Appendix for Band 2

Report No.:	BCTC2312704909-5E
Applicant:	Shenzhen Swage Electronics Co.,Ltd.
Product Name:	Smart watch
Test Model:	D10
Tested Date:	2023-12-04 to 2023-12-18

Shenzhen BCTC Testing Co., Ltd.

Contents

Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement 3
Appendix 2. Frequency stability 10
Appendix 3. Peak-to-Average Ratio 21
Appendix 4. Occupied bandwidth 46
Appendix 5. Band edge 71
Appendix 6. Out-of-band emissions 88

Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	22.28	0.71	22.99	PASS
Band2	1.4	18607	1	#Mid	QPSK	22.32	0.71	23.03	PASS
Band2	1.4	18607	1	#Max	QPSK	22.33	0.71	23.04	PASS
Band2	1.4	18607	3	#0	QPSK	22.11	0.71	22.82	PASS
Band2	1.4	18607	3	#Mid	QPSK	22.18	0.71	22.89	PASS
Band2	1.4	18607	3	#Max	QPSK	22.15	0.71	22.86	PASS
Band2	1.4	18607	6	#0	QPSK	21.03	0.71	21.74	PASS
Band2	1.4	18607	1	#0	16QAM	22.17	0.71	22.88	PASS
Band2	1.4	18607	1	#Mid	16QAM	22.14	0.71	22.85	PASS
Band2	1.4	18607	1	#Max	16QAM	22.15	0.71	22.86	PASS
Band2	1.4	18607	3	#0	16QAM	21.35	0.71	22.06	PASS
Band2	1.4	18607	3	#Mid	16QAM	21.37	0.71	22.08	PASS
Band2	1.4	18607	3	#Max	16QAM	21.37	0.71	22.08	PASS
Band2	1.4	18607	6	#0	16QAM	20.02	0.71	20.73	PASS
Band2	1.4	18900	1	#0	QPSK	22.67	0.71	23.38	PASS
Band2	1.4	18900	1	#Mid	QPSK	22.76	0.71	23.47	PASS
Band2	1.4	18900	1	#Max	QPSK	22.68	0.71	23.39	PASS
Band2	1.4	18900	3	#0	QPSK	22.86	0.71	23.57	PASS
Band2	1.4	18900	3	#Mid	QPSK	22.89	0.71	23.60	PASS
Band2	1.4	18900	3	#Max	QPSK	22.72	0.71	23.43	PASS
Band2	1.4	18900	6	#0	QPSK	21.72	0.71	22.43	PASS
Band2	1.4	18900	1	#0	16QAM	21.93	0.71	22.64	PASS
Band2	1.4	18900	1	#Mid	16QAM	21.97	0.71	22.68	PASS
Band2	1.4	18900	1	#Max	16QAM	21.90	0.71	22.61	PASS
Band2	1.4	18900	3	#0	16QAM	21.84	0.71	22.55	PASS
Band2	1.4	18900	3	#Mid	16QAM	21.83	0.71	22.54	PASS
Band2	1.4	18900	3	#Max	16QAM	21.80	0.71	22.51	PASS
Band2	1.4	18900	6	#0	16QAM	20.81	0.71	21.52	PASS
Band2	1.4	19193	1	#0	QPSK	22.69	0.71	23.40	PASS
Band2	1.4	19193	1	#Mid	QPSK	22.74	0.71	23.45	PASS
Band2	1.4	19193	1	#Max	QPSK	22.76	0.71	23.47	PASS
Band2	1.4	19193	3	#0	QPSK	22.72	0.71	23.43	PASS
Band2	1.4	19193	3	#Mid	QPSK	22.60	0.71	23.31	PASS
Band2	1.4	19193	3	#Max	QPSK	22.69	0.71	23.40	PASS
Band2	1.4	19193	6	#0	QPSK	21.78	0.71	22.49	PASS
Band2	1.4	19193	1	#0	16QAM	22.05	0.71	22.76	PASS
Band2	1.4	19193	1	#Mid	16QAM	22.06	0.71	22.77	PASS

Band2	1.4	19193	1	#Max	16QAM	22.08	0.71	22.79	PASS
Band2	1.4	19193	3	#0	16QAM	22.07	0.71	22.78	PASS
Band2	1.4	19193	3	#Mid	16QAM	22.04	0.71	22.75	PASS
Band2	1.4	19193	3	#Max	16QAM	22.11	0.71	22.82	PASS
Band2	1.4	19193	6	#0	16QAM	20.90	0.71	21.61	PASS
Band2	3	18615	1	#0	QPSK	22.07	0.71	22.78	PASS
Band2	3	18615	1	#Mid	QPSK	22.04	0.71	22.75	PASS
Band2	3	18615	1	#Max	QPSK	22.13	0.71	22.84	PASS
Band2	3	18615	8	#0	QPSK	21.13	0.71	21.84	PASS
Band2	3	18615	8	#Mid	QPSK	21.21	0.71	21.92	PASS
Band2	3	18615	8	#Max	QPSK	21.20	0.71	21.91	PASS
Band2	3	18615	15	#0	QPSK	21.13	0.71	21.84	PASS
Band2	3	18615	1	#0	16QAM	22.25	0.71	22.96	PASS
Band2	3	18615	1	#Mid	16QAM	22.25	0.71	22.96	PASS
Band2	3	18615	1	#Max	16QAM	22.32	0.71	23.03	PASS
Band2	3	18615	8	#0	16QAM	19.93	0.71	20.64	PASS
Band2	3	18615	8	#Mid	16QAM	19.90	0.71	20.61	PASS
Band2	3	18615	8	#Max	16QAM	20.11	0.71	20.82	PASS
Band2	3	18615	15	#0	16QAM	20.07	0.71	20.78	PASS
Band2	3	18900	1	#0	QPSK	22.68	0.71	23.39	PASS
Band2	3	18900	1	#Mid	QPSK	22.74	0.71	23.45	PASS
Band2	3	18900	1	#Max	QPSK	22.73	0.71	23.44	PASS
Band2	3	18900	8	#0	QPSK	21.80	0.71	22.51	PASS
Band2	3	18900	8	#Mid	QPSK	21.78	0.71	22.49	PASS
Band2	3	18900	8	#Max	QPSK	21.67	0.71	22.38	PASS
Band2	3	18900	15	#0	QPSK	21.73	0.71	22.44	PASS
Band2	3	18900	1	#0	16QAM	21.88	0.71	22.59	PASS
Band2	3	18900	1	#Mid	16QAM	21.87	0.71	22.58	PASS
Band2	3	18900	1	#Max	16QAM	21.92	0.71	22.63	PASS
Band2	3	18900	8	#0	16QAM	20.91	0.71	21.62	PASS
Band2	3	18900	8	#Mid	16QAM	20.92	0.71	21.63	PASS
Band2	3	18900	8	#Max	16QAM	20.84	0.71	21.55	PASS
Band2	3	18900	15	#0	16QAM	20.76	0.71	21.47	PASS
Band2	3	19185	1	#0	QPSK	22.69	0.71	23.40	PASS
Band2	3	19185	1	#Mid	QPSK	22.69	0.71	23.40	PASS
Band2	3	19185	1	#Max	QPSK	22.77	0.71	23.48	PASS
Band2	3	19185	8	#0	QPSK	21.69	0.71	22.40	PASS
Band2	3	19185	8	#Mid	QPSK	21.67	0.71	22.38	PASS
Band2	3	19185	8	#Max	QPSK	21.58	0.71	22.29	PASS
Band2	3	19185	15	#0	QPSK	21.69	0.71	22.40	PASS
Band2	3	19185	1	#0	16QAM	22.19	0.71	22.90	PASS
Band2	3	19185	1	#Mid	16QAM	22.06	0.71	22.77	PASS

Band2	3	19185	1	#Max	16QAM	22.06	0.71	22.77	PASS
Band2	3	19185	8	#0	16QAM	20.76	0.71	21.47	PASS
Band2	3	19185	8	#Mid	16QAM	20.70	0.71	21.41	PASS
Band2	3	19185	8	#Max	16QAM	20.68	0.71	21.39	PASS
Band2	3	19185	15	#0	16QAM	20.82	0.71	21.53	PASS
Band2	5	18625	1	#0	QPSK	22.03	0.71	22.74	PASS
Band2	5	18625	1	#Mid	QPSK	22.05	0.71	22.76	PASS
Band2	5	18625	1	#Max	QPSK	22.14	0.71	22.85	PASS
Band2	5	18625	12	#0	QPSK	21.11	0.71	21.82	PASS
Band2	5	18625	12	#Mid	QPSK	21.27	0.71	21.98	PASS
Band2	5	18625	12	#Max	QPSK	21.08	0.71	21.79	PASS
Band2	5	18625	25	#0	QPSK	21.10	0.71	21.81	PASS
Band2	5	18625	1	#0	16QAM	21.49	0.71	22.20	PASS
Band2	5	18625	1	#Mid	16QAM	21.49	0.71	22.20	PASS
Band2	5	18625	1	#Max	16QAM	21.55	0.71	22.26	PASS
Band2	5	18625	12	#0	16QAM	19.88	0.71	20.59	PASS
Band2	5	18625	12	#Mid	16QAM	20.15	0.71	20.86	PASS
Band2	5	18625	12	#Max	16QAM	20.17	0.71	20.88	PASS
Band2	5	18625	25	#0	16QAM	20.23	0.71	20.94	PASS
Band2	5	18900	1	#0	QPSK	22.82	0.71	23.53	PASS
Band2	5	18900	1	#Mid	QPSK	22.81	0.71	23.52	PASS
Band2	5	18900	1	#Max	QPSK	22.83	0.71	23.54	PASS
Band2	5	18900	12	#0	QPSK	21.76	0.71	22.47	PASS
Band2	5	18900	12	#Mid	QPSK	21.82	0.71	22.53	PASS
Band2	5	18900	12	#Max	QPSK	21.73	0.71	22.44	PASS
Band2	5	18900	25	#0	QPSK	21.79	0.71	22.50	PASS
Band2	5	18900	1	#0	16QAM	21.47	0.71	22.18	PASS
Band2	5	18900	1	#Mid	16QAM	21.49	0.71	22.20	PASS
Band2	5	18900	1	#Max	16QAM	21.59	0.71	22.30	PASS
Band2	5	18900	12	#0	16QAM	20.67	0.71	21.38	PASS
Band2	5	18900	12	#Mid	16QAM	20.67	0.71	21.38	PASS
Band2	5	18900	12	#Max	16QAM	20.68	0.71	21.39	PASS
Band2	5	18900	25	#0	16QAM	20.89	0.71	21.60	PASS
Band2	5	19175	1	#0	QPSK	22.76	0.71	23.47	PASS
Band2	5	19175	1	#Mid	QPSK	22.61	0.71	23.32	PASS
Band2	5	19175	1	#Max	QPSK	22.68	0.71	23.39	PASS
Band2	5	19175	12	#0	QPSK	21.63	0.71	22.34	PASS
Band2	5	19175	12	#Mid	QPSK	21.65	0.71	22.36	PASS
Band2	5	19175	12	#Max	QPSK	21.71	0.71	22.42	PASS
Band2	5	19175	25	#0	QPSK	21.59	0.71	22.30	PASS
Band2	5	19175	1	#0	16QAM	21.74	0.71	22.45	PASS
Band2	5	19175	1	#Mid	16QAM	21.70	0.71	22.41	PASS

Band2	5	19175	1	#Max	16QAM	21.66	0.71	22.37	PASS
Band2	5	19175	12	#0	16QAM	20.74	0.71	21.45	PASS
Band2	5	19175	12	#Mid	16QAM	20.71	0.71	21.42	PASS
Band2	5	19175	12	#Max	16QAM	20.68	0.71	21.39	PASS
Band2	5	19175	25	#0	16QAM	20.71	0.71	21.42	PASS
Band2	10	18650	1	#0	QPSK	22.17	0.71	22.88	PASS
Band2	10	18650	1	#Mid	QPSK	22.09	0.71	22.80	PASS
Band2	10	18650	1	#Max	QPSK	22.33	0.71	23.04	PASS
Band2	10	18650	25	#0	QPSK	21.19	0.71	21.90	PASS
Band2	10	18650	25	#Mid	QPSK	21.25	0.71	21.96	PASS
Band2	10	18650	25	#Max	QPSK	21.23	0.71	21.94	PASS
Band2	10	18650	50	#0	QPSK	21.21	0.71	21.92	PASS
Band2	10	18650	1	#0	16QAM	22.28	0.71	22.99	PASS
Band2	10	18650	1	#Mid	16QAM	22.39	0.71	23.10	PASS
Band2	10	18650	1	#Max	16QAM	22.49	0.71	23.20	PASS
Band2	10	18650	25	#0	16QAM	20.18	0.71	20.89	PASS
Band2	10	18650	25	#Mid	16QAM	20.25	0.71	20.96	PASS
Band2	10	18650	25	#Max	16QAM	20.34	0.71	21.05	PASS
Band2	10	18650	50	#0	16QAM	20.29	0.71	21.00	PASS
Band2	10	18900	1	#0	QPSK	22.63	0.71	23.34	PASS
Band2	10	18900	1	#Mid	QPSK	22.64	0.71	23.35	PASS
Band2	10	18900	1	#Max	QPSK	22.63	0.71	23.34	PASS
Band2	10	18900	25	#0	QPSK	21.63	0.71	22.34	PASS
Band2	10	18900	25	#Mid	QPSK	21.70	0.71	22.41	PASS
Band2	10	18900	25	#Max	QPSK	21.75	0.71	22.46	PASS
Band2	10	18900	50	#0	QPSK	21.74	0.71	22.45	PASS
Band2	10	18900	1	#0	16QAM	21.90	0.71	22.61	PASS
Band2	10	18900	1	#Mid	16QAM	21.91	0.71	22.62	PASS
Band2	10	18900	1	#Max	16QAM	21.88	0.71	22.59	PASS
Band2	10	18900	25	#0	16QAM	20.80	0.71	21.51	PASS
Band2	10	18900	25	#Mid	16QAM	20.76	0.71	21.47	PASS
Band2	10	18900	25	#Max	16QAM	20.79	0.71	21.50	PASS
Band2	10	18900	50	#0	16QAM	20.81	0.71	21.52	PASS
Band2	10	19150	1	#0	QPSK	22.78	0.71	23.49	PASS
Band2	10	19150	1	#Mid	QPSK	22.70	0.71	23.41	PASS
Band2	10	19150	1	#Max	QPSK	22.68	0.71	23.39	PASS
Band2	10	19150	25	#0	QPSK	21.67	0.71	22.38	PASS
Band2	10	19150	25	#Mid	QPSK	21.59	0.71	22.30	PASS
Band2	10	19150	25	#Max	QPSK	21.68	0.71	22.39	PASS
Band2	10	19150	50	#0	QPSK	21.63	0.71	22.34	PASS
Band2	10	19150	1	#0	16QAM	21.80	0.71	22.51	PASS
Band2	10	19150	1	#Mid	16QAM	21.82	0.71	22.53	PASS

Band2	10	19150	1	#Max	16QAM	21.75	0.71	22.46	PASS
Band2	10	19150	25	#0	16QAM	20.74	0.71	21.45	PASS
Band2	10	19150	25	#Mid	16QAM	20.76	0.71	21.47	PASS
Band2	10	19150	25	#Max	16QAM	20.74	0.71	21.45	PASS
Band2	10	19150	50	#0	16QAM	20.81	0.71	21.52	PASS
Band2	15	18675	1	#0	QPSK	22.12	0.71	22.83	PASS
Band2	15	18675	1	#Mid	QPSK	22.14	0.71	22.85	PASS
Band2	15	18675	1	#Max	QPSK	22.39	0.71	23.10	PASS
Band2	15	18675	36	#0	QPSK	21.09	0.71	21.80	PASS
Band2	15	18675	36	#Mid	QPSK	21.18	0.71	21.89	PASS
Band2	15	18675	36	#Max	QPSK	21.23	0.71	21.94	PASS
Band2	15	18675	75	#0	QPSK	21.20	0.71	21.91	PASS
Band2	15	18675	1	#0	16QAM	22.26	0.71	22.97	PASS
Band2	15	18675	1	#Mid	16QAM	22.42	0.71	23.13	PASS
Band2	15	18675	1	#Max	16QAM	22.67	0.71	23.38	PASS
Band2	15	18675	36	#0	16QAM	20.31	0.71	21.02	PASS
Band2	15	18675	36	#Mid	16QAM	20.34	0.71	21.05	PASS
Band2	15	18675	36	#Max	16QAM	20.39	0.71	21.10	PASS
Band2	15	18675	75	#0	16QAM	20.31	0.71	21.02	PASS
Band2	15	18900	1	#0	QPSK	22.70	0.71	23.41	PASS
Band2	15	18900	1	#Mid	QPSK	22.72	0.71	23.43	PASS
Band2	15	18900	1	#Max	QPSK	22.65	0.71	23.36	PASS
Band2	15	18900	36	#0	QPSK	21.74	0.71	22.45	PASS
Band2	15	18900	36	#Mid	QPSK	21.70	0.71	22.41	PASS
Band2	15	18900	36	#Max	QPSK	21.66	0.71	22.37	PASS
Band2	15	18900	75	#0	QPSK	21.75	0.71	22.46	PASS
Band2	15	18900	1	#0	16QAM	21.81	0.71	22.52	PASS
Band2	15	18900	1	#Mid	16QAM	21.84	0.71	22.55	PASS
Band2	15	18900	1	#Max	16QAM	21.87	0.71	22.58	PASS
Band2	15	18900	36	#0	16QAM	20.87	0.71	21.58	PASS
Band2	15	18900	36	#Mid	16QAM	20.92	0.71	21.63	PASS
Band2	15	18900	36	#Max	16QAM	20.88	0.71	21.59	PASS
Band2	15	18900	75	#0	16QAM	20.79	0.71	21.50	PASS
Band2	15	19125	1	#0	QPSK	22.67	0.71	23.38	PASS
Band2	15	19125	1	#Mid	QPSK	22.66	0.71	23.37	PASS
Band2	15	19125	1	#Max	QPSK	22.65	0.71	23.36	PASS
Band2	15	19125	36	#0	QPSK	21.76	0.71	22.47	PASS
Band2	15	19125	36	#Mid	QPSK	21.77	0.71	22.48	PASS
Band2	15	19125	36	#Max	QPSK	21.65	0.71	22.36	PASS
Band2	15	19125	75	#0	QPSK	21.81	0.71	22.52	PASS
Band2	15	19125	1	#0	16QAM	22.86	0.71	23.57	PASS
Band2	15	19125	1	#Mid	16QAM	22.84	0.71	23.55	PASS

Band2	15	19125	1	#Max	16QAM	21.21	0.71	21.92	PASS
Band2	15	19125	36	#0	16QAM	21.39	0.71	22.10	PASS
Band2	15	19125	36	#Mid	16QAM	20.82	0.71	21.53	PASS
Band2	15	19125	36	#Max	16QAM	20.85	0.71	21.56	PASS
Band2	15	19125	75	#0	16QAM	20.75	0.71	21.46	PASS
Band2	20	18700	1	#0	QPSK	22.19	0.71	22.90	PASS
Band2	20	18700	1	#Mid	QPSK	22.33	0.71	23.04	PASS
Band2	20	18700	1	#Max	QPSK	22.72	0.71	23.43	PASS
Band2	20	18700	50	#0	QPSK	21.22	0.71	21.93	PASS
Band2	20	18700	50	#Mid	QPSK	21.41	0.71	22.12	PASS
Band2	20	18700	50	#Max	QPSK	21.52	0.71	22.23	PASS
Band2	20	18700	100	#0	QPSK	21.32	0.71	22.03	PASS
Band2	20	18700	1	#0	16QAM	20.81	0.71	21.52	PASS
Band2	20	18700	1	#Mid	16QAM	21.08	0.71	21.79	PASS
Band2	20	18700	1	#Max	16QAM	21.44	0.71	22.15	PASS
Band2	20	18700	50	#0	16QAM	20.46	0.71	21.17	PASS
Band2	20	18700	50	#Mid	16QAM	20.50	0.71	21.21	PASS
Band2	20	18700	50	#Max	16QAM	20.69	0.71	21.40	PASS
Band2	20	18700	100	#0	16QAM	20.46	0.71	21.17	PASS
Band2	20	18900	1	#0	QPSK	22.83	0.71	23.54	PASS
Band2	20	18900	1	#Mid	QPSK	22.88	0.71	23.59	PASS
Band2	20	18900	1	#Max	QPSK	22.85	0.71	23.56	PASS
Band2	20	18900	50	#0	QPSK	21.81	0.71	22.52	PASS
Band2	20	18900	50	#Mid	QPSK	21.84	0.71	22.55	PASS
Band2	20	18900	50	#Max	QPSK	21.89	0.71	22.60	PASS
Band2	20	18900	100	#0	QPSK	21.84	0.71	22.55	PASS
Band2	20	18900	1	#0	16QAM	21.48	0.71	22.19	PASS
Band2	20	18900	1	#Mid	16QAM	21.59	0.71	22.30	PASS
Band2	20	18900	1	#Max	16QAM	21.53	0.71	22.24	PASS
Band2	20	18900	50	#0	16QAM	20.77	0.71	21.48	PASS
Band2	20	18900	50	#Mid	16QAM	20.85	0.71	21.56	PASS
Band2	20	18900	50	#Max	16QAM	20.73	0.71	21.44	PASS
Band2	20	18900	100	#0	16QAM	20.90	0.71	21.61	PASS
Band2	20	19100	1	#0	QPSK	22.91	0.71	23.62	PASS
Band2	20	19100	1	#Mid	QPSK	22.94	0.71	23.65	PASS
Band2	20	19100	1	#Max	QPSK	22.92	0.71	23.63	PASS
Band2	20	19100	50	#0	QPSK	21.68	0.71	22.39	PASS
Band2	20	19100	50	#Mid	QPSK	21.64	0.71	22.35	PASS
Band2	20	19100	50	#Max	QPSK	21.59	0.71	22.30	PASS
Band2	20	19100	100	#0	QPSK	21.66	0.71	22.37	PASS
Band2	20	19100	1	#0	16QAM	21.34	0.71	22.05	PASS
Band2	20	19100	1	#Mid	16QAM	21.30	0.71	22.01	PASS

Band2	20	19100	1	#Max	16QAM	21.22	0.71	21.93	PASS
Band2	20	19100	50	#0	16QAM	20.82	0.71	21.53	PASS
Band2	20	19100	50	#Mid	16QAM	20.80	0.71	21.51	PASS
Band2	20	19100	50	#Max	16QAM	20.83	0.71	21.54	PASS
Band2	20	19100	100	#0	16QAM	20.79	0.71	21.50	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band2	1.4	18607	6	#0	QPSK	LV	NT	-12.80	-0.007	PASS
Band2	1.4	18607	6	#0	QPSK	NV	NT	-12.82	-0.007	PASS
Band2	1.4	18607	6	#0	QPSK	HV	NT	-2.10	-0.001	PASS
Band2	1.4	18607	6	#0	16QAM	LV	NT	19.14	0.010	PASS
Band2	1.4	18607	6	#0	16QAM	NV	NT	25.71	0.014	PASS
Band2	1.4	18607	6	#0	16QAM	HV	NT	24.25	0.013	PASS
Band2	1.4	18900	6	#0	QPSK	LV	NT	1.27	0.001	PASS
Band2	1.4	18900	6	#0	QPSK	NV	NT	33.99	0.018	PASS
Band2	1.4	18900	6	#0	QPSK	HV	NT	31.01	0.016	PASS
Band2	1.4	18900	6	#0	16QAM	LV	NT	23.35	0.012	PASS
Band2	1.4	18900	6	#0	16QAM	NV	NT	-34.95	-0.019	PASS
Band2	1.4	18900	6	#0	16QAM	HV	NT	-38.47	-0.020	PASS
Band2	1.4	19193	6	#0	QPSK	LV	NT	33.13	0.017	PASS
Band2	1.4	19193	6	#0	QPSK	NV	NT	30.21	0.016	PASS
Band2	1.4	19193	6	#0	QPSK	HV	NT	22.93	0.012	PASS
Band2	1.4	19193	6	#0	16QAM	LV	NT	44.55	0.023	PASS
Band2	1.4	19193	6	#0	16QAM	NV	NT	6.07	0.003	PASS
Band2	1.4	19193	6	#0	16QAM	HV	NT	18.80	0.010	PASS
Band2	3	18615	15	#0	QPSK	LV	NT	-2.26	-0.001	PASS
Band2	3	18615	15	#0	QPSK	NV	NT	-5.48	-0.003	PASS
Band2	3	18615	15	#0	QPSK	HV	NT	-2.02	-0.001	PASS
Band2	3	18615	15	#0	16QAM	LV	NT	17.42	0.009	PASS
Band2	3	18615	15	#0	16QAM	NV	NT	43.14	0.023	PASS
Band2	3	18615	15	#0	16QAM	HV	NT	21.04	0.011	PASS
Band2	3	18900	15	#0	QPSK	LV	NT	35.18	0.019	PASS
Band2	3	18900	15	#0	QPSK	NV	NT	15.72	0.008	PASS
Band2	3	18900	15	#0	QPSK	HV	NT	39.50	0.021	PASS
Band2	3	18900	15	#0	16QAM	LV	NT	41.07	0.022	PASS
Band2	3	18900	15	#0	16QAM	NV	NT	20.97	0.011	PASS
Band2	3	18900	15	#0	16QAM	HV	NT	24.22	0.013	PASS
Band2	3	19185	15	#0	QPSK	LV	NT	48.51	0.025	PASS
Band2	3	19185	15	#0	QPSK	NV	NT	7.12	0.004	PASS
Band2	3	19185	15	#0	QPSK	HV	NT	32.84	0.017	PASS
Band2	3	19185	15	#0	16QAM	LV	NT	15.45	0.008	PASS
Band2	3	19185	15	#0	16QAM	NV	NT	25.82	0.014	PASS
Band2	3	19185	15	#0	16QAM	HV	NT	13.70	0.007	PASS
Band2	5	18625	25	#0	QPSK	LV	NT	-12.82	-0.007	PASS

Band2	5	18625	25	#0	QPSK	NV	NT	-17.67	-0.010	PASS
Band2	5	18625	25	#0	QPSK	HV	NT	-10.04	-0.005	PASS
Band2	5	18625	25	#0	16QAM	LV	NT	4.68	0.003	PASS
Band2	5	18625	25	#0	16QAM	NV	NT	23.39	0.013	PASS
Band2	5	18625	25	#0	16QAM	HV	NT	40.21	0.022	PASS
Band2	5	18900	25	#0	QPSK	LV	NT	-21.01	-0.011	PASS
Band2	5	18900	25	#0	QPSK	NV	NT	-23.32	-0.012	PASS
Band2	5	18900	25	#0	QPSK	HV	NT	-7.40	-0.004	PASS
Band2	5	18900	25	#0	16QAM	LV	NT	28.44	0.015	PASS
Band2	5	18900	25	#0	16QAM	NV	NT	20.36	0.011	PASS
Band2	5	18900	25	#0	16QAM	HV	NT	29.20	0.016	PASS
Band2	5	19175	25	#0	QPSK	LV	NT	28.35	0.015	PASS
Band2	5	19175	25	#0	QPSK	NV	NT	19.97	0.010	PASS
Band2	5	19175	25	#0	QPSK	HV	NT	21.87	0.011	PASS
Band2	5	19175	25	#0	16QAM	LV	NT	33.50	0.018	PASS
Band2	5	19175	25	#0	16QAM	NV	NT	2.98	0.002	PASS
Band2	5	19175	25	#0	16QAM	HV	NT	30.86	0.016	PASS
Band2	10	18650	50	#0	QPSK	LV	NT	-31.53	-0.017	PASS
Band2	10	18650	50	#0	QPSK	NV	NT	-22.14	-0.012	PASS
Band2	10	18650	50	#0	QPSK	HV	NT	-4.46	-0.002	PASS
Band2	10	18650	50	#0	16QAM	LV	NT	30.73	0.017	PASS
Band2	10	18650	50	#0	16QAM	NV	NT	30.24	0.016	PASS
Band2	10	18650	50	#0	16QAM	HV	NT	16.19	0.009	PASS
Band2	10	18900	50	#0	QPSK	LV	NT	41.40	0.022	PASS
Band2	10	18900	50	#0	QPSK	NV	NT	13.78	0.007	PASS
Band2	10	18900	50	#0	QPSK	HV	NT	31.36	0.017	PASS
Band2	10	18900	50	#0	16QAM	LV	NT	28.51	0.015	PASS
Band2	10	18900	50	#0	16QAM	NV	NT	23.30	0.012	PASS
Band2	10	18900	50	#0	16QAM	HV	NT	27.22	0.014	PASS
Band2	10	19150	50	#0	QPSK	LV	NT	-5.04	-0.003	PASS
Band2	10	19150	50	#0	QPSK	NV	NT	32.29	0.017	PASS
Band2	10	19150	50	#0	QPSK	HV	NT	23.32	0.012	PASS
Band2	10	19150	50	#0	16QAM	LV	NT	35.95	0.019	PASS
Band2	10	19150	50	#0	16QAM	NV	NT	36.39	0.019	PASS
Band2	10	19150	50	#0	16QAM	HV	NT	34.98	0.018	PASS
Band2	15	18675	75	#0	QPSK	LV	NT	-18.80	-0.010	PASS
Band2	15	18675	75	#0	QPSK	NV	NT	-15.54	-0.008	PASS
Band2	15	18675	75	#0	QPSK	HV	NT	8.07	0.004	PASS
Band2	15	18675	75	#0	16QAM	LV	NT	41.27	0.022	PASS
Band2	15	18675	75	#0	16QAM	NV	NT	24.98	0.013	PASS
Band2	15	18675	75	#0	16QAM	HV	NT	1.82	0.001	PASS
Band2	15	18900	75	#0	QPSK	LV	NT	11.14	0.006	PASS

Band2	15	18900	75	#0	QPSK	NV	NT	30.64	0.016	PASS
Band2	15	18900	75	#0	QPSK	HV	NT	7.61	0.004	PASS
Band2	15	18900	75	#0	16QAM	LV	NT	20.70	0.011	PASS
Band2	15	18900	75	#0	16QAM	NV	NT	33.02	0.018	PASS
Band2	15	18900	75	#0	16QAM	HV	NT	29.40	0.016	PASS
Band2	15	19125	75	#0	QPSK	LV	NT	13.96	0.007	PASS
Band2	15	19125	75	#0	QPSK	NV	NT	31.10	0.016	PASS
Band2	15	19125	75	#0	QPSK	HV	NT	31.37	0.016	PASS
Band2	15	19125	75	#0	16QAM	LV	NT	21.50	0.011	PASS
Band2	15	19125	75	#0	16QAM	NV	NT	24.49	0.013	PASS
Band2	15	19125	75	#0	16QAM	HV	NT	30.40	0.016	PASS
Band2	20	18700	100	#0	QPSK	LV	NT	-30.40	-0.016	PASS
Band2	20	18700	100	#0	QPSK	NV	NT	-2.73	-0.001	PASS
Band2	20	18700	100	#0	QPSK	HV	NT	8.75	0.005	PASS
Band2	20	18700	100	#0	16QAM	LV	NT	36.85	0.020	PASS
Band2	20	18700	100	#0	16QAM	NV	NT	24.49	0.013	PASS
Band2	20	18700	100	#0	16QAM	HV	NT	44.88	0.024	PASS
Band2	20	18900	100	#0	QPSK	LV	NT	16.01	0.009	PASS
Band2	20	18900	100	#0	QPSK	NV	NT	25.02	0.013	PASS
Band2	20	18900	100	#0	QPSK	HV	NT	23.36	0.012	PASS
Band2	20	18900	100	#0	16QAM	LV	NT	26.54	0.014	PASS
Band2	20	18900	100	#0	16QAM	NV	NT	27.28	0.015	PASS
Band2	20	18900	100	#0	16QAM	HV	NT	40.40	0.021	PASS
Band2	20	19100	100	#0	QPSK	LV	NT	-36.66	-0.019	PASS
Band2	20	19100	100	#0	QPSK	NV	NT	18.63	0.010	PASS
Band2	20	19100	100	#0	QPSK	HV	NT	28.32	0.015	PASS
Band2	20	19100	100	#0	16QAM	LV	NT	23.86	0.013	PASS
Band2	20	19100	100	#0	16QAM	NV	NT	24.86	0.013	PASS
Band2	20	19100	100	#0	16QAM	HV	NT	30.07	0.016	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band2	1.4	18607	6	#0	QPSK	NV	-30	-41.17	-0.022	PASS
Band2	1.4	18607	6	#0	QPSK	NV	-20	-39.71	-0.021	PASS
Band2	1.4	18607	6	#0	QPSK	NV	-10	-20.54	-0.011	PASS
Band2	1.4	18607	6	#0	QPSK	NV	0	-29.13	-0.016	PASS
Band2	1.4	18607	6	#0	QPSK	NV	10	-41.97	-0.023	PASS
Band2	1.4	18607	6	#0	QPSK	NV	20	-40.37	-0.022	PASS
Band2	1.4	18607	6	#0	QPSK	NV	30	-24.26	-0.013	PASS
Band2	1.4	18607	6	#0	QPSK	NV	40	-23.76	-0.013	PASS
Band2	1.4	18607	6	#0	QPSK	NV	50	-39.05	-0.021	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-30	-27.78	-0.015	PASS

Band2	1.4	18607	6	#0	16QAM	NV	-20	-19.21	-0.010	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-10	-18.64	-0.010	PASS
Band2	1.4	18607	6	#0	16QAM	NV	0	-27.32	-0.015	PASS
Band2	1.4	18607	6	#0	16QAM	NV	10	-33.59	-0.018	PASS
Band2	1.4	18607	6	#0	16QAM	NV	20	-24.66	-0.013	PASS
Band2	1.4	18607	6	#0	16QAM	NV	30	-19.03	-0.010	PASS
Band2	1.4	18607	6	#0	16QAM	NV	40	-27.29	-0.015	PASS
Band2	1.4	18607	6	#0	16QAM	NV	50	-40.33	-0.022	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-30	-5.97	-0.003	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-20	-29.44	-0.016	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-10	-26.11	-0.014	PASS
Band2	1.4	18900	6	#0	QPSK	NV	0	-24.82	-0.013	PASS
Band2	1.4	18900	6	#0	QPSK	NV	10	-23.37	-0.012	PASS
Band2	1.4	18900	6	#0	QPSK	NV	20	-43.33	-0.023	PASS
Band2	1.4	18900	6	#0	QPSK	NV	30	-18.07	-0.010	PASS
Band2	1.4	18900	6	#0	QPSK	NV	40	-36.35	-0.019	PASS
Band2	1.4	18900	6	#0	QPSK	NV	50	-45.65	-0.024	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-30	-46.25	-0.025	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-20	-43.09	-0.023	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-10	-18.25	-0.010	PASS
Band2	1.4	18900	6	#0	16QAM	NV	0	-27.14	-0.014	PASS
Band2	1.4	18900	6	#0	16QAM	NV	10	-37.08	-0.020	PASS
Band2	1.4	18900	6	#0	16QAM	NV	20	-41.73	-0.022	PASS
Band2	1.4	18900	6	#0	16QAM	NV	30	-44.99	-0.024	PASS
Band2	1.4	18900	6	#0	16QAM	NV	40	-32.16	-0.017	PASS
Band2	1.4	18900	6	#0	16QAM	NV	50	0.76	0.000	PASS
Band2	1.4	19193	6	#0	QPSK	NV	-30	-14.15	-0.007	PASS
Band2	1.4	19193	6	#0	QPSK	NV	-20	-28.11	-0.015	PASS
Band2	1.4	19193	6	#0	QPSK	NV	-10	-34.88	-0.018	PASS
Band2	1.4	19193	6	#0	QPSK	NV	0	-18.01	-0.009	PASS
Band2	1.4	19193	6	#0	QPSK	NV	10	-24.16	-0.013	PASS
Band2	1.4	19193	6	#0	QPSK	NV	20	-30.71	-0.016	PASS
Band2	1.4	19193	6	#0	QPSK	NV	30	-38.84	-0.020	PASS
Band2	1.4	19193	6	#0	QPSK	NV	40	-24.40	-0.013	PASS
Band2	1.4	19193	6	#0	QPSK	NV	50	-43.37	-0.023	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-30	-23.16	-0.012	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-20	-34.16	-0.018	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-10	-41.16	-0.022	PASS
Band2	1.4	19193	6	#0	16QAM	NV	0	-40.70	-0.021	PASS
Band2	1.4	19193	6	#0	16QAM	NV	10	-45.65	-0.024	PASS
Band2	1.4	19193	6	#0	16QAM	NV	20	-42.64	-0.022	PASS
Band2	1.4	19193	6	#0	16QAM	NV	30	-2.96	-0.002	PASS

Band2	1.4	19193	6	#0	16QAM	NV	40	-37.28	-0.020	PASS
Band2	1.4	19193	6	#0	16QAM	NV	50	-45.78	-0.024	PASS
Band2	3	18615	15	#0	QPSK	NV	-30	-10.83	-0.006	PASS
Band2	3	18615	15	#0	QPSK	NV	-20	-41.79	-0.023	PASS
Band2	3	18615	15	#0	QPSK	NV	-10	-9.11	-0.005	PASS
Band2	3	18615	15	#0	QPSK	NV	0	-41.54	-0.022	PASS
Band2	3	18615	15	#0	QPSK	NV	10	-40.00	-0.022	PASS
Band2	3	18615	15	#0	QPSK	NV	20	-24.35	-0.013	PASS
Band2	3	18615	15	#0	QPSK	NV	30	-32.40	-0.017	PASS
Band2	3	18615	15	#0	QPSK	NV	40	-40.15	-0.022	PASS
Band2	3	18615	15	#0	QPSK	NV	50	-35.69	-0.019	PASS
Band2	3	18615	15	#0	16QAM	NV	-30	-13.92	-0.008	PASS
Band2	3	18615	15	#0	16QAM	NV	-20	-7.77	-0.004	PASS
Band2	3	18615	15	#0	16QAM	NV	-10	-33.60	-0.018	PASS
Band2	3	18615	15	#0	16QAM	NV	0	-11.00	-0.006	PASS
Band2	3	18615	15	#0	16QAM	NV	10	-31.80	-0.017	PASS
Band2	3	18615	15	#0	16QAM	NV	20	-53.84	-0.029	PASS
Band2	3	18615	15	#0	16QAM	NV	30	-30.74	-0.017	PASS
Band2	3	18615	15	#0	16QAM	NV	40	-6.44	-0.003	PASS
Band2	3	18615	15	#0	16QAM	NV	50	-30.04	-0.016	PASS
Band2	3	18900	15	#0	QPSK	NV	-30	-3.99	-0.002	PASS
Band2	3	18900	15	#0	QPSK	NV	-20	-37.11	-0.020	PASS
Band2	3	18900	15	#0	QPSK	NV	-10	-31.77	-0.017	PASS
Band2	3	18900	15	#0	QPSK	NV	0	-14.96	-0.008	PASS
Band2	3	18900	15	#0	QPSK	NV	10	-22.99	-0.012	PASS
Band2	3	18900	15	#0	QPSK	NV	20	-28.47	-0.015	PASS
Band2	3	18900	15	#0	QPSK	NV	30	-49.74	-0.026	PASS
Band2	3	18900	15	#0	QPSK	NV	40	-33.97	-0.018	PASS
Band2	3	18900	15	#0	QPSK	NV	50	-12.76	-0.007	PASS
Band2	3	18900	15	#0	16QAM	NV	-30	-45.15	-0.024	PASS
Band2	3	18900	15	#0	16QAM	NV	-20	-27.98	-0.015	PASS
Band2	3	18900	15	#0	16QAM	NV	-10	-37.14	-0.020	PASS
Band2	3	18900	15	#0	16QAM	NV	0	-5.31	-0.003	PASS
Band2	3	18900	15	#0	16QAM	NV	10	-24.58	-0.013	PASS
Band2	3	18900	15	#0	16QAM	NV	20	-44.46	-0.024	PASS
Band2	3	18900	15	#0	16QAM	NV	30	-18.37	-0.010	PASS
Band2	3	18900	15	#0	16QAM	NV	40	0.00	0.000	PASS
Band2	3	18900	15	#0	16QAM	NV	50	0.00	0.000	PASS
Band2	3	19185	15	#0	QPSK	NV	-30	22.65	0.012	PASS
Band2	3	19185	15	#0	QPSK	NV	-20	-43.17	-0.023	PASS
Band2	3	19185	15	#0	QPSK	NV	-10	-18.80	-0.010	PASS
Band2	3	19185	15	#0	QPSK	NV	0	-29.93	-0.016	PASS

Band2	3	19185	15	#0	QPSK	NV	10	-10.10	-0.005	PASS
Band2	3	19185	15	#0	QPSK	NV	20	-28.77	-0.015	PASS
Band2	3	19185	15	#0	QPSK	NV	30	-24.46	-0.013	PASS
Band2	3	19185	15	#0	QPSK	NV	40	-28.41	-0.015	PASS
Band2	3	19185	15	#0	QPSK	NV	50	-17.84	-0.009	PASS
Band2	3	19185	15	#0	16QAM	NV	-30	-23.57	-0.012	PASS
Band2	3	19185	15	#0	16QAM	NV	-20	-12.65	-0.007	PASS
Band2	3	19185	15	#0	16QAM	NV	-10	-11.33	-0.006	PASS
Band2	3	19185	15	#0	16QAM	NV	0	-38.81	-0.020	PASS
Band2	3	19185	15	#0	16QAM	NV	10	-32.39	-0.017	PASS
Band2	3	19185	15	#0	16QAM	NV	20	-44.02	-0.023	PASS
Band2	3	19185	15	#0	16QAM	NV	30	-33.89	-0.018	PASS
Band2	3	19185	15	#0	16QAM	NV	40	-45.69	-0.024	PASS
Band2	3	19185	15	#0	16QAM	NV	50	-42.44	-0.022	PASS
Band2	5	18625	25	#0	QPSK	NV	-30	-22.87	-0.012	PASS
Band2	5	18625	25	#0	QPSK	NV	-20	-36.35	-0.020	PASS
Band2	5	18625	25	#0	QPSK	NV	-10	-17.19	-0.009	PASS
Band2	5	18625	25	#0	QPSK	NV	0	-8.65	-0.005	PASS
Band2	5	18625	25	#0	QPSK	NV	10	-27.25	-0.015	PASS
Band2	5	18625	25	#0	QPSK	NV	20	-33.47	-0.018	PASS
Band2	5	18625	25	#0	QPSK	NV	30	-30.11	-0.016	PASS
Band2	5	18625	25	#0	QPSK	NV	40	-16.32	-0.009	PASS
Band2	5	18625	25	#0	QPSK	NV	50	-27.88	-0.015	PASS
Band2	5	18625	25	#0	16QAM	NV	-30	-1.16	-0.001	PASS
Band2	5	18625	25	#0	16QAM	NV	-20	-12.30	-0.007	PASS
Band2	5	18625	25	#0	16QAM	NV	-10	-24.62	-0.013	PASS
Band2	5	18625	25	#0	16QAM	NV	0	-32.04	-0.017	PASS
Band2	5	18625	25	#0	16QAM	NV	10	-39.01	-0.021	PASS
Band2	5	18625	25	#0	16QAM	NV	20	-19.76	-0.011	PASS
Band2	5	18625	25	#0	16QAM	NV	30	-1.22	-0.001	PASS
Band2	5	18625	25	#0	16QAM	NV	40	-9.28	-0.005	PASS
Band2	5	18625	25	#0	16QAM	NV	50	-15.38	-0.008	PASS
Band2	5	18900	25	#0	QPSK	NV	-30	-7.97	-0.004	PASS
Band2	5	18900	25	#0	QPSK	NV	-20	-17.38	-0.009	PASS
Band2	5	18900	25	#0	QPSK	NV	-10	-23.89	-0.013	PASS
Band2	5	18900	25	#0	QPSK	NV	0	-31.57	-0.017	PASS
Band2	5	18900	25	#0	QPSK	NV	10	-37.52	-0.020	PASS
Band2	5	18900	25	#0	QPSK	NV	20	-38.05	-0.020	PASS
Band2	5	18900	25	#0	QPSK	NV	30	-23.96	-0.013	PASS
Band2	5	18900	25	#0	QPSK	NV	40	-0.43	0.000	PASS
Band2	5	18900	25	#0	QPSK	NV	50	-0.33	0.000	PASS
Band2	5	18900	25	#0	16QAM	NV	-30	-0.40	0.000	PASS

Band2	5	18900	25	#0	16QAM	NV	-20	-0.39	0.000	PASS
Band2	5	18900	25	#0	16QAM	NV	-10	-3.81	-0.002	PASS
Band2	5	18900	25	#0	16QAM	NV	0	-4.38	-0.002	PASS
Band2	5	18900	25	#0	16QAM	NV	10	-1.46	-0.001	PASS
Band2	5	18900	25	#0	16QAM	NV	20	-1.42	-0.001	PASS
Band2	5	18900	25	#0	16QAM	NV	30	1.89	0.001	PASS
Band2	5	18900	25	#0	16QAM	NV	40	2.32	0.001	PASS
Band2	5	18900	25	#0	16QAM	NV	50	5.18	0.003	PASS
Band2	5	19175	25	#0	QPSK	NV	-30	-1.12	-0.001	PASS
Band2	5	19175	25	#0	QPSK	NV	-20	-6.37	-0.003	PASS
Band2	5	19175	25	#0	QPSK	NV	-10	-8.04	-0.004	PASS
Band2	5	19175	25	#0	QPSK	NV	0	-9.73	-0.005	PASS
Band2	5	19175	25	#0	QPSK	NV	10	-2.63	-0.001	PASS
Band2	5	19175	25	#0	QPSK	NV	20	2.09	0.001	PASS
Band2	5	19175	25	#0	QPSK	NV	30	11.22	0.006	PASS
Band2	5	19175	25	#0	QPSK	NV	40	18.60	0.010	PASS
Band2	5	19175	25	#0	QPSK	NV	50	26.58	0.014	PASS
Band2	5	19175	25	#0	16QAM	NV	-30	37.68	0.020	PASS
Band2	5	19175	25	#0	16QAM	NV	-20	35.49	0.019	PASS
Band2	5	19175	25	#0	16QAM	NV	-10	2.89	0.002	PASS
Band2	5	19175	25	#0	16QAM	NV	0	16.28	0.009	PASS
Band2	5	19175	25	#0	16QAM	NV	10	19.30	0.010	PASS
Band2	5	19175	25	#0	16QAM	NV	20	28.75	0.015	PASS
Band2	5	19175	25	#0	16QAM	NV	30	35.33	0.019	PASS
Band2	5	19175	25	#0	16QAM	NV	40	45.42	0.024	PASS
Band2	5	19175	25	#0	16QAM	NV	50	15.96	0.008	PASS
Band2	10	18650	50	#0	QPSK	NV	-30	-40.28	-0.022	PASS
Band2	10	18650	50	#0	QPSK	NV	-20	-25.35	-0.014	PASS
Band2	10	18650	50	#0	QPSK	NV	-10	-33.27	-0.018	PASS
Band2	10	18650	50	#0	QPSK	NV	0	-34.73	-0.019	PASS
Band2	10	18650	50	#0	QPSK	NV	10	-28.81	-0.016	PASS
Band2	10	18650	50	#0	QPSK	NV	20	-23.89	-0.013	PASS
Band2	10	18650	50	#0	QPSK	NV	30	-18.22	-0.010	PASS
Band2	10	18650	50	#0	QPSK	NV	40	-15.34	-0.008	PASS
Band2	10	18650	50	#0	QPSK	NV	50	-8.33	-0.004	PASS
Band2	10	18650	50	#0	16QAM	NV	-30	0.09	0.000	PASS
Band2	10	18650	50	#0	16QAM	NV	-20	9.81	0.005	PASS
Band2	10	18650	50	#0	16QAM	NV	-10	20.17	0.011	PASS
Band2	10	18650	50	#0	16QAM	NV	0	26.45	0.014	PASS
Band2	10	18650	50	#0	16QAM	NV	10	31.40	0.017	PASS
Band2	10	18650	50	#0	16QAM	NV	20	37.06	0.020	PASS
Band2	10	18650	50	#0	16QAM	NV	30	42.13	0.023	PASS

Band2	10	18650	50	#0	16QAM	NV	40	13.65	0.007	PASS
Band2	10	18650	50	#0	16QAM	NV	50	19.93	0.011	PASS
Band2	10	18900	50	#0	QPSK	NV	-30	10.57	0.006	PASS
Band2	10	18900	50	#0	QPSK	NV	-20	12.29	0.007	PASS
Band2	10	18900	50	#0	QPSK	NV	-10	18.20	0.010	PASS
Band2	10	18900	50	#0	QPSK	NV	0	27.91	0.015	PASS
Band2	10	18900	50	#0	QPSK	NV	10	37.18	0.020	PASS
Band2	10	18900	50	#0	QPSK	NV	20	51.04	0.027	PASS
Band2	10	18900	50	#0	QPSK	NV	30	6.85	0.004	PASS
Band2	10	18900	50	#0	QPSK	NV	40	20.40	0.011	PASS
Band2	10	18900	50	#0	QPSK	NV	50	31.34	0.017	PASS
Band2	10	18900	50	#0	16QAM	NV	-30	18.94	0.010	PASS
Band2	10	18900	50	#0	16QAM	NV	-20	38.05	0.020	PASS
Band2	10	18900	50	#0	16QAM	NV	-10	50.34	0.027	PASS
Band2	10	18900	50	#0	16QAM	NV	0	9.40	0.005	PASS
Band2	10	18900	50	#0	16QAM	NV	10	18.55	0.010	PASS
Band2	10	18900	50	#0	16QAM	NV	20	28.85	0.015	PASS
Band2	10	18900	50	#0	16QAM	NV	30	-6.62	-0.004	PASS
Band2	10	18900	50	#0	16QAM	NV	40	7.24	0.004	PASS
Band2	10	18900	50	#0	16QAM	NV	50	20.86	0.011	PASS
Band2	10	19150	50	#0	QPSK	NV	-30	-25.05	-0.013	PASS
Band2	10	19150	50	#0	QPSK	NV	-20	-26.88	-0.014	PASS
Band2	10	19150	50	#0	QPSK	NV	-10	-12.55	-0.007	PASS
Band2	10	19150	50	#0	QPSK	NV	0	8.50	0.004	PASS
Band2	10	19150	50	#0	QPSK	NV	10	37.35	0.020	PASS
Band2	10	19150	50	#0	QPSK	NV	20	31.60	0.017	PASS
Band2	10	19150	50	#0	QPSK	NV	30	0.64	0.000	PASS
Band2	10	19150	50	#0	QPSK	NV	40	33.36	0.018	PASS
Band2	10	19150	50	#0	QPSK	NV	50	26.44	0.014	PASS
Band2	10	19150	50	#0	16QAM	NV	-30	26.35	0.014	PASS
Band2	10	19150	50	#0	16QAM	NV	-20	32.72	0.017	PASS
Band2	10	19150	50	#0	16QAM	NV	-10	0.00	0.000	PASS
Band2	10	19150	50	#0	16QAM	NV	0	0.00	0.000	PASS
Band2	10	19150	50	#0	16QAM	NV	10	0.00	0.000	PASS
Band2	10	19150	50	#0	16QAM	NV	20	0.00	0.000	PASS
Band2	15	18675	75	#0	QPSK	NV	-30	-7.20	-0.004	PASS
Band2	15	18675	75	#0	QPSK	NV	-20	-30.20	-0.016	PASS
Band2	15	18675	75	#0	QPSK	NV	-10	-40.61	-0.022	PASS
Band2	15	18675	75	#0	QPSK	NV	0	-46.99	-0.025	PASS
Band2	15	18675	75	#0	QPSK	NV	10	-44.99	-0.024	PASS
Band2	15	18675	75	#0	QPSK	NV	20	-42.29	-0.023	PASS
Band2	15	18675	75	#0	QPSK	NV	30	-33.26	-0.018	PASS

Band2	15	18675	75	#0	QPSK	NV	40	-24.52	-0.013	PASS
Band2	15	18675	75	#0	QPSK	NV	50	-13.63	-0.007	PASS
Band2	15	18675	75	#0	16QAM	NV	-30	0.80	0.000	PASS
Band2	15	18675	75	#0	16QAM	NV	-20	17.25	0.009	PASS
Band2	15	18675	75	#0	16QAM	NV	-10	31.37	0.017	PASS
Band2	15	18675	75	#0	16QAM	NV	0	-0.33	0.000	PASS
Band2	15	18675	75	#0	16QAM	NV	10	10.27	0.006	PASS
Band2	15	18675	75	#0	16QAM	NV	20	26.21	0.014	PASS
Band2	15	18675	75	#0	16QAM	NV	30	33.99	0.018	PASS
Band2	15	18675	75	#0	16QAM	NV	40	45.88	0.025	PASS
Band2	15	18675	75	#0	16QAM	NV	50	18.78	0.010	PASS
Band2	15	18900	75	#0	QPSK	NV	-30	11.12	0.006	PASS
Band2	15	18900	75	#0	QPSK	NV	-20	21.63	0.012	PASS
Band2	15	18900	75	#0	QPSK	NV	-10	38.12	0.020	PASS
Band2	15	18900	75	#0	QPSK	NV	0	8.07	0.004	PASS
Band2	15	18900	75	#0	QPSK	NV	10	25.81	0.014	PASS
Band2	15	18900	75	#0	QPSK	NV	20	0.31	0.000	PASS
Band2	15	18900	75	#0	QPSK	NV	30	25.38	0.014	PASS
Band2	15	18900	75	#0	QPSK	NV	40	29.04	0.015	PASS
Band2	15	18900	75	#0	QPSK	NV	50	31.97	0.017	PASS
Band2	15	18900	75	#0	16QAM	NV	-30	18.83	0.010	PASS
Band2	15	18900	75	#0	16QAM	NV	-20	40.40	0.021	PASS
Band2	15	18900	75	#0	16QAM	NV	-10	22.77	0.012	PASS
Band2	15	18900	75	#0	16QAM	NV	0	1.95	0.001	PASS
Band2	15	18900	75	#0	16QAM	NV	10	10.56	0.006	PASS
Band2	15	18900	75	#0	16QAM	NV	20	21.82	0.012	PASS
Band2	15	18900	75	#0	16QAM	NV	30	33.23	0.018	PASS
Band2	15	18900	75	#0	16QAM	NV	40	38.80	0.021	PASS
Band2	15	18900	75	#0	16QAM	NV	50	26.66	0.014	PASS
Band2	15	19125	75	#0	QPSK	NV	-30	24.81	0.013	PASS
Band2	15	19125	75	#0	QPSK	NV	-20	18.60	0.010	PASS
Band2	15	19125	75	#0	QPSK	NV	-10	21.76	0.011	PASS
Band2	15	19125	75	#0	QPSK	NV	0	28.42	0.015	PASS
Band2	15	19125	75	#0	QPSK	NV	10	7.10	0.004	PASS
Band2	15	19125	75	#0	QPSK	NV	20	23.27	0.012	PASS
Band2	15	19125	75	#0	QPSK	NV	30	15.05	0.008	PASS
Band2	15	19125	75	#0	QPSK	NV	40	28.24	0.015	PASS
Band2	15	19125	75	#0	QPSK	NV	50	19.45	0.010	PASS
Band2	15	19125	75	#0	16QAM	NV	-30	21.62	0.011	PASS
Band2	15	19125	75	#0	16QAM	NV	-20	17.01	0.009	PASS
Band2	15	19125	75	#0	16QAM	NV	-10	42.74	0.022	PASS
Band2	15	19125	75	#0	16QAM	NV	0	0.51	0.000	PASS

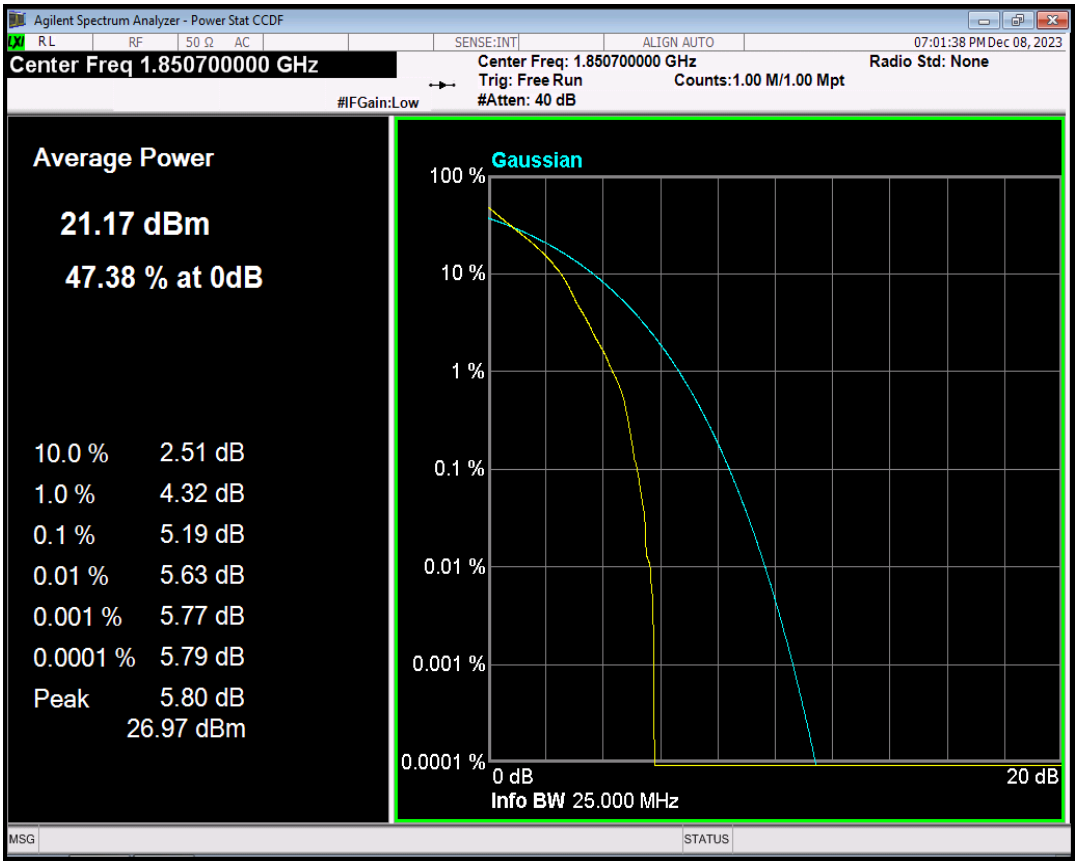
Band2	15	19125	75	#0	16QAM	NV	10	14.22	0.007	PASS
Band2	15	19125	75	#0	16QAM	NV	20	32.19	0.017	PASS
Band2	15	19125	75	#0	16QAM	NV	30	8.80	0.005	PASS
Band2	15	19125	75	#0	16QAM	NV	40	22.89	0.012	PASS
Band2	15	19125	75	#0	16QAM	NV	50	38.12	0.020	PASS
Band2	20	18700	100	#0	QPSK	NV	-30	-11.12	-0.006	PASS
Band2	20	18700	100	#0	QPSK	NV	-20	-19.50	-0.010	PASS
Band2	20	18700	100	#0	QPSK	NV	-10	-23.59	-0.013	PASS
Band2	20	18700	100	#0	QPSK	NV	0	-11.87	-0.006	PASS
Band2	20	18700	100	#0	QPSK	NV	10	10.30	0.006	PASS
Band2	20	18700	100	#0	QPSK	NV	20	36.86	0.020	PASS
Band2	20	18700	100	#0	QPSK	NV	30	11.87	0.006	PASS
Band2	20	18700	100	#0	QPSK	NV	40	42.46	0.023	PASS
Band2	20	18700	100	#0	QPSK	NV	50	32.70	0.018	PASS
Band2	20	18700	100	#0	16QAM	NV	-30	12.45	0.007	PASS
Band2	20	18700	100	#0	16QAM	NV	-20	36.74	0.020	PASS
Band2	20	18700	100	#0	16QAM	NV	-10	37.28	0.020	PASS
Band2	20	18700	100	#0	16QAM	NV	0	11.94	0.006	PASS
Band2	20	18700	100	#0	16QAM	NV	10	16.12	0.009	PASS
Band2	20	18700	100	#0	16QAM	NV	20	25.16	0.014	PASS
Band2	20	18700	100	#0	16QAM	NV	30	39.78	0.021	PASS
Band2	20	18700	100	#0	16QAM	NV	40	-4.21	-0.002	PASS
Band2	20	18700	100	#0	16QAM	NV	50	6.52	0.004	PASS
Band2	20	18900	100	#0	QPSK	NV	-30	-13.53	-0.007	PASS
Band2	20	18900	100	#0	QPSK	NV	-20	4.52	0.002	PASS
Band2	20	18900	100	#0	QPSK	NV	-10	32.77	0.017	PASS
Band2	20	18900	100	#0	QPSK	NV	0	36.21	0.019	PASS
Band2	20	18900	100	#0	QPSK	NV	10	15.36	0.008	PASS
Band2	20	18900	100	#0	QPSK	NV	20	21.41	0.011	PASS
Band2	20	18900	100	#0	QPSK	NV	30	3.50	0.002	PASS
Band2	20	18900	100	#0	QPSK	NV	40	30.96	0.016	PASS
Band2	20	18900	100	#0	QPSK	NV	50	15.99	0.009	PASS
Band2	20	18900	100	#0	16QAM	NV	-30	12.69	0.007	PASS
Band2	20	18900	100	#0	16QAM	NV	-20	29.78	0.016	PASS
Band2	20	18900	100	#0	16QAM	NV	-10	32.22	0.017	PASS
Band2	20	18900	100	#0	16QAM	NV	0	31.79	0.017	PASS
Band2	20	18900	100	#0	16QAM	NV	10	30.77	0.016	PASS
Band2	20	18900	100	#0	16QAM	NV	20	28.10	0.015	PASS
Band2	20	18900	100	#0	16QAM	NV	30	26.54	0.014	PASS
Band2	20	18900	100	#0	16QAM	NV	40	24.68	0.013	PASS
Band2	20	19100	100	#0	QPSK	NV	-30	-25.31	-0.013	PASS
Band2	20	19100	100	#0	QPSK	NV	-20	1.86	0.001	PASS

Band2	20	19100	100	#0	QPSK	NV	-10	30.13	0.016	PASS
Band2	20	19100	100	#0	QPSK	NV	0	17.25	0.009	PASS
Band2	20	19100	100	#0	QPSK	NV	10	34.06	0.018	PASS
Band2	20	19100	100	#0	QPSK	NV	20	20.87	0.011	PASS
Band2	20	19100	100	#0	QPSK	NV	30	29.35	0.015	PASS
Band2	20	19100	100	#0	QPSK	NV	40	29.67	0.016	PASS
Band2	20	19100	100	#0	QPSK	NV	50	23.23	0.012	PASS
Band2	20	19100	100	#0	16QAM	NV	-30	33.22	0.017	PASS
Band2	20	19100	100	#0	16QAM	NV	-20	24.59	0.013	PASS
Band2	20	19100	100	#0	16QAM	NV	-10	17.75	0.009	PASS
Band2	20	19100	100	#0	16QAM	NV	0	11.04	0.006	PASS
Band2	20	19100	100	#0	16QAM	NV	10	18.38	0.010	PASS
Band2	20	19100	100	#0	16QAM	NV	20	31.21	0.016	PASS
Band2	20	19100	100	#0	16QAM	NV	30	13.68	0.007	PASS
Band2	20	19100	100	#0	16QAM	NV	40	21.04	0.011	PASS
Band2	20	19100	100	#0	16QAM	NV	50	27.28	0.014	PASS

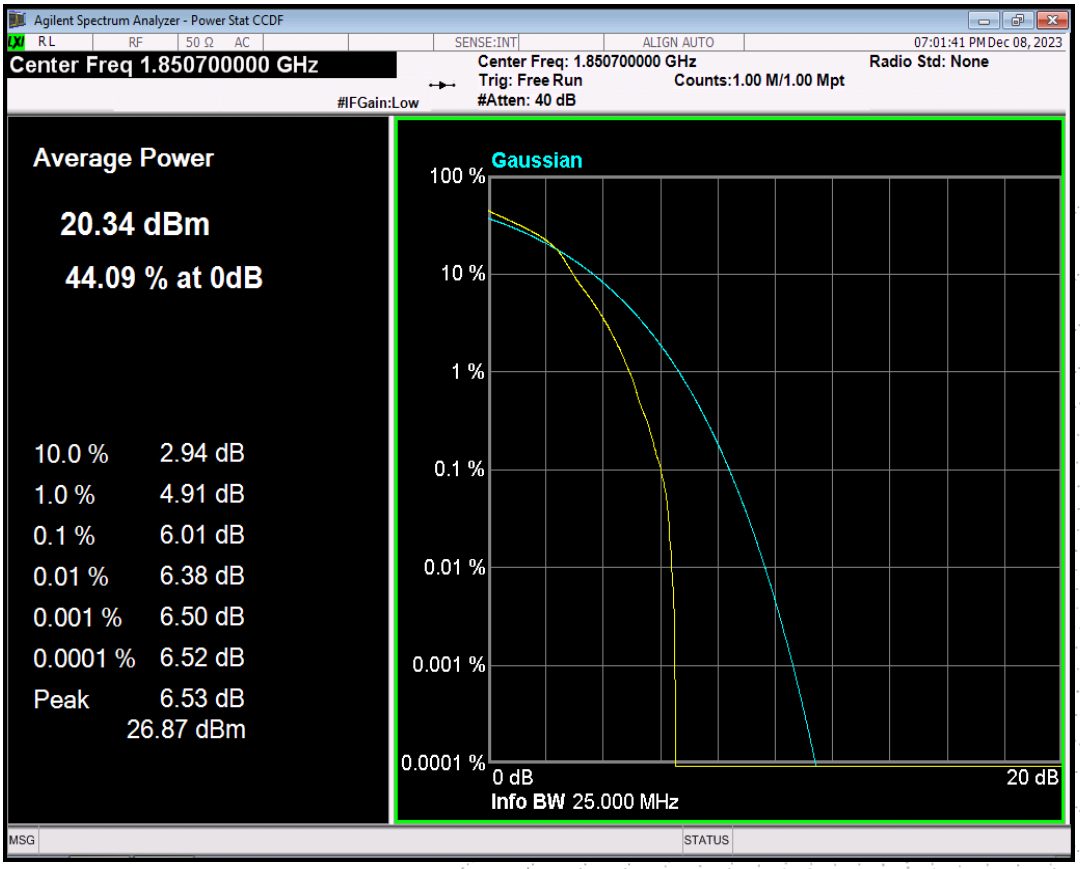
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	5.19	13	PASS
Band2	1.4	18607	1	#0	16QAM	6.01	13	PASS
Band2	1.4	18900	1	#0	QPSK	4.58	13	PASS
Band2	1.4	18900	1	#0	16QAM	5.16	13	PASS
Band2	1.4	19193	1	#0	QPSK	4.32	13	PASS
Band2	1.4	19193	1	#0	16QAM	5.53	13	PASS
Band2	3	18615	1	#0	QPSK	5.23	13	PASS
Band2	3	18615	1	#0	16QAM	6.12	13	PASS
Band2	3	18900	1	#0	QPSK	4.50	13	PASS
Band2	3	18900	1	#0	16QAM	5.11	13	PASS
Band2	3	19185	1	#0	QPSK	4.39	13	PASS
Band2	3	19185	1	#0	16QAM	5.17	13	PASS
Band2	5	18625	1	#0	QPSK	5.32	13	PASS
Band2	5	18625	1	#0	16QAM	5.95	13	PASS
Band2	5	18900	1	#0	QPSK	4.22	13	PASS
Band2	5	18900	1	#0	16QAM	5.01	13	PASS
Band2	5	19175	1	#0	QPSK	4.04	13	PASS
Band2	5	19175	1	#0	16QAM	4.95	13	PASS
Band2	10	18650	1	#0	QPSK	5.23	13	PASS
Band2	10	18650	1	#0	16QAM	6.19	13	PASS
Band2	10	18900	1	#0	QPSK	4.22	13	PASS
Band2	10	18900	1	#0	16QAM	4.92	13	PASS
Band2	10	19150	1	#0	QPSK	4.06	13	PASS
Band2	10	19150	1	#0	16QAM	5.09	13	PASS
Band2	15	18675	1	#0	QPSK	5.12	13	PASS
Band2	15	18675	1	#0	16QAM	5.89	13	PASS
Band2	15	18900	1	#0	QPSK	4.25	13	PASS
Band2	15	18900	1	#0	16QAM	5.24	13	PASS
Band2	15	19125	1	#0	QPSK	4.16	13	PASS
Band2	15	19125	1	#0	16QAM	5.16	13	PASS
Band2	20	18700	1	#0	QPSK	5.06	13	PASS
Band2	20	18700	1	#0	16QAM	5.66	13	PASS
Band2	20	18900	1	#0	QPSK	4.30	13	PASS
Band2	20	18900	1	#0	16QAM	5.40	13	PASS
Band2	20	19100	1	#0	QPSK	3.86	13	PASS
Band2	20	19100	1	#0	16QAM	4.79	13	PASS

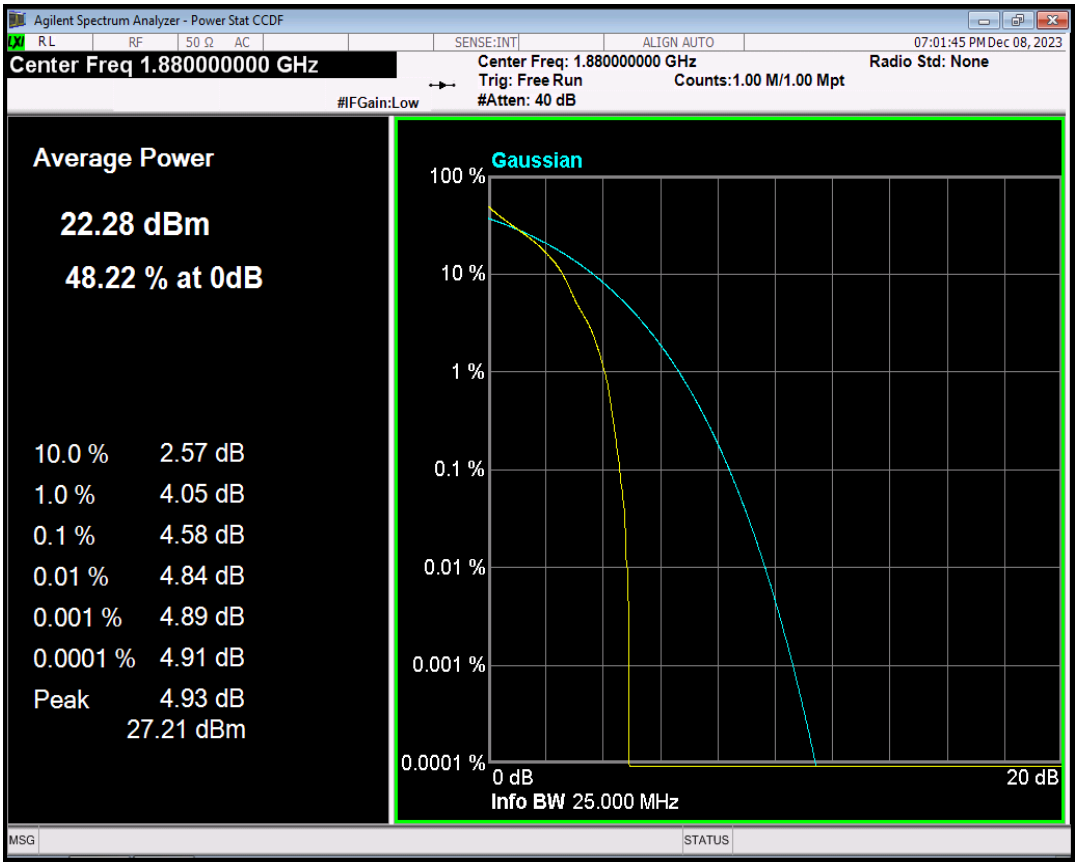
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



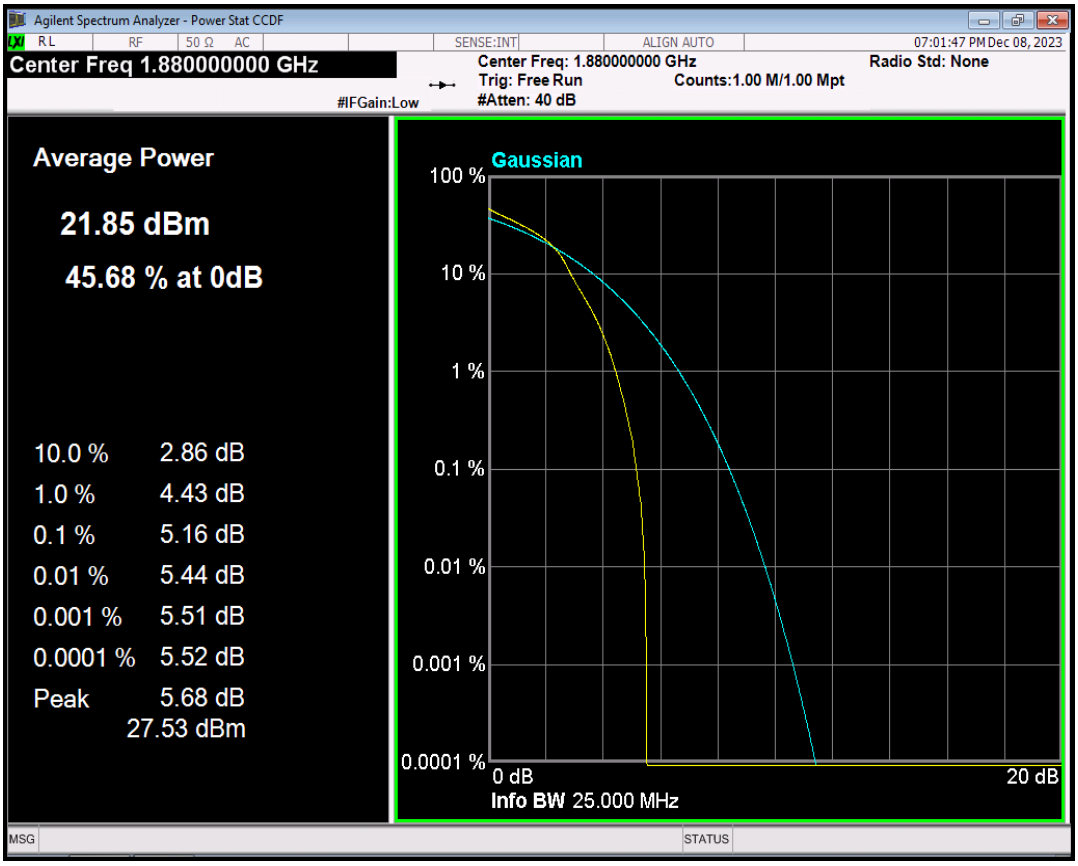
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



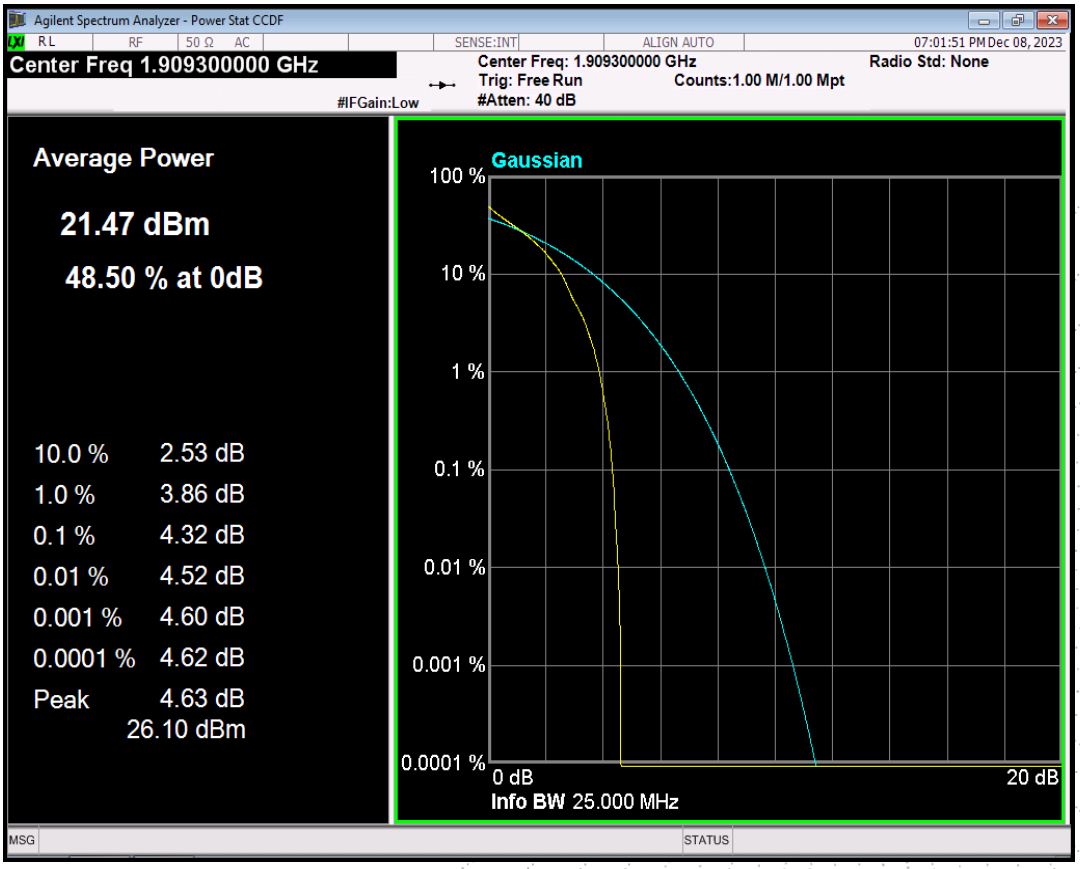
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



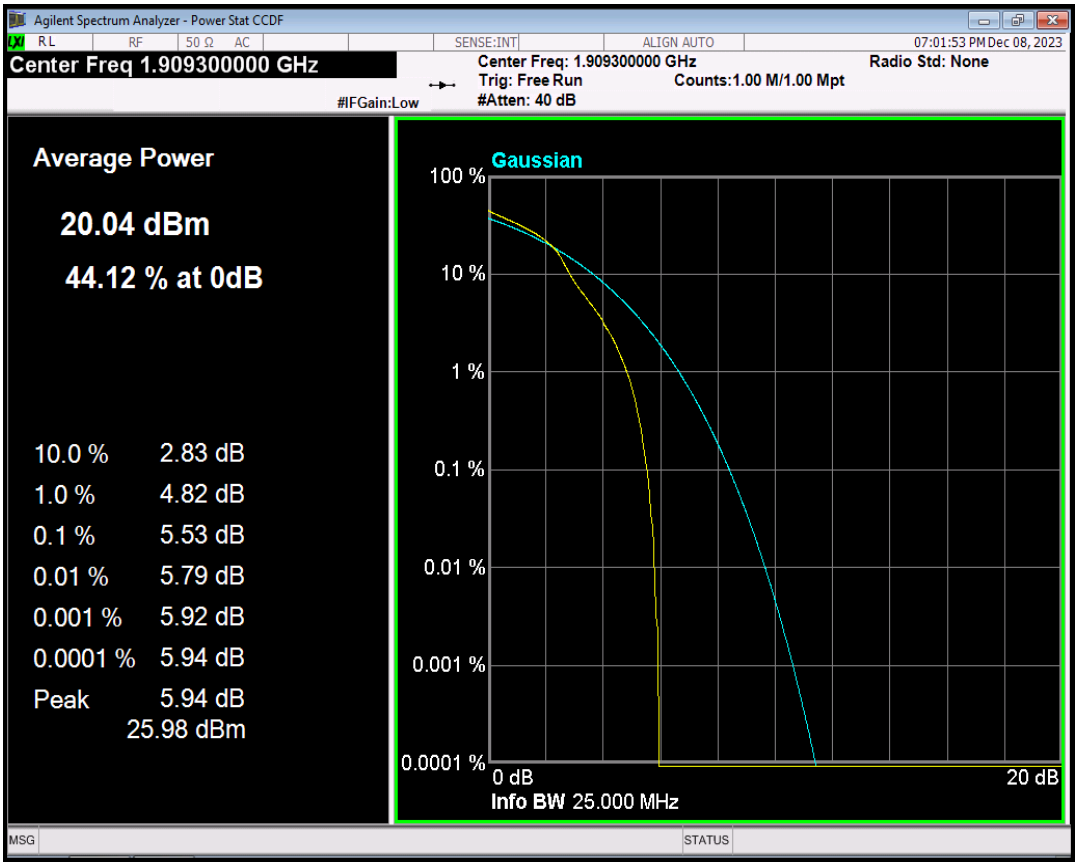
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



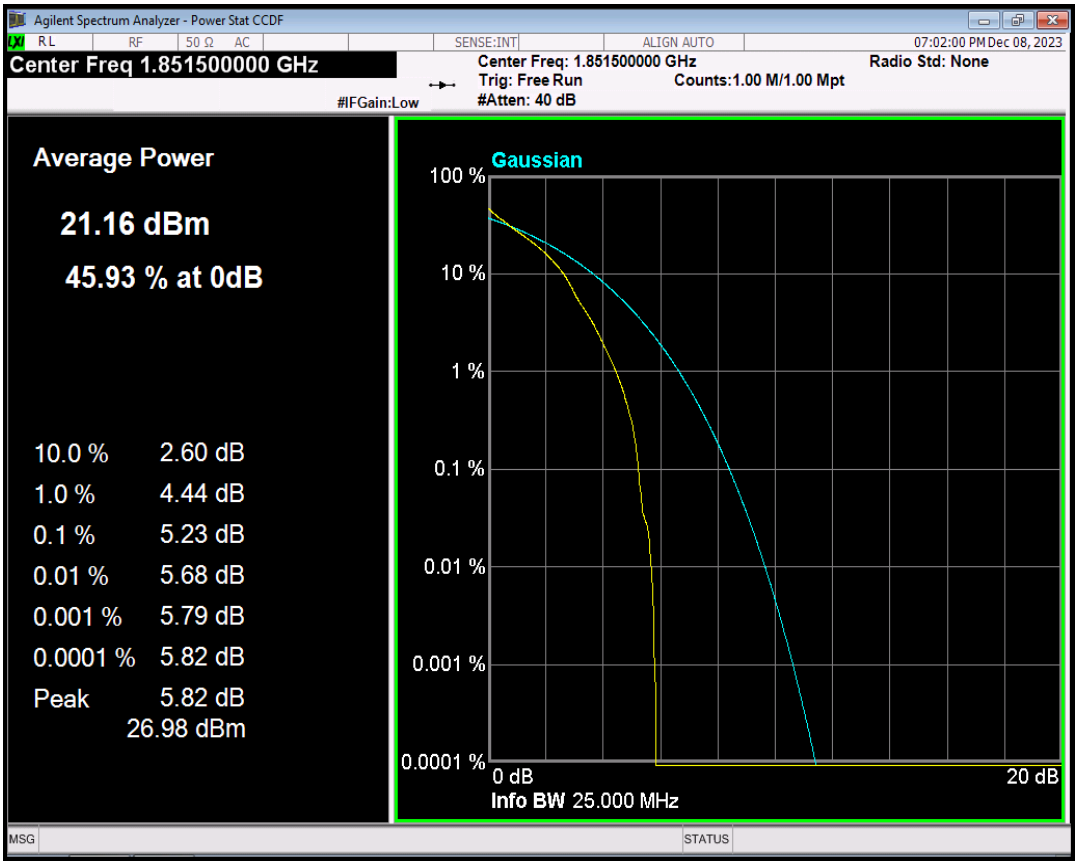
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



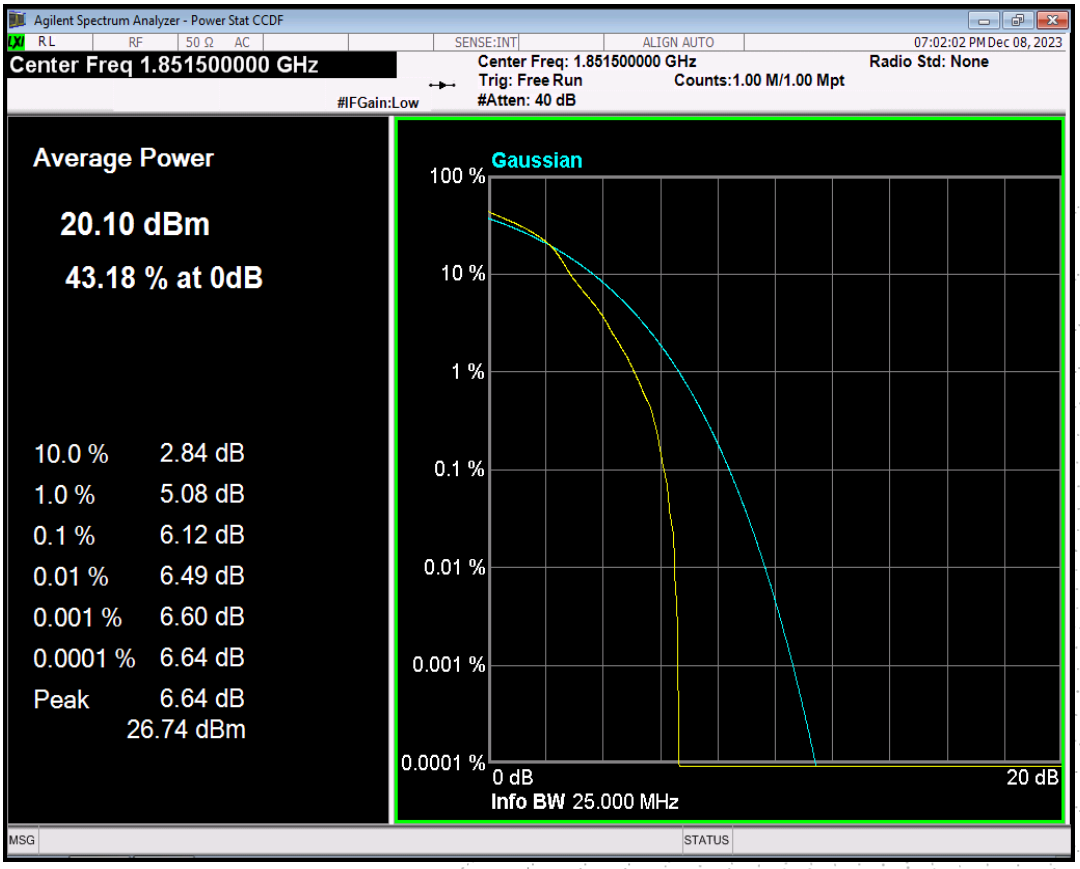
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



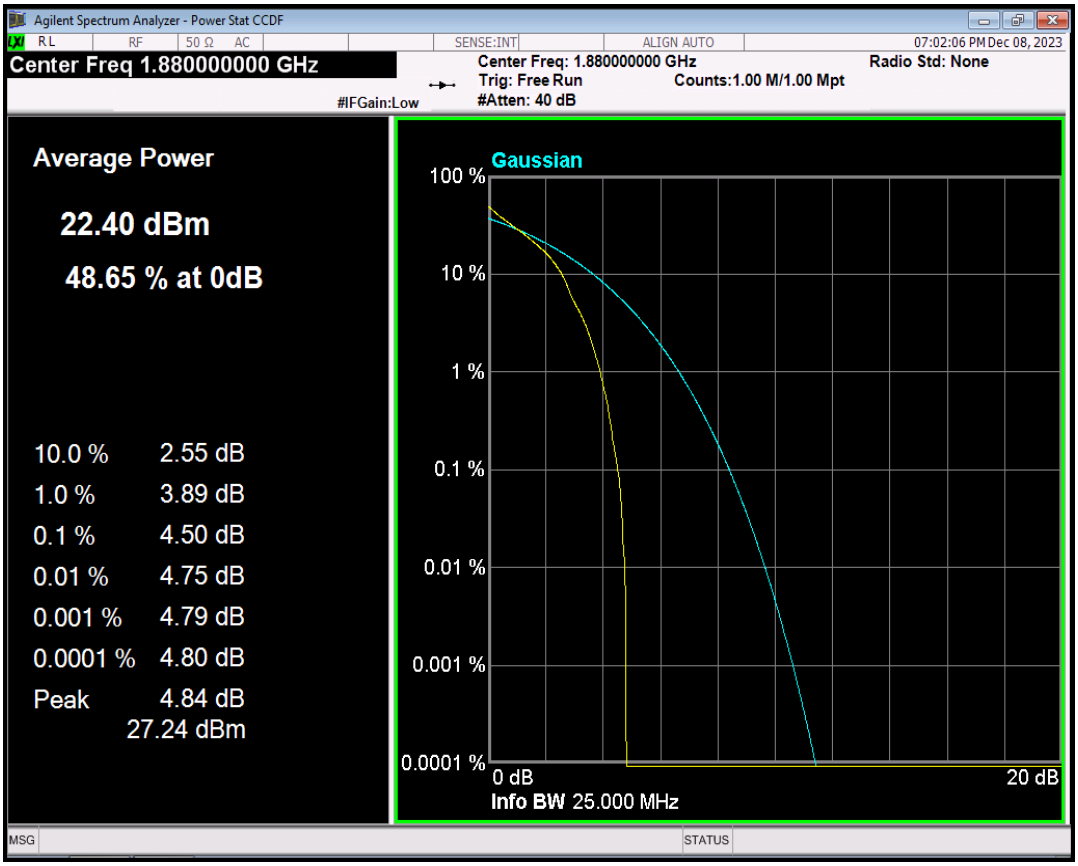
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



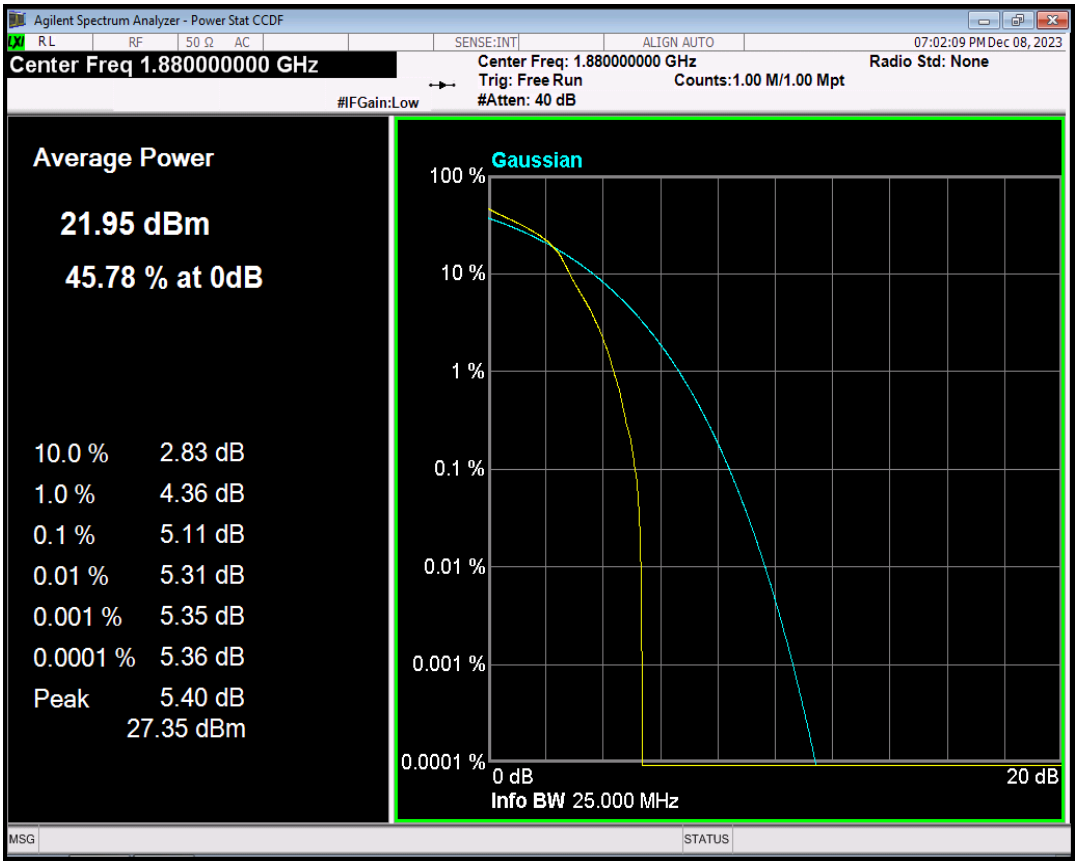
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



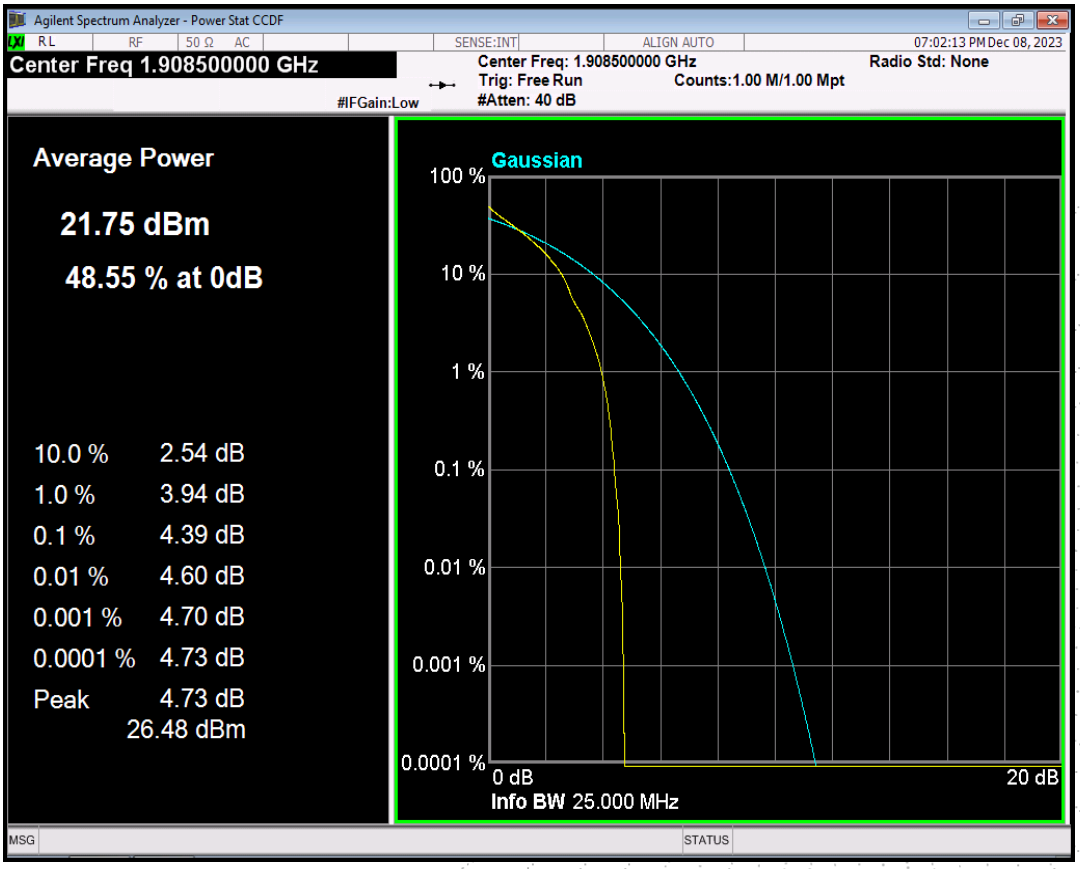
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



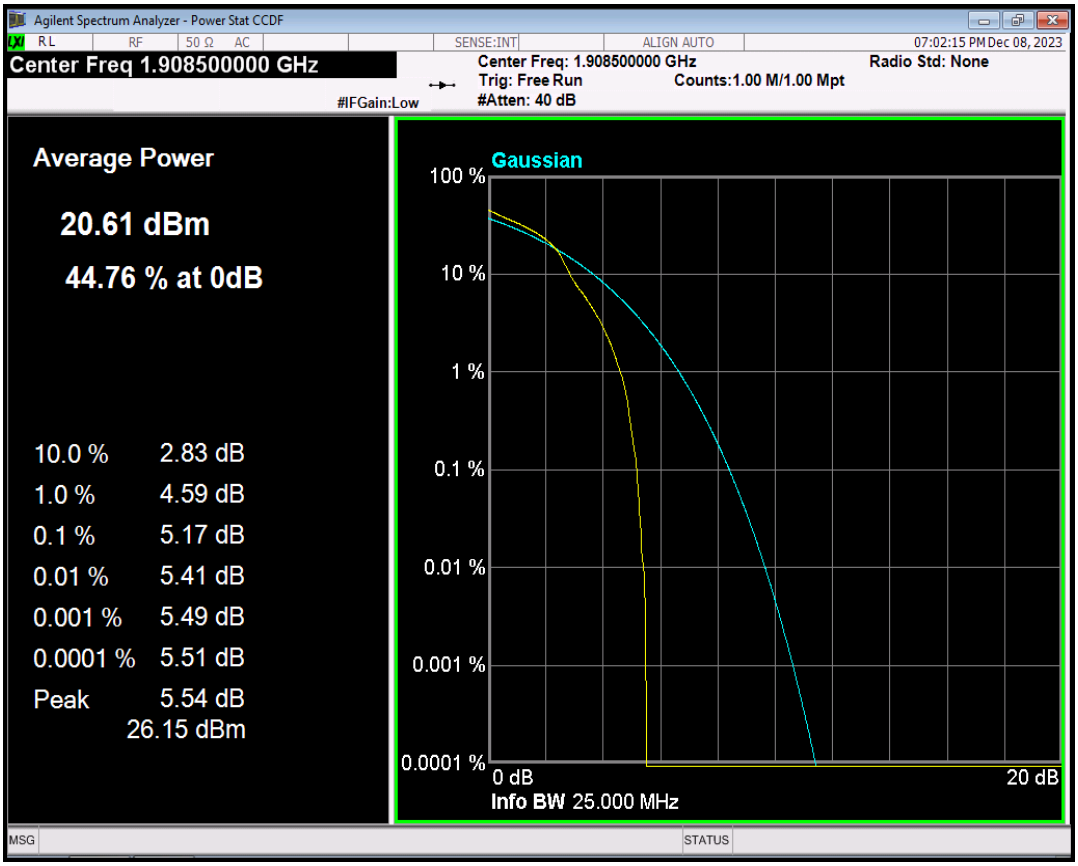
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



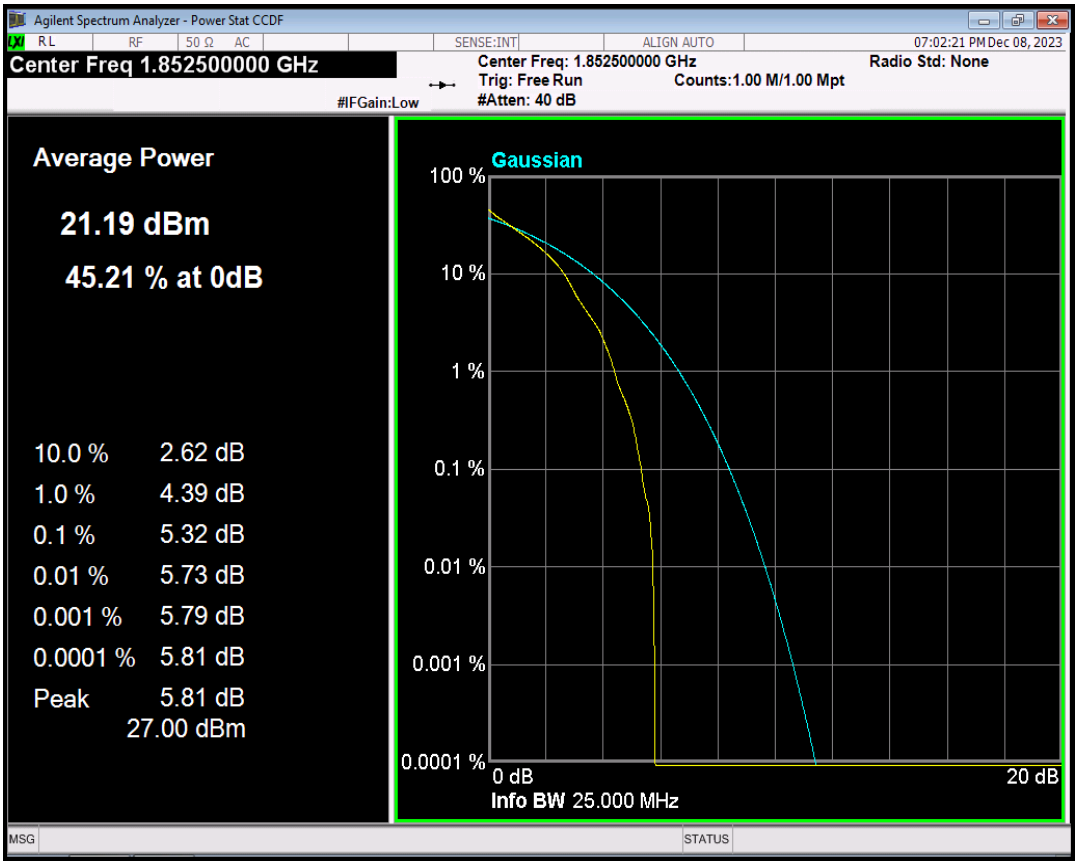
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



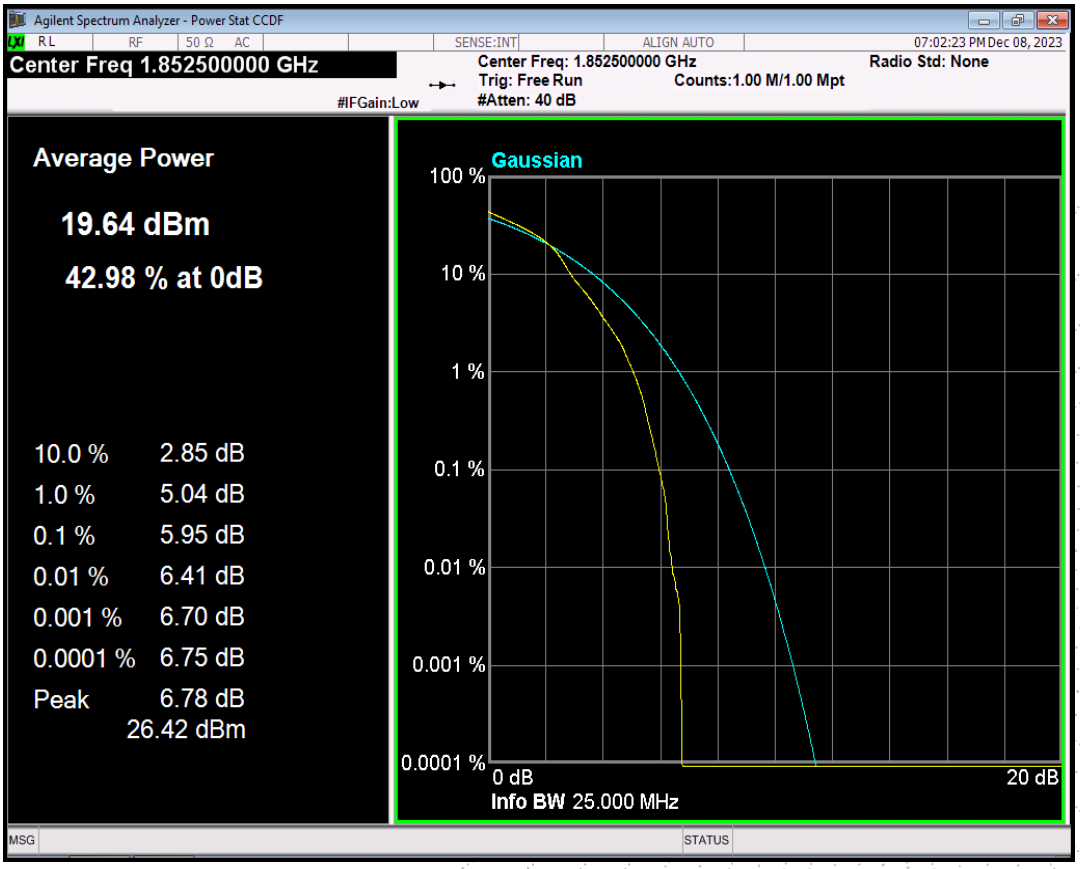
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



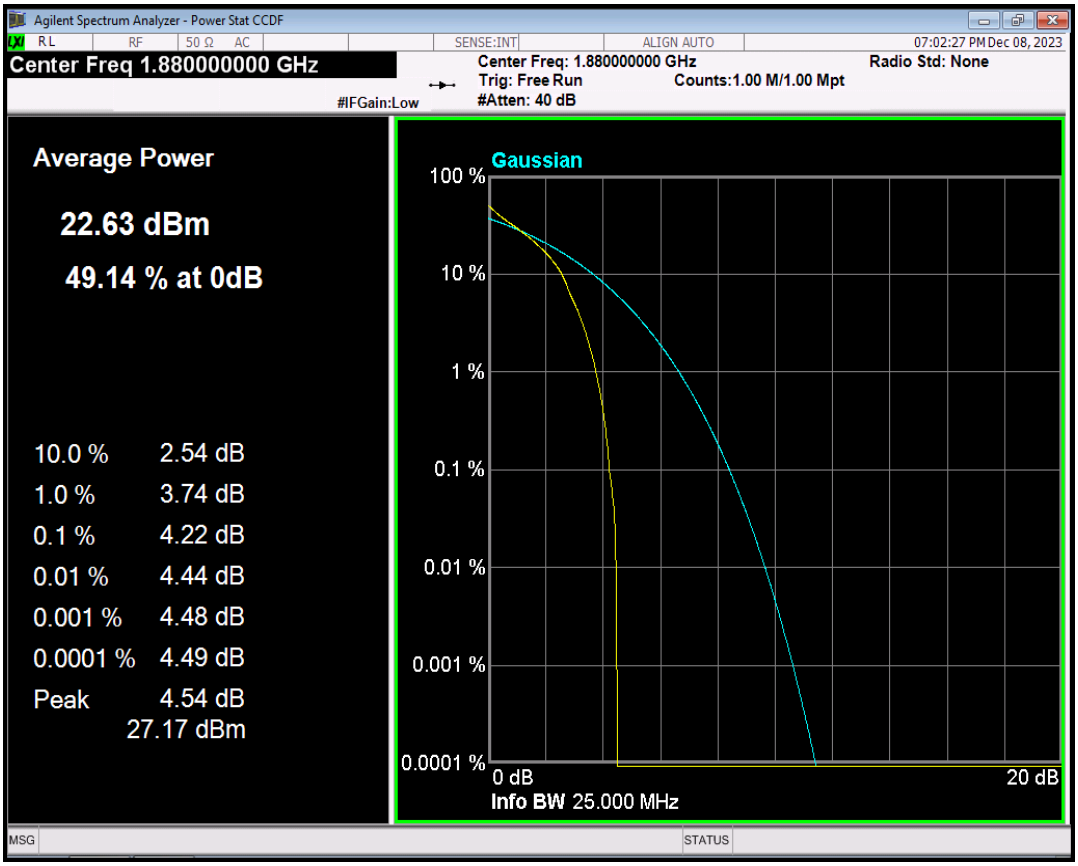
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



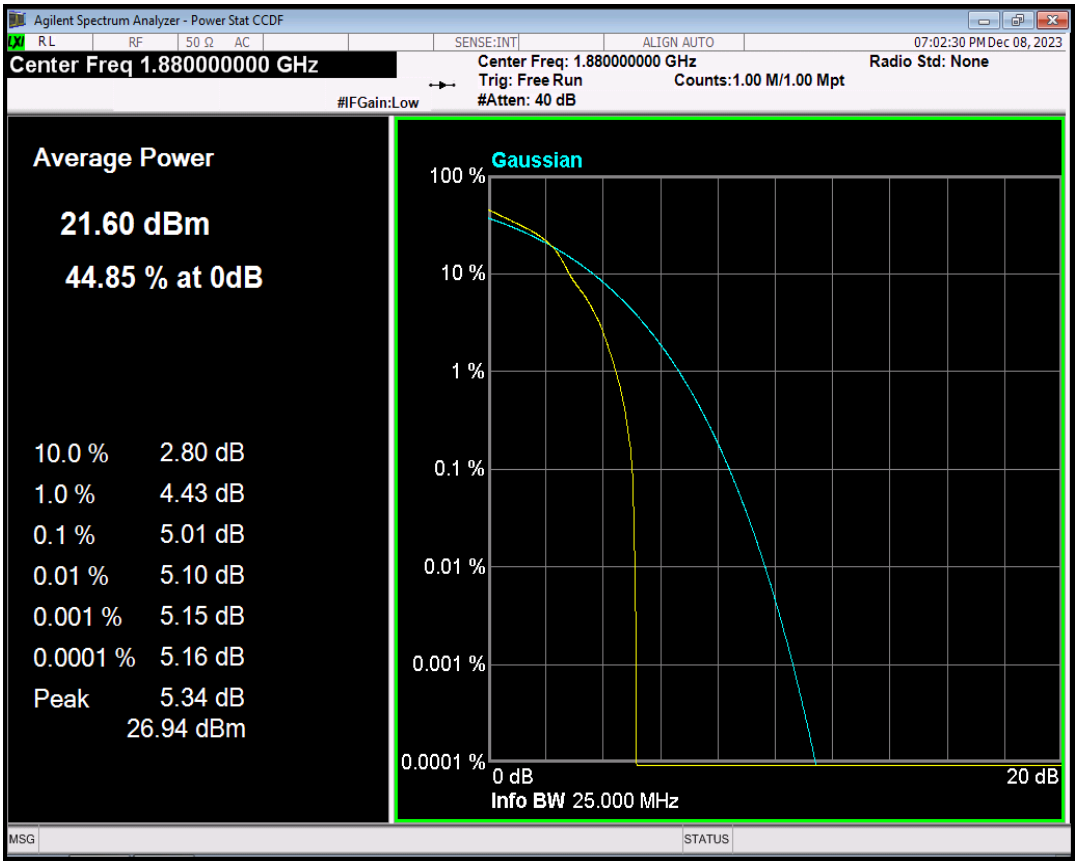
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



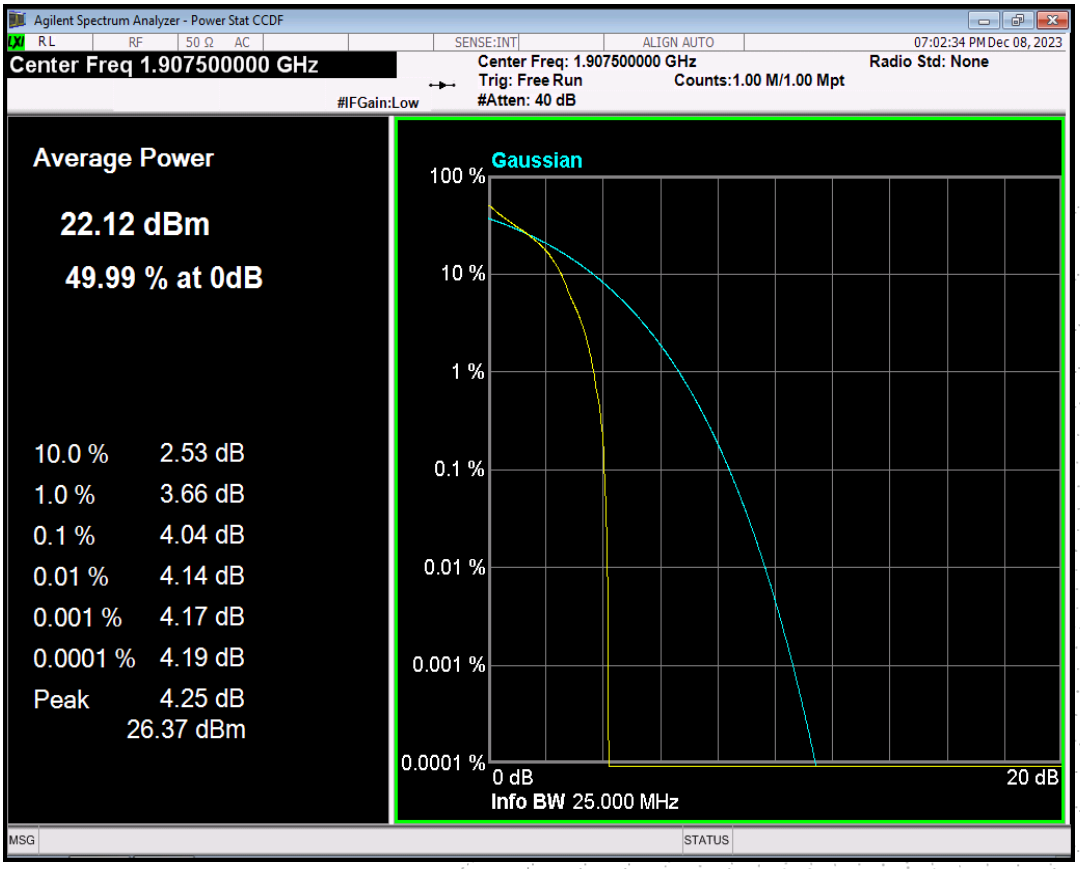
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



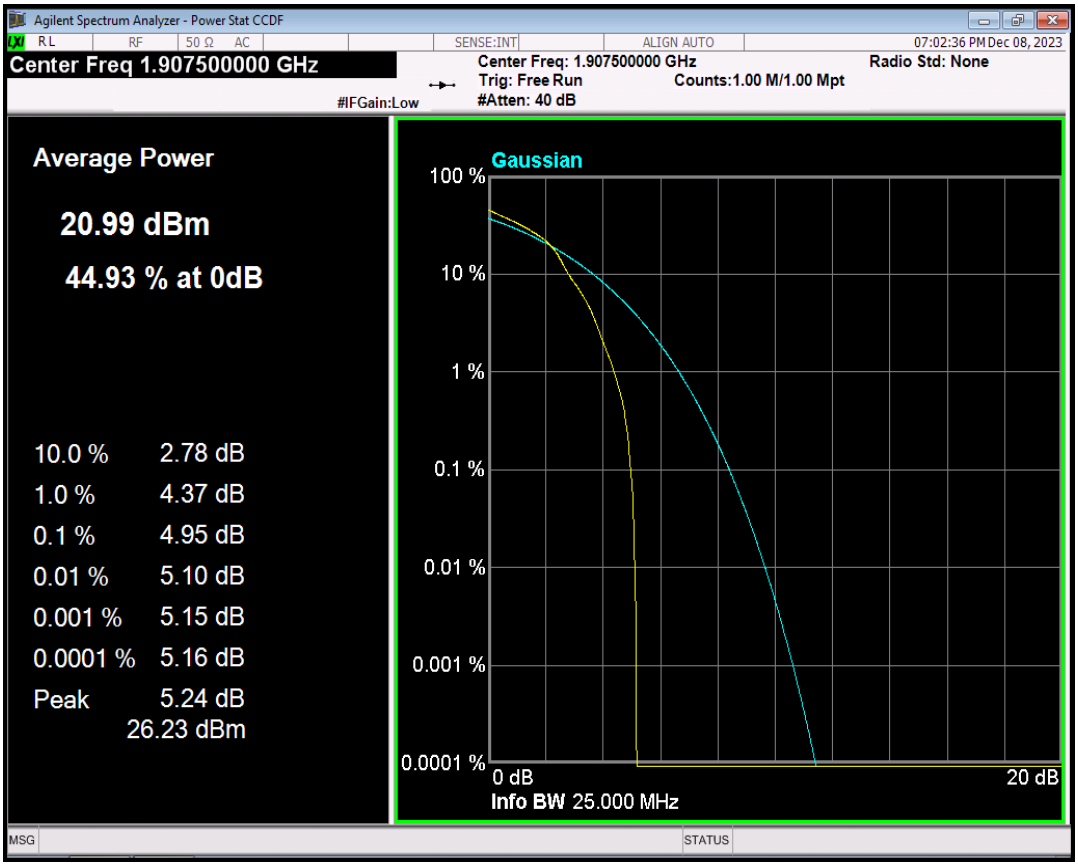
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



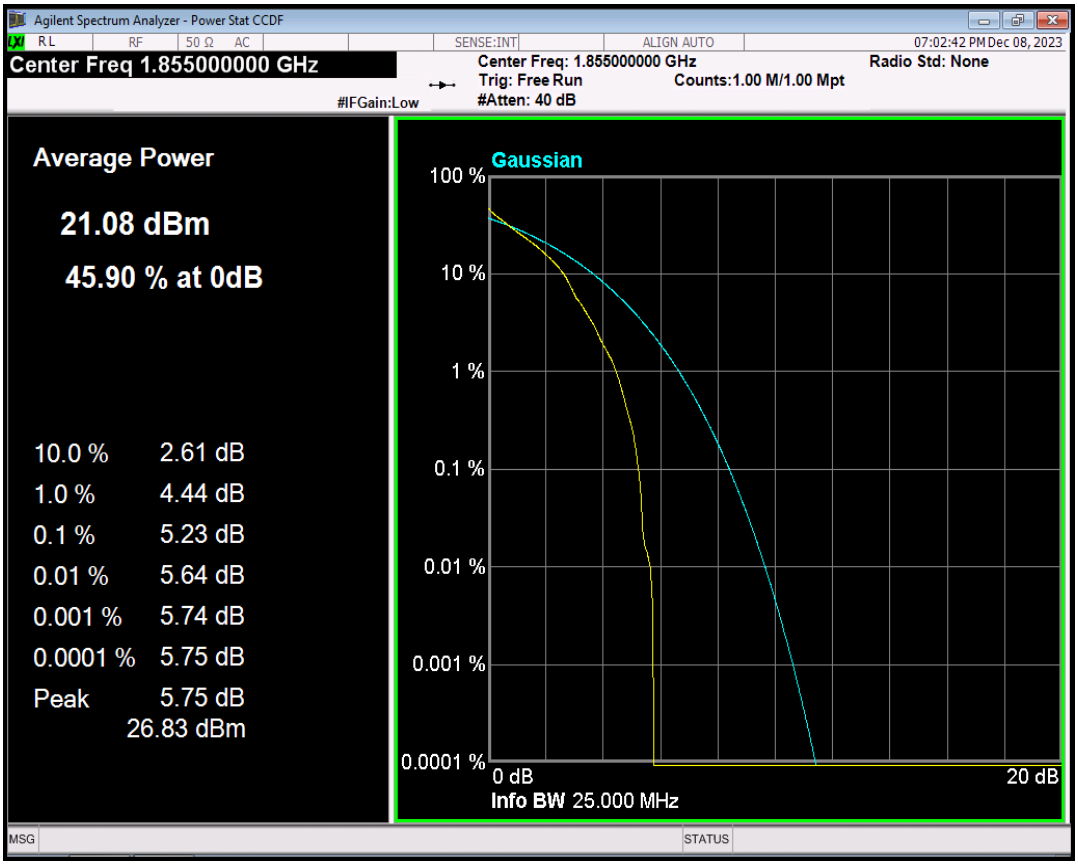
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



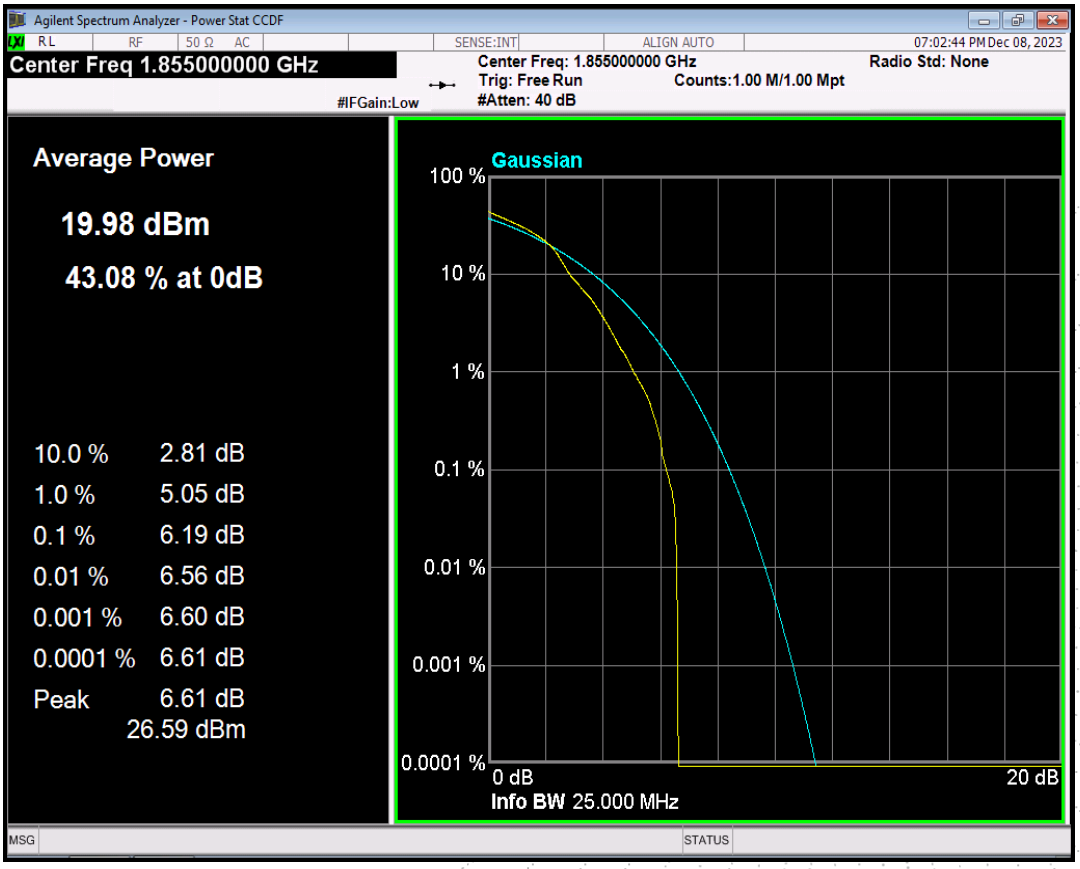
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



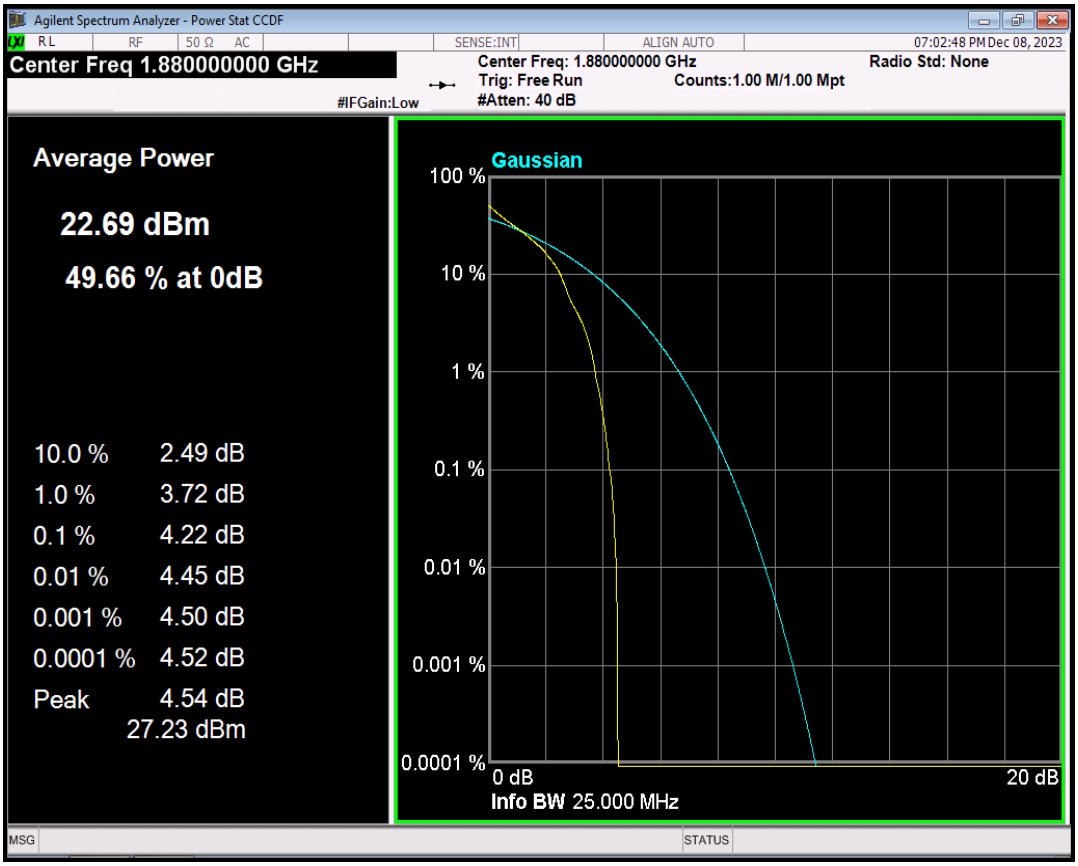
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



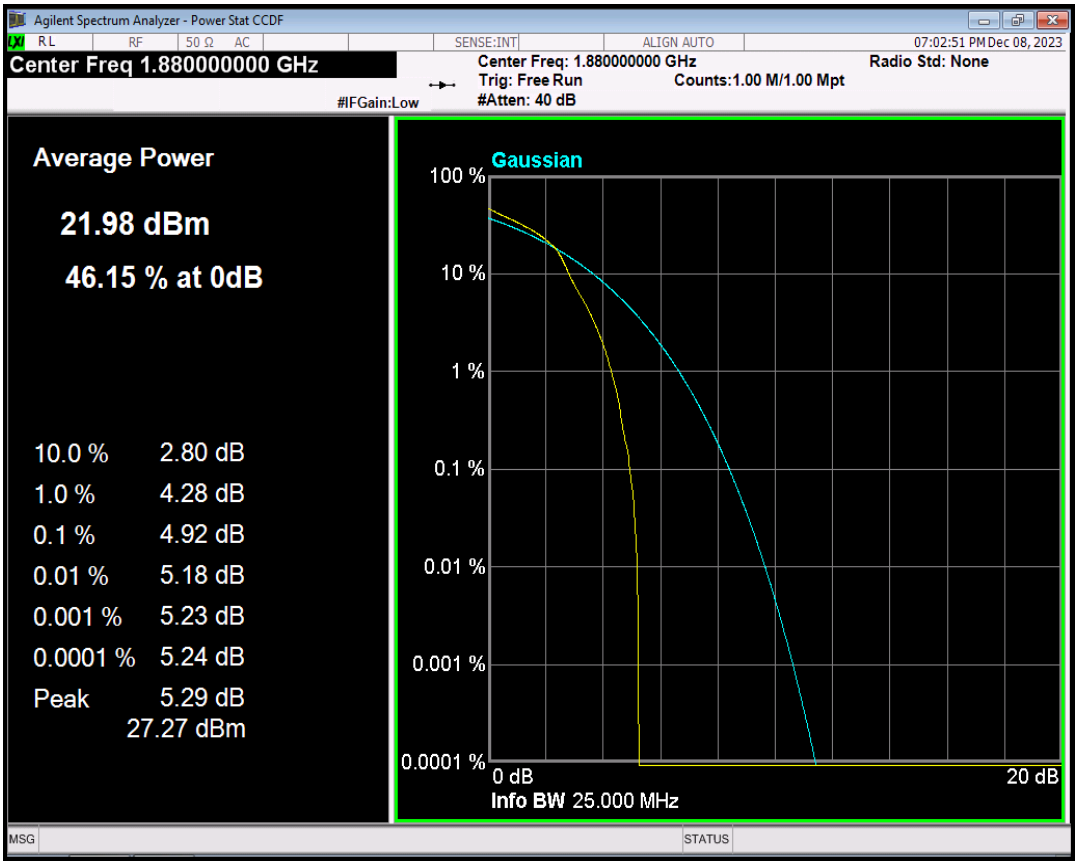
Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0



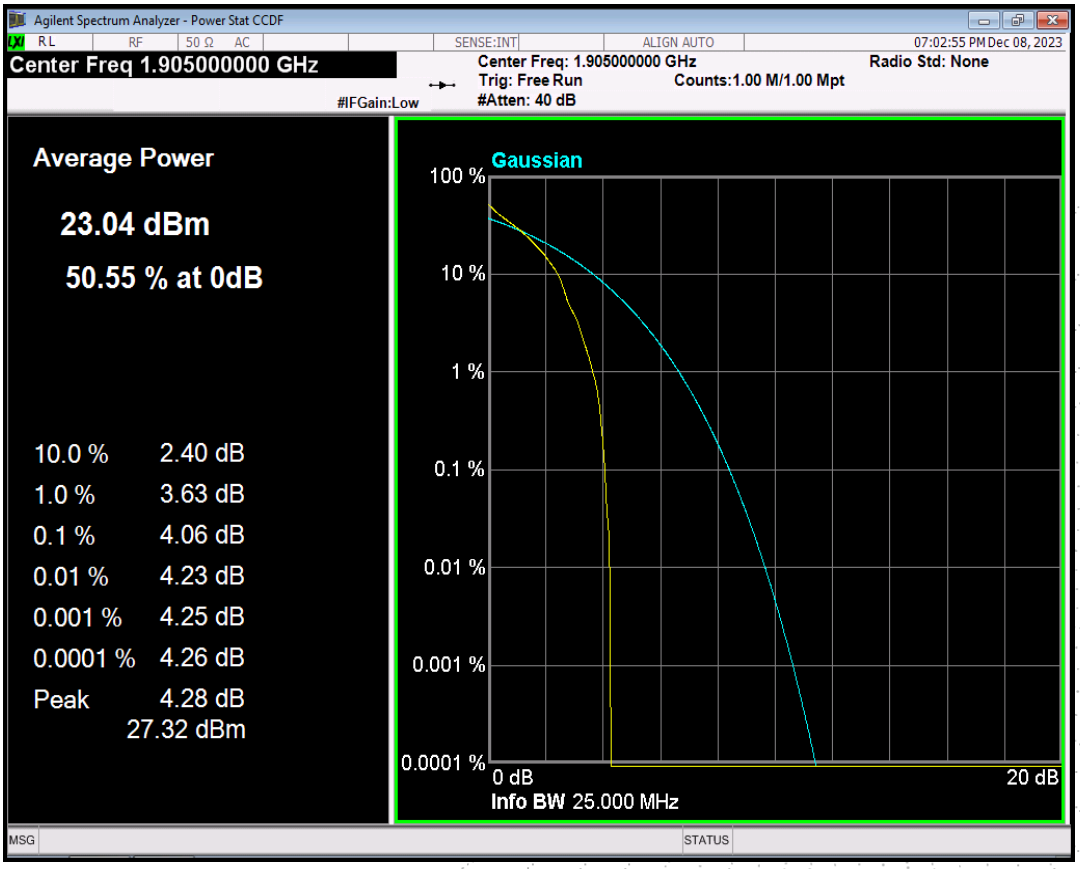
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



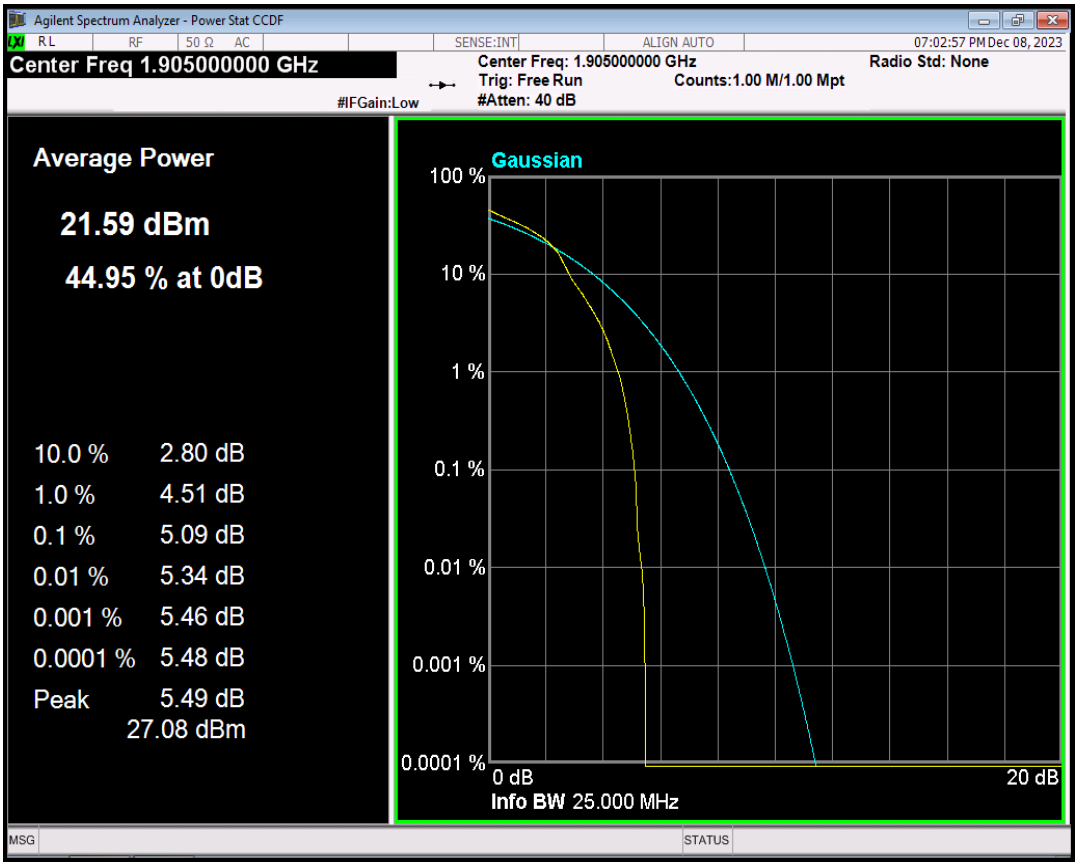
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



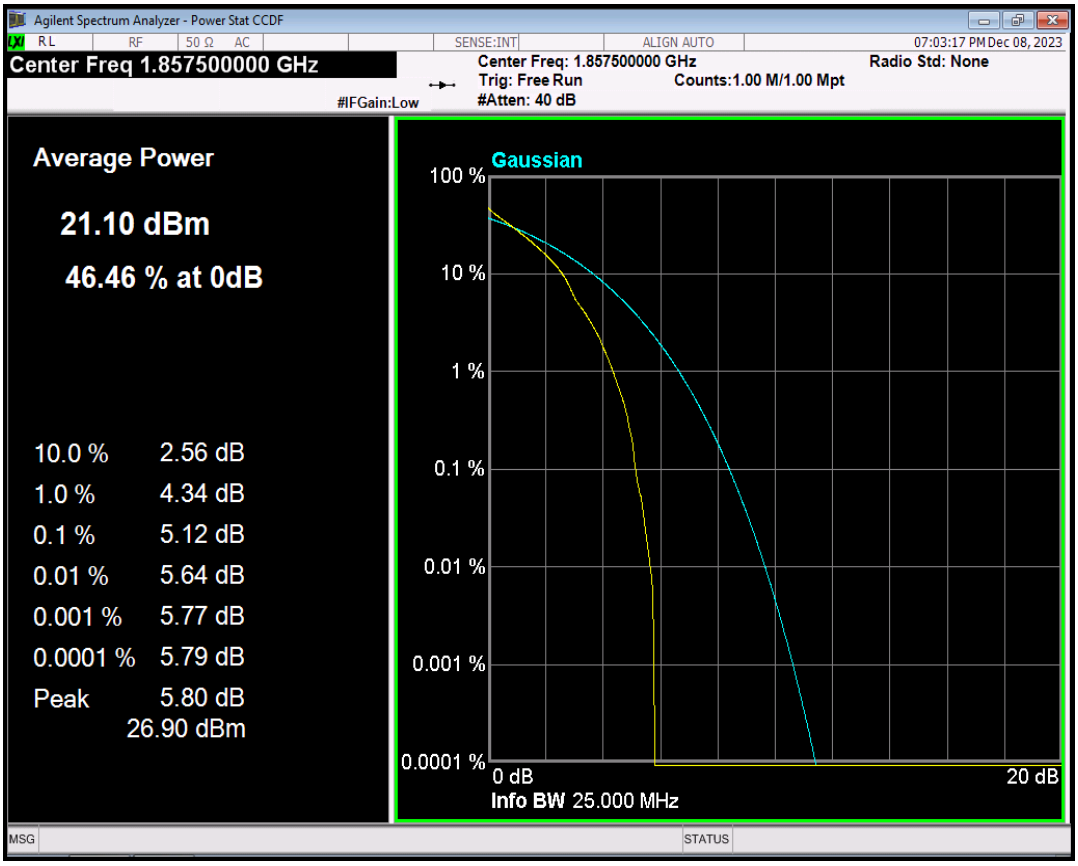
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



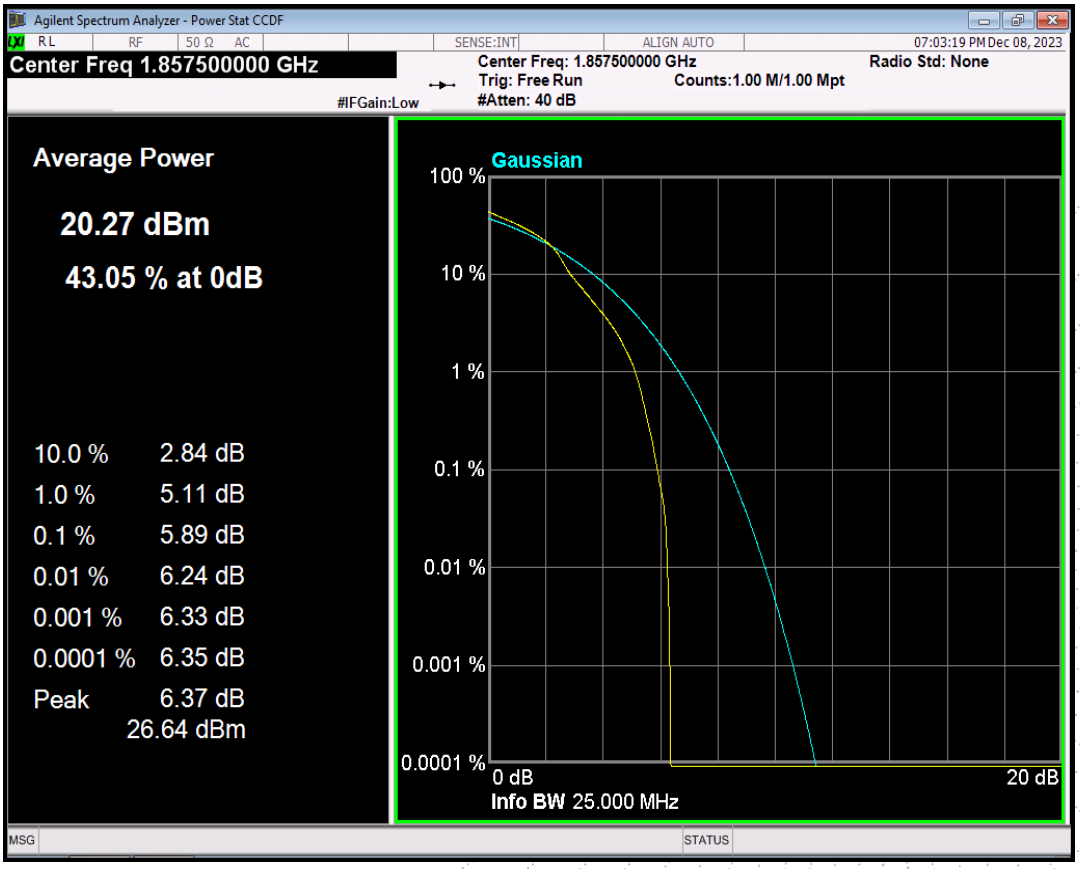
Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0



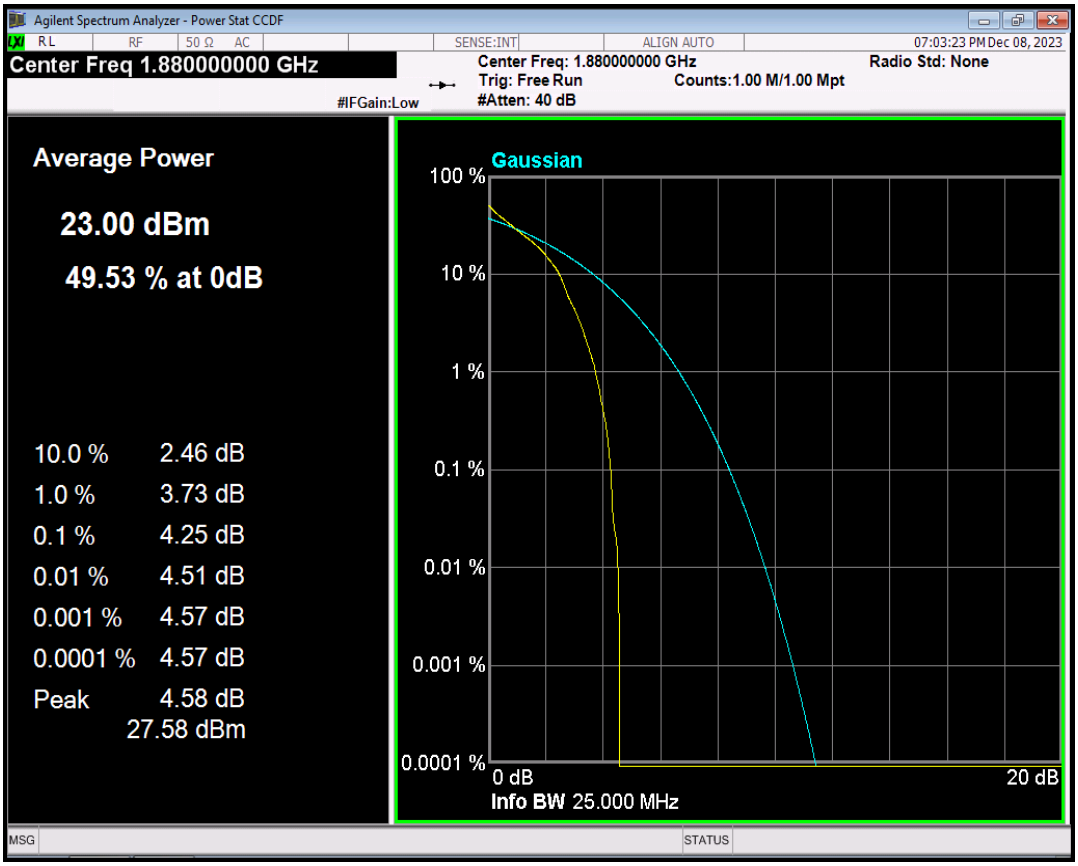
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



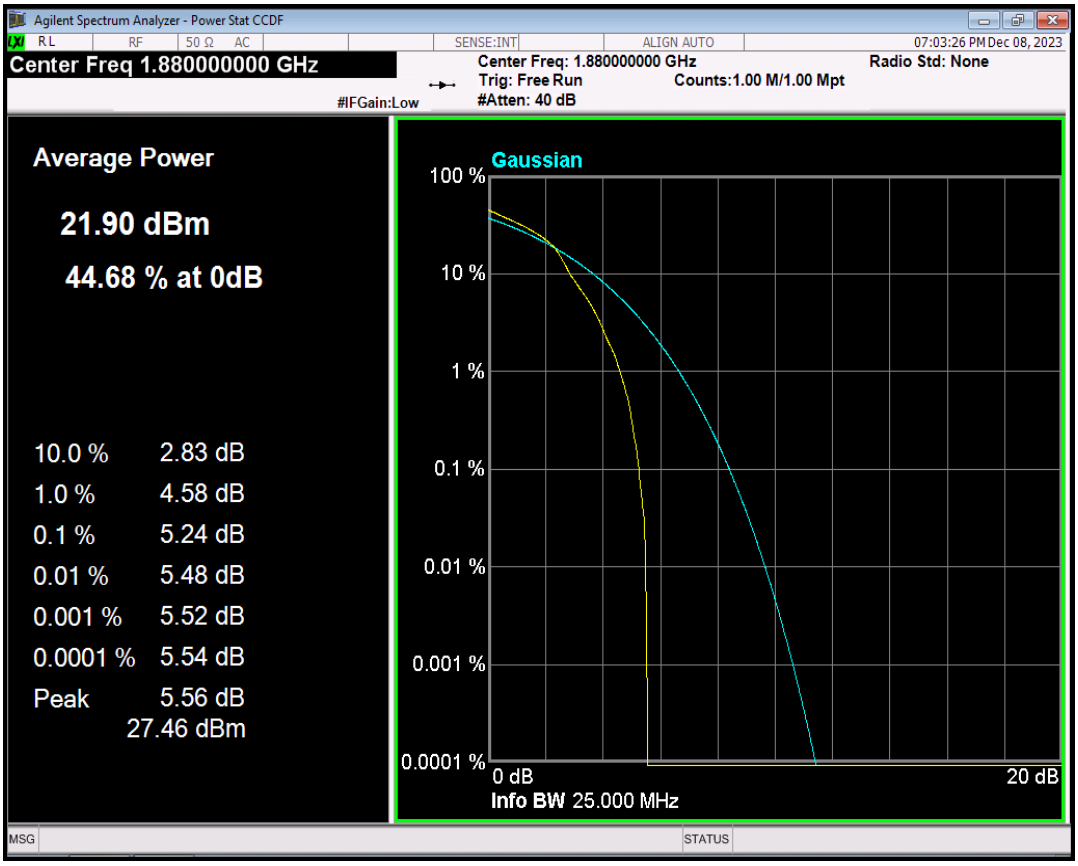
Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0



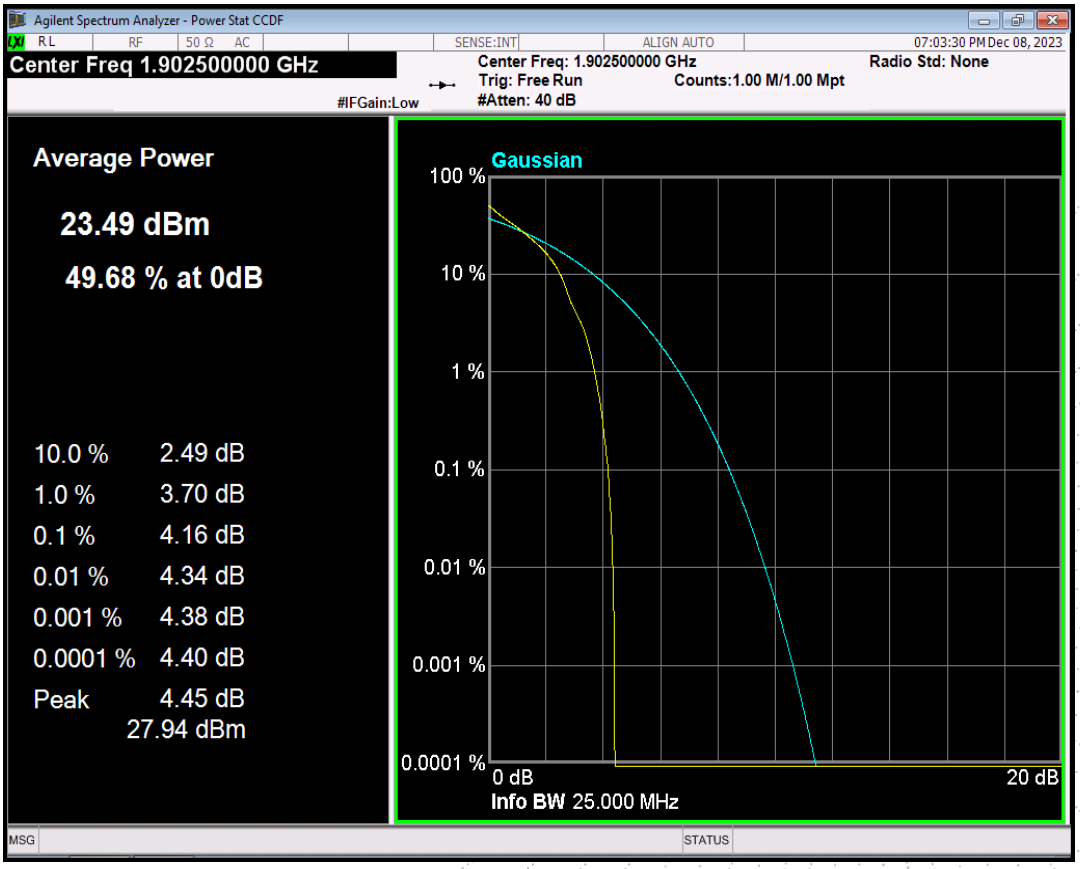
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



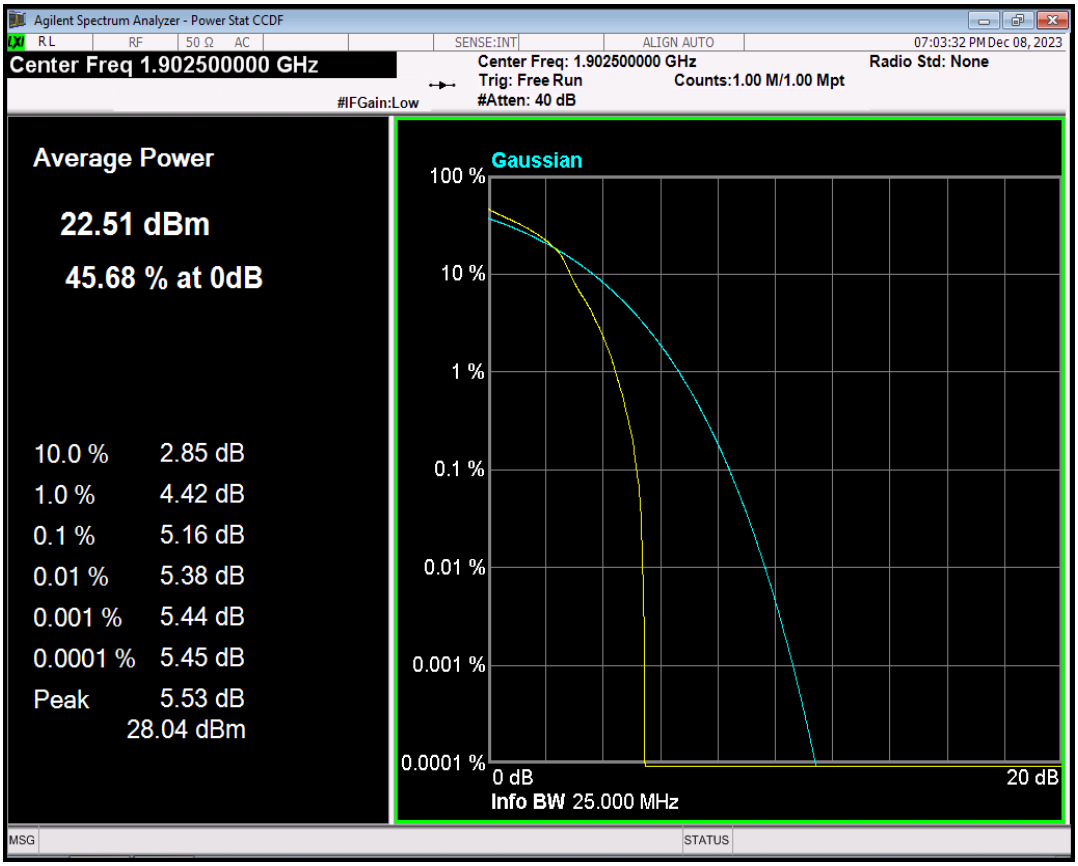
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



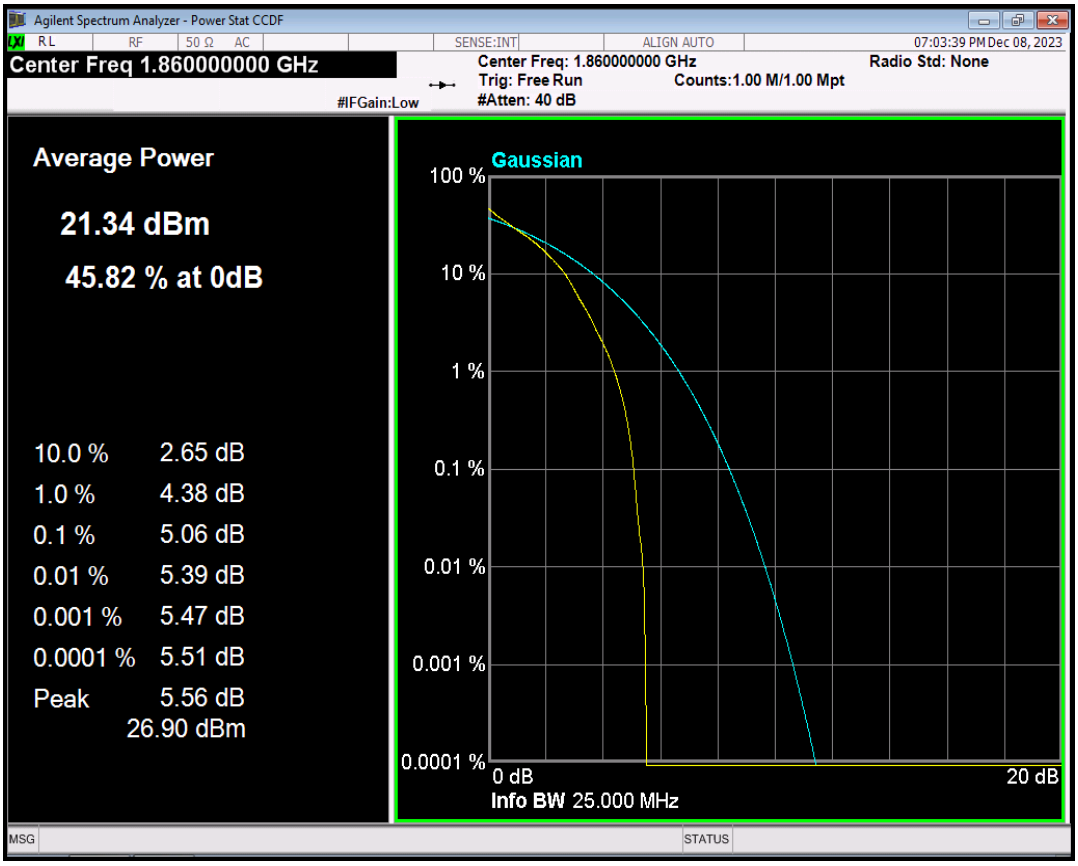
Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



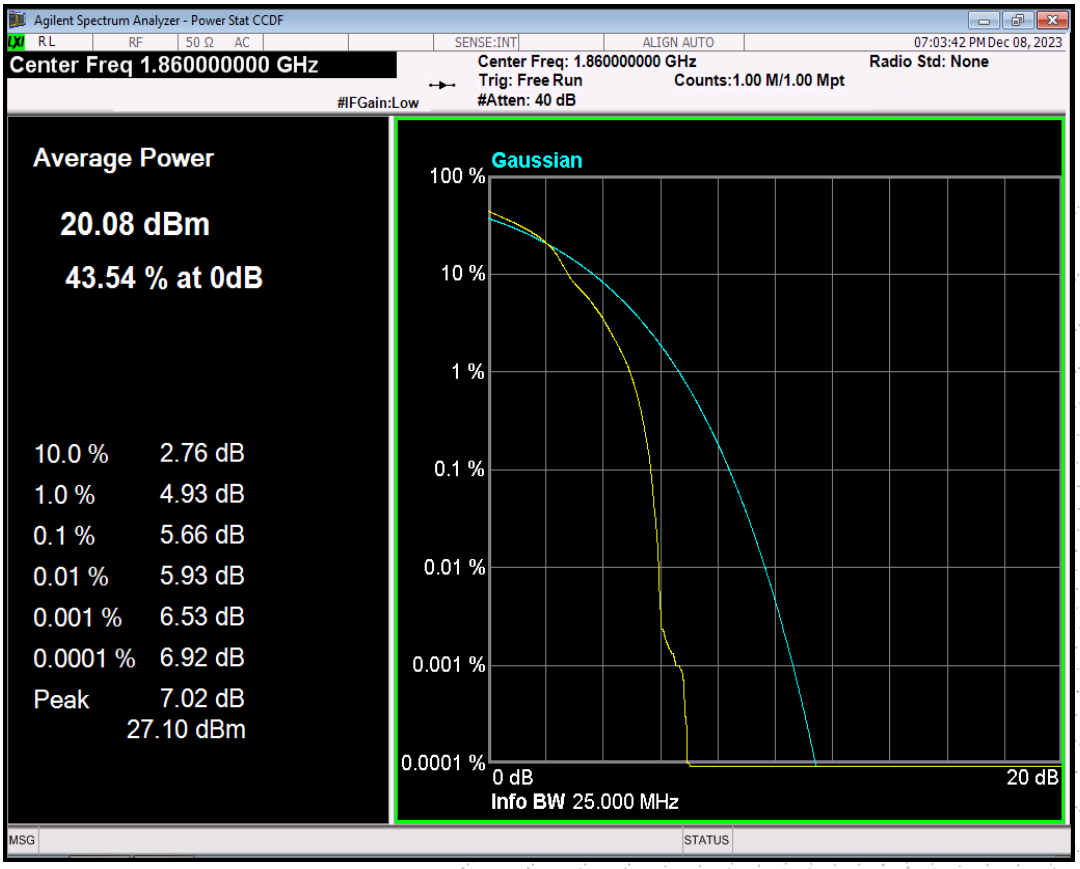
Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0



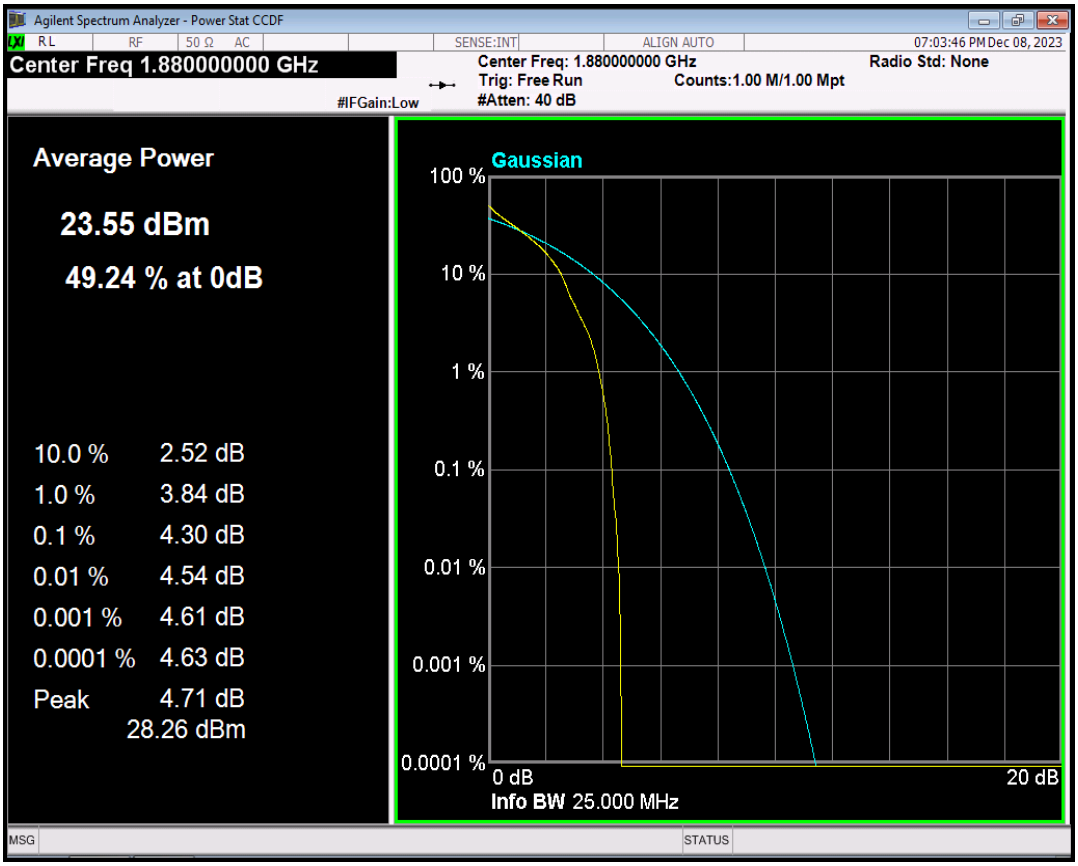
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



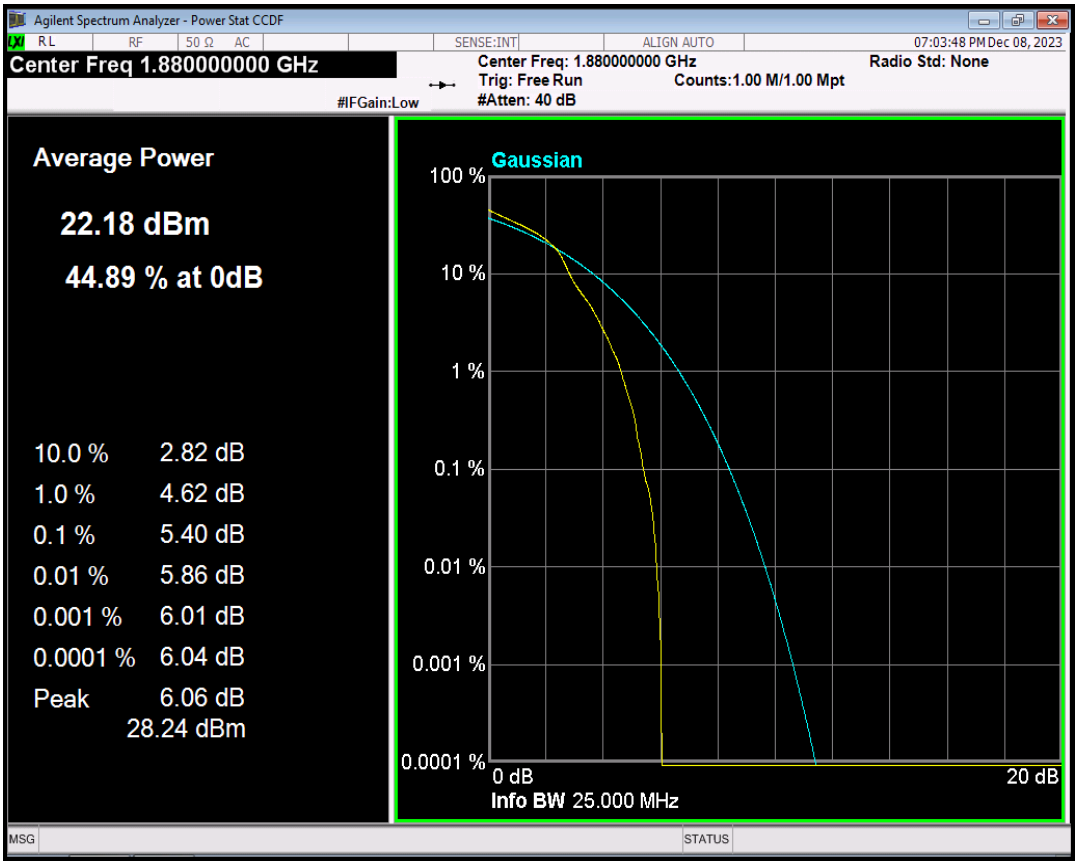
Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0



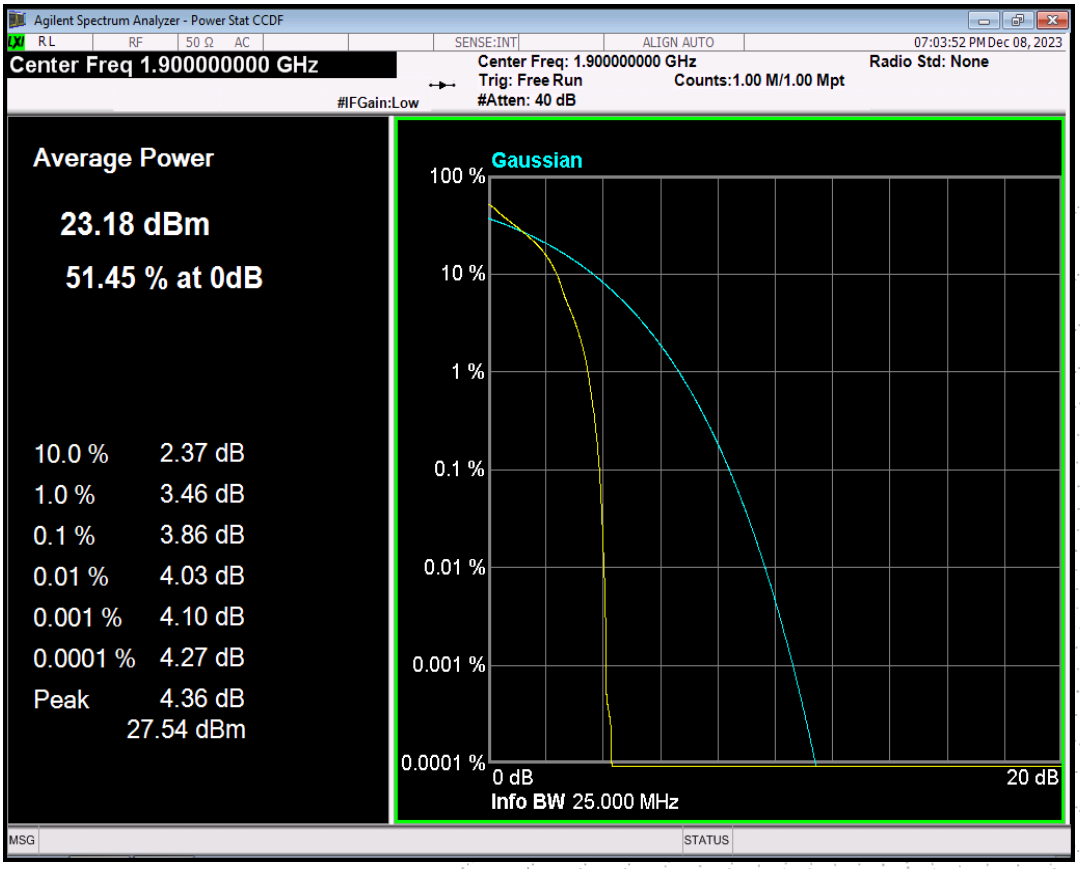
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



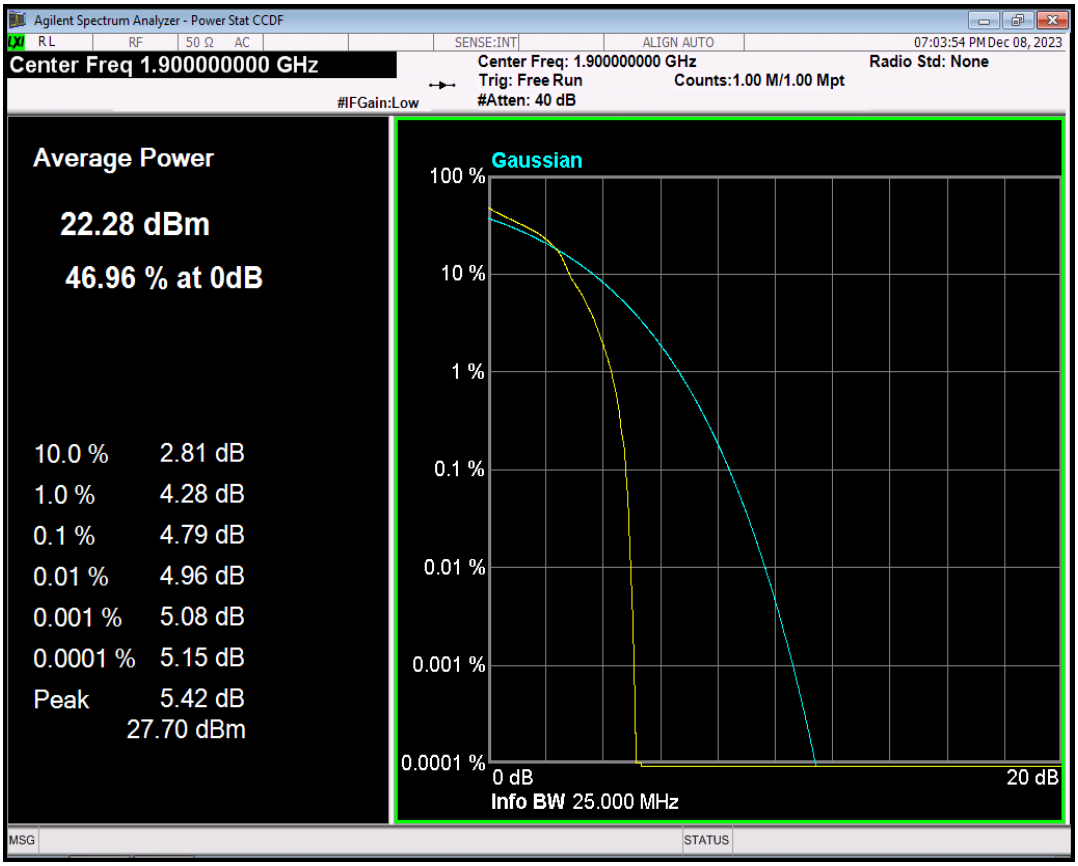
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



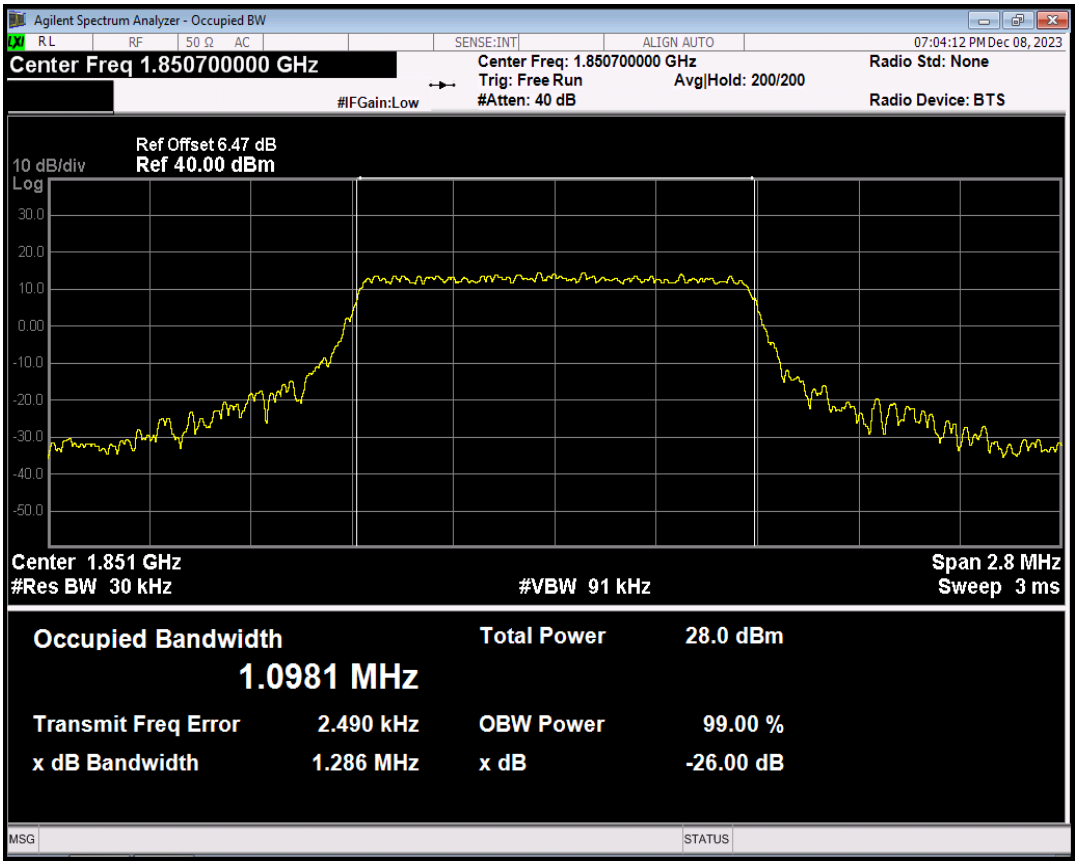
Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



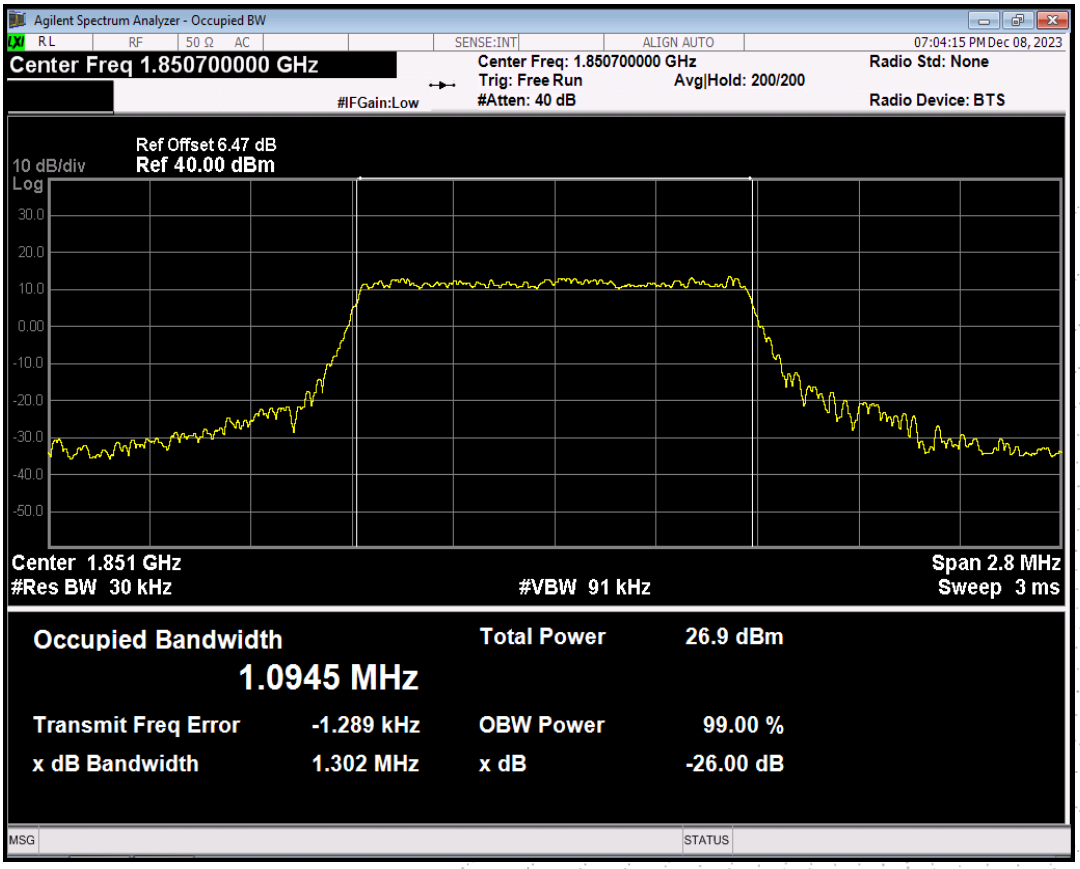
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.098	1.286	PASS
Band2	1.4	18607	6	#0	16QAM	1.095	1.302	PASS
Band2	1.4	18900	6	#0	QPSK	1.106	1.309	PASS
Band2	1.4	18900	6	#0	16QAM	1.100	1.270	PASS
Band2	1.4	19193	6	#0	QPSK	1.090	1.261	PASS
Band2	1.4	19193	6	#0	16QAM	1.099	1.250	PASS
Band2	3	18615	15	#0	QPSK	2.712	3.077	PASS
Band2	3	18615	15	#0	16QAM	2.711	3.043	PASS
Band2	3	18900	15	#0	QPSK	2.699	3.007	PASS
Band2	3	18900	15	#0	16QAM	2.713	3.124	PASS
Band2	3	19185	15	#0	QPSK	2.713	3.034	PASS
Band2	3	19185	15	#0	16QAM	2.725	3.080	PASS
Band2	5	18625	25	#0	QPSK	4.487	5.193	PASS
Band2	5	18625	25	#0	16QAM	4.521	5.124	PASS
Band2	5	18900	25	#0	QPSK	4.514	4.994	PASS
Band2	5	18900	25	#0	16QAM	4.514	5.295	PASS
Band2	5	19175	25	#0	QPSK	4.515	5.189	PASS
Band2	5	19175	25	#0	16QAM	4.547	5.189	PASS
Band2	10	18650	50	#0	QPSK	8.984	9.782	PASS
Band2	10	18650	50	#0	16QAM	8.999	9.839	PASS
Band2	10	18900	50	#0	QPSK	8.982	9.986	PASS
Band2	10	18900	50	#0	16QAM	9.032	10.230	PASS
Band2	10	19150	50	#0	QPSK	9.018	10.167	PASS
Band2	10	19150	50	#0	16QAM	8.998	9.968	PASS
Band2	15	18675	75	#0	QPSK	13.457	14.830	PASS
Band2	15	18675	75	#0	16QAM	13.498	14.883	PASS
Band2	15	18900	75	#0	QPSK	13.470	15.036	PASS
Band2	15	18900	75	#0	16QAM	13.518	15.146	PASS
Band2	15	19125	75	#0	QPSK	13.423	15.062	PASS
Band2	15	19125	75	#0	16QAM	13.460	14.756	PASS
Band2	20	18700	100	#0	QPSK	17.980	19.605	PASS
Band2	20	18700	100	#0	16QAM	17.942	20.034	PASS
Band2	20	18900	100	#0	QPSK	18.048	19.916	PASS
Band2	20	18900	100	#0	16QAM	18.057	19.717	PASS
Band2	20	19100	100	#0	QPSK	17.967	19.618	PASS
Band2	20	19100	100	#0	16QAM	18.007	20.218	PASS

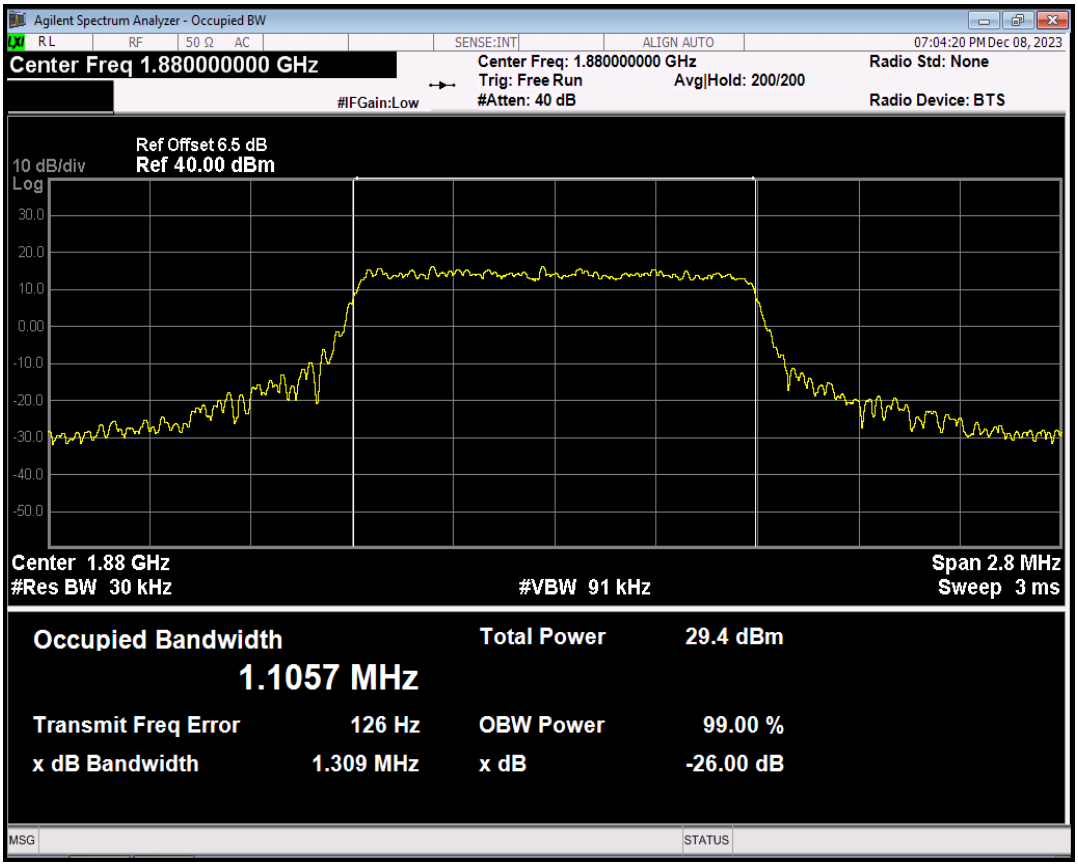
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



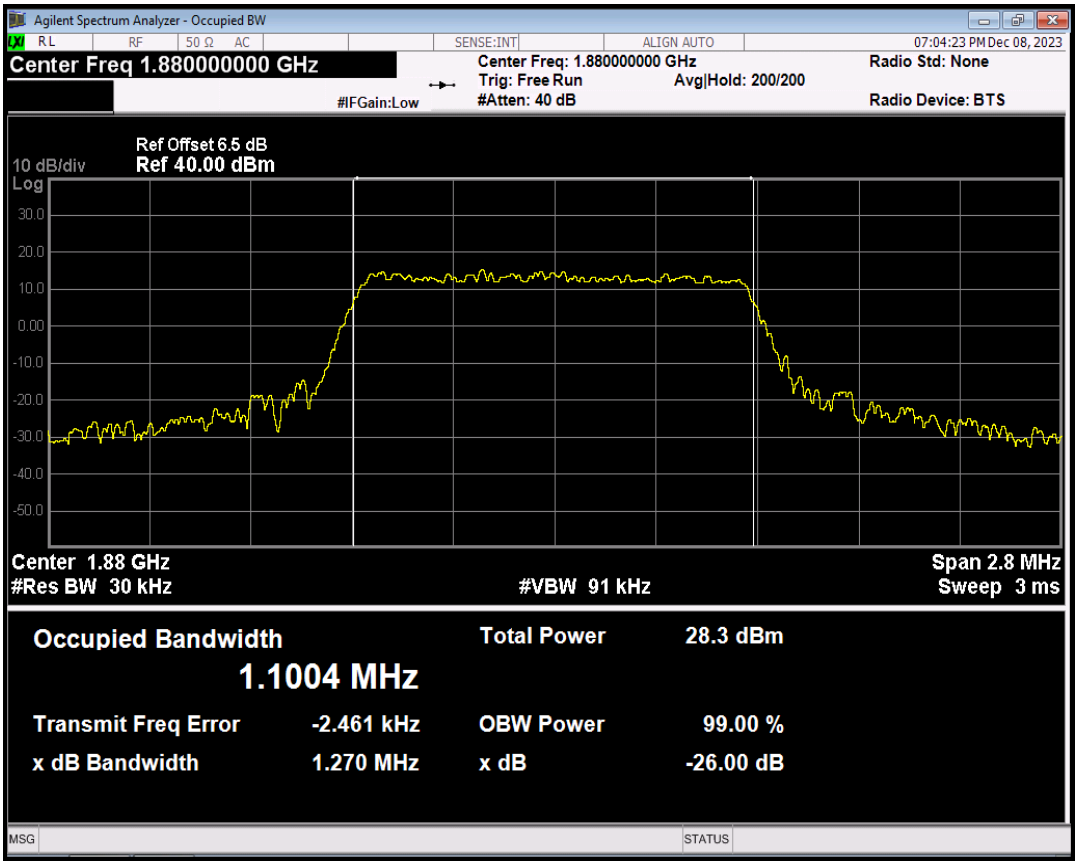
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



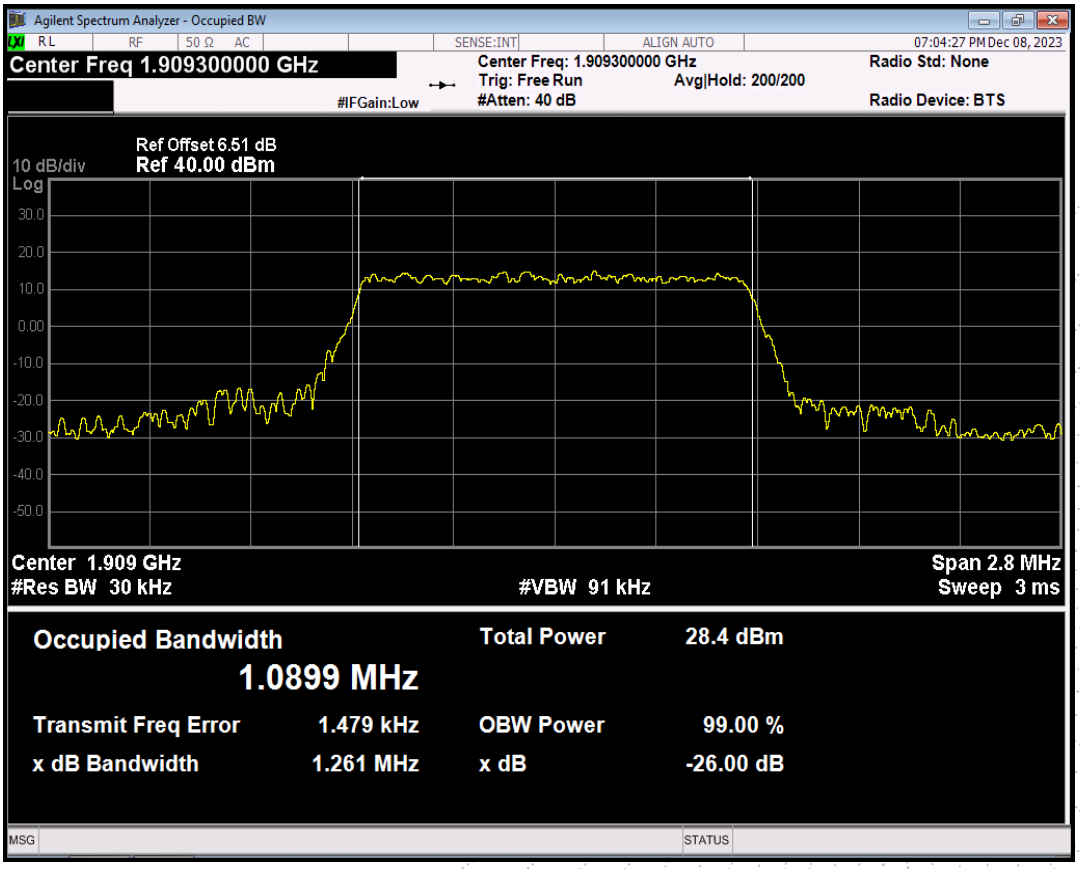
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



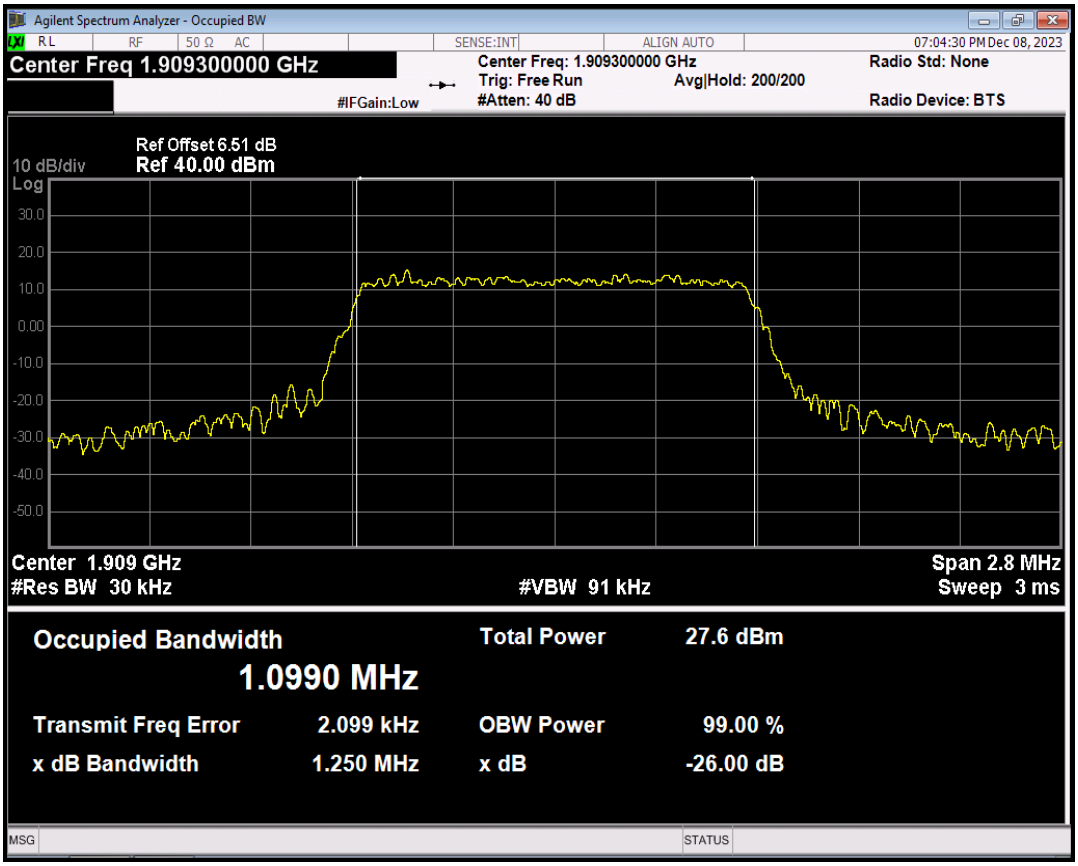
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



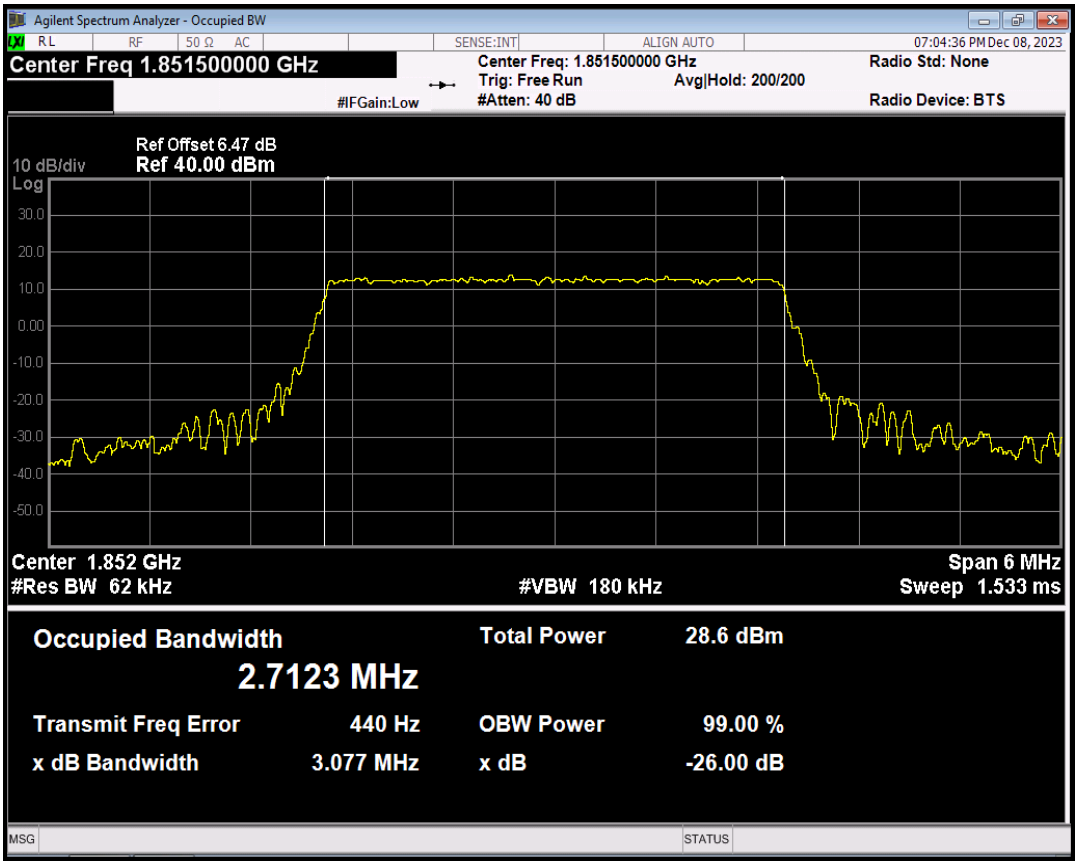
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



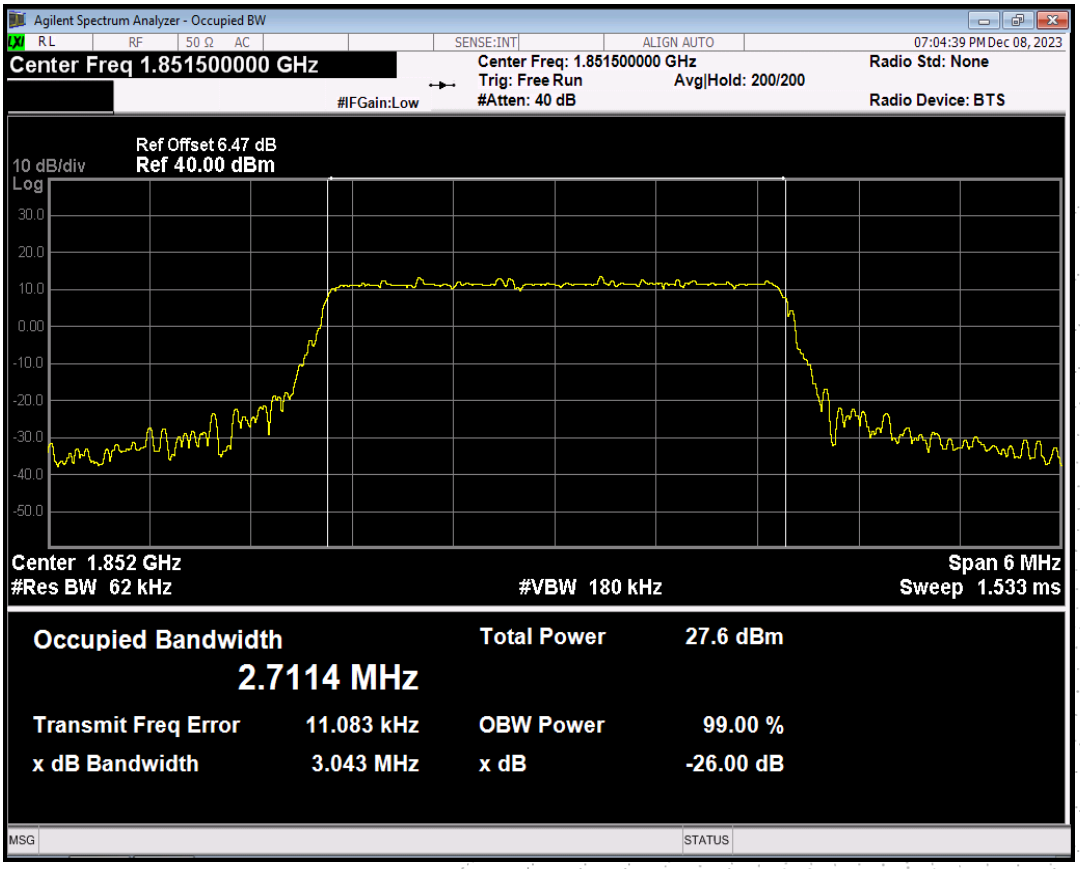
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



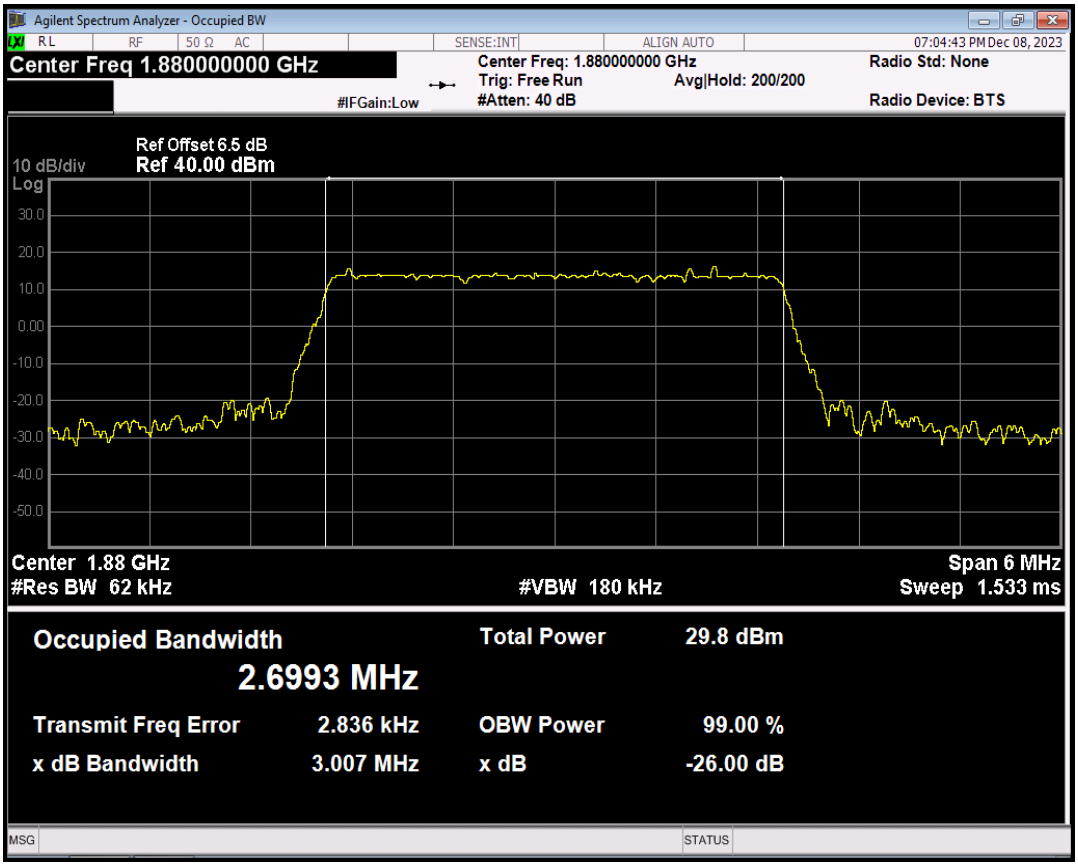
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



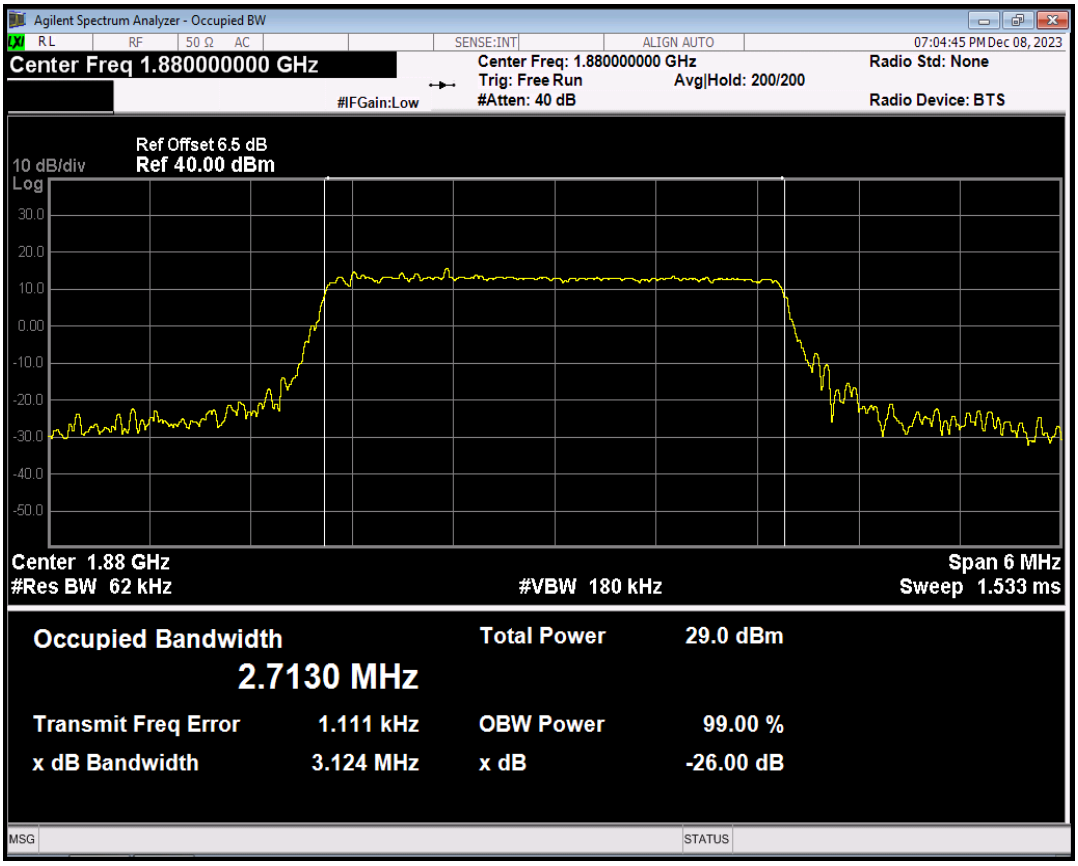
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



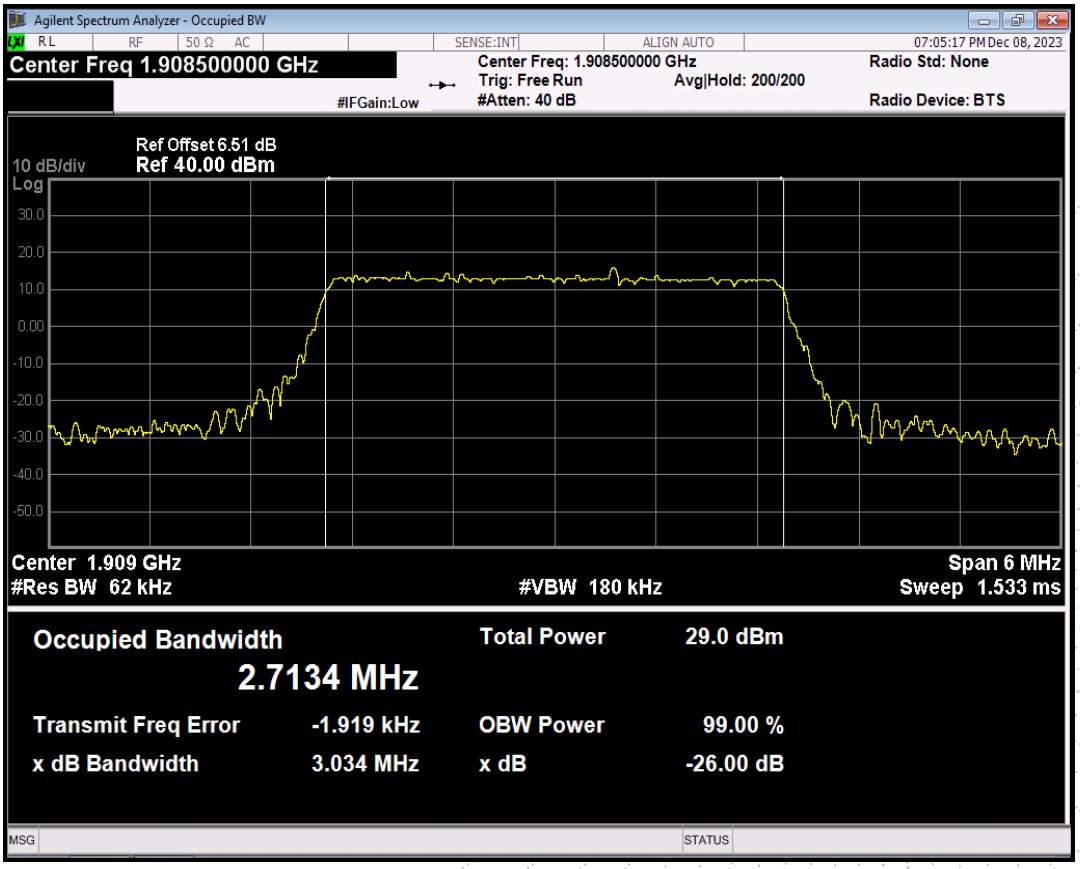
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



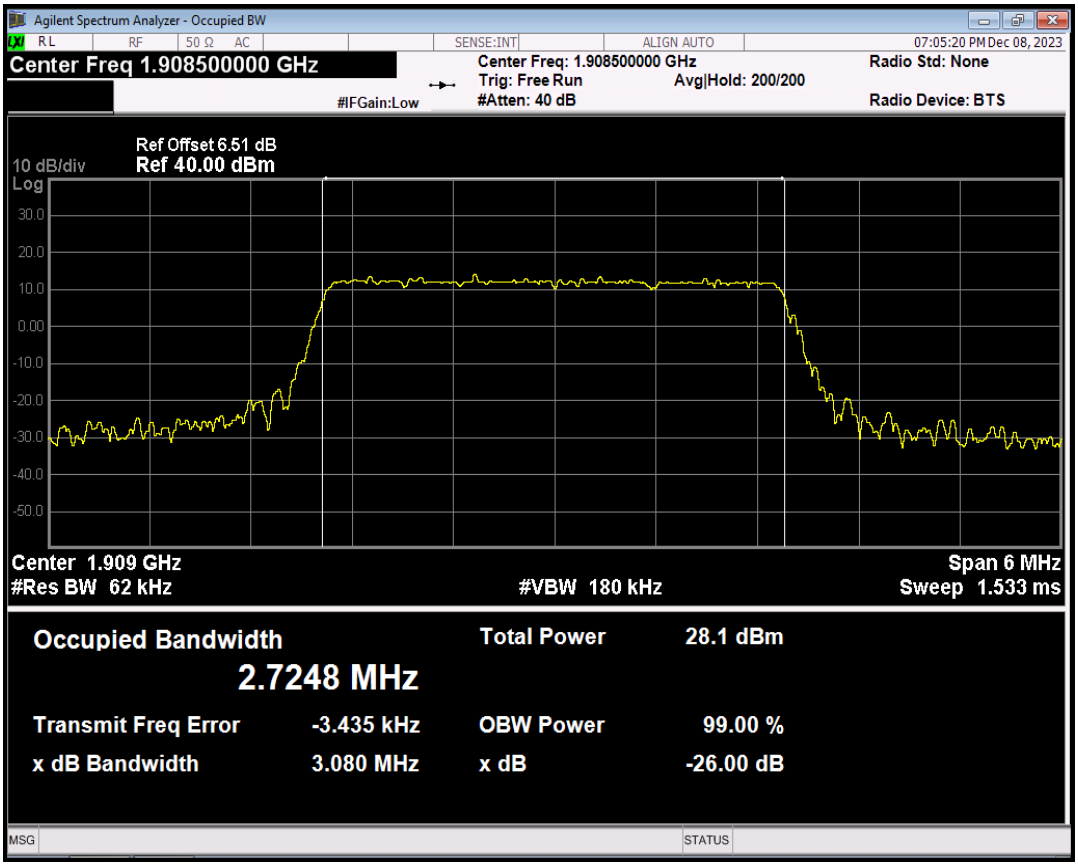
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



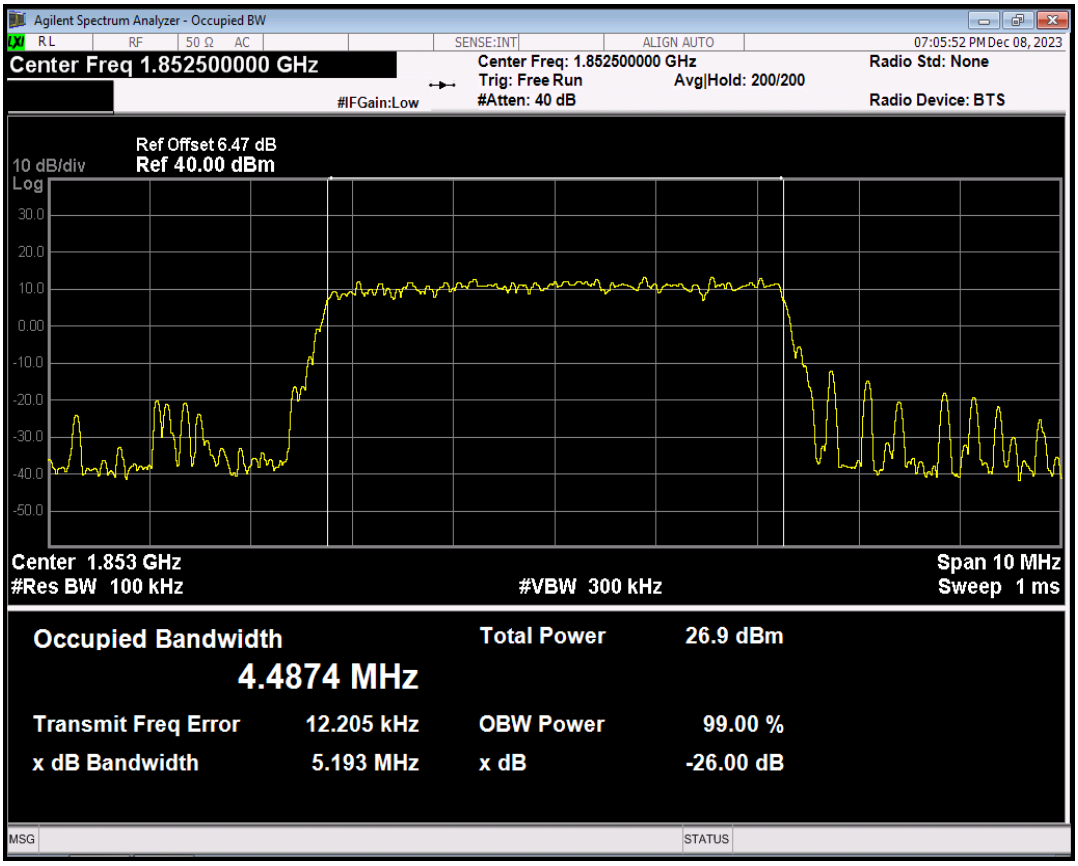
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



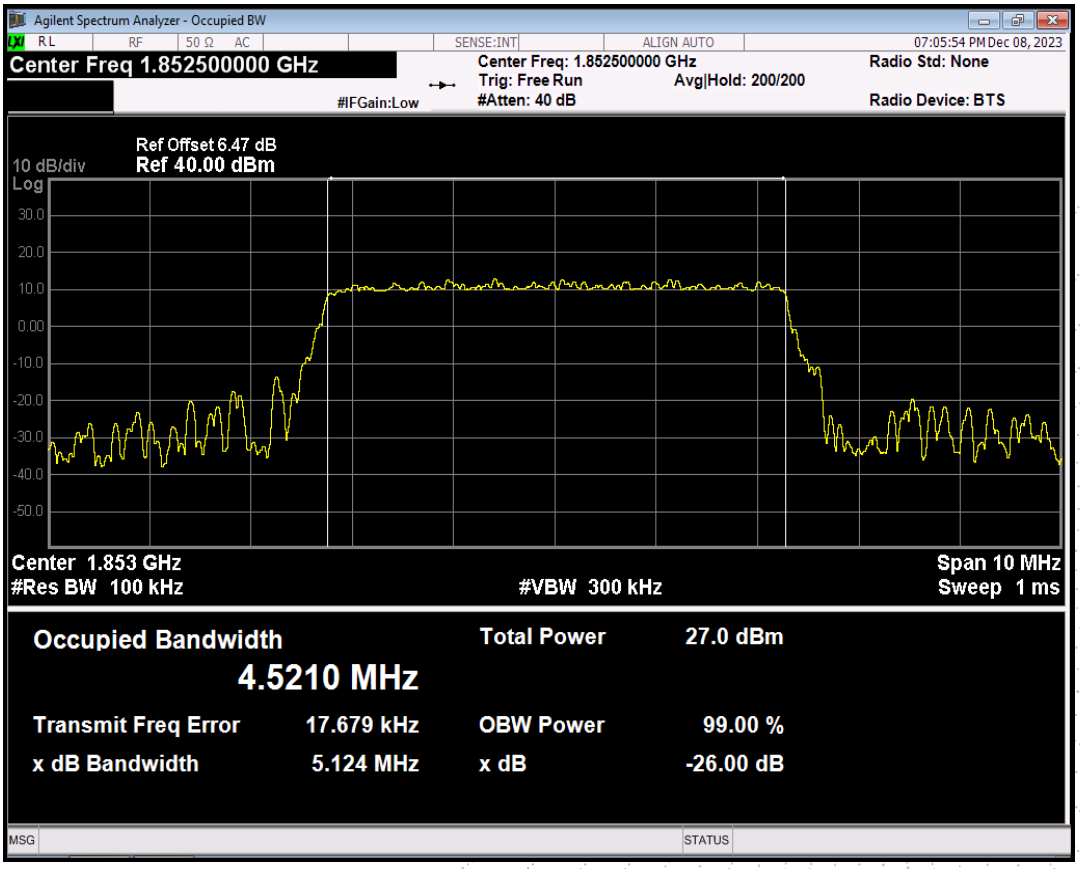
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



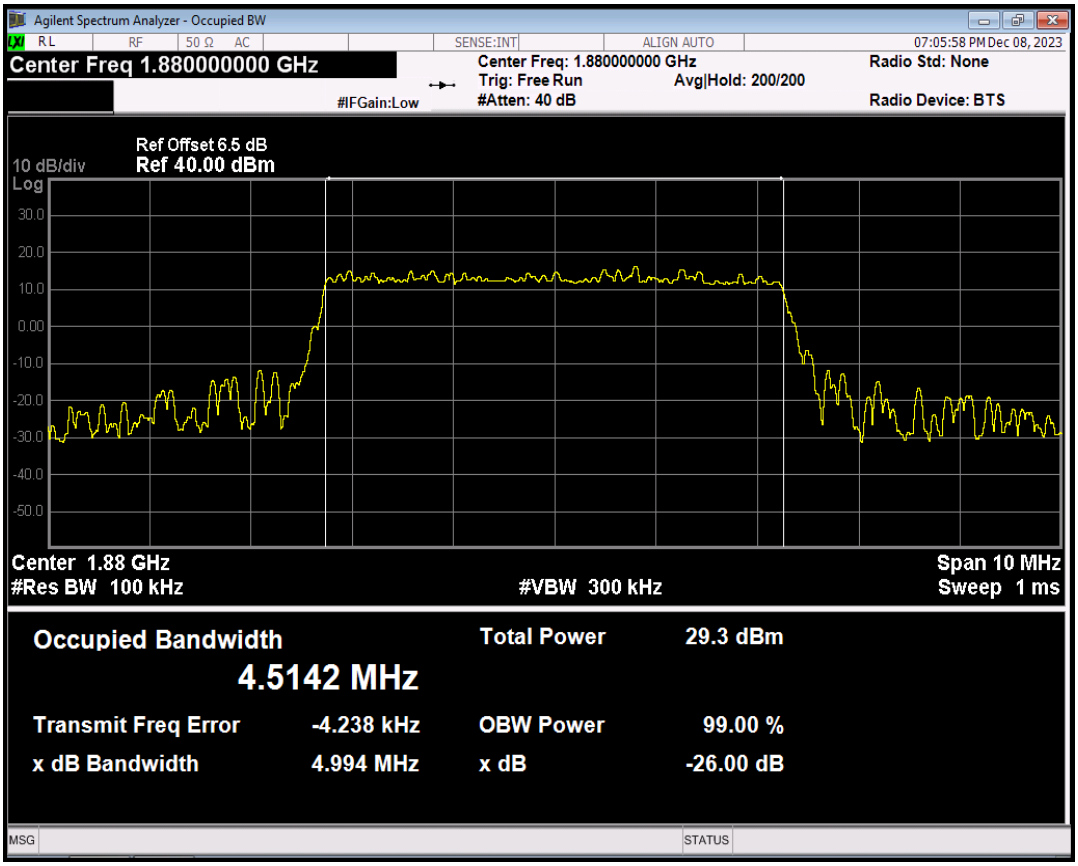
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



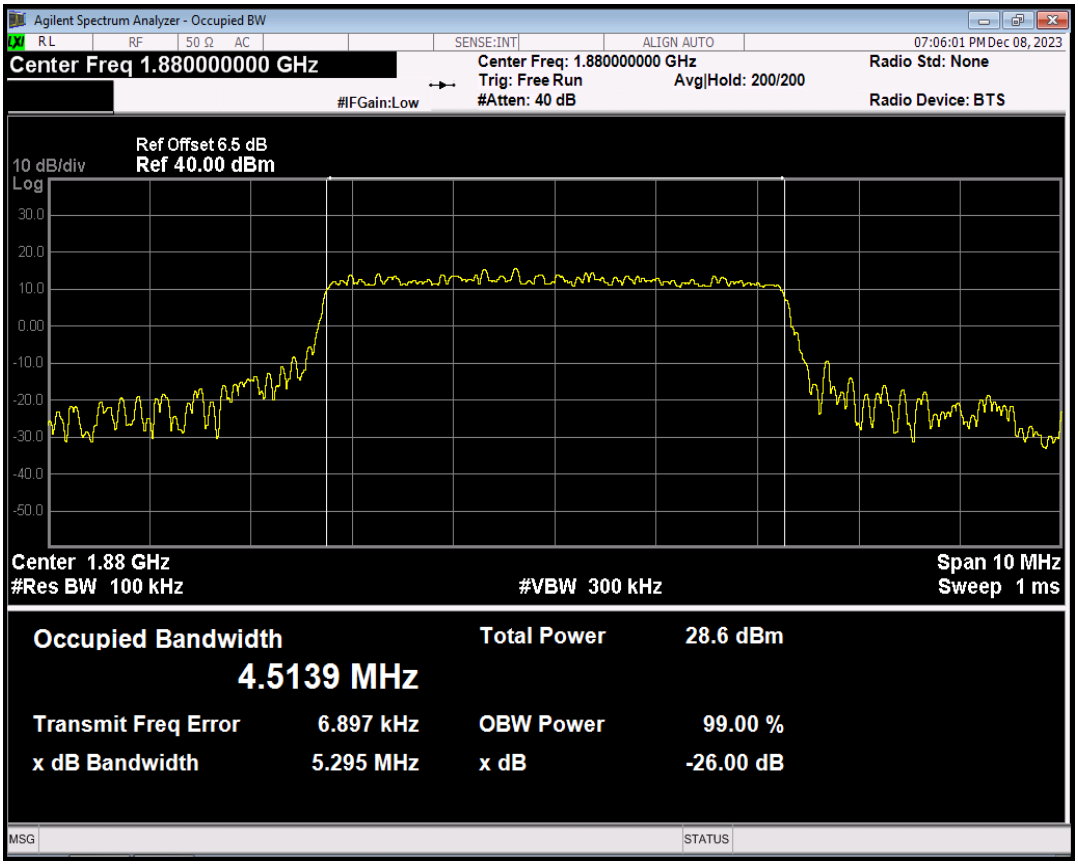
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



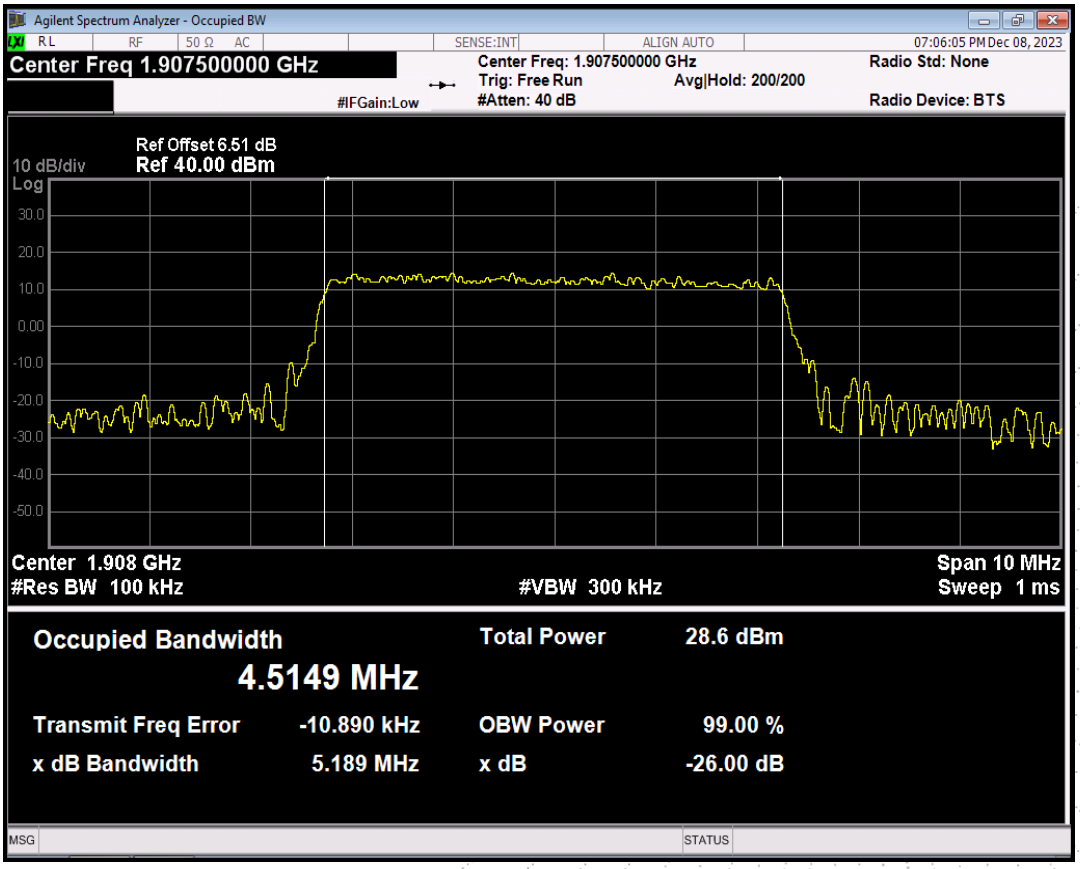
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



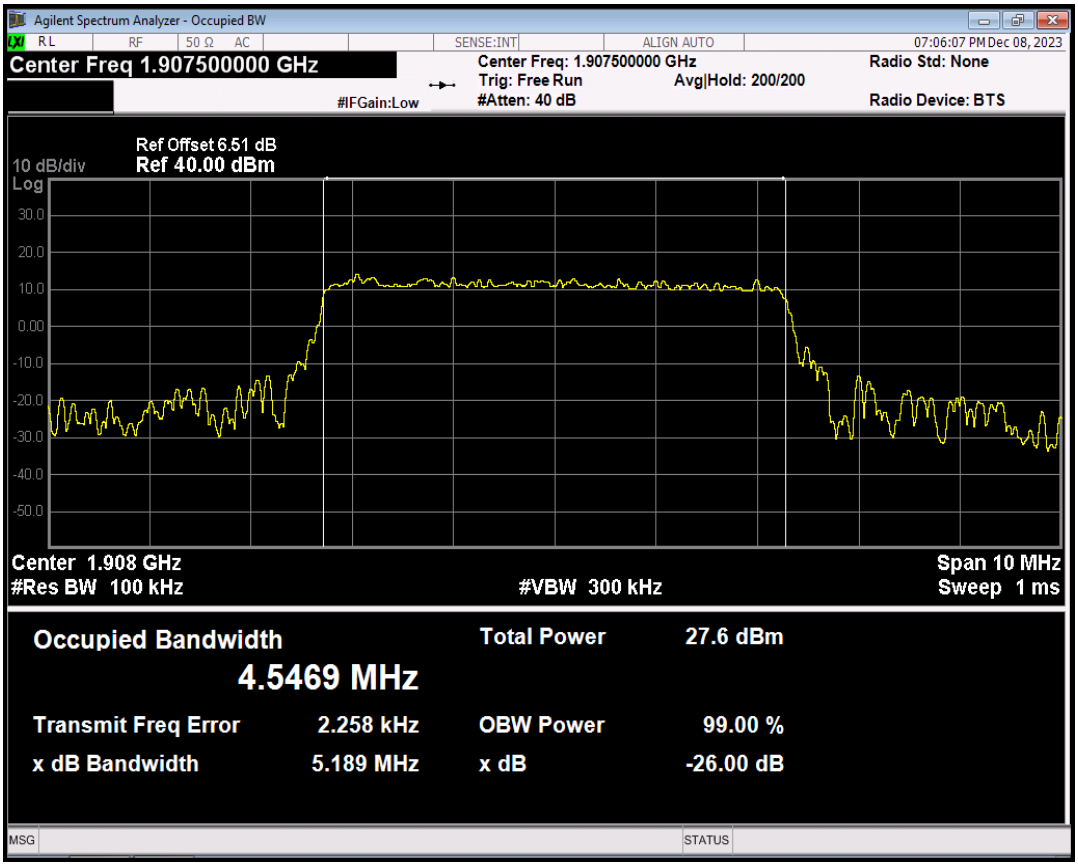
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



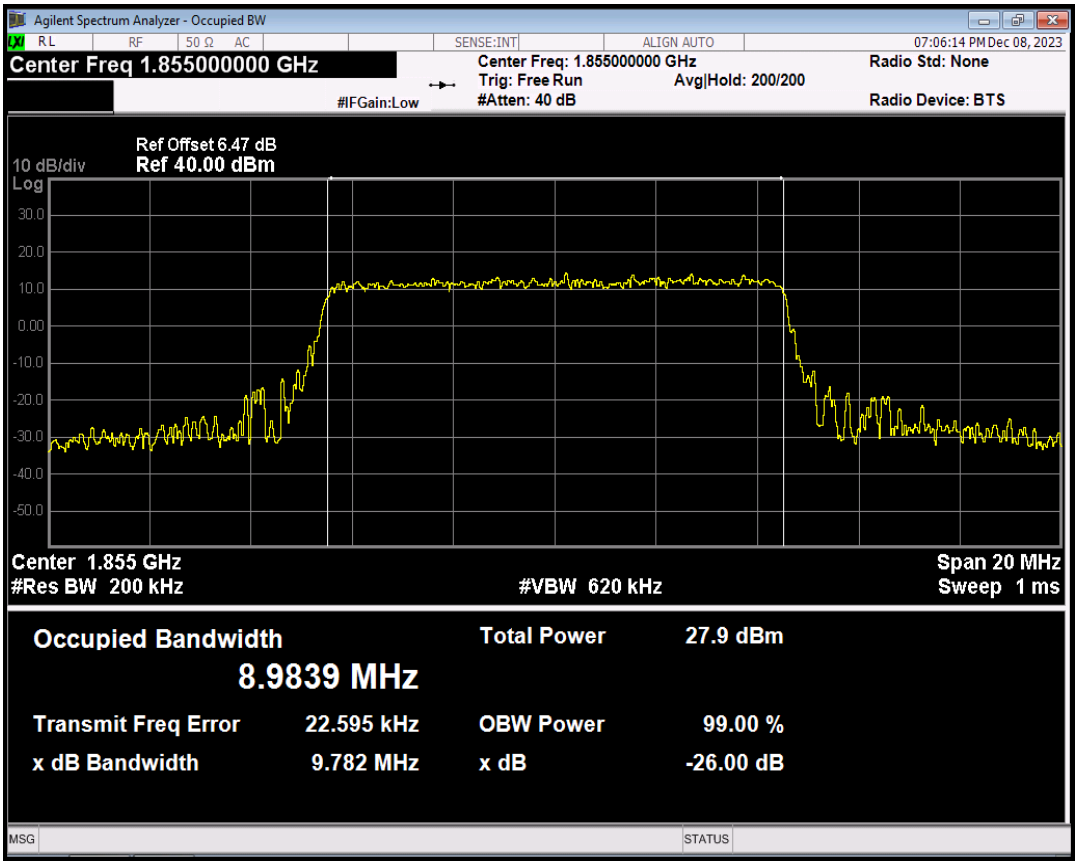
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



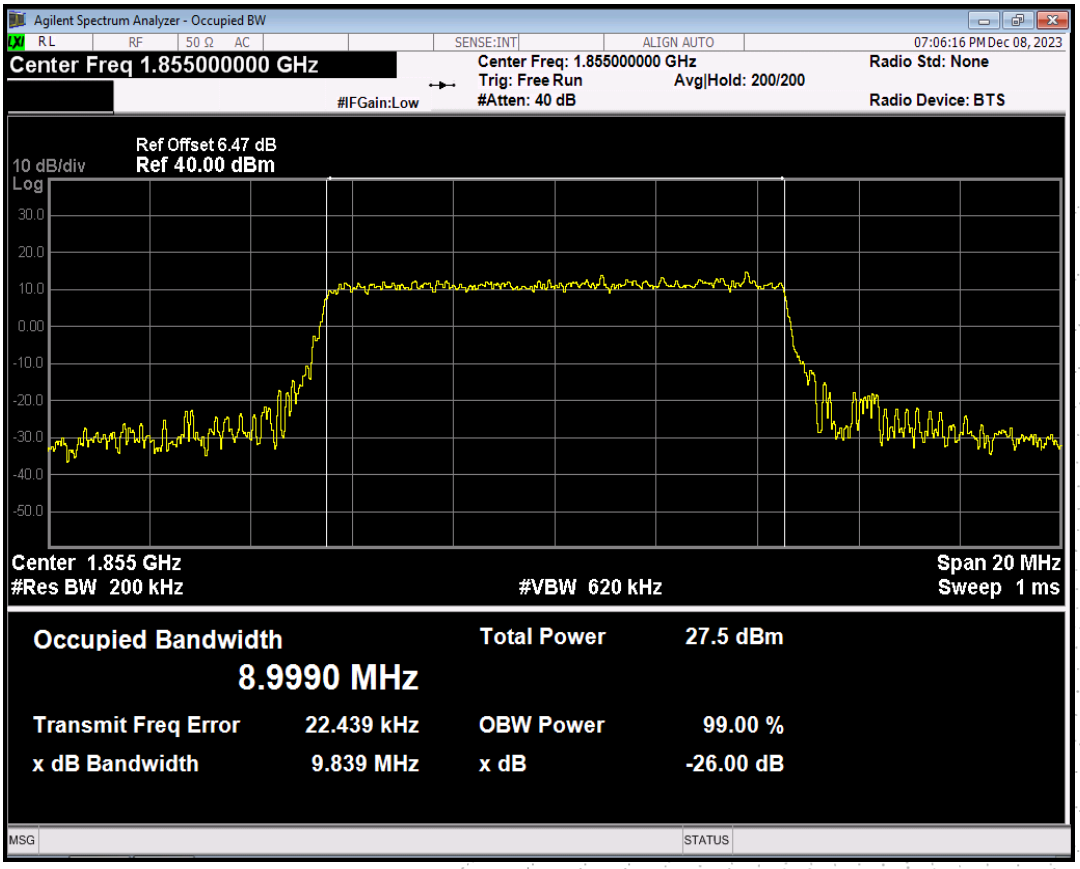
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



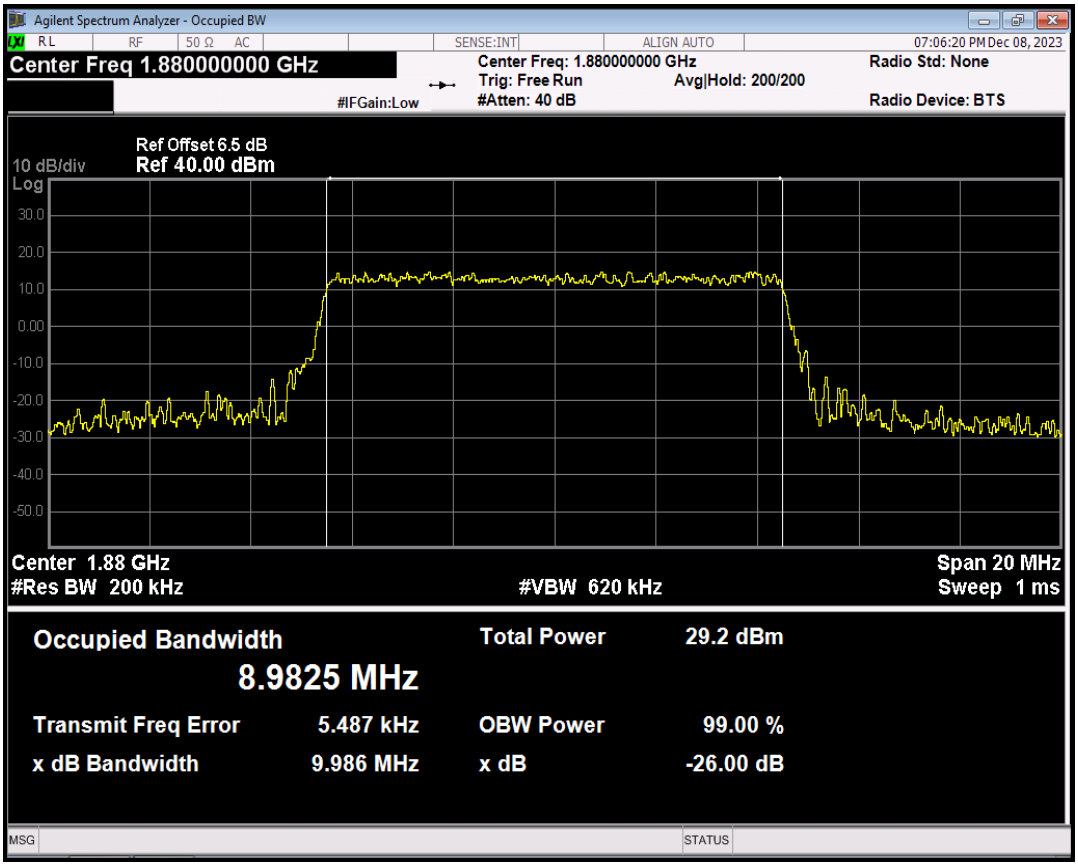
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



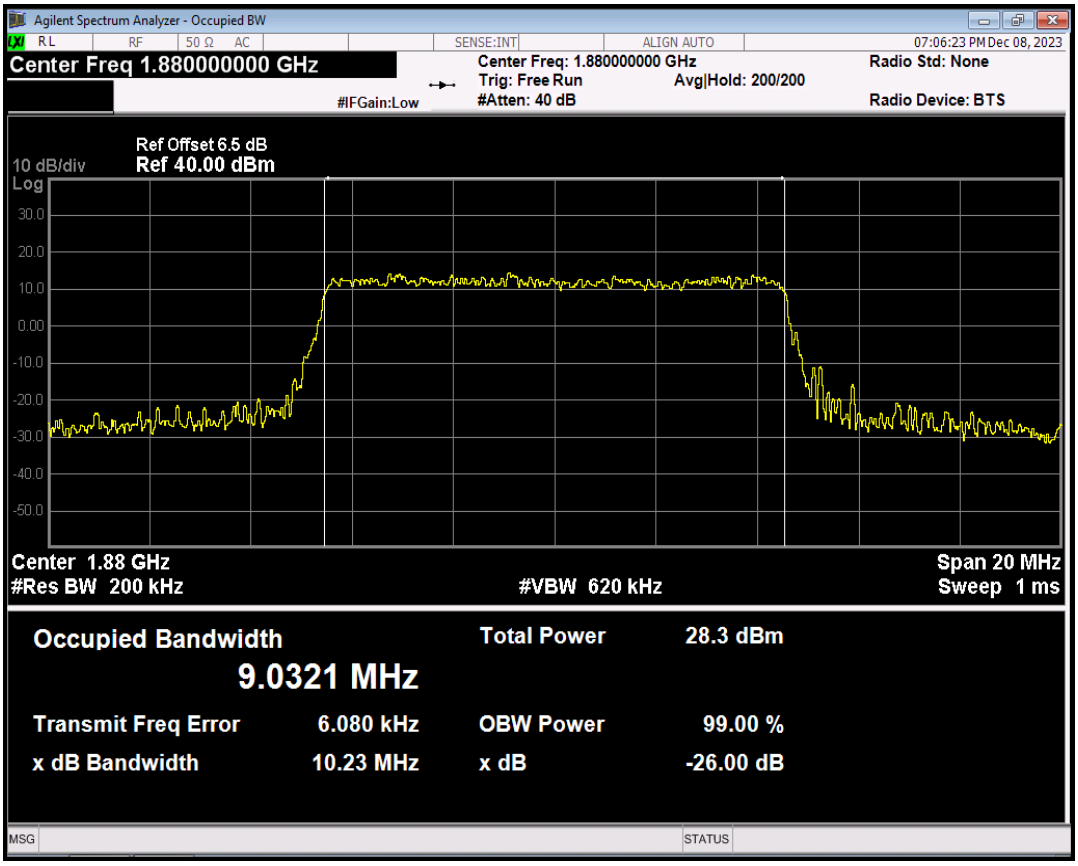
Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



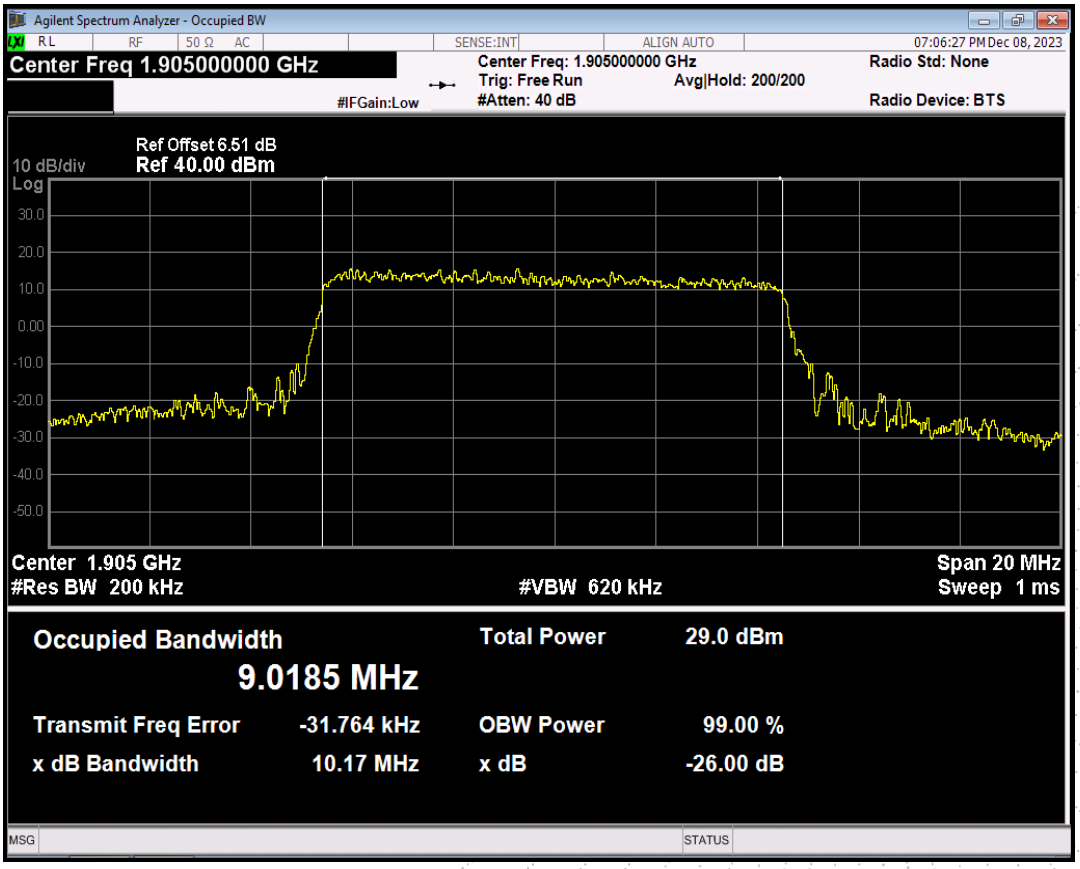
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



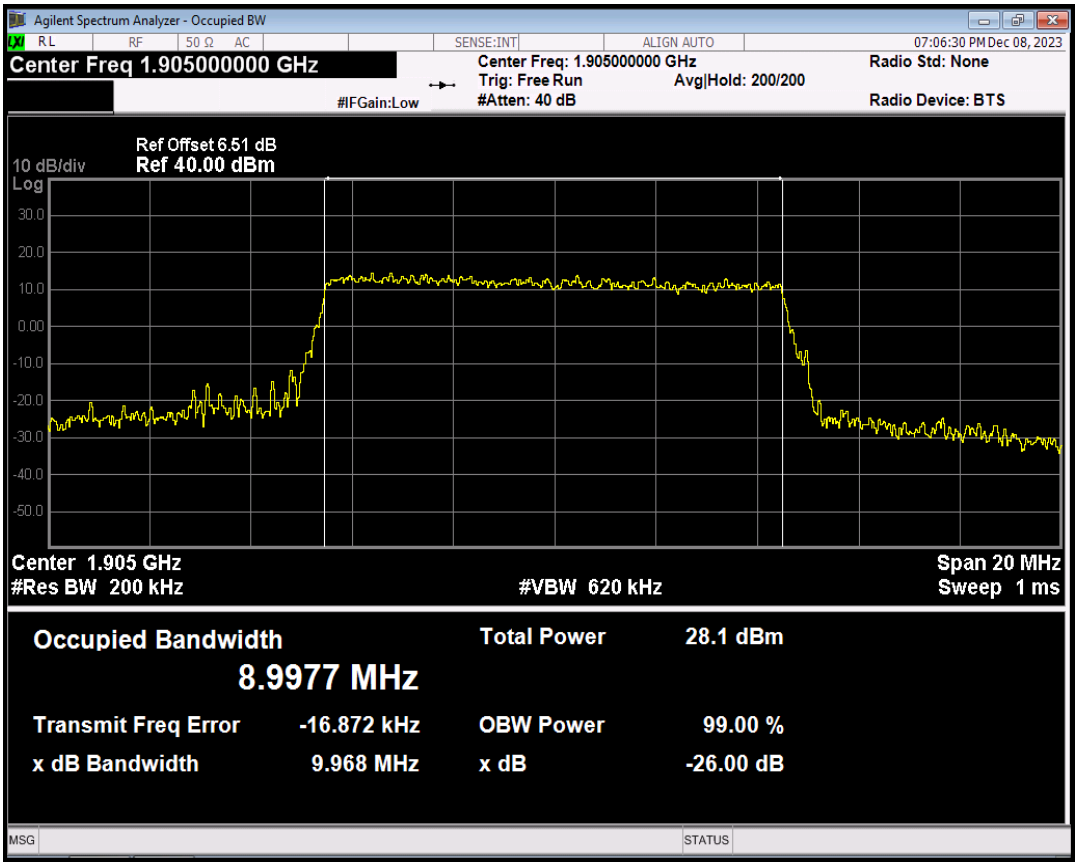
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



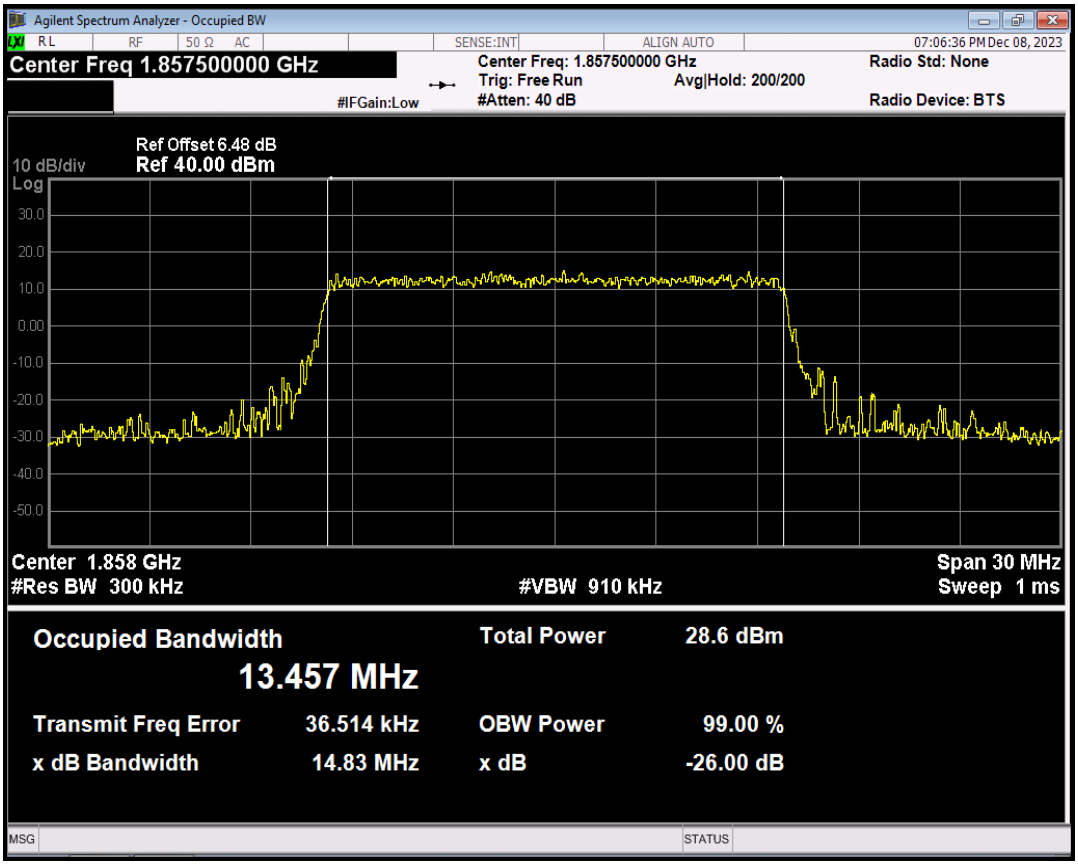
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



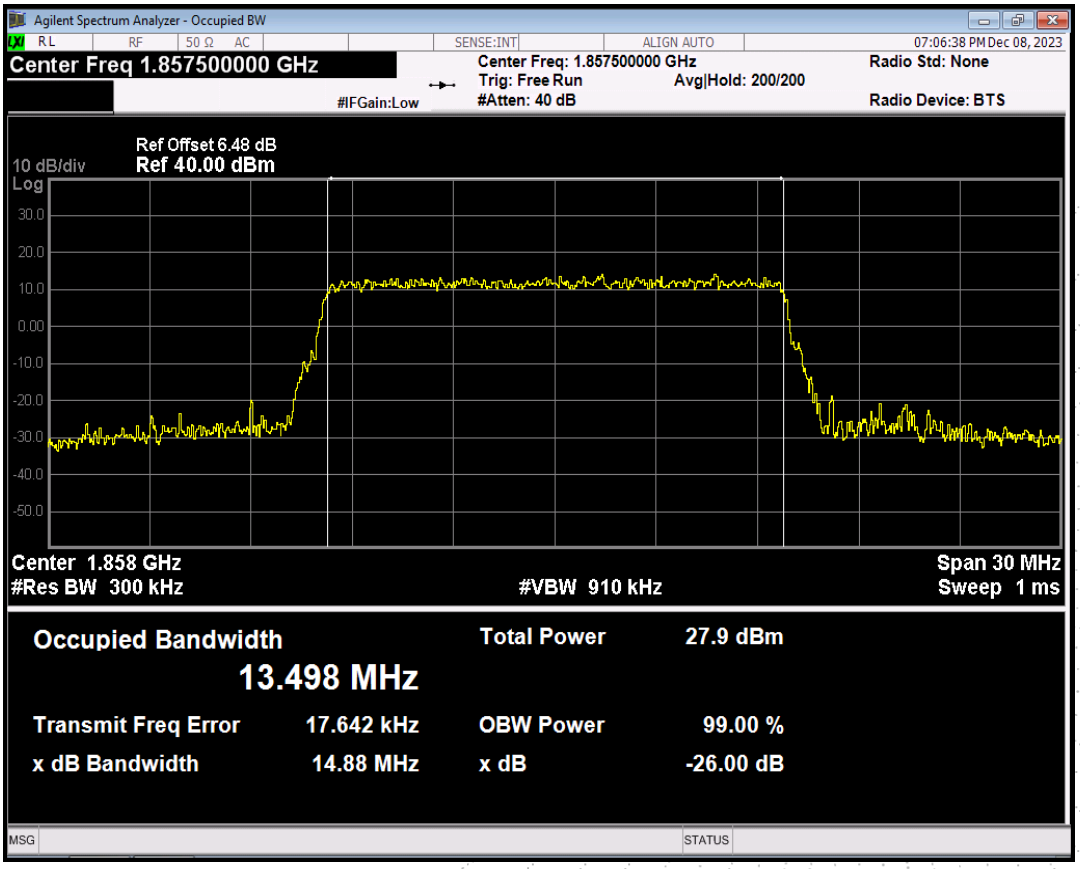
Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



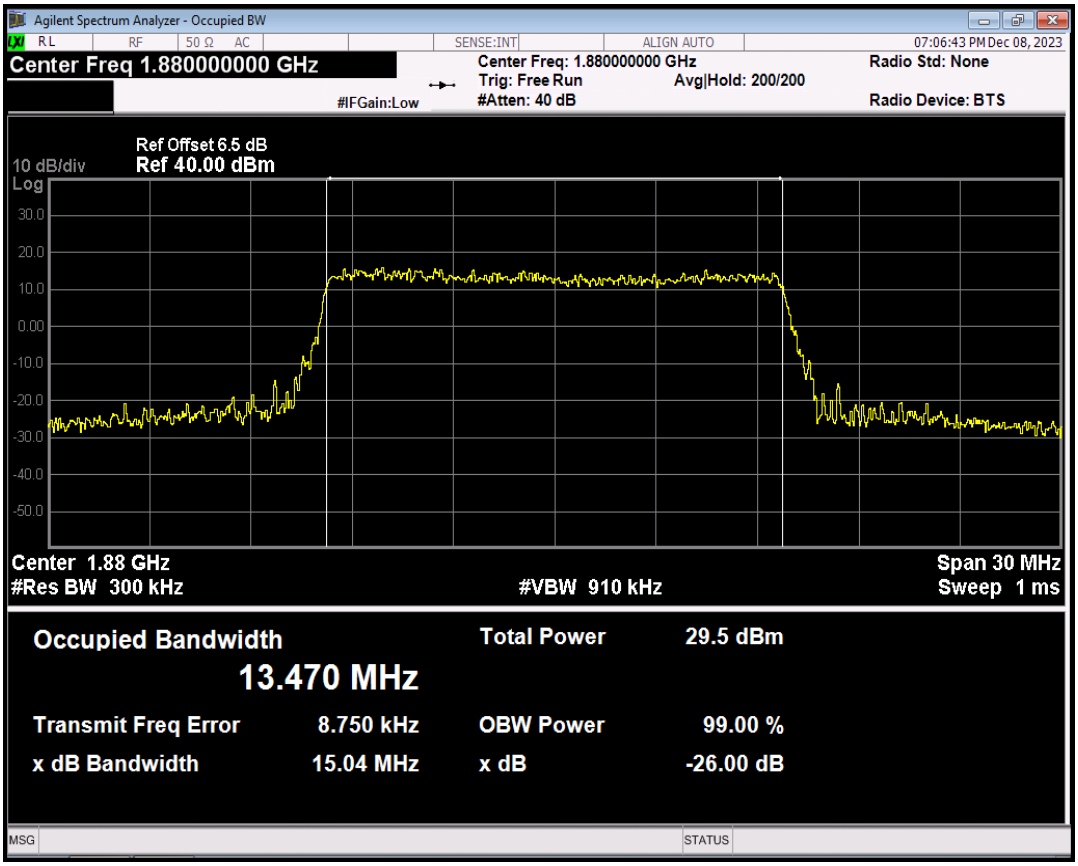
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



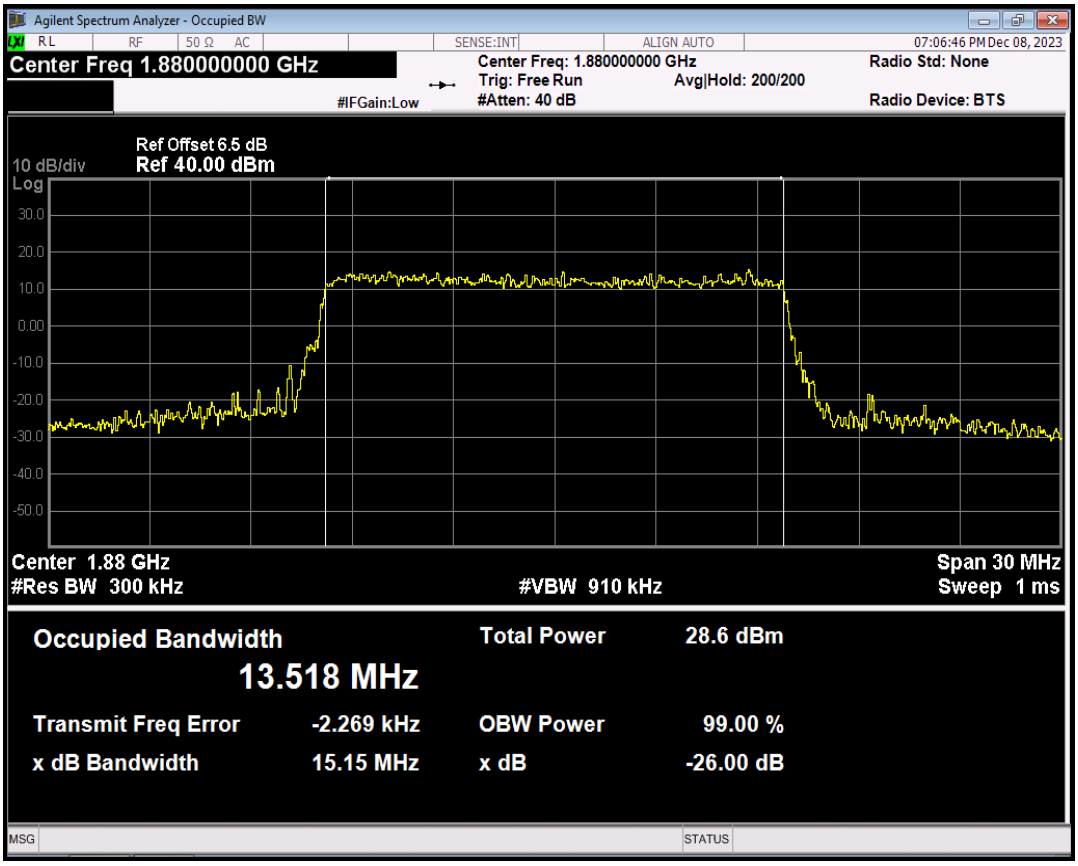
Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



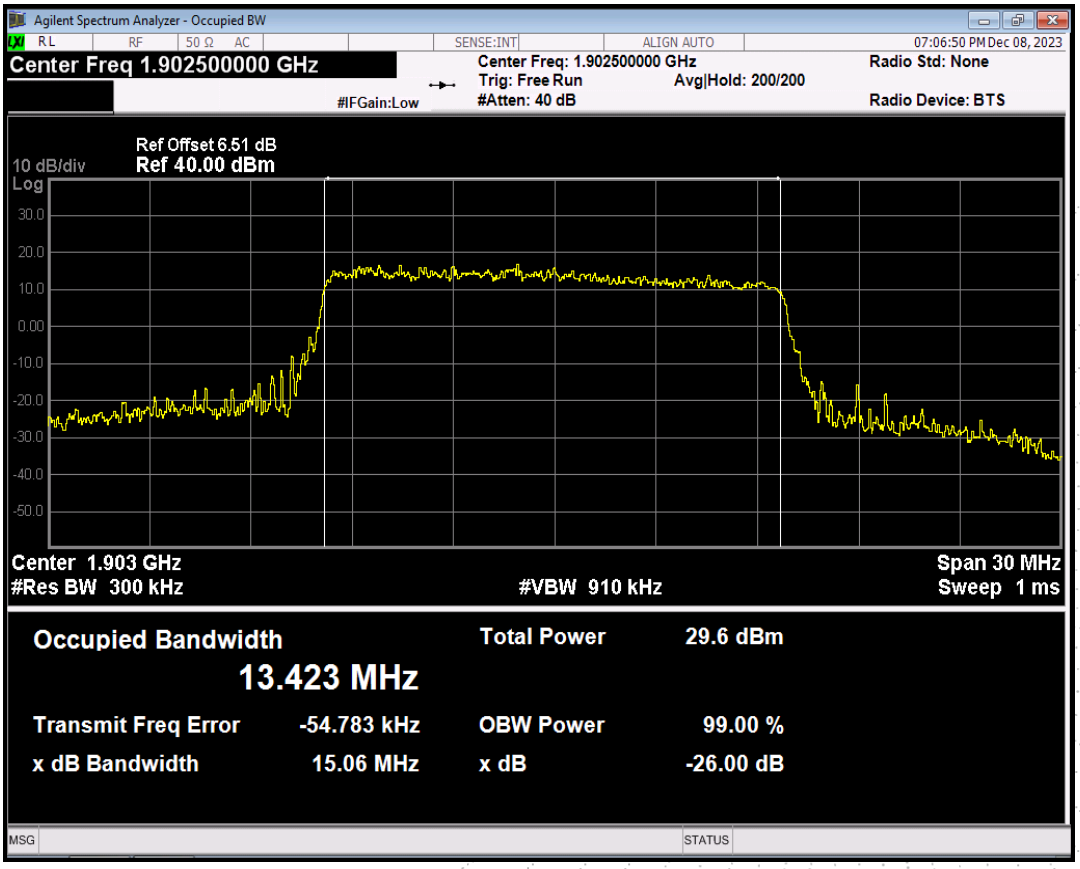
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



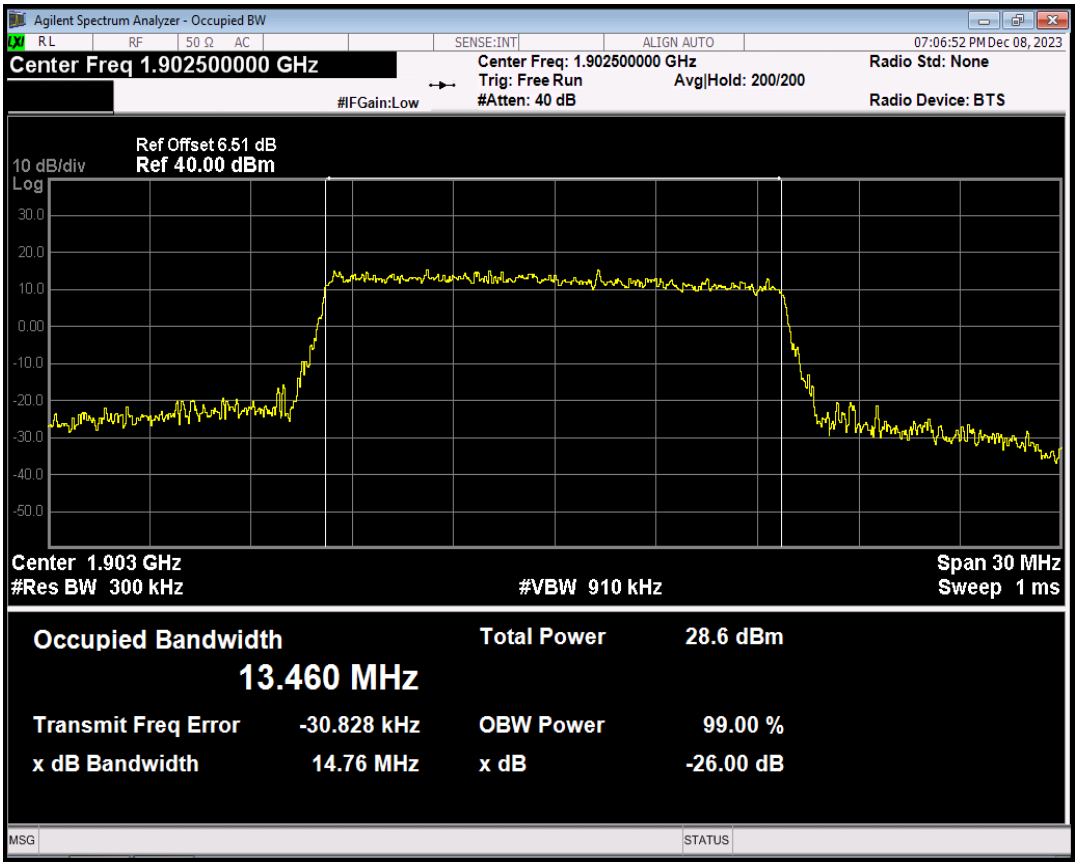
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



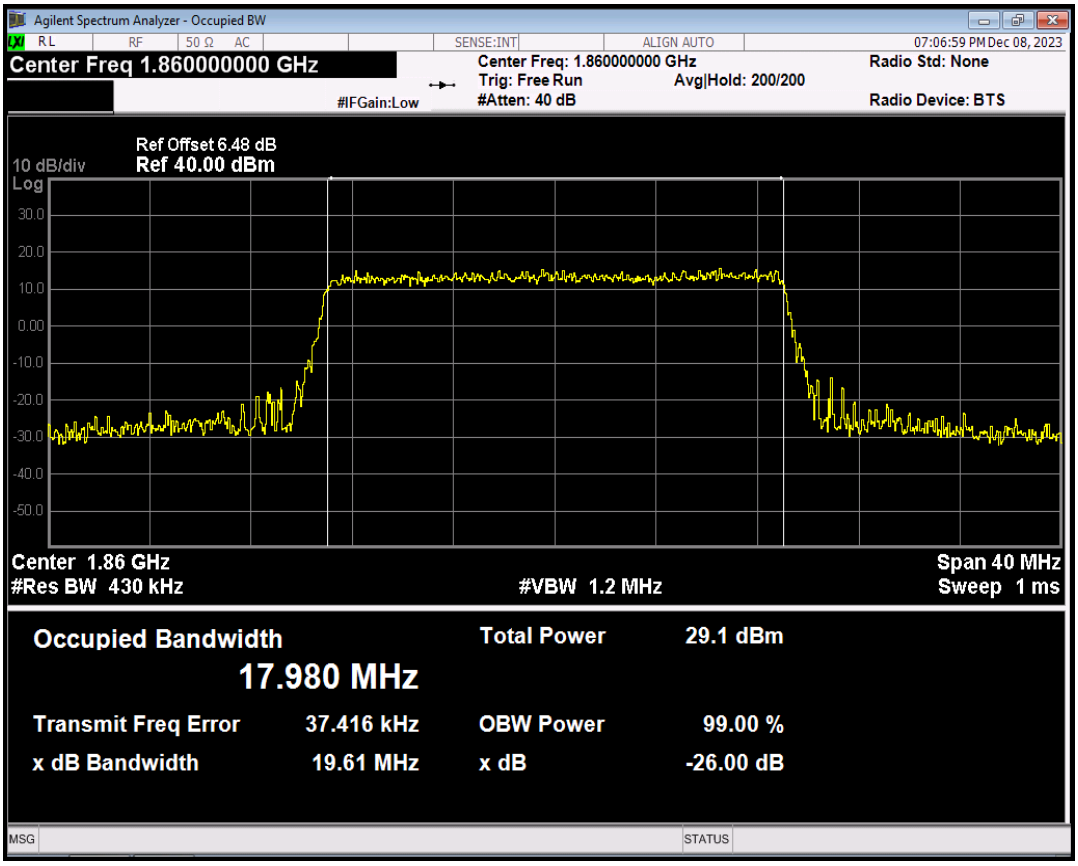
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



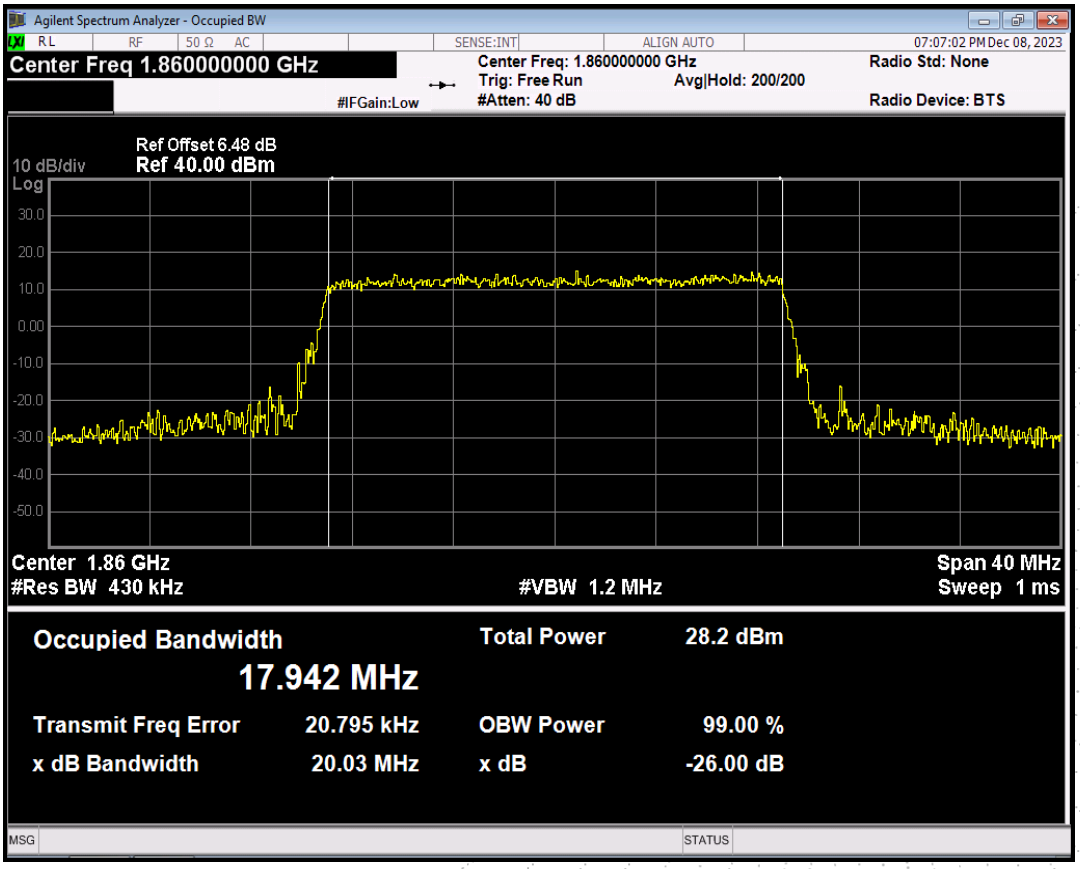
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



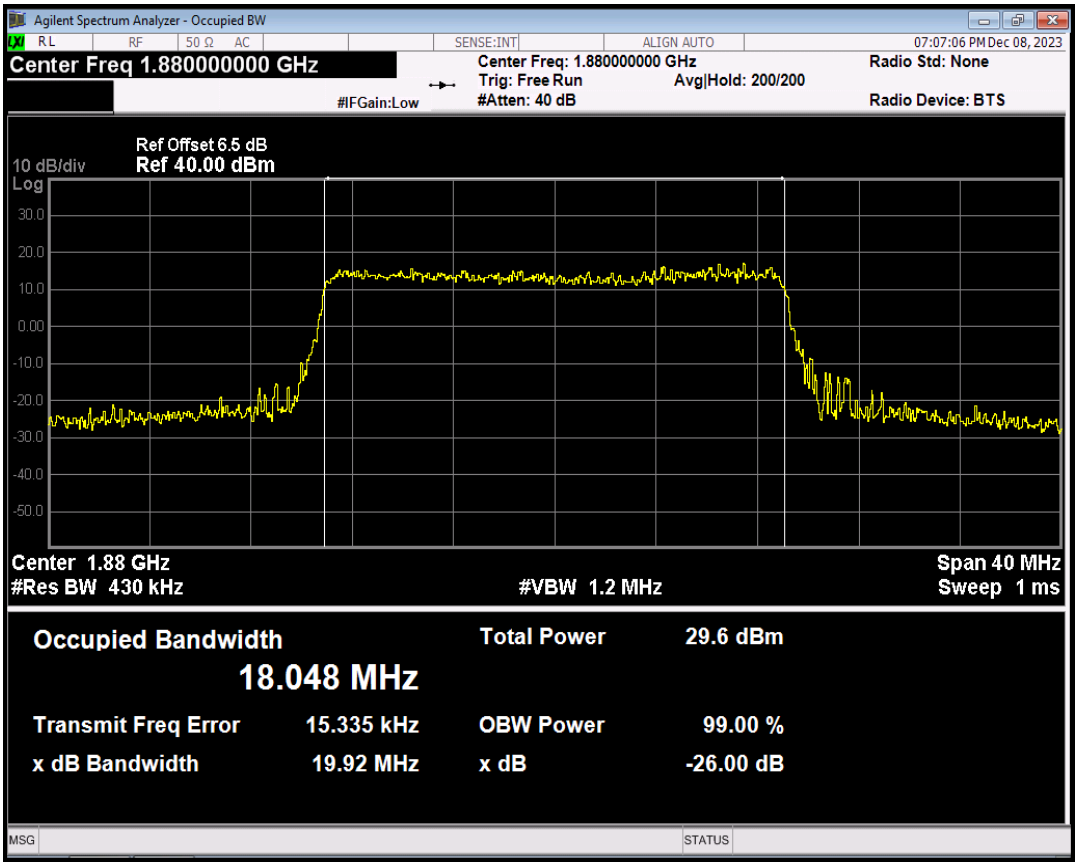
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



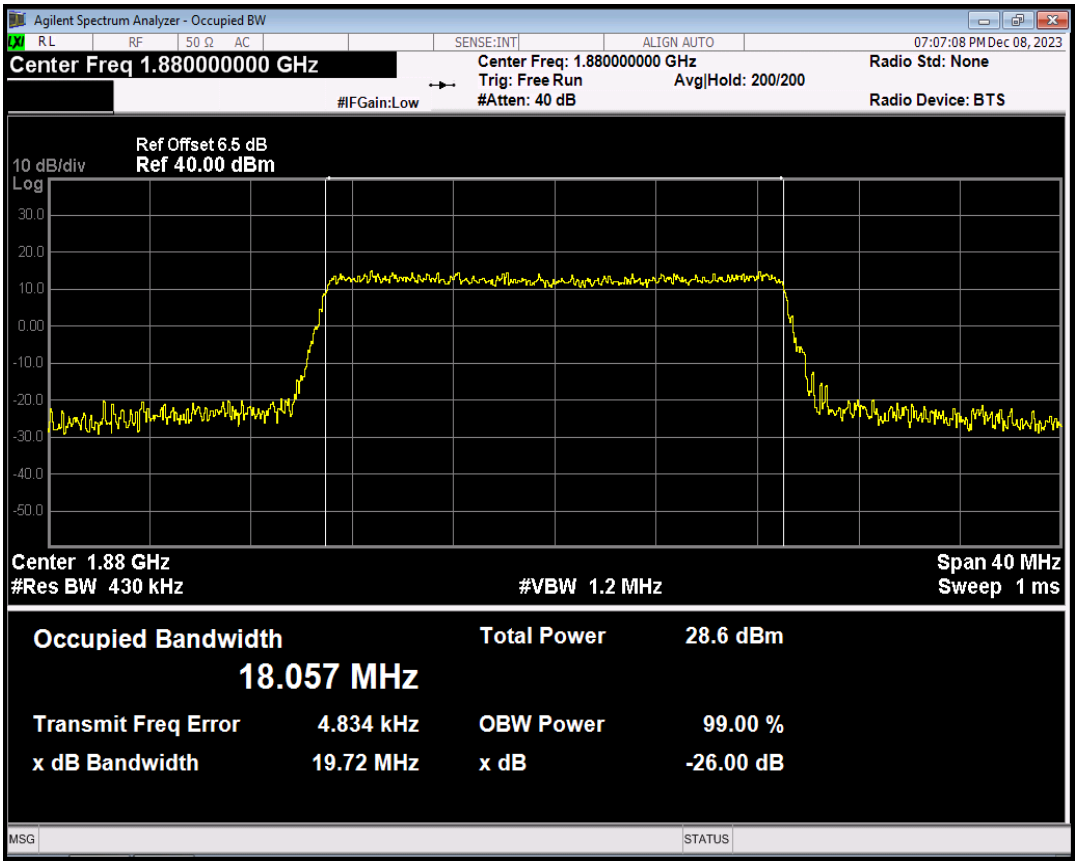
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



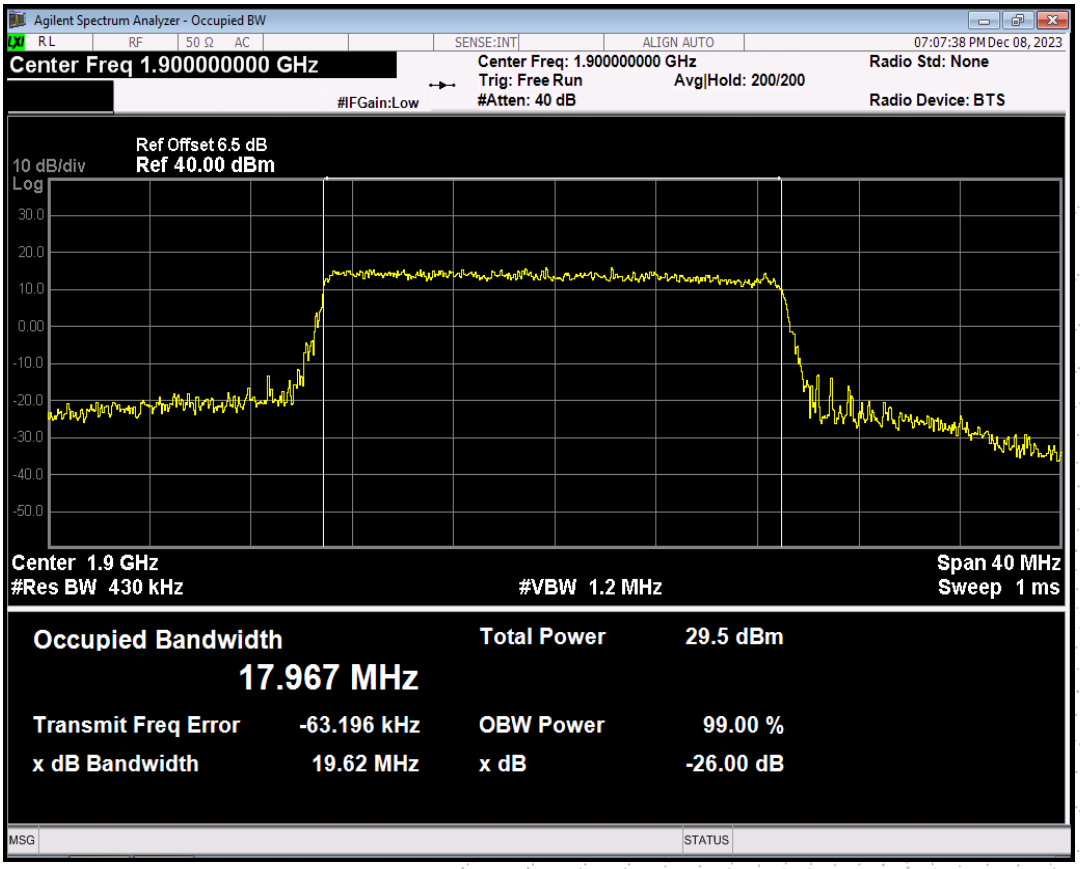
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



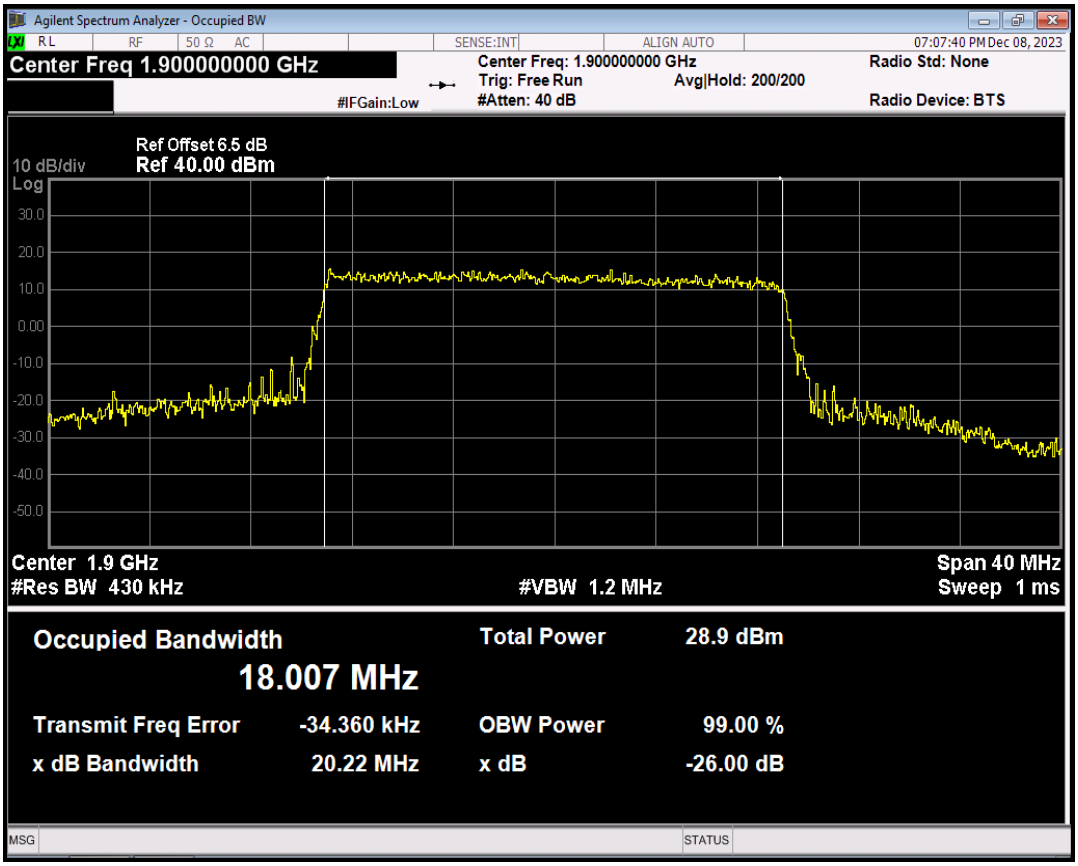
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



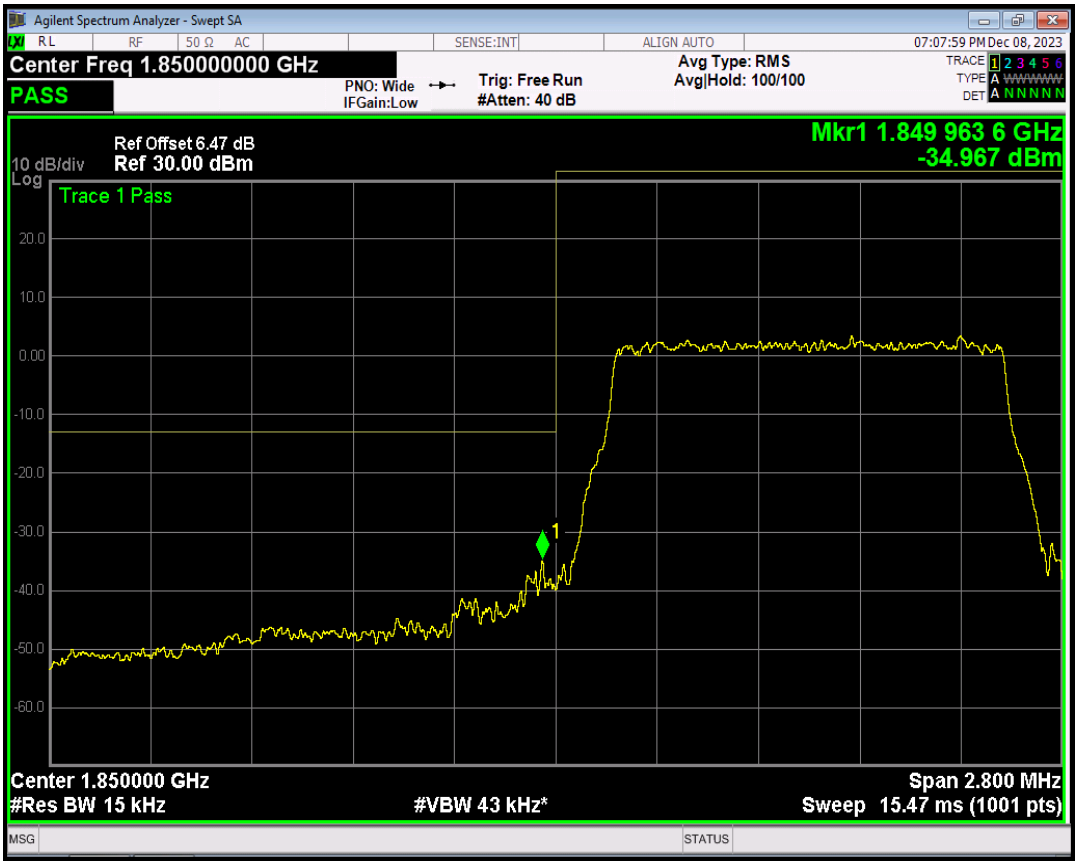
Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0



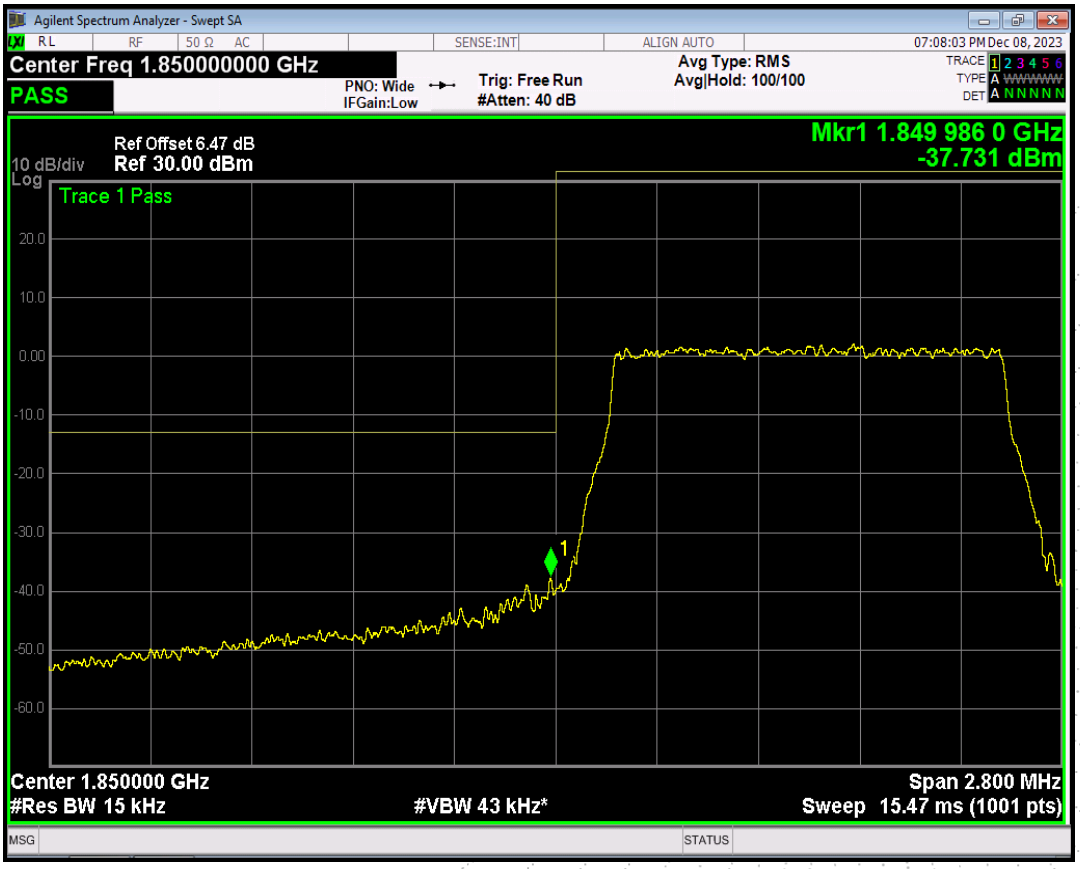
Appendix 5. Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	1849.96	-34.96	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1849.99	-37.73	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.01	-34.14	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.00	-35.70	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-26.19	-13	PASS
Band2	3	18615	15	#0	16QAM	1850.00	-28.87	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.02	-28.89	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.00	-27.09	-13	PASS
Band2	5	18625	25	#0	QPSK	1850.00	-32.32	-13	PASS
Band2	5	18625	25	#0	16QAM	1849.97	-33.51	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.06	-31.72	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.01	-31.34	-13	PASS
Band2	10	18650	50	#0	QPSK	1850.00	-34.59	-13	PASS
Band2	10	18650	50	#0	16QAM	1849.98	-38.32	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.12	-35.25	-13	PASS
Band2	10	19150	50	#0	16QAM	1910.00	-36.85	-13	PASS
Band2	15	18675	75	#0	QPSK	1849.97	-35.78	-13	PASS
Band2	15	18675	75	#0	16QAM	1849.85	-38.87	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.18	-34.75	-13	PASS
Band2	15	19125	75	#0	16QAM	1910.06	-37.97	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.92	-38.93	-13	PASS
Band2	20	18700	100	#0	16QAM	1850.00	-38.85	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.00	-36.51	-13	PASS
Band2	20	19100	100	#0	16QAM	1910.00	-37.01	-13	PASS

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0

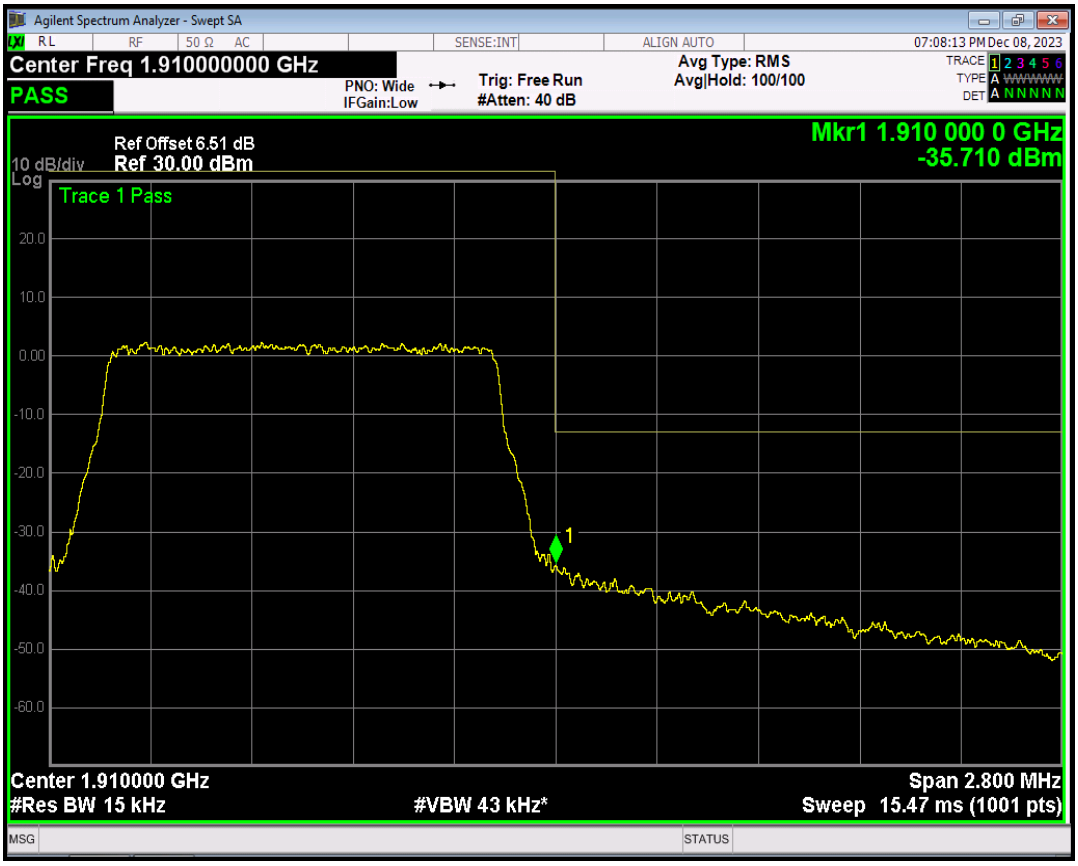


Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0

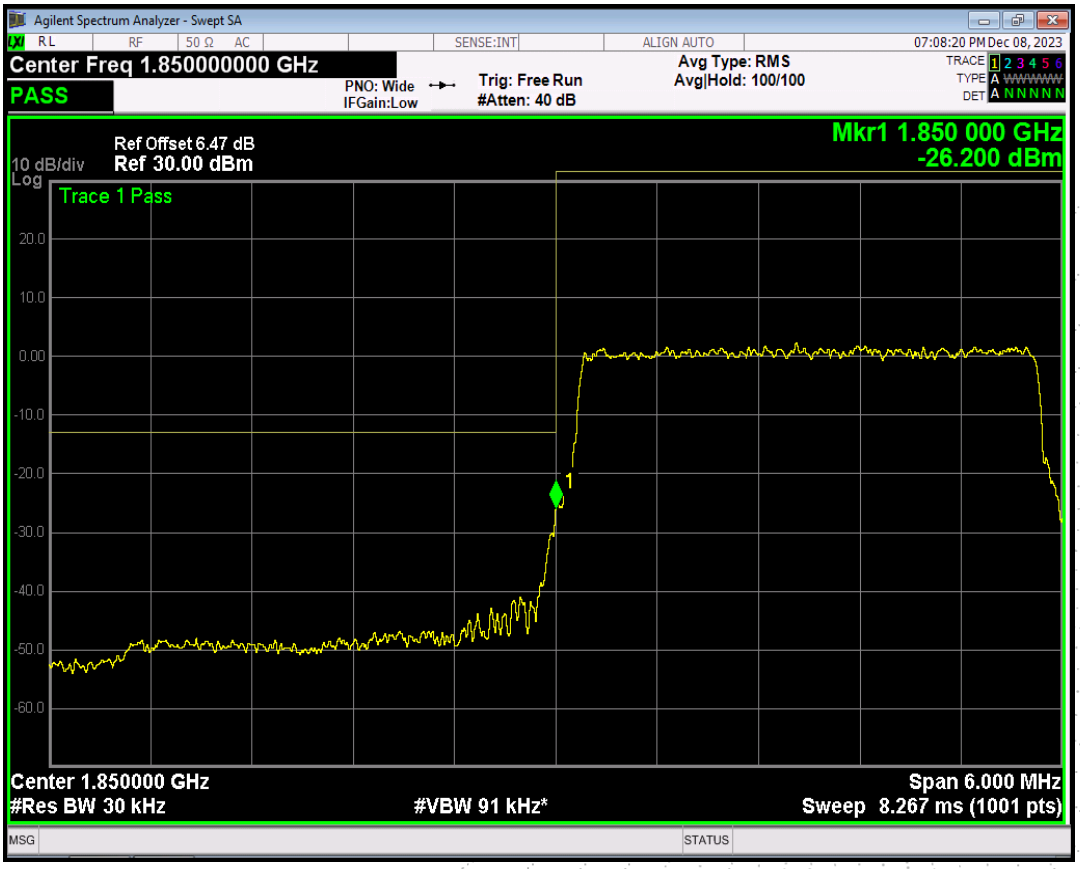


Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0

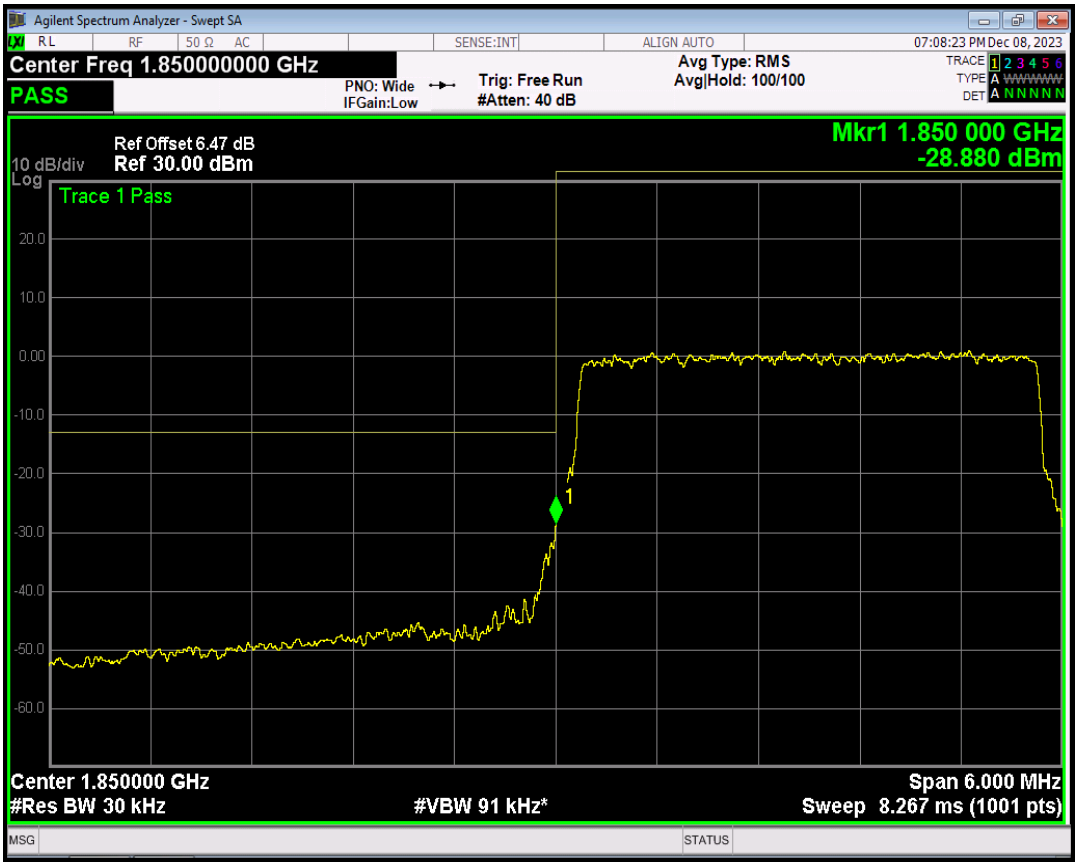
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



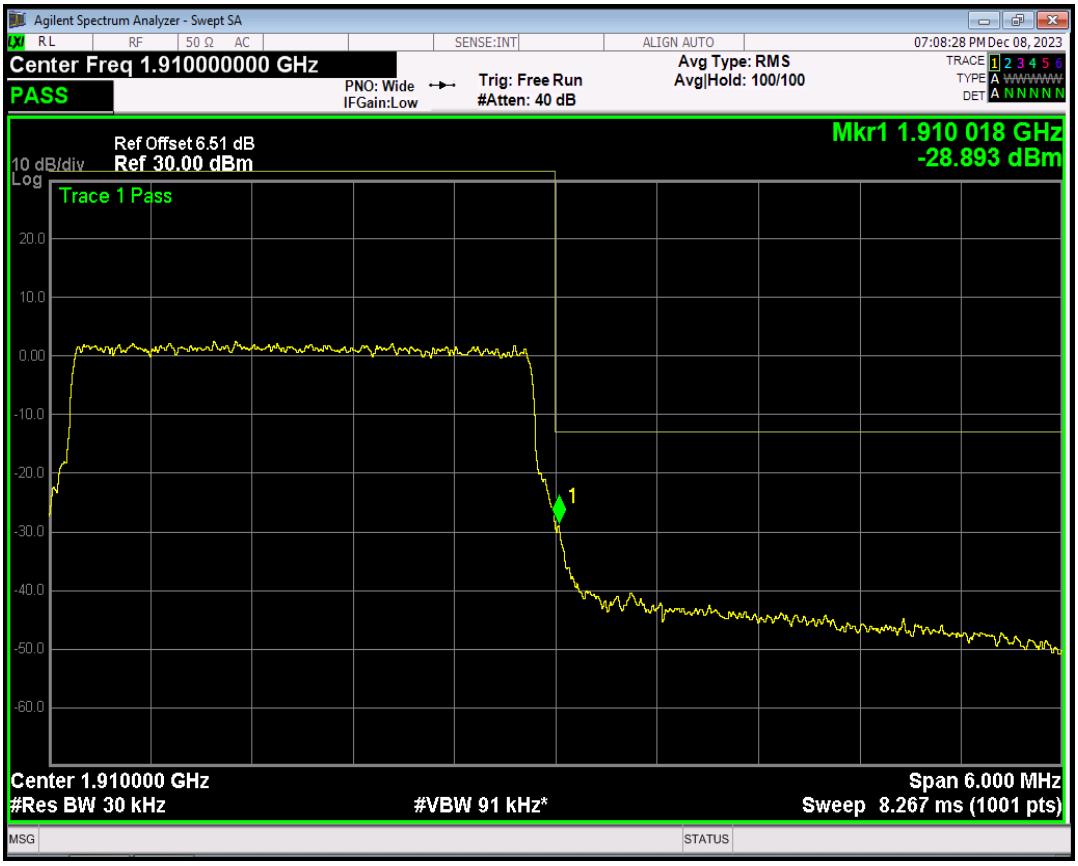
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



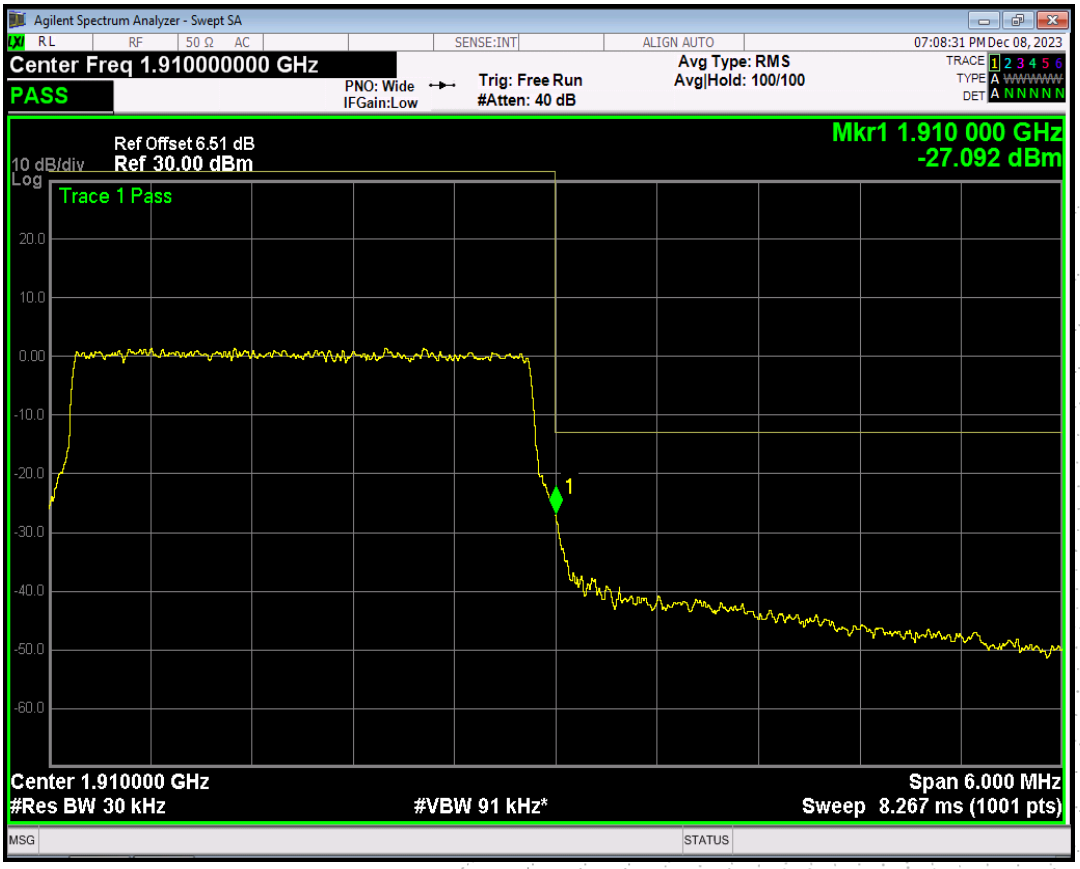
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



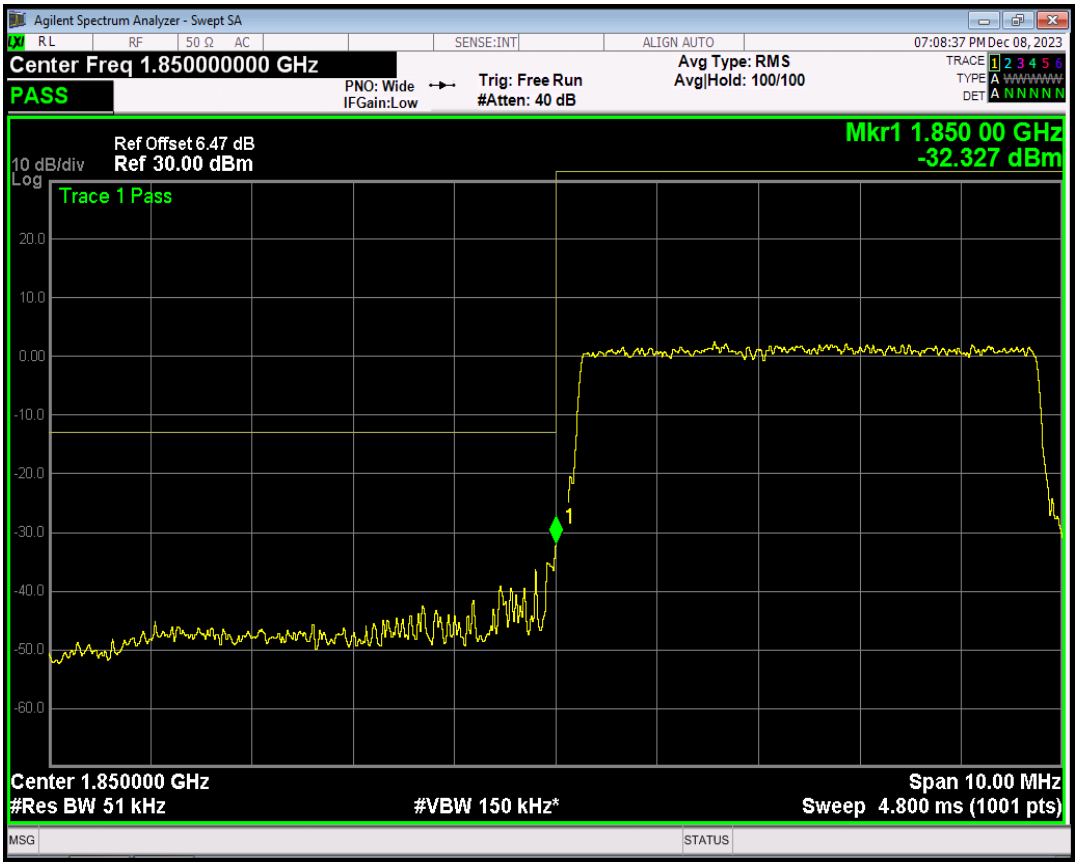
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



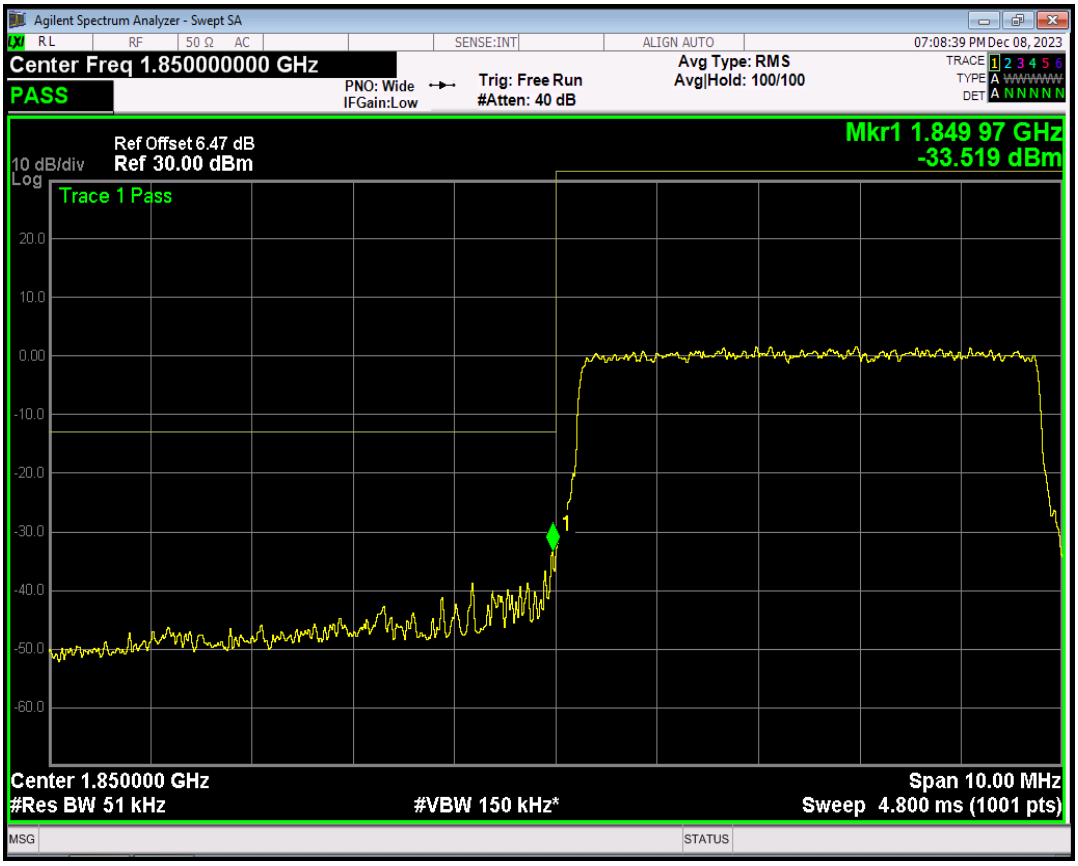
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



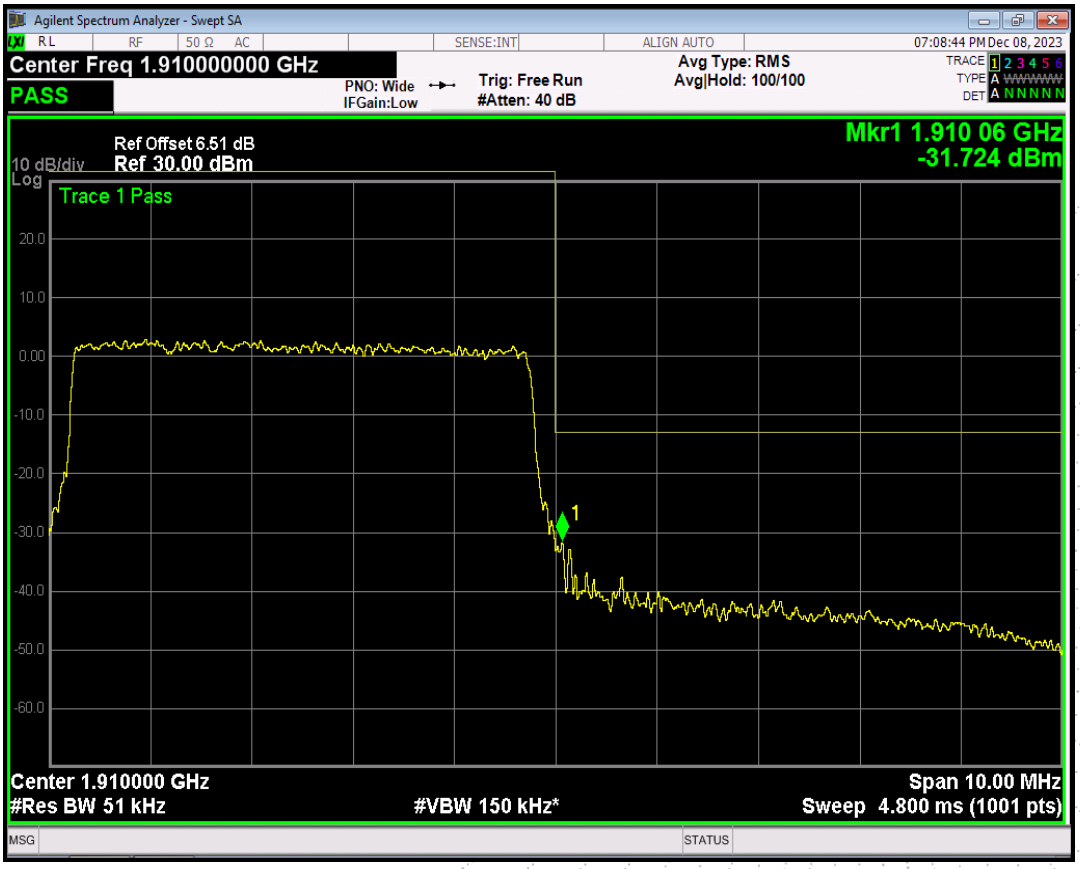
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



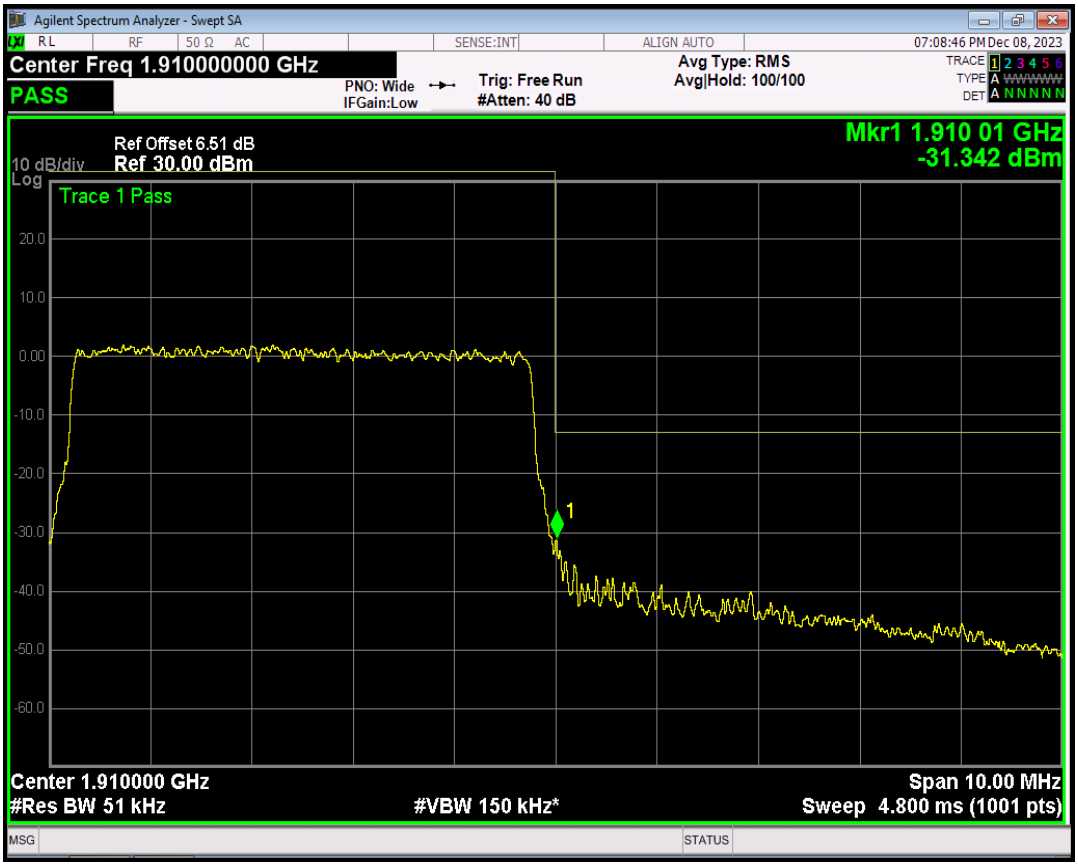
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



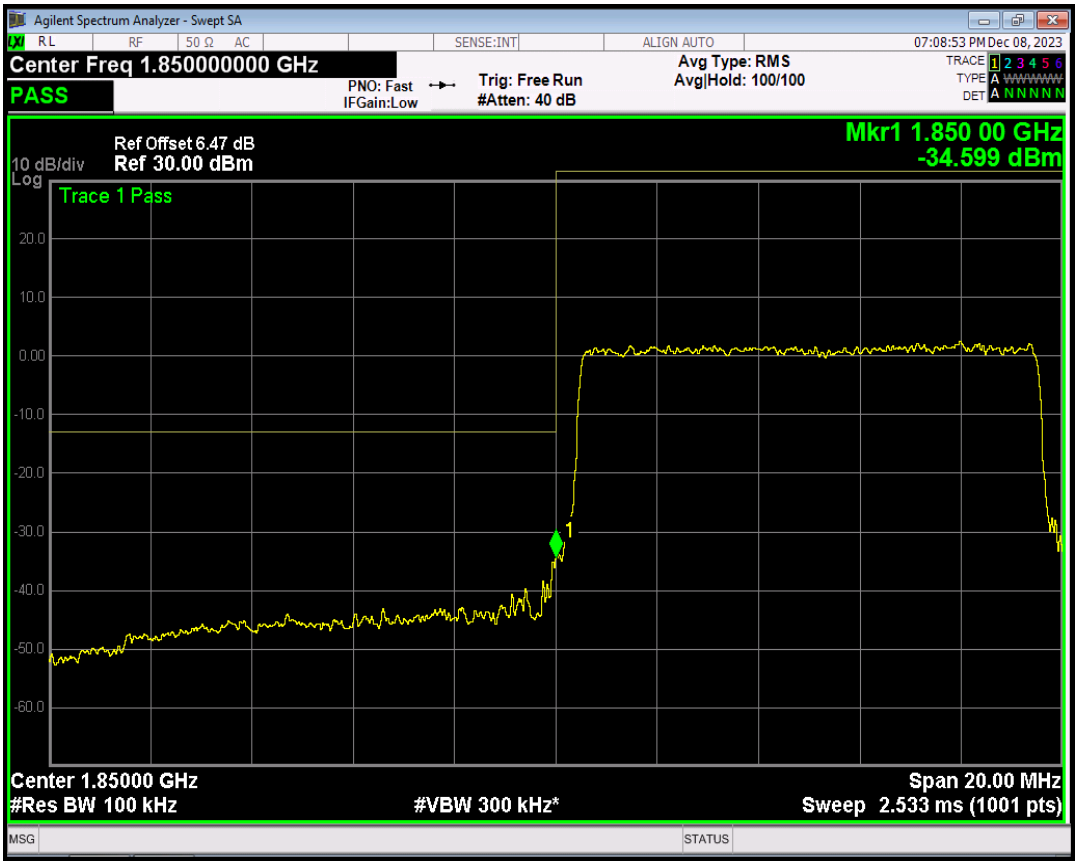
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



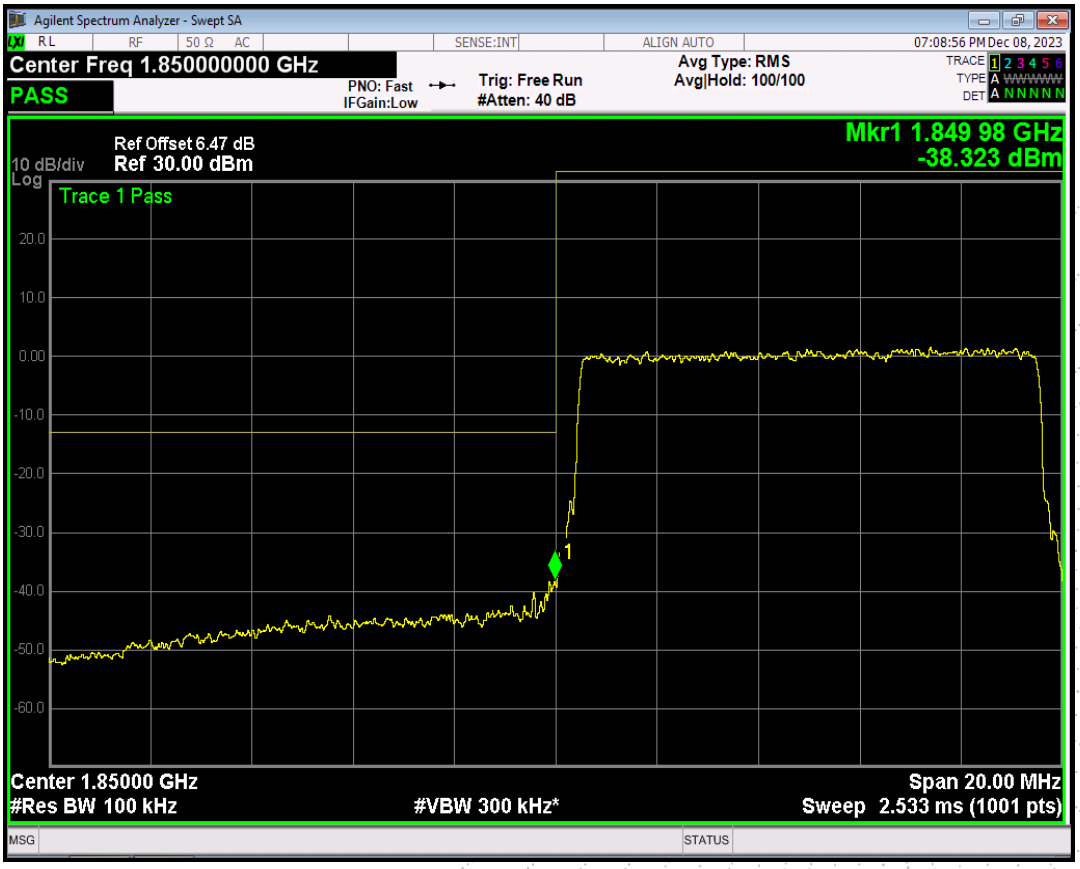
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



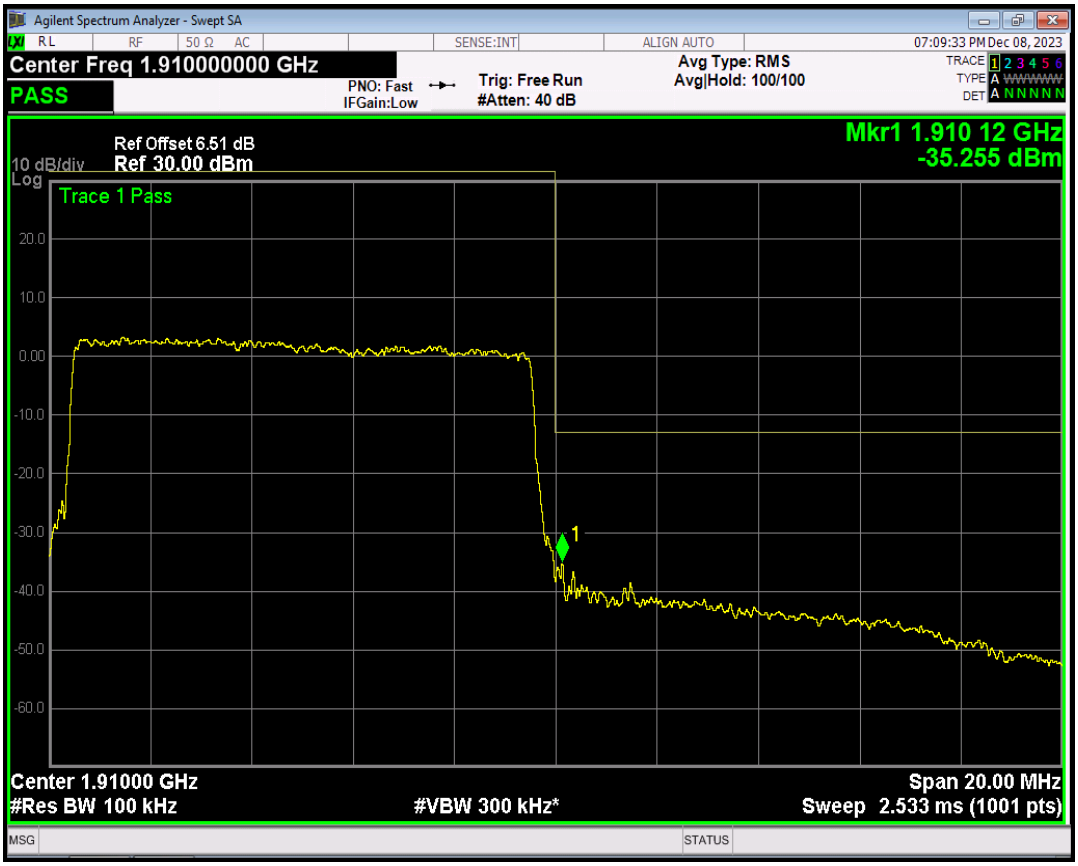
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



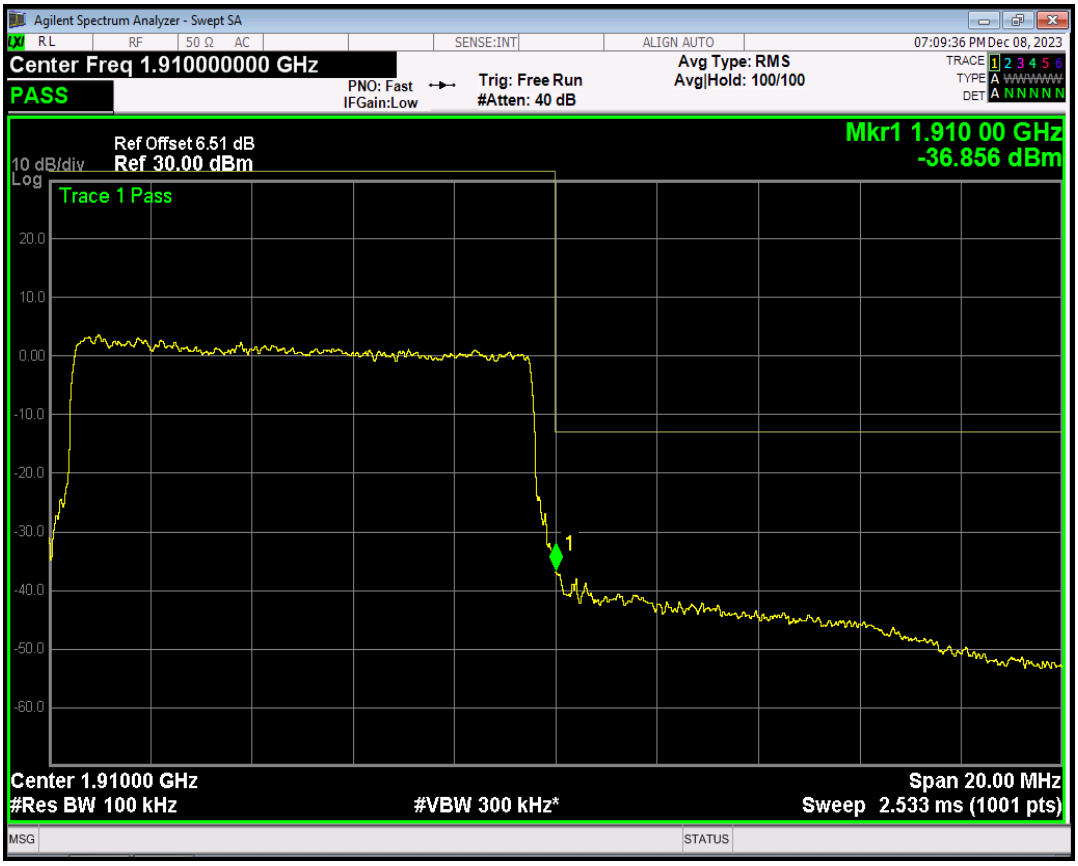
Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



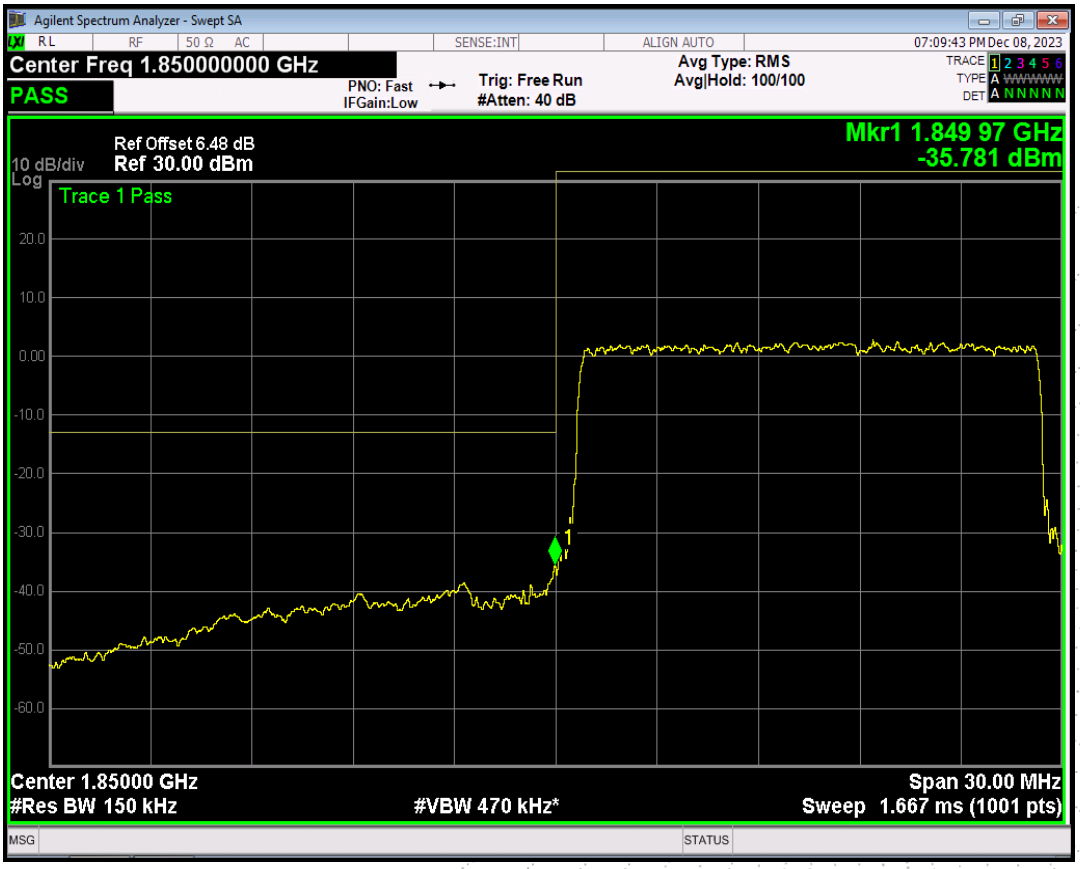
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



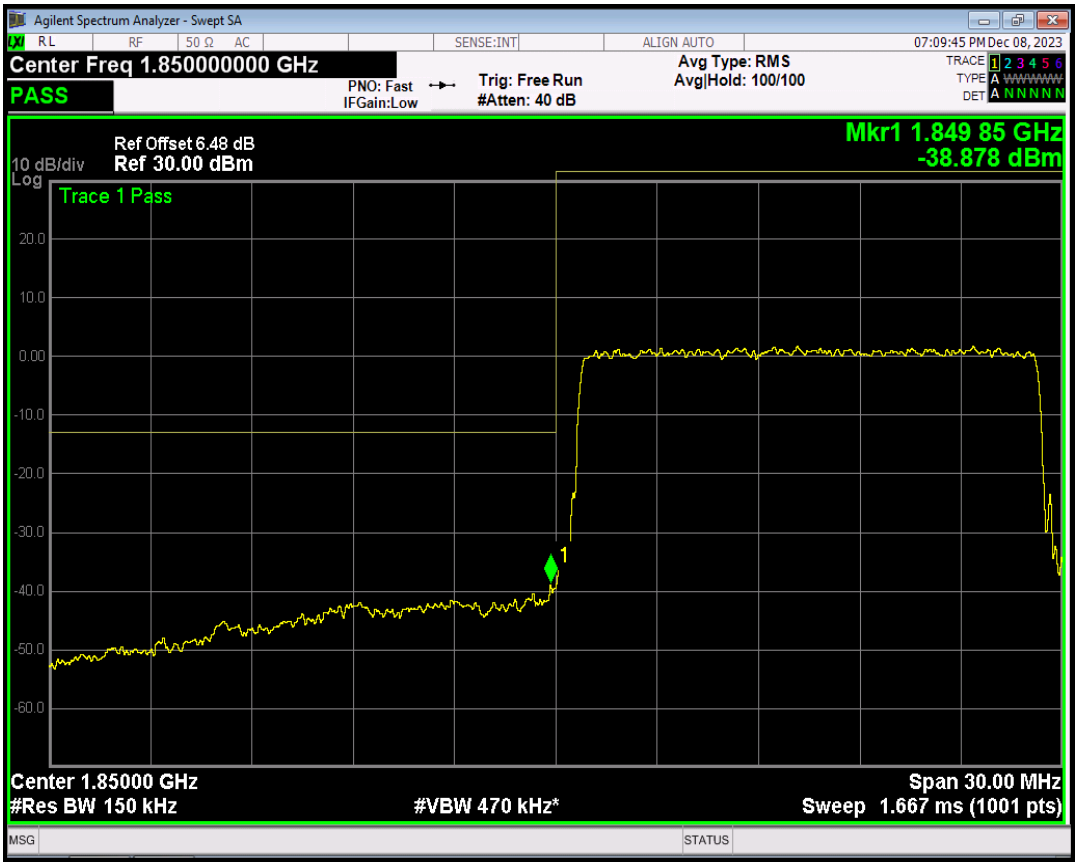
Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



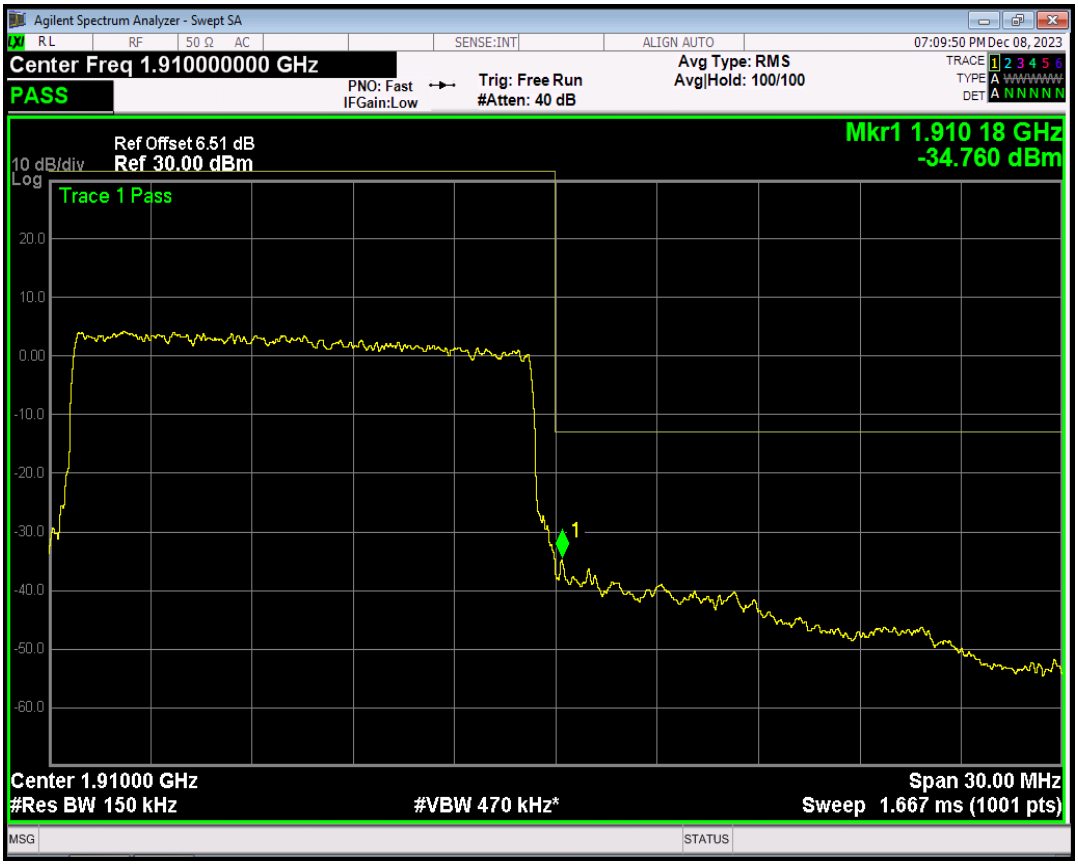
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0

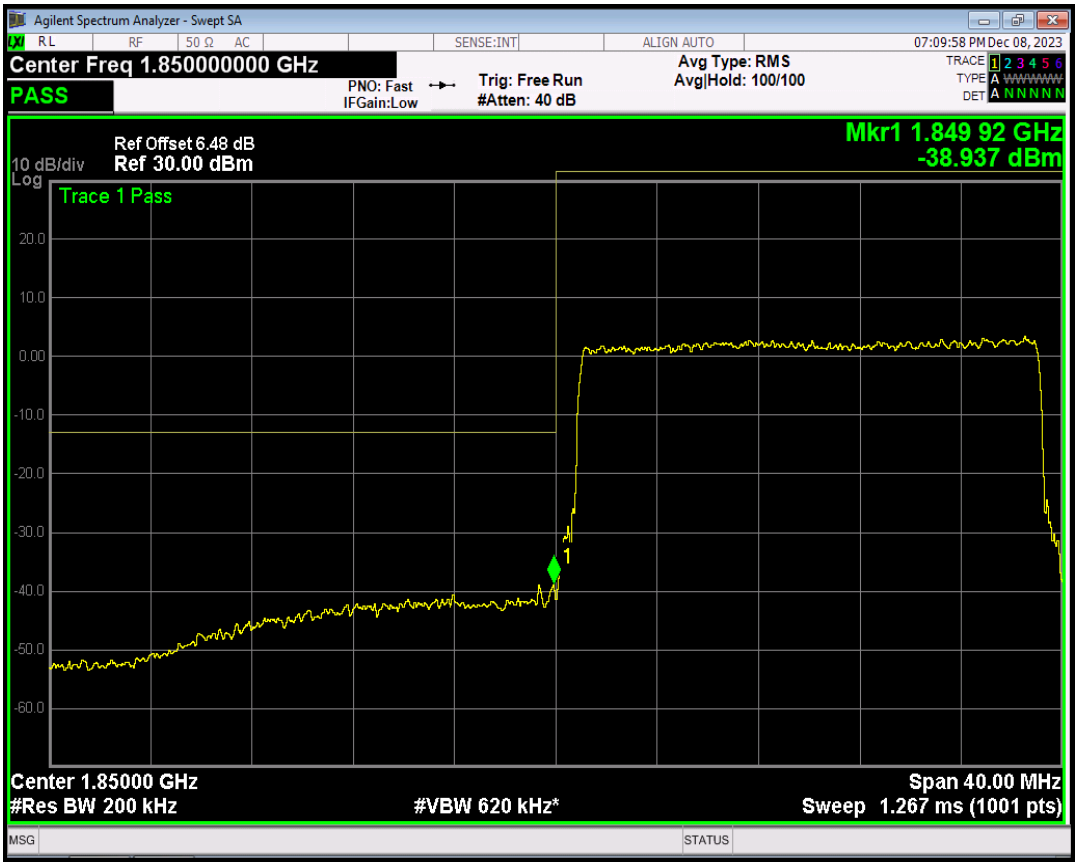


Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0

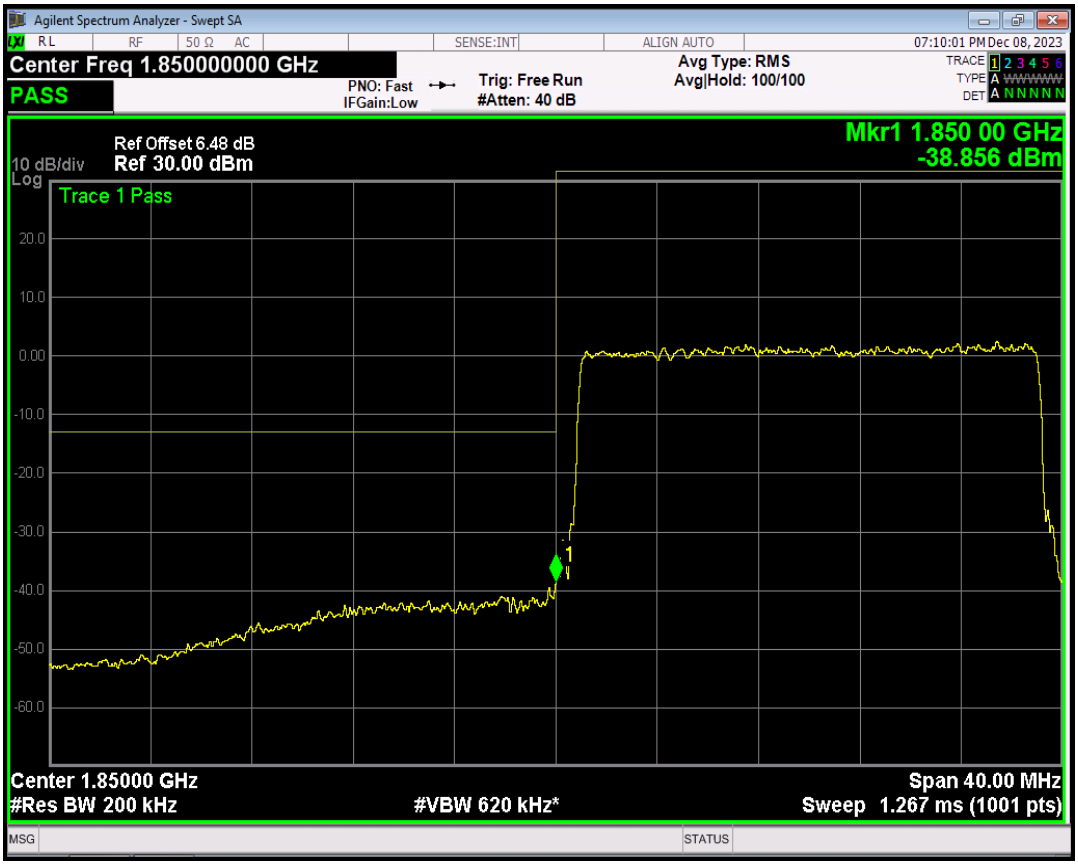


Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0

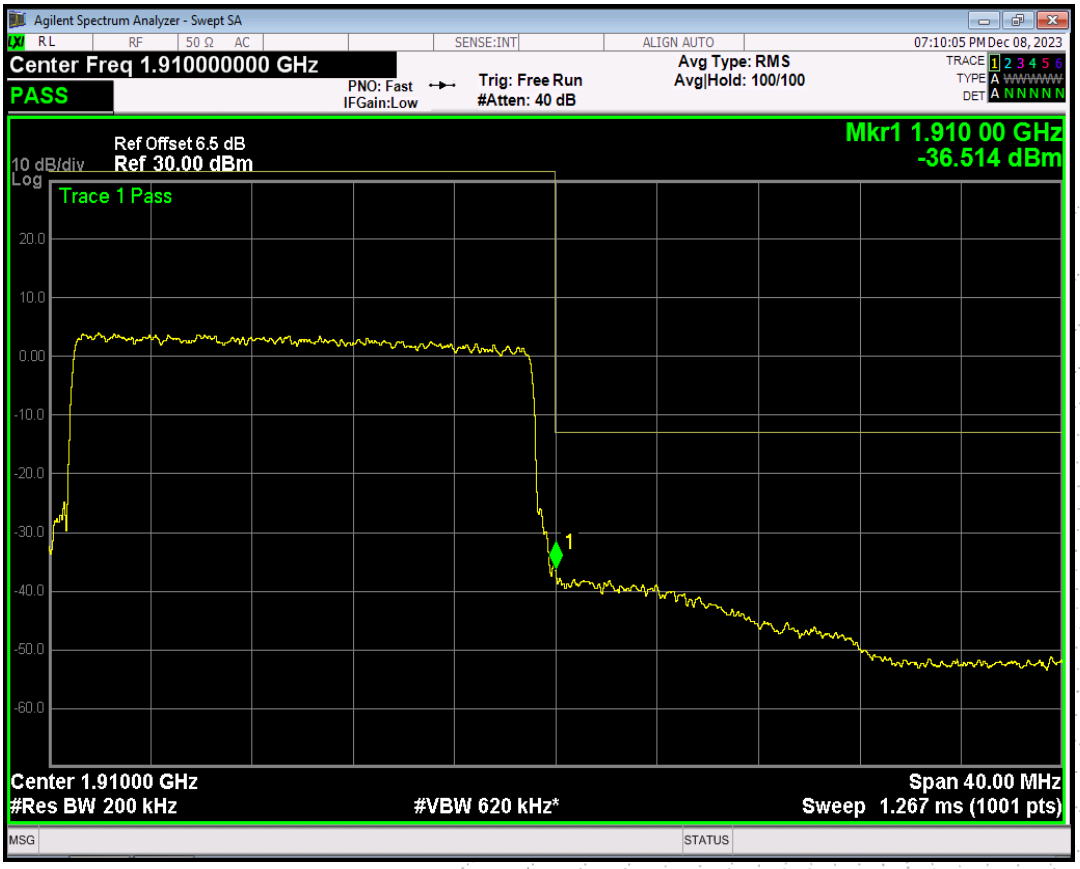
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



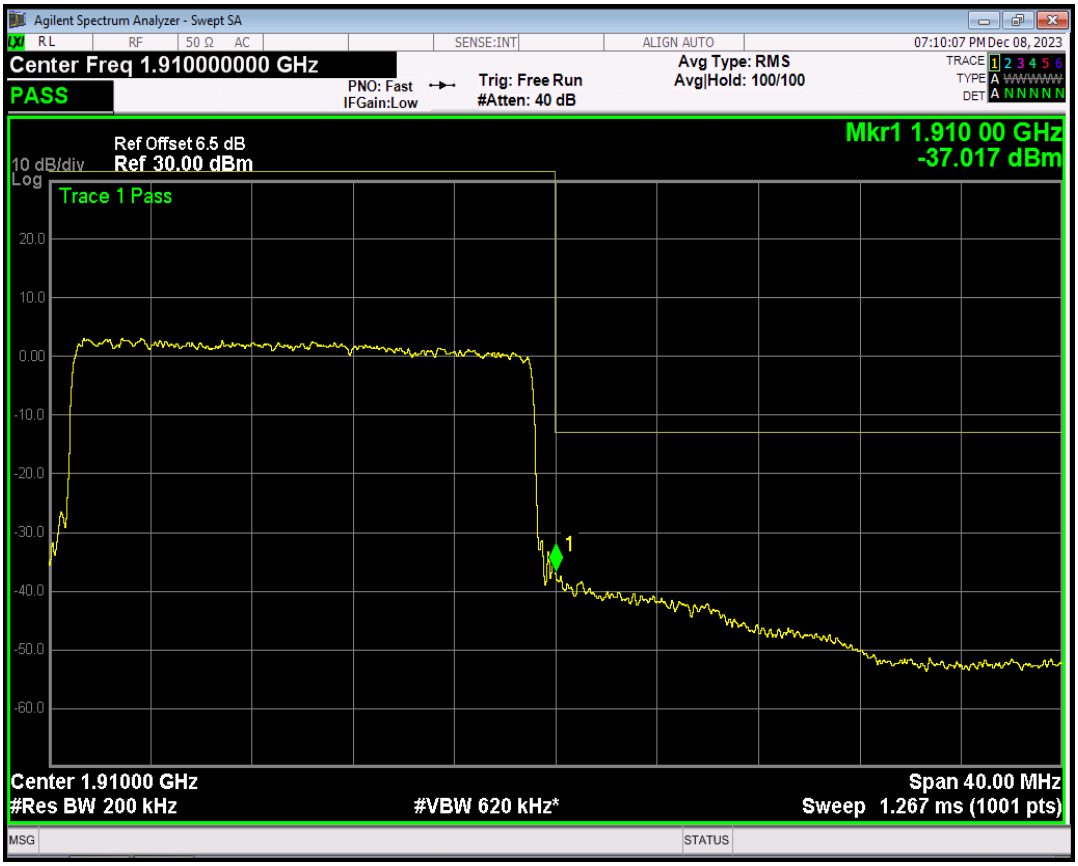
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



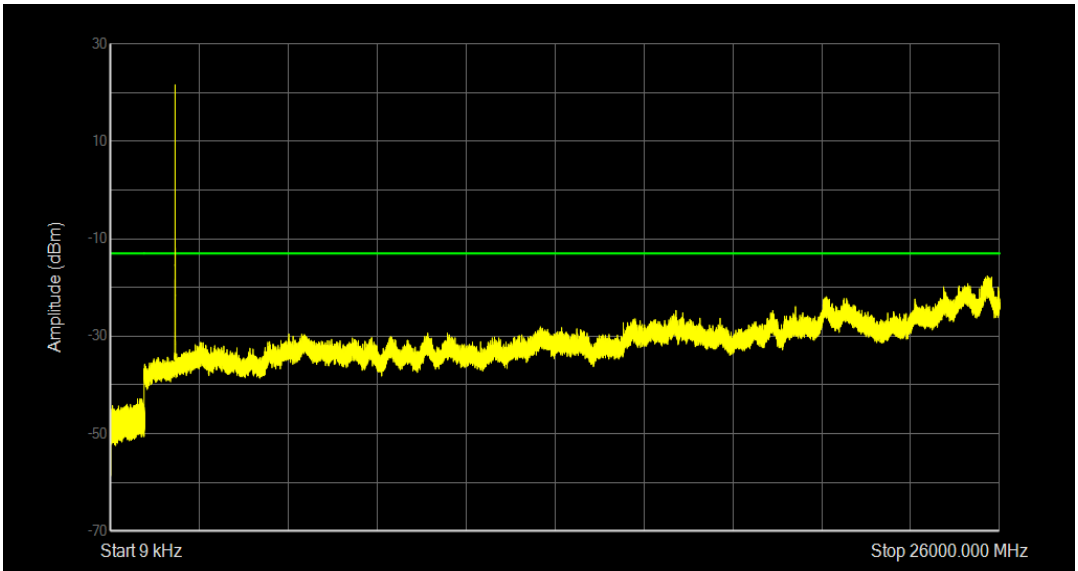
Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0



Appendix 6. Out-of-band emissions

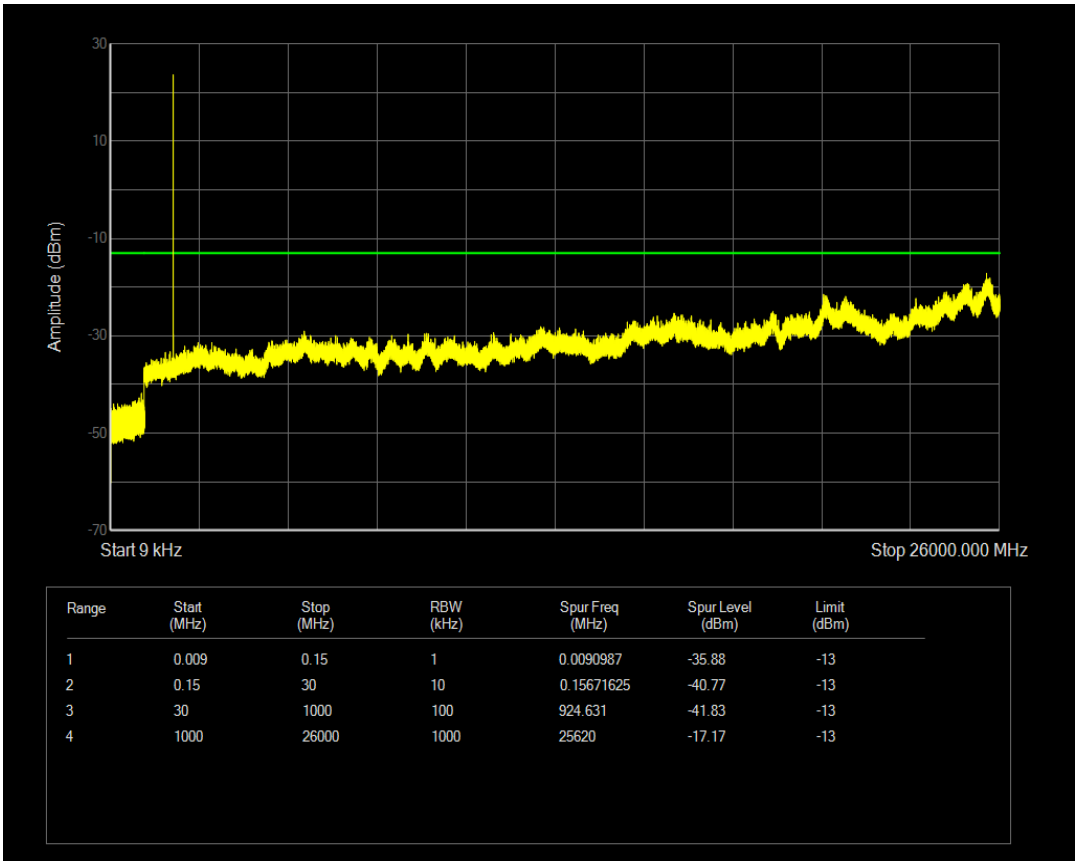
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	25620.00	-17.17	-13	PASS
Band2	1.4	18607	6	#0	16QAM	25621.88	-17.76	-13	PASS
Band2	1.4	18900	6	#0	QPSK	25658.75	-17.99	-13	PASS
Band2	1.4	18900	6	#0	16QAM	25610.00	-17.58	-13	PASS
Band2	1.4	19193	6	#0	QPSK	25705.63	-17.74	-13	PASS
Band2	1.4	19193	6	#0	16QAM	25635.00	-17.51	-13	PASS
Band2	3	18615	15	#0	QPSK	25630	17.62	-13	PASS
Band2	3	18615	15	#0	16QAM	25654.38	-17.43	-13	PASS
Band2	3	18900	15	#0	QPSK	25616.25	-17.28	-13	PASS
Band2	3	18900	15	#0	16QAM	25676.25	-17.79	-13	PASS
Band2	3	19185	15	#0	QPSK	25643.75	-17.62	-13	PASS
Band2	3	19185	15	#0	16QAM	25596.25	-17.43	-13	PASS
Band2	5	18625	25	#0	QPSK	25603.13	-17.52	-13	PASS
Band2	5	18625	25	#0	16QAM	25601.88	-17.36	-13	PASS
Band2	5	18900	25	#0	QPSK	25623.75	-17.77	-13	PASS
Band2	5	18900	25	#0	16QAM	25663.75	-17.34	-13	PASS
Band2	5	19175	25	#0	QPSK	25672.5	16.94	-13	PASS
Band2	5	19175	25	#0	16QAM	25654.38	-17.71	-13	PASS
Band2	10	18650	50	#0	QPSK	25620.63	-17.84	-13	PASS
Band2	10	18650	50	#0	16QAM	25622.50	-17.08	-13	PASS
Band2	10	18900	50	#0	QPSK	25605.63	-17.30	-13	PASS
Band2	10	18900	50	#0	16QAM	25626.25	-17.08	-13	PASS
Band2	10	19150	50	#0	QPSK	25678.13	-16.46	-13	PASS
Band2	10	19150	50	#0	16QAM	25563.13	-16.83	-13	PASS
Band2	15	18675	75	#0	QPSK	25616.88	-17.23	-13	PASS
Band2	15	18675	75	#0	16QAM	25627.50	-17.09	-13	PASS
Band2	15	18900	75	#0	QPSK	25643.75	18.02	-13	PASS
Band2	15	18900	75	#0	16QAM	25693.125	17.82	-13	PASS
Band2	15	19125	75	#0	QPSK	25636.25	-17.64	-13	PASS
Band2	15	19125	75	#0	16QAM	25605.00	-17.10	-13	PASS
Band2	20	18700	100	#0	QPSK	25603.13	-17.53	-13	PASS
Band2	20	18700	100	#0	16QAM	25640.00	-17.87	-13	PASS
Band2	20	18900	100	#0	QPSK	25598.13	-17.85	-13	PASS
Band2	20	18900	100	#0	16QAM	25606.25	-16.95	-13	PASS
Band2	20	19100	100	#0	QPSK	25668.13	-17.76	-13	PASS
Band2	20	19100	100	#0	16QAM	25648.75	-17.30	-13	PASS

Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



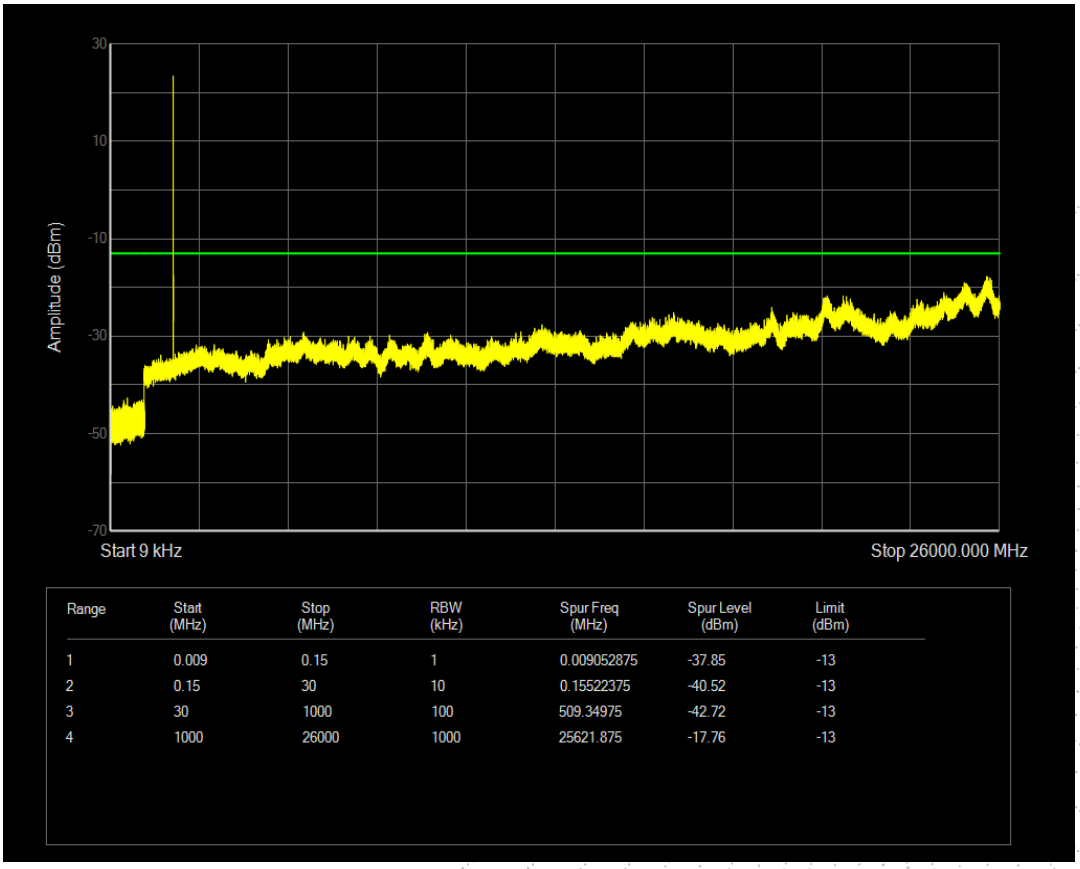
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009905925	-38.33	-13
2	0.15	30	10	0.15	-40.86	-13
3	30	1000	100	809.32225	-42.87	-13
4	1000	26000	1000	25643.75	-17.62	-13

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



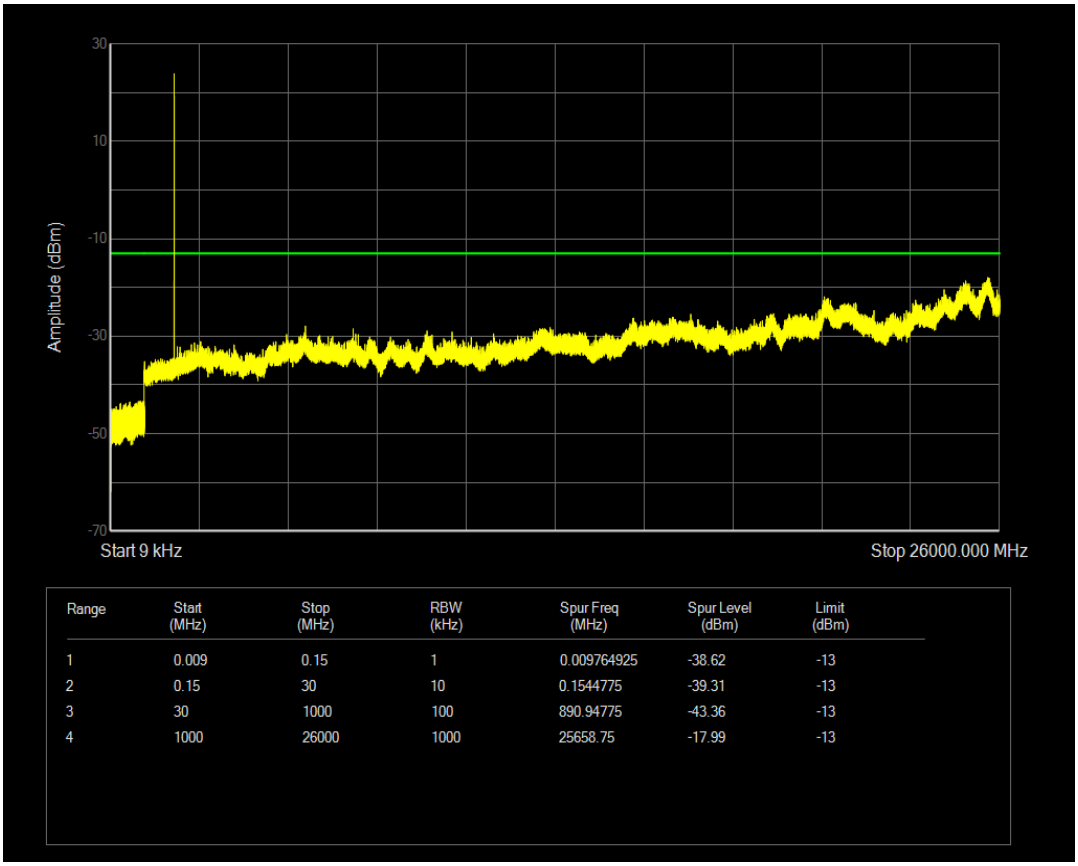
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090987	-35.88	-13
2	0.15	30	10	0.15671625	-40.77	-13
3	30	1000	100	924.631	-41.83	-13
4	1000	26000	1000	25620	-17.17	-13

Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



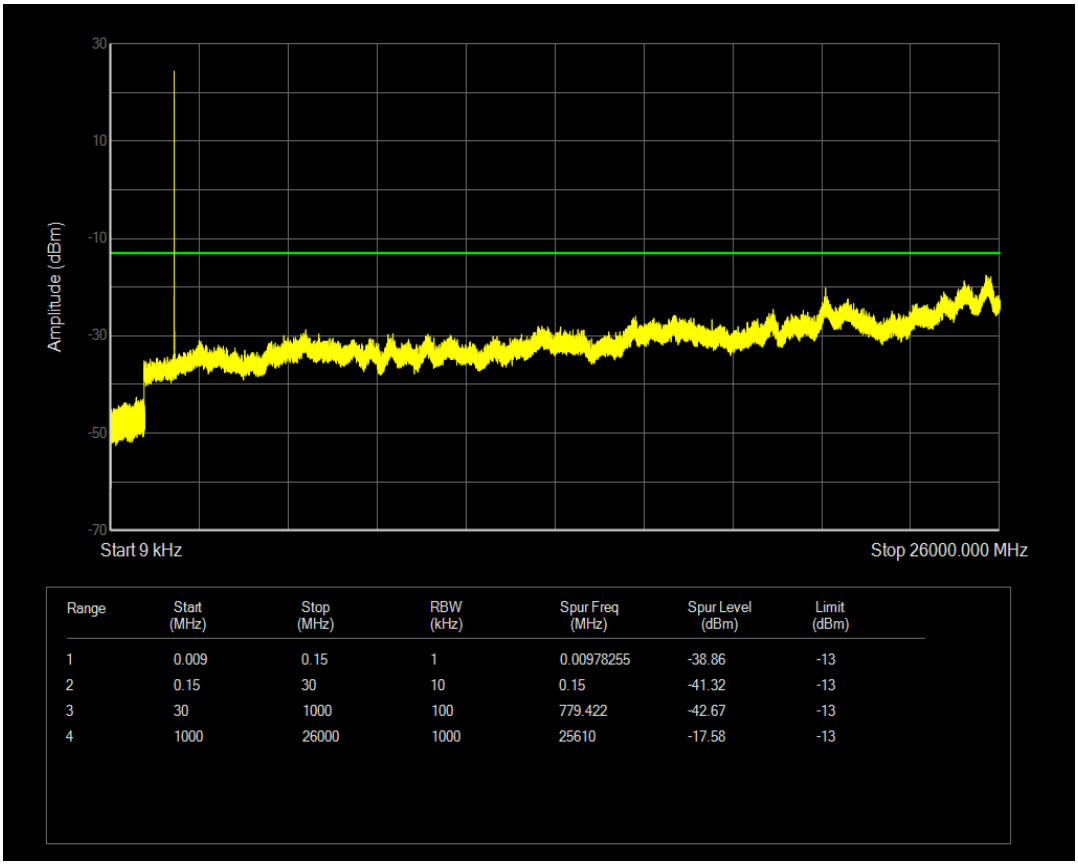
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009052875	-37.85	-13
2	0.15	30	10	0.15522375	-40.52	-13
3	30	1000	100	509.34975	-42.72	-13
4	1000	26000	1000	25621.875	-17.76	-13

Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



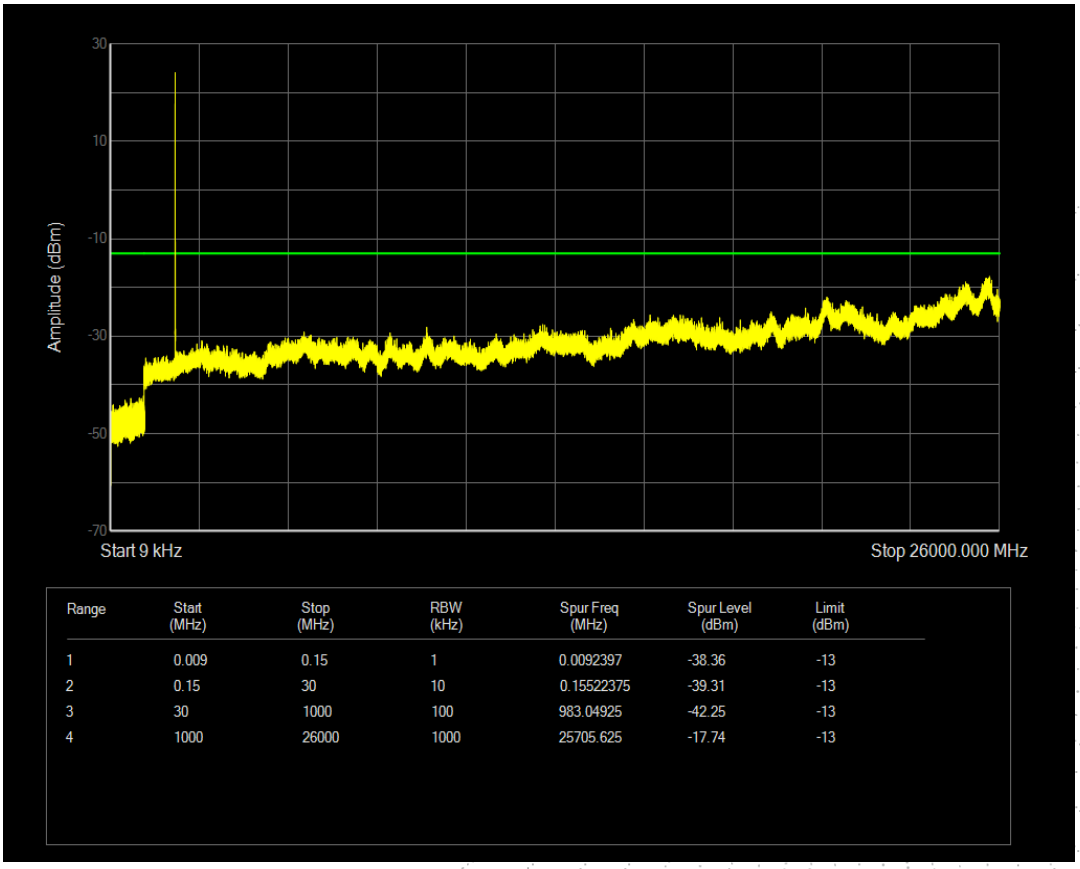
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009764925	-38.62	-13
2	0.15	30	10	0.1544775	-39.31	-13
3	30	1000	100	890.94775	-43.36	-13
4	1000	26000	1000	25658.75	-17.99	-13

Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



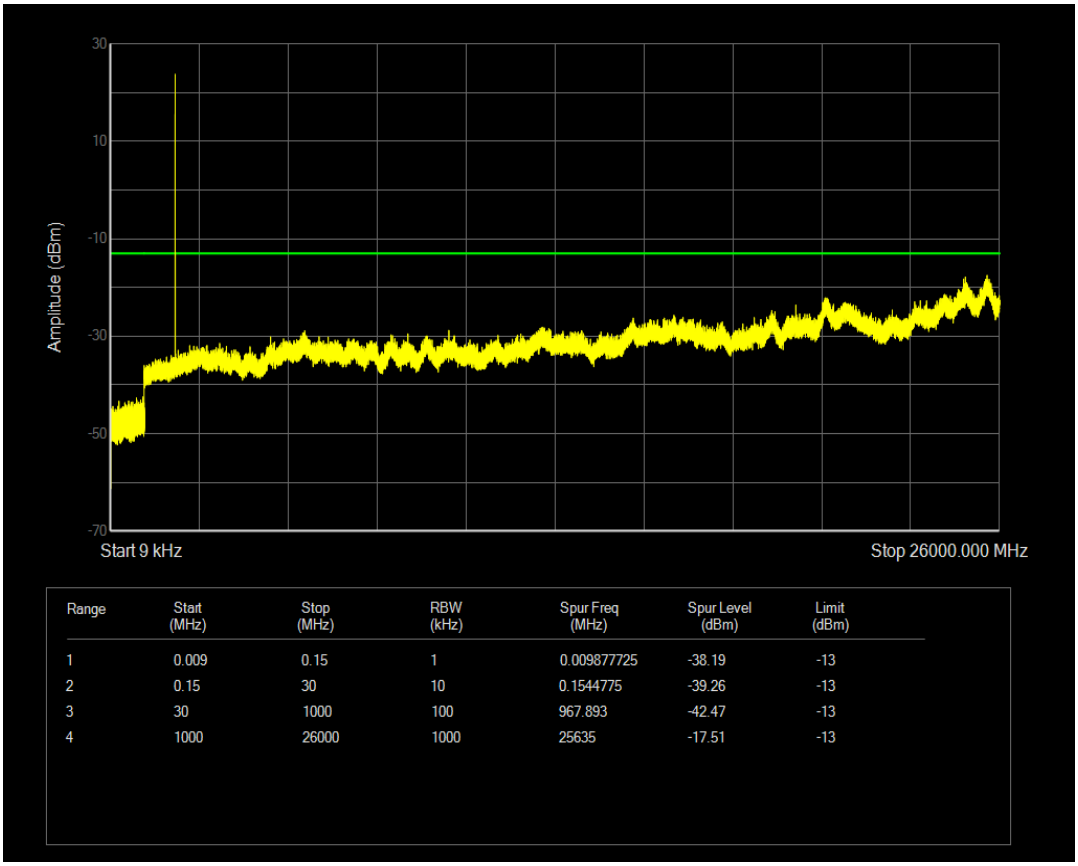
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00978255	-38.86	-13
2	0.15	30	10	0.15	-41.32	-13
3	30	1000	100	779.422	-42.67	-13
4	1000	26000	1000	25610	-17.58	-13

Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



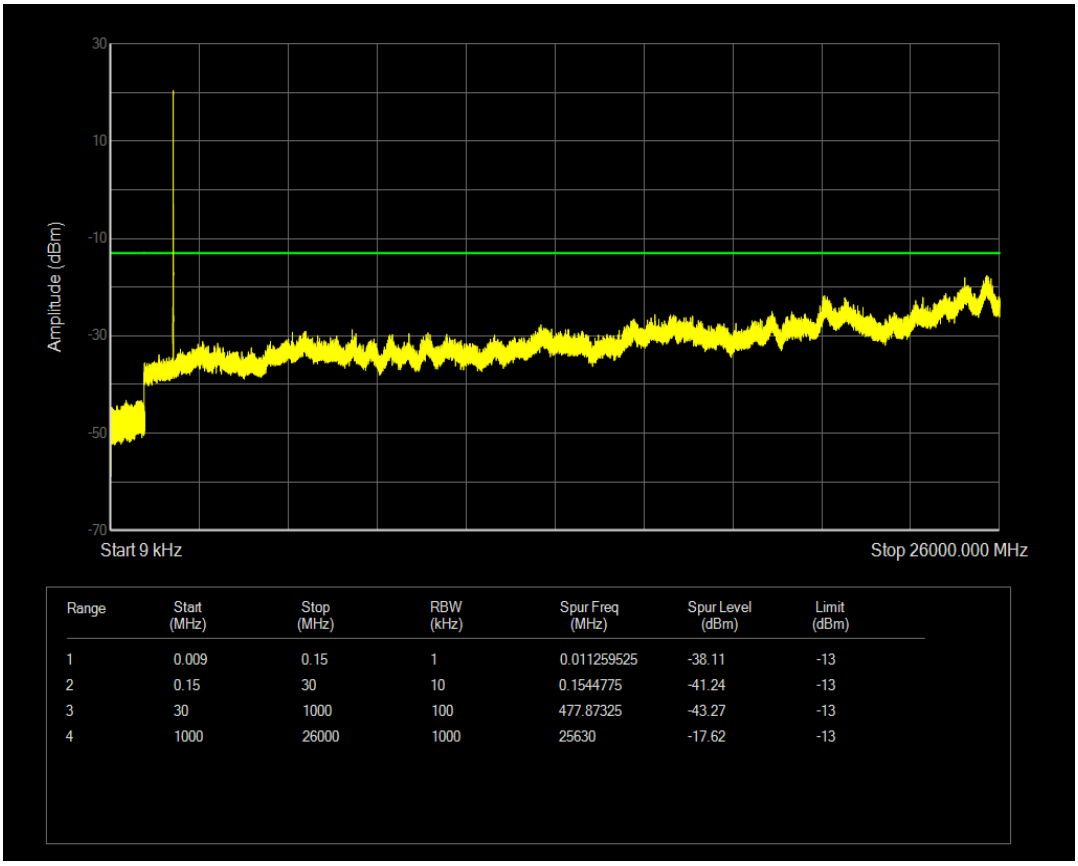
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092397	-38.36	-13
2	0.15	30	10	0.15522375	-39.31	-13
3	30	1000	100	983.04925	-42.25	-13
4	1000	26000	1000	25705.625	-17.74	-13

Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



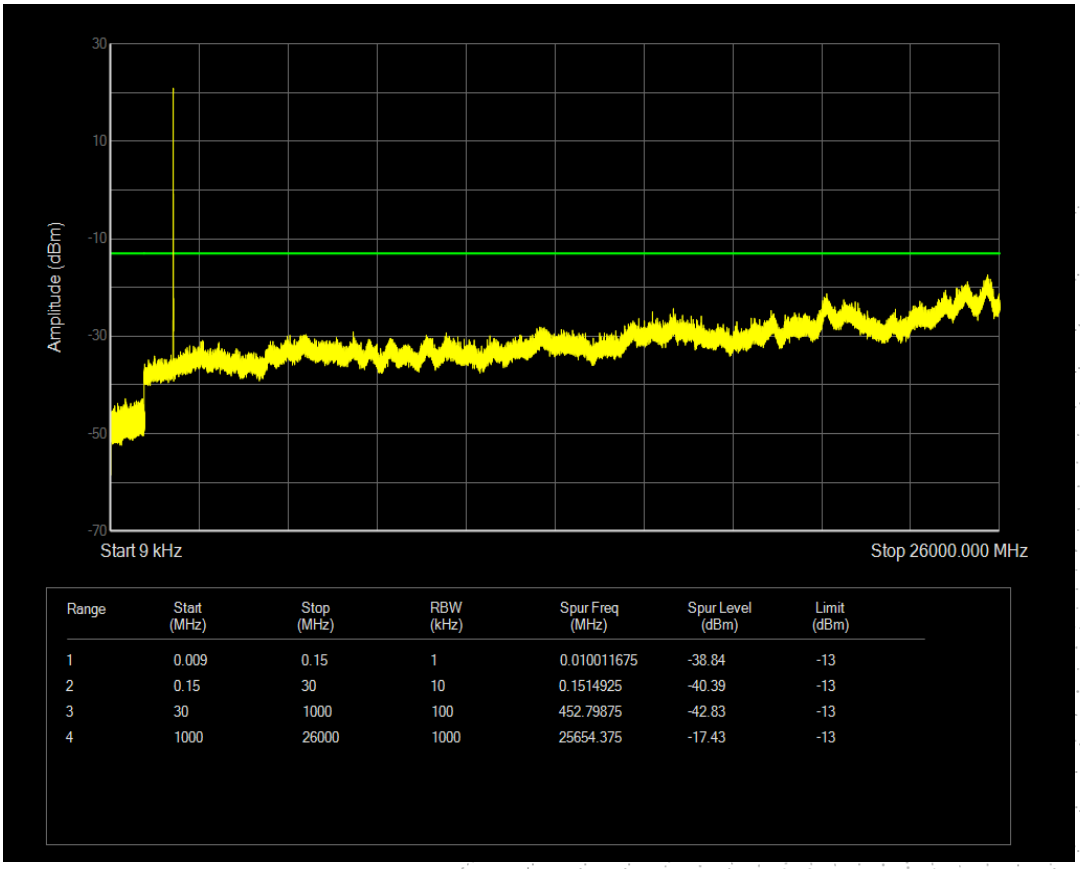
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009877725	-38.19	-13
2	0.15	30	10	0.1544775	-39.26	-13
3	30	1000	100	967.893	-42.47	-13
4	1000	26000	1000	25635	-17.51	-13

Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



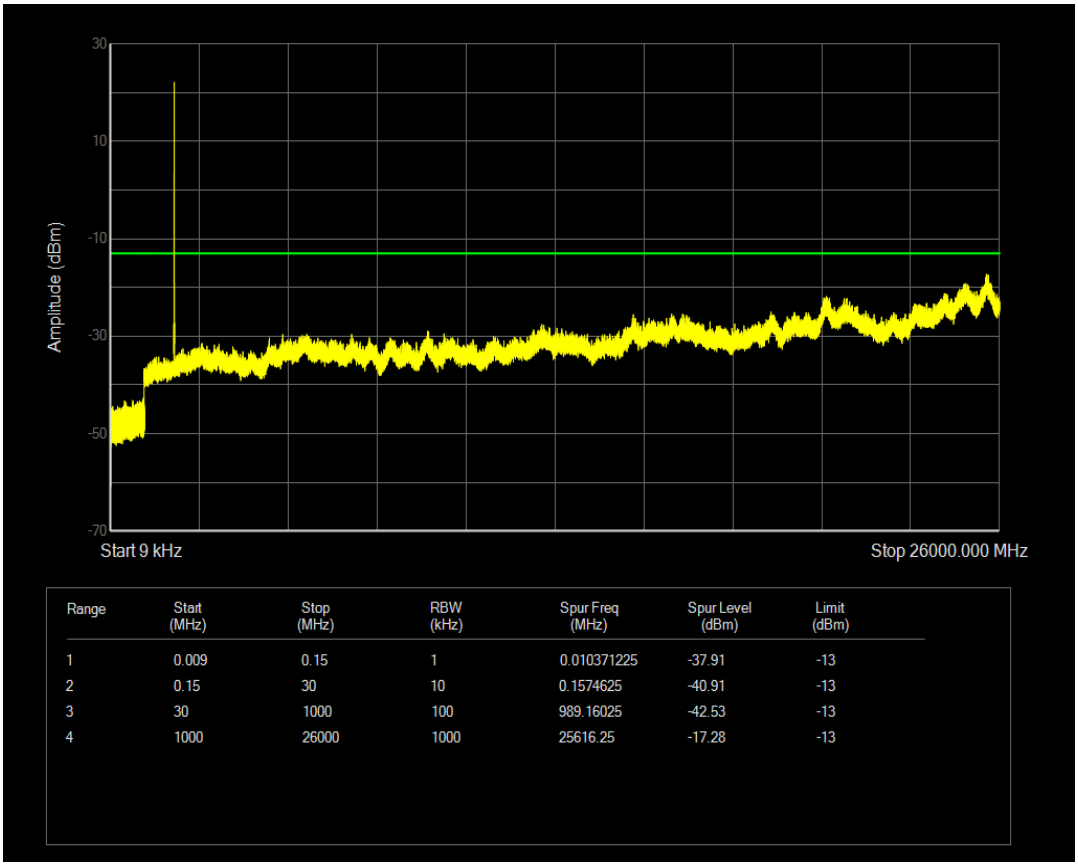
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011259525	-38.11	-13
2	0.15	30	10	0.1544775	-41.24	-13
3	30	1000	100	477.87325	-43.27	-13
4	1000	26000	1000	25630	-17.62	-13

Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



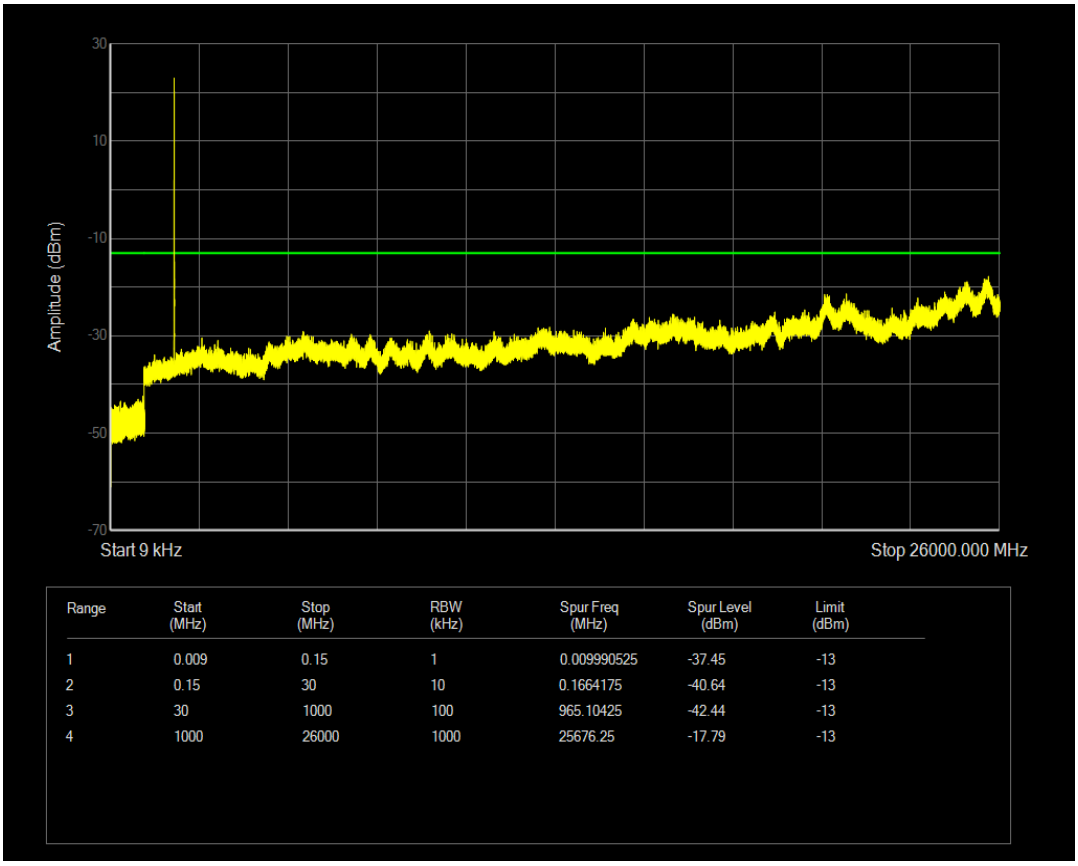
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010011675	-38.84	-13
2	0.15	30	10	0.1514925	-40.39	-13
3	30	1000	100	452.79875	-42.83	-13
4	1000	26000	1000	25654.375	-17.43	-13

Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



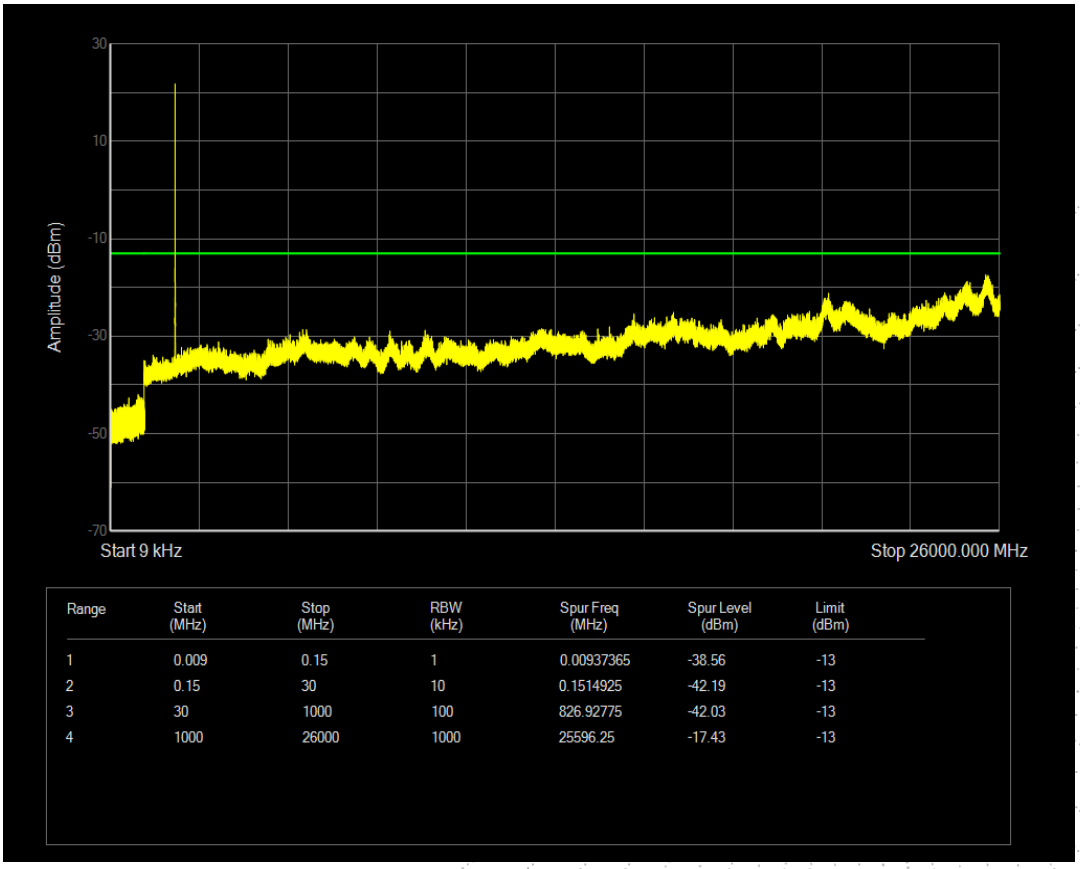
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010371225	-37.91	-13
2	0.15	30	10	0.1574625	-40.91	-13
3	30	1000	100	989.16025	-42.53	-13
4	1000	26000	1000	25616.25	-17.28	-13

Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



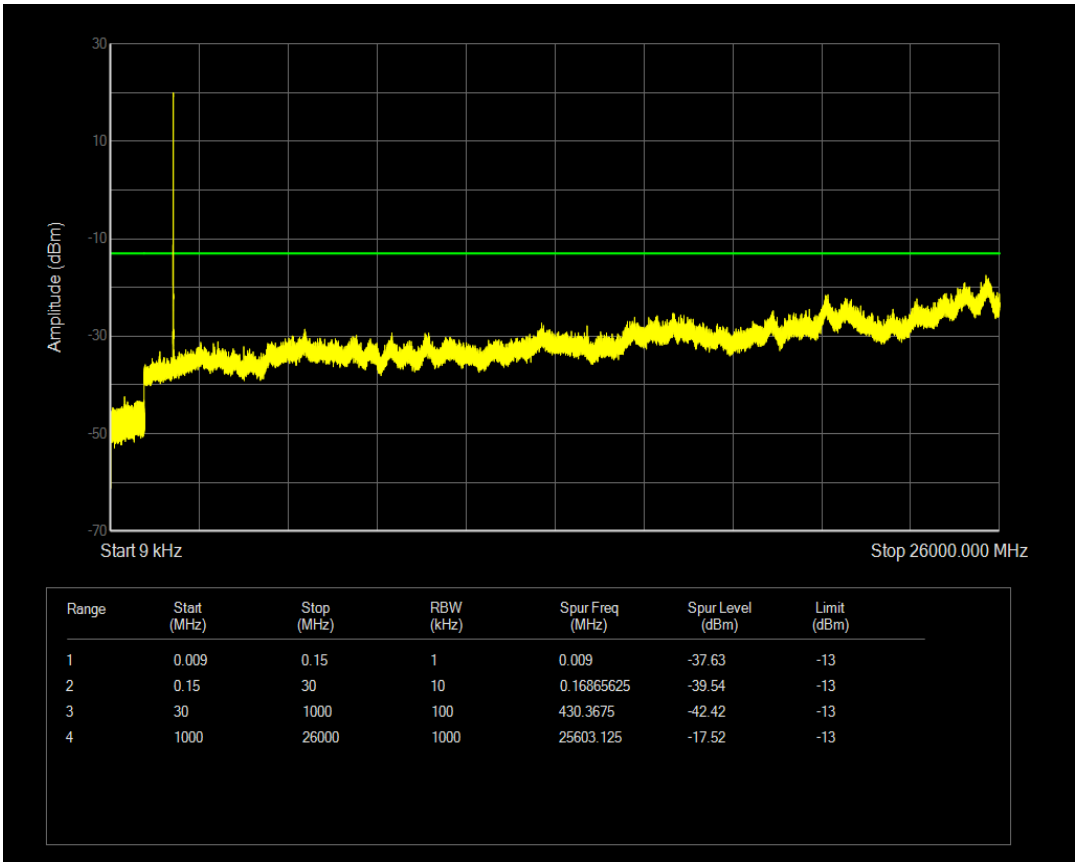
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009990525	-37.45	-13
2	0.15	30	10	0.1664175	-40.64	-13
3	30	1000	100	965.10425	-42.44	-13
4	1000	26000	1000	25676.25	-17.79	-13

Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



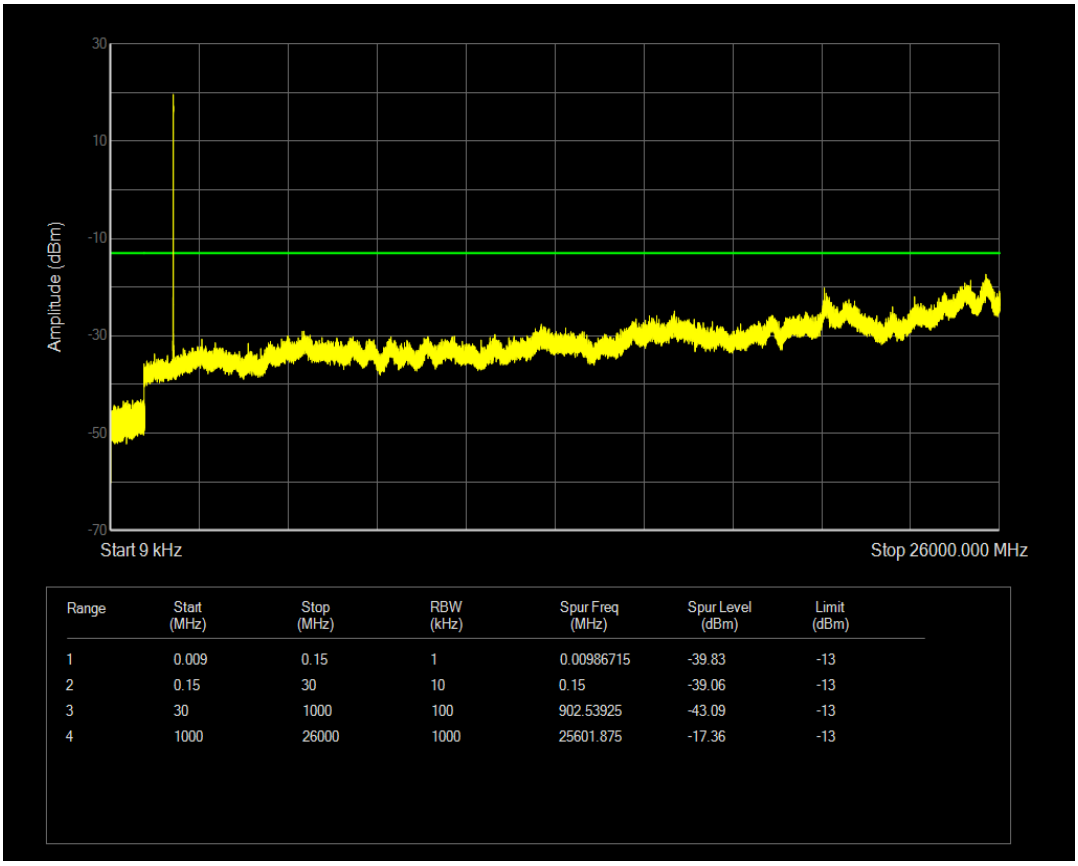
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00937365	-38.56	-13
2	0.15	30	10	0.1514925	-42.19	-13
3	30	1000	100	826.92775	-42.03	-13
4	1000	26000	1000	25596.25	-17.43	-13

Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



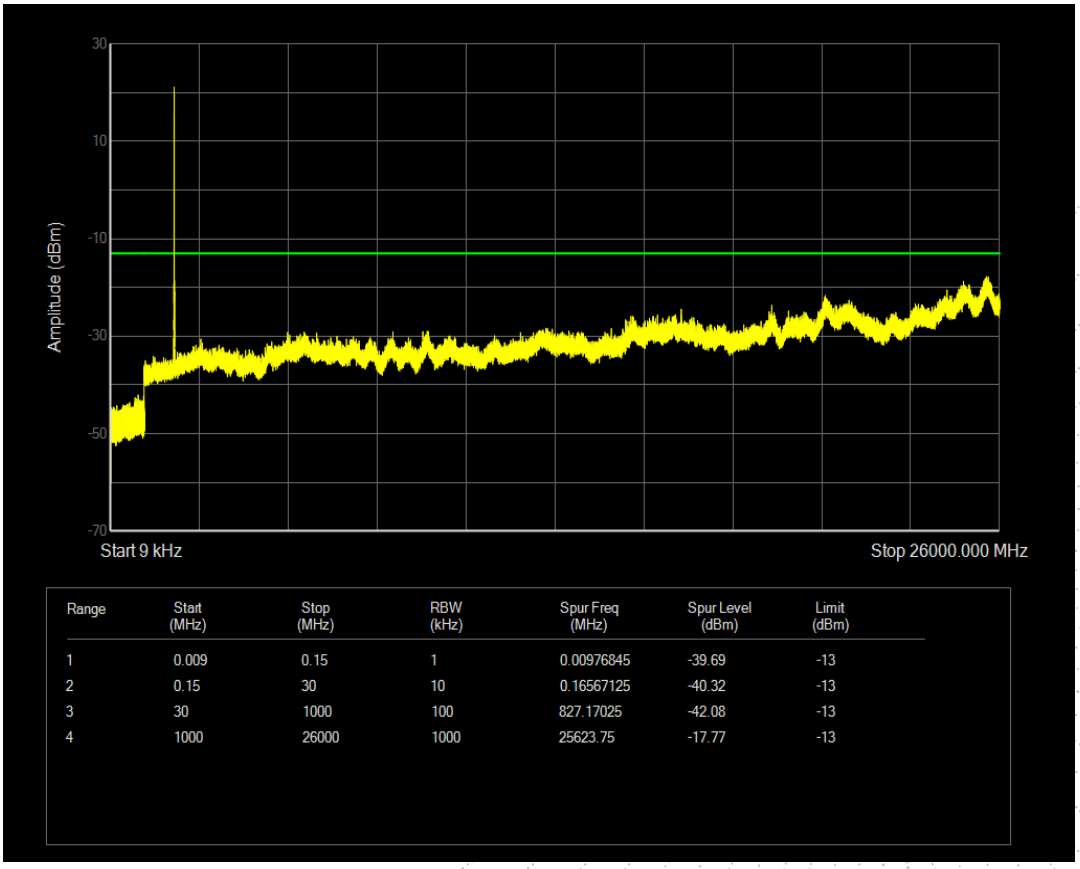
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-37.63	-13
2	0.15	30	10	0.16865625	-39.54	-13
3	30	1000	100	430.3675	-42.42	-13
4	1000	26000	1000	25603.125	-17.52	-13

Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



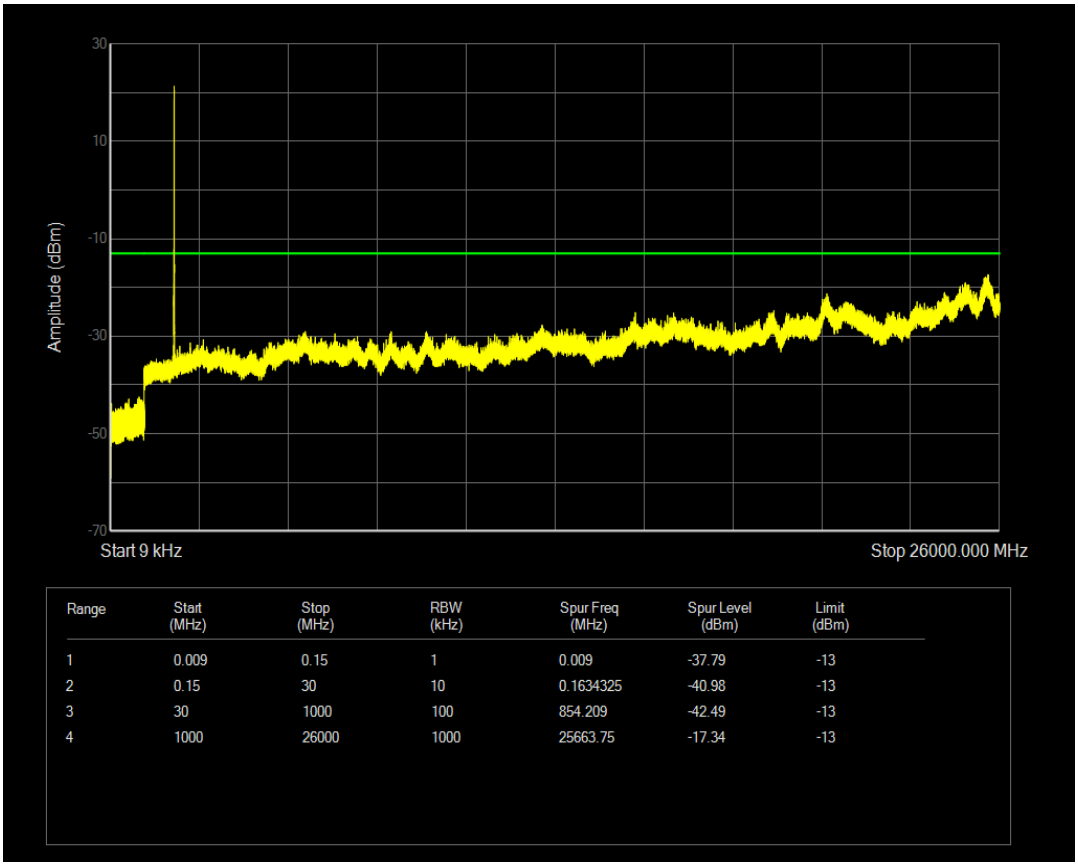
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00986715	-39.83	-13
2	0.15	30	10	0.15	-39.06	-13
3	30	1000	100	902.53925	-43.09	-13
4	1000	26000	1000	25601.875	-17.36	-13

Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



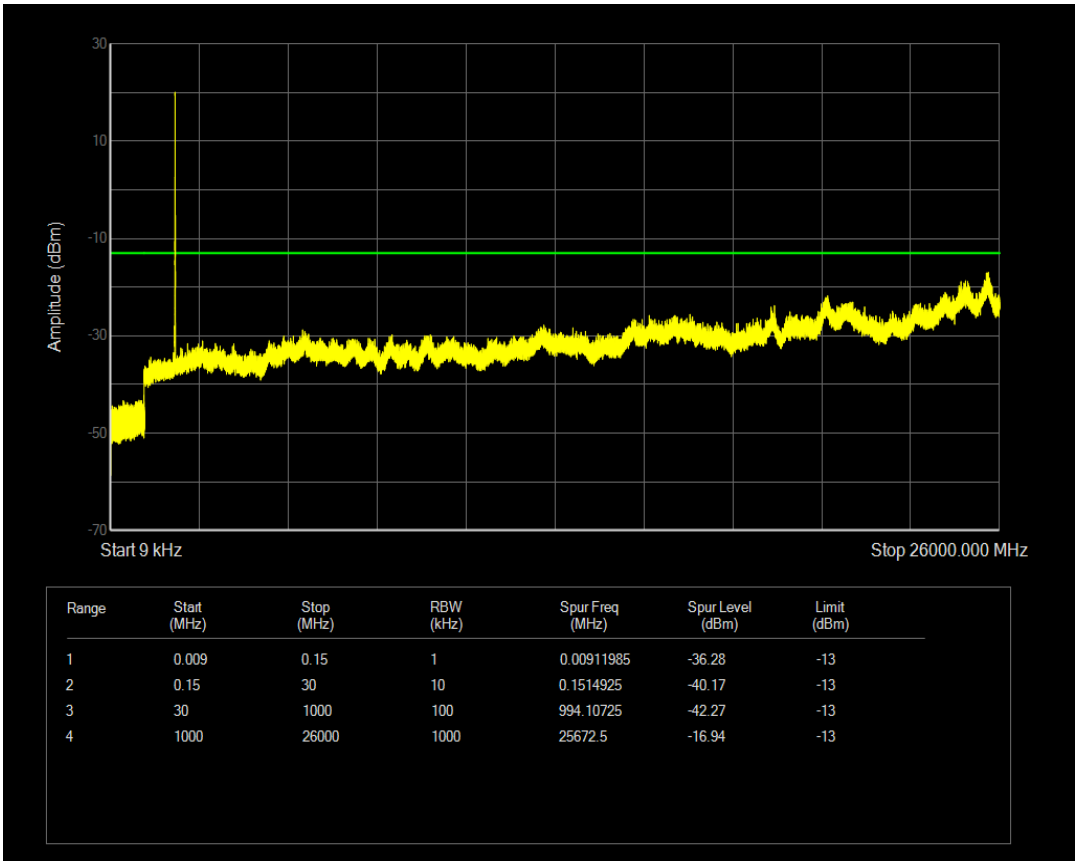
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00976845	-39.69	-13
2	0.15	30	10	0.16567125	-40.32	-13
3	30	1000	100	827.17025	-42.08	-13
4	1000	26000	1000	25623.75	-17.77	-13

Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



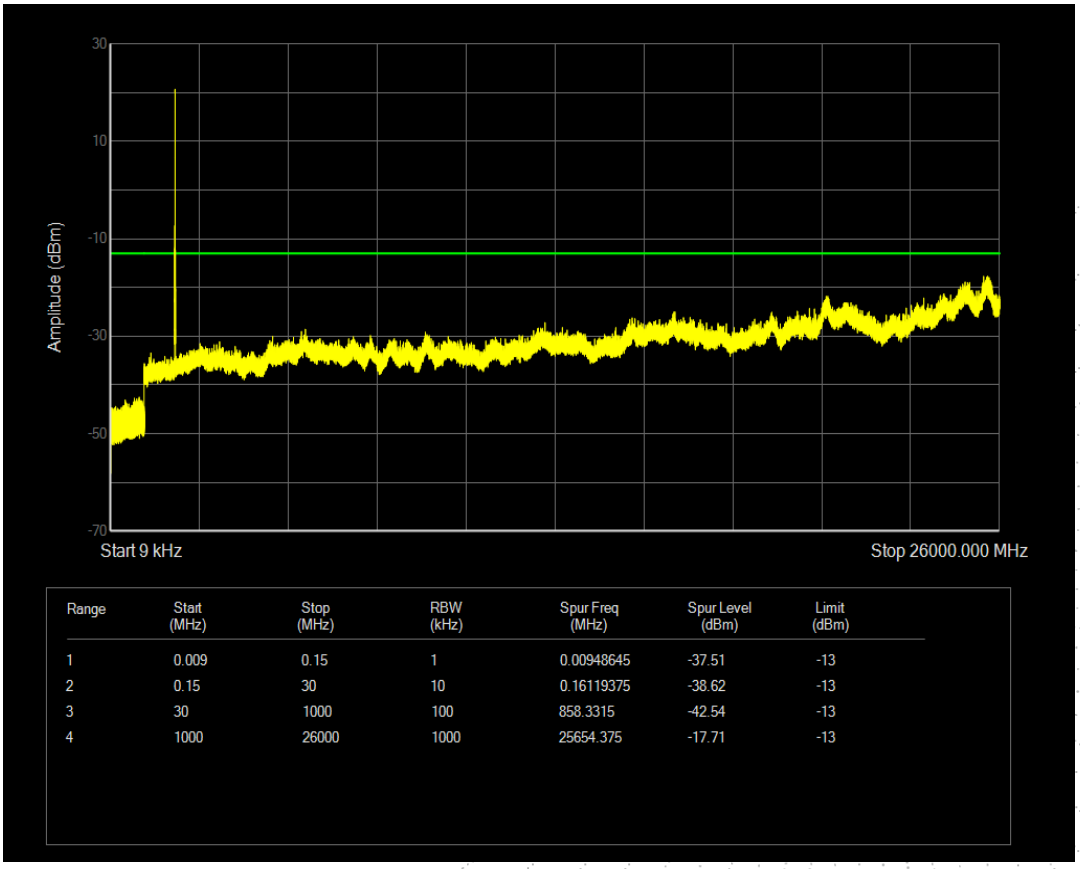
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-37.79	-13
2	0.15	30	10	0.1634325	-40.98	-13
3	30	1000	100	854.209	-42.49	-13
4	1000	26000	1000	25663.75	-17.34	-13

Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



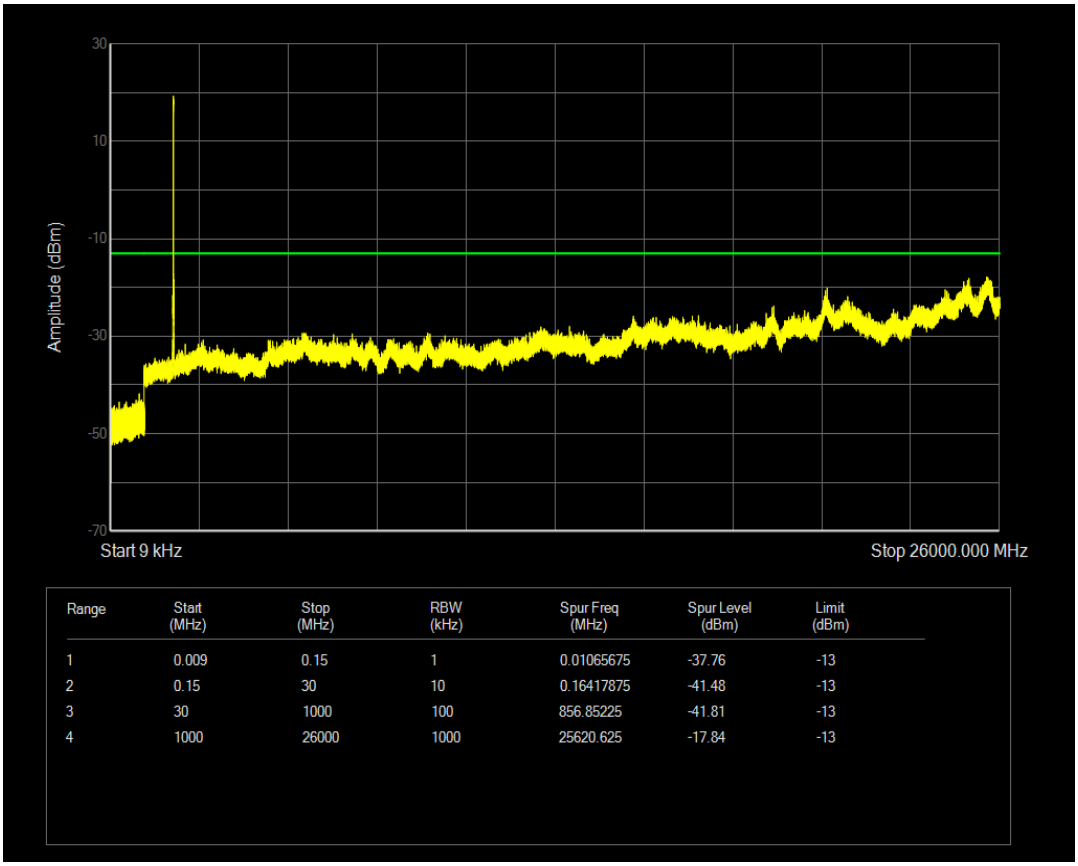
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00911985	-36.28	-13
2	0.15	30	10	0.1514925	-40.17	-13
3	30	1000	100	994.10725	-42.27	-13
4	1000	26000	1000	25672.5	-16.94	-13

Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



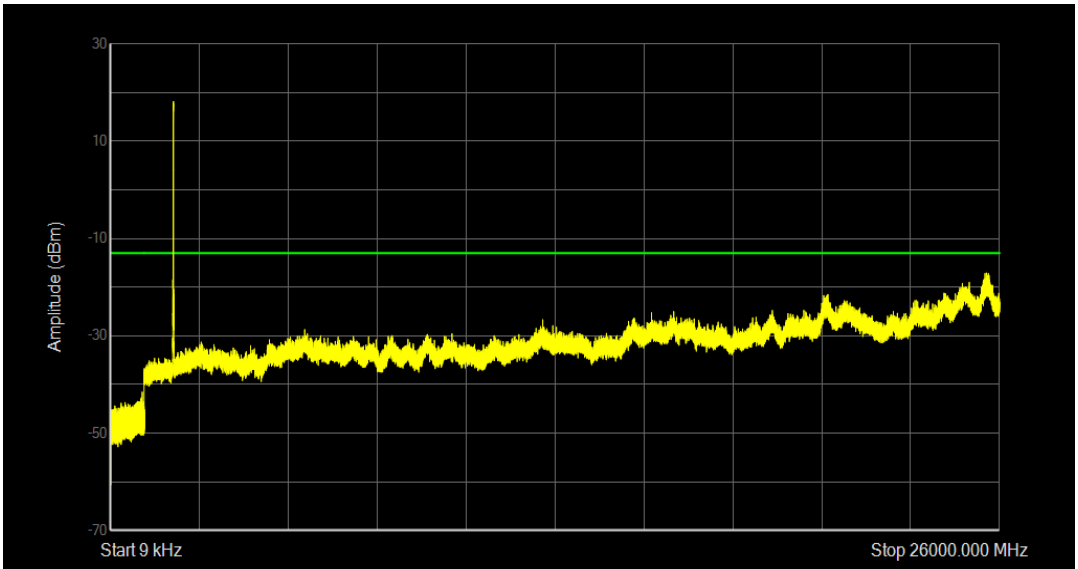
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00948645	-37.51	-13
2	0.15	30	10	0.16119375	-38.62	-13
3	30	1000	100	858.3315	-42.54	-13
4	1000	26000	1000	25654.375	-17.71	-13

Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



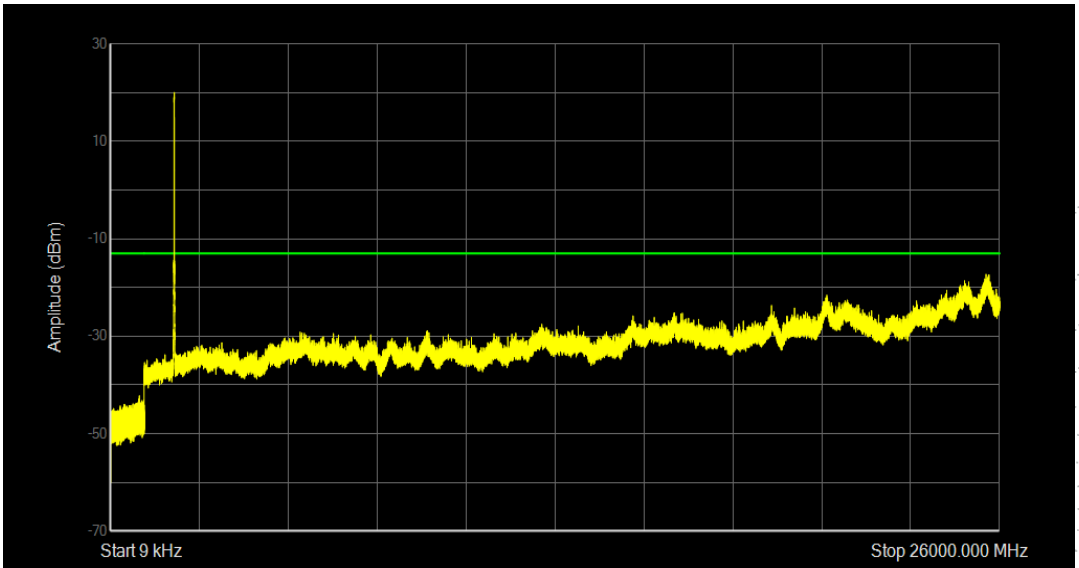
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01065675	-37.76	-13
2	0.15	30	10	0.16417875	-41.48	-13
3	30	1000	100	856.85225	-41.81	-13
4	1000	26000	1000	25620.625	-17.84	-13

Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



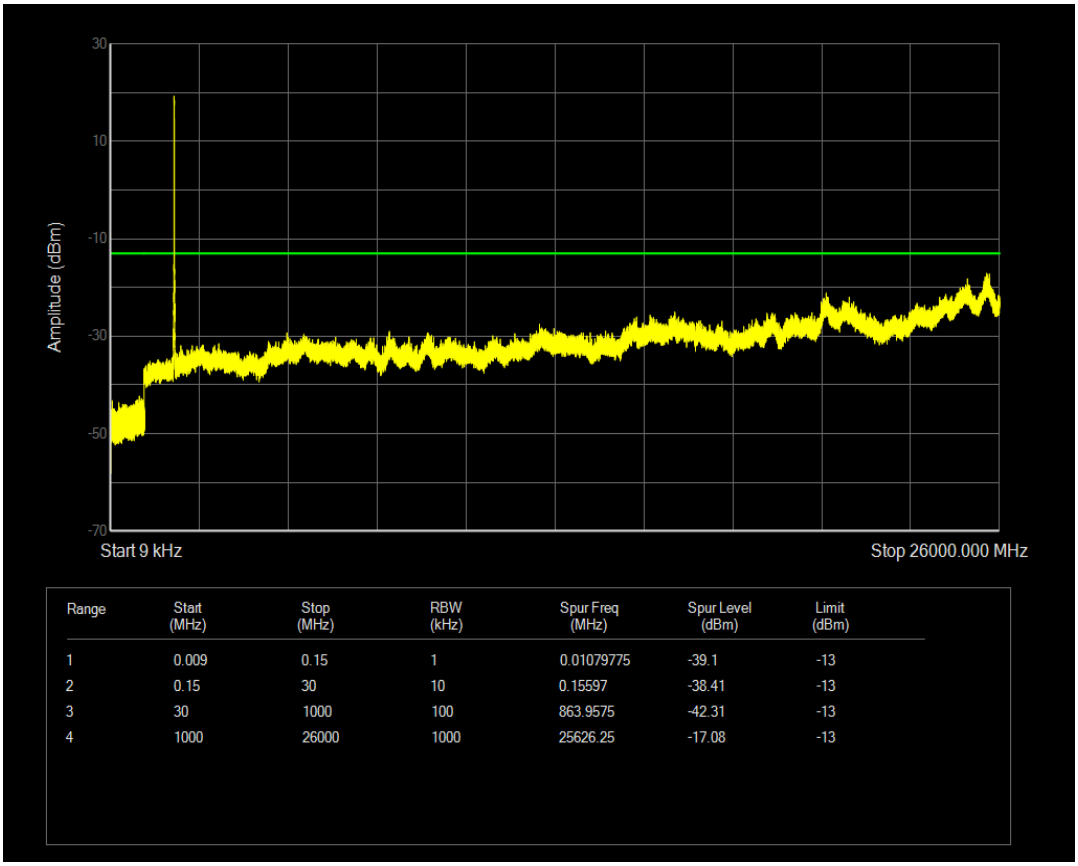
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0117495	-39.54	-13
2	0.15	30	10	0.170895	-41.33	-13
3	30	1000	100	945.07375	-41.59	-13
4	1000	26000	1000	25622.5	-17.08	-13

Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



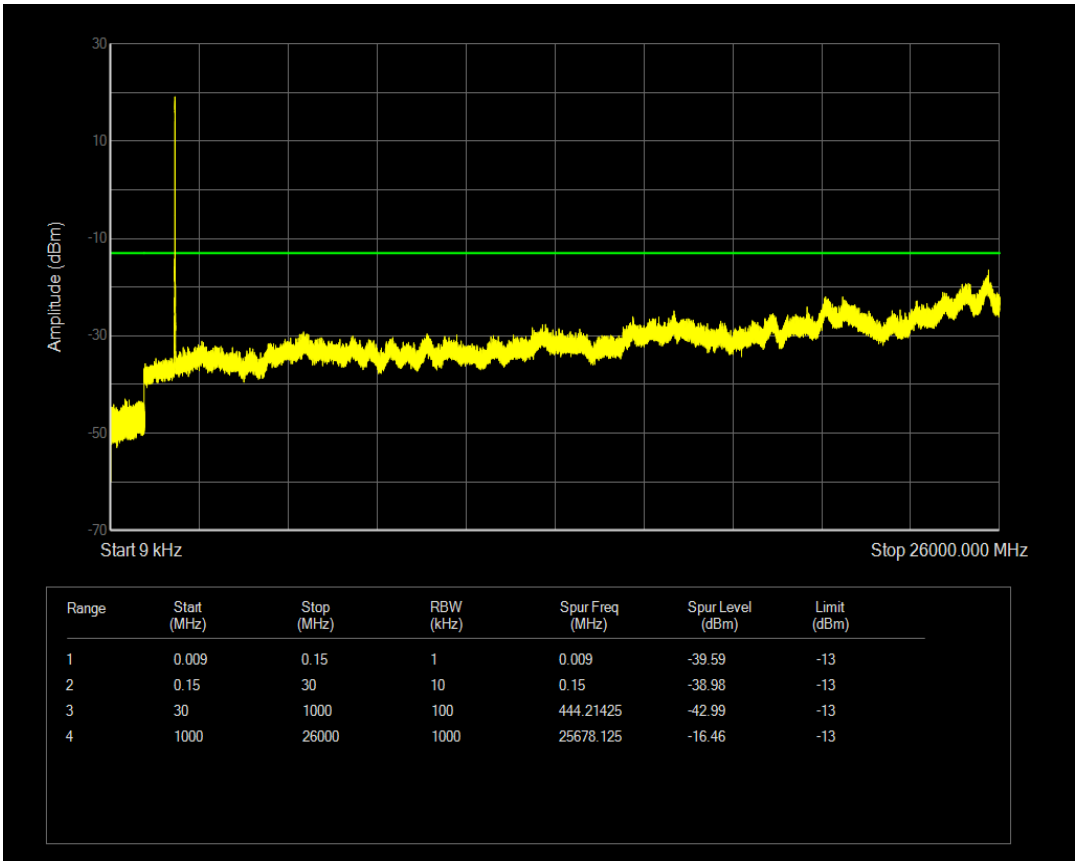
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010194975	-39.26	-13
2	0.15	30	10	0.15671625	-39.6	-13
3	30	1000	100	863.10875	-42.23	-13
4	1000	26000	1000	25605.625	-17.3	-13

Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



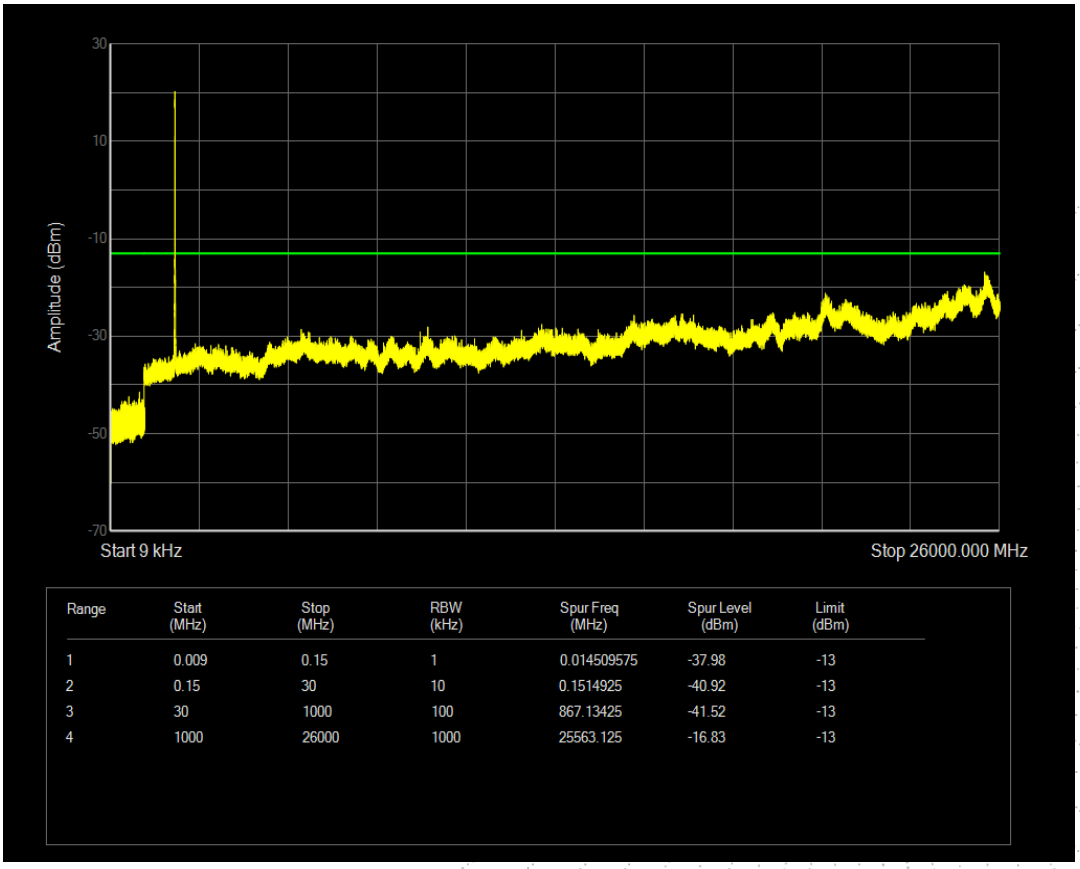
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01079775	-39.1	-13
2	0.15	30	10	0.15597	-38.41	-13
3	30	1000	100	863.9575	-42.31	-13
4	1000	26000	1000	25626.25	-17.08	-13

Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



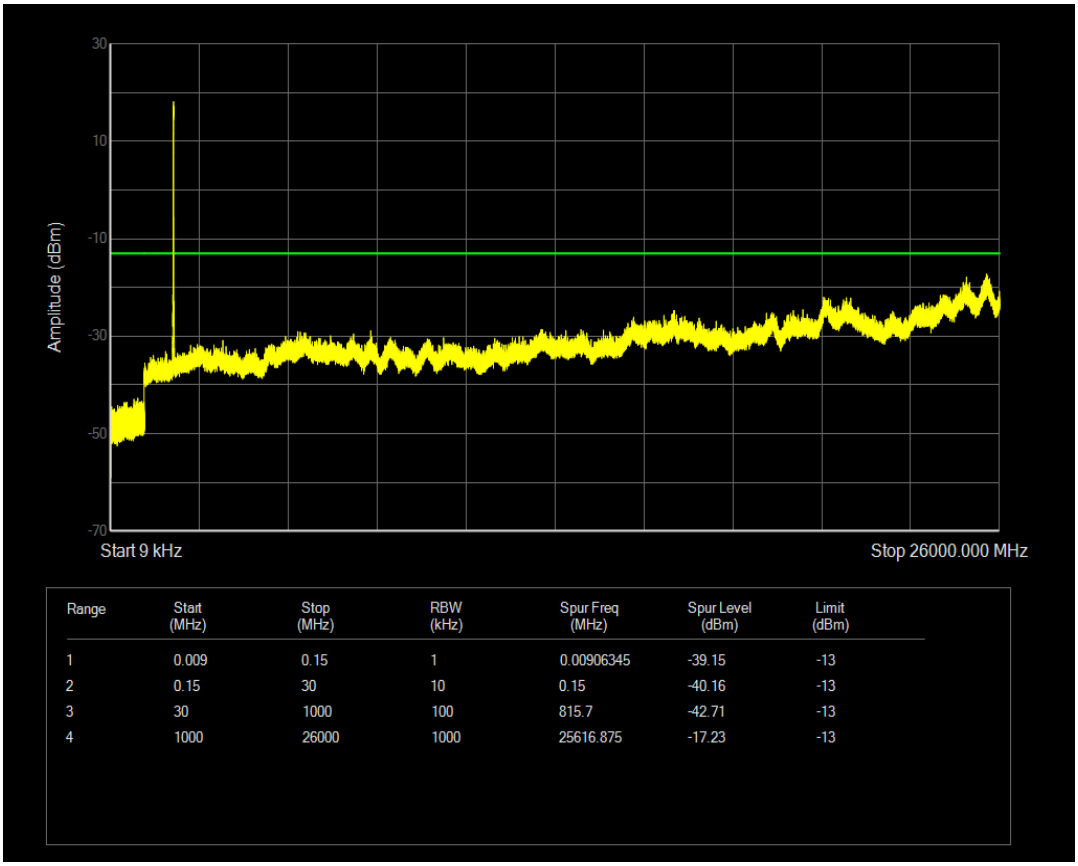
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-39.59	-13
2	0.15	30	10	0.15	-38.98	-13
3	30	1000	100	444.21425	-42.99	-13
4	1000	26000	1000	25678.125	-16.46	-13

Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



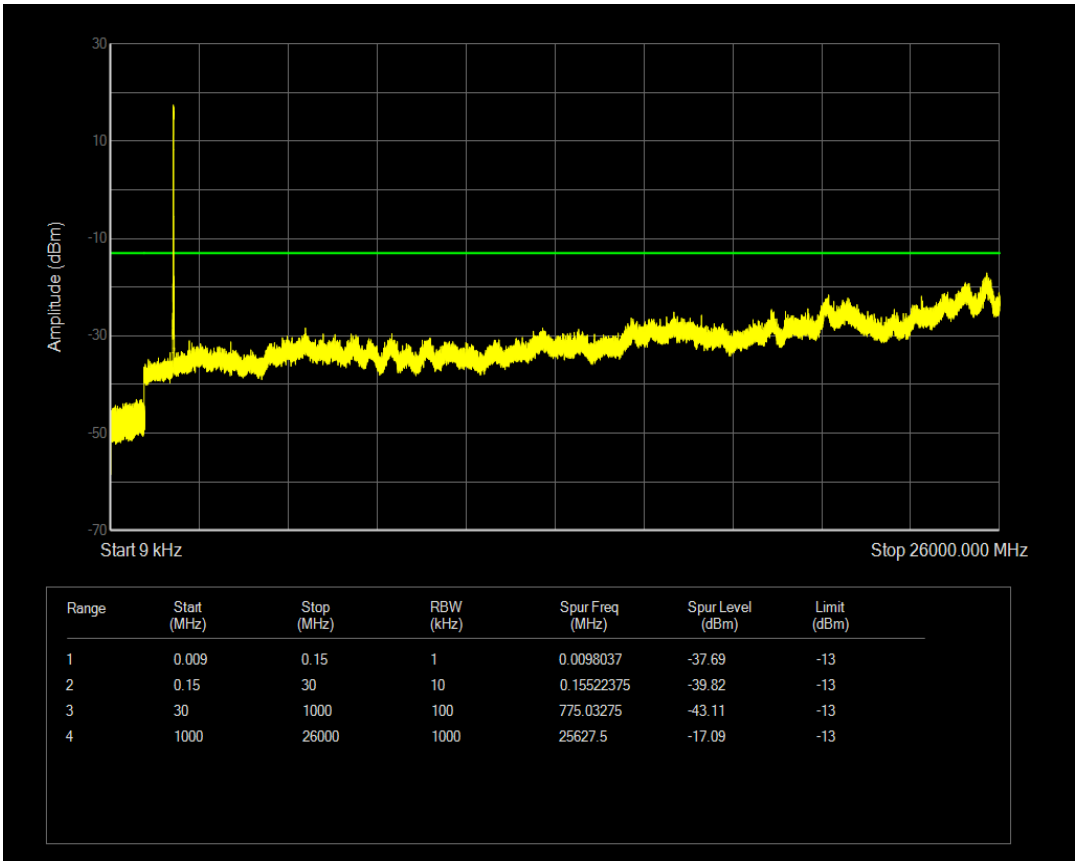
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.014509575	-37.98	-13
2	0.15	30	10	0.1514925	-40.92	-13
3	30	1000	100	867.13425	-41.52	-13
4	1000	26000	1000	25563.125	-16.83	-13

Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



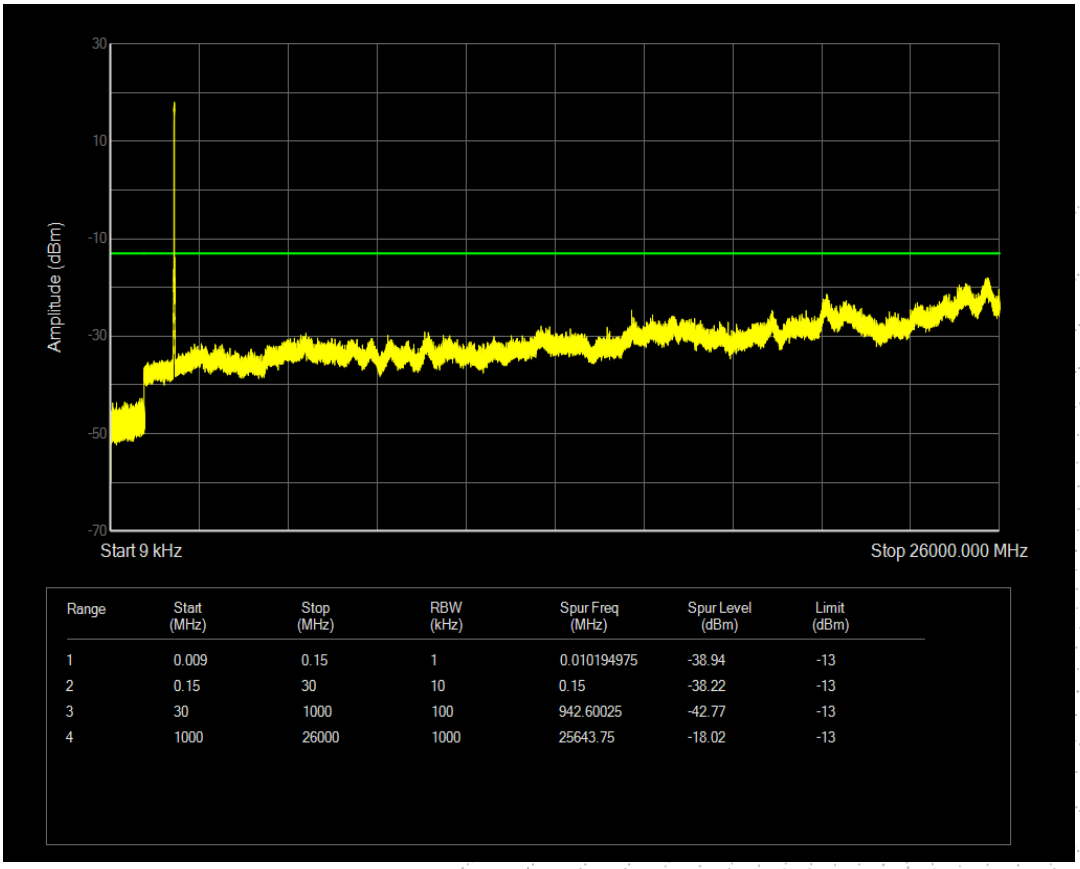
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00906345	-39.15	-13
2	0.15	30	10	0.15	-40.16	-13
3	30	1000	100	815.7	-42.71	-13
4	1000	26000	1000	25616.875	-17.23	-13

Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



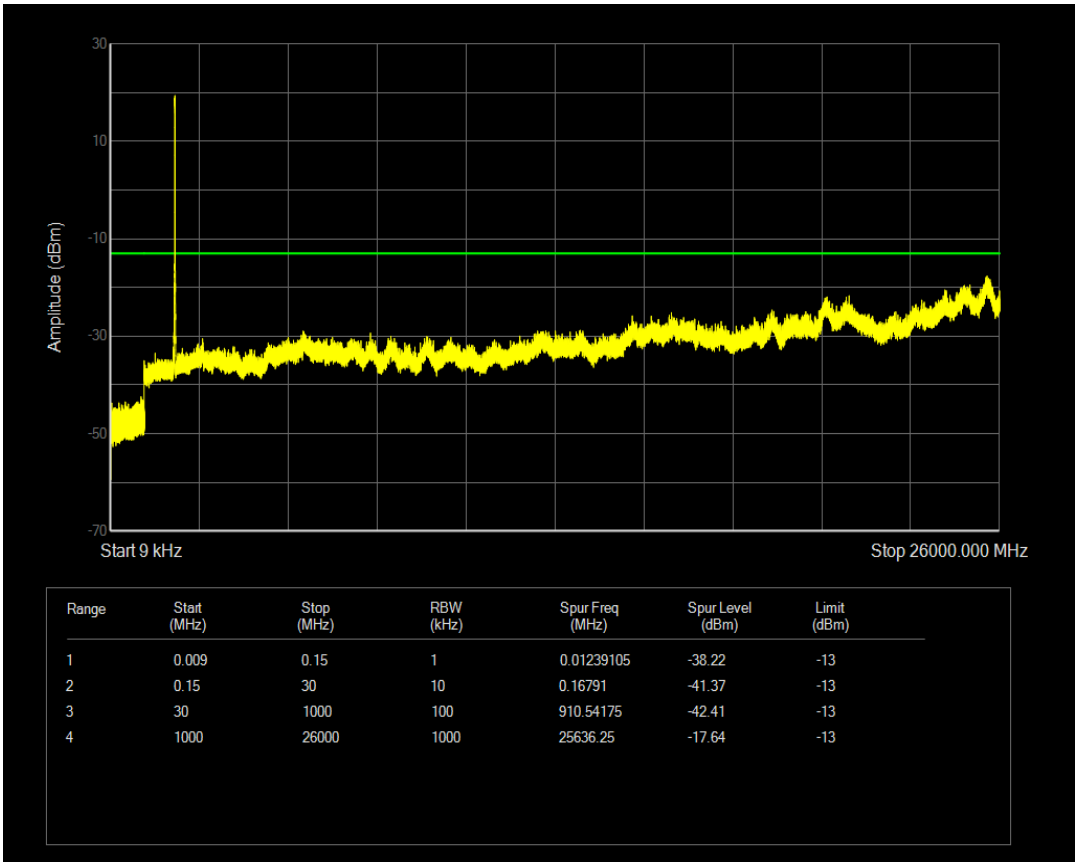
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0098037	-37.69	-13
2	0.15	30	10	0.15522375	-39.82	-13
3	30	1000	100	775.03275	-43.11	-13
4	1000	26000	1000	25627.5	-17.09	-13

Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



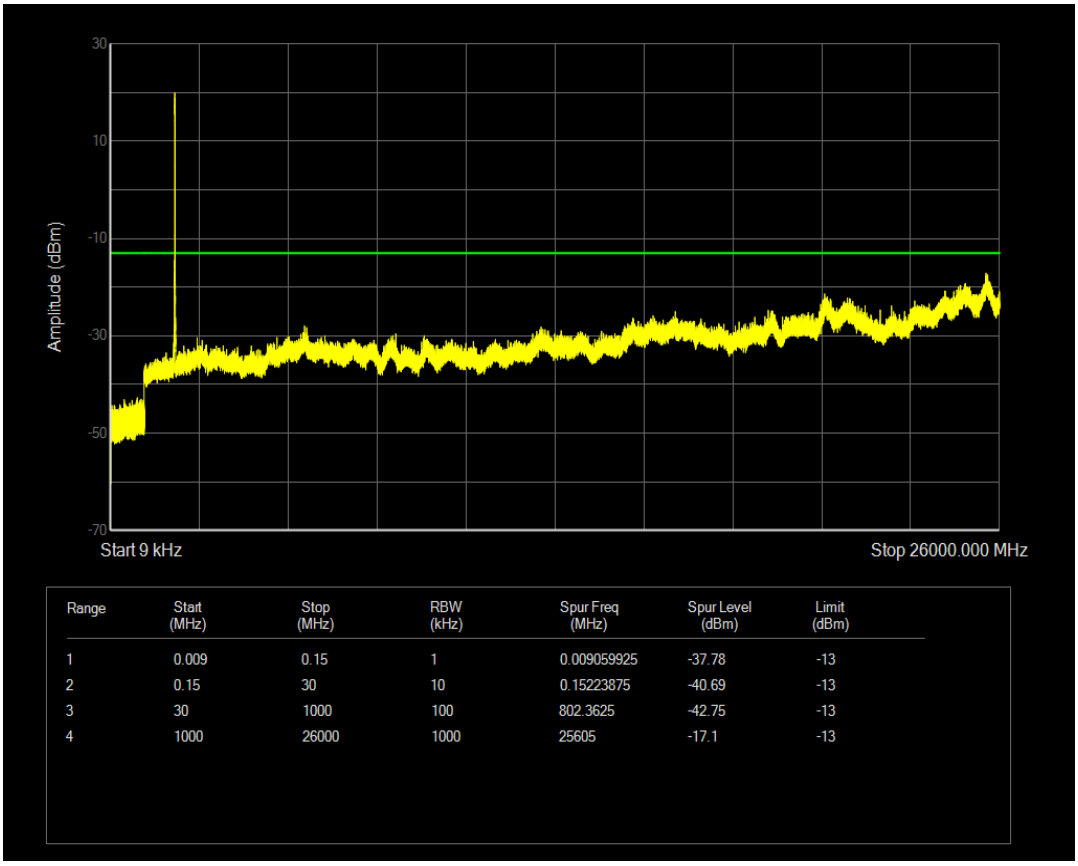
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010194975	-38.94	-13
2	0.15	30	10	0.15	-38.22	-13
3	30	1000	100	942.60025	-42.77	-13
4	1000	26000	1000	25643.75	-18.02	-13

Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



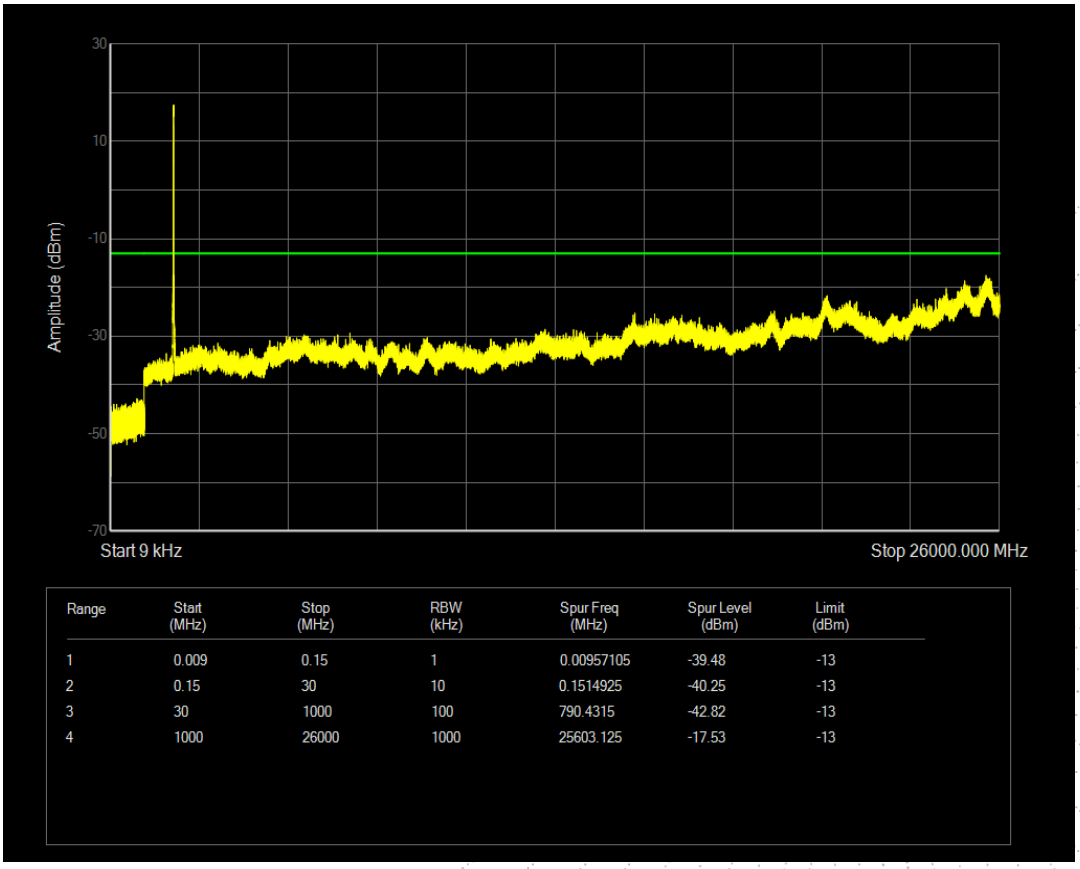
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01239105	-38.22	-13
2	0.15	30	10	0.16791	-41.37	-13
3	30	1000	100	910.54175	-42.41	-13
4	1000	26000	1000	25636.25	-17.64	-13

Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



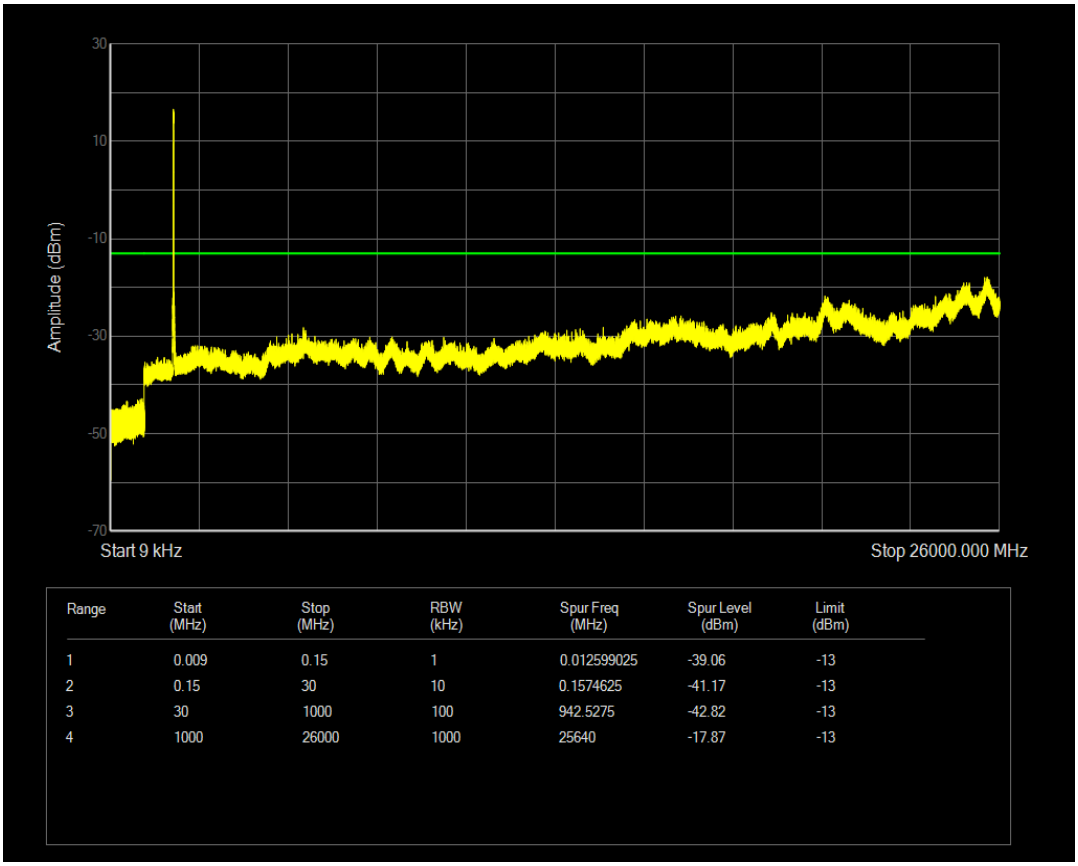
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009059925	-37.78	-13
2	0.15	30	10	0.15223875	-40.69	-13
3	30	1000	100	802.3625	-42.75	-13
4	1000	26000	1000	25605	-17.1	-13

Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



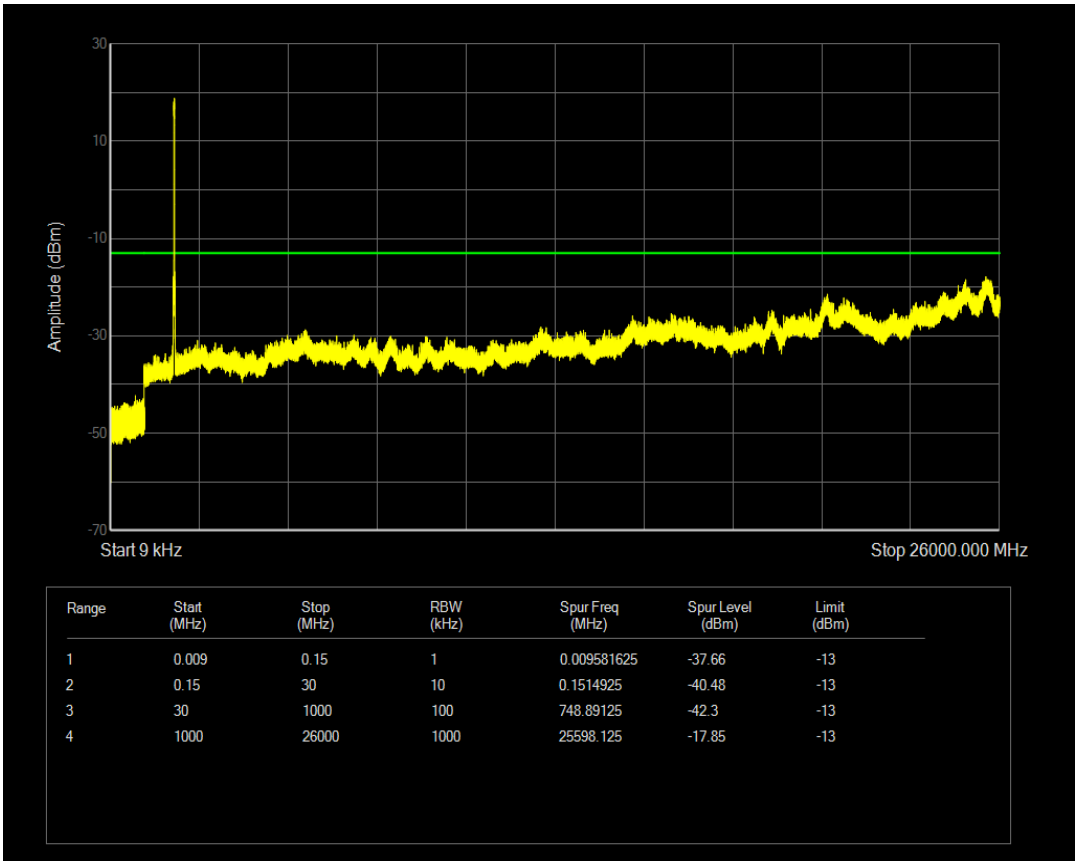
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00957105	-39.48	-13
2	0.15	30	10	0.1514925	-40.25	-13
3	30	1000	100	790.4315	-42.82	-13
4	1000	26000	1000	25603.125	-17.53	-13

Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



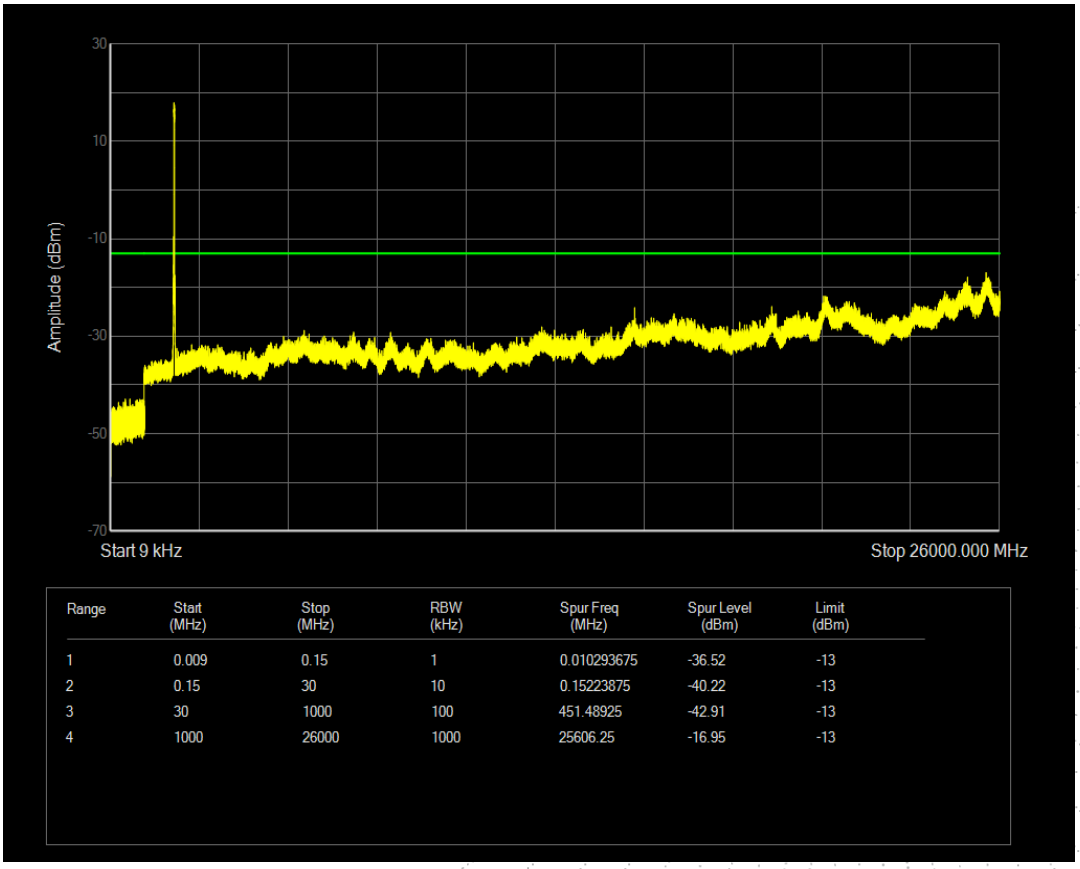
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012599025	-39.06	-13
2	0.15	30	10	0.1574625	-41.17	-13
3	30	1000	100	942.5275	-42.82	-13
4	1000	26000	1000	25640	-17.87	-13

Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



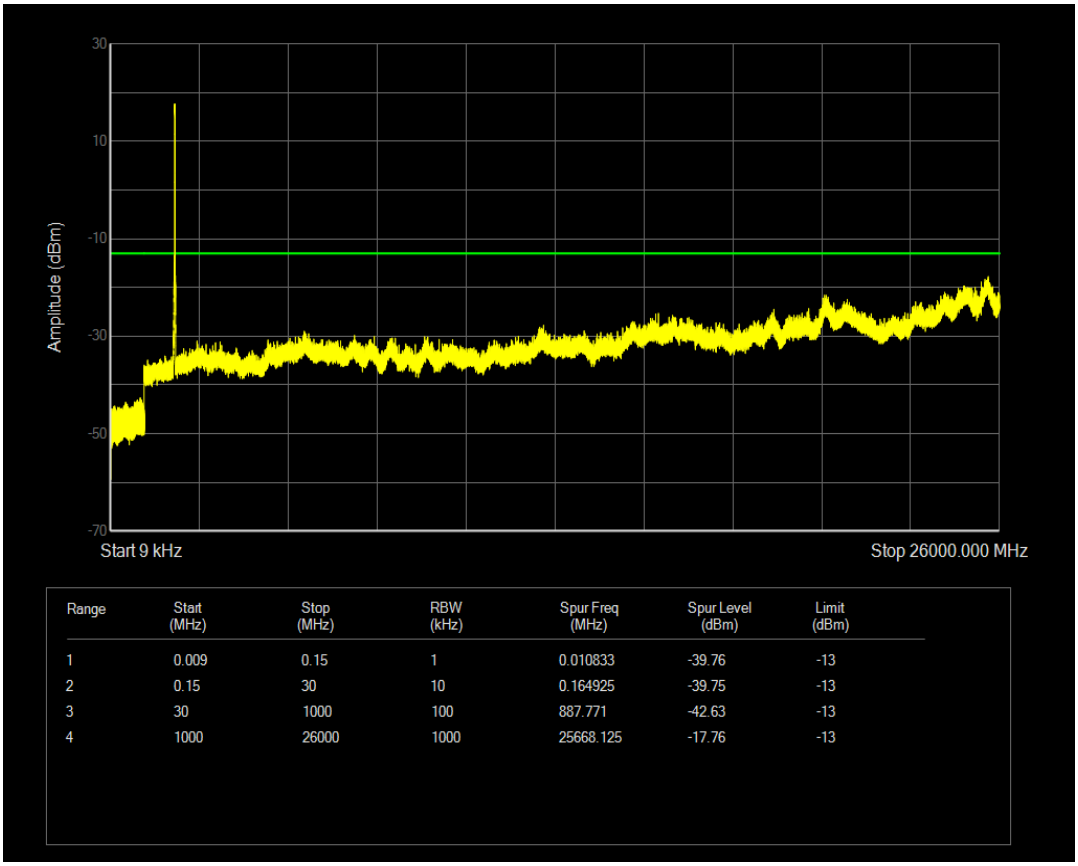
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009581625	-37.66	-13
2	0.15	30	10	0.1514925	-40.48	-13
3	30	1000	100	748.89125	-42.3	-13
4	1000	26000	1000	25598.125	-17.85	-13

Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



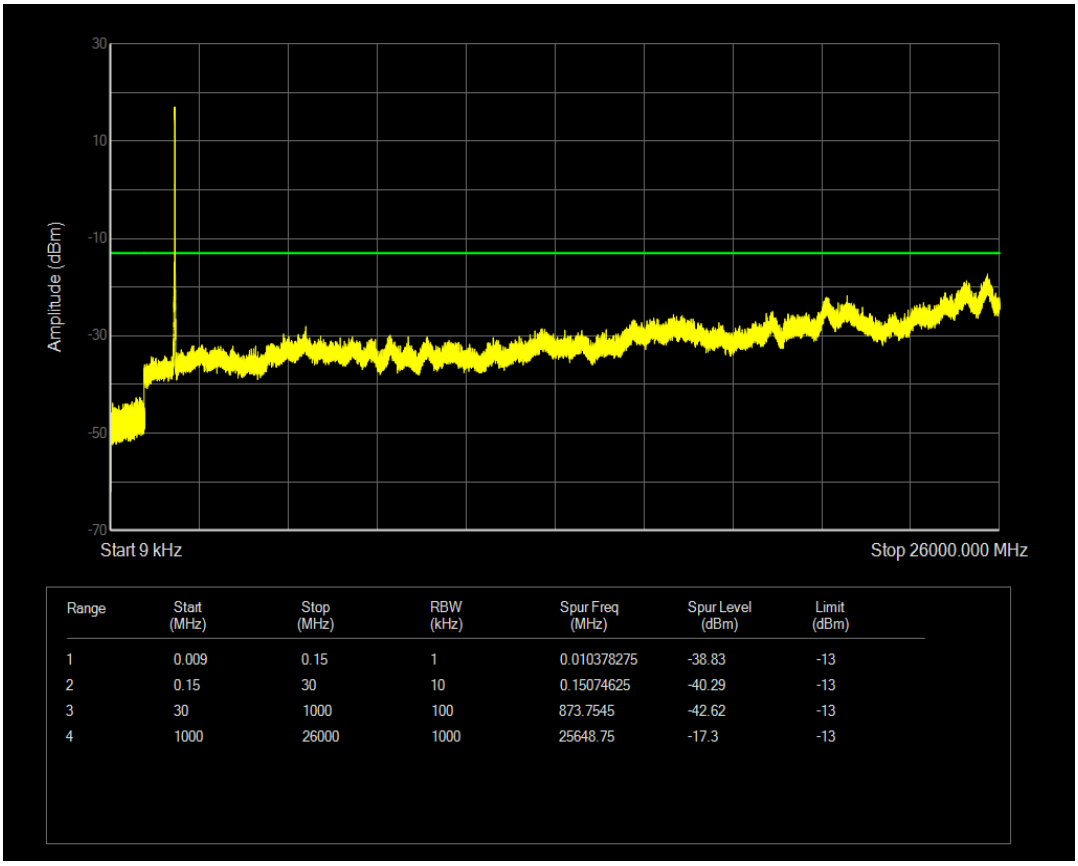
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010293675	-36.52	-13
2	0.15	30	10	0.15223875	-40.22	-13
3	30	1000	100	451.48925	-42.91	-13
4	1000	26000	1000	25606.25	-16.95	-13

Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



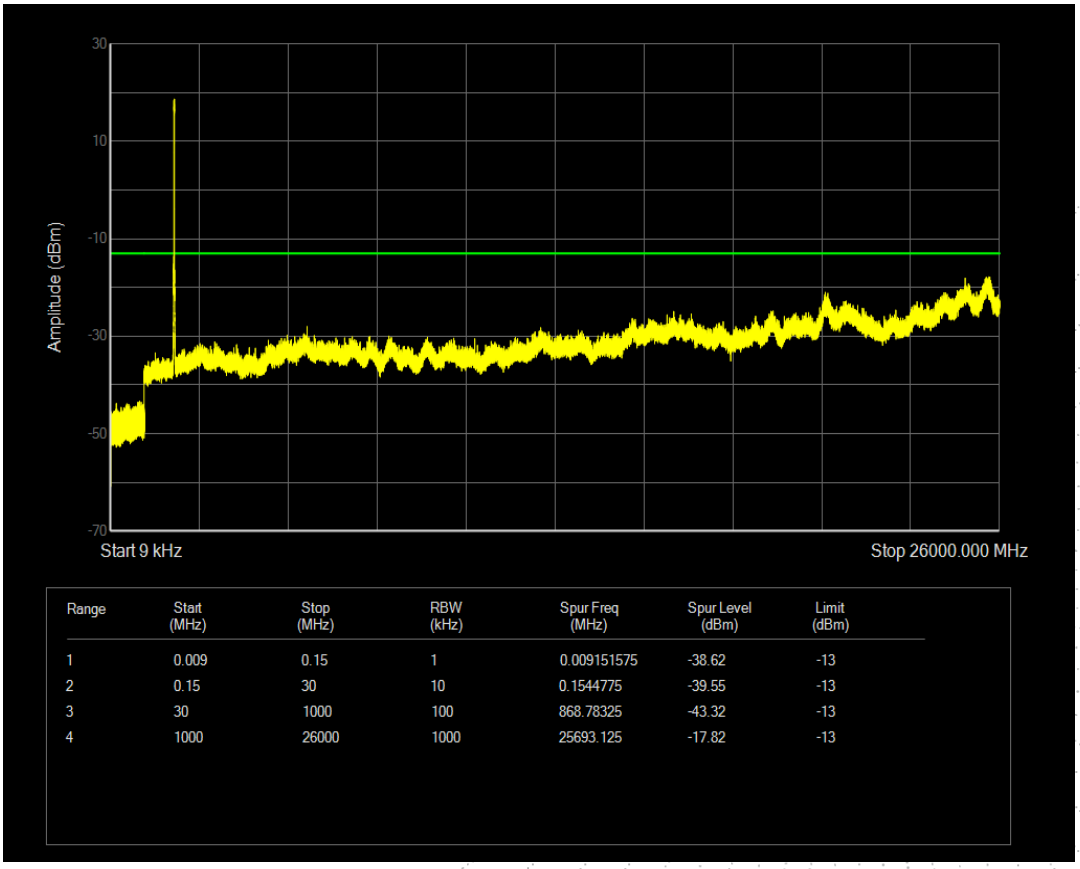
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010833	-39.76	-13
2	0.15	30	10	0.164925	-39.75	-13
3	30	1000	100	887.771	-42.63	-13
4	1000	26000	1000	25668.125	-17.76	-13

Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010378275	-38.83	-13
2	0.15	30	10	0.15074625	-40.29	-13
3	30	1000	100	873.7545	-42.62	-13
4	1000	26000	1000	25648.75	-17.3	-13

Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009151575	-38.62	-13
2	0.15	30	10	0.1544775	-39.55	-13
3	30	1000	100	868.78325	-43.32	-13
4	1000	26000	1000	25693.125	-17.82	-13