

Appendix for Band 38

Report No.: BCTC2308365526-4E

Applicant: HongKong Umedia Limited

Product Name: Smart watch

Model/Type
Reference: S4

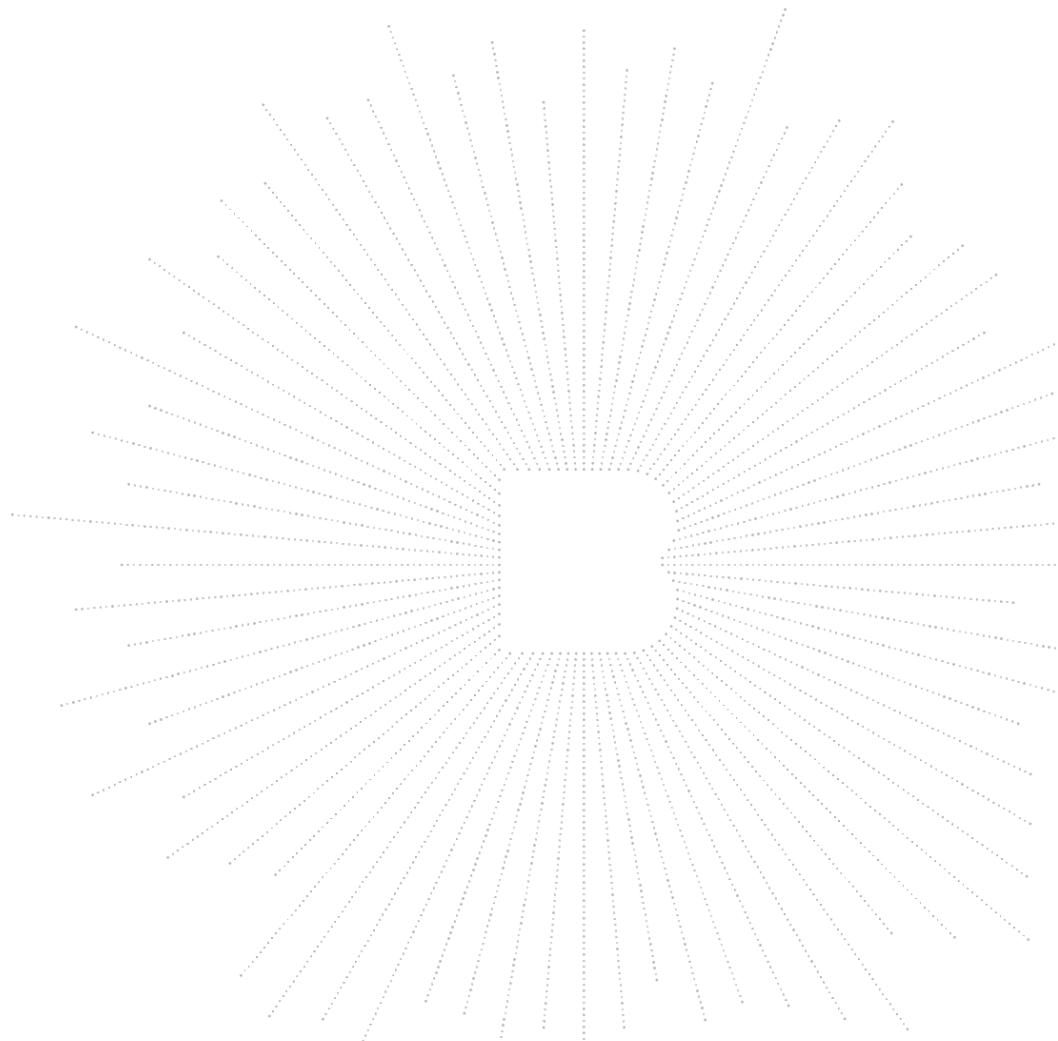
Tested Date: 2023-08-28 to 2023-11-18

Shenzhen BCTC Testing Co., Ltd.



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Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band38	5	37775	1	#0	QPSK	19.95	PASS
Band38	5	37775	1	#Mid	QPSK	19.87	PASS
Band38	5	37775	1	#Max	QPSK	19.89	PASS
Band38	5	37775	12	#0	QPSK	18.94	PASS
Band38	5	37775	12	#Mid	QPSK	18.97	PASS
Band38	5	37775	12	#Max	QPSK	18.93	PASS
Band38	5	37775	25	#0	QPSK	18.88	PASS
Band38	5	37775	1	#0	16QAM	19.24	PASS
Band38	5	37775	1	#Mid	16QAM	19.28	PASS
Band38	5	37775	1	#Max	16QAM	19.26	PASS
Band38	5	37775	12	#0	16QAM	18.01	PASS
Band38	5	37775	12	#Mid	16QAM	17.99	PASS
Band38	5	37775	12	#Max	16QAM	18.01	PASS
Band38	5	37775	25	#0	16QAM	17.80	PASS
Band38	5	38000	1	#0	QPSK	20.25	PASS
Band38	5	38000	1	#Mid	QPSK	20.23	PASS
Band38	5	38000	1	#Max	QPSK	20.15	PASS
Band38	5	38000	12	#0	QPSK	19.25	PASS
Band38	5	38000	12	#Mid	QPSK	19.23	PASS
Band38	5	38000	12	#Max	QPSK	19.21	PASS
Band38	5	38000	25	#0	QPSK	19.17	PASS
Band38	5	38000	1	#0	16QAM	19.78	PASS
Band38	5	38000	1	#Mid	16QAM	19.73	PASS
Band38	5	38000	1	#Max	16QAM	19.65	PASS
Band38	5	38000	12	#0	16QAM	18.17	PASS
Band38	5	38000	12	#Mid	16QAM	18.16	PASS
Band38	5	38000	12	#Max	16QAM	18.11	PASS
Band38	5	38000	25	#0	16QAM	18.02	PASS
Band38	5	38225	1	#0	QPSK	20.44	PASS
Band38	5	38225	1	#Mid	QPSK	20.53	PASS
Band38	5	38225	1	#Max	QPSK	20.58	PASS
Band38	5	38225	12	#0	QPSK	19.51	PASS
Band38	5	38225	12	#Mid	QPSK	19.56	PASS
Band38	5	38225	12	#Max	QPSK	19.61	PASS
Band38	5	38225	25	#0	QPSK	19.51	PASS
Band38	5	38225	1	#0	16QAM	19.70	PASS
Band38	5	38225	1	#Mid	16QAM	19.75	PASS
Band38	5	38225	1	#Max	16QAM	19.84	PASS

Band38	5	38225	12	#0	16QAM	18.52	PASS
Band38	5	38225	12	#Mid	16QAM	18.54	PASS
Band38	5	38225	12	#Max	16QAM	18.61	PASS
Band38	5	38225	25	#0	16QAM	18.56	PASS
Band38	10	37800	1	#0	QPSK	20.06	PASS
Band38	10	37800	1	#Mid	QPSK	20.12	PASS
Band38	10	37800	1	#Max	QPSK	20.20	PASS
Band38	10	37800	25	#0	QPSK	19.11	PASS
Band38	10	37800	25	#Mid	QPSK	19.12	PASS
Band38	10	37800	25	#Max	QPSK	19.19	PASS
Band38	10	37800	50	#0	QPSK	19.15	PASS
Band38	10	37800	1	#0	16QAM	19.50	PASS
Band38	10	37800	1	#Mid	16QAM	19.52	PASS
Band38	10	37800	1	#Max	16QAM	19.62	PASS
Band38	10	37800	25	#0	16QAM	18.00	PASS
Band38	10	37800	25	#Mid	16QAM	18.02	PASS
Band38	10	37800	25	#Max	16QAM	18.05	PASS
Band38	10	37800	50	#0	16QAM	17.97	PASS
Band38	10	38000	1	#0	QPSK	20.35	PASS
Band38	10	38000	1	#Mid	QPSK	20.25	PASS
Band38	10	38000	1	#Max	QPSK	20.19	PASS
Band38	10	38000	25	#0	QPSK	19.29	PASS
Band38	10	38000	25	#Mid	QPSK	19.23	PASS
Band38	10	38000	25	#Max	QPSK	19.22	PASS
Band38	10	38000	50	#0	QPSK	19.26	PASS
Band38	10	38000	1	#0	16QAM	19.42	PASS
Band38	10	38000	1	#Mid	16QAM	19.35	PASS
Band38	10	38000	1	#Max	16QAM	19.30	PASS
Band38	10	38000	25	#0	16QAM	18.16	PASS
Band38	10	38000	25	#Mid	16QAM	18.14	PASS
Band38	10	38000	25	#Max	16QAM	18.13	PASS
Band38	10	38000	50	#0	16QAM	18.16	PASS
Band38	10	38200	1	#0	QPSK	20.34	PASS
Band38	10	38200	1	#Mid	QPSK	20.47	PASS
Band38	10	38200	1	#Max	QPSK	20.63	PASS
Band38	10	38200	25	#0	QPSK	19.37	PASS
Band38	10	38200	25	#Mid	QPSK	19.46	PASS
Band38	10	38200	25	#Max	QPSK	19.56	PASS
Band38	10	38200	50	#0	QPSK	19.45	PASS
Band38	10	38200	1	#0	16QAM	19.28	PASS
Band38	10	38200	1	#Mid	16QAM	19.41	PASS
Band38	10	38200	1	#Max	16QAM	19.55	PASS
Band38	10	38200	25	#0	16QAM	18.38	PASS

Band38	10	38200	25	#Mid	16QAM	18.45	PASS
Band38	10	38200	25	#Max	16QAM	18.57	PASS
Band38	10	38200	50	#0	16QAM	18.46	PASS
Band38	15	37825	1	#0	QPSK	20.09	PASS
Band38	15	37825	1	#Mid	QPSK	20.17	PASS
Band38	15	37825	1	#Max	QPSK	20.26	PASS
Band38	15	37825	36	#0	QPSK	19.21	PASS
Band38	15	37825	36	#Mid	QPSK	19.24	PASS
Band38	15	37825	36	#Max	QPSK	19.33	PASS
Band38	15	37825	75	#0	QPSK	19.27	PASS
Band38	15	37825	1	#0	16QAM	19.51	PASS
Band38	15	37825	1	#Mid	16QAM	19.55	PASS
Band38	15	37825	1	#Max	16QAM	19.63	PASS
Band38	15	37825	36	#0	16QAM	18.08	PASS
Band38	15	37825	36	#Mid	16QAM	18.14	PASS
Band38	15	37825	36	#Max	16QAM	18.19	PASS
Band38	15	37825	75	#0	16QAM	18.11	PASS
Band38	15	38000	1	#0	QPSK	20.34	PASS
Band38	15	38000	1	#Mid	QPSK	20.23	PASS
Band38	15	38000	1	#Max	QPSK	20.16	PASS
Band38	15	38000	36	#0	QPSK	19.38	PASS
Band38	15	38000	36	#Mid	QPSK	19.34	PASS
Band38	15	38000	36	#Max	QPSK	19.29	PASS
Band38	15	38000	75	#0	QPSK	19.33	PASS
Band38	15	38000	1	#0	16QAM	19.47	PASS
Band38	15	38000	1	#Mid	16QAM	19.38	PASS
Band38	15	38000	1	#Max	16QAM	19.31	PASS
Band38	15	38000	36	#0	16QAM	18.32	PASS
Band38	15	38000	36	#Mid	16QAM	18.30	PASS
Band38	15	38000	36	#Max	16QAM	18.24	PASS
Band38	15	38000	75	#0	16QAM	18.20	PASS
Band38	15	38175	1	#0	QPSK	20.36	PASS
Band38	15	38175	1	#Mid	QPSK	20.45	PASS
Band38	15	38175	1	#Max	QPSK	20.71	PASS
Band38	15	38175	36	#0	QPSK	19.35	PASS
Band38	15	38175	36	#Mid	QPSK	19.43	PASS
Band38	15	38175	36	#Max	QPSK	19.56	PASS
Band38	15	38175	75	#0	QPSK	19.45	PASS
Band38	15	38175	1	#0	16QAM	19.49	PASS
Band38	15	38175	1	#Mid	16QAM	19.54	PASS
Band38	15	38175	1	#Max	16QAM	19.84	PASS
Band38	15	38175	36	#0	16QAM	18.22	PASS
Band38	15	38175	36	#Mid	16QAM	18.41	PASS

Band38	15	38175	36	#Max	16QAM	18.52	PASS
Band38	15	38175	75	#0	16QAM	18.48	PASS
Band38	20	37850	1	#0	QPSK	20.15	PASS
Band38	20	37850	1	#Mid	QPSK	20.25	PASS
Band38	20	37850	1	#Max	QPSK	20.42	PASS
Band38	20	37850	50	#0	QPSK	19.18	PASS
Band38	20	37850	50	#Mid	QPSK	19.20	PASS
Band38	20	37850	50	#Max	QPSK	19.29	PASS
Band38	20	37850	100	#0	QPSK	19.22	PASS
Band38	20	37850	1	#0	16QAM	19.37	PASS
Band38	20	37850	1	#Mid	16QAM	19.40	PASS
Band38	20	37850	1	#Max	16QAM	19.60	PASS
Band38	20	37850	50	#0	16QAM	18.12	PASS
Band38	20	37850	50	#Mid	16QAM	18.16	PASS
Band38	20	37850	50	#Max	16QAM	18.24	PASS
Band38	20	37850	100	#0	16QAM	18.07	PASS
Band38	20	38000	1	#0	QPSK	20.45	PASS
Band38	20	38000	1	#Mid	QPSK	20.32	PASS
Band38	20	38000	1	#Max	QPSK	20.33	PASS
Band38	20	38000	50	#0	QPSK	19.37	PASS
Band38	20	38000	50	#Mid	QPSK	19.27	PASS
Band38	20	38000	50	#Max	QPSK	19.23	PASS
Band38	20	38000	100	#0	QPSK	19.26	PASS
Band38	20	38000	1	#0	16QAM	19.54	PASS
Band38	20	38000	1	#Mid	16QAM	19.40	PASS
Band38	20	38000	1	#Max	16QAM	19.43	PASS
Band38	20	38000	50	#0	16QAM	18.25	PASS
Band38	20	38000	50	#Mid	16QAM	18.16	PASS
Band38	20	38000	50	#Max	16QAM	18.12	PASS
Band38	20	38000	100	#0	16QAM	18.14	PASS
Band38	20	38150	1	#0	QPSK	20.30	PASS
Band38	20	38150	1	#Mid	QPSK	20.33	PASS
Band38	20	38150	1	#Max	QPSK	20.71	PASS
Band38	20	38150	50	#0	QPSK	19.27	PASS
Band38	20	38150	50	#Mid	QPSK	19.34	PASS
Band38	20	38150	50	#Max	QPSK	19.50	PASS
Band38	20	38150	100	#0	QPSK	19.36	PASS
Band38	20	38150	1	#0	16QAM	19.44	PASS
Band38	20	38150	1	#Mid	16QAM	19.45	PASS
Band38	20	38150	1	#Max	16QAM	19.84	PASS
Band38	20	38150	50	#0	16QAM	18.20	PASS
Band38	20	38150	50	#Mid	16QAM	18.32	PASS
Band38	20	38150	50	#Max	16QAM	18.50	PASS

Band38	20	38150	100	#0	16QAM	18.31	PASS
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Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band38	5	37775	25	#0	QPSK	LV	NT	-28.08	-0.011	PASS
Band38	5	37775	25	#0	QPSK	NV	NT	-9.74	-0.004	PASS
Band38	5	37775	25	#0	QPSK	HV	NT	-3.20	-0.001	PASS
Band38	5	37775	25	#0	16QAM	LV	NT	0.99	0.000	PASS
Band38	5	37775	25	#0	16QAM	NV	NT	5.12	0.002	PASS
Band38	5	37775	25	#0	16QAM	HV	NT	-2.86	-0.001	PASS
Band38	5	38000	25	#0	QPSK	LV	NT	-7.88	-0.003	PASS
Band38	5	38000	25	#0	QPSK	NV	NT	-3.30	-0.001	PASS
Band38	5	38000	25	#0	QPSK	HV	NT	0.60	0.000	PASS
Band38	5	38000	25	#0	16QAM	LV	NT	-2.86	-0.001	PASS
Band38	5	38000	25	#0	16QAM	NV	NT	0.99	0.000	PASS
Band38	5	38000	25	#0	16QAM	HV	NT	-4.18	-0.002	PASS
Band38	5	38225	25	#0	QPSK	LV	NT	-1.40	-0.001	PASS
Band38	5	38225	25	#0	QPSK	NV	NT	-2.47	-0.001	PASS
Band38	5	38225	25	#0	QPSK	HV	NT	1.59	0.001	PASS
Band38	5	38225	25	#0	16QAM	LV	NT	-1.37	-0.001	PASS
Band38	5	38225	25	#0	16QAM	NV	NT	-6.85	-0.003	PASS
Band38	5	38225	25	#0	16QAM	HV	NT	1.63	0.001	PASS
Band38	10	37800	50	#0	QPSK	LV	NT	-17.87	-0.007	PASS
Band38	10	37800	50	#0	QPSK	NV	NT	2.20	0.001	PASS
Band38	10	37800	50	#0	QPSK	HV	NT	-2.66	-0.001	PASS
Band38	10	37800	50	#0	16QAM	LV	NT	0.09	0.000	PASS
Band38	10	37800	50	#0	16QAM	NV	NT	-2.65	-0.001	PASS
Band38	10	37800	50	#0	16QAM	HV	NT	0.56	0.000	PASS
Band38	10	38000	50	#0	QPSK	LV	NT	-6.19	-0.002	PASS
Band38	10	38000	50	#0	QPSK	NV	NT	-2.32	-0.001	PASS
Band38	10	38000	50	#0	QPSK	HV	NT	0.23	0.000	PASS
Band38	10	38000	50	#0	16QAM	LV	NT	-4.61	-0.002	PASS
Band38	10	38000	50	#0	16QAM	NV	NT	-1.12	0.000	PASS
Band38	10	38000	50	#0	16QAM	HV	NT	0.94	0.000	PASS
Band38	10	38200	50	#0	QPSK	LV	NT	-9.64	-0.004	PASS
Band38	10	38200	50	#0	QPSK	NV	NT	-2.83	-0.001	PASS
Band38	10	38200	50	#0	QPSK	HV	NT	-0.87	0.000	PASS
Band38	10	38200	50	#0	16QAM	LV	NT	-2.92	-0.001	PASS
Band38	10	38200	50	#0	16QAM	NV	NT	-3.15	-0.001	PASS
Band38	10	38200	50	#0	16QAM	HV	NT	0.60	0.000	PASS

Band38	15	37825	75	#0	QPSK	LV	NT	-15.26	-0.006	PASS
Band38	15	37825	75	#0	QPSK	NV	NT	-3.00	-0.001	PASS
Band38	15	37825	75	#0	QPSK	HV	NT	0.06	0.000	PASS
Band38	15	37825	75	#0	16QAM	LV	NT	0.46	0.000	PASS
Band38	15	37825	75	#0	16QAM	NV	NT	-1.47	-0.001	PASS
Band38	15	37825	75	#0	16QAM	HV	NT	-0.13	0.000	PASS
Band38	15	38000	75	#0	QPSK	LV	NT	-11.83	-0.005	PASS
Band38	15	38000	75	#0	QPSK	NV	NT	0.47	0.000	PASS
Band38	15	38000	75	#0	QPSK	HV	NT	-3.75	-0.001	PASS
Band38	15	38000	75	#0	16QAM	LV	NT	0.01	0.000	PASS
Band38	15	38000	75	#0	16QAM	NV	NT	-6.28	-0.002	PASS
Band38	15	38000	75	#0	16QAM	HV	NT	-0.30	0.000	PASS
Band38	15	38175	75	#0	QPSK	LV	NT	-13.10	-0.005	PASS
Band38	15	38175	75	#0	QPSK	NV	NT	-3.65	-0.001	PASS
Band38	15	38175	75	#0	QPSK	HV	NT	-1.54	-0.001	PASS
Band38	15	38175	75	#0	16QAM	LV	NT	-2.57	-0.001	PASS
Band38	15	38175	75	#0	16QAM	NV	NT	-2.79	-0.001	PASS
Band38	15	38175	75	#0	16QAM	HV	NT	-7.58	-0.003	PASS
Band38	20	37850	100	#0	QPSK	LV	NT	-18.84	-0.007	PASS
Band38	20	37850	100	#0	QPSK	NV	NT	-2.26	-0.001	PASS
Band38	20	37850	100	#0	QPSK	HV	NT	-1.22	0.000	PASS
Band38	20	37850	100	#0	16QAM	LV	NT	-1.13	0.000	PASS
Band38	20	37850	100	#0	16QAM	NV	NT	-1.22	0.000	PASS
Band38	20	37850	100	#0	16QAM	HV	NT	2.05	0.001	PASS
Band38	20	38000	100	#0	QPSK	LV	NT	-12.77	-0.005	PASS
Band38	20	38000	100	#0	QPSK	NV	NT	1.96	0.001	PASS
Band38	20	38000	100	#0	QPSK	HV	NT	-2.55	-0.001	PASS
Band38	20	38000	100	#0	16QAM	LV	NT	-3.50	-0.001	PASS
Band38	20	38000	100	#0	16QAM	NV	NT	-5.02	-0.002	PASS
Band38	20	38000	100	#0	16QAM	HV	NT	4.25	0.002	PASS
Band38	20	38150	100	#0	QPSK	LV	NT	-11.01	-0.004	PASS
Band38	20	38150	100	#0	QPSK	NV	NT	-1.63	-0.001	PASS
Band38	20	38150	100	#0	QPSK	HV	NT	-0.06	0.000	PASS
Band38	20	38150	100	#0	16QAM	LV	NT	-5.75	-0.002	PASS
Band38	20	38150	100	#0	16QAM	NV	NT	4.39	0.002	PASS
Band38	20	38150	100	#0	16QAM	HV	NT	6.01	0.002	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band38	5	37775	25	#0	QPSK	NV	-30	-16.84	-0.007	PASS
Band38	5	37775	25	#0	QPSK	NV	-20	-17.97	-0.007	PASS
Band38	5	37775	25	#0	QPSK	NV	-10	-10.04	-0.004	PASS
Band38	5	37775	25	#0	QPSK	NV	0	-11.13	-0.004	PASS

Band38	5	37775	25	#0	QPSK	NV	10	-18.07	-0.007	PASS
Band38	5	37775	25	#0	QPSK	NV	20	-10.37	-0.004	PASS
Band38	5	37775	25	#0	QPSK	NV	30	-5.56	-0.002	PASS
Band38	5	37775	25	#0	QPSK	NV	40	-3.56	-0.001	PASS
Band38	5	37775	25	#0	QPSK	NV	50	-10.64	-0.004	PASS
Band38	5	37775	25	#0	16QAM	NV	-30	-7.50	-0.003	PASS
Band38	5	37775	25	#0	16QAM	NV	-20	-16.64	-0.006	PASS
Band38	5	37775	25	#0	16QAM	NV	-10	2.75	0.001	PASS
Band38	5	37775	25	#0	16QAM	NV	0	-3.22	-0.001	PASS
Band38	5	37775	25	#0	16QAM	NV	10	4.13	0.002	PASS
Band38	5	37775	25	#0	16QAM	NV	20	-11.76	-0.005	PASS
Band38	5	37775	25	#0	16QAM	NV	30	-7.58	-0.003	PASS
Band38	5	37775	25	#0	16QAM	NV	40	-5.41	-0.002	PASS
Band38	5	37775	25	#0	16QAM	NV	50	-9.26	-0.004	PASS
Band38	5	38000	25	#0	QPSK	NV	-30	-34.20	-0.013	PASS
Band38	5	38000	25	#0	QPSK	NV	-20	-29.23	-0.011	PASS
Band38	5	38000	25	#0	QPSK	NV	-10	-18.14	-0.007	PASS
Band38	5	38000	25	#0	QPSK	NV	0	3.29	0.001	PASS
Band38	5	38000	25	#0	QPSK	NV	10	-8.45	-0.003	PASS
Band38	5	38000	25	#0	QPSK	NV	20	-15.41	-0.006	PASS
Band38	5	38000	25	#0	QPSK	NV	30	28.95	0.011	PASS
Band38	5	38000	25	#0	QPSK	NV	40	38.50	0.015	PASS
Band38	5	38000	25	#0	QPSK	NV	50	22.23	0.009	PASS
Band38	5	38000	25	#0	16QAM	NV	-30	-1.36	-0.001	PASS
Band38	5	38000	25	#0	16QAM	NV	-20	-22.04	-0.008	PASS
Band38	5	38000	25	#0	16QAM	NV	-10	-1.39	-0.001	PASS
Band38	5	38000	25	#0	16QAM	NV	0	2.20	0.001	PASS
Band38	5	38000	25	#0	16QAM	NV	10	-9.50	-0.004	PASS
Band38	5	38000	25	#0	16QAM	NV	20	-16.18	-0.006	PASS
Band38	5	38000	25	#0	16QAM	NV	30	225.35	0.087	PASS
Band38	5	38000	25	#0	16QAM	NV	40	72.66	0.028	PASS
Band38	5	38000	25	#0	16QAM	NV	50	23.60	0.009	PASS
Band38	5	38225	25	#0	QPSK	NV	-30	-11.36	-0.004	PASS
Band38	5	38225	25	#0	QPSK	NV	-20	-7.17	-0.003	PASS
Band38	5	38225	25	#0	QPSK	NV	-10	-5.12	-0.002	PASS
Band38	5	38225	25	#0	QPSK	NV	0	-5.97	-0.002	PASS
Band38	5	38225	25	#0	QPSK	NV	10	-13.07	-0.005	PASS
Band38	5	38225	25	#0	QPSK	NV	20	-15.48	-0.006	PASS
Band38	5	38225	25	#0	QPSK	NV	30	-22.24	-0.008	PASS
Band38	5	38225	25	#0	QPSK	NV	40	-9.11	-0.003	PASS
Band38	5	38225	25	#0	QPSK	NV	50	-18.63	-0.007	PASS
Band38	5	38225	25	#0	16QAM	NV	-30	-4.79	-0.002	PASS
Band38	5	38225	25	#0	16QAM	NV	-20	-6.18	-0.002	PASS

Band38	5	38225	25	#0	16QAM	NV	-10	3.72	0.001	PASS
Band38	5	38225	25	#0	16QAM	NV	0	-0.01	0.000	PASS
Band38	5	38225	25	#0	16QAM	NV	10	-17.84	-0.007	PASS
Band38	5	38225	25	#0	16QAM	NV	20	-4.79	-0.002	PASS
Band38	5	38225	25	#0	16QAM	NV	30	20.84	0.008	PASS
Band38	5	38225	25	#0	16QAM	NV	40	0.89	0.000	PASS
Band38	5	38225	25	#0	16QAM	NV	50	7.80	0.003	PASS
Band38	10	37800	50	#0	QPSK	NV	-30	-12.59	-0.005	PASS
Band38	10	37800	50	#0	QPSK	NV	-20	-2.79	-0.001	PASS
Band38	10	37800	50	#0	QPSK	NV	-10	0.47	0.000	PASS
Band38	10	37800	50	#0	QPSK	NV	0	41.34	0.016	PASS
Band38	10	37800	50	#0	QPSK	NV	10	2.26	0.001	PASS
Band38	10	37800	50	#0	QPSK	NV	20	-6.64	-0.003	PASS
Band38	10	37800	50	#0	QPSK	NV	30	6.47	0.003	PASS
Band38	10	37800	50	#0	QPSK	NV	40	12.55	0.005	PASS
Band38	10	37800	50	#0	QPSK	NV	50	6.90	0.003	PASS
Band38	10	37800	50	#0	16QAM	NV	-30	14.62	0.006	PASS
Band38	10	37800	50	#0	16QAM	NV	-20	-35.65	-0.014	PASS
Band38	10	37800	50	#0	16QAM	NV	-10	-13.89	-0.005	PASS
Band38	10	37800	50	#0	16QAM	NV	0	4.13	0.002	PASS
Band38	10	37800	50	#0	16QAM	NV	10	4.66	0.002	PASS
Band38	10	37800	50	#0	16QAM	NV	20	0.50	0.000	PASS
Band38	10	37800	50	#0	16QAM	NV	30	7.75	0.003	PASS
Band38	10	37800	50	#0	16QAM	NV	40	4.49	0.002	PASS
Band38	10	37800	50	#0	16QAM	NV	50	-5.59	-0.002	PASS
Band38	10	38000	50	#0	QPSK	NV	-30	2.39	0.001	PASS
Band38	10	38000	50	#0	QPSK	NV	-20	-1.20	0.000	PASS
Band38	10	38000	50	#0	QPSK	NV	-10	-3.60	-0.001	PASS
Band38	10	38000	50	#0	QPSK	NV	0	6.11	0.002	PASS
Band38	10	38000	50	#0	QPSK	NV	10	-1.67	-0.001	PASS
Band38	10	38000	50	#0	QPSK	NV	20	8.01	0.003	PASS
Band38	10	38000	50	#0	QPSK	NV	30	-12.50	-0.005	PASS
Band38	10	38000	50	#0	QPSK	NV	40	-7.21	-0.003	PASS
Band38	10	38000	50	#0	QPSK	NV	50	8.91	0.003	PASS
Band38	10	38000	50	#0	16QAM	NV	-30	-0.43	0.000	PASS
Band38	10	38000	50	#0	16QAM	NV	-20	4.26	0.002	PASS
Band38	10	38000	50	#0	16QAM	NV	-10	1.19	0.000	PASS
Band38	10	38000	50	#0	16QAM	NV	0	4.22	0.002	PASS
Band38	10	38000	50	#0	16QAM	NV	10	-4.96	-0.002	PASS
Band38	10	38000	50	#0	16QAM	NV	20	10.19	0.004	PASS
Band38	10	38000	50	#0	16QAM	NV	30	2.65	0.001	PASS
Band38	10	38000	50	#0	16QAM	NV	40	-0.11	0.000	PASS
Band38	10	38000	50	#0	16QAM	NV	50	0.90	0.000	PASS

Band38	10	38200	50	#0	QPSK	NV	-30	-8.54	-0.003	PASS
Band38	10	38200	50	#0	QPSK	NV	-20	7.58	0.003	PASS
Band38	10	38200	50	#0	QPSK	NV	-10	-9.37	-0.004	PASS
Band38	10	38200	50	#0	QPSK	NV	0	-1.44	-0.001	PASS
Band38	10	38200	50	#0	QPSK	NV	10	8.45	0.003	PASS
Band38	10	38200	50	#0	QPSK	NV	20	0.63	0.000	PASS
Band38	10	38200	50	#0	QPSK	NV	30	8.85	0.003	PASS
Band38	10	38200	50	#0	QPSK	NV	40	-4.33	-0.002	PASS
Band38	10	38200	50	#0	QPSK	NV	50	-2.20	-0.001	PASS
Band38	10	38200	50	#0	16QAM	NV	-30	3.46	0.001	PASS
Band38	10	38200	50	#0	16QAM	NV	-20	3.09	0.001	PASS
Band38	10	38200	50	#0	16QAM	NV	-10	4.58	0.002	PASS
Band38	10	38200	50	#0	16QAM	NV	0	4.18	0.002	PASS
Band38	10	38200	50	#0	16QAM	NV	10	-4.16	-0.002	PASS
Band38	10	38200	50	#0	16QAM	NV	20	0.00	0.000	PASS
Band38	10	38200	50	#0	16QAM	NV	30	-3.63	-0.001	PASS
Band38	10	38200	50	#0	16QAM	NV	40	3.91	0.001	PASS
Band38	10	38200	50	#0	16QAM	NV	50	6.75	0.003	PASS
Band38	15	37825	75	#0	QPSK	NV	-30	-4.95	-0.002	PASS
Band38	15	37825	75	#0	QPSK	NV	-20	1.43	0.001	PASS
Band38	15	37825	75	#0	QPSK	NV	-10	-12.02	-0.005	PASS
Band38	15	37825	75	#0	QPSK	NV	0	-1.92	-0.001	PASS
Band38	15	37825	75	#0	QPSK	NV	10	2.85	0.001	PASS
Band38	15	37825	75	#0	QPSK	NV	20	6.61	0.003	PASS
Band38	15	37825	75	#0	QPSK	NV	30	-3.71	-0.001	PASS
Band38	15	37825	75	#0	QPSK	NV	40	-7.21	-0.003	PASS
Band38	15	37825	75	#0	QPSK	NV	50	-1.02	0.000	PASS
Band38	15	37825	75	#0	16QAM	NV	-30	-2.42	-0.001	PASS
Band38	15	37825	75	#0	16QAM	NV	-20	-3.56	-0.001	PASS
Band38	15	37825	75	#0	16QAM	NV	-10	7.55	0.003	PASS
Band38	15	37825	75	#0	16QAM	NV	0	-0.59	0.000	PASS
Band38	15	37825	75	#0	16QAM	NV	10	1.03	0.000	PASS
Band38	15	37825	75	#0	16QAM	NV	20	9.44	0.004	PASS
Band38	15	37825	75	#0	16QAM	NV	30	-1.50	-0.001	PASS
Band38	15	37825	75	#0	16QAM	NV	40	-2.70	-0.001	PASS
Band38	15	37825	75	#0	16QAM	NV	50	-12.80	-0.005	PASS
Band38	15	38000	75	#0	QPSK	NV	-30	-5.19	-0.002	PASS
Band38	15	38000	75	#0	QPSK	NV	-20	-12.16	-0.005	PASS
Band38	15	38000	75	#0	QPSK	NV	-10	-3.32	-0.001	PASS
Band38	15	38000	75	#0	QPSK	NV	0	-3.36	-0.001	PASS
Band38	15	38000	75	#0	QPSK	NV	10	-9.01	-0.003	PASS
Band38	15	38000	75	#0	QPSK	NV	20	-0.56	0.000	PASS
Band38	15	38000	75	#0	QPSK	NV	30	-0.76	0.000	PASS

Band38	15	38000	75	#0	QPSK	NV	40	-6.12	-0.002	PASS
Band38	15	38000	75	#0	QPSK	NV	50	-2.45	-0.001	PASS
Band38	15	38000	75	#0	16QAM	NV	-30	3.49	0.001	PASS
Band38	15	38000	75	#0	16QAM	NV	-20	8.94	0.003	PASS
Band38	15	38000	75	#0	16QAM	NV	-10	-7.88	-0.003	PASS
Band38	15	38000	75	#0	16QAM	NV	0	-4.09	-0.002	PASS
Band38	15	38000	75	#0	16QAM	NV	10	-4.01	-0.002	PASS
Band38	15	38000	75	#0	16QAM	NV	20	-2.03	-0.001	PASS
Band38	15	38000	75	#0	16QAM	NV	30	-7.15	-0.003	PASS
Band38	15	38000	75	#0	16QAM	NV	40	-1.73	-0.001	PASS
Band38	15	38000	75	#0	16QAM	NV	50	-3.22	-0.001	PASS
Band38	15	38175	75	#0	QPSK	NV	-30	-10.33	-0.004	PASS
Band38	15	38175	75	#0	QPSK	NV	-20	5.75	0.002	PASS
Band38	15	38175	75	#0	QPSK	NV	-10	-1.79	-0.001	PASS
Band38	15	38175	75	#0	QPSK	NV	0	-12.75	-0.005	PASS
Band38	15	38175	75	#0	QPSK	NV	10	-0.30	0.000	PASS
Band38	15	38175	75	#0	QPSK	NV	20	-6.58	-0.003	PASS
Band38	15	38175	75	#0	QPSK	NV	30	-3.95	-0.002	PASS
Band38	15	38175	75	#0	QPSK	NV	40	2.12	0.001	PASS
Band38	15	38175	75	#0	QPSK	NV	50	-3.88	-0.001	PASS
Band38	15	38175	75	#0	16QAM	NV	-30	-2.43	-0.001	PASS
Band38	15	38175	75	#0	16QAM	NV	-20	-8.51	-0.003	PASS
Band38	15	38175	75	#0	16QAM	NV	-10	-0.21	0.000	PASS
Band38	15	38175	75	#0	16QAM	NV	0	-5.99	-0.002	PASS
Band38	15	38175	75	#0	16QAM	NV	10	-1.53	-0.001	PASS
Band38	15	38175	75	#0	16QAM	NV	20	-0.73	0.000	PASS
Band38	15	38175	75	#0	16QAM	NV	30	-2.70	-0.001	PASS
Band38	15	38175	75	#0	16QAM	NV	40	-5.55	-0.002	PASS
Band38	15	38175	75	#0	16QAM	NV	50	-3.85	-0.001	PASS
Band38	20	37850	100	#0	QPSK	NV	-30	-12.45	-0.005	PASS
Band38	20	37850	100	#0	QPSK	NV	-20	1.09	0.000	PASS
Band38	20	37850	100	#0	QPSK	NV	-10	-2.55	-0.001	PASS
Band38	20	37850	100	#0	QPSK	NV	0	-5.15	-0.002	PASS
Band38	20	37850	100	#0	QPSK	NV	10	2.60	0.001	PASS
Band38	20	37850	100	#0	QPSK	NV	20	14.56	0.006	PASS
Band38	20	37850	100	#0	QPSK	NV	30	-2.15	-0.001	PASS
Band38	20	37850	100	#0	QPSK	NV	40	-5.41	-0.002	PASS
Band38	20	37850	100	#0	QPSK	NV	50	-5.04	-0.002	PASS
Band38	20	37850	100	#0	16QAM	NV	-30	-9.93	-0.004	PASS
Band38	20	37850	100	#0	16QAM	NV	-20	-8.74	-0.003	PASS
Band38	20	37850	100	#0	16QAM	NV	-10	-7.78	-0.003	PASS
Band38	20	37850	100	#0	16QAM	NV	0	0.40	0.000	PASS
Band38	20	37850	100	#0	16QAM	NV	10	-1.39	-0.001	PASS

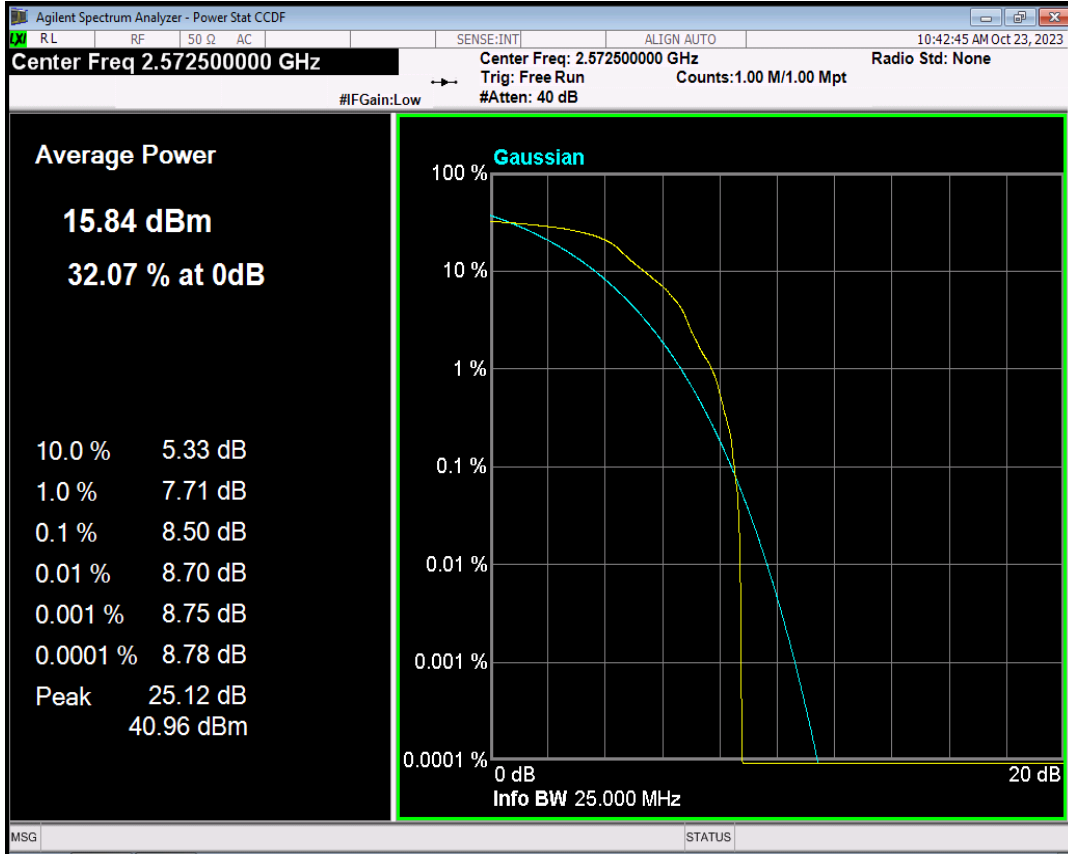
Band38	20	37850	100	#0	16QAM	NV	20	0.59	0.000	PASS
Band38	20	37850	100	#0	16QAM	NV	30	-6.21	-0.002	PASS
Band38	20	37850	100	#0	16QAM	NV	40	-0.76	0.000	PASS
Band38	20	37850	100	#0	16QAM	NV	50	-0.80	0.000	PASS
Band38	20	38000	100	#0	QPSK	NV	-30	-5.66	-0.002	PASS
Band38	20	38000	100	#0	QPSK	NV	-20	-3.86	-0.001	PASS
Band38	20	38000	100	#0	QPSK	NV	-10	0.23	0.000	PASS
Band38	20	38000	100	#0	QPSK	NV	0	3.18	0.001	PASS
Band38	20	38000	100	#0	QPSK	NV	10	1.03	0.000	PASS
Band38	20	38000	100	#0	QPSK	NV	20	3.89	0.001	PASS
Band38	20	38000	100	#0	QPSK	NV	30	0.17	0.000	PASS
Band38	20	38000	100	#0	QPSK	NV	40	2.96	0.001	PASS
Band38	20	38000	100	#0	QPSK	NV	50	1.47	0.001	PASS
Band38	20	38000	100	#0	16QAM	NV	-30	3.32	0.001	PASS
Band38	20	38000	100	#0	16QAM	NV	-20	0.96	0.000	PASS
Band38	20	38000	100	#0	16QAM	NV	-10	-2.43	-0.001	PASS
Band38	20	38000	100	#0	16QAM	NV	0	3.22	0.001	PASS
Band38	20	38000	100	#0	16QAM	NV	10	-2.06	-0.001	PASS
Band38	20	38000	100	#0	16QAM	NV	20	-4.02	-0.002	PASS
Band38	20	38000	100	#0	16QAM	NV	30	-5.09	-0.002	PASS
Band38	20	38000	100	#0	16QAM	NV	40	1.65	0.001	PASS
Band38	20	38000	100	#0	16QAM	NV	50	-6.72	-0.003	PASS
Band38	20	38150	100	#0	QPSK	NV	-30	-8.94	-0.003	PASS
Band38	20	38150	100	#0	QPSK	NV	-20	0.40	0.000	PASS
Band38	20	38150	100	#0	QPSK	NV	-10	7.10	0.003	PASS
Band38	20	38150	100	#0	QPSK	NV	0	0.79	0.000	PASS
Band38	20	38150	100	#0	QPSK	NV	10	-3.59	-0.001	PASS
Band38	20	38150	100	#0	QPSK	NV	20	3.83	0.001	PASS
Band38	20	38150	100	#0	QPSK	NV	30	-2.62	-0.001	PASS
Band38	20	38150	100	#0	QPSK	NV	40	4.66	0.002	PASS
Band38	20	38150	100	#0	QPSK	NV	50	8.71	0.003	PASS
Band38	20	38150	100	#0	16QAM	NV	-30	-0.43	0.000	PASS
Band38	20	38150	100	#0	16QAM	NV	-20	-2.07	-0.001	PASS
Band38	20	38150	100	#0	16QAM	NV	-10	13.66	0.005	PASS
Band38	20	38150	100	#0	16QAM	NV	0	-7.20	-0.003	PASS
Band38	20	38150	100	#0	16QAM	NV	10	-13.72	-0.005	PASS
Band38	20	38150	100	#0	16QAM	NV	20	6.71	0.003	PASS
Band38	20	38150	100	#0	16QAM	NV	30	2.60	0.001	PASS
Band38	20	38150	100	#0	16QAM	NV	40	-3.23	-0.001	PASS
Band38	20	38150	100	#0	16QAM	NV	50	-6.37	-0.002	PASS

Note: The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

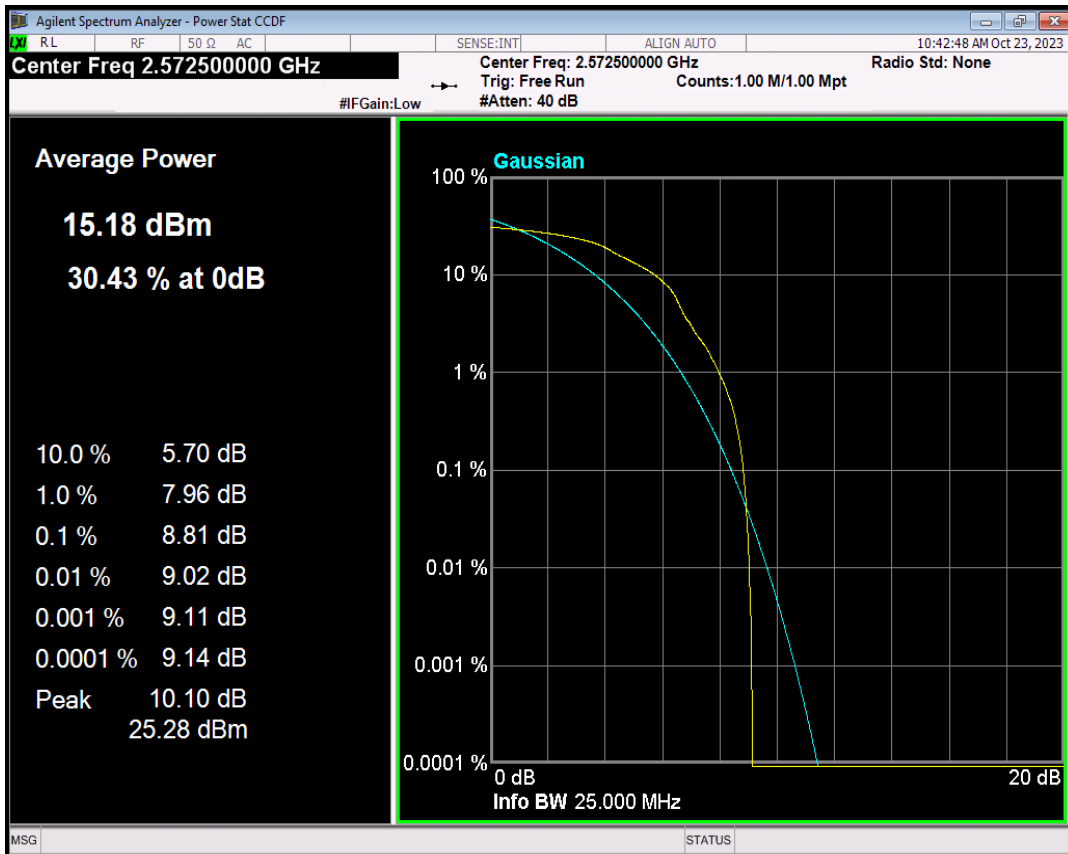
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band38	5	37775	1	#0	QPSK	8.50	13	PASS
Band38	5	37775	1	#0	16QAM	8.81	13	PASS
Band38	5	38000	1	#0	QPSK	8.71	13	PASS
Band38	5	38000	1	#0	16QAM	9.77	13	PASS
Band38	5	38225	1	#0	QPSK	7.60	13	PASS
Band38	5	38225	1	#0	16QAM	9.70	13	PASS
Band38	10	37800	1	#0	QPSK	8.31	13	PASS
Band38	10	37800	1	#0	16QAM	9.94	13	PASS
Band38	10	38000	1	#0	QPSK	7.15	13	PASS
Band38	10	38000	1	#0	16QAM	9.18	13	PASS
Band38	10	38200	1	#0	QPSK	7.69	13	PASS
Band38	10	38200	1	#0	16QAM	8.01	13	PASS
Band38	15	37825	1	#0	QPSK	7.62	13	PASS
Band38	15	37825	1	#0	16QAM	10.14	13	PASS
Band38	15	38000	1	#0	QPSK	8.16	13	PASS
Band38	15	38000	1	#0	16QAM	7.69	13	PASS
Band38	15	38175	1	#0	QPSK	7.92	13	PASS
Band38	15	38175	1	#0	16QAM	9.60	13	PASS
Band38	20	37850	1	#0	QPSK	8.68	13	PASS
Band38	20	37850	1	#0	16QAM	8.12	13	PASS
Band38	20	38000	1	#0	QPSK	7.41	13	PASS
Band38	20	38000	1	#0	16QAM	8.57	13	PASS
Band38	20	38150	1	#0	QPSK	8.46	13	PASS
Band38	20	38150	1	#0	16QAM	10.00	13	PASS

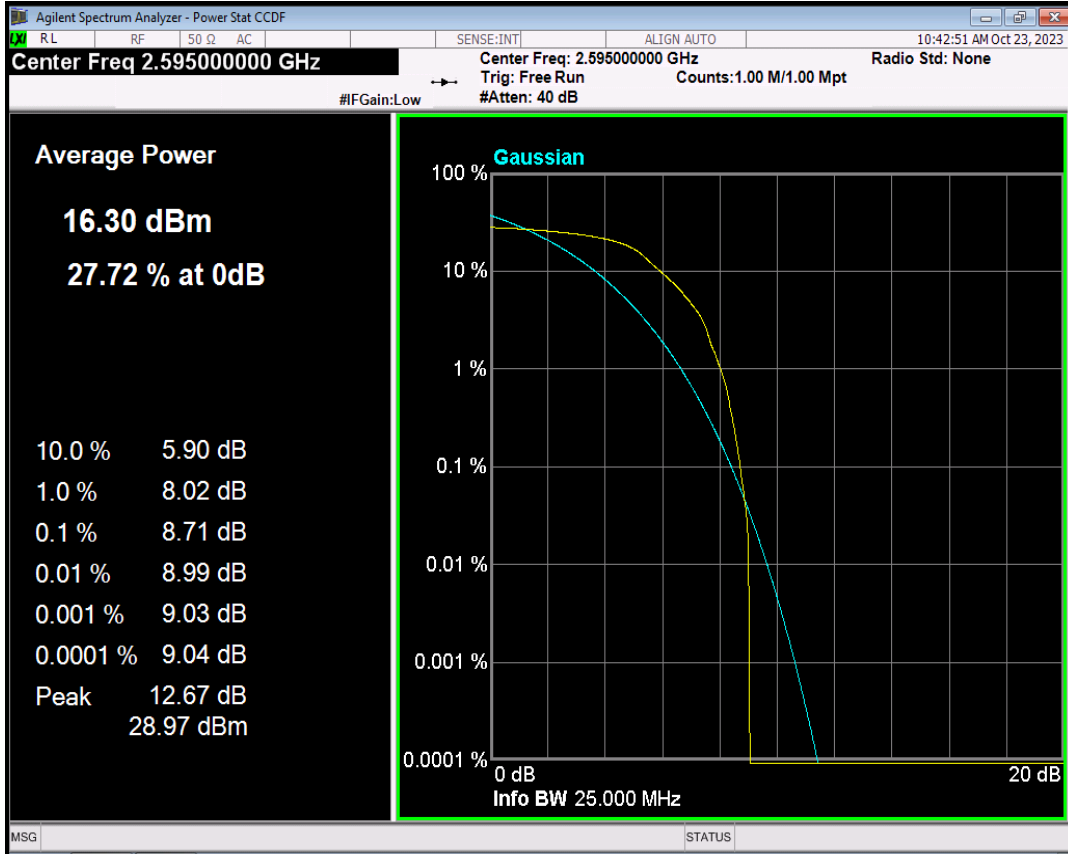
Band38 QPSK BW=5MHz Channel=37775 RB Size=1 Position=#0



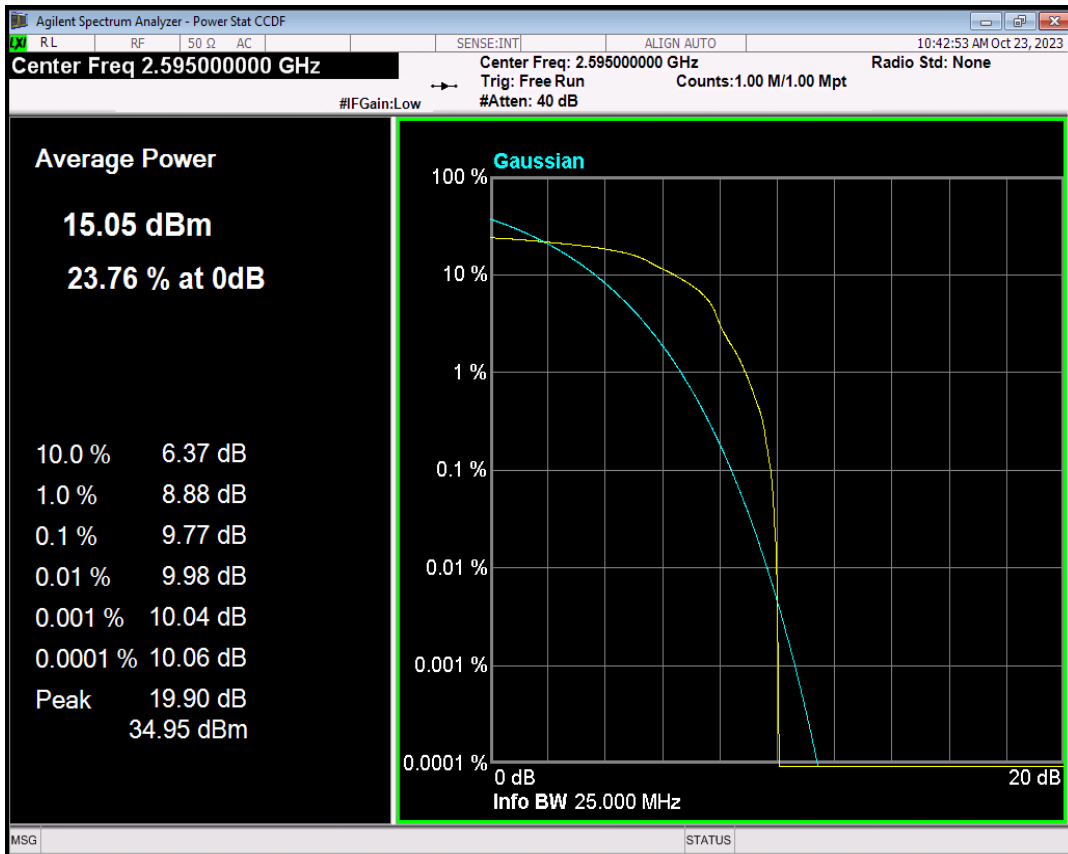
Band38 16QAM BW=5MHz Channel=37775 RB Size=1 Position=#0



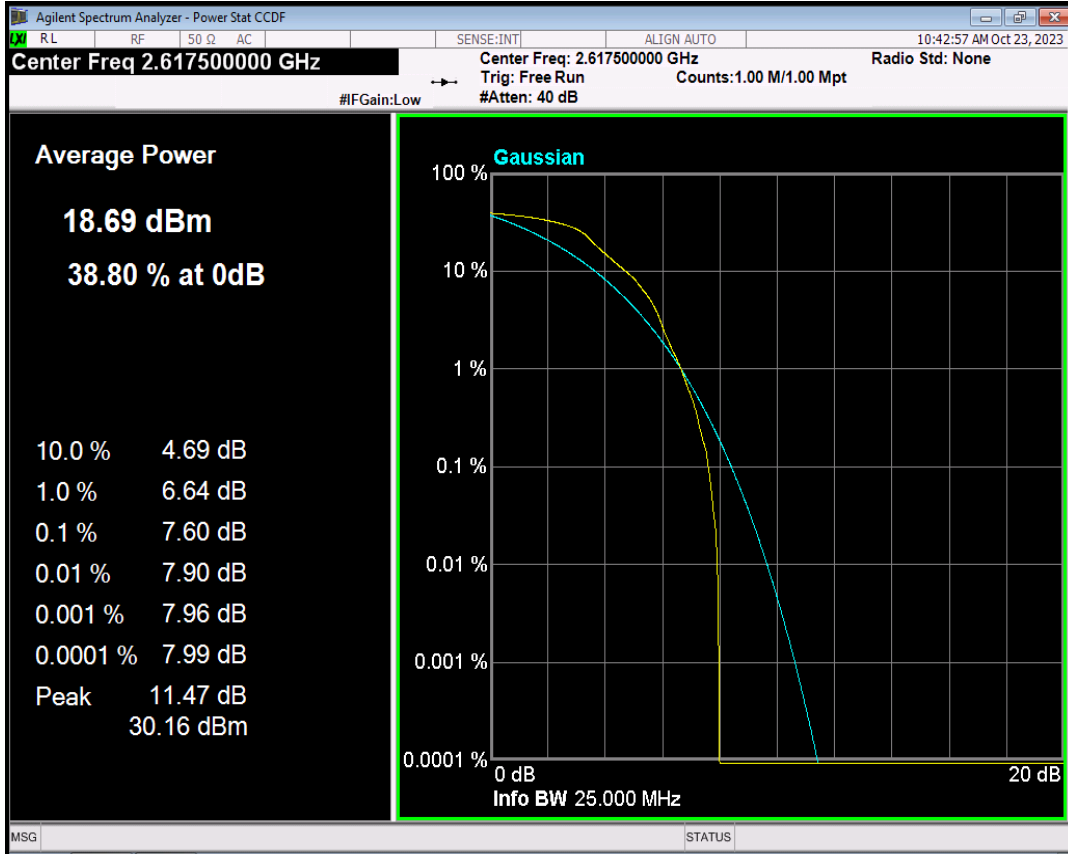
Band38 QPSK BW=5MHz Channel=38000 RB Size=1 Position=#0



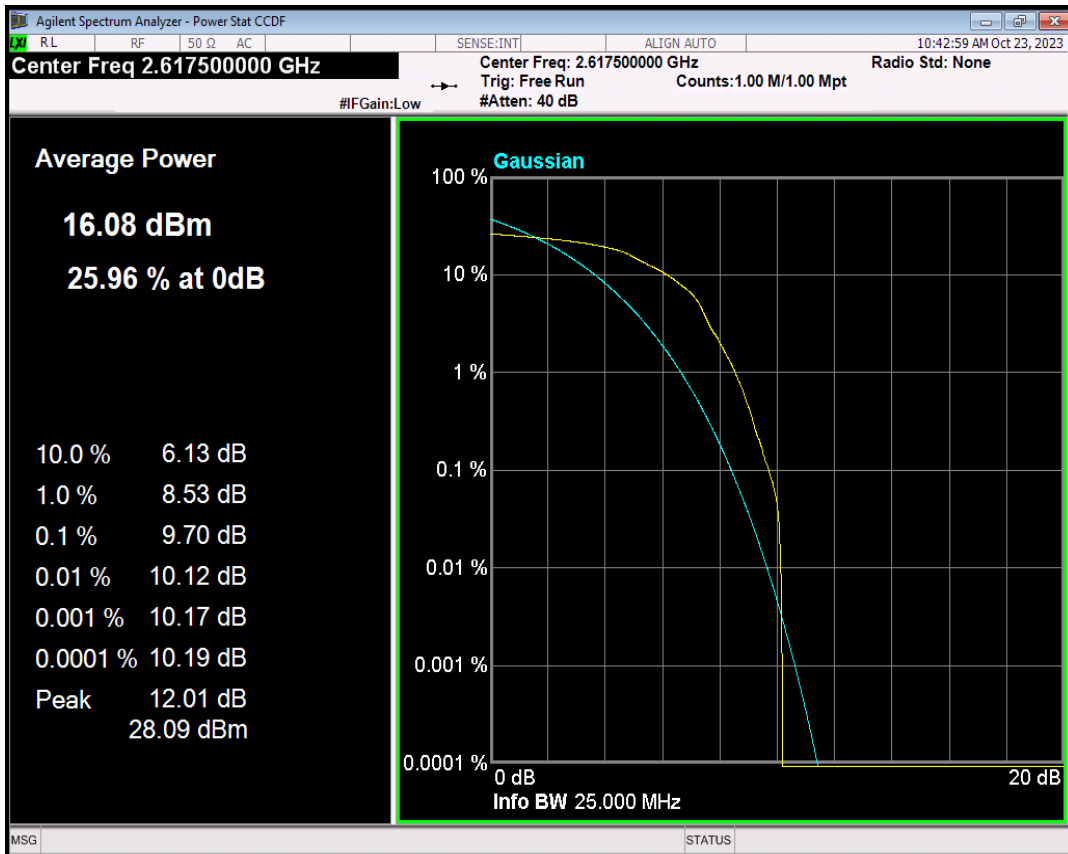
Band38 16QAM BW=5MHz Channel=38000 RB Size=1 Position=#0



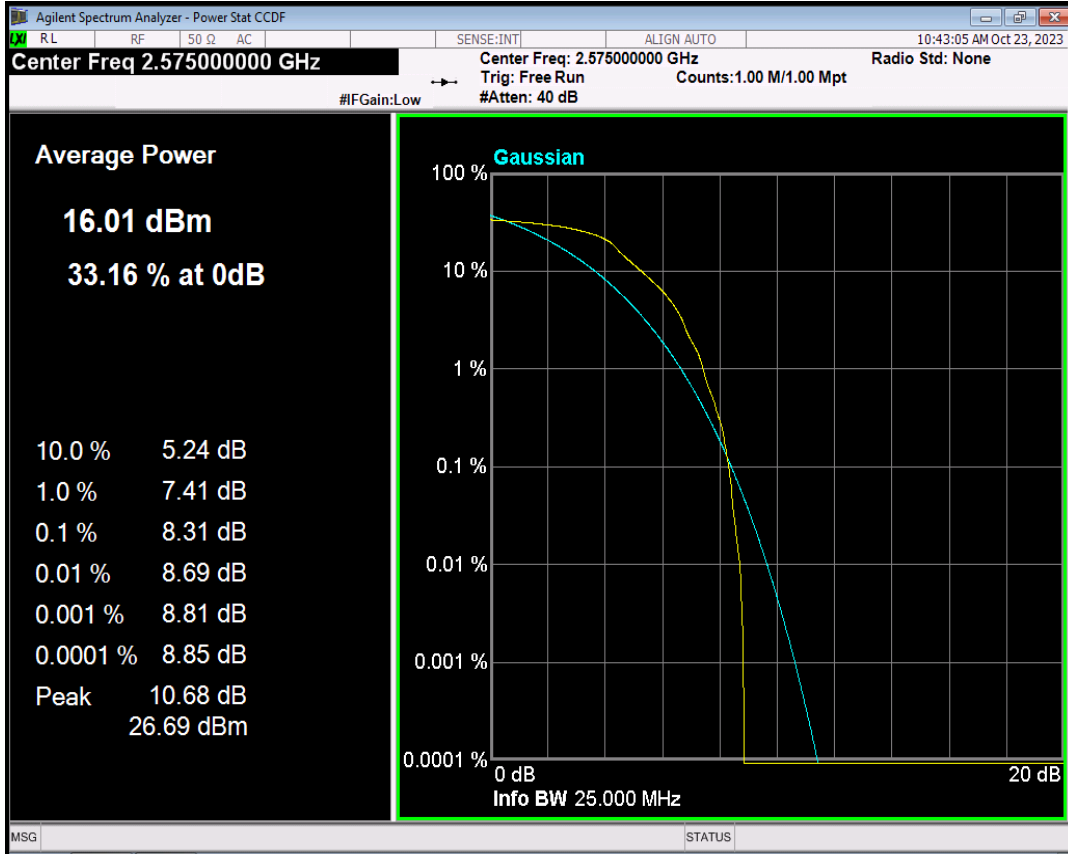
Band38 QPSK BW=5MHz Channel=38225 RB Size=1 Position=#0



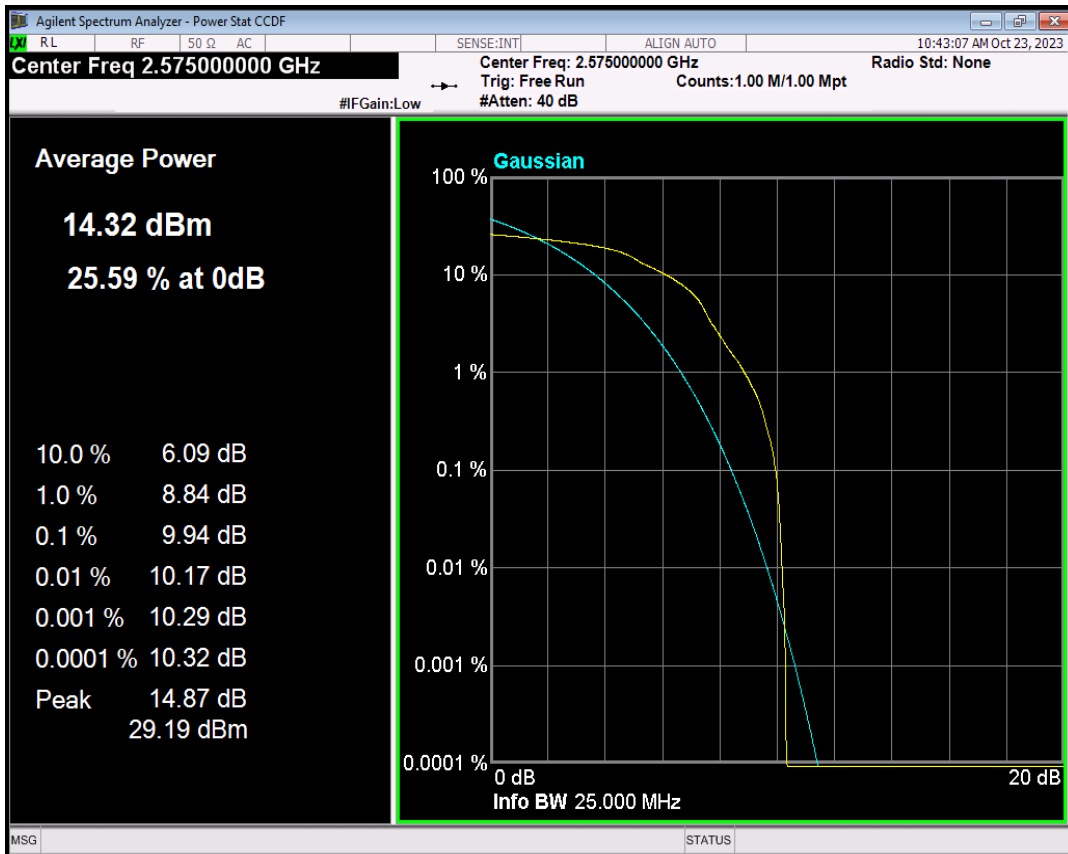
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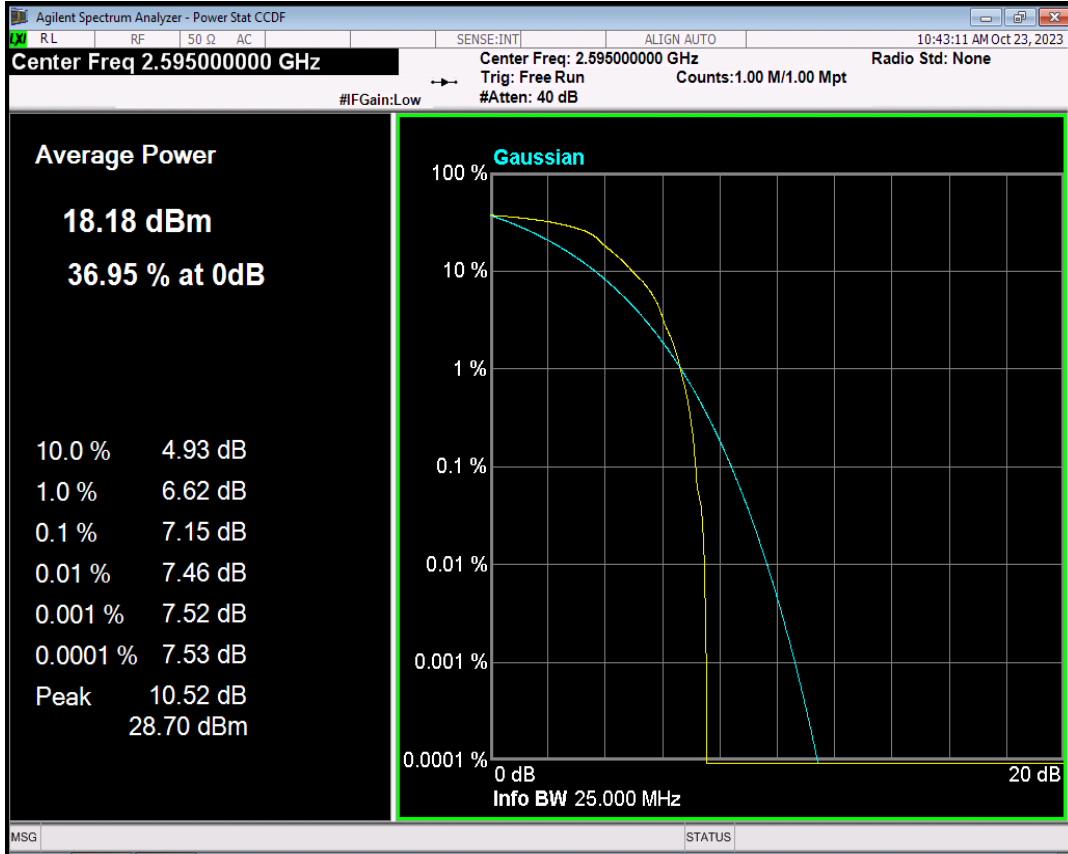
Band38 QPSK BW=10MHz Channel=37800 RB Size=1 Position=#0



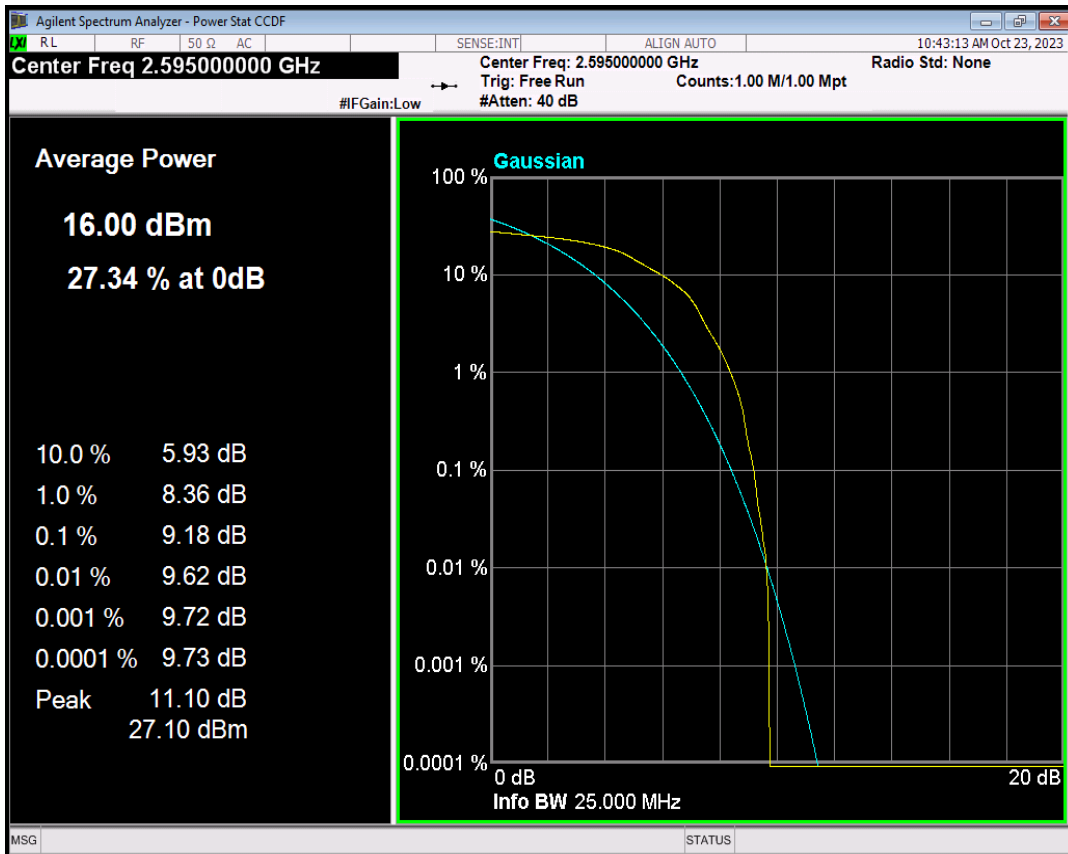
Band38 16QAM BW=10MHz Channel=37800 RB Size=1 Position=#0



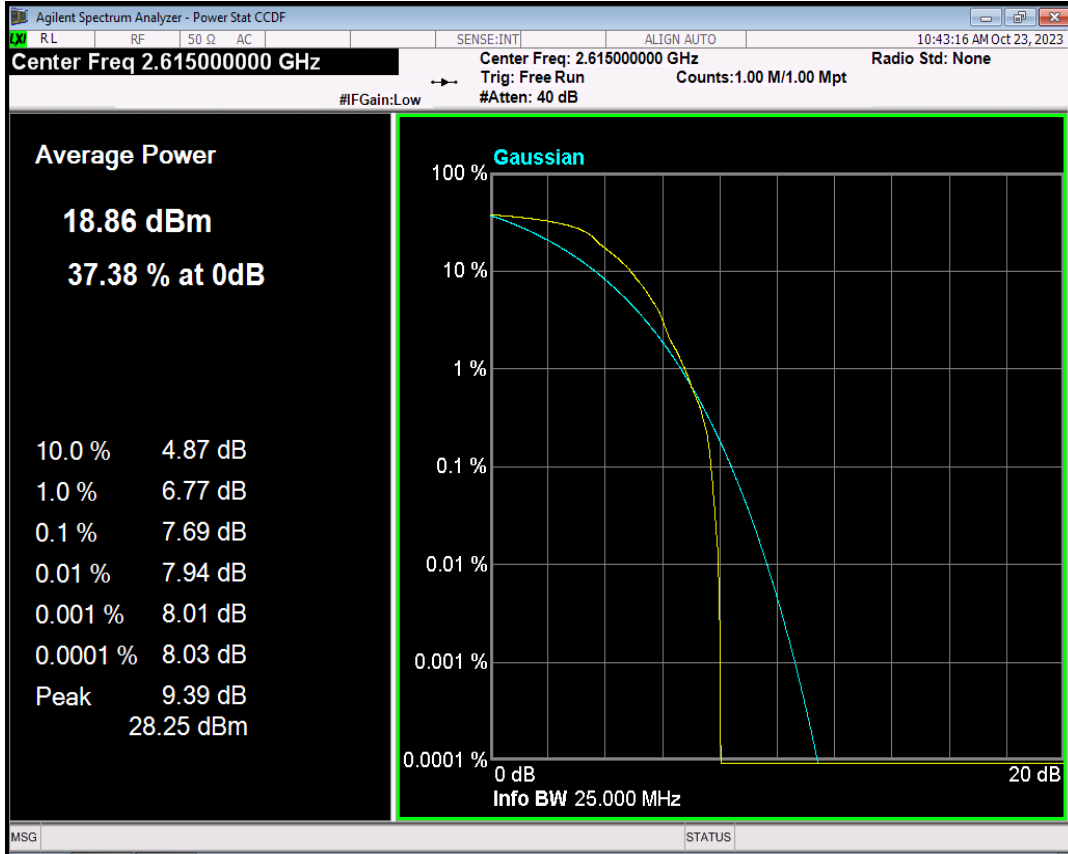
Band38 QPSK BW=10MHz Channel=38000 RB Size=1 Position=#0



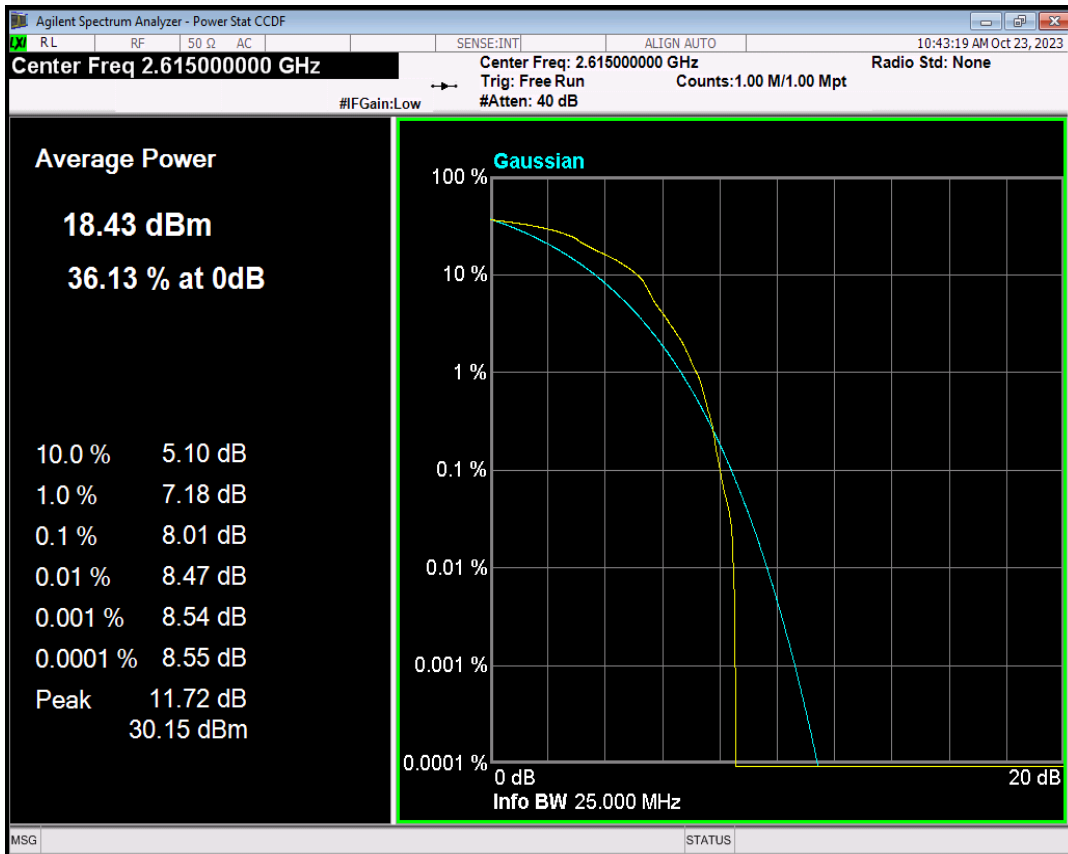
Band38 16QAM BW=10MHz Channel=38000 RB Size=1 Position=#0



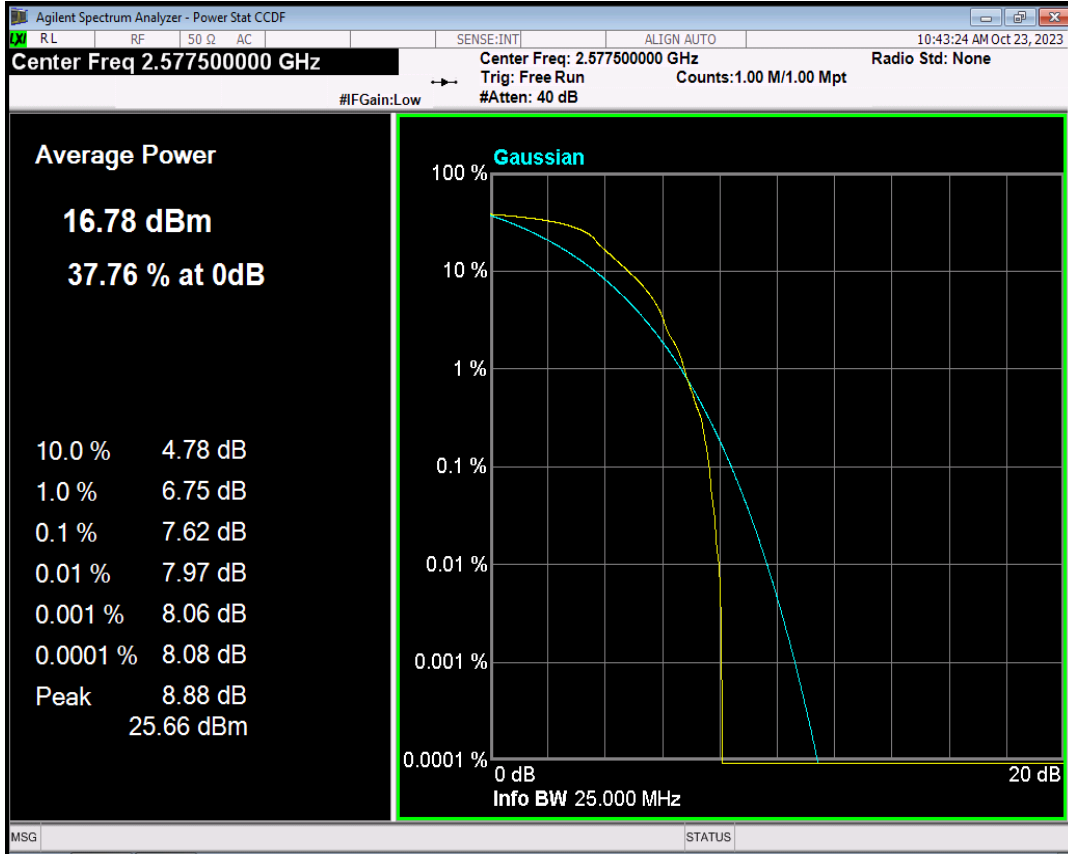
Band38 QPSK BW=10MHz Channel=38200 RB Size=1 Position=#0



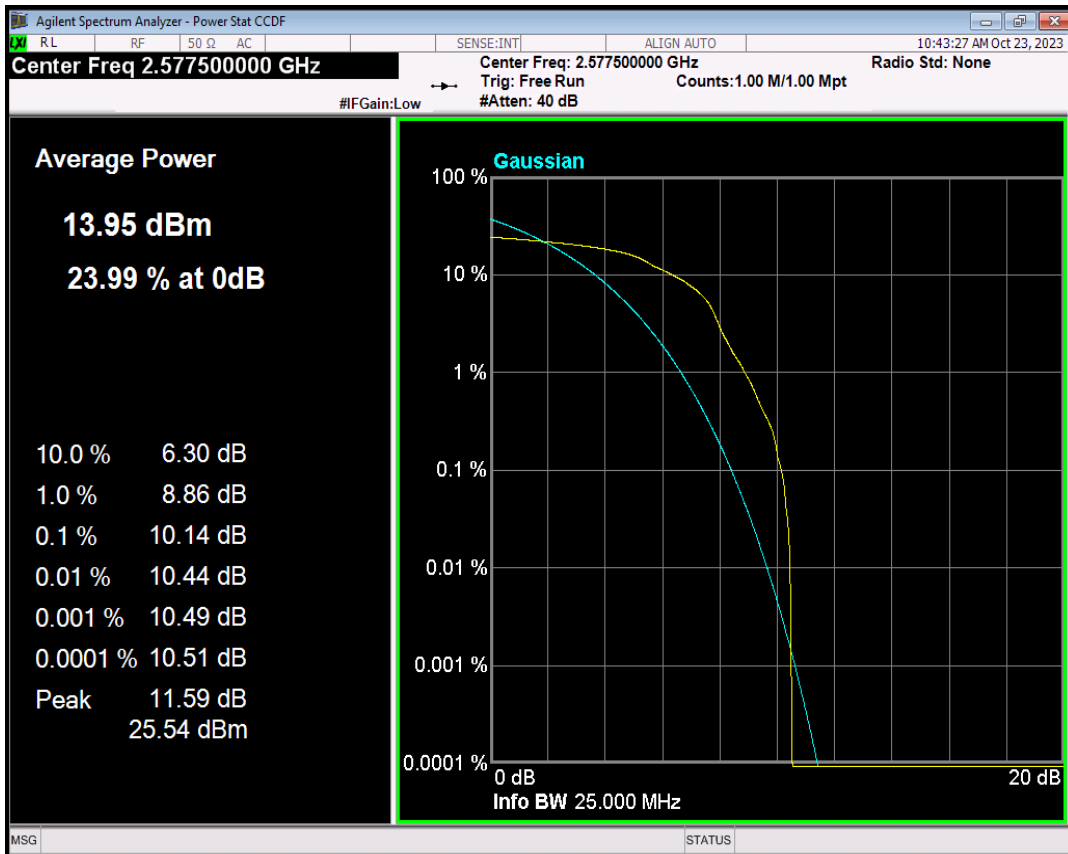
Band38 16QAM BW=10MHz Channel=38200 RB Size=1 Position=#0



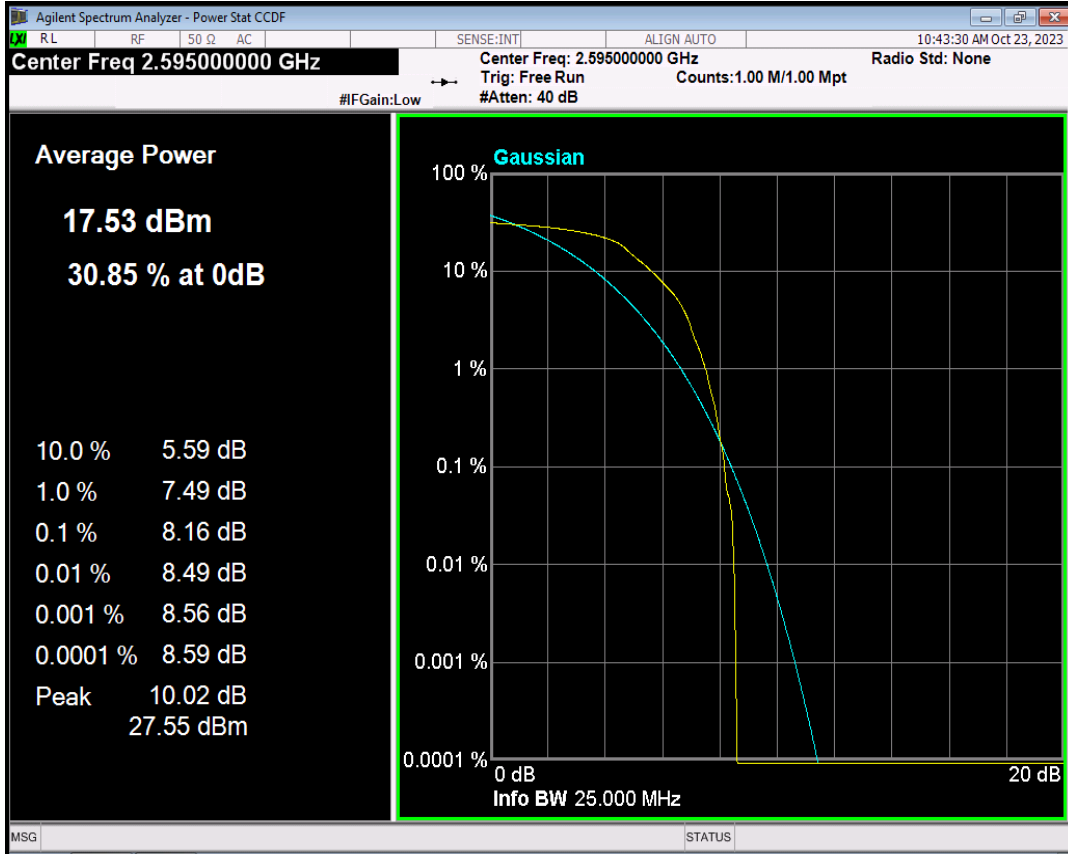
Band38 QPSK BW=15MHz Channel=37825 RB Size=1 Position=#0



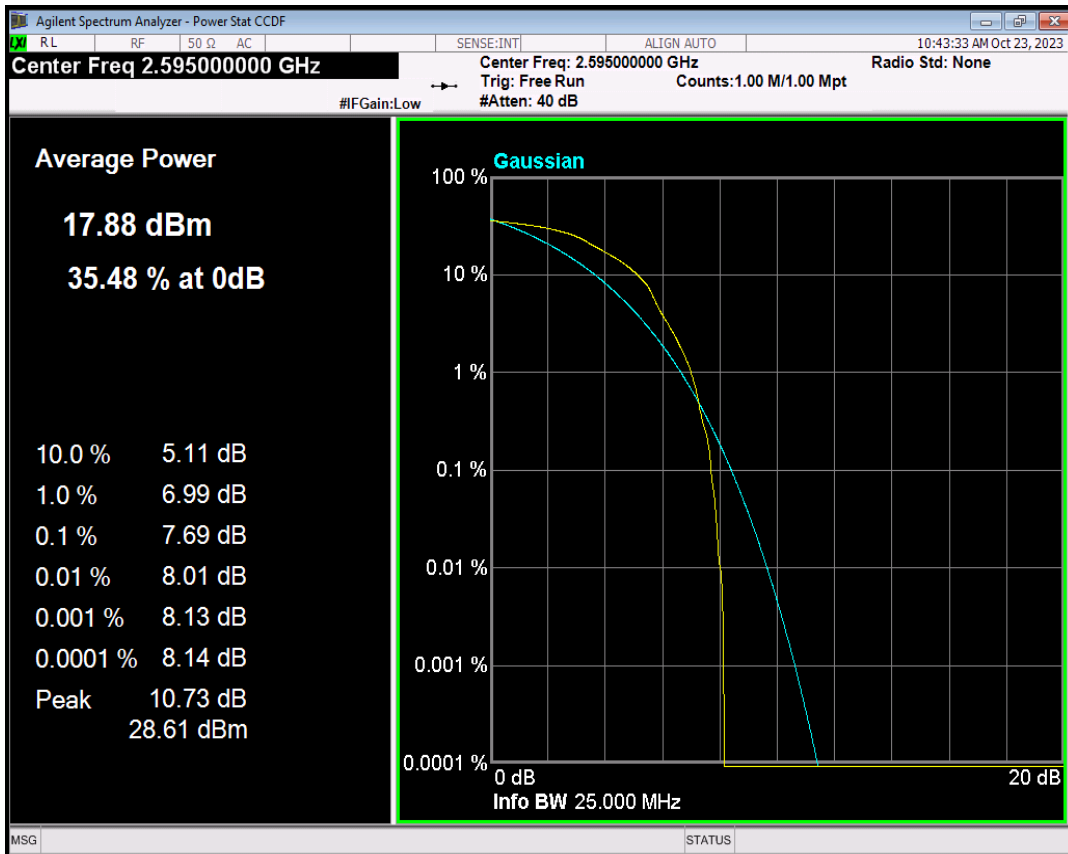
Band38 16QAM BW=15MHz Channel=37825 RB Size=1 Position=#0



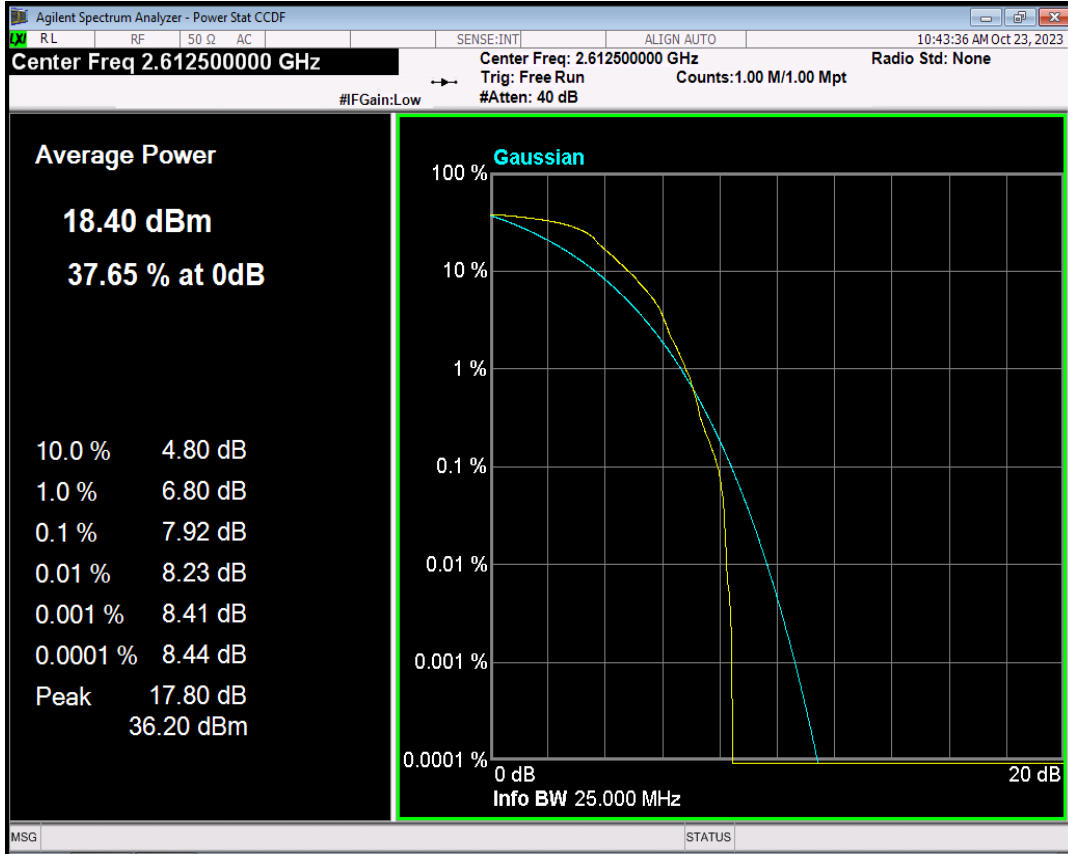
Band38 QPSK BW=15MHz Channel=38000 RB Size=1 Position=#0



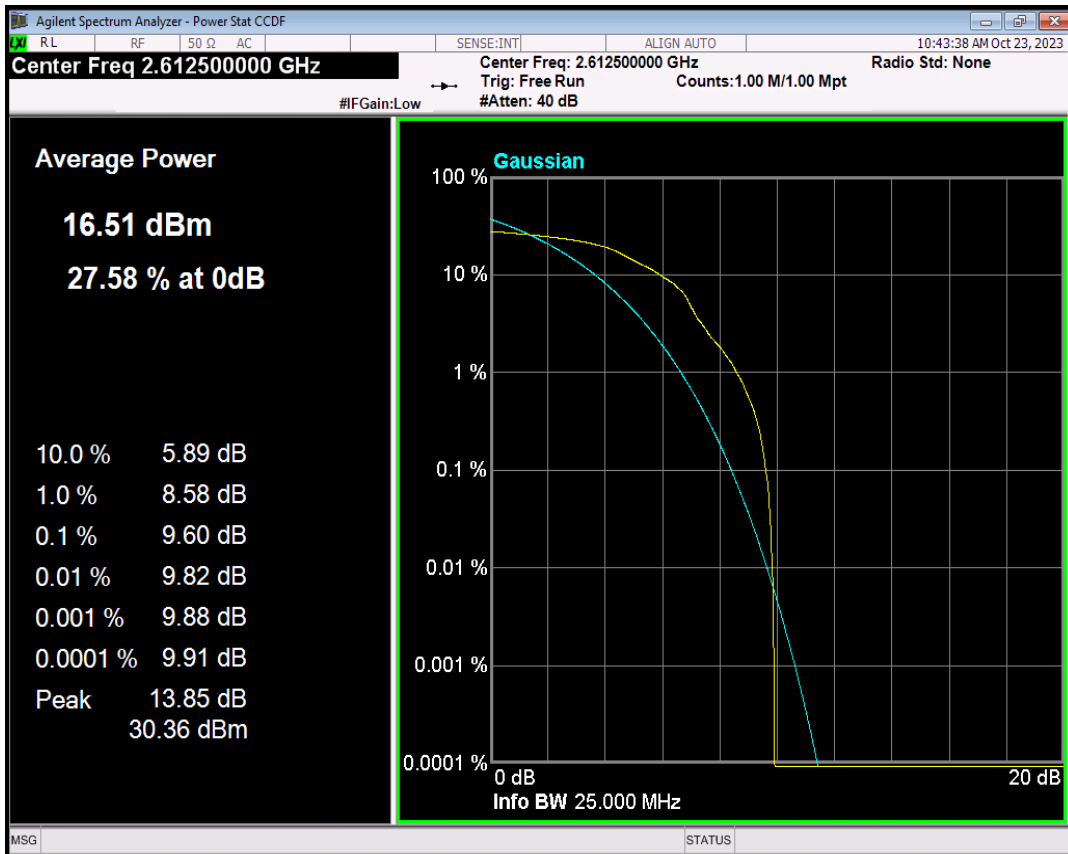
Band38 16QAM BW=15MHz Channel=38000 RB Size=1 Position=#0



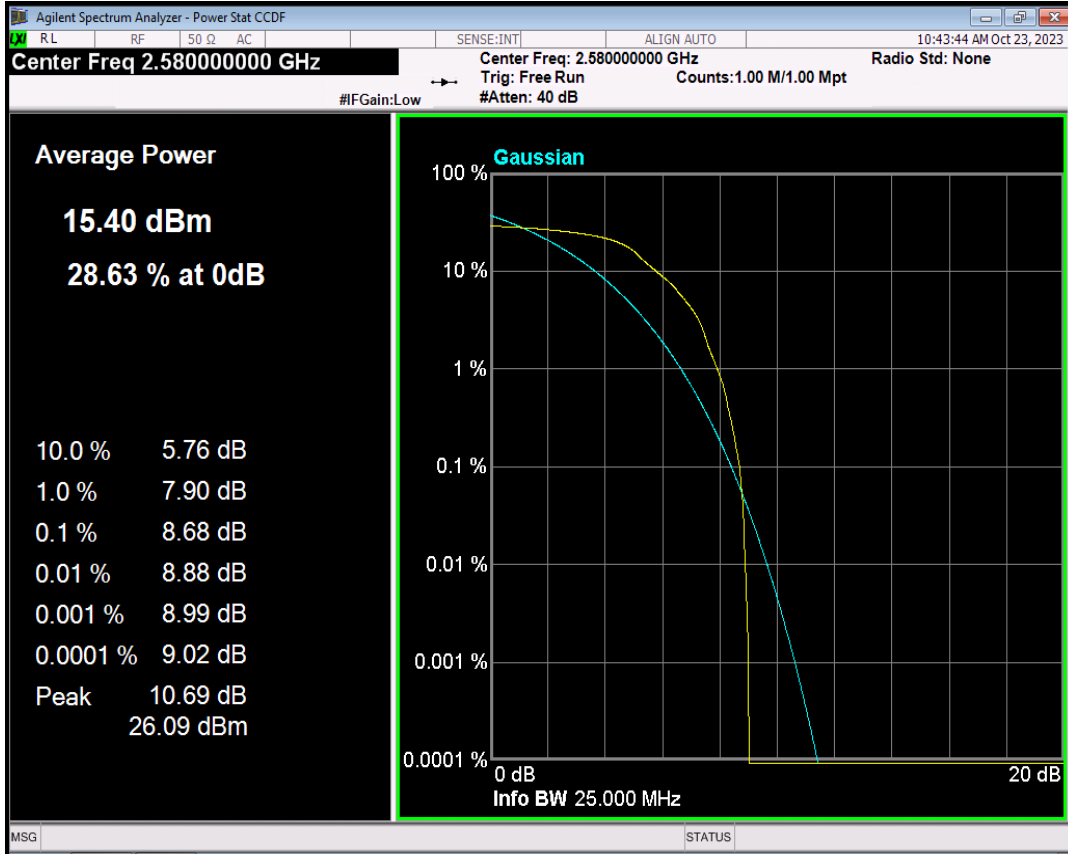
Band38 QPSK BW=15MHz Channel=38175 RB Size=1 Position=#0



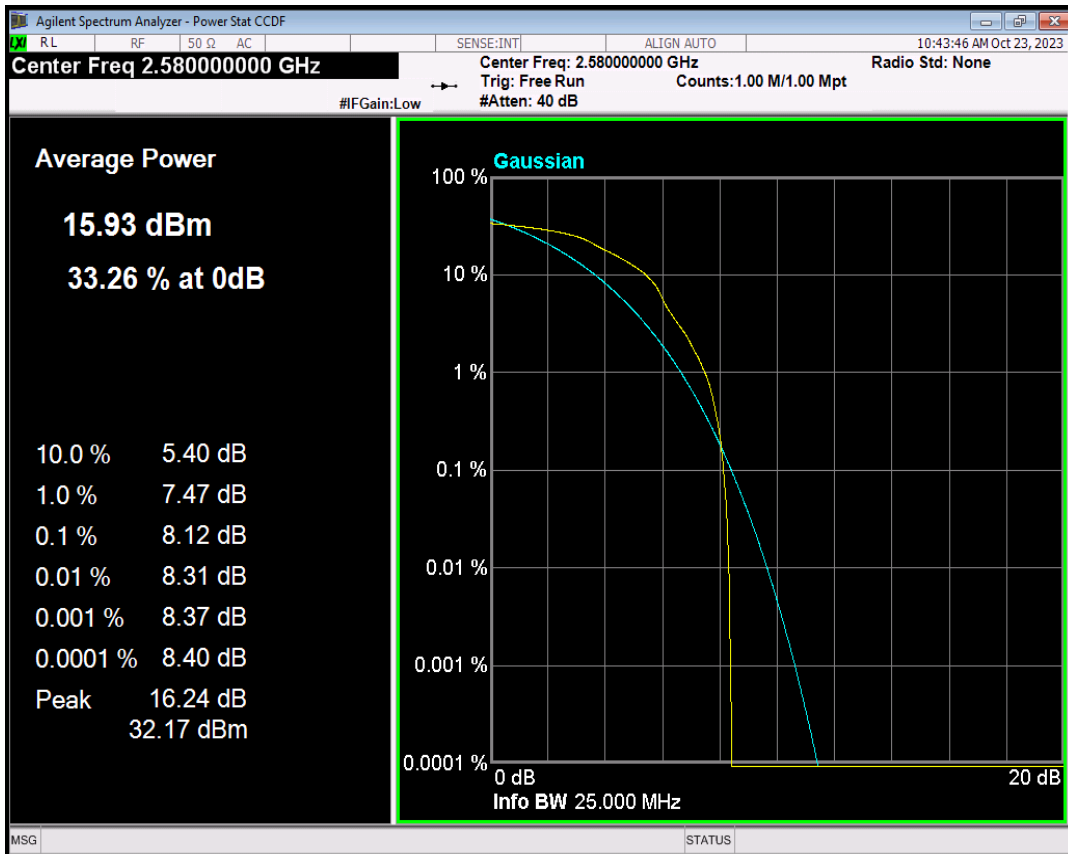
Band38 16QAM BW=15MHz Channel=38175 RB Size=1 Position=#0



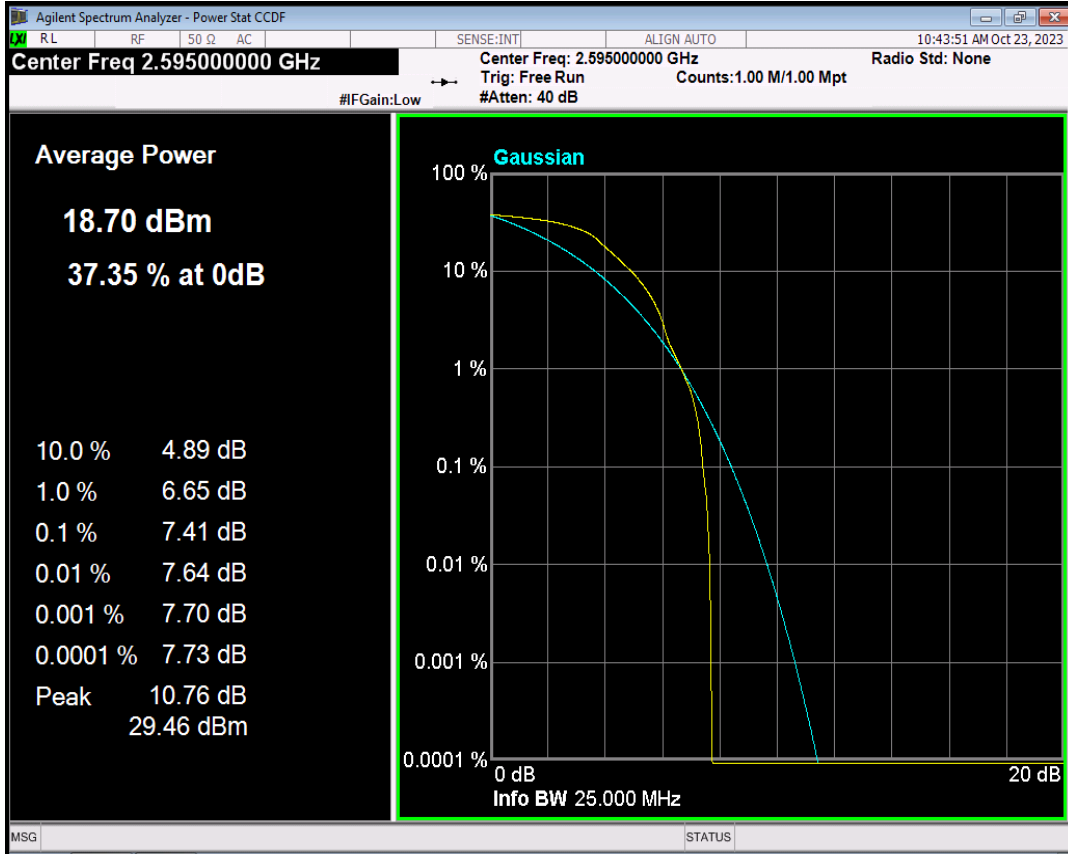
Band38 QPSK BW=20MHz Channel=37850 RB Size=1 Position=#0



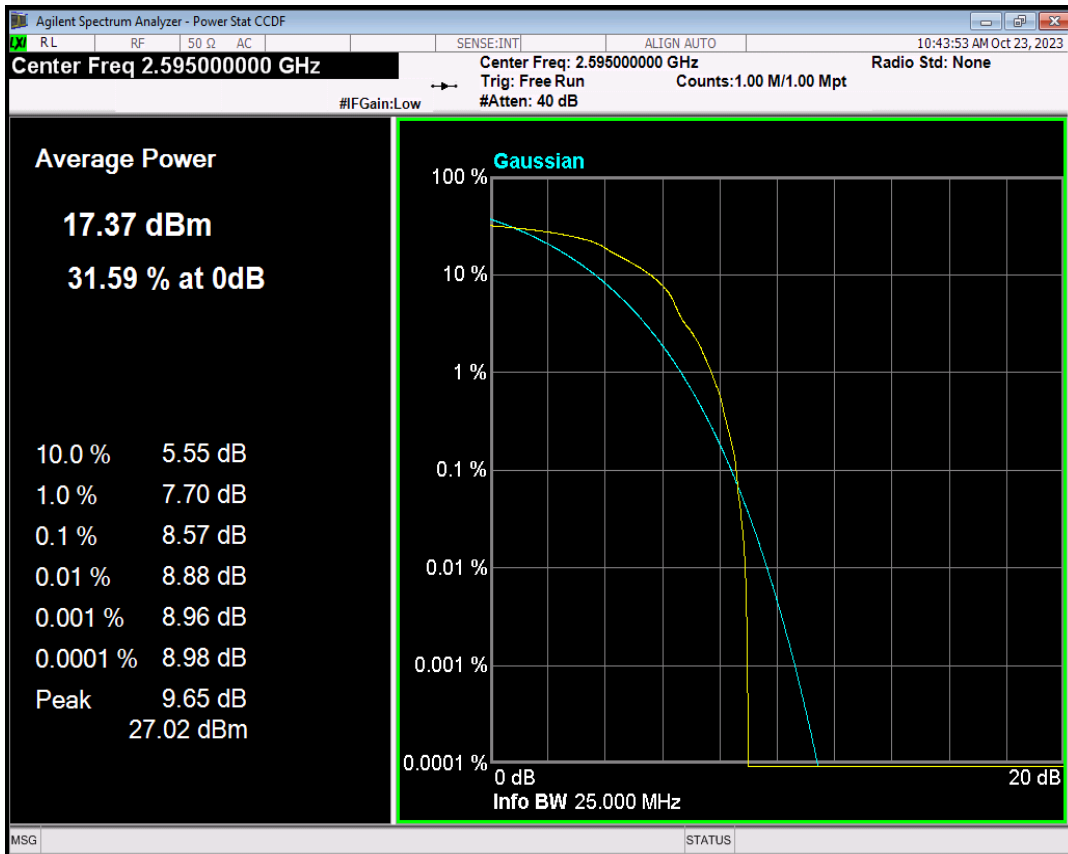
Band38 16QAM BW=20MHz Channel=37850 RB Size=1 Position=#0



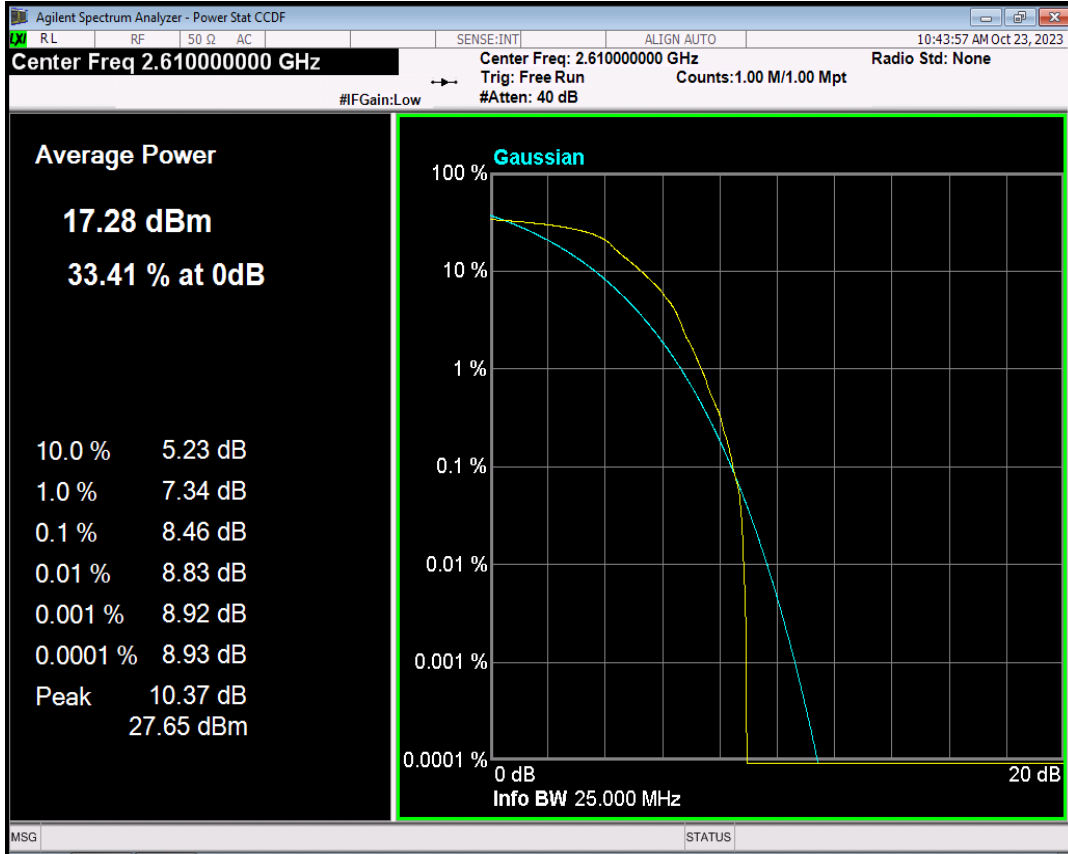
Band38 QPSK BW=20MHz Channel=38000 RB Size=1 Position=#0



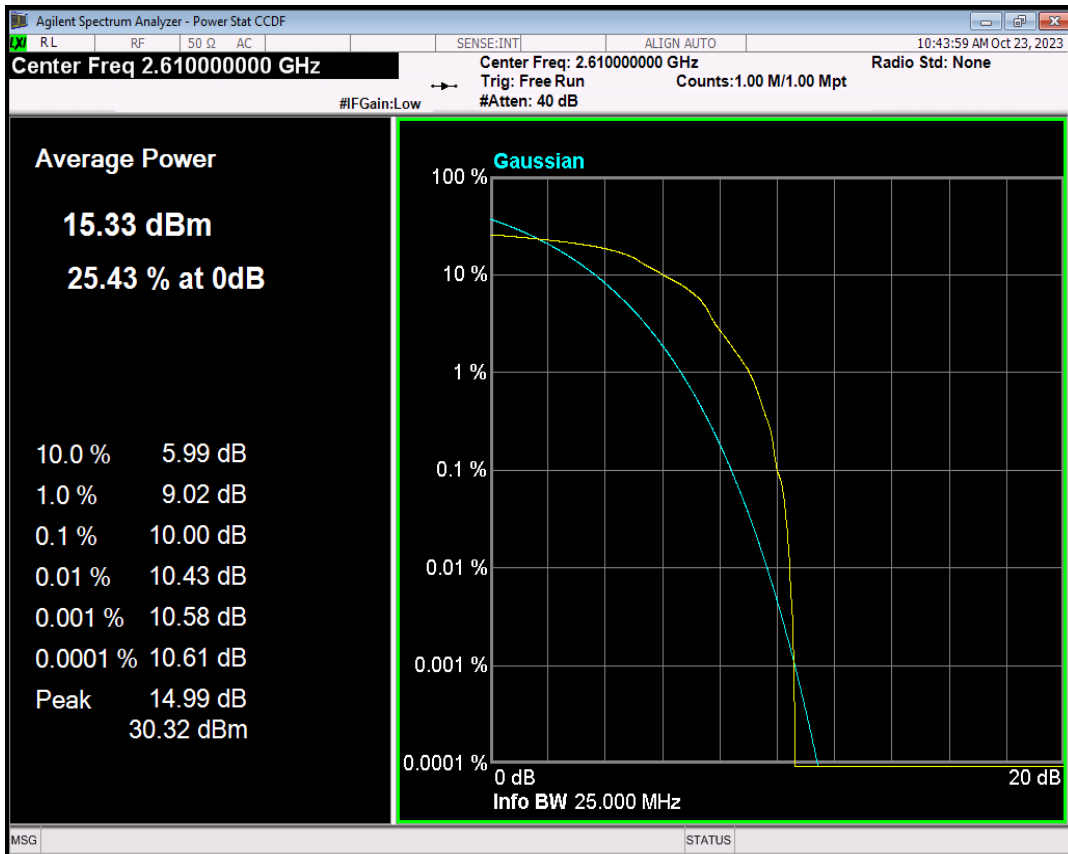
Band38 16QAM BW=20MHz Channel=38000 RB Size=1 Position=#0



Band38 QPSK BW=20MHz Channel=38150 RB Size=1 Position=#0



Band38 16QAM BW=20MHz Channel=38150 RB Size=1 Position=#0

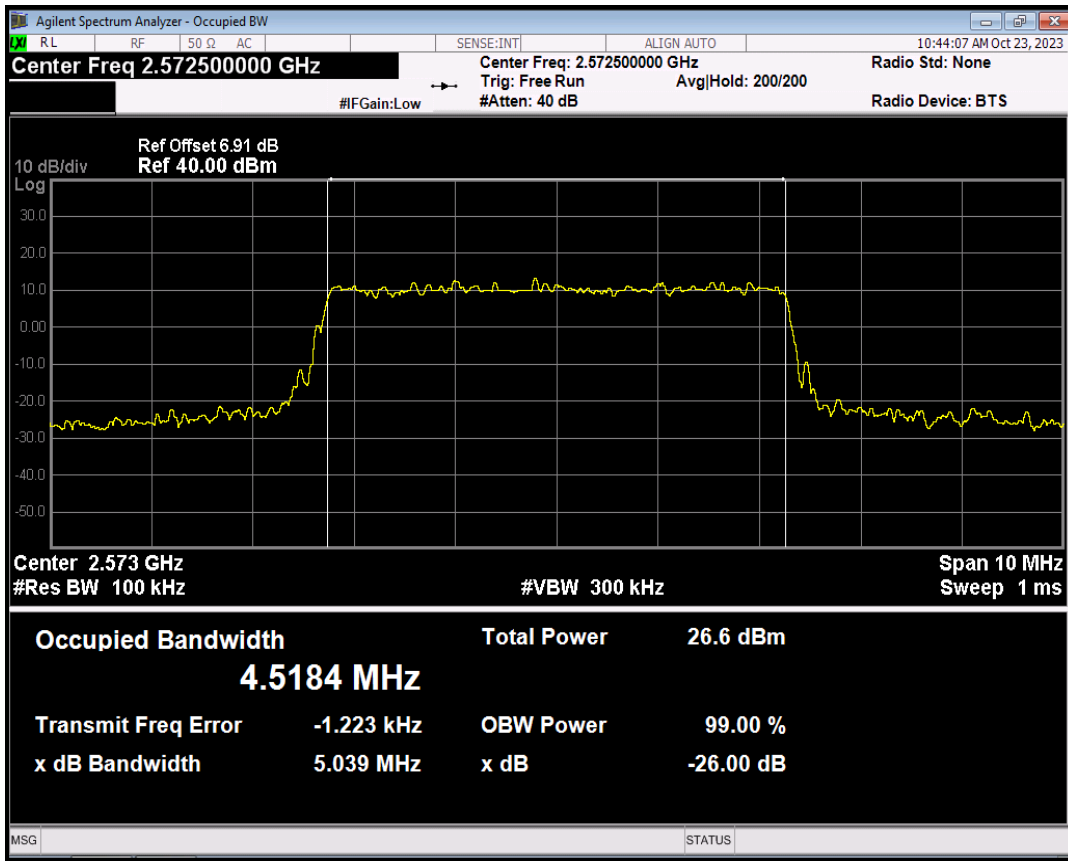


Appendix 4. Occupied bandwidth

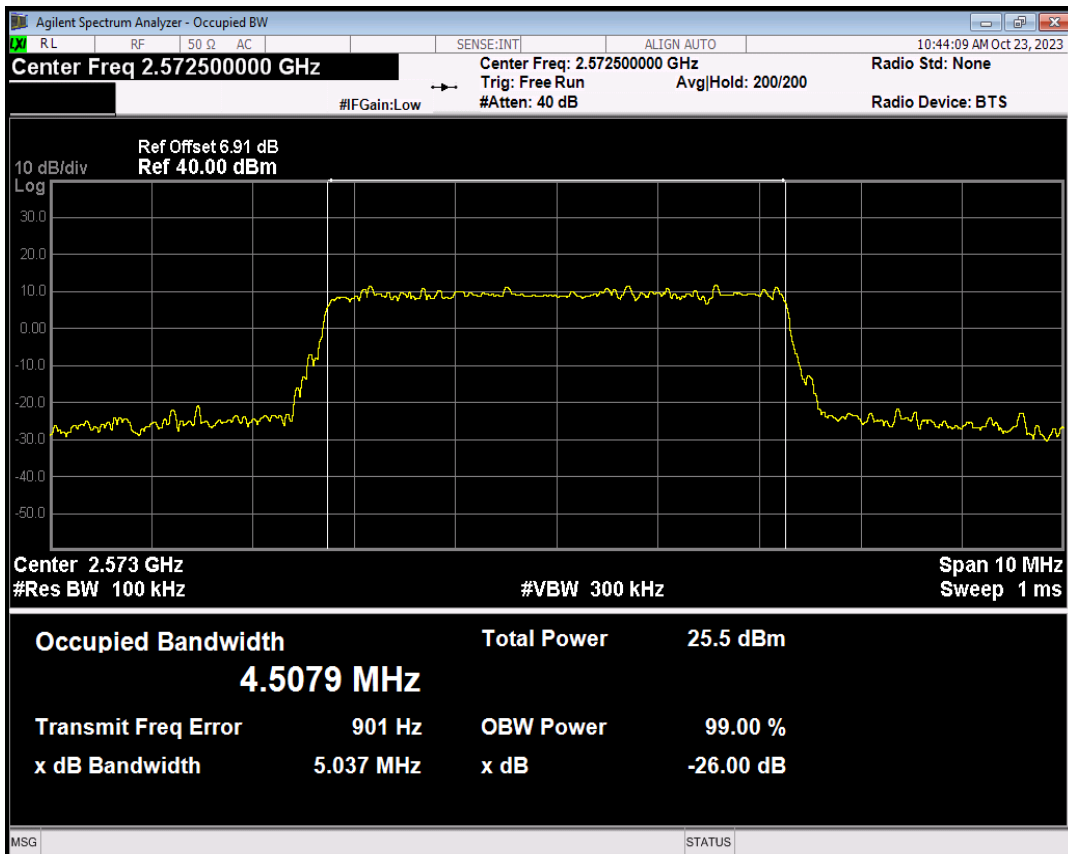
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band38	5	37775	25	#0	QPSK	4.518	5.039	PASS
Band38	5	37775	25	#0	16QAM	4.508	5.037	PASS
Band38	5	38000	25	#0	QPSK	4.524	4.943	PASS
Band38	5	38000	25	#0	16QAM	4.513	4.958	PASS
Band38	5	38225	25	#0	QPSK	4.515	4.921	PASS
Band38	5	38225	25	#0	16QAM	4.523	4.996	PASS
Band38	10	37800	50	#0	QPSK	8.993	9.705	PASS
Band38	10	37800	50	#0	16QAM	8.977	9.803	PASS
Band38	10	38000	50	#0	QPSK	8.977	9.787	PASS
Band38	10	38000	50	#0	16QAM	8.983	9.685	PASS
Band38	10	38200	50	#0	QPSK	9.009	9.652	PASS
Band38	10	38200	50	#0	16QAM	8.983	9.889	PASS
Band38	15	37825	75	#0	QPSK	13.481	14.575	PASS
Band38	15	37825	75	#0	16QAM	13.432	14.767	PASS
Band38	15	38000	75	#0	QPSK	13.467	14.607	PASS
Band38	15	38000	75	#0	16QAM	13.534	14.686	PASS
Band38	15	38175	75	#0	QPSK	13.371	14.446	PASS
Band38	15	38175	75	#0	16QAM	13.496	14.626	PASS
Band38	20	37850	100	#0	QPSK	17.927	19.505	PASS
Band38	20	37850	100	#0	16QAM	17.954	19.314	PASS
Band38	20	38000	100	#0	QPSK	18.014	19.468	PASS
Band38	20	38000	100	#0	16QAM	17.997	19.455	PASS
Band38	20	38150	100	#0	QPSK	17.857	19.216	PASS
Band38	20	38150	100	#0	16QAM	17.881	19.255	PASS



Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0

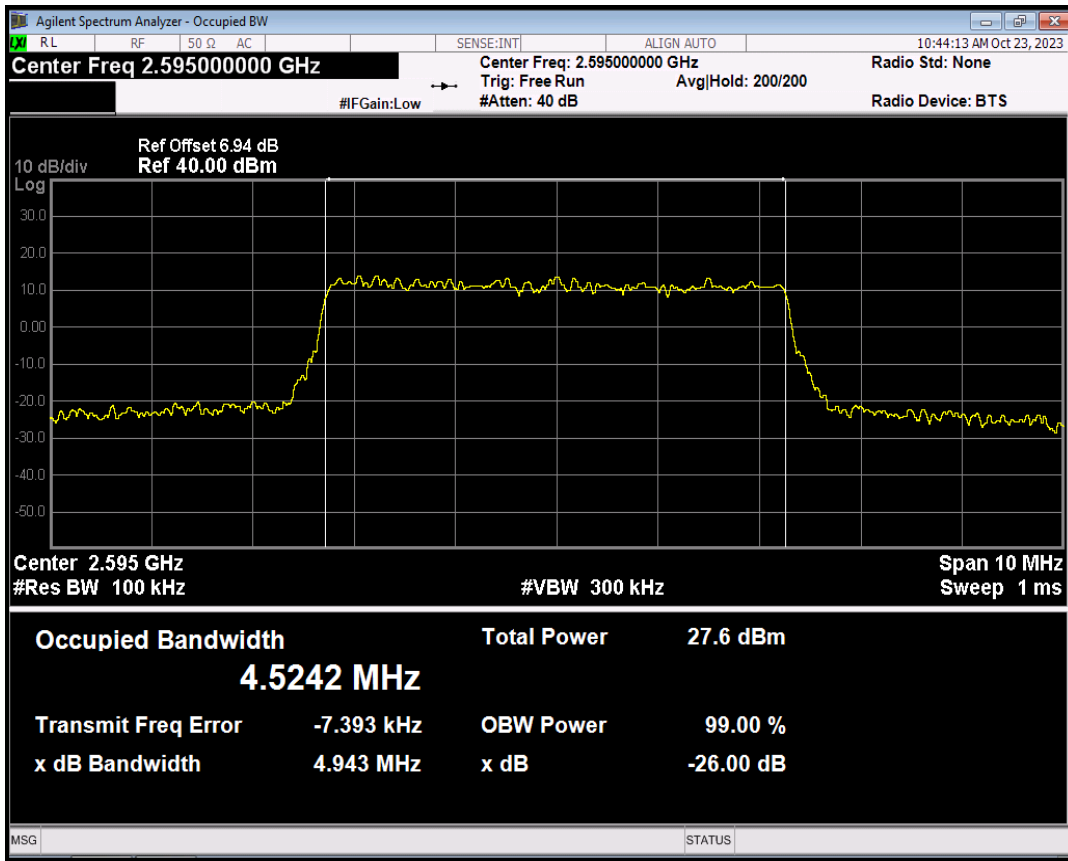


Band38 16QAM BW=5MHz Channel=37775 RB Size=25 Position=#0

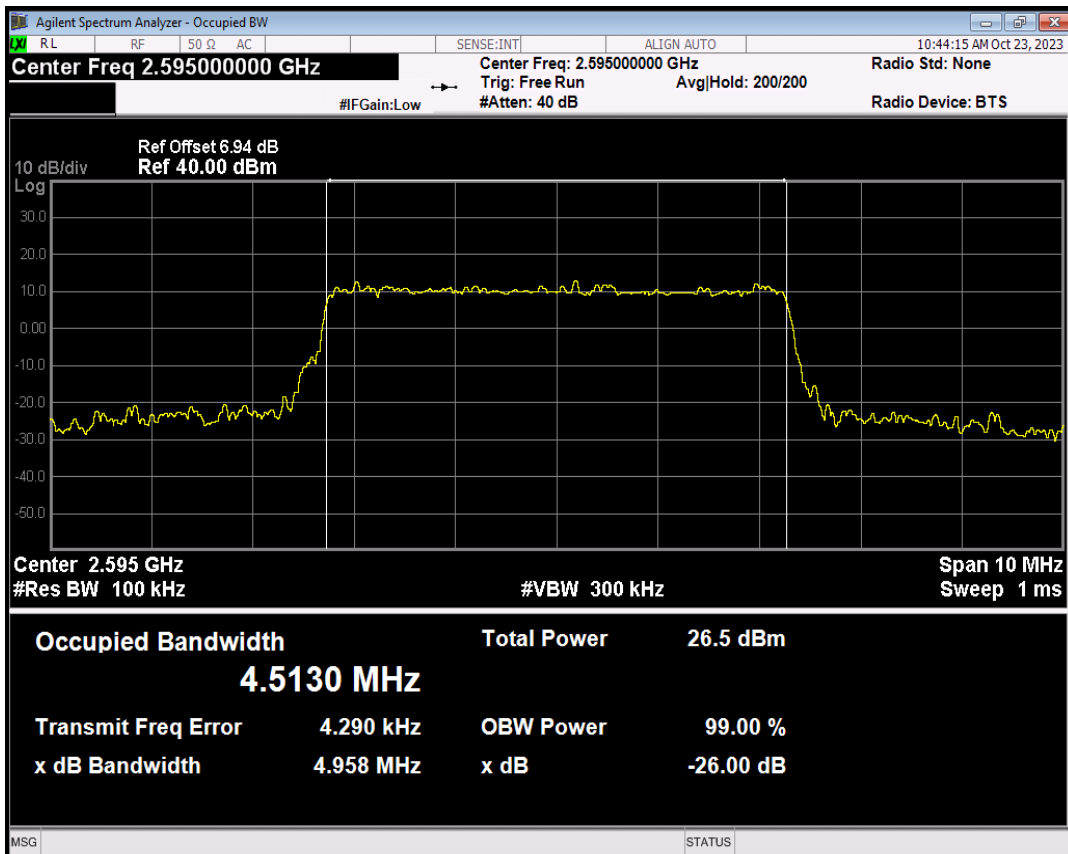




Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0

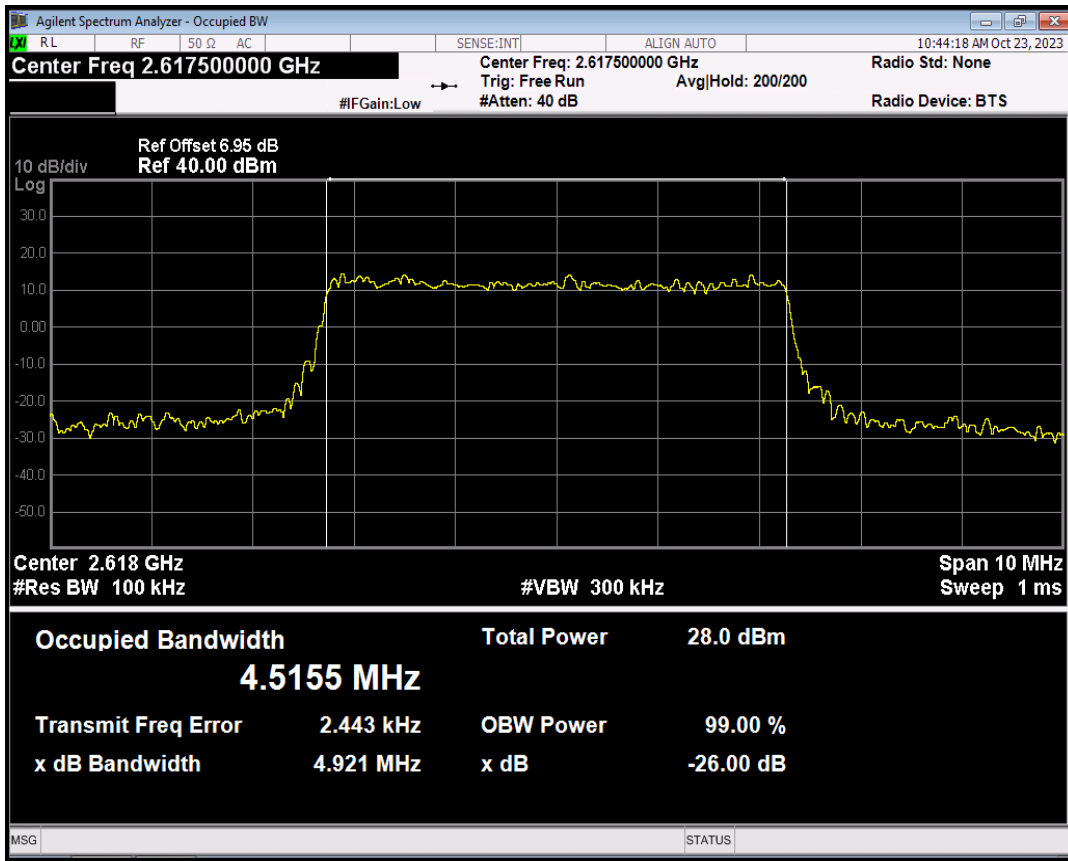


Band38 16QAM BW=5MHz Channel=38000 RB Size=25 Position=#0

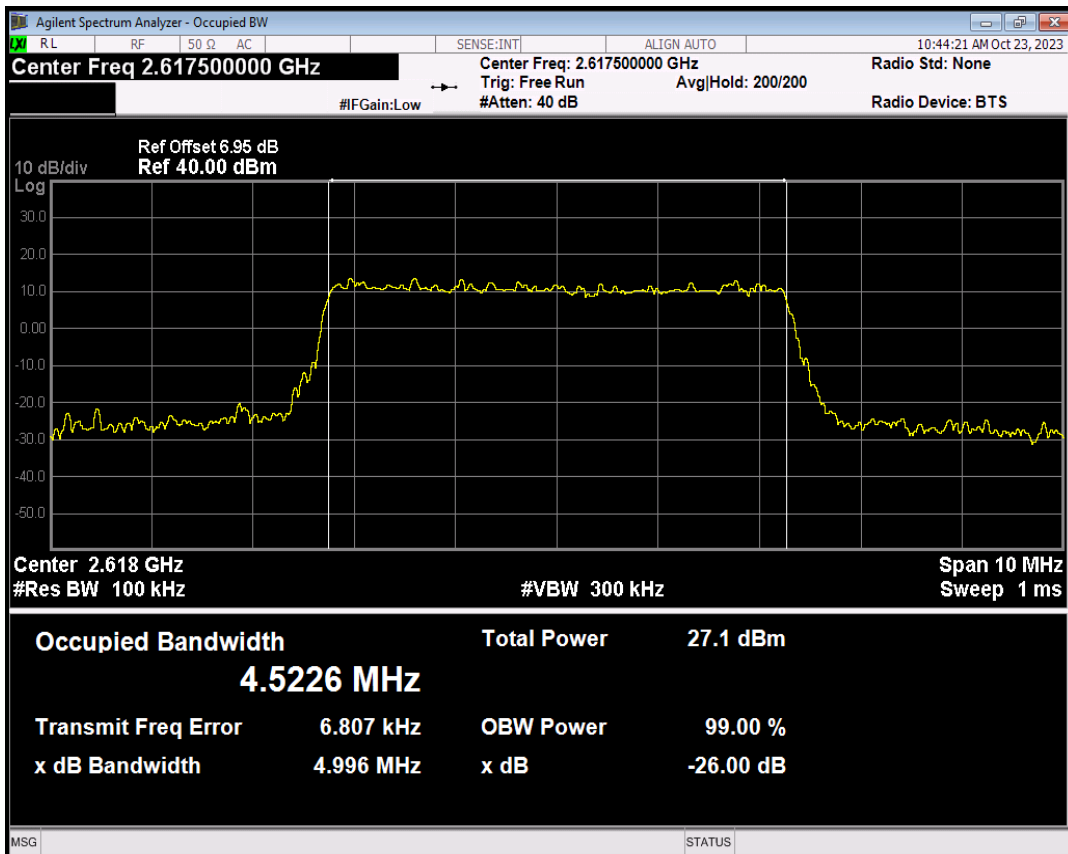




Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0

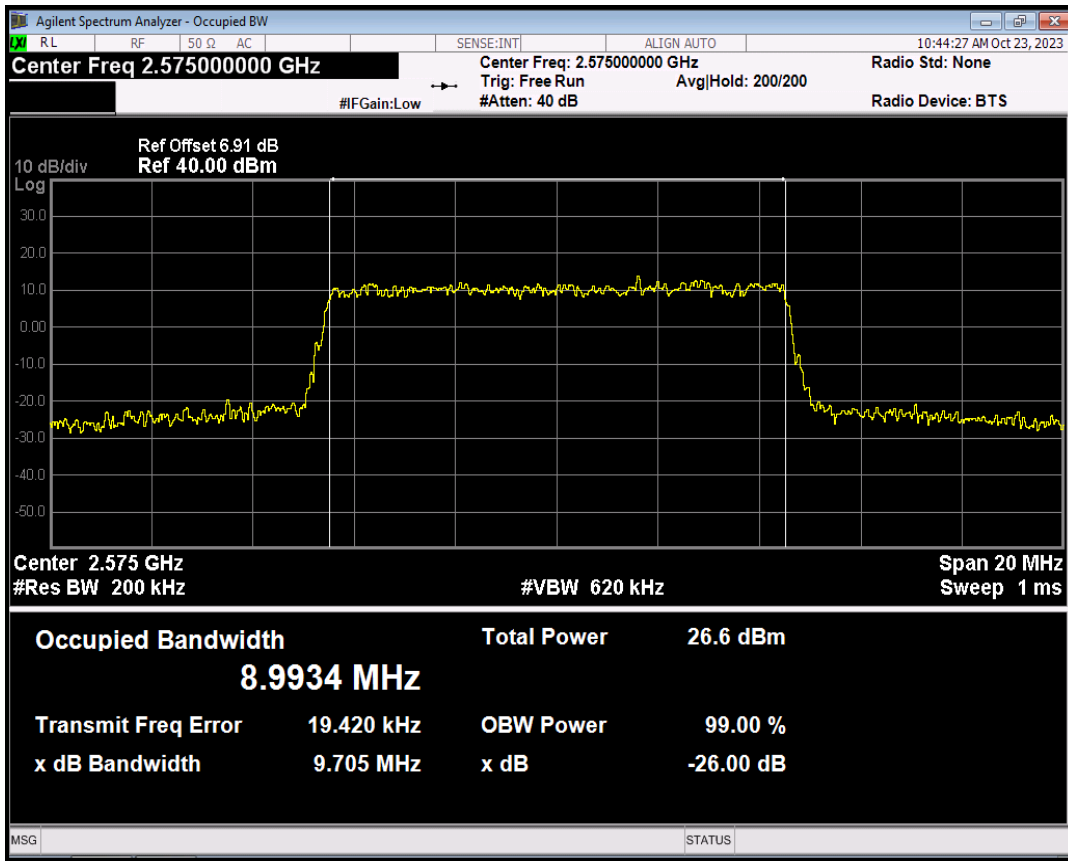


Band38 16QAM BW=5MHz Channel=38225 RB Size=25 Position=#0

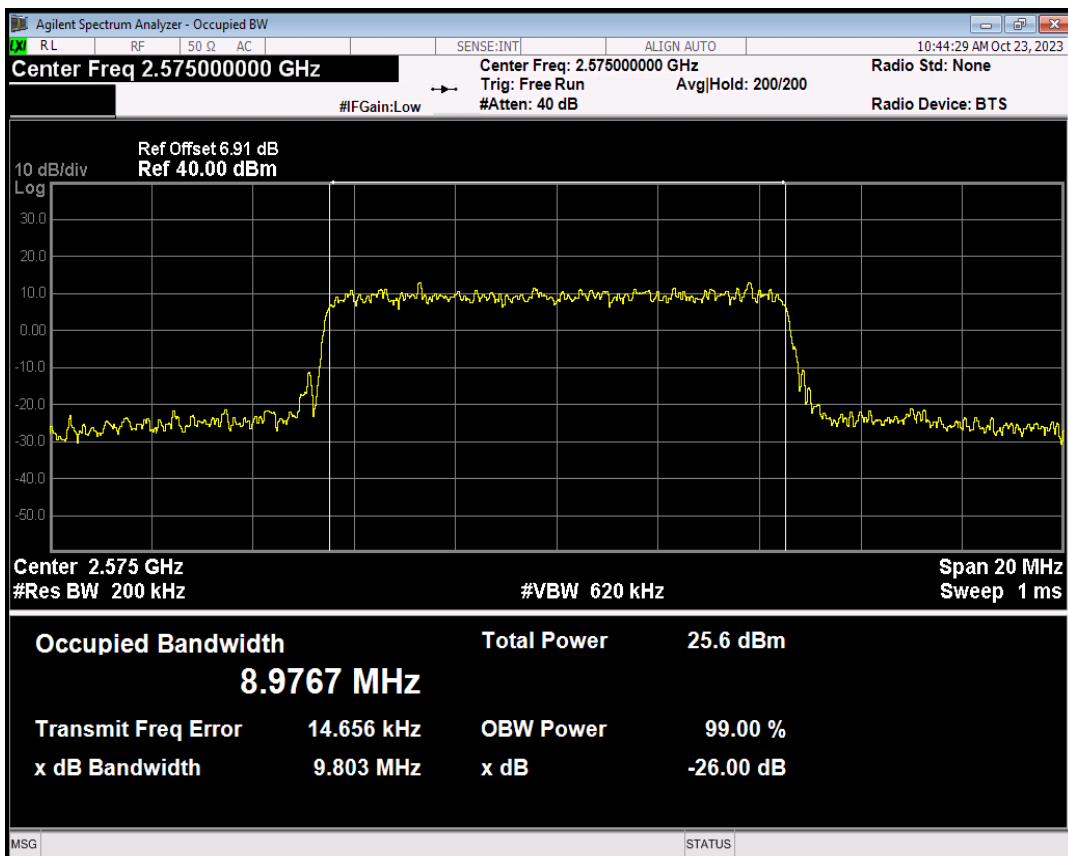




Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0

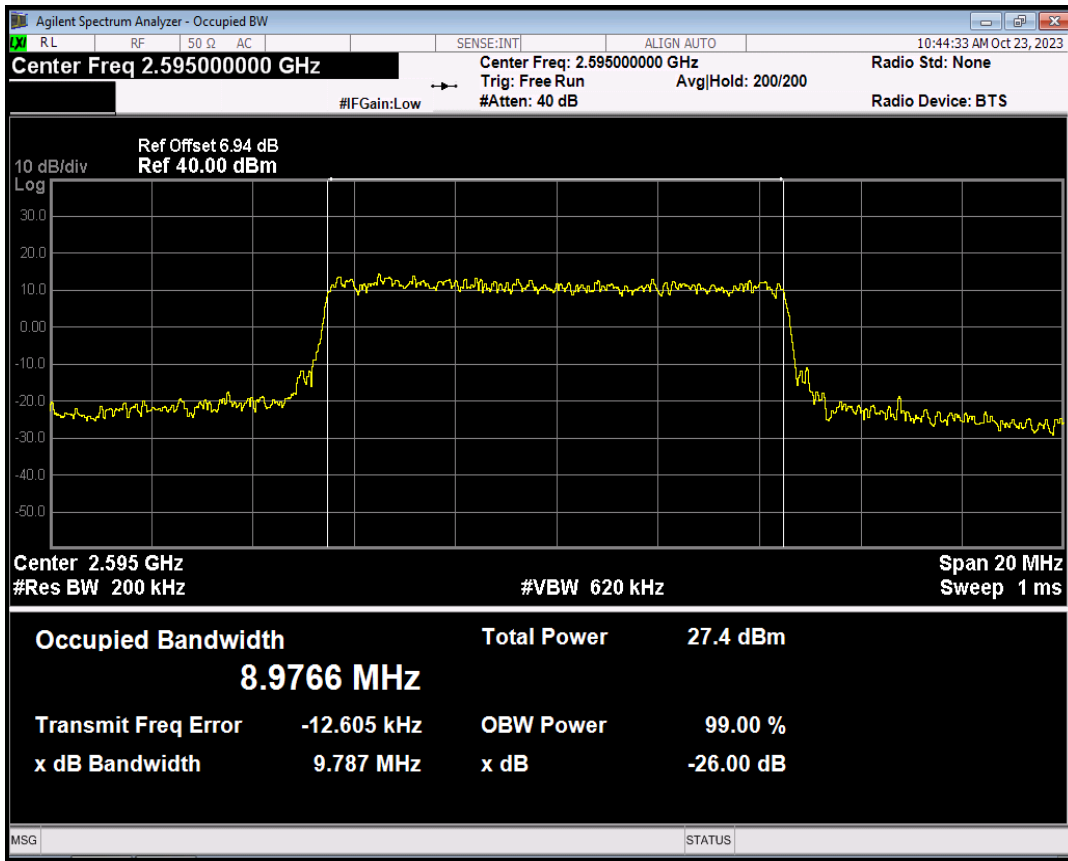


Band38 16QAM BW=10MHz Channel=37800 RB Size=50 Position=#0

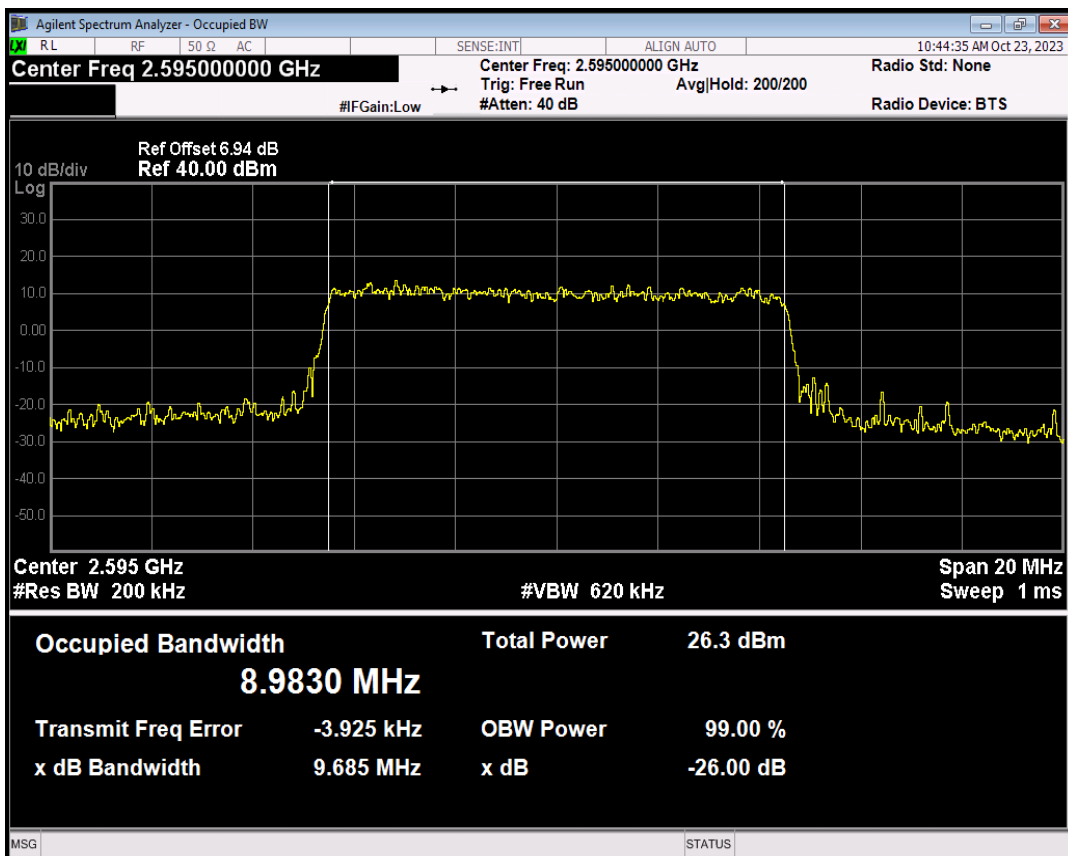




Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0

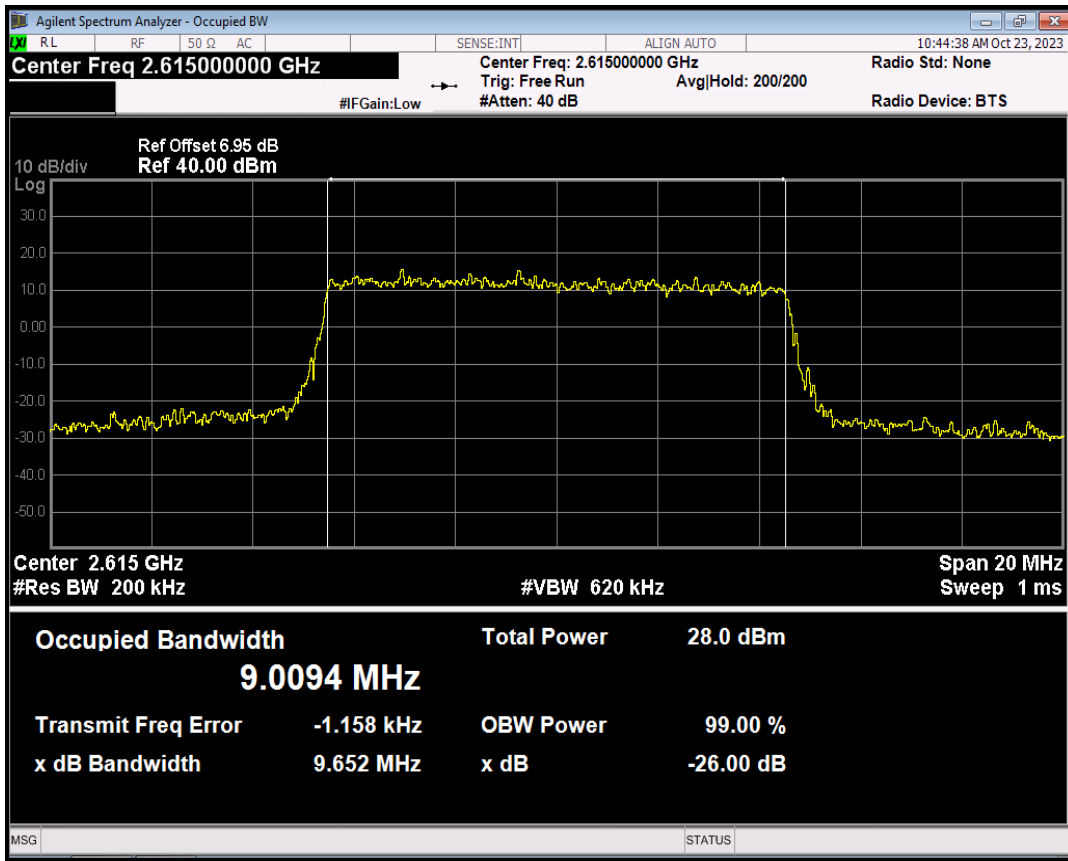


Band38 16QAM BW=10MHz Channel=38000 RB Size=50 Position=#0

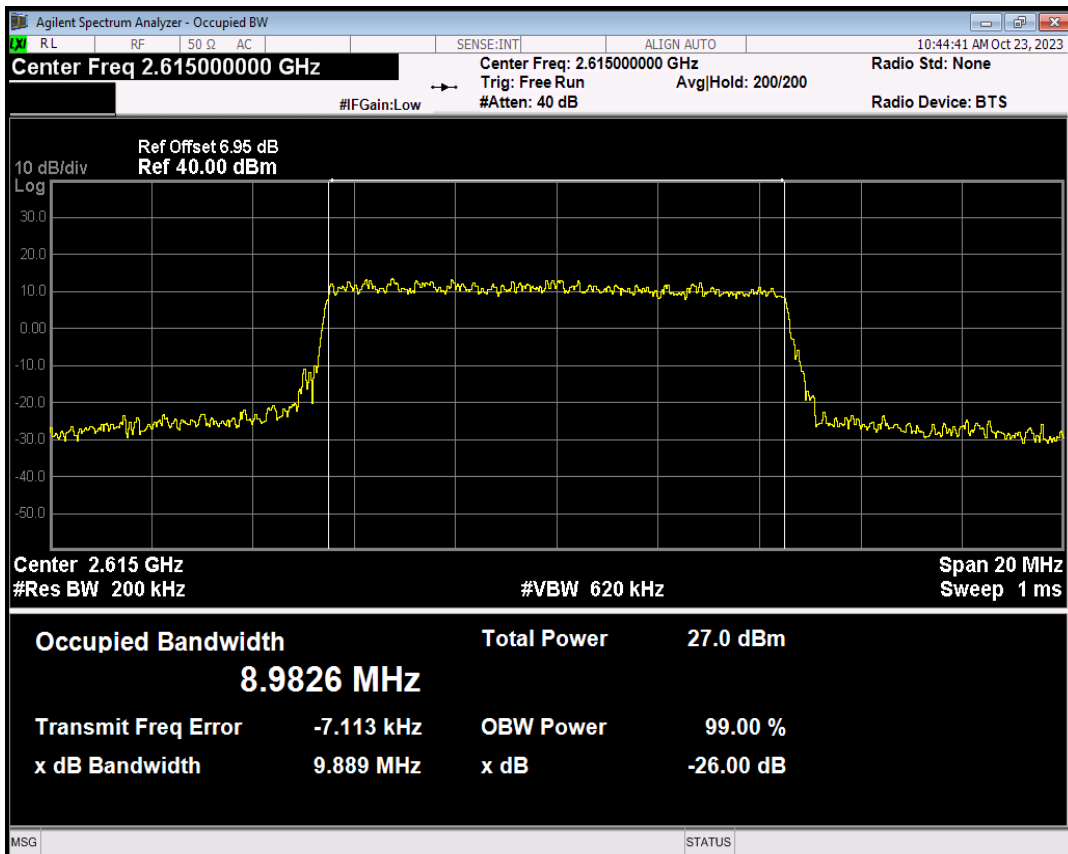




Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0

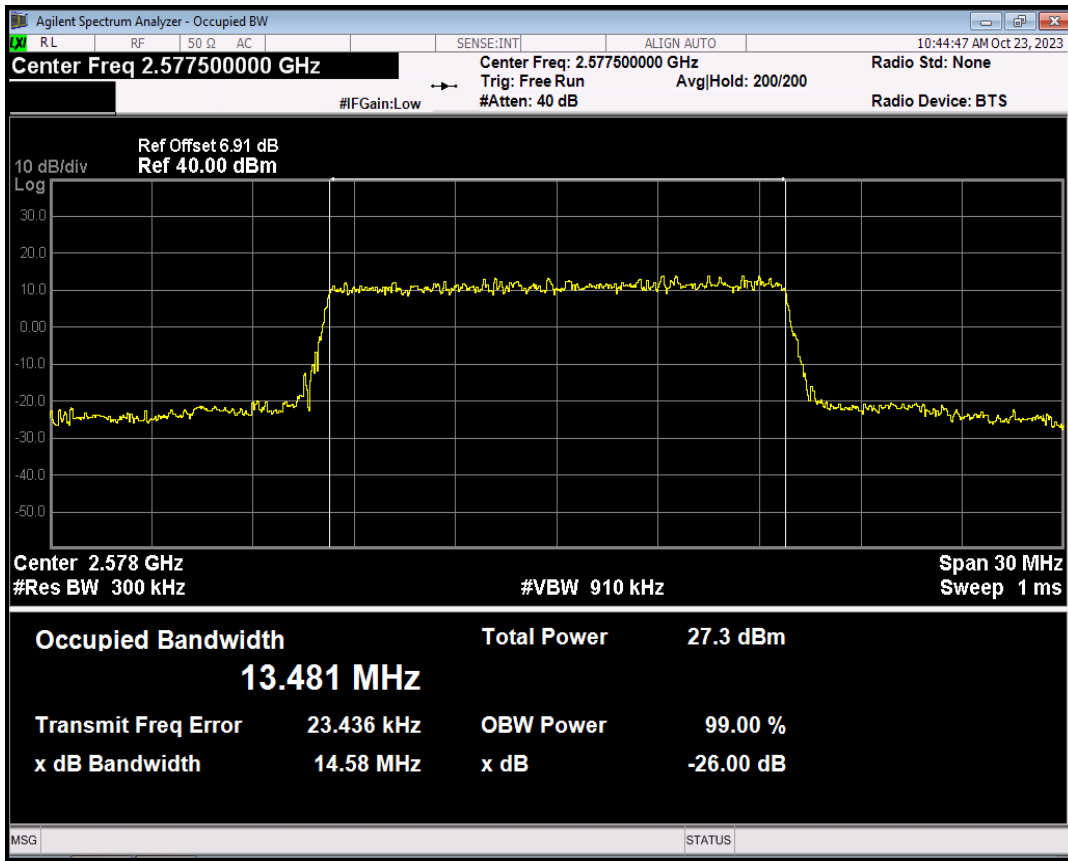


Band38 16QAM BW=10MHz Channel=38200 RB Size=50 Position=#0

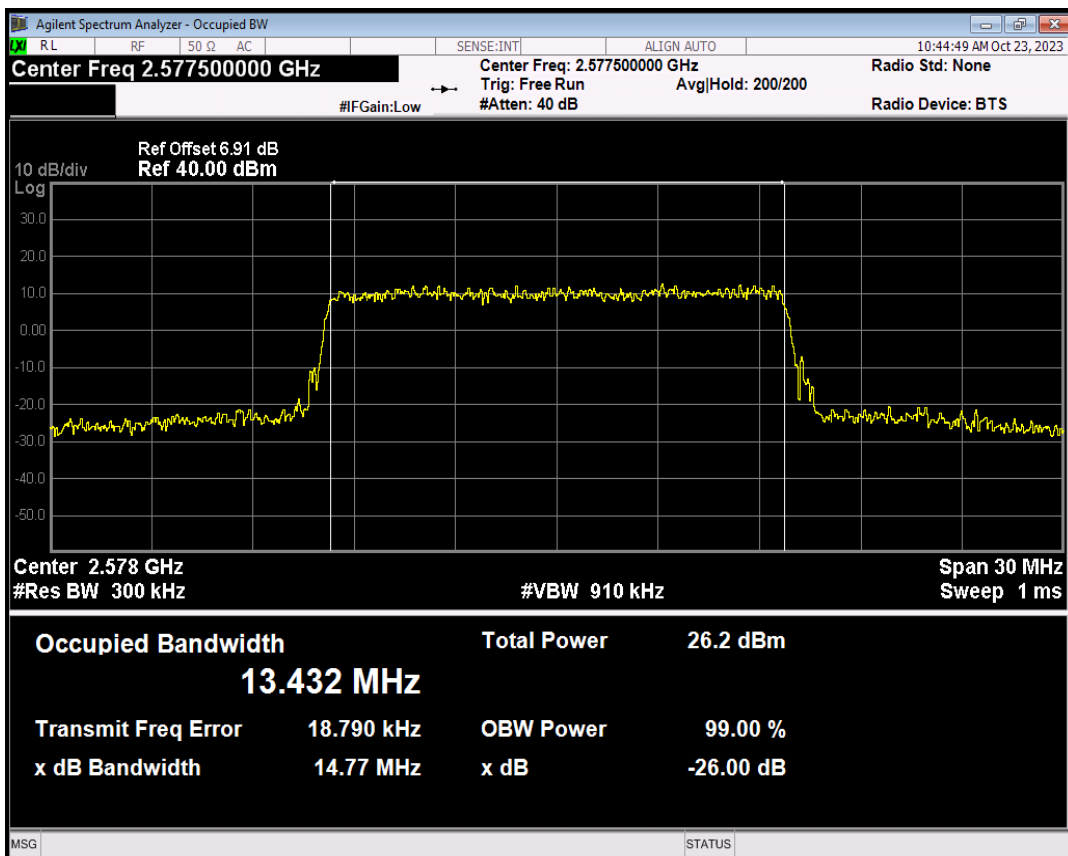




Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0

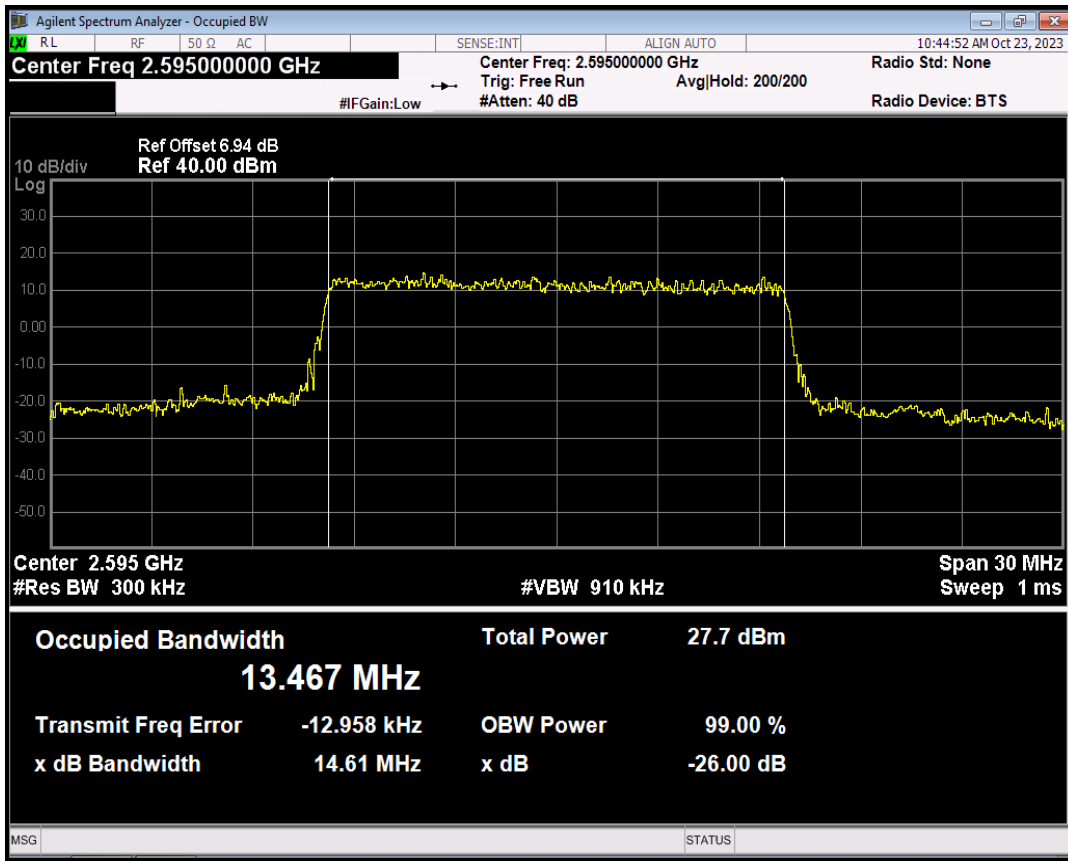


Band38 16QAM BW=15MHz Channel=37825 RB Size=75 Position=#0

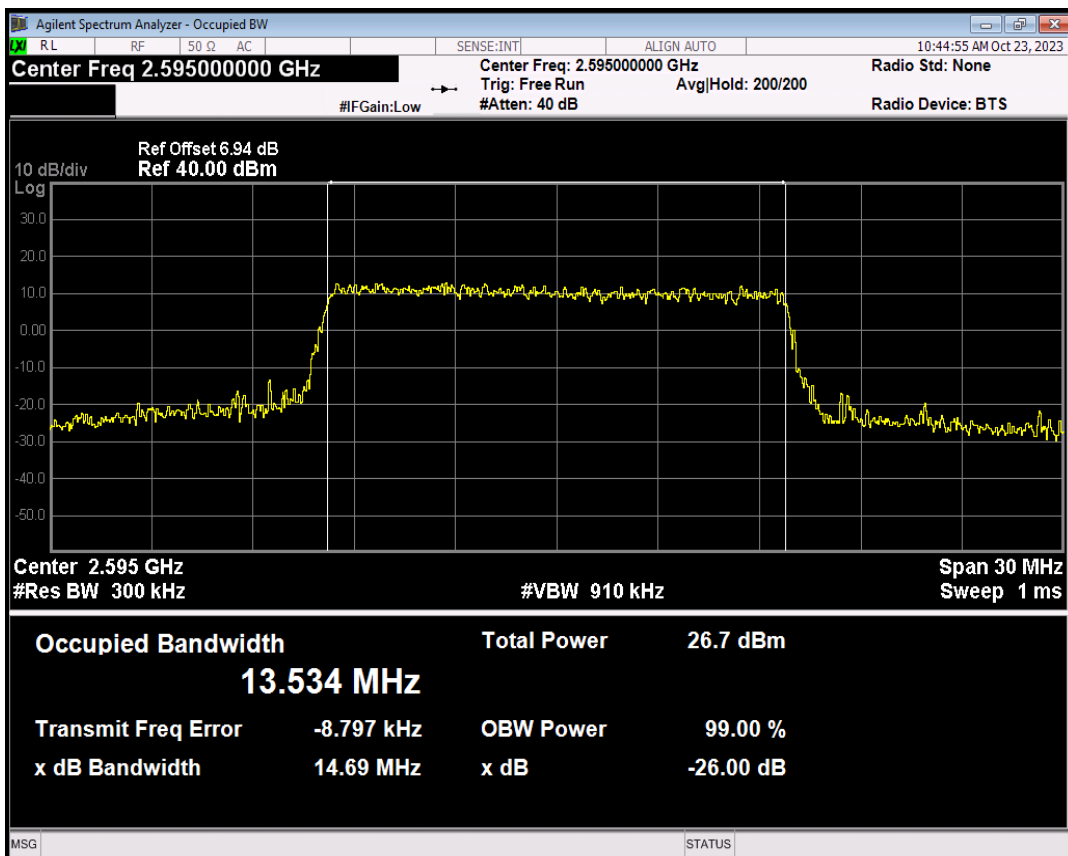




Band38 QPSK BW=15MHz Channel=38000 RB Size=75 Position=#0

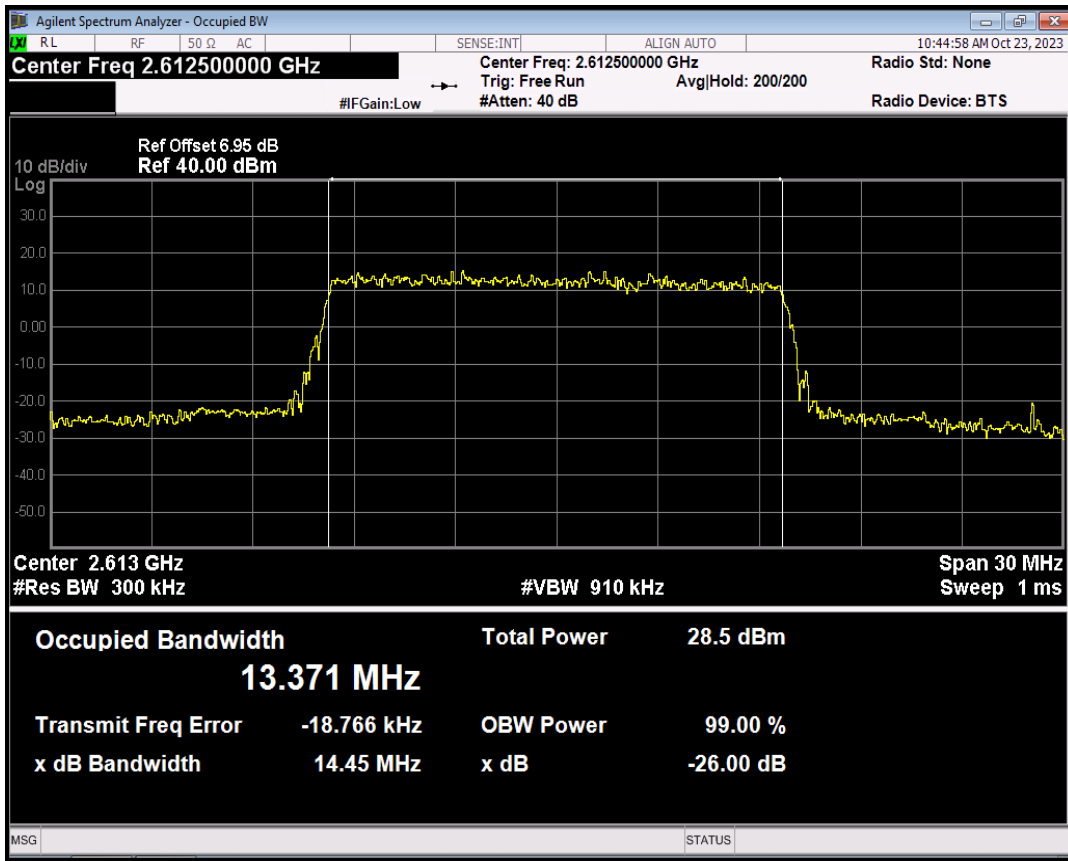


Band38 16QAM BW=15MHz Channel=38000 RB Size=75 Position=#0

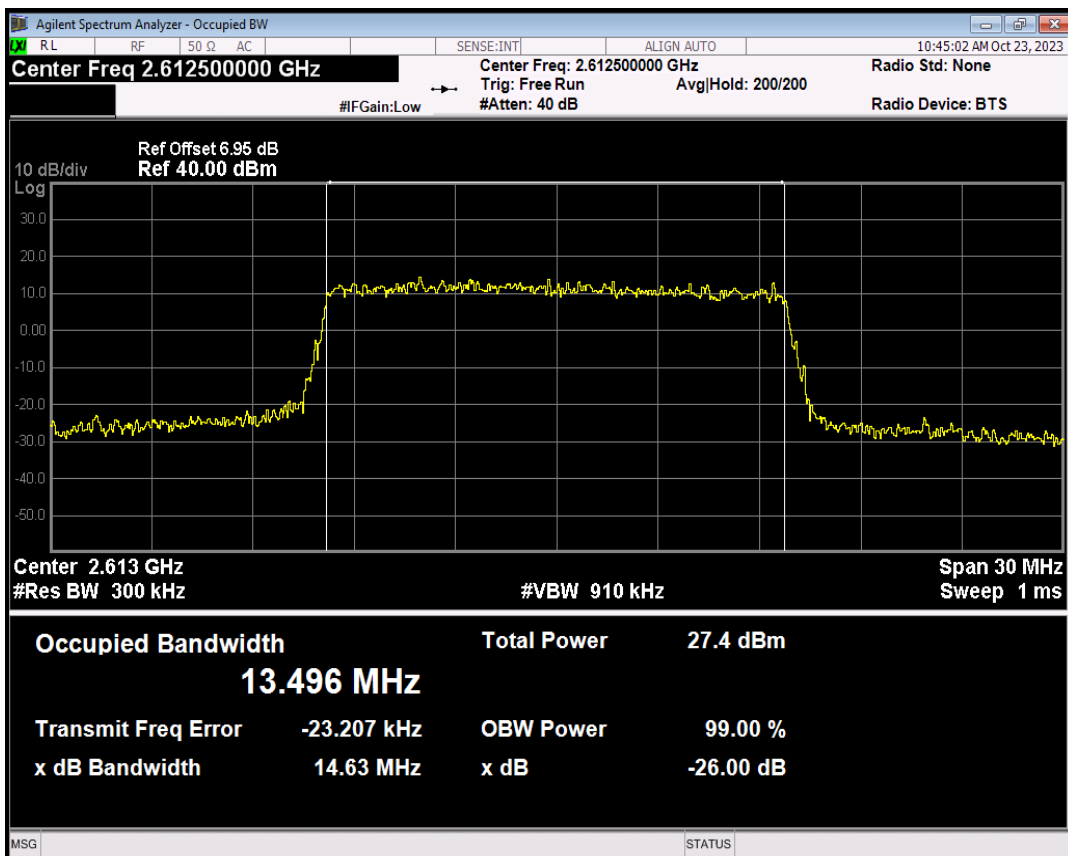




Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0

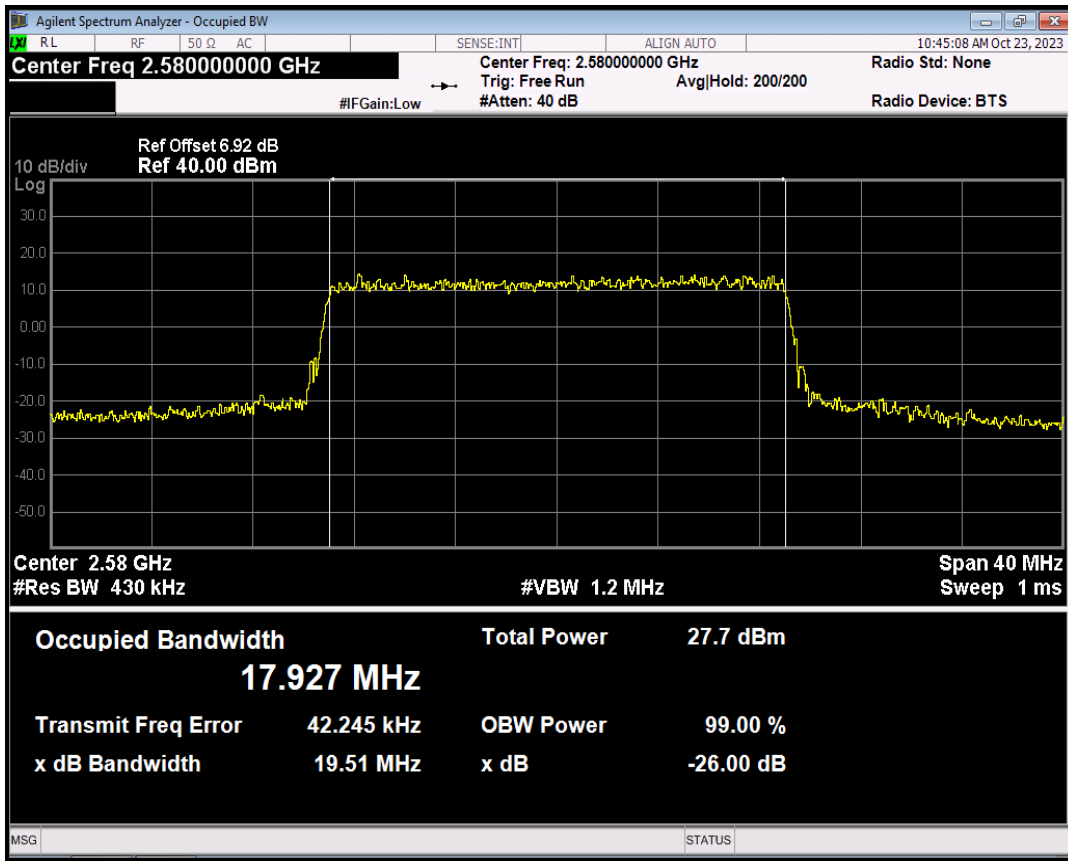


Band38 16QAM BW=15MHz Channel=38175 RB Size=75 Position=#0

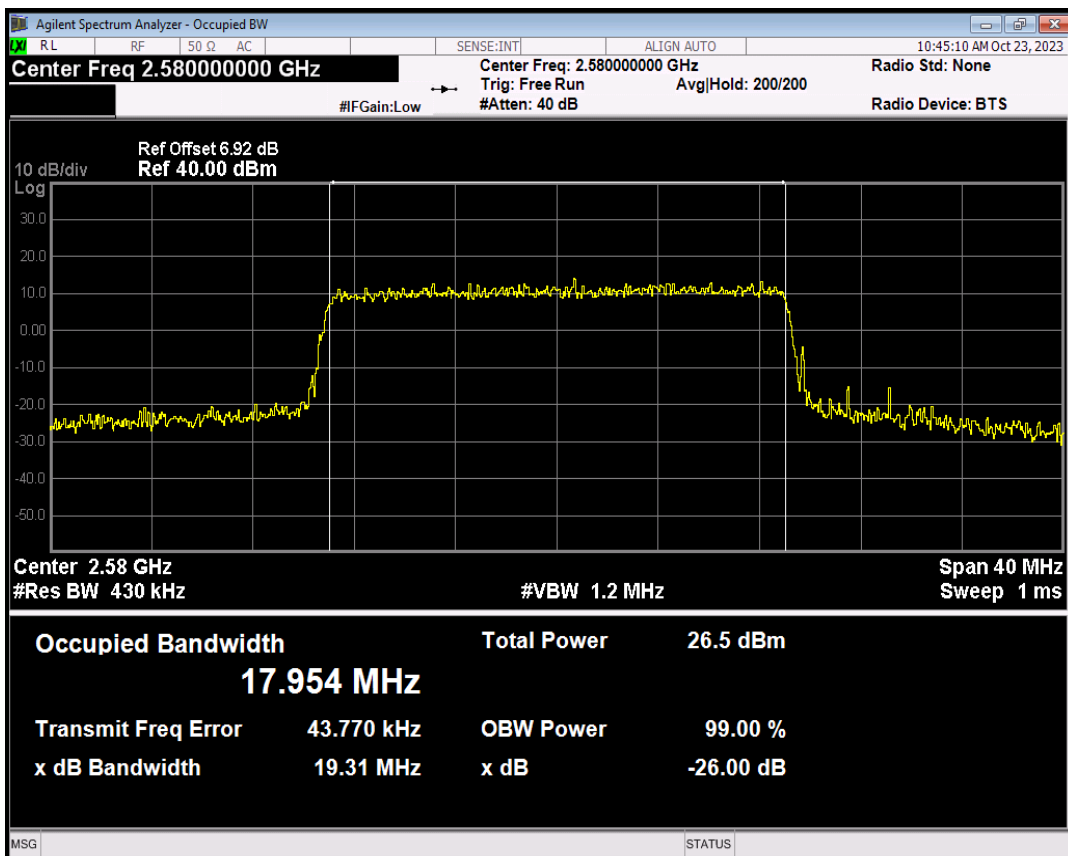




Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0

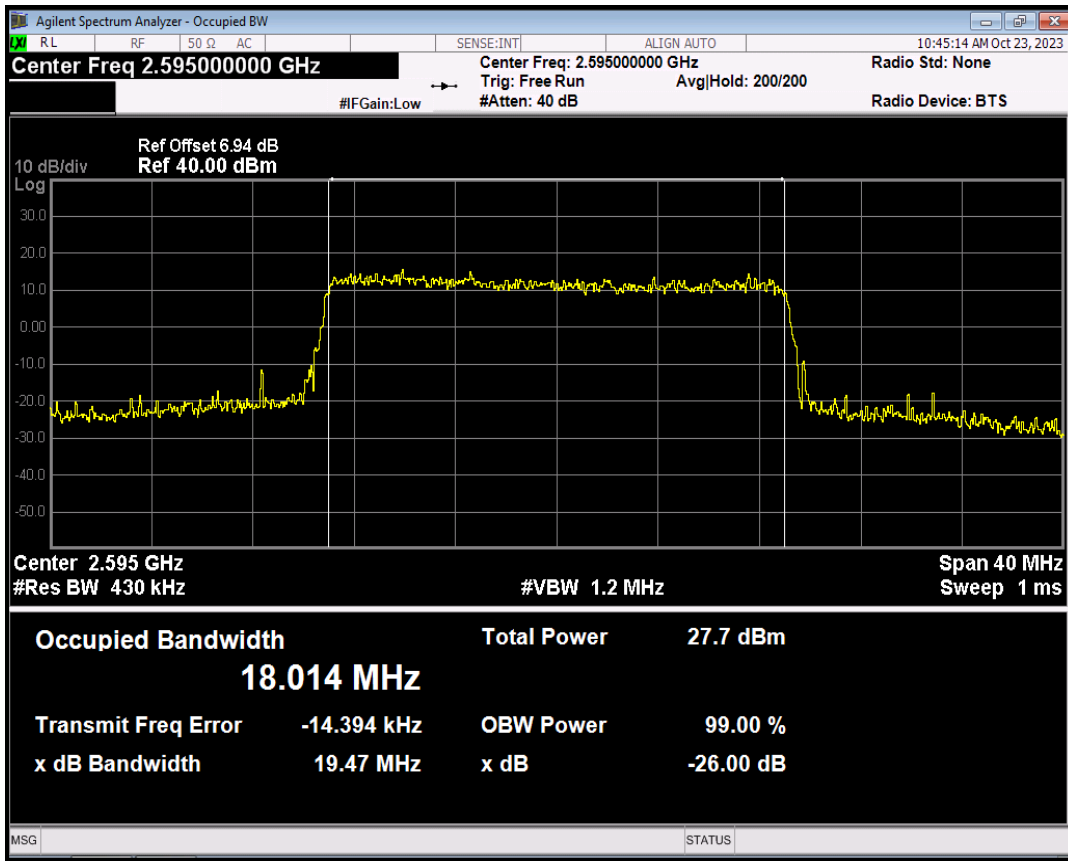


Band38 16QAM BW=20MHz Channel=37850 RB Size=100 Position=#0

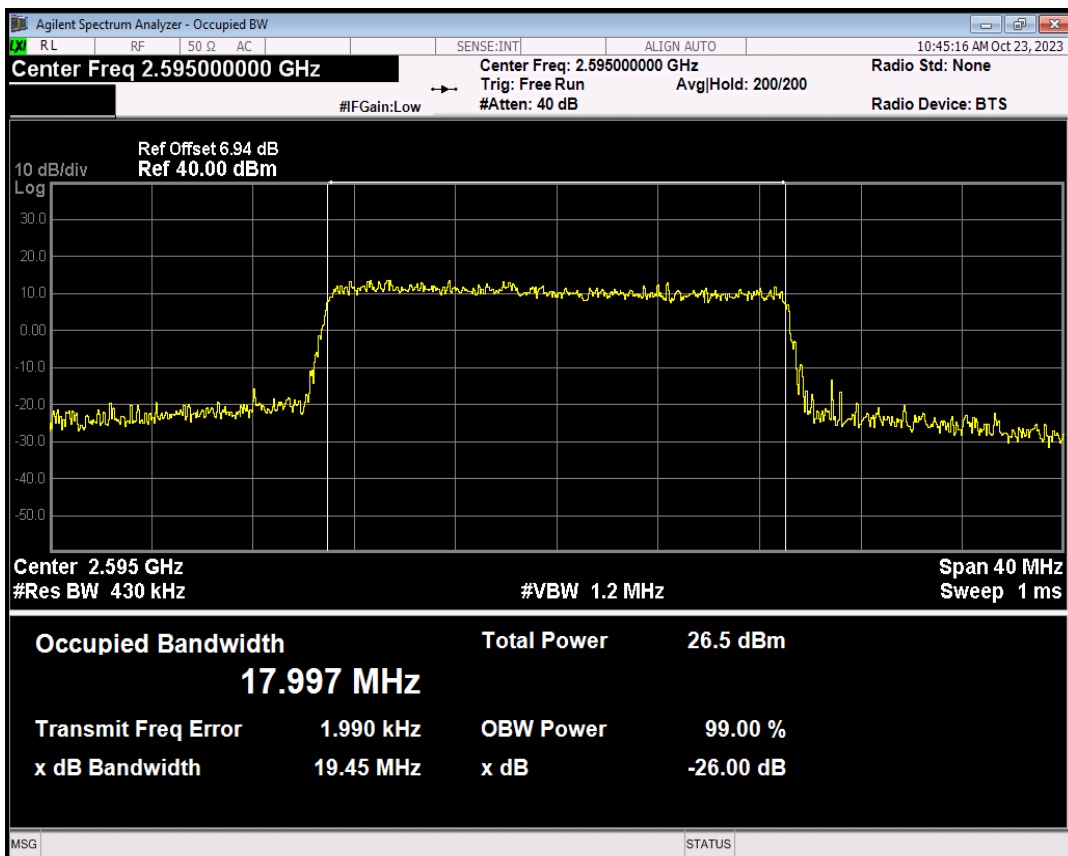




Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0

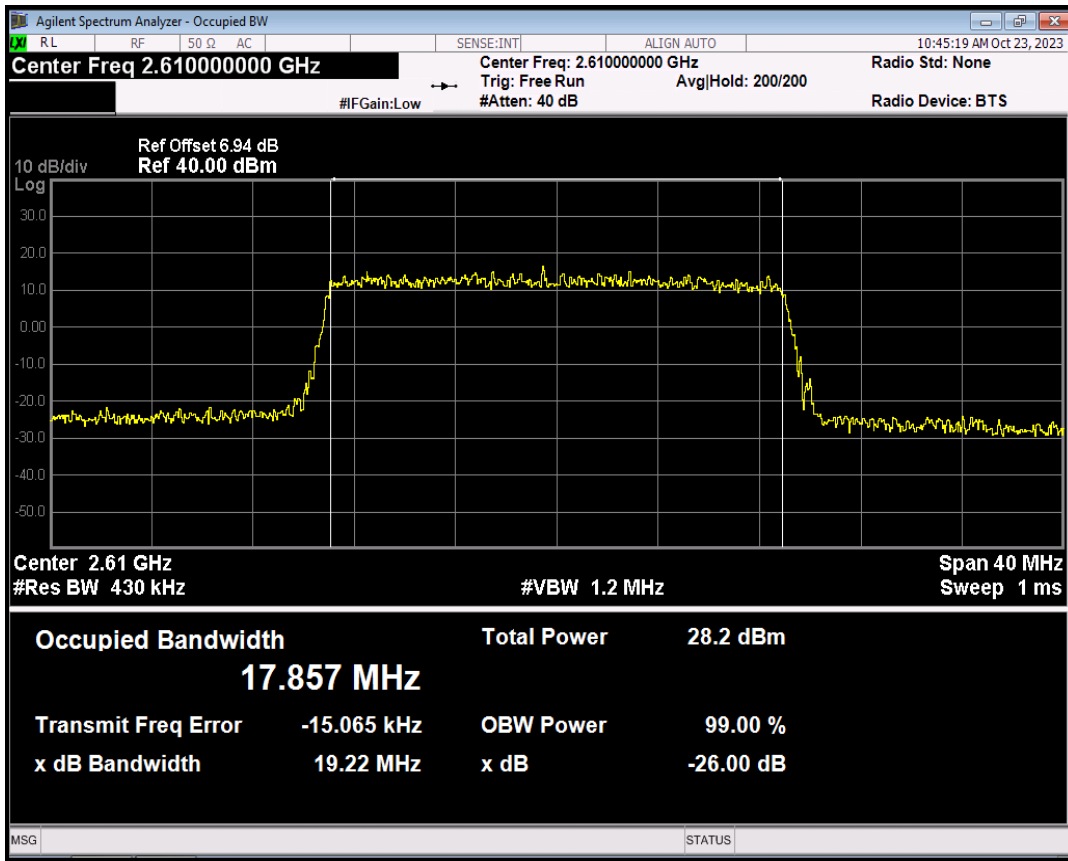


Band38 16QAM BW=20MHz Channel=38000 RB Size=100 Position=#0

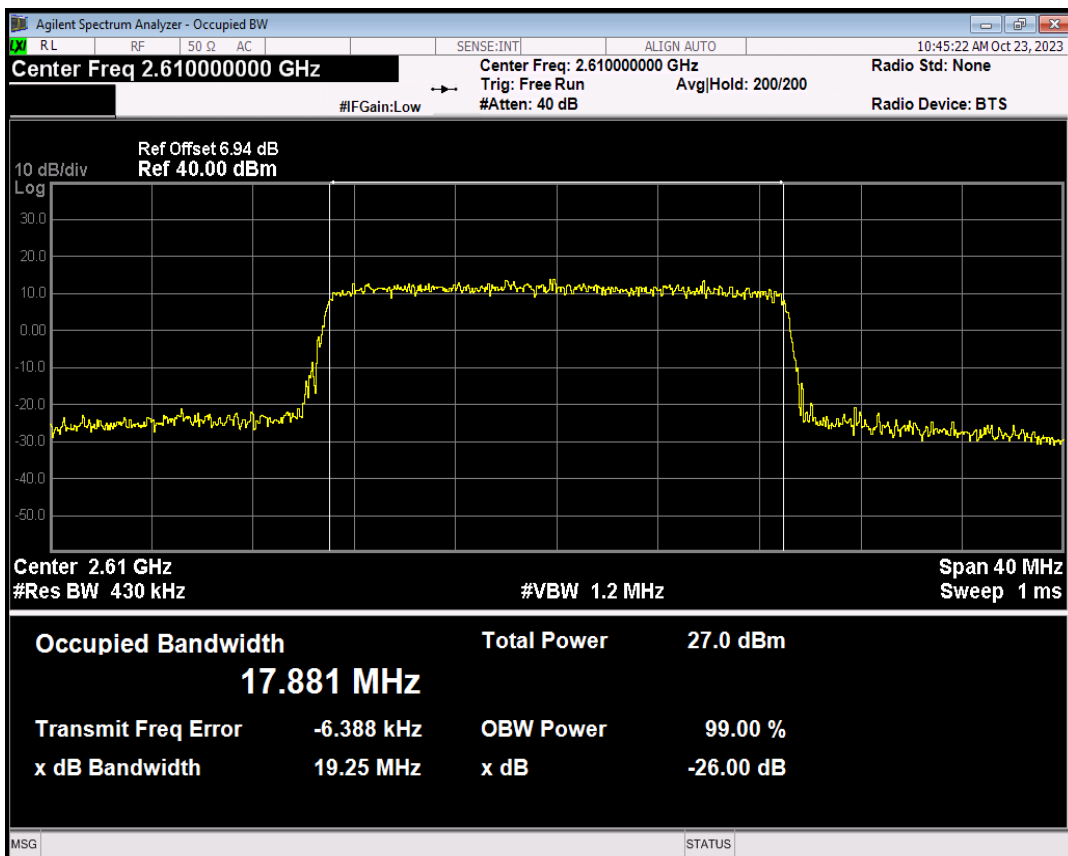




Band38 QPSK BW=20MHz Channel=38150 RB Size=100 Position=#0



Band38 16QAM BW=20MHz Channel=38150 RB Size=100 Position=#0

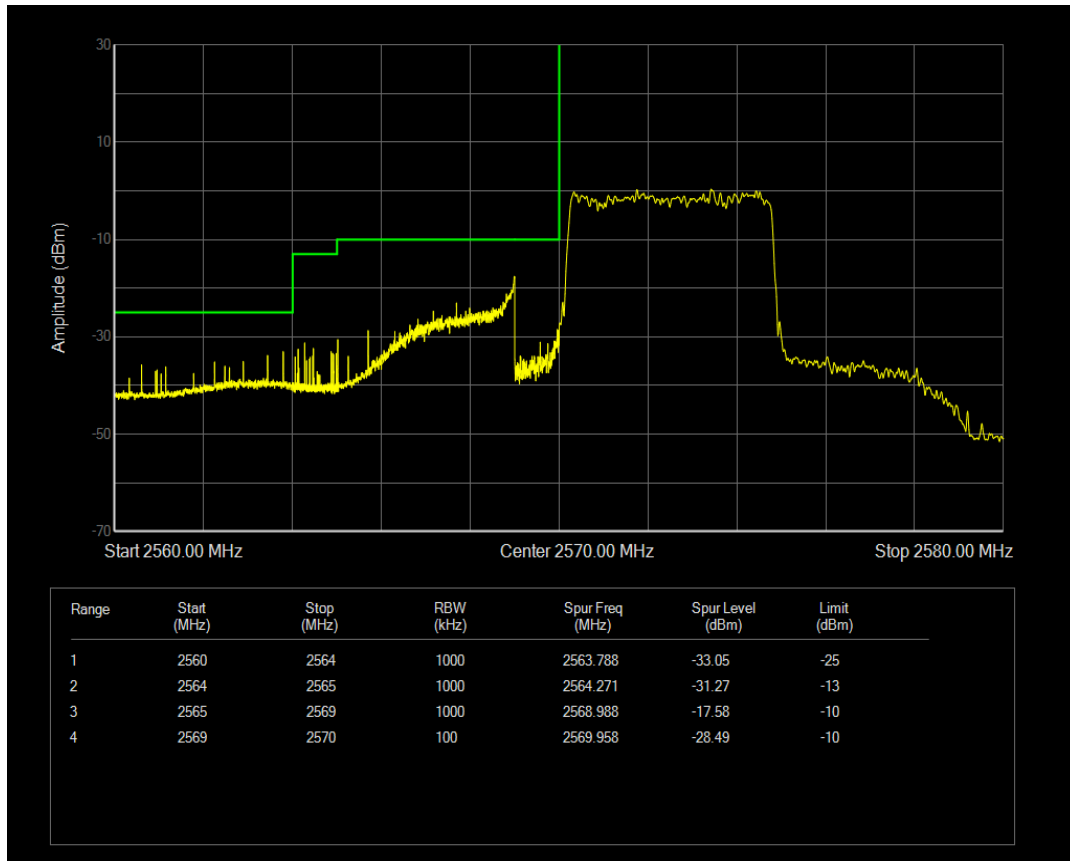


Appendix 5. Band edge

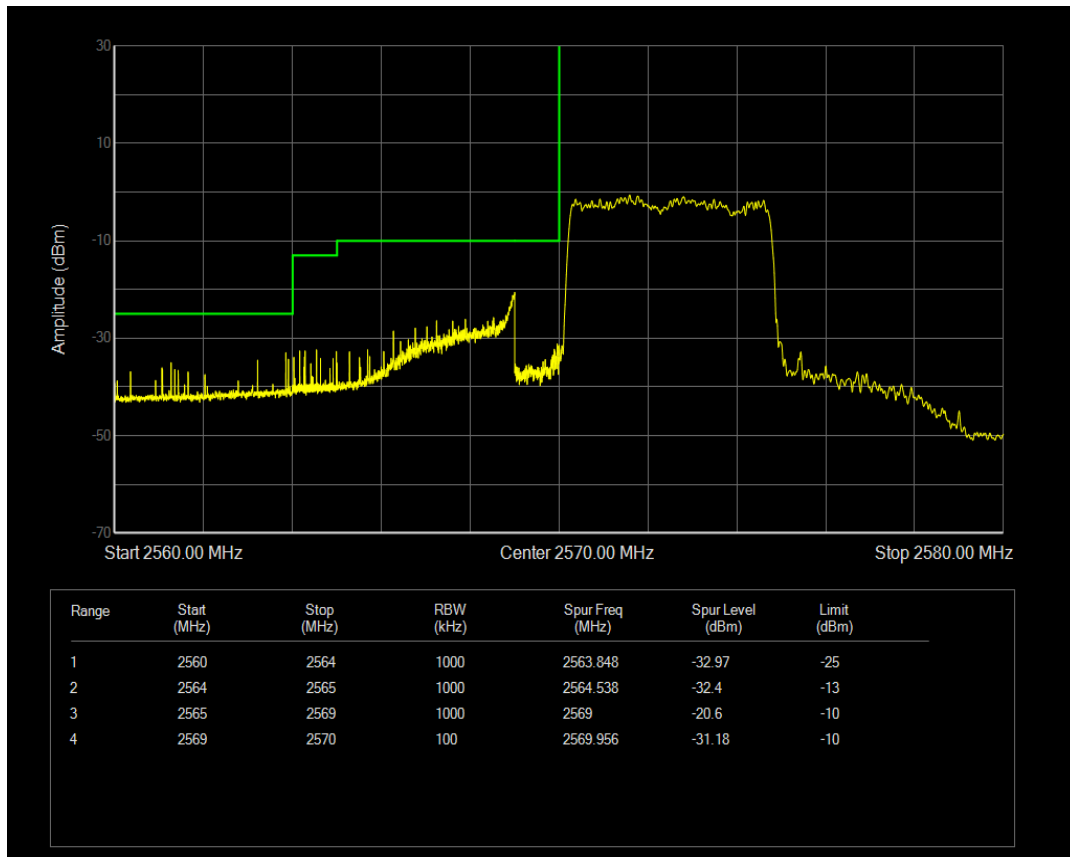
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band38	5	37775	25	#0	QPSK	2568.99	-17.58	-10	PASS
Band38	5	37775	25	#0	16QAM	2563.85	-32.97	-25	PASS
Band38	5	38225	25	#0	QPSK	2621.02	-18.30	-10	PASS
Band38	5	38225	25	#0	16QAM	2621.02	-19.87	-10	PASS
Band38	10	37800	50	#0	QPSK	2558.36	-40.43	-25	PASS
Band38	10	37800	50	#0	16QAM	2559.23	-40.45	-25	PASS
Band38	10	38200	50	#0	QPSK	2632.18	-38.80	-25	PASS
Band38	10	38200	50	#0	16QAM	2630.47	-38.74	-25	PASS
Band38	15	37825	75	#0	QPSK	2564.40	-28.10	-13	PASS
Band38	15	37825	75	#0	16QAM	2568.79	-25.77	-10	PASS
Band38	15	38175	75	#0	QPSK	2635.53	-39.22	-25	PASS
Band38	15	38175	75	#0	16QAM	2635.12	-36.67	-25	PASS
Band38	20	37850	100	#0	QPSK	2547.47	-41.18	-25	PASS
Band38	20	37850	100	#0	16QAM	2549.52	-41.55	-25	PASS
Band38	20	38150	100	#0	QPSK	2643.93	-39.91	-25	PASS
Band38	20	38150	100	#0	16QAM	2640.27	-40.23	-25	PASS



Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0

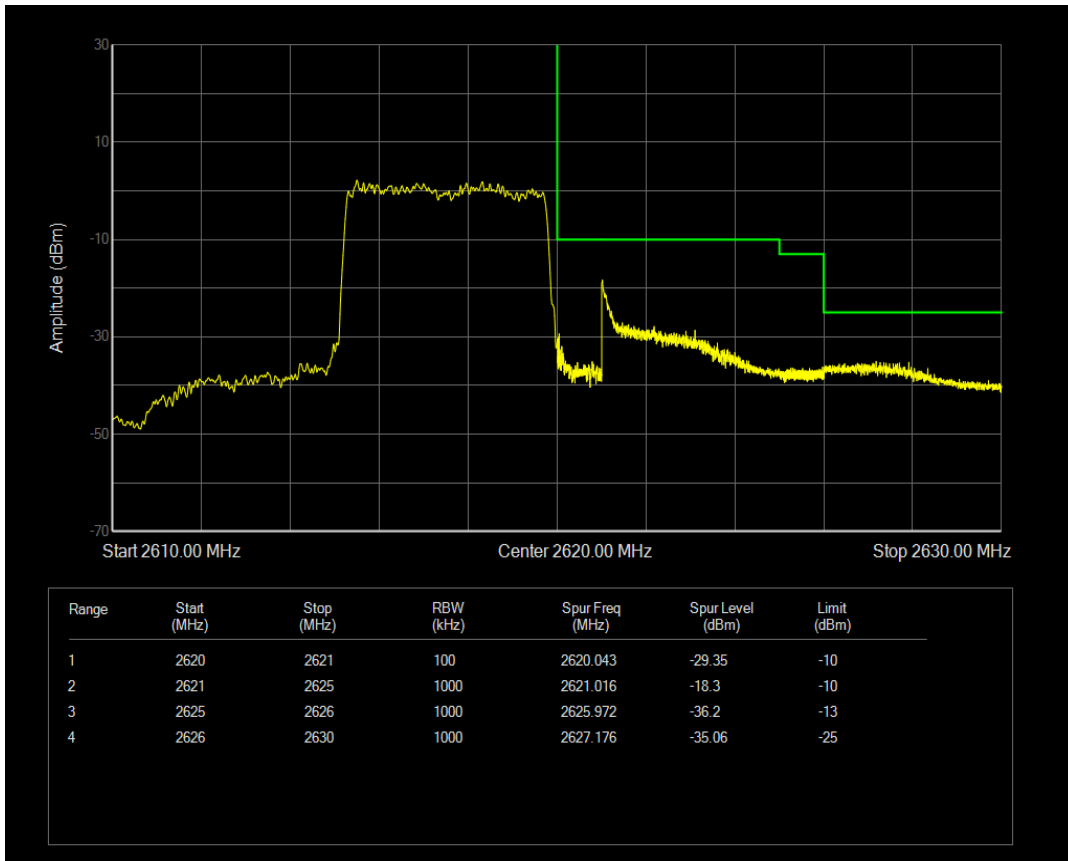


Band38 16QAM BW=5MHz Channel=37775 RB Size=25 Position=#0

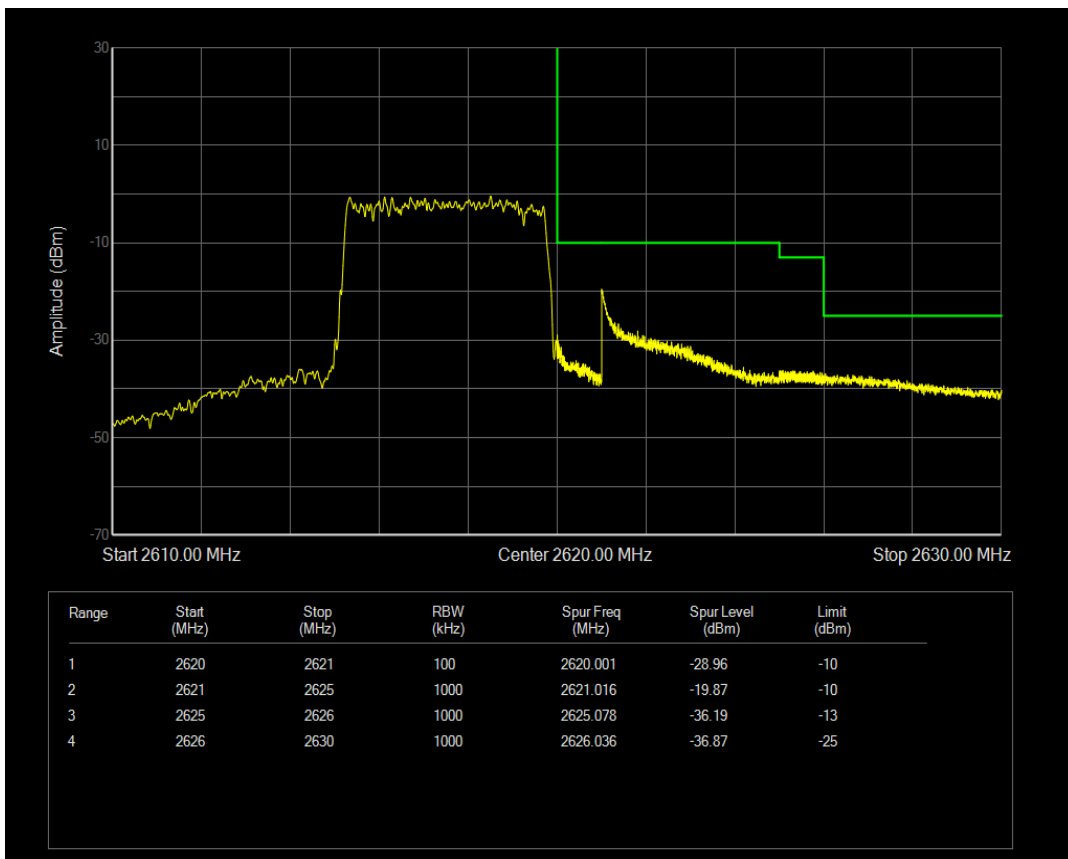




Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0

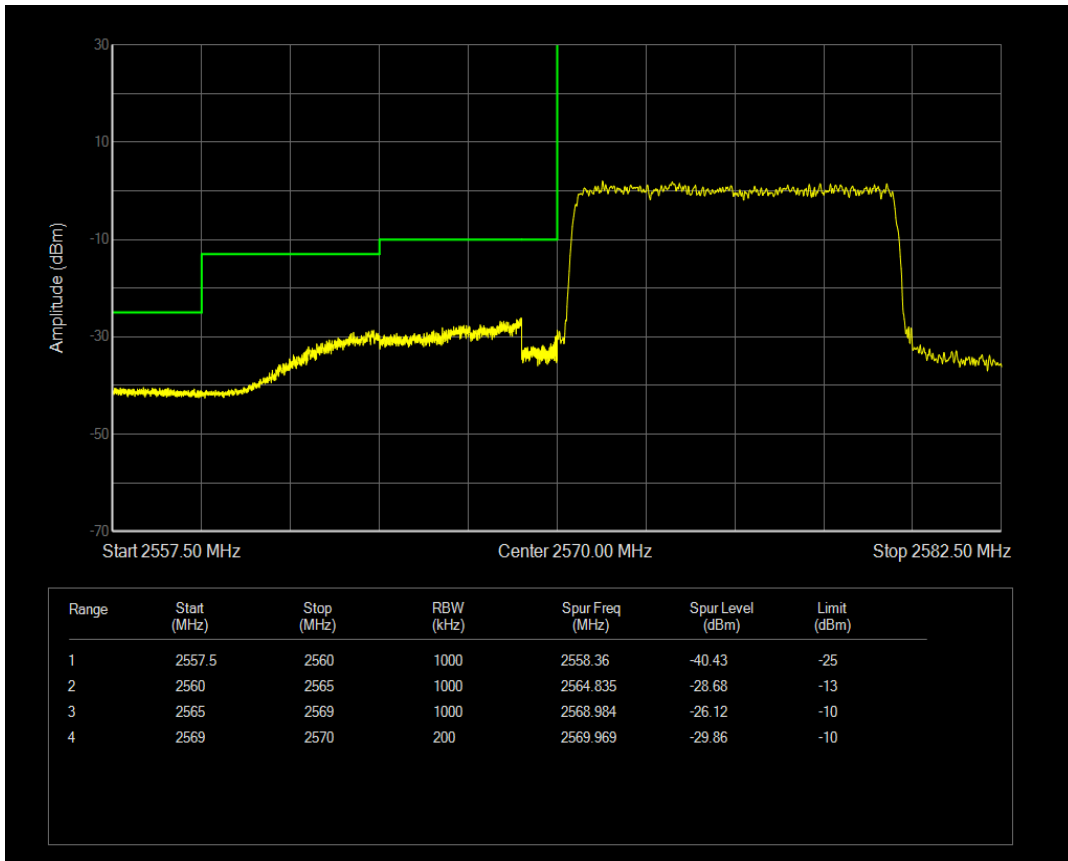


Band38 16QAM BW=5MHz Channel=38225 RB Size=25 Position=#0

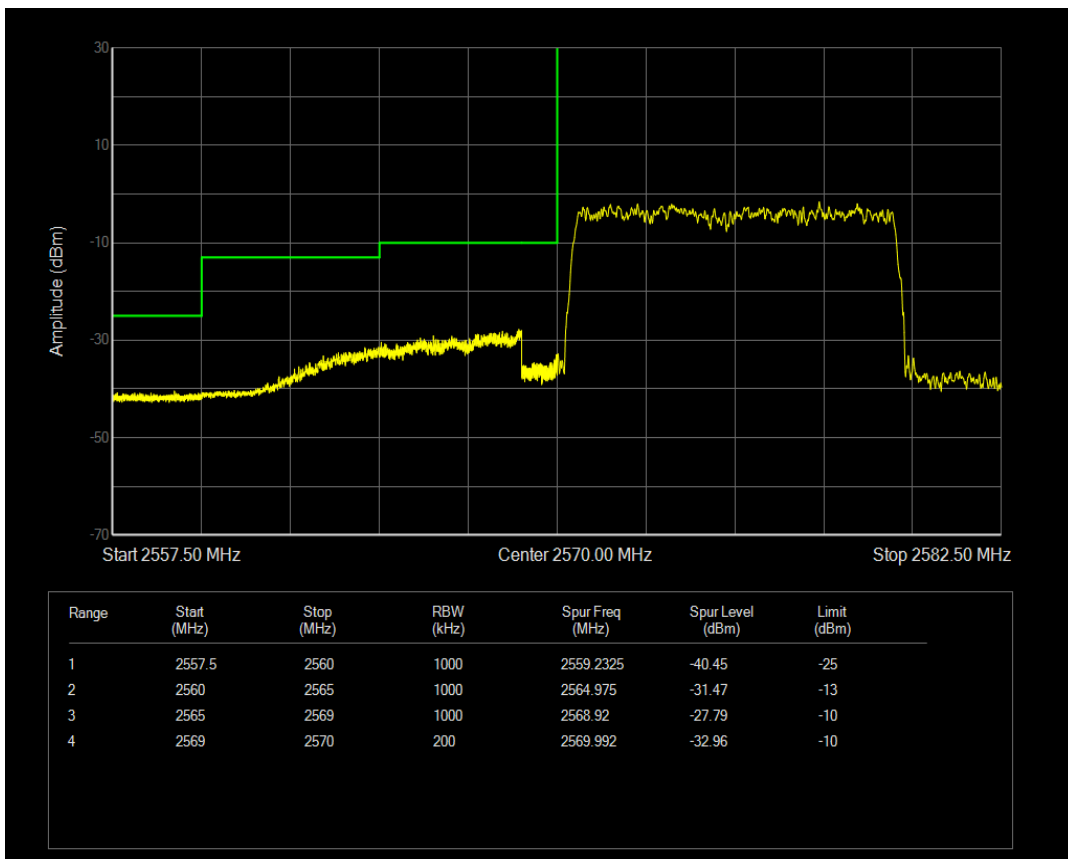




Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0

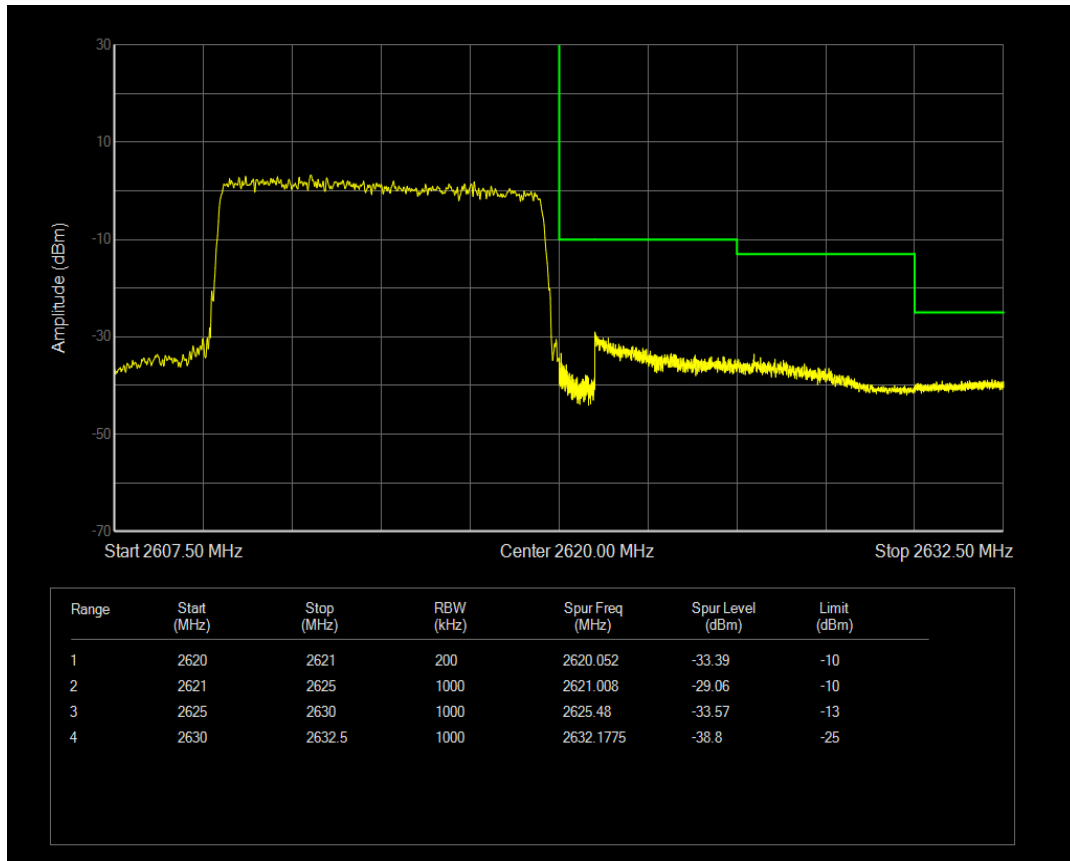


Band38 16QAM BW=10MHz Channel=37800 RB Size=50 Position=#0

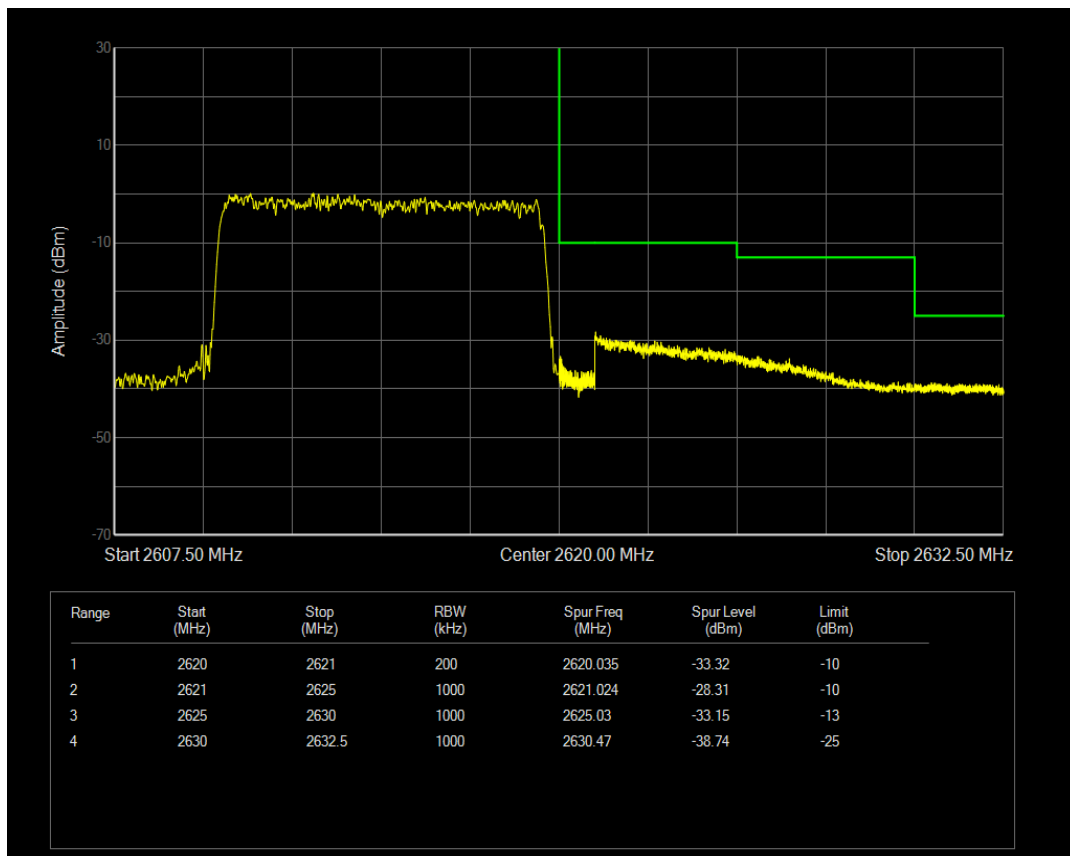




Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0

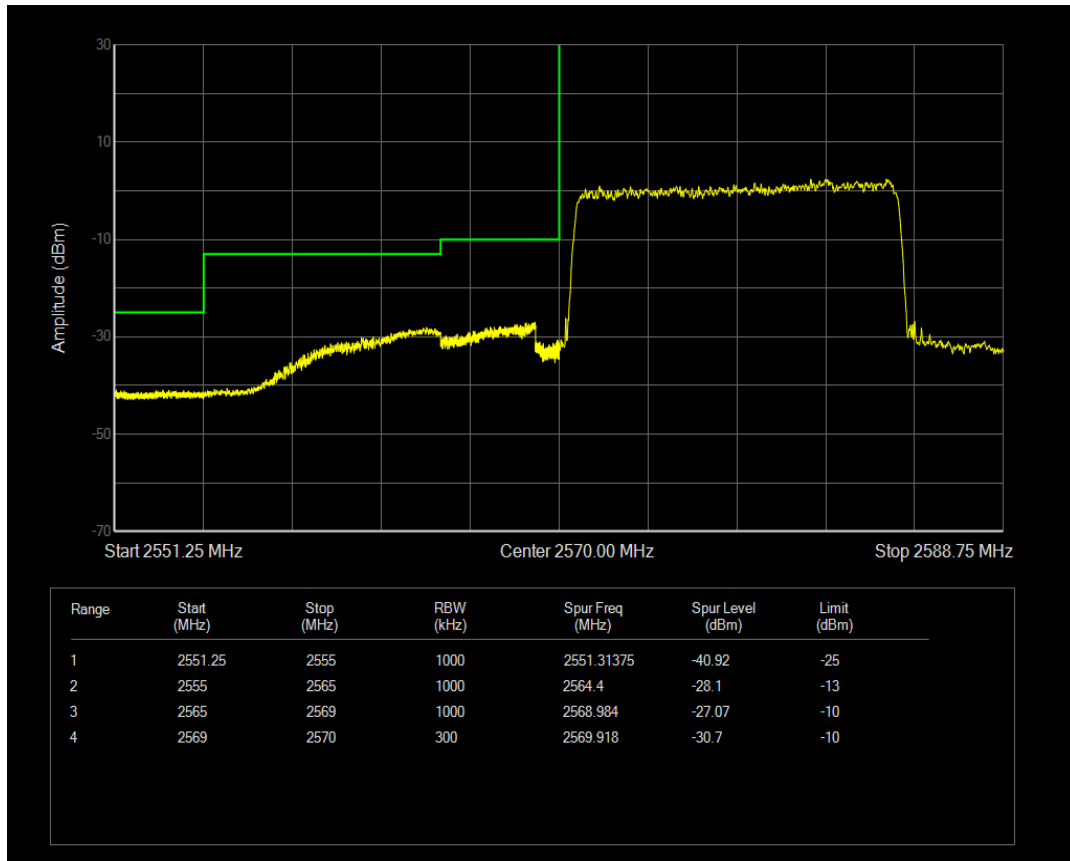


Band38 16QAM BW=10MHz Channel=38200 RB Size=50 Position=#0

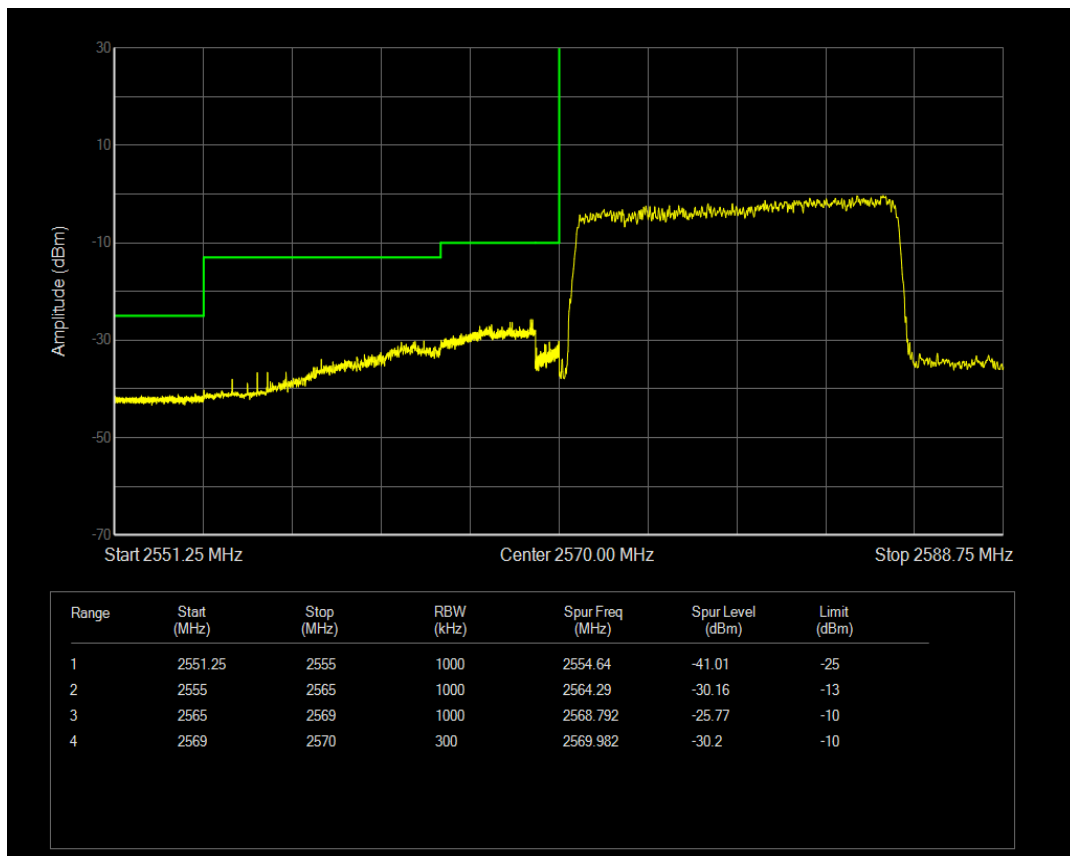




Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0

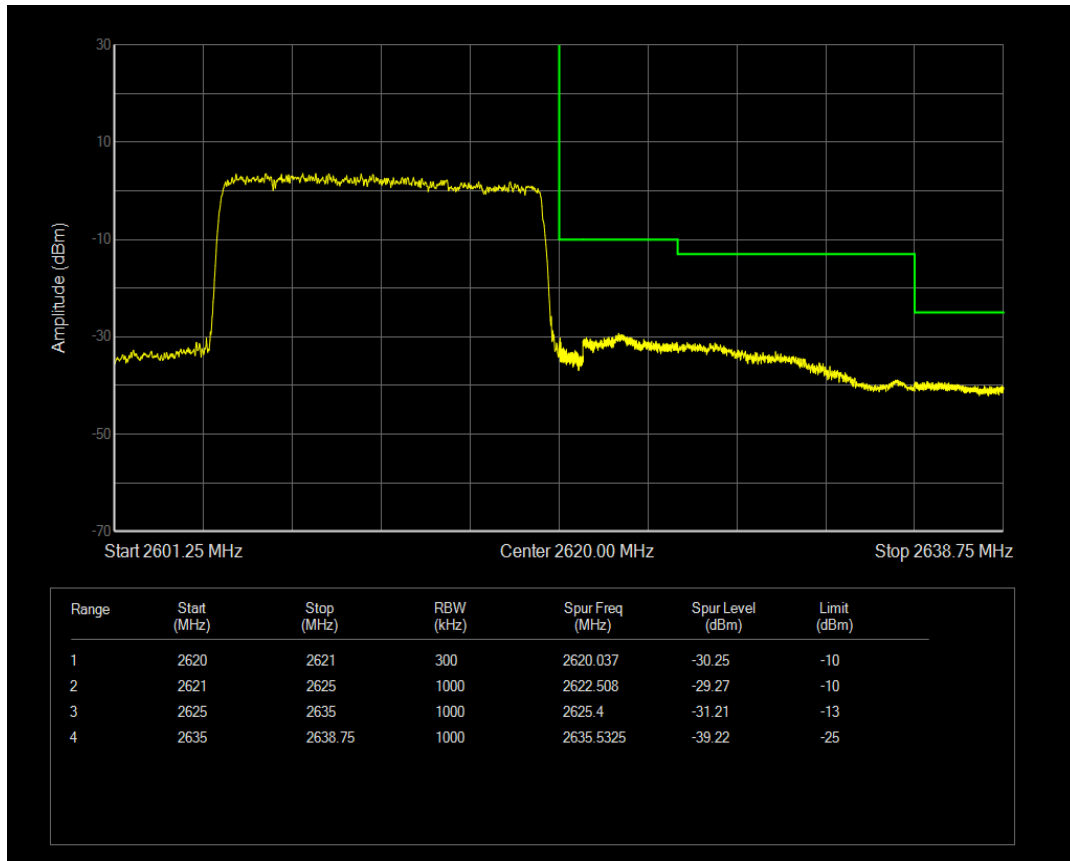


Band38 16QAM BW=15MHz Channel=37825 RB Size=75 Position=#0

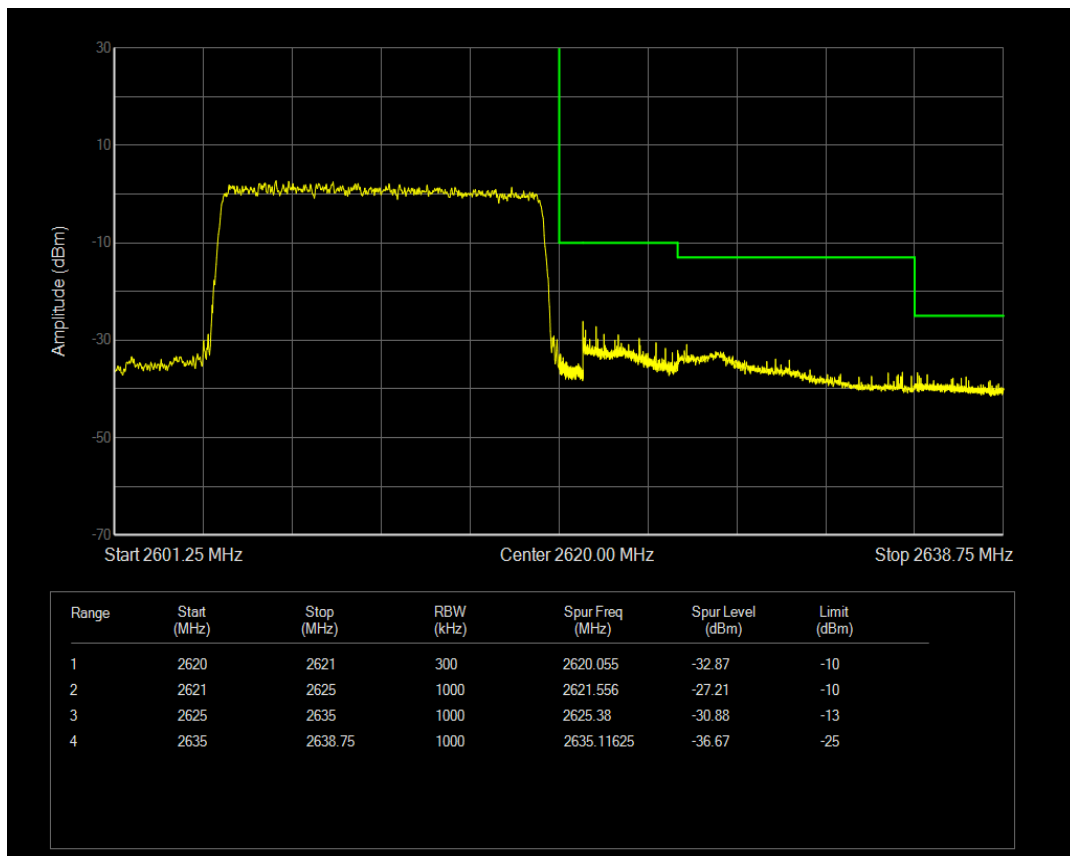




Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0

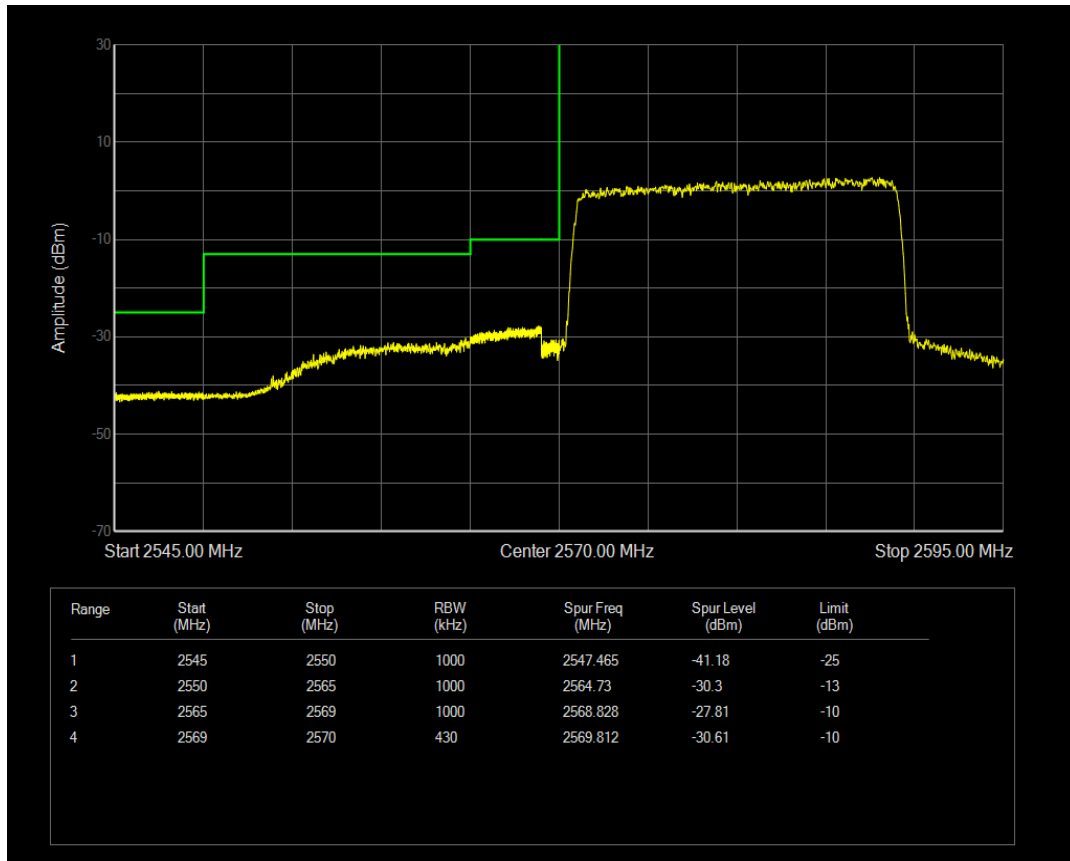


Band38 16QAM BW=15MHz Channel=38175 RB Size=75 Position=#0

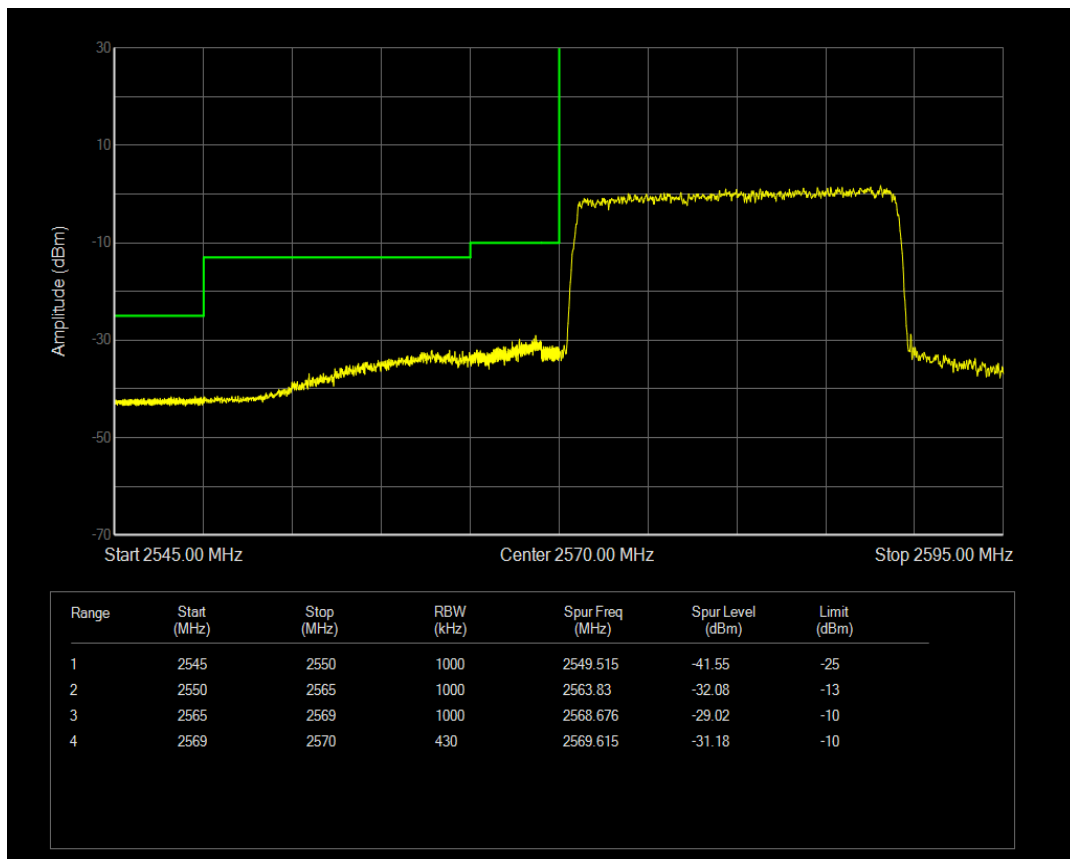




Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0

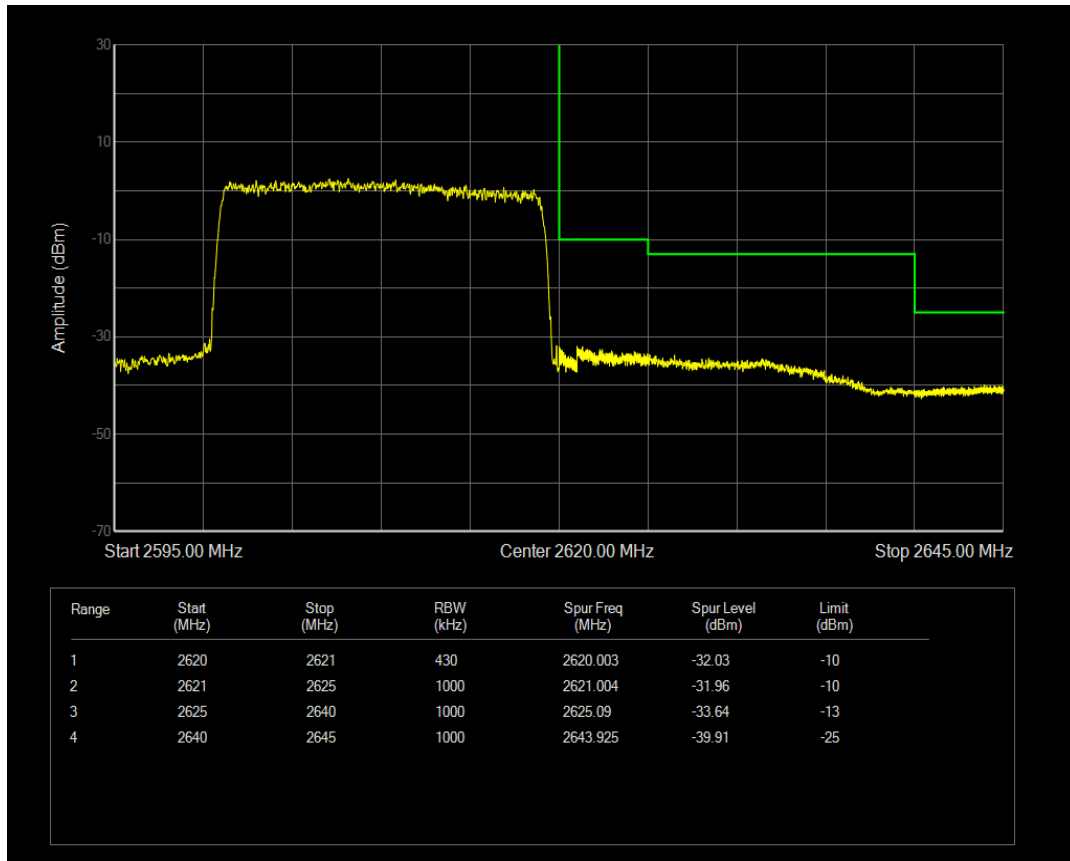


Band38 16QAM BW=20MHz Channel=37850 RB Size=100 Position=#0

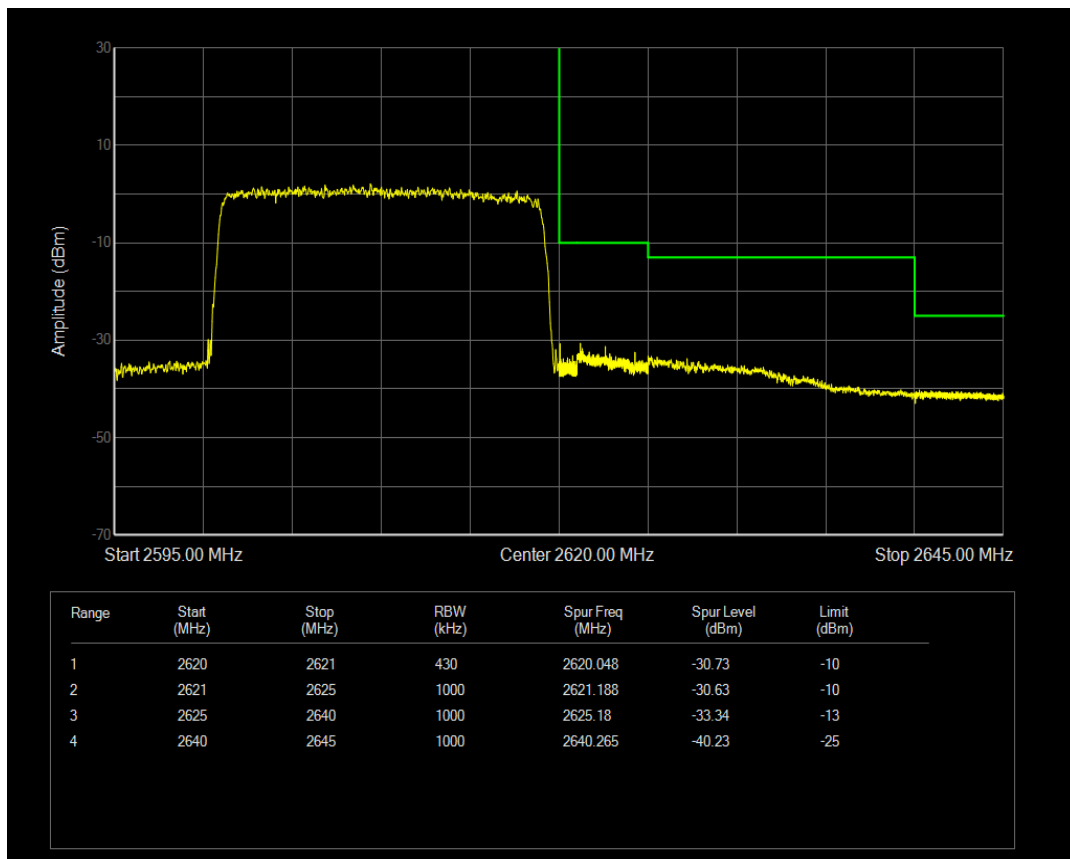




Band38 QPSK BW=20MHz Channel=38150 RB Size=100 Position=#0



Band38 16QAM BW=20MHz Channel=38150 RB Size=100 Position=#0

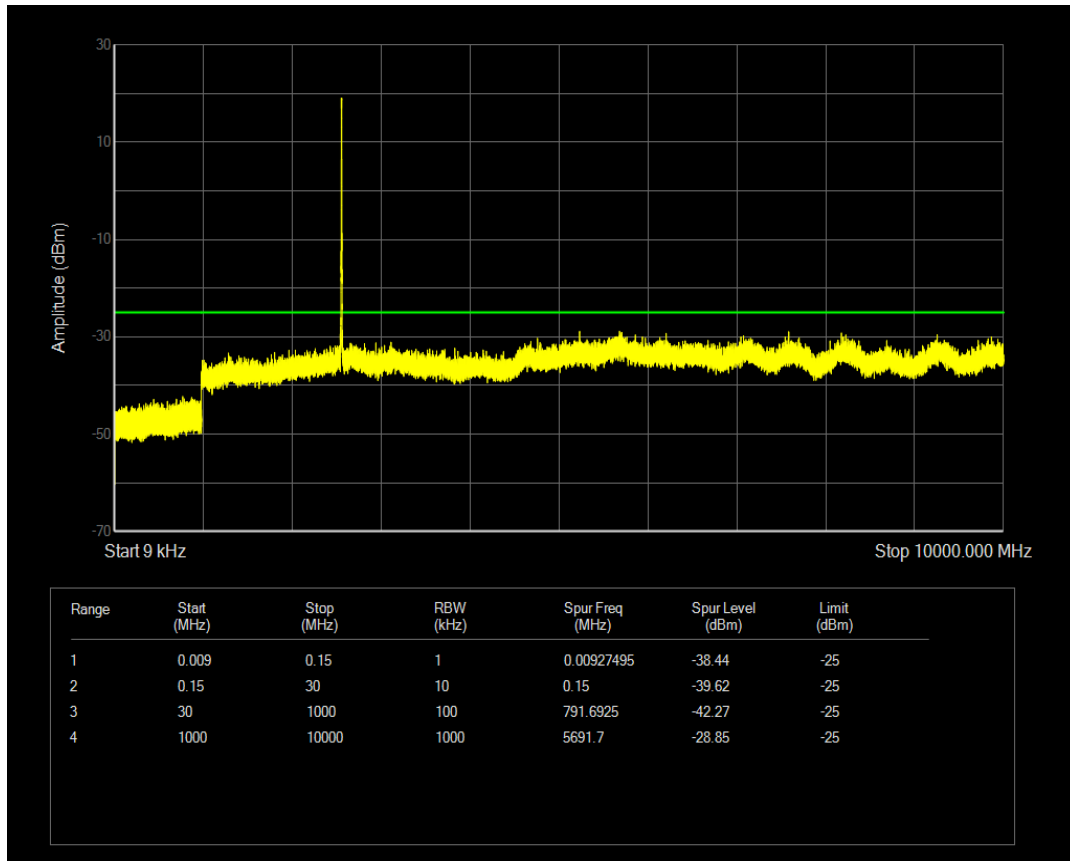


Appendix 6. Out-of-band emissions

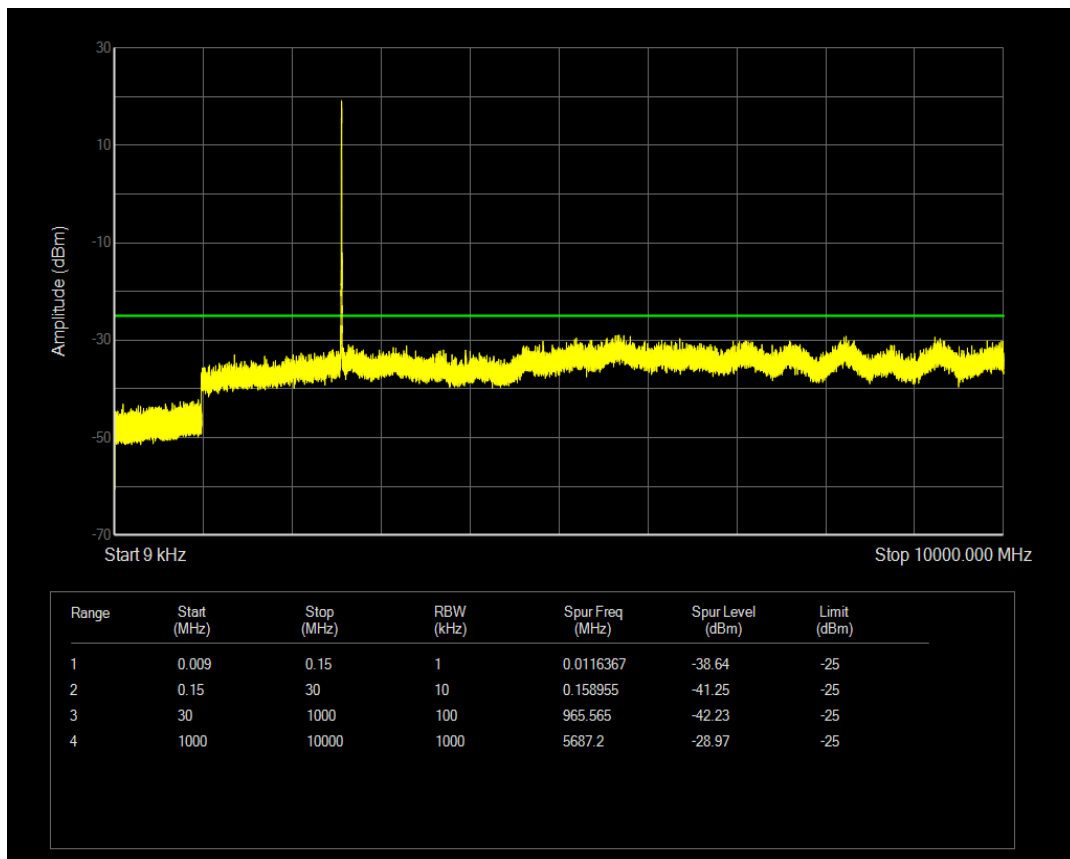
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band38	5	37775	25	#0	QPSK	5691.70	-28.85	-25	PASS
Band38	5	37775	25	#0	16QAM	5687.20	-28.97	-25	PASS
Band38	5	38000	25	#0	QPSK	9225.55	-28.72	-25	PASS
Band38	5	38000	25	#0	16QAM	5730.85	-28.63	-25	PASS
Band38	5	38225	25	#0	QPSK	5729.28	-28.51	-25	PASS
Band38	5	38225	25	#0	16QAM	5540.50	-28.11	-25	PASS
Band38	10	37800	50	#0	QPSK	8237.80	-28.78	-25	PASS
Band38	10	37800	50	#0	16QAM	8215.08	-28.88	-25	PASS
Band38	10	38000	50	#0	QPSK	5576.05	-28.62	-25	PASS
Band38	10	38000	50	#0	16QAM	5696.88	-28.29	-25	PASS
Band38	10	38200	50	#0	QPSK	5646.03	-28.37	-25	PASS
Band38	10	38200	50	#0	16QAM	9832.15	-28.89	-25	PASS
Band38	15	37825	75	#0	QPSK	5662.00	-28.05	-25	PASS
Band38	15	37825	75	#0	16QAM	7218.33	-28.37	-25	PASS
Band38	15	38000	75	#0	QPSK	7540.53	-28.72	-25	PASS
Band38	15	38000	75	#0	16QAM	7110.33	-27.87	-25	PASS
Band38	15	38175	75	#0	QPSK	5700.03	-28.03	-25	PASS
Band38	15	38175	75	#0	16QAM	8254.23	-28.52	-25	PASS
Band38	20	37850	100	#0	QPSK	5599.00	-28.00	-25	PASS
Band38	20	37850	100	#0	16QAM	5733.55	-28.71	-25	PASS
Band38	20	38000	100	#0	QPSK	5772.03	-28.44	-25	PASS
Band38	20	38000	100	#0	16QAM	5712.18	-28.42	-25	PASS
Band38	20	38150	100	#0	QPSK	5778.78	-28.90	-25	PASS
Band38	20	38150	100	#0	16QAM	5730.85	-27.92	-25	PASS



Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0

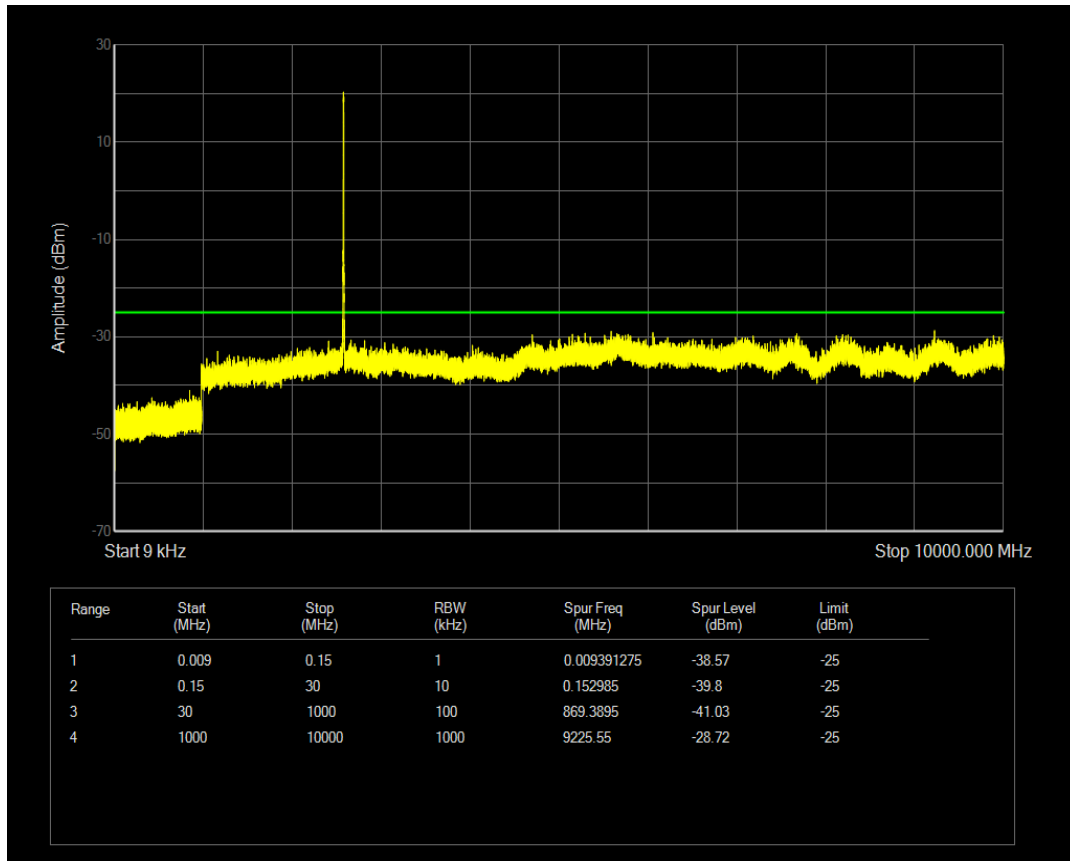


Band38 16QAM BW=5MHz Channel=37775 RB Size=25 Position=#0

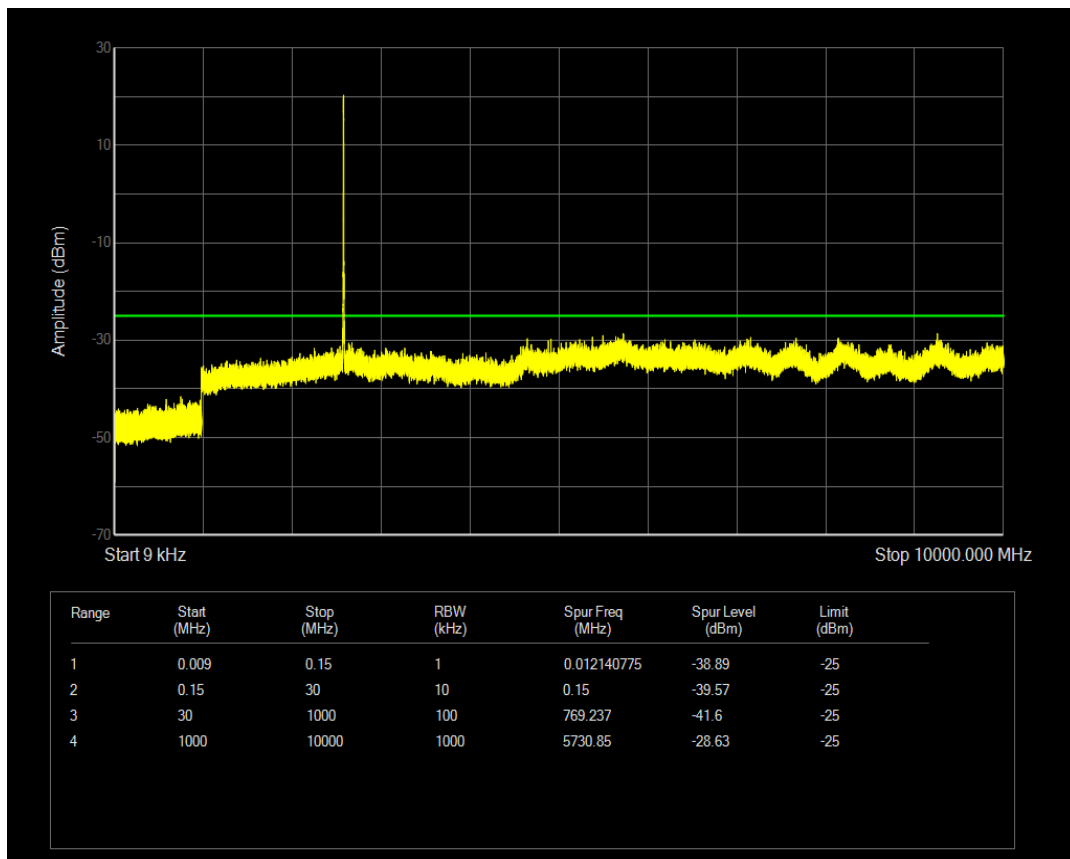




Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0

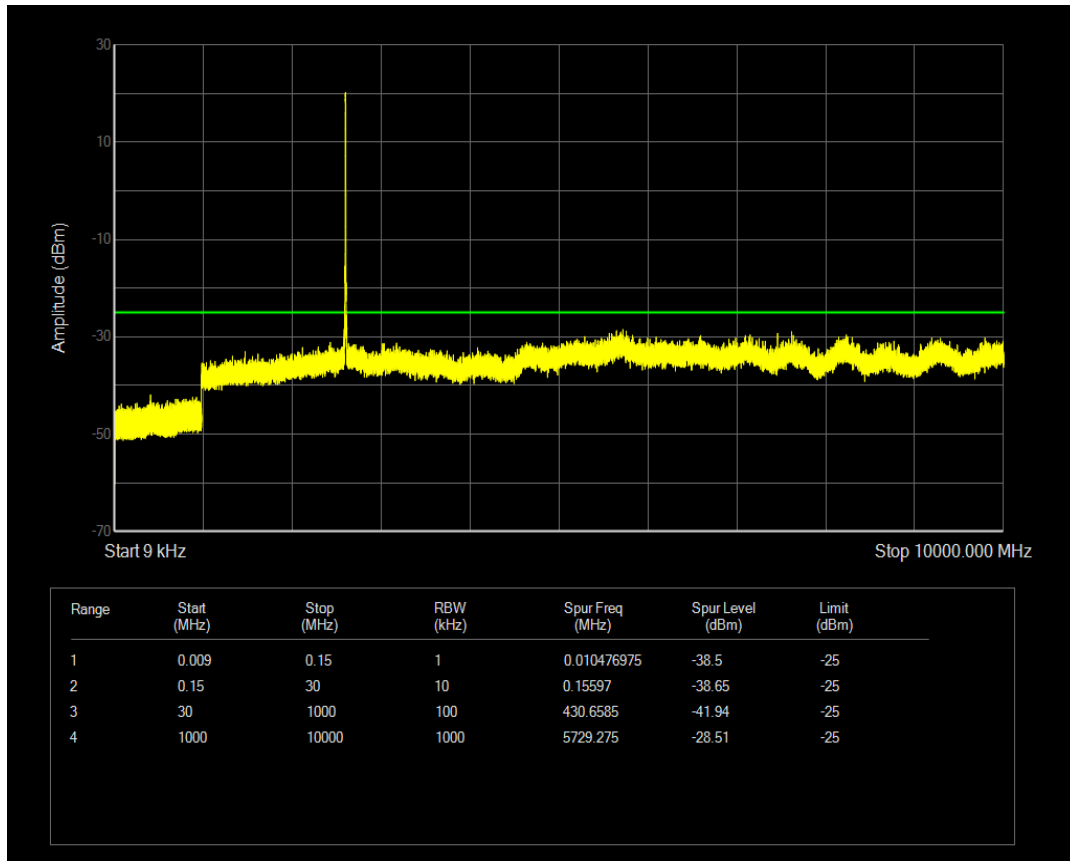


Band38 16QAM BW=5MHz Channel=38000 RB Size=25 Position=#0

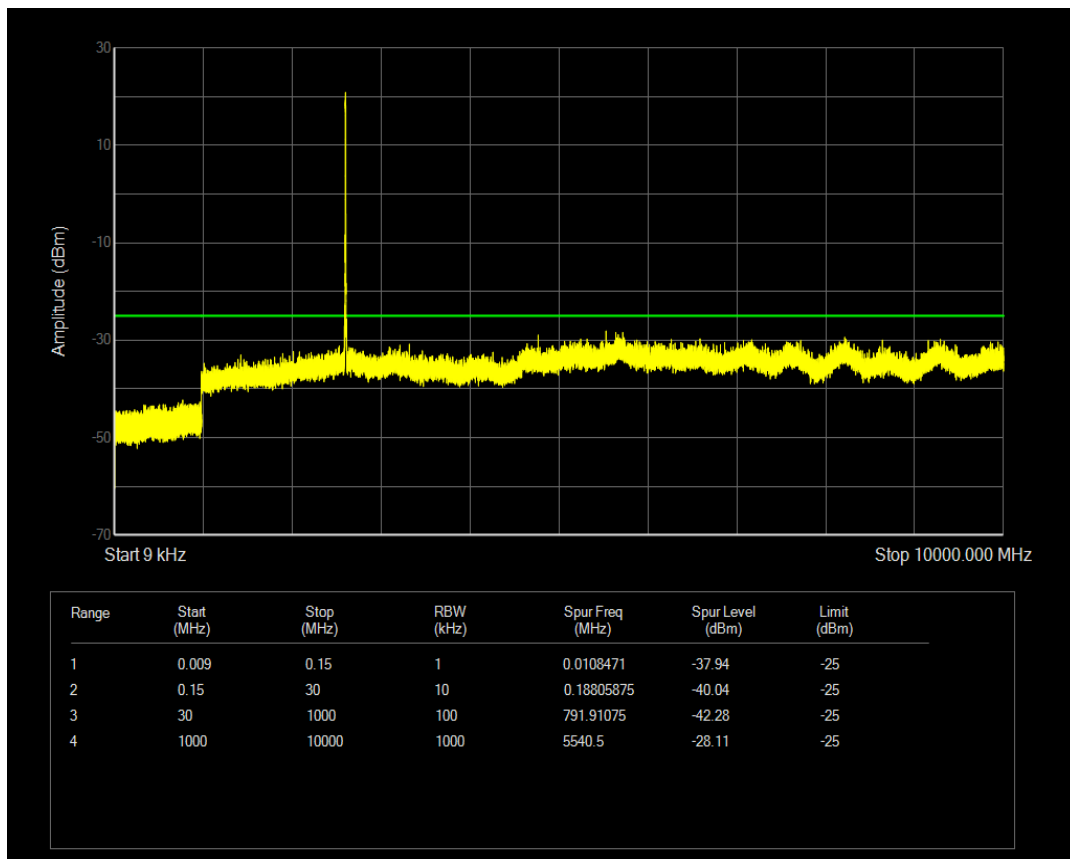




Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0

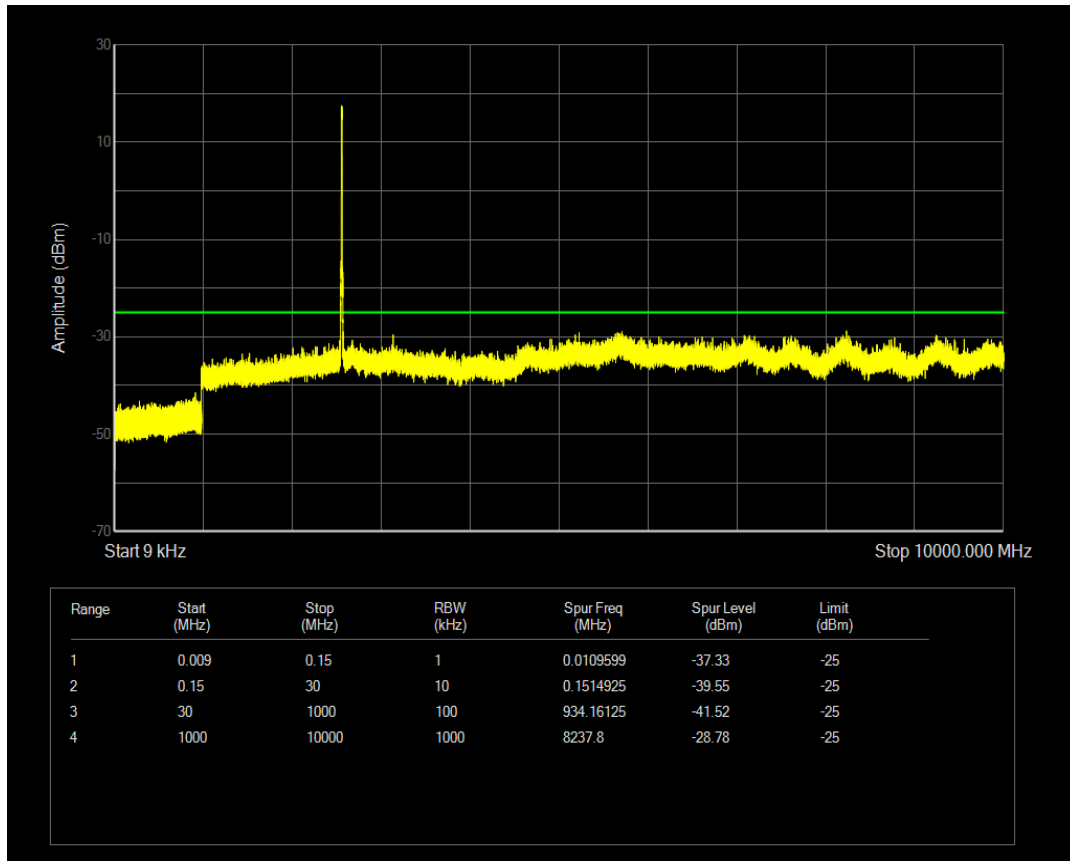


Band38 16QAM BW=5MHz Channel=38225 RB Size=25 Position=#0

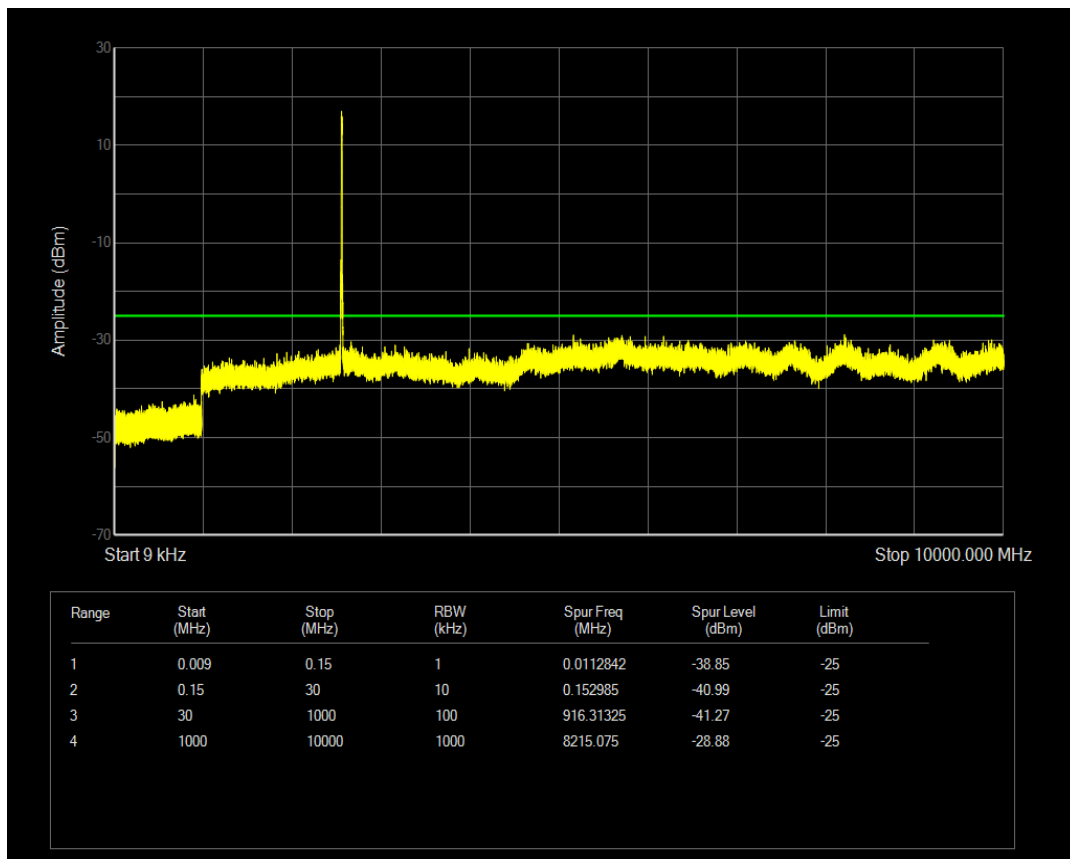




Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0

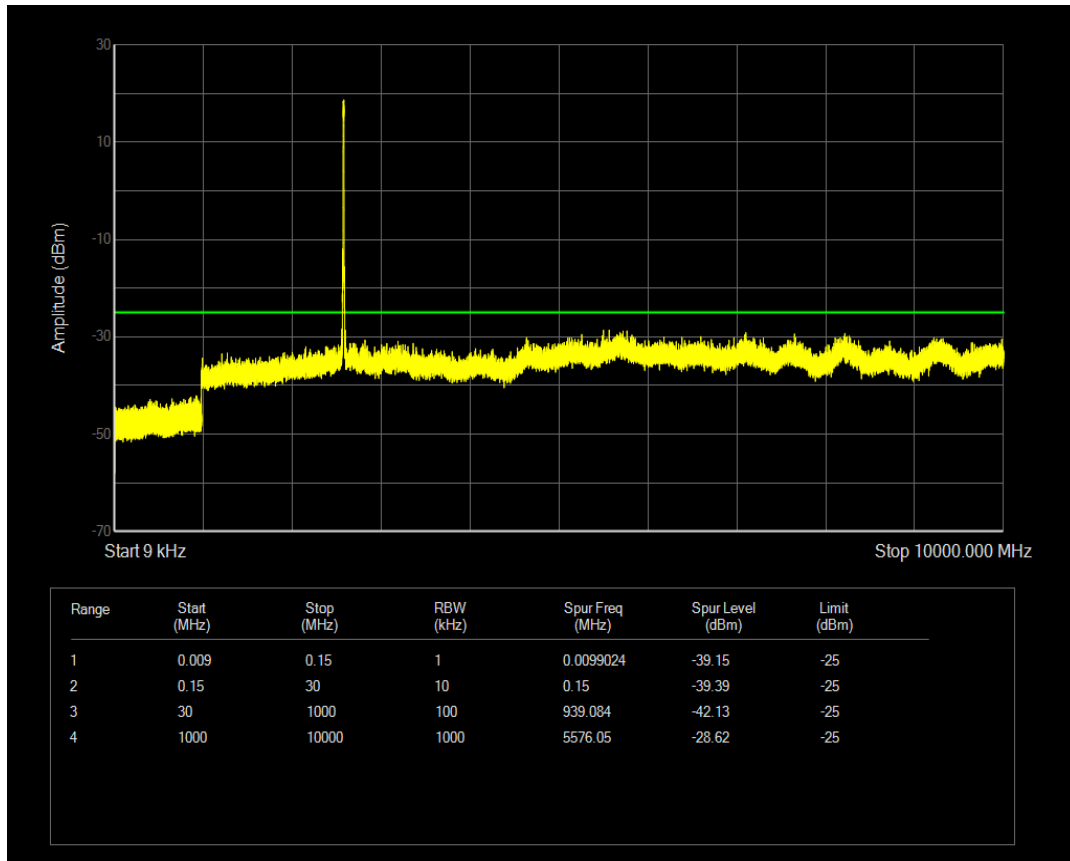


Band38 16QAM BW=10MHz Channel=37800 RB Size=50 Position=#0

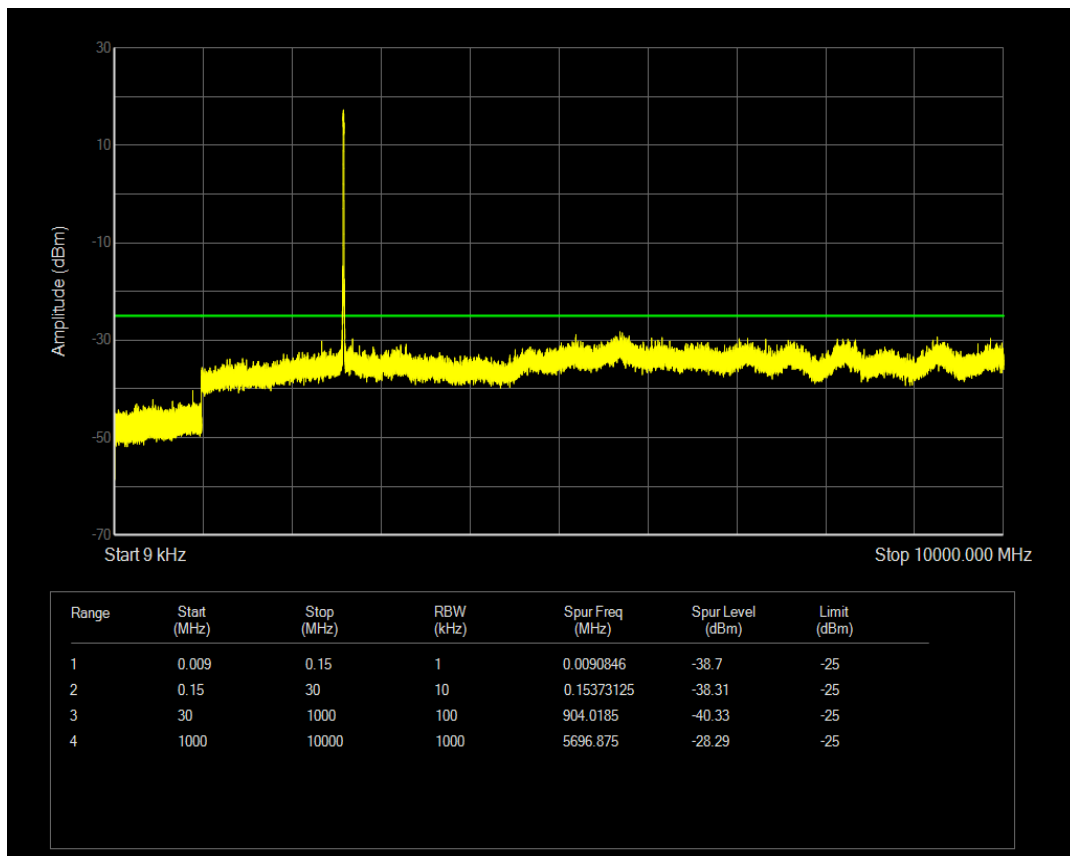




Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0

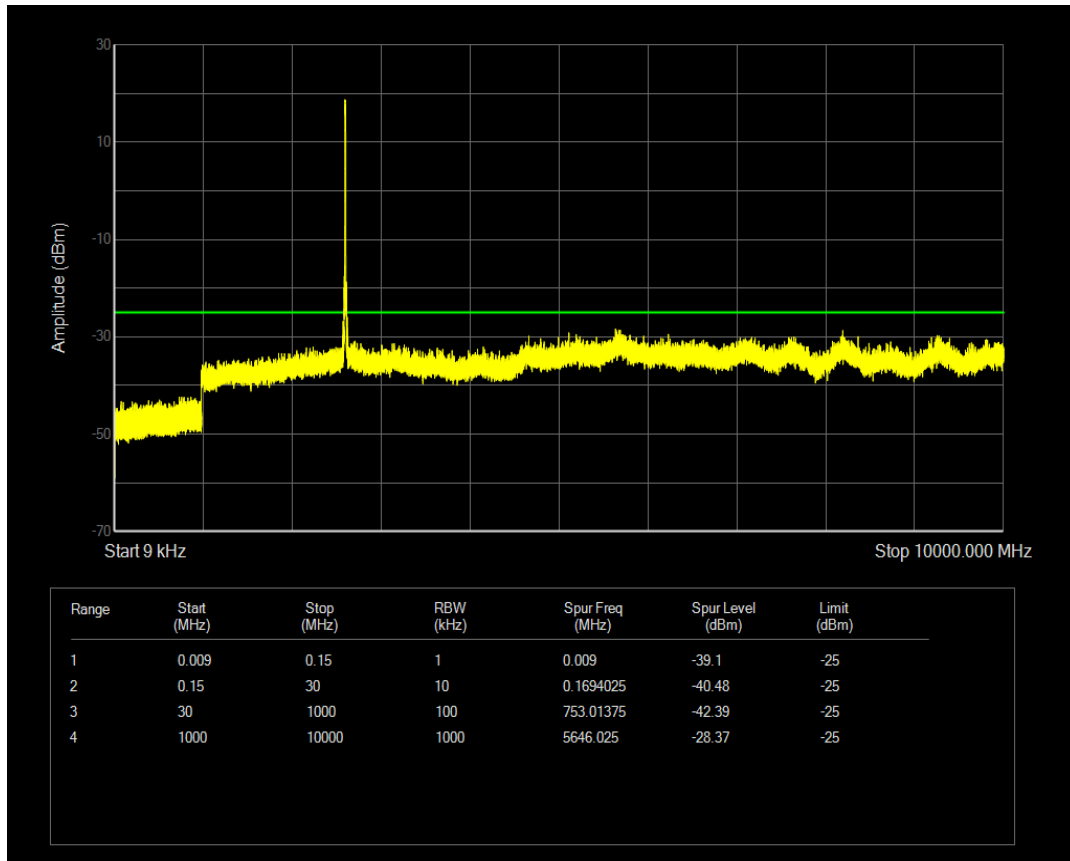


Band38 16QAM BW=10MHz Channel=38000 RB Size=50 Position=#0

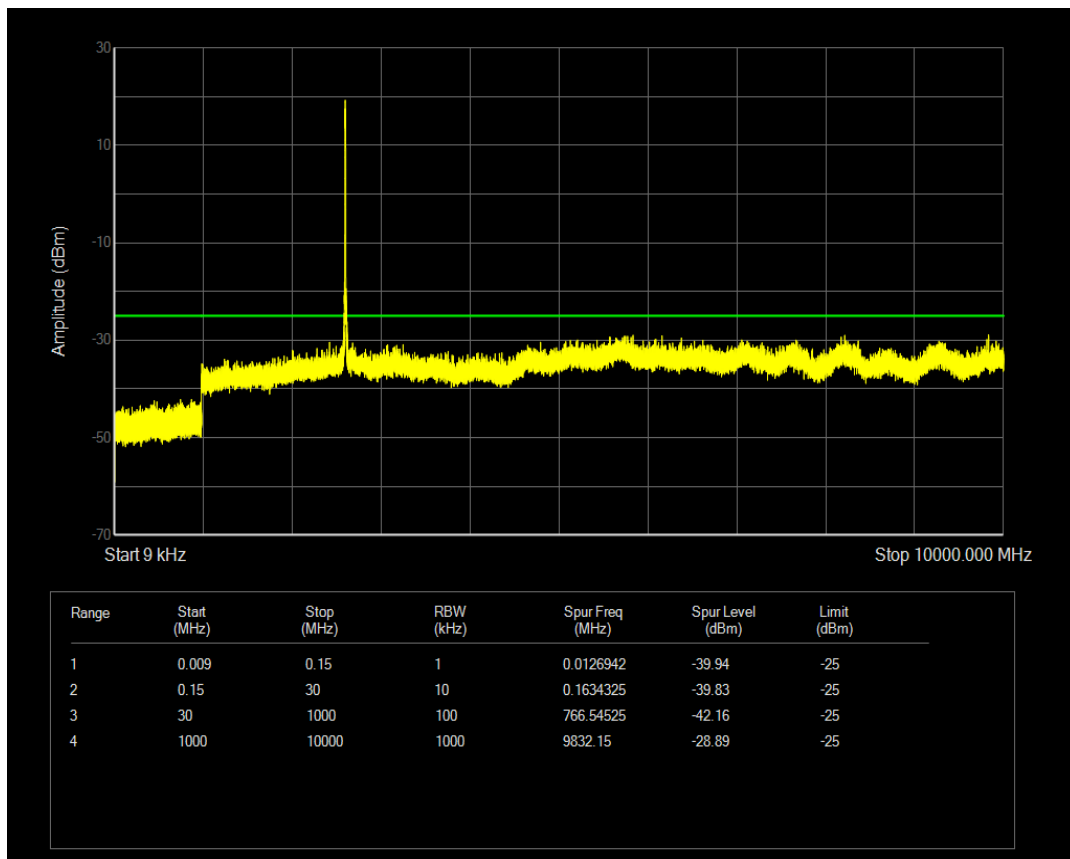




Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0

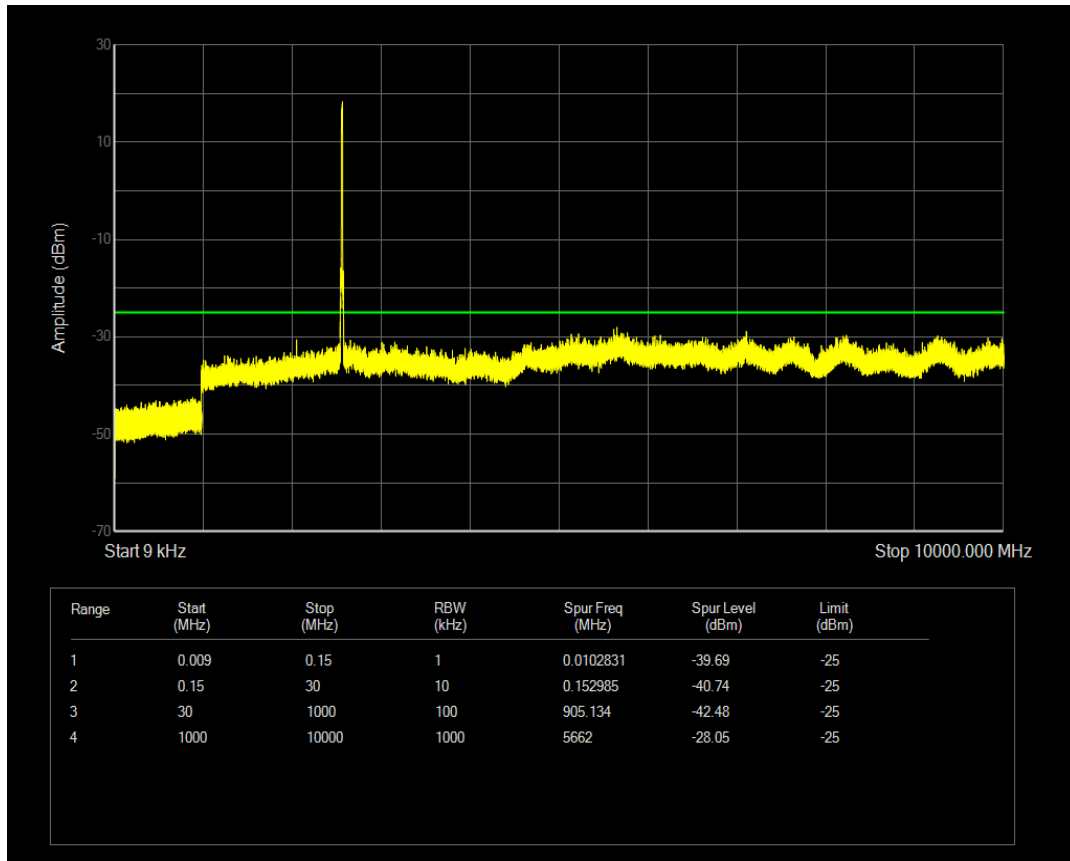


Band38 16QAM BW=10MHz Channel=38200 RB Size=50 Position=#0

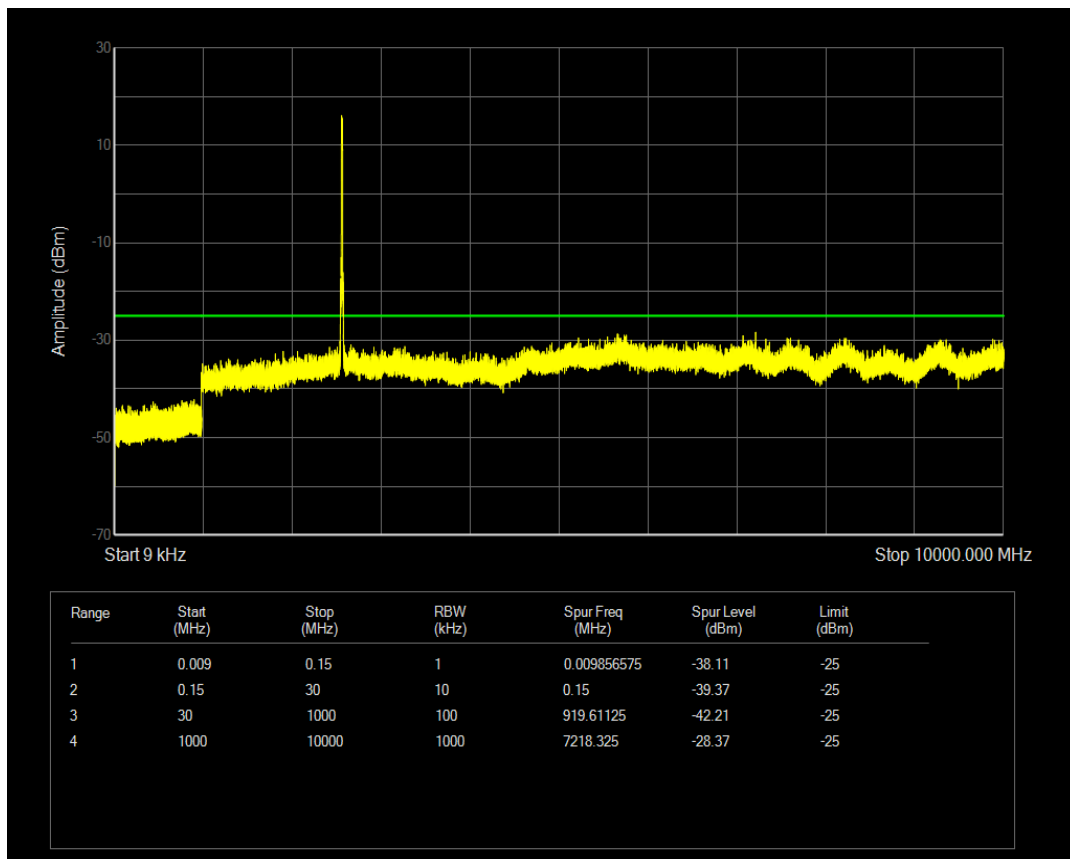




Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0

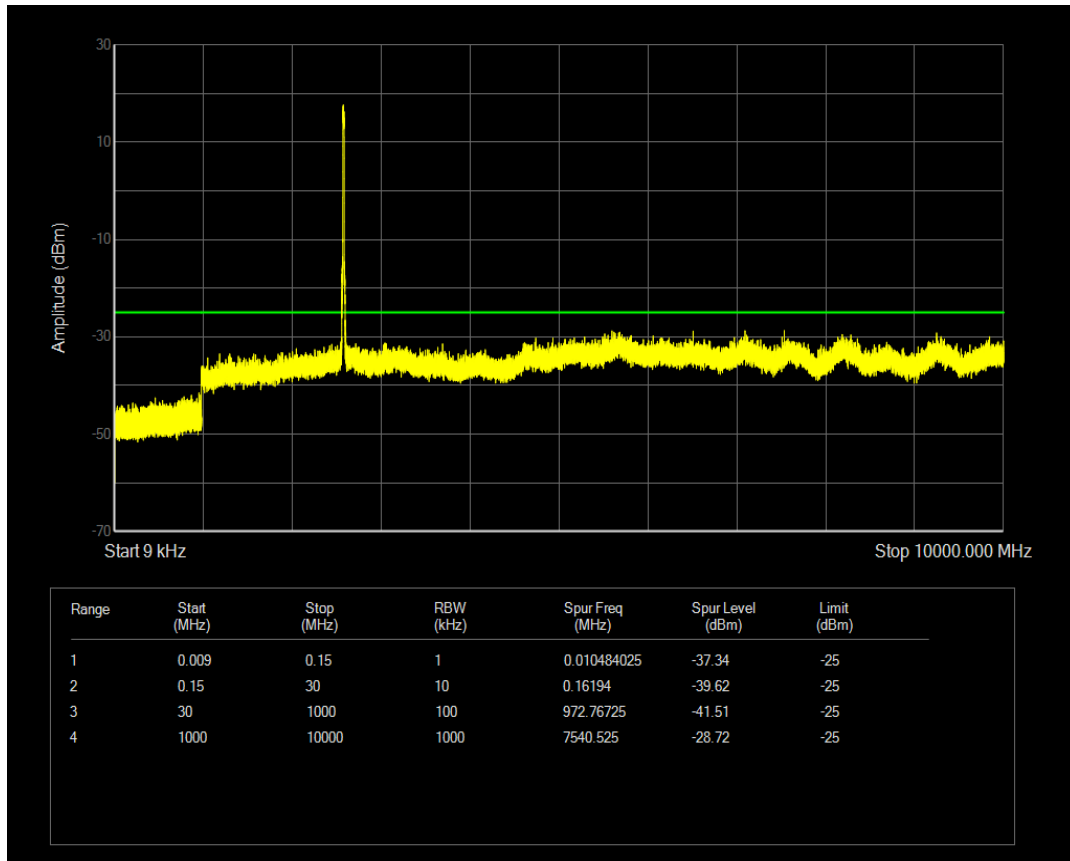


Band38 16QAM BW=15MHz Channel=37825 RB Size=75 Position=#0

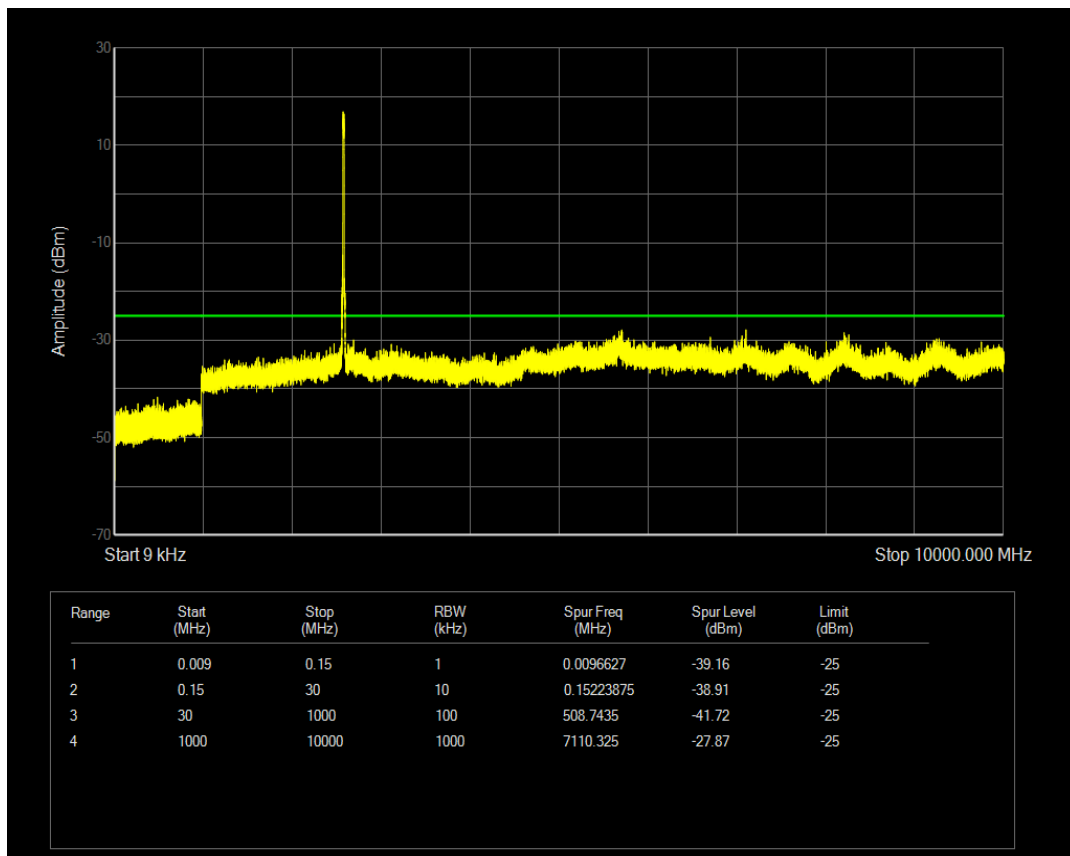




Band38 QPSK BW=15MHz Channel=38000 RB Size=75 Position=#0

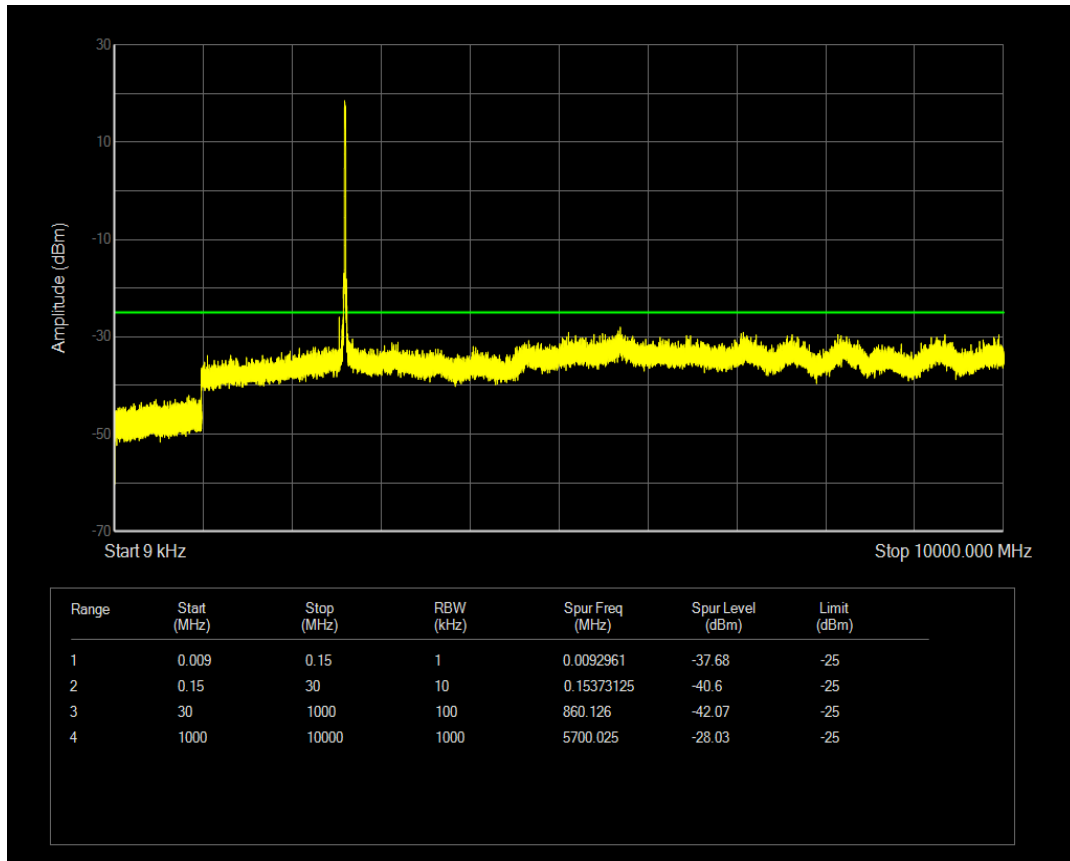


Band38 16QAM BW=15MHz Channel=38000 RB Size=75 Position=#0

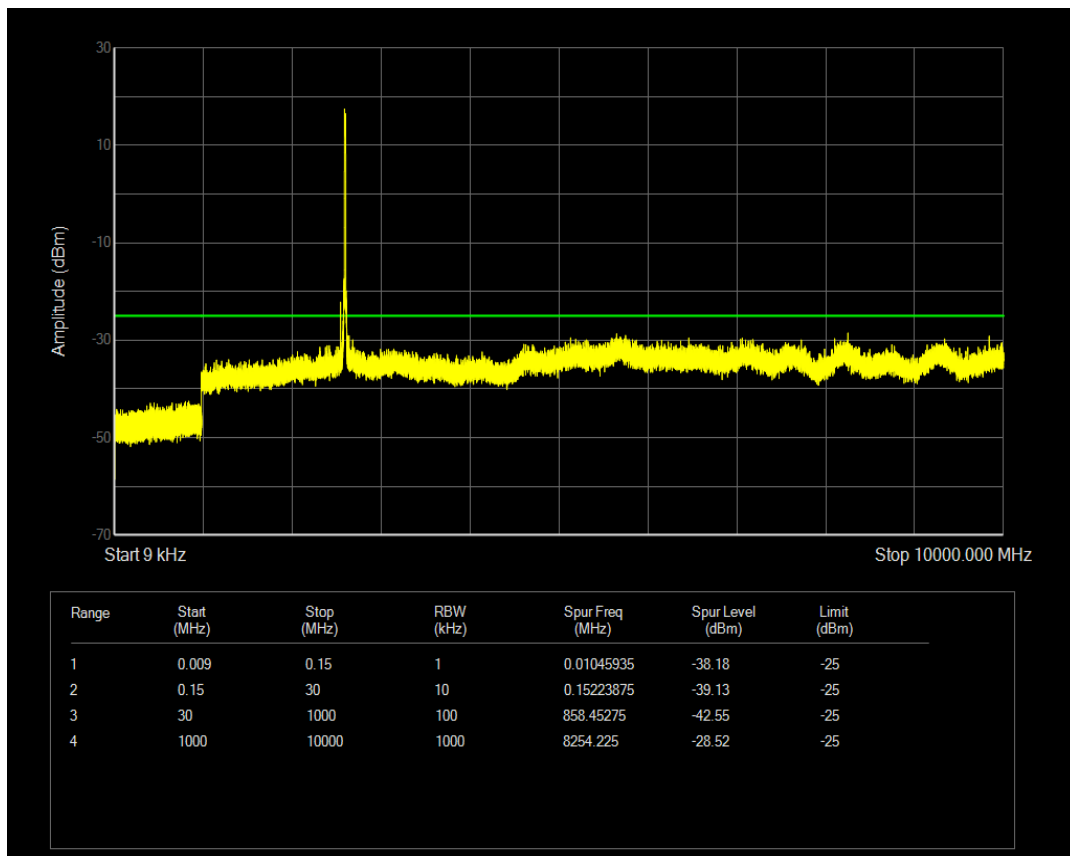




Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0

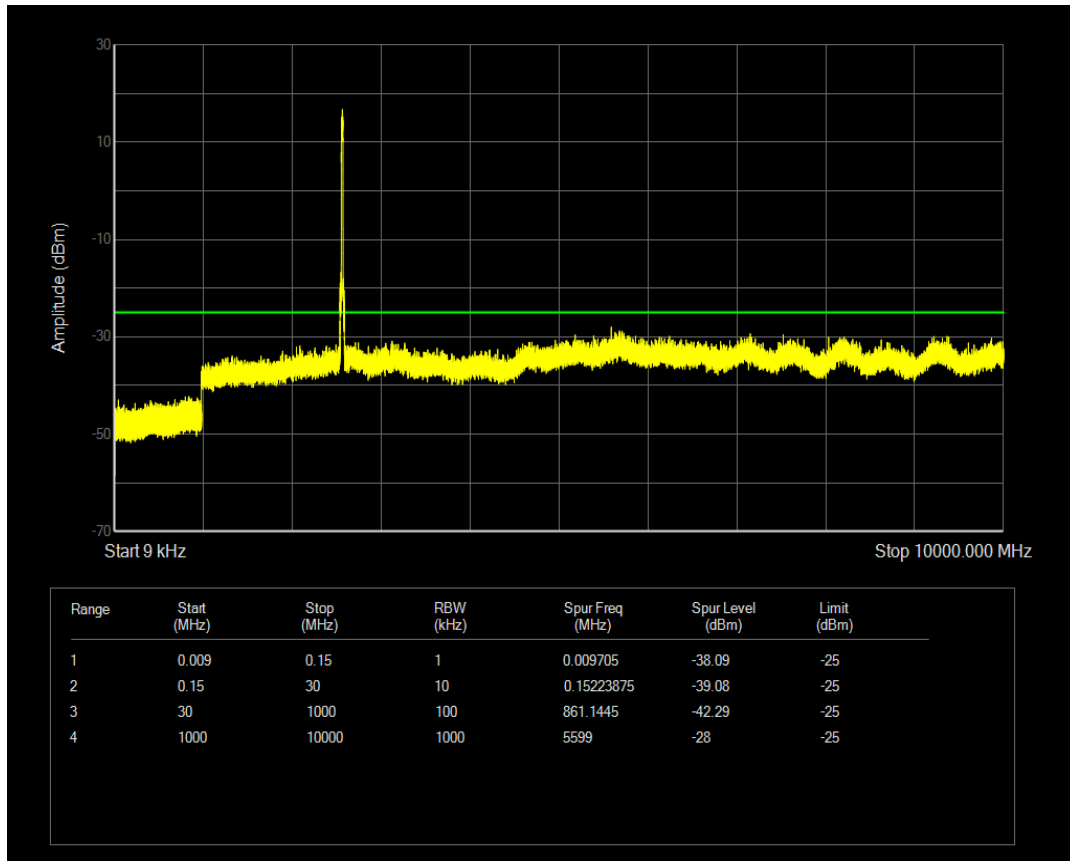


Band38 16QAM BW=15MHz Channel=38175 RB Size=75 Position=#0

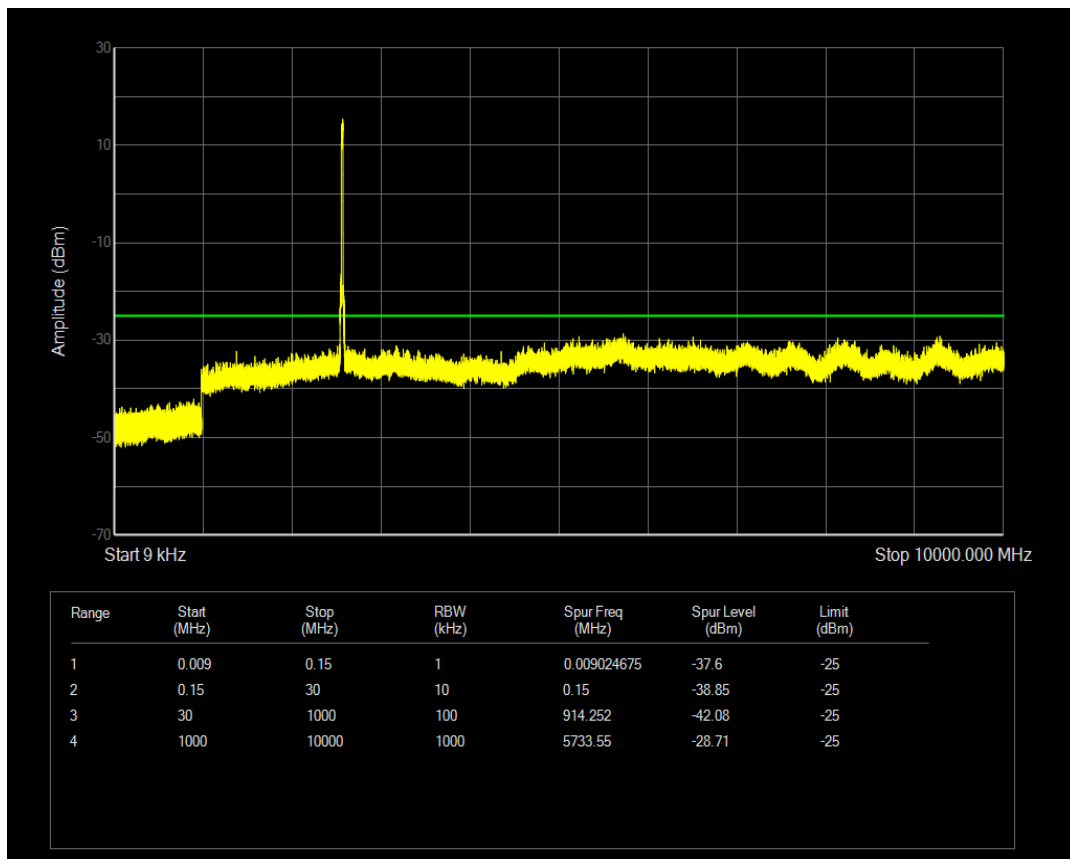




Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0

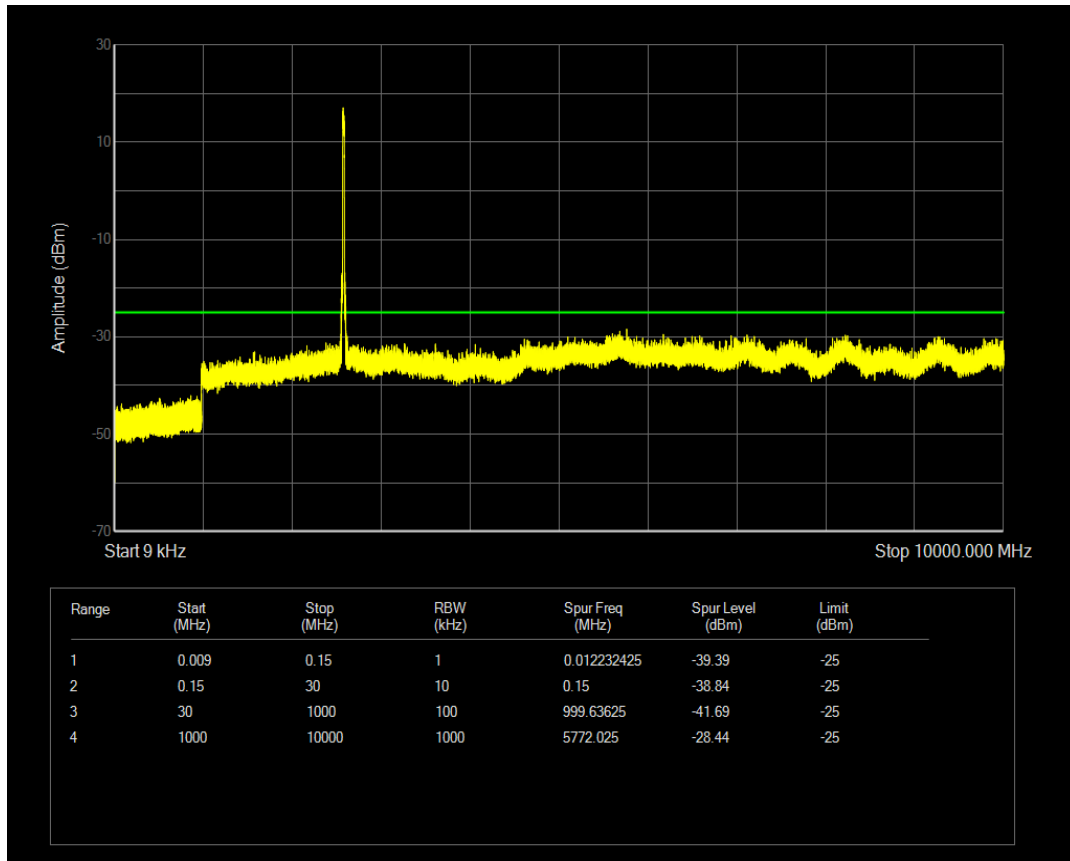


Band38 16QAM BW=20MHz Channel=37850 RB Size=100 Position=#0

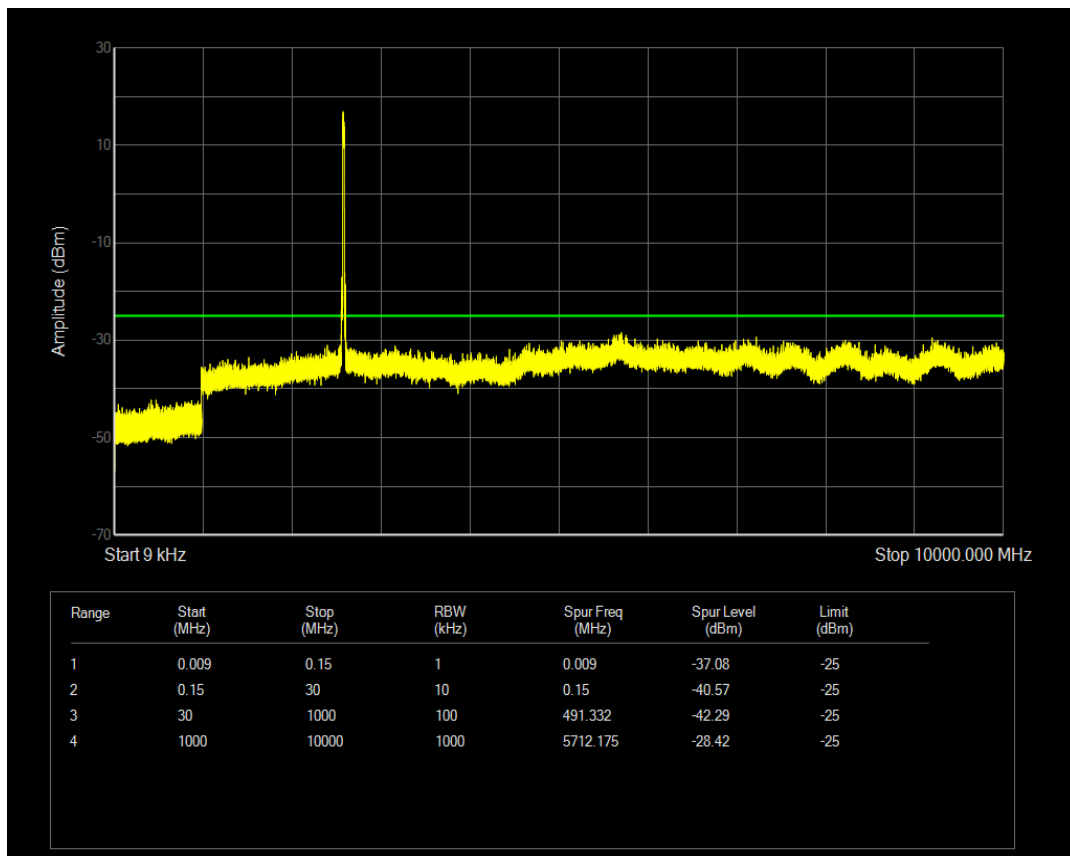




Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0

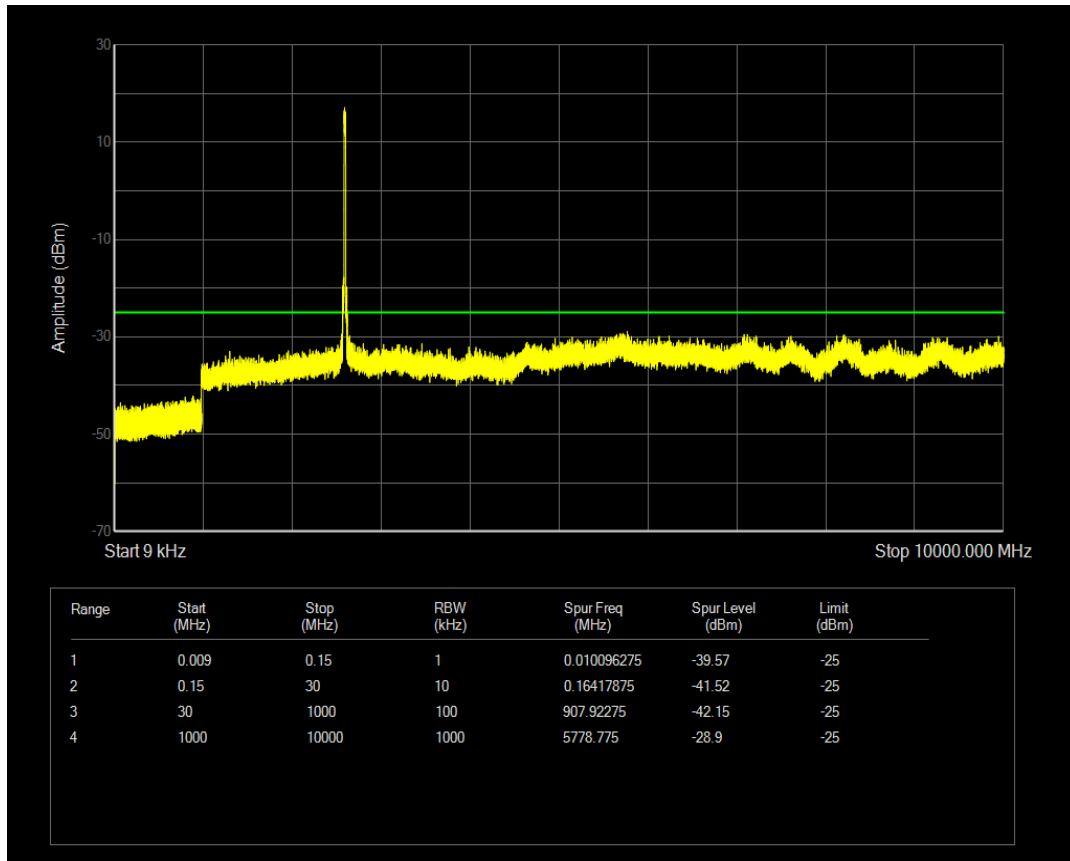


Band38 16QAM BW=20MHz Channel=38000 RB Size=100 Position=#0





Band38 QPSK BW=20MHz Channel=38150 RB Size=100 Position=#0



Band38 16QAM BW=20MHz Channel=38150 RB Size=100 Position=#0

