

Appendix O: Test Data for E-UTRA Band 41

Product Name: mobile phone

Trade Mark: Purism

Test Model: Librem 5

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	53.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	LI HUAN

O.1 Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	24.53	PASS
Band41	5MHz	QPSK	39675	1RB#12	24.55	PASS
Band41	5MHz	QPSK	39675	1RB#24	24.40	PASS
Band41	5MHz	QPSK	39675	12RB#0	23.53	PASS
Band41	5MHz	QPSK	39675	12RB#6	23.52	PASS
Band41	5MHz	QPSK	39675	12RB#13	23.59	PASS
Band41	5MHz	QPSK	39675	25RB#0	23.61	PASS
Band41	5MHz	QPSK	40620	1RB#0	24.91	PASS
Band41	5MHz	QPSK	40620	1RB#24	24.61	PASS
Band41	5MHz	QPSK	40620	1RB#12	24.95	PASS
Band41	5MHz	QPSK	40620	12RB#0	24.03	PASS
Band41	5MHz	QPSK	40620	12RB#6	24.12	PASS
Band41	5MHz	QPSK	40620	12RB#13	23.88	PASS
Band41	5MHz	QPSK	40620	25RB#0	24.03	PASS
Band41	5MHz	QPSK	41565	1RB#24	25.45	PASS
Band41	5MHz	QPSK	41565	1RB#0	25.52	PASS
Band41	5MHz	QPSK	41565	1RB#12	25.61	PASS
Band41	5MHz	QPSK	41565	12RB#0	24.55	PASS
Band41	5MHz	QPSK	41565	12RB#6	24.49	PASS
Band41	5MHz	QPSK	41565	12RB#13	24.42	PASS
Band41	5MHz	QPSK	41565	25RB#0	24.46	PASS
Band41	5MHz	16QAM	39675	1RB#0	23.14	PASS
Band41	5MHz	16QAM	39675	1RB#12	23.17	PASS
Band41	5MHz	16QAM	39675	1RB#24	23.14	PASS
Band41	5MHz	16QAM	39675	12RB#6	22.60	PASS
Band41	5MHz	16QAM	39675	12RB#0	22.52	PASS
Band41	5MHz	16QAM	39675	12RB#13	22.49	PASS
Band41	5MHz	16QAM	39675	25RB#0	22.63	PASS
Band41	5MHz	16QAM	40620	1RB#0	23.82	PASS
Band41	5MHz	16QAM	40620	1RB#12	23.46	PASS
Band41	5MHz	16QAM	40620	1RB#24	23.14	PASS
Band41	5MHz	16QAM	40620	12RB#13	22.77	PASS
Band41	5MHz	16QAM	40620	12RB#0	23.03	PASS

Band41	5MHz	16QAM	40620	12RB#6	23.02	PASS
Band41	5MHz	16QAM	40620	25RB#0	23.06	PASS
Band41	5MHz	16QAM	41565	1RB#12	24.35	PASS
Band41	5MHz	16QAM	41565	1RB#0	24.31	PASS
Band41	5MHz	16QAM	41565	1RB#24	24.36	PASS
Band41	5MHz	16QAM	41565	12RB#0	23.53	PASS
Band41	5MHz	16QAM	41565	12RB#6	23.41	PASS
Band41	5MHz	16QAM	41565	12RB#13	23.35	PASS
Band41	5MHz	16QAM	41565	25RB#0	23.49	PASS
Band41	10MHz	QPSK	39700	1RB#24	24.61	PASS
Band41	10MHz	QPSK	39700	1RB#49	24.53	PASS
Band41	10MHz	QPSK	39700	1RB#0	24.65	PASS
Band41	10MHz	QPSK	39700	25RB#0	23.65	PASS
Band41	10MHz	QPSK	39700	25RB#12	23.65	PASS
Band41	10MHz	QPSK	39700	25RB#25	23.57	PASS
Band41	10MHz	QPSK	39700	50RB#0	23.66	PASS
Band41	10MHz	QPSK	40620	1RB#0	25.25	PASS
Band41	10MHz	QPSK	40620	1RB#49	24.47	PASS
Band41	10MHz	QPSK	40620	1RB#24	25.01	PASS
Band41	10MHz	QPSK	40620	25RB#25	23.87	PASS
Band41	10MHz	QPSK	40620	25RB#0	24.27	PASS
Band41	10MHz	QPSK	40620	25RB#12	24.27	PASS
Band41	10MHz	QPSK	40620	50RB#0	24.12	PASS
Band41	10MHz	QPSK	41540	1RB#24	25.61	PASS
Band41	10MHz	QPSK	41540	1RB#0	25.57	PASS
Band41	10MHz	QPSK	41540	1RB#49	25.49	PASS
Band41	10MHz	QPSK	41540	25RB#0	24.75	PASS
Band41	10MHz	QPSK	41540	25RB#25	24.64	PASS
Band41	10MHz	QPSK	41540	25RB#12	24.82	PASS
Band41	10MHz	QPSK	41540	50RB#0	24.80	PASS
Band41	10MHz	16QAM	39700	1RB#49	23.29	PASS
Band41	10MHz	16QAM	39700	1RB#0	23.60	PASS
Band41	10MHz	16QAM	39700	1RB#24	23.48	PASS
Band41	10MHz	16QAM	39700	25RB#25	22.57	PASS
Band41	10MHz	16QAM	39700	25RB#12	22.63	PASS
Band41	10MHz	16QAM	39700	25RB#0	22.64	PASS
Band41	10MHz	16QAM	39700	50RB#0	22.66	PASS
Band41	10MHz	16QAM	40620	1RB#49	23.80	PASS

Band41	10MHz	16QAM	40620	1RB#0	24.53	PASS
Band41	10MHz	16QAM	40620	1RB#24	24.49	PASS
Band41	10MHz	16QAM	40620	25RB#25	23.04	PASS
Band41	10MHz	16QAM	40620	25RB#0	23.31	PASS
Band41	10MHz	16QAM	40620	25RB#12	23.31	PASS
Band41	10MHz	16QAM	40620	50RB#0	23.05	PASS
Band41	10MHz	16QAM	41540	1RB#24	25.15	PASS
Band41	10MHz	16QAM	41540	1RB#0	25.02	PASS
Band41	10MHz	16QAM	41540	1RB#49	24.52	PASS
Band41	10MHz	16QAM	41540	25RB#0	23.89	PASS
Band41	10MHz	16QAM	41540	25RB#12	23.83	PASS
Band41	10MHz	16QAM	41540	25RB#25	23.82	PASS
Band41	10MHz	16QAM	41540	50RB#0	23.79	PASS
Band41	15MHz	QPSK	39725	1RB#0	24.43	PASS
Band41	15MHz	QPSK	39725	1RB#38	24.40	PASS
Band41	15MHz	QPSK	39725	1RB#74	24.62	PASS
Band41	15MHz	QPSK	39725	38RB#0	23.21	PASS
Band41	15MHz	QPSK	39725	38RB#18	23.29	PASS
Band41	15MHz	QPSK	39725	38RB#37	23.34	PASS
Band41	15MHz	QPSK	39725	75RB#0	23.55	PASS
Band41	15MHz	QPSK	40620	1RB#0	25.17	PASS
Band41	15MHz	QPSK	40620	1RB#74	24.17	PASS
Band41	15MHz	QPSK	40620	1RB#38	24.93	PASS
Band41	15MHz	QPSK	40620	38RB#0	24.87	PASS
Band41	15MHz	QPSK	40620	38RB#18	24.36	PASS
Band41	15MHz	QPSK	40620	38RB#37	23.72	PASS
Band41	15MHz	QPSK	40620	75RB#0	24.14	PASS
Band41	15MHz	QPSK	41515	1RB#74	25.38	PASS
Band41	15MHz	QPSK	41515	1RB#0	25.67	PASS
Band41	15MHz	QPSK	41515	1RB#38	25.63	PASS
Band41	15MHz	QPSK	41515	38RB#0	24.72	PASS
Band41	15MHz	QPSK	41515	38RB#18	24.56	PASS
Band41	15MHz	QPSK	41515	38RB#37	24.16	PASS
Band41	15MHz	QPSK	41515	75RB#0	24.87	PASS
Band41	15MHz	16QAM	39725	1RB#0	23.26	PASS
Band41	15MHz	16QAM	39725	1RB#38	23.44	PASS
Band41	15MHz	16QAM	39725	1RB#74	23.37	PASS
Band41	15MHz	16QAM	39725	38RB#18	23.29	PASS

Band41	15MHz	16QAM	39725	38RB#0	23.21	PASS
Band41	15MHz	16QAM	39725	38RB#37	23.42	PASS
Band41	15MHz	16QAM	39725	75RB#0	22.54	PASS
Band41	15MHz	16QAM	40620	1RB#0	24.55	PASS
Band41	15MHz	16QAM	40620	1RB#38	24.12	PASS
Band41	15MHz	16QAM	40620	1RB#74	23.48	PASS
Band41	15MHz	16QAM	40620	38RB#37	23.71	PASS
Band41	15MHz	16QAM	40620	38RB#0	24.87	PASS
Band41	15MHz	16QAM	40620	38RB#18	24.34	PASS
Band41	15MHz	16QAM	40620	75RB#0	23.18	PASS
Band41	15MHz	16QAM	41515	1RB#38	24.51	PASS
Band41	15MHz	16QAM	41515	1RB#0	24.53	PASS
Band41	15MHz	16QAM	41515	1RB#74	24.19	PASS
Band41	15MHz	16QAM	41515	38RB#0	24.73	PASS
Band41	15MHz	16QAM	41515	38RB#18	24.35	PASS
Band41	15MHz	16QAM	41515	38RB#37	24.14	PASS
Band41	15MHz	16QAM	41515	75RB#0	23.90	PASS
Band41	20MHz	QPSK	39750	1RB#99	24.68	PASS
Band41	20MHz	QPSK	39750	1RB#49	24.61	PASS
Band41	20MHz	QPSK	39750	1RB#0	24.41	PASS
Band41	20MHz	QPSK	39750	50RB#0	23.69	PASS
Band41	20MHz	QPSK	39750	50RB#25	23.68	PASS
Band41	20MHz	QPSK	39750	50RB#50	23.72	PASS
Band41	20MHz	QPSK	39750	100RB#0	23.78	PASS
Band41	20MHz	QPSK	40620	1RB#0	25.52	PASS
Band41	20MHz	QPSK	40620	1RB#99	24.25	PASS
Band41	20MHz	QPSK	40620	1RB#49	25.40	PASS
Band41	20MHz	QPSK	40620	50RB#50	23.79	PASS
Band41	20MHz	QPSK	40620	50RB#0	24.45	PASS
Band41	20MHz	QPSK	40620	50RB#25	24.44	PASS
Band41	20MHz	QPSK	40620	100RB#0	24.07	PASS
PASS	PASS	PASS	PASS	PASS	PASS	PASS
Band41	20MHz	QPSK	41490	1RB#0	25.67	PASS
Band41	20MHz	QPSK	41490	1RB#99	25.53	PASS
Band41	20MHz	QPSK	41490	50RB#0	24.97	PASS
Band41	20MHz	QPSK	41490	50RB#50	24.78	PASS
Band41	20MHz	QPSK	41490	50RB#25	24.97	PASS
Band41	20MHz	QPSK	41490	100RB#0	24.96	PASS

Band41	20MHz	16QAM	39750	1RB#99	24.05	PASS
Band41	20MHz	16QAM	39750	1RB#0	23.70	PASS
Band41	20MHz	16QAM	39750	1RB#49	24.22	PASS
Band41	20MHz	16QAM	39750	50RB#50	22.73	PASS
Band41	20MHz	16QAM	39750	50RB#25	22.68	PASS
Band41	20MHz	16QAM	39750	50RB#0	22.69	PASS
Band41	20MHz	16QAM	39750	100RB#0	22.79	PASS
Band41	20MHz	16QAM	40620	1RB#99	23.61	PASS
Band41	20MHz	16QAM	40620	1RB#0	25.03	PASS
Band41	20MHz	16QAM	40620	1RB#49	24.80	PASS
Band41	20MHz	16QAM	40620	50RB#50	22.63	PASS
Band41	20MHz	16QAM	40620	50RB#0	23.49	PASS
Band41	20MHz	16QAM	40620	50RB#25	23.39	PASS
Band41	20MHz	16QAM	40620	100RB#0	23.19	PASS
Band41	20MHz	16QAM	41490	1RB#49	25.42	PASS
Band41	20MHz	16QAM	41490	1RB#0	25.17	PASS
Band41	20MHz	16QAM	41490	1RB#99	24.50	PASS
Band41	20MHz	16QAM	41490	50RB#0	24.05	PASS
Band41	20MHz	16QAM	41490	50RB#25	24.01	PASS
Band41	20MHz	16QAM	41490	50RB#50	23.83	PASS
Band41	20MHz	16QAM	41490	100RB#0	24.00	PASS

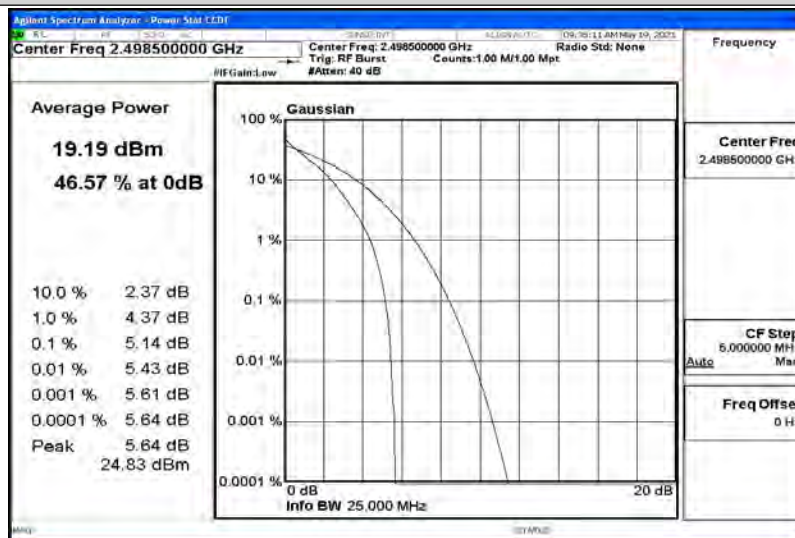
O.2 Peak-to-Average Ratio(CCDF)

Test Result

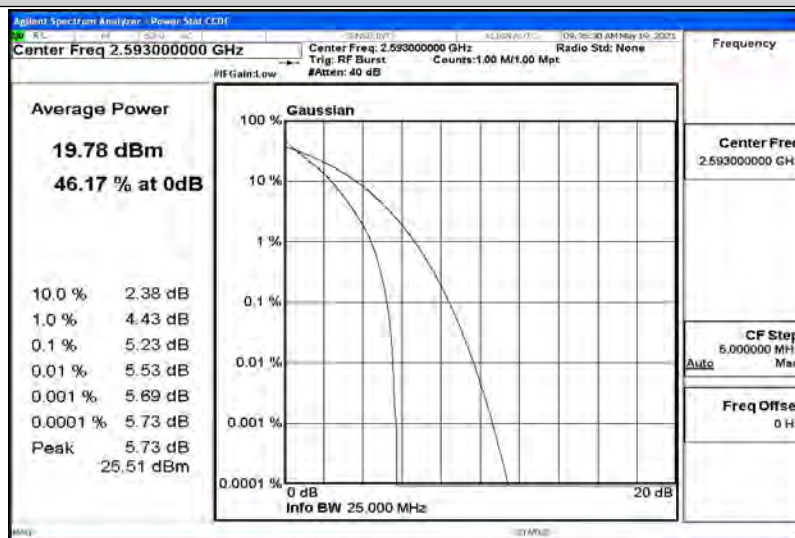
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	5.14	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.23	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.17	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	5.95	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.02	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	5.98	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.09	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.15	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	5.11	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	5.96	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.03	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	5.95	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	6.03	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	6.02	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	6.03	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	6.03	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	6.23	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	6.03	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.17	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.98	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	5.98	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	5.98	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	5.96	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	5.96	13	PASS

Test Graphs

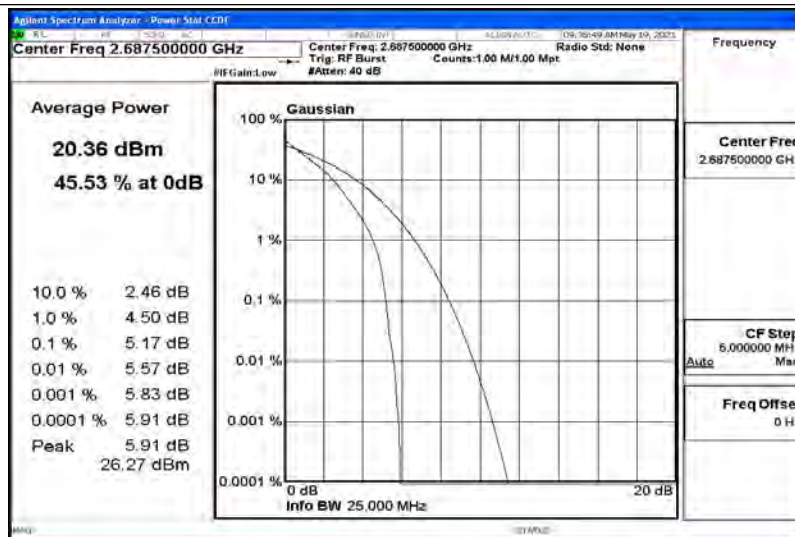
Band41-5MHz-QPSK-39675-25RB#0



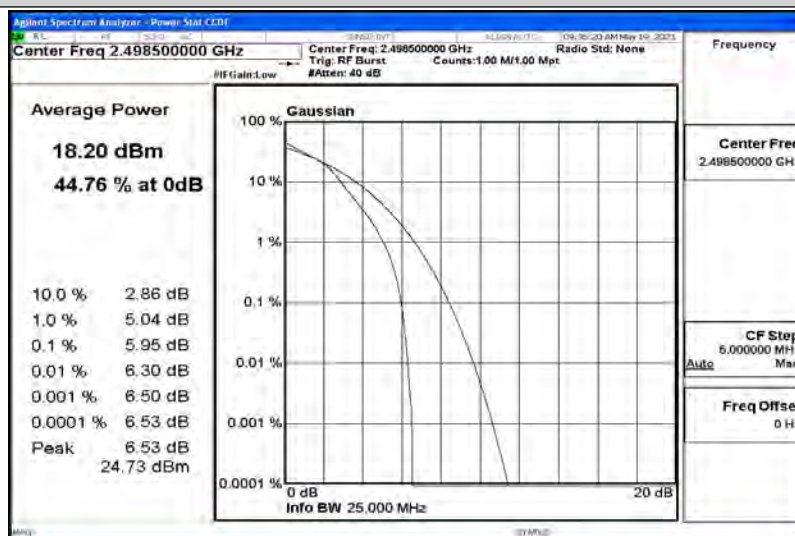
Band41-5MHz-QPSK-40620-25RB#0



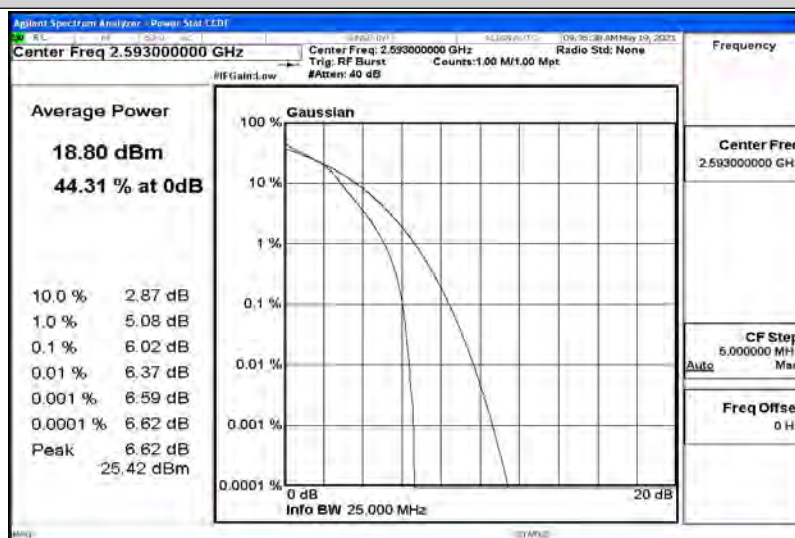
Band41-5MHz-QPSK-41565-25RB#0



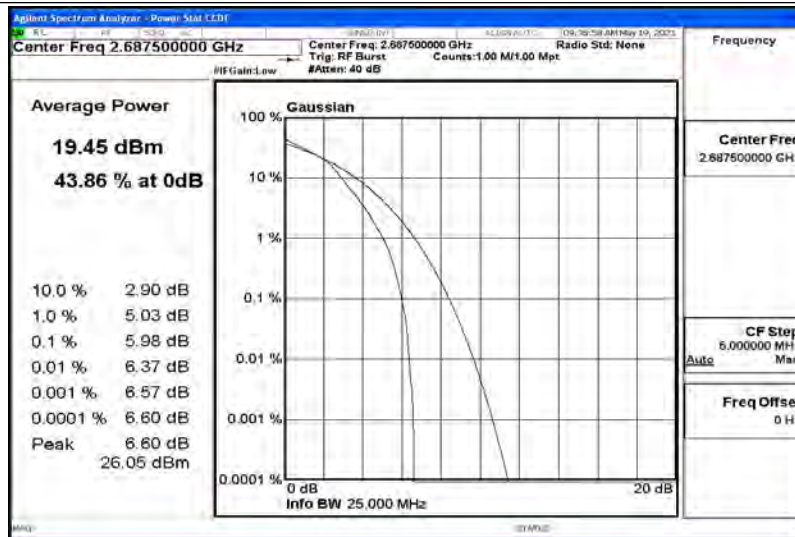
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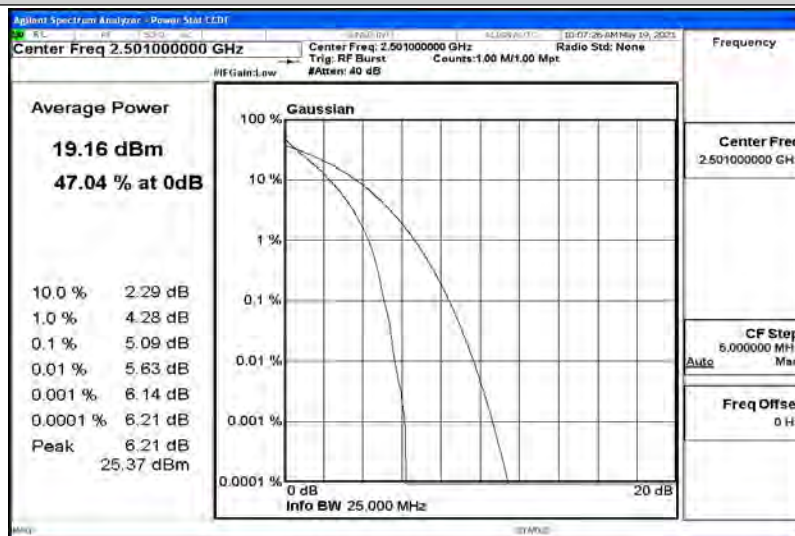
Band41-5MHz-16QAM-40620-25RB#0



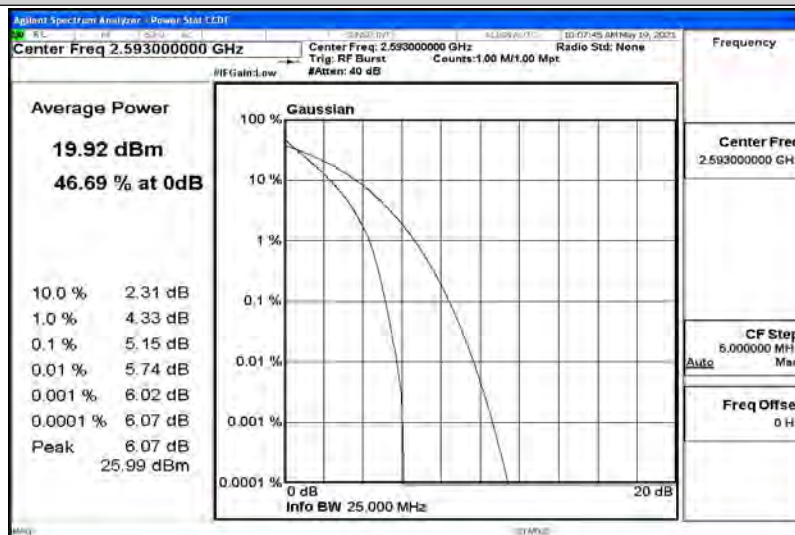
Band41-5MHz-16QAM-41565-25RB#0



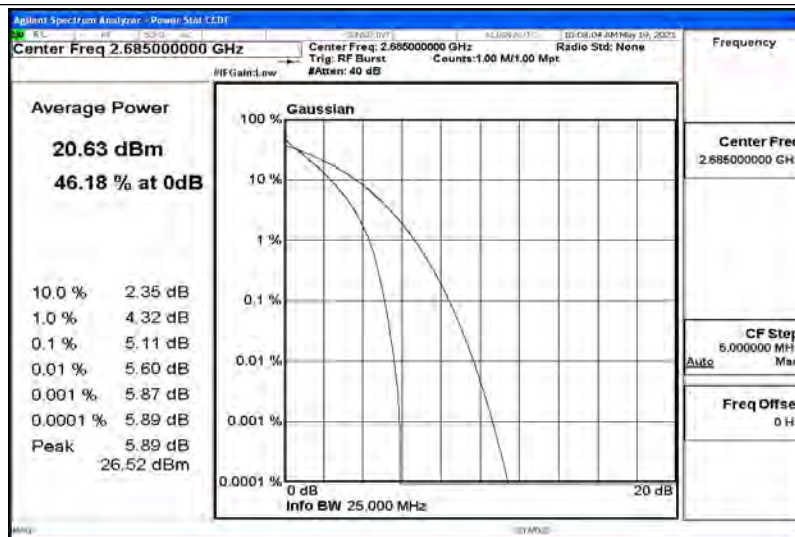
Band41-10MHz-QPSK-39700-50RB#0



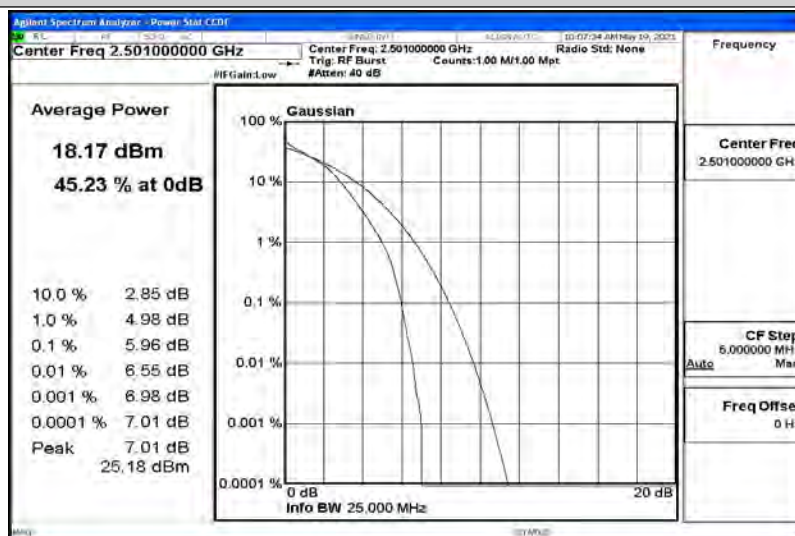
Band41-10MHz-QPSK-40620-50RB#0



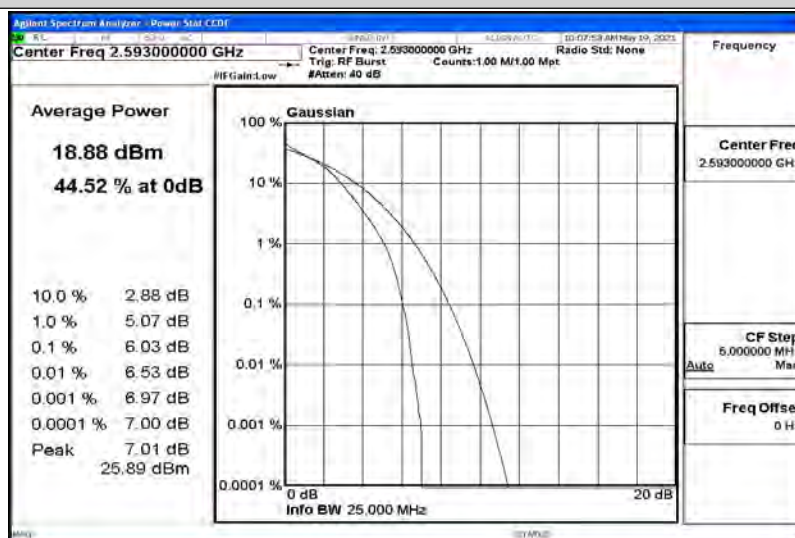
Band41-10MHz-QPSK-41540-50RB#0



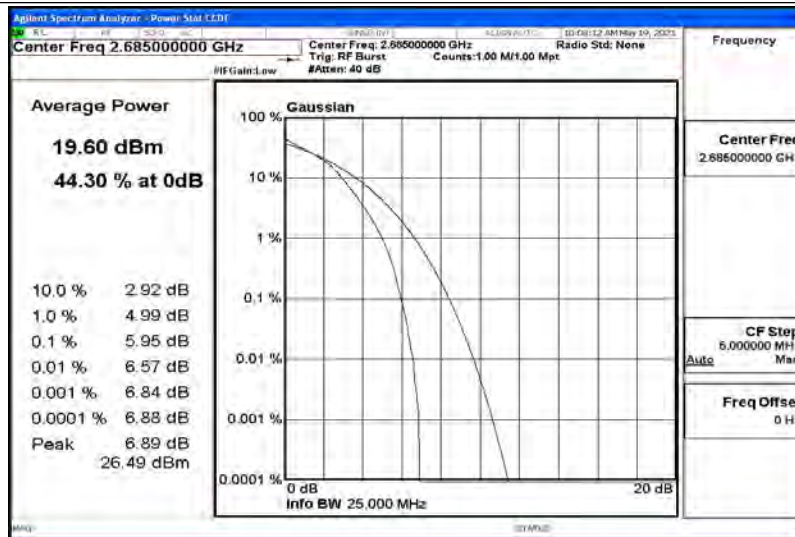
Band41-10MHz-16QAM-39700-50RB#0



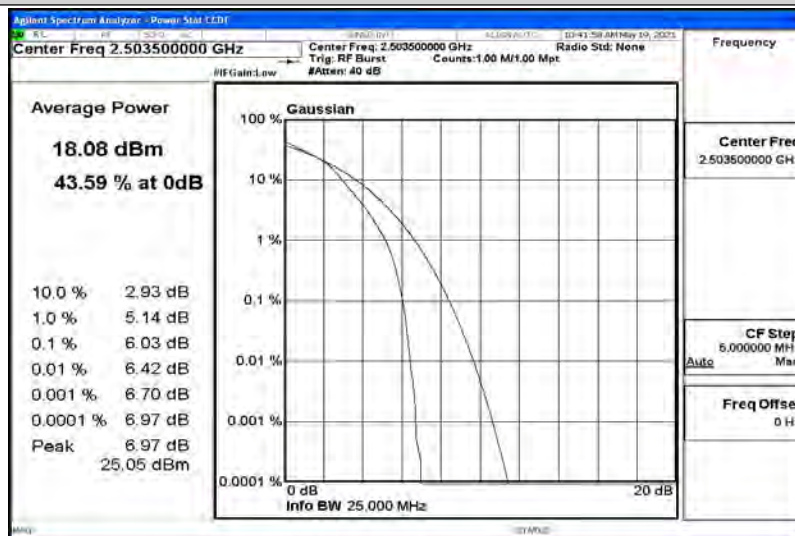
Band41-10MHz-16QAM-40620-50RB#0



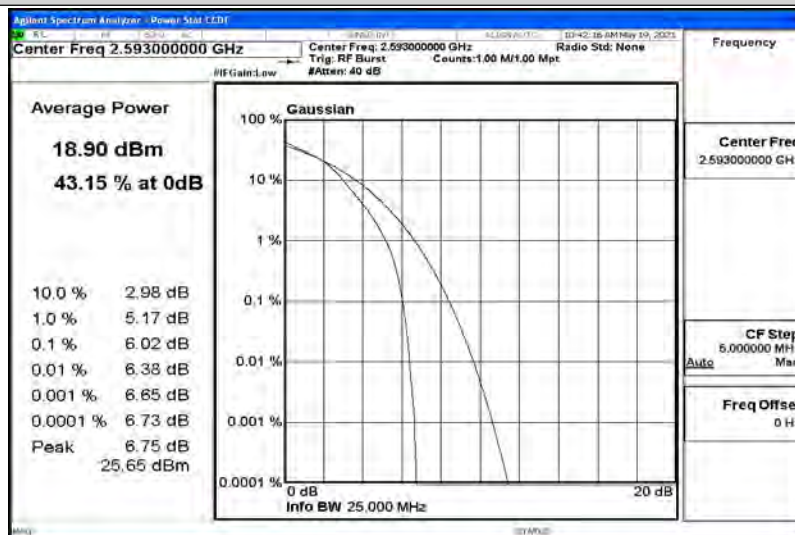
Band41-10MHz-16QAM-41540-50RB#0



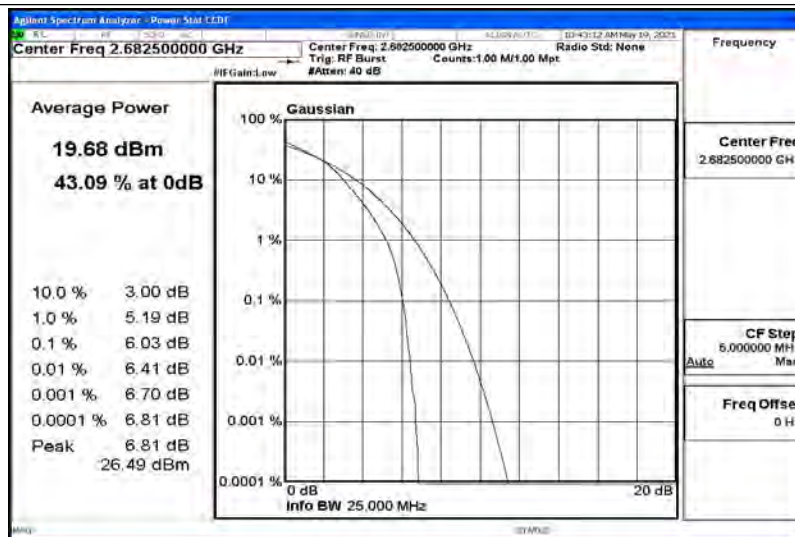
Band41-15MHz-QPSK-39725-75RB#0



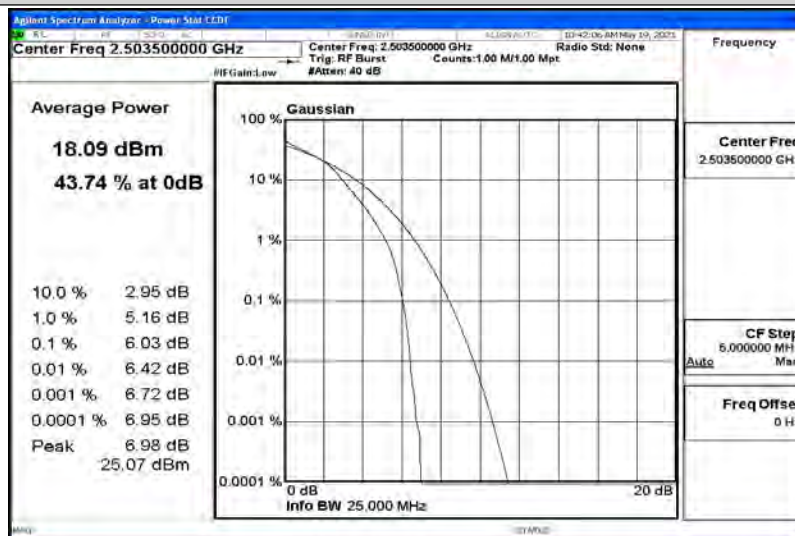
Band41-15MHz-QPSK-40620-75RB#0



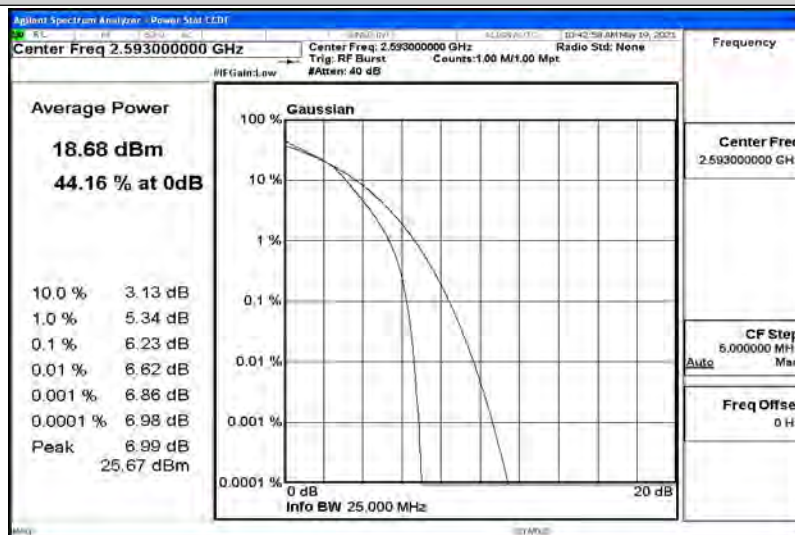
Band41-15MHz-QPSK-41515-75RB#0



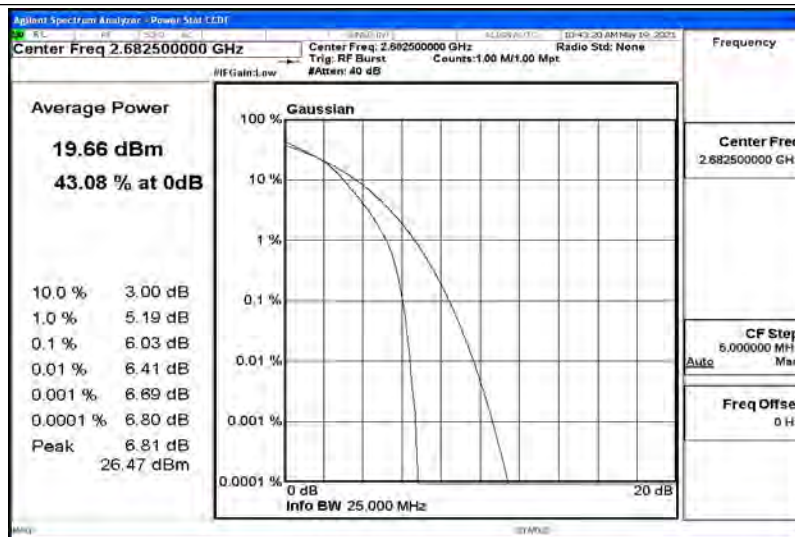
Band41-15MHz-16QAM-39725-75RB#0



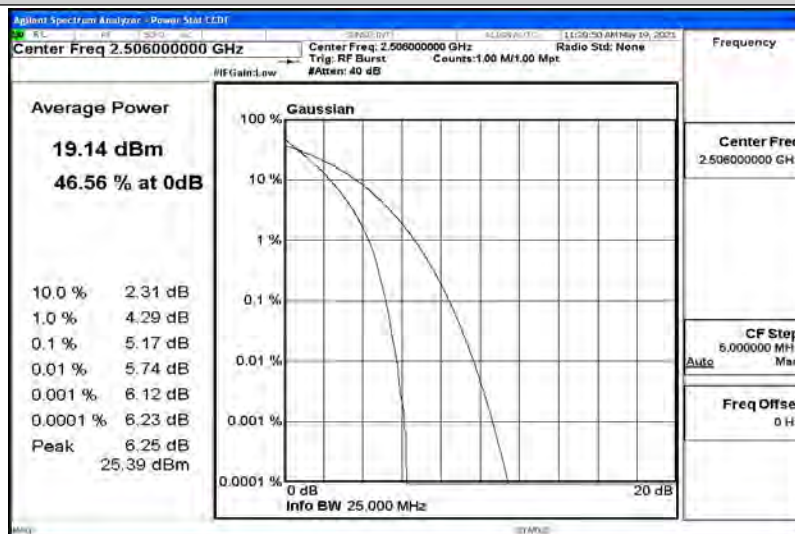
Band41-15MHz-16QAM-40620-75RB#0



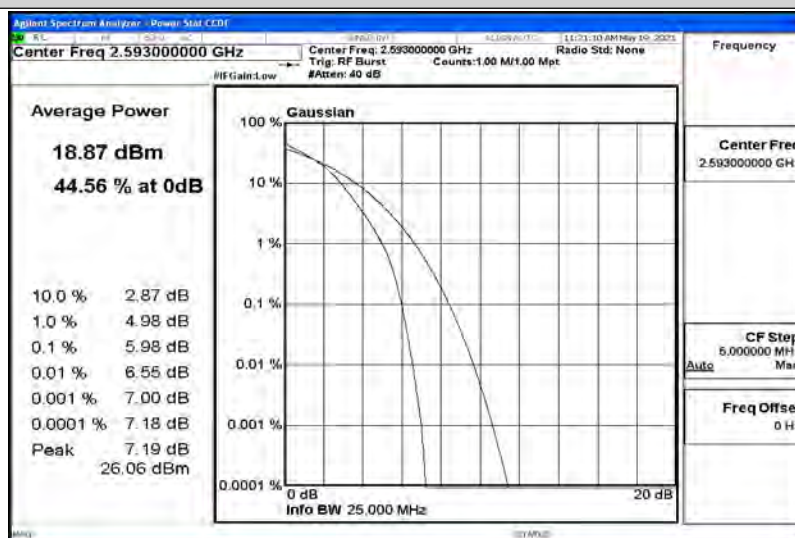
Band41-15MHz-16QAM-41515-75RB#0



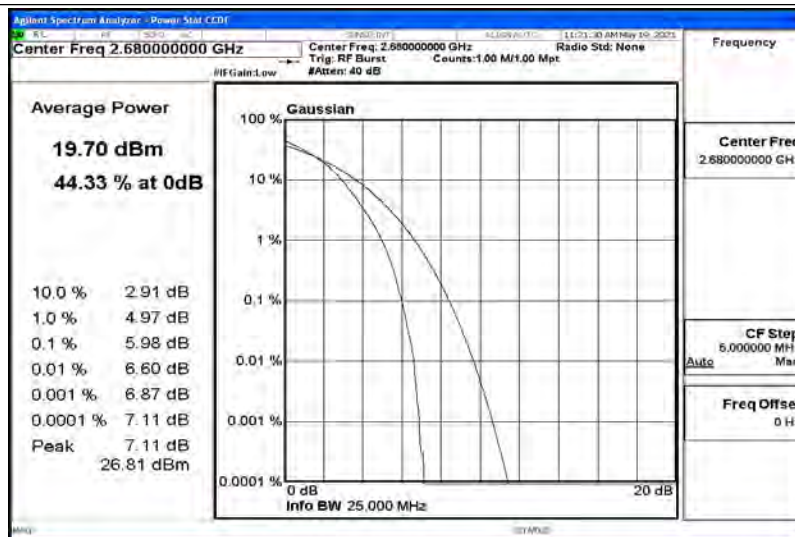
Band41-20MHz-QPSK-39750-100RB#0



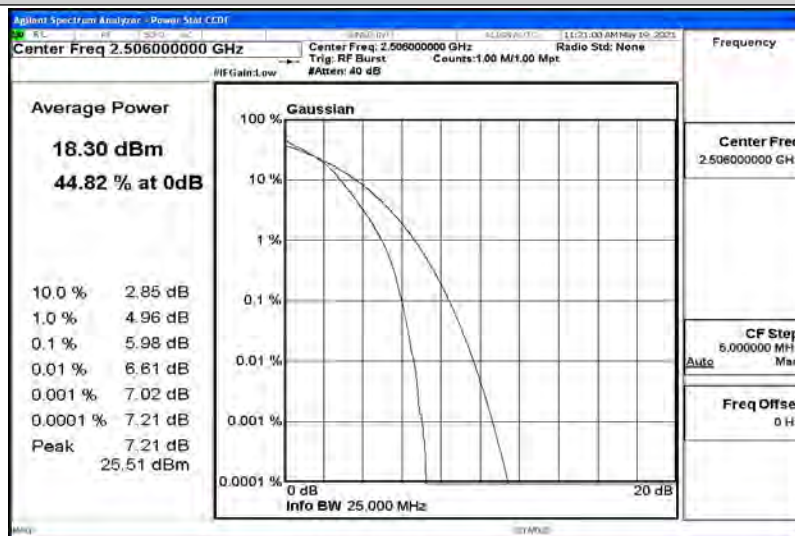
Band41-20MHz-QPSK-40620-100RB#0



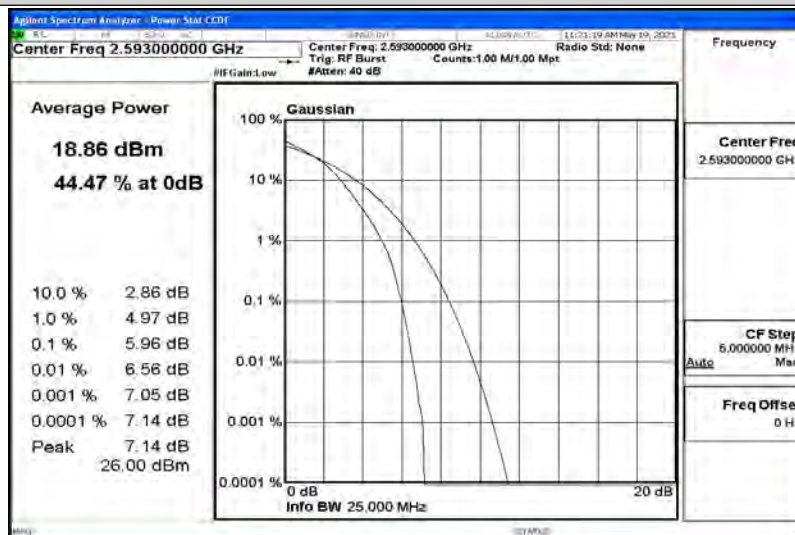
Band41-20MHz-QPSK-41490-100RB#0



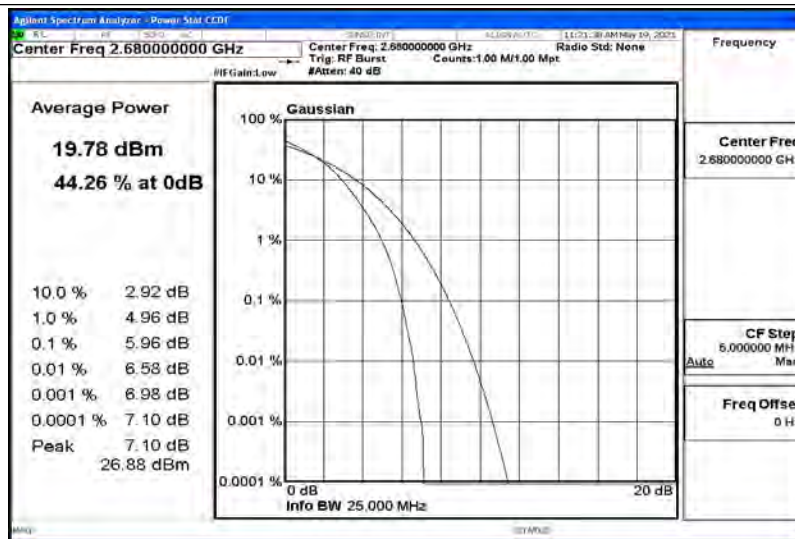
Band41-20MHz-16QAM-39750-100RB#0



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



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



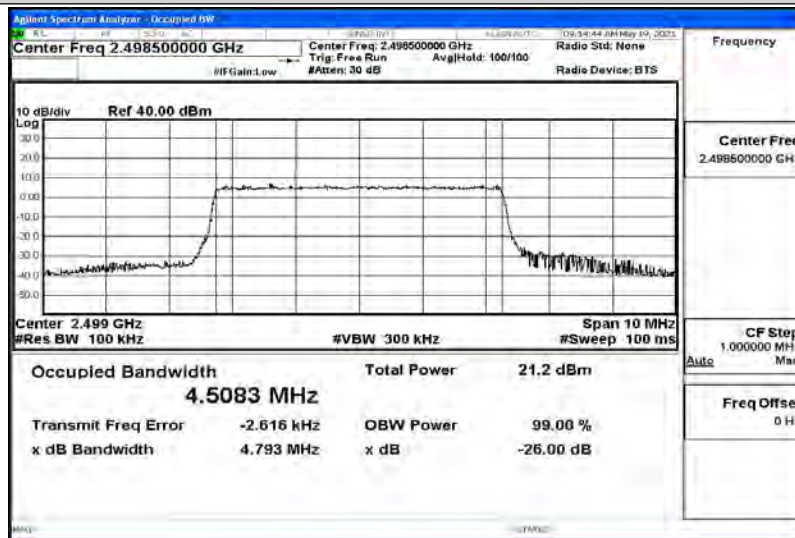
O.3 26dB Bandwidth and Occupied Bandwidth

Test Result

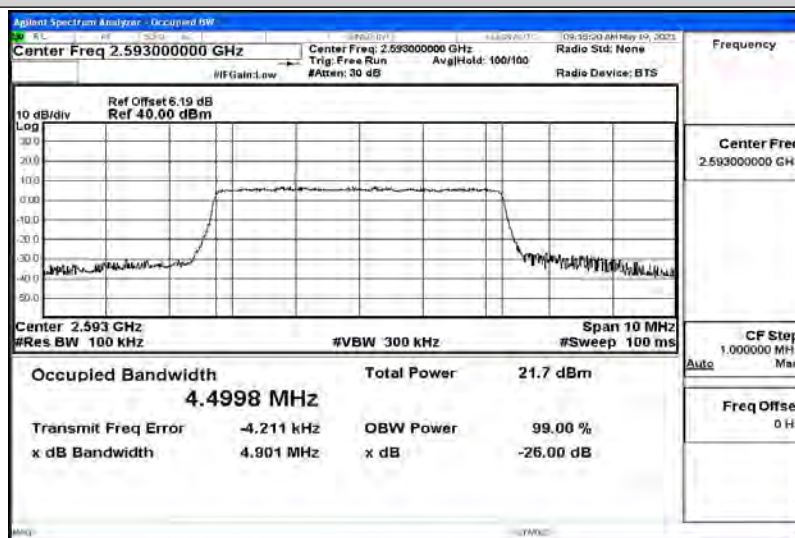
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5083	4.793	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4998	4.901	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5070	4.815	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4943	4.833	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5003	4.830	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4936	4.852	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9520	9.526	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9589	9.496	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9601	9.544	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9533	9.517	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9536	9.503	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9580	9.508	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.422	14.24	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.441	14.24	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.443	14.25	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.419	14.24	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.423	14.26	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.428	14.25	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.886	18.92	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.877	18.95	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.858	18.94	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.874	18.92	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.863	18.92	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.872	18.92	PASS

Test Graphs

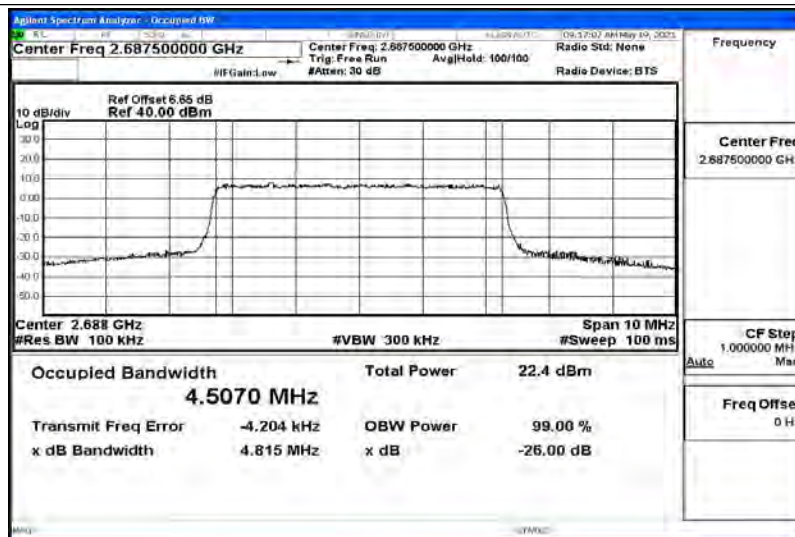
Band41-5MHz-QPSK-39675-25RB#0-4.5083



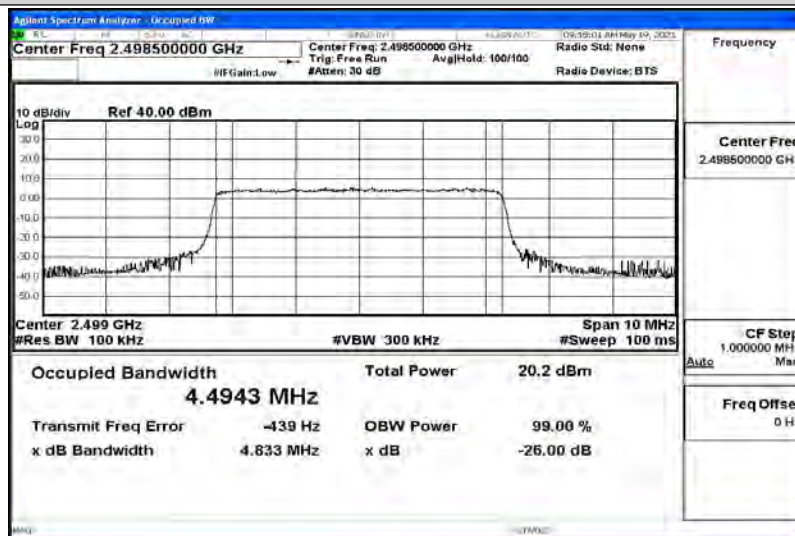
Band41-5MHz-QPSK-40620-25RB#0-4.4998



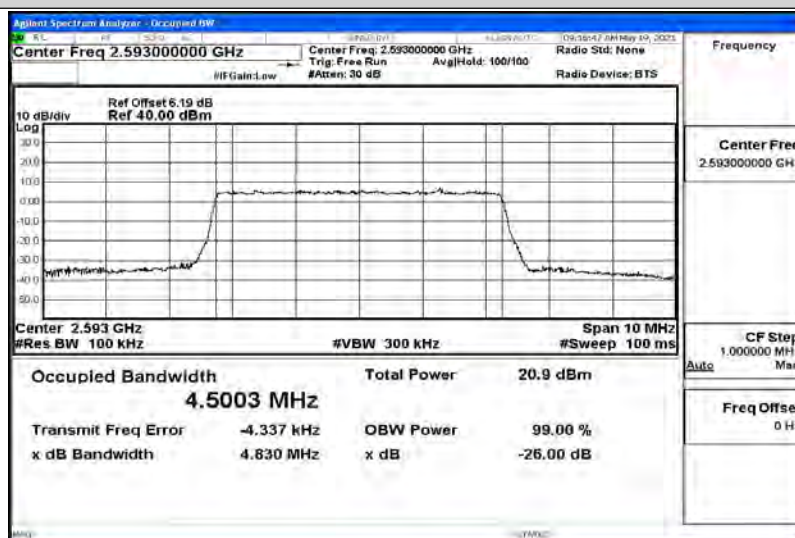
Band41-5MHz-QPSK-41565-25RB#0-4.5070



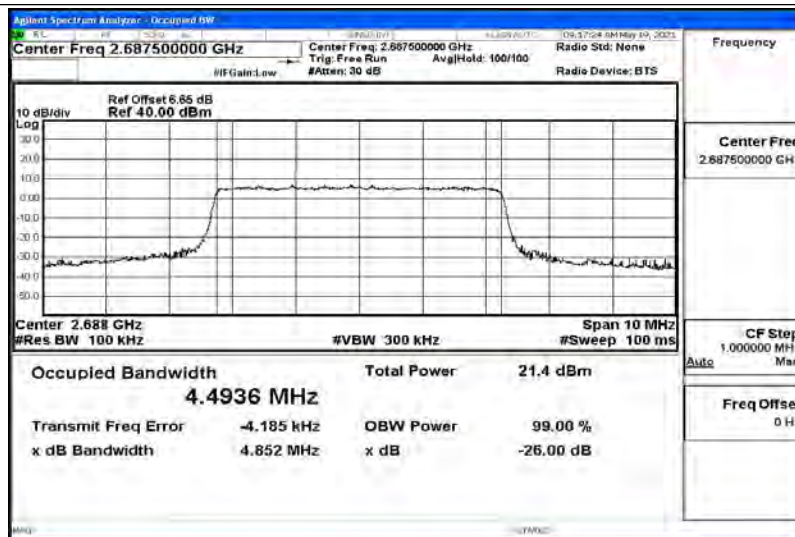
Band41-5MHz-16QAM-39675-25RB#0-4.4943



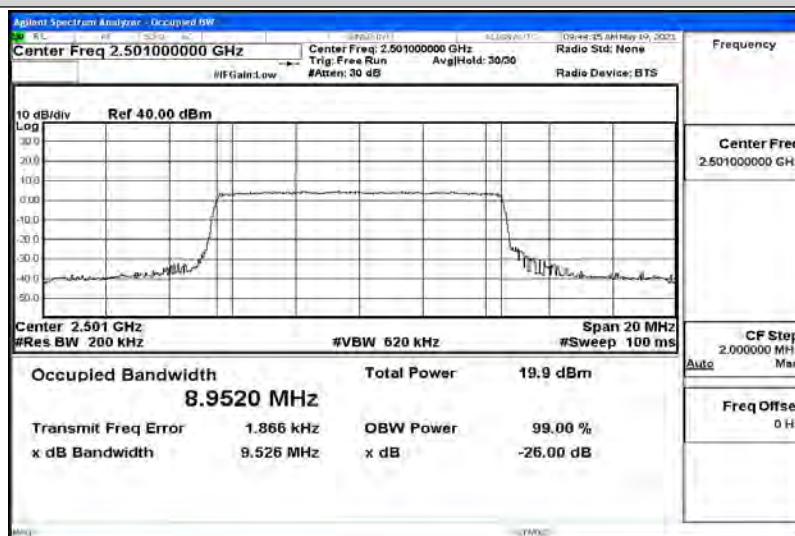
Band41-5MHz-16QAM-40620-25RB#0-4.5003



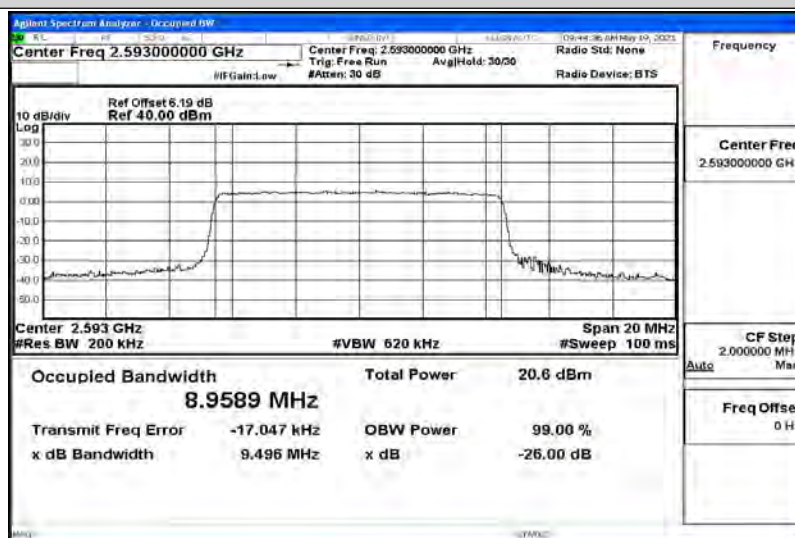
Band41-5MHz-16QAM-41565-25RB#0-4.4936



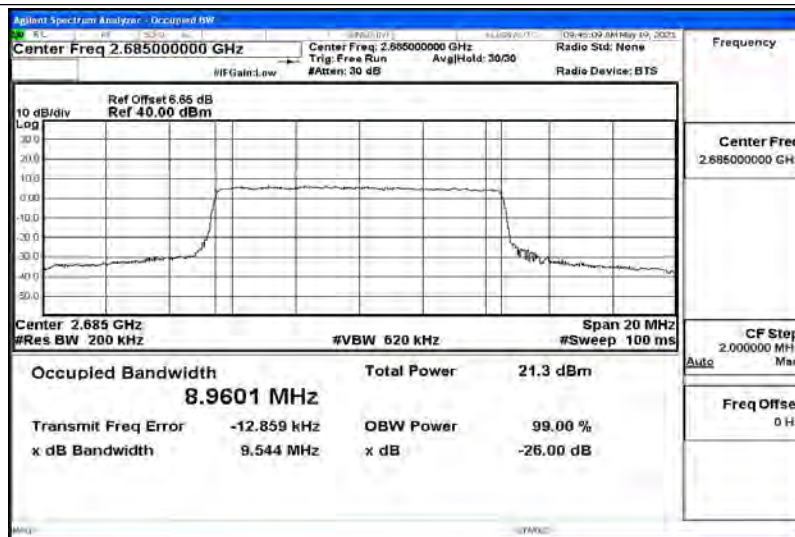
Band41-10MHz-QPSK-39700-50RB#0-8.9520



Band41-10MHz-QPSK-40620-50RB#0-8.9589



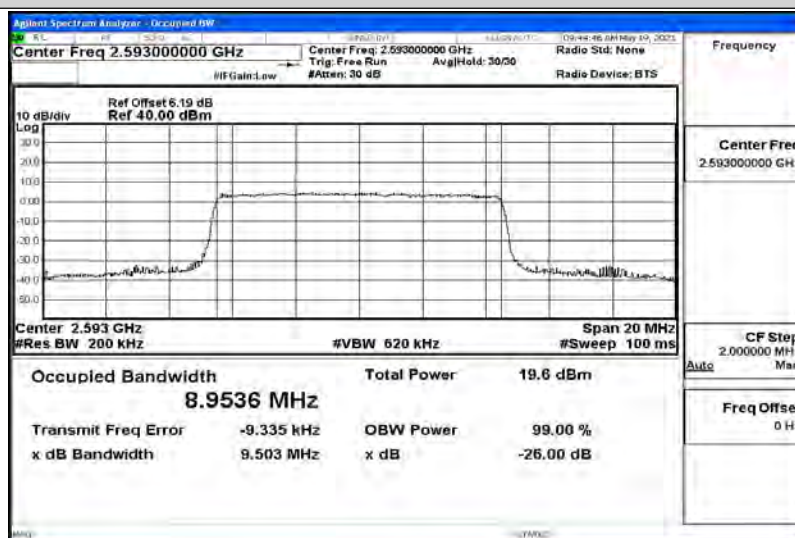
Band41-10MHz-QPSK-41540-50RB#0-8.9601



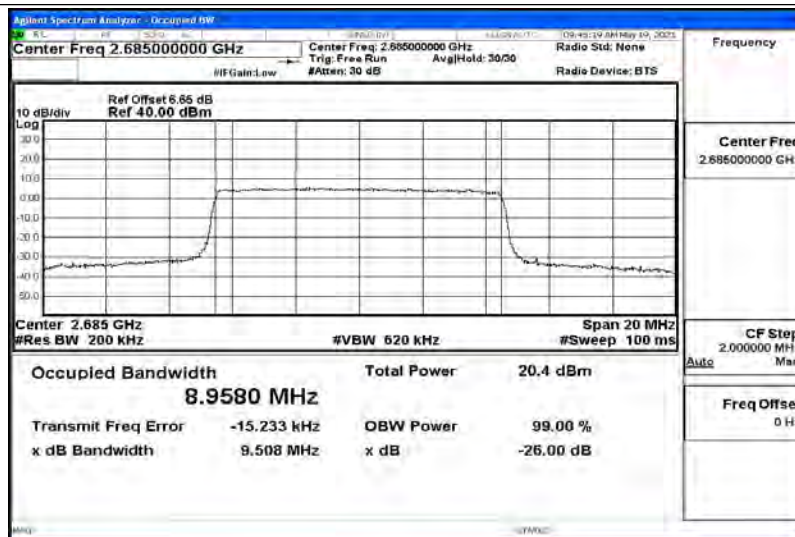
Band41-10MHz-16QAM-39700-50RB#0-8.9533



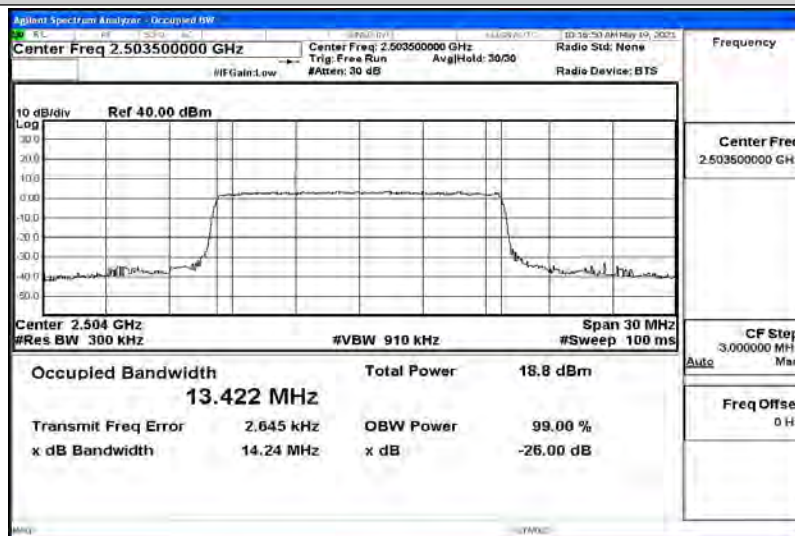
Band41-10MHz-16QAM-40620-50RB#0-8.9536



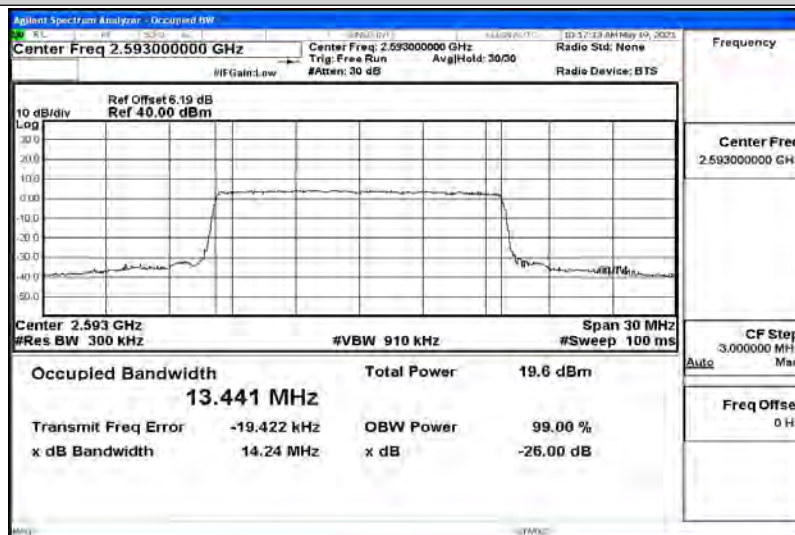
Band41-10MHz-16QAM-41540-50RB#0-8.9580



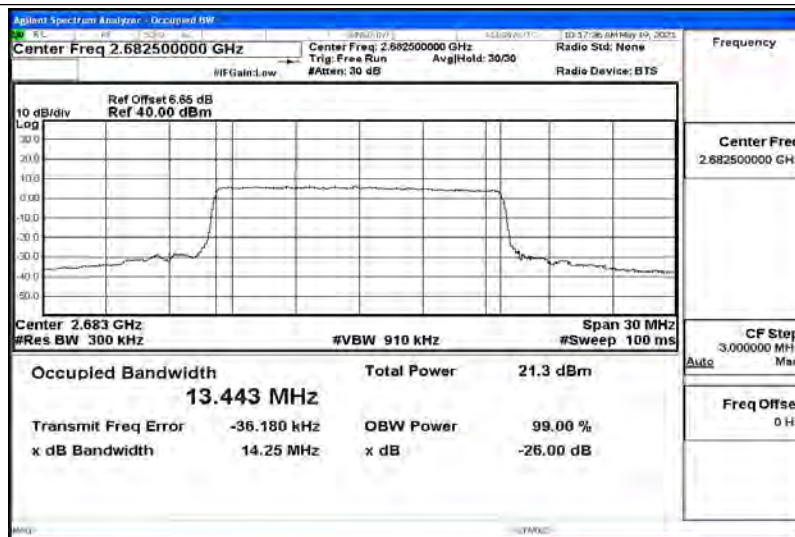
Band41-15MHz-QPSK-39725-75RB#0-13.422



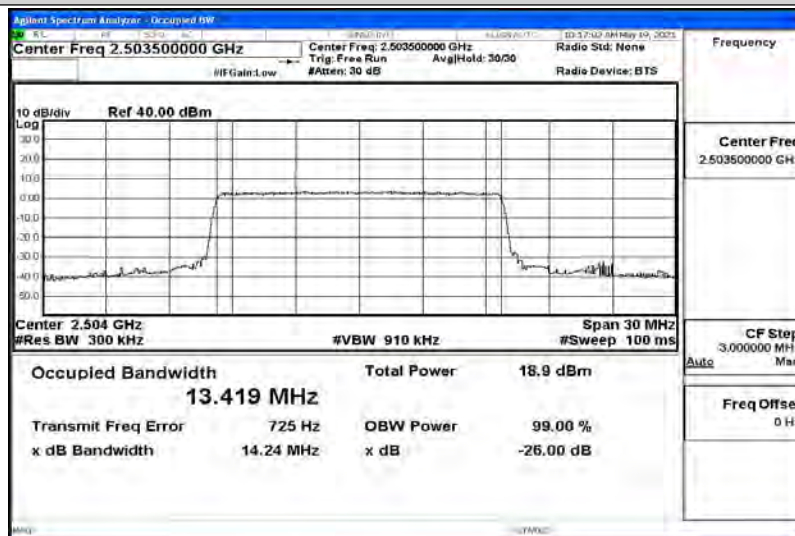
Band41-15MHz-QPSK-40620-75RB#0-13.441



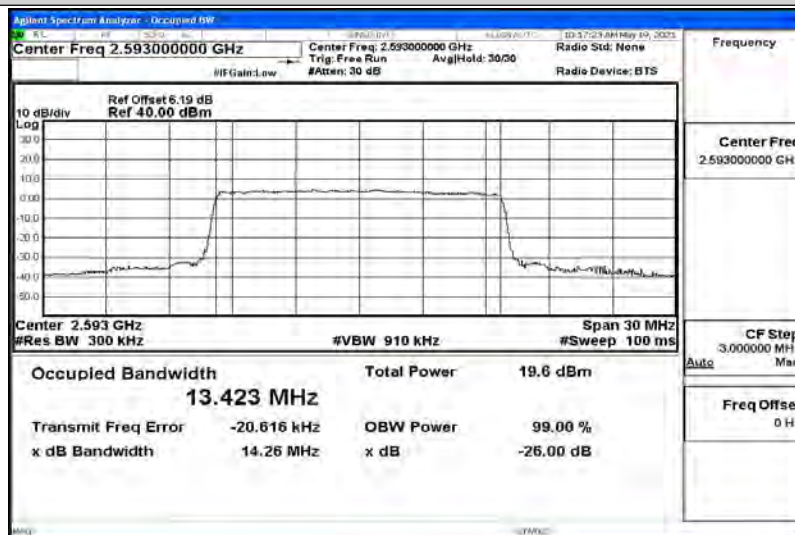
Band41-15MHz-QPSK-41515-75RB#0-13.443



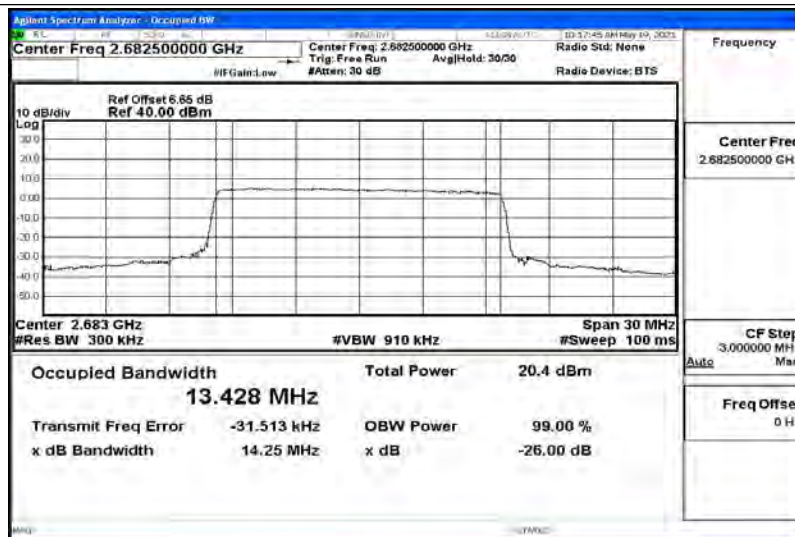
Band41-15MHz-16QAM-39725-75RB#0-13.419



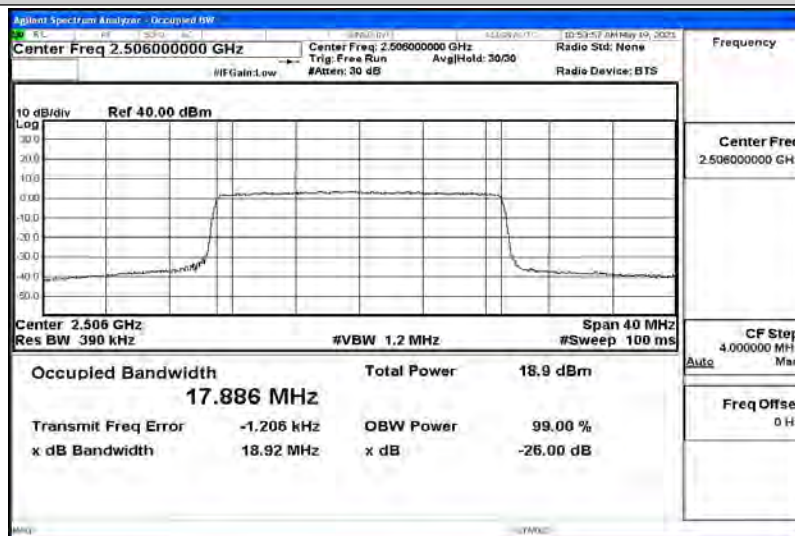
Band41-15MHz-16QAM-40620-75RB#0-13.423



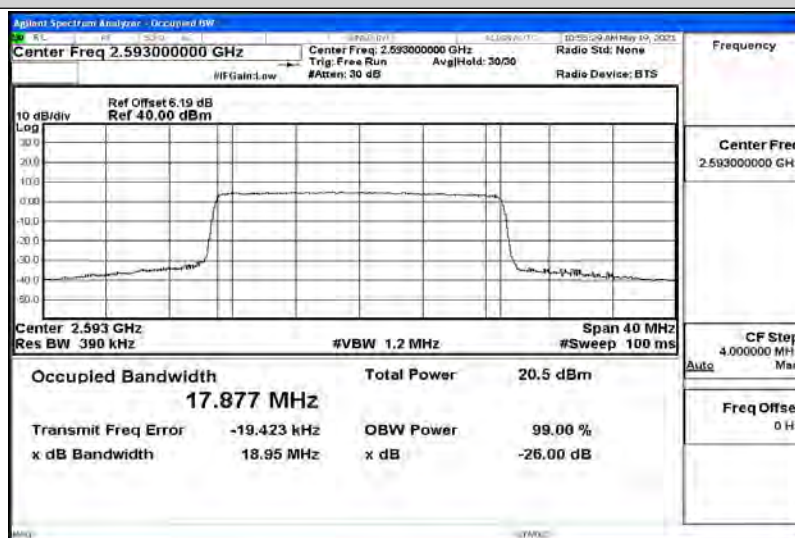
Band41-15MHz-16QAM-41515-75RB#0-13.428



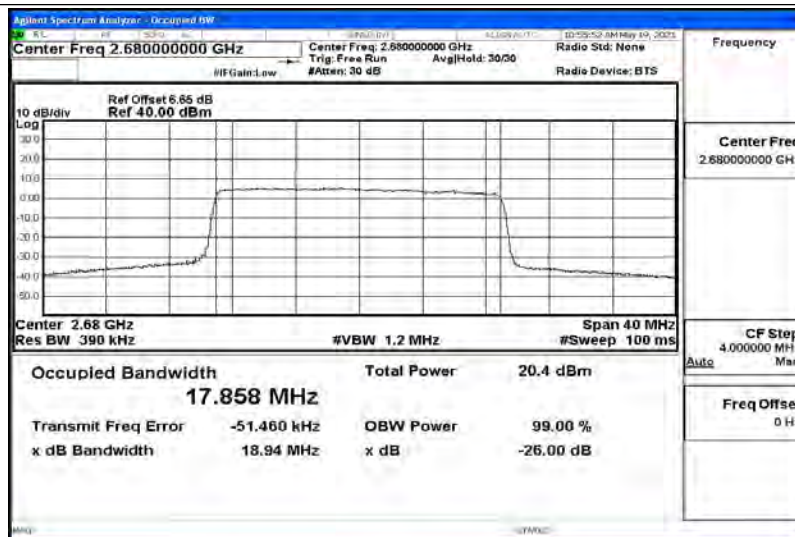
Band41-20MHz-QPSK-39750-100RB#0-17.886



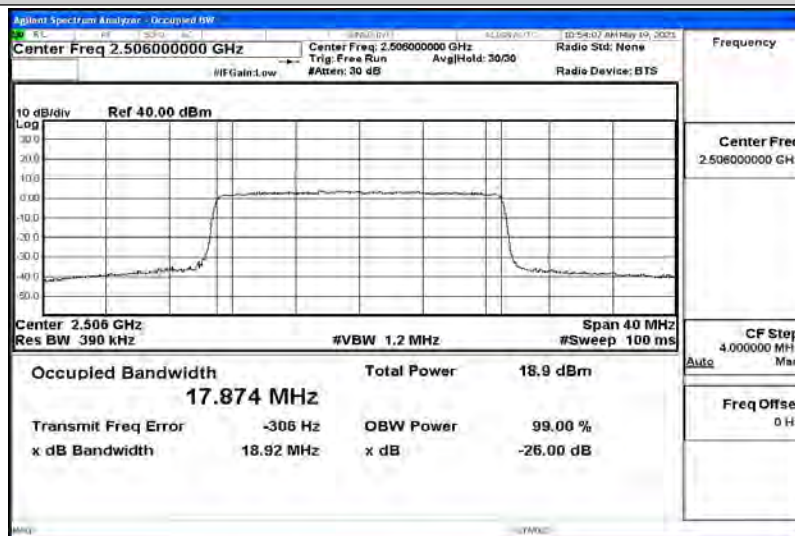
Band41-20MHz-QPSK-40620-100RB#0-17.877



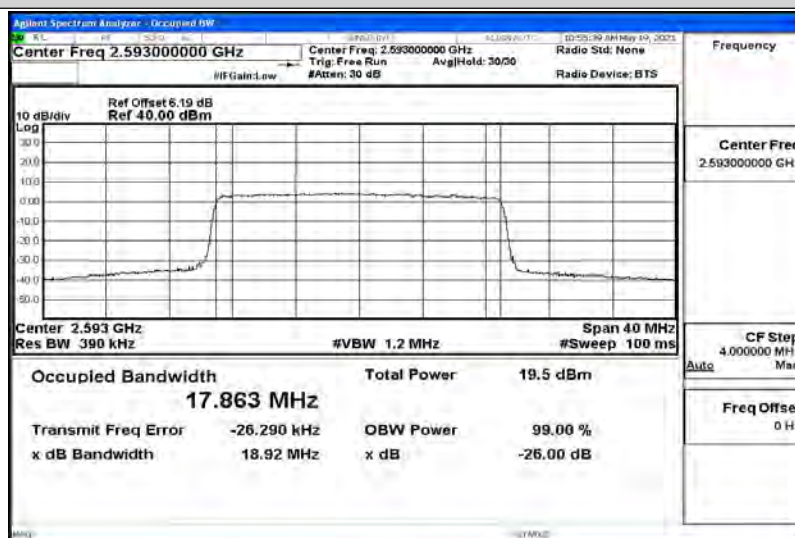
Band41-20MHz-QPSK-41490-100RB#0-17.858



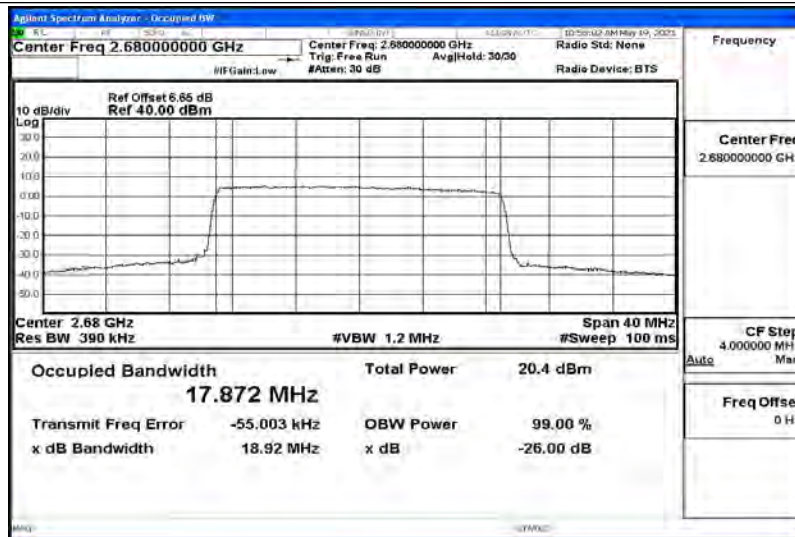
Band41-20MHz-16QAM-39750-100RB#0-17.874



Band41-20MHz-16QAM-40620-100RB#0-17.863



Band41-20MHz-16QAM-41490-100RB#0-17.872



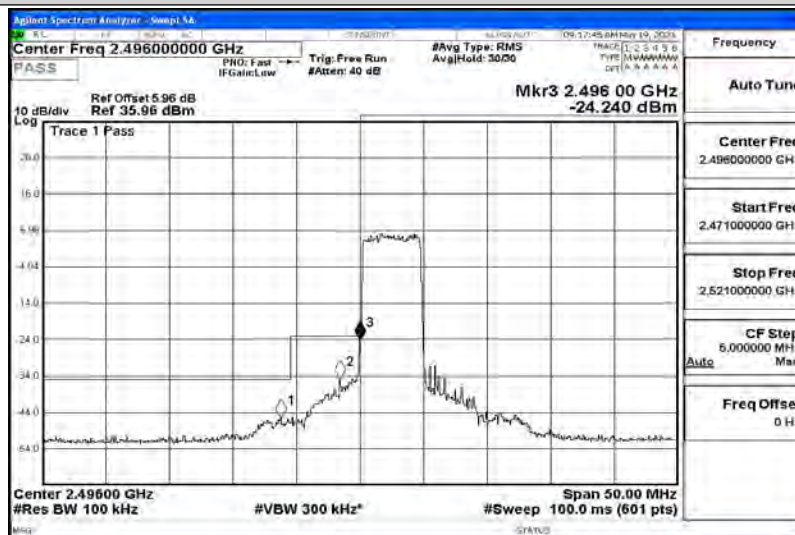
O.4 Band Edge

Test Result

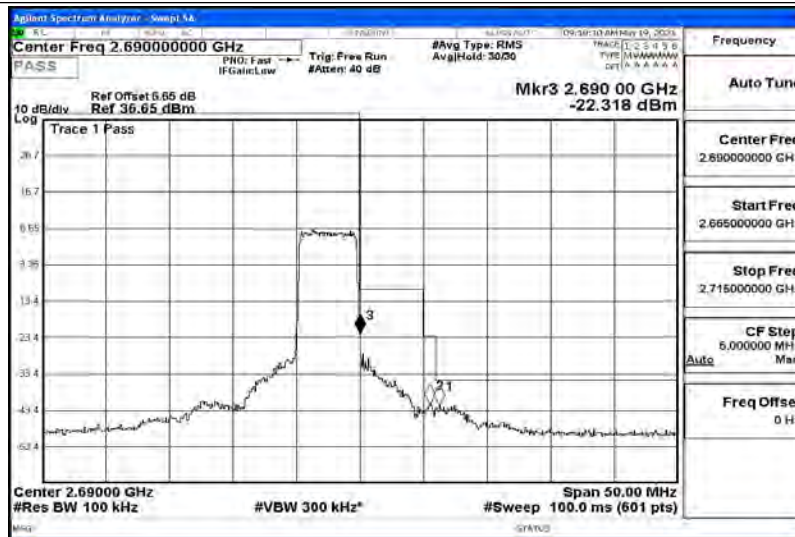
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	-45.68,-35.04,-24.24	PASS
Band41	5MHz	QPSK	41565	25RB#0	-41.81,-41.58,-22.32	PASS
Band41	5MHz	16QAM	39675	25RB#0	-45.68,-37.35,-26.63	PASS
Band41	5MHz	16QAM	41565	25RB#0	-42.20,-41.58,-25.95	PASS
Band41	10MHz	QPSK	39700	50RB#0	-41.26,-33.61,-30.52	PASS
Band41	10MHz	QPSK	41540	50RB#0	-42.68,-37.68,-26.81	PASS
Band41	10MHz	16QAM	39700	50RB#0	-38.23,-35.73,-31.71	PASS
Band41	10MHz	16QAM	41540	50RB#0	-41.85,-36.99,-29.49	PASS
Band41	15MHz	QPSK	39725	75RB#0	-37.95,-34.45,-32.62	PASS
Band41	15MHz	QPSK	41515	75RB#0	-41.51,-35.81,-30.23	PASS
Band41	15MHz	16QAM	39725	75RB#0	-38.01,-34.74,-30.96	PASS
Band41	15MHz	16QAM	41515	75RB#0	-41.52,-36.26,-30.28	PASS
Band41	20MHz	QPSK	39750	100RB#0	-38.24,-35.50,-34.79	PASS
Band41	20MHz	QPSK	41490	100RB#0	-42.66,-36.13,-31.31	PASS
Band41	20MHz	16QAM	39750	100RB#0	-38.17,-35.35,-34.80	PASS
Band41	20MHz	16QAM	41490	100RB#0	-42.28,-36.33,-31.52	PASS

Test Graphs

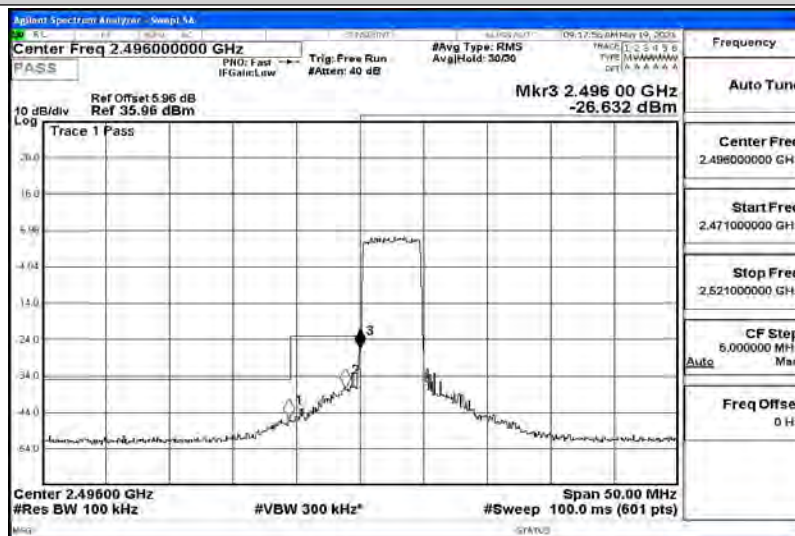
Band41-5MHz-QPSK-39675-25RB#0



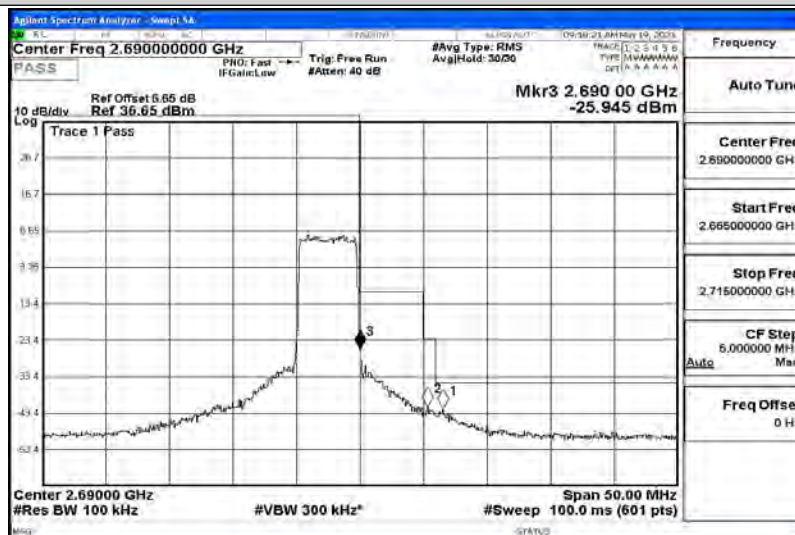
Band41-5MHz-QPSK-41565-25RB#0



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



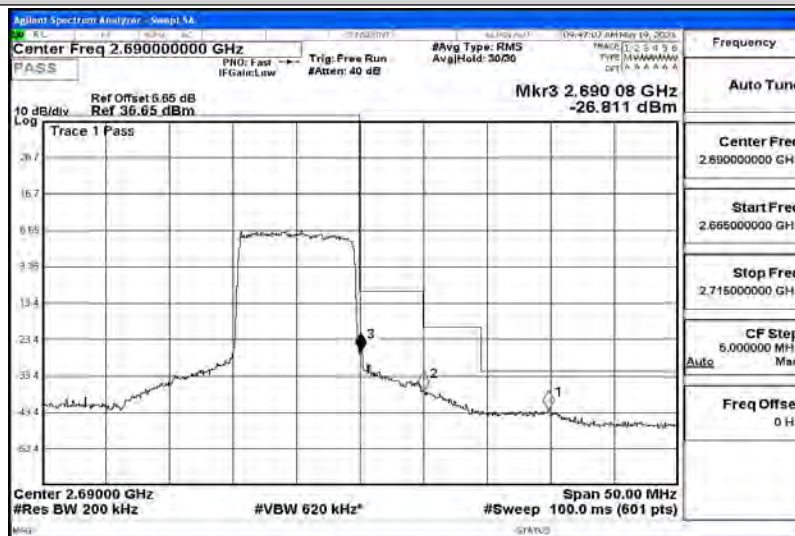
Band41-5MHz-16QAM-41565-25RB#0



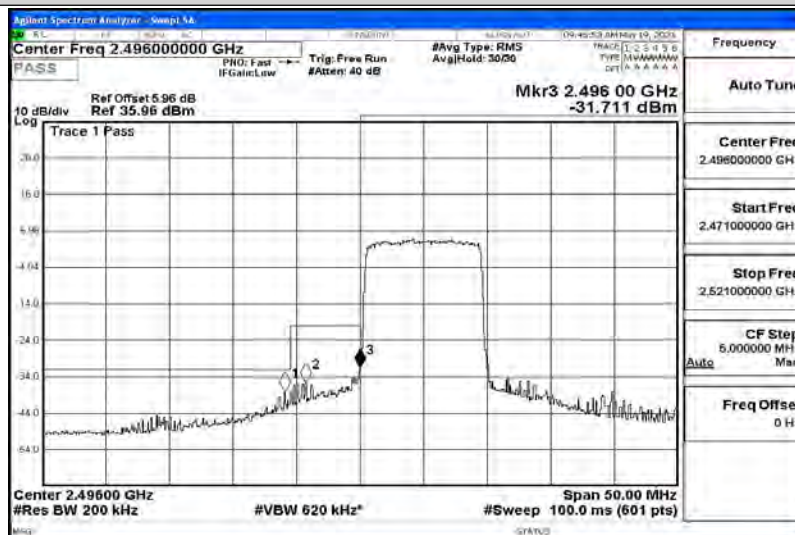
Band41-10MHz-QPSK-39700-50RB#0



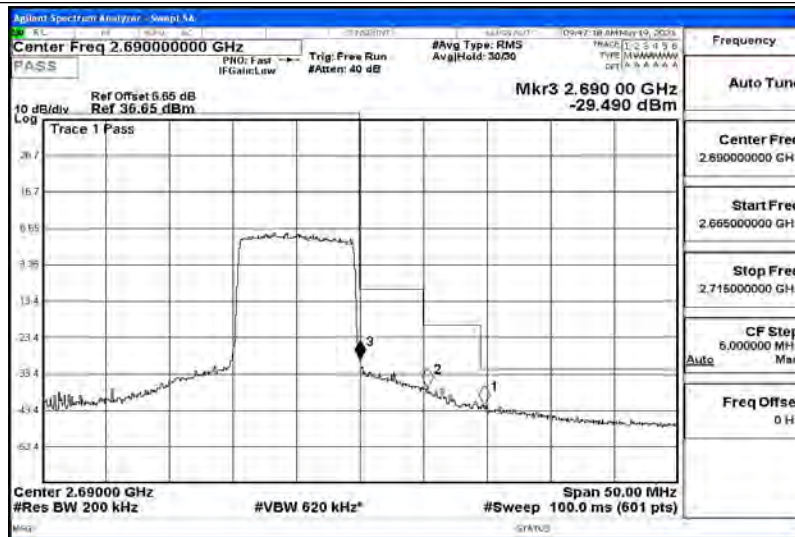
Band41-10MHz-QPSK-41540-50RB#0



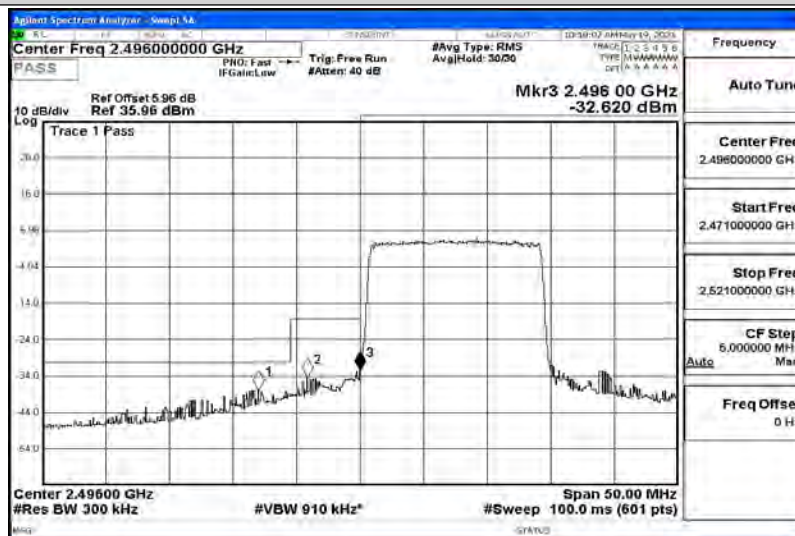
Band41-10MHz-16QAM-39700-50RB#0



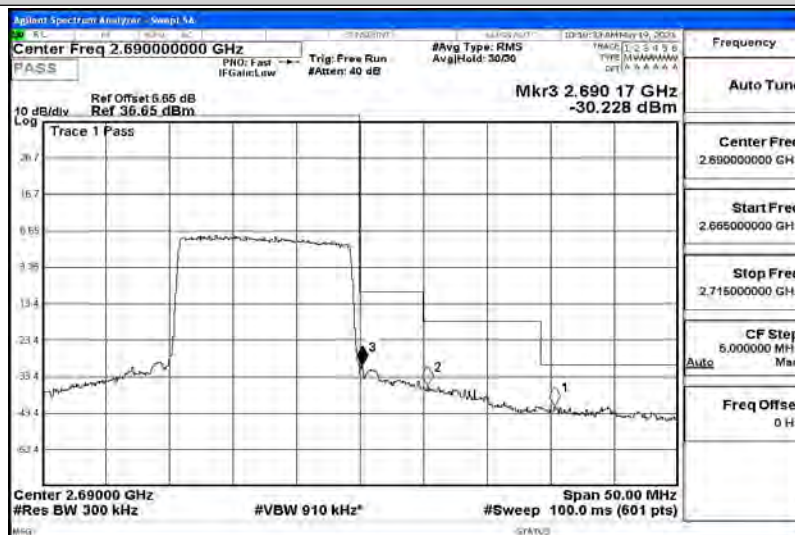
Band41-10MHz-16QAM-41540-50RB#0



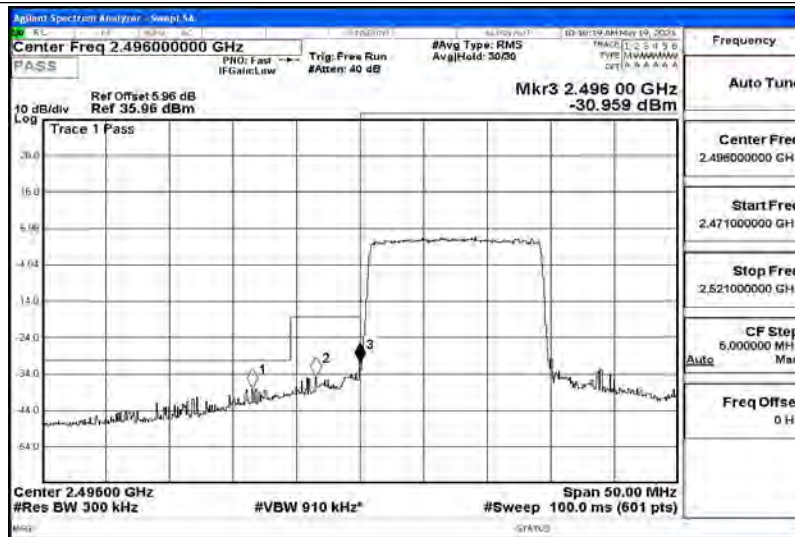
Band41-15MHz-QPSK-39725-75RB#0



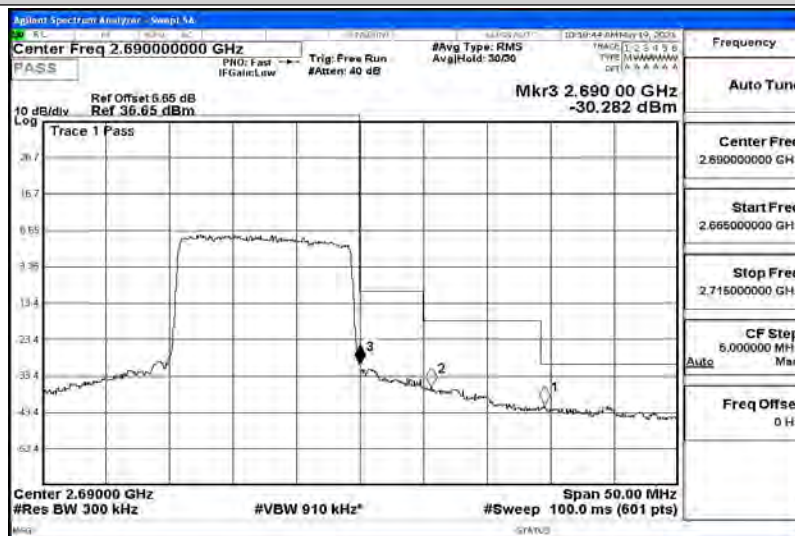
Band41-15MHz-QPSK-41515-75RB#0



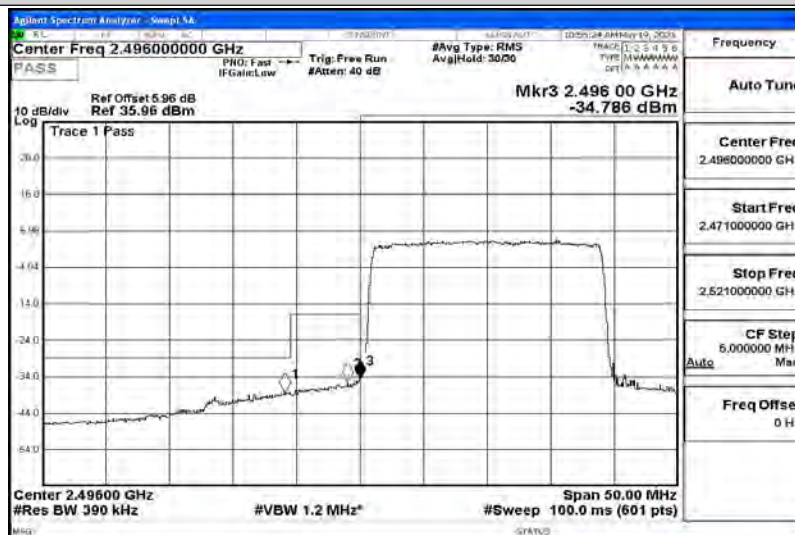
Band41-15MHz-16QAM-39725-75RB#0



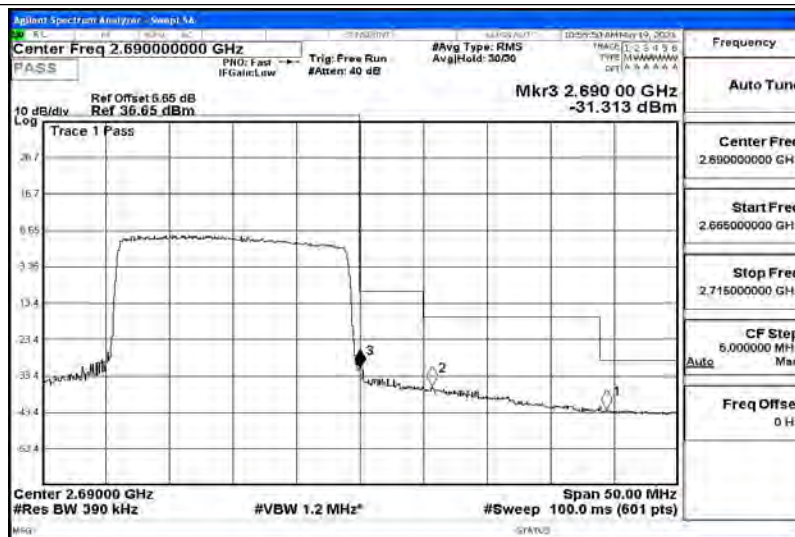
Band41-15MHz-16QAM-41515-75RB#0



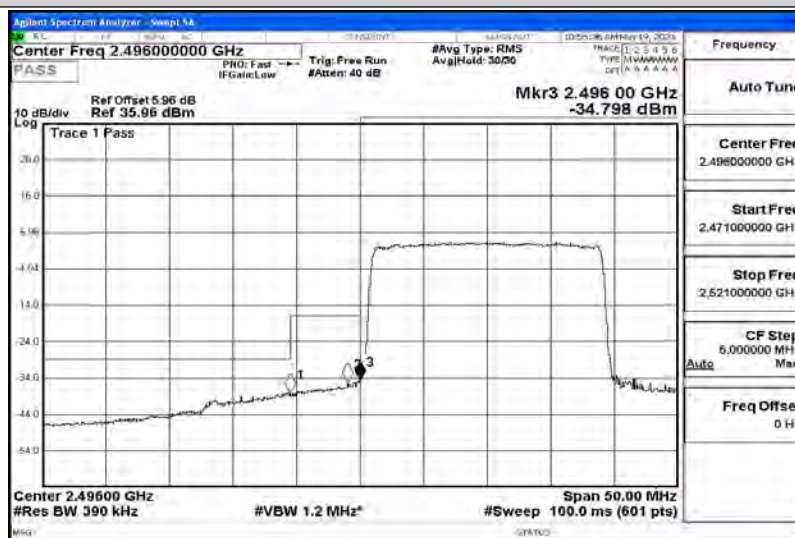
Band41-20MHz-QPSK-39750-100RB#0



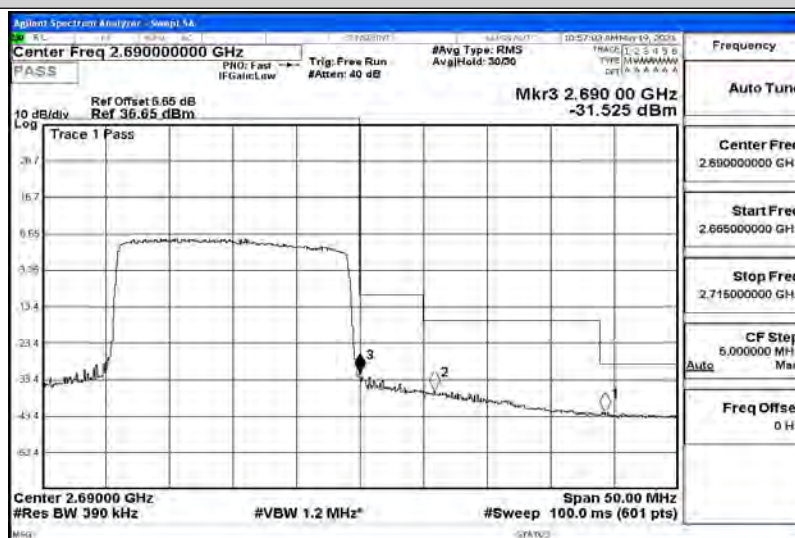
Band41-20MHz-QPSK-41490-100RB#0



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



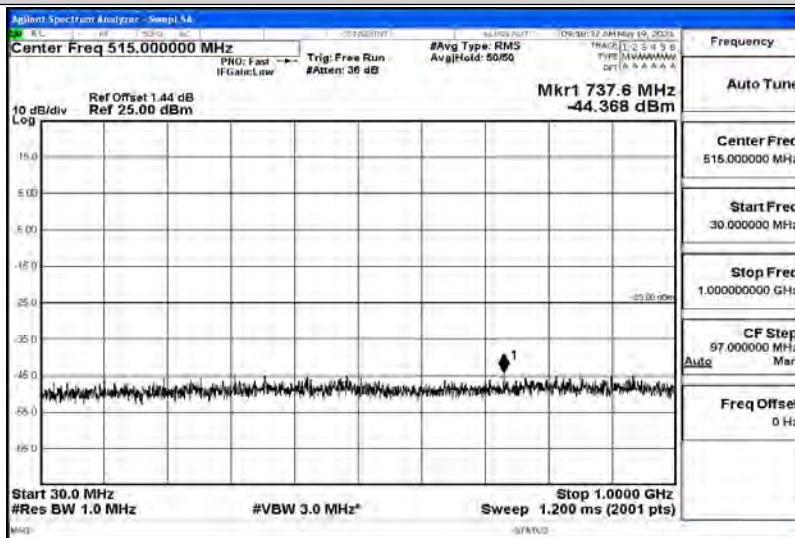
Band41-20MHz-16QAM-41490-100RB#0



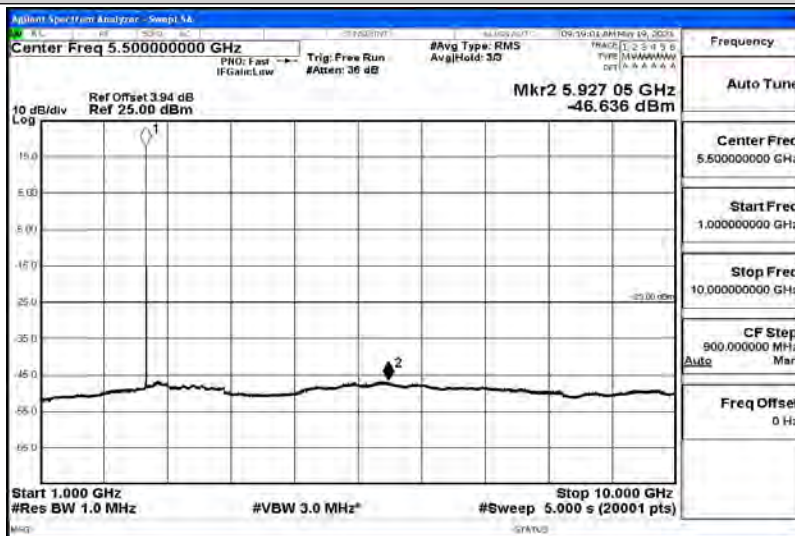
0.5 Conducted Spurious Emission

Test Graphs

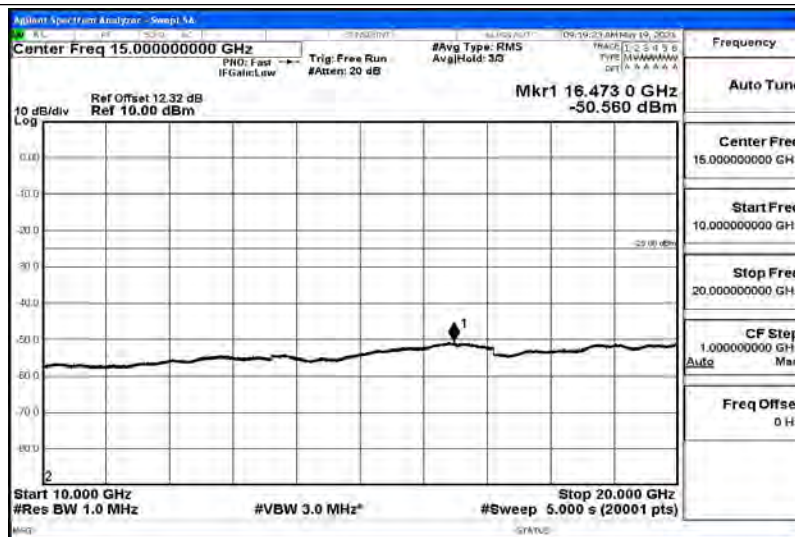
Band41-5MHz-QPSK-39675-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-39675-1RB#0-Range2:1000~10000MHz



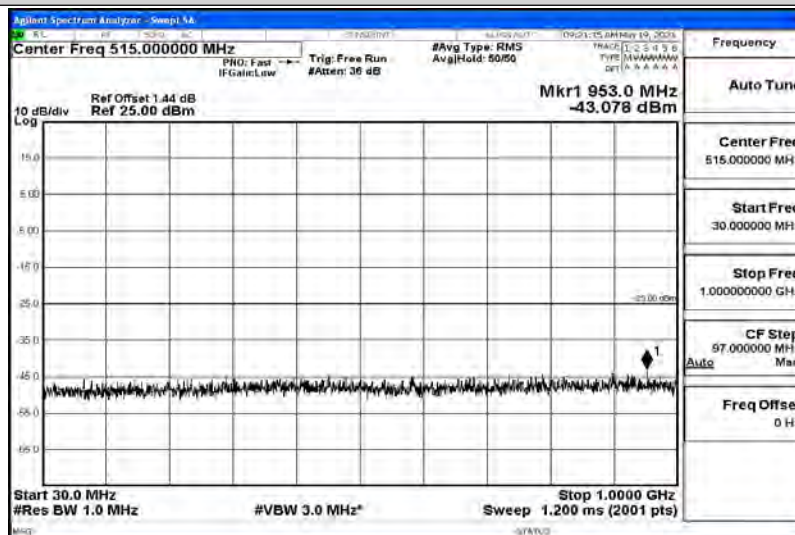
Band41-5MHz-QPSK-39675-1RB#0-Range3:10000~20000MHz



Band41-5MHz-QPSK-39675-1RB#0-Range4:20000~26500MHz



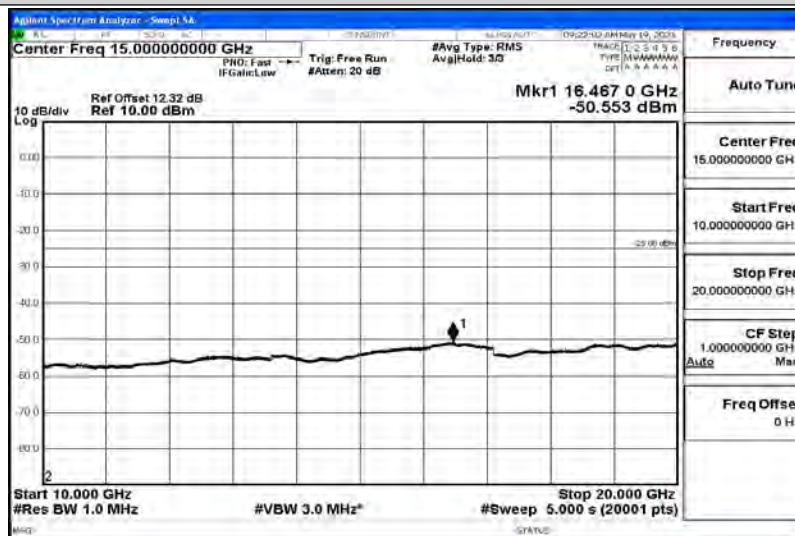
Band41-5MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-40620-1RB#0-Range2:1000~10000MHz



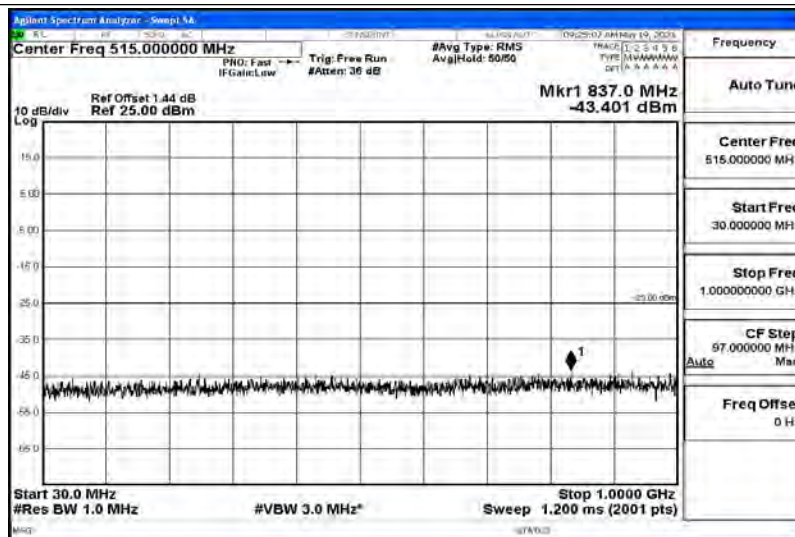
Band41-5MHz-QPSK-40620-1RB#0-Range3:10000~20000MHz



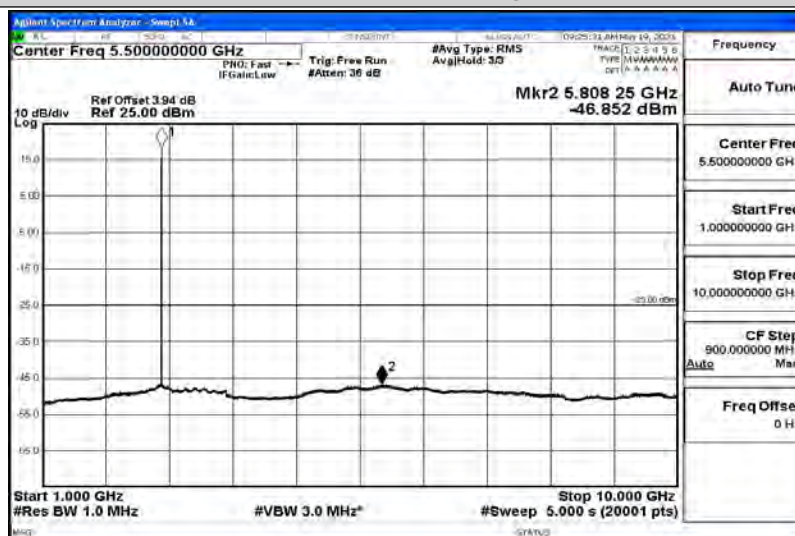
Band41-5MHz-QPSK-40620-1RB#0-Range4:20000~26500MHz



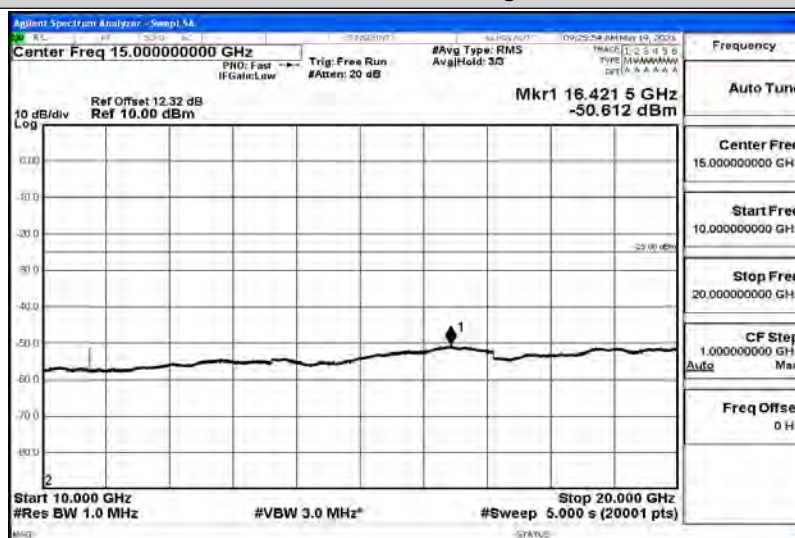
Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~10000MHz



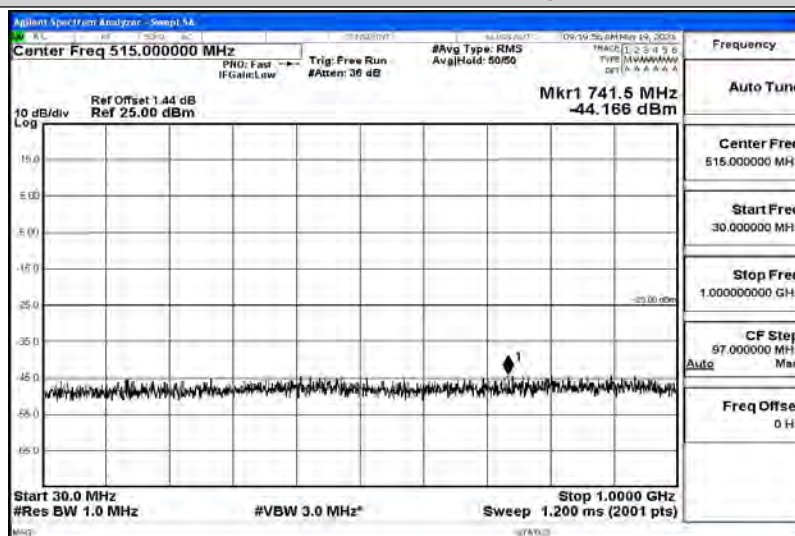
Band41-5MHz-QPSK-41565-1RB#0-Range3:10000~20000MHz



Band41-5MHz-QPSK-41565-1RB#0-Range4:20000~26500MHz



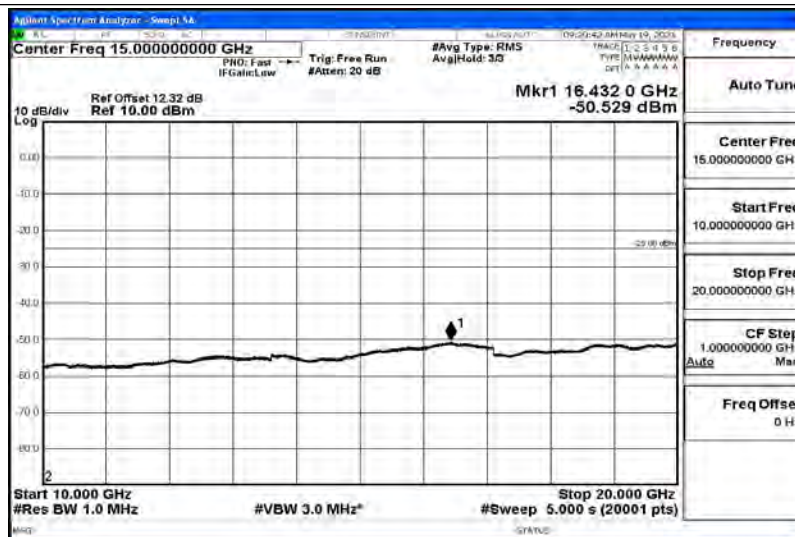
Band41-5MHz-16QAM-39675-1RB#0-Range1:30~1000MHz



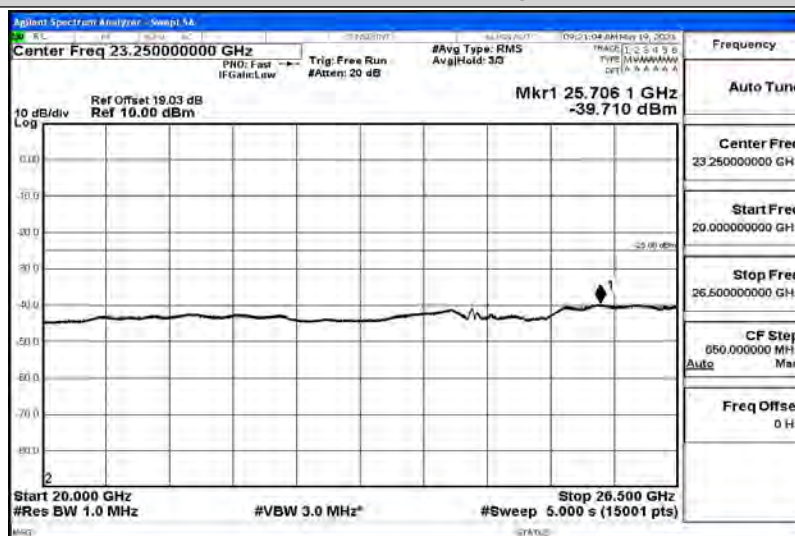
Band41-5MHz-16QAM-39675-1RB#0-Range2:1000~10000MHz



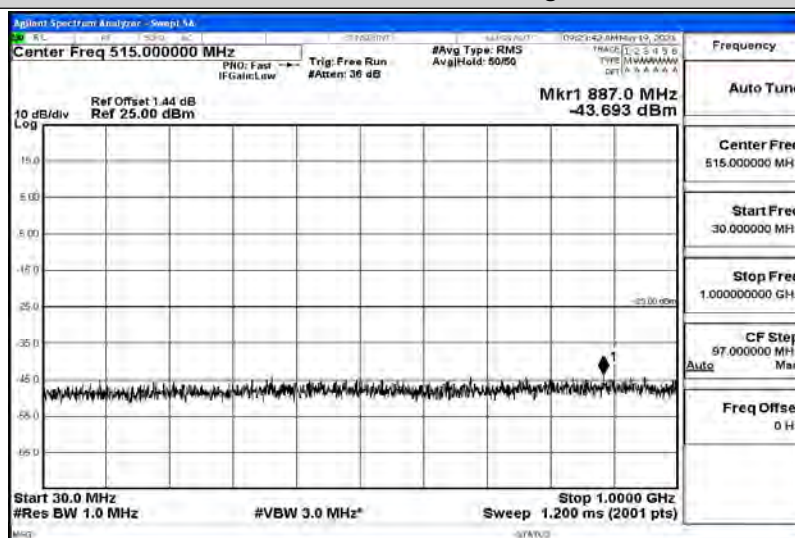
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Band41-5MHz-16QAM-39675-1RB#0-Range4:20000~26500MHz



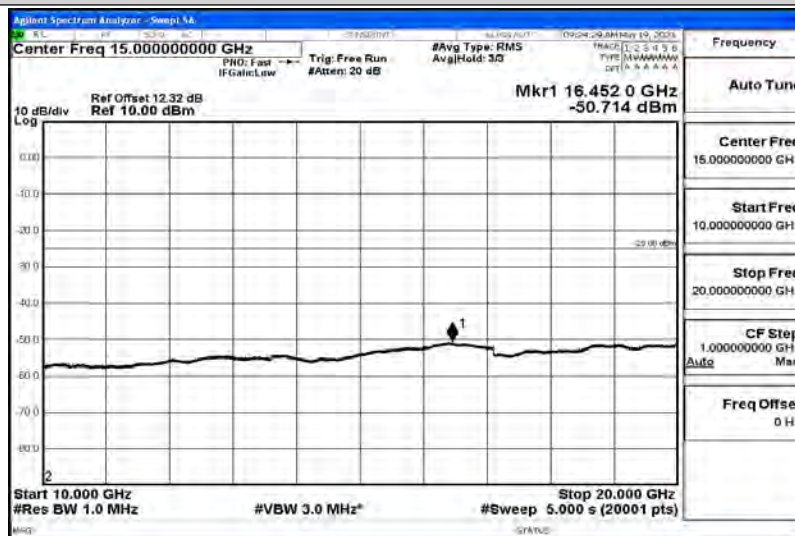
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Band41-5MHz-16QAM-40620-1RB#0-Range2:1000~10000MHz



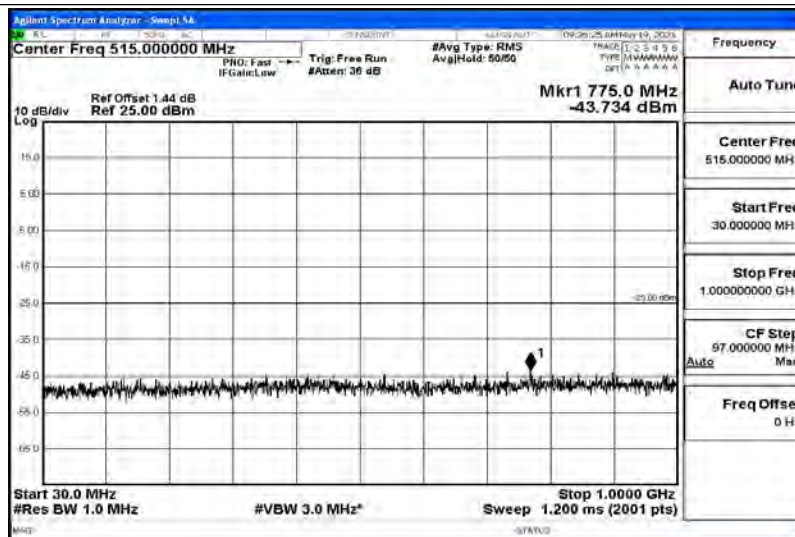
Band41-5MHz-16QAM-40620-1RB#0-Range3:10000~20000MHz



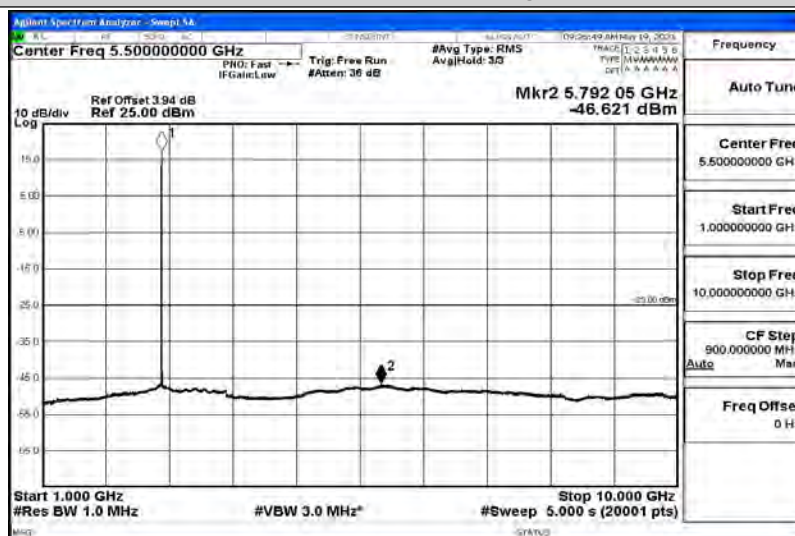
Band41-5MHz-16QAM-40620-1RB#0-Range4:20000~26500MHz



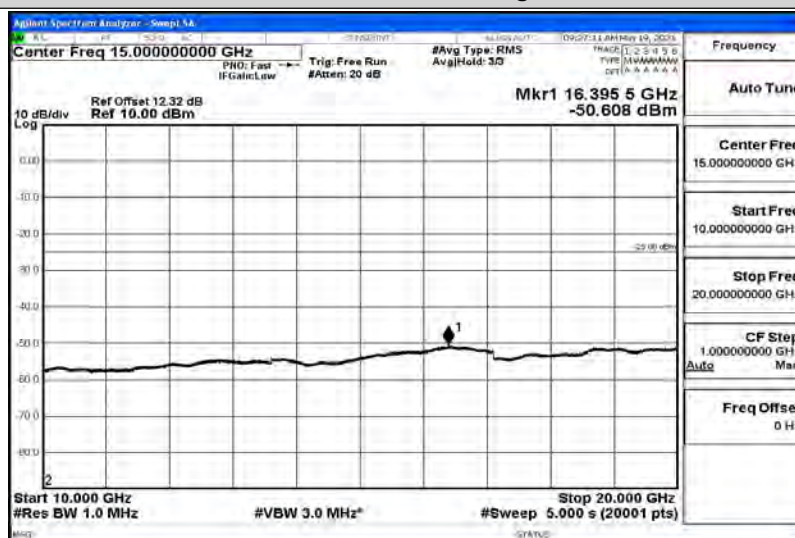
Band41-5MHz-16QAM-41565-1RB#0-Range1:30~1000MHz



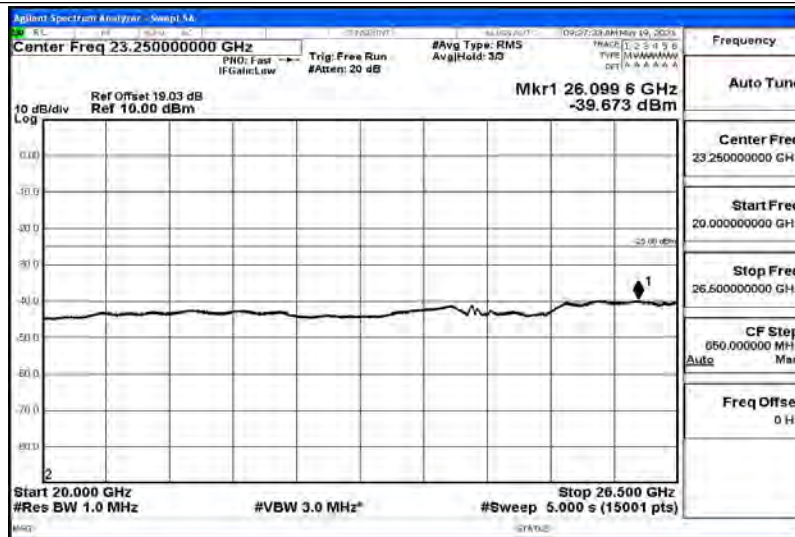
Band41-5MHz-16QAM-41565-1RB#0-Range2:1000~10000MHz



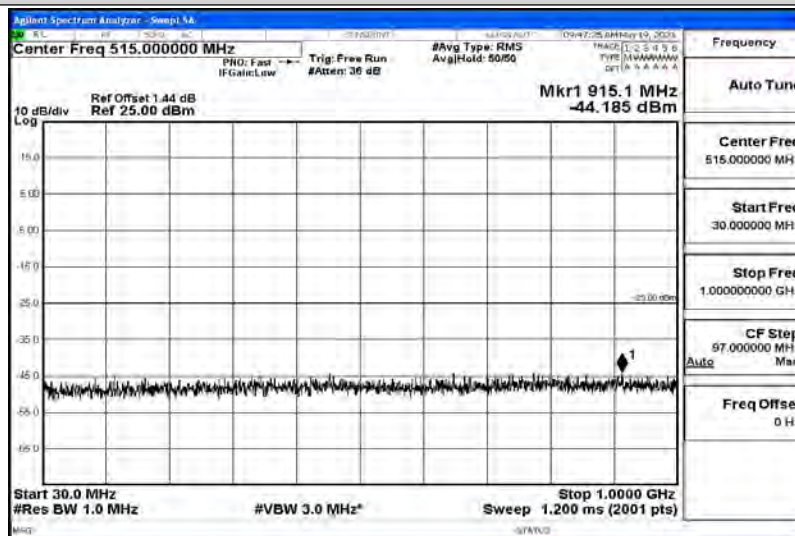
Band41-5MHz-16QAM-41565-1RB#0-Range3:10000~20000MHz



Band41-5MHz-16QAM-41565-1RB#0-Range4:20000~26500MHz



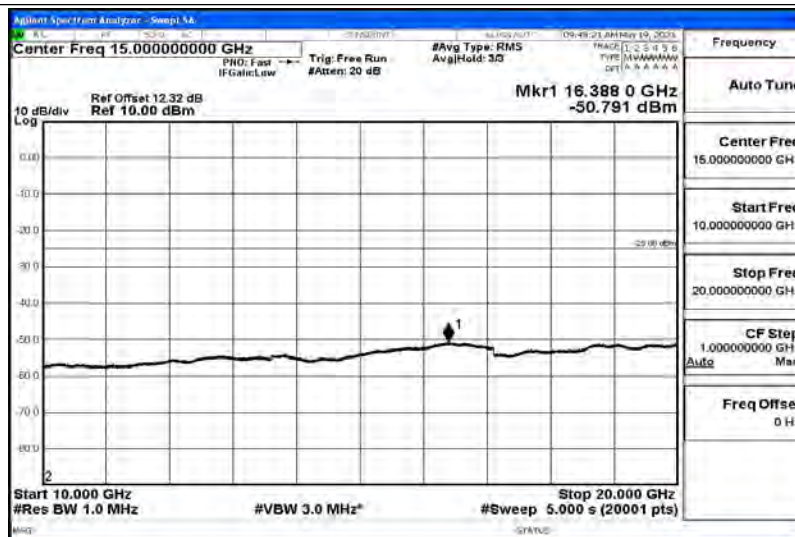
Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz



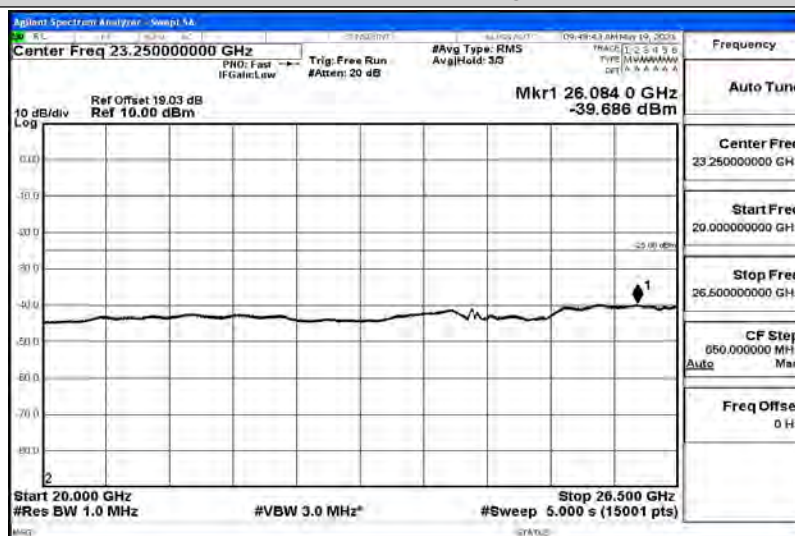
Band41-10MHz-QPSK-39700-1RB#0-Range2:1000~10000MHz



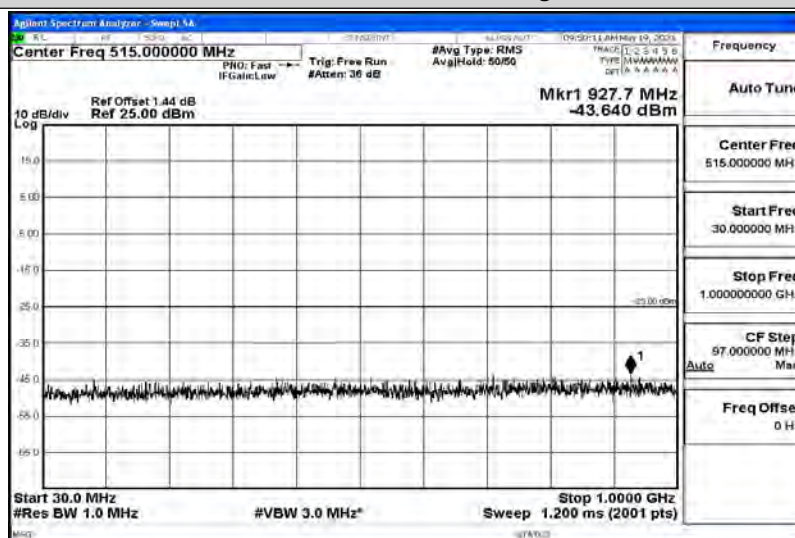
Band41-10MHz-QPSK-39700-1RB#0-Range3:10000~20000MHz



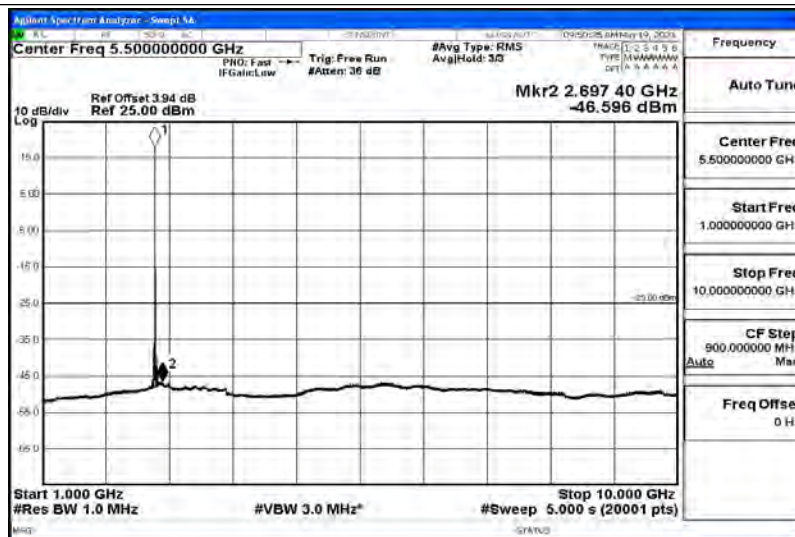
Band41-10MHz-QPSK-39700-1RB#0-Range4:20000~26500MHz



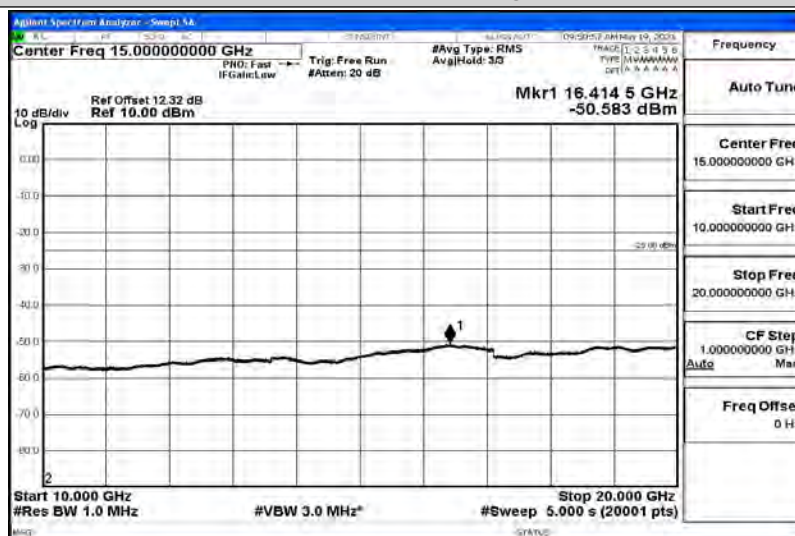
Band41-10MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



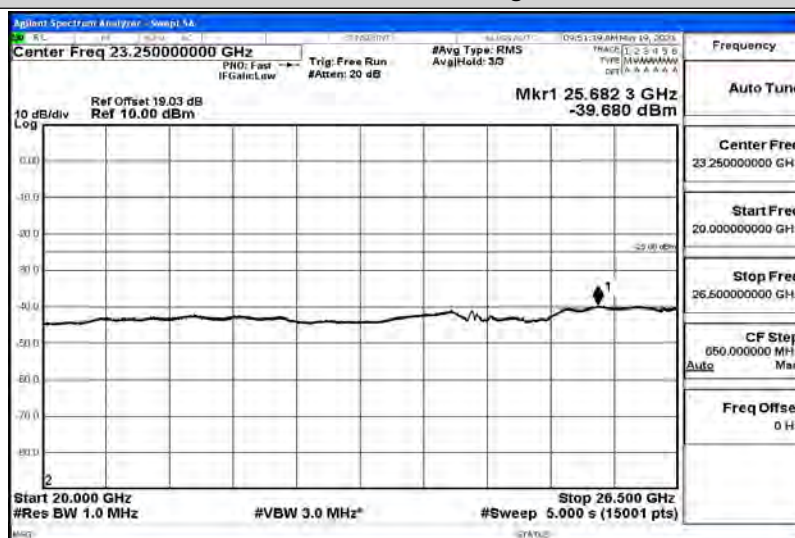
Band41-10MHz-QPSK-40620-1RB#0-Range2:1000~10000MHz



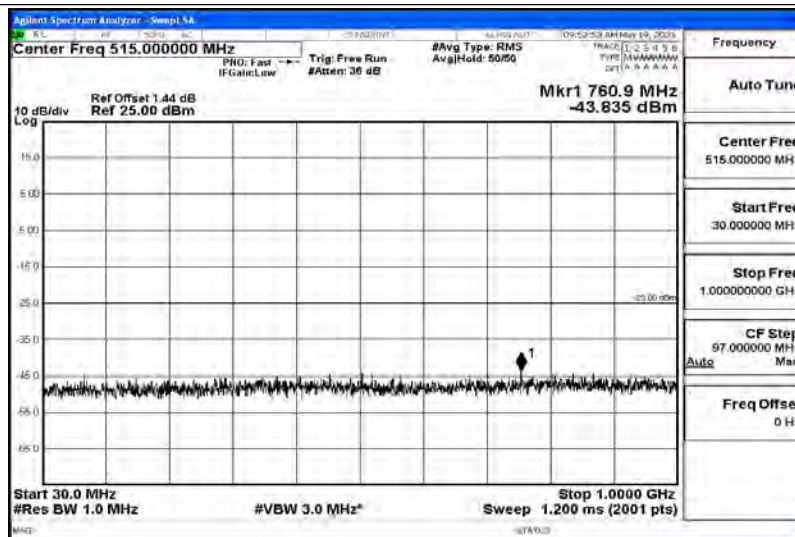
Band41-10MHz-QPSK-40620-1RB#0-Range3:10000~20000MHz



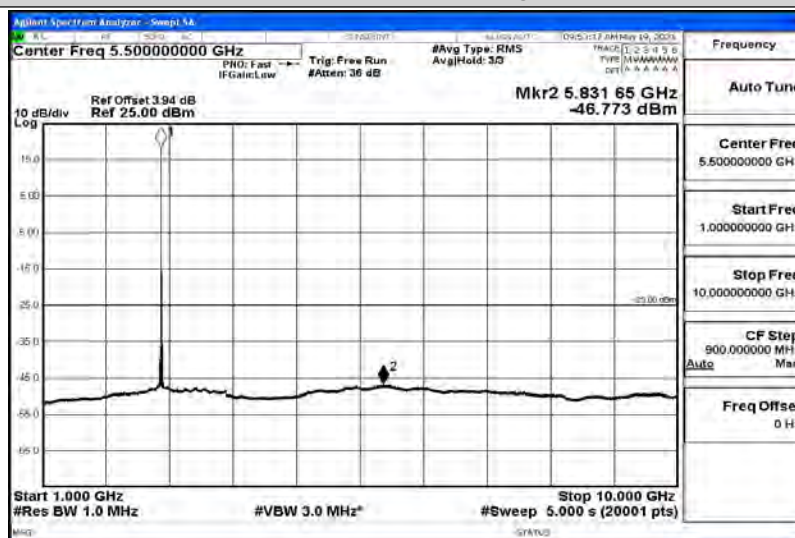
Band41-10MHz-QPSK-40620-1RB#0-Range4:20000~26500MHz



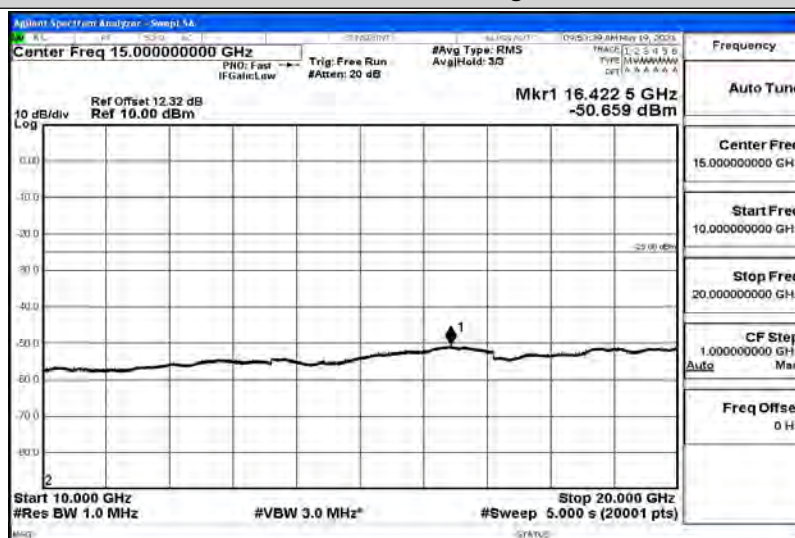
Band41-10MHz-QPSK-41540-1RB#0-Range1:30~1000MHz



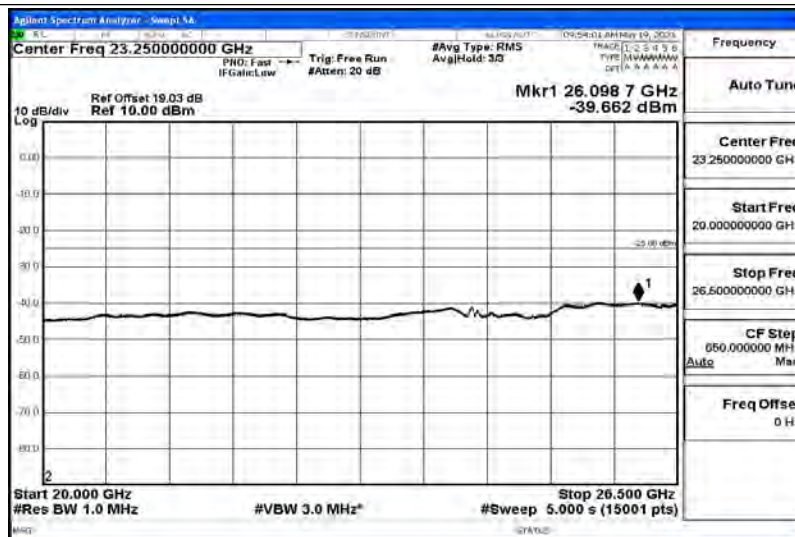
Band41-10MHz-QPSK-41540-1RB#0-Range2:1000~10000MHz



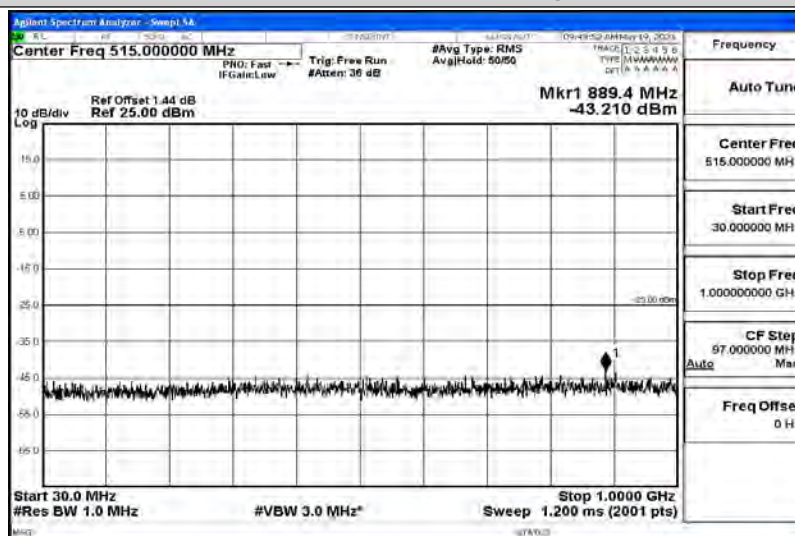
Band41-10MHz-QPSK-41540-1RB#0-Range3:10000~20000MHz



Band41-10MHz-QPSK-41540-1RB#0-Range4:20000~26500MHz



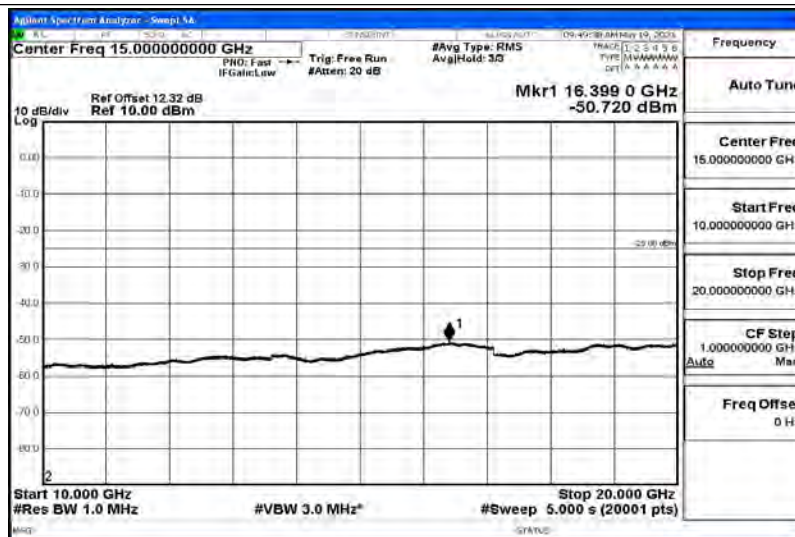
Band41-10MHz-16QAM-39700-1RB#0-Range1:30~1000MHz



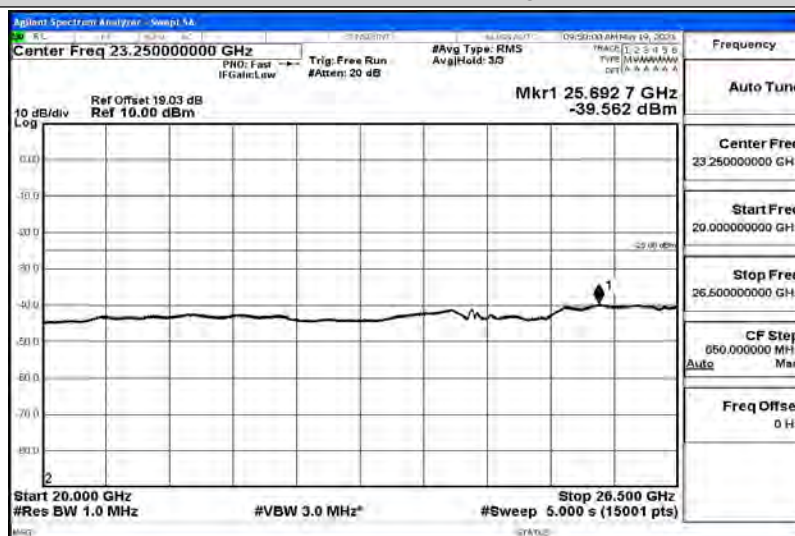
Band41-10MHz-16QAM-39700-1RB#0-Range2:1000~10000MHz



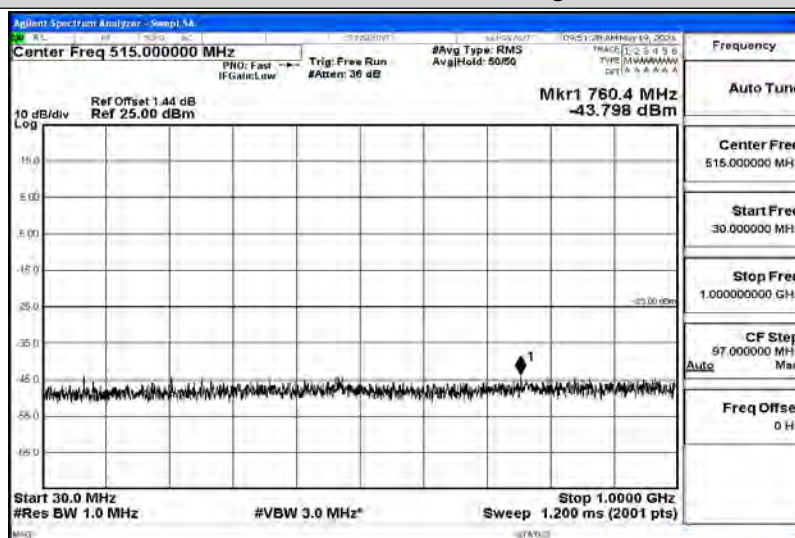
Band41-10MHz-16QAM-39700-1RB#0-Range3:10000~20000MHz



Band41-10MHz-16QAM-39700-1RB#0-Range4:20000~26500MHz



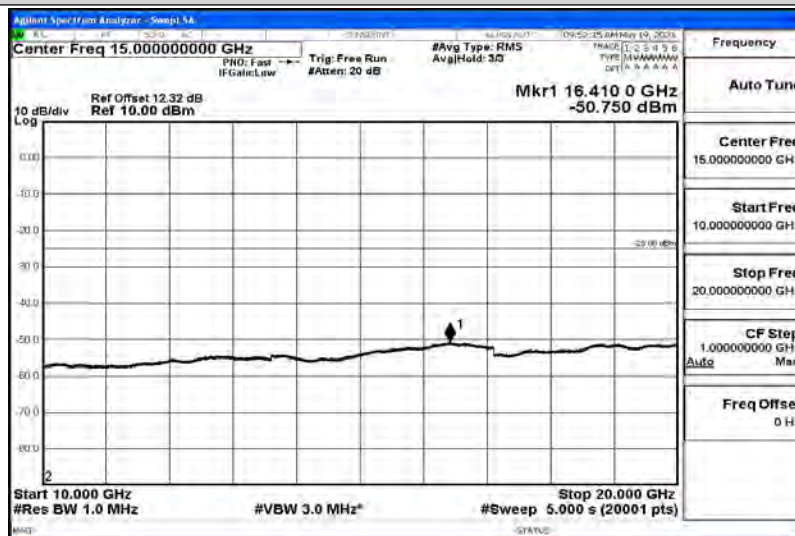
Band41-10MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-10MHz-16QAM-40620-1RB#0-Range2:1000~10000MHz



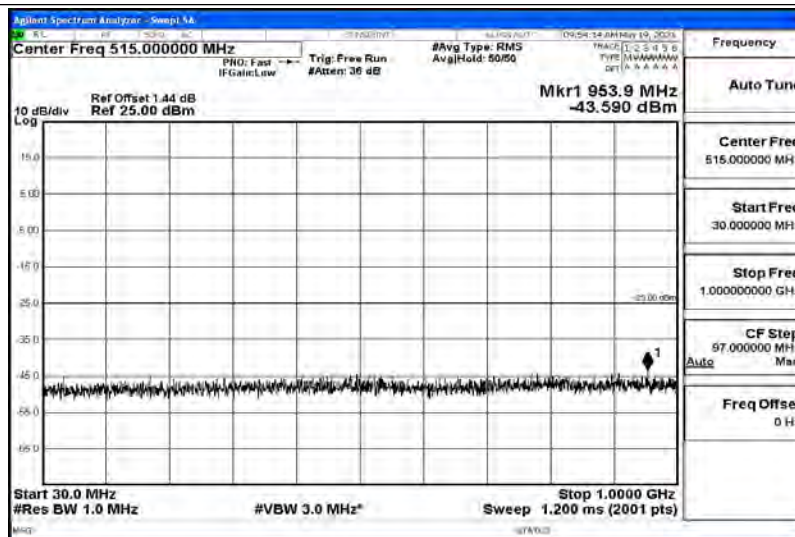
Band41-10MHz-16QAM-40620-1RB#0-Range3:10000~20000MHz



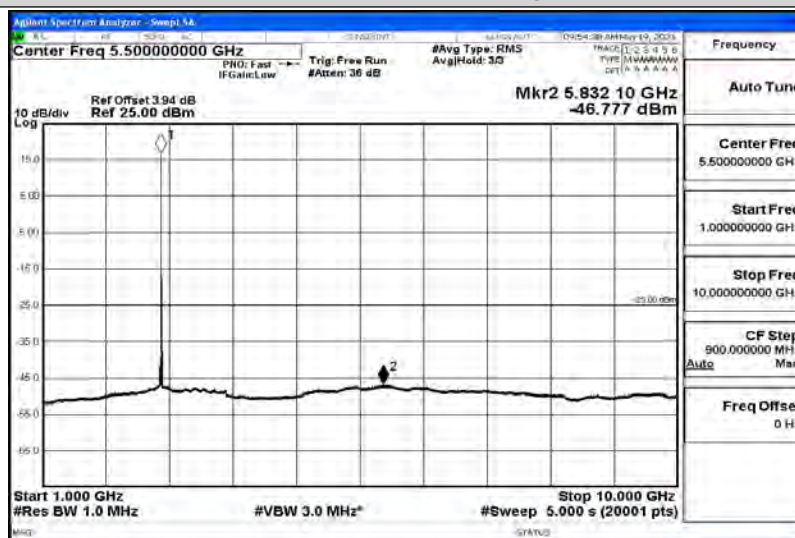
Band41-10MHz-16QAM-40620-1RB#0-Range4:20000~26500MHz



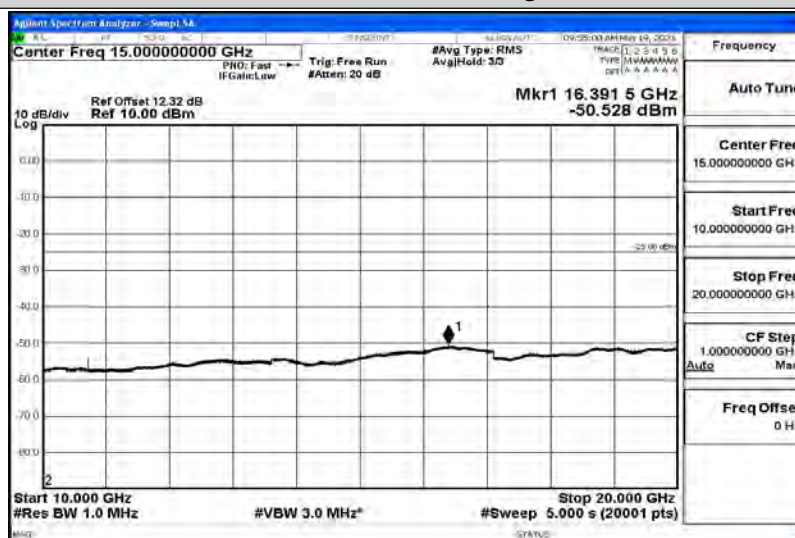
Band41-10MHz-16QAM-41540-1RB#0-Range1:30~1000MHz



Band41-10MHz-16QAM-41540-1RB#0-Range2:1000~10000MHz



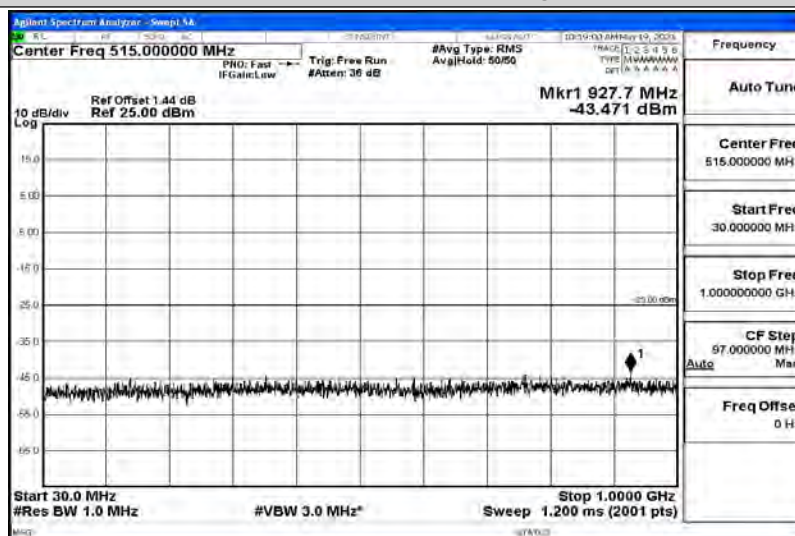
Band41-10MHz-16QAM-41540-1RB#0-Range3:10000~20000MHz



Band41-10MHz-16QAM-41540-1RB#0-Range4:20000~26500MHz



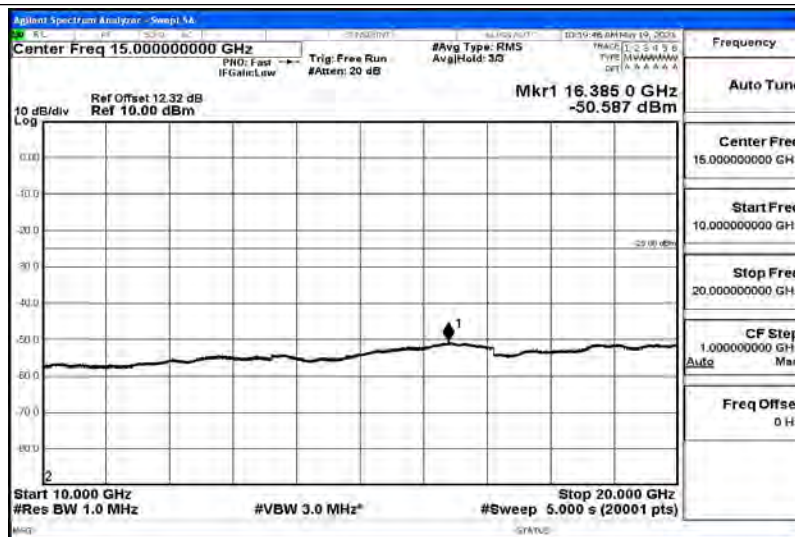
Band41-15MHz-QPSK-39725-1RB#0-Range1:30~1000MHz



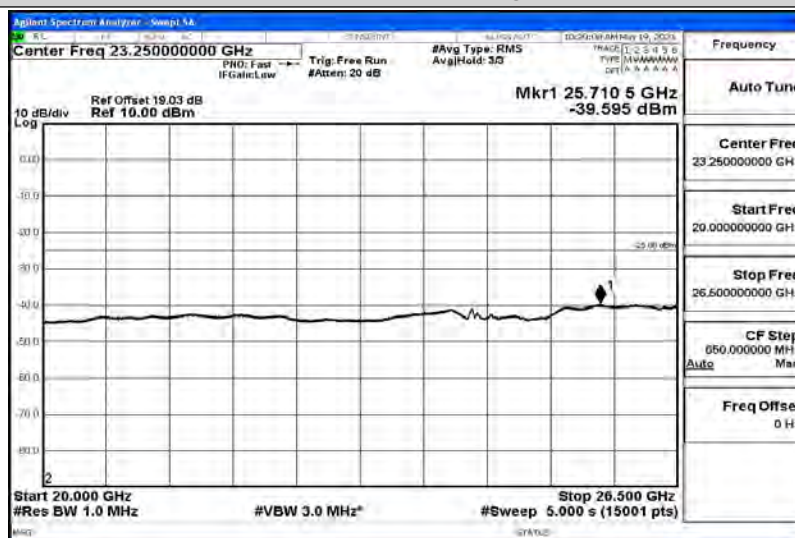
Band41-15MHz-QPSK-39725-1RB#0-Range2:1000~10000MHz



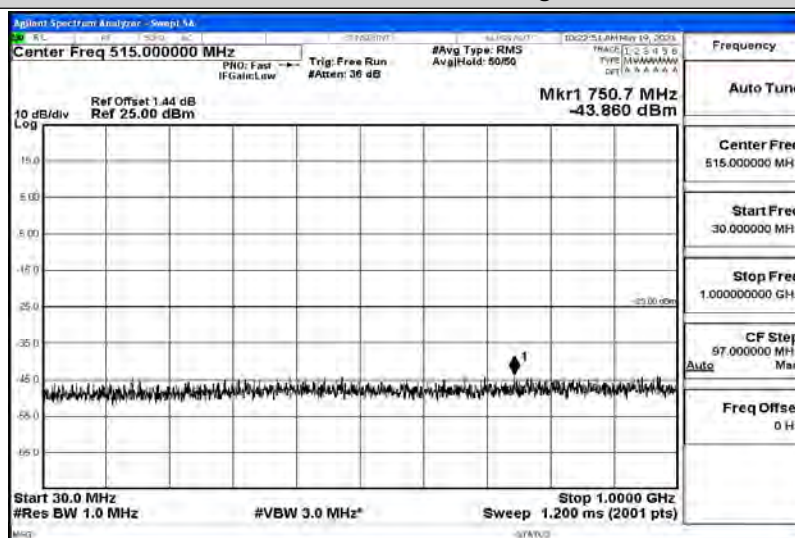
Band41-15MHz-QPSK-39725-1RB#0-Range3:10000~20000MHz



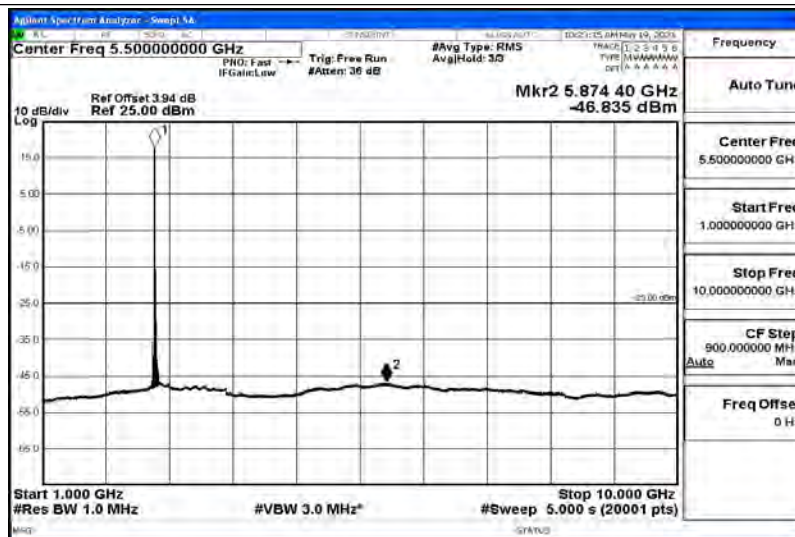
Band41-15MHz-QPSK-39725-1RB#0-Range4:20000~26500MHz



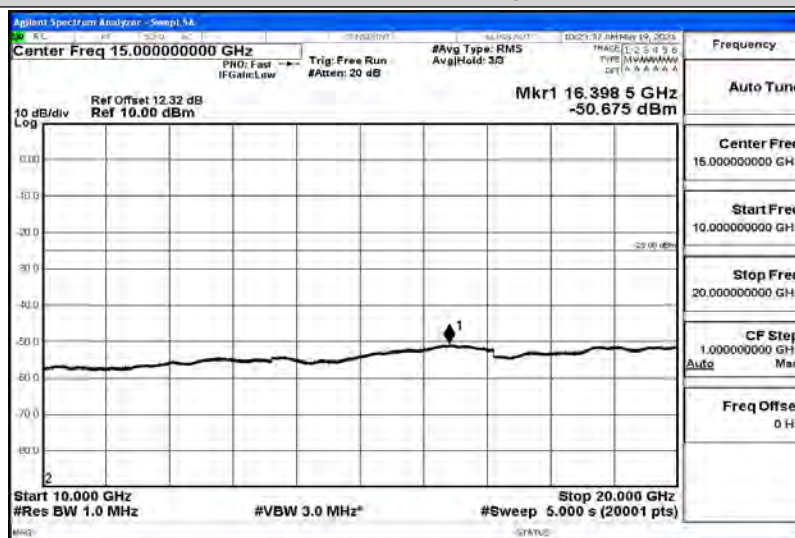
Band41-15MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



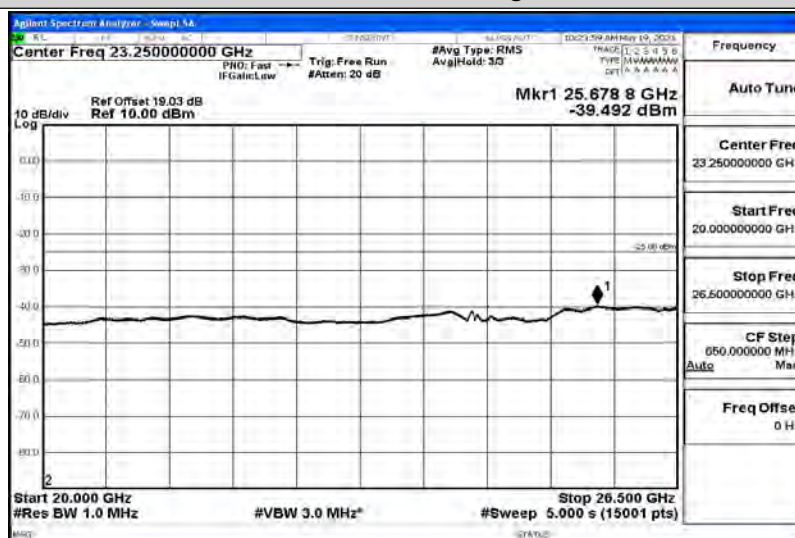
Band41-15MHz-QPSK-40620-1RB#0-Range2:1000~10000MHz



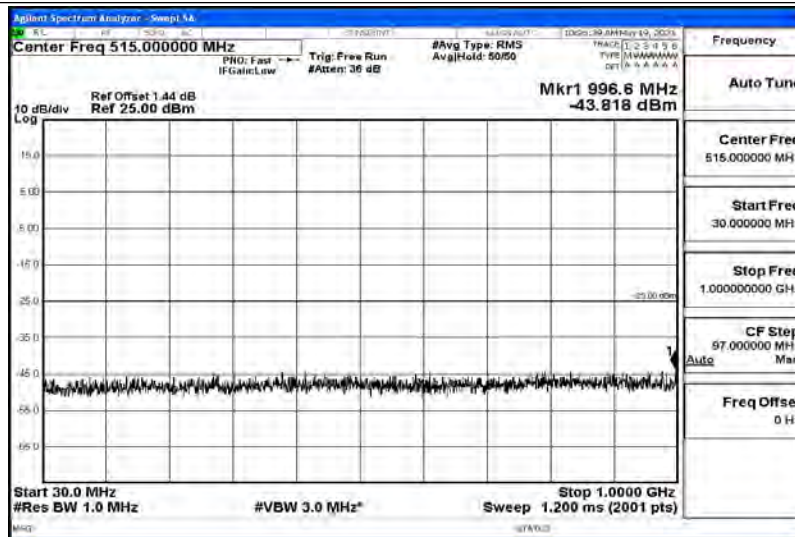
Band41-15MHz-QPSK-40620-1RB#0-Range3:10000~20000MHz



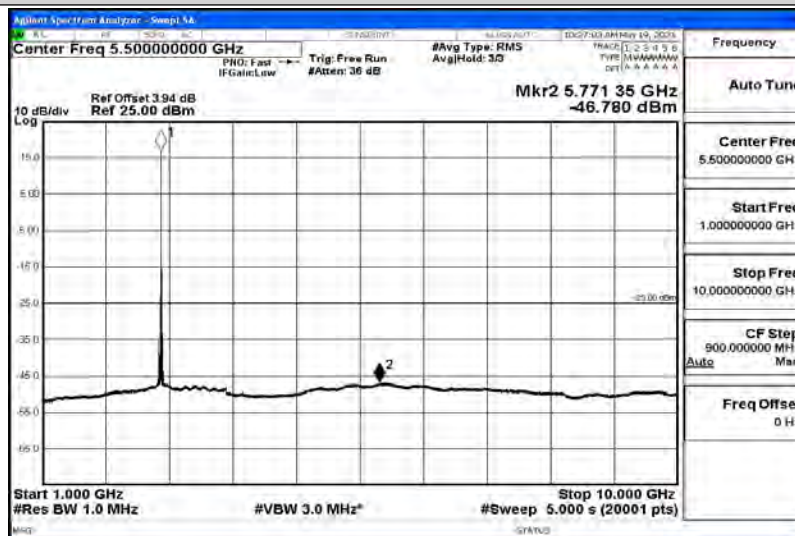
Band41-15MHz-QPSK-40620-1RB#0-Range4:20000~26500MHz



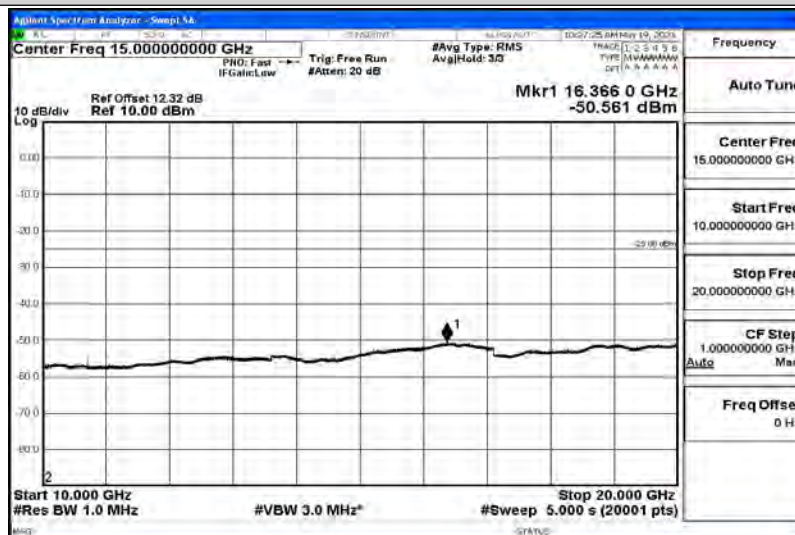
Band41-15MHz-QPSK-41515-1RB#0-Range1:30~1000MHz



Band41-15MHz-QPSK-41515-1RB#0-Range2:1000~10000MHz



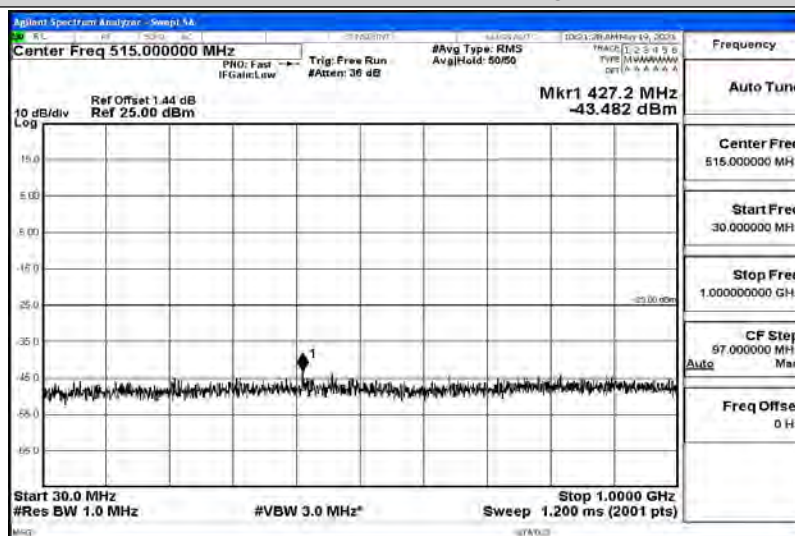
Band41-15MHz-QPSK-41515-1RB#0-Range3:10000~20000MHz



Band41-15MHz-QPSK-41515-1RB#0-Range4:20000~26500MHz



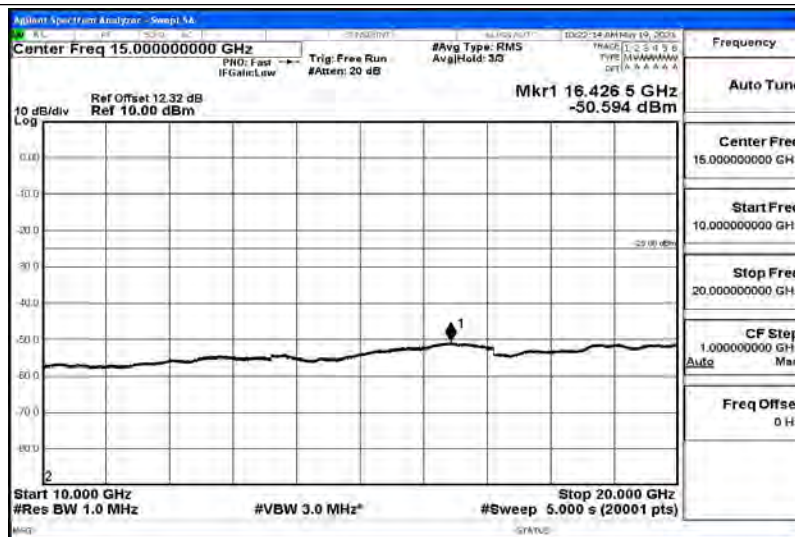
Band41-15MHz-16QAM-39725-1RB#0-Range1:30~1000MHz



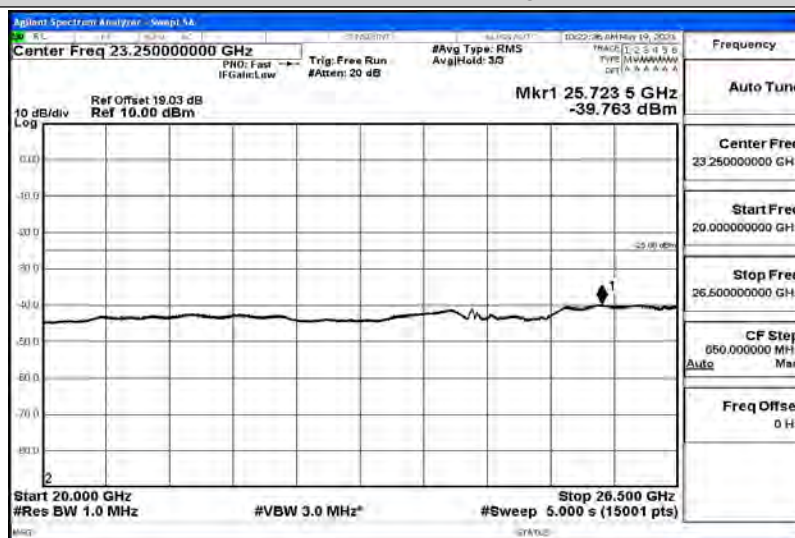
Band41-15MHz-16QAM-39725-1RB#0-Range2:1000~10000MHz



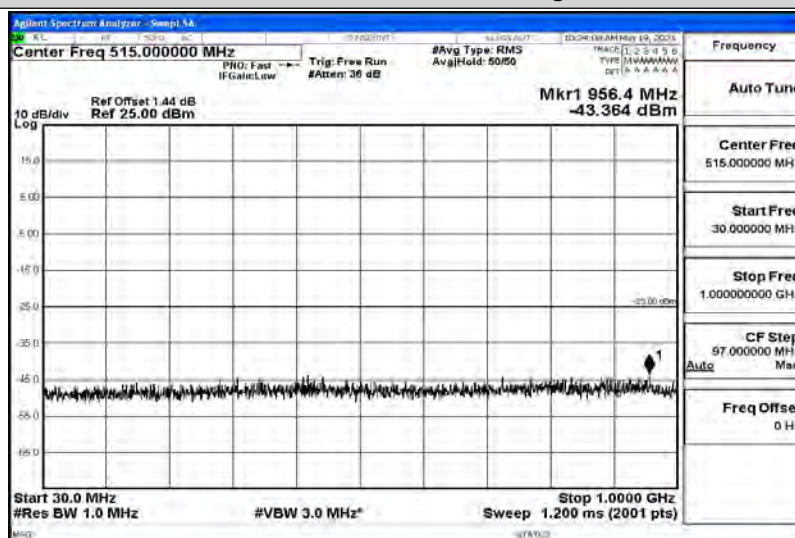
Band41-15MHz-16QAM-39725-1RB#0-Range3:10000~20000MHz



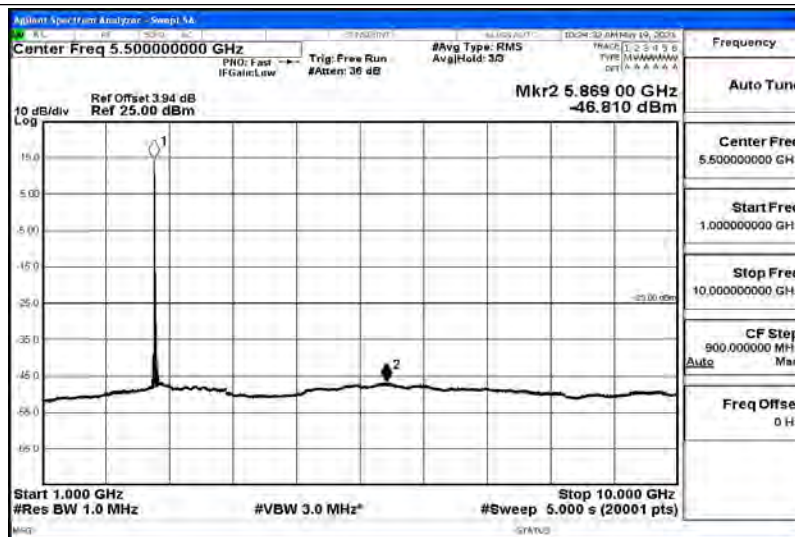
Band41-15MHz-16QAM-39725-1RB#0-Range4:20000~26500MHz



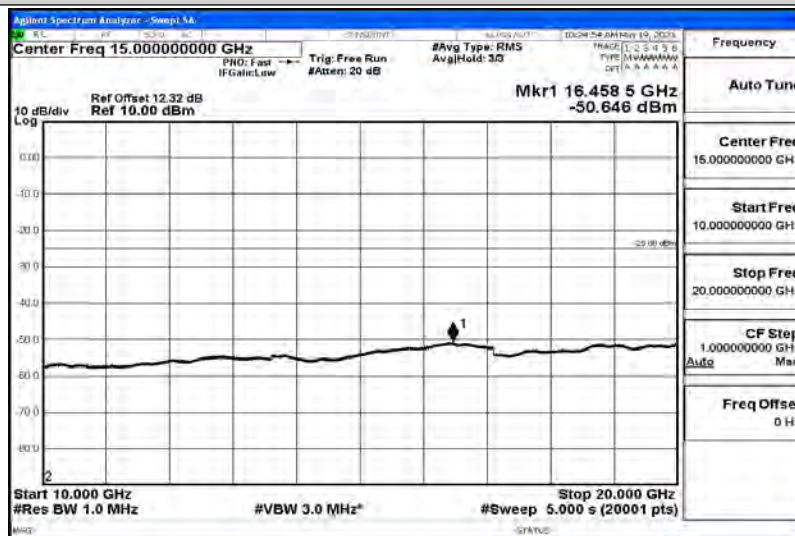
Band41-15MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-15MHz-16QAM-40620-1RB#0-Range2:1000~10000MHz



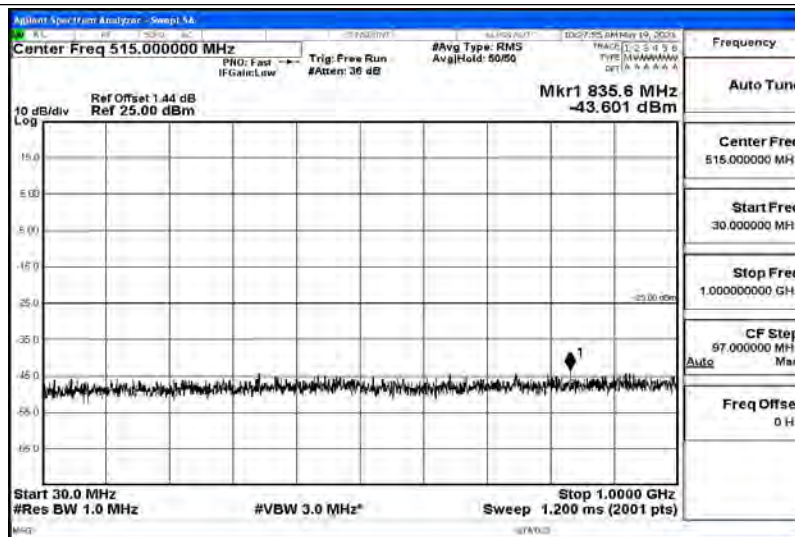
Band41-15MHz-16QAM-40620-1RB#0-Range3:10000~20000MHz



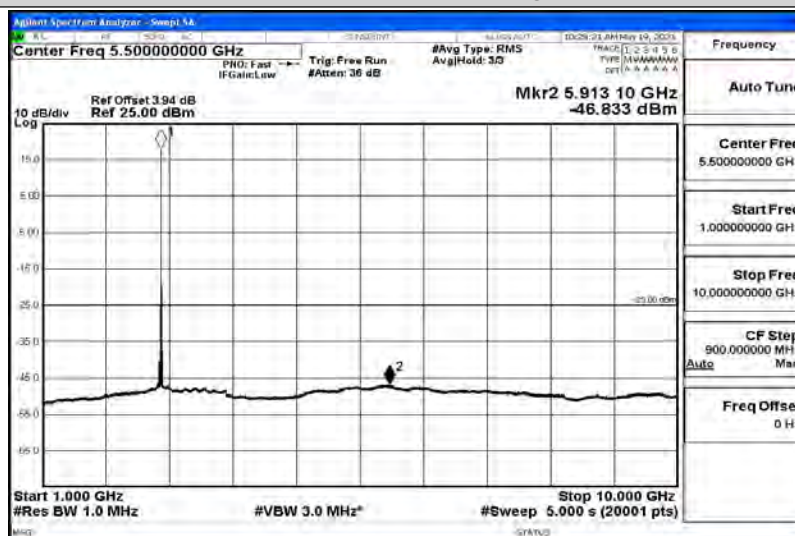
Band41-15MHz-16QAM-40620-1RB#0-Range4:20000~26500MHz



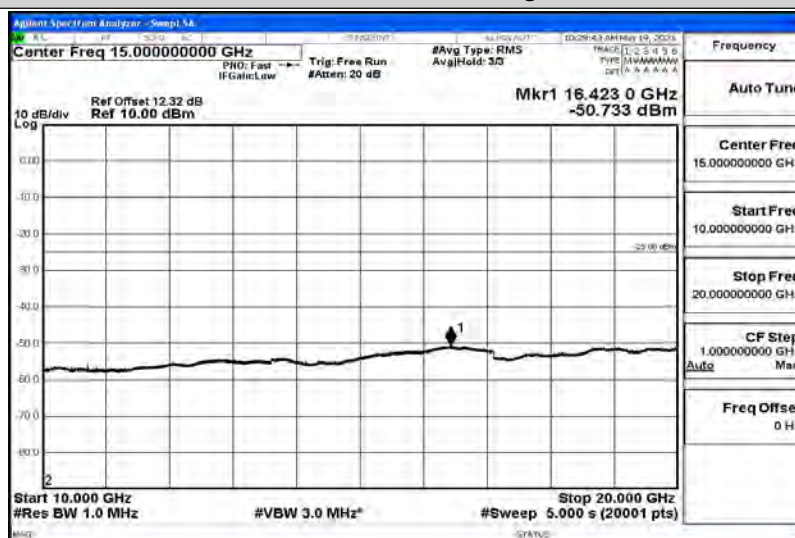
Band41-15MHz-16QAM-41515-1RB#0-Range1:30~1000MHz



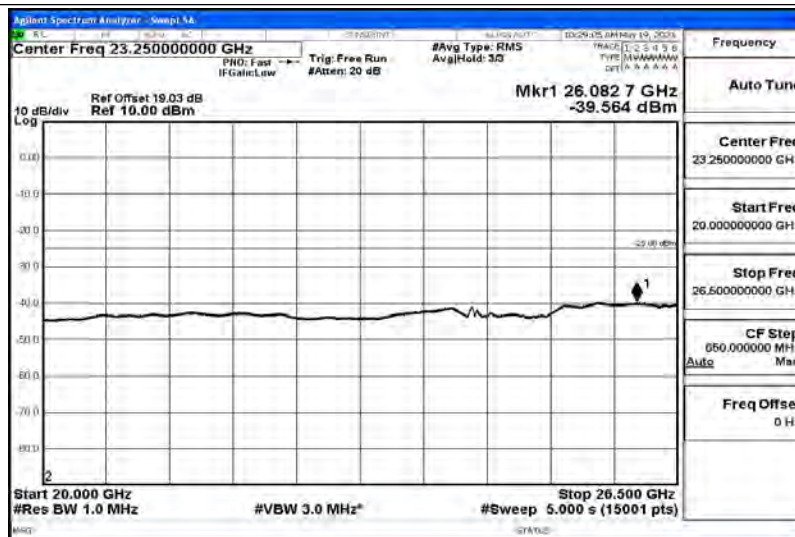
Band41-15MHz-16QAM-41515-1RB#0-Range2:1000~10000MHz



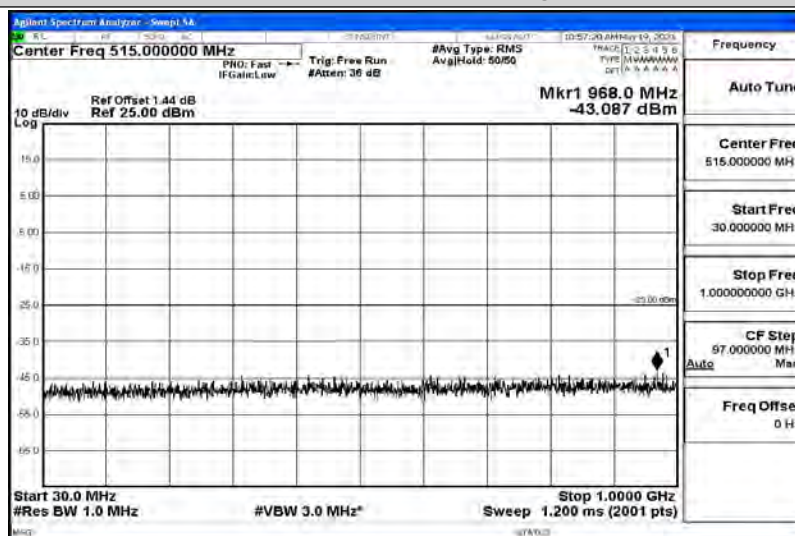
Band41-15MHz-16QAM-41515-1RB#0-Range3:10000~20000MHz



Band41-15MHz-16QAM-41515-1RB#0-Range4:20000~26500MHz



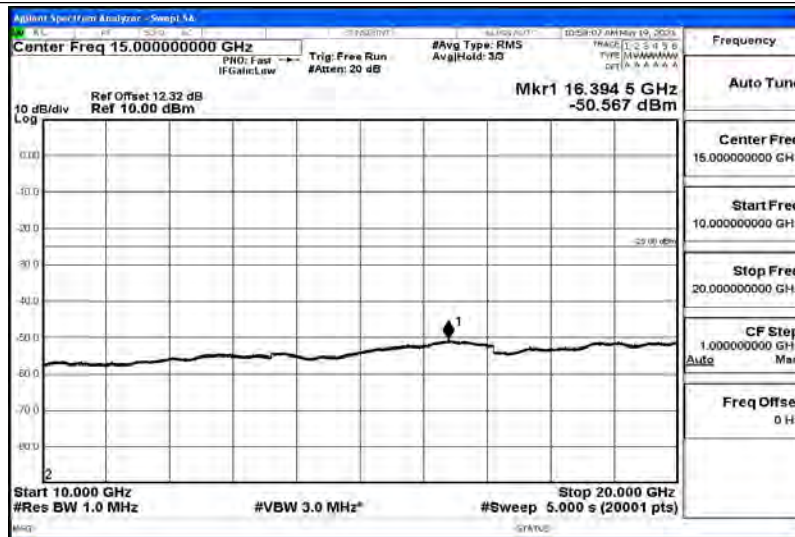
Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~10000MHz



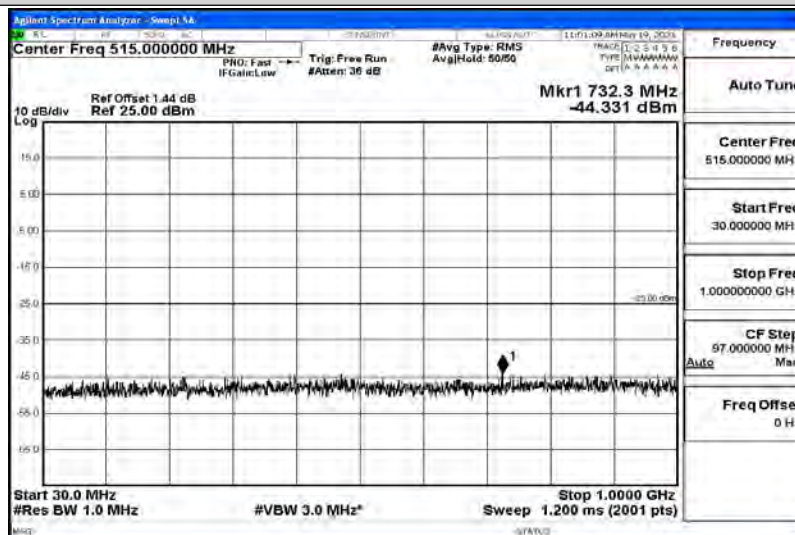
Band41-20MHz-QPSK-39750-1RB#0-Range3:10000~20000MHz



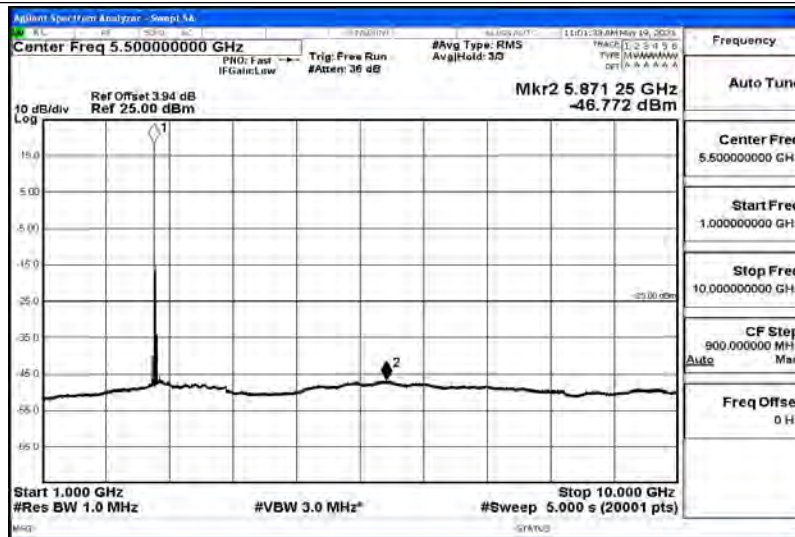
Band41-20MHz-QPSK-39750-1RB#0-Range4:20000~26500MHz



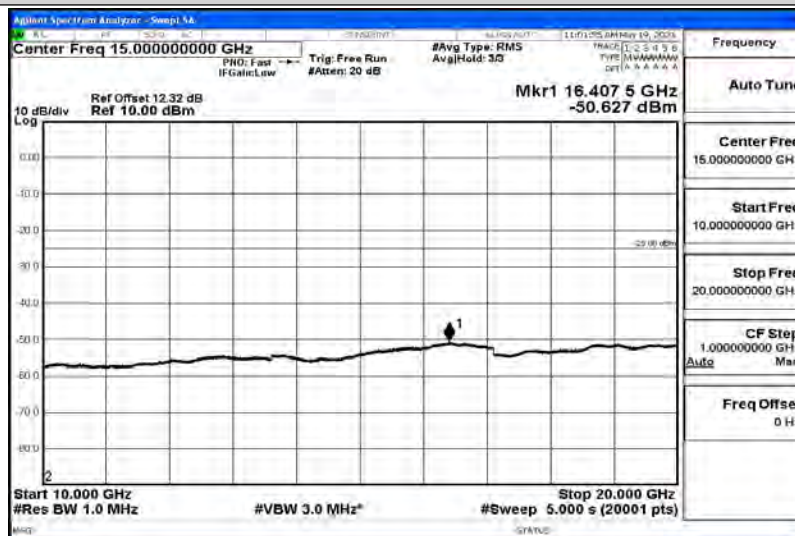
Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~10000MHz



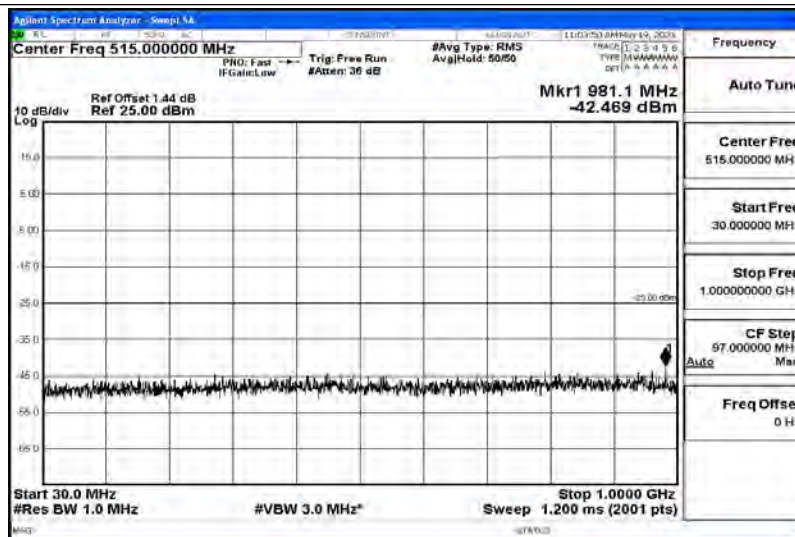
Band41-20MHz-QPSK-40620-1RB#0-Range3:10000~20000MHz



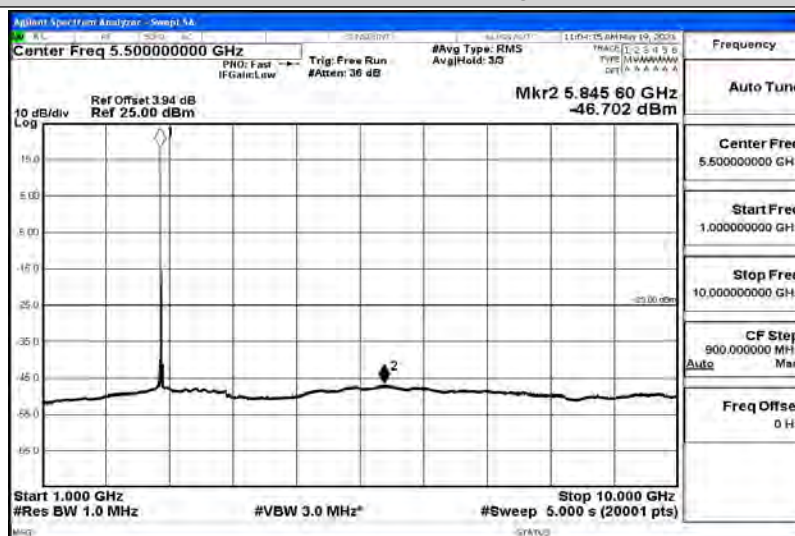
Band41-20MHz-QPSK-40620-1RB#0-Range4:20000~26500MHz



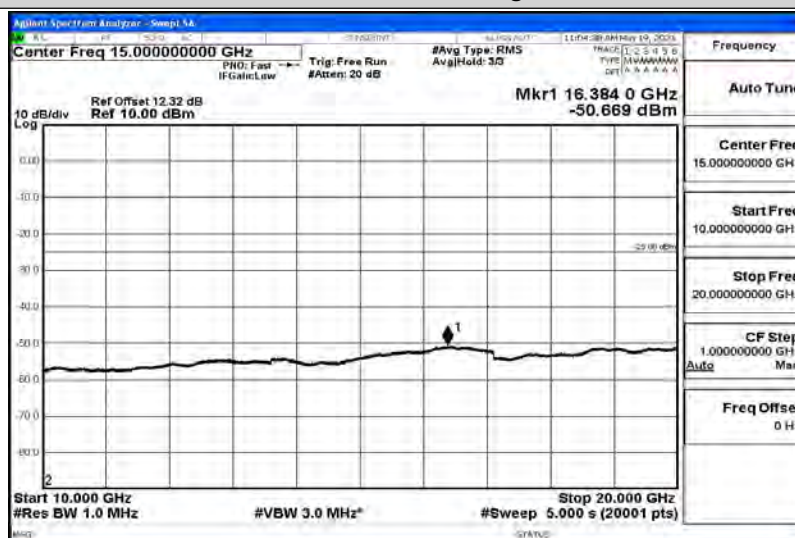
Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz



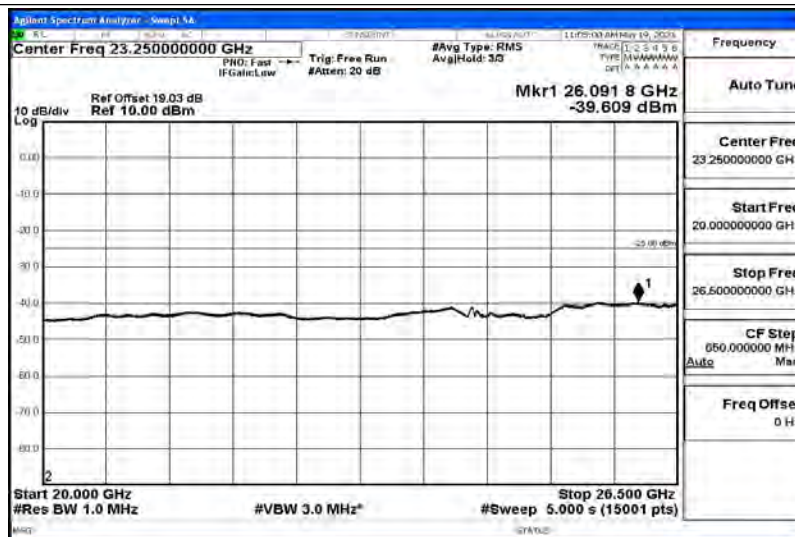
Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~10000MHz



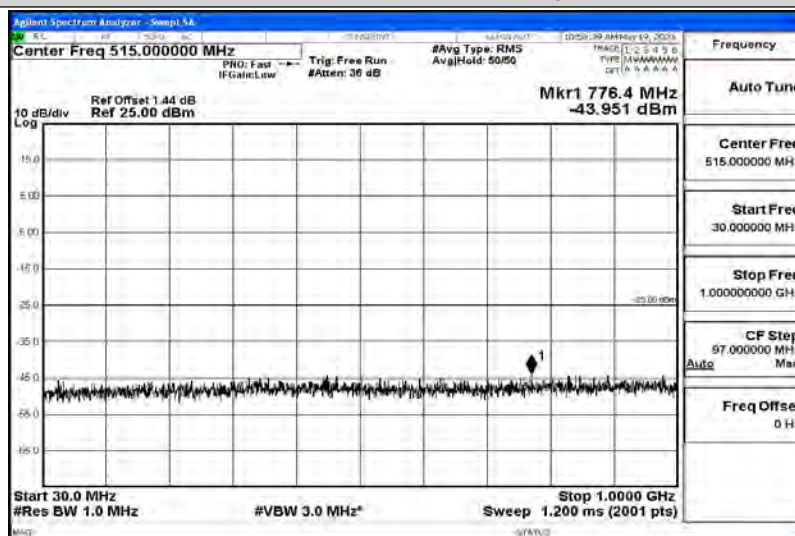
Band41-20MHz-QPSK-41490-1RB#0-Range3:10000~20000MHz



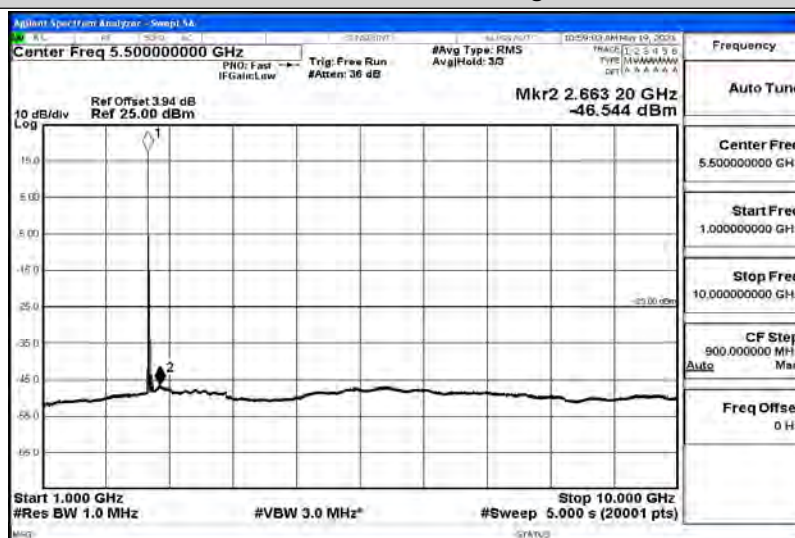
Band41-20MHz-QPSK-41490-1RB#0-Range4:20000~26500MHz



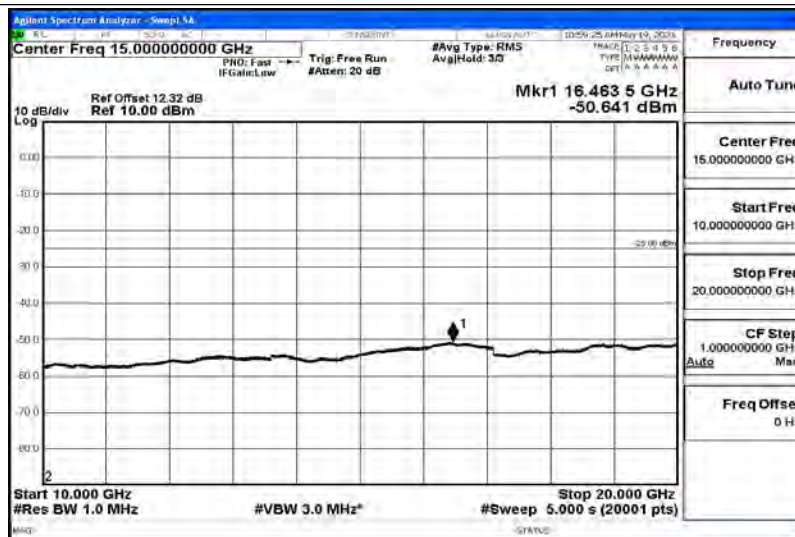
Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



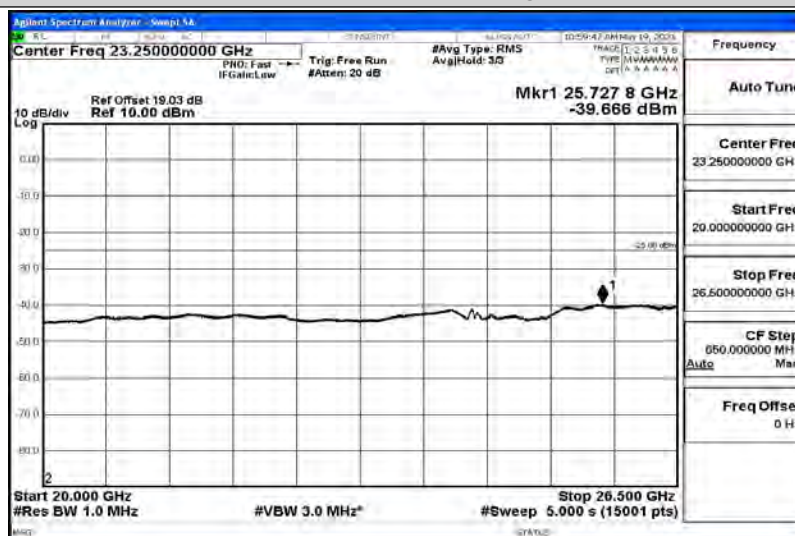
Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~10000MHz



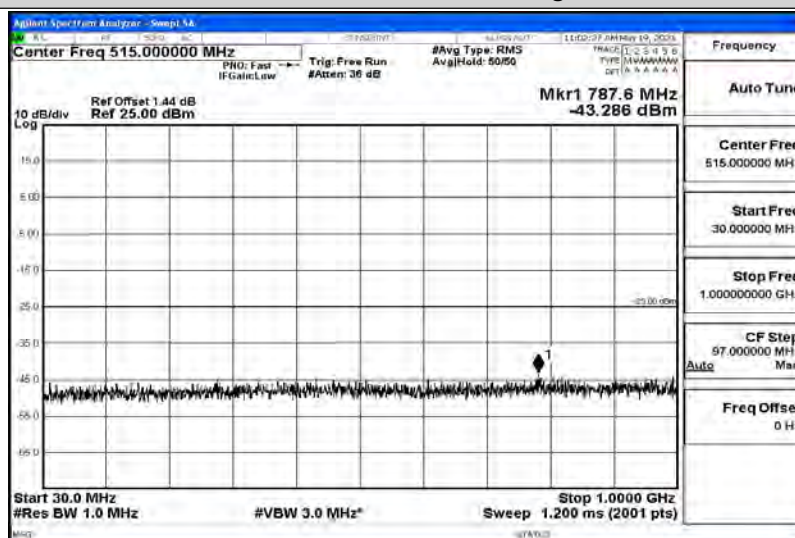
Band41-20MHz-16QAM-39750-1RB#0-Range3:10000~20000MHz



Band41-20MHz-16QAM-39750-1RB#0-Range4:20000~26500MHz



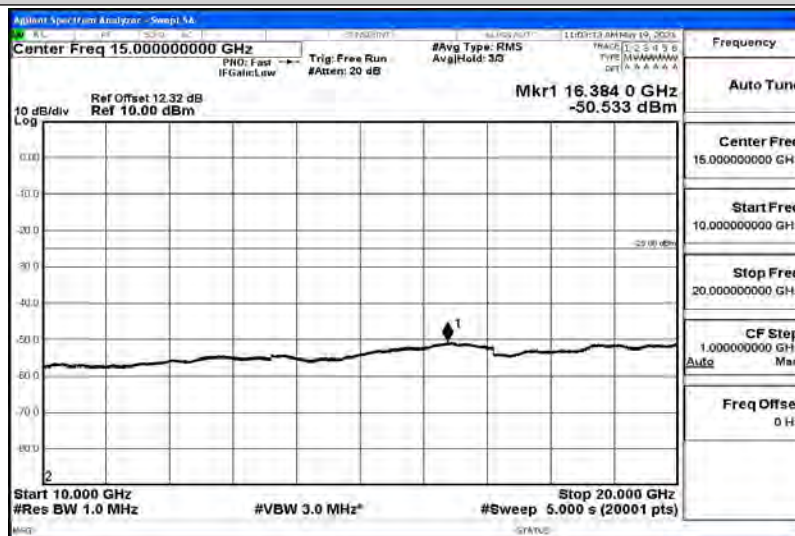
Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~10000MHz



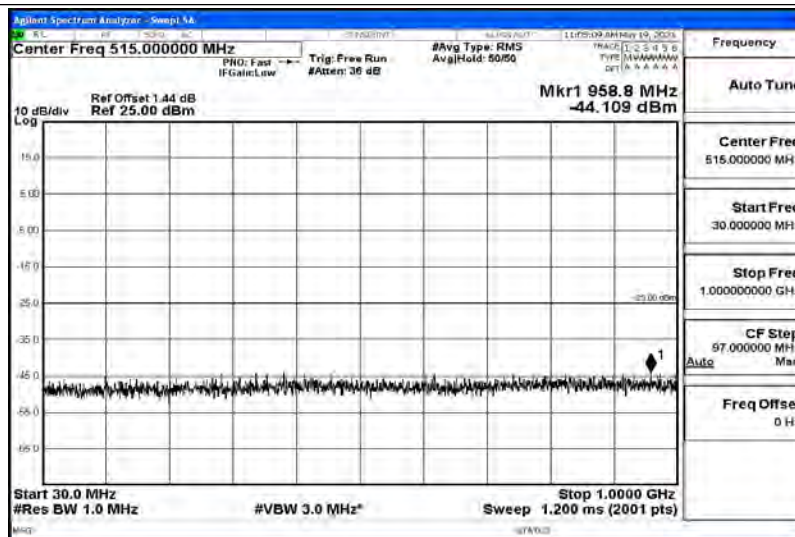
Band41-20MHz-16QAM-40620-1RB#0-Range3:10000~20000MHz



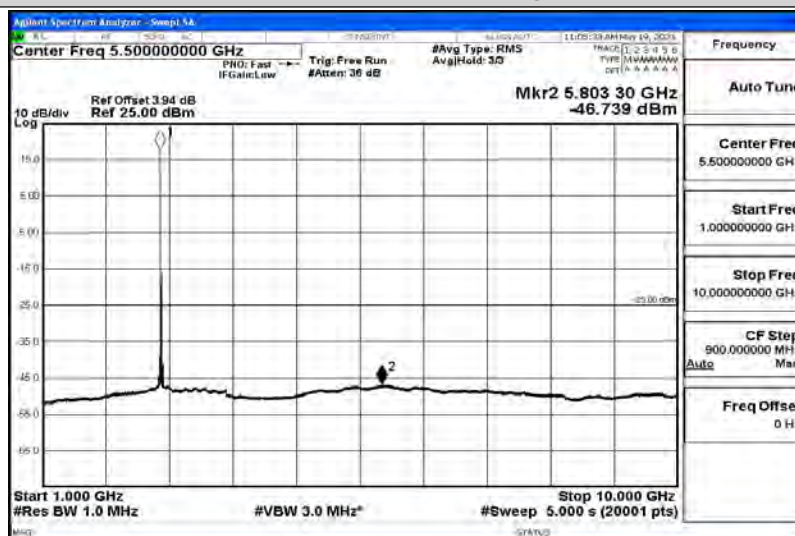
Band41-20MHz-16QAM-40620-1RB#0-Range4:20000~26500MHz



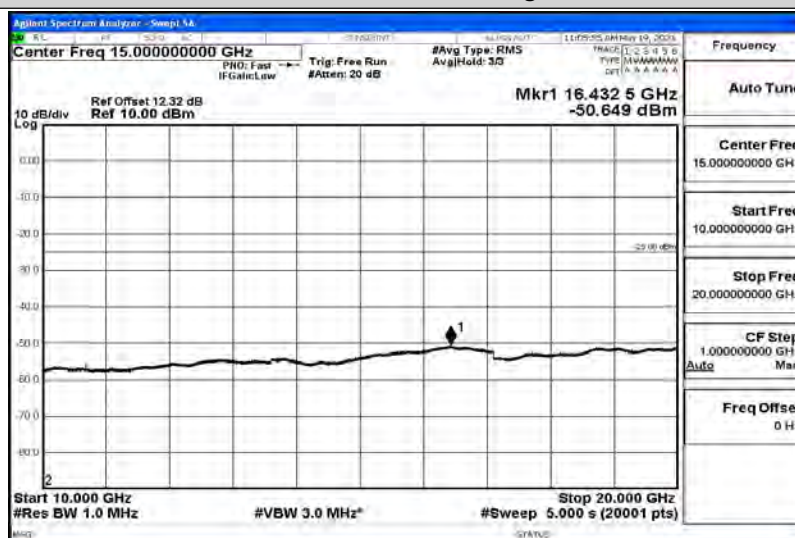
Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz



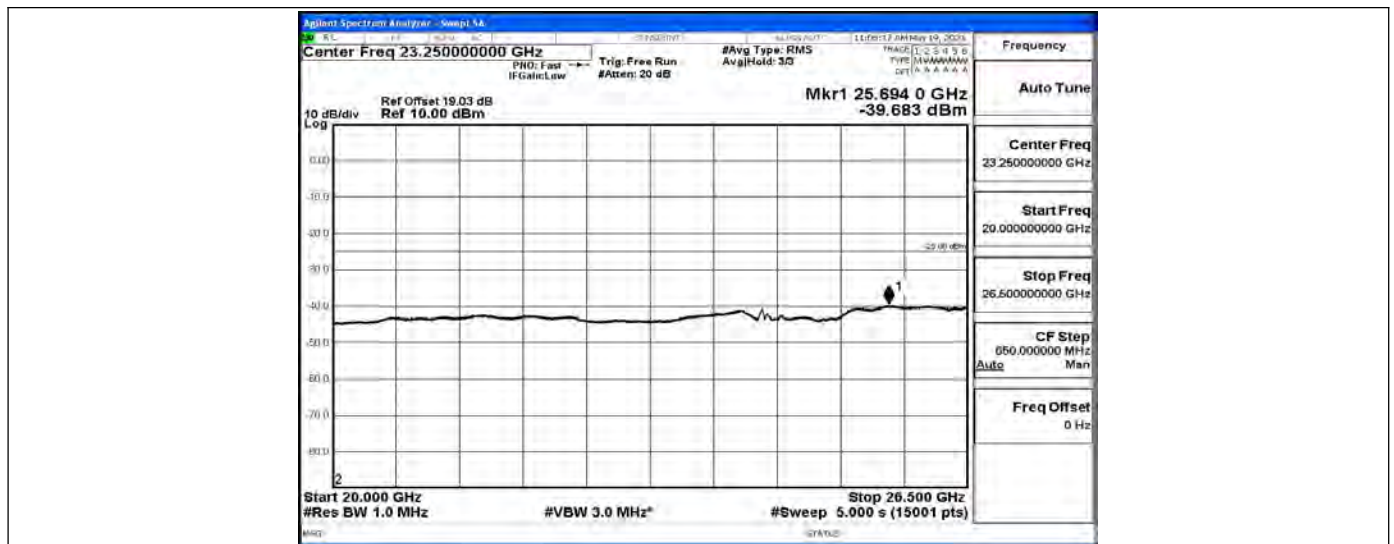
Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~10000MHz



Band41-20MHz-16QAM-41490-1RB#0-Range3:10000~20000MHz



Band41-20MHz-16QAM-41490-1RB#0-Range4:20000~26500MHz



Note: Not recorded test plots from 9 KHz to 30 MHz as emission levels 20dB lower than emission limit.