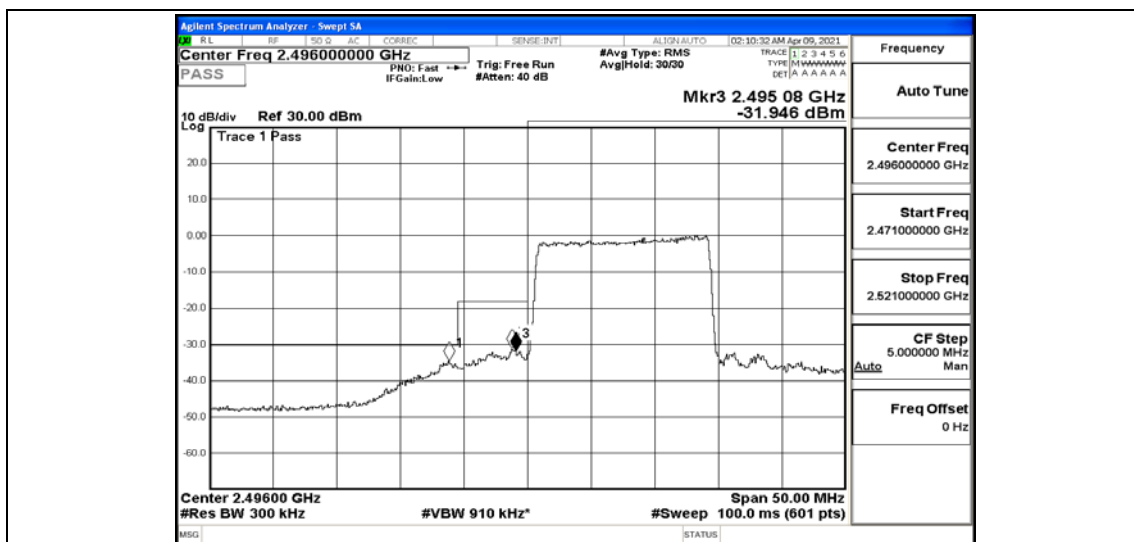
Band41-15MHz-QPSK-39725-75RB#0



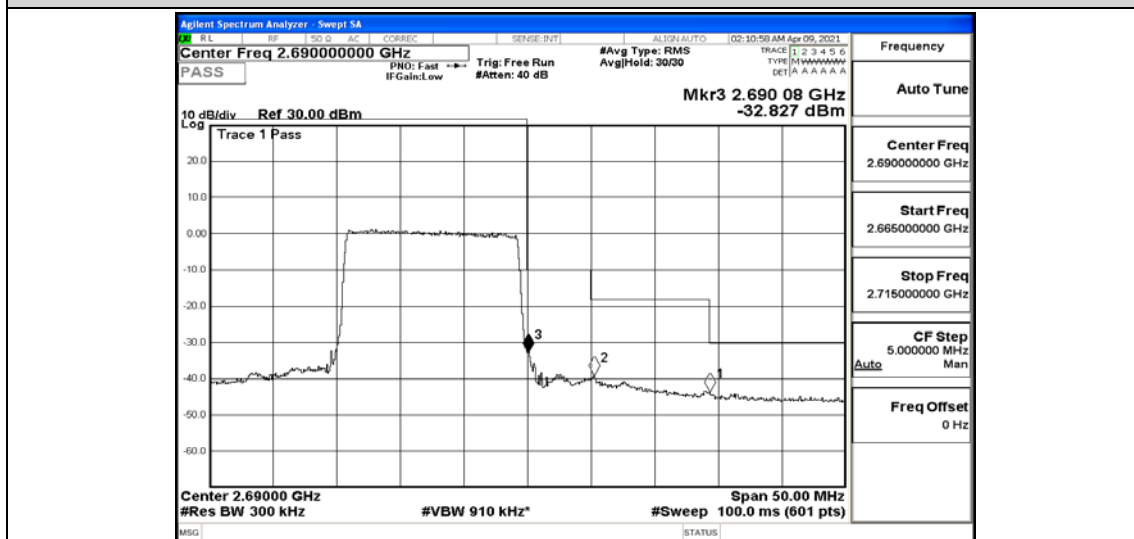
Band41-15MHz-QPSK-41515-75RB#0



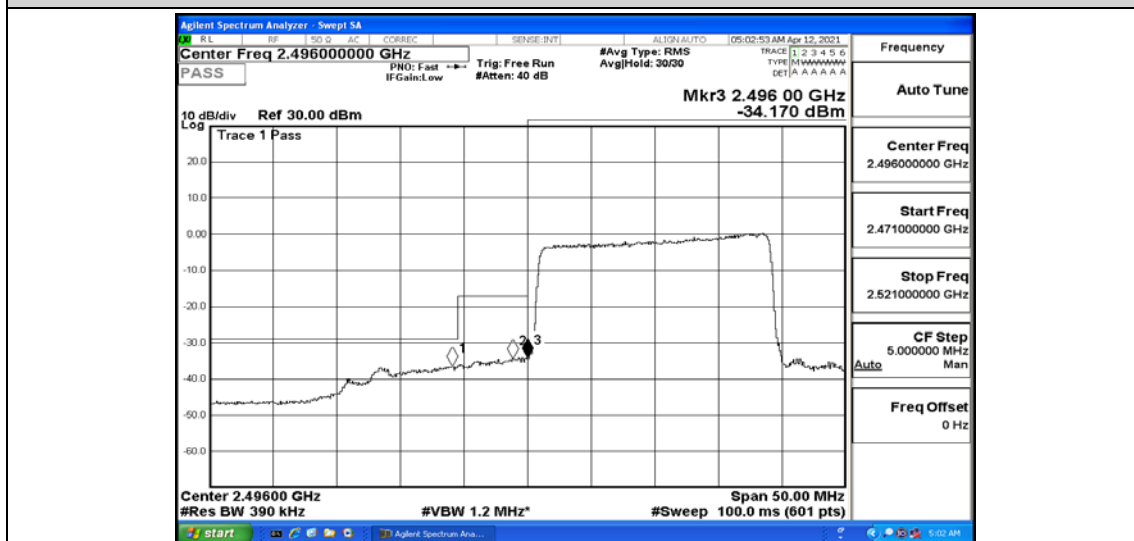
Band41-15MHz-16QAM-39725-75RB#0



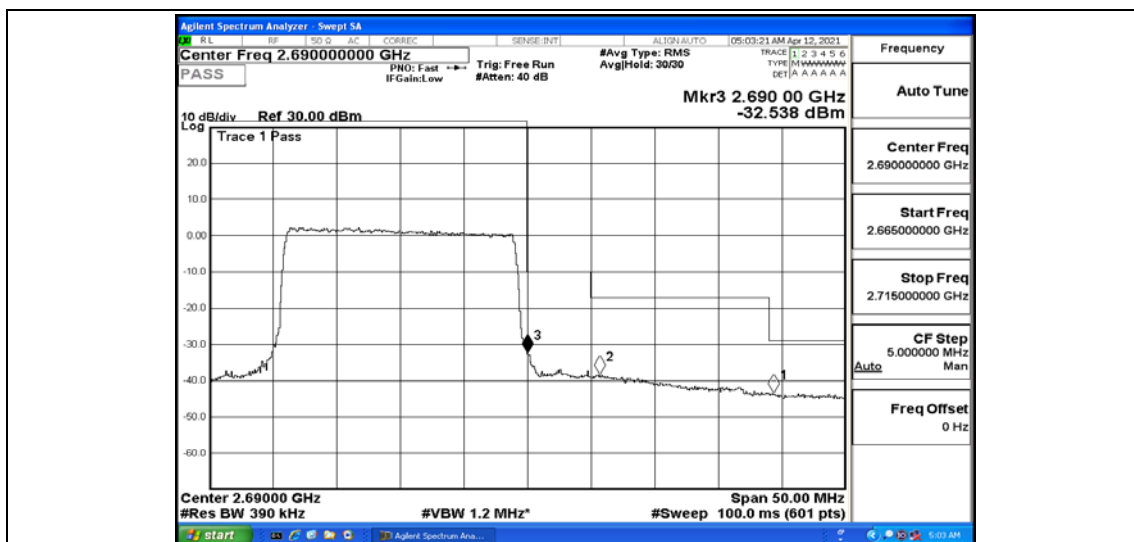
Band41-15MHz-16QAM-41515-75RB#0



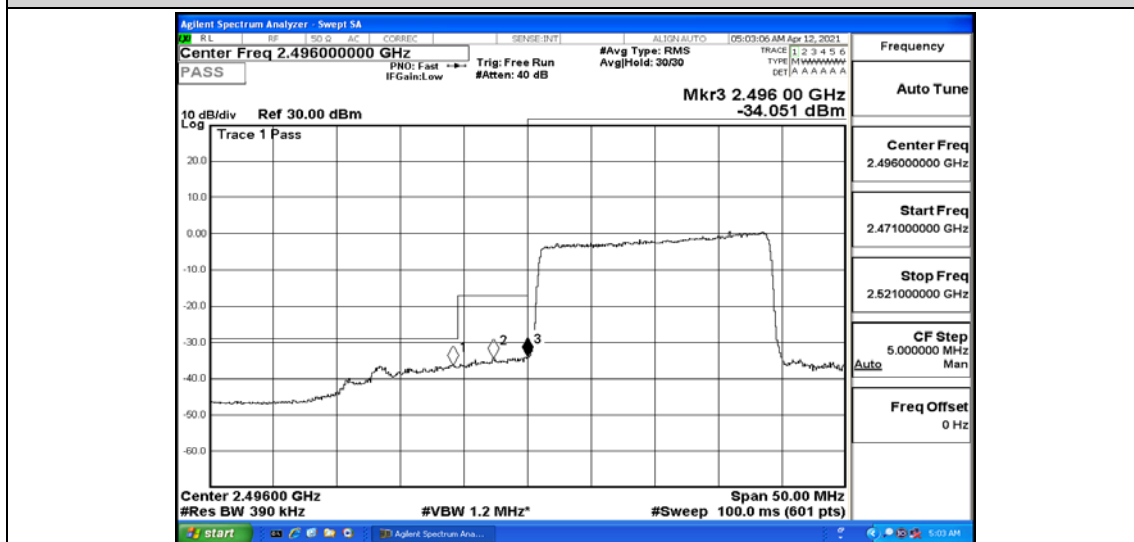
Band41-20MHz-QPSK-39750-100RB#0



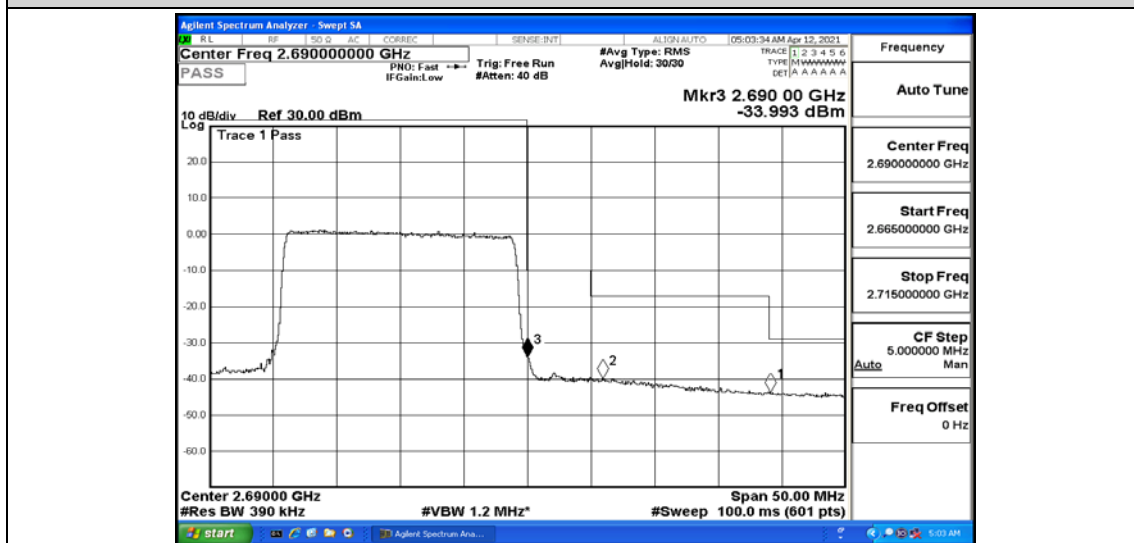
Band41-20MHz-QPSK-41490-100RB#0



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



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



Q.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4 1	5MHz	QPSK	39675	1RB#0	Range1:0.009~0.15MHz	-71.14	PASS
Band4 1	5MHz	QPSK	39675	1RB#0	Range2:0.15~30MHz	-62.28	PASS
Band4 1	5MHz	QPSK	39675	1RB#0	Range3:30~1000MHz	-40.09	PASS
Band4 1	5MHz	QPSK	39675	1RB#0	Range4:1000~5000MHz	-44.1	PASS
Band4 1	5MHz	QPSK	39675	1RB#0	Range5:5000~12000MHz	-54.03	PASS
Band4 1	5MHz	QPSK	39675	1RB#0	Range6:12000~26500MHz	-35.96	PASS
Band4 1	5MHz	QPSK	40620	1RB#0	Range1:0.009~0.15MHz	-73.12	PASS
Band4 1	5MHz	QPSK	40620	1RB#0	Range2:0.15~30MHz	-62.36	PASS
Band4 1	5MHz	QPSK	40620	1RB#0	Range3:30~1000MHz	-40.27	PASS
Band4 1	5MHz	QPSK	40620	1RB#0	Range4:1000~5000MHz	-44.02	PASS
Band4 1	5MHz	QPSK	40620	1RB#0	Range5:5000~12000MHz	-54.05	PASS
Band4 1	5MHz	QPSK	40620	1RB#0	Range6:12000~26500MHz	-35.83	PASS
Band4 1	5MHz	QPSK	41565	1RB#0	Range1:0.009~0.15MHz	-72.41	PASS
Band4 1	5MHz	QPSK	41565	1RB#0	Range2:0.15~30MHz	-63.54	PASS
Band4 1	5MHz	QPSK	41565	1RB#0	Range3:30~1000MHz	-39.5	PASS
Band4 1	5MHz	QPSK	41565	1RB#0	Range4:1000~5000MHz	-43.93	PASS
Band4 1	5MHz	QPSK	41565	1RB#0	Range5:5000~12000MHz	-54	PASS
Band4	5MHz	QPSK	41565	1RB#0	Range6:12000~26500MHz	-36	PASS

1					Hz		
Band4 1	5MHz	16QAM	39675	1RB#0	Range1:0.009~0.15MHz	-71.2	PASS
Band4 1	5MHz	16QAM	39675	1RB#0	Range2:0.15~30MHz	-63.8	PASS
Band4 1	5MHz	16QAM	39675	1RB#0	Range3:30~1000MHz	-39.3 6	PASS
Band4 1	5MHz	16QAM	39675	1RB#0	Range4:1000~5000MHz	-44.0 3	PASS
Band4 1	5MHz	16QAM	39675	1RB#0	Range5:5000~12000M Hz	-53.9 2	PASS
Band4 1	5MHz	16QAM	39675	1RB#0	Range6:12000~26500M Hz	-36.0 3	PASS
Band4 1	5MHz	16QAM	40620	1RB#0	Range1:0.009~0.15MHz	-71.9 3	PASS
Band4 1	5MHz	16QAM	40620	1RB#0	Range2:0.15~30MHz	-61.4 2	PASS
Band4 1	5MHz	16QAM	40620	1RB#0	Range3:30~1000MHz	-40.0 8	PASS
Band4 1	5MHz	16QAM	40620	1RB#0	Range4:1000~5000MHz	-44.0 8	PASS
Band4 1	5MHz	16QAM	40620	1RB#0	Range5:5000~12000M Hz	-53.9 2	PASS
Band4 1	5MHz	16QAM	40620	1RB#0	Range6:12000~26500M Hz	-35.9 2	PASS
Band4 1	5MHz	16QAM	41565	1RB#0	Range1:0.009~0.15MHz	-73.4 1	PASS
Band4 1	5MHz	16QAM	41565	1RB#0	Range2:0.15~30MHz	-64.1 4	PASS
Band4 1	5MHz	16QAM	41565	1RB#0	Range3:30~1000MHz	-40.5 3	PASS
Band4 1	5MHz	16QAM	41565	1RB#0	Range4:1000~5000MHz	-44.0 2	PASS
Band4 1	5MHz	16QAM	41565	1RB#0	Range5:5000~12000M Hz	-54.0 4	PASS
Band4 1	5MHz	16QAM	41565	1RB#0	Range6:12000~26500M Hz	-36.0 2	PASS
Band4 1	10MHz	QPSK	39700	1RB#0	Range1:0.009~0.15MHz	-72.4	PASS
Band4 1	10MHz	QPSK	39700	1RB#0	Range2:0.15~30MHz	-62.4 4	PASS
Band4 1	10MHz	QPSK	39700	1RB#0	Range3:30~1000MHz	-39.0 1	PASS

Band4 1	10MHz	QPSK	39700	1RB#0	Range4:1000~5000MHz	-43.9 3	PASS
Band4 1	10MHz	QPSK	39700	1RB#0	Range5:5000~12000M Hz	-53.8 9	PASS
Band4 1	10MHz	QPSK	39700	1RB#0	Range6:12000~26500M Hz	-36.0 8	PASS
Band4 1	10MHz	QPSK	40620	1RB#0	Range1:0.009~0.15MHz	-72.5 4	PASS
Band4 1	10MHz	QPSK	40620	1RB#0	Range2:0.15~30MHz	-63.3 5	PASS
Band4 1	10MHz	QPSK	40620	1RB#0	Range3:30~1000MHz	-40.0 9	PASS
Band4 1	10MHz	QPSK	40620	1RB#0	Range4:1000~5000MHz	-44.0 7	PASS
Band4 1	10MHz	QPSK	40620	1RB#0	Range5:5000~12000M Hz	-54.1 5	PASS
Band4 1	10MHz	QPSK	40620	1RB#0	Range6:12000~26500M Hz	-36.0 5	PASS
Band4 1	10MHz	QPSK	41540	1RB#0	Range1:0.009~0.15MHz	-73.7 2	PASS
Band4 1	10MHz	QPSK	41540	1RB#0	Range2:0.15~30MHz	-64.2 3	PASS
Band4 1	10MHz	QPSK	41540	1RB#0	Range3:30~1000MHz	-40.7 3	PASS
Band4 1	10MHz	QPSK	41540	1RB#0	Range4:1000~5000MHz	-44.0 7	PASS
Band4 1	10MHz	QPSK	41540	1RB#0	Range5:5000~12000M Hz	-53.7 7	PASS
Band4 1	10MHz	QPSK	41540	1RB#0	Range6:12000~26500M Hz	-36.0 1	PASS
Band4 1	10MHz	16QAM	39700	1RB#0	Range1:0.009~0.15MHz	-73.7 8	PASS
Band4 1	10MHz	16QAM	39700	1RB#0	Range2:0.15~30MHz	-63.1 4	PASS
Band4 1	10MHz	16QAM	39700	1RB#0	Range3:30~1000MHz	-40.2	PASS
Band4 1	10MHz	16QAM	39700	1RB#0	Range4:1000~5000MHz	-44	PASS
Band4 1	10MHz	16QAM	39700	1RB#0	Range5:5000~12000M Hz	-54.1	PASS
Band4 1	10MHz	16QAM	39700	1RB#0	Range6:12000~26500M Hz	-36.0 3	PASS
Band4 1	10MHz	16QAM	40620	1RB#0	Range1:0.009~0.15MHz	-72.2 7	PASS

Band4 1	10MHz	16QAM	40620	1RB#0	Range2:0.15~30MHz	-63.7	PASS
Band4 1	10MHz	16QAM	40620	1RB#0	Range3:30~1000MHz	-40.0 9	PASS
Band4 1	10MHz	16QAM	40620	1RB#0	Range4:1000~5000MHz	-43.8 9	PASS
Band4 1	10MHz	16QAM	40620	1RB#0	Range5:5000~12000M Hz	-54.1 1	PASS
Band4 1	10MHz	16QAM	40620	1RB#0	Range6:12000~26500M Hz	-35.9 8	PASS
Band4 1	10MHz	16QAM	41540	1RB#0	Range1:0.009~0.15MHz	-72.0 6	PASS
Band4 1	10MHz	16QAM	41540	1RB#0	Range2:0.15~30MHz	-62.9 4	PASS
Band4 1	10MHz	16QAM	41540	1RB#0	Range3:30~1000MHz	-39.9	PASS
Band4 1	10MHz	16QAM	41540	1RB#0	Range4:1000~5000MHz	-43.8 2	PASS
Band4 1	10MHz	16QAM	41540	1RB#0	Range5:5000~12000M Hz	-53.9 9	PASS
Band4 1	10MHz	16QAM	41540	1RB#0	Range6:12000~26500M Hz	-35.9 2	PASS
Band4 1	15MHz	QPSK	39725	1RB#0	Range1:0.009~0.15MHz	-71.3 8	PASS
Band4 1	15MHz	QPSK	39725	1RB#0	Range2:0.15~30MHz	-64.5 2	PASS
Band4 1	15MHz	QPSK	39725	1RB#0	Range3:30~1000MHz	-39.6 5	PASS
Band4 1	15MHz	QPSK	39725	1RB#0	Range4:1000~5000MHz	-44.1 2	PASS
Band4 1	15MHz	QPSK	39725	1RB#0	Range5:5000~12000M Hz	-54.0 1	PASS
Band4 1	15MHz	QPSK	39725	1RB#0	Range6:12000~26500M Hz	-36.0 3	PASS
Band4 1	15MHz	QPSK	40620	1RB#0	Range1:0.009~0.15MHz	-73.2 1	PASS
Band4 1	15MHz	QPSK	40620	1RB#0	Range2:0.15~30MHz	-63.0 5	PASS
Band4 1	15MHz	QPSK	40620	1RB#0	Range3:30~1000MHz	-39.9 6	PASS
Band4 1	15MHz	QPSK	40620	1RB#0	Range4:1000~5000MHz	-44.0 2	PASS
Band4 1	15MHz	QPSK	40620	1RB#0	Range5:5000~12000M Hz	-54	PASS

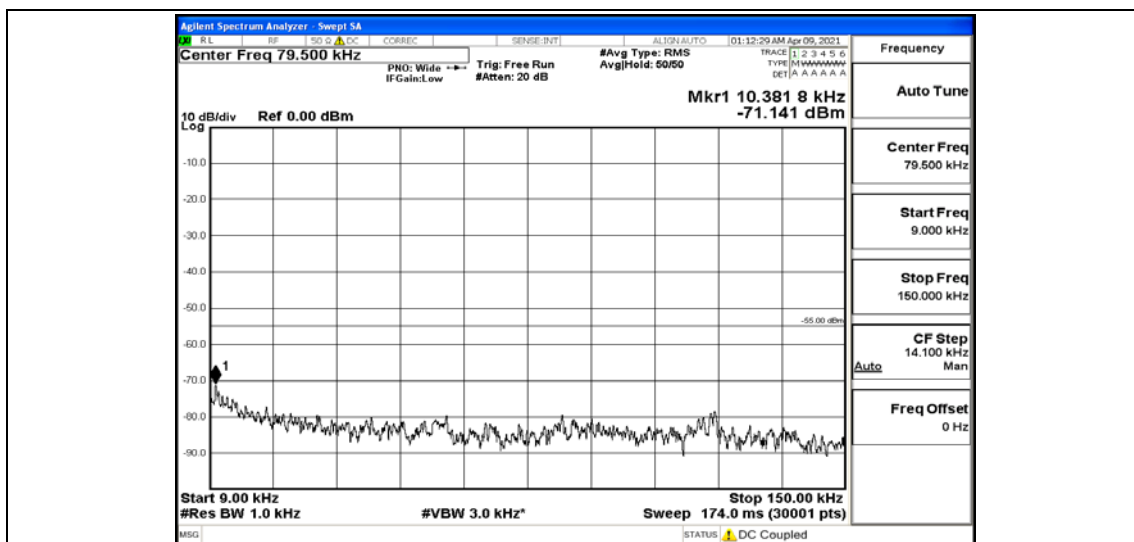
Band4 1	15MHz	QPSK	40620	1RB#0	Range6:12000~26500M Hz	-36.0 2	PASS
Band4 1	15MHz	QPSK	41515	1RB#0	Range1:0.009~0.15MHz	-73.5 4	PASS
Band4 1	15MHz	QPSK	41515	1RB#0	Range2:0.15~30MHz	-63.8 4	PASS
Band4 1	15MHz	QPSK	41515	1RB#0	Range3:30~1000MHz	-39.3 5	PASS
Band4 1	15MHz	QPSK	41515	1RB#0	Range4:1000~5000MHz	-43.9 5	PASS
Band4 1	15MHz	QPSK	41515	1RB#0	Range5:5000~12000M Hz	-54.1 3	PASS
Band4 1	15MHz	QPSK	41515	1RB#0	Range6:12000~26500M Hz	-36.0 7	PASS
Band4 1	15MHz	16QAM	39725	1RB#0	Range1:0.009~0.15MHz	-73.1 7	PASS
Band4 1	15MHz	16QAM	39725	1RB#0	Range2:0.15~30MHz	-62.3 5	PASS
Band4 1	15MHz	16QAM	39725	1RB#0	Range3:30~1000MHz	-39.9 7	PASS
Band4 1	15MHz	16QAM	39725	1RB#0	Range4:1000~5000MHz	-43.9 9	PASS
Band4 1	15MHz	16QAM	39725	1RB#0	Range5:5000~12000M Hz	-53.9 6	PASS
Band4 1	15MHz	16QAM	39725	1RB#0	Range6:12000~26500M Hz	-35.8 1	PASS
Band4 1	15MHz	16QAM	40620	1RB#0	Range1:0.009~0.15MHz	-72.3 7	PASS
Band4 1	15MHz	16QAM	40620	1RB#0	Range2:0.15~30MHz	-63.0 9	PASS
Band4 1	15MHz	16QAM	40620	1RB#0	Range3:30~1000MHz	-40.7 6	PASS
Band4 1	15MHz	16QAM	40620	1RB#0	Range4:1000~5000MHz	-44.1 2	PASS
Band4 1	15MHz	16QAM	40620	1RB#0	Range5:5000~12000M Hz	-54.0 9	PASS
Band4 1	15MHz	16QAM	40620	1RB#0	Range6:12000~26500M Hz	-35.9 6	PASS
Band4 1	15MHz	16QAM	41515	1RB#0	Range1:0.009~0.15MHz	-72.5 3	PASS
Band4 1	15MHz	16QAM	41515	1RB#0	Range2:0.15~30MHz	-62.7 8	PASS
Band4 1	15MHz	16QAM	41515	1RB#0	Range3:30~1000MHz	-40.1 9	PASS

Band4 1	15MHz	16QAM	41515	1RB#0	Range4:1000~5000MHz	-43.9 5	PASS
Band4 1	15MHz	16QAM	41515	1RB#0	Range5:5000~12000M Hz	-54.0 1	PASS
Band4 1	15MHz	16QAM	41515	1RB#0	Range6:12000~26500M Hz	-35.7 8	PASS
Band4 1	20MHz	QPSK	39750	1RB#0	Range1:0.009~0.15MHz	-73.4 4	PASS
Band4 1	20MHz	QPSK	39750	1RB#0	Range2:0.15~30MHz	-63.9 5	PASS
Band4 1	20MHz	QPSK	39750	1RB#0	Range3:30~1000MHz	-41.0 3	PASS
Band4 1	20MHz	QPSK	39750	1RB#0	Range4:1000~5000MHz	-44.0 1	PASS
Band4 1	20MHz	QPSK	39750	1RB#0	Range5:5000~12000M Hz	-53.8 7	PASS
Band4 1	20MHz	QPSK	39750	1RB#0	Range6:12000~26500M Hz	-36.0 2	PASS
Band4 1	20MHz	QPSK	40620	1RB#0	Range1:0.009~0.15MHz	-71.9 3	PASS
Band4 1	20MHz	QPSK	40620	1RB#0	Range2:0.15~30MHz	-64.3	PASS
Band4 1	20MHz	QPSK	40620	1RB#0	Range3:30~1000MHz	-40.0 8	PASS
Band4 1	20MHz	QPSK	40620	1RB#0	Range4:1000~5000MHz	-43.9 4	PASS
Band4 1	20MHz	QPSK	40620	1RB#0	Range5:5000~12000M Hz	-53.9 7	PASS
Band4 1	20MHz	QPSK	40620	1RB#0	Range6:12000~26500M Hz	-35.6 1	PASS
Band4 1	20MHz	QPSK	41490	1RB#0	Range1:0.009~0.15MHz	-71.7 9	PASS
Band4 1	20MHz	QPSK	41490	1RB#0	Range2:0.15~30MHz	-63.4 6	PASS
Band4 1	20MHz	QPSK	41490	1RB#0	Range3:30~1000MHz	-41.1 9	PASS
Band4 1	20MHz	QPSK	41490	1RB#0	Range4:1000~5000MHz	-44	PASS
Band4 1	20MHz	QPSK	41490	1RB#0	Range5:5000~12000M Hz	-53.8 6	PASS
Band4 1	20MHz	QPSK	41490	1RB#0	Range6:12000~26500M Hz	-35.8	PASS
Band4 1	20MHz	16QAM	39750	1RB#0	Range1:0.009~0.15MHz	-74.7 2	PASS

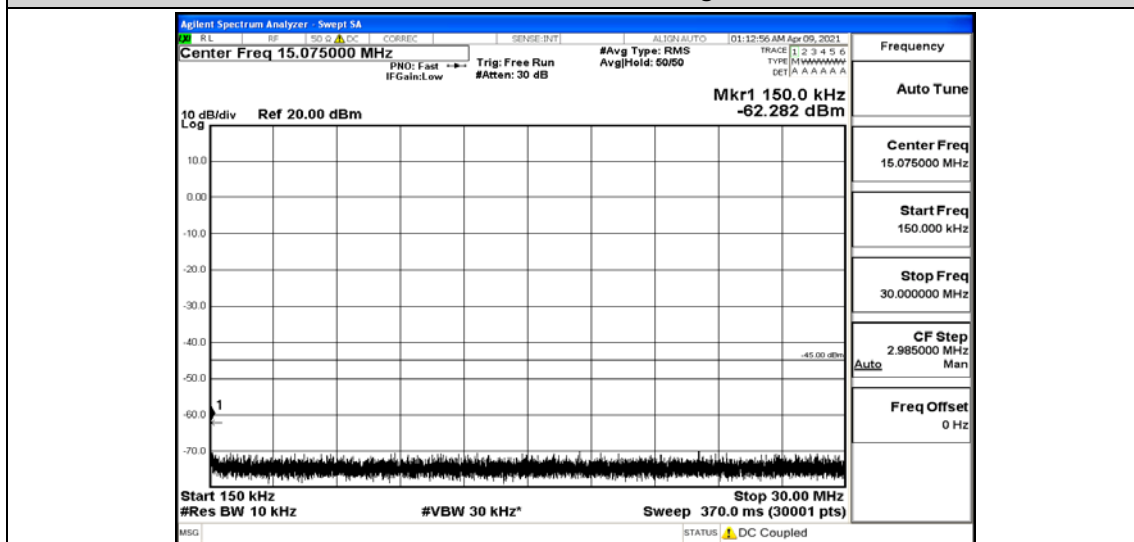
Band4 1	20MHz	16QAM	39750	1RB#0	Range2:0.15~30MHz	-64.2 2	PASS
Band4 1	20MHz	16QAM	39750	1RB#0	Range3:30~1000MHz	-40.3 6	PASS
Band4 1	20MHz	16QAM	39750	1RB#0	Range4:1000~5000MHz	-43.6 7	PASS
Band4 1	20MHz	16QAM	39750	1RB#0	Range5:5000~12000M Hz	-53.9 5	PASS
Band4 1	20MHz	16QAM	39750	1RB#0	Range6:12000~26500M Hz	-35.9 2	PASS
Band4 1	20MHz	16QAM	40620	1RB#0	Range1:0.009~0.15MHz	-73.4 7	PASS
Band4 1	20MHz	16QAM	40620	1RB#0	Range2:0.15~30MHz	-63.8 5	PASS
Band4 1	20MHz	16QAM	40620	1RB#0	Range3:30~1000MHz	-41.2 1	PASS
Band4 1	20MHz	16QAM	40620	1RB#0	Range4:1000~5000MHz	-43.7 2	PASS
Band4 1	20MHz	16QAM	40620	1RB#0	Range5:5000~12000M Hz	-53.8 5	PASS
Band4 1	20MHz	16QAM	40620	1RB#0	Range6:12000~26500M Hz	-35.8 4	PASS
Band4 1	20MHz	16QAM	41490	1RB#0	Range1:0.009~0.15MHz	-73.8 2	PASS
Band4 1	20MHz	16QAM	41490	1RB#0	Range2:0.15~30MHz	-61.4 7	PASS
Band4 1	20MHz	16QAM	41490	1RB#0	Range3:30~1000MHz	-40.9 1	PASS
Band4 1	20MHz	16QAM	41490	1RB#0	Range4:1000~5000MHz	-43.8 5	PASS
Band4 1	20MHz	16QAM	41490	1RB#0	Range5:5000~12000M Hz	-53.7 4	PASS
Band4 1	20MHz	16QAM	41490	1RB#0	Range6:12000~26500M Hz	-35.7 5	PASS

Test Graphs

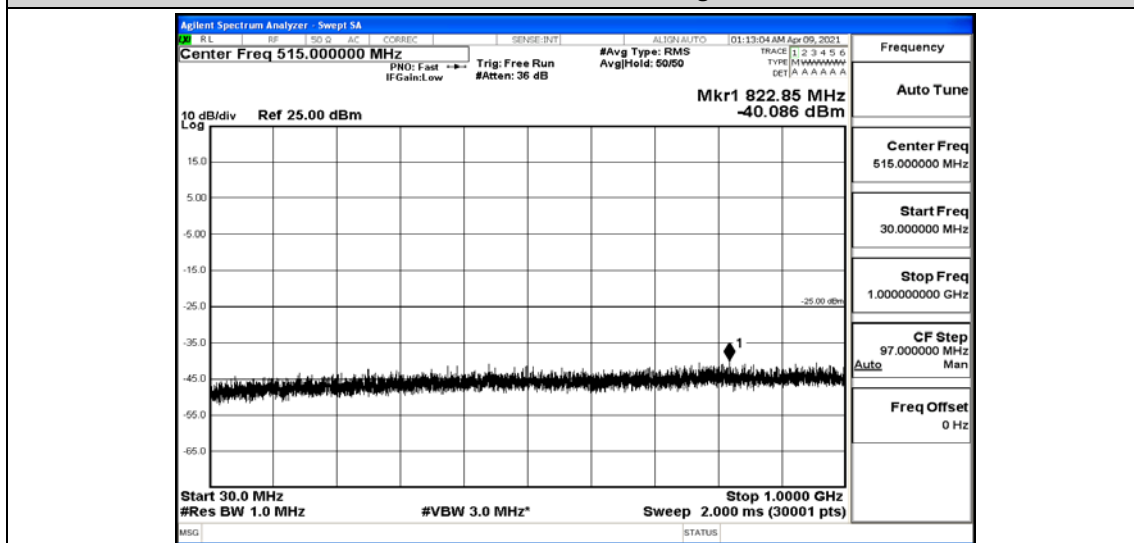
Band41-5MHz-QPSK-39675-1RB#0-Range1:0.009~0.15MHz



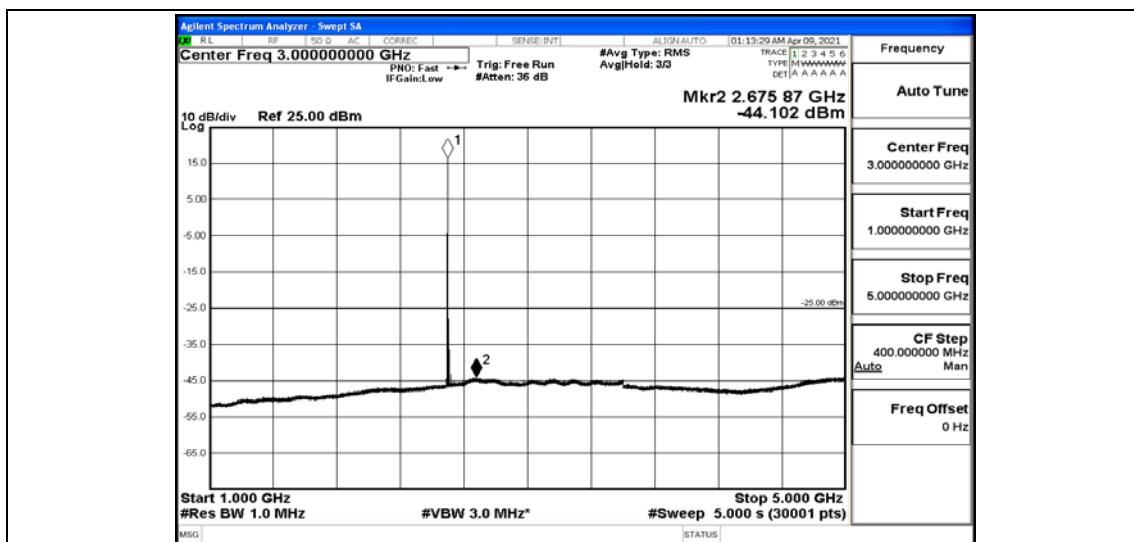
Band41-5MHz-QPSK-39675-1RB#0-Range2:0.15~30MHz



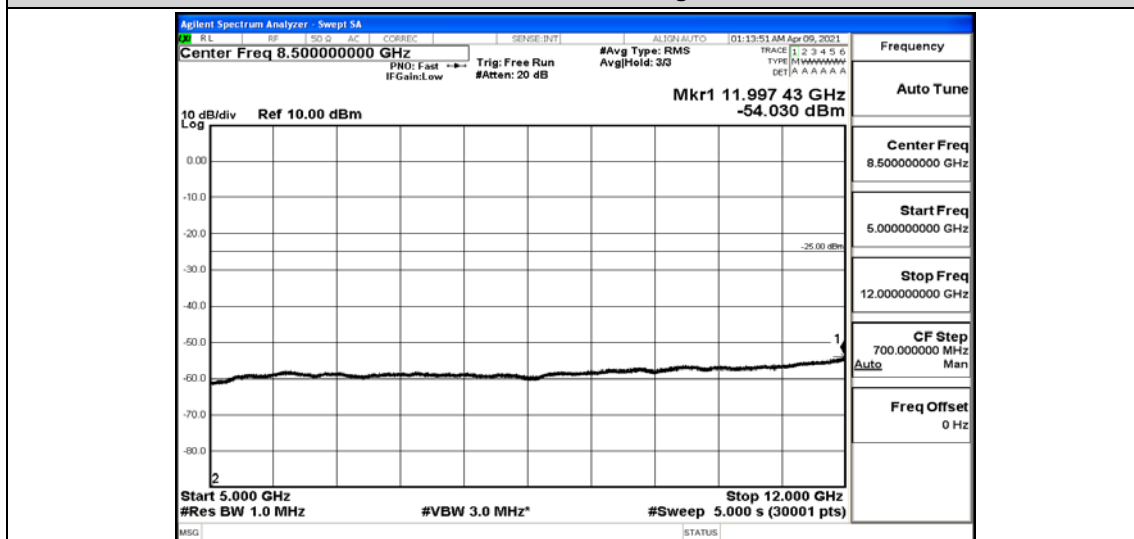
Band41-5MHz-QPSK-39675-1RB#0-Range3:30~1000MHz



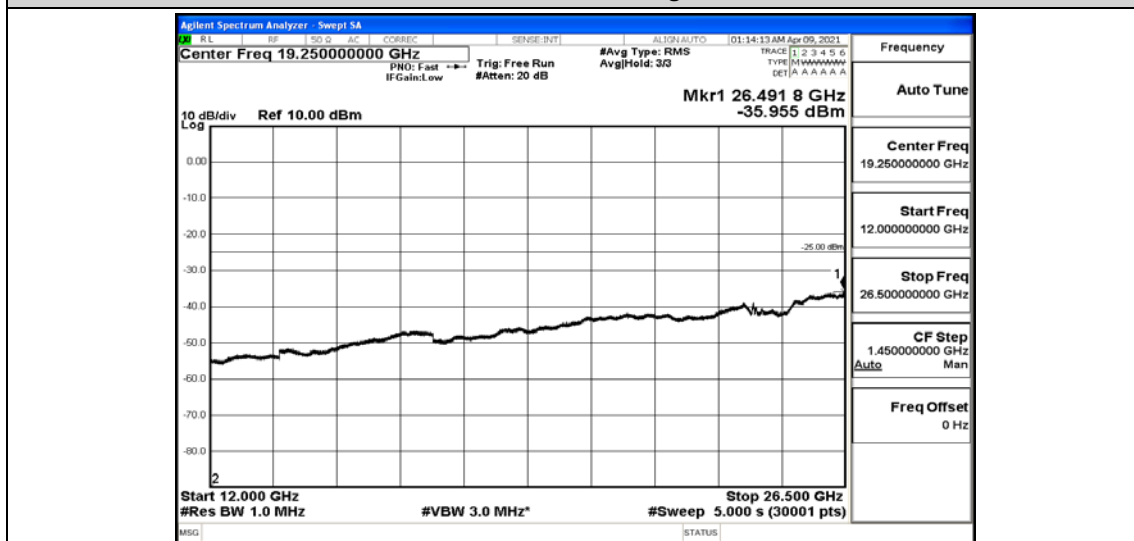
Band41-5MHz-QPSK-39675-1RB#0-Range4:1000~5000MHz



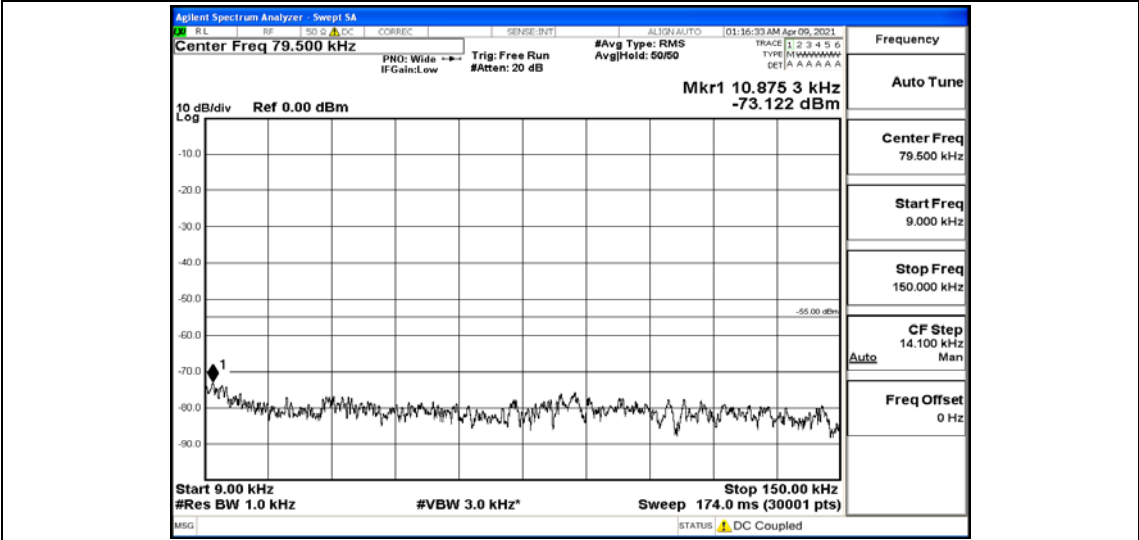
Band41-5MHz-QPSK-39675-1RB#0-Range5:5000~12000MHz



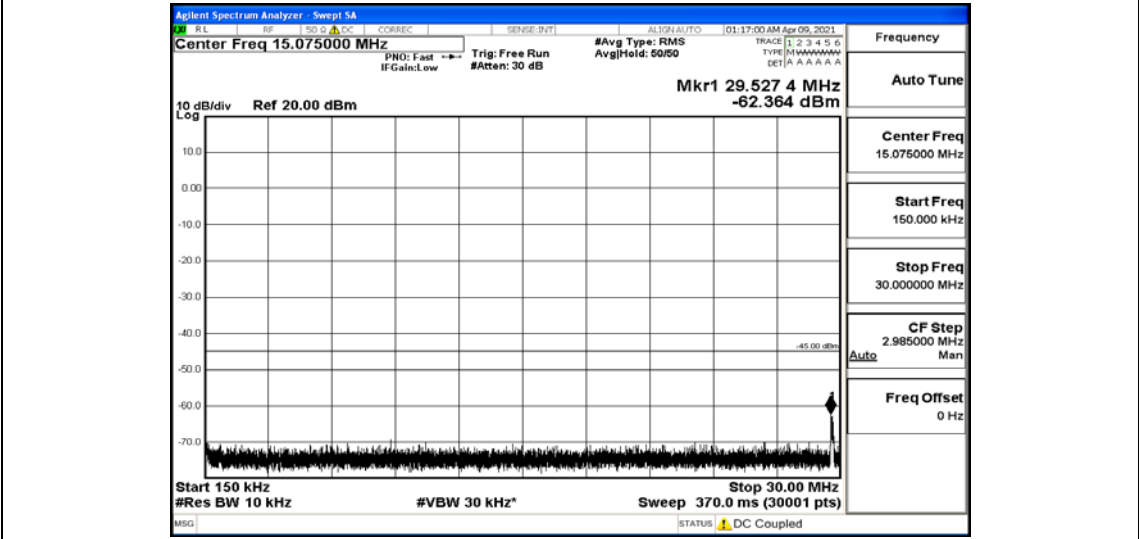
Band41-5MHz-QPSK-39675-1RB#0-Range6:12000~26500MHz



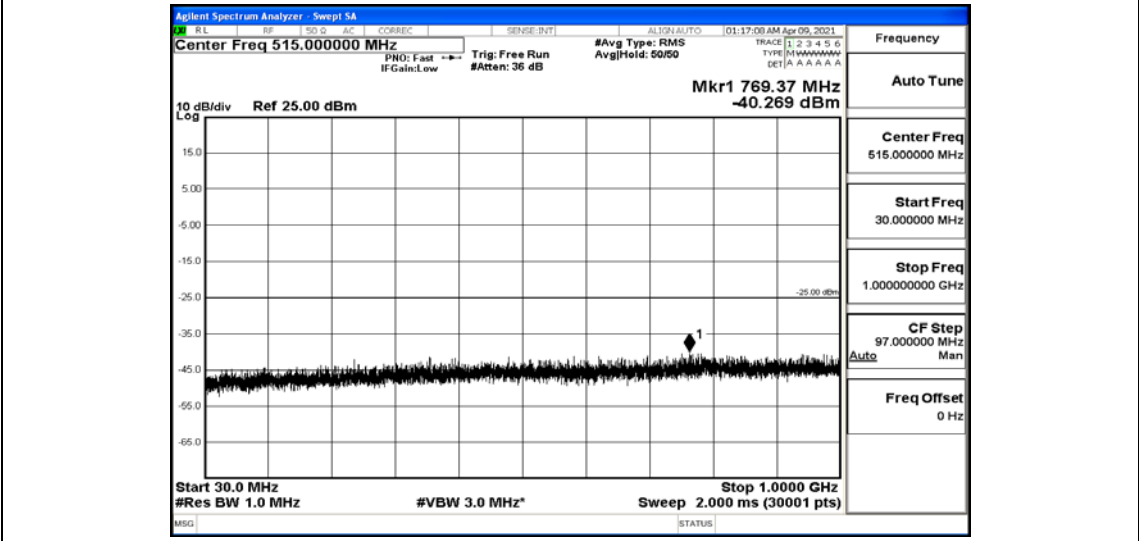
Band41-5MHz-QPSK-40620-1RB#0-Range1:0.009~0.15MHz



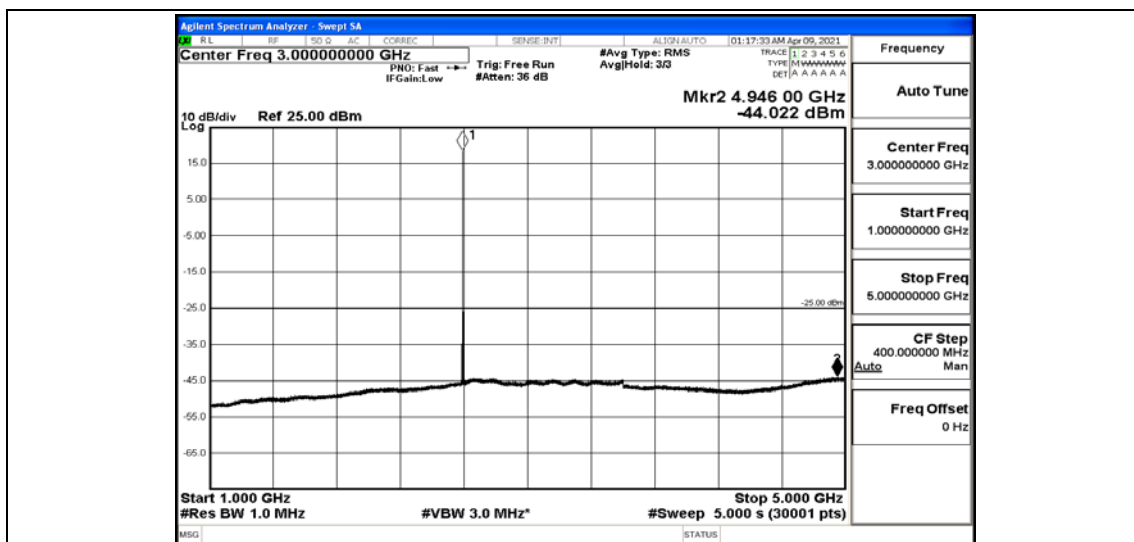
Band41-5MHz-QPSK-40620-1RB#0-Range2:0.15~30MHz



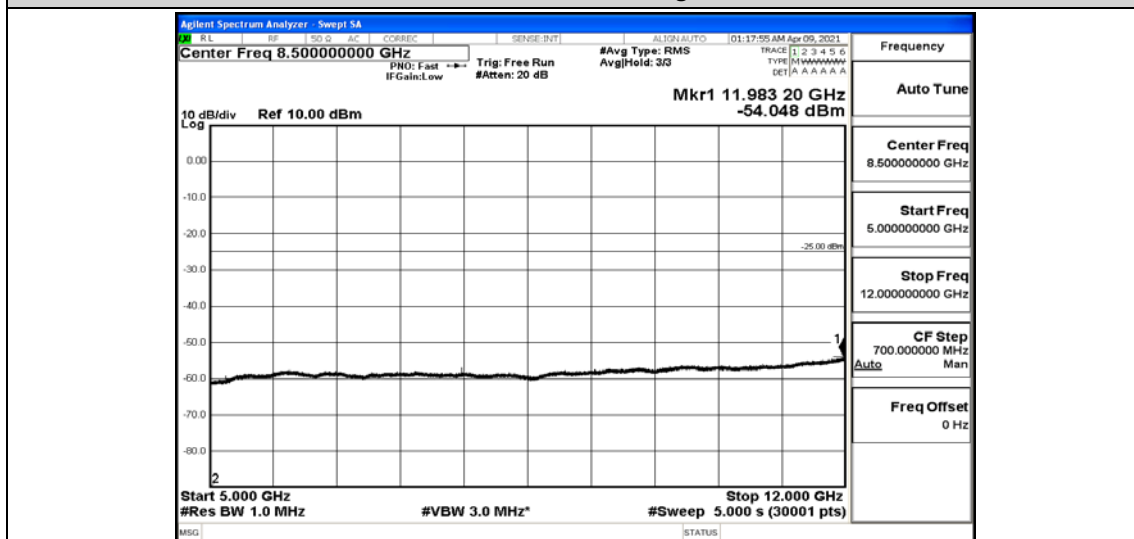
Band41-5MHz-QPSK-40620-1RB#0-Range3:30~1000MHz



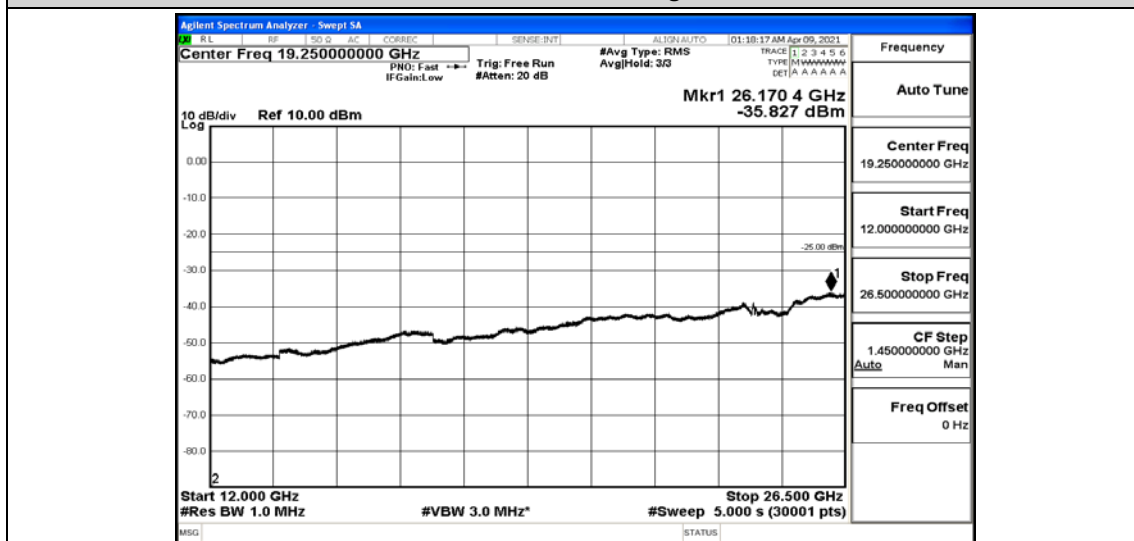
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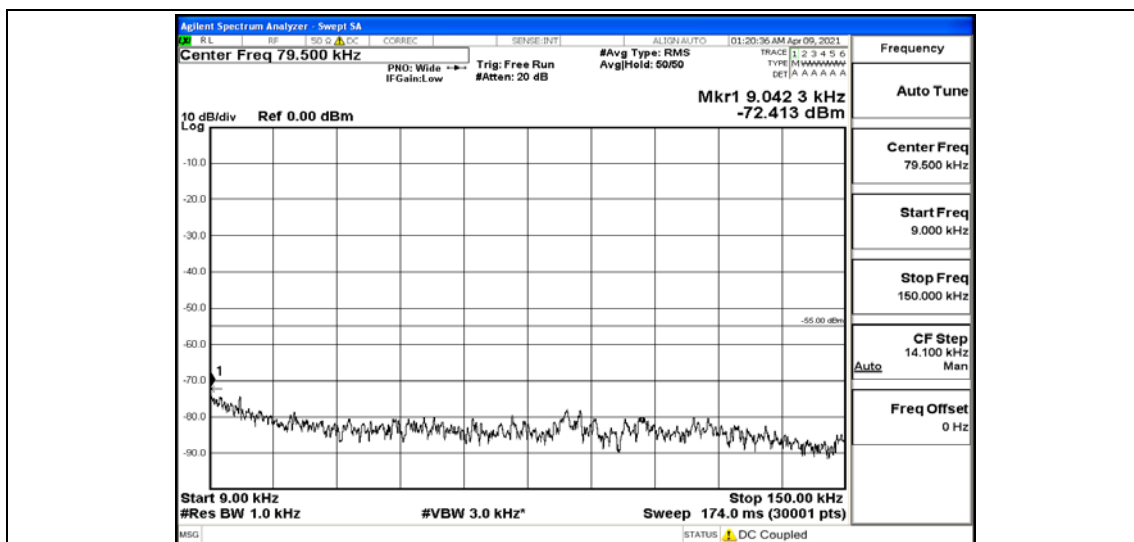
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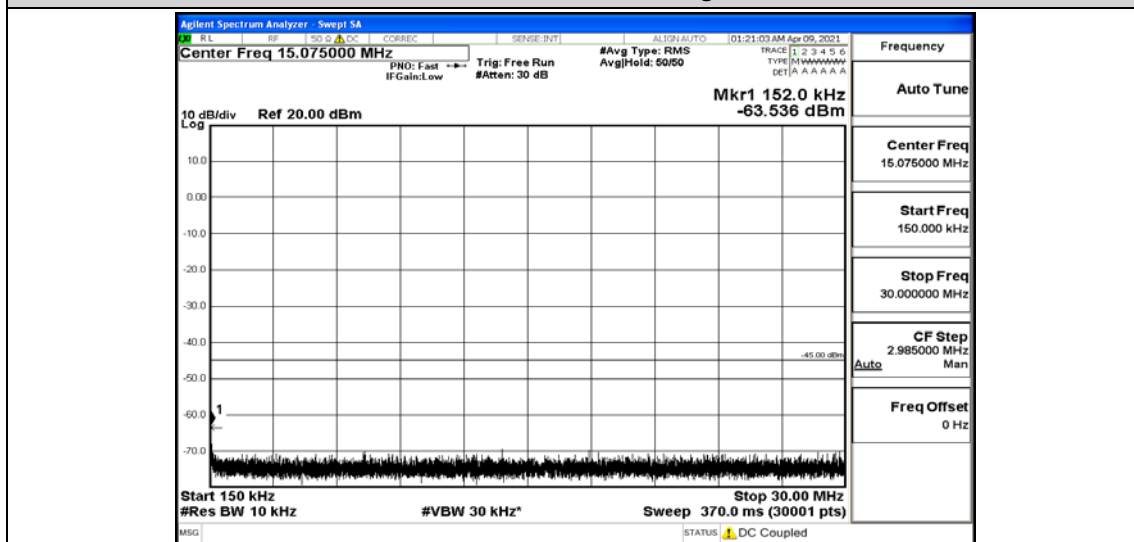
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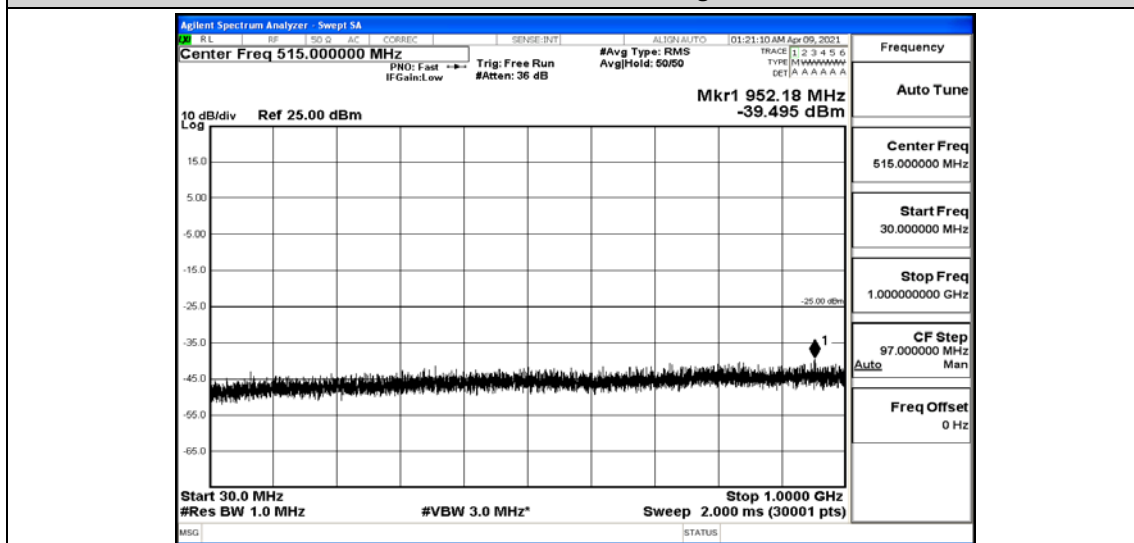
Band41-5MHz-QPSK-41565-1RB#0-Range1:0.009~0.15MHz



Band41-5MHz-QPSK-41565-1RB#0-Range2:0.15~30MHz



Band41-5MHz-QPSK-41565-1RB#0-Range3:30~1000MHz



Band41-5MHz-QPSK-41565-1RB#0-Range4:1000~5000MHz