

Appendix for Band 2

Report No.: BCTC2403018610-2E

Applicant: Guangzhou T-Mark Technology Co., Ltd.

Product Name: GPS Tracker

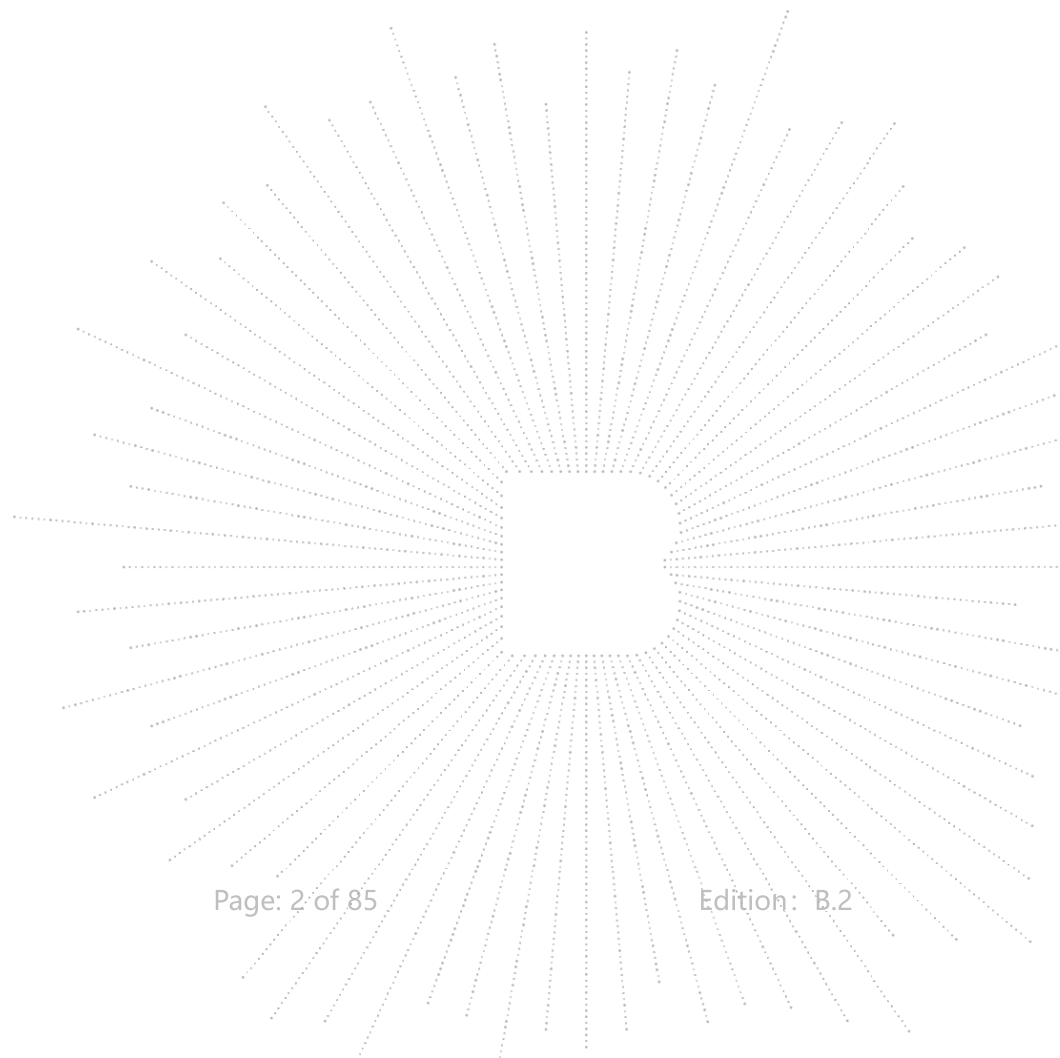
Test Model: T4-1C

Tested Date: 2024-03-19 to 2024-05-14

Shenzhen BCTC Testing Co., Ltd.

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

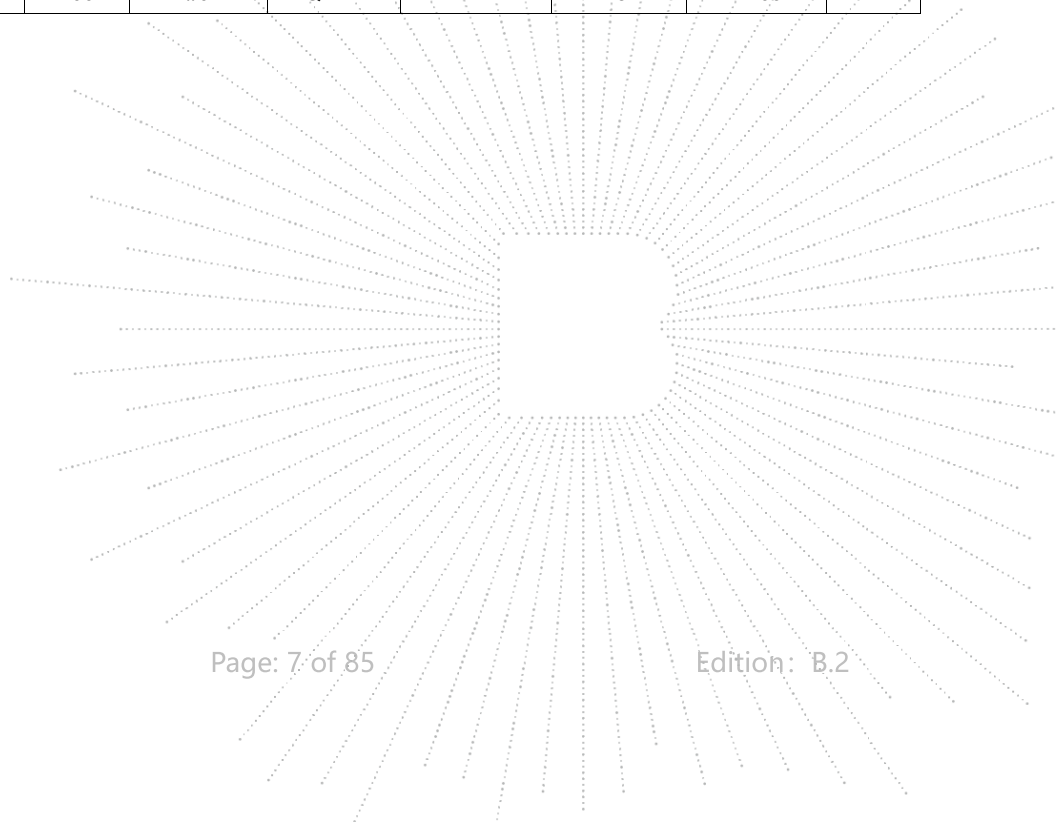
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	21.99	1.87	23.86	PASS
Band2	1.4	18607	1	#Mid	QPSK	21.95	1.87	23.82	PASS
Band2	1.4	18607	1	#Max	QPSK	21.85	1.87	23.72	PASS
Band2	1.4	18607	3	#0	QPSK	21.73	1.87	23.60	PASS
Band2	1.4	18607	3	#Mid	QPSK	21.71	1.87	23.58	PASS
Band2	1.4	18607	3	#Max	QPSK	21.69	1.87	23.56	PASS
Band2	1.4	18607	6	#0	QPSK	20.65	1.87	22.52	PASS
Band2	1.4	18607	1	#0	16QAM	20.98	1.87	22.85	PASS
Band2	1.4	18607	1	#Mid	16QAM	20.95	1.87	22.82	PASS
Band2	1.4	18607	1	#Max	16QAM	20.94	1.87	22.81	PASS
Band2	1.4	18607	3	#0	16QAM	20.91	1.87	22.78	PASS
Band2	1.4	18607	3	#Mid	16QAM	20.90	1.87	22.77	PASS
Band2	1.4	18607	3	#Max	16QAM	20.85	1.87	22.72	PASS
Band2	1.4	18607	6	#0	16QAM	19.82	1.87	21.69	PASS
Band2	1.4	18900	1	#0	QPSK	23.42	1.87	25.29	PASS
Band2	1.4	18900	1	#Mid	QPSK	23.41	1.87	25.28	PASS
Band2	1.4	18900	1	#Max	QPSK	23.31	1.87	25.18	PASS
Band2	1.4	18900	3	#0	QPSK	23.34	1.87	25.21	PASS
Band2	1.4	18900	3	#Mid	QPSK	23.30	1.87	25.17	PASS
Band2	1.4	18900	3	#Max	QPSK	23.26	1.87	25.13	PASS
Band2	1.4	18900	6	#0	QPSK	22.33	1.87	24.20	PASS
Band2	1.4	18900	1	#0	16QAM	22.49	1.87	24.36	PASS
Band2	1.4	18900	1	#Mid	16QAM	22.55	1.87	24.42	PASS
Band2	1.4	18900	1	#Max	16QAM	22.54	1.87	24.41	PASS
Band2	1.4	18900	3	#0	16QAM	22.59	1.87	24.46	PASS
Band2	1.4	18900	3	#Mid	16QAM	22.59	1.87	24.46	PASS
Band2	1.4	18900	3	#Max	16QAM	22.55	1.87	24.42	PASS
Band2	1.4	18900	6	#0	16QAM	21.50	1.87	23.37	PASS
Band2	1.4	19193	1	#0	QPSK	22.32	1.87	24.19	PASS
Band2	1.4	19193	1	#Mid	QPSK	22.17	1.87	24.04	PASS
Band2	1.4	19193	1	#Max	QPSK	21.99	1.87	23.86	PASS
Band2	1.4	19193	3	#0	QPSK	22.09	1.87	23.96	PASS
Band2	1.4	19193	3	#Mid	QPSK	22.10	1.87	23.97	PASS
Band2	1.4	19193	3	#Max	QPSK	21.97	1.87	23.84	PASS
Band2	1.4	19193	6	#0	QPSK	21.09	1.87	22.96	PASS

Band2	1.4	19193	1	#0	16QAM	21.08	1.87	22.95	PASS
Band2	1.4	19193	1	#Mid	16QAM	21.10	1.87	22.97	PASS
Band2	1.4	19193	1	#Max	16QAM	20.95	1.87	22.82	PASS
Band2	1.4	19193	3	#0	16QAM	21.38	1.87	23.25	PASS
Band2	1.4	19193	3	#Mid	16QAM	21.31	1.87	23.18	PASS
Band2	1.4	19193	3	#Max	16QAM	21.26	1.87	23.13	PASS
Band2	1.4	19193	6	#0	16QAM	20.35	1.87	22.22	PASS
Band2	3	18615	1	#0	QPSK	21.41	1.87	23.28	PASS
Band2	3	18615	1	#Mid	QPSK	21.45	1.87	23.32	PASS
Band2	3	18615	1	#Max	QPSK	21.21	1.87	23.08	PASS
Band2	3	18615	8	#0	QPSK	20.34	1.87	22.21	PASS
Band2	3	18615	8	#Mid	QPSK	20.31	1.87	22.18	PASS
Band2	3	18615	8	#Max	QPSK	20.28	1.87	22.15	PASS
Band2	3	18615	15	#0	QPSK	20.28	1.87	22.15	PASS
Band2	3	18615	1	#0	16QAM	20.78	1.87	22.65	PASS
Band2	3	18615	1	#Mid	16QAM	20.88	1.87	22.75	PASS
Band2	3	18615	1	#Max	16QAM	20.67	1.87	22.54	PASS
Band2	3	18615	8	#0	16QAM	19.39	1.87	21.26	PASS
Band2	3	18615	8	#Mid	16QAM	19.41	1.87	21.28	PASS
Band2	3	18615	8	#Max	16QAM	19.39	1.87	21.26	PASS
Band2	3	18615	15	#0	16QAM	19.39	1.87	21.26	PASS
Band2	3	18900	1	#0	QPSK	23.13	1.87	25.00	PASS
Band2	3	18900	1	#Mid	QPSK	23.22	1.87	25.09	PASS
Band2	3	18900	1	#Max	QPSK	22.92	1.87	24.79	PASS
Band2	3	18900	8	#0	QPSK	22.09	1.87	23.96	PASS
Band2	3	18900	8	#Mid	QPSK	22.08	1.87	23.95	PASS
Band2	3	18900	8	#Max	QPSK	22.02	1.87	23.89	PASS
Band2	3	18900	15	#0	QPSK	22.12	1.87	23.99	PASS
Band2	3	18900	1	#0	16QAM	22.28	1.87	24.15	PASS
Band2	3	18900	1	#Mid	16QAM	22.43	1.87	24.30	PASS
Band2	3	18900	1	#Max	16QAM	22.20	1.87	24.07	PASS
Band2	3	18900	8	#0	16QAM	21.20	1.87	23.07	PASS
Band2	3	18900	8	#Mid	16QAM	21.27	1.87	23.14	PASS
Band2	3	18900	8	#Max	16QAM	21.17	1.87	23.04	PASS
Band2	3	18900	15	#0	16QAM	21.18	1.87	23.05	PASS
Band2	3	19185	1	#0	QPSK	22.32	1.87	24.19	PASS
Band2	3	19185	1	#Mid	QPSK	22.24	1.87	24.11	PASS
Band2	3	19185	1	#Max	QPSK	21.74	1.87	23.61	PASS
Band2	3	19185	8	#0	QPSK	21.27	1.87	23.14	PASS
Band2	3	19185	8	#Mid	QPSK	21.20	1.87	23.07	PASS
Band2	3	19185	8	#Max	QPSK	20.99	1.87	22.86	PASS
Band2	3	19185	15	#0	QPSK	21.15	1.87	23.02	PASS

Band2	3	19185	1	#0	16QAM	21.28	1.87	23.15	PASS
Band2	3	19185	1	#Mid	16QAM	21.17	1.87	23.04	PASS
Band2	3	19185	1	#Max	16QAM	20.76	1.87	22.63	PASS
Band2	3	19185	8	#0	16QAM	20.32	1.87	22.19	PASS
Band2	3	19185	8	#Mid	16QAM	20.26	1.87	22.13	PASS
Band2	3	19185	8	#Max	16QAM	20.13	1.87	22.00	PASS
Band2	3	19185	15	#0	16QAM	20.29	1.87	22.16	PASS
Band2	5	18625	1	#0	QPSK	21.57	1.87	23.44	PASS
Band2	5	18625	1	#Mid	QPSK	21.52	1.87	23.39	PASS
Band2	5	18625	1	#Max	QPSK	21.37	1.87	23.24	PASS
Band2	5	18625	12	#0	QPSK	20.30	1.87	22.17	PASS
Band2	5	18625	12	#Mid	QPSK	20.33	1.87	22.20	PASS
Band2	5	18625	12	#Max	QPSK	20.24	1.87	22.11	PASS
Band2	5	18625	25	#0	QPSK	20.22	1.87	22.09	PASS
Band2	5	18625	1	#0	16QAM	21.13	1.87	23.00	PASS
Band2	5	18625	1	#Mid	16QAM	21.06	1.87	22.93	PASS
Band2	5	18625	1	#Max	16QAM	21.00	1.87	22.87	PASS
Band2	5	18625	12	#0	16QAM	19.30	1.87	21.17	PASS
Band2	5	18625	12	#Mid	16QAM	19.41	1.87	21.28	PASS
Band2	5	18625	12	#Max	16QAM	19.32	1.87	21.19	PASS
Band2	5	18625	25	#0	16QAM	19.25	1.87	21.12	PASS
Band2	5	18900	1	#0	QPSK	23.34	1.87	25.21	PASS
Band2	5	18900	1	#Mid	QPSK	23.32	1.87	25.19	PASS
Band2	5	18900	1	#Max	QPSK	23.07	1.87	24.94	PASS
Band2	5	18900	12	#0	QPSK	22.18	1.87	24.05	PASS
Band2	5	18900	12	#Mid	QPSK	22.25	1.87	24.12	PASS
Band2	5	18900	12	#Max	QPSK	22.08	1.87	23.95	PASS
Band2	5	18900	25	#0	QPSK	22.15	1.87	24.02	PASS
Band2	5	18900	1	#0	16QAM	22.62	1.87	24.49	PASS
Band2	5	18900	1	#Mid	16QAM	22.71	1.87	24.58	PASS
Band2	5	18900	1	#Max	16QAM	22.47	1.87	24.34	PASS
Band2	5	18900	12	#0	16QAM	21.17	1.87	23.04	PASS
Band2	5	18900	12	#Mid	16QAM	21.36	1.87	23.23	PASS
Band2	5	18900	12	#Max	16QAM	21.09	1.87	22.96	PASS
Band2	5	18900	25	#0	16QAM	21.32	1.87	23.19	PASS
Band2	5	19175	1	#0	QPSK	22.60	1.87	24.47	PASS
Band2	5	19175	1	#Mid	QPSK	22.40	1.87	24.27	PASS
Band2	5	19175	1	#Max	QPSK	21.83	1.87	23.70	PASS
Band2	5	19175	12	#0	QPSK	21.46	1.87	23.33	PASS
Band2	5	19175	12	#Mid	QPSK	21.48	1.87	23.35	PASS
Band2	5	19175	12	#Max	QPSK	21.15	1.87	23.02	PASS
Band2	5	19175	25	#0	QPSK	21.31	1.87	23.18	PASS

Band2	5	19175	1	#0	16QAM	22.01	1.87	23.88	PASS
Band2	5	19175	1	#Mid	16QAM	21.86	1.87	23.73	PASS
Band2	5	19175	1	#Max	16QAM	21.32	1.87	23.19	PASS
Band2	5	19175	12	#0	16QAM	20.55	1.87	22.42	PASS
Band2	5	19175	12	#Mid	16QAM	20.60	1.87	22.47	PASS
Band2	5	19175	12	#Max	16QAM	20.31	1.87	22.18	PASS
Band2	5	19175	25	#0	16QAM	20.38	1.87	22.25	PASS
Band2	10	18650	1	#0	QPSK	21.57	1.87	23.44	PASS
Band2	10	18650	1	#Mid	QPSK	21.48	1.87	23.35	PASS
Band2	10	18650	1	#Max	QPSK	21.73	1.87	23.60	PASS
Band2	10	18650	25	#0	QPSK	20.16	1.87	22.03	PASS
Band2	10	18650	25	#Mid	QPSK	20.34	1.87	22.21	PASS
Band2	10	18650	25	#Max	QPSK	20.28	1.87	22.15	PASS
Band2	10	18650	50	#0	QPSK	20.25	1.87	22.12	PASS
Band2	10	18900	1	#0	QPSK	23.29	1.87	25.16	PASS
Band2	10	18900	1	#Mid	QPSK	23.34	1.87	25.21	PASS
Band2	10	18900	1	#Max	QPSK	22.86	1.87	24.73	PASS
Band2	10	18900	25	#0	QPSK	22.11	1.87	23.98	PASS
Band2	10	18900	25	#Mid	QPSK	22.31	1.87	24.18	PASS
Band2	10	18900	25	#Max	QPSK	21.98	1.87	23.85	PASS
Band2	10	18900	50	#0	QPSK	22.15	1.87	24.02	PASS
Band2	10	19150	1	#0	QPSK	22.44	1.87	24.31	PASS
Band2	10	19150	1	#Mid	QPSK	22.73	1.87	24.60	PASS
Band2	10	19150	1	#Max	QPSK	22.24	1.87	24.11	PASS
Band2	10	19150	25	#0	QPSK	21.34	1.87	23.21	PASS
Band2	10	19150	25	#Mid	QPSK	21.60	1.87	23.47	PASS
Band2	10	19150	25	#Max	QPSK	21.29	1.87	23.16	PASS
Band2	10	19150	50	#0	QPSK	21.36	1.87	23.23	PASS
Band2	15	18675	1	#0	QPSK	21.65	1.87	23.52	PASS
Band2	15	18675	1	#Mid	QPSK	21.77	1.87	23.64	PASS
Band2	15	18675	1	#Max	QPSK	22.41	1.87	24.28	PASS
Band2	15	18675	36	#0	QPSK	20.45	1.87	22.32	PASS
Band2	15	18675	36	#Mid	QPSK	20.73	1.87	22.60	PASS
Band2	15	18675	36	#Max	QPSK	21.03	1.87	22.90	PASS
Band2	15	18675	75	#0	QPSK	22.05	1.87	23.92	PASS
Band2	15	18900	1	#0	QPSK	23.17	1.87	25.04	PASS
Band2	15	18900	1	#Mid	QPSK	23.38	1.87	25.25	PASS
Band2	15	18900	1	#Max	QPSK	22.60	1.87	24.47	PASS
Band2	15	18900	36	#0	QPSK	22.19	1.87	24.06	PASS
Band2	15	18900	36	#Mid	QPSK	22.39	1.87	24.26	PASS
Band2	15	18900	36	#Max	QPSK	21.99	1.87	23.86	PASS
Band2	15	18900	75	#0	QPSK	22.73	1.87	24.60	PASS

Band2	15	19125	1	#0	QPSK	22.16	1.87	24.03	PASS
Band2	15	19125	1	#Mid	QPSK	22.60	1.87	24.47	PASS
Band2	15	19125	1	#Max	QPSK	22.09	1.87	23.96	PASS
Band2	15	19125	36	#0	QPSK	21.11	1.87	22.98	PASS
Band2	15	19125	36	#Mid	QPSK	21.59	1.87	23.46	PASS
Band2	15	19125	36	#Max	QPSK	21.49	1.87	23.36	PASS
Band2	15	19125	75	#0	QPSK	21.58	1.87	23.45	PASS
Band2	20	18700	1	#0	QPSK	21.57	1.87	23.44	PASS
Band2	20	18700	1	#Mid	QPSK	22.02	1.87	23.89	PASS
Band2	20	18700	1	#Max	QPSK	22.63	1.87	24.50	PASS
Band2	20	18700	50	#0	QPSK	20.38	1.87	22.25	PASS
Band2	20	18700	50	#Mid	QPSK	20.95	1.87	22.82	PASS
Band2	20	18700	50	#Max	QPSK	21.23	1.87	23.10	PASS
Band2	20	18700	100	#0	QPSK	21.49	1.87	23.36	PASS
Band2	20	18900	1	#0	QPSK	22.99	1.87	24.86	PASS
Band2	20	18900	1	#Mid	QPSK	23.49	1.87	25.36	PASS
Band2	20	18900	1	#Max	QPSK	22.41	1.87	24.28	PASS
Band2	20	18900	50	#0	QPSK	22.12	1.87	23.99	PASS
Band2	20	18900	50	#Mid	QPSK	22.35	1.87	24.22	PASS
Band2	20	18900	50	#Max	QPSK	21.77	1.87	23.64	PASS
Band2	20	18900	100	#0	QPSK	22.47	1.87	24.34	PASS
Band2	20	19100	1	#0	QPSK	22.30	1.87	24.17	PASS
Band2	20	19100	1	#Mid	QPSK	22.44	1.87	24.31	PASS
Band2	20	19100	1	#Max	QPSK	22.17	1.87	24.04	PASS
Band2	20	19100	50	#0	QPSK	21.00	1.87	22.87	PASS
Band2	20	19100	50	#Mid	QPSK	21.27	1.87	23.14	PASS
Band2	20	19100	50	#Max	QPSK	21.46	1.87	23.33	PASS
Band2	20	19100	100	#0	QPSK	22.22	1.87	24.09	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	-14.26	-0.008	PASS
Band2	1.4	18607	6	#0	QPSK	NV	NT	-18.45	-0.010	PASS
Band2	1.4	18607	6	#0	QPSK	HV	NT	-18.25	-0.010	PASS
Band2	1.4	18607	6	#0	16QAM	LV	NT	-12.75	-0.007	PASS
Band2	1.4	18607	6	#0	16QAM	NV	NT	1.52	0.001	PASS
Band2	1.4	18607	6	#0	16QAM	HV	NT	-12.23	-0.007	PASS
Band2	1.4	18900	6	#0	QPSK	LV	NT	14.66	0.008	PASS
Band2	1.4	18900	6	#0	QPSK	NV	NT	-7.72	-0.004	PASS
Band2	1.4	18900	6	#0	QPSK	HV	NT	-12.73	-0.007	PASS
Band2	1.4	18900	6	#0	16QAM	LV	NT	-4.98	-0.003	PASS
Band2	1.4	18900	6	#0	16QAM	NV	NT	-4.66	-0.002	PASS
Band2	1.4	18900	6	#0	16QAM	HV	NT	9.41	0.005	PASS
Band2	1.4	19193	6	#0	QPSK	LV	NT	-16.42	-0.009	PASS
Band2	1.4	19193	6	#0	QPSK	NV	NT	-4.01	-0.002	PASS
Band2	1.4	19193	6	#0	QPSK	HV	NT	-14.56	-0.008	PASS
Band2	1.4	19193	6	#0	16QAM	LV	NT	-7.62	-0.004	PASS
Band2	1.4	19193	6	#0	16QAM	NV	NT	-12.37	-0.006	PASS
Band2	1.4	19193	6	#0	16QAM	HV	NT	-16.09	-0.008	PASS
Band2	3	18615	15	#0	QPSK	LV	NT	-4.23	-0.002	PASS
Band2	3	18615	15	#0	QPSK	NV	NT	-11.40	-0.006	PASS
Band2	3	18615	15	#0	QPSK	HV	NT	-13.93	-0.008	PASS
Band2	3	18615	15	#0	16QAM	LV	NT	-18.87	-0.010	PASS
Band2	3	18615	15	#0	16QAM	NV	NT	2.35	0.001	PASS
Band2	3	18615	15	#0	16QAM	HV	NT	-8.38	-0.005	PASS
Band2	3	18900	15	#0	QPSK	LV	NT	-18.04	-0.010	PASS
Band2	3	18900	15	#0	QPSK	NV	NT	-19.73	-0.010	PASS
Band2	3	18900	15	#0	QPSK	HV	NT	-2.68	-0.001	PASS
Band2	3	18900	15	#0	16QAM	LV	NT	-7.11	-0.004	PASS
Band2	3	18900	15	#0	16QAM	NV	NT	-14.49	-0.008	PASS
Band2	3	18900	15	#0	16QAM	HV	NT	-7.55	-0.004	PASS
Band2	3	19185	15	#0	QPSK	LV	NT	-4.21	-0.002	PASS
Band2	3	19185	15	#0	QPSK	NV	NT	-10.13	-0.005	PASS
Band2	3	19185	15	#0	QPSK	HV	NT	-10.99	-0.006	PASS
Band2	3	19185	15	#0	16QAM	LV	NT	-1.23	-0.001	PASS
Band2	3	19185	15	#0	16QAM	NV	NT	-11.74	-0.006	PASS
Band2	3	19185	15	#0	16QAM	HV	NT	3.92	0.002	PASS
Band2	5	18625	25	#0	QPSK	LV	NT	-14.61	-0.008	PASS

Band2	5	18625	25	#0	QPSK	NV	NT	-1.22	-0.001	PASS
Band2	5	18625	25	#0	QPSK	HV	NT	-8.67	-0.005	PASS
Band2	5	18625	25	#0	16QAM	LV	NT	7.42	0.004	PASS
Band2	5	18625	25	#0	16QAM	NV	NT	-6.84	-0.004	PASS
Band2	5	18625	25	#0	16QAM	HV	NT	-10.39	-0.006	PASS
Band2	5	18900	25	#0	QPSK	LV	NT	-10.64	-0.006	PASS
Band2	5	18900	25	#0	QPSK	NV	NT	-7.32	-0.004	PASS
Band2	5	18900	25	#0	QPSK	HV	NT	-13.78	-0.007	PASS
Band2	5	18900	25	#0	16QAM	LV	NT	3.60	0.002	PASS
Band2	5	18900	25	#0	16QAM	NV	NT	-9.58	-0.005	PASS
Band2	5	18900	25	#0	16QAM	HV	NT	-15.38	-0.008	PASS
Band2	5	19175	25	#0	QPSK	LV	NT	-4.96	-0.003	PASS
Band2	5	19175	25	#0	QPSK	NV	NT	-2.35	-0.001	PASS
Band2	5	19175	25	#0	QPSK	HV	NT	-2.03	-0.001	PASS
Band2	5	19175	25	#0	16QAM	LV	NT	-14.61	-0.008	PASS
Band2	5	19175	25	#0	16QAM	NV	NT	-7.80	-0.004	PASS
Band2	5	19175	25	#0	16QAM	HV	NT	-11.19	-0.006	PASS
Band2	10	18650	50	#0	QPSK	LV	NT	-12.09	-0.007	PASS
Band2	10	18650	50	#0	QPSK	NV	NT	0.39	0.000	PASS
Band2	10	18650	50	#0	QPSK	HV	NT	0.76	0.000	PASS
Band2	10	18900	50	#0	QPSK	LV	NT	3.25	0.002	PASS
Band2	10	18900	50	#0	QPSK	NV	NT	5.31	0.003	PASS
Band2	10	18900	50	#0	QPSK	HV	NT	-5.64	-0.003	PASS
Band2	10	19150	50	#0	QPSK	LV	NT	-16.05	-0.008	PASS
Band2	10	19150	50	#0	QPSK	NV	NT	-9.73	-0.005	PASS
Band2	10	19150	50	#0	QPSK	HV	NT	-11.12	-0.006	PASS
Band2	15	18675	75	#0	QPSK	LV	NT	-6.95	-0.004	PASS
Band2	15	18675	75	#0	QPSK	NV	NT	4.05	0.002	PASS
Band2	15	18675	75	#0	QPSK	HV	NT	4.26	0.002	PASS
Band2	15	18900	75	#0	QPSK	LV	NT	-10.41	-0.006	PASS
Band2	15	18900	75	#0	QPSK	NV	NT	-6.67	-0.004	PASS
Band2	15	18900	75	#0	QPSK	HV	NT	4.91	0.003	PASS
Band2	15	19125	75	#0	QPSK	LV	NT	-8.25	-0.004	PASS
Band2	15	19125	75	#0	QPSK	NV	NT	1.63	0.001	PASS
Band2	15	19125	75	#0	QPSK	HV	NT	-7.28	-0.004	PASS
Band2	20	18700	100	#0	QPSK	LV	NT	-9.58	-0.005	PASS
Band2	20	18700	100	#0	QPSK	NV	NT	2.60	0.001	PASS
Band2	20	18700	100	#0	QPSK	HV	NT	-9.71	-0.005	PASS
Band2	20	18900	100	#0	QPSK	LV	NT	-8.73	-0.005	PASS
Band2	20	18900	100	#0	QPSK	NV	NT	-0.72	0.000	PASS
Band2	20	18900	100	#0	QPSK	HV	NT	-3.89	-0.002	PASS
Band2	20	19100	100	#0	QPSK	LV	NT	-5.08	-0.003	PASS

Band2	20	19100	100	#0	QPSK	NV	NT	-5.02	-0.003	PASS
Band2	20	19100	100	#0	QPSK	HV	NT	-0.64	0.000	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	-23.03	-0.012	PASS
Band2	1.4	18607	6	#0	QPSK	NV	-20	-23.32	-0.013	PASS
Band2	1.4	18607	6	#0	QPSK	NV	-10	-22.46	-0.012	PASS
Band2	1.4	18607	6	#0	QPSK	NV	0	-20.87	-0.011	PASS
Band2	1.4	18607	6	#0	QPSK	NV	10	-17.82	-0.010	PASS
Band2	1.4	18607	6	#0	QPSK	NV	20	-20.63	-0.011	PASS
Band2	1.4	18607	6	#0	QPSK	NV	30	-20.56	-0.011	PASS
Band2	1.4	18607	6	#0	QPSK	NV	40	-24.70	-0.013	PASS
Band2	1.4	18607	6	#0	QPSK	NV	50	-21.93	-0.012	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-30	-23.95	-0.013	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-20	-23.89	-0.013	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-10	-25.31	-0.014	PASS
Band2	1.4	18607	6	#0	16QAM	NV	0	-15.03	-0.008	PASS
Band2	1.4	18607	6	#0	16QAM	NV	10	-21.24	-0.011	PASS
Band2	1.4	18607	6	#0	16QAM	NV	20	-21.67	-0.012	PASS
Band2	1.4	18607	6	#0	16QAM	NV	30	-22.10	-0.012	PASS
Band2	1.4	18607	6	#0	16QAM	NV	40	-15.61	-0.008	PASS
Band2	1.4	18607	6	#0	16QAM	NV	50	-23.19	-0.013	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-30	-21.39	-0.011	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-20	-17.81	-0.009	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-10	-17.40	-0.009	PASS
Band2	1.4	18900	6	#0	QPSK	NV	0	-20.56	-0.011	PASS
Band2	1.4	18900	6	#0	QPSK	NV	10	-17.21	-0.009	PASS
Band2	1.4	18900	6	#0	QPSK	NV	20	-24.63	-0.013	PASS
Band2	1.4	18900	6	#0	QPSK	NV	30	-19.90	-0.011	PASS
Band2	1.4	18900	6	#0	QPSK	NV	40	-19.74	-0.011	PASS
Band2	1.4	18900	6	#0	QPSK	NV	50	-24.19	-0.013	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-30	-23.32	-0.012	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-20	-22.67	-0.012	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-10	-19.48	-0.010	PASS
Band2	1.4	18900	6	#0	16QAM	NV	0	-12.87	-0.007	PASS
Band2	1.4	18900	6	#0	16QAM	NV	10	-22.75	-0.012	PASS
Band2	1.4	18900	6	#0	16QAM	NV	20	-18.01	-0.010	PASS
Band2	1.4	18900	6	#0	16QAM	NV	30	-16.94	-0.009	PASS
Band2	1.4	18900	6	#0	16QAM	NV	40	-17.35	-0.009	PASS
Band2	1.4	18900	6	#0	16QAM	NV	50	-17.60	-0.009	PASS
Band2	1.4	19193	6	#0	QPSK	NV	-30	-24.62	-0.013	PASS

Band2	1.4	19193	6	#0	QPSK	NV	-20	-20.31	-0.011	PASS
Band2	1.4	19193	6	#0	QPSK	NV	-10	-24.65	-0.013	PASS
Band2	1.4	19193	6	#0	QPSK	NV	0	-22.14	-0.012	PASS
Band2	1.4	19193	6	#0	QPSK	NV	10	-20.63	-0.011	PASS
Band2	1.4	19193	6	#0	QPSK	NV	20	-19.77	-0.010	PASS
Band2	1.4	19193	6	#0	QPSK	NV	30	-22.59	-0.012	PASS
Band2	1.4	19193	6	#0	QPSK	NV	40	-18.74	-0.010	PASS
Band2	1.4	19193	6	#0	QPSK	NV	50	-17.41	-0.009	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-30	-19.08	-0.010	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-20	-24.25	-0.013	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-10	-21.46	-0.011	PASS
Band2	1.4	19193	6	#0	16QAM	NV	0	-15.34	-0.008	PASS
Band2	1.4	19193	6	#0	16QAM	NV	10	-15.71	-0.008	PASS
Band2	1.4	19193	6	#0	16QAM	NV	20	-20.14	-0.011	PASS
Band2	1.4	19193	6	#0	16QAM	NV	30	-18.78	-0.010	PASS
Band2	1.4	19193	6	#0	16QAM	NV	40	-21.66	-0.011	PASS
Band2	1.4	19193	6	#0	16QAM	NV	50	-19.56	-0.010	PASS
Band2	3	18615	15	#0	QPSK	NV	-30	-22.03	-0.012	PASS
Band2	3	18615	15	#0	QPSK	NV	-20	-21.73	-0.012	PASS
Band2	3	18615	15	#0	QPSK	NV	-10	-18.67	-0.010	PASS
Band2	3	18615	15	#0	QPSK	NV	0	-14.51	-0.008	PASS
Band2	3	18615	15	#0	QPSK	NV	10	-17.14	-0.009	PASS
Band2	3	18615	15	#0	QPSK	NV	20	-19.68	-0.011	PASS
Band2	3	18615	15	#0	QPSK	NV	30	-20.74	-0.011	PASS
Band2	3	18615	15	#0	QPSK	NV	40	-16.75	-0.009	PASS
Band2	3	18615	15	#0	QPSK	NV	50	-23.39	-0.013	PASS
Band2	3	18615	15	#0	16QAM	NV	-30	-14.62	-0.008	PASS
Band2	3	18615	15	#0	16QAM	NV	-20	-18.35	-0.010	PASS
Band2	3	18615	15	#0	16QAM	NV	-10	-18.51	-0.010	PASS
Band2	3	18615	15	#0	16QAM	NV	0	-15.79	-0.009	PASS
Band2	3	18615	15	#0	16QAM	NV	10	-12.19	-0.007	PASS
Band2	3	18615	15	#0	16QAM	NV	20	-16.84	-0.009	PASS
Band2	3	18615	15	#0	16QAM	NV	30	-15.49	-0.008	PASS
Band2	3	18615	15	#0	16QAM	NV	40	-12.36	-0.007	PASS
Band2	3	18615	15	#0	16QAM	NV	50	-18.20	-0.010	PASS
Band2	3	18900	15	#0	QPSK	NV	-30	-22.26	-0.012	PASS
Band2	3	18900	15	#0	QPSK	NV	-20	-17.22	-0.009	PASS
Band2	3	18900	15	#0	QPSK	NV	-10	-9.87	-0.005	PASS
Band2	3	18900	15	#0	QPSK	NV	0	-19.68	-0.010	PASS
Band2	3	18900	15	#0	QPSK	NV	10	-12.13	-0.006	PASS
Band2	3	18900	15	#0	QPSK	NV	20	-23.02	-0.012	PASS
Band2	3	18900	15	#0	QPSK	NV	30	-13.25	-0.007	PASS

Band2	3	18900	15	#0	QPSK	NV	40	-13.49	-0.007	PASS
Band2	3	18900	15	#0	QPSK	NV	50	-16.77	-0.009	PASS
Band2	3	18900	15	#0	16QAM	NV	-30	-7.81	-0.004	PASS
Band2	3	18900	15	#0	16QAM	NV	-20	-16.26	-0.009	PASS
Band2	3	18900	15	#0	16QAM	NV	-10	-21.49	-0.011	PASS
Band2	3	18900	15	#0	16QAM	NV	0	-10.56	-0.006	PASS
Band2	3	18900	15	#0	16QAM	NV	10	-26.84	-0.014	PASS
Band2	3	18900	15	#0	16QAM	NV	20	-19.08	-0.010	PASS
Band2	3	18900	15	#0	16QAM	NV	30	-13.25	-0.007	PASS
Band2	3	18900	15	#0	16QAM	NV	40	-16.08	-0.009	PASS
Band2	3	18900	15	#0	16QAM	NV	50	-17.65	-0.009	PASS
Band2	3	19185	15	#0	QPSK	NV	-30	-20.31	-0.011	PASS
Band2	3	19185	15	#0	QPSK	NV	-20	-15.94	-0.008	PASS
Band2	3	19185	15	#0	QPSK	NV	-10	-17.45	-0.009	PASS
Band2	3	19185	15	#0	QPSK	NV	0	-19.10	-0.010	PASS
Band2	3	19185	15	#0	QPSK	NV	10	-15.23	-0.008	PASS
Band2	3	19185	15	#0	QPSK	NV	20	-15.89	-0.008	PASS
Band2	3	19185	15	#0	QPSK	NV	30	-19.93	-0.010	PASS
Band2	3	19185	15	#0	QPSK	NV	40	-17.41	-0.009	PASS
Band2	3	19185	15	#0	QPSK	NV	50	-14.91	-0.008	PASS
Band2	3	19185	15	#0	16QAM	NV	-30	-11.82	-0.006	PASS
Band2	3	19185	15	#0	16QAM	NV	-20	-16.54	-0.009	PASS
Band2	3	19185	15	#0	16QAM	NV	-10	-8.20	-0.004	PASS
Band2	3	19185	15	#0	16QAM	NV	0	-12.22	-0.006	PASS
Band2	3	19185	15	#0	16QAM	NV	10	-7.85	-0.004	PASS
Band2	3	19185	15	#0	16QAM	NV	20	-23.37	-0.012	PASS
Band2	3	19185	15	#0	16QAM	NV	30	-19.63	-0.010	PASS
Band2	3	19185	15	#0	16QAM	NV	40	-20.99	-0.011	PASS
Band2	3	19185	15	#0	16QAM	NV	50	-17.67	-0.009	PASS
Band2	5	18625	25	#0	QPSK	NV	-30	-13.16	-0.007	PASS
Band2	5	18625	25	#0	QPSK	NV	-20	-14.53	-0.008	PASS
Band2	5	18625	25	#0	QPSK	NV	-10	-12.29	-0.007	PASS
Band2	5	18625	25	#0	QPSK	NV	0	-11.04	-0.006	PASS
Band2	5	18625	25	#0	QPSK	NV	10	-17.04	-0.009	PASS
Band2	5	18625	25	#0	QPSK	NV	20	-19.35	-0.010	PASS
Band2	5	18625	25	#0	QPSK	NV	30	-17.25	-0.009	PASS
Band2	5	18625	25	#0	QPSK	NV	40	-21.82	-0.012	PASS
Band2	5	18625	25	#0	QPSK	NV	50	-20.79	-0.011	PASS
Band2	5	18625	25	#0	16QAM	NV	-30	-15.59	-0.008	PASS
Band2	5	18625	25	#0	16QAM	NV	-20	-23.88	-0.013	PASS
Band2	5	18625	25	#0	16QAM	NV	-10	-9.14	-0.005	PASS
Band2	5	18625	25	#0	16QAM	NV	0	-6.98	-0.004	PASS

Band2	5	18625	25	#0	16QAM	NV	10	-21.44	-0.012	PASS
Band2	5	18625	25	#0	16QAM	NV	20	-19.01	-0.010	PASS
Band2	5	18625	25	#0	16QAM	NV	30	-13.29	-0.007	PASS
Band2	5	18625	25	#0	16QAM	NV	40	-15.41	-0.008	PASS
Band2	5	18625	25	#0	16QAM	NV	50	-6.75	-0.004	PASS
Band2	5	18900	25	#0	QPSK	NV	-30	-17.11	-0.009	PASS
Band2	5	18900	25	#0	QPSK	NV	-20	-19.51	-0.010	PASS
Band2	5	18900	25	#0	QPSK	NV	-10	-20.16	-0.011	PASS
Band2	5	18900	25	#0	QPSK	NV	0	-17.24	-0.009	PASS
Band2	5	18900	25	#0	QPSK	NV	10	-22.17	-0.012	PASS
Band2	5	18900	25	#0	QPSK	NV	20	-16.51	-0.009	PASS
Band2	5	18900	25	#0	QPSK	NV	30	-13.33	-0.007	PASS
Band2	5	18900	25	#0	QPSK	NV	40	-11.56	-0.006	PASS
Band2	5	18900	25	#0	QPSK	NV	50	-19.17	-0.010	PASS
Band2	5	18900	25	#0	16QAM	NV	-30	-22.37	-0.012	PASS
Band2	5	18900	25	#0	16QAM	NV	-20	-15.81	-0.008	PASS
Band2	5	18900	25	#0	16QAM	NV	-10	-15.01	-0.008	PASS
Band2	5	18900	25	#0	16QAM	NV	0	-17.91	-0.010	PASS
Band2	5	18900	25	#0	16QAM	NV	10	-20.83	-0.011	PASS
Band2	5	18900	25	#0	16QAM	NV	20	-13.95	-0.007	PASS
Band2	5	18900	25	#0	16QAM	NV	30	-7.67	-0.004	PASS
Band2	5	18900	25	#0	16QAM	NV	40	-4.45	-0.002	PASS
Band2	5	18900	25	#0	16QAM	NV	50	-16.01	-0.009	PASS
Band2	5	19175	25	#0	QPSK	NV	-30	-7.70	-0.004	PASS
Band2	5	19175	25	#0	QPSK	NV	-20	-19.17	-0.010	PASS
Band2	5	19175	25	#0	QPSK	NV	-10	-10.97	-0.006	PASS
Band2	5	19175	25	#0	QPSK	NV	0	-17.28	-0.009	PASS
Band2	5	19175	25	#0	QPSK	NV	10	-9.14	-0.005	PASS
Band2	5	19175	25	#0	QPSK	NV	20	-12.72	-0.007	PASS
Band2	5	19175	25	#0	QPSK	NV	30	-23.66	-0.012	PASS
Band2	5	19175	25	#0	QPSK	NV	40	-9.26	-0.005	PASS
Band2	5	19175	25	#0	QPSK	NV	50	-16.74	-0.009	PASS
Band2	5	19175	25	#0	16QAM	NV	-30	-13.02	-0.007	PASS
Band2	5	19175	25	#0	16QAM	NV	-20	-11.70	-0.006	PASS
Band2	5	19175	25	#0	16QAM	NV	-10	-14.73	-0.008	PASS
Band2	5	19175	25	#0	16QAM	NV	0	-13.82	-0.007	PASS
Band2	5	19175	25	#0	16QAM	NV	10	-17.22	-0.009	PASS
Band2	5	19175	25	#0	16QAM	NV	20	-10.66	-0.006	PASS
Band2	5	19175	25	#0	16QAM	NV	30	-18.02	-0.009	PASS
Band2	5	19175	25	#0	16QAM	NV	40	2.00	0.001	PASS
Band2	5	19175	25	#0	16QAM	NV	50	-20.77	-0.011	PASS
Band2	10	18650	50	#0	QPSK	NV	-30	-19.87	-0.011	PASS

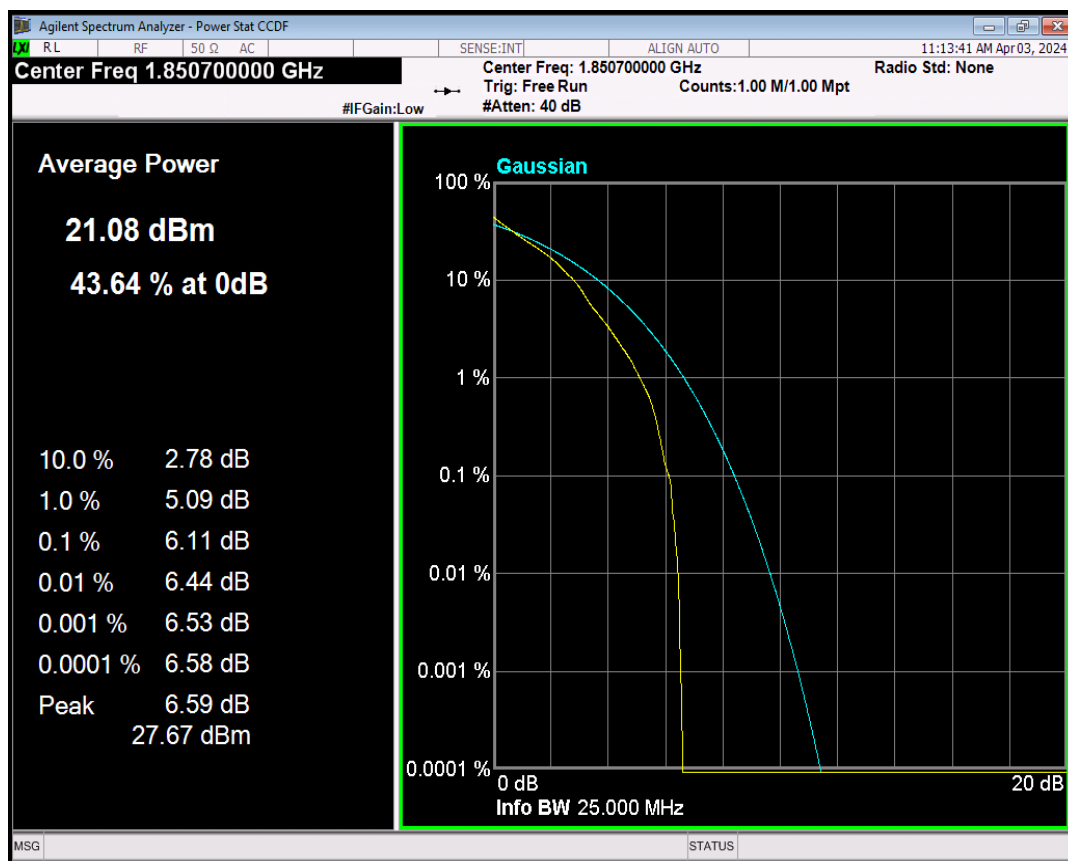
Band2	10	18650	50	#0	QPSK	NV	-20	6.09	0.003	PASS
Band2	10	18650	50	#0	QPSK	NV	-10	17.35	0.009	PASS
Band2	10	18650	50	#0	QPSK	NV	0	-7.12	-0.004	PASS
Band2	10	18650	50	#0	QPSK	NV	10	-5.97	-0.003	PASS
Band2	10	18650	50	#0	QPSK	NV	20	-10.19	-0.005	PASS
Band2	10	18650	50	#0	QPSK	NV	30	-5.12	-0.003	PASS
Band2	10	18650	50	#0	QPSK	NV	40	-8.74	-0.005	PASS
Band2	10	18650	50	#0	QPSK	NV	50	-18.04	-0.010	PASS
Band2	10	18900	50	#0	QPSK	NV	-30	-15.88	-0.008	PASS
Band2	10	18900	50	#0	QPSK	NV	-20	-13.20	-0.007	PASS
Band2	10	18900	50	#0	QPSK	NV	-10	-8.74	-0.005	PASS
Band2	10	18900	50	#0	QPSK	NV	0	-13.89	-0.007	PASS
Band2	10	18900	50	#0	QPSK	NV	10	-10.33	-0.005	PASS
Band2	10	18900	50	#0	QPSK	NV	20	-18.00	-0.010	PASS
Band2	10	18900	50	#0	QPSK	NV	30	-19.44	-0.010	PASS
Band2	10	18900	50	#0	QPSK	NV	40	-11.76	-0.006	PASS
Band2	10	18900	50	#0	QPSK	NV	50	-19.56	-0.010	PASS
Band2	10	19150	50	#0	QPSK	NV	-30	-8.75	-0.005	PASS
Band2	10	19150	50	#0	QPSK	NV	-20	-4.53	-0.002	PASS
Band2	10	19150	50	#0	QPSK	NV	-10	-17.15	-0.009	PASS
Band2	10	19150	50	#0	QPSK	NV	0	-6.45	-0.003	PASS
Band2	10	19150	50	#0	QPSK	NV	10	7.21	0.004	PASS
Band2	10	19150	50	#0	QPSK	NV	20	-20.41	-0.011	PASS
Band2	10	19150	50	#0	QPSK	NV	30	-6.51	-0.003	PASS
Band2	10	19150	50	#0	QPSK	NV	40	-9.00	-0.005	PASS
Band2	10	19150	50	#0	QPSK	NV	50	-13.72	-0.007	PASS
Band2	15	18675	75	#0	QPSK	NV	-30	-3.30	-0.002	PASS
Band2	15	18675	75	#0	QPSK	NV	-20	-1.32	-0.001	PASS
Band2	15	18675	75	#0	QPSK	NV	-10	-11.10	-0.006	PASS
Band2	15	18675	75	#0	QPSK	NV	0	-15.44	-0.008	PASS
Band2	15	18675	75	#0	QPSK	NV	10	-16.29	-0.009	PASS
Band2	15	18675	75	#0	QPSK	NV	20	-5.89	-0.003	PASS
Band2	15	18675	75	#0	QPSK	NV	30	-13.60	-0.007	PASS
Band2	15	18675	75	#0	QPSK	NV	40	-10.86	-0.006	PASS
Band2	15	18675	75	#0	QPSK	NV	50	-10.26	-0.006	PASS
Band2	15	18900	75	#0	QPSK	NV	-30	-7.71	-0.004	PASS
Band2	15	18900	75	#0	QPSK	NV	-20	-9.60	-0.005	PASS
Band2	15	18900	75	#0	QPSK	NV	-10	-5.84	-0.003	PASS
Band2	15	18900	75	#0	QPSK	NV	0	-2.00	-0.001	PASS
Band2	15	18900	75	#0	QPSK	NV	10	-8.14	-0.004	PASS
Band2	15	18900	75	#0	QPSK	NV	20	-13.43	-0.007	PASS
Band2	15	18900	75	#0	QPSK	NV	30	-8.41	-0.004	PASS

Band2	15	18900	75	#0	QPSK	NV	40	-12.86	-0.007	PASS
Band2	15	18900	75	#0	QPSK	NV	50	-16.69	-0.009	PASS
Band2	15	19125	75	#0	QPSK	NV	-30	-12.33	-0.006	PASS
Band2	15	19125	75	#0	QPSK	NV	-20	-16.35	-0.009	PASS
Band2	15	19125	75	#0	QPSK	NV	-10	-18.24	-0.010	PASS
Band2	15	19125	75	#0	QPSK	NV	0	-15.82	-0.008	PASS
Band2	15	19125	75	#0	QPSK	NV	10	-10.86	-0.006	PASS
Band2	15	19125	75	#0	QPSK	NV	20	-21.01	-0.011	PASS
Band2	15	19125	75	#0	QPSK	NV	30	-14.73	-0.008	PASS
Band2	15	19125	75	#0	QPSK	NV	40	-12.12	-0.006	PASS
Band2	15	19125	75	#0	QPSK	NV	50	-15.54	-0.008	PASS
Band2	20	18700	100	#0	QPSK	NV	-30	-16.44	-0.009	PASS
Band2	20	18700	100	#0	QPSK	NV	-20	-11.84	-0.006	PASS
Band2	20	18700	100	#0	QPSK	NV	-10	-12.77	-0.007	PASS
Band2	20	18700	100	#0	QPSK	NV	0	-7.65	-0.004	PASS
Band2	20	18700	100	#0	QPSK	NV	10	-16.01	-0.009	PASS
Band2	20	18700	100	#0	QPSK	NV	20	-18.35	-0.010	PASS
Band2	20	18700	100	#0	QPSK	NV	30	-13.60	-0.007	PASS
Band2	20	18700	100	#0	QPSK	NV	40	-8.38	-0.005	PASS
Band2	20	18700	100	#0	QPSK	NV	50	-14.15	-0.008	PASS
Band2	20	18900	100	#0	QPSK	NV	-30	-9.81	-0.005	PASS
Band2	20	18900	100	#0	QPSK	NV	-20	-14.00	-0.007	PASS
Band2	20	18900	100	#0	QPSK	NV	-10	-13.35	-0.007	PASS
Band2	20	18900	100	#0	QPSK	NV	0	-12.69	-0.007	PASS
Band2	20	18900	100	#0	QPSK	NV	10	-13.59	-0.007	PASS
Band2	20	18900	100	#0	QPSK	NV	20	-10.67	-0.006	PASS
Band2	20	18900	100	#0	QPSK	NV	30	-12.83	-0.007	PASS
Band2	20	18900	100	#0	QPSK	NV	40	2.47	0.001	PASS
Band2	20	18900	100	#0	QPSK	NV	50	-3.32	-0.002	PASS
Band2	20	19100	100	#0	QPSK	NV	-30	-14.22	-0.007	PASS
Band2	20	19100	100	#0	QPSK	NV	-20	-0.43	0.000	PASS
Band2	20	19100	100	#0	QPSK	NV	-10	-6.15	-0.003	PASS
Band2	20	19100	100	#0	QPSK	NV	0	-4.33	-0.002	PASS
Band2	20	19100	100	#0	QPSK	NV	10	-10.64	-0.006	PASS
Band2	20	19100	100	#0	QPSK	NV	20	0.03	0.000	PASS
Band2	20	19100	100	#0	QPSK	NV	30	-2.10	-0.001	PASS
Band2	20	19100	100	#0	QPSK	NV	40	-2.33	-0.001	PASS
Band2	20	19100	100	#0	QPSK	NV	50	-11.42	-0.006	PASS

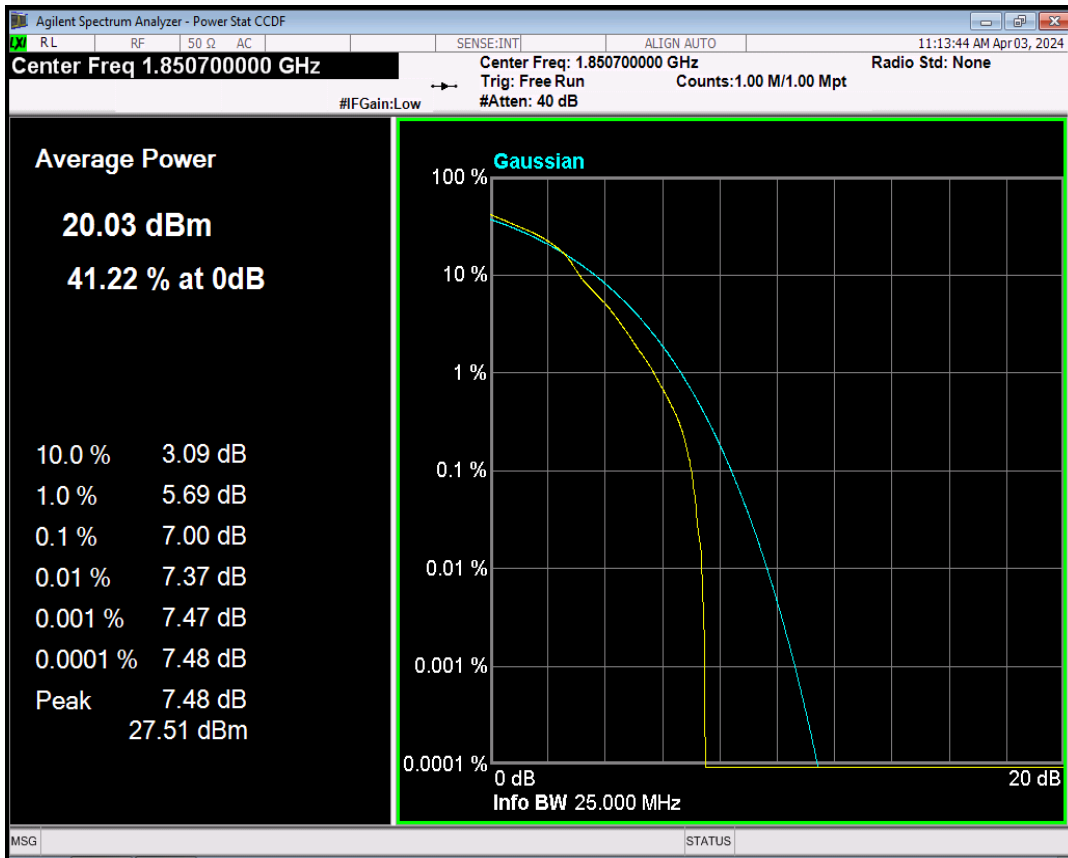
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	6.11	13	PASS
Band2	1.4	18607	1	#0	16QAM	7.00	13	PASS
Band2	1.4	18900	1	#0	QPSK	4.47	13	PASS
Band2	1.4	18900	1	#0	16QAM	5.45	13	PASS
Band2	1.4	19193	1	#0	QPSK	4.47	13	PASS
Band2	1.4	19193	1	#0	16QAM	5.27	13	PASS
Band2	3	18615	1	#0	QPSK	5.98	13	PASS
Band2	3	18615	1	#0	16QAM	6.97	13	PASS
Band2	3	18900	1	#0	QPSK	4.43	13	PASS
Band2	3	18900	1	#0	16QAM	5.47	13	PASS
Band2	3	19185	1	#0	QPSK	4.42	13	PASS
Band2	3	19185	1	#0	16QAM	5.34	13	PASS
Band2	5	18625	1	#0	QPSK	6.16	13	PASS
Band2	5	18625	1	#0	16QAM	6.71	13	PASS
Band2	5	18900	1	#0	QPSK	4.32	13	PASS
Band2	5	18900	1	#0	16QAM	5.10	13	PASS
Band2	5	19175	1	#0	QPSK	5.00	13	PASS
Band2	5	19175	1	#0	16QAM	5.82	13	PASS
Band2	10	18650	1	#0	QPSK	5.87	13	PASS
Band2	10	18900	1	#0	QPSK	4.60	13	PASS
Band2	10	19150	1	#0	QPSK	5.39	13	PASS
Band2	15	18675	1	#0	QPSK	6.00	13	PASS
Band2	15	18900	1	#0	QPSK	5.08	13	PASS
Band2	15	19125	1	#0	QPSK	5.23	13	PASS
Band2	20	18700	1	#0	QPSK	5.82	13	PASS
Band2	20	18900	1	#0	QPSK	5.45	13	PASS
Band2	20	19100	1	#0	QPSK	5.55	13	PASS

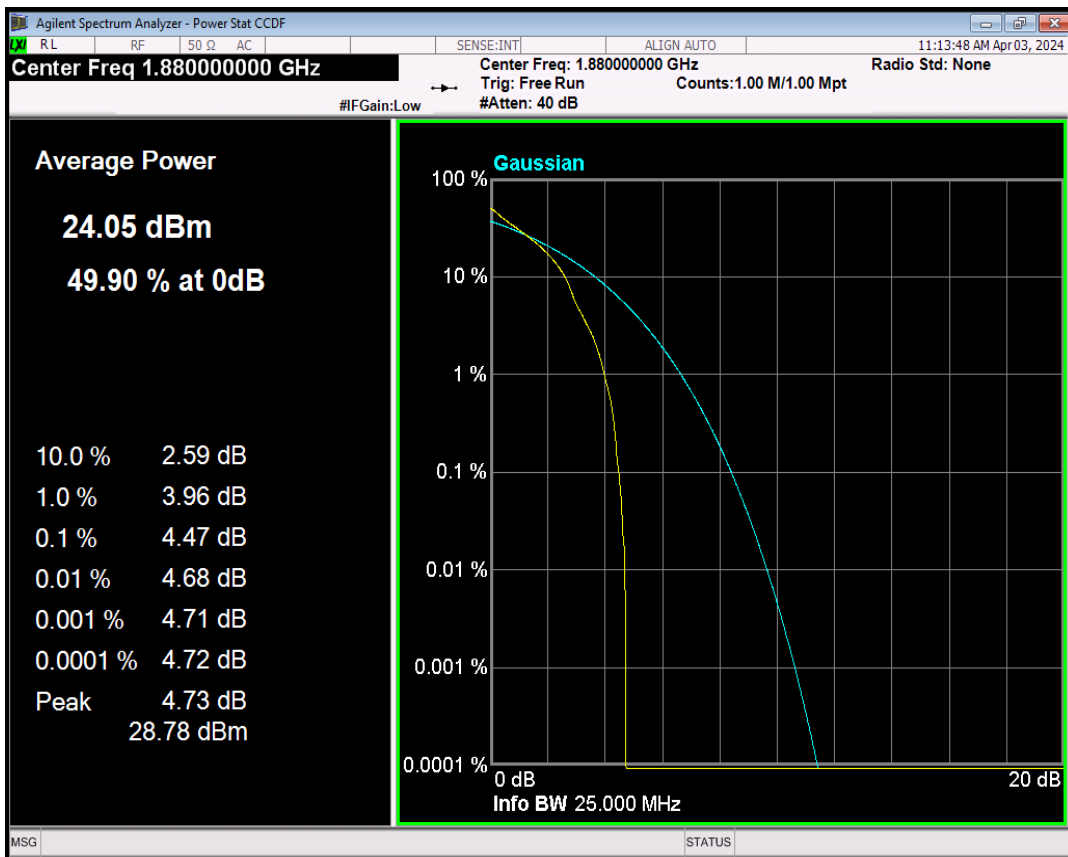
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



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

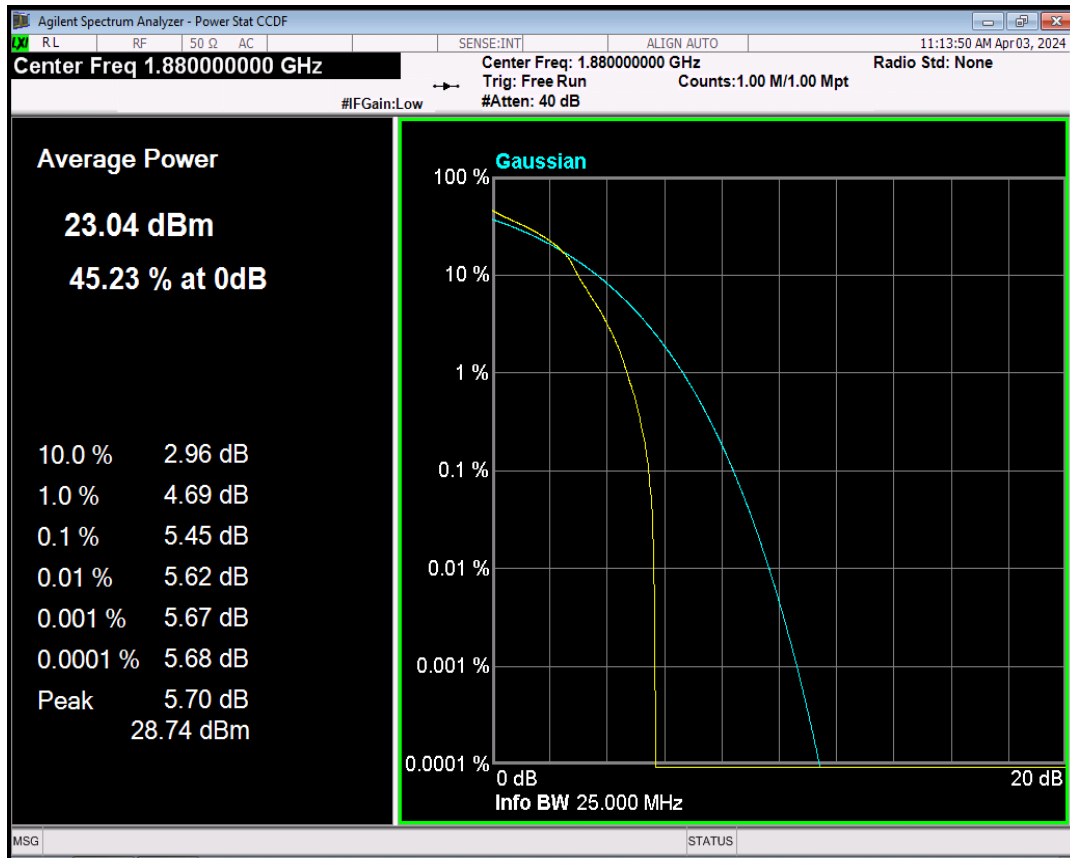


Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0

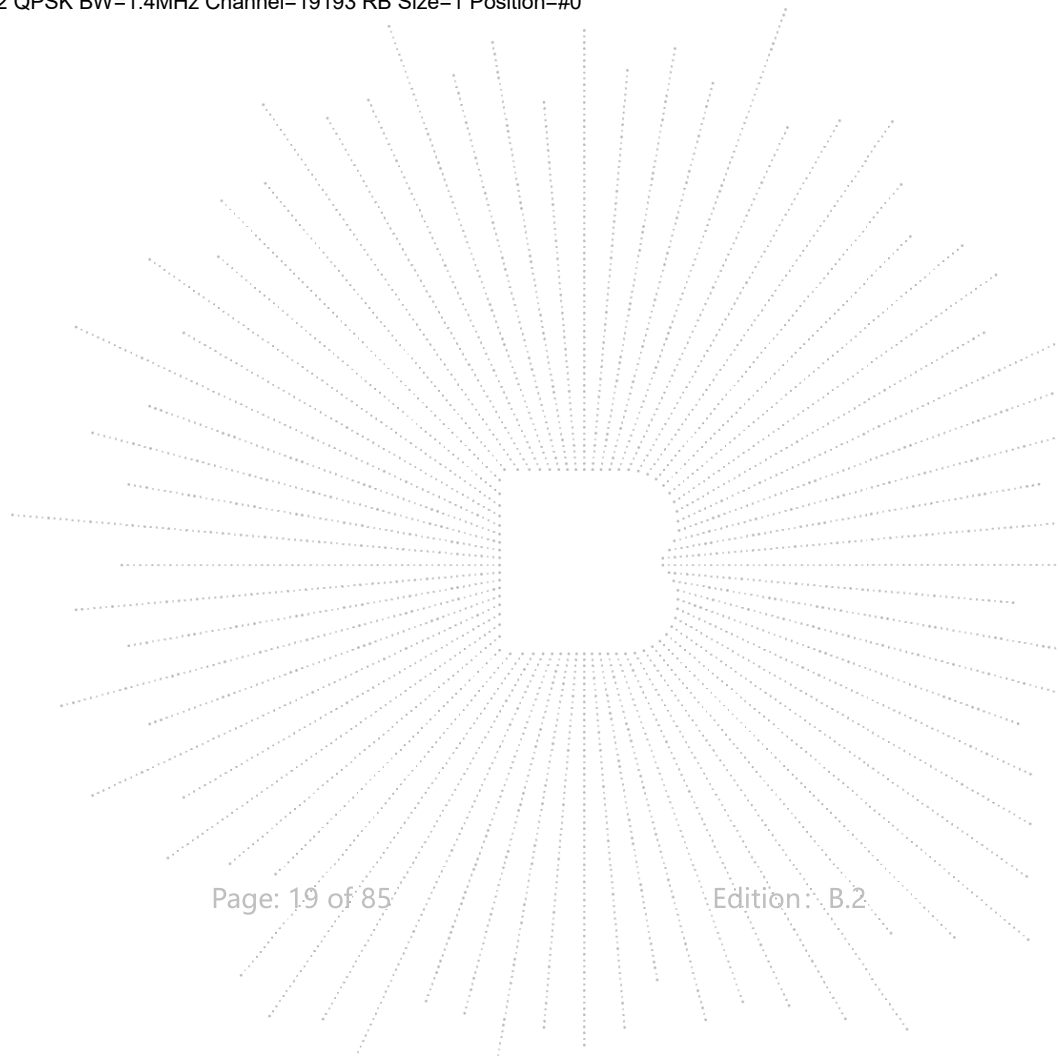


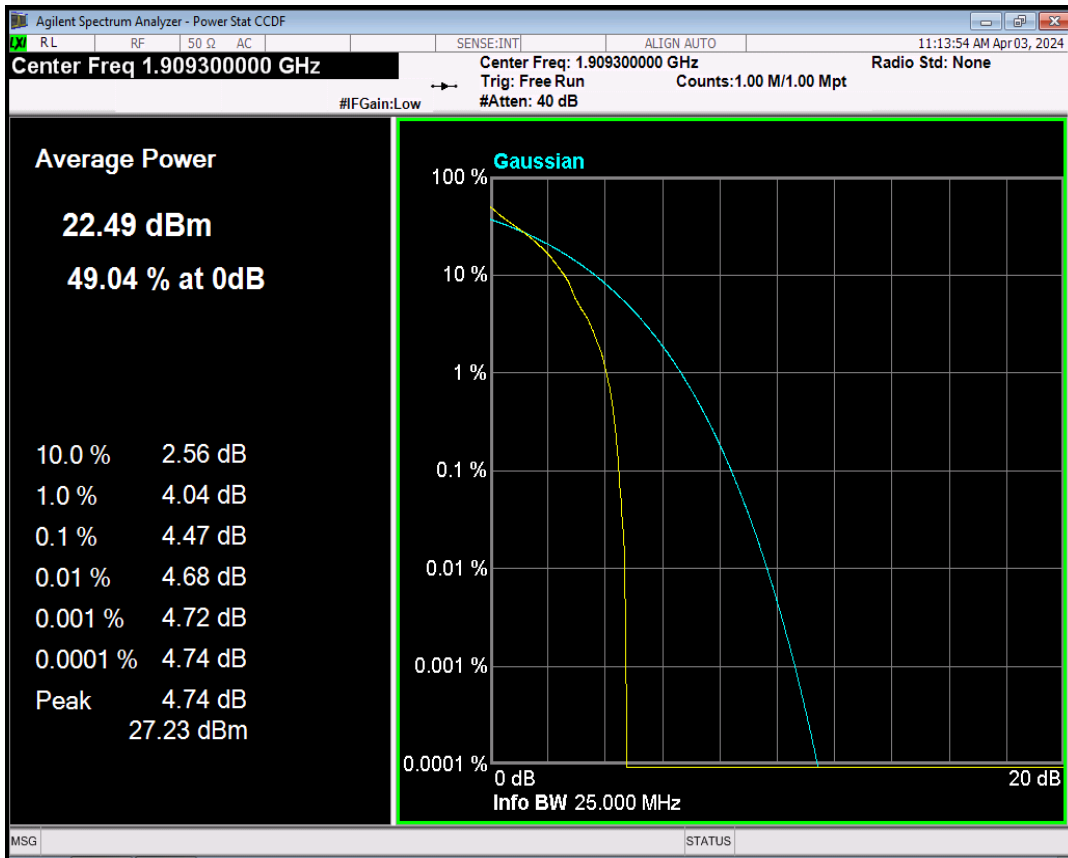


Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0

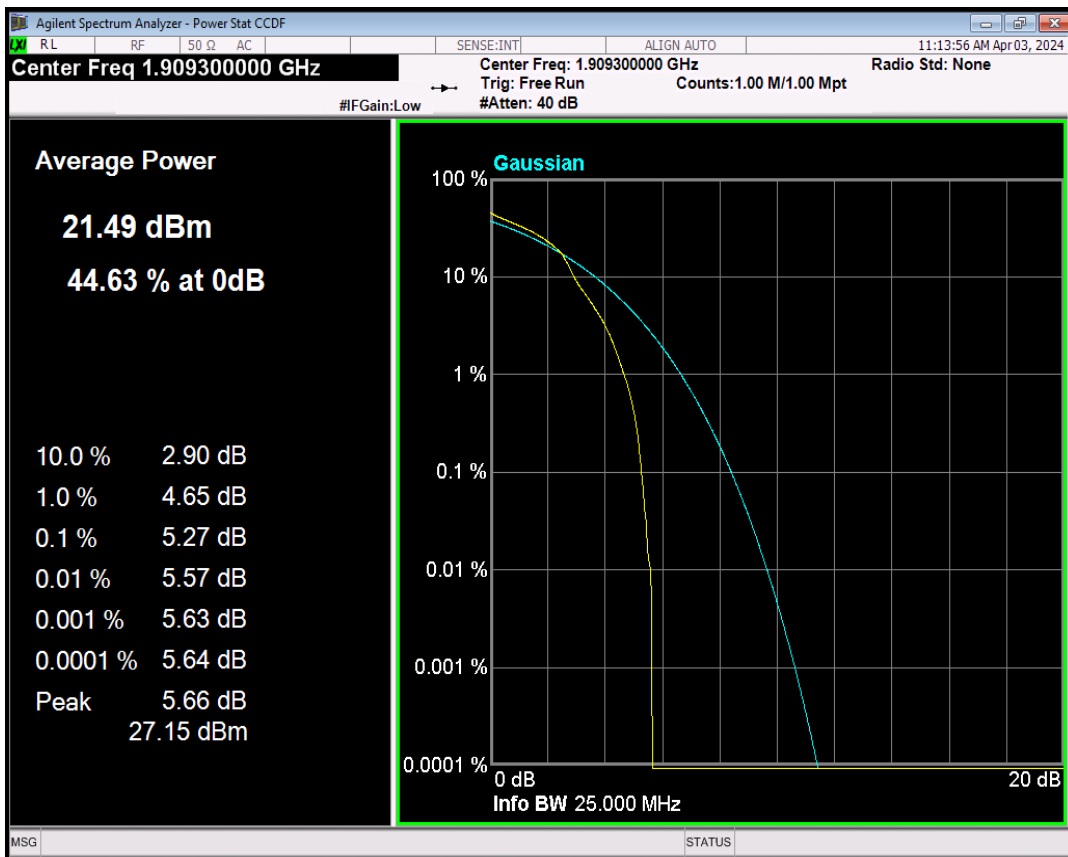


Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0

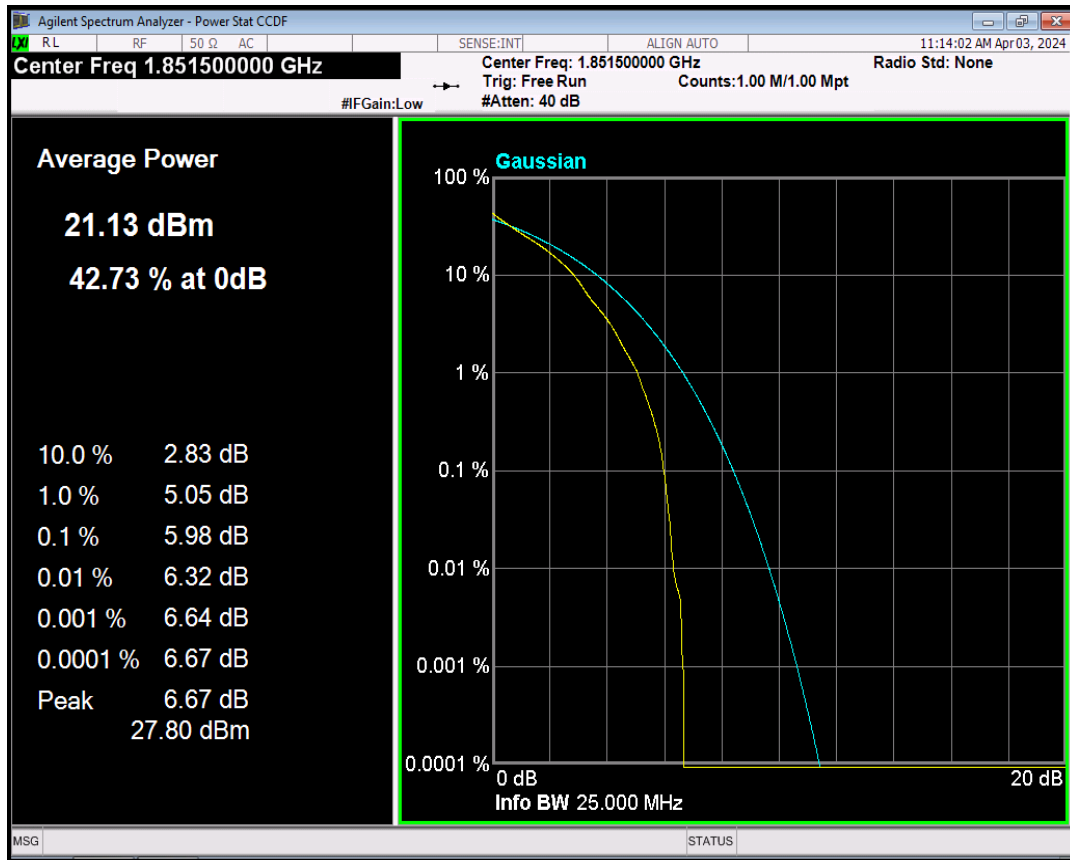




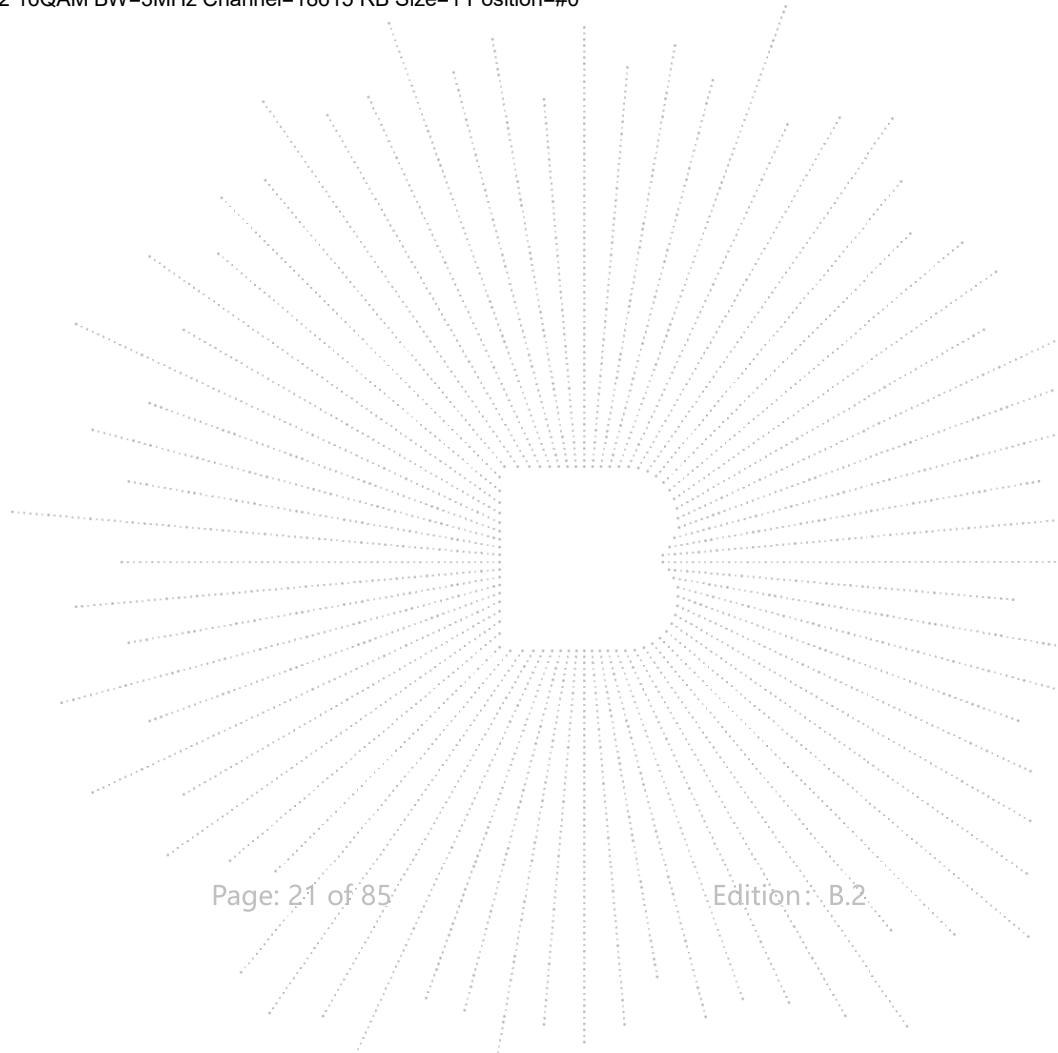
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0

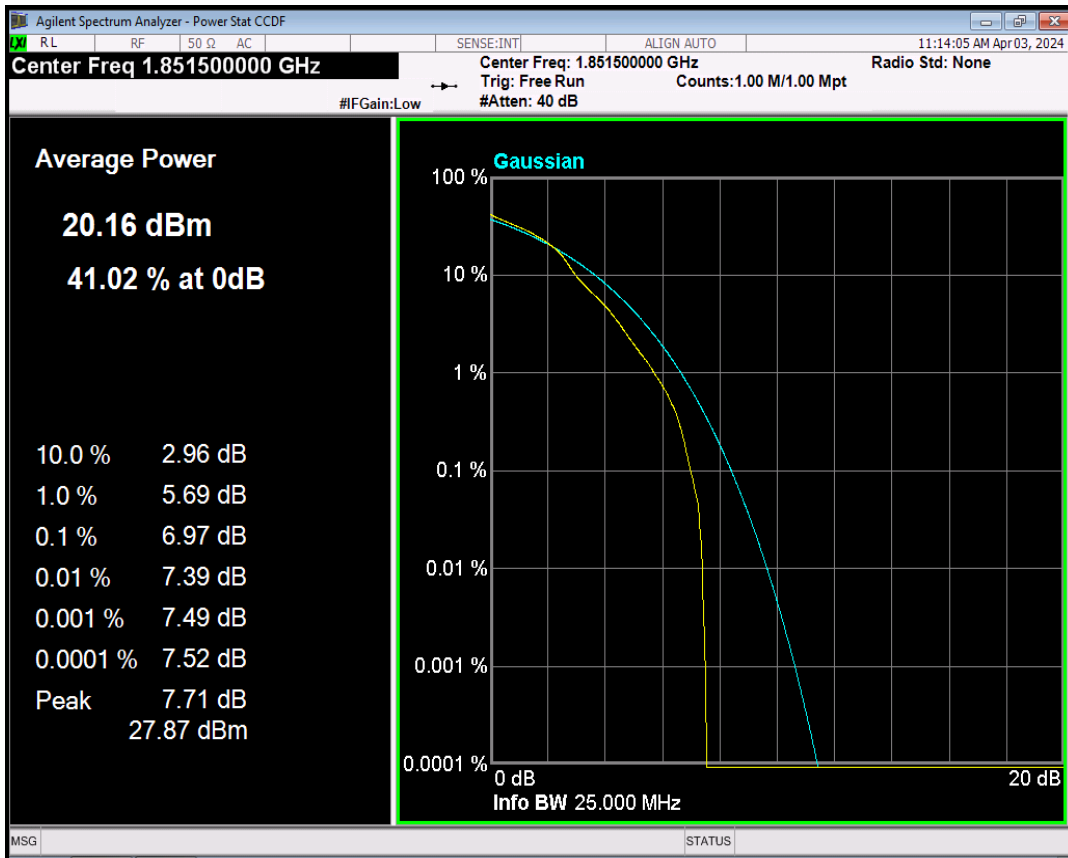


Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0

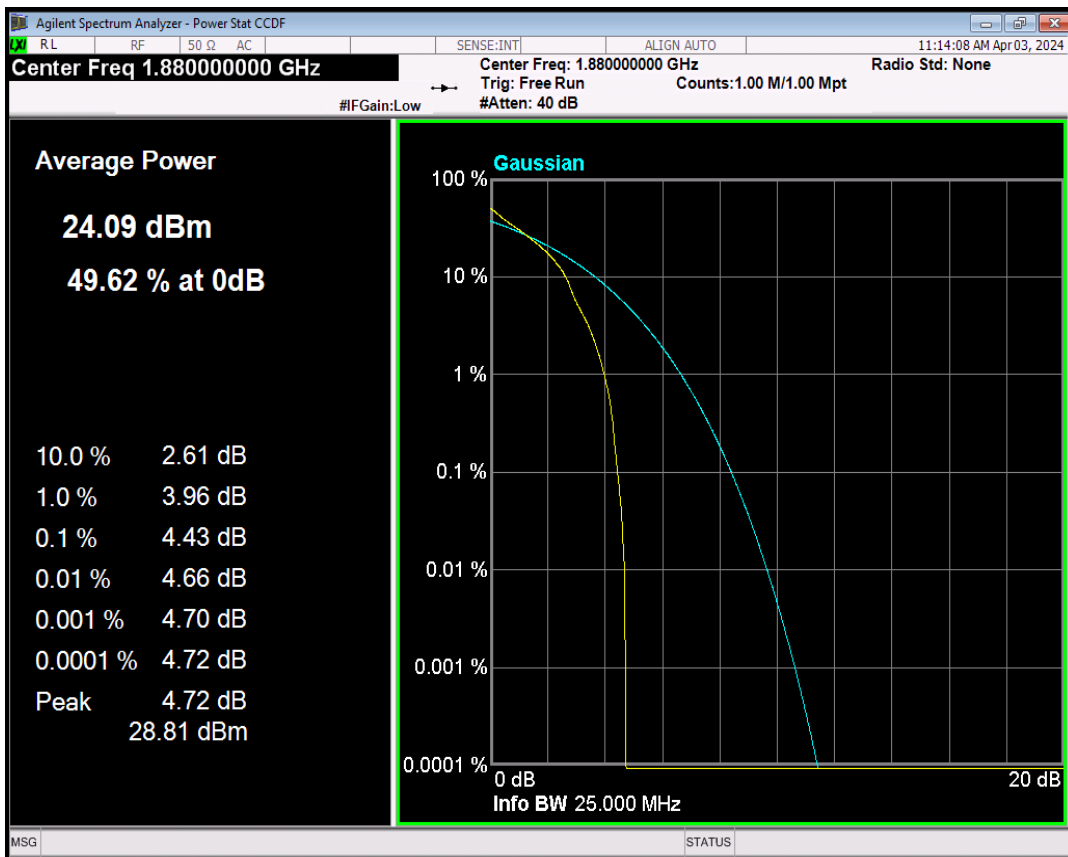


Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0

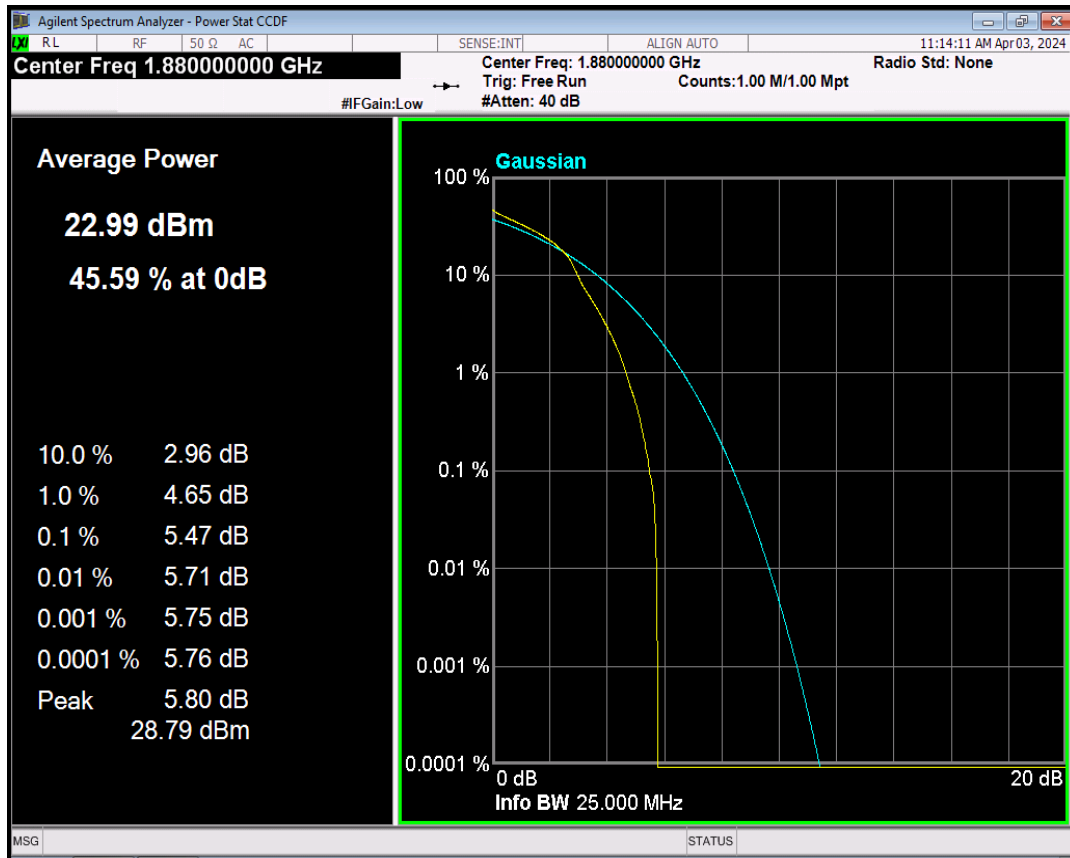




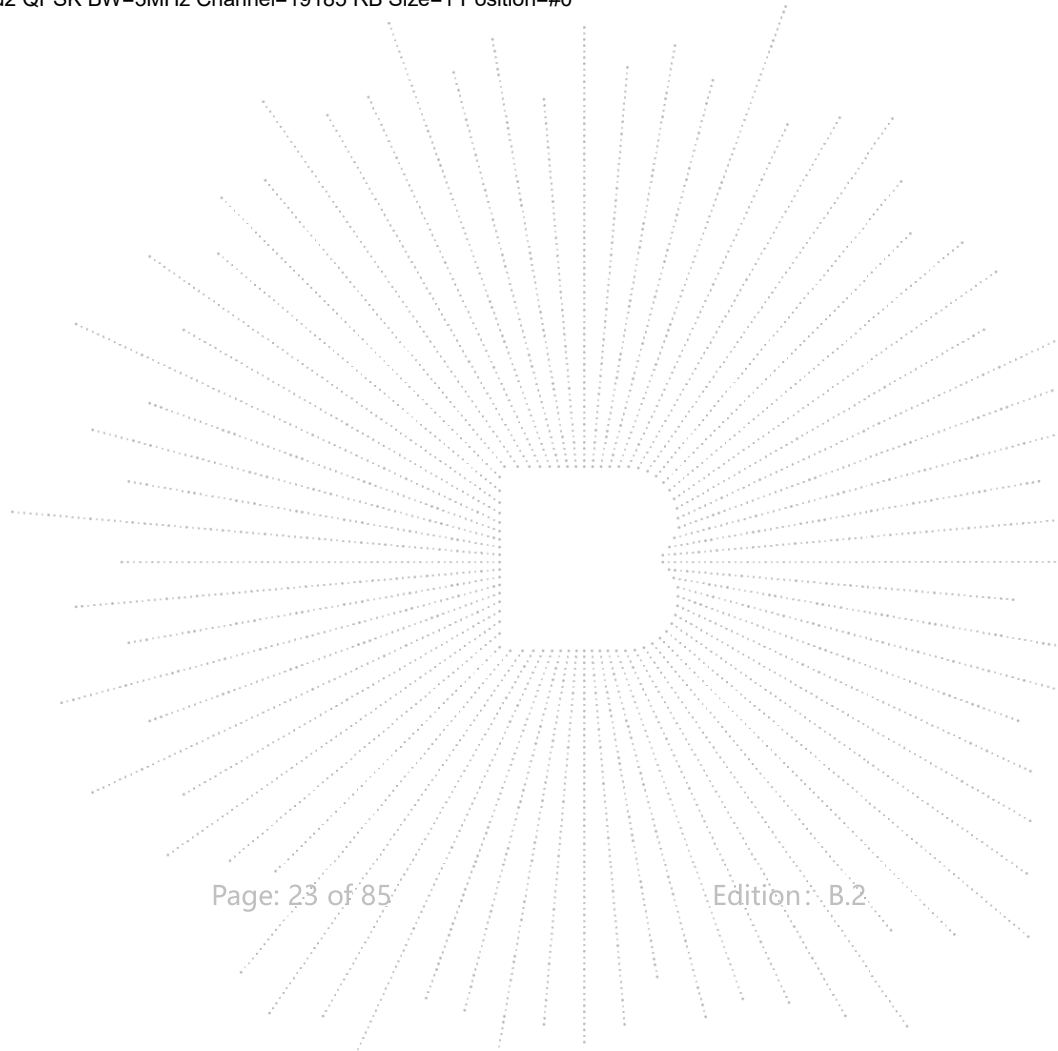
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0

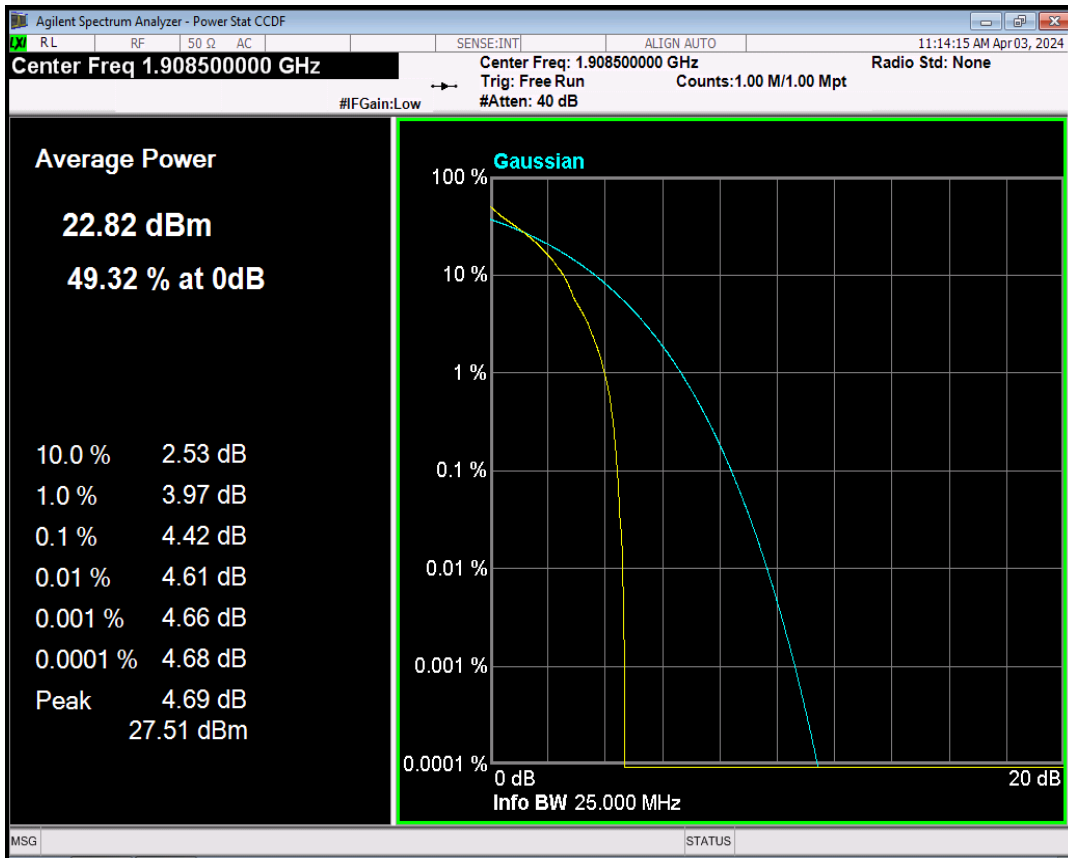


Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0

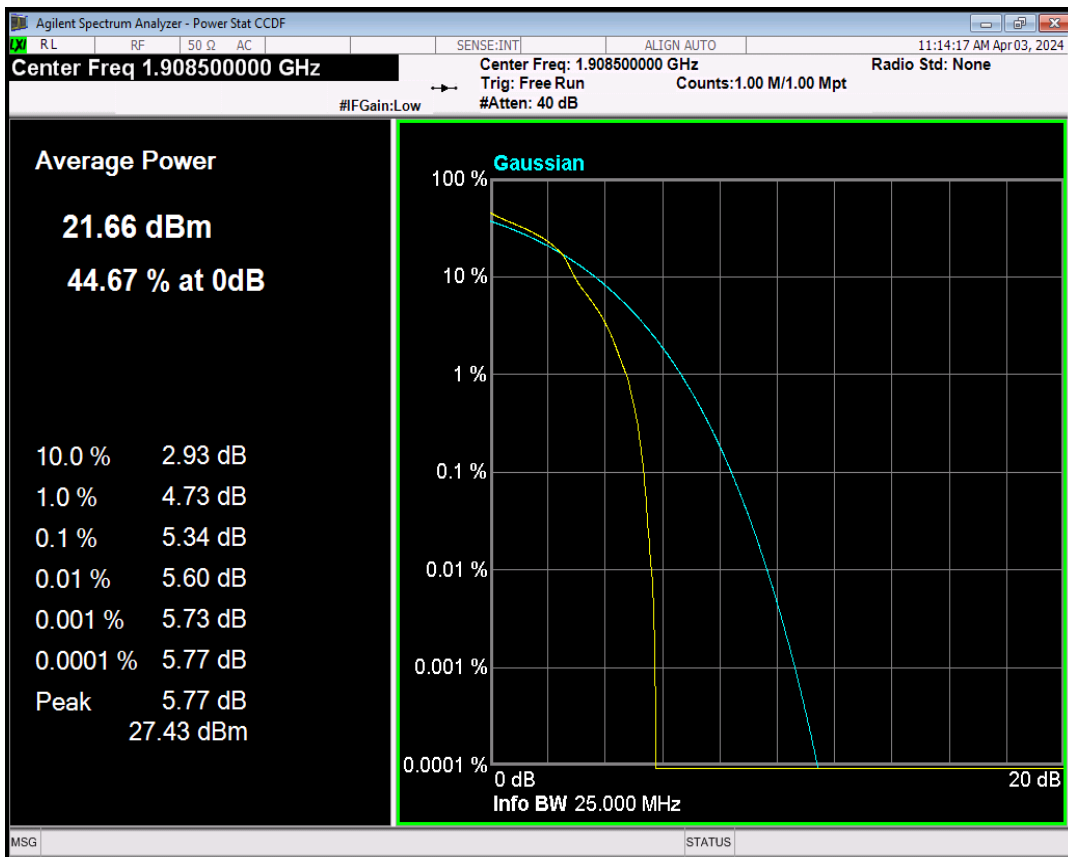


Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0

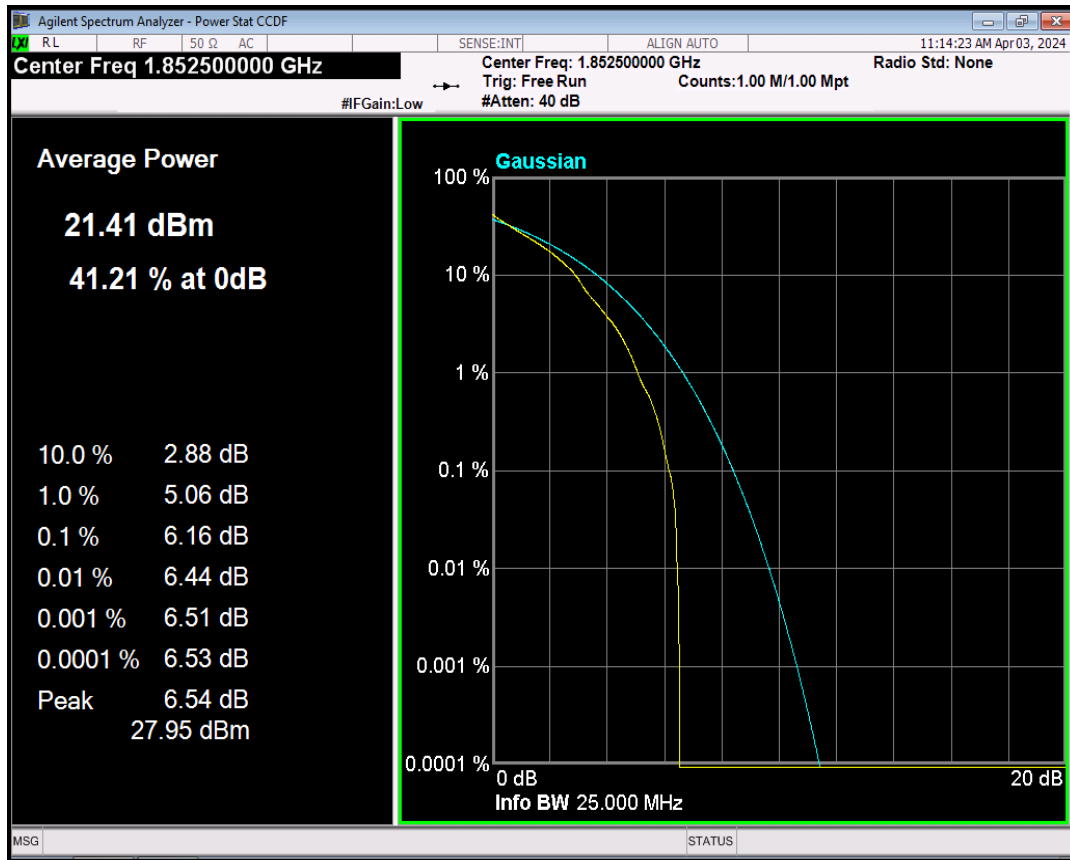




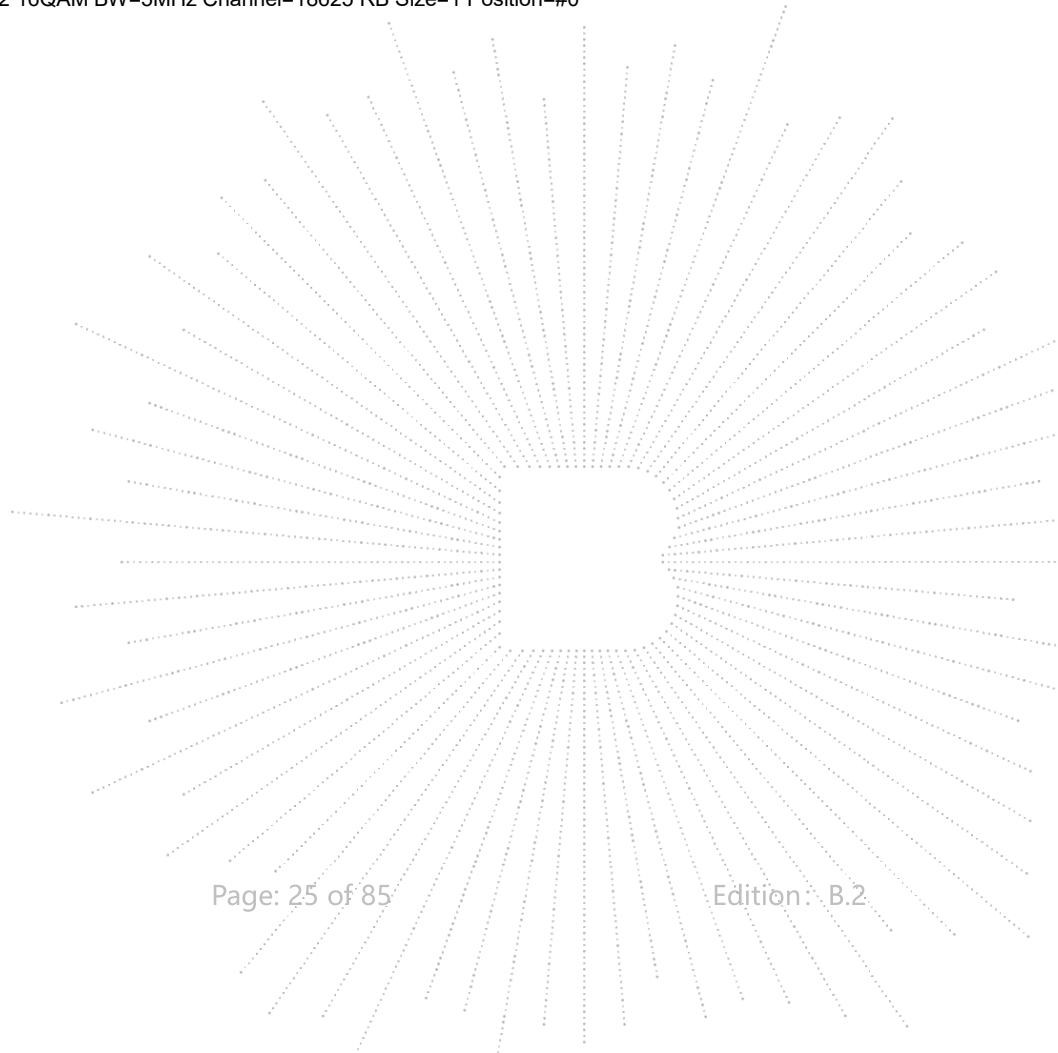
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0

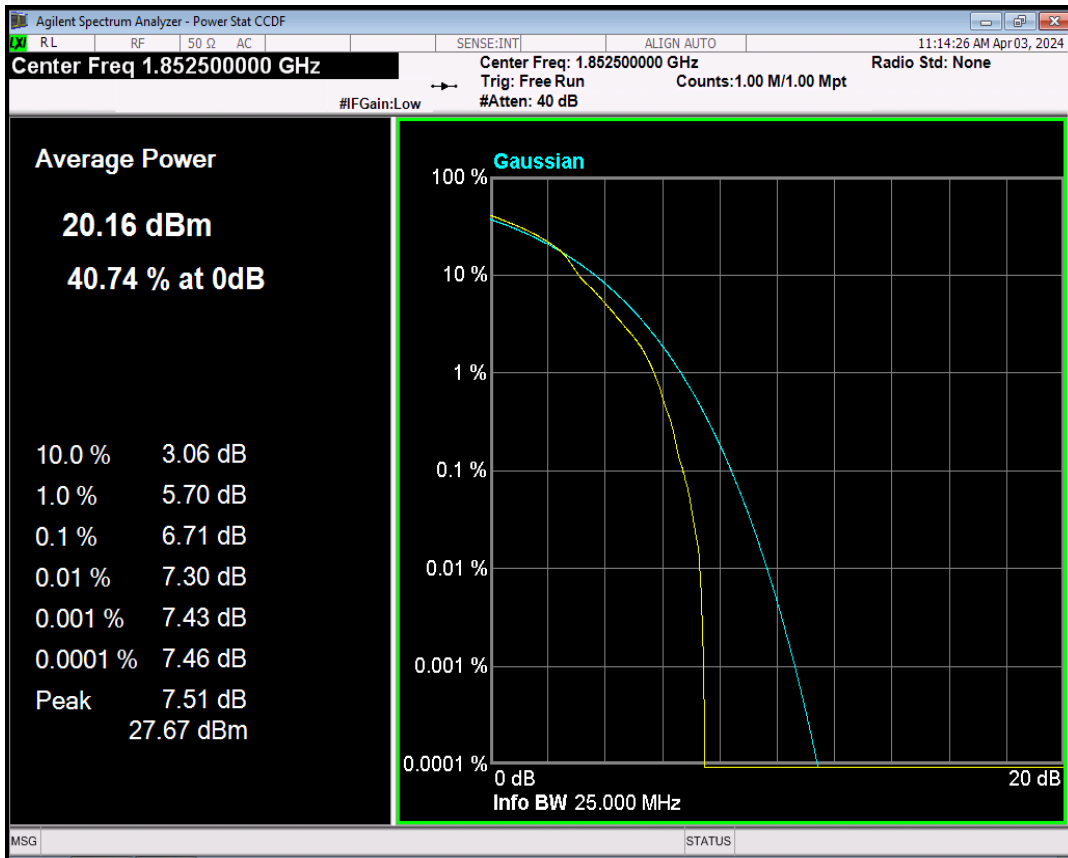


Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0

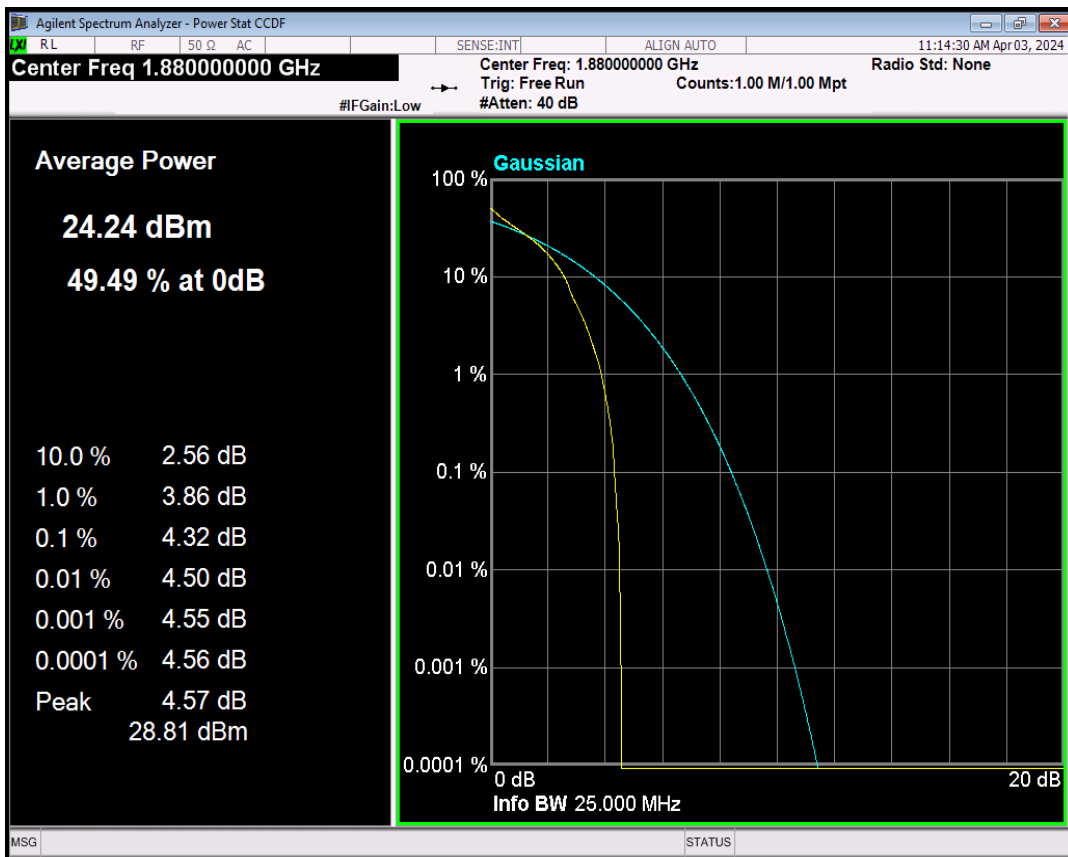


Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0

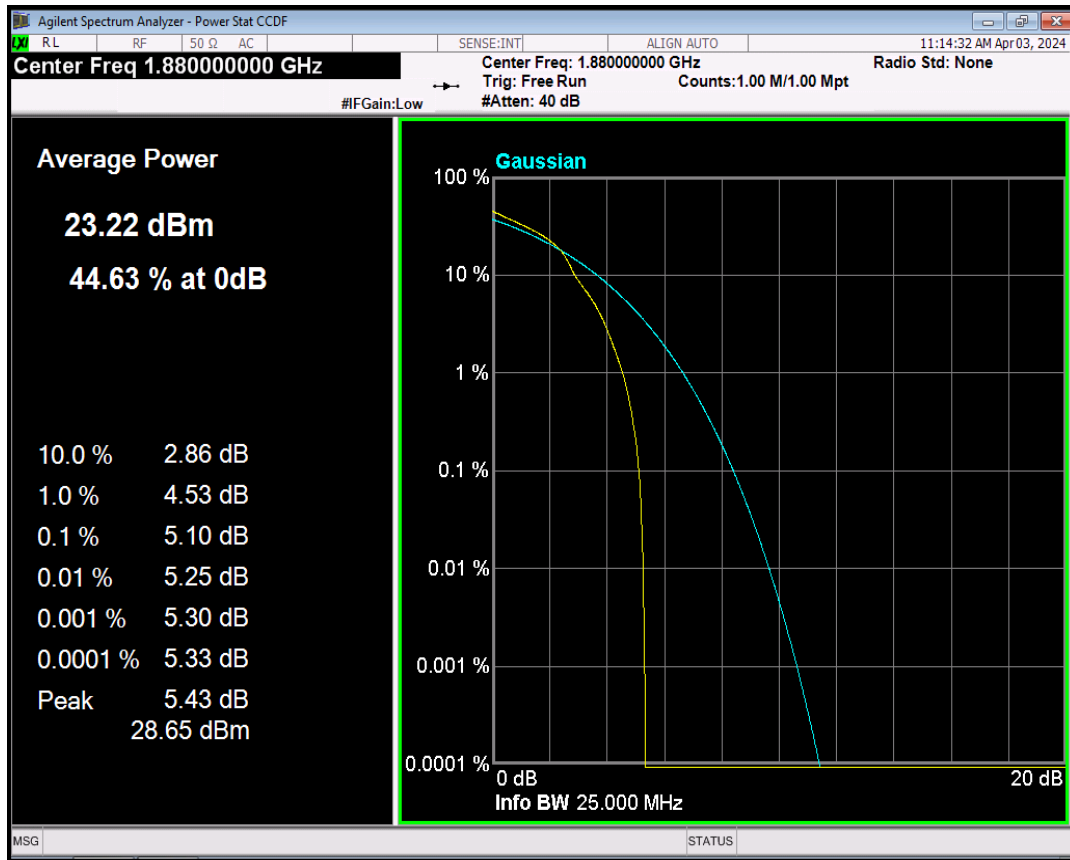




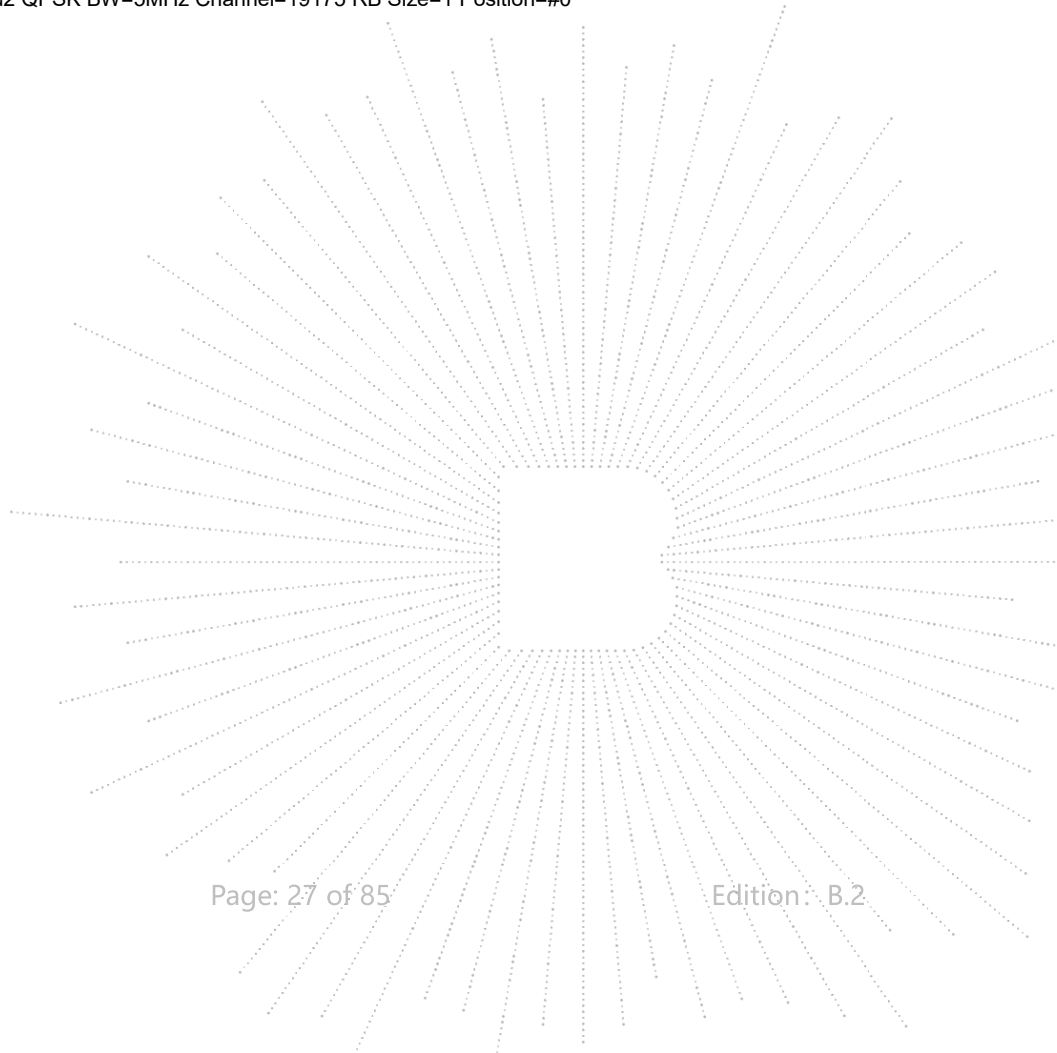
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0

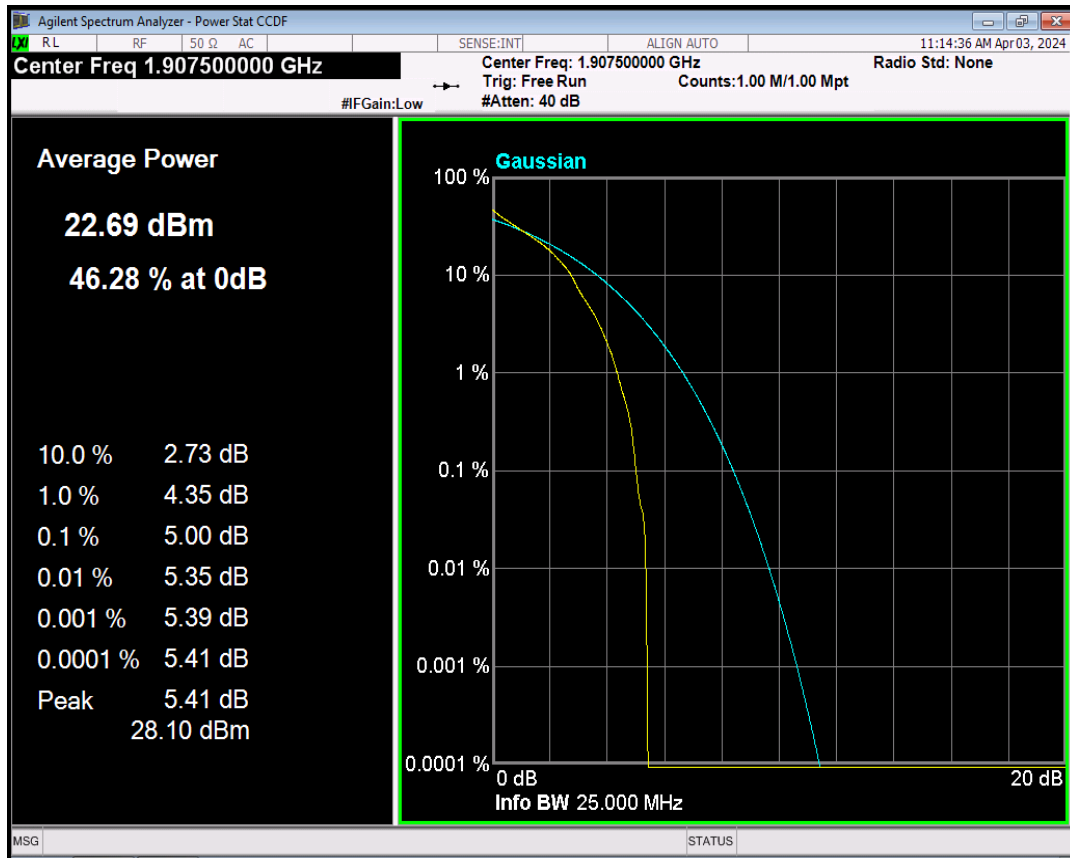


Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0

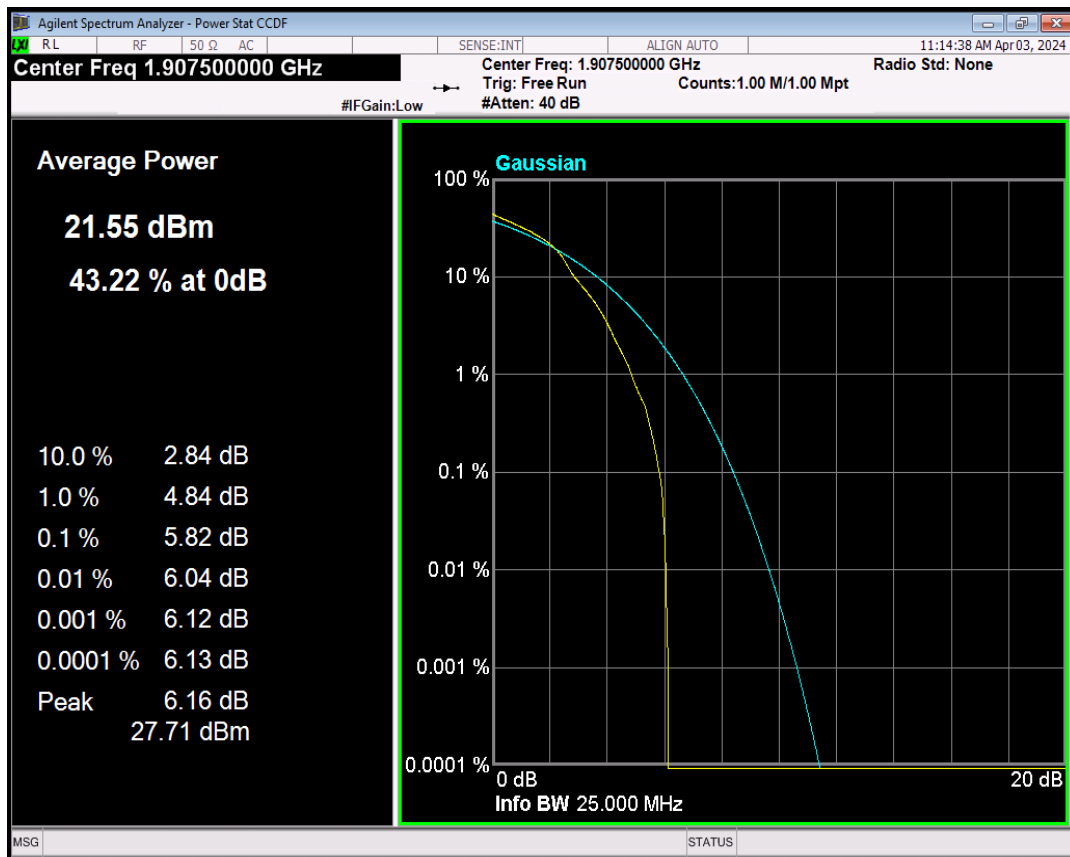


Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0

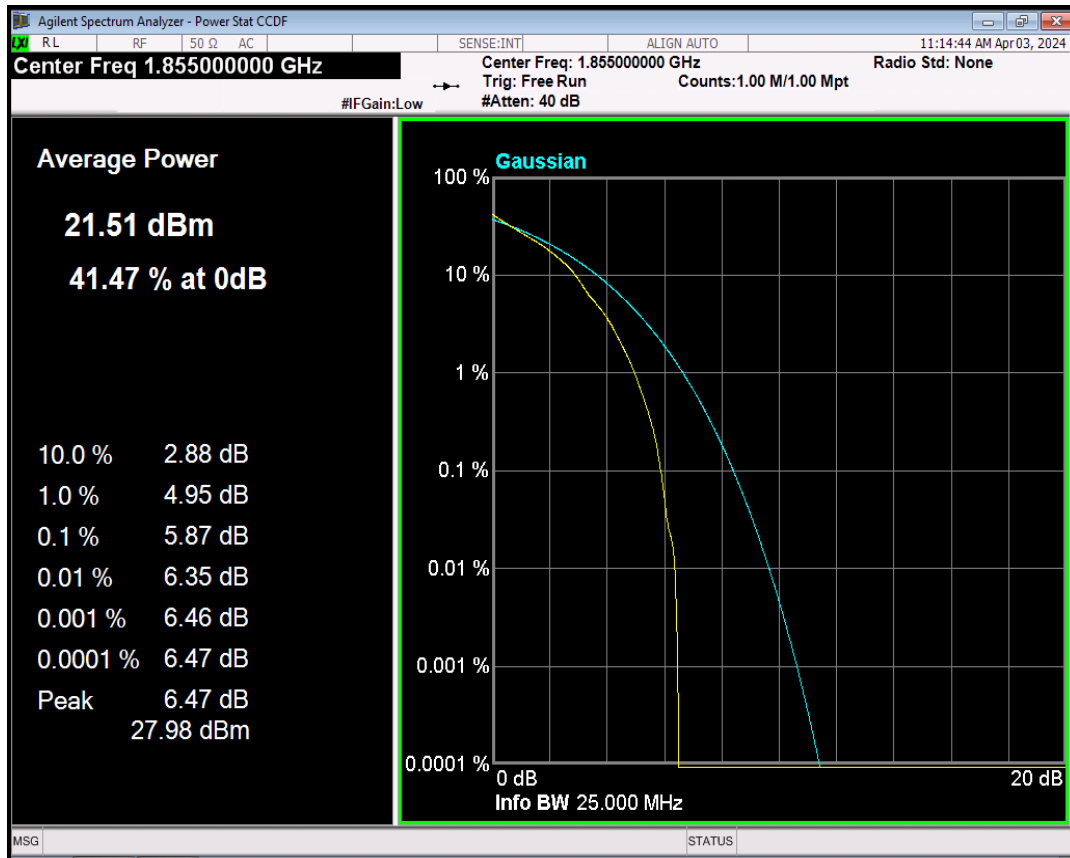




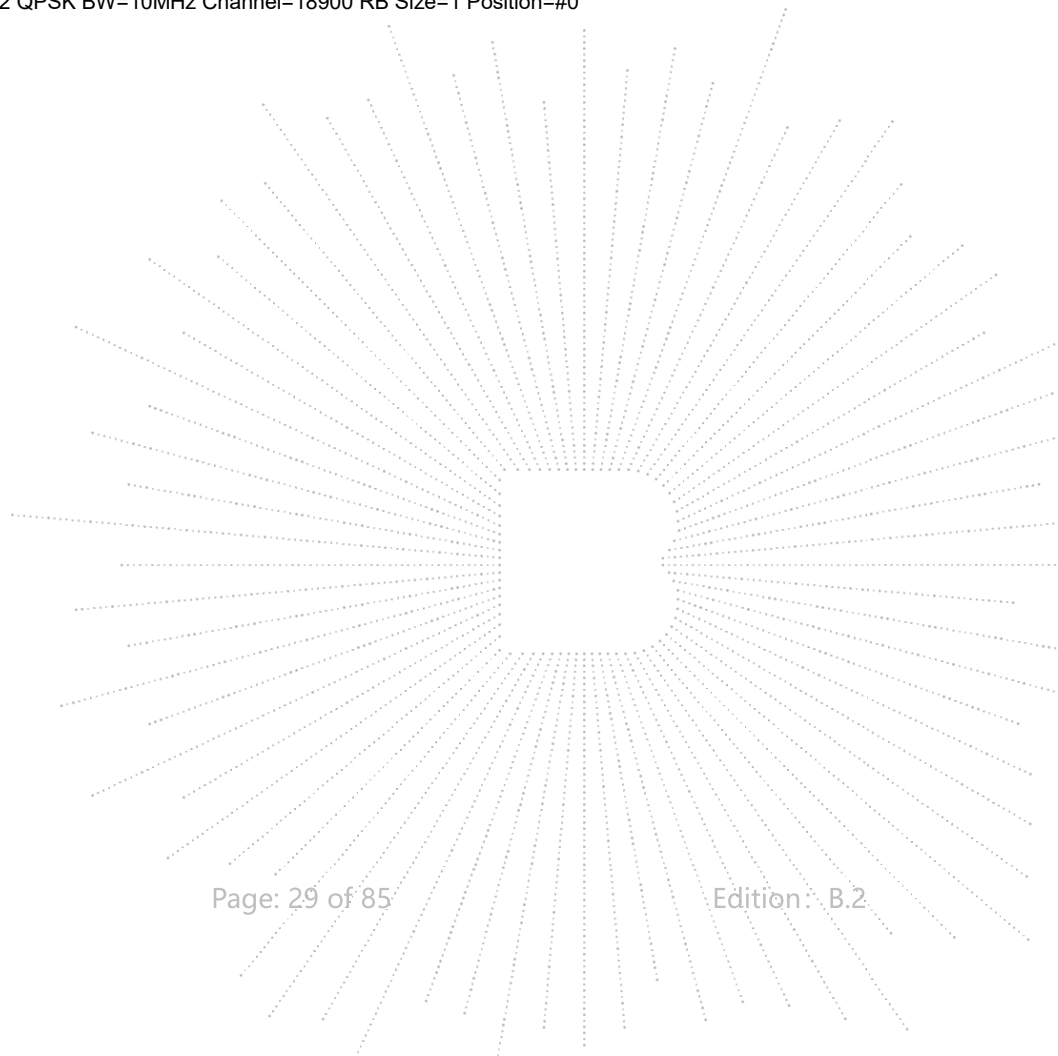
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0

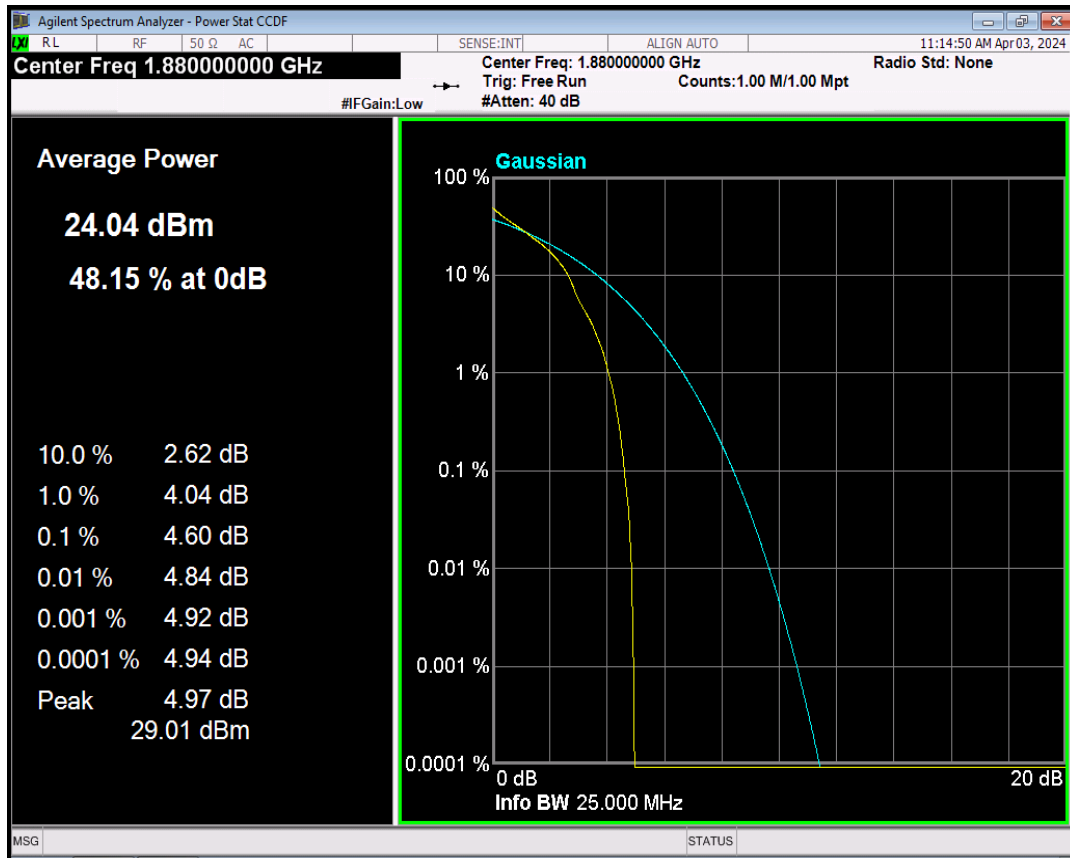


Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0

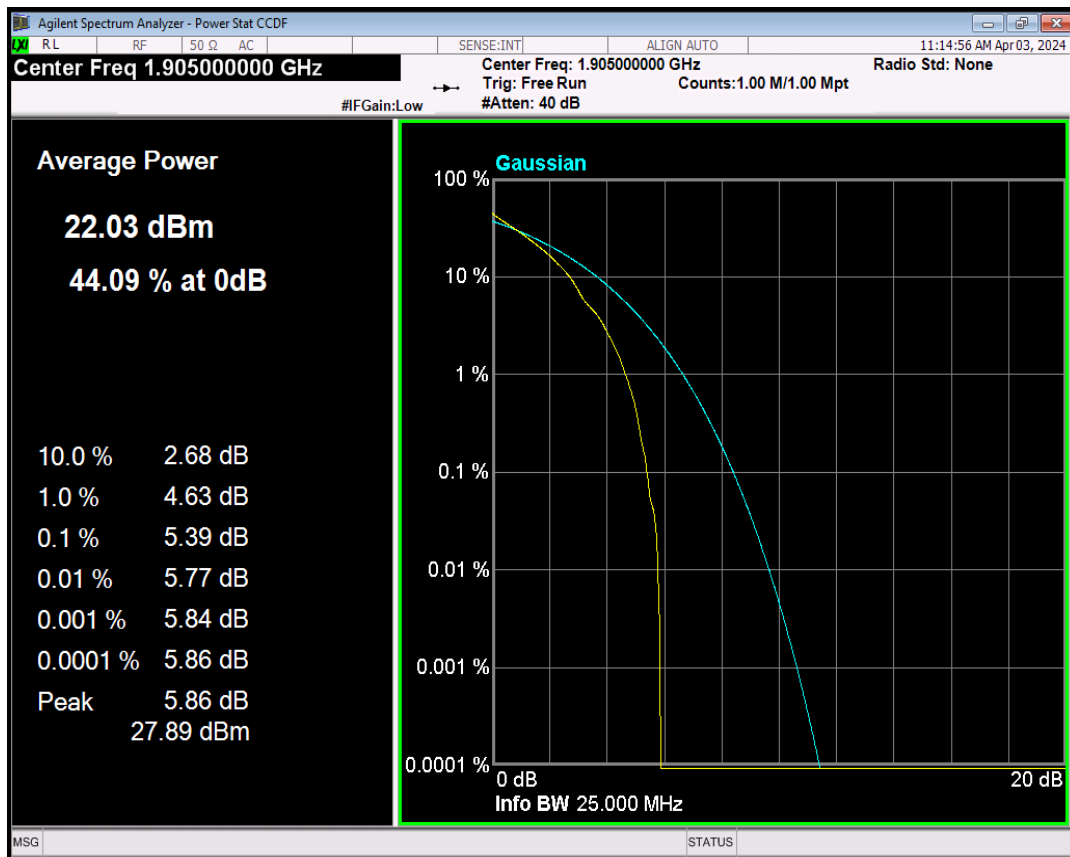


Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0

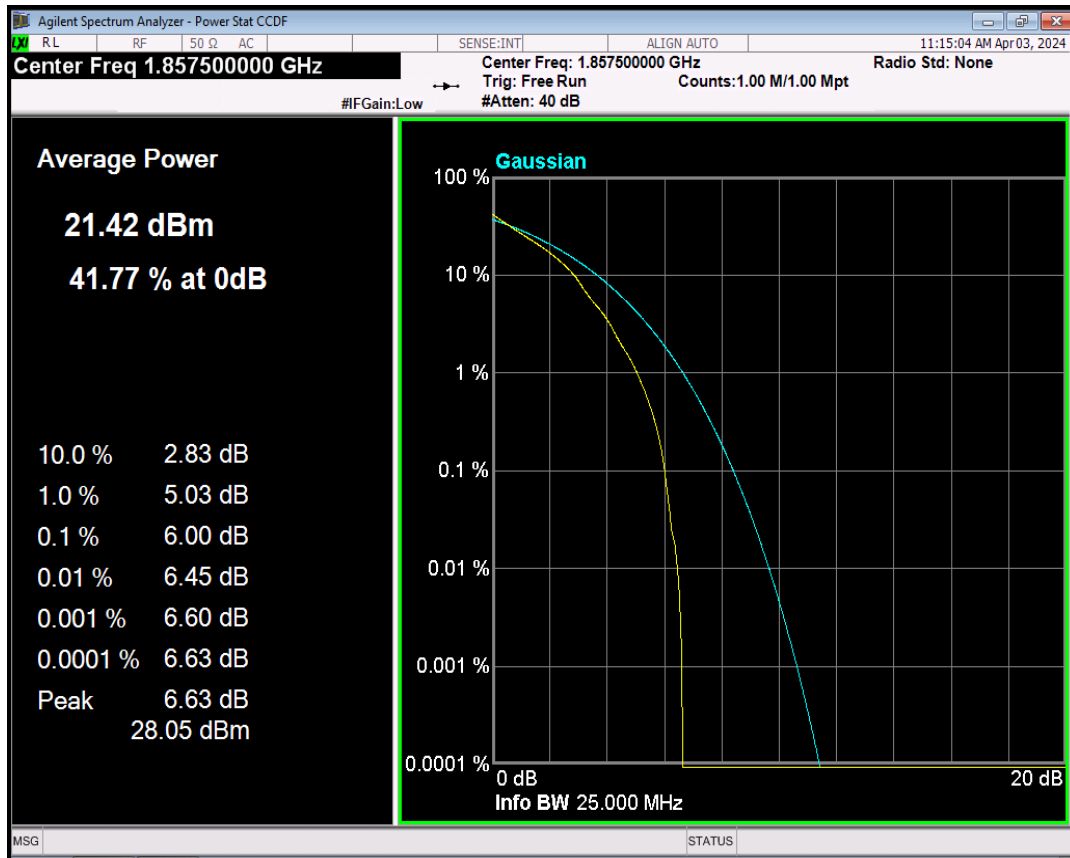




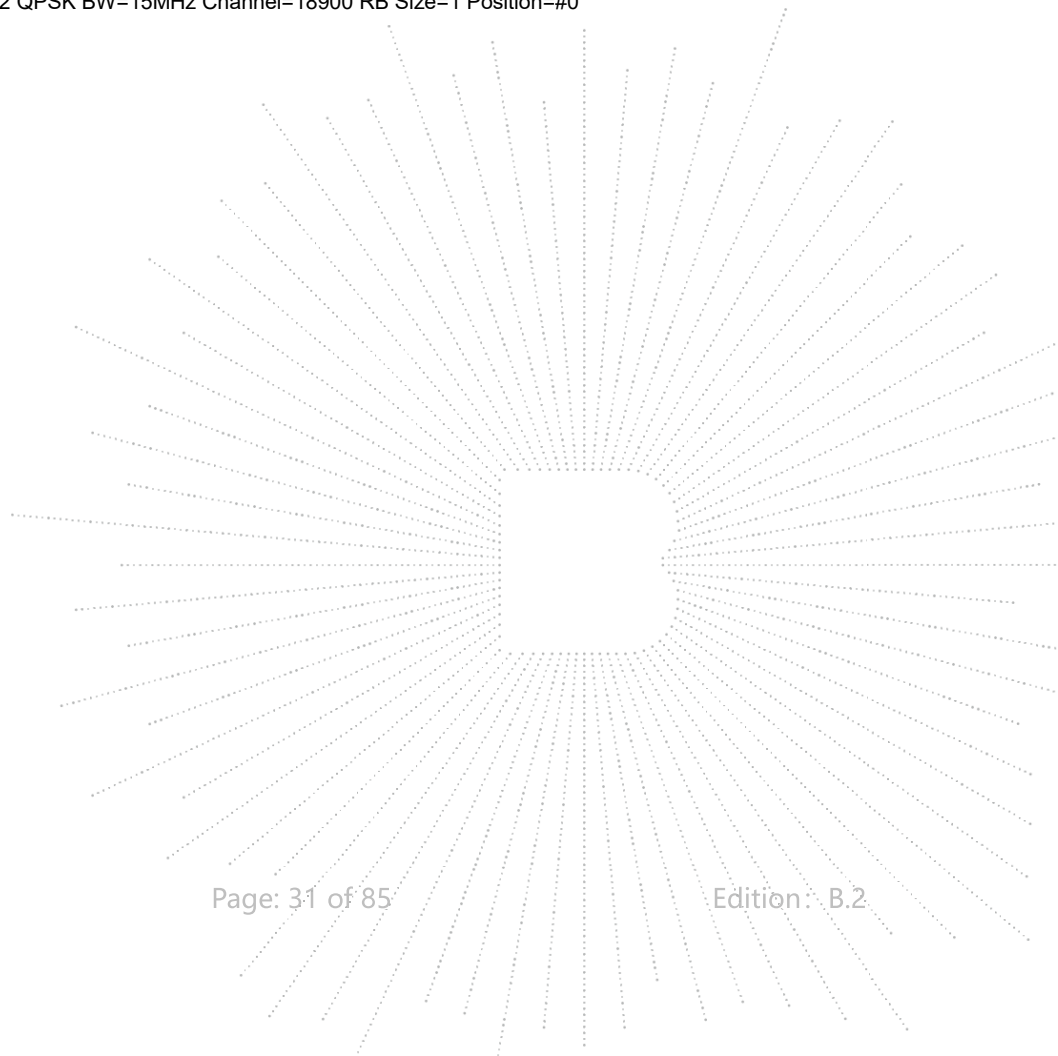
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0

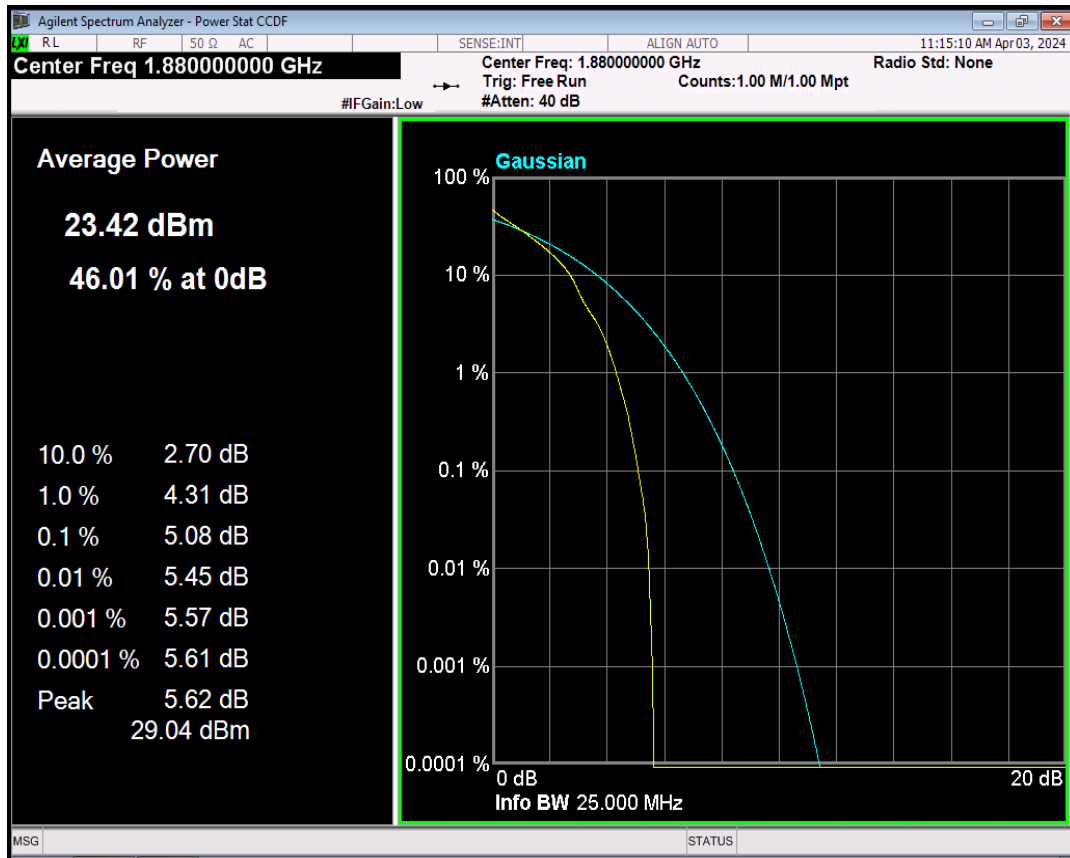


Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0

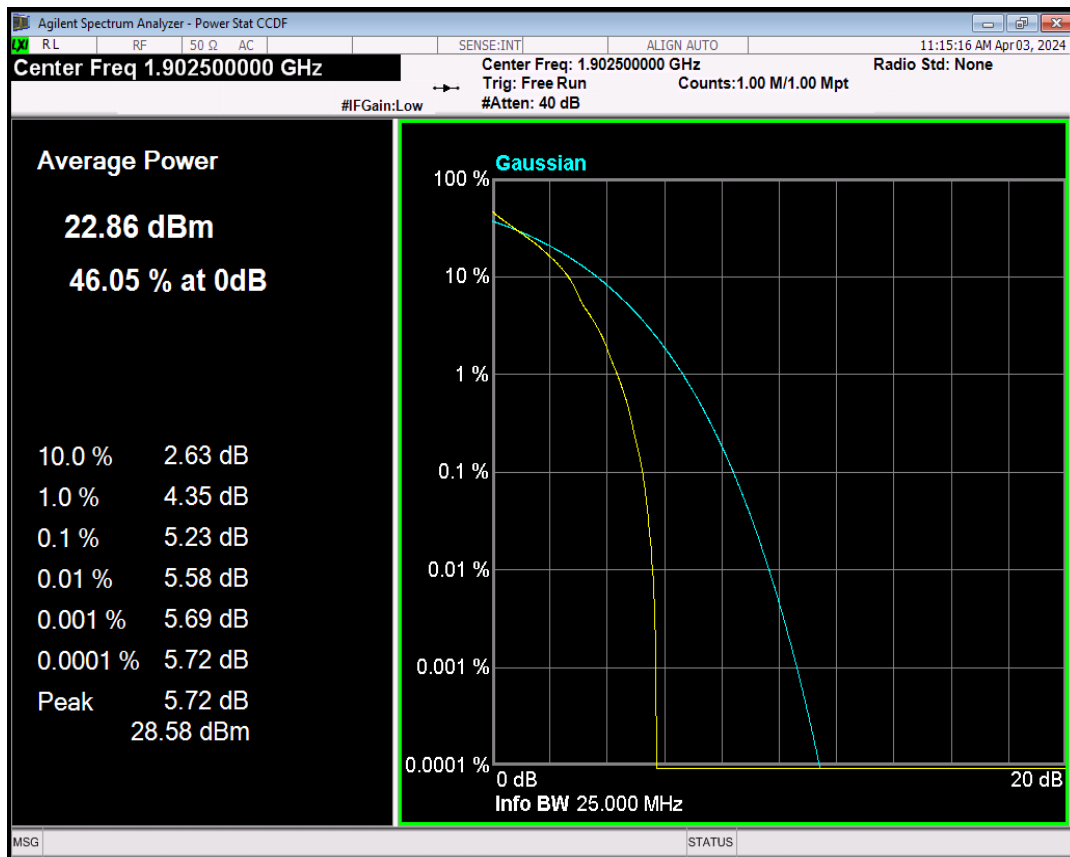


Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



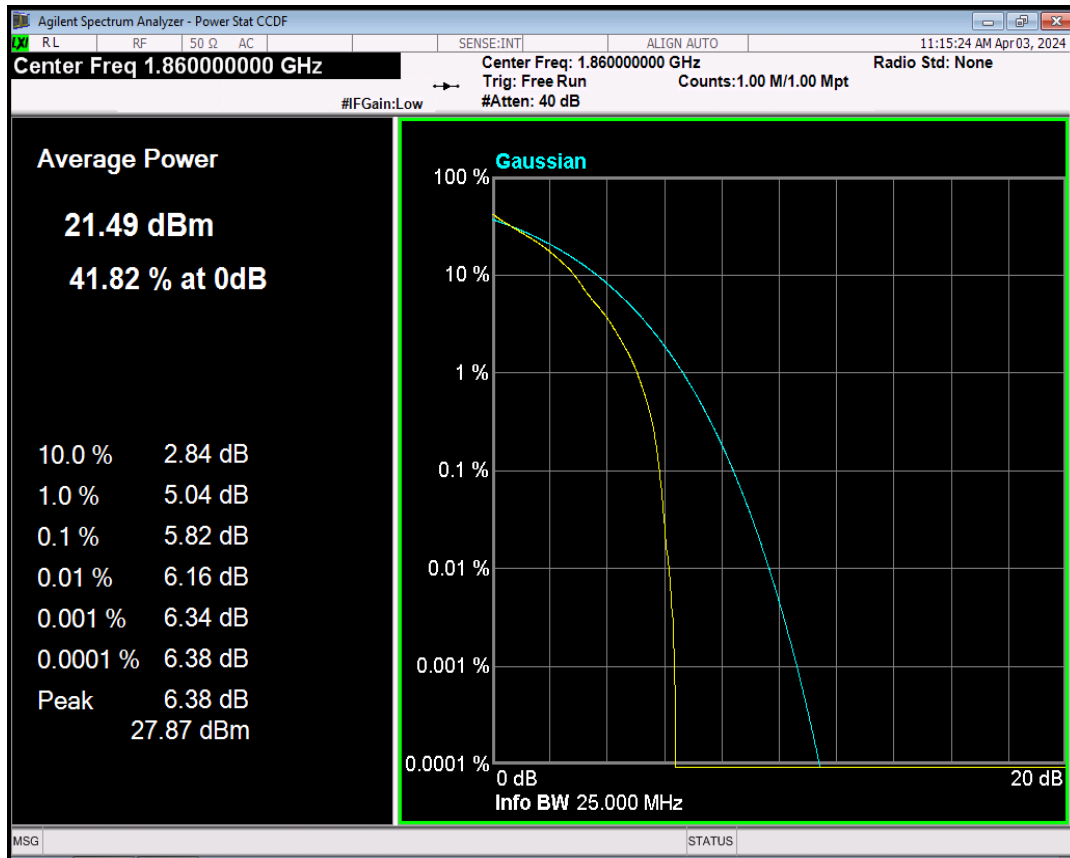


Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0

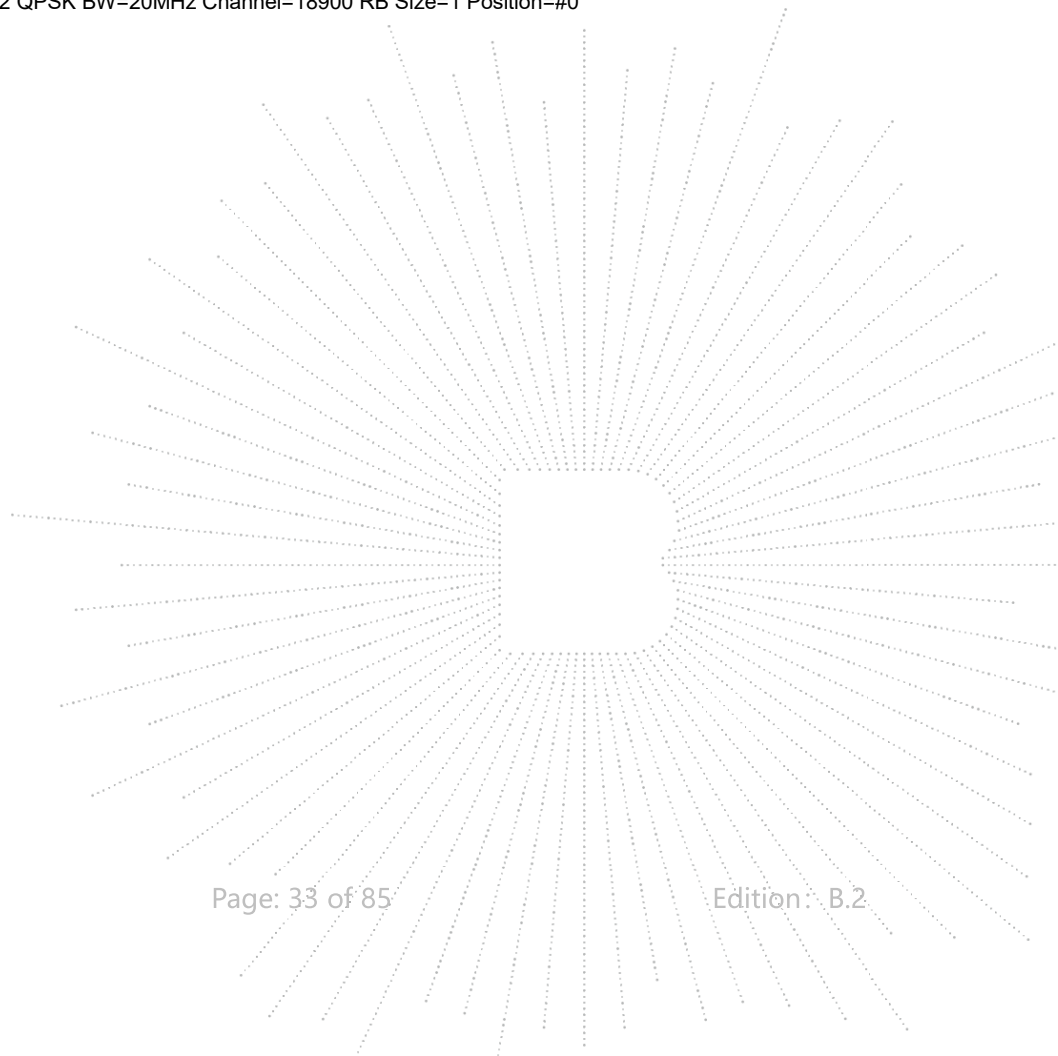


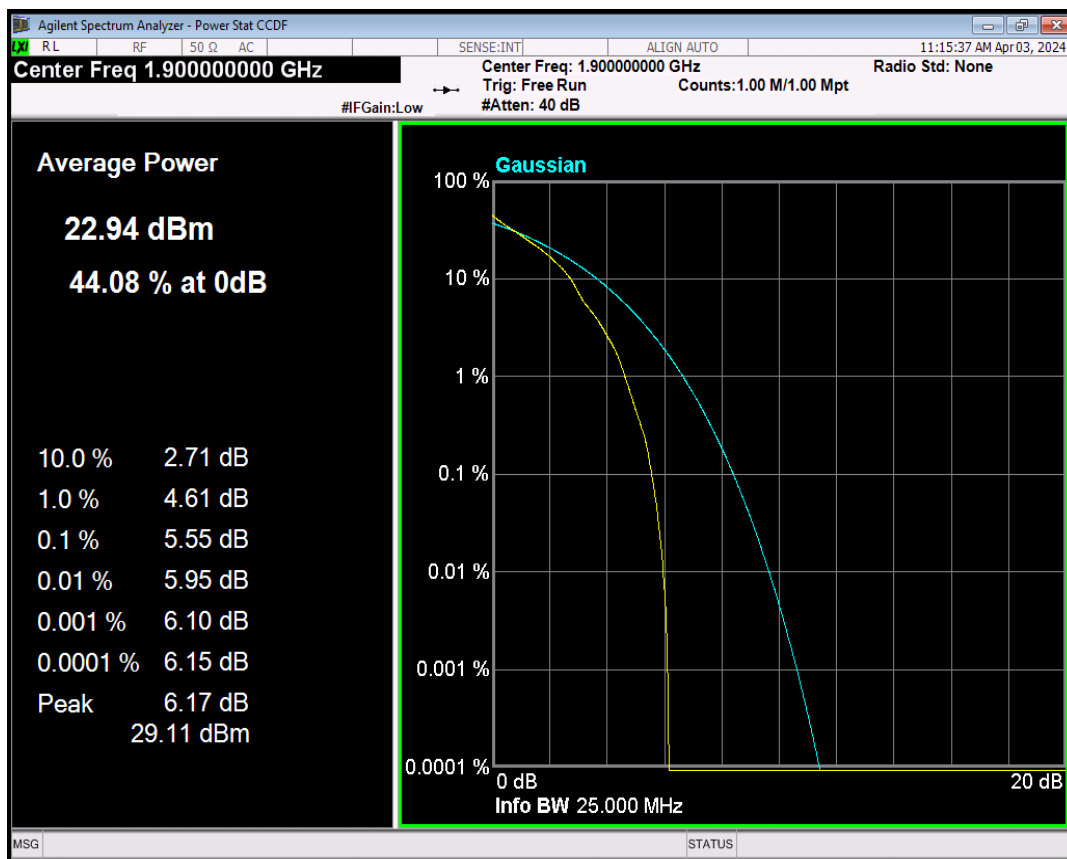


Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



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

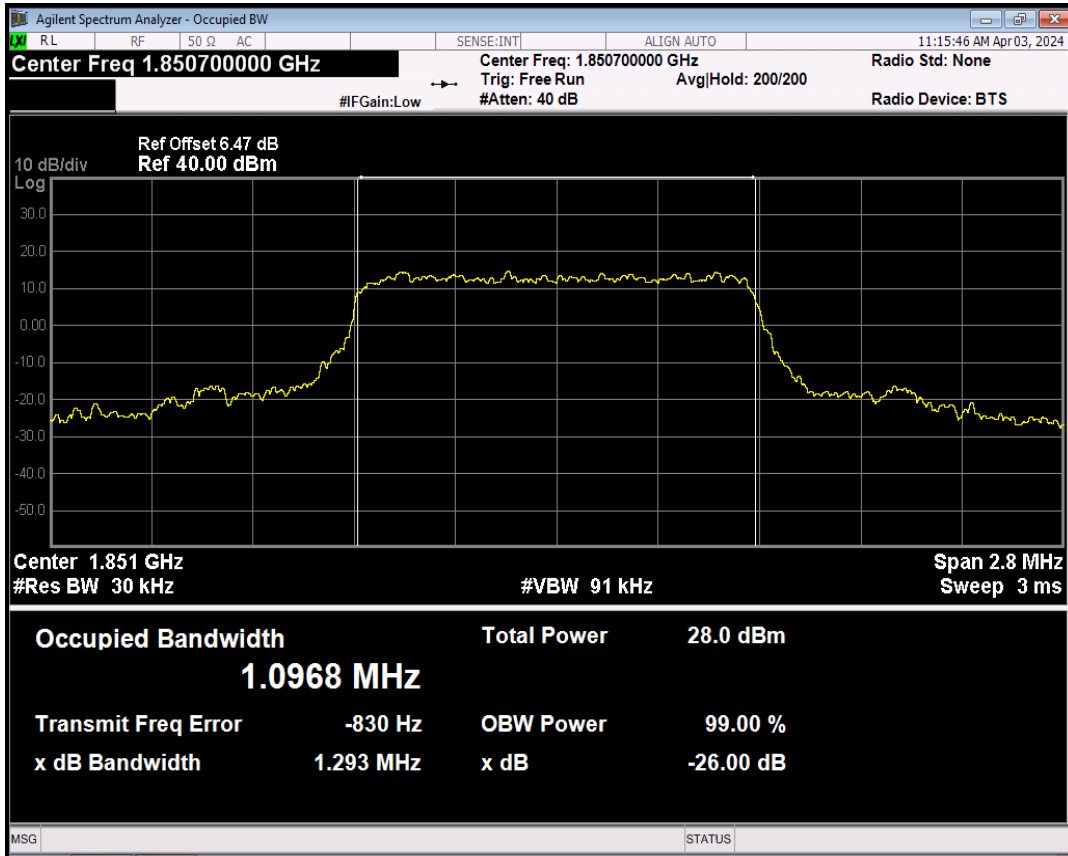




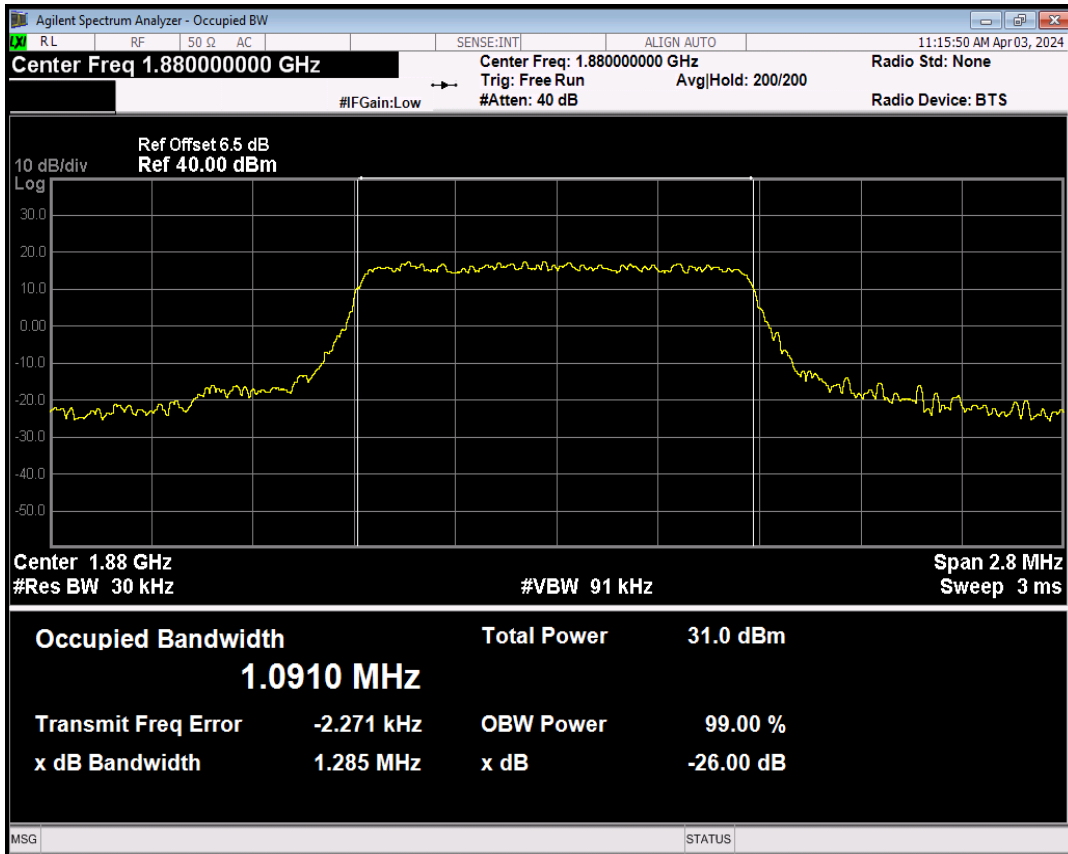
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.097	1.293	PASS
Band2	1.4	18900	6	#0	QPSK	1.091	1.285	PASS
Band2	1.4	19193	6	#0	QPSK	1.108	1.277	PASS
Band2	3	18615	15	#0	QPSK	2.701	2.944	PASS
Band2	3	18900	15	#0	QPSK	2.696	2.942	PASS
Band2	3	19185	15	#0	QPSK	2.699	2.952	PASS
Band2	5	18625	25	#0	QPSK	4.532	4.943	PASS
Band2	5	18900	25	#0	QPSK	4.502	4.921	PASS
Band2	5	19175	25	#0	QPSK	4.502	4.905	PASS
Band2	10	18650	50	#0	QPSK	8.971	9.727	PASS
Band2	10	18900	50	#0	QPSK	8.965	9.747	PASS
Band2	10	19150	50	#0	QPSK	8.944	9.749	PASS
Band2	15	18675	75	#0	QPSK	13.447	14.493	PASS
Band2	15	18900	75	#0	QPSK	13.384	14.205	PASS
Band2	15	19125	75	#0	QPSK	13.444	14.428	PASS
Band2	20	18700	100	#0	QPSK	17.878	19.052	PASS
Band2	20	18900	100	#0	QPSK	17.913	19.047	PASS
Band2	20	19100	100	#0	QPSK	17.939	19.135	PASS
Band2	1.4	18607	6	#0	16QAM	1.093	1.270	PASS
Band2	1.4	18900	6	#0	16QAM	1.095	1.257	PASS
Band2	1.4	19193	6	#0	16QAM	1.092	1.277	PASS
Band2	3	18615	15	#0	16QAM	2.699	2.950	PASS
Band2	3	18900	15	#0	16QAM	2.700	2.935	PASS
Band2	3	19185	15	#0	16QAM	2.694	2.971	PASS
Band2	5	18625	25	#0	16QAM	4.498	4.908	PASS
Band2	5	18900	25	#0	16QAM	4.501	4.877	PASS
Band2	5	19175	25	#0	16QAM	4.498	4.974	PASS

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

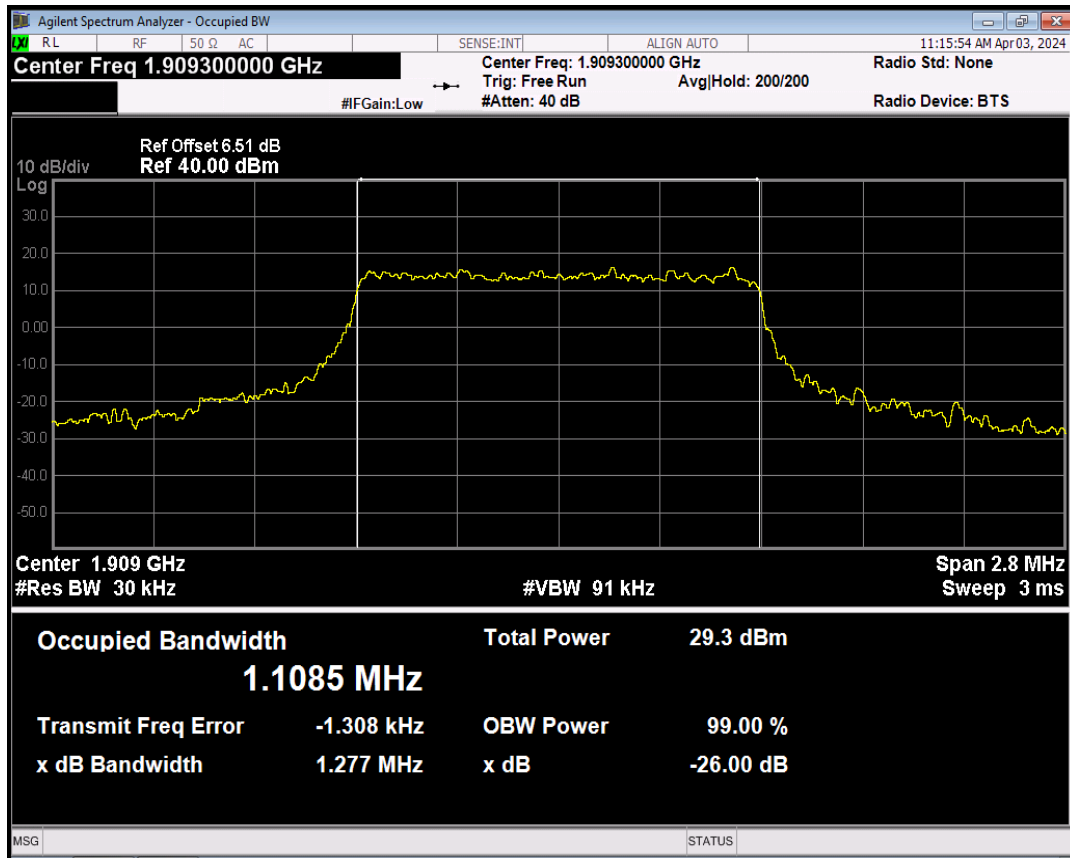


Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0

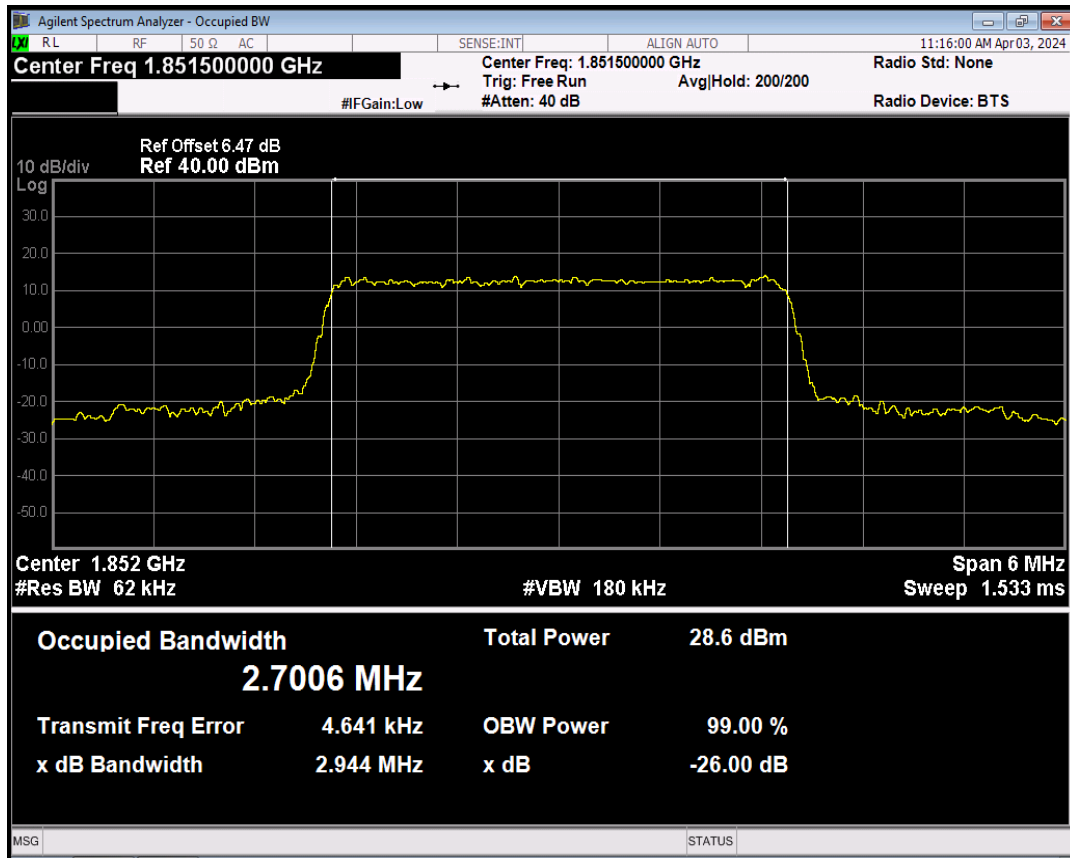




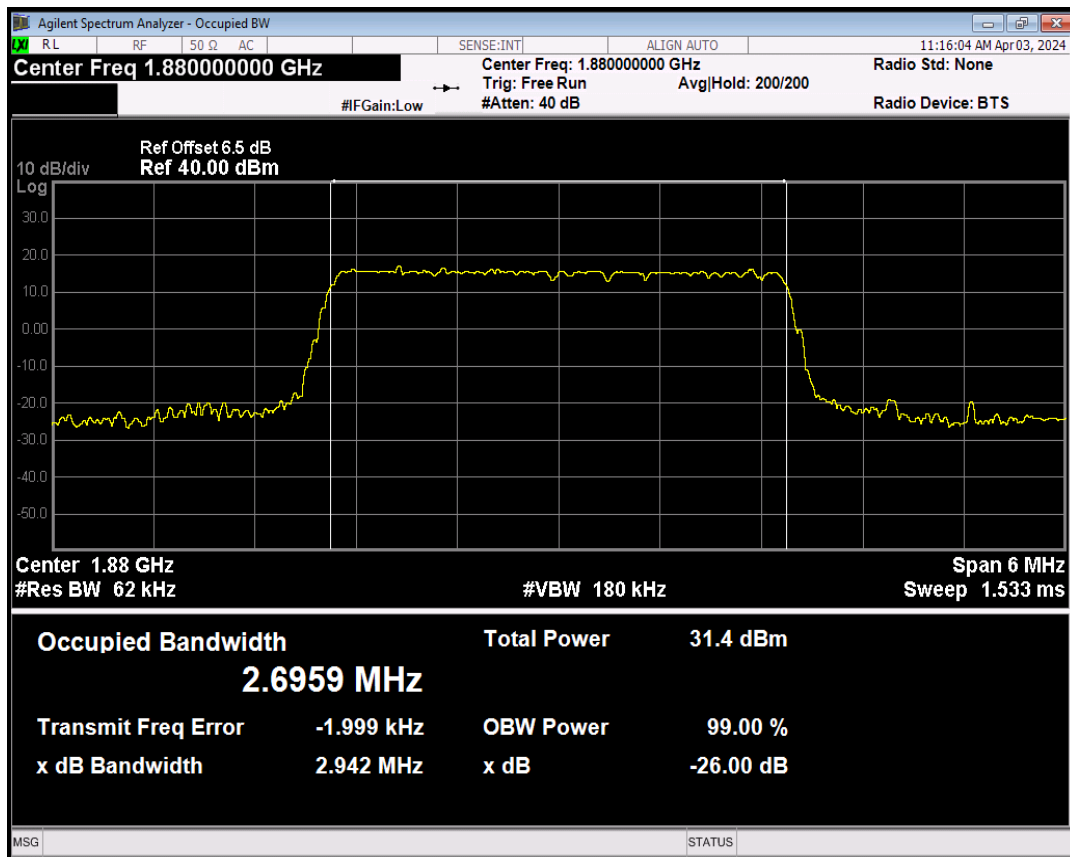
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



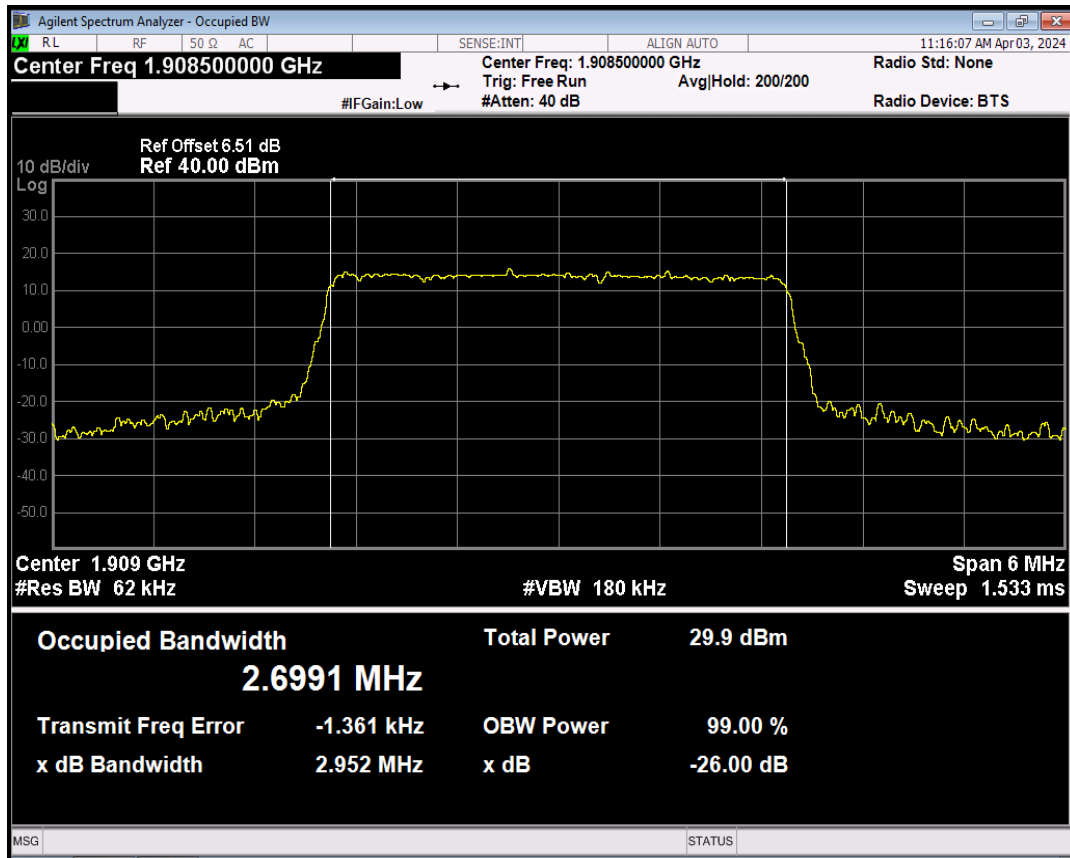
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



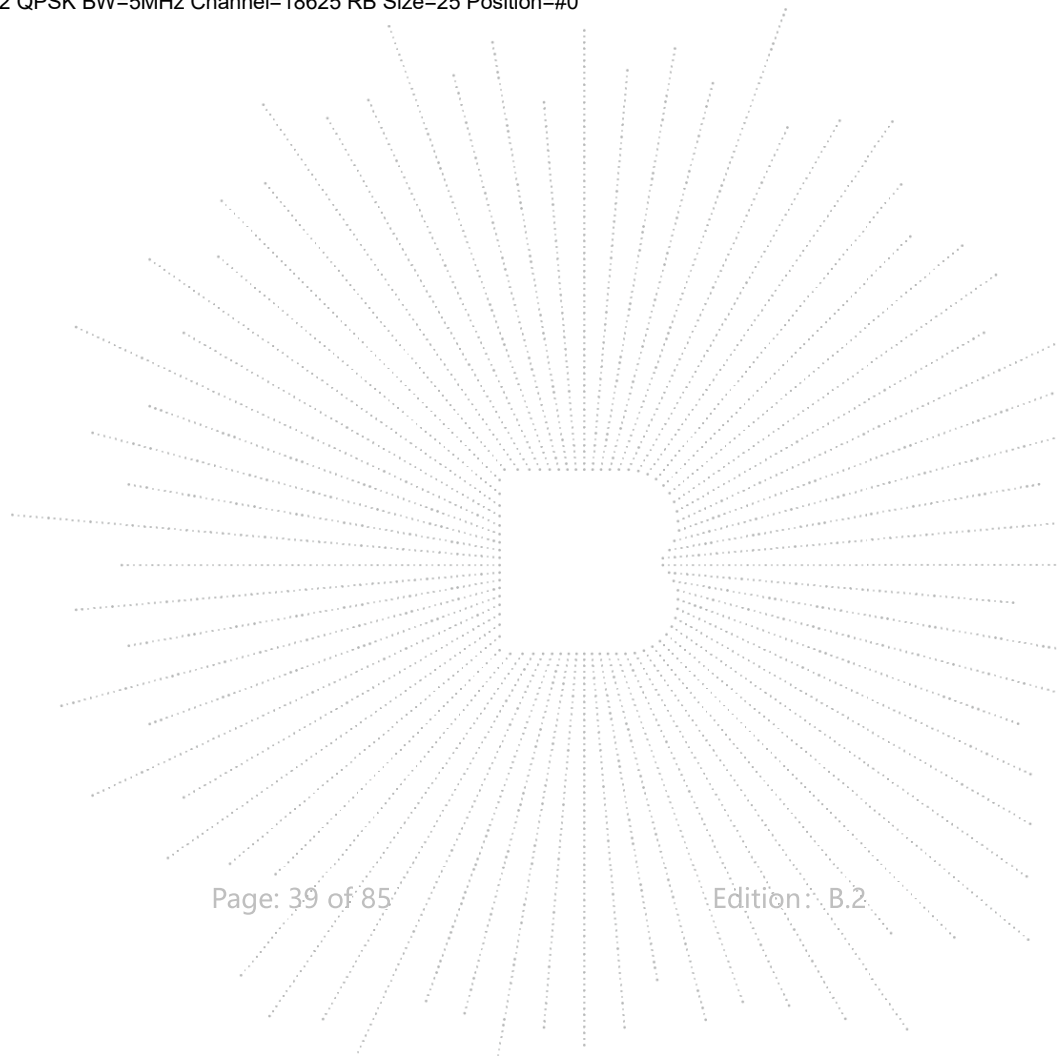
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0

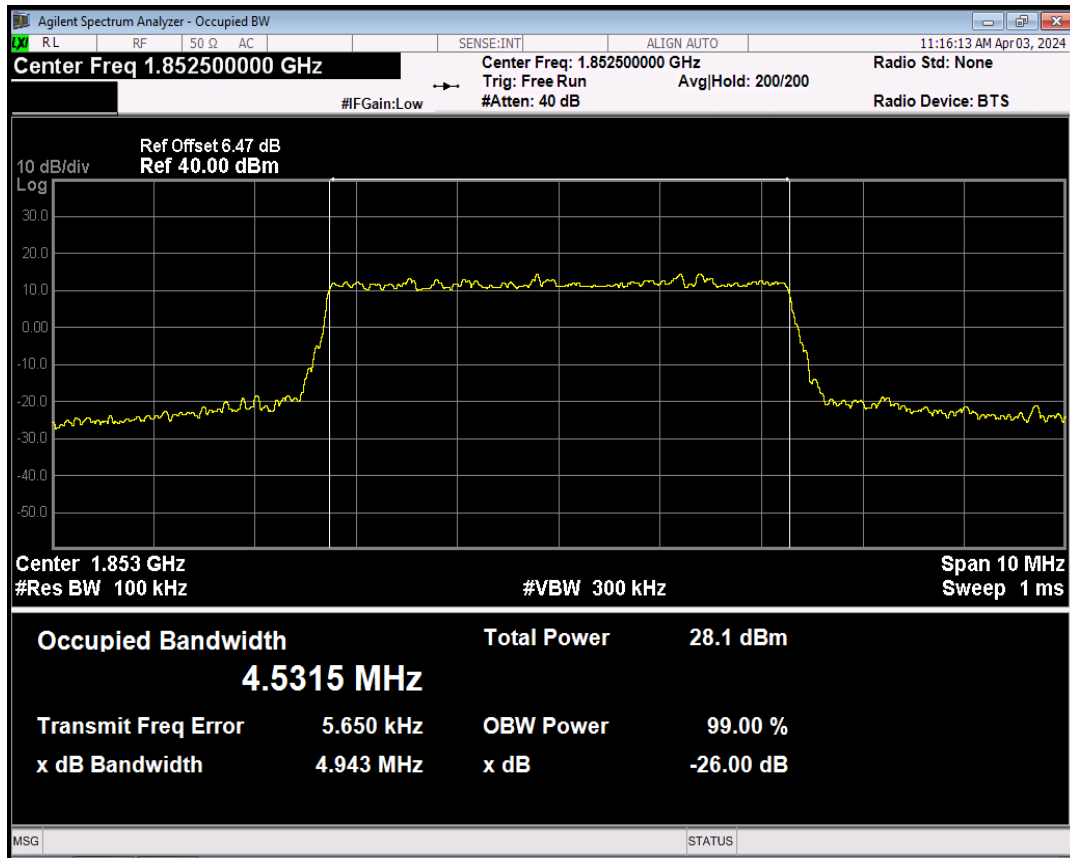


Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0

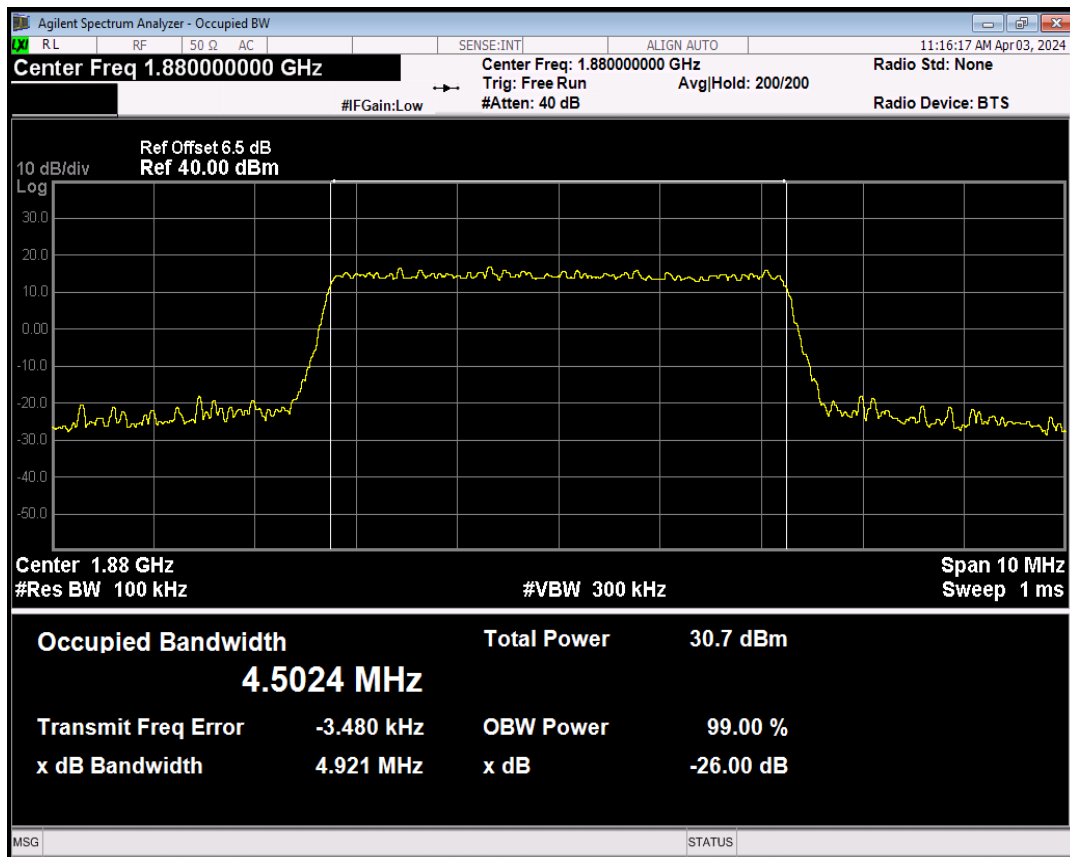


Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



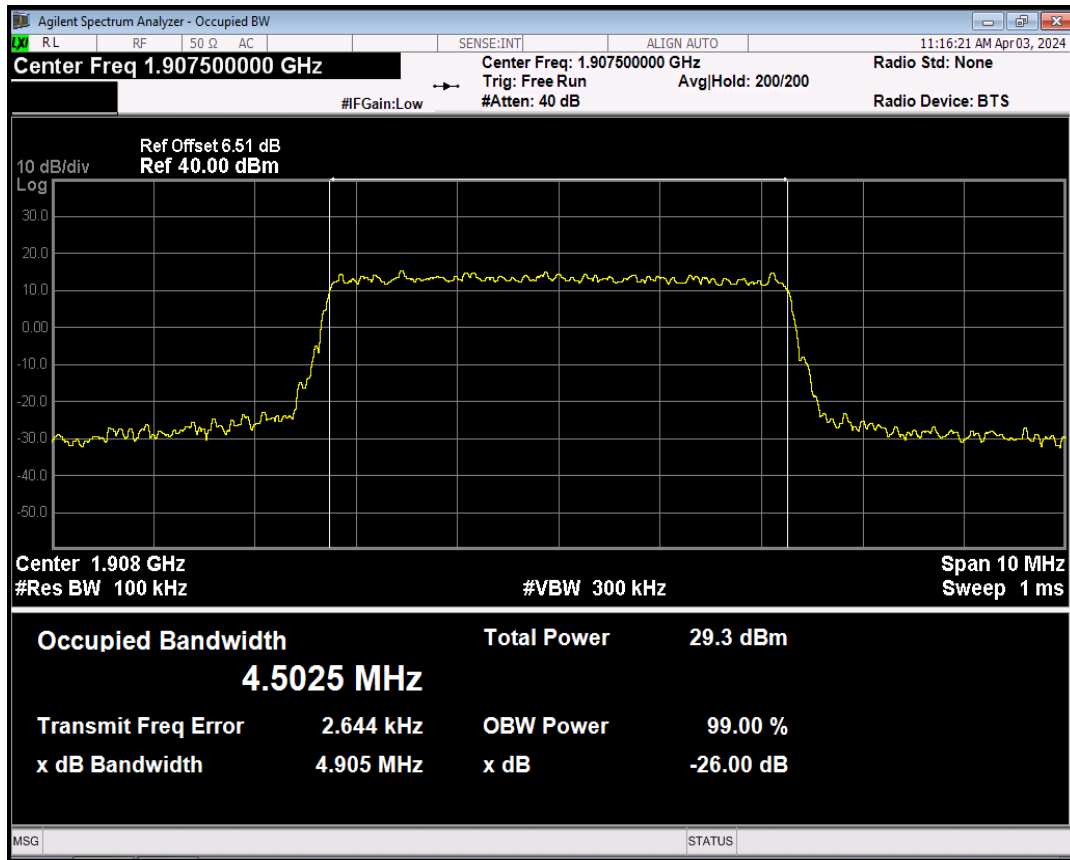


Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0

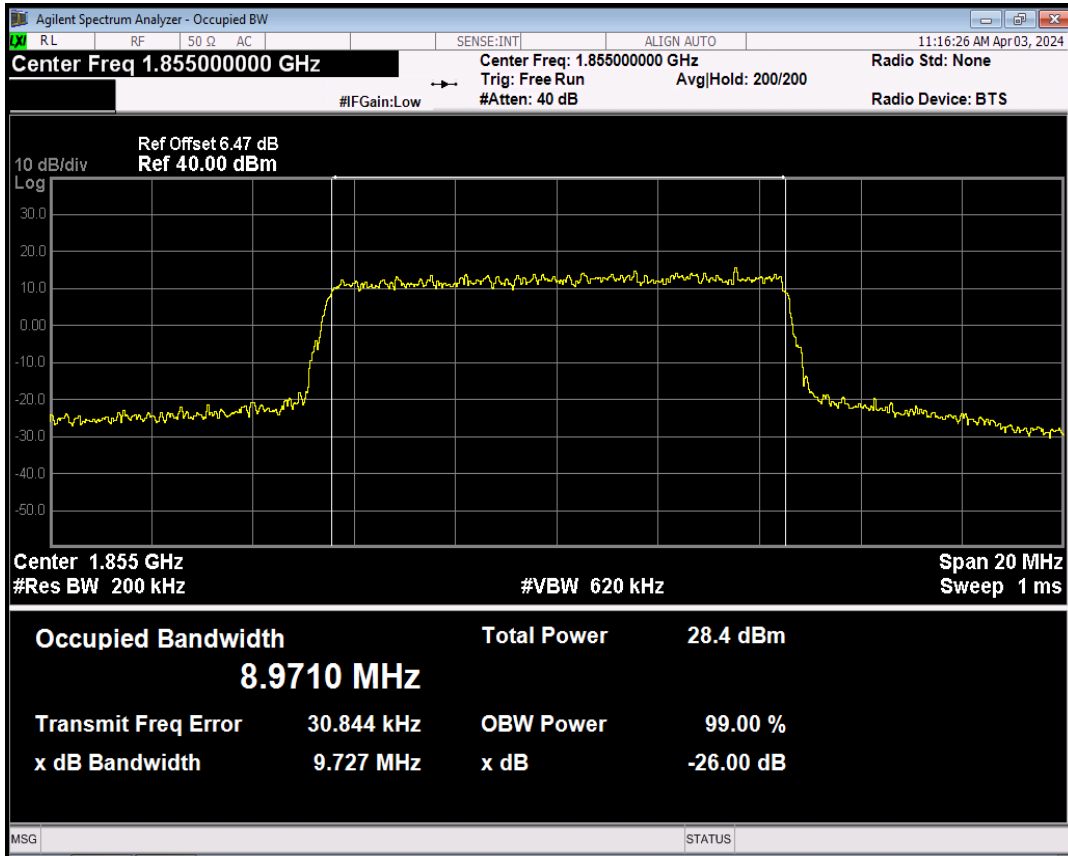




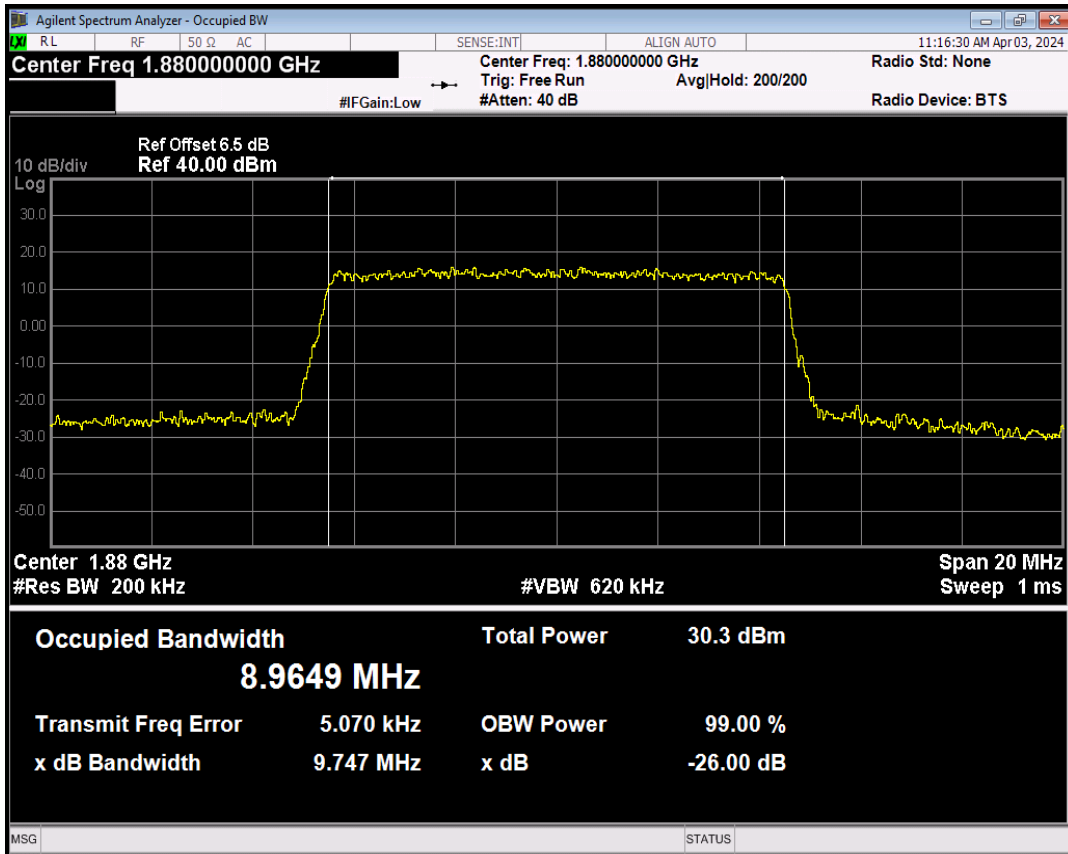
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



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

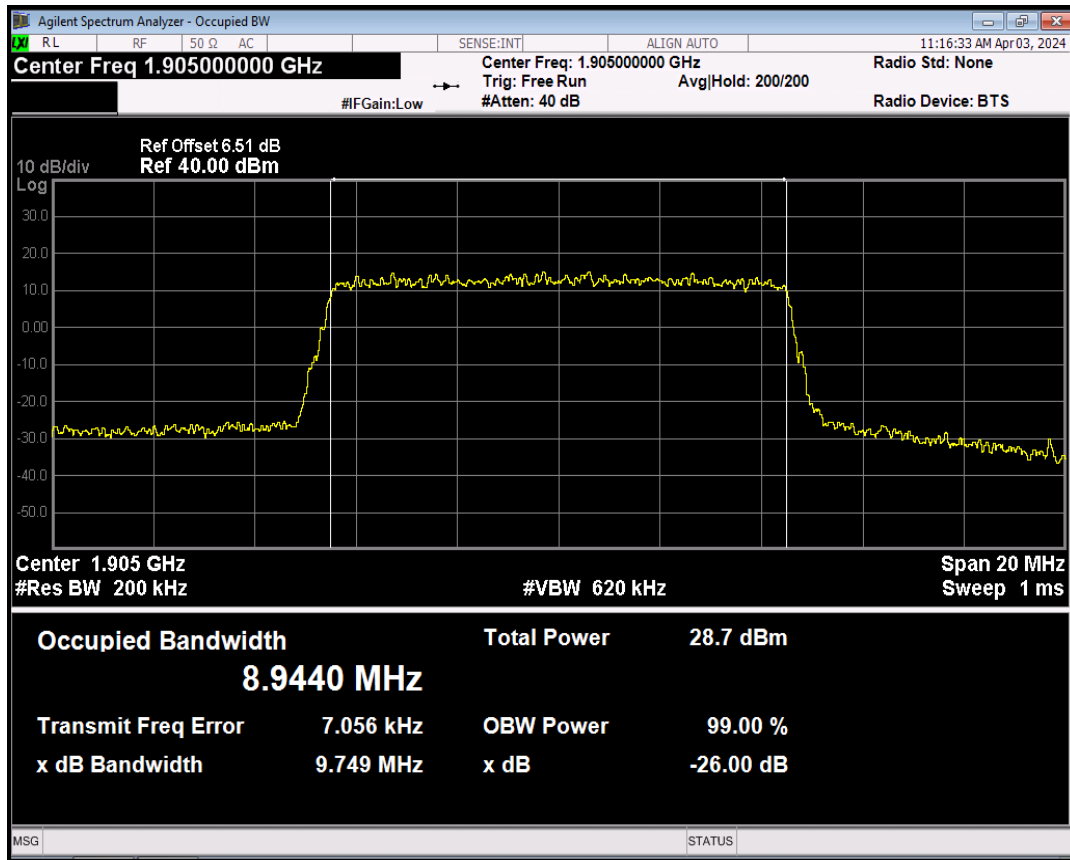


Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0

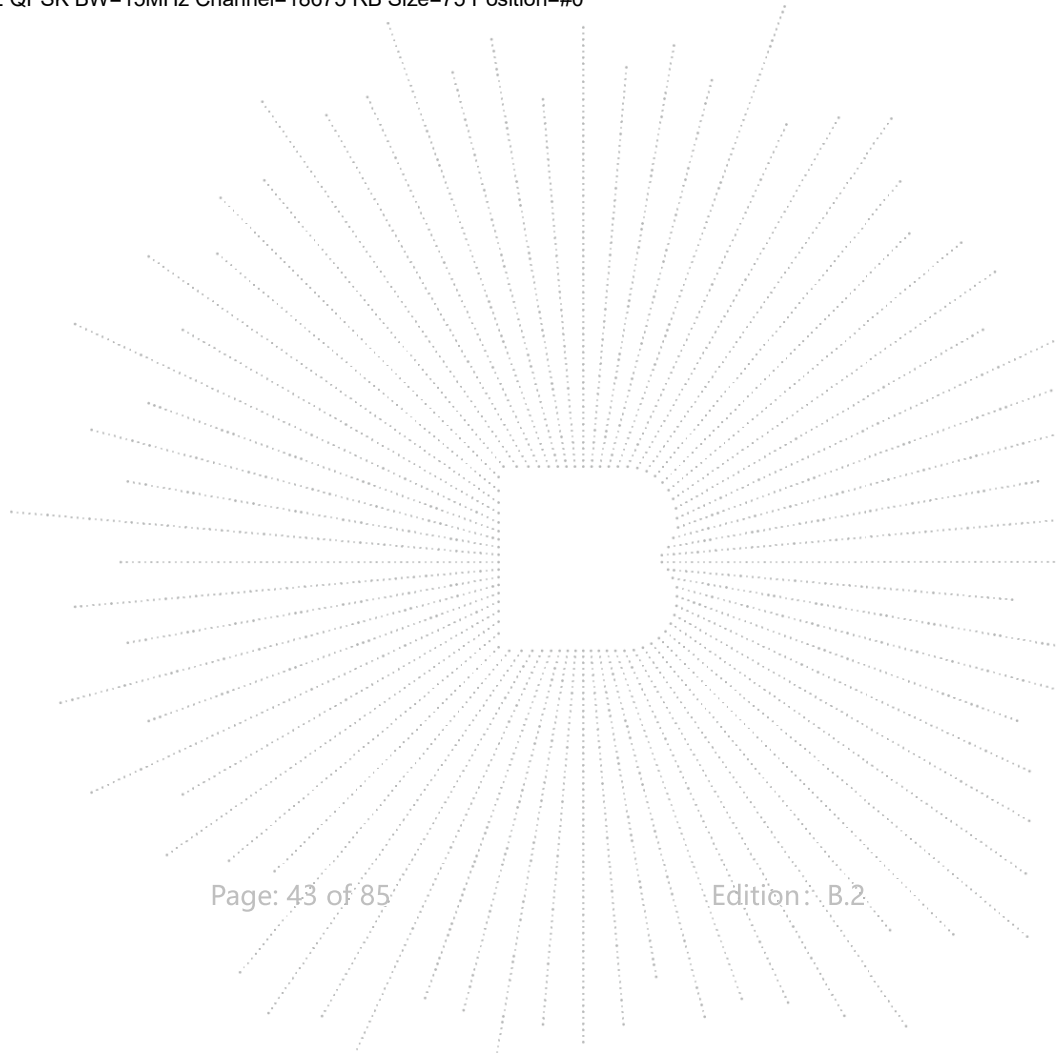


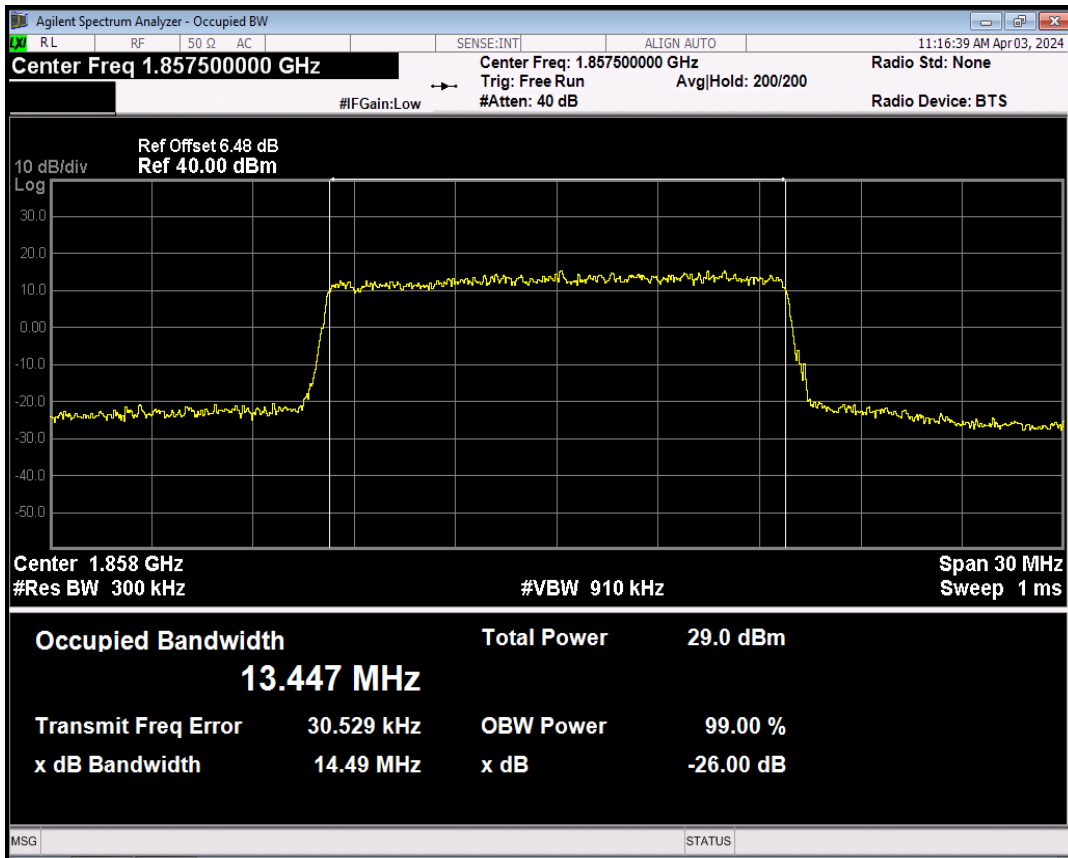


Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0

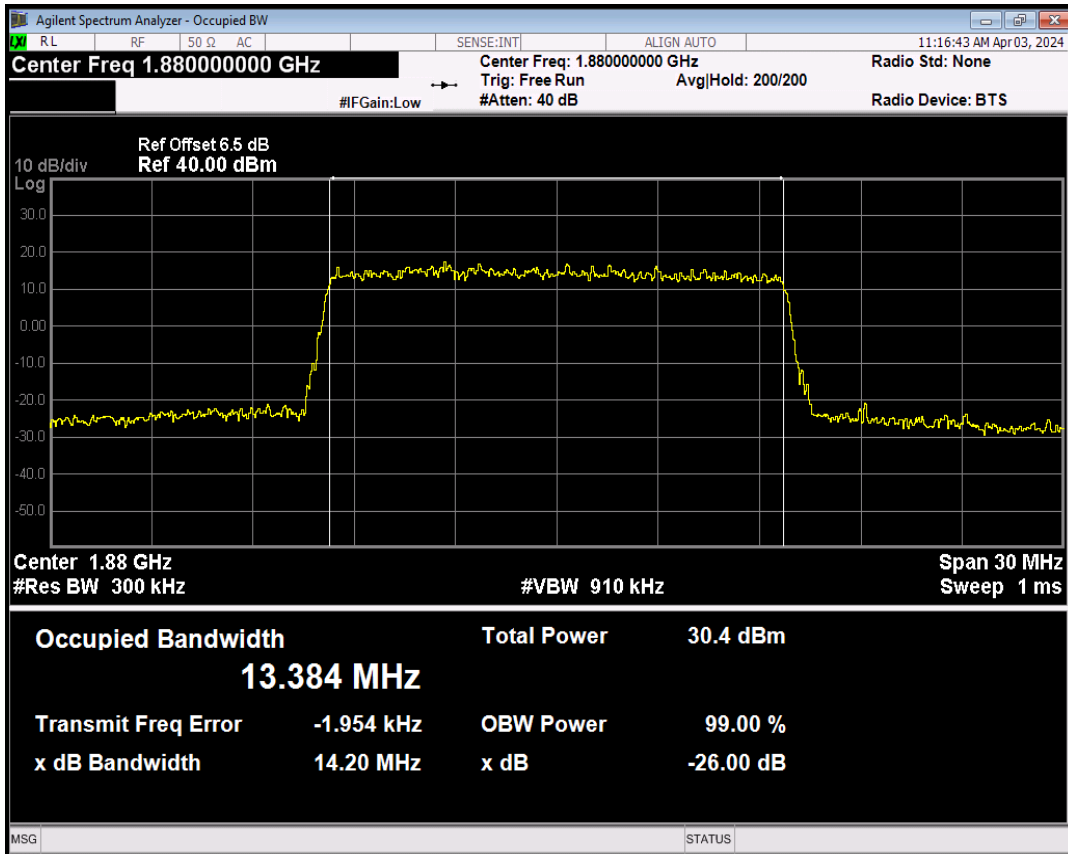


Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0

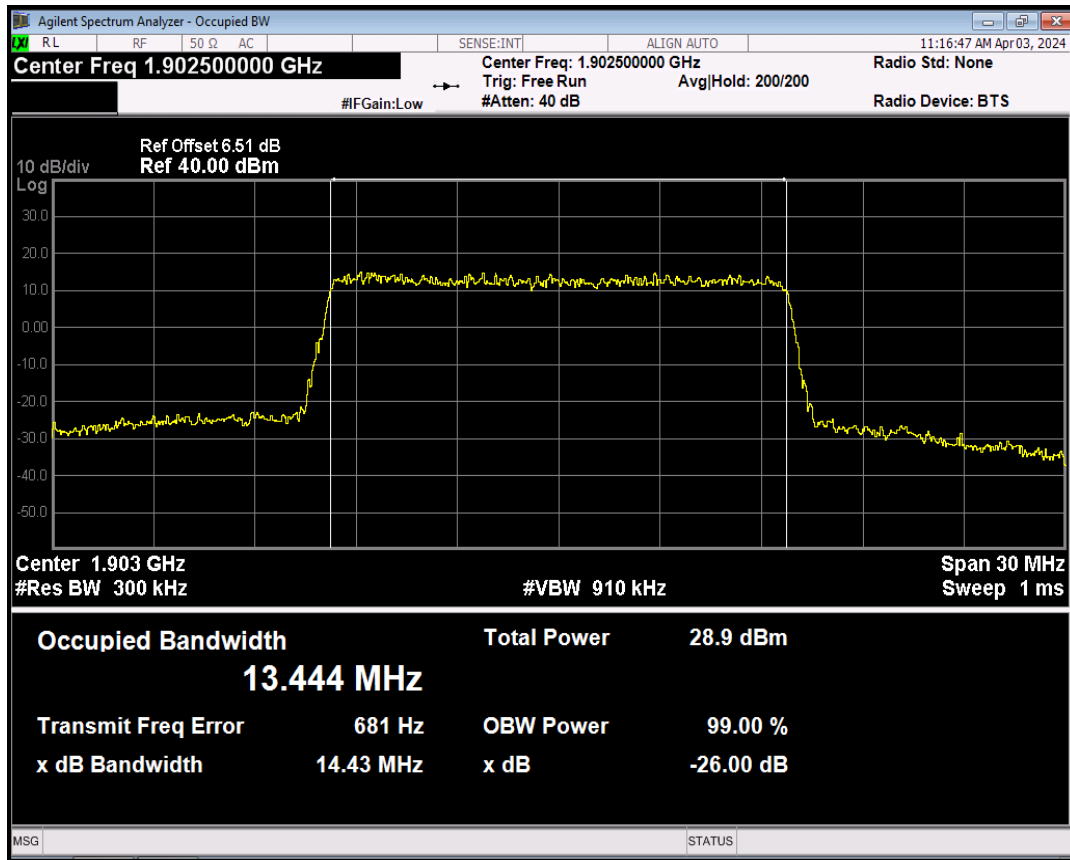




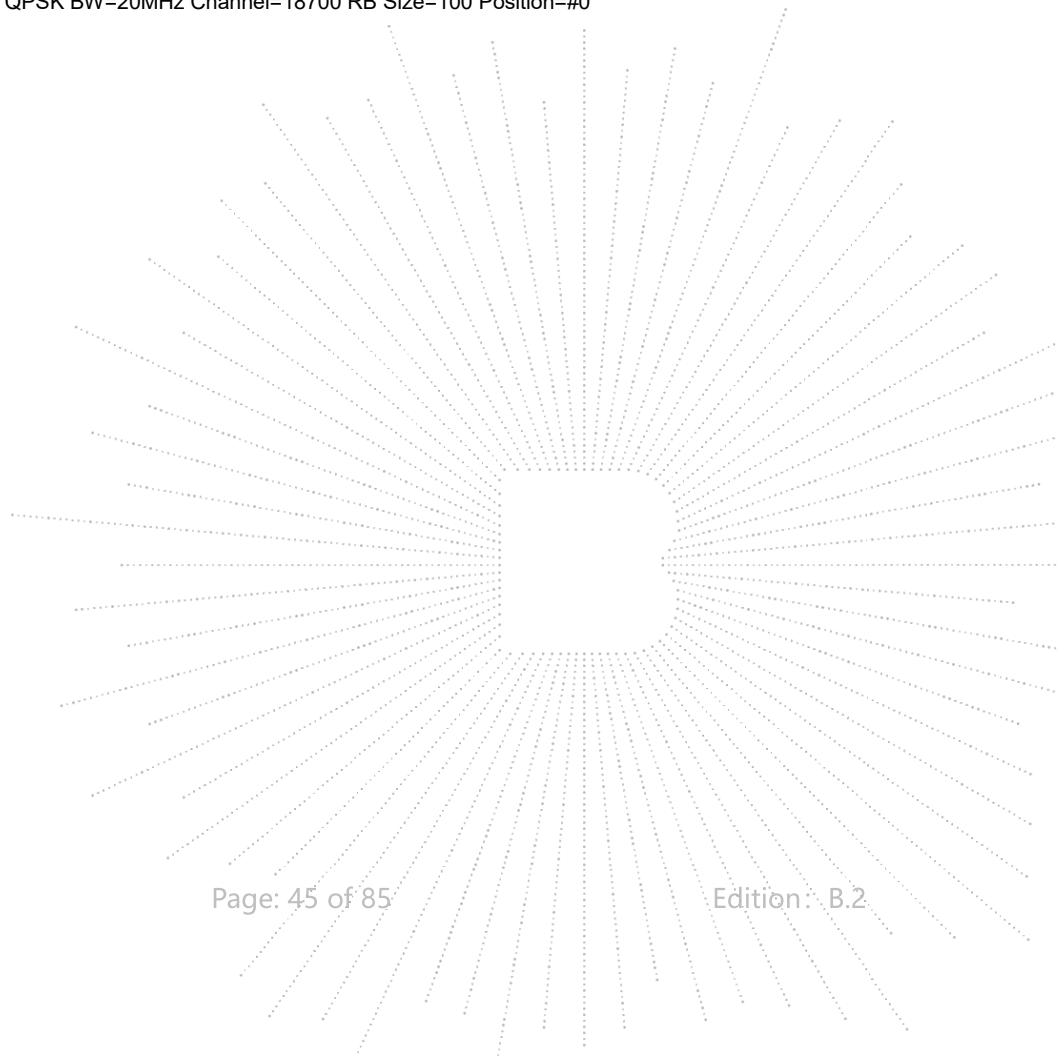
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0

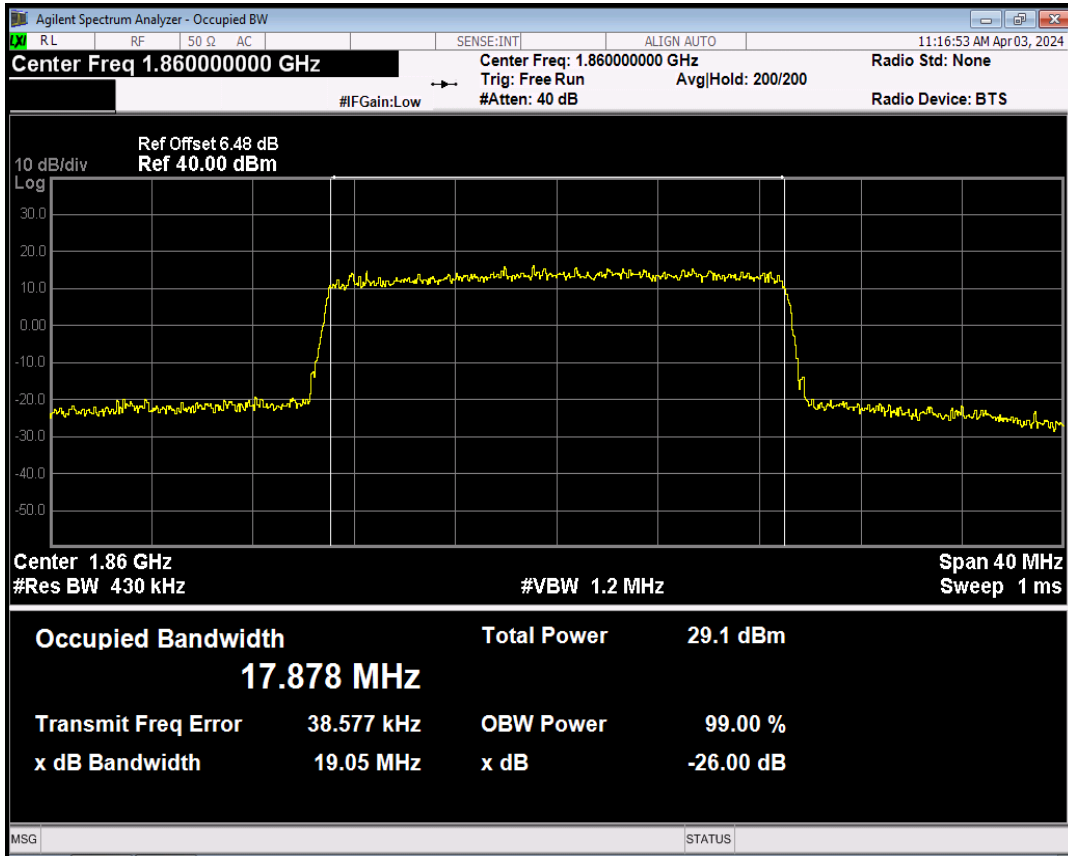


Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0

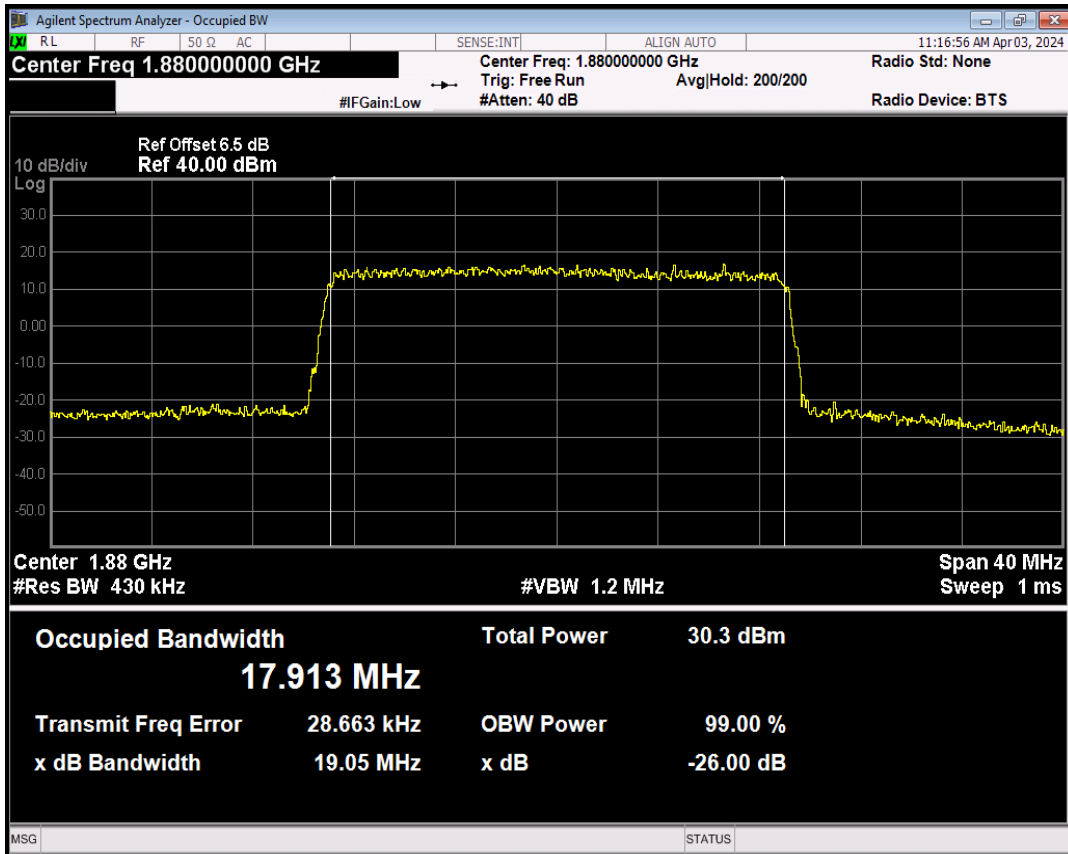


Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0

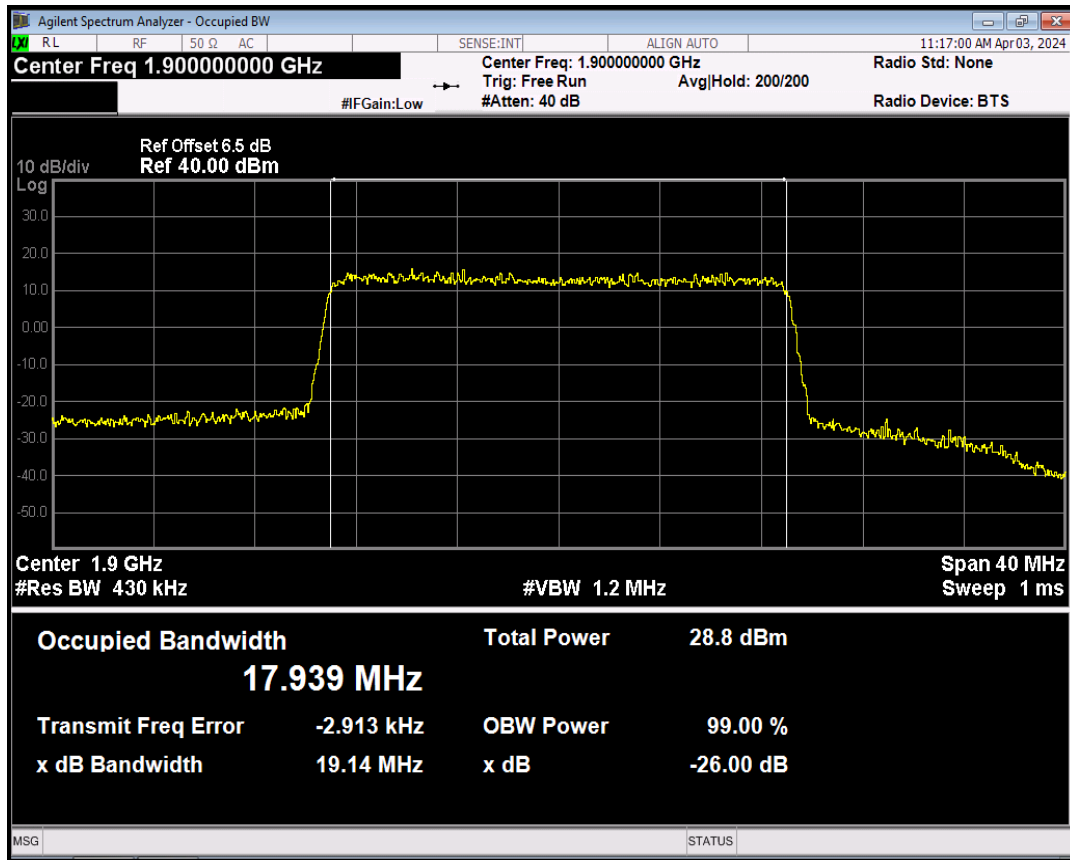




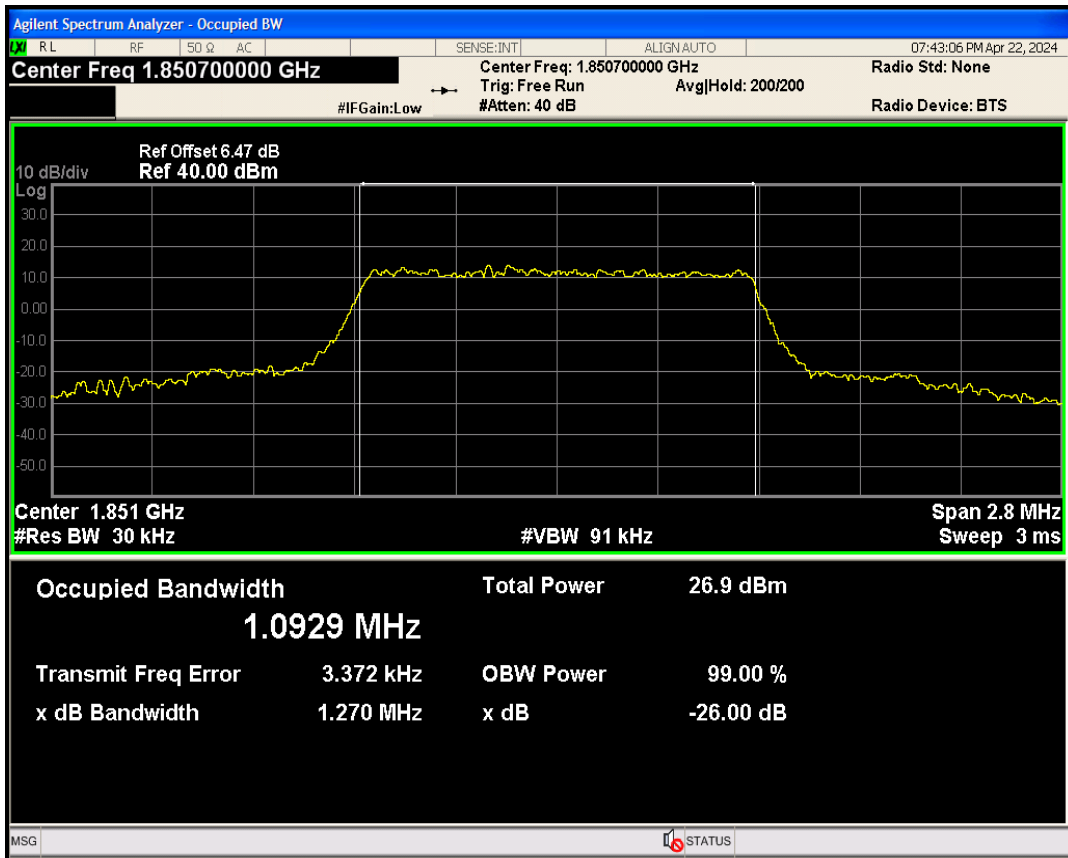
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



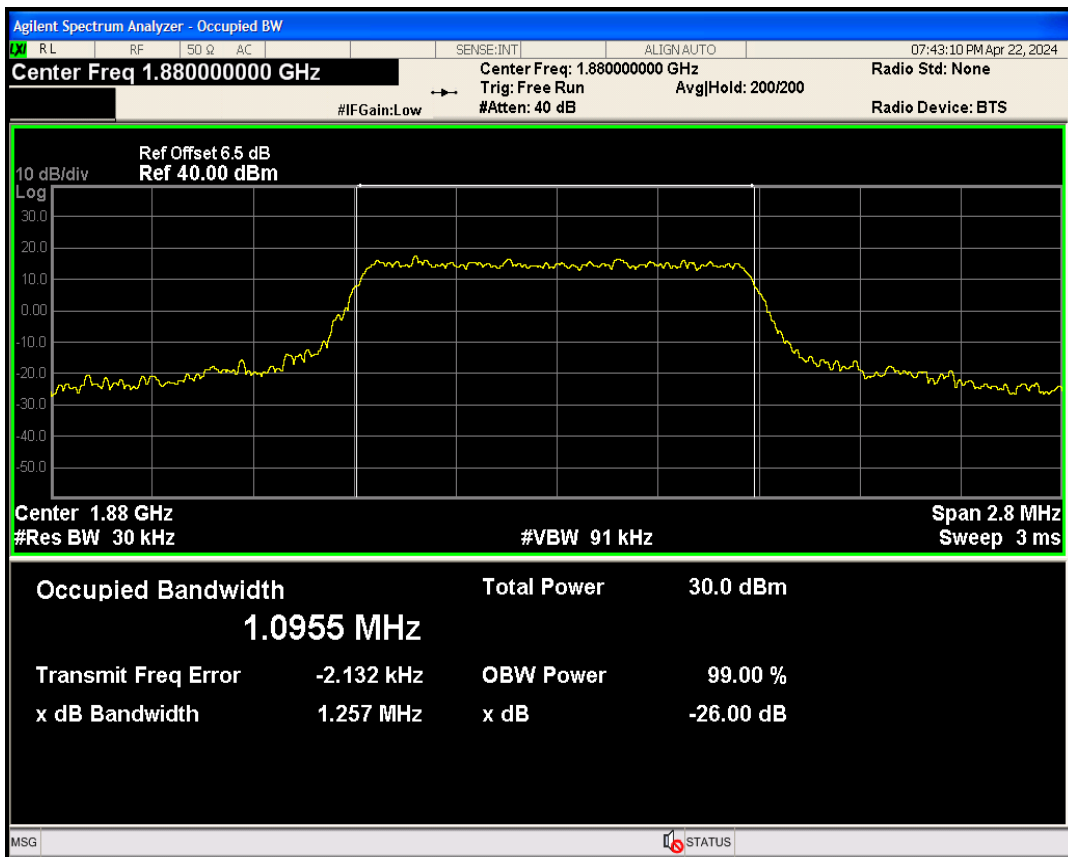
Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



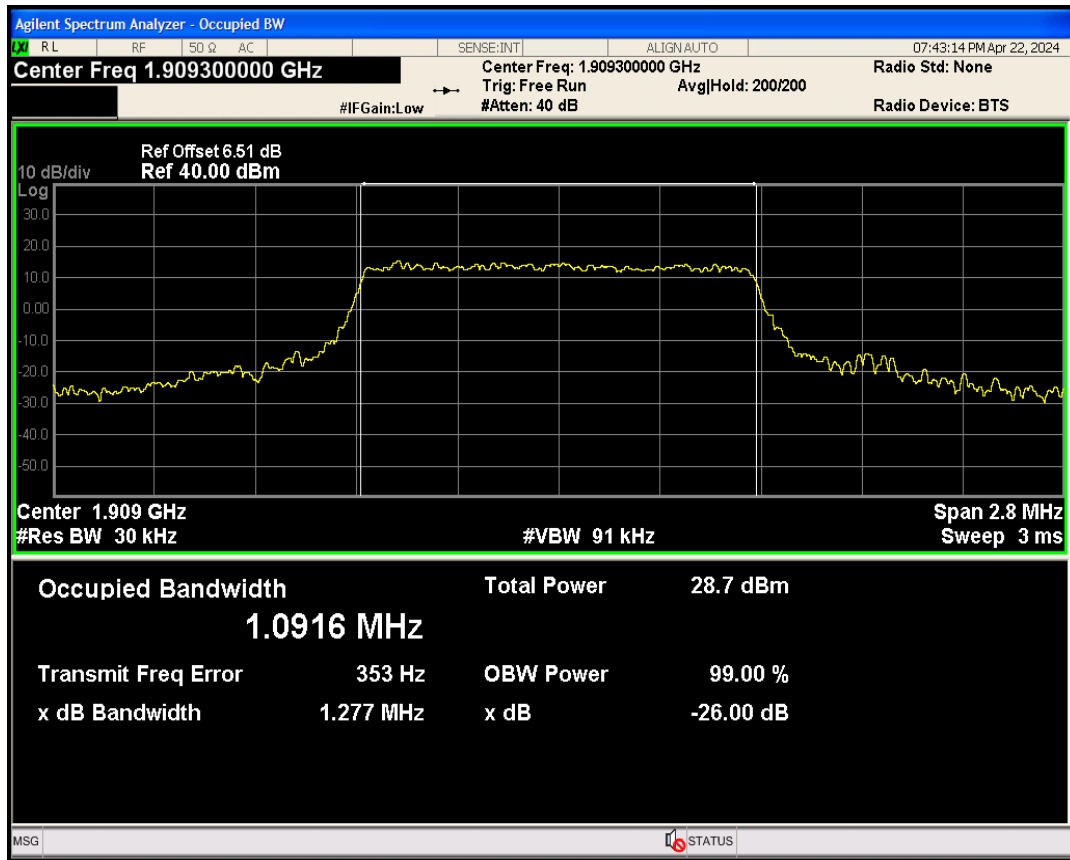
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



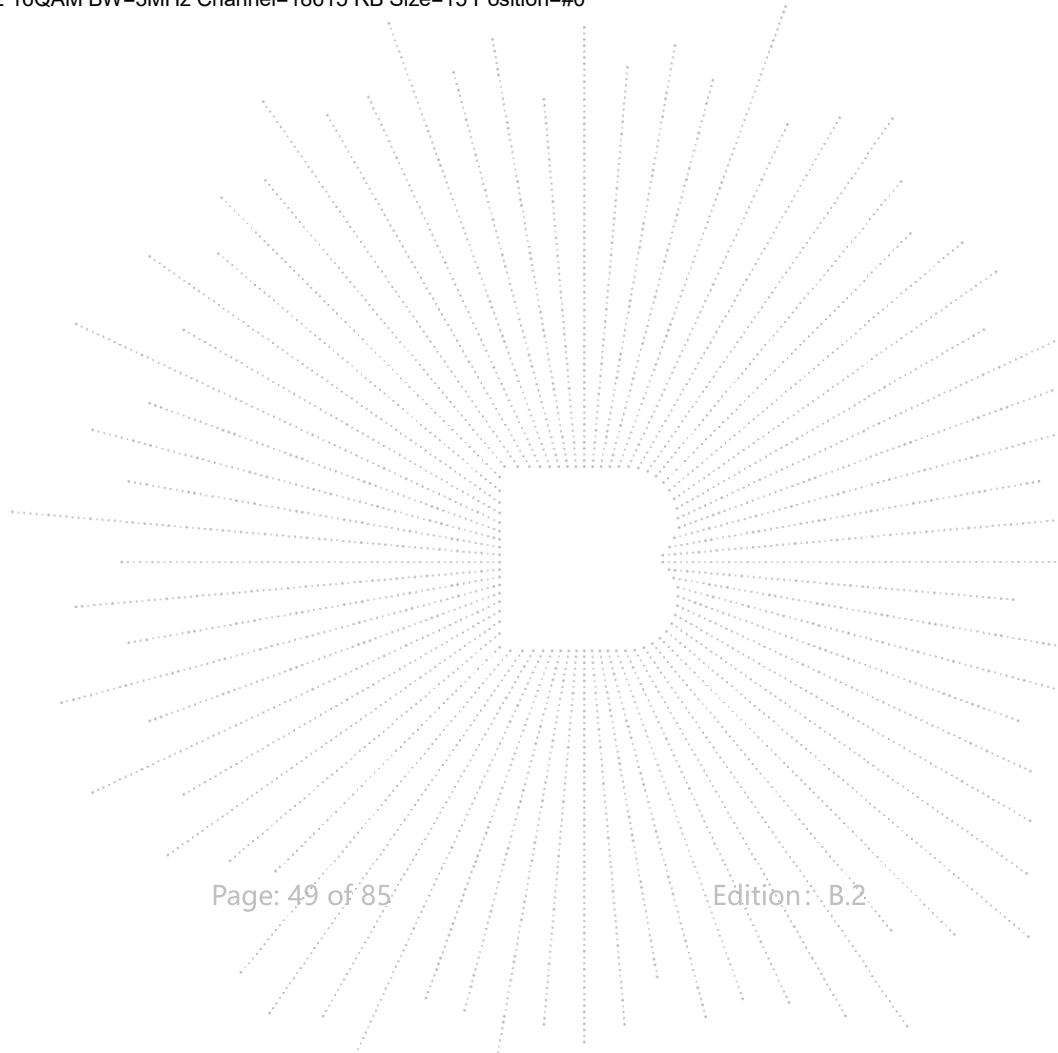
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0

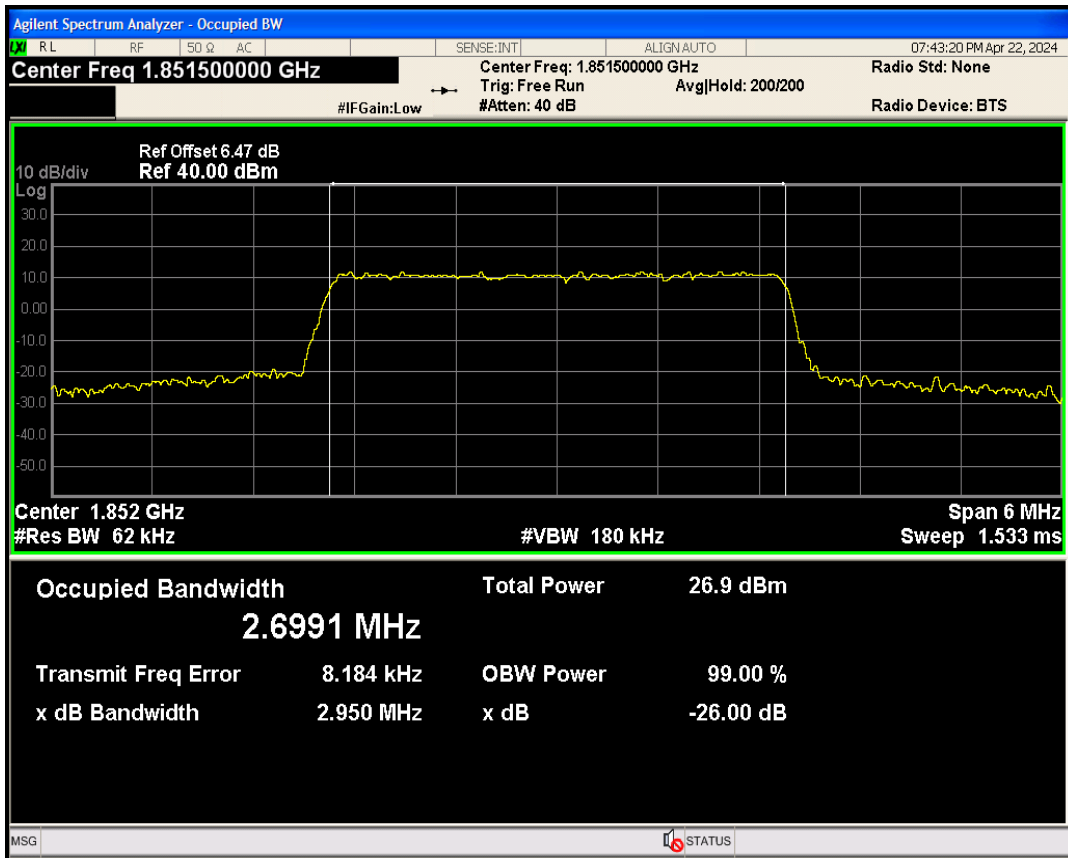


Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0

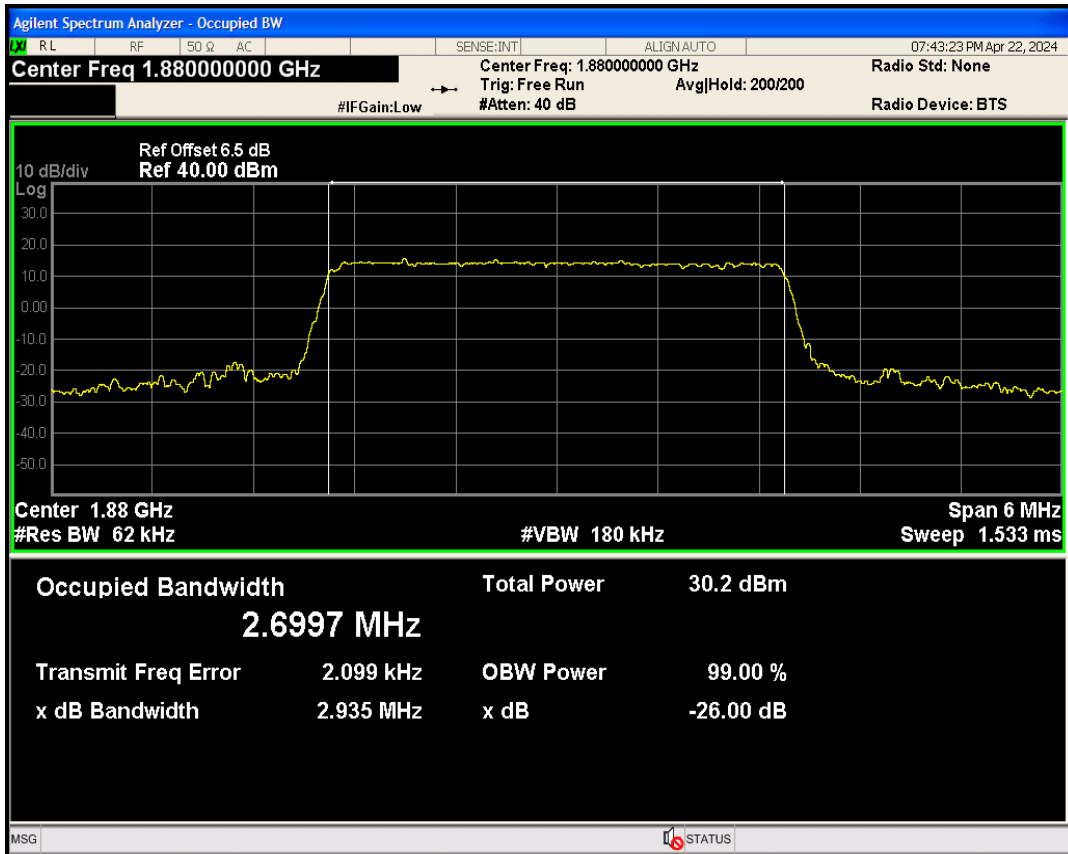


Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



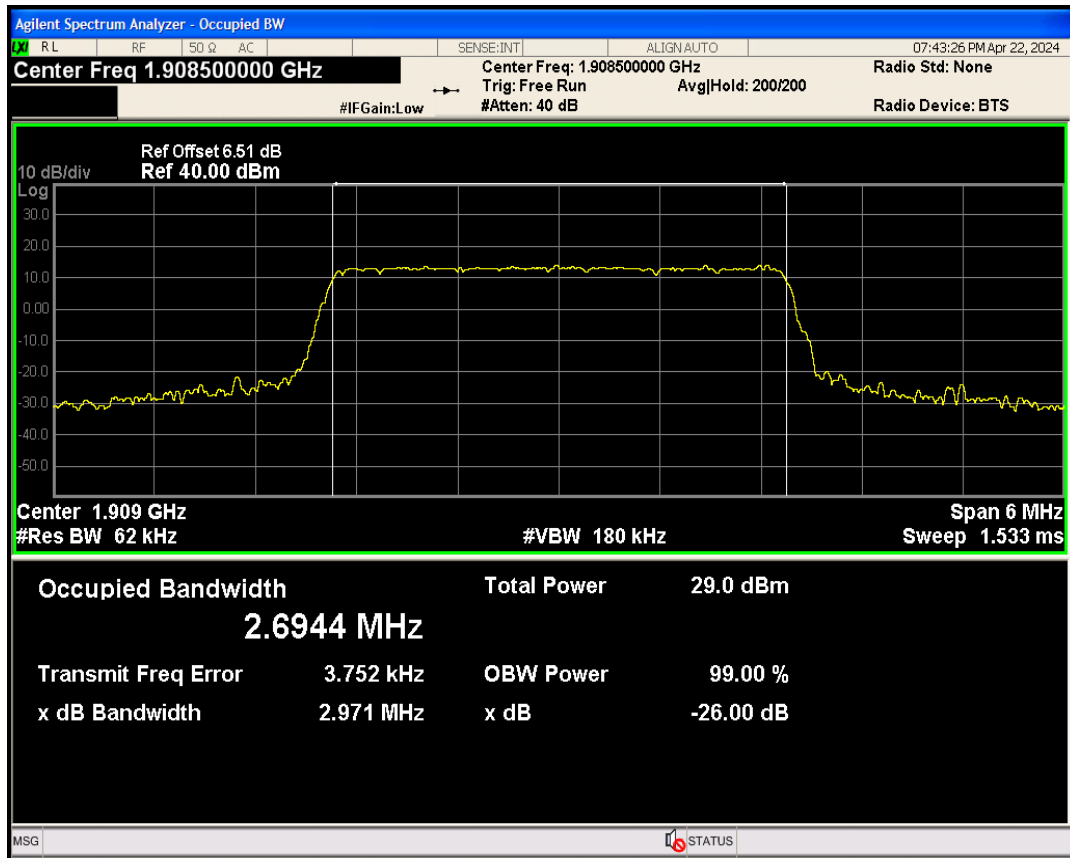


Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0

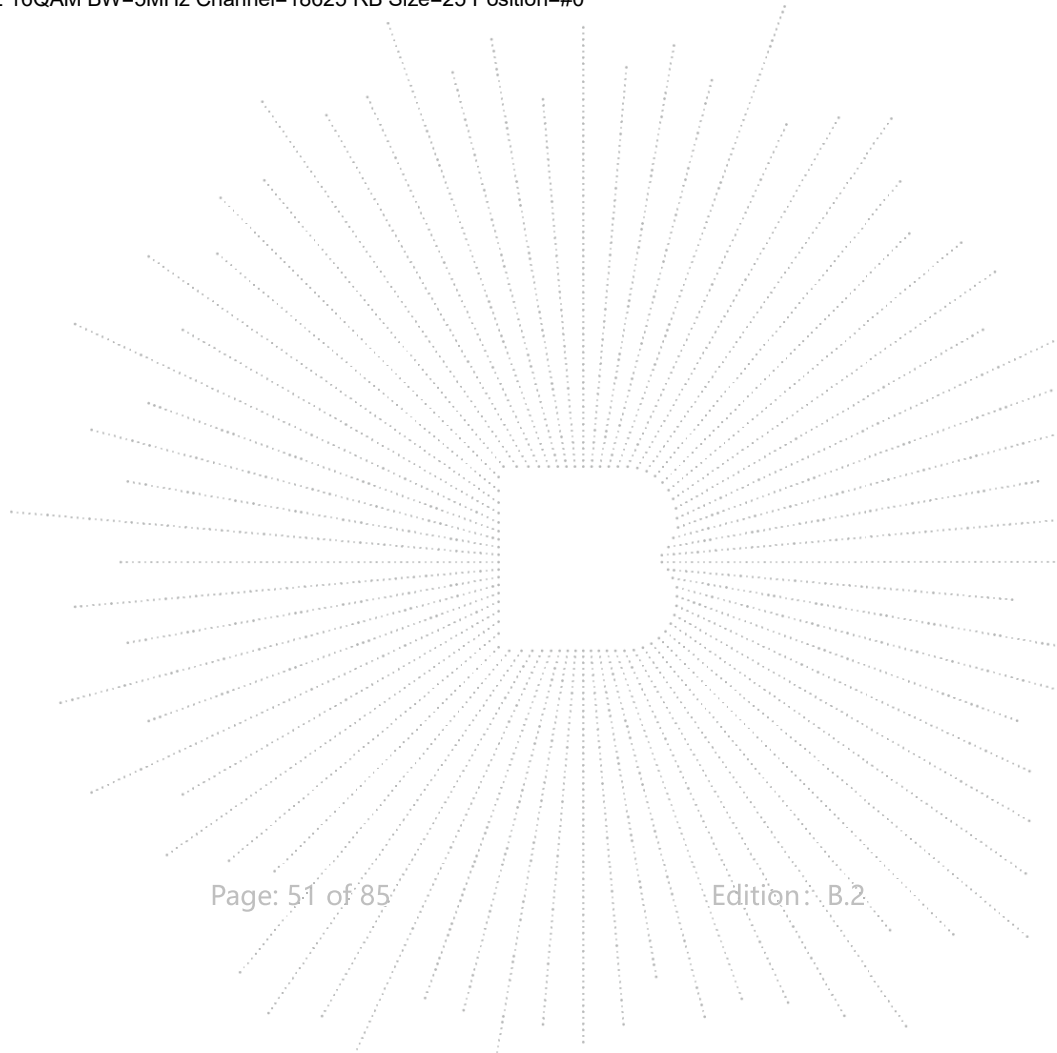


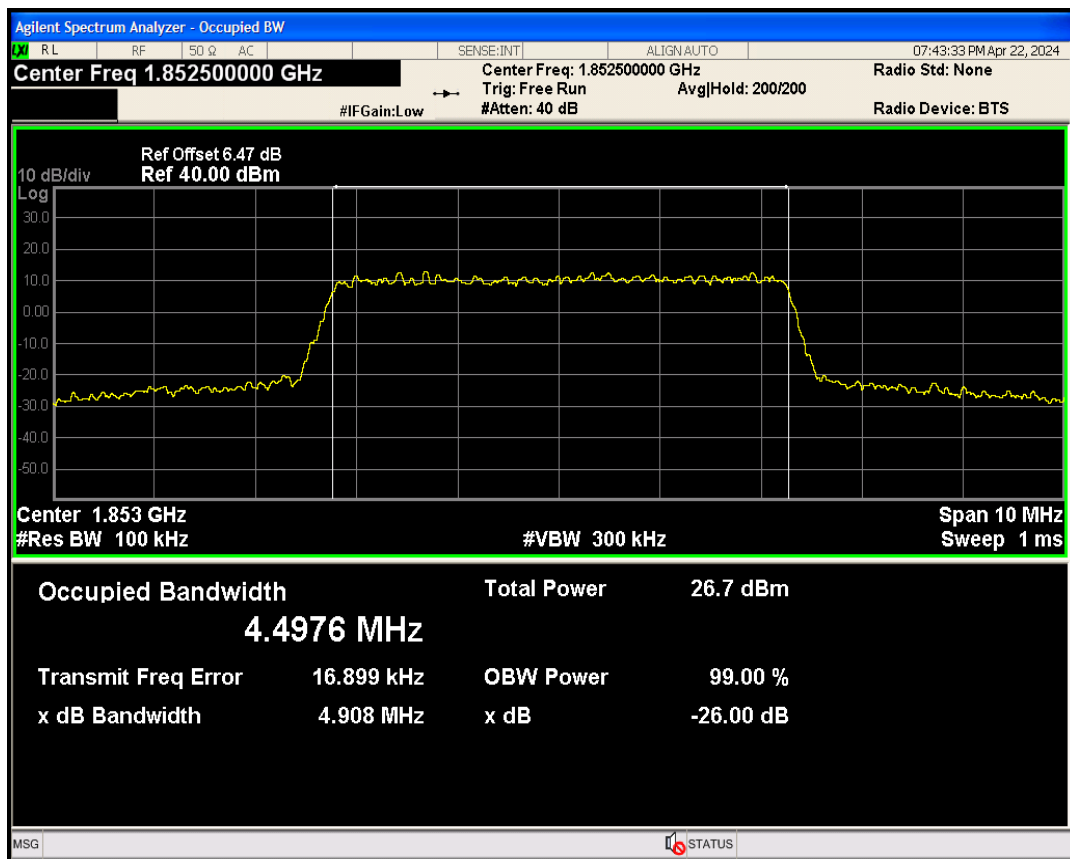


Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0

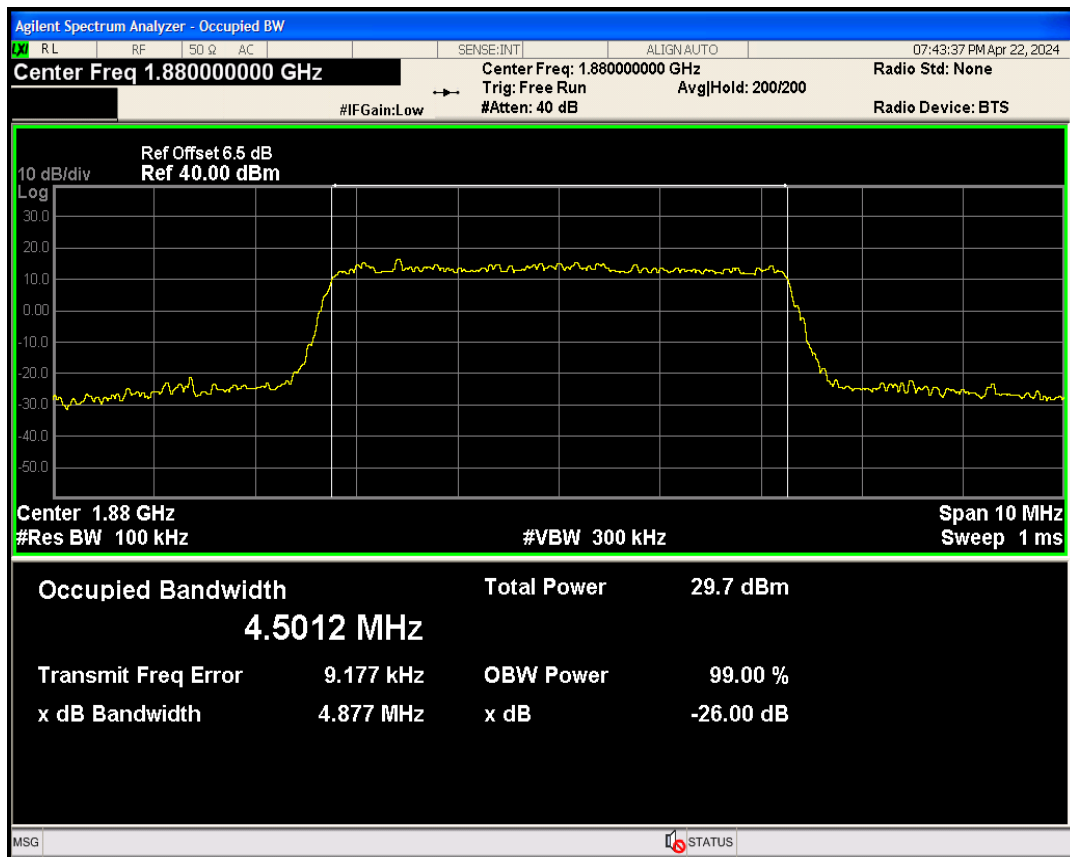


Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



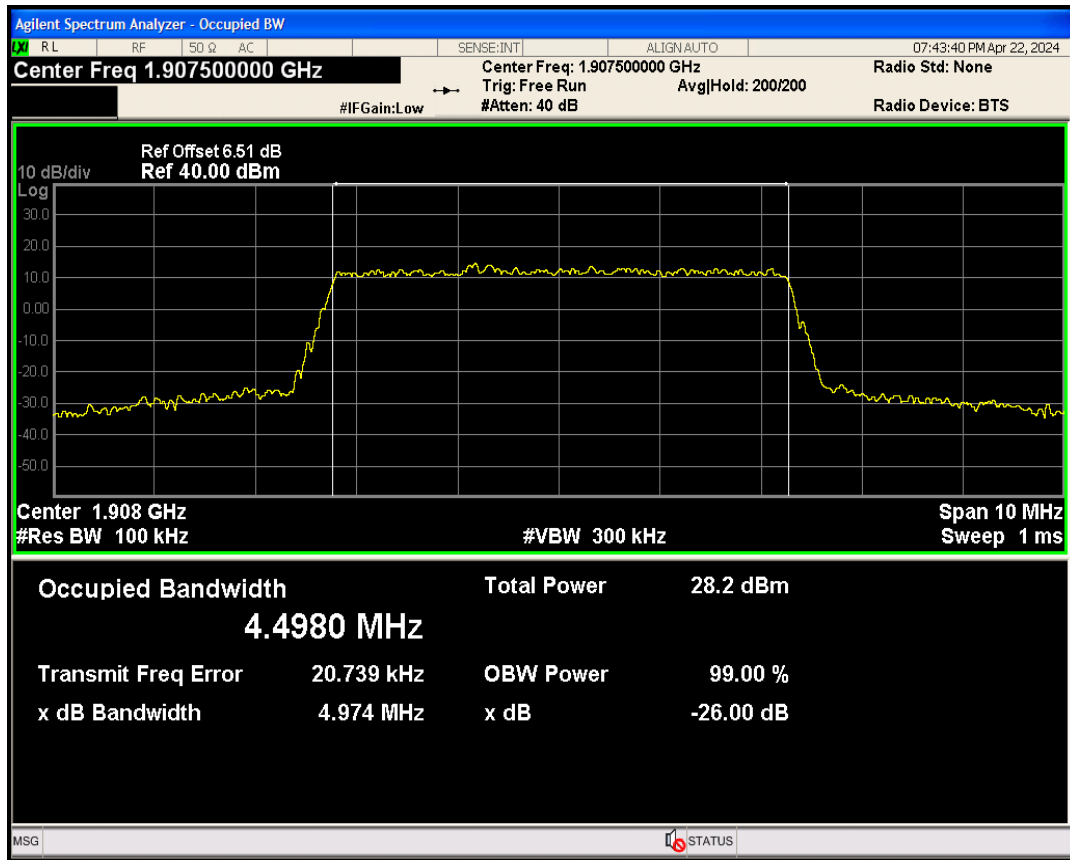


Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0





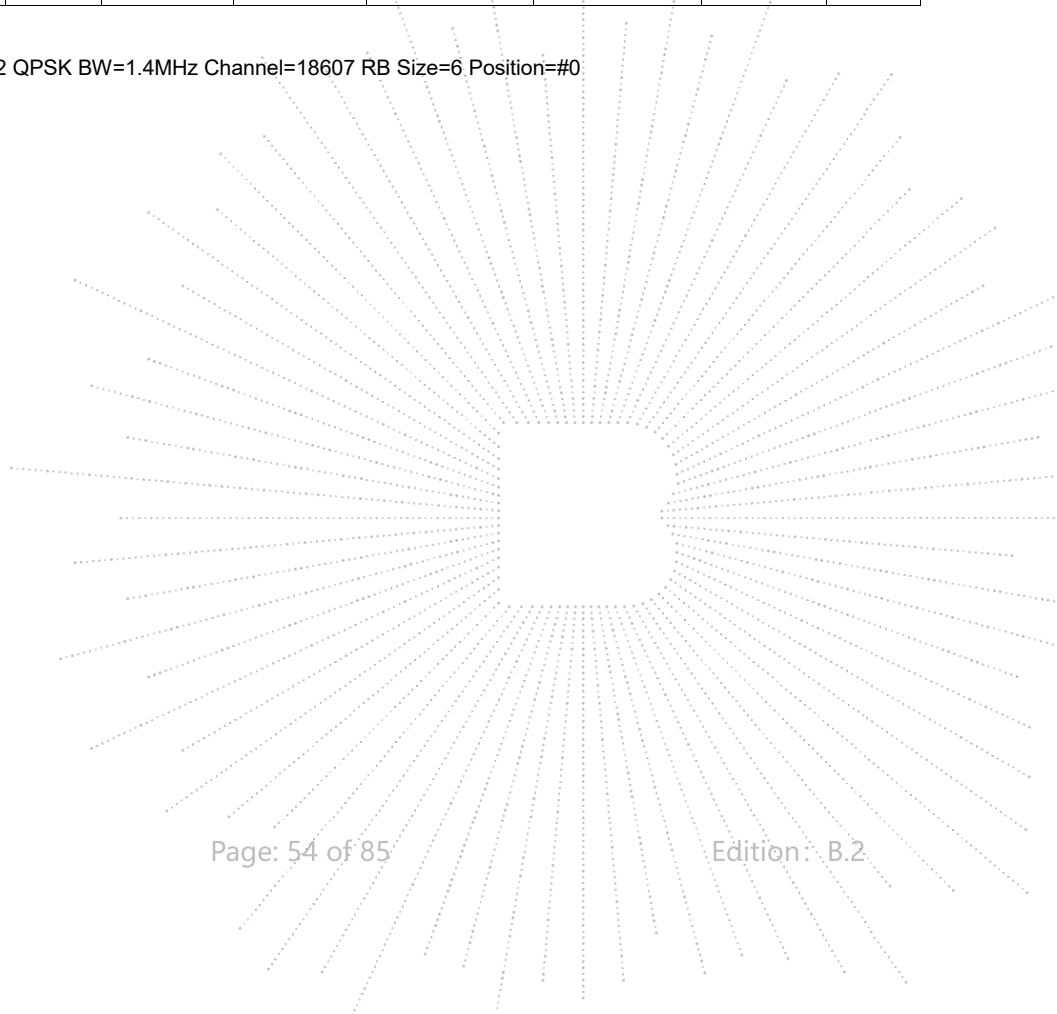
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0

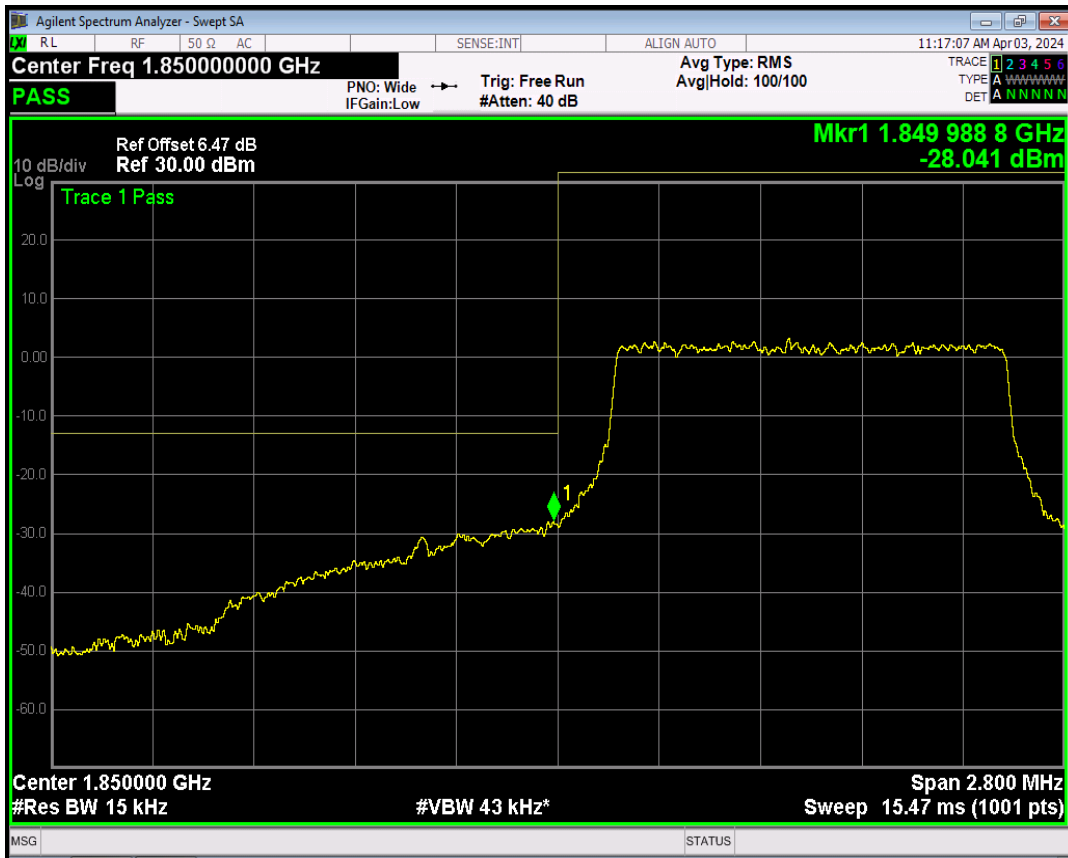


Appendix 5. Band edge

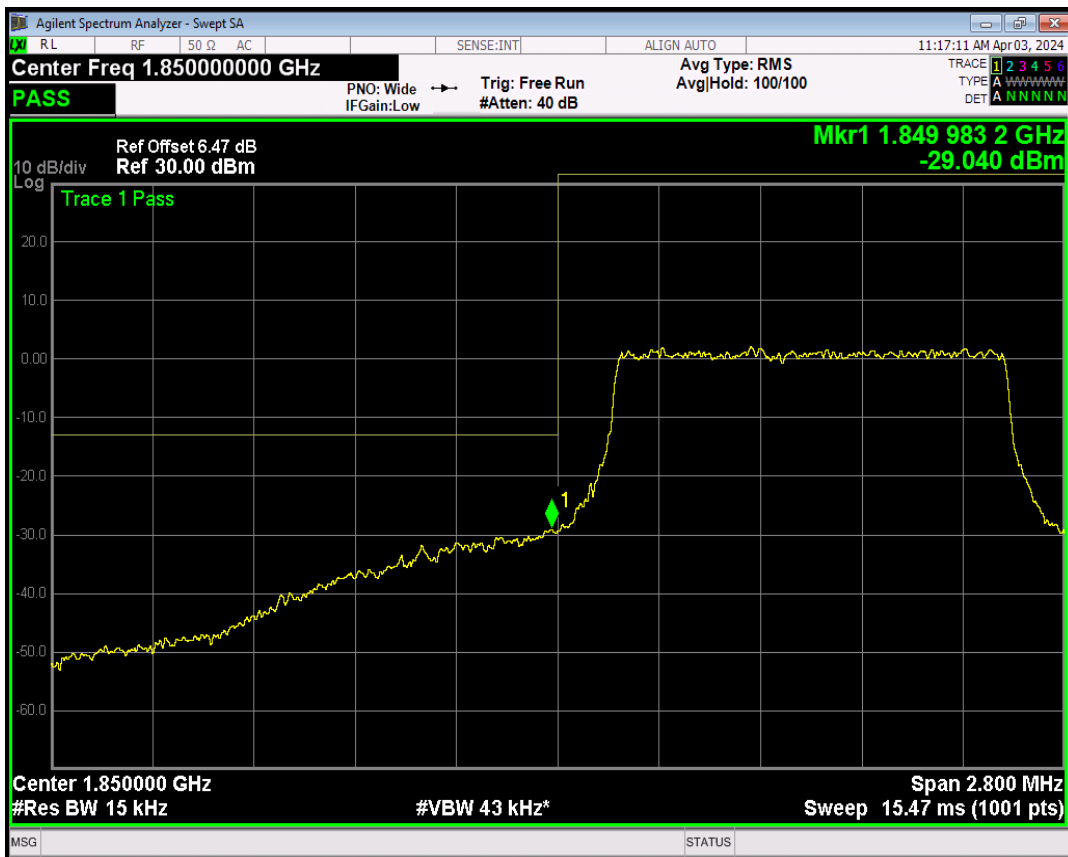
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	1849.99	-28.04	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1849.98	-29.04	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.01	-27.05	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.03	-28.76	-13	PASS
Band2	3	18615	15	#0	QPSK	1849.99	-28.15	-13	PASS
Band2	3	18615	15	#0	16QAM	1850.00	-30.81	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.00	-29.91	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.01	-32.07	-13	PASS
Band2	5	18625	25	#0	QPSK	1849.98	-29.56	-13	PASS
Band2	5	18625	25	#0	16QAM	1850.00	-30.45	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-32.49	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.00	-33.10	-13	PASS
Band2	10	18650	50	#0	QPSK	1849.90	-32.44	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.00	-34.63	-13	PASS
Band2	15	18675	75	#0	QPSK	1847.66	-31.92	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.21	-35.62	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.88	-31.53	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.00	-37.12	-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

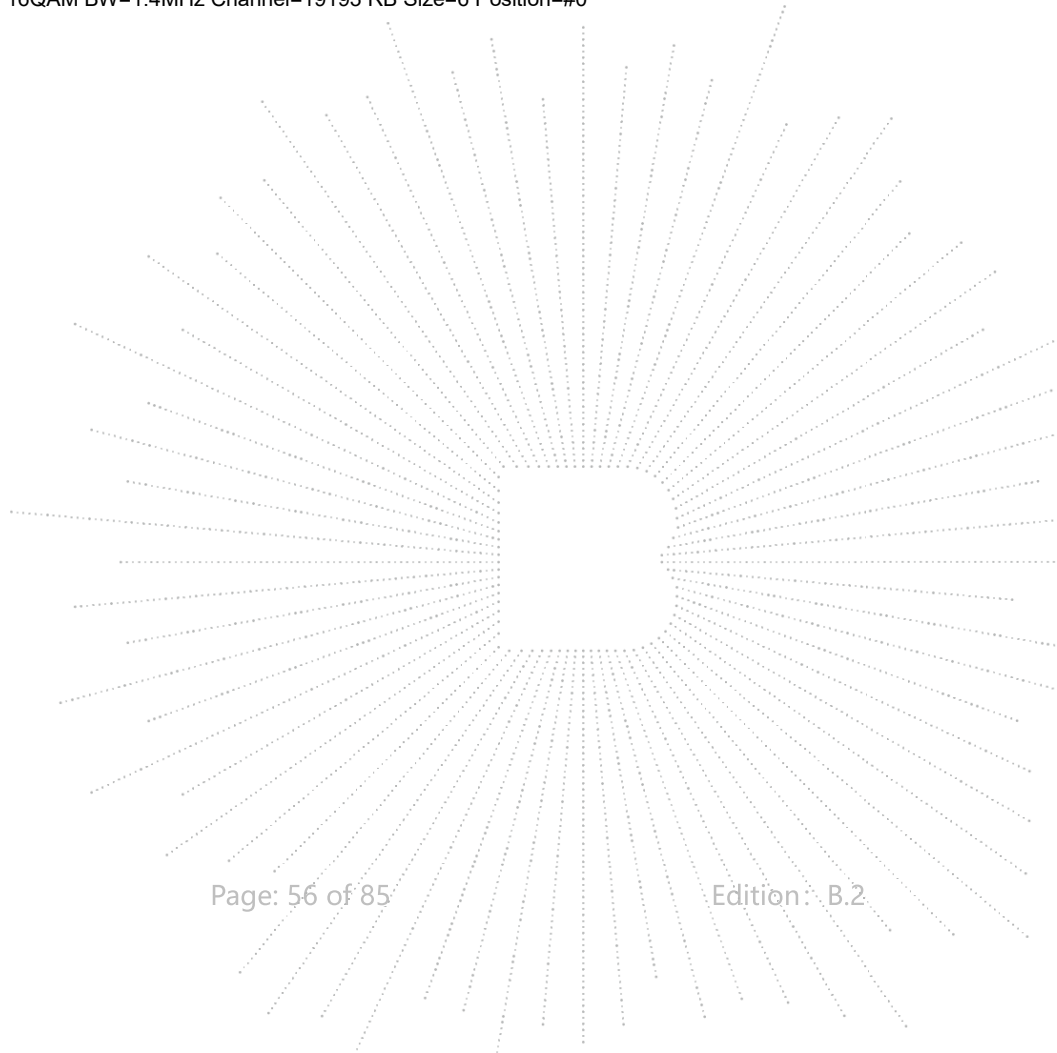




Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0

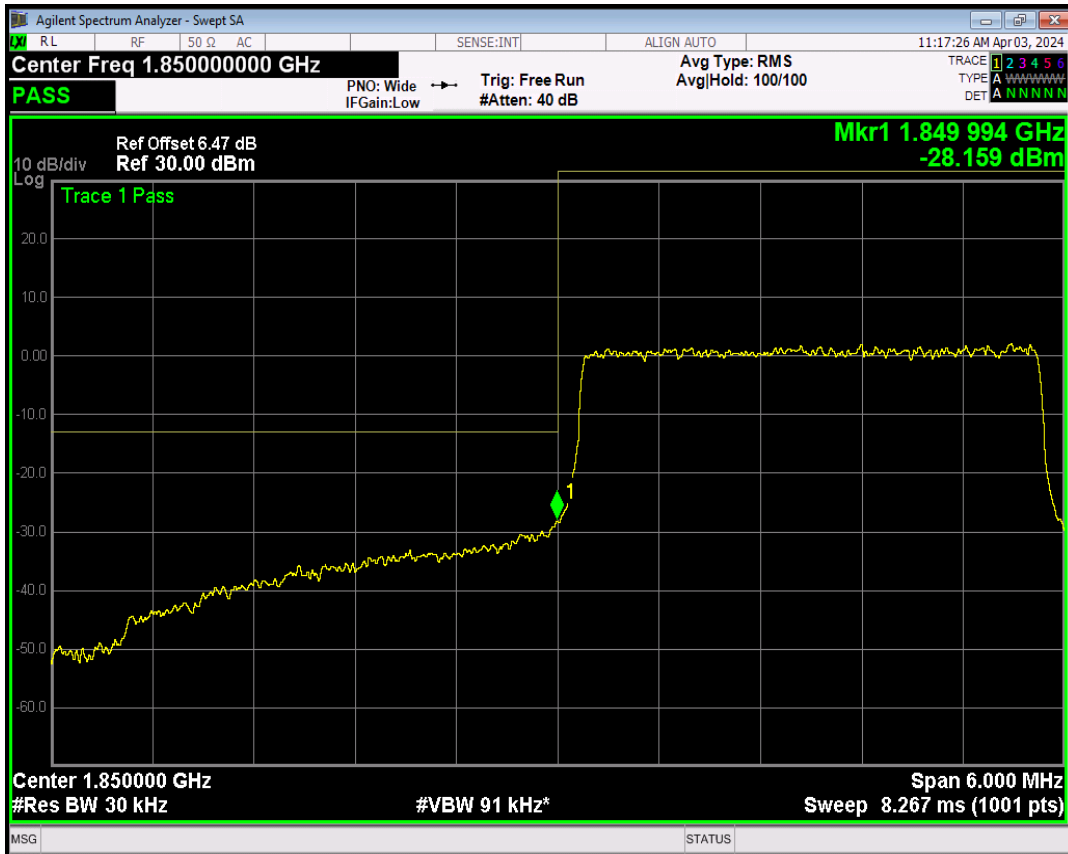


Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



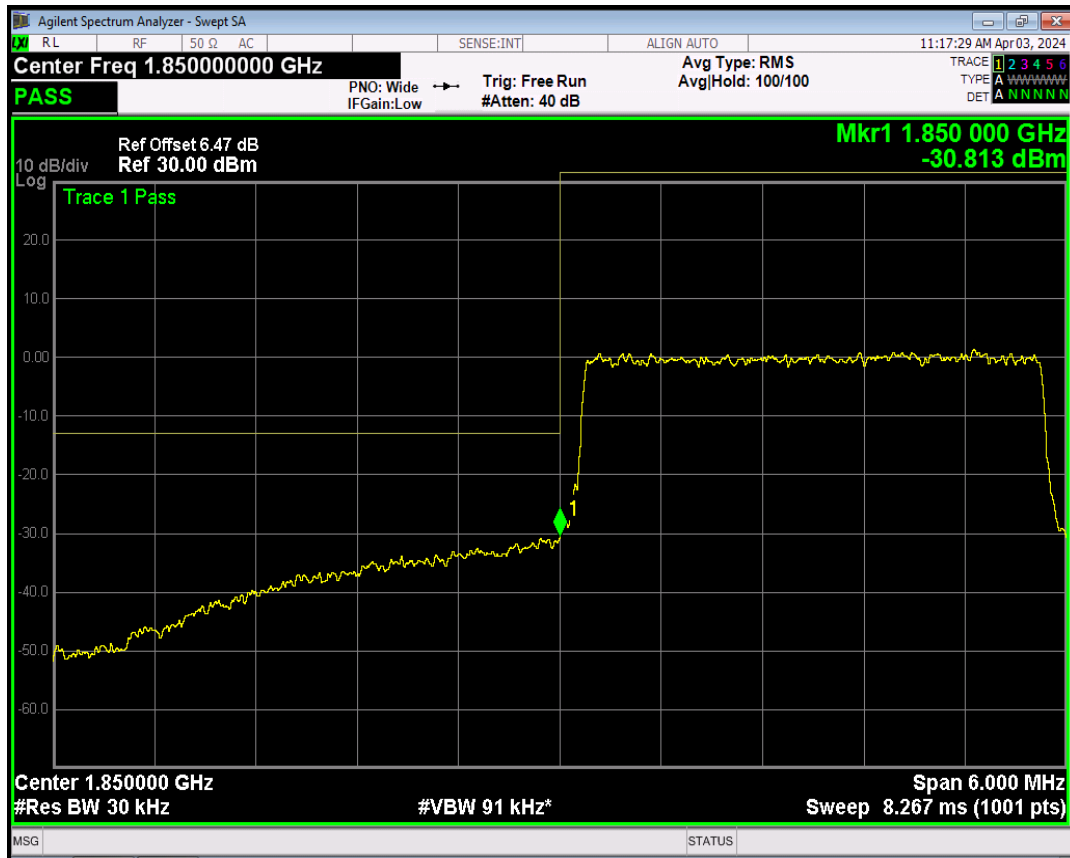


Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0

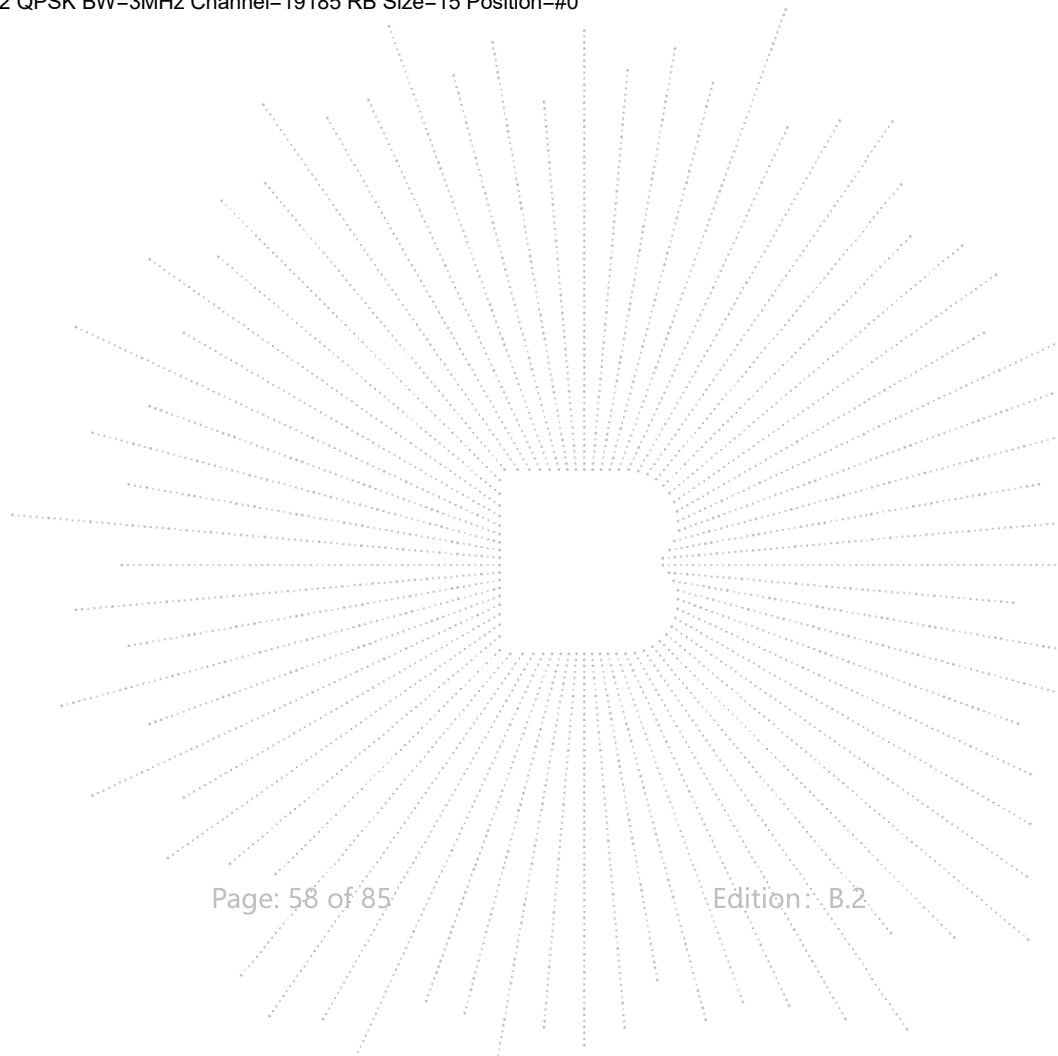


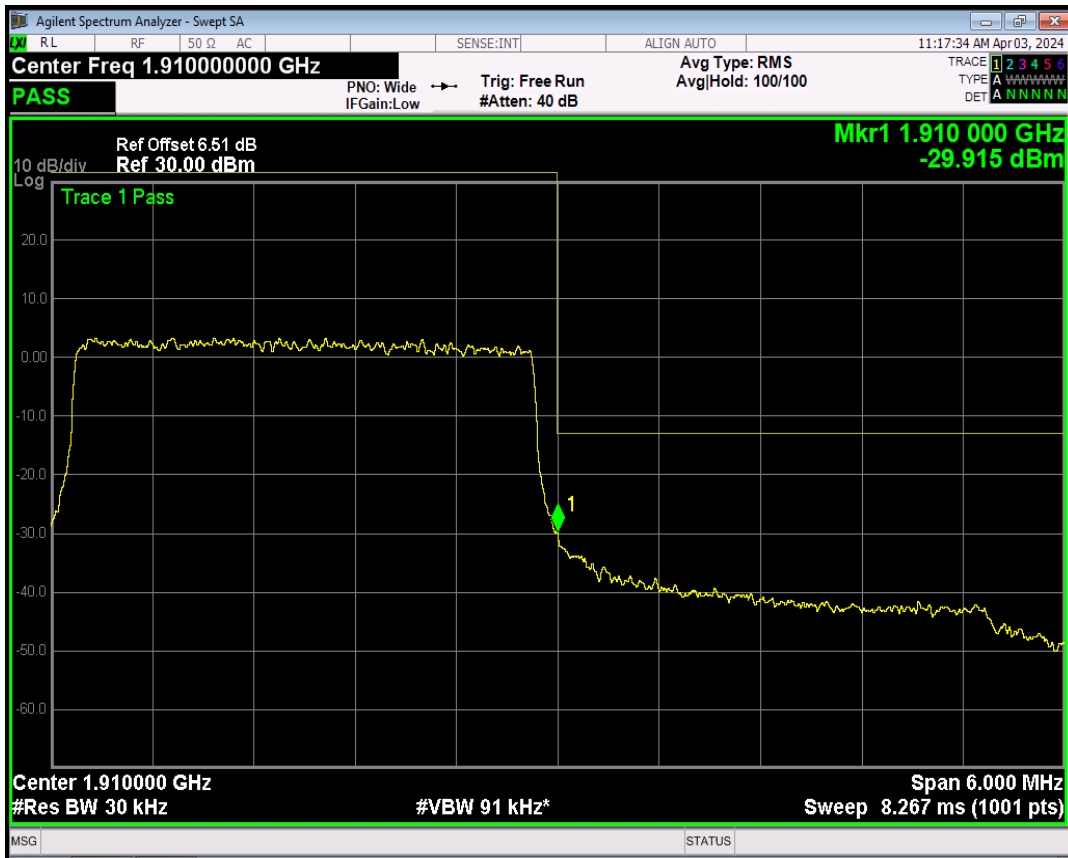


Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



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



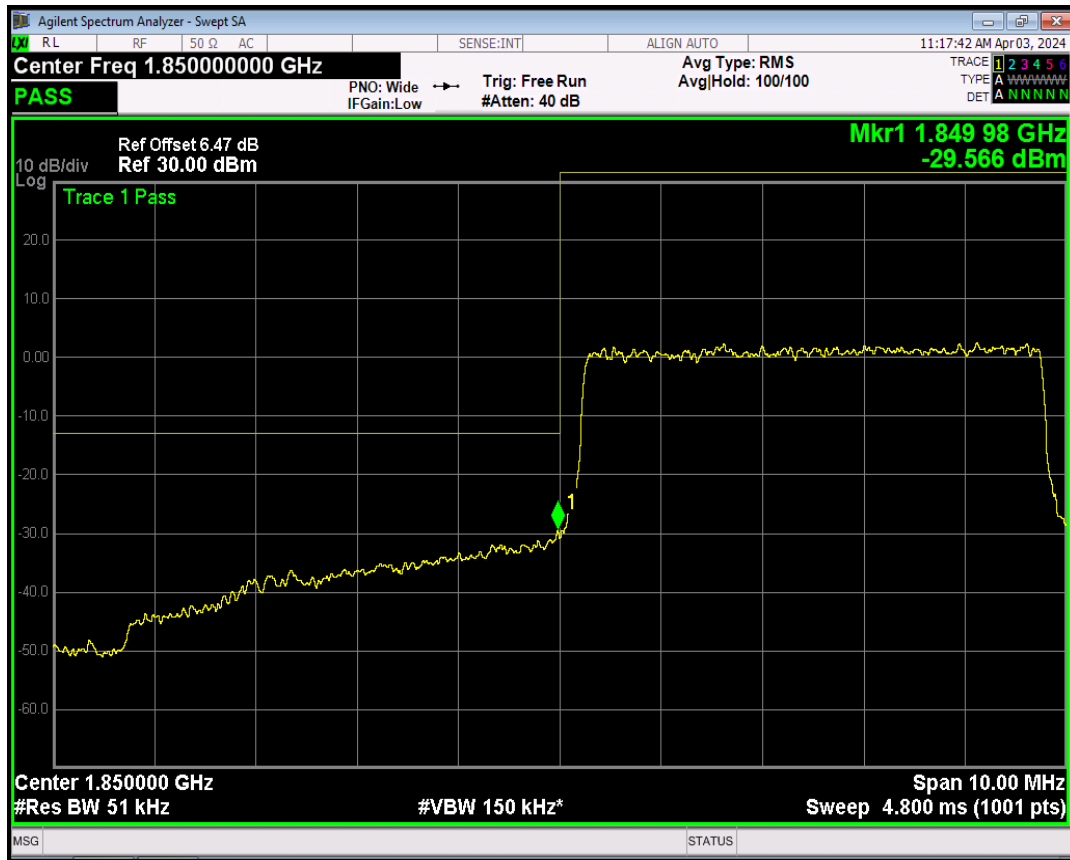


Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0

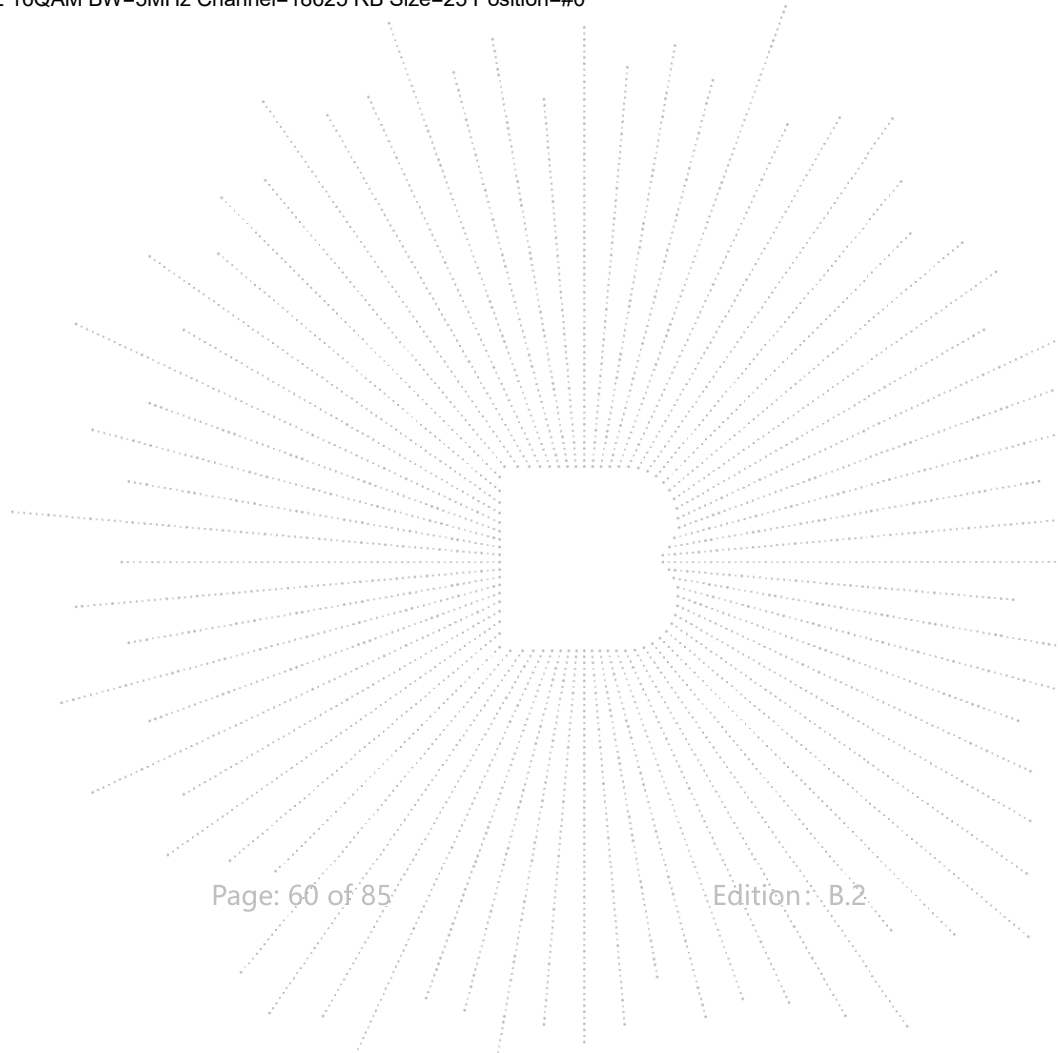


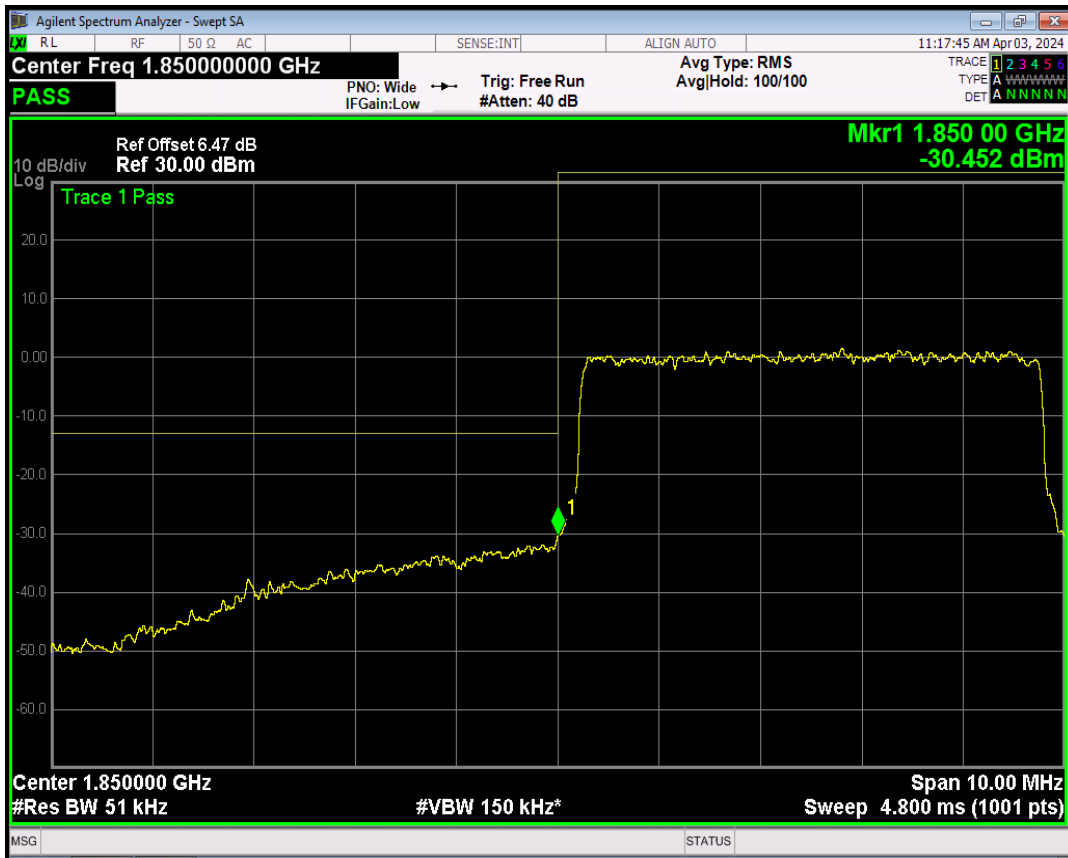


Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



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

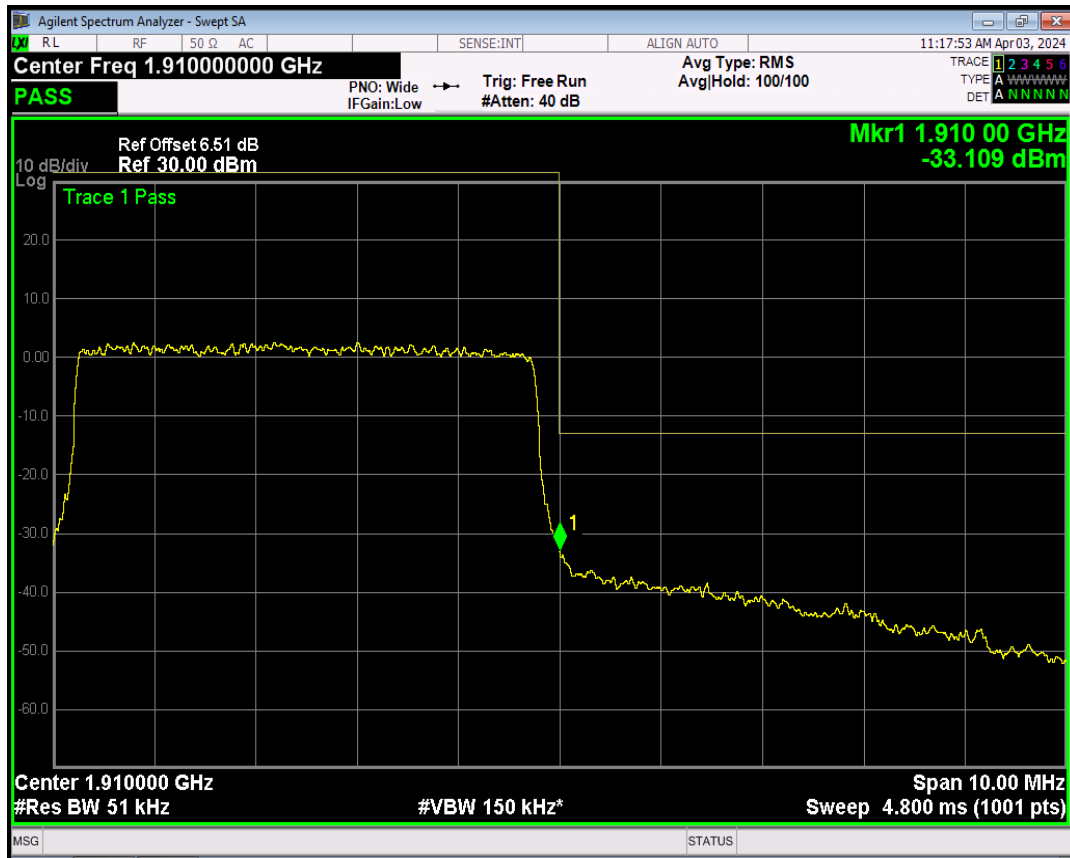




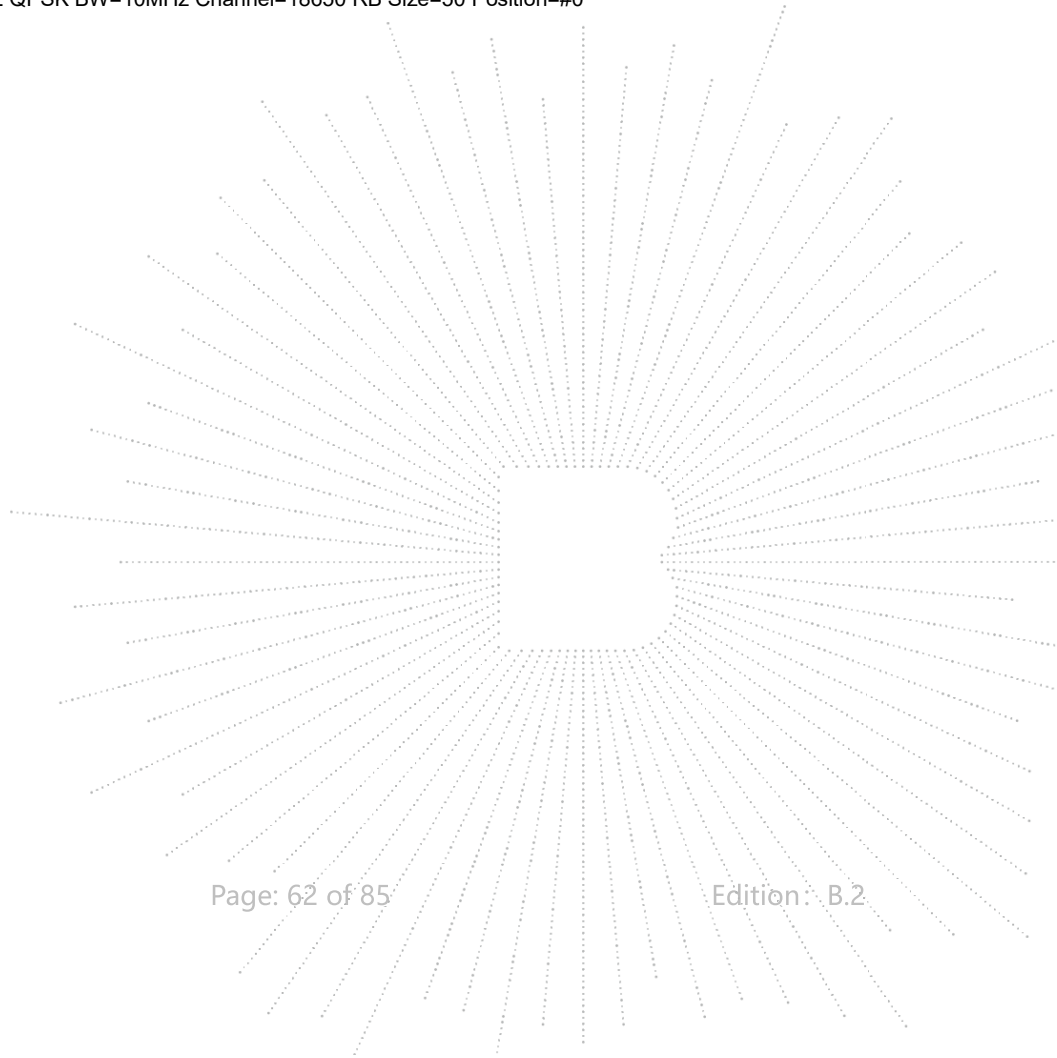
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0

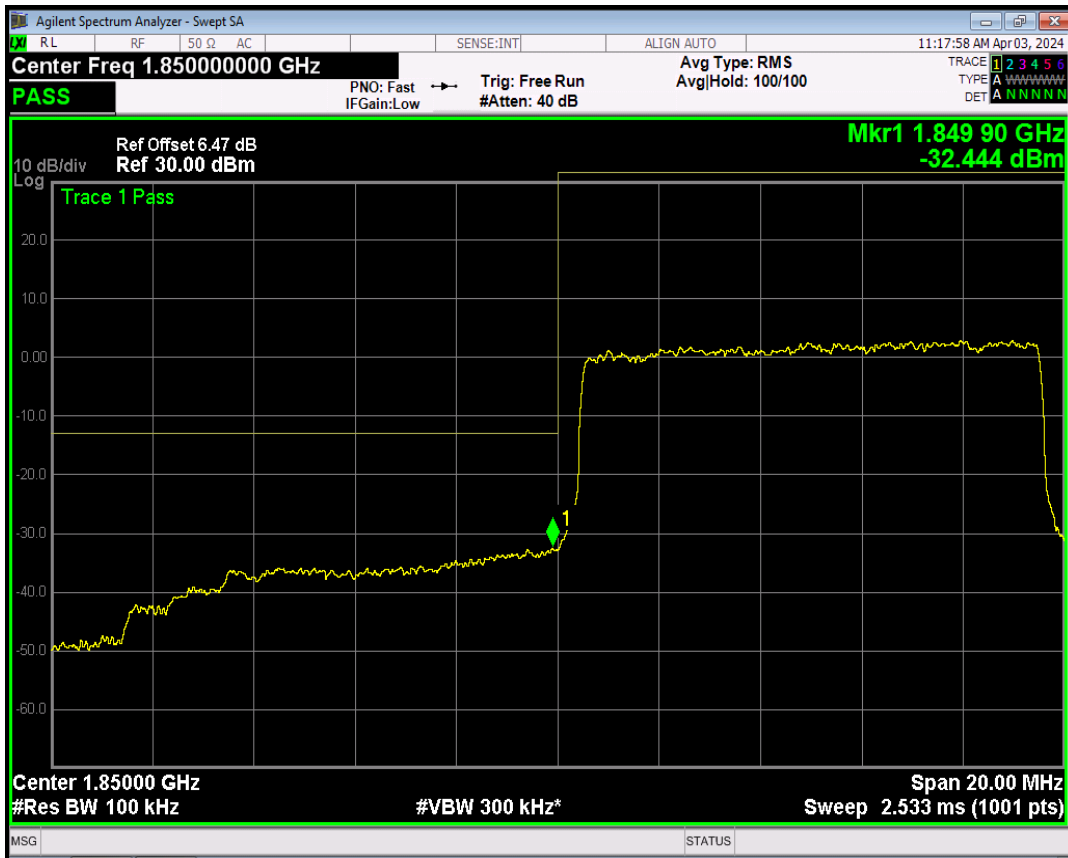


Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



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



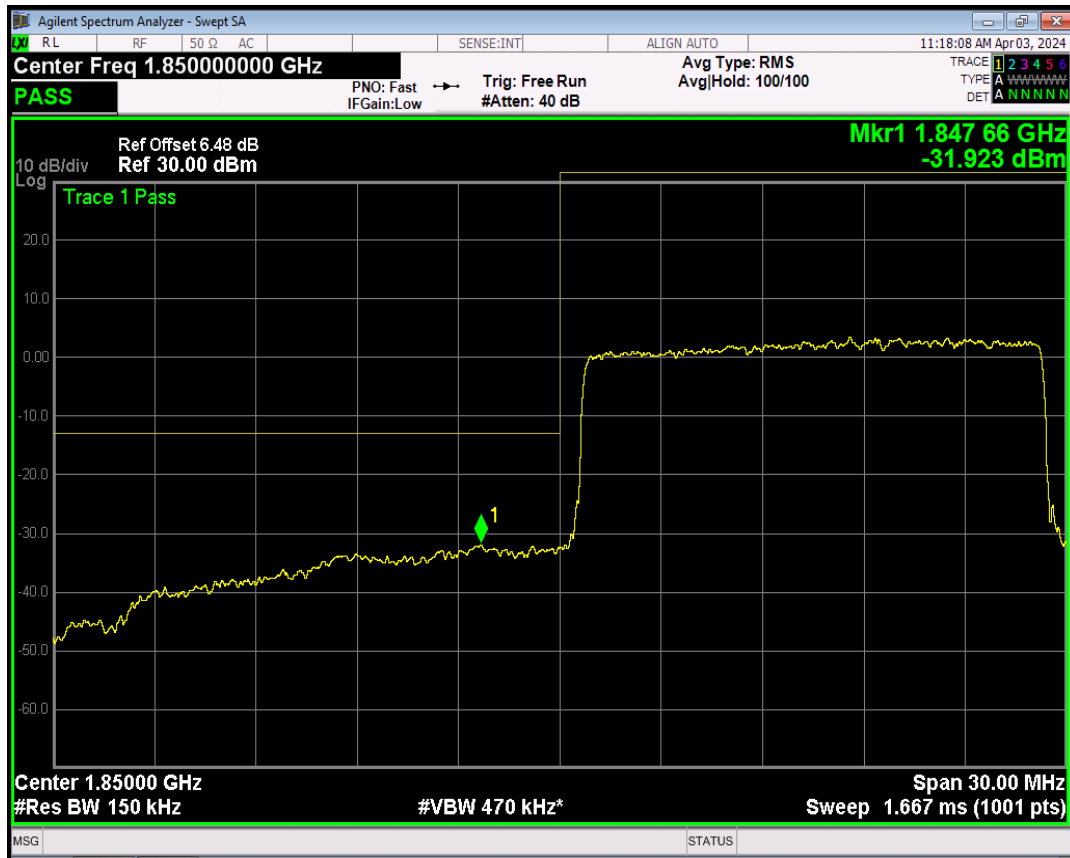


Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0

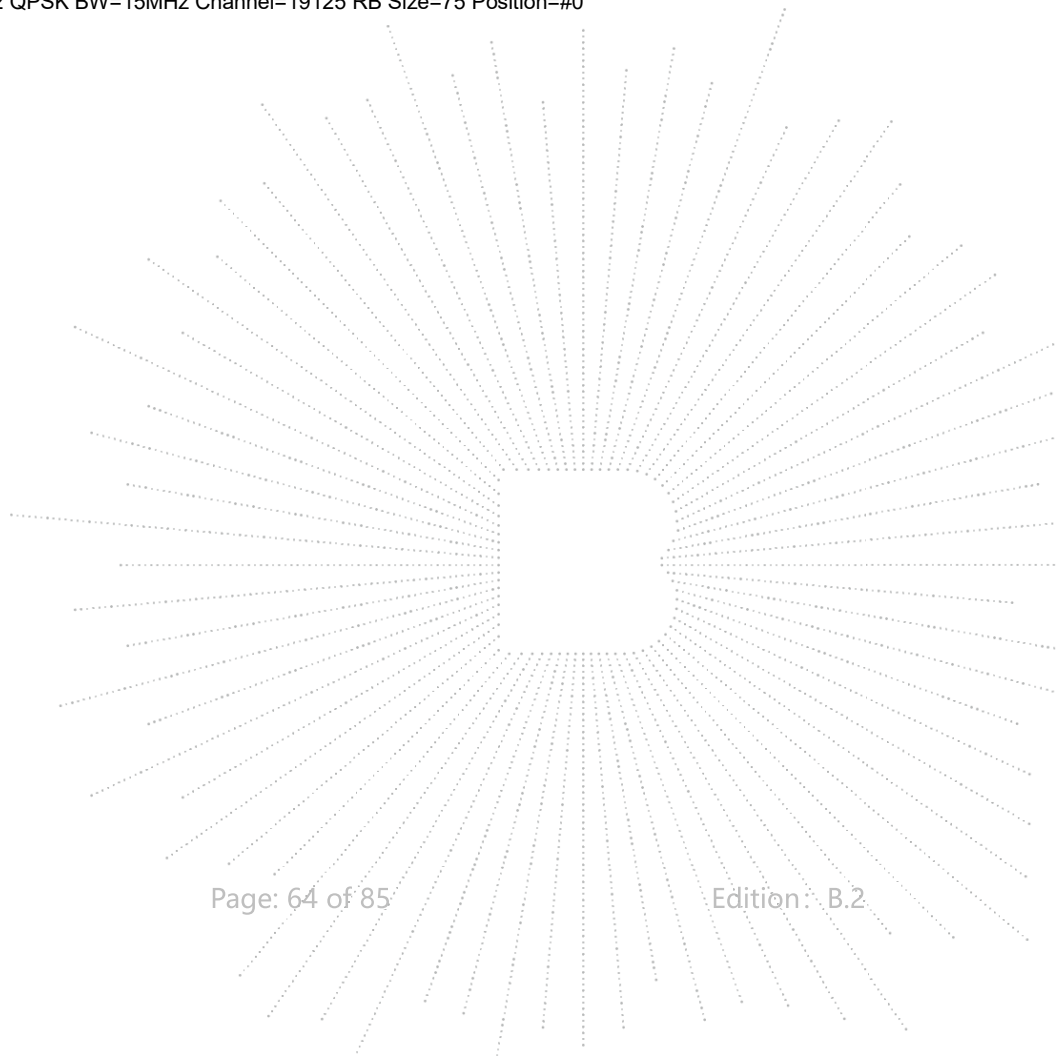


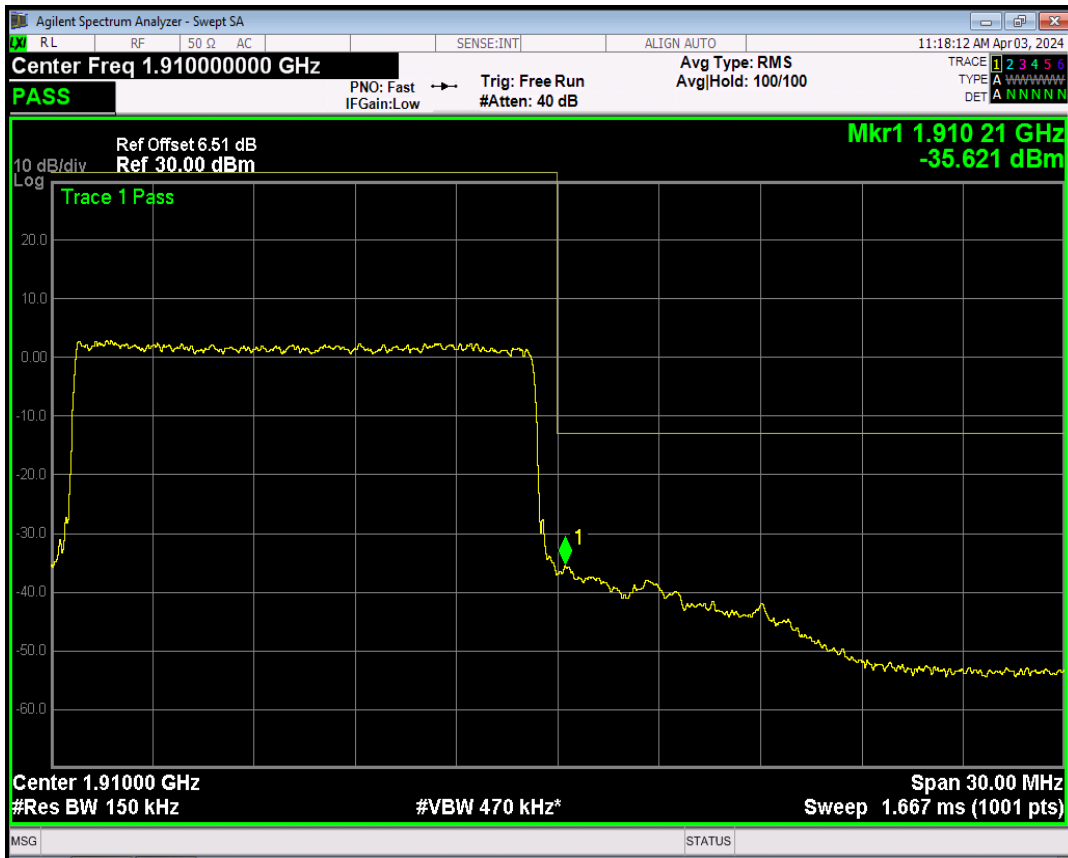


Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0

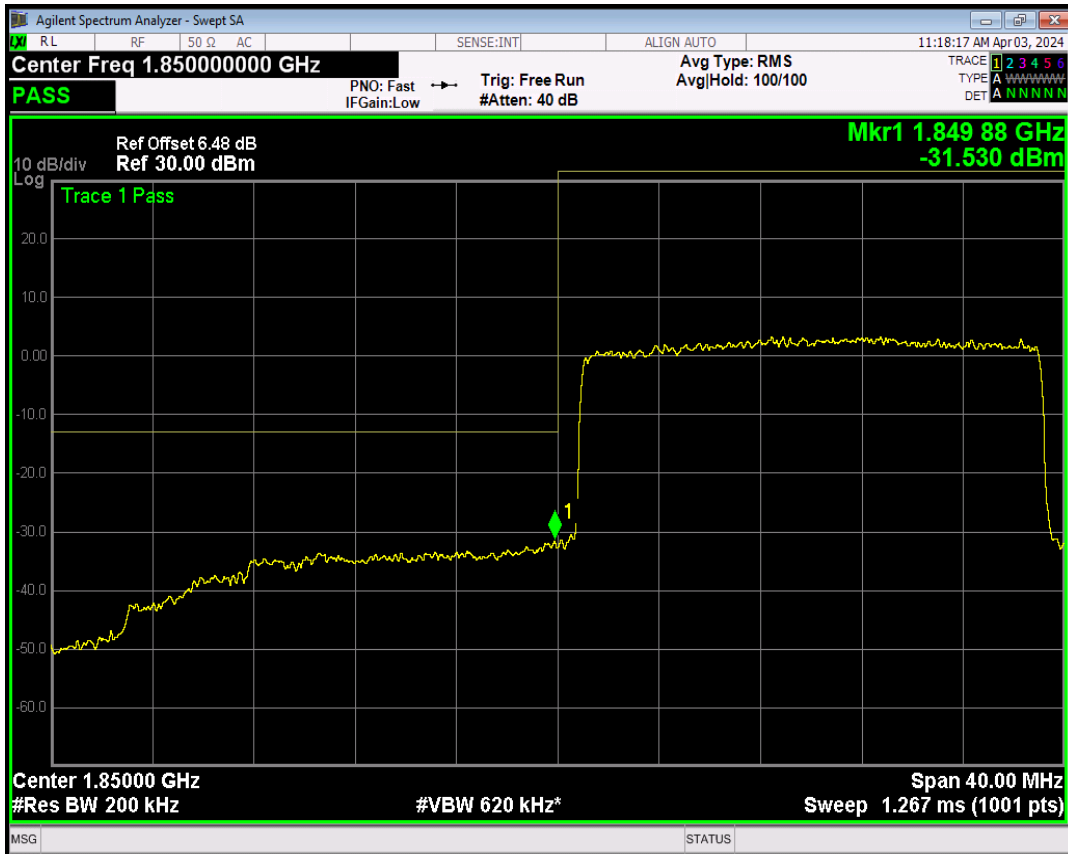


Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



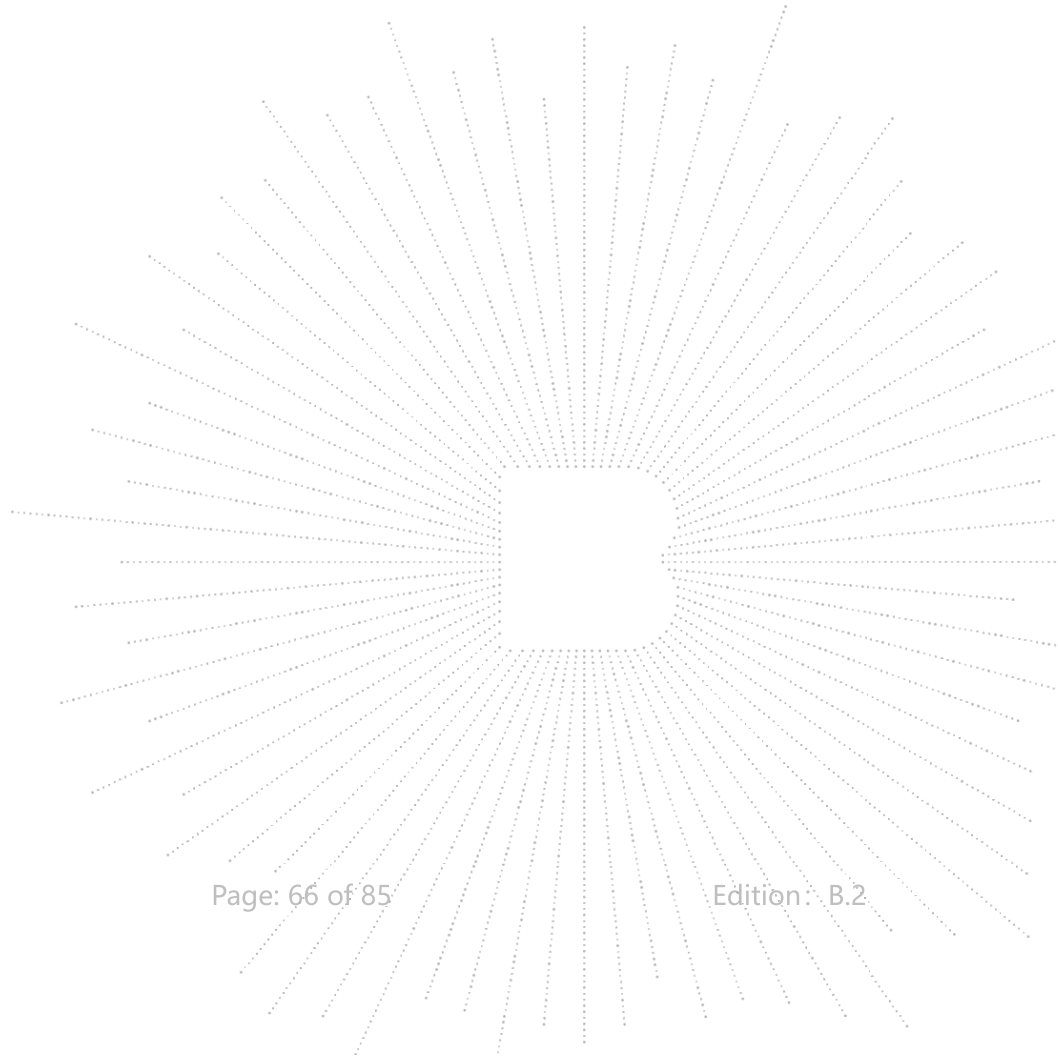
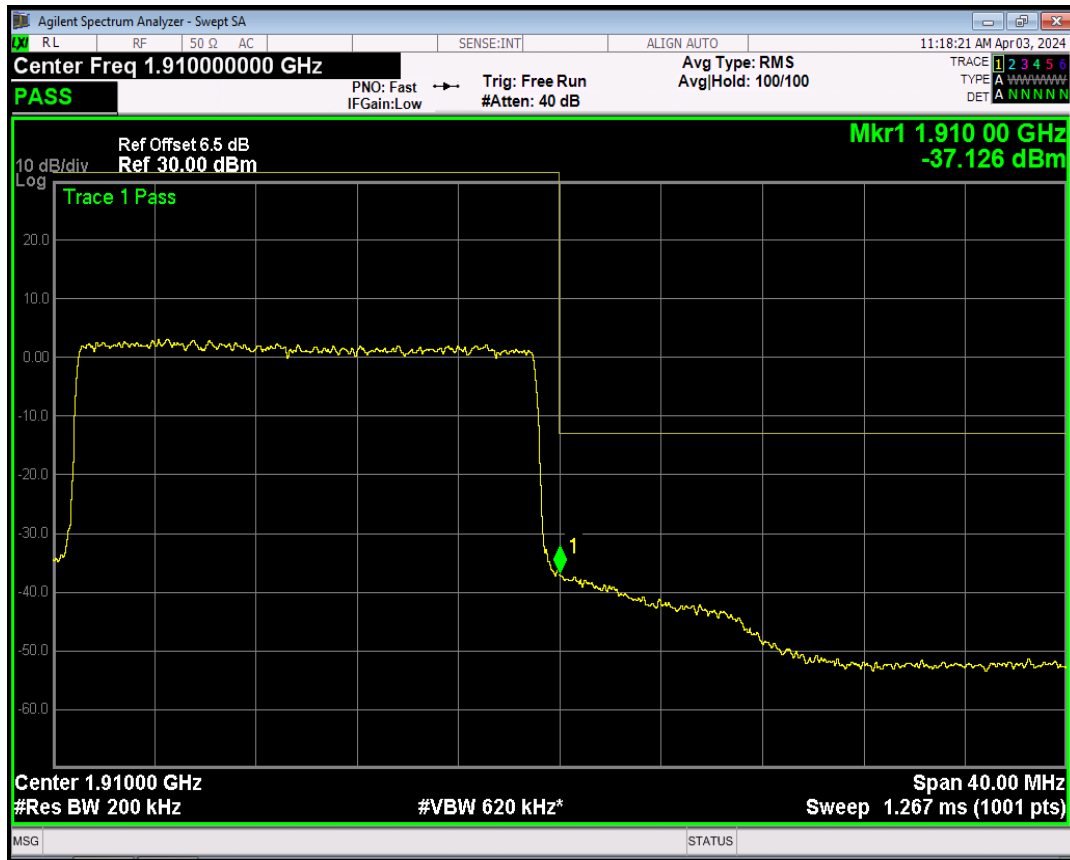


Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0





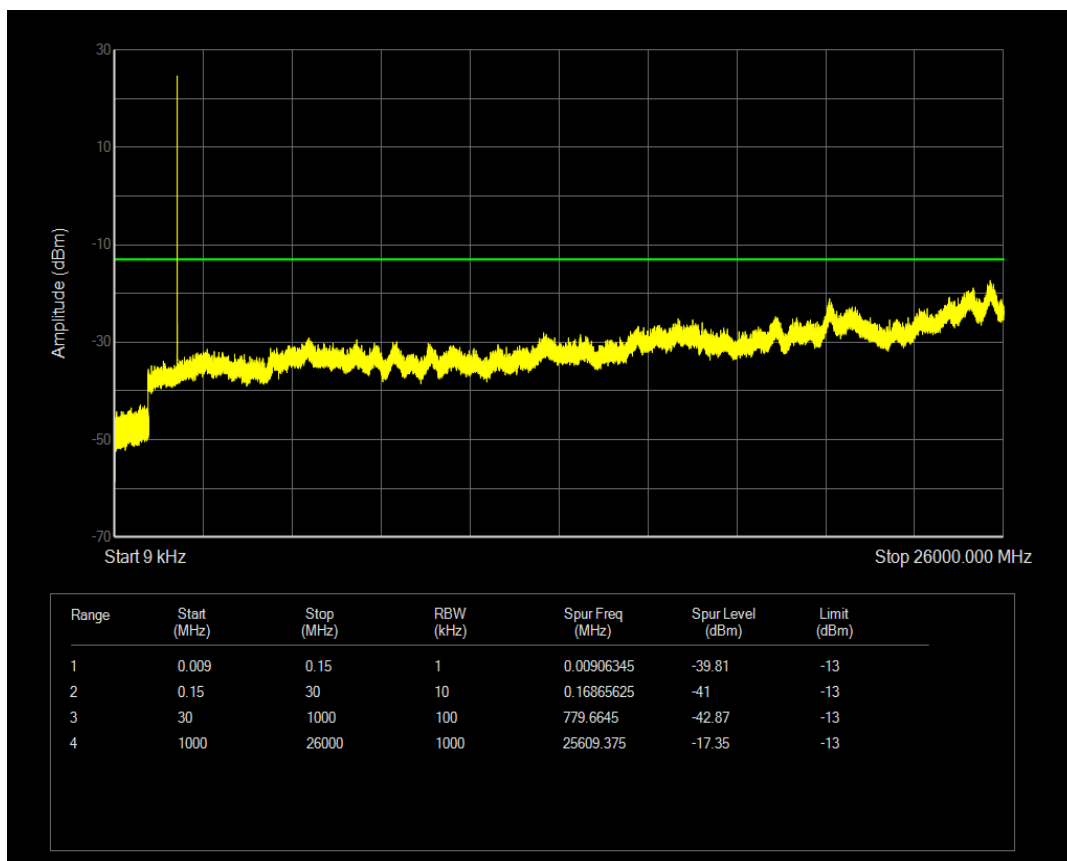
Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



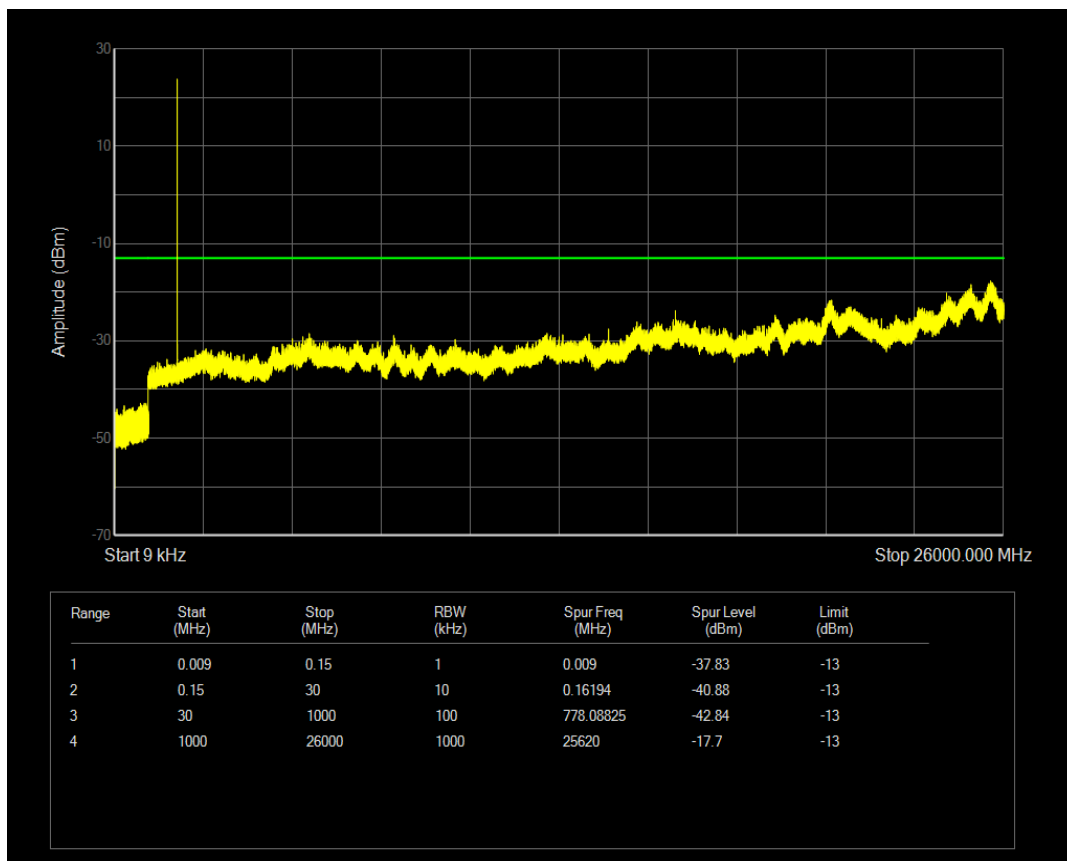
Appendix 6. Out-of-band emissions

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	25609.38	-17.35	-13	PASS
Band2	1.4	18607	6	#0	16QAM	25620.00	-17.70	-13	PASS
Band2	1.4	18900	6	#0	QPSK	25635.63	-16.80	-13	PASS
Band2	1.4	18900	6	#0	16QAM	25672.50	-17.59	-13	PASS
Band2	1.4	19193	6	#0	QPSK	25643.13	-16.87	-13	PASS
Band2	1.4	19193	6	#0	16QAM	25663.13	-16.74	-13	PASS
Band2	3	18615	15	#0	QPSK	25670.63	-17.86	-13	PASS
Band2	3	18615	15	#0	16QAM	25658.75	-17.97	-13	PASS
Band2	3	18900	15	#0	QPSK	25645.63	-17.35	-13	PASS
Band2	3	18900	15	#0	16QAM	25622.50	-17.86	-13	PASS
Band2	3	19185	15	#0	QPSK	25641.25	-17.48	-13	PASS
Band2	3	19185	15	#0	16QAM	25616.88	-17.58	-13	PASS
Band2	5	18625	25	#0	QPSK	25611.25	-17.38	-13	PASS
Band2	5	18625	25	#0	16QAM	25646.25	-17.59	-13	PASS
Band2	5	18900	25	#0	QPSK	25548.75	-17.41	-13	PASS
Band2	5	18900	25	#0	16QAM	25642.50	-17.31	-13	PASS
Band2	5	19175	25	#0	QPSK	25571.88	-17.67	-13	PASS
Band2	5	19175	25	#0	16QAM	25645.00	-17.36	-13	PASS
Band2	10	18650	50	#0	QPSK	25614.38	-17.85	-13	PASS
Band2	10	18900	50	#0	QPSK	25619.38	-16.97	-13	PASS
Band2	10	19150	50	#0	QPSK	25687.50	-17.47	-13	PASS
Band2	15	18675	75	#0	QPSK	25619.38	-18.05	-13	PASS
Band2	15	18900	75	#0	QPSK	25681.25	-16.64	-13	PASS
Band2	15	19125	75	#0	QPSK	25563.13	-17.29	-13	PASS
Band2	20	18700	100	#0	QPSK	25600.63	-16.89	-13	PASS
Band2	20	18900	100	#0	QPSK	25616.25	-17.58	-13	PASS
Band2	20	19100	100	#0	QPSK	25669.38	-17.99	-13	PASS

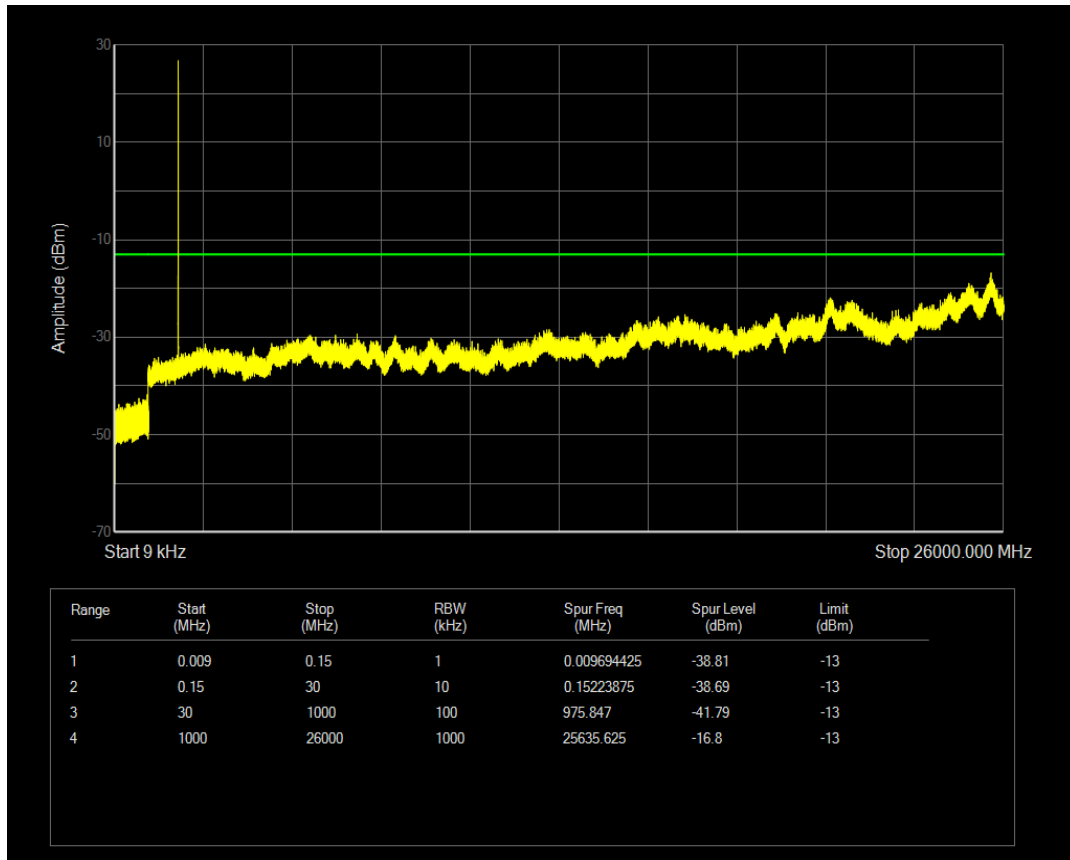
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



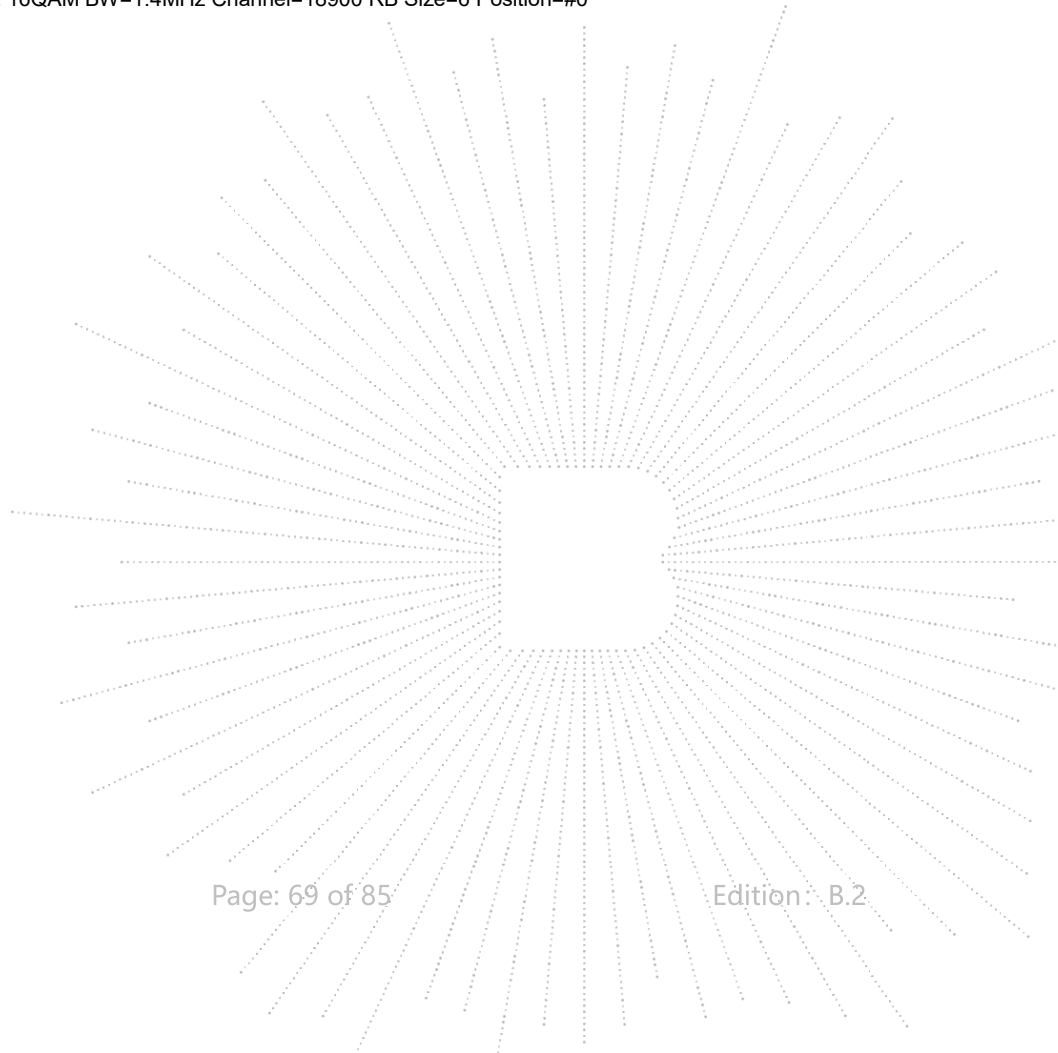
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0

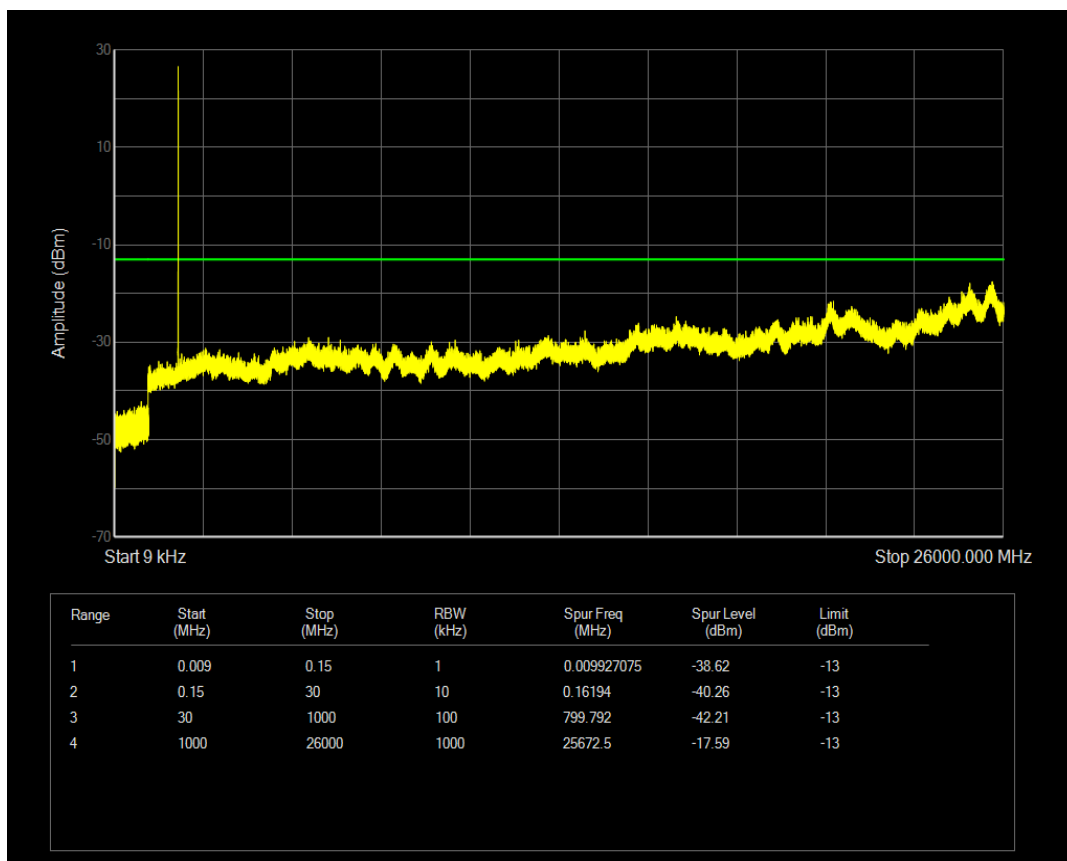


Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0

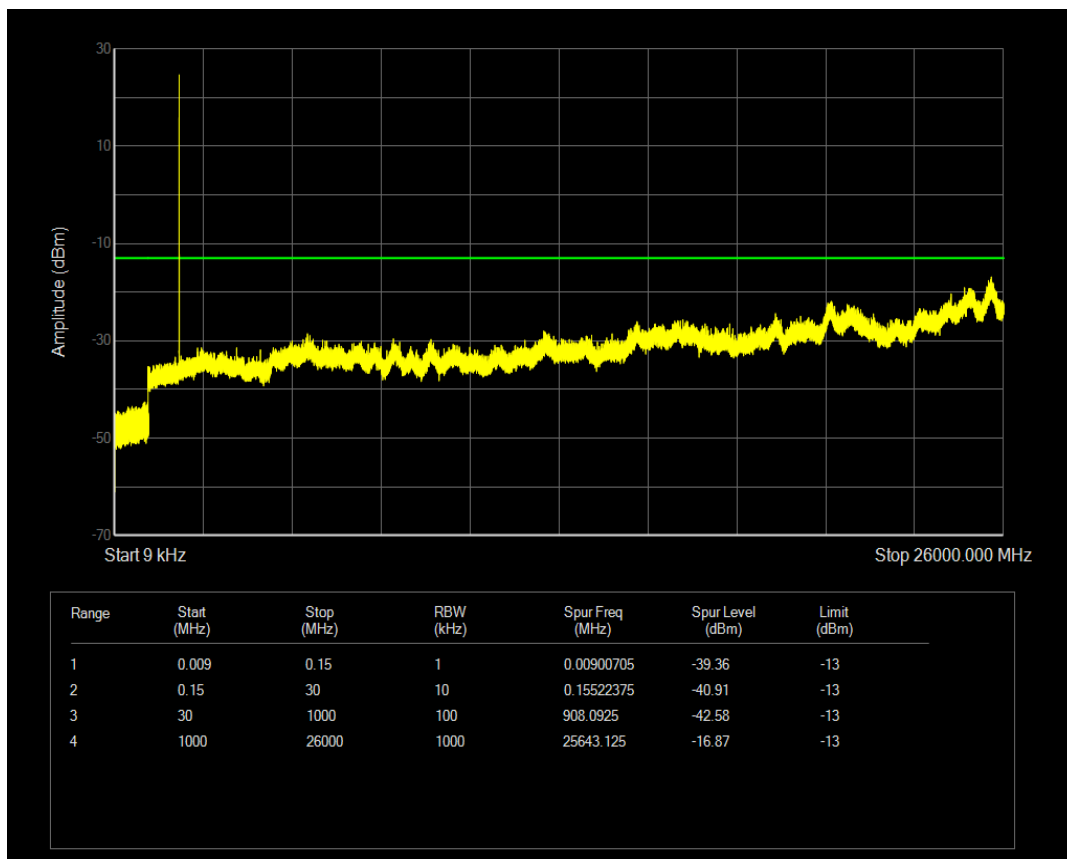


Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0

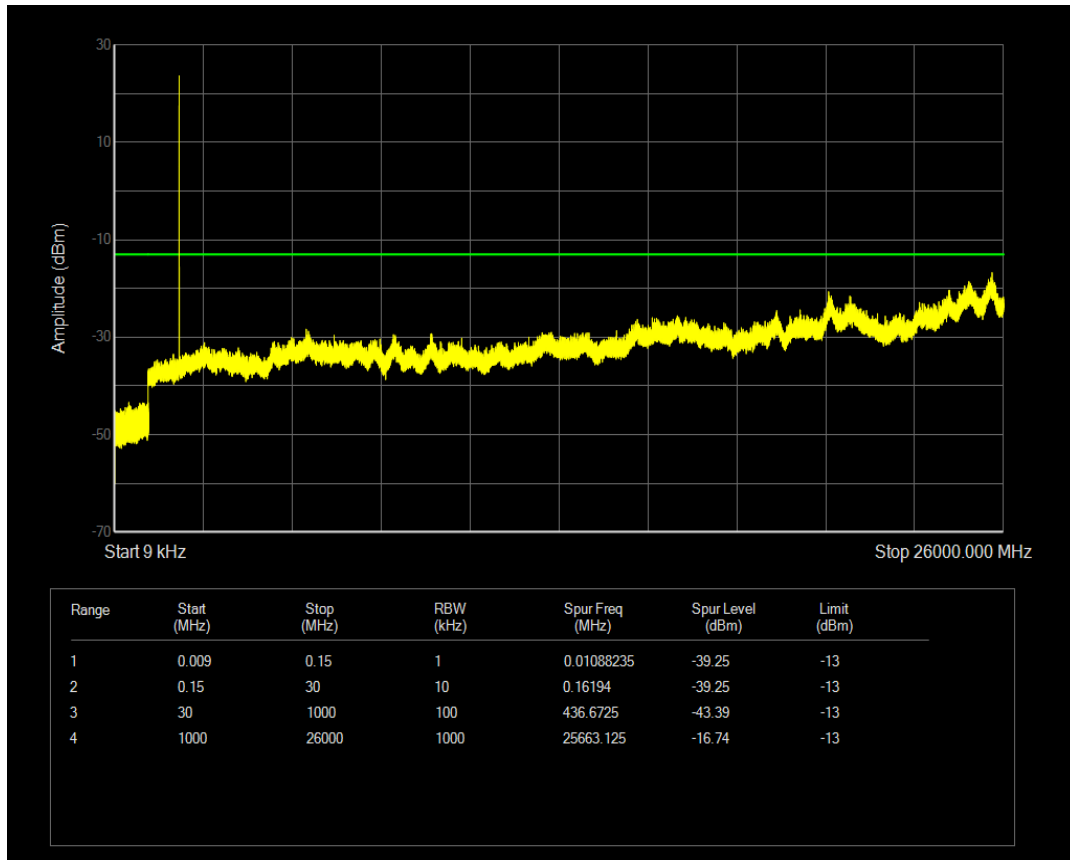




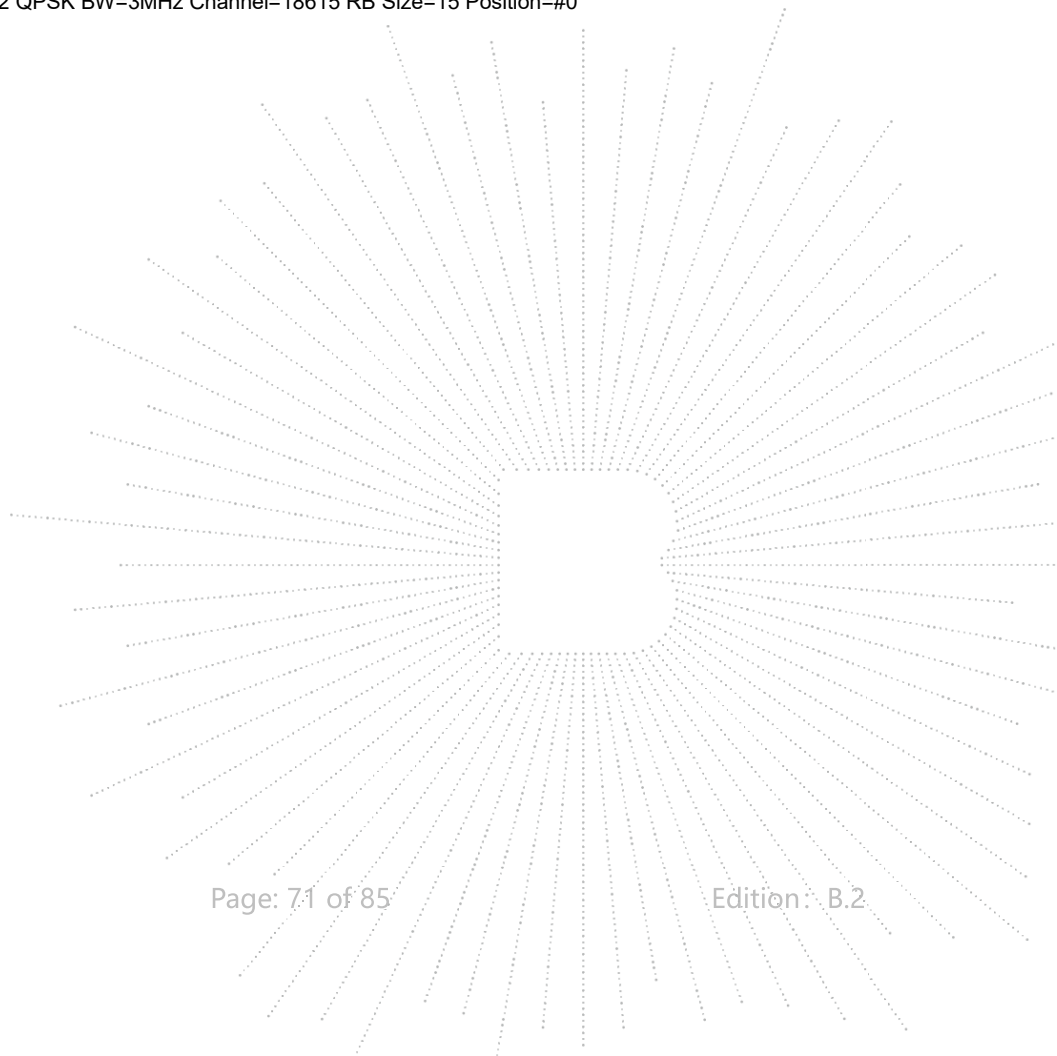
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0

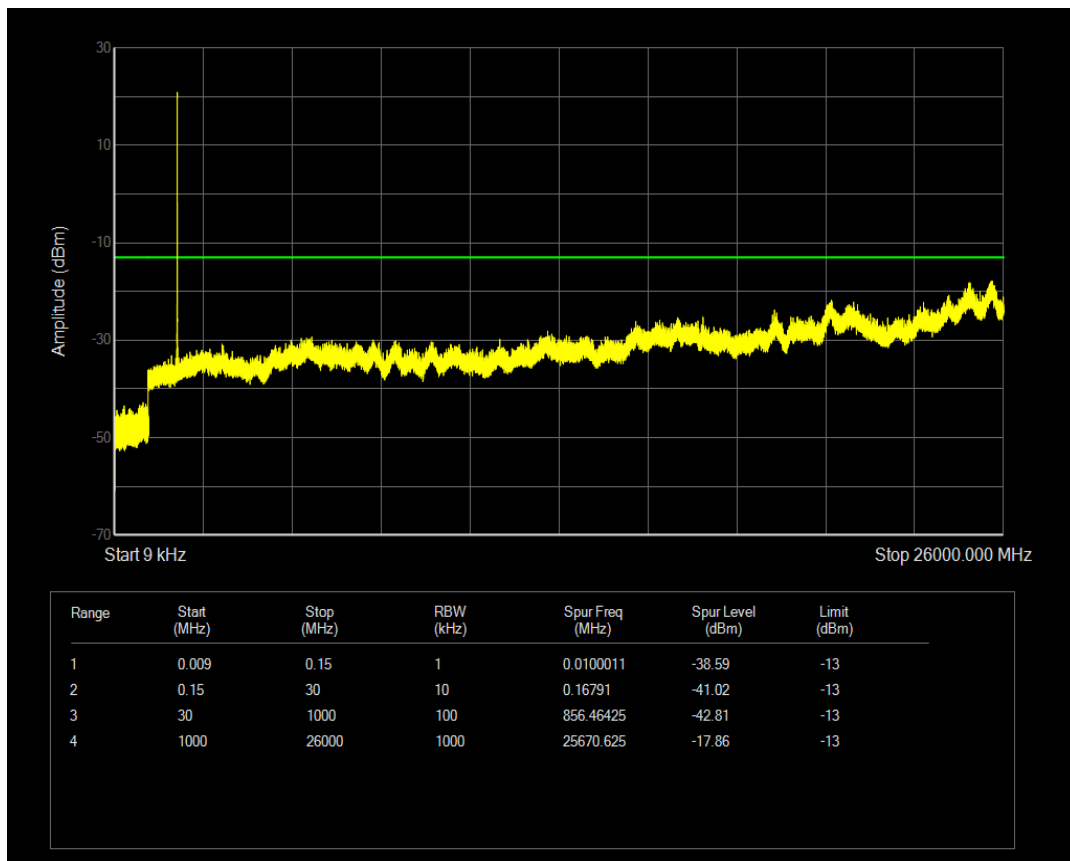


Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0

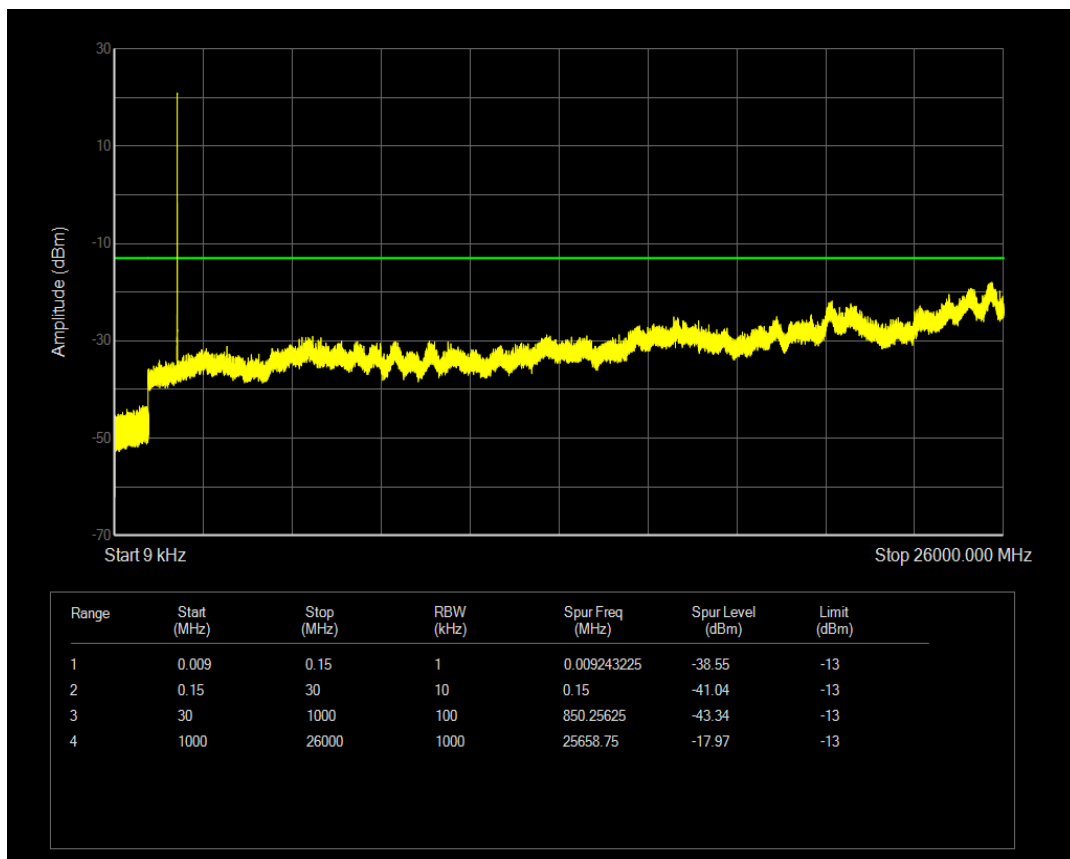


Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0

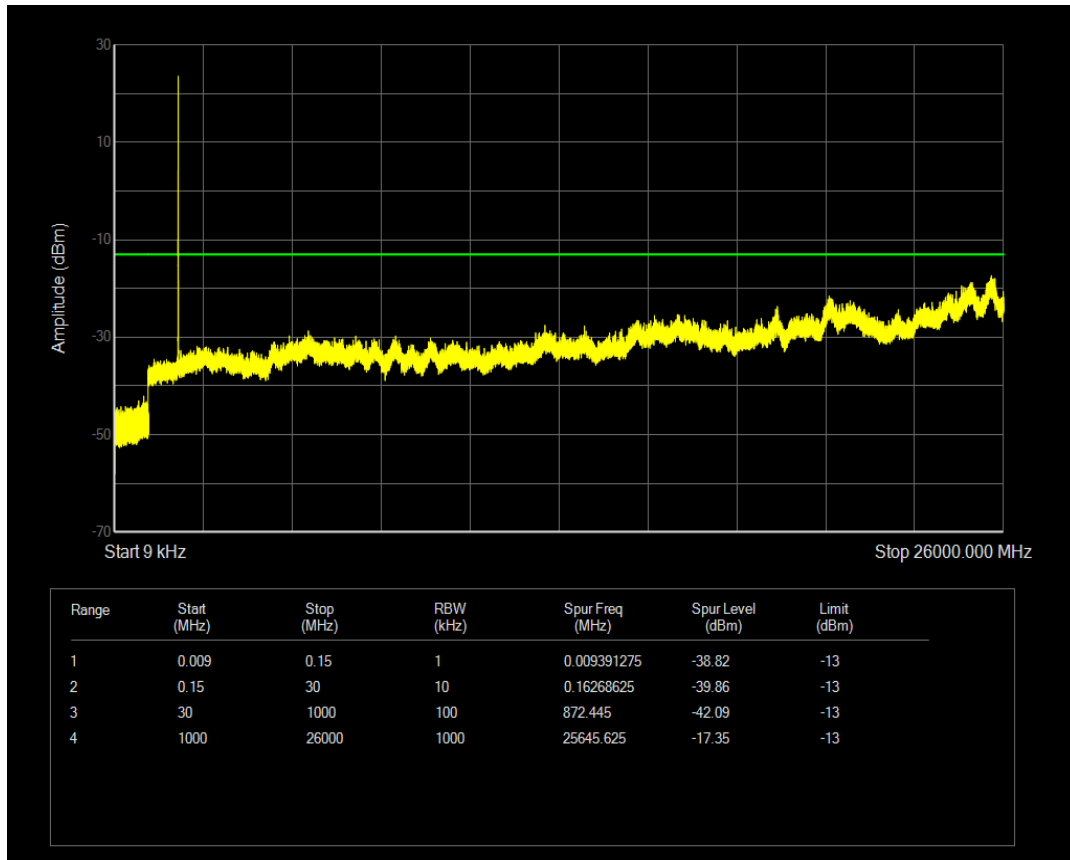




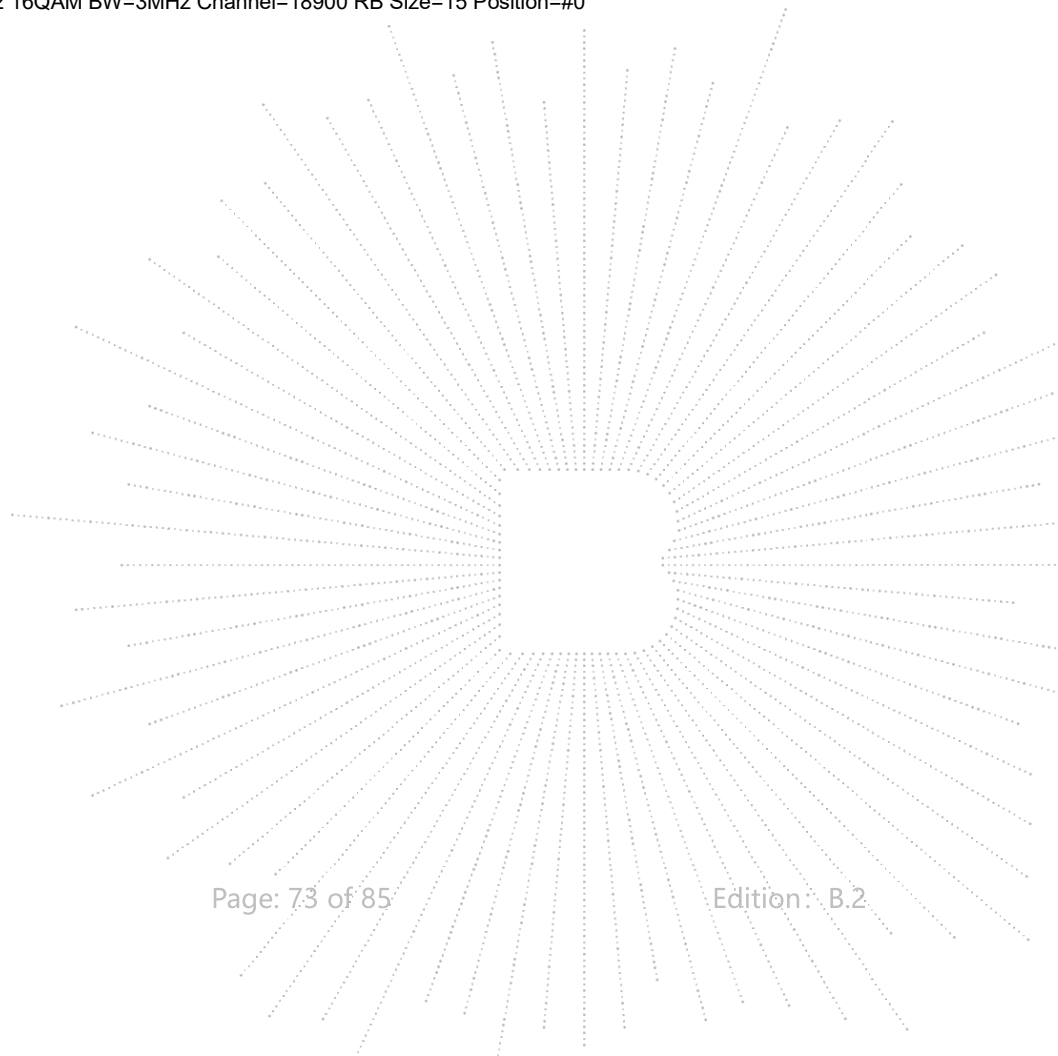
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0

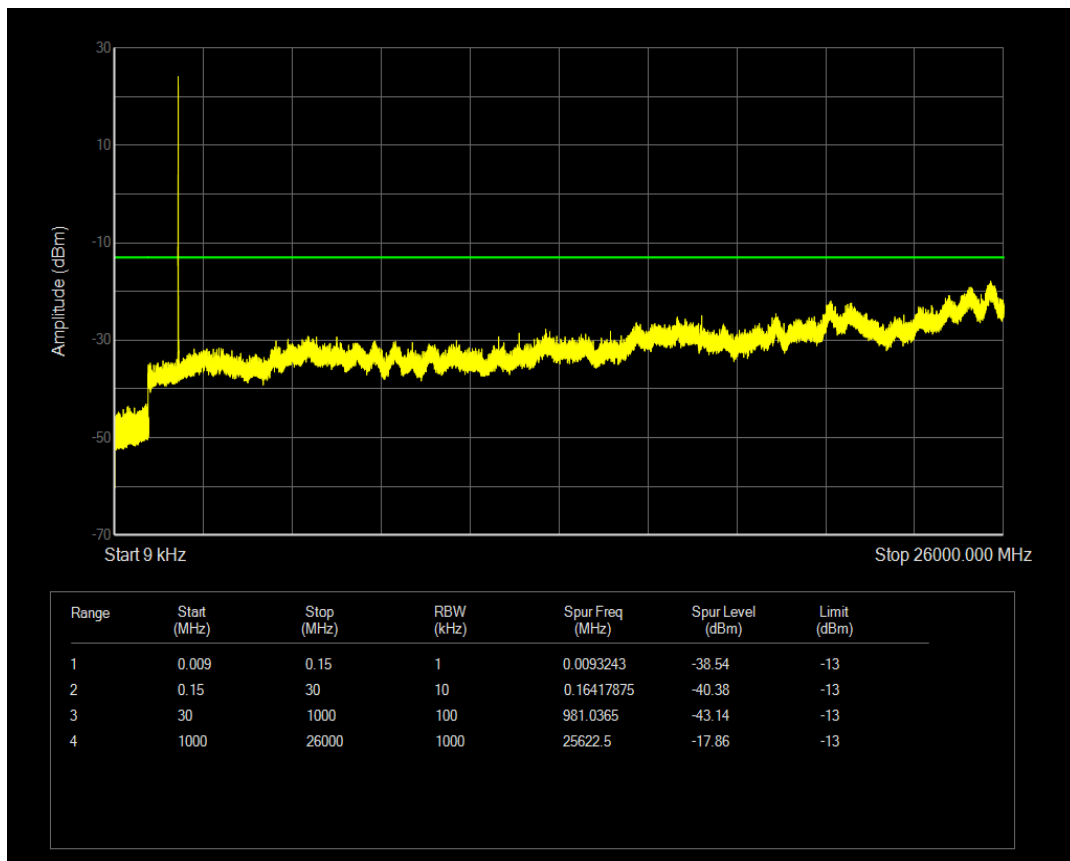


Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0

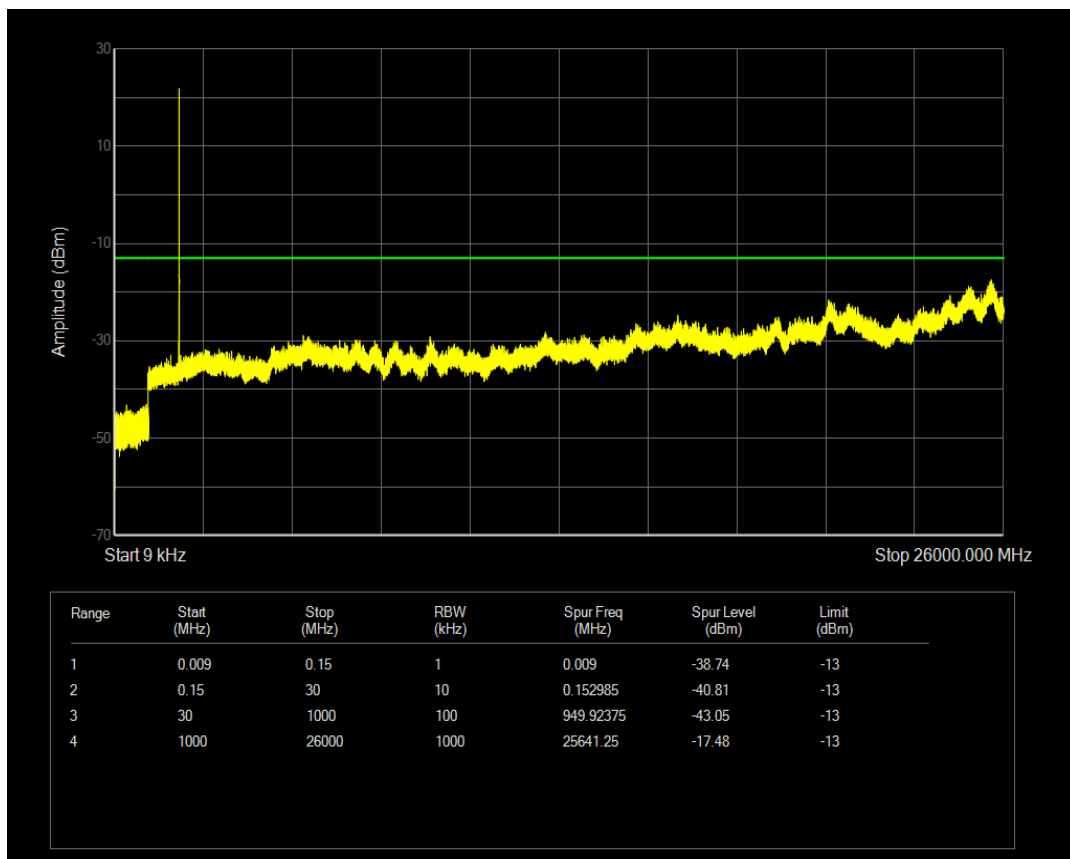


Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0

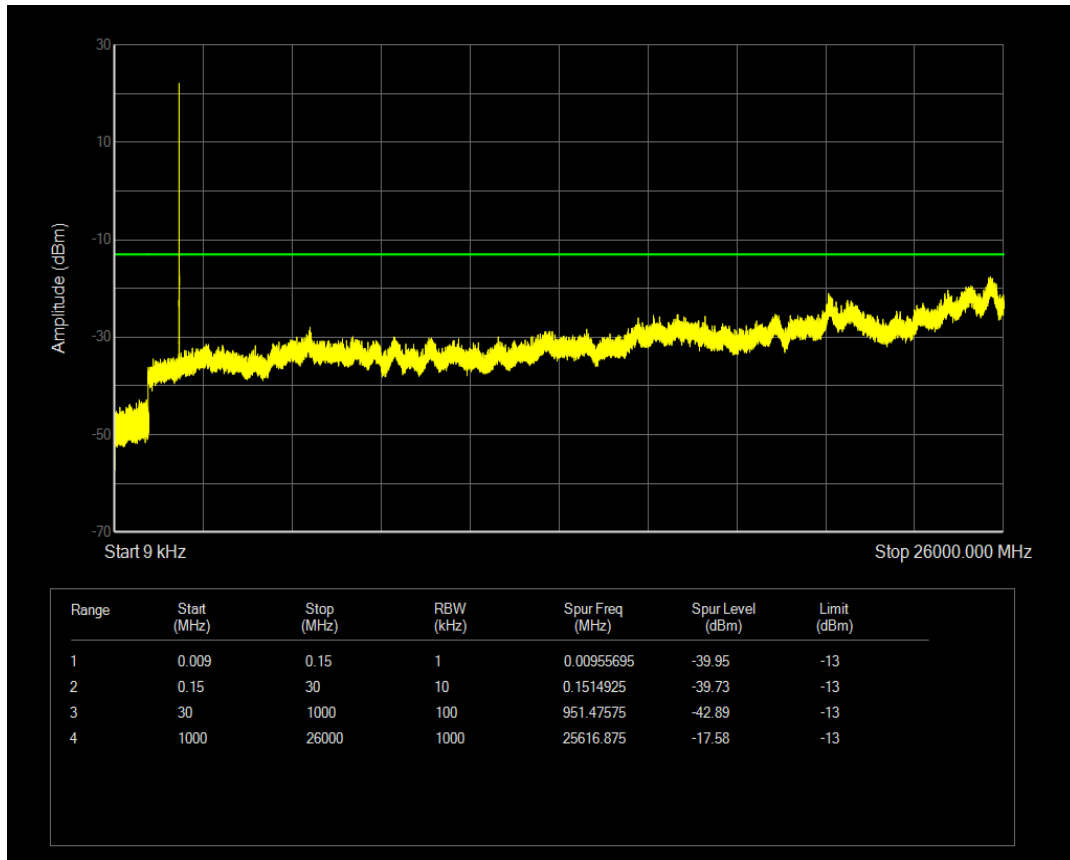




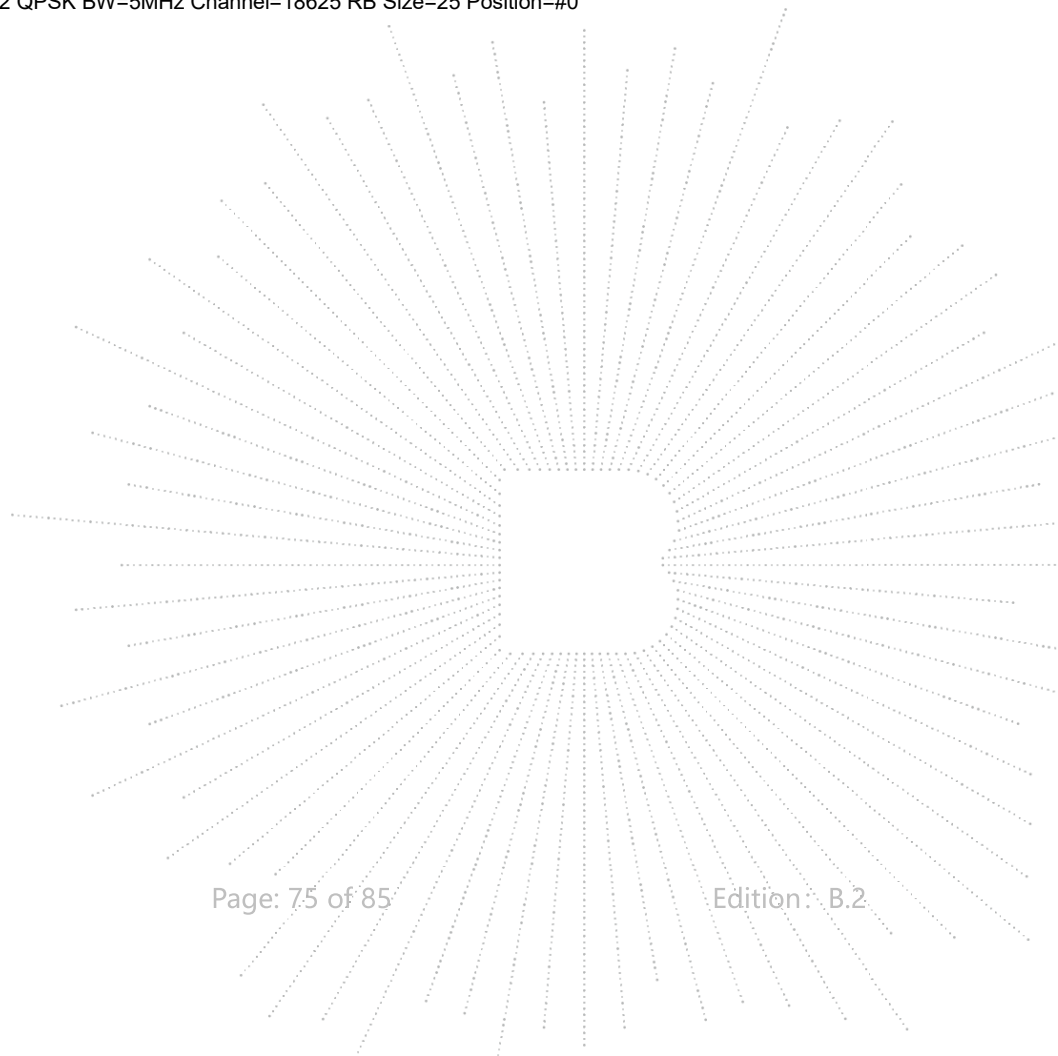
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0

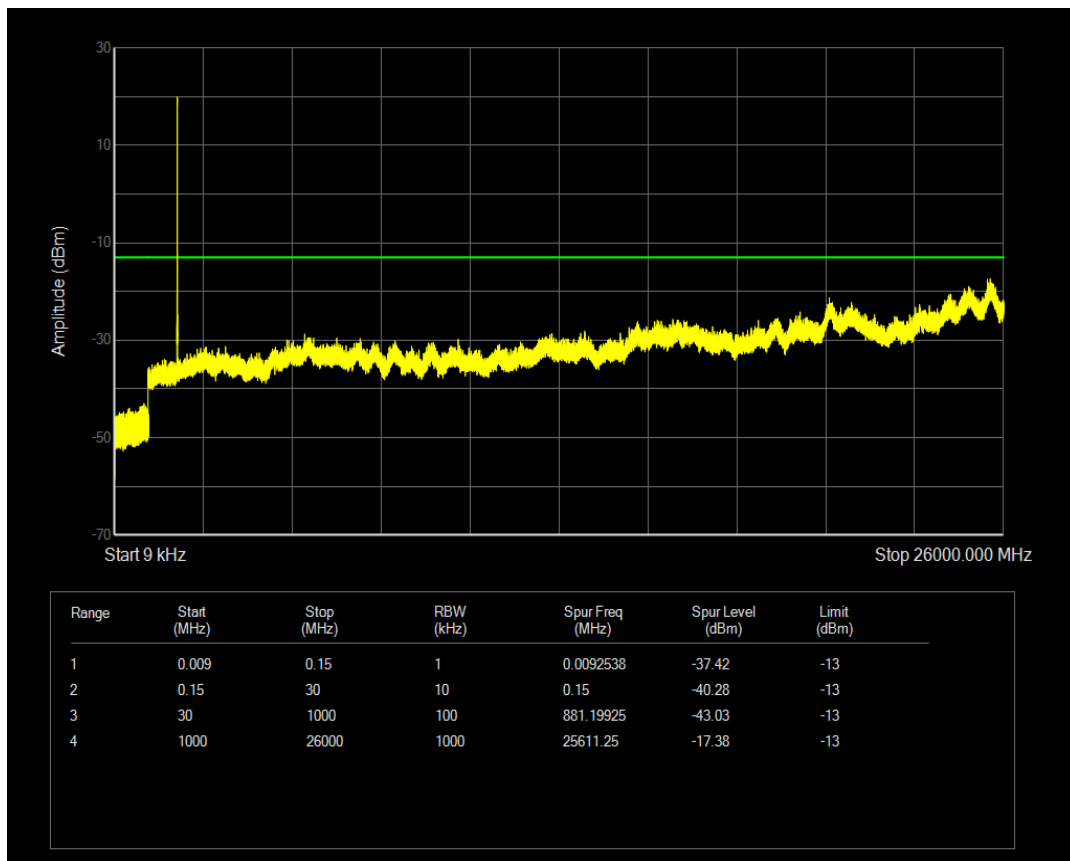


Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0

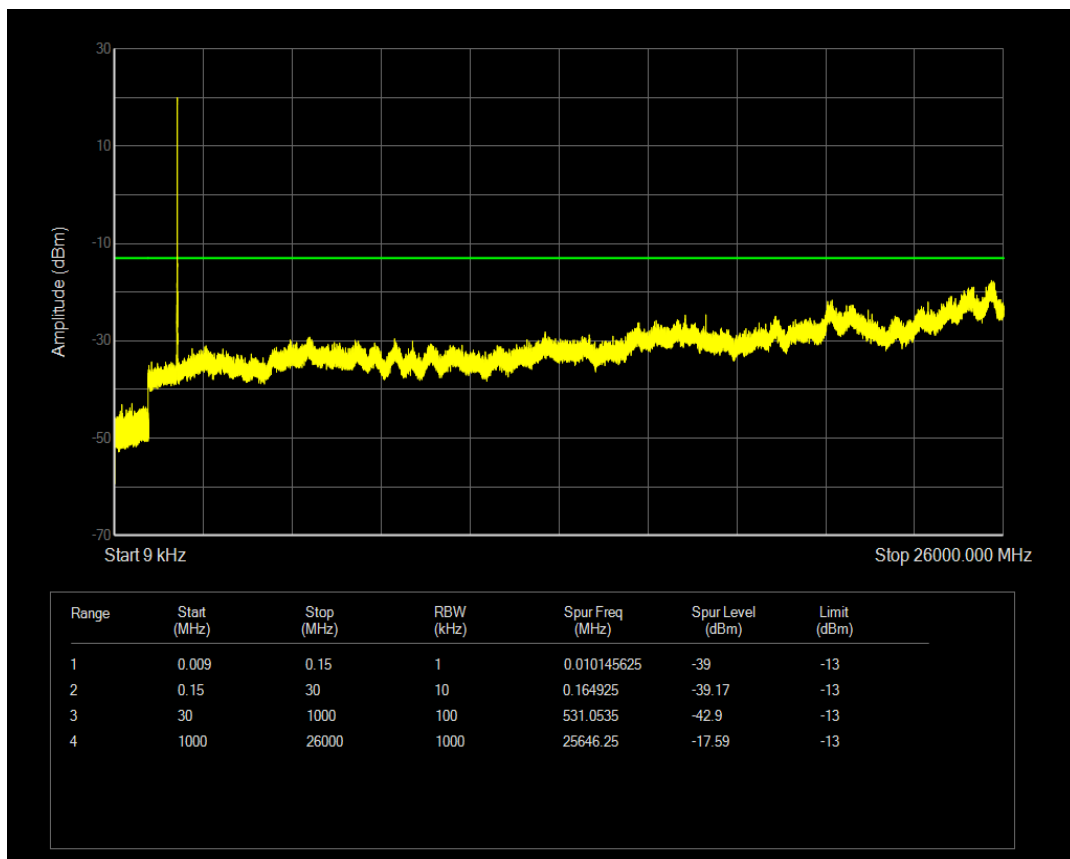


Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0

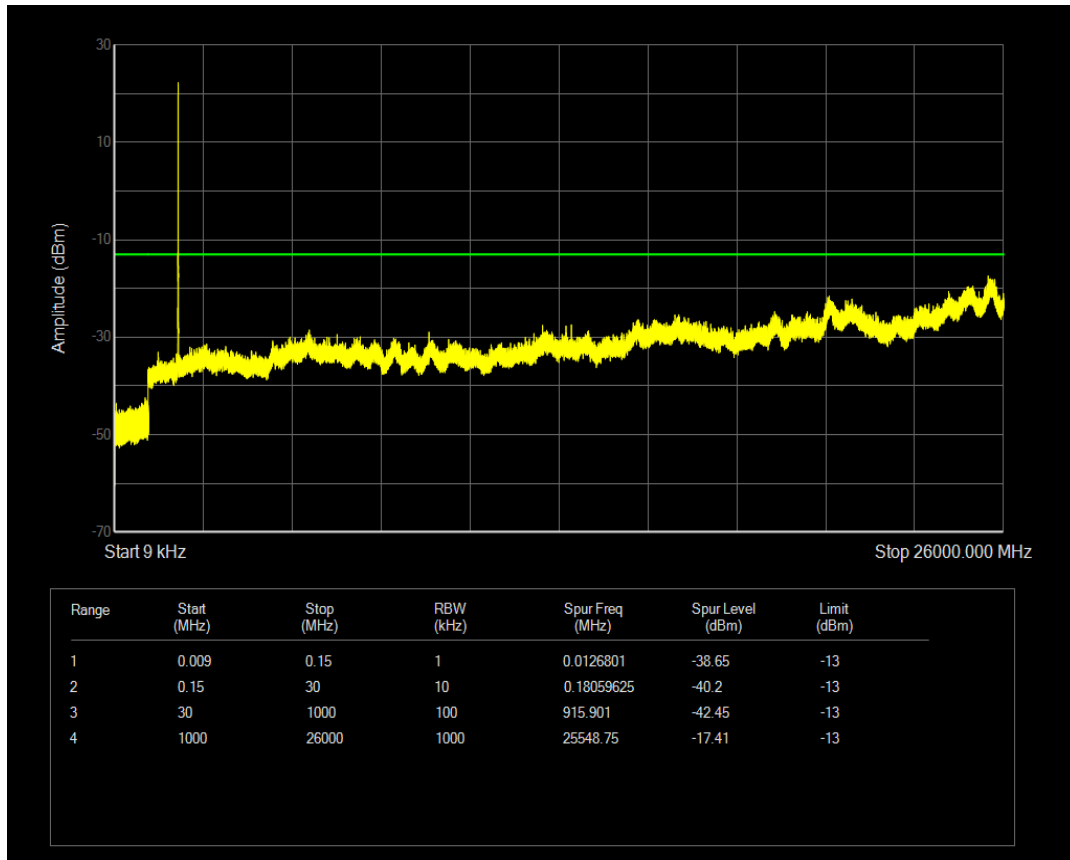




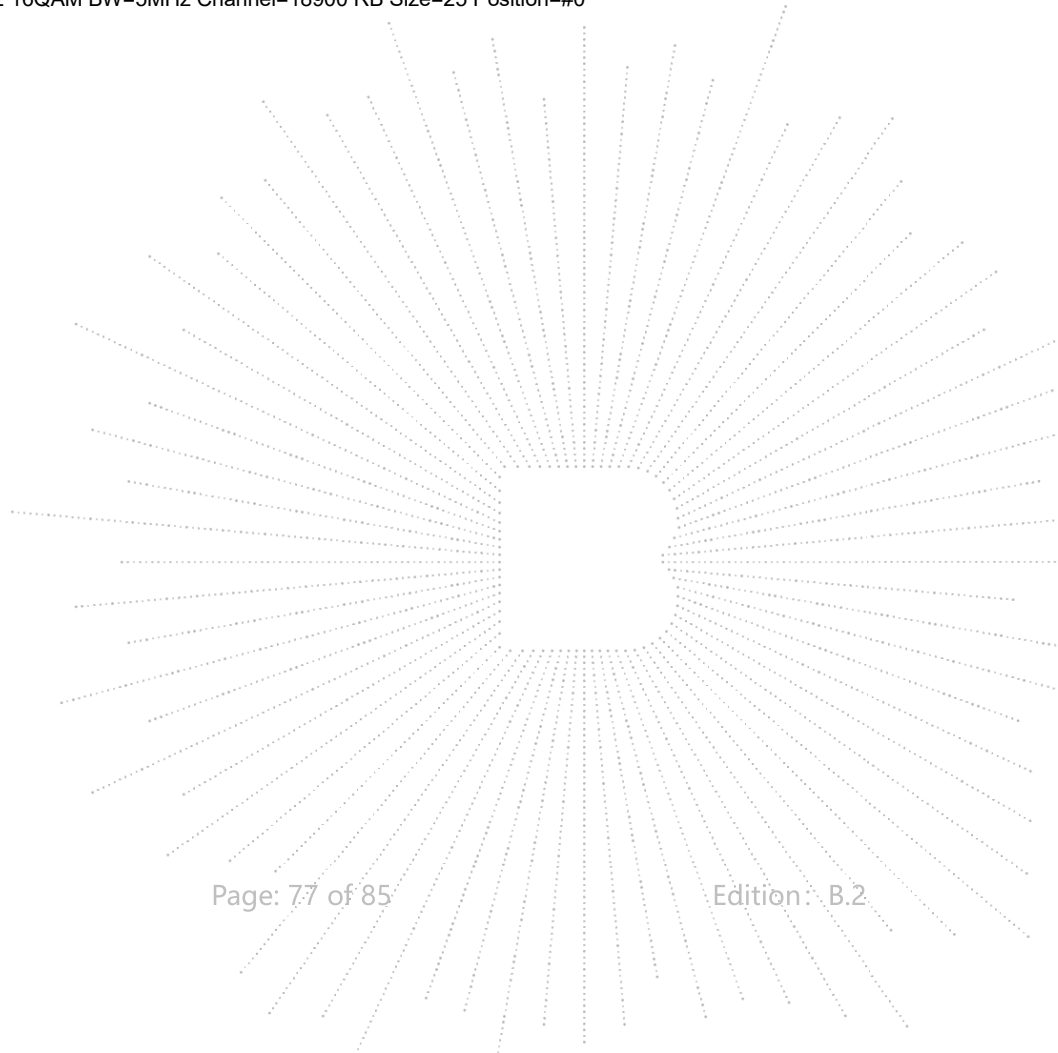
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0

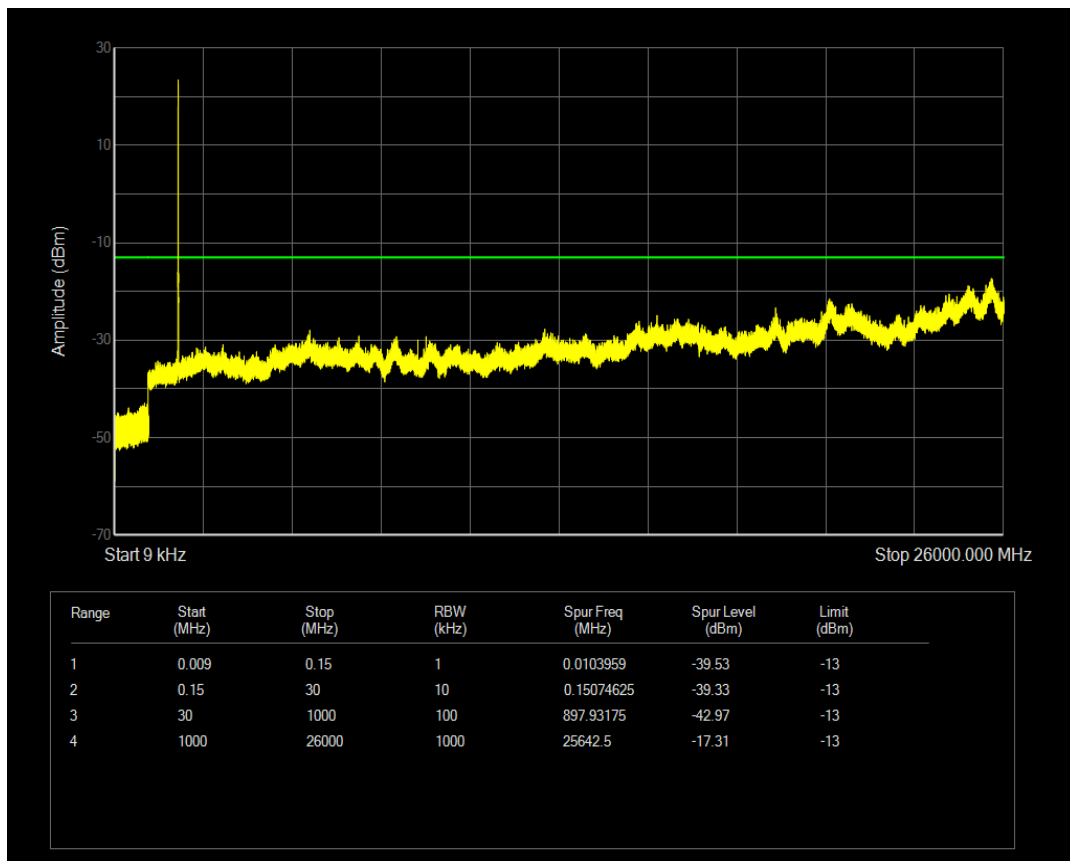


Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0

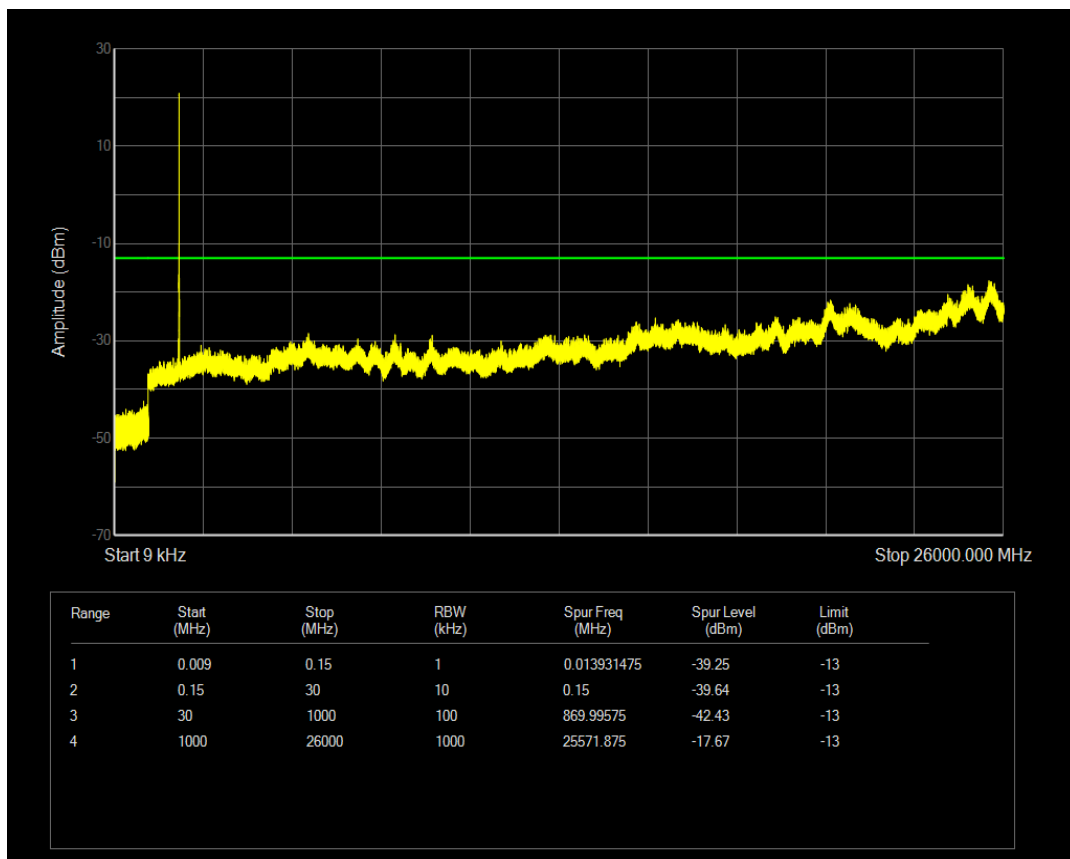


Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



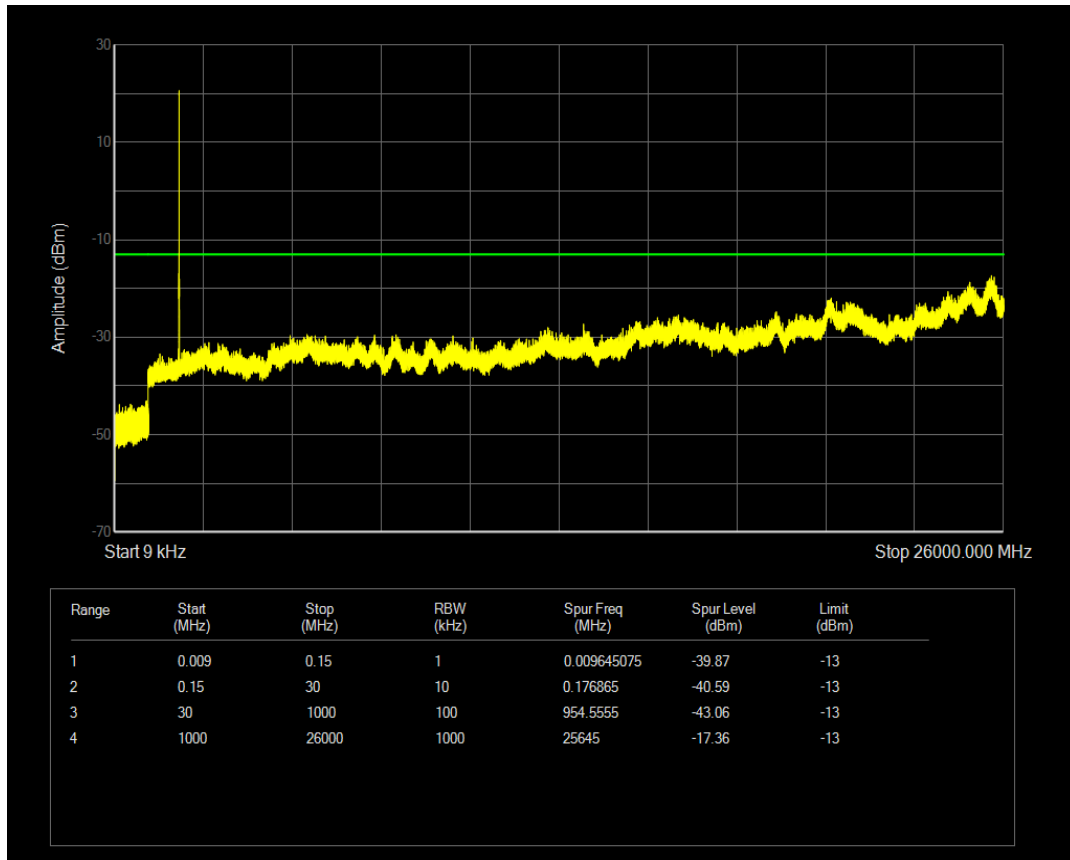


Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0

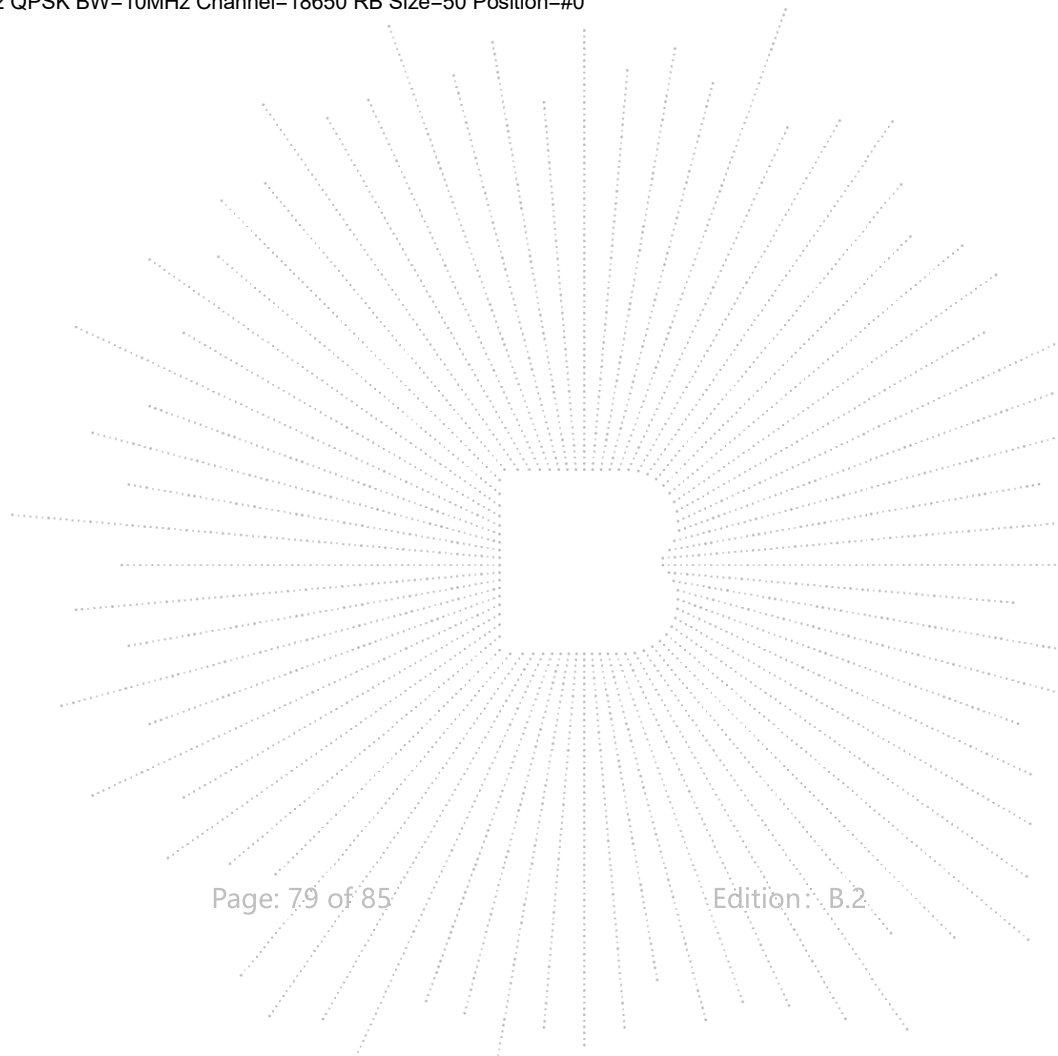


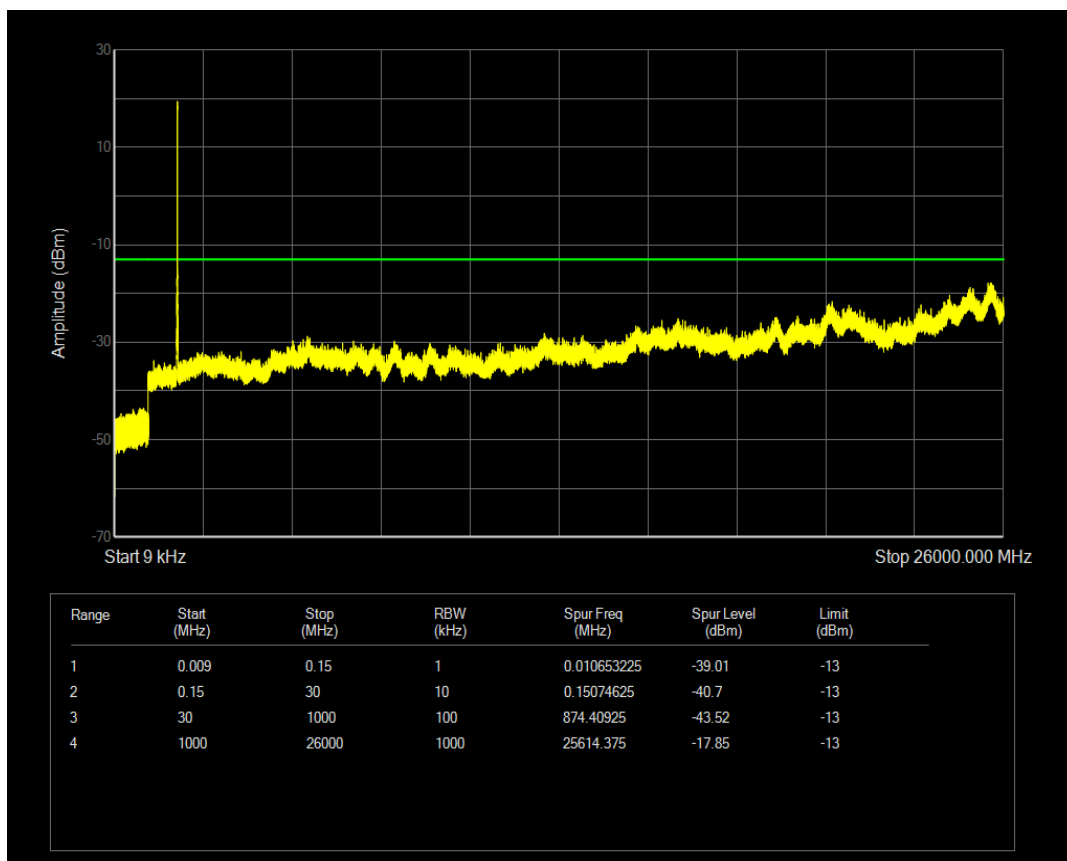


Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0

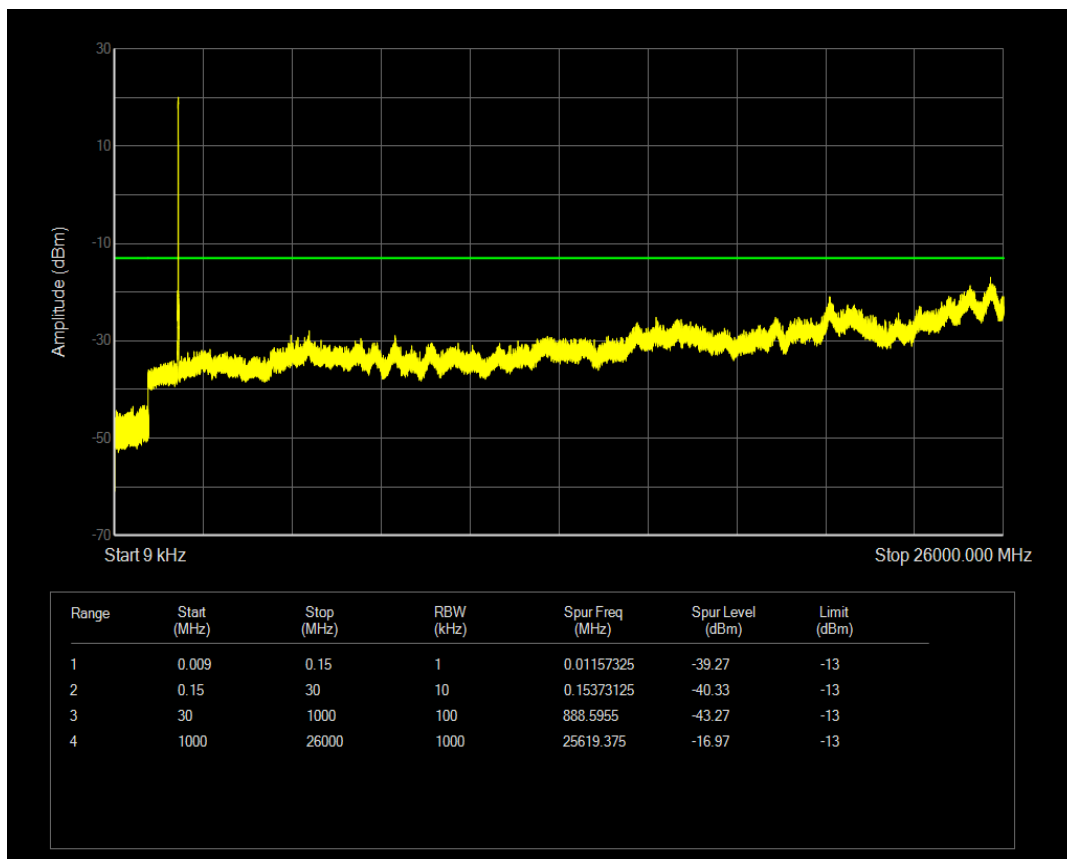


Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0

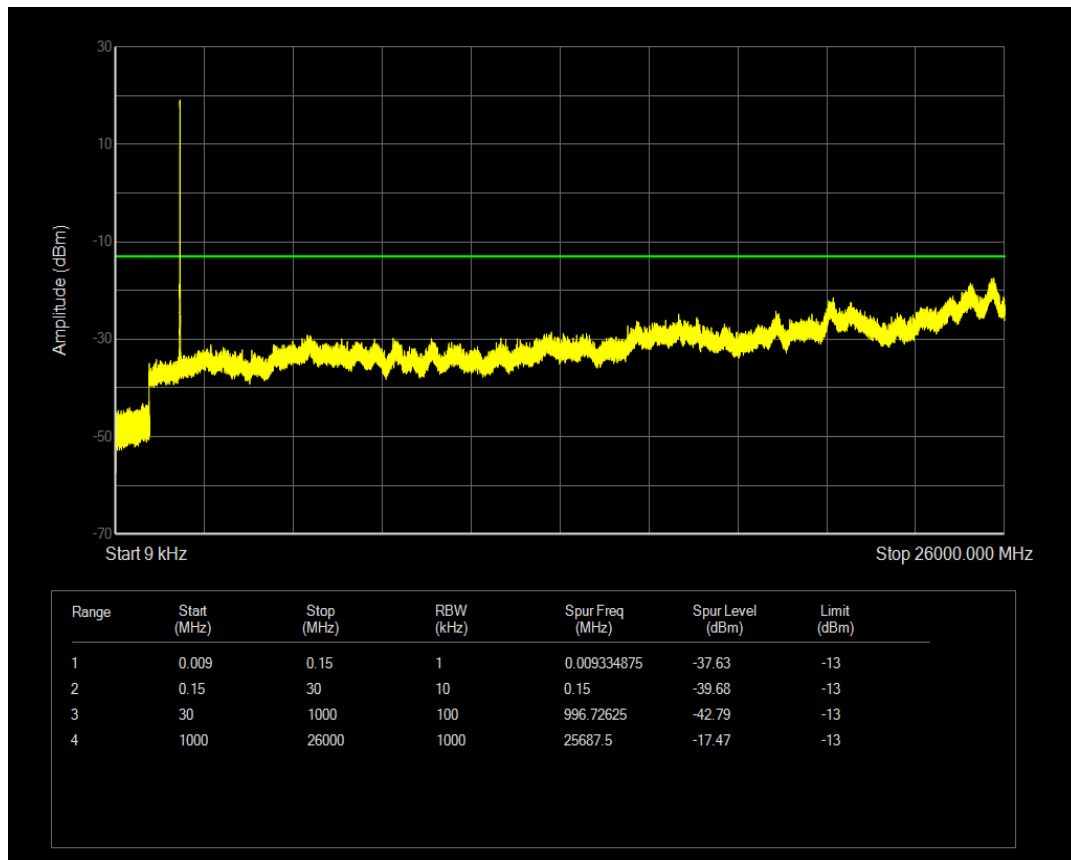




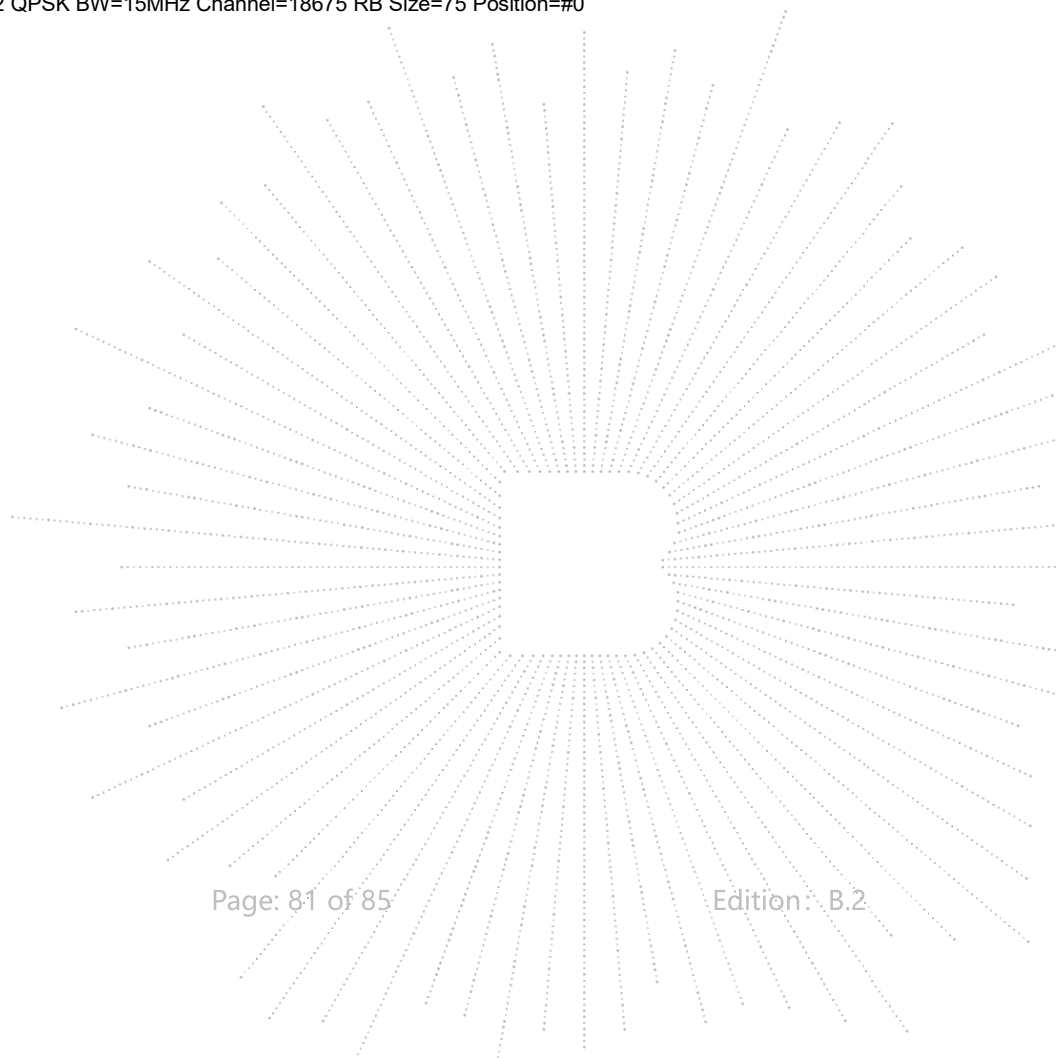
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0

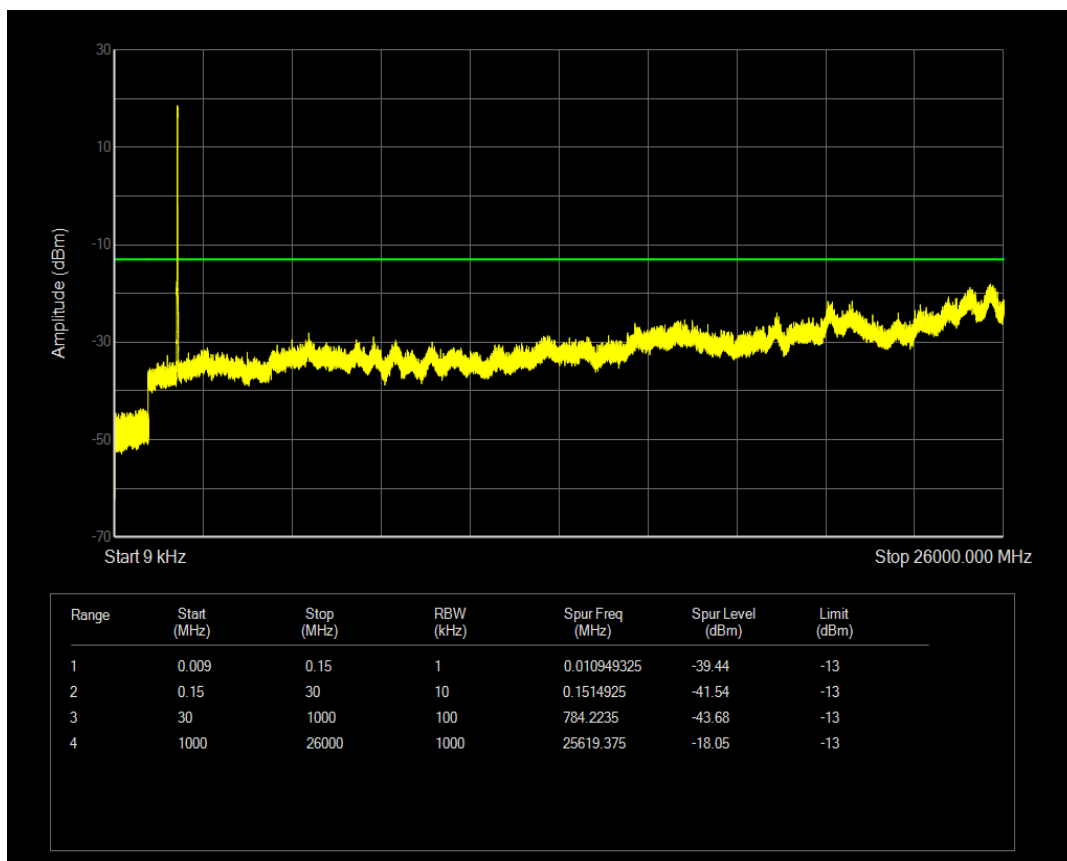


Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0

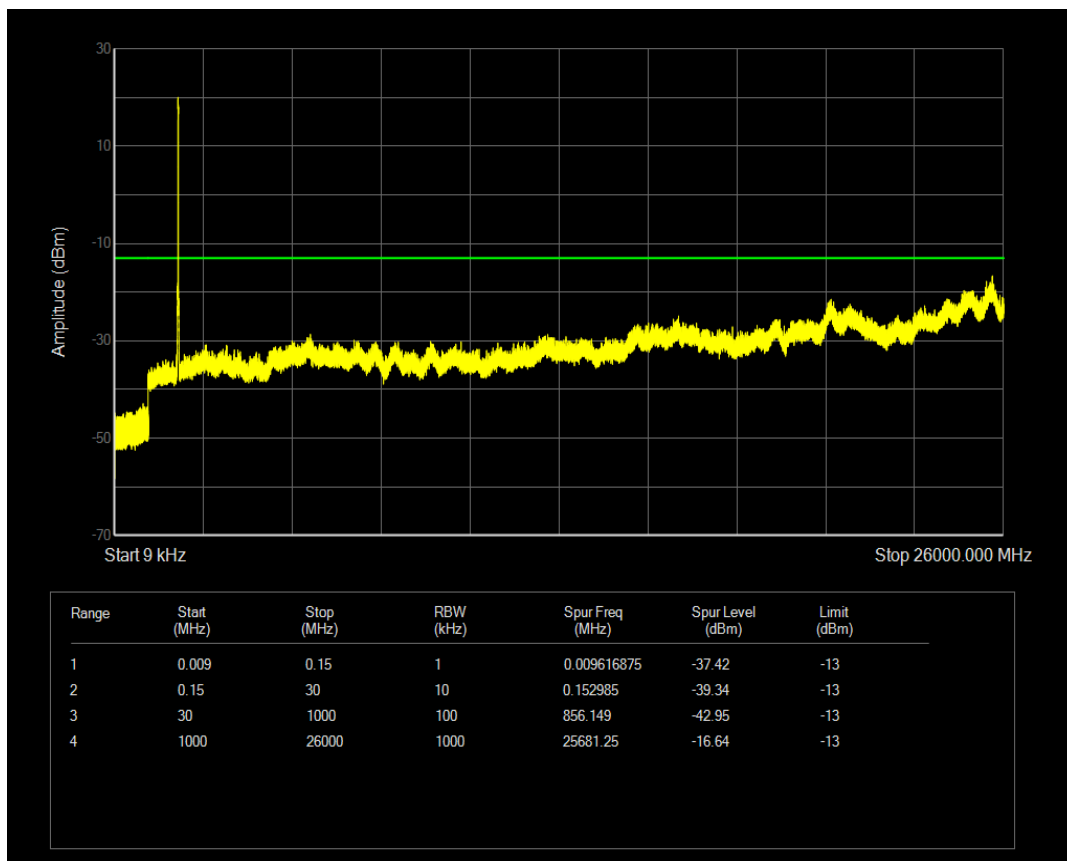


Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0

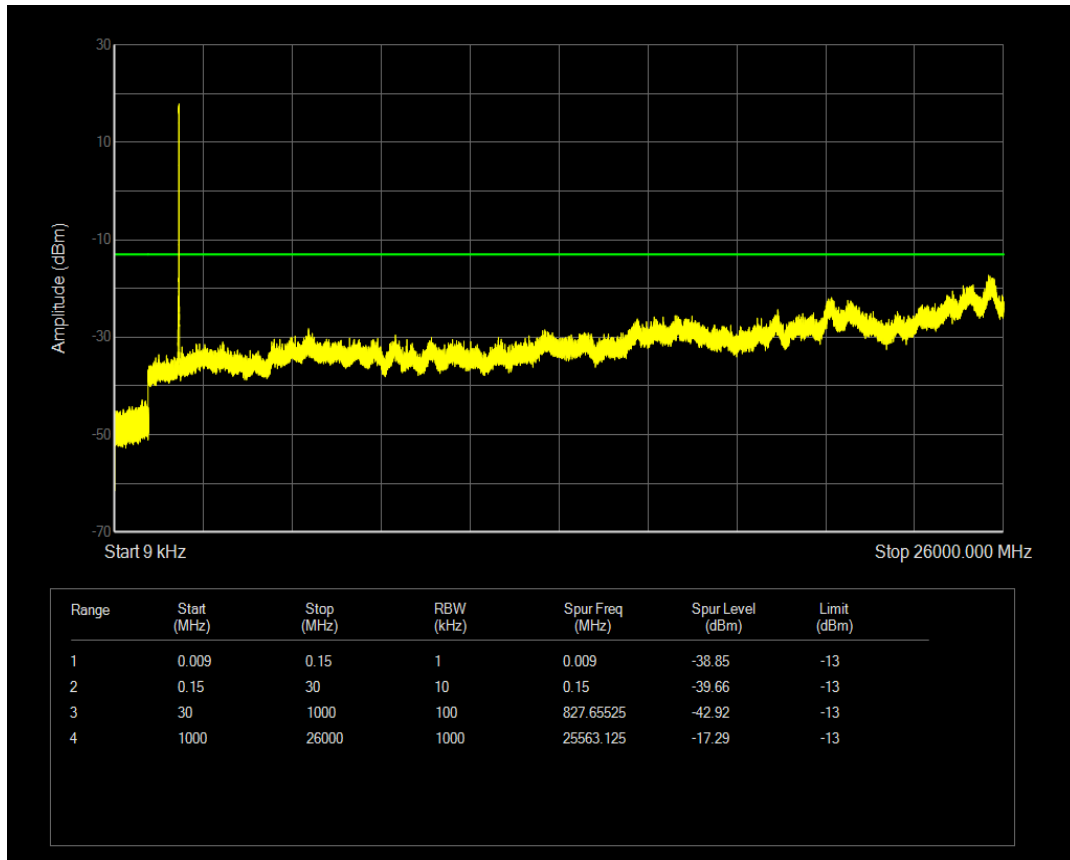




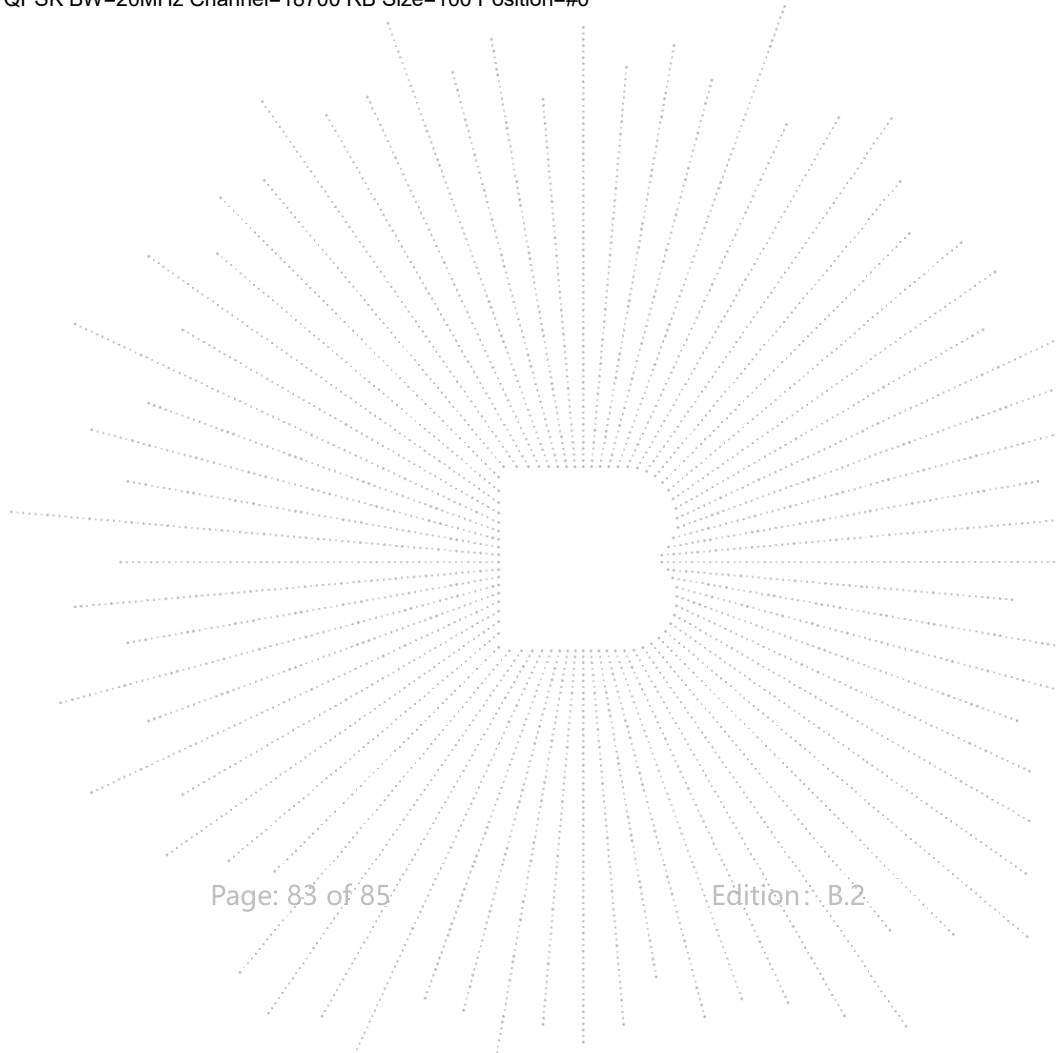
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0

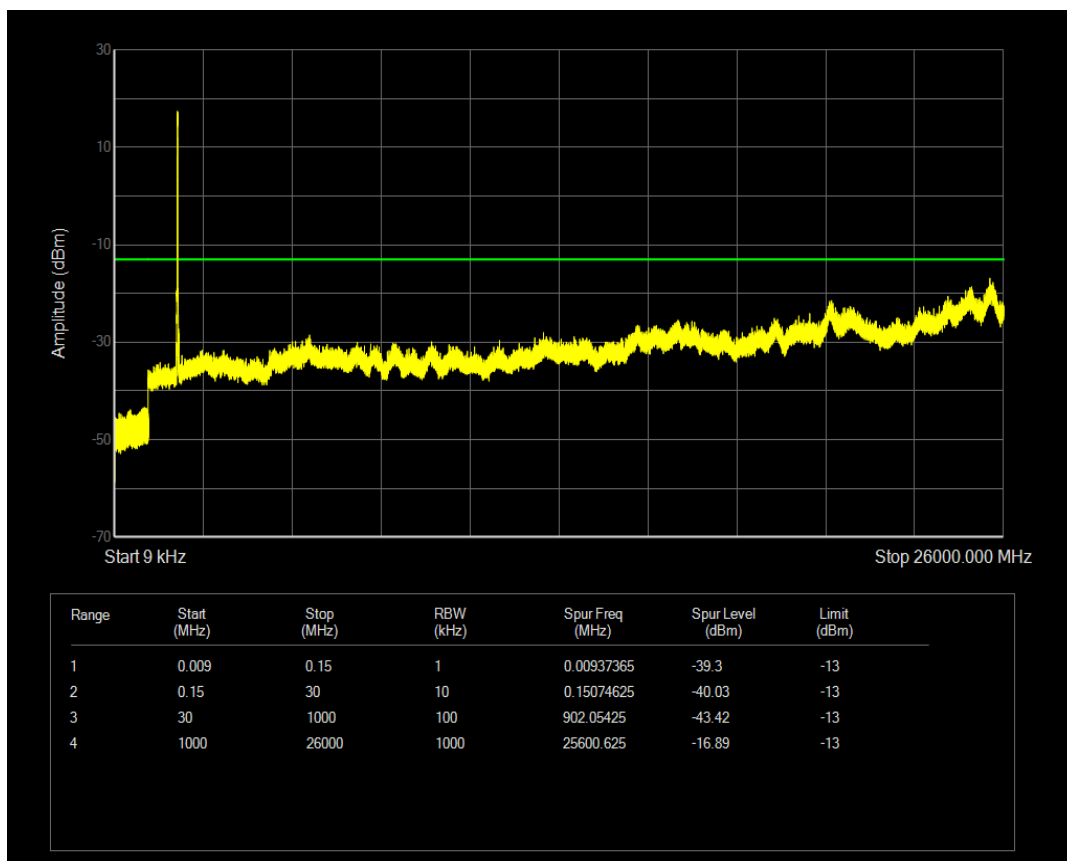


Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0

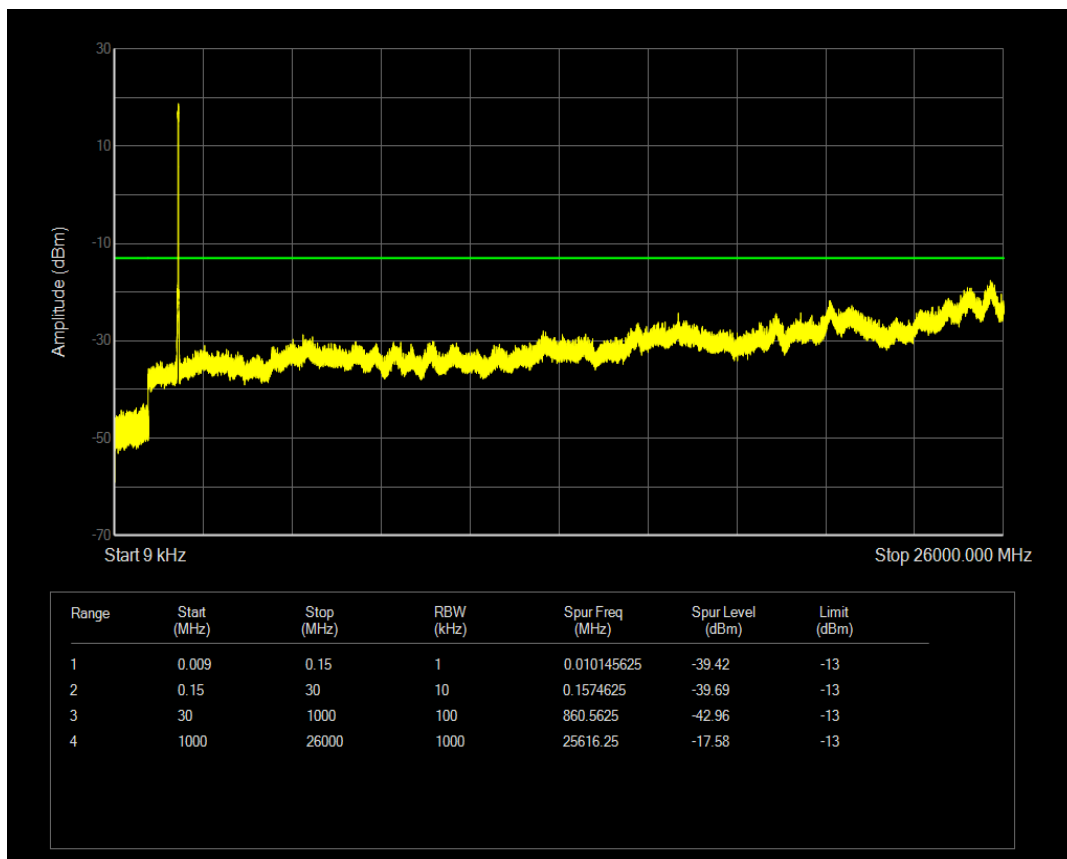


Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0





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





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

