Appendix K: Test Data for E-UTRA Band 38

Product Name: Rugged Tablet

Test Model: LT901

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li huan

K.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	20.79	PASS
Band38	5MHz	QPSK	37775	1RB#12	20.91	PASS
Band38	5MHz	QPSK	37775	1RB#24	20.78	PASS
Band38	5MHz	QPSK	37775	12RB#0	19.95	PASS
Band38	5MHz	QPSK	37775	12RB#6	19.95	PASS
Band38	5MHz	QPSK	37775	12RB#13	19.91	PASS
Band38	5MHz	QPSK	37775	25RB#0	19.94	PASS
Band38	5MHz	QPSK	38000	1RB#0	20.65	PASS
Band38	5MHz	QPSK	38000	1RB#12	20.59	PASS
Band38	5MHz	QPSK	38000	1RB#24	20.55	PASS
Band38	5MHz	QPSK	38000	12RB#0	19.71	PASS
Band38	5MHz	QPSK	38000	12RB#6	19.71	PASS
Band38	5MHz	QPSK	38000	12RB#13	19.63	PASS
Band38	5MHz	QPSK	38000	25RB#0	19.70	PASS
Band38	5MHz	QPSK	38225	1RB#0	20.71	PASS
Band38	5MHz	QPSK	38225	1RB#12	20.78	PASS
Band38	5MHz	QPSK	38225	1RB#24	20.71	PASS
Band38	5MHz	QPSK	38225	12RB#0	19.83	PASS
Band38	5MHz	QPSK	38225	12RB#6	19.84	PASS
Band38	5MHz	QPSK	38225	12RB#13	19.79	PASS
Band38	5MHz	QPSK	38225	25RB#0	19.81	PASS
Band38	5MHz	16QAM	37775	1RB#0	19.77	PASS
Band38	5MHz	16QAM	37775	1RB#12	19.66	PASS
Band38	5MHz	16QAM	37775	1RB#24	19.77	PASS
Band38	5MHz	16QAM	37775	12RB#0	18.80	PASS
Band38	5MHz	16QAM	37775	12RB#6	18.84	PASS
Band38	5MHz	16QAM	37775	12RB#13	18.77	PASS
Band38	5MHz	16QAM	37775	25RB#0	18.90	PASS
Band38	5MHz	16QAM	38000	1RB#0	19.38	PASS
Band38	5MHz	16QAM	38000	1RB#12	19.43	PASS
Band38	5MHz	16QAM	38000	1RB#24	19.25	PASS
Band38	5MHz	16QAM	38000	12RB#0	18.54	PASS

Band38	5MHz	16QAM	38000	12RB#6	18.54	PASS
Band38	5MHz	16QAM	38000	12RB#13	18.55	PASS
Band38	5MHz	16QAM	38000	25RB#0	18.73	PASS
Band38	5MHz	16QAM	38225	1RB#0	19.85	PASS
Band38	5MHz	16QAM	38225	1RB#12	19.96	PASS
Band38	5MHz	16QAM	38225	1RB#24	20.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	18.71	PASS
Band38	5MHz	16QAM	38225	12RB#6	18.71	PASS
Band38	5MHz	16QAM	38225	12RB#13	18.77	PASS
Band38	5MHz	16QAM	38225	25RB#0	18.78	PASS
Band38	10MHz	QPSK	37800	1RB#0	20.73	PASS
Band38	10MHz	QPSK	37800	1RB#24	20.80	PASS
Band38	10MHz	QPSK	37800	1RB#49	20.89	PASS
Band38	10MHz	QPSK	37800	25RB#0	19.94	PASS
Band38	10MHz	QPSK	37800	25RB#12	19.95	PASS
Band38	10MHz	QPSK	37800	25RB#25	19.95	PASS
Band38	10MHz	QPSK	37800	50RB#0	19.92	PASS
Band38	10MHz	QPSK	38000	1RB#0	20.65	PASS
Band38	10MHz	QPSK	38000	1RB#24	20.63	PASS
Band38	10MHz	QPSK	38000	1RB#49	20.63	PASS
Band38	10MHz	QPSK	38000	25RB#0	19.86	PASS
Band38	10MHz	QPSK	38000	25RB#12	19.85	PASS
Band38	10MHz	QPSK	38000	25RB#25	19.79	PASS
Band38	10MHz	QPSK	38000	50RB#0	19.78	PASS
Band38	10MHz	QPSK	38200	1RB#0	20.66	PASS
Band38	10MHz	QPSK	38200	1RB#24	20.74	PASS
Band38	10MHz	QPSK	38200	1RB#49	20.67	PASS
Band38	10MHz	QPSK	38200	25RB#0	19.91	PASS
Band38	10MHz	QPSK	38200	25RB#12	20.10	PASS
Band38	10MHz	QPSK	38200	25RB#25	19.79	PASS
Band38	10MHz	QPSK	38200	50RB#0	19.80	PASS
Band38	10MHz	16QAM	37800	1RB#0	20.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	19.85	PASS
Band38	10MHz	16QAM	37800	1RB#49	19.83	PASS
Band38	10MHz	16QAM	37800	25RB#0	18.91	PASS
Band38	10MHz	16QAM	37800	25RB#12	18.95	PASS
Band38	10MHz	16QAM	37800	25RB#25	18.84	PASS

Band38	10MHz	16QAM	37800	50RB#0	19.01	PASS
Band38	10MHz	16QAM	38000	1RB#0	19.62	PASS
Band38	10MHz	16QAM	38000	1RB#24	19.58	PASS
Band38	10MHz	16QAM	38000	1RB#49	19.59	PASS
Band38	10MHz	16QAM	38000	25RB#0	18.56	PASS
Band38	10MHz	16QAM	38000	25RB#12	18.66	PASS
Band38	10MHz	16QAM	38000	25RB#25	18.69	PASS
Band38	10MHz	16QAM	38000	50RB#0	18.80	PASS
Band38	10MHz	16QAM	38200	1RB#0	19.59	PASS
Band38	10MHz	16QAM	38200	1RB#24	20.12	PASS
Band38	10MHz	16QAM	38200	1RB#49	19.62	PASS
Band38	10MHz	16QAM	38200	25RB#0	18.91	PASS
Band38	10MHz	16QAM	38200	25RB#12	18.92	PASS
Band38	10MHz	16QAM	38200	25RB#25	18.83	PASS
Band38	10MHz	16QAM	38200	50RB#0	18.81	PASS
Band38	15MHz	QPSK	37825	1RB#0	20.75	PASS
Band38	15MHz	QPSK	37825	1RB#38	20.73	PASS
Band38	15MHz	QPSK	37825	1RB#74	20.64	PASS
Band38	15MHz	QPSK	37825	38RB#0	19.69	PASS
Band38	15MHz	QPSK	37825	38RB#18	19.68	PASS
Band38	15MHz	QPSK	37825	38RB#37	19.68	PASS
Band38	15MHz	QPSK	37825	75RB#0	19.89	PASS
Band38	15MHz	QPSK	38000	1RB#0	20.64	PASS
Band38	15MHz	QPSK	38000	1RB#38	20.52	PASS
Band38	15MHz	QPSK	38000	1RB#74	20.59	PASS
Band38	15MHz	QPSK	38000	38RB#0	19.52	PASS
Band38	15MHz	QPSK	38000	38RB#18	19.48	PASS
Band38	15MHz	QPSK	38000	38RB#37	19.52	PASS
Band38	15MHz	QPSK	38000	75RB#0	19.72	PASS
Band38	15MHz	QPSK	38175	1RB#0	20.49	PASS
Band38	15MHz	QPSK	38175	1RB#38	20.52	PASS
Band38	15MHz	QPSK	38175	1RB#74	20.52	PASS
Band38	15MHz	QPSK	38175	38RB#0	19.89	PASS
Band38	15MHz	QPSK	38175	38RB#18	19.93	PASS
Band38	15MHz	QPSK	38175	38RB#37	19.87	PASS
Band38	15MHz	QPSK	38175	75RB#0	19.86	PASS
Band38	15MHz	16QAM	37825	1RB#0	19.63	PASS

Band38	15MHz	16QAM	37825	1RB#38	19.66	PASS
Band38	15MHz	16QAM	37825	1RB#74	19.69	PASS
Band38	15MHz	16QAM	37825	38RB#0	19.69	PASS
Band38	15MHz	16QAM	37825	38RB#18	19.64	PASS
Band38	15MHz	16QAM	37825	38RB#37	19.68	PASS
Band38	15MHz	16QAM	37825	75RB#0	18.88	PASS
Band38	15MHz	16QAM	38000	1RB#0	19.86	PASS
Band38	15MHz	16QAM	38000	1RB#38	19.78	PASS
Band38	15MHz	16QAM	38000	1RB#74	19.52	PASS
Band38	15MHz	16QAM	38000	38RB#0	19.52	PASS
Band38	15MHz	16QAM	38000	38RB#18	19.40	PASS
Band38	15MHz	16QAM	38000	38RB#37	19.52	PASS
Band38	15MHz	16QAM	38000	75RB#0	18.72	PASS
Band38	15MHz	16QAM	38175	1RB#0	19.75	PASS
Band38	15MHz	16QAM	38175	1RB#38	19.86	PASS
Band38	15MHz	16QAM	38175	1RB#74	19.87	PASS
Band38	15MHz	16QAM	38175	38RB#0	19.80	PASS
Band38	15MHz	16QAM	38175	38RB#18	19.83	PASS
Band38	15MHz	16QAM	38175	38RB#37	19.95	PASS
Band38	15MHz	16QAM	38175	75RB#0	18.83	PASS
Band38	20MHz	QPSK	37850	1RB#0	20.62	PASS
Band38	20MHz	QPSK	37850	1RB#49	20.78	PASS
Band38	20MHz	QPSK	37850	1RB#99	20.52	PASS
Band38	20MHz	QPSK	37850	50RB#0	19.79	PASS
Band38	20MHz	QPSK	37850	50RB#25	19.78	PASS
Band38	20MHz	QPSK	37850	50RB#50	19.82	PASS
Band38	20MHz	QPSK	37850	100RB#0	19.89	PASS
Band38	20MHz	QPSK	38000	1RB#0	20.88	PASS
Band38	20MHz	QPSK	38000	1RB#49	20.91	PASS
Band38	20MHz	QPSK	38000	1RB#99	20.62	PASS
Band38	20MHz	QPSK	38000	50RB#0	19.71	PASS
Band38	20MHz	QPSK	38000	50RB#25	19.71	PASS
Band38	20MHz	QPSK	38000	50RB#50	19.71	PASS
Band38	20MHz	QPSK	38000	100RB#0	19.72	PASS
Band38	20MHz	QPSK	38150	1RB#0	20.37	PASS
Band38	20MHz	QPSK	38150	1RB#49	20.64	PASS
Band38	20MHz	QPSK	38150	1RB#99	20.40	PASS

Band38	20MHz	QPSK	38150	50RB#0	19.77	PASS
Band38	20MHz	QPSK	38150	50RB#25	19.71	PASS
Band38	20MHz	QPSK	38150	50RB#50	19.79	PASS
Band38	20MHz	QPSK	38150	100RB#0	19.78	PASS
Band38	20MHz	16QAM	37850	1RB#0	20.14	PASS
Band38	20MHz	16QAM	37850	1RB#49	20.34	PASS
Band38	20MHz	16QAM	37850	1RB#99	20.03	PASS
Band38	20MHz	16QAM	37850	50RB#0	18.90	PASS
Band38	20MHz	16QAM	37850	50RB#25	18.79	PASS
Band38	20MHz	16QAM	37850	50RB#50	18.85	PASS
Band38	20MHz	16QAM	37850	100RB#0	18.87	PASS
Band38	20MHz	16QAM	38000	1RB#0	20.47	PASS
Band38	20MHz	16QAM	38000	1RB#49	20.27	PASS
Band38	20MHz	16QAM	38000	1RB#99	20.50	PASS
Band38	20MHz	16QAM	38000	50RB#0	18.76	PASS
Band38	20MHz	16QAM	38000	50RB#25	18.76	PASS
Band38	20MHz	16QAM	38000	50RB#50	18.56	PASS
Band38	20MHz	16QAM	38000	100RB#0	18.55	PASS
Band38	20MHz	16QAM	38150	1RB#0	19.43	PASS
Band38	20MHz	16QAM	38150	1RB#49	19.71	PASS
Band38	20MHz	16QAM	38150	1RB#99	19.40	PASS
Band38	20MHz	16QAM	38150	50RB#0	18.79	PASS
Band38	20MHz	16QAM	38150	50RB#25	18.76	PASS
Band38	20MHz	16QAM	38150	50RB#50	18.73	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.68	PASS

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

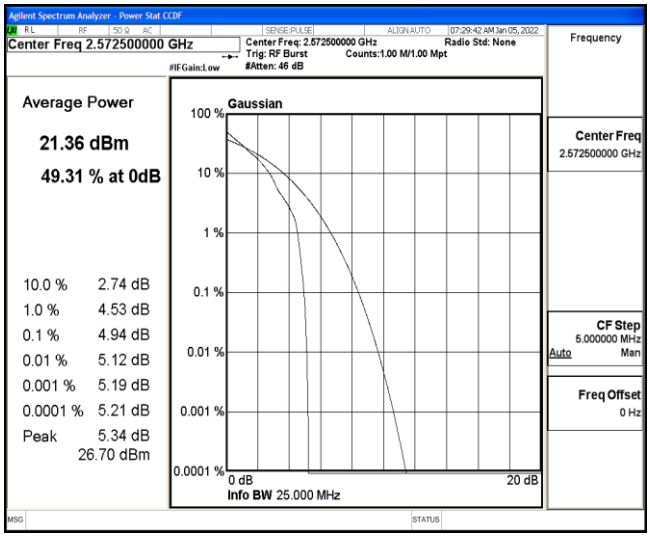
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	4.94	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	5.08	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	4.93	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.16	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	4.57	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.06	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	6.23	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	5.96	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	6.24	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.47	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	6.20	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	5.91	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	5.14	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.14	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	5.03	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.18	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	4.83	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.11	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	6.18	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	5.98	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	6.18	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.04	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	6.07	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	6.00	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	4.51	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	5.33	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	4.90	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.34	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	4.99	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.29	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	6.25	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	6.09	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	6.20	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.11	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	5.79	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	6.05	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	4.87	13	PASS

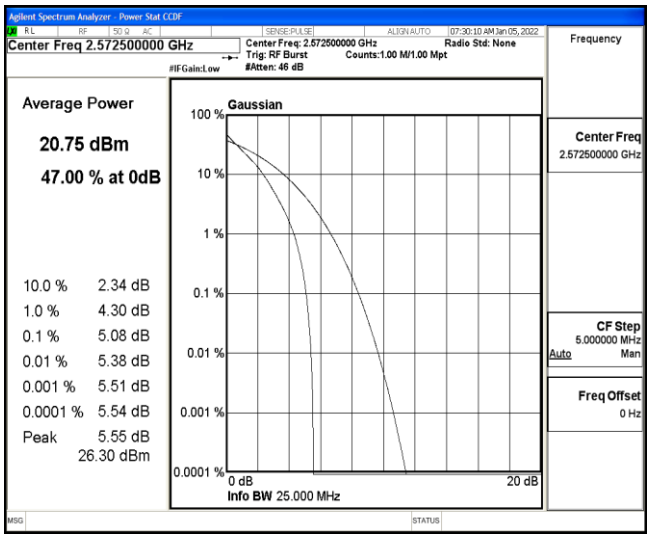
Band38	20MHz	QPSK	37850	100RB#0	5.14	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	5.11	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.19	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	6.11	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.12	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	6.08	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	5.97	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	6.14	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.04	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	6.18	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	5.95	13	PASS

Test Graphs

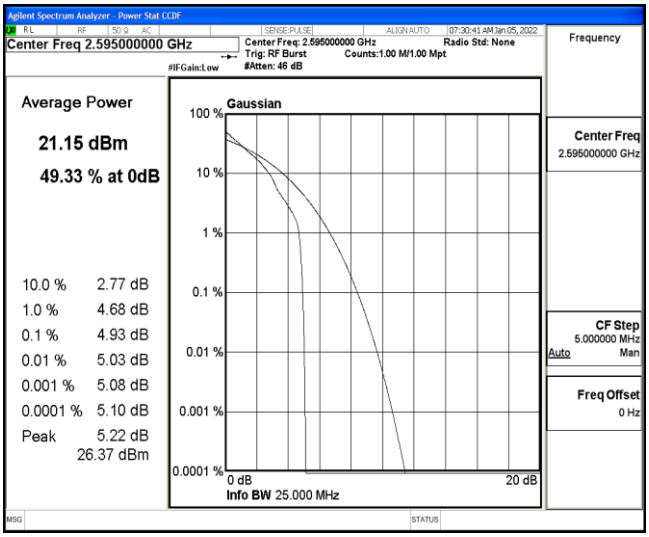
Band38-5MHz-QPSK-37775-1RB#0



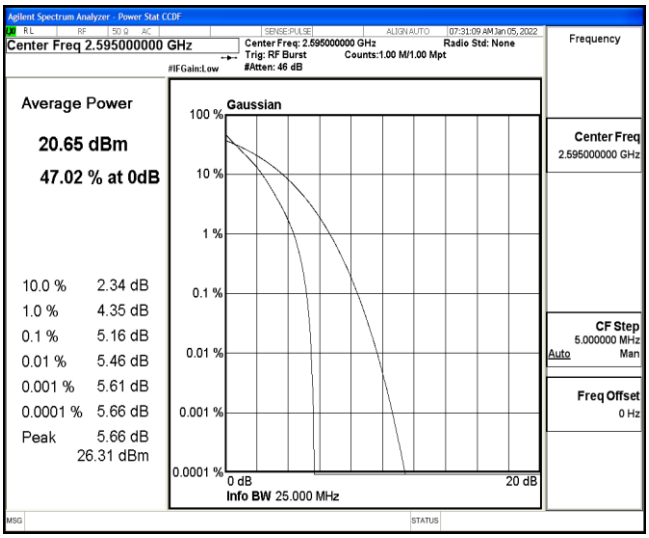
Band38-5MHz-QPSK-37775-25RB#0



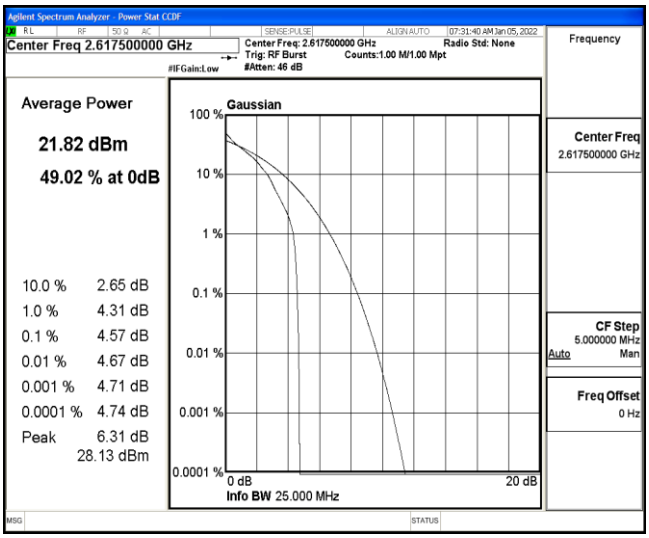
Band38-5MHz-QPSK-38000-1RB#0



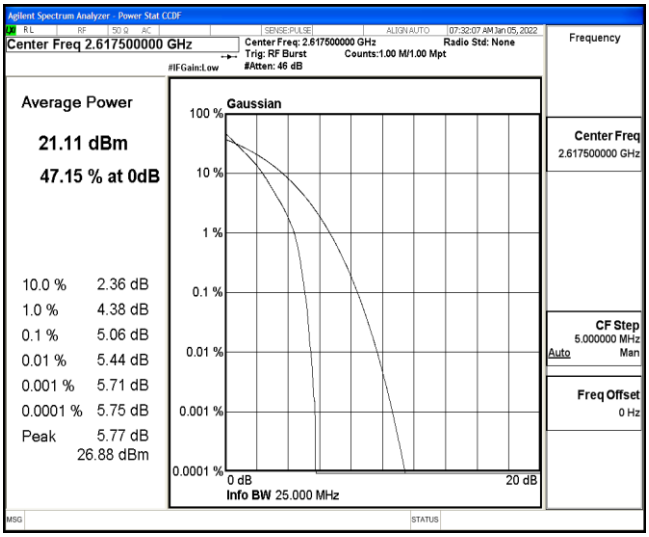
Band38-5MHz-QPSK-38000-25RB#0



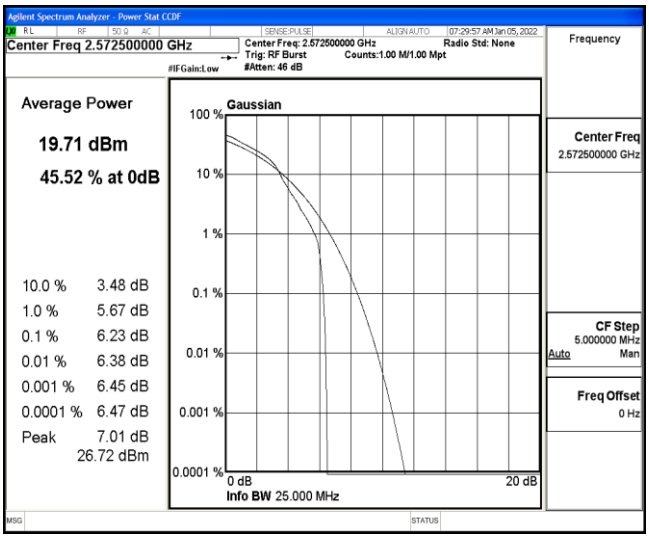
Band38-5MHz-QPSK-38225-1RB#0



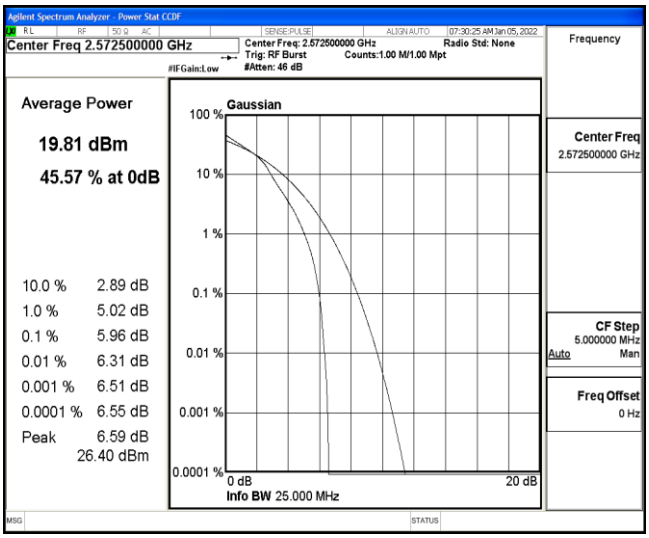
Band38-5MHz-QPSK-38225-25RB#0



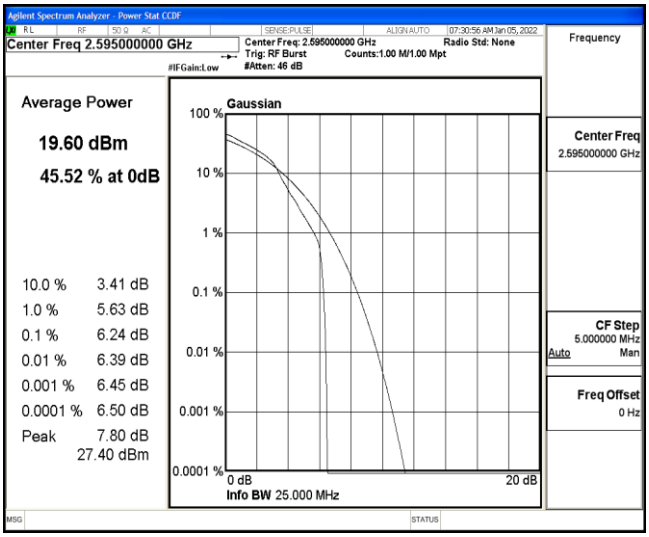
Band38-5MHz-16QAM-37775-1RB#0



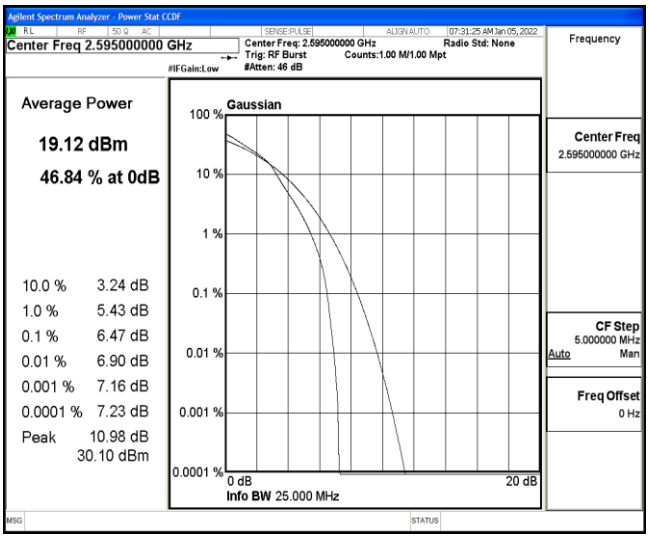
Band38-5MHz-16QAM-37775-25RB#0



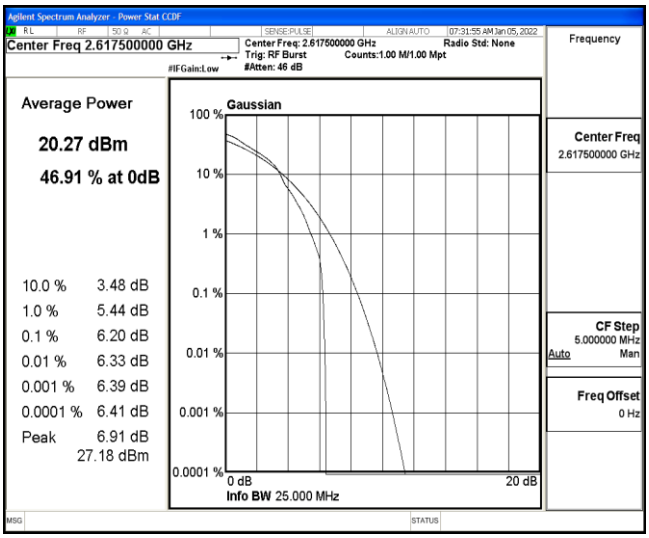
Band38-5MHz-16QAM-38000-1RB#0



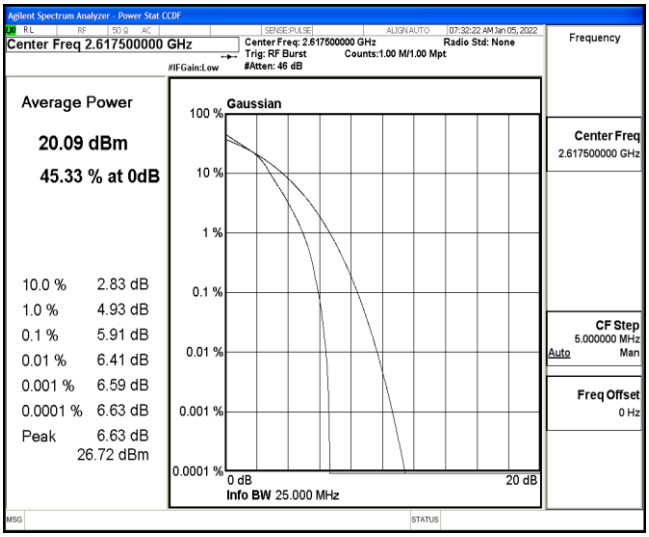
Band38-5MHz-16QAM-38000-25RB#0



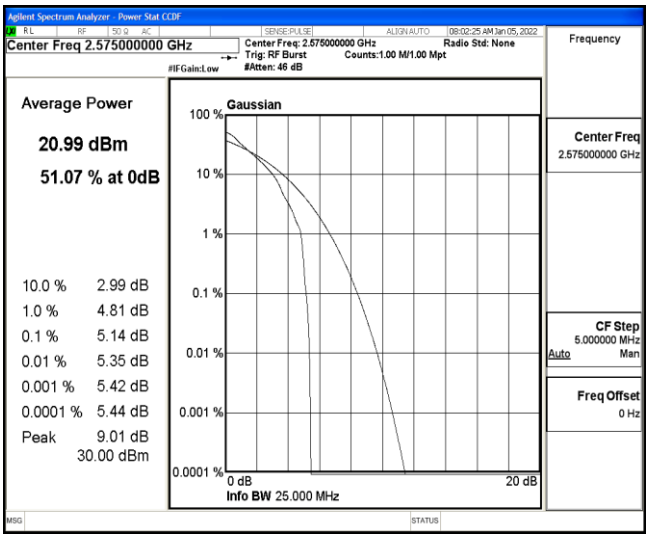
Band38-5MHz-16QAM-38225-1RB#0



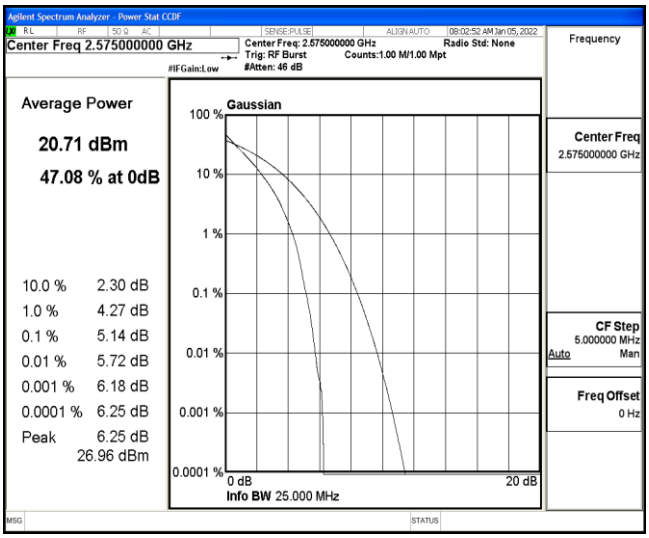
Band38-5MHz-16QAM-38225-25RB#0



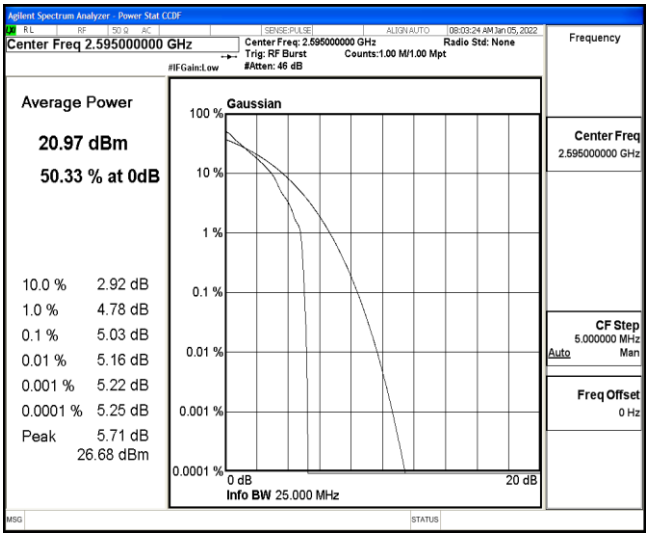
Band38-10MHz-QPSK-37800-1RB#0



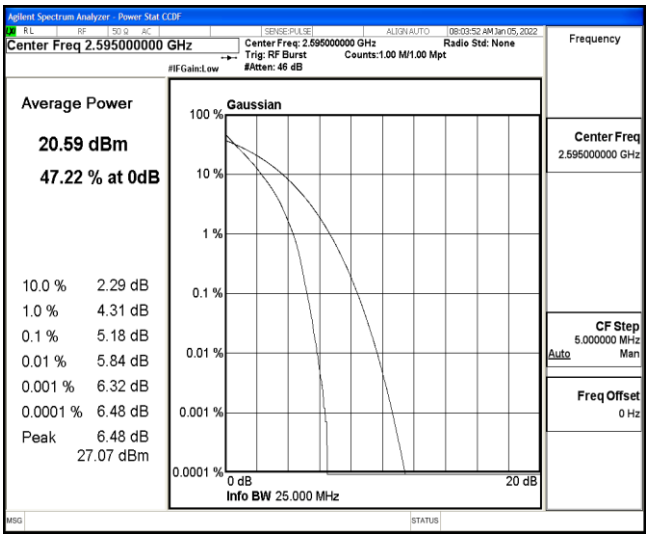
Band38-10MHz-QPSK-37800-50RB#0



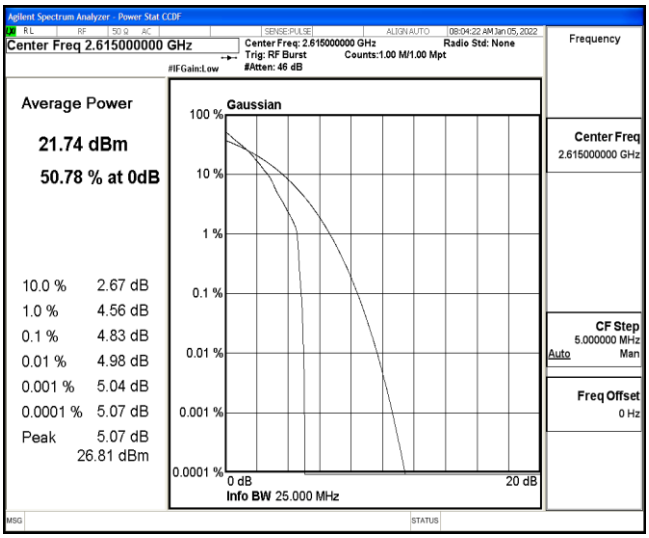
Band38-10MHz-QPSK-38000-1RB#0



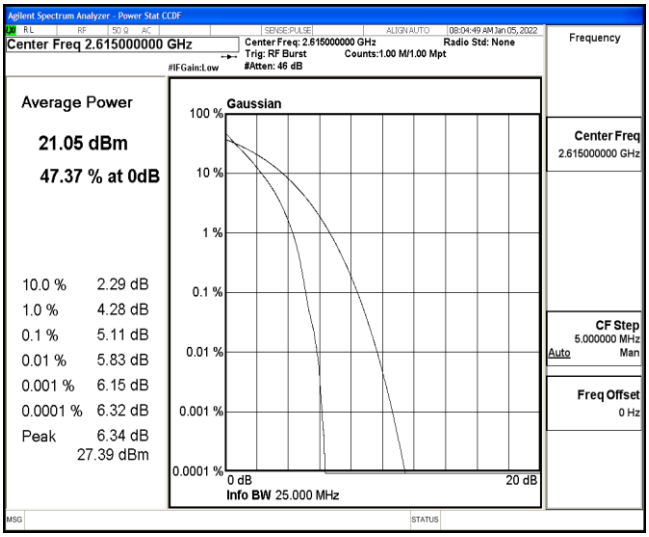
Band38-10MHz-QPSK-38000-50RB#0



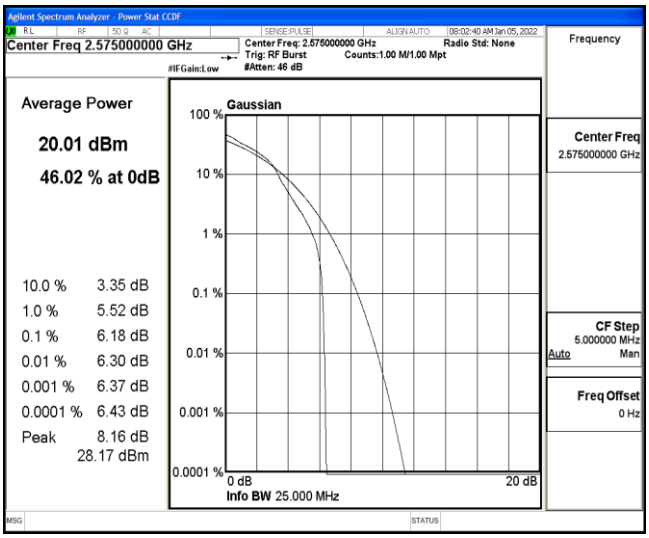
Band38-10MHz-QPSK-38200-1RB#0



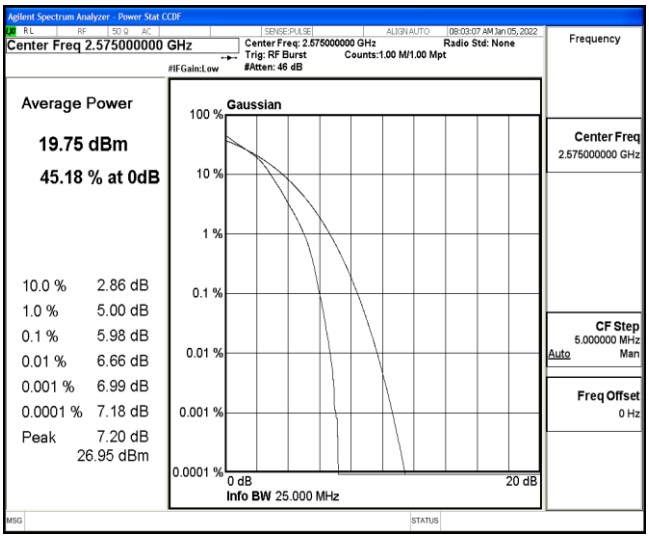
Band38-10MHz-QPSK-38200-50RB#0



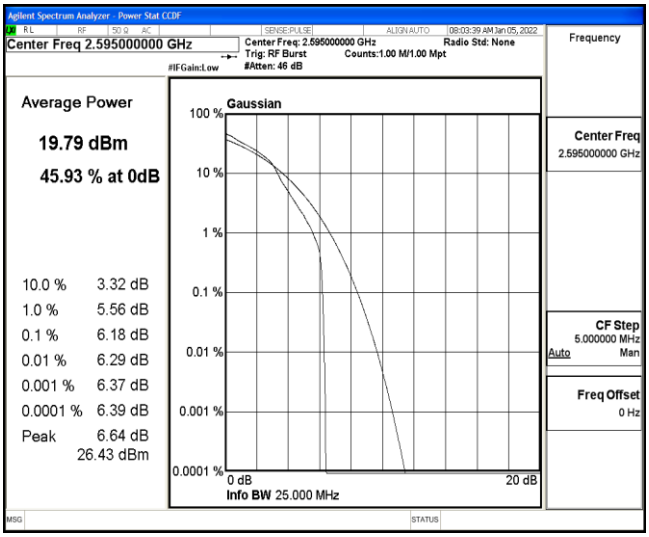
Band38-10MHz-16QAM-37800-1RB#0



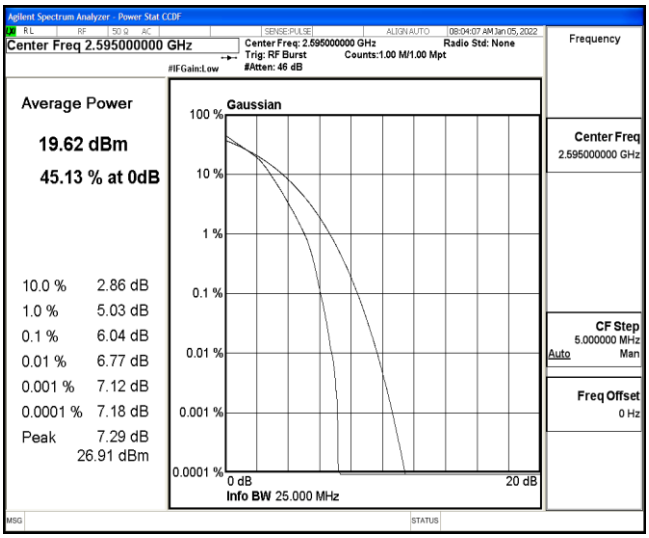
Band38-10MHz-16QAM-37800-50RB#0



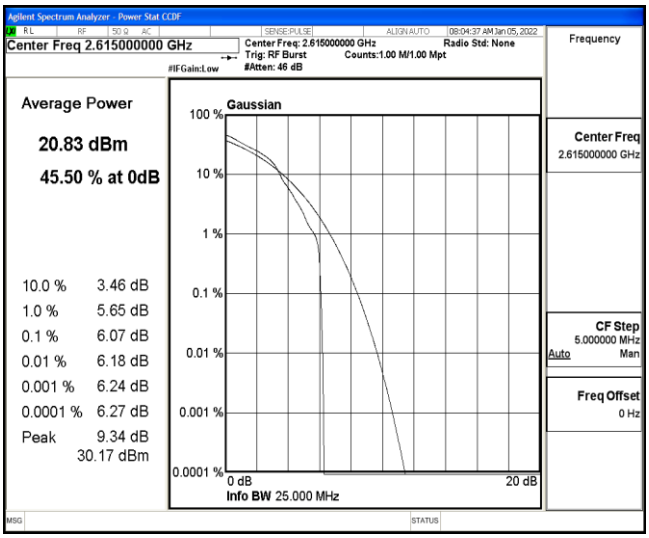
Band38-10MHz-16QAM-38000-1RB#0



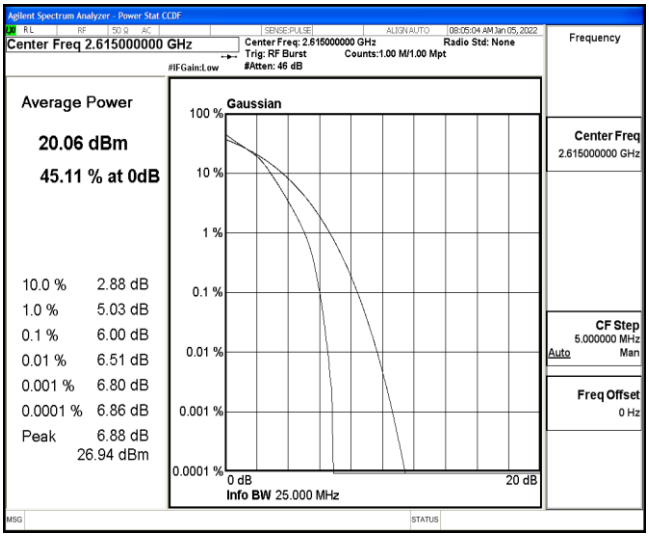
Band38-10MHz-16QAM-38000-50RB#0



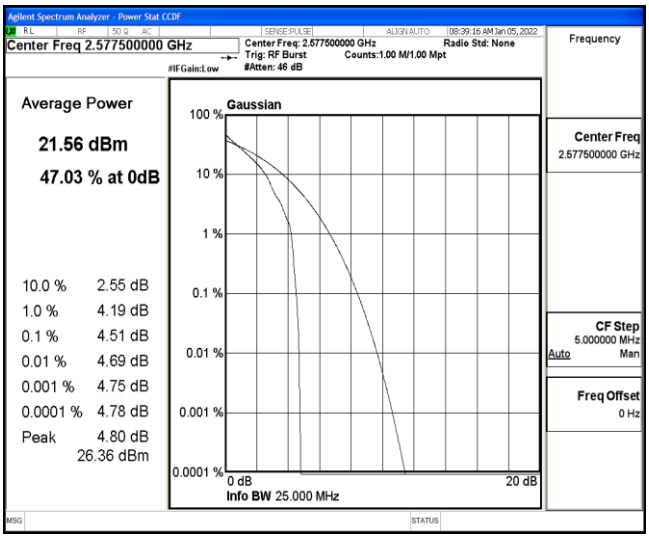
Band38-10MHz-16QAM-38200-1RB#0



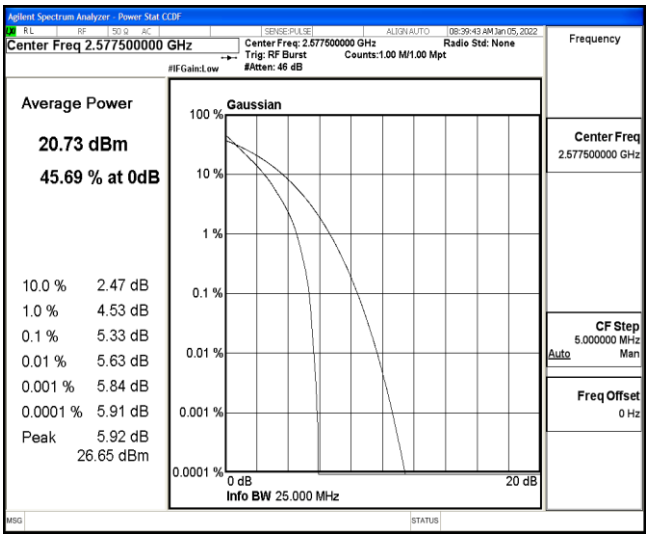
Band38-10MHz-16QAM-38200-50RB#0



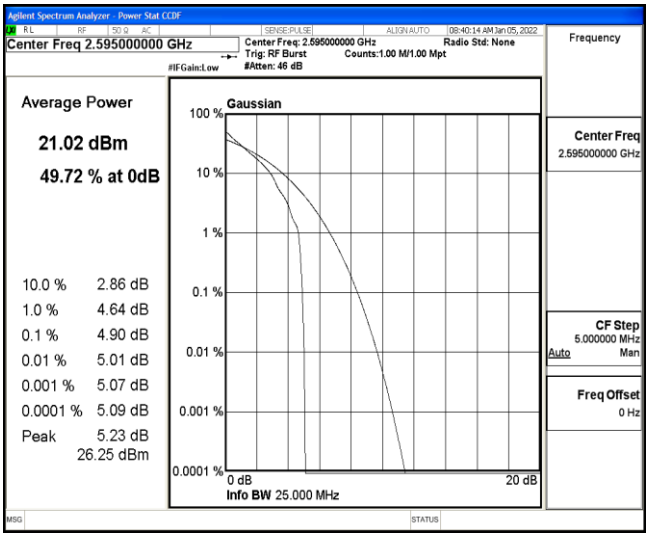
Band38-15MHz-QPSK-37825-1RB#0



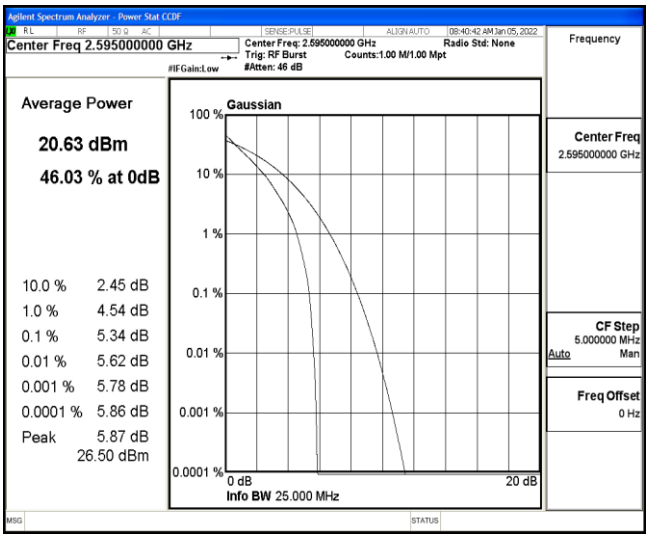
Band38-15MHz-QPSK-37825-75RB#0



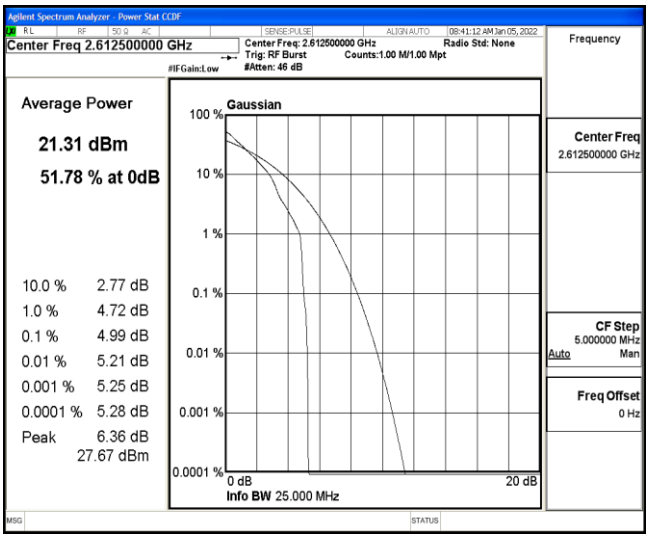
Band38-15MHz-QPSK-38000-1RB#0



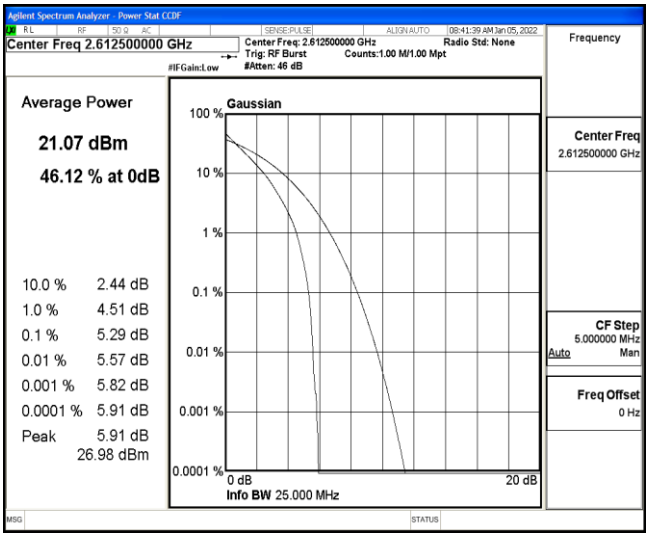
Band38-15MHz-QPSK-38000-75RB#0



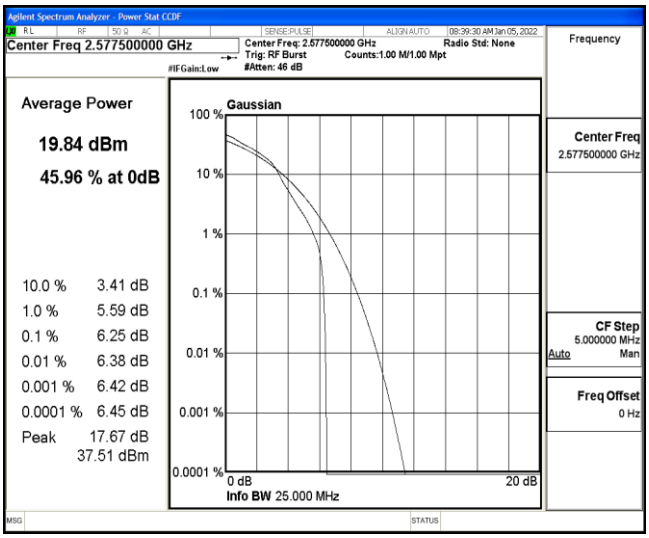
Band38-15MHz-QPSK-38175-1RB#0



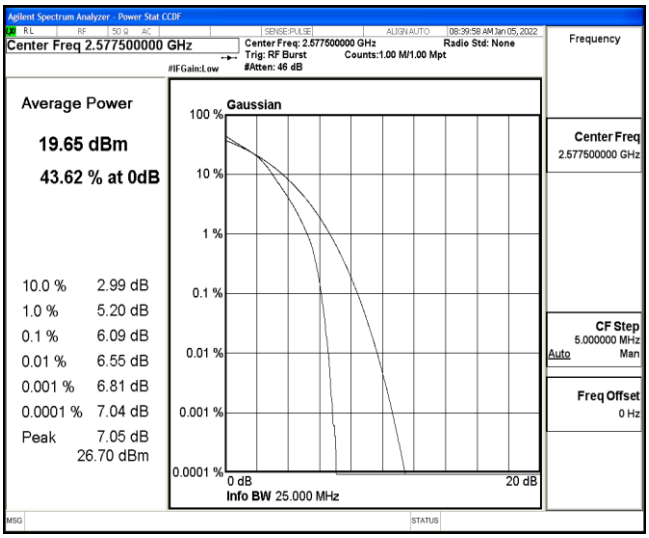
Band38-15MHz-QPSK-38175-75RB#0



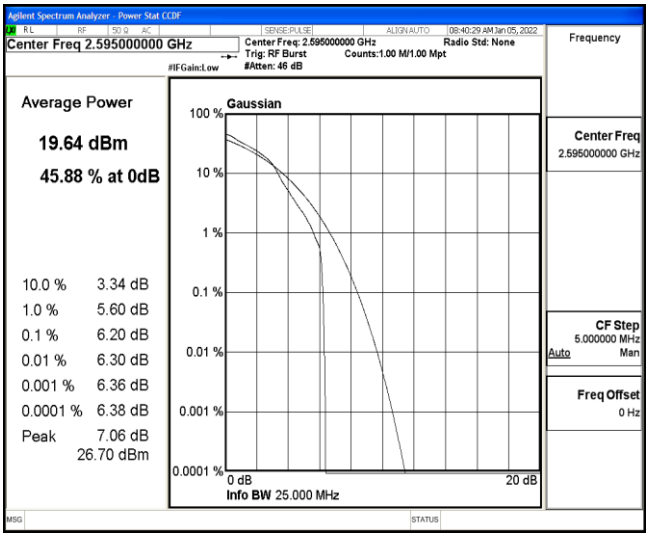
Band38-15MHz-16QAM-37825-1RB#0



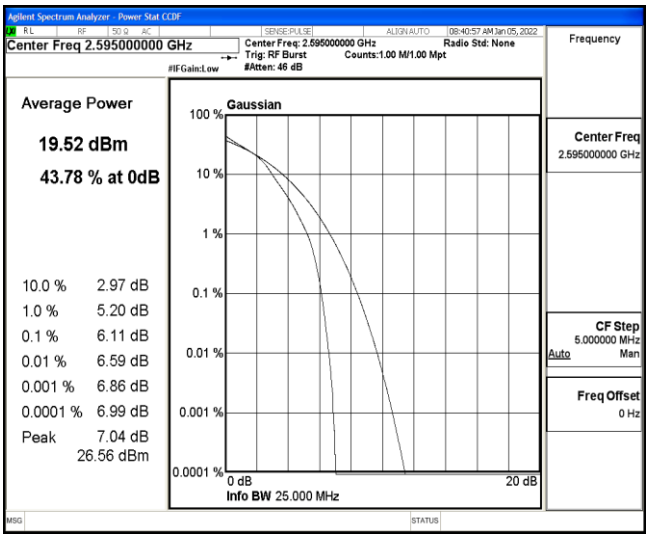
Band38-15MHz-16QAM-37825-75RB#0



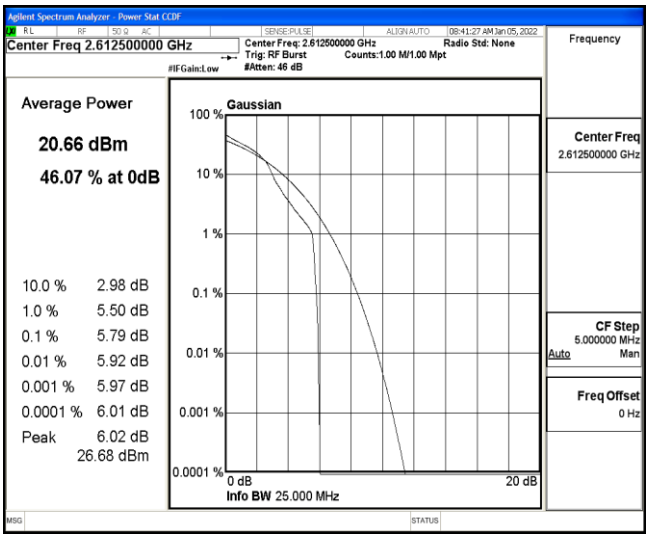
Band38-15MHz-16QAM-38000-1RB#0



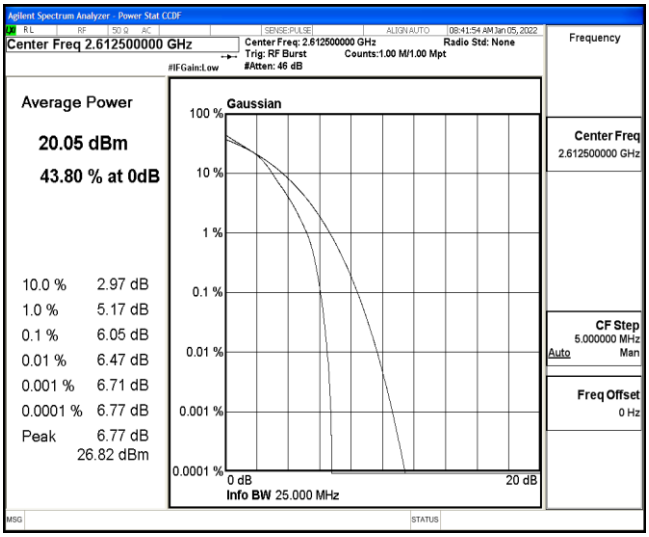
Band38-15MHz-16QAM-38000-75RB#0



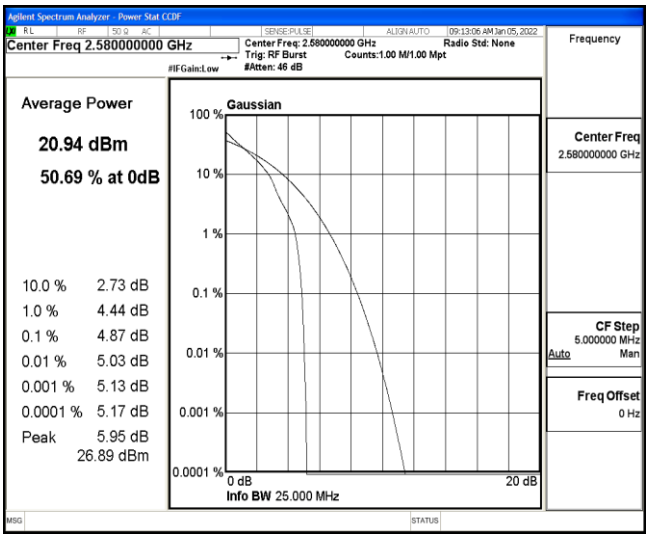
Band38-15MHz-16QAM-38175-1RB#0



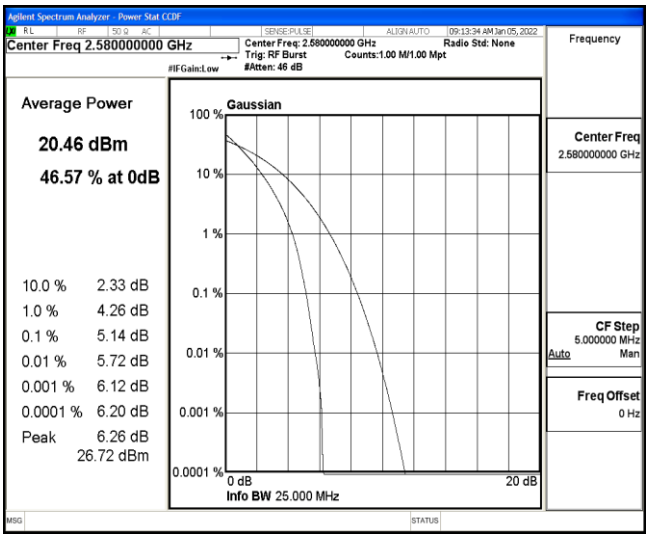
Band38-15MHz-16QAM-38175-75RB#0



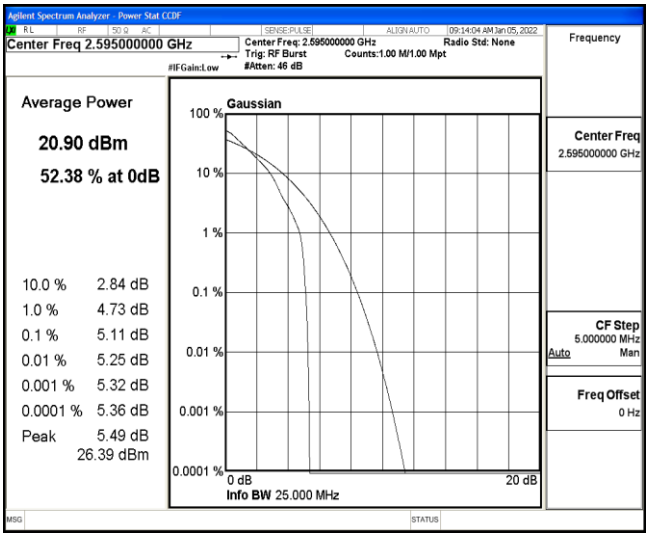
Band38-20MHz-QPSK-37850-1RB#0



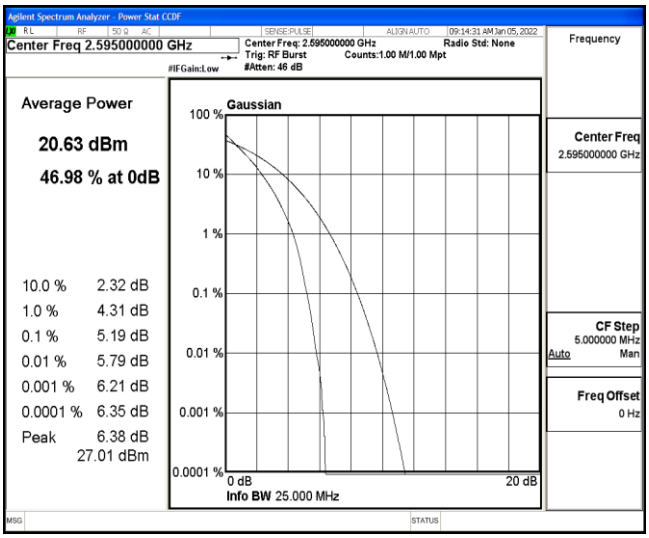
Band38-20MHz-QPSK-37850-100RB#0



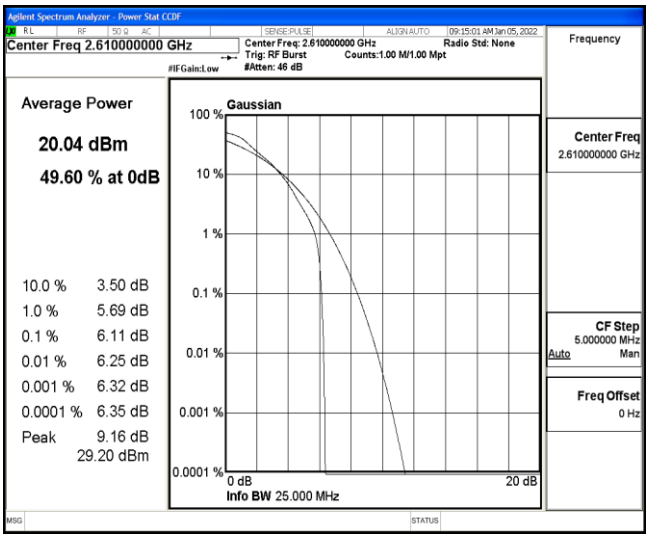
Band38-20MHz-QPSK-38000-1RB#0



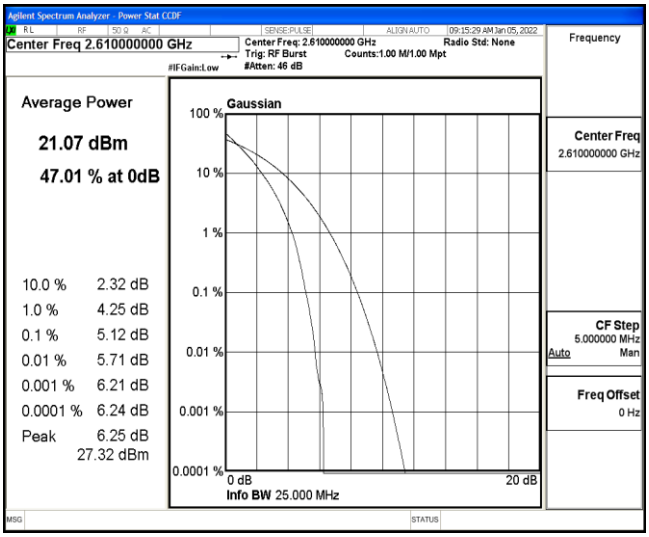
Band38-20MHz-QPSK-38000-100RB#0



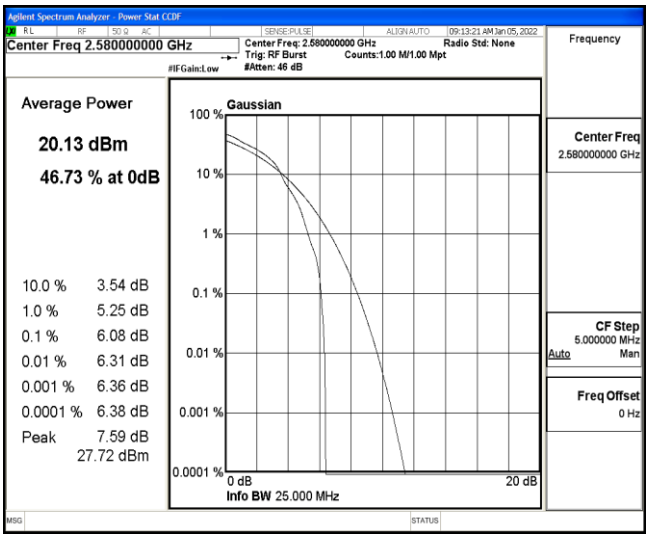
Band38-20MHz-QPSK-38150-1RB#0



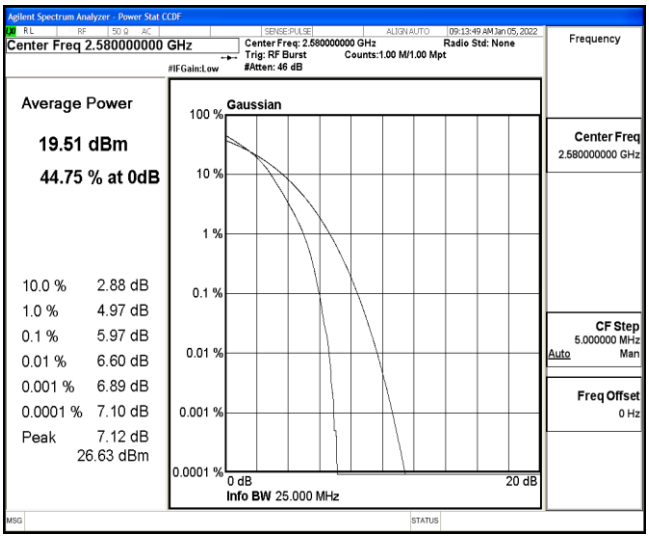
Band38-20MHz-QPSK-38150-100RB#0



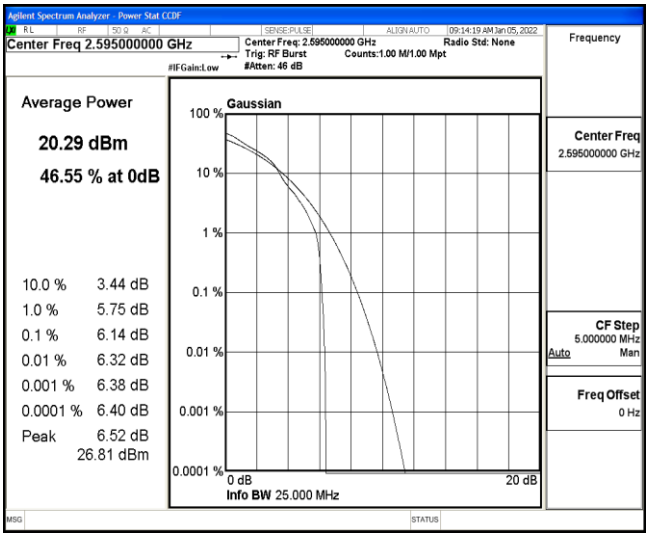
Band38-20MHz-16QAM-37850-1RB#0



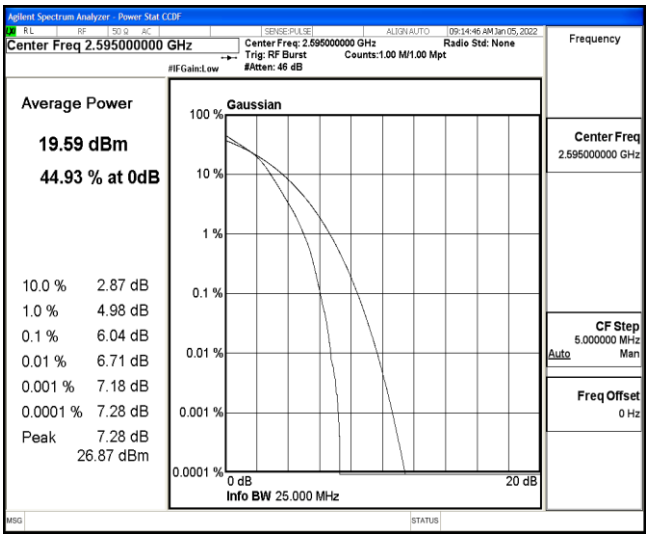
Band38-20MHz-16QAM-37850-100RB#0



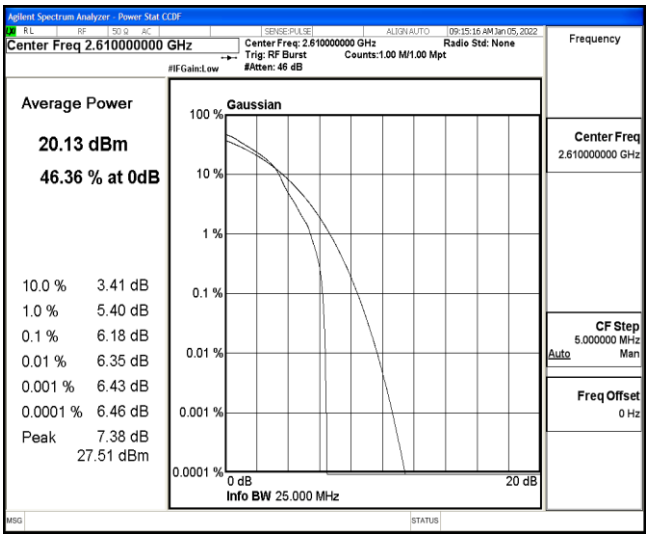
Band38-20MHz-16QAM-38000-1RB#0



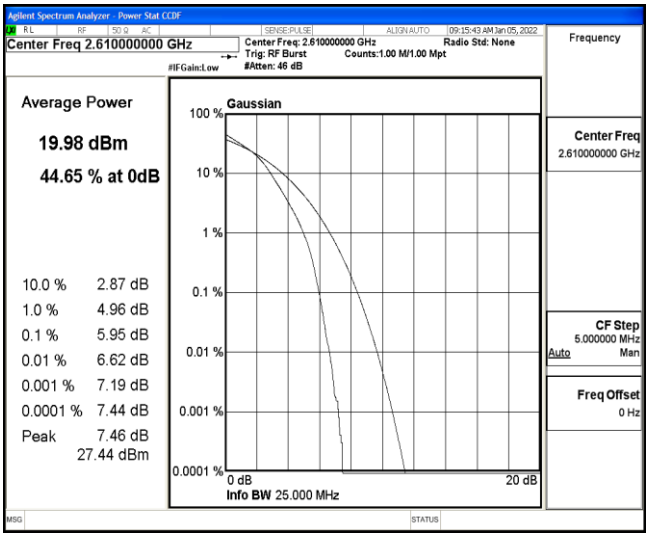
Band38-20MHz-16QAM-38000-100RB#0



Band38-20MHz-16QAM-38150-1RB#0



Band38-20MHz-16QAM-38150-100RB#0

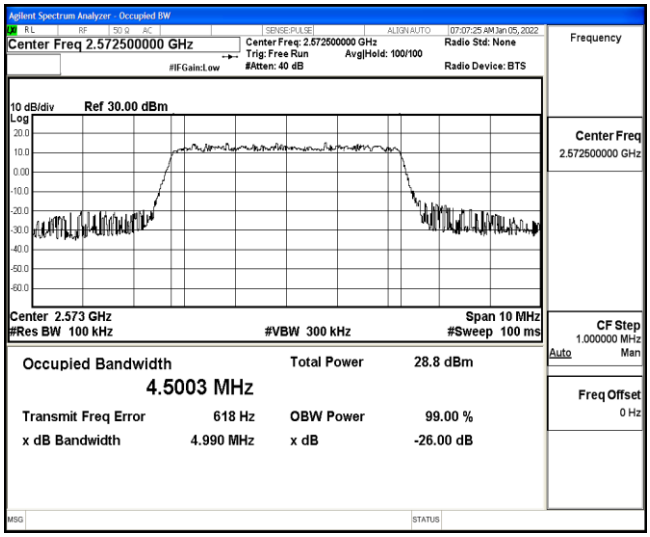

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.610000000 GHz
Center Freq: 2.610000000 GHz
Trig: RF Burst
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
19.98 dBm
44.65 % at 0dB
10.0 % 2.87 dB
1.0 % 4.96 dB
0.1 % 5.95 dB
0.01 % 6.62 dB
0.001 % 7.19 dB
0.0001 % 7.44 dB
Peak 7.46 dB
27.44 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto Man
Freq Offset
0 Hz

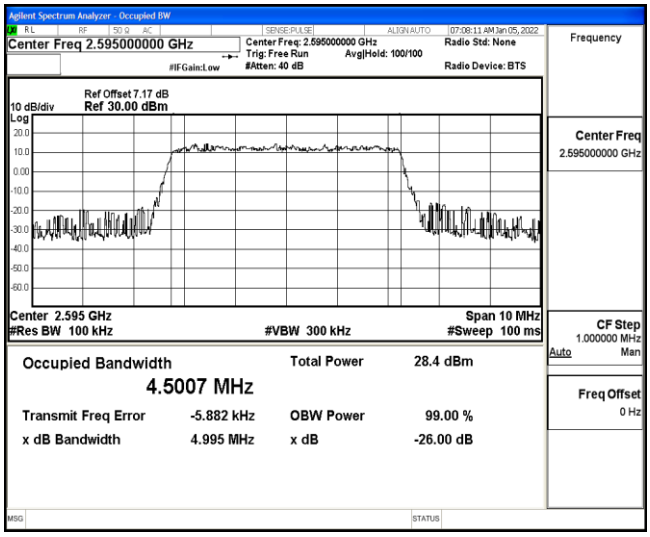
K.3 26dB Bandwidth and Occupied Bandwidth

Test Result

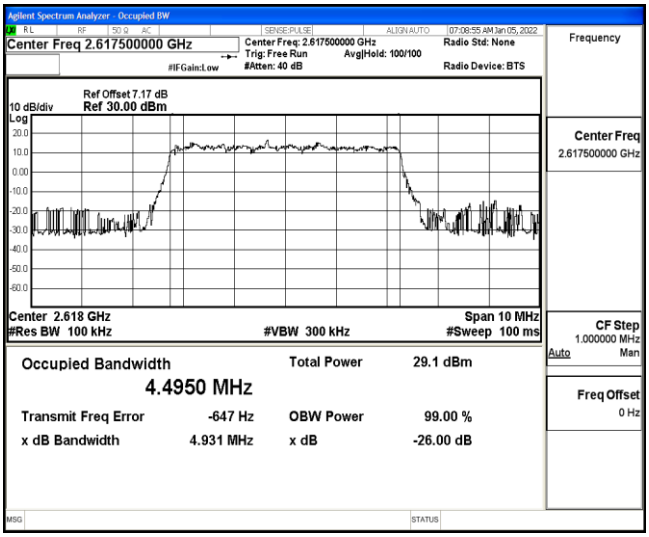
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5003	4.990	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5007	4.995	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4950	4.931	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4883	5.050	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4838	5.041	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4819	4.955	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9600	10.09	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9565	10.31	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9766	9.811	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9710	9.800	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9459	9.835	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9634	9.866	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.491	15.06	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.426	15.21	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.468	14.88	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.498	15.40	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.455	14.94	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.531	15.17	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.015	20.91	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.859	19.32	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.953	19.85	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.944	20.56	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.885	19.66	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.872	20.00	PASS

Test Graphs

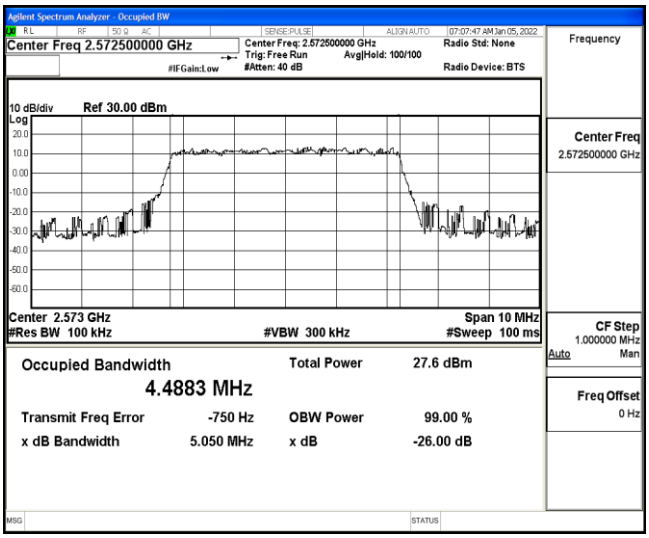
Band38-5MHz-QPSK-37775-25RB#0


Band38-5MHz-QPSK-38000-25RB#0


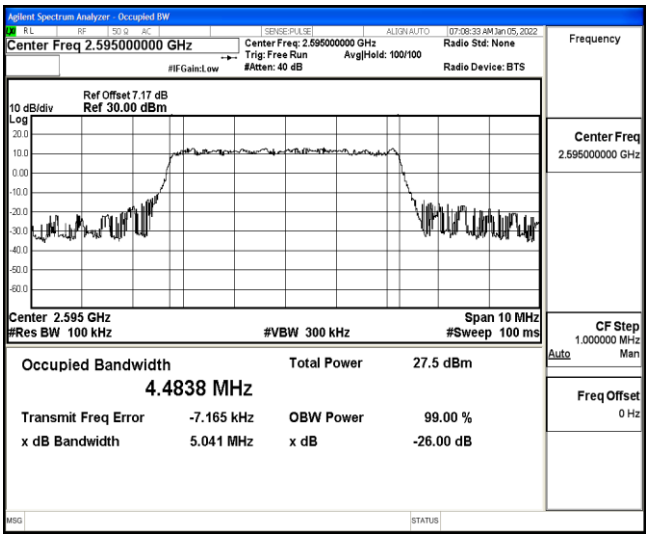
Band38-5MHz-QPSK-38225-25RB#0



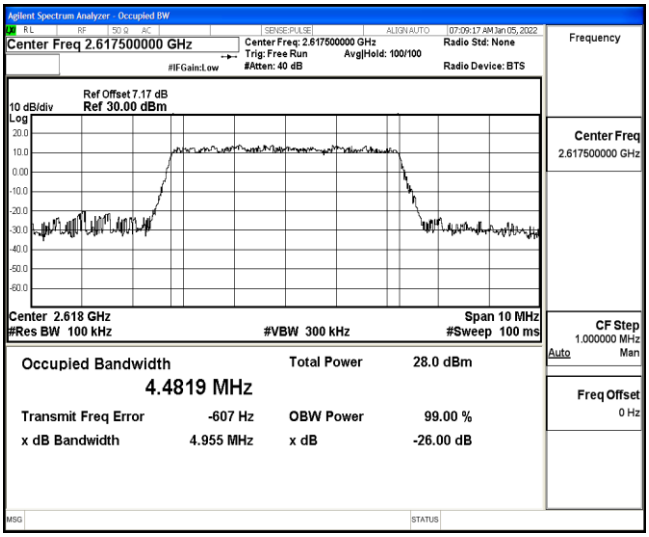
Band38-5MHz-16QAM-37775-25RB#0



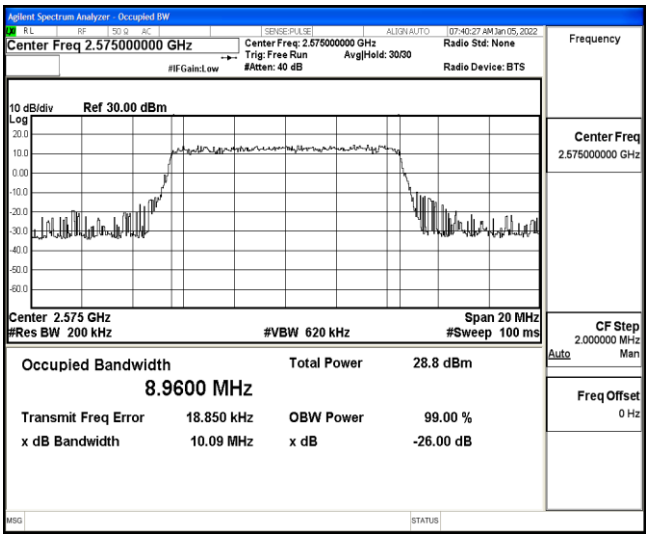
Band38-5MHz-16QAM-38000-25RB#0



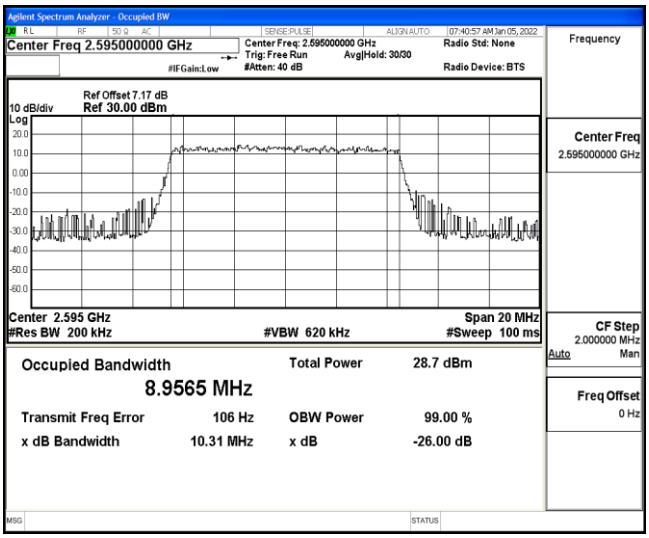
Band38-5MHz-16QAM-38225-25RB#0



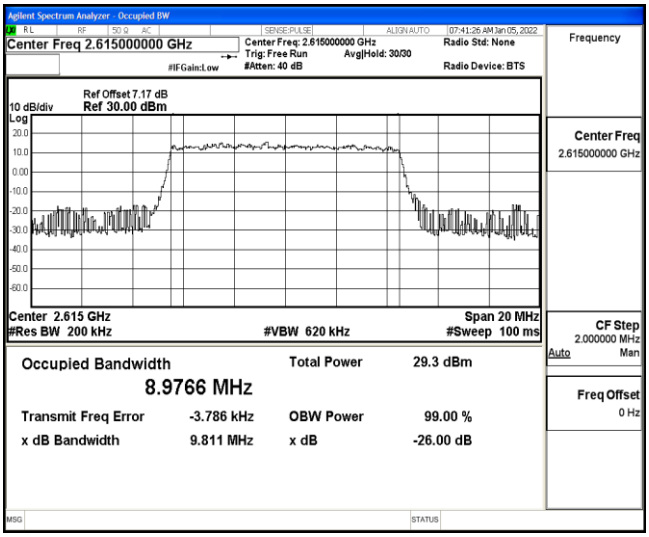
Band38-10MHz-QPSK-37800-50RB#0



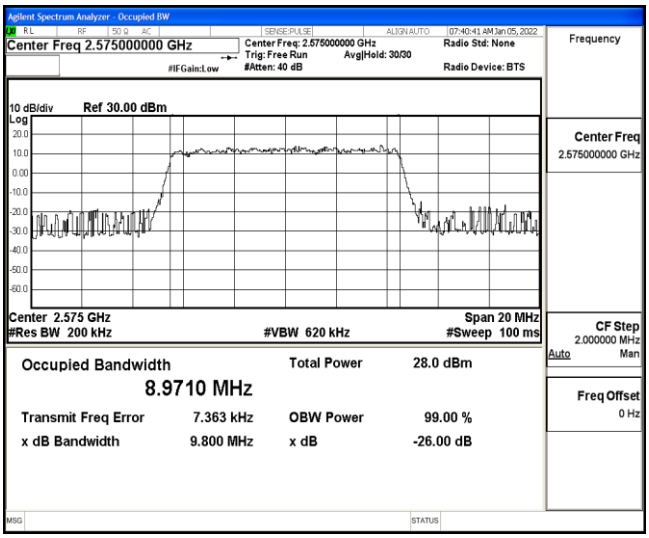
Band38-10MHz-QPSK-38000-50RB#0



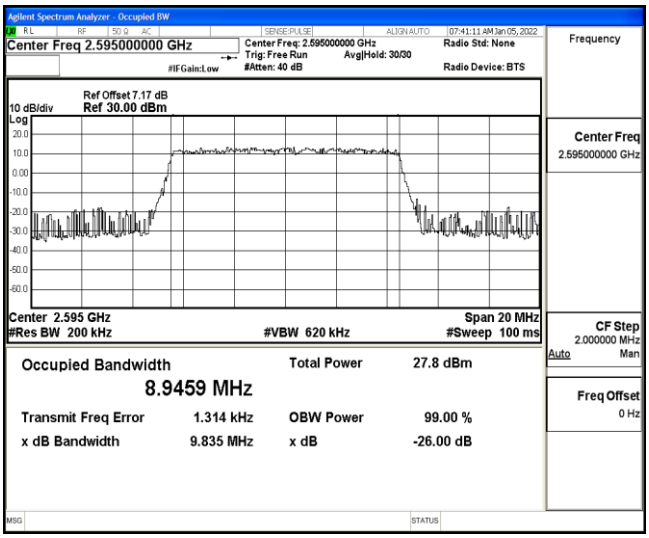
Band38-10MHz-QPSK-38200-50RB#0



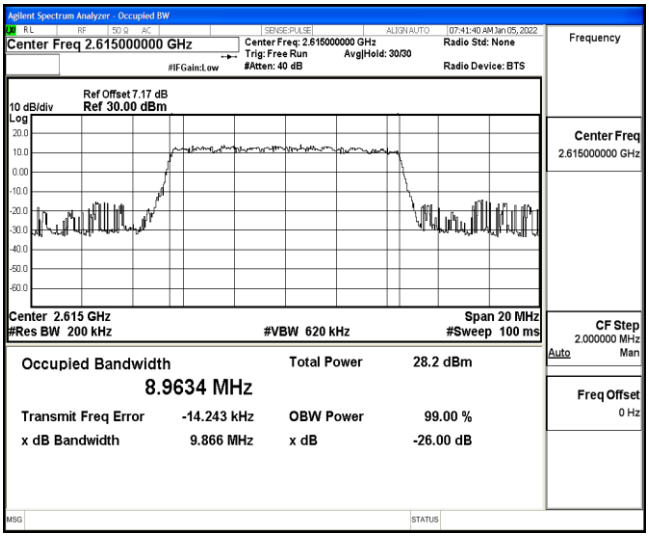
Band38-10MHz-16QAM-37800-50RB#0



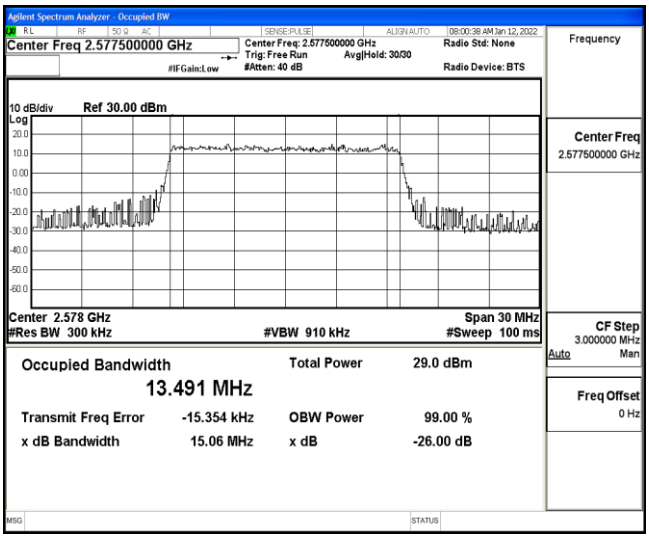
Band38-10MHz-16QAM-38000-50RB#0



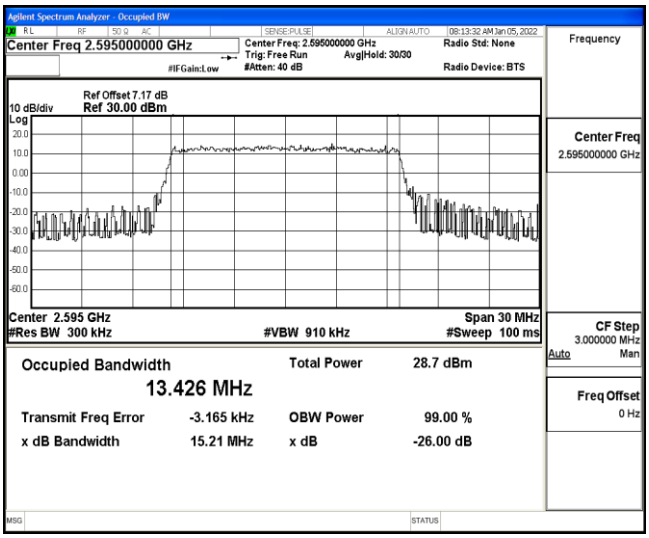
Band38-10MHz-16QAM-38200-50RB#0



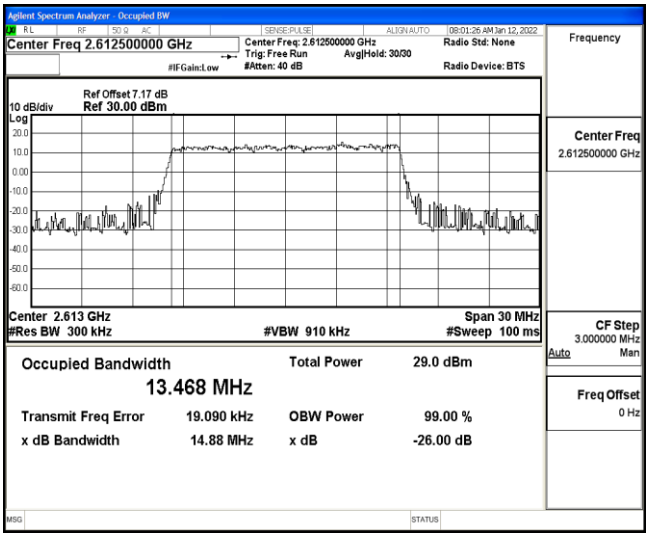
Band38-15MHz-QPSK-37825-75RB#0



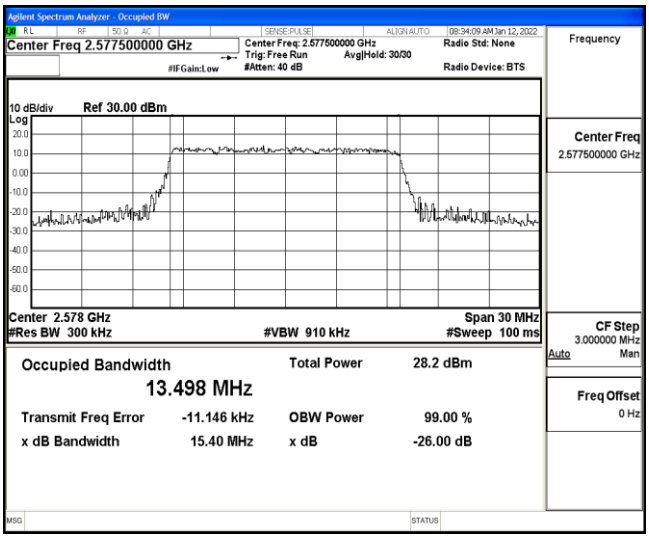
Band38-15MHz-QPSK-38000-75RB#0



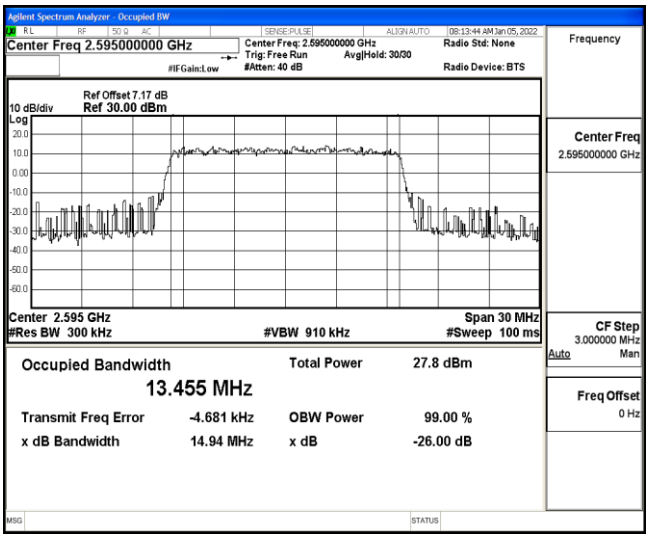
Band38-15MHz-QPSK-38175-75RB#0



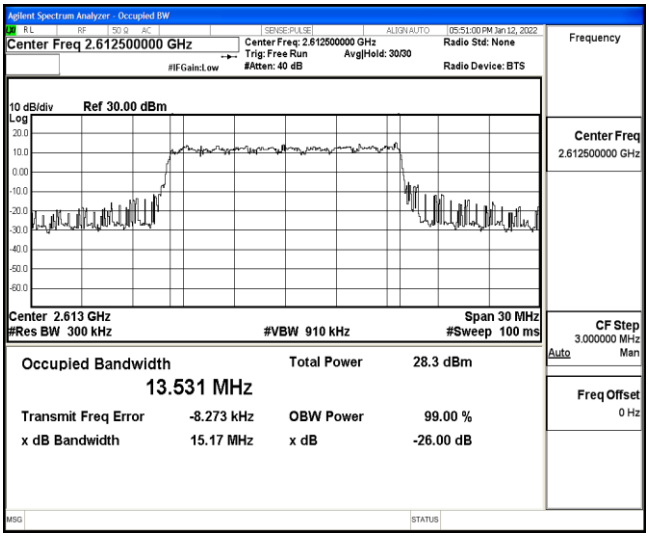
Band38-15MHz-16QAM-37825-75RB#0



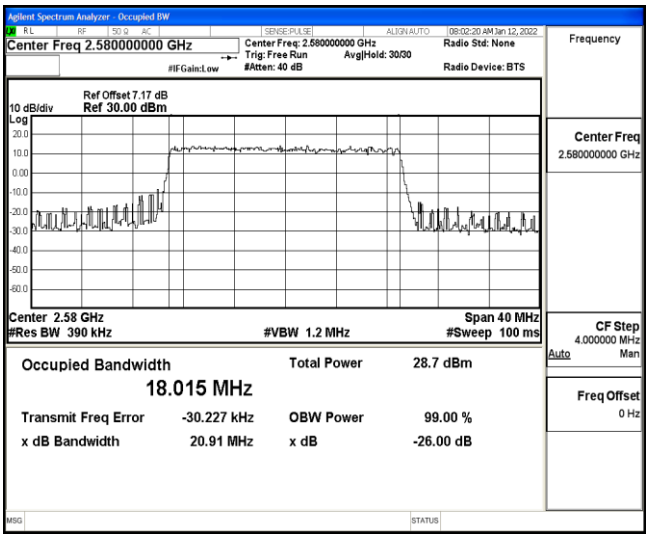
Band38-15MHz-16QAM-38000-75RB#0



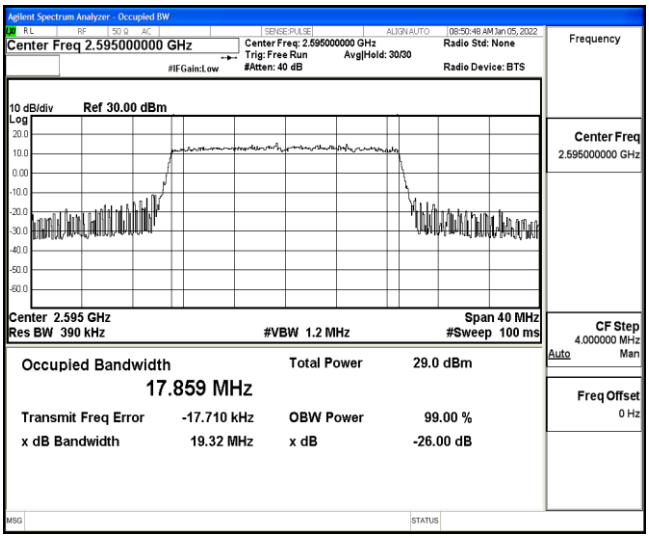
Band38-15MHz-16QAM-38175-75RB#0



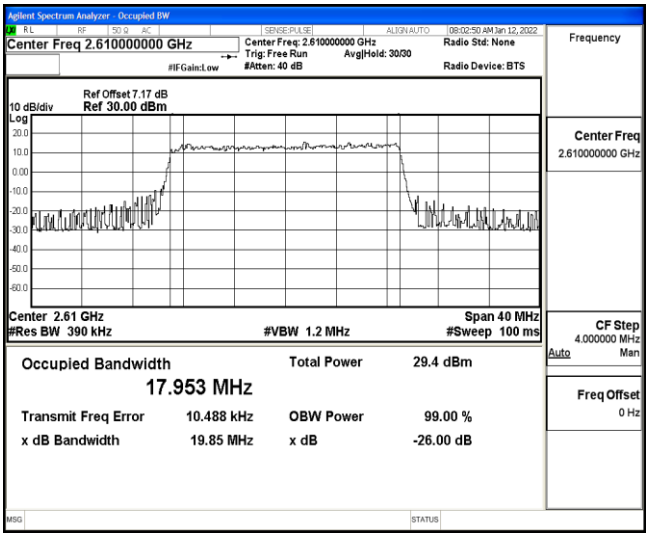
Band38-20MHz-QPSK-37850-100RB#0



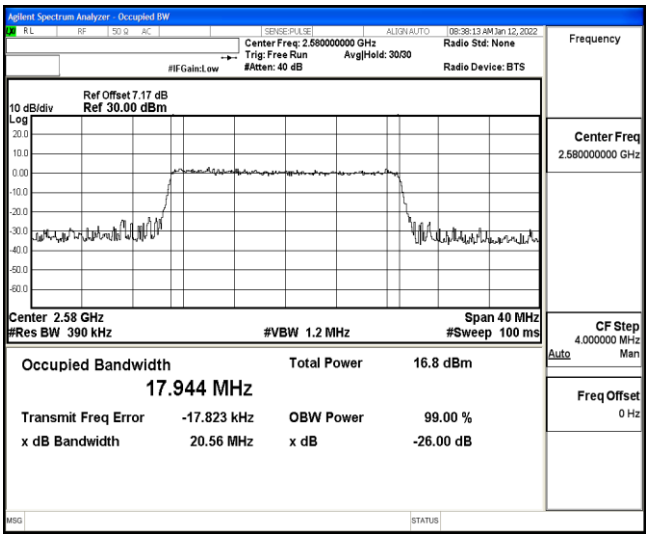
Band38-20MHz-QPSK-38000-100RB#0



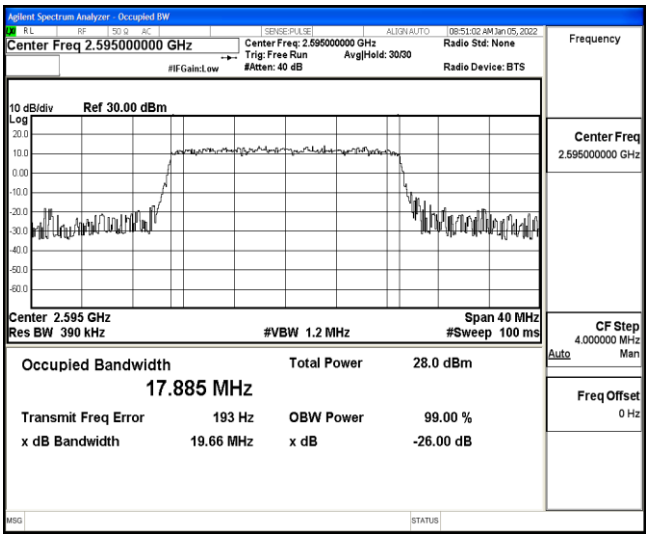
Band38-20MHz-QPSK-38150-100RB#0



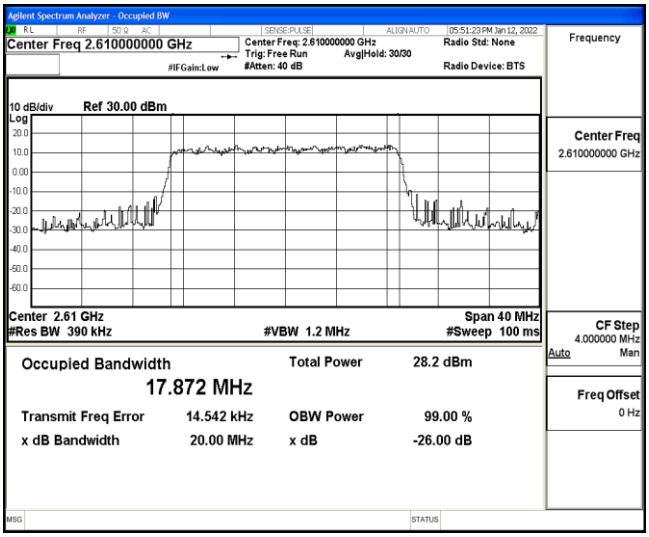
Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38000-100RB#0



Band38-20MHz-16QAM-38150-100RB#0


Agilent Spectrum Analyzer - Occupied BW
Center Freq 2.610000000 GHz
Center Freq: 2.610000000 GHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
05:51:23 PM Jan 12, 2022
Frequency
10 dB/div
Ref 30.00 dBm
Log
Center Freq
2.610000000 GHz
Center 2.61 GHz
#Res BW 390 kHz
#VBW 1.2 MHz
Span 40 MHz
#Sweep 100 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.872 MHz
Total Power
28.2 dBm
Transmit Freq Error
14.542 kHz
OBW Power
99.00 %
x dB Bandwidth
20.00 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

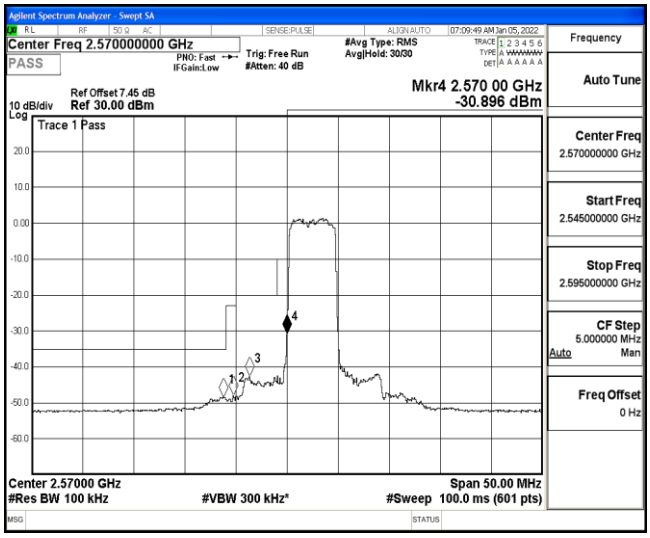
K.4 Band Edge

Test Result

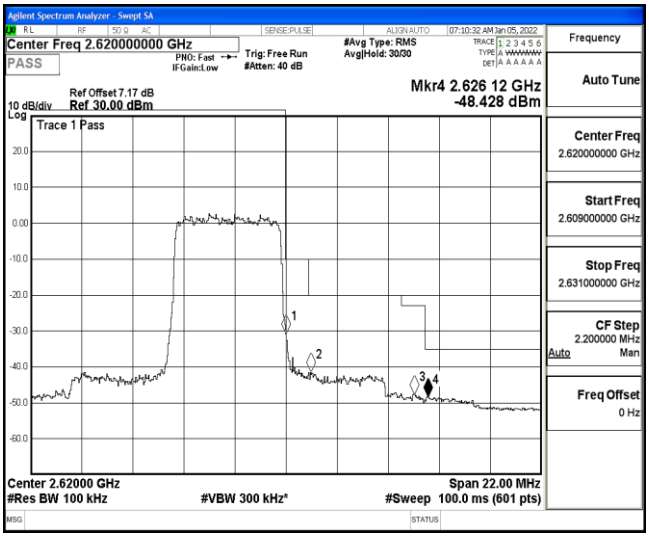
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	-48.39,-47.98,-42.67,-30.90	PASS
Band38	5MHz	QPSK	38225	25RB#0	-30.90,-41.50,-47.62,-48.43	PASS
Band38	5MHz	16QAM	37775	25RB#0	-49.46,-48.24,-43.17,-32.05	PASS
Band38	5MHz	16QAM	38225	25RB#0	-32.71,-40.96,-48.03,-48.84	PASS
Band38	10MHz	QPSK	37800	50RB#0	-45.94,-42.03,-42.81,-35.34	PASS
Band38	10MHz	QPSK	38200	50RB#0	-34.95,-41.53,-40.06,-44.92	PASS
Band38	10MHz	16QAM	37800	50RB#0	-45.69,-43.49,-42.33,-37.31	PASS
Band38	10MHz	16QAM	38200	50RB#0	-37.06,-41.03,-43.14,-46.01	PASS
Band38	15MHz	QPSK	37825	75RB#0	-43.52,-41.20,-40.79,-37.18	PASS
Band38	15MHz	QPSK	38175	75RB#0	-35.94,-39.88,-41.15,-44.81	PASS
Band38	15MHz	16QAM	37825	75RB#0	-44.42,-40.41,-40.15,-37.50	PASS
Band38	15MHz	16QAM	38175	75RB#0	-38.72,-39.58,-42.00,-44.91	PASS
Band38	20MHz	QPSK	37850	100RB#0	-44.84,-41.04,-42.08,-38.96	PASS
Band38	20MHz	QPSK	38150	100RB#0	-38.12,-41.54,-42.32,-45.34	PASS
Band38	20MHz	16QAM	37850	100RB#0	-44.66,-42.10,-41.53,-39.67	PASS
Band38	20MHz	16QAM	38150	100RB#0	-38.29,-40.98,-42.02,-45.11	PASS

Test Graphs

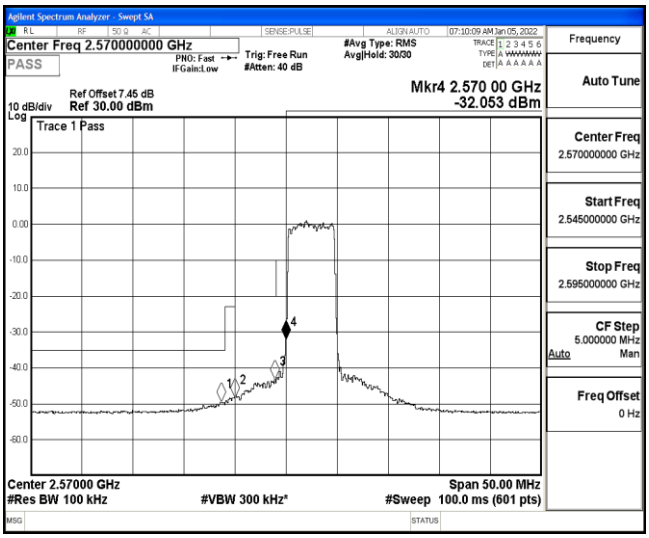
Band38-5MHz-QPSK-37775-25RB#0



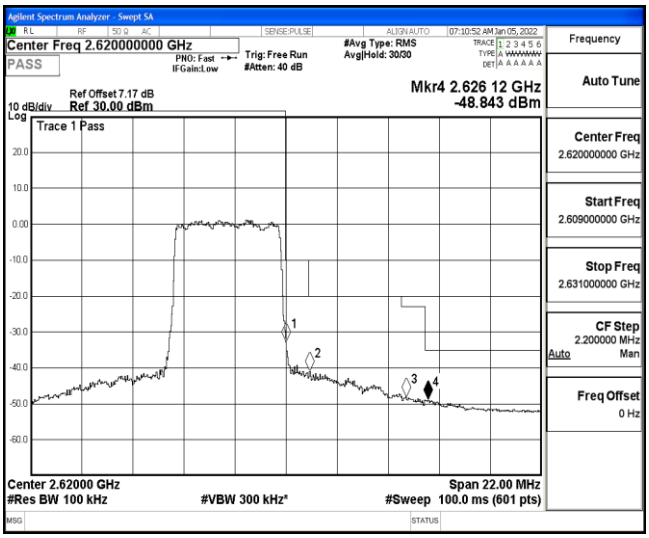
Band38-5MHz-QPSK-38225-25RB#0



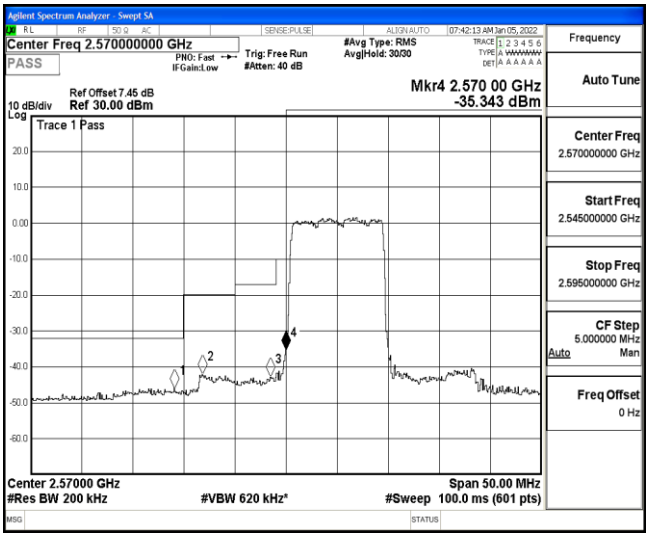
Band38-5MHz-16QAM-37775-25RB#0



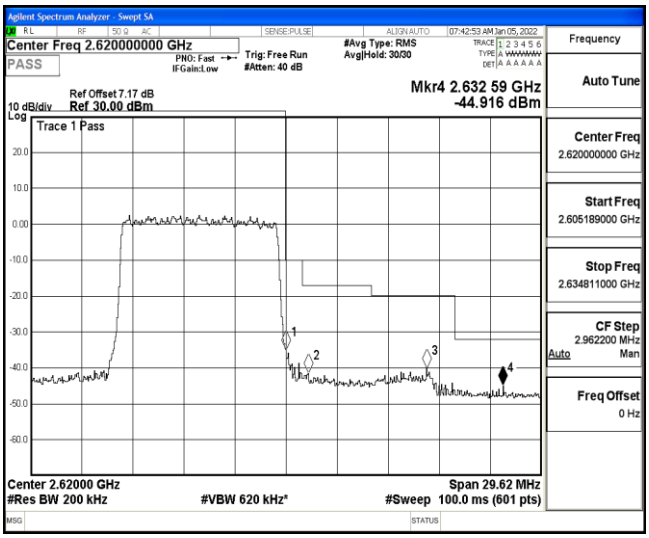
Band38-5MHz-16QAM-38225-25RB#0



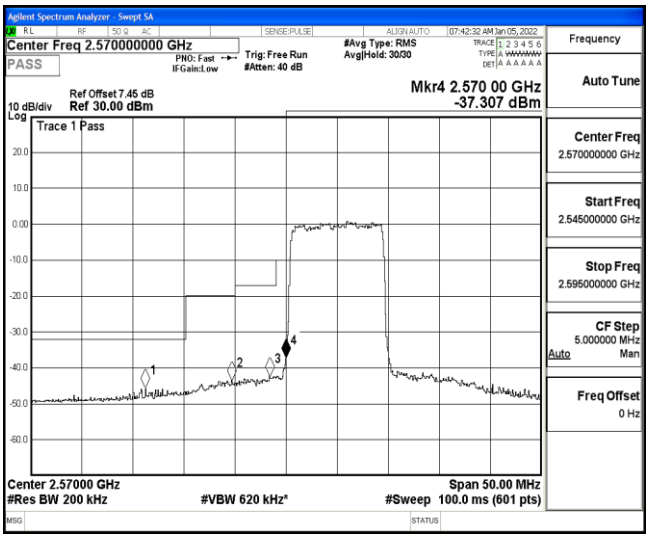
Band38-10MHz-QPSK-37800-50RB#0



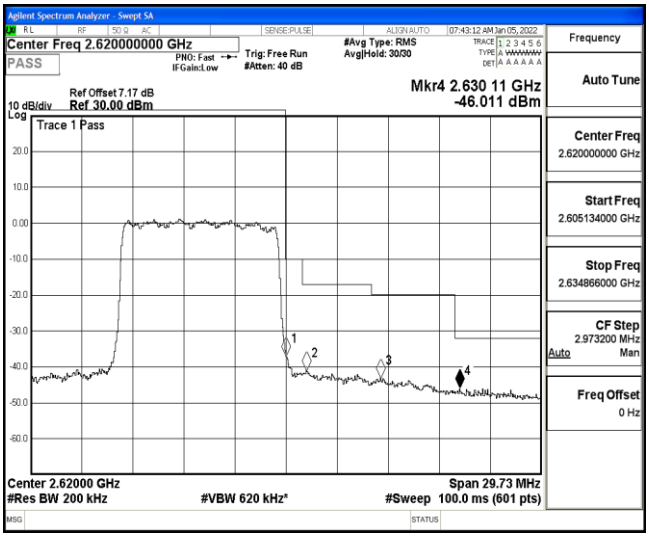
Band38-10MHz-QPSK-38200-50RB#0



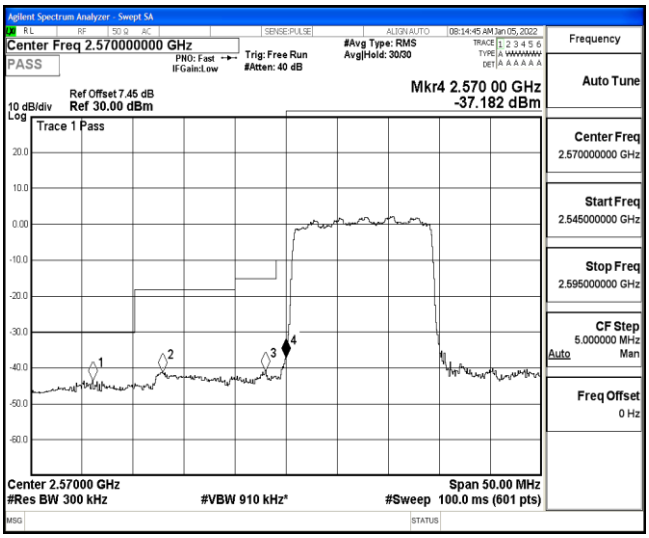
Band38-10MHz-16QAM-37800-50RB#0



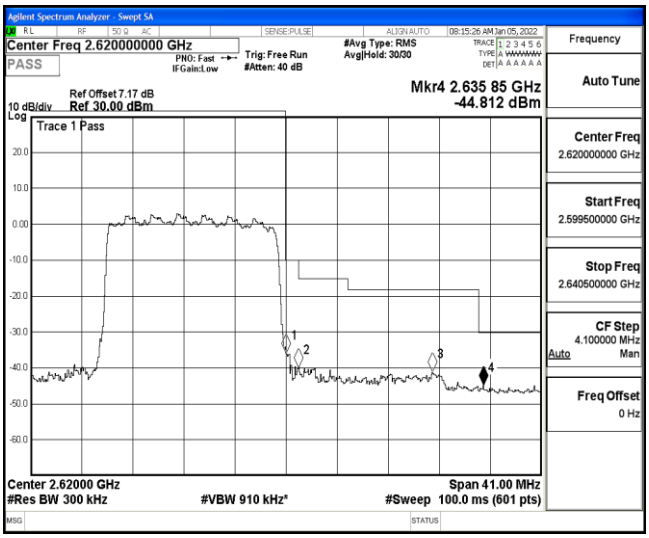
Band38-10MHz-16QAM-38200-50RB#0



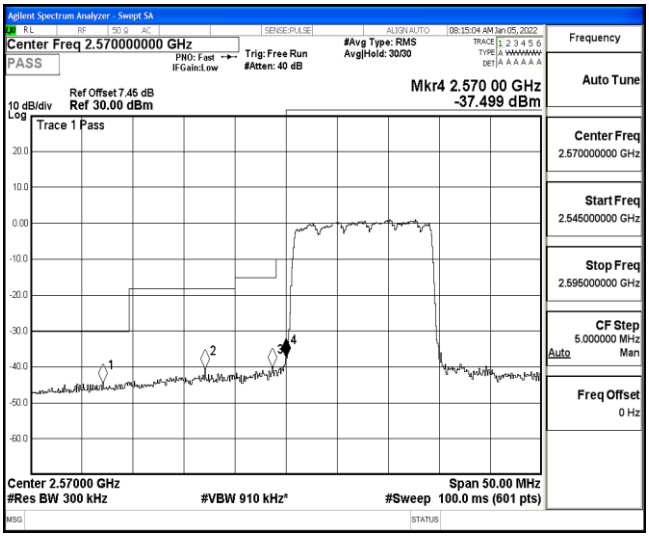
Band38-15MHz-QPSK-37825-75RB#0



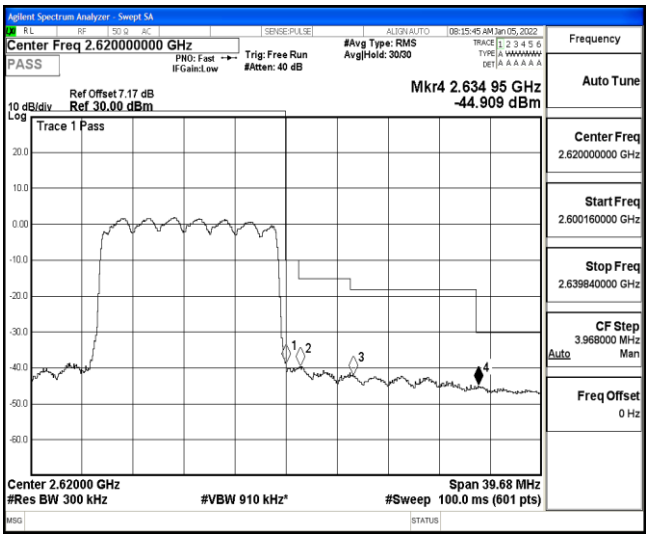
Band38-15MHz-QPSK-38175-75RB#0



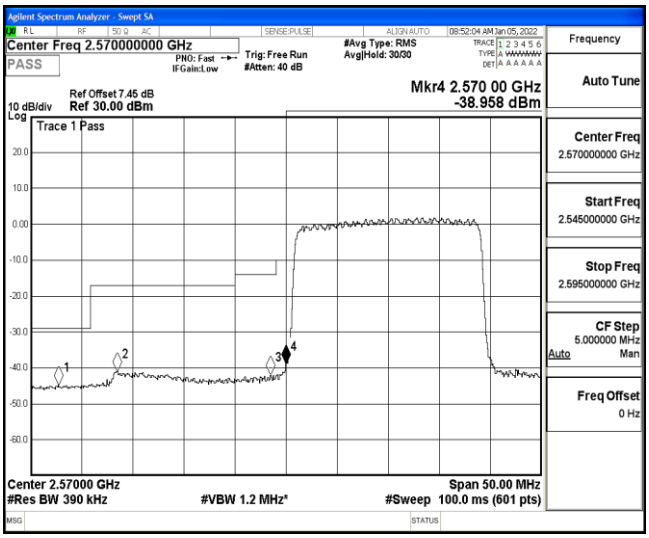
Band38-15MHz-16QAM-37825-75RB#0



Band38-15MHz-16QAM-38175-75RB#0



Band38-20MHz-QPSK-37850-100RB#0



Band38-20MHz-QPSK-38150-100RB#0