



Appendix N: Test Data for E-UTRA Band 38

Product Name: Rugged Handheld Computer

Test Model: EA520

Environmental Conditions

Temperature:	21.2° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Kay Hu
Supervised by:	Li Huan



N.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	21.94	PASS
Band38	5MHz	QPSK	37775	1RB#12	21.96	PASS
Band38	5MHz	QPSK	37775	1RB#24	21.81	PASS
Band38	5MHz	QPSK	37775	12RB#0	20.94	PASS
Band38	5MHz	QPSK	37775	12RB#6	20.92	PASS
Band38	5MHz	QPSK	37775	12RB#13	20.85	PASS
Band38	5MHz	QPSK	37775	25RB#0	20.90	PASS
Band38	5MHz	QPSK	38000	1RB#0	21.92	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.05	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.02	PASS
Band38	5MHz	QPSK	38000	12RB#0	20.93	PASS
Band38	5MHz	QPSK	38000	12RB#6	20.91	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.03	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.98	PASS
Band38	5MHz	QPSK	38225	1RB#0	21.90	PASS
Band38	5MHz	QPSK	38225	1RB#12	21.96	PASS
Band38	5MHz	QPSK	38225	1RB#24	21.82	PASS
Band38	5MHz	QPSK	38225	12RB#0	20.91	PASS
Band38	5MHz	QPSK	38225	12RB#6	20.94	PASS
Band38	5MHz	QPSK	38225	12RB#13	20.87	PASS
Band38	5MHz	QPSK	38225	25RB#0	20.92	PASS
Band38	5MHz	16QAM	37775	1RB#0	20.96	PASS
Band38	5MHz	16QAM	37775	1RB#12	20.95	PASS
Band38	5MHz	16QAM	37775	1RB#24	20.81	PASS
Band38	5MHz	16QAM	37775	12RB#0	19.87	PASS
Band38	5MHz	16QAM	37775	12RB#6	19.90	PASS
Band38	5MHz	16QAM	37775	12RB#13	19.83	PASS
Band38	5MHz	16QAM	37775	25RB#0	19.92	PASS
Band38	5MHz	16QAM	38000	1RB#0	20.80	PASS
Band38	5MHz	16QAM	38000	1RB#12	20.91	PASS
Band38	5MHz	16QAM	38000	1RB#24	20.88	PASS
Band38	5MHz	16QAM	38000	12RB#0	19.89	PASS



Band38	5MHz	16QAM	38000	12RB#6	19.95	PASS
Band38	5MHz	16QAM	38000	12RB#13	19.98	PASS
Band38	5MHz	16QAM	38000	25RB#0	19.98	PASS
Band38	5MHz	16QAM	38225	1RB#0	20.94	PASS
Band38	5MHz	16QAM	38225	1RB#12	20.97	PASS
Band38	5MHz	16QAM	38225	1RB#24	20.90	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	19.99	PASS
Band38	5MHz	16QAM	38225	12RB#13	19.97	PASS
Band38	5MHz	16QAM	38225	25RB#0	19.93	PASS
Band38	10MHz	QPSK	37800	1RB#0	21.95	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.06	PASS
Band38	10MHz	QPSK	37800	1RB#49	21.71	PASS
Band38	10MHz	QPSK	37800	25RB#0	20.85	PASS
Band38	10MHz	QPSK	37800	25RB#12	20.84	PASS
Band38	10MHz	QPSK	37800	25RB#25	20.83	PASS
Band38	10MHz	QPSK	37800	50RB#0	20.80	PASS
Band38	10MHz	QPSK	38000	1RB#0	21.84	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.23	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.02	PASS
Band38	10MHz	QPSK	38000	25RB#0	20.86	PASS
Band38	10MHz	QPSK	38000	25RB#12	20.90	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.04	PASS
Band38	10MHz	QPSK	38000	50RB#0	20.95	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.08	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.28	PASS
Band38	10MHz	QPSK	38200	1RB#49	21.91	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	20.99	PASS
Band38	10MHz	QPSK	38200	25RB#25	20.95	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.01	PASS
Band38	10MHz	16QAM	37800	1RB#0	20.87	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.03	PASS
Band38	10MHz	16QAM	37800	1RB#49	20.66	PASS
Band38	10MHz	16QAM	37800	25RB#0	19.88	PASS
Band38	10MHz	16QAM	37800	25RB#12	19.87	PASS
Band38	10MHz	16QAM	37800	25RB#25	19.83	PASS



Band38	10MHz	16QAM	37800	50RB#0	19.83	PASS
Band38	10MHz	16QAM	38000	1RB#0	20.77	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.20	PASS
Band38	10MHz	16QAM	38000	1RB#49	20.98	PASS
Band38	10MHz	16QAM	38000	25RB#0	19.93	PASS
Band38	10MHz	16QAM	38000	25RB#12	19.99	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.04	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.03	PASS
Band38	10MHz	16QAM	38200	1RB#0	20.86	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.09	PASS
Band38	10MHz	16QAM	38200	1RB#49	20.77	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.08	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.12	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.04	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.07	PASS
Band38	15MHz	QPSK	37825	1RB#0	21.90	PASS
Band38	15MHz	QPSK	37825	1RB#38	21.78	PASS
Band38	15MHz	QPSK	37825	1RB#74	21.61	PASS
Band38	15MHz	QPSK	37825	38RB#0	20.82	PASS
Band38	15MHz	QPSK	37825	38RB#18	20.71	PASS
Band38	15MHz	QPSK	37825	38RB#37	20.58	PASS
Band38	15MHz	QPSK	37825	75RB#0	20.78	PASS
Band38	15MHz	QPSK	38000	1RB#0	21.64	PASS
Band38	15MHz	QPSK	38000	1RB#38	21.95	PASS
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Band38	15MHz	QPSK	38000	38RB#0	20.62	PASS
Band38	15MHz	QPSK	38000	38RB#18	20.92	PASS
Band38	15MHz	QPSK	38000	38RB#37	20.91	PASS
Band38	15MHz	QPSK	38000	75RB#0	20.90	PASS
Band38	15MHz	QPSK	38175	1RB#0	21.93	PASS
Band38	15MHz	QPSK	38175	1RB#38	21.95	PASS
Band38	15MHz	QPSK	38175	1RB#74	21.73	PASS
Band38	15MHz	QPSK	38175	38RB#0	20.91	PASS
Band38	15MHz	QPSK	38175	38RB#18	20.98	PASS
Band38	15MHz	QPSK	38175	38RB#37	20.70	PASS
Band38	15MHz	QPSK	38175	75RB#0	20.93	PASS
Band38	15MHz	16QAM	37825	1RB#0	20.83	PASS



Band38	15MHz	16QAM	37825	1RB#38	20.71	PASS
Band38	15MHz	16QAM	37825	1RB#74	20.59	PASS
Band38	15MHz	16QAM	37825	38RB#0	20.76	PASS
Band38	15MHz	16QAM	37825	38RB#18	20.71	PASS
Band38	15MHz	16QAM	37825	38RB#37	20.60	PASS
Band38	15MHz	16QAM	37825	75RB#0	19.77	PASS
Band38	15MHz	16QAM	38000	1RB#0	20.60	PASS
Band38	15MHz	16QAM	38000	1RB#38	20.90	PASS
Band38	15MHz	16QAM	38000	1RB#74	20.93	PASS
Band38	15MHz	16QAM	38000	38RB#0	20.59	PASS
Band38	15MHz	16QAM	38000	38RB#18	20.92	PASS
Band38	15MHz	16QAM	38000	38RB#37	20.91	PASS
Band38	15MHz	16QAM	38000	75RB#0	19.94	PASS
Band38	15MHz	16QAM	38175	1RB#0	20.97	PASS
Band38	15MHz	16QAM	38175	1RB#38	20.99	PASS
Band38	15MHz	16QAM	38175	1RB#74	20.76	PASS
Band38	15MHz	16QAM	38175	38RB#0	20.96	PASS
Band38	15MHz	16QAM	38175	38RB#18	20.95	PASS
Band38	15MHz	16QAM	38175	38RB#37	20.76	PASS
Band38	15MHz	16QAM	38175	75RB#0	19.97	PASS
Band38	20MHz	QPSK	37850	1RB#0	21.63	PASS
Band38	20MHz	QPSK	37850	1RB#49	21.90	PASS
Band38	20MHz	QPSK	37850	1RB#99	21.49	PASS
Band38	20MHz	QPSK	37850	50RB#0	20.52	PASS
Band38	20MHz	QPSK	37850	50RB#25	20.51	PASS
Band38	20MHz	QPSK	37850	50RB#50	20.67	PASS
Band38	20MHz	QPSK	37850	100RB#0	20.61	PASS
Band38	20MHz	QPSK	38000	1RB#0	21.45	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.19	PASS
Band38	20MHz	QPSK	38000	1RB#99	21.81	PASS
Band38	20MHz	QPSK	38000	50RB#0	20.69	PASS
Band38	20MHz	QPSK	38000	50RB#25	20.68	PASS
Band38	20MHz	QPSK	38000	50RB#50	20.94	PASS
Band38	20MHz	QPSK	38000	100RB#0	20.84	PASS
Band38	20MHz	QPSK	38150	1RB#0	21.84	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.28	PASS
Band38	20MHz	QPSK	38150	1RB#99	21.59	PASS



Band38	20MHz	QPSK	38150	50RB#0	20.90	PASS
Band38	20MHz	QPSK	38150	50RB#25	20.89	PASS
Band38	20MHz	QPSK	38150	50RB#50	20.89	PASS
Band38	20MHz	QPSK	38150	100RB#0	20.91	PASS
Band38	20MHz	16QAM	37850	1RB#0	20.48	PASS
Band38	20MHz	16QAM	37850	1RB#49	20.75	PASS
Band38	20MHz	16QAM	37850	1RB#99	20.35	PASS
Band38	20MHz	16QAM	37850	50RB#0	19.52	PASS
Band38	20MHz	16QAM	37850	50RB#25	19.52	PASS
Band38	20MHz	16QAM	37850	50RB#50	19.73	PASS
Band38	20MHz	16QAM	37850	100RB#0	19.65	PASS
Band38	20MHz	16QAM	38000	1RB#0	20.31	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.05	PASS
Band38	20MHz	16QAM	38000	1RB#99	20.71	PASS
Band38	20MHz	16QAM	38000	50RB#0	19.77	PASS
Band38	20MHz	16QAM	38000	50RB#25	19.77	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.01	PASS
Band38	20MHz	16QAM	38000	100RB#0	19.88	PASS
Band38	20MHz	16QAM	38150	1RB#0	20.68	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.13	PASS
Band38	20MHz	16QAM	38150	1RB#99	20.47	PASS
Band38	20MHz	16QAM	38150	50RB#0	19.98	PASS
Band38	20MHz	16QAM	38150	50RB#25	19.99	PASS
Band38	20MHz	16QAM	38150	50RB#50	19.98	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.02	PASS



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

Test Result

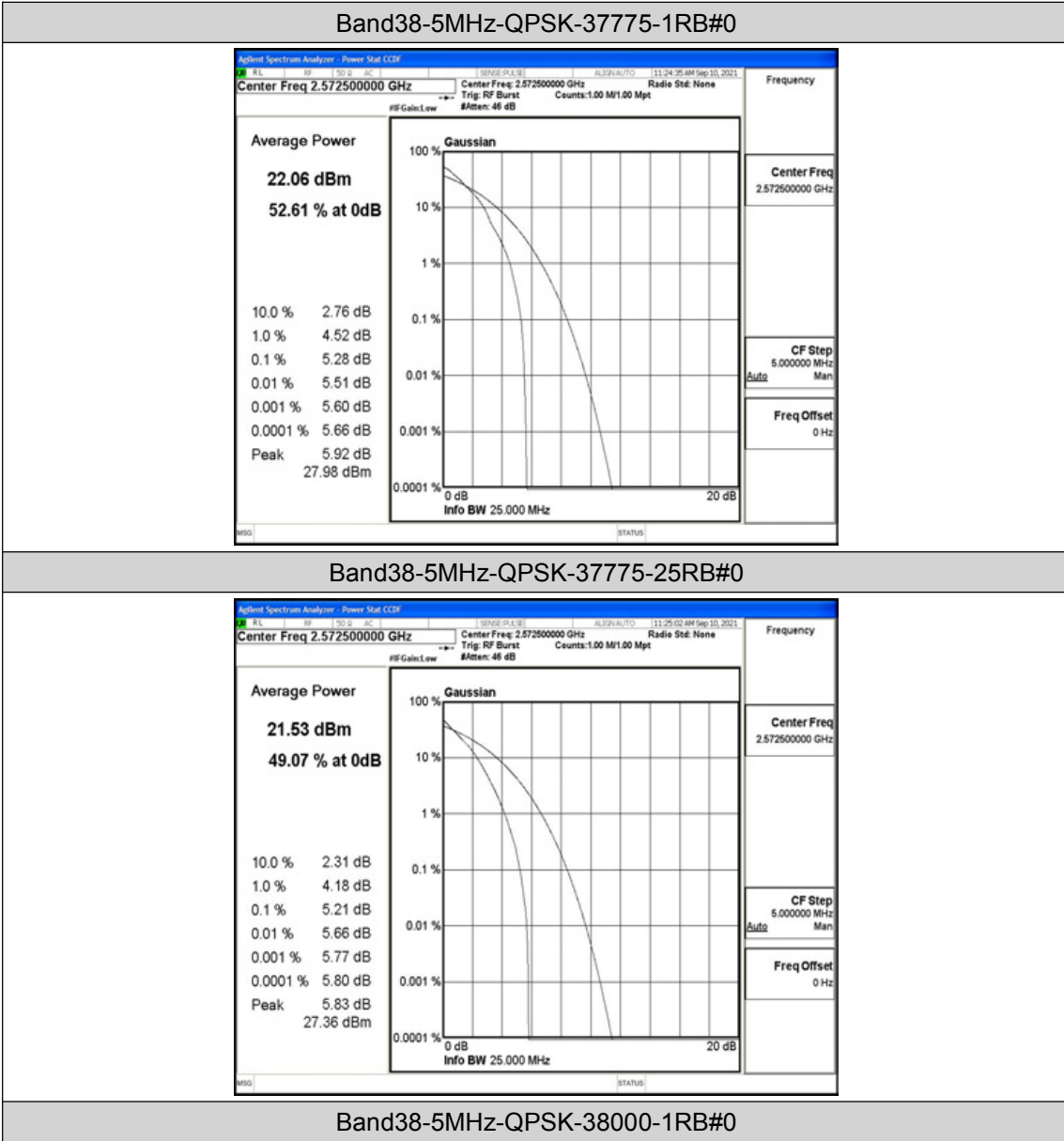
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	5.28	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	5.21	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	5.51	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.49	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	5.32	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.56	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	5.61	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	5.91	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	6.18	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.22	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	5.66	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.70	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	5.44	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.23	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	5.48	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.48	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	5.56	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.52	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	5.66	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	6.04	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	5.96	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.29	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	6.20	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	6.24	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	5.44	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	5.63	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	5.40	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.77	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	5.52	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.85	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	5.66	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	6.21	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	5.82	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.40	13	PASS
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Band38	15MHz	16QAM	38175	75RB#0	6.42	13	PASS

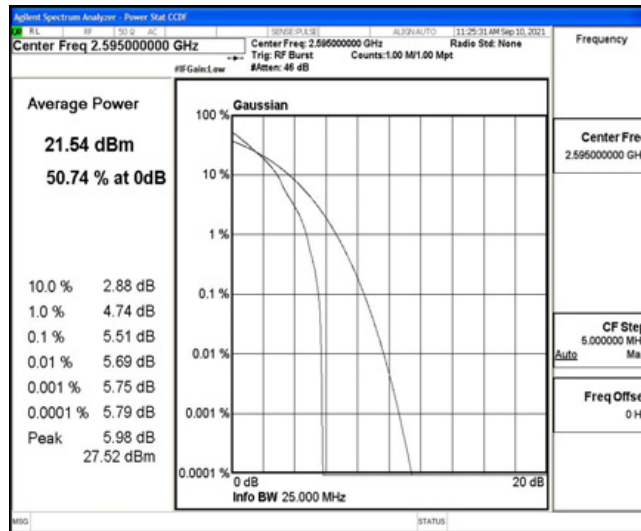


Band38	20MHz	QPSK	37850	1RB#0	8.53	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	8.98	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	8.02	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.43	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	5.50	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.52	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	8.42	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	8.41	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	8.41	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.34	13	PASS
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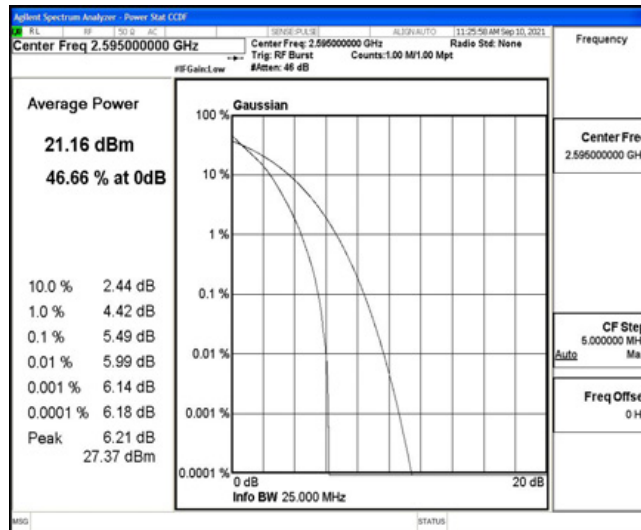


Test Graphs

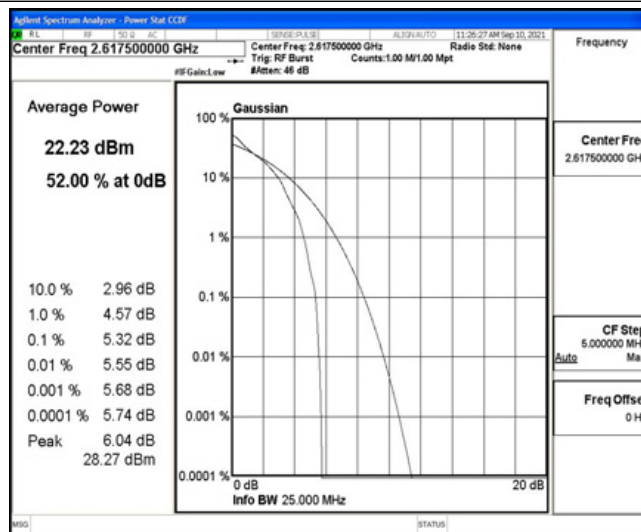




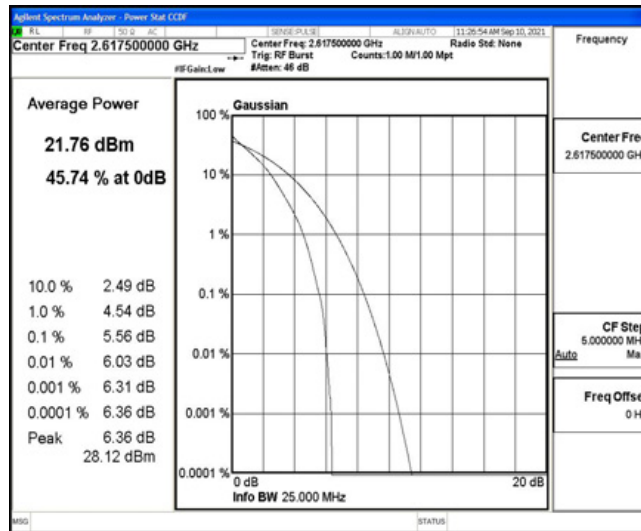
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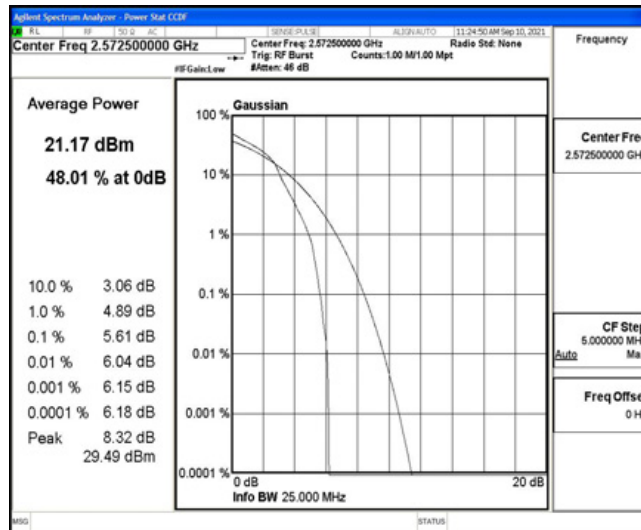
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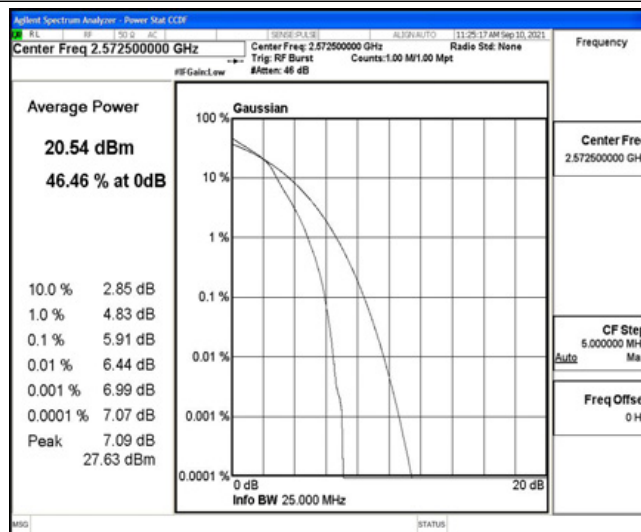
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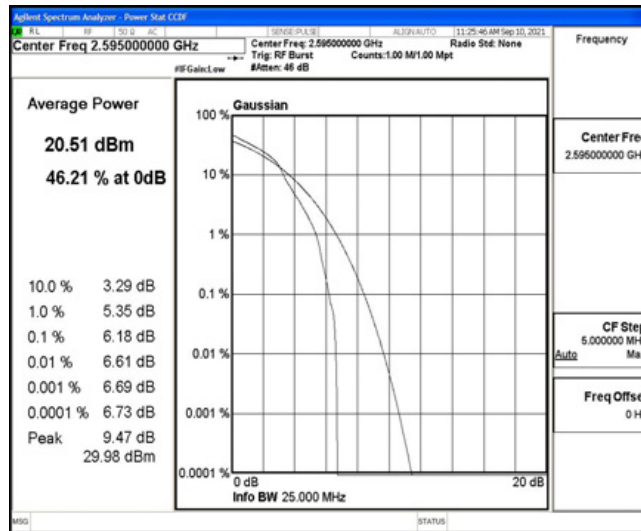
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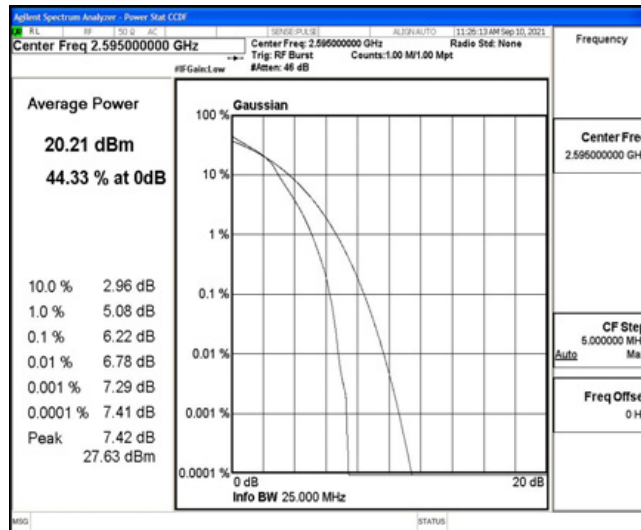
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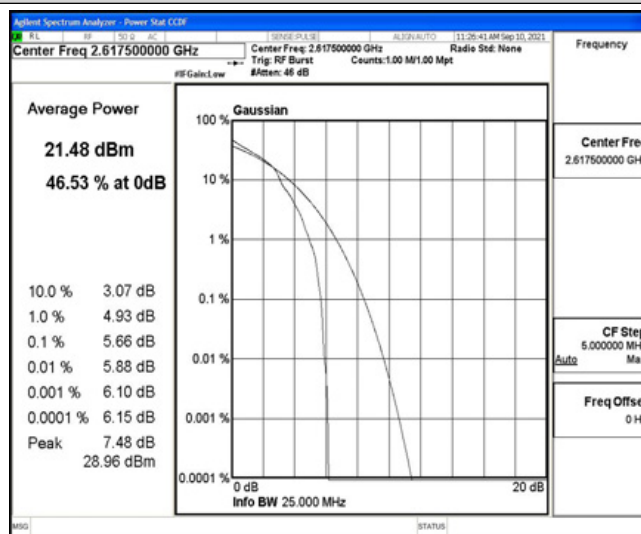
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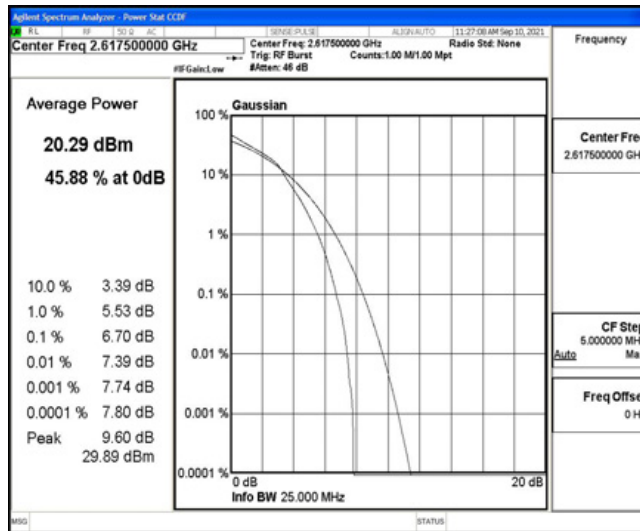
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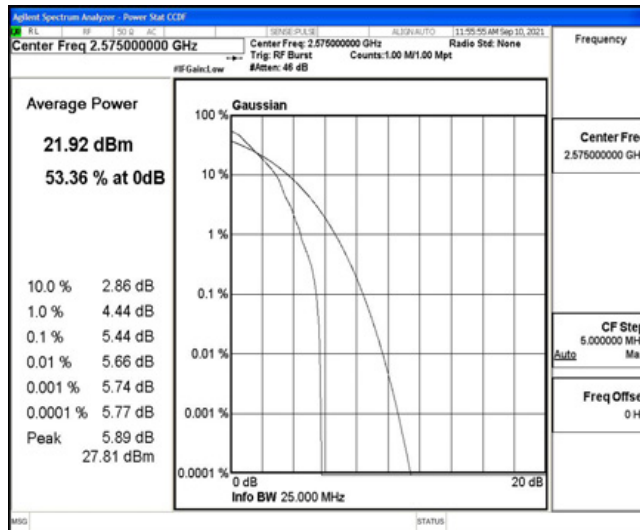
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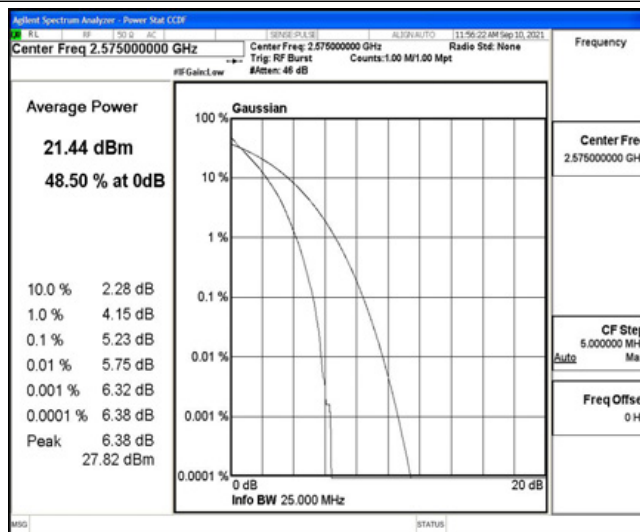
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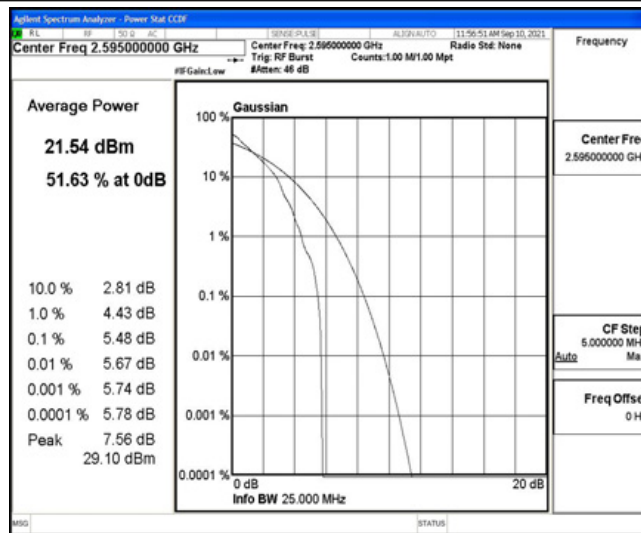
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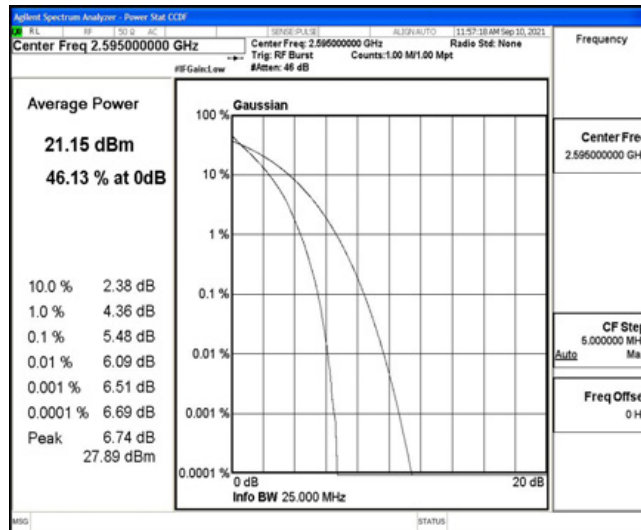
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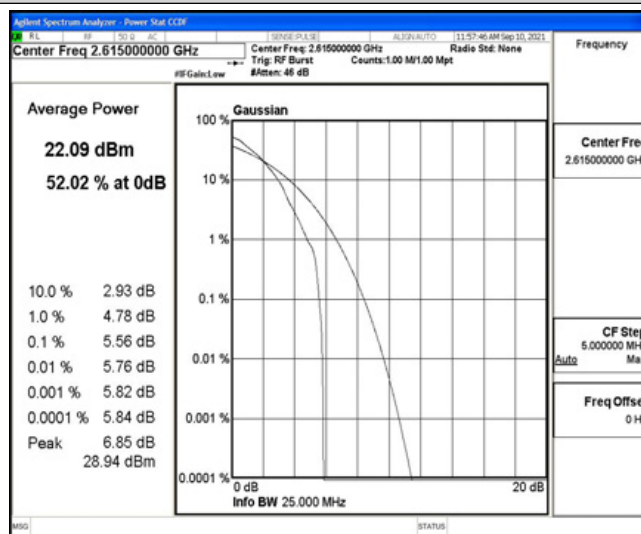
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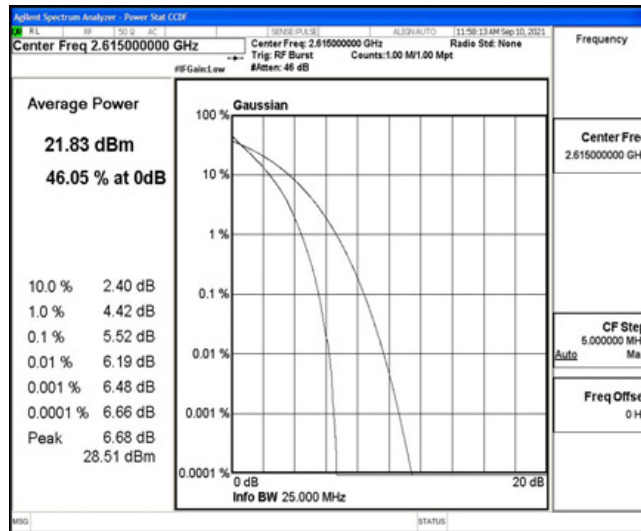
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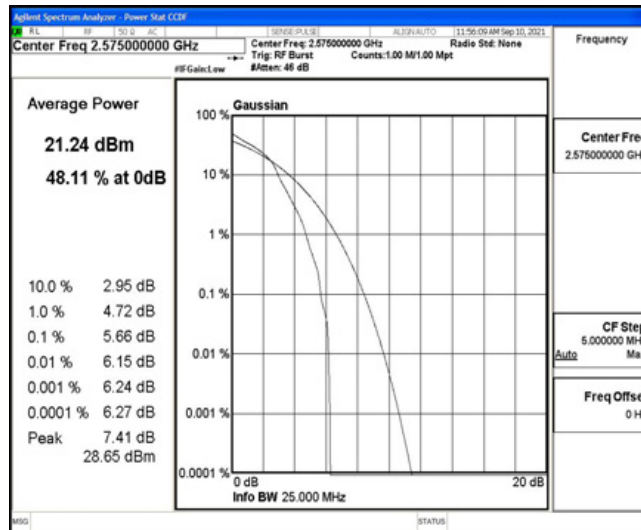
Band38-10MHz-QPSK-38200-1RB#0



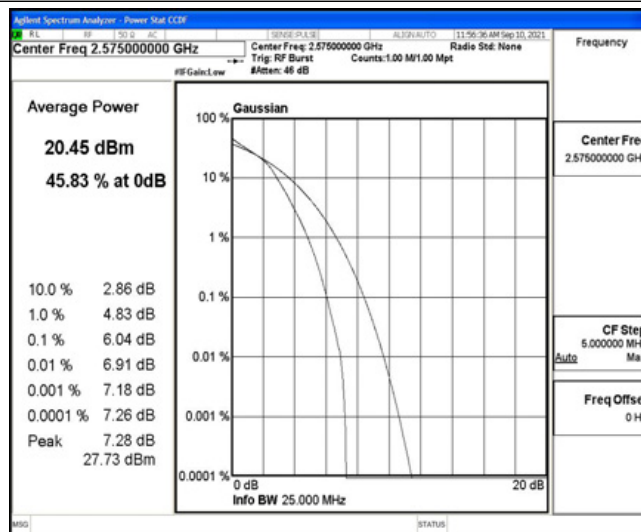
Band38-10MHz-QPSK-38200-50RB#0



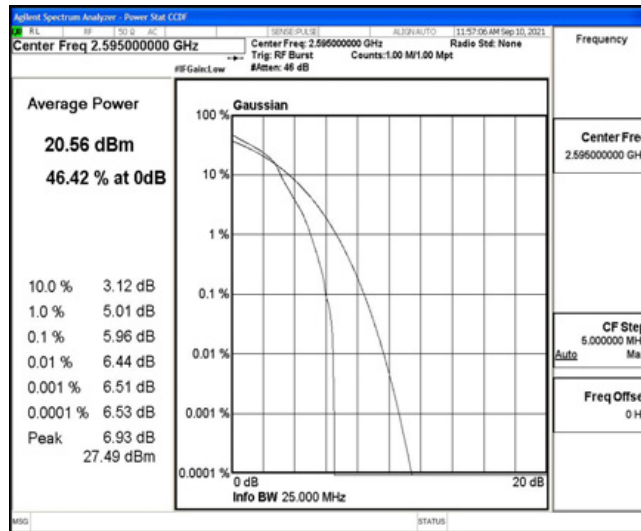
Band38-10MHz-16QAM-37800-1RB#0



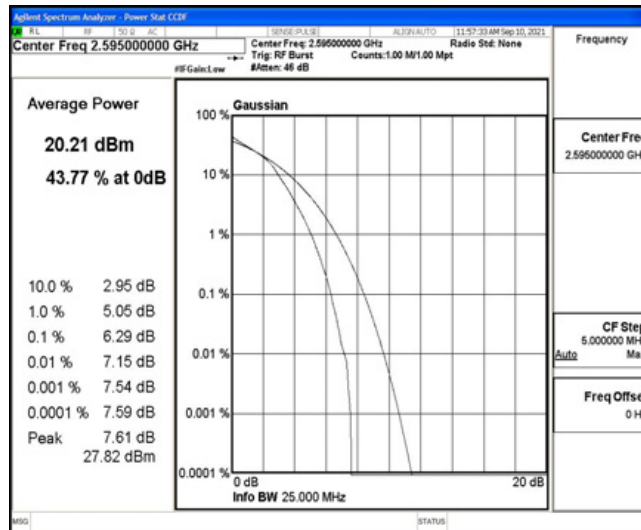
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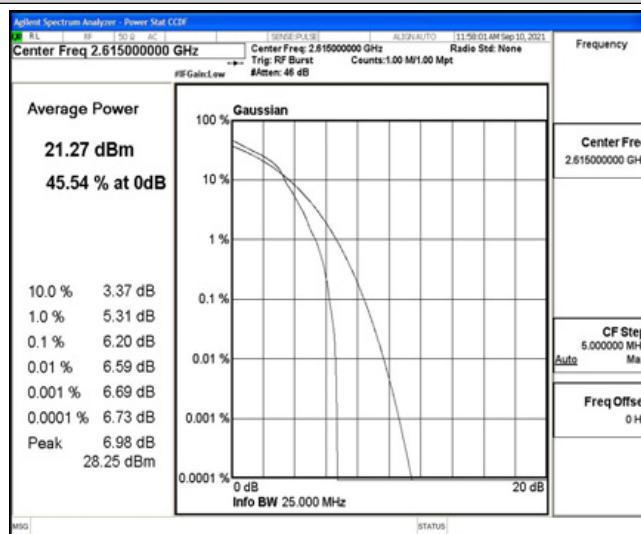
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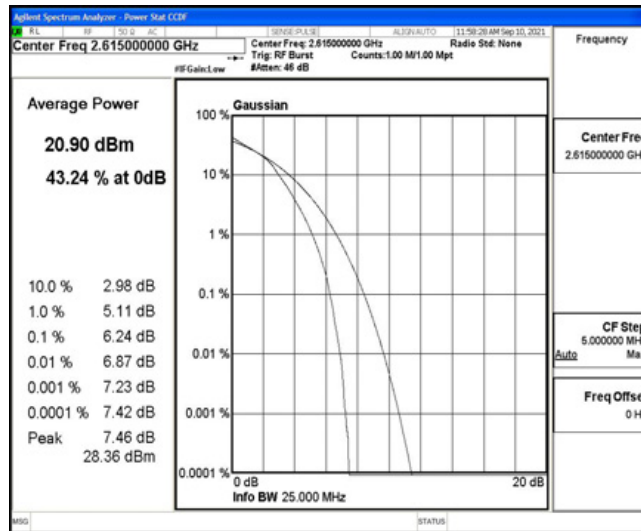
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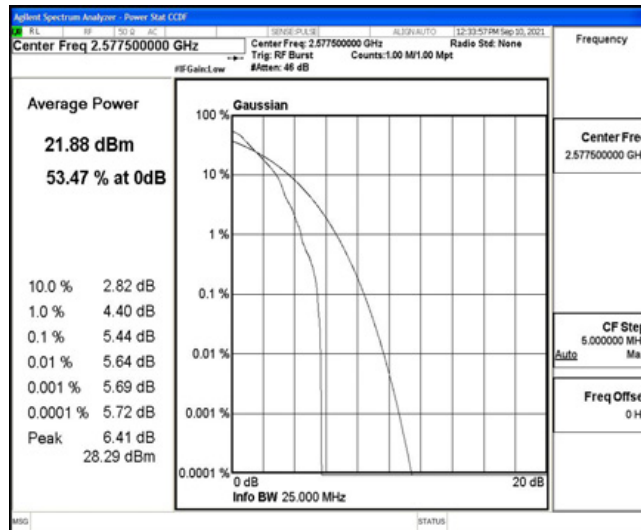
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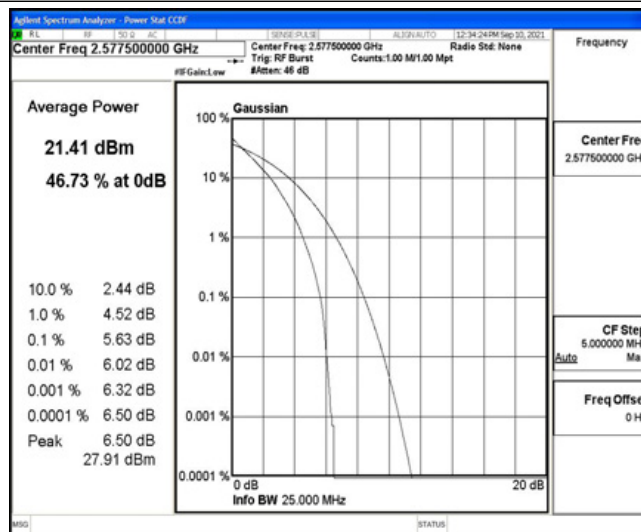
Band38-10MHz-16QAM-38200-50RB#0



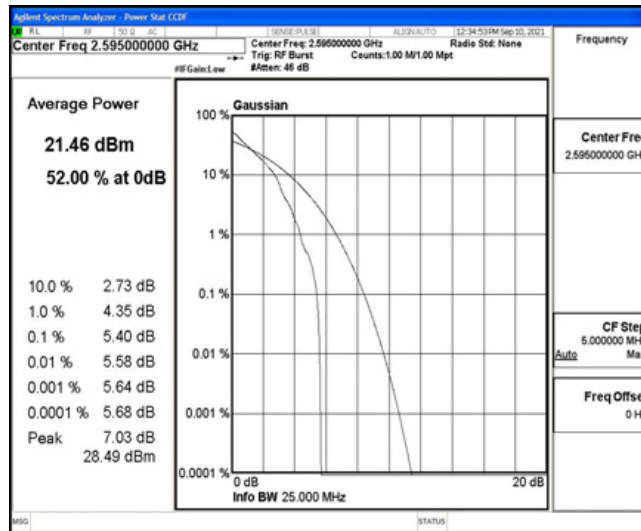
Band38-15MHz-QPSK-37825-1RB#0



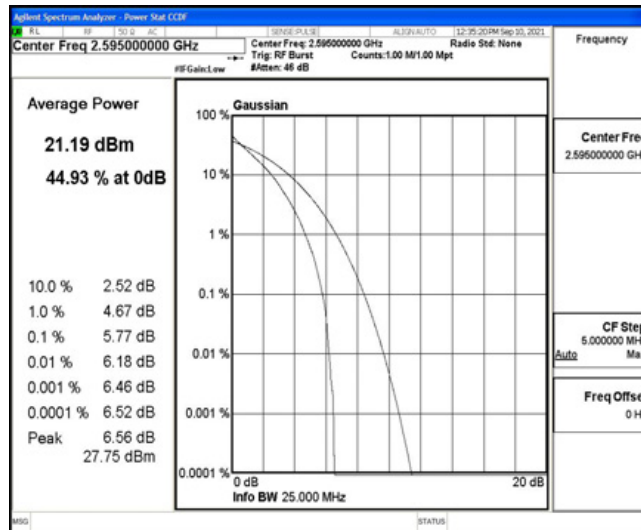
Band38-15MHz-QPSK-37825-75RB#0



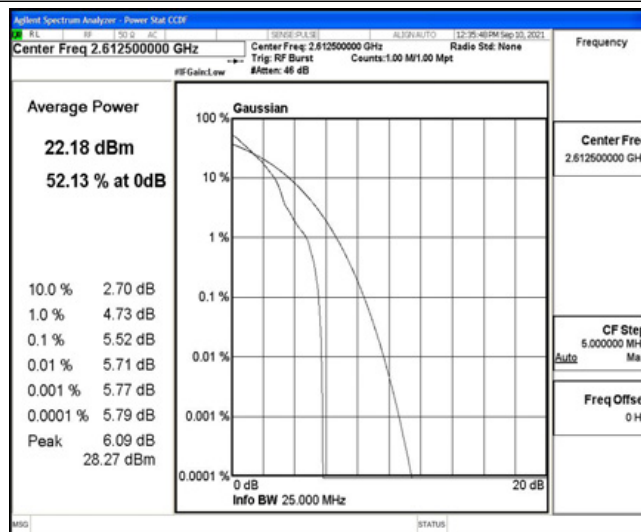
Band38-15MHz-QPSK-38000-1RB#0



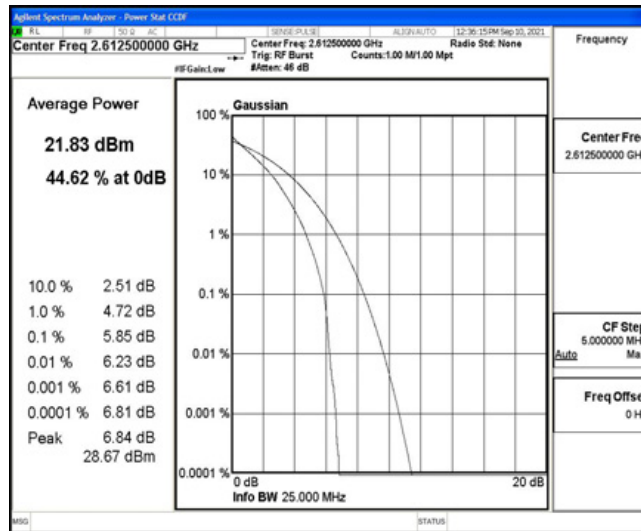
Band38-15MHz-QPSK-38000-75RB#0



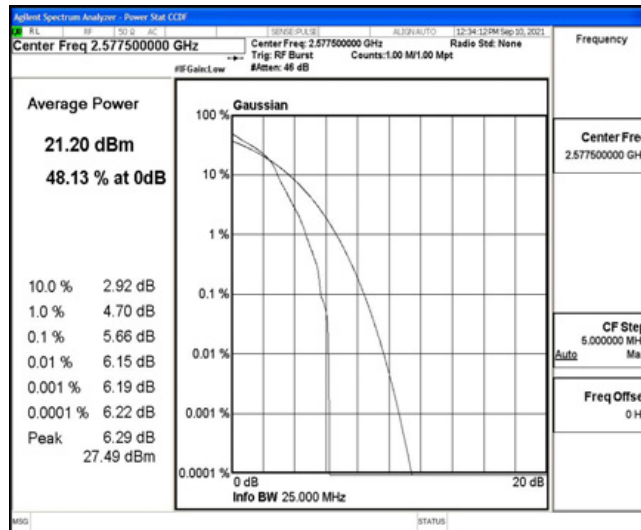
Band38-15MHz-QPSK-38175-1RB#0



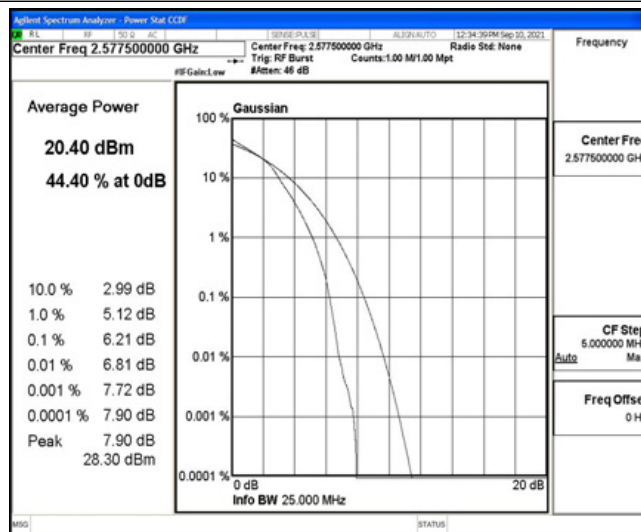
Band38-15MHz-QPSK-38175-75RB#0



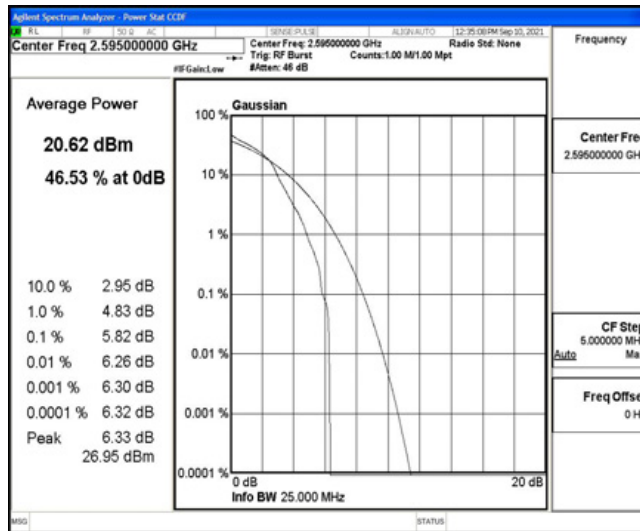
Band38-15MHz-16QAM-37825-1RB#0



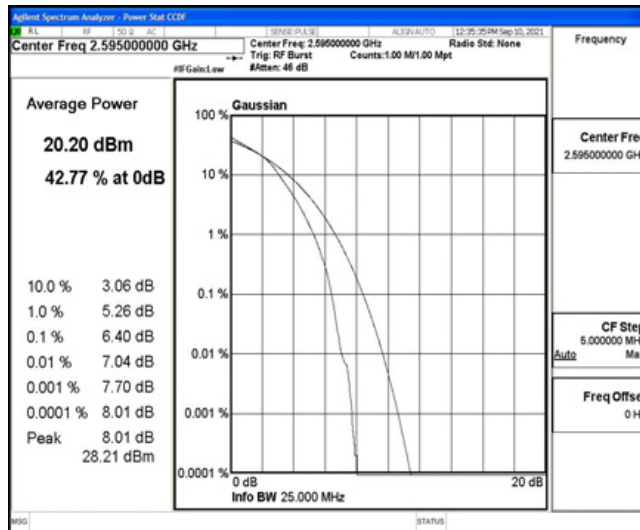
Band38-15MHz-16QAM-37825-75RB#0



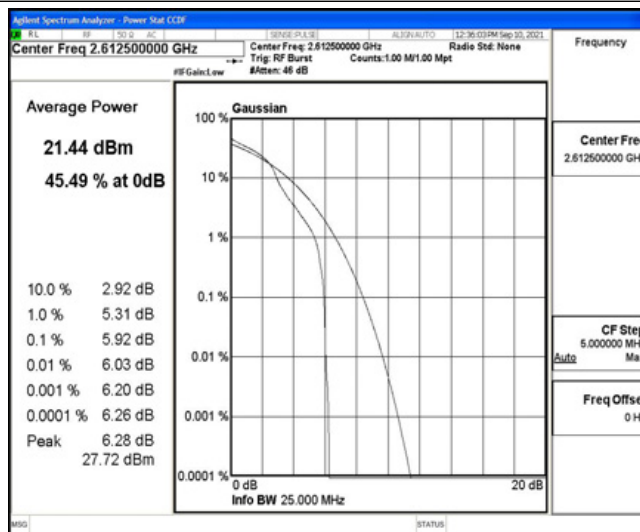
Band38-15MHz-16QAM-38000-1RB#0



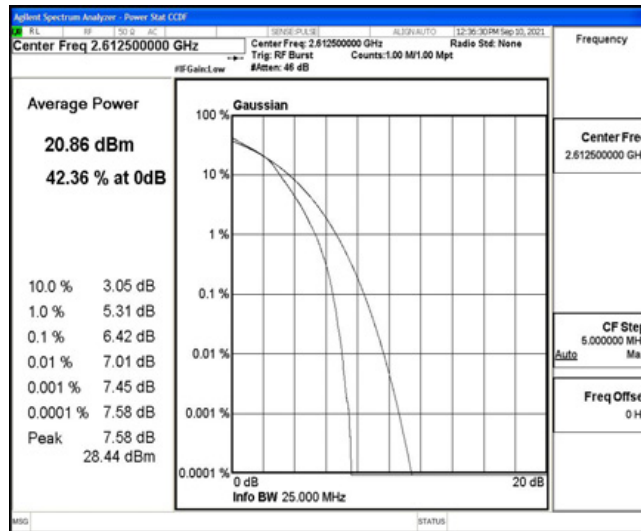
Band38-15MHz-16QAM-38000-75RB#0



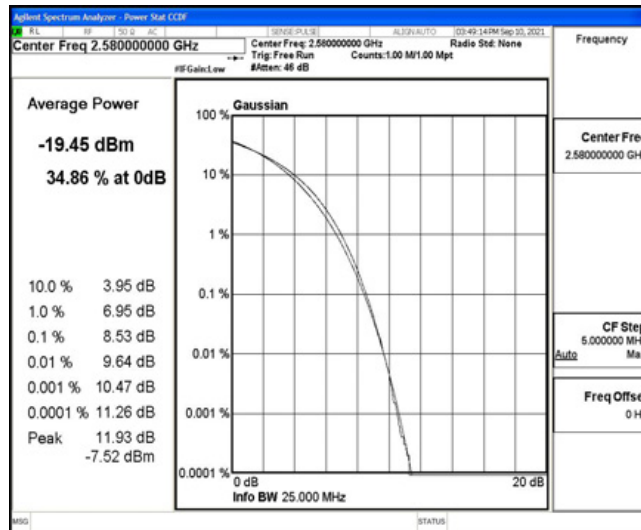
Band38-15MHz-16QAM-38175-1RB#0



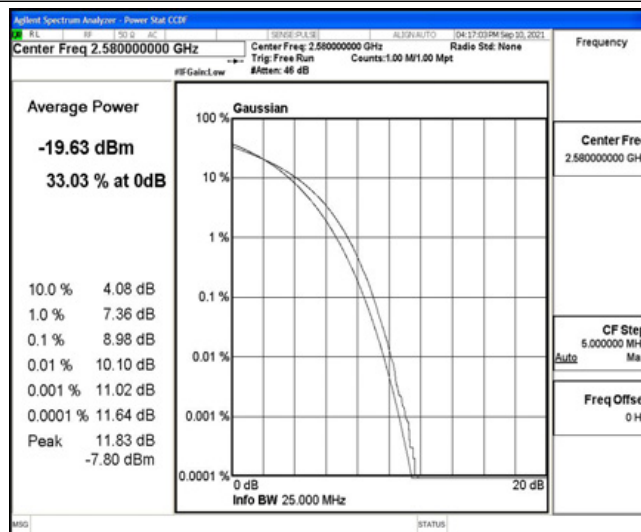
Band38-15MHz-16QAM-38175-75RB#0



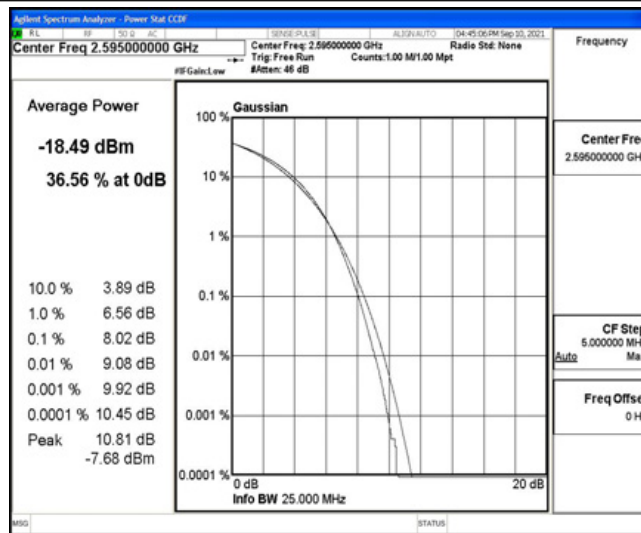
Band38-20MHz-QPSK-37850-1RB#0



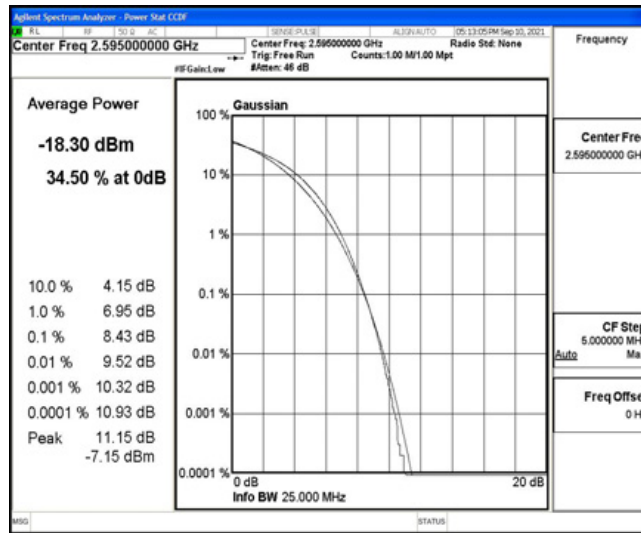
Band38-20MHz-QPSK-37850-100RB#0



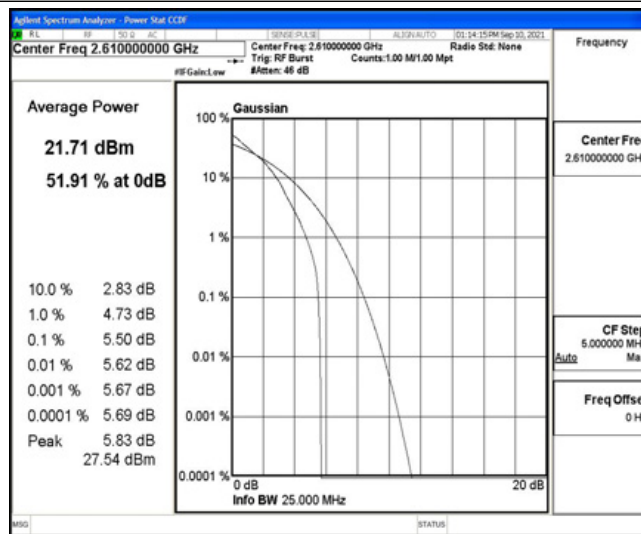
Band38-20MHz-QPSK-38000-1RB#0



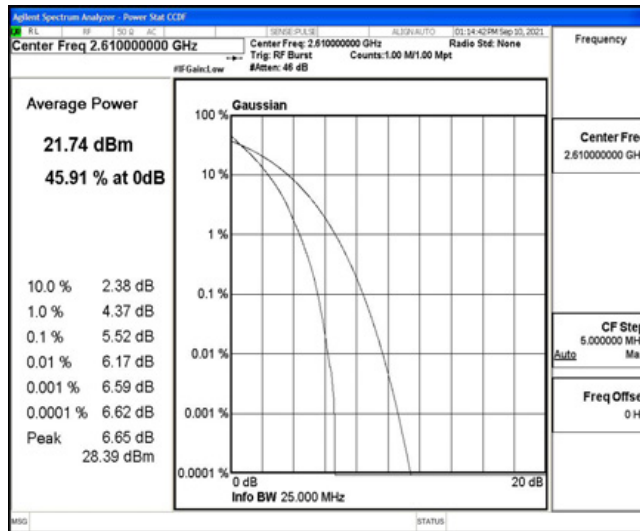
Band38-20MHz-QPSK-38000-100RB#0



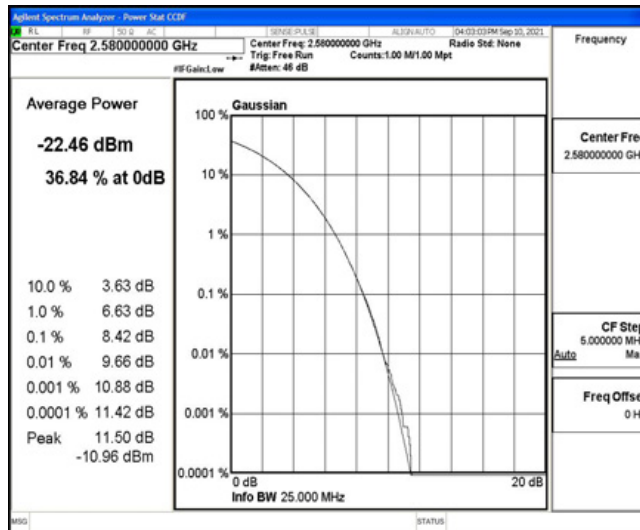
Band38-20MHz-QPSK-38150-1RB#0



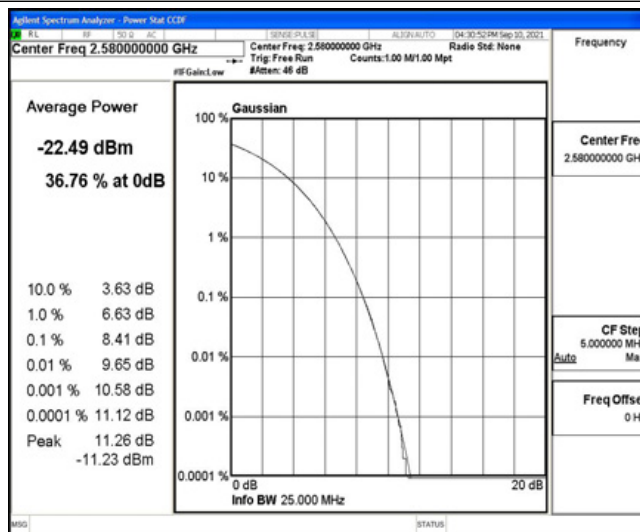
Band38-20MHz-QPSK-38150-100RB#0



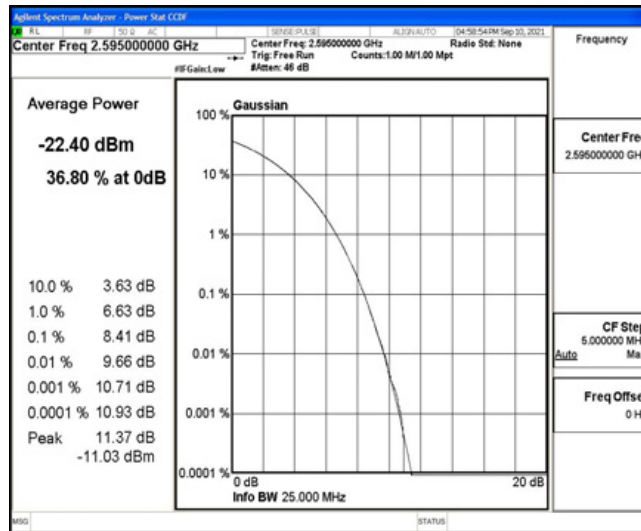
Band38-20MHz-16QAM-37850-1RB#0



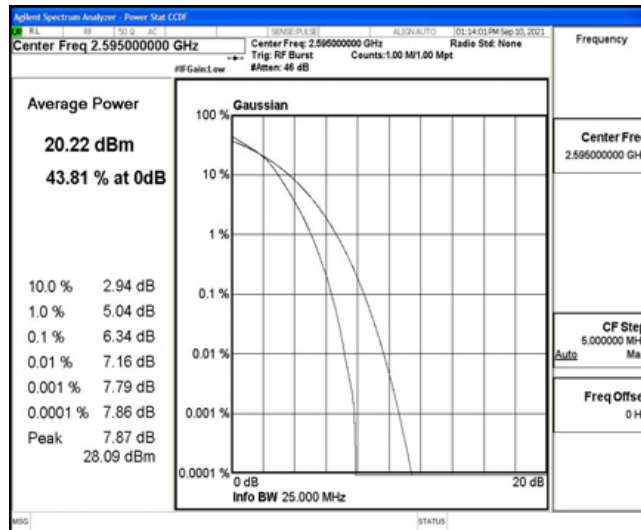
Band38-20MHz-16QAM-37850-100RB#0



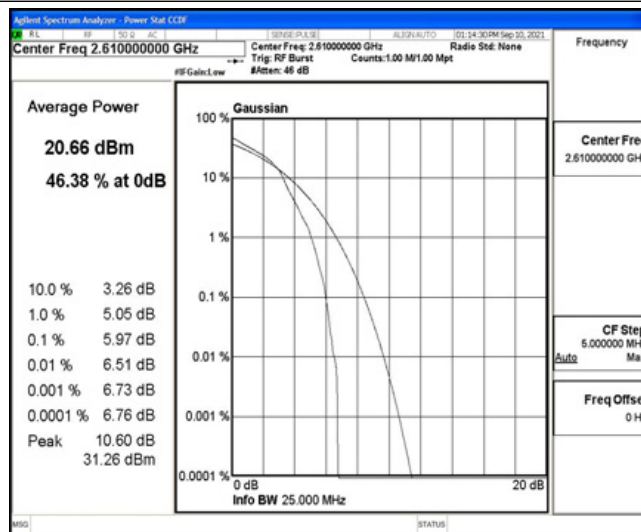
Band38-20MHz-16QAM-38000-1RB#0



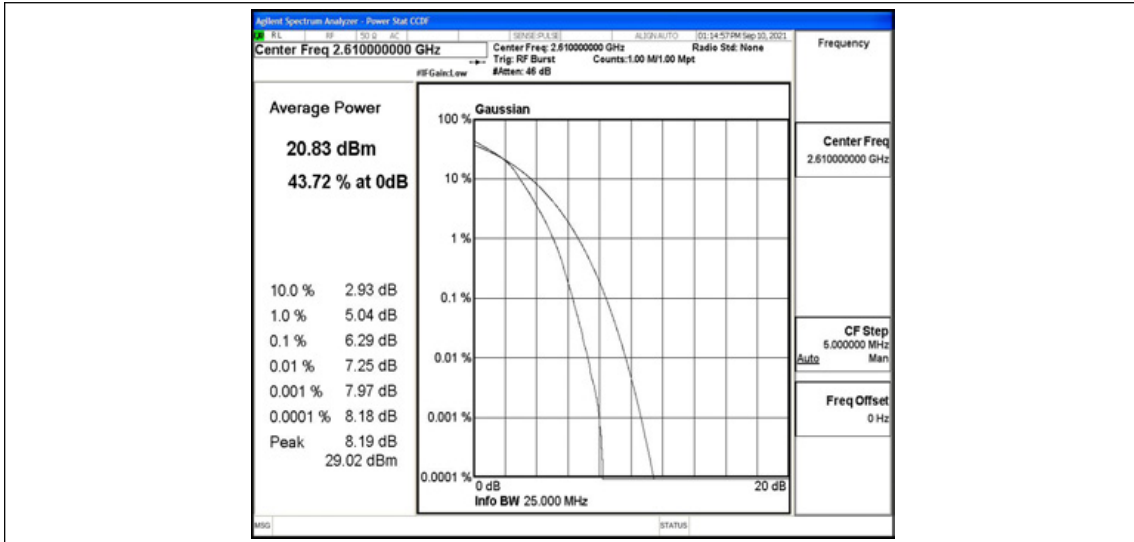
Band38-20MHz-16QAM-38000-100RB#0



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



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





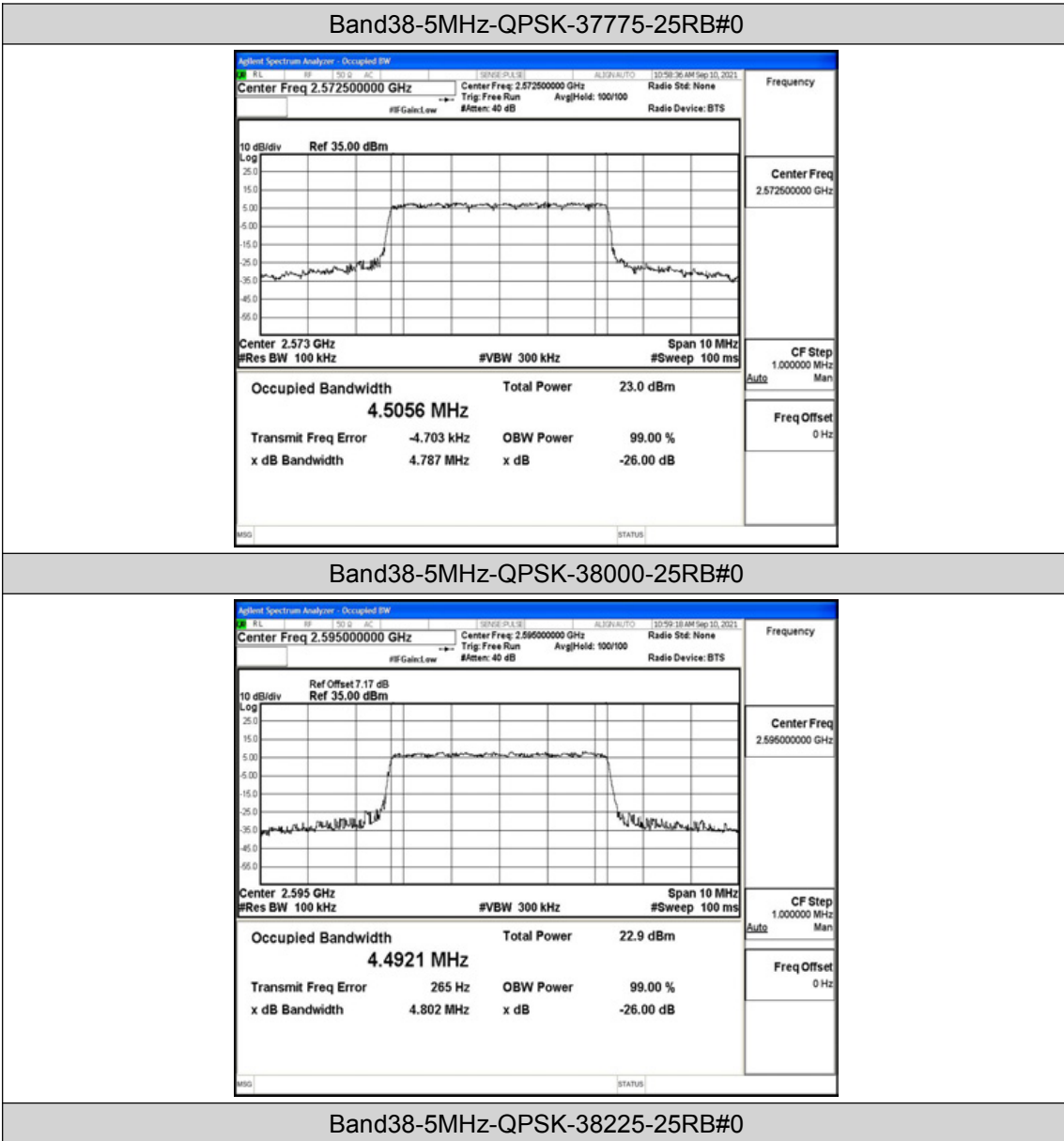
N.3 26dB Bandwidth and Occupied Bandwidth

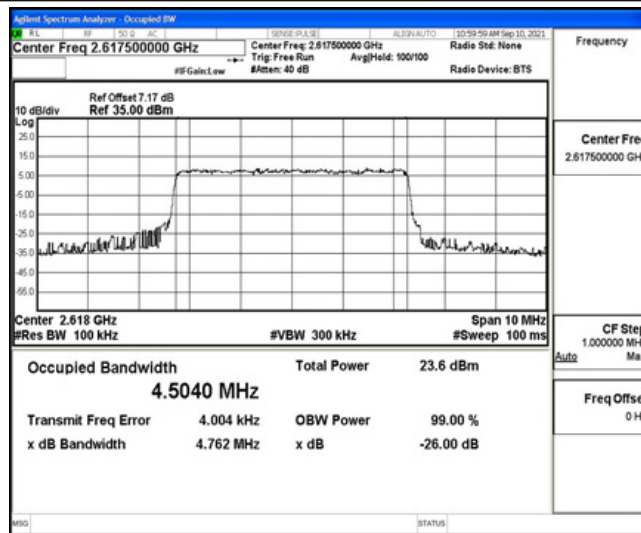
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5056	4.787	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.4921	4.802	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5040	4.762	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4934	4.801	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4929	4.788	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4938	4.769	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9900	9.481	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9806	9.528	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9710	9.483	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9920	9.450	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9771	9.507	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9793	9.499	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.446	14.25	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.477	14.21	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.497	14.22	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.469	14.22	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.327	14.22	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.466	14.22	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.931	18.92	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.903	18.90	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.944	18.93	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.961	18.94	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.959	18.78	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.948	18.94	PASS

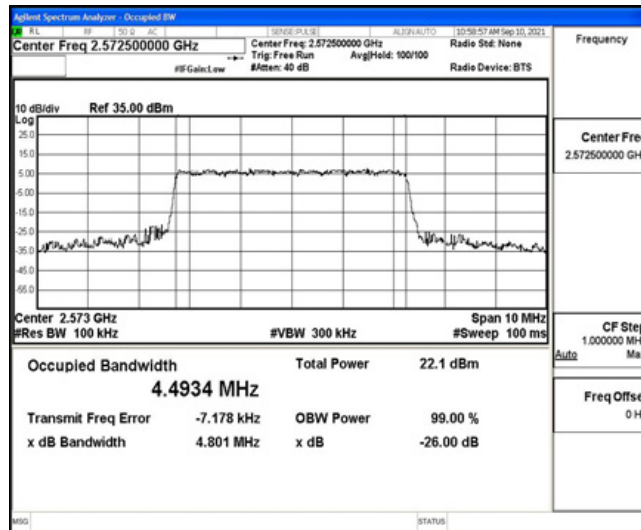


Test Graphs

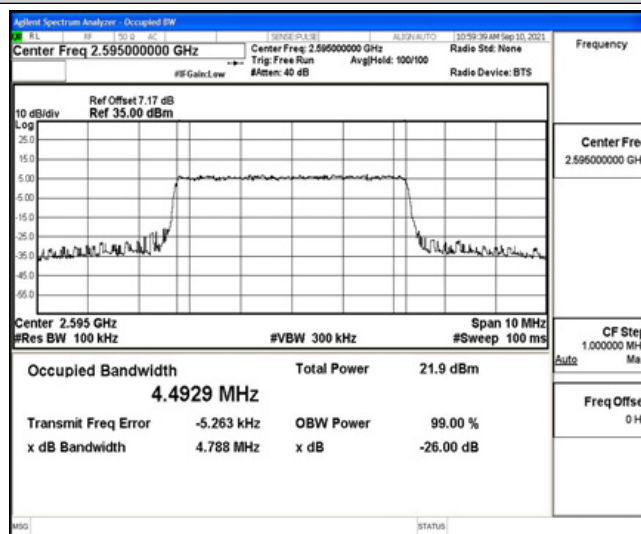




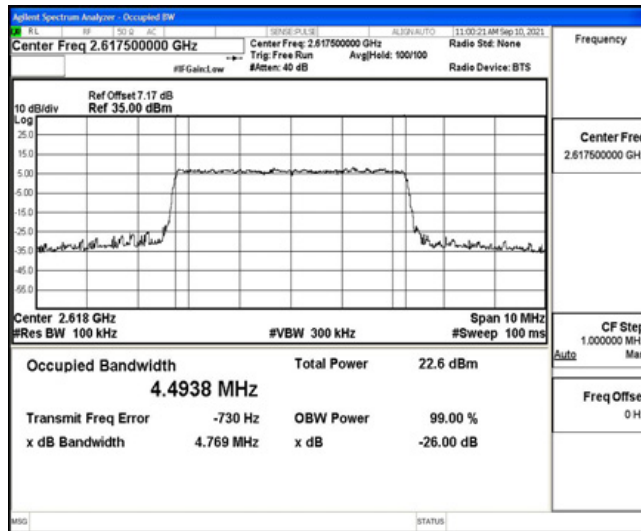
Band38-5MHz-16QAM-37775-25RB#0



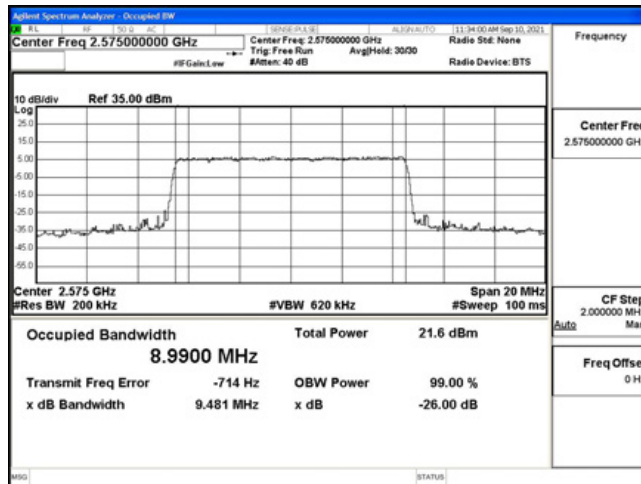
Band38-5MHz-16QAM-38000-25RB#0



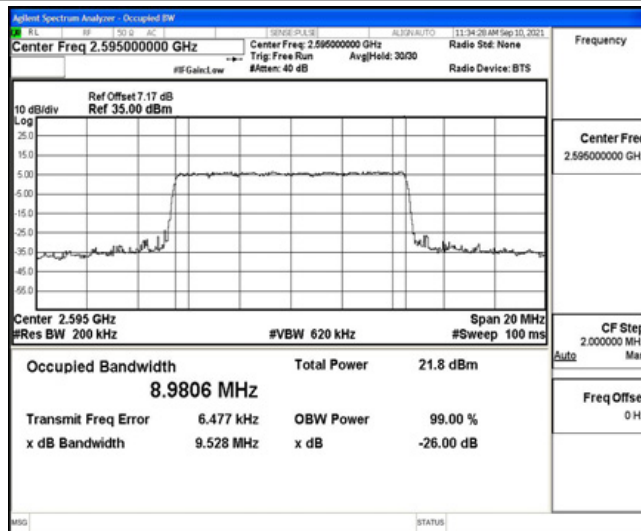
Band38-5MHz-16QAM-38225-25RB#0



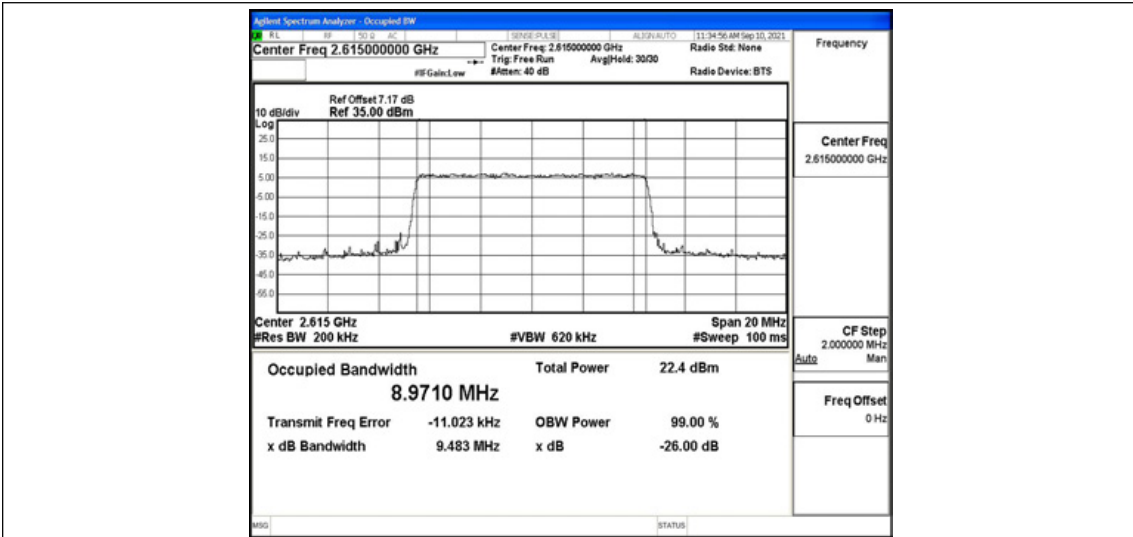
Band38-10MHz-QPSK-37800-50RB#0



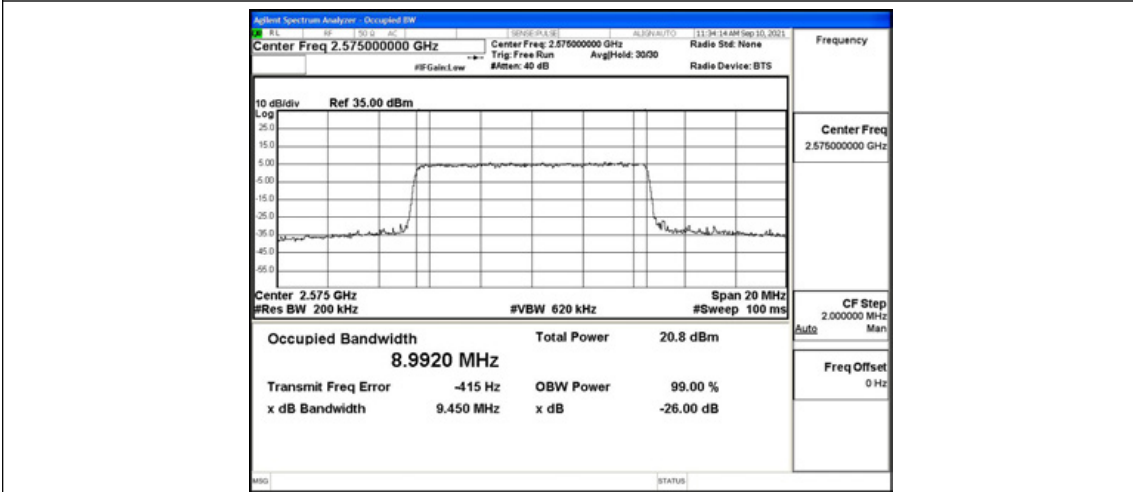
Band38-10MHz-QPSK-38000-50RB#0



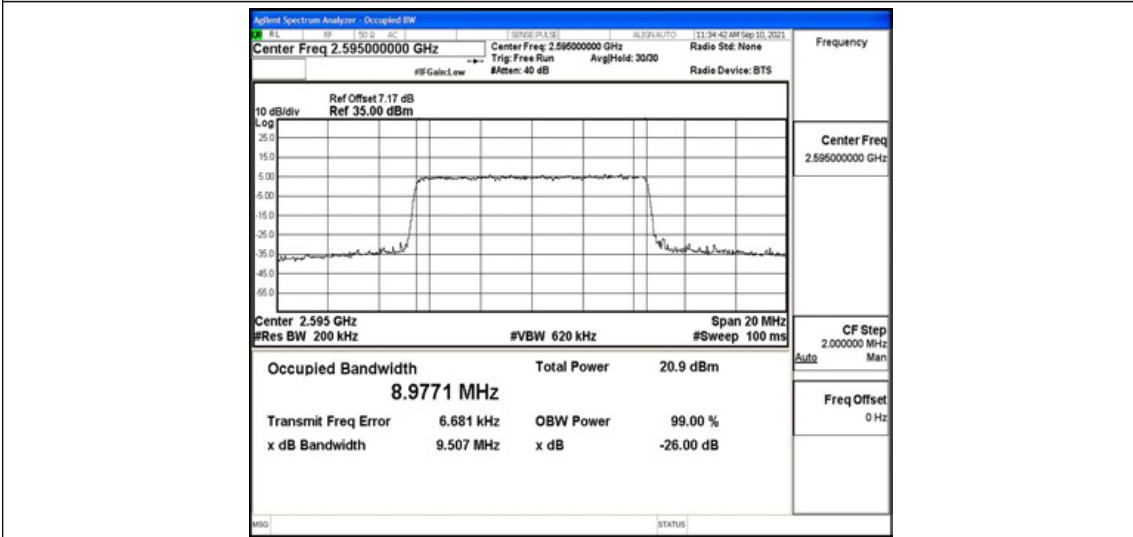
Band38-10MHz-QPSK-38200-50RB#0



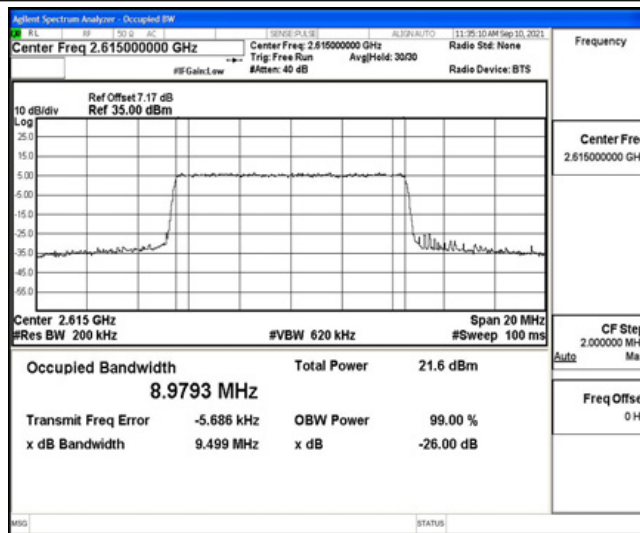
Band38-10MHz-16QAM-37800-50RB#0



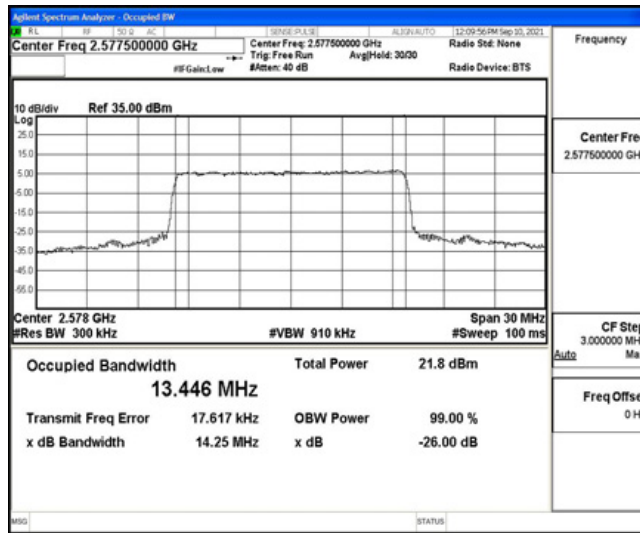
Band38-10MHz-16QAM-38000-50RB#0



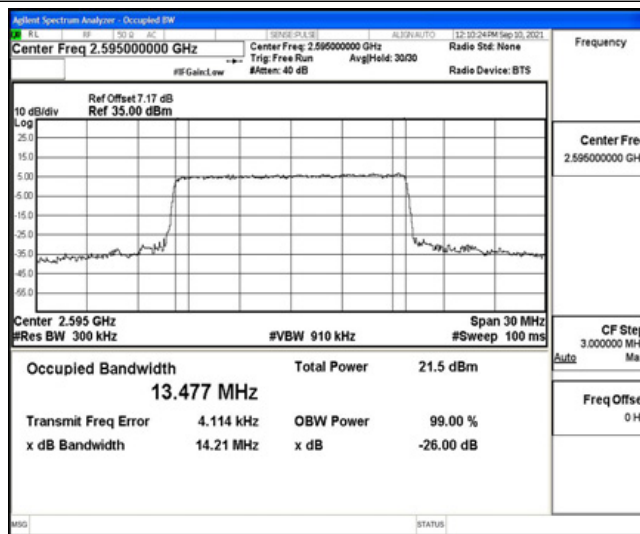
Band38-10MHz-16QAM-38200-50RB#0



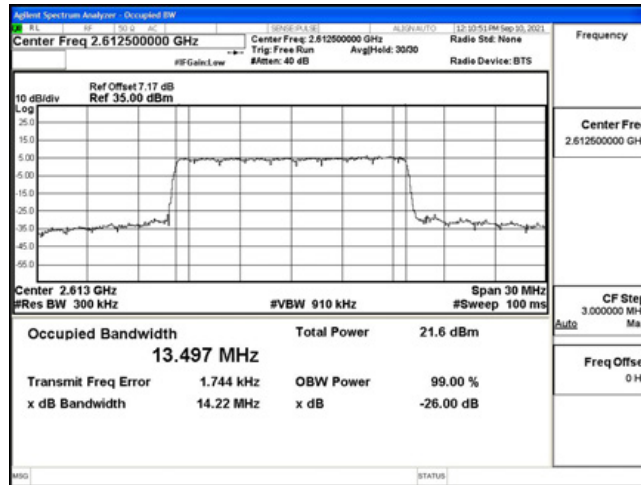
Band38-15MHz-QPSK-37825-75RB#0



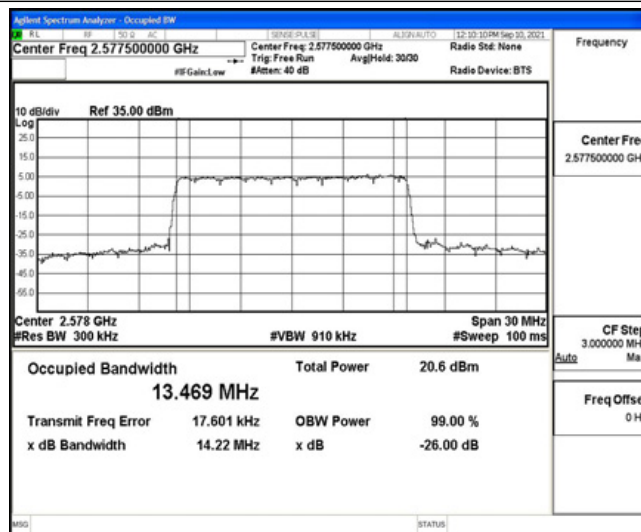
Band38-15MHz-QPSK-38000-75RB#0



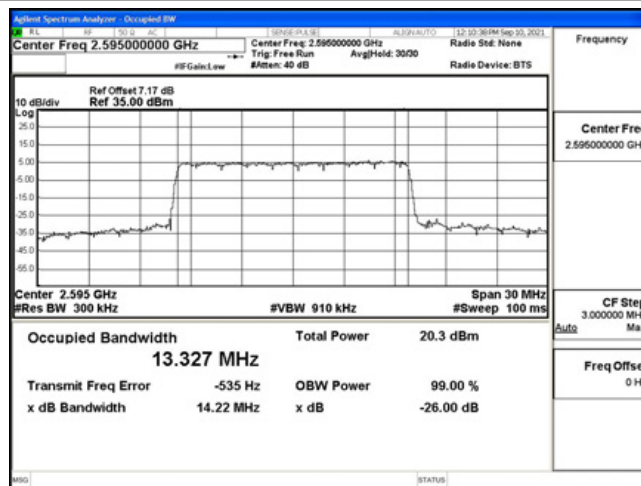
Band38-15MHz-QPSK-38175-75RB#0



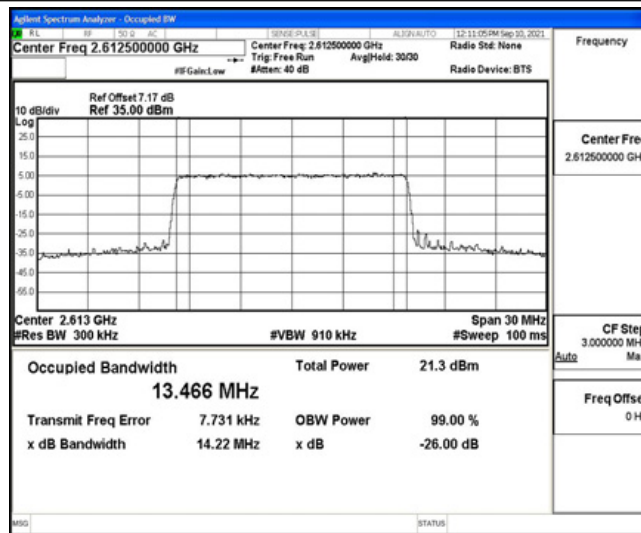
Band38-15MHz-16QAM-37825-75RB#0



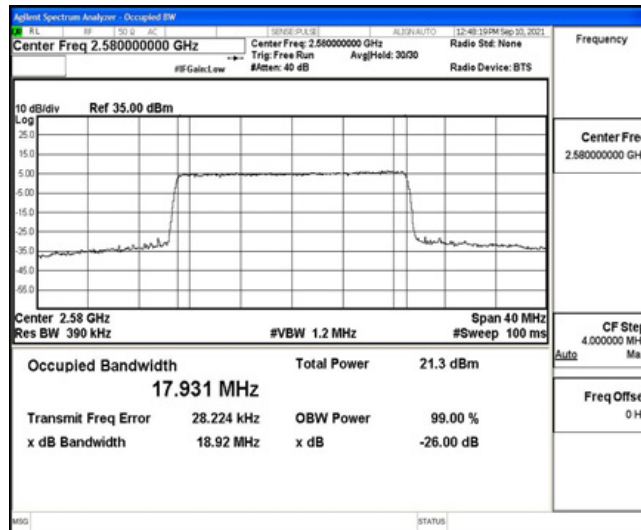
Band38-15MHz-16QAM-38000-75RB#0



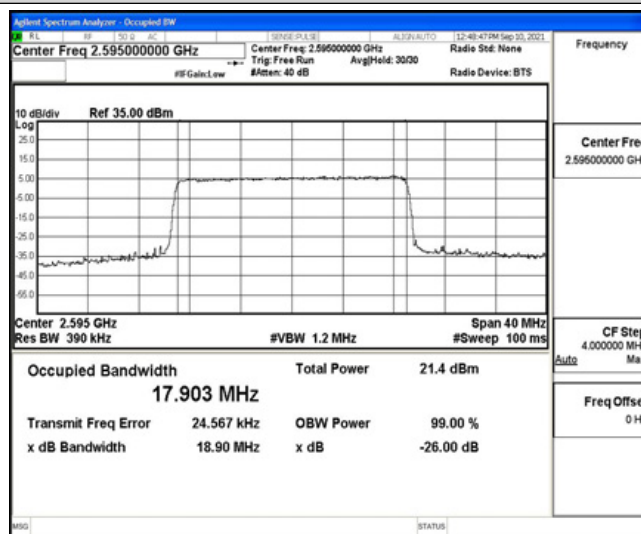
Band38-15MHz-16QAM-38175-75RB#0



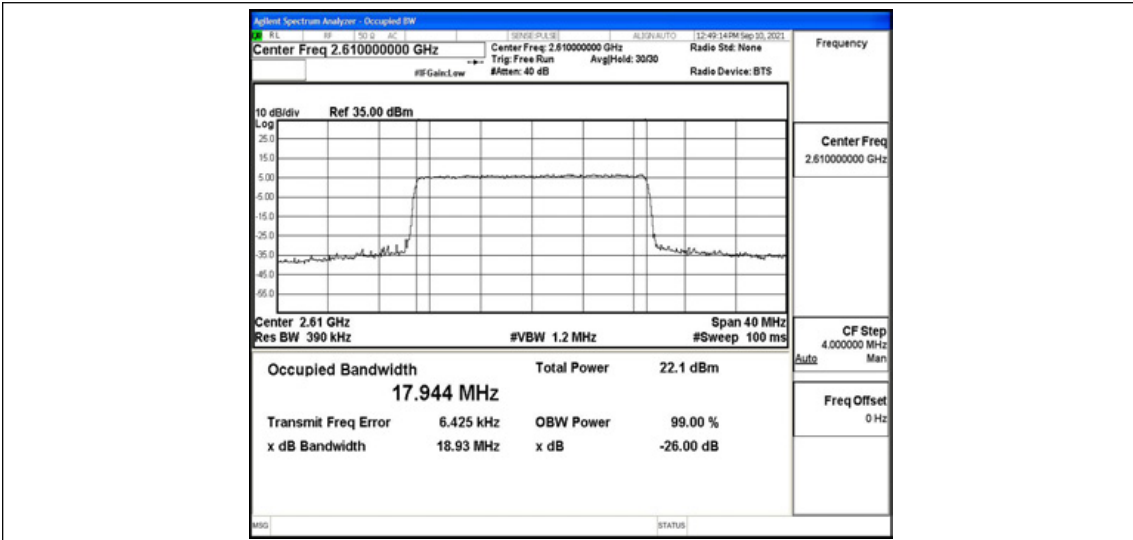
Band38-20MHz-QPSK-37850-100RB#0



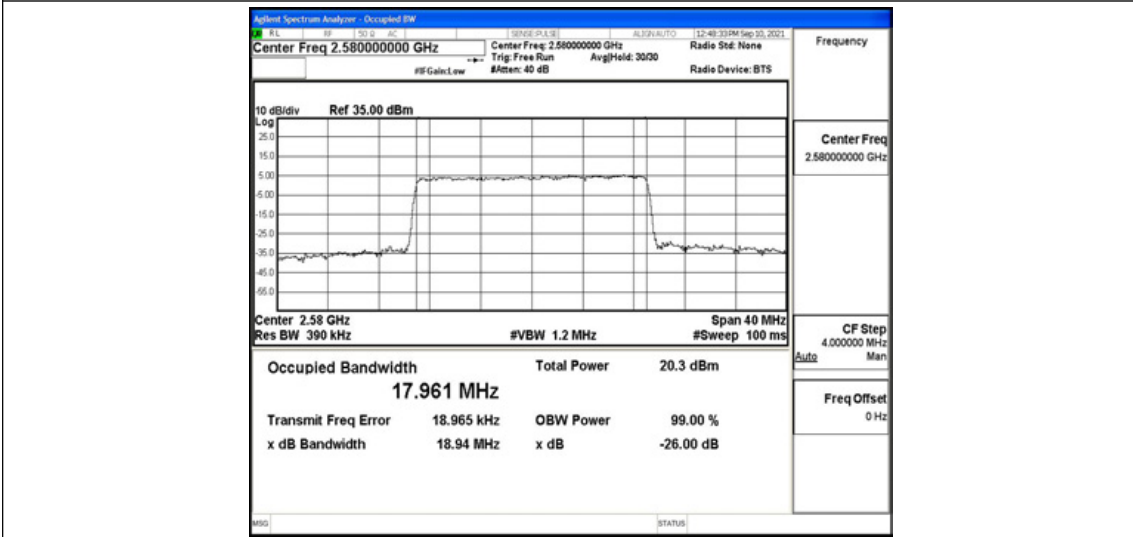
Band38-20MHz-QPSK-38000-100RB#0



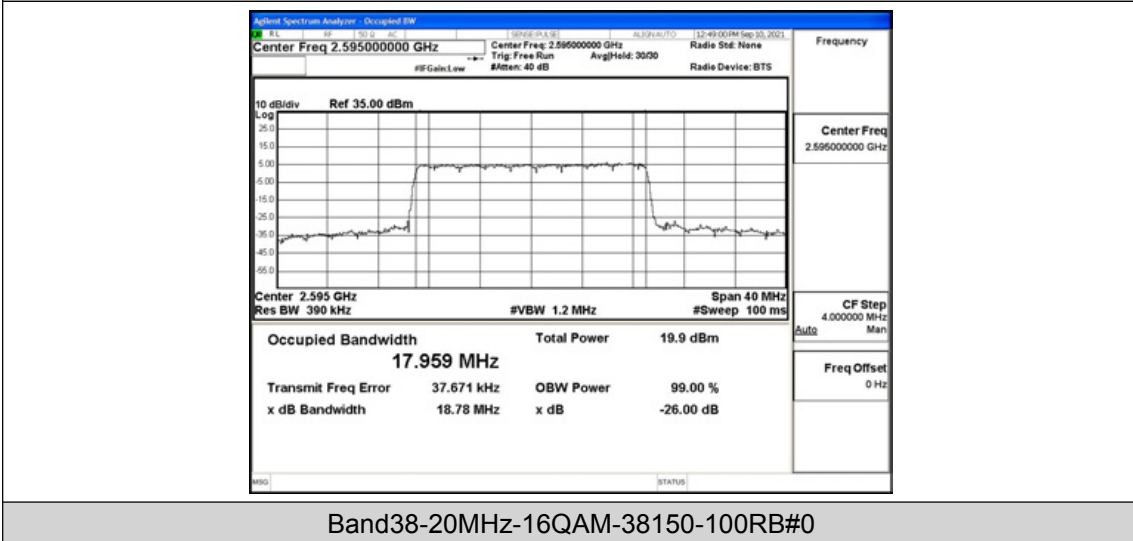
Band38-20MHz-QPSK-38150-100RB#0



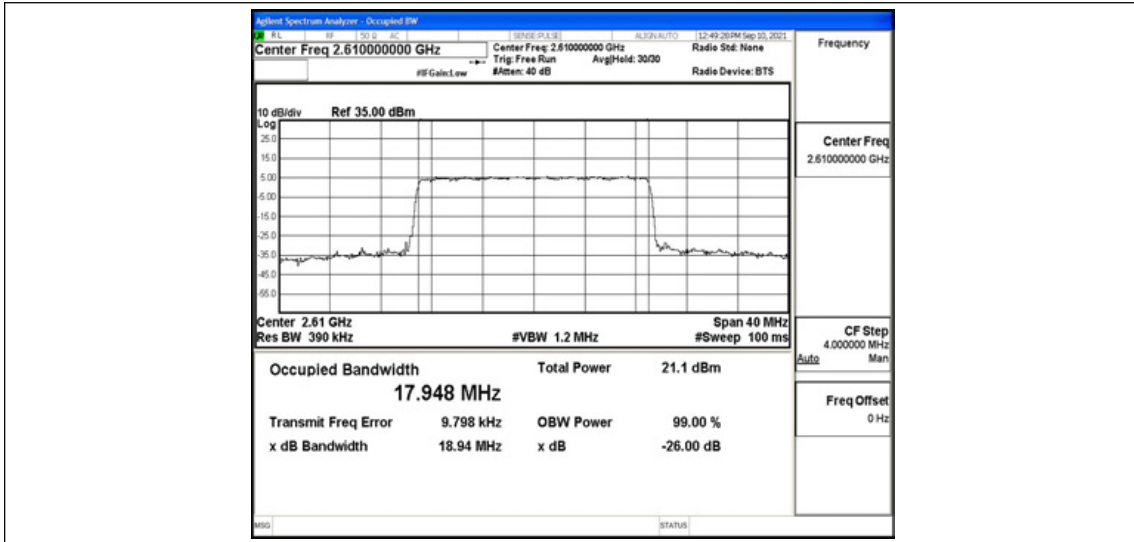
Band38-20MHz-16QAM-37850-100RB#0



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



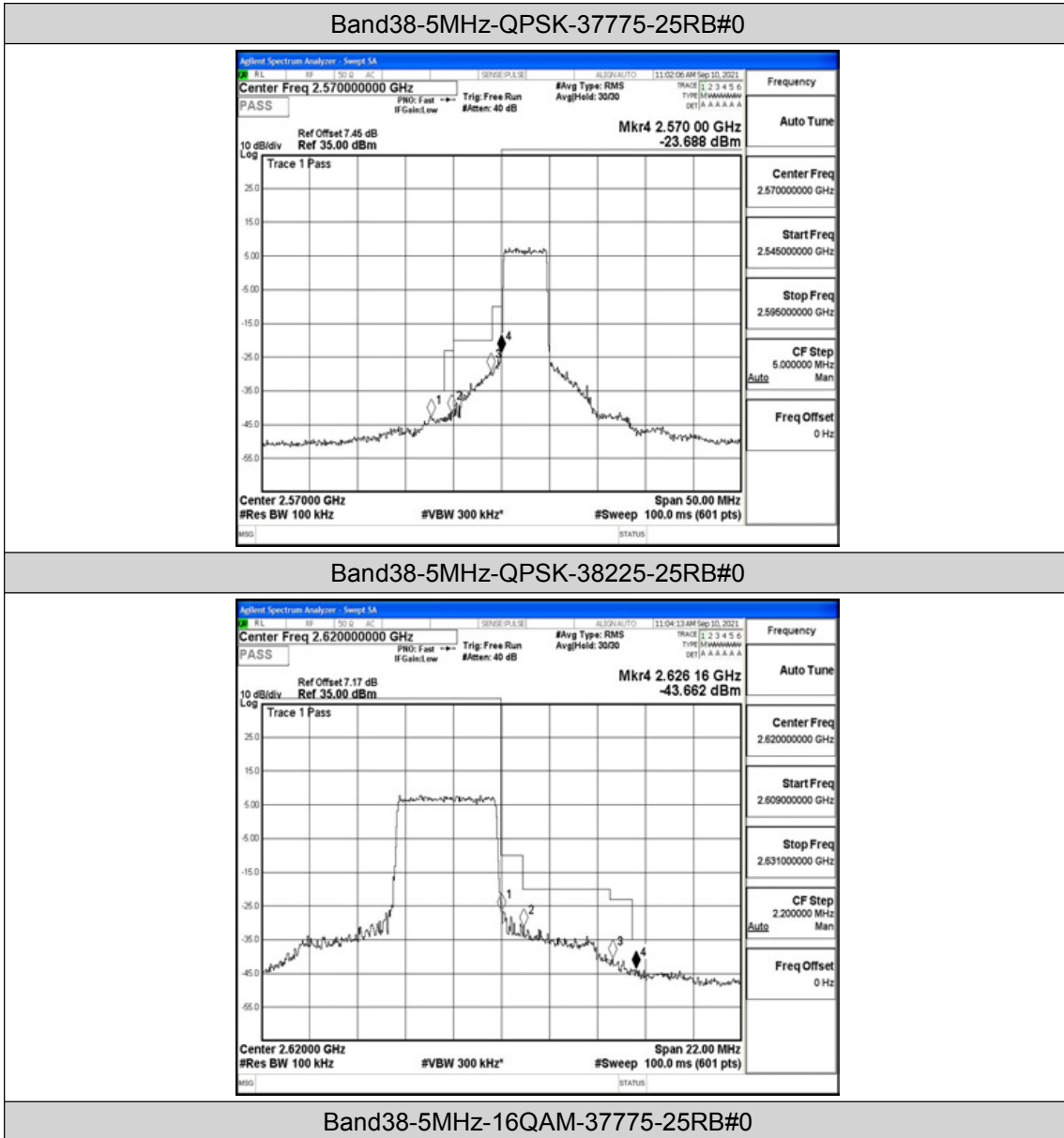
Band38-20MHz-16QAM-38150-100RB#0





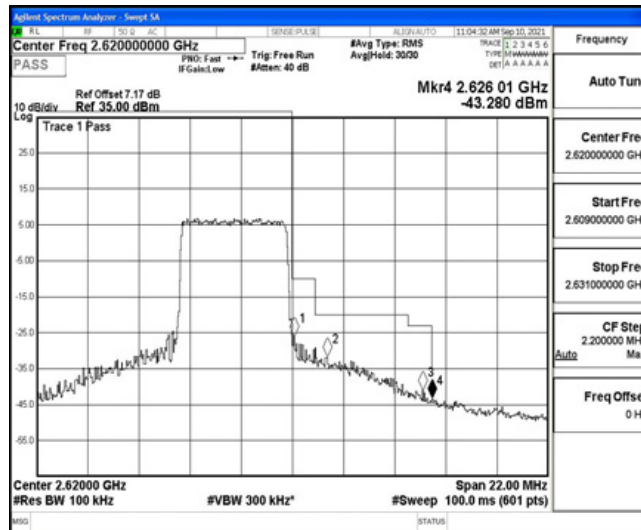
N.4 Band Edge

Test Result

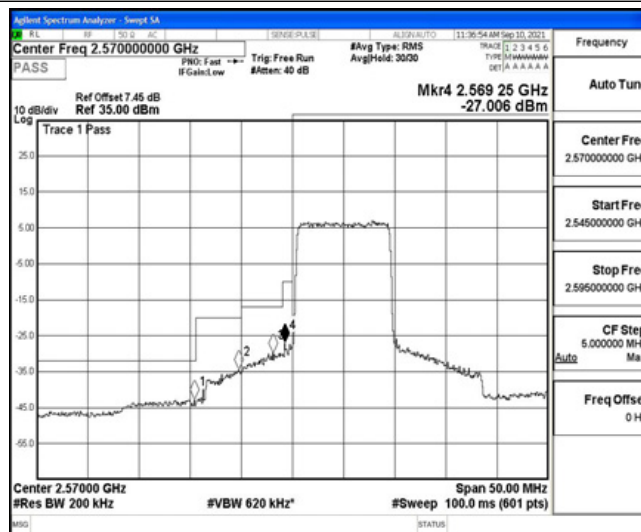




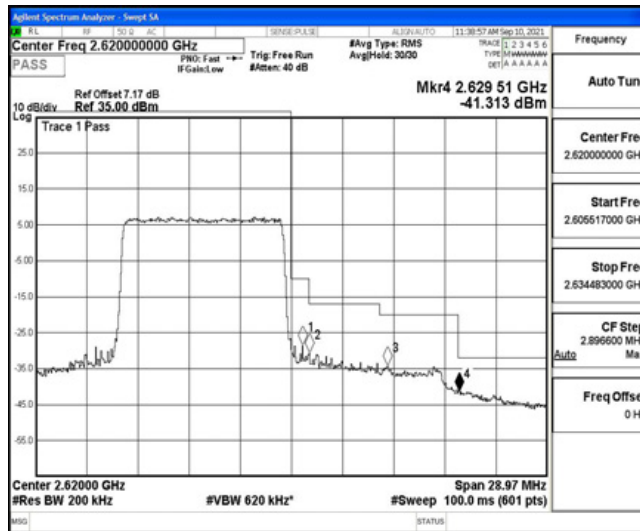
Band38-5MHz-16QAM-38225-25RB#0



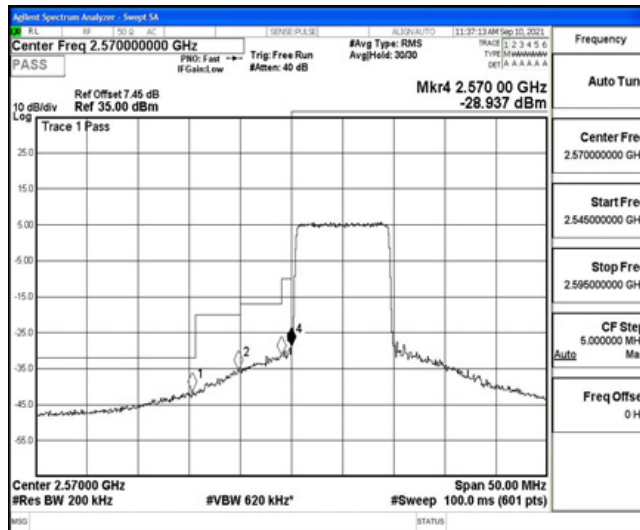
Band38-10MHz-QPSK-37800-50RB#0



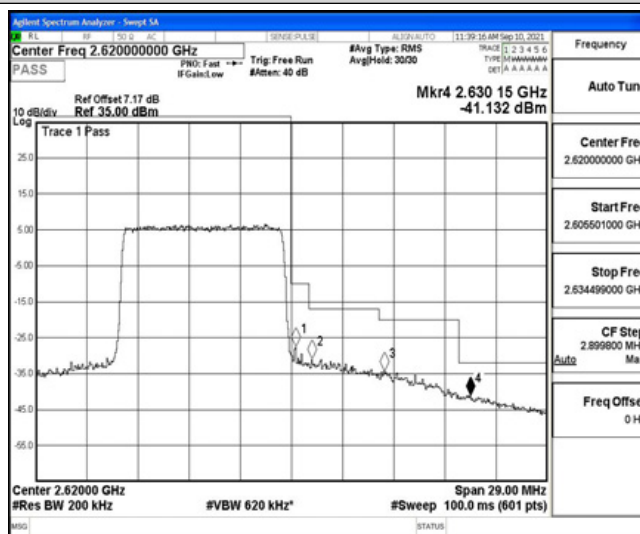
Band38-10MHz-QPSK-38200-50RB#0



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



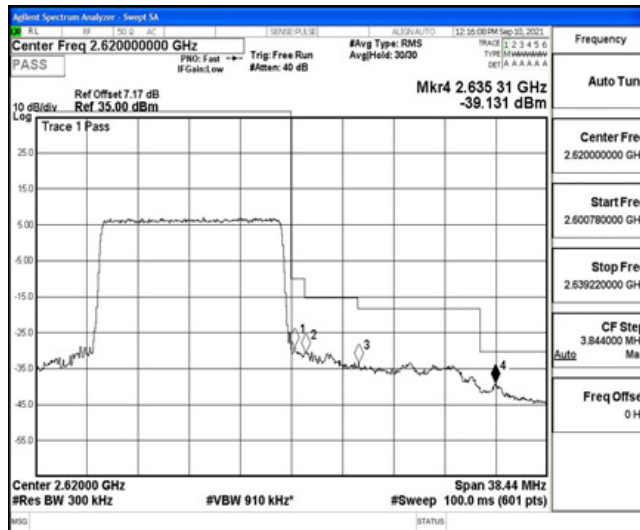
Band38-10MHz-16QAM-38200-50RB#0



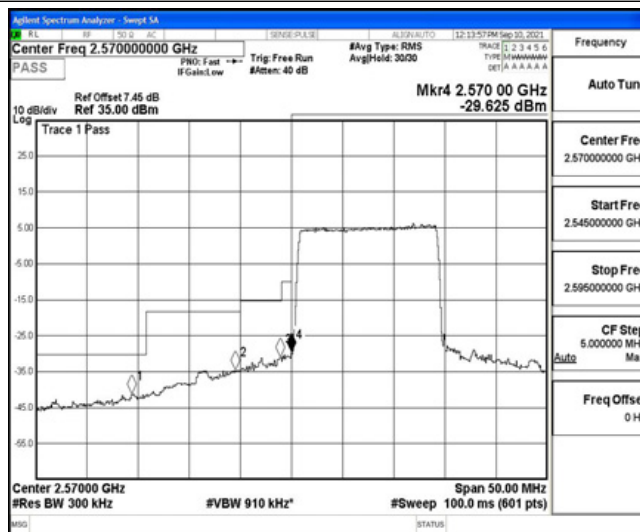
Band38-15MHz-QPSK-37825-75RB#0



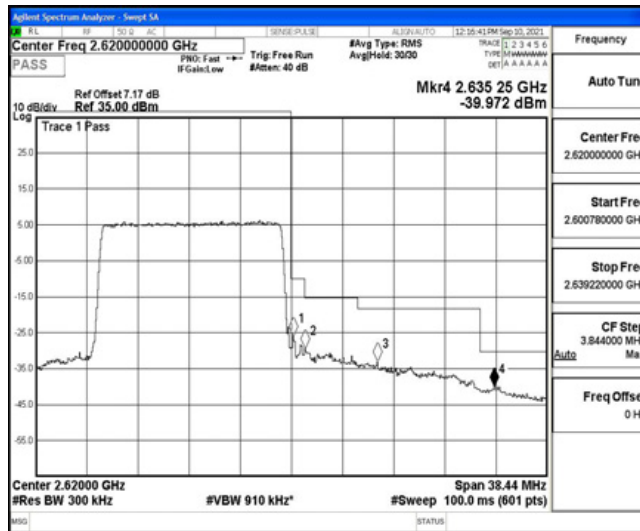
Band38-15MHz-QPSK-38175-75RB#0



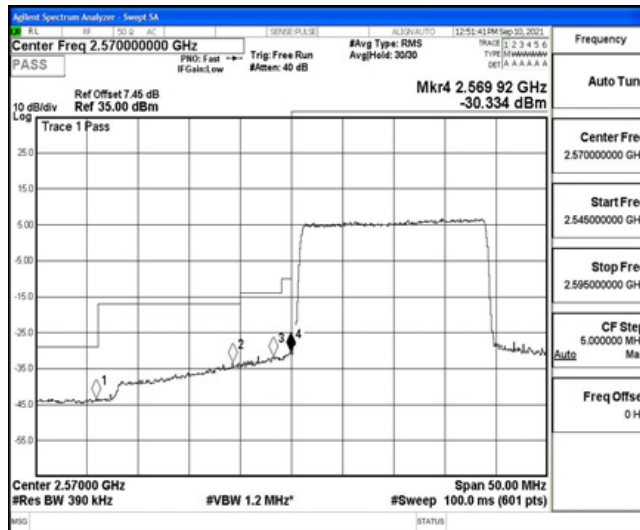
Band38-15MHz-16QAM-37825-75RB#0



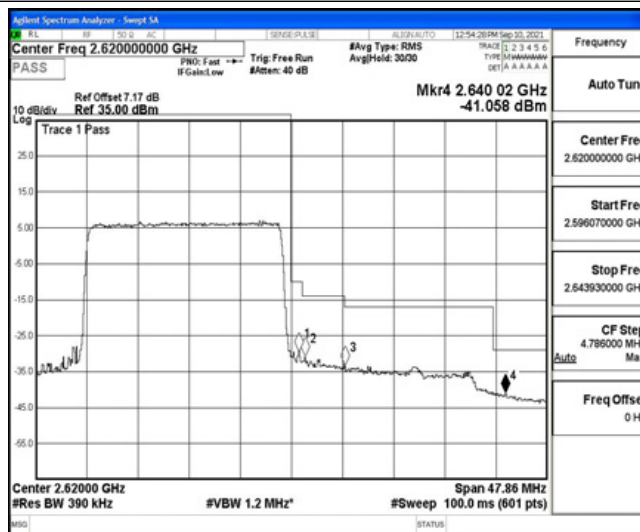
Band38-15MHz-16QAM-38175-75RB#0



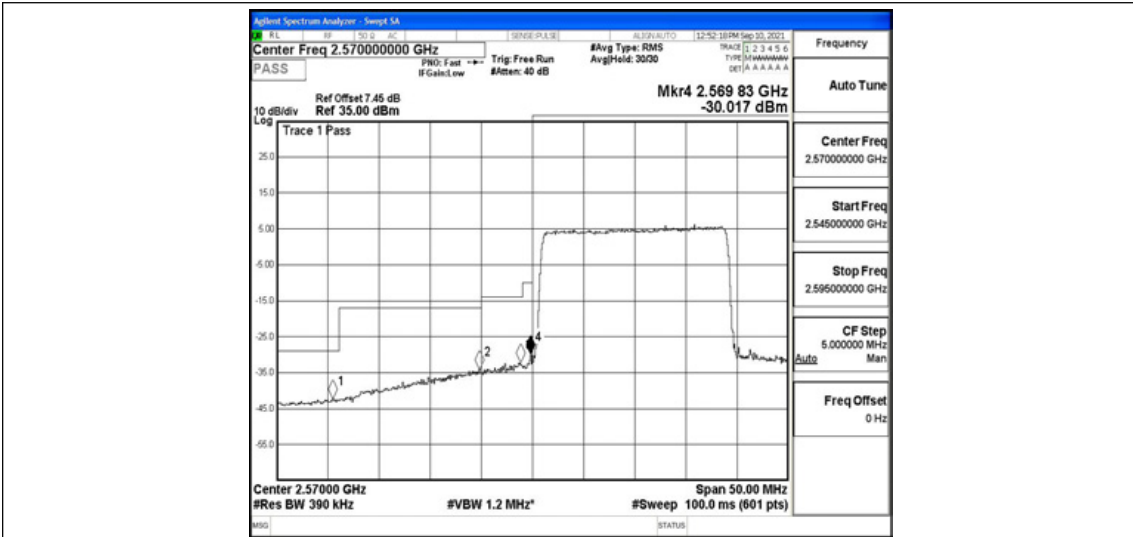
Band38-20MHz-QPSK-37850-100RB#0



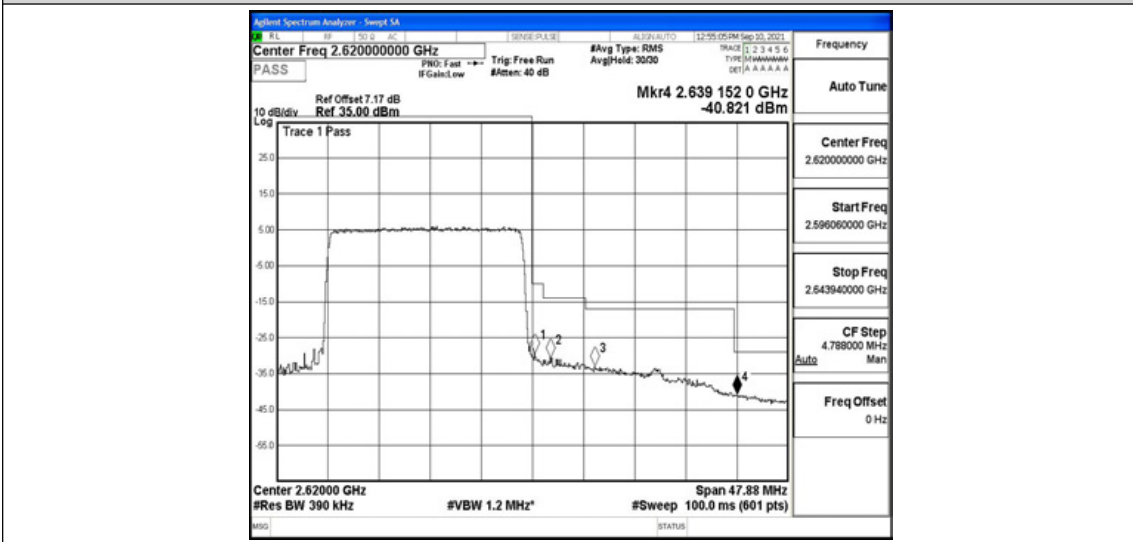
Band38-20MHz-QPSK-38150-100RB#0



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



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





N.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	Range1:0.009~0.15MHz	-65.05	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range2:0.15~30MHz	-51.63	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range3:30~1000MHz	-41.97	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range4:1000~10000MHz	-45.49	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range5:10000~20000MHz	-49.75	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range6:20000~26500MHz	-37.74	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-67.18	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-51.37	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-42.71	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-45.51	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.75	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-37.63	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range1:0.009~0.15MHz	-66.49	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range2:0.15~30MHz	-52.94	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range3:30~1000MHz	-42.18	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range4:1000~10000MHz	-45.45	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range5:10000~20000MHz	-49.75	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range6:20000~26500MHz	-37.62	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range1:0.009~0.15MHz	-63.88	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range2:0.15~30MHz	-51.56	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range3:30~1000MHz	-41.48	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range4:1000~10000MHz	-45.51	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range5:10000~20000MHz	-49.87	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range6:20000~26500MHz	-37.6	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-66.23	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-52.72	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-42.13	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-45.56	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.76	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-37.49	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range1:0.009~0.15MHz	-66.16	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range2:0.15~30MHz	-52.09	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range3:30~1000MHz	-42.63	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range4:1000~10000MHz	-45.48	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range5:10000~20000MHz	-49.82	PASS



Band38	5MHz	16QAM	38225	1RB#0	Range6:20000~26500MHz	-37.52	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range1:0.009~0.15MHz	-65	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range2:0.15~30MHz	-53.48	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range3:30~1000MHz	-42.93	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range4:1000~10000MHz	-45.38	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range5:10000~20000MHz	-49.81	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range6:20000~26500MHz	-37.72	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-64.38	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-49.4	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-42.84	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-45.5	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.8	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-37.65	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range1:0.009~0.15MHz	-65.32	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range2:0.15~30MHz	-51.48	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range3:30~1000MHz	-43.31	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range4:1000~10000MHz	-45.5	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range5:10000~20000MHz	-49.81	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range6:20000~26500MHz	-37.67	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range1:0.009~0.15MHz	-67	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range2:0.15~30MHz	-52.89	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range3:30~1000MHz	-42.99	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range4:1000~10000MHz	-45.56	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range5:10000~20000MHz	-49.93	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range6:20000~26500MHz	-37.61	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-66.79	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-50.8	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-43.65	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-45.36	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.78	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-37.59	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range1:0.009~0.15MHz	-66.33	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range2:0.15~30MHz	-53	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range3:30~1000MHz	-42.4	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range4:1000~10000MHz	-45.28	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range5:10000~20000MHz	-49.63	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range6:20000~26500MHz	-37.53	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range1:0.009~0.15MHz	-65.73	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range2:0.15~30MHz	-52.33	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range3:30~1000MHz	-42.89	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range4:1000~10000MHz	-45.47	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range5:10000~20000MHz	-49.67	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range6:20000~26500MHz	-37.36	PASS

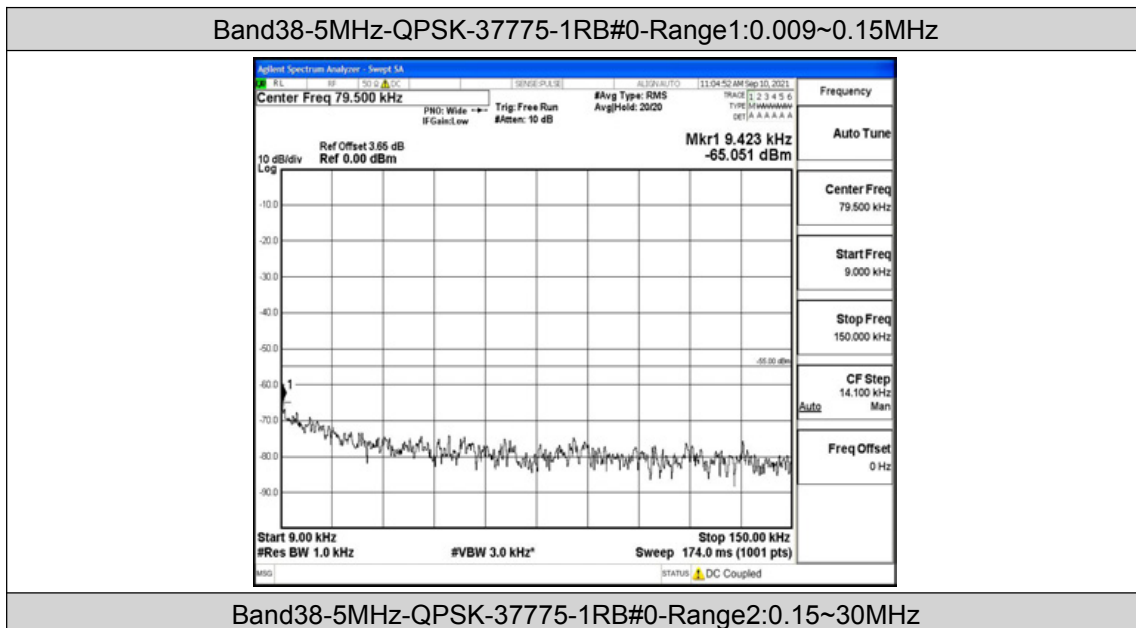


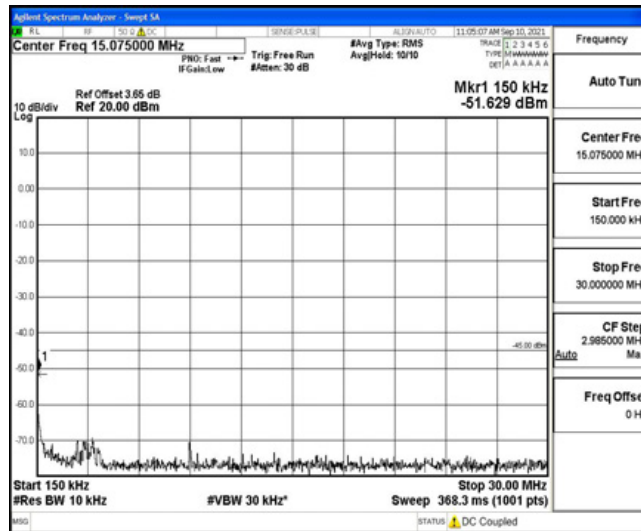
Band38	15MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-64.72	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-51.54	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-43.2	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-45.48	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.66	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-37.44	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range1:0.009~0.15MHz	-67.17	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range2:0.15~30MHz	-52.14	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range3:30~1000MHz	-41.5	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range4:1000~10000MHz	-45.54	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range5:10000~20000MHz	-49.66	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range6:20000~26500MHz	-37.43	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range1:0.009~0.15MHz	-65.53	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range2:0.15~30MHz	-52.2	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range3:30~1000MHz	-44.13	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range4:1000~10000MHz	-45.46	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range5:10000~20000MHz	-49.65	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range6:20000~26500MHz	-37.42	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-65.32	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-49.83	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-42.66	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-45.36	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.69	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-37.22	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range1:0.009~0.15MHz	-64.01	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range2:0.15~30MHz	-52.12	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range3:30~1000MHz	-41.84	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range4:1000~10000MHz	-45.18	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range5:10000~20000MHz	-49.47	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range6:20000~26500MHz	-37.32	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range1:0.009~0.15MHz	-66.94	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range2:0.15~30MHz	-52.98	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range3:30~1000MHz	-42.61	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range4:1000~10000MHz	-45.3	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range5:10000~20000MHz	-49.62	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range6:20000~26500MHz	-37.47	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-62.93	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-51.58	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-43.56	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-45.46	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.55	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-37.29	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range1:0.009~0.15MHz	-66.5	PASS



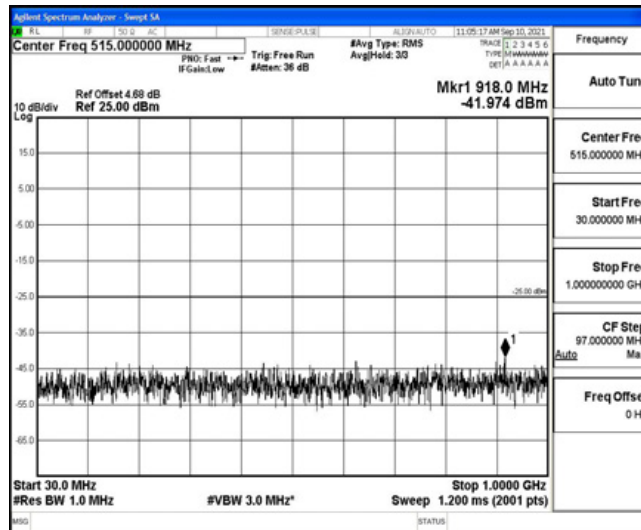
Band38	20MHz	QPSK	38150	1RB#0	Range2:0.15~30MHz	-51.22	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range3:30~1000MHz	-43.56	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range4:1000~10000MHz	-45.32	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range5:10000~20000MHz	-49.66	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range6:20000~26500MHz	-37.15	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range1:0.009~0.15MHz	-64.47	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range2:0.15~30MHz	-53.14	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range3:30~1000MHz	-43.25	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range4:1000~10000MHz	-45.59	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range5:10000~20000MHz	-49.63	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range6:20000~26500MHz	-37.38	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-65.62	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-51.62	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-42.43	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-45.18	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.51	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-37.34	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range1:0.009~0.15MHz	-65.68	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range2:0.15~30MHz	-52.03	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range3:30~1000MHz	-42.37	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range4:1000~10000MHz	-45.45	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range5:10000~20000MHz	-49.49	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range6:20000~26500MHz	-37.39	PASS

Test Graphs

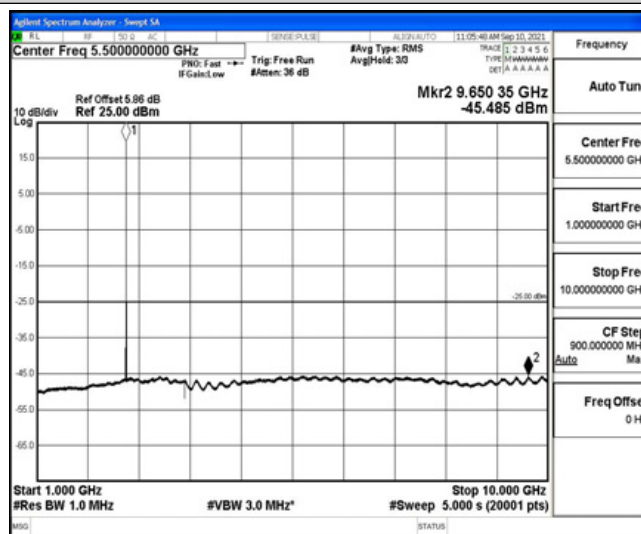




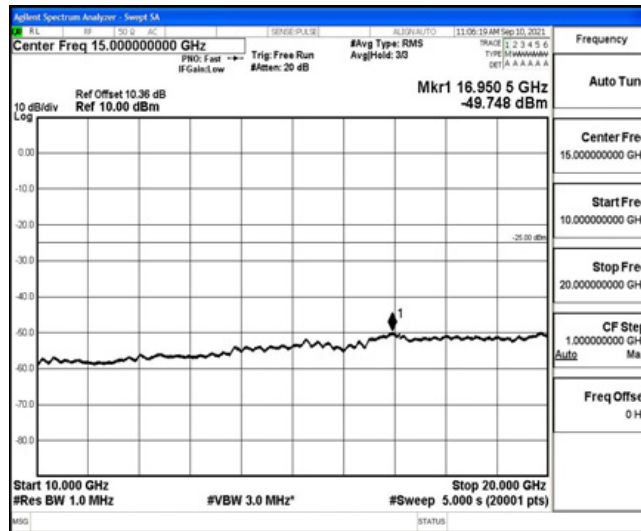
Band38-5MHz-QPSK-37775-1RB#0-Range3:30~1000MHz



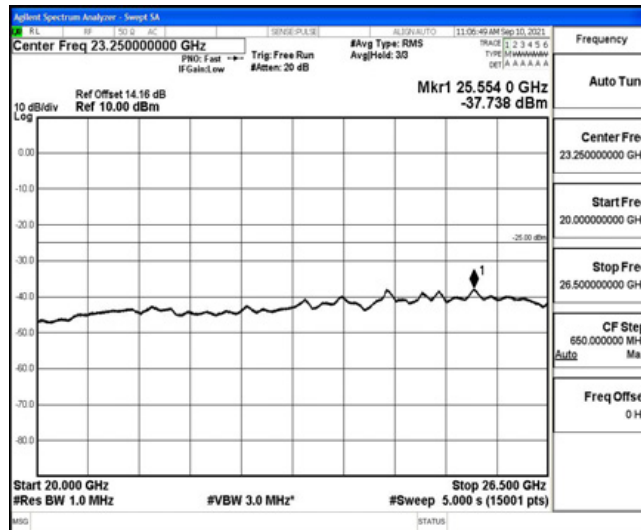
Band38-5MHz-QPSK-37775-1RB#0-Range4:1000~10000MHz



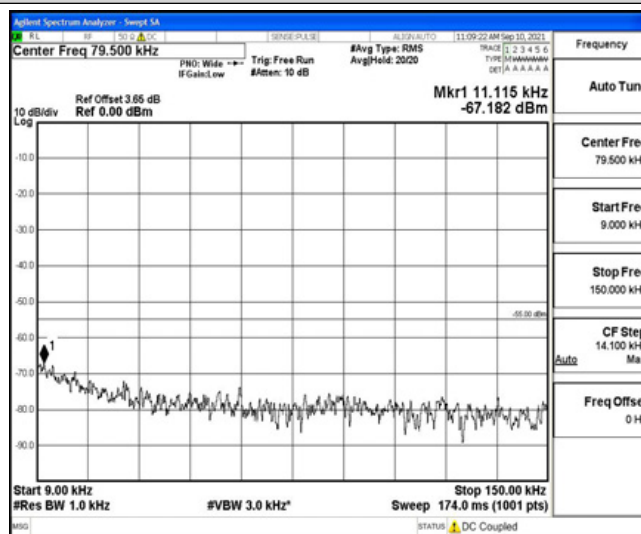
Band38-5MHz-QPSK-37775-1RB#0-Range5:10000~20000MHz



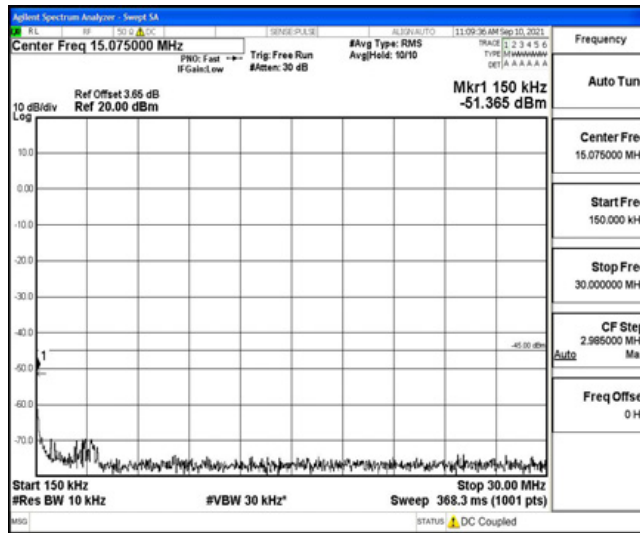
Band38-5MHz-QPSK-37775-1RB#0-Range6:20000~26500MHz



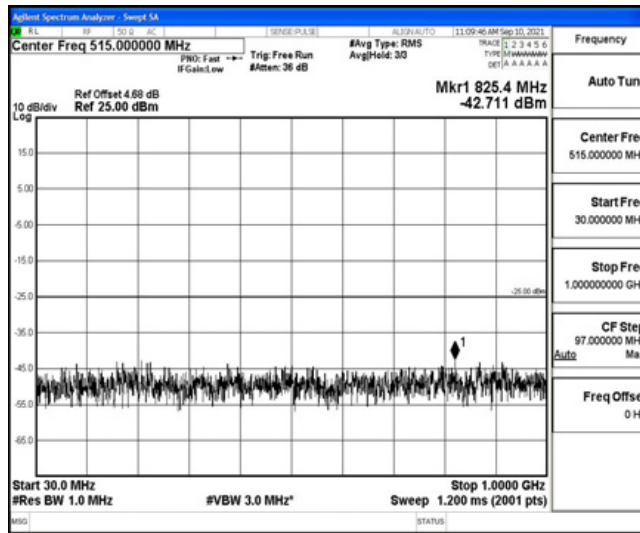
Band38-5MHz-QPSK-38000-1RB#0-Range1:0.009~0.15MHz



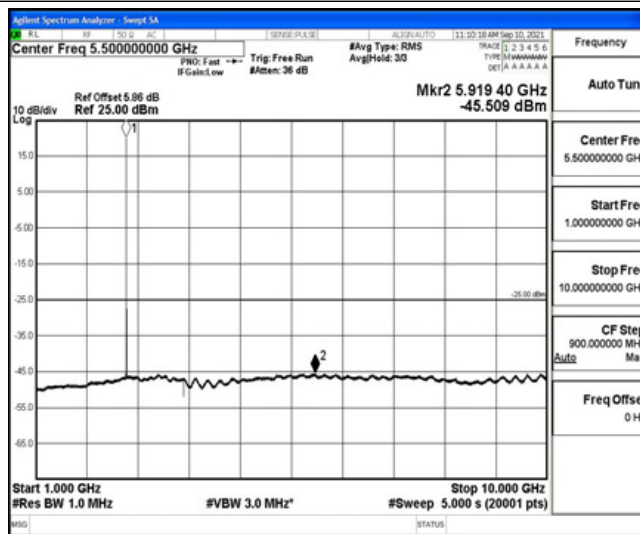
Band38-5MHz-QPSK-38000-1RB#0-Range2:0.15~30MHz



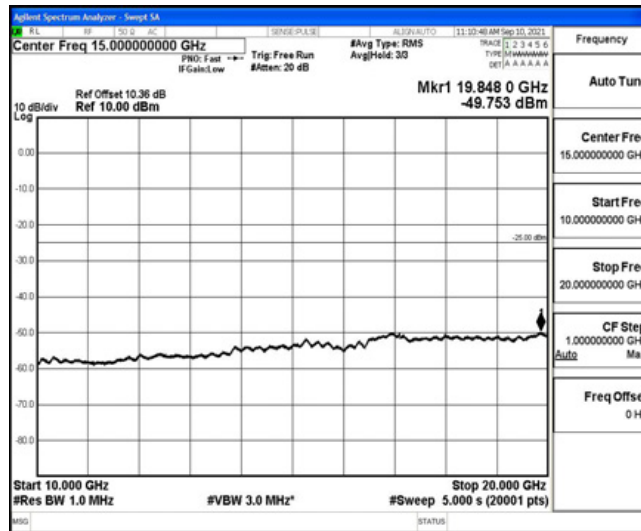
Band38-5MHz-QPSK-38000-1RB#0-Range3:30~1000MHz



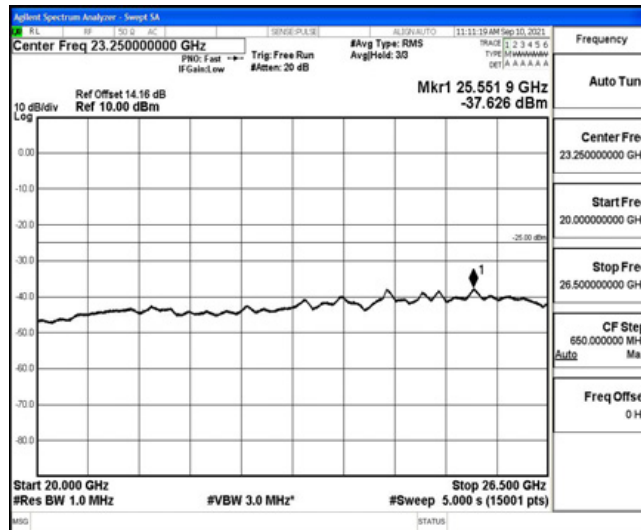
Band38-5MHz-QPSK-38000-1RB#0-Range4:1000~10000MHz



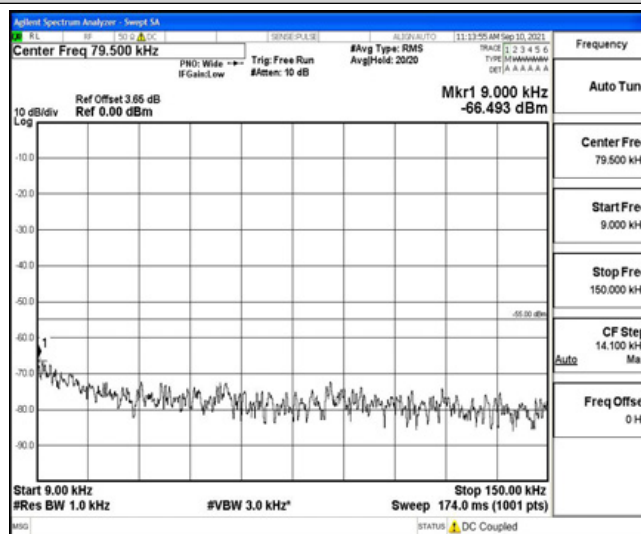
Band38-5MHz-QPSK-38000-1RB#0-Range5:10000~20000MHz



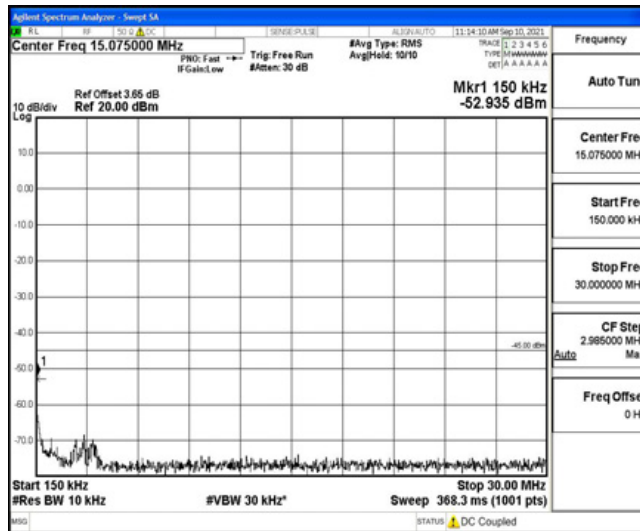
Band38-5MHz-QPSK-38000-1RB#0-Range6:20000~26500MHz



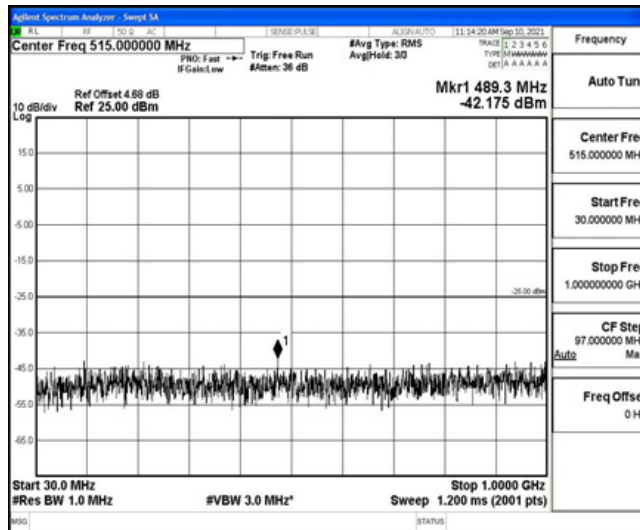
Band38-5MHz-QPSK-38225-1RB#0-Range1:0.009~0.15MHz



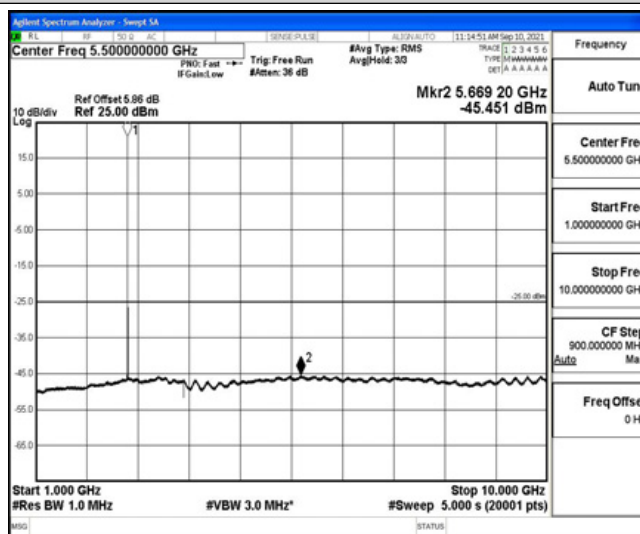
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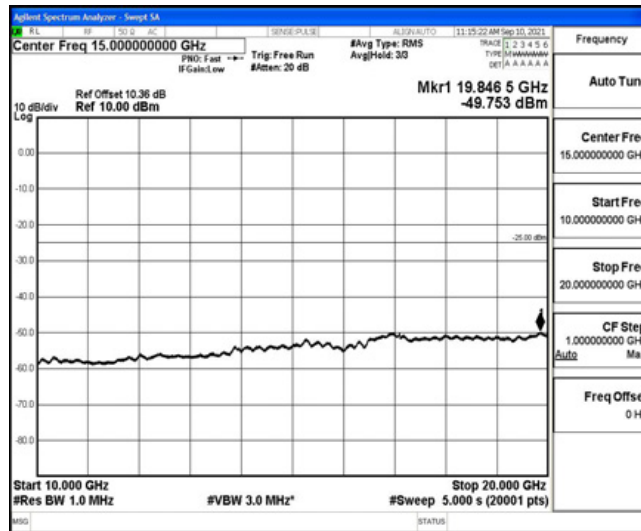
Band38-5MHz-QPSK-38225-1RB#0-Range3:30~1000MHz



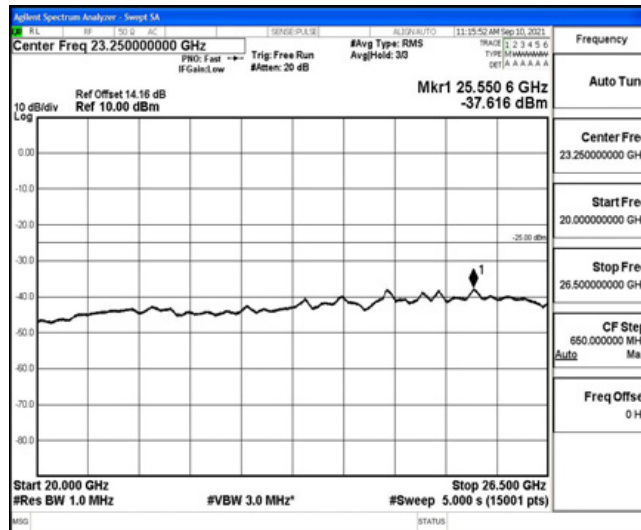
Band38-5MHz-QPSK-38225-1RB#0-Range4:1000~10000MHz



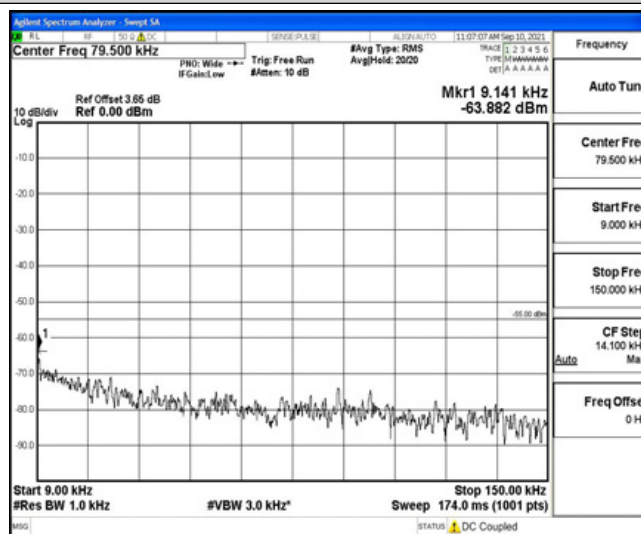
Band38-5MHz-QPSK-38225-1RB#0-Range5:10000~20000MHz



Band38-5MHz-QPSK-38225-1RB#0-Range6:20000~26500MHz



Band38-5MHz-16QAM-37775-1RB#0-Range1:0.009~0.15MHz



Band38-5MHz-16QAM-37775-1RB#0-Range2:0.15~30MHz