

Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band38	5	37775	1	#0	QPSK	22.44	2.12	22.41	37	24.56	37	PASS
Band38	5	37775	1	#Mid	QPSK	22.32	2.12	22.29	37	24.44	37	PASS
Band38	5	37775	1	#Max	QPSK	22.40	2.12	22.37	37	24.52	37	PASS
Band38	5	37775	12	#0	QPSK	21.63	2.12	21.60	37	23.75	37	PASS
Band38	5	37775	12	#Mid	QPSK	21.62	2.12	21.59	37	23.74	37	PASS
Band38	5	37775	12	#Max	QPSK	21.51	2.12	21.48	37	23.63	37	PASS
Band38	5	37775	25	#0	QPSK	21.51	2.12	21.48	37	23.63	37	PASS
Band38	5	37775	1	#0	16QAM	21.96	2.12	21.93	37	24.08	37	PASS
Band38	5	37775	1	#Mid	16QAM	22.00	2.12	21.97	37	24.12	37	PASS
Band38	5	37775	1	#Max	16QAM	22.02	2.12	21.99	37	24.14	37	PASS
Band38	5	37775	12	#0	16QAM	20.63	2.12	20.60	37	22.75	37	PASS
Band38	5	37775	12	#Mid	16QAM	20.67	2.12	20.64	37	22.79	37	PASS
Band38	5	37775	12	#Max	16QAM	20.67	2.12	20.64	37	22.79	37	PASS
Band38	5	37775	25	#0	16QAM	20.82	2.12	20.79	37	22.94	37	PASS
Band38	5	38000	1	#0	QPSK	22.52	2.12	22.49	37	24.64	37	PASS
Band38	5	38000	1	#Mid	QPSK	22.53	2.12	22.50	37	24.65	37	PASS
Band38	5	38000	1	#Max	QPSK	22.51	2.12	22.48	37	24.63	37	PASS
Band38	5	38000	12	#0	QPSK	21.57	2.12	21.54	37	23.69	37	PASS

Band3 8	5	38000	12	#Mid	QPSK	21.5 6	2.12	21.5 3	37	23.6 8	37	PAS S
Band3 8	5	38000	12	#Max	QPSK	21.5 0	2.12	21.4 7	37	23.6 2	37	PAS S
Band3 8	5	38000	25	#0	QPSK	21.5 5	2.12	21.5 2	37	23.6 7	37	PAS S
Band3 8	5	38000	1	#0	16QAM	21.6 8	2.12	21.6 5	37	23.8 0	37	PAS S
Band3 8	5	38000	1	#Mid	16QAM	21.5 5	2.12	21.5 2	37	23.6 7	37	PAS S
Band3 8	5	38000	1	#Max	16QAM	21.6 3	2.12	21.6 0	37	23.7 5	37	PAS S
Band3 8	5	38000	12	#0	16QAM	20.4 7	2.12	20.4 4	37	22.5 9	37	PAS S
Band3 8	5	38000	12	#Mid	16QAM	20.3 6	2.12	20.3 3	37	22.4 8	37	PAS S
Band3 8	5	38000	12	#Max	16QAM	20.3 2	2.12	20.2 9	37	22.4 4	37	PAS S
Band3 8	5	38000	25	#0	16QAM	20.7 8	2.12	20.7 5	37	22.9 0	37	PAS S
Band3 8	5	38225	1	#0	QPSK	22.3 2	2.12	22.2 9	37	24.4 4	37	PAS S
Band3 8	5	38225	1	#Mid	QPSK	22.3 9	2.12	22.3 6	37	24.5 1	37	PAS S
Band3 8	5	38225	1	#Max	QPSK	22.5 0	2.12	22.4 7	37	24.6 2	37	PAS S
Band3 8	5	38225	12	#0	QPSK	21.4 1	2.12	21.3 8	37	23.5 3	37	PAS S
Band3 8	5	38225	12	#Mid	QPSK	21.3 7	2.12	21.3 4	37	23.4 9	37	PAS S
Band3 8	5	38225	12	#Max	QPSK	21.4 0	2.12	21.3 7	37	23.5 2	37	PAS S
Band3 8	5	38225	25	#0	QPSK	21.4 4	2.12	21.4 1	37	23.5 6	37	PAS S
Band3 8	5	38225	1	#0	16QAM	21.3 8	2.12	21.3 5	37	23.5 0	37	PAS S
Band3 8	5	38225	1	#Mid	16QAM	21.3 6	2.12	21.3 3	37	23.4 8	37	PAS S
Band3 8	5	38225	1	#Max	16QAM	21.3 9	2.12	21.3 6	37	23.5 1	37	PAS S
Band3 8	5	38225	12	#0	16QAM	20.5 4	2.12	20.5 1	37	22.6 6	37	PAS S
Band3 8	5	38225	12	#Mid	16QAM	20.5 2	2.12	20.4 9	37	22.6 4	37	PAS S

Band3 8	5	38225	12	#Max	16QAM	20.5 2	2.12	20.4 9	37	22.6 4	37	PAS S
Band3 8	5	38225	25	#0	16QAM	20.5 8	2.12	20.5 5	37	22.7 0	37	PAS S
Band3 8	10	37800	1	#0	QPSK	22.5 4	2.12	22.5 1	37	24.6 6	37	PAS S
Band3 8	10	37800	1	#Mid	QPSK	22.5 8	2.12	22.5 5	37	24.7 0	37	PAS S
Band3 8	10	37800	1	#Max	QPSK	22.7 4	2.12	22.7 1	37	24.8 6	37	PAS S
Band3 8	10	37800	25	#0	QPSK	21.5 6	2.12	21.5 3	37	23.6 8	37	PAS S
Band3 8	10	37800	25	#Mid	QPSK	21.5 6	2.12	21.5 3	37	23.6 8	37	PAS S
Band3 8	10	37800	25	#Max	QPSK	21.7 0	2.12	21.6 7	37	23.8 2	37	PAS S
Band3 8	10	37800	50	#0	QPSK	21.2 8	2.12	21.2 5	37	23.4 0	37	PAS S
Band3 8	10	37800	1	#0	16QAM	22.6 7	2.12	22.6 4	37	24.7 9	37	PAS S
Band3 8	10	37800	1	#Mid	16QAM	22.8 4	2.12	22.8 1	37	24.9 6	37	PAS S
Band3 8	10	37800	1	#Max	16QAM	22.8 1	2.12	22.7 8	37	24.9 3	37	PAS S
Band3 8	10	37800	25	#0	16QAM	20.8 5	2.12	20.8 2	37	22.9 7	37	PAS S
Band3 8	10	37800	25	#Mid	16QAM	20.8 5	2.12	20.8 2	37	22.9 7	37	PAS S
Band3 8	10	37800	25	#Max	16QAM	20.9 5	2.12	20.9 2	37	23.0 7	37	PAS S
Band3 8	10	37800	50	#0	16QAM	20.2 4	2.12	20.2 1	37	22.3 6	37	PAS S
Band3 8	10	38000	1	#0	QPSK	22.7 7	2.12	22.7 4	37	24.8 9	37	PAS S
Band3 8	10	38000	1	#Mid	QPSK	22.7 5	2.12	22.7 2	37	24.8 7	37	PAS S
Band3 8	10	38000	1	#Max	QPSK	22.7 8	2.12	22.7 5	37	24.9 0	37	PAS S
Band3 8	10	38000	25	#0	QPSK	21.4 6	2.12	21.4 3	37	23.5 8	37	PAS S
Band3 8	10	38000	25	#Mid	QPSK	21.4 6	2.12	21.4 3	37	23.5 8	37	PAS S
Band3 8	10	38000	25	#Max	QPSK	21.5 8	2.12	21.5 5	37	23.7 0	37	PAS S

Band3 8	10	38000	50	#0	QPSK	21.1 5	2.12	21.1 2	37	23.2 7	37	PAS S
Band3 8	10	38000	1	#0	16QAM	21.8 0	2.12	21.7 7	37	23.9 2	37	PAS S
Band3 8	10	38000	1	#Mid	16QAM	21.6 8	2.12	21.6 5	37	23.8 0	37	PAS S
Band3 8	10	38000	1	#Max	16QAM	21.6 1	2.12	21.5 8	37	23.7 3	37	PAS S
Band3 8	10	38000	25	#0	16QAM	20.8 0	2.12	20.7 7	37	22.9 2	37	PAS S
Band3 8	10	38000	25	#Mid	16QAM	20.8 1	2.12	20.7 8	37	22.9 3	37	PAS S
Band3 8	10	38000	25	#Max	16QAM	20.7 2	2.12	20.6 9	37	22.8 4	37	PAS S
Band3 8	10	38000	50	#0	16QAM	20.3 8	2.12	20.3 5	37	22.5 0	37	PAS S
Band3 8	10	38200	1	#0	QPSK	22.2 6	2.12	22.2 3	37	24.3 8	37	PAS S
Band3 8	10	38200	1	#Mid	QPSK	22.2 1	2.12	22.1 8	37	24.3 3	37	PAS S
Band3 8	10	38200	1	#Max	QPSK	22.3 3	2.12	22.3 0	37	24.4 5	37	PAS S
Band3 8	10	38200	25	#0	QPSK	21.3 3	2.12	21.3 0	37	23.4 5	37	PAS S
Band3 8	10	38200	25	#Mid	QPSK	21.3 5	2.12	21.3 2	37	23.4 7	37	PAS S
Band3 8	10	38200	25	#Max	QPSK	21.4 4	2.12	21.4 1	37	23.5 6	37	PAS S
Band3 8	10	38200	50	#0	QPSK	21.0 4	2.12	21.0 1	37	23.1 6	37	PAS S
Band3 8	10	38200	1	#0	16QAM	21.8 3	2.12	21.8 0	37	23.9 5	37	PAS S
Band3 8	10	38200	1	#Mid	16QAM	21.7 8	2.12	21.7 5	37	23.9 0	37	PAS S
Band3 8	10	38200	1	#Max	16QAM	22.2 5	2.12	22.2 2	37	24.3 7	37	PAS S
Band3 8	10	38200	25	#0	16QAM	20.5 5	2.12	20.5 2	37	22.6 7	37	PAS S
Band3 8	10	38200	25	#Mid	16QAM	20.6 1	2.12	20.5 8	37	22.7 3	37	PAS S
Band3 8	10	38200	25	#Max	16QAM	20.6 6	2.12	20.6 3	37	22.7 8	37	PAS S
Band3 8	10	38200	50	#0	16QAM	20.1 9	2.12	20.1 6	37	22.3 1	37	PAS S

Band3 8	15	37825	1	#0	QPSK	22.4 7	2.12	22.4 4	37	24.5 9	37	PAS S
Band3 8	15	37825	1	#Mid	QPSK	22.6 0	2.12	22.5 7	37	24.7 2	37	PAS S
Band3 8	15	37825	1	#Max	QPSK	22.5 4	2.12	22.5 1	37	24.6 6	37	PAS S
Band3 8	15	37825	36	#0	QPSK	21.6 3	2.12	21.6 0	37	23.7 5	37	PAS S
Band3 8	15	37825	36	#Mid	QPSK	21.6 2	2.12	21.5 9	37	23.7 4	37	PAS S
Band3 8	15	37825	36	#Max	QPSK	21.6 2	2.12	21.5 9	37	23.7 4	37	PAS S
Band3 8	15	37825	75	#0	QPSK	21.1 9	2.12	21.1 6	37	23.3 1	37	PAS S
Band3 8	15	37825	1	#0	16QAM	22.6 9	2.12	22.6 6	37	24.8 1	37	PAS S
Band3 8	15	37825	1	#Mid	16QAM	22.7 0	2.12	22.6 7	37	24.8 2	37	PAS S
Band3 8	15	37825	1	#Max	16QAM	22.8 5	2.12	22.8 2	37	24.9 7	37	PAS S
Band3 8	15	37825	36	#0	16QAM	20.6 2	2.12	20.5 9	37	22.7 4	37	PAS S
Band3 8	15	37825	36	#Mid	16QAM	20.7 2	2.12	20.6 9	37	22.8 4	37	PAS S
Band3 8	15	37825	36	#Max	16QAM	20.6 9	2.12	20.6 6	37	22.8 1	37	PAS S
Band3 8	15	37825	75	#0	16QAM	20.4 1	2.12	20.3 8	37	22.5 3	37	PAS S
Band3 8	15	38000	1	#0	QPSK	22.8 8	2.12	22.8 5	37	25.0 0	37	PAS S
Band3 8	15	38000	1	#Mid	QPSK	22.7 3	2.12	22.7 0	37	24.8 5	37	PAS S
Band3 8	15	38000	1	#Max	QPSK	22.6 2	2.12	22.5 9	37	24.7 4	37	PAS S
Band3 8	15	38000	36	#0	QPSK	21.5 5	2.12	21.5 2	37	23.6 7	37	PAS S
Band3 8	15	38000	36	#Mid	QPSK	21.5 0	2.12	21.4 7	37	23.6 2	37	PAS S
Band3 8	15	38000	36	#Max	QPSK	21.4 6	2.12	21.4 3	37	23.5 8	37	PAS S
Band3 8	15	38000	75	#0	QPSK	21.0 7	2.12	21.0 4	37	23.1 9	37	PAS S
Band3 8	15	38000	1	#0	16QAM	21.7 9	2.12	21.7 6	37	23.9 1	37	PAS S

Band3 8	15	38000	1	#Mid	16QAM	21.7 0	2.12	21.6 7	37	23.8 2	37	PAS S
Band3 8	15	38000	1	#Max	16QAM	21.6 8	2.12	21.6 5	37	23.8 0	37	PAS S
Band3 8	15	38000	36	#0	16QAM	20.7 3	2.12	20.7 0	37	22.8 5	37	PAS S
Band3 8	15	38000	36	#Mid	16QAM	20.6 3	2.12	20.6 0	37	22.7 5	37	PAS S
Band3 8	15	38000	36	#Max	16QAM	20.6 5	2.12	20.6 2	37	22.7 7	37	PAS S
Band3 8	15	38000	75	#0	16QAM	20.3 8	2.12	20.3 5	37	22.5 0	37	PAS S
Band3 8	15	38175	1	#0	QPSK	22.4 0	2.12	22.3 7	37	24.5 2	37	PAS S
Band3 8	15	38175	1	#Mid	QPSK	22.4 3	2.12	22.4 0	37	24.5 5	37	PAS S
Band3 8	15	38175	1	#Max	QPSK	22.5 0	2.12	22.4 7	37	24.6 2	37	PAS S
Band3 8	15	38175	36	#0	QPSK	21.2 9	2.12	21.2 6	37	23.4 1	37	PAS S
Band3 8	15	38175	36	#Mid	QPSK	21.4 0	2.12	21.3 7	37	23.5 2	37	PAS S
Band3 8	15	38175	36	#Max	QPSK	21.4 2	2.12	21.3 9	37	23.5 4	37	PAS S
Band3 8	15	38175	75	#0	QPSK	21.0 3	2.12	21.0 0	37	23.1 5	37	PAS S
Band3 8	15	38175	1	#0	16QAM	21.7 0	2.12	21.6 7	37	23.8 2	37	PAS S
Band3 8	15	38175	1	#Mid	16QAM	21.6 5	2.12	21.6 2	37	23.7 7	37	PAS S
Band3 8	15	38175	1	#Max	16QAM	21.7 0	2.12	21.6 7	37	23.8 2	37	PAS S
Band3 8	15	38175	36	#0	16QAM	20.4 8	2.12	20.4 5	37	22.6 0	37	PAS S
Band3 8	15	38175	36	#Mid	16QAM	20.4 7	2.12	20.4 4	37	22.5 9	37	PAS S
Band3 8	15	38175	36	#Max	16QAM	20.5 5	2.12	20.5 2	37	22.6 7	37	PAS S
Band3 8	15	38175	75	#0	16QAM	20.2 4	2.12	20.2 1	37	22.3 6	37	PAS S
Band3 8	20	37850	1	#0	QPSK	22.5 2	2.12	22.4 9	37	24.6 4	37	PAS S
Band3 8	20	37850	1	#Mid	QPSK	22.5 7	2.12	22.5 4	37	24.6 9	37	PAS S

Band3 8	20	37850	1	#Max	QPSK	22.6 0	2.12	22.5 7	37	24.7 2	37	PAS S
Band3 8	20	37850	50	#0	QPSK	21.6 4	2.12	21.6 1	37	23.7 6	37	PAS S
Band3 8	20	37850	50	#Mid	QPSK	21.5 8	2.12	21.5 5	37	23.7 0	37	PAS S
Band3 8	20	37850	50	#Max	QPSK	21.6 2	2.12	21.5 9	37	23.7 4	37	PAS S
Band3 8	20	37850	10 0	#0	QPSK	21.1 7	2.12	21.1 4	37	23.2 9	37	PAS S
Band3 8	20	37850	1	#0	16QAM	21.4 9	2.12	21.4 6	37	23.6 1	37	PAS S
Band3 8	20	37850	1	#Mid	16QAM	21.6 4	2.12	21.6 1	37	23.7 6	37	PAS S
Band3 8	20	37850	1	#Max	16QAM	21.5 9	2.12	21.5 6	37	23.7 1	37	PAS S
Band3 8	20	37850	50	#0	16QAM	20.8 1	2.12	20.7 8	37	22.9 3	37	PAS S
Band3 8	20	37850	50	#Mid	16QAM	20.8 9	2.12	20.8 6	37	23.0 1	37	PAS S
Band3 8	20	37850	50	#Max	16QAM	20.9 5	2.12	20.9 2	37	23.0 7	37	PAS S
Band3 8	20	37850	10 0	#0	16QAM	20.3 4	2.12	20.3 1	37	22.4 6	37	PAS S
Band3 8	20	38000	1	#0	QPSK	22.3 0	2.12	22.2 7	37	24.4 2	37	PAS S
Band3 8	20	38000	1	#Mid	QPSK	22.2 8	2.12	22.2 5	37	24.4 0	37	PAS S
Band3 8	20	38000	1	#Max	QPSK	22.1 7	2.12	22.1 4	37	24.2 9	37	PAS S
Band3 8	20	38000	50	#0	QPSK	21.5 8	2.12	21.5 5	37	23.7 0	37	PAS S
Band3 8	20	38000	50	#Mid	QPSK	21.5 0	2.12	21.4 7	37	23.6 2	37	PAS S
Band3 8	20	38000	50	#Max	QPSK	21.5 1	2.12	21.4 8	37	23.6 3	37	PAS S
Band3 8	20	38000	10 0	#0	QPSK	21.1 2	2.12	21.0 9	37	23.2 4	37	PAS S
Band3 8	20	38000	1	#0	16QAM	22.2 6	2.12	22.2 3	37	24.3 8	37	PAS S
Band3 8	20	38000	1	#Mid	16QAM	21.9 4	2.12	21.9 1	37	24.0 6	37	PAS S
Band3 8	20	38000	1	#Max	16QAM	22.1 8	2.12	22.1 5	37	24.3 0	37	PAS S

Band3 8	20	38000	50	#0	16QAM	20.6 1	2.12	20.5 8	37	22.7 3	37	PAS S
Band3 8	20	38000	50	#Mid	16QAM	20.5 0	2.12	20.4 7	37	22.6 2	37	PAS S
Band3 8	20	38000	50	#Max	16QAM	20.5 0	2.12	20.4 7	37	22.6 2	37	PAS S
Band3 8	20	38000	10 0	#0	16QAM	20.2 9	2.12	20.2 6	37	22.4 1	37	PAS S
Band3 8	20	38150	1	#0	QPSK	22.3 9	2.12	22.3 6	37	24.5 1	37	PAS S
Band3 8	20	38150	1	#Mid	QPSK	22.3 9	2.12	22.3 6	37	24.5 1	37	PAS S
Band3 8	20	38150	1	#Max	QPSK	22.5 2	2.12	22.4 9	37	24.6 4	37	PAS S
Band3 8	20	38150	50	#0	QPSK	21.3 5	2.12	21.3 2	37	23.4 7	37	PAS S
Band3 8	20	38150	50	#Mid	QPSK	21.2 8	2.12	21.2 5	37	23.4 0	37	PAS S
Band3 8	20	38150	50	#Max	QPSK	21.4 1	2.12	21.3 8	37	23.5 3	37	PAS S
Band3 8	20	38150	10 0	#0	QPSK	21.0 6	2.12	21.0 3	37	23.1 8	37	PAS S
Band3 8	20	38150	1	#0	16QAM	21.8 1	2.12	21.7 8	37	23.9 3	37	PAS S
Band3 8	20	38150	1	#Mid	16QAM	21.3 1	2.12	21.2 8	37	23.4 3	37	PAS S
Band3 8	20	38150	1	#Max	16QAM	21.6 4	2.12	21.6 1	37	23.7 6	37	PAS S
Band3 8	20	38150	50	#0	16QAM	20.5 9	2.12	20.5 6	37	22.7 1	37	PAS S
Band3 8	20	38150	50	#Mid	16QAM	20.4 7	2.12	20.4 4	37	22.5 9	37	PAS S
Band3 8	20	38150	50	#Max	16QAM	20.6 4	2.12	20.6 1	37	22.7 6	37	PAS S
Band3 8	20	38150	10 0	#0	16QAM	20.1 0	2.12	20.0 7	37	22.2 2	37	PAS S

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band 38	5	37775	25	#0	QPSK	LV	NT	6.52	0.003	-2.5	2.5	PASS
Band 38	5	37775	25	#0	QPSK	NV	NT	5.35	0.002	-2.5	2.5	PASS
Band 38	5	37775	25	#0	QPSK	HV	NT	4.94	0.002	-2.5	2.5	PASS
Band 38	5	37775	25	#0	16QAM	LV	NT	4.86	0.002	-2.5	2.5	PASS
Band 38	5	37775	25	#0	16QAM	NV	NT	6.72	0.003	-2.5	2.5	PASS
Band 38	5	37775	25	#0	16QAM	HV	NT	8.45	0.003	-2.5	2.5	PASS
Band 38	5	38000	25	#0	QPSK	LV	NT	8.31	0.003	-2.5	2.5	PASS
Band 38	5	38000	25	#0	QPSK	NV	NT	12.70	0.005	-2.5	2.5	PASS
Band 38	5	38000	25	#0	QPSK	HV	NT	15.12	0.006	-2.5	2.5	PASS
Band 38	5	38000	25	#0	16QAM	LV	NT	16.11	0.006	-2.5	2.5	PASS
Band 38	5	38000	25	#0	16QAM	NV	NT	18.58	0.007	-2.5	2.5	PASS
Band 38	5	38000	25	#0	16QAM	HV	NT	20.41	0.008	-2.5	2.5	PASS
Band 38	5	38225	25	#0	QPSK	LV	NT	10.00	0.004	-2.5	2.5	PASS
Band 38	5	38225	25	#0	QPSK	NV	NT	14.10	0.005	-2.5	2.5	PASS
Band 38	5	38225	25	#0	QPSK	HV	NT	17.97	0.007	-2.5	2.5	PASS
Band 38	5	38225	25	#0	16QAM	LV	NT	25.06	0.010	-2.5	2.5	PASS
Band 38	5	38225	25	#0	16QAM	NV	NT	30.07	0.011	-2.5	2.5	PASS
Band 38	5	38225	25	#0	16QAM	HV	NT	35.75	0.014	-2.5	2.5	PASS

Band 38	10	37800	50	#0	QPSK	LV	NT	26.08	0.010	-2.5	2.5	PASS
Band 38	10	37800	50	#0	QPSK	NV	NT	31.91	0.012	-2.5	2.5	PASS
Band 38	10	37800	50	#0	QPSK	HV	NT	33.29	0.013	-2.5	2.5	PASS
Band 38	10	37800	50	#0	16QAM	LV	NT	-9.44	-0.004	-2.5	2.5	PASS
Band 38	10	37800	50	#0	16QAM	NV	NT	15.61	0.006	-2.5	2.5	PASS
Band 38	10	37800	50	#0	16QAM	HV	NT	12.15	0.005	-2.5	2.5	PASS
Band 38	10	38000	50	#0	QPSK	LV	NT	-4.18	-0.002	-2.5	2.5	PASS
Band 38	10	38000	50	#0	QPSK	NV	NT	-4.18	-0.002	-2.5	2.5	PASS
Band 38	10	38000	50	#0	QPSK	HV	NT	-3.33	-0.001	-2.5	2.5	PASS
Band 38	10	38000	50	#0	16QAM	LV	NT	-1.46	-0.001	-2.5	2.5	PASS
Band 38	10	38000	50	#0	16QAM	NV	NT	0.67	0.000	-2.5	2.5	PASS
Band 38	10	38000	50	#0	16QAM	HV	NT	2.85	0.001	-2.5	2.5	PASS
Band 38	10	38200	50	#0	QPSK	LV	NT	-6.28	-0.002	-2.5	2.5	PASS
Band 38	10	38200	50	#0	QPSK	NV	NT	-3.95	-0.002	-2.5	2.5	PASS
Band 38	10	38200	50	#0	QPSK	HV	NT	-0.41	0.000	-2.5	2.5	PASS
Band 38	10	38200	50	#0	16QAM	LV	NT	-8.68	-0.003	-2.5	2.5	PASS
Band 38	10	38200	50	#0	16QAM	NV	NT	-17.07	-0.007	-2.5	2.5	PASS
Band 38	10	38200	50	#0	16QAM	HV	NT	-19.57	-0.007	-2.5	2.5	PASS
Band 38	15	37825	75	#0	QPSK	LV	NT	-5.54	-0.002	-2.5	2.5	PASS
Band 38	15	37825	75	#0	QPSK	NV	NT	-1.99	-0.001	-2.5	2.5	PASS
Band 38	15	37825	75	#0	QPSK	HV	NT	-3.52	-0.001	-2.5	2.5	PASS
Band 38	15	37825	75	#0	16QAM	LV	NT	-2.36	-0.001	-2.5	2.5	PASS

Band 38	15	37825	75	#0	16QAM	NV	NT	6.55	0.00 3	-2.5	2.5	PAS S
Band 38	15	37825	75	#0	16QAM	HV	NT	20.7 0	0.00 8	-2.5	2.5	PAS S
Band 38	15	38000	75	#0	QPSK	LV	NT	5.09	0.00 2	-2.5	2.5	PAS S
Band 38	15	38000	75	#0	QPSK	NV	NT	12.9 5	0.00 5	-2.5	2.5	PAS S
Band 38	15	38000	75	#0	QPSK	HV	NT	19.0 0	0.00 7	-2.5	2.5	PAS S
Band 38	15	38000	75	#0	16QAM	LV	NT	25.0 5	0.01 0	-2.5	2.5	PAS S
Band 38	15	38000	75	#0	16QAM	NV	NT	33.1 4	0.01 3	-2.5	2.5	PAS S
Band 38	15	38000	75	#0	16QAM	HV	NT	41.5 4	0.01 6	-2.5	2.5	PAS S
Band 38	15	38175	75	#0	QPSK	LV	NT	22.2 3	0.00 9	-2.5	2.5	PAS S
Band 38	15	38175	75	#0	QPSK	NV	NT	32.6 7	0.01 3	-2.5	2.5	PAS S
Band 38	15	38175	75	#0	QPSK	HV	NT	37.7 9	0.01 4	-2.5	2.5	PAS S
Band 38	15	38175	75	#0	16QAM	LV	NT	45.3 3	0.01 7	-2.5	2.5	PAS S
Band 38	15	38175	75	#0	16QAM	NV	NT	0.96	0.00 0	-2.5	2.5	PAS S
Band 38	15	38175	75	#0	16QAM	HV	NT	-3.6 6	-0.0 01	-2.5	2.5	PAS S
Band 38	20	37850	10 0	#0	QPSK	LV	NT	-14. 93	-0.0 06	-2.5	2.5	PAS S
Band 38	20	37850	10 0	#0	QPSK	NV	NT	30.2 8	0.01 2	-2.5	2.5	PAS S
Band 38	20	37850	10 0	#0	QPSK	HV	NT	27.4 8	0.01 1	-2.5	2.5	PAS S
Band 38	20	37850	10 0	#0	16QAM	LV	NT	26.3 9	0.01 0	-2.5	2.5	PAS S
Band 38	20	37850	10 0	#0	16QAM	NV	NT	29.5 7	0.01 1	-2.5	2.5	PAS S
Band 38	20	37850	10 0	#0	16QAM	HV	NT	35.9 8	0.01 4	-2.5	2.5	PAS S
Band 38	20	38000	10 0	#0	QPSK	LV	NT	5.34	0.00 2	-2.5	2.5	PAS S
Band 38	20	38000	10 0	#0	QPSK	NV	NT	7.72	0.00 3	-2.5	2.5	PAS S

Band 38	20	38000	100	#0	QPSK	HV	NT	9.37	0.004	-2.5	2.5	PASS
Band 38	20	38000	100	#0	16QAM	LV	NT	15.15	0.006	-2.5	2.5	PASS
Band 38	20	38000	100	#0	16QAM	NV	NT	18.67	0.007	-2.5	2.5	PASS
Band 38	20	38000	100	#0	16QAM	HV	NT	27.62	0.011	-2.5	2.5	PASS
Band 38	20	38150	100	#0	QPSK	LV	NT	-17.68	-0.007	-2.5	2.5	PASS
Band 38	20	38150	100	#0	QPSK	NV	NT	-13.05	-0.005	-2.5	2.5	PASS
Band 38	20	38150	100	#0	QPSK	HV	NT	-9.01	-0.003	-2.5	2.5	PASS
Band 38	20	38150	100	#0	16QAM	LV	NT	-2.57	-0.001	-2.5	2.5	PASS
Band 38	20	38150	100	#0	16QAM	NV	NT	14.65	0.006	-2.5	2.5	PASS
Band 38	20	38150	100	#0	16QAM	HV	NT	1.52	0.001	-2.5	2.5	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
Band38	5	37775	25	#0	QPSK	NV	-30	-3.06	-0.001	-2.5	2.5	PASS
Band38	5	37775	25	#0	QPSK	NV	-20	-7.18	-0.003	-2.5	2.5	PASS
Band38	5	37775	25	#0	QPSK	NV	0	2.70	0.001	-2.5	2.5	PASS
Band38	5	37775	25	#0	QPSK	NV	10	-7.34	-0.003	-2.5	2.5	PASS
Band38	5	37775	25	#0	QPSK	NV	20	-12.25	-0.005	-2.5	2.5	PASS
Band38	5	37775	25	#0	16QAM	NV	-30	0.14	0.000	-2.5	2.5	PASS
Band38	5	37775	25	#0	16QAM	NV	-20	-6.58	-0.003	-2.5	2.5	PASS
Band38	5	37775	25	#0	16QAM	NV	0	-2.55	-0.001	-2.5	2.5	PASS
Band38	5	37775	25	#0	16QAM	NV	10	-9.41	-0.004	-2.5	2.5	PASS

Band3 8	5	37775	25	#0	16QAM	NV	20	3.33	0.001	-2.5	2.5	PASS
Band3 8	5	38000	25	#0	QPSK	NV	-30	-7.93	-0.00 3	-2.5	2.5	PASS
Band3 8	5	38000	25	#0	QPSK	NV	-20	1.19	0.000	-2.5	2.5	PASS
Band3 8	5	38000	25	#0	QPSK	NV	0	-1.29	0.000	-2.5	2.5	PASS
Band3 8	5	38000	25	#0	QPSK	NV	10	-4.86	-0.00 2	-2.5	2.5	PASS
Band3 8	5	38000	25	#0	QPSK	NV	20	-6.08	-0.00 2	-2.5	2.5	PASS
Band3 8	5	38000	25	#0	16QAM	NV	-30	-3.03	-0.00 1	-2.5	2.5	PASS
Band3 8	5	38000	25	#0	16QAM	NV	-20	-2.96	-0.00 1	-2.5	2.5	PASS
Band3 8	5	38000	25	#0	16QAM	NV	0	-2.15	-0.00 1	-2.5	2.5	PASS
Band3 8	5	38000	25	#0	16QAM	NV	10	0.19	0.000	-2.5	2.5	PASS
Band3 8	5	38000	25	#0	16QAM	NV	20	-4.81	-0.00 2	-2.5	2.5	PASS
Band3 8	5	38225	25	#0	QPSK	NV	-30	-4.55	-0.00 2	-2.5	2.5	PASS
Band3 8	5	38225	25	#0	QPSK	NV	-20	-4.55	-0.00 2	-2.5	2.5	PASS
Band3 8	5	38225	25	#0	QPSK	NV	0	-5.84	-0.00 2	-2.5	2.5	PASS
Band3 8	5	38225	25	#0	QPSK	NV	10	-0.41	0.000	-2.5	2.5	PASS
Band3 8	5	38225	25	#0	QPSK	NV	20	-2.27	-0.00 1	-2.5	2.5	PASS
Band3 8	5	38225	25	#0	16QAM	NV	-30	-5.38	-0.00 2	-2.5	2.5	PASS
Band3 8	5	38225	25	#0	16QAM	NV	-20	-2.47	-0.00 1	-2.5	2.5	PASS
Band3 8	5	38225	25	#0	16QAM	NV	0	4.25	0.002	-2.5	2.5	PASS
Band3 8	5	38225	25	#0	16QAM	NV	10	1.06	0.000	-2.5	2.5	PASS
Band3 8	5	38225	25	#0	16QAM	NV	20	-1.00	0.000	-2.5	2.5	PASS
Band3 8	10	37800	50	#0	QPSK	NV	-30	-5.46	-0.00 2	-2.5	2.5	PASS

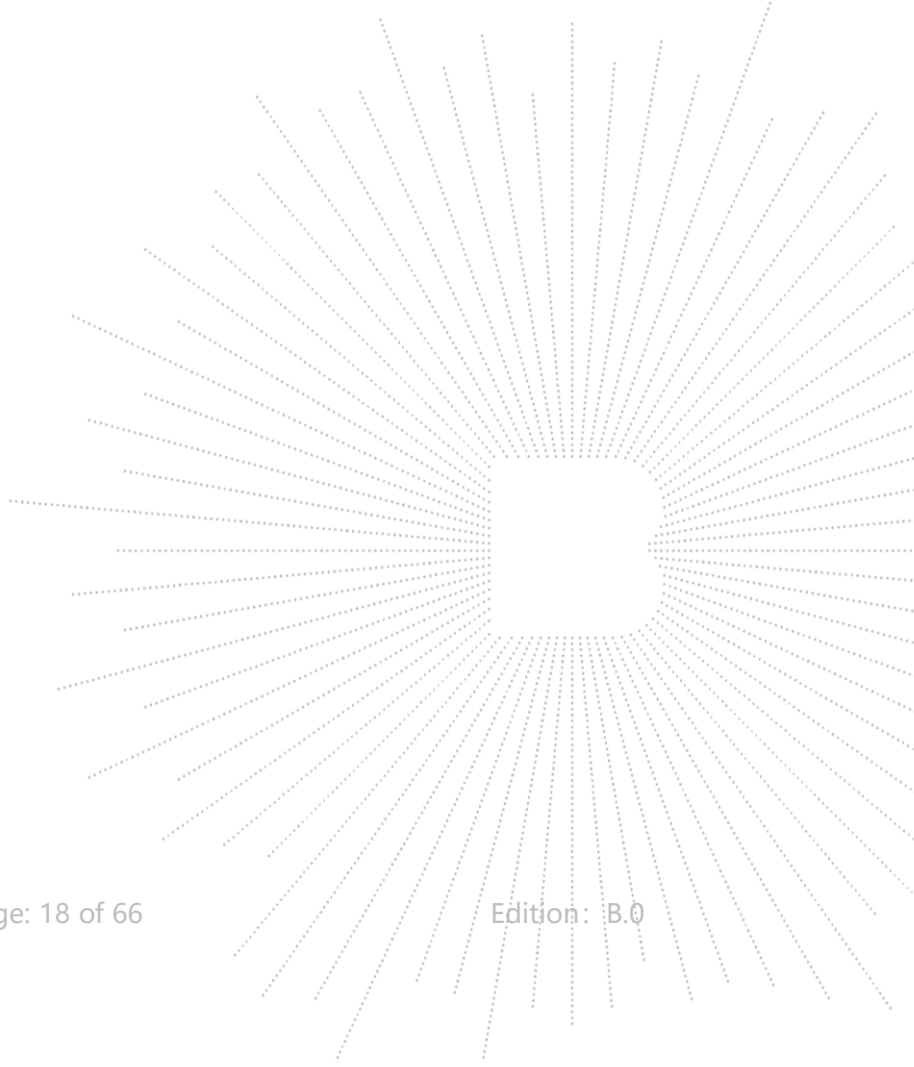
Band3 8	10	37800	50	#0	QPSK	NV	-20	-7.02	-0.00 3	-2.5	2.5	PASS
Band3 8	10	37800	50	#0	QPSK	NV	0	5.02	0.002	-2.5	2.5	PASS
Band3 8	10	37800	50	#0	QPSK	NV	10	-6.57	-0.00 3	-2.5	2.5	PASS
Band3 8	10	37800	50	#0	QPSK	NV	20	-5.61	-0.00 2	-2.5	2.5	PASS
Band3 8	10	37800	50	#0	16QAM	NV	-30	-5.69	-0.00 2	-2.5	2.5	PASS
Band3 8	10	37800	50	#0	16QAM	NV	-20	-4.03	-0.00 2	-2.5	2.5	PASS
Band3 8	10	37800	50	#0	16QAM	NV	0	-4.36	-0.00 2	-2.5	2.5	PASS
Band3 8	10	37800	50	#0	16QAM	NV	10	-1.56	-0.00 1	-2.5	2.5	PASS
Band3 8	10	37800	50	#0	16QAM	NV	20	-1.57	-0.00 1	-2.5	2.5	PASS
Band3 8	10	38000	50	#0	QPSK	NV	-30	-7.48	-0.00 3	-2.5	2.5	PASS
Band3 8	10	38000	50	#0	QPSK	NV	-20	-5.62	-0.00 2	-2.5	2.5	PASS
Band3 8	10	38000	50	#0	QPSK	NV	0	-1.96	-0.00 1	-2.5	2.5	PASS
Band3 8	10	38000	50	#0	QPSK	NV	10	2.90	0.001	-2.5	2.5	PASS
Band3 8	10	38000	50	#0	QPSK	NV	20	-4.66	-0.00 2	-2.5	2.5	PASS
Band3 8	10	38000	50	#0	16QAM	NV	-30	1.17	0.000	-2.5	2.5	PASS
Band3 8	10	38000	50	#0	16QAM	NV	-20	-3.83	-0.00 1	-2.5	2.5	PASS
Band3 8	10	38000	50	#0	16QAM	NV	0	-1.96	-0.00 1	-2.5	2.5	PASS
Band3 8	10	38000	50	#0	16QAM	NV	10	-7.04	-0.00 3	-2.5	2.5	PASS
Band3 8	10	38000	50	#0	16QAM	NV	20	1.59	0.001	-2.5	2.5	PASS
Band3 8	10	38200	50	#0	QPSK	NV	-30	-2.92	-0.00 1	-2.5	2.5	PASS
Band3 8	10	38200	50	#0	QPSK	NV	-20	0.11	0.000	-2.5	2.5	PASS
Band3 8	10	38200	50	#0	QPSK	NV	0	0.16	0.000	-2.5	2.5	PASS

Band3 8	10	38200	50	#0	QPSK	NV	10	-21.8 3	-0.00 8	-2.5	2.5	PASS
Band3 8	10	38200	50	#0	QPSK	NV	20	6.08	0.002	-2.5	2.5	PASS
Band3 8	10	38200	50	#0	16QAM	NV	-30	-3.16	-0.00 1	-2.5	2.5	PASS
Band3 8	10	38200	50	#0	16QAM	NV	-20	-3.72	-0.00 1	-2.5	2.5	PASS
Band3 8	10	38200	50	#0	16QAM	NV	0	1.32	0.001	-2.5	2.5	PASS
Band3 8	10	38200	50	#0	16QAM	NV	10	0.07	0.000	-2.5	2.5	PASS
Band3 8	10	38200	50	#0	16QAM	NV	20	-4.43	-0.00 2	-2.5	2.5	PASS
Band3 8	15	37825	75	#0	QPSK	NV	-30	-5.28	-0.00 2	-2.5	2.5	PASS
Band3 8	15	37825	75	#0	QPSK	NV	-20	-6.92	-0.00 3	-2.5	2.5	PASS
Band3 8	15	37825	75	#0	QPSK	NV	0	-7.05	-0.00 3	-2.5	2.5	PASS
Band3 8	15	37825	75	#0	QPSK	NV	10	-4.09	-0.00 2	-2.5	2.5	PASS
Band3 8	15	37825	75	#0	QPSK	NV	20	-8.74	-0.00 3	-2.5	2.5	PASS
Band3 8	15	37825	75	#0	16QAM	NV	-30	-1.34	-0.00 1	-2.5	2.5	PASS
Band3 8	15	37825	75	#0	16QAM	NV	-20	-11.09	-0.00 4	-2.5	2.5	PASS
Band3 8	15	37825	75	#0	16QAM	NV	0	0.62	0.000	-2.5	2.5	PASS
Band3 8	15	37825	75	#0	16QAM	NV	10	-14.8 5	-0.00 6	-2.5	2.5	PASS
Band3 8	15	37825	75	#0	16QAM	NV	20	2.56	0.001	-2.5	2.5	PASS
Band3 8	15	38000	75	#0	QPSK	NV	-30	-5.06	-0.00 2	-2.5	2.5	PASS
Band3 8	15	38000	75	#0	QPSK	NV	-20	-3.59	-0.00 1	-2.5	2.5	PASS
Band3 8	15	38000	75	#0	QPSK	NV	0	-1.82	-0.00 1	-2.5	2.5	PASS
Band3 8	15	38000	75	#0	QPSK	NV	10	-3.40	-0.00 1	-2.5	2.5	PASS
Band3 8	15	38000	75	#0	QPSK	NV	20	-7.75	-0.00 3	-2.5	2.5	PASS

Band3 8	15	38000	75	#0	16QAM	NV	-30	-1.96	-0.00 1	-2.5	2.5	PASS
Band3 8	15	38000	75	#0	16QAM	NV	-20	-1.24	0.000	-2.5	2.5	PASS
Band3 8	15	38000	75	#0	16QAM	NV	0	-5.24	-0.00 2	-2.5	2.5	PASS
Band3 8	15	38000	75	#0	16QAM	NV	10	-3.49	-0.00 1	-2.5	2.5	PASS
Band3 8	15	38000	75	#0	16QAM	NV	20	-1.76	-0.00 1	-2.5	2.5	PASS
Band3 8	15	38175	75	#0	QPSK	NV	-30	-4.62	-0.00 2	-2.5	2.5	PASS
Band3 8	15	38175	75	#0	QPSK	NV	-20	-1.20	0.000	-2.5	2.5	PASS
Band3 8	15	38175	75	#0	QPSK	NV	0	-5.72	-0.00 2	-2.5	2.5	PASS
Band3 8	15	38175	75	#0	QPSK	NV	10	1.49	0.001	-2.5	2.5	PASS
Band3 8	15	38175	75	#0	QPSK	NV	20	-1.95	-0.00 1	-2.5	2.5	PASS
Band3 8	15	38175	75	#0	16QAM	NV	-30	-3.62	-0.00 1	-2.5	2.5	PASS
Band3 8	15	38175	75	#0	16QAM	NV	-20	-3.38	-0.00 1	-2.5	2.5	PASS
Band3 8	15	38175	75	#0	16QAM	NV	0	-5.76	-0.00 2	-2.5	2.5	PASS
Band3 8	15	38175	75	#0	16QAM	NV	10	-1.73	-0.00 1	-2.5	2.5	PASS
Band3 8	15	38175	75	#0	16QAM	NV	20	3.95	0.002	-2.5	2.5	PASS
Band3 8	20	37850	100	#0	QPSK	NV	-30	-14.4 5	-0.00 6	-2.5	2.5	PASS
Band3 8	20	37850	100	#0	QPSK	NV	-20	-1.89	-0.00 1	-2.5	2.5	PASS
Band3 8	20	37850	100	#0	QPSK	NV	0	-5.25	-0.00 2	-2.5	2.5	PASS
Band3 8	20	37850	100	#0	QPSK	NV	10	-2.72	-0.00 1	-2.5	2.5	PASS
Band3 8	20	37850	100	#0	QPSK	NV	20	-5.55	-0.00 2	-2.5	2.5	PASS
Band3 8	20	37850	100	#0	16QAM	NV	-30	-3.53	-0.00 1	-2.5	2.5	PASS
Band3 8	20	37850	100	#0	16QAM	NV	-20	3.29	0.001	-2.5	2.5	PASS

Band3 8	20	37850	100	#0	16QAM	NV	0	1.22	0.000	-2.5	2.5	PASS
Band3 8	20	37850	100	#0	16QAM	NV	10	-4.68	-0.00 2	-2.5	2.5	PASS
Band3 8	20	37850	100	#0	16QAM	NV	20	-0.47	0.000	-2.5	2.5	PASS
Band3 8	20	38000	100	#0	QPSK	NV	-30	-3.10	-0.00 1	-2.5	2.5	PASS
Band3 8	20	38000	100	#0	QPSK	NV	-20	3.22	0.001	-2.5	2.5	PASS
Band3 8	20	38000	100	#0	QPSK	NV	0	-2.19	-0.00 1	-2.5	2.5	PASS
Band3 8	20	38000	100	#0	QPSK	NV	10	-0.11	0.000	-2.5	2.5	PASS
Band3 8	20	38000	100	#0	QPSK	NV	20	-2.42	-0.00 1	-2.5	2.5	PASS
Band3 8	20	38000	100	#0	16QAM	NV	-30	-1.00	0.000	-2.5	2.5	PASS
Band3 8	20	38000	100	#0	16QAM	NV	-20	0.70	0.000	-2.5	2.5	PASS
Band3 8	20	38000	100	#0	16QAM	NV	0	-4.28	-0.00 2	-2.5	2.5	PASS
Band3 8	20	38000	100	#0	16QAM	NV	10	-0.39	0.000	-2.5	2.5	PASS
Band3 8	20	38000	100	#0	16QAM	NV	20	0.30	0.000	-2.5	2.5	PASS
Band3 8	20	38150	100	#0	QPSK	NV	-30	3.25	0.001	-2.5	2.5	PASS
Band3 8	20	38150	100	#0	QPSK	NV	-20	-13.8 2	-0.00 5	-2.5	2.5	PASS
Band3 8	20	38150	100	#0	QPSK	NV	0	5.99	0.002	-2.5	2.5	PASS
Band3 8	20	38150	100	#0	QPSK	NV	10	-2.29	-0.00 1	-2.5	2.5	PASS
Band3 8	20	38150	100	#0	QPSK	NV	20	1.14	0.000	-2.5	2.5	PASS
Band3 8	20	38150	100	#0	16QAM	NV	-30	-2.93	-0.00 1	-2.5	2.5	PASS
Band3 8	20	38150	100	#0	16QAM	NV	-20	-2.56	-0.00 1	-2.5	2.5	PASS
Band3 8	20	38150	100	#0	16QAM	NV	0	-0.77	0.000	-2.5	2.5	PASS
Band3 8	20	38150	100	#0	16QAM	NV	10	0.19	0.000	-2.5	2.5	PASS

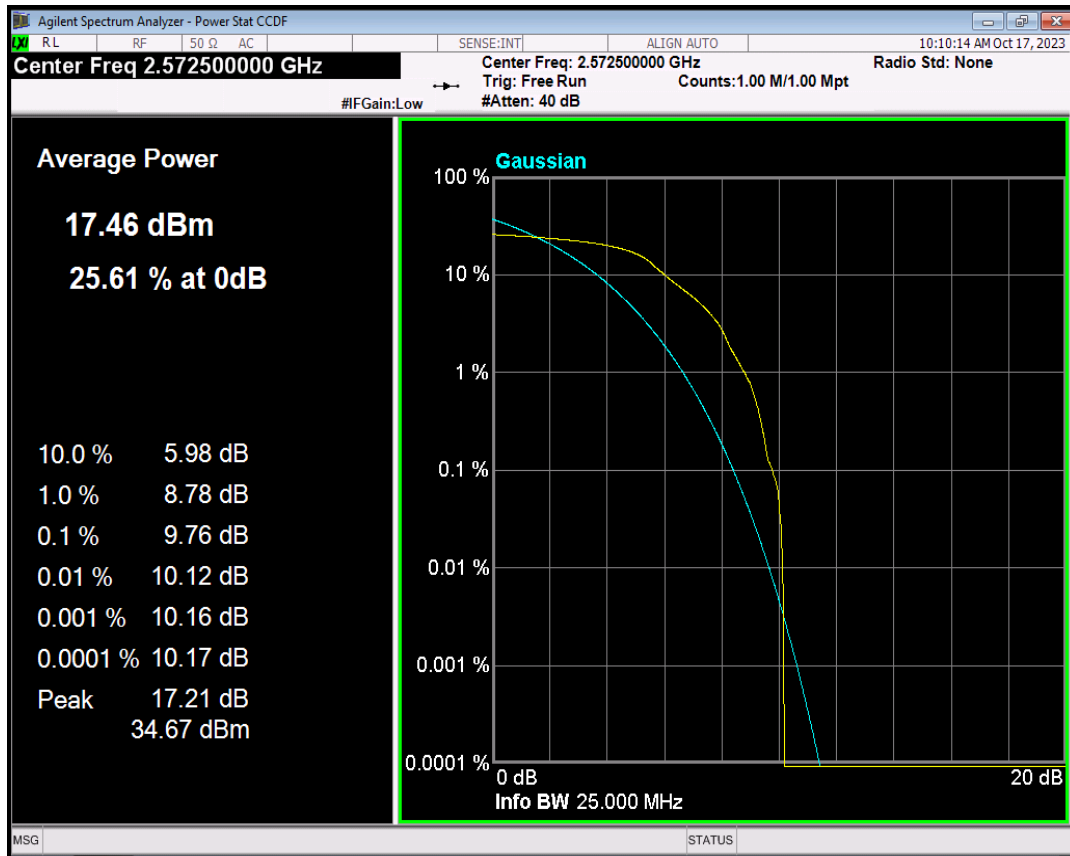
Band3 8	20	38150	100	#0	16QAM	NV	20	-1.75	-0.00 1	-2.5	2.5	PASS
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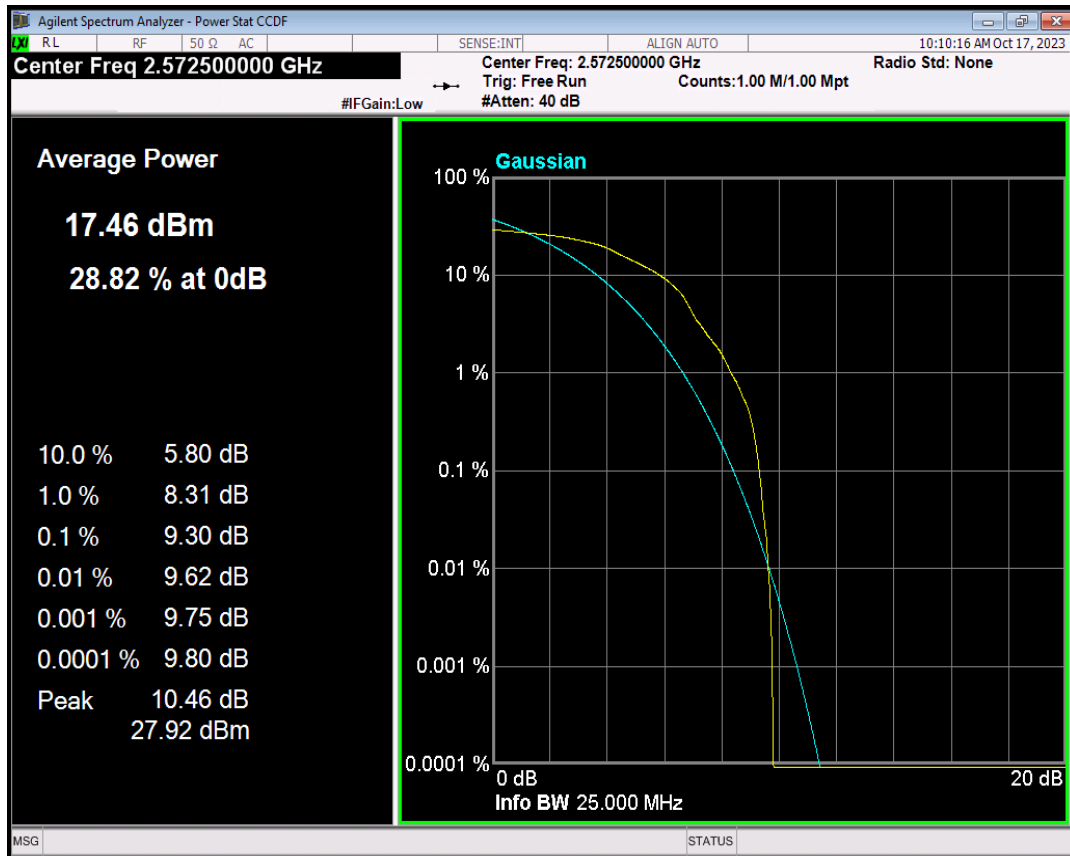
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band38	5	37775	1	#0	QPSK	9.76	13	PASS
Band38	5	37775	1	#0	16QAM	9.30	13	PASS
Band38	5	38000	1	#0	QPSK	7.44	13	PASS
Band38	5	38000	1	#0	16QAM	8.42	13	PASS
Band38	5	38225	1	#0	QPSK	9.27	13	PASS
Band38	5	38225	1	#0	16QAM	9.32	13	PASS
Band38	10	37800	1	#0	QPSK	8.74	13	PASS
Band38	10	37800	1	#0	16QAM	8.37	13	PASS
Band38	10	38000	1	#0	QPSK	6.96	13	PASS
Band38	10	38000	1	#0	16QAM	8.82	13	PASS
Band38	10	38200	1	#0	QPSK	6.71	13	PASS
Band38	10	38200	1	#0	16QAM	8.97	13	PASS
Band38	15	37825	1	#0	QPSK	7.84	13	PASS
Band38	15	37825	1	#0	16QAM	10.16	13	PASS
Band38	15	38000	1	#0	QPSK	7.89	13	PASS
Band38	15	38000	1	#0	16QAM	9.29	13	PASS
Band38	15	38175	1	#0	QPSK	6.25	13	PASS
Band38	15	38175	1	#0	16QAM	8.69	13	PASS
Band38	20	37850	1	#0	QPSK	7.81	13	PASS
Band38	20	37850	1	#0	16QAM	8.15	13	PASS
Band38	20	38000	1	#0	QPSK	7.18	13	PASS
Band38	20	38000	1	#0	16QAM	8.10	13	PASS
Band38	20	38150	1	#0	QPSK	7.11	13	PASS
Band38	20	38150	1	#0	16QAM	7.73	13	PASS

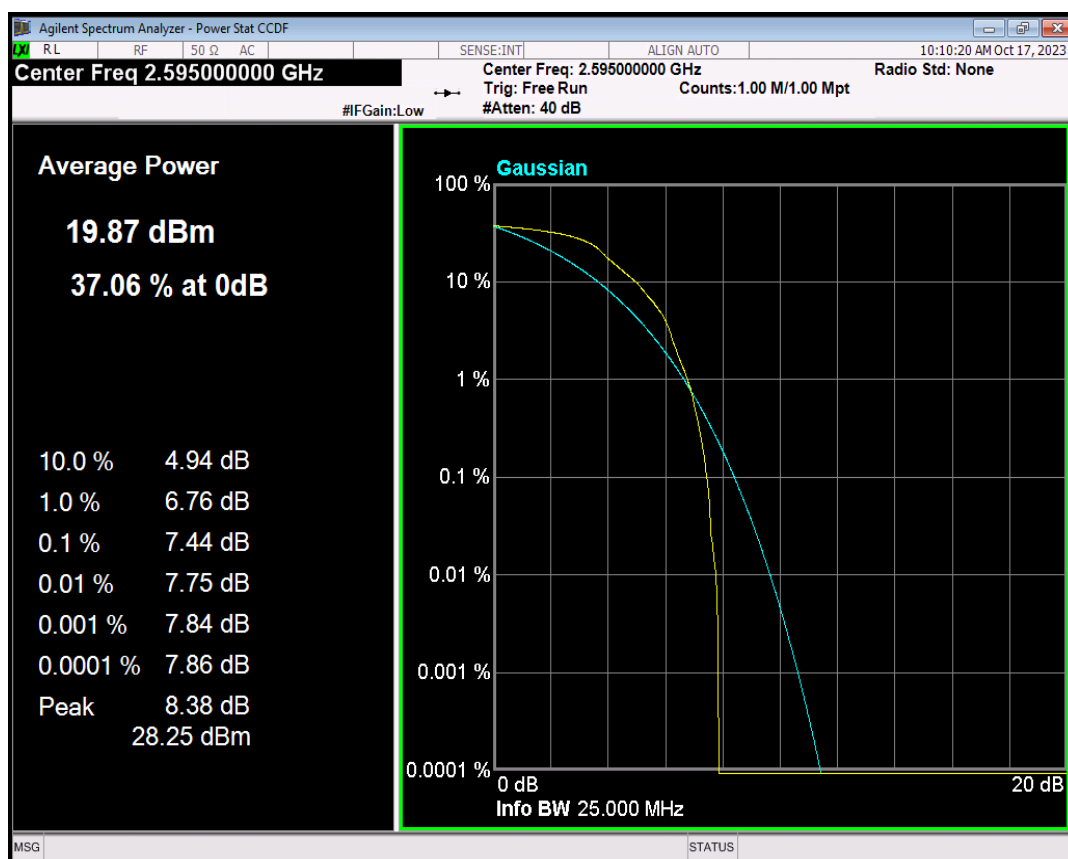
Band38 QPSK BW=5MHz Channel=37775 RB Size=1 Position=#0



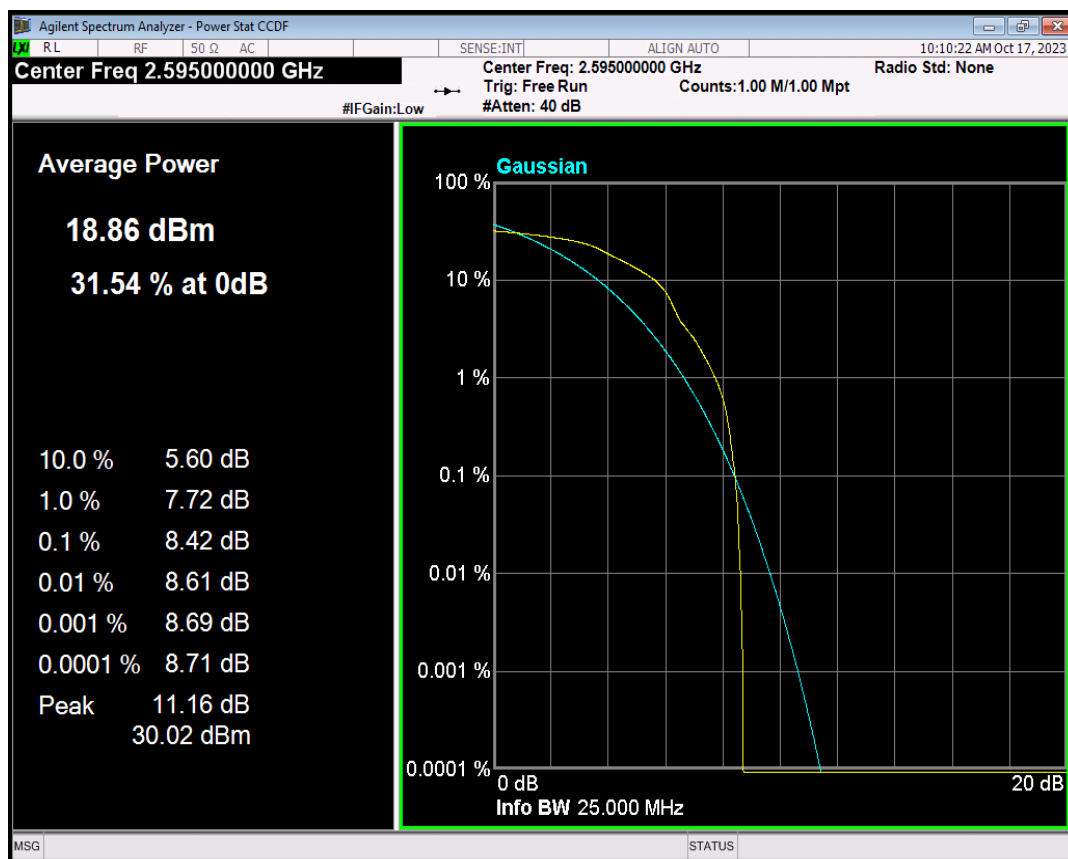
Band38 16QAM BW=5MHz Channel=37775 RB Size=1 Position=#0



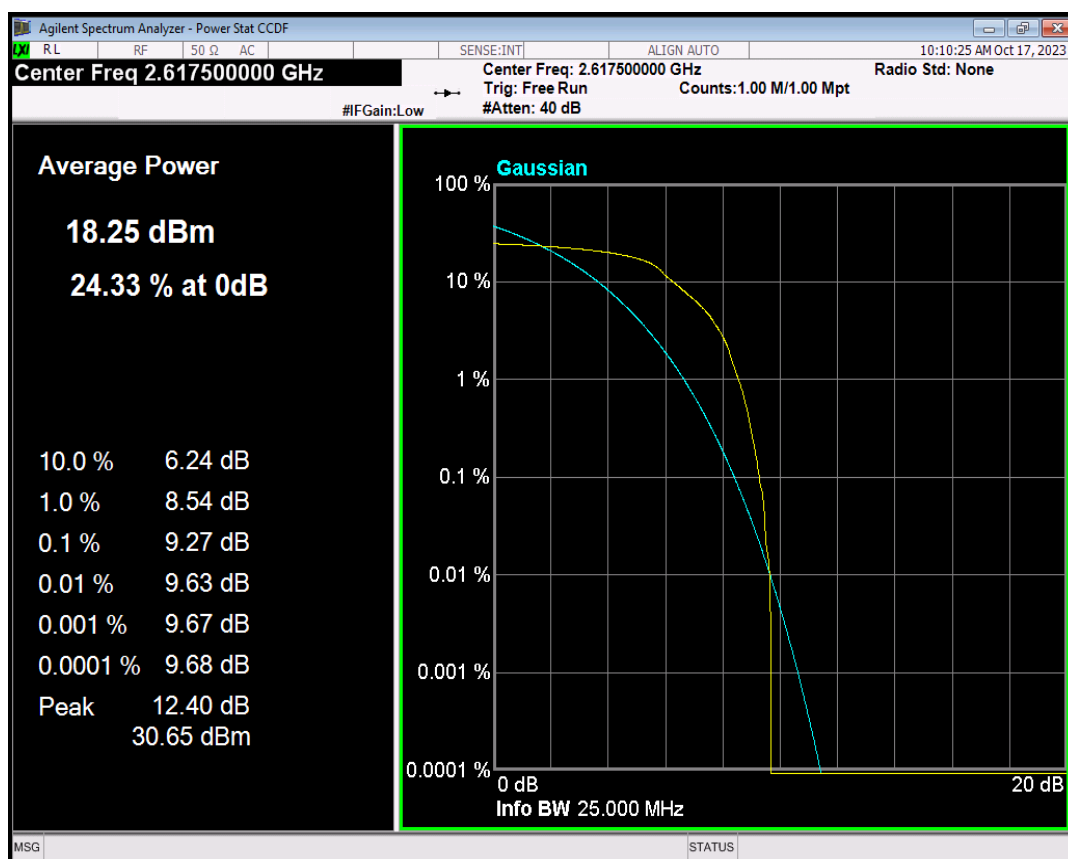
Band38 QPSK BW=5MHz Channel=38000 RB Size=1 Position=#0



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



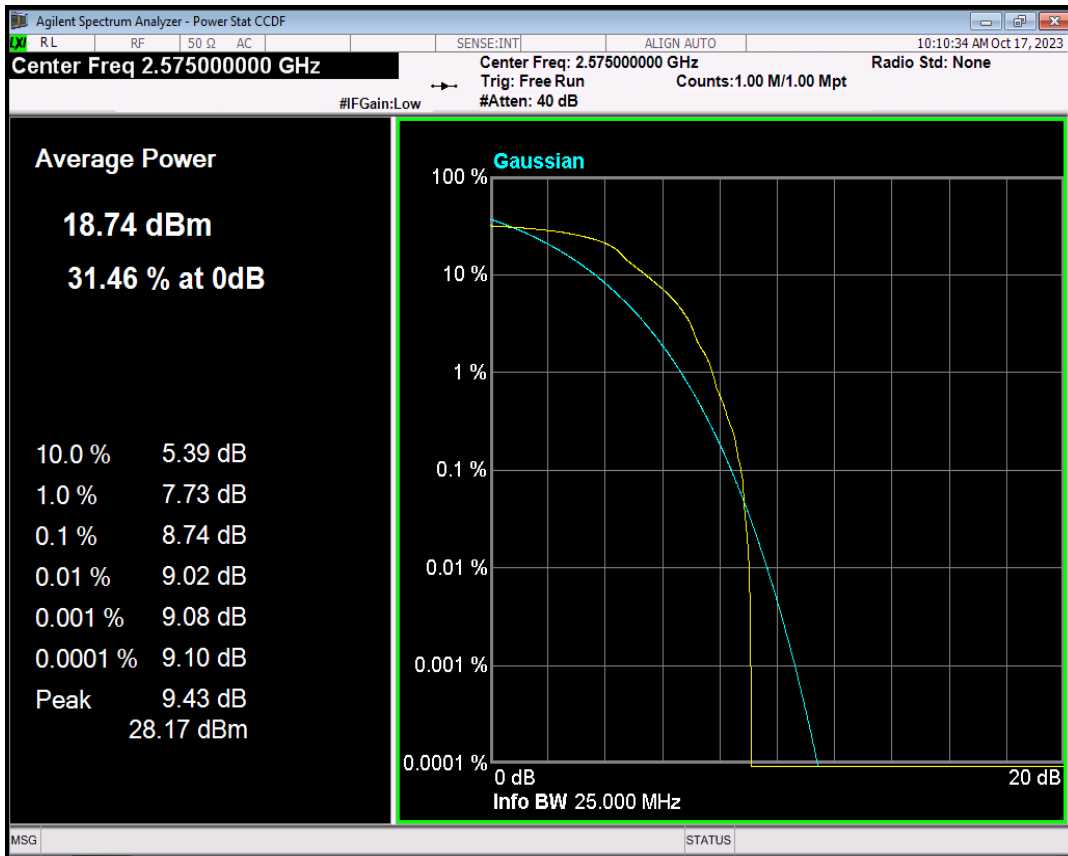
Band38 QPSK BW=5MHz Channel=38225 RB Size=1 Position=#0



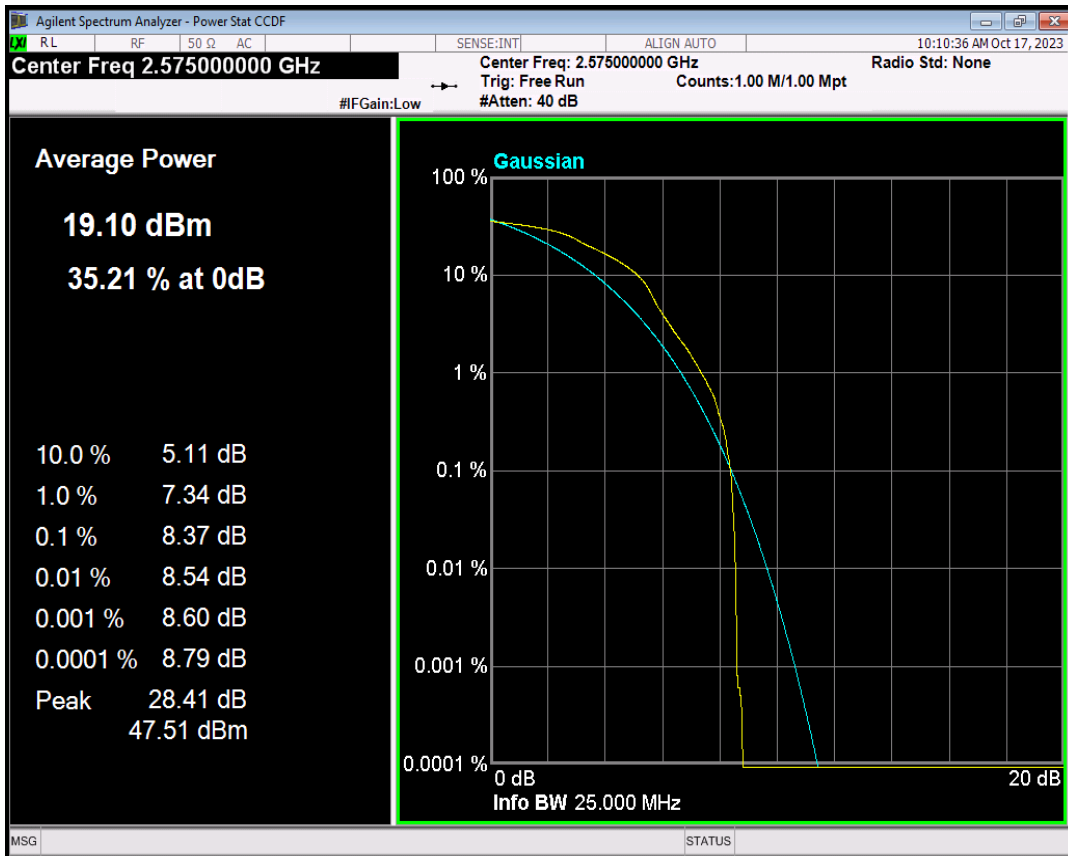
Band38 16QAM BW=5MHz Channel=38225 RB Size=1 Position=#0



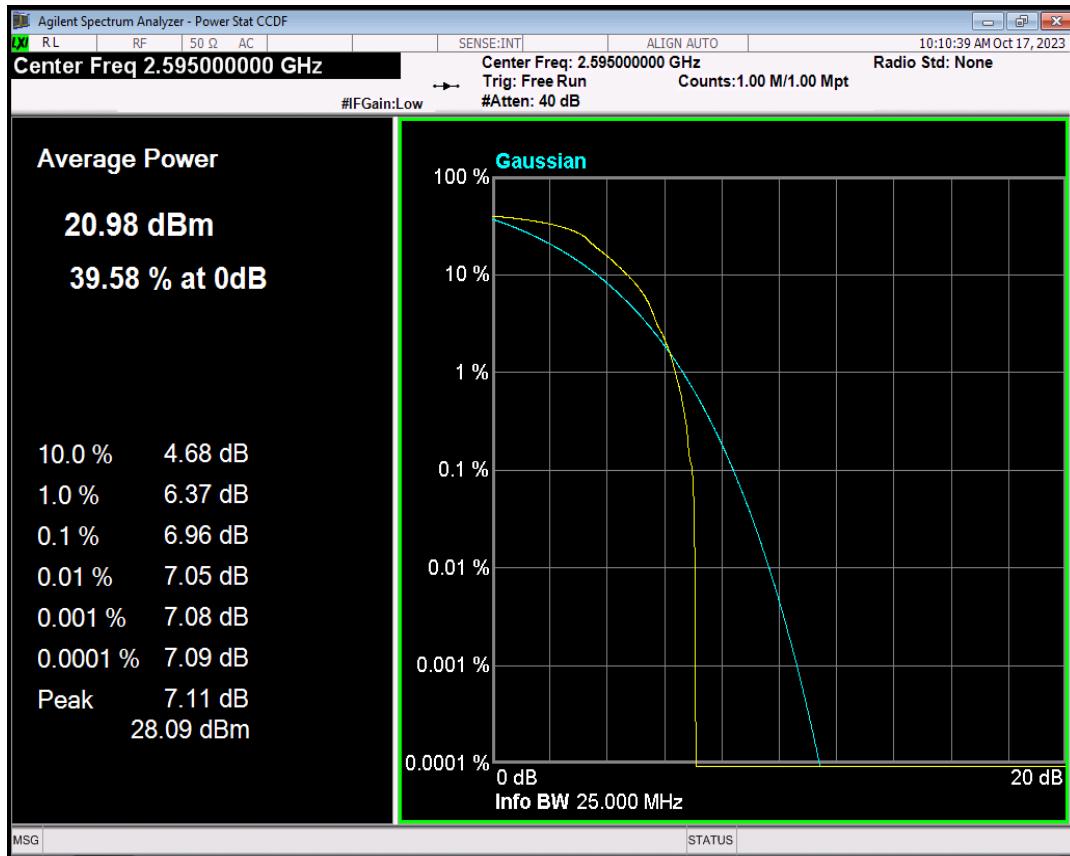
Band38 QPSK BW=10MHz Channel=37800 RB Size=1 Position=#0



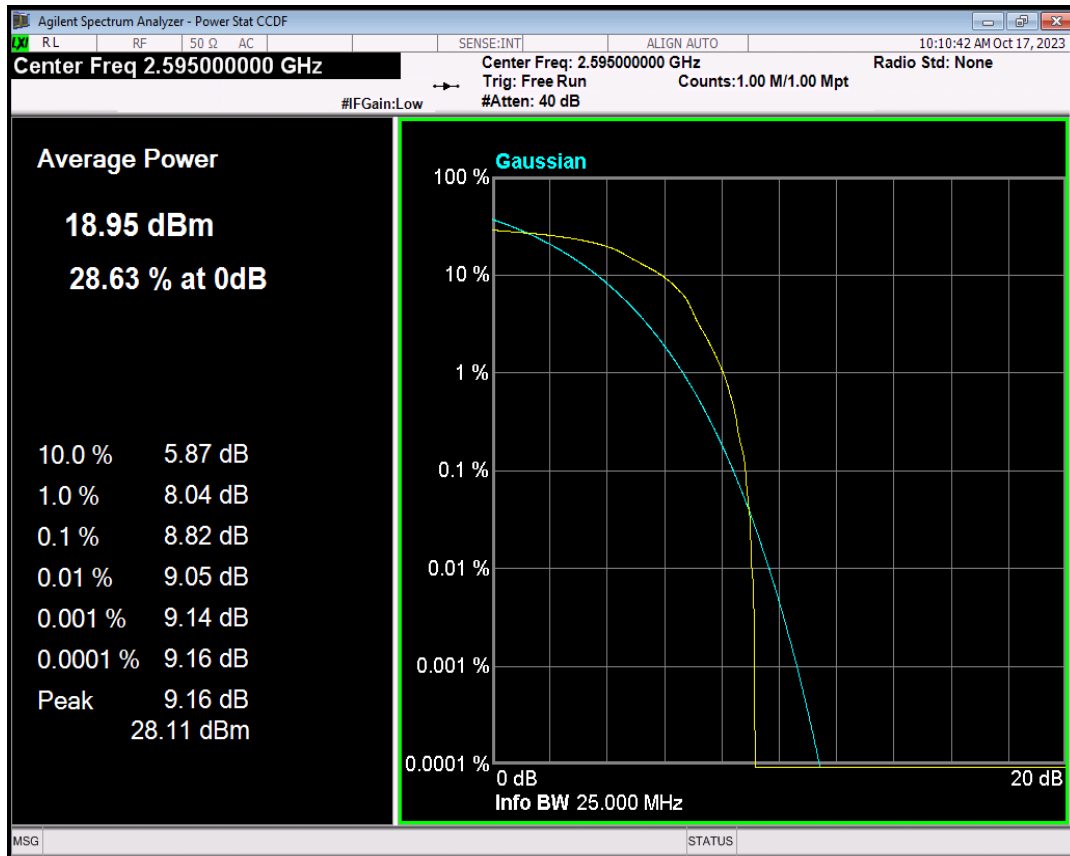
Band38 16QAM BW=10MHz Channel=37800 RB Size=1 Position=#0



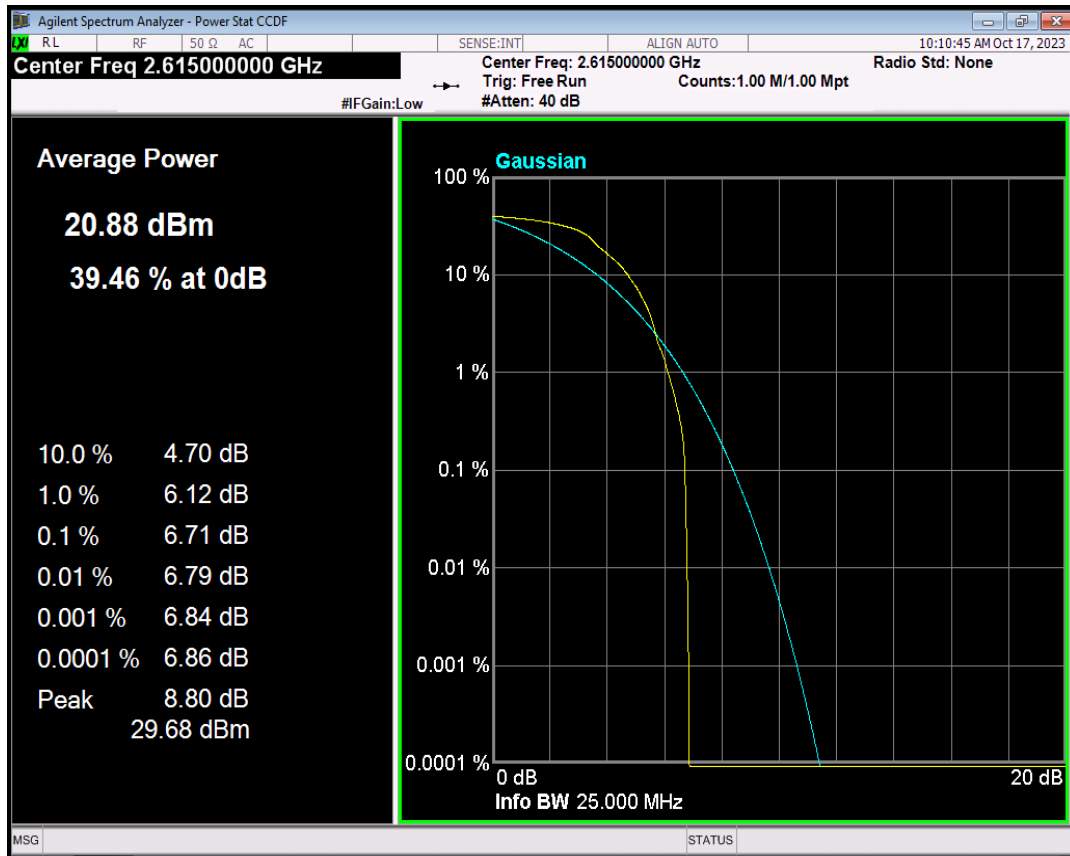
Band38 QPSK BW=10MHz Channel=38000 RB Size=1 Position=#0



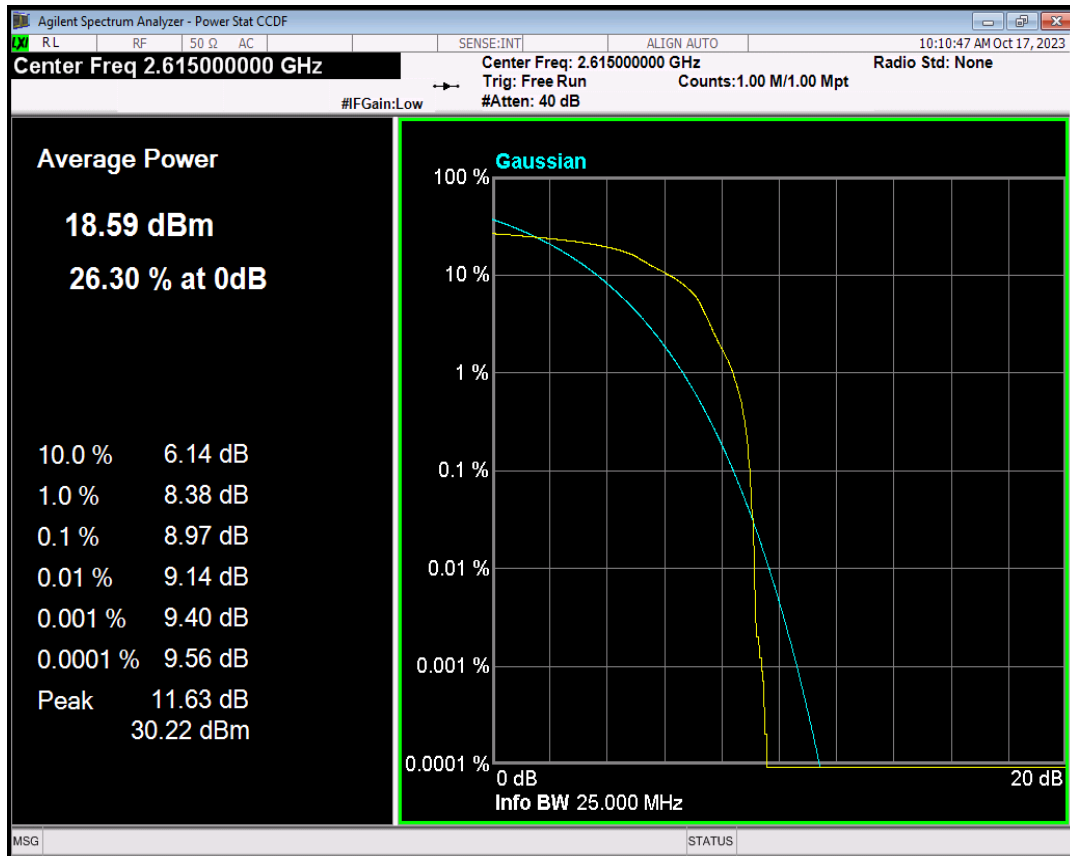
Band38 16QAM BW=10MHz Channel=38000 RB Size=1 Position=#0



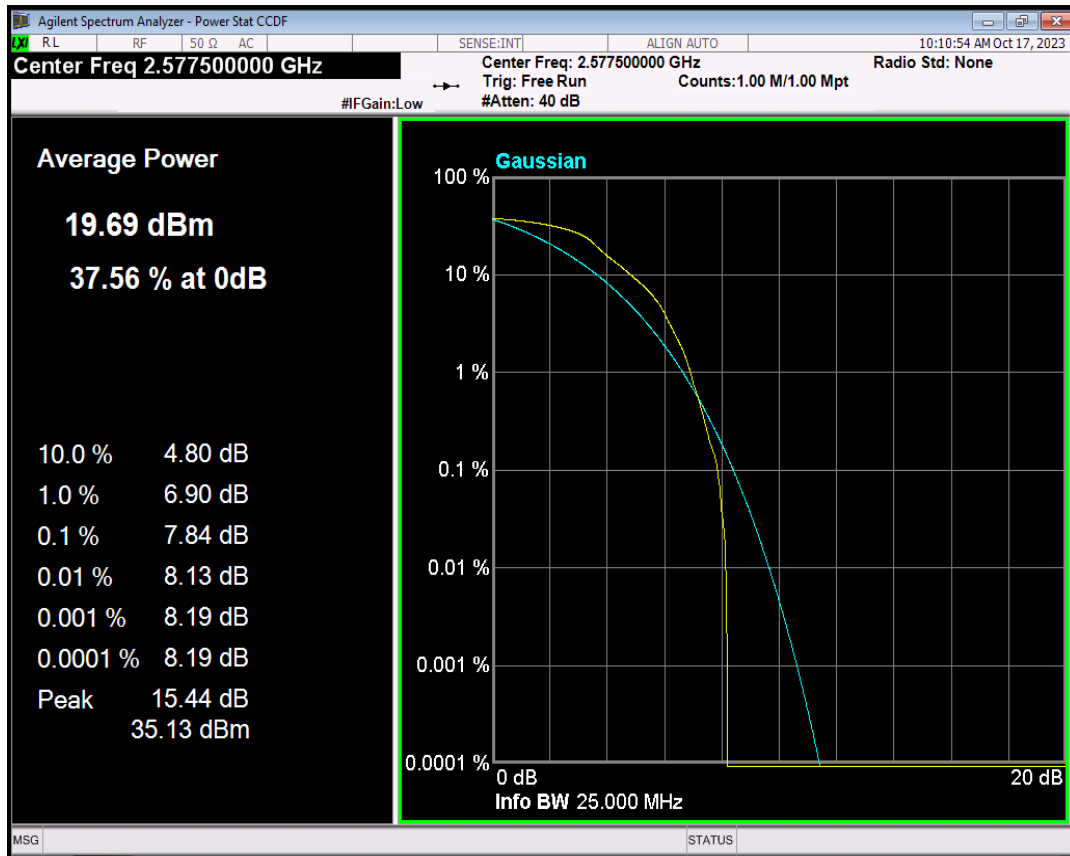
Band38 QPSK BW=10MHz Channel=38200 RB Size=1 Position=#0



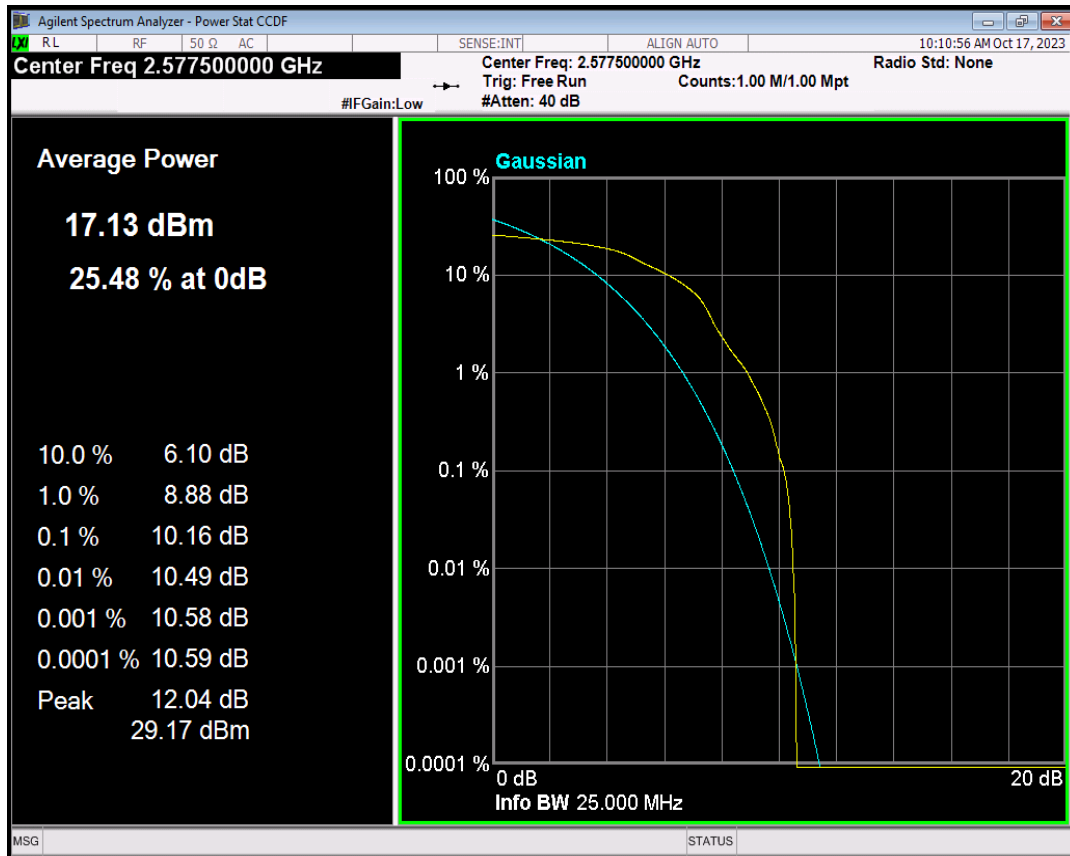
Band38 16QAM BW=10MHz Channel=38200 RB Size=1 Position=#0



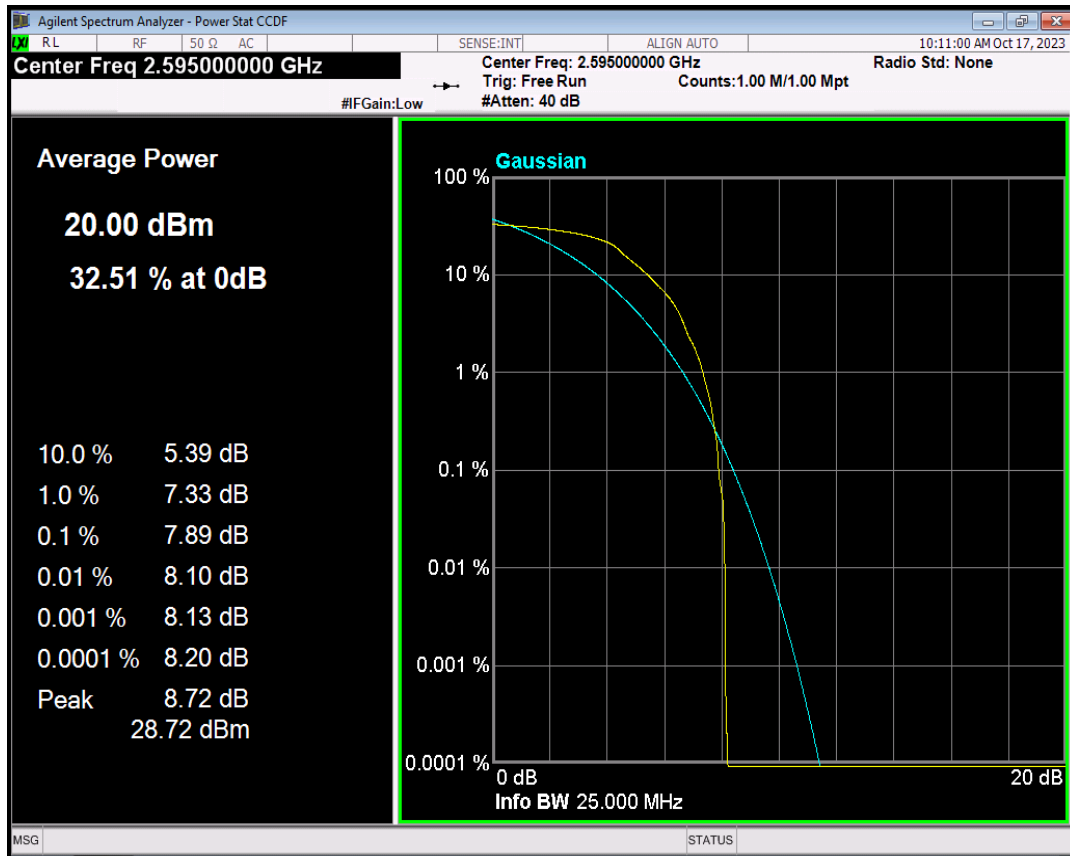
Band38 QPSK BW=15MHz Channel=37825 RB Size=1 Position=#0



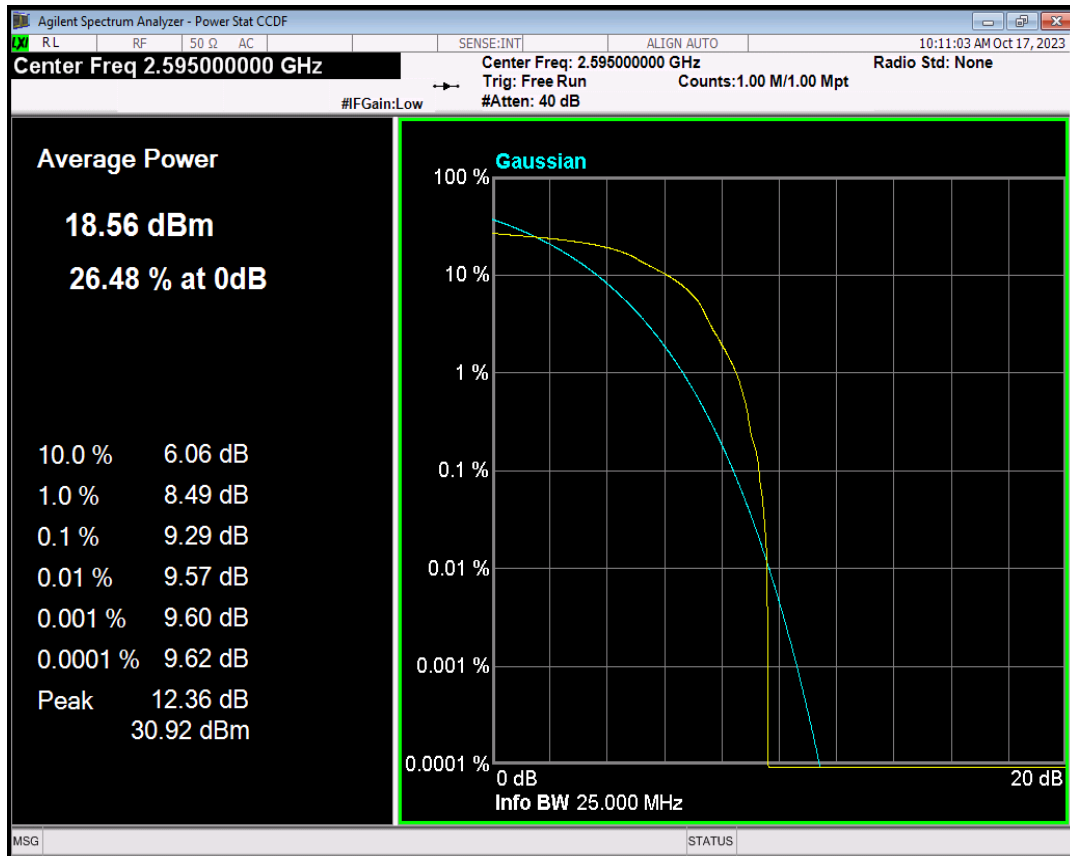
Band38 16QAM BW=15MHz Channel=37825 RB Size=1 Position=#0



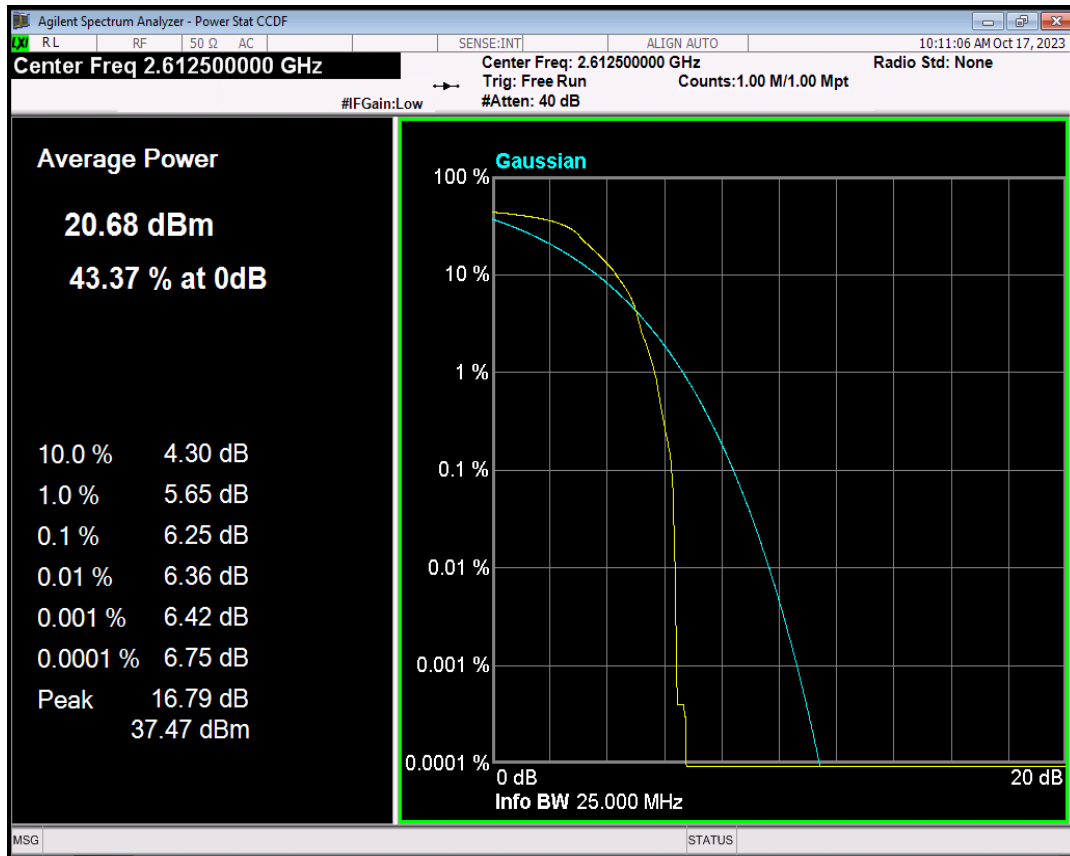
Band38 QPSK BW=15MHz Channel=38000 RB Size=1 Position=#0



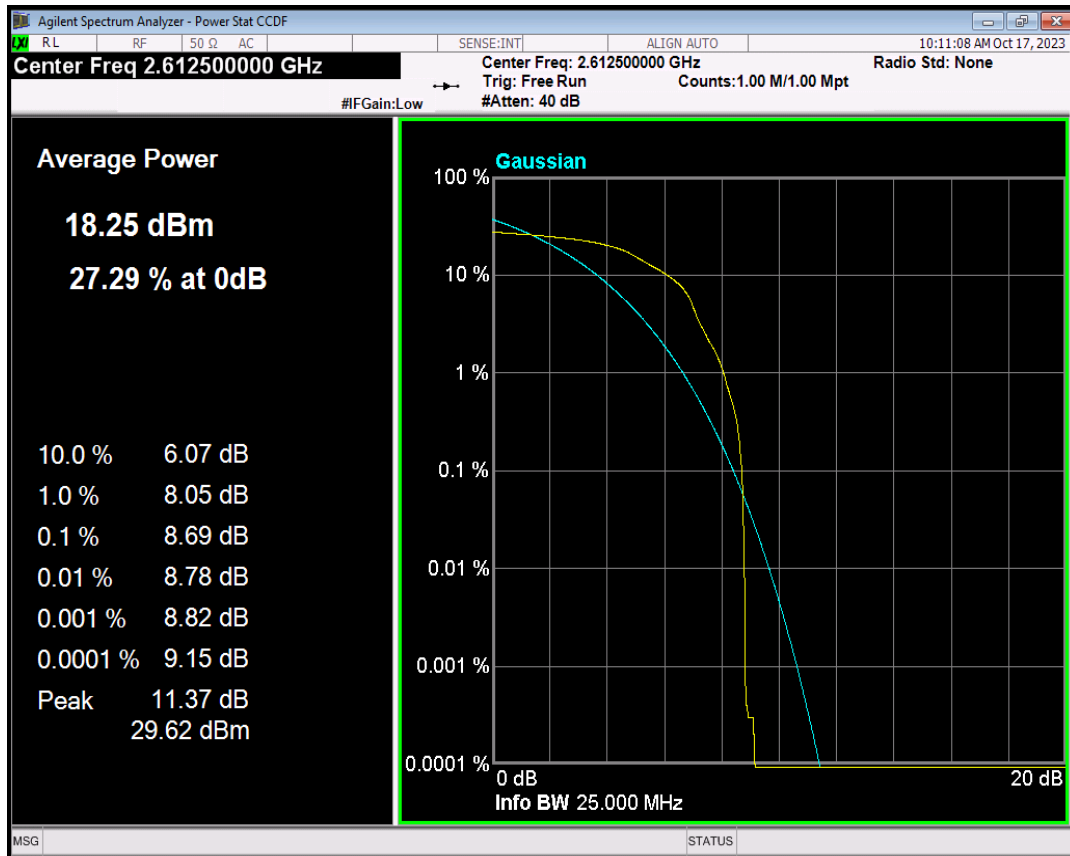
Band38 16QAM BW=15MHz Channel=38000 RB Size=1 Position=#0



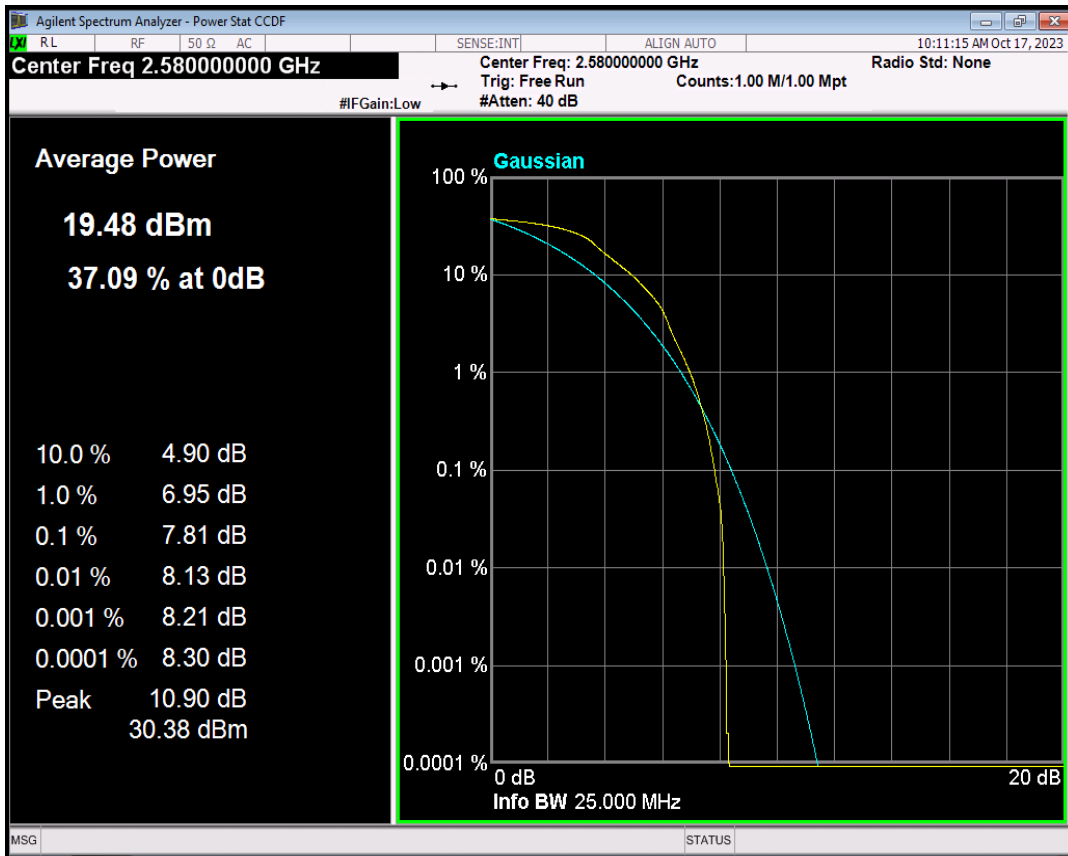
Band38 QPSK BW=15MHz Channel=38175 RB Size=1 Position=#0



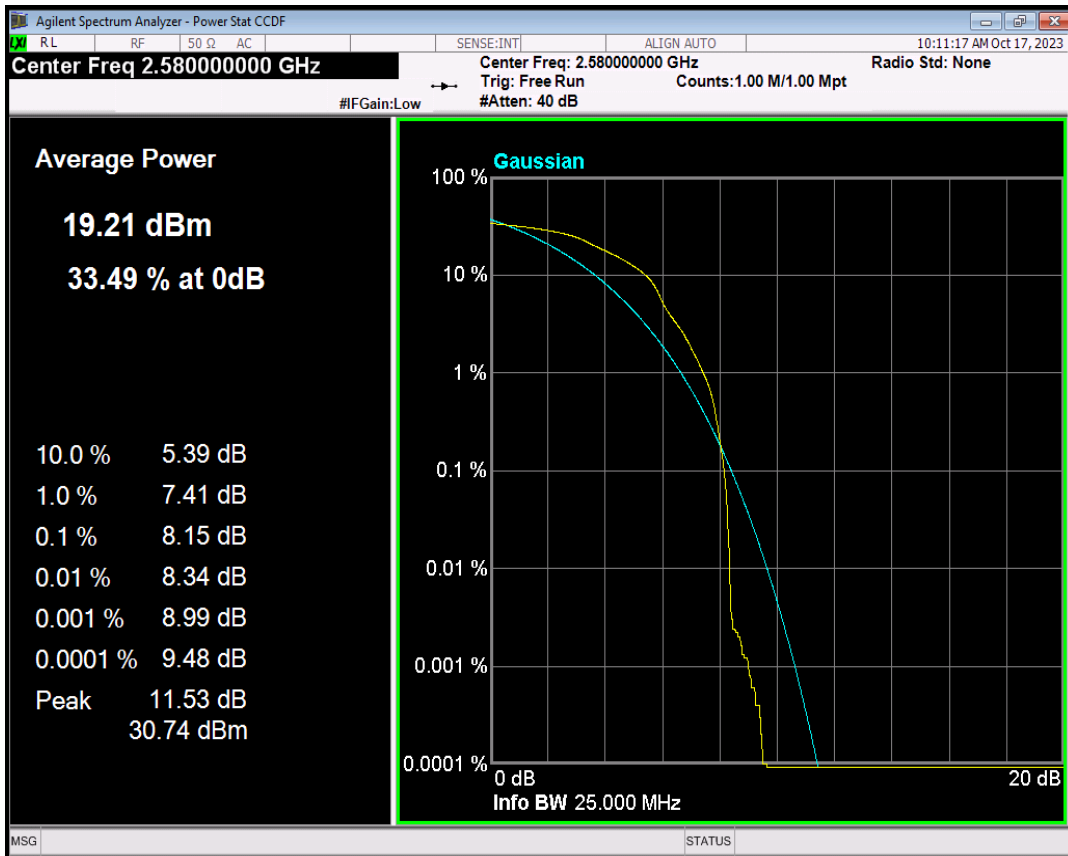
Band38 16QAM BW=15MHz Channel=38175 RB Size=1 Position=#0



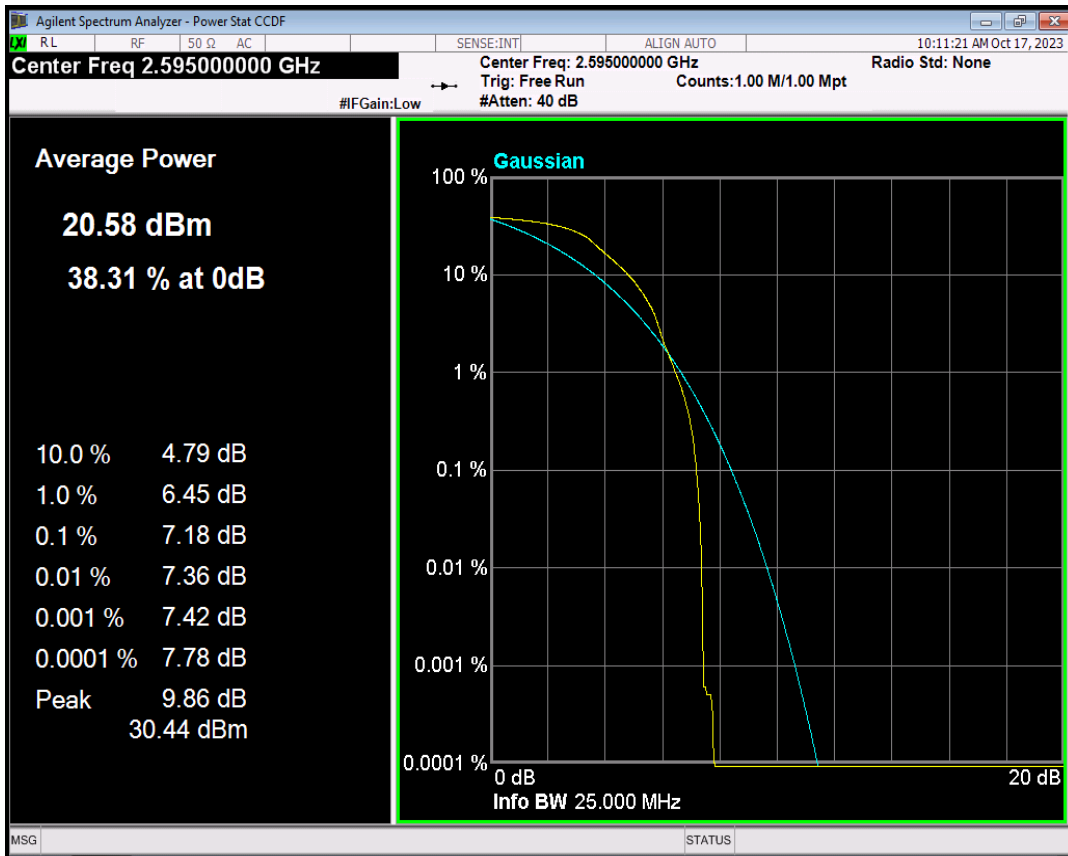
Band38 QPSK BW=20MHz Channel=37850 RB Size=1 Position=#0



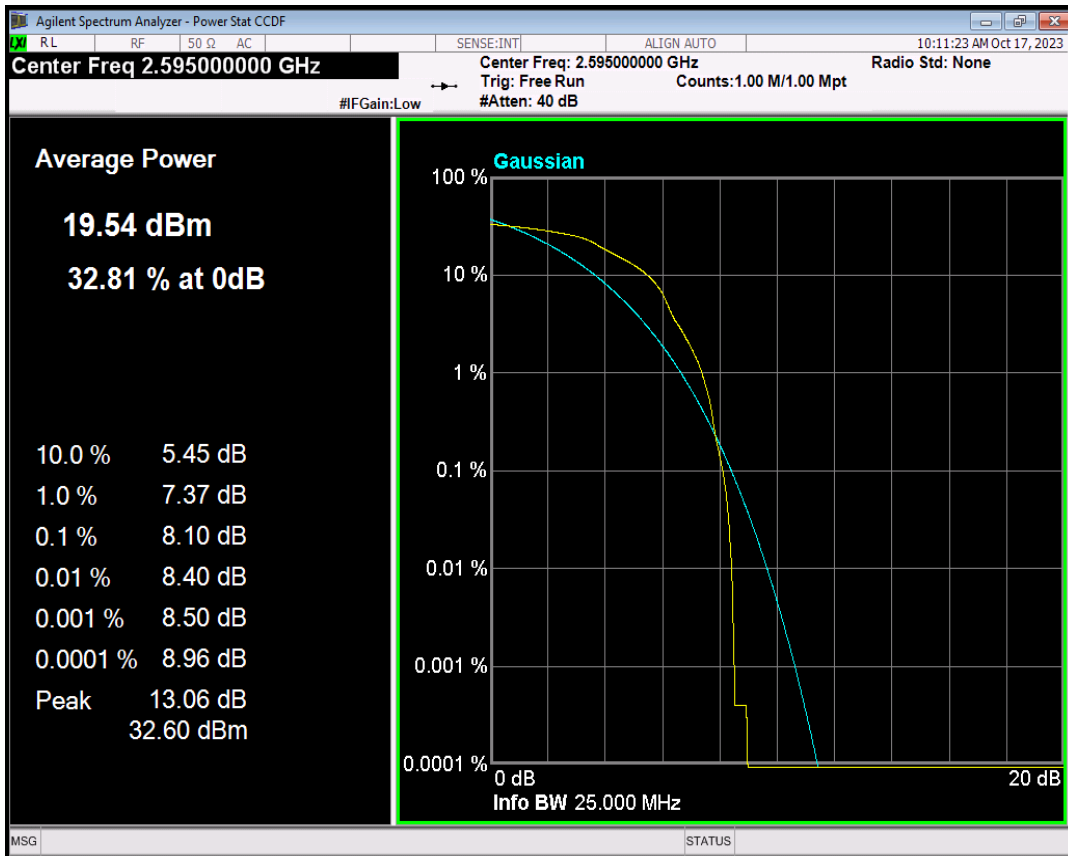
Band38 16QAM BW=20MHz Channel=37850 RB Size=1 Position=#0



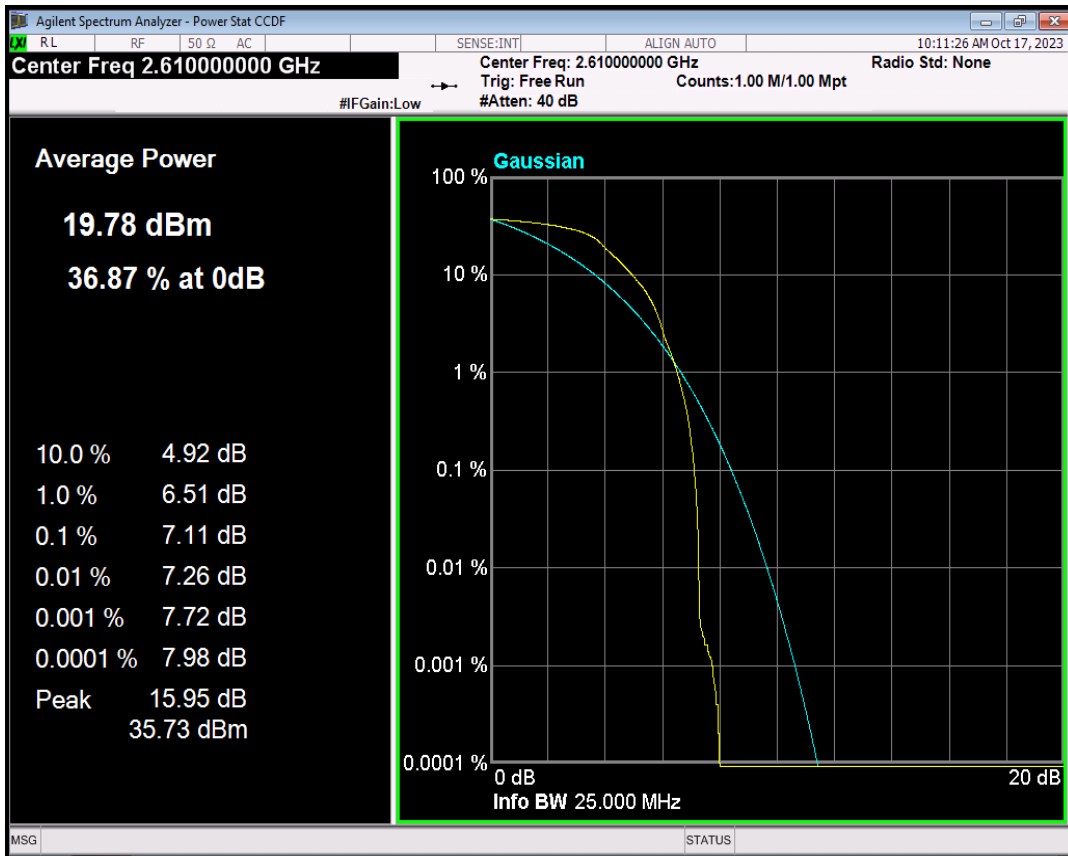
Band38 QPSK BW=20MHz Channel=38000 RB Size=1 Position=#0



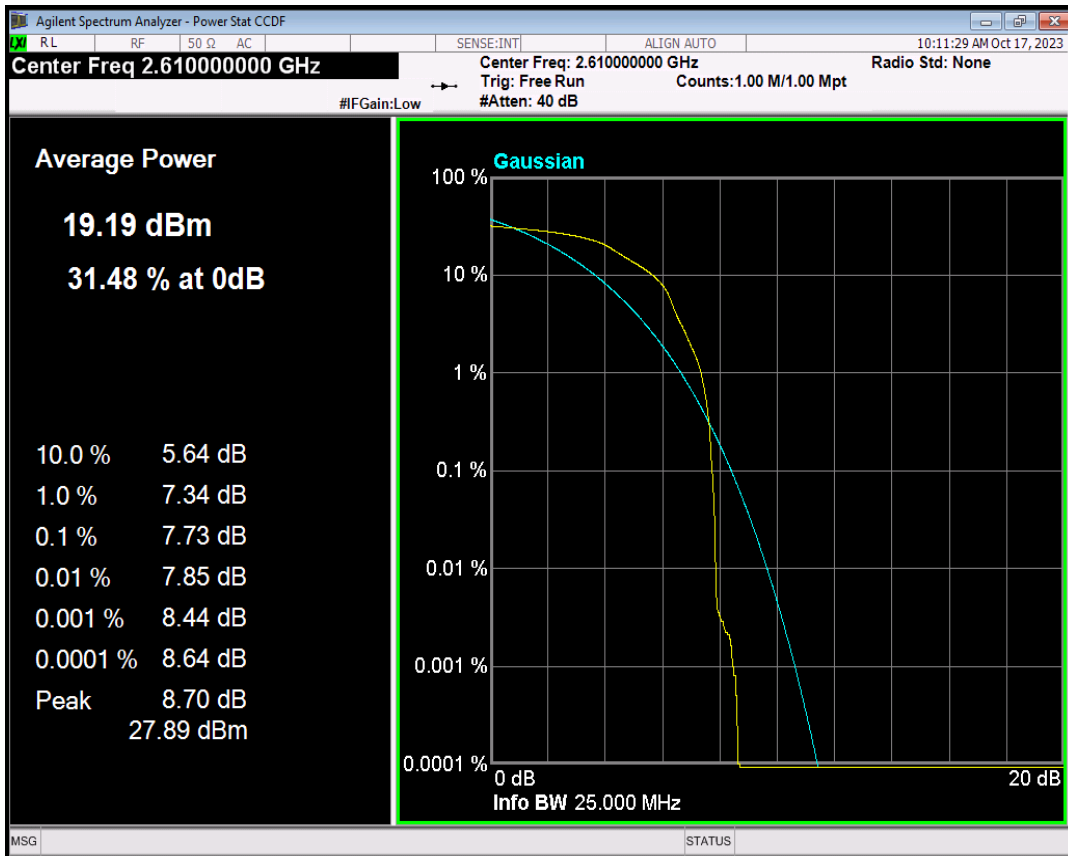
Band38 16QAM BW=20MHz Channel=38000 RB Size=1 Position=#0



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



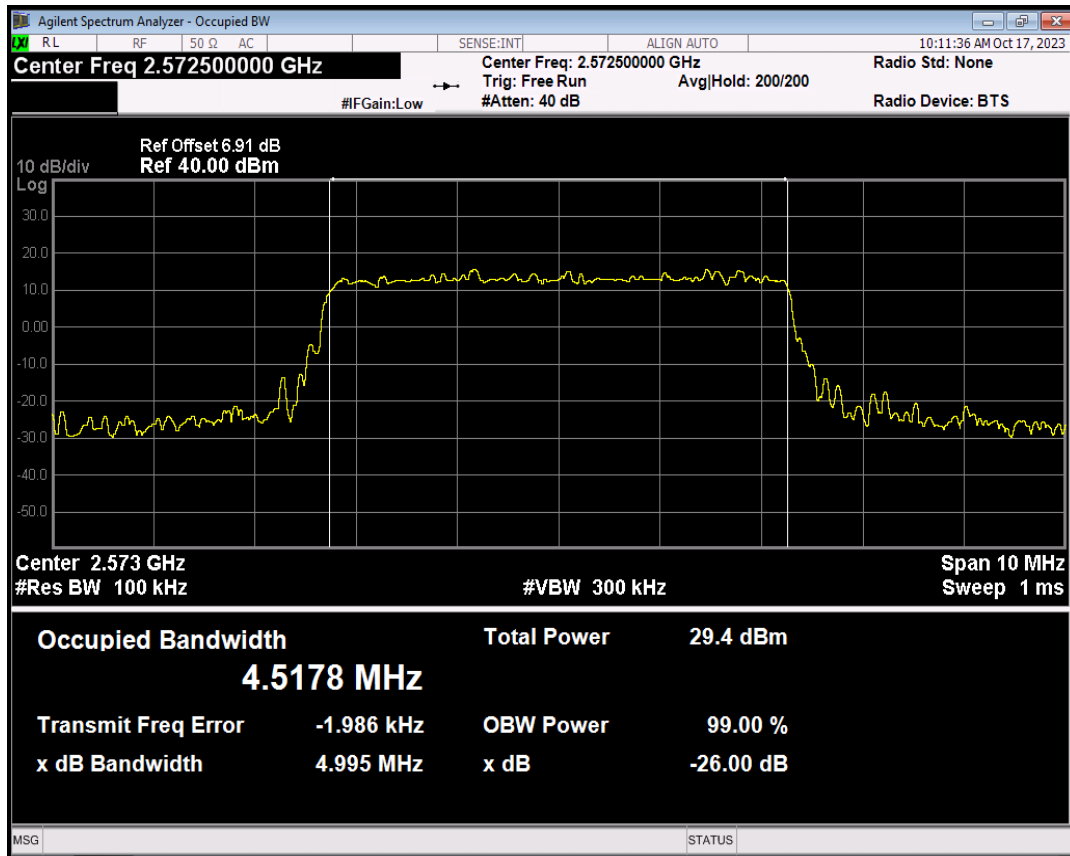
Band38 16QAM BW=20MHz Channel=38150 RB Size=1 Position=#0



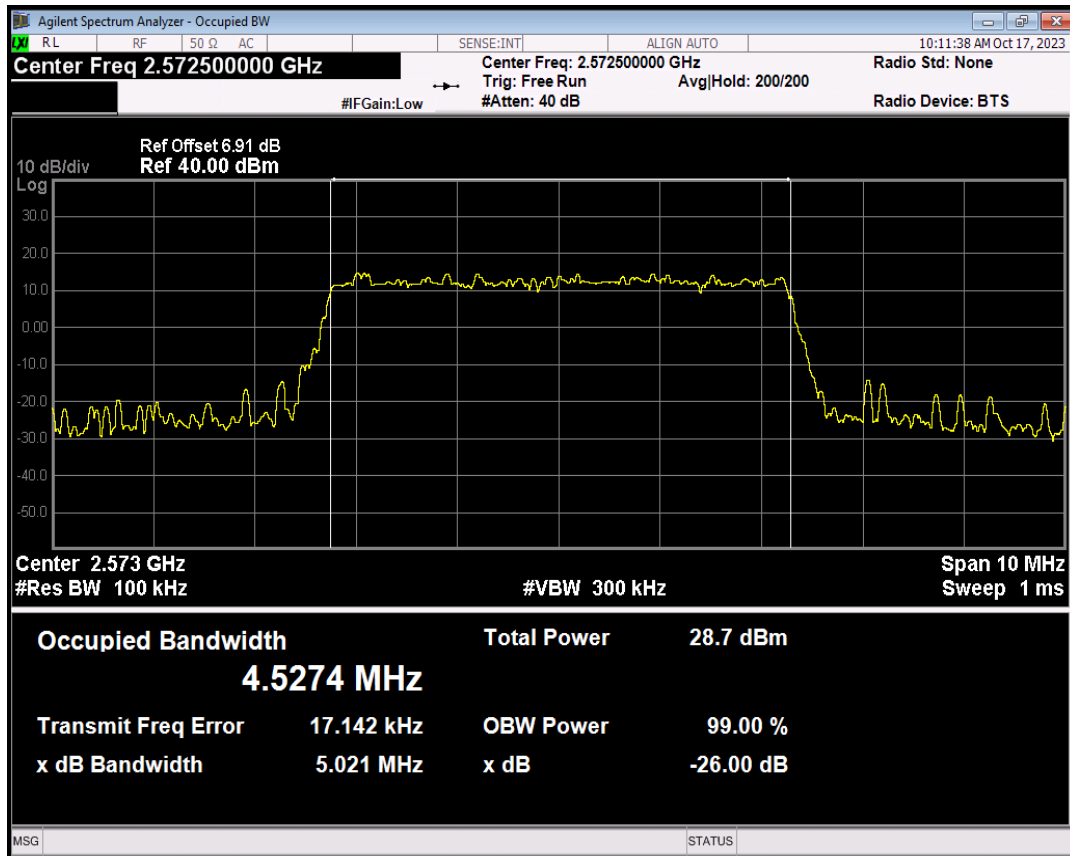
Appendix 4. Occupied bandwidth

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	4.995	PASS
Band38	5	37775	25	#0	16QAM	4.527	5.021	PASS
Band38	5	38000	25	#0	QPSK	4.518	4.925	PASS
Band38	5	38000	25	#0	16QAM	4.518	4.997	PASS
Band38	5	38225	25	#0	QPSK	4.503	4.891	PASS
Band38	5	38225	25	#0	16QAM	4.507	4.972	PASS
Band38	10	37800	50	#0	QPSK	8.982	9.840	PASS
Band38	10	37800	50	#0	16QAM	8.990	9.753	PASS
Band38	10	38000	50	#0	QPSK	9.002	9.869	PASS
Band38	10	38000	50	#0	16QAM	8.973	9.924	PASS
Band38	10	38200	50	#0	QPSK	8.984	9.901	PASS
Band38	10	38200	50	#0	16QAM	8.979	9.880	PASS
Band38	15	37825	75	#0	QPSK	13.465	14.618	PASS
Band38	15	37825	75	#0	16QAM	13.467	14.920	PASS
Band38	15	38000	75	#0	QPSK	13.467	14.960	PASS
Band38	15	38000	75	#0	16QAM	13.500	14.636	PASS
Band38	15	38175	75	#0	QPSK	13.441	14.693	PASS
Band38	15	38175	75	#0	16QAM	13.413	14.520	PASS
Band38	20	37850	100	#0	QPSK	17.979	19.505	PASS
Band38	20	37850	100	#0	16QAM	17.931	19.415	PASS
Band38	20	38000	100	#0	QPSK	17.991	19.313	PASS
Band38	20	38000	100	#0	16QAM	18.006	19.327	PASS
Band38	20	38150	100	#0	QPSK	17.933	19.300	PASS
Band38	20	38150	100	#0	16QAM	17.951	19.516	PASS

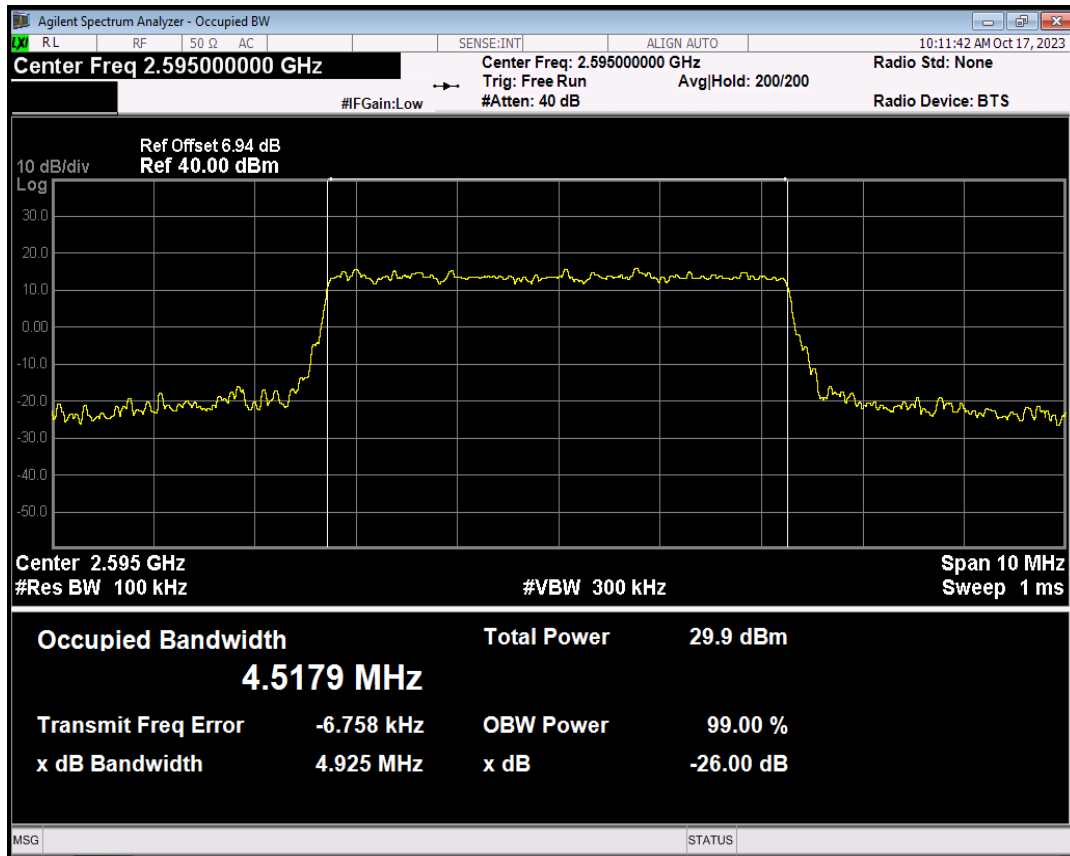
Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0



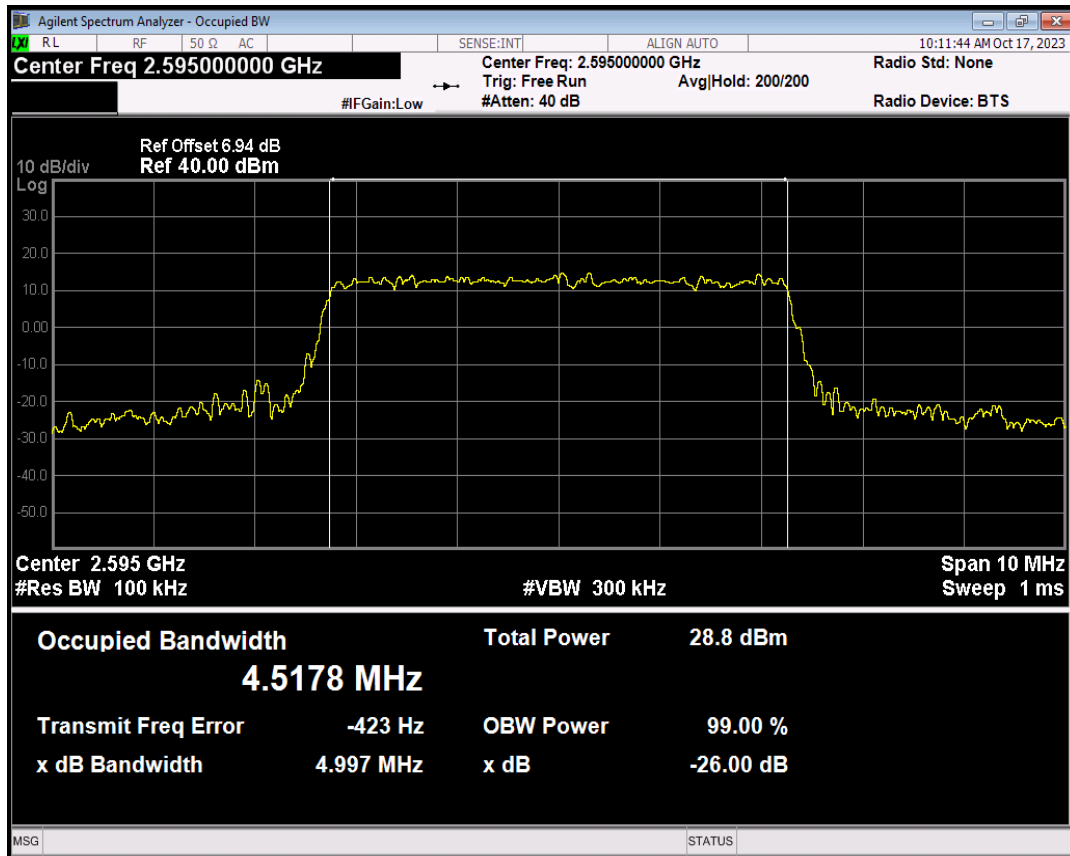
Band38 16QAM BW=5MHz Channel=37775 RB Size=25 Position=#0



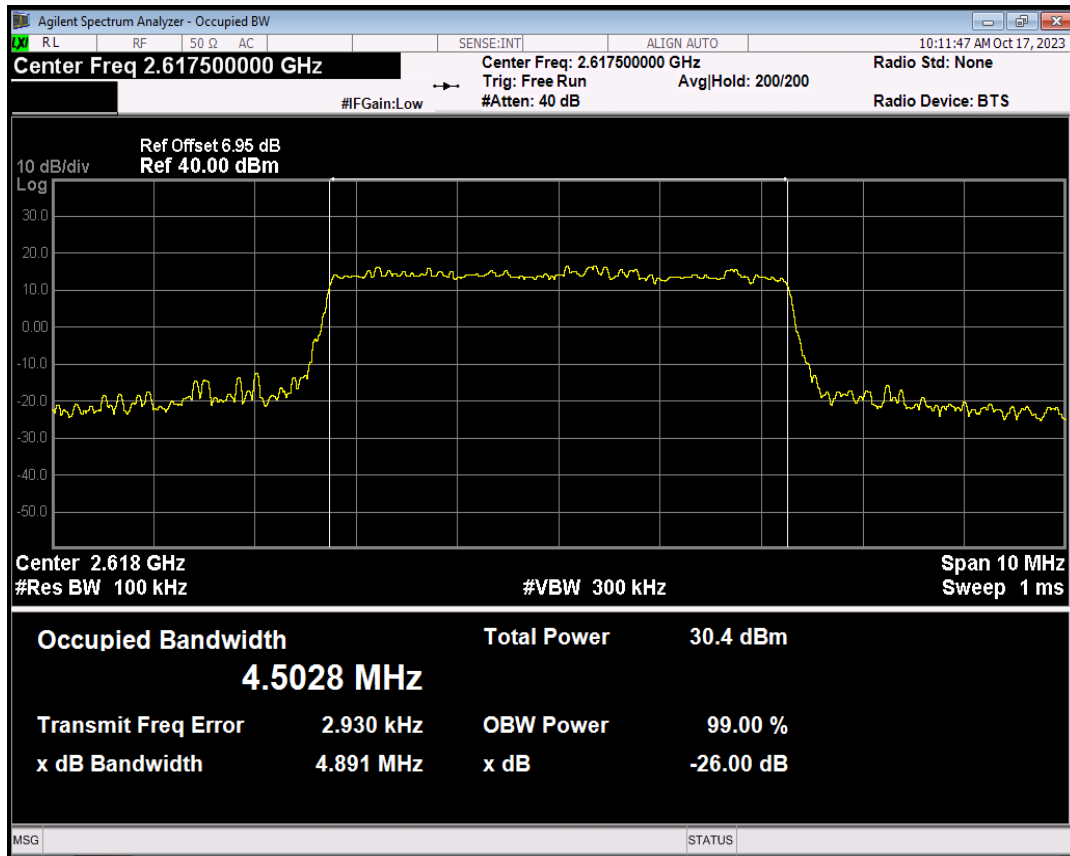
Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0



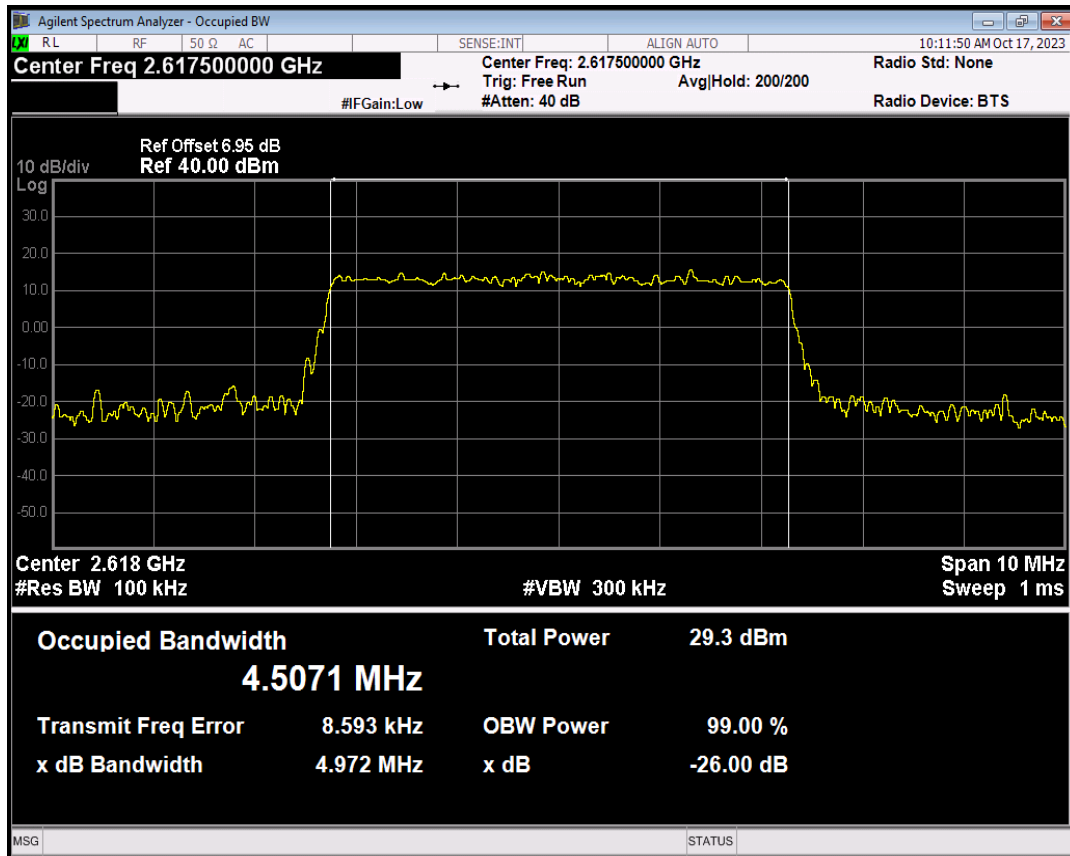
Band38 16QAM BW=5MHz Channel=38000 RB Size=25 Position=#0



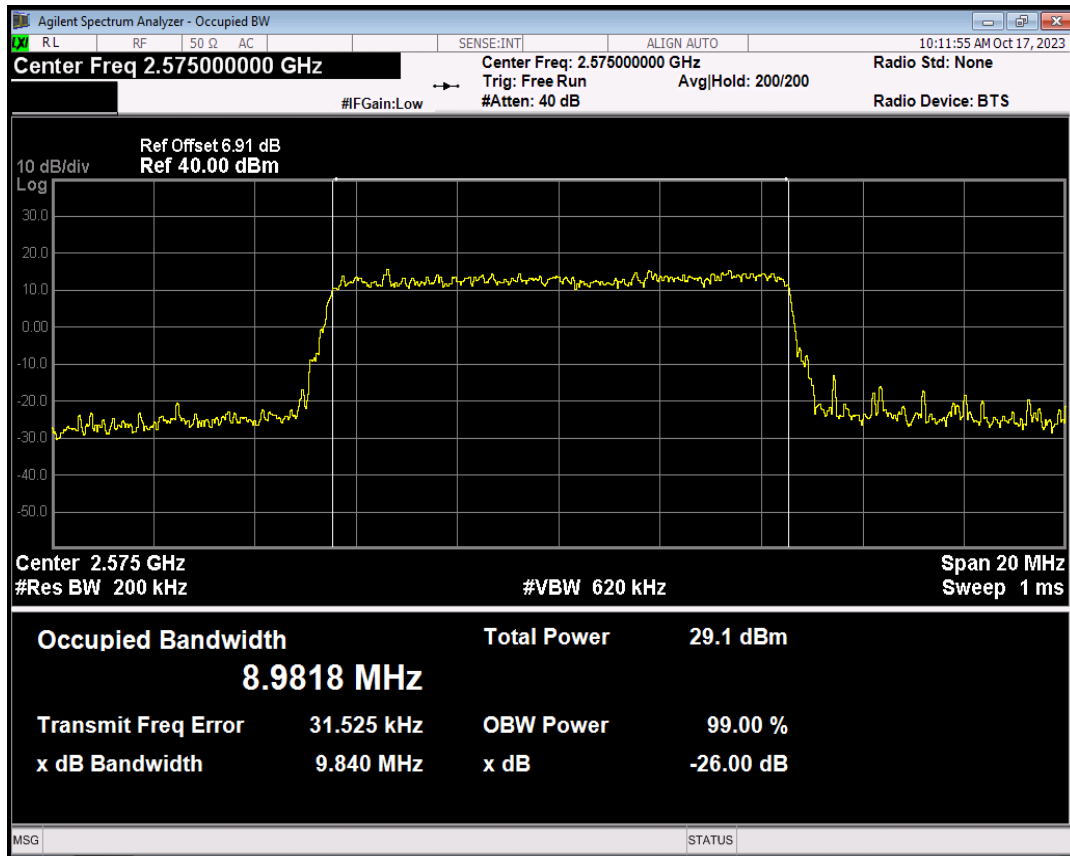
Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0



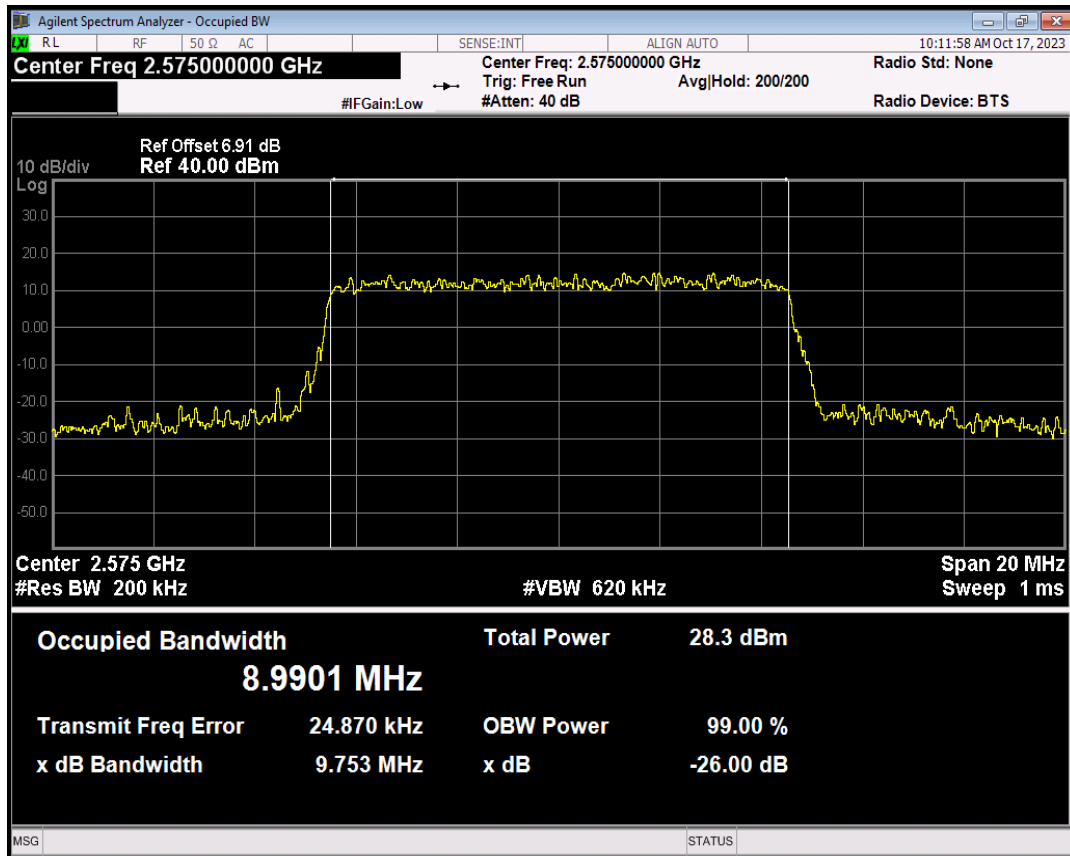
Band38 16QAM BW=5MHz Channel=38225 RB Size=25 Position=#0



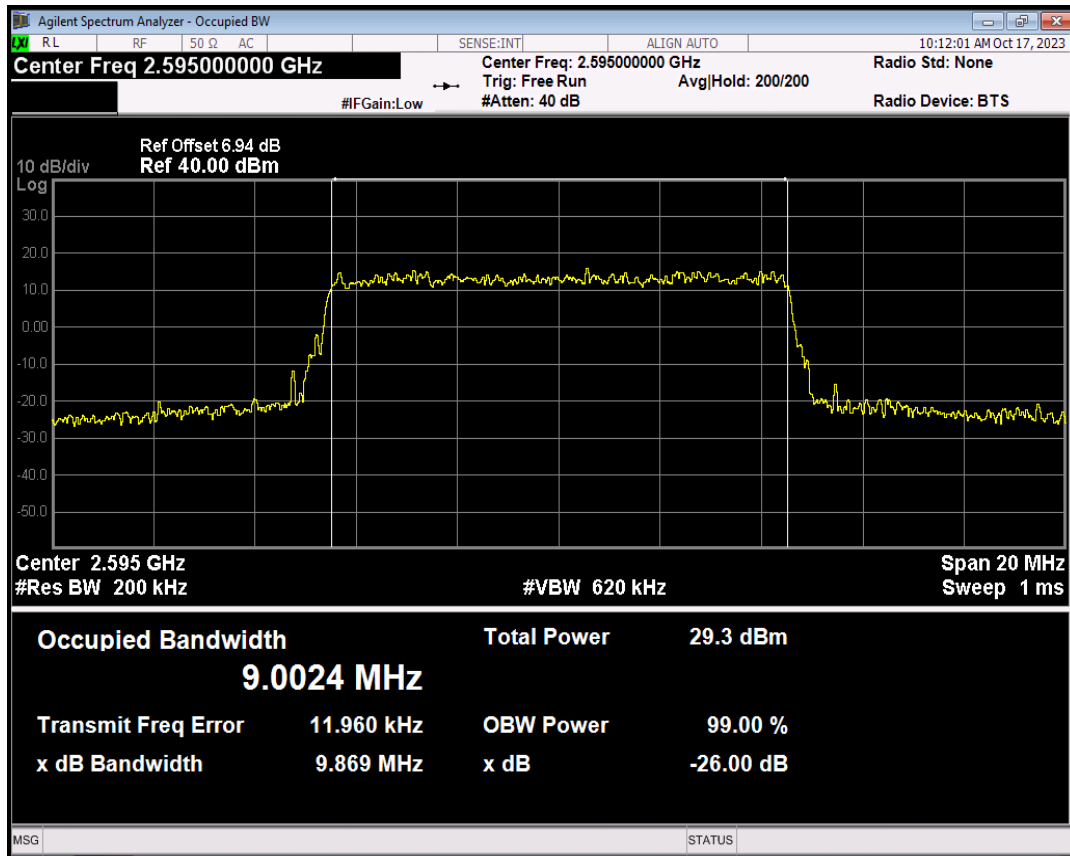
Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0



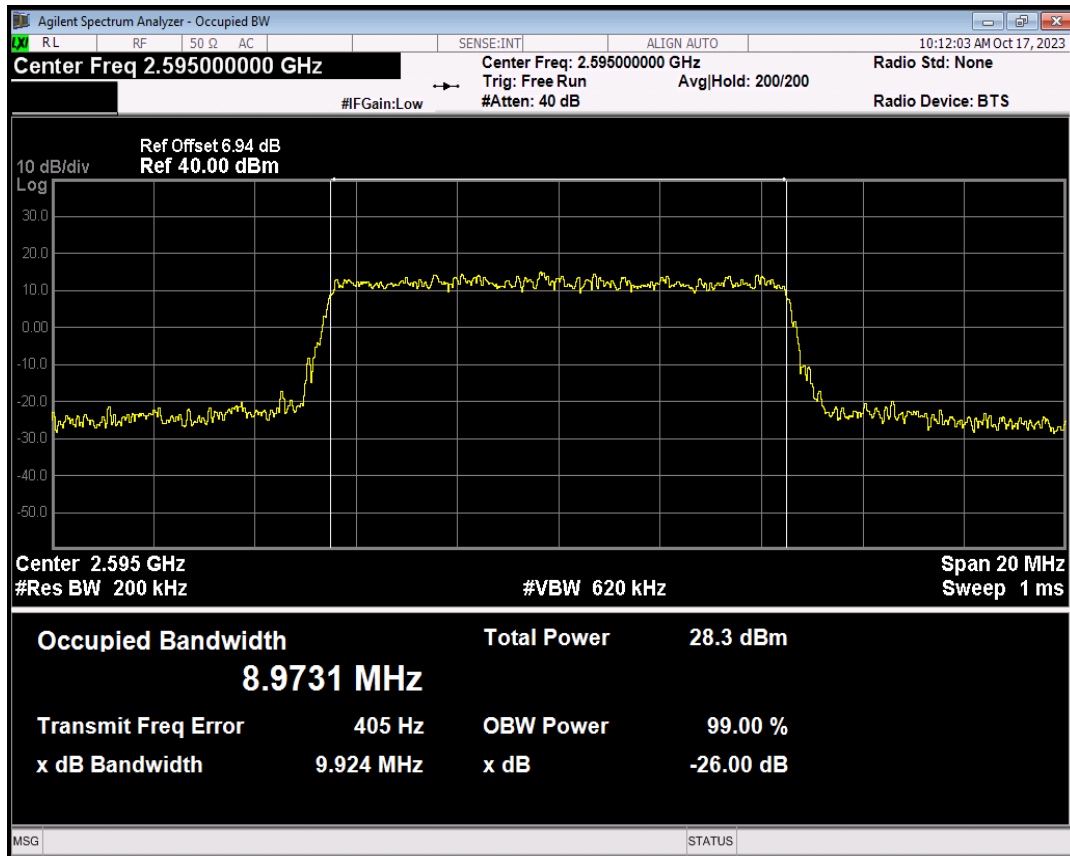
Band38 16QAM BW=10MHz Channel=37800 RB Size=50 Position=#0



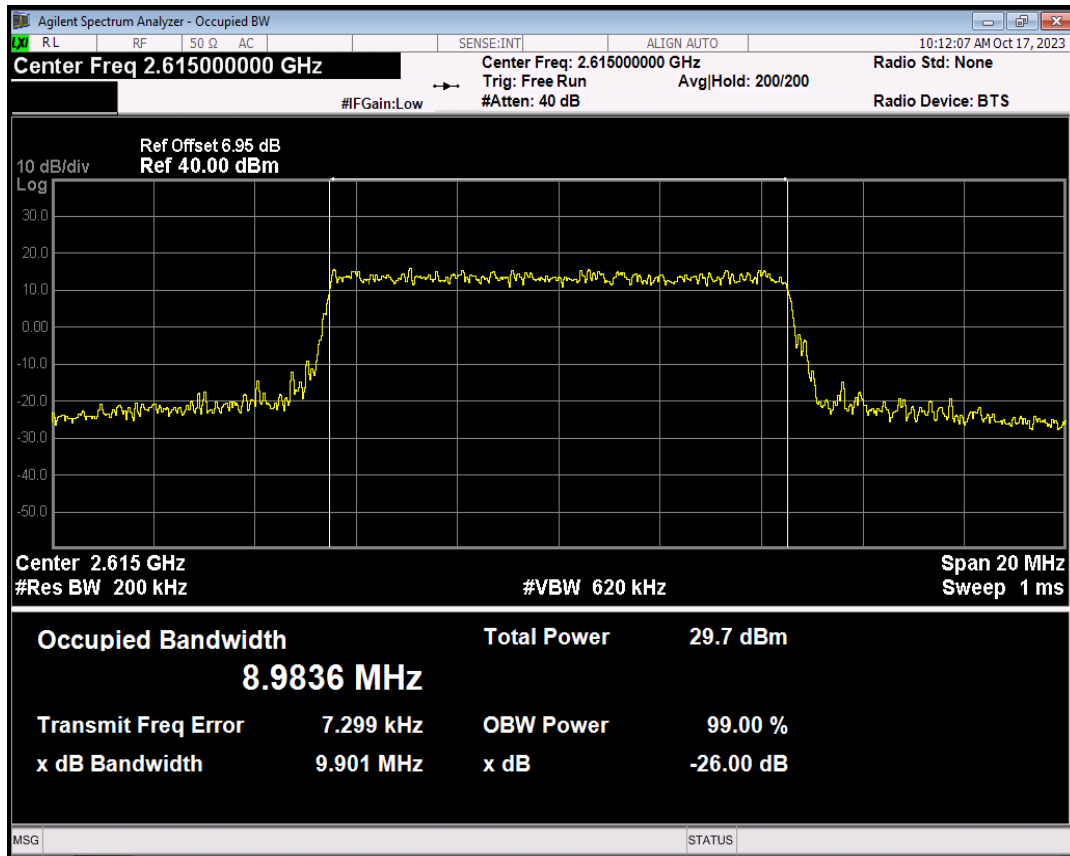
Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0



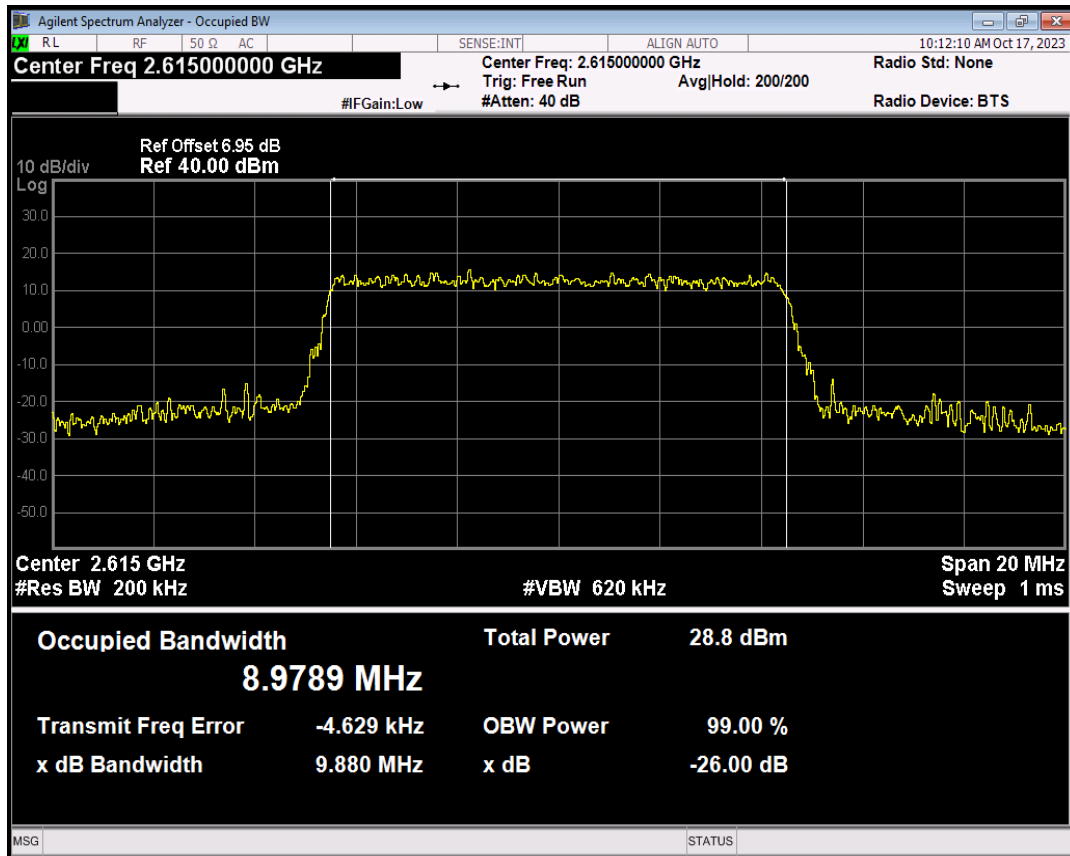
Band38 16QAM BW=10MHz Channel=38000 RB Size=50 Position=#0



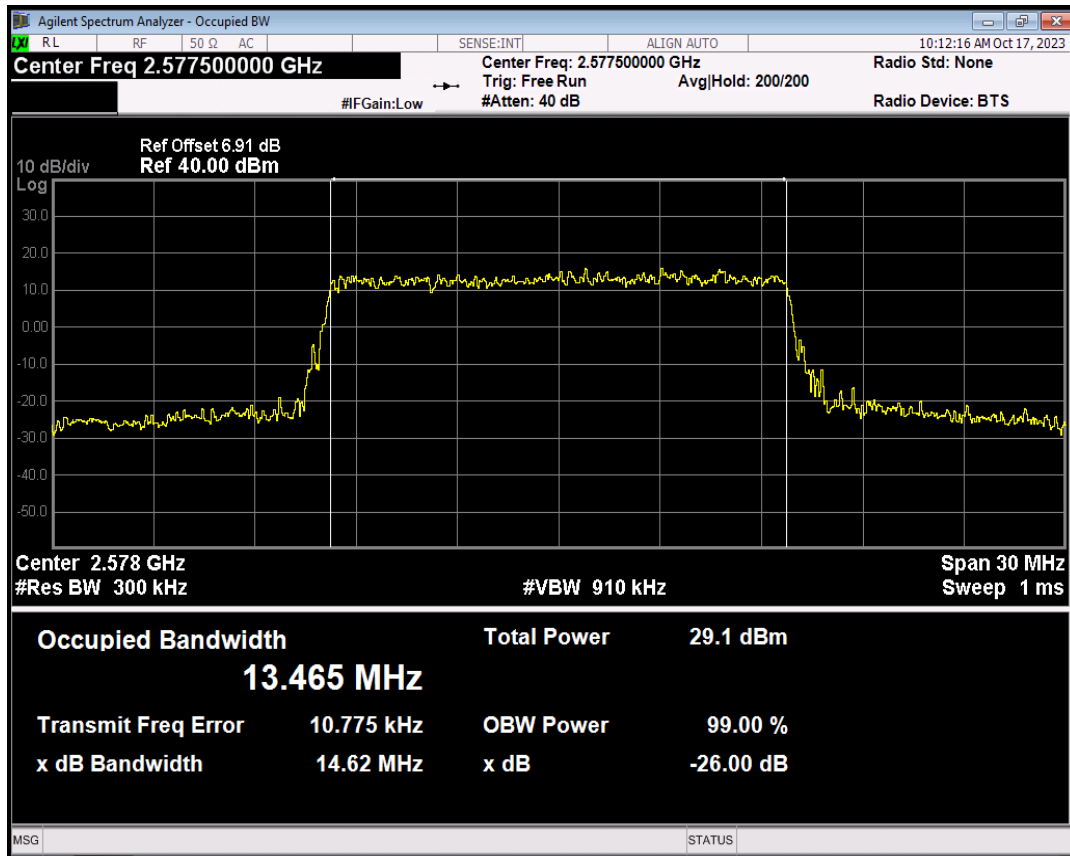
Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0



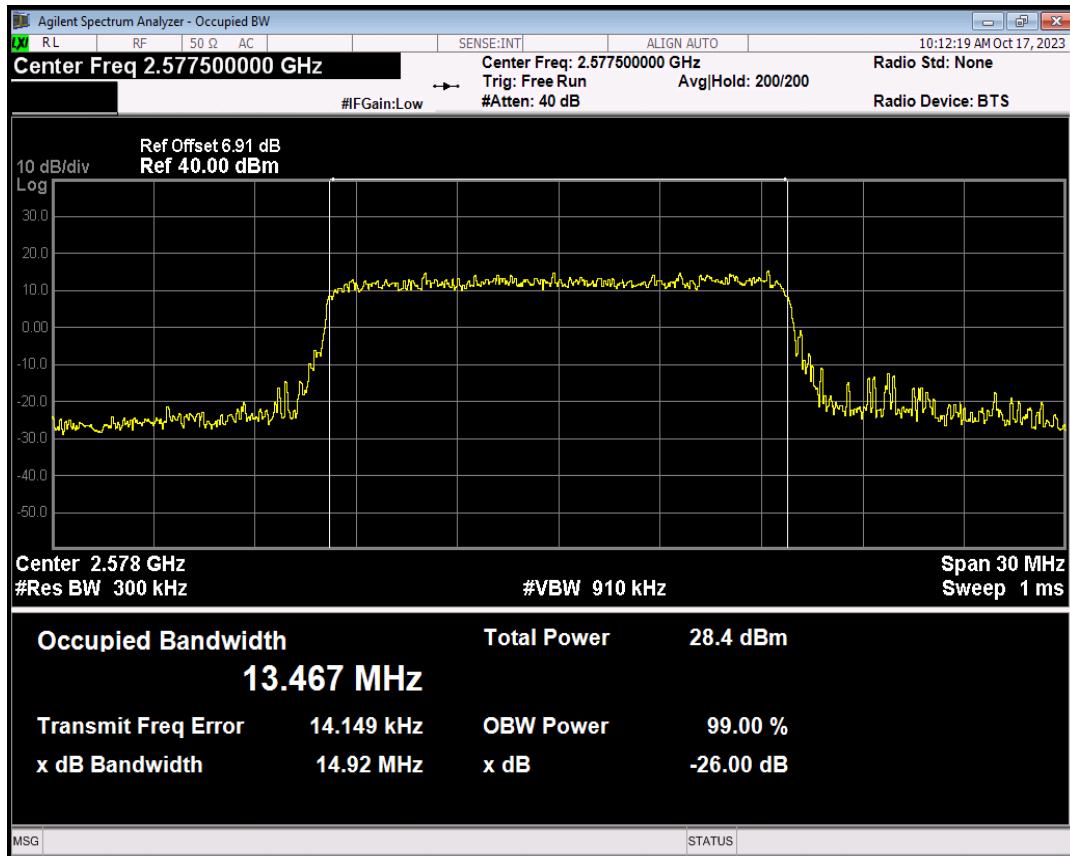
Band38 16QAM BW=10MHz Channel=38200 RB Size=50 Position=#0



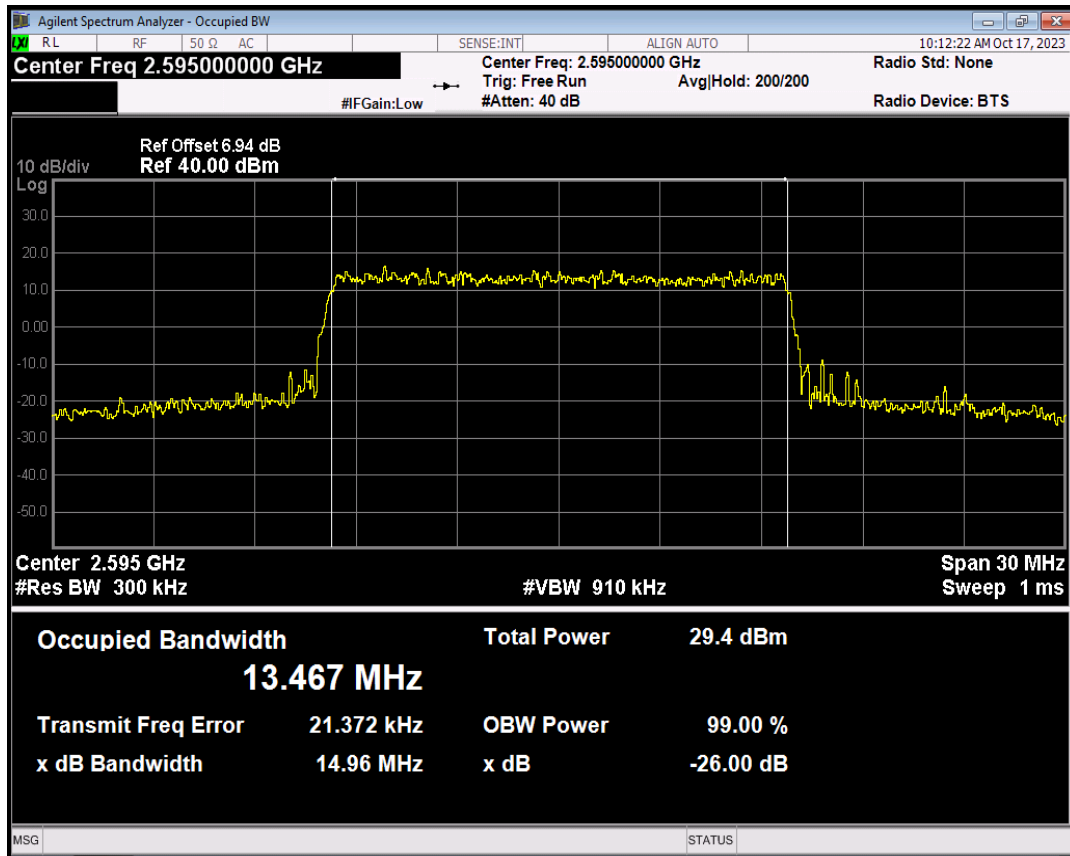
Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0



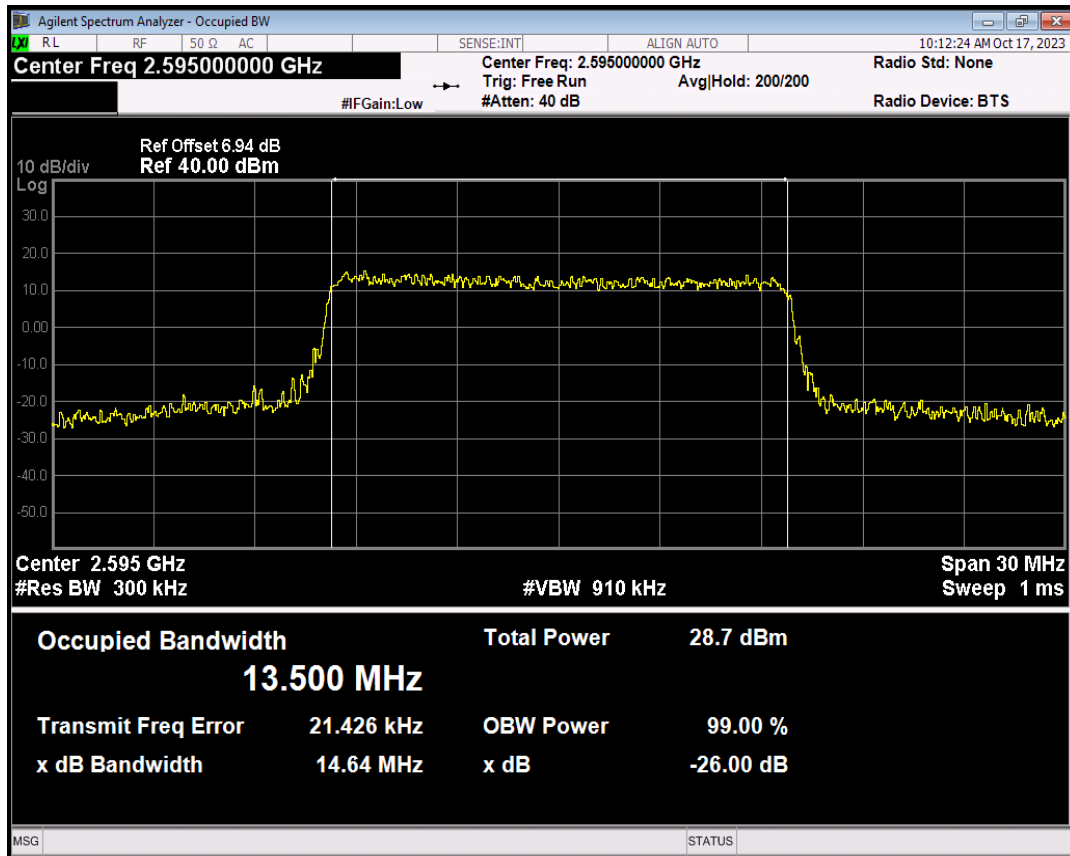
Band38 16QAM BW=15MHz Channel=37825 RB Size=75 Position=#0



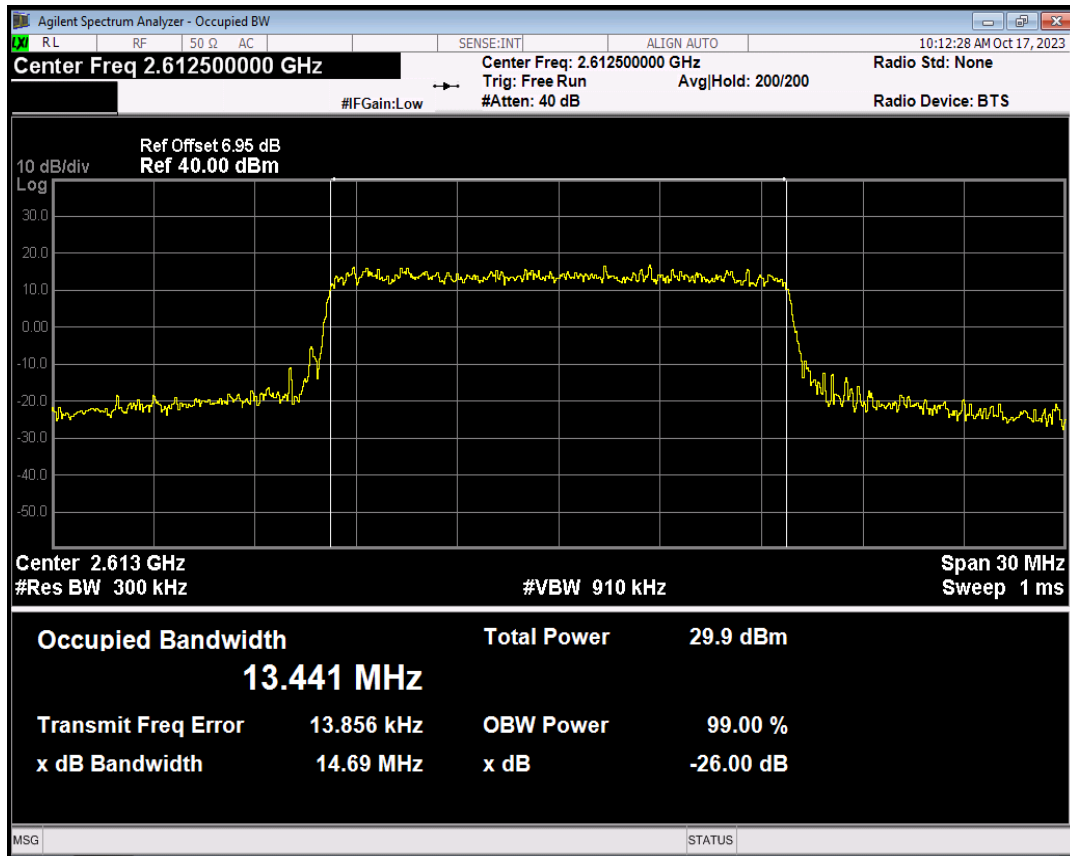
Band38 QPSK BW=15MHz Channel=38000 RB Size=75 Position=#0



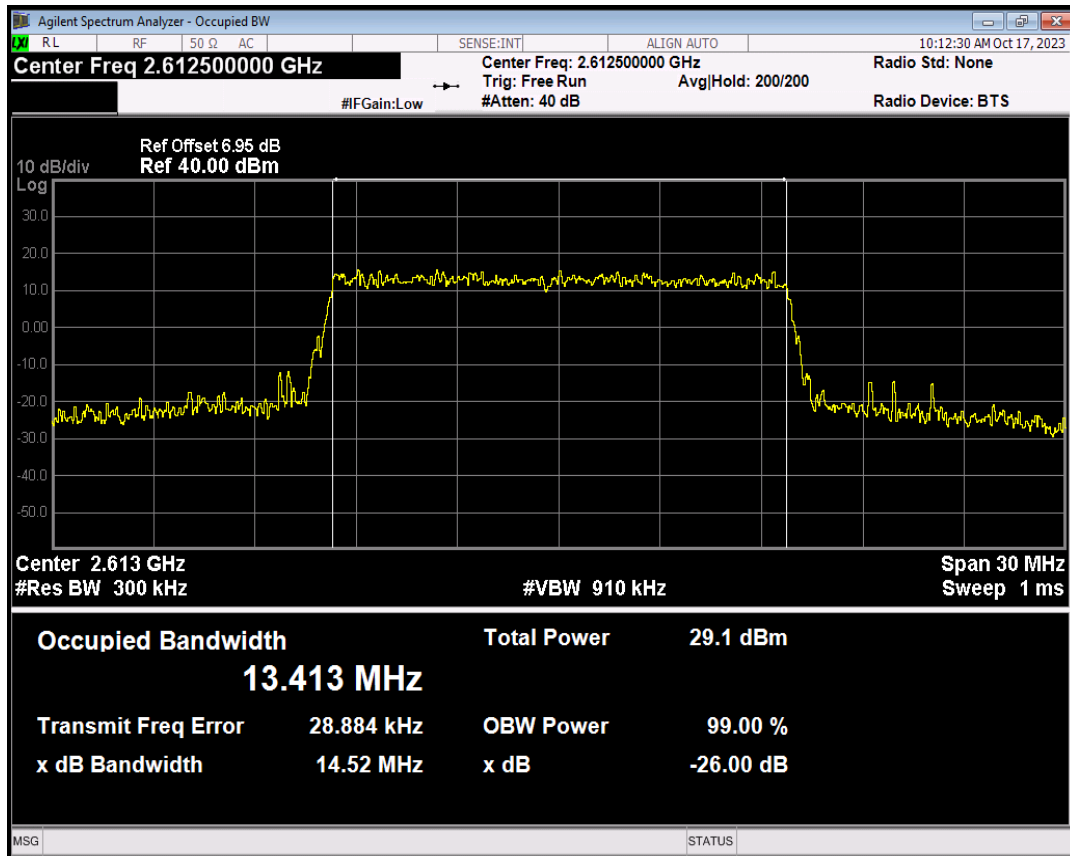
Band38 16QAM BW=15MHz Channel=38000 RB Size=75 Position=#0



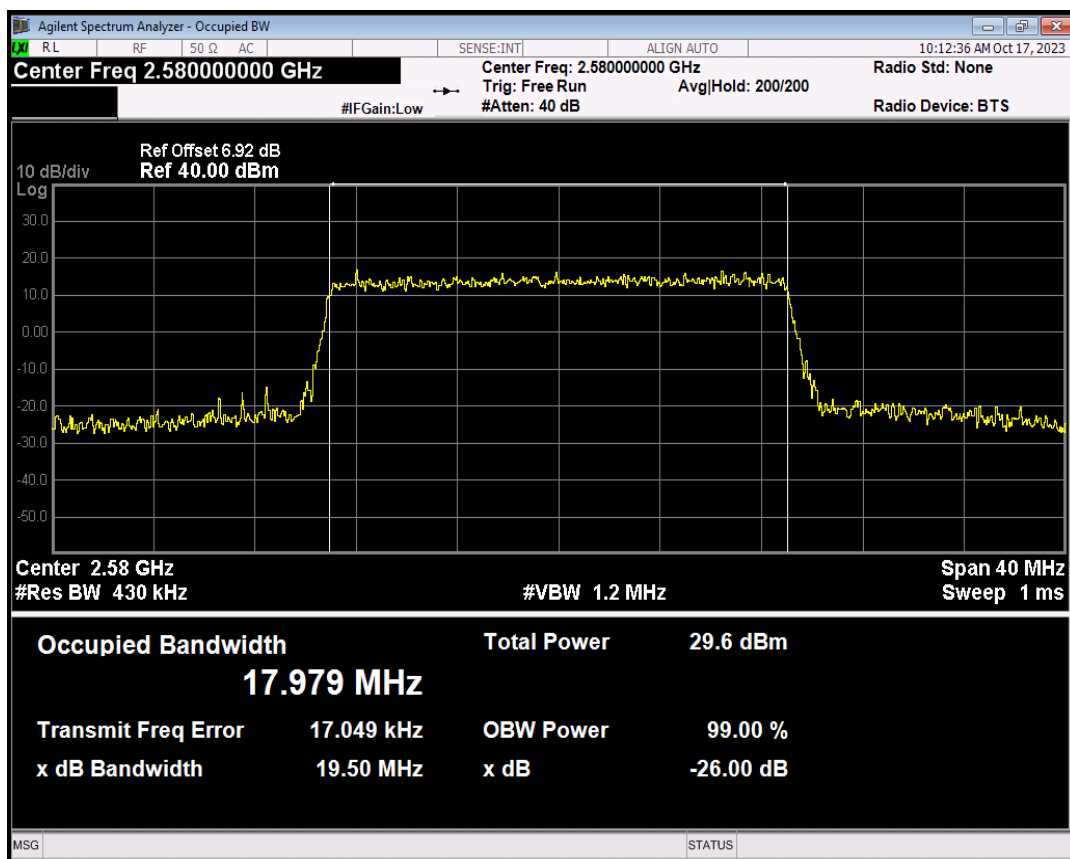
Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0



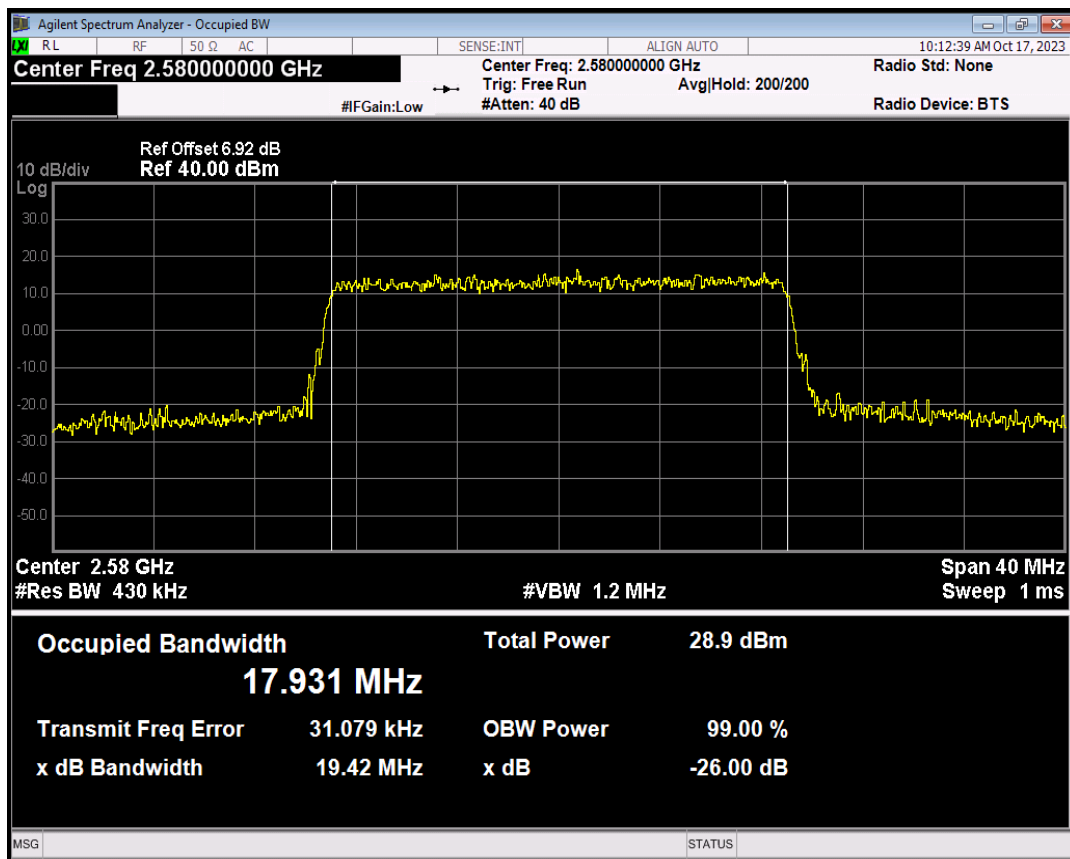
Band38 16QAM BW=15MHz Channel=38175 RB Size=75 Position=#0



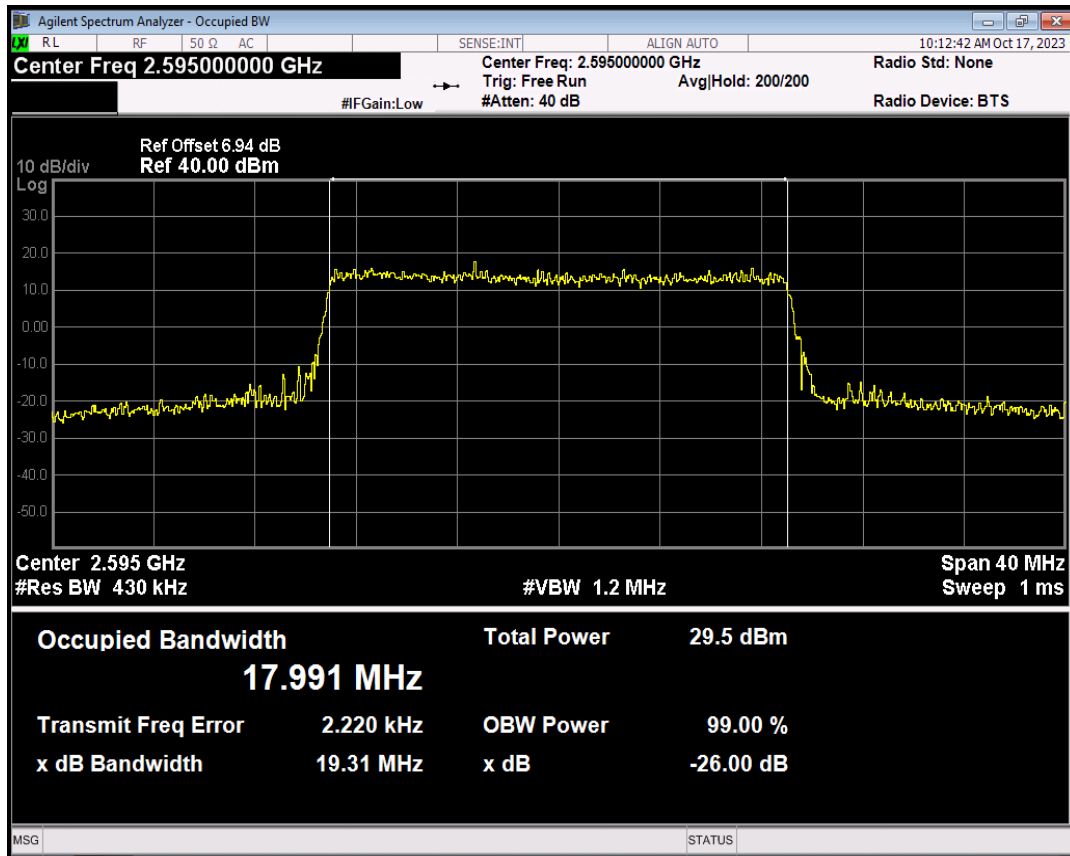
Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0



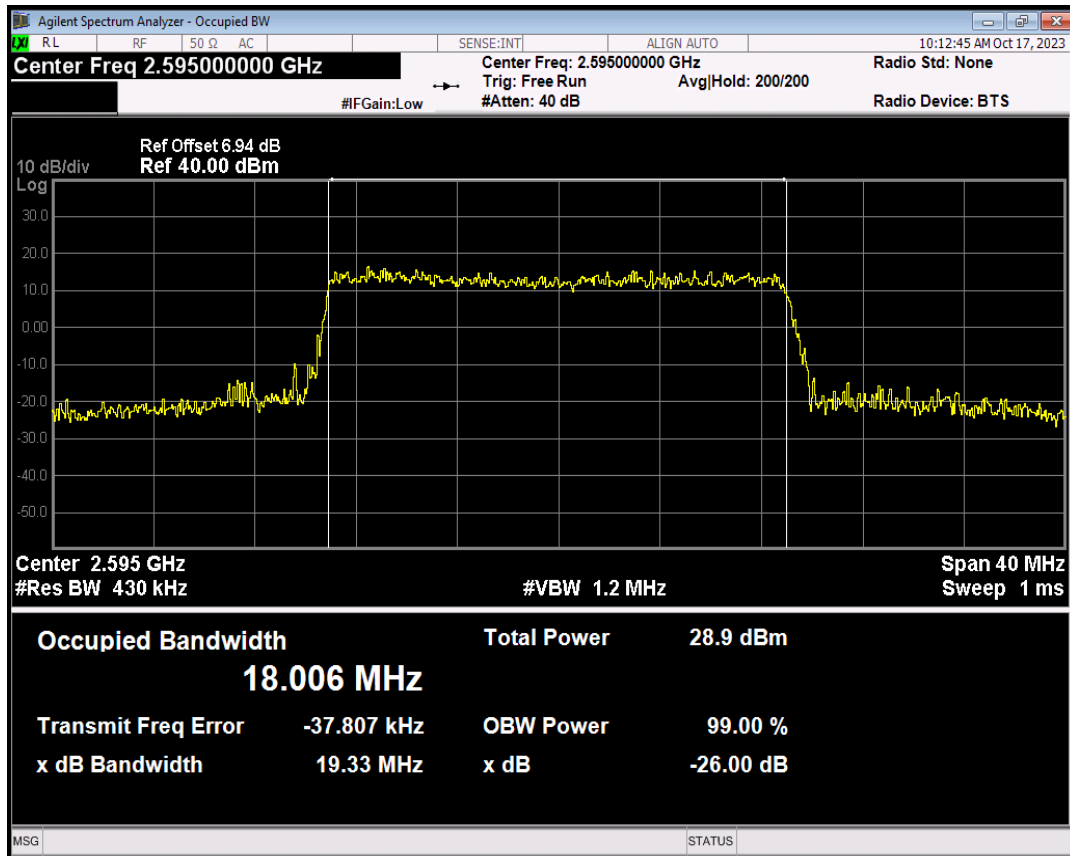
Band38 16QAM BW=20MHz Channel=37850 RB Size=100 Position=#0



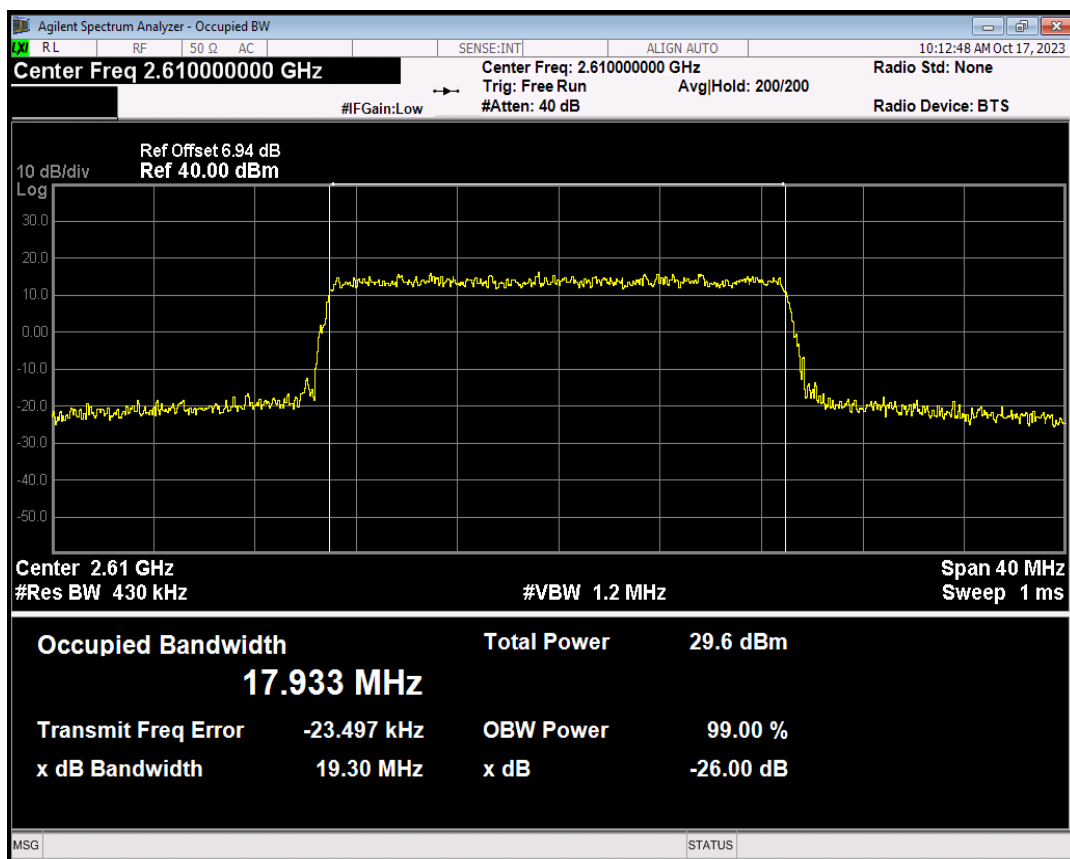
Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0



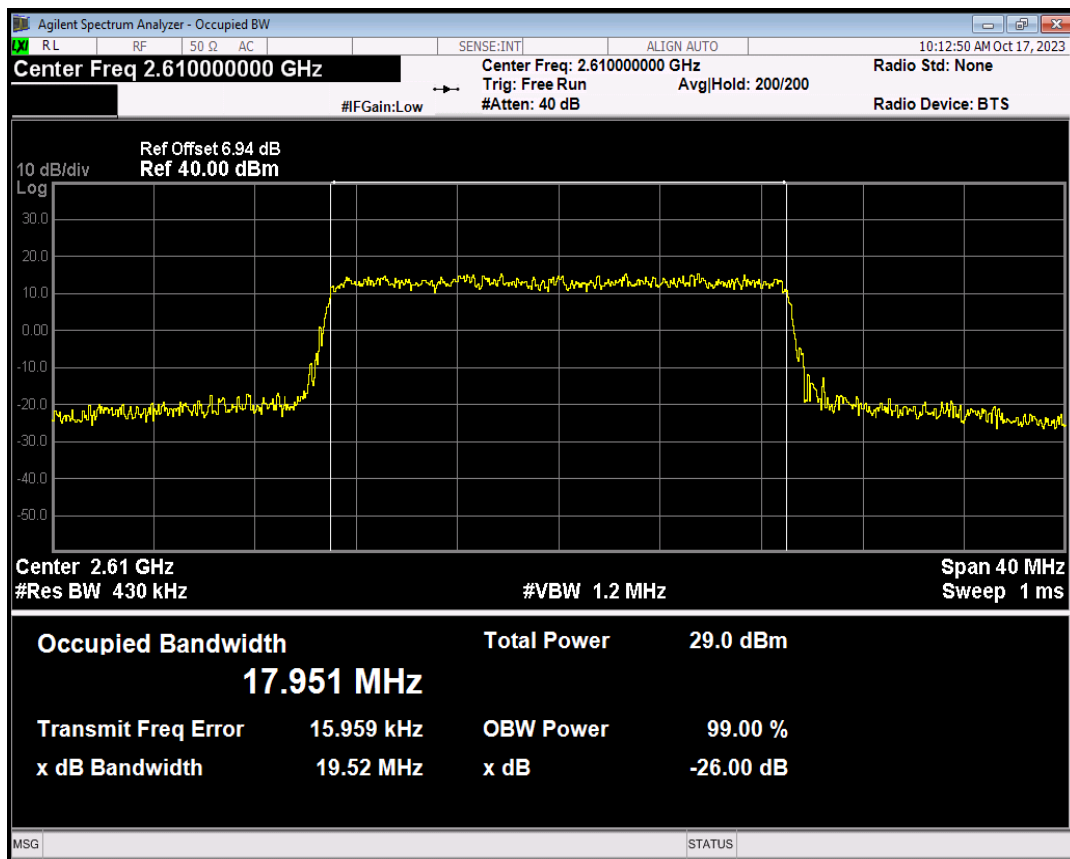
Band38 16QAM BW=20MHz Channel=38000 RB Size=100 Position=#0



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

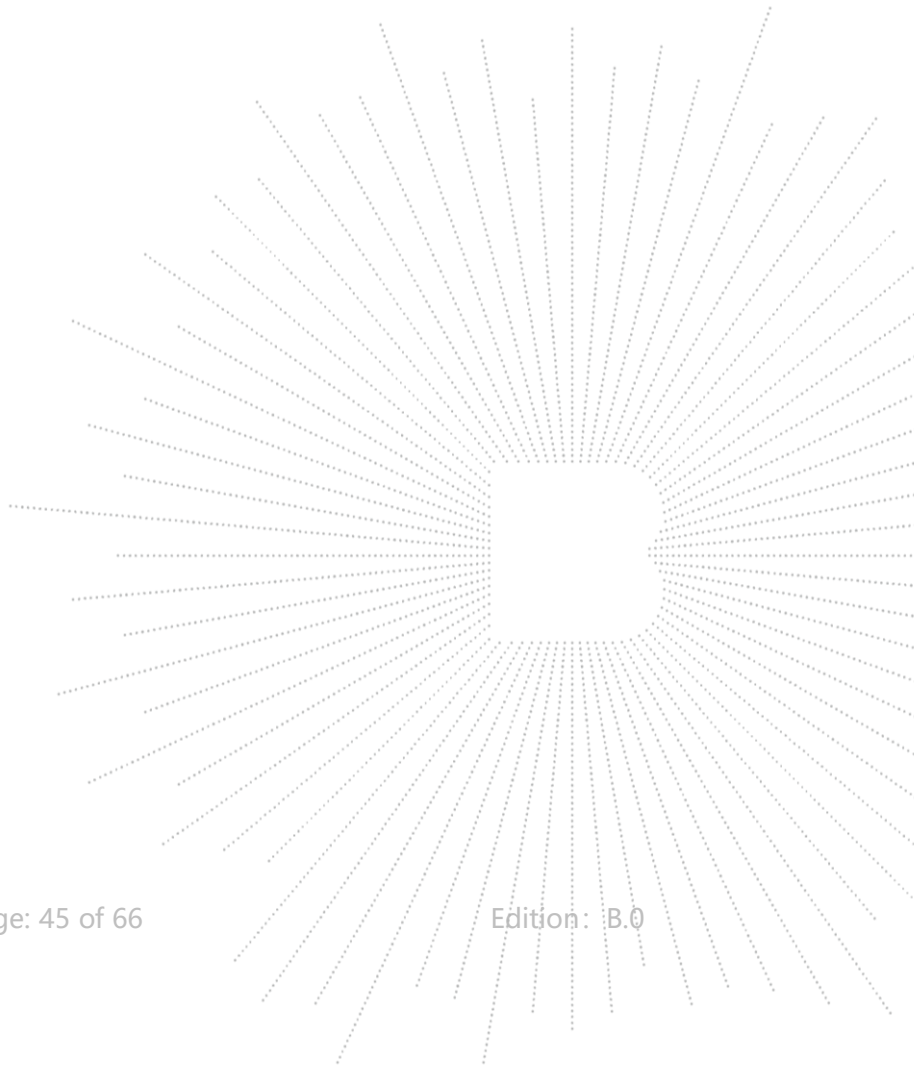


Band38 16QAM BW=20MHz Channel=38150 RB Size=100 Position=#0

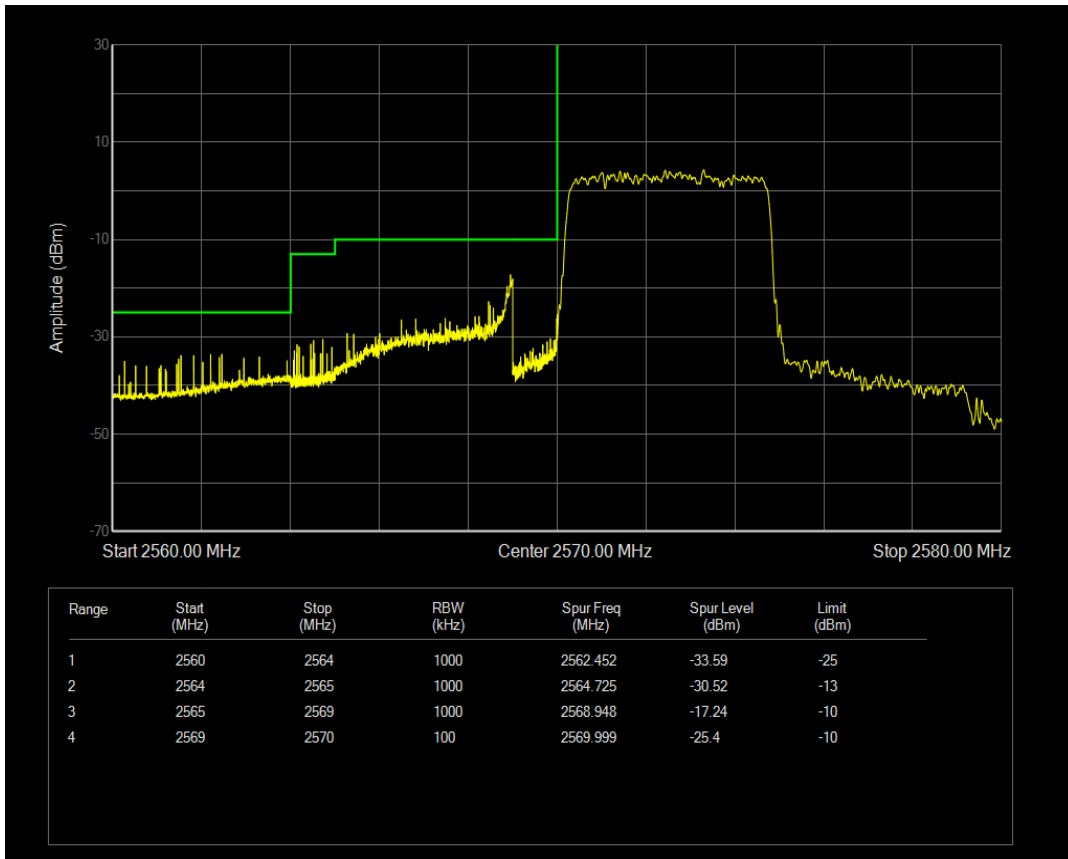


Appendix 5. Band edge

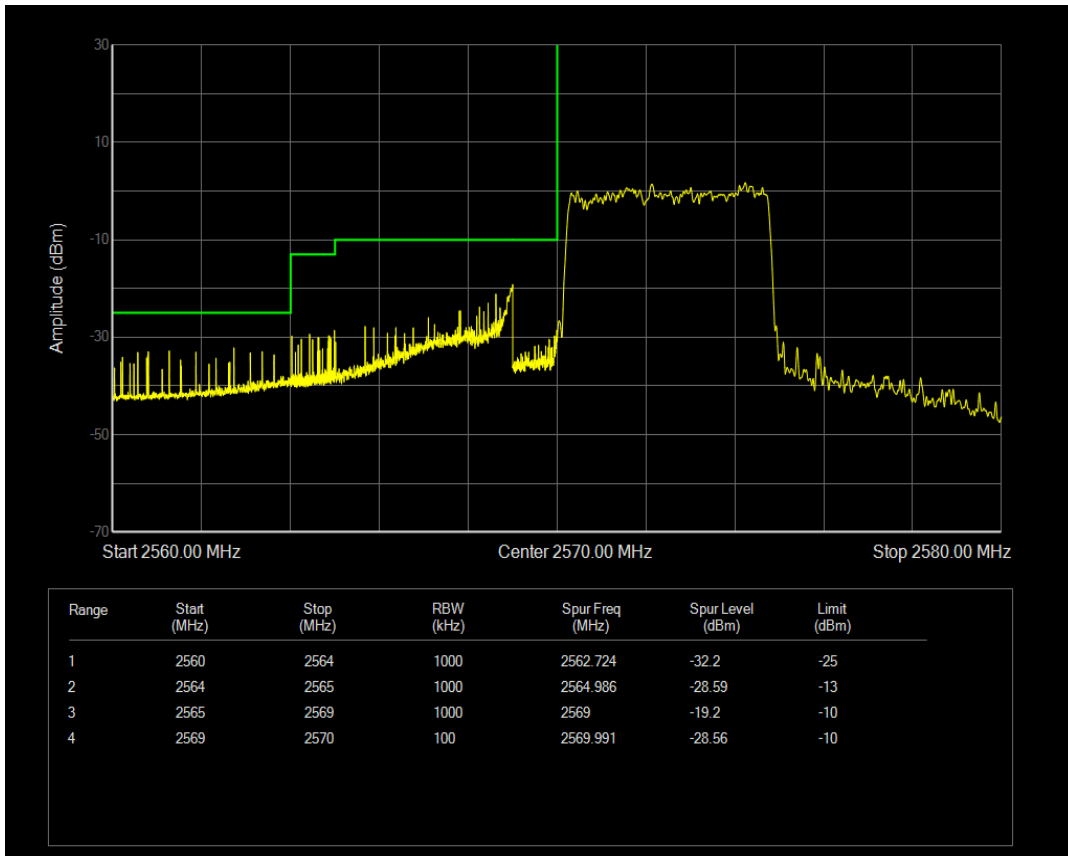
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band38	5	37775	25	#0	QPSK	2568.95	-17.24	-10	PASS
Band38	5	37775	25	#0	16QAM	2562.72	-32.20	-25	PASS
Band38	5	38225	25	#0	QPSK	2621.01	-16.44	-10	PASS
Band38	5	38225	25	#0	16QAM	2627.58	-28.46	-25	PASS
Band38	10	37800	50	#0	QPSK	2557.95	-36.63	-25	PASS
Band38	10	37800	50	#0	16QAM	2558.18	-36.03	-25	PASS
Band38	10	38200	50	#0	QPSK	2631.41	-34.90	-25	PASS
Band38	10	38200	50	#0	16QAM	2631.24	-35.89	-25	PASS
Band38	15	37825	75	#0	QPSK	2553.49	-37.92	-25	PASS
Band38	15	37825	75	#0	16QAM	2554.79	-37.58	-25	PASS
Band38	15	38175	75	#0	QPSK	2636.32	-35.64	-25	PASS
Band38	15	38175	75	#0	16QAM	2637.60	-37.50	-25	PASS
Band38	20	37850	100	#0	QPSK	2549.62	-38.74	-25	PASS
Band38	20	37850	100	#0	16QAM	2549.46	-39.88	-25	PASS
Band38	20	38150	100	#0	QPSK	2641.84	-38.63	-25	PASS
Band38	20	38150	100	#0	16QAM	2640.54	-37.58	-25	PASS



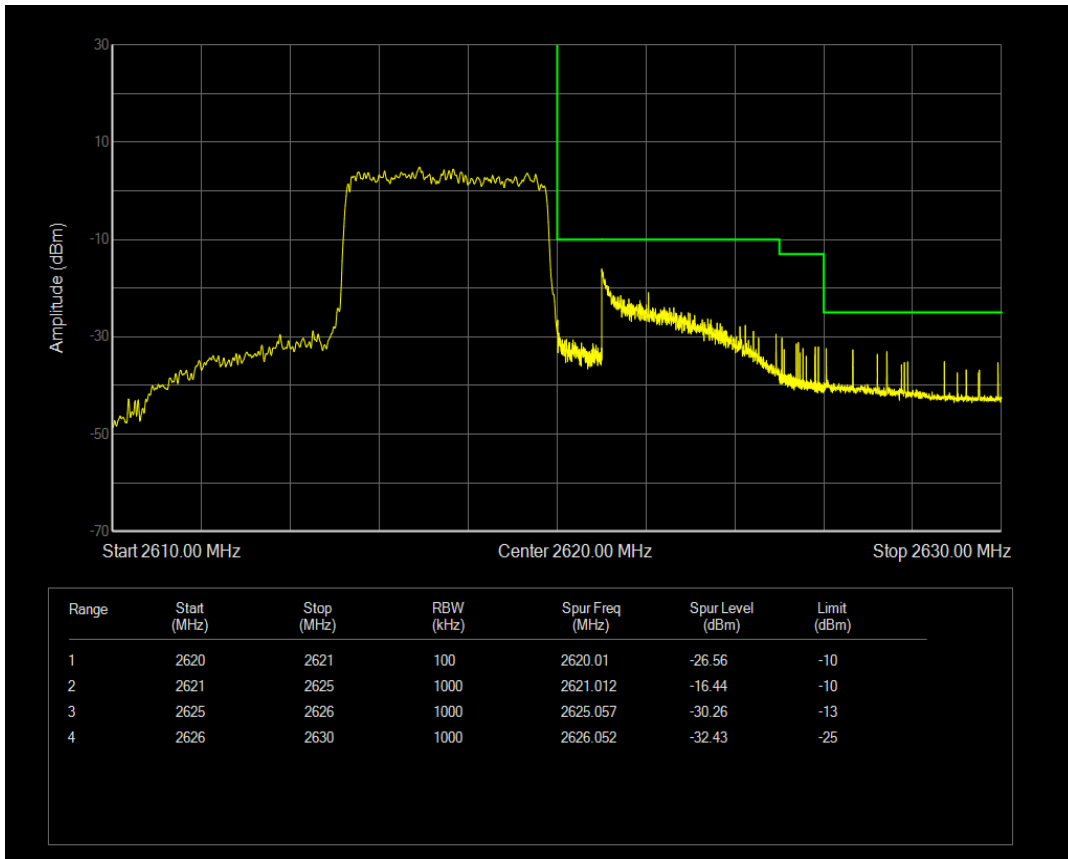
Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0



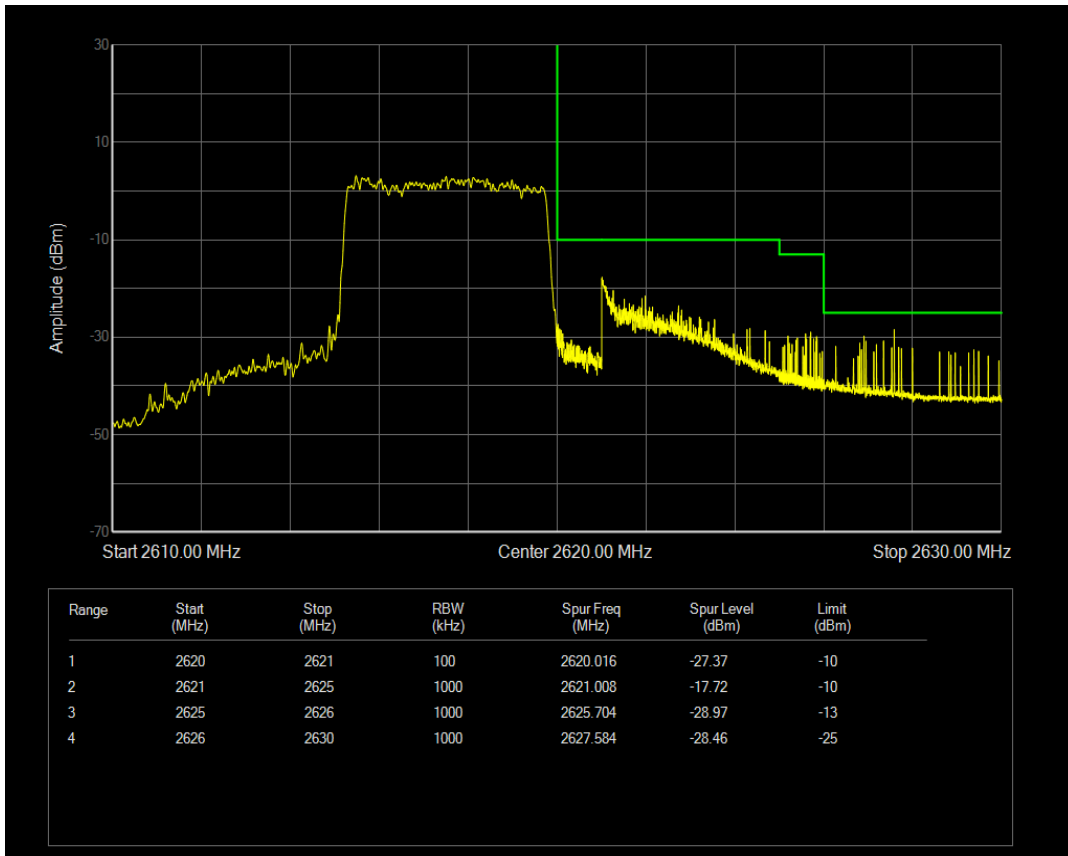
Band38 16QAM BW=5MHz Channel=37775 RB Size=25 Position=#0



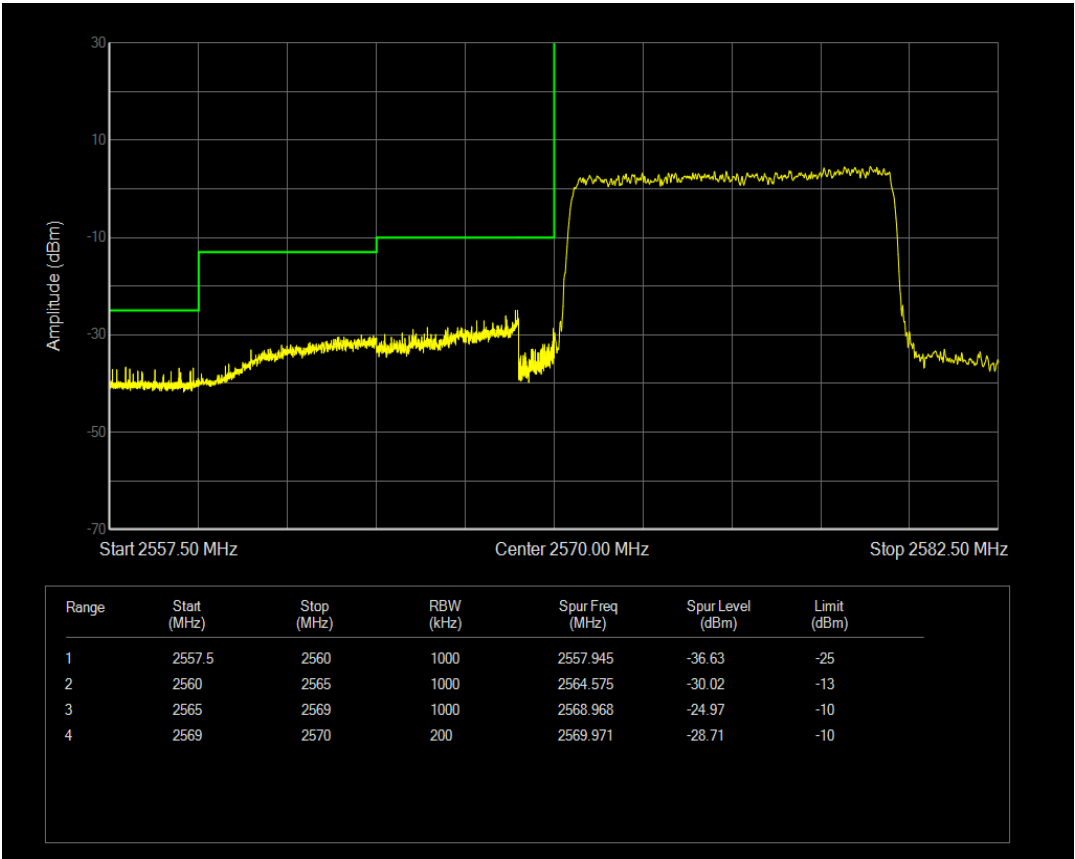
Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0



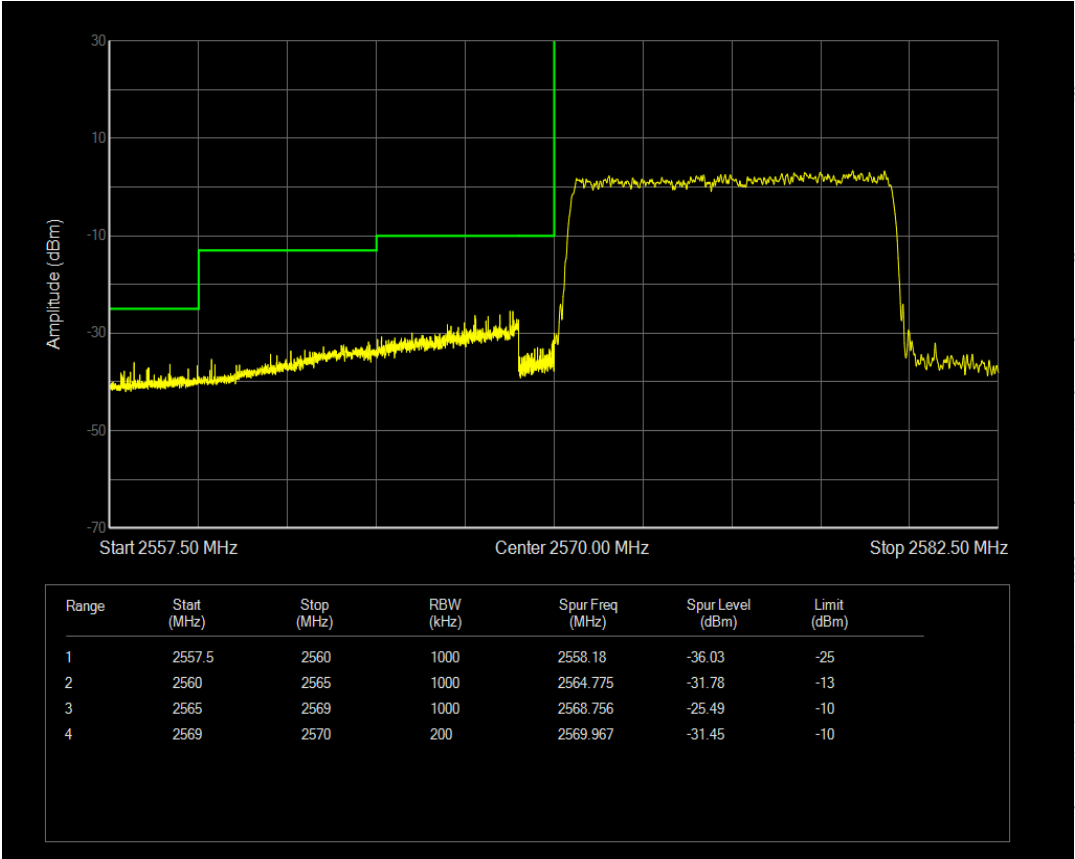
Band38 16QAM BW=5MHz Channel=38225 RB Size=25 Position=#0



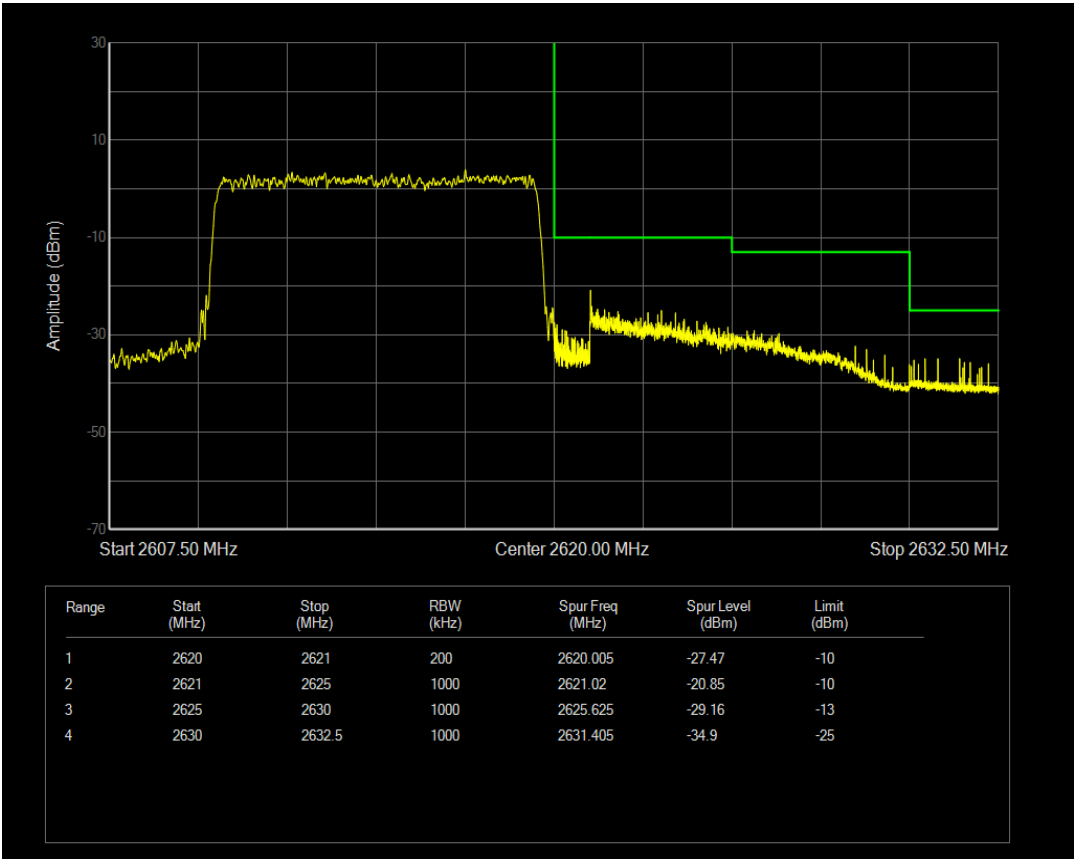
Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0



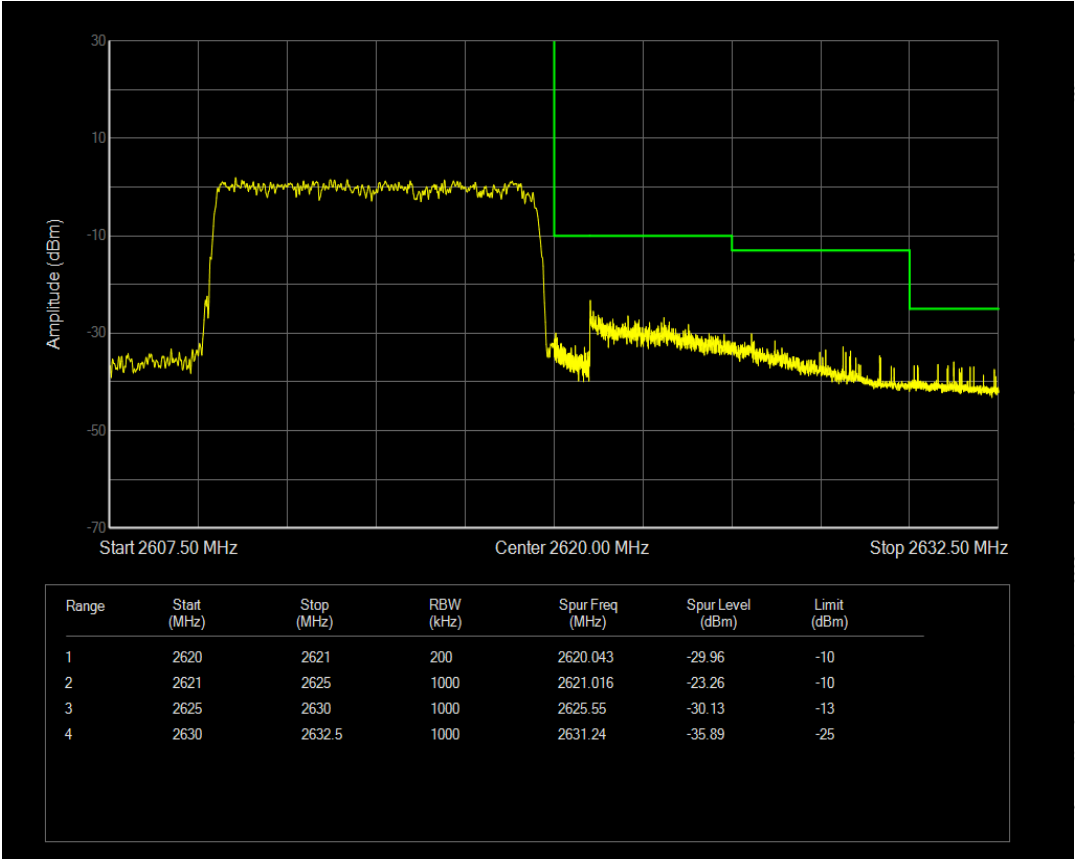
Band38 16QAM BW=10MHz Channel=37800 RB Size=50 Position=#0



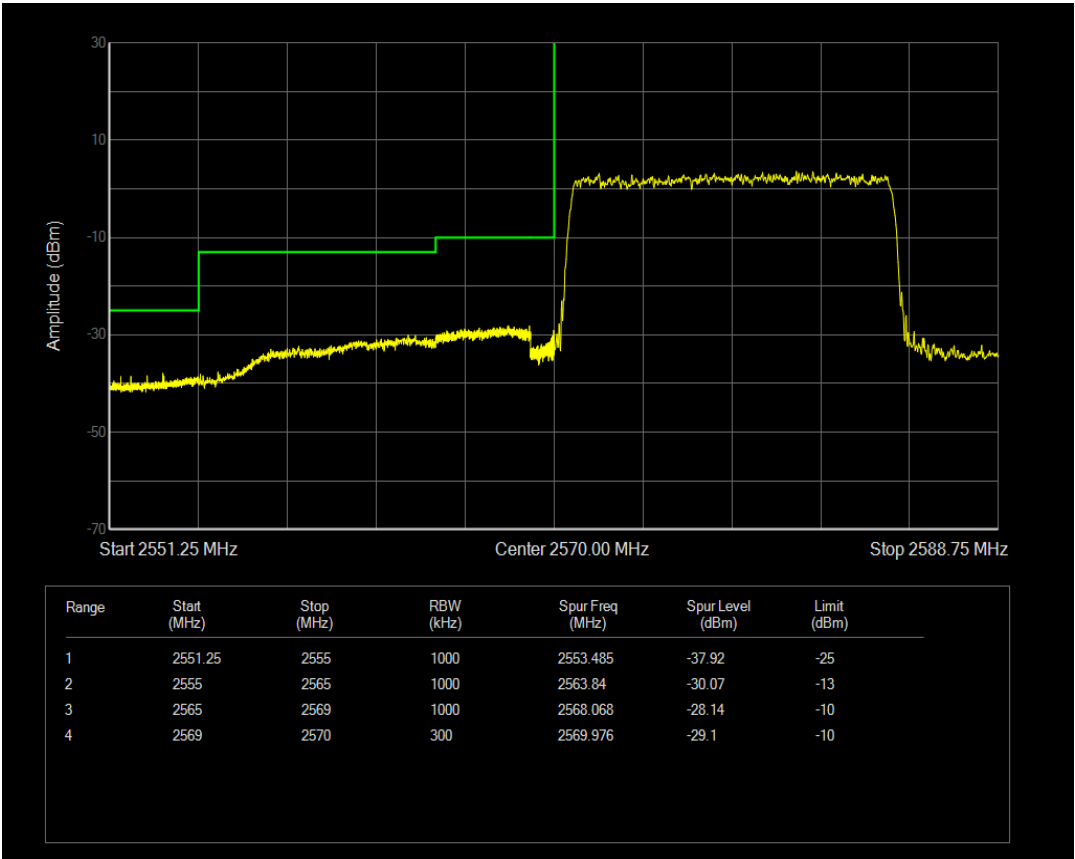
Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0



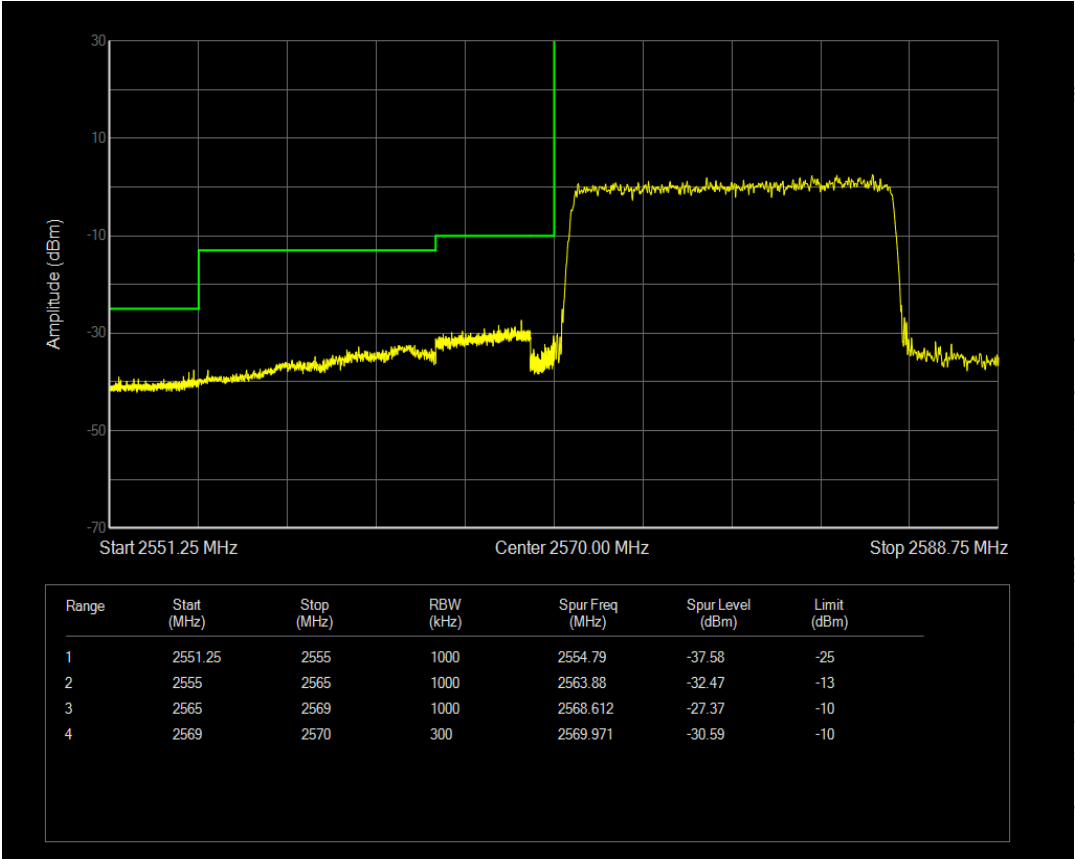
Band38 16QAM BW=10MHz Channel=38200 RB Size=50 Position=#0



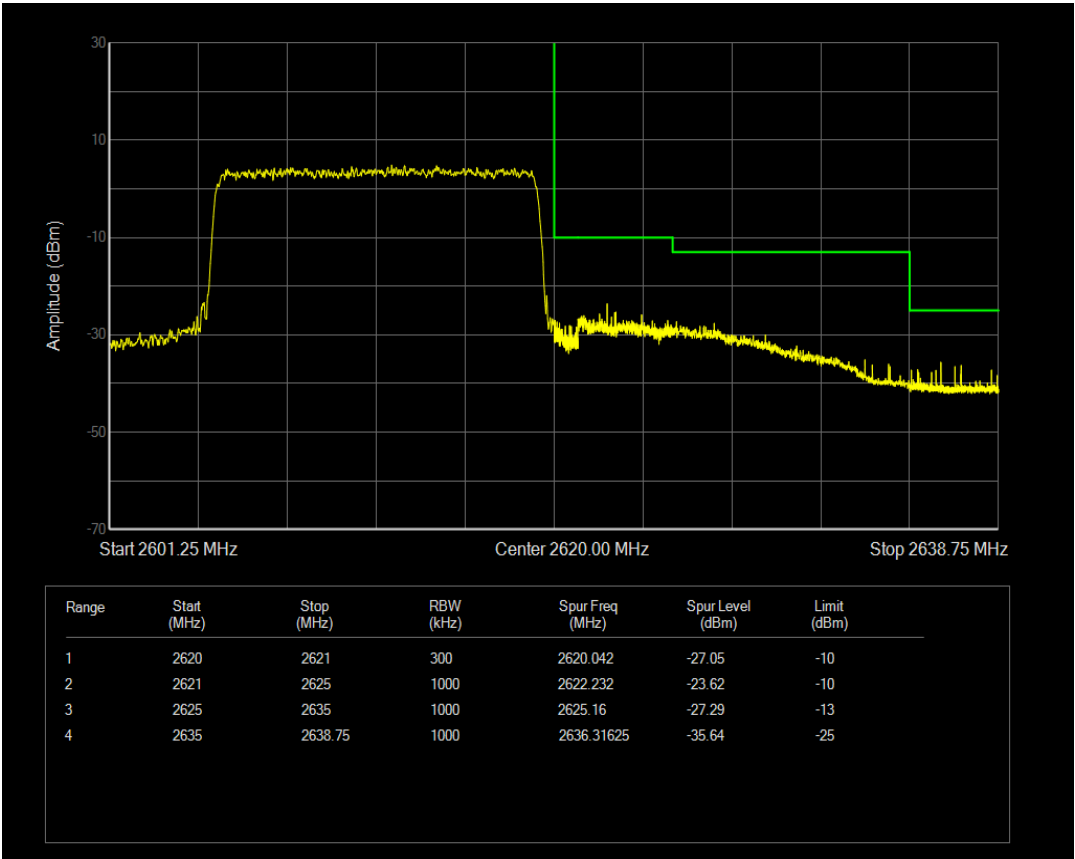
Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0



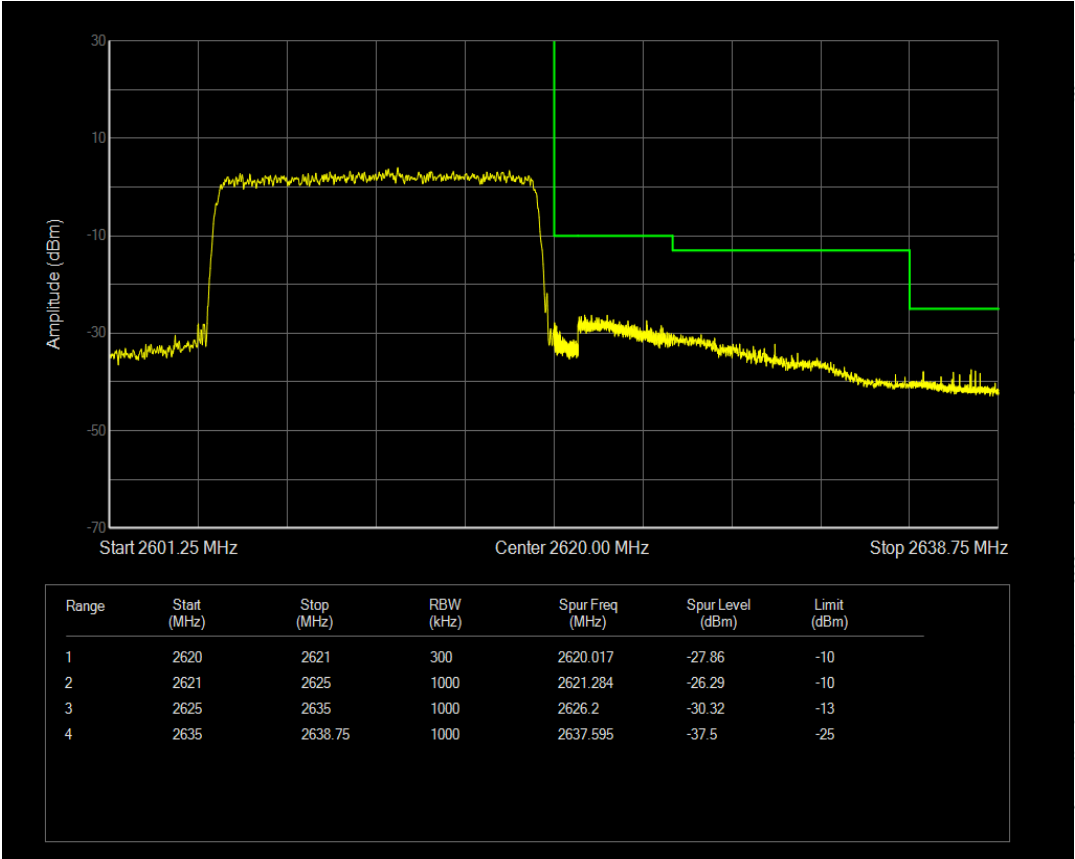
Band38 16QAM BW=15MHz Channel=37825 RB Size=75 Position=#0



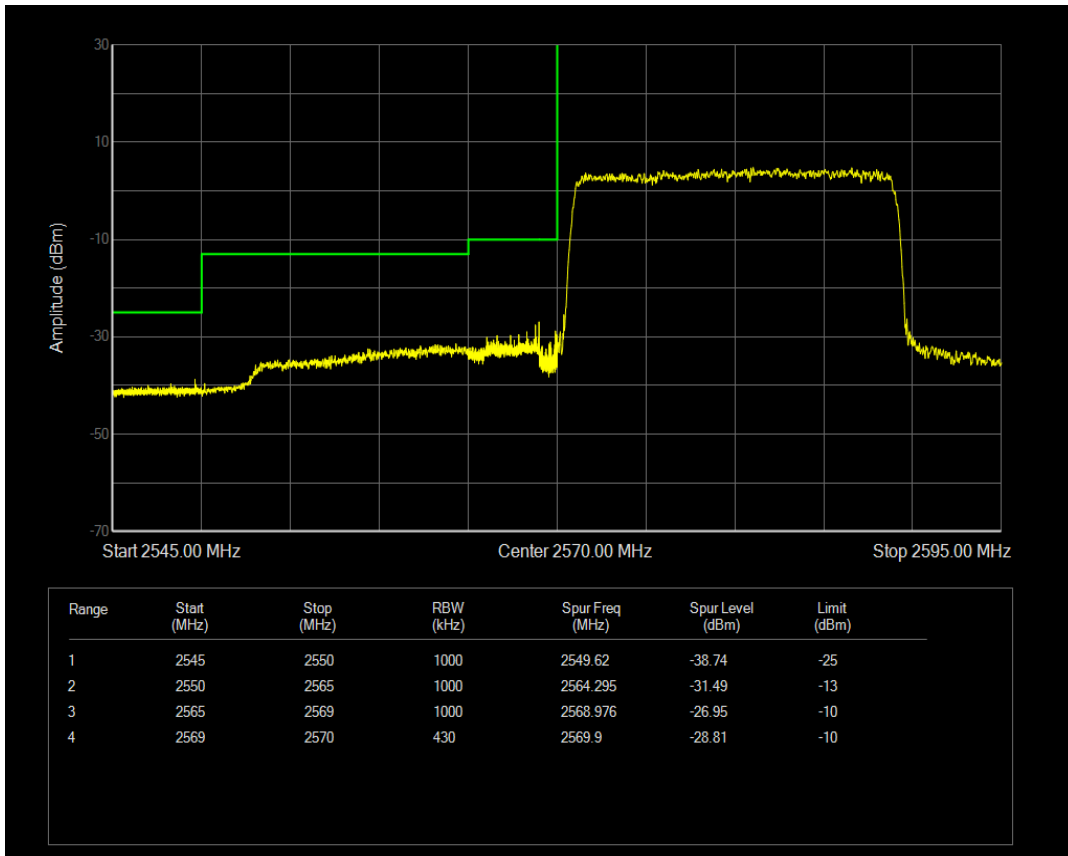
Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0



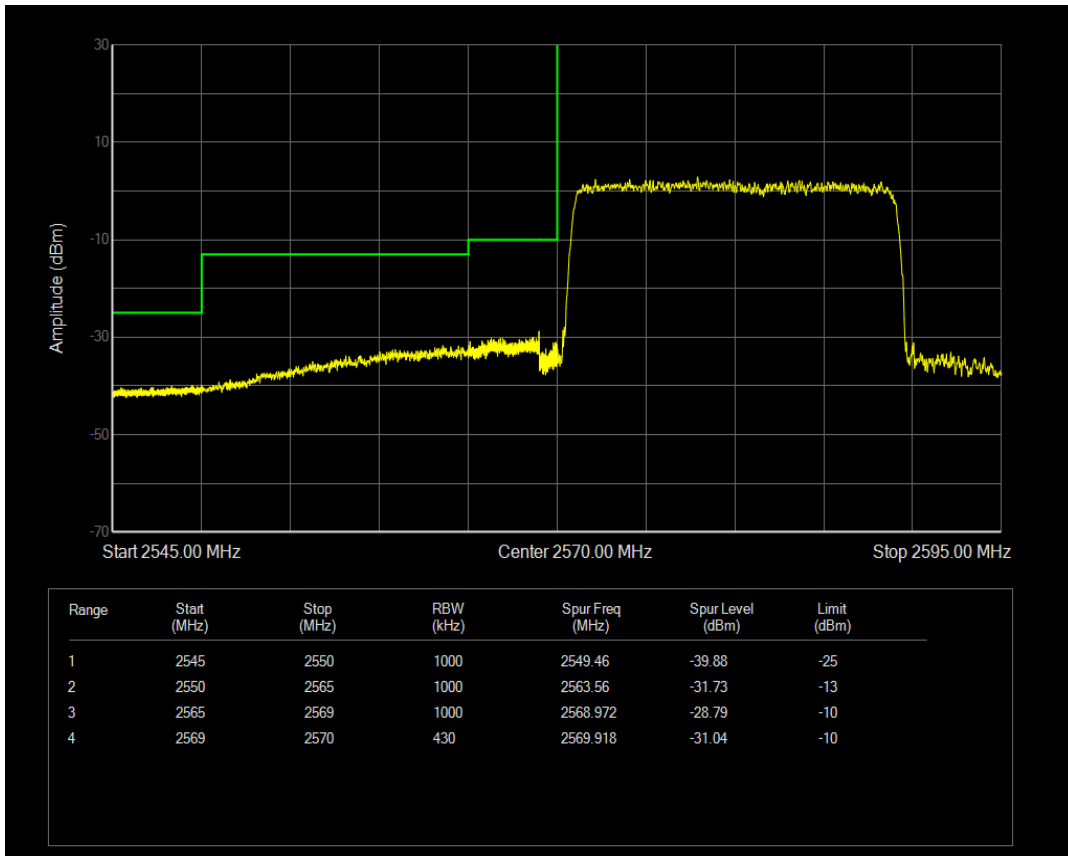
Band38 16QAM BW=15MHz Channel=38175 RB Size=75 Position=#0



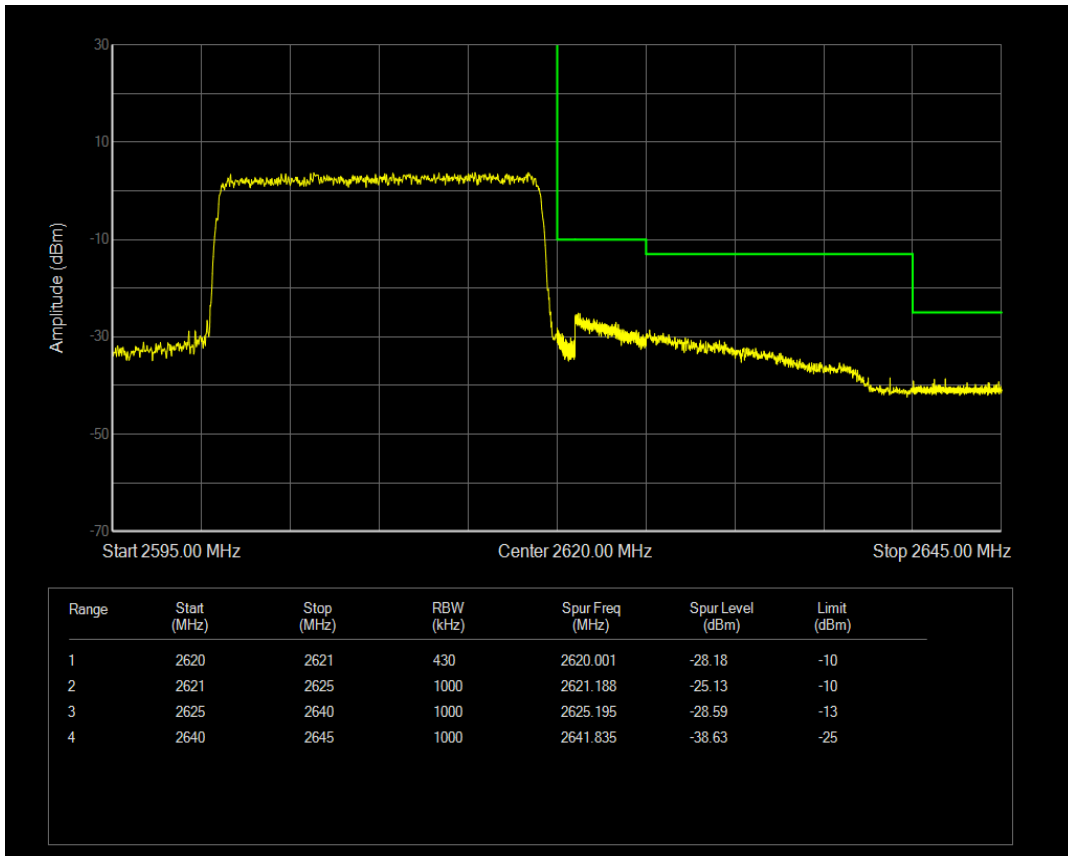
Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0



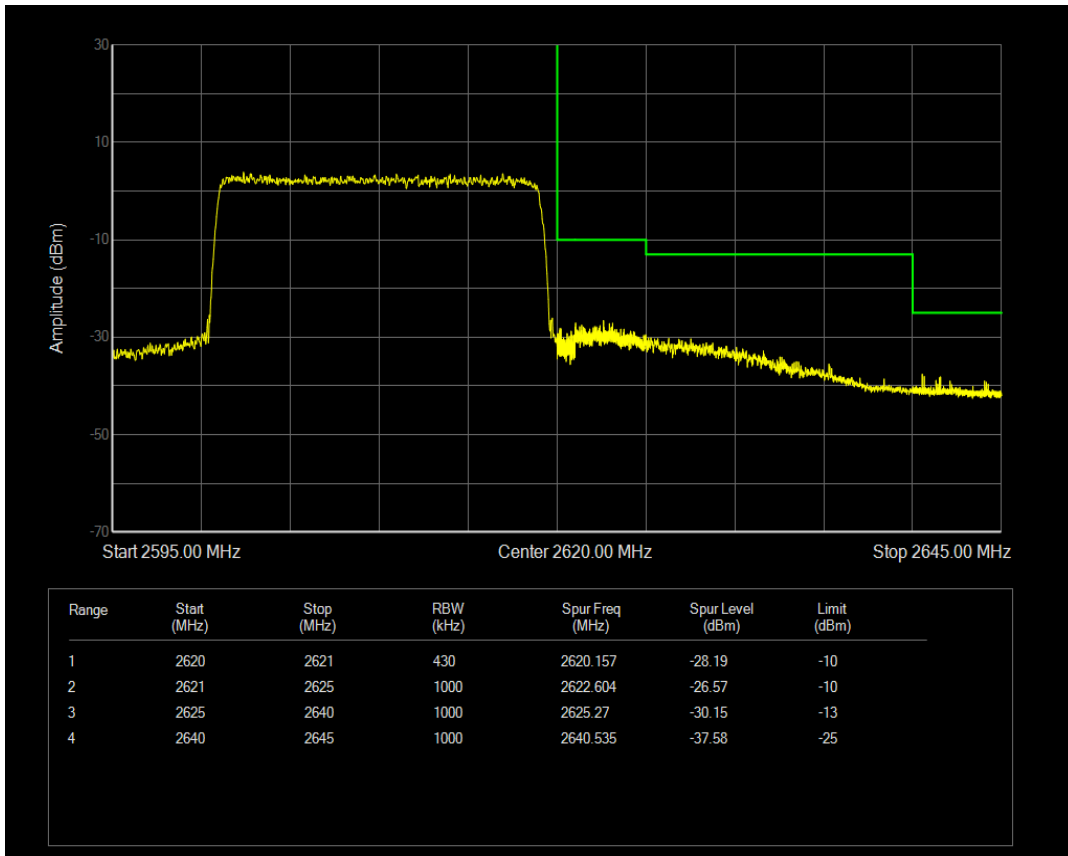
Band38 16QAM BW=20MHz Channel=37850 RB Size=100 Position=#0



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



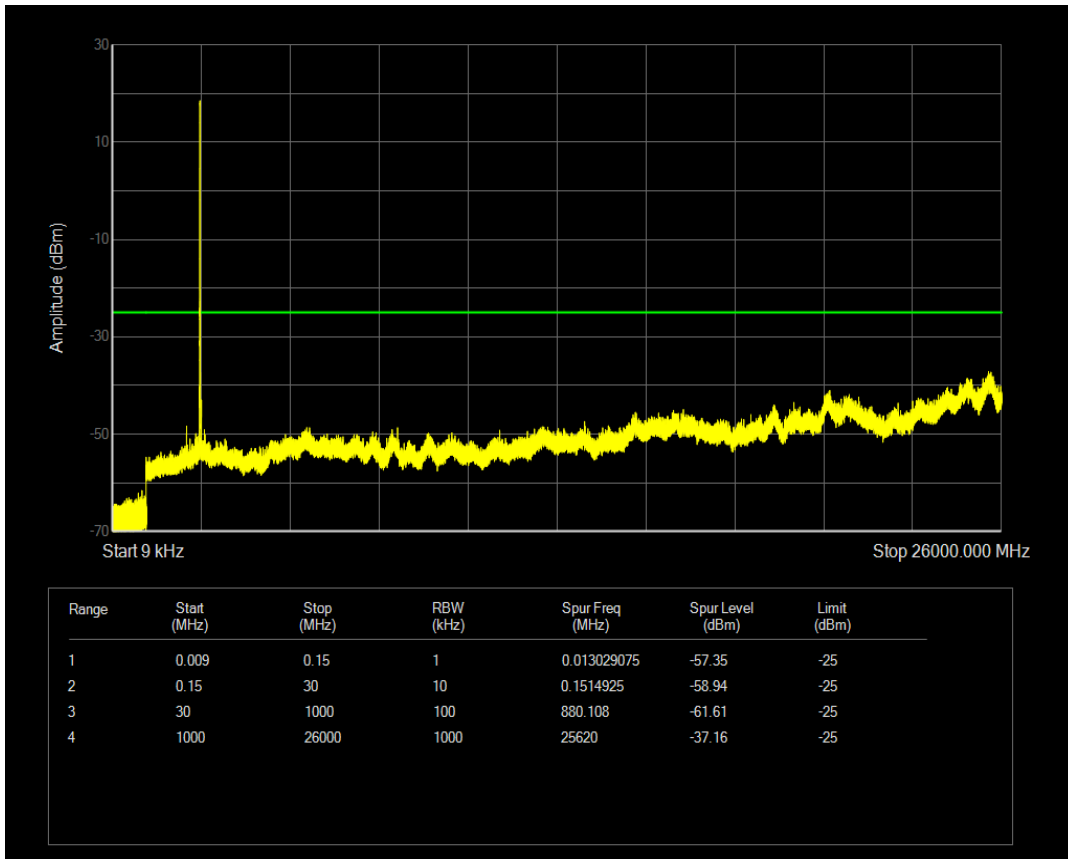
Band38 16QAM BW=20MHz Channel=38150 RB Size=100 Position=#0



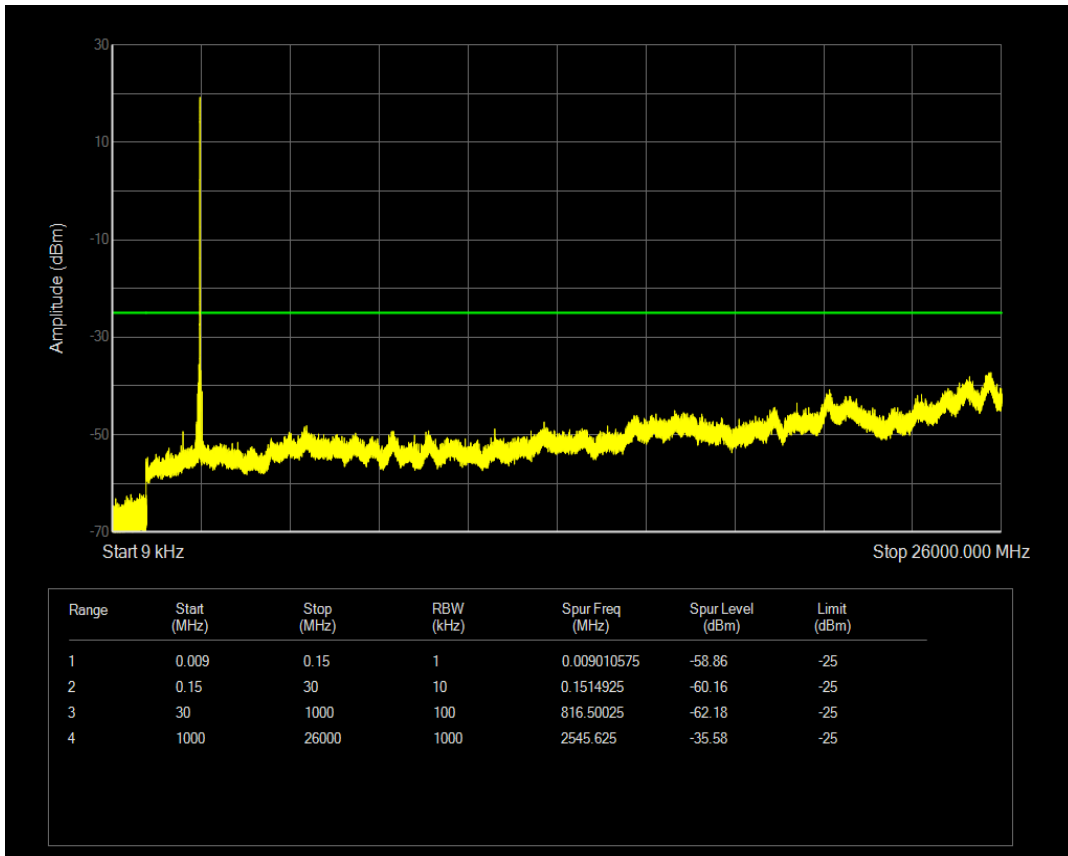
Appendix 6. Out-of-band emissions

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	25620.00	-37.16	-25	PASS
Band38	5	37775	25	#0	16QAM	2545.63	-35.58	-25	PASS
Band38	5	38000	25	#0	QPSK	2645.63	-34.68	-25	PASS
Band38	5	38000	25	#0	16QAM	25637.50	-36.51	-25	PASS
Band38	5	38225	25	#0	QPSK	25641.25	-36.52	-25	PASS
Band38	5	38225	25	#0	16QAM	25637.50	-36.30	-25	PASS
Band38	10	37800	50	#0	QPSK	2505.00	-29.89	-25	PASS
Band38	10	37800	50	#0	16QAM	2496.25	-33.63	-25	PASS
Band38	10	38000	50	#0	QPSK	2713.75	-37.21	-25	PASS
Band38	10	38000	50	#0	16QAM	25701.88	-36.50	-25	PASS
Band38	10	38200	50	#0	QPSK	2518.75	-31.92	-25	PASS
Band38	10	38200	50	#0	16QAM	2726.88	-35.66	-25	PASS
Band38	15	37825	75	#0	QPSK	25631.88	-36.89	-25	PASS
Band38	15	37825	75	#0	16QAM	2701.25	-33.49	-25	PASS
Band38	15	38000	75	#0	QPSK	2685.00	-36.26	-25	PASS
Band38	15	38000	75	#0	16QAM	25660.00	-36.20	-25	PASS
Band38	15	38175	75	#0	QPSK	2690.00	-29.32	-25	PASS
Band38	15	38175	75	#0	16QAM	2706.25	-30.07	-25	PASS
Band38	20	37850	100	#0	QPSK	25632.50	-37.14	-25	PASS
Band38	20	37850	100	#0	16QAM	2719.38	-34.82	-25	PASS
Band38	20	38000	100	#0	QPSK	2488.13	-31.79	-25	PASS
Band38	20	38000	100	#0	16QAM	25726.25	-36.94	-25	PASS
Band38	20	38150	100	#0	QPSK	25541.88	-35.79	-25	PASS
Band38	20	38150	100	#0	16QAM	25625.00	-36.42	-25	PASS

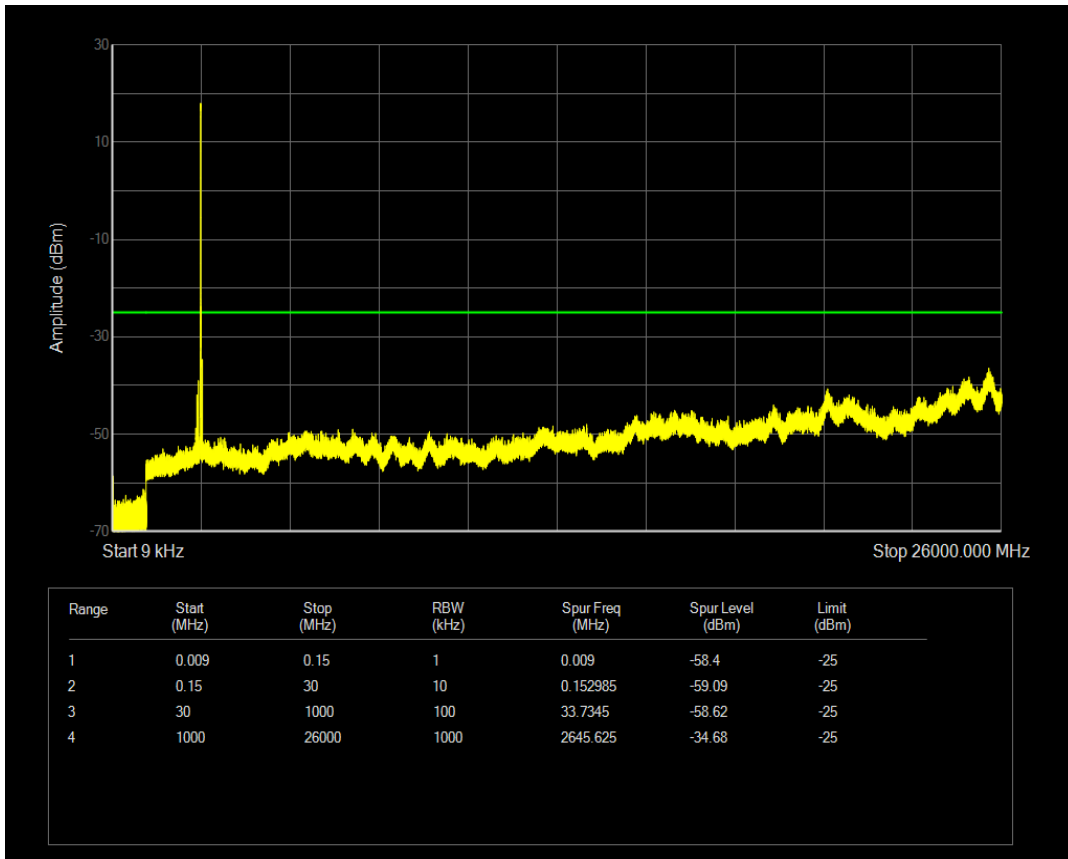
Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0



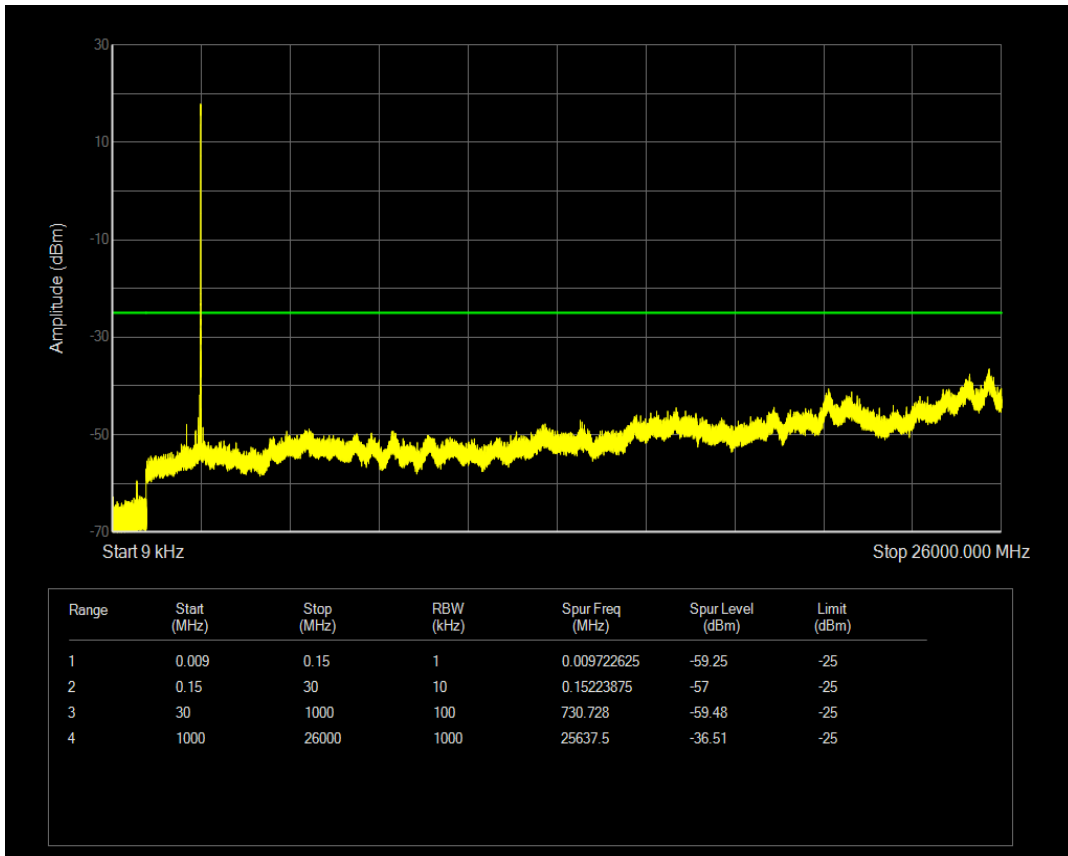
Band38 16QAM BW=5MHz Channel=37775 RB Size=25 Position=#0



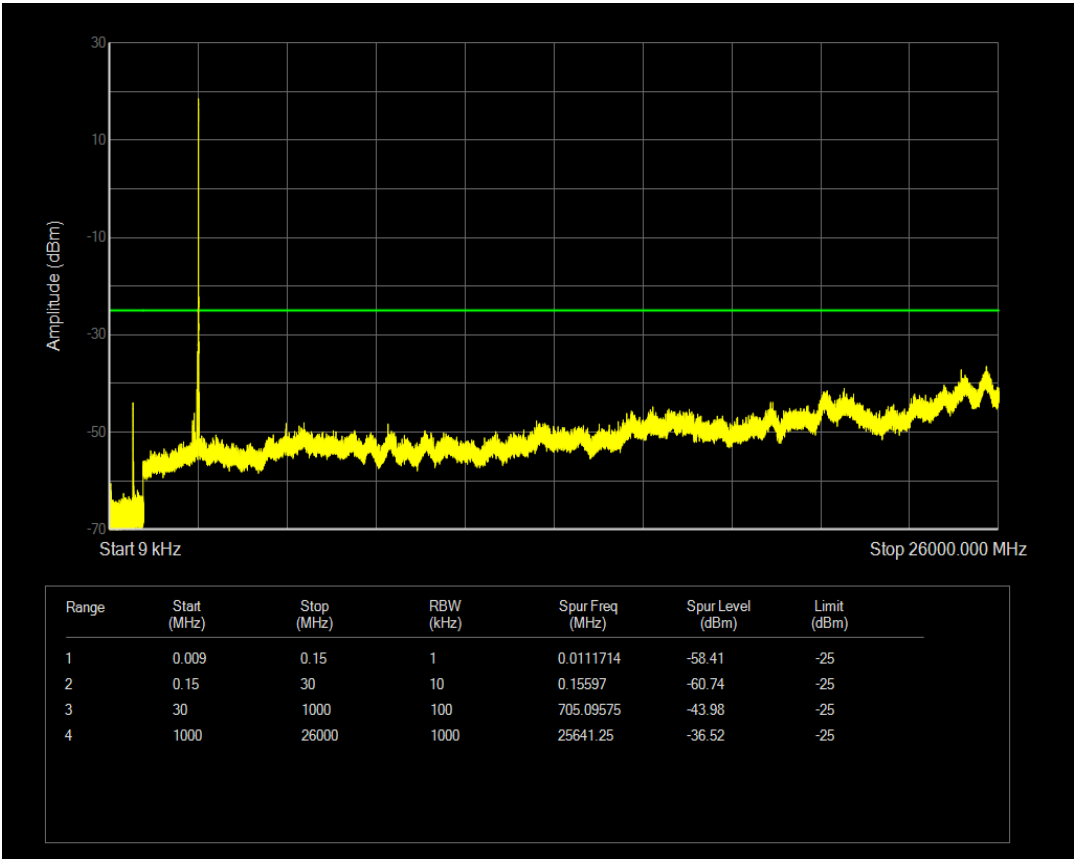
Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0



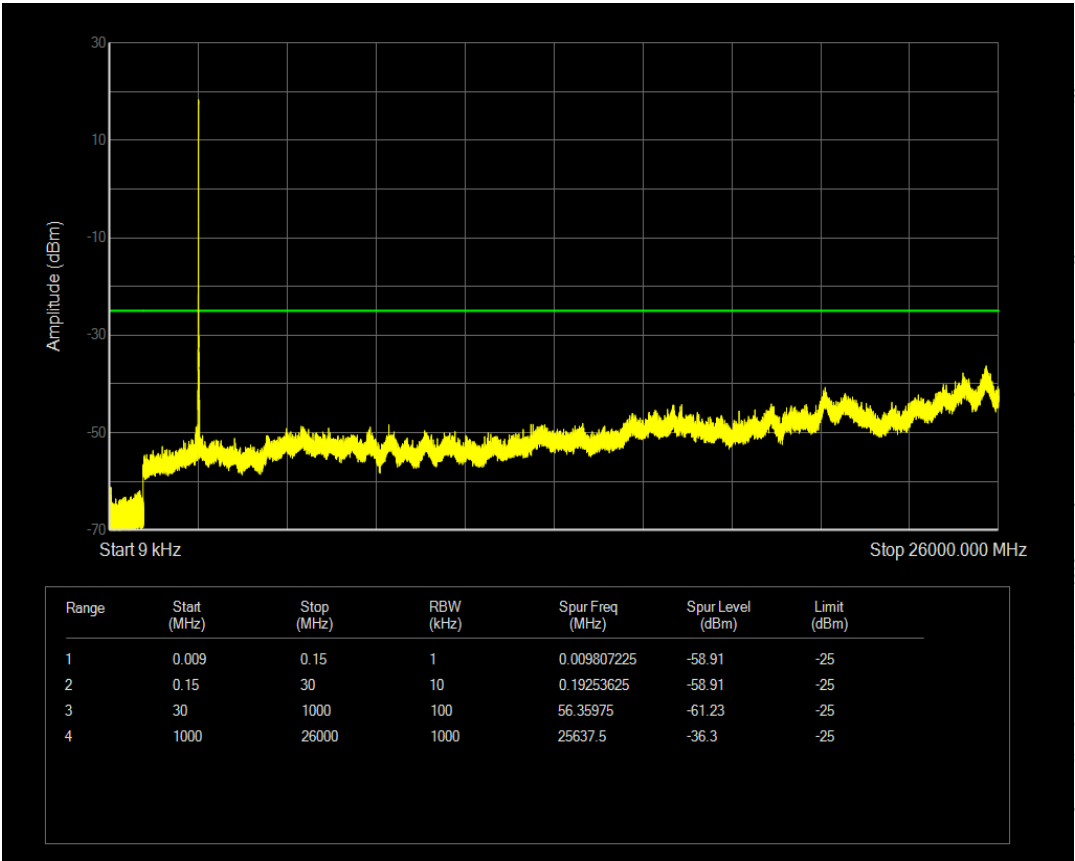
Band38 16QAM BW=5MHz Channel=38000 RB Size=25 Position=#0



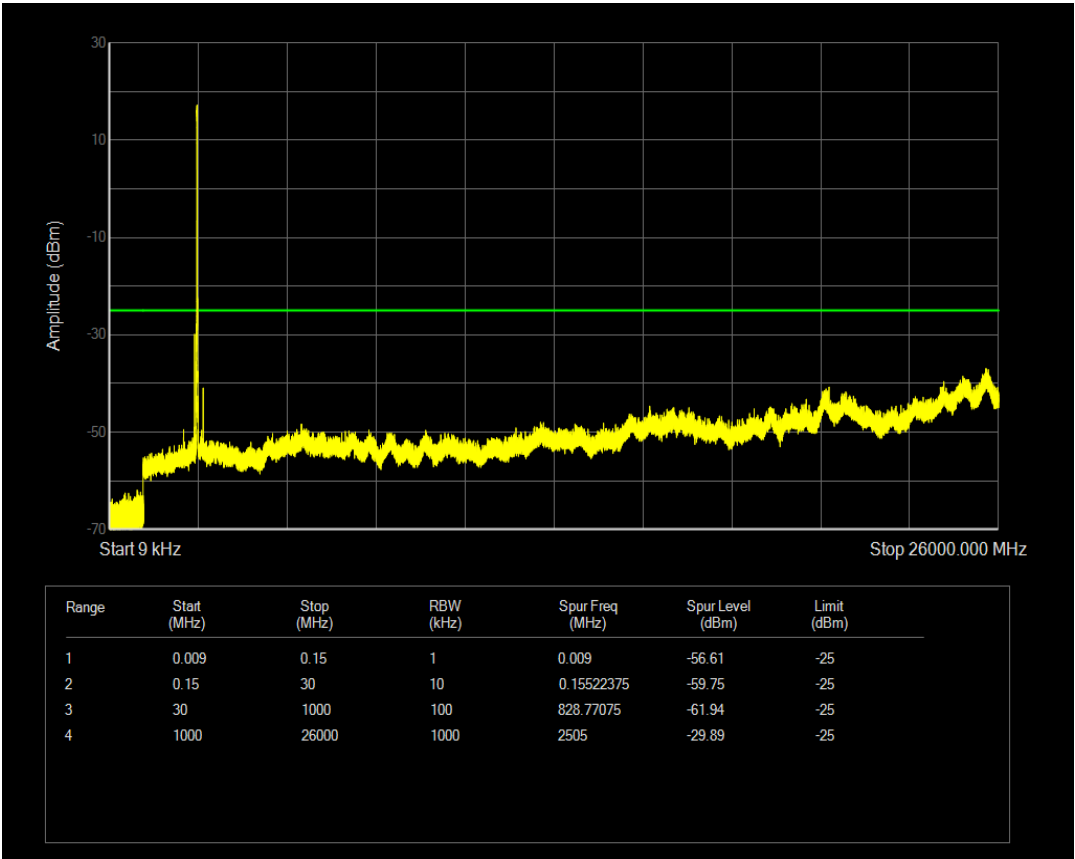
Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0



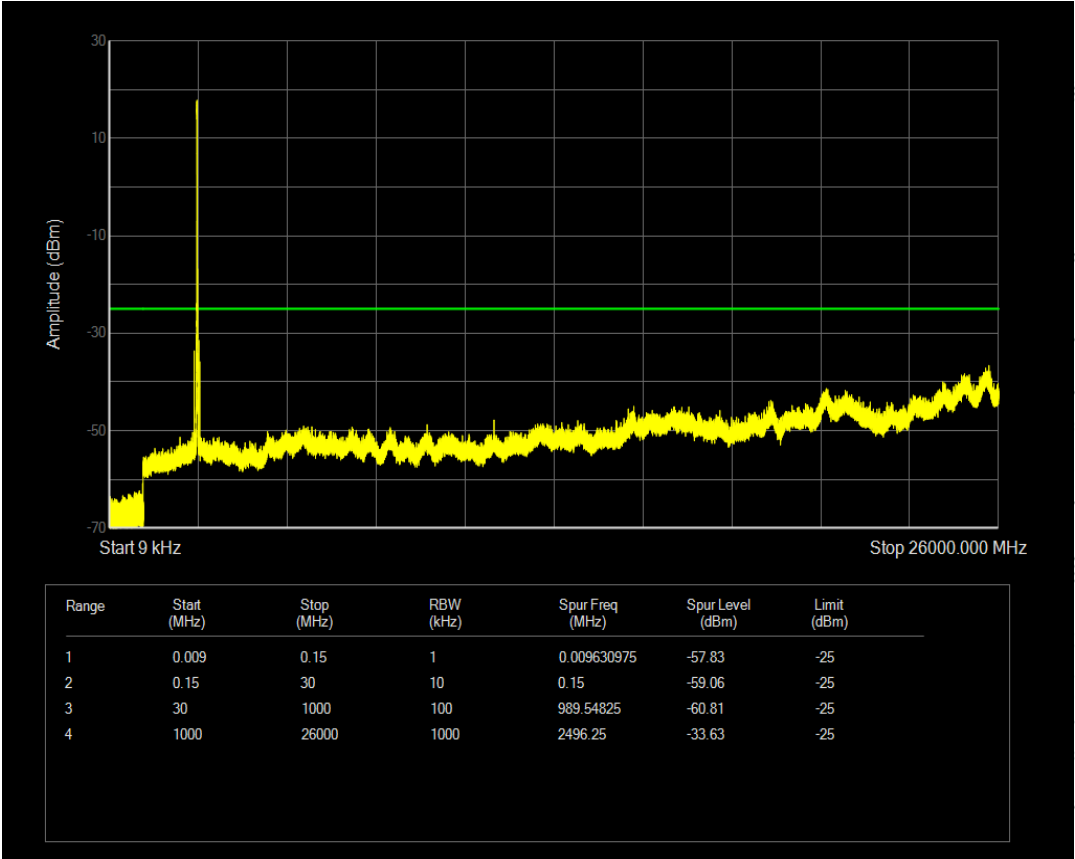
Band38 16QAM BW=5MHz Channel=38225 RB Size=25 Position=#0



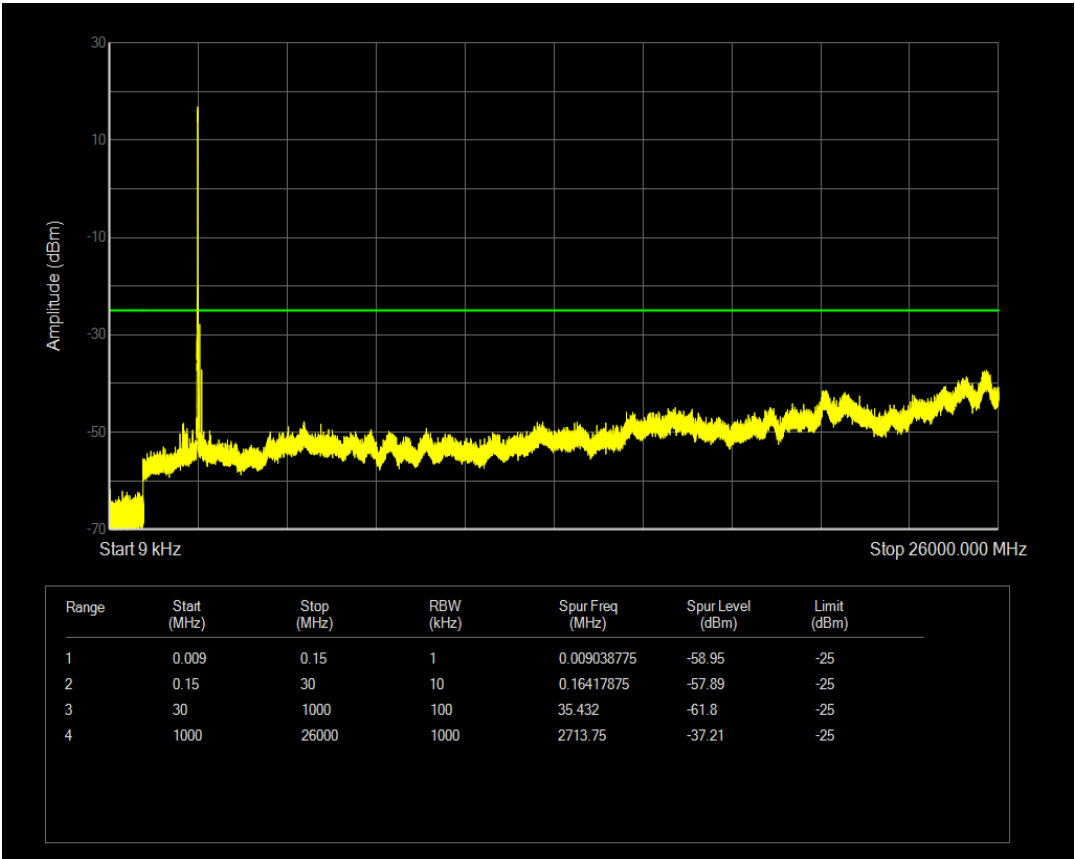
Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0



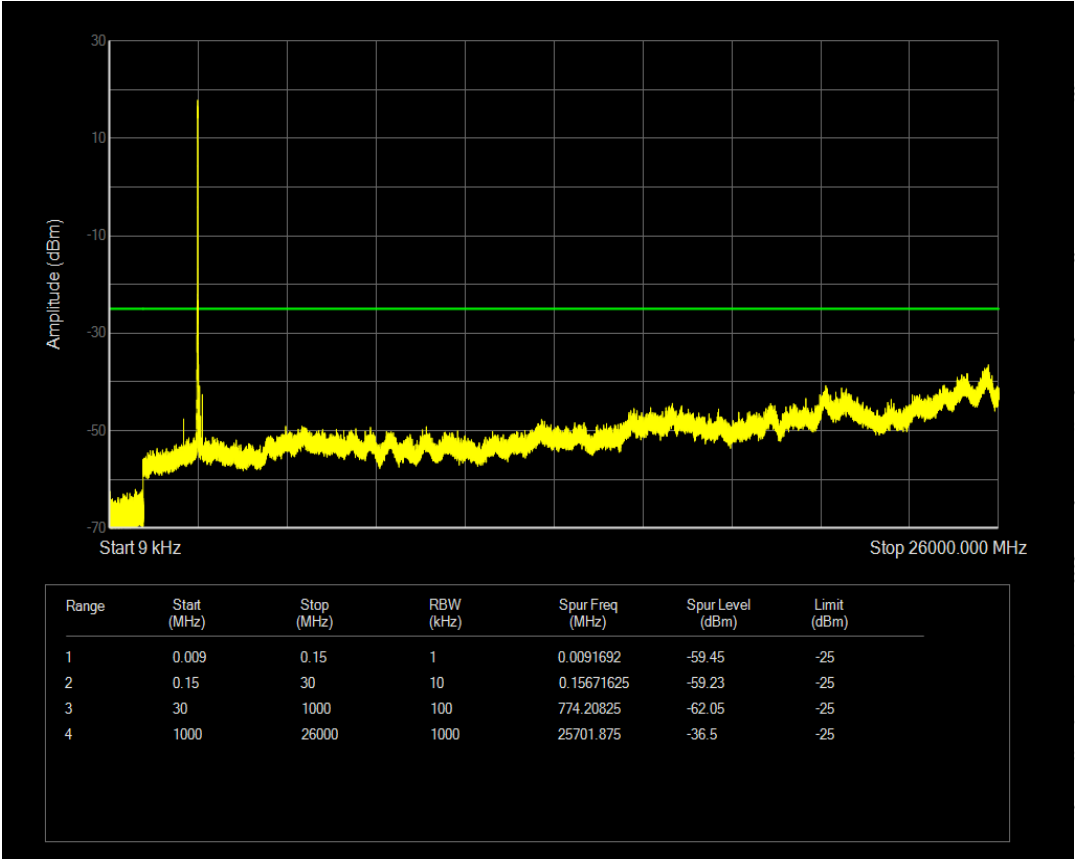
Band38 16QAM BW=10MHz Channel=37800 RB Size=50 Position=#0



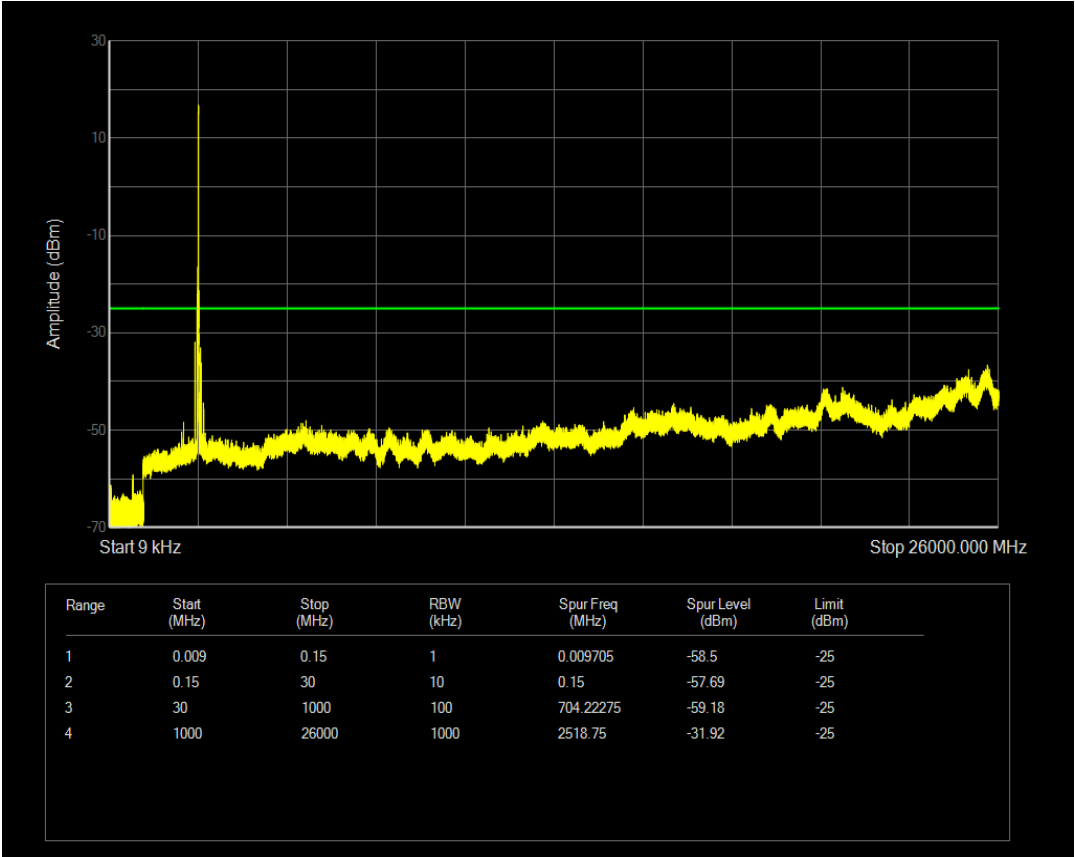
Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0



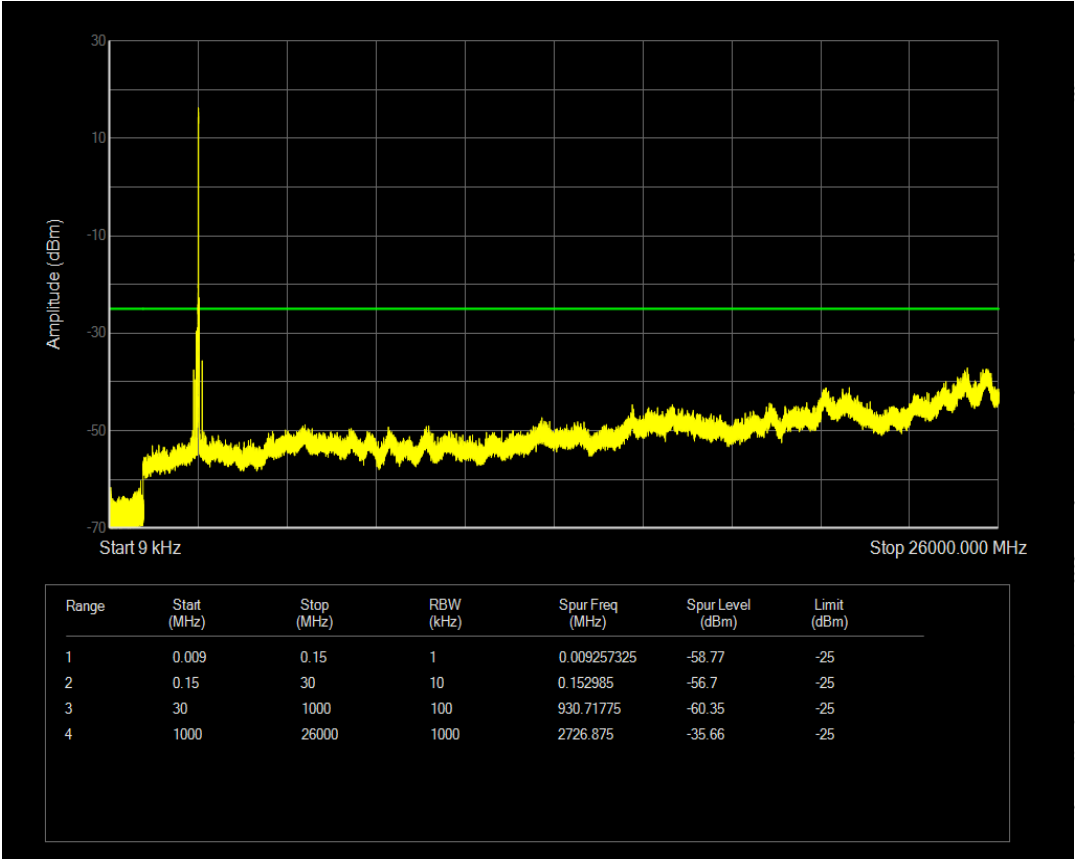
Band38 16QAM BW=10MHz Channel=38000 RB Size=50 Position=#0



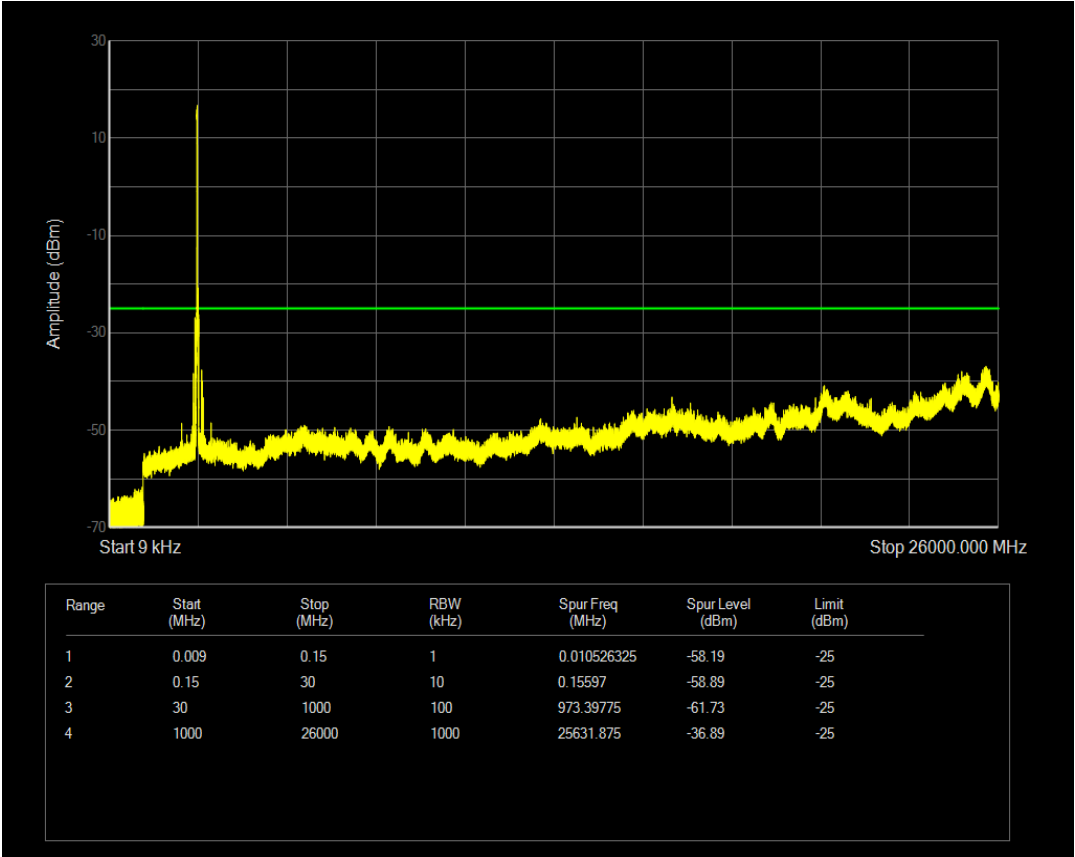
Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0



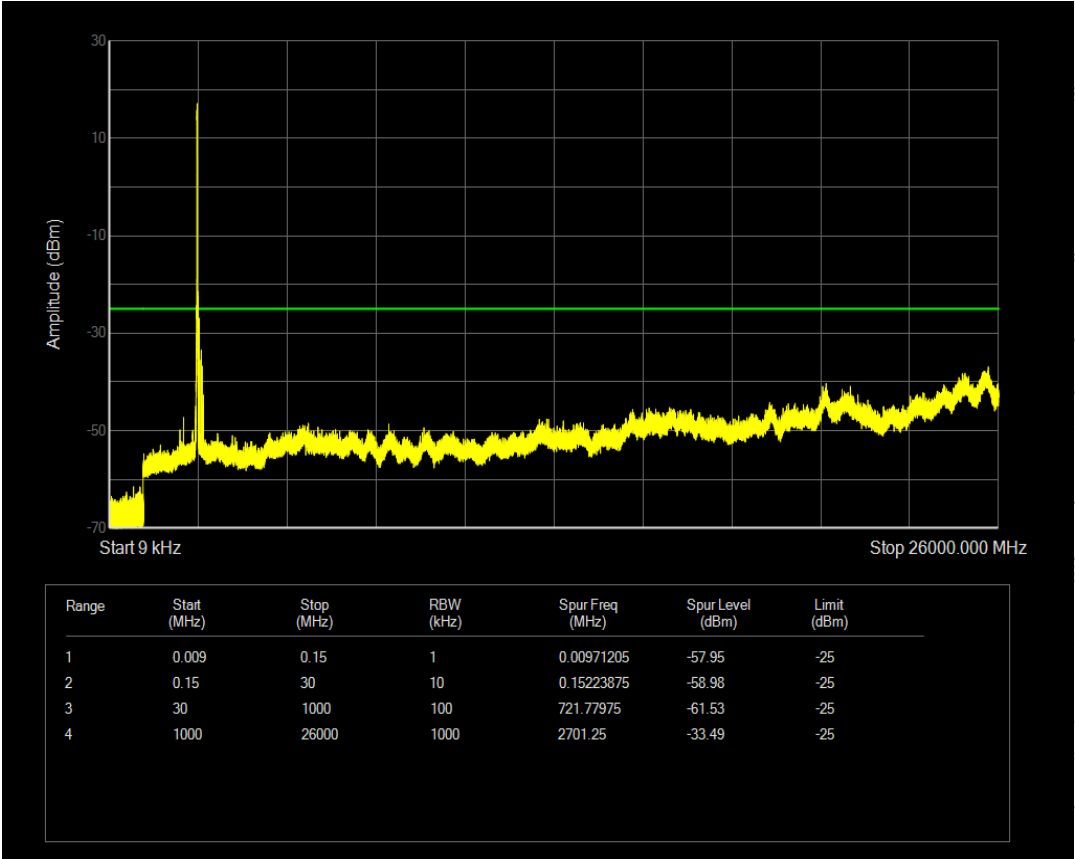
Band38 16QAM BW=10MHz Channel=38200 RB Size=50 Position=#0



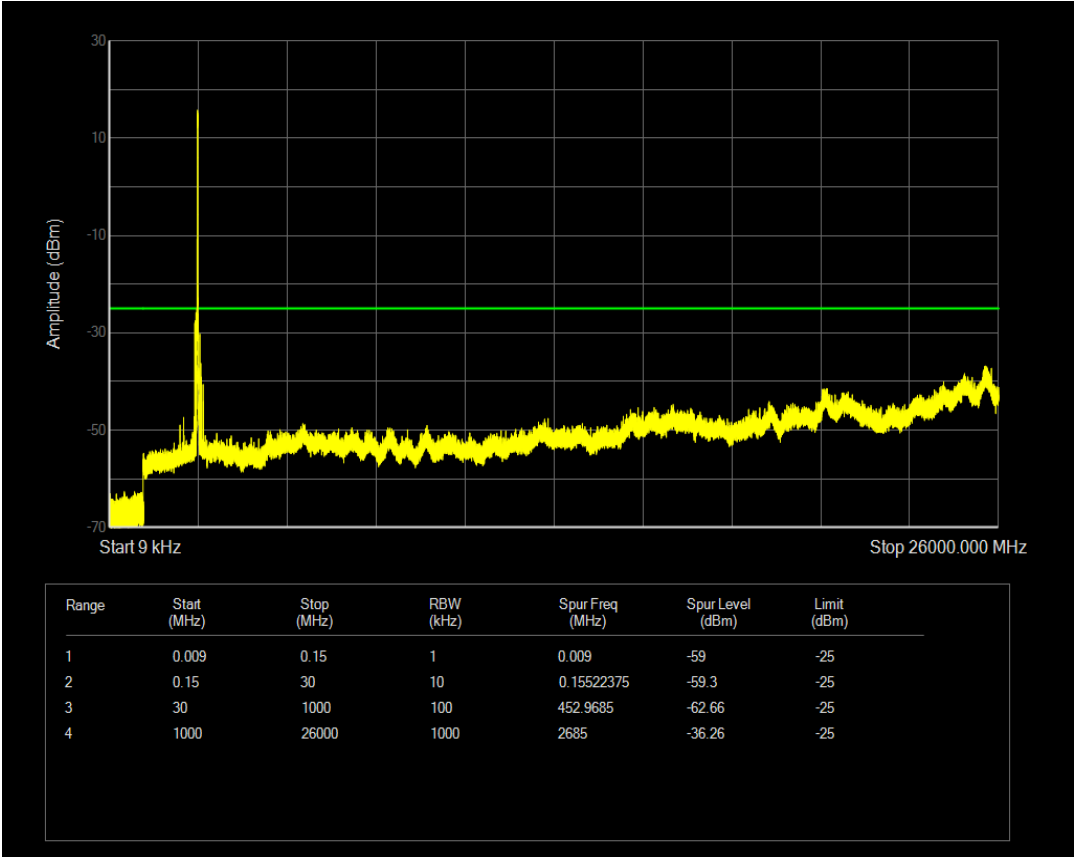
Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0



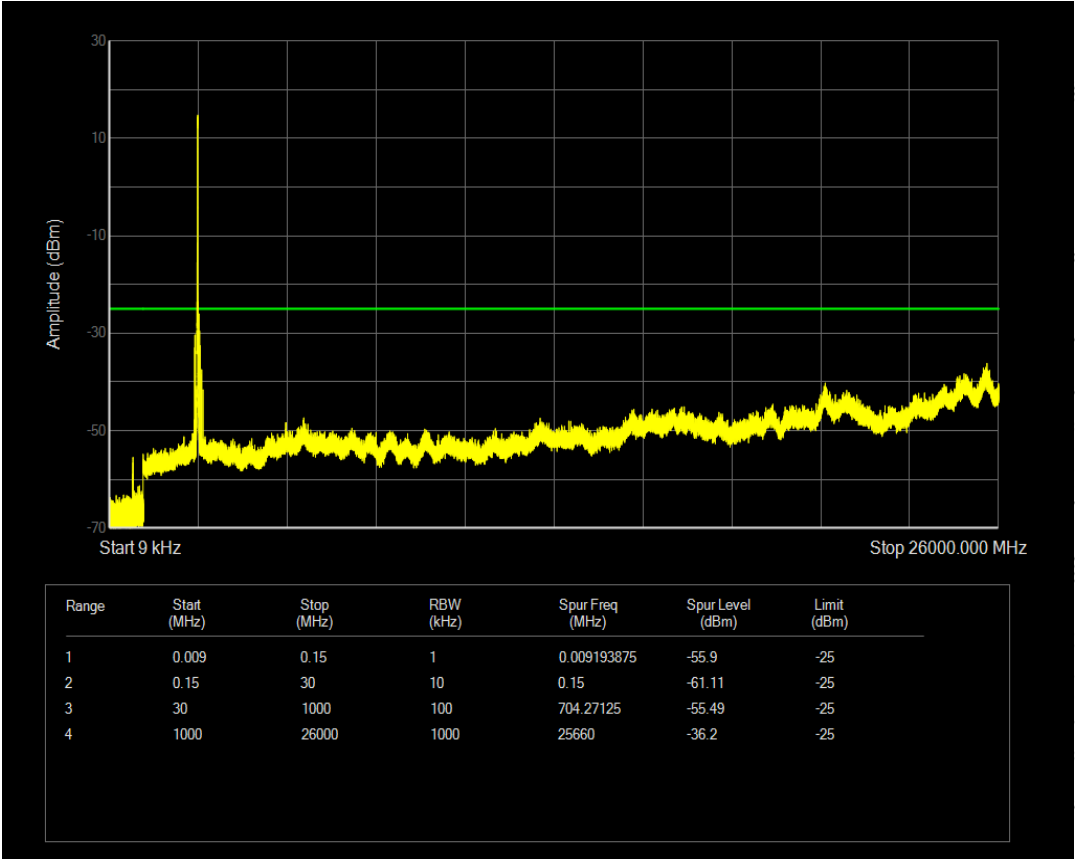
Band38 16QAM BW=15MHz Channel=37825 RB Size=75 Position=#0



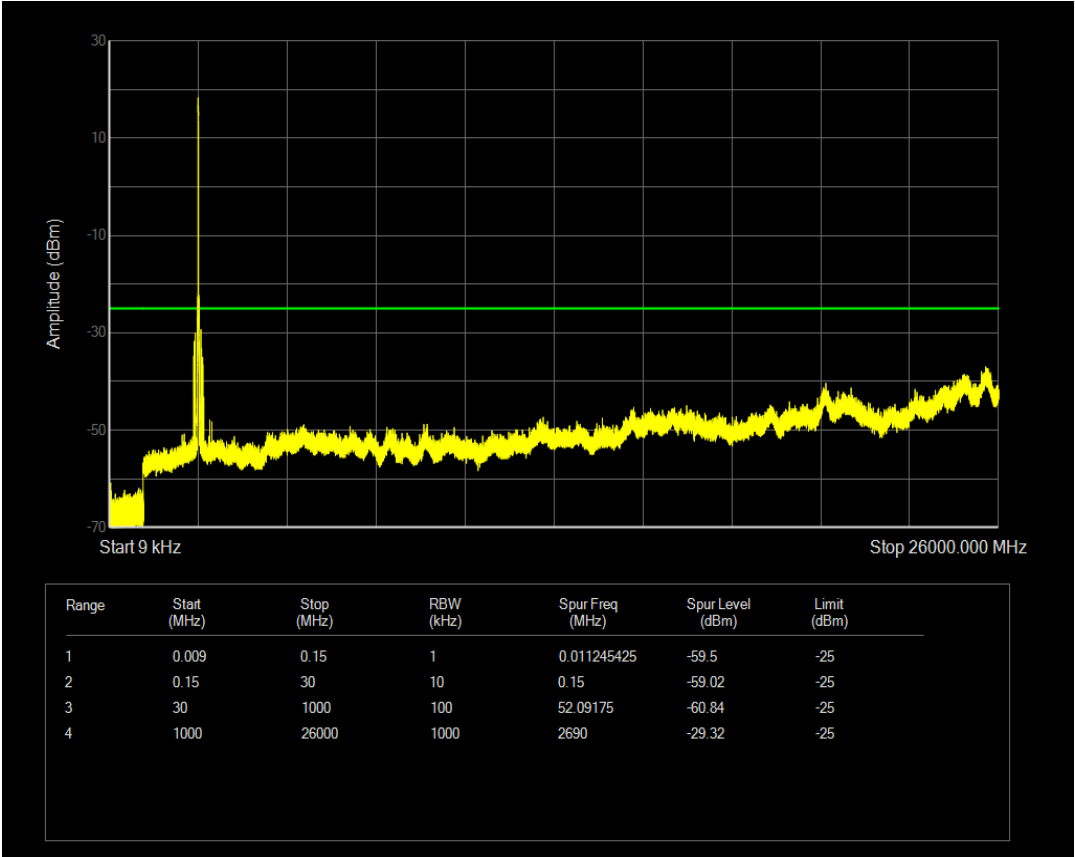
Band38 QPSK BW=15MHz Channel=38000 RB Size=75 Position=#0



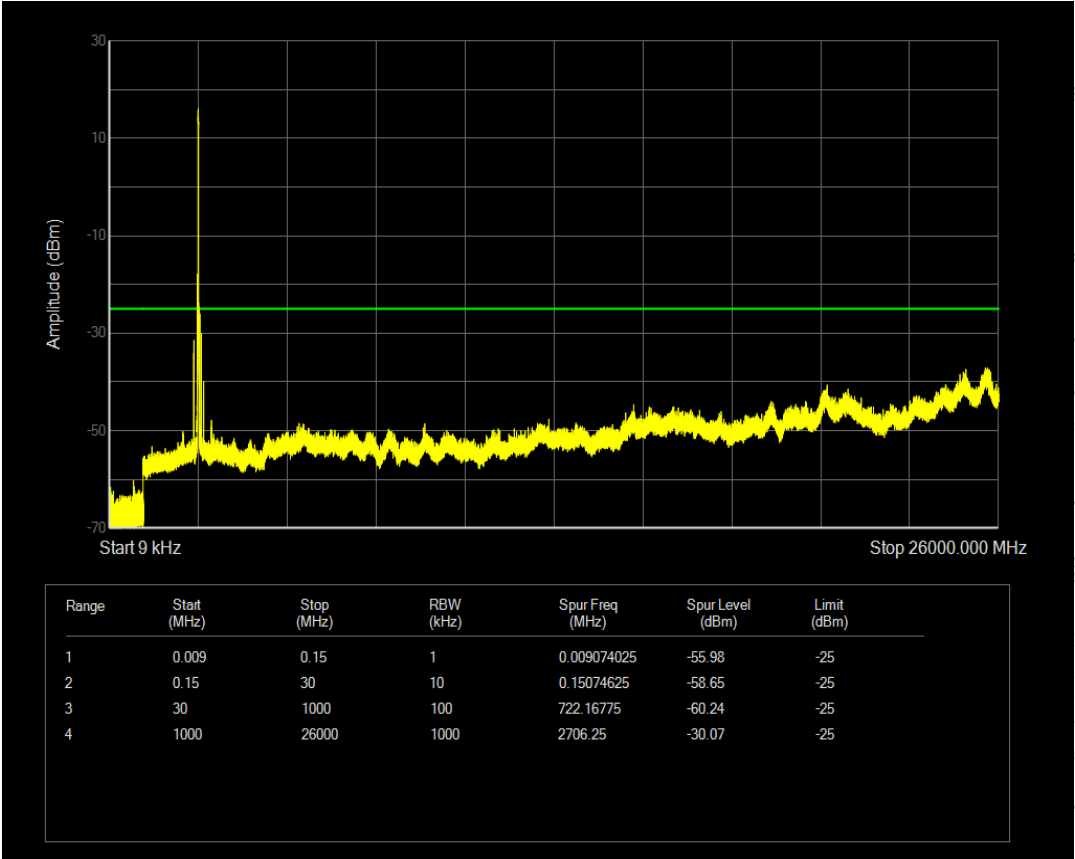
Band38 16QAM BW=15MHz Channel=38000 RB Size=75 Position=#0



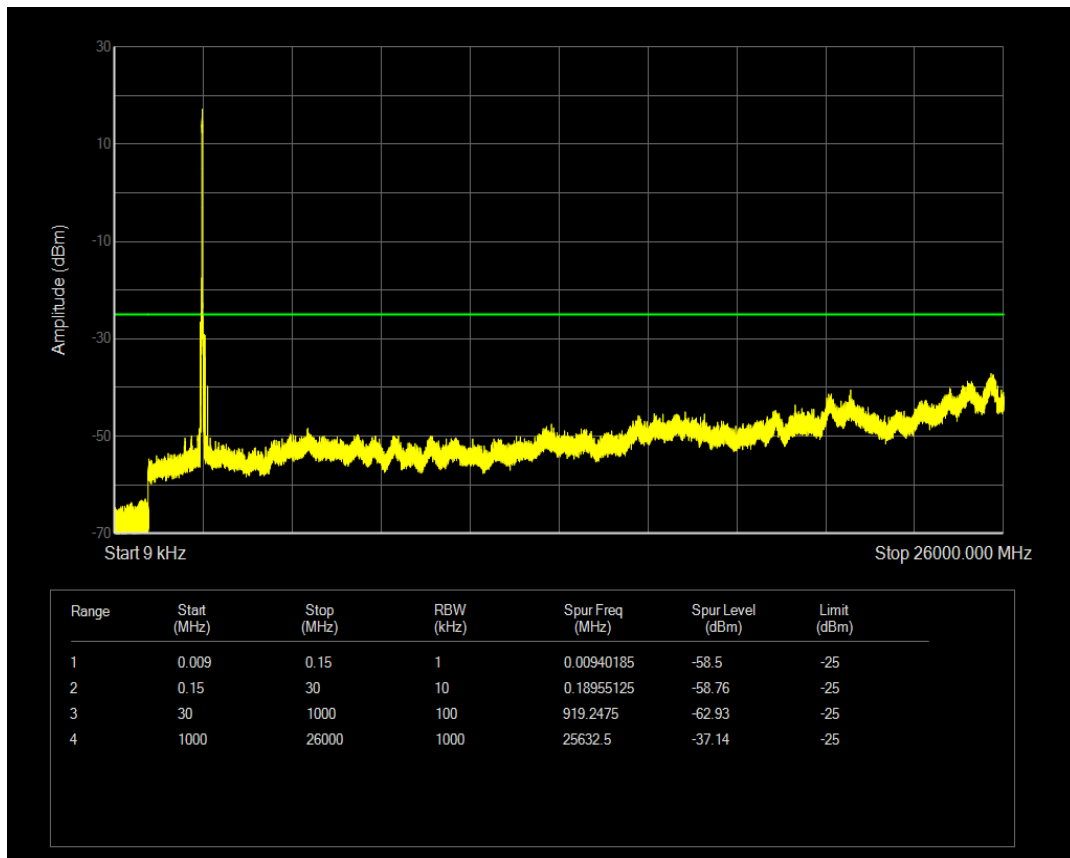
Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0



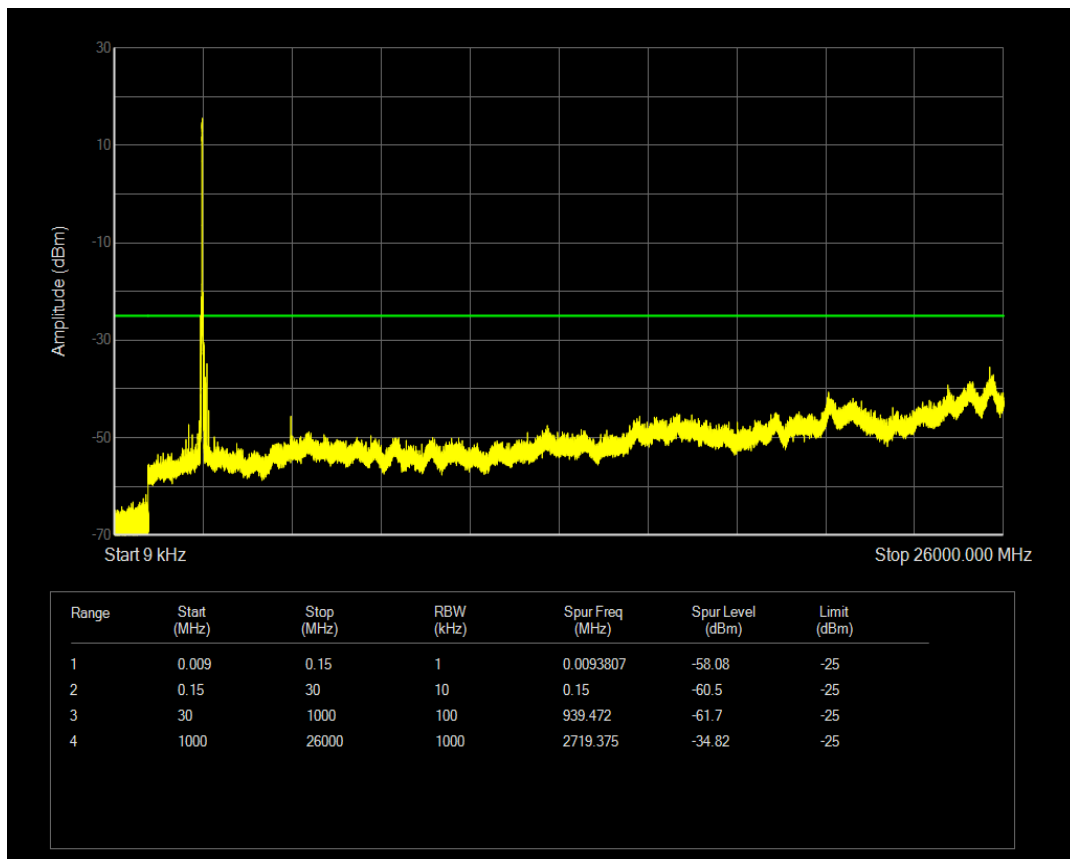
Band38 16QAM BW=15MHz Channel=38175 RB Size=75 Position=#0



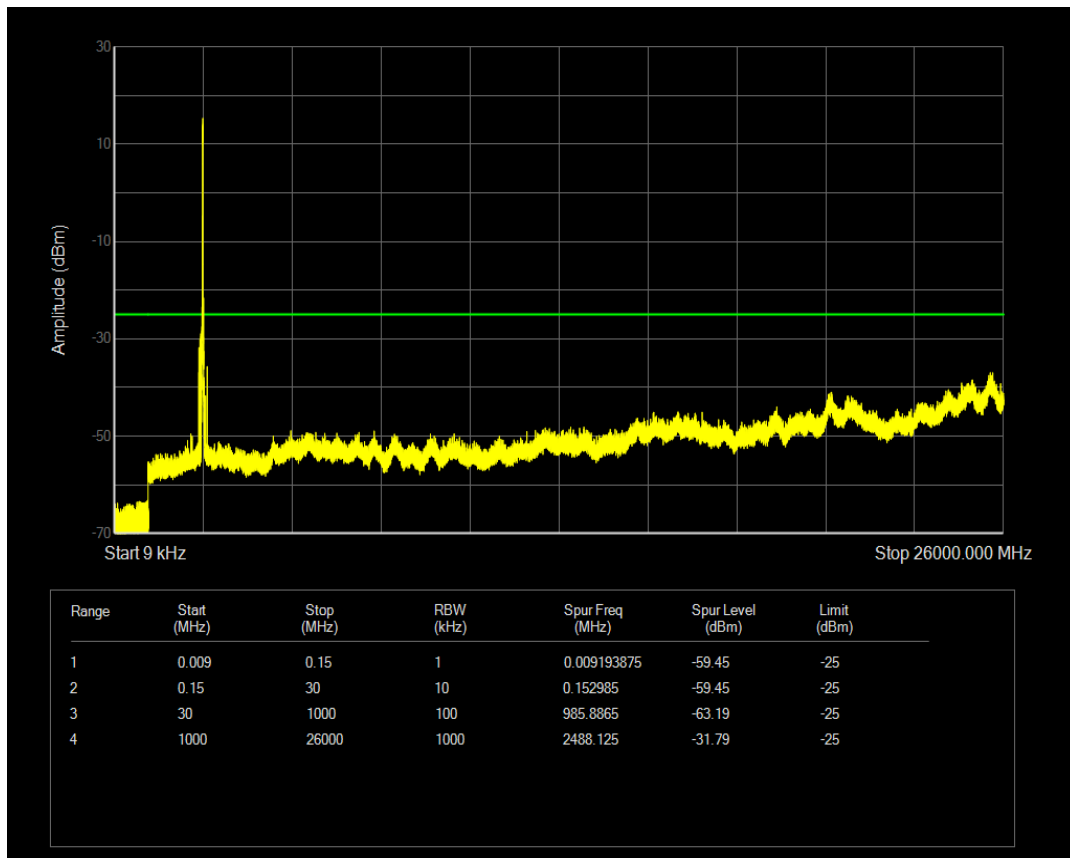
Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0



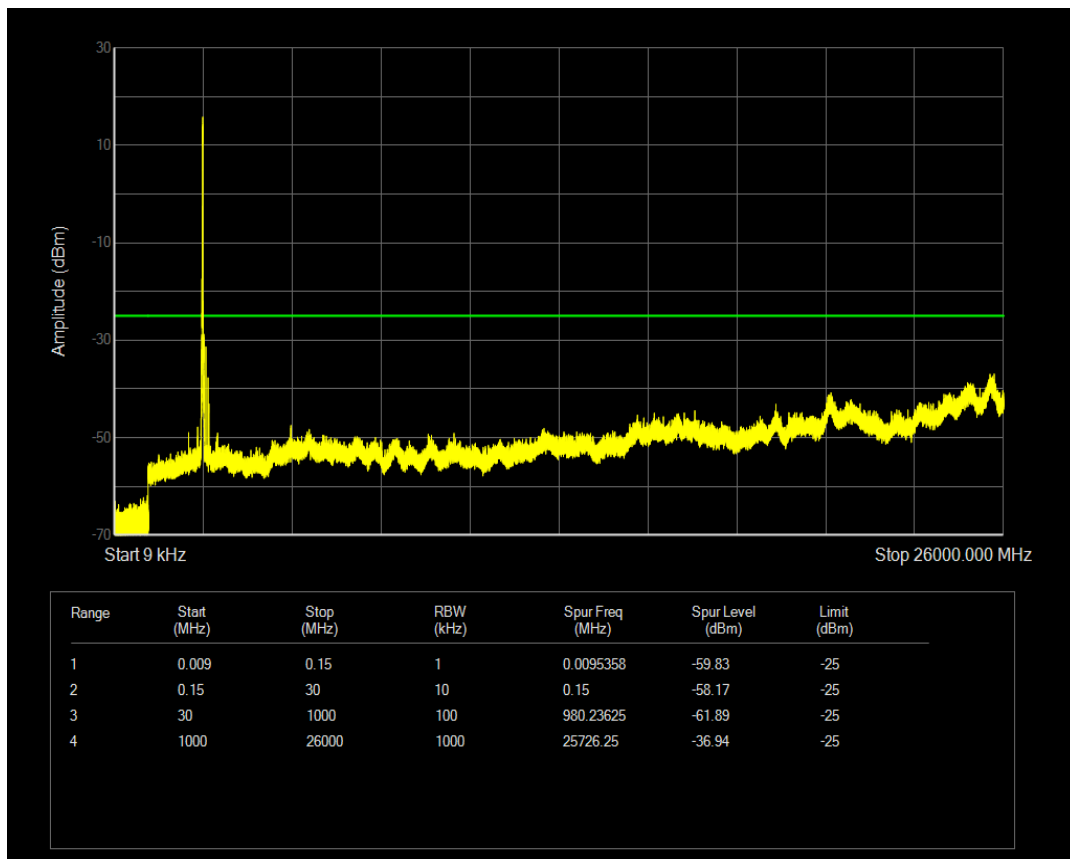
Band38 16QAM BW=20MHz Channel=37850 RB Size=100 Position=#0



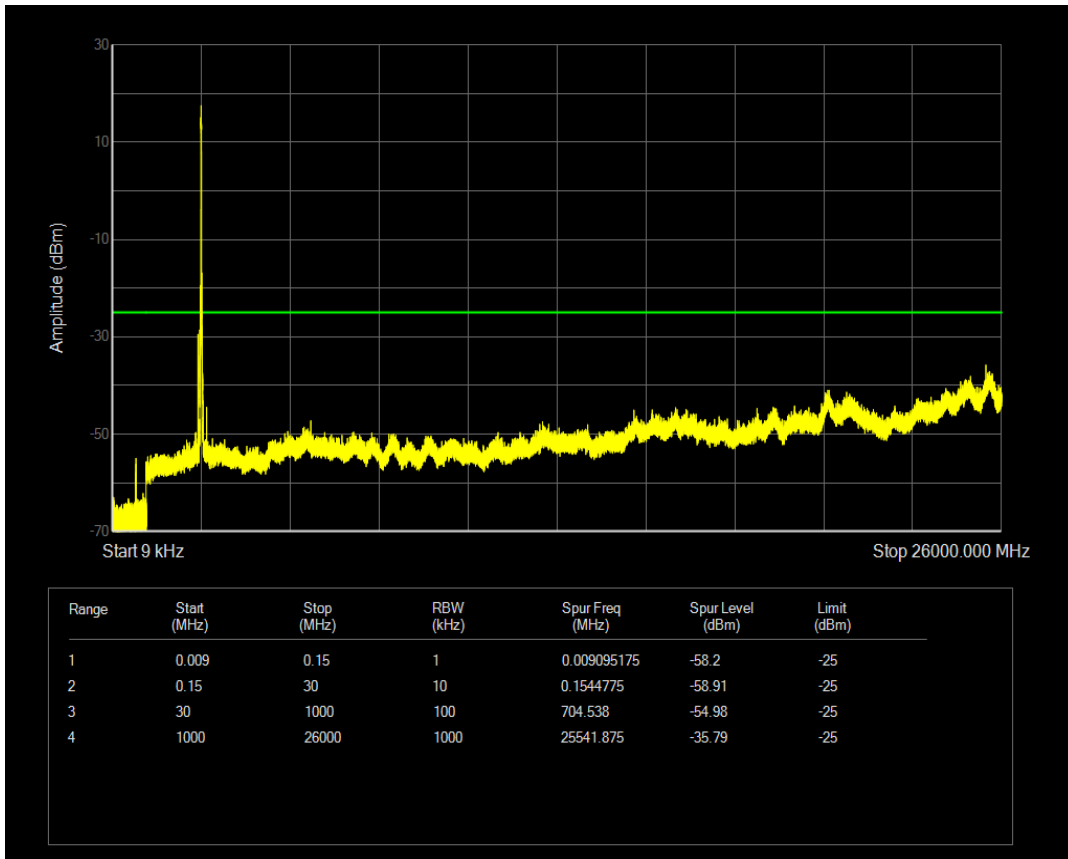
Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0



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

