Appendix for Band 2

Report No.:	BCTC2304875804-6E
Applicant:	Shenzhen Qichang Intelligent Technology Co., Ltd
Product Name:	smartphone
Model/Type reference:	F102
Tested Date:	2023-04-27 to 2023-05-15
Issued Date:	2023-05-16

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	23.25	-1	22.25	PASS
Band2	1.4	18607	1	#Mid	QPSK	23.35	-1	22.35	PASS
Band2	1.4	18607	1	#Max	QPSK	23.23	-1	22.23	PASS
Band2	1.4	18607	3	#0	QPSK	23.39	-1	22.39	PASS
Band2	1.4	18607	3	#Mid	QPSK	23.40	-1	22.40	PASS
Band2	1.4	18607	3	#Max	QPSK	23.39	-1	22.39	PASS
Band2	1.4	18607	6	#0	QPSK	22.43	-1	21.43	PASS
Band2	1.4	18607	1	#0	16QAM	22.45	-1	21.45	PASS
Band2	1.4	18607	1	#Mid	16QAM	22.50	-1	21.50	PASS
Band2	1.4	18607	1	#Max	16QAM	22.42	-1	21.42	PASS
Band2	1.4	18607	3	#0	16QAM	22.58	-1	21.58	PASS
Band2	1.4	18607	3	#Mid	16QAM	22.63	-1	21.63	PASS
Band2	1.4	18607	3	#Max	16QAM	22.62	-1	21.62	PASS
Band2	1.4	18607	6	#0	16QAM	21.60	-1	20.60	PASS
Band2	1.4	18900	1	#0	QPSK	22.93	-1	21.93	PASS
Band2	1.4	18900	1	#Mid	QPSK	23.04	-1	22.04	PASS
Band2	1.4	18900	1	#Max	QPSK	22.94	-1	21.94	PASS
Band2	1.4	18900	3	#0	QPSK	23.03	-1	22.03	PASS
Band2	1.4	18900	3	#Mid	QPSK	23.06	-1	22.06	PASS
Band2	1.4	18900	3	#Max	QPSK	22.99	-1	21.99	PASS
Band2	1.4	18900	6	#0	QPSK	22.07	-1	21.07	PASS
Band2	1.4	18900	1	#0	16QAM	21.75	-1	20.75	PASS
Band2	1.4	18900	1	#Mid	16QAM	21.85	-1	20.85	PASS
Band2	1.4	18900	1	#Max	16QAM	21.78	-1	20.78	PASS
Band2	1.4	18900	3	#0	16QAM	22.14	-1	21.14	PASS
Band2	1.4	18900	3	#Mid	16QAM	22.17	-1	21.17	PASS
Band2	1.4	18900	3	#Max	16QAM	22.18	-1	21.18	PASS
Band2	1.4	18900	6	#0	16QAM	21.28	-1	20.28	PASS
Band2	1.4	19193	1	#0	QPSK	22.45	-1	21.45	PASS
Band2	1.4	19193	1	#Mid	QPSK	22.53	-1	21.53	PASS
Band2	1.4	19193	1	#Max	QPSK	22.49	-1	21.49	PASS
Band2	1.4	19193	3	#0	QPSK	22.42	-1	21.42	PASS
Band2	1.4	19193	3	#Mid	QPSK	22.43	-1	21.43	PASS
Band2	1.4	19193	3	#Max	QPSK	22.46	-1	21.46	PASS
Band2	1.4	19193	6	#0	QPSK	21.51	-1	20.51	PASS
Band2	1.4	19193	1	#0	16QAM	21.46	-1	20.46	PASS
Band2	1.4	19193	1	#Mid	16QAM	21.52	-1	20.52	PASS

Band2	1.4	19193	1	#Max	16QAM	21.47	-1	20.47	PASS
Band2	1.4	19193	3	#0	16QAM	21.58	-1	20.58	PASS
Band2	1.4	19193	3	#Mid	16QAM	21.63	-1	20.63	PASS
Band2	1.4	19193	3	#Max	16QAM	21.58	-1	20.58	PASS
Band2	1.4	19193	6	#0	16QAM	20.70	-1	19.70	PASS
Band2	3	18615	1	#0	QPSK	23.19	-1	22.19	PASS
Band2	3	18615	1	#Mid	QPSK	23.24	-1	22.24	PASS
Band2	3	18615	1	#Max	QPSK	23.15	-1	22.15	PASS
Band2	3	18615	8	#0	QPSK	22.36	-1	21.36	PASS
Band2	3	18615	8	#Mid	QPSK	22.45	-1	21.45	PASS
Band2	3	18615	8	#Max	QPSK	22.44	-1	21.44	PASS
Band2	3	18615	15	#0	QPSK	22.38	-1	21.38	PASS
Band2	3	18615	1	#0	16QAM	22.57	-1	21.57	PASS
Band2	3	18615	1	#Mid	16QAM	22.64	-1	21.64	PASS
Band2	3	18615	1	#Max	16QAM	22.55	-1	21.55	PASS
Band2	3	18615	8	#0	16QAM	21.41	-1	20.41	PASS
Band2	3	18615	8	#Mid	16QAM	21.47	-1	20.47	PASS
Band2	3	18615	8	#Max	16QAM	21.44	-1	20.44	PASS
Band2	3	18615	15	#0	16QAM	21.44	-1	20.44	PASS
Band2	3	18900	1	#0	QPSK	22.79	-1	21.79	PASS
Band2	3	18900	1	#Mid	QPSK	22.88	-1	21.88	PASS
Band2	3	18900	1	#Max	QPSK	22.82	-1	21.82	PASS
Band2	3	18900	8	#0	QPSK	22.01	-1	21.01	PASS
Band2	3	18900	8	#Mid	QPSK	22.12	-1	21.12	PASS
Band2	3	18900	8	#Max	QPSK	22.04	-1	21.04	PASS
Band2	3	18900	15	#0	QPSK	22.03	-1	21.03	PASS
Band2	3	18900	1	#0	16QAM	21.96	-1	20.96	PASS
Band2	3	18900	1	#Mid	16QAM	22.07	-1	21.07	PASS
Band2	3	18900	1	#Max	16QAM	22.03	-1	21.03	PASS
Band2	3	18900	8	#0	16QAM	21.03	-1	20.03	PASS
Band2	3	18900	8	#Mid	16QAM	21.09	-1	20.09	PASS
Band2	3	18900	8	#Max	16QAM	21.00	-1	20.00	PASS
Band2	3	18900	15	#0	16QAM	21.04	-1	20.04	PASS
Band2	3	19185	1	#0	QPSK	22.25	-1	21.25	PASS
Band2	3	19185	1	#Mid	QPSK	22.38	-1	21.38	PASS
Band2	3	19185	1	#Max	QPSK	22.37	-1	21.37	PASS
Band2	3	19185	8	#0	QPSK	21.41	-1	20.41	PASS
Band2	3	19185	8	#Mid	QPSK	21.50	-1	20.50	PASS
Band2	3	19185	8	#Max	QPSK	21.43	-1	20.43	PASS
Band2	3	19185	15	#0	QPSK	21.47	-1	20.47	PASS
Band2	3	19185	1	#0	16QAM	21.05	-1	20.05	PASS
Band2	3	19185	1	#Mid	16QAM	21.17	-1	20.17	PASS

Band2	3	19185	1	#Max	16QAM	21.09	-1	20.09	PASS
Band2	3	19185	8	#0	16QAM	20.39	-1	19.39	PASS
Band2	3	19185	8	#Mid	16QAM	20.45	-1	19.45	PASS
Band2	3	19185	8	#Max	16QAM	20.44	-1	19.44	PASS
Band2	3	19185	15	#0	16QAM	20.50	-1	19.50	PASS
Band2	5	18625	1	#0	QPSK	23.32	-1	22.32	PASS
Band2	5	18625	1	#Mid	QPSK	23.47	-1	22.47	PASS
Band2	5	18625	1	#Max	QPSK	23.34	-1	22.34	PASS
Band2	5	18625	12	#0	QPSK	22.44	-1	21.44	PASS
Band2	5	18625	12	#Mid	QPSK	22.51	-1	21.51	PASS
Band2	5	18625	12	#Max	QPSK	22.46	-1	21.46	PASS
Band2	5	18625	25	#0	QPSK	22.46	-1	21.46	PASS
Band2	5	18625	1	#0	16QAM	22.68	-1	21.68	PASS
Band2	5	18625	1	#Mid	16QAM	22.80	-1	21.80	PASS
Band2	5	18625	1	#Max	16QAM	22.67	-1	21.67	PASS
Band2	5	18625	12	#0	16QAM	21.45	-1	20.45	PASS
Band2	5	18625	12	#Mid	16QAM	21.54	-1	20.54	PASS
Band2	5	18625	12	#Max	16QAM	21.52	-1	20.52	PASS
Band2	5	18625	25	#0	16QAM	21.44	-1	20.44	PASS
Band2	5	18900	1	#0	QPSK	23.06	-1	22.06	PASS
Band2	5	18900	1	#Mid	QPSK	23.12	-1	22.12	PASS
Band2	5	18900	1	#Max	QPSK	23.10	-1	22.10	PASS
Band2	5	18900	12	#0	QPSK	22.04	-1	21.04	PASS
Band2	5	18900	12	#Mid	QPSK	22.15	-1	21.15	PASS
Band2	5	18900	12	#Max	QPSK	22.07	-1	21.07	PASS
Band2	5	18900	25	#0	QPSK	22.11	-1	21.11	PASS
Band2	5	18900	1	#0	16QAM	22.50	-1	21.50	PASS
Band2	5	18900	1	#Mid	16QAM	22.62	-1	21.62	PASS
Band2	5	18900	1	#Max	16QAM	22.61	-1	21.61	PASS
Band2	5	18900	12	#0	16QAM	21.09	-1	20.09	PASS
Band2	5	18900	12	#Mid	16QAM	21.16	-1	20.16	PASS
Band2	5	18900	12	#Max	16QAM	21.13	-1	20.13	PASS
Band2	5	18900	25	#0	16QAM	21.11	-1	20.11	PASS
Band2	5	19175	1	#0	QPSK	22.46	-1	21.46	PASS
Band2	5	19175	1	#Mid	QPSK	22.58	-1	21.58	PASS
Band2	5	19175	1	#Max	QPSK	22.54	-1	21.54	PASS
Band2	5	19175	12	#0	QPSK	21.50	-1	20.50	PASS
Band2	5	19175	12	#Mid	QPSK	21.55	-1	20.55	PASS
Band2	5	19175	12	#Max	QPSK	21.52	-1	20.52	PASS
Band2	5	19175	25	#0	QPSK	21.48	-1	20.48	PASS
Band2	5	19175	1	#0	16QAM	21.76	-1	20.76	PASS
Band2	5	19175	1	#Mid	16QAM	21.83	-1	20.83	PASS

Band2	5	19175	1	#Max	16QAM	21.83	-1	20.83	PASS
Band2	5	19175	12	#0	16QAM	20.46	-1	19.46	PASS
Band2	5	19175	12	#Mid	16QAM	20.50	-1	19.50	PASS
Band2	5	19175	12	#Max	16QAM	20.48	-1	19.48	PASS
Band2	5	19175	25	#0	16QAM	20.54	-1	19.54	PASS
Band2	10	18650	1	#0	QPSK	23.56	-1	22.56	PASS
Band2	10	18650	1	#Mid	QPSK	23.56	-1	22.56	PASS
Band2	10	18650	1	#Max	QPSK	23.43	-1	22.43	PASS
Band2	10	18650	25	#0	QPSK	22.37	-1	21.37	PASS
Band2	10	18650	25	#Mid	QPSK	22.46	-1	21.46	PASS
Band2	10	18650	25	#Max	QPSK	22.38	-1	21.38	PASS
Band2	10	18650	50	#0	QPSK	22.46	-1	21.46	PASS
Band2	10	18650	1	#0	16QAM	22.33	-1	21.33	PASS
Band2	10	18650	1	#Mid	16QAM	22.33	-1	21.33	PASS
Band2	10	18650	1	#Max	16QAM	22.14	-1	21.14	PASS
Band2	10	18650	25	#0	16QAM	21.39	-1	20.39	PASS
Band2	10	18650	25	#Mid	16QAM	21.50	-1	20.50	PASS
Band2	10	18650	25	#Max	16QAM	21.42	-1	20.42	PASS
Band2	10	18650	50	#0	16QAM	21.44	-1	20.44	PASS
Band2	10	18900	1	#0	QPSK	23.08	-1	22.08	PASS
Band2	10	18900	1	#Mid	QPSK	23.16	-1	22.16	PASS
Band2	10	18900	1	#Max	QPSK	23.14	-1	22.14	PASS
Band2	10	18900	25	#0	QPSK	22.06	-1	21.06	PASS
Band2	10	18900	25	#Mid	QPSK	22.17	-1	21.17	PASS
Band2	10	18900	25	#Max	QPSK	22.12	-1	21.12	PASS
Band2	10	18900	50	#0	QPSK	22.11	-1	21.11	PASS
Band2	10	18900	1	#0	16QAM	22.41	-1	21.41	PASS
Band2	10	18900	1	#Mid	16QAM	22.56	-1	21.56	PASS
Band2	10	18900	1	#Max	16QAM	22.57	-1	21.57	PASS
Band2	10	18900	25	#0	16QAM	21.12	-1	20.12	PASS
Band2	10	18900	25	#Mid	16QAM	21.24	-1	20.24	PASS
Band2	10	18900	25	#Max	16QAM	21.16	-1	20.16	PASS
Band2	10	18900	50	#0	16QAM	21.14	-1	20.14	PASS
Band2	10	19150	1	#0	QPSK	22.56	-1	21.56	PASS
Band2	10	19150	1	#Mid	QPSK	22.54	-1	21.54	PASS
Band2	10	19150	1	#Max	QPSK	22.59	-1	21.59	PASS
Band2	10	19150	25	#0	QPSK	21.45	-1	20.45	PASS
Band2	10	19150	25	#Mid	QPSK	21.54	-1	20.54	PASS
Band2	10	19150	25	#Max	QPSK	21.46	-1	20.46	PASS
Band2	10	19150	50	#0	QPSK	21.50	-1	20.50	PASS
Band2	10	19150	1	#0	16QAM	21.73	-1	20.73	PASS
Band2	10	19150	1	#Mid	16QAM	21.68	-1	20.68	PASS

Band2	10	19150	1	#Max	16QAM	21.72	-1	20.72	PASS
Band2	10	19150	25	#0	16QAM	20.47	-1	19.47	PASS
Band2	10	19150	25	#Mid	16QAM	20.60	-1	19.60	PASS
Band2	10	19150	25	#Max	16QAM	20.49	-1	19.49	PASS
Band2	10	19150	50	#0	16QAM	20.54	-1	19.54	PASS
Band2	15	18675	1	#0	QPSK	23.44	-1	22.44	PASS
Band2	15	18675	1	#Mid	QPSK	23.39	-1	22.39	PASS
Band2	15	18675	1	#Max	QPSK	23.09	-1	22.09	PASS
Band2	15	18675	36	#0	QPSK	22.40	-1	21.40	PASS
Band2	15	18675	36	#Mid	QPSK	22.43	-1	21.43	PASS
Band2	15	18675	36	#Max	QPSK	22.37	-1	21.37	PASS
Band2	15	18675	75	#0	QPSK	22.43	-1	21.43	PASS
Band2	15	18675	1	#0	16QAM	22.81	-1	21.81	PASS
Band2	15	18675	1	#Mid	16QAM	22.75	-1	21.75	PASS
Band2	15	18675	1	#Max	16QAM	22.47	-1	21.47	PASS
Band2	15	18675	36	#0	16QAM	21.38	-1	20.38	PASS
Band2	15	18675	36	#Mid	16QAM	21.43	-1	20.43	PASS
Band2	15	18675	36	#Max	16QAM	21.37	-1	20.37	PASS
Band2	15	18675	75	#0	16QAM	21.36	-1	20.36	PASS
Band2	15	18900	1	#0	QPSK	23.00	-1	22.00	PASS
Band2	15	18900	1	#Mid	QPSK	23.14	-1	22.14	PASS
Band2	15	18900	1	#Max	QPSK	22.99	-1	21.99	PASS
Band2	15	18900	36	#0	QPSK	22.11	-1	21.11	PASS
Band2	15	18900	36	#Mid	QPSK	22.17	-1	21.17	PASS
Band2	15	18900	36	#Max	QPSK	22.16	-1	21.16	PASS
Band2	15	18900	75	#0	QPSK	22.17	-1	21.17	PASS
Band2	15	18900	1	#0	16QAM	22.12	-1	21.12	PASS
Band2	15	18900	1	#Mid	16QAM	22.32	-1	21.32	PASS
Band2	15	18900	1	#Max	16QAM	22.23	-1	21.23	PASS
Band2	15	18900	36	#0	16QAM	21.16	-1	20.16	PASS
Band2	15	18900	36	#Mid	16QAM	21.22	-1	20.22	PASS
Band2	15	18900	36	#Max	16QAM	21.21	-1	20.21	PASS
Band2	15	18900	75	#0	16QAM	21.15	-1	20.15	PASS
Band2	15	19125	1	#0	QPSK	22.69	-1	21.69	PASS
Band2	15	19125	1	#Mid	QPSK	22.63	-1	21.63	PASS
Band2	15	19125	1	#Max	QPSK	22.61	-1	21.61	PASS
Band2	15	19125	36	#0	QPSK	21.61	-1	20.61	PASS
Band2	15	19125	36	#Mid	QPSK	21.56	-1	20.56	PASS
Band2	15	19125	36	#Max	QPSK	21.51	-1	20.51	PASS
Band2	15	19125	75	#0	QPSK	21.62	-1	20.62	PASS
Band2	15	19125	1	#0	16QAM	21.67	-1	20.67	PASS
Band2	15	19125	1	#Mid	16QAM	21.67	-1	20.67	PASS

Band2	15	19125	1	#Max	16QAM	21.62	-1	20.62	PASS
Band2	15	19125	36	#0	16QAM	20.55	-1	19.55	PASS
Band2	15	19125	36	#Mid	16QAM	20.54	-1	19.54	PASS
Band2	15	19125	36	#Max	16QAM	20.49	-1	19.49	PASS
Band2	15	19125	75	#0	16QAM	20.61	-1	19.61	PASS
Band2	20	18700	1	#0	QPSK	23.38	-1	22.38	PASS
Band2	20	18700	1	#Mid	QPSK	23.47	-1	22.47	PASS
Band2	20	18700	1	#Max	QPSK	23.12	-1	22.12	PASS
Band2	20	18700	50	#0	QPSK	22.32	-1	21.32	PASS
Band2	20	18700	50	#Mid	QPSK	22.34	-1	21.34	PASS
Band2	20	18700	50	#Max	QPSK	22.19	-1	21.19	PASS
Band2	20	18700	100	#0	QPSK	22.24	-1	21.24	PASS
Band2	20	18700	1	#0	16QAM	22.59	-1	21.59	PASS
Band2	20	18700	1	#Mid	16QAM	22.52	-1	21.52	PASS
Band2	20	18700	1	#Max	16QAM	22.20	-1	21.20	PASS
Band2	20	18700	50	#0	16QAM	21.29	-1	20.29	PASS
Band2	20	18700	50	#Mid	16QAM	21.30	-1	20.30	PASS
Band2	20	18700	50	#Max	16QAM	21.21	-1	20.21	PASS
Band2	20	18700	100	#0	16QAM	21.26	-1	20.26	PASS
Band2	20	18900	1	#0	QPSK	22.94	-1	21.94	PASS
Band2	20	18900	1	#Mid	QPSK	23.25	-1	22.25	PASS
Band2	20	18900	1	#Max	QPSK	22.95	-1	21.95	PASS
Band2	20	18900	50	#0	QPSK	22.07	-1	21.07	PASS
Band2	20	18900	50	#Mid	QPSK	22.19	-1	21.19	PASS
Band2	20	18900	50	#Max	QPSK	22.12	-1	21.12	PASS
Band2	20	18900	100	#0	QPSK	22.11	-1	21.11	PASS
Band2	20	18900	1	#0	16QAM	22.10	-1	21.10	PASS
Band2	20	18900	1	#Mid	16QAM	22.44	-1	21.44	PASS
Band2	20	18900	1	#Max	16QAM	22.23	-1	21.23	PASS
Band2	20	18900	50	#0	16QAM	21.12	-1	20.12	PASS
Band2	20	18900	50	#Mid	16QAM	21.25	-1	20.25	PASS
Band2	20	18900	50	#Max	16QAM	21.18	-1	20.18	PASS
Band2	20	18900	100	#0	16QAM	21.13	-1	20.13	PASS
Band2	20	19100	1	#0	QPSK	22.76	-1	21.76	PASS
Band2	20	19100	1	#Mid	QPSK	22.65	-1	21.65	PASS
Band2	20	19100	1	#Max	QPSK	22.50	-1	21.50	PASS
Band2	20	19100	50	#0	QPSK	21.68	-1	20.68	PASS
Band2	20	19100	50	#Mid	QPSK	21.65	-1	20.65	PASS
Band2	20	19100	50	#Max	QPSK	21.53	-1	20.53	PASS
Band2	20	19100	100	#0	QPSK	21.56	-1	20.56	PASS
Band2	20	19100	1	#0	16QAM	22.02	-1	21.02	PASS
Band2	20	19100	1	#Mid	16QAM	21.93	-1	20.93	PASS

Band2	20	19100	1	#Max	16QAM	21.77	-1	20.77	PASS
Band2	20	19100	50	#0	16QAM	20.74	-1	19.74	PASS
Band2	20	19100	50	#Mid	16QAM	20.71	-1	19.71	PASS
Band2	20	19100	50	#Max	16QAM	20.56	-1	19.56	PASS
Band2	20	19100	100	#0	16QAM	20.62	-1	19.62	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band 2	1.4	18607	6	#0	QPSK	LV	NT	-1.24	-0.001	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	NT	-3.22	-0.002	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	HV	NT	-4.84	-0.003	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	LV	NT	-1.70	-0.001	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	NV	NT	-2.17	-0.001	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	HV	NT	0.51	0.000	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	LV	NT	-0.73	0.000	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	NT	-0.66	0.000	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	HV	NT	1.62	0.001	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	LV	NT	0.93	0.000	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	NV	NT	1.12	0.001	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	HV	NT	1.53	0.001	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	LV	NT	-4.43	-0.002	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	NT	-7.60	-0.004	-2.5	2.5	PASS
Band	1.4	19193	6	#0	QPSK	HV	NT	-3.53	-0.00	-2.5	2.5	PASS

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Band 2	1.4	19193	6	#0	16QAM	LV	NT	-3.33	-0.002	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	NV	NT	-2.27	-0.001	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	HV	NT	-4.39	-0.002	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	LV	NT	-10.27	-0.006	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	NT	-7.04	-0.004	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	HV	NT	-4.56	-0.002	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	LV	NT	-2.93	-0.002	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	NV	NT	-2.36	-0.001	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	HV	NT	-1.52	-0.001	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	LV	NT	-3.36	-0.002	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	NT	-3.45	-0.002	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	HV	NT	0.80	0.000	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	LV	NT	-0.73	0.000	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	NV	NT	0.47	0.000	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	HV	NT	-1.03	-0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	LV	NT	0.69	0.000	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	NT	-0.62	0.000	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	HV	NT	-2.50	-0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	LV	NT	-3.13	-0.002	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	NV	NT	-5.46	-0.003	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	HV	NT	-5.79	-0.003	-2.5	2.5	PASS

Band 2	5	18625	25	#0	QPSK	LV	NT	-2.88	-0.002	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	NT	0.23	0.000	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	HV	NT	-1.00	-0.001	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	LV	NT	-0.40	0.000	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	NV	NT	-1.13	-0.001	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	HV	NT	-0.87	0.000	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	LV	NT	-2.72	-0.001	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	NT	0.49	0.000	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	HV	NT	-2.12	-0.001	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	LV	NT	0.89	0.000	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	NV	NT	-4.06	-0.002	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	HV	NT	-1.54	-0.001	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	LV	NT	-2.60	-0.001	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	NT	-1.17	-0.001	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	HV	NT	-0.17	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	LV	NT	-3.93	-0.002	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	NV	NT	0.62	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	HV	NT	-0.40	0.000	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	LV	NT	-1.80	-0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	NT	0.03	0.000	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	HV	NT	0.94	0.001	-2.5	2.5	PASS
Band	10	18650	50	#0	16QAM	LV	NT	0.63	0.000	-2.5	2.5	PASS

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Band 2	10	18650	50	#0	16QAM	NV	NT	-0.13	0.000	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	HV	NT	1.43	0.001	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	LV	NT	-3.68	-0.002	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	NT	-5.21	-0.003	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	HV	NT	-4.84	-0.003	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	LV	NT	-4.91	-0.003	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	NV	NT	-2.79	-0.001	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	HV	NT	-3.75	-0.002	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	LV	NT	-1.73	-0.001	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	NT	-0.17	0.000	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	HV	NT	1.52	0.001	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	LV	NT	-0.69	0.000	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	NV	NT	-0.23	0.000	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	HV	NT	-0.13	0.000	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	LV	NT	-4.71	-0.003	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	NT	-3.22	-0.002	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	HV	NT	-2.45	-0.001	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	LV	NT	-2.66	-0.001	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	NV	NT	-3.38	-0.002	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	HV	NT	-2.06	-0.001	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	LV	NT	-4.98	-0.003	-2.5	2.5	PASS

Band 2	15	18900	75	#0	QPSK	NV	NT	-4.08	-0.002	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	HV	NT	-2.06	-0.001	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	LV	NT	-2.17	-0.001	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	NV	NT	-1.76	-0.001	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	HV	NT	-3.65	-0.002	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	LV	NT	2.68	0.001	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	NT	2.62	0.001	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	HV	NT	0.37	0.000	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	LV	NT	2.62	0.001	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	NV	NT	2.07	0.001	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	HV	NT	-0.67	0.000	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	LV	NT	-4.48	-0.002	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	NT	-3.50	-0.002	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	HV	NT	-4.43	-0.002	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	LV	NT	-2.13	-0.001	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	NV	NT	-2.02	-0.001	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	HV	NT	-2.66	-0.001	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	LV	NT	-1.75	-0.001	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	NT	-0.92	0.000	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	HV	NT	-0.23	0.000	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	LV	NT	-1.30	-0.001	-2.5	2.5	PASS
Band	20	18900	100	#0	16QAM	NV	NT	-3.48	-0.00	-2.5	2.5	PASS

2									2			
Band 2	20	18900	100	#0	16QAM	HV	NT	-1.69	-0.001	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	LV	NT	-2.05	-0.001	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	NT	1.30	0.001	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	HV	NT	2.88	0.002	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	LV	NT	0.03	0.000	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	NV	NT	1.59	0.001	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	HV	NT	0.63	0.000	-2.5	2.5	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band 2	1.4	18607	6	#0	QPSK	NV	-30	-3.60	-0.002	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	-20	-6.19	-0.003	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	0	-3.89	-0.002	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	10	-3.19	-0.002	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	20	-1.07	-0.001	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	NV	-30	0.19	0.000	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	NV	-20	-0.89	0.000	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	NV	0	-0.40	0.000	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	NV	10	-4.72	-0.003	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	NV	20	-0.67	0.000	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	-30	4.28	0.002	-2.5	2.5	PASS

Band 2	1.4	18900	6	#0	QPSK	NV	-20	-3.03	-0.002	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	0	-2.36	-0.001	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	10	-1.00	-0.001	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	20	-3.98	-0.002	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	NV	-30	0.62	0.000	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	NV	-20	0.46	0.000	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	NV	0	-2.99	-0.002	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	NV	10	-1.07	-0.001	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	NV	20	-3.12	-0.002	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	-30	-5.09	-0.003	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	-20	-6.17	-0.003	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	0	-8.33	-0.004	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	10	-3.58	-0.002	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	20	-1.85	-0.001	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	NV	-30	-3.29	-0.002	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	NV	-20	-3.69	-0.002	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	NV	0	-0.36	0.000	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	NV	10	-3.42	-0.002	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	NV	20	-3.42	-0.002	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	-30	-1.22	-0.001	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	-20	0.20	0.000	-2.5	2.5	PASS
Band	3	18615	15	#0	QPSK	NV	0	-0.70	0.000	-2.5	2.5	PASS

2												
Band 2	3	18615	15	#0	QPSK	NV	10	-2.96	-0.002	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	20	0.51	0.000	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	NV	-30	3.96	0.002	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	NV	-20	1.23	0.001	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	NV	0	0.70	0.000	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	NV	10	0.31	0.000	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	NV	20	1.95	0.001	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	-30	-1.09	-0.001	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	-20	-0.31	0.000	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	0	1.66	0.001	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	10	-1.80	-0.001	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	20	0.10	0.000	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	NV	-30	-2.83	-0.002	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	NV	-20	-2.35	-0.001	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	NV	0	-7.10	-0.004	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	NV	10	-0.72	0.000	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	NV	20	-0.86	0.000	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	-30	4.35	0.002	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	-20	4.12	0.002	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	0	1.65	0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	10	-1.89	-0.001	-2.5	2.5	PASS

Band 2	3	19185	15	#0	QPSK	NV	20	0.16	0.000	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	NV	-30	1.39	0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	NV	-20	1.63	0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	NV	0	-2.00	-0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	NV	10	-2.10	-0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	NV	20	-0.67	0.000	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	-30	-6.61	-0.004	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	-20	-0.96	-0.001	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	0	0.59	0.000	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	10	-0.50	0.000	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	20	-2.85	-0.002	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	NV	-30	0.73	0.000	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	NV	-20	-0.99	-0.001	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	NV	0	0.89	0.000	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	NV	10	-1.27	-0.001	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	NV	20	-1.40	-0.001	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	-30	-1.34	-0.001	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	-20	-3.10	-0.002	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	0	0.49	0.000	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	10	-0.67	0.000	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	20	-4.81	-0.003	-2.5	2.5	PASS
Band	5	18900	25	#0	16QAM	NV	-30	0.36	0.000	-2.5	2.5	PASS

2												
Band 2	5	18900	25	#0	16QAM	NV	-20	-1.59	-0.001	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	NV	0	0.77	0.000	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	NV	10	1.86	0.001	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	NV	20	-0.21	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	-30	1.06	0.001	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	-20	0.07	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	0	0.72	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	10	-1.60	-0.001	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	20	1.83	0.001	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	NV	-30	-0.51	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	NV	-20	-0.16	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	NV	0	-0.77	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	NV	10	1.34	0.001	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	NV	20	1.07	0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	-30	-1.30	-0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	-20	-0.59	0.000	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	0	0.79	0.000	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	10	-1.97	-0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	20	0.06	0.000	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	NV	-30	-1.19	-0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	NV	-20	0.06	0.000	-2.5	2.5	PASS

Band 2	10	18650	50	#0	16QAM	NV	0	2.22	0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	NV	10	-4.32	-0.002	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	NV	20	0.24	0.000	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	-30	1.30	0.001	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	-20	-0.13	0.000	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	0	-0.29	0.000	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	10	1.24	0.001	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	20	-0.10	0.000	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	NV	-30	0.01	0.000	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	NV	-20	-0.24	0.000	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	NV	0	0.37	0.000	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	NV	10	2.30	0.001	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	NV	20	-1.17	-0.001	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	-30	-3.42	-0.002	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	-20	-1.04	-0.001	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	0	0.17	0.000	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	10	-0.93	0.000	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	20	-0.83	0.000	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	NV	-30	0.26	0.000	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	NV	-20	-1.20	-0.001	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	NV	0	0.84	0.000	-2.5	2.5	PASS
Band	10	19150	50	#0	16QAM	NV	10	-0.74	0.000	-2.5	2.5	PASS

2												
Band 2	10	19150	50	#0	16QAM	NV	20	-0.67	0.000	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	-30	-2.59	-0.001	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	-20	-0.19	0.000	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	0	2.12	0.001	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	10	-0.60	0.000	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	20	-1.16	-0.001	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	NV	-30	2.19	0.001	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	NV	-20	0.63	0.000	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	NV	0	0.83	0.000	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	NV	10	-1.04	-0.001	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	NV	20	-0.33	0.000	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	-30	-0.66	0.000	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	-20	-1.06	-0.001	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	0	-0.62	0.000	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	10	-2.00	-0.001	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	20	-1.50	-0.001	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	NV	-30	-1.44	-0.001	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	NV	-20	-2.45	-0.001	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	NV	0	-2.00	-0.001	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	NV	10	-3.25	-0.002	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	NV	20	-0.89	0.000	-2.5	2.5	PASS

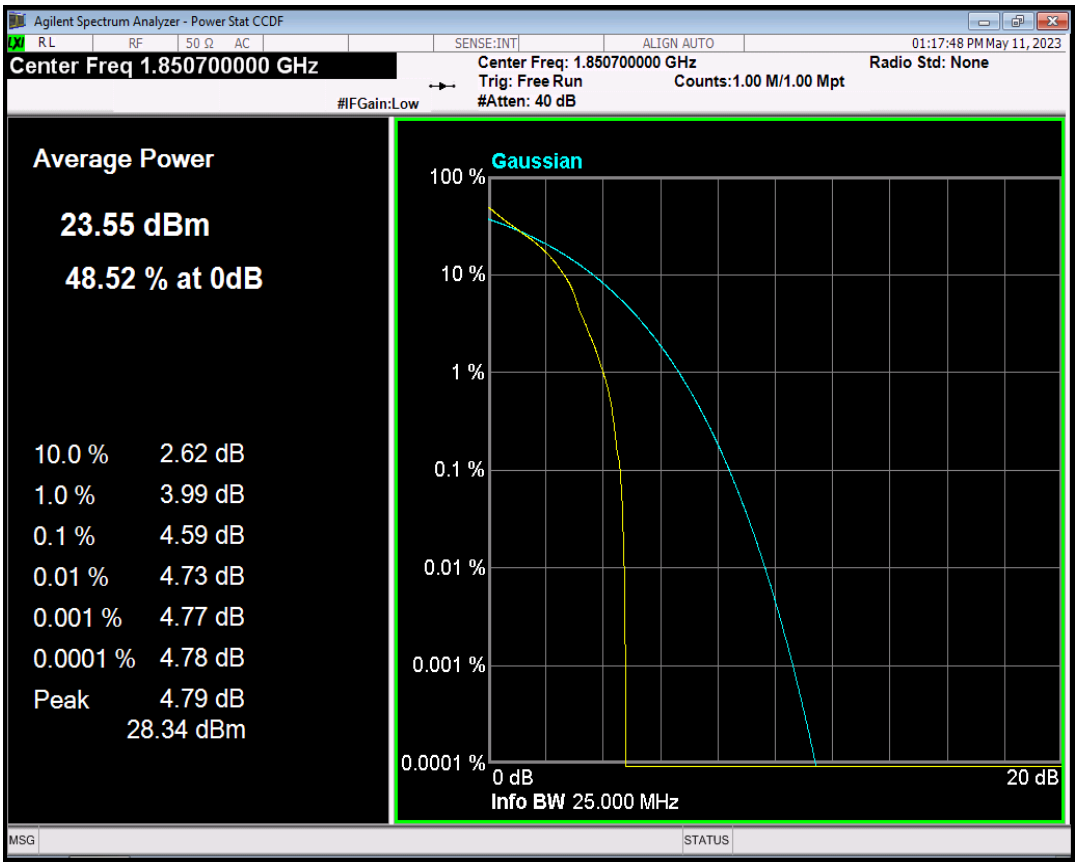
Band 2	15	19125	75	#0	QPSK	NV	-30	1.00	0.001	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	-20	1.54	0.001	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	0	0.51	0.000	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	10	0.96	0.001	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	20	0.23	0.000	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	NV	-30	-0.34	0.000	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	NV	-20	1.09	0.001	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	NV	0	2.42	0.001	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	NV	10	1.86	0.001	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	NV	20	1.46	0.001	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	-30	-5.34	-0.003	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	-20	-4.48	-0.002	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	0	-2.90	-0.002	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	10	-6.17	-0.003	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	20	-5.32	-0.003	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	NV	-30	-4.45	-0.002	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	NV	-20	-3.33	-0.002	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	NV	0	-2.42	-0.001	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	NV	10	-1.79	-0.001	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	NV	20	-4.71	-0.003	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	-30	-2.79	-0.001	-2.5	2.5	PASS
Band	20	18900	100	#0	QPSK	NV	-20	-2.42	-0.00	-2.5	2.5	PASS

2									1			
Band 2	20	18900	100	#0	QPSK	NV	0	-1.49	-0.001	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	10	-2.96	-0.002	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	20	-3.06	-0.002	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	NV	-30	-3.95	-0.002	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	NV	-20	-3.78	-0.002	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	NV	0	-3.79	-0.002	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	NV	10	-2.37	-0.001	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	NV	20	-4.02	-0.002	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	-30	2.63	0.001	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	-20	1.13	0.001	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	0	-0.64	0.000	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	10	-0.49	0.000	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	20	-2.12	-0.001	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	NV	-30	2.27	0.001	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	NV	-20	-0.21	0.000	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	NV	0	-0.33	0.000	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	NV	10	1.89	0.001	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	NV	20	-0.77	0.000	-2.5	2.5	PASS

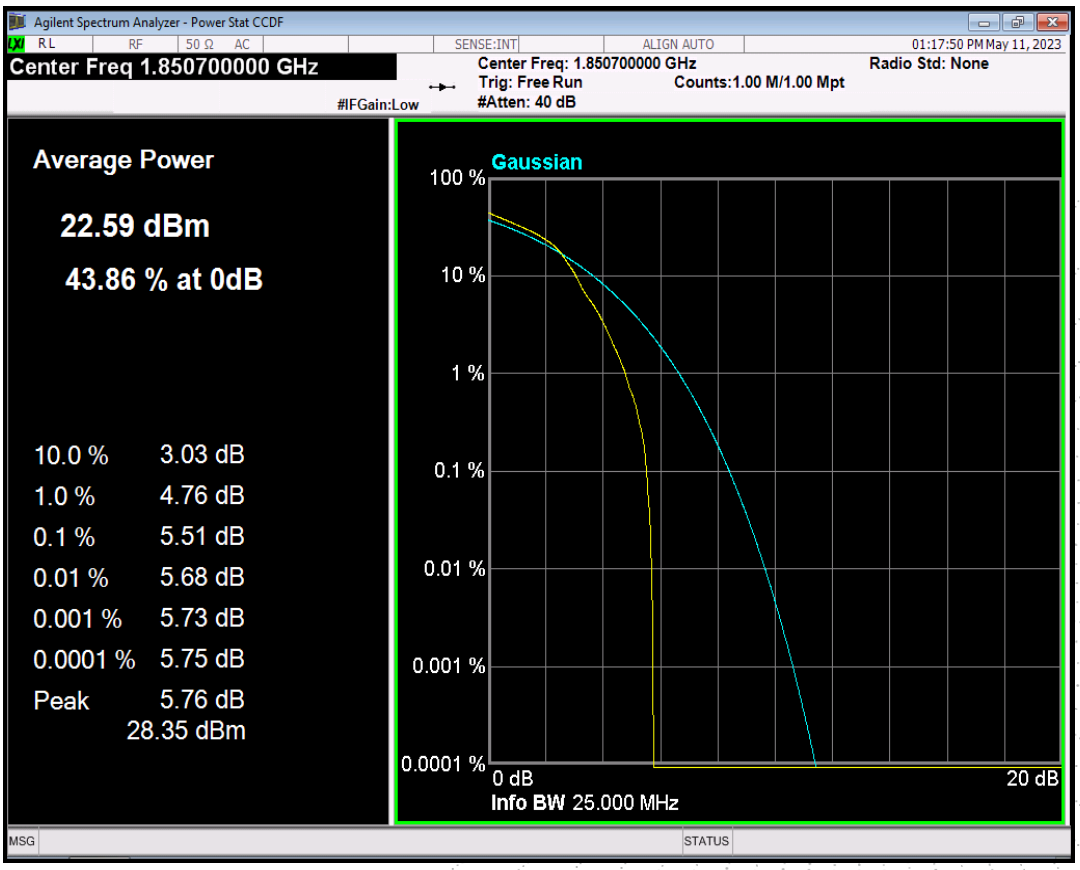
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	4.59	13	PASS
Band2	1.4	18607	1	#0	16QAM	5.51	13	PASS
Band2	1.4	18900	1	#0	QPSK	4.57	13	PASS
Band2	1.4	18900	1	#0	16QAM	5.49	13	PASS
Band2	1.4	19193	1	#0	QPSK	3.95	13	PASS
Band2	1.4	19193	1	#0	16QAM	4.80	13	PASS
Band2	3	18615	1	#0	QPSK	4.51	13	PASS
Band2	3	18615	1	#0	16QAM	5.60	13	PASS
Band2	3	18900	1	#0	QPSK	4.36	13	PASS
Band2	3	18900	1	#0	16QAM	5.12	13	PASS
Band2	3	19185	1	#0	QPSK	4.60	13	PASS
Band2	3	19185	1	#0	16QAM	5.45	13	PASS
Band2	5	18625	1	#0	QPSK	4.62	13	PASS
Band2	5	18625	1	#0	16QAM	5.34	13	PASS
Band2	5	18900	1	#0	QPSK	4.06	13	PASS
Band2	5	18900	1	#0	16QAM	4.80	13	PASS
Band2	5	19175	1	#0	QPSK	4.54	13	PASS
Band2	5	19175	1	#0	16QAM	5.29	13	PASS
Band2	10	18650	1	#0	QPSK	4.37	13	PASS
Band2	10	18650	1	#0	16QAM	5.40	13	PASS
Band2	10	18900	1	#0	QPSK	3.17	13	PASS
Band2	10	18900	1	#0	16QAM	4.14	13	PASS
Band2	10	19150	1	#0	QPSK	3.08	13	PASS
Band2	10	19150	1	#0	16QAM	3.98	13	PASS
Band2	15	18675	1	#0	QPSK	4.44	13	PASS
Band2	15	18675	1	#0	16QAM	5.19	13	PASS
Band2	15	18900	1	#0	QPSK	2.92	13	PASS
Band2	15	18900	1	#0	16QAM	3.94	13	PASS
Band2	15	19125	1	#0	QPSK	3.83	13	PASS
Band2	15	19125	1	#0	16QAM	4.78	13	PASS
Band2	20	18700	1	#0	QPSK	4.52	13	PASS
Band2	20	18700	1	#0	16QAM	5.60	13	PASS
Band2	20	18900	1	#0	QPSK	3.16	13	PASS
Band2	20	18900	1	#0	16QAM	3.98	13	PASS
Band2	20	19100	1	#0	QPSK	4.77	13	PASS
Band2	20	19100	1	#0	16QAM	5.49	13	PASS

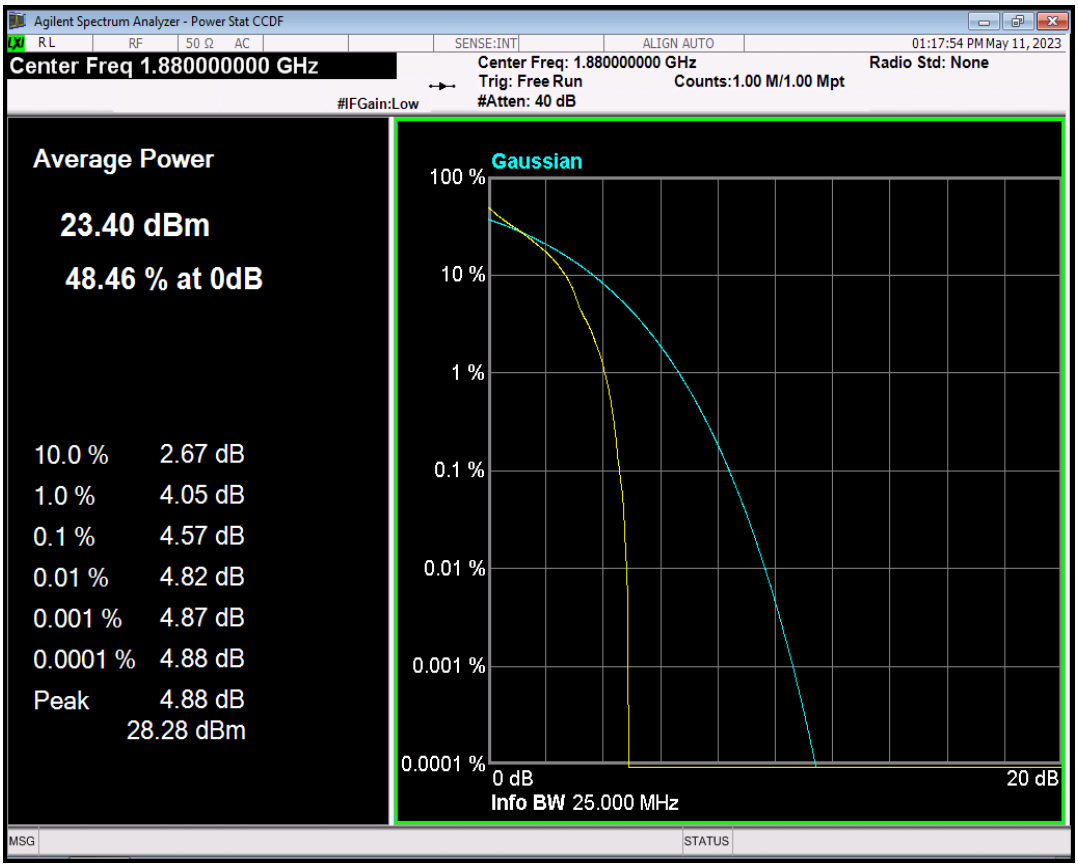
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



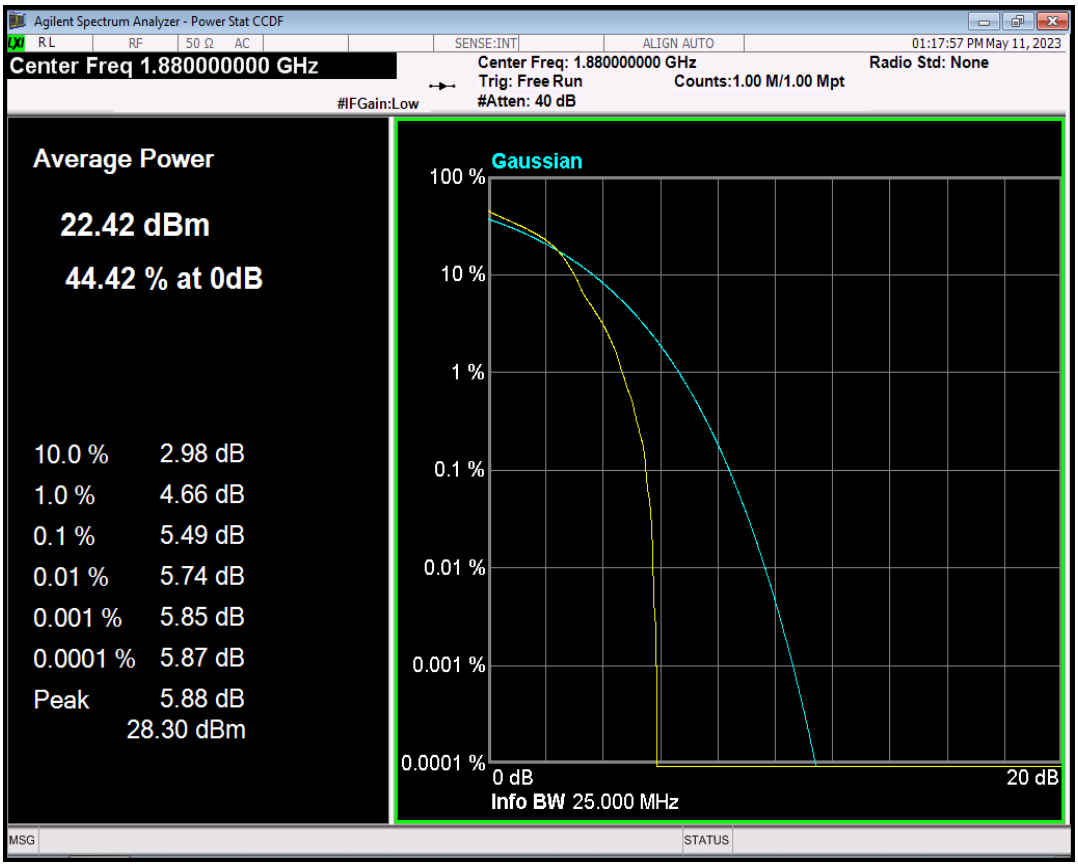
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



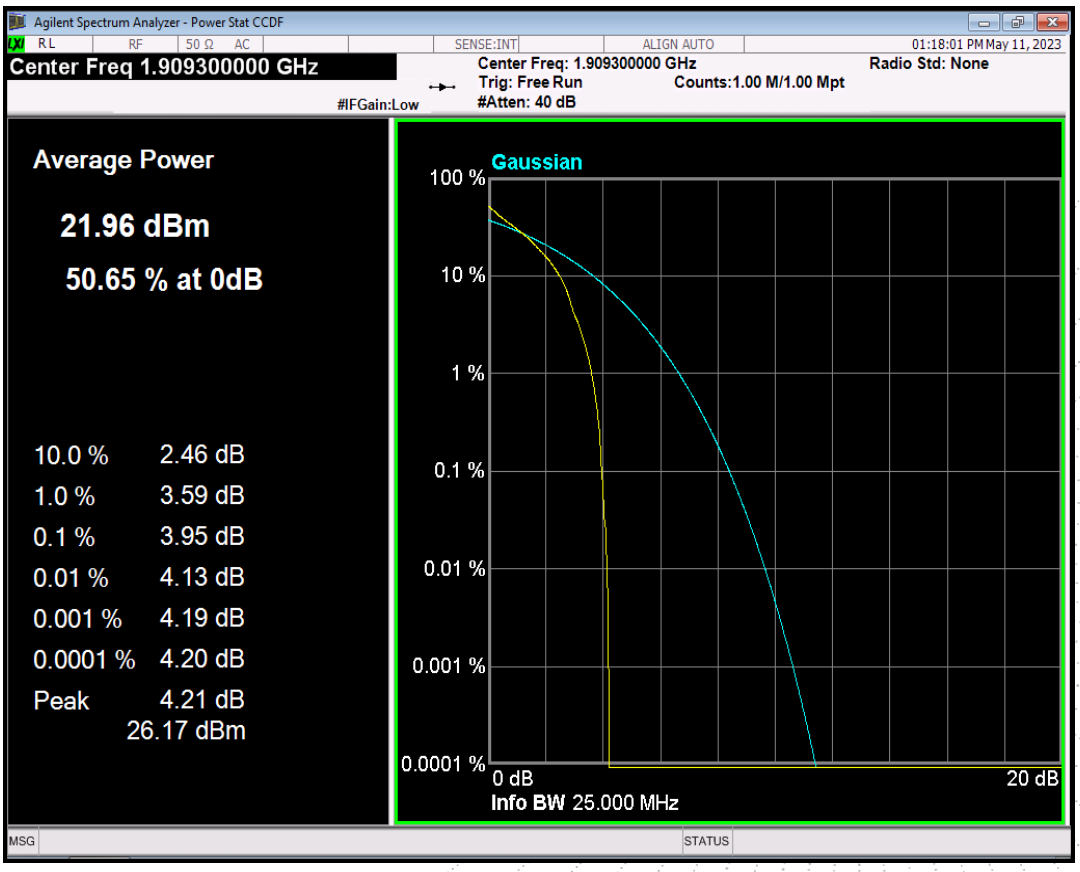
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



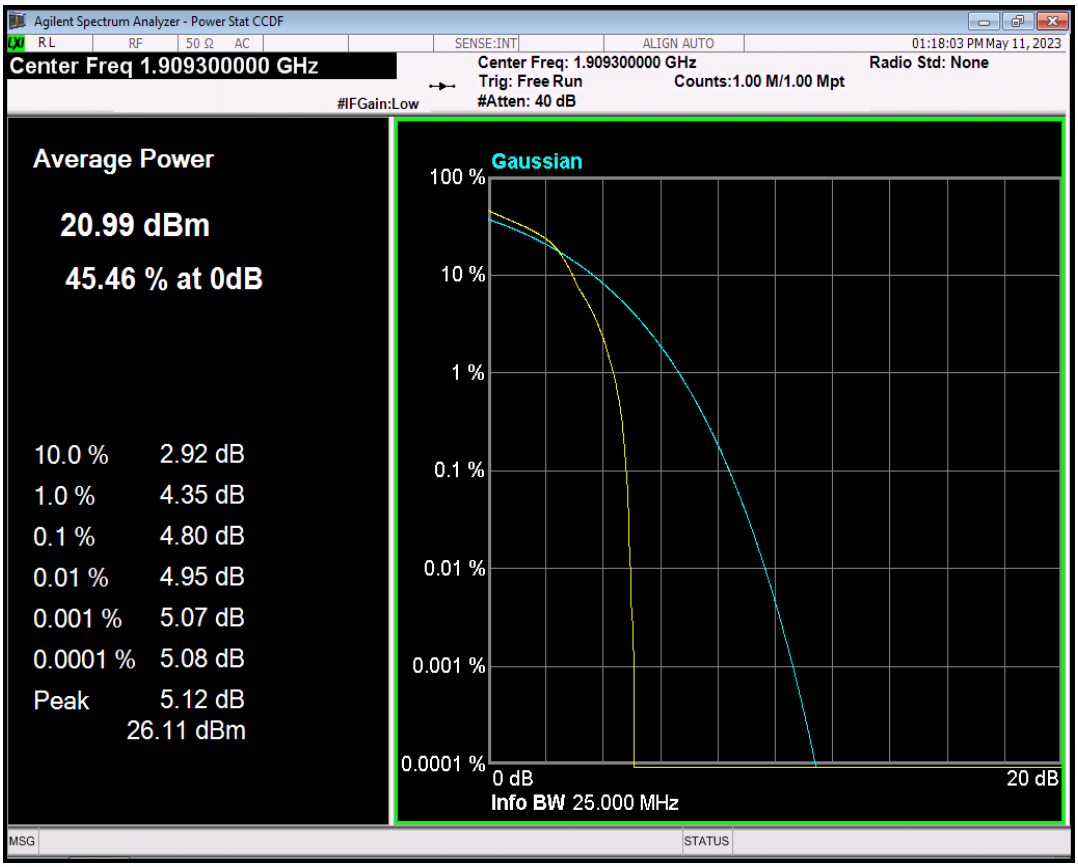
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



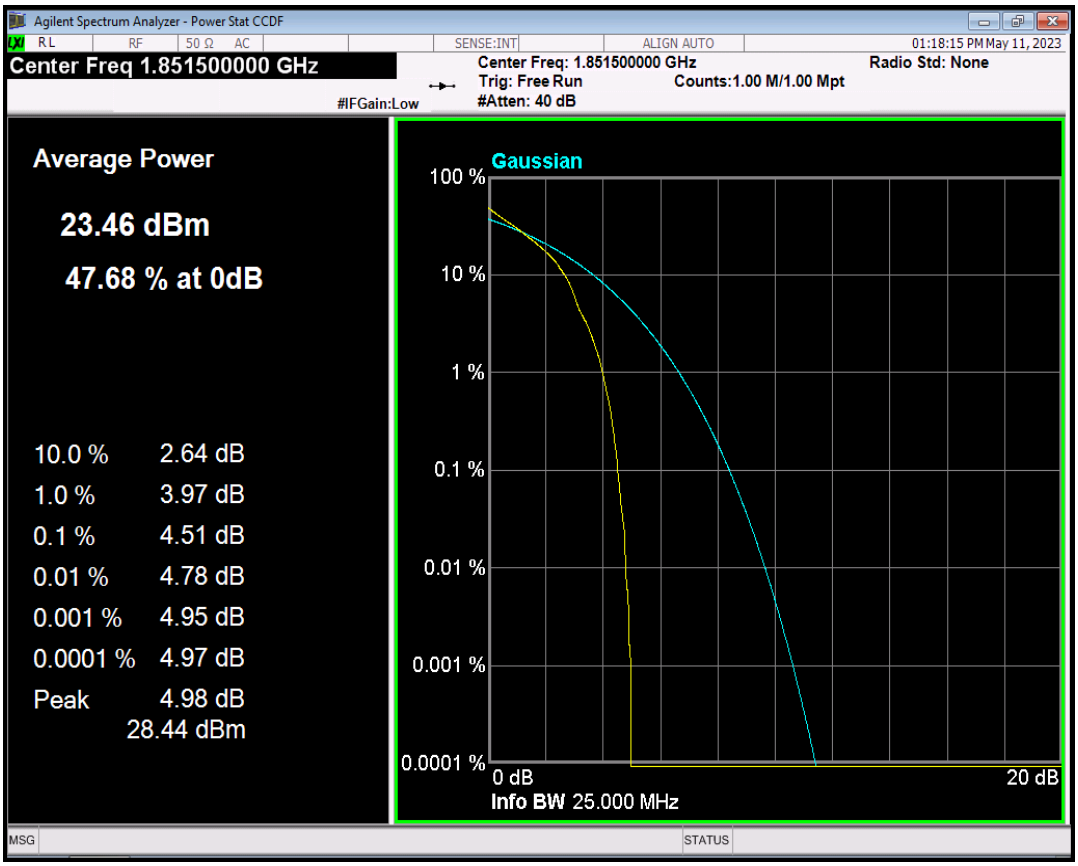
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



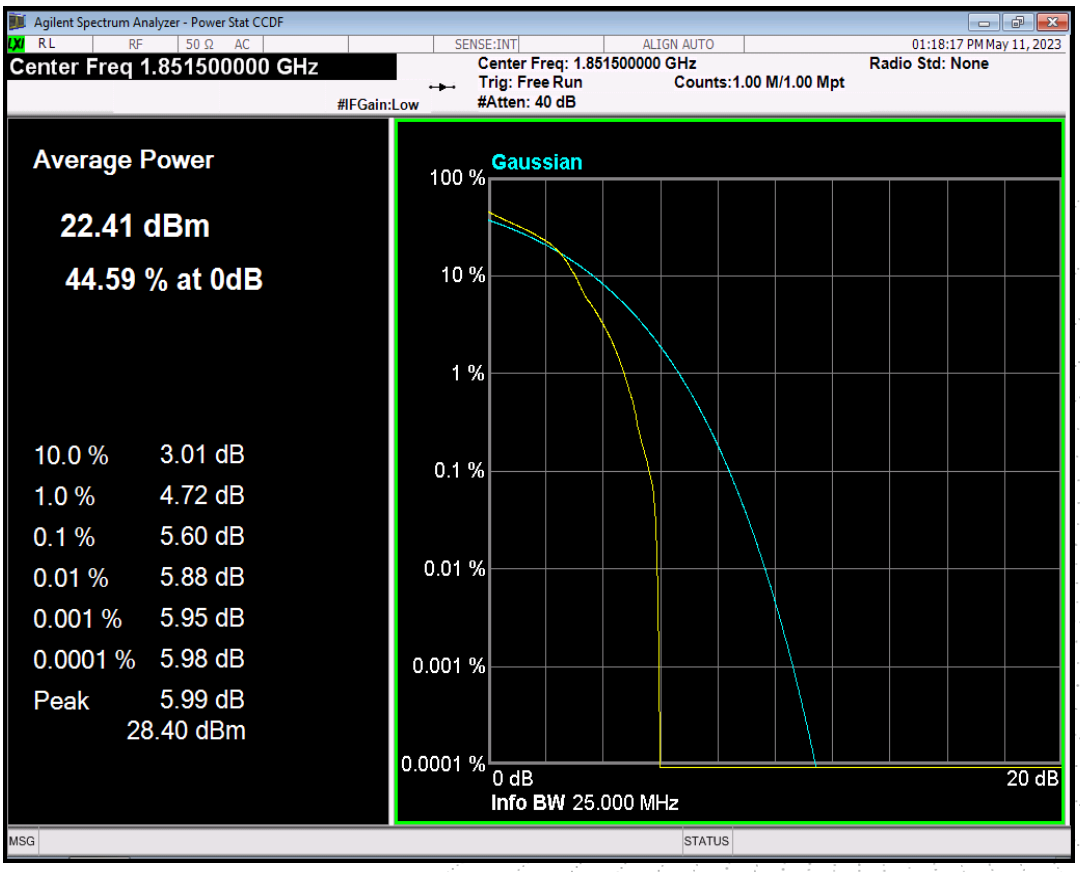
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



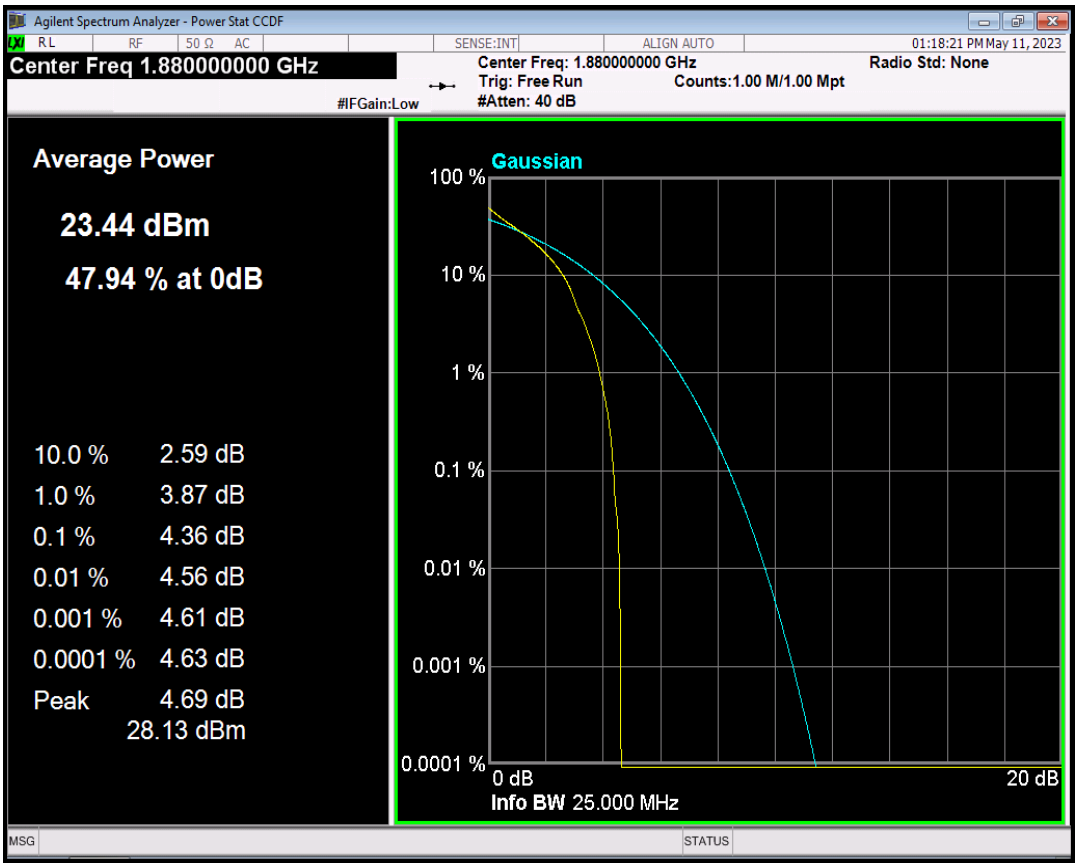
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



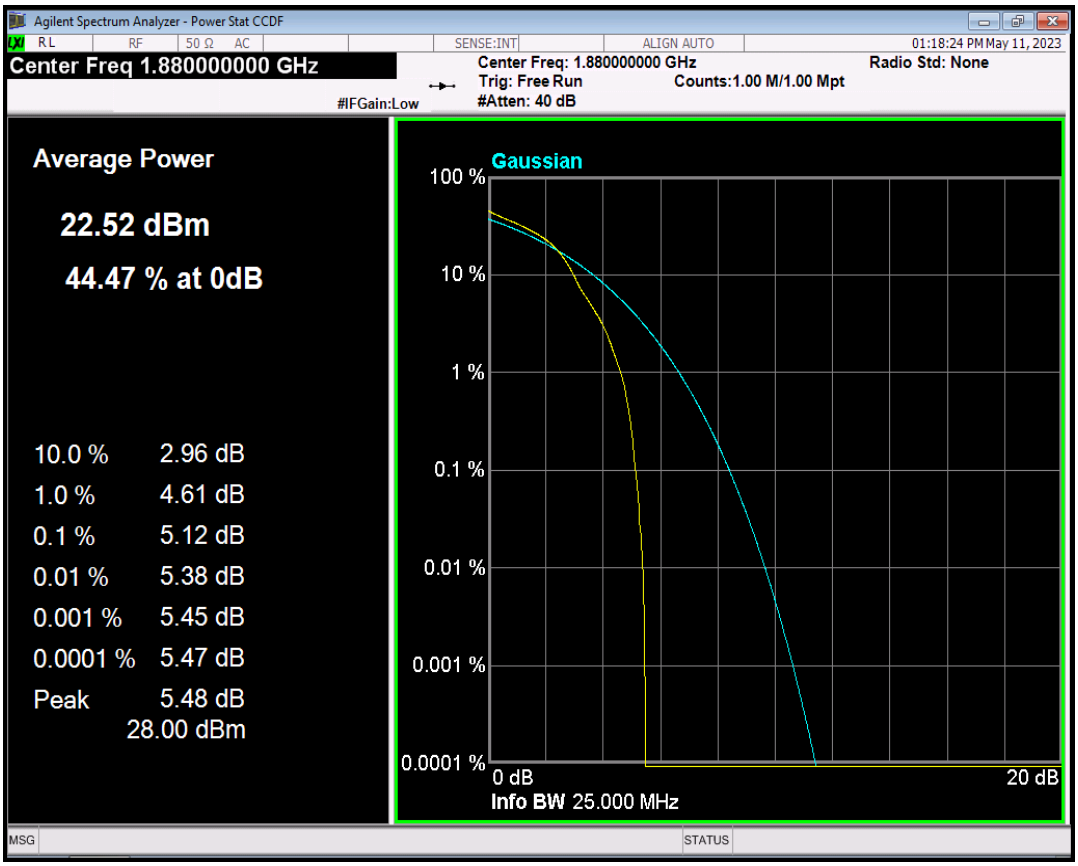
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



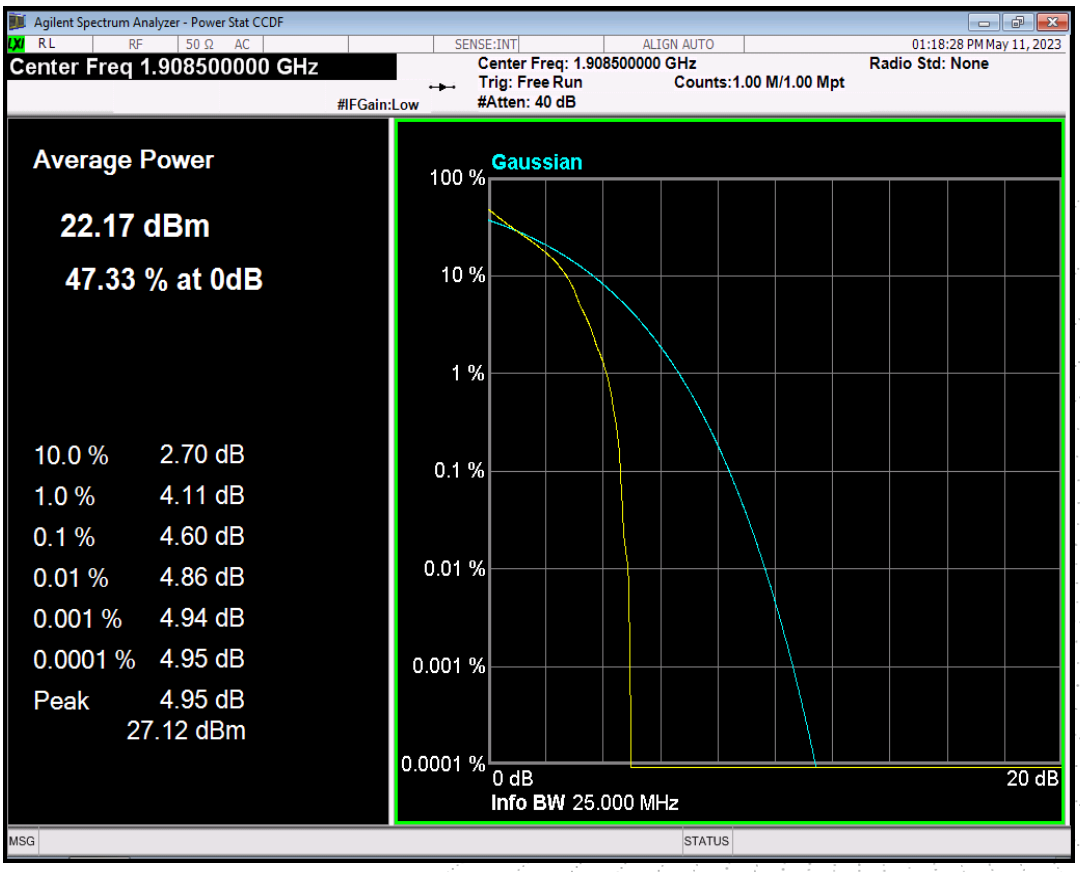
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



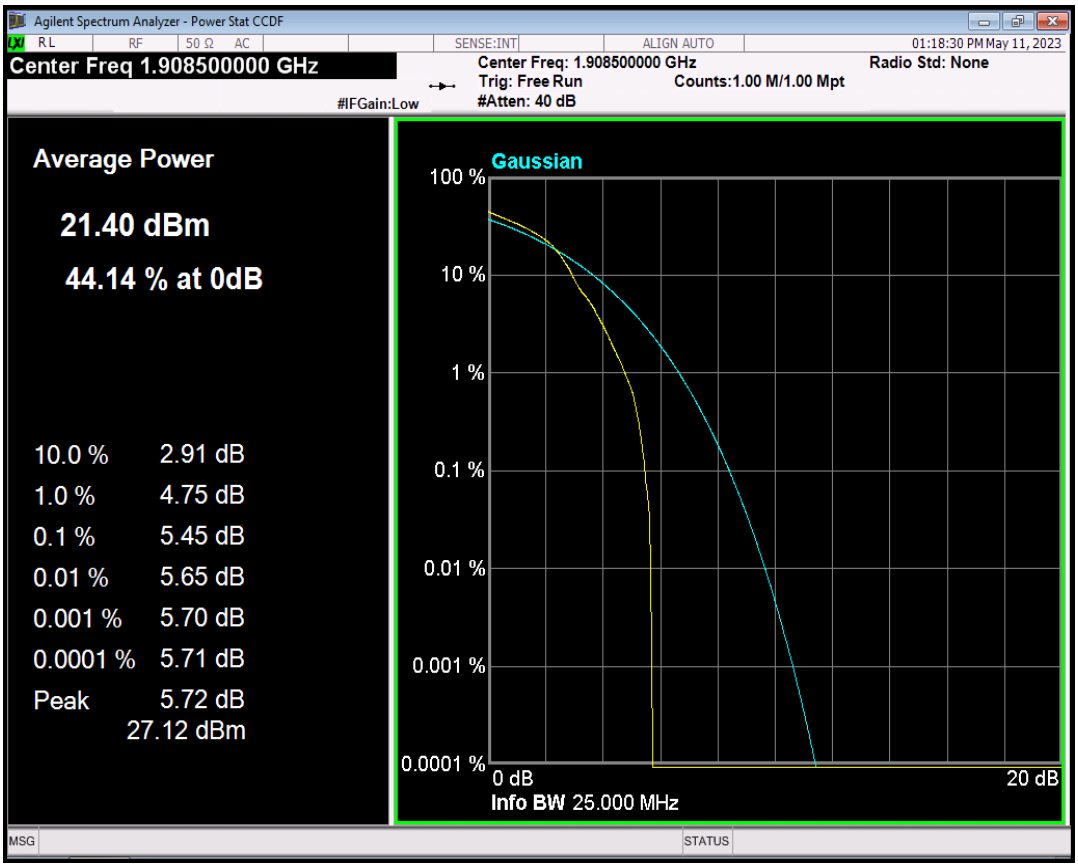
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



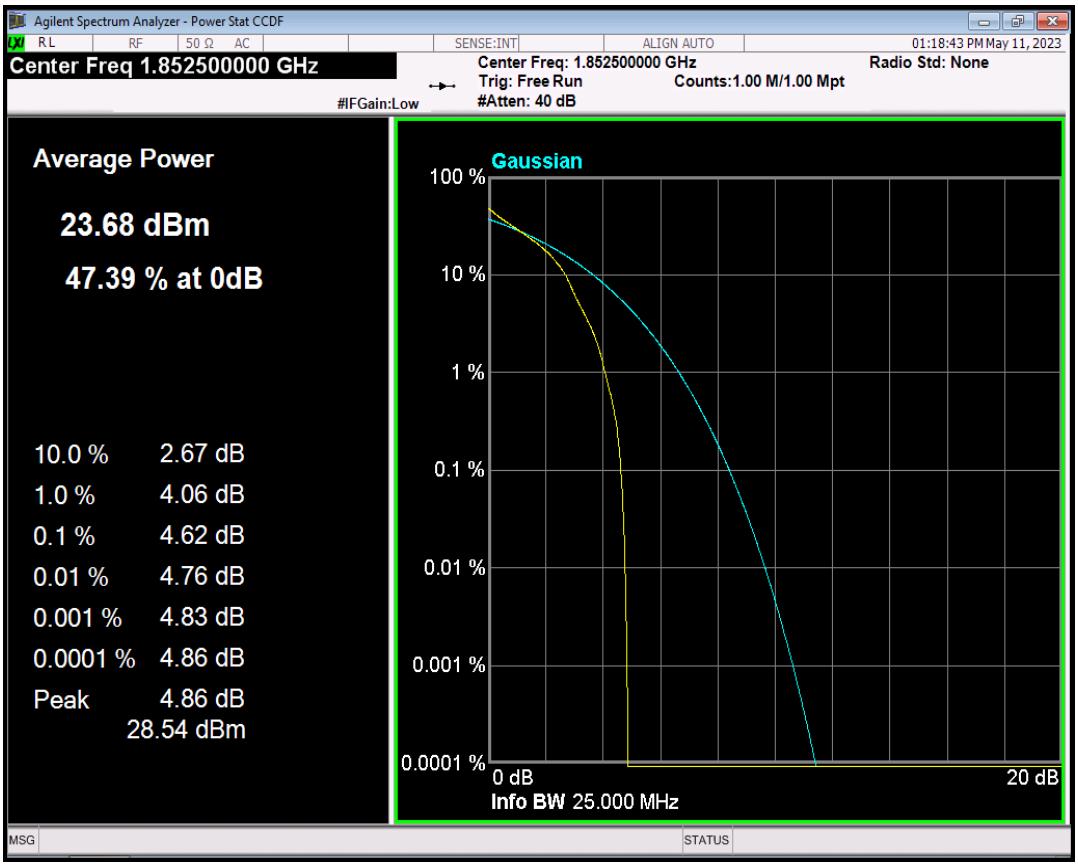
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



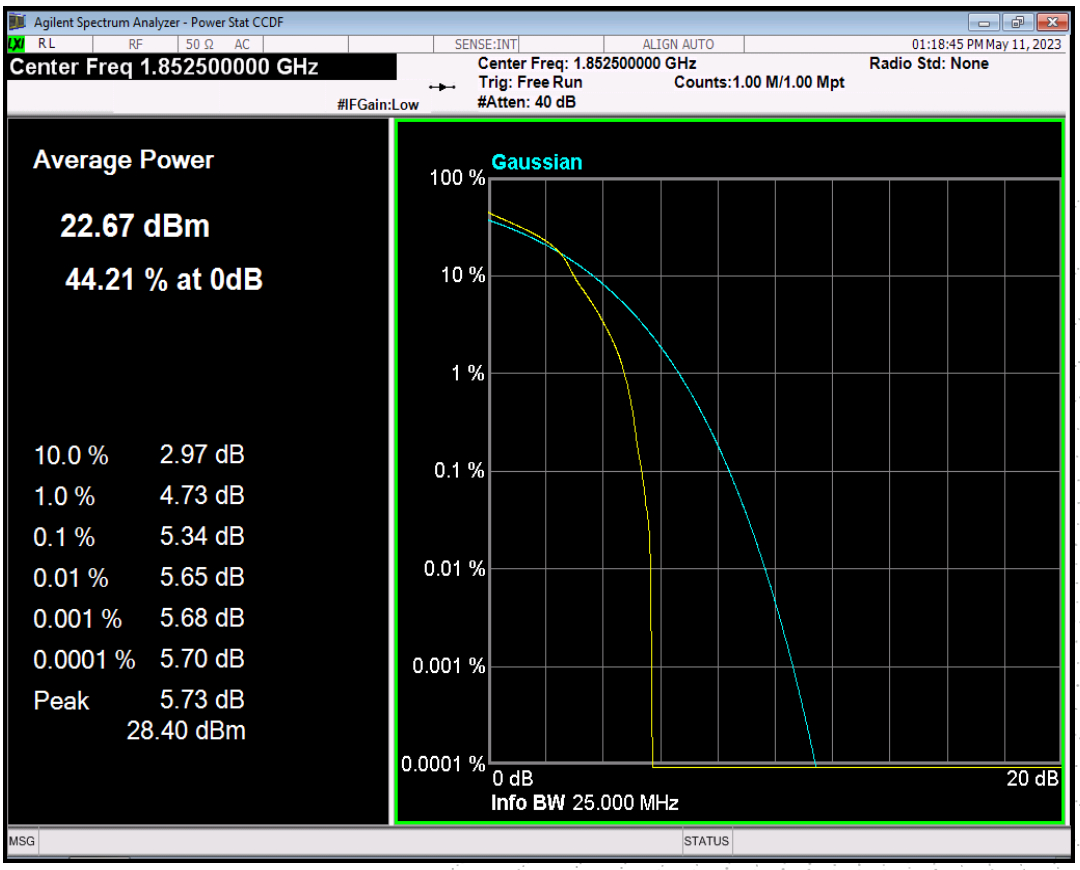
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



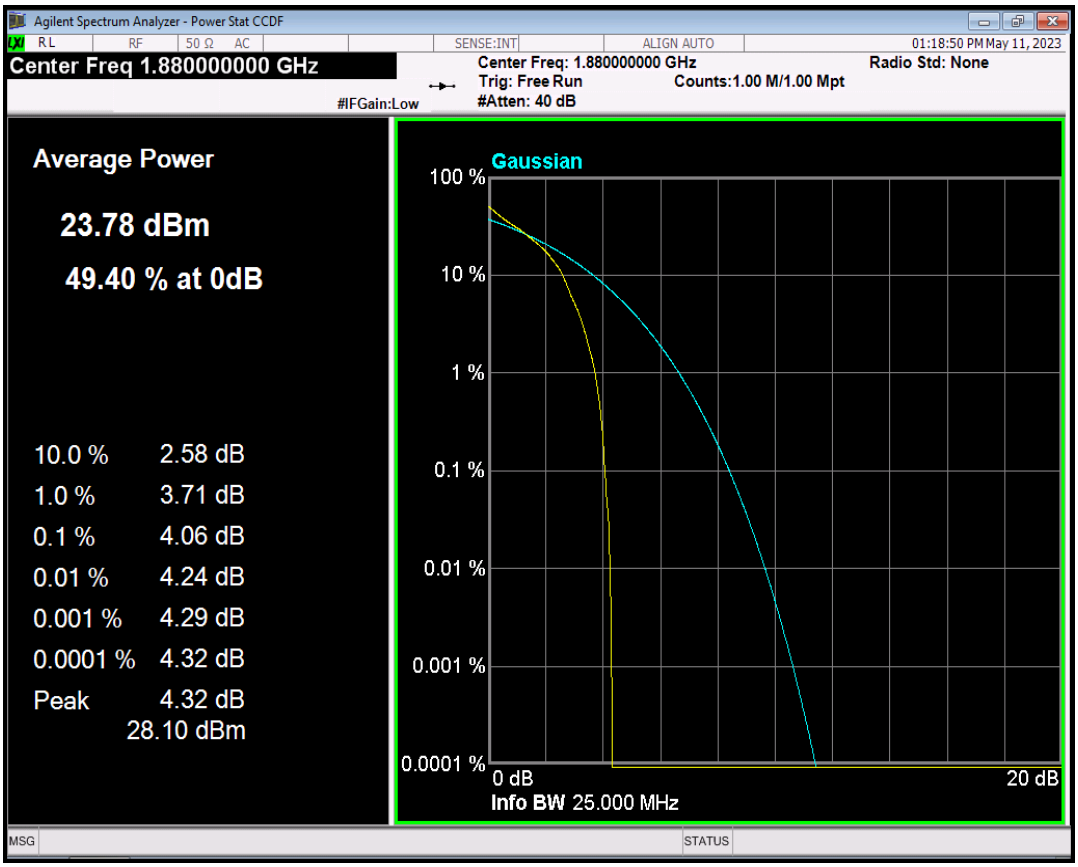
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



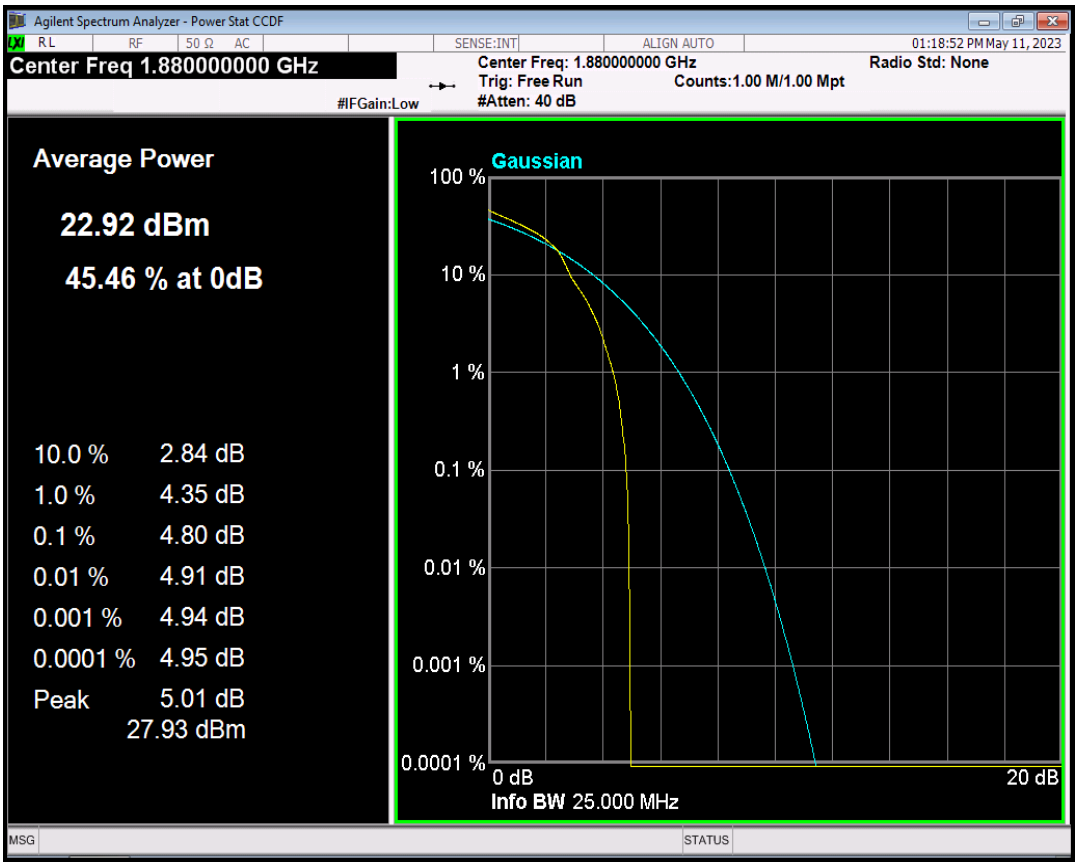
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



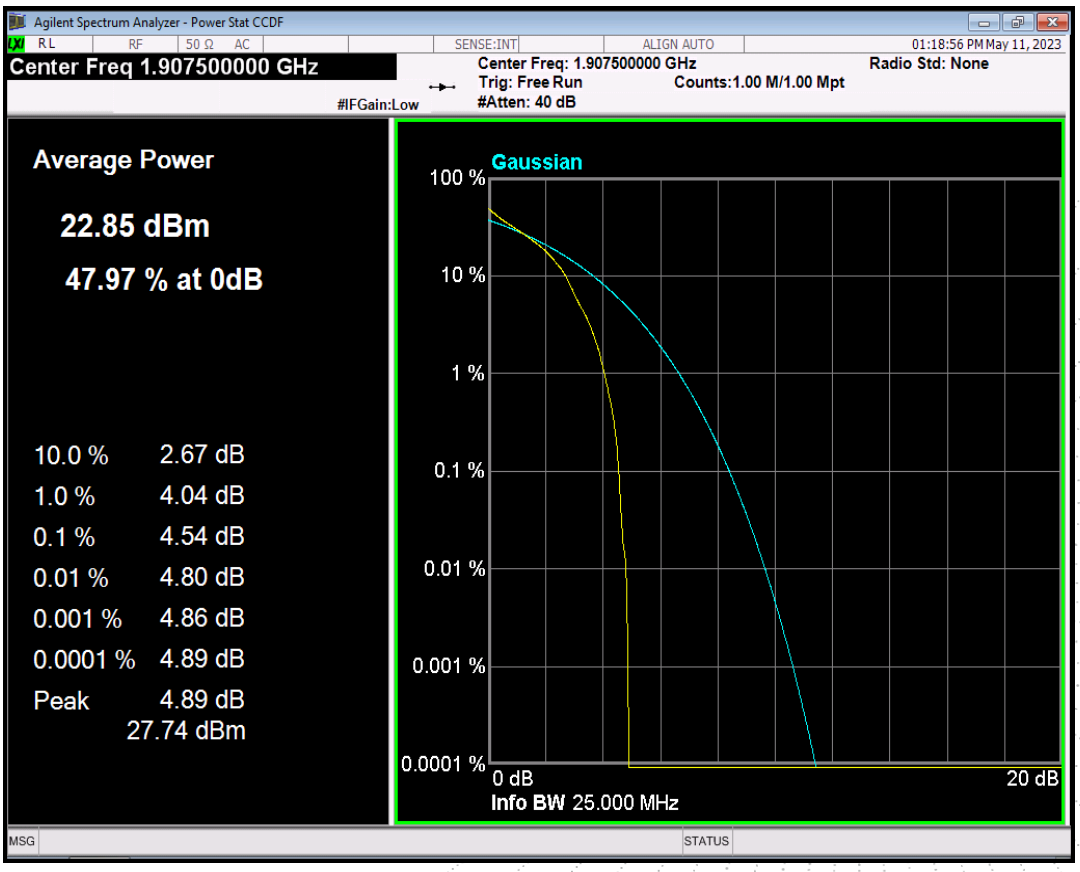
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



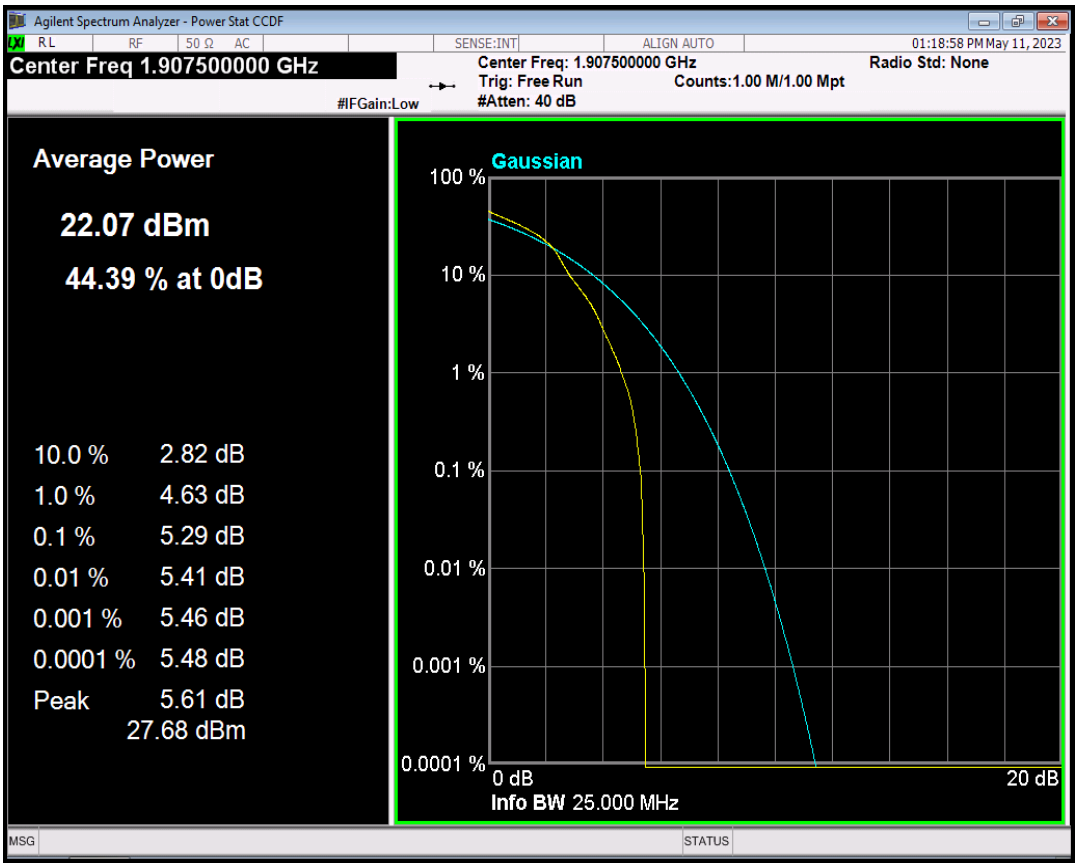
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



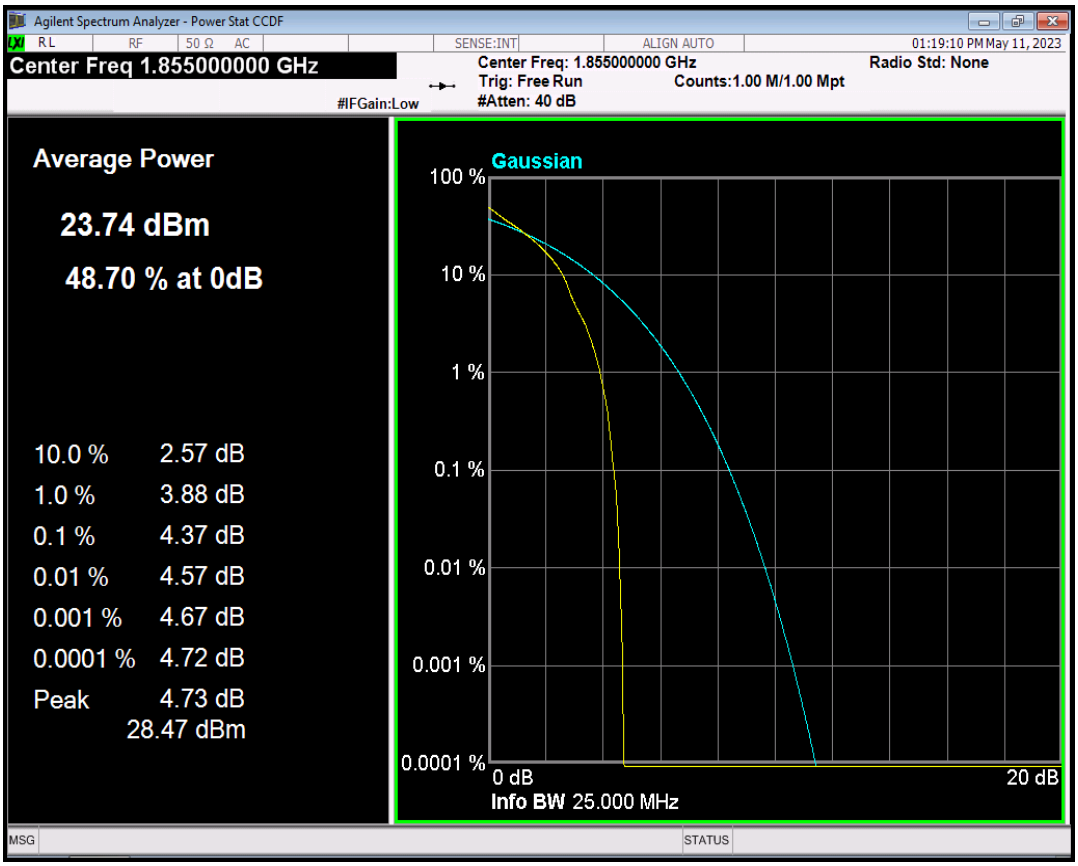
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



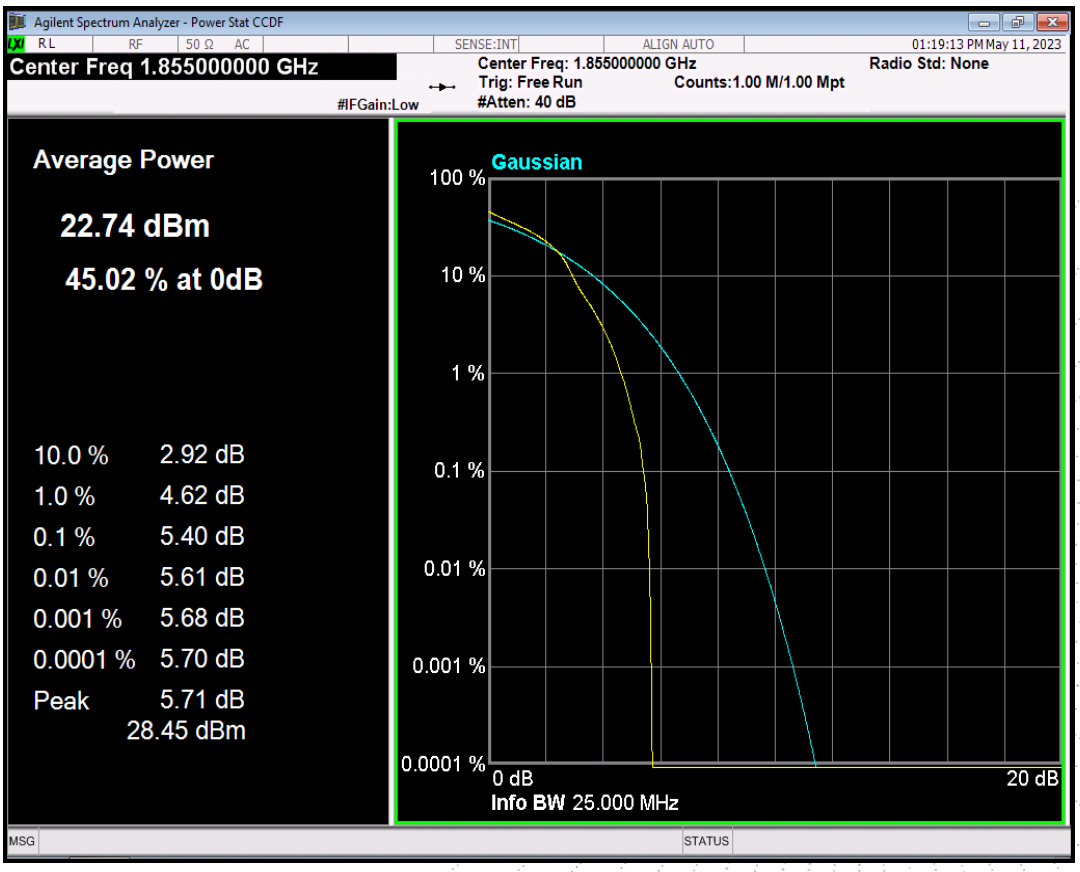
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



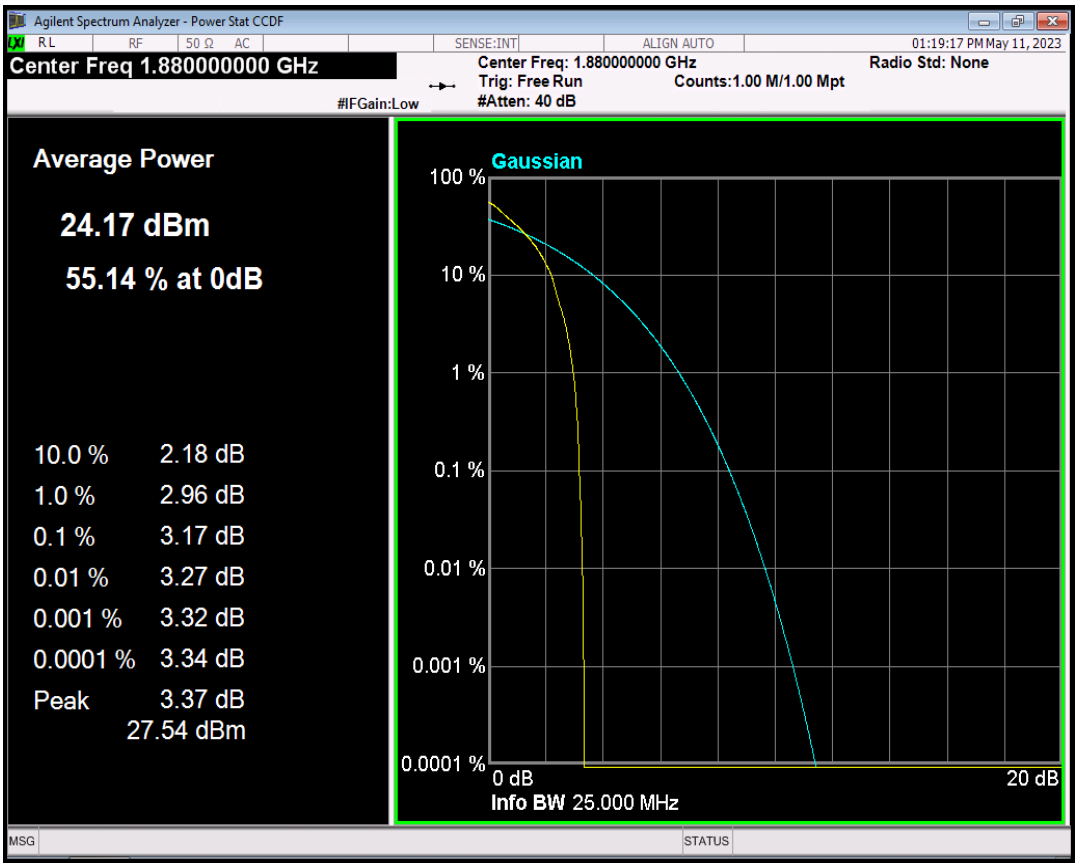
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



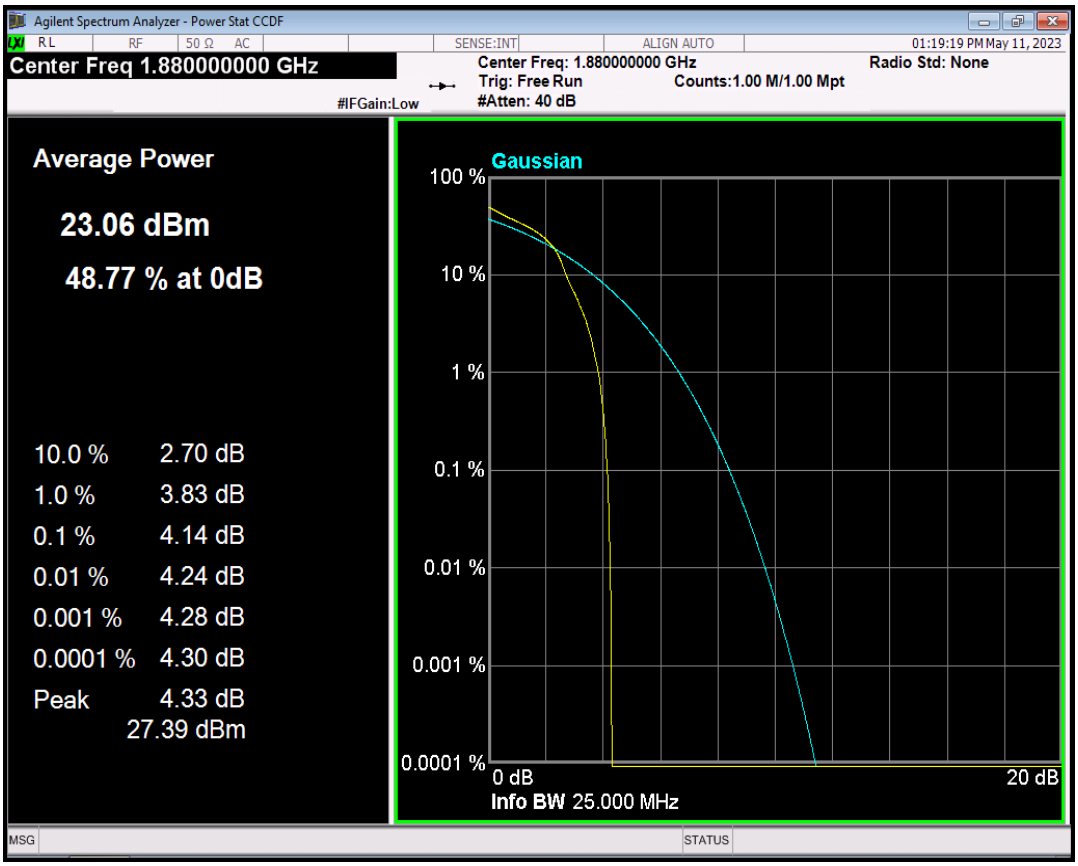
Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0



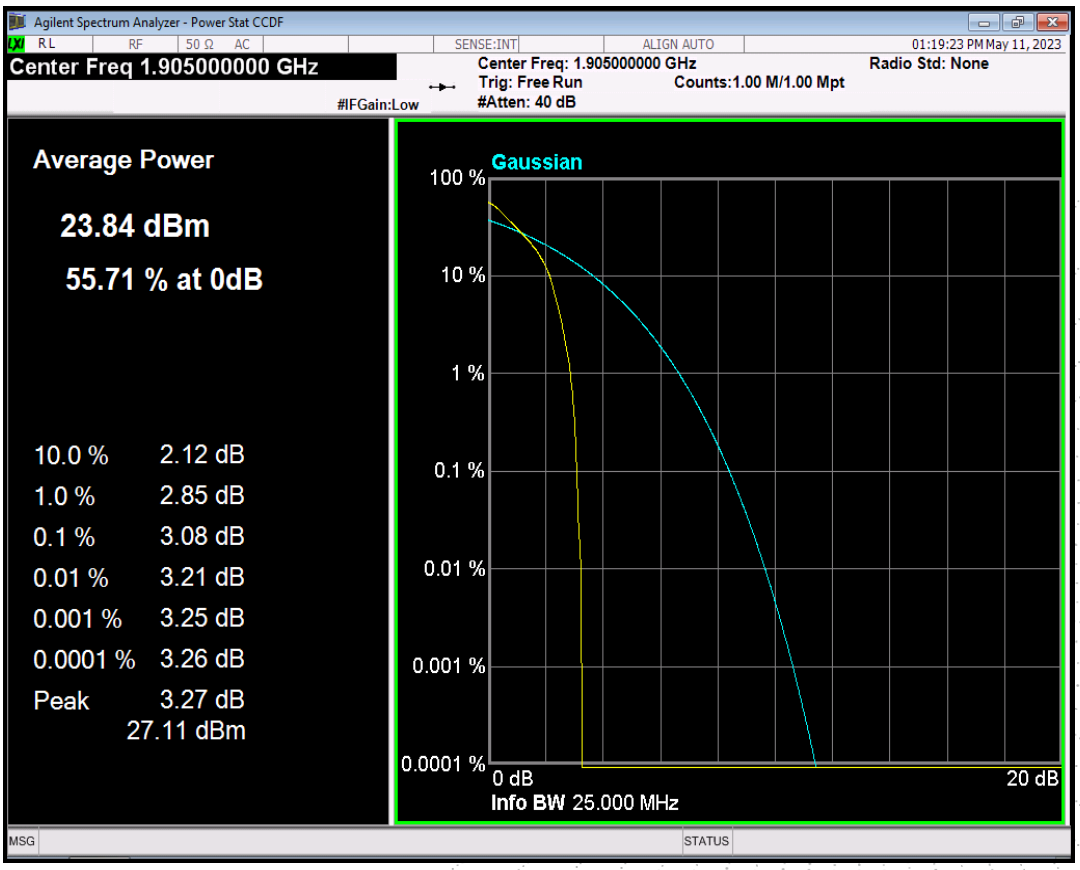
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



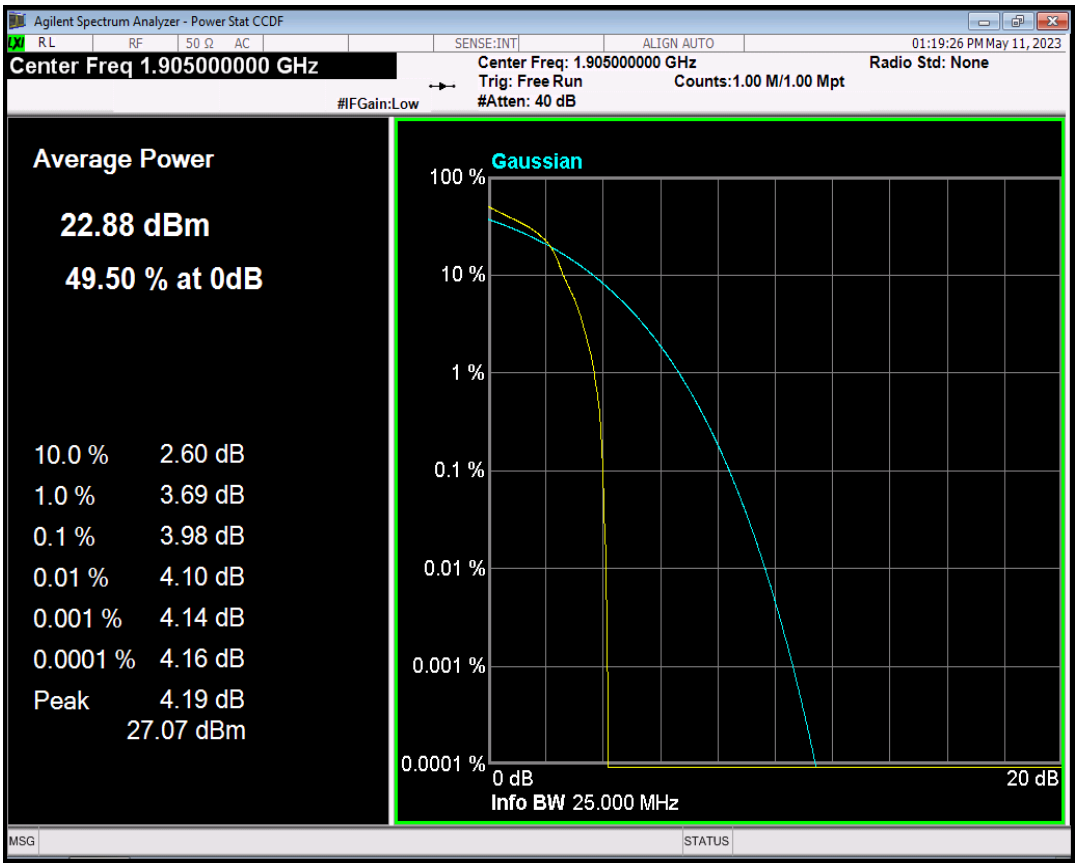
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



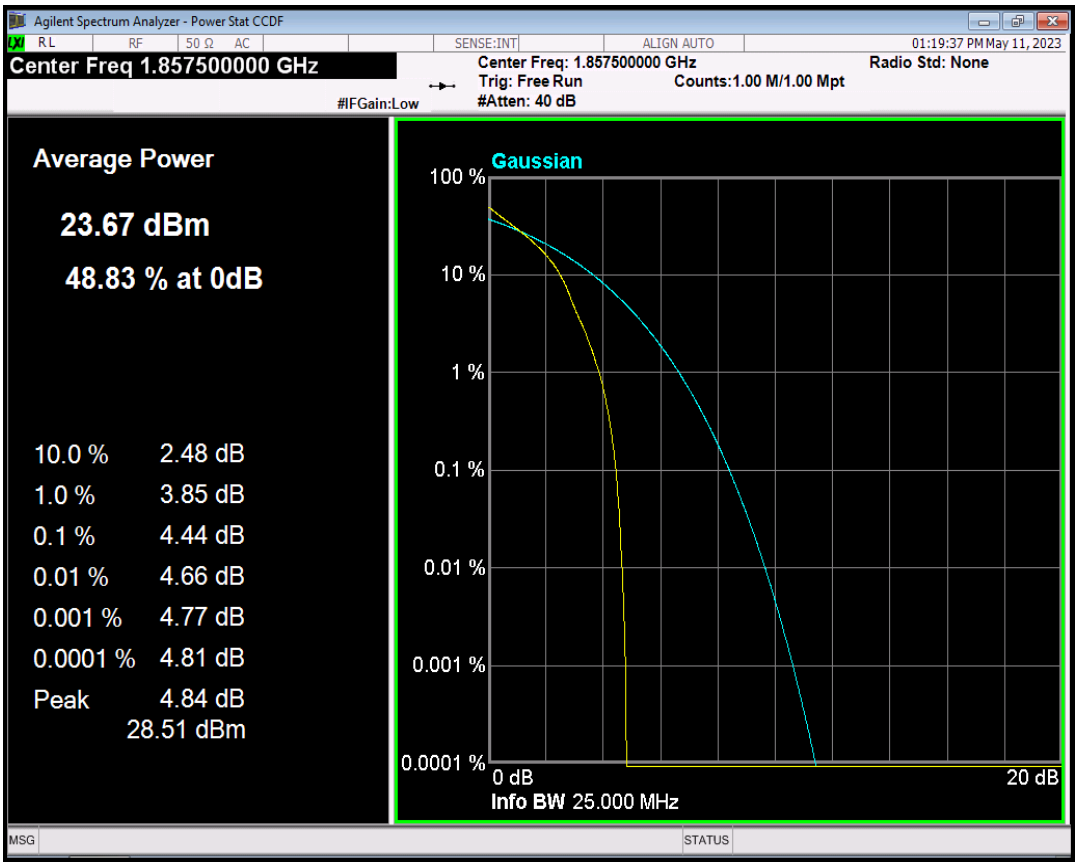
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



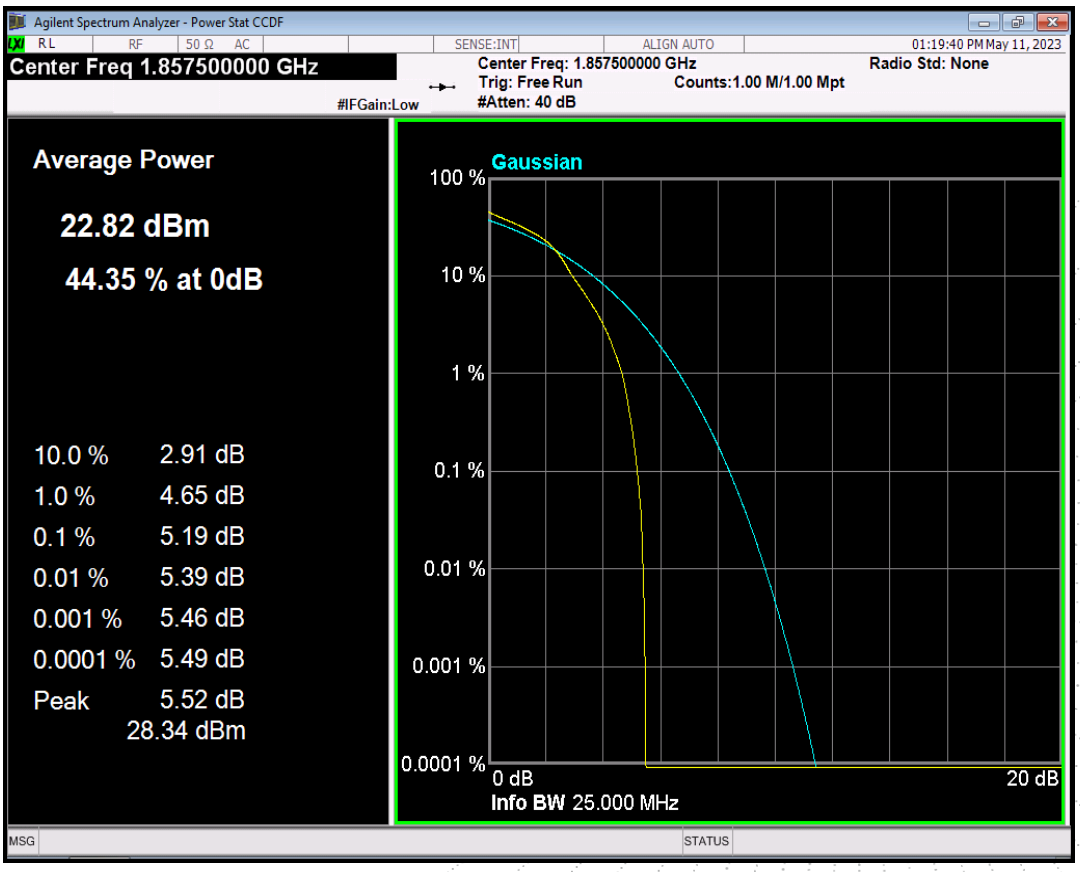
Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0



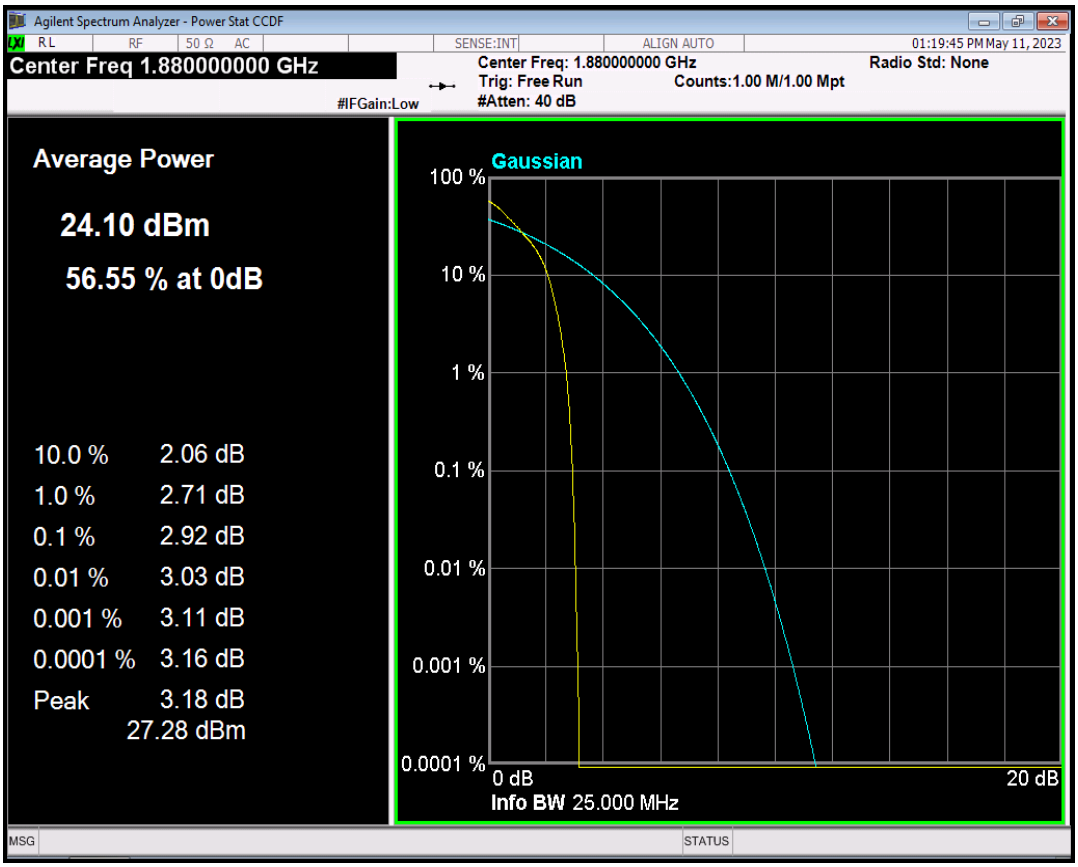
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



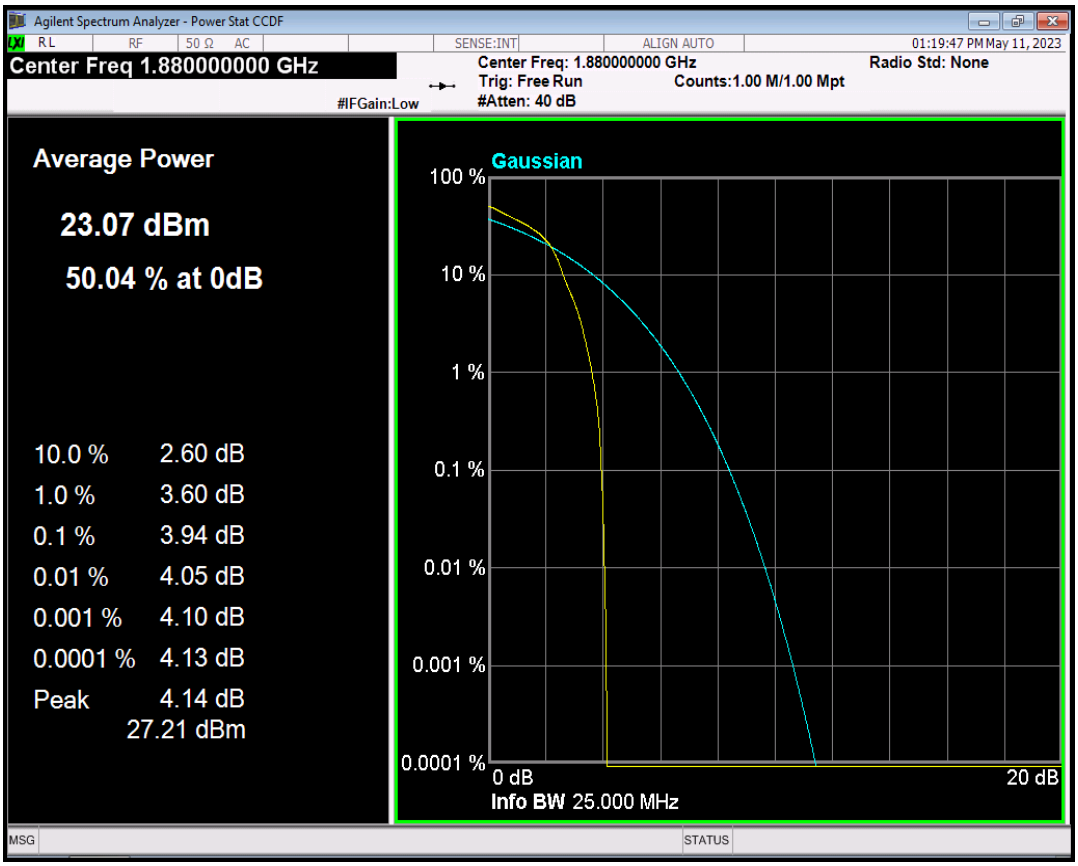
Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0



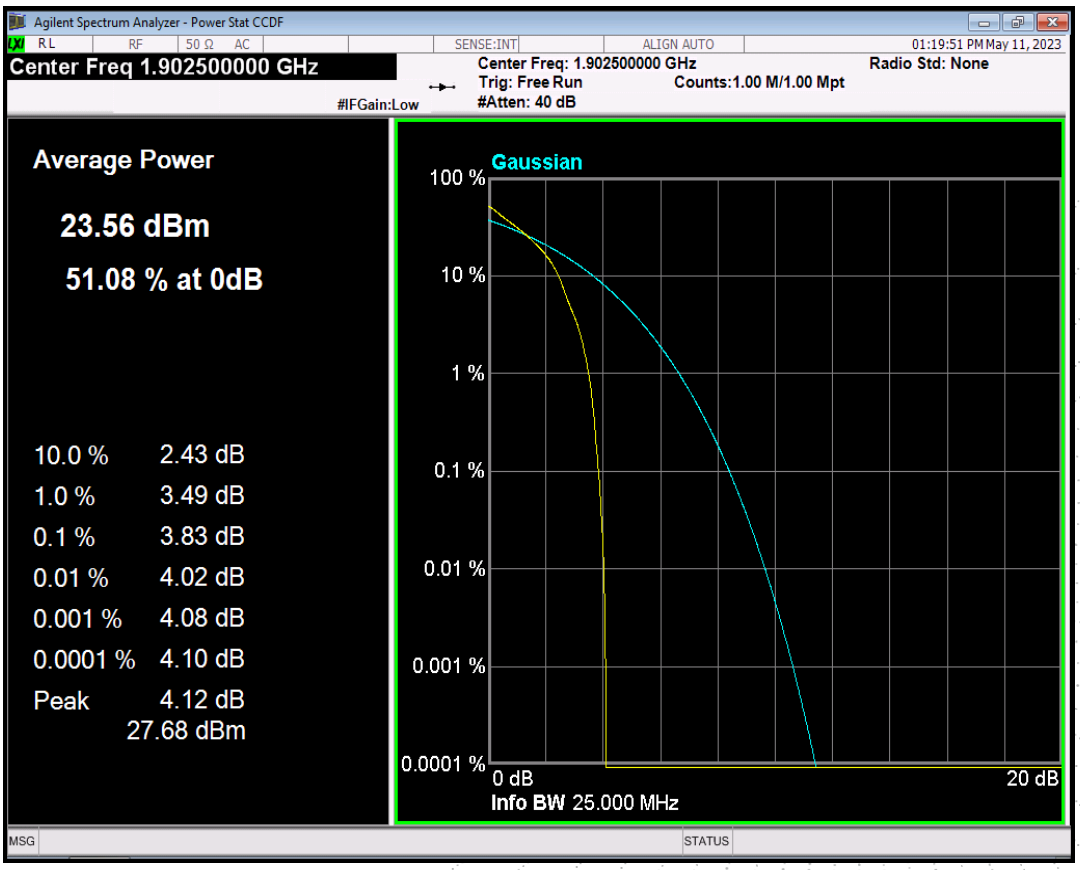
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



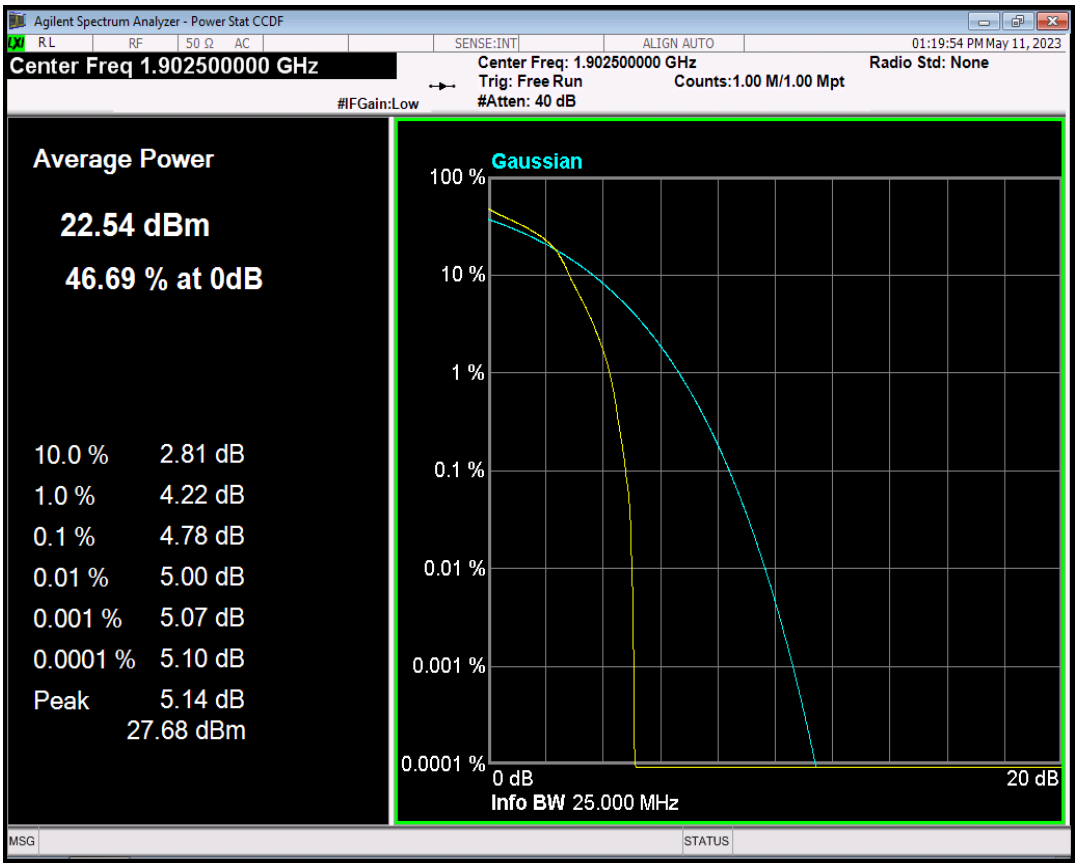
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



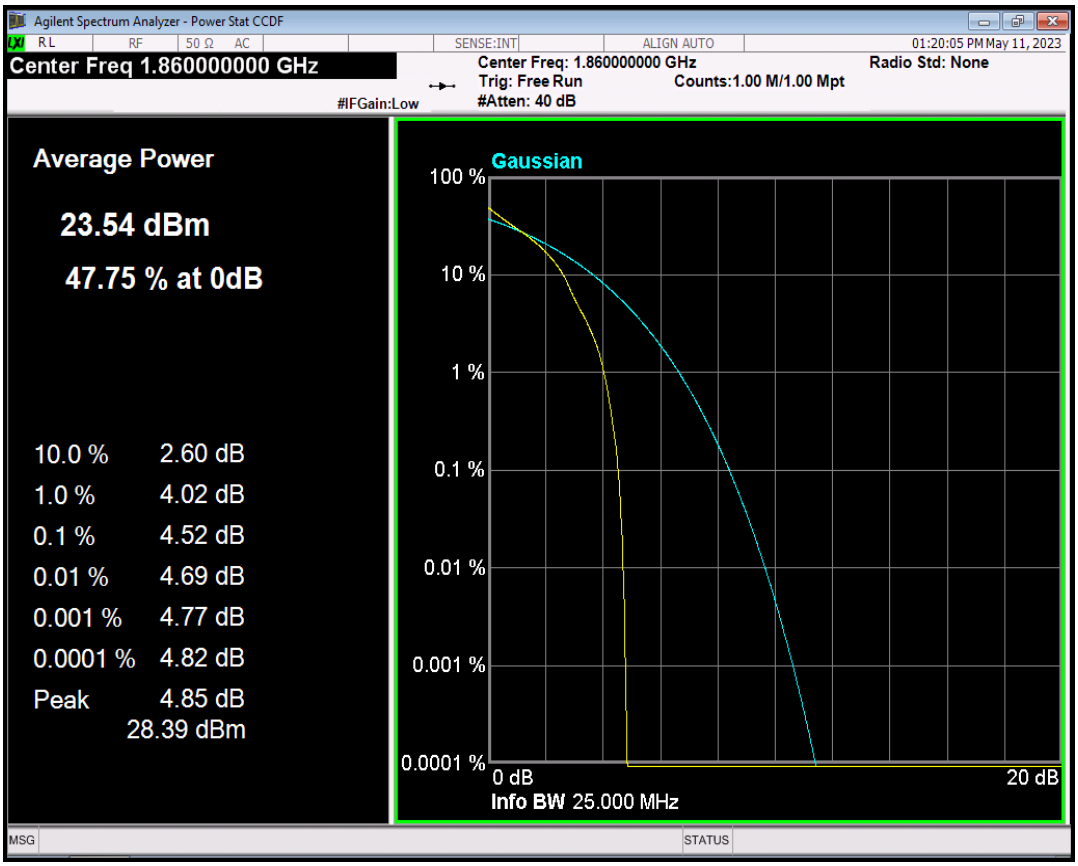
Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



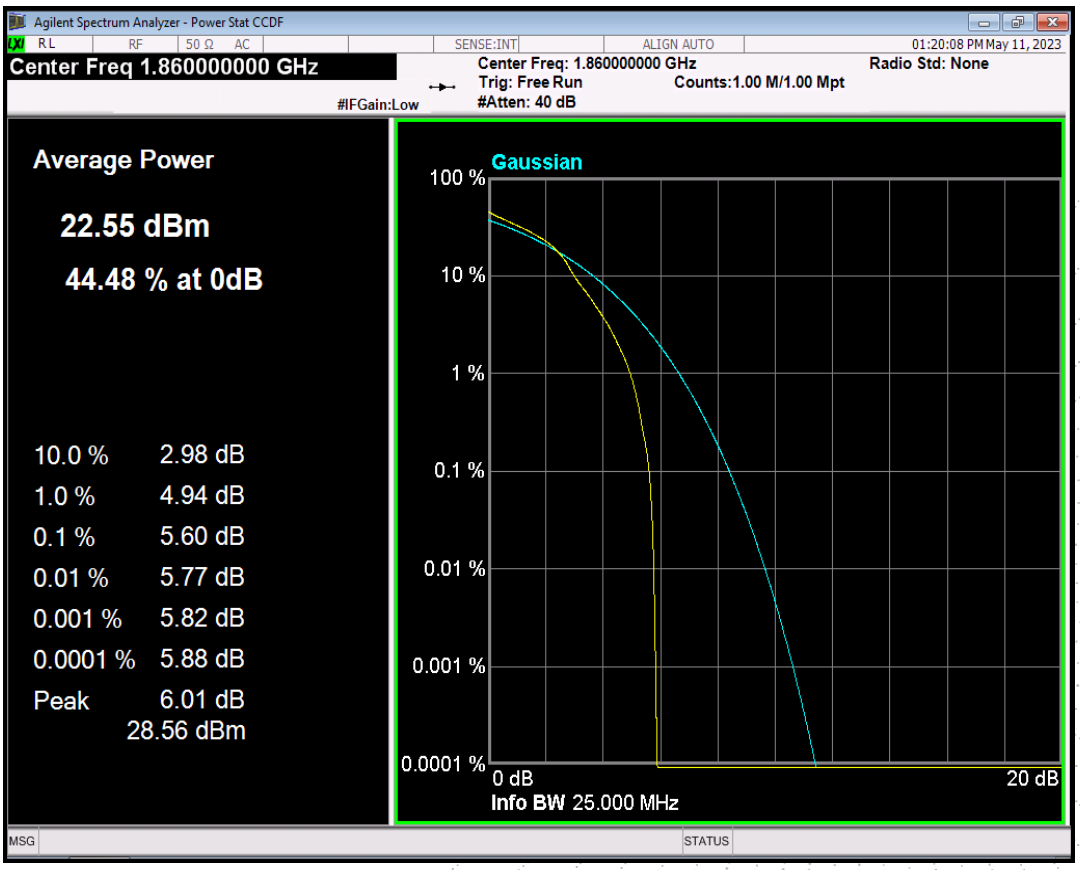
Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0



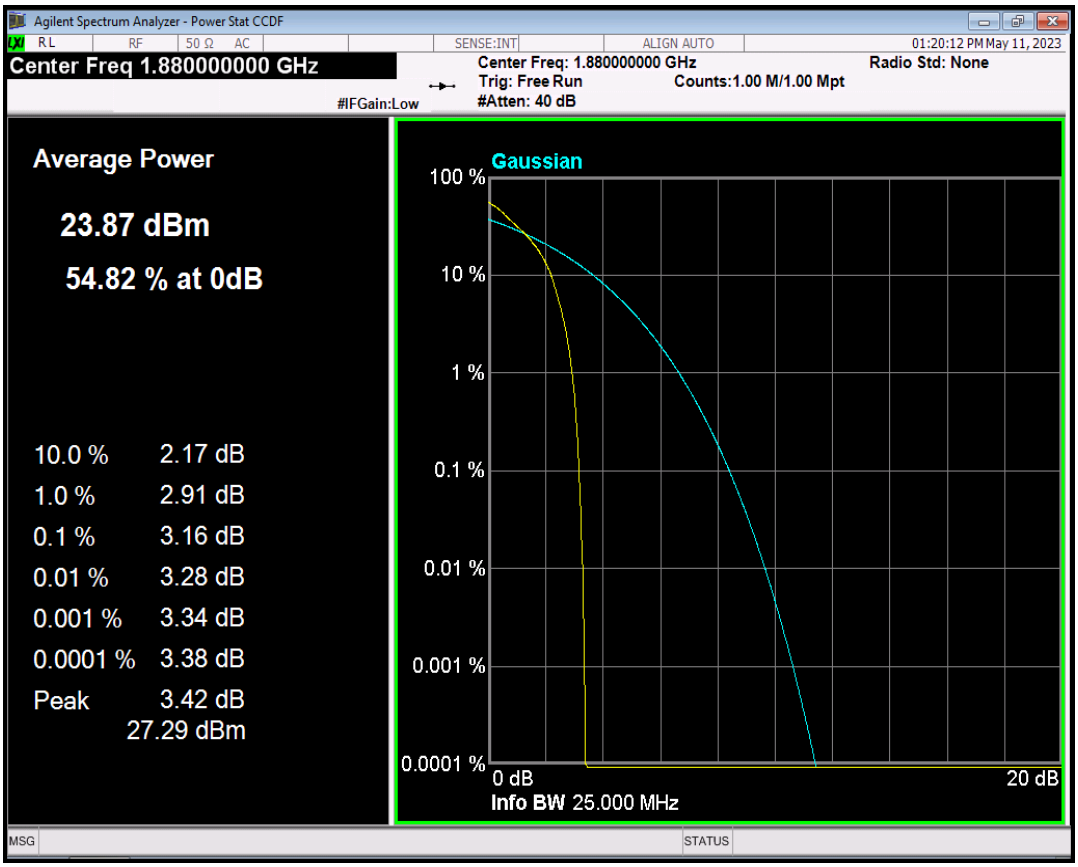
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



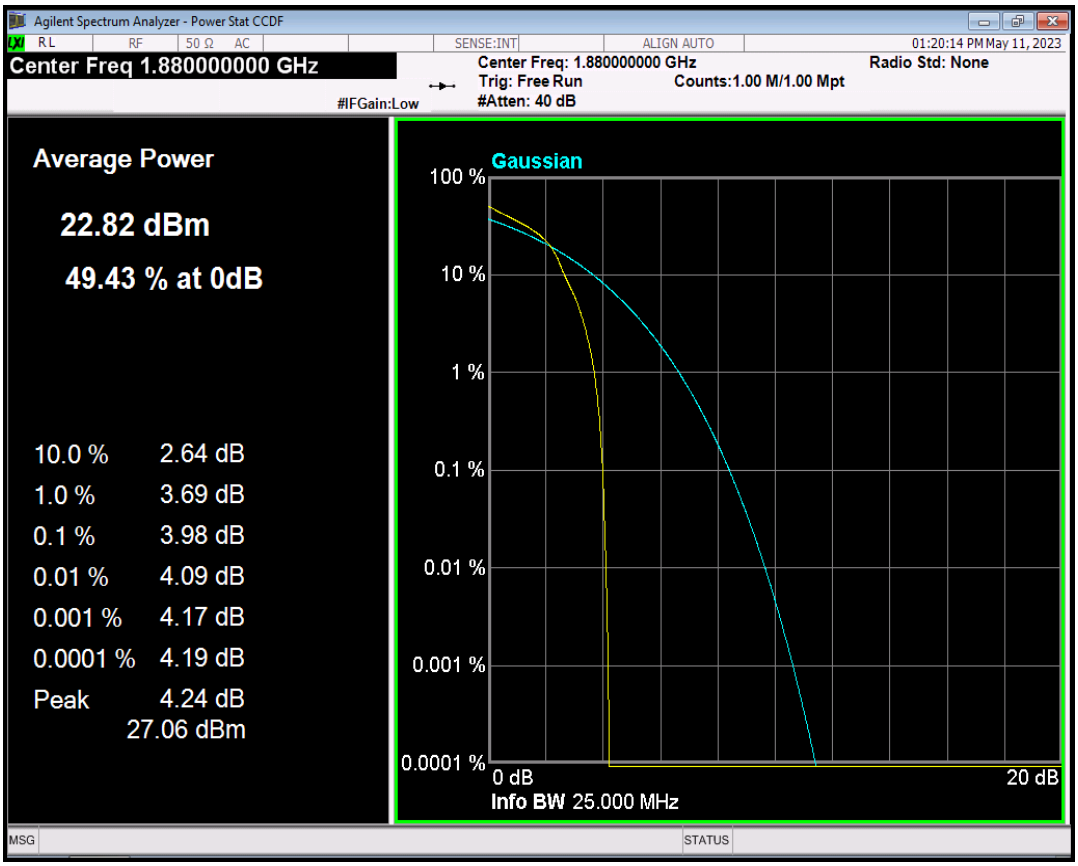
Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0



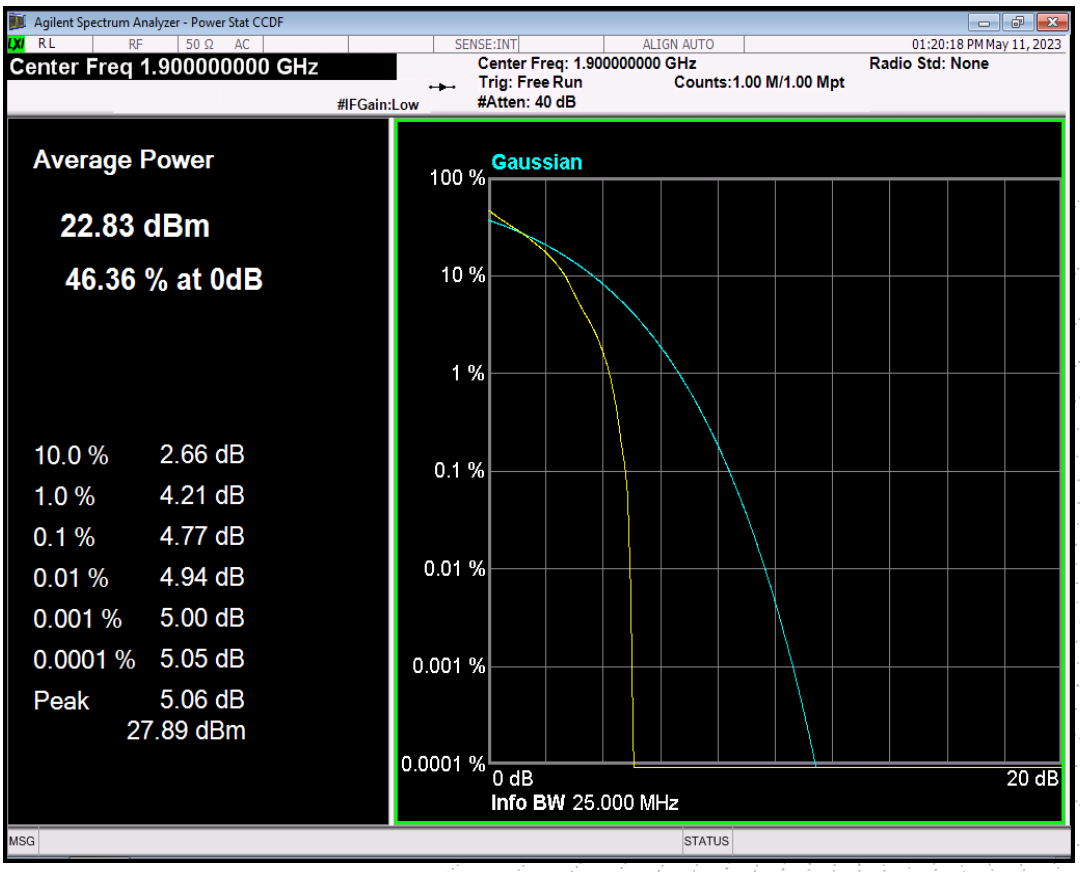
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



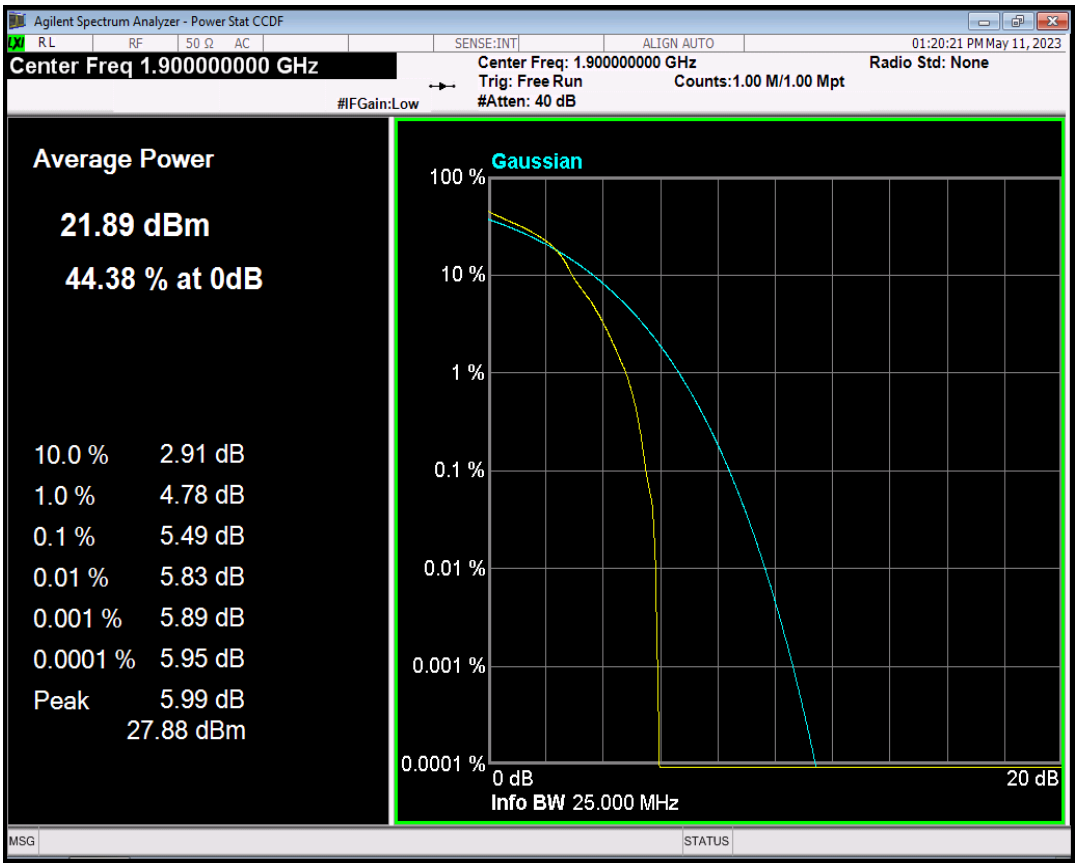
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



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



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

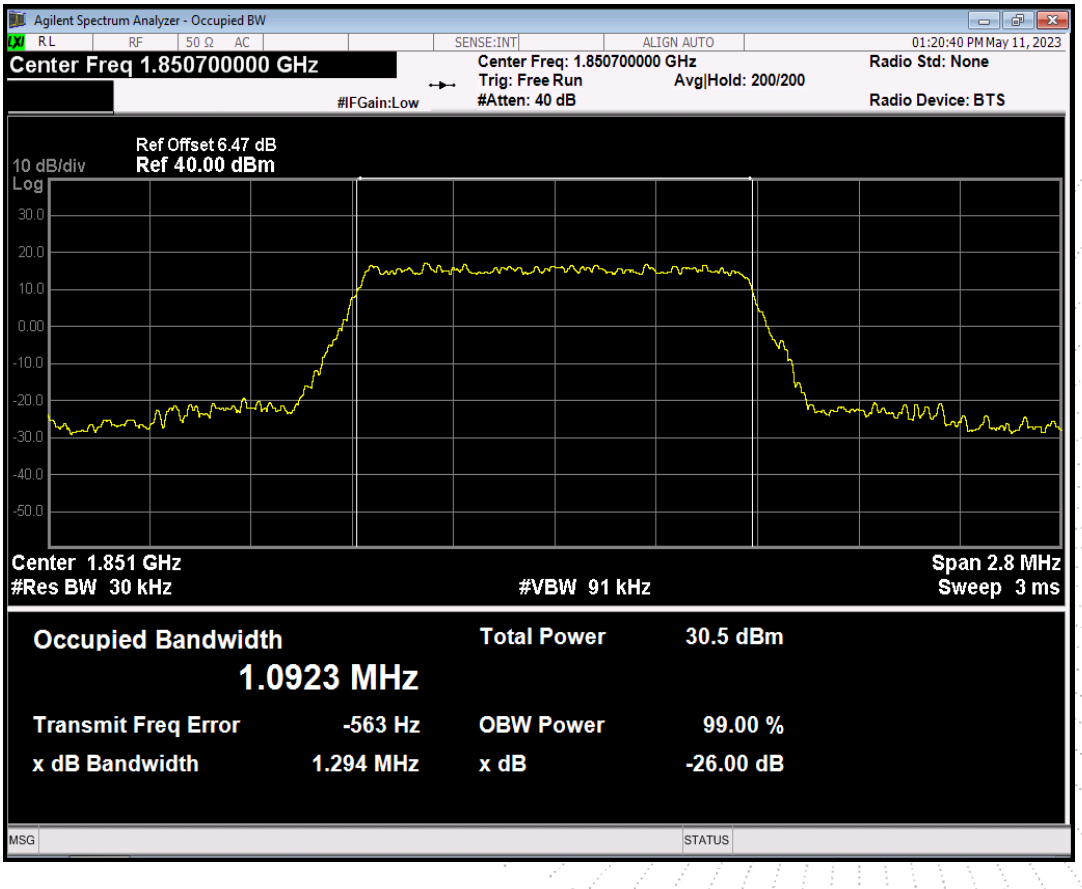


Appendix 4. Occupied bandwidth

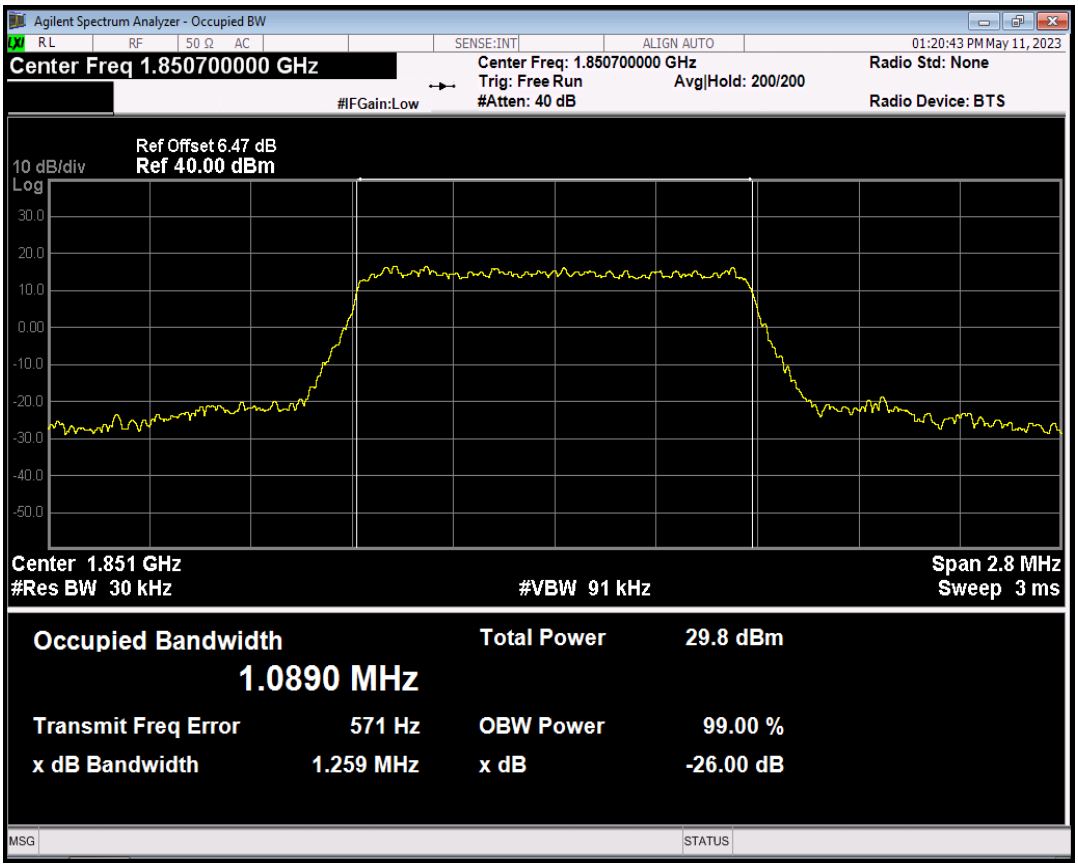
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.092	1.294	PASS
Band2	1.4	18607	6	#0	16QAM	1.089	1.259	PASS
Band2	1.4	18900	6	#0	QPSK	1.093	1.263	PASS
Band2	1.4	18900	6	#0	16QAM	1.098	1.276	PASS
Band2	1.4	19193	6	#0	QPSK	1.098	1.283	PASS
Band2	1.4	19193	6	#0	16QAM	1.100	1.294	PASS
Band2	3	18615	15	#0	QPSK	2.697	2.960	PASS
Band2	3	18615	15	#0	16QAM	2.682	2.954	PASS
Band2	3	18900	15	#0	QPSK	2.690	2.968	PASS
Band2	3	18900	15	#0	16QAM	2.694	2.992	PASS
Band2	3	19185	15	#0	QPSK	2.681	2.981	PASS
Band2	3	19185	15	#0	16QAM	2.694	2.964	PASS
Band2	5	18625	25	#0	QPSK	4.503	4.890	PASS
Band2	5	18625	25	#0	16QAM	4.513	4.925	PASS
Band2	5	18900	25	#0	QPSK	4.511	4.894	PASS
Band2	5	18900	25	#0	16QAM	4.509	4.869	PASS

Band2	5	19175	25	#0	QPSK	4.514	4.931	PASS
Band2	5	19175	25	#0	16QAM	4.511	4.869	PASS
Band2	10	18650	50	#0	QPSK	8.943	9.644	PASS
Band2	10	18650	50	#0	16QAM	8.982	9.666	PASS
Band2	10	18900	50	#0	QPSK	8.981	9.752	PASS
Band2	10	18900	50	#0	16QAM	8.984	9.721	PASS
Band2	10	19150	50	#0	QPSK	8.986	9.710	PASS
Band2	10	19150	50	#0	16QAM	9.003	9.714	PASS
Band2	15	18675	75	#0	QPSK	13.471	14.658	PASS
Band2	15	18675	75	#0	16QAM	13.456	14.440	PASS
Band2	15	18900	75	#0	QPSK	13.474	14.512	PASS
Band2	15	18900	75	#0	16QAM	13.454	14.556	PASS
Band2	15	19125	75	#0	QPSK	13.456	14.427	PASS
Band2	15	19125	75	#0	16QAM	13.461	14.358	PASS
Band2	20	18700	100	#0	QPSK	17.919	19.347	PASS
Band2	20	18700	100	#0	16QAM	17.981	19.386	PASS
Band2	20	18900	100	#0	QPSK	17.965	19.303	PASS
Band2	20	18900	100	#0	16QAM	17.954	19.173	PASS
Band2	20	19100	100	#0	QPSK	17.955	19.204	PASS
Band2	20	19100	100	#0	16QAM	17.897	19.252	PASS

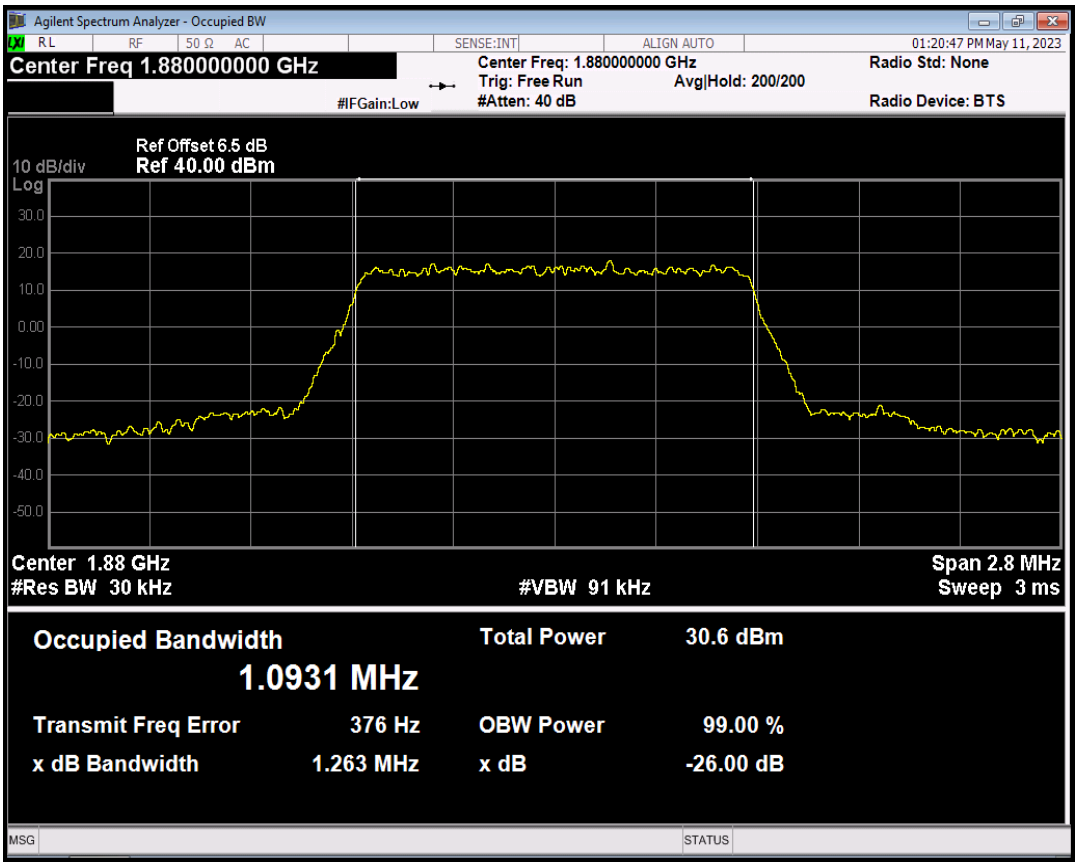
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



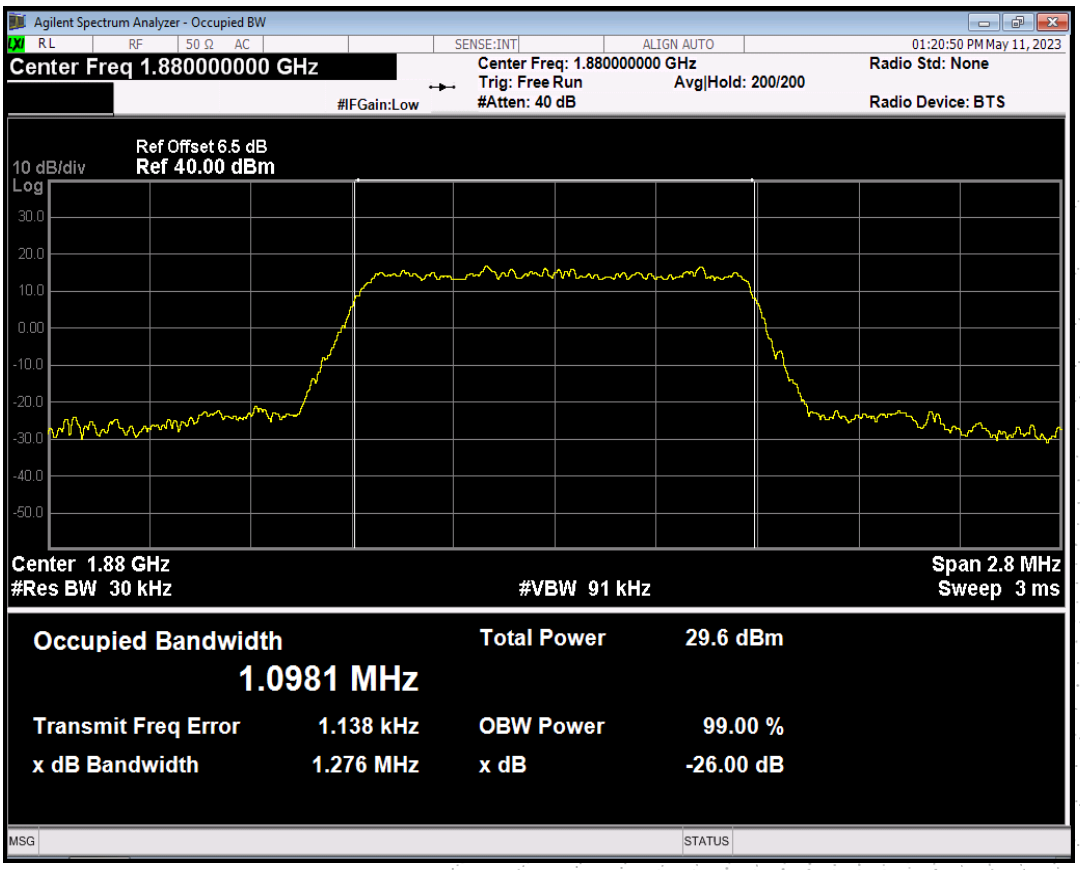
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



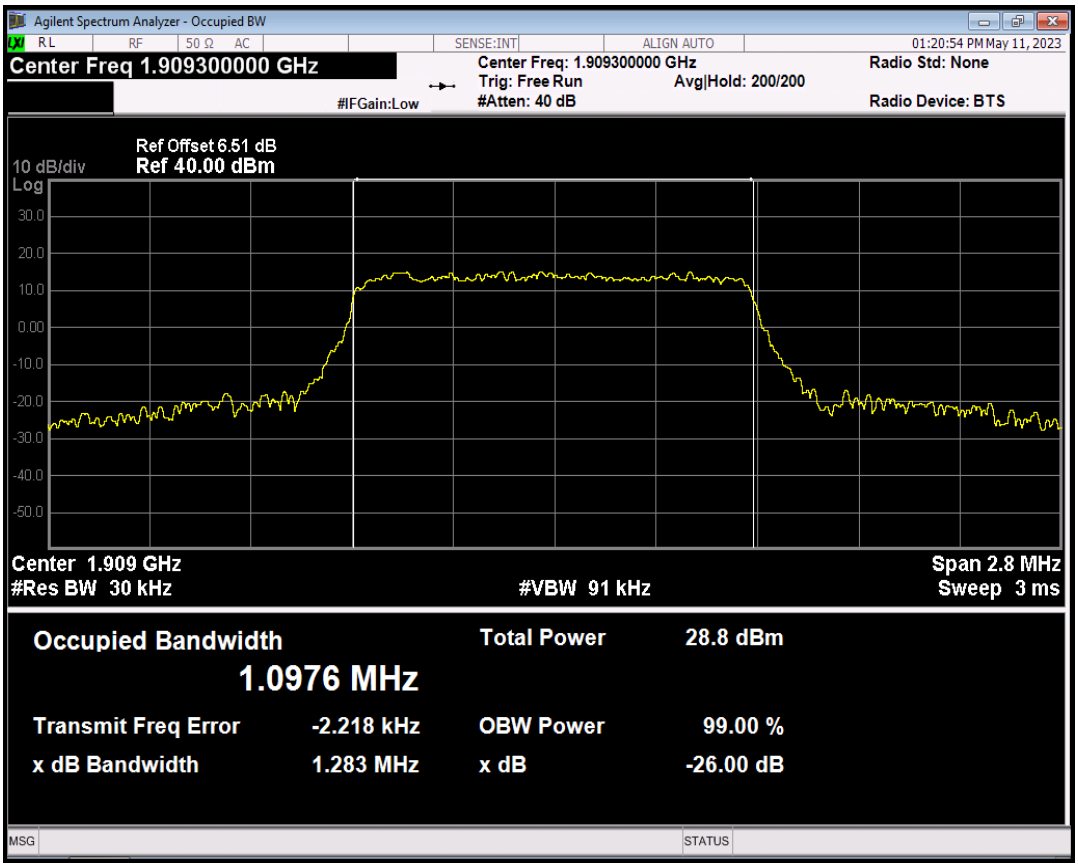
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



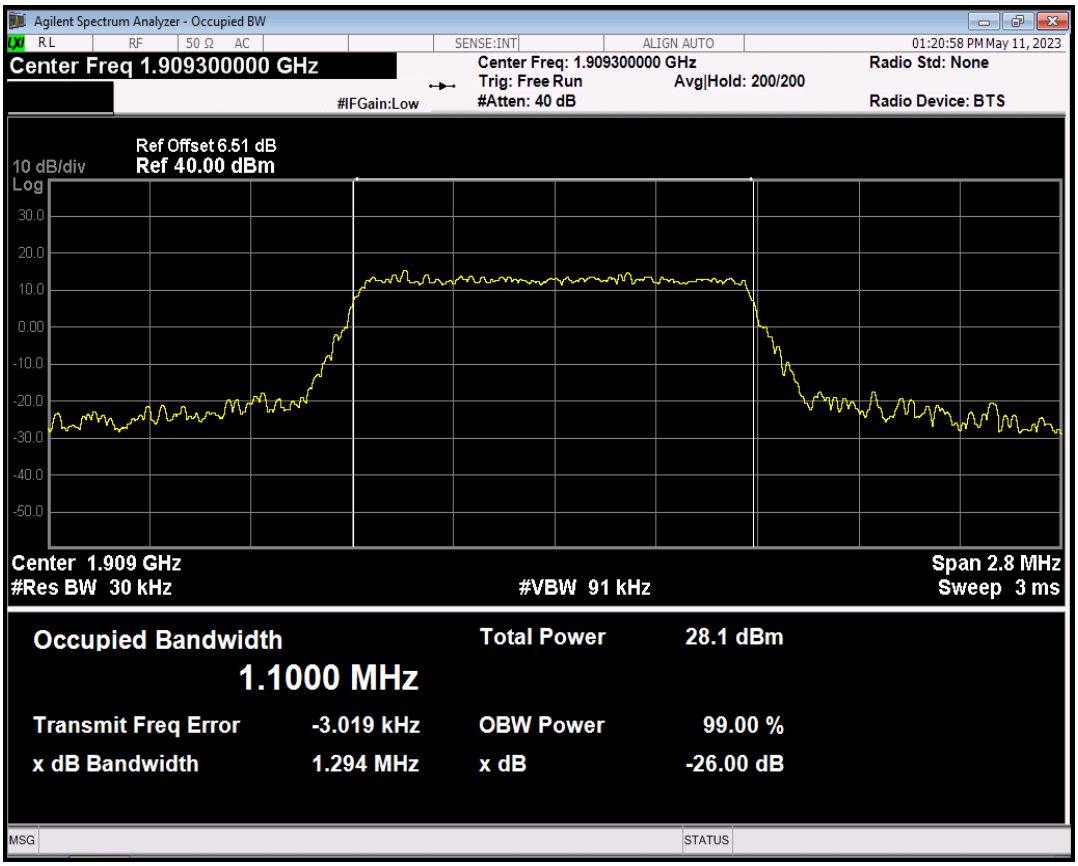
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



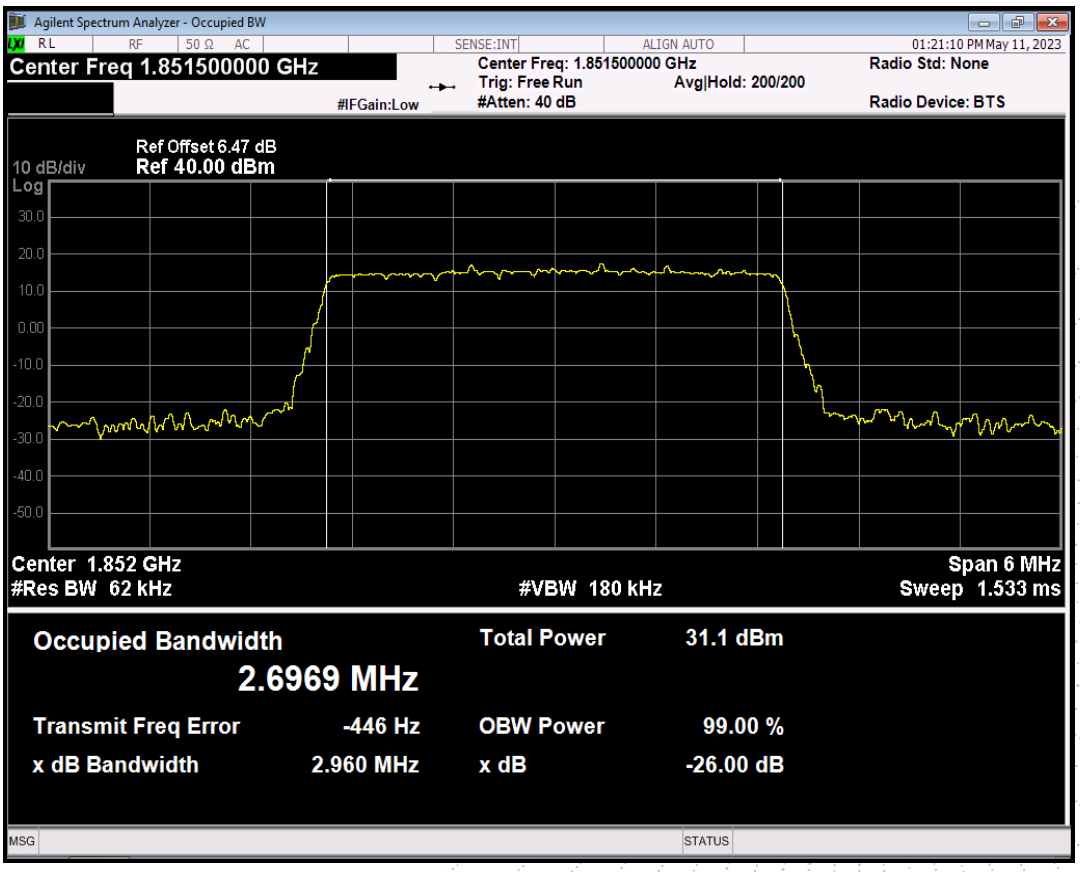
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



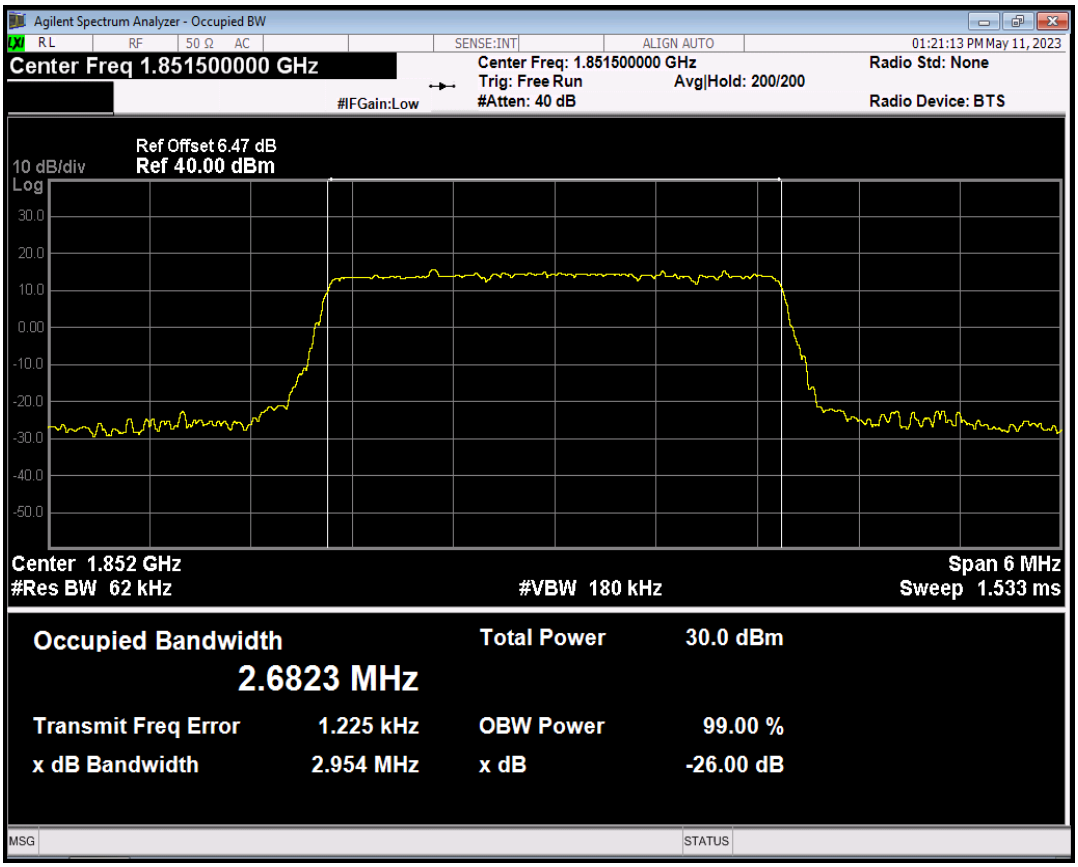
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



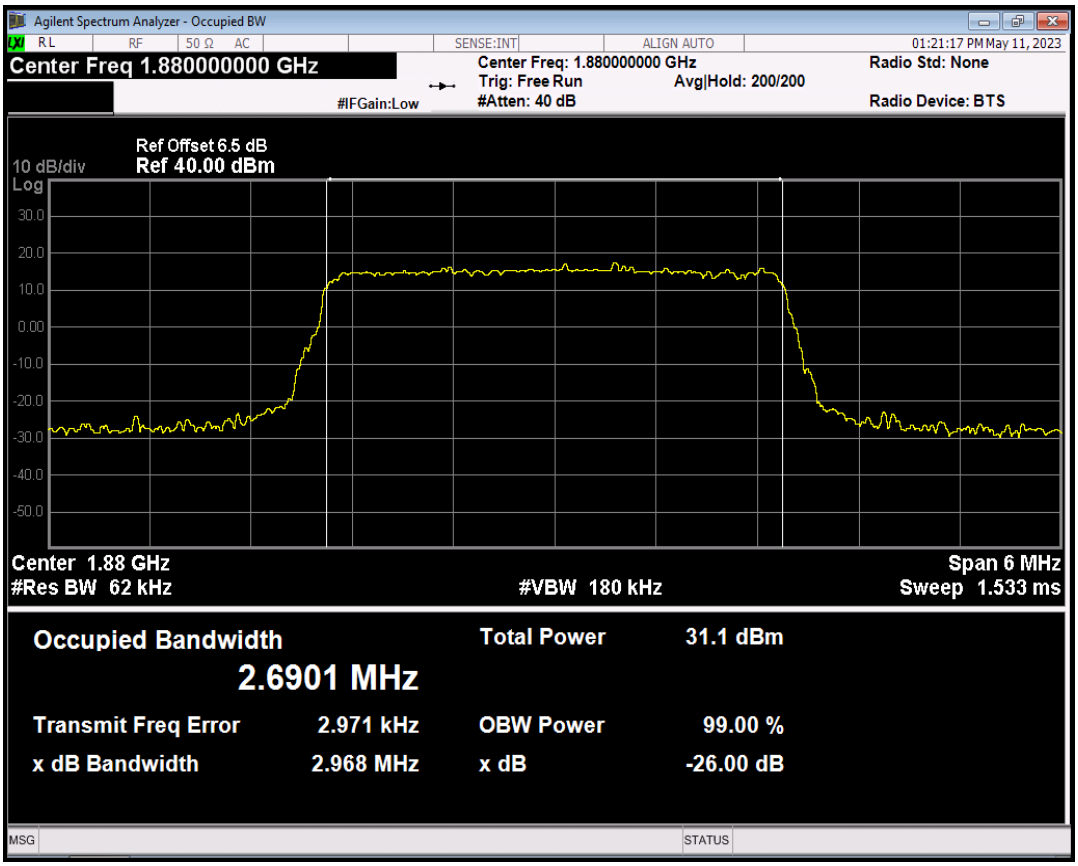
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



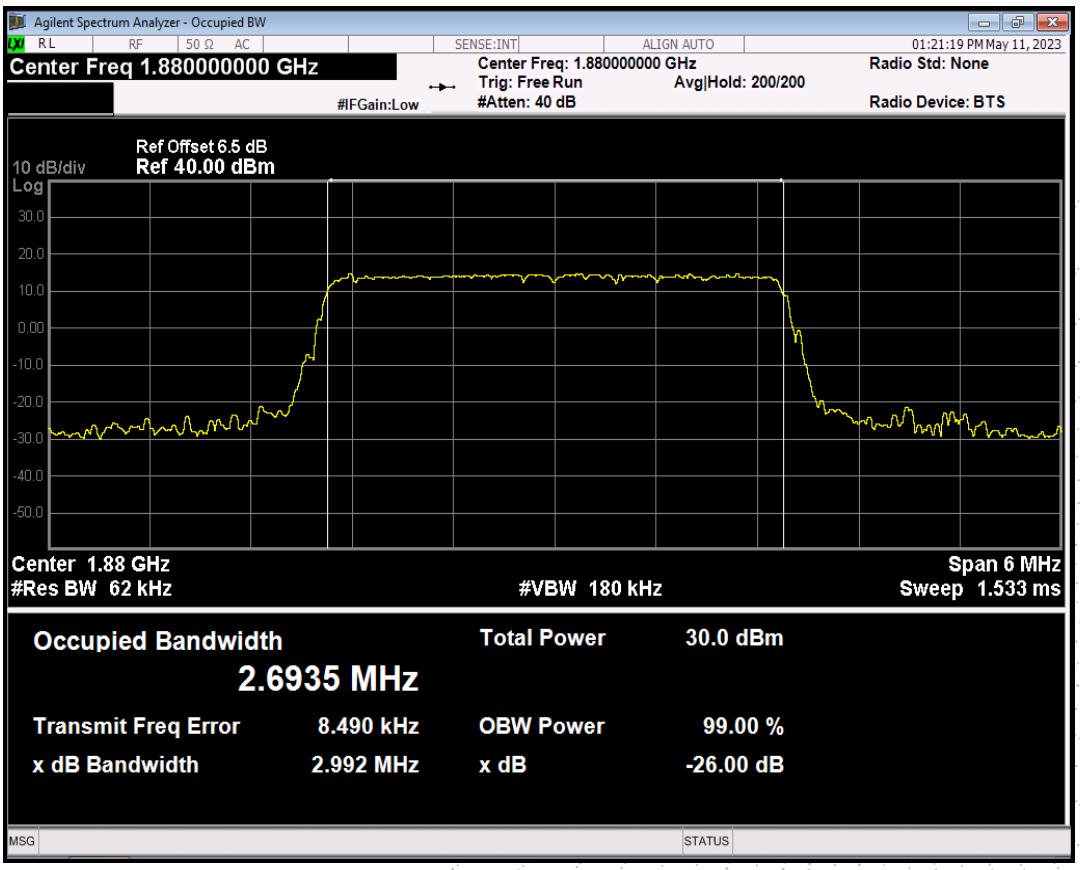
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



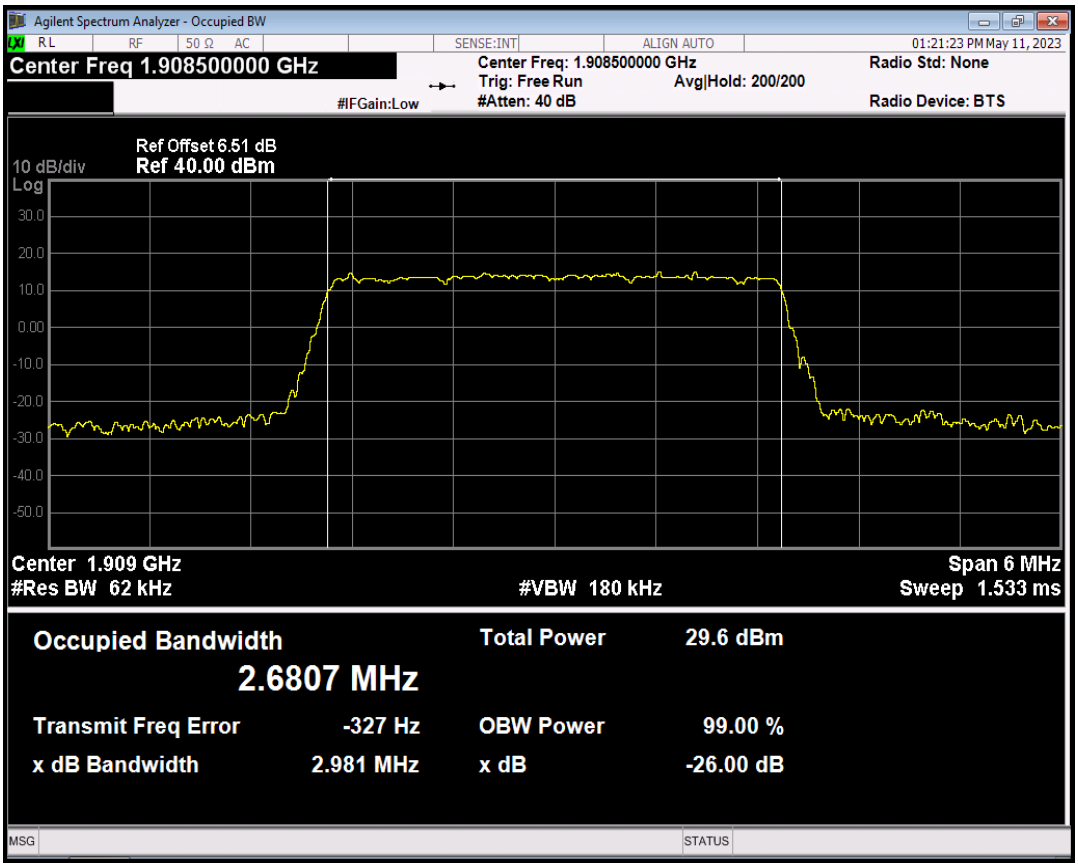
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



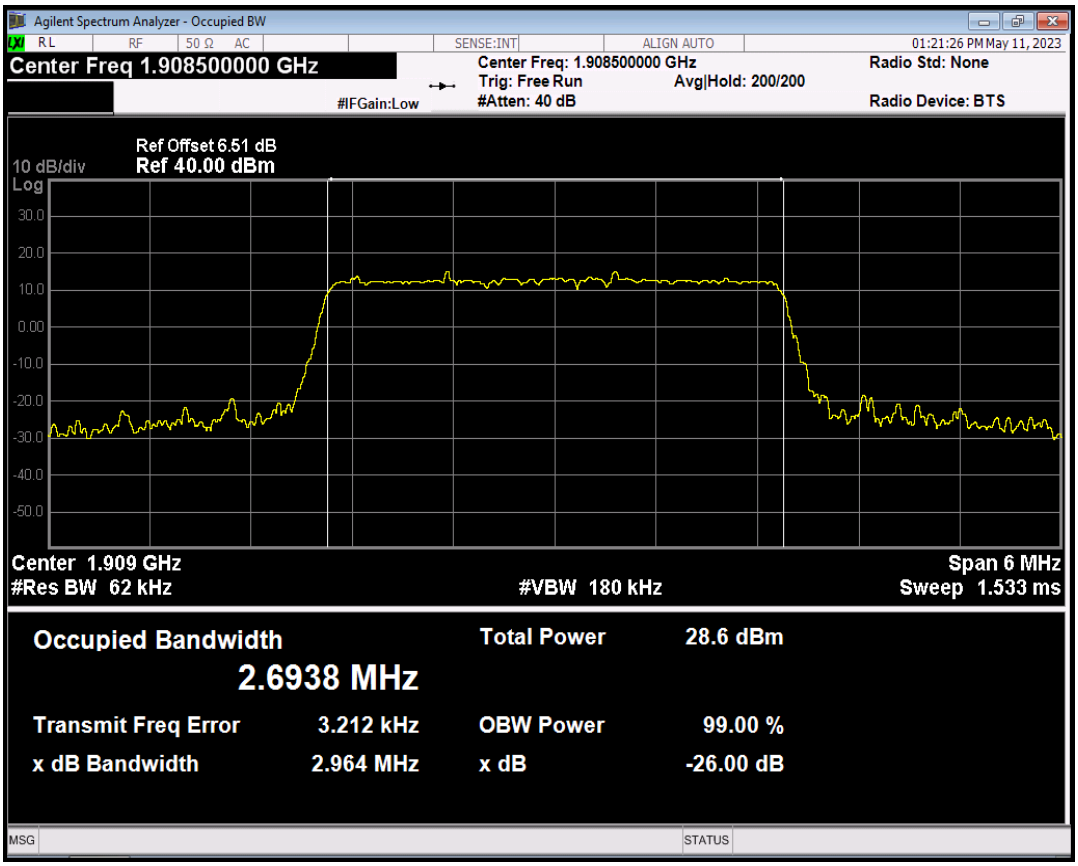
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



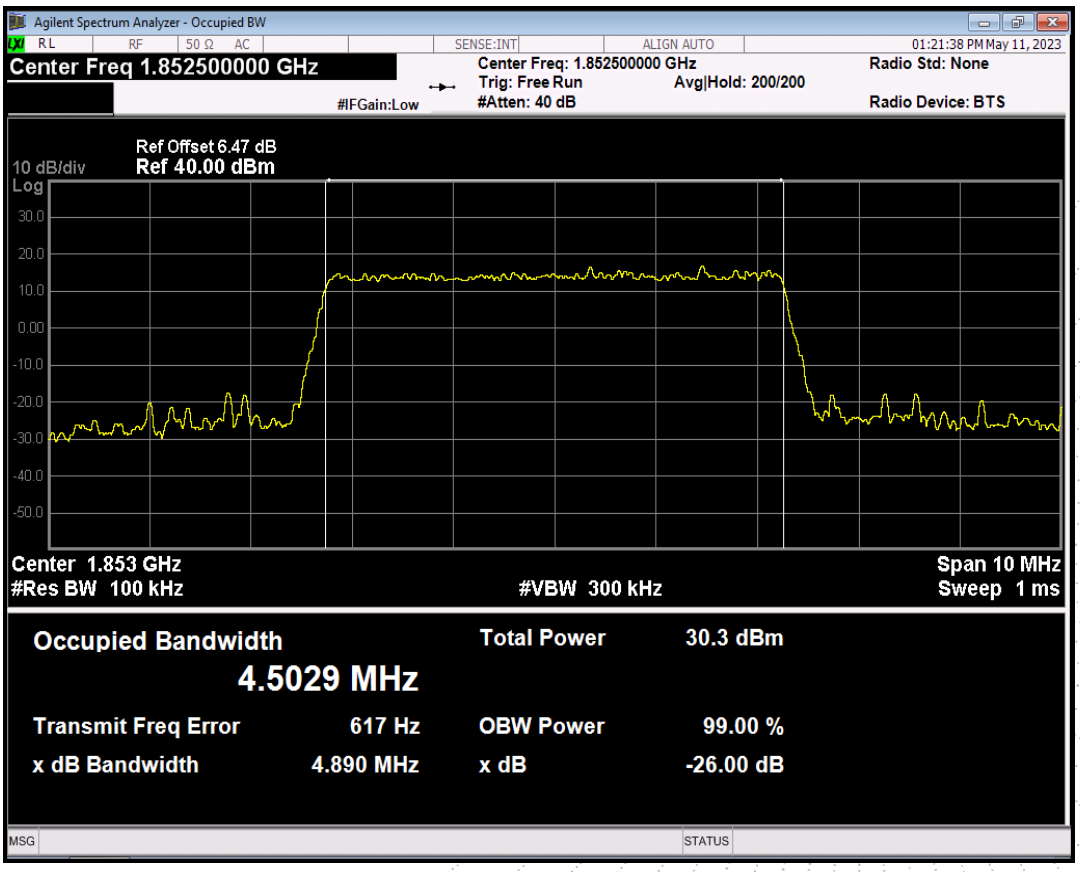
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



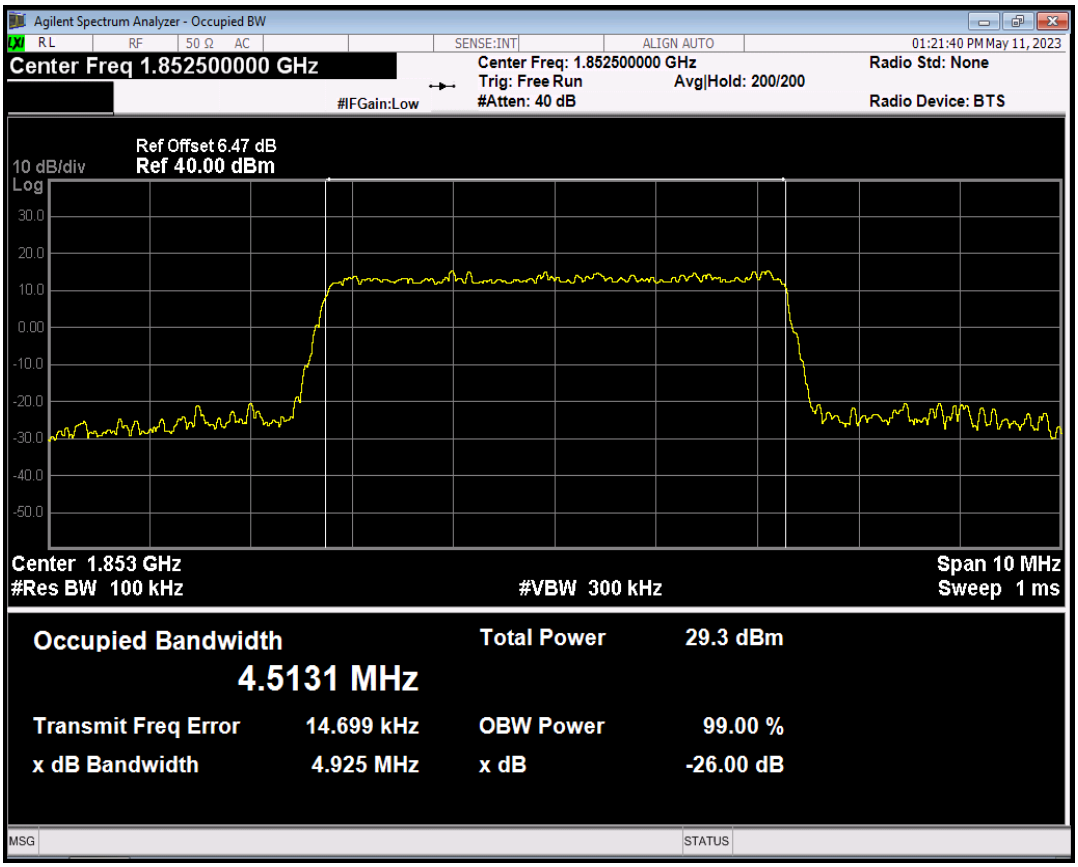
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



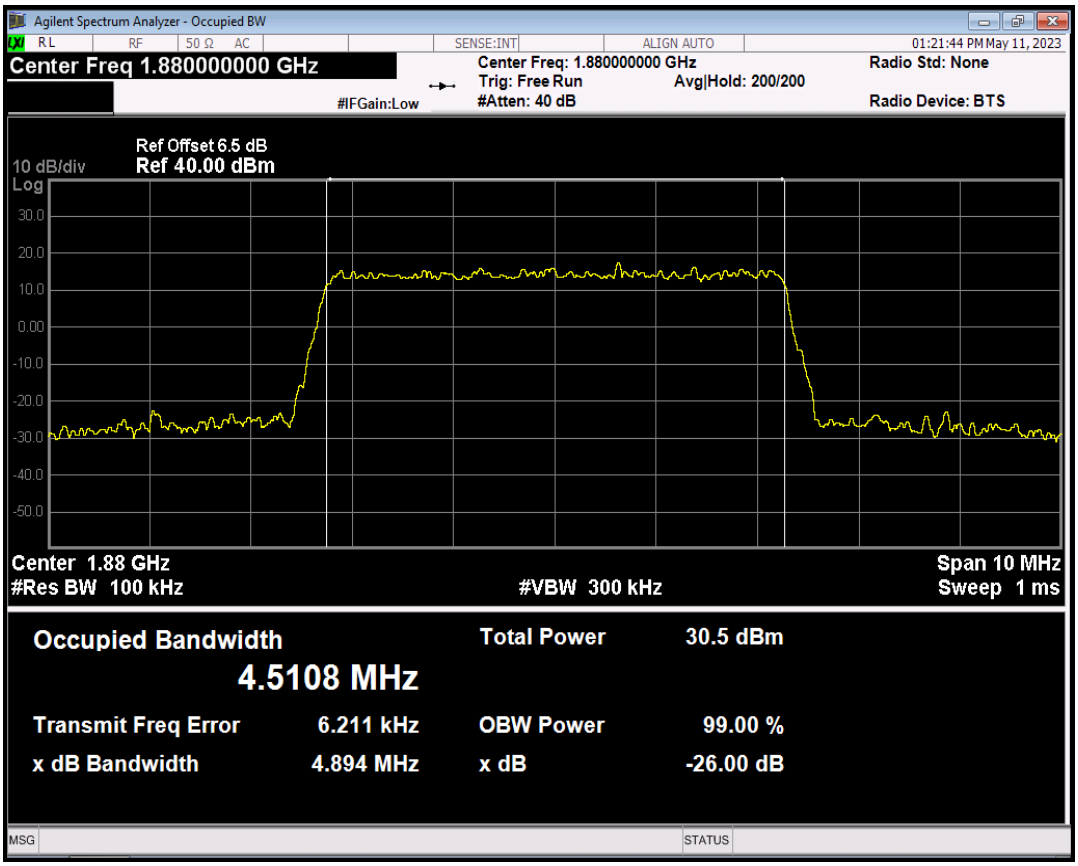
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



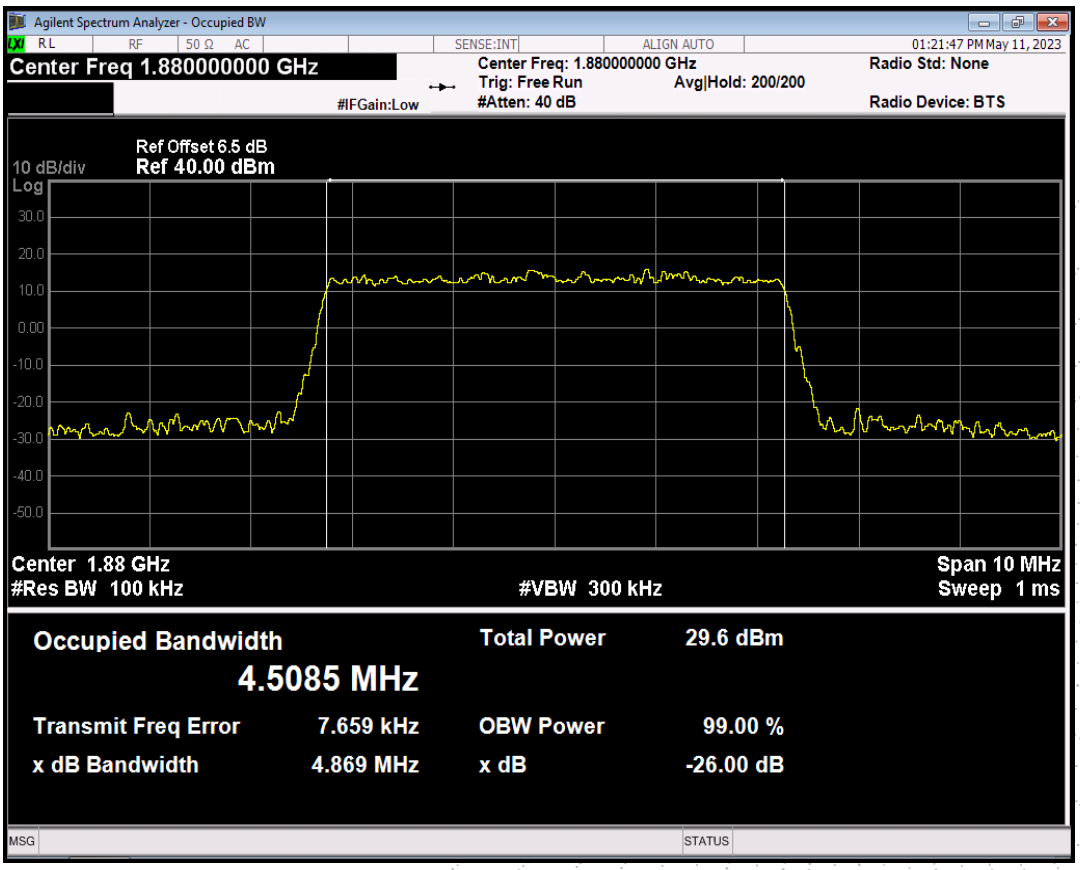
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



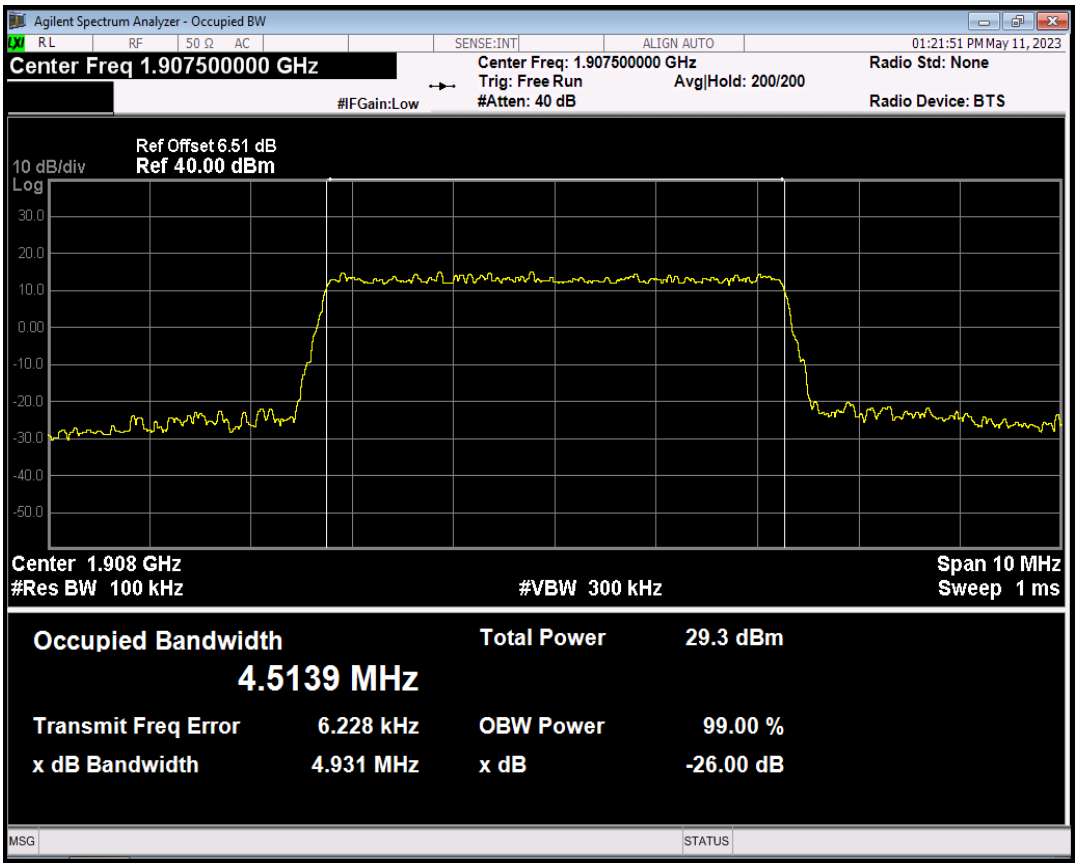
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



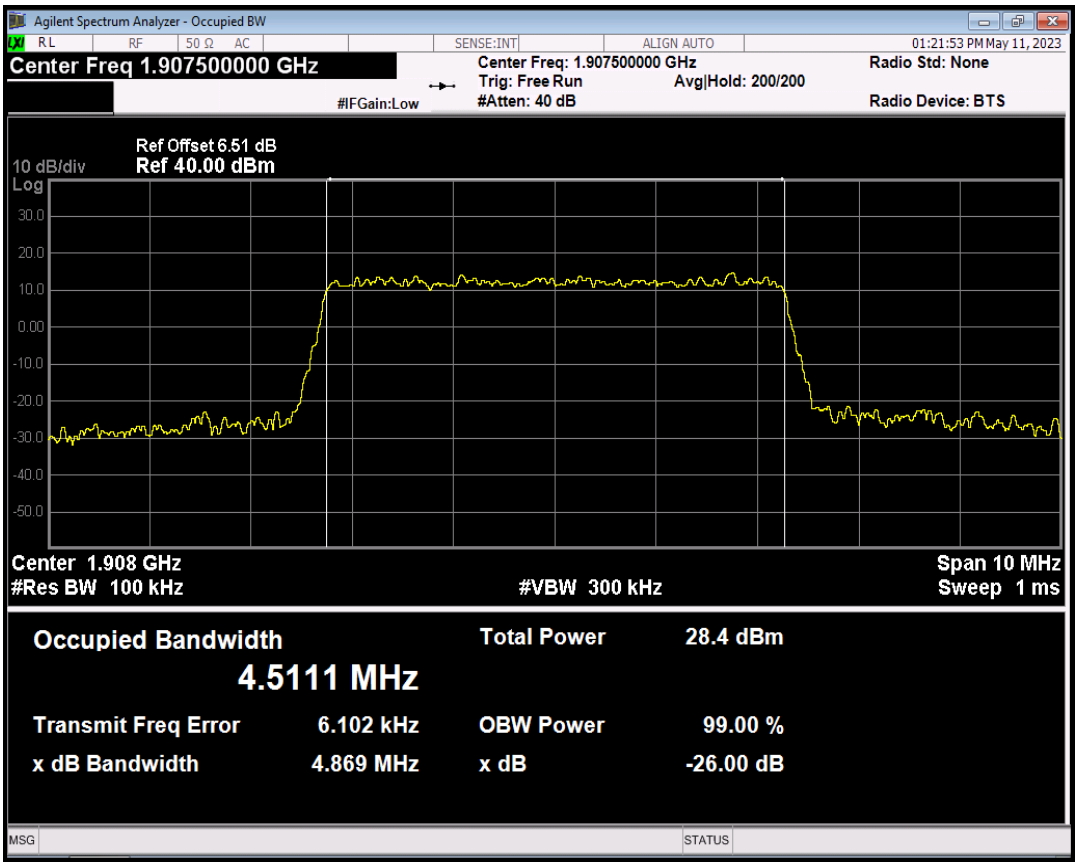
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



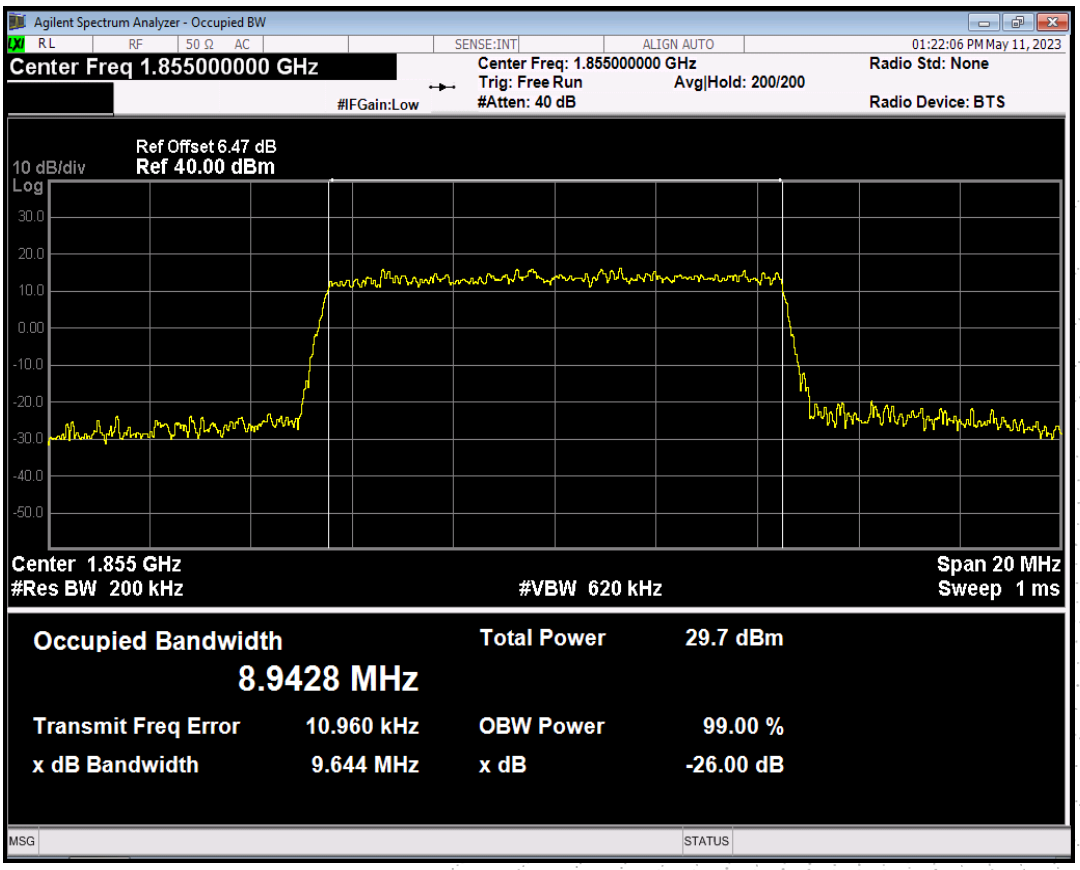
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



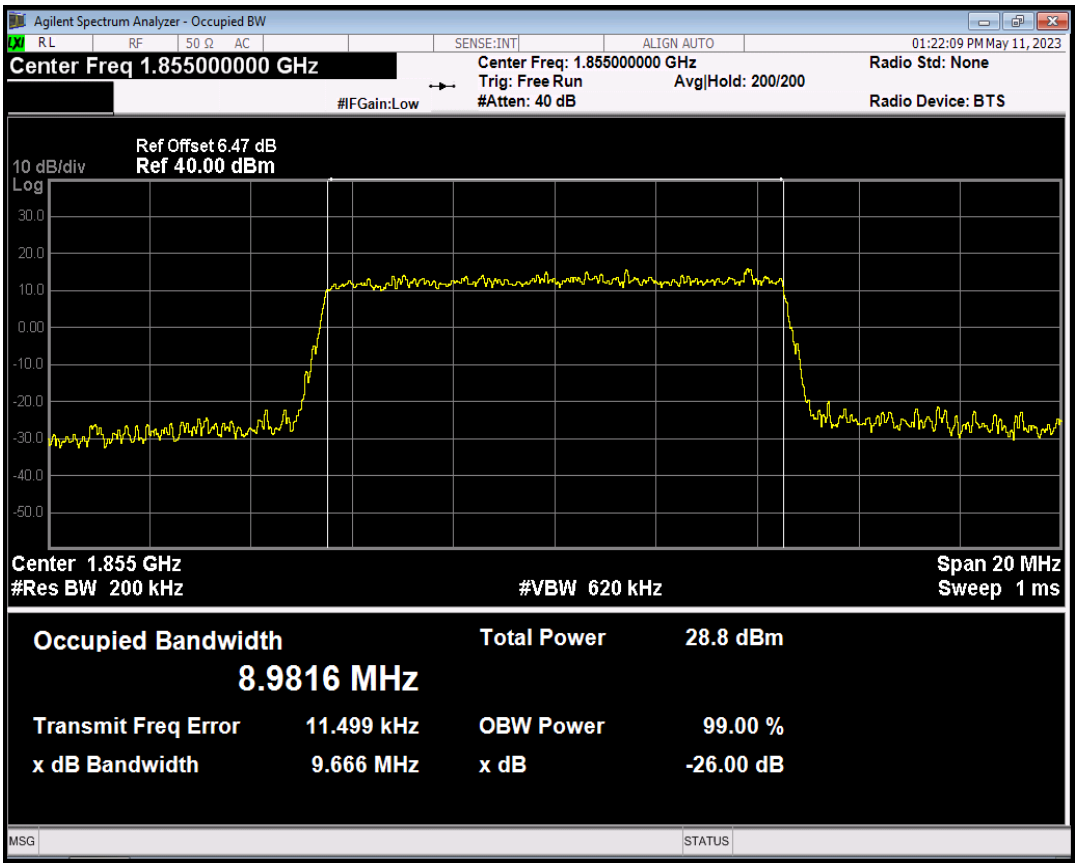
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



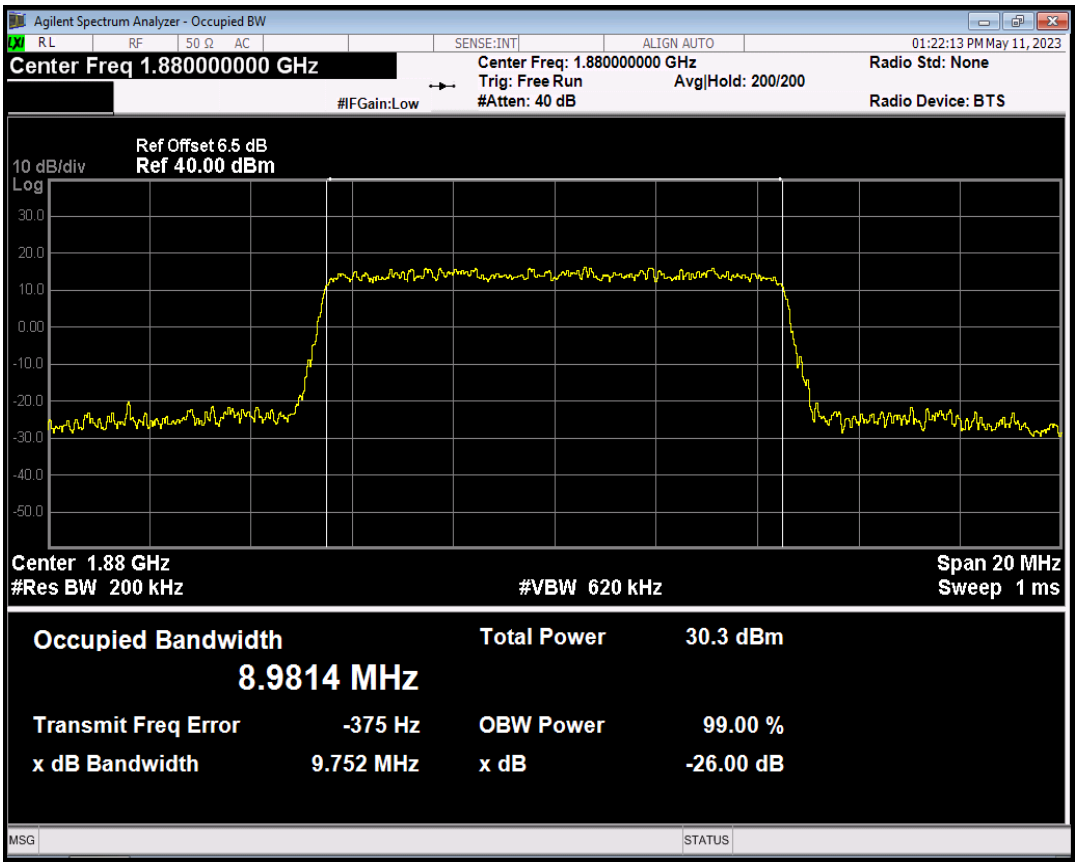
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



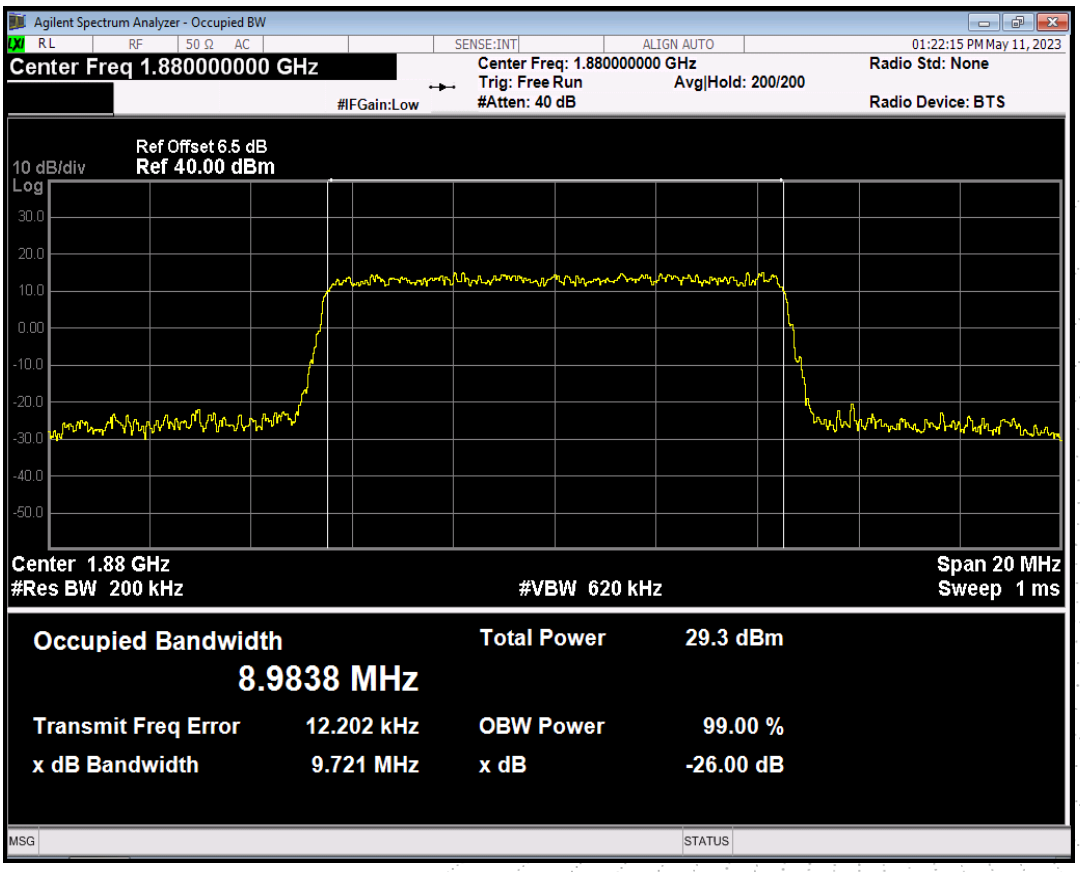
Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



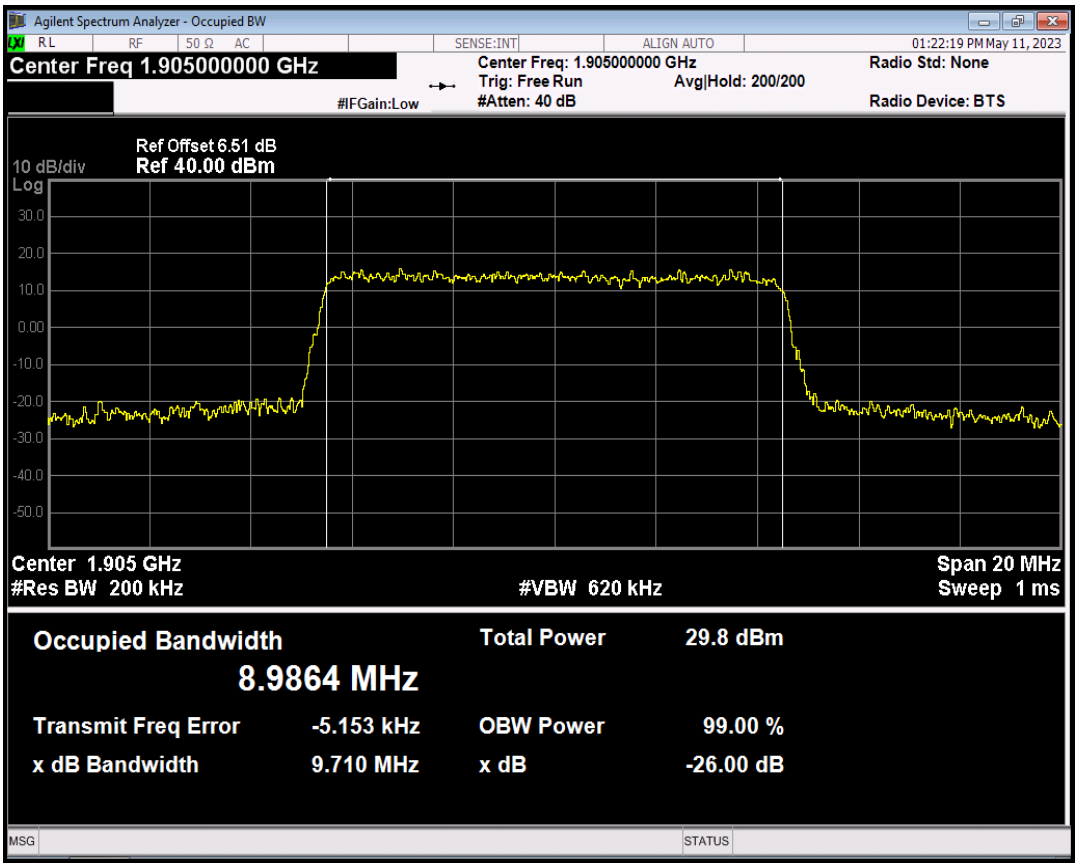
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



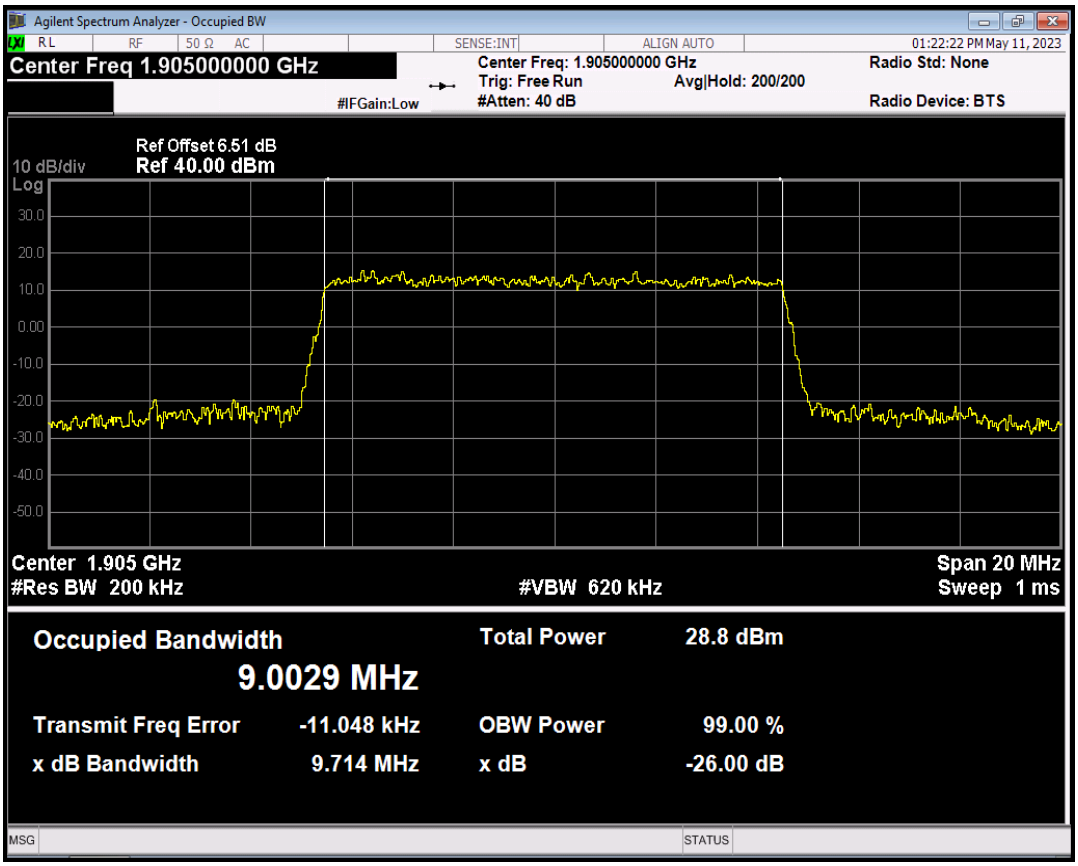
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



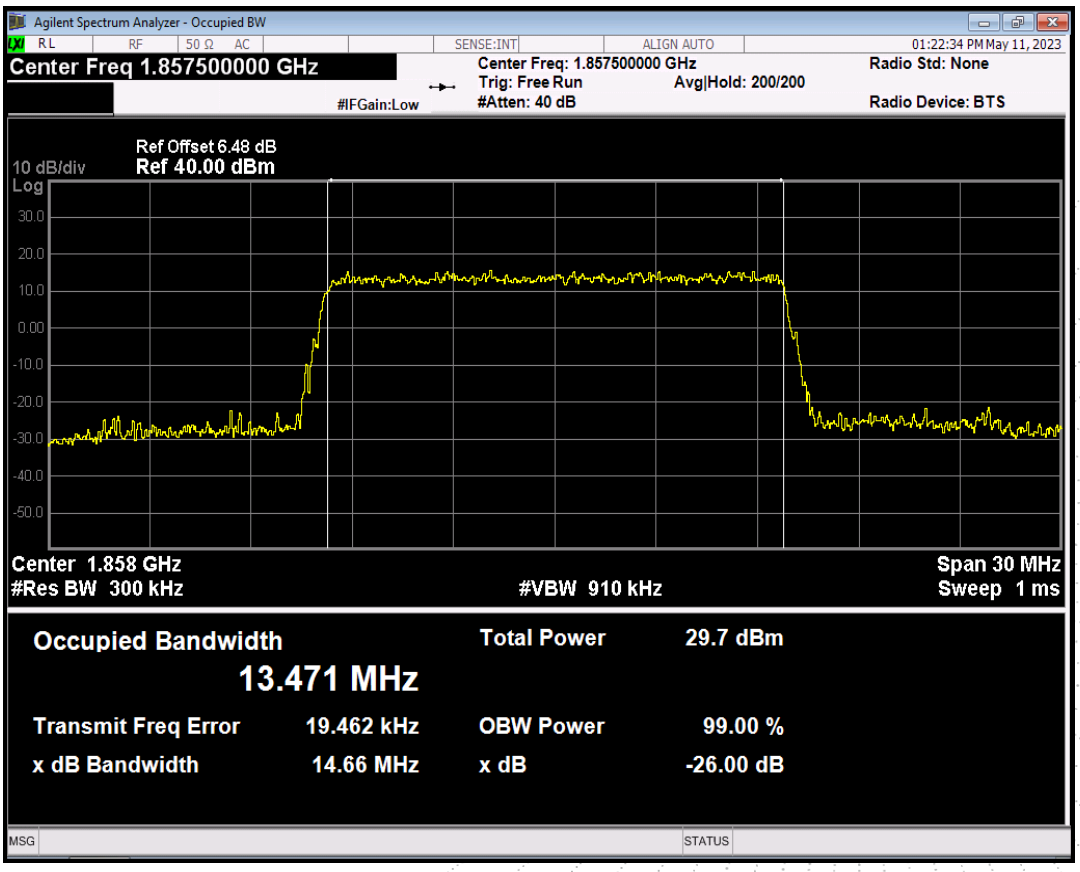
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



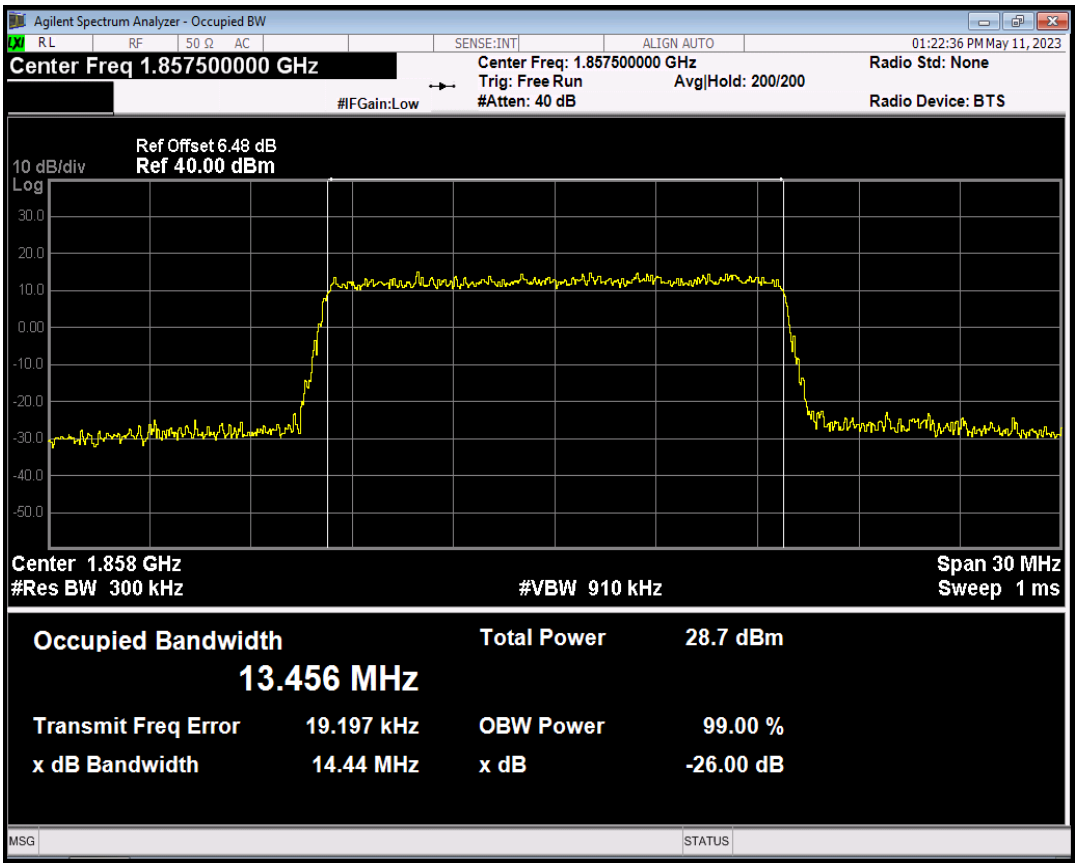
Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



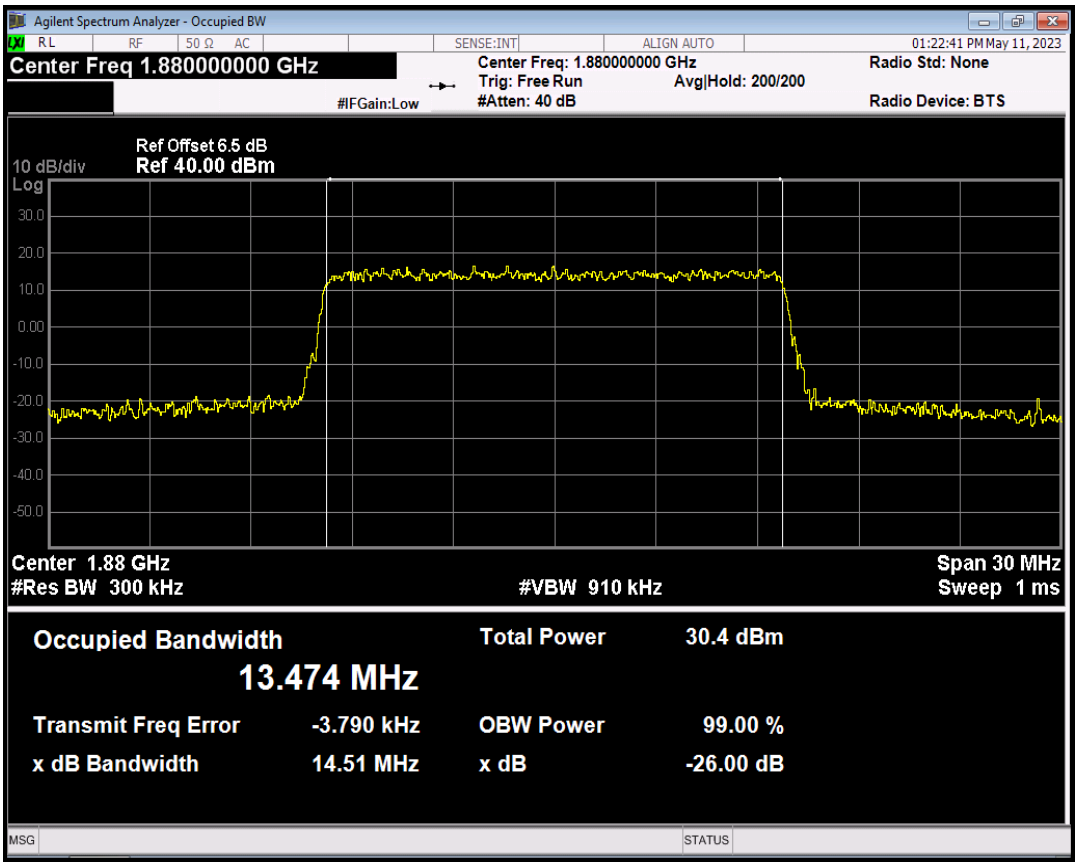
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



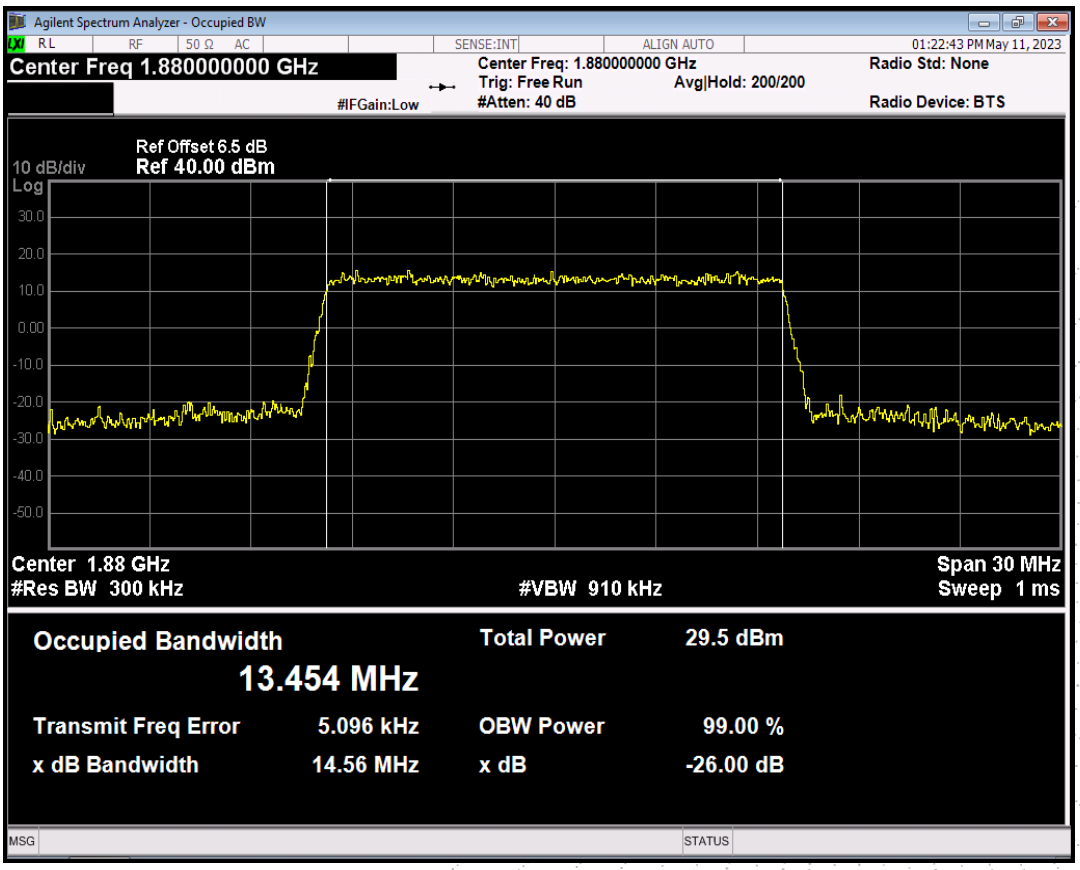
Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



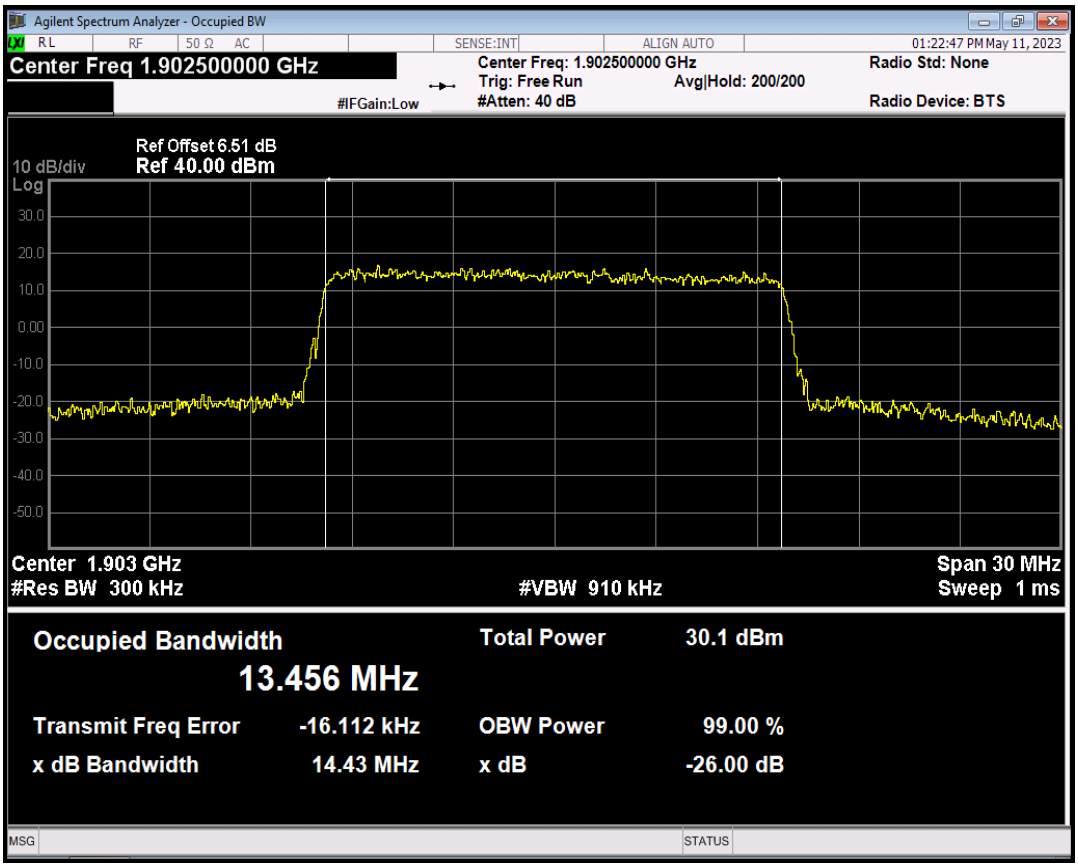
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



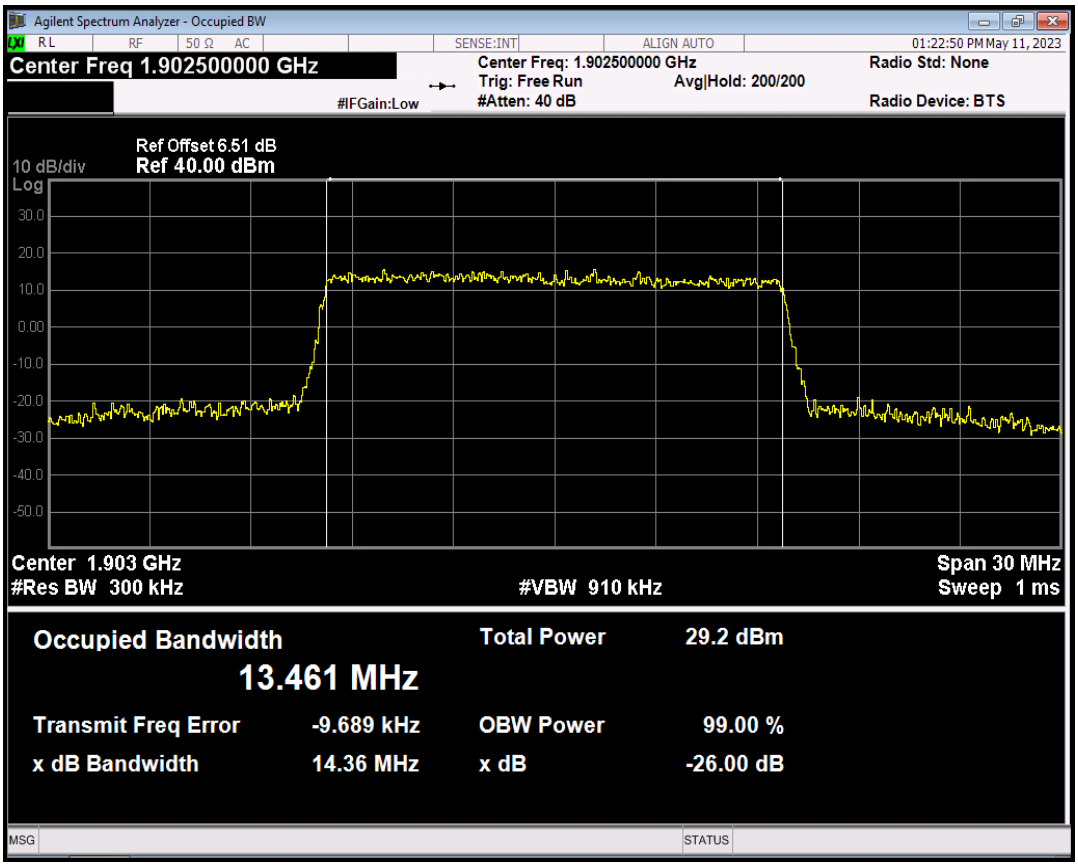
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



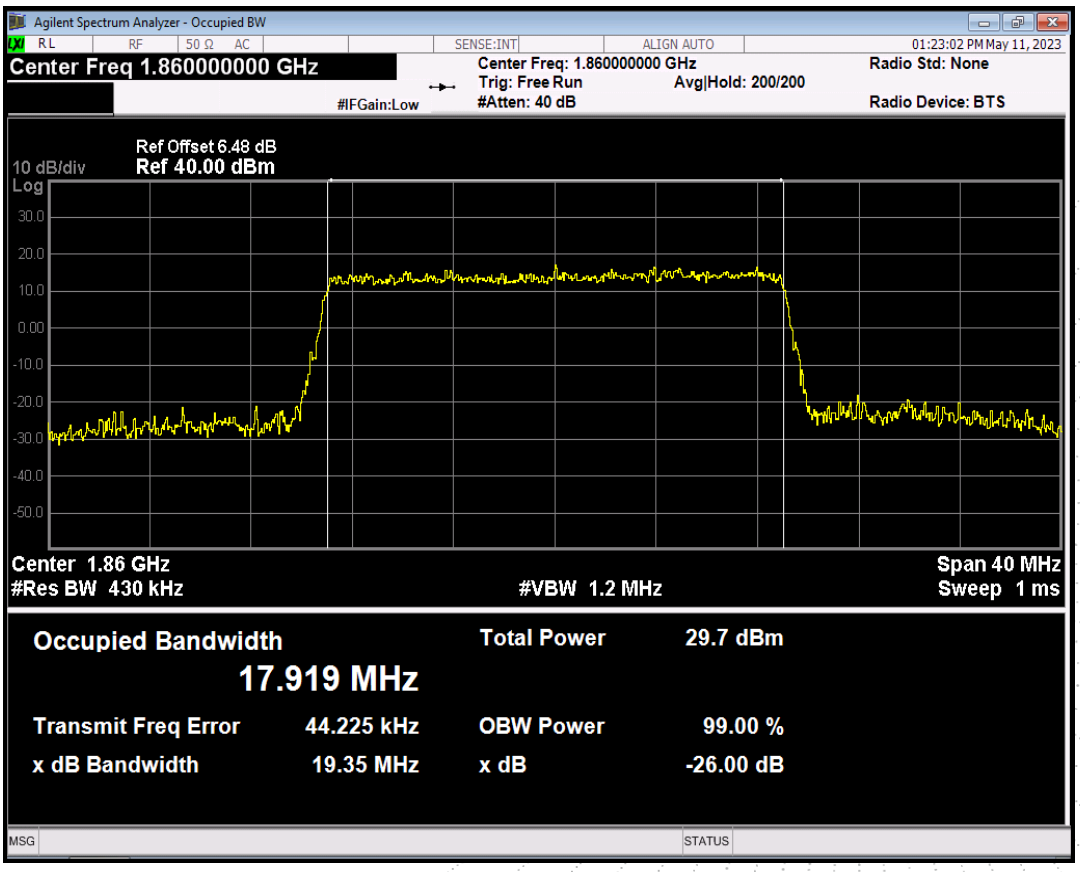
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



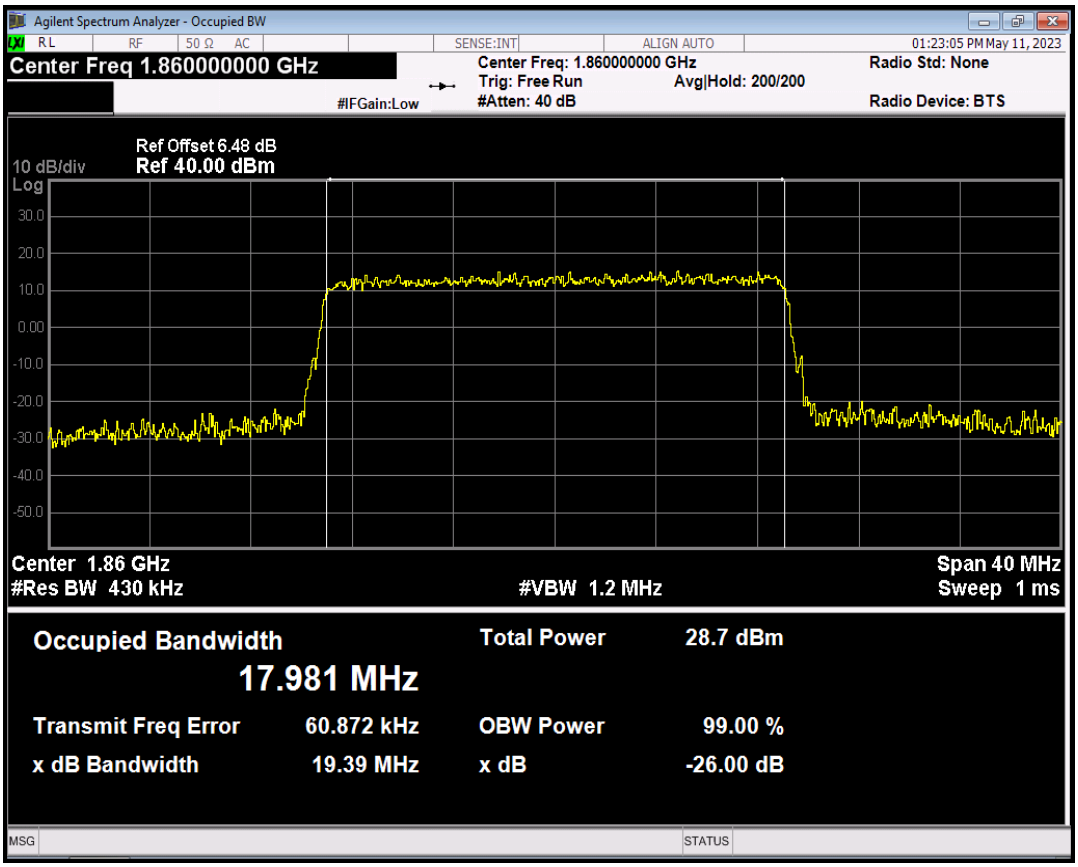
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



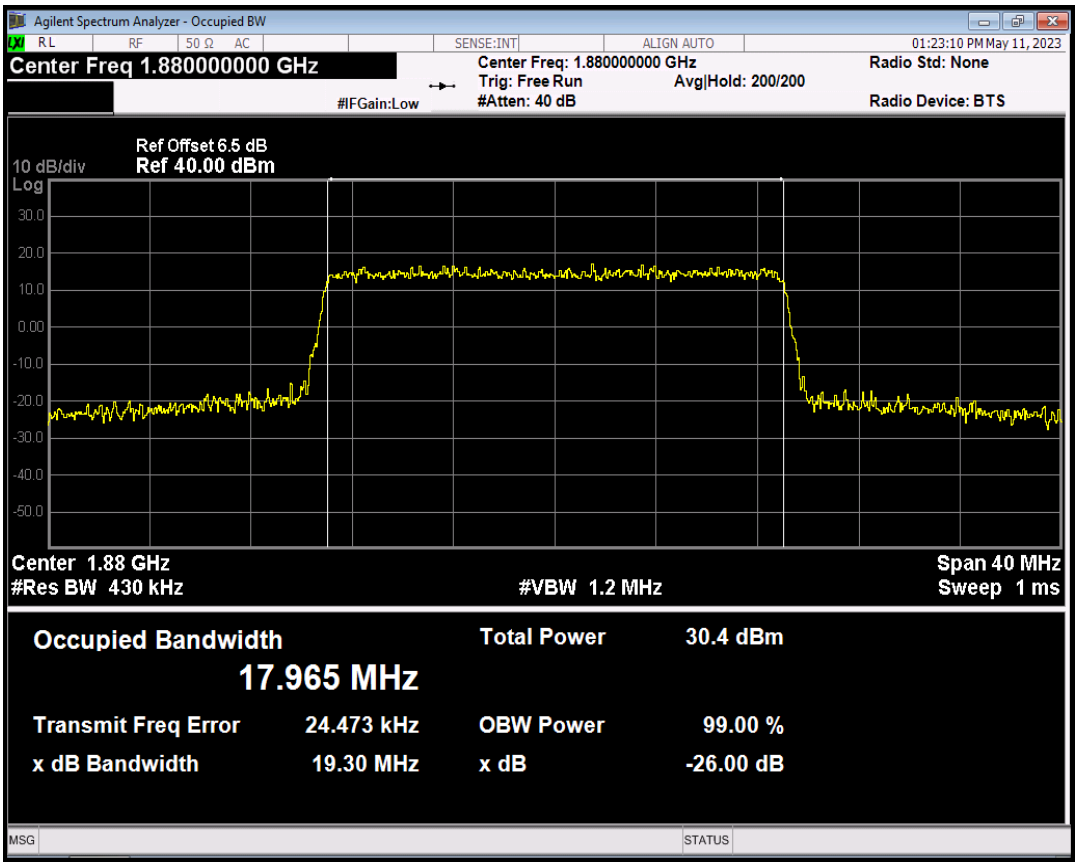
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



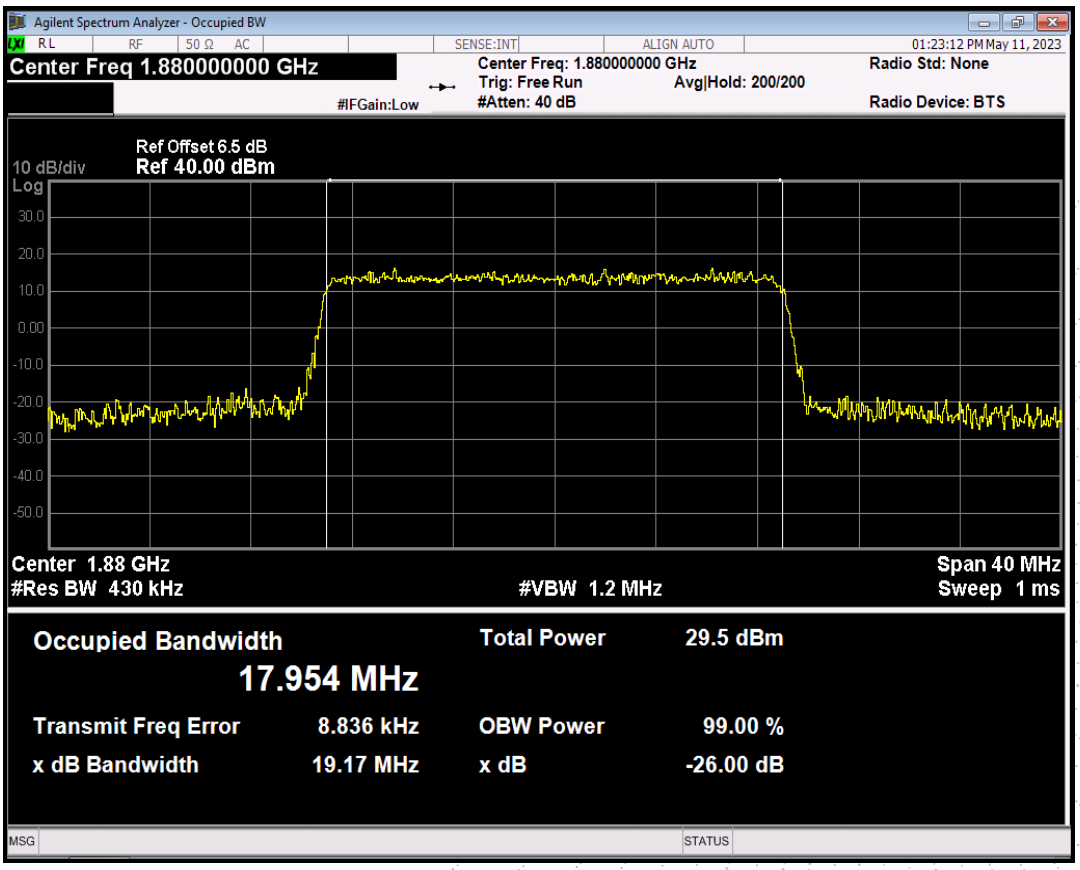
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



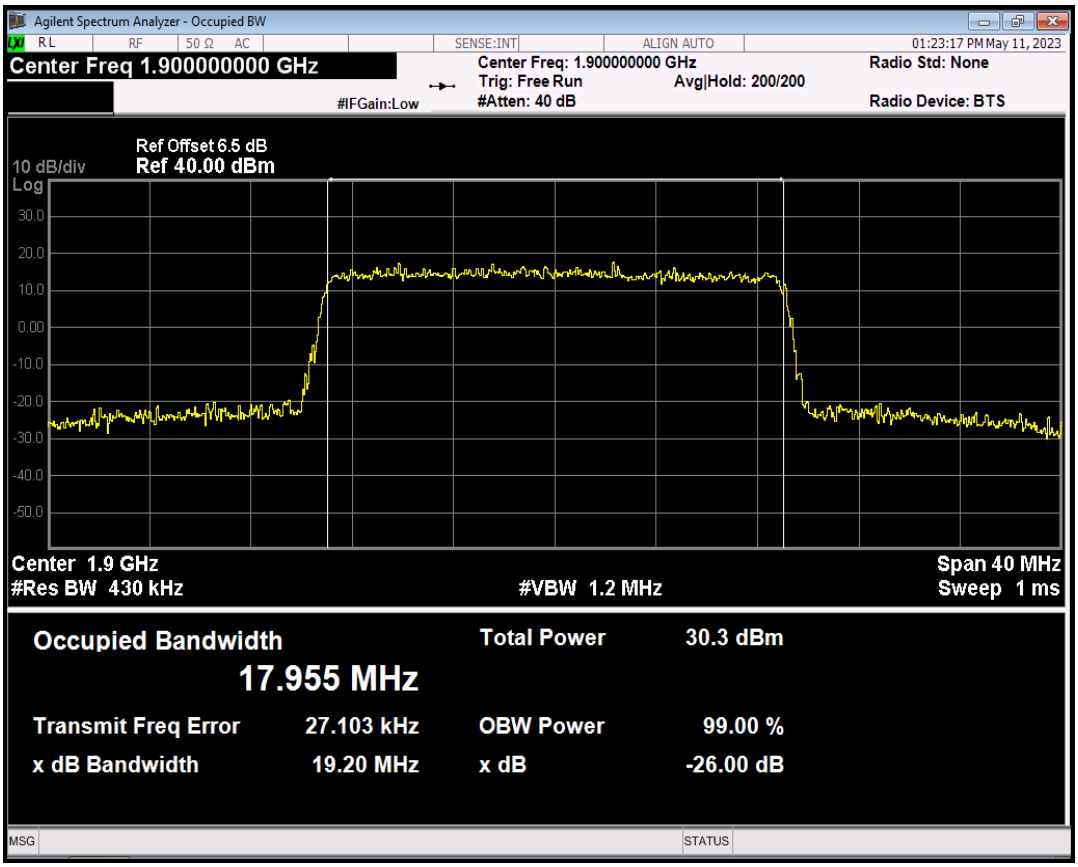
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



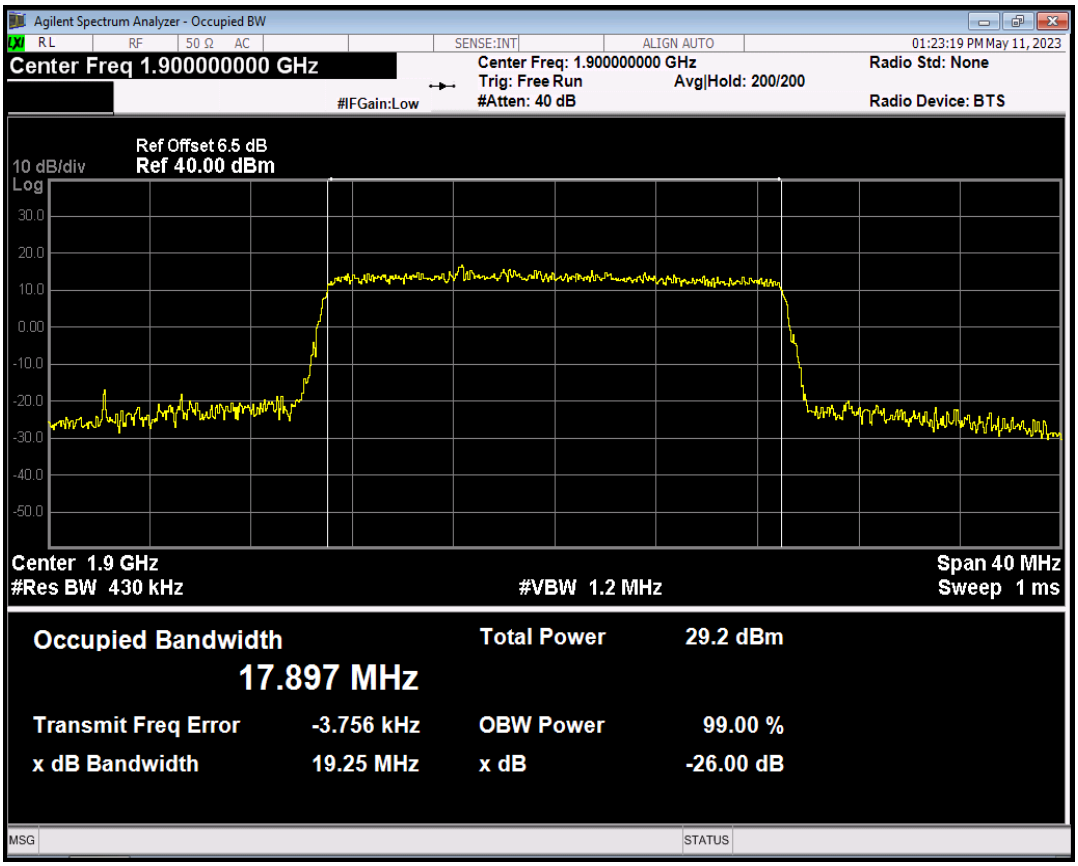
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



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



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

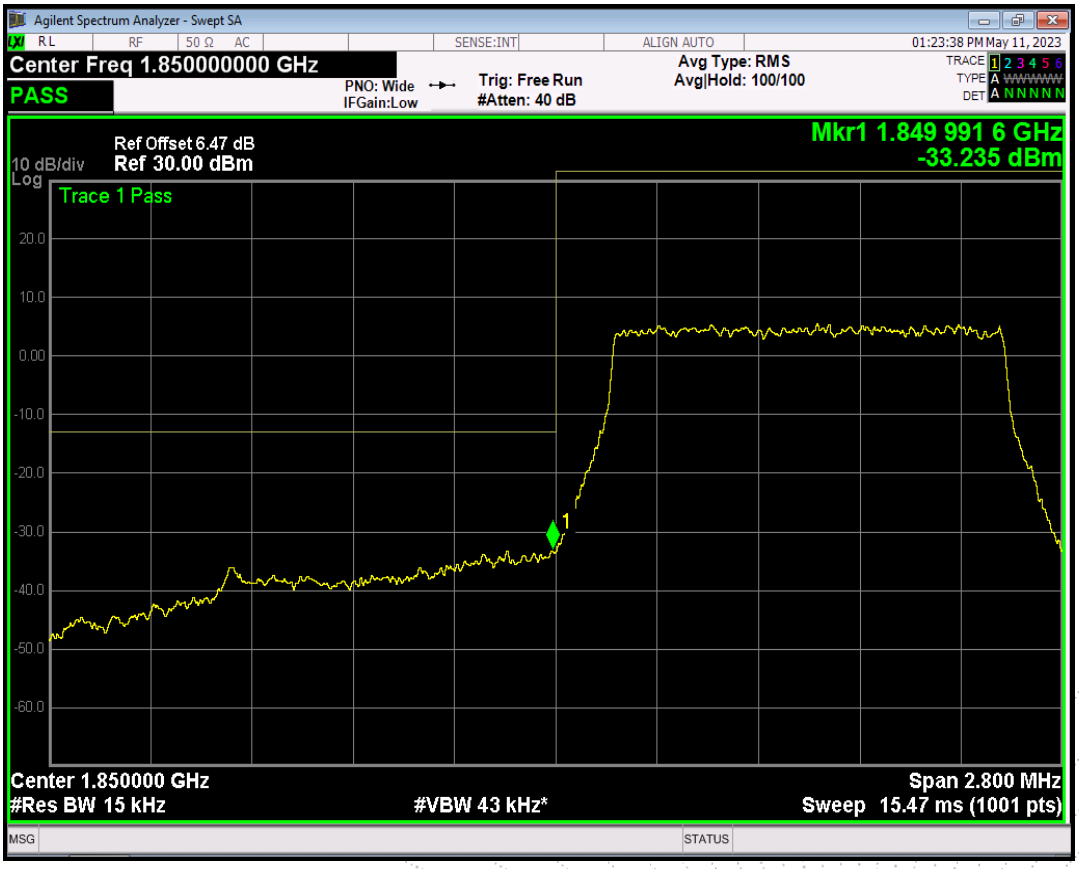


Appendix 5. Band edge

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	1849.99	-33.23	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1850.00	-32.80	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-32.45	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.01	-33.37	-13	PASS
Band2	3	18615	15	#0	QPSK	1849.99	-29.46	-13	PASS
Band2	3	18615	15	#0	16QAM	1850.00	-30.23	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.00	-30.27	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.00	-31.92	-13	PASS
Band2	5	18625	25	#0	QPSK	1850.00	-34.43	-13	PASS
Band2	5	18625	25	#0	16QAM	1850.00	-35.16	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-33.02	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.00	-33.28	-13	PASS
Band2	10	18650	50	#0	QPSK	1850.00	-37.52	-13	PASS
Band2	10	18650	50	#0	16QAM	1850.00	-38.81	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.12	-33.07	-13	PASS
Band2	10	19150	50	#0	16QAM	1910.02	-34.26	-13	PASS

Band2	15	18675	75	#0	QPSK	1850.00	-37.80	-13	PASS
Band2	15	18675	75	#0	16QAM	1849.67	-40.30	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.45	-30.92	-13	PASS
Band2	15	19125	75	#0	16QAM	1910.21	-34.79	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.36	-38.95	-13	PASS
Band2	20	18700	100	#0	16QAM	1849.88	-40.73	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.88	-35.90	-13	PASS
Band2	20	19100	100	#0	16QAM	1911.20	-36.47	-13	PASS

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

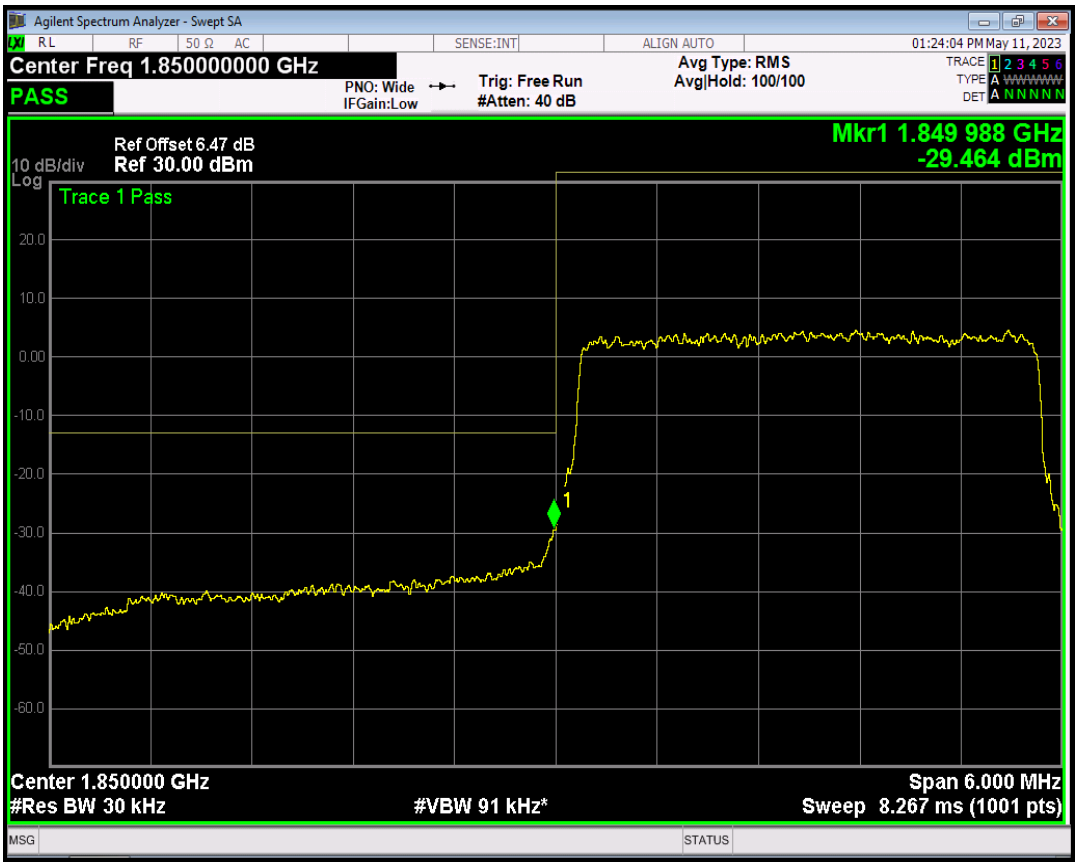


Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0

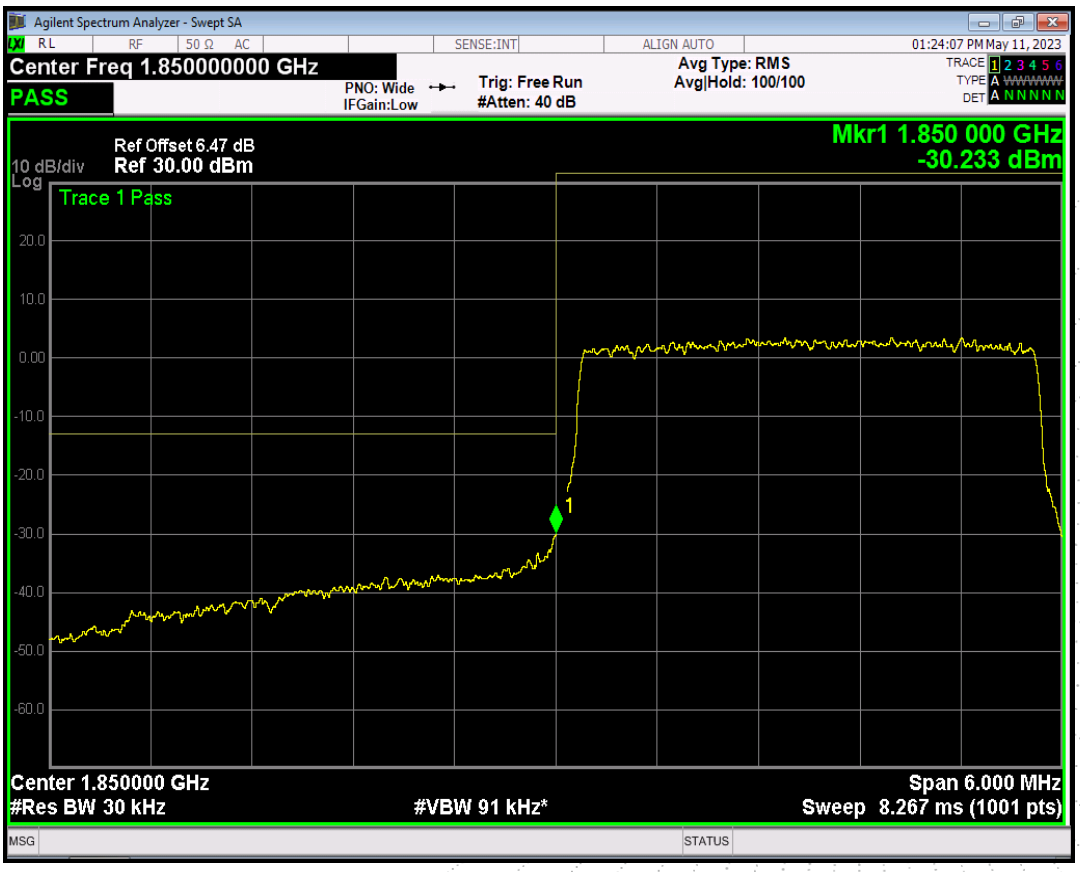
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0

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

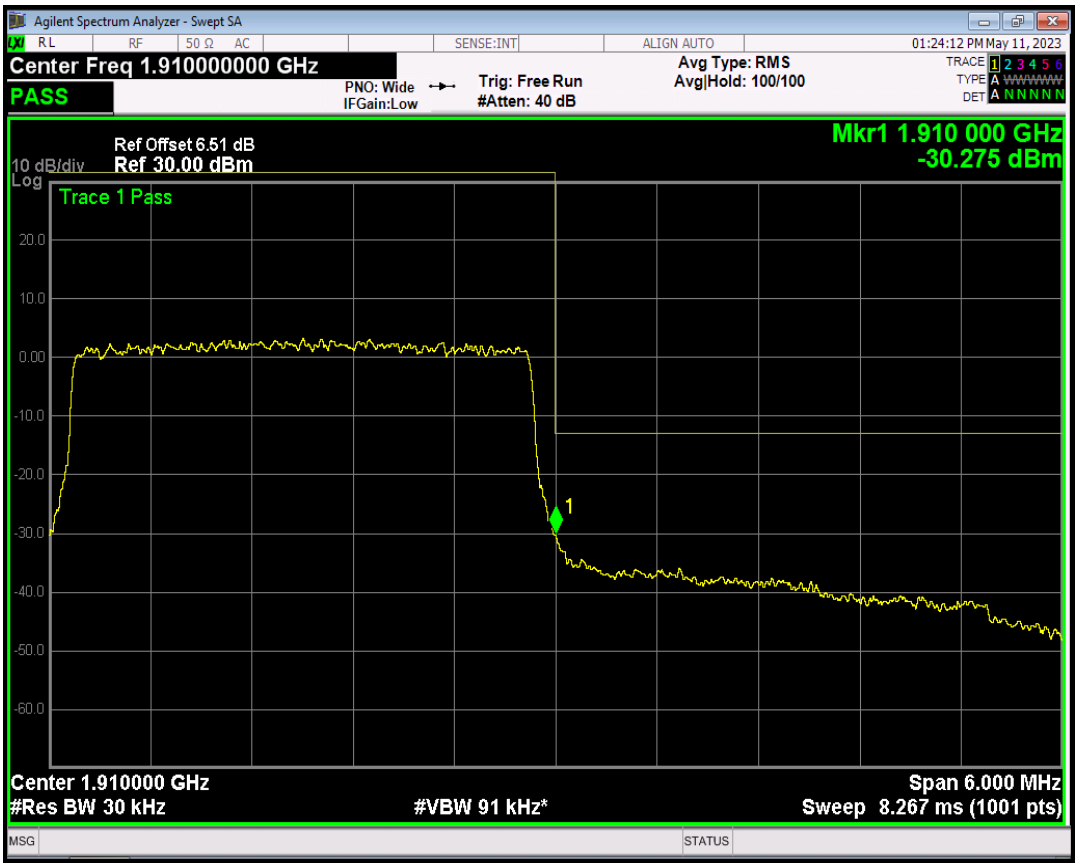
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



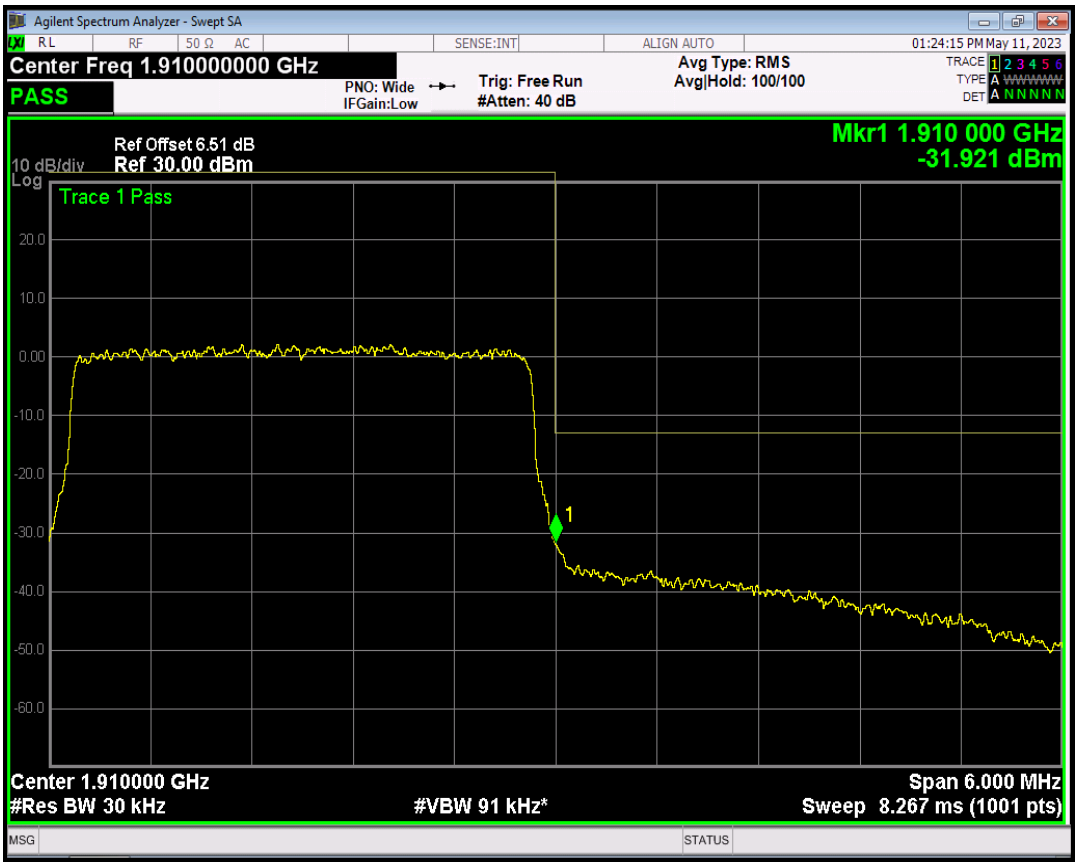
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



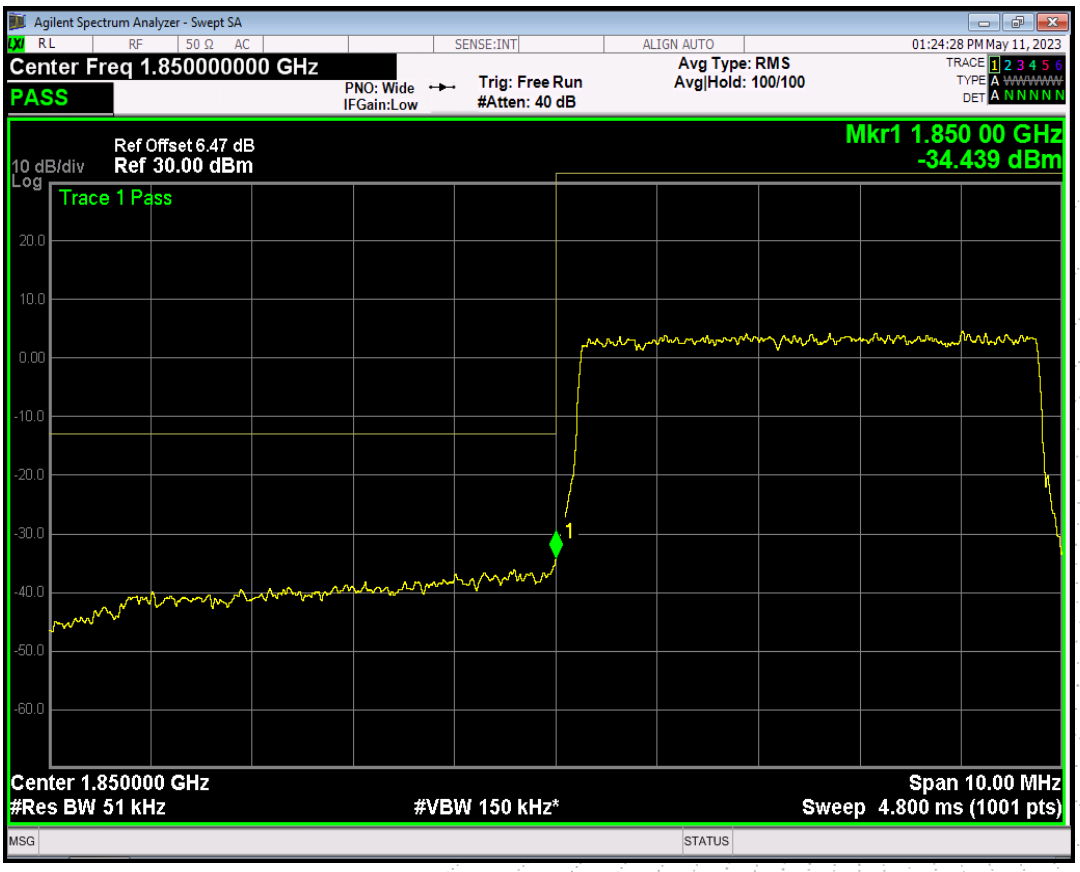
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



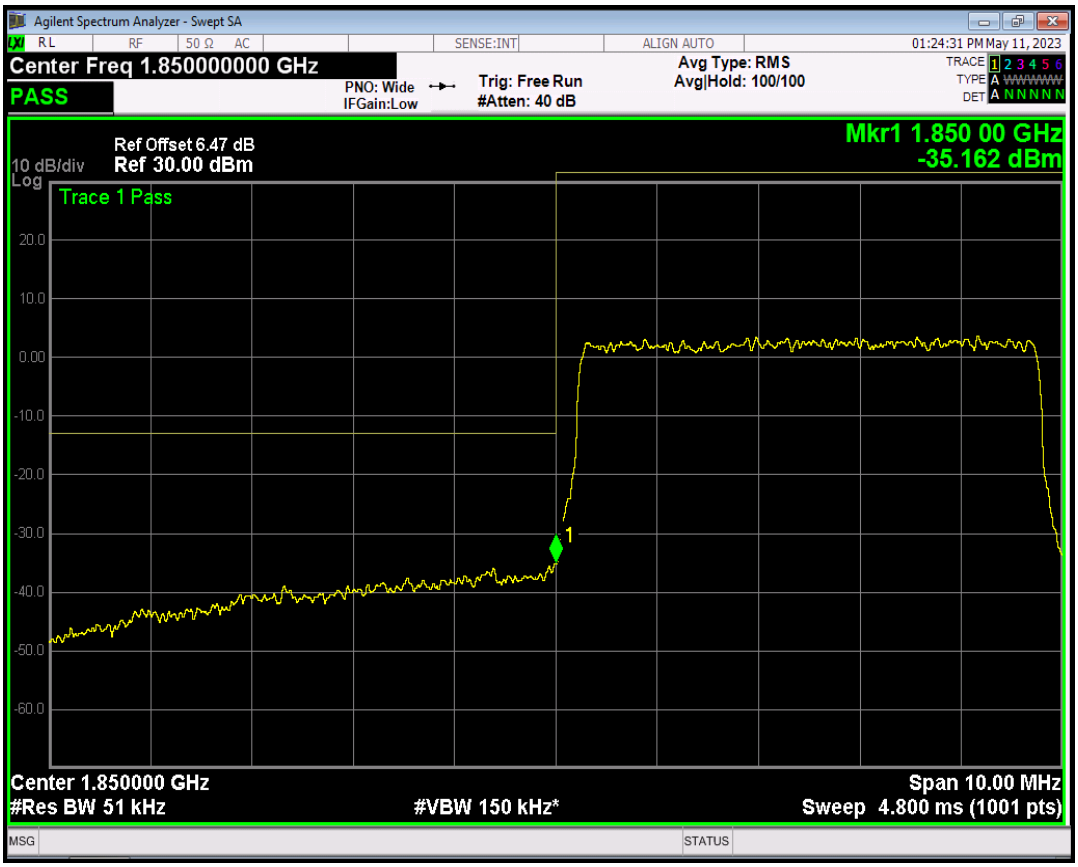
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



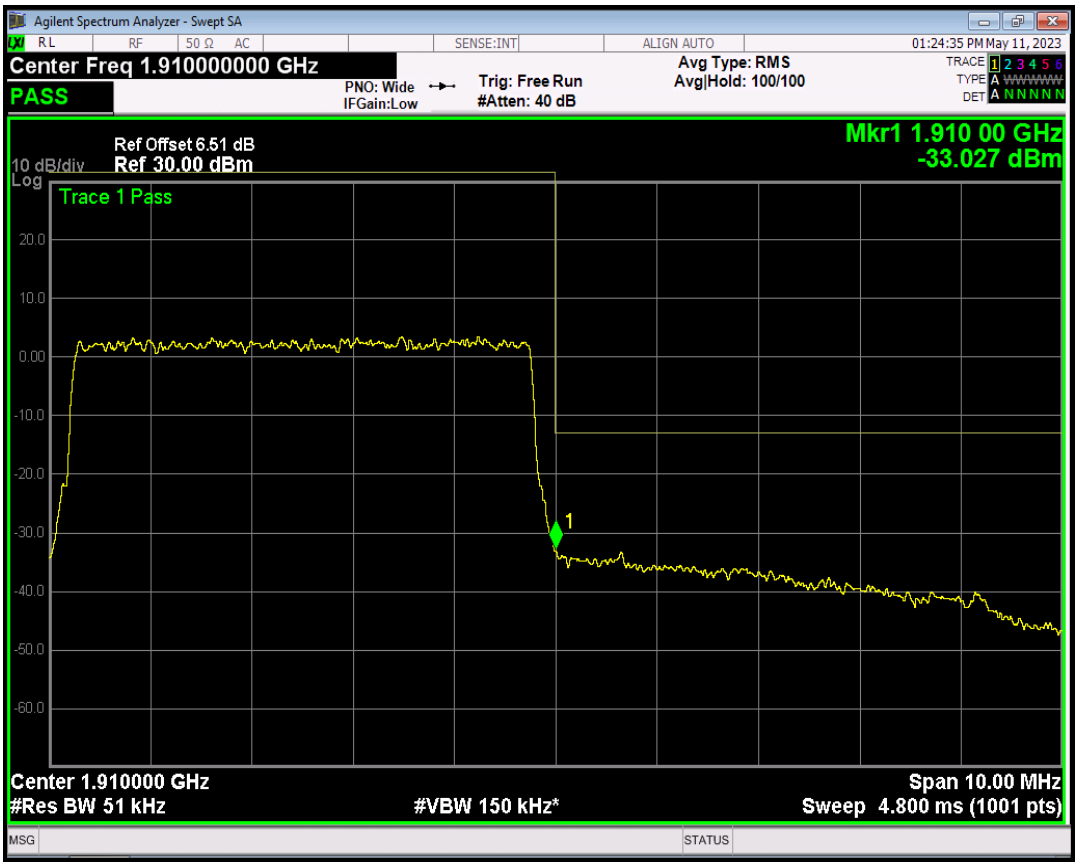
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



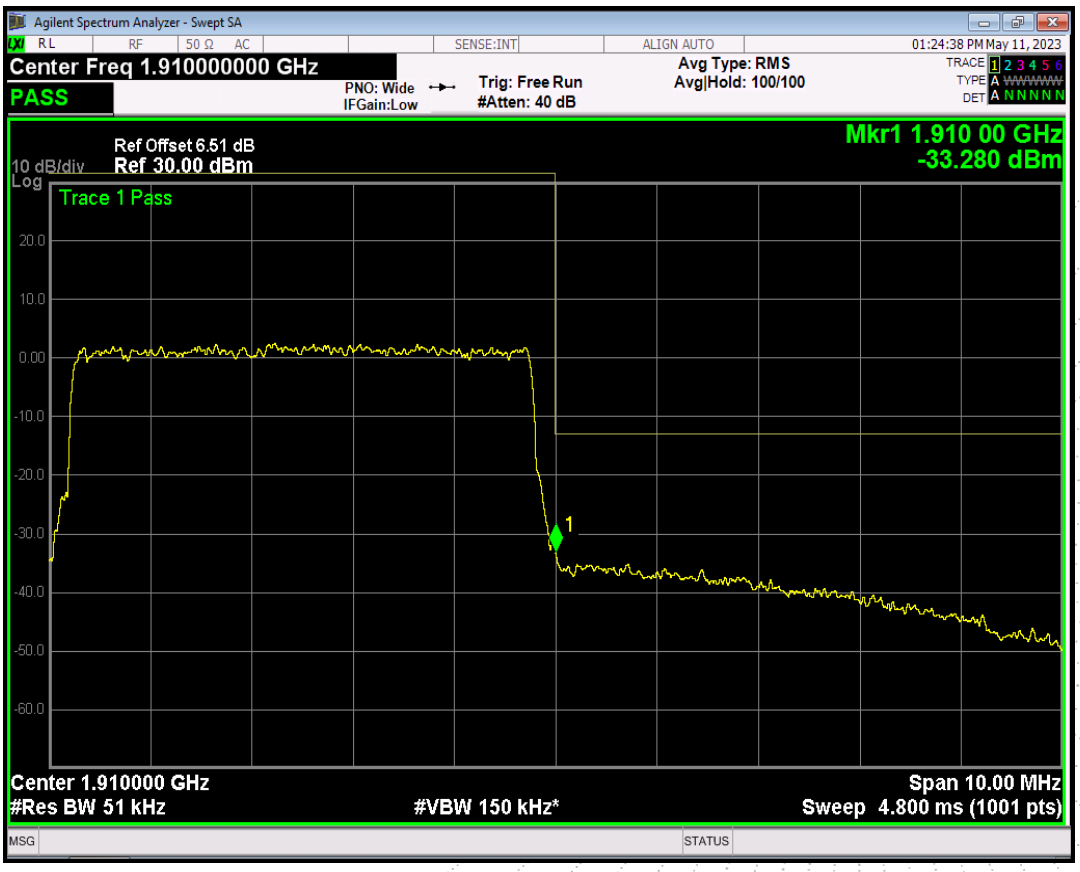
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



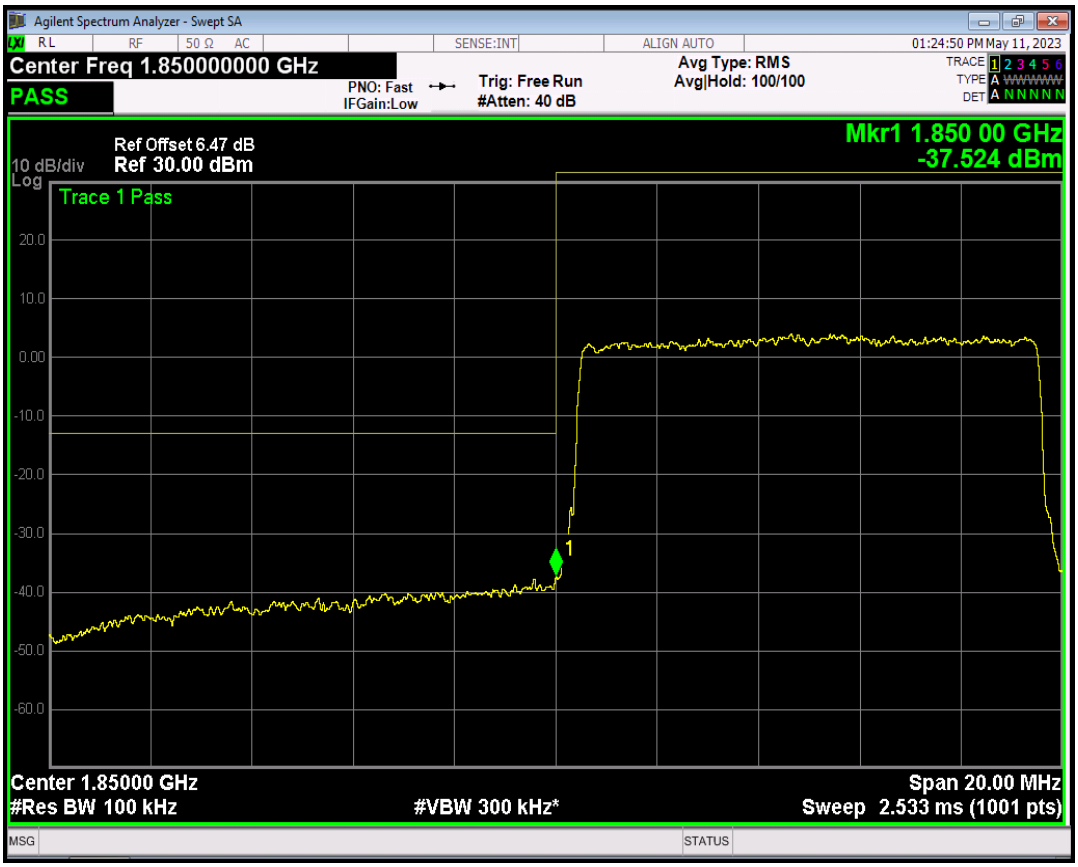
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



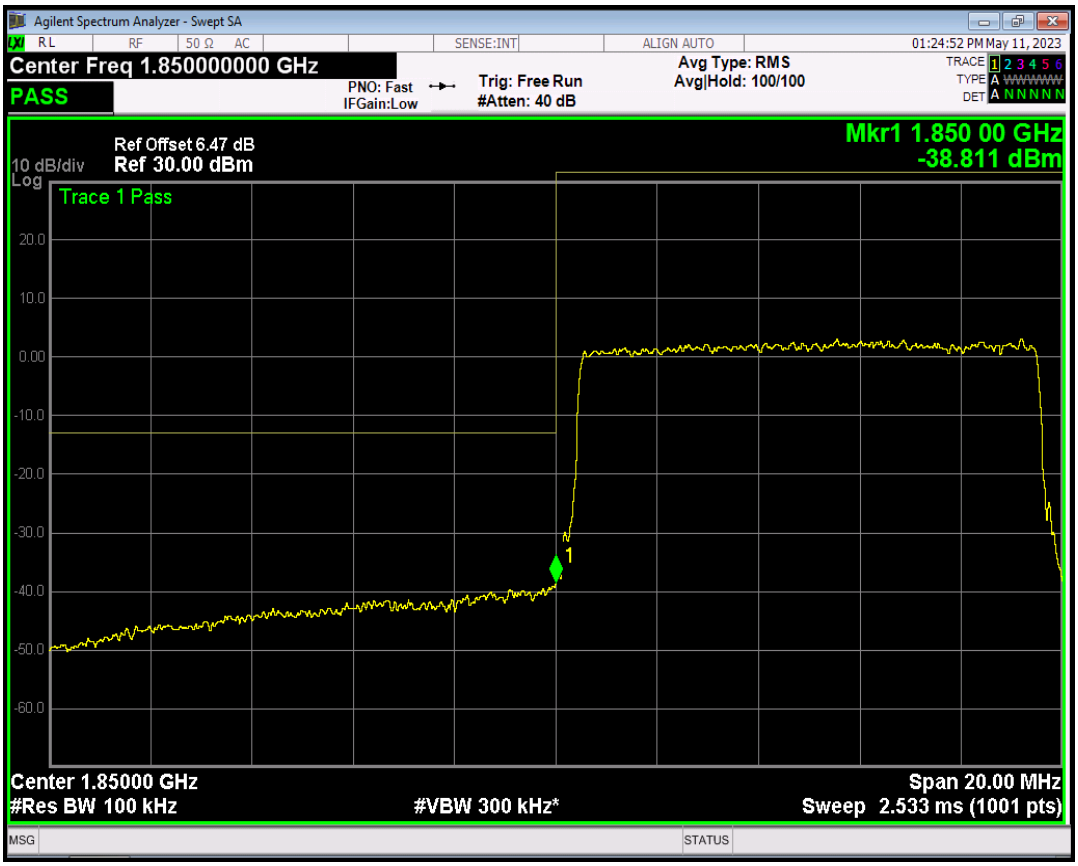
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



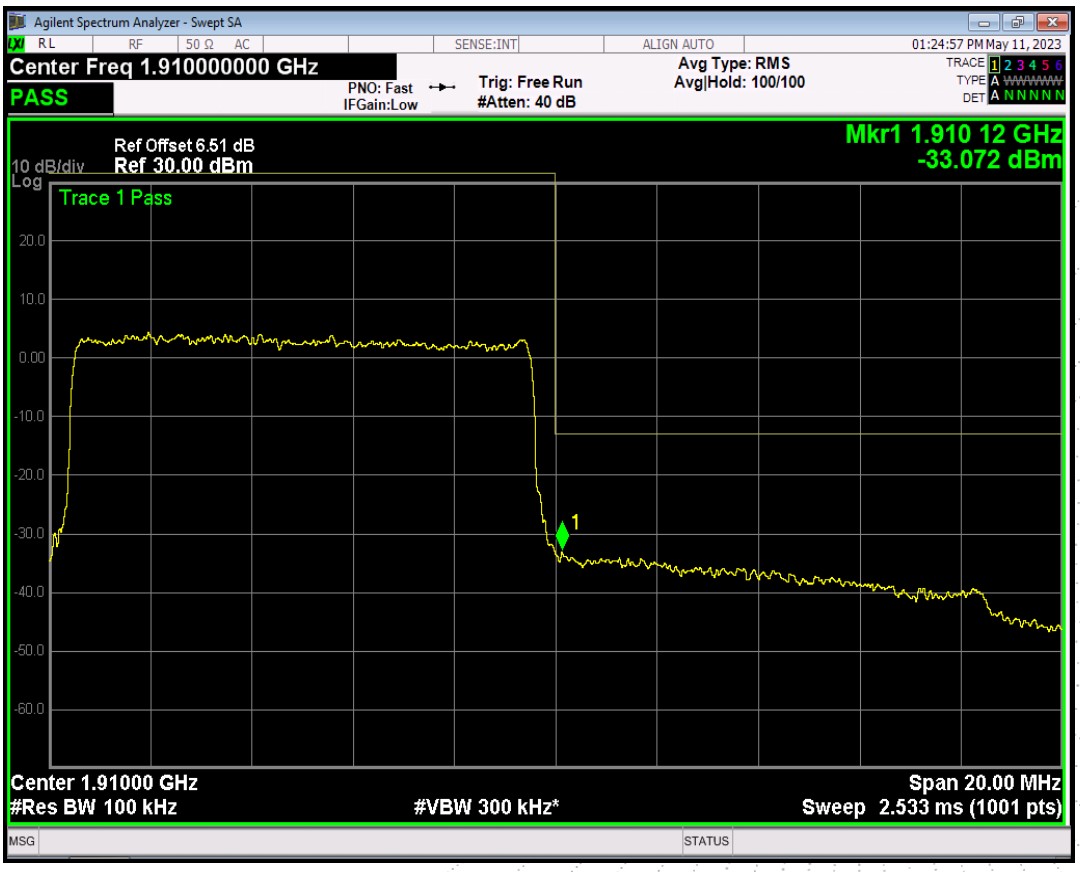
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



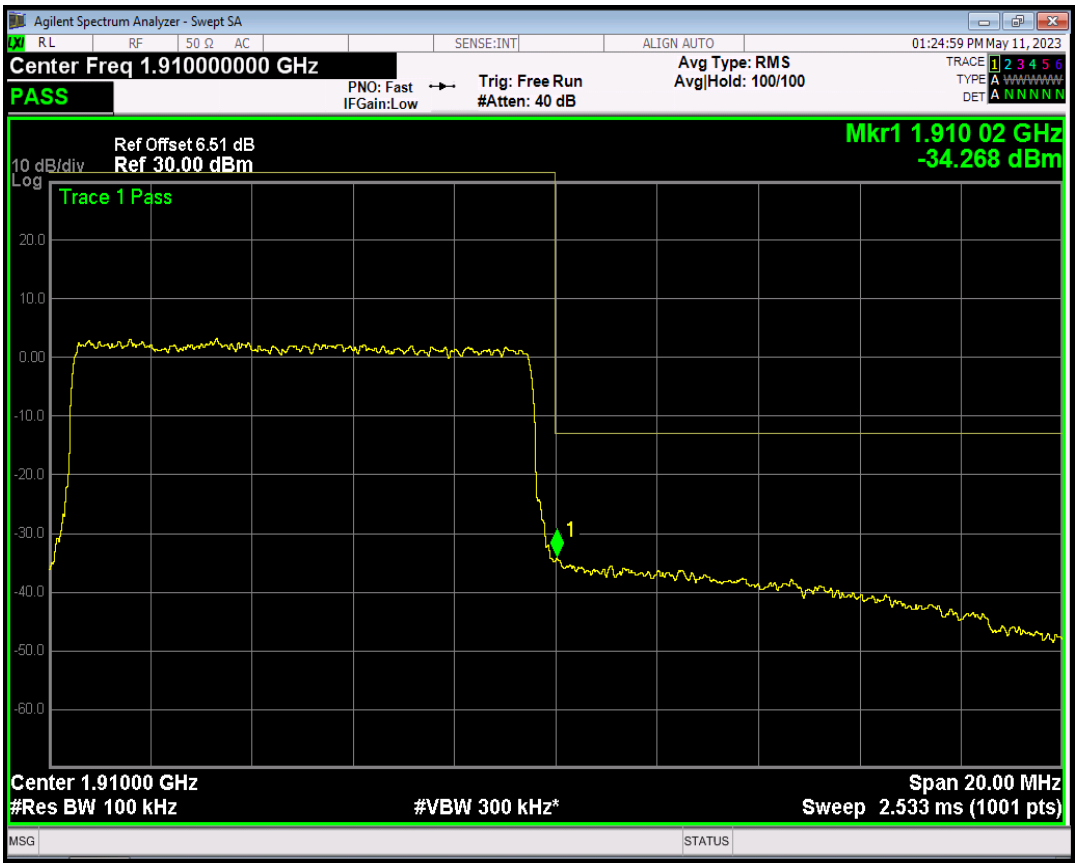
Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



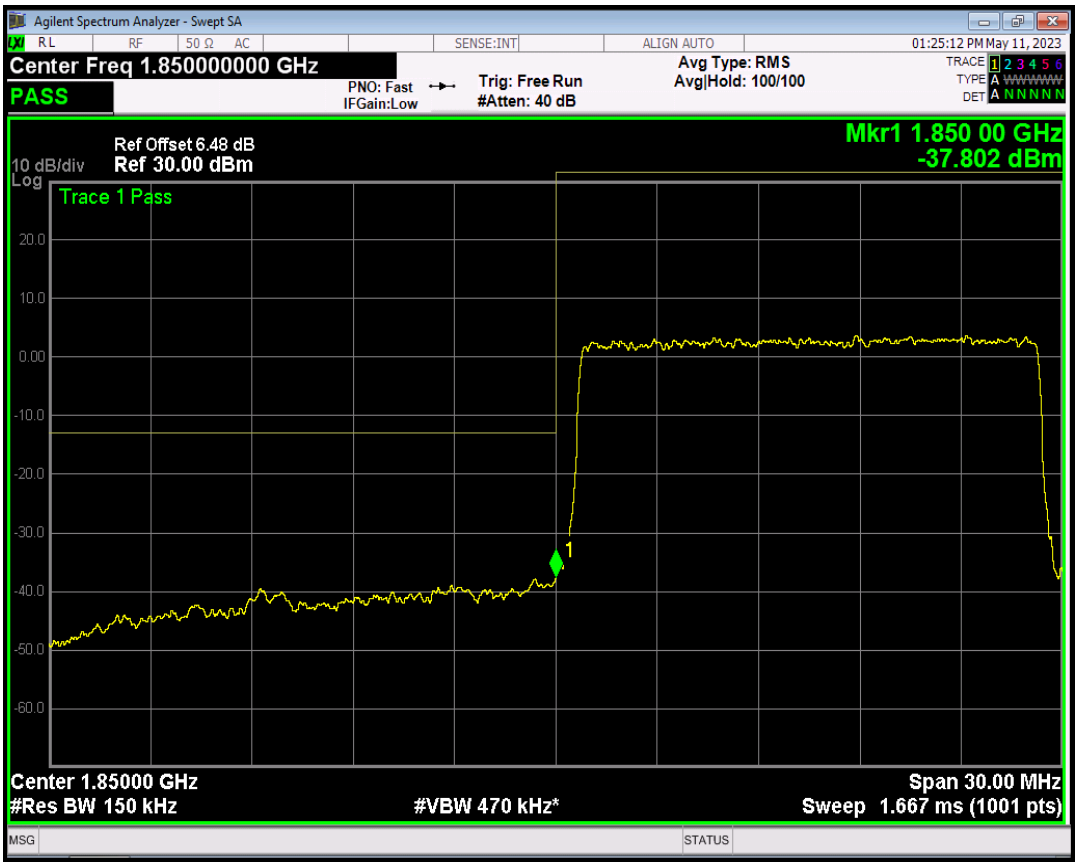
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



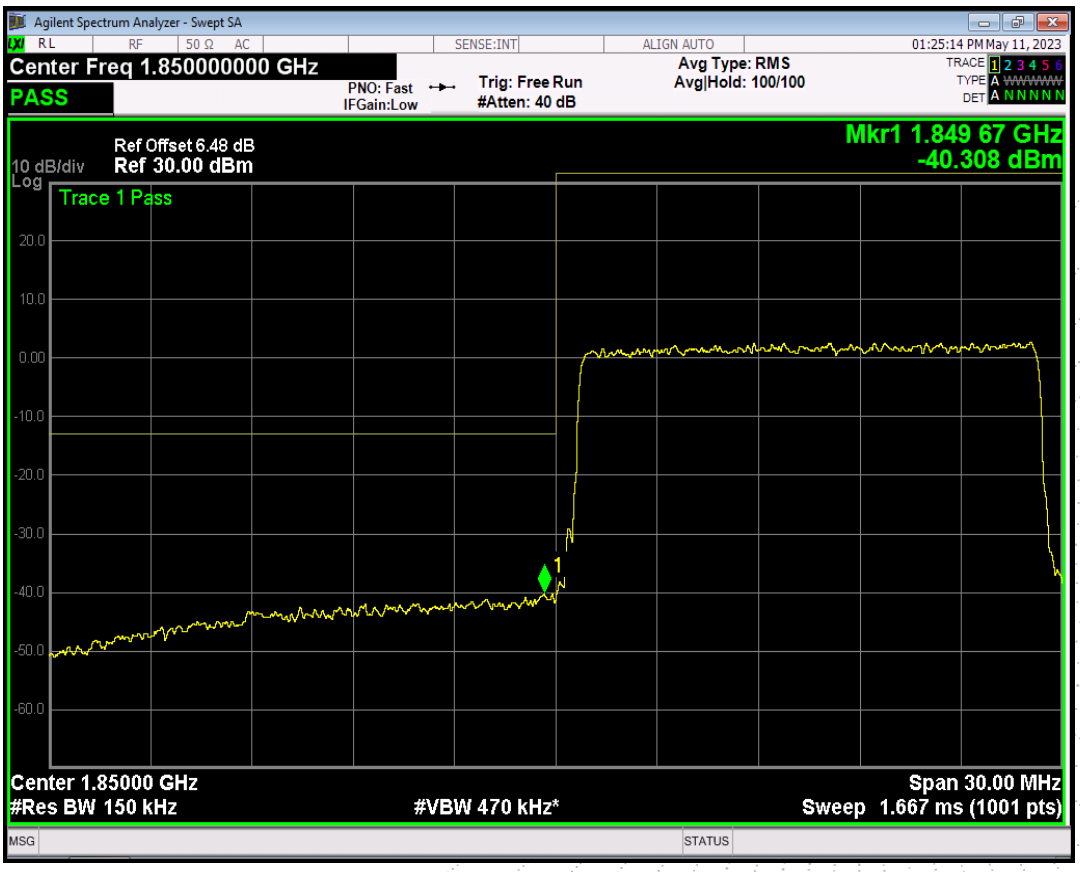
Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



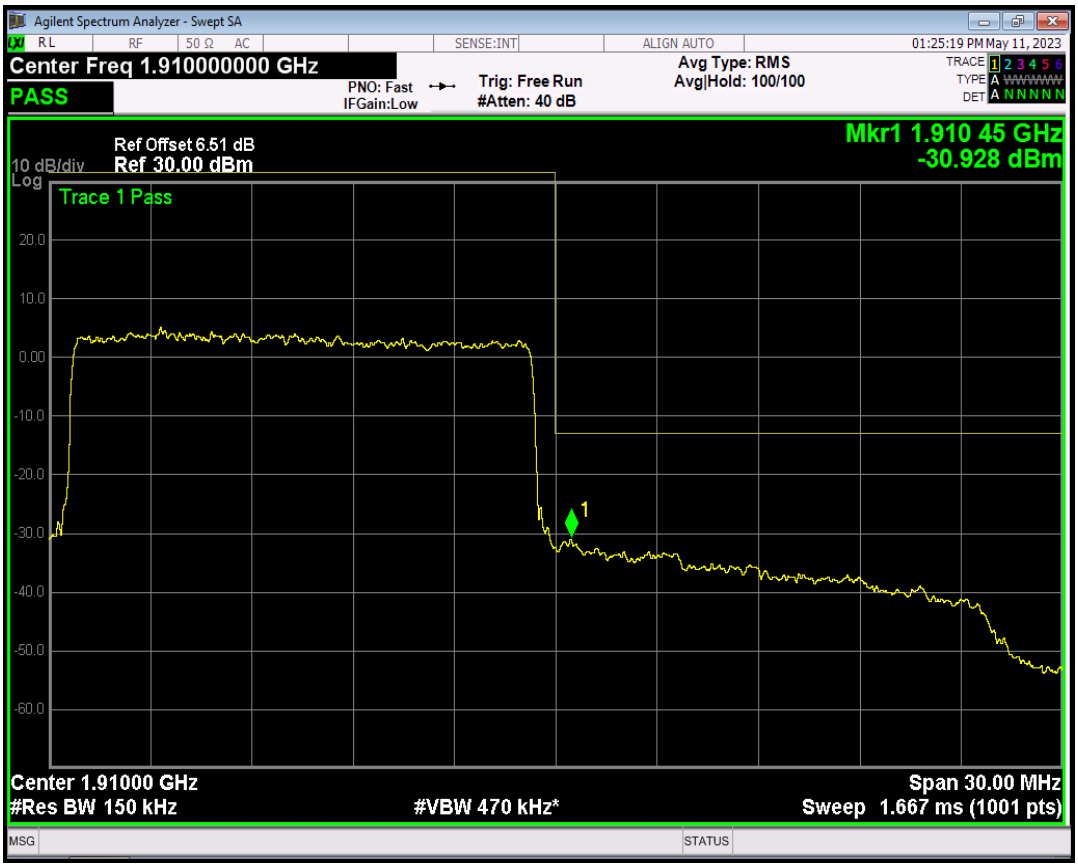
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



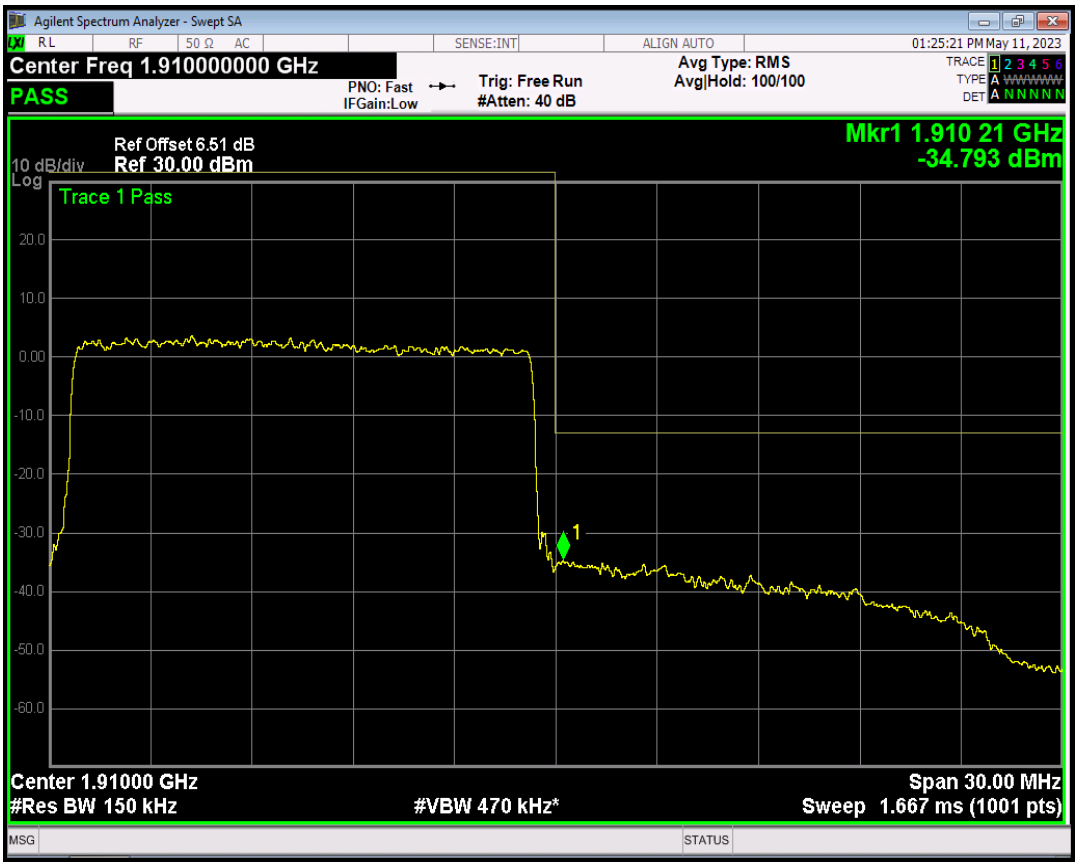
Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



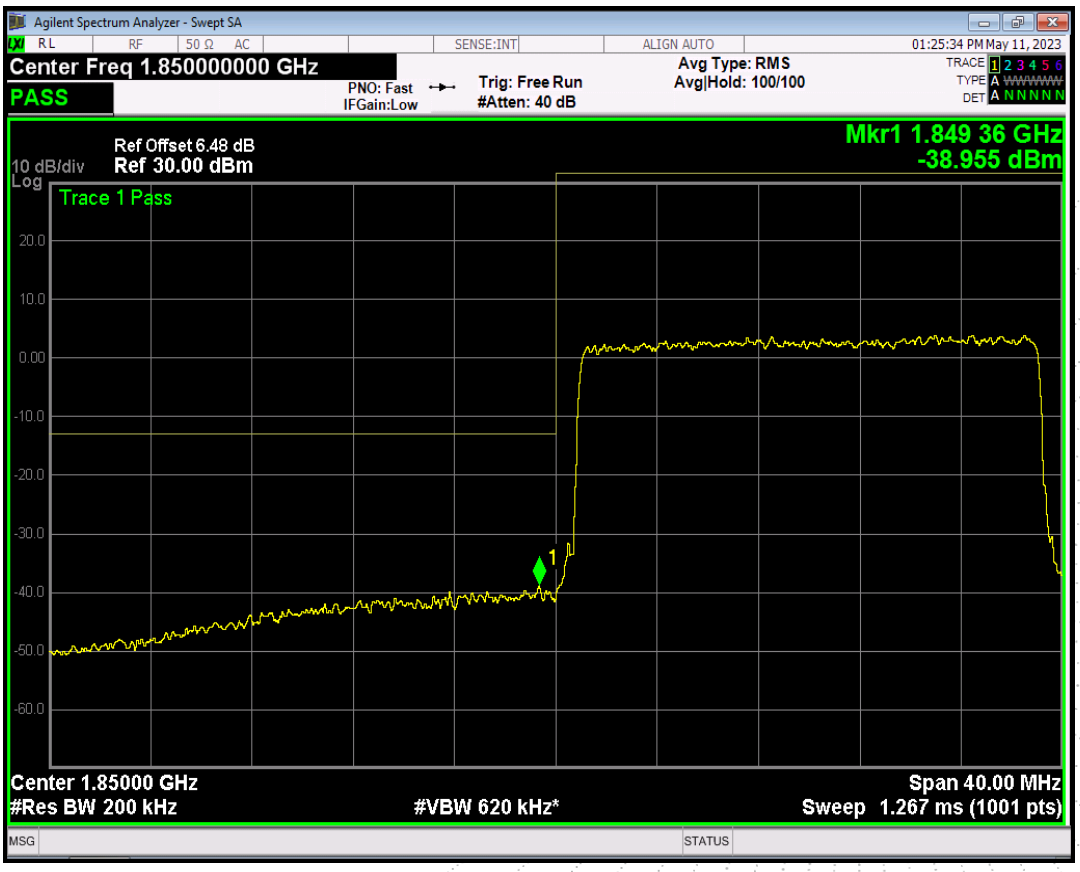
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



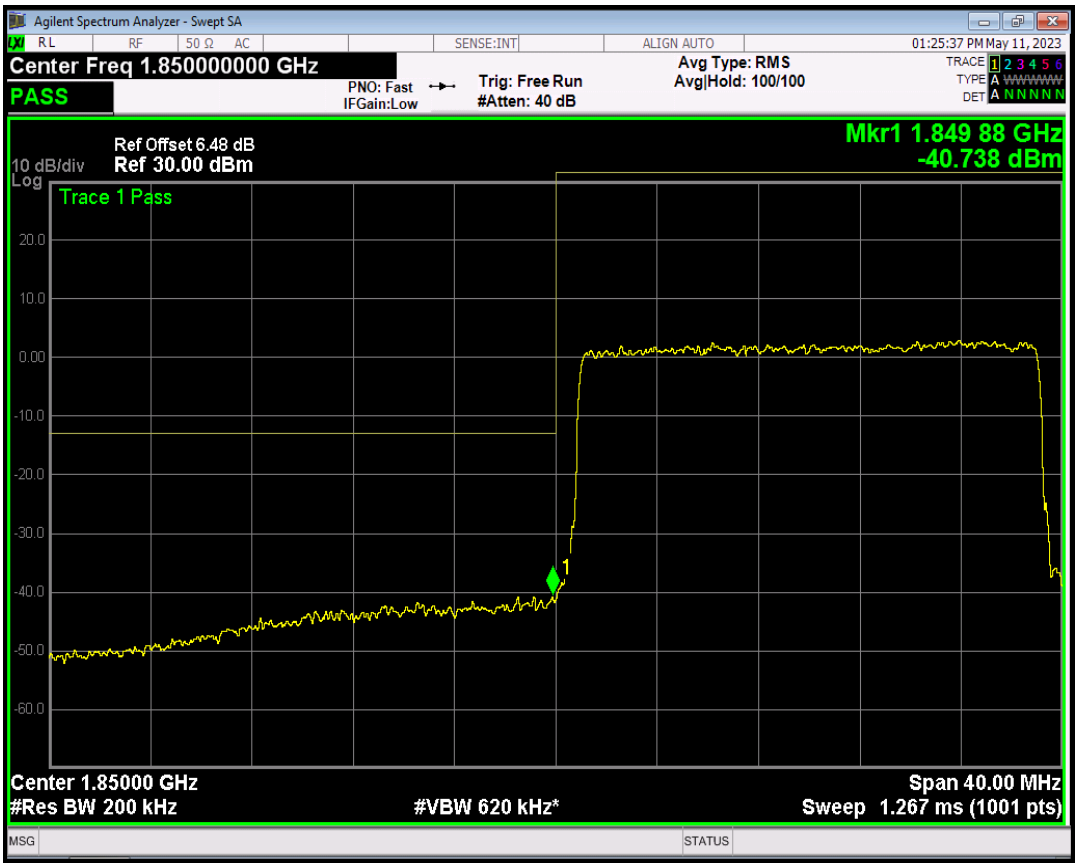
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



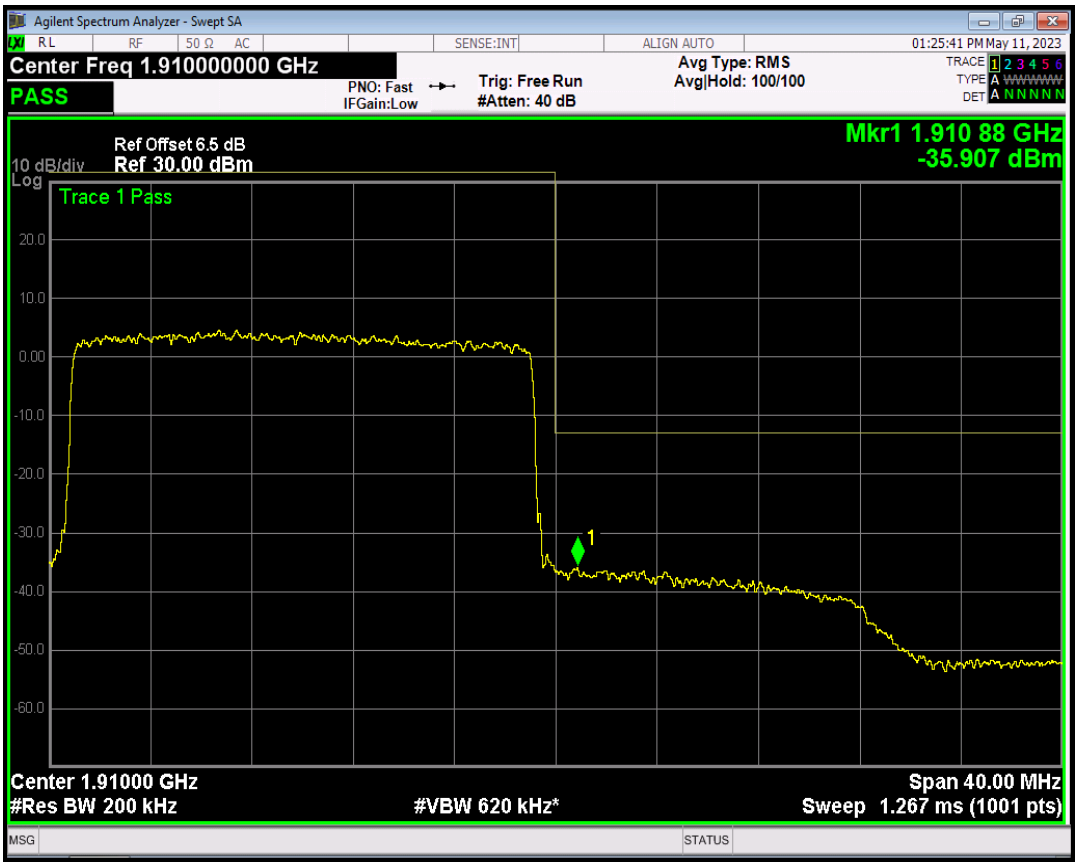
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



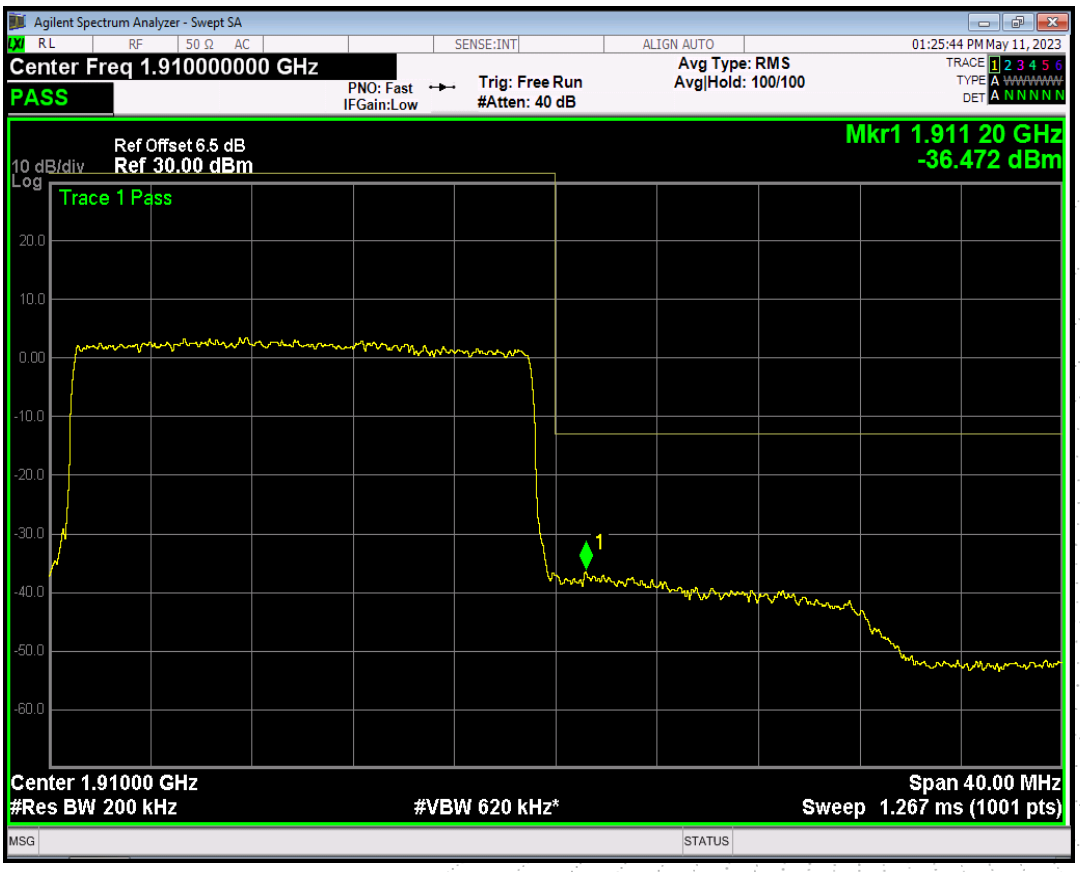
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



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



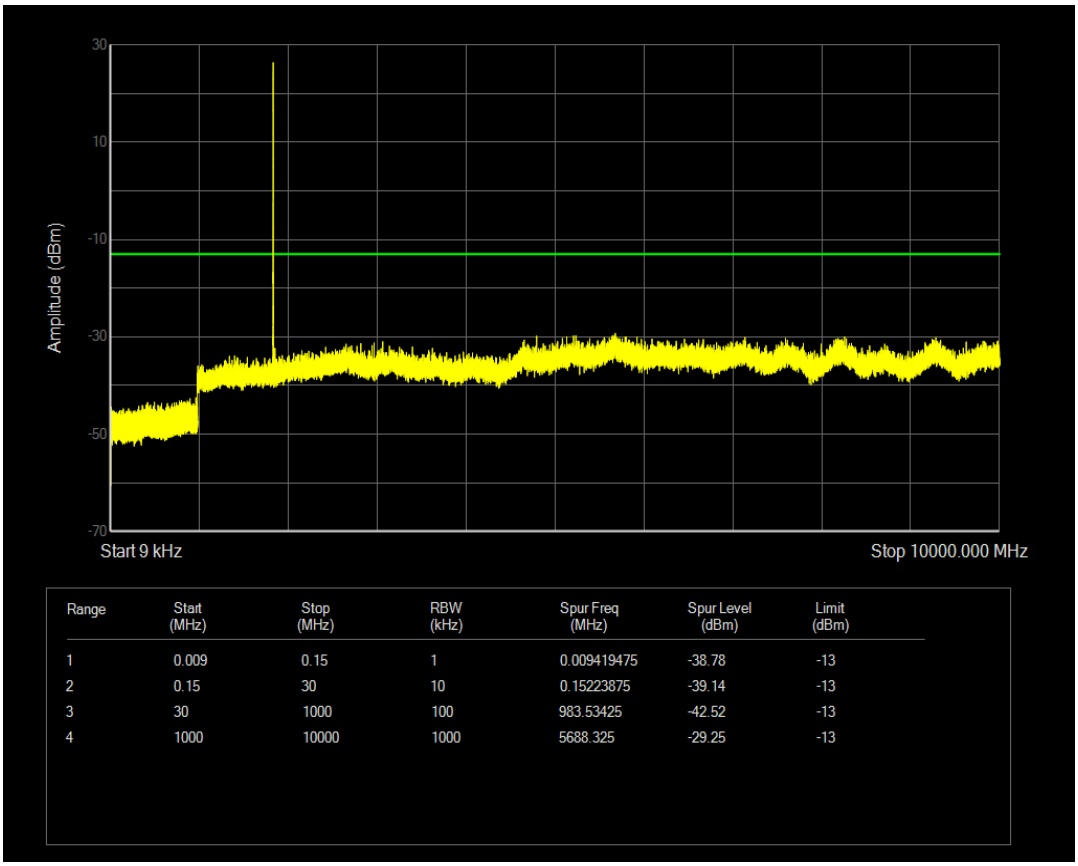
Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0



Appendix 6. Out-of-band emissions

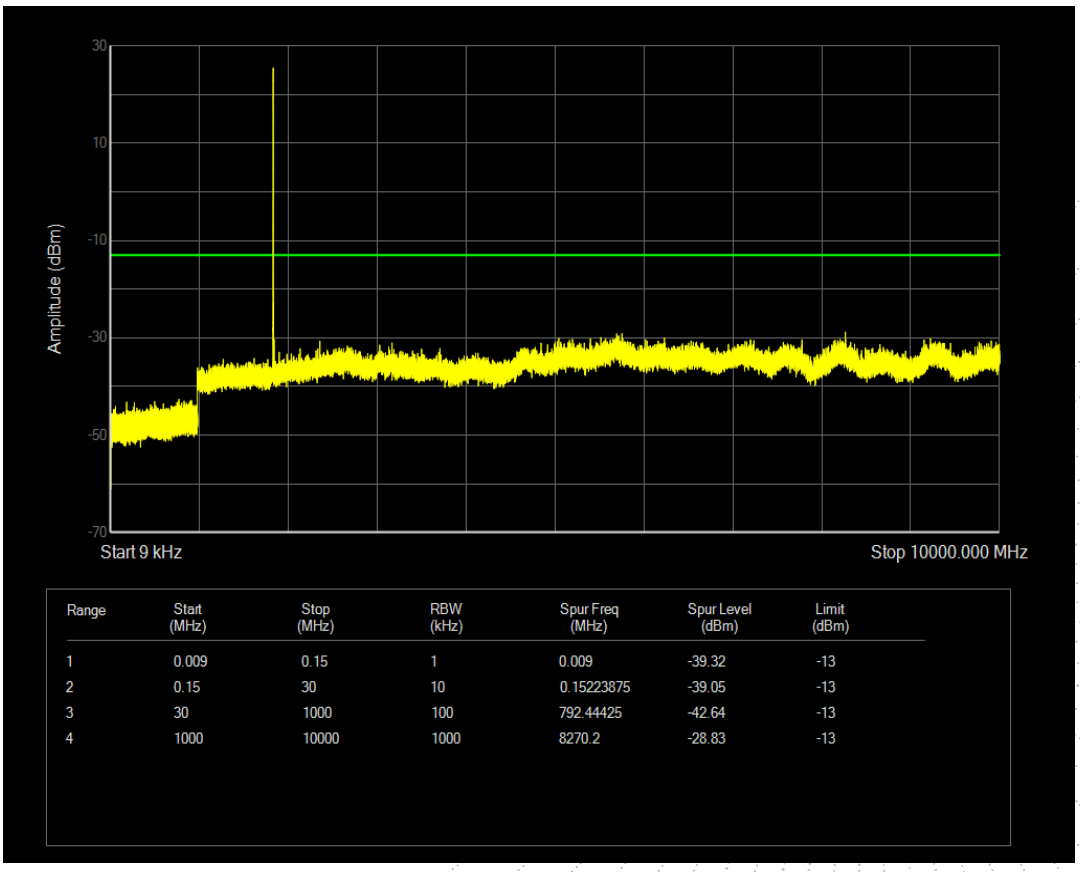
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	5688.33	-29.25	-13	PASS
Band2	1.4	18607	6	#0	16QAM	8270.20	-28.83	-13	PASS
Band2	1.4	18900	6	#0	QPSK	7104.70	-28.73	-13	PASS
Band2	1.4	18900	6	#0	16QAM	5337.33	-29.19	-13	PASS
Band2	1.4	19193	6	#0	QPSK	5796.33	-28.50	-13	PASS
Band2	1.4	19193	6	#0	16QAM	5680.68	-27.99	-13	PASS
Band2	3	18615	15	#0	QPSK	5648.50	-28.84	-13	PASS
Band2	3	18615	15	#0	16QAM	5684.95	-28.54	-13	PASS
Band2	3	18900	15	#0	QPSK	5765.05	-28.90	-13	PASS
Band2	3	18900	15	#0	16QAM	5737.15	-27.99	-13	PASS
Band2	3	19185	15	#0	QPSK	5665.38	-29.08	-13	PASS
Band2	3	19185	15	#0	16QAM	5736.70	-28.62	-13	PASS
Band2	5	18625	25	#0	QPSK	5652.10	-28.81	-13	PASS
Band2	5	18625	25	#0	16QAM	5727.70	-29.38	-13	PASS
Band2	5	18900	25	#0	QPSK	5661.55	-28.96	-13	PASS
Band2	5	18900	25	#0	16QAM	7155.55	-29.55	-13	PASS
Band2	5	19175	25	#0	QPSK	9230.05	-28.16	-13	PASS
Band2	5	19175	25	#0	16QAM	5674.38	-28.75	-13	PASS
Band2	10	18650	50	#0	QPSK	5808.93	-28.92	-13	PASS
Band2	10	18650	50	#0	16QAM	5691.93	-28.65	-13	PASS
Band2	10	18900	50	#0	QPSK	6276.93	-29.24	-13	PASS
Band2	10	18900	50	#0	16QAM	5678.43	-28.94	-13	PASS
Band2	10	19150	50	#0	QPSK	5718.93	-29.31	-13	PASS
Band2	10	19150	50	#0	16QAM	5688.55	-28.86	-13	PASS
Band2	15	18675	75	#0	QPSK	5638.15	-28.75	-13	PASS
Band2	15	18675	75	#0	16QAM	5712.63	-29.10	-13	PASS
Band2	15	18900	75	#0	QPSK	5684.28	-28.99	-13	PASS
Band2	15	18900	75	#0	16QAM	5738.28	-29.19	-13	PASS
Band2	15	19125	75	#0	QPSK	5700.93	-29.01	-13	PASS
Band2	15	19125	75	#0	16QAM	5658.18	-27.93	-13	PASS
Band2	20	18700	100	#0	QPSK	5783.95	-28.75	-13	PASS
Band2	20	18700	100	#0	16QAM	5760.55	-29.41	-13	PASS
Band2	20	18900	100	#0	QPSK	5660.65	-28.86	-13	PASS
Band2	20	18900	100	#0	16QAM	5744.58	-29.19	-13	PASS
Band2	20	19100	100	#0	QPSK	5653.90	-28.59	-13	PASS
Band2	20	19100	100	#0	16QAM	5713.53	-28.98	-13	PASS

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



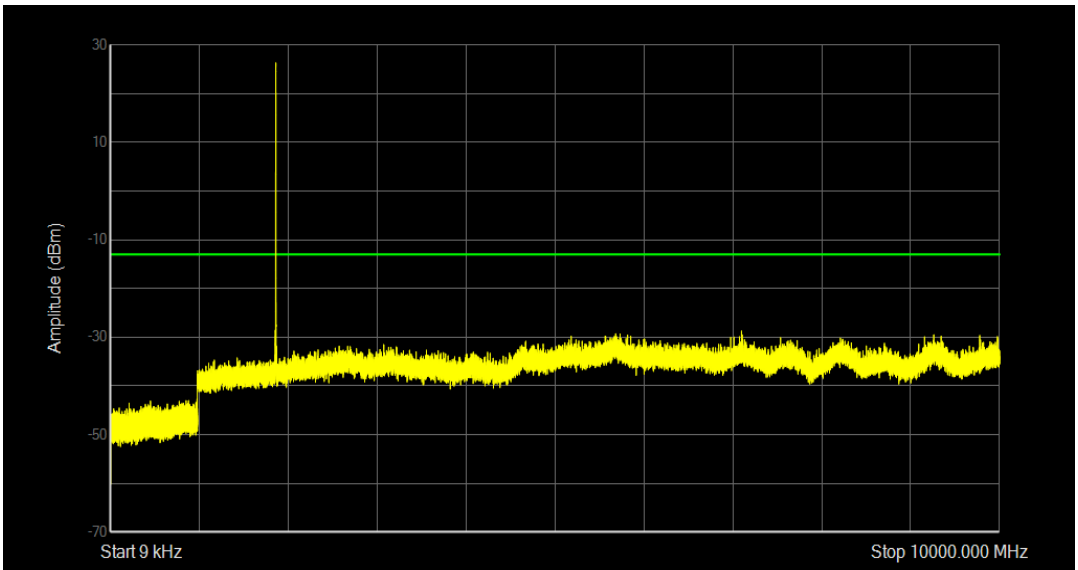
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009419475	-38.78	-13
2	0.15	30	10	0.15223875	-39.14	-13
3	30	1000	100	983.53425	-42.52	-13
4	1000	10000	1000	5688.325	-29.25	-13

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



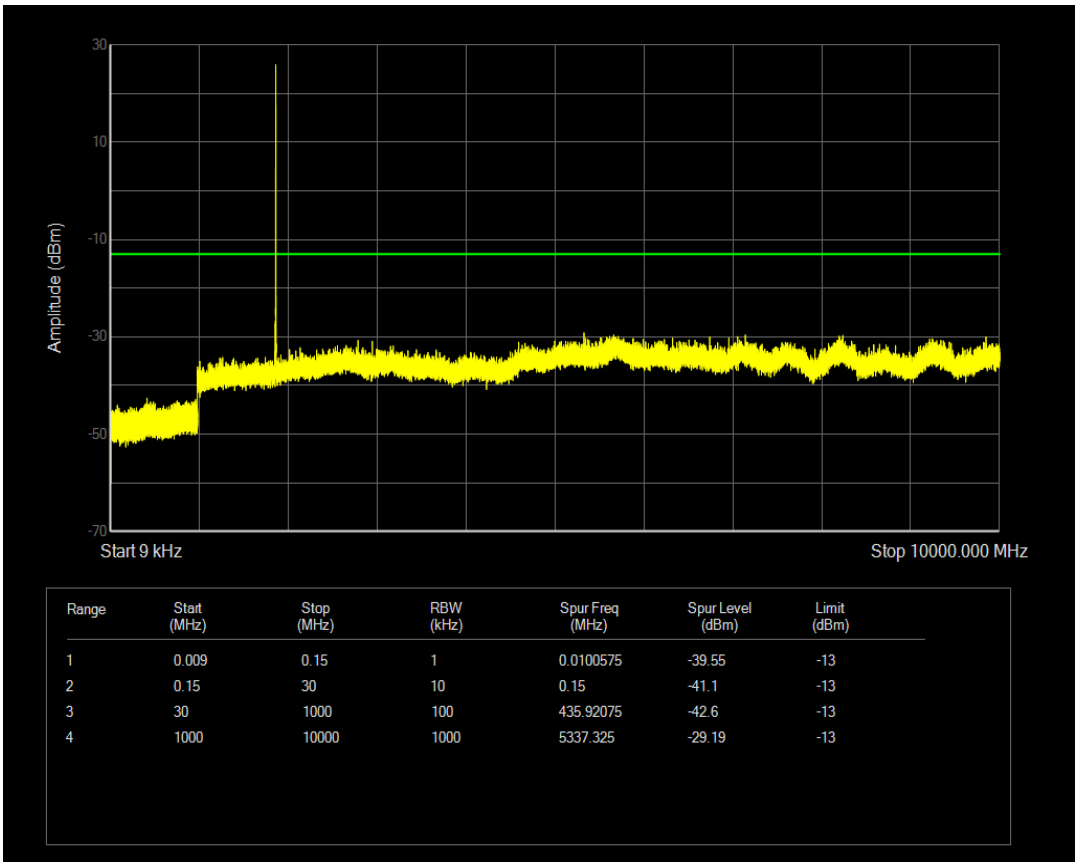
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-39.32	-13
2	0.15	30	10	0.15223875	-39.05	-13
3	30	1000	100	792.44425	-42.64	-13
4	1000	10000	1000	8270.2	-28.83	-13

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



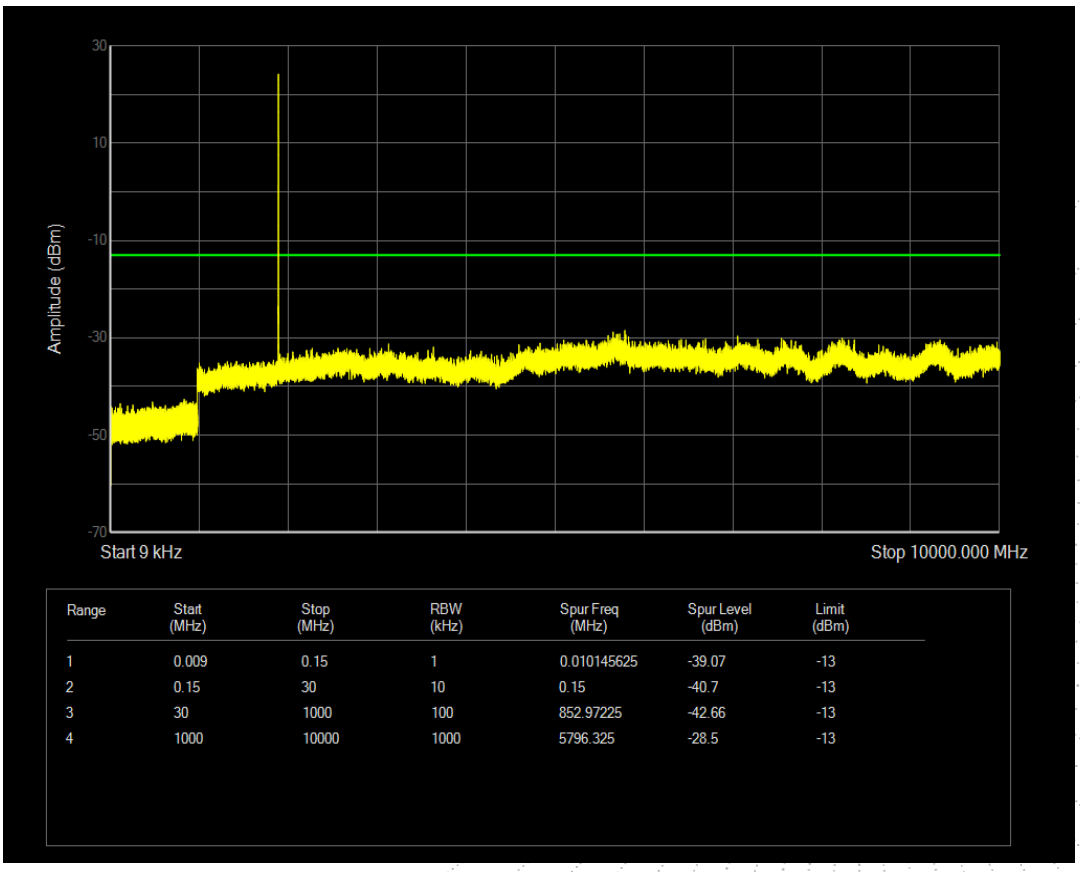
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-38.64	-13
2	0.15	30	10	0.15522375	-40.71	-13
3	30	1000	100	997.478	-42.69	-13
4	1000	10000	1000	7104.7	-28.73	-13

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



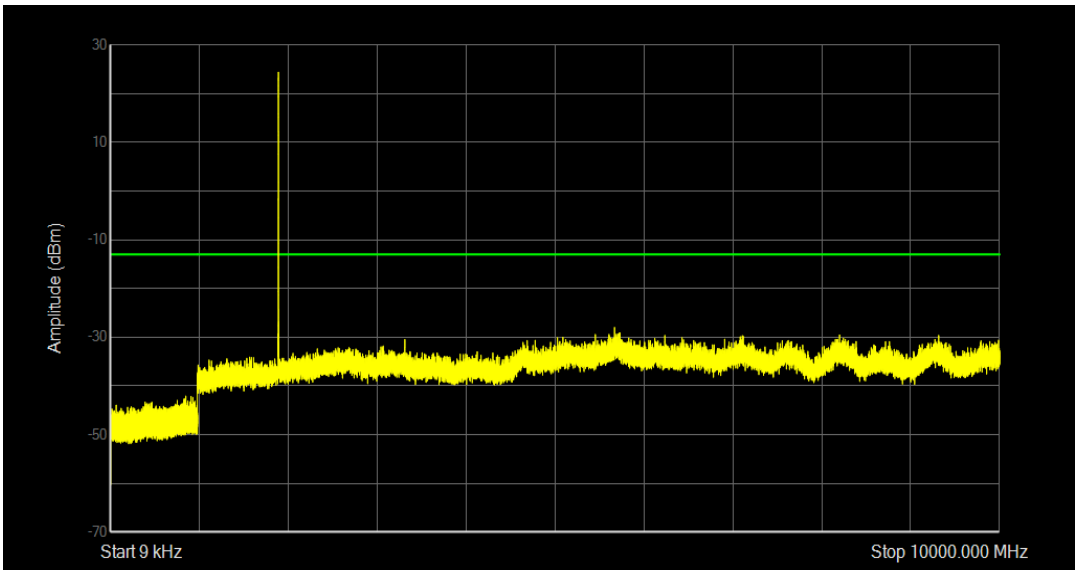
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100575	-39.55	-13
2	0.15	30	10	0.15	-41.1	-13
3	30	1000	100	435.92075	-42.6	-13
4	1000	10000	1000	5337.325	-29.19	-13

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



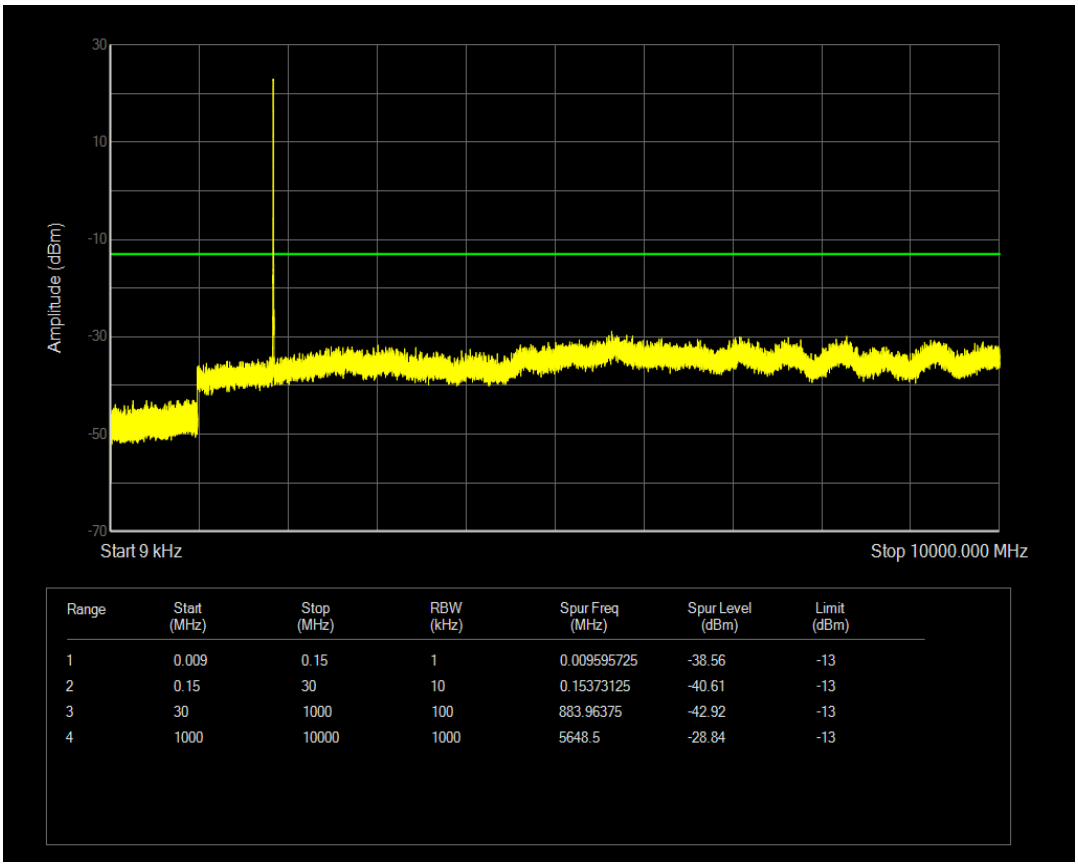
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010145625	-39.07	-13
2	0.15	30	10	0.15	-40.7	-13
3	30	1000	100	852.97225	-42.66	-13
4	1000	10000	1000	5796.325	-28.5	-13

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



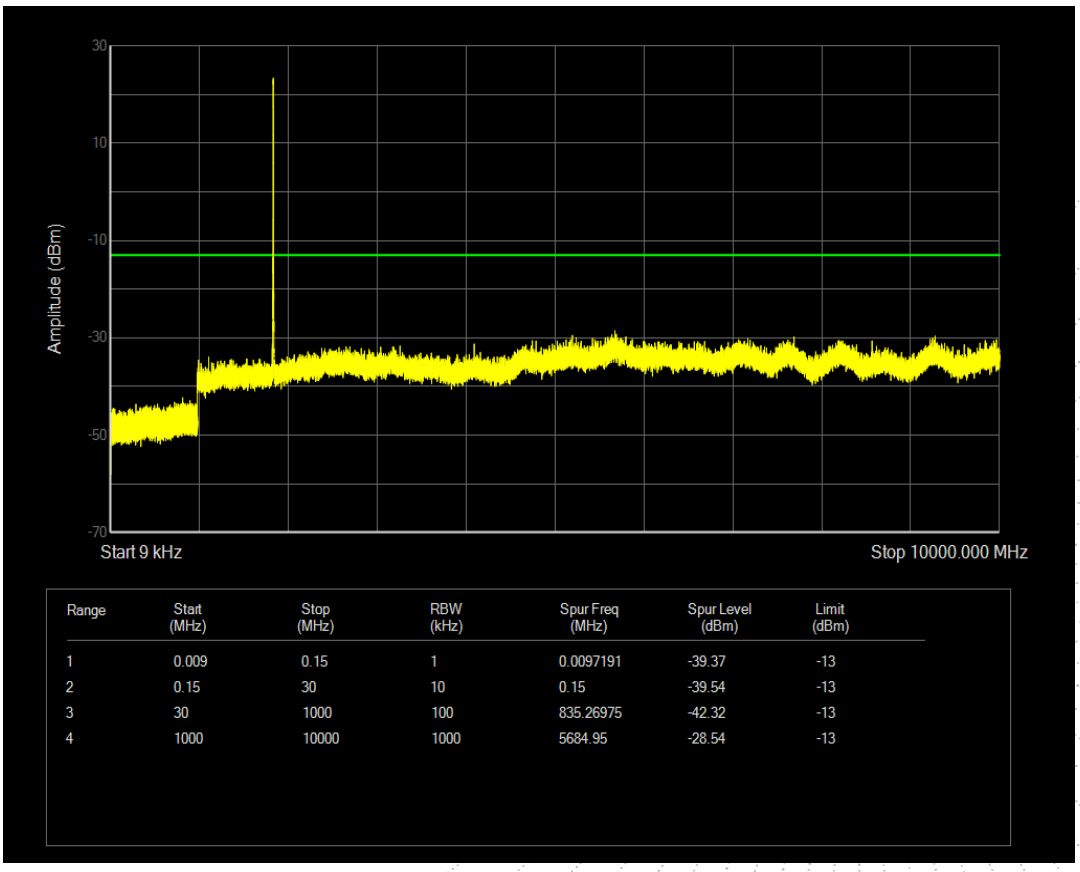
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009215025	-39.63	-13
2	0.15	30	10	0.15074625	-40.07	-13
3	30	1000	100	870.77175	-42.09	-13
4	1000	10000	1000	5680.675	-27.99	-13

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



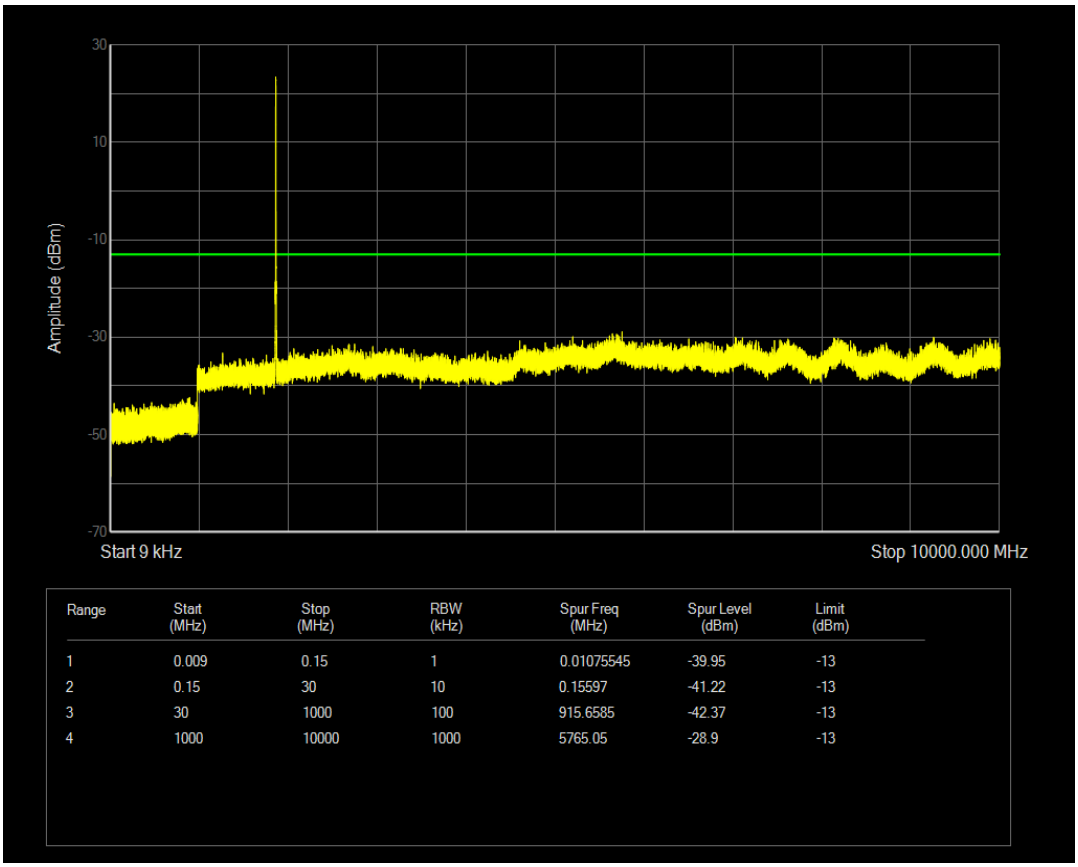
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009595725	-38.56	-13
2	0.15	30	10	0.15373125	-40.61	-13
3	30	1000	100	883.96375	-42.92	-13
4	1000	10000	1000	5648.5	-28.84	-13

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



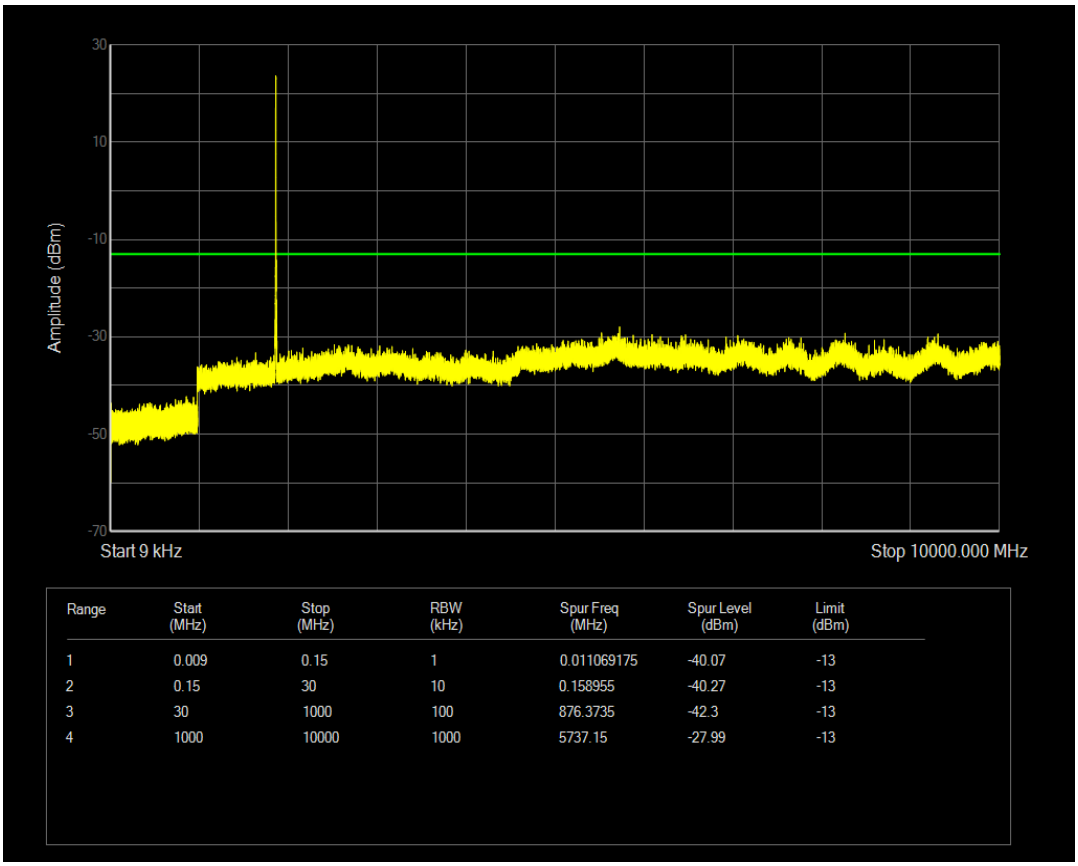
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0097191	-39.37	-13
2	0.15	30	10	0.15	-39.54	-13
3	30	1000	100	835.26975	-42.32	-13
4	1000	10000	1000	5684.95	-28.54	-13

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



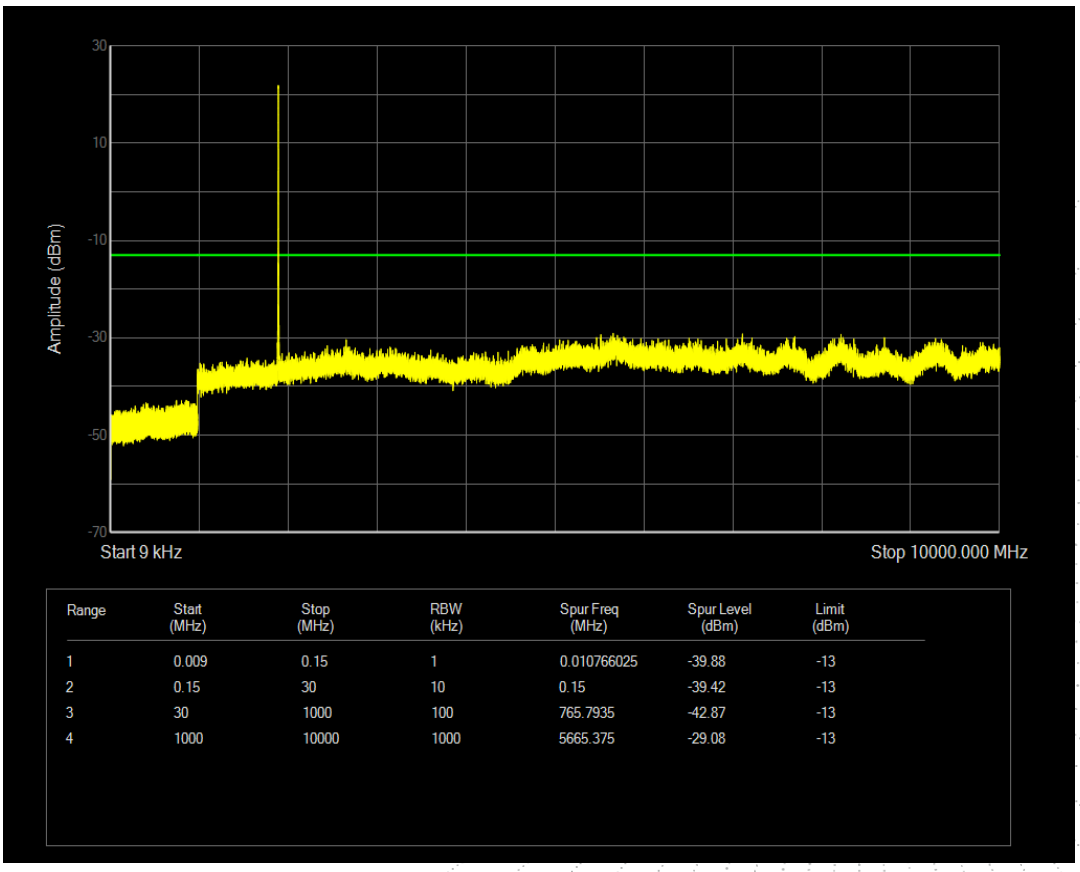
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01075545	-39.95	-13
2	0.15	30	10	0.15597	-41.22	-13
3	30	1000	100	915.6585	-42.37	-13
4	1000	10000	1000	5765.05	-28.9	-13

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



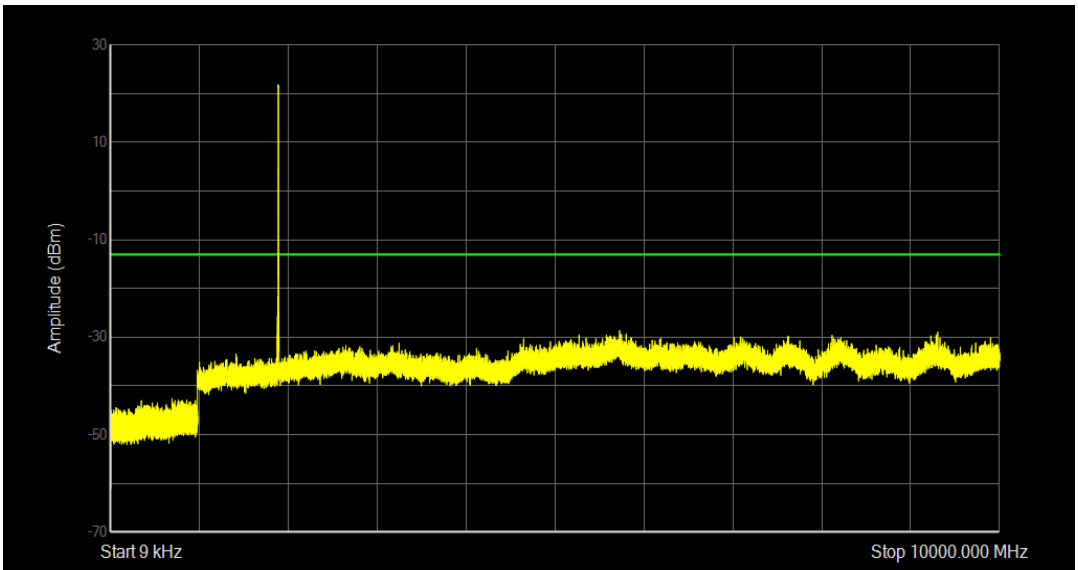
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011069175	-40.07	-13
2	0.15	30	10	0.158955	-40.27	-13
3	30	1000	100	876.3735	-42.3	-13
4	1000	10000	1000	5737.15	-27.99	-13

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



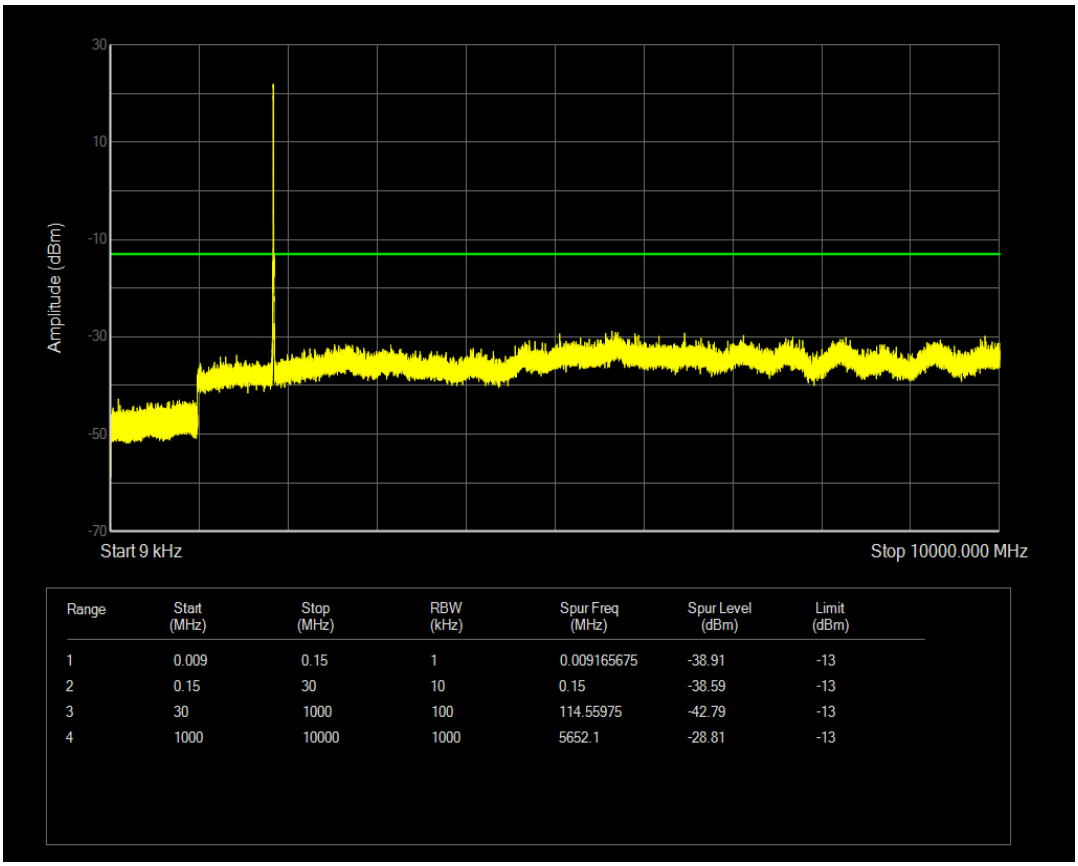
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010766025	-39.88	-13
2	0.15	30	10	0.15	-39.42	-13
3	30	1000	100	765.7935	-42.87	-13
4	1000	10000	1000	5665.375	-29.08	-13

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



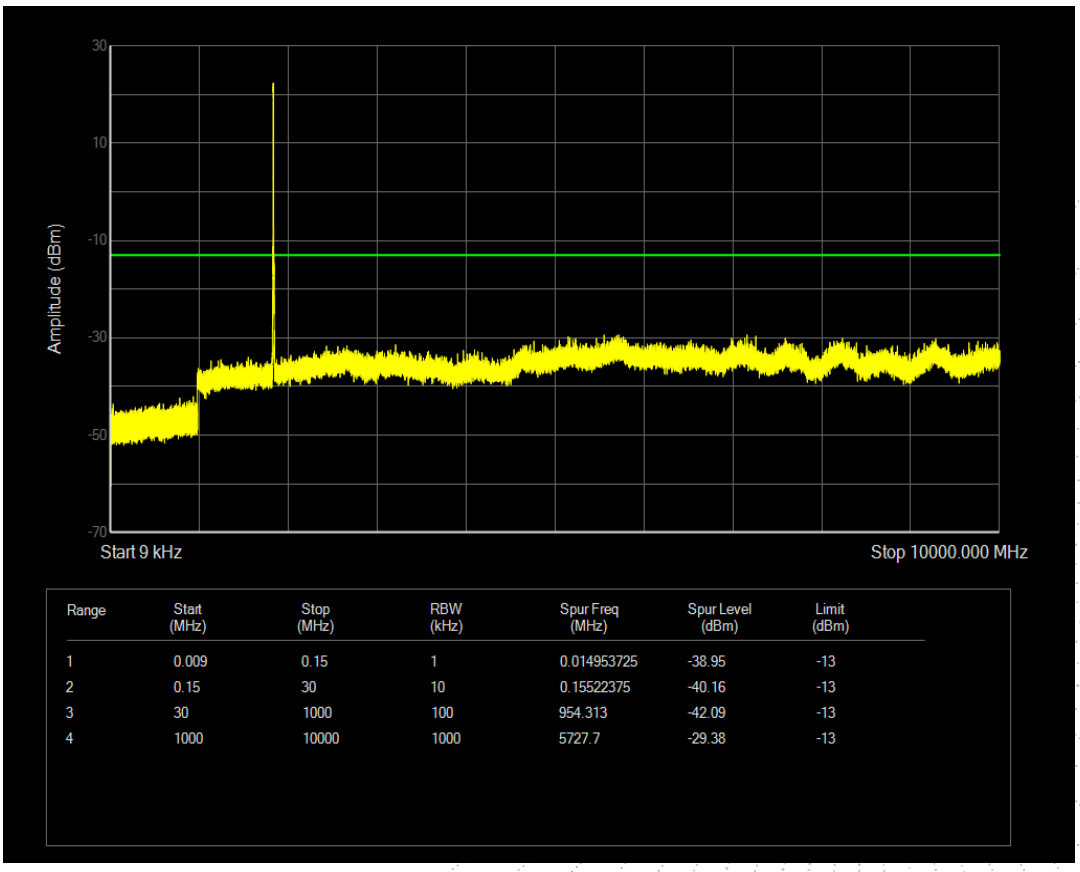
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009835425	-39.23	-13
2	0.15	30	10	0.15820875	-39.06	-13
3	30	1000	100	715.81425	-42.57	-13
4	1000	10000	1000	5736.7	-28.62	-13

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



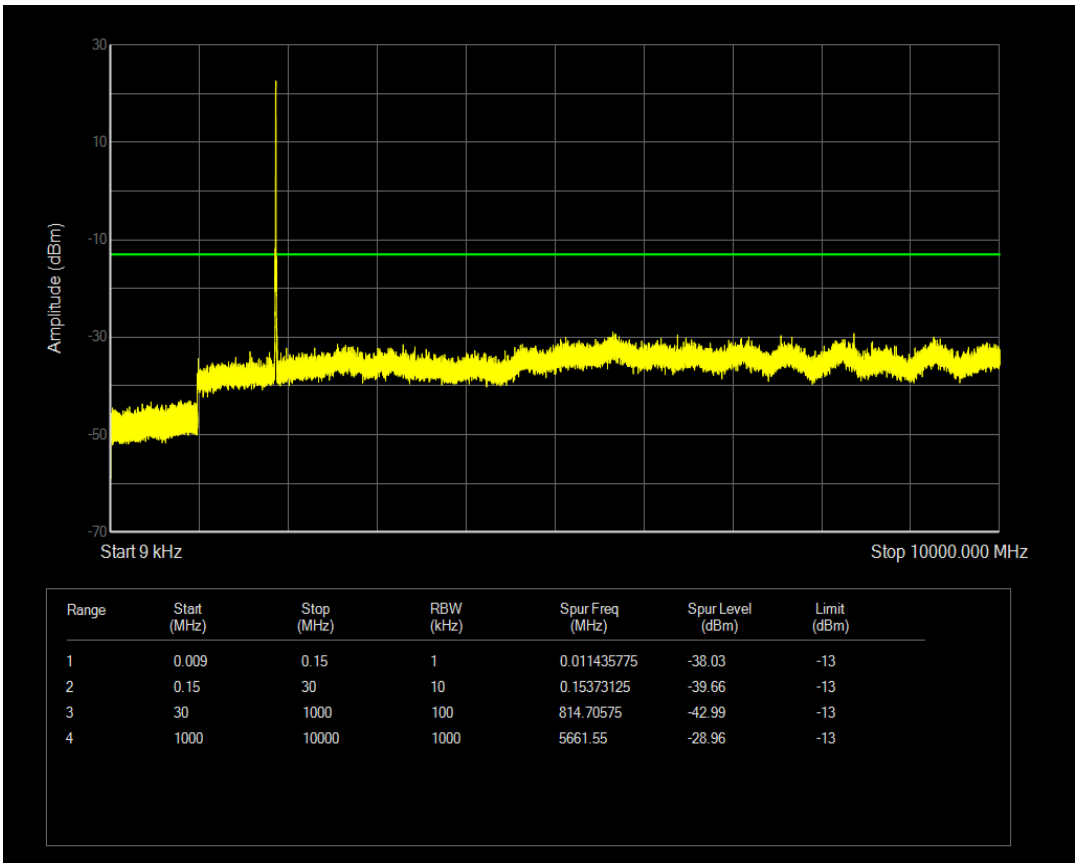
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009165675	-38.91	-13
2	0.15	30	10	0.15	-38.59	-13
3	30	1000	100	114.55975	-42.79	-13
4	1000	10000	1000	5652.1	-28.81	-13

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



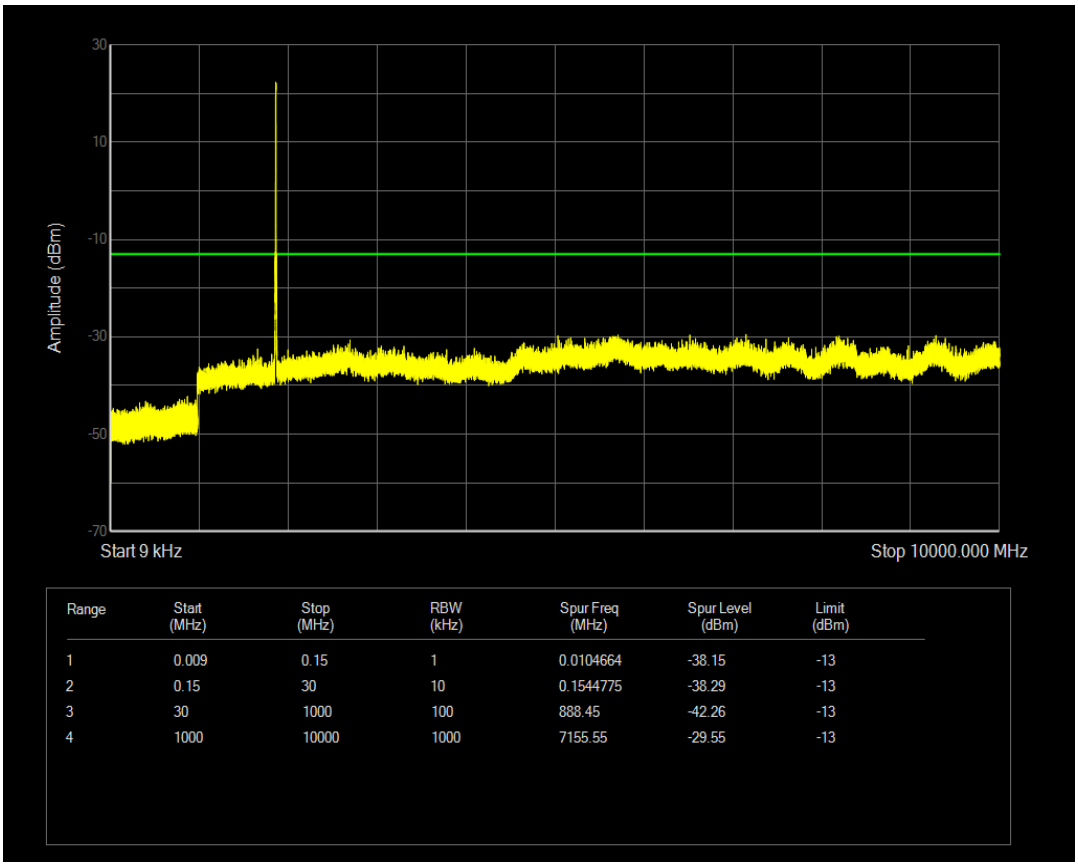
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.014953725	-38.95	-13
2	0.15	30	10	0.15522375	-40.16	-13
3	30	1000	100	954.313	-42.09	-13
4	1000	10000	1000	5727.7	-29.38	-13

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



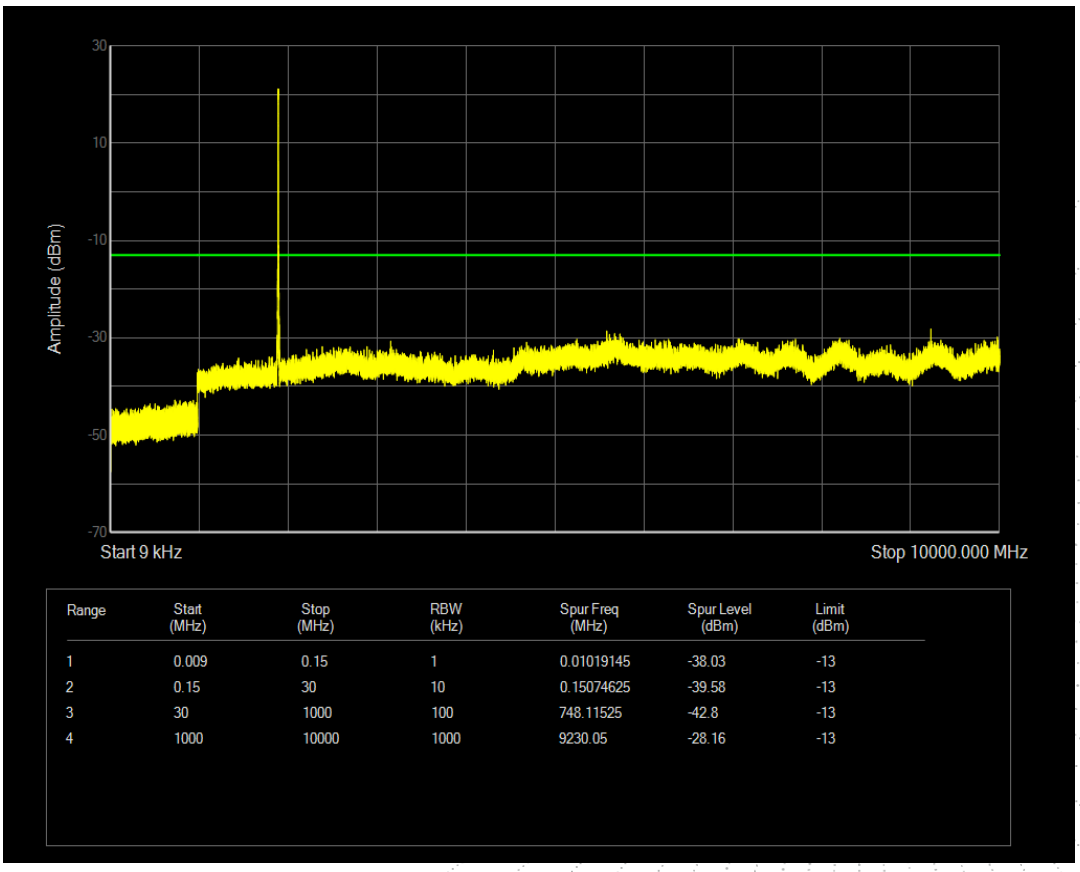
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011435775	-38.03	-13
2	0.15	30	10	0.15373125	-39.66	-13
3	30	1000	100	814.70575	-42.99	-13
4	1000	10000	1000	5661.55	-28.96	-13

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



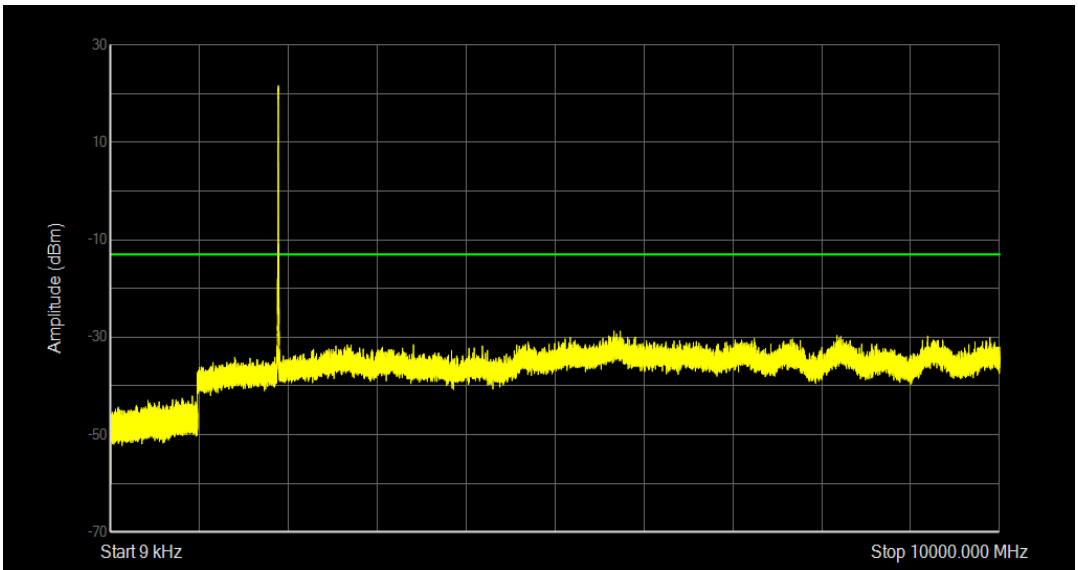
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0104664	-38.15	-13
2	0.15	30	10	0.1544775	-38.29	-13
3	30	1000	100	888.45	-42.26	-13
4	1000	10000	1000	7155.55	-29.55	-13

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



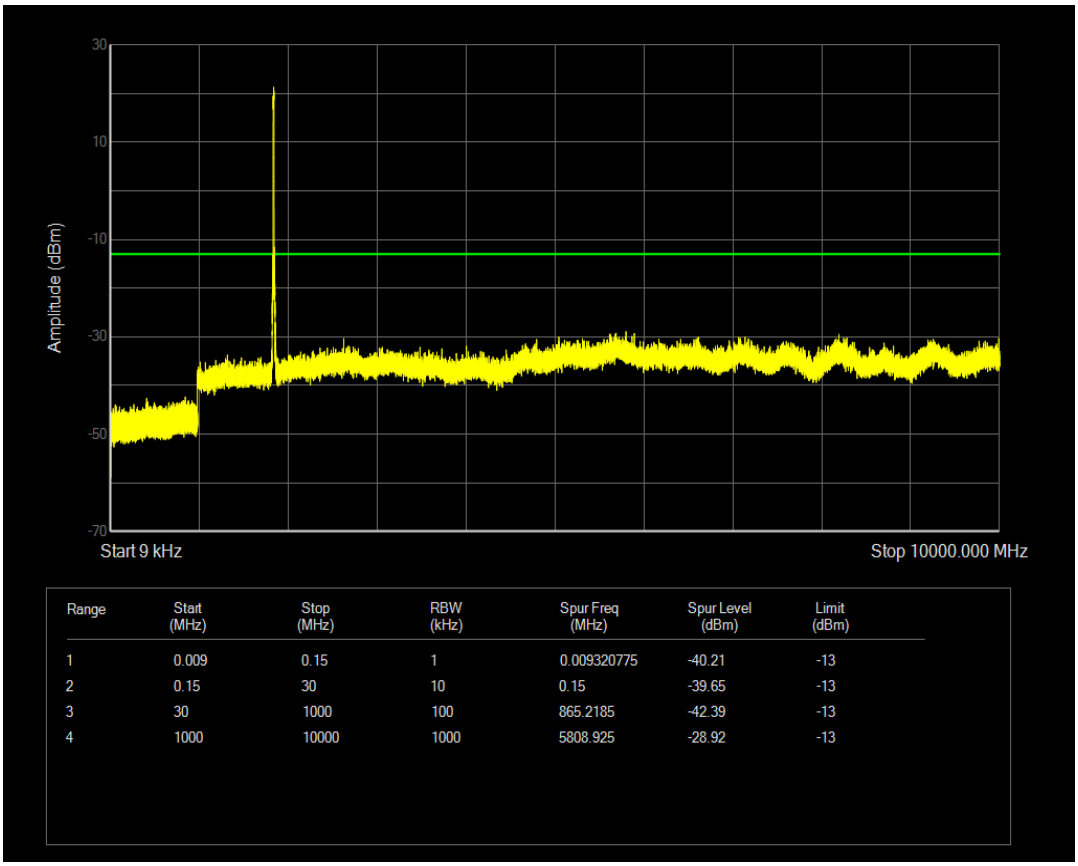
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01019145	-38.03	-13
2	0.15	30	10	0.15074625	-39.58	-13
3	30	1000	100	748.11525	-42.8	-13
4	1000	10000	1000	9230.05	-28.16	-13

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



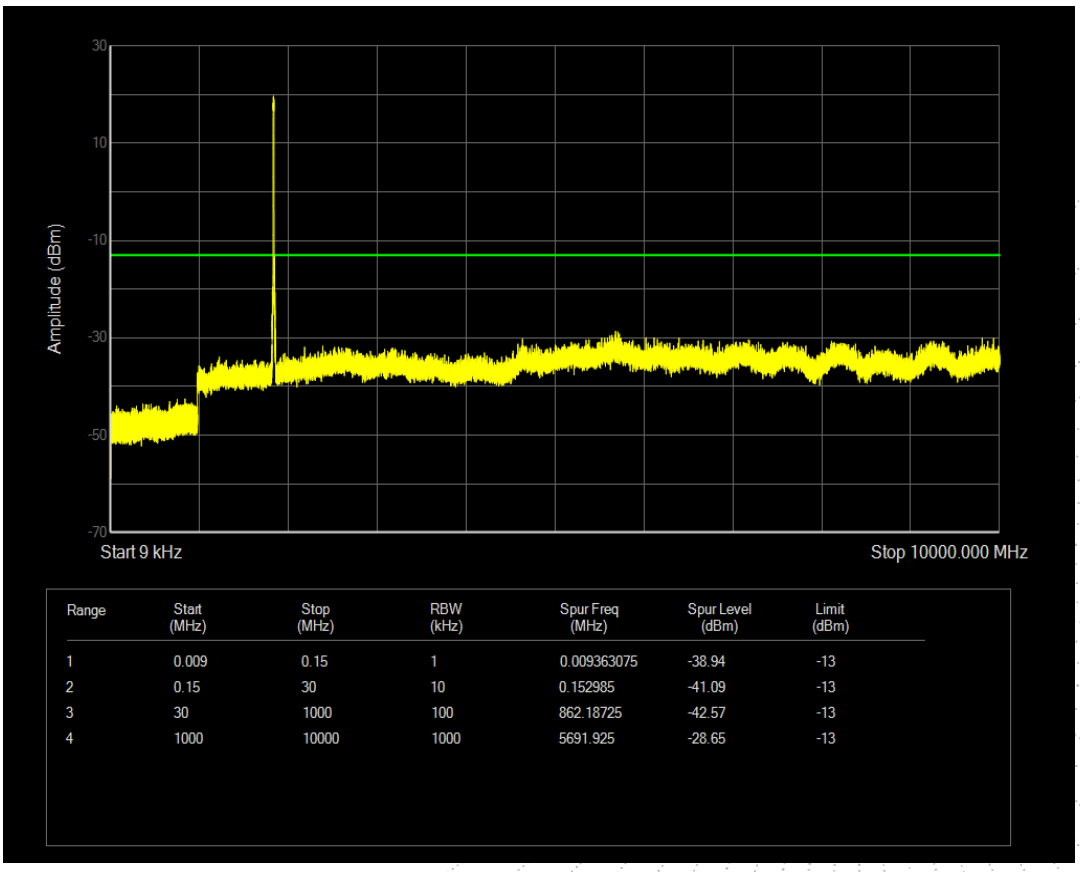
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00930315	-40.05	-13
2	0.15	30	10	0.15223875	-41.29	-13
3	30	1000	100	943.61875	-42.07	-13
4	1000	10000	1000	5674.375	-28.75	-13

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



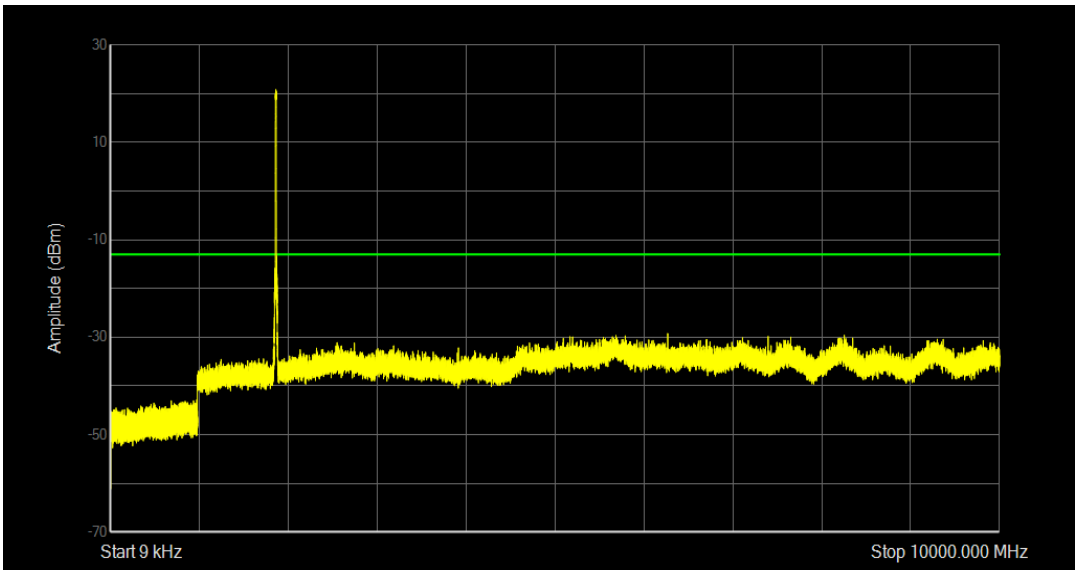
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009320775	-40.21	-13
2	0.15	30	10	0.15	-39.65	-13
3	30	1000	100	865.2185	-42.39	-13
4	1000	10000	1000	5808.925	-28.92	-13

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



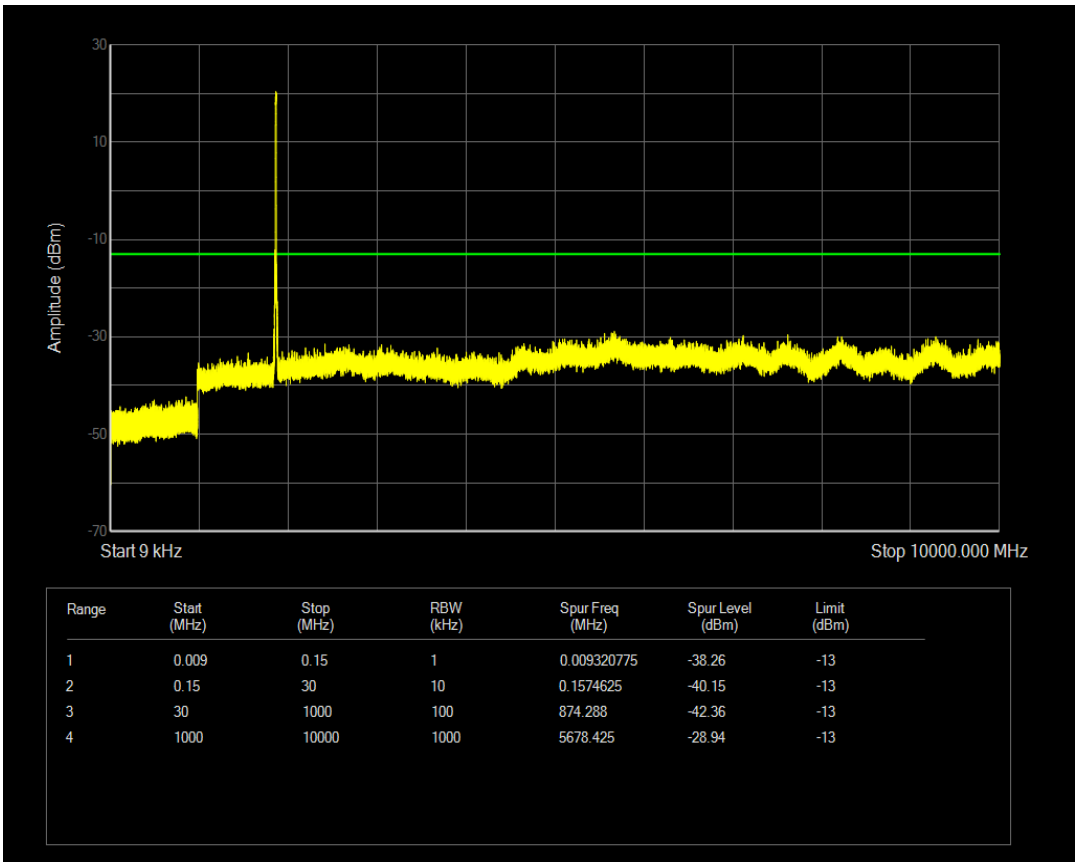
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009363075	-38.94	-13
2	0.15	30	10	0.152985	-41.09	-13
3	30	1000	100	862.18725	-42.57	-13
4	1000	10000	1000	5691.925	-28.65	-13

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



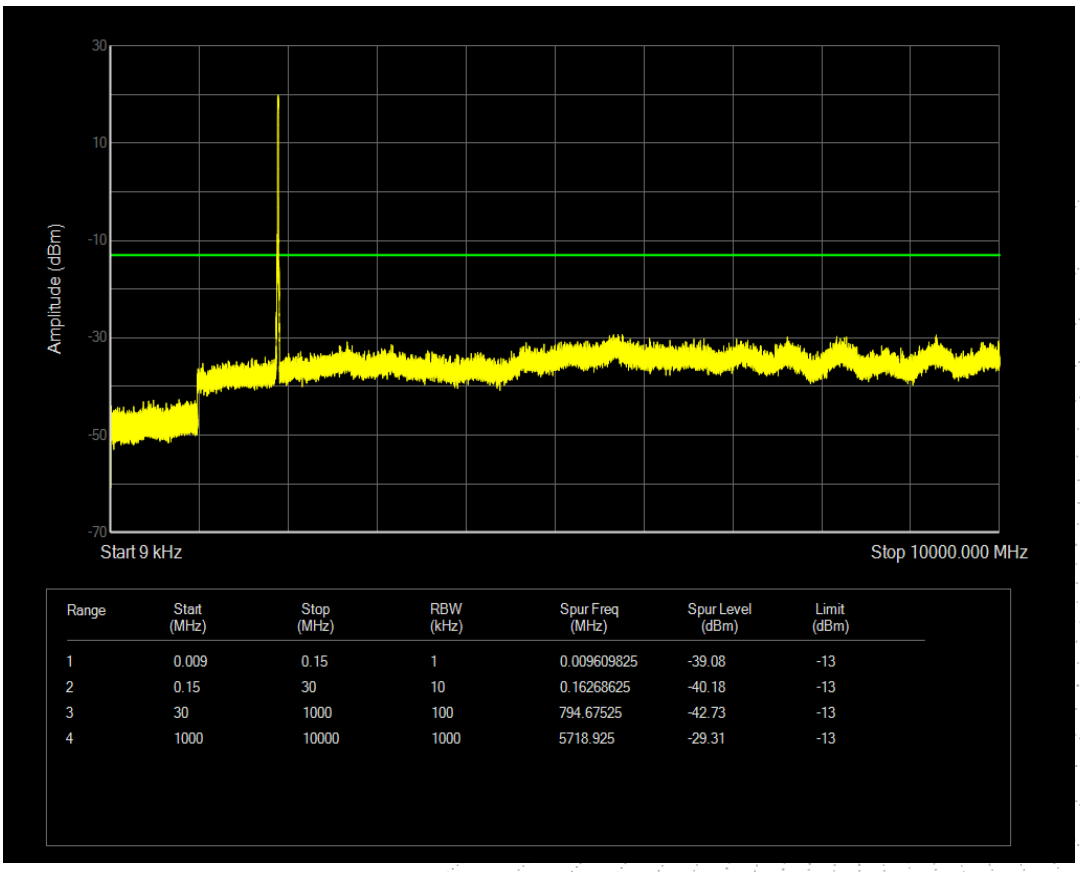
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009920025	-38.85	-13
2	0.15	30	10	0.15074625	-40.84	-13
3	30	1000	100	993.81625	-42.85	-13
4	1000	10000	1000	6276.925	-29.24	-13

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



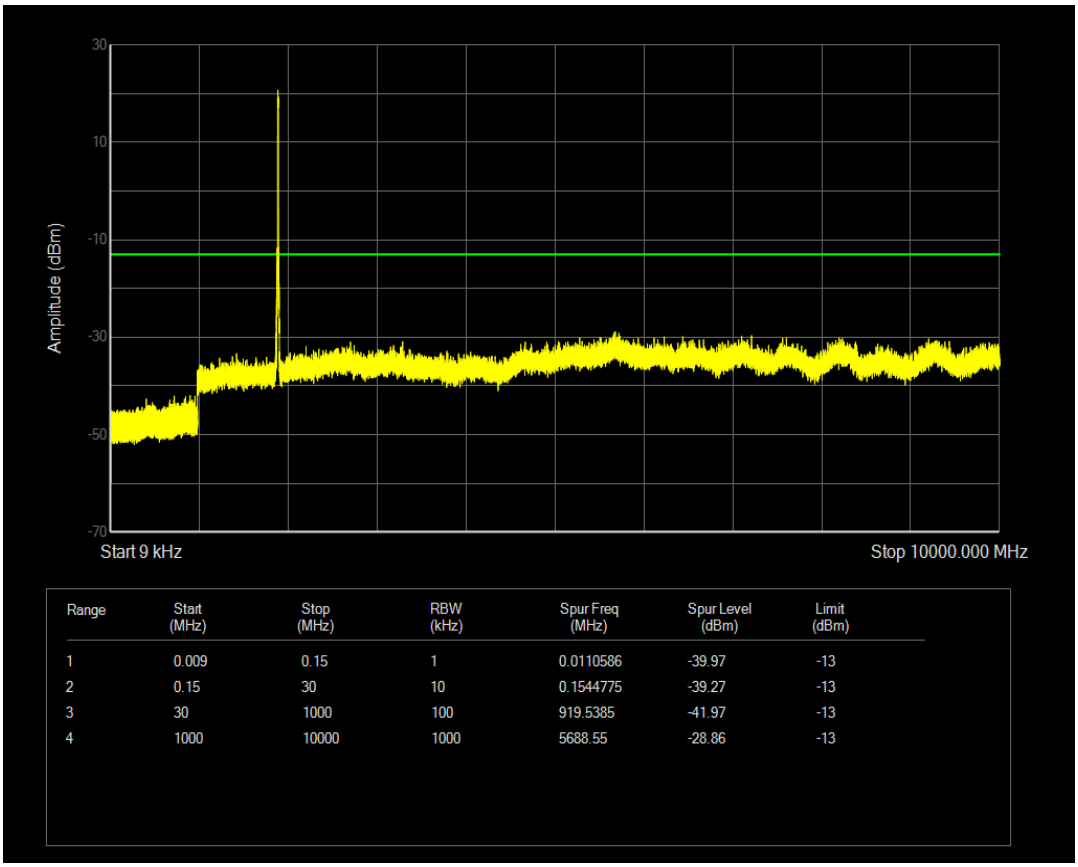
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009320775	-38.26	-13
2	0.15	30	10	0.1574625	-40.15	-13
3	30	1000	100	874.288	-42.36	-13
4	1000	10000	1000	5678.425	-28.94	-13

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



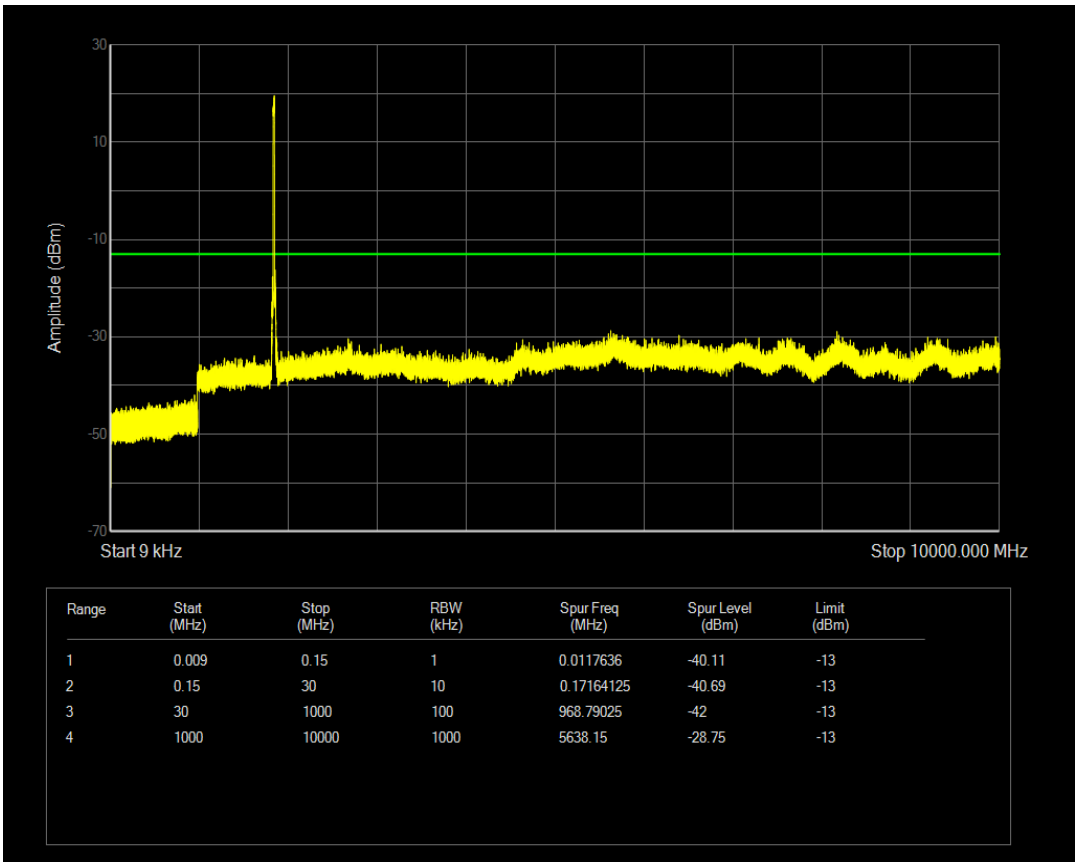
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009609825	-39.08	-13
2	0.15	30	10	0.16268625	-40.18	-13
3	30	1000	100	794.67525	-42.73	-13
4	1000	10000	1000	5718.925	-29.31	-13

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



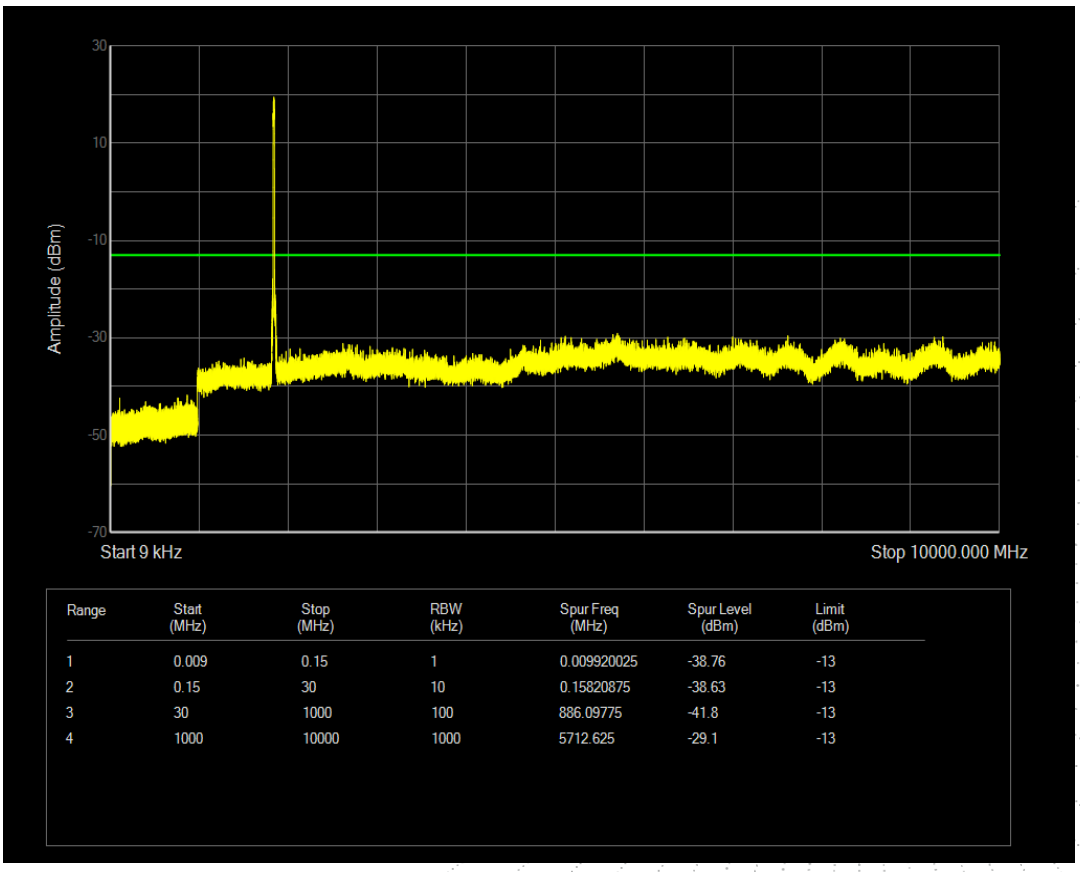
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0110586	-39.97	-13
2	0.15	30	10	0.1544775	-39.27	-13
3	30	1000	100	919.5385	-41.97	-13
4	1000	10000	1000	5688.55	-28.86	-13

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



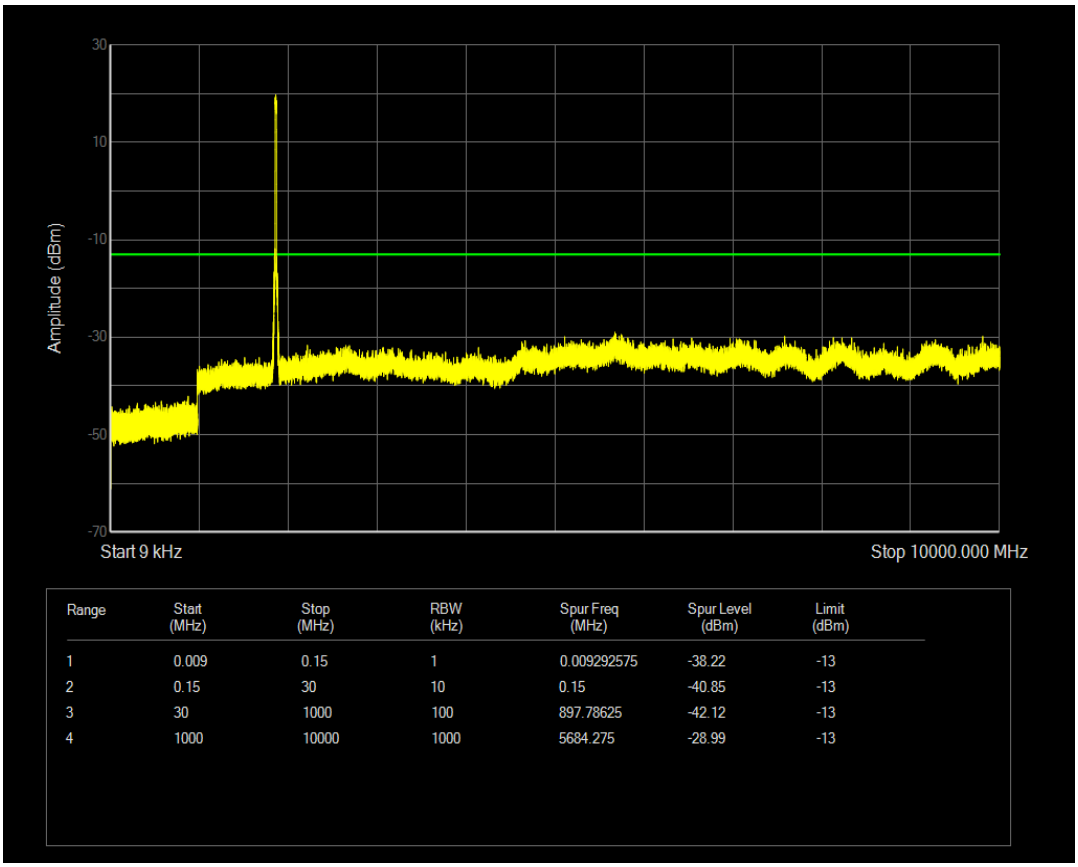
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0117636	-40.11	-13
2	0.15	30	10	0.17164125	-40.69	-13
3	30	1000	100	968.79025	-42	-13
4	1000	10000	1000	5638.15	-28.75	-13

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



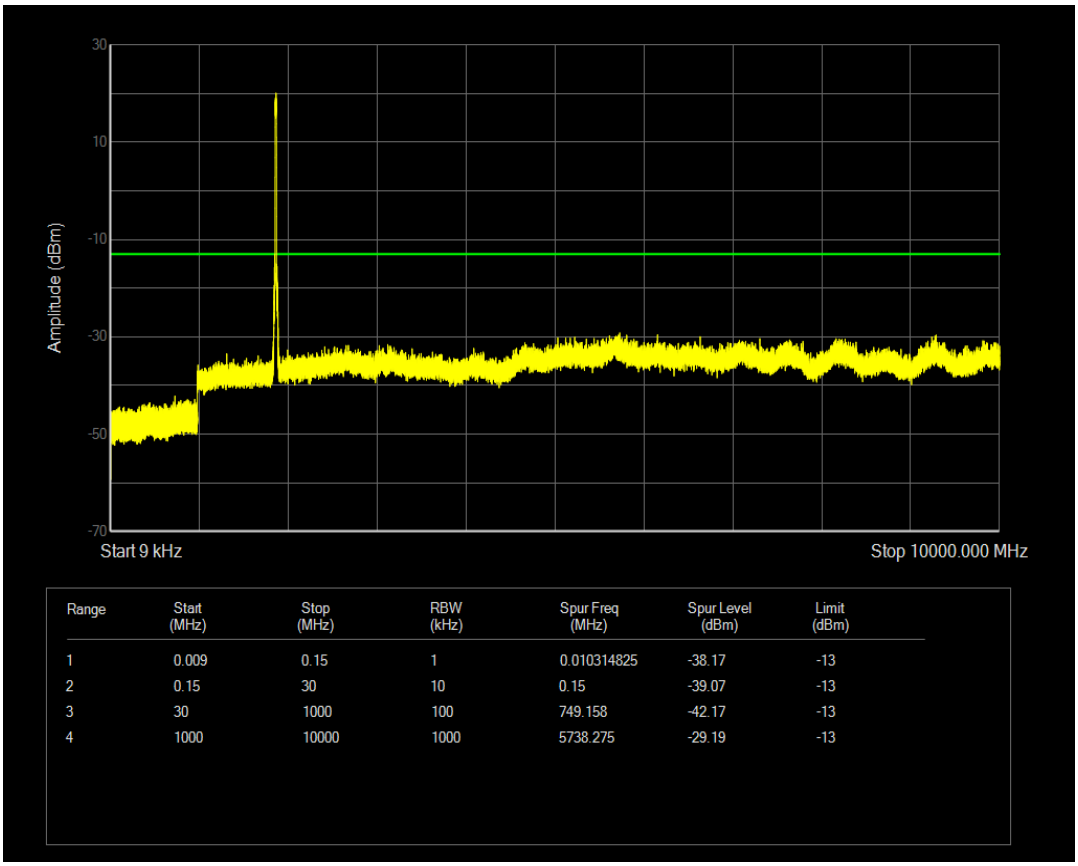
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009920025	-38.76	-13
2	0.15	30	10	0.15820875	-38.63	-13
3	30	1000	100	886.09775	-41.8	-13
4	1000	10000	1000	5712.625	-29.1	-13

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



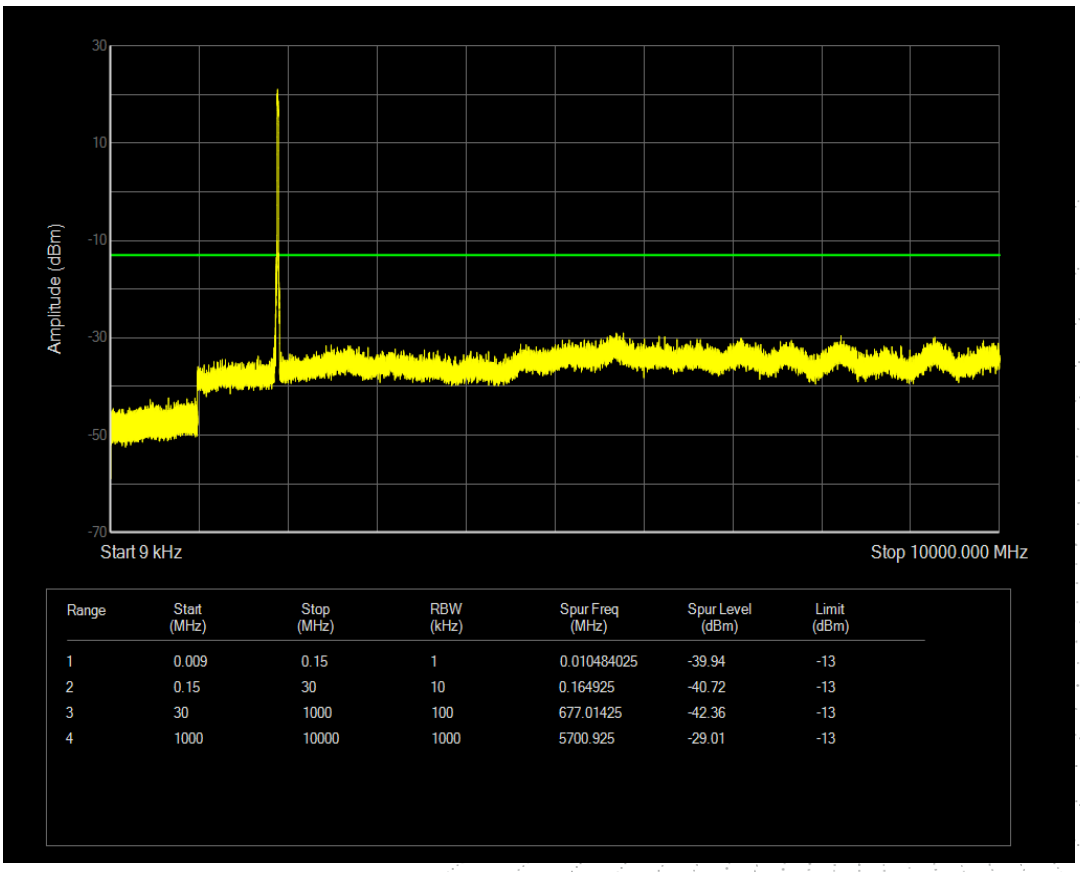
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009292575	-38.22	-13
2	0.15	30	10	0.15	-40.85	-13
3	30	1000	100	897.78625	-42.12	-13
4	1000	10000	1000	5684.275	-28.99	-13

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



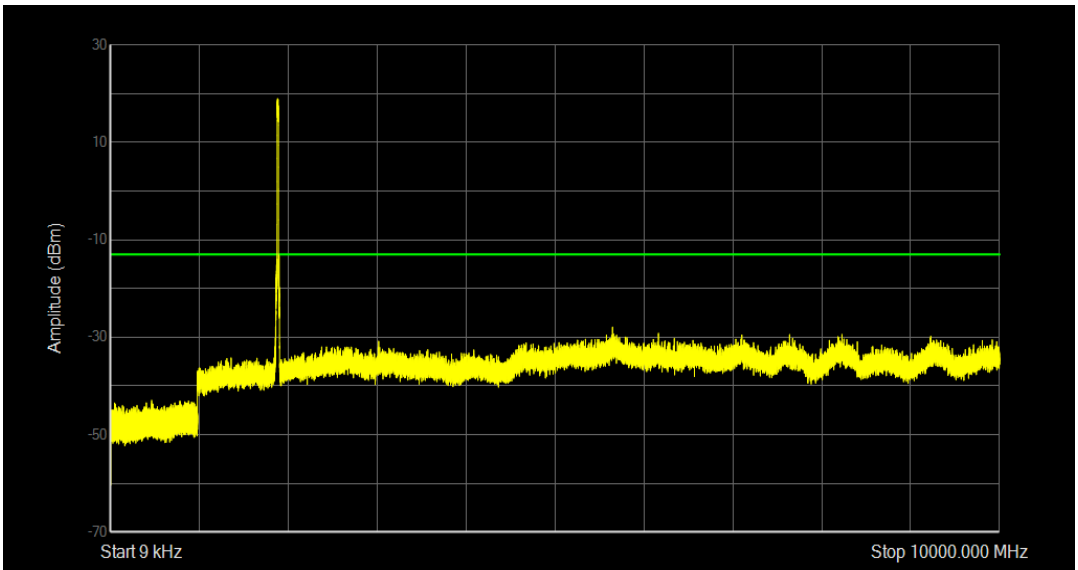
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010314825	-38.17	-13
2	0.15	30	10	0.15	-39.07	-13
3	30	1000	100	749.158	-42.17	-13
4	1000	10000	1000	5738.275	-29.19	-13

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



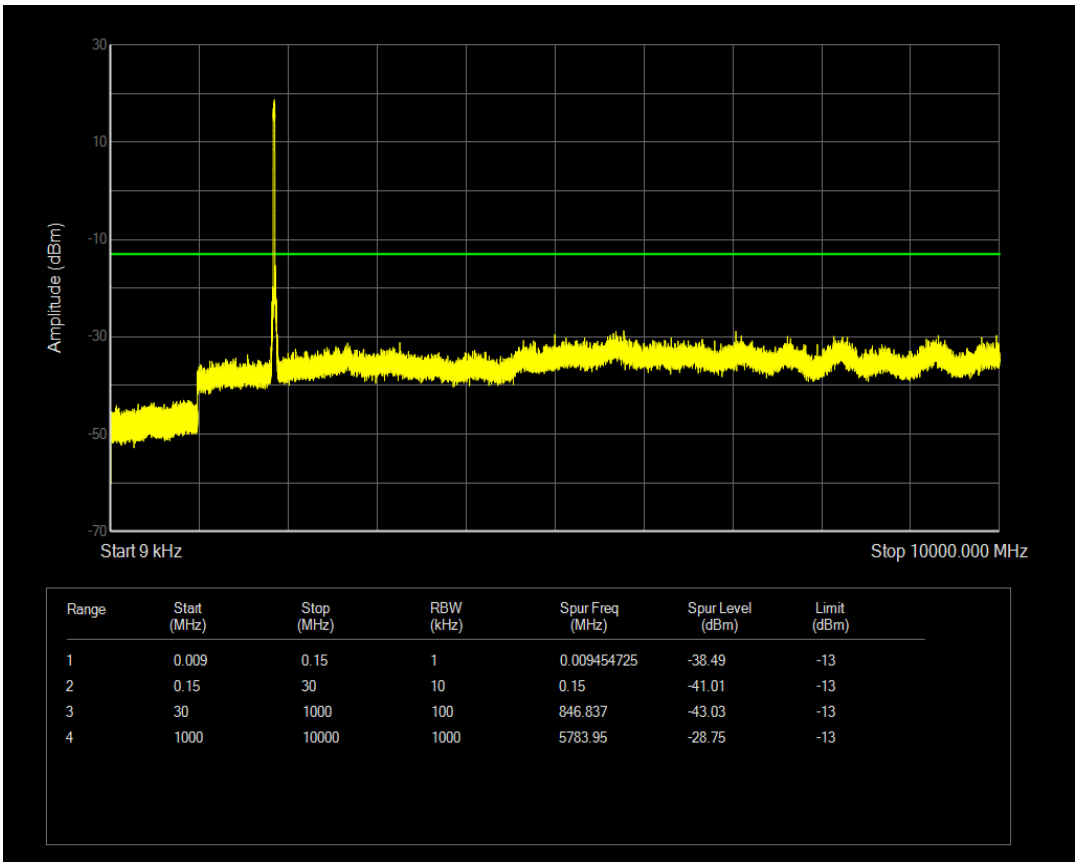
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010484025	-39.94	-13
2	0.15	30	10	0.164925	-40.72	-13
3	30	1000	100	677.01425	-42.36	-13
4	1000	10000	1000	5700.925	-29.01	-13

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



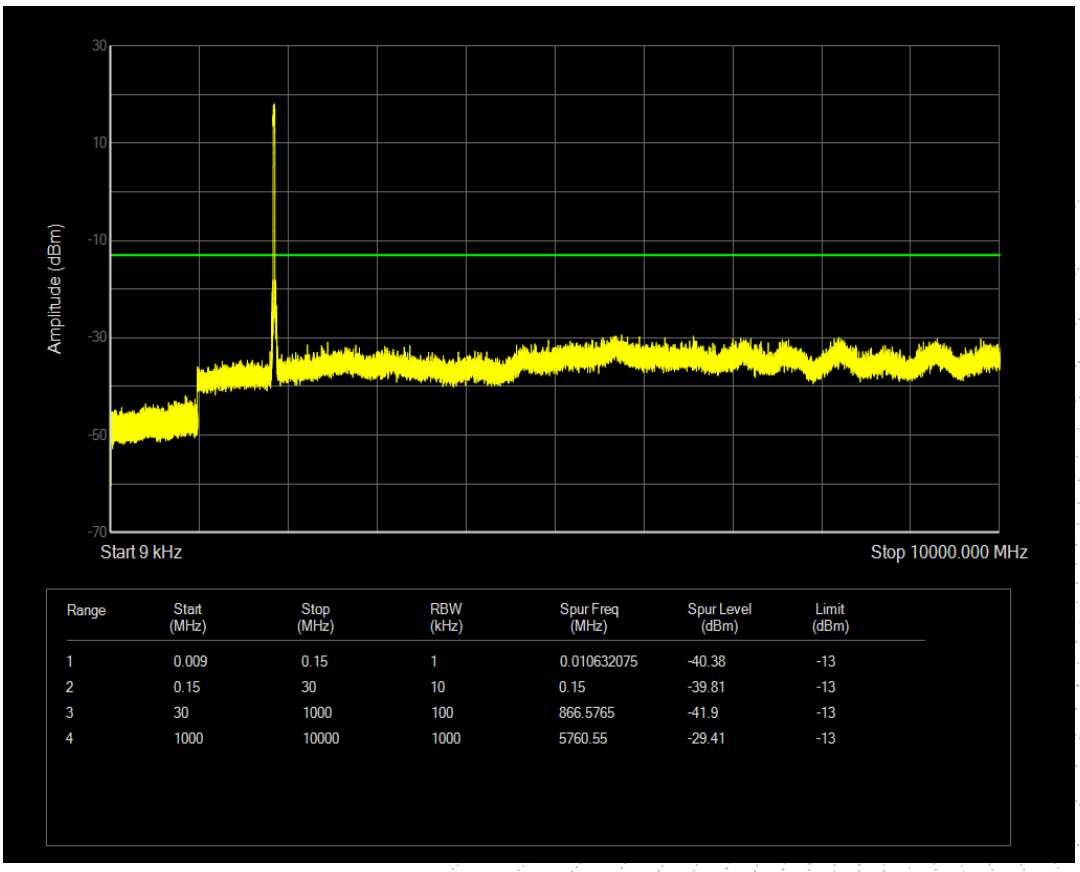
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092397	-38.52	-13
2	0.15	30	10	0.15671625	-40.55	-13
3	30	1000	100	486.8215	-42.96	-13
4	1000	10000	1000	5658.175	-27.93	-13

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



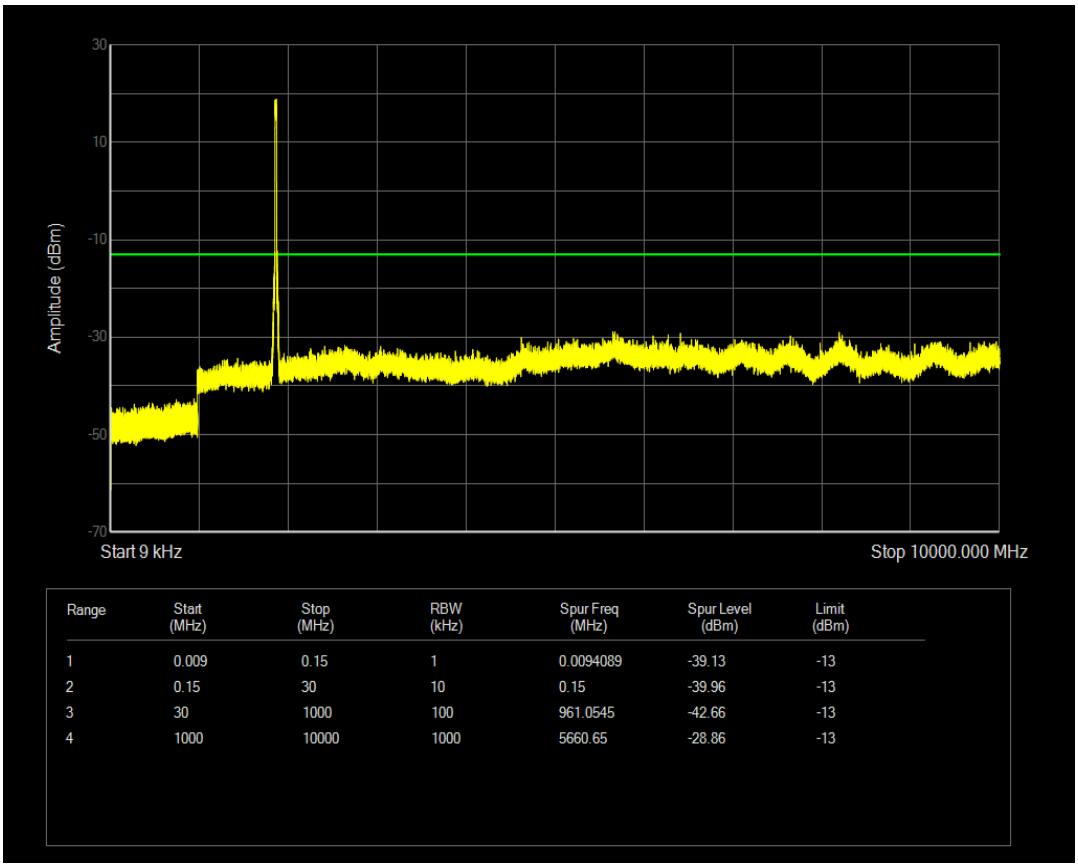
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009454725	-38.49	-13
2	0.15	30	10	0.15	-41.01	-13
3	30	1000	100	846.837	-43.03	-13
4	1000	10000	1000	5783.95	-28.75	-13

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



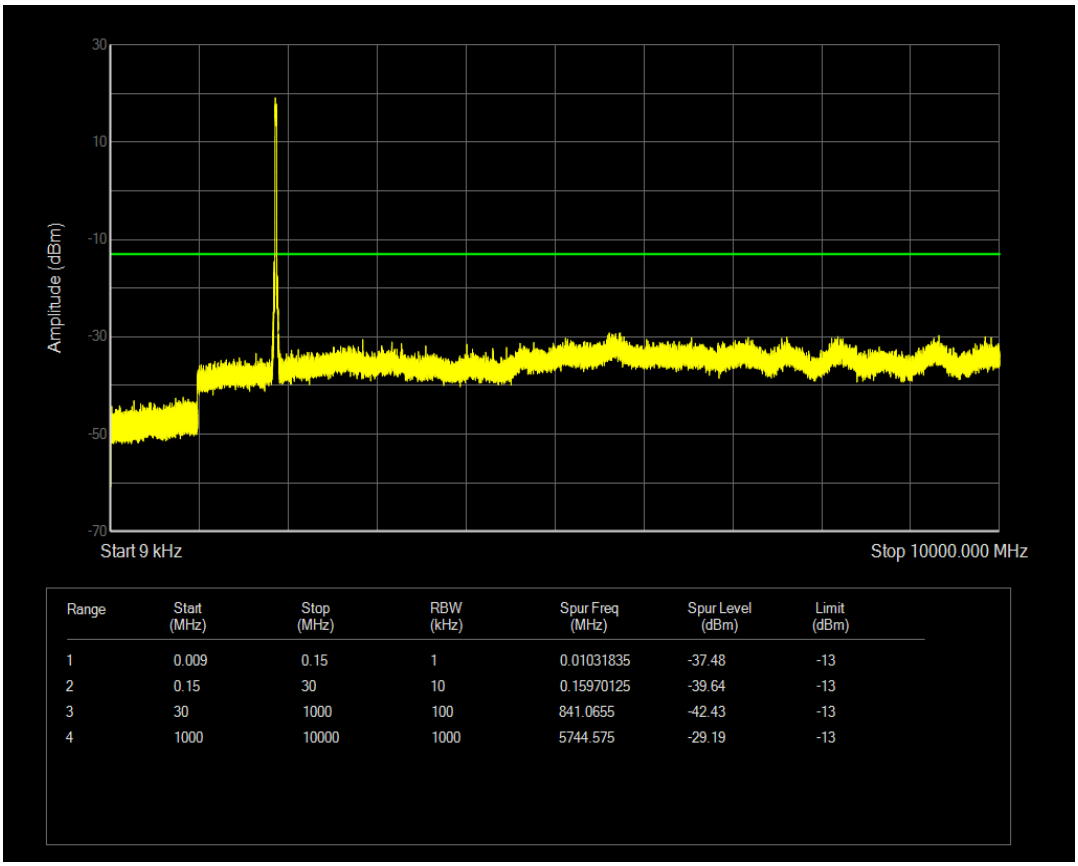
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010632075	-40.38	-13
2	0.15	30	10	0.15	-39.81	-13
3	30	1000	100	866.5765	-41.9	-13
4	1000	10000	1000	5760.55	-29.41	-13

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



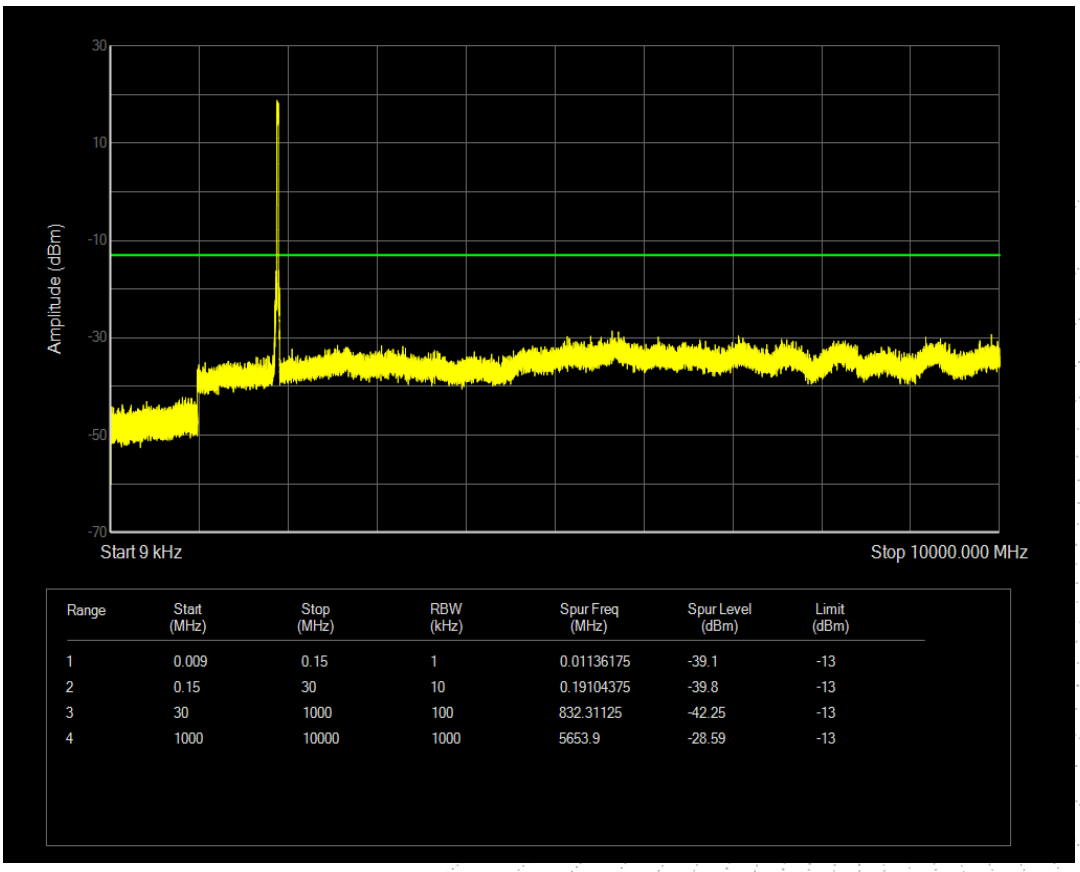
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094089	-39.13	-13
2	0.15	30	10	0.15	-39.96	-13
3	30	1000	100	961.0545	-42.66	-13
4	1000	10000	1000	5660.65	-28.86	-13

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



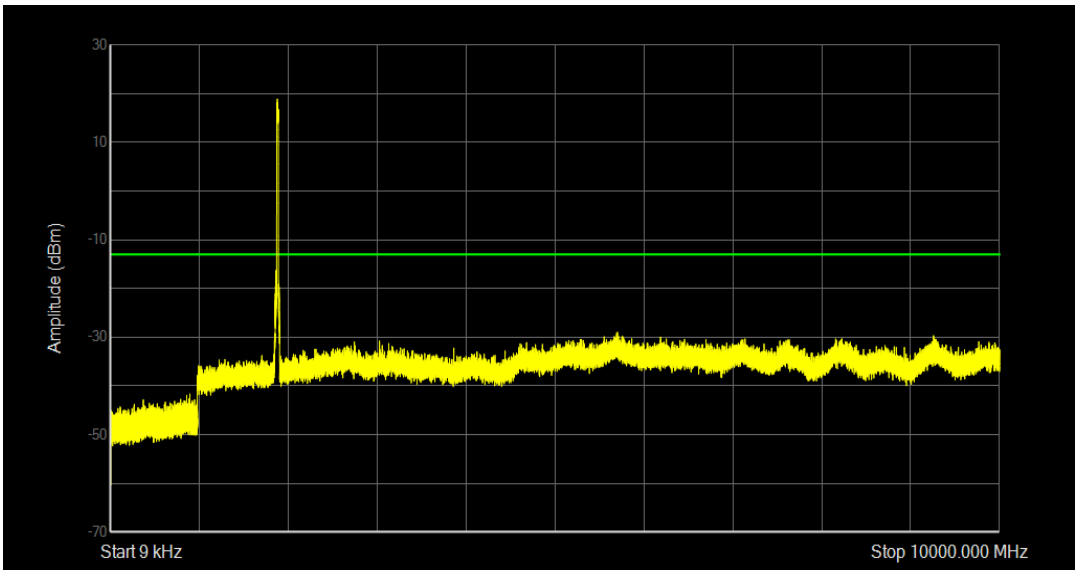
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01031835	-37.48	-13
2	0.15	30	10	0.15970125	-39.64	-13
3	30	1000	100	841.0655	-42.43	-13
4	1000	10000	1000	5744.575	-29.19	-13

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	0.01136175	-39.1	-13
2	0.15	30	10	0.19104375	-39.8	-13
3	30	1000	100	832.31125	-42.25	-13
4	1000	10000	1000	5653.9	-28.59	-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	0.0102408	-39.44	-13
2	0.15	30	10	0.1634325	-39.8	-13
3	30	1000	100	916.60425	-41.64	-13
4	1000	10000	1000	5713.525	-28.98	-13