1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	high Limit (dBm)	Verdict
Band38	5	37775	1	#0	QPSK	20.04	37	PASS
Band38	5	37775	1	#Mid	QPSK	19.92	37	PASS
Band38	5	37775	1	#Max	QPSK	19.95	37	PASS
Band38	5	37775	12	#0	QPSK	19.13	37	PASS
Band38	5	37775	12	#Max	QPSK	19.22	37	PASS
Band38	5	37775	25	#0	QPSK	19.16	37	PASS
Band38	5	37775	1	#0	QAM16	19.83	37	PASS
Band38	5	37775	1	#Mid	QAM16	19.84	37	PASS
Band38	5	37775	1	#Max	QAM16	19.85	37	PASS
Band38	5	37775	12	#0	QAM16	18.14	37	PASS
Band38	5	37775	12	#Max	QAM16	18.22	37	PASS
Band38	5	37775	25	#0	QAM16	18.18	37	PASS
Band38	5	38000	1	#0	QPSK	20.03	37	PASS
Band38	5	38000	1	#Mid	QPSK	19.98	37	PASS
Band38	5	38000	1	#Max	QPSK	19.93	37	PASS
Band38	5	38000	12	#0	QPSK	19.19	37	PASS
Band38	5	38000	12	#Max	QPSK	19.17	37	PASS
Band38	5	38000	25	#0	QPSK	19.17	37	PASS
Band38	5	38000	1	#0	QAM16	19.13	37	PASS
Band38	5	38000	1	#Mid	QAM16	19.07	37	PASS
Band38	5	38000	1	#Max	QAM16	19.08	37	PASS
Band38	5	38000	12	#0	QAM16	18.30	37	PASS
Band38	5	38000	12	#Max	QAM16	18.29	37	PASS
Band38	5	38000	25	#0	QAM16	18.11	37	PASS
Band38	5	38225	1	#0	QPSK	19.90	37	PASS
Band38	5	38225	1	#Mid	QPSK	19.89	37	PASS
Band38	5	38225	1	#Max	QPSK	19.97	37	PASS
Band38	5	38225	12	#0	QPSK	19.03	37	PASS
Band38	5	38225	12	#Max	QPSK	18.93	37	PASS
Band38	5	38225	25	#0	QPSK	18.82	37	PASS
Band38	5	38225	1	#0	QAM16	19.56	37	PASS
Band38	5	38225	1	#Mid	QAM16	19.55	37	PASS
Band38	5	38225	1	#Max	QAM16	19.18	37	PASS
Band38	5	38225	12	#0	QAM16	18.00	37	PASS
Band38	5	38225	12	#Max	QAM16	17.91	37	PASS
Band38	5	38225	25	#0	QAM16	18.01	37	PASS
Band38	10	37800	1	#0	QPSK	20.25	37	PASS
Band38	10	37800	1	#Mid	QPSK	20.34	37	PASS
Band38	10	37800	1	#Max	QPSK	20.35	37	PASS
Band38	10	37800	25	#0	QPSK	19.19	37	PASS

Band38	10	37800	25	#Max	QPSK	19.27	37	PASS
Band38	10	37800	50	#0	QPSK	18.79	37	PASS
Band38	10	37800	1	#0	QAM16	19.54	37	PASS
Band38	10	37800	1	#Mid	QAM16	19.45	37	PASS
Band38	10	37800	1	#Max	QAM16	19.45	37	PASS
Band38	10	37800	25	#0	QAM16	18.26	37	PASS
Band38	10	37800	25	#Max	QAM16	18.26	37	PASS
Band38	10	37800	50	#0	QAM16	17.85	37	PASS
Band38	10	38000	1	#0	QPSK	20.24	37	PASS
Band38	10	38000	1	#Mid	QPSK	20.22	37	PASS
Band38	10	38000	1	#Max	QPSK	20.29	37	PASS
Band38	10	38000	25	#0	QPSK	19.20	37	PASS
Band38	10	38000	25	#Max	QPSK	19.06	37	PASS
Band38	10	38000	50	#0	QPSK	18.86	37	PASS
Band38	10	38000	1	#0	QAM16	19.50	37	PASS
Band38	10	38000	1	#Mid	QAM16	19.44	37	PASS
Band38	10	38000	1	#Max	QAM16	19.60	37	PASS
Band38	10	38000	25	#0	QAM16	18.45	37	PASS
Band38	10	38000	25	#Max	QAM16	18.38	37	PASS
Band38	10	38000	50	#0	QAM16	18.00	37	PASS
Band38	10	38200	1	#0	QPSK	19.99	37	PASS
Band38	10	38200	1	#Mid	QPSK	19.87	37	PASS
Band38	10	38200	1	#Max	QPSK	19.87	37	PASS
Band38	10	38200	25	#0	QPSK	18.93	37	PASS
Band38	10	38200	25	#Max	QPSK	18.96	37	PASS
Band38	10	38200	50	#0	QPSK	18.56	37	PASS
Band38	10	38200	1	#0	QAM16	19.19	37	PASS
Band38	10	38200	1	#Mid	QAM16	19.26	37	PASS
Band38	10	38200	1	#Max	QAM16	19.29	37	PASS
Band38	10	38200	25	#0	QAM16	18.10	37	PASS
Band38	10	38200	25	#Max	QAM16	18.13	37	PASS
Band38	10	38200	50	#0	QAM16	17.62	37	PASS
Band38	15	37825	1	#0	QPSK	20.36	37	PASS
Band38	15	37825	1	#Mid	QPSK	20.35	37	PASS
Band38	15	37825	1	#Max	QPSK	20.32	37	PASS
Band38	15	37825	36	#0	QPSK	19.20	37	PASS
Band38	15	37825	36	#Max	QPSK	19.30	37	PASS
Band38	15	37825	75	#0	QPSK	18.78	37	PASS
Band38	15	37825	1	#0	QAM16	19.63	37	PASS
Band38	15	37825	1	#Mid	QAM16	19.59	37	PASS
Band38	15	37825	1	#Max	QAM16	19.61	37	PASS
Band38	15	37825	36	#0	QAM16	18.24	37	PASS
Band38	15	37825	36	#Max	QAM16	18.35	37	PASS
Band38	15	37825	75	#0	QAM16	17.98	37	PASS

Band38	15	38000	1	#0	QPSK	20.32	37	PASS
Band38	15	38000	1	#Mid	QPSK	20.24	37	PASS
Band38	15	38000	1	#Max	QPSK	20.12	37	PASS
Band38	15	38000	36	#0	QPSK	19.11	37	PASS
Band38	15	38000	36	#Max	QPSK	19.06	37	PASS
Band38	15	38000	75	#0	QPSK	18.71	37	PASS
Band38	15	38000	1	#0	QAM16	19.45	37	PASS
Band38	15	38000	1	#Mid	QAM16	19.46	37	PASS
Band38	15	38000	1	#Max	QAM16	19.36	37	PASS
Band38	15	38000	36	#0	QAM16	18.29	37	PASS
Band38	15	38000	36	#Max	QAM16	18.14	37	PASS
Band38	15	38000	75	#0	QAM16	18.00	37	PASS
Band38	15	38175	1	#0	QPSK	20.00	37	PASS
Band38	15	38175	1	#Mid	QPSK	19.95	37	PASS
Band38	15	38175	1	#Max	QPSK	19.91	37	PASS
Band38	15	38175	36	#0	QPSK	19.05	37	PASS
Band38	15	38175	36	#Max	QPSK	18.91	37	PASS
Band38	15	38175	75	#0	QPSK	18.46	37	PASS
Band38	15	38175	1	#0	QAM16	18.32	37	PASS
Band38	15	38175	1	#Mid	QAM16	18.11	37	PASS
Band38	15	38175	1	#Max	QAM16	17.94	37	PASS
Band38	15	38175	36	#0	QAM16	18.25	37	PASS
Band38	15	38175	36	#Max	QAM16	18.17	37	PASS
Band38	15	38175	75	#0	QAM16	17.76	37	PASS
Band38	20	37850	1	#0	QPSK	20.08	37	PASS
Band38	20	37850	1	#Mid	QPSK	20.14	37	PASS
Band38	20	37850	1	#Max	QPSK	20.21	37	PASS
Band38	20	37850	50	#0	QPSK	19.03	37	PASS
Band38	20	37850	50	#Max	QPSK	19.27	37	PASS
Band38	20	37850	100	#0	QPSK	18.79	37	PASS
Band38	20	37850	1	#0	QAM16	19.57	37	PASS
Band38	20	37850	1	#Mid	QAM16	19.82	37	PASS
Band38	20	37850	1	#Max	QAM16	19.62	37	PASS
Band38	20	37850	50	#0	QAM16	18.37	37	PASS
Band38	20	37850	50	#Max	QAM16	18.46	37	PASS
Band38	20	37850	100	#0	QAM16	17.93	37	PASS
Band38	20	38000	1	#0	QPSK	20.29	37	PASS
Band38	20	38000	1	#Mid	QPSK	20.22	37	PASS
Band38	20	38000	1	#Max	QPSK	20.27	37	PASS
Band38	20	38000	50	#0	QPSK	19.32	37	PASS
Band38	20	38000	50	#Max	QPSK	19.22	37	PASS
Band38	20	38000	100	#0	QPSK	18.85	37	PASS
Band38	20	38000	1	#0	QAM16	18.96	37	PASS
Band38	20	38000	1	#Mid	QAM16	19.04	37	PASS

Band38	20	38000	1	#Max	QAM16	18.98	37	PASS
Band38	20	38000	50	#0	QAM16	18.37	37	PASS
Band38	20	38000	50	#Max	QAM16	18.33	37	PASS
Band38	20	38000	100	#0	QAM16	17.84	37	PASS
Band38	20	38150	1	#0	QPSK	20.16	37	PASS
Band38	20	38150	1	#Mid	QPSK	20.12	37	PASS
Band38	20	38150	1	#Max	QPSK	20.03	37	PASS
Band38	20	38150	50	#0	QPSK	19.01	37	PASS
Band38	20	38150	50	#Max	QPSK	18.94	37	PASS
Band38	20	38150	100	#0	QPSK	18.57	37	PASS
Band38	20	38150	1	#0	QAM16	19.18	37	PASS
Band38	20	38150	1	#Mid	QAM16	19.10	37	PASS
Band38	20	38150	1	#Max	QAM16	19.01	37	PASS
Band38	20	38150	50	#0	QAM16	18.18	37	PASS
Band38	20	38150	50	#Max	QAM16	18.06	37	PASS
Band38	20	38150	100	#0	QAM16	17.72	37	PASS
Band41a	5	40265	1	#0	QPSK	20.11	37	PASS
Band41a	5	40265	1	#Mid	QPSK	20.12	37	PASS
Band41a	5	40265	1	#Max	QPSK	20.07	37	PASS
Band41a	5	40265	12	#0	QPSK	19.34	37	PASS
Band41a	5	40265	12	#Max	QPSK	19.21	37	PASS
Band41a	5	40265	25	#0	QPSK	19.18	37	PASS
Band41a	5	40265	1	#0	QAM16	19.58	37	PASS
Band41a	5	40265	1	#Mid	QAM16	19.58	37	PASS
Band41a	5	40265	1	#Max	QAM16	19.54	37	PASS
Band41a	5	40265	12	#0	QAM16	18.26	37	PASS
Band41a	5	40265	12	#Max	QAM16	18.29	37	PASS
Band41a	5	40265	25	#0	QAM16	18.50	37	PASS
Band41a	5	40740	1	#0	QPSK	19.83	37	PASS
Band41a	5	40740	1	#Mid	QPSK	19.95	37	PASS
Band41a	5	40740	1	#Max	QPSK	19.91	37	PASS
Band41a	5	40740	12	#0	QPSK	19.07	37	PASS
Band41a	5	40740	12	#Max	QPSK	18.96	37	PASS
Band41a	5	40740	25	#0	QPSK	18.99	37	PASS
Band41a	5	40740	1	#0	QAM16	19.02	37	PASS
Band41a	5	40740	1	#Mid	QAM16	19.00	37	PASS
Band41a	5	40740	1	#Max	QAM16	18.95	37	PASS
Band41a	5	40740	12	#0	QAM16	18.18	37	PASS
Band41a	5	40740	12	#Max	QAM16	18.17	37	PASS
Band41a	5	40740	25	#0	QAM16	17.94	37	PASS
Band41a	5	41215	1	#0	QPSK	19.85	37	PASS
Band41a	5	41215	1	#Mid	QPSK	19.73	37	PASS
Band41a	5	41215	1	#Max	QPSK	19.78	37	PASS
Band41a	5	41215	12	#0	QPSK	18.83	37	PASS

Band41a	5	41215	12	#Max	QPSK	18.83	37	PASS
Band41a	5	41215	25	#0	QPSK	18.75	37	PASS
Band41a	5	41215	1	#0	QAM16	19.27	37	PASS
Band41a	5	41215	1	#Mid	QAM16	18.98	37	PASS
Band41a	5	41215	1	#Max	QAM16	18.82	37	PASS
Band41a	5	41215	12	#0	QAM16	17.90	37	PASS
Band41a	5	41215	12	#Max	QAM16	17.89	37	PASS
Band41a	5	41215	25	#0	QAM16	18.03	37	PASS
Band41a	10	40290	1	#0	QPSK	20.32	37	PASS
Band41a	10	40290	1	#Mid	QPSK	20.25	37	PASS
Band41a	10	40290	1	#Max	QPSK	20.23	37	PASS
Band41a	10	40290	25	#0	QPSK	19.15	37	PASS
Band41a	10	40290	25	#Max	QPSK	19.12	37	PASS
Band41a	10	40290	50	#0	QPSK	18.94	37	PASS
Band41a	10	40290	1	#0	QAM16	19.57	37	PASS
Band41a	10	40290	1	#Mid	QAM16	19.50	37	PASS
Band41a	10	40290	1	#Max	QAM16	19.47	37	PASS
Band41a	10	40290	25	#0	QAM16	18.34	37	PASS
Band41a	10	40290	25	#Max	QAM16	18.33	37	PASS
Band41a	10	40290	50	#0	QAM16	17.98	37	PASS
Band41a	10	40740	1	#0	QPSK	20.14	37	PASS
Band41a	10	40740	1	#Mid	QPSK	19.97	37	PASS
Band41a	10	40740	1	#Max	QPSK	20.12	37	PASS
Band41a	10	40740	25	#0	QPSK	19.05	37	PASS
Band41a	10	40740	25	#Max	QPSK	19.05	37	PASS
Band41a	10	40740	50	#0	QPSK	18.64	37	PASS
Band41a	10	40740	1	#0	QAM16	19.44	37	PASS
Band41a	10	40740	1	#Mid	QAM16	19.72	37	PASS
Band41a	10	40740	1	#Max	QAM16	19.33	37	PASS
Band41a	10	40740	25	#0	QAM16	18.16	37	PASS
Band41a	10	40740	25	#Max	QAM16	18.12	37	PASS
Band41a	10	40740	50	#0	QAM16	17.77	37	PASS
Band41a	10	41190	1	#0	QPSK	19.86	37	PASS
Band41a	10	41190	1	#Mid	QPSK	19.72	37	PASS
Band41a	10	41190	1	#Max	QPSK	19.70	37	PASS
Band41a	10	41190	25	#0	QPSK	18.93	37	PASS
Band41a	10	41190	25	#Max	QPSK	18.84	37	PASS
Band41a	10	41190	50	#0	QPSK	18.53	37	PASS
Band41a	10	41190	1	#0	QAM16	19.18	37	PASS
Band41a	10	41190	1	#Mid	QAM16	19.31	37	PASS
Band41a	10	41190	1	#Max	QAM16	19.11	37	PASS
Band41a	10	41190	25	#0	QAM16	18.06	37	PASS
Band41a	10	41190	25	#Max	QAM16	18.04	37	PASS
Band41a	10	41190	50	#0	QAM16	17.53	37	PASS

Band41a	15	40315	1	#0	QPSK	20.34	37	PASS
Band41a	15	40315	1	#Mid	QPSK	20.26	37	PASS
Band41a	15	40315	1	#Max	QPSK	20.31	37	PASS
Band41a	15	40315	36	#0	QPSK	19.26	37	PASS
Band41a	15	40315	36	#Max	QPSK	19.28	37	PASS
Band41a	15	40315	75	#0	QPSK	18.82	37	PASS
Band41a	15	40315	1	#0	QAM16	19.49	37	PASS
Band41a	15	40315	1	#Mid	QAM16	19.44	37	PASS
Band41a	15	40315	1	#Max	QAM16	19.44	37	PASS
Band41a	15	40315	36	#0	QAM16	18.33	37	PASS
Band41a	15	40315	36	#Max	QAM16	18.31	37	PASS
Band41a	15	40315	75	#0	QAM16	18.03	37	PASS
Band41a	15	40740	1	#0	QPSK	20.18	37	PASS
Band41a	15	40740	1	#Mid	QPSK	20.14	37	PASS
Band41a	15	40740	1	#Max	QPSK	19.98	37	PASS
Band41a	15	40740	36	#0	QPSK	19.14	37	PASS
Band41a	15	40740	36	#Max	QPSK	19.13	37	PASS
Band41a	15	40740	75	#0	QPSK	18.63	37	PASS
Band41a	15	40740	1	#0	QAM16	19.55	37	PASS
Band41a	15	40740	1	#Mid	QAM16	19.57	37	PASS
Band41a	15	40740	1	#Max	QAM16	19.49	37	PASS
Band41a	15	40740	36	#0	QAM16	18.31	37	PASS
Band41a	15	40740	36	#Max	QAM16	18.18	37	PASS
Band41a	15	40740	75	#0	QAM16	17.78	37	PASS
Band41a	15	41165	1	#0	QPSK	19.85	37	PASS
Band41a	15	41165	1	#Mid	QPSK	19.75	37	PASS
Band41a	15	41165	1	#Max	QPSK	19.66	37	PASS
Band41a	15	41165	36	#0	QPSK	18.94	37	PASS
Band41a	15	41165	36	#Max	QPSK	18.80	37	PASS
Band41a	15	41165	75	#0	QPSK	18.53	37	PASS
Band41a	15	41165	1	#0	QAM16	18.52	37	PASS
Band41a	15	41165	1	#Mid	QAM16	18.13	37	PASS
Band41a	15	41165	1	#Max	QAM16	17.84	37	PASS
Band41a	15	41165	36	#0	QAM16	18.19	37	PASS
Band41a	15	41165	36	#Max	QAM16	18.07	37	PASS
Band41a	15	41165	75	#0	QAM16	17.67	37	PASS
Band41a	20	40340	1	#0	QPSK	20.31	37	PASS
Band41a	20	40340	1	#Mid	QPSK	20.25	37	PASS
Band41a	20	40340	1	#Max	QPSK	20.20	37	PASS
Band41a	20	40340	50	#0	QPSK	19.19	37	PASS
Band41a	20	40340	50	#Max	QPSK	19.26	37	PASS
Band41a	20	40340	100	#0	QPSK	18.75	37	PASS
Band41a	20	40340	1	#0	QAM16	19.28	37	PASS
Band41a	20	40340	1	#Mid	QAM16	19.25	37	PASS

Band41a	20	40340	1	#Max	QAM16	19.20	37	PASS
Band41a	20	40340	50	#0	QAM16	18.41	37	PASS
Band41a	20	40340	50	#Max	QAM16	18.45	37	PASS
Band41a	20	40340	100	#0	QAM16	18.01	37	PASS
Band41a	20	40740	1	#0	QPSK	20.09	37	PASS
Band41a	20	40740	1	#Mid	QPSK	19.81	37	PASS
Band41a	20	40740	1	#Max	QPSK	19.77	37	PASS
Band41a	20	40740	50	#0	QPSK	19.25	37	PASS
Band41a	20	40740	50	#Max	QPSK	19.02	37	PASS
Band41a	20	40740	100	#0	QPSK	18.63	37	PASS
Band41a	20	40740	1	#0	QAM16	19.89	37	PASS
Band41a	20	40740	1	#Mid	QAM16	19.73	37	PASS
Band41a	20	40740	1	#Max	QAM16	19.64	37	PASS
Band41a	20	40740	50	#0	QAM16	18.34	37	PASS
Band41a	20	40740	50	#Max	QAM16	18.19	37	PASS
Band41a	20	40740	100	#0	QAM16	17.80	37	PASS
Band41a	20	41140	1	#0	QPSK	20.09	37	PASS
Band41a	20	41140	1	#Mid	QPSK	20.00	37	PASS
Band41a	20	41140	1	#Max	QPSK	19.90	37	PASS
Band41a	20	41140	50	#0	QPSK	18.99	37	PASS
Band41a	20	41140	50	#Max	QPSK	18.88	37	PASS
Band41a	20	41140	100	#0	QPSK	18.62	37	PASS
Band41a	20	41140	1	#0	QAM16	18.85	37	PASS
Band41a	20	41140	1	#Mid	QAM16	18.86	37	PASS
Band41a	20	41140	1	#Max	QAM16	18.68	37	PASS
Band41a	20	41140	50	#0	QAM16	18.10	37	PASS
Band41a	20	41140	50	#Max	QAM16	17.96	37	PASS
Band41a	20	41140	100	#0	QAM16	17.56	37	PASS
Band5	1.4	20407	1	#0	QPSK	22.19	37	PASS
Band5	1.4	20407	1	#Mid	QPSK	22.19	37	PASS
Band5	1.4	20407	1	#Max	QPSK	22.17	37	PASS
Band5	1.4	20407	3	#0	QPSK	22.16	37	PASS
Band5	1.4	20407	3	#Max	QPSK	22.14	37	PASS
Band5	1.4	20407	6	#0	QPSK	21.56	37	PASS
Band5	1.4	20407	1	#0	QAM16	22.08	37	PASS
Band5	1.4	20407	1	#Mid	QAM16	22.09	37	PASS
Band5	1.4	20407	1	#Max	QAM16	22.13	37	PASS
Band5	1.4	20407	3	#0	QAM16	21.59	37	PASS
Band5	1.4	20407	3	#Max	QAM16	21.62	37	PASS
Band5	1.4	20407	6	#0	QAM16	20.84	37	PASS
Band5	1.4	20525	1	#0	QPSK	21.95	37	PASS
Band5	1.4	20525	1	#Mid	QPSK	22.05	37	PASS
Band5	1.4	20525	1	#Max	QPSK	21.95	37	PASS
Band5	1.4	20525	3	#0	QPSK	22.07	37	PASS

Band5	1.4	20525	3	#Max	QPSK	21.94	37	PASS
Band5	1.4	20525	6	#0	QPSK	20.97	37	PASS
Band5	1.4	20525	1	#0	QAM16	21.58	37	PASS
Band5	1.4	20525	1	#Mid	QAM16	21.61	37	PASS
Band5	1.4	20525	1	#Max	QAM16	21.52	37	PASS
Band5	1.4	20525	3	#0	QAM16	20.86	37	PASS
Band5	1.4	20525	3	#Max	QAM16	20.91	37	PASS
Band5	1.4	20525	6	#0	QAM16	20.47	37	PASS
Band5	1.4	20643	1	#0	QPSK	21.98	37	PASS
Band5	1.4	20643	1	#Mid	QPSK	22.04	37	PASS
Band5	1.4	20643	1	#Max	QPSK	22.03	37	PASS
Band5	1.4	20643	3	#0	QPSK	22.00	37	PASS
Band5	1.4	20643	3	#Max	QPSK	22.14	37	PASS
Band5	1.4	20643	6	#0	QPSK	21.01	37	PASS
Band5	1.4	20643	1	#0	QAM16	21.55	37	PASS
Band5	1.4	20643	1	#Mid	QAM16	21.10	37	PASS
Band5	1.4	20643	1	#Max	QAM16	21.29	37	PASS
Band5	1.4	20643	3	#0	QAM16	21.63	37	PASS
Band5	1.4	20643	3	#Max	QAM16	21.16	37	PASS
Band5	1.4	20643	6	#0	QAM16	20.30	37	PASS
Band5	3	20415	1	#0	QPSK	22.02	37	PASS
Band5	3	20415	1	#Mid	QPSK	22.05	37	PASS
Band5	3	20415	1	#Max	QPSK	22.12	37	PASS
Band5	3	20415	8	#0	QPSK	21.60	37	PASS
Band5	3	20415	8	#Max	QPSK	21.21	37	PASS
Band5	3	20415	15	#0	QPSK	21.61	37	PASS
Band5	3	20415	1	#0	QAM16	21.38	37	PASS
Band5	3	20415	1	#Mid	QAM16	21.37	37	PASS
Band5	3	20415	1	#Max	QAM16	20.92	37	PASS
Band5	3	20415	8	#0	QAM16	20.61	37	PASS
Band5	3	20415	8	#Max	QAM16	20.16	37	PASS
Band5	3	20415	15	#0	QAM16	20.59	37	PASS
Band5	3	20525	1	#0	QPSK	21.94	37	PASS
Band5	3	20525	1	#Mid	QPSK	21.98	37	PASS
Band5	3	20525	1	#Max	QPSK	21.97	37	PASS
Band5	3	20525	8	#0	QPSK	20.94	37	PASS
Band5	3	20525	8	#Max	QPSK	21.00	37	PASS
Band5	3	20525	15	#0	QPSK	20.97	37	PASS
Band5	3	20525	1	#0	QAM16	21.57	37	PASS
Band5	3	20525	1	#Mid	QAM16	21.56	37	PASS
Band5	3	20525	1	#Max	QAM16	21.60	37	PASS
Band5	3	20525	8	#0	QAM16	19.95	37	PASS
Band5	3	20525	8	#Max	QAM16	20.65	37	PASS
Band5	3	20525	15	#0	QAM16	20.59	37	PASS

Band5	3	20635	1	#0	QPSK	22.02	37	PASS
Band5	3	20635	1	#Mid	QPSK	22.02	37	PASS
Band5	3	20635	1	#Max	QPSK	22.06	37	PASS
Band5	3	20635	8	#0	QPSK	21.54	37	PASS
Band5	3	20635	8	#Max	QPSK	21.12	37	PASS
Band5	3	20635	15	#0	QPSK	21.41	37	PASS
Band5	3	20635	1	#0	QAM16	21.06	37	PASS
Band5	3	20635	1	#Mid	QAM16	21.06	37	PASS
Band5	3	20635	1	#Max	QAM16	20.53	37	PASS
Band5	3	20635	8	#0	QAM16	20.55	37	PASS
Band5	3	20635	8	#Max	QAM16	20.11	37	PASS
Band5	3	20635	15	#0	QAM16	20.47	37	PASS
Band5	5	20425	1	#0	QPSK	21.97	37	PASS
Band5	5	20425	1	#Mid	QPSK	22.08	37	PASS
Band5	5	20425	1	#Max	QPSK	22.01	37	PASS
Band5	5	20425	12	#0	QPSK	21.60	37	PASS
Band5	5	20425	12	#Max	QPSK	21.13	37	PASS
Band5	5	20425	25	#0	QPSK	21.22	37	PASS
Band5	5	20425	1	#0	QAM16	21.21	37	PASS
Band5	5	20425	1	#Mid	QAM16	20.72	37	PASS
Band5	5	20425	1	#Max	QAM16	21.23	37	PASS
Band5	5	20425	12	#0	QAM16	20.59	37	PASS
Band5	5	20425	12	#Max	QAM16	20.02	37	PASS
Band5	5	20425	25	#0	QAM16	20.17	37	PASS
Band5	5	20525	1	#0	QPSK	22.02	37	PASS
Band5	5	20525	1	#Mid	QPSK	21.93	37	PASS
Band5	5	20525	1	#Max	QPSK	22.01	37	PASS
Band5	5	20525	12	#0	QPSK	20.87	37	PASS
Band5	5	20525	12	#Max	QPSK	20.89	37	PASS
Band5	5	20525	25	#0	QPSK	20.92	37	PASS
Band5	5	20525	1	#0	QAM16	21.04	37	PASS
Band5	5	20525	1	#Mid	QAM16	21.04	37	PASS
Band5	5	20525	1	#Max	QAM16	21.07	37	PASS
Band5	5	20525	12	#0	QAM16	19.93	37	PASS
Band5	5	20525	12	#Max	QAM16	20.40	37	PASS
Band5	5	20525	25	#0	QAM16	20.47	37	PASS
Band5	5	20625	1	#0	QPSK	21.83	37	PASS
Band5	5	20625	1	#Mid	QPSK	21.94	37	PASS
Band5	5	20625	1	#Max	QPSK	21.87	37	PASS
Band5	5	20625	12	#0	QPSK	20.99	37	PASS
Band5	5	20625	12	#Max	QPSK	21.45	37	PASS
Band5	5	20625	25	#0	QPSK	21.53	37	PASS
Band5	5	20625	1	#0	QAM16	20.81	37	PASS
Band5	5	20625	1	#Mid	QAM16	21.43	37	PASS

Band5	5	20625	1	#Max	QAM16	21.04	37	PASS
Band5	5	20625	12	#0	QAM16	19.87	37	PASS
Band5	5	20625	12	#Max	QAM16	20.51	37	PASS
Band5	5	20625	25	#0	QAM16	20.44	37	PASS
Band5	10	20450	1	#0	QPSK	22.05	37	PASS
Band5	10	20450	1	#Mid	QPSK	22.03	37	PASS
Band5	10	20450	1	#Max	QPSK	22.03	37	PASS
Band5	10	20450	25	#0	QPSK	21.10	37	PASS
Band5	10	20450	25	#Max	QPSK	20.86	37	PASS
Band5	10	20450	50	#0	QPSK	21.61	37	PASS
Band5	10	20450	1	#0	QAM16	21.54	37	PASS
Band5	10	20450	1	#Mid	QAM16	21.42	37	PASS
Band5	10	20450	1	#Max	QAM16	20.96	37	PASS
Band5	10	20450	25	#0	QAM16	20.16	37	PASS
Band5	10	20450	25	#Max	QAM16	19.89	37	PASS
Band5	10	20450	50	#0	QAM16	20.64	37	PASS
Band5	10	20525	1	#0	QPSK	22.03	37	PASS
Band5	10	20525	1	#Mid	QPSK	22.08	37	PASS
Band5	10	20525	1	#Max	QPSK	22.09	37	PASS
Band5	10	20525	25	#0	QPSK	20.94	37	PASS
Band5	10	20525	25	#Max	QPSK	21.07	37	PASS
Band5	10	20525	50	#0	QPSK	20.97	37	PASS
Band5	10	20525	1	#0	QAM16	21.01	37	PASS
Band5	10	20525	1	#Mid	QAM16	20.99	37	PASS
Band5	10	20525	1	#Max	QAM16	21.04	37	PASS
Band5	10	20525	25	#0	QAM16	20.02	37	PASS
Band5	10	20525	25	#Max	QAM16	20.06	37	PASS
Band5	10	20525	50	#0	QAM16	20.65	37	PASS
Band5	10	20600	1	#0	QPSK	22.03	37	PASS
Band5	10	20600	1	#Mid	QPSK	21.92	37	PASS
Band5	10	20600	1	#Max	QPSK	21.99	37	PASS
Band5	10	20600	25	#0	QPSK	21.02	37	PASS
Band5	10	20600	25	#Max	QPSK	21.54	37	PASS
Band5	10	20600	50	#0	QPSK	20.85	37	PASS
Band5	10	20600	1	#0	QAM16	20.41	37	PASS
Band5	10	20600	1	#Mid	QAM16	20.36	37	PASS
Band5	10	20600	1	#Max	QAM16	20.50	37	PASS
Band5	10	20600	25	#0	QAM16	20.60	37	PASS
Band5	10	20600	25	#Max	QAM16	20.60	37	PASS
Band5	10	20600	50	#0	QAM16	19.82	37	PASS

2 Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict

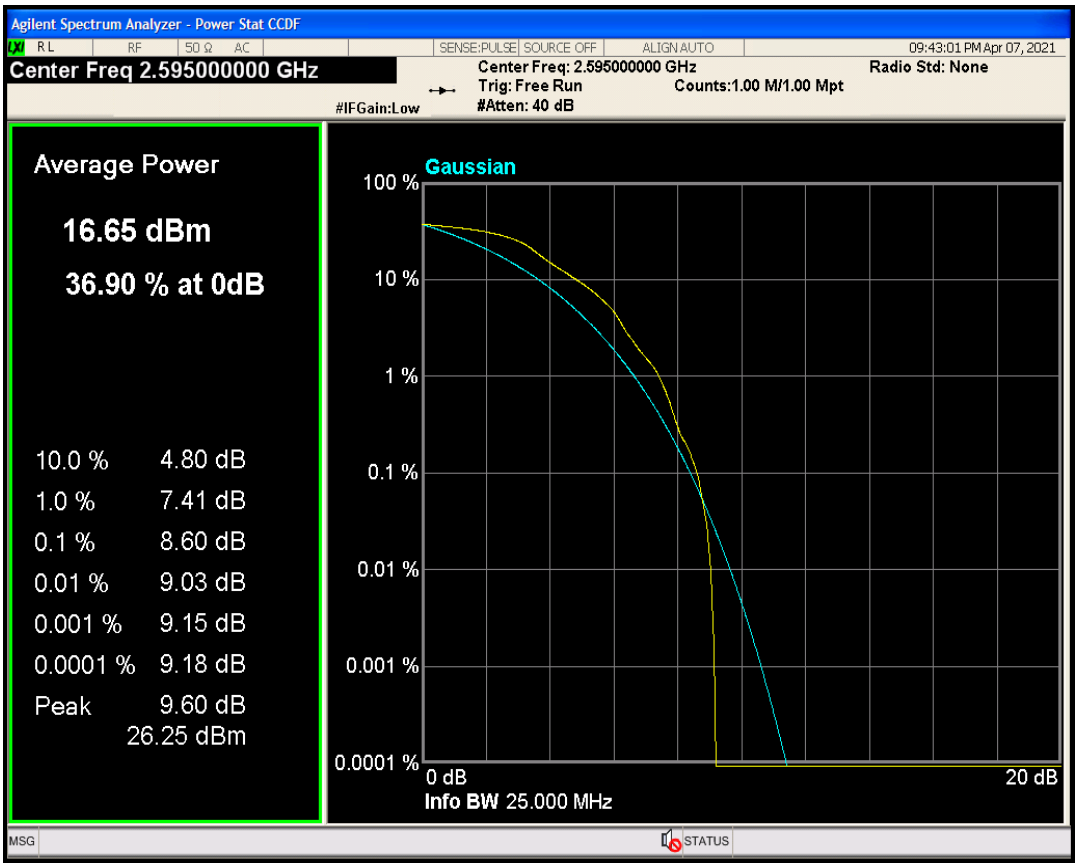
Band38	20	37850	100	#0	QPSK	8.64	0.003	-2.5	2.5	PASS
Band38	20	37850	100	#0	QAM16	26.13	0.010	-2.5	2.5	PASS
Band38	20	38000	100	#0	QPSK	10.01	0.004	-2.5	2.5	PASS
Band38	20	38000	100	#0	QAM16	14.66	0.006	-2.5	2.5	PASS
Band38	20	38150	100	#0	QPSK	4.06	0.002	-2.5	2.5	PASS
Band38	20	38150	100	#0	QAM16	7.69	0.003	-2.5	2.5	PASS
Band41a	20	40340	100	#0	QPSK	31.01	0.012	-2.5	2.5	PASS
Band41a	20	40340	100	#0	QAM16	7.76	0.003	-2.5	2.5	PASS
Band41a	20	40740	100	#0	QPSK	-27.66	-0.011	-2.5	2.5	PASS
Band41a	20	40740	100	#0	QAM16	10.29	0.004	-2.5	2.5	PASS
Band41a	20	41140	100	#0	QPSK	15.57	0.006	-2.5	2.5	PASS
Band41a	20	41140	100	#0	QAM16	18.85	0.007	-2.5	2.5	PASS
Band5	10	20450	50	#0	QPSK	11.90	0.014	-2.5	2.5	PASS
Band5	10	20450	50	#0	QAM16	18.49	0.022	-2.5	2.5	PASS
Band5	10	20525	50	#0	QPSK	-4.80	-0.006	-2.5	2.5	PASS
Band5	10	20525	50	#0	QAM16	-4.32	-0.005	-2.5	2.5	PASS
Band5	10	20600	50	#0	QPSK	-4.72	-0.006	-2.5	2.5	PASS
Band5	10	20600	50	#0	QAM16	-4.74	-0.006	-2.5	2.5	PASS

3 Peak-to-Average Ratio

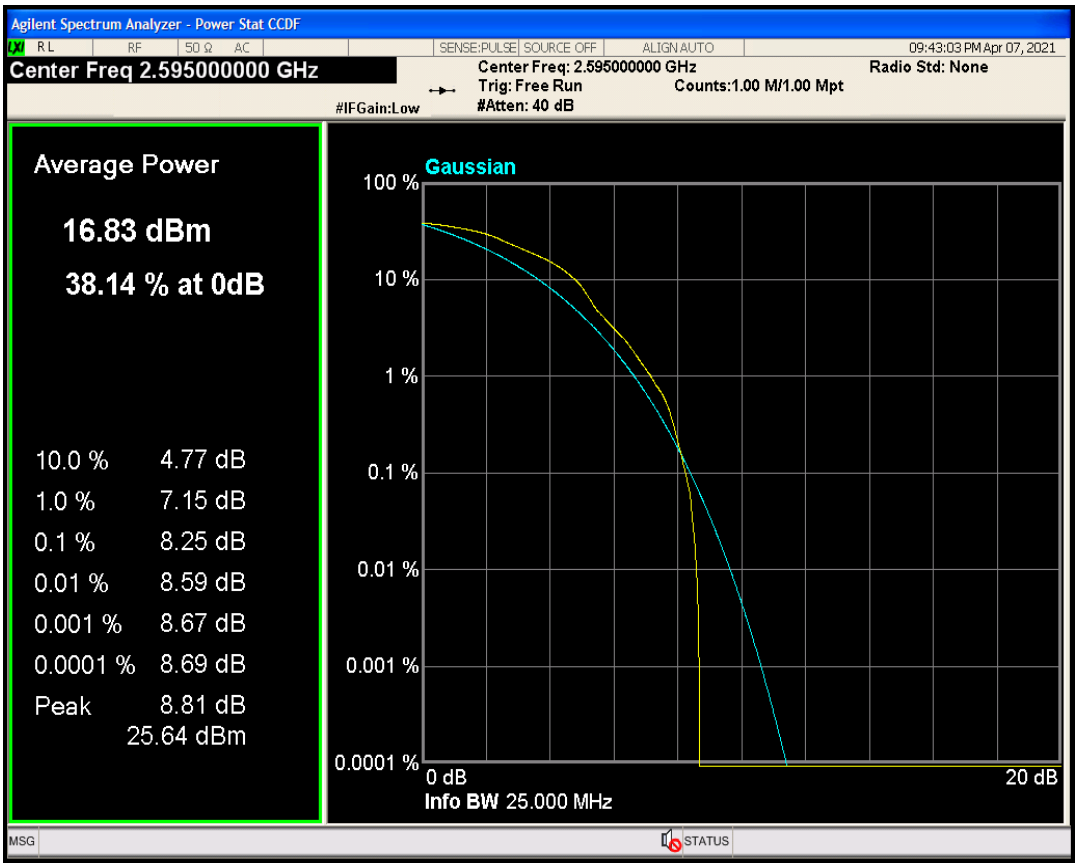
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band38	5	38000	1	#0	QPSK	8.60	13	PASS
Band38	5	38000	1	#0	QAM16	8.25	13	PASS
Band38	10	38000	1	#0	QPSK	9.20	13	PASS
Band38	10	38000	1	#0	QAM16	10.36	13	PASS
Band38	15	38000	1	#0	QPSK	10.03	13	PASS
Band38	15	38000	1	#0	QAM16	9.70	13	PASS
Band38	20	38000	1	#0	QPSK	9.44	13	PASS
Band38	20	38000	1	#0	QAM16	9.88	13	PASS
Band41a	5	40740	1	#0	QPSK	8.98	13	PASS
Band41a	5	40740	1	#0	QAM16	9.01	13	PASS
Band41a	10	40740	1	#0	QPSK	8.69	13	PASS
Band41a	10	40740	1	#0	QAM16	8.57	13	PASS
Band41a	15	40740	1	#0	QPSK	8.35	13	PASS
Band41a	15	40740	1	#0	QAM16	9.95	13	PASS
Band41a	20	40740	1	#0	QPSK	10.82	13	PASS
Band41a	20	40740	1	#0	QAM16	9.04	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.42	13	PASS
Band5	1.4	20525	1	#0	QAM16	6.12	13	PASS
Band5	3	20525	1	#0	QPSK	5.28	13	PASS
Band5	3	20525	1	#0	QAM16	6.22	13	PASS
Band5	5	20525	1	#0	QPSK	5.66	13	PASS
Band5	5	20525	1	#0	QAM16	5.86	13	PASS
Band5	10	20525	1	#0	QPSK	5.33	13	PASS

Band5	10	20525	1	#0	QAM16	6.28	13	PASS

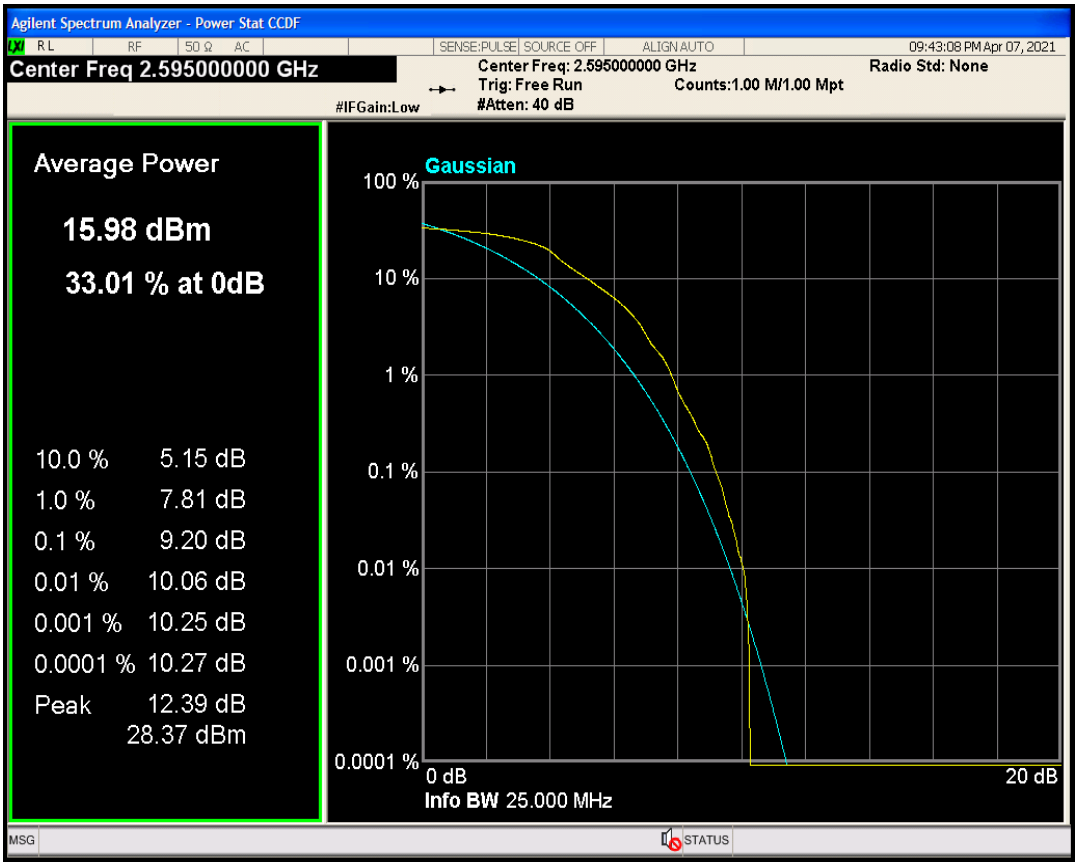
Band38 QPSK BW=5MHz Channel=38000 RB Size=1 Position=#0



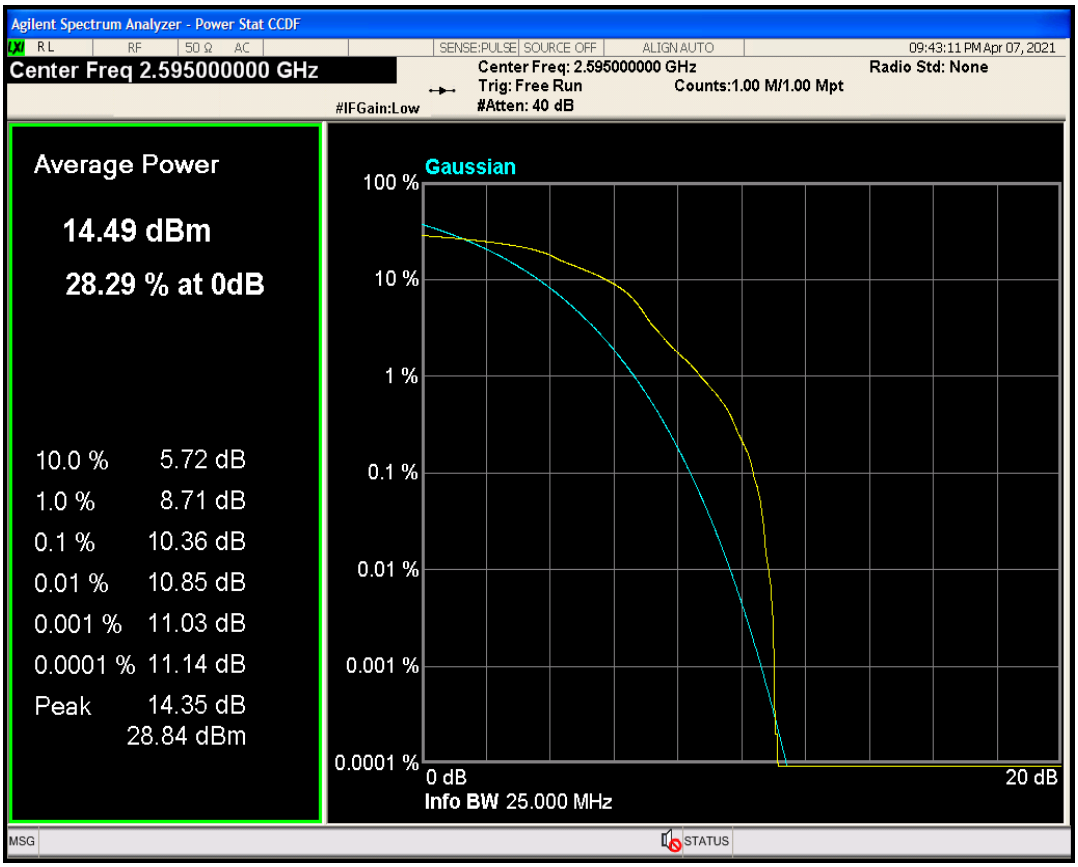
Band38 QAM16 BW=5MHz Channel=38000 RB Size=1 Position=#0



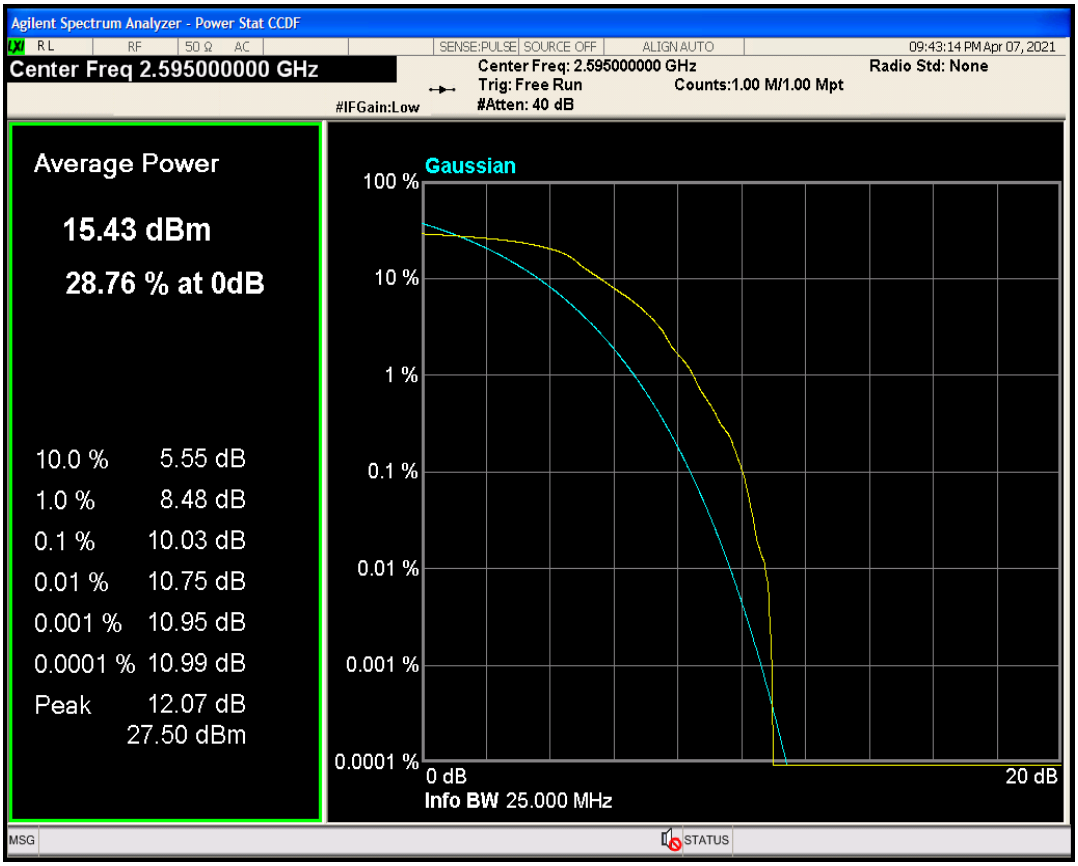
Band38 QPSK BW=10MHz Channel=38000 RB Size=1 Position=#0



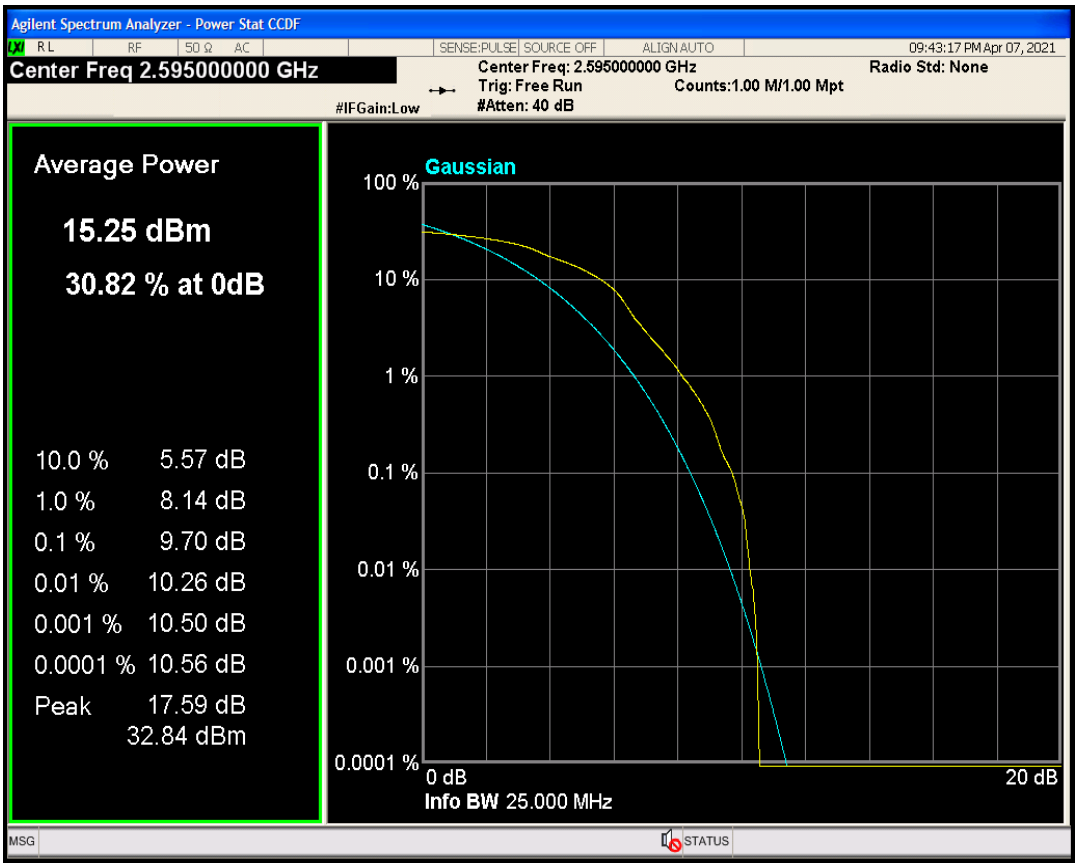
Band38 QAM16 BW=10MHz Channel=38000 RB Size=1 Position=#0



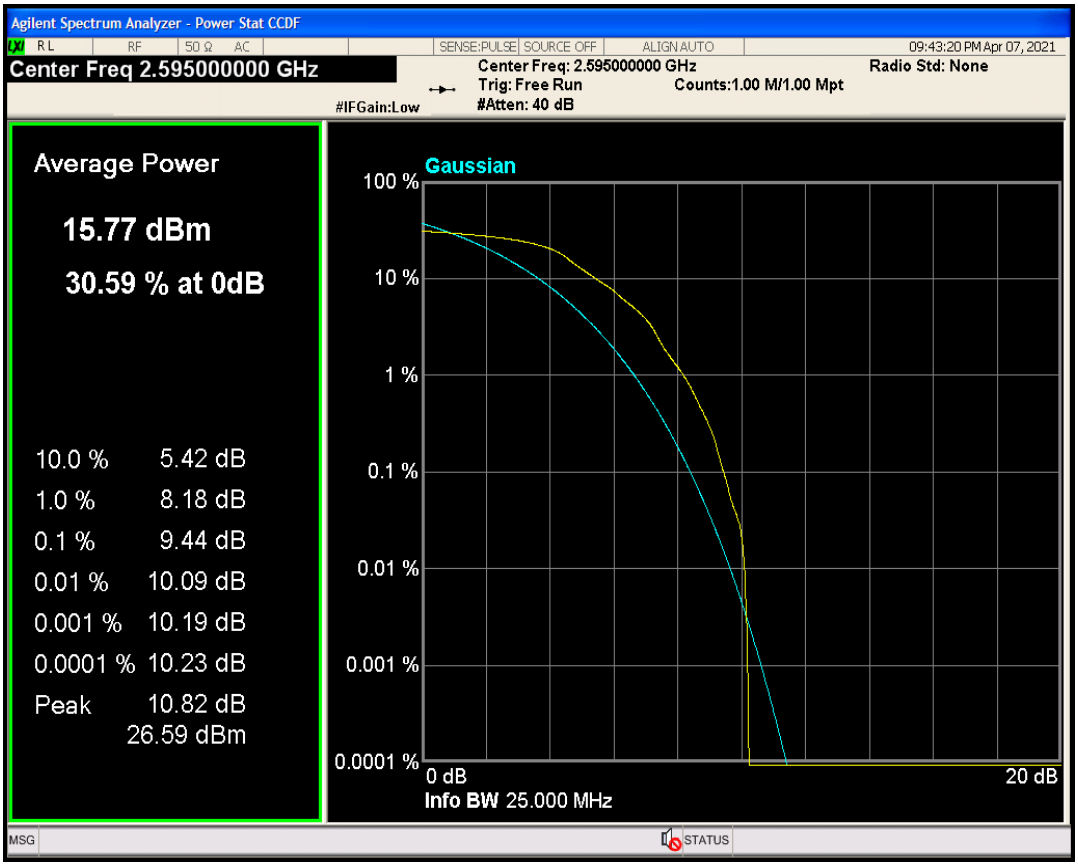
Band38 QPSK BW=15MHz Channel=38000 RB Size=1 Position=#0



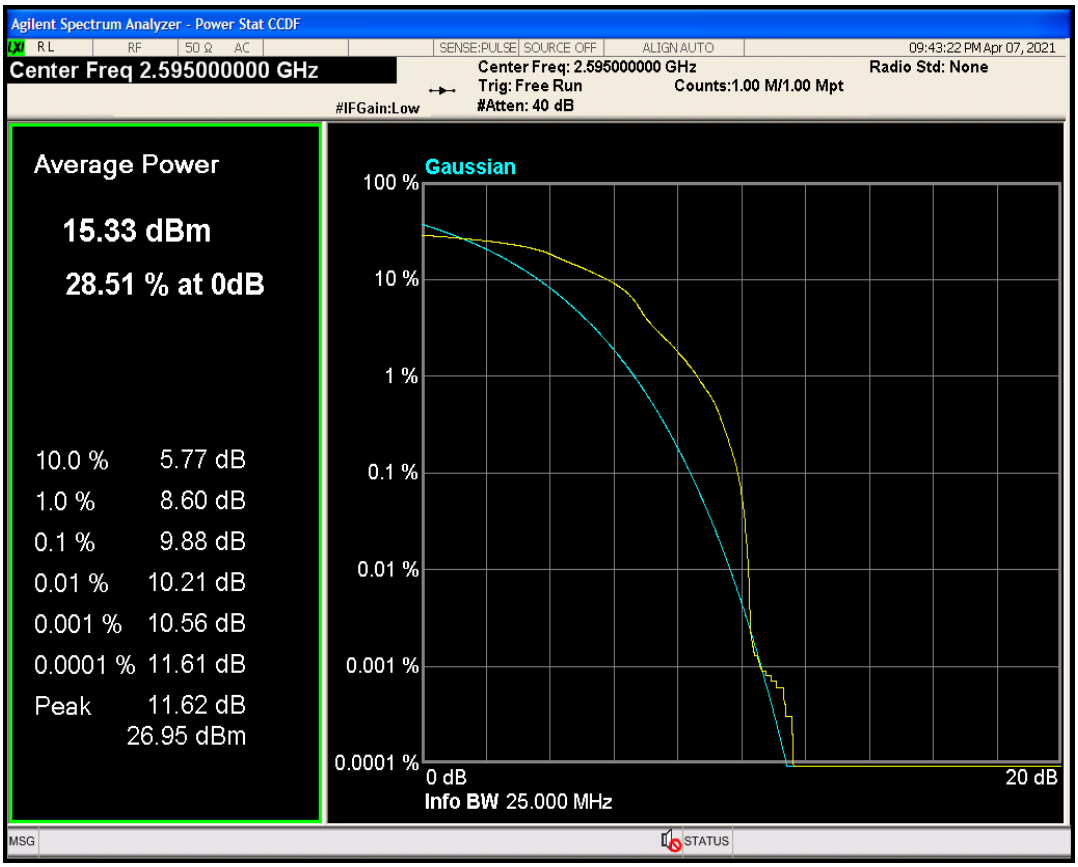
Band38 QAM16 BW=15MHz Channel=38000 RB Size=1 Position=#0



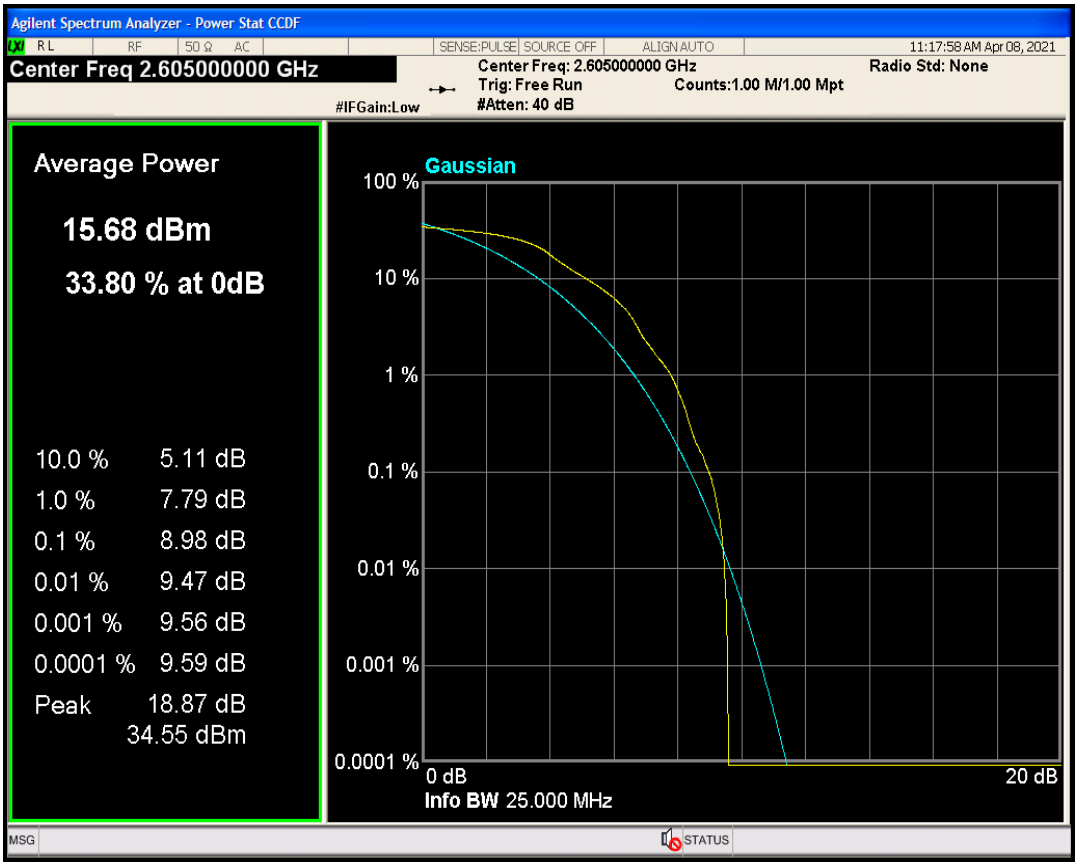
Band38 QPSK BW=20MHz Channel=38000 RB Size=1 Position=#0



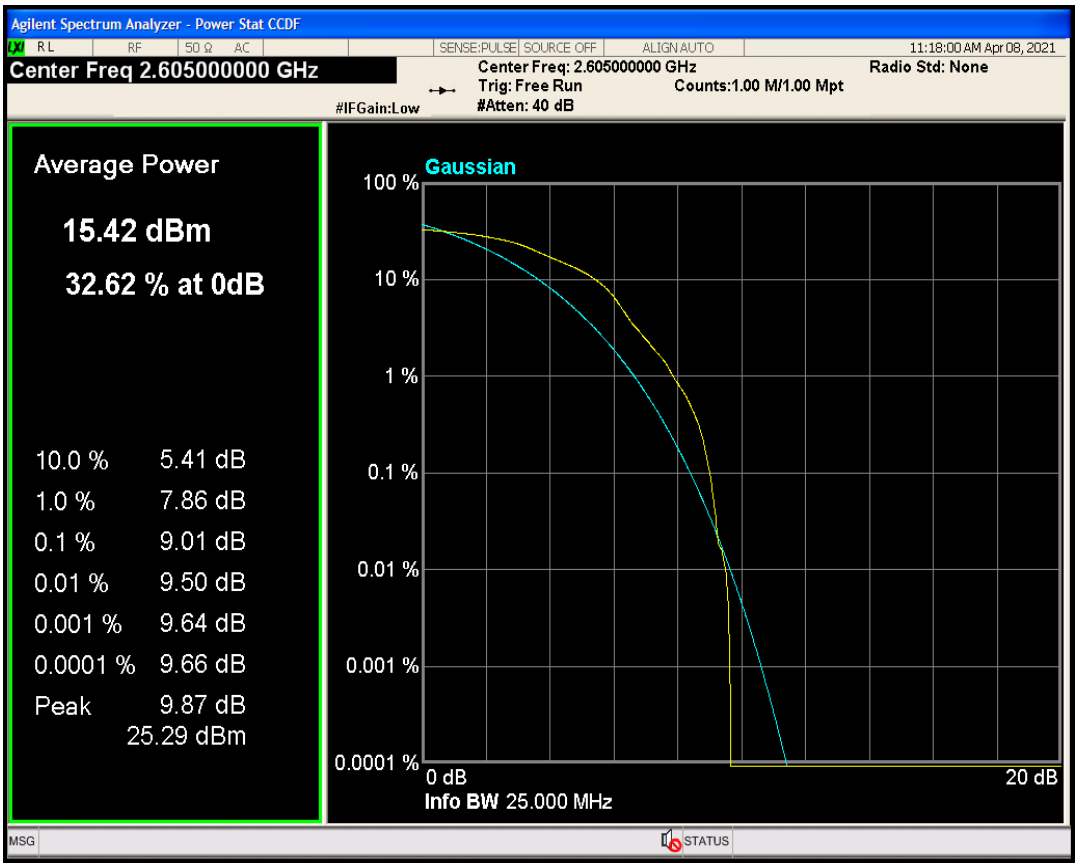
Band38 QAM16 BW=20MHz Channel=38000 RB Size=1 Position=#0



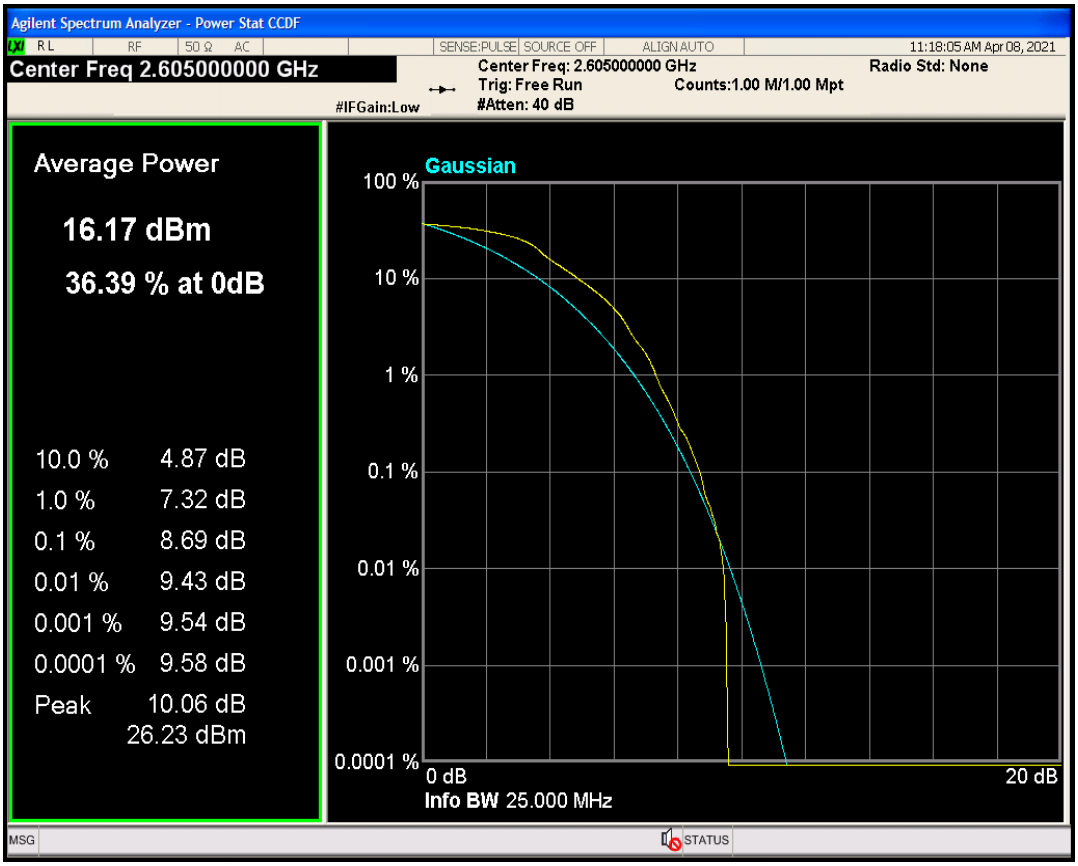
Band41a QPSK BW=5MHz Channel=40740 RB Size=1 Position=#0



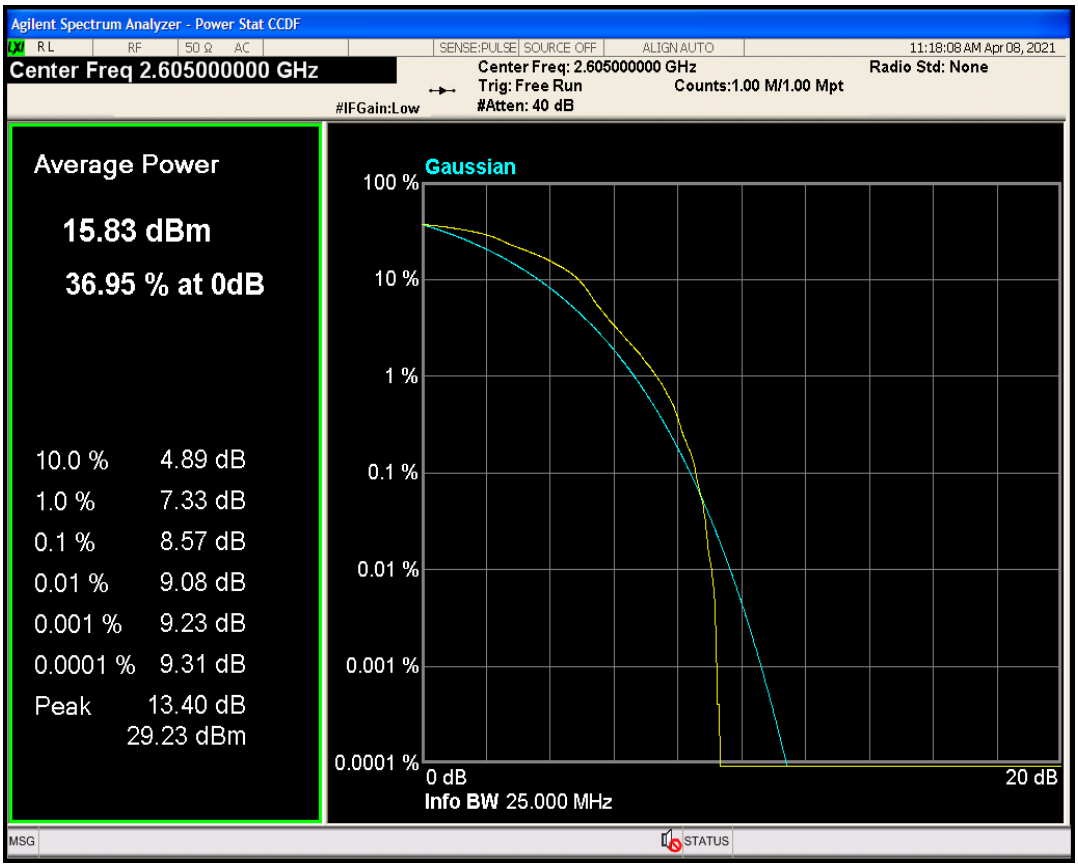
Band41a QAM16 BW=5MHz Channel=40740 RB Size=1 Position=#0



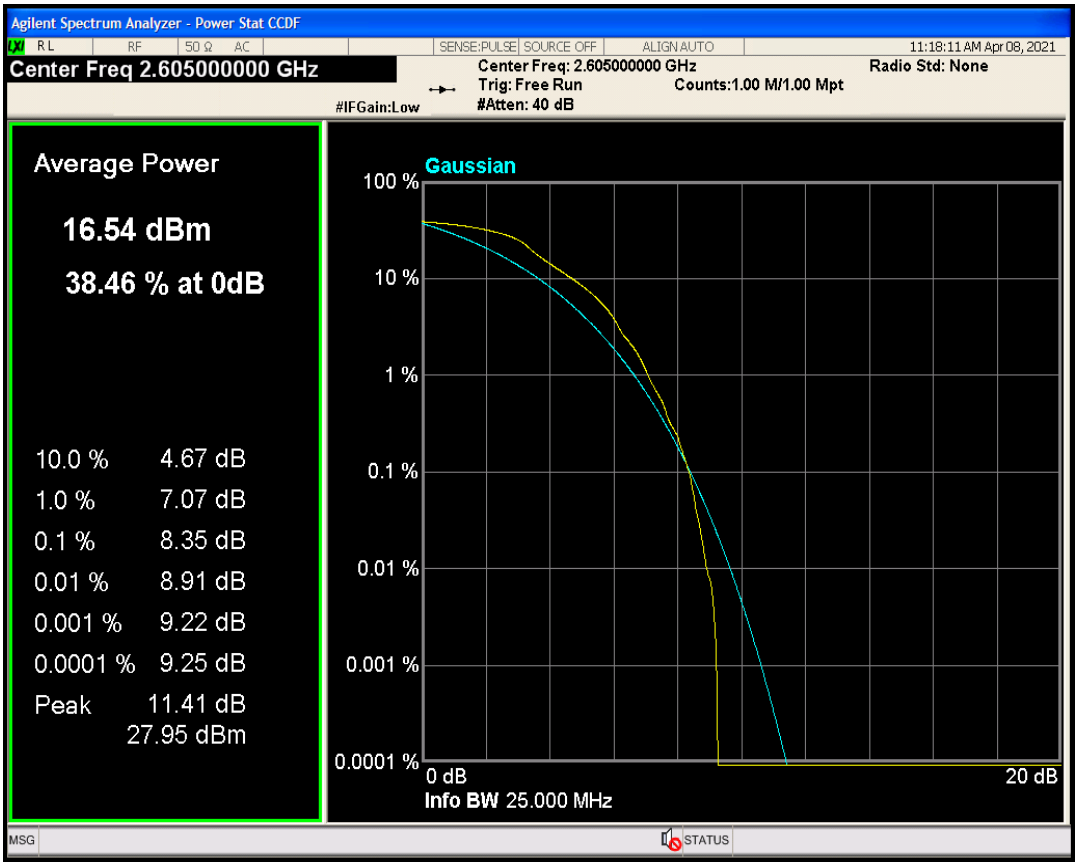
Band41a QPSK BW=10MHz Channel=40740 RB Size=1 Position=#0



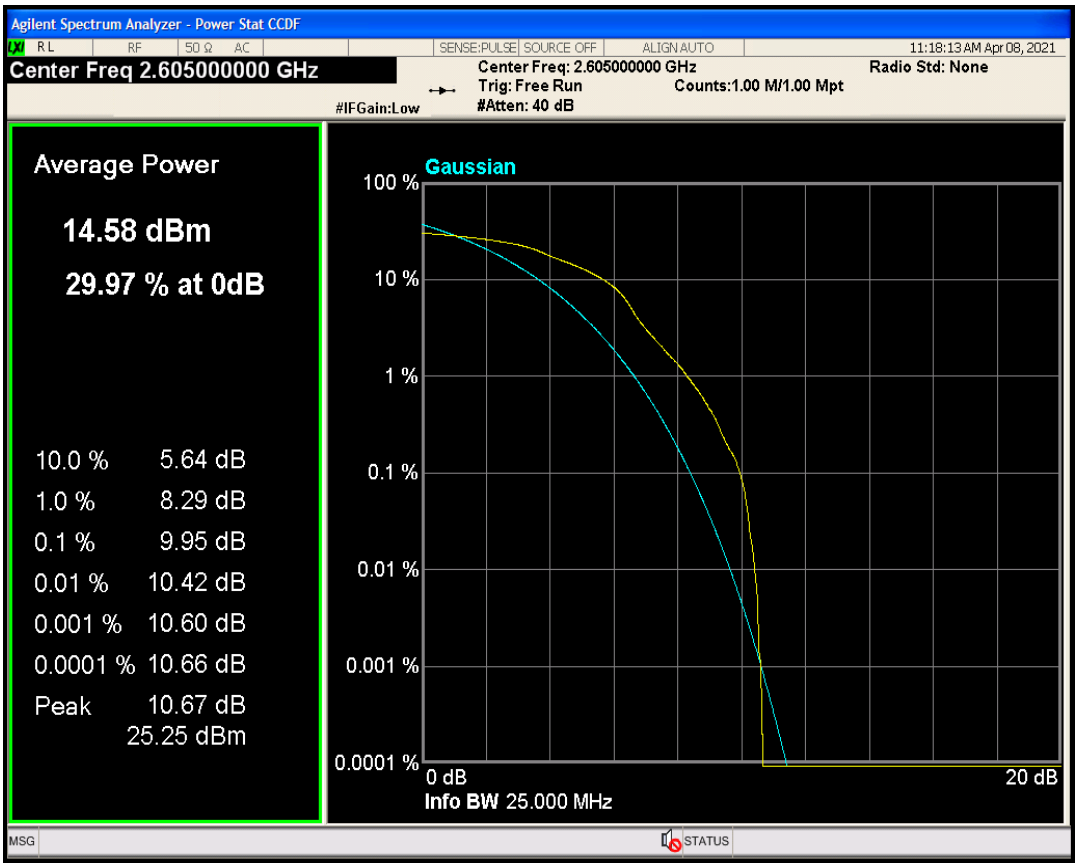
Band41a QAM16 BW=10MHz Channel=40740 RB Size=1 Position=#0



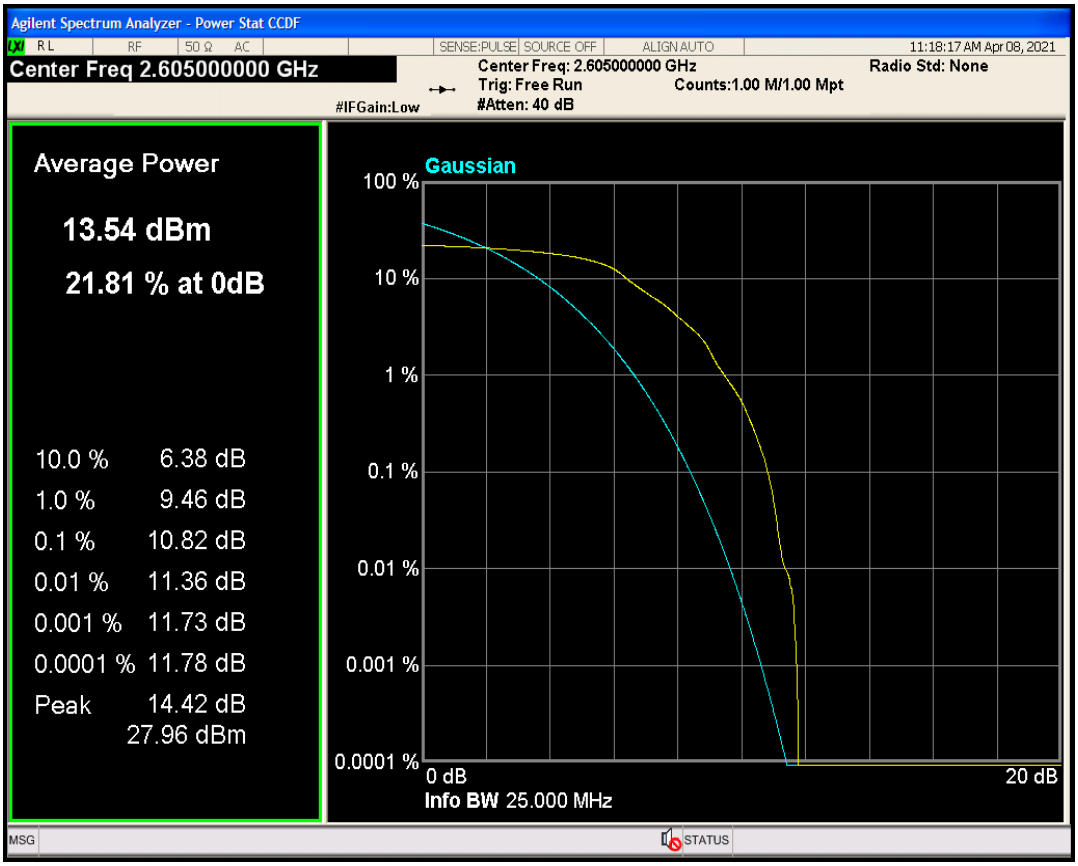
Band41a QPSK BW=15MHz Channel=40740 RB Size=1 Position=#0



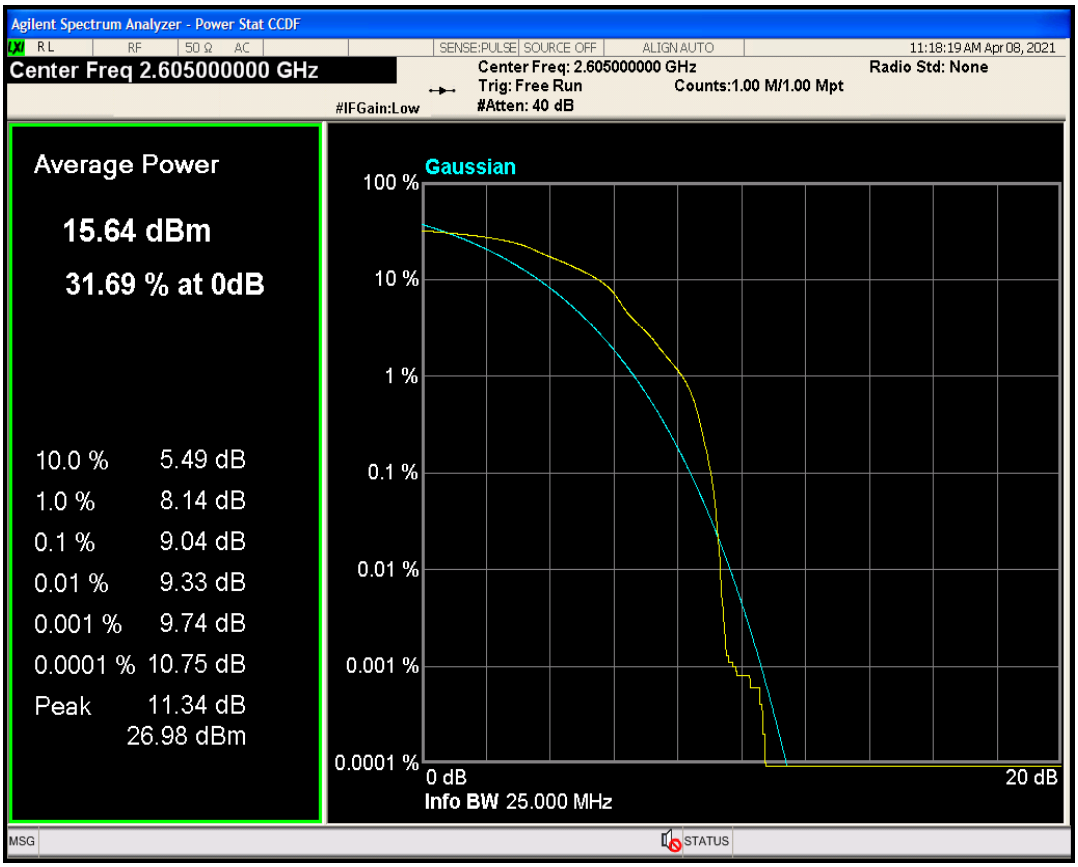
Band41a QAM16 BW=15MHz Channel=40740 RB Size=1 Position=#0



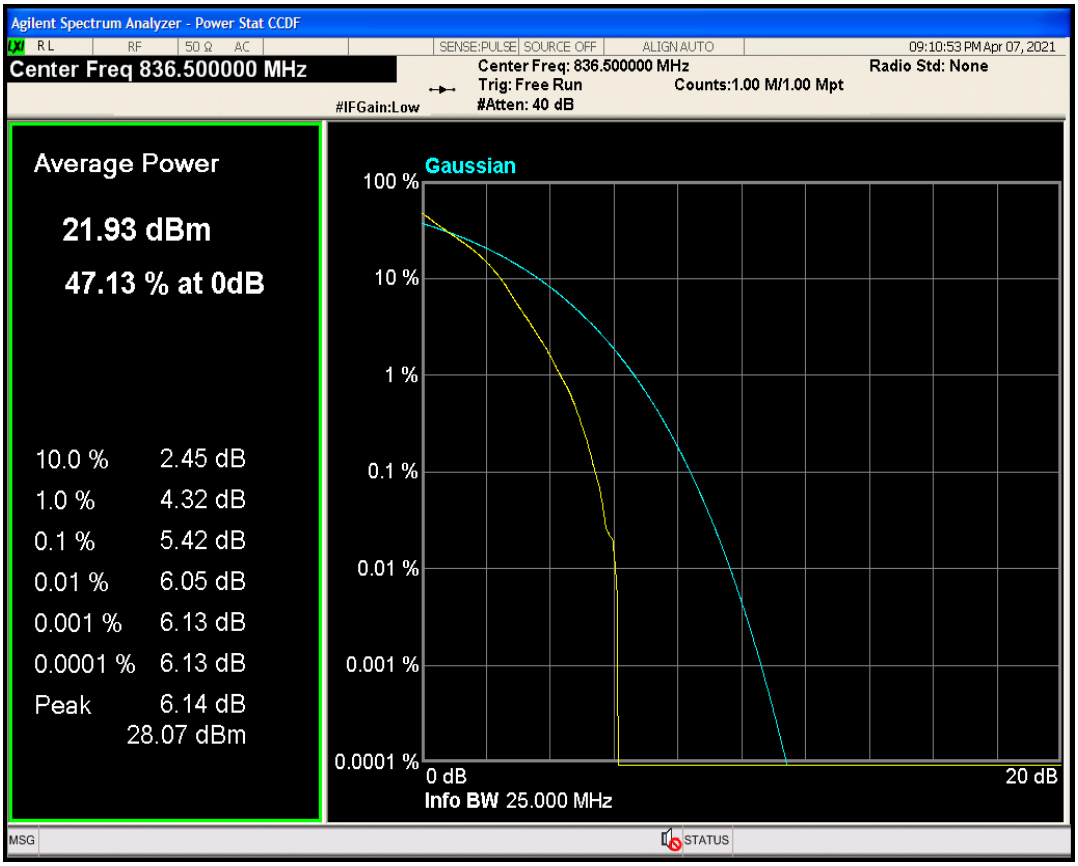
Band41a QPSK BW=20MHz Channel=40740 RB Size=1 Position=#0



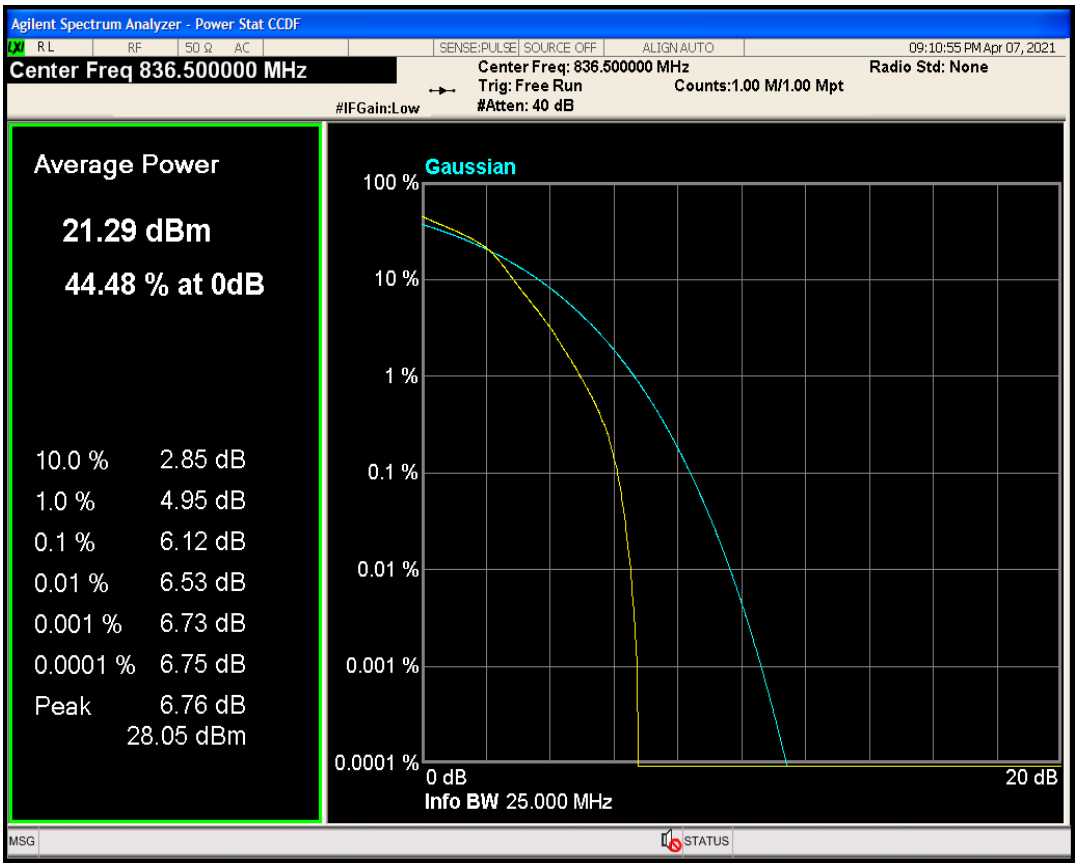
Band41a QAM16 BW=20MHz Channel=40740 RB Size=1 Position=#0



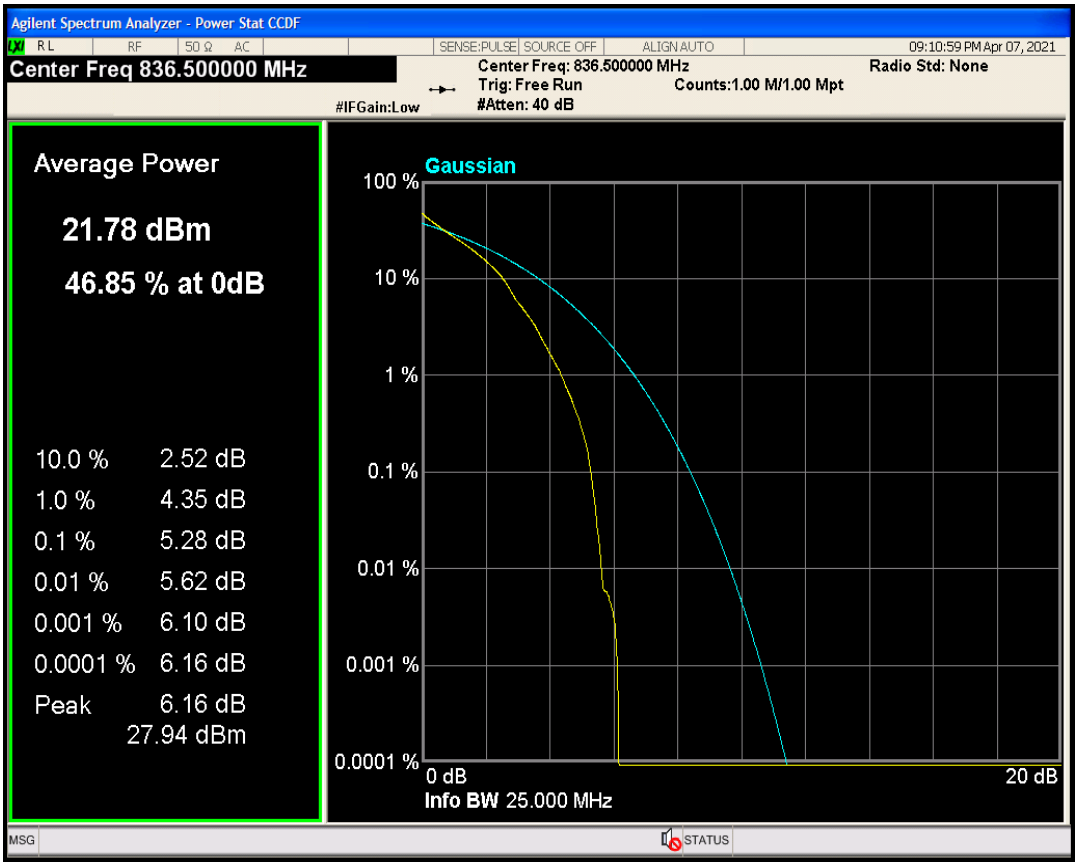
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



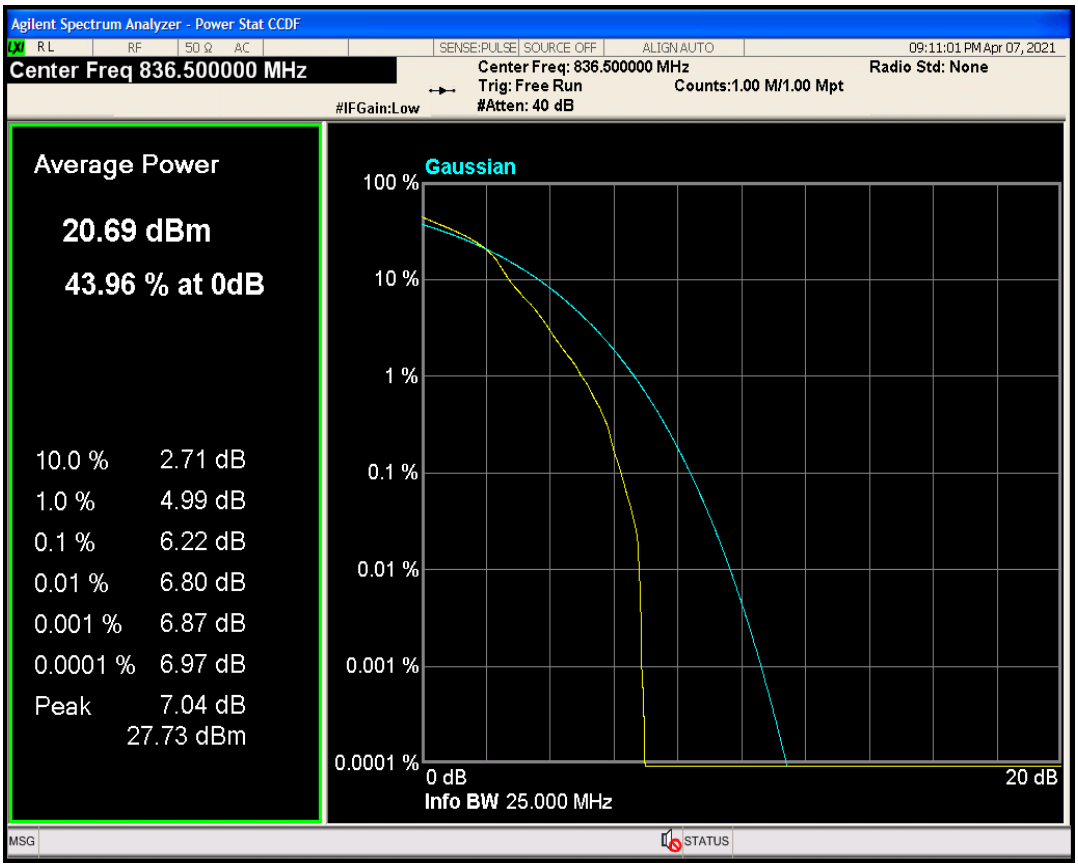
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=1 Position=#0



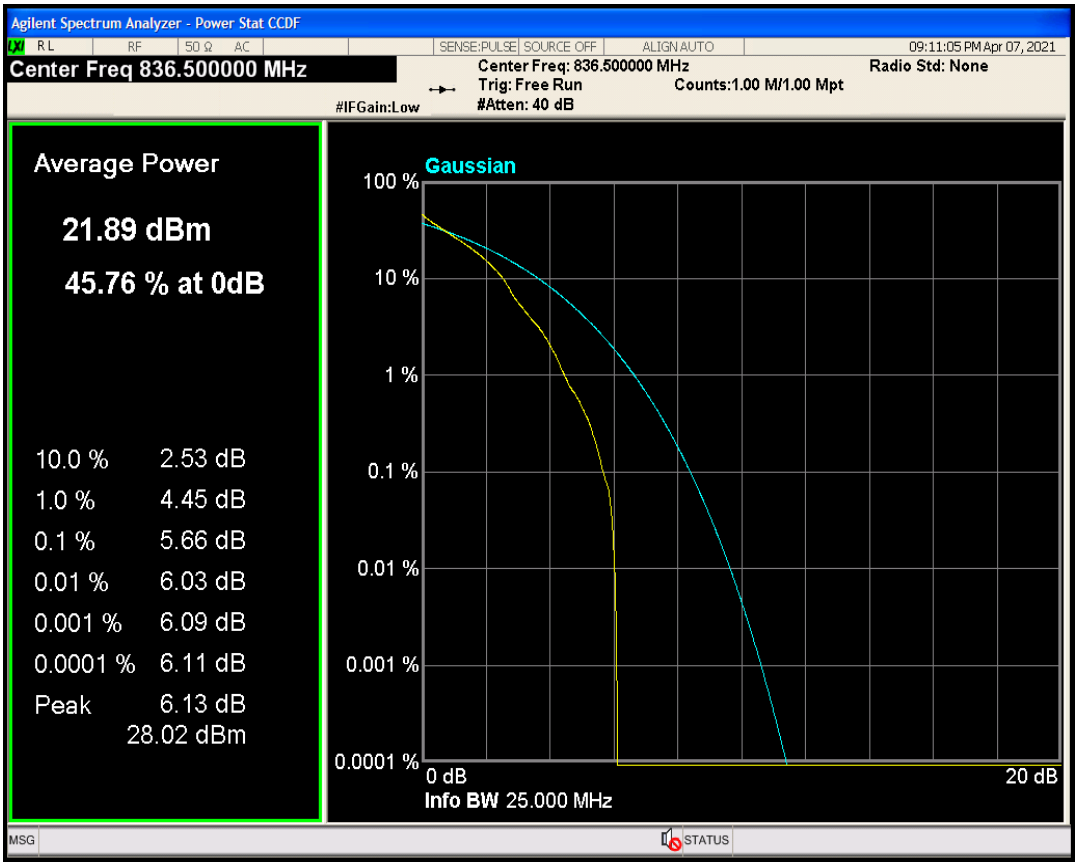
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



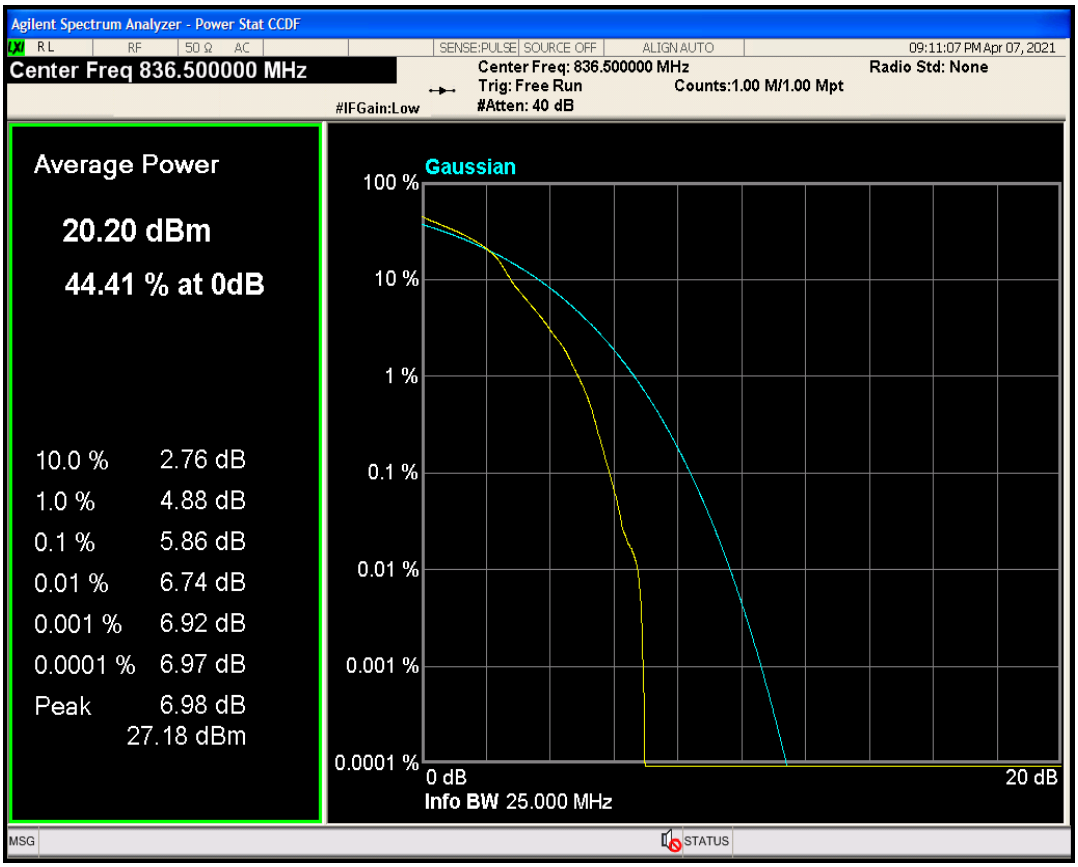
Band5 QAM16 BW=3MHz Channel=20525 RB Size=1 Position=#0



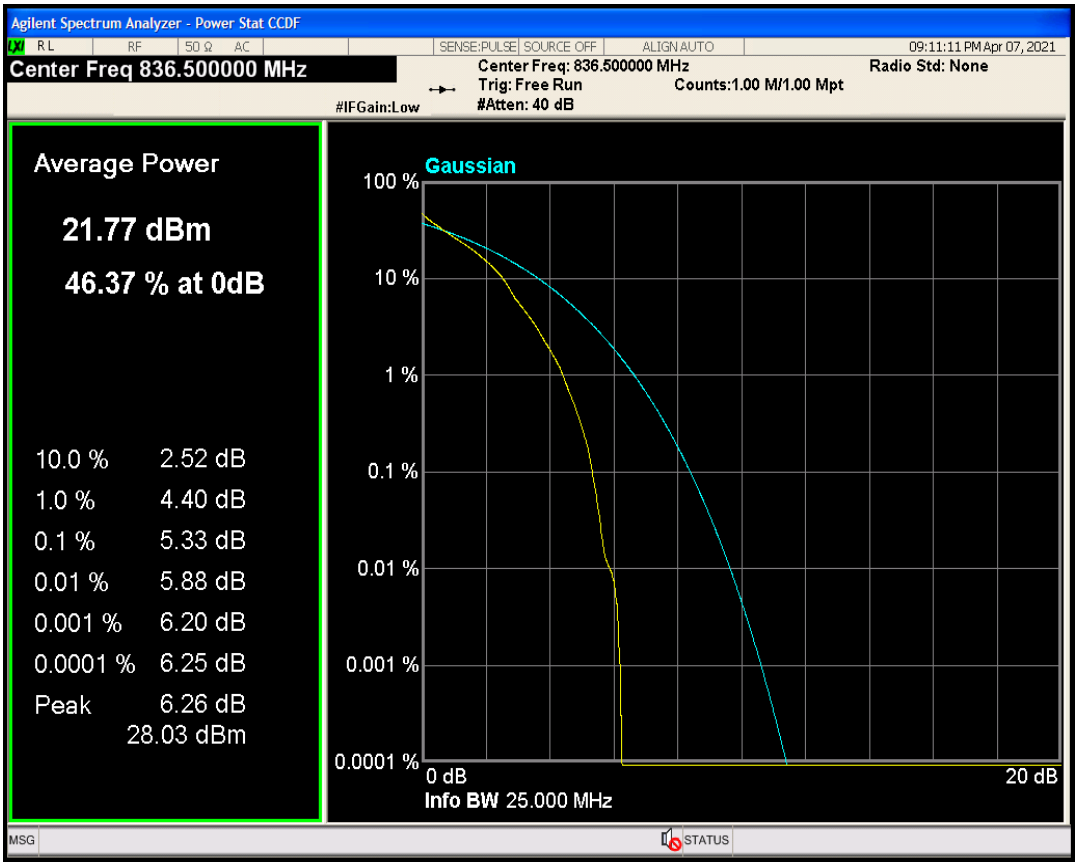
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



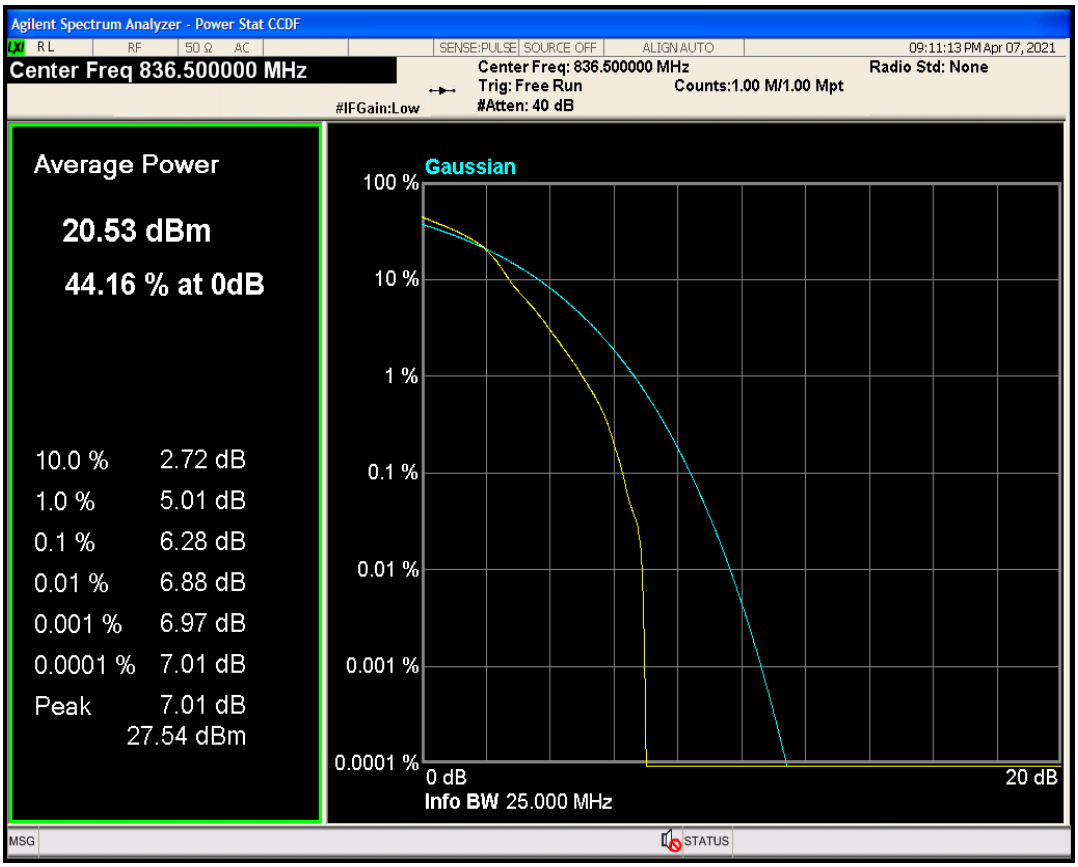
Band5 QAM16 BW=5MHz Channel=20525 RB Size=1 Position=#0



Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



Band5 QAM16 BW=10MHz Channel=20525 RB Size=1 Position=#0

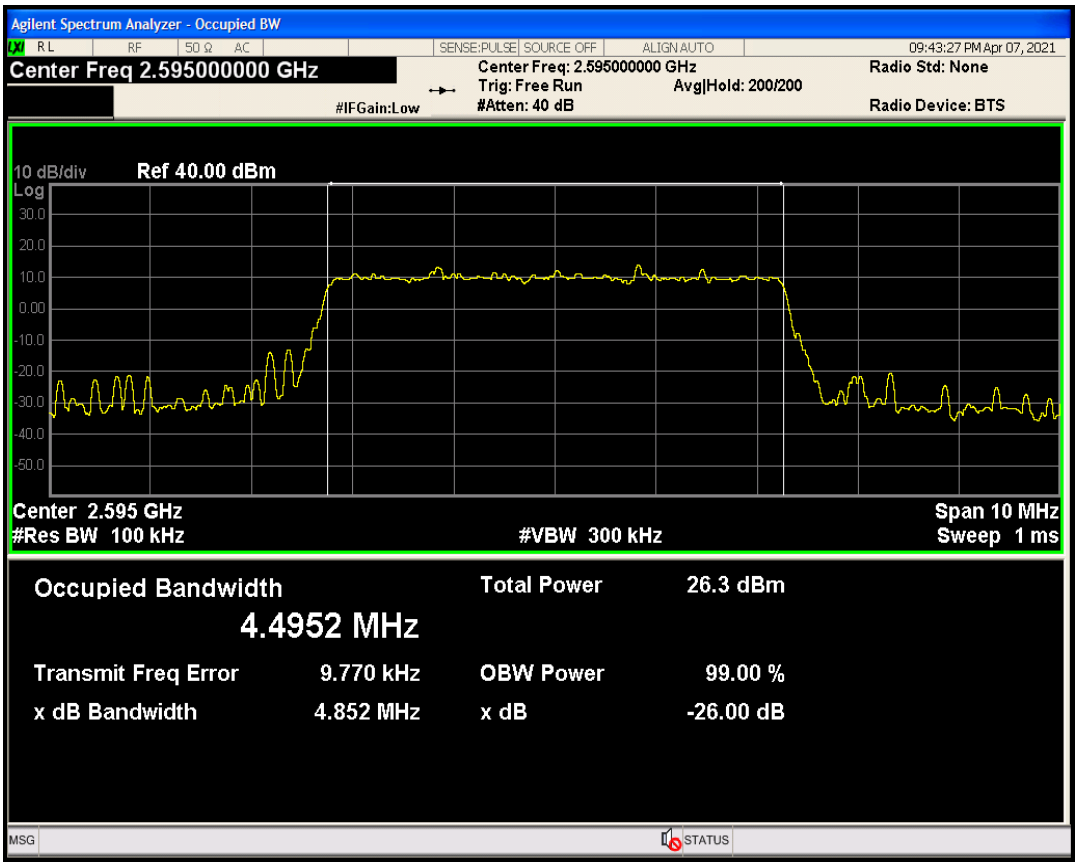


4 Occupied bandwidth

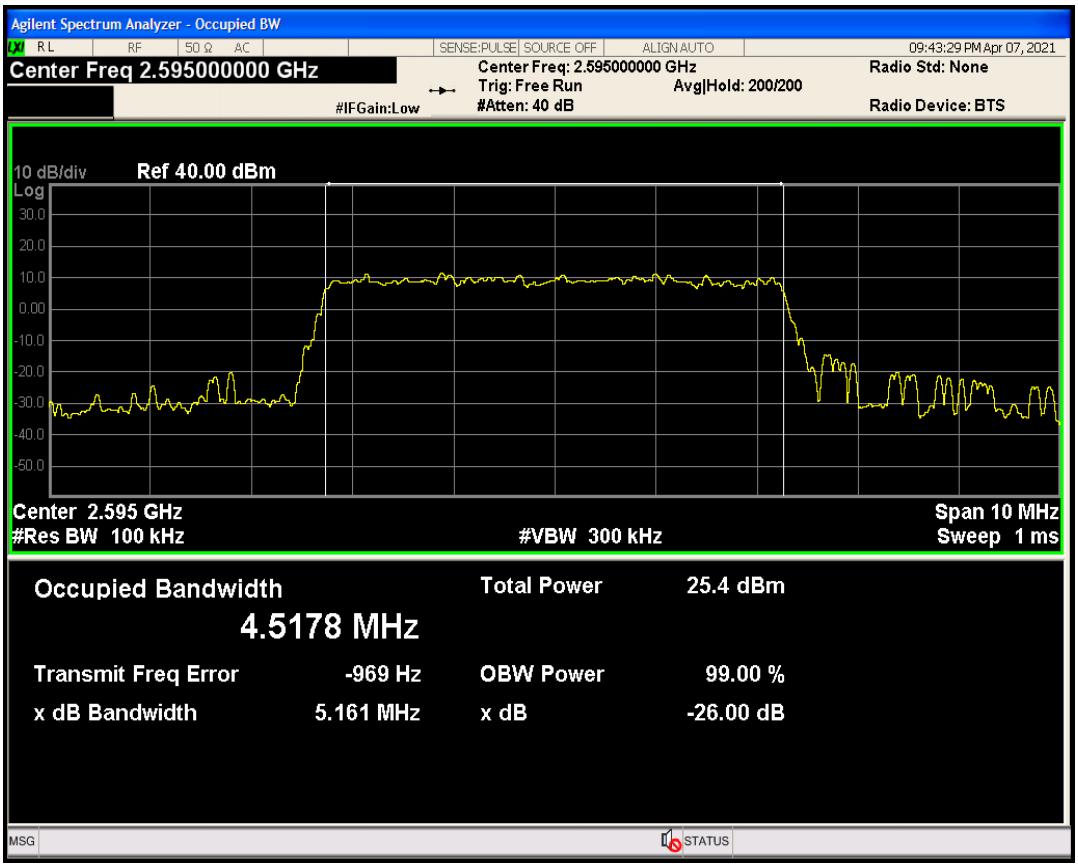
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band38	5	38000	25	#0	QPSK	4.495	4.852	PASS
Band38	5	38000	25	#0	QAM16	4.518	5.161	PASS
Band38	10	38000	50	#0	QPSK	8.984	10.364	PASS
Band38	10	38000	50	#0	QAM16	9.023	10.111	PASS
Band38	15	38000	75	#0	QPSK	13.467	14.579	PASS
Band38	15	38000	75	#0	QAM16	13.447	14.942	PASS
Band38	20	38000	100	#0	QPSK	17.909	19.606	PASS
Band38	20	38000	100	#0	QAM16	17.855	19.516	PASS
Band41a	5	40740	25	#0	QPSK	4.500	4.941	PASS
Band41a	5	40740	25	#0	QAM16	4.500	5.112	PASS
Band41a	10	40740	50	#0	QPSK	8.949	9.849	PASS
Band41a	10	40740	50	#0	QAM16	8.976	9.668	PASS
Band41a	15	40740	75	#0	QPSK	13.446	15.149	PASS
Band41a	15	40740	75	#0	QAM16	13.428	15.097	PASS
Band41a	20	40740	100	#0	QPSK	17.954	19.115	PASS
Band41a	20	40740	100	#0	QAM16	17.998	19.675	PASS
Band5	1.4	20525	6	#0	QPSK	1.096	1.242	PASS
Band5	1.4	20525	6	#0	QAM16	1.102	1.263	PASS
Band5	3	20525	15	#0	QPSK	2.713	3.021	PASS
Band5	3	20525	15	#0	QAM16	2.705	2.996	PASS
Band5	5	20525	25	#0	QPSK	4.522	4.938	PASS

Band5	5	20525	25	#0	QAM16	4.498	4.980	PASS
Band5	10	20525	50	#0	QPSK	8.983	9.733	PASS
Band5	10	20525	50	#0	QAM16	8.975	9.818	PASS

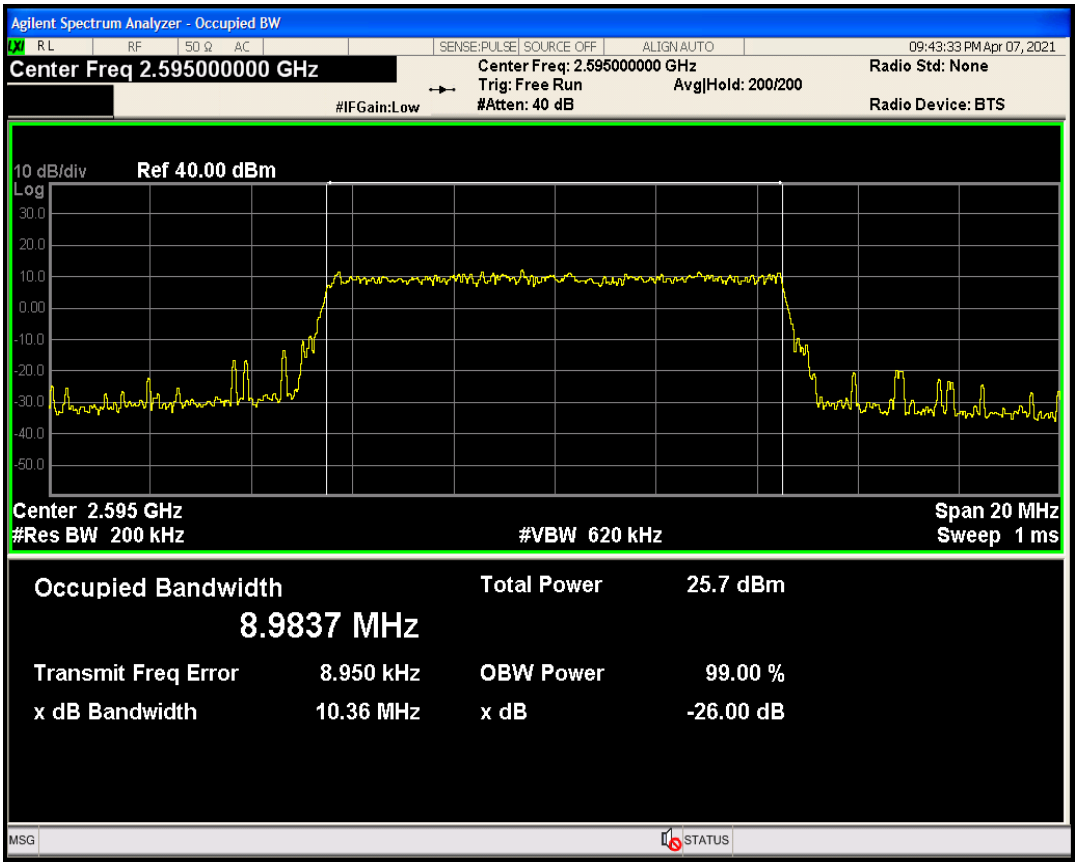
Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0



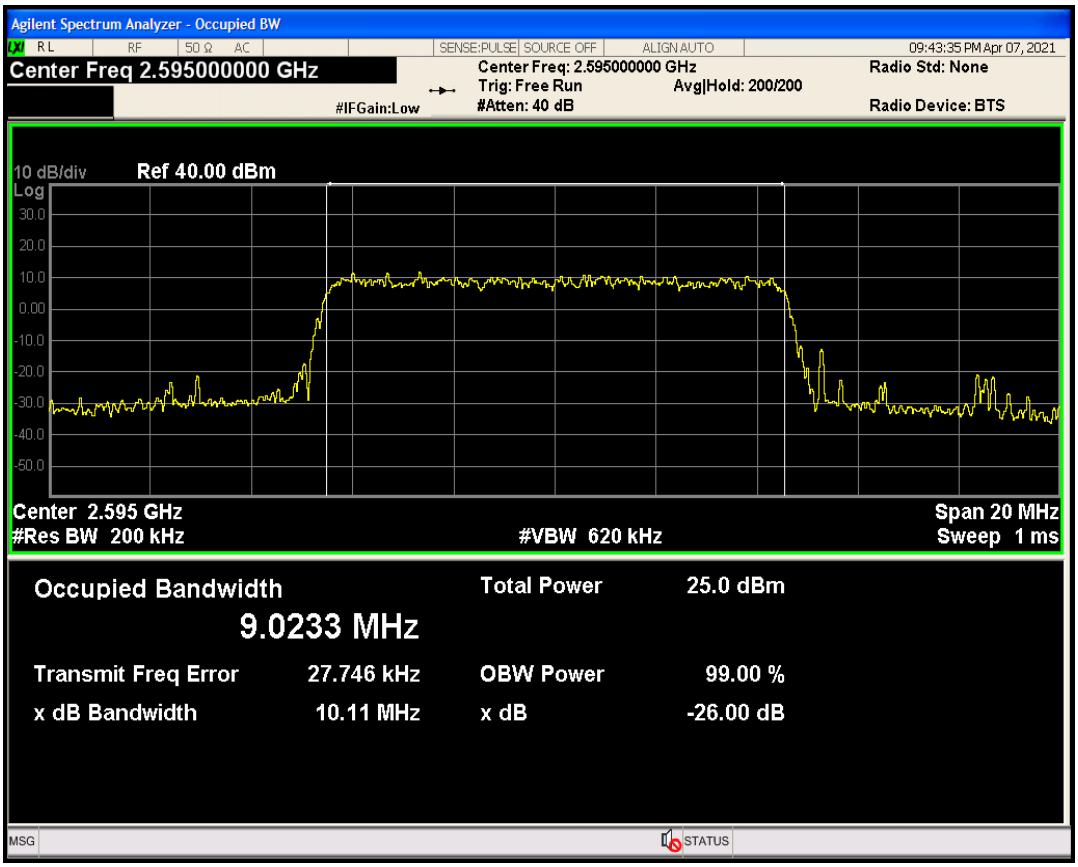
Band38 QAM16 BW=5MHz Channel=38000 RB Size=25 Position=#0



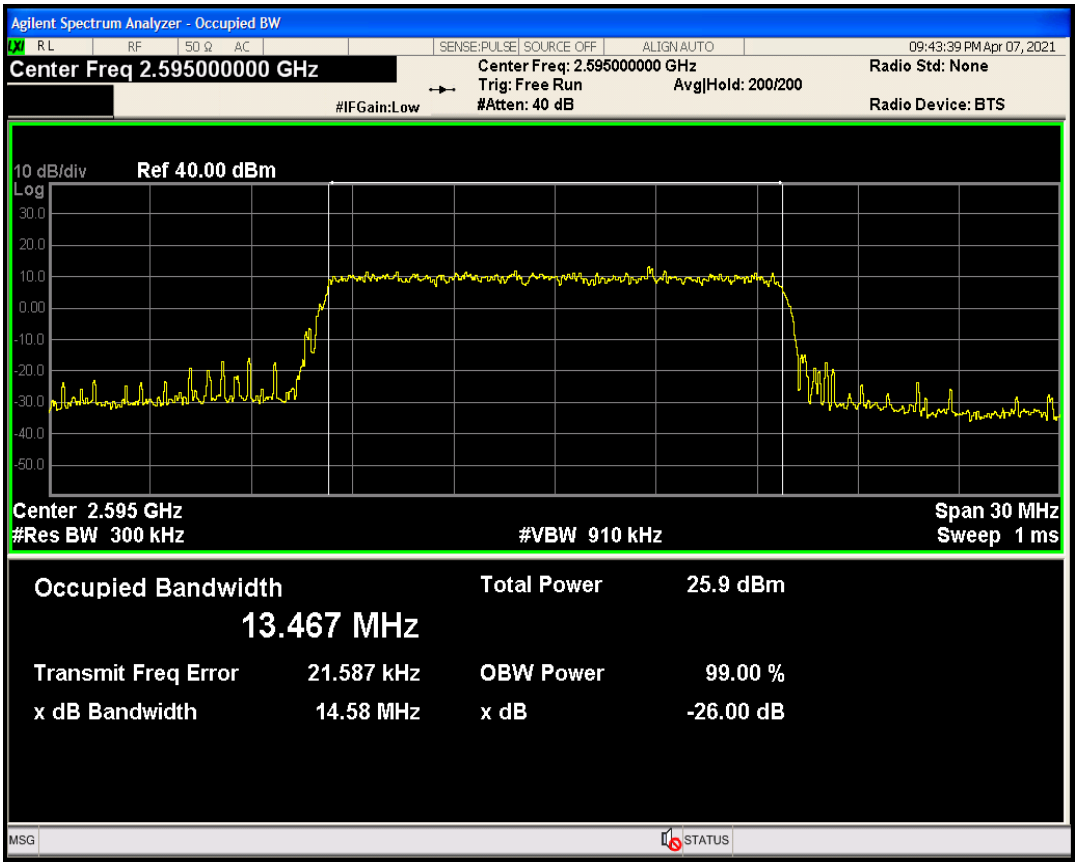
Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0



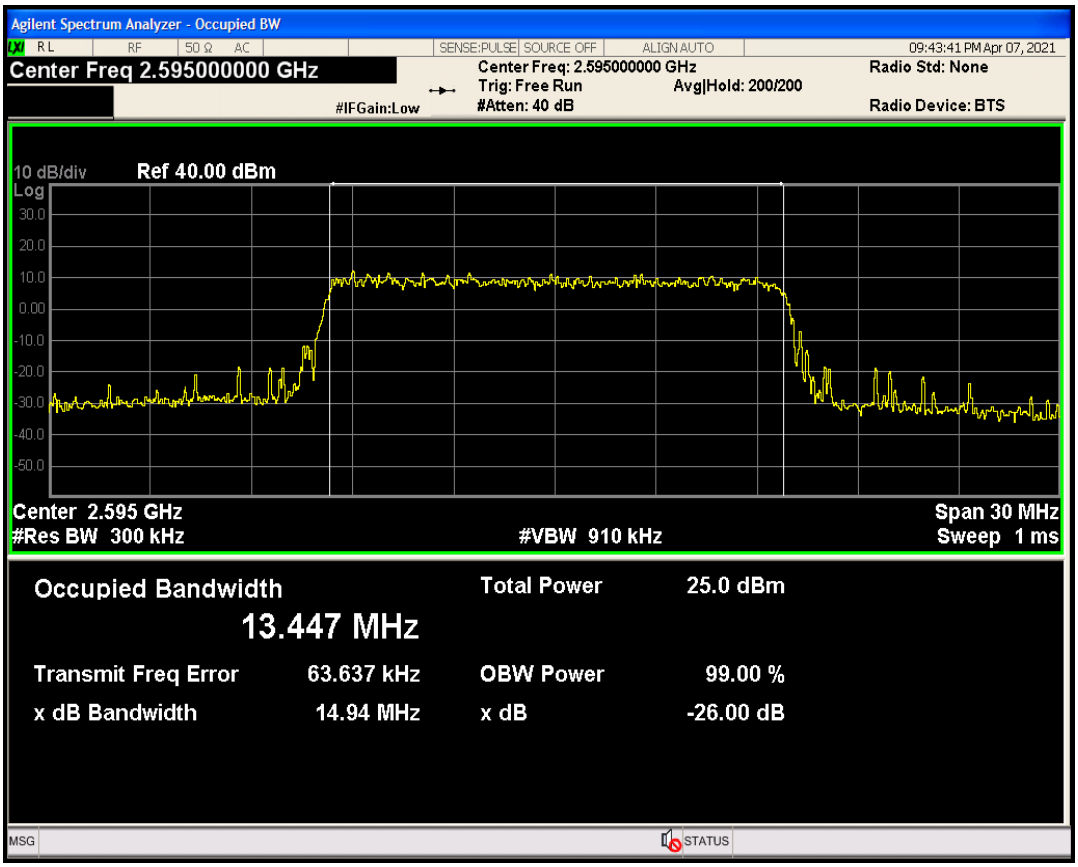
Band38 QAM16 BW=10MHz Channel=38000 RB Size=50 Position=#0



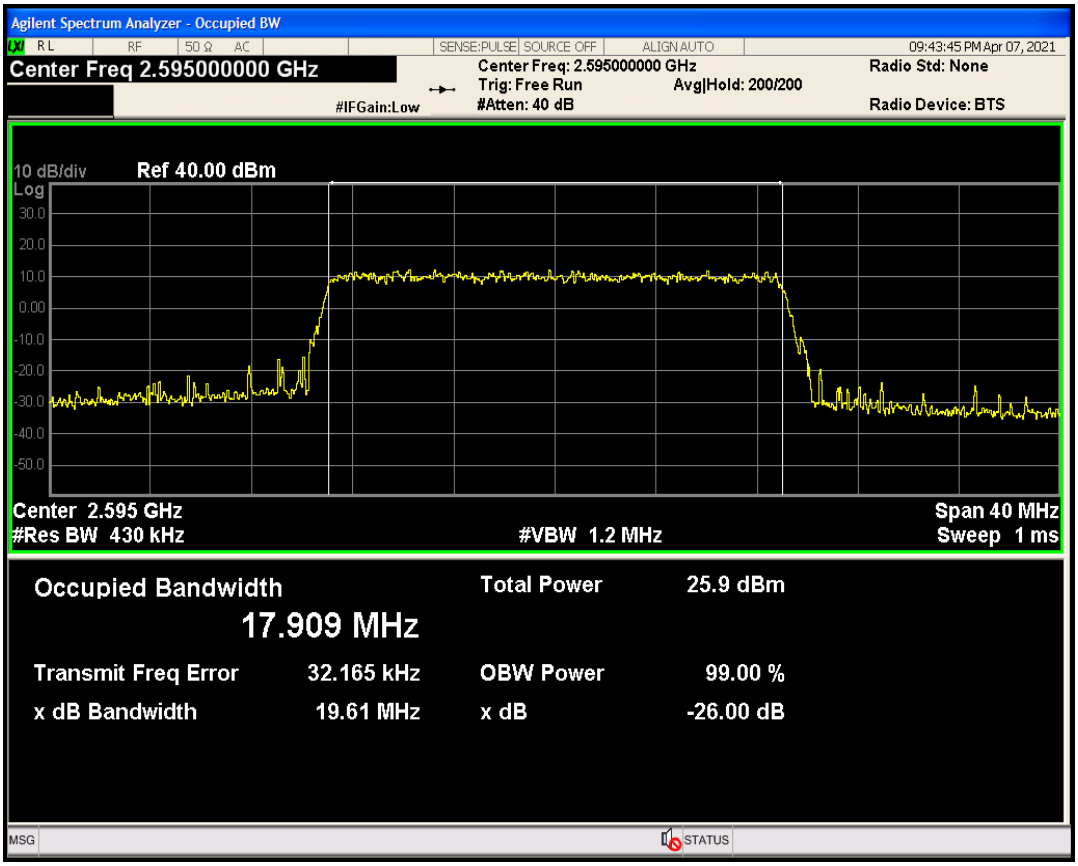
Band38 QPSK BW=15MHz Channel=38000 RB Size=75 Position=#0



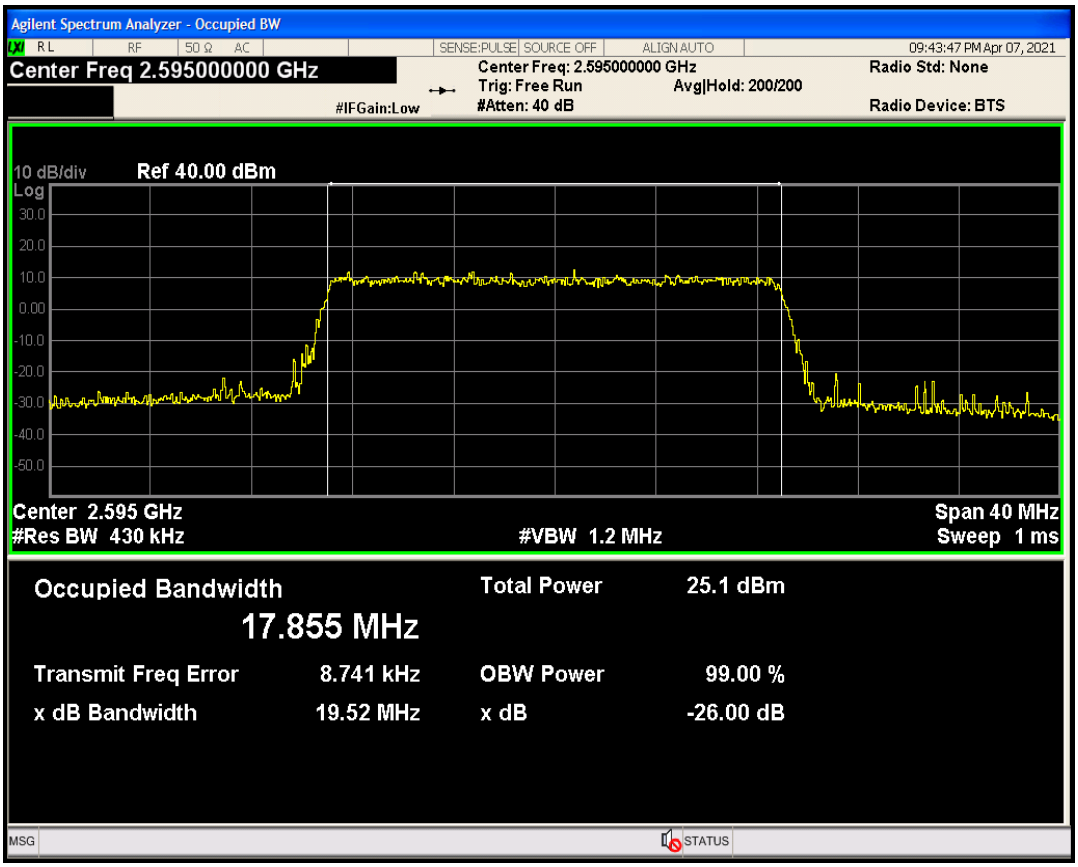
Band38 QAM16 BW=15MHz Channel=38000 RB Size=75 Position=#0



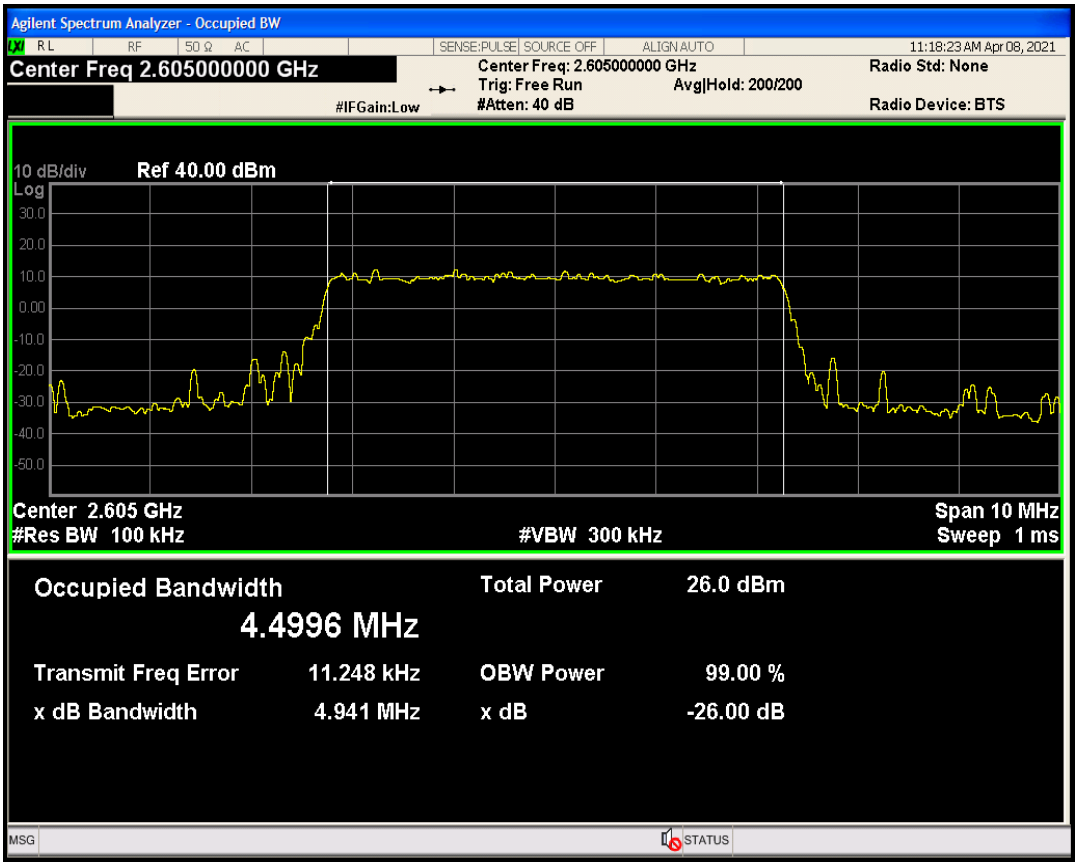
Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0



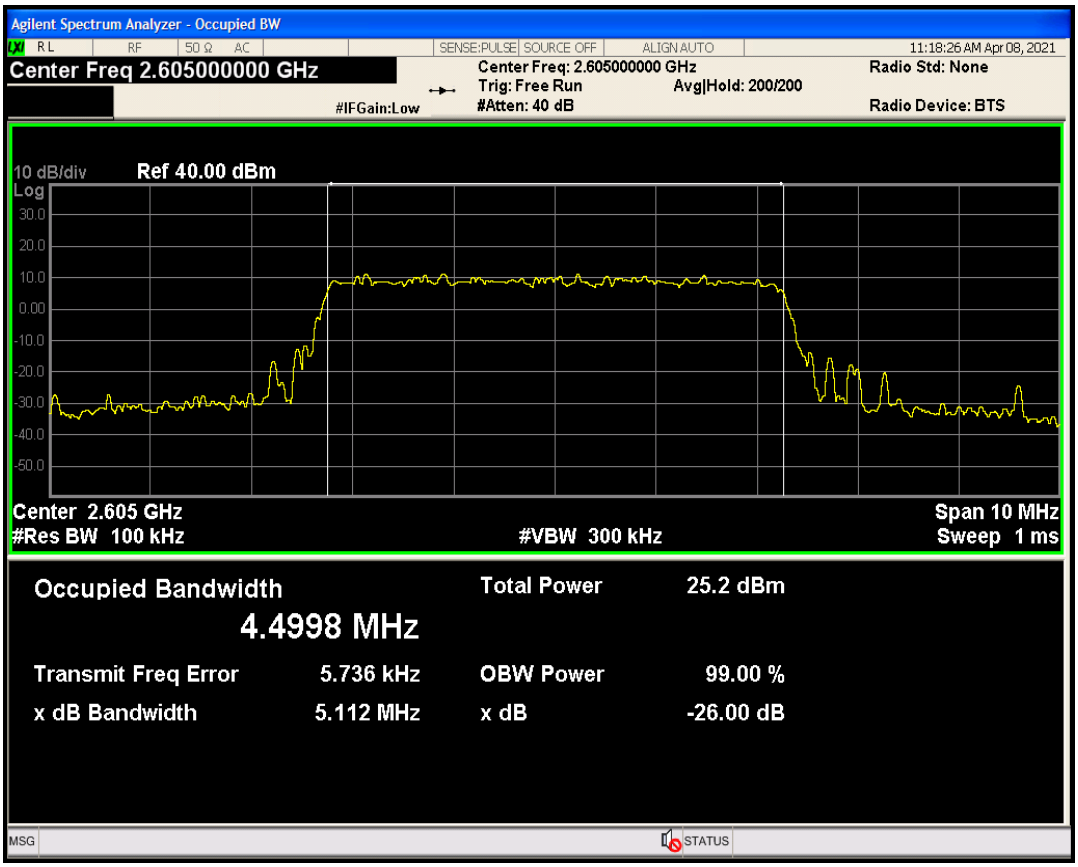
Band38 QAM16 BW=20MHz Channel=38000 RB Size=100 Position=#0



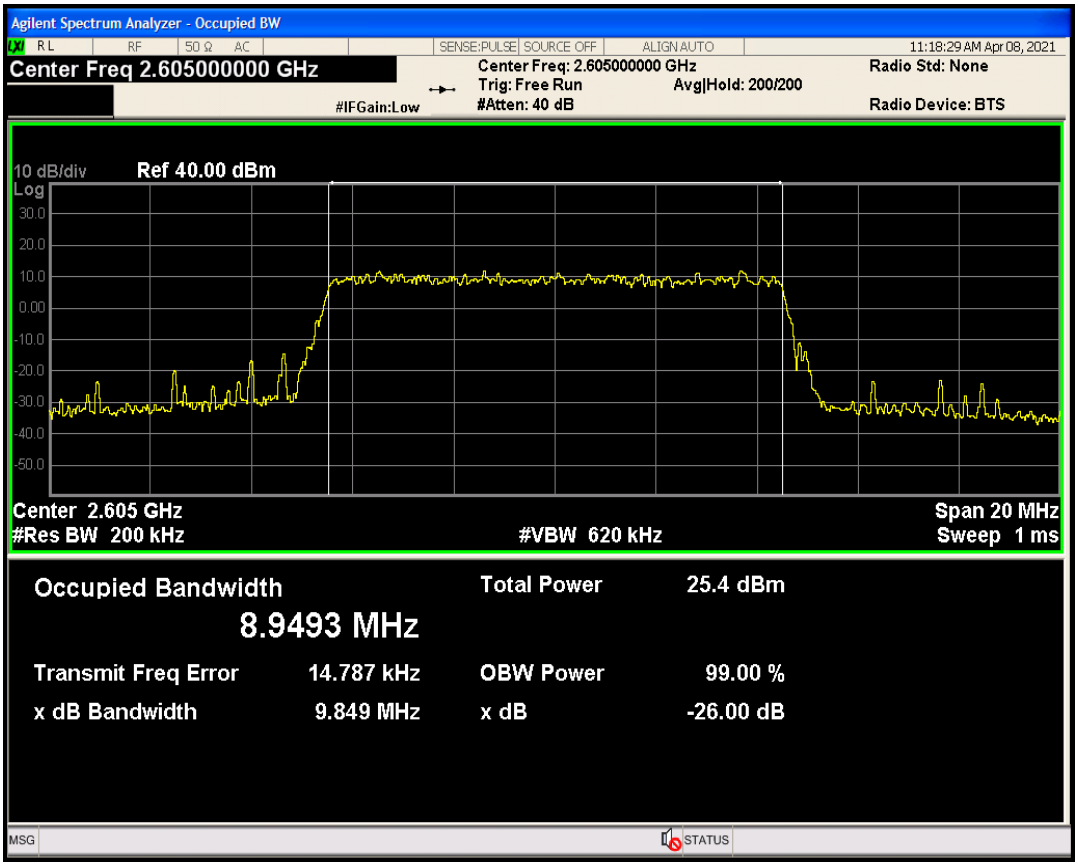
Band41a QPSK BW=5MHz Channel=40740 RB Size=25 Position=#0



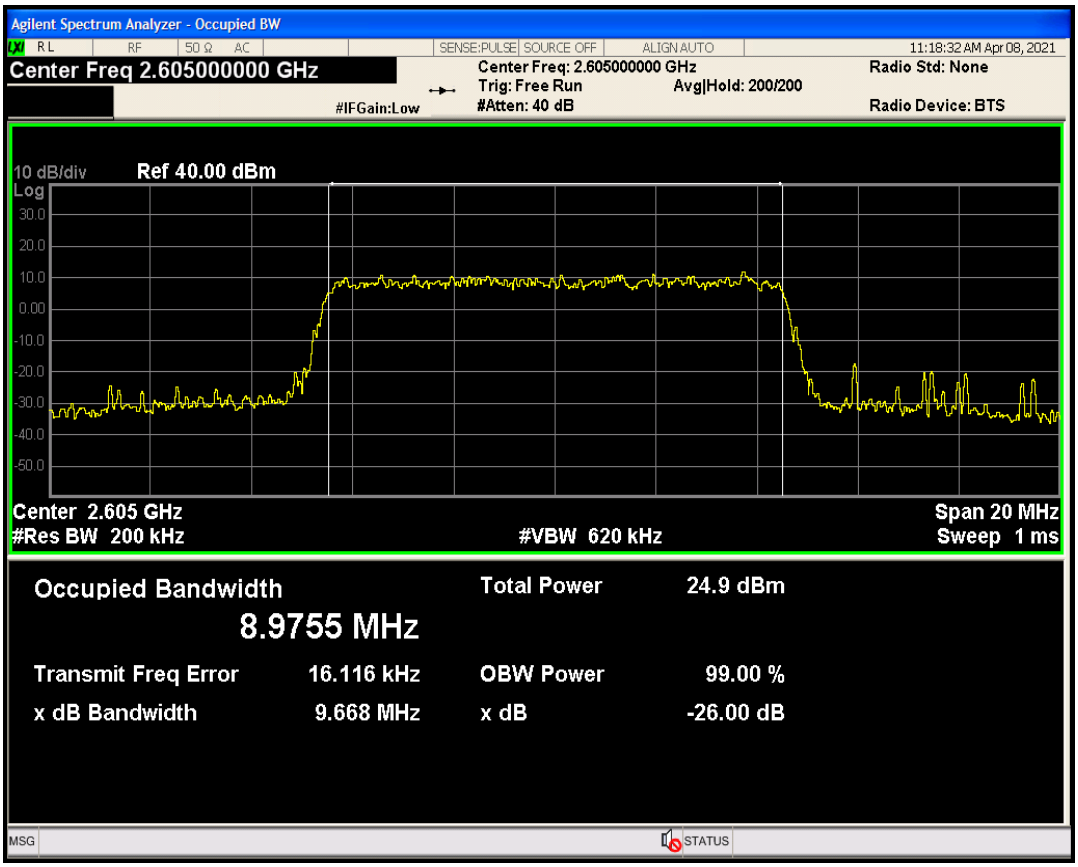
Band41a QAM16 BW=5MHz Channel=40740 RB Size=25 Position=#0



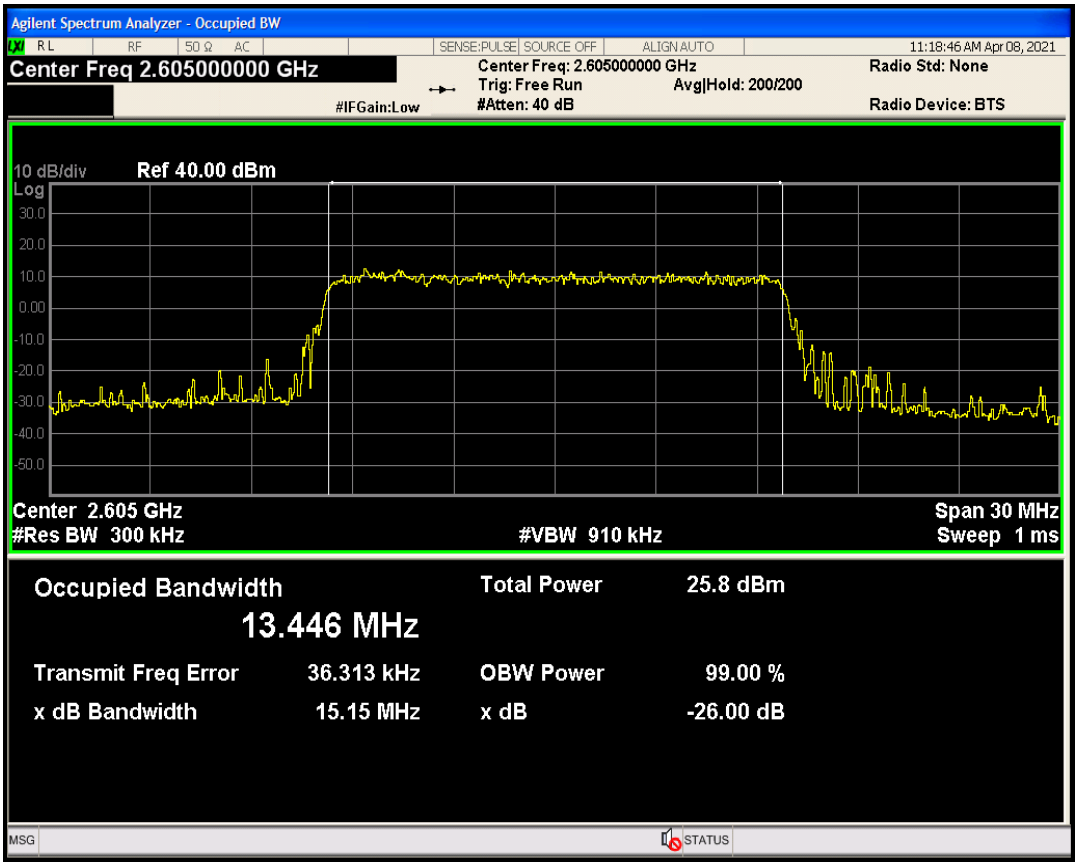
Band41a QPSK BW=10MHz Channel=40740 RB Size=50 Position=#0



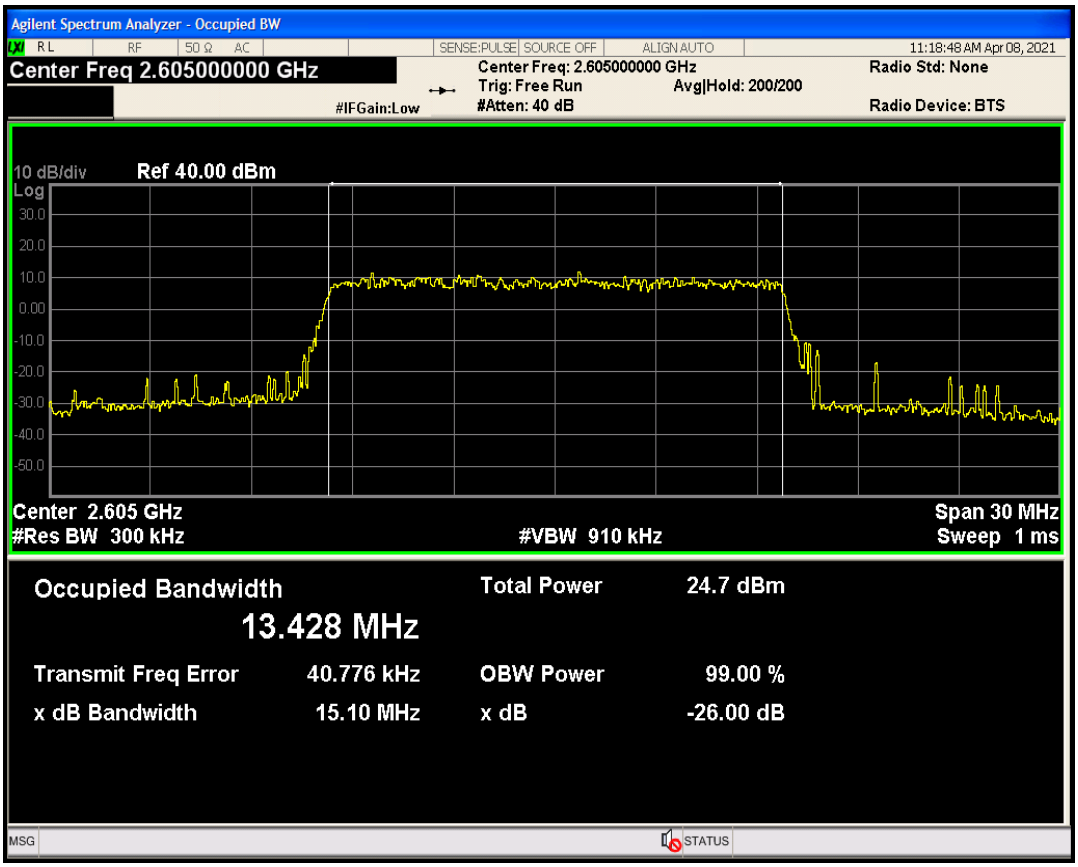
Band41a QAM16 BW=10MHz Channel=40740 RB Size=50 Position=#0



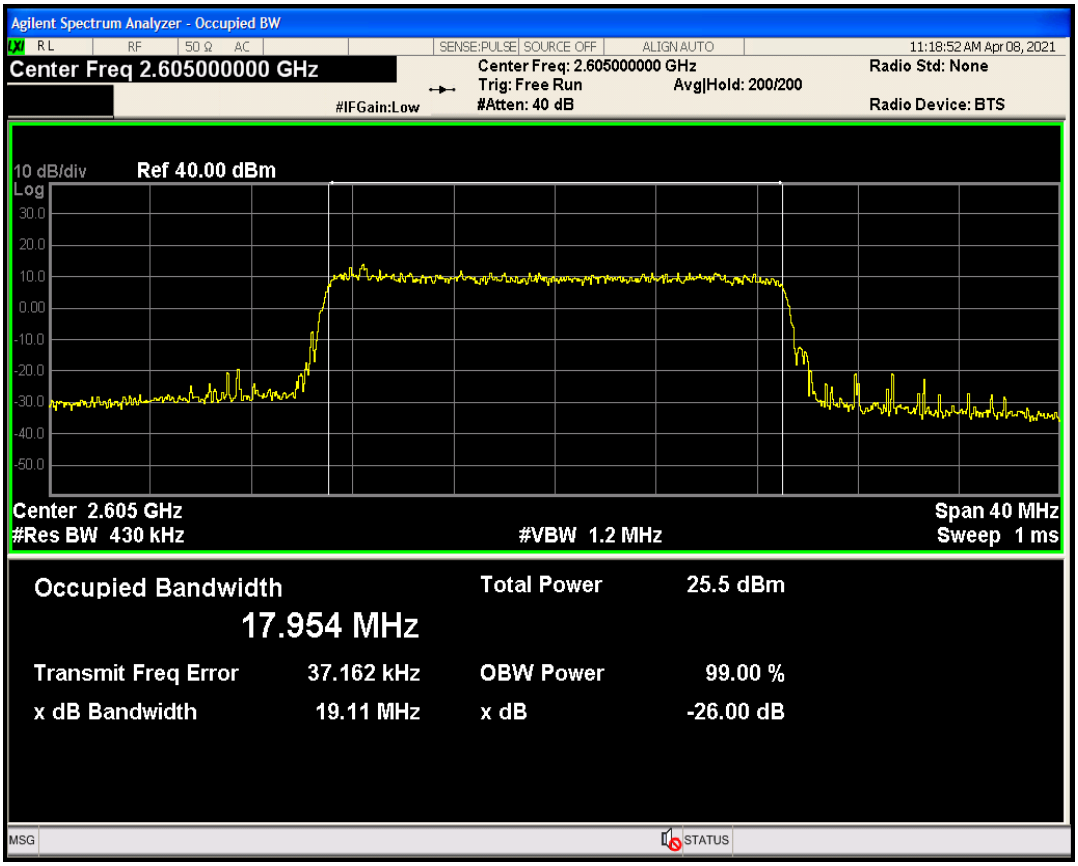
Band41a QPSK BW=15MHz Channel=40740 RB Size=75 Position=#0



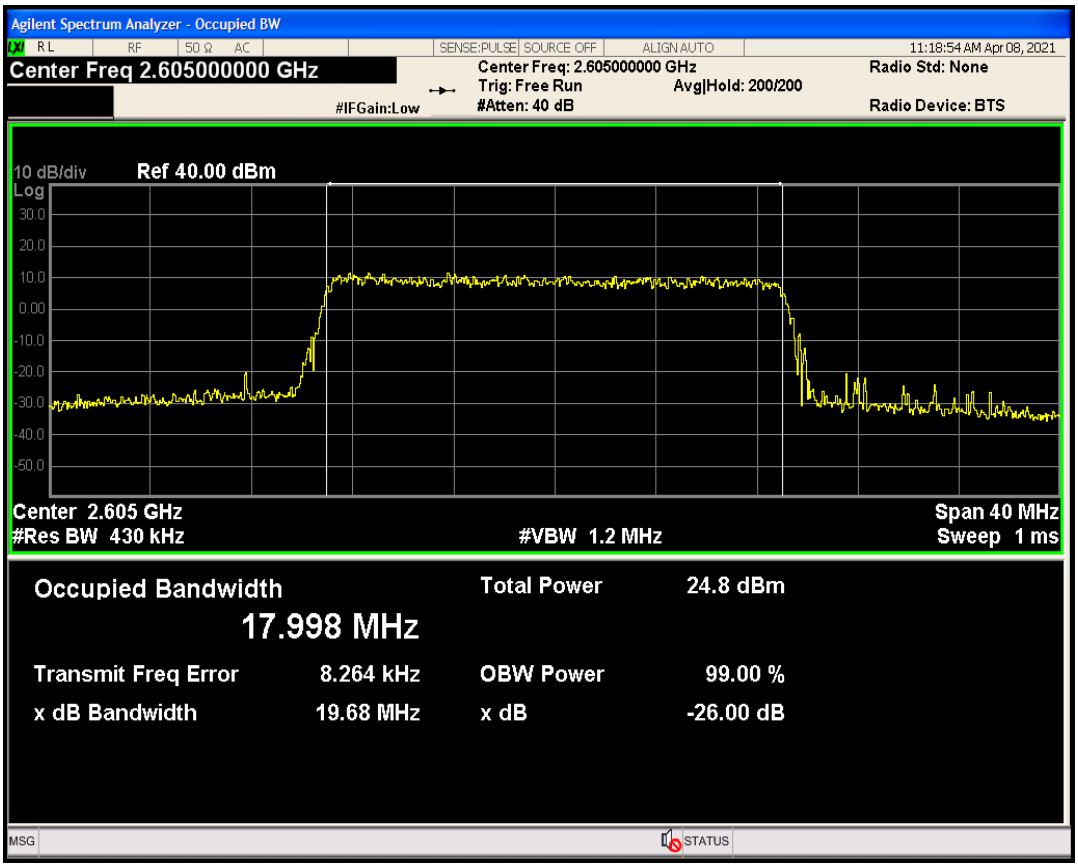
Band41a QAM16 BW=15MHz Channel=40740 RB Size=75 Position=#0



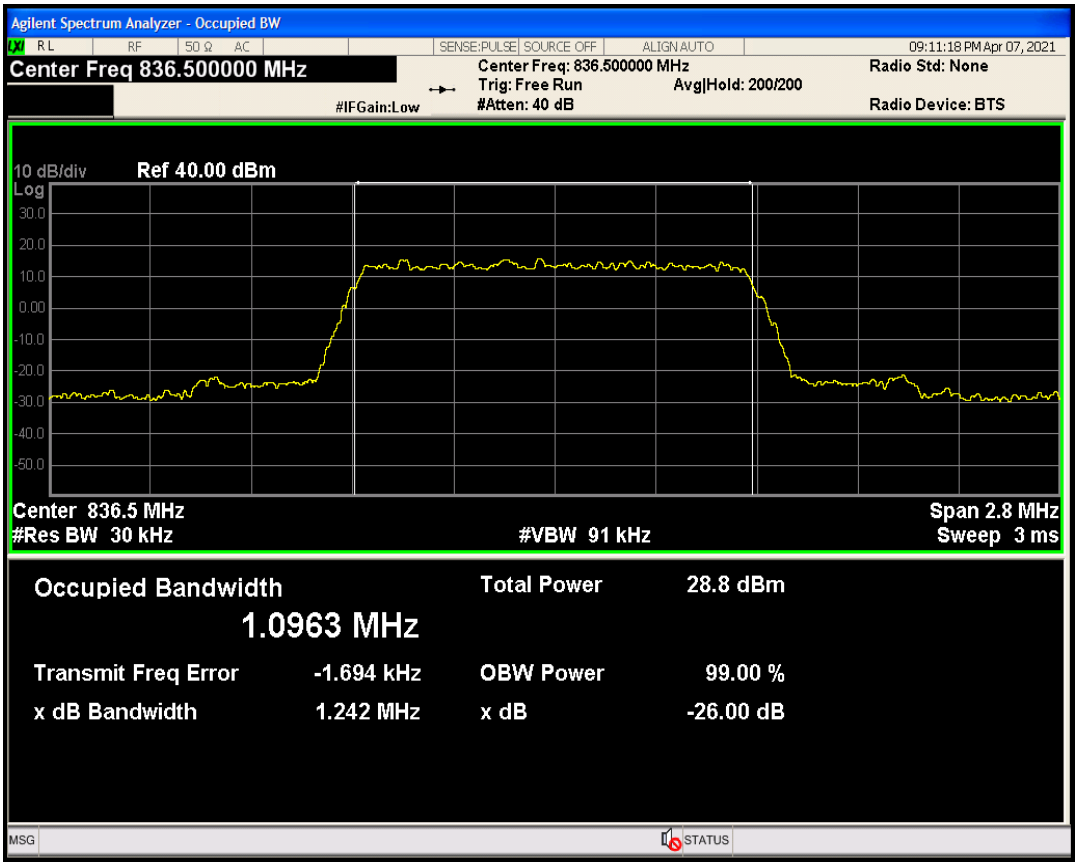
Band41a QPSK BW=20MHz Channel=40740 RB Size=100 Position=#0



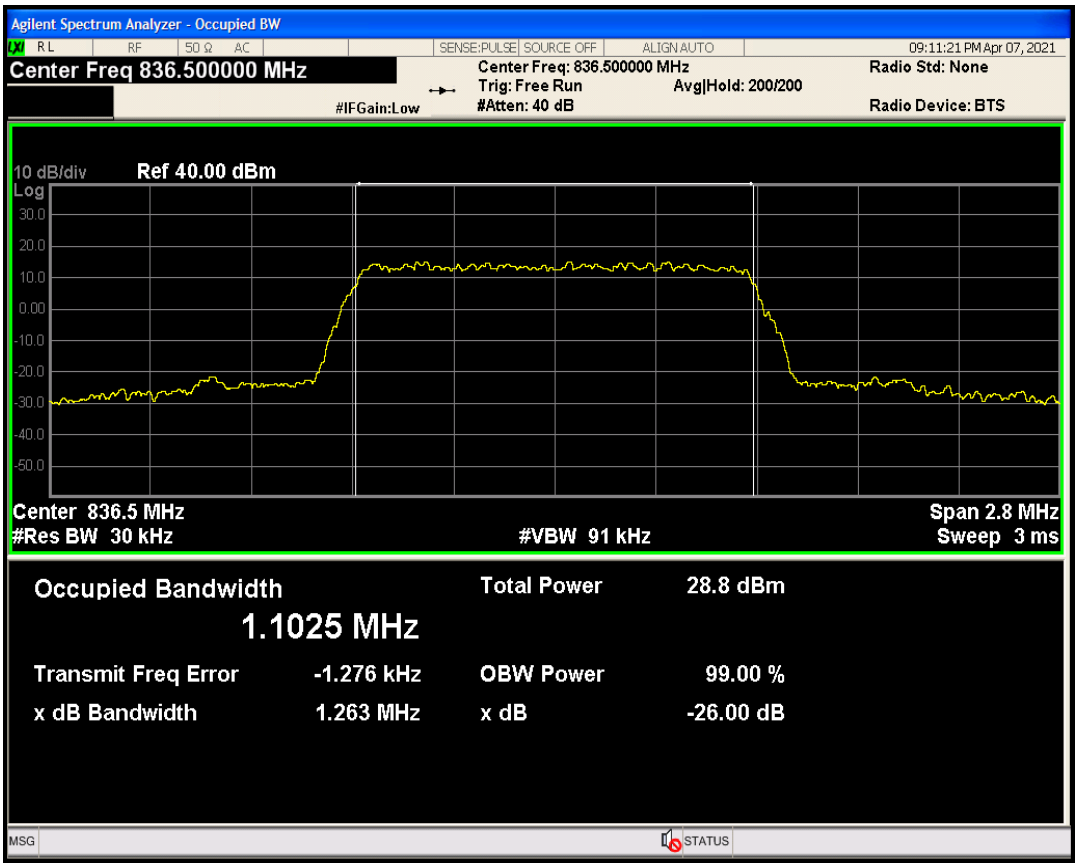
Band41a QAM16 BW=20MHz Channel=40740 RB Size=100 Position=#0



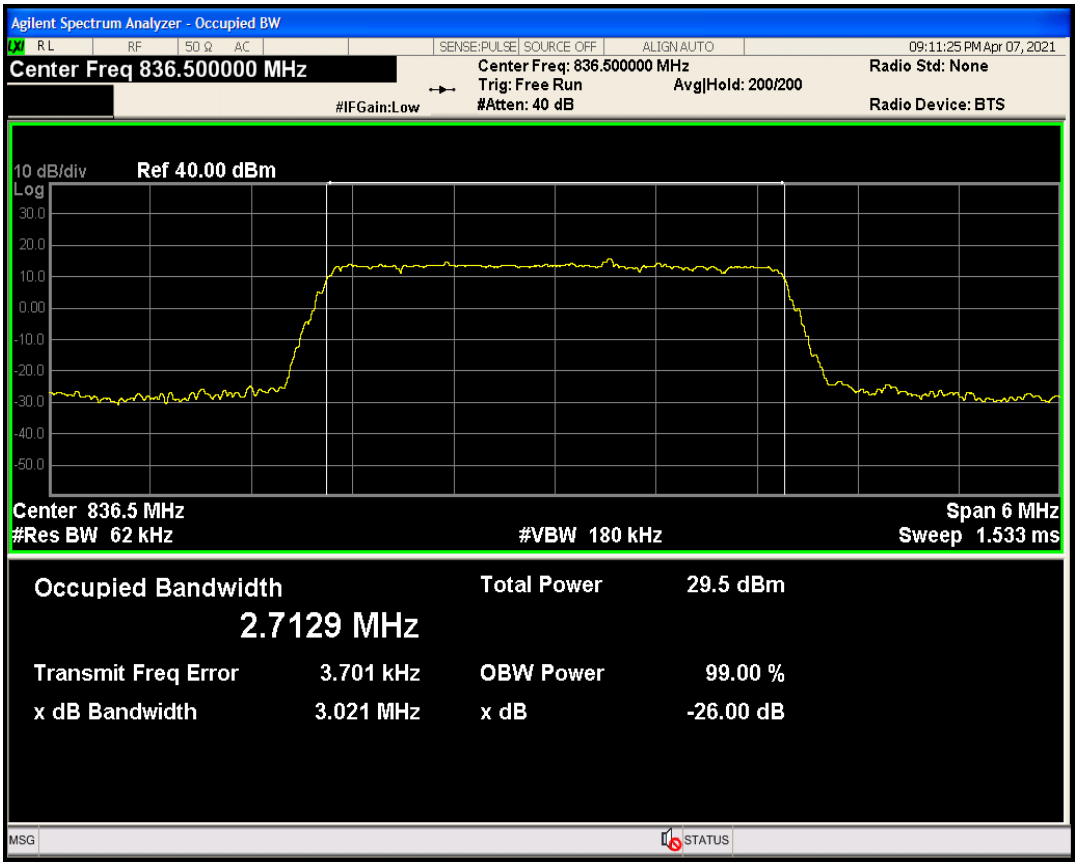
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



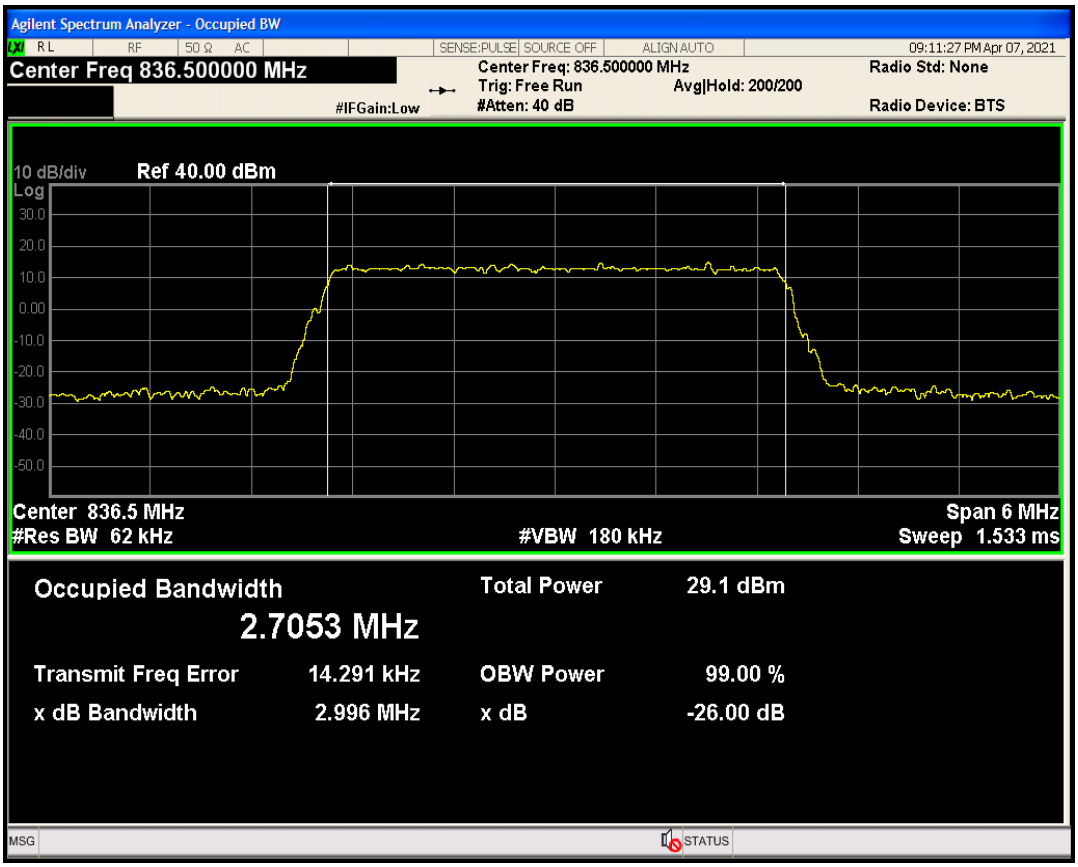
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=6 Position=#0



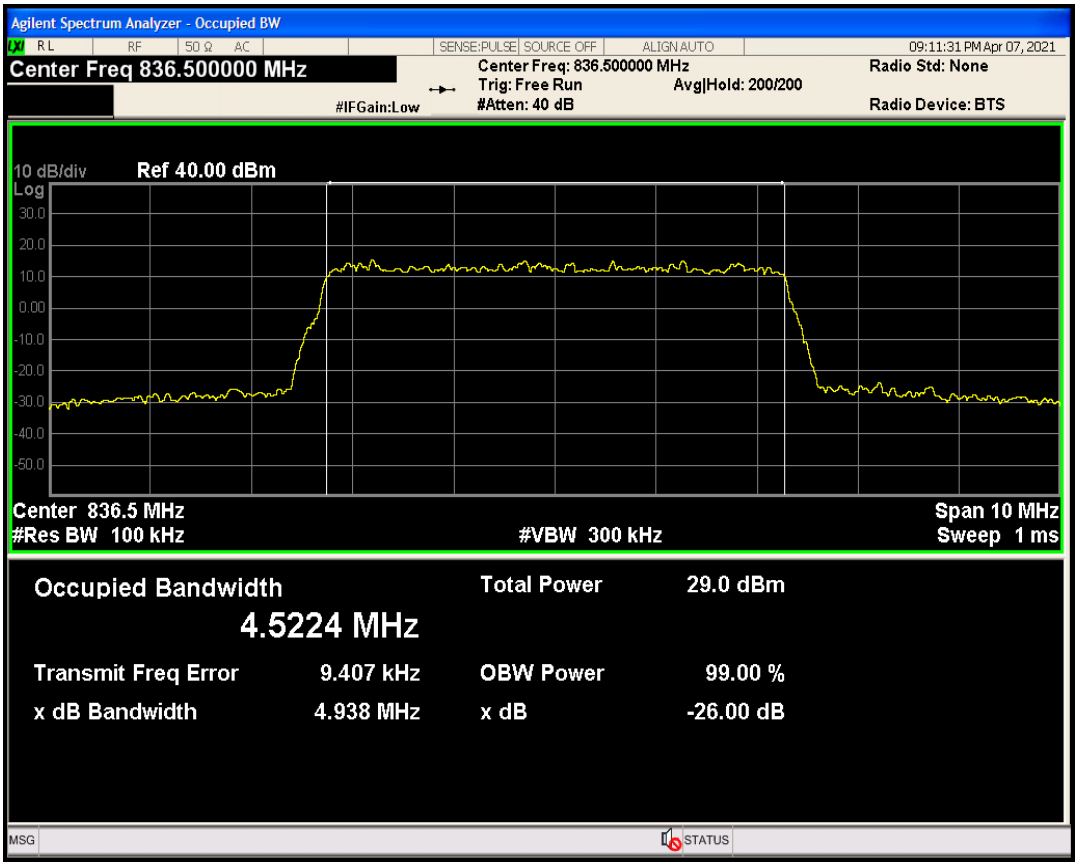
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



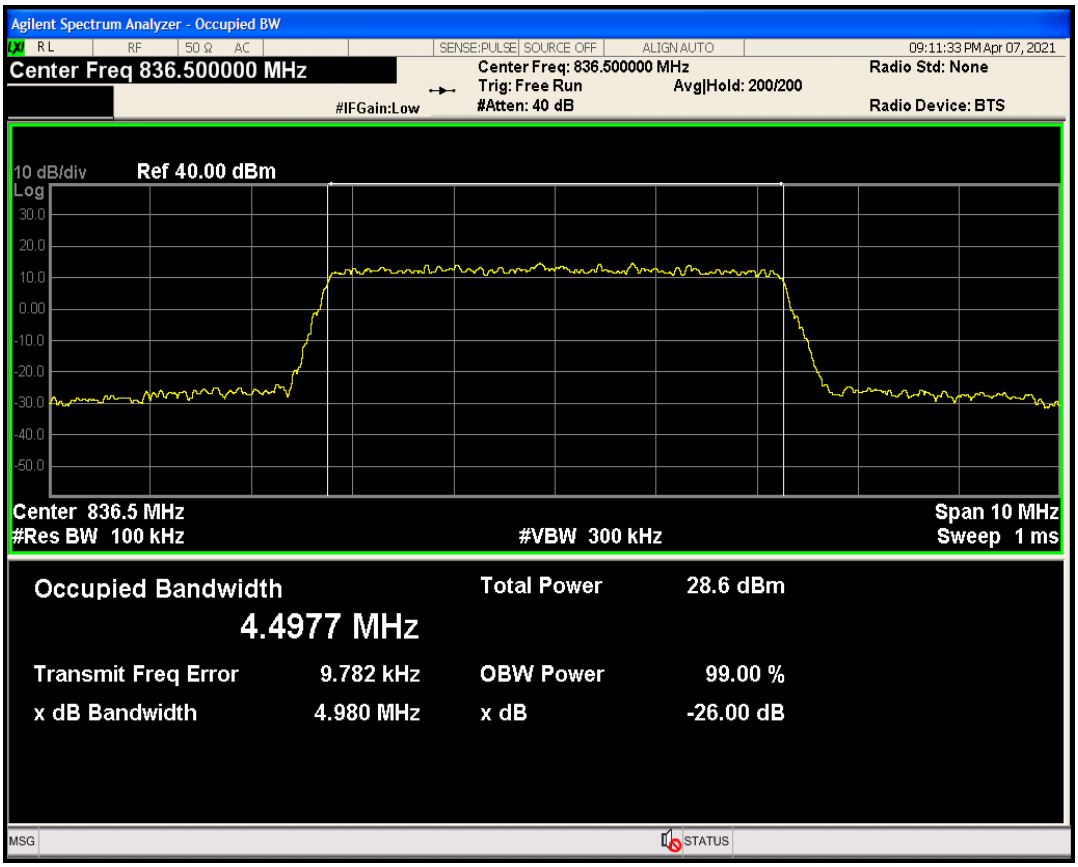
Band5 QAM16 BW=3MHz Channel=20525 RB Size=15 Position=#0



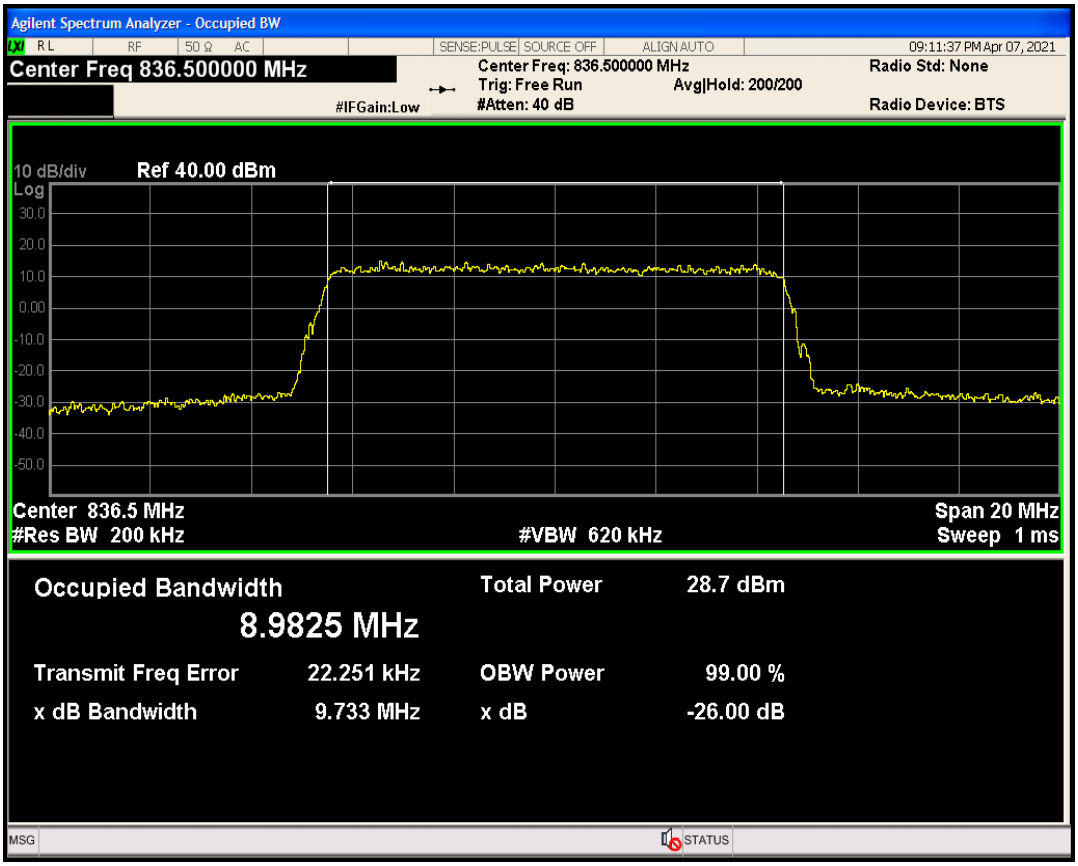
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



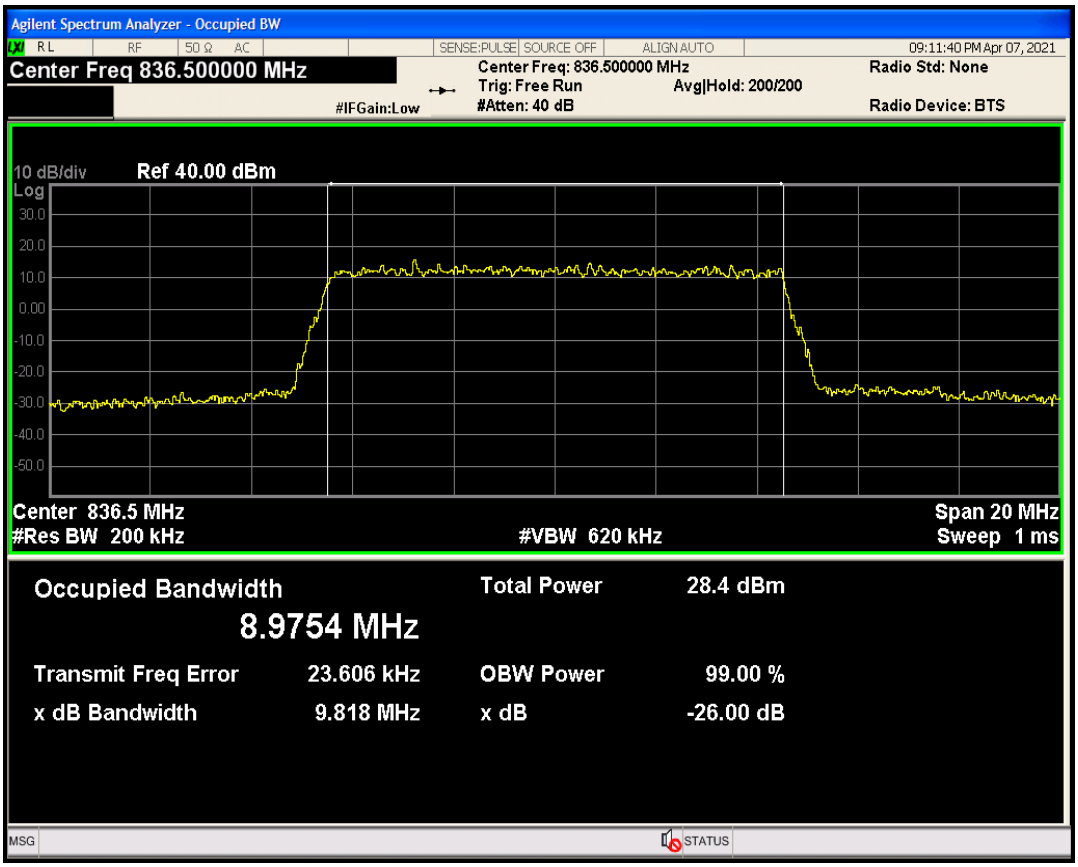
Band5 QAM16 BW=5MHz Channel=20525 RB Size=25 Position=#0



Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



Band5 QAM16 BW=10MHz Channel=20525 RB Size=50 Position=#0

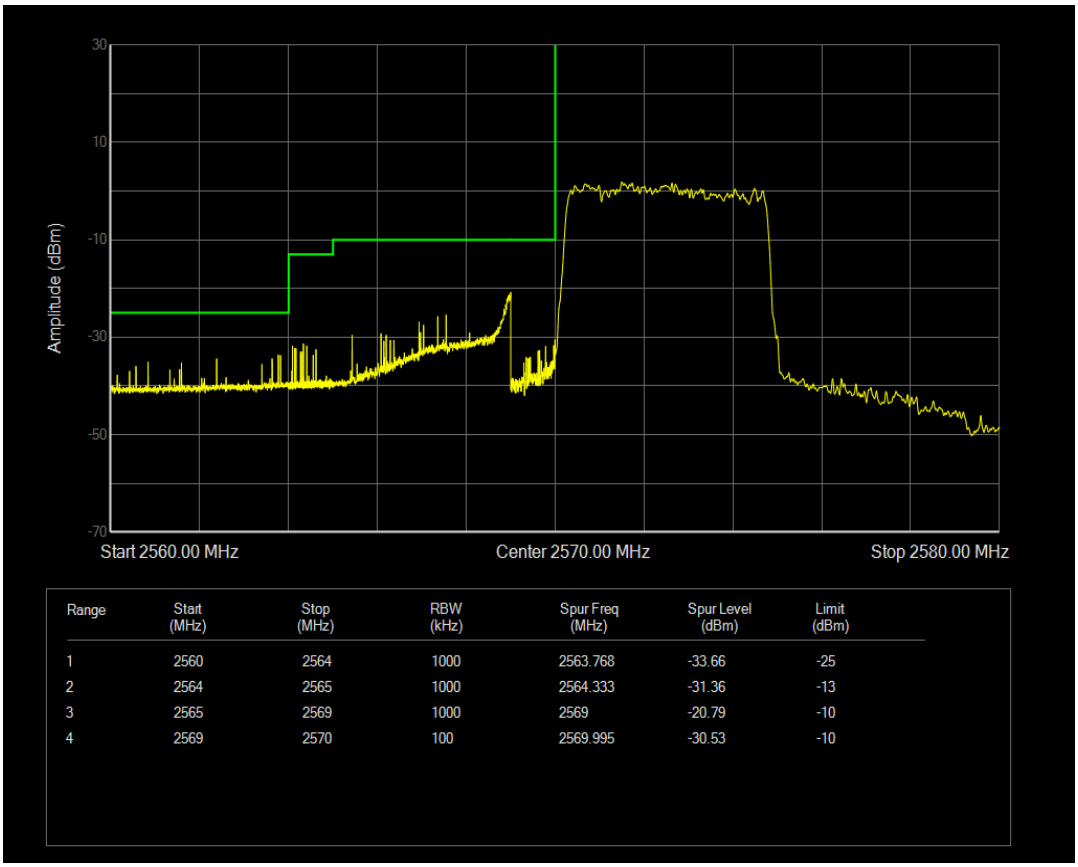


5 Band edge

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	2563.77	-33.66	-25	PASS
Band38	5	37775	25	#0	QAM16	2563.68	-35.28	-25	PASS
Band38	5	38225	25	#0	QPSK	2621.00	-20.87	-10	PASS
Band38	5	38225	25	#0	QAM16	2626.26	-36.08	-25	PASS
Band38	10	37800	50	#0	QPSK	2560.00	-37.50	-25	PASS
Band38	10	37800	50	#0	QAM16	2559.35	-38.02	-25	PASS
Band38	10	38200	50	#0	QPSK	2631.00	-37.49	-25	PASS
Band38	10	38200	50	#0	QAM16	2631.09	-38.29	-25	PASS
Band38	15	37825	75	#0	QPSK	2554.90	-39.63	-25	PASS
Band38	15	37825	75	#0	QAM16	2554.43	-38.14	-25	PASS
Band38	15	38175	75	#0	QPSK	2635.60	-37.71	-25	PASS
Band38	15	38175	75	#0	QAM16	2637.24	-36.12	-25	PASS
Band38	20	37850	100	#0	QPSK	2549.76	-39.41	-25	PASS
Band38	20	37850	100	#0	QAM16	2546.97	-39.58	-25	PASS
Band38	20	38150	100	#0	QPSK	2640.27	-38.96	-25	PASS
Band38	20	38150	100	#0	QAM16	2642.49	-39.28	-25	PASS
Band41a	5	40265	25	#0	QPSK	2548.40	-33.07	-25	PASS
Band41a	5	40265	25	#0	QAM16	2548.26	-35.11	-25	PASS
Band41a	5	41215	25	#0	QPSK	2656.05	-20.48	-10	PASS
Band41a	5	41215	25	#0	QAM16	2661.20	-35.73	-25	PASS

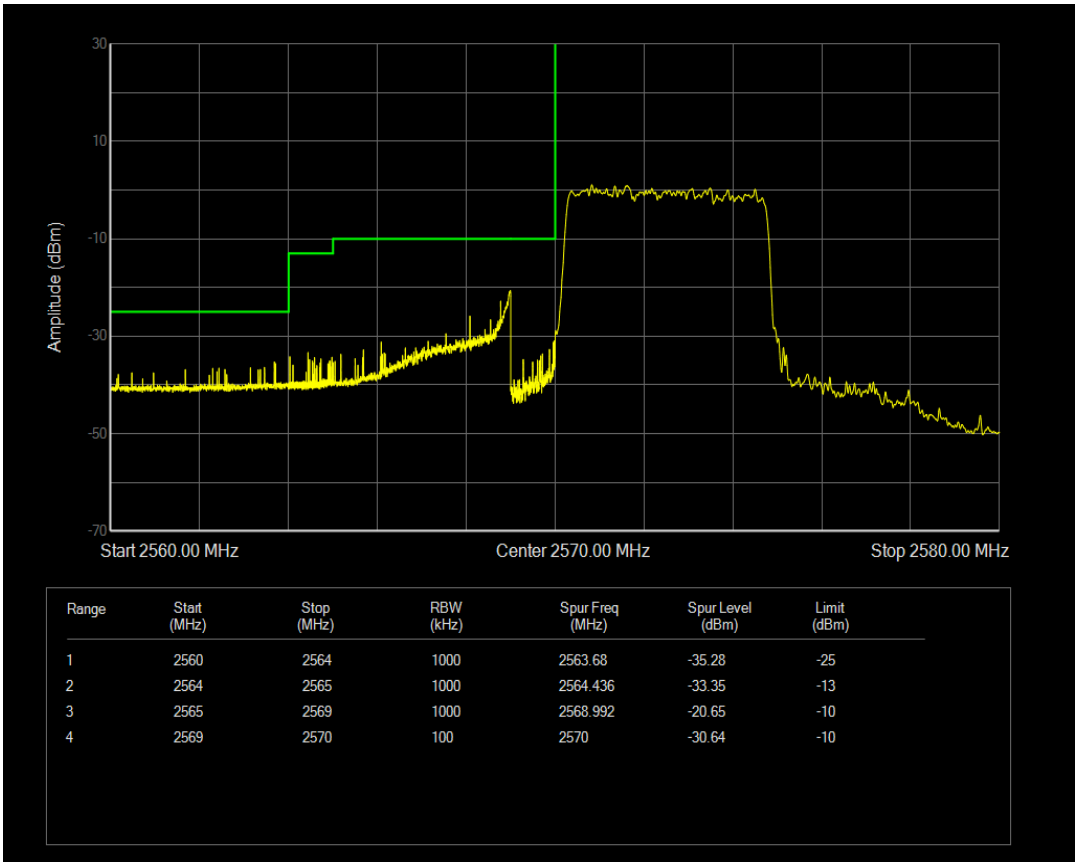
Band41a	10	40290	50	#0	QPSK	2543.15	-36.88	-25	PASS
Band41a	10	40290	50	#0	QAM16	2544.62	-37.16	-25	PASS
Band41a	10	41190	50	#0	QPSK	2665.23	-36.26	-25	PASS
Band41a	10	41190	50	#0	QAM16	2666.32	-37.62	-25	PASS
Band41a	15	40315	75	#0	QPSK	2538.67	-38.39	-25	PASS
Band41a	15	40315	75	#0	QAM16	2539.99	-38.99	-25	PASS
Band41a	15	41165	75	#0	QPSK	2670.47	-36.85	-25	PASS
Band41a	15	41165	75	#0	QAM16	2670.97	-37.44	-25	PASS
Band41a	20	40340	100	#0	QPSK	2534.28	-39.98	-25	PASS
Band41a	20	40340	100	#0	QAM16	2533.99	-39.82	-25	PASS
Band41a	20	41140	100	#0	QPSK	2675.66	-39.08	-25	PASS
Band41a	20	41140	100	#0	QAM16	2679.86	-39.31	-25	PASS
Band5	1.4	20407	6	#0	QPSK	823.99	-34.76	-13	PASS
Band5	1.4	20407	6	#0	QAM16	823.96	-34.33	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.37	-33.32	-13	PASS
Band5	1.4	20643	6	#0	QAM16	849.10	-34.97	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-26.00	-13	PASS
Band5	3	20415	15	#0	QAM16	824.00	-26.30	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-25.92	-13	PASS
Band5	3	20635	15	#0	QAM16	849.01	-26.28	-13	PASS
Band5	5	20425	25	#0	QPSK	823.98	-32.15	-13	PASS
Band5	5	20425	25	#0	QAM16	824.00	-32.39	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-32.03	-13	PASS
Band5	5	20625	25	#0	QAM16	849.00	-32.10	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-33.14	-13	PASS
Band5	10	20450	50	#0	QAM16	824.00	-34.92	-13	PASS
Band5	10	20600	50	#0	QPSK	849.02	-33.29	-13	PASS
Band5	10	20600	50	#0	QAM16	849.00	-34.17	-13	PASS

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



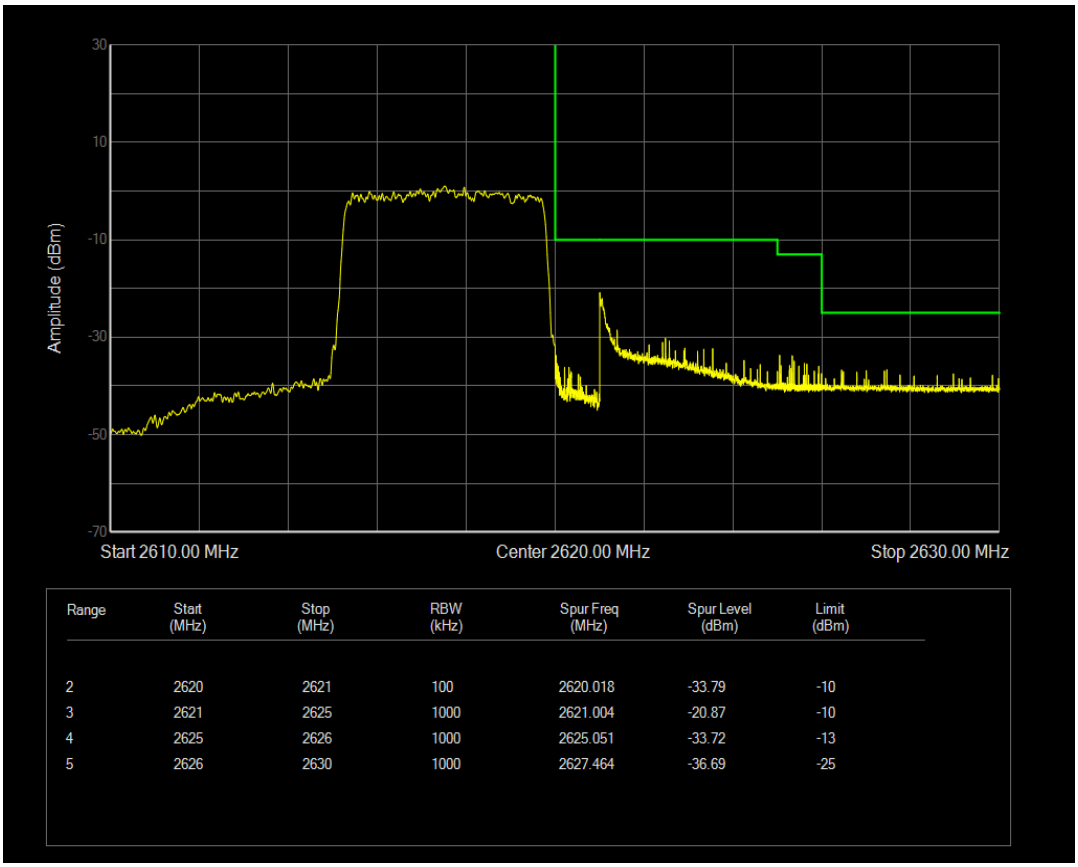
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2560	2564	1000	2563.768	-33.66	-25
2	2564	2565	1000	2564.333	-31.36	-13
3	2565	2569	1000	2569	-20.79	-10
4	2569	2570	100	2569.995	-30.53	-10

Band38 QAM16 BW=5MHz Channel=37775 RB Size=25 Position=#0



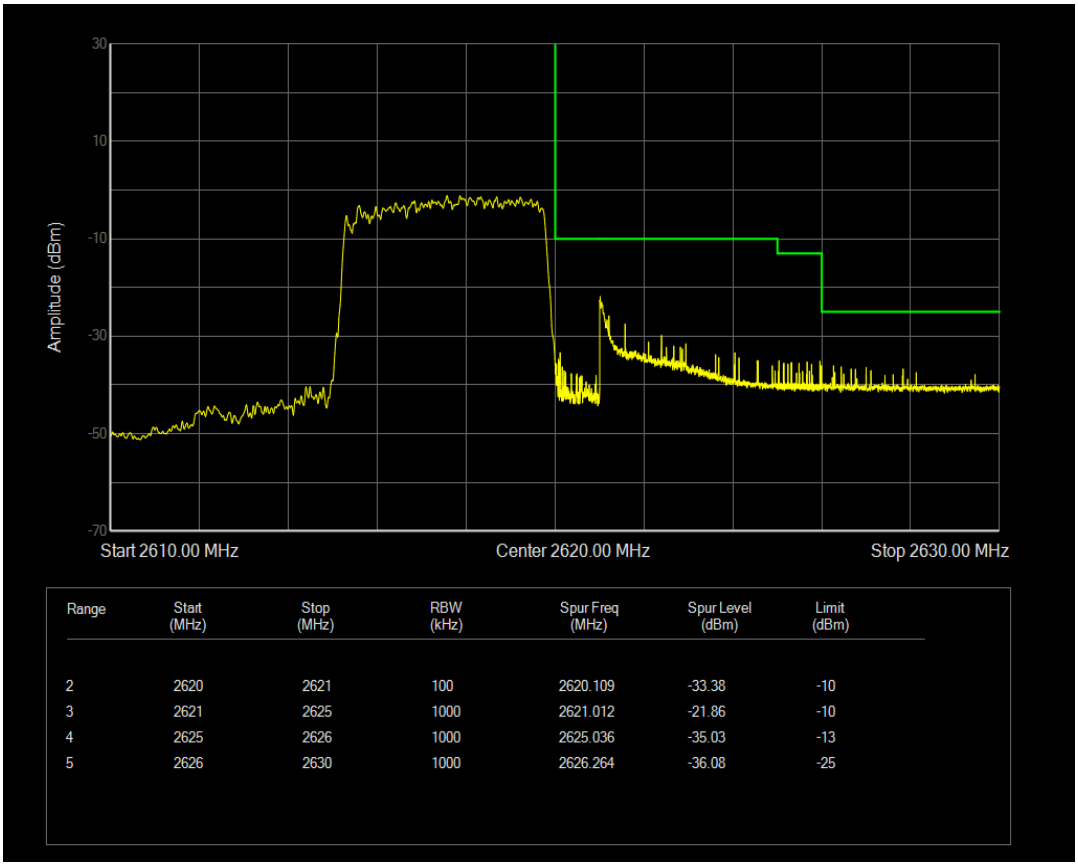
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2560	2564	1000	2563.68	-35.28	-25
2	2564	2565	1000	2564.436	-33.35	-13
3	2565	2569	1000	2568.992	-20.65	-10
4	2569	2570	100	2570	-30.64	-10

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



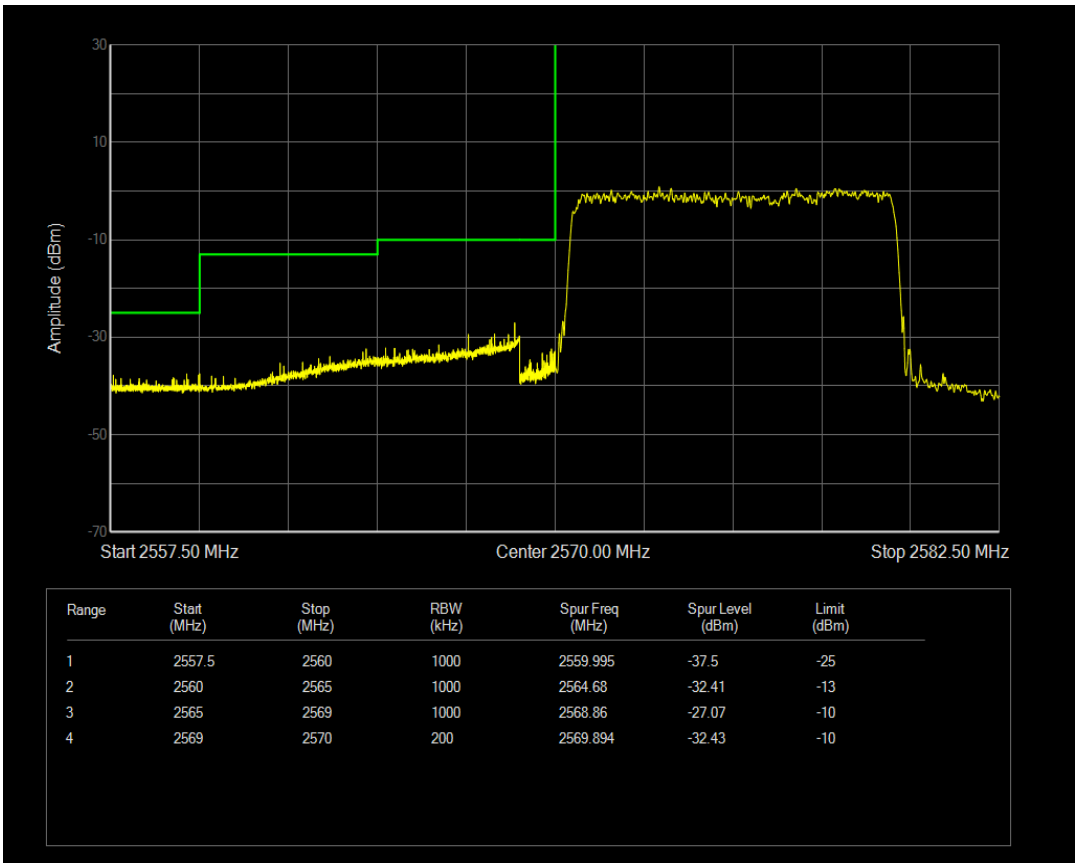
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	100	2620.018	-33.79	-10
3	2621	2625	1000	2621.004	-20.87	-10
4	2625	2626	1000	2625.051	-33.72	-13
5	2626	2630	1000	2627.464	-36.69	-25

Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0



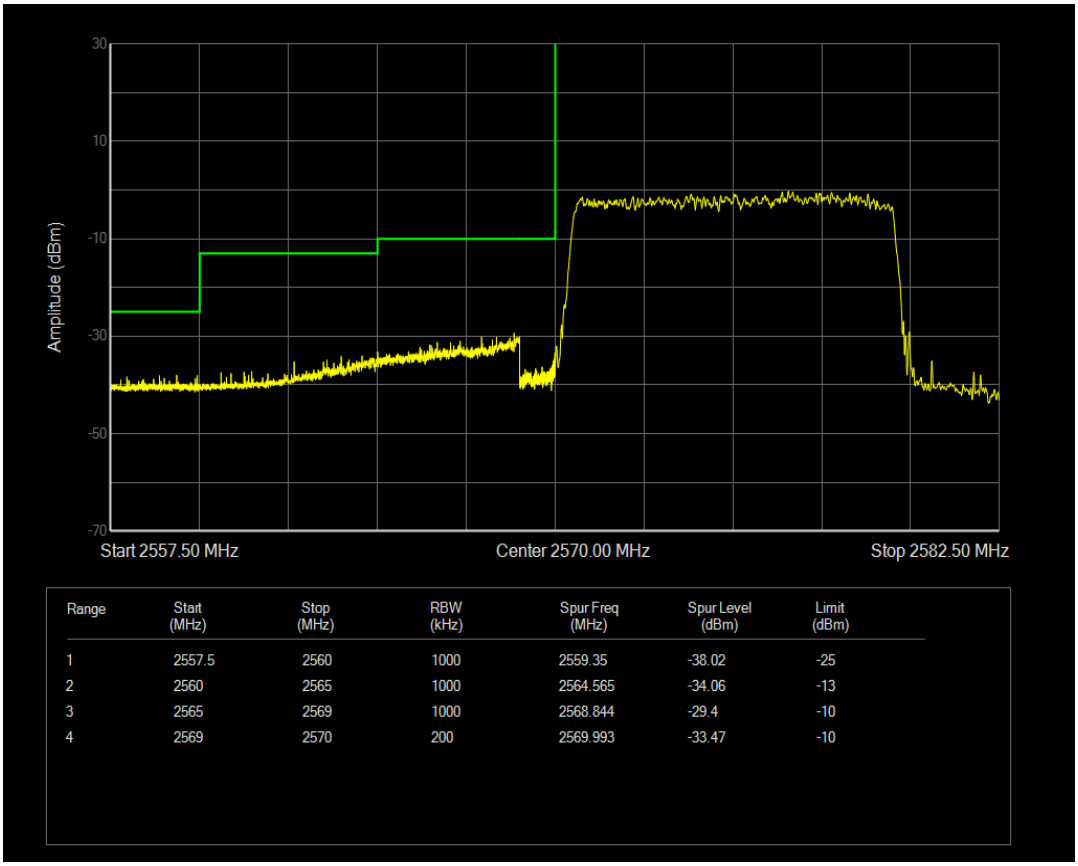
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	100	2620.109	-33.38	-10
3	2621	2625	1000	2621.012	-21.86	-10
4	2625	2626	1000	2625.036	-35.03	-13
5	2626	2630	1000	2626.264	-36.08	-25

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



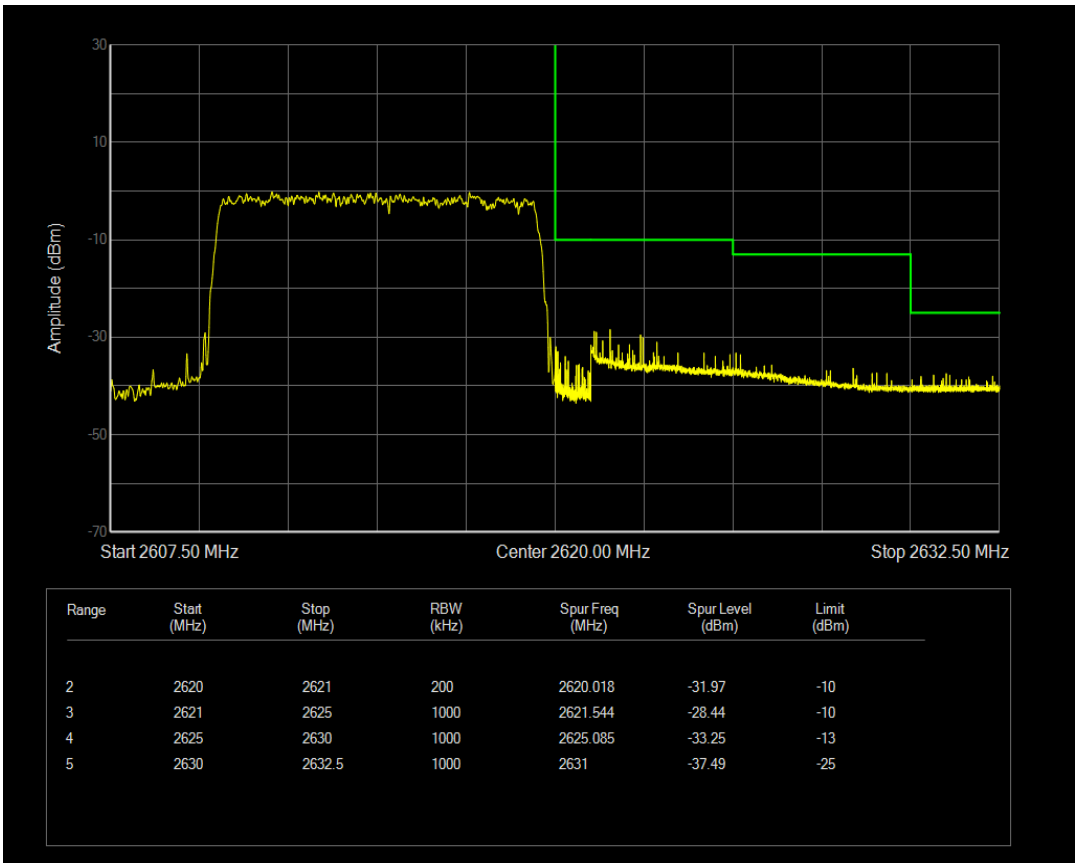
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2557.5	2560	1000	2559.995	-37.5	-25
2	2560	2565	1000	2564.68	-32.41	-13
3	2565	2569	1000	2568.86	-27.07	-10
4	2569	2570	200	2569.894	-32.43	-10

Band38 QAM16 BW=10MHz Channel=37800 RB Size=50 Position=#0



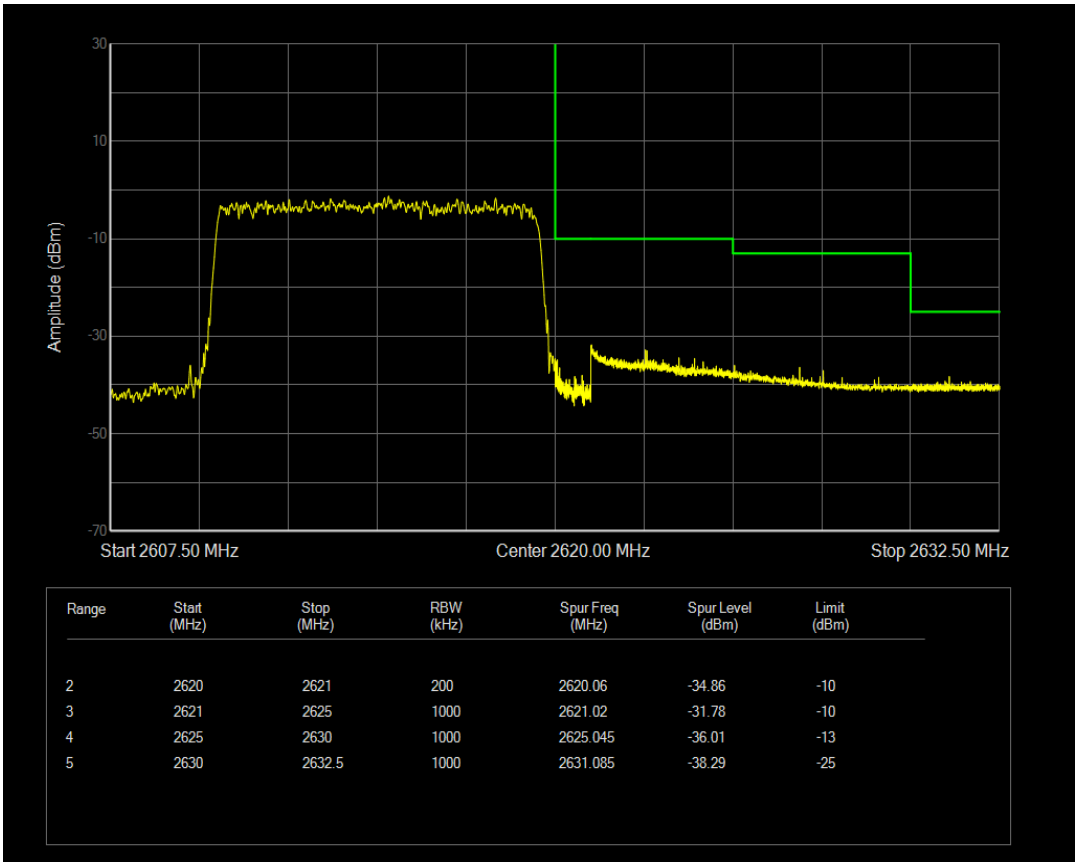
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2557.5	2560	1000	2559.35	-38.02	-25
2	2560	2565	1000	2564.565	-34.06	-13
3	2565	2569	1000	2568.844	-29.4	-10
4	2569	2570	200	2569.993	-33.47	-10

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



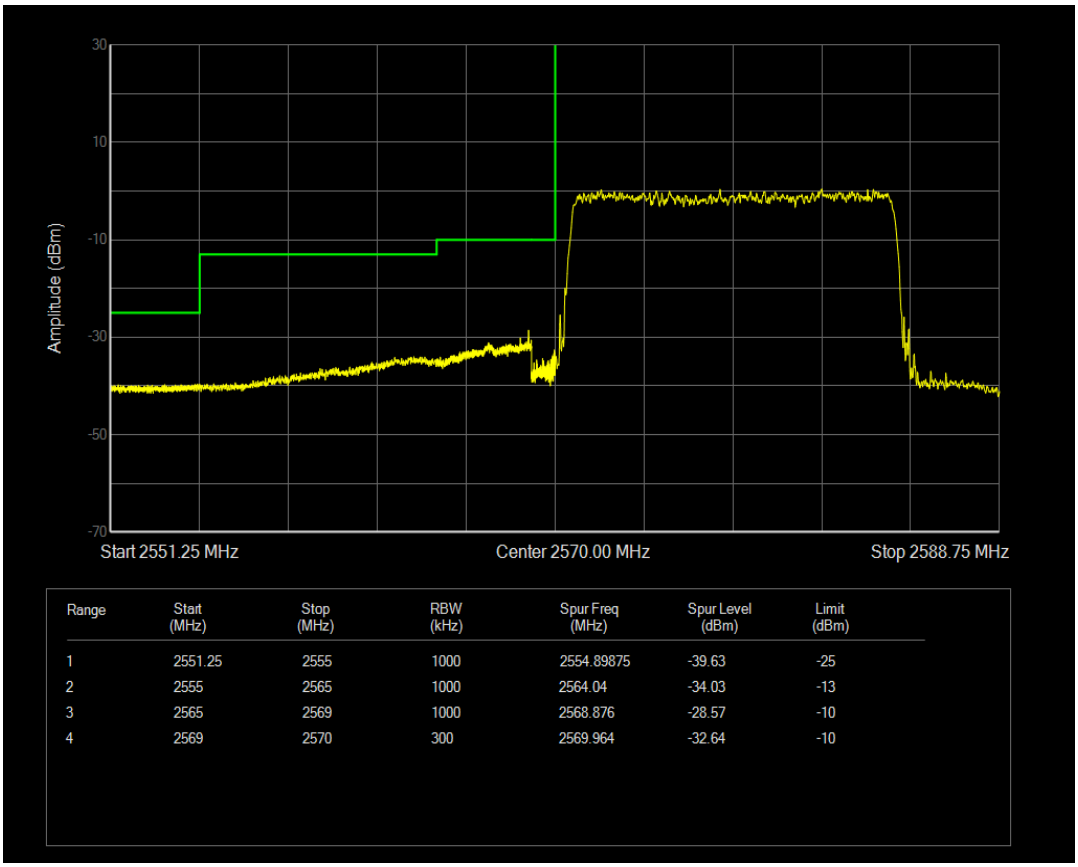
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	200	2620.018	-31.97	-10
3	2621	2625	1000	2621.544	-28.44	-10
4	2625	2630	1000	2625.085	-33.25	-13
5	2630	2632.5	1000	2631	-37.49	-25

Band38 QAM16 BW=10MHz Channel=38200 RB Size=50 Position=#0



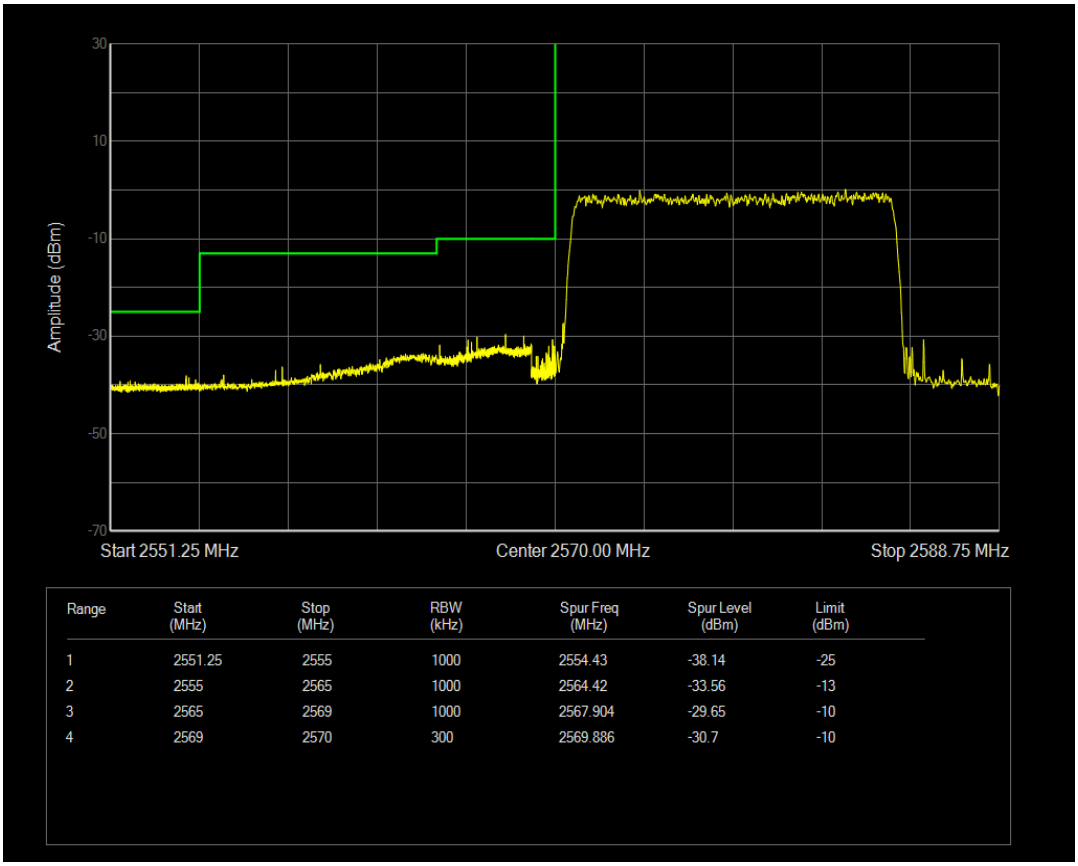
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	200	2620.06	-34.86	-10
3	2621	2625	1000	2621.02	-31.78	-10
4	2625	2630	1000	2625.045	-36.01	-13
5	2630	2632.5	1000	2631.085	-38.29	-25

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



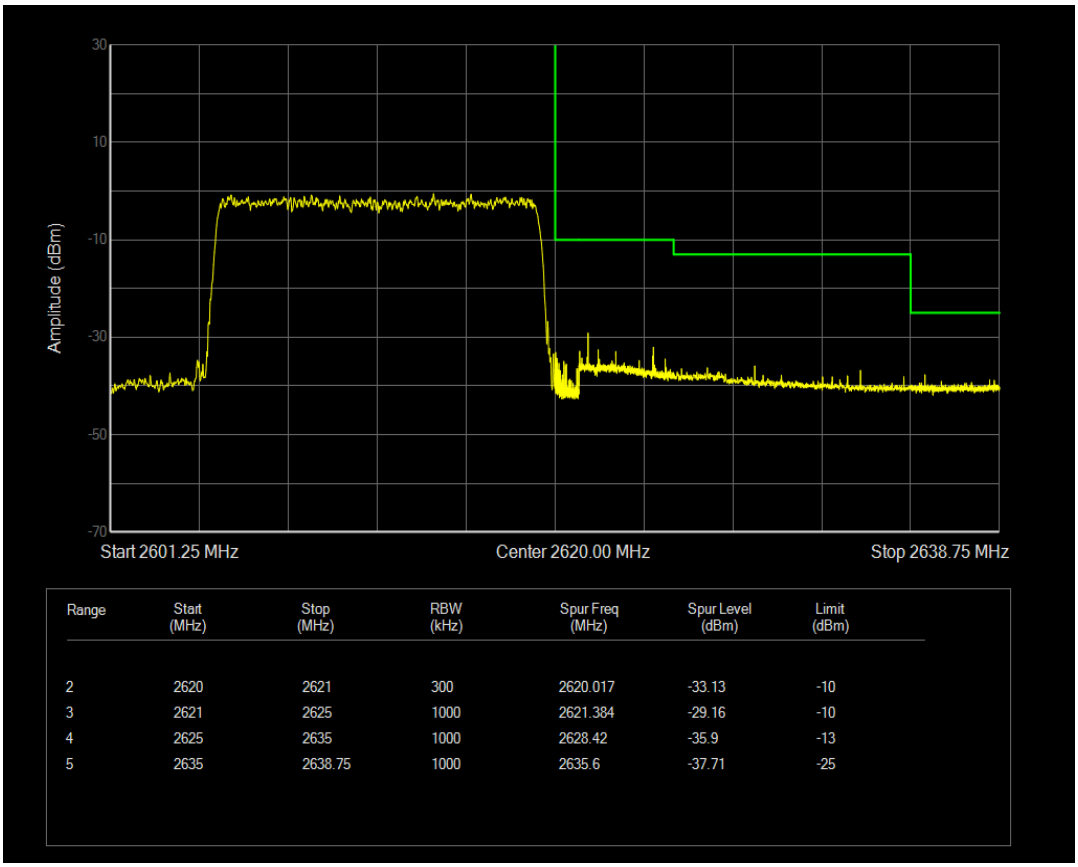
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2551.25	2555	1000	2554.89875	-39.63	-25
2	2555	2565	1000	2564.04	-34.03	-13
3	2565	2569	1000	2568.876	-28.57	-10
4	2569	2570	300	2569.964	-32.64	-10

Band38 QAM16 BW=15MHz Channel=37825 RB Size=75 Position=#0



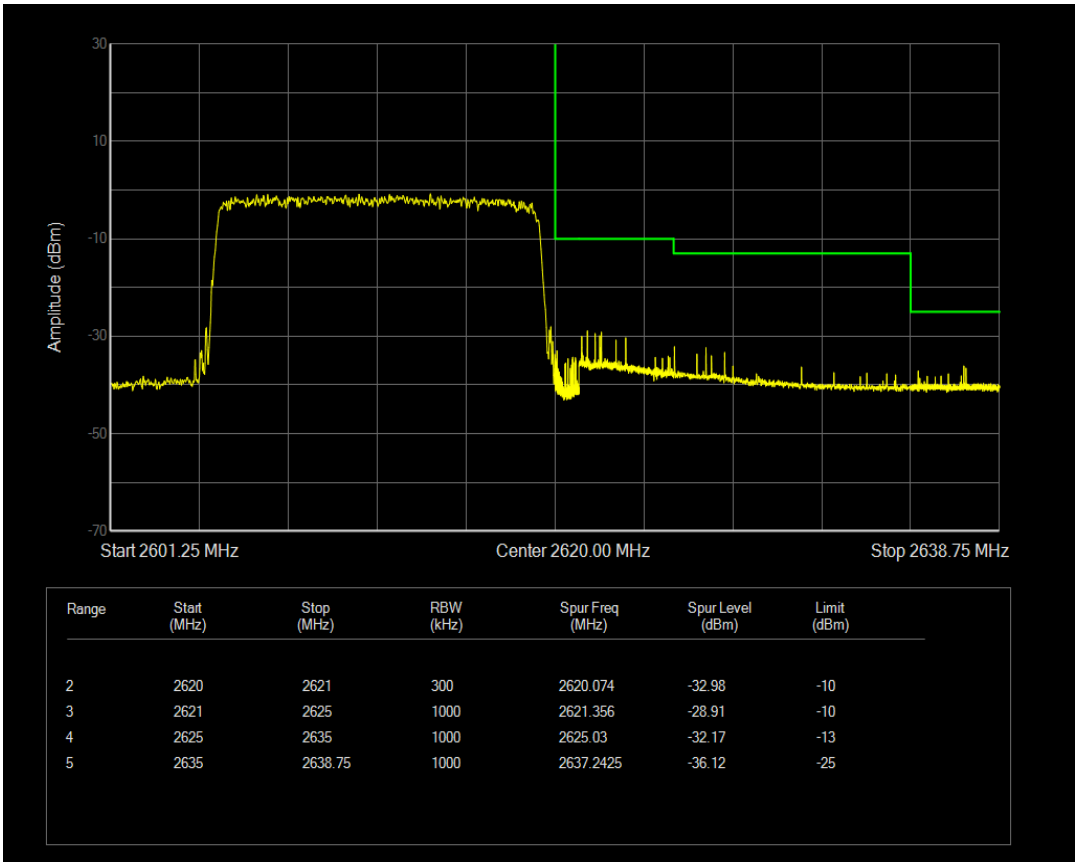
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2551.25	2555	1000	2554.43	-38.14	-25
2	2555	2565	1000	2564.42	-33.56	-13
3	2565	2569	1000	2567.904	-29.65	-10
4	2569	2570	300	2569.886	-30.7	-10

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



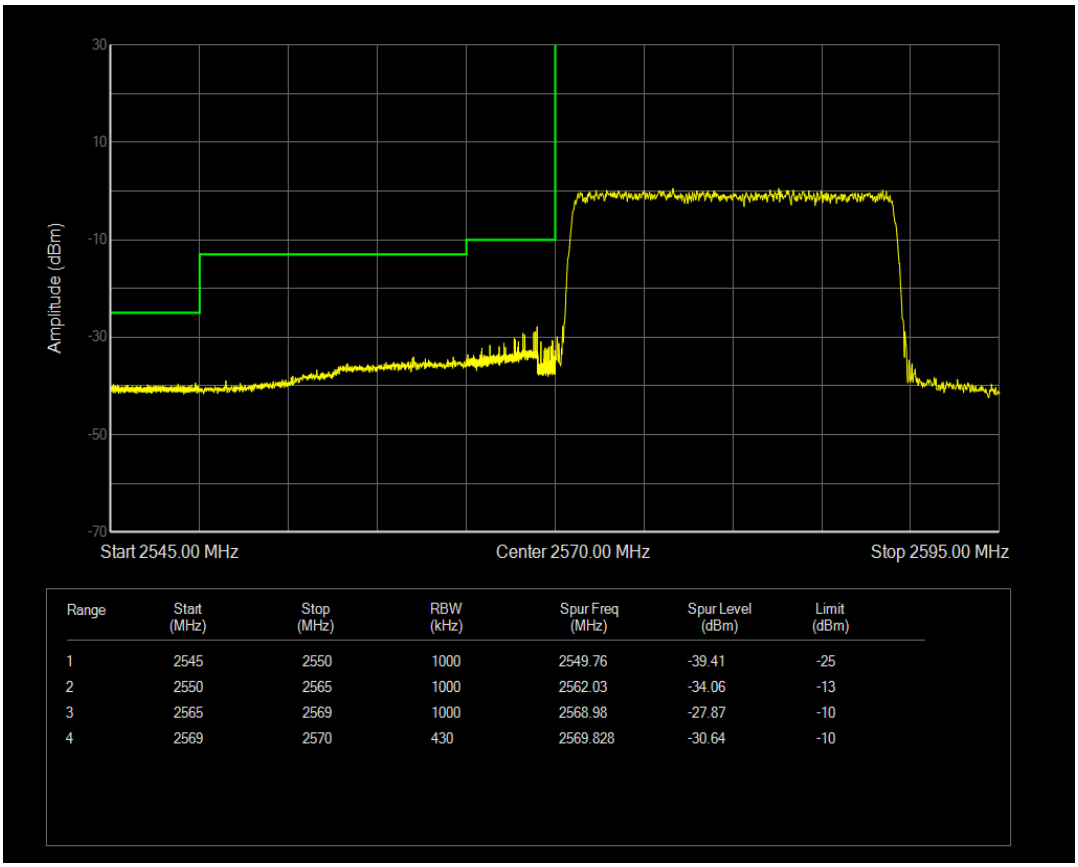
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	300	2620.017	-33.13	-10
3	2621	2625	1000	2621.384	-29.16	-10
4	2625	2635	1000	2628.42	-35.9	-13
5	2635	2638.75	1000	2635.6	-37.71	-25

Band38 QAM16 BW=15MHz Channel=38175 RB Size=75 Position=#0



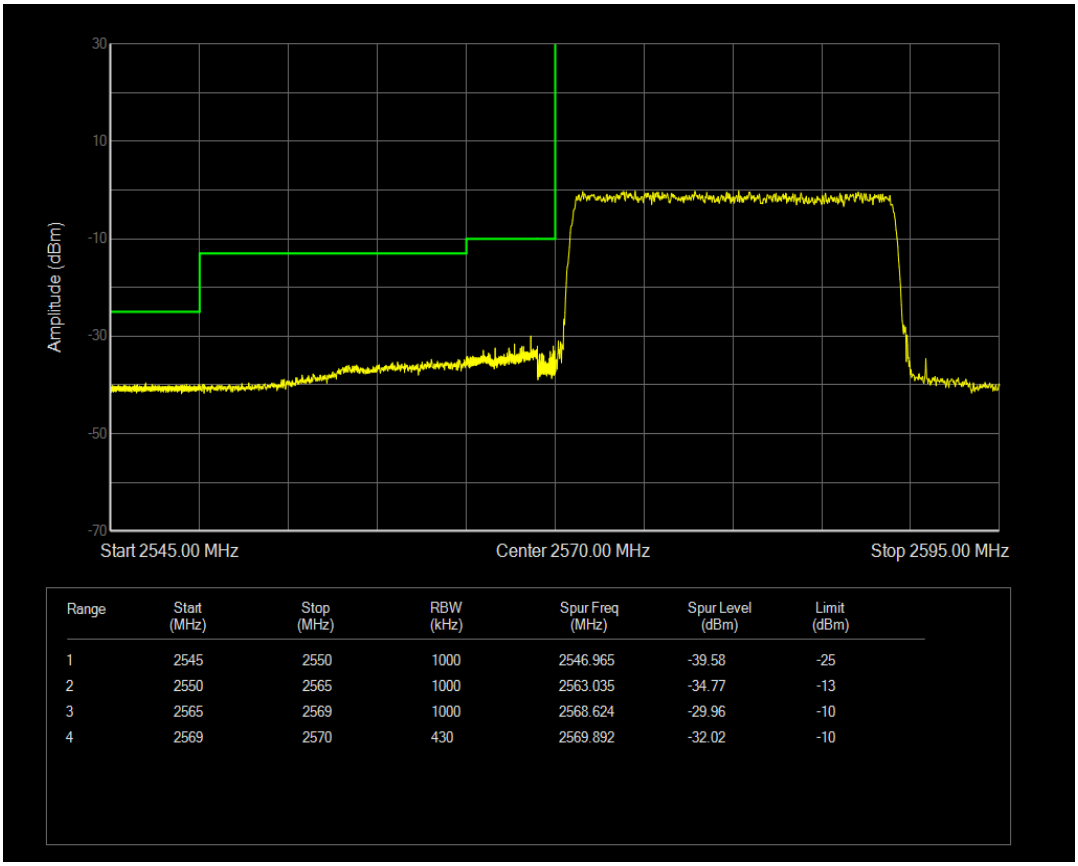
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	300	2620.074	-32.98	-10
3	2621	2625	1000	2621.356	-28.91	-10
4	2625	2635	1000	2625.03	-32.17	-13
5	2635	2638.75	1000	2637.2425	-36.12	-25

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



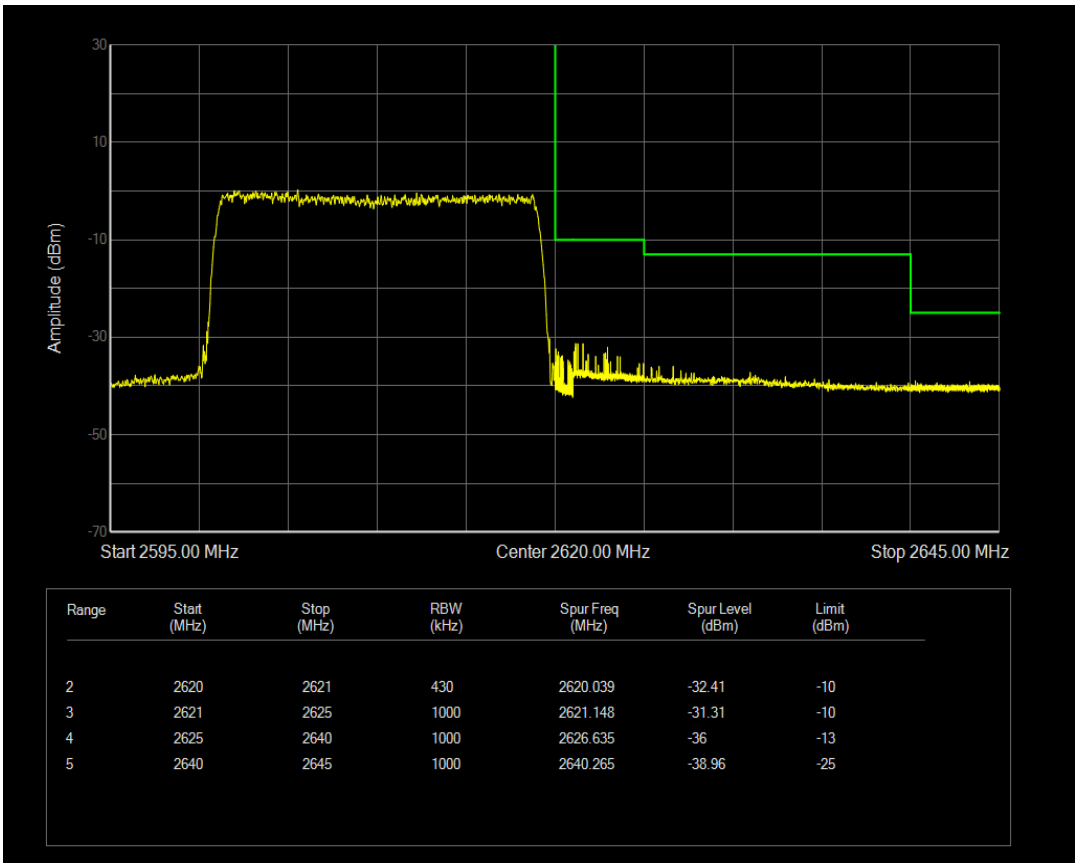
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2550	1000	2549.76	-39.41	-25
2	2550	2565	1000	2562.03	-34.06	-13
3	2565	2569	1000	2568.98	-27.87	-10
4	2569	2570	430	2569.828	-30.64	-10

Band38 QAM16 BW=20MHz Channel=37850 RB Size=100 Position=#0



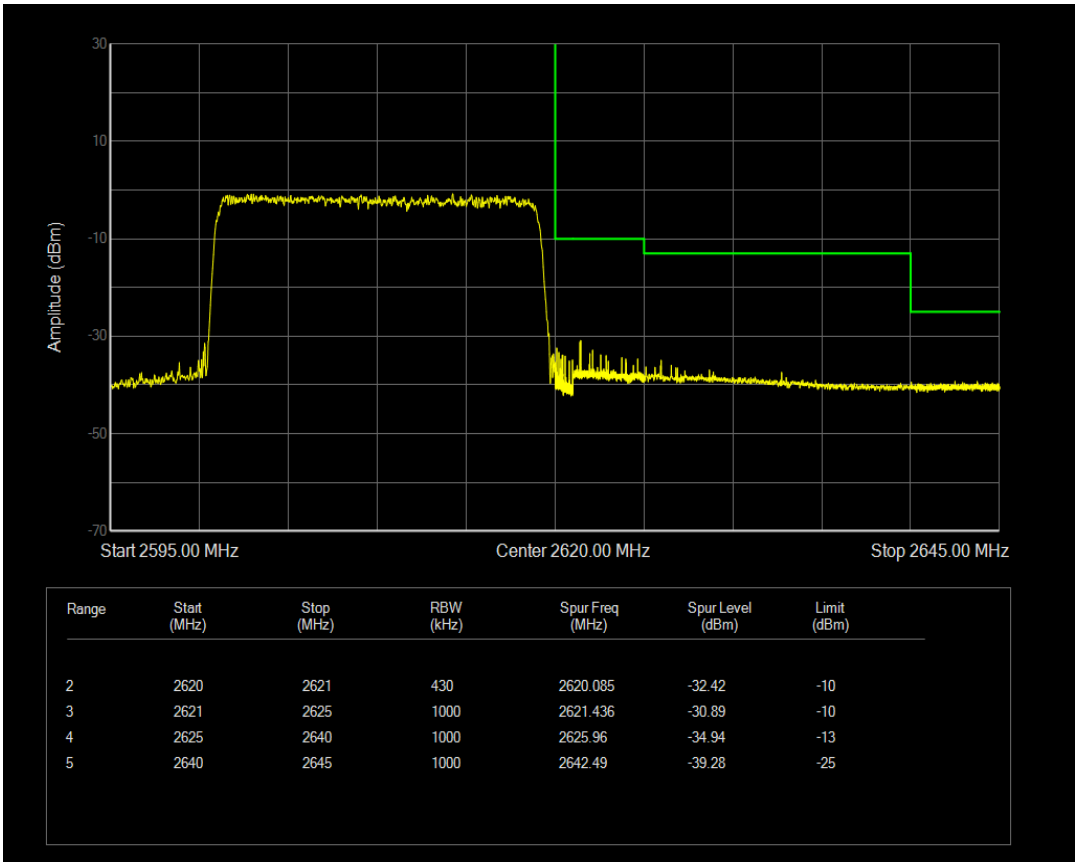
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2550	1000	2546.965	-39.58	-25
2	2550	2565	1000	2563.035	-34.77	-13
3	2565	2569	1000	2568.624	-29.96	-10
4	2569	2570	430	2569.892	-32.02	-10

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



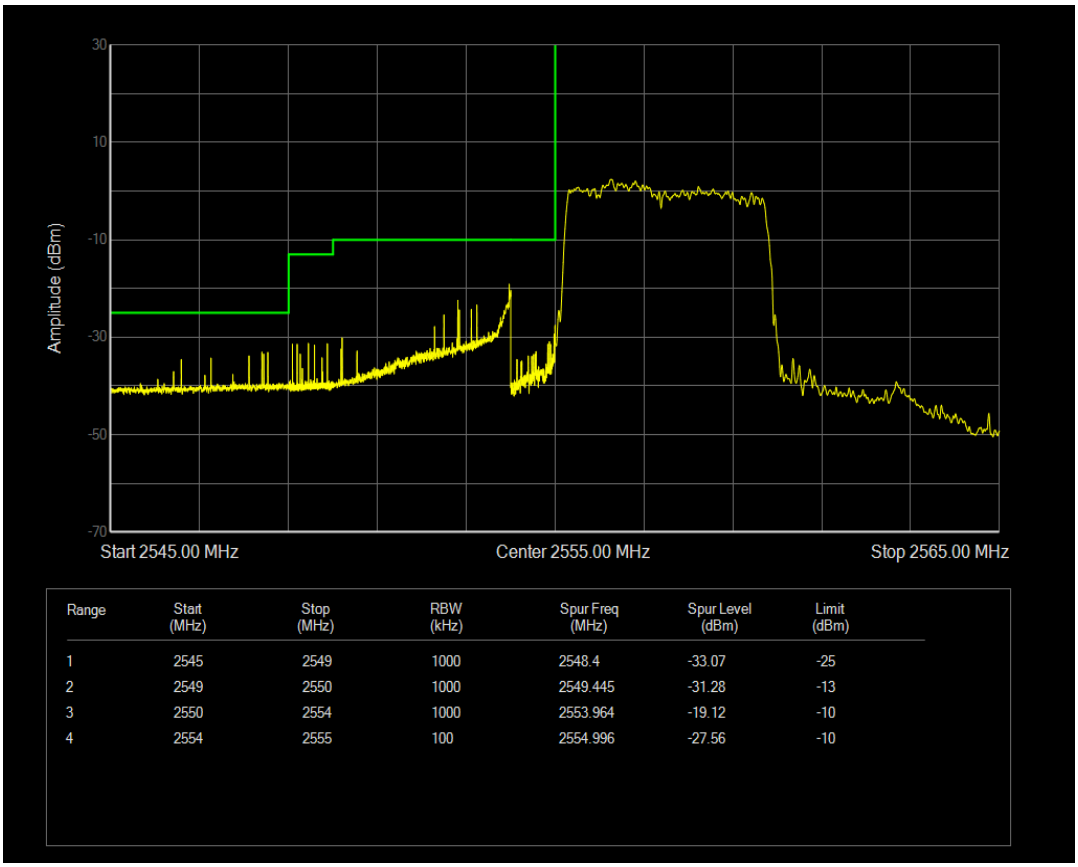
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	430	2620.039	-32.41	-10
3	2621	2625	1000	2621.148	-31.31	-10
4	2625	2640	1000	2626.635	-36	-13
5	2640	2645	1000	2640.265	-38.96	-25

Band38 QAM16 BW=20MHz Channel=38150 RB Size=100 Position=#0



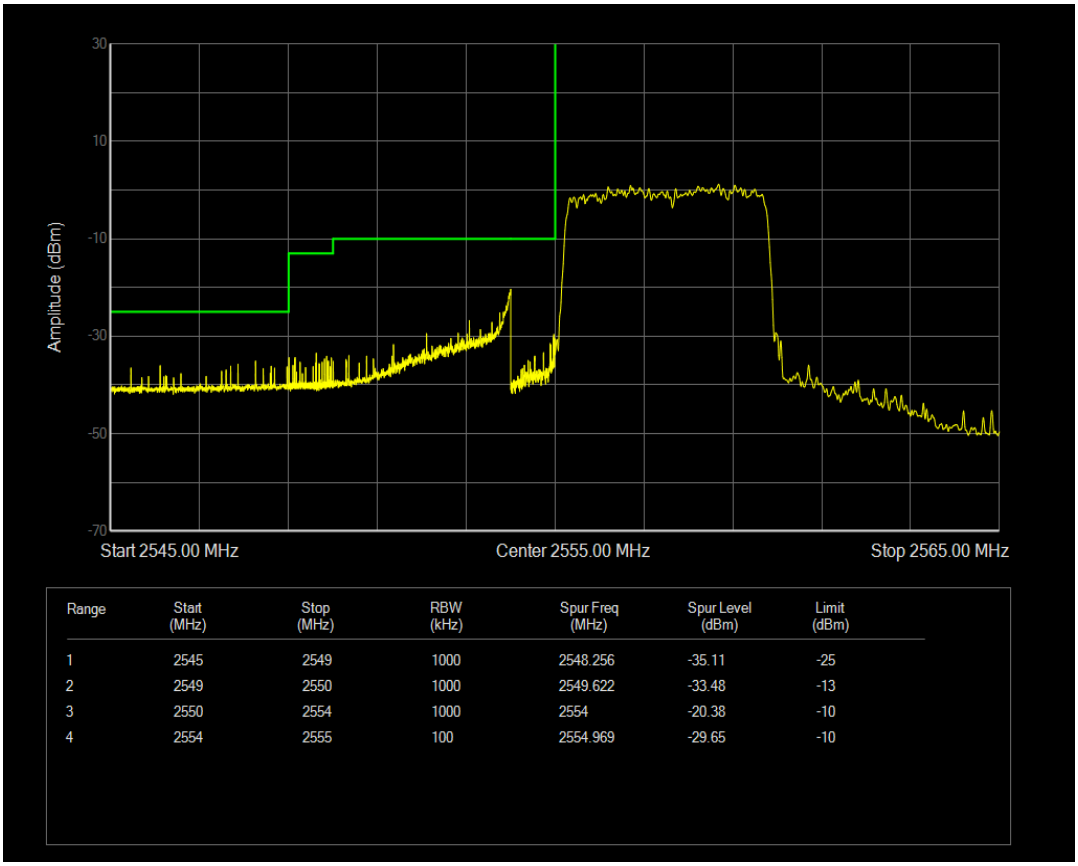
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	430	2620.085	-32.42	-10
3	2621	2625	1000	2621.436	-30.89	-10
4	2625	2640	1000	2625.96	-34.94	-13
5	2640	2645	1000	2642.49	-39.28	-25

Band41a QPSK BW=5MHz Channel=40265 RB Size=25 Position=#0



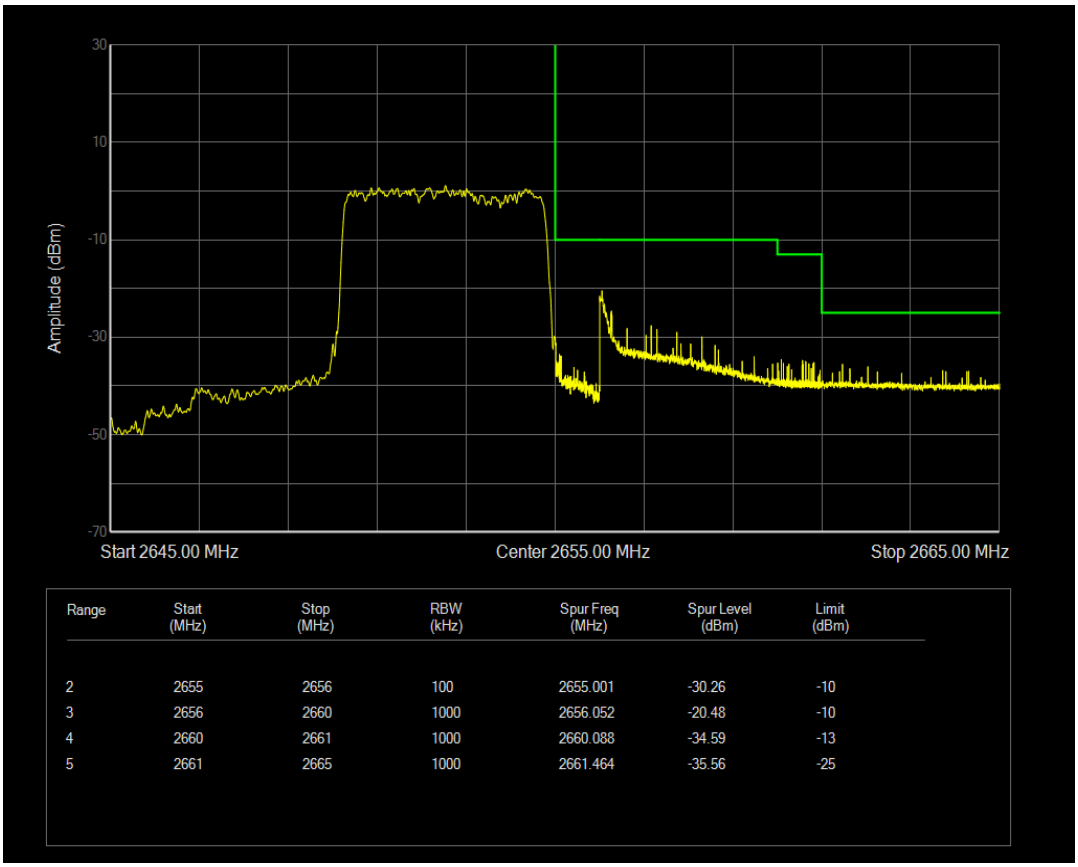
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2549	1000	2548.4	-33.07	-25
2	2549	2550	1000	2549.445	-31.28	-13
3	2550	2554	1000	2553.964	-19.12	-10
4	2554	2555	100	2554.996	-27.56	-10

Band41a QAM16 BW=5MHz Channel=40265 RB Size=25 Position=#0



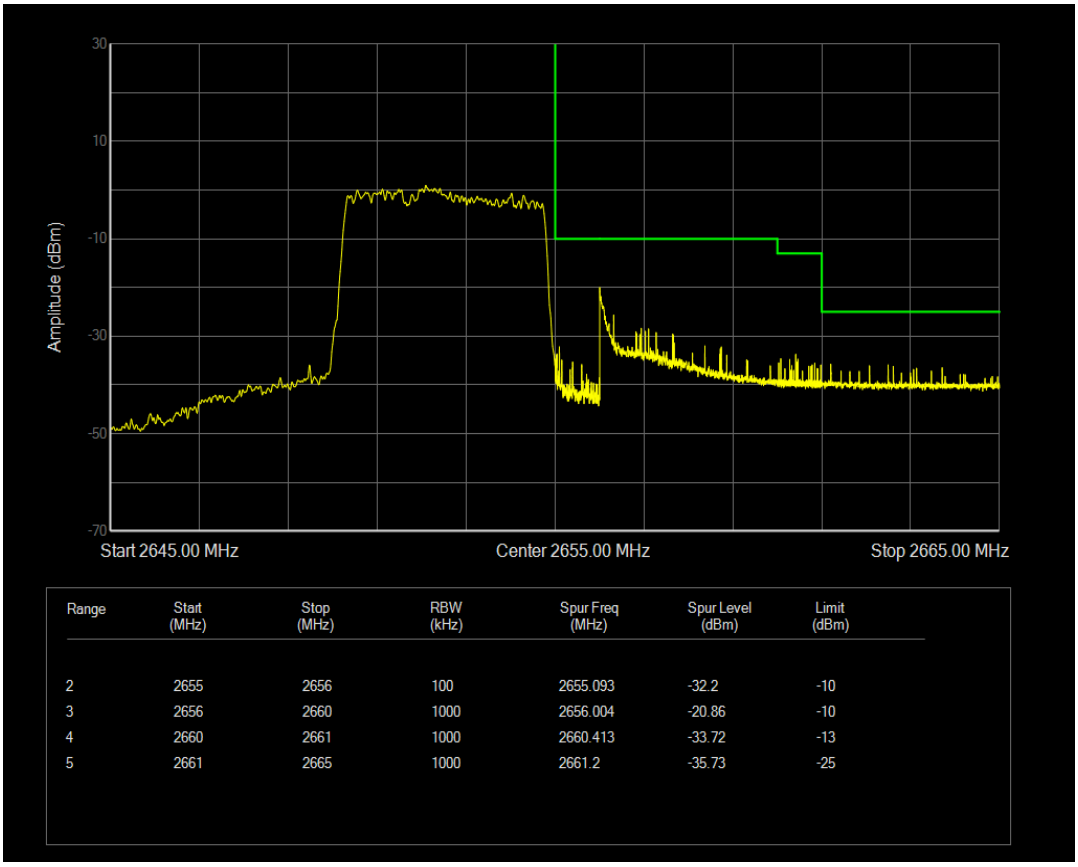
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2549	1000	2548.256	-35.11	-25
2	2549	2550	1000	2549.622	-33.48	-13
3	2550	2554	1000	2554	-20.38	-10
4	2554	2555	100	2554.969	-29.65	-10

Band41a QPSK BW=5MHz Channel=41215 RB Size=25 Position=#0



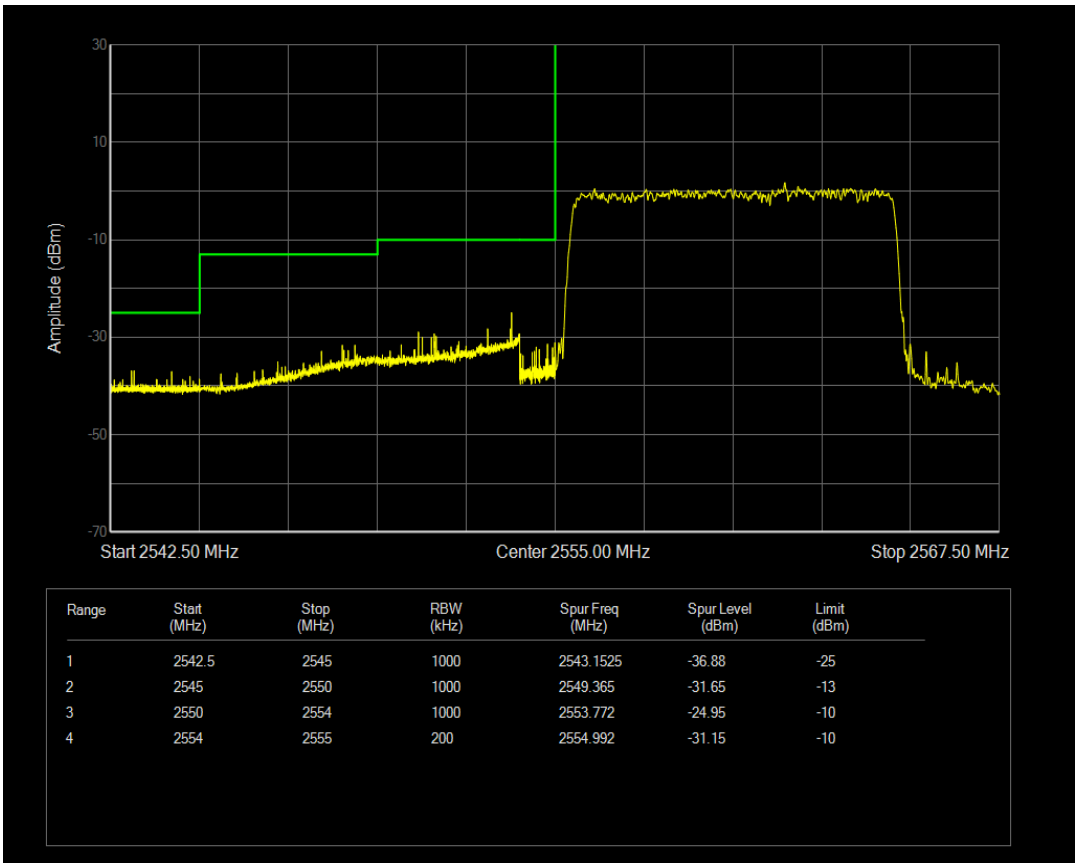
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2655	2656	100	2655.001	-30.26	-10
3	2656	2660	1000	2656.052	-20.48	-10
4	2660	2661	1000	2660.088	-34.59	-13
5	2661	2665	1000	2661.464	-35.56	-25

Band41a QAM16 BW=5MHz Channel=41215 RB Size=25 Position=#0



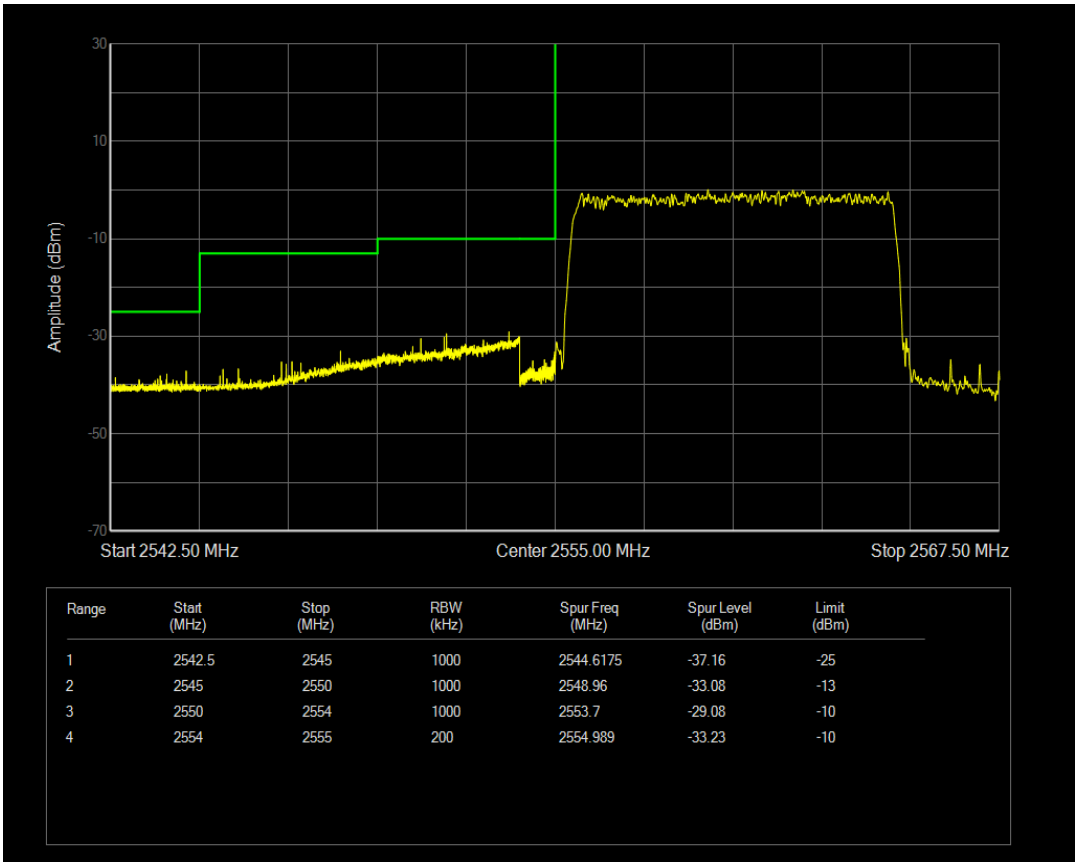
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2655	2656	100	2655.093	-32.2	-10
3	2656	2660	1000	2656.004	-20.86	-10
4	2660	2661	1000	2660.413	-33.72	-13
5	2661	2665	1000	2661.2	-35.73	-25

Band41a QPSK BW=10MHz Channel=40290 RB Size=50 Position=#0



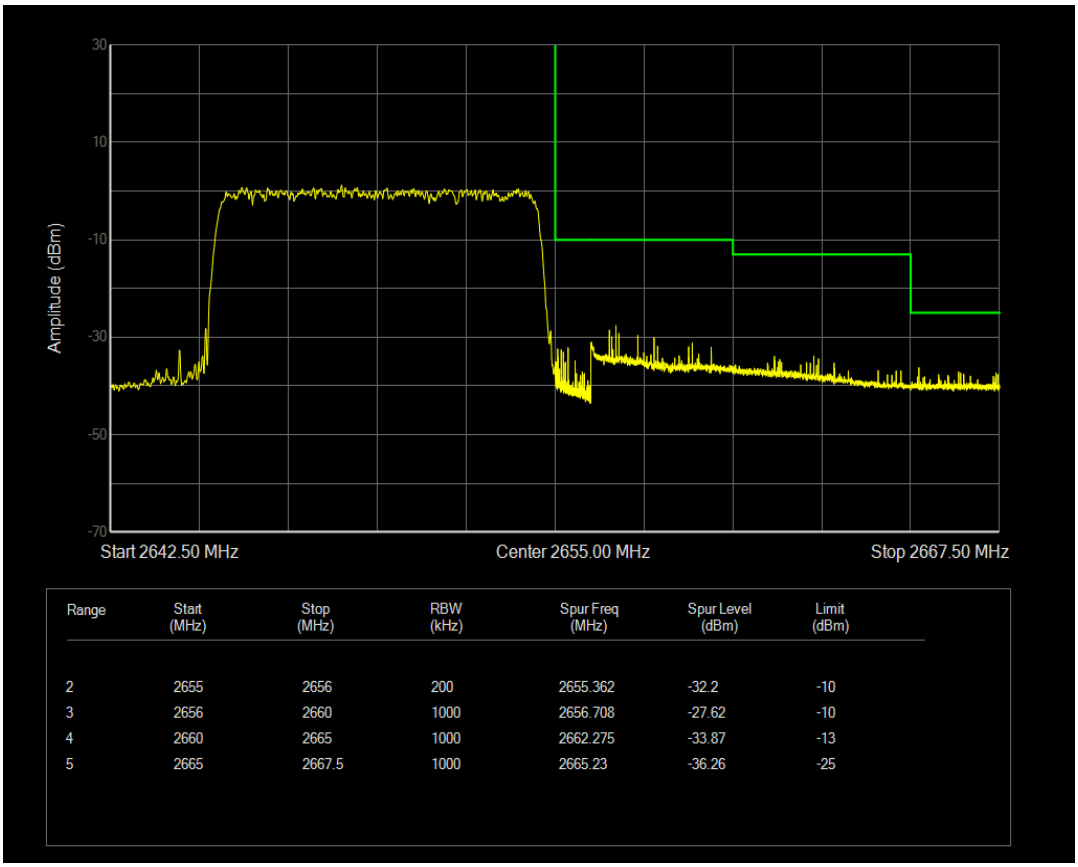
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2542.5	2545	1000	2543.1525	-36.88	-25
2	2545	2550	1000	2549.365	-31.65	-13
3	2550	2554	1000	2553.772	-24.95	-10
4	2554	2555	200	2554.992	-31.15	-10

Band41a QAM16 BW=10MHz Channel=40290 RB Size=50 Position=#0



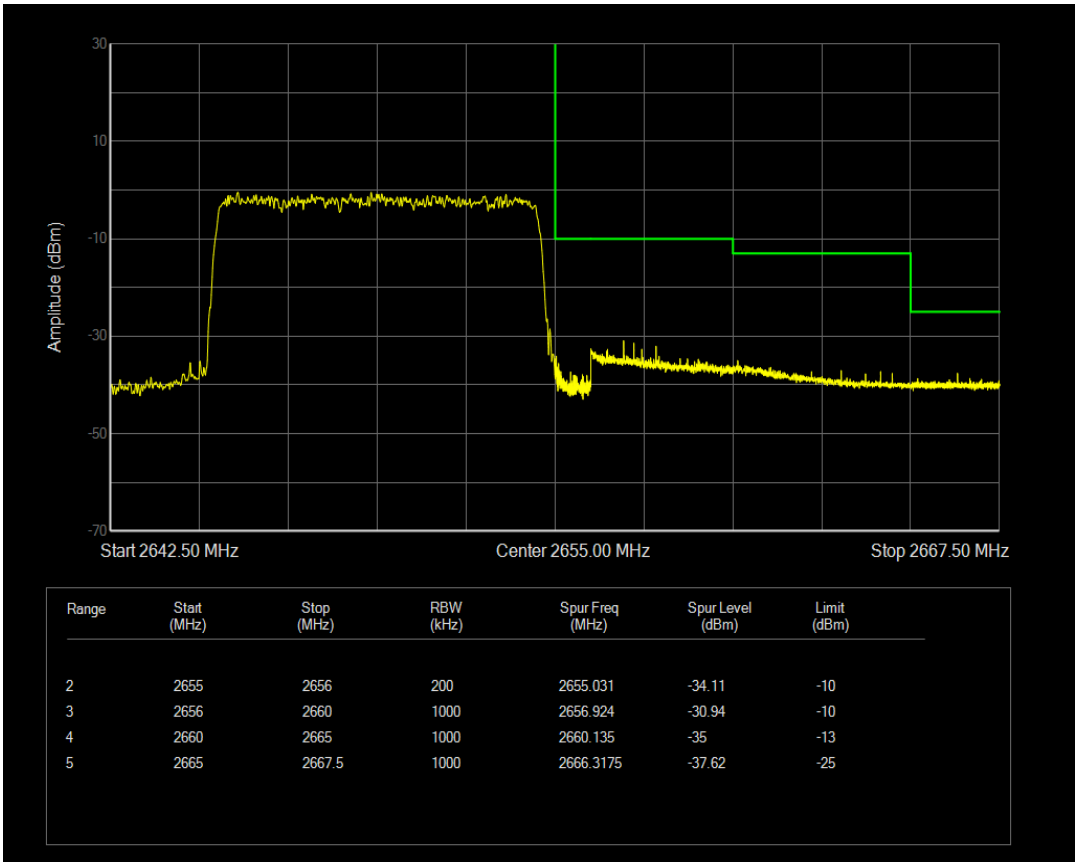
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2542.5	2545	1000	2544.6175	-37.16	-25
2	2545	2550	1000	2548.96	-33.08	-13
3	2550	2554	1000	2553.7	-29.08	-10
4	2554	2555	200	2554.989	-33.23	-10

Band41a QPSK BW=10MHz Channel=41190 RB Size=50 Position=#0



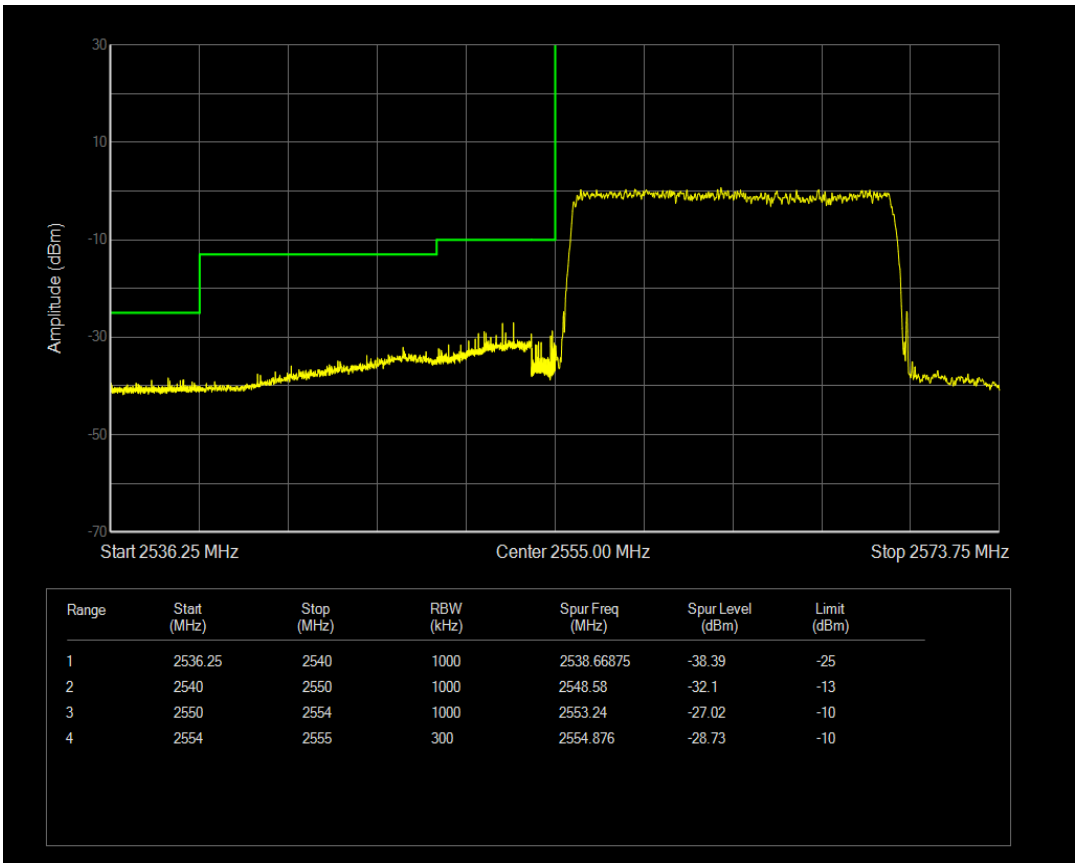
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2655	2656	200	2655.362	-32.2	-10
3	2656	2660	1000	2656.708	-27.62	-10
4	2660	2665	1000	2662.275	-33.87	-13
5	2665	2667.5	1000	2665.23	-36.26	-25

Band41a QAM16 BW=10MHz Channel=41190 RB Size=50 Position=#0



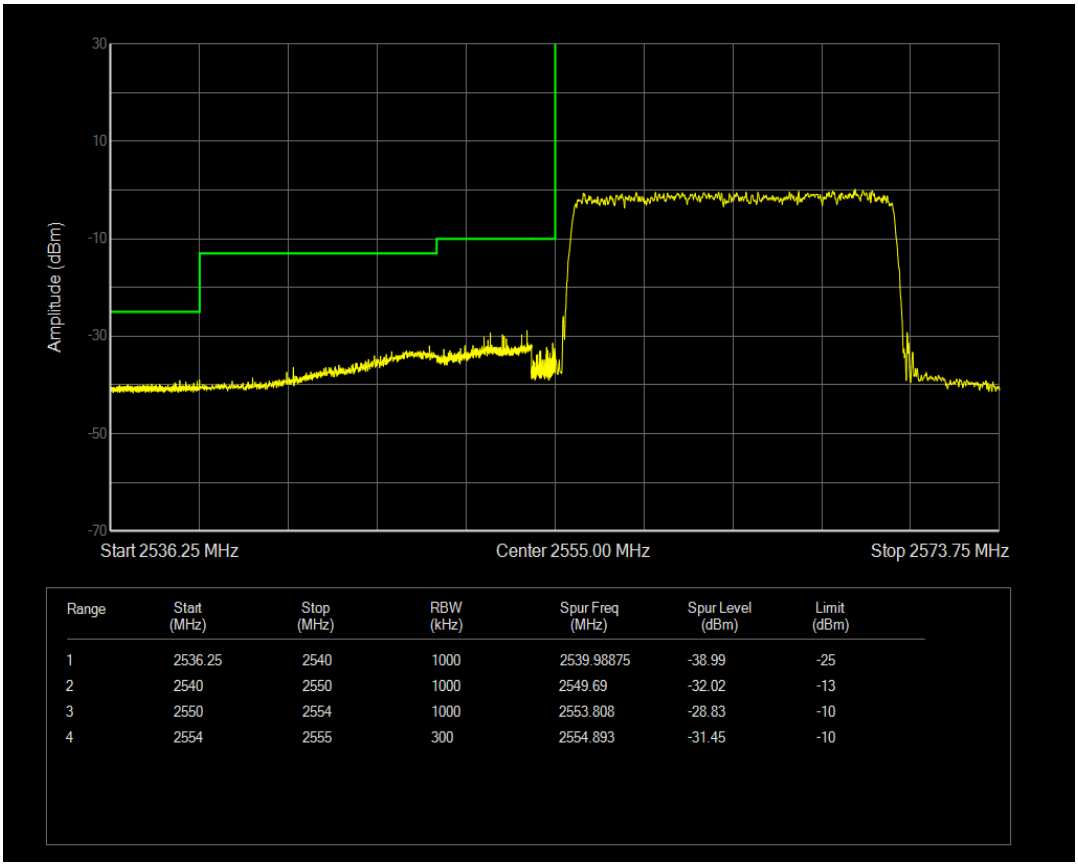
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2655	2656	200	2655.031	-34.11	-10
3	2656	2660	1000	2656.924	-30.94	-10
4	2660	2665	1000	2660.135	-35	-13
5	2665	2667.5	1000	2666.3175	-37.62	-25

Band41a QPSK BW=15MHz Channel=40315 RB Size=75 Position=#0



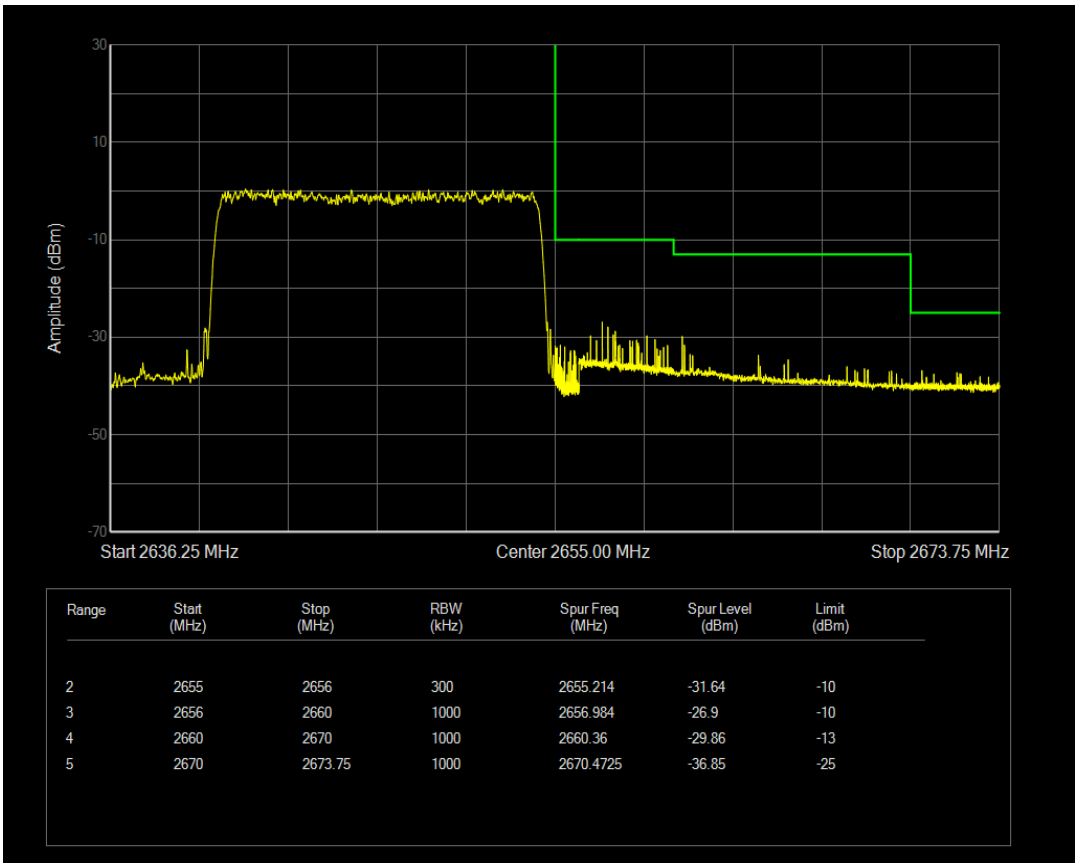
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2536.25	2540	1000	2538.66875	-38.39	-25
2	2540	2550	1000	2548.58	-32.1	-13
3	2550	2554	1000	2553.24	-27.02	-10
4	2554	2555	300	2554.876	-28.73	-10

Band41a QAM16 BW=15MHz Channel=40315 RB Size=75 Position=#0



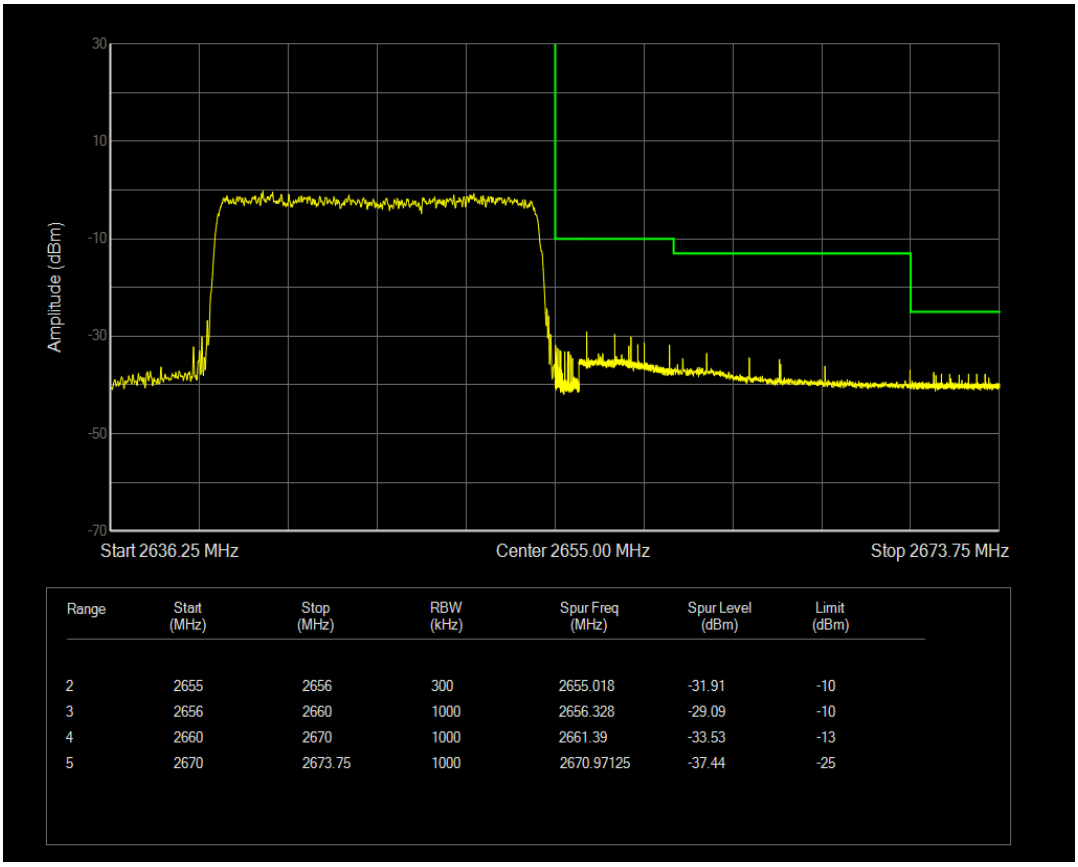
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2536.25	2540	1000	2539.98875	-38.99	-25
2	2540	2550	1000	2549.69	-32.02	-13
3	2550	2554	1000	2553.808	-28.83	-10
4	2554	2555	300	2554.893	-31.45	-10

Band41a QPSK BW=15MHz Channel=41165 RB Size=75 Position=#0



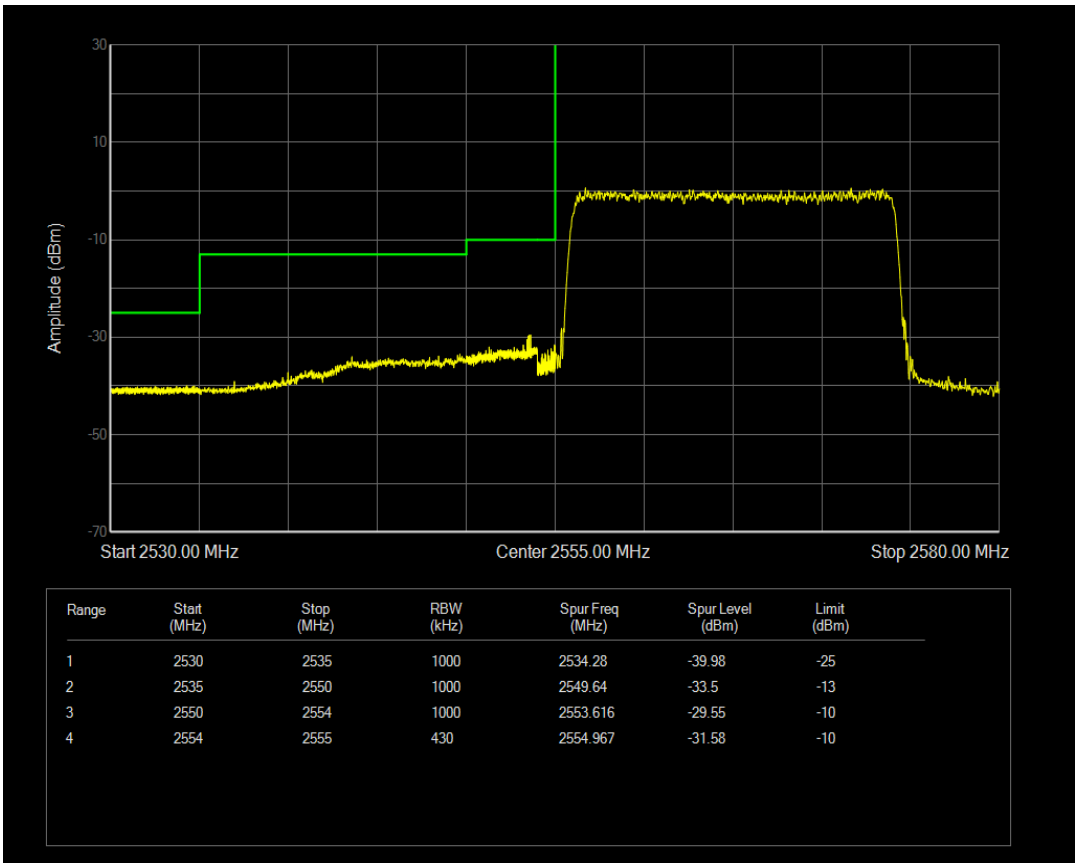
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2655	2656	300	2655.214	-31.64	-10
3	2656	2660	1000	2656.984	-26.9	-10
4	2660	2670	1000	2660.36	-29.86	-13
5	2670	2673.75	1000	2670.4725	-36.85	-25

Band41a QAM16 BW=15MHz Channel=41165 RB Size=75 Position=#0



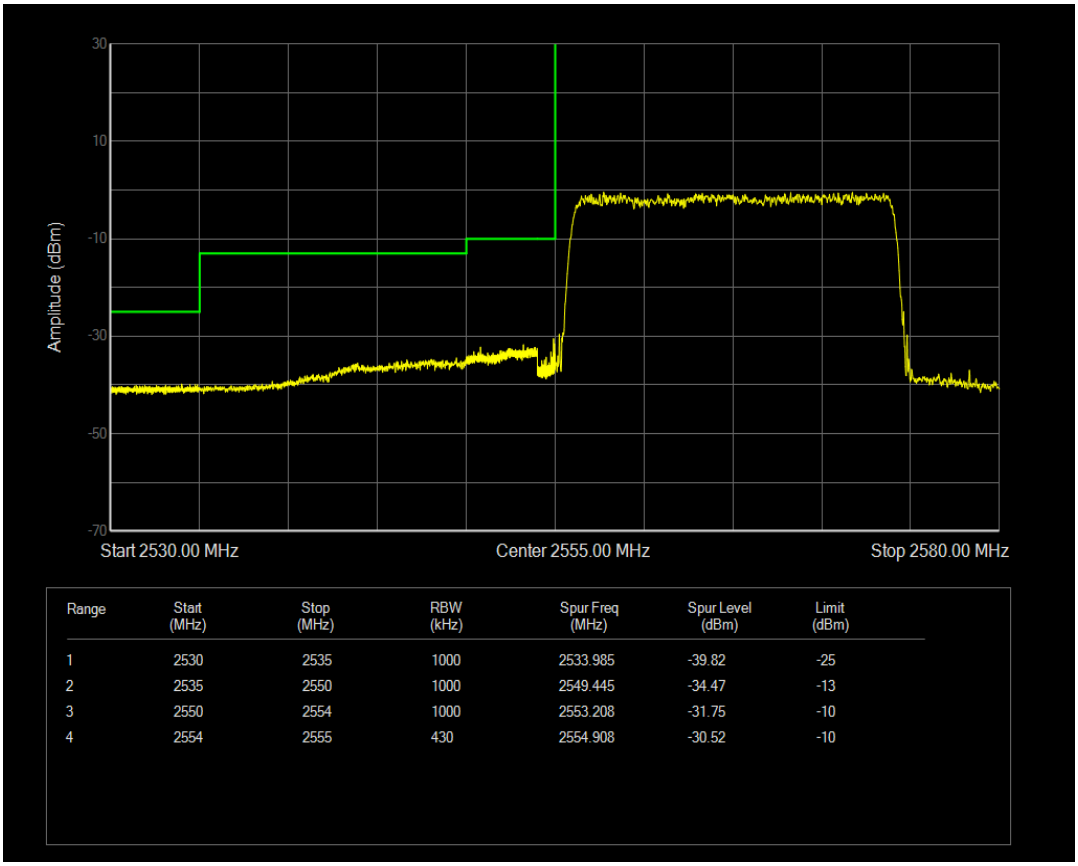
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2655	2656	300	2655.018	-31.91	-10
3	2656	2660	1000	2656.328	-29.09	-10
4	2660	2670	1000	2661.39	-33.53	-13
5	2670	2673.75	1000	2670.97125	-37.44	-25

Band41a QPSK BW=20MHz Channel=40340 RB Size=100 Position=#0



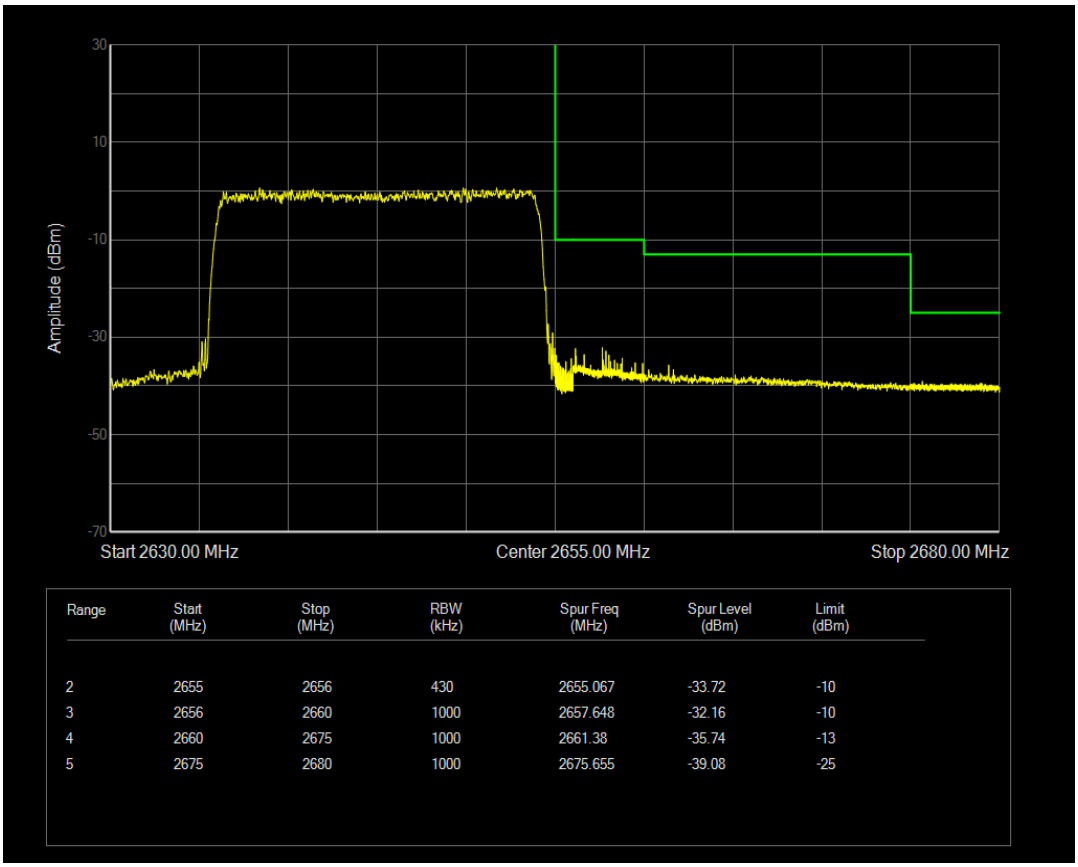
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2530	2535	1000	2534.28	-39.98	-25
2	2535	2550	1000	2549.64	-33.5	-13
3	2550	2554	1000	2553.616	-29.55	-10
4	2554	2555	430	2554.967	-31.58	-10

Band41a QAM16 BW=20MHz Channel=40340 RB Size=100 Position=#0



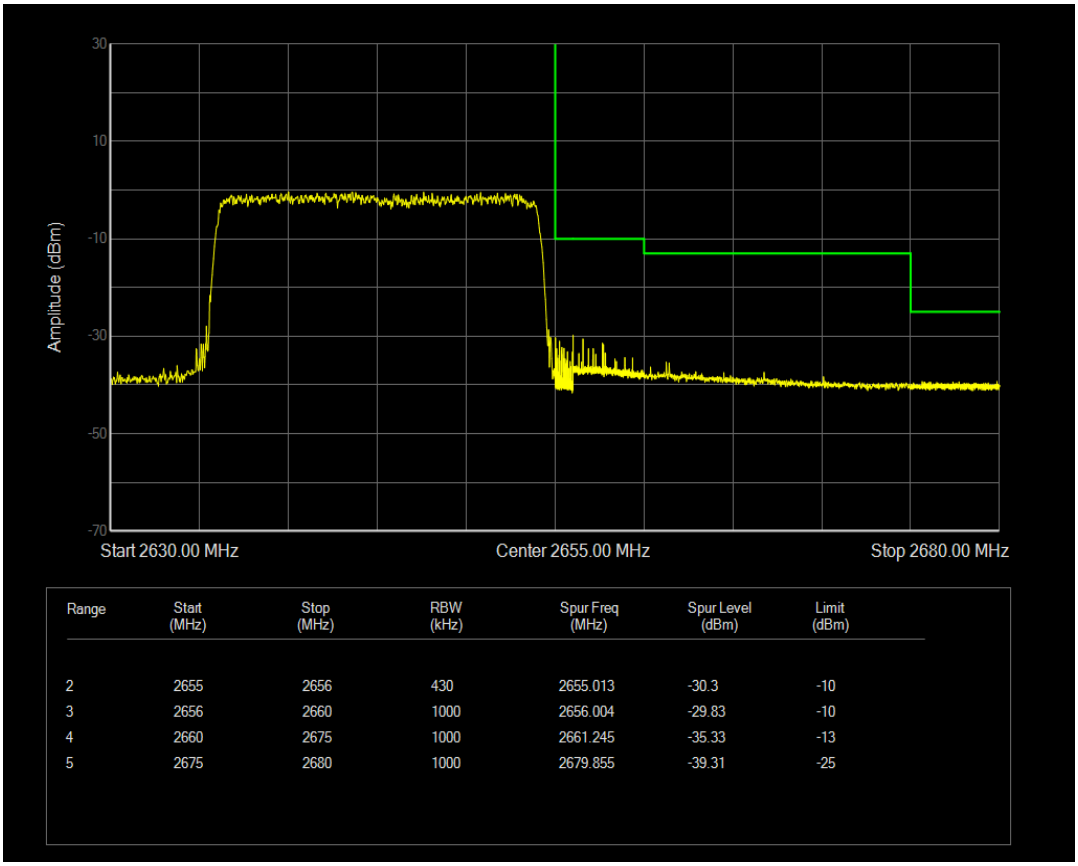
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2530	2535	1000	2533.985	-39.82	-25
2	2535	2550	1000	2549.445	-34.47	-13
3	2550	2554	1000	2553.208	-31.75	-10
4	2554	2555	430	2554.908	-30.52	-10

Band41a QPSK BW=20MHz Channel=41140 RB Size=100 Position=#0



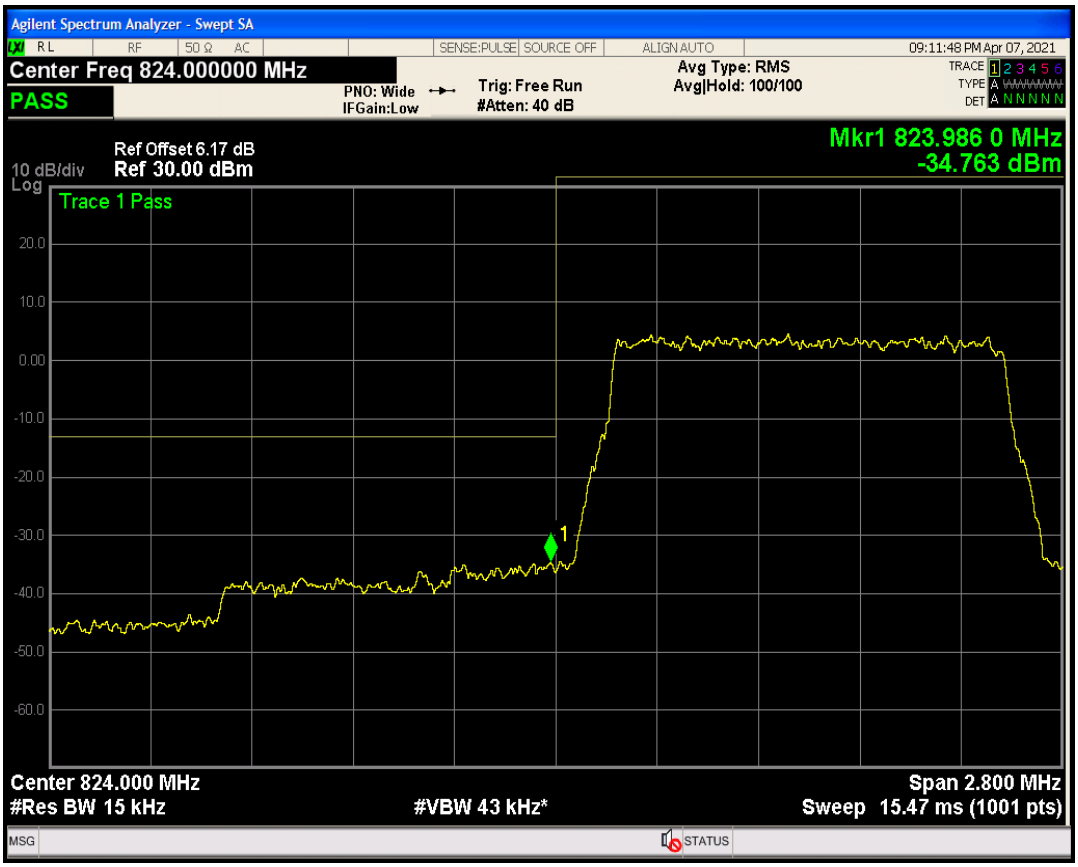
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2655	2656	430	2655.067	-33.72	-10
3	2656	2660	1000	2657.648	-32.16	-10
4	2660	2675	1000	2661.38	-35.74	-13
5	2675	2680	1000	2675.655	-39.08	-25

Band41a QAM16 BW=20MHz Channel=41140 RB Size=100 Position=#0

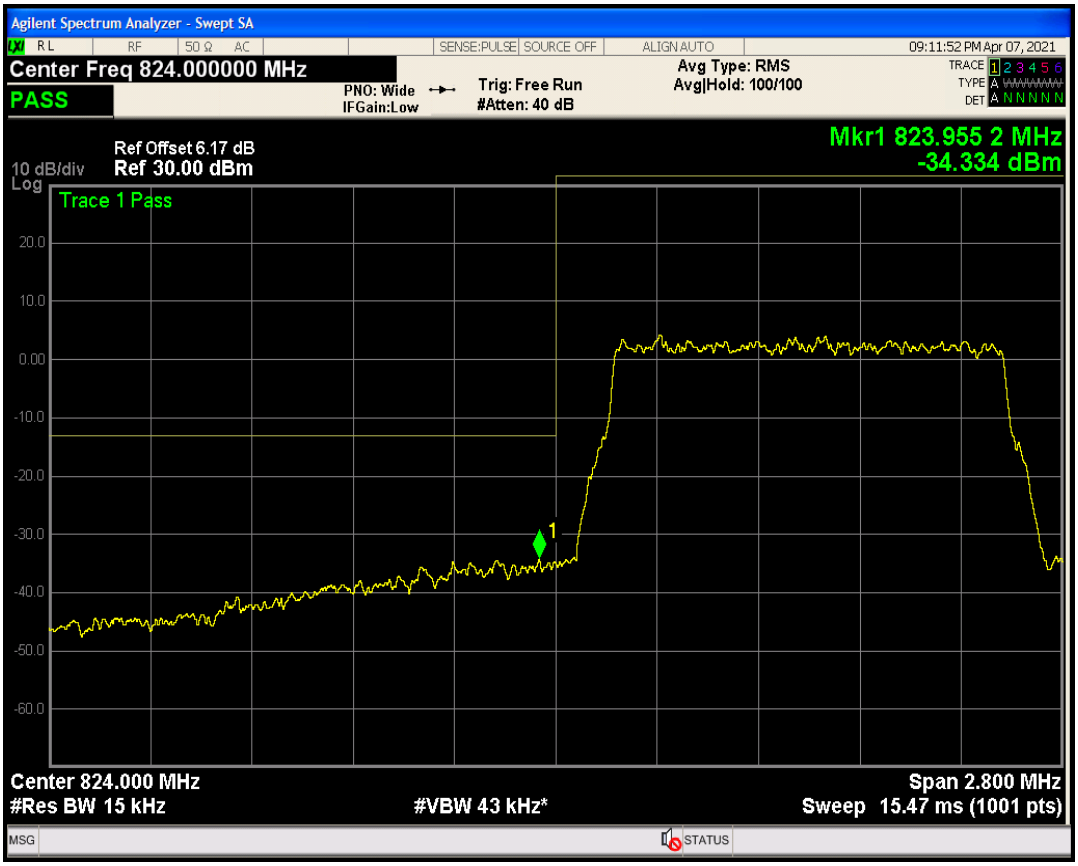


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2655	2656	430	2655.013	-30.3	-10
3	2656	2660	1000	2656.004	-29.83	-10
4	2660	2675	1000	2661.245	-35.33	-13
5	2675	2680	1000	2679.855	-39.31	-25

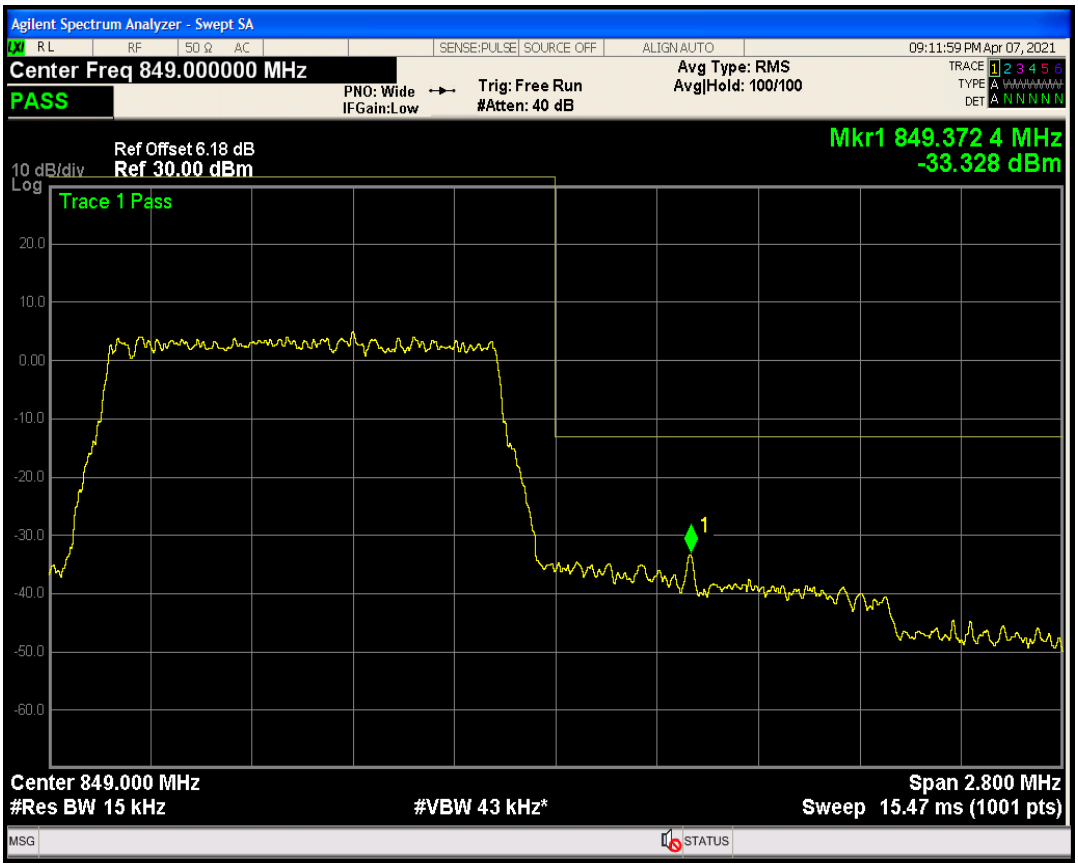
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=6 Position=#0

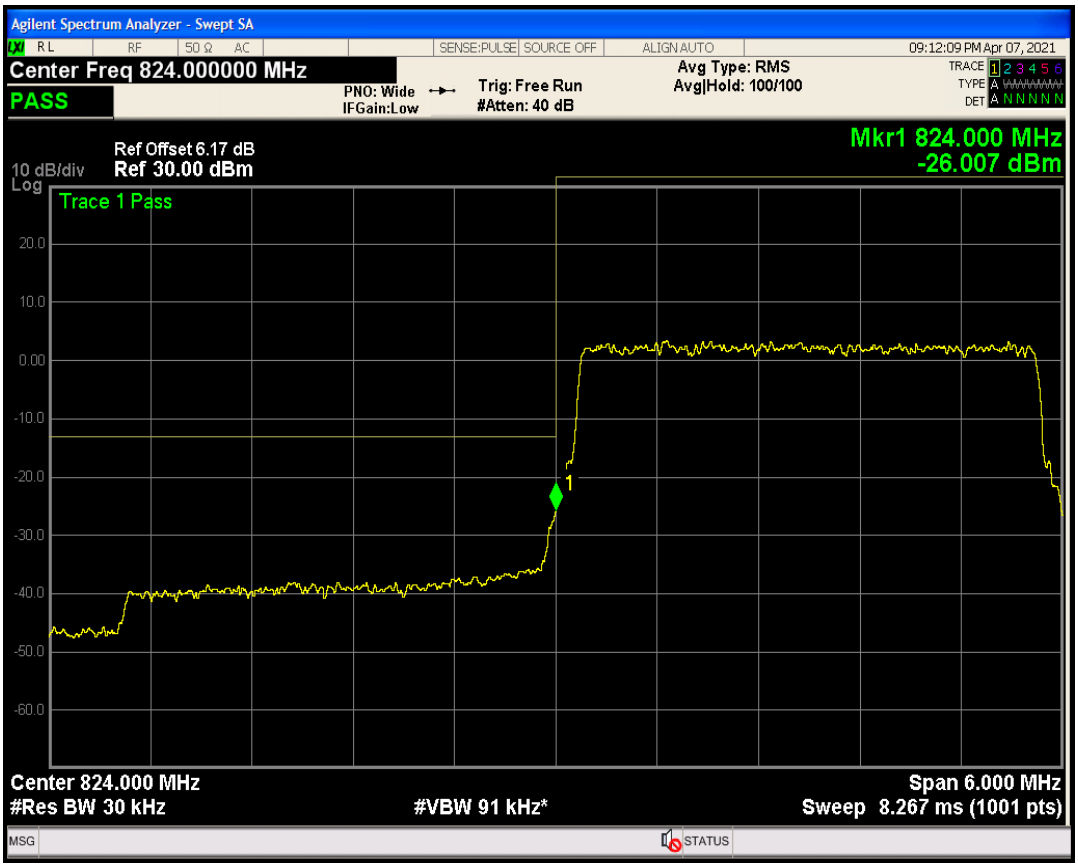


Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0

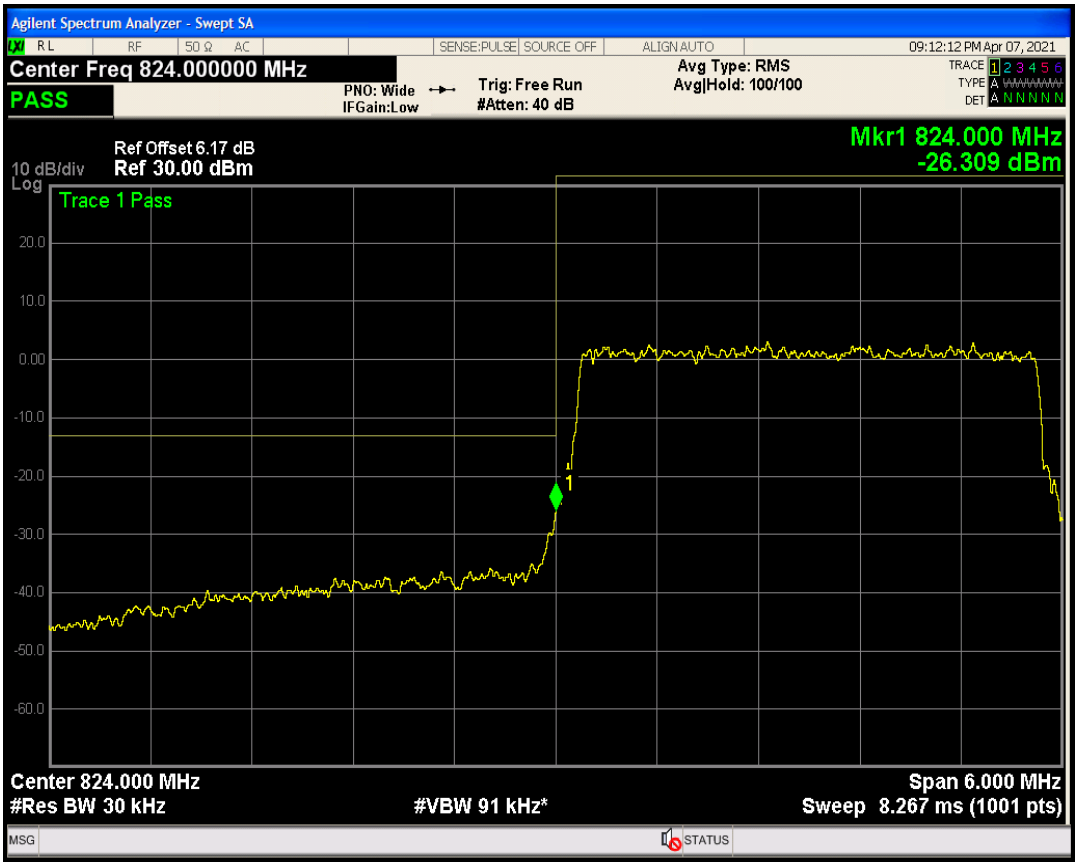


Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=6 Position=#0

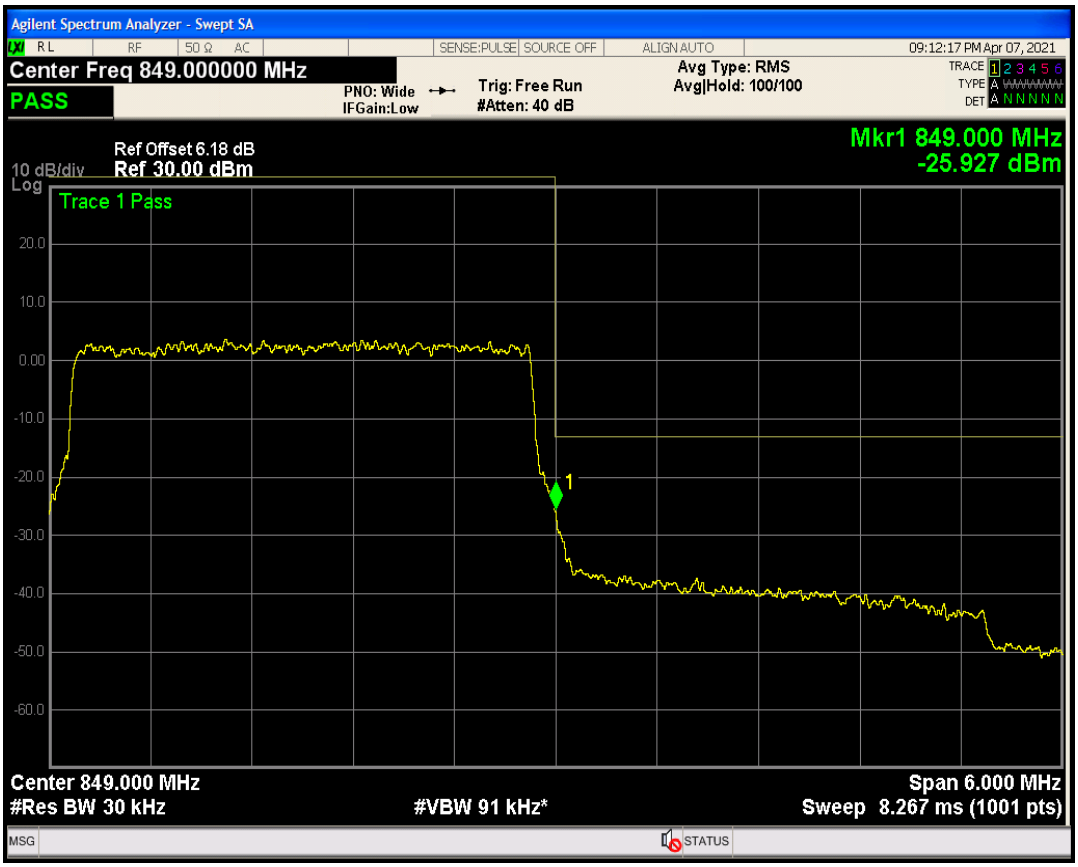
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



Band5 QAM16 BW=3MHz Channel=20415 RB Size=15 Position=#0

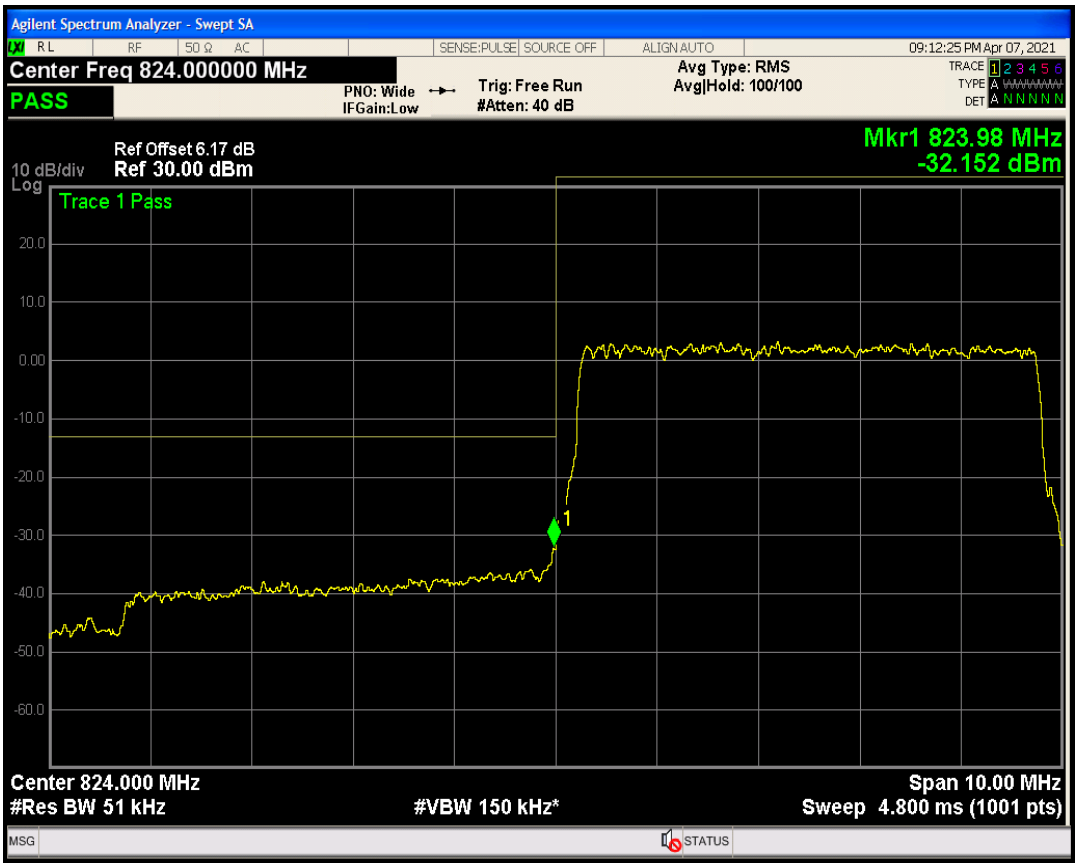


Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

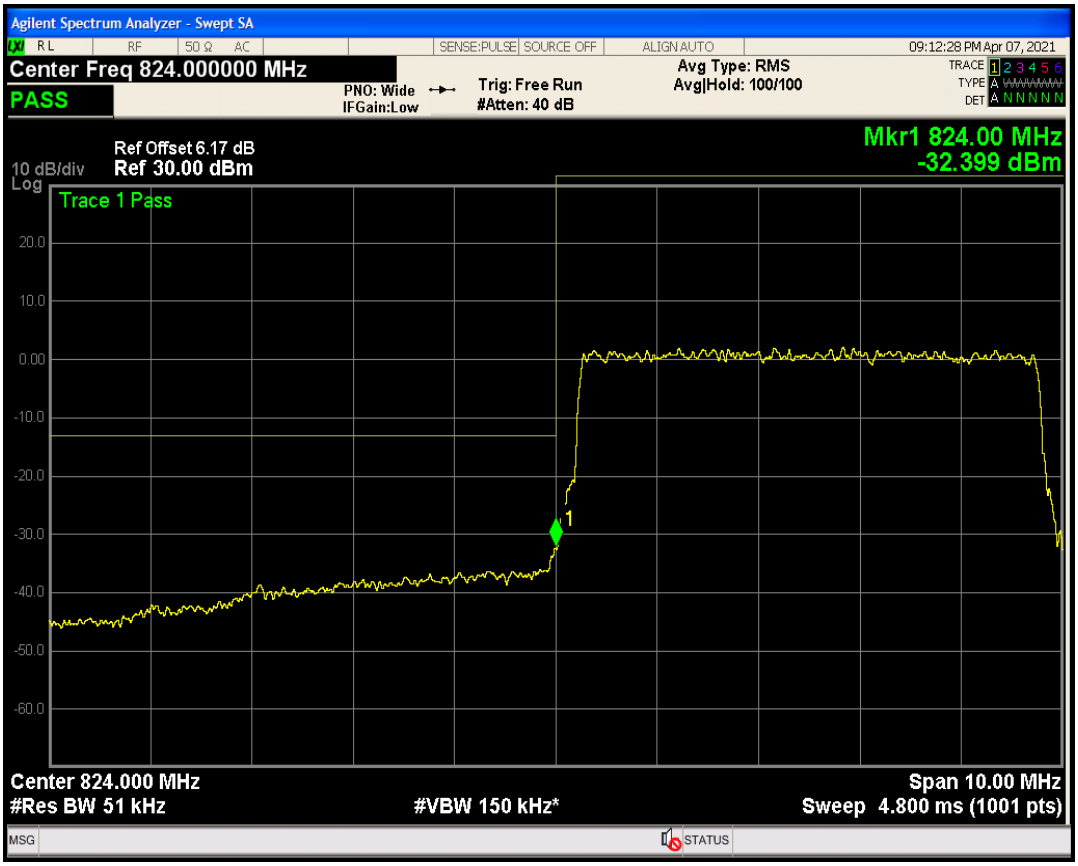


Band5 QAM16 BW=3MHz Channel=20635 RB Size=15 Position=#0

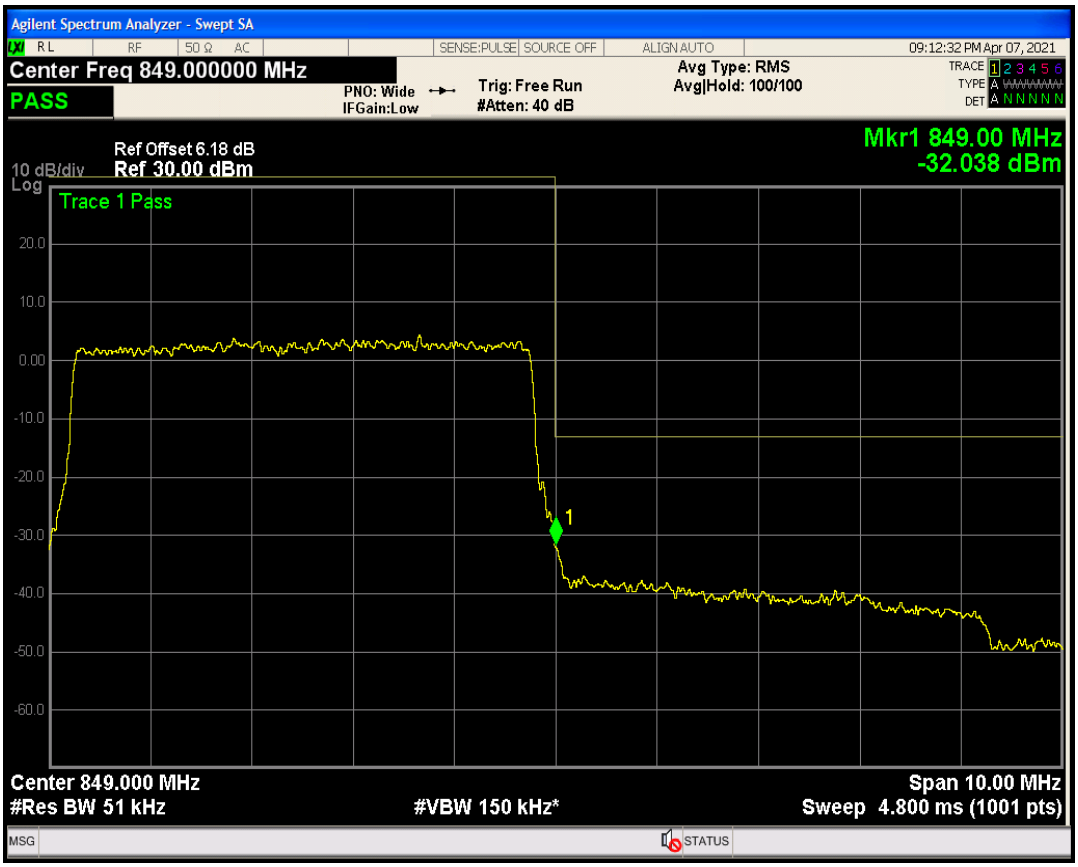
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



Band5 QAM16 BW=5MHz Channel=20425 RB Size=25 Position=#0

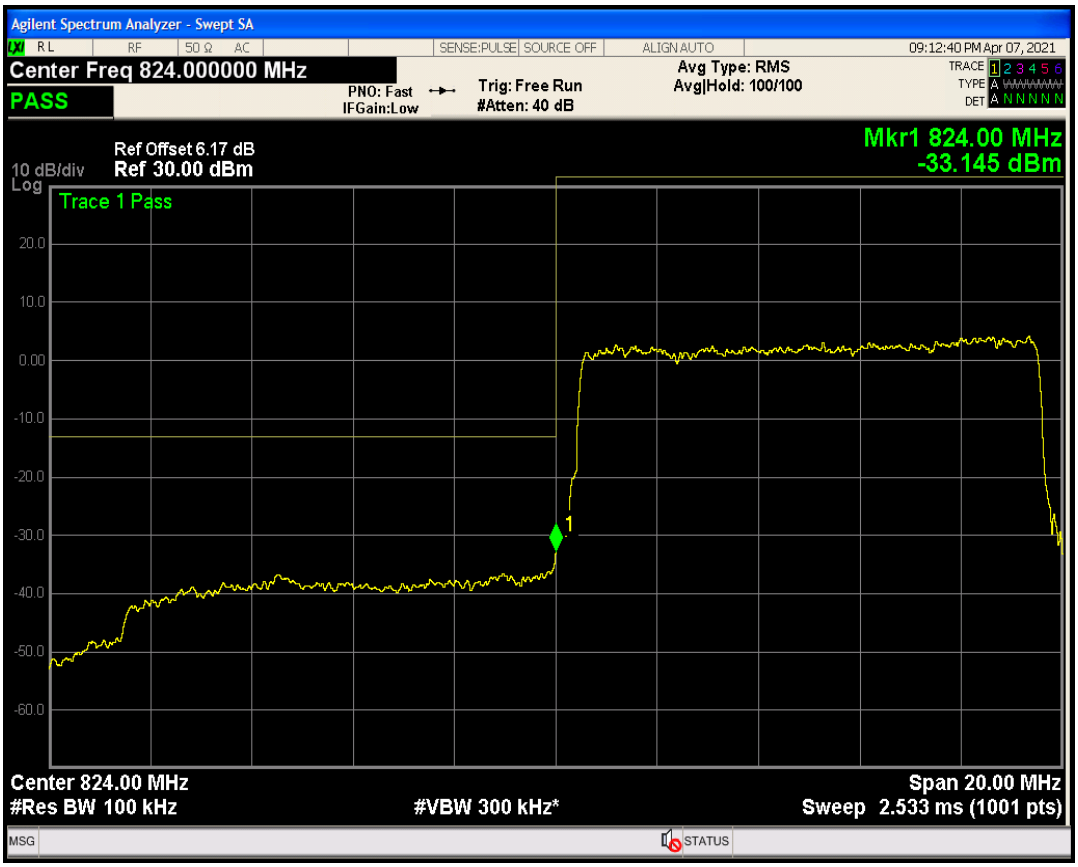


Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

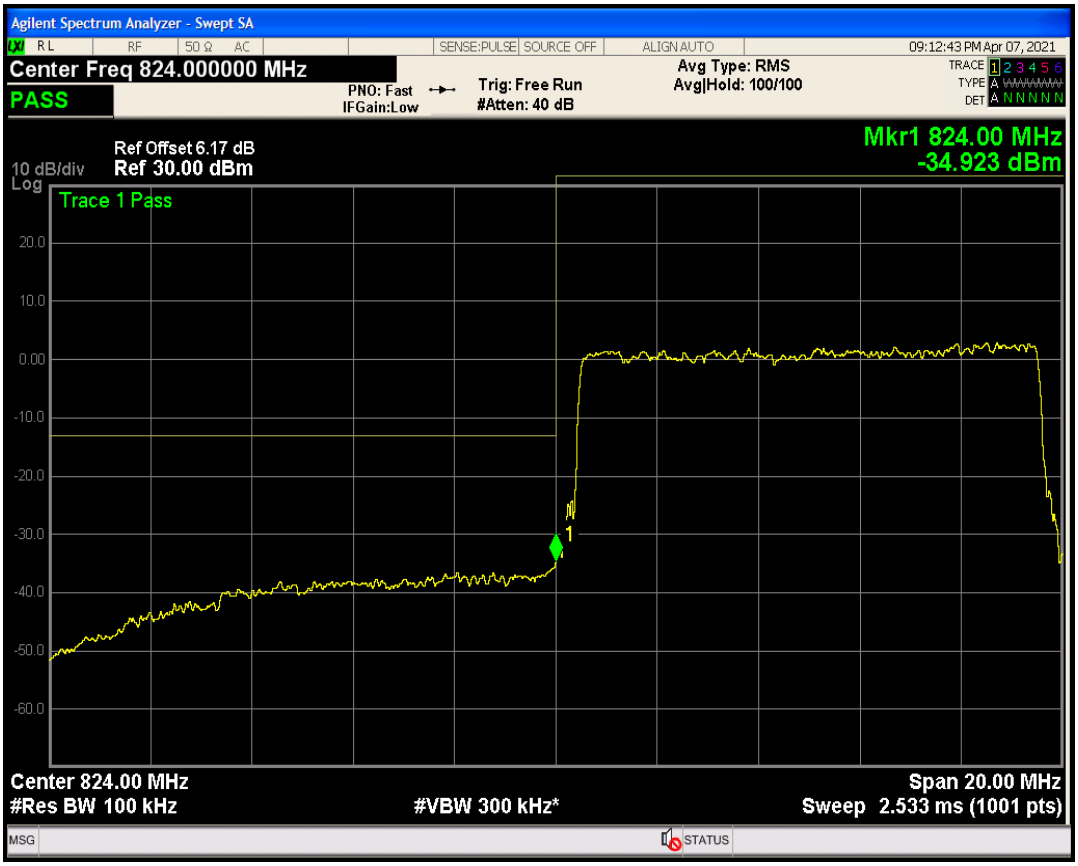


Band5 QAM16 BW=5MHz Channel=20625 RB Size=25 Position=#0

Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



Band5 QAM16 BW=10MHz Channel=20450 RB Size=50 Position=#0



Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0

Band5 QAM16 BW=10MHz Channel=20600 RB Size=50 Position=#0

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	2536.08	-26.96	-25	PASS
Band38	5	37775	25	#0	QAM16	2648.13	-32.55	-25	PASS
Band38	5	38225	25	#0	QPSK	2652.85	-26.32	-25	PASS
Band38	5	38225	25	#0	QAM16	2680.98	-37.97	-25	PASS
Band38	10	37800	50	#0	QPSK	2519.43	-38.44	-25	PASS
Band38	10	37800	50	#0	QAM16	2527.75	-31.67	-25	PASS
Band38	10	38200	50	#0	QPSK	2662.75	-28.25	-25	PASS
Band38	10	38200	50	#0	QAM16	2667.25	-37.75	-25	PASS
Band38	15	37825	75	#0	QPSK	5981.73	-43.42	-25	PASS
Band38	15	37825	75	#0	QAM16	7514.88	-43.70	-25	PASS
Band38	15	38175	75	#0	QPSK	2688.18	-39.80	-25	PASS
Band38	15	38175	75	#0	QAM16	5523.18	-43.49	-25	PASS
Band38	20	37850	100	#0	QPSK	5944.83	-43.84	-25	PASS
Band38	20	37850	100	#0	QAM16	3058.75	-43.29	-25	PASS
Band38	20	38150	100	#0	QPSK	7492.60	-43.39	-25	PASS
Band38	20	38150	100	#0	QAM16	5131.23	-43.90	-25	PASS
Band40	5	38675	25	#0	QPSK	5914.45	-44.00	-13	PASS
Band40	5	38675	25	#0	QAM16	5951.35	-43.42	-13	PASS
Band40	5	39625	25	#0	QPSK	5928.63	-43.11	-13	PASS
Band40	5	39625	25	#0	QAM16	2627.65	-43.81	-13	PASS
Band40	10	38700	50	#0	QPSK	2684.35	-43.35	-13	PASS
Band40	10	38700	50	#0	QAM16	2680.53	-42.39	-13	PASS
Band40	10	39600	50	#0	QPSK	3054.70	-43.02	-13	PASS
Band40	10	39600	50	#0	QAM16	3157.30	-43.02	-13	PASS
Band40	15	38725	75	#0	QPSK	2741.28	-43.03	-13	PASS
Band40	15	38725	75	#0	QAM16	2664.78	-43.27	-13	PASS
Band40	15	39575	75	#0	QPSK	5865.85	-42.55	-13	PASS
Band40	15	39575	75	#0	QAM16	3176.65	-42.99	-13	PASS
Band40	20	38750	100	#0	QPSK	3165.85	-43.56	-13	PASS
Band40	20	38750	100	#0	QAM16	5888.13	-43.66	-13	PASS
Band40	20	39550	100	#0	QPSK	6484.15	-42.98	-13	PASS
Band40	20	39550	100	#0	QAM16	5981.05	-42.62	-13	PASS
Band41	5	39675	25	#0	QPSK	3146.95	-42.83	-25	PASS
Band41	5	39675	25	#0	QAM16	3153.25	-43.65	-25	PASS
Band41	5	41565	25	#0	QPSK	3155.95	-43.01	-25	PASS
Band41	5	41565	25	#0	QAM16	5936.50	-43.71	-25	PASS
Band41	10	39700	50	#0	QPSK	6327.10	-43.58	-25	PASS
Band41	10	39700	50	#0	QAM16	3155.95	-43.10	-25	PASS
Band41	10	41540	50	#0	QPSK	2790.78	-43.27	-25	PASS
Band41	10	41540	50	#0	QAM16	9702.10	-43.28	-25	PASS
Band41	15	39725	75	#0	QPSK	2912.50	-42.65	-25	PASS
Band41	15	39725	75	#0	QAM16	5914.00	-43.04	-25	PASS

Band41	15	41515	75	#0	QPSK	6401.35	-42.44	-25	PASS
Band41	15	41515	75	#0	QAM16	3151.68	-42.62	-25	PASS
Band41	20	39750	100	#0	QPSK	3186.78	-43.76	-25	PASS
Band41	20	39750	100	#0	QAM16	2782.23	-43.08	-25	PASS
Band41	20	41490	100	#0	QPSK	3164.05	-42.64	-25	PASS
Band41	20	41490	100	#0	QAM16	3041.65	-43.22	-25	PASS
Band41a	5	40265	25	#0	QPSK	3165.63	-43.63	-25	PASS
Band41a	5	40265	25	#0	QAM16	2532.25	-25.90	-25	PASS
Band41a	5	41215	25	#0	QPSK	7507.23	-43.57	-25	PASS
Band41a	5	41215	25	#0	QAM16	5998.60	-43.20	-25	PASS
Band41a	10	40290	50	#0	QPSK	2771.88	-43.24	-25	PASS
Band41a	10	40290	50	#0	QAM16	7502.28	-43.51	-25	PASS
Band41a	10	41190	50	#0	QPSK	9718.08	-43.09	-25	PASS
Band41a	10	41190	50	#0	QAM16	2697.40	-42.93	-25	PASS
Band41a	15	40315	75	#0	QPSK	5898.03	-42.47	-25	PASS
Band41a	15	40315	75	#0	QAM16	5972.50	-43.24	-25	PASS
Band41a	15	41165	75	#0	QPSK	3063.48	-42.72	-25	PASS
Band41a	15	41165	75	#0	QAM16	5947.53	-43.20	-25	PASS
Band41a	20	40340	100	#0	QPSK	6765.85	-43.26	-25	PASS
Band41a	20	40340	100	#0	QAM16	6688.00	-43.02	-25	PASS
Band41a	20	41140	100	#0	QPSK	3032.43	-42.83	-25	PASS
Band41a	20	41140	100	#0	QAM16	3042.78	-43.47	-25	PASS
Band5	1.4	20407	6	#0	QPSK	1649.58	-39.04	-13	PASS
Band5	1.4	20407	6	#0	QAM16	1650.25	-40.05	-13	PASS
Band5	1.4	20643	6	#0	QPSK	2545.98	-39.89	-13	PASS
Band5	1.4	20643	6	#0	QAM16	2545.53	-41.17	-13	PASS
Band5	3	20415	15	#0	QPSK	1652.50	-42.43	-13	PASS
Band5	3	20415	15	#0	QAM16	1651.60	-42.43	-13	PASS
Band5	3	20635	15	#0	QPSK	2543.05	-42.84	-13	PASS
Band5	3	20635	15	#0	QAM16	2543.05	-39.85	-13	PASS
Band5	5	20425	25	#0	QPSK	2688.85	-44.54	-13	PASS
Band5	5	20425	25	#0	QAM16	2654.65	-43.58	-13	PASS
Band5	5	20625	25	#0	QPSK	2540.13	-43.39	-13	PASS
Band5	5	20625	25	#0	QAM16	2544.40	-43.70	-13	PASS
Band5	10	20450	50	#0	QPSK	3298.15	-44.46	-13	PASS
Band5	10	20450	50	#0	QAM16	2668.60	-43.63	-13	PASS
Band5	10	20600	50	#0	QPSK	2678.95	-44.18	-13	PASS
Band5	10	20600	50	#0	QAM16	5971.83	-44.23	-13	PASS

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