

Appendix for Band 2

Report No.: BCTC2411367165-2E

Applicant: SEEWORLD Technology Co.,Ltd

Product Name: Gps Tracker

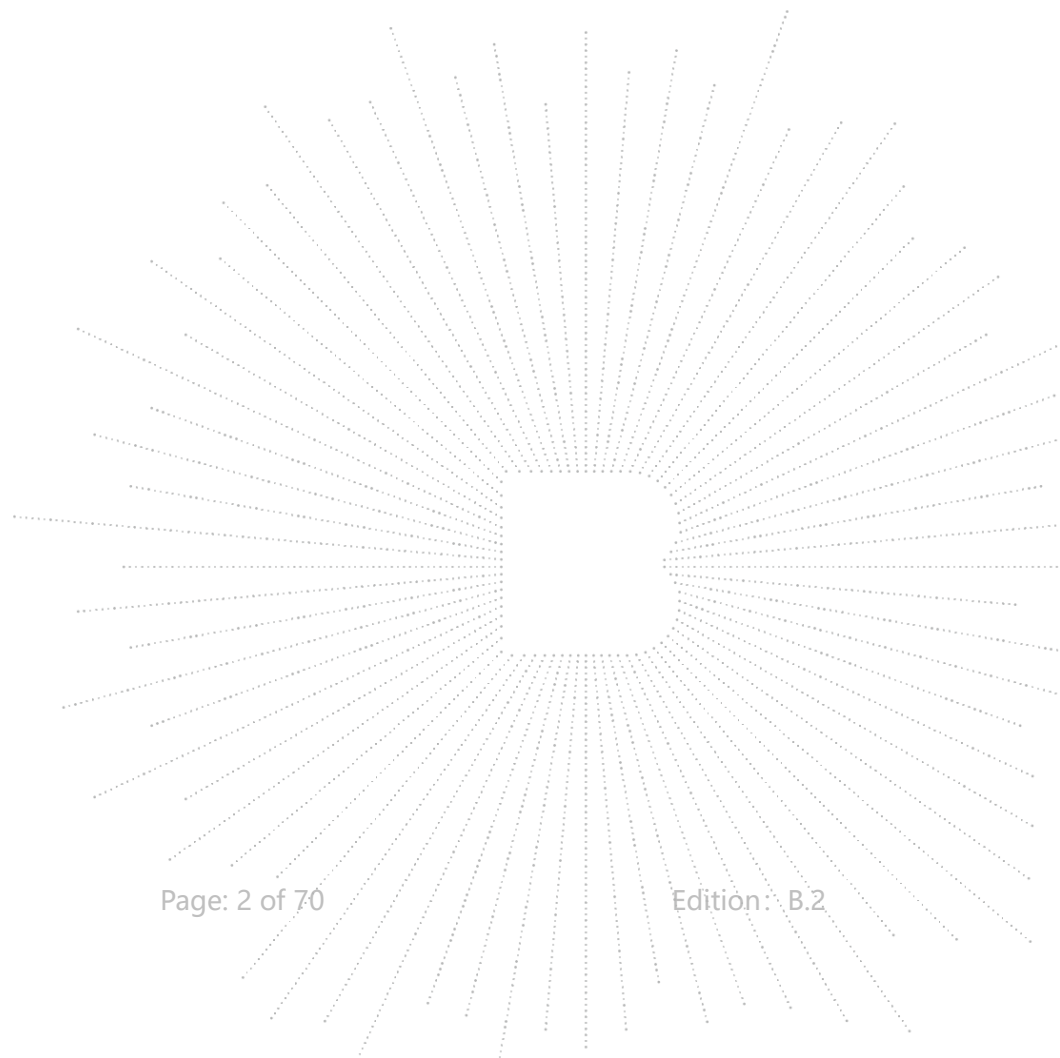
Test Model: G21L

Tested Date: 2024-11-20 to 2024-12-18

Shenzhen BCTC Testing Co., Ltd.

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

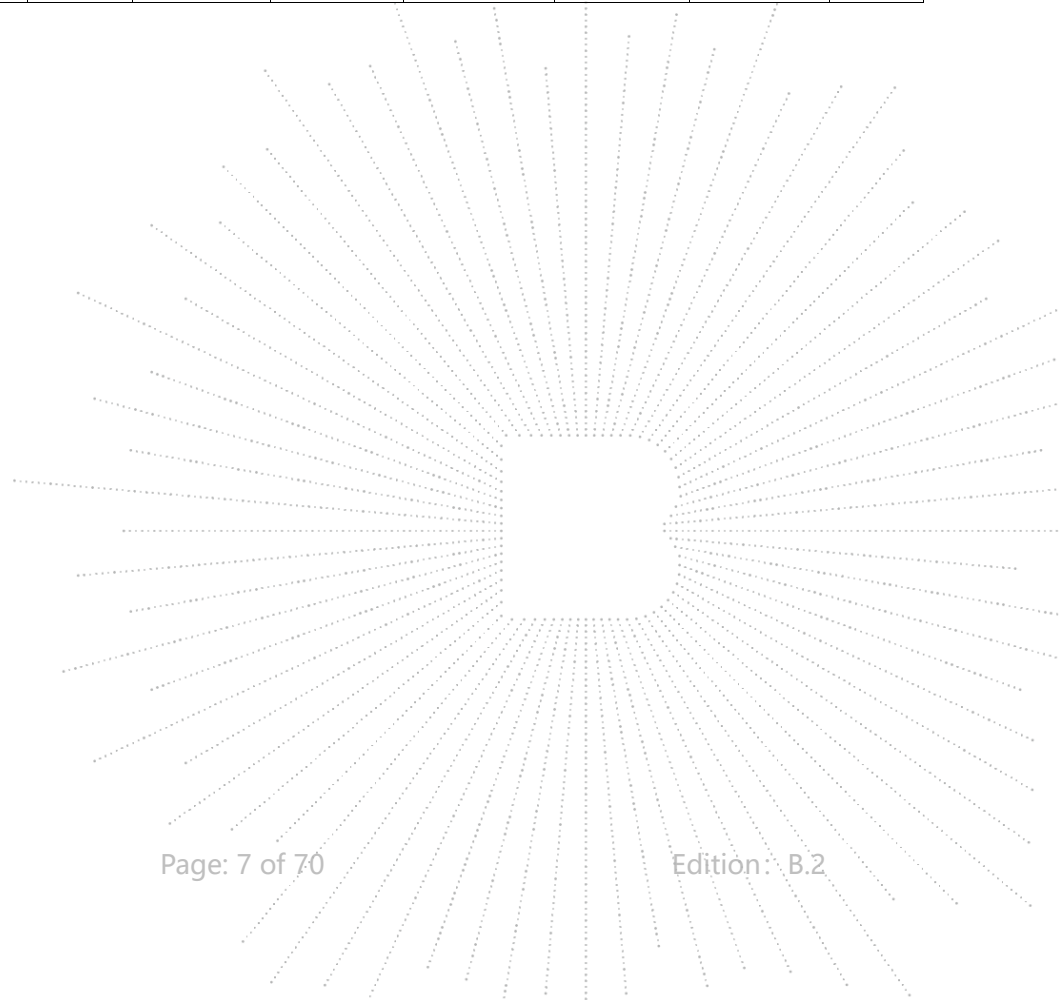
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	21.82	0.17	21.99	PASS
Band2	1.4	18607	1	#Mid	QPSK	21.88	0.17	22.05	PASS
Band2	1.4	18607	1	#Max	QPSK	21.82	0.17	21.99	PASS
Band2	1.4	18607	3	#0	QPSK	21.61	0.17	21.78	PASS
Band2	1.4	18607	3	#Mid	QPSK	21.60	0.17	21.77	PASS
Band2	1.4	18607	3	#Max	QPSK	21.65	0.17	21.82	PASS
Band2	1.4	18607	6	#0	QPSK	20.29	0.17	20.46	PASS
Band2	1.4	18607	1	#0	16QAM	20.56	0.17	20.73	PASS
Band2	1.4	18607	1	#Mid	16QAM	20.57	0.17	20.74	PASS
Band2	1.4	18607	1	#Max	16QAM	20.66	0.17	20.83	PASS
Band2	1.4	18607	3	#0	16QAM	20.57	0.17	20.74	PASS
Band2	1.4	18607	3	#Mid	16QAM	20.58	0.17	20.75	PASS
Band2	1.4	18607	3	#Max	16QAM	20.57	0.17	20.74	PASS
Band2	1.4	18607	6	#0	16QAM	19.40	0.17	19.57	PASS
Band2	1.4	18900	1	#0	QPSK	23.90	0.17	24.07	PASS
Band2	1.4	18900	1	#Mid	QPSK	23.85	0.17	24.02	PASS
Band2	1.4	18900	1	#Max	QPSK	23.68	0.17	23.85	PASS
Band2	1.4	18900	3	#0	QPSK	23.88	0.17	24.05	PASS
Band2	1.4	18900	3	#Mid	QPSK	23.82	0.17	23.99	PASS
Band2	1.4	18900	3	#Max	QPSK	23.74	0.17	23.91	PASS
Band2	1.4	18900	6	#0	QPSK	22.65	0.17	22.82	PASS
Band2	1.4	18900	1	#0	16QAM	22.99	0.17	23.16	PASS
Band2	1.4	18900	1	#Mid	16QAM	22.83	0.17	23.00	PASS
Band2	1.4	18900	1	#Max	16QAM	22.76	0.17	22.93	PASS
Band2	1.4	18900	3	#0	16QAM	22.95	0.17	23.12	PASS
Band2	1.4	18900	3	#Mid	16QAM	22.97	0.17	23.14	PASS
Band2	1.4	18900	3	#Max	16QAM	22.88	0.17	23.05	PASS
Band2	1.4	18900	6	#0	16QAM	21.80	0.17	21.97	PASS
Band2	1.4	19193	1	#0	QPSK	24.26	0.17	24.43	PASS
Band2	1.4	19193	1	#Mid	QPSK	24.12	0.17	24.29	PASS
Band2	1.4	19193	1	#Max	QPSK	24.01	0.17	24.18	PASS
Band2	1.4	19193	3	#0	QPSK	23.91	0.17	24.08	PASS
Band2	1.4	19193	3	#Mid	QPSK	23.91	0.17	24.08	PASS
Band2	1.4	19193	3	#Max	QPSK	23.88	0.17	24.05	PASS
Band2	1.4	19193	6	#0	QPSK	22.37	0.17	22.54	PASS
Band2	1.4	19193	1	#0	16QAM	22.35	0.17	22.52	PASS

Band2	1.4	19193	1	#Mid	16QAM	22.35	0.17	22.52	PASS
Band2	1.4	19193	1	#Max	16QAM	22.24	0.17	22.41	PASS
Band2	1.4	19193	3	#0	16QAM	22.61	0.17	22.78	PASS
Band2	1.4	19193	3	#Mid	16QAM	22.57	0.17	22.74	PASS
Band2	1.4	19193	3	#Max	16QAM	22.55	0.17	22.72	PASS
Band2	1.4	19193	6	#0	16QAM	21.33	0.17	21.50	PASS
Band2	3	18615	1	#0	QPSK	21.66	0.17	21.83	PASS
Band2	3	18615	1	#Mid	QPSK	21.80	0.17	21.97	PASS
Band2	3	18615	1	#Max	QPSK	21.88	0.17	22.05	PASS
Band2	3	18615	8	#0	QPSK	20.23	0.17	20.40	PASS
Band2	3	18615	8	#Mid	QPSK	20.31	0.17	20.48	PASS
Band2	3	18615	8	#Max	QPSK	20.36	0.17	20.53	PASS
Band2	3	18615	15	#0	QPSK	20.26	0.17	20.43	PASS
Band2	3	18615	1	#0	16QAM	20.63	0.17	20.80	PASS
Band2	3	18615	1	#Mid	16QAM	20.82	0.17	20.99	PASS
Band2	3	18615	1	#Max	16QAM	20.93	0.17	21.10	PASS
Band2	3	18615	8	#0	16QAM	19.19	0.17	19.36	PASS
Band2	3	18615	8	#Mid	16QAM	19.27	0.17	19.44	PASS
Band2	3	18615	8	#Max	16QAM	19.38	0.17	19.55	PASS
Band2	3	18615	15	#0	16QAM	19.27	0.17	19.44	PASS
Band2	3	18900	1	#0	QPSK	23.94	0.17	24.11	PASS
Band2	3	18900	1	#Mid	QPSK	23.78	0.17	23.95	PASS
Band2	3	18900	1	#Max	QPSK	23.53	0.17	23.70	PASS
Band2	3	18900	8	#0	QPSK	22.67	0.17	22.84	PASS
Band2	3	18900	8	#Mid	QPSK	22.59	0.17	22.76	PASS
Band2	3	18900	8	#Max	QPSK	22.44	0.17	22.61	PASS
Band2	3	18900	15	#0	QPSK	22.56	0.17	22.73	PASS
Band2	3	18900	1	#0	16QAM	22.90	0.17	23.07	PASS
Band2	3	18900	1	#Mid	16QAM	22.77	0.17	22.94	PASS
Band2	3	18900	1	#Max	16QAM	22.46	0.17	22.63	PASS
Band2	3	18900	8	#0	16QAM	21.69	0.17	21.86	PASS
Band2	3	18900	8	#Mid	16QAM	21.64	0.17	21.81	PASS
Band2	3	18900	8	#Max	16QAM	21.45	0.17	21.62	PASS
Band2	3	18900	15	#0	16QAM	21.57	0.17	21.74	PASS
Band2	3	19185	1	#0	QPSK	24.47	0.17	24.64	PASS
Band2	3	19185	1	#Mid	QPSK	24.22	0.17	24.39	PASS
Band2	3	19185	1	#Max	QPSK	24.05	0.17	24.22	PASS
Band2	3	19185	8	#0	QPSK	22.77	0.17	22.94	PASS
Band2	3	19185	8	#Mid	QPSK	22.73	0.17	22.90	PASS
Band2	3	19185	8	#Max	QPSK	22.52	0.17	22.69	PASS
Band2	3	19185	15	#0	QPSK	22.69	0.17	22.86	PASS
Band2	3	19185	1	#0	16QAM	22.75	0.17	22.92	PASS
Band2	3	19185	1	#Mid	16QAM	0.00	0.17	0.17	PASS

Band2	3	19185	1	#Max	16QAM	22.17	0.17	22.34	PASS
Band2	3	19185	8	#0	16QAM	21.56	0.17	21.73	PASS
Band2	3	19185	8	#Mid	16QAM	21.51	0.17	21.68	PASS
Band2	3	19185	8	#Max	16QAM	21.29	0.17	21.46	PASS
Band2	3	19185	15	#0	16QAM	21.53	0.17	21.70	PASS
Band2	5	18625	1	#0	QPSK	22.00	0.17	22.17	PASS
Band2	5	18625	1	#Mid	QPSK	22.04	0.17	22.21	PASS
Band2	5	18625	1	#Max	QPSK	22.61	0.17	22.78	PASS
Band2	5	18625	12	#0	QPSK	20.15	0.17	20.32	PASS
Band2	5	18625	12	#Mid	QPSK	20.43	0.17	20.60	PASS
Band2	5	18625	12	#Max	QPSK	20.67	0.17	20.84	PASS
Band2	5	18625	25	#0	QPSK	20.38	0.17	20.55	PASS
Band2	5	18625	1	#0	16QAM	20.99	0.17	21.16	PASS
Band2	5	18625	1	#Mid	16QAM	21.10	0.17	21.27	PASS
Band2	5	18625	1	#Max	16QAM	21.77	0.17	21.94	PASS
Band2	5	18625	12	#0	16QAM	19.18	0.17	19.35	PASS
Band2	5	18625	12	#Mid	16QAM	19.42	0.17	19.59	PASS
Band2	5	18625	12	#Max	16QAM	19.61	0.17	19.78	PASS
Band2	5	18625	25	#0	16QAM	19.33	0.17	19.50	PASS
Band2	5	18900	1	#0	QPSK	24.31	0.17	24.48	PASS
Band2	5	18900	1	#Mid	QPSK	23.82	0.17	23.99	PASS
Band2	5	18900	1	#Max	QPSK	23.71	0.17	23.88	PASS
Band2	5	18900	12	#0	QPSK	22.66	0.17	22.83	PASS
Band2	5	18900	12	#Mid	QPSK	22.55	0.17	22.72	PASS
Band2	5	18900	12	#Max	QPSK	22.22	0.17	22.39	PASS
Band2	5	18900	25	#0	QPSK	22.49	0.17	22.66	PASS
Band2	5	18900	1	#0	16QAM	23.31	0.17	23.48	PASS
Band2	5	18900	1	#Mid	16QAM	22.86	0.17	23.03	PASS
Band2	5	18900	1	#Max	16QAM	22.64	0.17	22.81	PASS
Band2	5	18900	12	#0	16QAM	21.69	0.17	21.86	PASS
Band2	5	18900	12	#Mid	16QAM	21.58	0.17	21.75	PASS
Band2	5	18900	12	#Max	16QAM	21.25	0.17	21.42	PASS
Band2	5	18900	25	#0	16QAM	21.56	0.17	21.73	PASS
Band2	5	19175	1	#0	QPSK	24.86	0.17	25.03	PASS
Band2	5	19175	1	#Mid	QPSK	24.27	0.17	24.44	PASS
Band2	5	19175	1	#Max	QPSK	24.08	0.17	24.25	PASS
Band2	5	19175	12	#0	QPSK	23.09	0.17	23.26	PASS
Band2	5	19175	12	#Mid	QPSK	23.01	0.17	23.18	PASS
Band2	5	19175	12	#Max	QPSK	22.55	0.17	22.72	PASS
Band2	5	19175	25	#0	QPSK	22.91	0.17	23.08	PASS
Band2	5	19175	1	#0	16QAM	23.66	0.17	23.83	PASS
Band2	5	19175	1	#Mid	16QAM	23.16	0.17	23.33	PASS
Band2	5	19175	1	#Max	16QAM	22.82	0.17	22.99	PASS

Band2	5	19175	12	#0	16QAM	21.91	0.17	22.08	PASS
Band2	5	19175	12	#Mid	16QAM	21.81	0.17	21.98	PASS
Band2	5	19175	12	#Max	16QAM	21.30	0.17	21.47	PASS
Band2	5	19175	25	#0	16QAM	21.68	0.17	21.85	PASS
Band2	10	18650	1	#0	QPSK	22.06	0.17	22.23	PASS
Band2	10	18650	1	#Mid	QPSK	22.41	0.17	22.58	PASS
Band2	10	18650	1	#Max	QPSK	24.06	0.17	24.23	PASS
Band2	10	18650	25	#0	QPSK	20.16	0.17	20.33	PASS
Band2	10	18650	25	#Mid	QPSK	20.83	0.17	21.00	PASS
Band2	10	18650	25	#Max	QPSK	21.30	0.17	21.47	PASS
Band2	10	18650	50	#0	QPSK	20.79	0.17	20.96	PASS
Band2	10	18900	1	#0	QPSK	24.65	0.17	24.82	PASS
Band2	10	18900	1	#Mid	QPSK	23.65	0.17	23.82	PASS
Band2	10	18900	1	#Max	QPSK	23.50	0.17	23.67	PASS
Band2	10	18900	25	#0	QPSK	22.57	0.17	22.74	PASS
Band2	10	18900	25	#Mid	QPSK	22.33	0.17	22.50	PASS
Band2	10	18900	25	#Max	QPSK	21.88	0.17	22.05	PASS
Band2	10	18900	50	#0	QPSK	22.23	0.17	22.40	PASS
Band2	10	19150	1	#0	QPSK	24.57	0.17	24.74	PASS
Band2	10	19150	1	#Mid	QPSK	24.53	0.17	24.70	PASS
Band2	10	19150	1	#Max	QPSK	23.92	0.17	24.09	PASS
Band2	10	19150	25	#0	QPSK	23.02	0.17	23.19	PASS
Band2	10	19150	25	#Mid	QPSK	23.23	0.17	23.40	PASS
Band2	10	19150	25	#Max	QPSK	22.66	0.17	22.83	PASS
Band2	10	19150	50	#0	QPSK	22.97	0.17	23.14	PASS
Band2	15	18675	1	#0	QPSK	21.82	0.17	21.99	PASS
Band2	15	18675	1	#Mid	QPSK	23.13	0.17	23.30	PASS
Band2	15	18675	1	#Max	QPSK	24.65	0.17	24.82	PASS
Band2	15	18675	36	#0	QPSK	20.58	0.17	20.75	PASS
Band2	15	18675	36	#Mid	QPSK	21.68	0.17	21.85	PASS
Band2	15	18675	36	#Max	QPSK	22.61	0.17	22.78	PASS
Band2	15	18675	75	#0	QPSK	22.99	0.17	23.16	PASS
Band2	15	18900	1	#0	QPSK	25.00	0.17	25.17	PASS
Band2	15	18900	1	#Mid	QPSK	23.91	0.17	24.08	PASS
Band2	15	18900	1	#Max	QPSK	23.26	0.17	23.43	PASS
Band2	15	18900	36	#0	QPSK	23.14	0.17	23.31	PASS
Band2	15	18900	36	#Mid	QPSK	22.55	0.17	22.72	PASS
Band2	15	18900	36	#Max	QPSK	21.98	0.17	22.15	PASS
Band2	15	18900	75	#0	QPSK	23.80	0.17	23.97	PASS
Band2	15	19125	1	#0	QPSK	23.43	0.17	23.60	PASS
Band2	15	19125	1	#Mid	QPSK	24.66	0.17	24.83	PASS
Band2	15	19125	1	#Max	QPSK	24.27	0.17	24.44	PASS
Band2	15	19125	36	#0	QPSK	22.46	0.17	22.63	PASS

Band2	15	19125	36	#Mid	QPSK	23.32	0.17	23.49	PASS
Band2	15	19125	36	#Max	QPSK	23.31	0.17	23.48	PASS
Band2	15	19125	75	#0	QPSK	25.01	0.17	25.18	PASS
Band2	20	18700	1	#0	QPSK	21.60	0.17	21.77	PASS
Band2	20	18700	1	#Mid	QPSK	23.58	0.17	23.75	PASS
Band2	20	18700	1	#Max	QPSK	25.06	0.17	25.23	PASS
Band2	20	18700	50	#0	QPSK	21.03	0.17	21.20	PASS
Band2	20	18700	50	#Mid	QPSK	22.48	0.17	22.65	PASS
Band2	20	18700	50	#Max	QPSK	23.36	0.17	23.53	PASS
Band2	20	18700	100	#0	QPSK	23.39	0.17	23.56	PASS
Band2	20	18900	1	#0	QPSK	25.30	0.17	25.47	PASS
Band2	20	18900	1	#Mid	QPSK	24.01	0.17	24.18	PASS
Band2	20	18900	1	#Max	QPSK	23.16	0.17	23.33	PASS
Band2	20	18900	50	#0	QPSK	23.49	0.17	23.66	PASS
Band2	20	18900	50	#Mid	QPSK	22.84	0.17	23.01	PASS
Band2	20	18900	50	#Max	QPSK	22.01	0.17	22.18	PASS
Band2	20	18900	100	#0	QPSK	23.71	0.17	23.88	PASS
Band2	20	19100	1	#0	QPSK	22.39	0.17	22.56	PASS
Band2	20	19100	1	#Mid	QPSK	23.52	0.17	23.69	PASS
Band2	20	19100	1	#Max	QPSK	23.90	0.17	24.07	PASS
Band2	20	19100	50	#0	QPSK	21.49	0.17	21.66	PASS
Band2	20	19100	50	#Mid	QPSK	22.42	0.17	22.59	PASS
Band2	20	19100	50	#Max	QPSK	23.14	0.17	23.31	PASS
Band2	20	19100	100	#0	QPSK	24.35	0.17	24.52	PASS



Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band2	1.4	18607	6	#0	QPSK	LV	NT	-8.80	-0.005	PASS
Band2	1.4	18607	6	#0	QPSK	NV	NT	-18.01	-0.010	PASS
Band2	1.4	18607	6	#0	QPSK	HV	NT	3.38	0.002	PASS
Band2	1.4	18607	6	#0	16QAM	LV	NT	-0.04	0.000	PASS
Band2	1.4	18607	6	#0	16QAM	NV	NT	-15.94	-0.009	PASS
Band2	1.4	18607	6	#0	16QAM	HV	NT	-19.93	-0.011	PASS
Band2	1.4	18900	6	#0	QPSK	LV	NT	-3.00	-0.002	PASS
Band2	1.4	18900	6	#0	QPSK	NV	NT	-8.04	-0.004	PASS
Band2	1.4	18900	6	#0	QPSK	HV	NT	11.33	0.006	PASS
Band2	1.4	18900	6	#0	16QAM	LV	NT	10.59	0.006	PASS
Band2	1.4	18900	6	#0	16QAM	NV	NT	-3.18	-0.002	PASS
Band2	1.4	18900	6	#0	16QAM	HV	NT	-3.63	-0.002	PASS
Band2	1.4	19193	6	#0	QPSK	LV	NT	-6.78	-0.004	PASS
Band2	1.4	19193	6	#0	QPSK	NV	NT	-8.31	-0.004	PASS
Band2	1.4	19193	6	#0	QPSK	HV	NT	7.47	0.004	PASS
Band2	1.4	19193	6	#0	16QAM	LV	NT	-5.18	-0.003	PASS
Band2	1.4	19193	6	#0	16QAM	NV	NT	16.31	0.009	PASS
Band2	1.4	19193	6	#0	16QAM	HV	NT	2.29	0.001	PASS
Band2	3	18615	15	#0	QPSK	LV	NT	-15.21	-0.008	PASS
Band2	3	18615	15	#0	QPSK	NV	NT	-9.73	-0.005	PASS
Band2	3	18615	15	#0	QPSK	HV	NT	-6.12	-0.003	PASS
Band2	3	18615	15	#0	16QAM	LV	NT	2.66	0.001	PASS
Band2	3	18615	15	#0	16QAM	NV	NT	6.68	0.004	PASS
Band2	3	18615	15	#0	16QAM	HV	NT	-5.29	-0.003	PASS
Band2	3	18900	15	#0	QPSK	LV	NT	0.56	0.000	PASS
Band2	3	18900	15	#0	QPSK	NV	NT	-2.60	-0.001	PASS
Band2	3	18900	15	#0	QPSK	HV	NT	7.01	0.004	PASS
Band2	3	18900	15	#0	16QAM	LV	NT	19.25	0.010	PASS
Band2	3	18900	15	#0	16QAM	NV	NT	9.94	0.005	PASS
Band2	3	18900	15	#0	16QAM	HV	NT	9.68	0.005	PASS
Band2	3	19185	15	#0	QPSK	LV	NT	5.48	0.003	PASS
Band2	3	19185	15	#0	QPSK	NV	NT	-7.94	-0.004	PASS
Band2	3	19185	15	#0	QPSK	HV	NT	-7.91	-0.004	PASS
Band2	3	19185	15	#0	16QAM	LV	NT	2.92	0.002	PASS
Band2	3	19185	15	#0	16QAM	NV	NT	4.78	0.003	PASS
Band2	3	19185	15	#0	16QAM	HV	NT	-1.03	-0.001	PASS
Band2	5	18625	25	#0	QPSK	LV	NT	-11.90	-0.006	PASS
Band2	5	18625	25	#0	QPSK	NV	NT	-6.32	-0.003	PASS

Band2	5	18625	25	#0	QPSK	HV	NT	14.02	0.008	PASS
Band2	5	18625	25	#0	16QAM	LV	NT	8.84	0.005	PASS
Band2	5	18625	25	#0	16QAM	NV	NT	-4.29	-0.002	PASS
Band2	5	18625	25	#0	16QAM	HV	NT	-8.94	-0.005	PASS
Band2	5	18900	25	#0	QPSK	LV	NT	-19.97	-0.011	PASS
Band2	5	18900	25	#0	QPSK	NV	NT	-3.08	-0.002	PASS
Band2	5	18900	25	#0	QPSK	HV	NT	-0.90	0.000	PASS
Band2	5	18900	25	#0	16QAM	LV	NT	-3.60	-0.002	PASS
Band2	5	18900	25	#0	16QAM	NV	NT	1.82	0.001	PASS
Band2	5	18900	25	#0	16QAM	HV	NT	-5.65	-0.003	PASS
Band2	5	19175	25	#0	QPSK	LV	NT	-8.31	-0.004	PASS
Band2	5	19175	25	#0	QPSK	NV	NT	1.83	0.001	PASS
Band2	5	19175	25	#0	QPSK	HV	NT	3.28	0.002	PASS
Band2	5	19175	25	#0	16QAM	LV	NT	8.73	0.005	PASS
Band2	5	19175	25	#0	16QAM	NV	NT	-0.19	0.000	PASS
Band2	5	19175	25	#0	16QAM	HV	NT	-6.71	-0.004	PASS
Band2	10	18650	50	#0	QPSK	LV	NT	-21.50	-0.012	PASS
Band2	10	18650	50	#0	QPSK	NV	NT	-13.43	-0.007	PASS
Band2	10	18650	50	#0	QPSK	HV	NT	-9.31	-0.005	PASS
Band2	10	18900	50	#0	QPSK	LV	NT	4.71	0.003	PASS
Band2	10	18900	50	#0	QPSK	NV	NT	-6.02	-0.003	PASS
Band2	10	18900	50	#0	QPSK	HV	NT	-2.25	-0.001	PASS
Band2	10	19150	50	#0	QPSK	LV	NT	7.04	0.004	PASS
Band2	10	19150	50	#0	QPSK	NV	NT	14.66	0.008	PASS
Band2	10	19150	50	#0	QPSK	HV	NT	10.73	0.006	PASS
Band2	15	18675	75	#0	QPSK	LV	NT	-11.40	-0.006	PASS
Band2	15	18675	75	#0	QPSK	NV	NT	6.49	0.003	PASS
Band2	15	18675	75	#0	QPSK	HV	NT	-1.23	-0.001	PASS
Band2	15	18900	75	#0	QPSK	LV	NT	-10.39	-0.006	PASS
Band2	15	18900	75	#0	QPSK	NV	NT	10.06	0.005	PASS
Band2	15	18900	75	#0	QPSK	HV	NT	10.21	0.005	PASS
Band2	15	19125	75	#0	QPSK	LV	NT	-2.29	-0.001	PASS
Band2	15	19125	75	#0	QPSK	NV	NT	0.51	0.000	PASS
Band2	15	19125	75	#0	QPSK	HV	NT	-4.71	-0.002	PASS
Band2	20	18700	100	#0	QPSK	LV	NT	-14.08	-0.008	PASS
Band2	20	18700	100	#0	QPSK	NV	NT	-3.35	-0.002	PASS
Band2	20	18700	100	#0	QPSK	HV	NT	-1.95	-0.001	PASS
Band2	20	18900	100	#0	QPSK	LV	NT	6.42	0.003	PASS
Band2	20	18900	100	#0	QPSK	NV	NT	8.55	0.005	PASS
Band2	20	18900	100	#0	QPSK	HV	NT	1.19	0.001	PASS
Band2	20	19100	100	#0	QPSK	LV	NT	-10.60	-0.006	PASS
Band2	20	19100	100	#0	QPSK	NV	NT	-1.50	-0.001	PASS
Band2	20	19100	100	#0	QPSK	HV	NT	5.78	0.003	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band2	1.4	18607	6	#0	QPSK	NV	-30	-10.31	-0.006	PASS
Band2	1.4	18607	6	#0	QPSK	NV	-20	-14.69	-0.008	PASS
Band2	1.4	18607	6	#0	QPSK	NV	-10	-15.89	-0.009	PASS
Band2	1.4	18607	6	#0	QPSK	NV	0	-4.92	-0.003	PASS
Band2	1.4	18607	6	#0	QPSK	NV	10	-18.97	-0.010	PASS
Band2	1.4	18607	6	#0	QPSK	NV	20	-17.45	-0.009	PASS
Band2	1.4	18607	6	#0	QPSK	NV	30	-16.29	-0.009	PASS
Band2	1.4	18607	6	#0	QPSK	NV	40	-17.94	-0.010	PASS
Band2	1.4	18607	6	#0	QPSK	NV	50	-20.34	-0.011	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-30	-29.83	-0.016	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-20	-23.30	-0.013	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-10	-18.61	-0.010	PASS
Band2	1.4	18607	6	#0	16QAM	NV	0	-18.87	-0.010	PASS
Band2	1.4	18607	6	#0	16QAM	NV	10	-22.52	-0.012	PASS
Band2	1.4	18607	6	#0	16QAM	NV	20	-22.50	-0.012	PASS
Band2	1.4	18607	6	#0	16QAM	NV	30	-17.22	-0.009	PASS
Band2	1.4	18607	6	#0	16QAM	NV	40	-20.79	-0.011	PASS
Band2	1.4	18607	6	#0	16QAM	NV	50	-21.23	-0.011	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-30	-26.95	-0.014	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-20	-17.34	-0.009	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-10	-18.35	-0.010	PASS
Band2	1.4	18900	6	#0	QPSK	NV	0	-16.61	-0.009	PASS
Band2	1.4	18900	6	#0	QPSK	NV	10	-17.45	-0.009	PASS
Band2	1.4	18900	6	#0	QPSK	NV	20	-15.81	-0.008	PASS
Band2	1.4	18900	6	#0	QPSK	NV	30	-19.90	-0.011	PASS
Band2	1.4	18900	6	#0	QPSK	NV	40	-22.67	-0.012	PASS
Band2	1.4	18900	6	#0	QPSK	NV	50	-18.45	-0.010	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-30	-15.48	-0.008	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-20	-21.29	-0.011	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-10	-21.13	-0.011	PASS
Band2	1.4	18900	6	#0	16QAM	NV	0	-17.25	-0.009	PASS
Band2	1.4	18900	6	#0	16QAM	NV	10	-26.66	-0.014	PASS
Band2	1.4	18900	6	#0	16QAM	NV	20	-13.45	-0.007	PASS
Band2	1.4	18900	6	#0	16QAM	NV	30	-14.28	-0.008	PASS
Band2	1.4	18900	6	#0	16QAM	NV	40	-16.26	-0.009	PASS
Band2	1.4	18900	6	#0	16QAM	NV	50	-20.61	-0.011	PASS
Band2	1.4	19193	6	#0	QPSK	NV	-30	-22.92	-0.012	PASS
Band2	1.4	19193	6	#0	QPSK	NV	-20	-13.09	-0.007	PASS
Band2	1.4	19193	6	#0	QPSK	NV	-10	-8.13	-0.004	PASS
Band2	1.4	19193	6	#0	QPSK	NV	0	-13.69	-0.007	PASS

Band2	1.4	19193	6	#0	QPSK	NV	10	-12.83	-0.007	PASS
Band2	1.4	19193	6	#0	QPSK	NV	20	-15.21	-0.008	PASS
Band2	1.4	19193	6	#0	QPSK	NV	30	-11.97	-0.006	PASS
Band2	1.4	19193	6	#0	QPSK	NV	40	-16.04	-0.008	PASS
Band2	1.4	19193	6	#0	QPSK	NV	50	-12.83	-0.007	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-30	-10.93	-0.006	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-20	-32.27	-0.017	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-10	-10.36	-0.005	PASS
Band2	1.4	19193	6	#0	16QAM	NV	0	-27.12	-0.014	PASS
Band2	1.4	19193	6	#0	16QAM	NV	10	-23.26	-0.012	PASS
Band2	1.4	19193	6	#0	16QAM	NV	20	-22.36	-0.012	PASS
Band2	1.4	19193	6	#0	16QAM	NV	30	-30.94	-0.016	PASS
Band2	1.4	19193	6	#0	16QAM	NV	40	-22.20	-0.012	PASS
Band2	1.4	19193	6	#0	16QAM	NV	50	-22.73	-0.012	PASS
Band2	3	18615	15	#0	QPSK	NV	-30	-21.23	-0.011	PASS
Band2	3	18615	15	#0	QPSK	NV	-20	-10.34	-0.006	PASS
Band2	3	18615	15	#0	QPSK	NV	-10	-11.94	-0.006	PASS
Band2	3	18615	15	#0	QPSK	NV	0	-16.38	-0.009	PASS
Band2	3	18615	15	#0	QPSK	NV	10	-20.59	-0.011	PASS
Band2	3	18615	15	#0	QPSK	NV	20	-20.94	-0.011	PASS
Band2	3	18615	15	#0	QPSK	NV	30	-17.57	-0.009	PASS
Band2	3	18615	15	#0	QPSK	NV	40	-18.53	-0.010	PASS
Band2	3	18615	15	#0	QPSK	NV	50	-19.80	-0.011	PASS
Band2	3	18615	15	#0	16QAM	NV	-30	-12.07	-0.007	PASS
Band2	3	18615	15	#0	16QAM	NV	-20	-5.65	-0.003	PASS
Band2	3	18615	15	#0	16QAM	NV	-10	-13.56	-0.007	PASS
Band2	3	18615	15	#0	16QAM	NV	0	-14.79	-0.008	PASS
Band2	3	18615	15	#0	16QAM	NV	10	-9.44	-0.005	PASS
Band2	3	18615	15	#0	16QAM	NV	20	-17.40	-0.009	PASS
Band2	3	18615	15	#0	16QAM	NV	30	-13.42	-0.007	PASS
Band2	3	18615	15	#0	16QAM	NV	40	-19.28	-0.010	PASS
Band2	3	18615	15	#0	16QAM	NV	50	-25.32	-0.014	PASS
Band2	3	18900	15	#0	QPSK	NV	-30	-17.75	-0.009	PASS
Band2	3	18900	15	#0	QPSK	NV	-20	-18.67	-0.010	PASS
Band2	3	18900	15	#0	QPSK	NV	-10	-1.56	-0.001	PASS
Band2	3	18900	15	#0	QPSK	NV	0	-19.03	-0.010	PASS
Band2	3	18900	15	#0	QPSK	NV	10	-17.87	-0.010	PASS
Band2	3	18900	15	#0	QPSK	NV	20	-19.50	-0.010	PASS
Band2	3	18900	15	#0	QPSK	NV	30	-8.75	-0.005	PASS
Band2	3	18900	15	#0	QPSK	NV	40	-18.34	-0.010	PASS
Band2	3	18900	15	#0	QPSK	NV	50	-20.16	-0.011	PASS
Band2	3	18900	15	#0	16QAM	NV	-30	-24.02	-0.013	PASS
Band2	3	18900	15	#0	16QAM	NV	-20	-15.06	-0.008	PASS

Band2	3	18900	15	#0	16QAM	NV	-10	-1.70	-0.001	PASS
Band2	3	18900	15	#0	16QAM	NV	0	-11.44	-0.006	PASS
Band2	3	18900	15	#0	16QAM	NV	10	-16.92	-0.009	PASS
Band2	3	18900	15	#0	16QAM	NV	20	-20.21	-0.011	PASS
Band2	3	18900	15	#0	16QAM	NV	30	-8.28	-0.004	PASS
Band2	3	18900	15	#0	16QAM	NV	40	-17.80	-0.009	PASS
Band2	3	18900	15	#0	16QAM	NV	50	-21.93	-0.012	PASS
Band2	3	19185	15	#0	QPSK	NV	-30	-12.12	-0.006	PASS
Band2	3	19185	15	#0	QPSK	NV	-20	-16.15	-0.008	PASS
Band2	3	19185	15	#0	QPSK	NV	-10	-16.85	-0.009	PASS
Band2	3	19185	15	#0	QPSK	NV	0	-11.64	-0.006	PASS
Band2	3	19185	15	#0	QPSK	NV	10	-15.22	-0.008	PASS
Band2	3	19185	15	#0	QPSK	NV	20	-5.21	-0.003	PASS
Band2	3	19185	15	#0	QPSK	NV	30	-16.38	-0.009	PASS
Band2	3	19185	15	#0	QPSK	NV	40	-15.88	-0.008	PASS
Band2	3	19185	15	#0	QPSK	NV	50	-9.27	-0.005	PASS
Band2	3	19185	15	#0	16QAM	NV	-30	-15.15	-0.008	PASS
Band2	3	19185	15	#0	16QAM	NV	-20	-1.27	-0.001	PASS
Band2	3	19185	15	#0	16QAM	NV	-10	-19.43	-0.010	PASS
Band2	3	19185	15	#0	16QAM	NV	0	-16.19	-0.008	PASS
Band2	3	19185	15	#0	16QAM	NV	10	12.57	0.007	PASS
Band2	3	19185	15	#0	16QAM	NV	20	-12.09	-0.006	PASS
Band2	3	19185	15	#0	16QAM	NV	30	-10.77	-0.006	PASS
Band2	3	19185	15	#0	16QAM	NV	40	-6.37	-0.003	PASS
Band2	3	19185	15	#0	16QAM	NV	50	3.98	0.002	PASS
Band2	5	18625	25	#0	QPSK	NV	-30	-7.27	-0.004	PASS
Band2	5	18625	25	#0	QPSK	NV	-20	-12.65	-0.007	PASS
Band2	5	18625	25	#0	QPSK	NV	-10	-8.30	-0.004	PASS
Band2	5	18625	25	#0	QPSK	NV	0	-23.05	-0.012	PASS
Band2	5	18625	25	#0	QPSK	NV	10	-18.17	-0.010	PASS
Band2	5	18625	25	#0	QPSK	NV	20	-4.68	-0.003	PASS
Band2	5	18625	25	#0	QPSK	NV	30	-6.34	-0.003	PASS
Band2	5	18625	25	#0	QPSK	NV	40	-12.63	-0.007	PASS
Band2	5	18625	25	#0	QPSK	NV	50	-8.30	-0.004	PASS
Band2	5	18625	25	#0	16QAM	NV	-30	-18.01	-0.010	PASS
Band2	5	18625	25	#0	16QAM	NV	-20	-17.48	-0.009	PASS
Band2	5	18625	25	#0	16QAM	NV	-10	-9.53	-0.005	PASS
Band2	5	18625	25	#0	16QAM	NV	0	-9.53	-0.005	PASS
Band2	5	18625	25	#0	16QAM	NV	10	-0.72	0.000	PASS
Band2	5	18625	25	#0	16QAM	NV	20	-14.76	-0.008	PASS
Band2	5	18625	25	#0	16QAM	NV	30	-10.94	-0.006	PASS
Band2	5	18625	25	#0	16QAM	NV	40	-13.25	-0.007	PASS
Band2	5	18625	25	#0	16QAM	NV	50	-12.60	-0.007	PASS

Band2	5	18900	25	#0	QPSK	NV	-30	-12.50	-0.007	PASS
Band2	5	18900	25	#0	QPSK	NV	-20	-7.00	-0.004	PASS
Band2	5	18900	25	#0	QPSK	NV	-10	-9.70	-0.005	PASS
Band2	5	18900	25	#0	QPSK	NV	0	-15.51	-0.008	PASS
Band2	5	18900	25	#0	QPSK	NV	10	1.72	0.001	PASS
Band2	5	18900	25	#0	QPSK	NV	20	-16.71	-0.009	PASS
Band2	5	18900	25	#0	QPSK	NV	30	-12.86	-0.007	PASS
Band2	5	18900	25	#0	QPSK	NV	40	4.76	0.003	PASS
Band2	5	18900	25	#0	QPSK	NV	50	-11.30	-0.006	PASS
Band2	5	18900	25	#0	16QAM	NV	-30	-4.16	-0.002	PASS
Band2	5	18900	25	#0	16QAM	NV	-20	11.01	0.006	PASS
Band2	5	18900	25	#0	16QAM	NV	-10	-1.02	-0.001	PASS
Band2	5	18900	25	#0	16QAM	NV	0	-6.67	-0.004	PASS
Band2	5	18900	25	#0	16QAM	NV	10	-9.20	-0.005	PASS
Band2	5	18900	25	#0	16QAM	NV	20	-15.82	-0.008	PASS
Band2	5	18900	25	#0	16QAM	NV	30	-15.89	-0.008	PASS
Band2	5	18900	25	#0	16QAM	NV	40	1.10	0.001	PASS
Band2	5	18900	25	#0	16QAM	NV	50	-1.83	-0.001	PASS
Band2	5	19175	25	#0	QPSK	NV	-30	-9.27	-0.005	PASS
Band2	5	19175	25	#0	QPSK	NV	-20	-16.38	-0.009	PASS
Band2	5	19175	25	#0	QPSK	NV	-10	-11.54	-0.006	PASS
Band2	5	19175	25	#0	QPSK	NV	0	-11.92	-0.006	PASS
Band2	5	19175	25	#0	QPSK	NV	10	-19.15	-0.010	PASS
Band2	5	19175	25	#0	QPSK	NV	20	-19.60	-0.010	PASS
Band2	5	19175	25	#0	QPSK	NV	30	-11.66	-0.006	PASS
Band2	5	19175	25	#0	QPSK	NV	40	-14.66	-0.008	PASS
Band2	5	19175	25	#0	QPSK	NV	50	-19.67	-0.010	PASS
Band2	5	19175	25	#0	16QAM	NV	-30	-18.35	-0.010	PASS
Band2	5	19175	25	#0	16QAM	NV	-20	-11.19	-0.006	PASS
Band2	5	19175	25	#0	16QAM	NV	-10	-10.34	-0.005	PASS
Band2	5	19175	25	#0	16QAM	NV	0	-11.24	-0.006	PASS
Band2	5	19175	25	#0	16QAM	NV	10	-10.41	-0.005	PASS
Band2	5	19175	25	#0	16QAM	NV	20	-11.34	-0.006	PASS
Band2	5	19175	25	#0	16QAM	NV	30	-2.23	-0.001	PASS
Band2	5	19175	25	#0	16QAM	NV	40	-12.59	-0.007	PASS
Band2	5	19175	25	#0	16QAM	NV	50	-0.89	0.000	PASS
Band2	10	18650	50	#0	QPSK	NV	-30	-5.51	-0.003	PASS
Band2	10	18650	50	#0	QPSK	NV	-20	-11.52	-0.006	PASS
Band2	10	18650	50	#0	QPSK	NV	-10	9.20	0.005	PASS
Band2	10	18650	50	#0	QPSK	NV	0	-7.85	-0.004	PASS
Band2	10	18650	50	#0	QPSK	NV	10	-15.94	-0.009	PASS
Band2	10	18650	50	#0	QPSK	NV	20	-10.47	-0.006	PASS
Band2	10	18650	50	#0	QPSK	NV	30	7.54	0.004	PASS

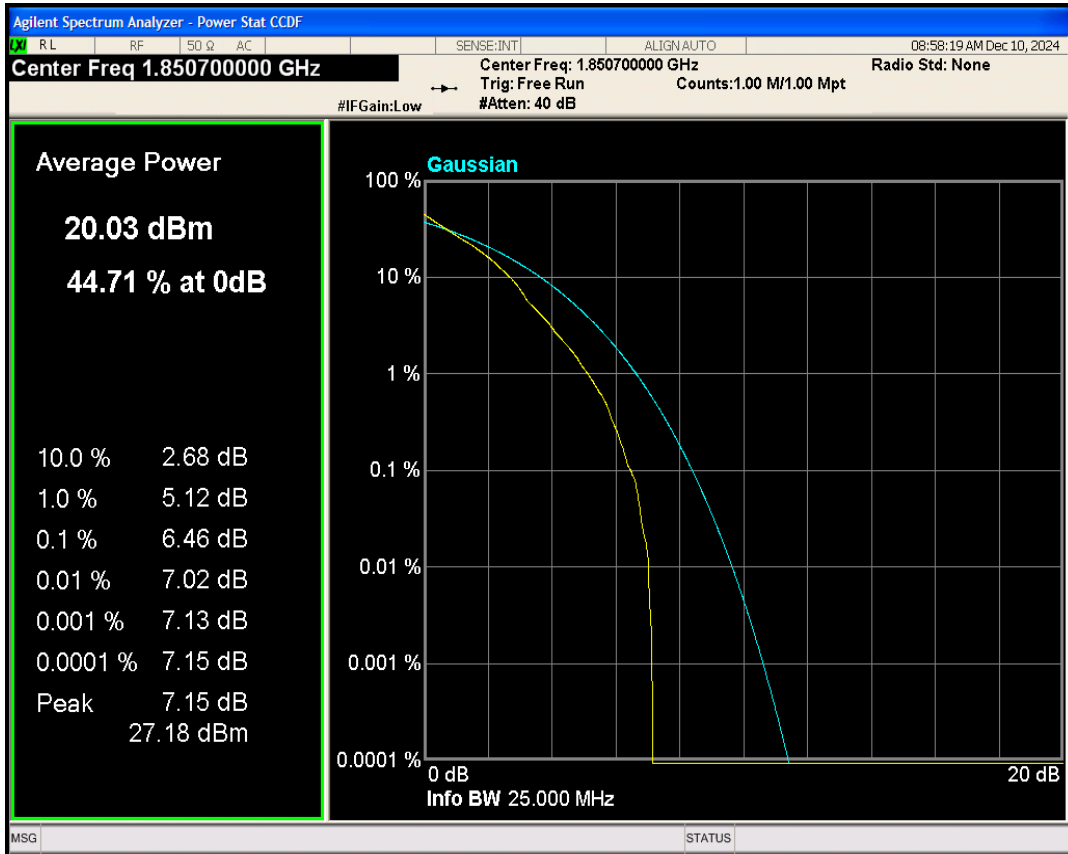
Band2	10	18650	50	#0	QPSK	NV	40	-16.51	-0.009	PASS
Band2	10	18650	50	#0	QPSK	NV	50	-0.24	0.000	PASS
Band2	10	18900	50	#0	QPSK	NV	-30	-17.85	-0.009	PASS
Band2	10	18900	50	#0	QPSK	NV	-20	-6.31	-0.003	PASS
Band2	10	18900	50	#0	QPSK	NV	-10	-13.18	-0.007	PASS
Band2	10	18900	50	#0	QPSK	NV	0	-3.55	-0.002	PASS
Band2	10	18900	50	#0	QPSK	NV	10	-7.07	-0.004	PASS
Band2	10	18900	50	#0	QPSK	NV	20	-9.61	-0.005	PASS
Band2	10	18900	50	#0	QPSK	NV	30	-9.24	-0.005	PASS
Band2	10	18900	50	#0	QPSK	NV	40	-0.36	0.000	PASS
Band2	10	18900	50	#0	QPSK	NV	50	1.42	0.001	PASS
Band2	10	19150	50	#0	QPSK	NV	-30	-10.79	-0.006	PASS
Band2	10	19150	50	#0	QPSK	NV	-20	-20.59	-0.011	PASS
Band2	10	19150	50	#0	QPSK	NV	-10	3.35	0.002	PASS
Band2	10	19150	50	#0	QPSK	NV	0	-2.53	-0.001	PASS
Band2	10	19150	50	#0	QPSK	NV	10	-7.10	-0.004	PASS
Band2	10	19150	50	#0	QPSK	NV	20	-11.80	-0.006	PASS
Band2	10	19150	50	#0	QPSK	NV	30	-12.19	-0.006	PASS
Band2	10	19150	50	#0	QPSK	NV	40	-9.68	-0.005	PASS
Band2	10	19150	50	#0	QPSK	NV	50	-12.20	-0.006	PASS
Band2	15	18675	75	#0	QPSK	NV	-30	-13.46	-0.007	PASS
Band2	15	18675	75	#0	QPSK	NV	-20	-4.53	-0.002	PASS
Band2	15	18675	75	#0	QPSK	NV	-10	-11.67	-0.006	PASS
Band2	15	18675	75	#0	QPSK	NV	0	-9.43	-0.005	PASS
Band2	15	18675	75	#0	QPSK	NV	10	-5.56	-0.003	PASS
Band2	15	18675	75	#0	QPSK	NV	20	-5.85	-0.003	PASS
Band2	15	18675	75	#0	QPSK	NV	30	-6.92	-0.004	PASS
Band2	15	18675	75	#0	QPSK	NV	40	-19.88	-0.011	PASS
Band2	15	18675	75	#0	QPSK	NV	50	-11.17	-0.006	PASS
Band2	15	18900	75	#0	QPSK	NV	-30	-10.03	-0.005	PASS
Band2	15	18900	75	#0	QPSK	NV	-20	-13.02	-0.007	PASS
Band2	15	18900	75	#0	QPSK	NV	-10	0.40	0.000	PASS
Band2	15	18900	75	#0	QPSK	NV	0	-9.84	-0.005	PASS
Band2	15	18900	75	#0	QPSK	NV	10	6.88	0.004	PASS
Band2	15	18900	75	#0	QPSK	NV	20	-3.00	-0.002	PASS
Band2	15	18900	75	#0	QPSK	NV	30	3.49	0.002	PASS
Band2	15	18900	75	#0	QPSK	NV	40	-2.05	-0.001	PASS
Band2	15	18900	75	#0	QPSK	NV	50	3.25	0.002	PASS
Band2	15	19125	75	#0	QPSK	NV	-30	3.63	0.002	PASS
Band2	15	19125	75	#0	QPSK	NV	-20	-7.93	-0.004	PASS
Band2	15	19125	75	#0	QPSK	NV	-10	-10.50	-0.006	PASS
Band2	15	19125	75	#0	QPSK	NV	0	-4.25	-0.002	PASS
Band2	15	19125	75	#0	QPSK	NV	10	8.04	0.004	PASS

Band2	15	19125	75	#0	QPSK	NV	20	-12.43	-0.007	PASS
Band2	15	19125	75	#0	QPSK	NV	30	-15.99	-0.008	PASS
Band2	15	19125	75	#0	QPSK	NV	40	-5.26	-0.003	PASS
Band2	15	19125	75	#0	QPSK	NV	50	-14.63	-0.008	PASS
Band2	20	18700	100	#0	QPSK	NV	-30	-16.44	-0.009	PASS
Band2	20	18700	100	#0	QPSK	NV	-20	-7.05	-0.004	PASS
Band2	20	18700	100	#0	QPSK	NV	-10	-8.71	-0.005	PASS
Band2	20	18700	100	#0	QPSK	NV	0	10.40	0.006	PASS
Band2	20	18700	100	#0	QPSK	NV	10	-13.52	-0.007	PASS
Band2	20	18700	100	#0	QPSK	NV	20	-7.22	-0.004	PASS
Band2	20	18700	100	#0	QPSK	NV	30	9.24	0.005	PASS
Band2	20	18700	100	#0	QPSK	NV	40	-12.19	-0.007	PASS
Band2	20	18700	100	#0	QPSK	NV	50	-6.59	-0.004	PASS
Band2	20	18900	100	#0	QPSK	NV	-30	-0.67	0.000	PASS
Band2	20	18900	100	#0	QPSK	NV	-20	-10.13	-0.005	PASS
Band2	20	18900	100	#0	QPSK	NV	-10	-14.09	-0.007	PASS
Band2	20	18900	100	#0	QPSK	NV	0	2.76	0.001	PASS
Band2	20	18900	100	#0	QPSK	NV	10	-8.35	-0.004	PASS
Band2	20	18900	100	#0	QPSK	NV	20	2.59	0.001	PASS
Band2	20	18900	100	#0	QPSK	NV	30	7.97	0.004	PASS
Band2	20	18900	100	#0	QPSK	NV	40	3.08	0.002	PASS
Band2	20	18900	100	#0	QPSK	NV	50	1.72	0.001	PASS
Band2	20	19100	100	#0	QPSK	NV	-30	-3.10	-0.002	PASS
Band2	20	19100	100	#0	QPSK	NV	-20	7.02	0.004	PASS
Band2	20	19100	100	#0	QPSK	NV	-10	11.89	0.006	PASS
Band2	20	19100	100	#0	QPSK	NV	0	-2.60	-0.001	PASS
Band2	20	19100	100	#0	QPSK	NV	10	3.09	0.002	PASS
Band2	20	19100	100	#0	QPSK	NV	20	1.07	0.001	PASS
Band2	20	19100	100	#0	QPSK	NV	30	-2.33	-0.001	PASS
Band2	20	19100	100	#0	QPSK	NV	40	-1.86	-0.001	PASS
Band2	20	19100	100	#0	QPSK	NV	50	2.62	0.001	PASS

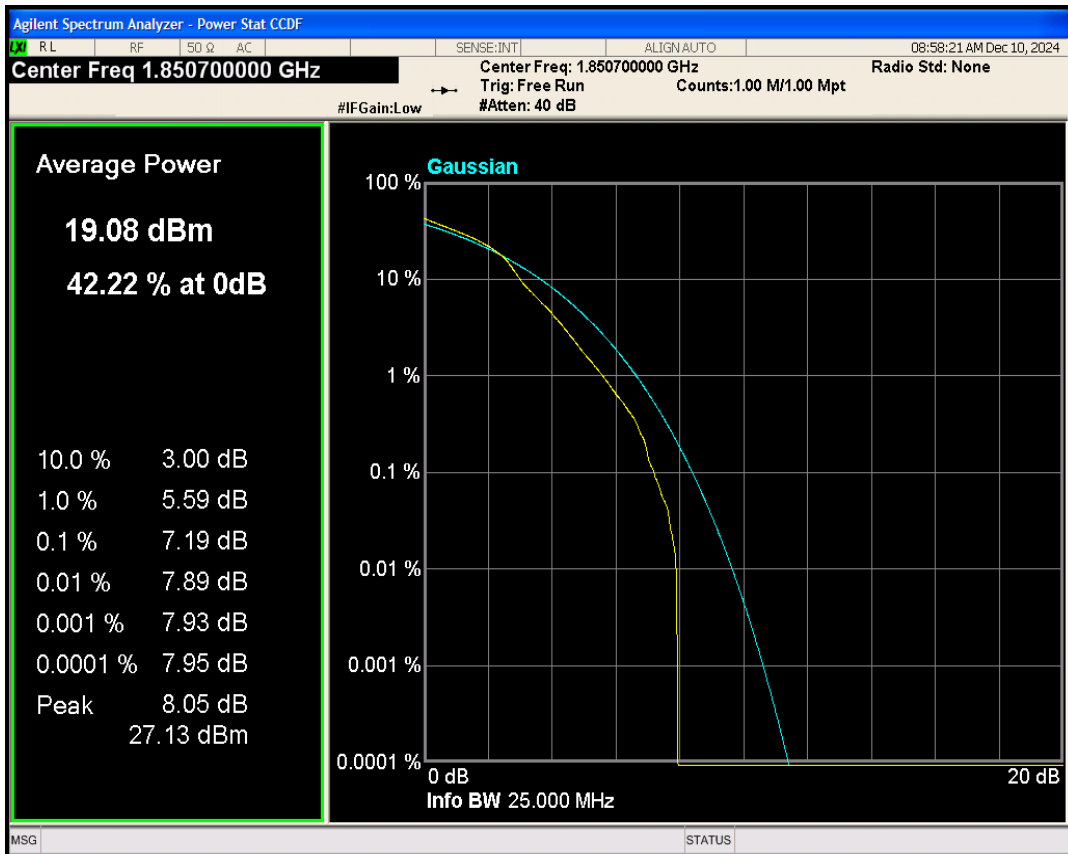
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	6.46	13	PASS
Band2	1.4	18607	1	#0	16QAM	7.19	13	PASS
Band2	1.4	18900	1	#0	QPSK	4.98	13	PASS
Band2	1.4	18900	1	#0	16QAM	5.89	13	PASS
Band2	1.4	19193	1	#0	QPSK	4.68	13	PASS
Band2	1.4	19193	1	#0	16QAM	5.38	13	PASS
Band2	3	18615	1	#0	QPSK	6.41	13	PASS
Band2	3	18615	1	#0	16QAM	7.28	13	PASS
Band2	3	18900	1	#0	QPSK	4.95	13	PASS
Band2	3	18900	1	#0	16QAM	5.88	13	PASS
Band2	3	19185	1	#0	QPSK	4.23	13	PASS
Band2	3	19185	1	#0	16QAM	4.94	13	PASS
Band2	5	18625	1	#0	QPSK	6.76	13	PASS
Band2	5	18625	1	#0	16QAM	6.87	13	PASS
Band2	5	18900	1	#0	QPSK	4.77	13	PASS
Band2	5	18900	1	#0	16QAM	5.23	13	PASS
Band2	5	19175	1	#0	QPSK	3.83	13	PASS
Band2	5	19175	1	#0	16QAM	4.47	13	PASS
Band2	10	18650	1	#0	QPSK	6.32	13	PASS
Band2	10	18900	1	#0	QPSK	4.26	13	PASS
Band2	10	19150	1	#0	QPSK	4.97	13	PASS
Band2	15	18675	1	#0	QPSK	6.28	13	PASS
Band2	15	18900	1	#0	QPSK	3.88	13	PASS
Band2	15	19125	1	#0	QPSK	5.98	13	PASS
Band2	20	18700	1	#0	QPSK	6.12	13	PASS
Band2	20	18900	1	#0	QPSK	3.88	13	PASS
Band2	20	19100	1	#0	QPSK	6.21	13	PASS

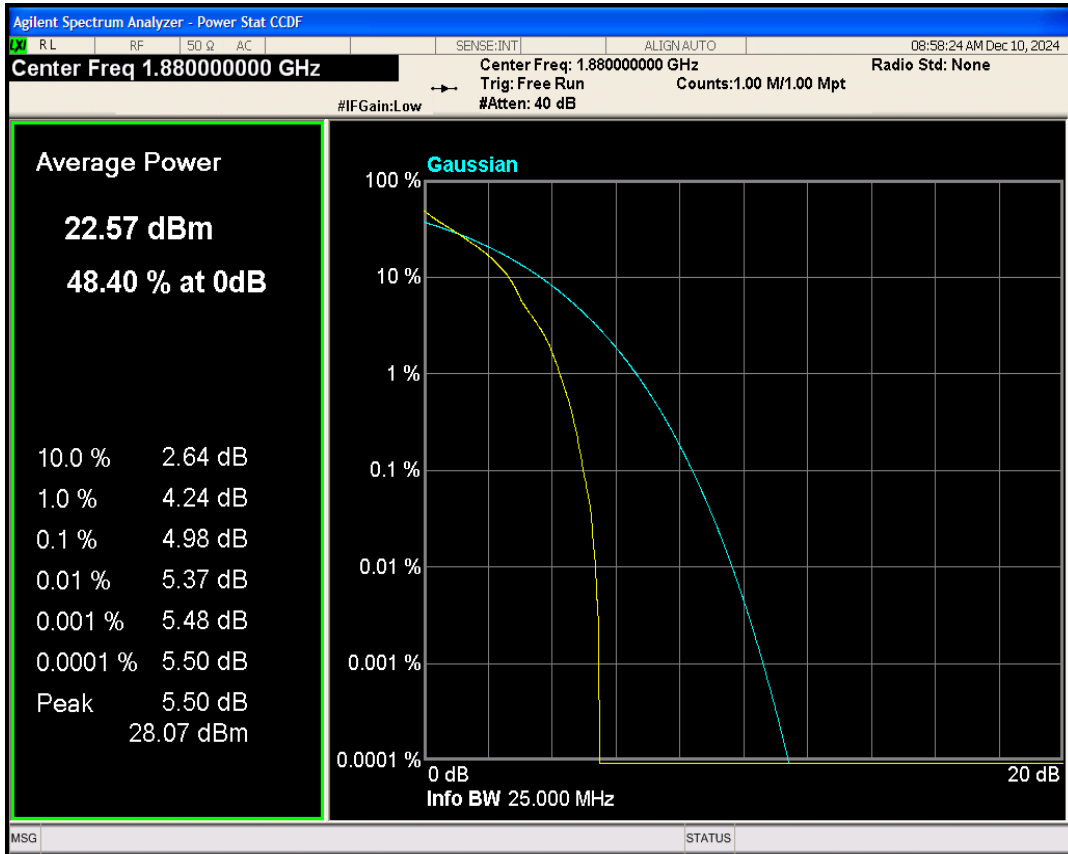
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



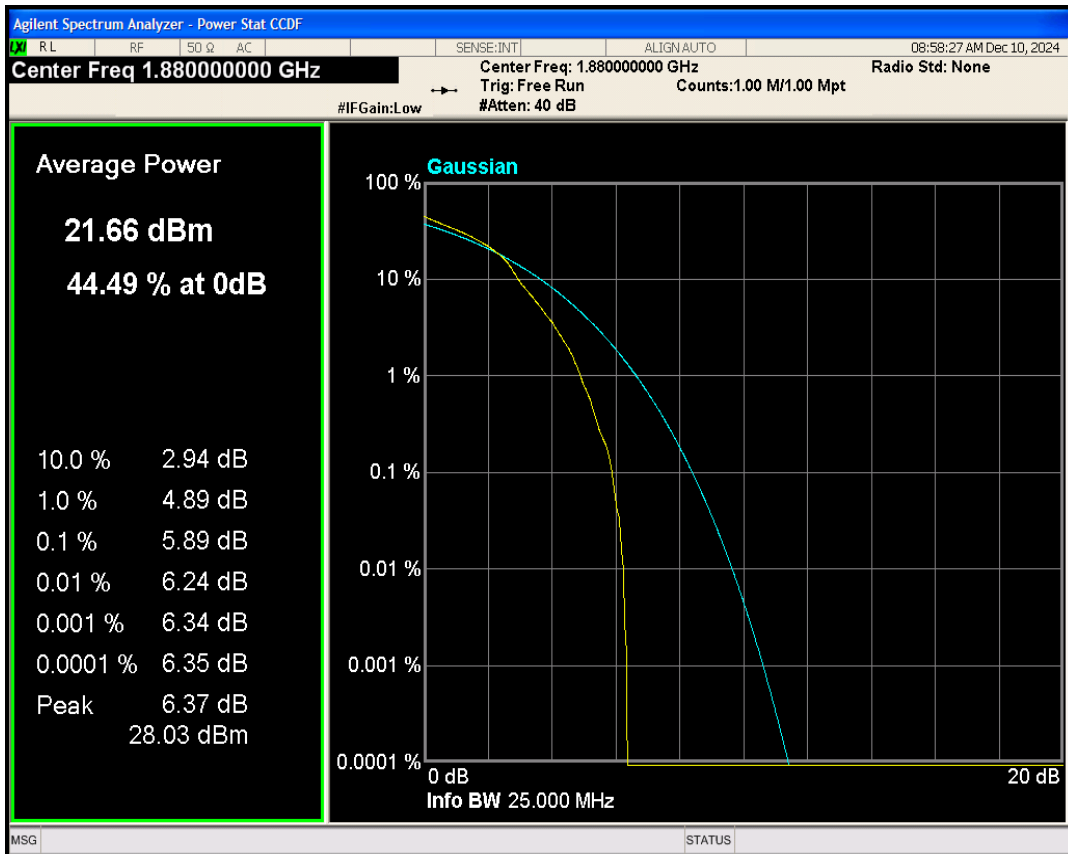
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



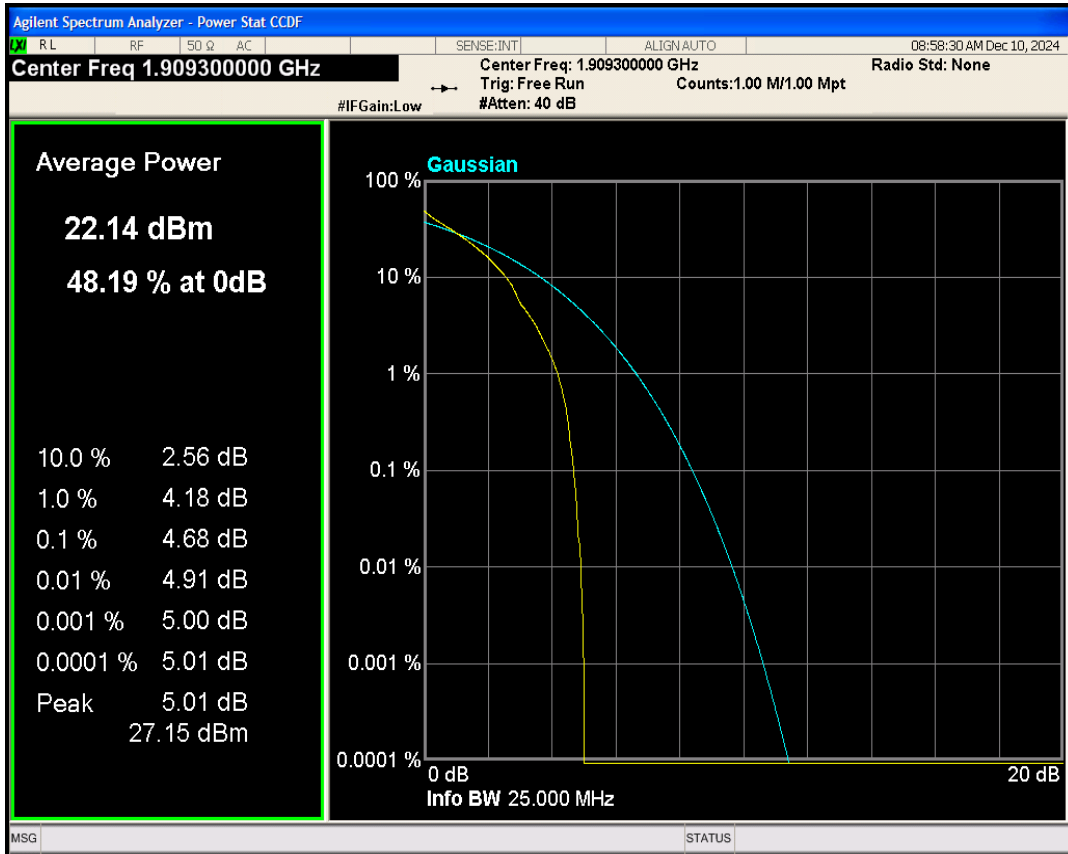
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



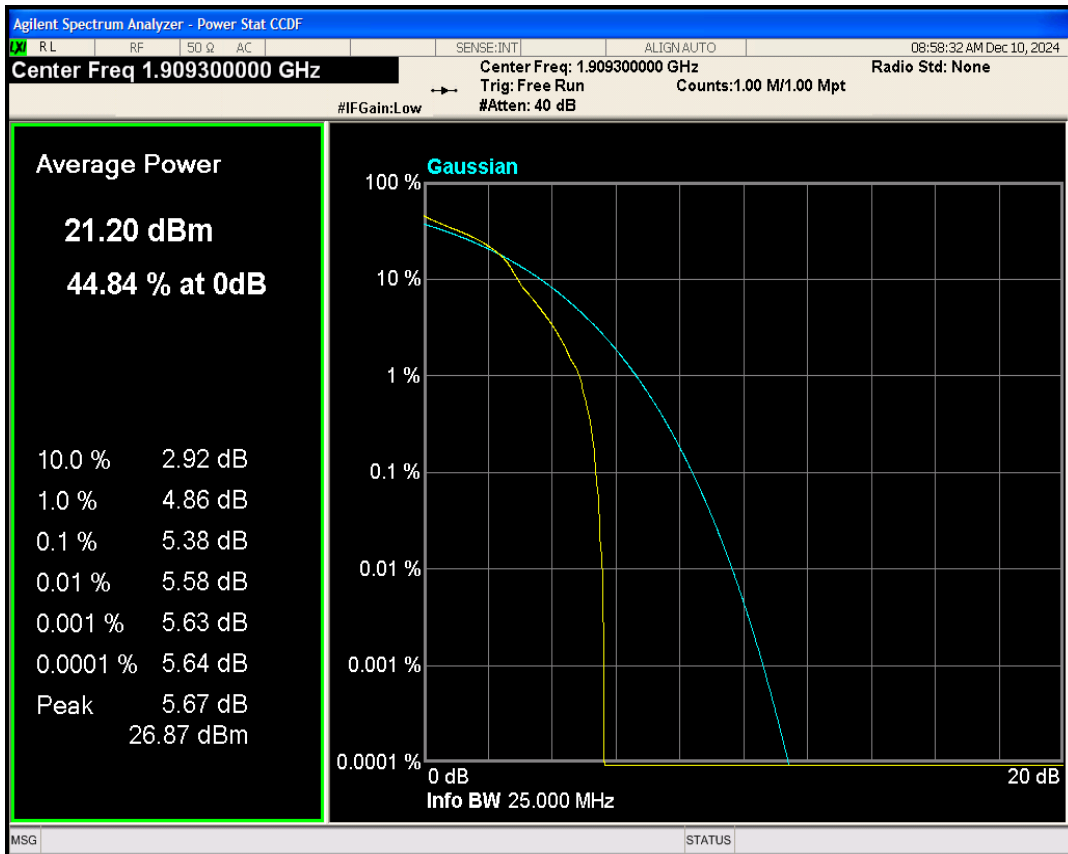
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



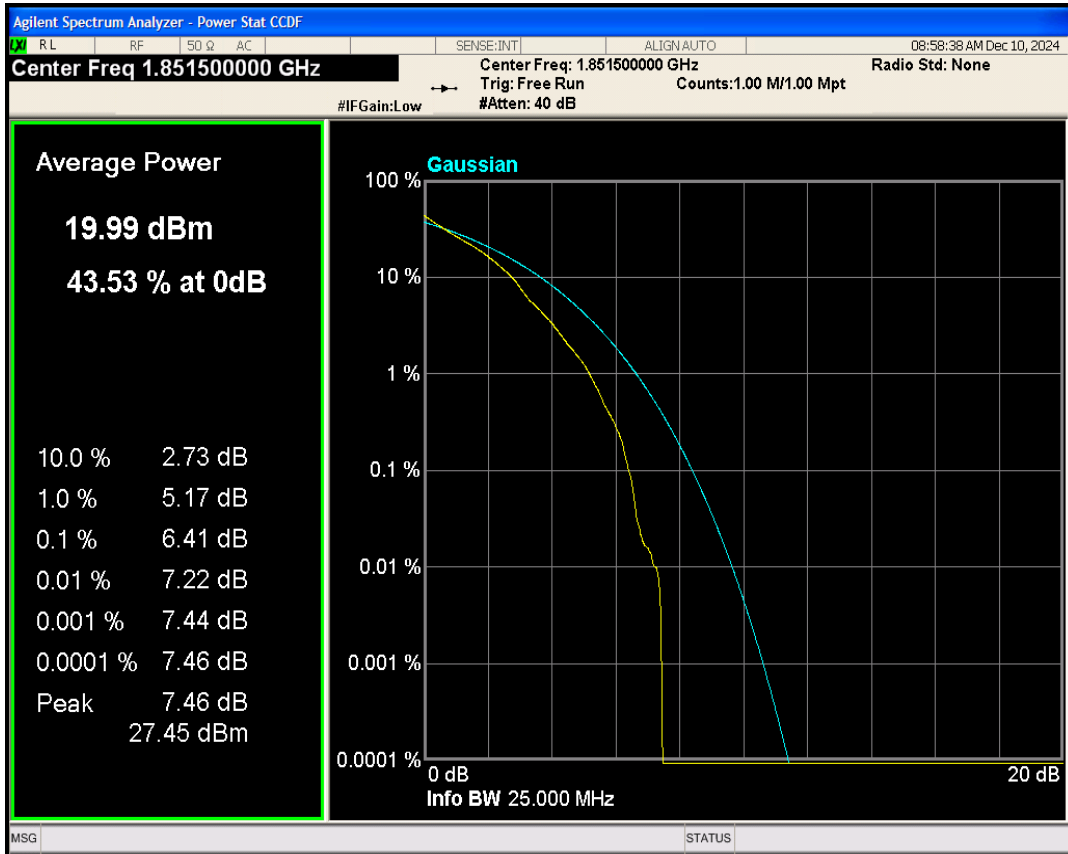
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



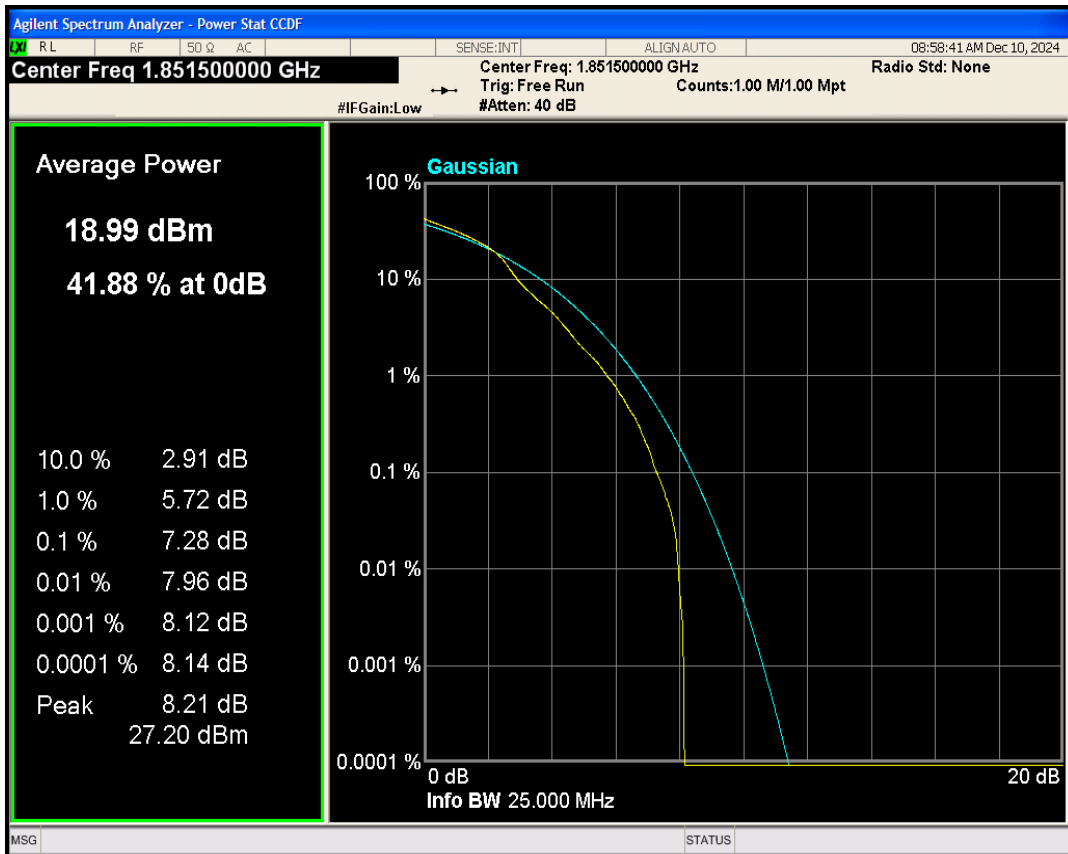
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



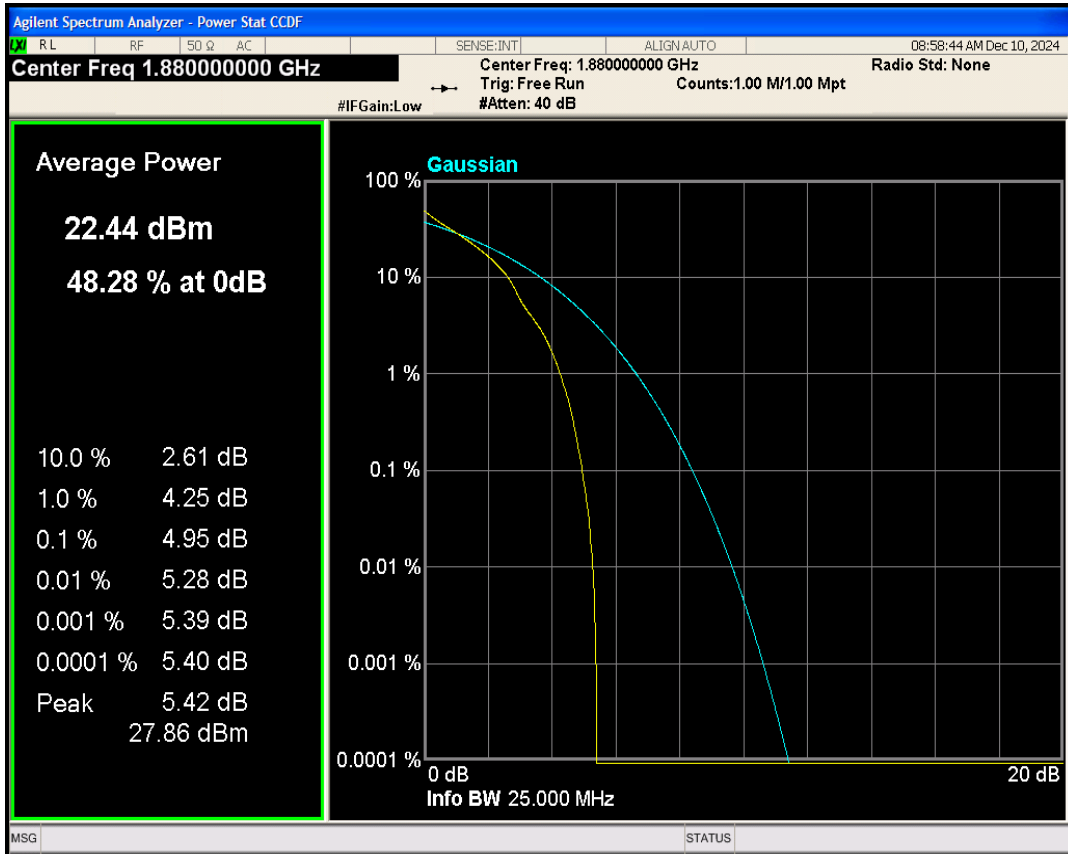
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



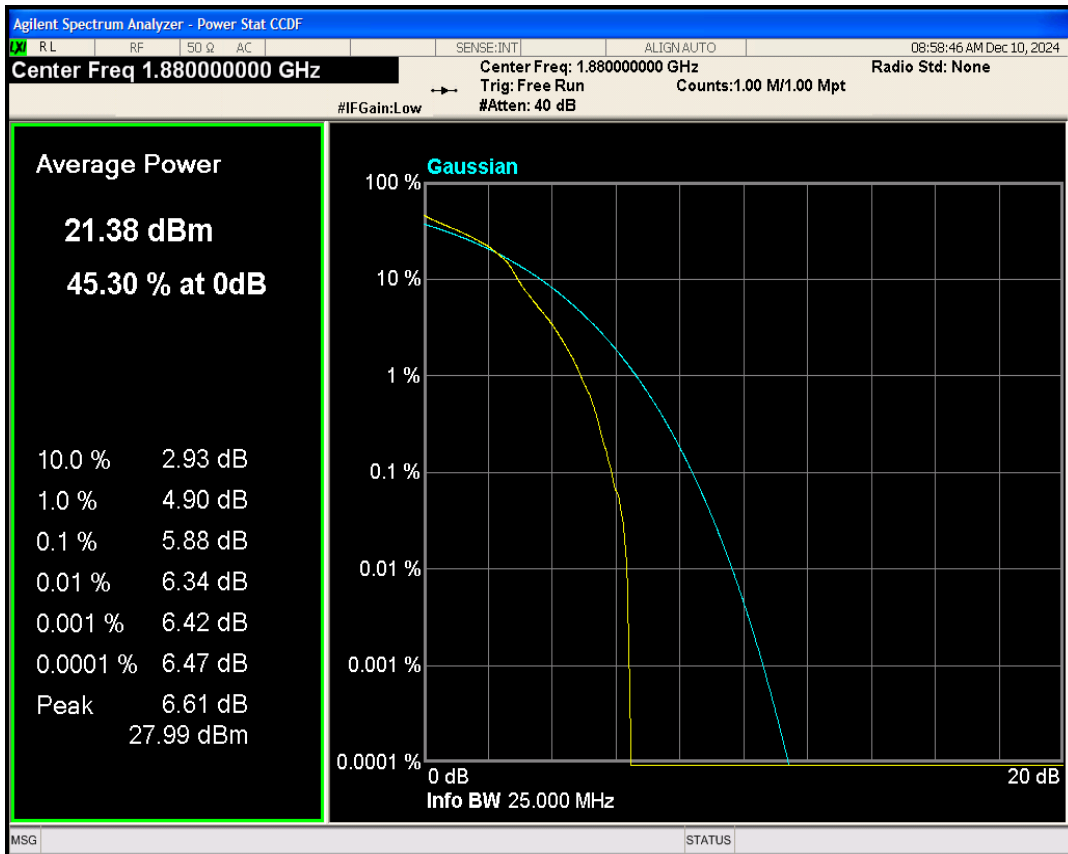
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



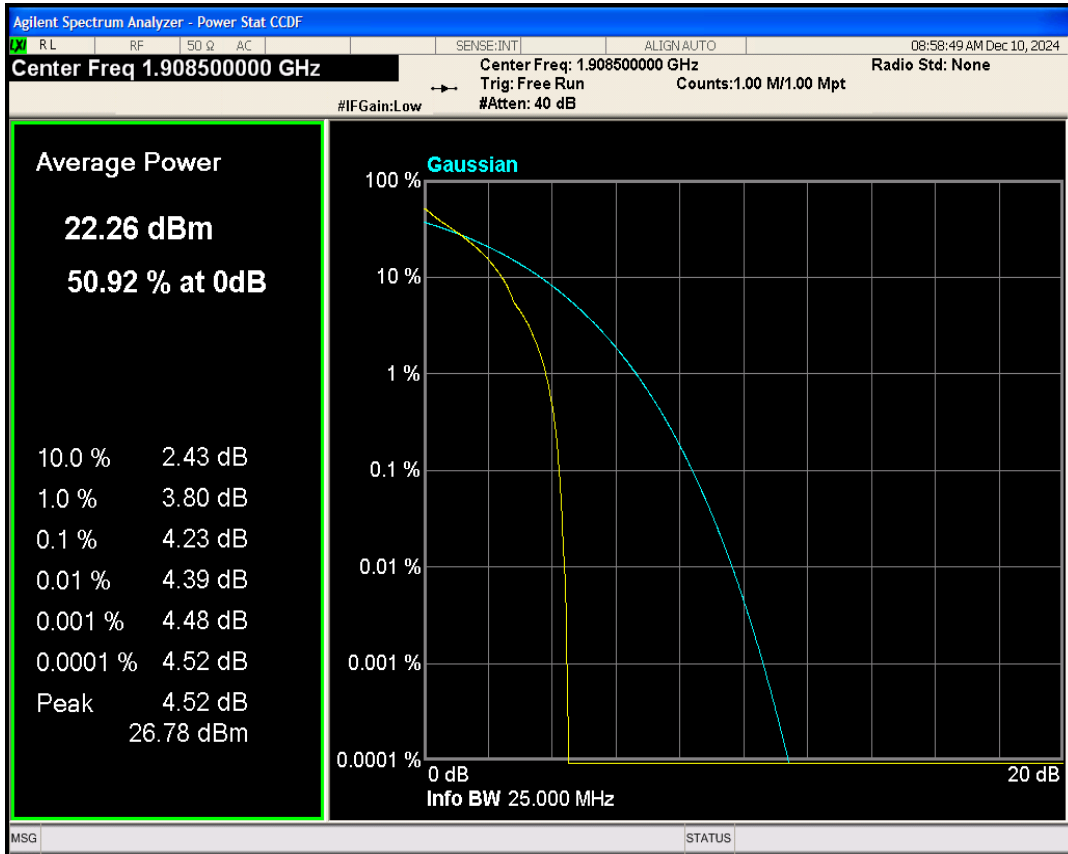
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



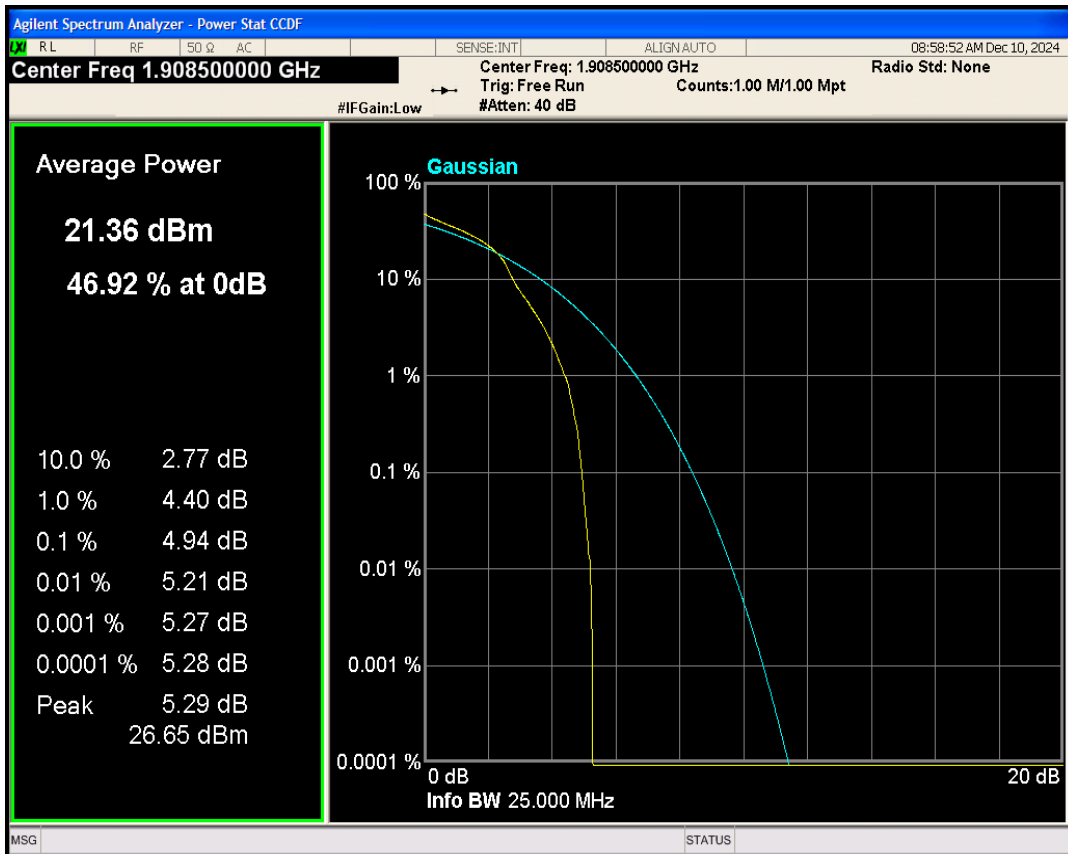
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



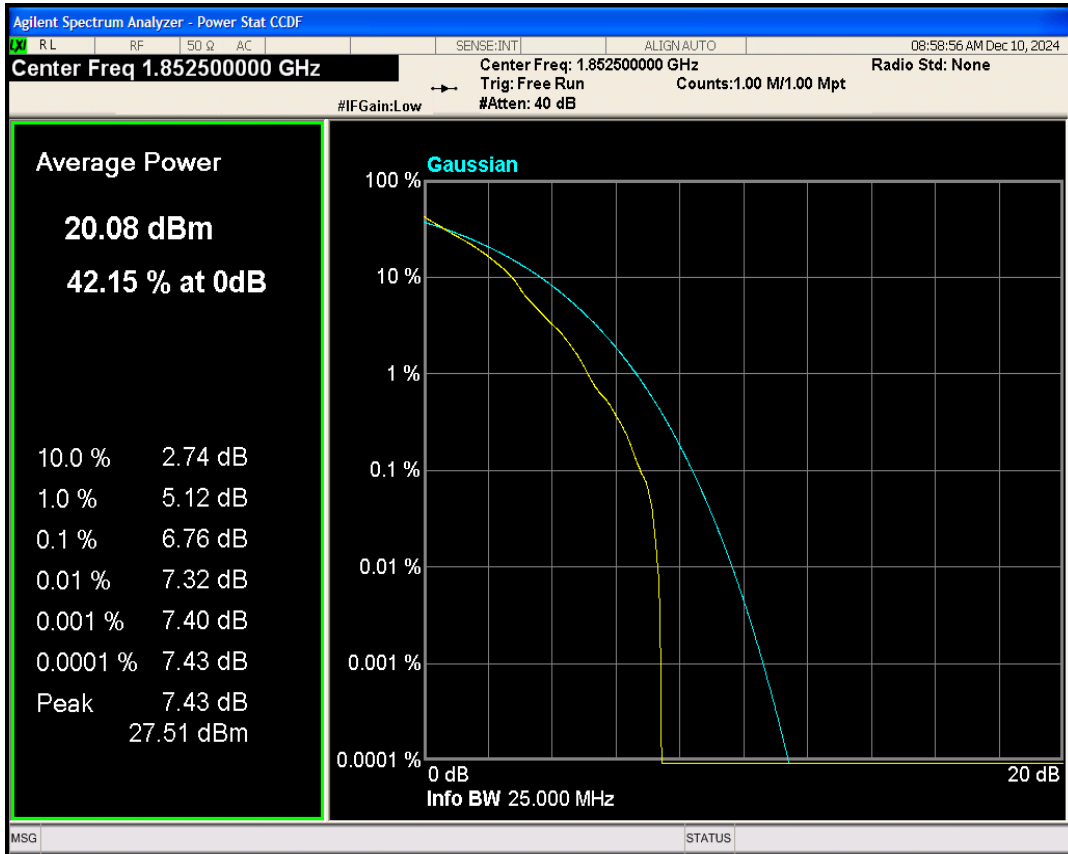
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



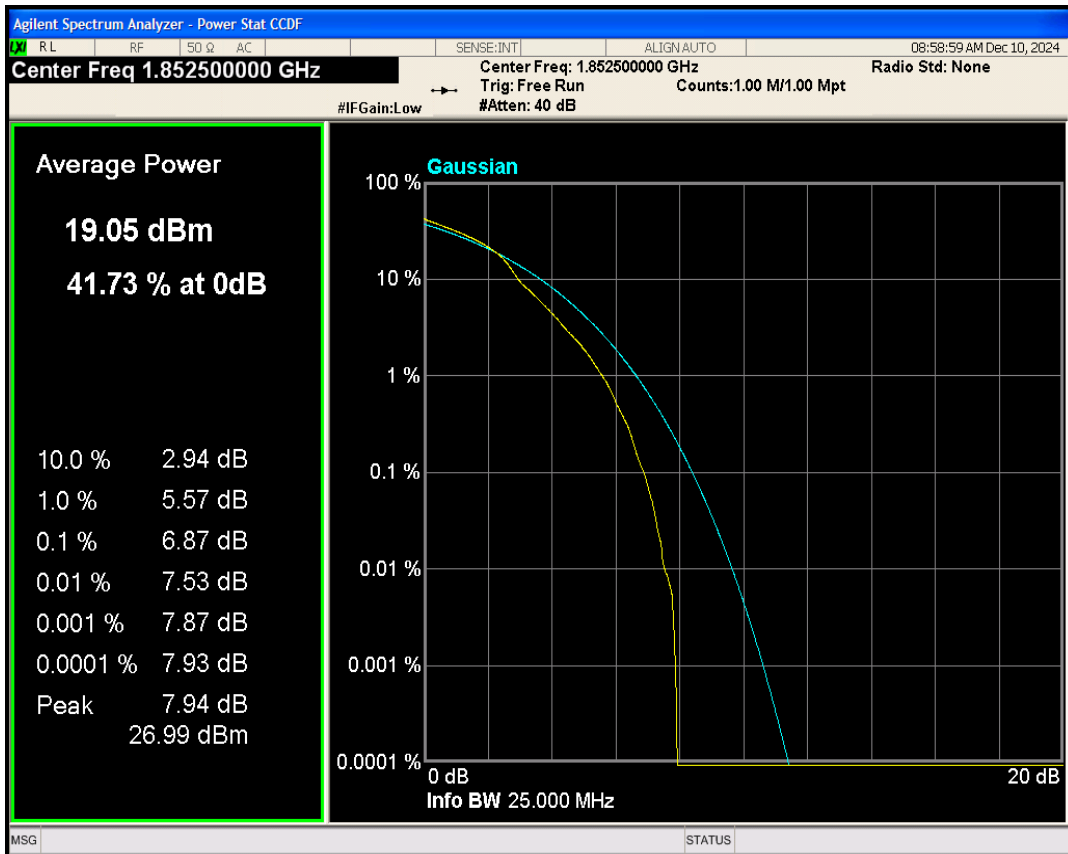
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



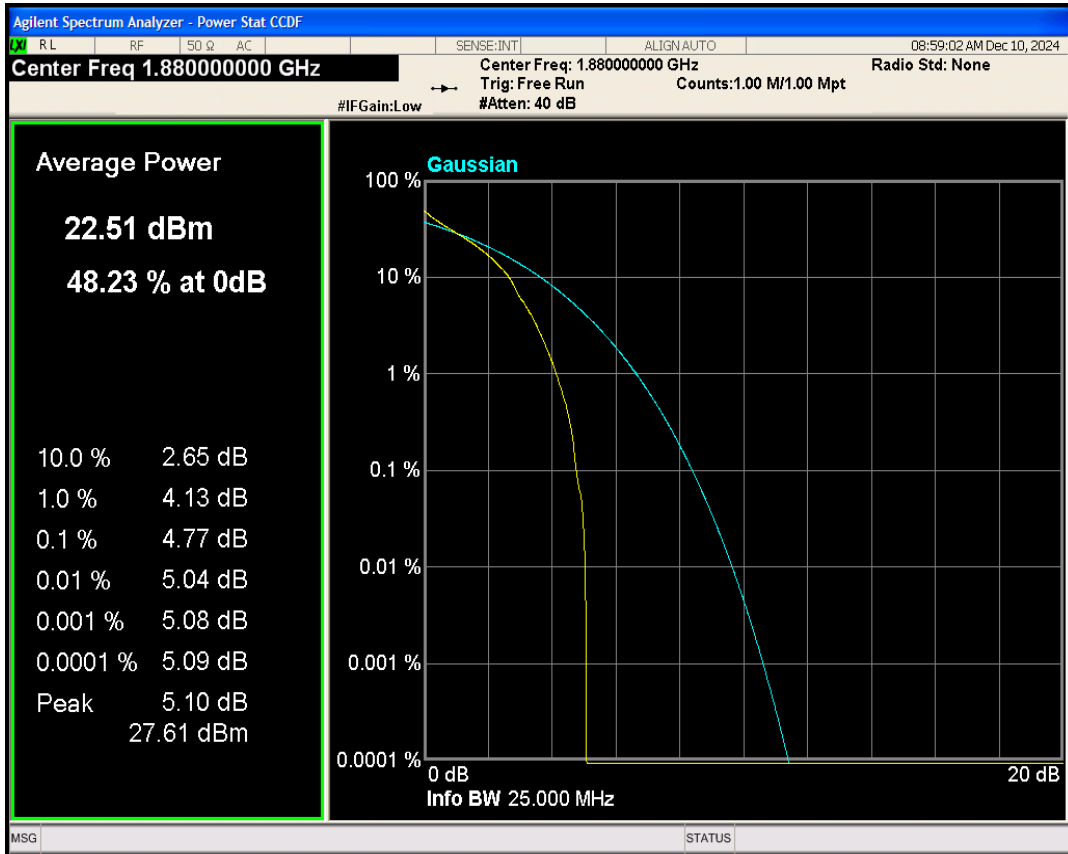
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



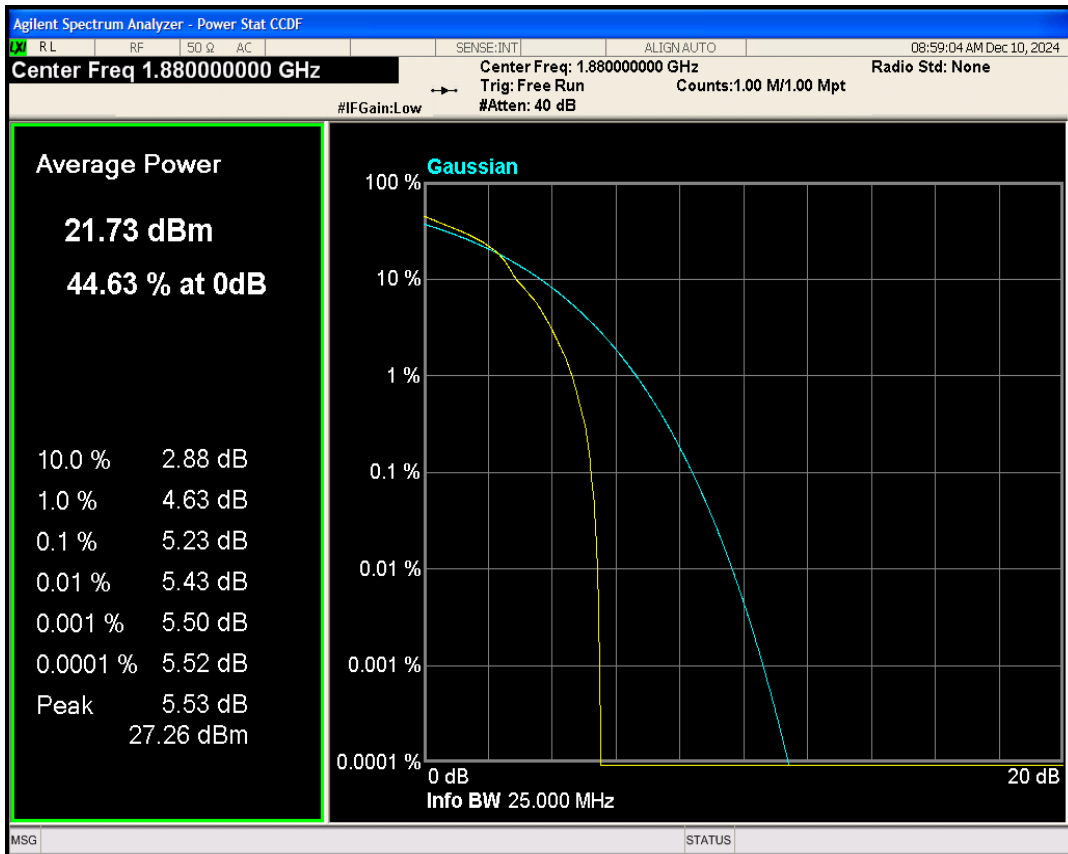
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



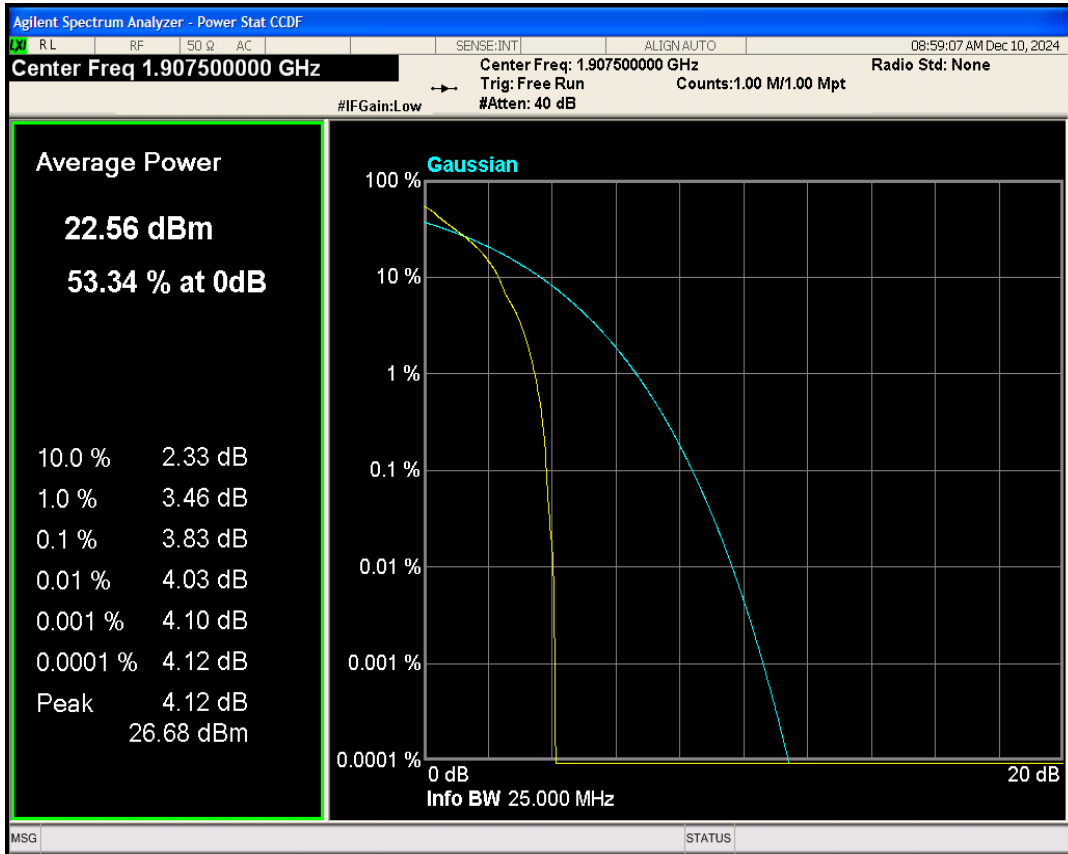
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



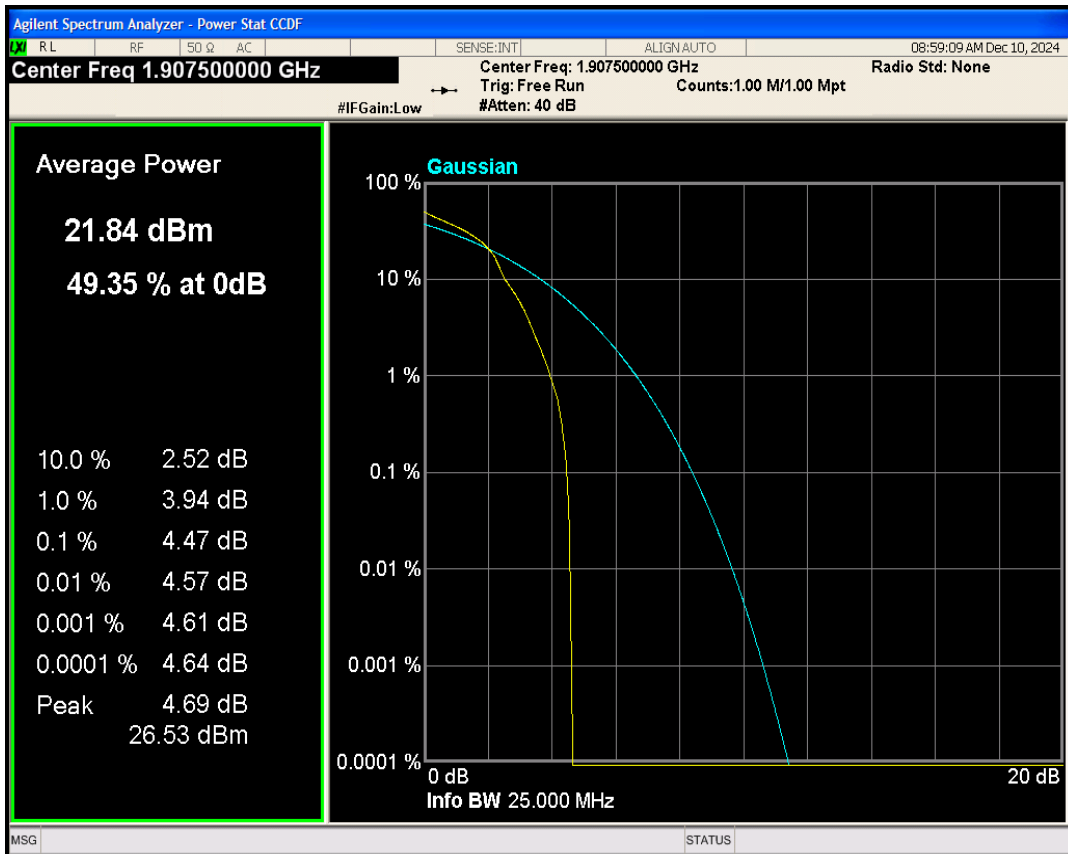
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



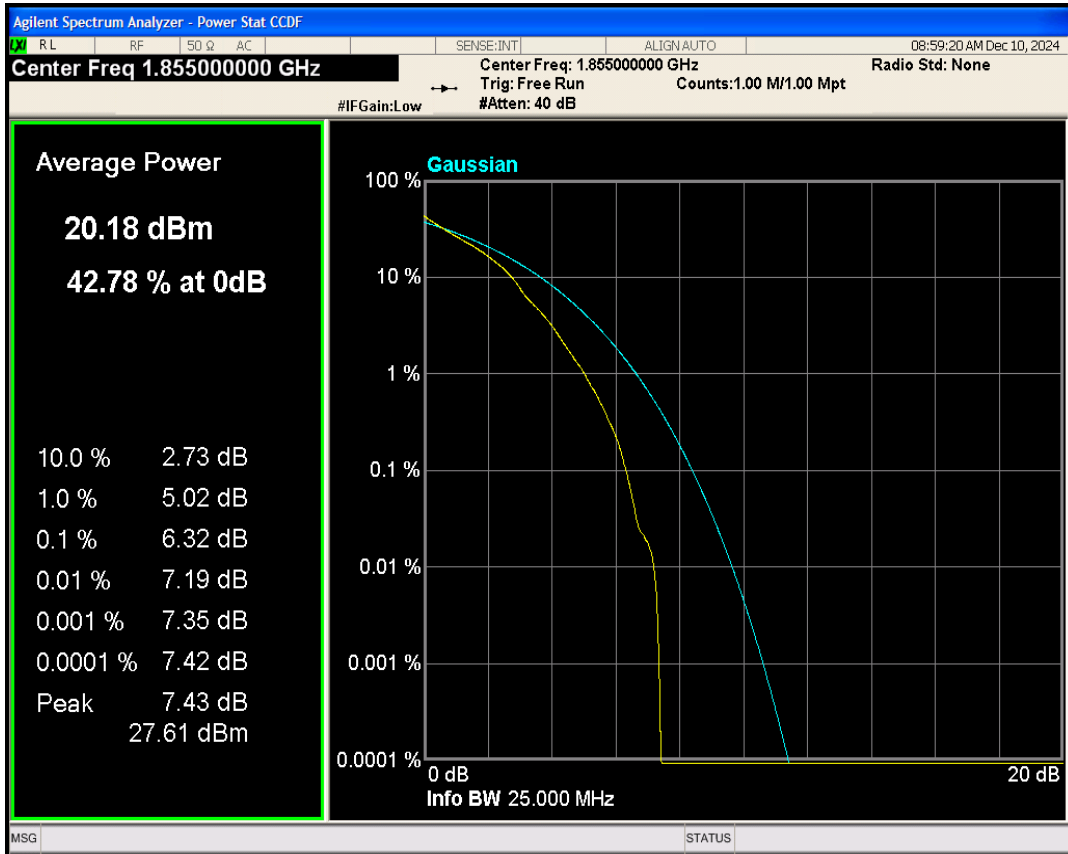
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



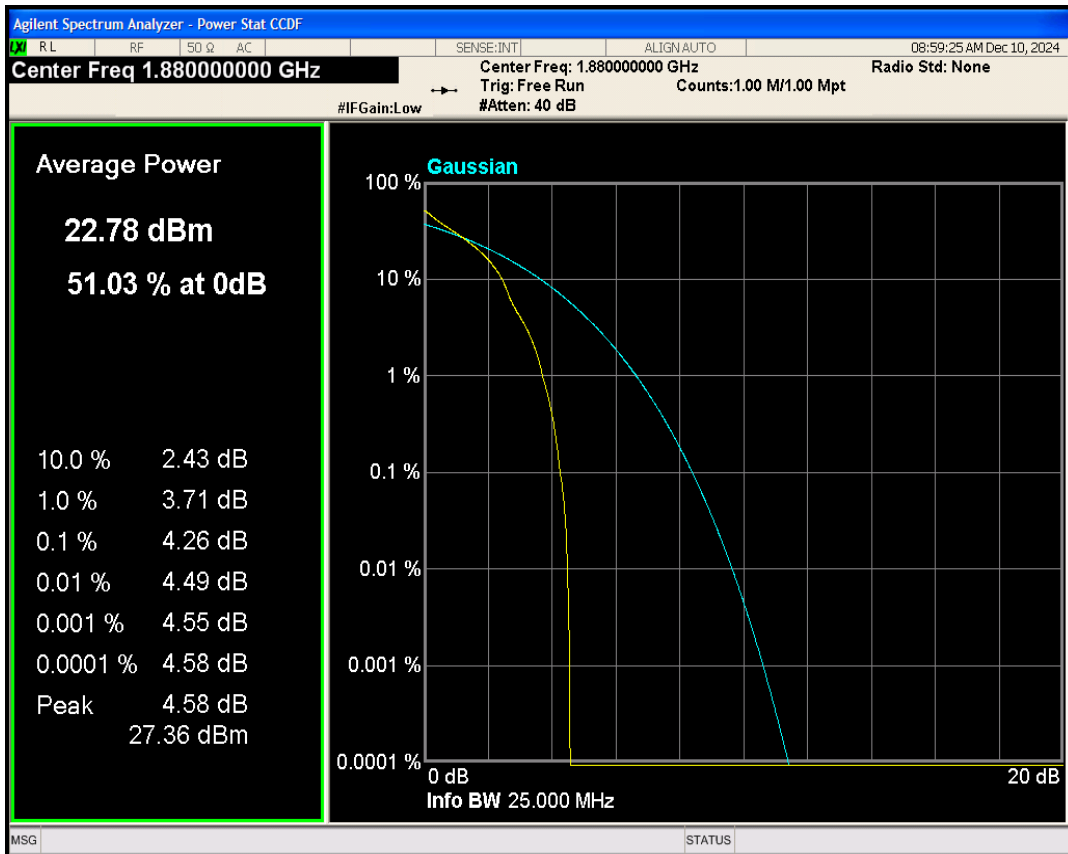
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



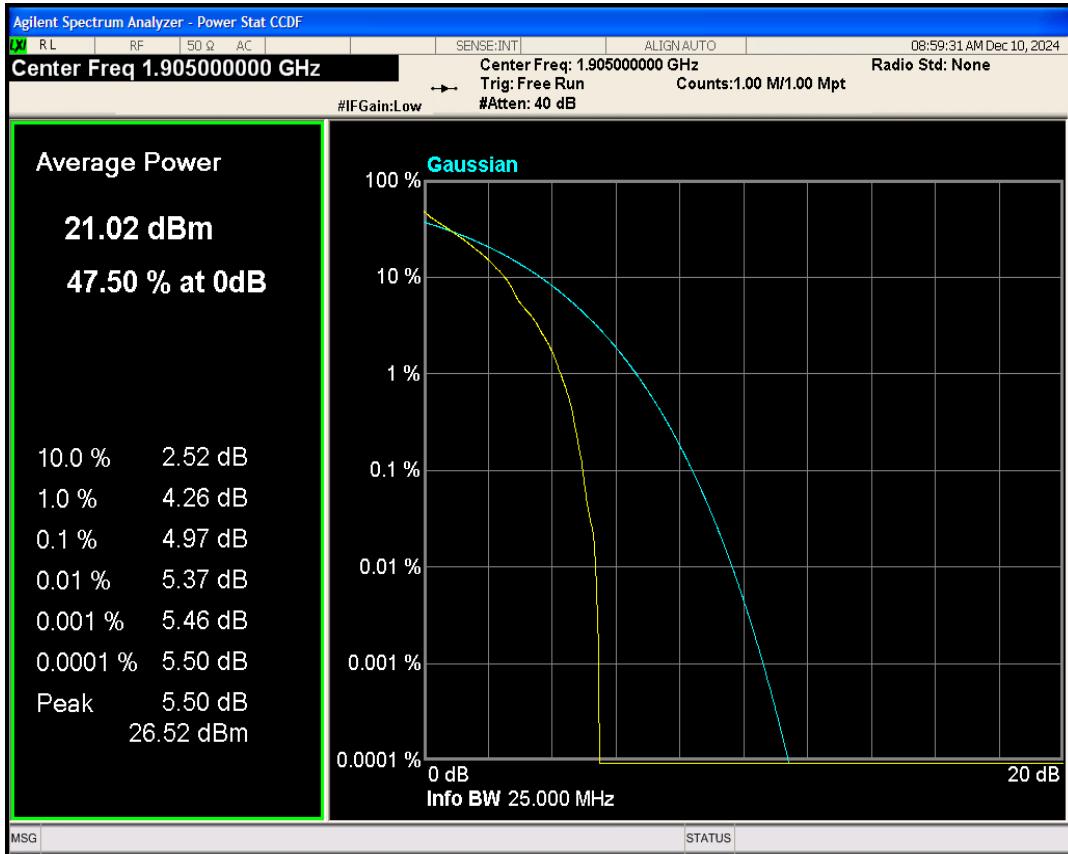
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



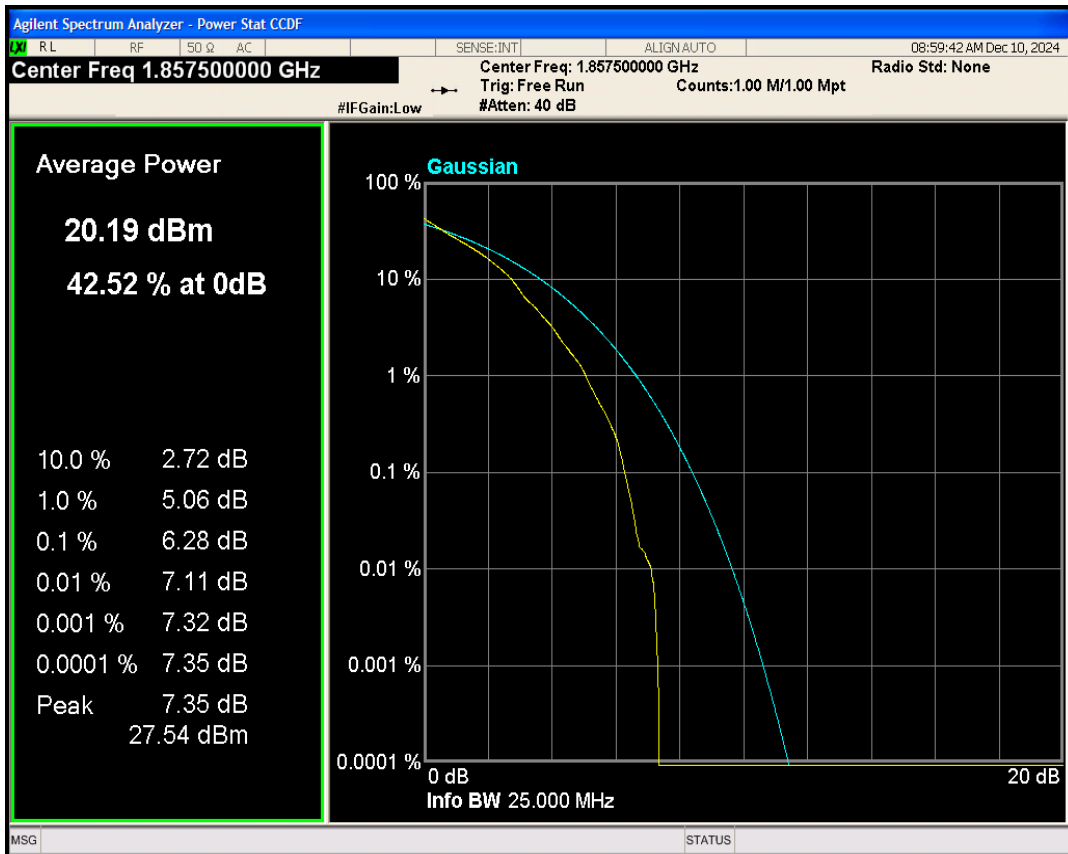
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



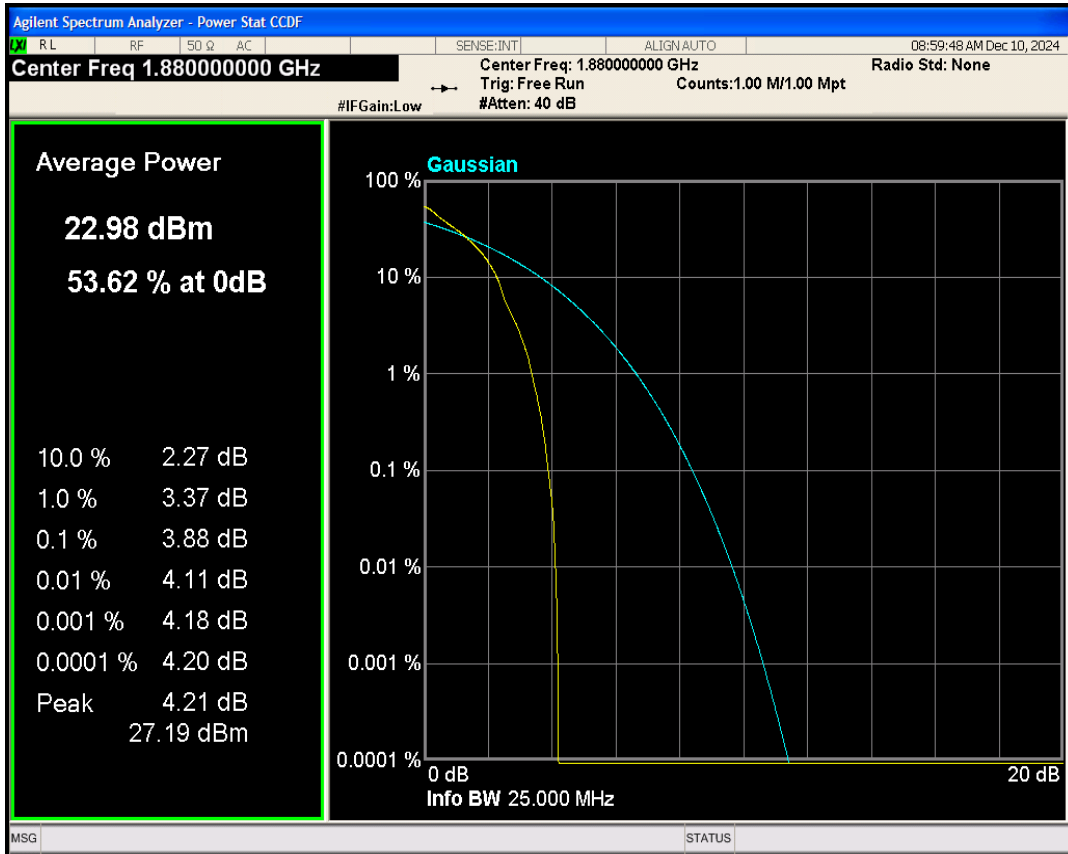
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



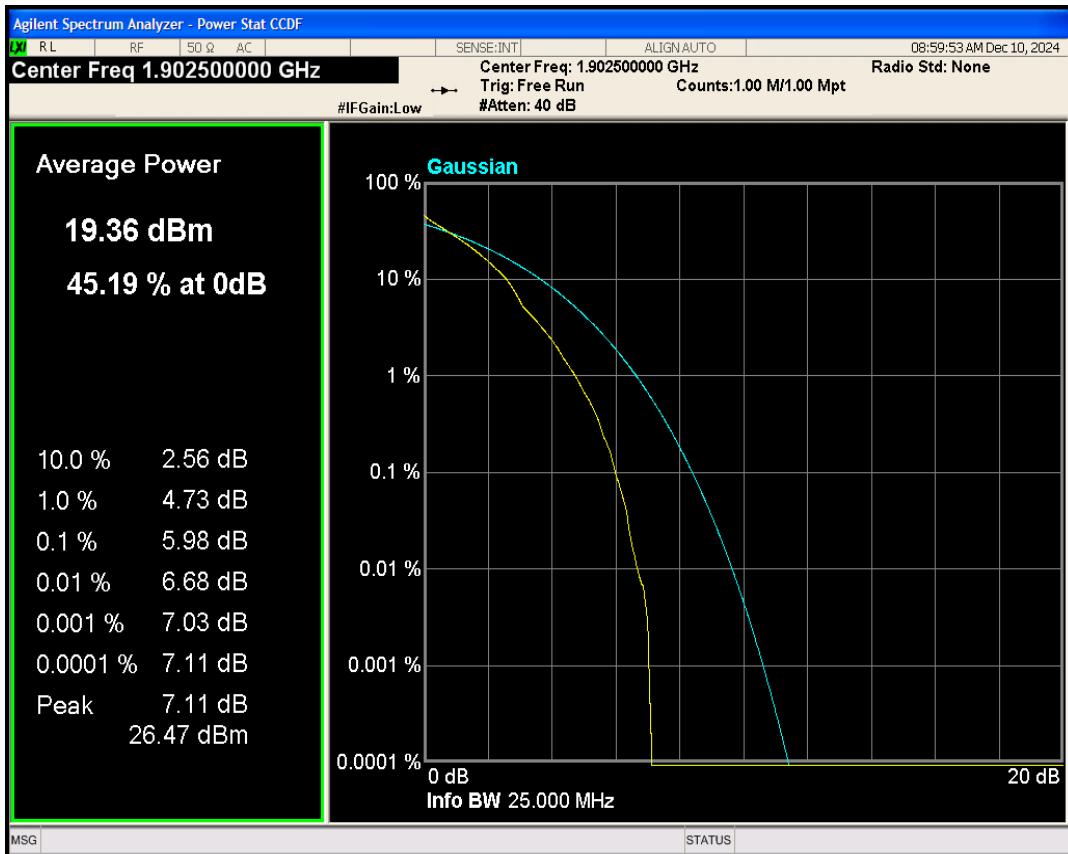
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



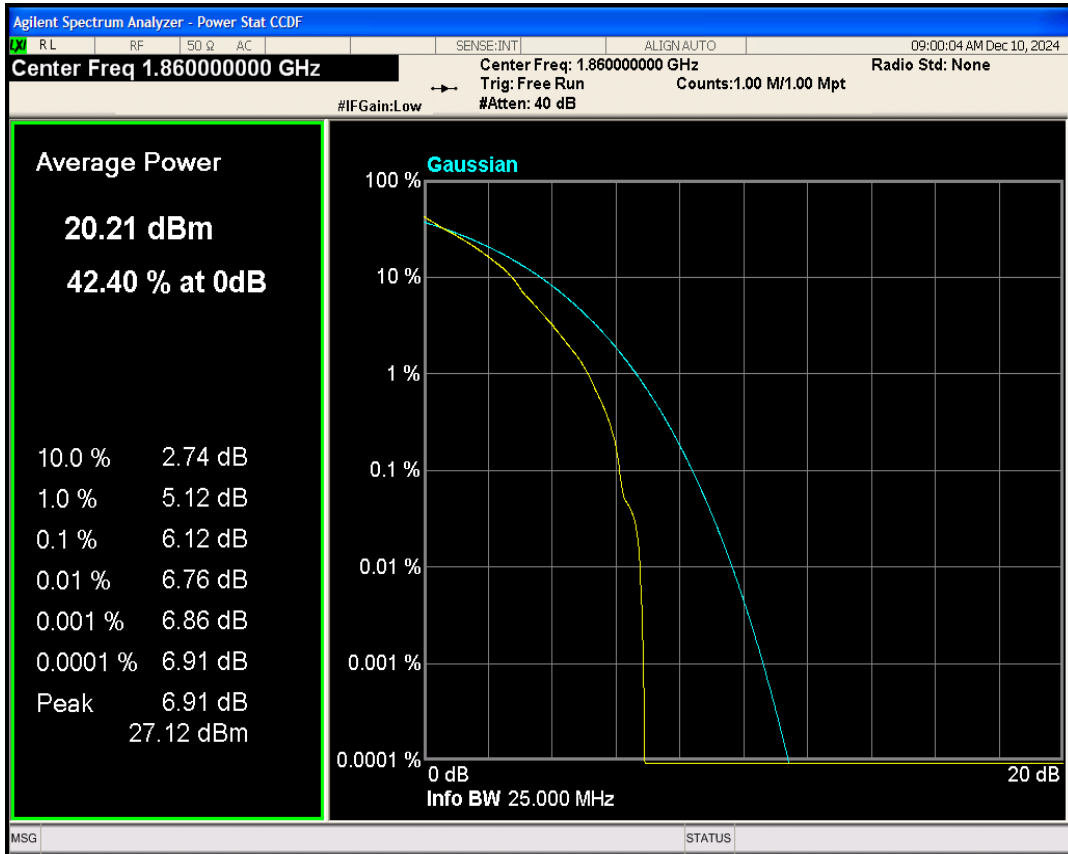
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



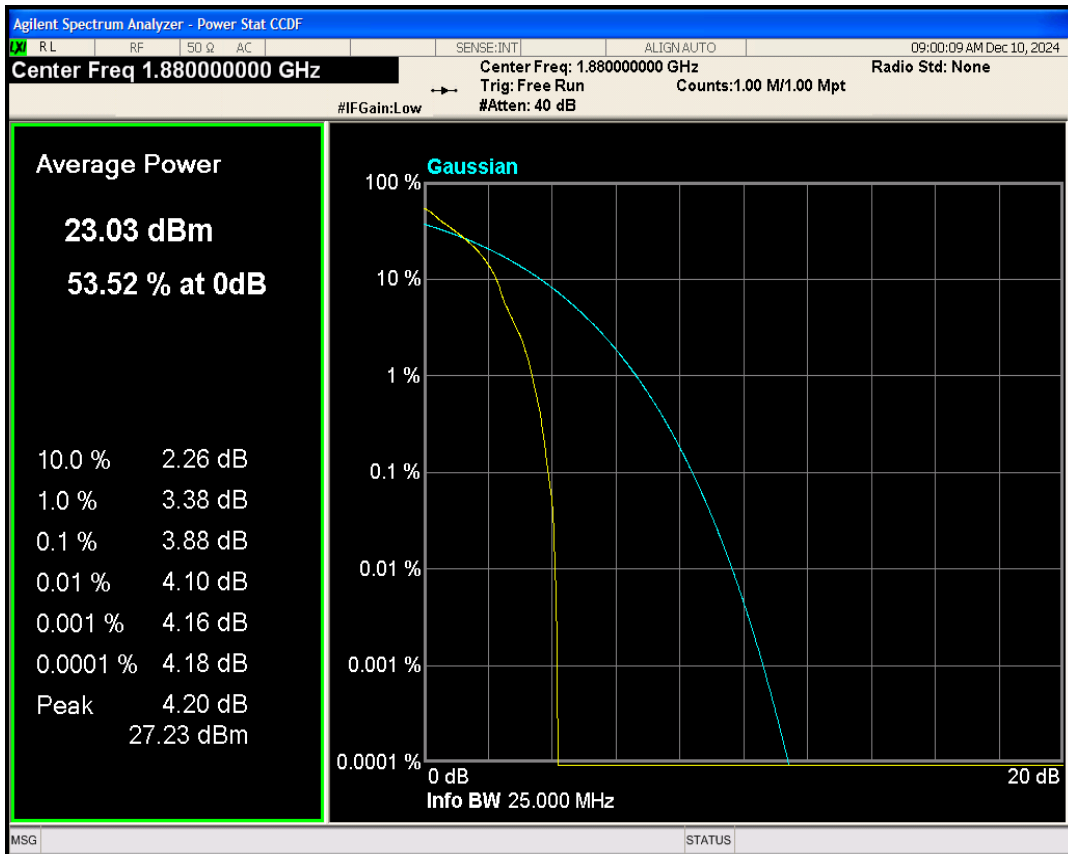
Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



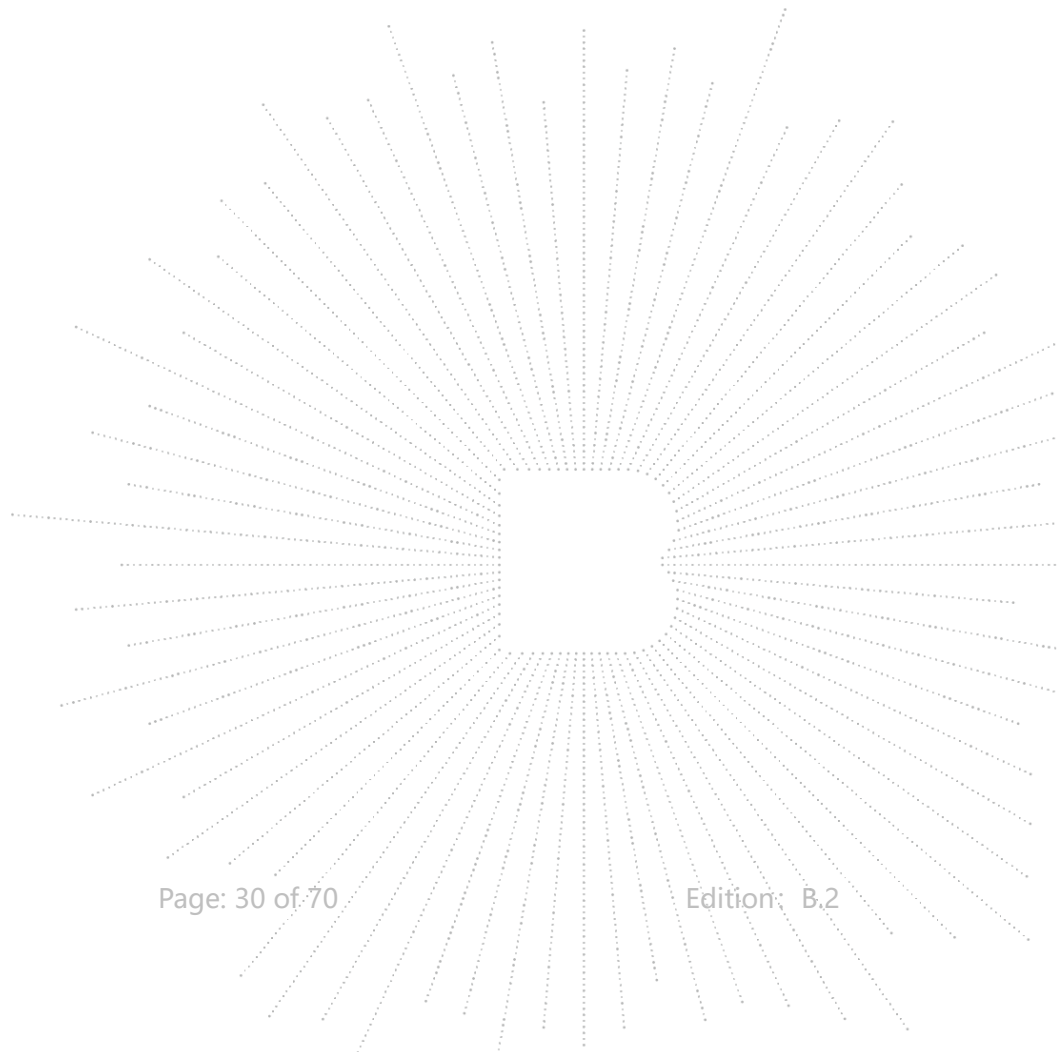
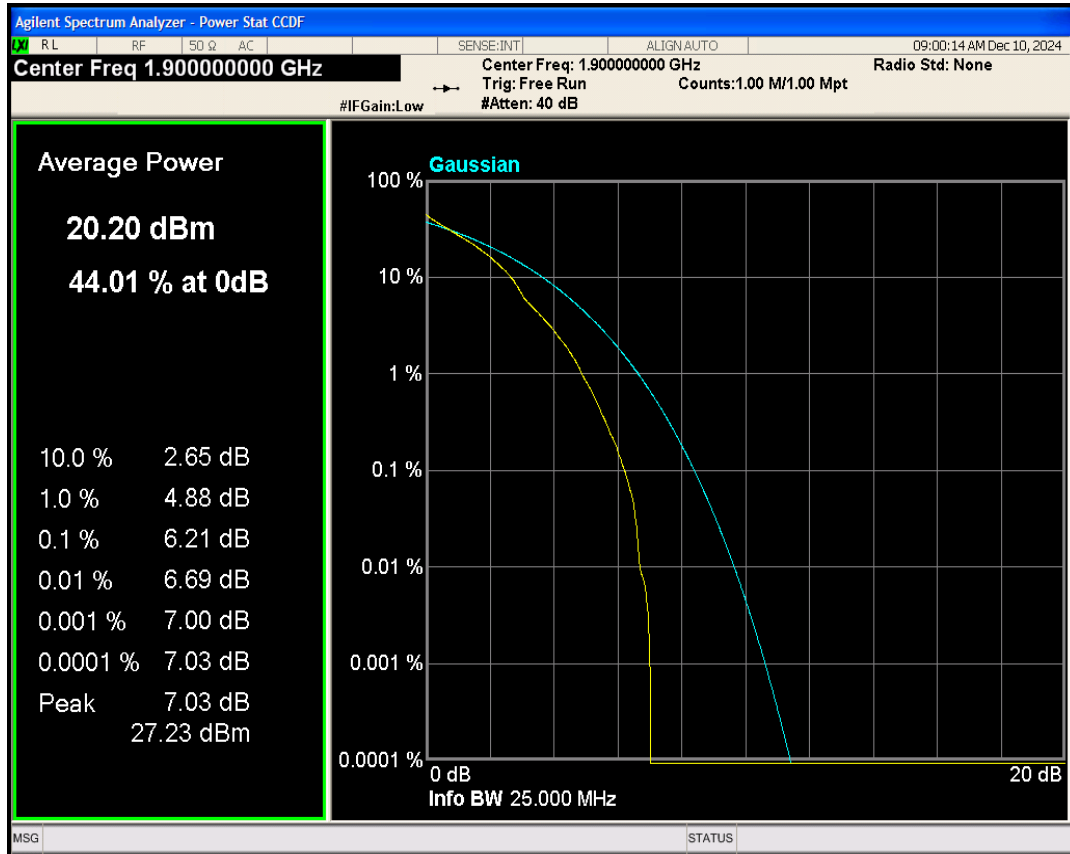
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



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



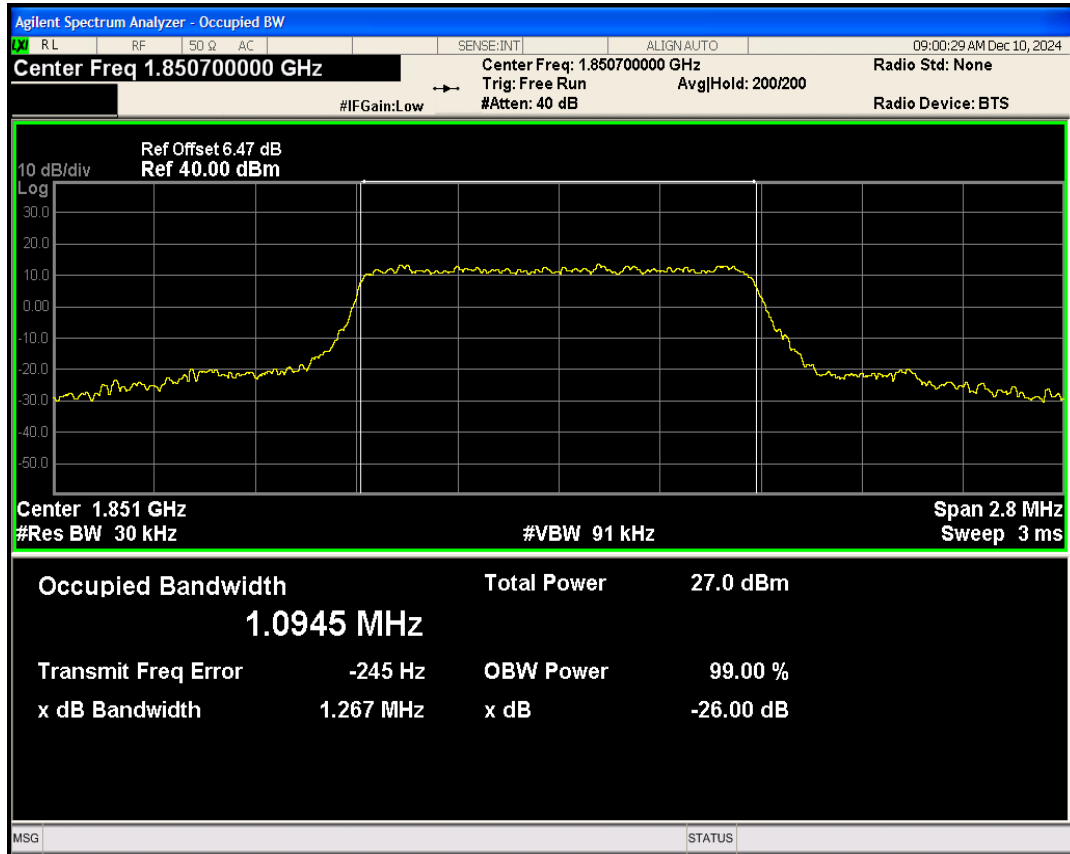
Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



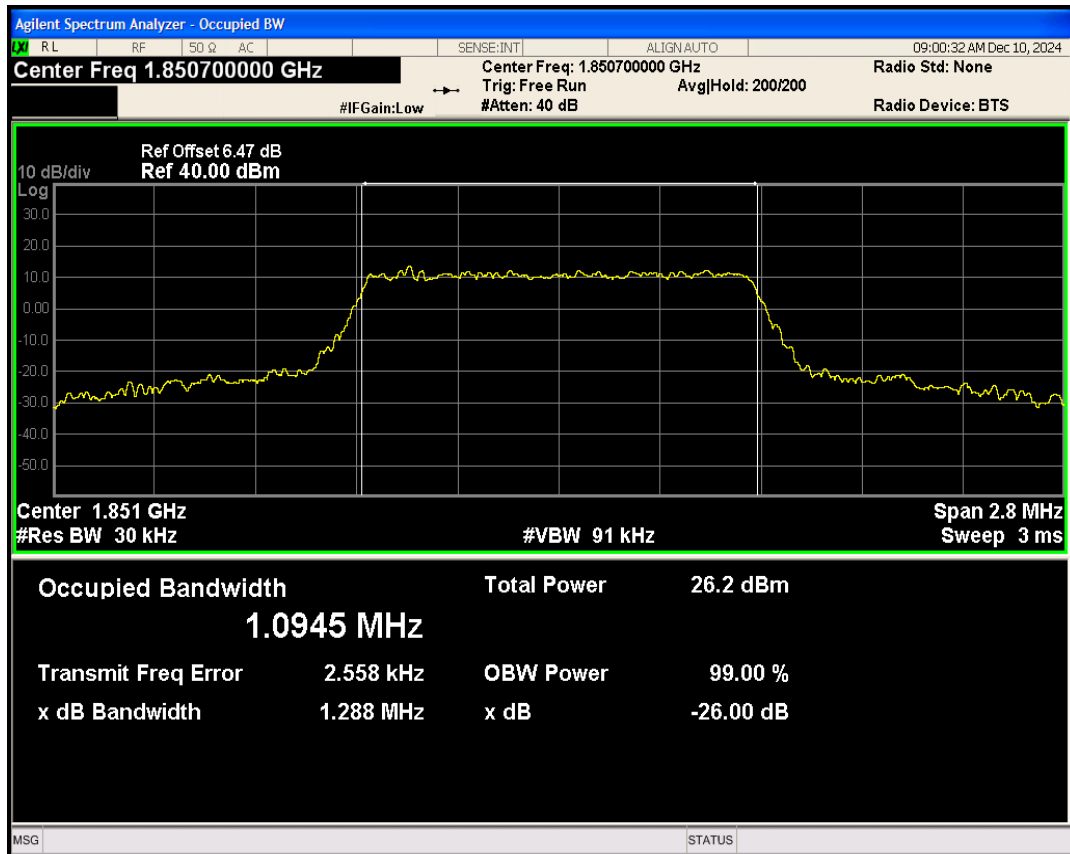
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.095	1.267	PASS
Band2	1.4	18607	6	#0	16QAM	1.094	1.288	PASS
Band2	1.4	18900	6	#0	QPSK	1.094	1.302	PASS
Band2	1.4	18900	6	#0	16QAM	1.096	1.277	PASS
Band2	1.4	19193	6	#0	QPSK	1.105	1.289	PASS
Band2	1.4	19193	6	#0	16QAM	1.099	1.276	PASS
Band2	3	18615	15	#0	QPSK	2.702	2.908	PASS
Band2	3	18615	15	#0	16QAM	2.691	2.927	PASS
Band2	3	18900	15	#0	QPSK	2.705	2.960	PASS
Band2	3	18900	15	#0	16QAM	2.700	2.959	PASS
Band2	3	19185	15	#0	QPSK	2.704	2.951	PASS
Band2	3	19185	15	#0	16QAM	2.691	2.974	PASS
Band2	5	18625	25	#0	QPSK	4.509	4.927	PASS
Band2	5	18625	25	#0	16QAM	4.505	4.883	PASS
Band2	5	18900	25	#0	QPSK	4.505	4.954	PASS
Band2	5	18900	25	#0	16QAM	4.521	4.939	PASS
Band2	5	19175	25	#0	QPSK	4.513	4.913	PASS
Band2	5	19175	25	#0	16QAM	4.526	4.988	PASS
Band2	10	18650	50	#0	QPSK	8.947	9.662	PASS
Band2	10	18900	50	#0	QPSK	8.970	9.764	PASS
Band2	10	19150	50	#0	QPSK	8.962	9.657	PASS
Band2	15	18675	75	#0	QPSK	13.472	14.504	PASS
Band2	15	18900	75	#0	QPSK	13.449	14.362	PASS
Band2	15	19125	75	#0	QPSK	13.382	14.334	PASS
Band2	20	18700	100	#0	QPSK	17.944	19.104	PASS
Band2	20	18900	100	#0	QPSK	17.870	19.148	PASS
Band2	20	19100	100	#0	QPSK	17.921	19.027	PASS

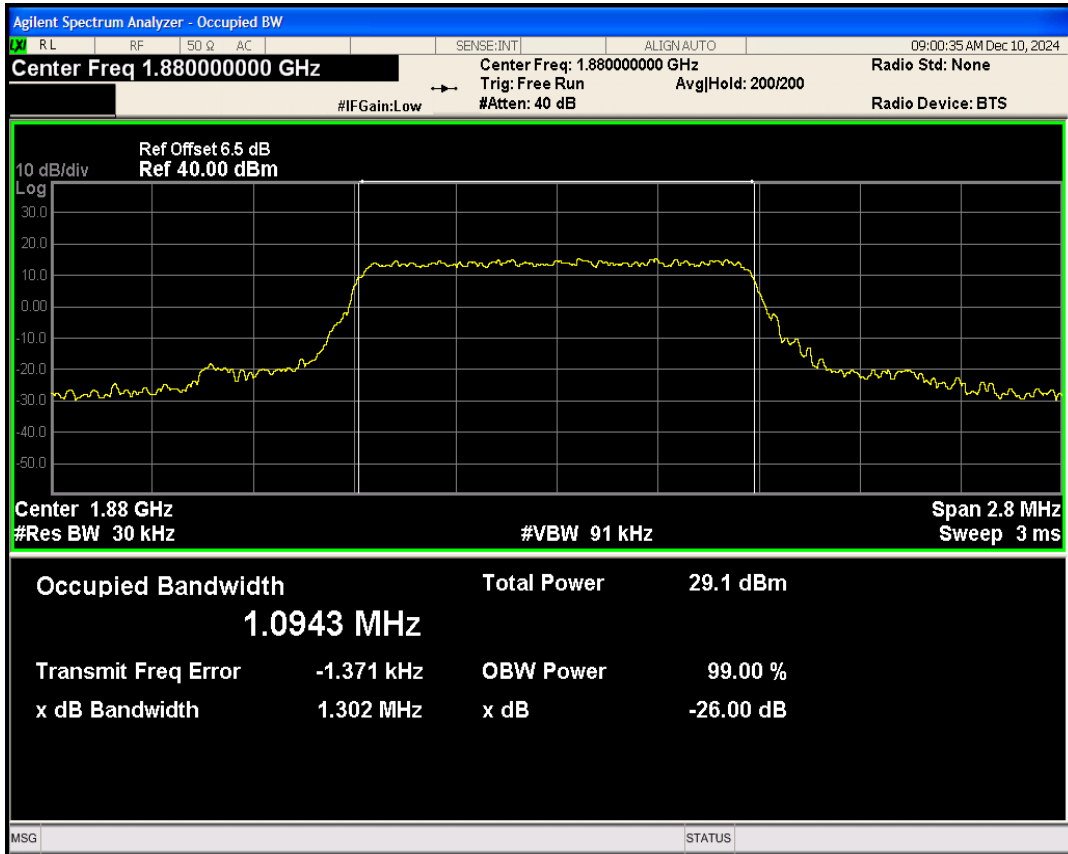
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



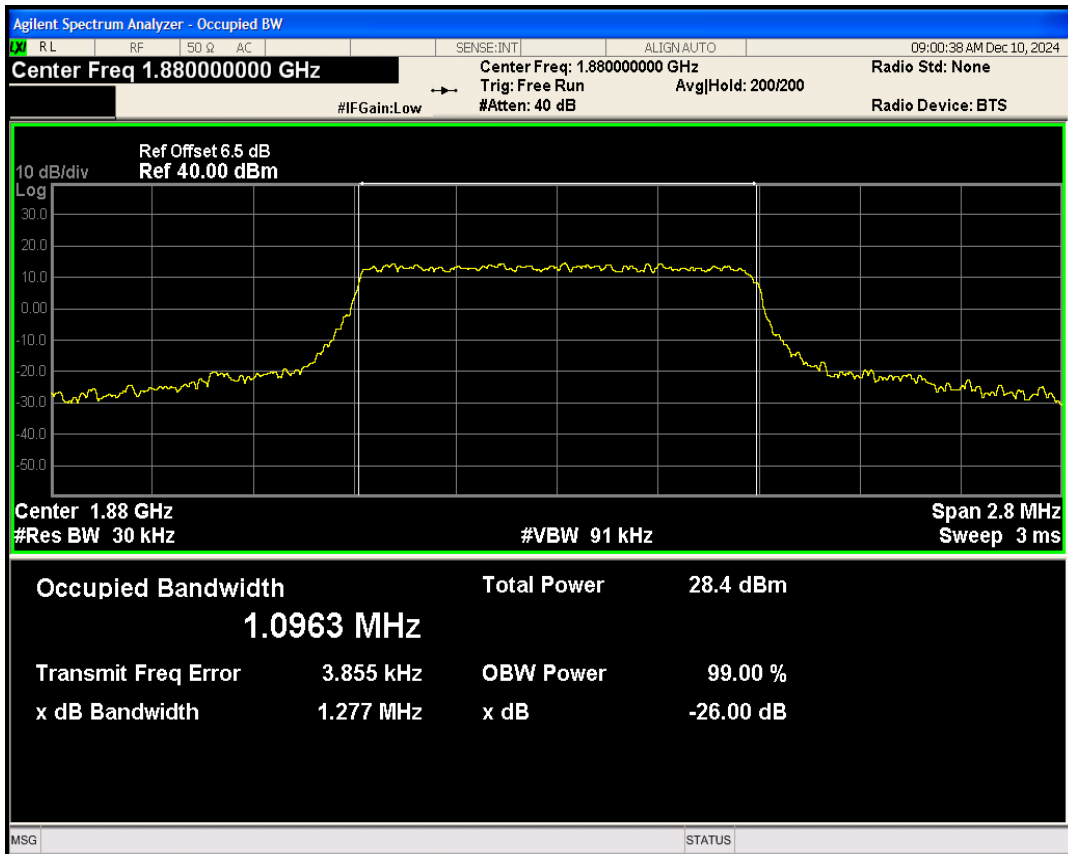
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



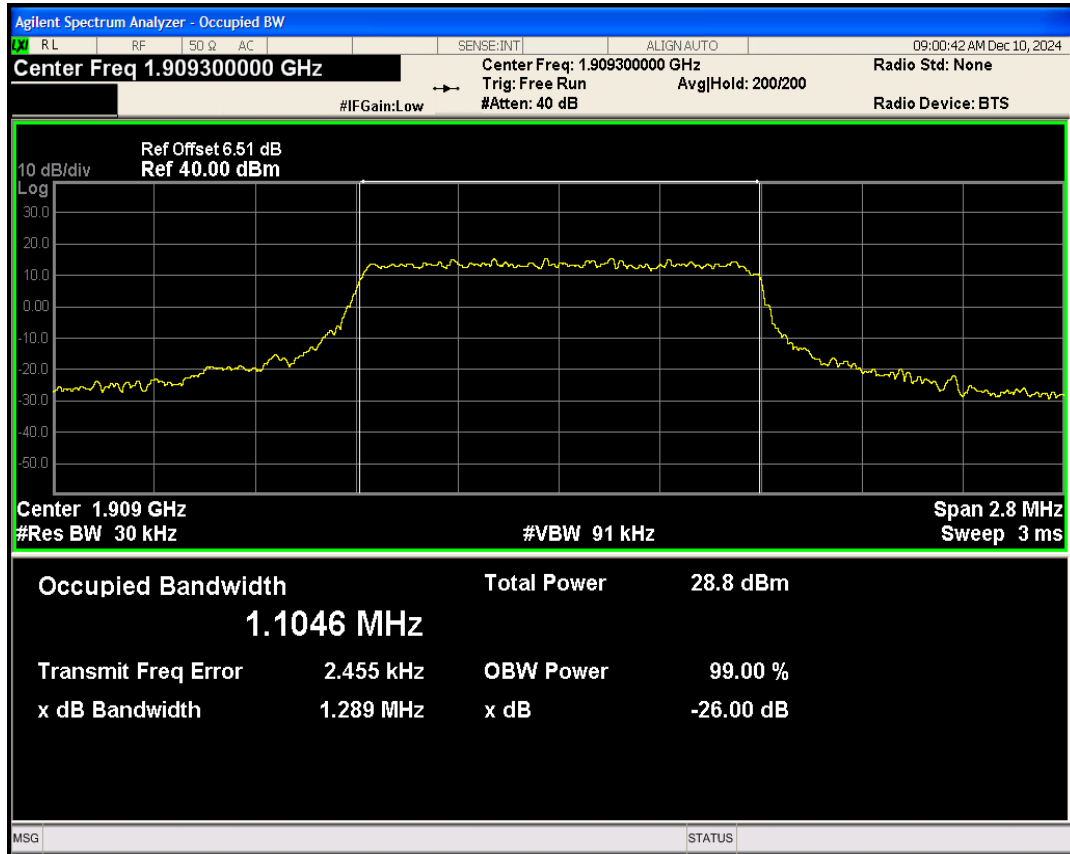
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



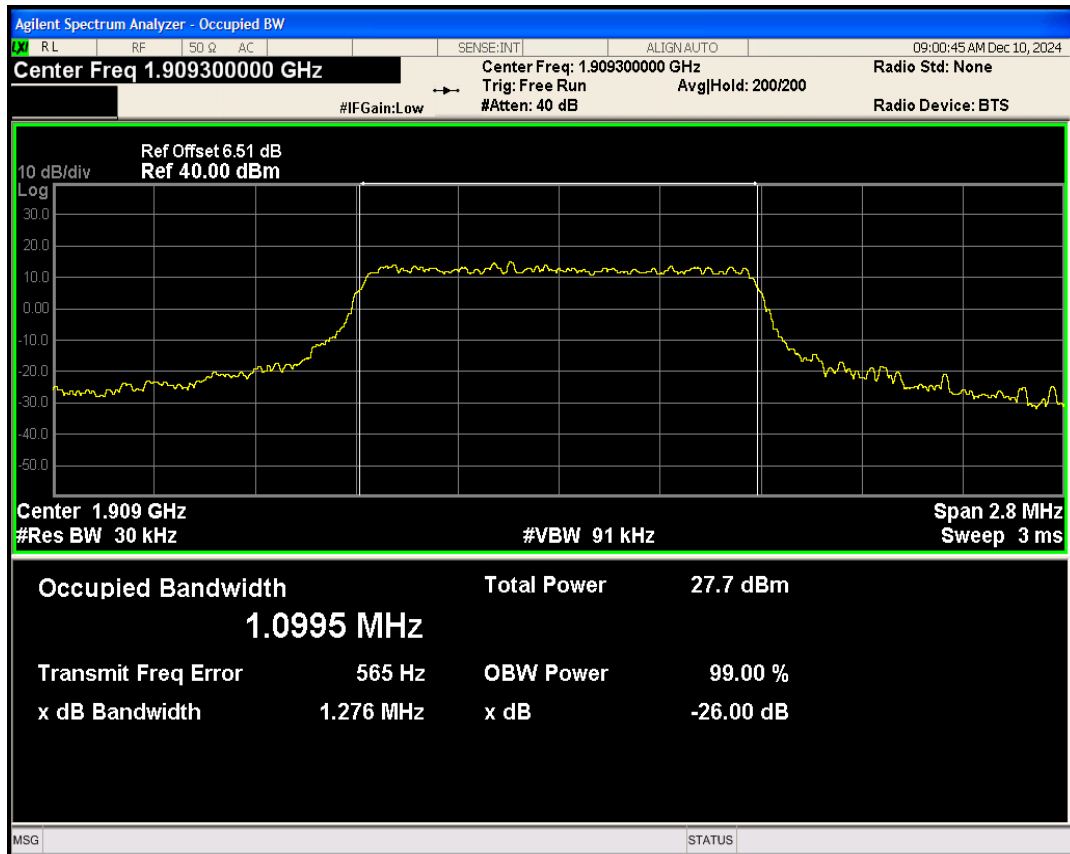
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



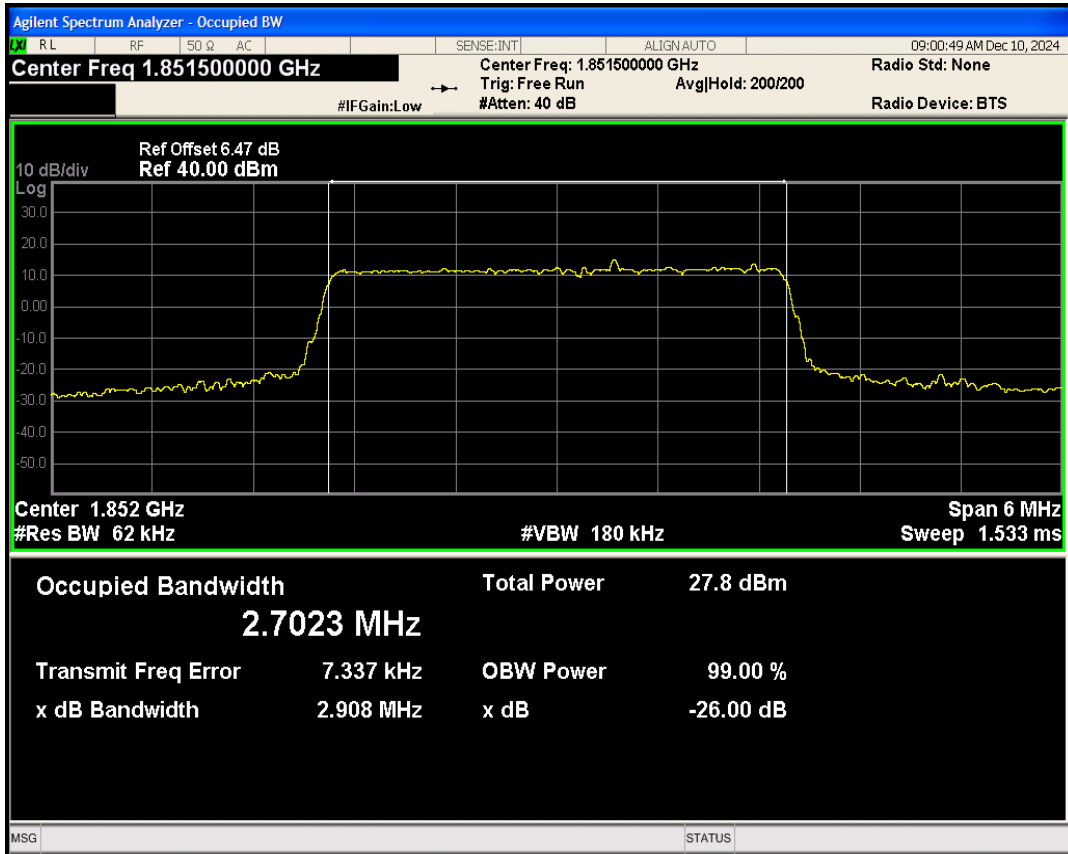
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



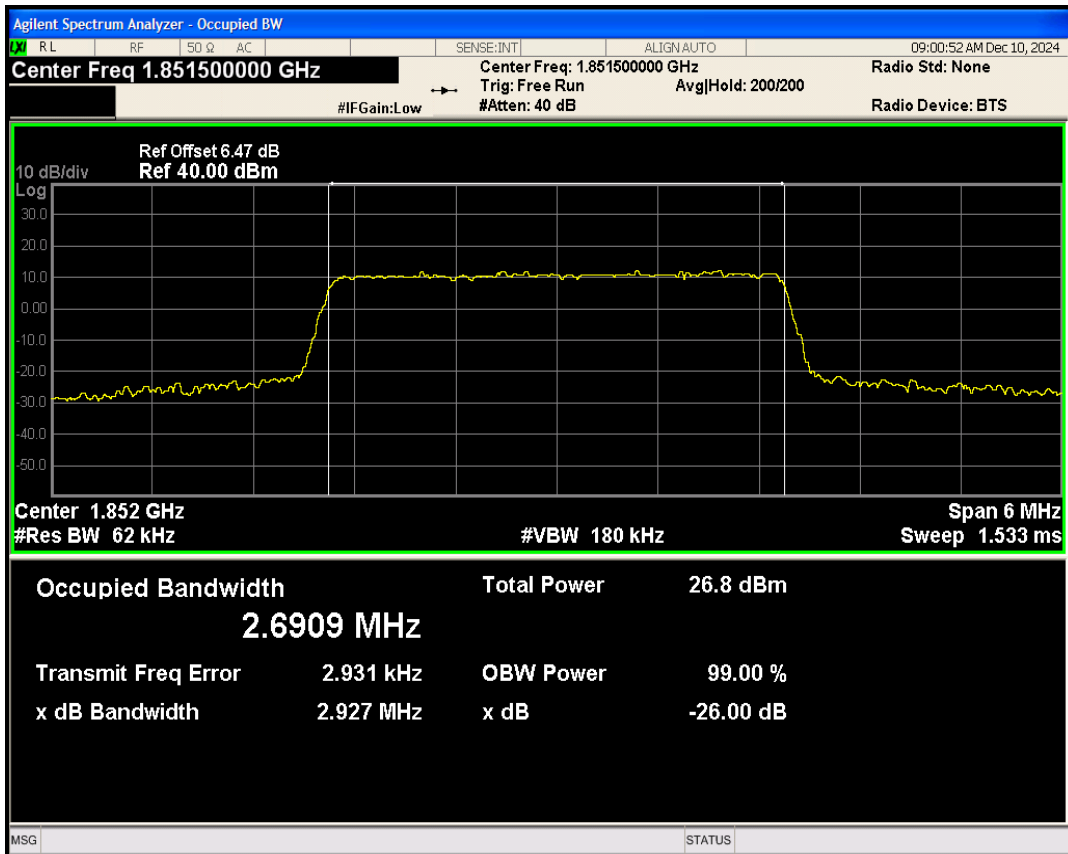
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



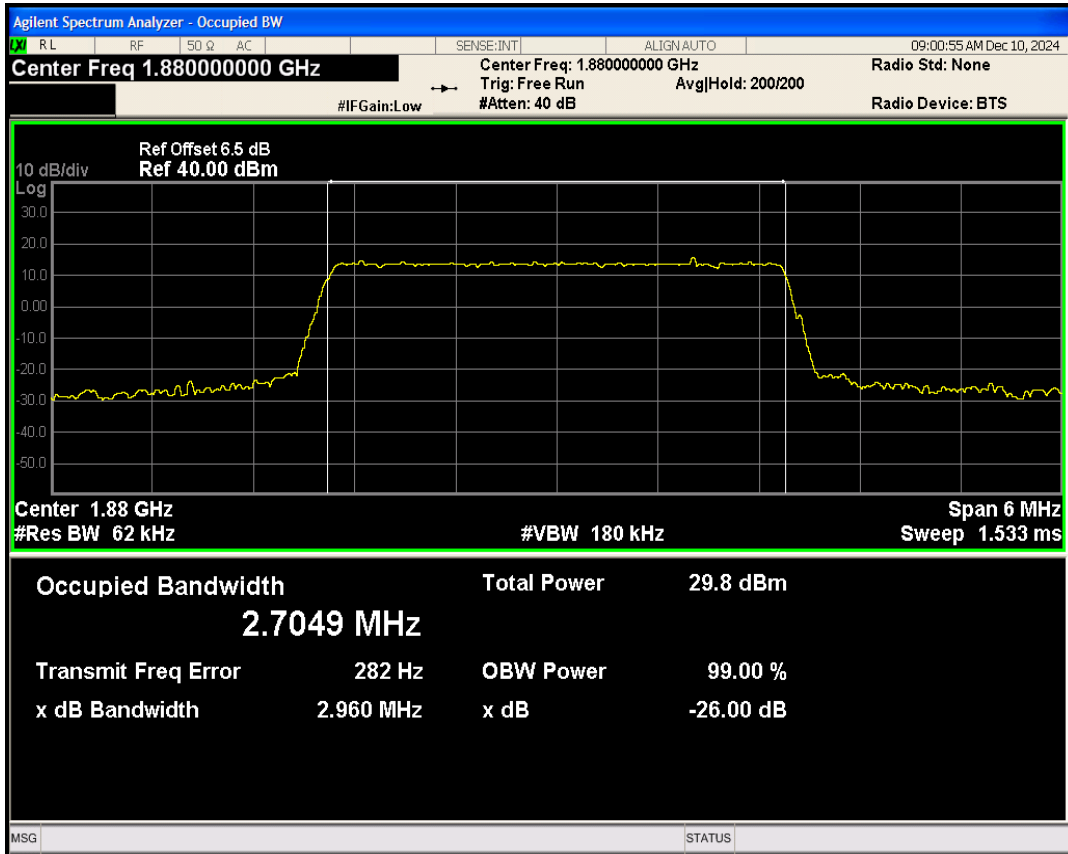
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



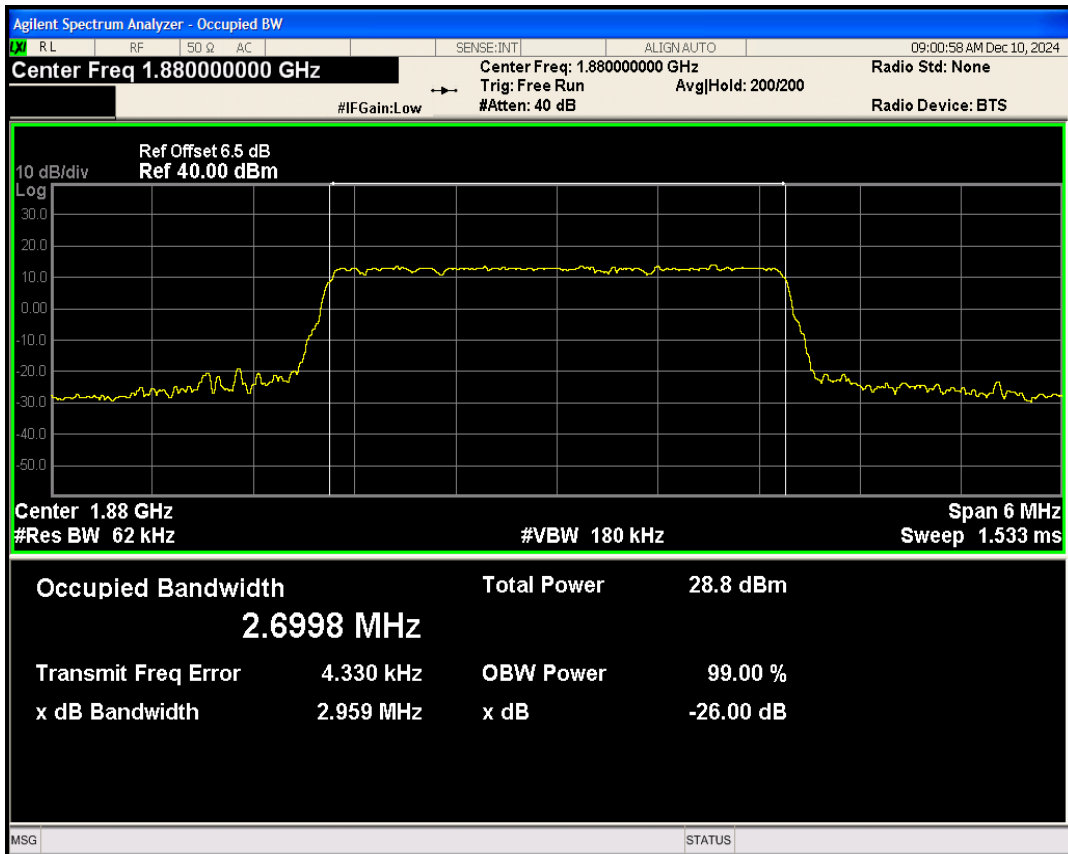
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



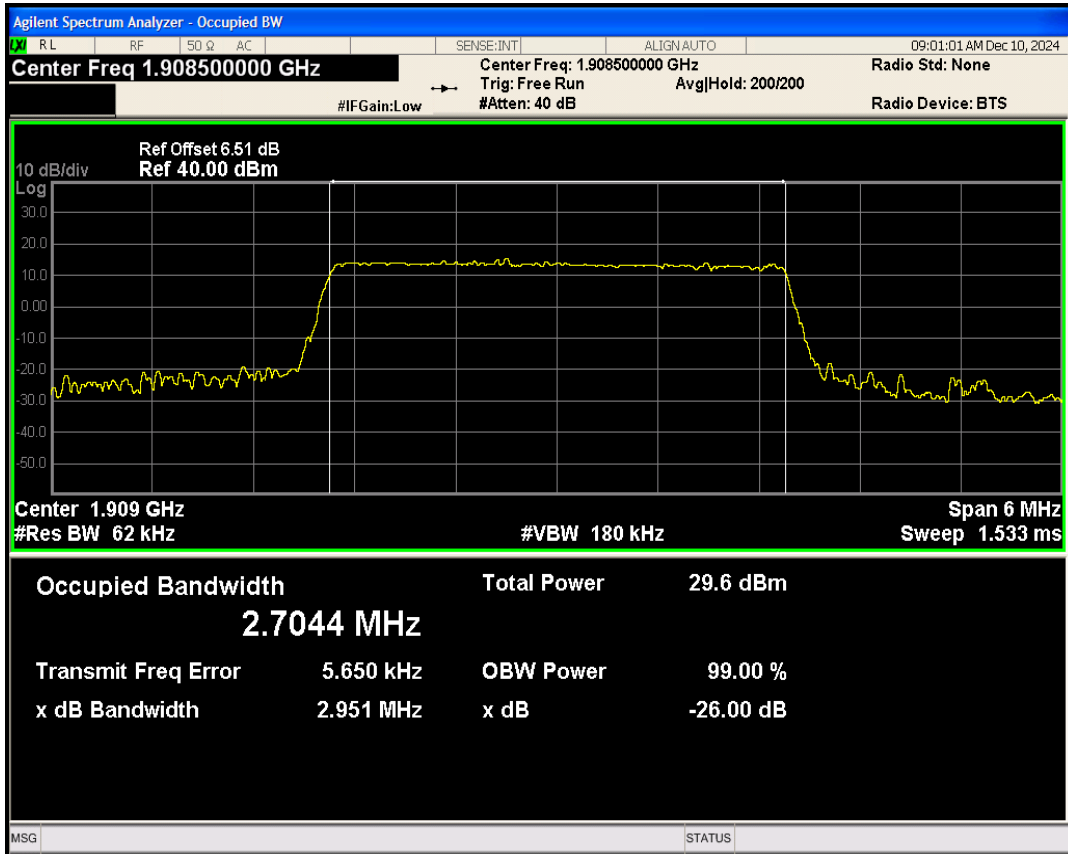
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



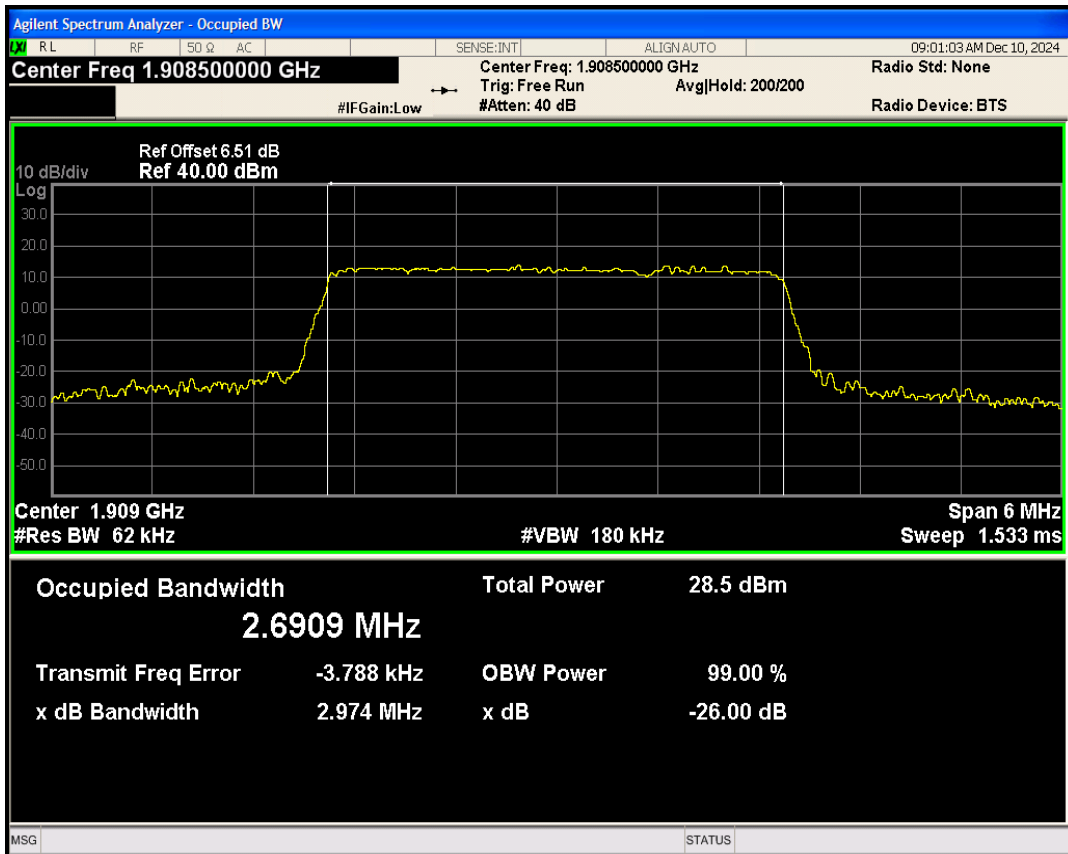
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



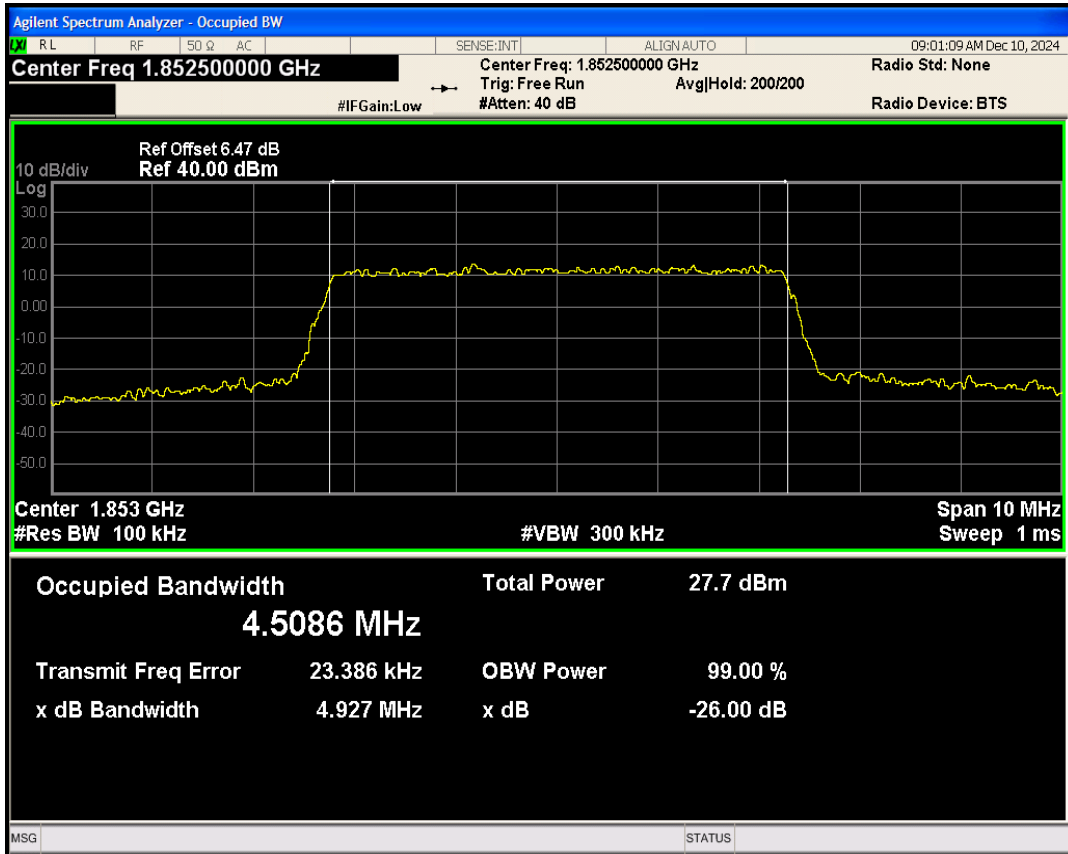
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



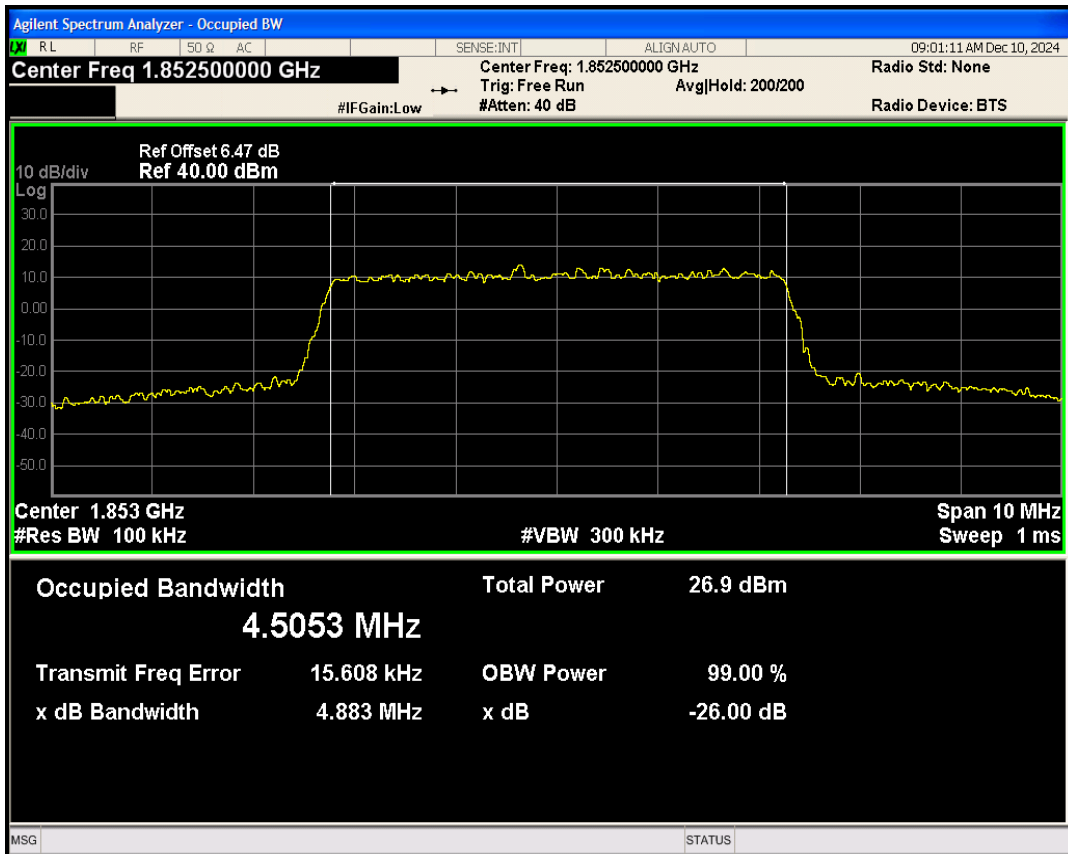
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



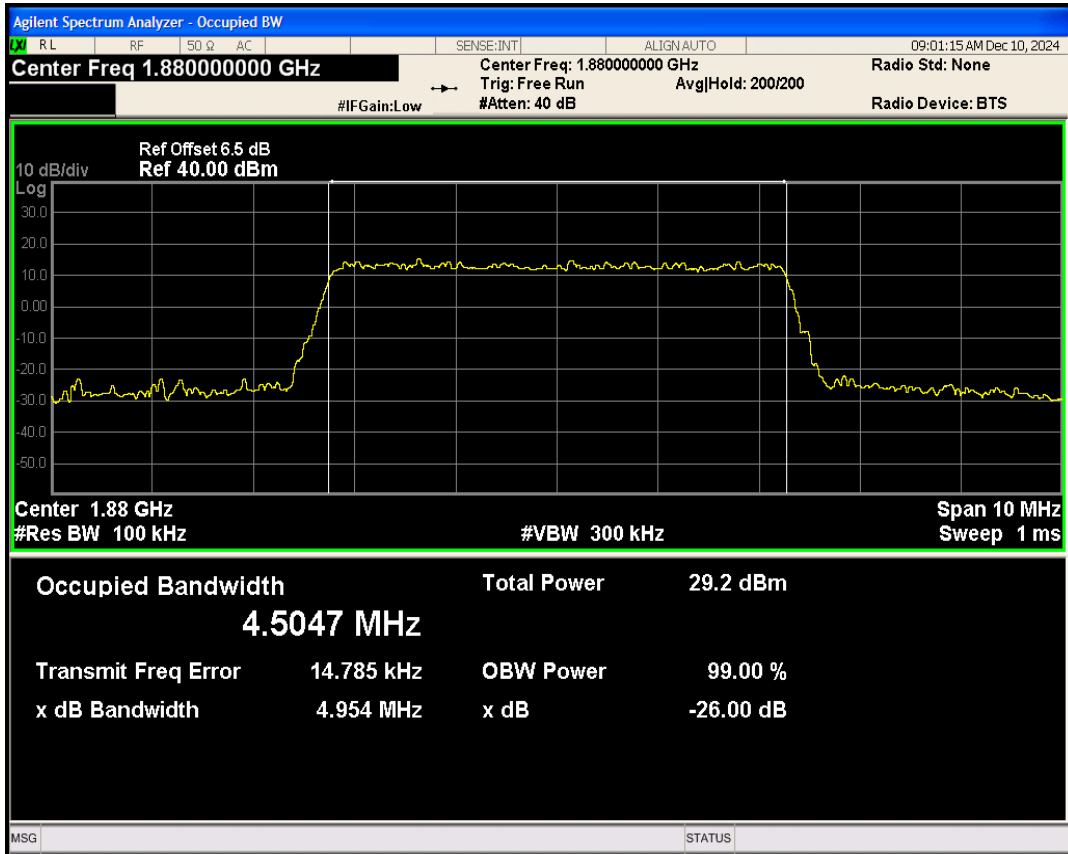
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



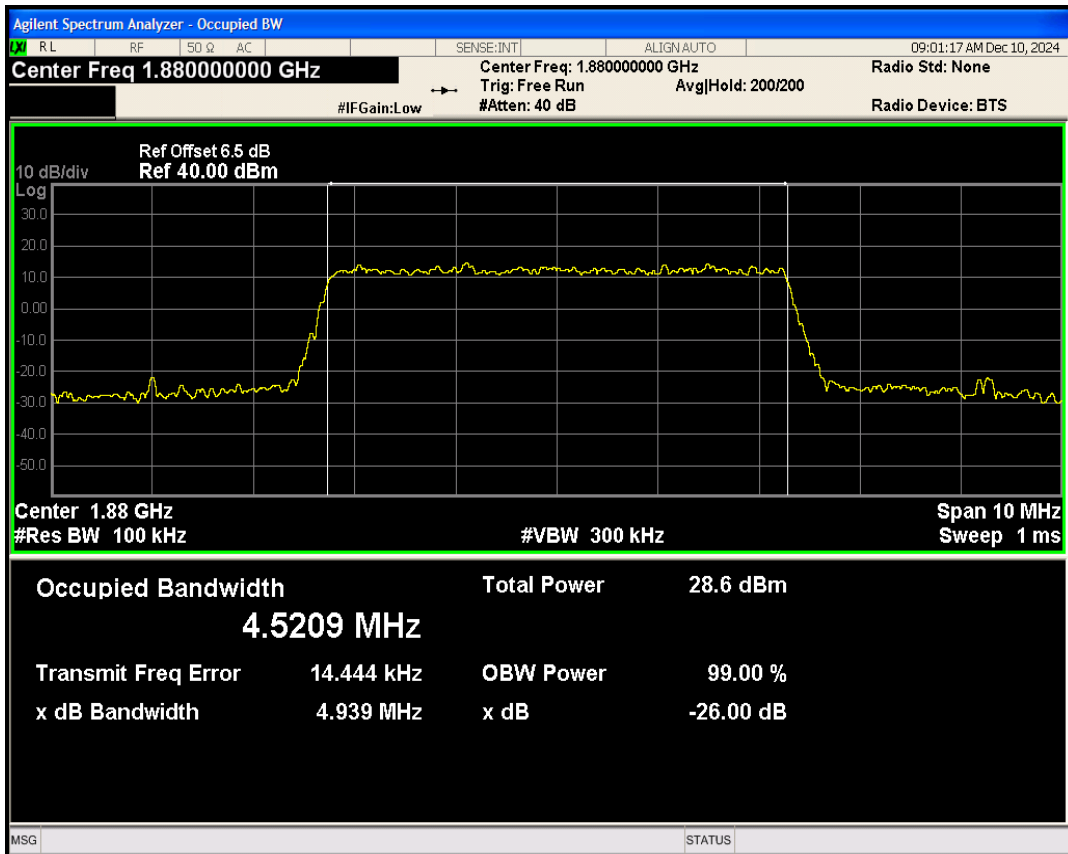
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



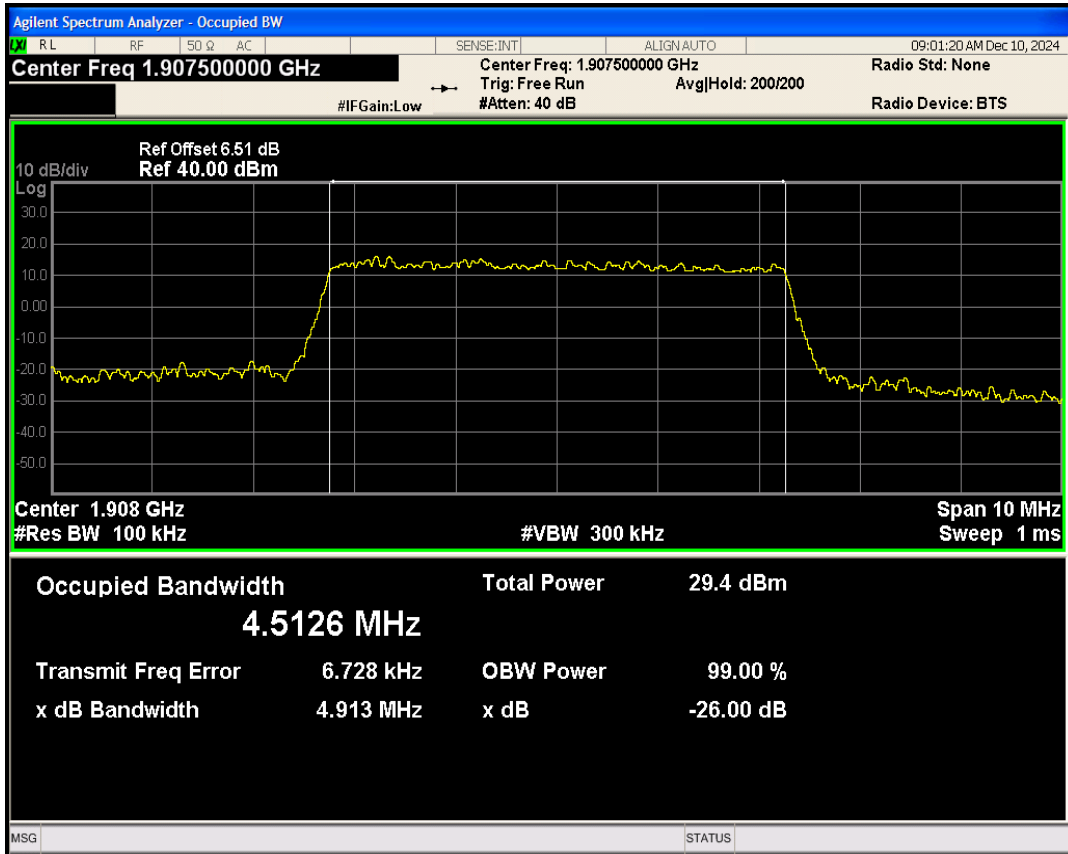
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



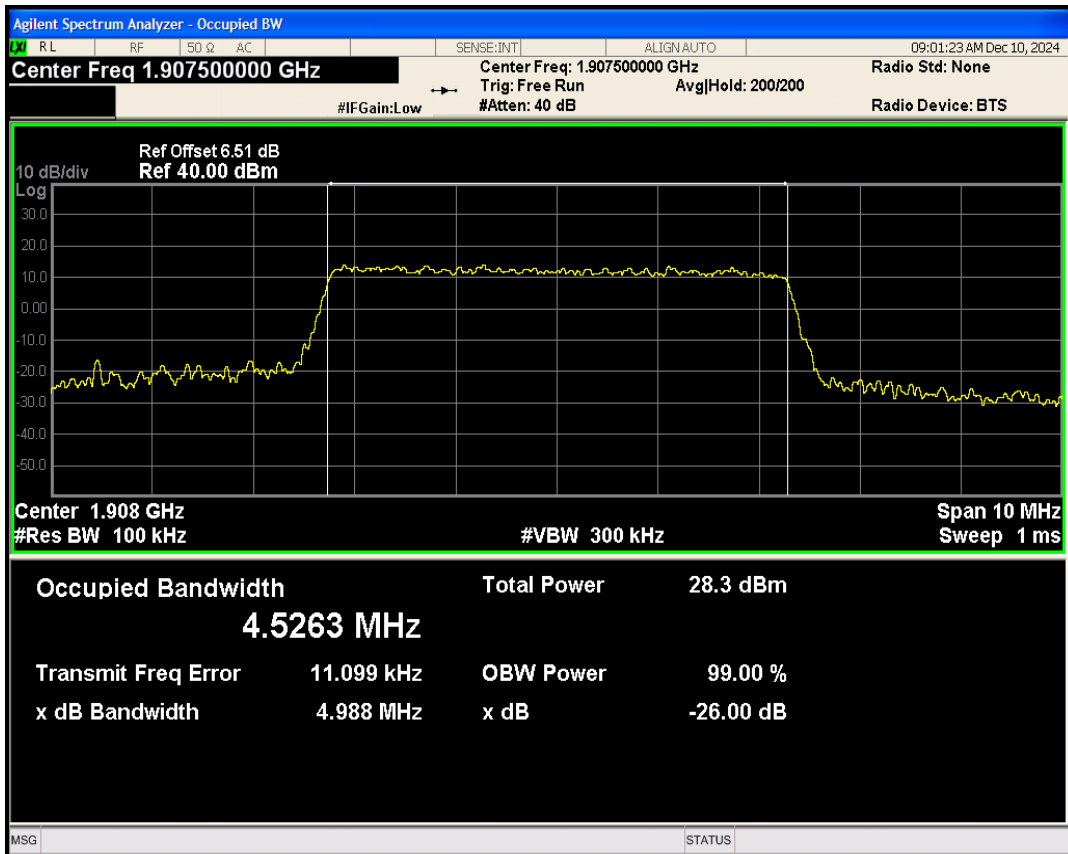
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



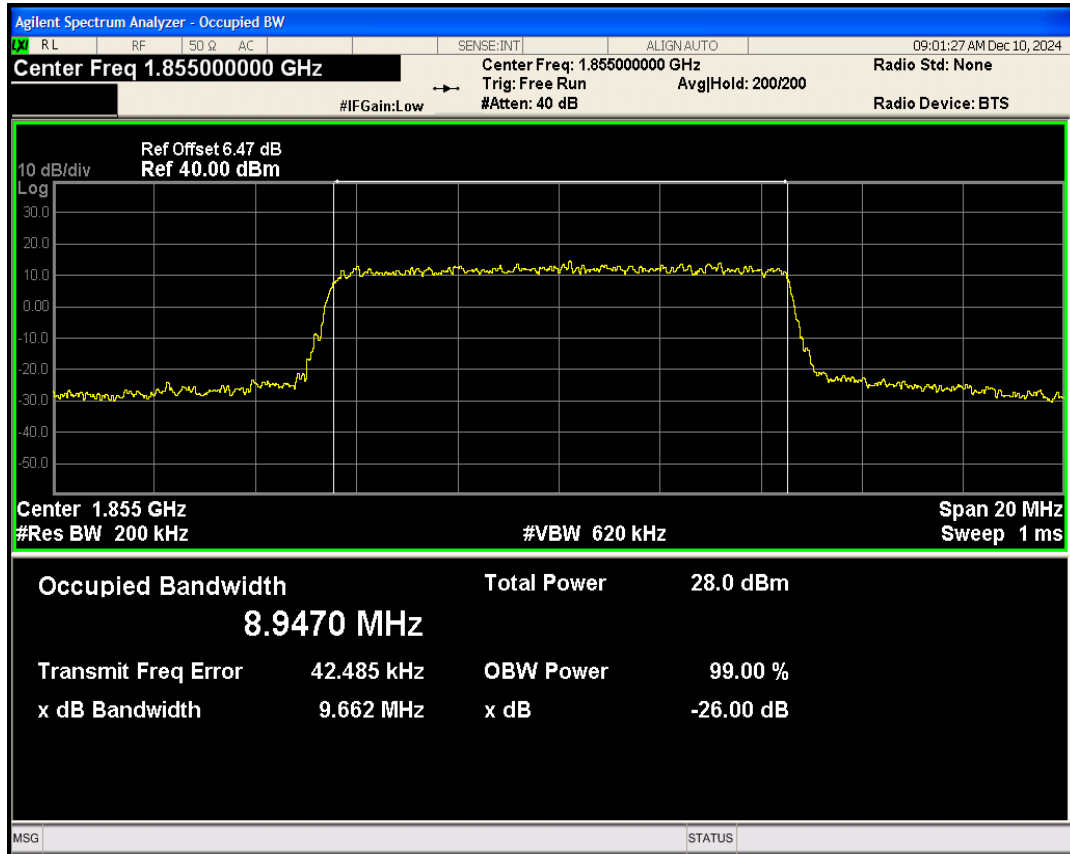
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



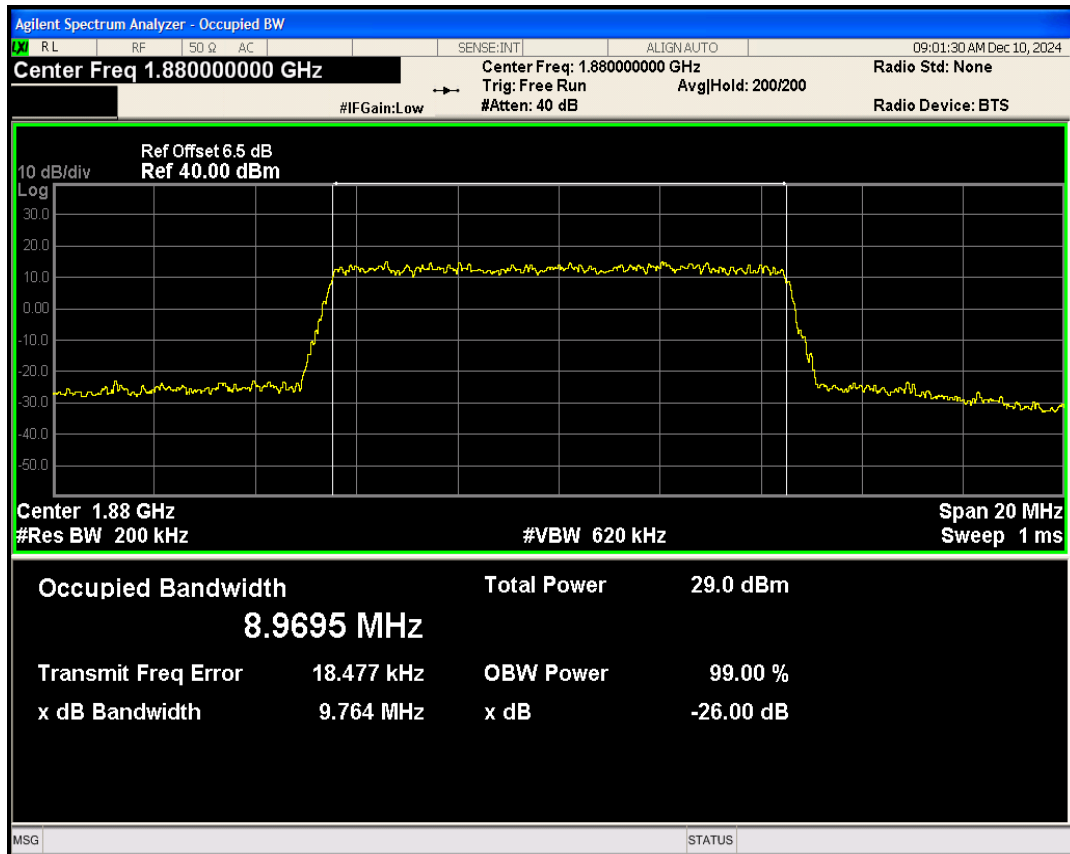
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



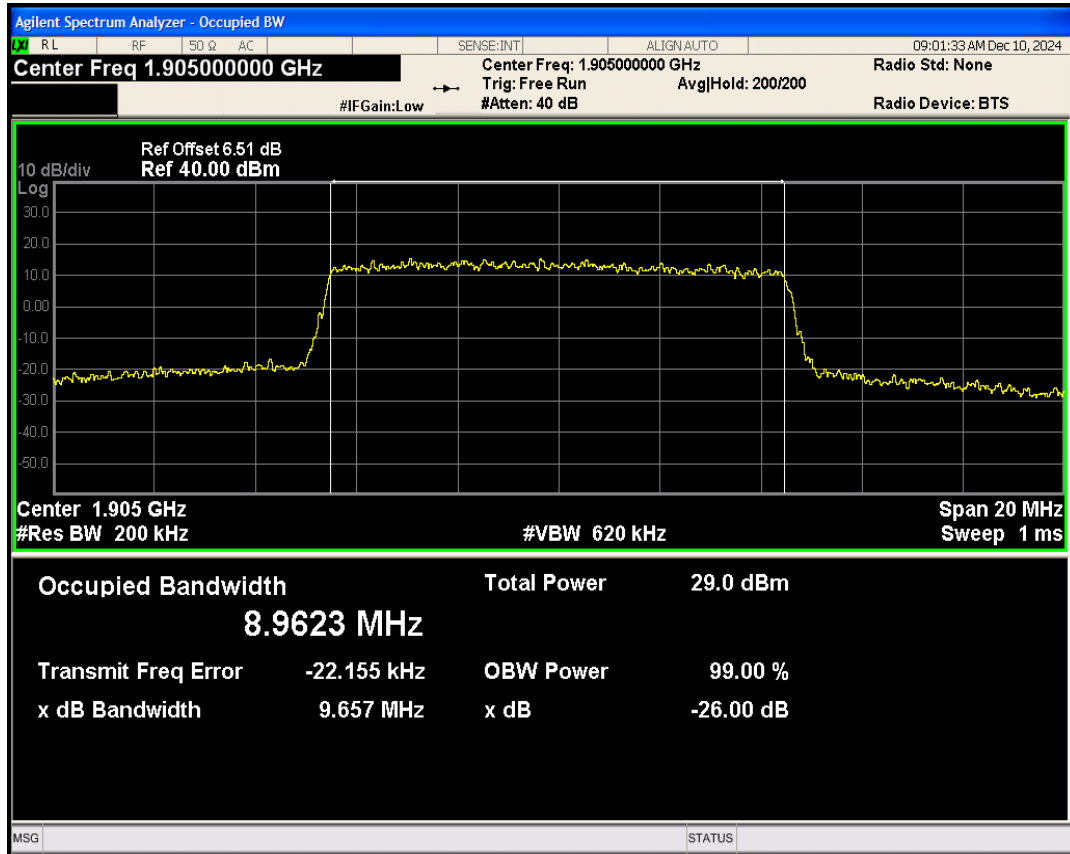
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



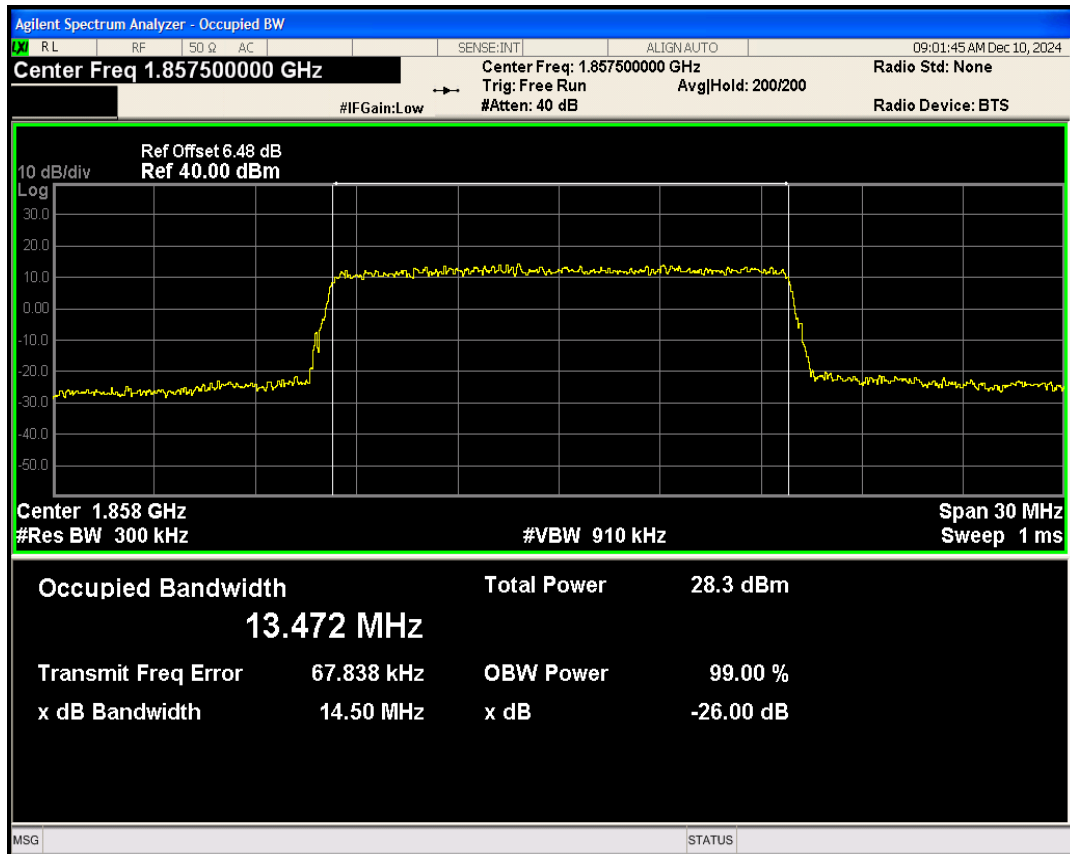
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



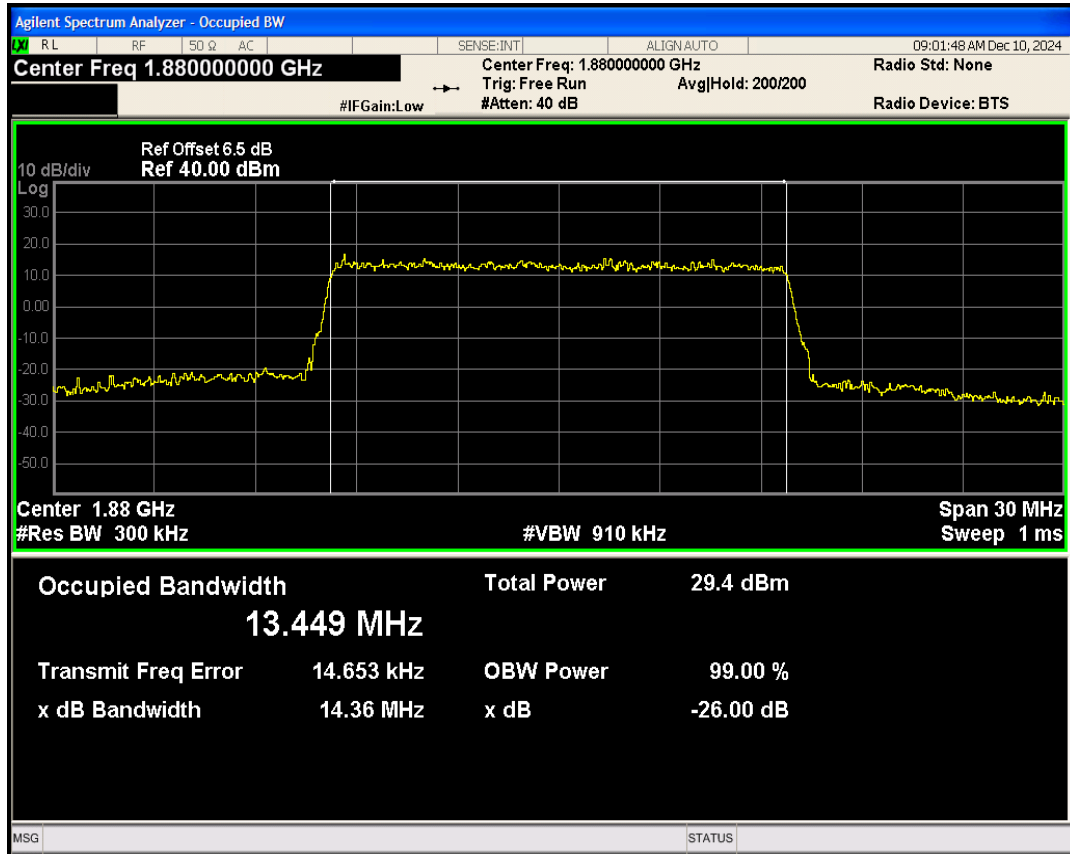
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



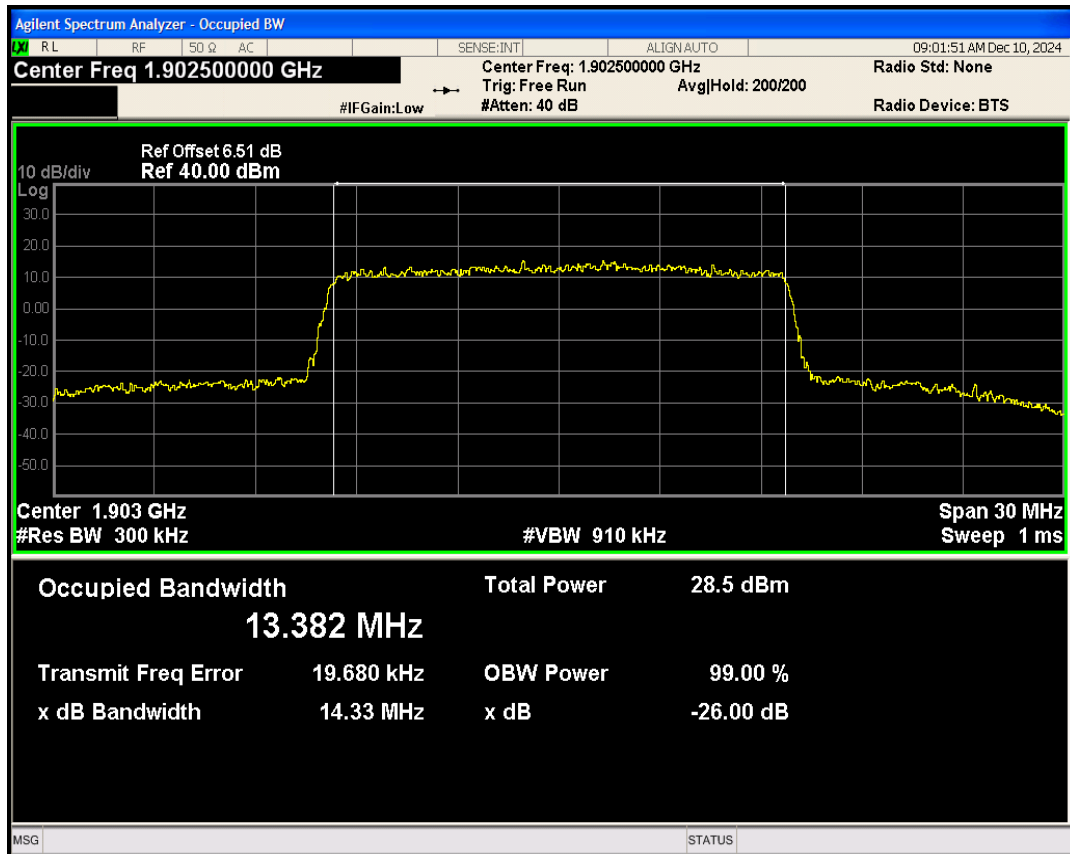
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



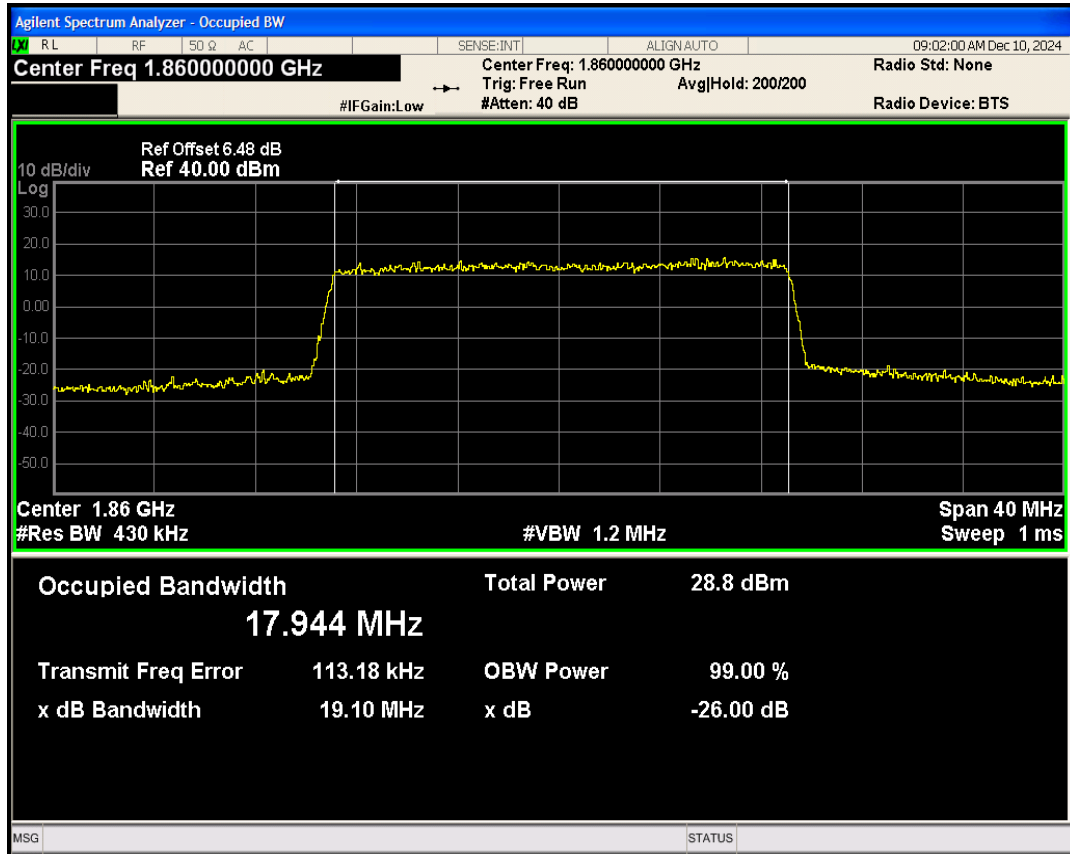
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



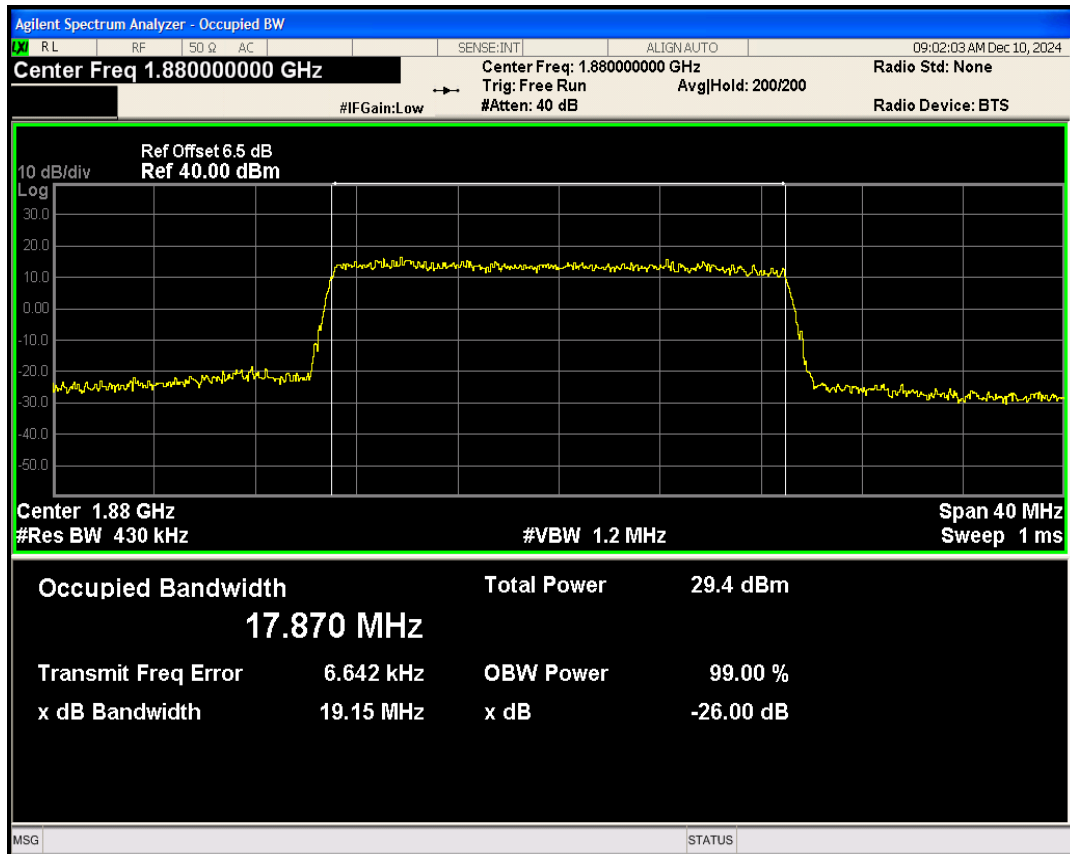
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



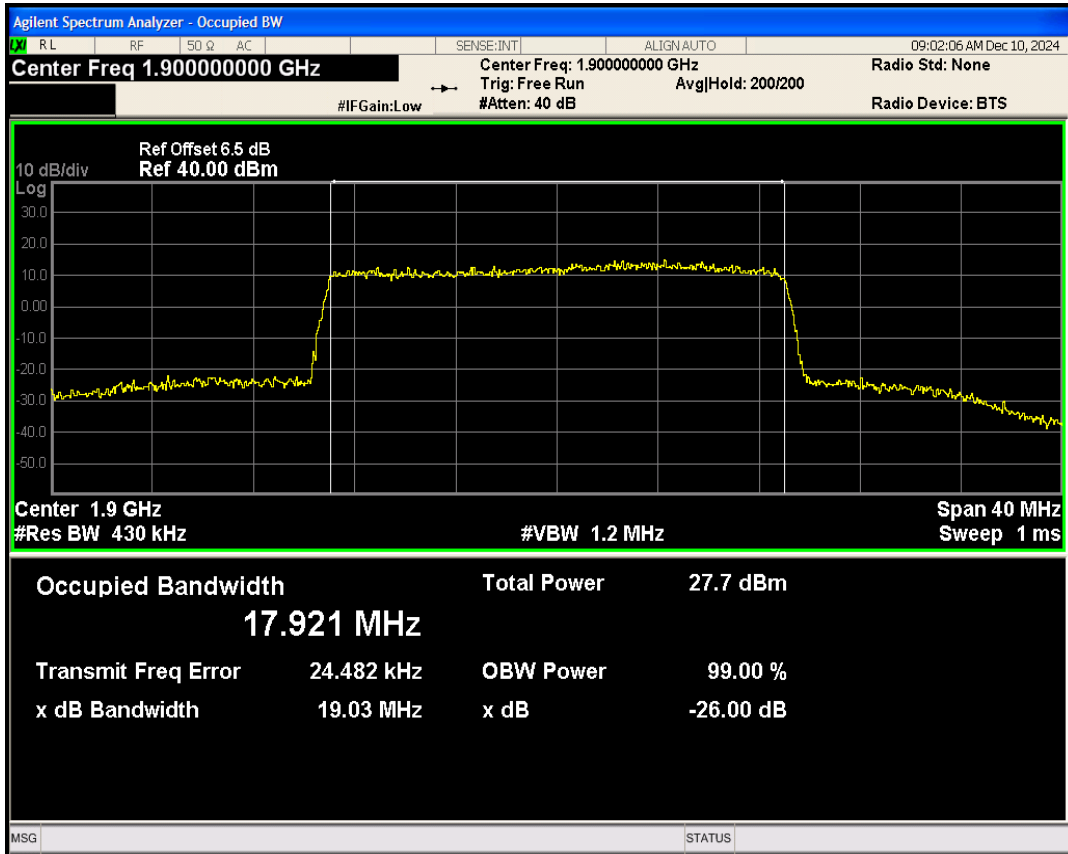
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



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



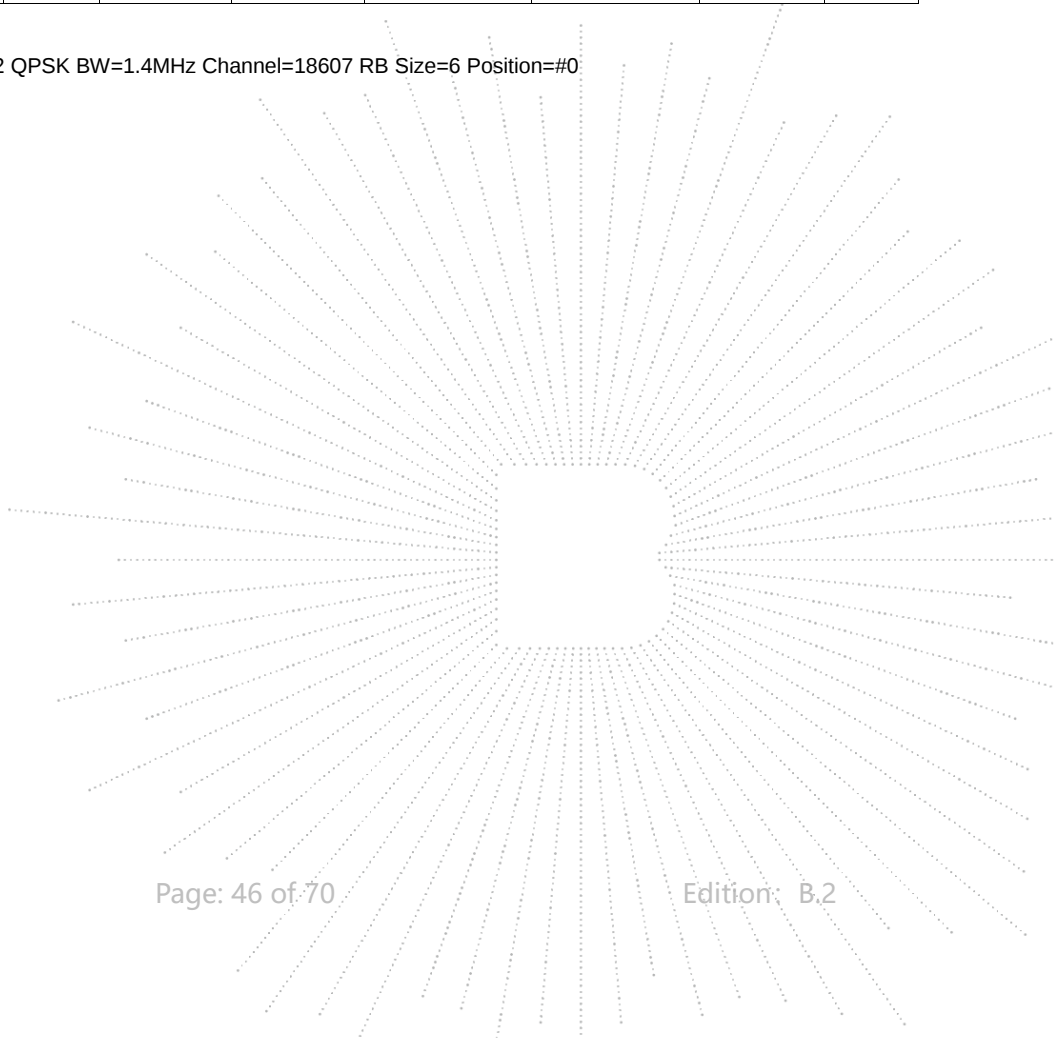
Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0

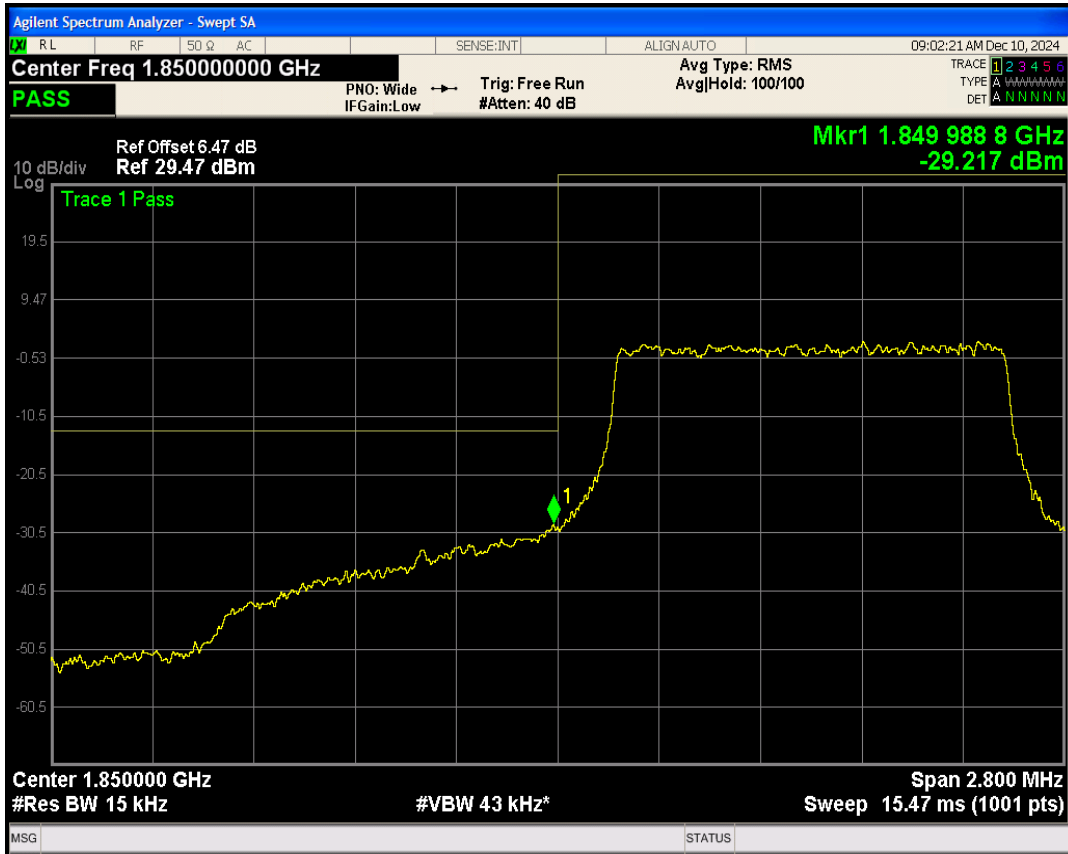


Appendix 5. Band edge

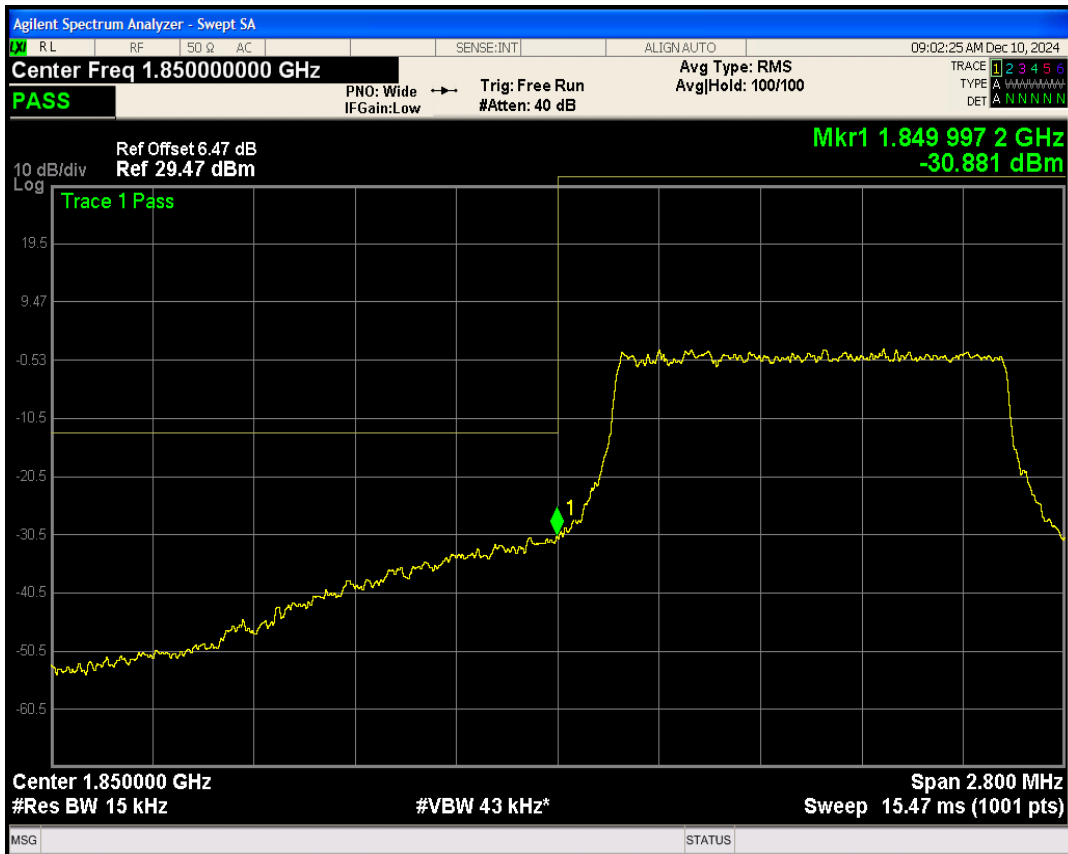
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	1849.99	-29.21	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1850.00	-30.88	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.02	-26.21	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.00	-26.17	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-30.55	-13	PASS
Band2	3	18615	15	#0	16QAM	1849.99	-31.41	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.01	-31.05	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.00	-31.08	-13	PASS
Band2	5	18625	25	#0	QPSK	1850.00	-31.54	-13	PASS
Band2	5	18625	25	#0	16QAM	1850.00	-31.90	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-31.88	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.00	-32.30	-13	PASS
Band2	10	18650	50	#0	QPSK	1849.94	-33.86	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.00	-31.44	-13	PASS
Band2	15	18675	75	#0	QPSK	1849.97	-32.72	-13	PASS
Band2	15	19125	75	#0	QPSK	1911.35	-31.82	-13	PASS
Band2	20	18700	100	#0	QPSK	1850.00	-32.64	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.04	-33.47	-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



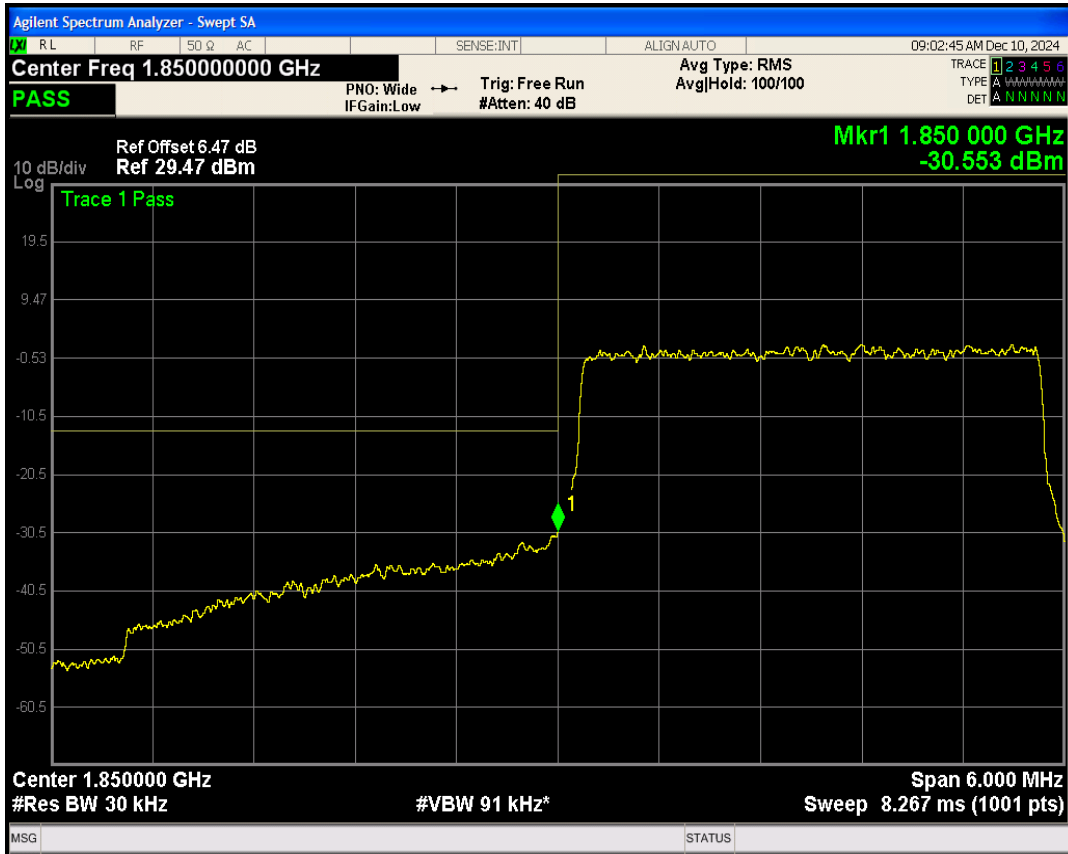
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



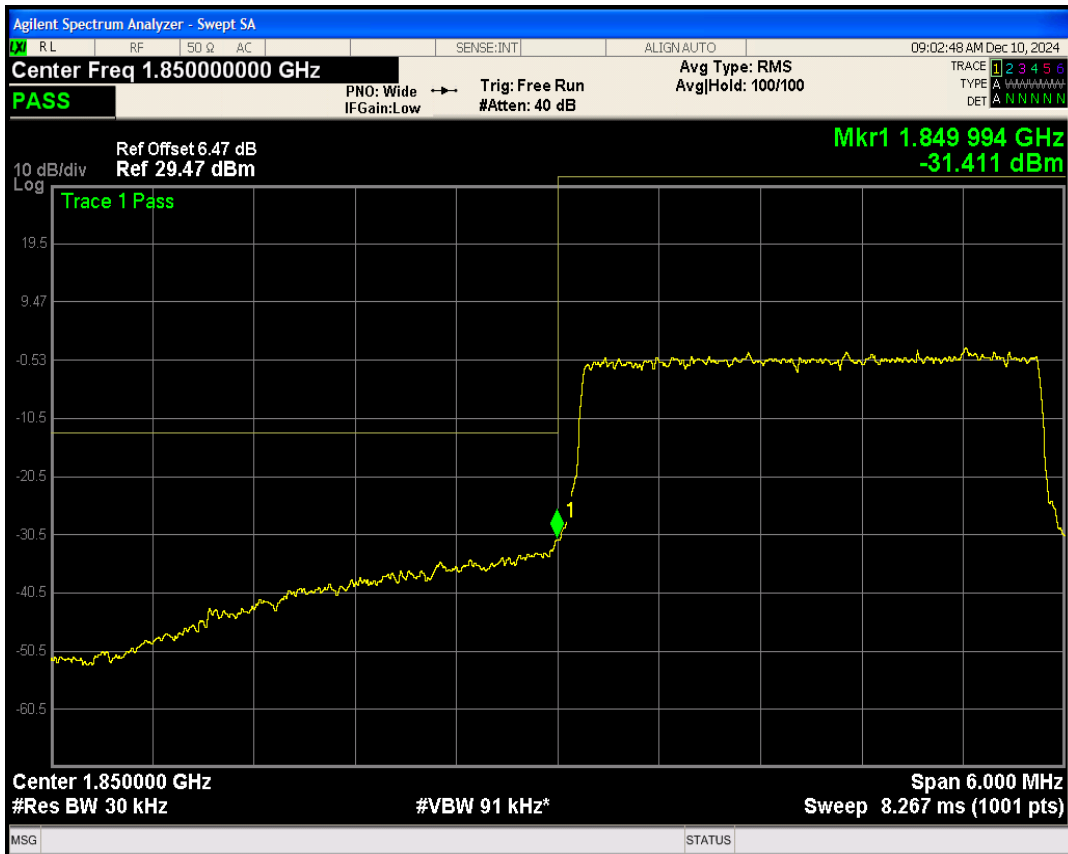
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



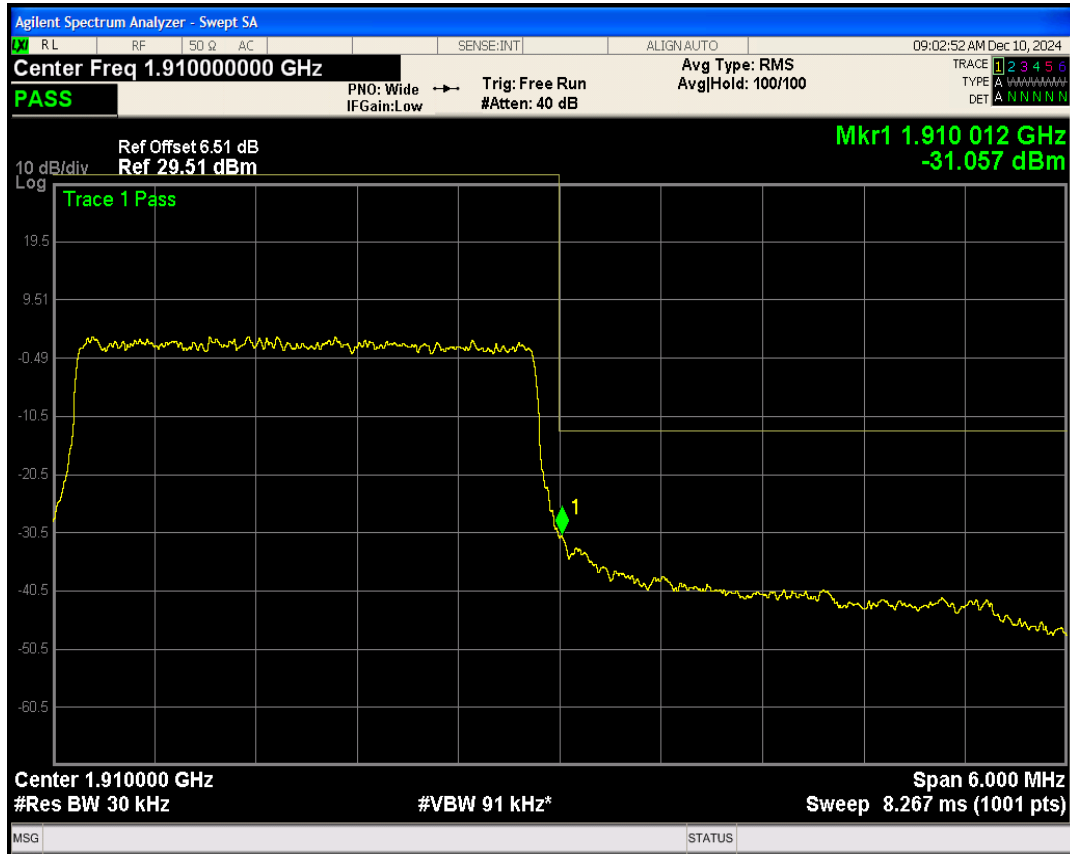
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



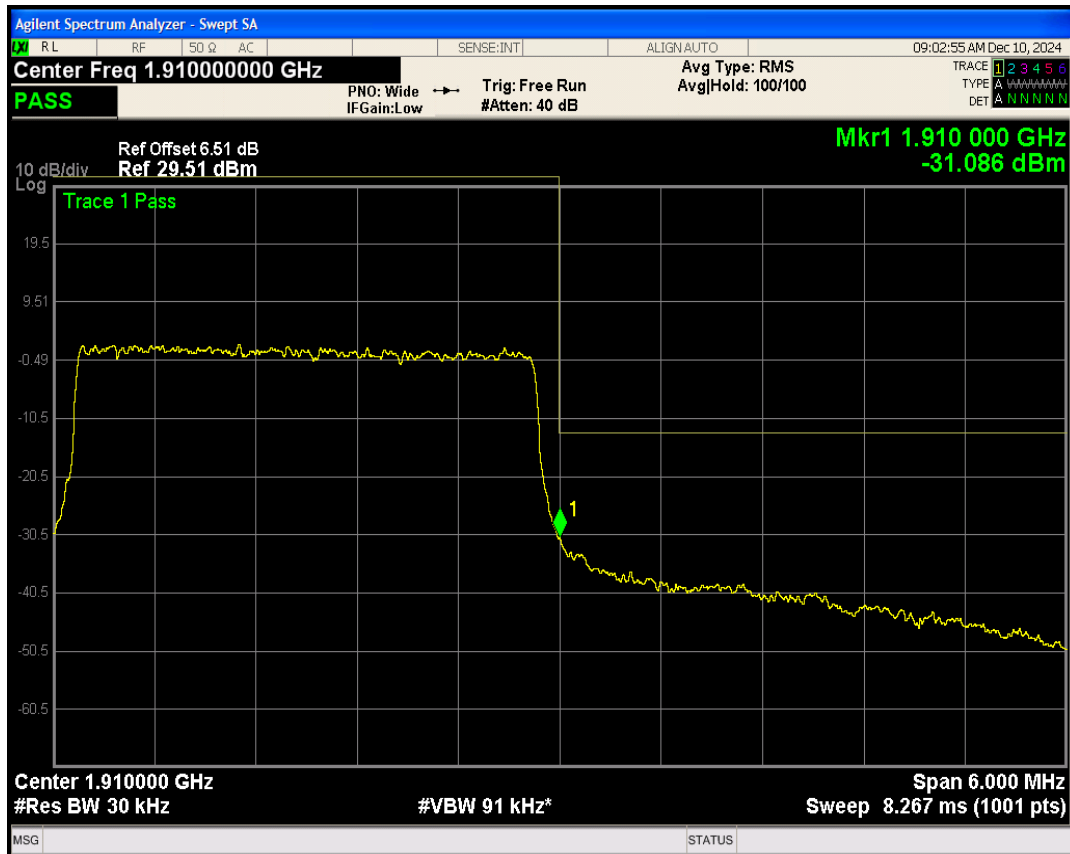
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



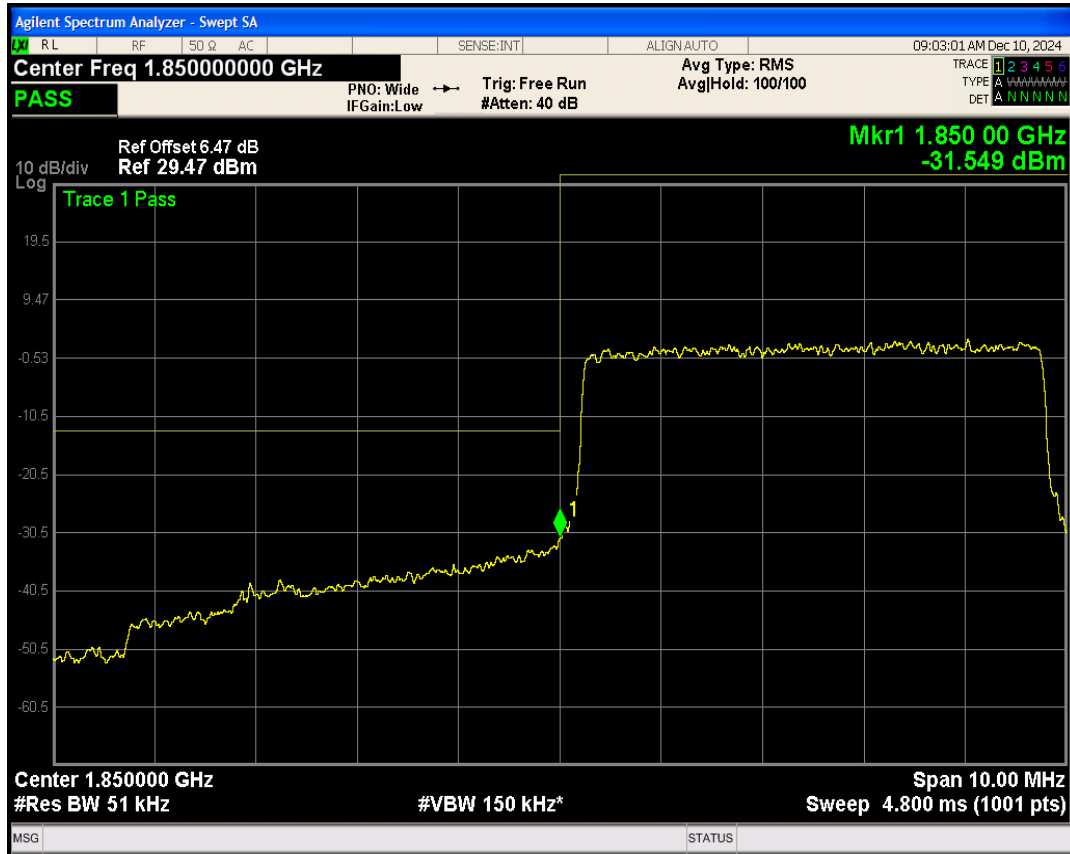
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



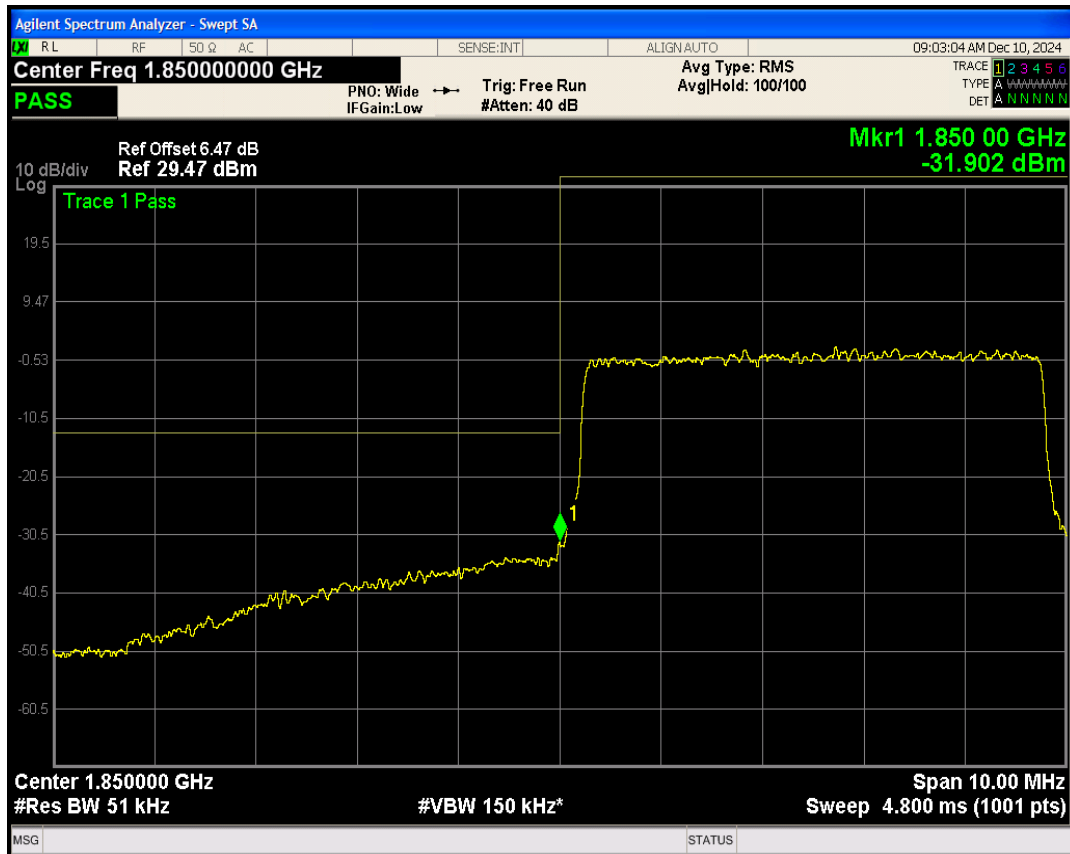
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



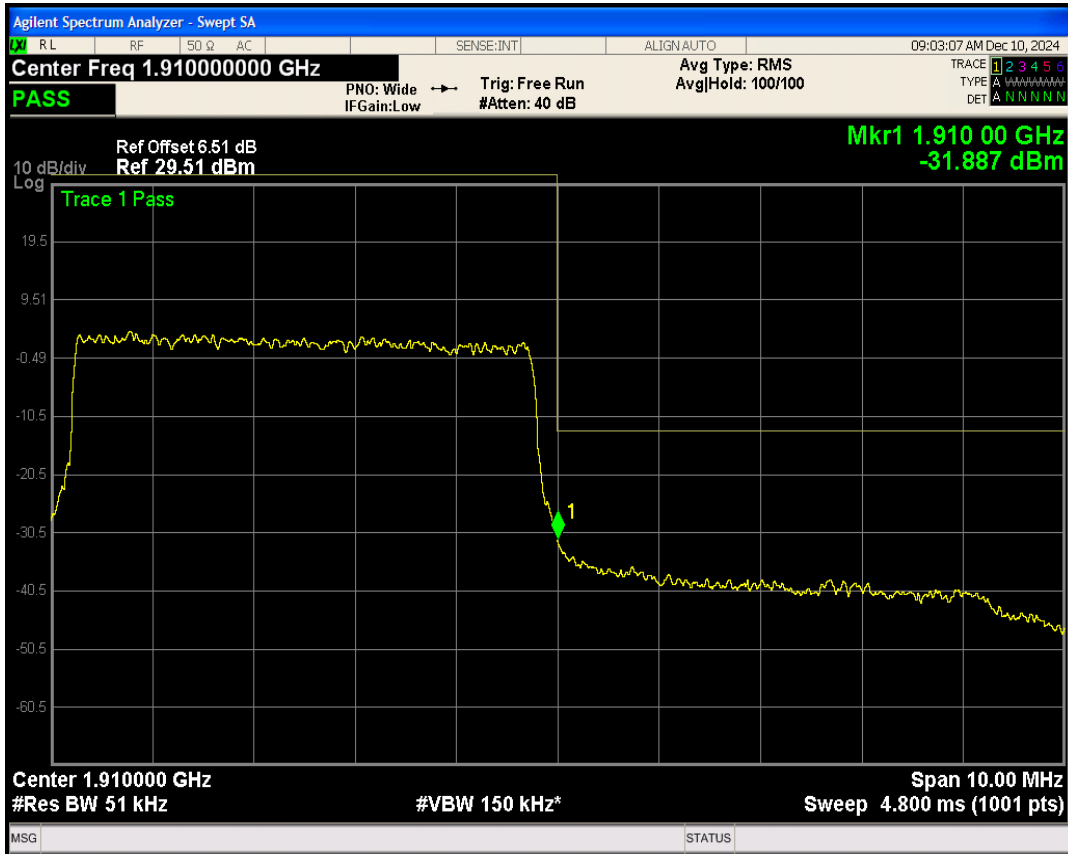
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



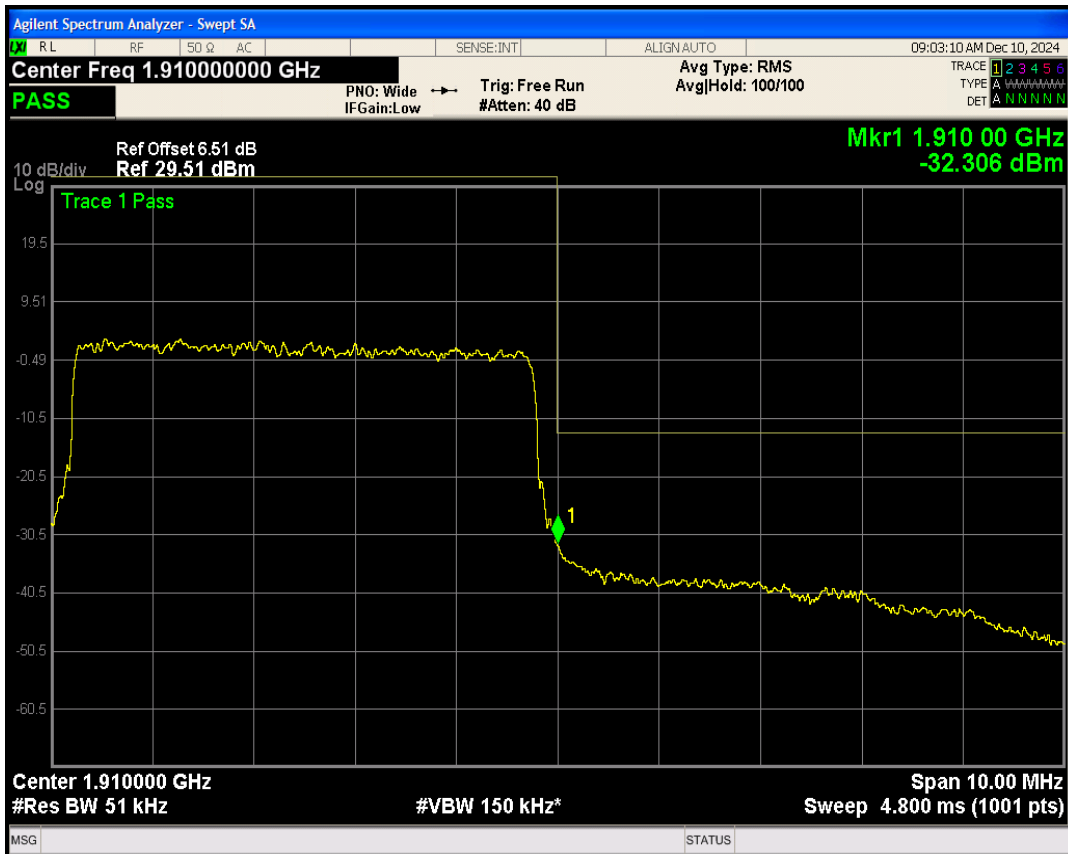
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



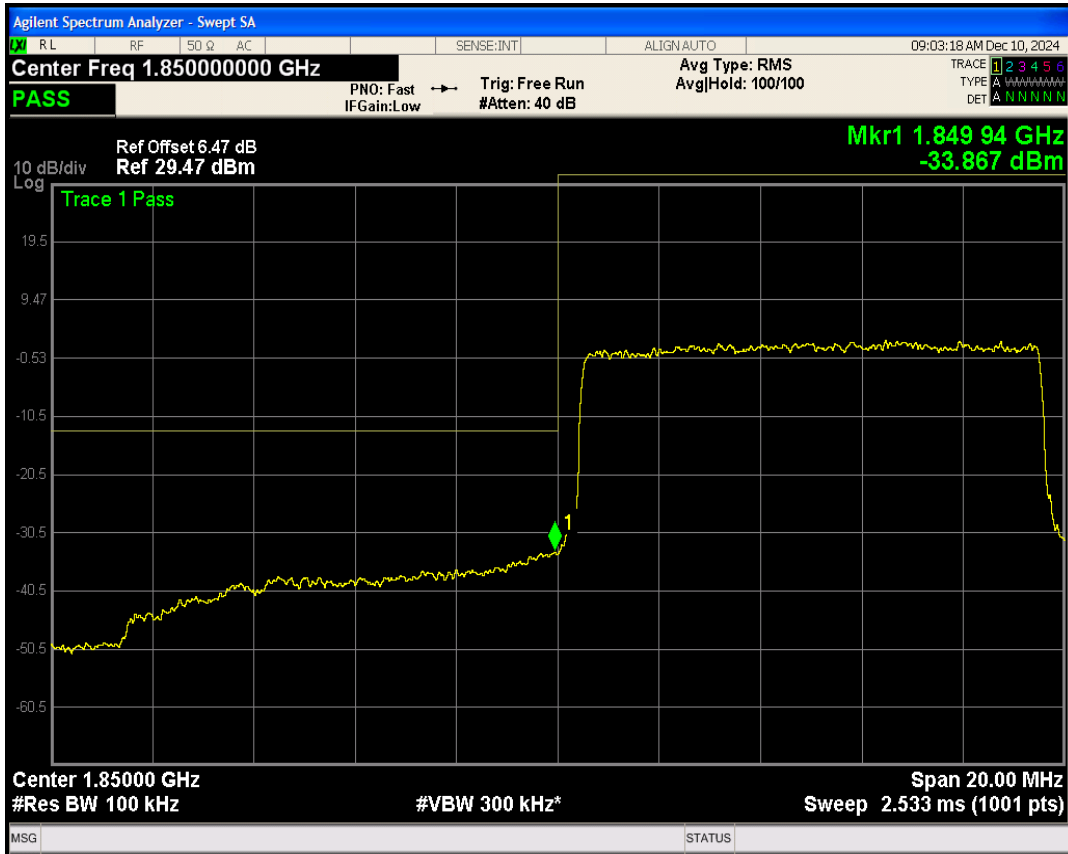
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



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



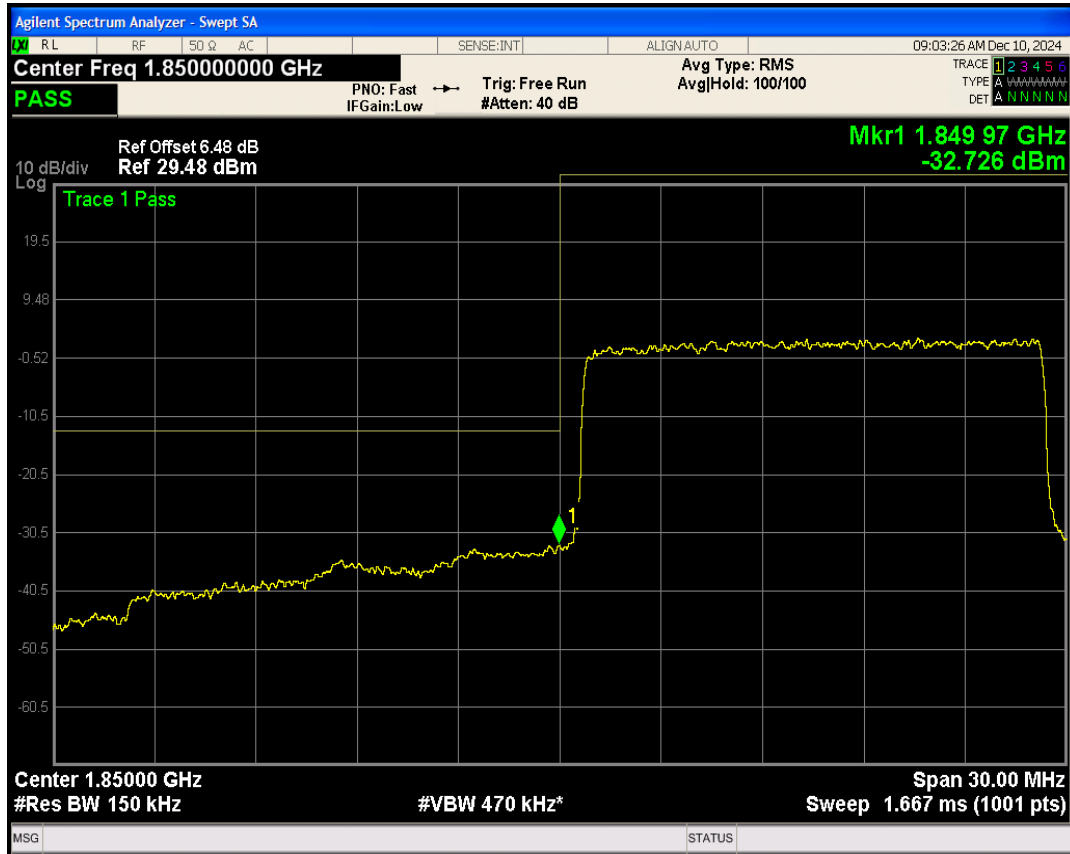
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



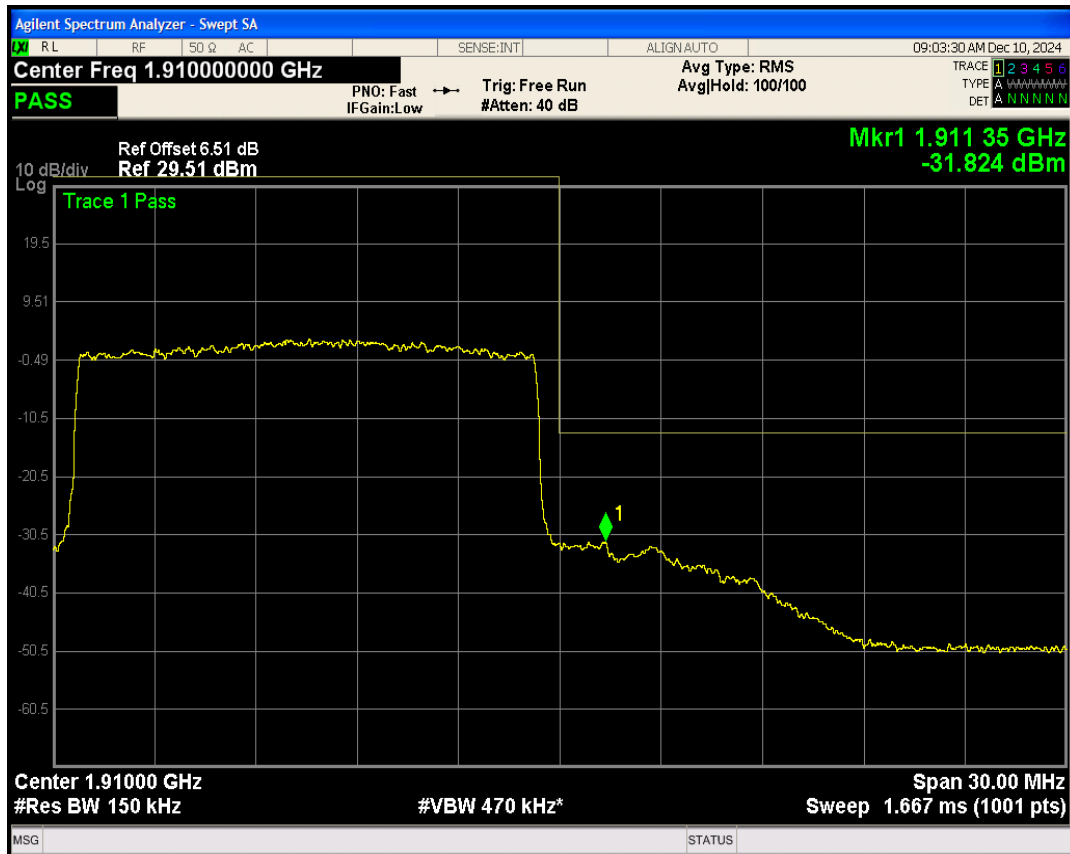
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



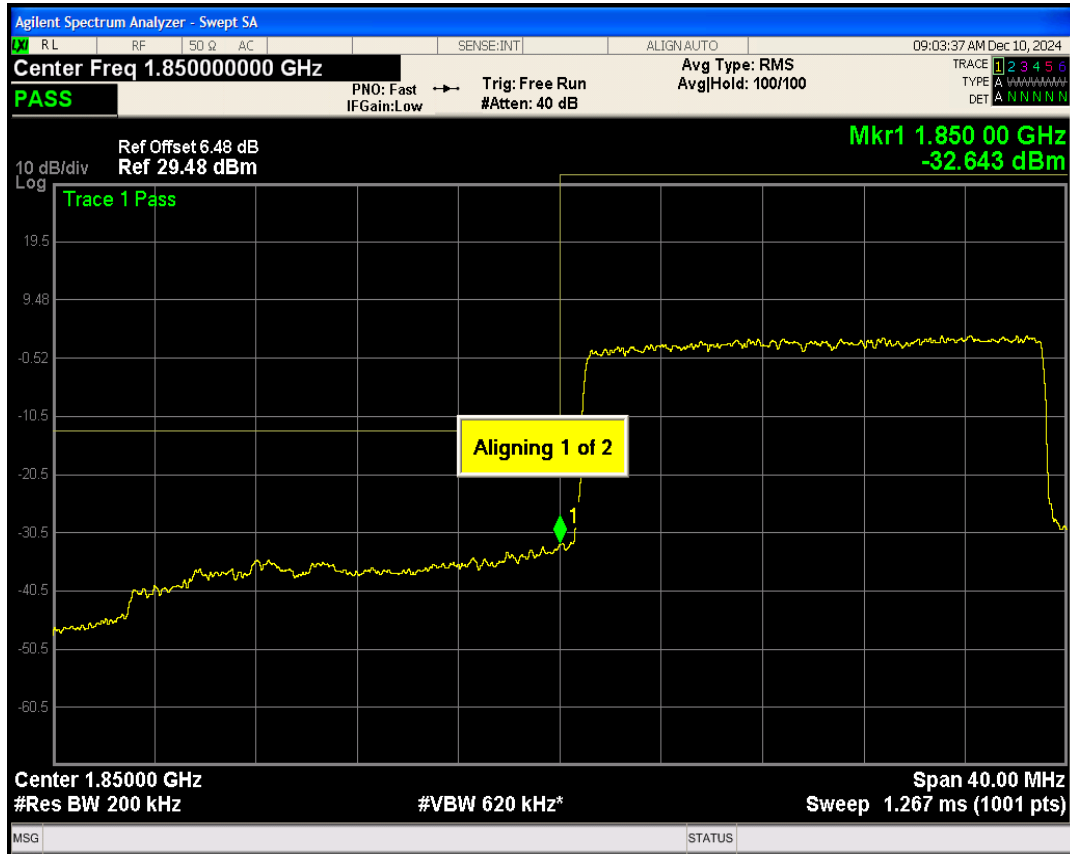
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



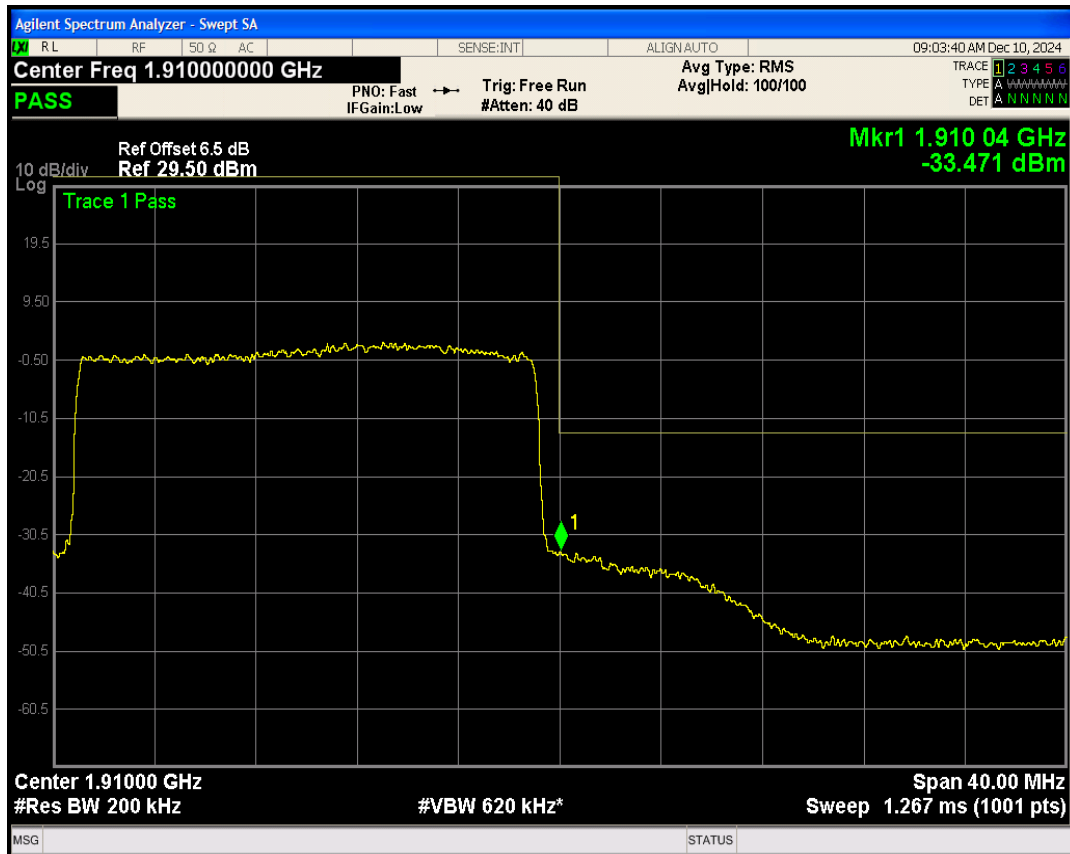
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



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



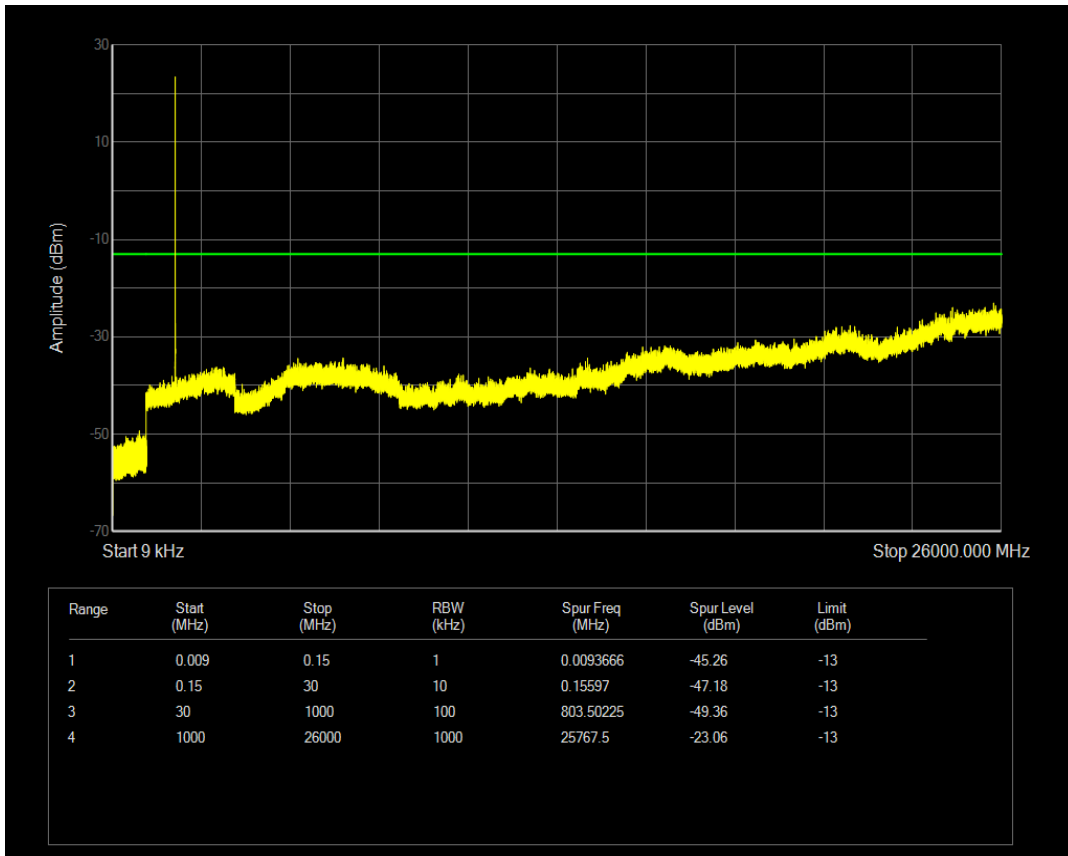
Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



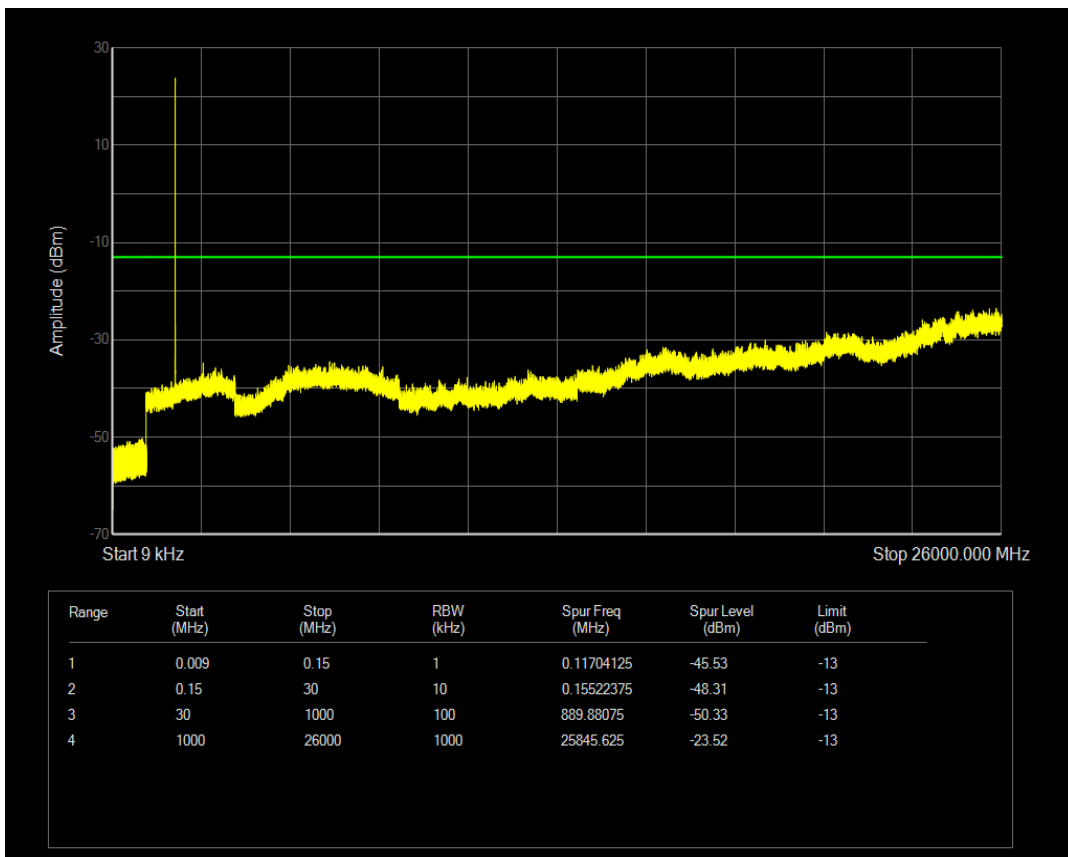
Appendix 6. Out-of-band emissions

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	25767.50	-23.06	-13	PASS
Band2	1.4	18607	6	#0	16QAM	25845.63	-23.52	-13	PASS
Band2	1.4	18900	6	#0	QPSK	25829.38	-23.70	-13	PASS
Band2	1.4	18900	6	#0	16QAM	25956.88	-23.09	-13	PASS
Band2	1.4	19193	6	#0	QPSK	24699.38	-22.81	-13	PASS
Band2	1.4	19193	6	#0	16QAM	25338.75	-23.70	-13	PASS
Band2	3	18615	15	#0	QPSK	25346.25	-23.35	-13	PASS
Band2	3	18615	15	#0	16QAM	25708.75	-22.54	-13	PASS
Band2	3	18900	15	#0	QPSK	25728.75	-23.03	-13	PASS
Band2	3	18900	15	#0	16QAM	25083.75	-23.56	-13	PASS
Band2	3	19185	15	#0	QPSK	25611.88	-23.29	-13	PASS
Band2	3	19185	15	#0	16QAM	25508.13	-23.04	-13	PASS
Band2	5	18625	25	#0	QPSK	25798.75	-23.34	-13	PASS
Band2	5	18625	25	#0	16QAM	25897.50	-23.49	-13	PASS
Band2	5	18900	25	#0	QPSK	24761.25	-23.45	-13	PASS
Band2	5	18900	25	#0	16QAM	25988.13	-23.50	-13	PASS
Band2	5	19175	25	#0	QPSK	25660.63	-22.34	-13	PASS
Band2	5	19175	25	#0	16QAM	25399.38	-23.70	-13	PASS
Band2	10	18650	50	#0	QPSK	25985.63	-23.67	-13	PASS
Band2	10	18900	50	#0	QPSK	24730.00	-23.75	-13	PASS
Band2	10	19150	50	#0	QPSK	25298.75	-22.30	-13	PASS
Band2	15	18675	75	#0	QPSK	25770.63	-23.92	-13	PASS
Band2	15	18900	75	#0	QPSK	25868.13	-23.94	-13	PASS
Band2	15	19125	75	#0	QPSK	25835.00	-23.26	-13	PASS
Band2	20	18700	100	#0	QPSK	25770.63	-23.35	-13	PASS
Band2	20	18900	100	#0	QPSK	25063.13	-23.60	-13	PASS
Band2	20	19100	100	#0	QPSK	24783.75	-23.56	-13	PASS

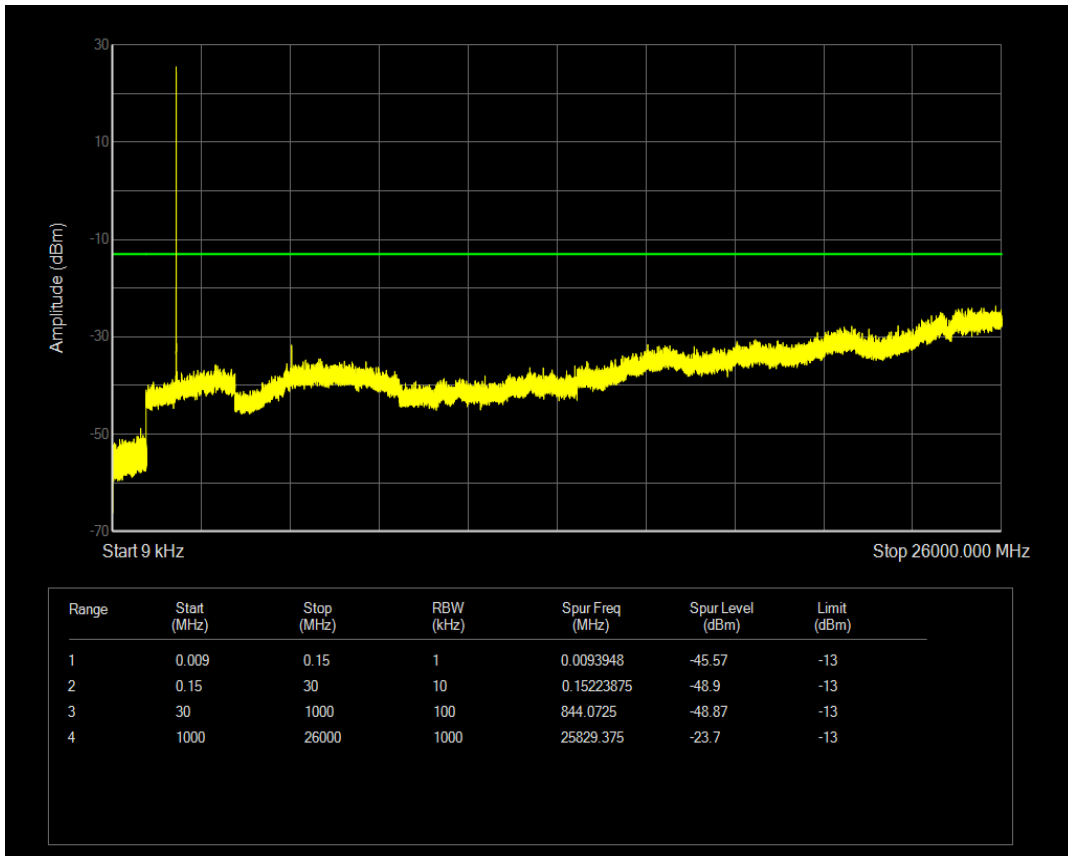
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



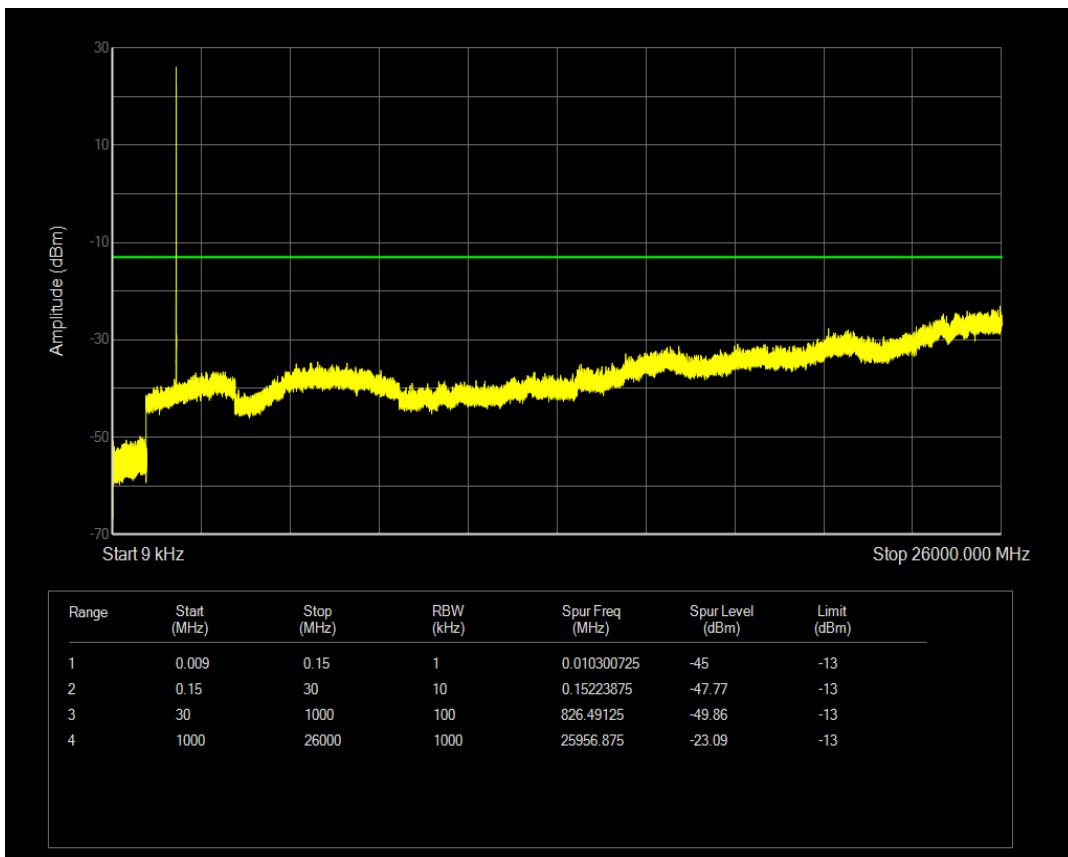
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



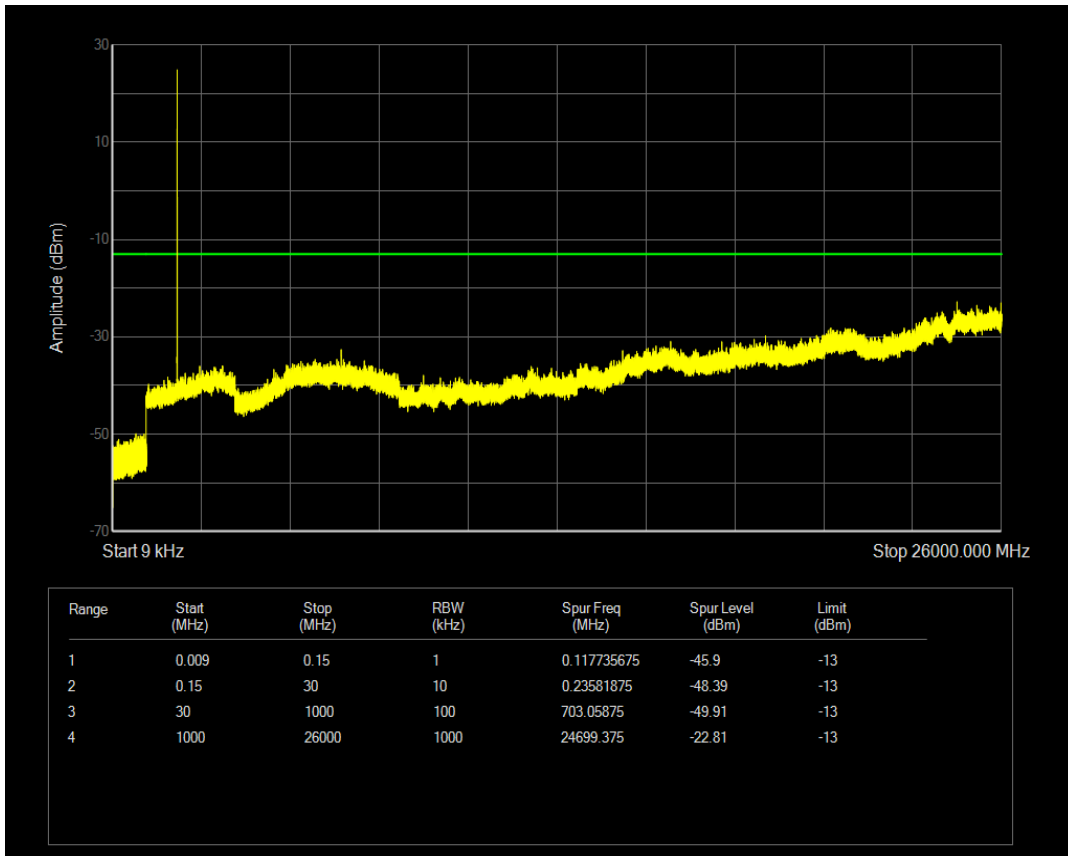
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



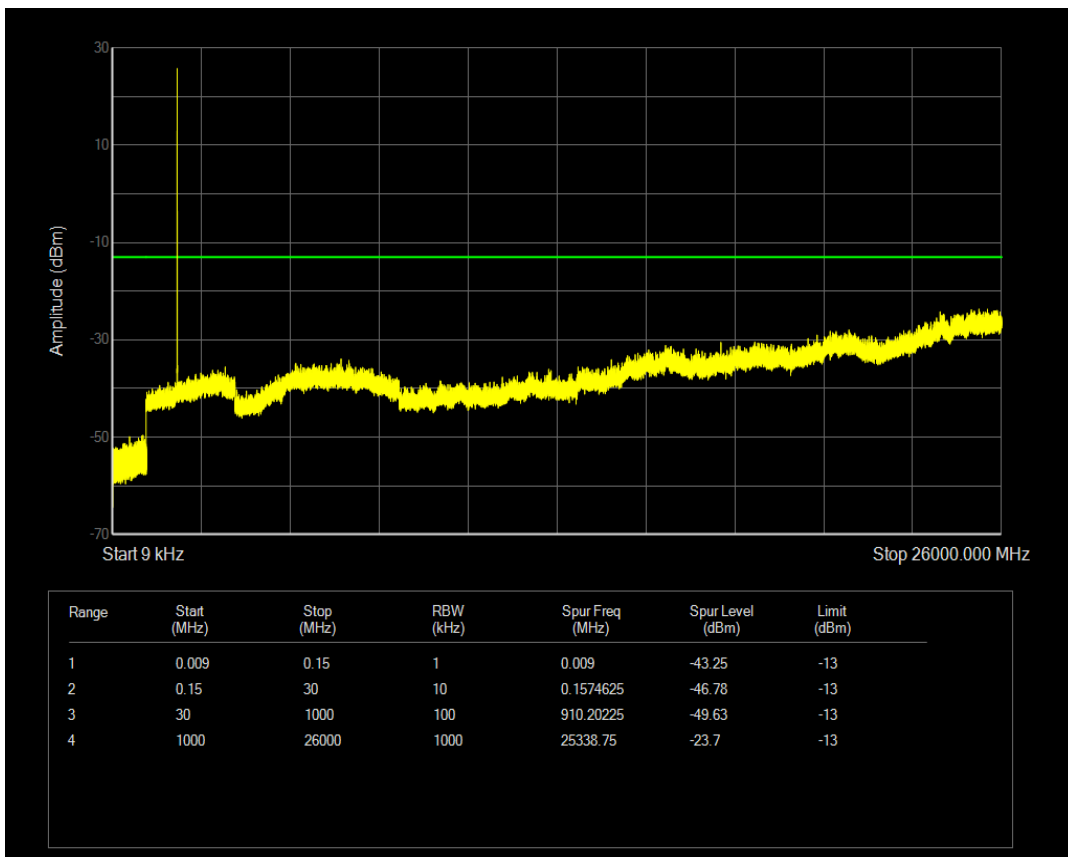
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



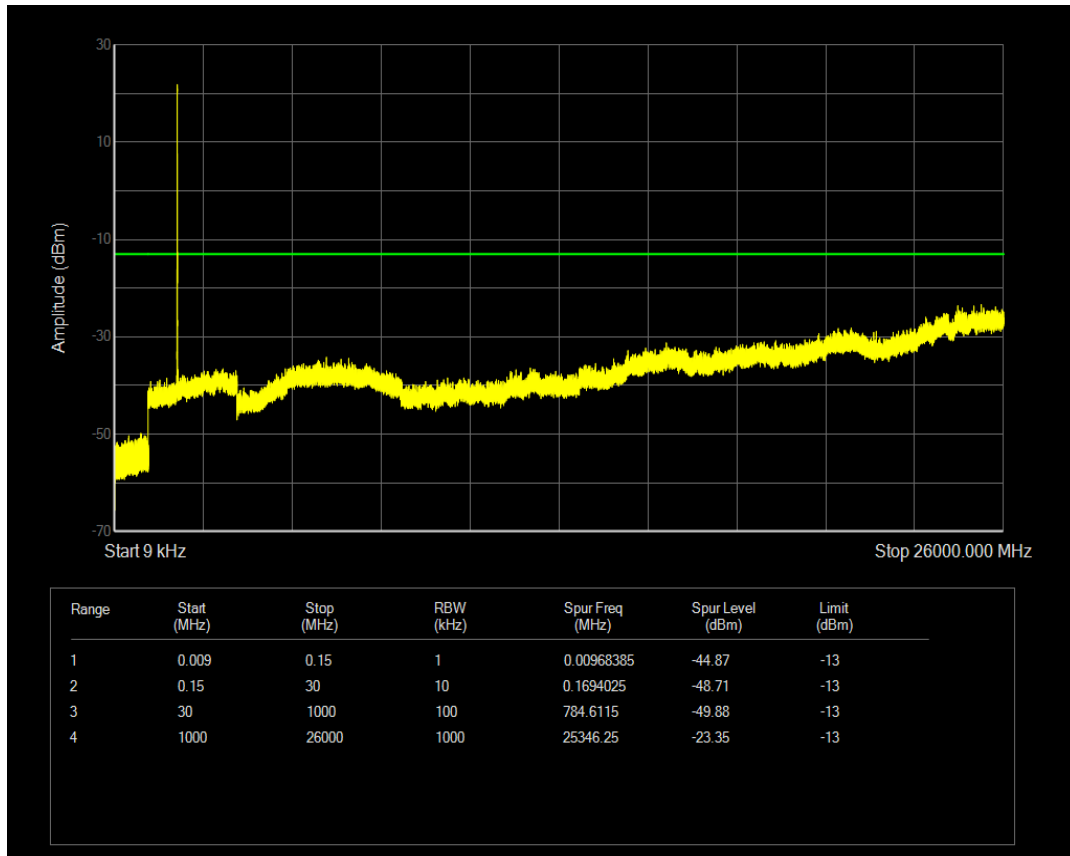
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



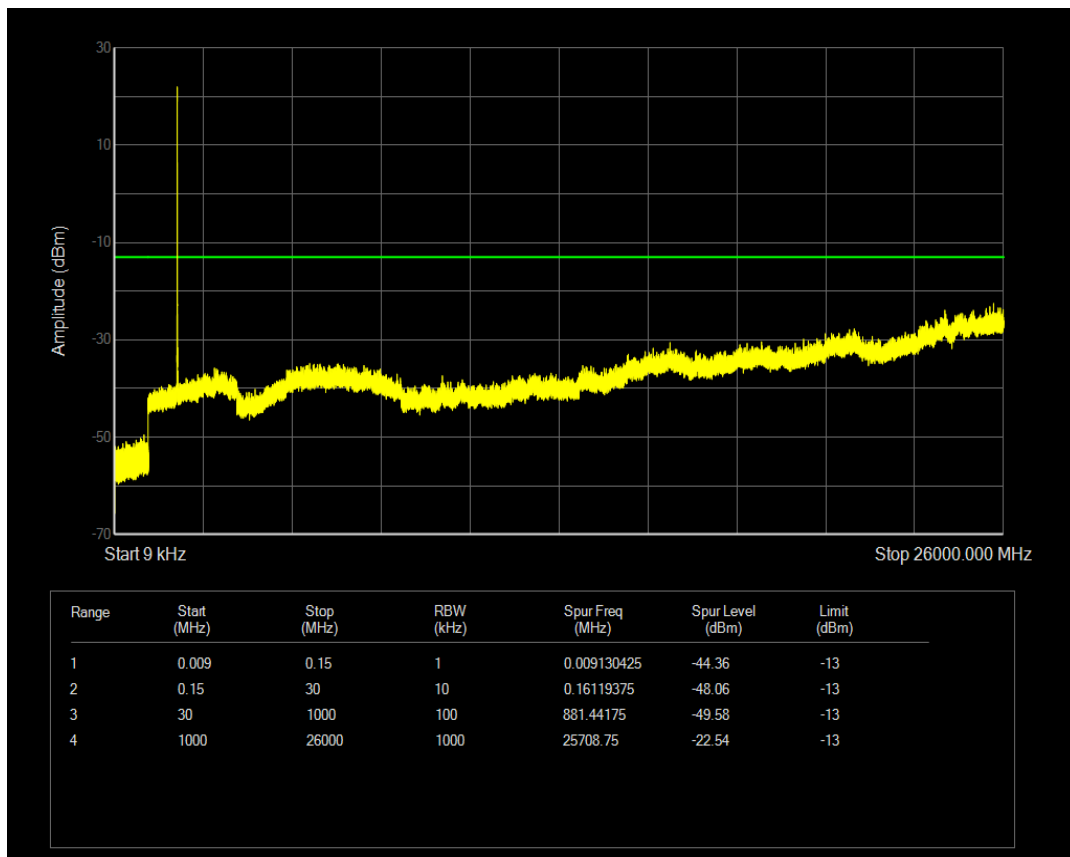
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



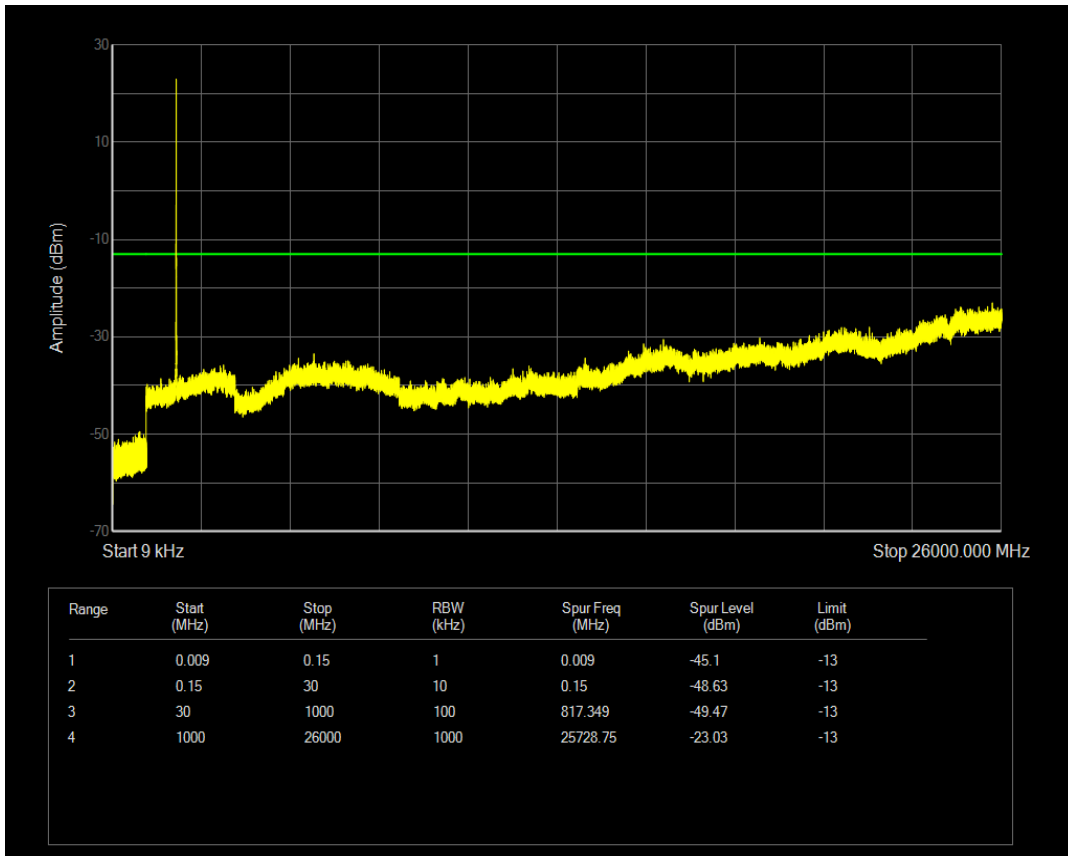
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



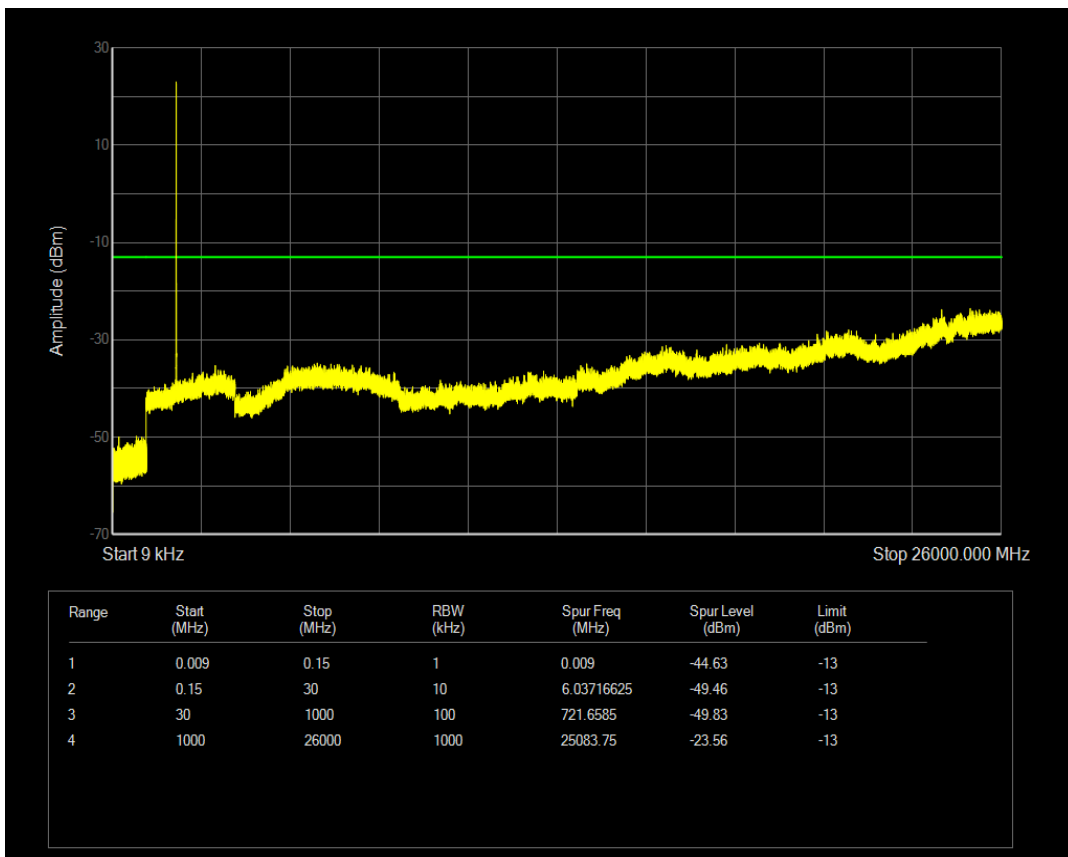
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



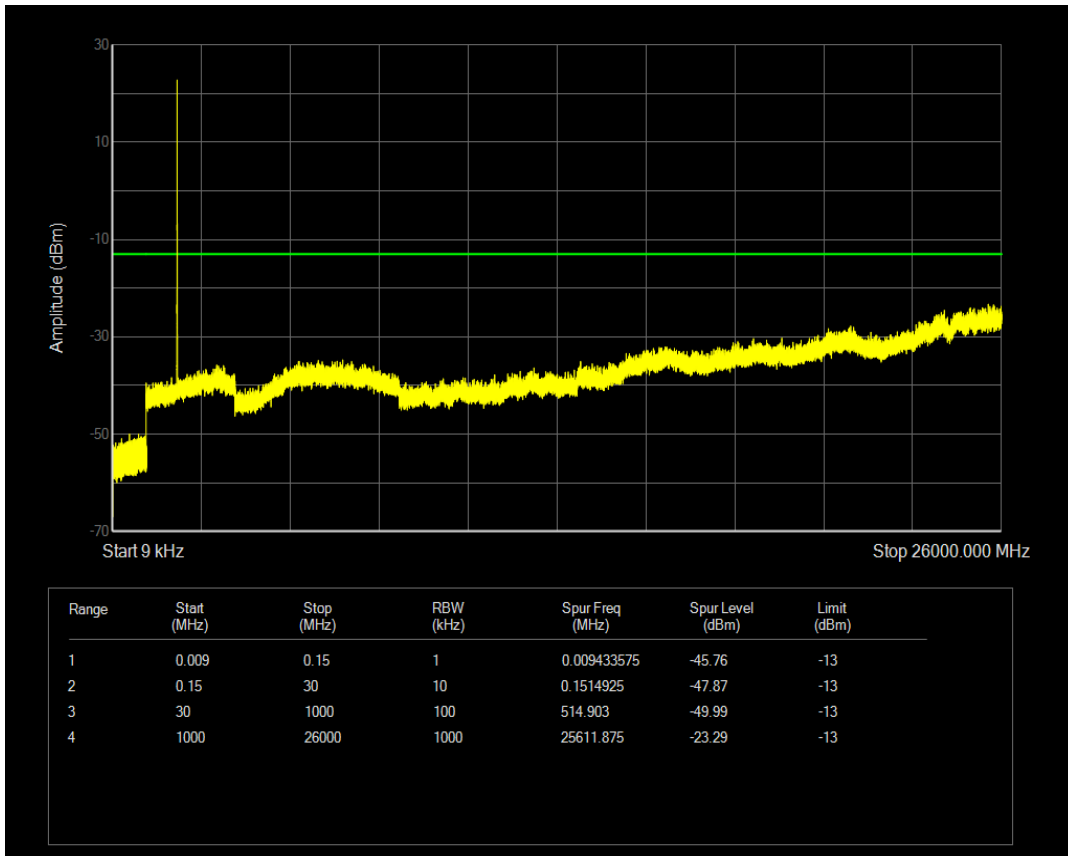
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



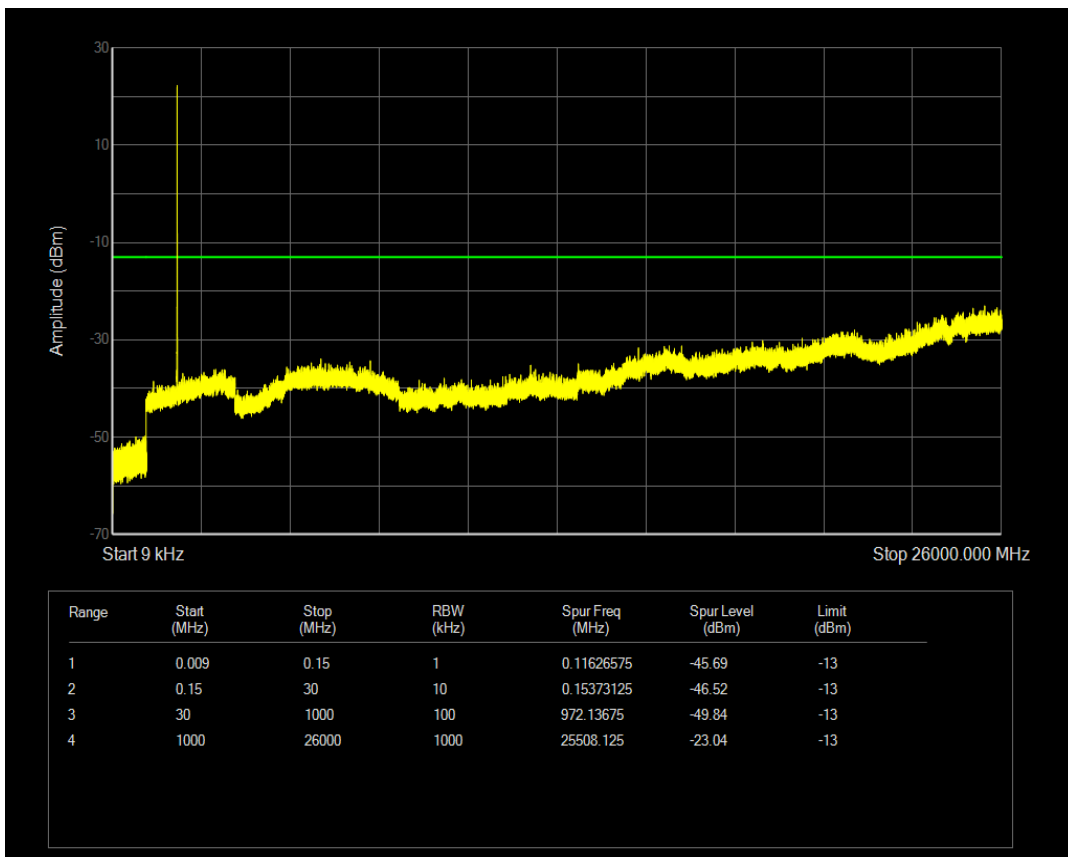
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



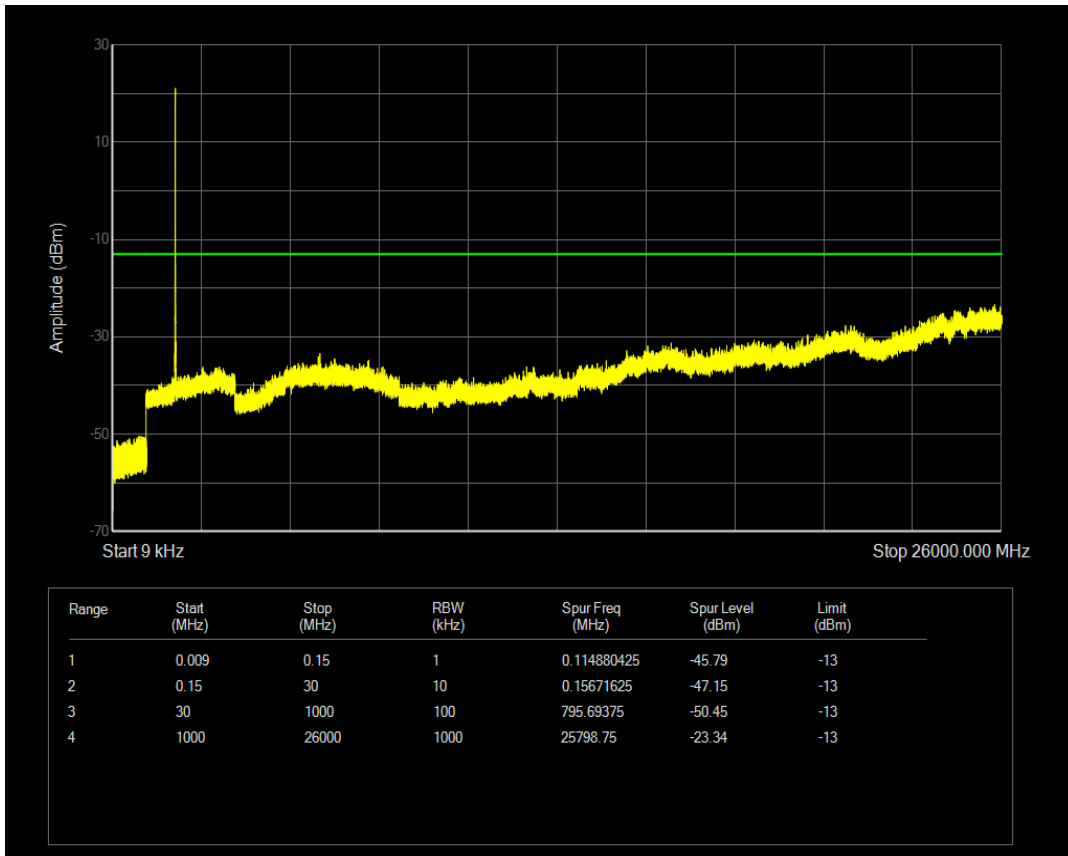
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



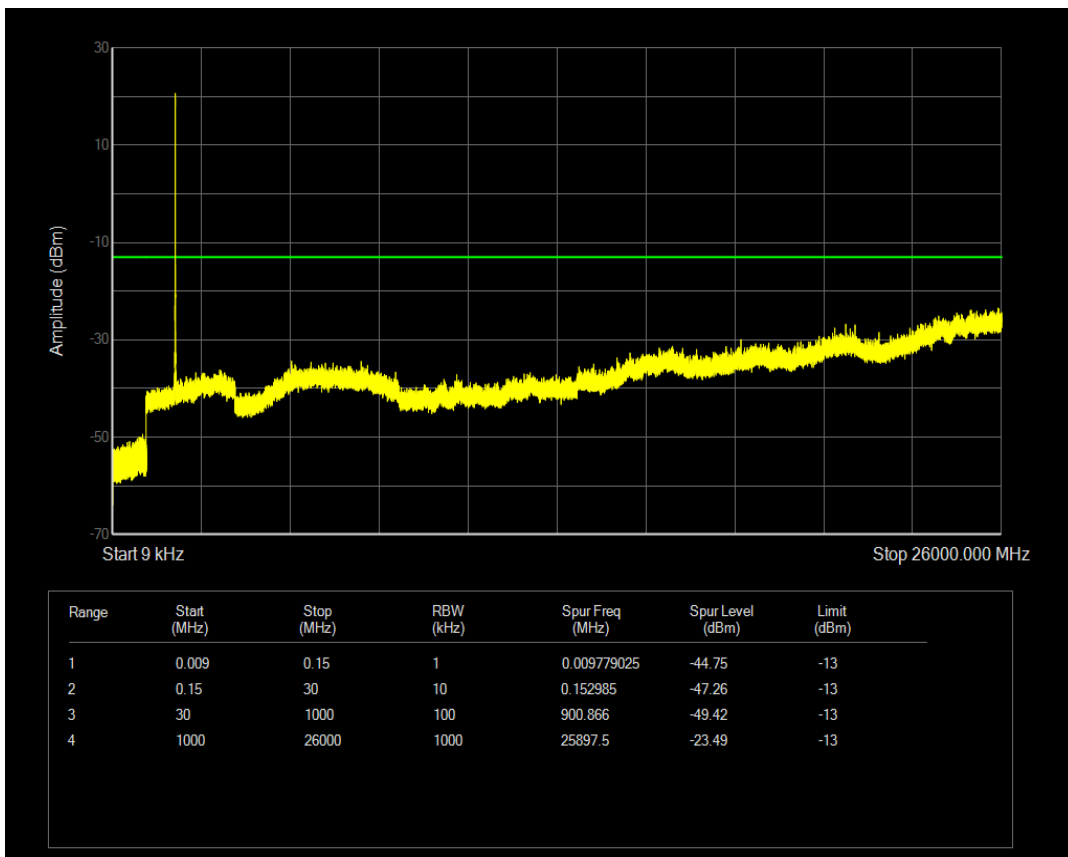
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



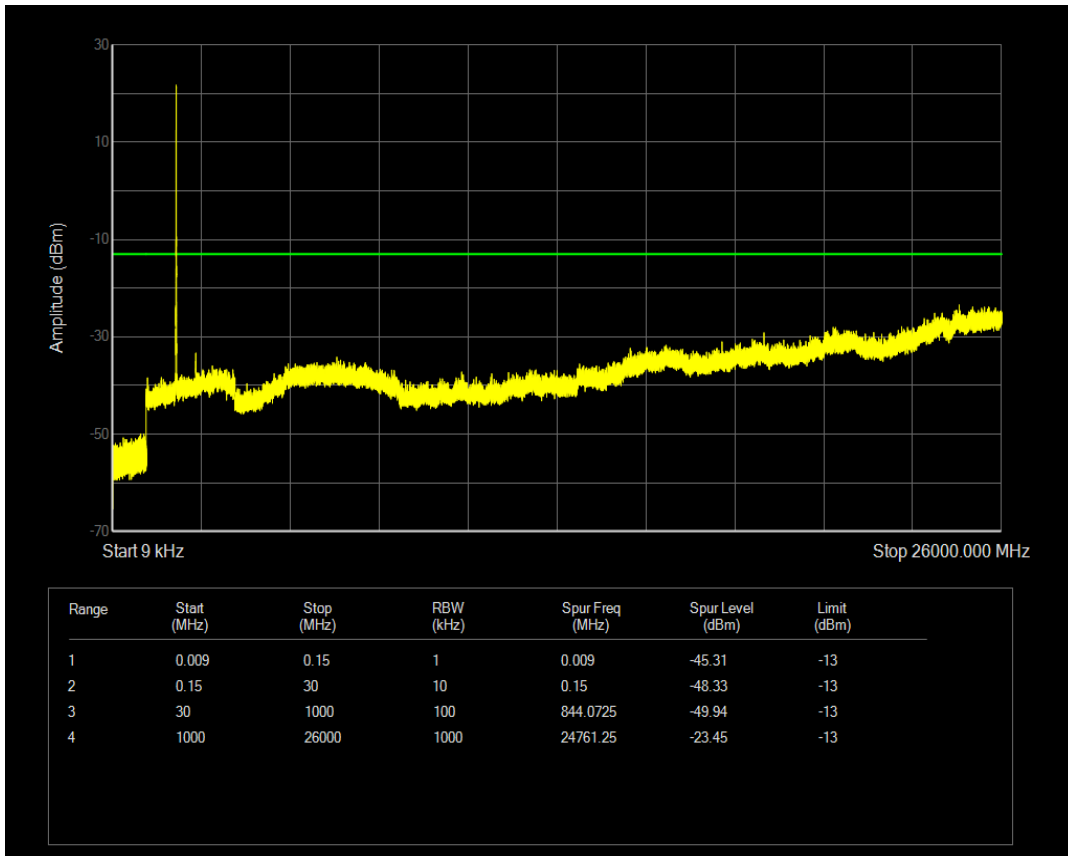
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



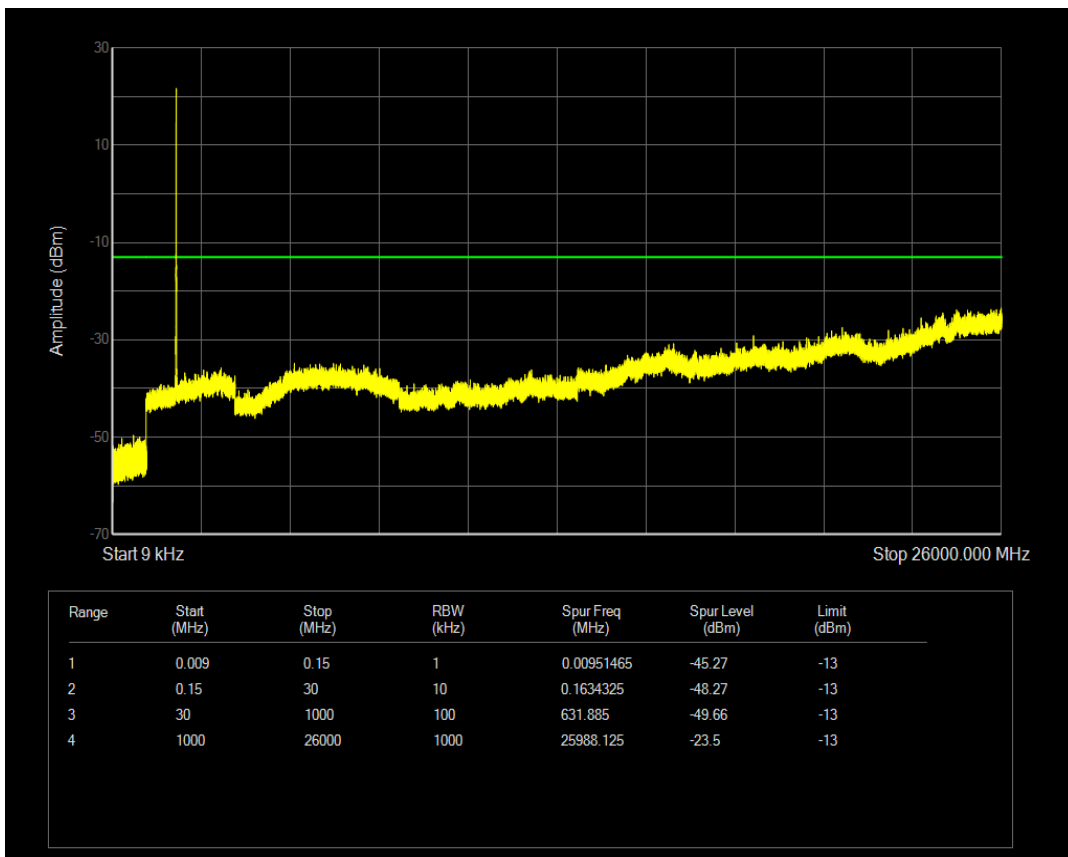
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



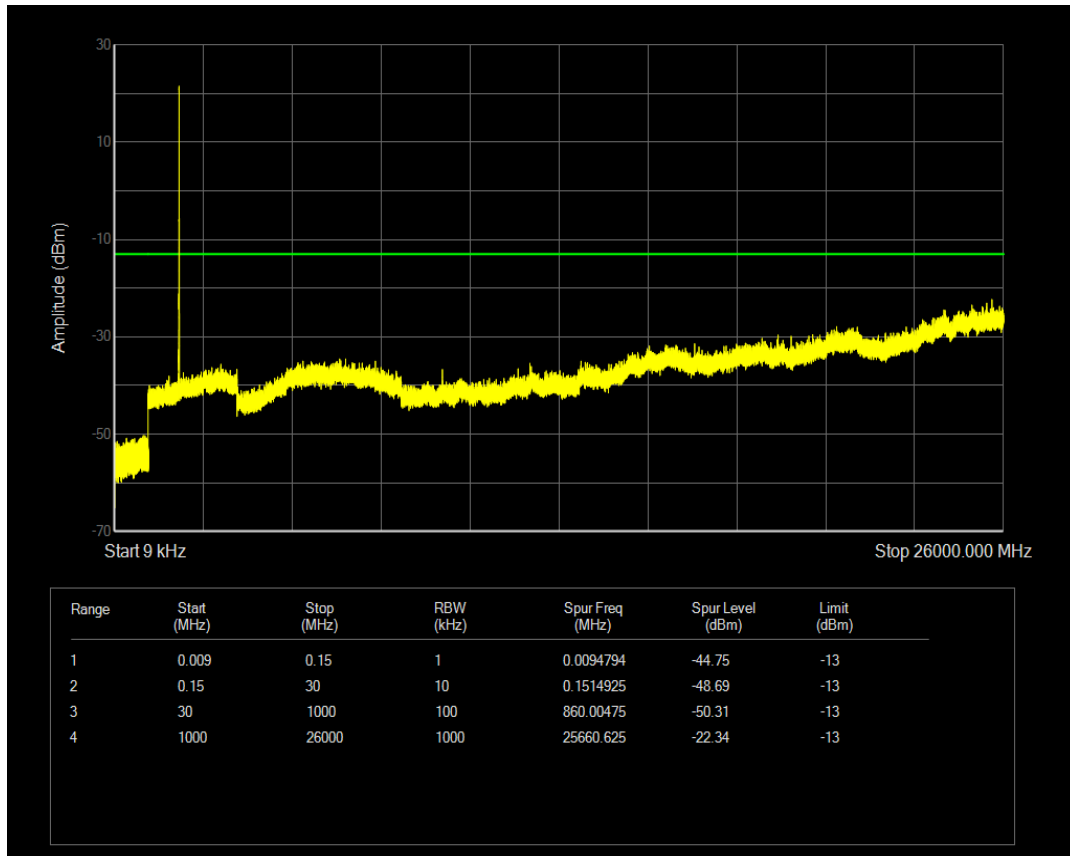
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



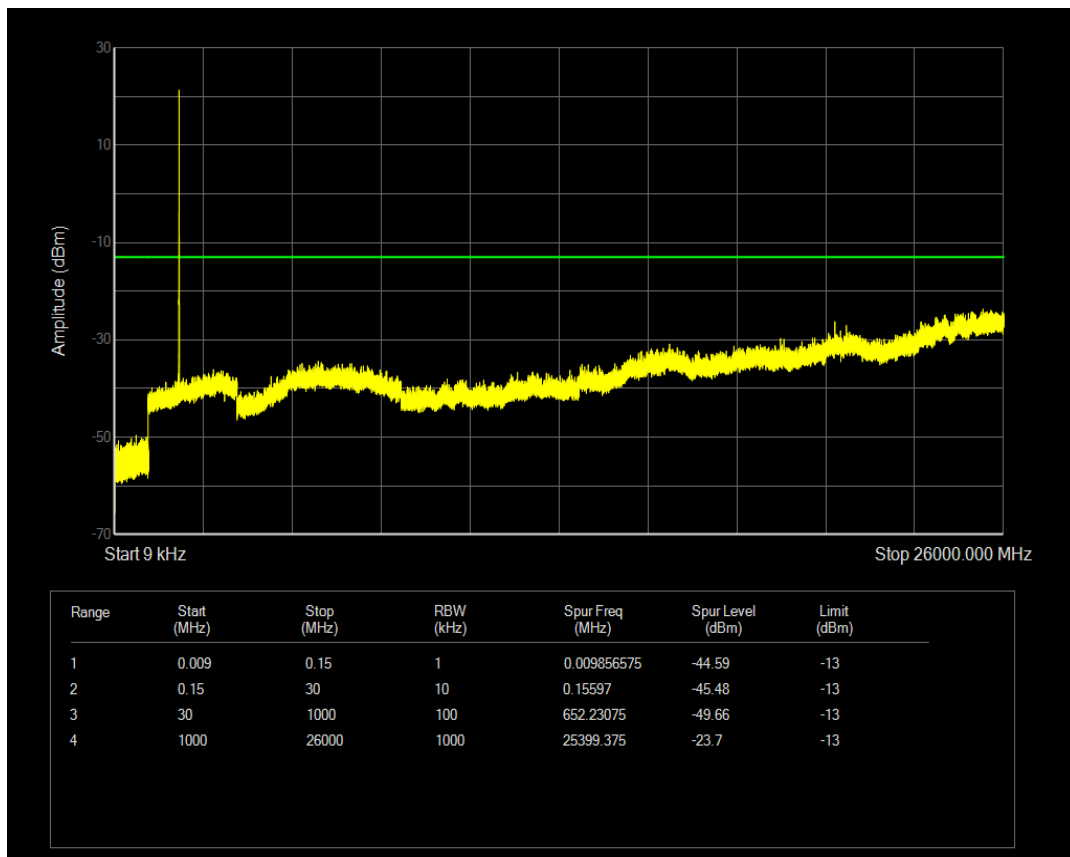
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



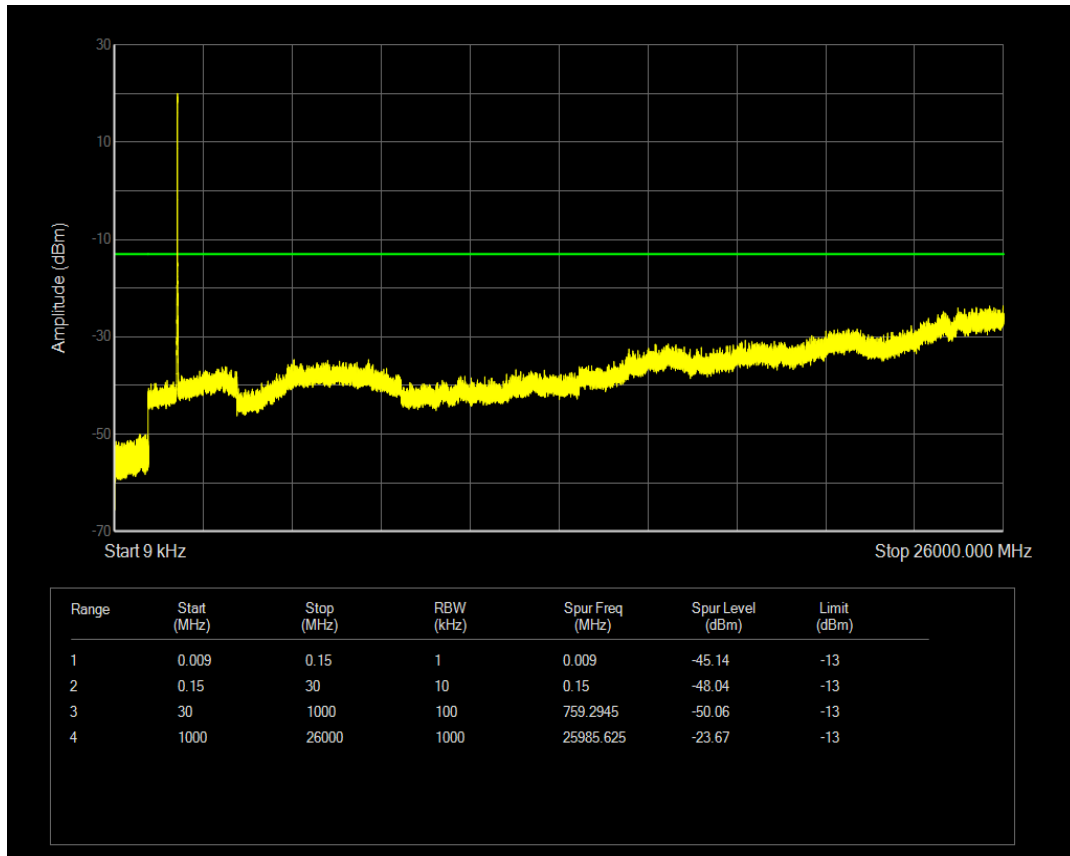
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



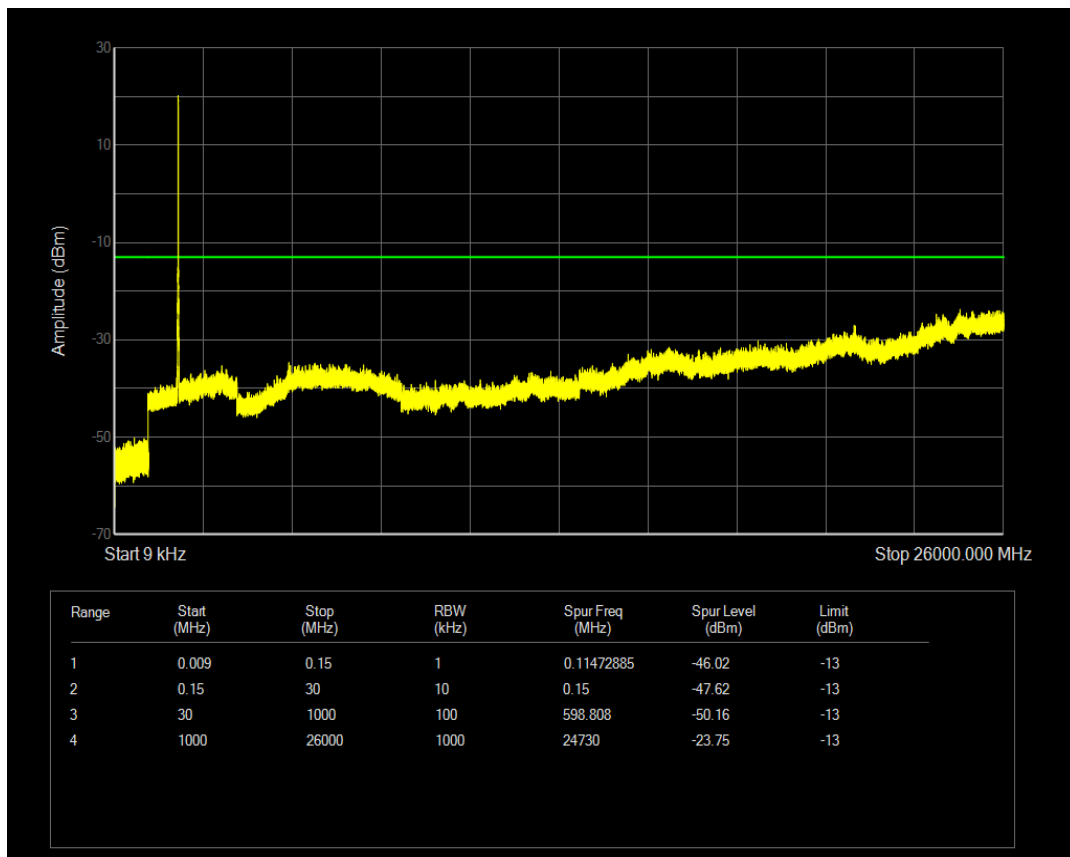
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



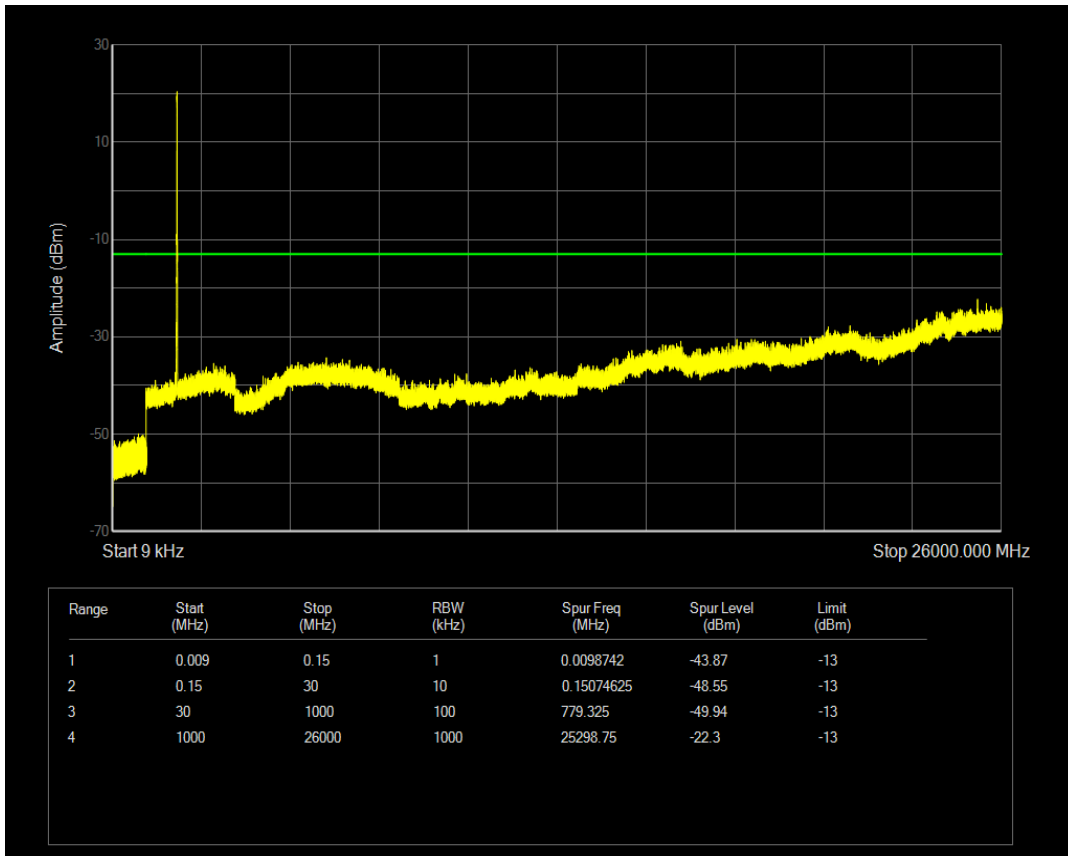
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



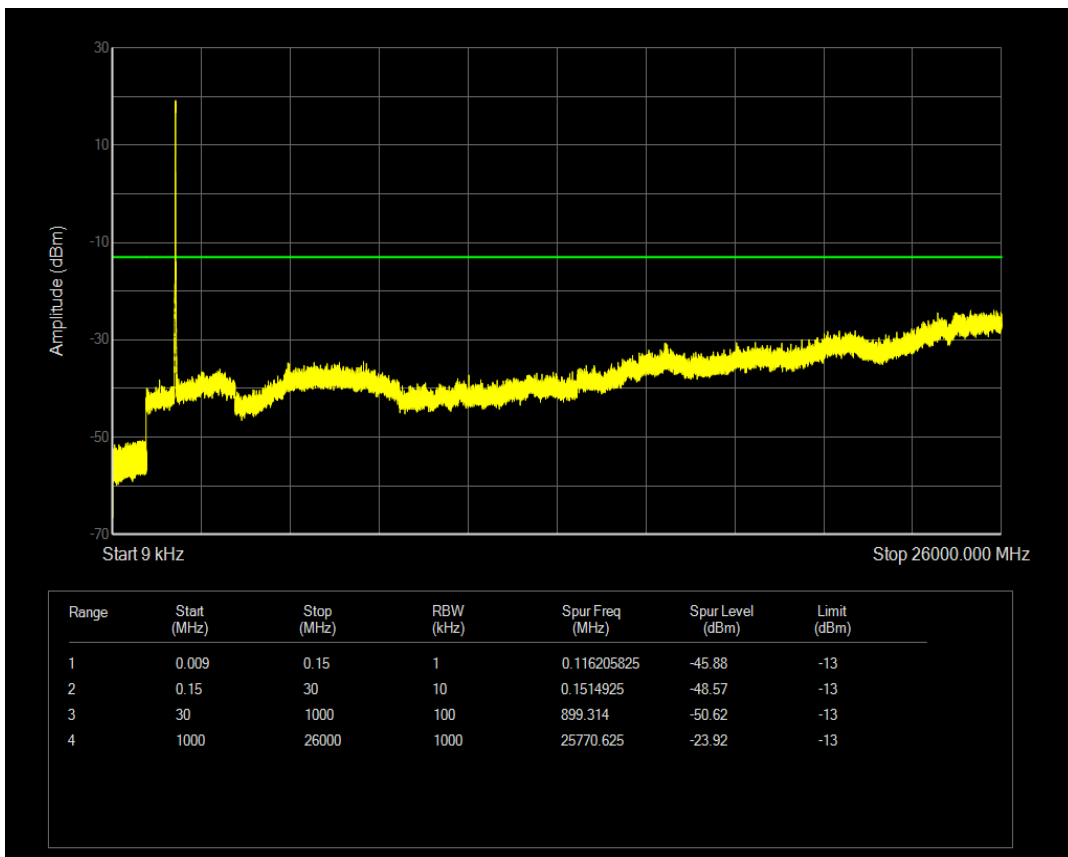
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



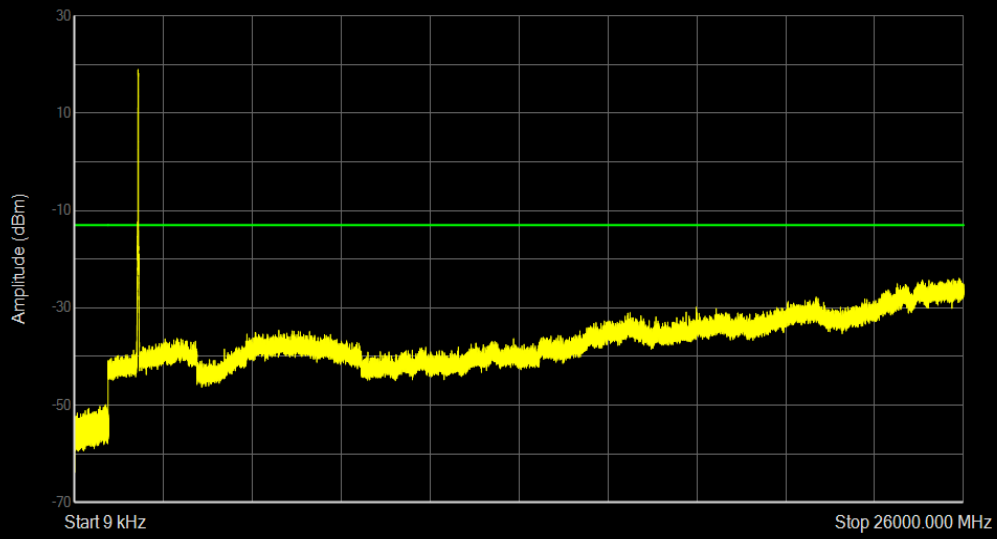
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



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

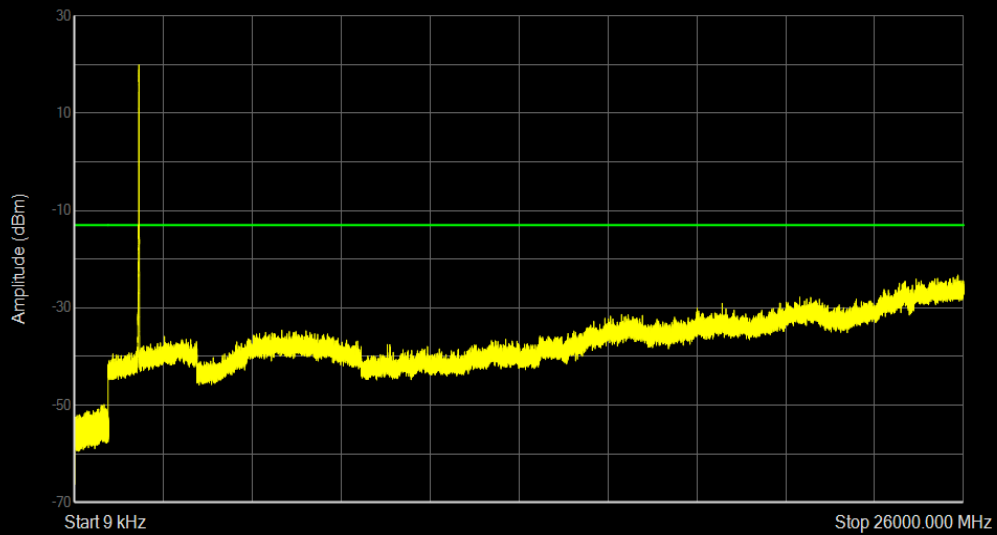


Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



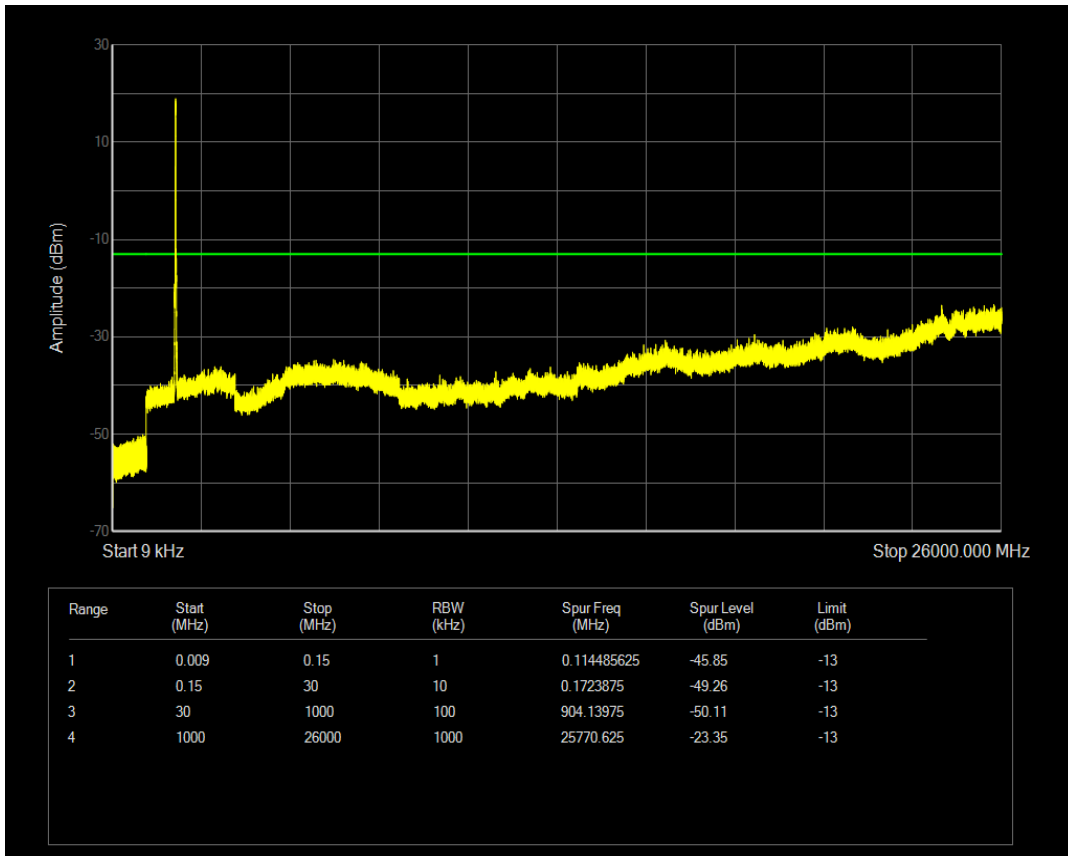
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009151575	-46.04	-13
2	0.15	30	10	0.16417875	-47.97	-13
3	30	1000	100	925.1645	-49.9	-13
4	1000	26000	1000	25868.125	-23.94	-13

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

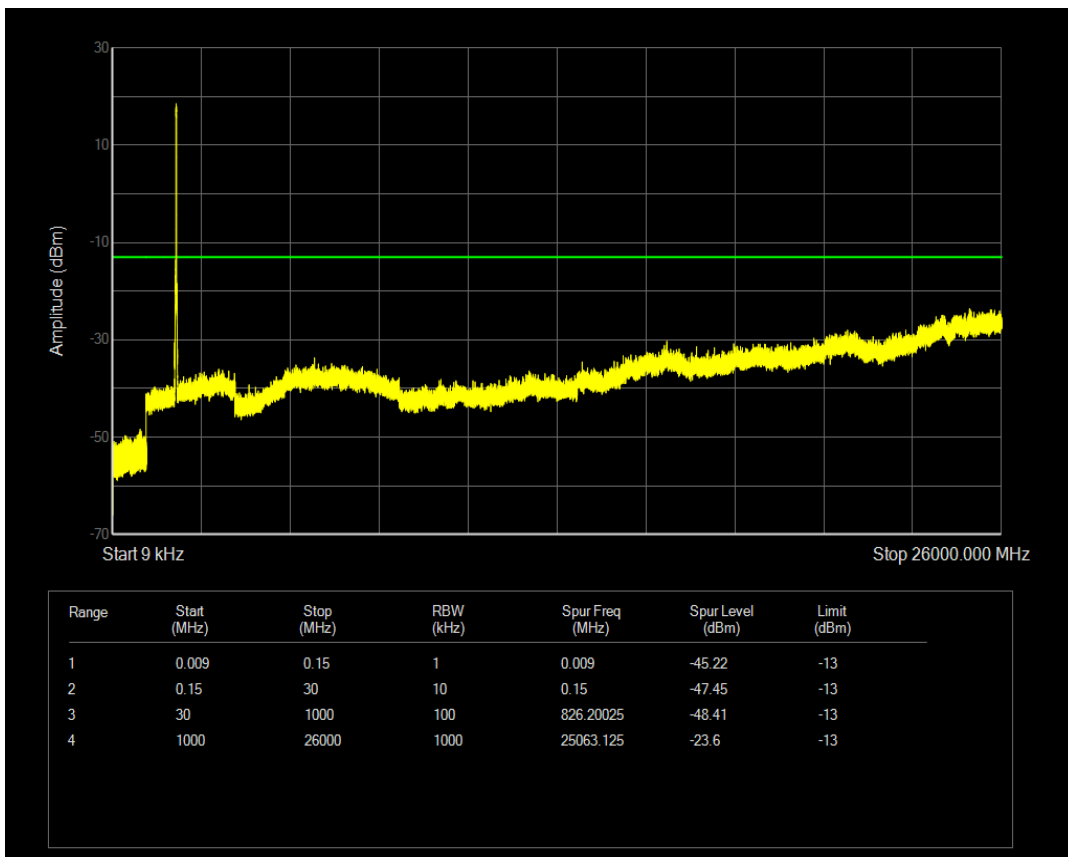


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090705	-45.37	-13
2	0.15	30	10	0.15	-48.39	-13
3	30	1000	100	884.93375	-49.88	-13
4	1000	26000	1000	25835	-23.26	-13

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

