

Appendix for Band 2

FCC ID: 2BMTM-DOGZE4G

Report No.: BCTC2411568200-2E

Applicant: M2AiM Services LLC

Product Name: GPS collar for Hunting Dogs

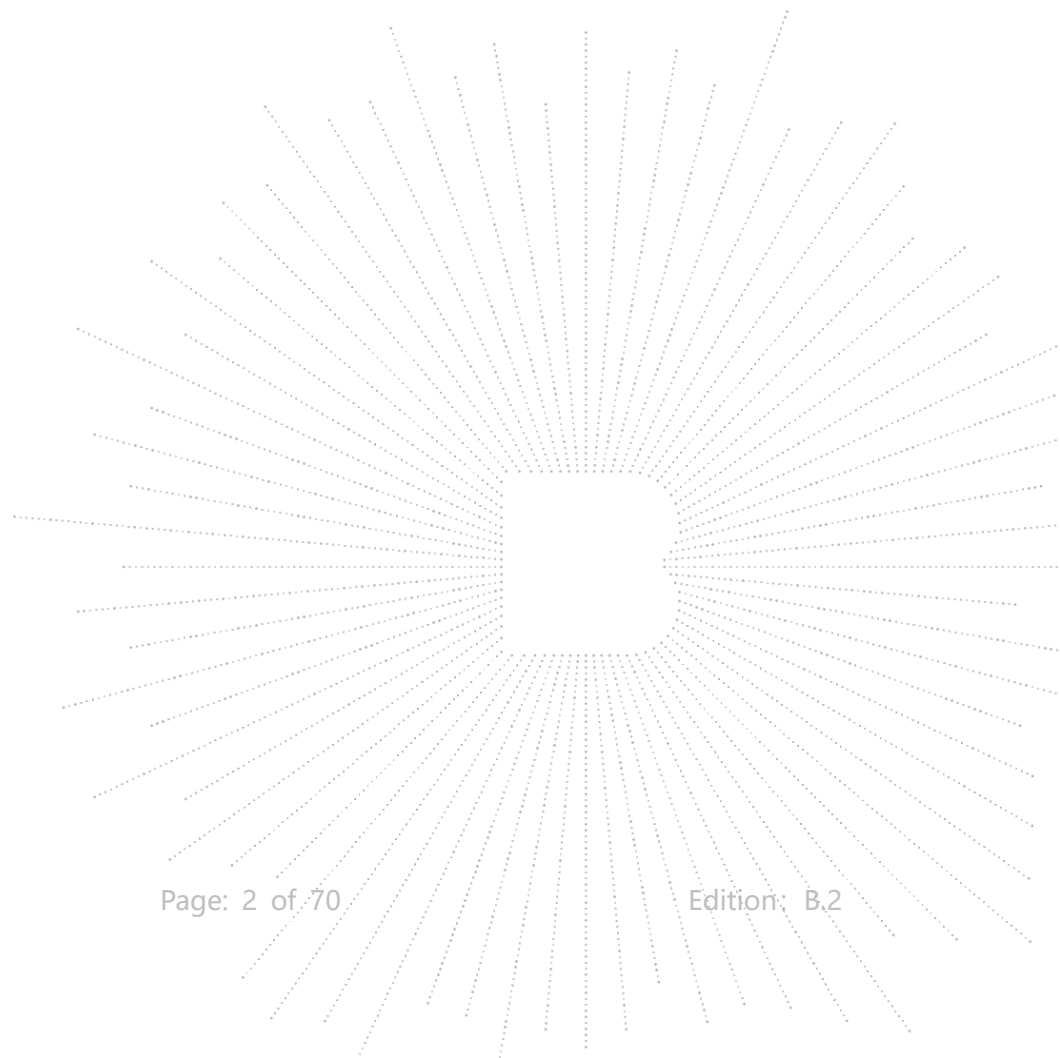
Test Model: DOGZE 4G

Tested Date: 2024-11-04 to 2024-12-05

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Conducted output power

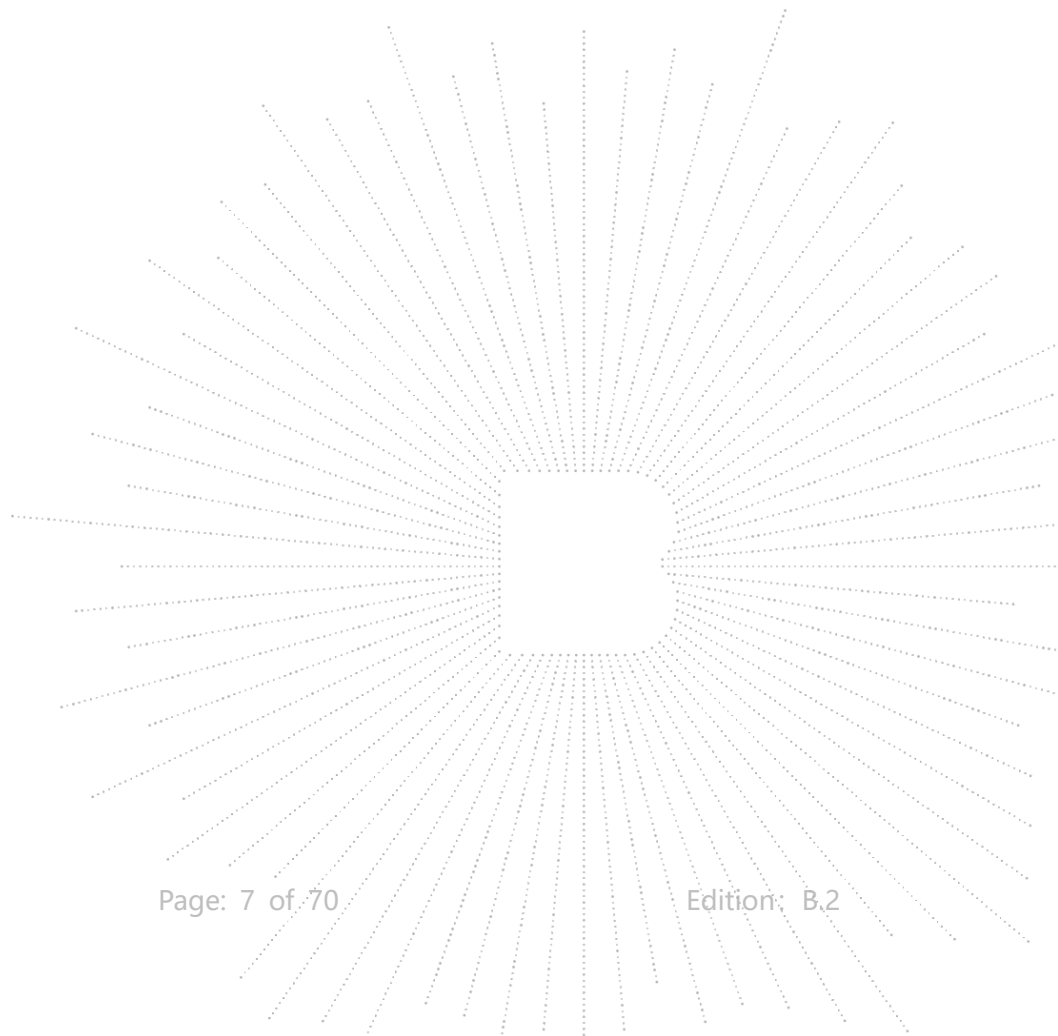
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	21.22	1	22.22	PASS
Band2	1.4	18607	1	#Mid	QPSK	21.17	1	22.17	PASS
Band2	1.4	18607	1	#Max	QPSK	21.08	1	22.08	PASS
Band2	1.4	18607	3	#0	QPSK	20.95	1	21.95	PASS
Band2	1.4	18607	3	#Mid	QPSK	20.93	1	21.93	PASS
Band2	1.4	18607	3	#Max	QPSK	20.92	1	21.92	PASS
Band2	1.4	18607	6	#0	QPSK	19.89	1	20.89	PASS
Band2	1.4	18607	1	#0	16QAM	20.22	1	21.22	PASS
Band2	1.4	18607	1	#Mid	16QAM	20.20	1	21.20	PASS
Band2	1.4	18607	1	#Max	16QAM	20.20	1	21.20	PASS
Band2	1.4	18607	3	#0	16QAM	20.16	1	21.16	PASS
Band2	1.4	18607	3	#Mid	16QAM	20.15	1	21.15	PASS
Band2	1.4	18607	3	#Max	16QAM	20.11	1	21.11	PASS
Band2	1.4	18607	6	#0	16QAM	19.20	1	20.20	PASS
Band2	1.4	18900	1	#0	QPSK	23.00	1	24.00	PASS
Band2	1.4	18900	1	#Mid	QPSK	22.97	1	23.97	PASS
Band2	1.4	18900	1	#Max	QPSK	22.90	1	23.90	PASS
Band2	1.4	18900	3	#0	QPSK	22.95	1	23.95	PASS
Band2	1.4	18900	3	#Mid	QPSK	22.90	1	23.90	PASS
Band2	1.4	18900	3	#Max	QPSK	22.86	1	23.86	PASS
Band2	1.4	18900	6	#0	QPSK	21.91	1	22.91	PASS
Band2	1.4	18900	1	#0	16QAM	22.24	1	23.24	PASS
Band2	1.4	18900	1	#Mid	16QAM	22.18	1	23.18	PASS
Band2	1.4	18900	1	#Max	16QAM	22.15	1	23.15	PASS
Band2	1.4	18900	3	#0	16QAM	22.22	1	23.22	PASS
Band2	1.4	18900	3	#Mid	16QAM	22.22	1	23.22	PASS
Band2	1.4	18900	3	#Max	16QAM	22.17	1	23.17	PASS
Band2	1.4	18900	6	#0	16QAM	21.19	1	22.19	PASS
Band2	1.4	19193	1	#0	QPSK	22.91	1	23.91	PASS
Band2	1.4	19193	1	#Mid	QPSK	22.76	1	23.76	PASS
Band2	1.4	19193	1	#Max	QPSK	22.49	1	23.49	PASS
Band2	1.4	19193	3	#0	QPSK	22.63	1	23.63	PASS
Band2	1.4	19193	3	#Mid	QPSK	22.58	1	23.58	PASS
Band2	1.4	19193	3	#Max	QPSK	22.46	1	23.46	PASS
Band2	1.4	19193	6	#0	QPSK	21.59	1	22.59	PASS
Band2	1.4	19193	1	#0	16QAM	21.66	1	22.66	PASS
Band2	1.4	19193	1	#Mid	16QAM	21.60	1	22.60	PASS
Band2	1.4	19193	1	#Max	16QAM	21.50	1	22.50	PASS

Band2	1.4	19193	3	#0	16QAM	21.84	1	22.84	PASS
Band2	1.4	19193	3	#Mid	16QAM	21.81	1	22.81	PASS
Band2	1.4	19193	3	#Max	16QAM	21.77	1	22.77	PASS
Band2	1.4	19193	6	#0	16QAM	20.82	1	21.82	PASS
Band2	3	18615	1	#0	QPSK	20.83	1	21.83	PASS
Band2	3	18615	1	#Mid	QPSK	20.82	1	21.82	PASS
Band2	3	18615	1	#Max	QPSK	20.69	1	21.69	PASS
Band2	3	18615	8	#0	QPSK	19.72	1	20.72	PASS
Band2	3	18615	8	#Mid	QPSK	19.75	1	20.75	PASS
Band2	3	18615	8	#Max	QPSK	19.74	1	20.74	PASS
Band2	3	18615	15	#0	QPSK	19.68	1	20.68	PASS
Band2	3	18615	1	#0	16QAM	20.17	1	21.17	PASS
Band2	3	18615	1	#Mid	16QAM	20.27	1	21.27	PASS
Band2	3	18615	1	#Max	16QAM	20.16	1	21.16	PASS
Band2	3	18615	8	#0	16QAM	18.85	1	19.85	PASS
Band2	3	18615	8	#Mid	16QAM	18.88	1	19.88	PASS
Band2	3	18615	8	#Max	16QAM	18.88	1	19.88	PASS
Band2	3	18615	15	#0	16QAM	18.86	1	19.86	PASS
Band2	3	18900	1	#0	QPSK	22.95	1	23.95	PASS
Band2	3	18900	1	#Mid	QPSK	22.82	1	23.82	PASS
Band2	3	18900	1	#Max	QPSK	22.65	1	23.65	PASS
Band2	3	18900	8	#0	QPSK	21.89	1	22.89	PASS
Band2	3	18900	8	#Mid	QPSK	21.85	1	22.85	PASS
Band2	3	18900	8	#Max	QPSK	21.77	1	22.77	PASS
Band2	3	18900	15	#0	QPSK	21.82	1	22.82	PASS
Band2	3	18900	1	#0	16QAM	22.16	1	23.16	PASS
Band2	3	18900	1	#Mid	16QAM	22.09	1	23.09	PASS
Band2	3	18900	1	#Max	16QAM	21.91	1	22.91	PASS
Band2	3	18900	8	#0	16QAM	20.98	1	21.98	PASS
Band2	3	18900	8	#Mid	16QAM	20.99	1	21.99	PASS
Band2	3	18900	8	#Max	16QAM	20.88	1	21.88	PASS
Band2	3	18900	15	#0	16QAM	20.91	1	21.91	PASS
Band2	3	19185	1	#0	QPSK	22.97	1	23.97	PASS
Band2	3	19185	1	#Mid	QPSK	22.83	1	23.83	PASS
Band2	3	19185	1	#Max	QPSK	22.44	1	23.44	PASS
Band2	3	19185	8	#0	QPSK	21.84	1	22.84	PASS
Band2	3	19185	8	#Mid	QPSK	21.83	1	22.83	PASS
Band2	3	19185	8	#Max	QPSK	21.70	1	22.70	PASS
Band2	3	19185	15	#0	QPSK	21.79	1	22.79	PASS
Band2	3	19185	1	#0	16QAM	21.86	1	22.86	PASS
Band2	3	19185	1	#Mid	16QAM	21.76	1	22.76	PASS
Band2	3	19185	1	#Max	16QAM	21.46	1	22.46	PASS
Band2	3	19185	8	#0	16QAM	20.85	1	21.85	PASS

Band2	3	19185	8	#Mid	16QAM	20.86	1	21.86	PASS
Band2	3	19185	8	#Max	16QAM	20.66	1	21.66	PASS
Band2	3	19185	15	#0	16QAM	20.90	1	21.90	PASS
Band2	5	18625	1	#0	QPSK	21.18	1	22.18	PASS
Band2	5	18625	1	#Mid	QPSK	20.99	1	21.99	PASS
Band2	5	18625	1	#Max	QPSK	21.13	1	22.13	PASS
Band2	5	18625	12	#0	QPSK	19.75	1	20.75	PASS
Band2	5	18625	12	#Mid	QPSK	19.87	1	20.87	PASS
Band2	5	18625	12	#Max	QPSK	19.84	1	20.84	PASS
Band2	5	18625	25	#0	QPSK	19.82	1	20.82	PASS
Band2	5	18625	1	#0	16QAM	20.58	1	21.58	PASS
Band2	5	18625	1	#Mid	16QAM	20.62	1	21.62	PASS
Band2	5	18625	1	#Max	16QAM	20.65	1	21.65	PASS
Band2	5	18625	12	#0	16QAM	18.86	1	19.86	PASS
Band2	5	18625	12	#Mid	16QAM	18.99	1	19.99	PASS
Band2	5	18625	12	#Max	16QAM	18.94	1	19.94	PASS
Band2	5	18625	25	#0	16QAM	18.84	1	19.84	PASS
Band2	5	18900	1	#0	QPSK	23.39	1	24.39	PASS
Band2	5	18900	1	#Mid	QPSK	23.07	1	24.07	PASS
Band2	5	18900	1	#Max	QPSK	22.92	1	23.92	PASS
Band2	5	18900	12	#0	QPSK	21.98	1	22.98	PASS
Band2	5	18900	12	#Mid	QPSK	21.96	1	22.96	PASS
Band2	5	18900	12	#Max	QPSK	21.77	1	22.77	PASS
Band2	5	18900	25	#0	QPSK	21.92	1	22.92	PASS
Band2	5	18900	1	#0	16QAM	22.54	1	23.54	PASS
Band2	5	18900	1	#Mid	16QAM	22.37	1	23.37	PASS
Band2	5	18900	1	#Max	16QAM	22.15	1	23.15	PASS
Band2	5	18900	12	#0	16QAM	21.02	1	22.02	PASS
Band2	5	18900	12	#Mid	16QAM	21.02	1	22.02	PASS
Band2	5	18900	12	#Max	16QAM	20.83	1	21.83	PASS
Band2	5	18900	25	#0	16QAM	21.00	1	22.00	PASS
Band2	5	19175	1	#0	QPSK	23.29	1	24.29	PASS
Band2	5	19175	1	#Mid	QPSK	22.98	1	23.98	PASS
Band2	5	19175	1	#Max	QPSK	22.78	1	23.78	PASS
Band2	5	19175	12	#0	QPSK	22.01	1	23.01	PASS
Band2	5	19175	12	#Mid	QPSK	22.13	1	23.13	PASS
Band2	5	19175	12	#Max	QPSK	21.81	1	22.81	PASS
Band2	5	19175	25	#0	QPSK	21.97	1	22.97	PASS
Band2	5	19175	1	#0	16QAM	22.56	1	23.56	PASS
Band2	5	19175	1	#Mid	16QAM	22.41	1	23.41	PASS
Band2	5	19175	1	#Max	16QAM	22.05	1	23.05	PASS
Band2	5	19175	12	#0	16QAM	21.06	1	22.06	PASS
Band2	5	19175	12	#Mid	16QAM	21.11	1	22.11	PASS

Band2	5	19175	12	#Max	16QAM	20.89	1	21.89	PASS
Band2	5	19175	25	#0	16QAM	20.92	1	21.92	PASS
Band2	10	18650	1	#0	QPSK	21.21	1	22.21	PASS
Band2	10	18650	1	#Mid	QPSK	21.18	1	22.18	PASS
Band2	10	18650	1	#Max	QPSK	21.75	1	22.75	PASS
Band2	10	18650	25	#0	QPSK	19.62	1	20.62	PASS
Band2	10	18650	25	#Mid	QPSK	19.91	1	20.91	PASS
Band2	10	18650	25	#Max	QPSK	20.03	1	21.03	PASS
Band2	10	18650	50	#0	QPSK	19.81	1	20.81	PASS
Band2	10	18900	1	#0	QPSK	23.50	1	24.50	PASS
Band2	10	18900	1	#Mid	QPSK	23.02	1	24.02	PASS
Band2	10	18900	1	#Max	QPSK	22.67	1	23.67	PASS
Band2	10	18900	25	#0	QPSK	21.90	1	22.90	PASS
Band2	10	18900	25	#Mid	QPSK	21.88	1	22.88	PASS
Band2	10	18900	25	#Max	QPSK	21.50	1	22.50	PASS
Band2	10	18900	50	#0	QPSK	21.71	1	22.71	PASS
Band2	10	19150	1	#0	QPSK	22.60	1	23.60	PASS
Band2	10	19150	1	#Mid	QPSK	23.21	1	24.21	PASS
Band2	10	19150	1	#Max	QPSK	23.05	1	24.05	PASS
Band2	10	19150	25	#0	QPSK	21.56	1	22.56	PASS
Band2	10	19150	25	#Mid	QPSK	22.00	1	23.00	PASS
Band2	10	19150	25	#Max	QPSK	21.85	1	22.85	PASS
Band2	10	19150	50	#0	QPSK	21.75	1	22.75	PASS
Band2	15	18675	1	#0	QPSK	21.82	1	22.82	PASS
Band2	15	18675	1	#Mid	QPSK	22.02	1	23.02	PASS
Band2	15	18675	1	#Max	QPSK	23.01	1	24.01	PASS
Band2	15	18675	36	#0	QPSK	20.64	1	21.64	PASS
Band2	15	18675	36	#Mid	QPSK	20.99	1	21.99	PASS
Band2	15	18675	36	#Max	QPSK	21.41	1	22.41	PASS
Band2	15	18675	75	#0	QPSK	22.09	1	23.09	PASS
Band2	15	18900	1	#0	QPSK	24.24	1	25.24	PASS
Band2	15	18900	1	#Mid	QPSK	23.78	1	24.78	PASS
Band2	15	18900	1	#Max	QPSK	23.11	1	24.11	PASS
Band2	15	18900	36	#0	QPSK	22.94	1	23.94	PASS
Band2	15	18900	36	#Mid	QPSK	22.80	1	23.80	PASS
Band2	15	18900	36	#Max	QPSK	22.37	1	23.37	PASS
Band2	15	18900	75	#0	QPSK	23.25	1	24.25	PASS
Band2	15	19125	1	#0	QPSK	22.71	1	23.71	PASS
Band2	15	19125	1	#Mid	QPSK	23.38	1	24.38	PASS
Band2	15	19125	1	#Max	QPSK	23.49	1	24.49	PASS
Band2	15	19125	36	#0	QPSK	21.71	1	22.71	PASS
Band2	15	19125	36	#Mid	QPSK	22.30	1	23.30	PASS
Band2	15	19125	36	#Max	QPSK	22.53	1	23.53	PASS

Band2	15	19125	75	#0	QPSK	23.66	1	24.66	PASS
Band2	20	18700	1	#0	QPSK	21.81	1	22.81	PASS
Band2	20	18700	1	#Mid	QPSK	22.45	1	23.45	PASS
Band2	20	18700	1	#Max	QPSK	23.78	1	24.78	PASS
Band2	20	18700	50	#0	QPSK	20.64	1	21.64	PASS
Band2	20	18700	50	#Mid	QPSK	21.30	1	22.30	PASS
Band2	20	18700	50	#Max	QPSK	21.90	1	22.90	PASS
Band2	20	18700	100	#0	QPSK	22.41	1	23.41	PASS
Band2	20	18900	1	#0	QPSK	24.18	1	25.18	PASS
Band2	20	18900	1	#Mid	QPSK	23.83	1	24.83	PASS
Band2	20	18900	1	#Max	QPSK	22.96	1	23.96	PASS
Band2	20	18900	50	#0	QPSK	22.82	1	23.82	PASS
Band2	20	18900	50	#Mid	QPSK	22.70	1	23.70	PASS
Band2	20	18900	50	#Max	QPSK	22.16	1	23.16	PASS
Band2	20	18900	100	#0	QPSK	23.05	1	24.05	PASS
Band2	20	19100	1	#0	QPSK	22.89	1	23.89	PASS
Band2	20	19100	1	#Mid	QPSK	22.93	1	23.93	PASS
Band2	20	19100	1	#Max	QPSK	23.52	1	24.52	PASS
Band2	20	19100	50	#0	QPSK	21.56	1	22.56	PASS
Band2	20	19100	50	#Mid	QPSK	21.78	1	22.78	PASS
Band2	20	19100	50	#Max	QPSK	22.32	1	23.32	PASS
Band2	20	19100	100	#0	QPSK	23.54	1	24.54	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	-14.99	-0.008	PASS
Band2	1.4	18607	6	#0	QPSK	NV	NT	-20.13	-0.011	PASS
Band2	1.4	18607	6	#0	QPSK	HV	NT	1.72	0.001	PASS
Band2	1.4	18607	6	#0	16QAM	LV	NT	-8.54	-0.005	PASS
Band2	1.4	18607	6	#0	16QAM	NV	NT	-12.87	-0.007	PASS
Band2	1.4	18607	6	#0	16QAM	HV	NT	-10.04	-0.005	PASS
Band2	1.4	18900	6	#0	QPSK	LV	NT	-18.50	-0.010	PASS
Band2	1.4	18900	6	#0	QPSK	NV	NT	0.01	0.000	PASS
Band2	1.4	18900	6	#0	QPSK	HV	NT	-9.81	-0.005	PASS
Band2	1.4	18900	6	#0	16QAM	LV	NT	-13.86	-0.007	PASS
Band2	1.4	18900	6	#0	16QAM	NV	NT	18.30	0.010	PASS
Band2	1.4	18900	6	#0	16QAM	HV	NT	1.96	0.001	PASS
Band2	1.4	19193	6	#0	QPSK	LV	NT	-18.77	-0.010	PASS
Band2	1.4	19193	6	#0	QPSK	NV	NT	10.11	0.005	PASS
Band2	1.4	19193	6	#0	QPSK	HV	NT	-7.34	-0.004	PASS
Band2	1.4	19193	6	#0	16QAM	LV	NT	-5.74	-0.003	PASS
Band2	1.4	19193	6	#0	16QAM	NV	NT	-9.83	-0.005	PASS
Band2	1.4	19193	6	#0	16QAM	HV	NT	0.27	0.000	PASS
Band2	3	18615	15	#0	QPSK	LV	NT	-15.51	-0.008	PASS
Band2	3	18615	15	#0	QPSK	NV	NT	-14.93	-0.008	PASS
Band2	3	18615	15	#0	QPSK	HV	NT	-6.08	-0.003	PASS
Band2	3	18615	15	#0	16QAM	LV	NT	14.09	0.008	PASS
Band2	3	18615	15	#0	16QAM	NV	NT	-10.30	-0.006	PASS
Band2	3	18615	15	#0	16QAM	HV	NT	-0.13	0.000	PASS
Band2	3	18900	15	#0	QPSK	LV	NT	-2.78	-0.001	PASS
Band2	3	18900	15	#0	QPSK	NV	NT	-7.42	-0.004	PASS
Band2	3	18900	15	#0	QPSK	HV	NT	-5.55	-0.003	PASS
Band2	3	18900	15	#0	16QAM	LV	NT	3.65	0.002	PASS
Band2	3	18900	15	#0	16QAM	NV	NT	6.65	0.004	PASS
Band2	3	18900	15	#0	16QAM	HV	NT	2.27	0.001	PASS
Band2	3	19185	15	#0	QPSK	LV	NT	6.24	0.003	PASS
Band2	3	19185	15	#0	QPSK	NV	NT	-10.67	-0.006	PASS
Band2	3	19185	15	#0	QPSK	HV	NT	-21.16	-0.011	PASS
Band2	3	19185	15	#0	16QAM	LV	NT	3.18	0.002	PASS
Band2	3	19185	15	#0	16QAM	NV	NT	-14.25	-0.007	PASS
Band2	3	19185	15	#0	16QAM	HV	NT	-7.17	-0.004	PASS
Band2	5	18625	25	#0	QPSK	LV	NT	-16.64	-0.009	PASS
Band2	5	18625	25	#0	QPSK	NV	NT	-8.27	-0.004	PASS

Band2	5	18625	25	#0	QPSK	HV	NT	-15.36	-0.008	PASS
Band2	5	18625	25	#0	16QAM	LV	NT	-7.40	-0.004	PASS
Band2	5	18625	25	#0	16QAM	NV	NT	-6.22	-0.003	PASS
Band2	5	18625	25	#0	16QAM	HV	NT	0.16	0.000	PASS
Band2	5	18900	25	#0	QPSK	LV	NT	-6.24	-0.003	PASS
Band2	5	18900	25	#0	QPSK	NV	NT	-6.52	-0.003	PASS
Band2	5	18900	25	#0	QPSK	HV	NT	-15.99	-0.009	PASS
Band2	5	18900	25	#0	16QAM	LV	NT	-18.21	-0.010	PASS
Band2	5	18900	25	#0	16QAM	NV	NT	-17.91	-0.010	PASS
Band2	5	18900	25	#0	16QAM	HV	NT	-13.09	-0.007	PASS
Band2	5	19175	25	#0	QPSK	LV	NT	-13.56	-0.007	PASS
Band2	5	19175	25	#0	QPSK	NV	NT	-9.24	-0.005	PASS
Band2	5	19175	25	#0	QPSK	HV	NT	-2.07	-0.001	PASS
Band2	5	19175	25	#0	16QAM	LV	NT	-11.63	-0.006	PASS
Band2	5	19175	25	#0	16QAM	NV	NT	-5.61	-0.003	PASS
Band2	5	19175	25	#0	16QAM	HV	NT	-17.44	-0.009	PASS
Band2	10	18650	50	#0	QPSK	LV	NT	-15.41	-0.008	PASS
Band2	10	18650	50	#0	QPSK	NV	NT	-6.57	-0.004	PASS
Band2	10	18650	50	#0	QPSK	HV	NT	3.76	0.002	PASS
Band2	10	18900	50	#0	QPSK	LV	NT	-13.73	-0.007	PASS
Band2	10	18900	50	#0	QPSK	NV	NT	-11.80	-0.006	PASS
Band2	10	18900	50	#0	QPSK	HV	NT	-5.55	-0.003	PASS
Band2	10	19150	50	#0	QPSK	LV	NT	-12.06	-0.006	PASS
Band2	10	19150	50	#0	QPSK	NV	NT	-0.73	0.000	PASS
Band2	10	19150	50	#0	QPSK	HV	NT	-4.46	-0.002	PASS
Band2	15	18675	75	#0	QPSK	LV	NT	-20.57	-0.011	PASS
Band2	15	18675	75	#0	QPSK	NV	NT	-20.33	-0.011	PASS
Band2	15	18675	75	#0	QPSK	HV	NT	-5.51	-0.003	PASS
Band2	15	18900	75	#0	QPSK	LV	NT	-23.63	-0.013	PASS
Band2	15	18900	75	#0	QPSK	NV	NT	-13.40	-0.007	PASS
Band2	15	18900	75	#0	QPSK	HV	NT	-14.82	-0.008	PASS
Band2	15	19125	75	#0	QPSK	LV	NT	-19.64	-0.010	PASS
Band2	15	19125	75	#0	QPSK	NV	NT	-17.58	-0.009	PASS
Band2	15	19125	75	#0	QPSK	HV	NT	-17.94	-0.009	PASS
Band2	20	18700	100	#0	QPSK	LV	NT	-19.54	-0.011	PASS
Band2	20	18700	100	#0	QPSK	NV	NT	-20.03	-0.011	PASS
Band2	20	18700	100	#0	QPSK	HV	NT	-14.86	-0.008	PASS
Band2	20	18900	100	#0	QPSK	LV	NT	-16.65	-0.009	PASS
Band2	20	18900	100	#0	QPSK	NV	NT	-9.23	-0.005	PASS
Band2	20	18900	100	#0	QPSK	HV	NT	-13.88	-0.007	PASS
Band2	20	19100	100	#0	QPSK	LV	NT	-15.06	-0.008	PASS
Band2	20	19100	100	#0	QPSK	NV	NT	-15.84	-0.008	PASS
Band2	20	19100	100	#0	QPSK	HV	NT	-3.13	-0.002	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	-18.11	-0.010	PASS
Band2	1.4	18607	6	#0	QPSK	NV	-20	-18.80	-0.010	PASS
Band2	1.4	18607	6	#0	QPSK	NV	-10	-21.99	-0.012	PASS
Band2	1.4	18607	6	#0	QPSK	NV	0	-11.97	-0.006	PASS
Band2	1.4	18607	6	#0	QPSK	NV	10	-17.84	-0.010	PASS
Band2	1.4	18607	6	#0	QPSK	NV	20	-20.31	-0.011	PASS
Band2	1.4	18607	6	#0	QPSK	NV	30	-13.79	-0.007	PASS
Band2	1.4	18607	6	#0	QPSK	NV	40	-23.47	-0.013	PASS
Band2	1.4	18607	6	#0	QPSK	NV	50	-19.80	-0.011	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-30	-17.21	-0.009	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-20	-19.17	-0.010	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-10	-19.94	-0.011	PASS
Band2	1.4	18607	6	#0	16QAM	NV	0	-12.30	-0.007	PASS
Band2	1.4	18607	6	#0	16QAM	NV	10	-18.48	-0.010	PASS
Band2	1.4	18607	6	#0	16QAM	NV	20	-16.99	-0.009	PASS
Band2	1.4	18607	6	#0	16QAM	NV	30	-13.40	-0.007	PASS
Band2	1.4	18607	6	#0	16QAM	NV	40	-13.32	-0.007	PASS
Band2	1.4	18607	6	#0	16QAM	NV	50	-17.74	-0.010	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-30	-13.00	-0.007	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-20	-18.40	-0.010	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-10	-18.63	-0.010	PASS
Band2	1.4	18900	6	#0	QPSK	NV	0	-19.25	-0.010	PASS
Band2	1.4	18900	6	#0	QPSK	NV	10	-20.34	-0.011	PASS
Band2	1.4	18900	6	#0	QPSK	NV	20	-11.49	-0.006	PASS
Band2	1.4	18900	6	#0	QPSK	NV	30	-15.84	-0.008	PASS
Band2	1.4	18900	6	#0	QPSK	NV	40	-16.97	-0.009	PASS
Band2	1.4	18900	6	#0	QPSK	NV	50	-18.24	-0.010	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-30	-23.26	-0.012	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-20	-24.10	-0.013	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-10	-17.67	-0.009	PASS
Band2	1.4	18900	6	#0	16QAM	NV	0	-12.17	-0.006	PASS
Band2	1.4	18900	6	#0	16QAM	NV	10	-15.26	-0.008	PASS
Band2	1.4	18900	6	#0	16QAM	NV	20	-19.74	-0.011	PASS
Band2	1.4	18900	6	#0	16QAM	NV	30	-16.88	-0.009	PASS
Band2	1.4	18900	6	#0	16QAM	NV	40	-15.15	-0.008	PASS
Band2	1.4	18900	6	#0	16QAM	NV	50	-2.22	-0.001	PASS
Band2	1.4	19193	6	#0	QPSK	NV	-30	-16.95	-0.009	PASS
Band2	1.4	19193	6	#0	QPSK	NV	-20	-15.55	-0.008	PASS
Band2	1.4	19193	6	#0	QPSK	NV	-10	-4.41	-0.002	PASS
Band2	1.4	19193	6	#0	QPSK	NV	0	0.34	0.000	PASS

Band2	1.4	19193	6	#0	QPSK	NV	10	-8.54	-0.004	PASS
Band2	1.4	19193	6	#0	QPSK	NV	20	-17.02	-0.009	PASS
Band2	1.4	19193	6	#0	QPSK	NV	30	-6.92	-0.004	PASS
Band2	1.4	19193	6	#0	QPSK	NV	40	-12.47	-0.007	PASS
Band2	1.4	19193	6	#0	QPSK	NV	50	-24.68	-0.013	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-30	-16.79	-0.009	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-20	-19.21	-0.010	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-10	3.40	0.002	PASS
Band2	1.4	19193	6	#0	16QAM	NV	0	-12.79	-0.007	PASS
Band2	1.4	19193	6	#0	16QAM	NV	10	-15.95	-0.008	PASS
Band2	1.4	19193	6	#0	16QAM	NV	20	-12.52	-0.007	PASS
Band2	1.4	19193	6	#0	16QAM	NV	30	-5.15	-0.003	PASS
Band2	1.4	19193	6	#0	16QAM	NV	40	-10.71	-0.006	PASS
Band2	1.4	19193	6	#0	16QAM	NV	50	-17.21	-0.009	PASS
Band2	3	18615	15	#0	QPSK	NV	-30	-15.86	-0.009	PASS
Band2	3	18615	15	#0	QPSK	NV	-20	-22.92	-0.012	PASS
Band2	3	18615	15	#0	QPSK	NV	-10	-10.80	-0.006	PASS
Band2	3	18615	15	#0	QPSK	NV	0	-12.12	-0.007	PASS
Band2	3	18615	15	#0	QPSK	NV	10	0.53	0.000	PASS
Band2	3	18615	15	#0	QPSK	NV	20	-12.29	-0.007	PASS
Band2	3	18615	15	#0	QPSK	NV	30	-17.50	-0.009	PASS
Band2	3	18615	15	#0	QPSK	NV	40	-14.63	-0.008	PASS
Band2	3	18615	15	#0	QPSK	NV	50	-11.34	-0.006	PASS
Band2	3	18615	15	#0	16QAM	NV	-30	-8.68	-0.005	PASS
Band2	3	18615	15	#0	16QAM	NV	-20	-11.99	-0.006	PASS
Band2	3	18615	15	#0	16QAM	NV	-10	-13.80	-0.007	PASS
Band2	3	18615	15	#0	16QAM	NV	0	-3.29	-0.002	PASS
Band2	3	18615	15	#0	16QAM	NV	10	-7.08	-0.004	PASS
Band2	3	18615	15	#0	16QAM	NV	20	-13.68	-0.007	PASS
Band2	3	18615	15	#0	16QAM	NV	30	-14.99	-0.008	PASS
Band2	3	18615	15	#0	16QAM	NV	40	-0.56	0.000	PASS
Band2	3	18615	15	#0	16QAM	NV	50	-12.62	-0.007	PASS
Band2	3	18900	15	#0	QPSK	NV	-30	-15.36	-0.008	PASS
Band2	3	18900	15	#0	QPSK	NV	-20	-9.48	-0.005	PASS
Band2	3	18900	15	#0	QPSK	NV	-10	-12.26	-0.007	PASS
Band2	3	18900	15	#0	QPSK	NV	0	-18.97	-0.010	PASS
Band2	3	18900	15	#0	QPSK	NV	10	-18.65	-0.010	PASS
Band2	3	18900	15	#0	QPSK	NV	20	-11.47	-0.006	PASS
Band2	3	18900	15	#0	QPSK	NV	30	-11.77	-0.006	PASS
Band2	3	18900	15	#0	QPSK	NV	40	-12.33	-0.007	PASS
Band2	3	18900	15	#0	QPSK	NV	50	-2.16	-0.001	PASS
Band2	3	18900	15	#0	16QAM	NV	-30	-17.57	-0.009	PASS
Band2	3	18900	15	#0	16QAM	NV	-20	-7.61	-0.004	PASS

Band2	3	18900	15	#0	16QAM	NV	-10	-0.30	0.000	PASS
Band2	3	18900	15	#0	16QAM	NV	0	-3.38	-0.002	PASS
Band2	3	18900	15	#0	16QAM	NV	10	-13.59	-0.007	PASS
Band2	3	18900	15	#0	16QAM	NV	20	-14.53	-0.008	PASS
Band2	3	18900	15	#0	16QAM	NV	30	-14.71	-0.008	PASS
Band2	3	18900	15	#0	16QAM	NV	40	-0.86	0.000	PASS
Band2	3	18900	15	#0	16QAM	NV	50	-14.35	-0.008	PASS
Band2	3	19185	15	#0	QPSK	NV	-30	-13.06	-0.007	PASS
Band2	3	19185	15	#0	QPSK	NV	-20	-21.10	-0.011	PASS
Band2	3	19185	15	#0	QPSK	NV	-10	-6.25	-0.003	PASS
Band2	3	19185	15	#0	QPSK	NV	0	-10.54	-0.006	PASS
Band2	3	19185	15	#0	QPSK	NV	10	-8.17	-0.004	PASS
Band2	3	19185	15	#0	QPSK	NV	20	-12.16	-0.006	PASS
Band2	3	19185	15	#0	QPSK	NV	30	-20.00	-0.010	PASS
Band2	3	19185	15	#0	QPSK	NV	40	-7.85	-0.004	PASS
Band2	3	19185	15	#0	QPSK	NV	50	-6.24	-0.003	PASS
Band2	3	19185	15	#0	16QAM	NV	-30	-0.80	0.000	PASS
Band2	3	19185	15	#0	16QAM	NV	-20	-7.28	-0.004	PASS
Band2	3	19185	15	#0	16QAM	NV	-10	-16.65	-0.009	PASS
Band2	3	19185	15	#0	16QAM	NV	0	-9.54	-0.005	PASS
Band2	3	19185	15	#0	16QAM	NV	10	-19.21	-0.010	PASS
Band2	3	19185	15	#0	16QAM	NV	20	-9.61	-0.005	PASS
Band2	3	19185	15	#0	16QAM	NV	30	-10.94	-0.006	PASS
Band2	3	19185	15	#0	16QAM	NV	40	-9.68	-0.005	PASS
Band2	3	19185	15	#0	16QAM	NV	50	-16.11	-0.008	PASS
Band2	5	18625	25	#0	QPSK	NV	-30	-20.10	-0.011	PASS
Band2	5	18625	25	#0	QPSK	NV	-20	-19.74	-0.011	PASS
Band2	5	18625	25	#0	QPSK	NV	-10	-21.33	-0.012	PASS
Band2	5	18625	25	#0	QPSK	NV	0	-21.87	-0.012	PASS
Band2	5	18625	25	#0	QPSK	NV	10	-14.69	-0.008	PASS
Band2	5	18625	25	#0	QPSK	NV	20	-14.76	-0.008	PASS
Band2	5	18625	25	#0	QPSK	NV	30	2.40	0.001	PASS
Band2	5	18625	25	#0	QPSK	NV	40	2.36	0.001	PASS
Band2	5	18625	25	#0	QPSK	NV	50	-10.16	-0.005	PASS
Band2	5	18625	25	#0	16QAM	NV	-30	-13.06	-0.007	PASS
Band2	5	18625	25	#0	16QAM	NV	-20	12.96	0.007	PASS
Band2	5	18625	25	#0	16QAM	NV	-10	-3.10	-0.002	PASS
Band2	5	18625	25	#0	16QAM	NV	0	-4.84	-0.003	PASS
Band2	5	18625	25	#0	16QAM	NV	10	-6.75	-0.004	PASS
Band2	5	18625	25	#0	16QAM	NV	20	-10.13	-0.005	PASS
Band2	5	18625	25	#0	16QAM	NV	30	-10.14	-0.005	PASS
Band2	5	18625	25	#0	16QAM	NV	40	-11.70	-0.006	PASS
Band2	5	18625	25	#0	16QAM	NV	50	-14.69	-0.008	PASS

Band2	5	18900	25	#0	QPSK	NV	-30	-1.17	-0.001	PASS
Band2	5	18900	25	#0	QPSK	NV	-20	-8.78	-0.005	PASS
Band2	5	18900	25	#0	QPSK	NV	-10	-3.13	-0.002	PASS
Band2	5	18900	25	#0	QPSK	NV	0	-9.34	-0.005	PASS
Band2	5	18900	25	#0	QPSK	NV	10	-20.30	-0.011	PASS
Band2	5	18900	25	#0	QPSK	NV	20	-15.74	-0.008	PASS
Band2	5	18900	25	#0	QPSK	NV	30	-7.54	-0.004	PASS
Band2	5	18900	25	#0	QPSK	NV	40	13.06	0.007	PASS
Band2	5	18900	25	#0	QPSK	NV	50	-17.21	-0.009	PASS
Band2	5	18900	25	#0	16QAM	NV	-30	-3.63	-0.002	PASS
Band2	5	18900	25	#0	16QAM	NV	-20	-14.41	-0.008	PASS
Band2	5	18900	25	#0	16QAM	NV	-10	-6.37	-0.003	PASS
Band2	5	18900	25	#0	16QAM	NV	0	0.29	0.000	PASS
Band2	5	18900	25	#0	16QAM	NV	10	-1.10	-0.001	PASS
Band2	5	18900	25	#0	16QAM	NV	20	-15.15	-0.008	PASS
Band2	5	18900	25	#0	16QAM	NV	30	-9.11	-0.005	PASS
Band2	5	18900	25	#0	16QAM	NV	40	-7.27	-0.004	PASS
Band2	5	18900	25	#0	16QAM	NV	50	-4.99	-0.003	PASS
Band2	5	19175	25	#0	QPSK	NV	-30	-13.99	-0.007	PASS
Band2	5	19175	25	#0	QPSK	NV	-20	-19.68	-0.010	PASS
Band2	5	19175	25	#0	QPSK	NV	-10	-16.75	-0.009	PASS
Band2	5	19175	25	#0	QPSK	NV	0	-19.94	-0.010	PASS
Band2	5	19175	25	#0	QPSK	NV	10	-6.58	-0.003	PASS
Band2	5	19175	25	#0	QPSK	NV	20	-14.41	-0.008	PASS
Band2	5	19175	25	#0	QPSK	NV	30	-5.56	-0.003	PASS
Band2	5	19175	25	#0	QPSK	NV	40	-17.05	-0.009	PASS
Band2	5	19175	25	#0	QPSK	NV	50	-6.19	-0.003	PASS
Band2	5	19175	25	#0	16QAM	NV	-30	-14.20	-0.007	PASS
Band2	5	19175	25	#0	16QAM	NV	-20	-7.84	-0.004	PASS
Band2	5	19175	25	#0	16QAM	NV	-10	-10.84	-0.006	PASS
Band2	5	19175	25	#0	16QAM	NV	0	-20.46	-0.011	PASS
Band2	5	19175	25	#0	16QAM	NV	10	-11.87	-0.006	PASS
Band2	5	19175	25	#0	16QAM	NV	20	-21.31	-0.011	PASS
Band2	5	19175	25	#0	16QAM	NV	30	-5.05	-0.003	PASS
Band2	5	19175	25	#0	16QAM	NV	40	-2.75	-0.001	PASS
Band2	5	19175	25	#0	16QAM	NV	50	-6.29	-0.003	PASS
Band2	10	18650	50	#0	QPSK	NV	-30	-6.07	-0.003	PASS
Band2	10	18650	50	#0	QPSK	NV	-20	-16.29	-0.009	PASS
Band2	10	18650	50	#0	QPSK	NV	-10	-13.60	-0.007	PASS
Band2	10	18650	50	#0	QPSK	NV	0	-5.24	-0.003	PASS
Band2	10	18650	50	#0	QPSK	NV	10	-13.28	-0.007	PASS
Band2	10	18650	50	#0	QPSK	NV	20	-8.78	-0.005	PASS
Band2	10	18650	50	#0	QPSK	NV	30	-10.50	-0.006	PASS

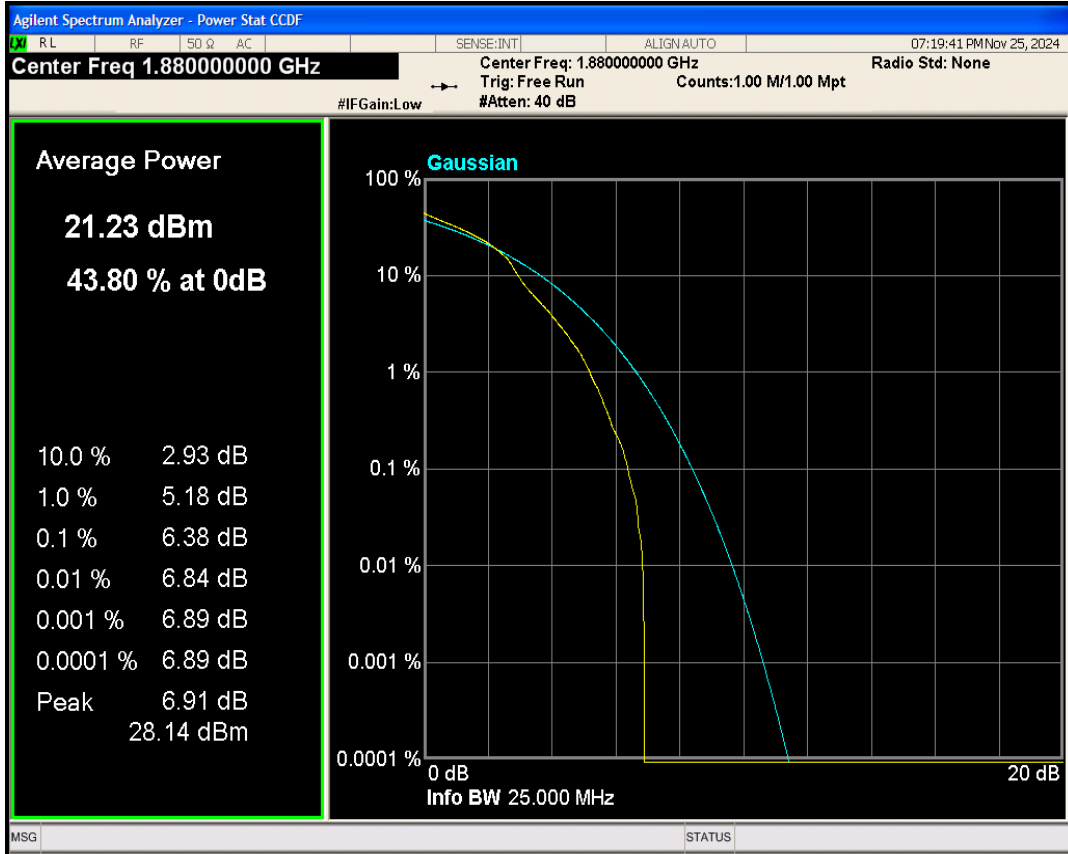
Band2	10	18650	50	#0	QPSK	NV	40	-10.60	-0.006	PASS
Band2	10	18650	50	#0	QPSK	NV	50	11.66	0.006	PASS
Band2	10	18900	50	#0	QPSK	NV	-30	-7.12	-0.004	PASS
Band2	10	18900	50	#0	QPSK	NV	-20	-12.36	-0.007	PASS
Band2	10	18900	50	#0	QPSK	NV	-10	-1.77	-0.001	PASS
Band2	10	18900	50	#0	QPSK	NV	0	-11.97	-0.006	PASS
Band2	10	18900	50	#0	QPSK	NV	10	-12.76	-0.007	PASS
Band2	10	18900	50	#0	QPSK	NV	20	-8.38	-0.004	PASS
Band2	10	18900	50	#0	QPSK	NV	30	-7.11	-0.004	PASS
Band2	10	18900	50	#0	QPSK	NV	40	-7.04	-0.004	PASS
Band2	10	18900	50	#0	QPSK	NV	50	-0.62	0.000	PASS
Band2	10	19150	50	#0	QPSK	NV	-30	0.00	0.000	PASS
Band2	10	19150	50	#0	QPSK	NV	-20	0.00	0.000	PASS
Band2	10	19150	50	#0	QPSK	NV	-10	0.00	0.000	PASS
Band2	10	19150	50	#0	QPSK	NV	0	0.00	0.000	PASS
Band2	10	19150	50	#0	QPSK	NV	10	0.00	0.000	PASS
Band2	10	19150	50	#0	QPSK	NV	20	0.00	0.000	PASS
Band2	10	19150	50	#0	QPSK	NV	30	0.00	0.000	PASS
Band2	10	19150	50	#0	QPSK	NV	40	0.00	0.000	PASS
Band2	10	19150	50	#0	QPSK	NV	50	0.00	0.000	PASS
Band2	15	18675	75	#0	QPSK	NV	-30	-17.35	-0.009	PASS
Band2	15	18675	75	#0	QPSK	NV	-20	-16.92	-0.009	PASS
Band2	15	18675	75	#0	QPSK	NV	-10	-5.99	-0.003	PASS
Band2	15	18675	75	#0	QPSK	NV	0	-16.85	-0.009	PASS
Band2	15	18675	75	#0	QPSK	NV	10	-5.04	-0.003	PASS
Band2	15	18675	75	#0	QPSK	NV	20	-15.62	-0.008	PASS
Band2	15	18675	75	#0	QPSK	NV	30	-19.05	-0.010	PASS
Band2	15	18675	75	#0	QPSK	NV	40	-4.69	-0.003	PASS
Band2	15	18675	75	#0	QPSK	NV	50	-13.96	-0.008	PASS
Band2	15	18900	75	#0	QPSK	NV	-30	-11.60	-0.006	PASS
Band2	15	18900	75	#0	QPSK	NV	-20	-10.64	-0.006	PASS
Band2	15	18900	75	#0	QPSK	NV	-10	-9.67	-0.005	PASS
Band2	15	18900	75	#0	QPSK	NV	0	-12.96	-0.007	PASS
Band2	15	18900	75	#0	QPSK	NV	10	-17.94	-0.010	PASS
Band2	15	18900	75	#0	QPSK	NV	20	-13.93	-0.007	PASS
Band2	15	18900	75	#0	QPSK	NV	30	-13.53	-0.007	PASS
Band2	15	18900	75	#0	QPSK	NV	40	-9.93	-0.005	PASS
Band2	15	18900	75	#0	QPSK	NV	50	-11.37	-0.006	PASS
Band2	15	19125	75	#0	QPSK	NV	-30	-14.49	-0.008	PASS
Band2	15	19125	75	#0	QPSK	NV	-20	-14.88	-0.008	PASS
Band2	15	19125	75	#0	QPSK	NV	-10	-12.72	-0.007	PASS
Band2	15	19125	75	#0	QPSK	NV	0	-15.06	-0.008	PASS
Band2	15	19125	75	#0	QPSK	NV	10	-14.20	-0.007	PASS

Band2	15	19125	75	#0	QPSK	NV	20	-9.04	-0.005	PASS
Band2	15	19125	75	#0	QPSK	NV	30	-10.36	-0.005	PASS
Band2	15	19125	75	#0	QPSK	NV	40	-17.40	-0.009	PASS
Band2	15	19125	75	#0	QPSK	NV	50	-15.19	-0.008	PASS
Band2	20	18700	100	#0	QPSK	NV	-30	-10.76	-0.006	PASS
Band2	20	18700	100	#0	QPSK	NV	-20	8.70	0.005	PASS
Band2	20	18700	100	#0	QPSK	NV	-10	-8.84	-0.005	PASS
Band2	20	18700	100	#0	QPSK	NV	0	-8.77	-0.005	PASS
Band2	20	18700	100	#0	QPSK	NV	10	-8.64	-0.005	PASS
Band2	20	18700	100	#0	QPSK	NV	20	-17.84	-0.010	PASS
Band2	20	18700	100	#0	QPSK	NV	30	-15.69	-0.008	PASS
Band2	20	18700	100	#0	QPSK	NV	40	-10.39	-0.006	PASS
Band2	20	18700	100	#0	QPSK	NV	50	-8.88	-0.005	PASS
Band2	20	18900	100	#0	QPSK	NV	-30	-20.47	-0.011	PASS
Band2	20	18900	100	#0	QPSK	NV	-20	-16.77	-0.009	PASS
Band2	20	18900	100	#0	QPSK	NV	-10	-10.89	-0.006	PASS
Band2	20	18900	100	#0	QPSK	NV	0	-0.40	0.000	PASS
Band2	20	18900	100	#0	QPSK	NV	10	-18.05	-0.010	PASS
Band2	20	18900	100	#0	QPSK	NV	20	-6.68	-0.004	PASS
Band2	20	18900	100	#0	QPSK	NV	30	-9.18	-0.005	PASS
Band2	20	18900	100	#0	QPSK	NV	40	-15.55	-0.008	PASS
Band2	20	18900	100	#0	QPSK	NV	50	-9.83	-0.005	PASS
Band2	20	19100	100	#0	QPSK	NV	-30	-13.22	-0.007	PASS
Band2	20	19100	100	#0	QPSK	NV	-20	-2.53	-0.001	PASS
Band2	20	19100	100	#0	QPSK	NV	-10	0.29	0.000	PASS
Band2	20	19100	100	#0	QPSK	NV	0	-8.41	-0.004	PASS
Band2	20	19100	100	#0	QPSK	NV	10	-17.80	-0.009	PASS
Band2	20	19100	100	#0	QPSK	NV	20	-7.08	-0.004	PASS
Band2	20	19100	100	#0	QPSK	NV	30	-13.50	-0.007	PASS
Band2	20	19100	100	#0	QPSK	NV	40	-15.08	-0.008	PASS
Band2	20	19100	100	#0	QPSK	NV	50	-11.00	-0.006	PASS

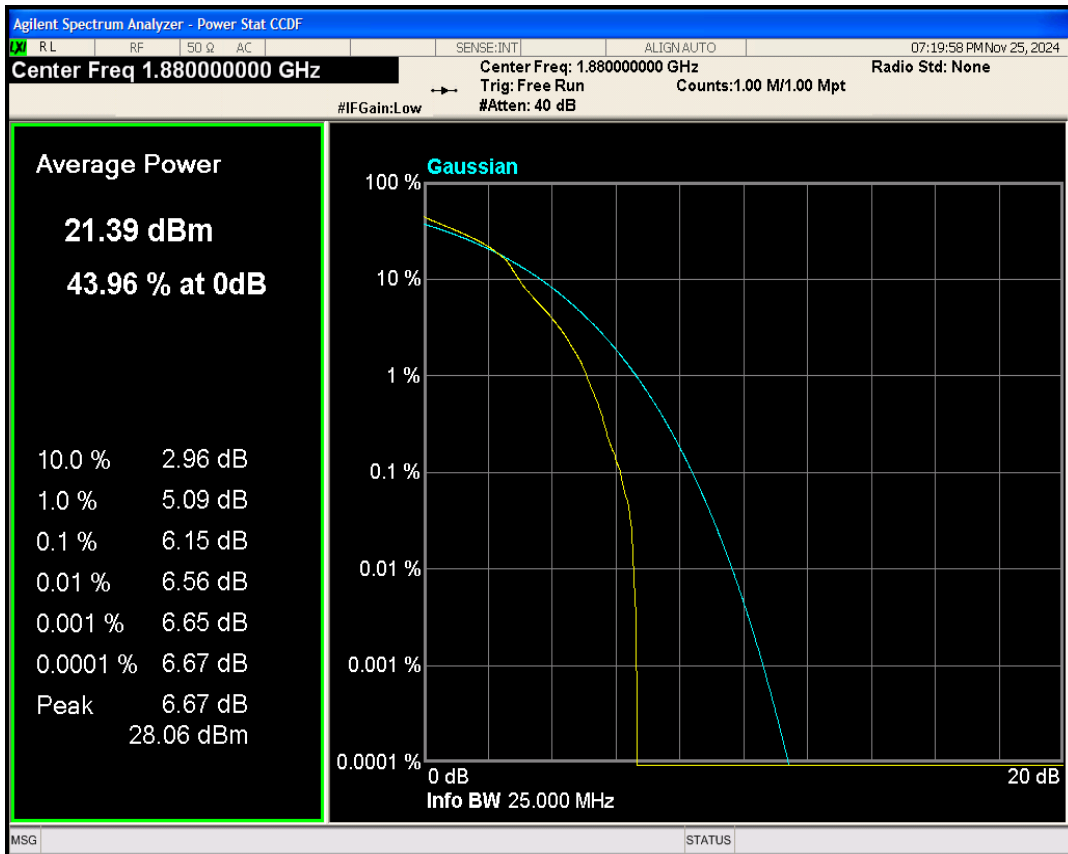
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	6.28	13	PASS
Band2	1.4	18607	1	#0	16QAM	7.22	13	PASS
Band2	1.4	18900	1	#0	QPSK	5.29	13	PASS
Band2	1.4	18900	1	#0	16QAM	6.38	13	PASS
Band2	1.4	19193	1	#0	QPSK	4.88	13	PASS
Band2	1.4	19193	1	#0	16QAM	5.56	13	PASS
Band2	3	18615	1	#0	QPSK	6.24	13	PASS
Band2	3	18615	1	#0	16QAM	7.06	13	PASS
Band2	3	18900	1	#0	QPSK	5.19	13	PASS
Band2	3	18900	1	#0	16QAM	6.15	13	PASS
Band2	3	19185	1	#0	QPSK	4.48	13	PASS
Band2	3	19185	1	#0	16QAM	5.16	13	PASS
Band2	5	18625	1	#0	QPSK	6.41	13	PASS
Band2	5	18625	1	#0	16QAM	6.83	13	PASS
Band2	5	18900	1	#0	QPSK	4.91	13	PASS
Band2	5	18900	1	#0	16QAM	5.48	13	PASS
Band2	5	19175	1	#0	QPSK	4.30	13	PASS
Band2	5	19175	1	#0	16QAM	4.98	13	PASS
Band2	10	18650	1	#0	QPSK	6.21	13	PASS
Band2	10	18900	1	#0	QPSK	4.58	13	PASS
Band2	10	19150	1	#0	QPSK	5.42	13	PASS
Band2	15	18675	1	#0	QPSK	5.94	13	PASS
Band2	15	18900	1	#0	QPSK	4.03	13	PASS
Band2	15	19125	1	#0	QPSK	5.63	13	PASS
Band2	20	18700	1	#0	QPSK	5.75	13	PASS
Band2	20	18900	1	#0	QPSK	4.41	13	PASS
Band2	20	19100	1	#0	QPSK	5.00	13	PASS

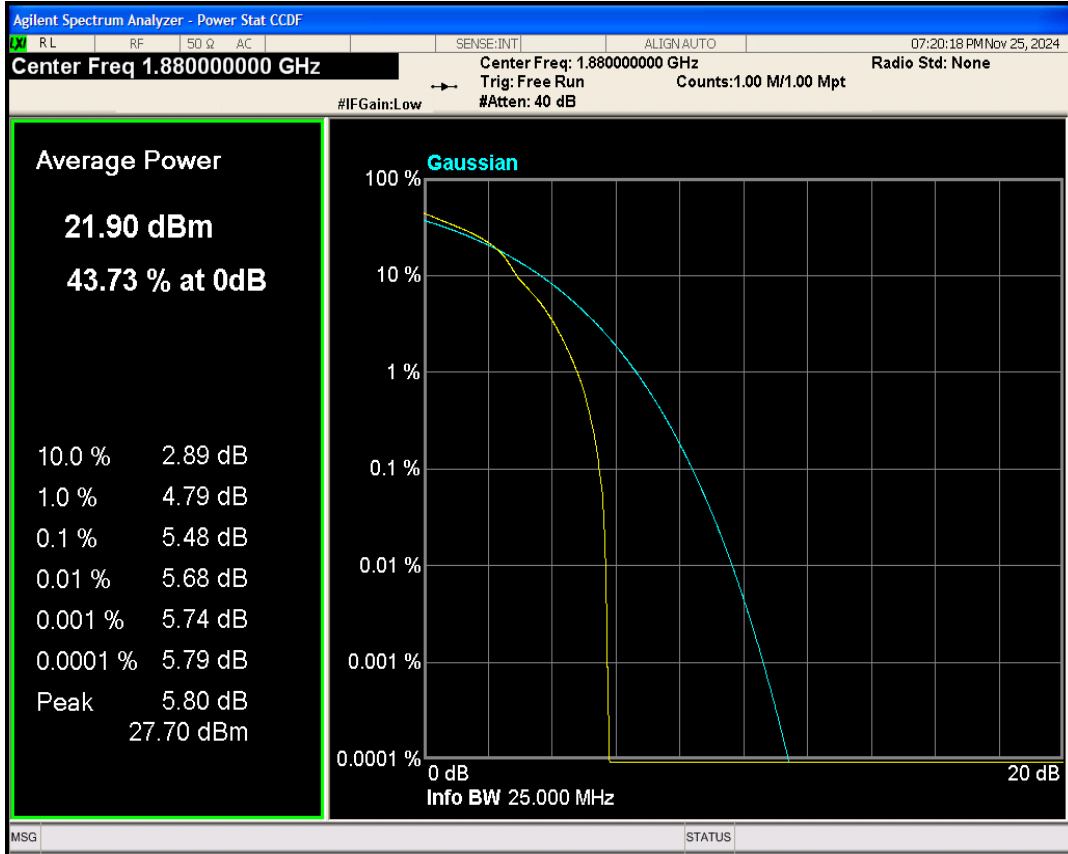
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



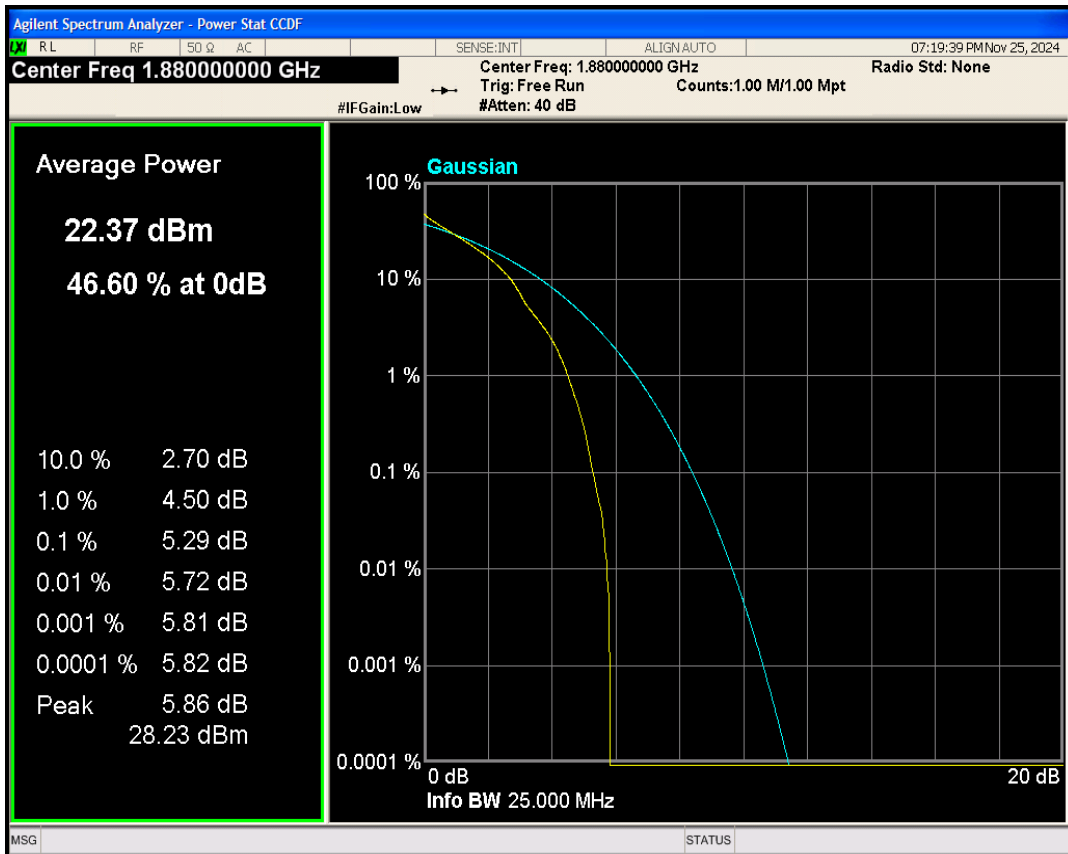
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



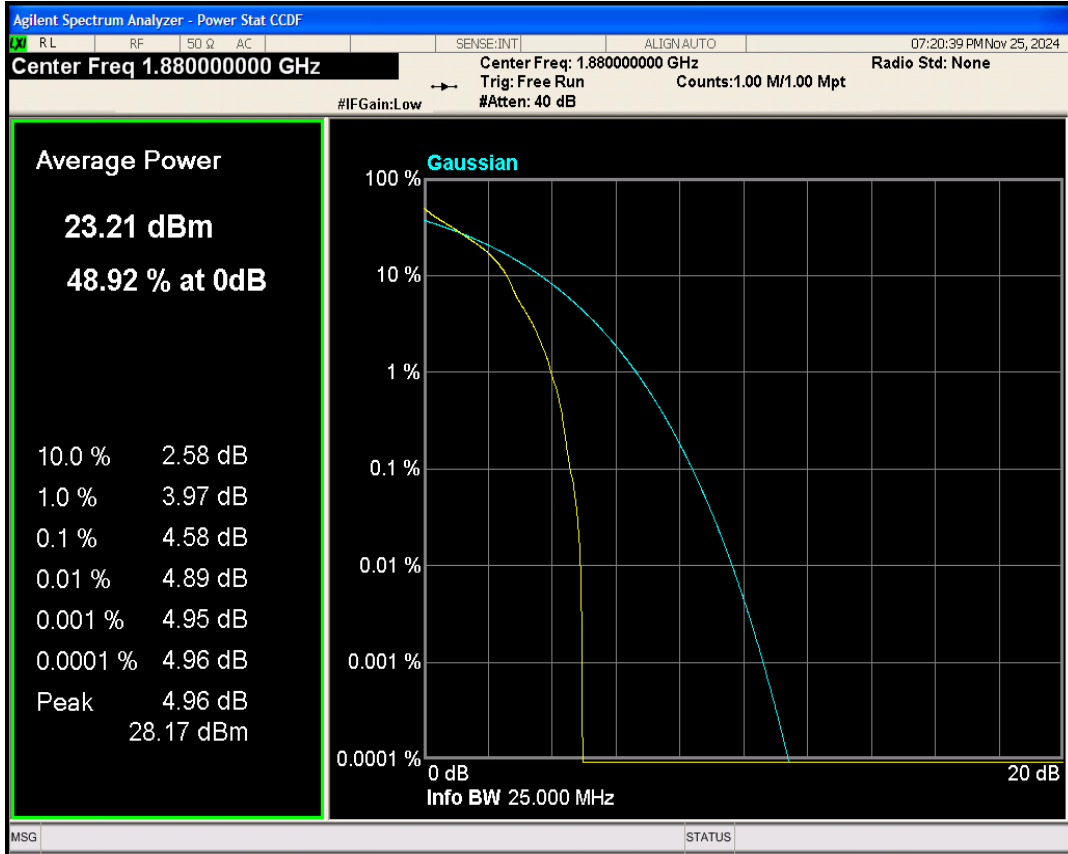
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



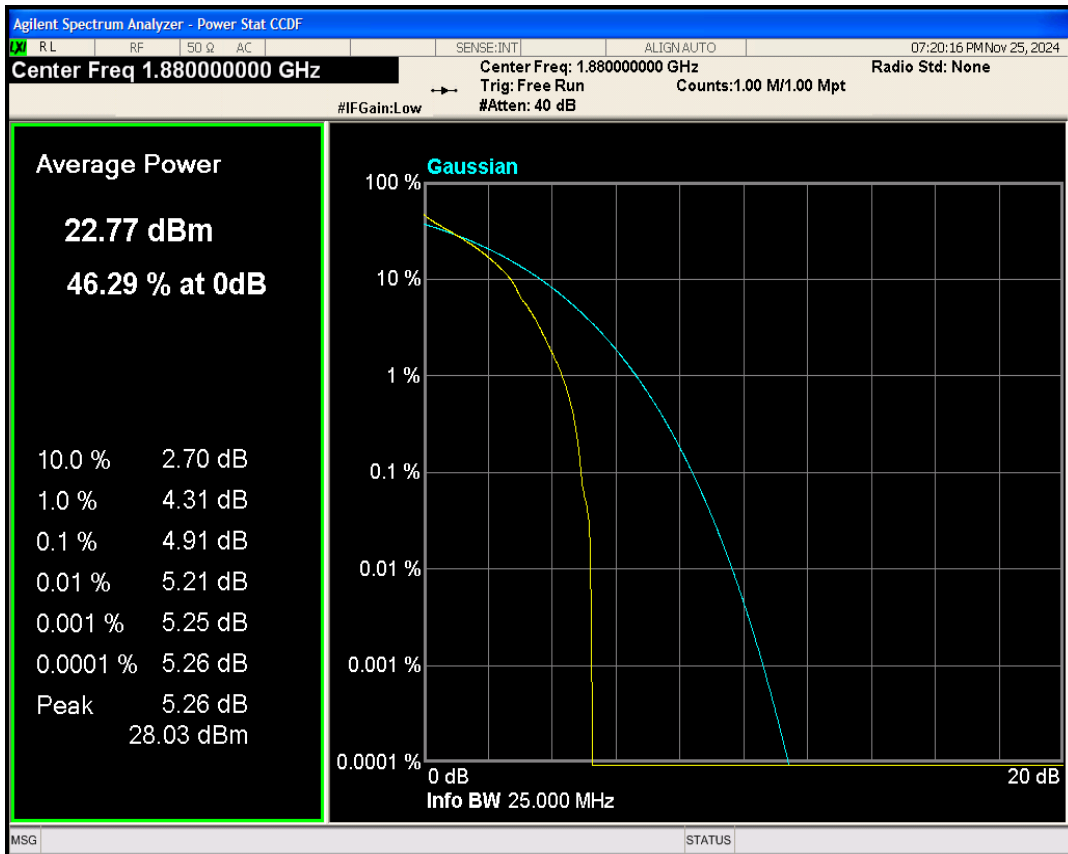
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



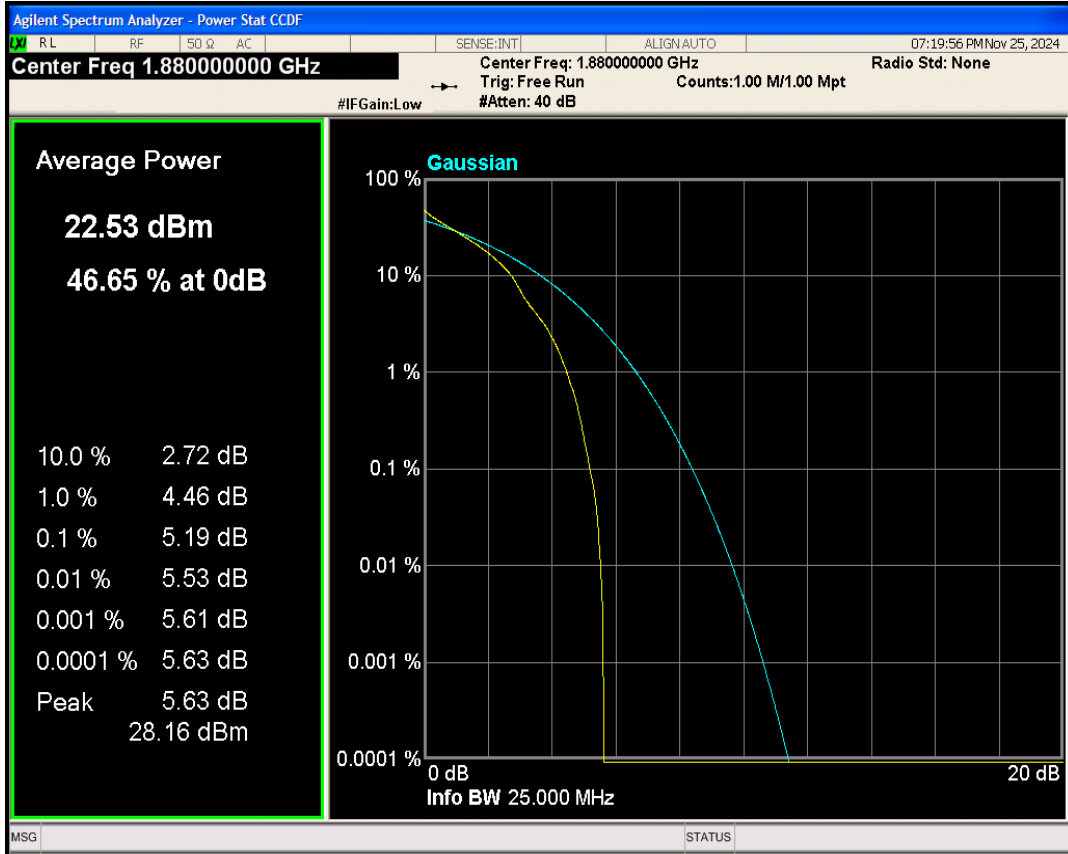
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



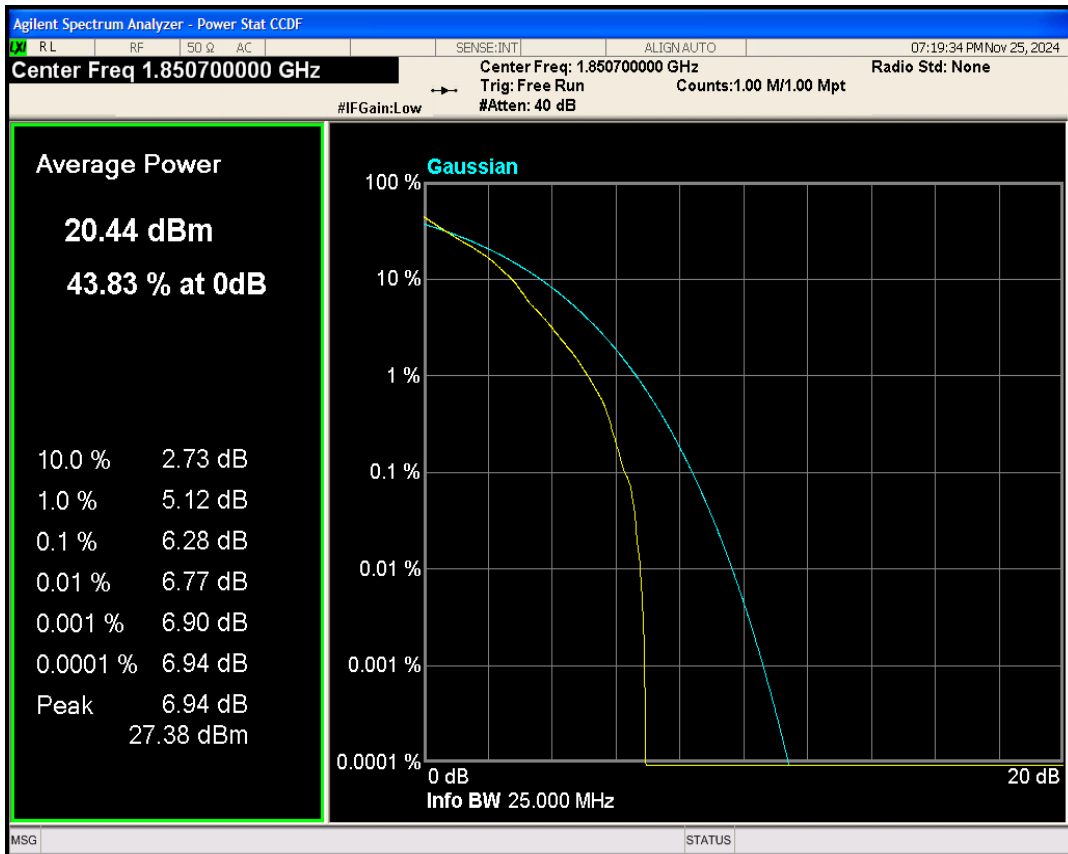
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



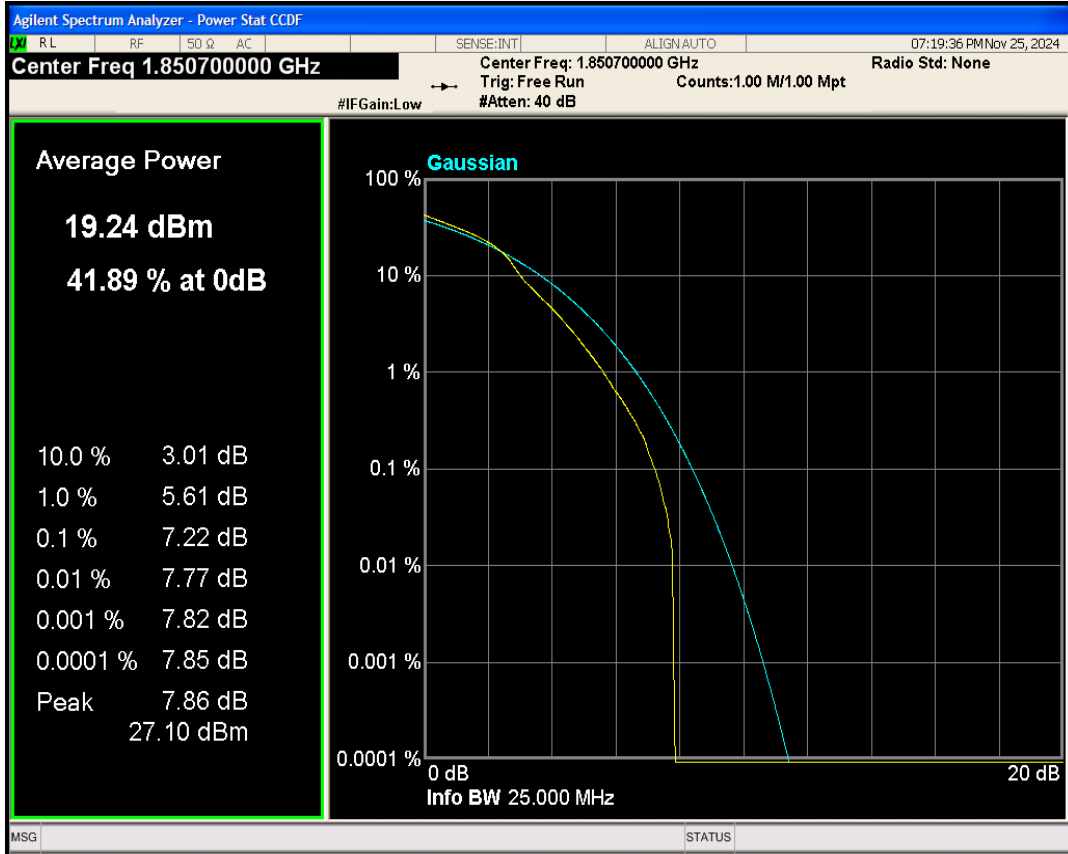
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



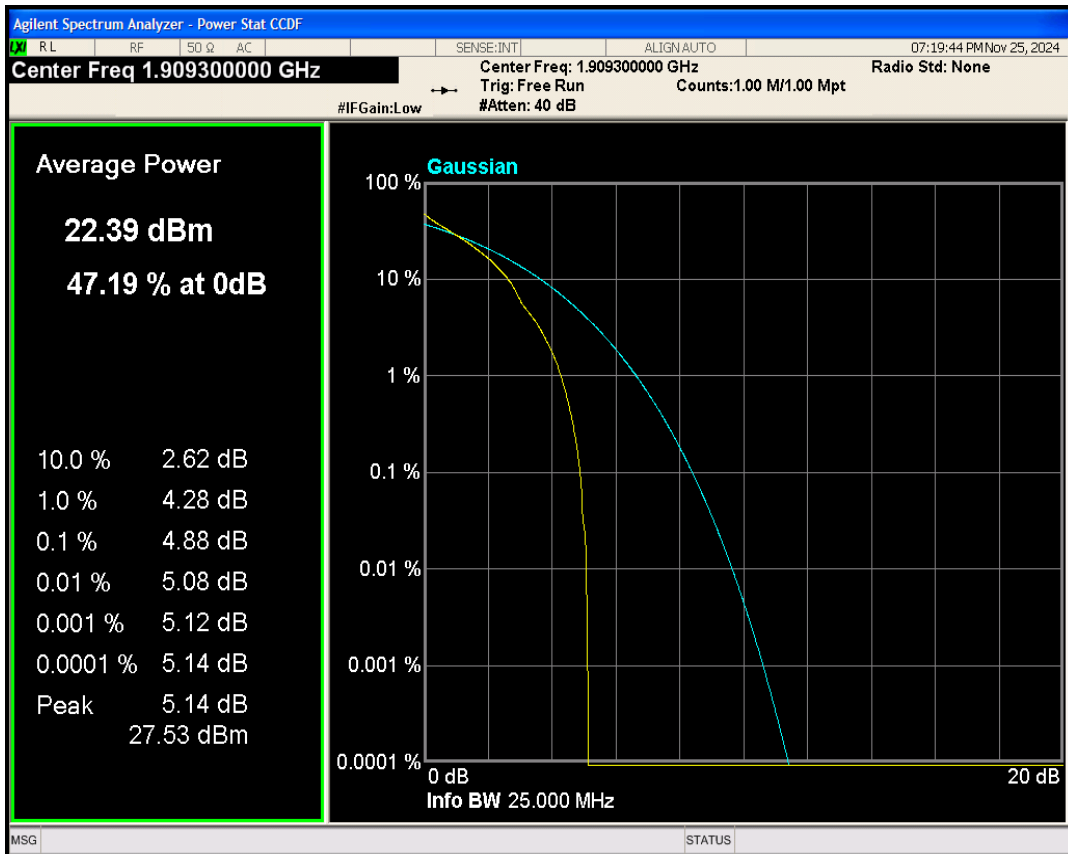
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



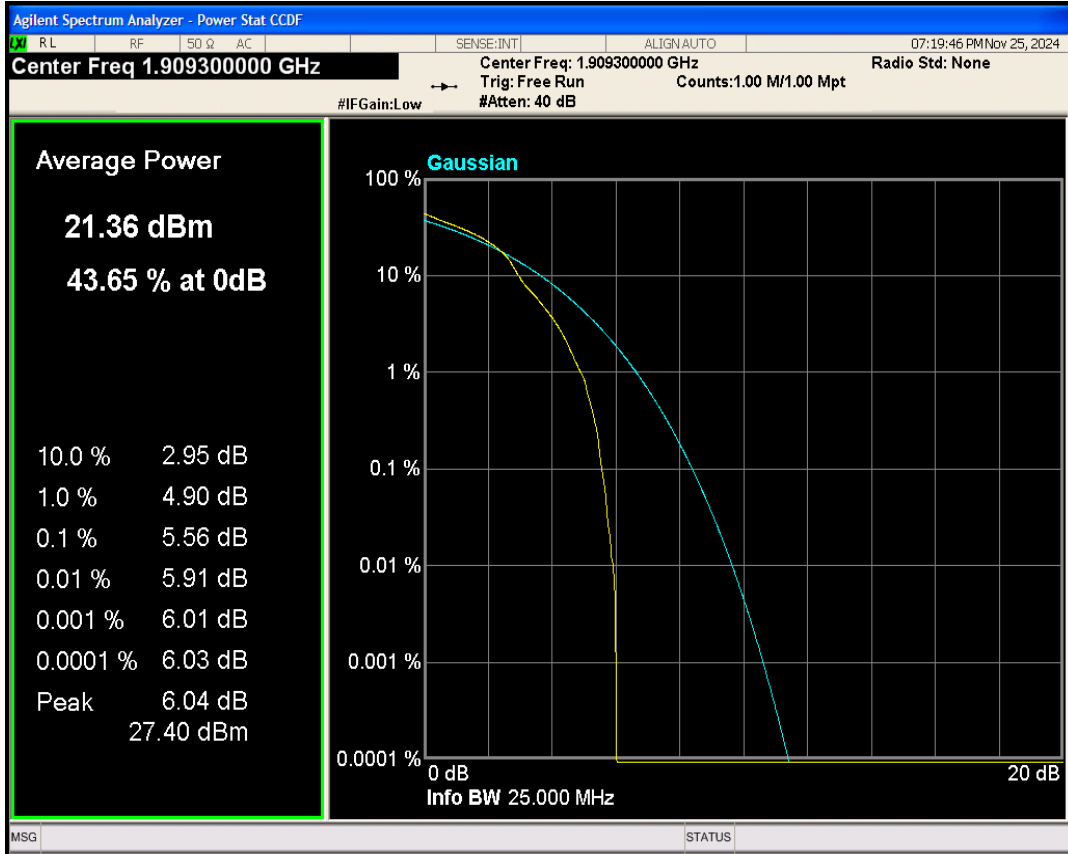
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



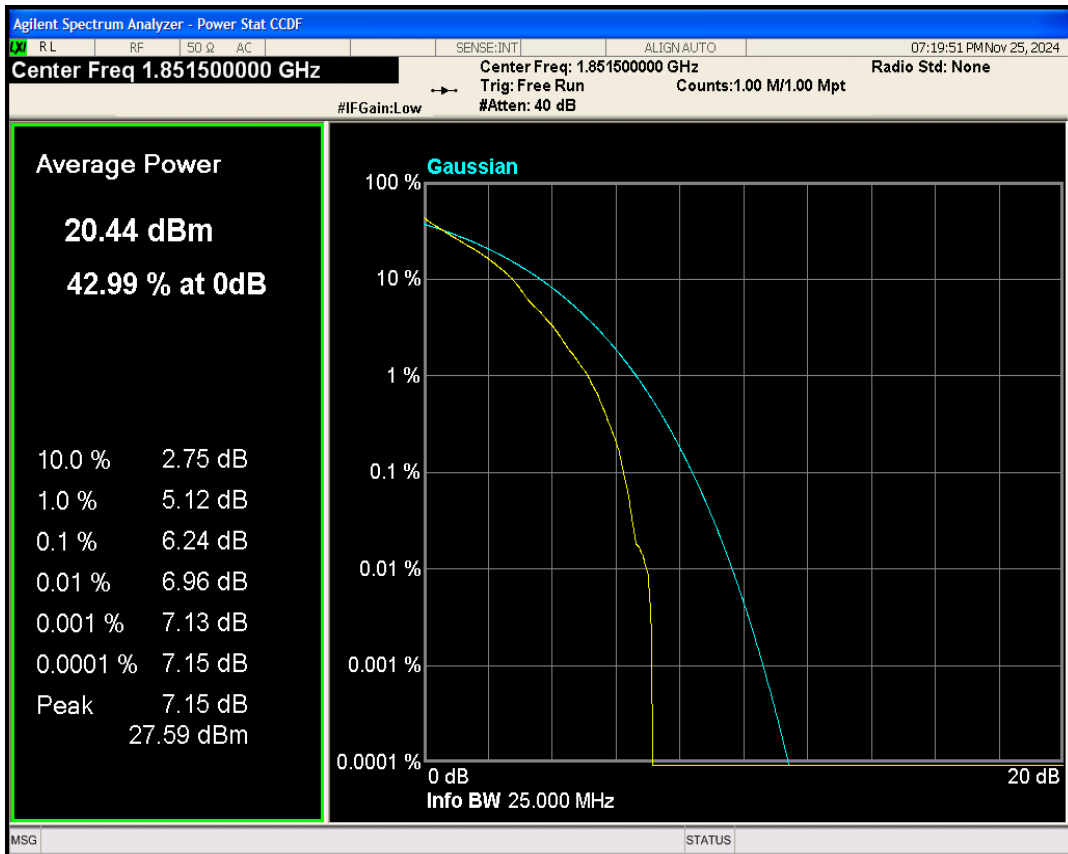
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



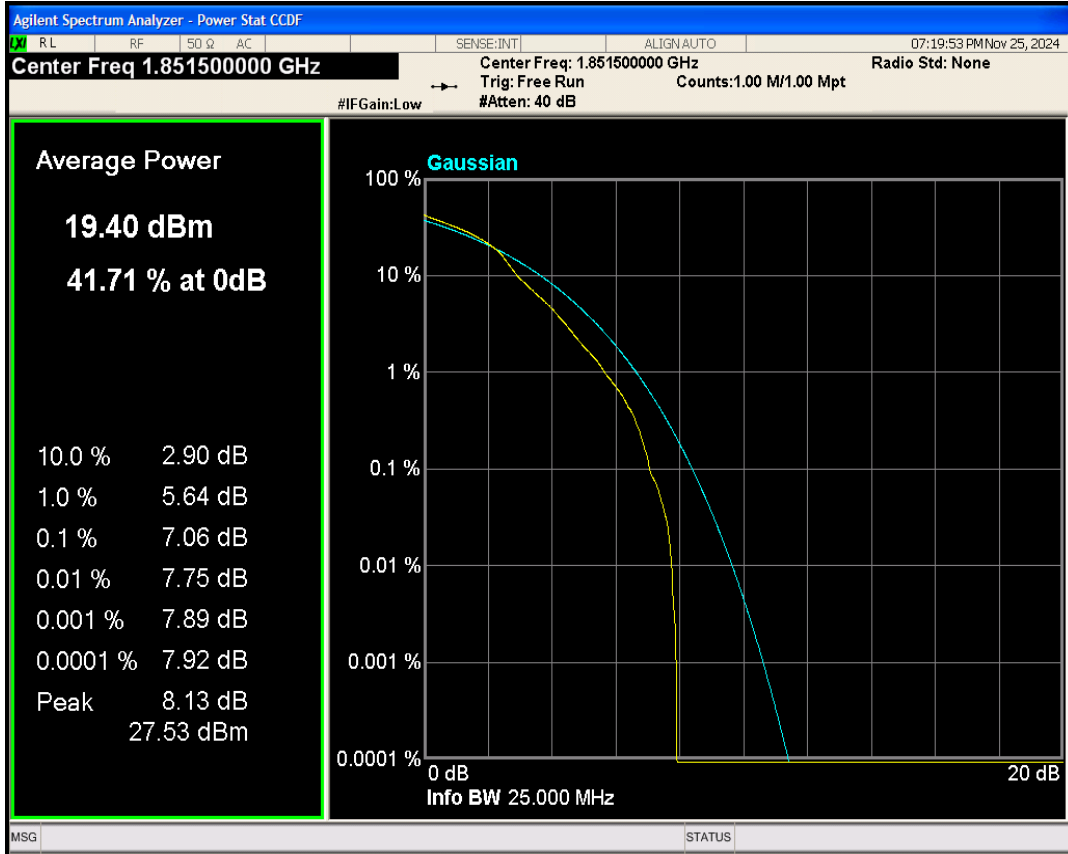
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



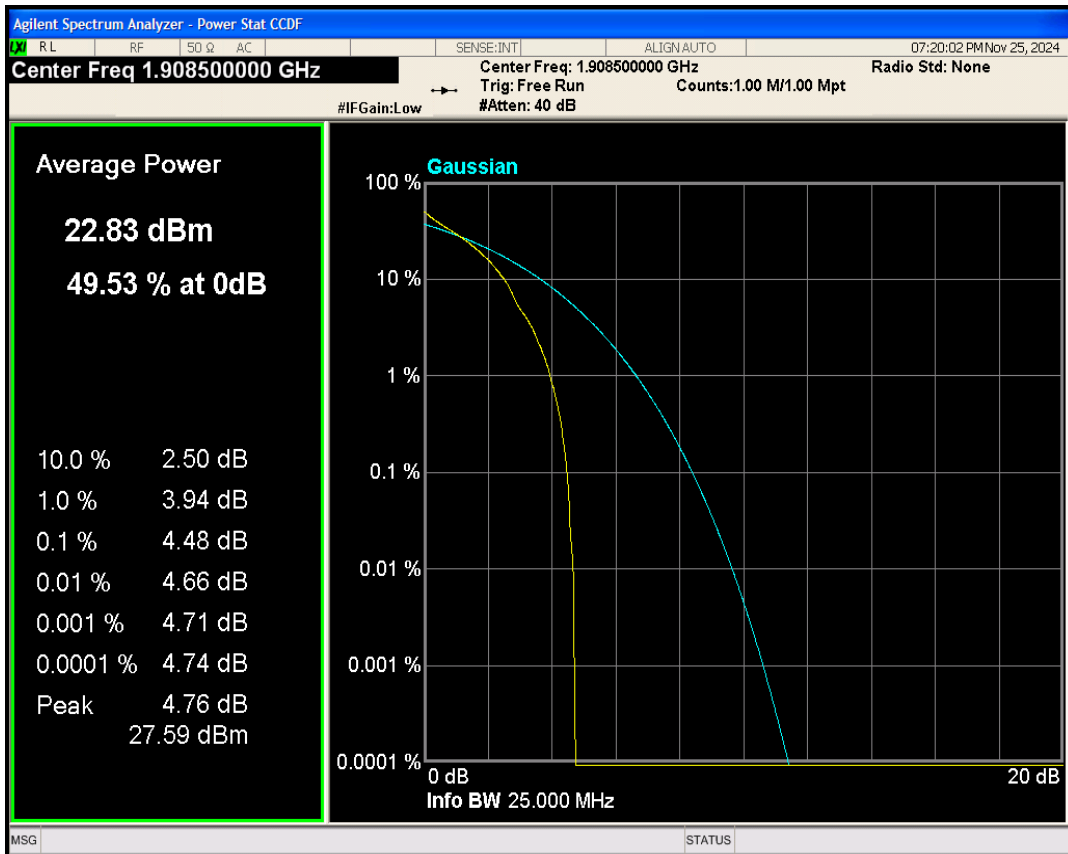
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



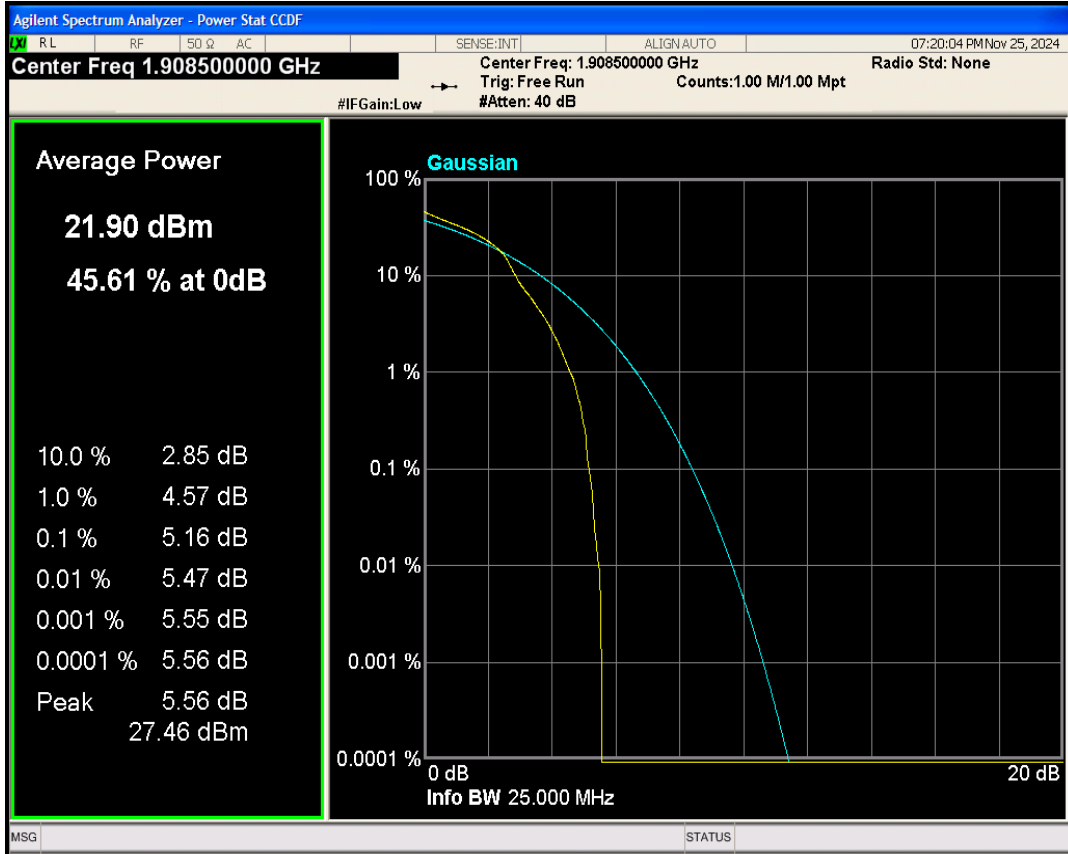
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



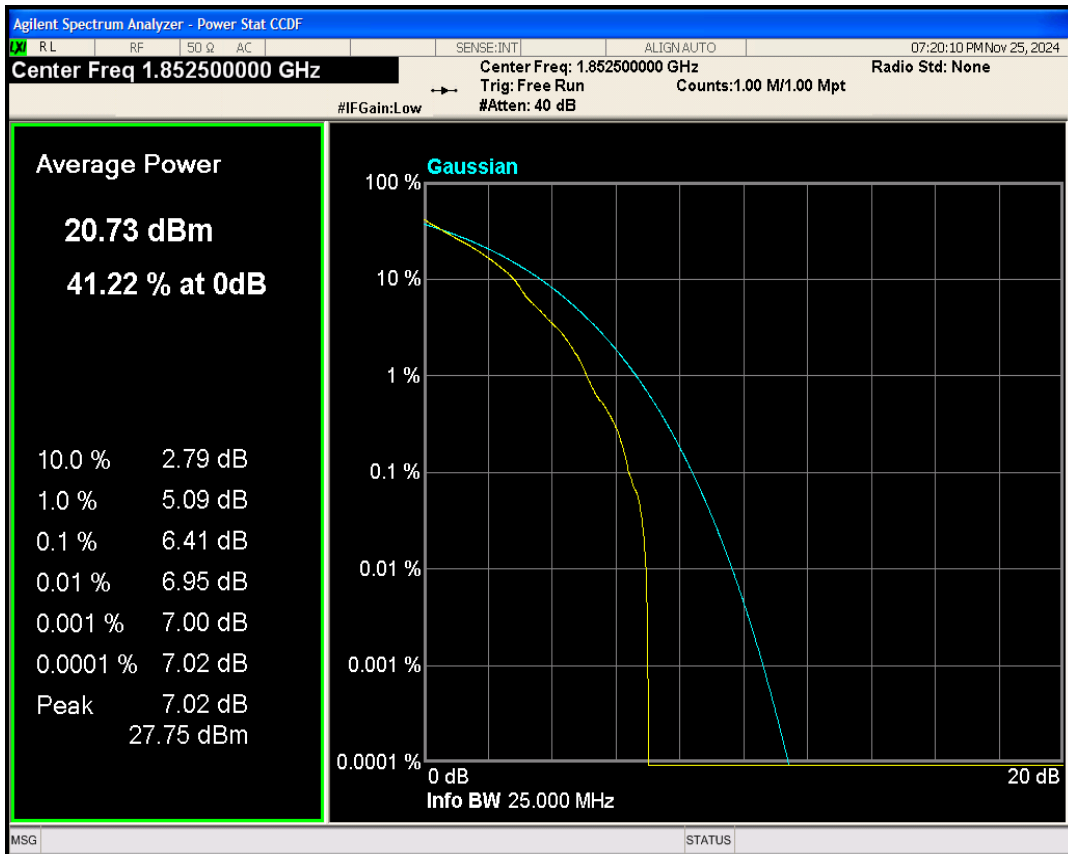
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



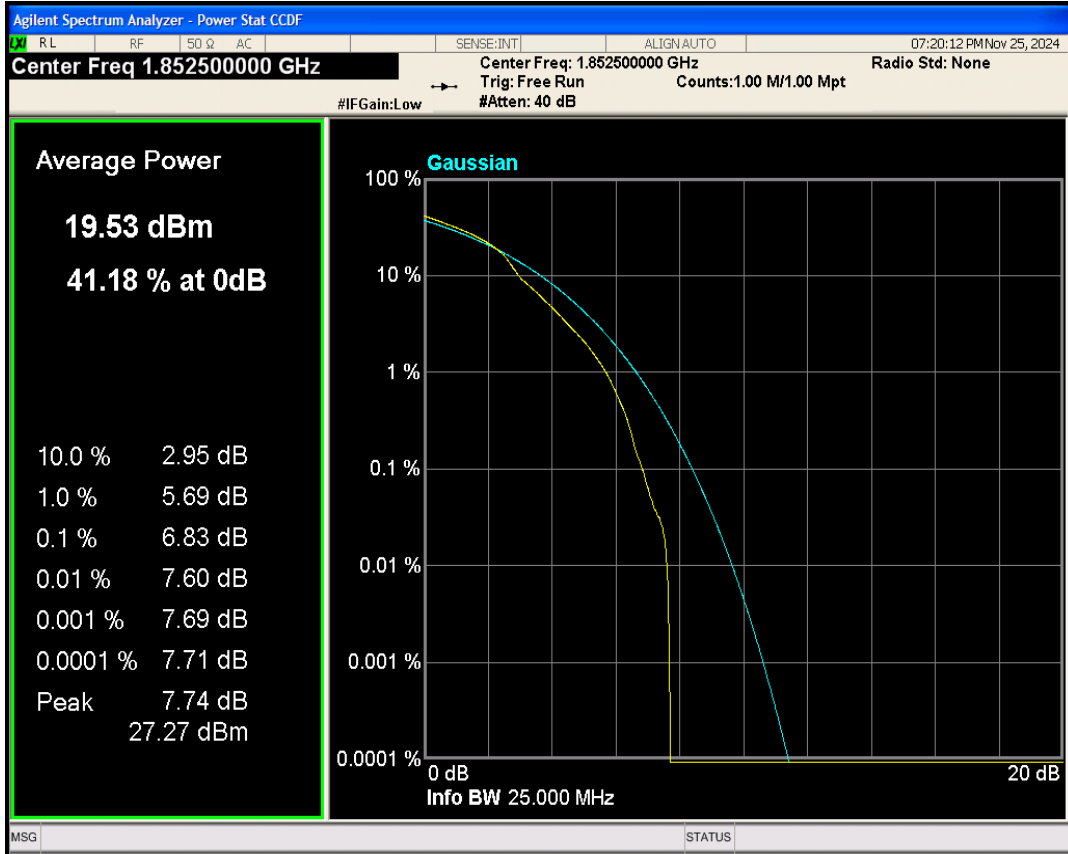
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



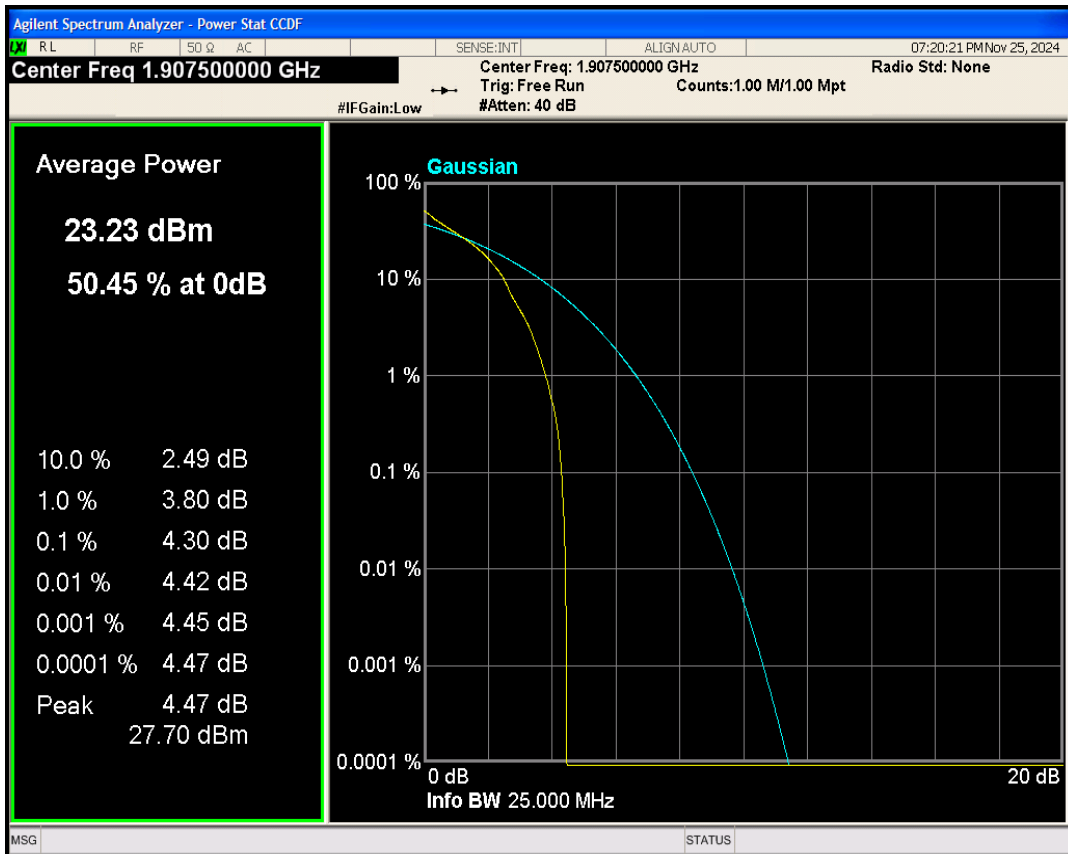
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



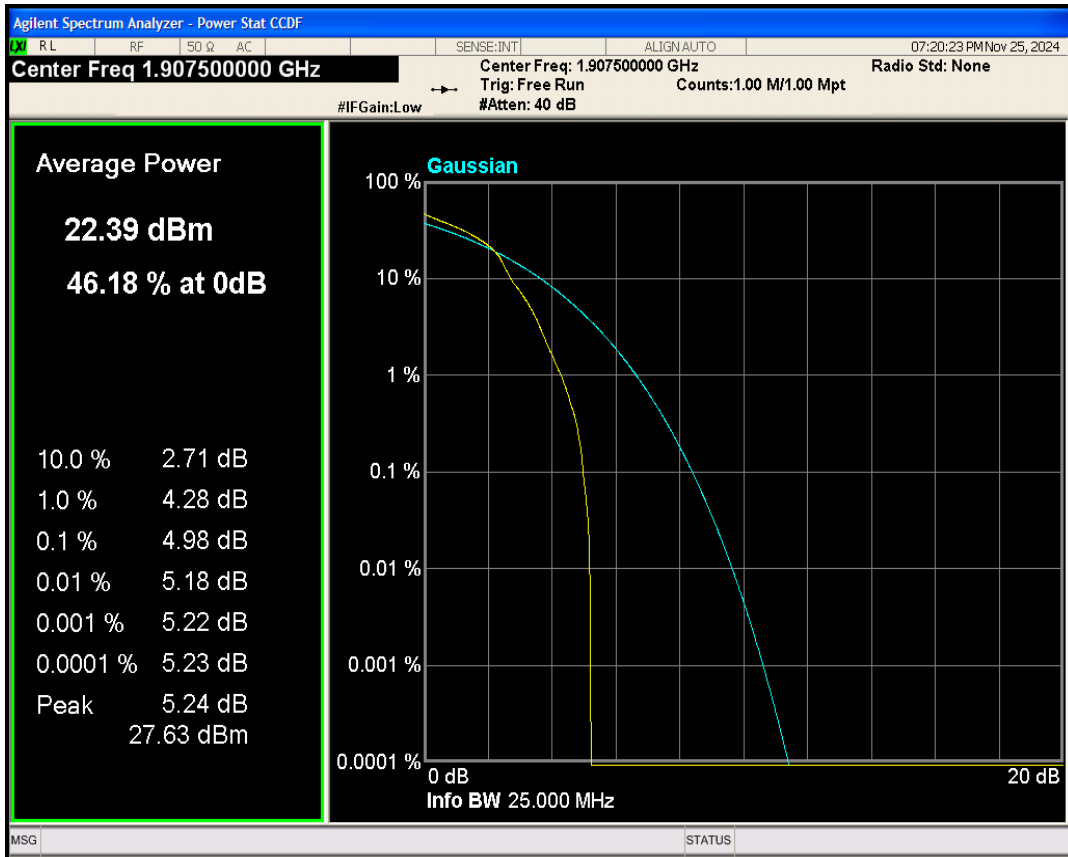
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



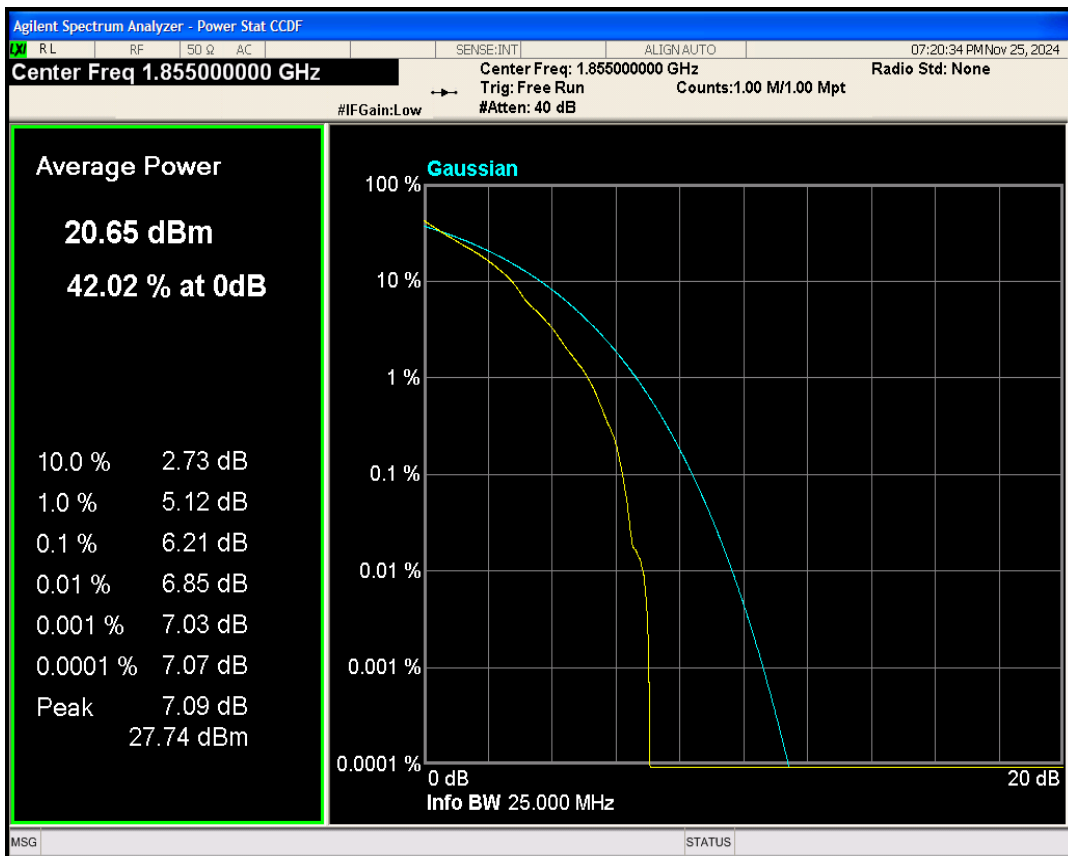
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



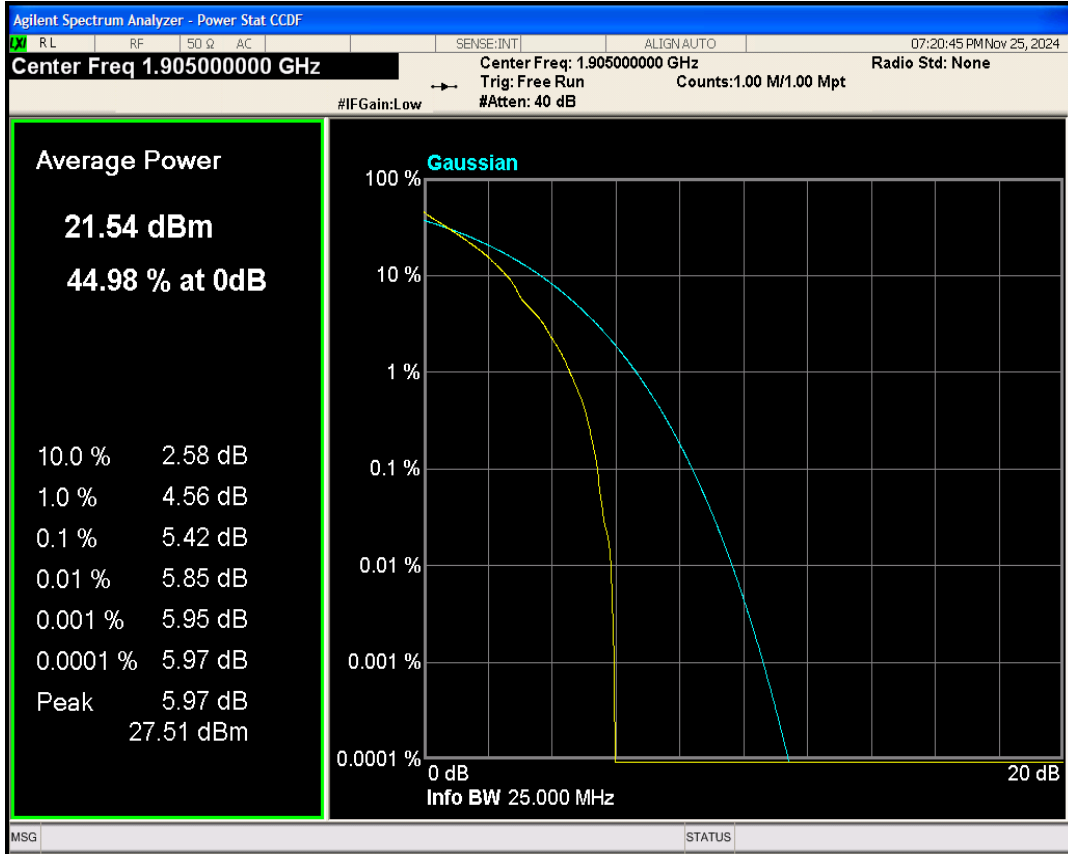
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



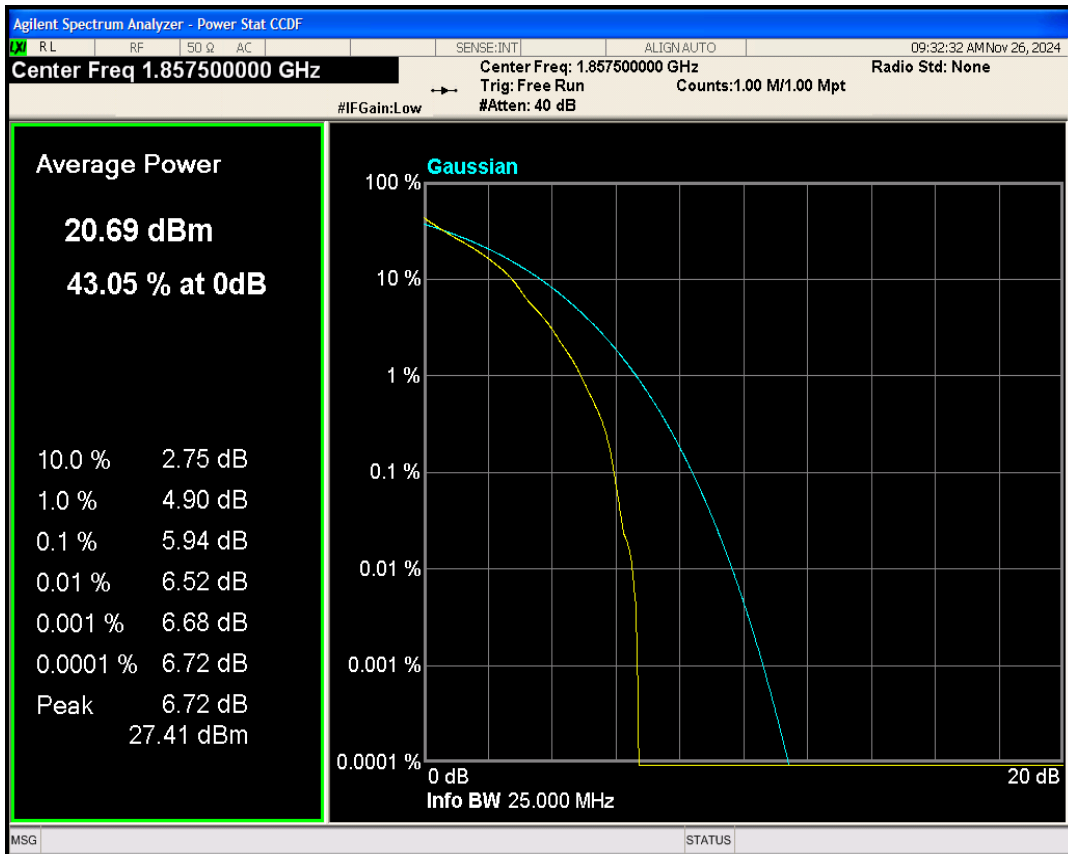
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



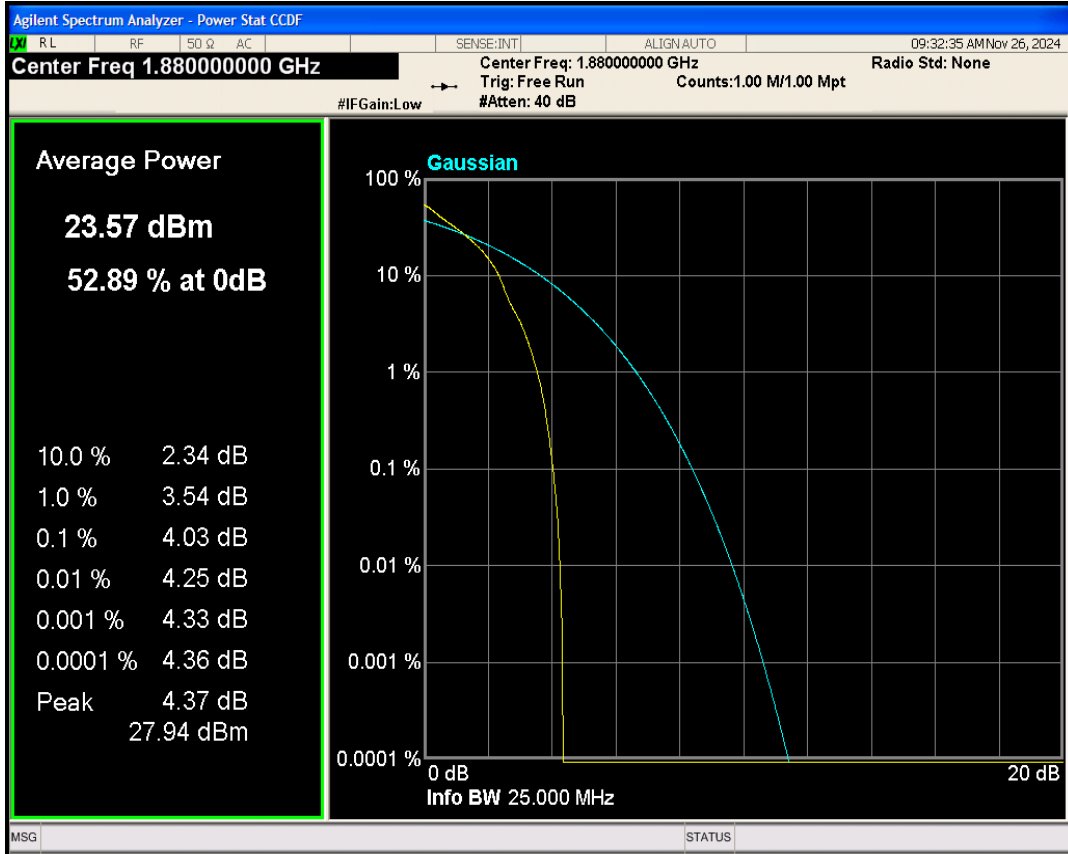
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



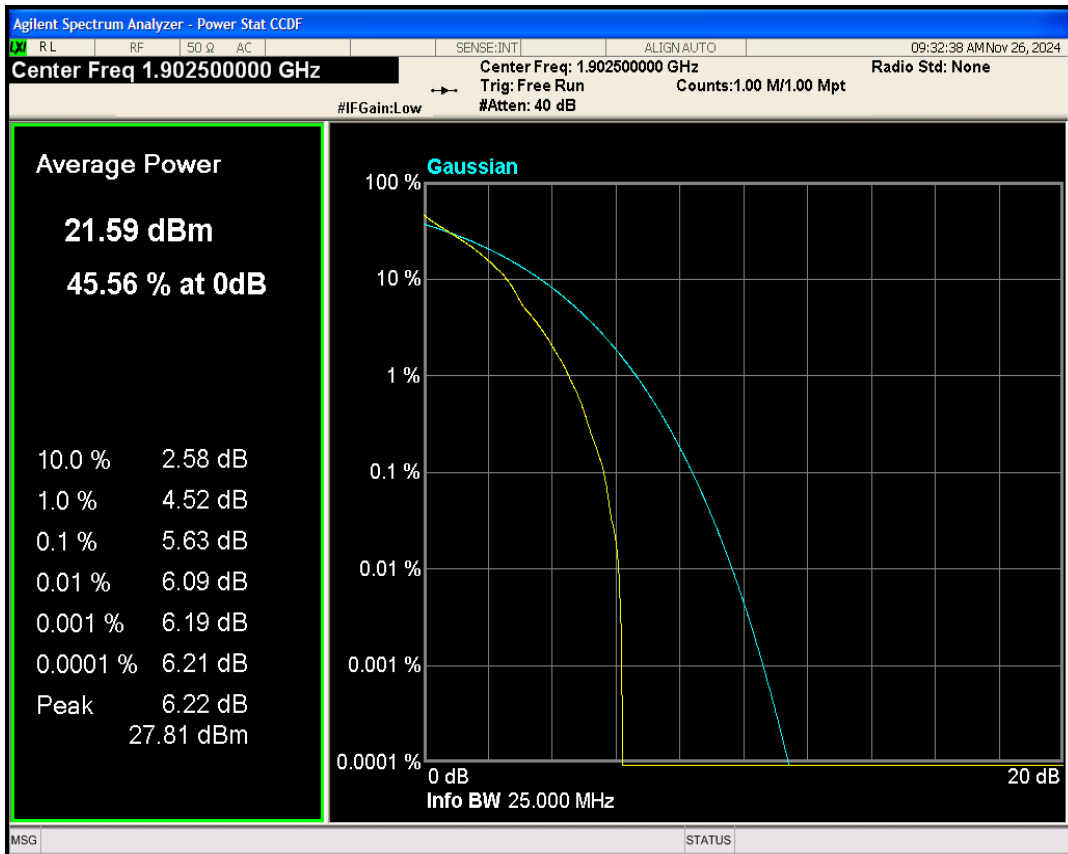
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



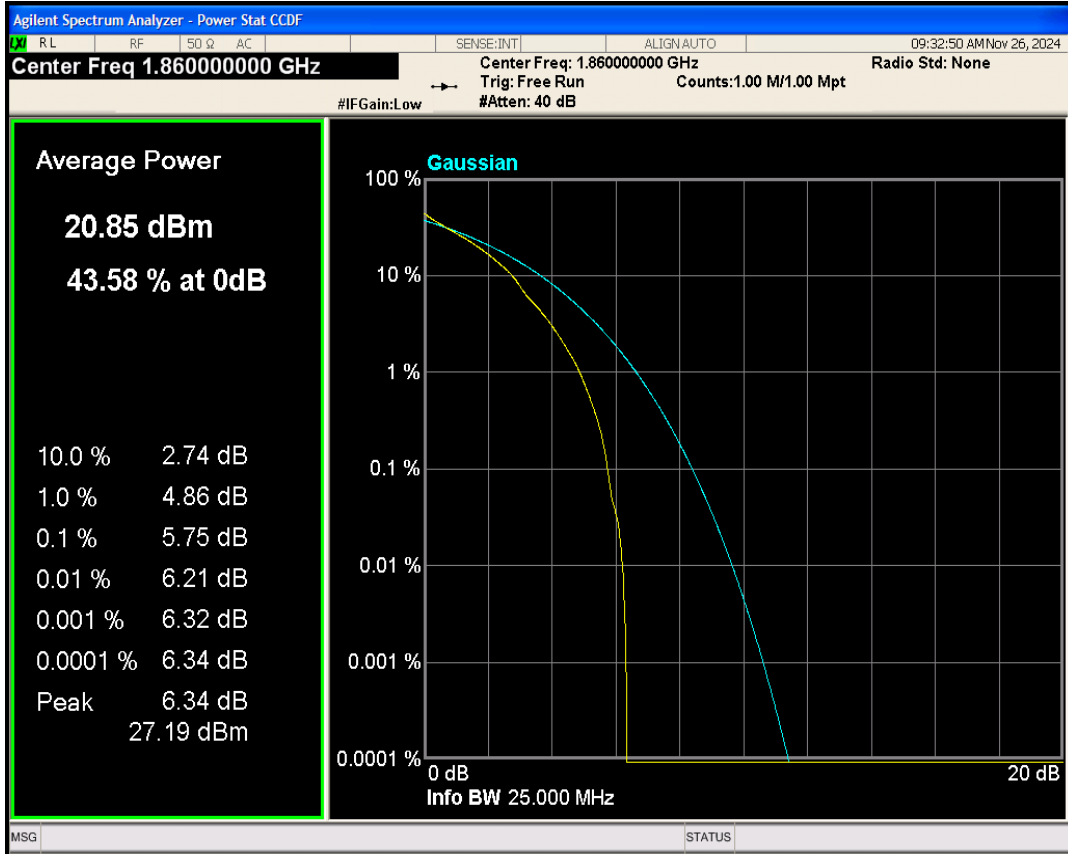
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



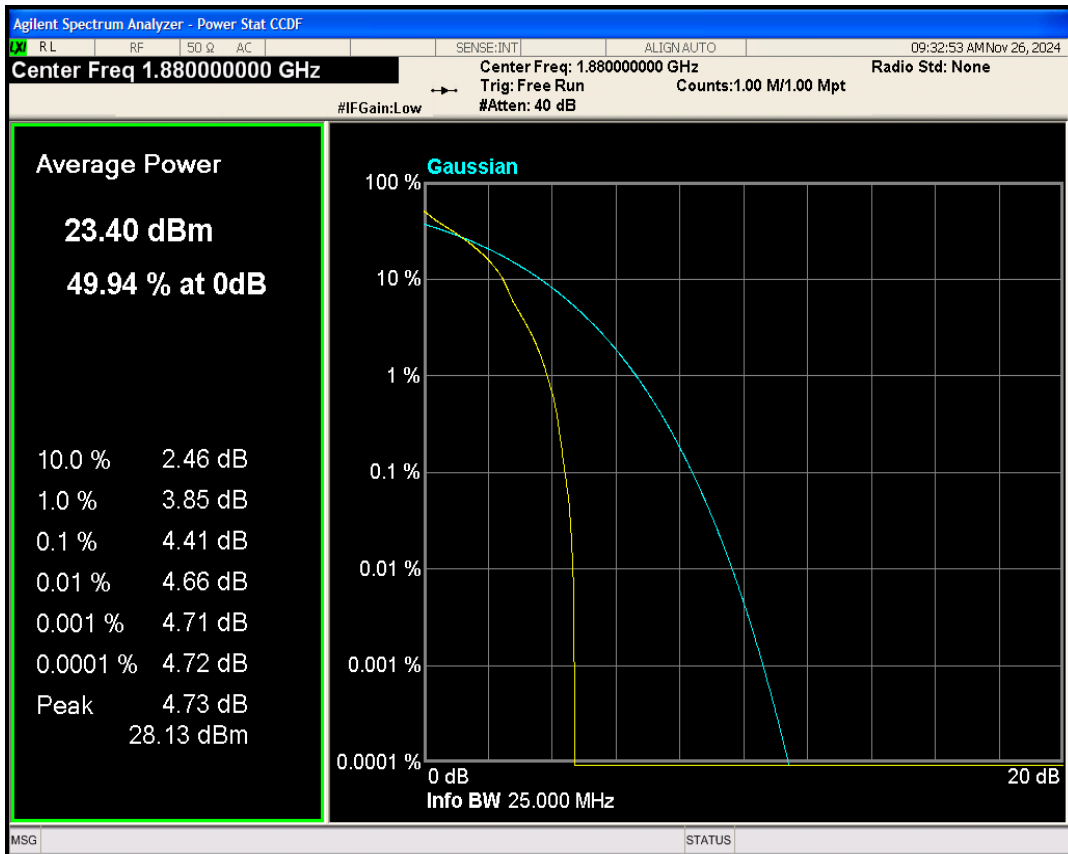
Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



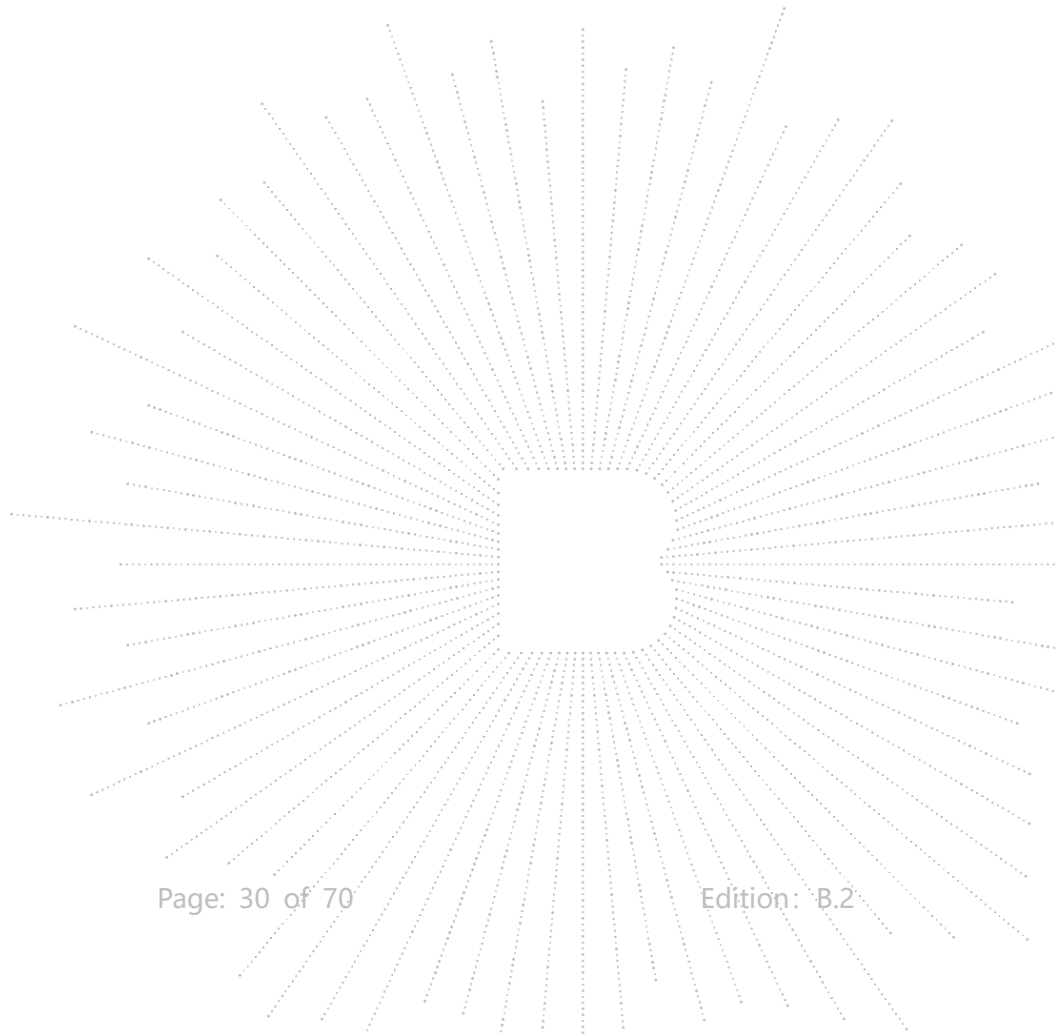
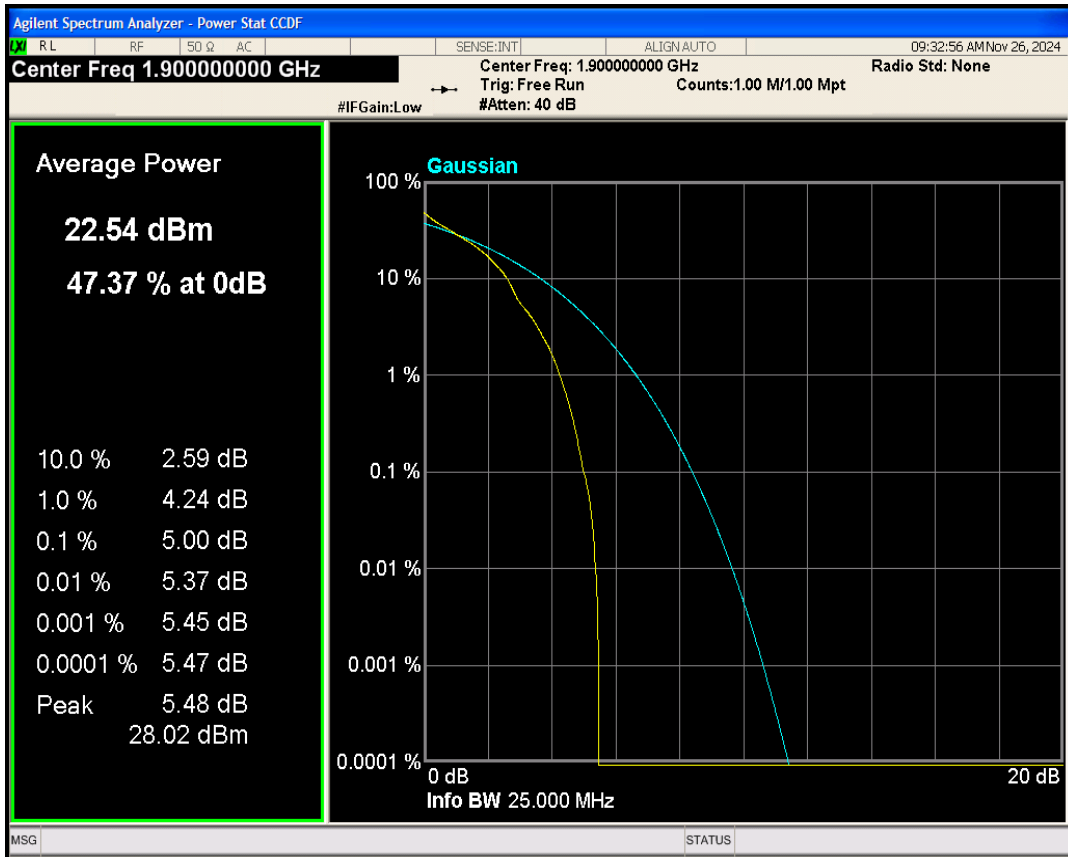
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



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



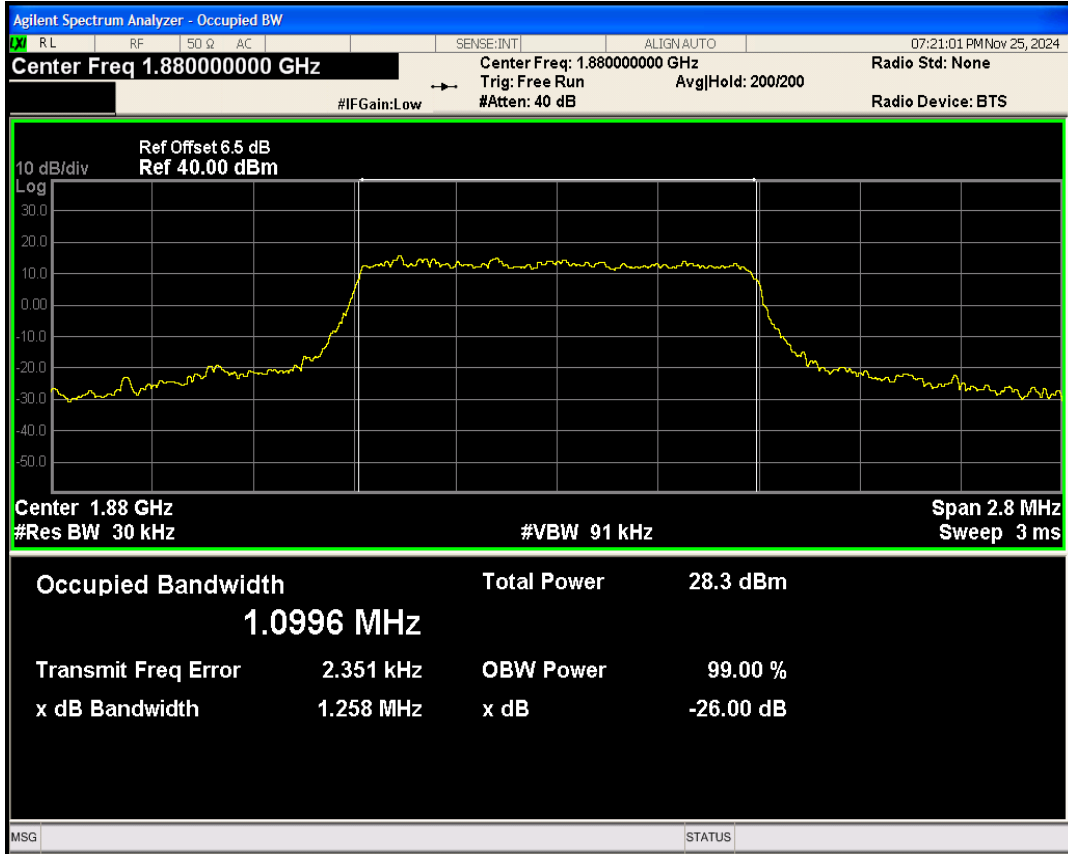
Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



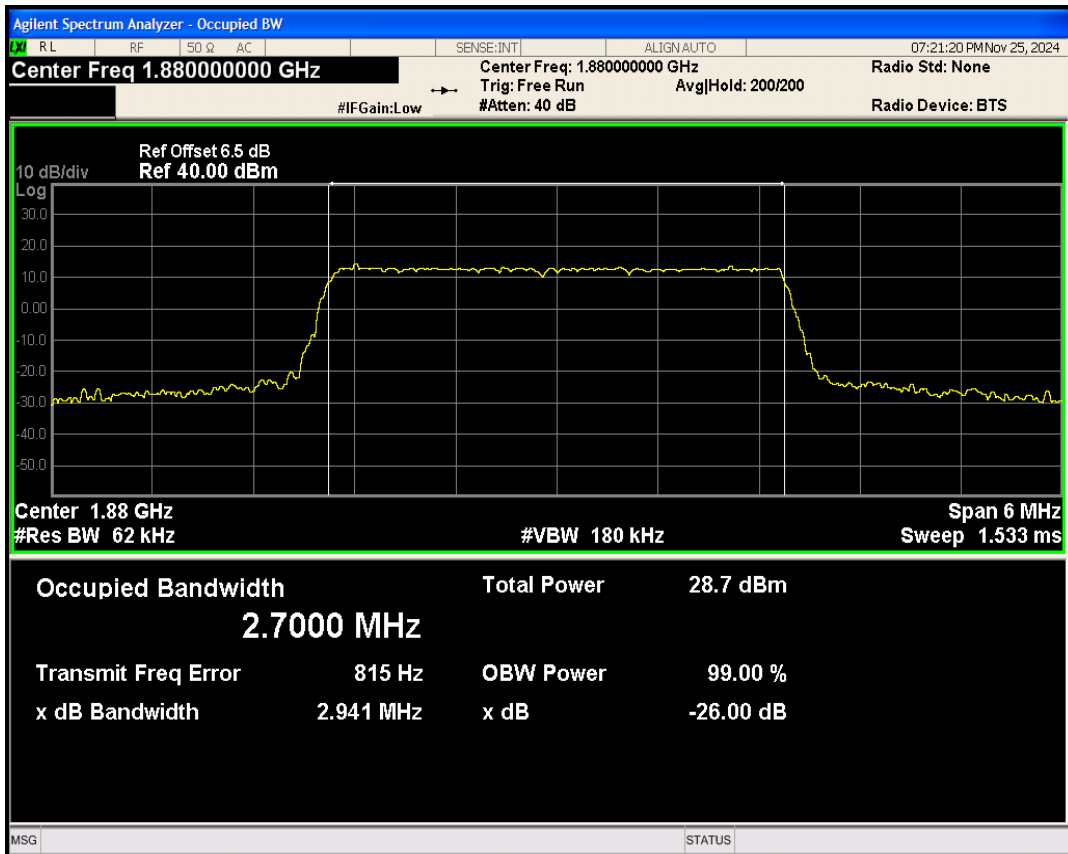
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.096	1.274	PASS
Band2	1.4	18607	6	#0	16QAM	1.093	1.275	PASS
Band2	1.4	18900	6	#0	QPSK	1.099	1.300	PASS
Band2	1.4	18900	6	#0	16QAM	1.100	1.258	PASS
Band2	1.4	19193	6	#0	QPSK	1.103	1.281	PASS
Band2	1.4	19193	6	#0	16QAM	1.096	1.270	PASS
Band2	3	18615	15	#0	QPSK	2.693	2.900	PASS
Band2	3	18615	15	#0	16QAM	2.692	2.918	PASS
Band2	3	18900	15	#0	QPSK	2.697	2.945	PASS
Band2	3	18900	15	#0	16QAM	2.700	2.941	PASS
Band2	3	19185	15	#0	QPSK	2.708	2.947	PASS
Band2	3	19185	15	#0	16QAM	2.694	2.955	PASS
Band2	5	18625	25	#0	QPSK	4.505	4.994	PASS
Band2	5	18625	25	#0	16QAM	4.508	4.897	PASS
Band2	5	18900	25	#0	QPSK	4.500	4.962	PASS
Band2	5	18900	25	#0	16QAM	4.511	4.883	PASS
Band2	5	19175	25	#0	QPSK	4.499	4.923	PASS
Band2	5	19175	25	#0	16QAM	4.500	4.946	PASS
Band2	10	18650	50	#0	QPSK	8.967	9.682	PASS
Band2	10	18900	50	#0	QPSK	8.952	9.663	PASS
Band2	10	19150	50	#0	QPSK	8.937	9.607	PASS
Band2	15	18675	75	#0	QPSK	13.439	14.320	PASS
Band2	15	18900	75	#0	QPSK	13.470	14.398	PASS
Band2	15	19125	75	#0	QPSK	13.452	14.430	PASS
Band2	20	18700	100	#0	QPSK	17.901	19.007	PASS
Band2	20	18900	100	#0	QPSK	17.929	19.188	PASS
Band2	20	19100	100	#0	QPSK	17.952	19.135	PASS

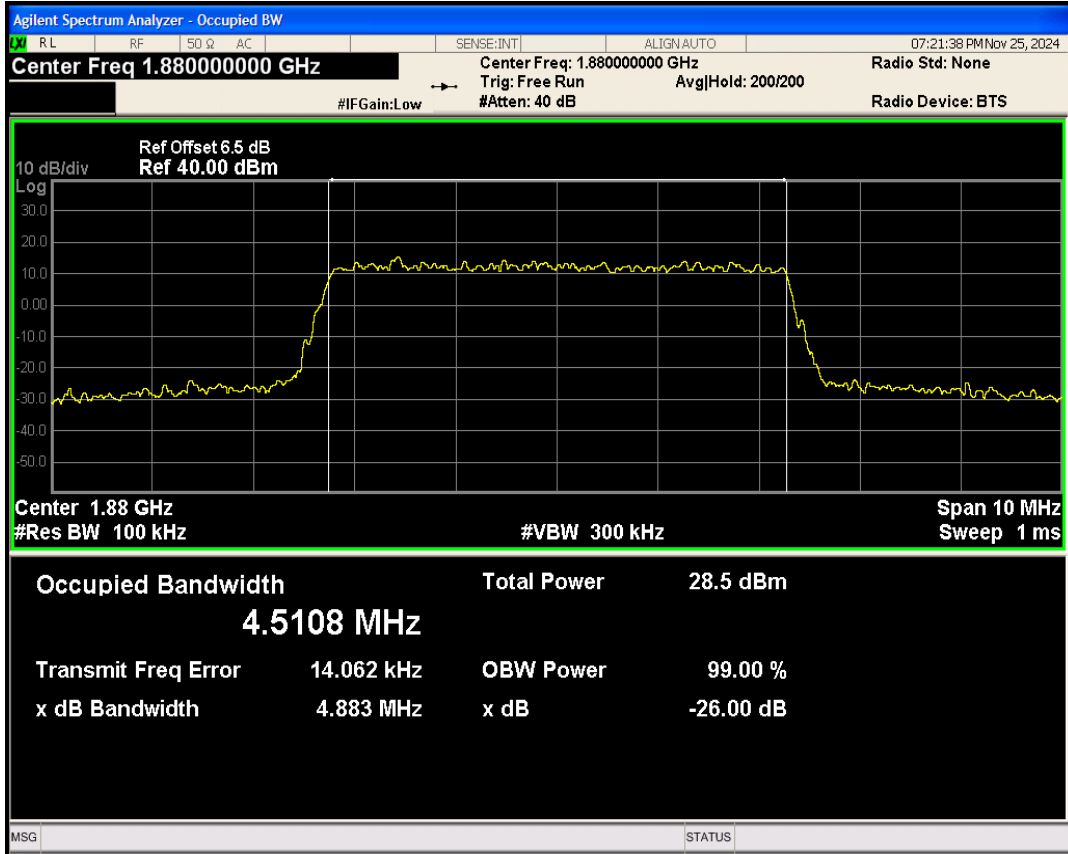
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



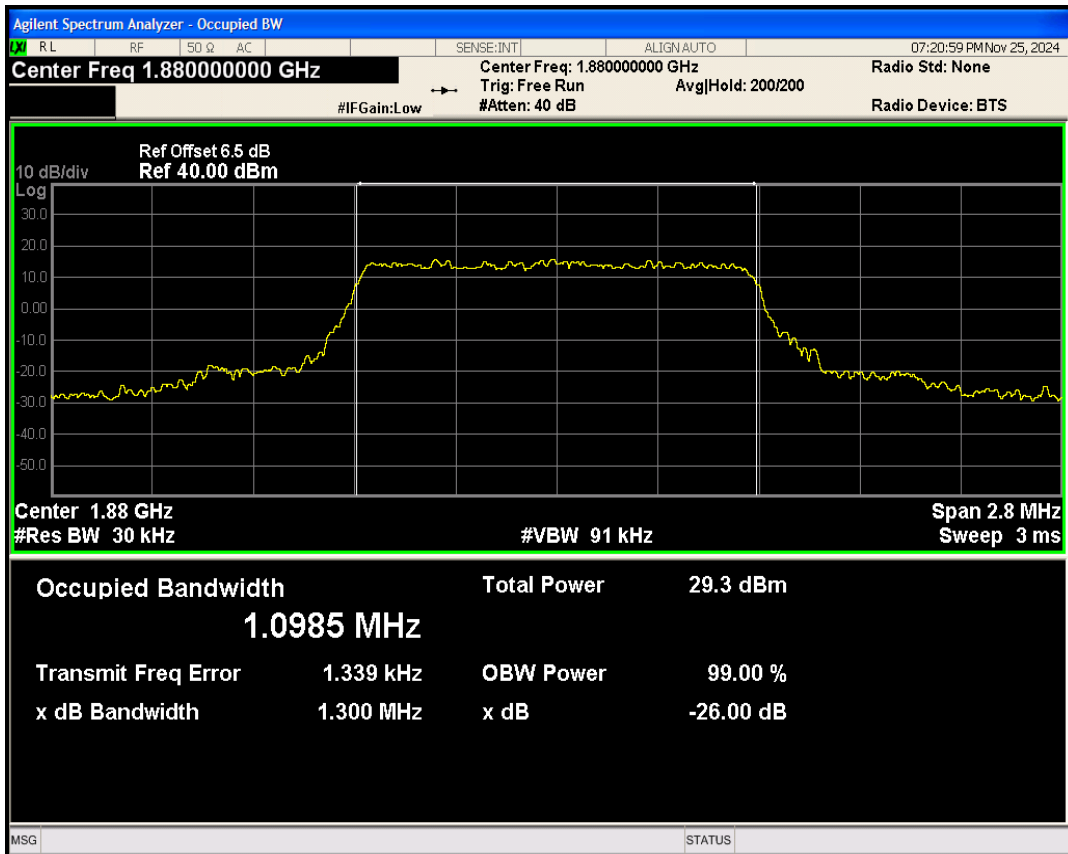
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



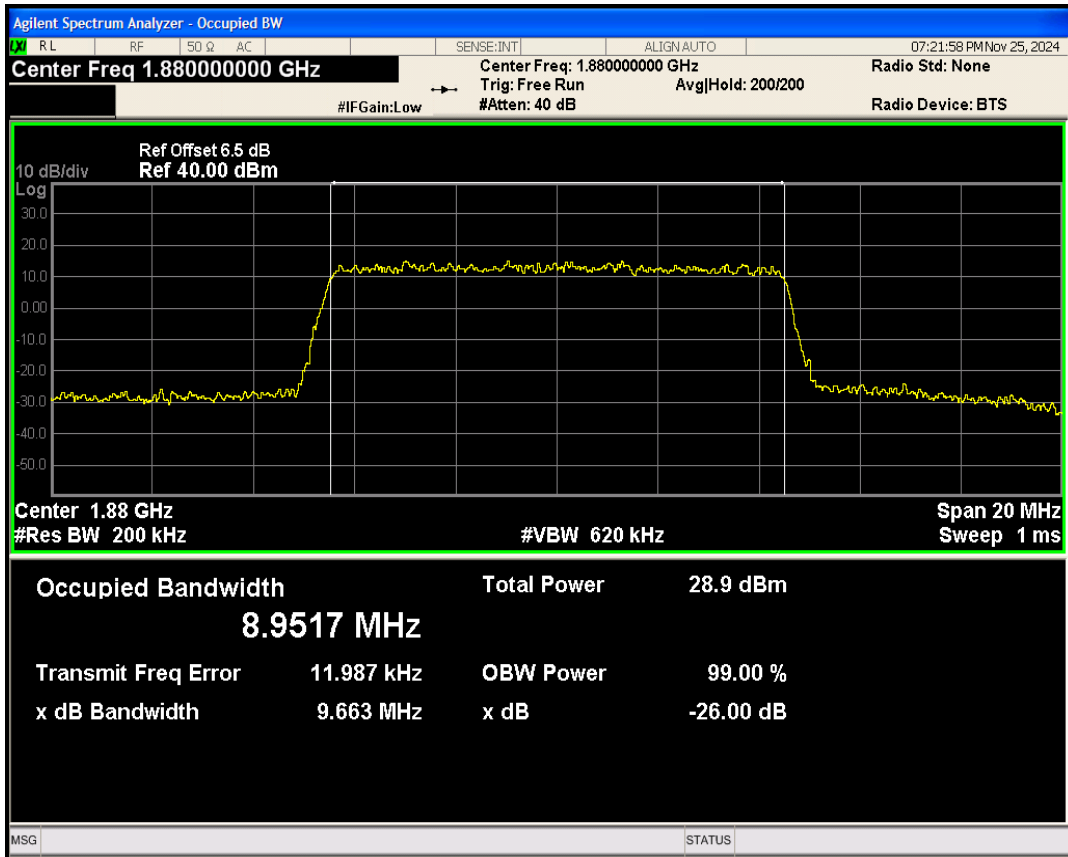
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



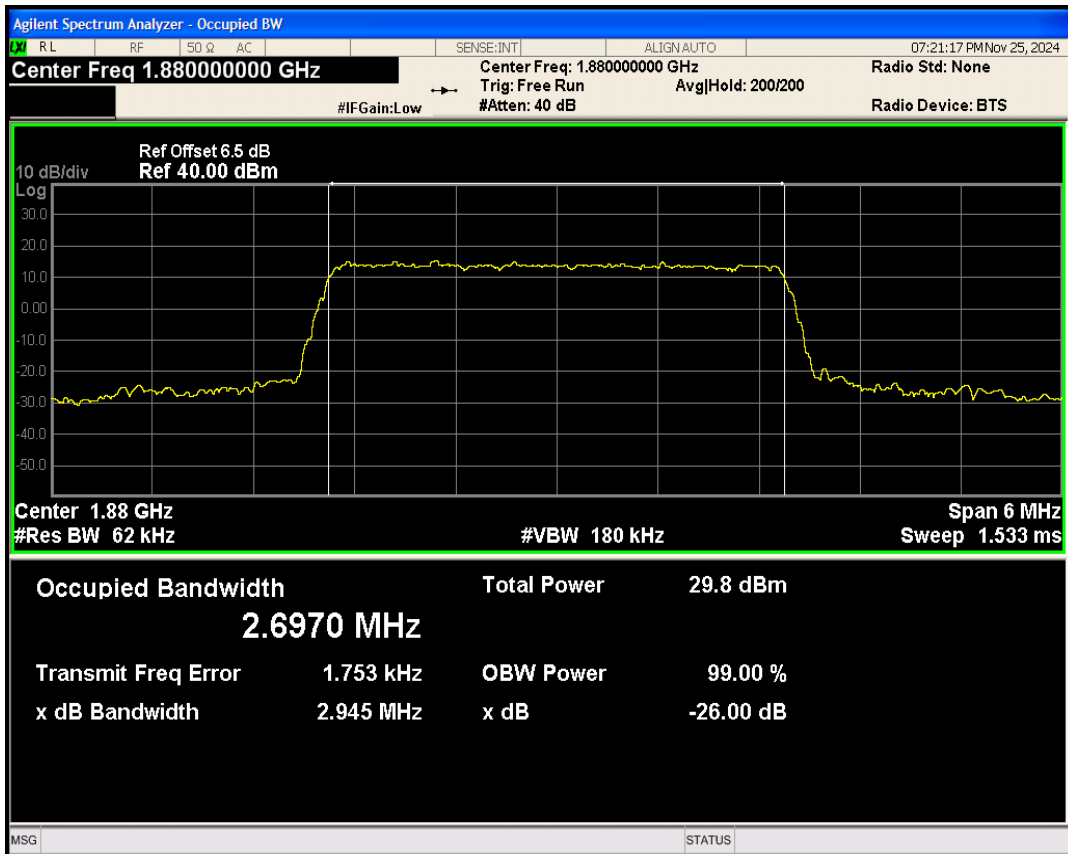
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



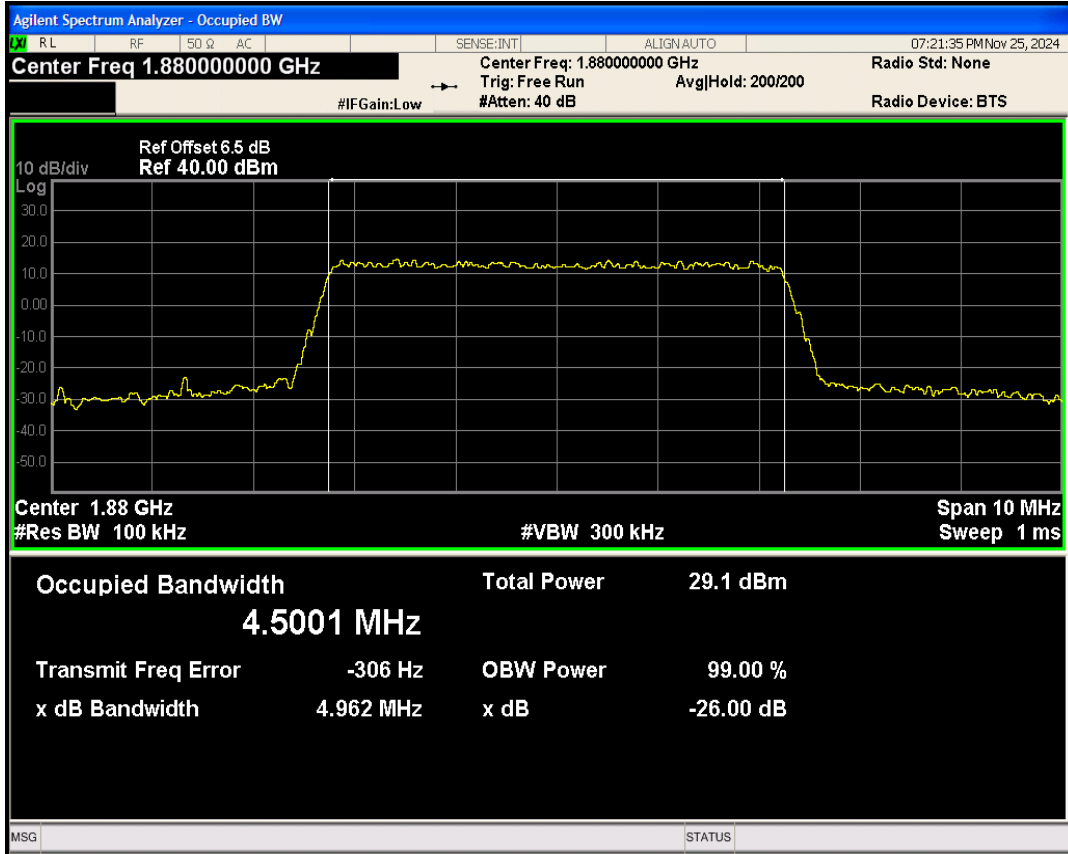
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



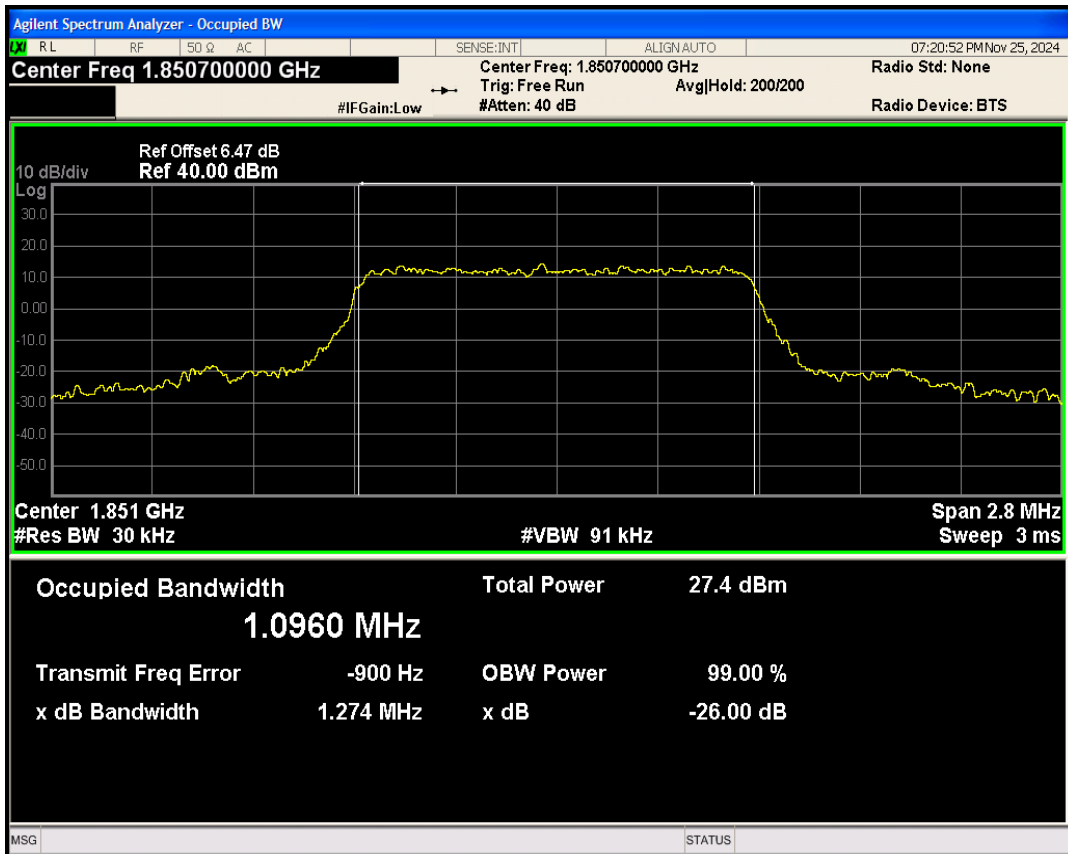
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



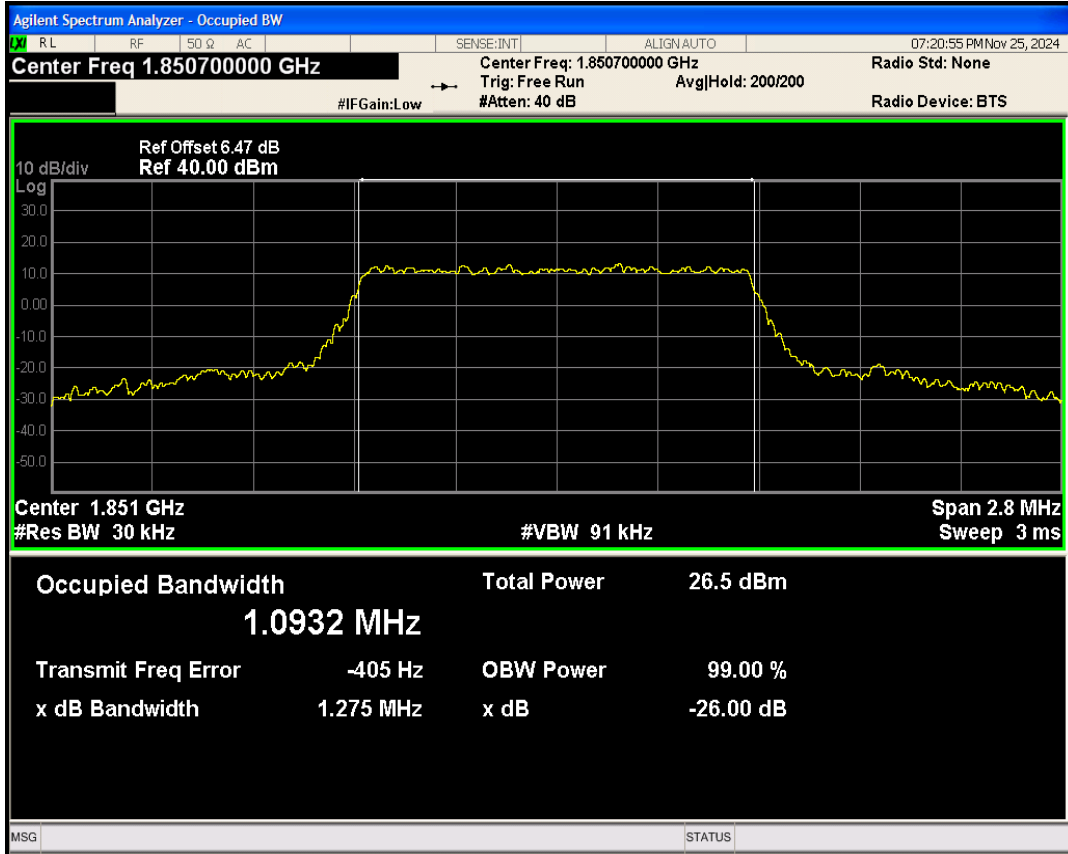
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



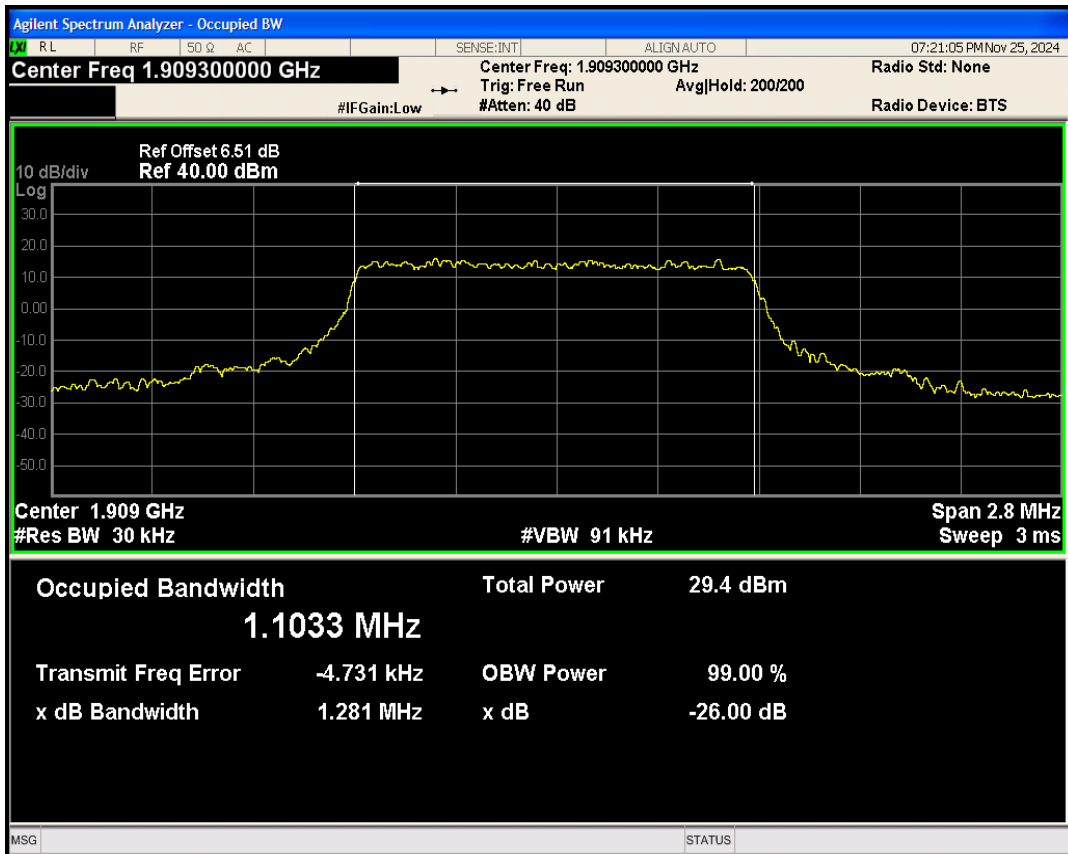
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



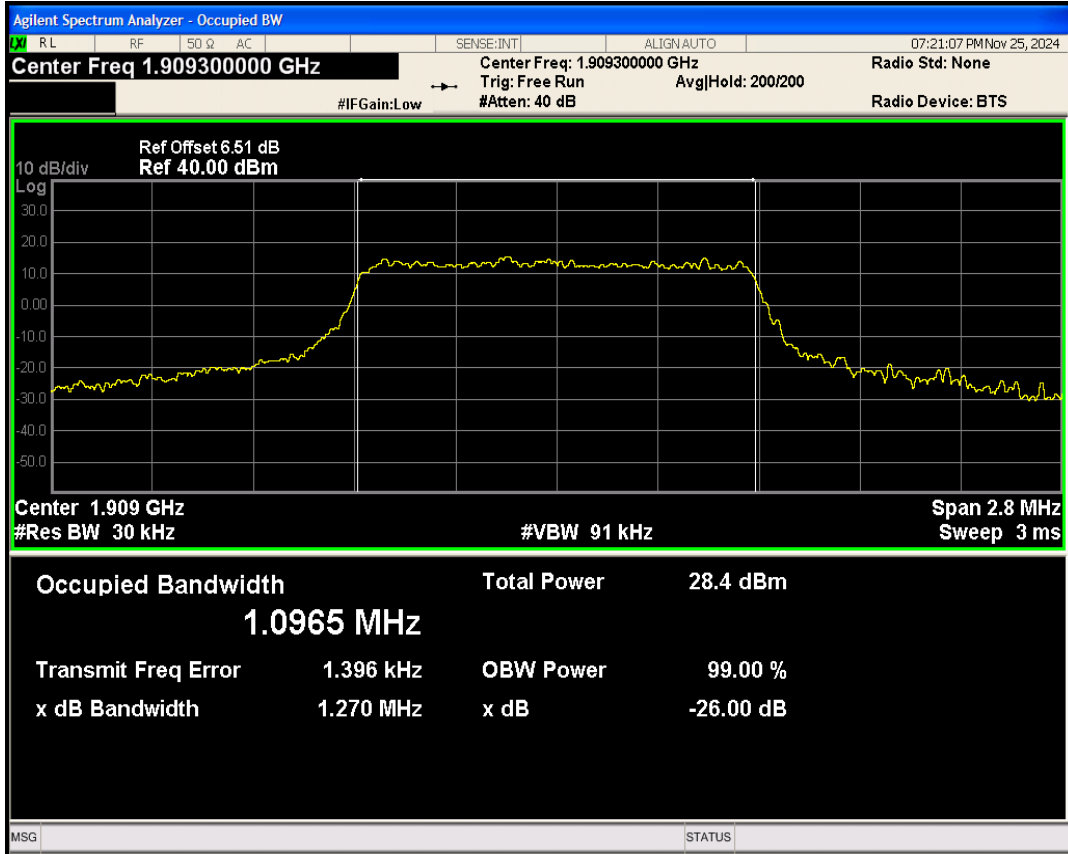
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



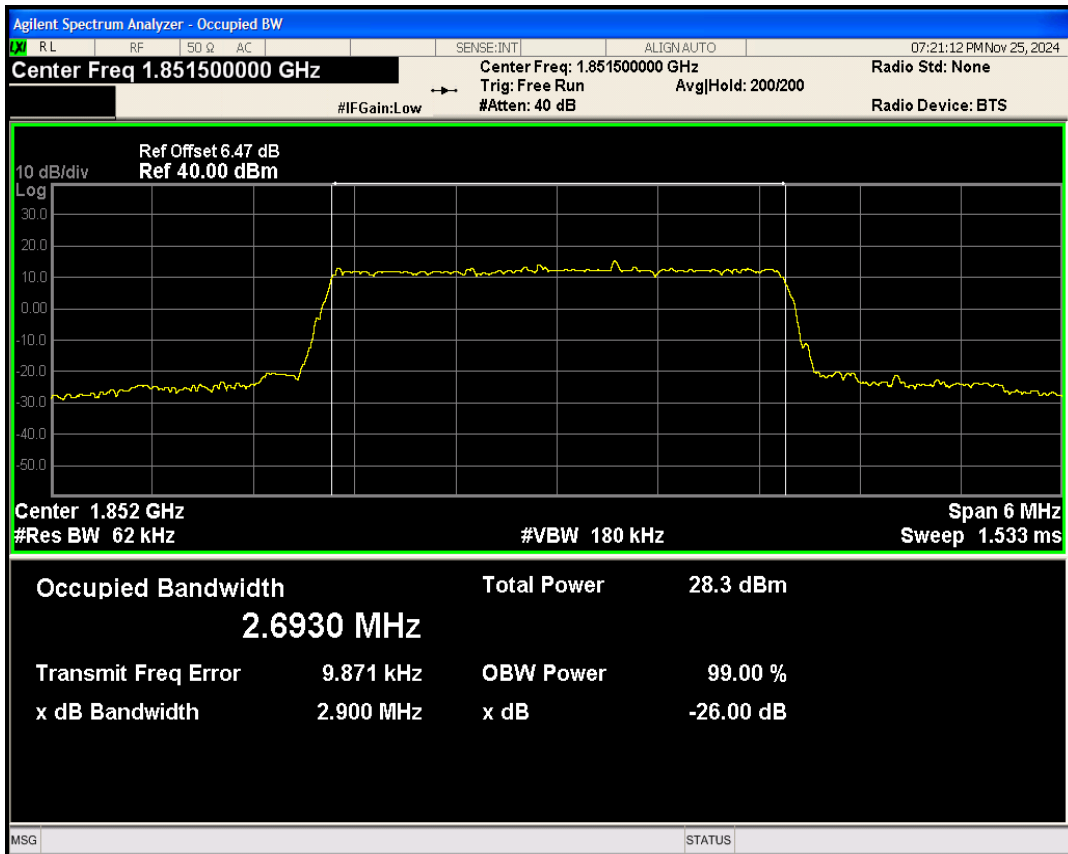
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



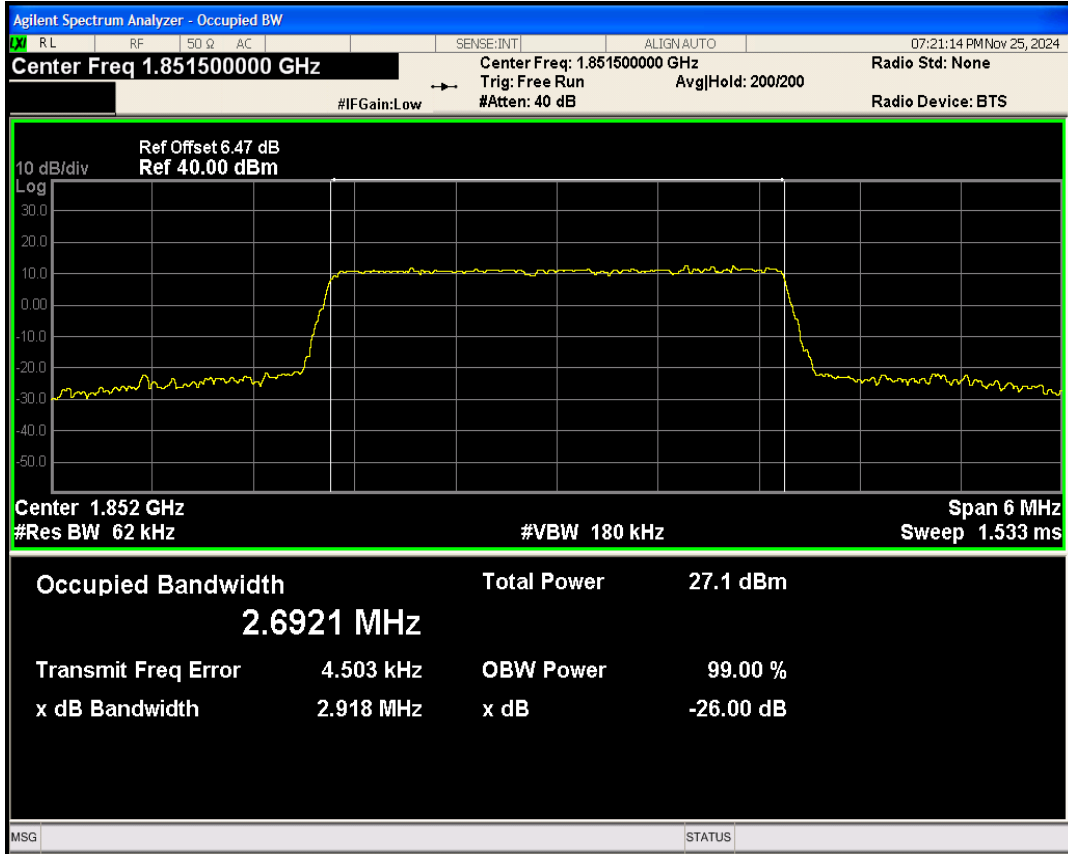
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



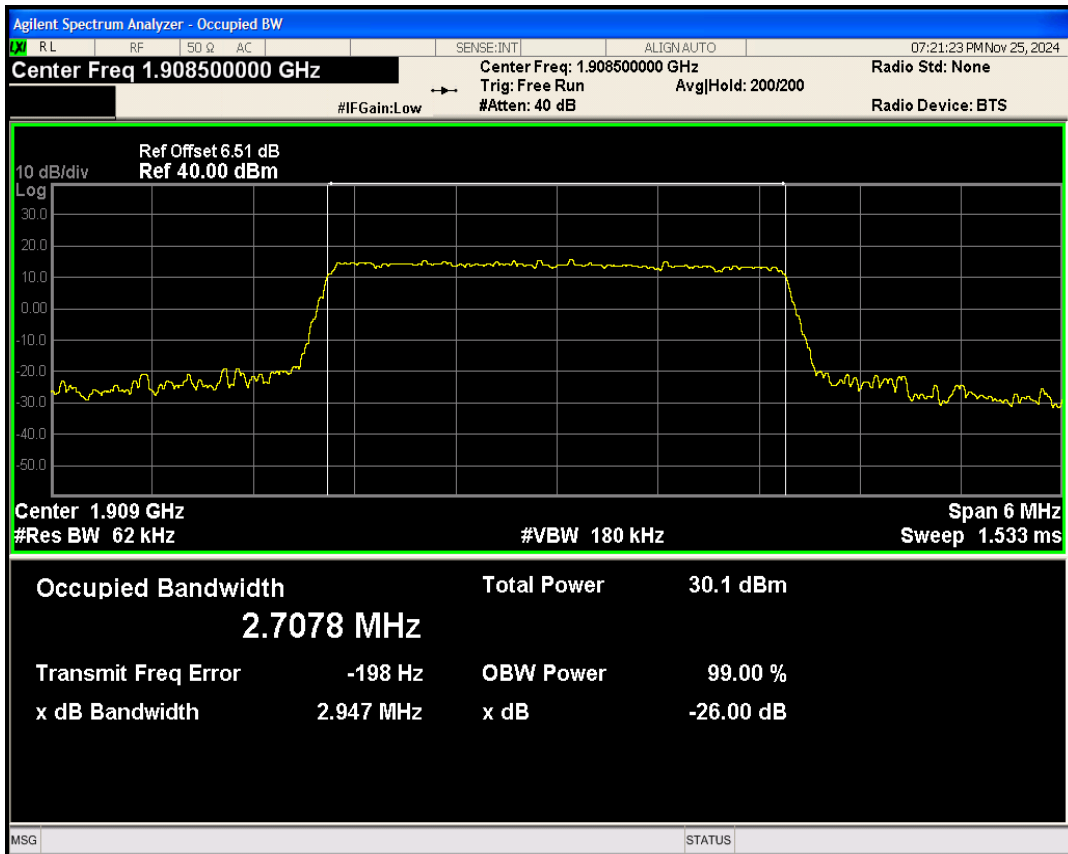
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



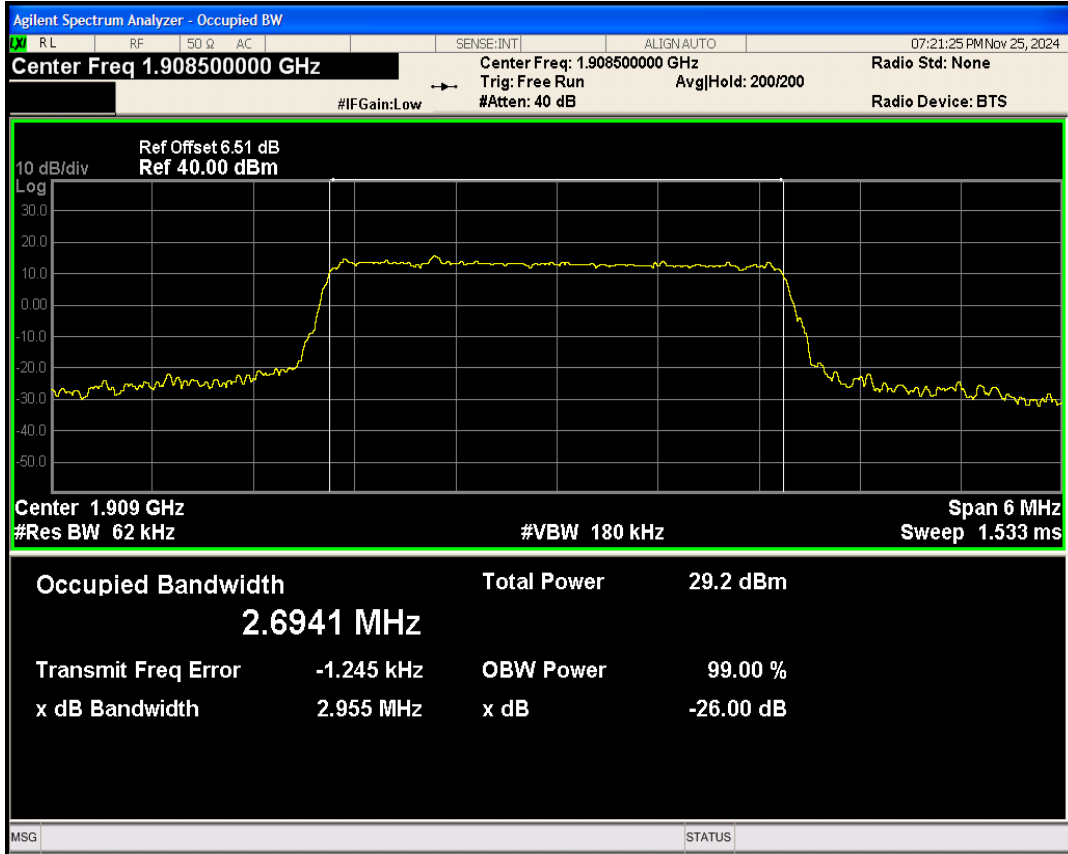
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



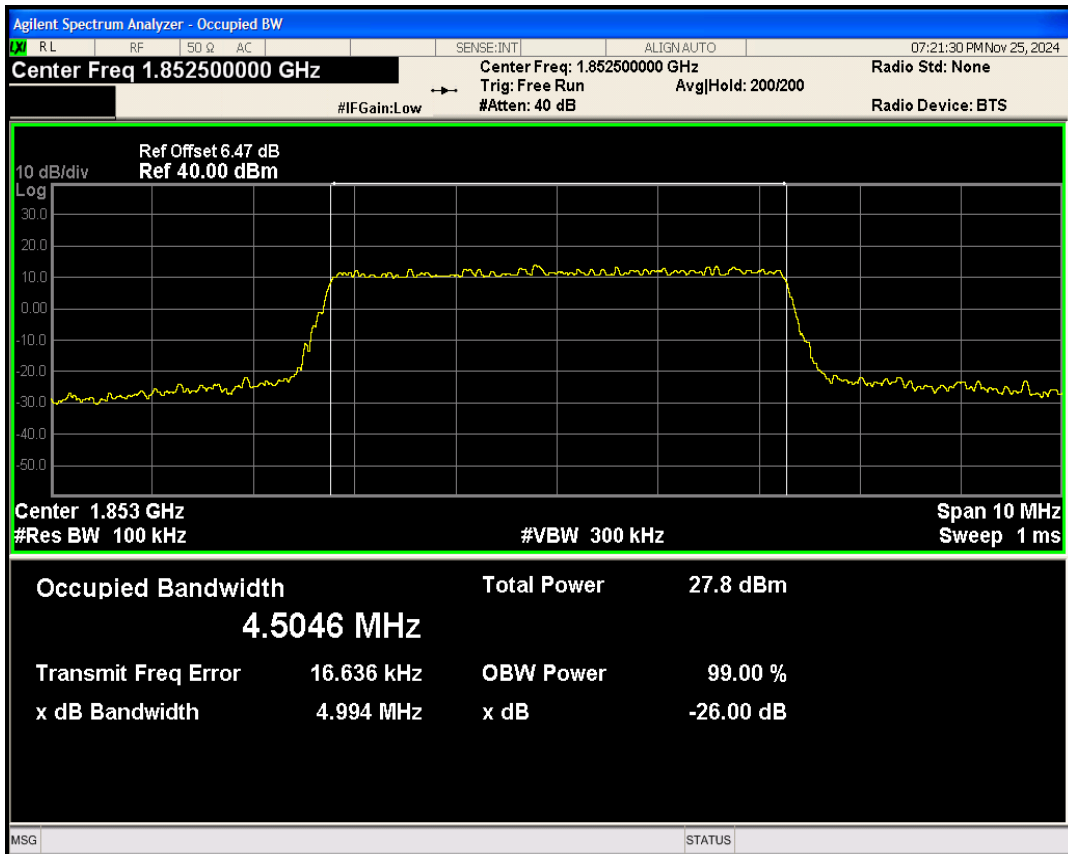
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



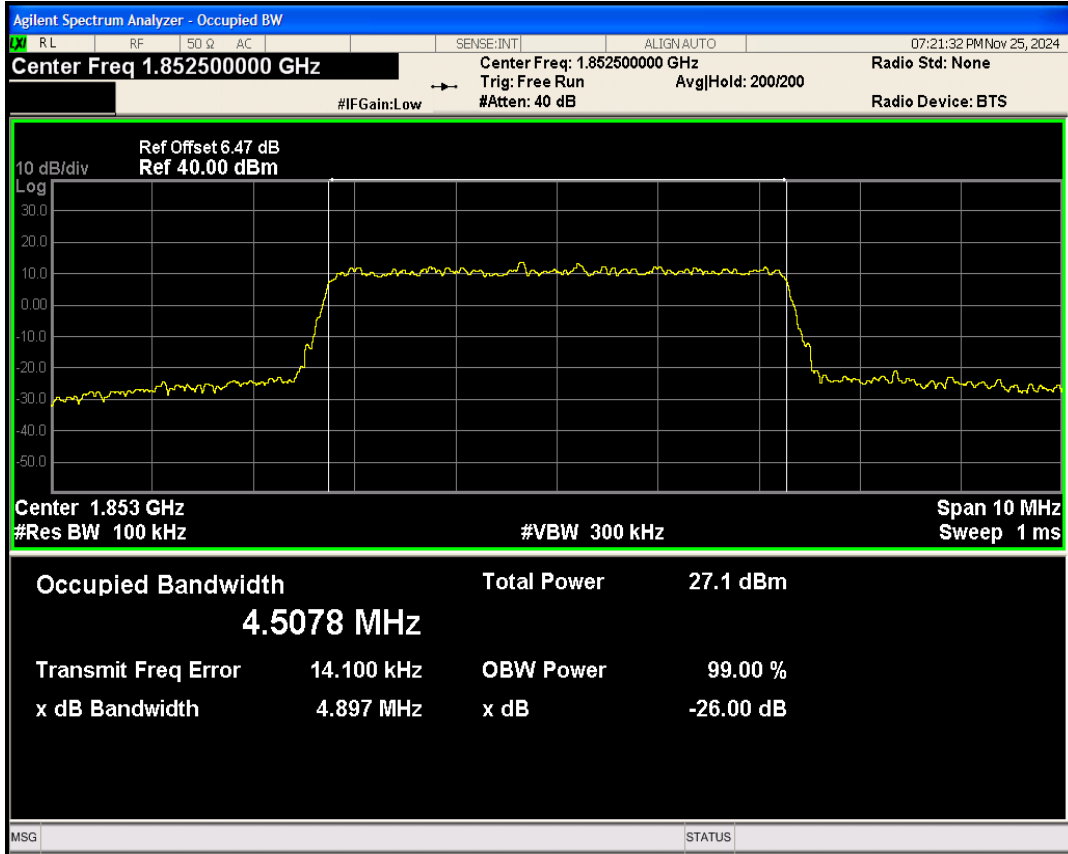
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



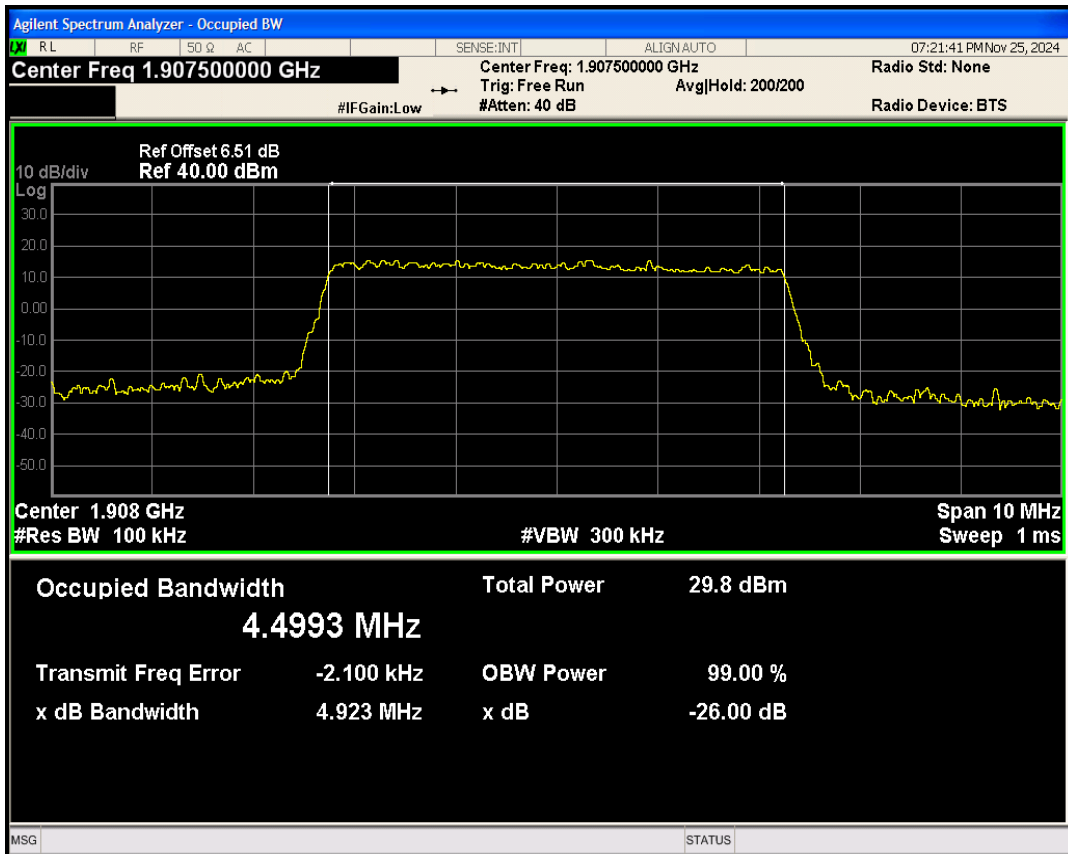
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



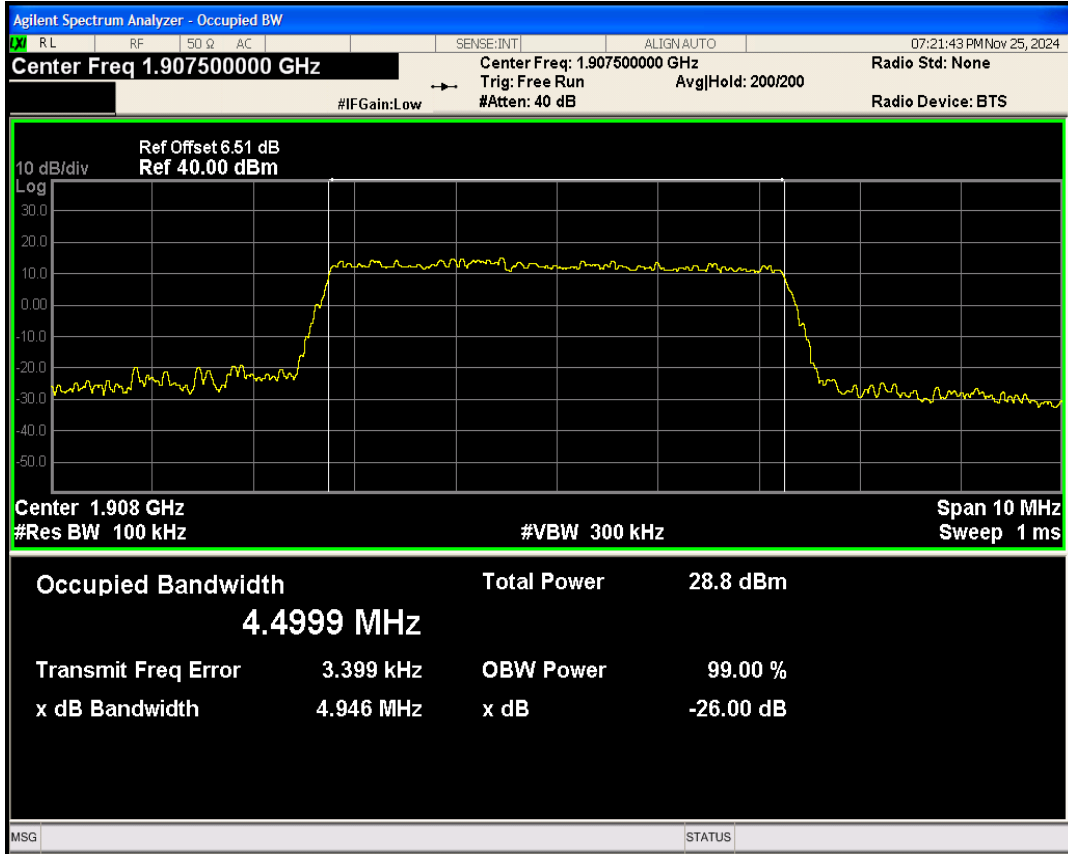
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



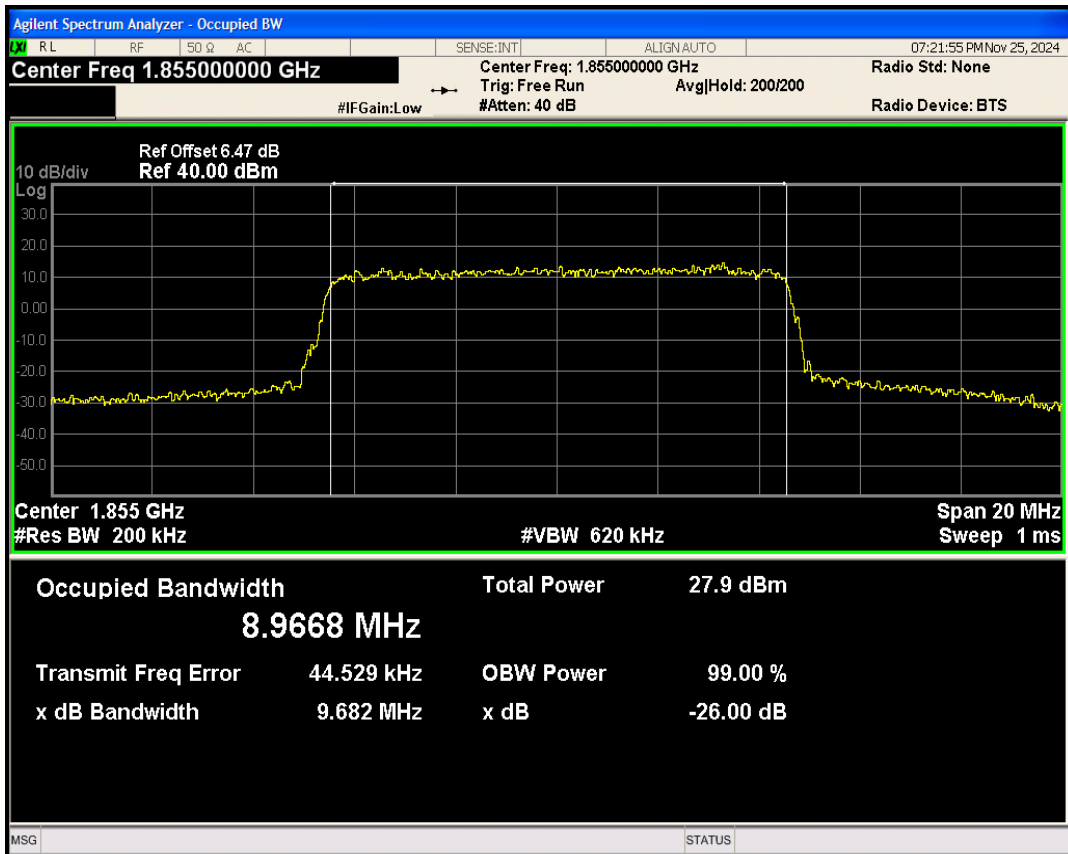
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



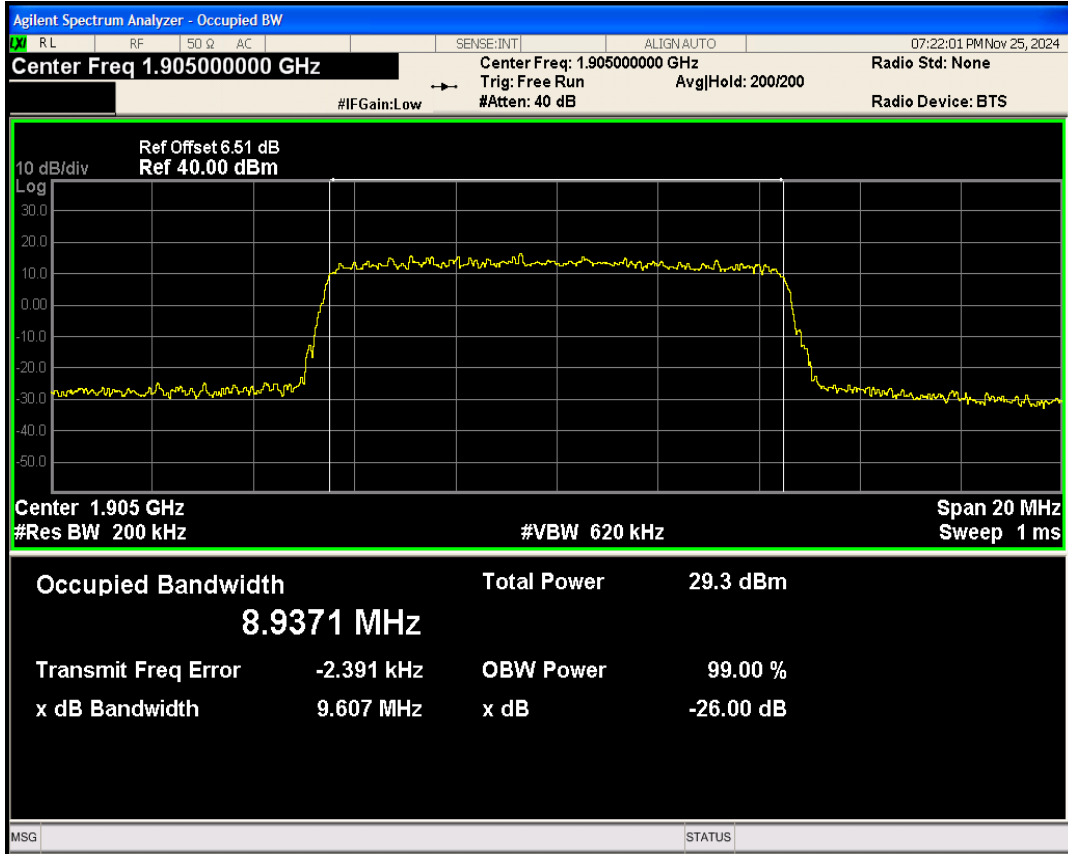
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



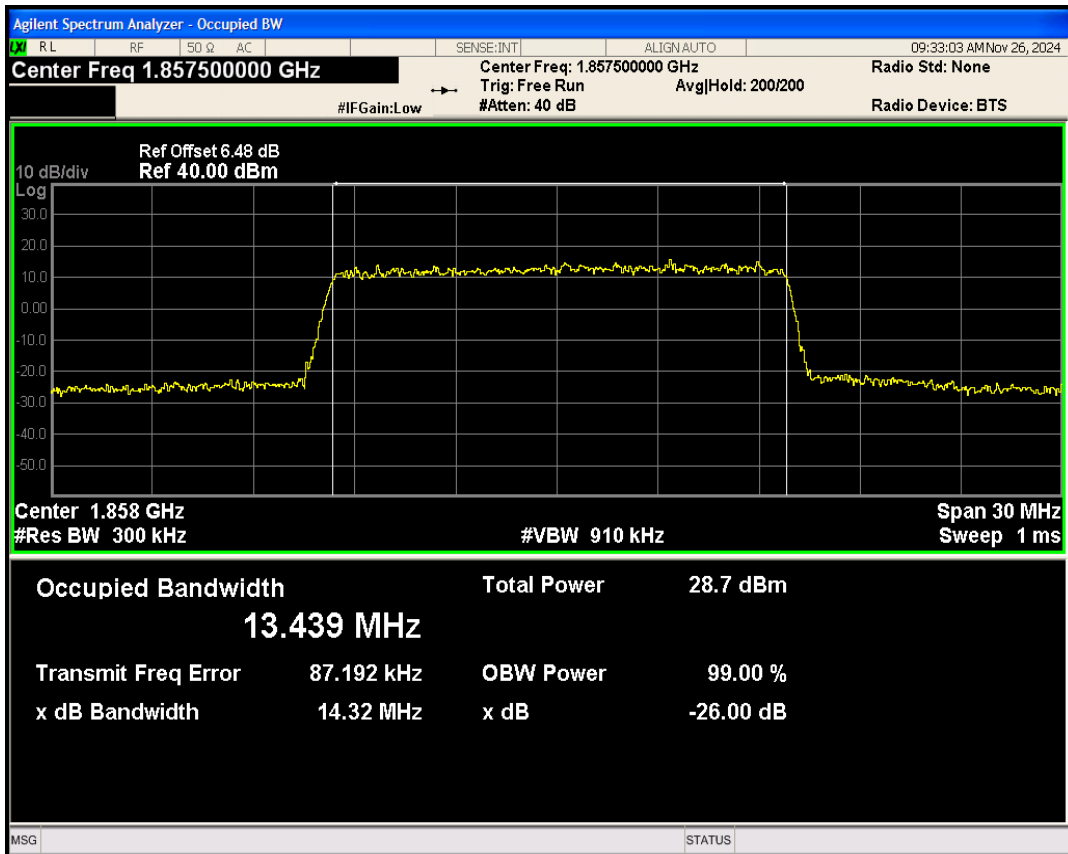
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



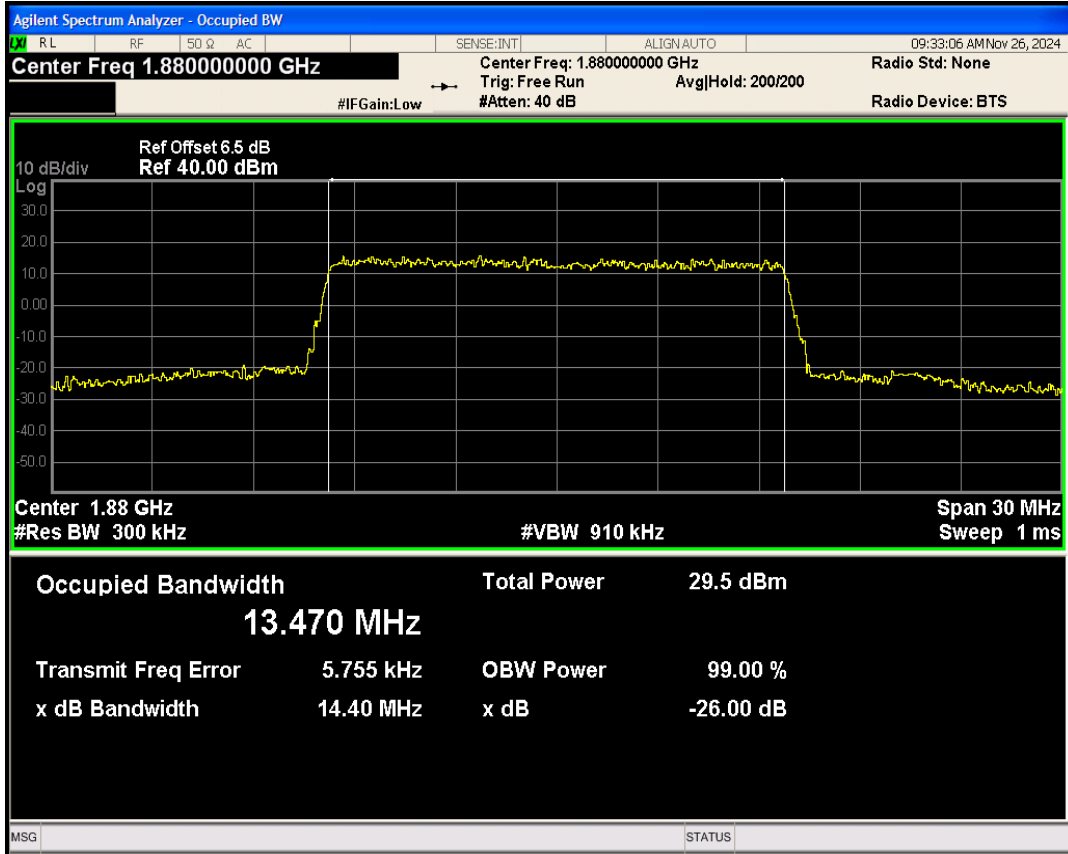
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



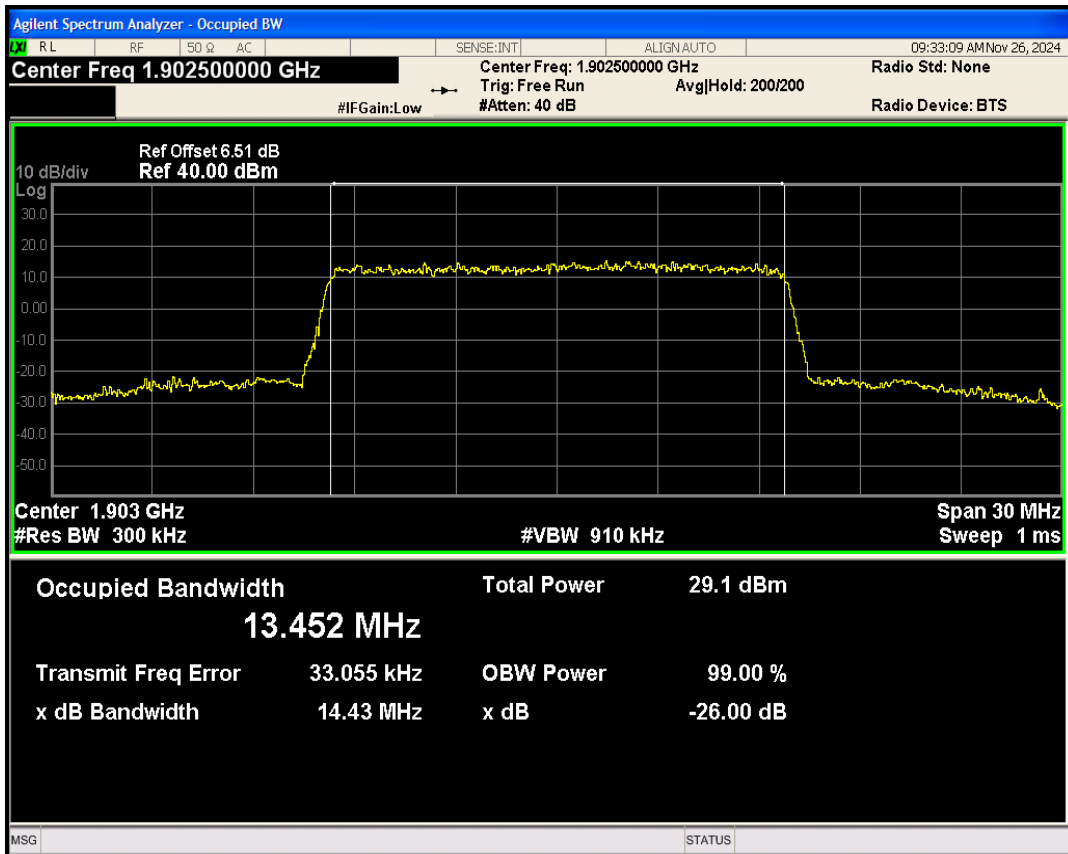
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



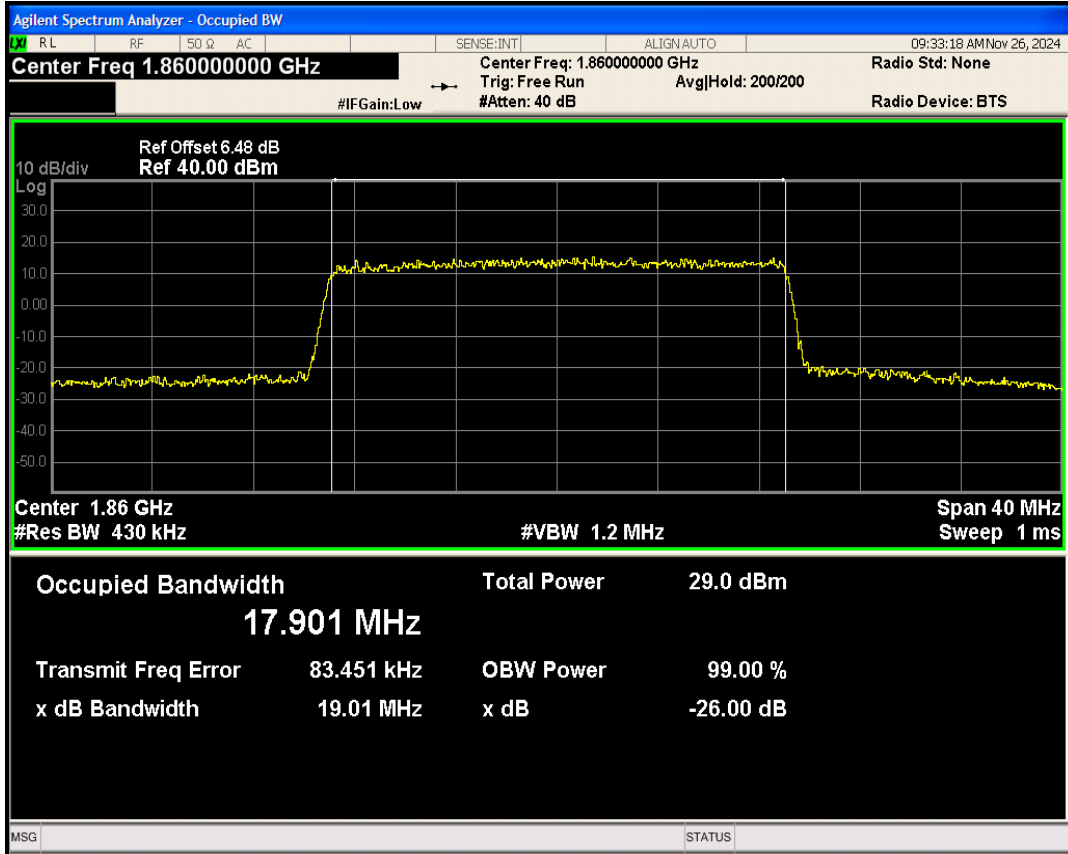
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



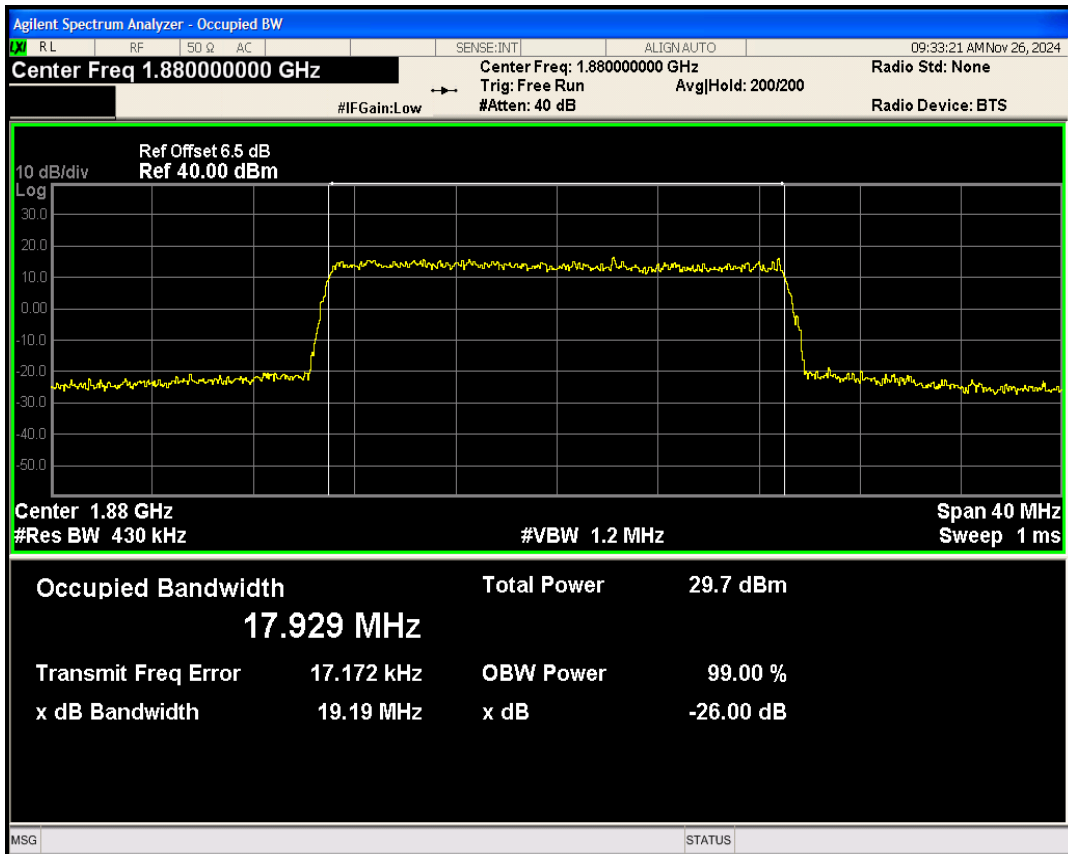
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



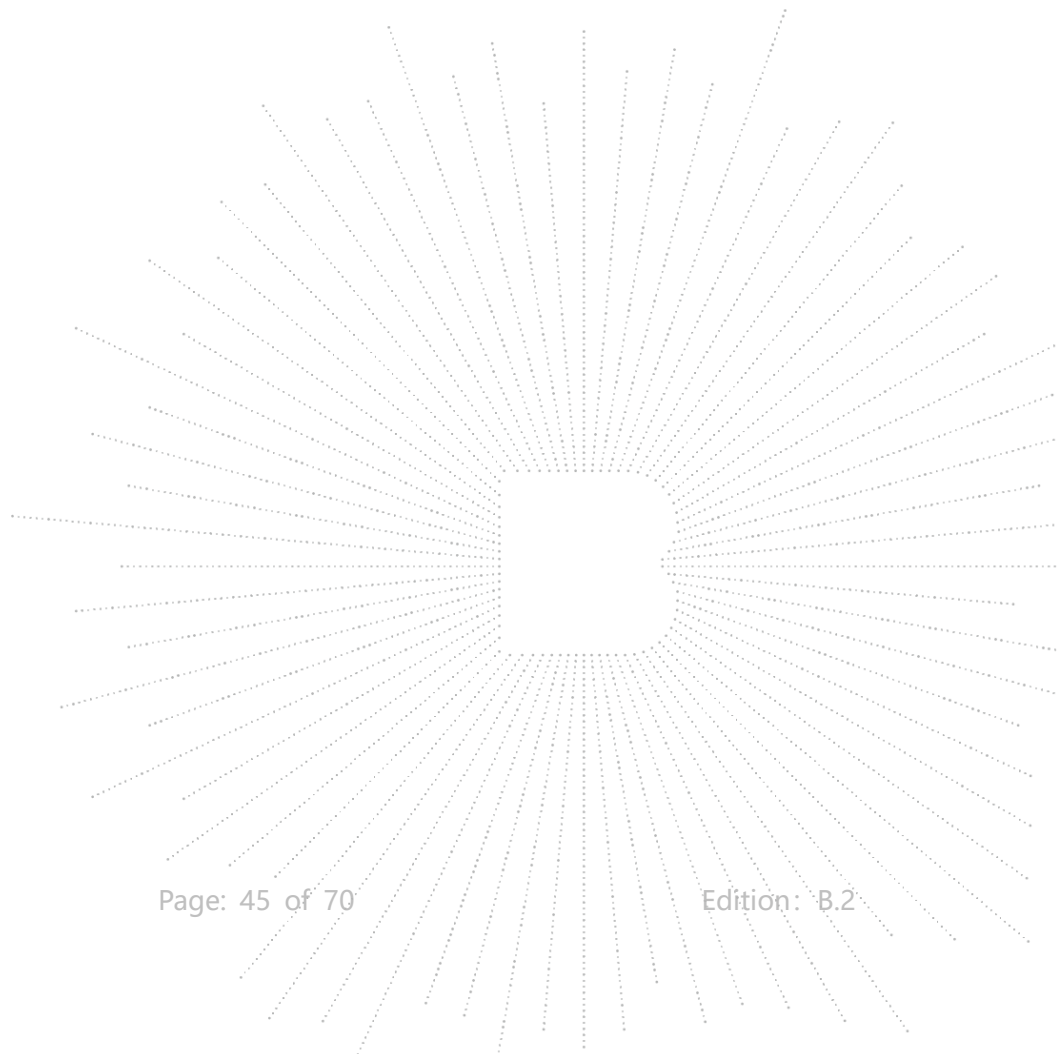
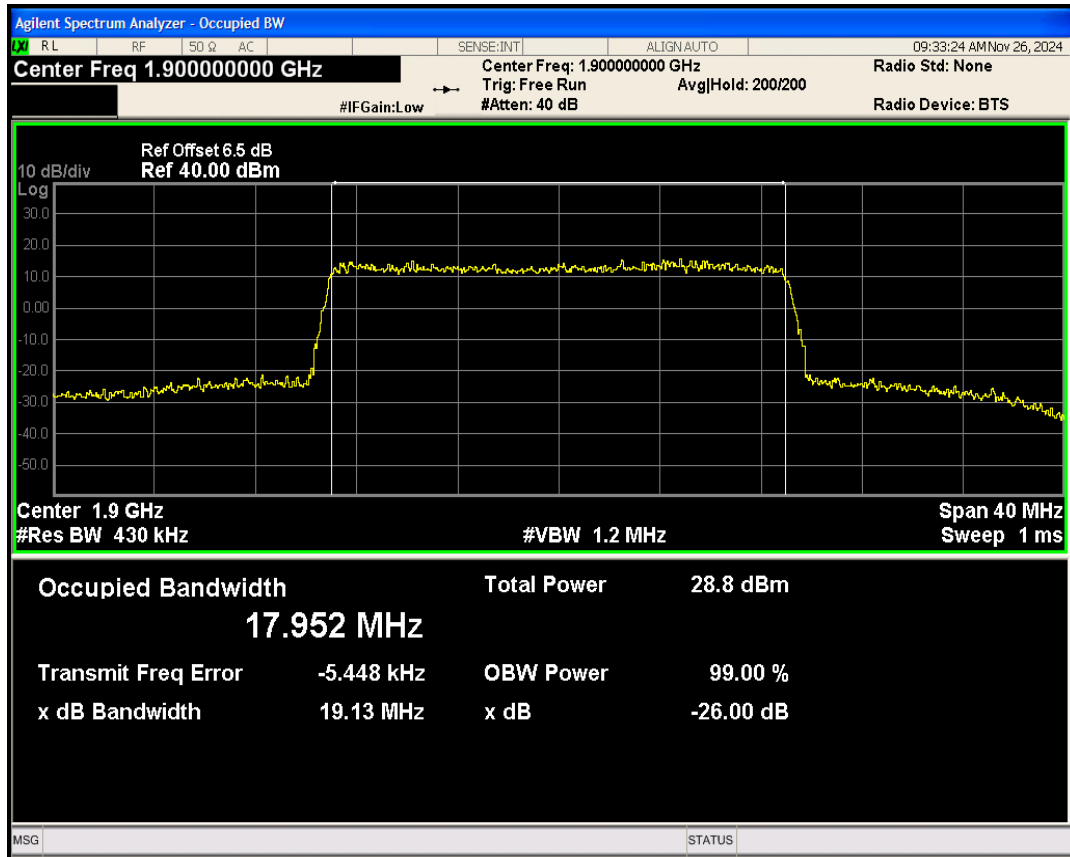
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



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



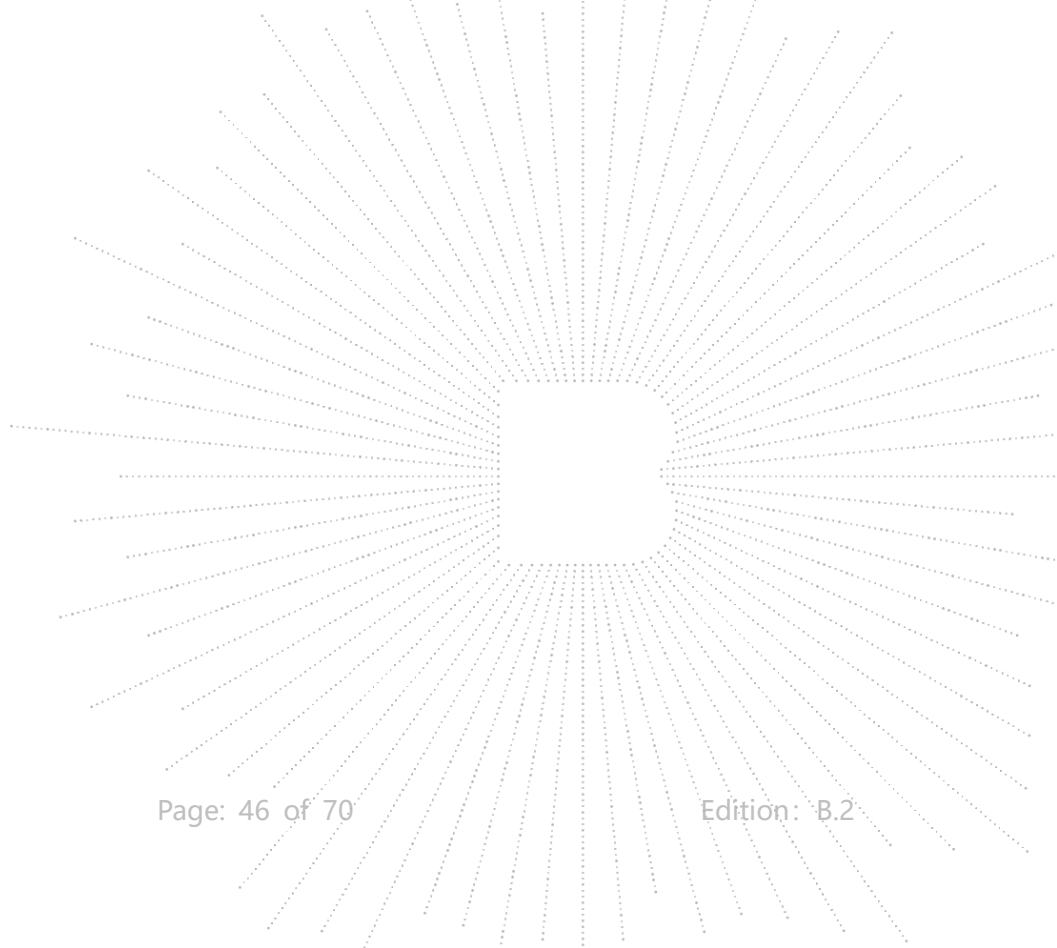
Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0

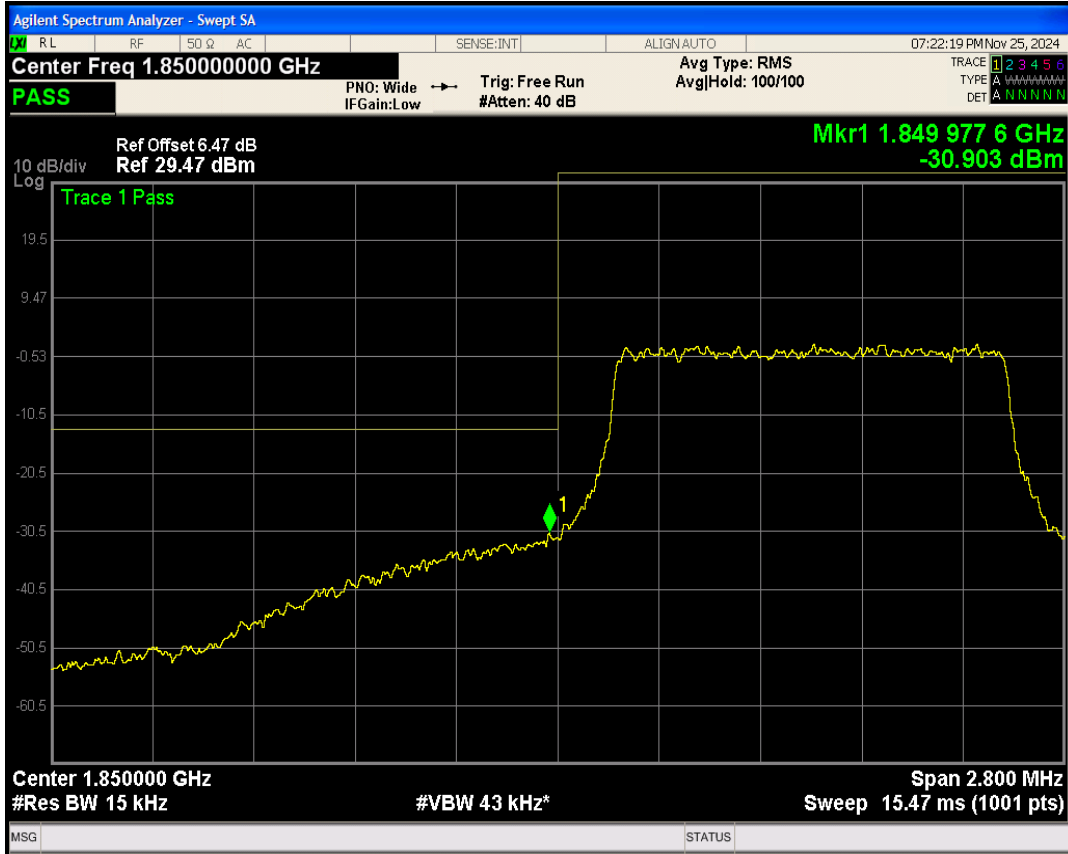


Appendix 5. Band edge

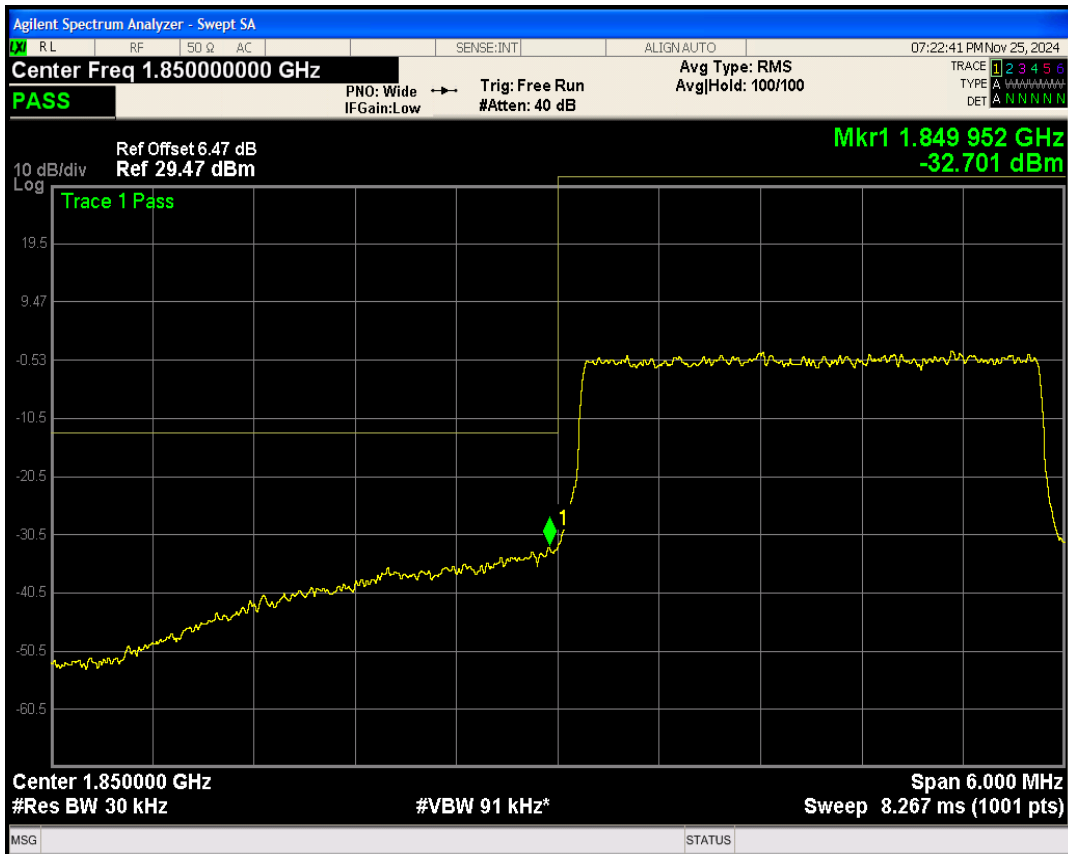
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	1849.99	-29.61	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1849.98	-30.90	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-26.60	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.01	-26.33	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-30.86	-13	PASS
Band2	3	18615	15	#0	16QAM	1849.95	-32.70	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.00	-30.76	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.00	-32.19	-13	PASS
Band2	5	18625	25	#0	QPSK	1850.00	-32.65	-13	PASS
Band2	5	18625	25	#0	16QAM	1849.99	-31.94	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-32.25	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.00	-31.90	-13	PASS
Band2	10	18650	50	#0	QPSK	1849.66	-35.27	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.00	-35.98	-13	PASS
Band2	15	18675	75	#0	QPSK	1847.45	-34.35	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.36	-32.90	-13	PASS
Band2	20	18700	100	#0	QPSK	1850.00	-33.92	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.00	-33.62	-13	PASS

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





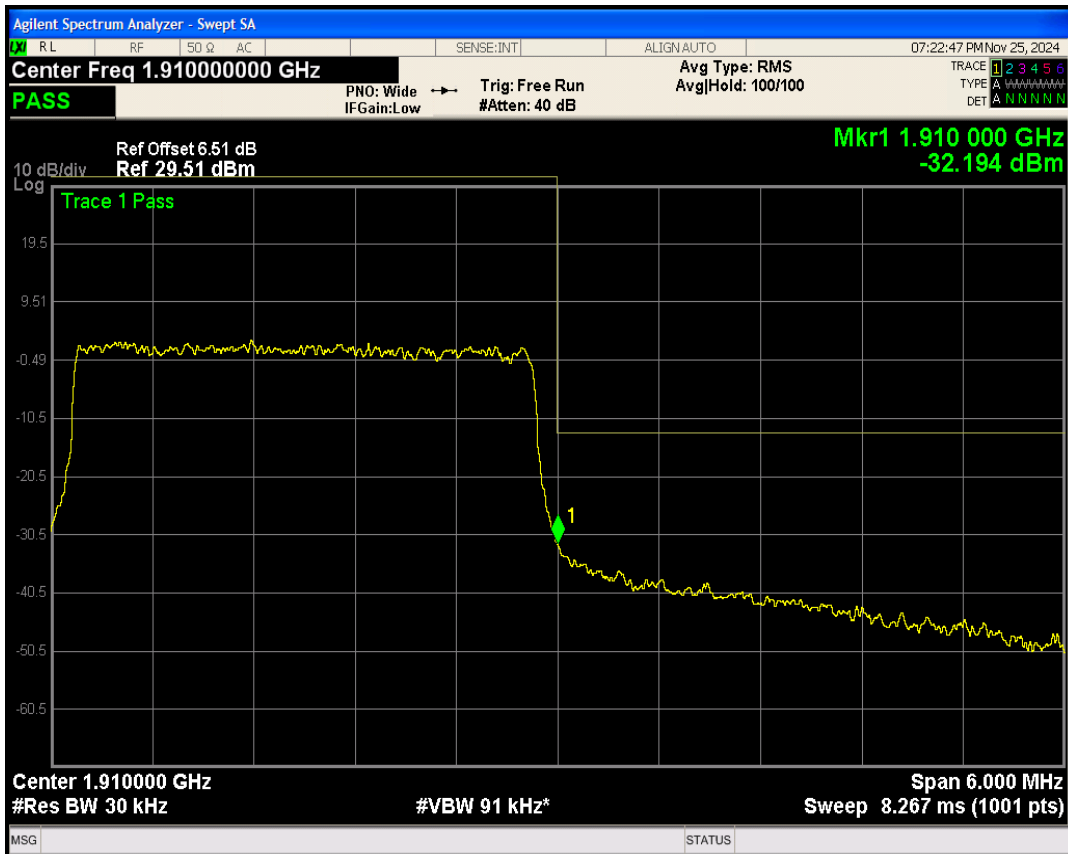
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



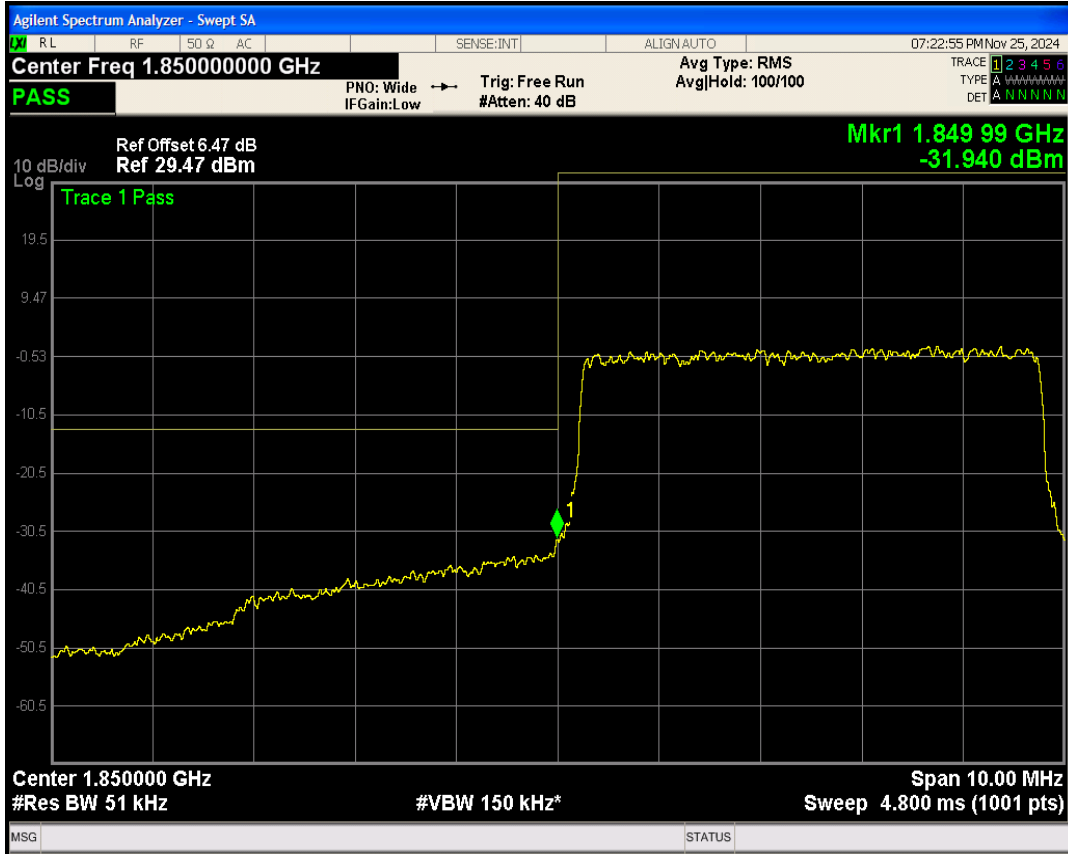
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



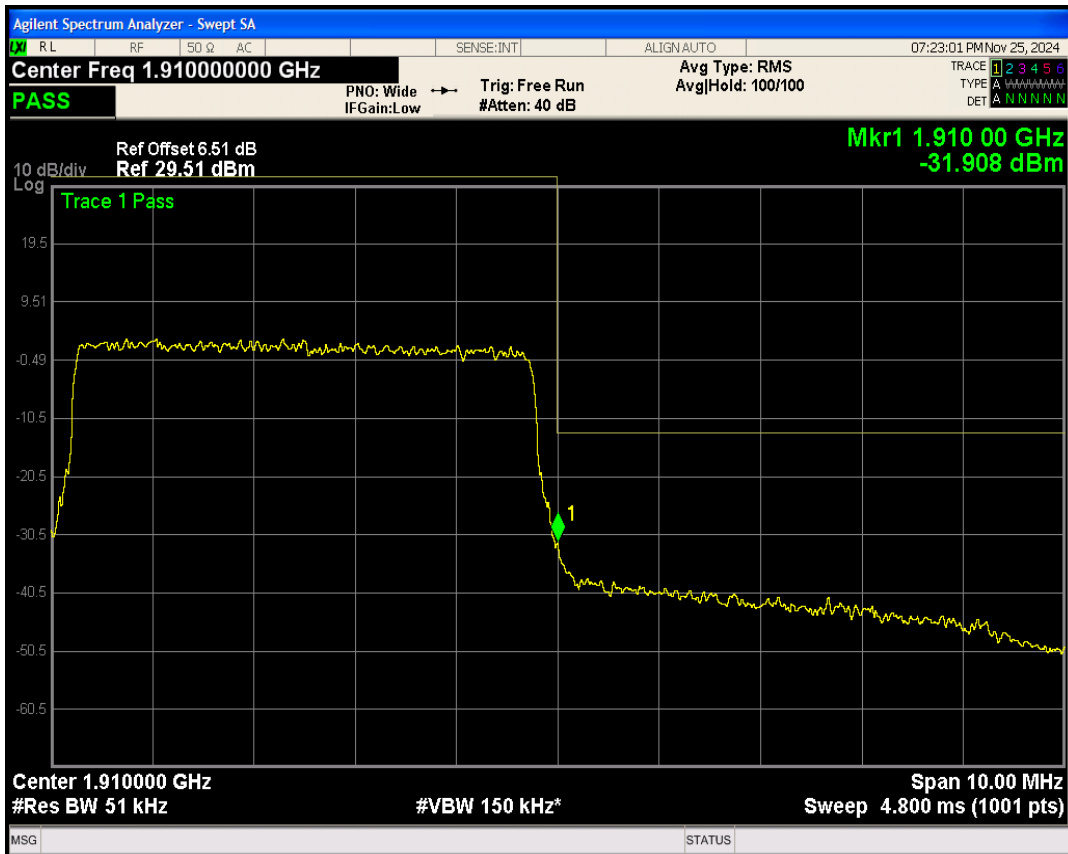
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



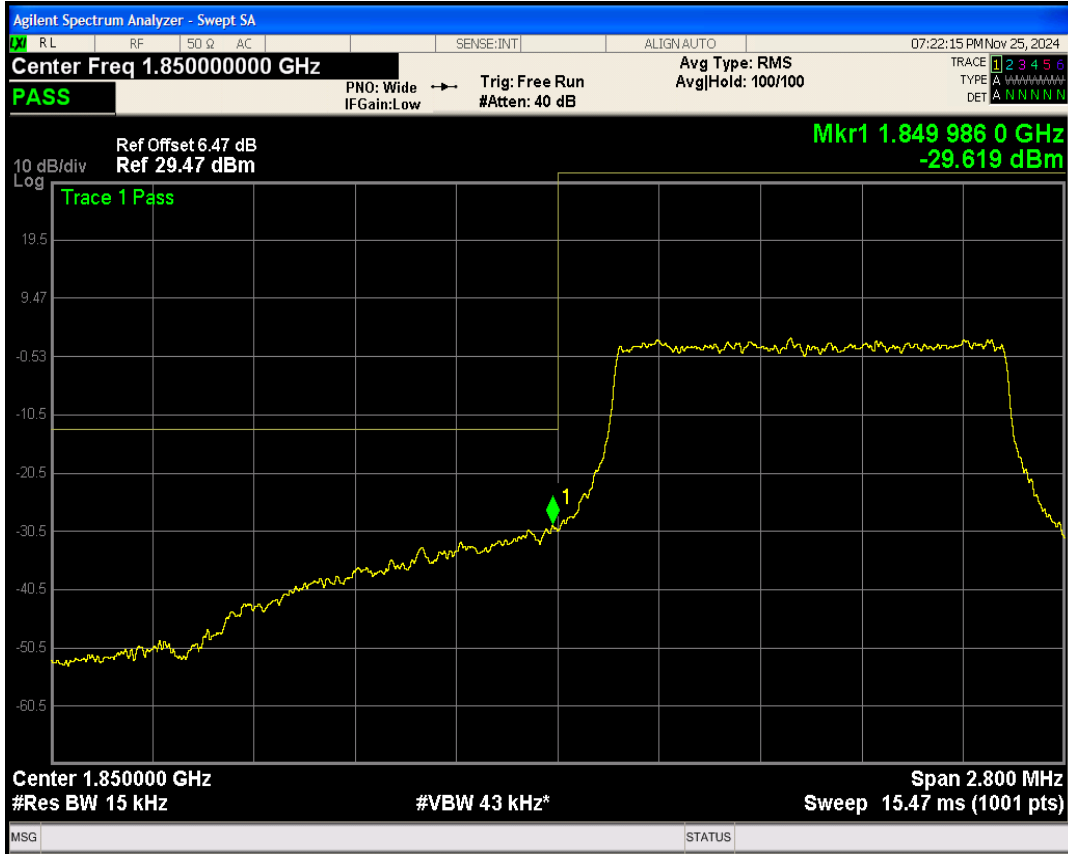
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



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



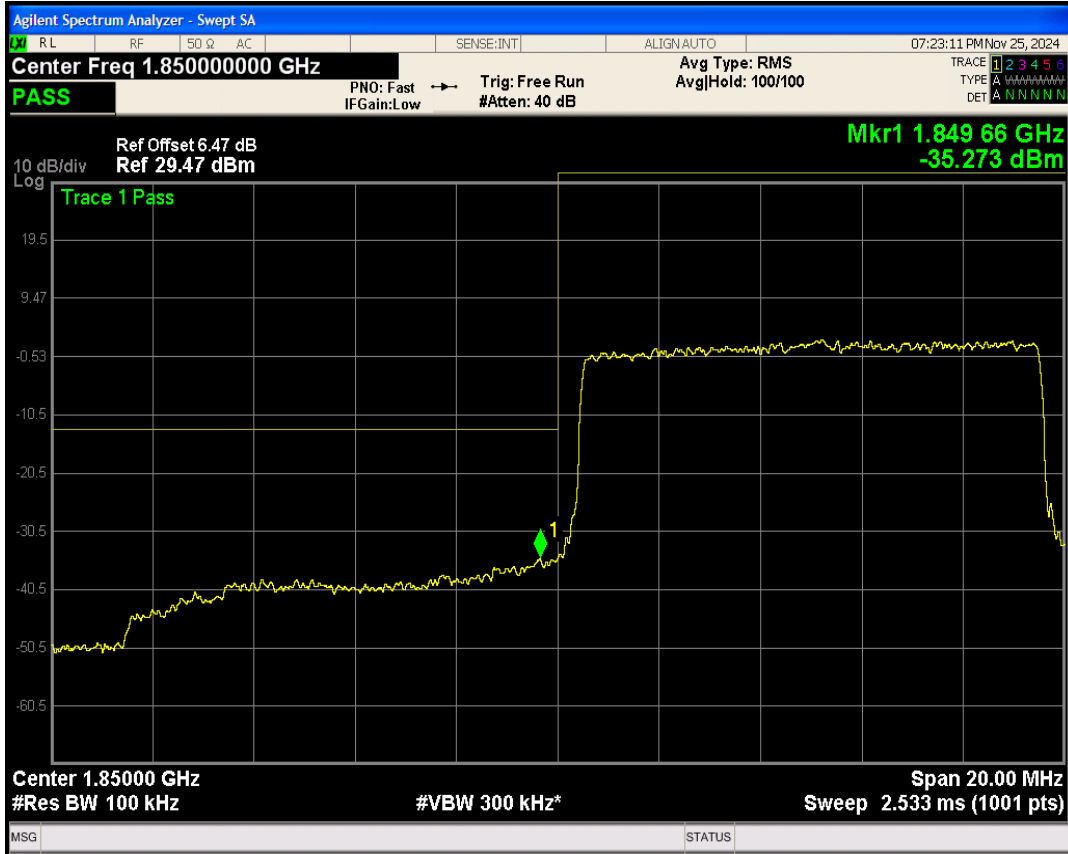
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



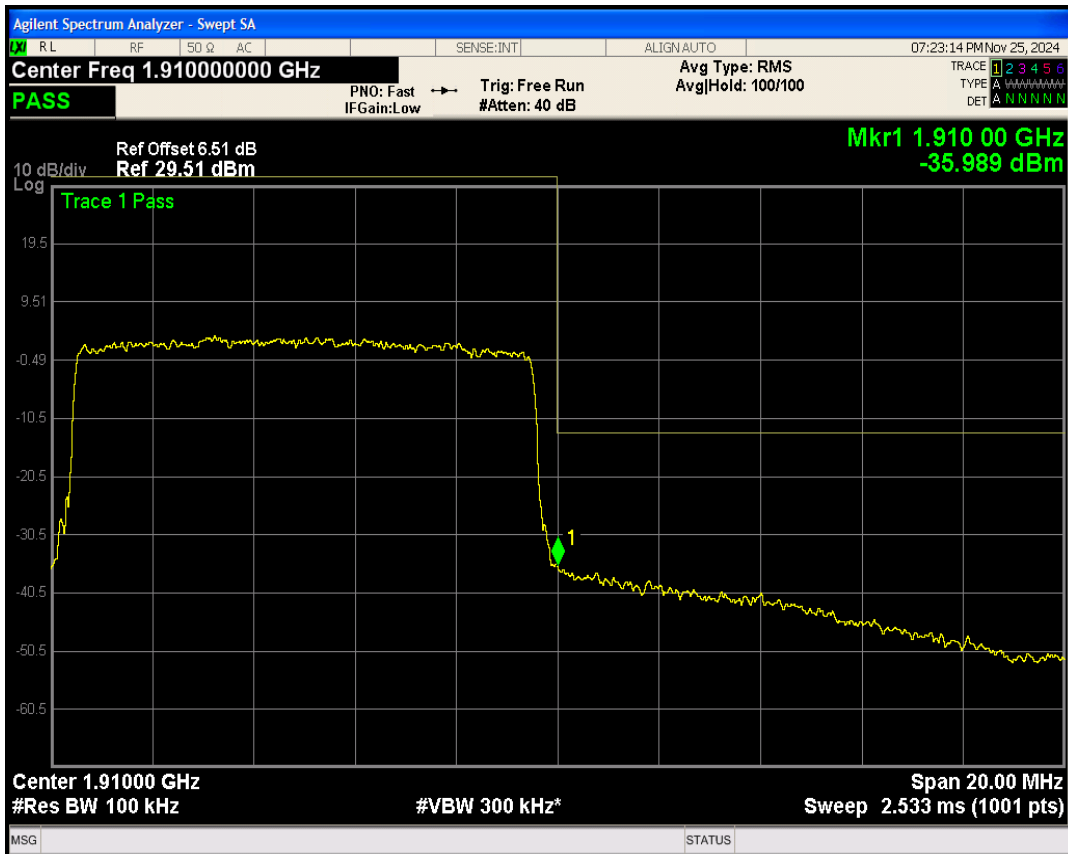
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



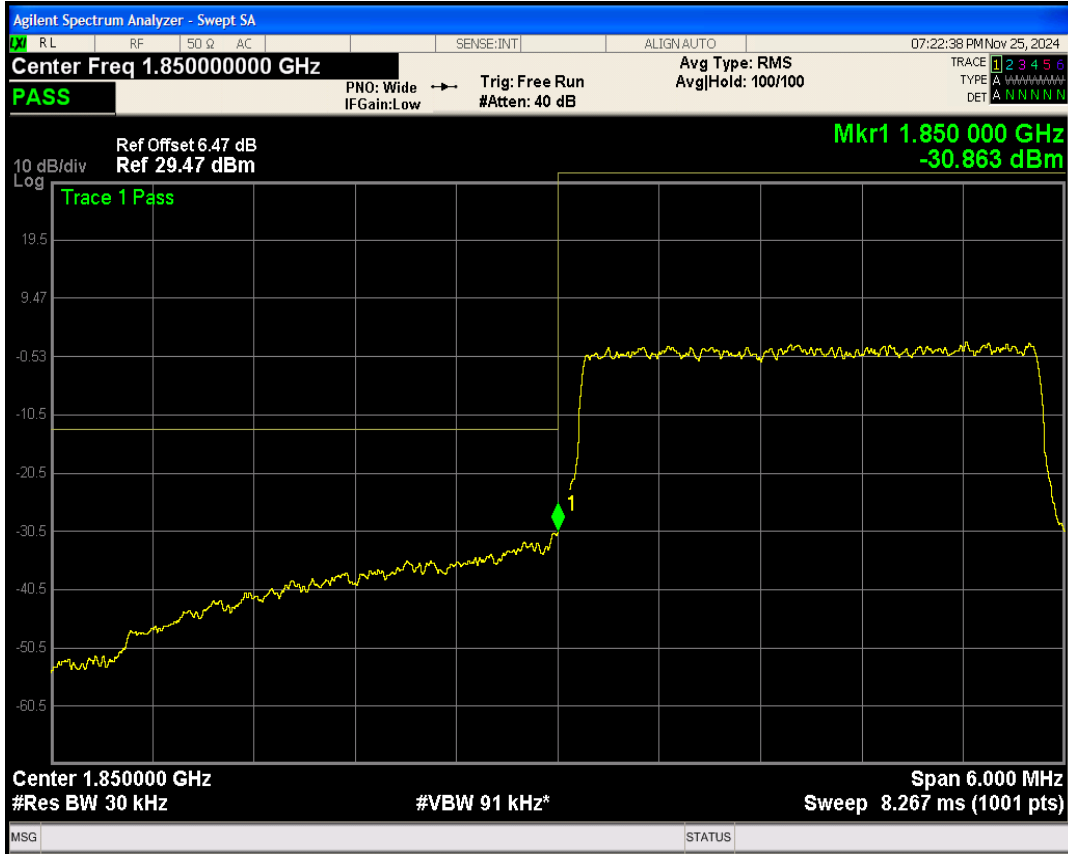
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



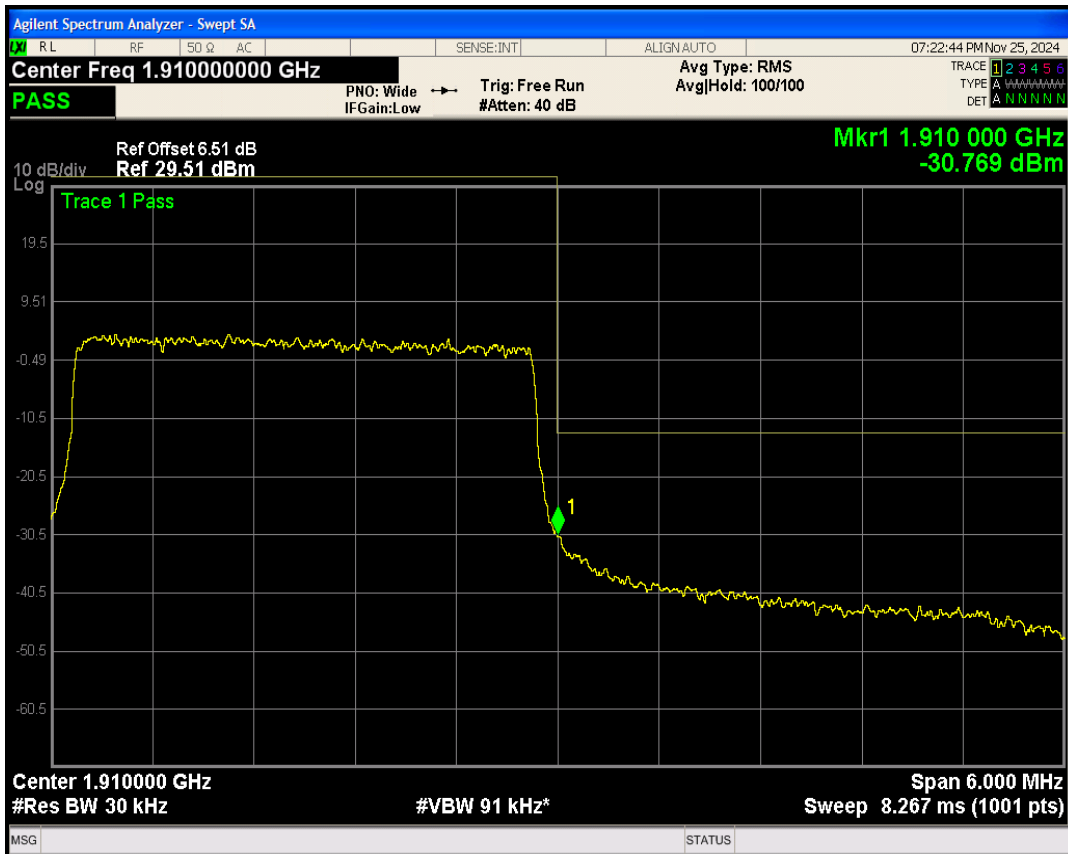
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



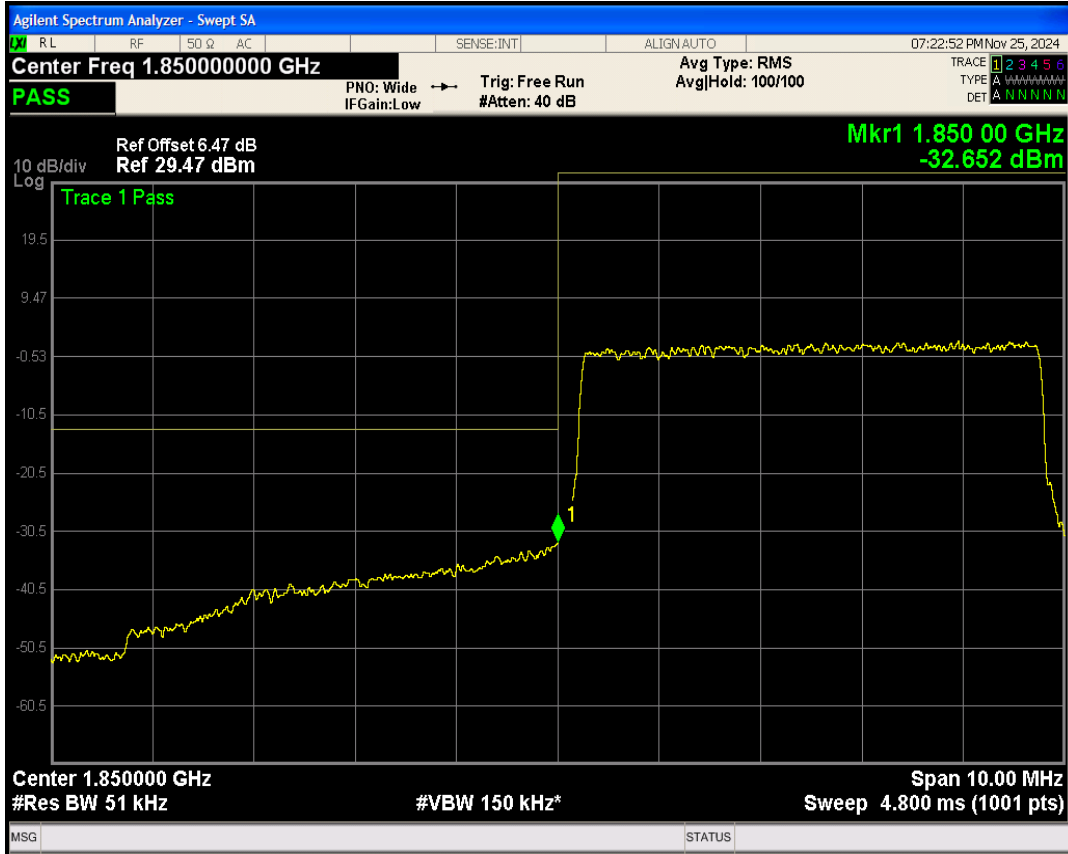
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



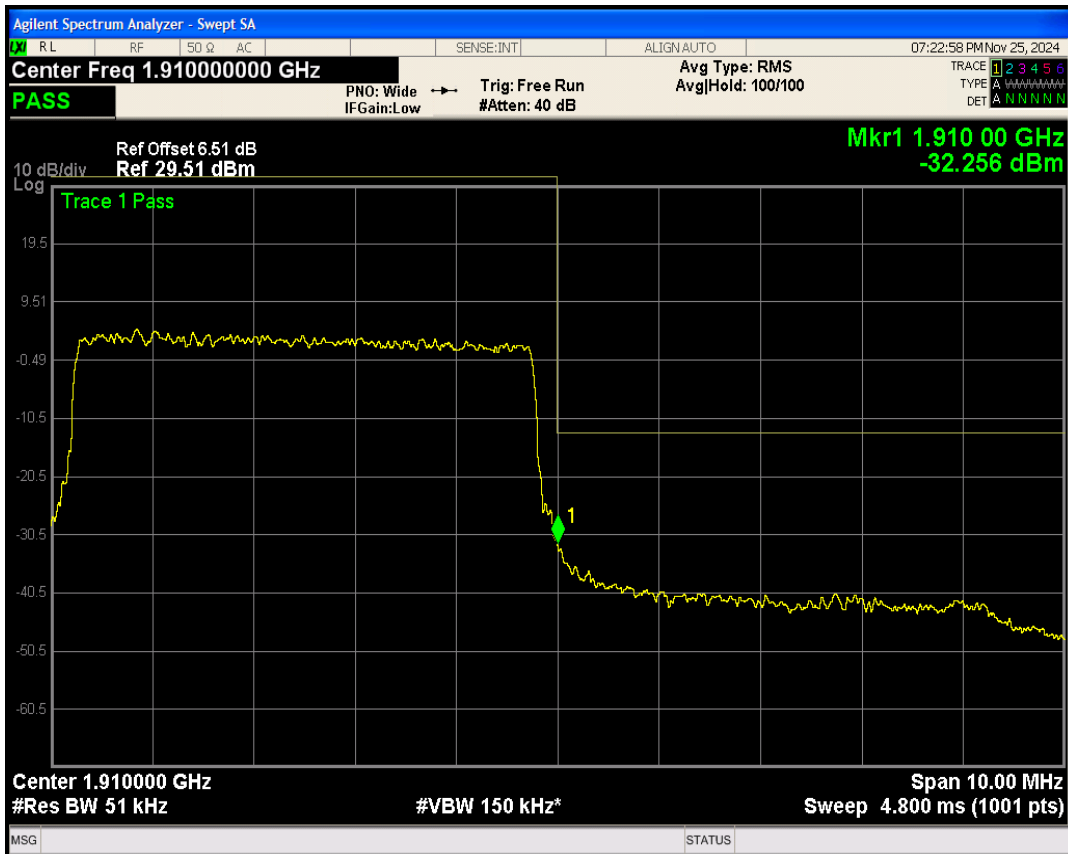
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



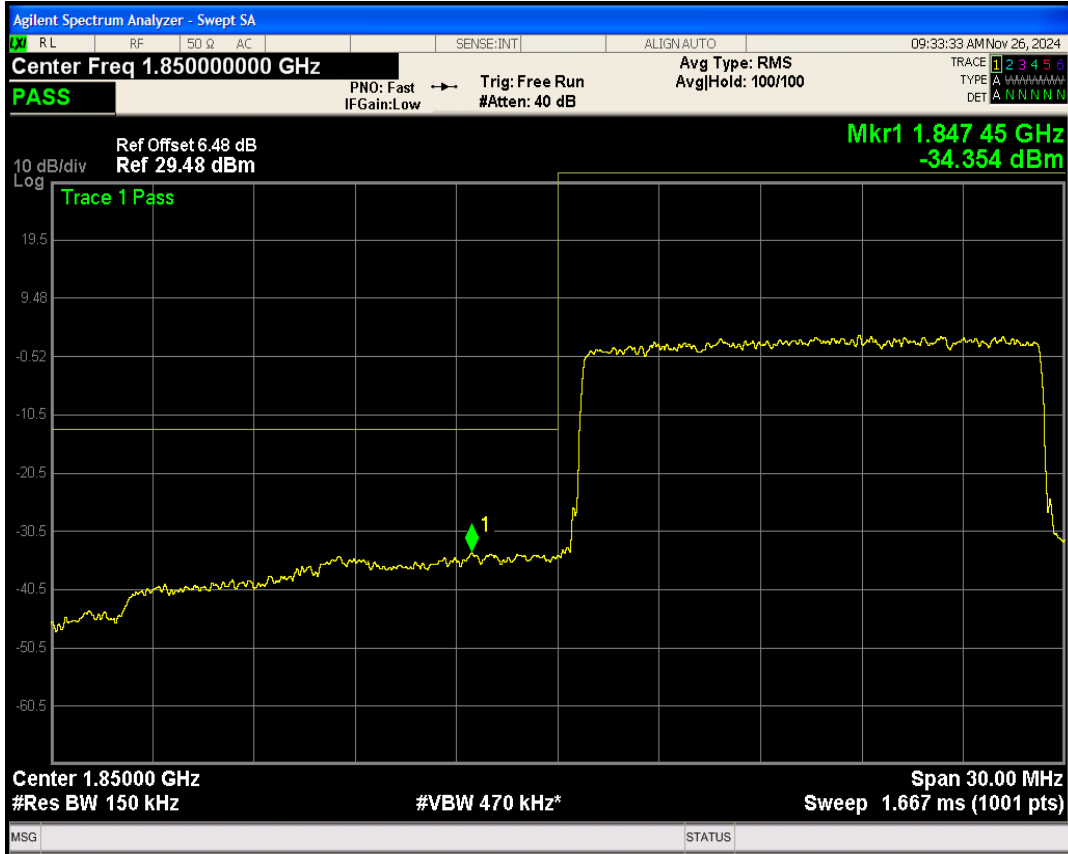
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



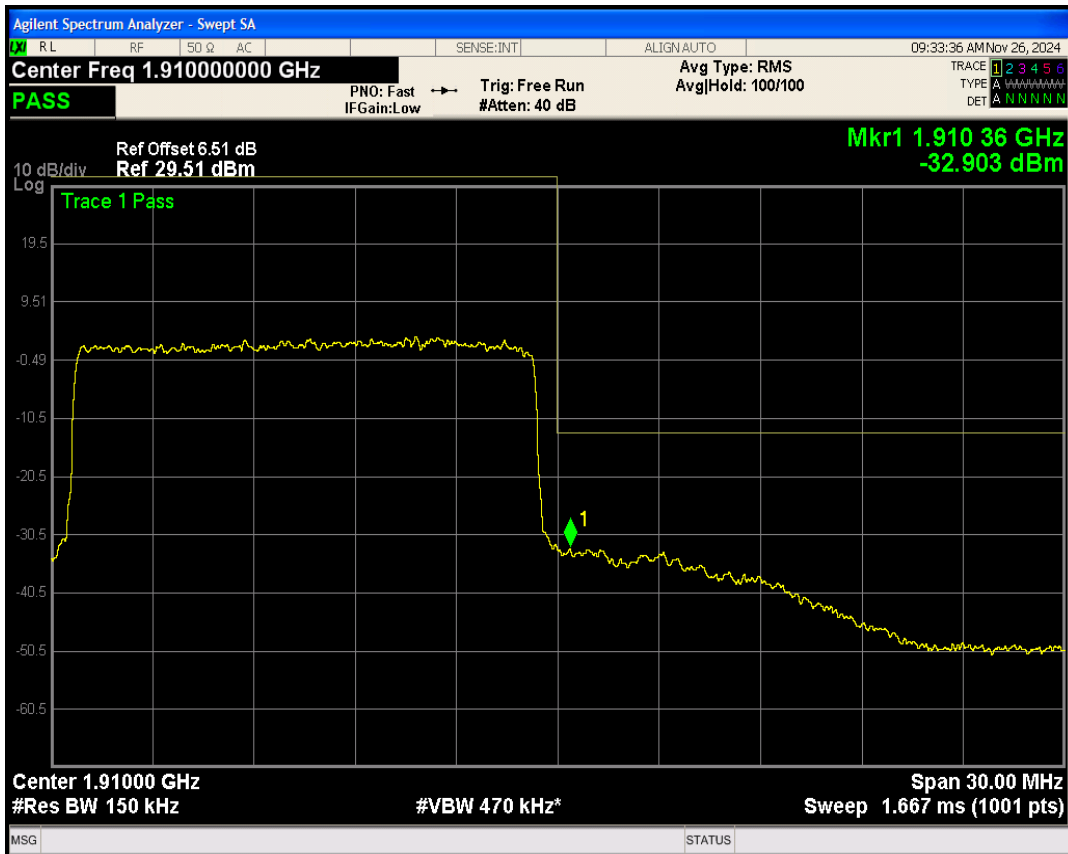
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



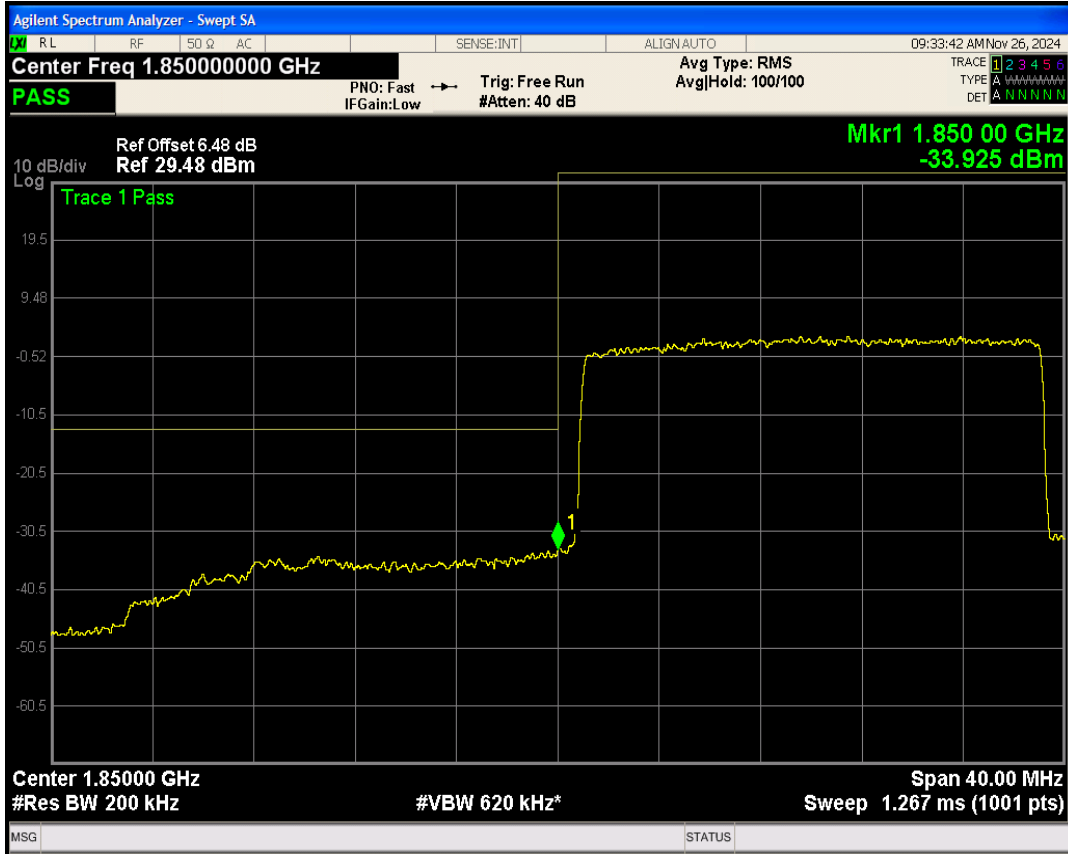
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



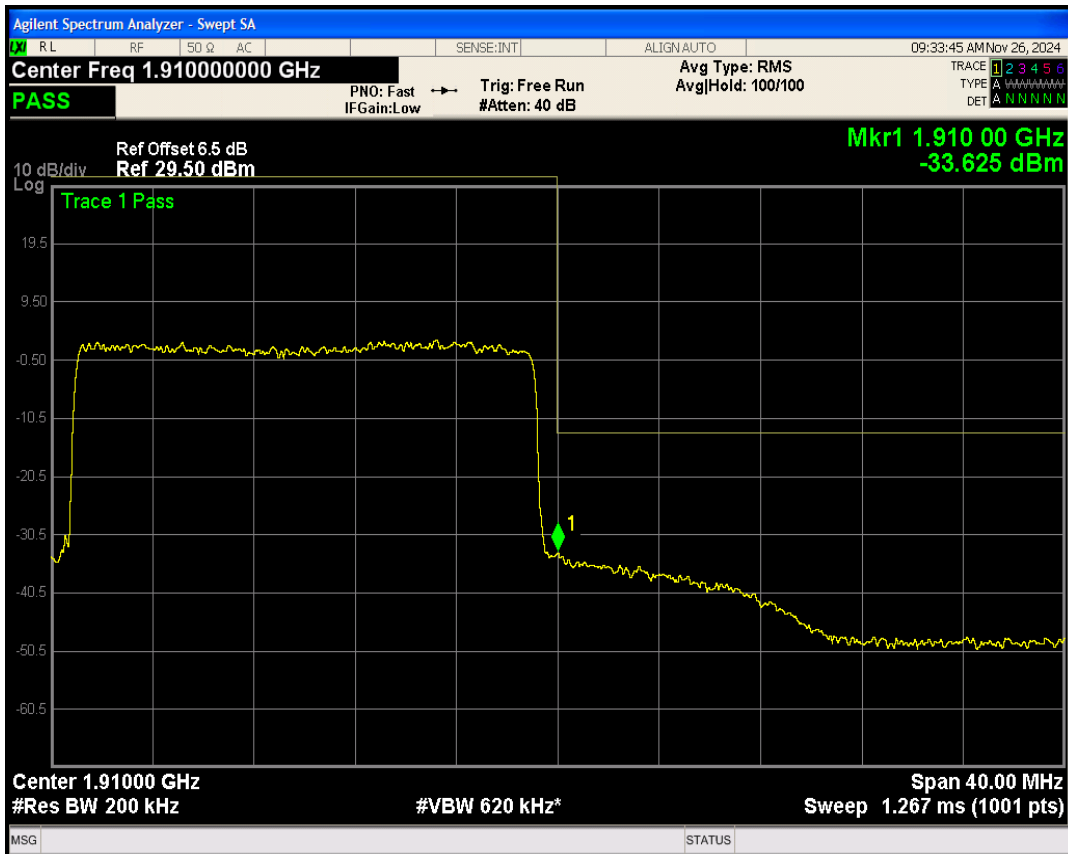
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



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



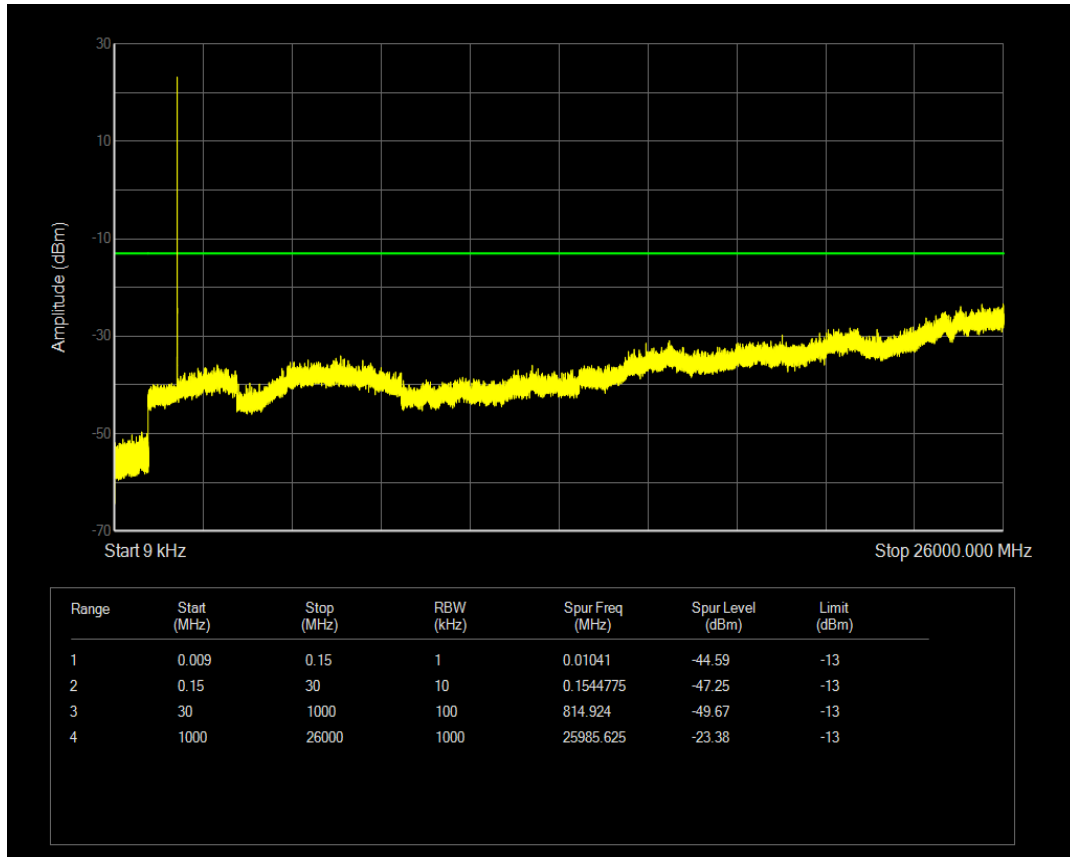
Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



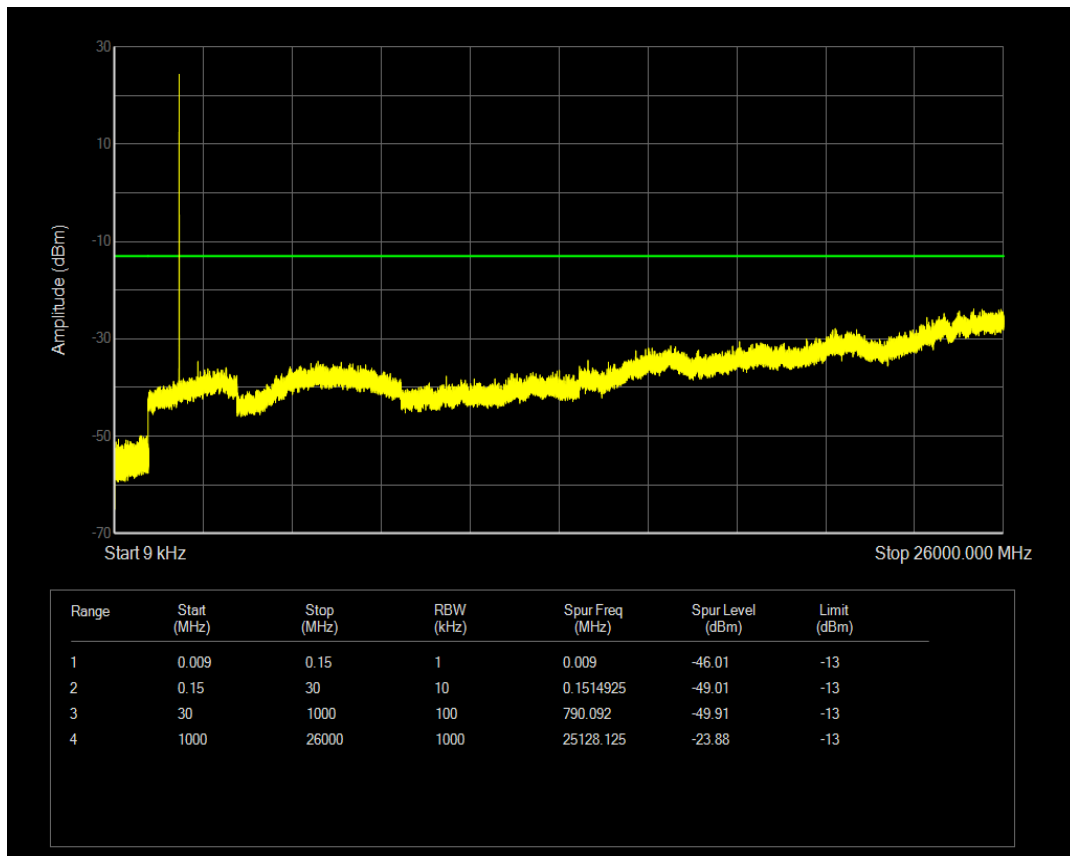
Appendix 6. Out-of-band emissions

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	25068.13	-23.04	-13	PASS
Band2	1.4	18607	6	#0	16QAM	25985.63	-23.38	-13	PASS
Band2	1.4	18900	6	#0	QPSK	25153.13	-23.59	-13	PASS
Band2	1.4	18900	6	#0	16QAM	25521.88	-23.30	-13	PASS
Band2	1.4	19193	6	#0	QPSK	25981.88	-23.19	-13	PASS
Band2	1.4	19193	6	#0	16QAM	25128.13	-23.88	-13	PASS
Band2	3	18615	15	#0	QPSK	25046.25	-23.16	-13	PASS
Band2	3	18615	15	#0	16QAM	25975.63	-23.39	-13	PASS
Band2	3	18900	15	#0	QPSK	25075.00	-23.20	-13	PASS
Band2	3	18900	15	#0	16QAM	25621.25	-23.38	-13	PASS
Band2	3	19185	15	#0	QPSK	25337.50	-23.48	-13	PASS
Band2	3	19185	15	#0	16QAM	25078.75	-22.64	-13	PASS
Band2	5	18625	25	#0	QPSK	25984.38	-23.49	-13	PASS
Band2	5	18625	25	#0	16QAM	25515.00	-23.54	-13	PASS
Band2	5	18900	25	#0	QPSK	25741.88	-22.67	-13	PASS
Band2	5	18900	25	#0	16QAM	25578.13	-23.84	-13	PASS
Band2	5	19175	25	#0	QPSK	25980.63	-22.71	-13	PASS
Band2	5	19175	25	#0	16QAM	25418.75	-23.75	-13	PASS
Band2	10	18650	50	#0	QPSK	25473.75	-23.89	-13	PASS
Band2	10	18900	50	#0	QPSK	25506.25	-22.77	-13	PASS
Band2	10	19150	50	#0	QPSK	25425.00	-22.54	-13	PASS
Band2	15	18675	75	#0	QPSK	25861.88	-23.70	-13	PASS
Band2	15	18900	75	#0	QPSK	25116.25	-22.13	-13	PASS
Band2	15	19125	75	#0	QPSK	24783.13	-23.32	-13	PASS
Band2	20	18700	100	#0	QPSK	24683.13	-23.06	-13	PASS
Band2	20	18900	100	#0	QPSK	25867.50	-23.93	-13	PASS
Band2	20	19100	100	#0	QPSK	25820.00	-23.76	-13	PASS

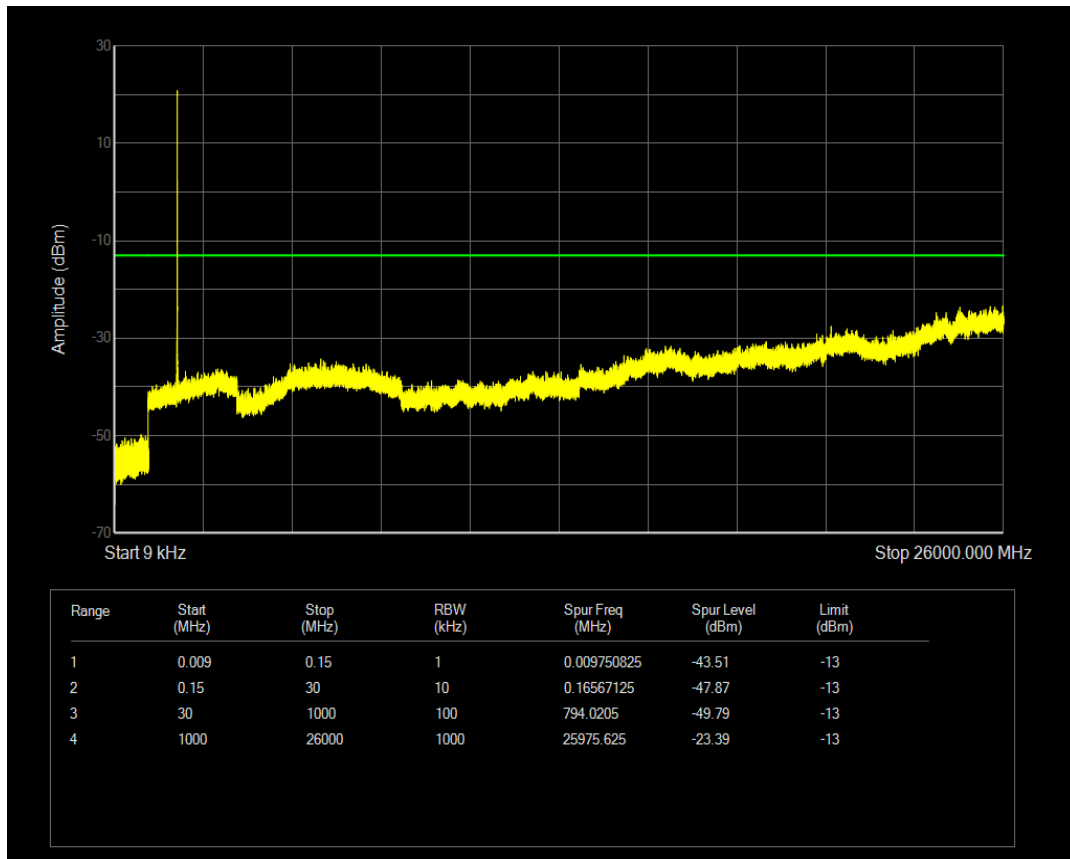
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



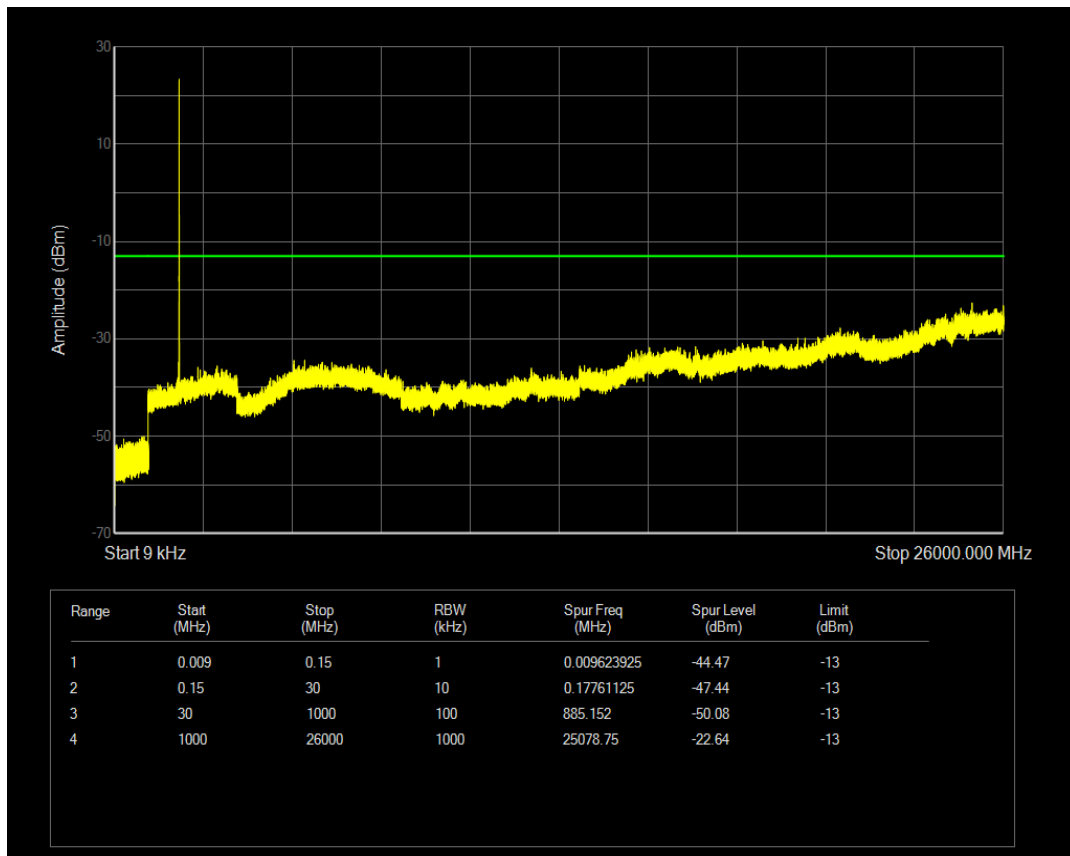
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



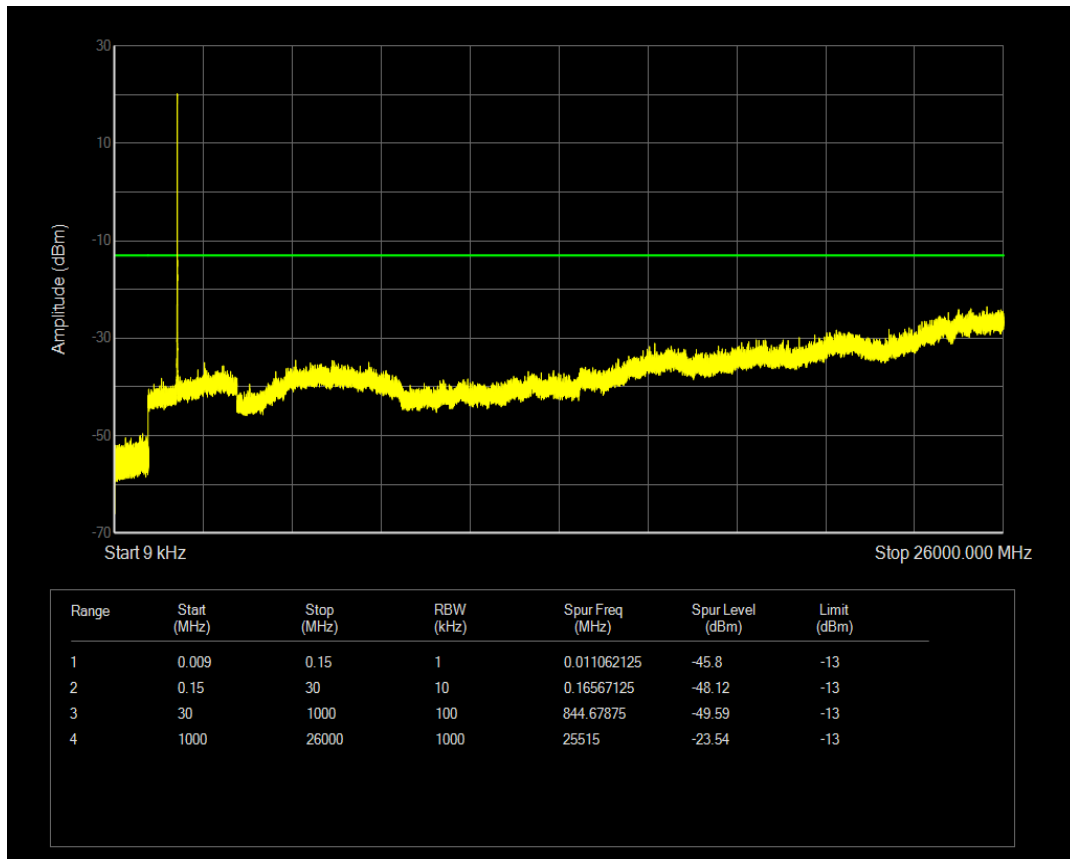
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



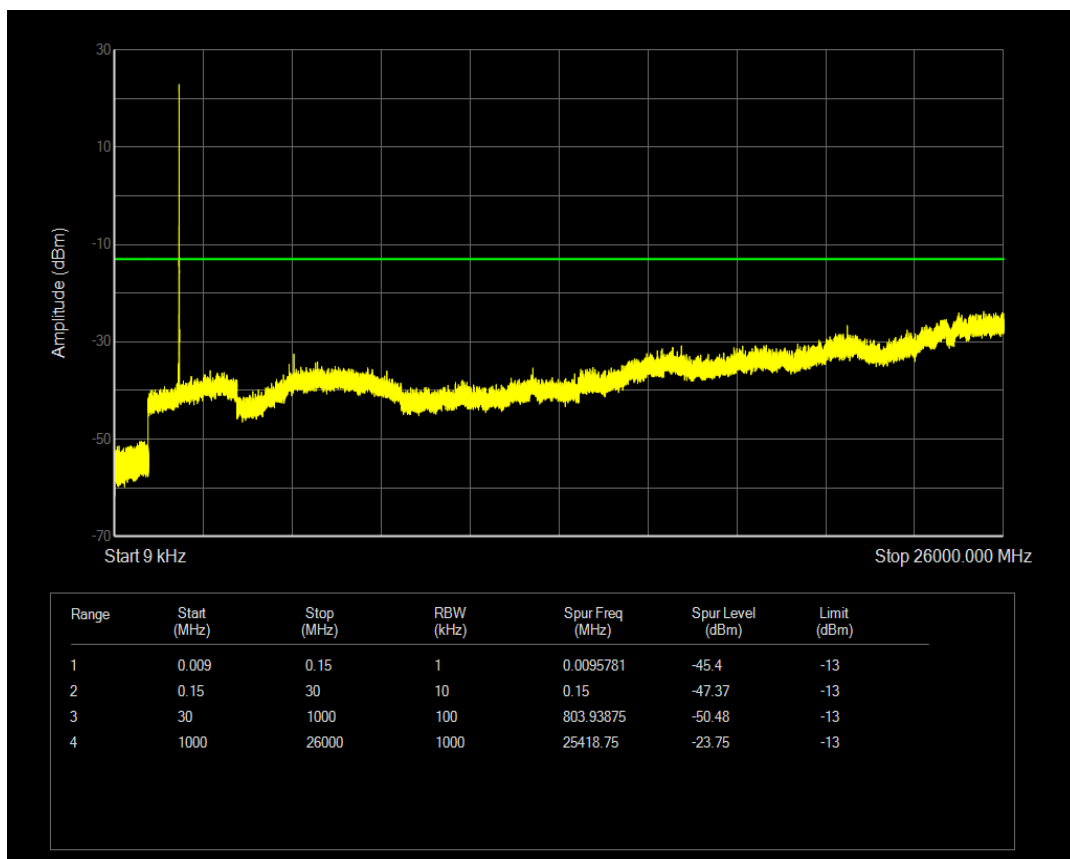
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



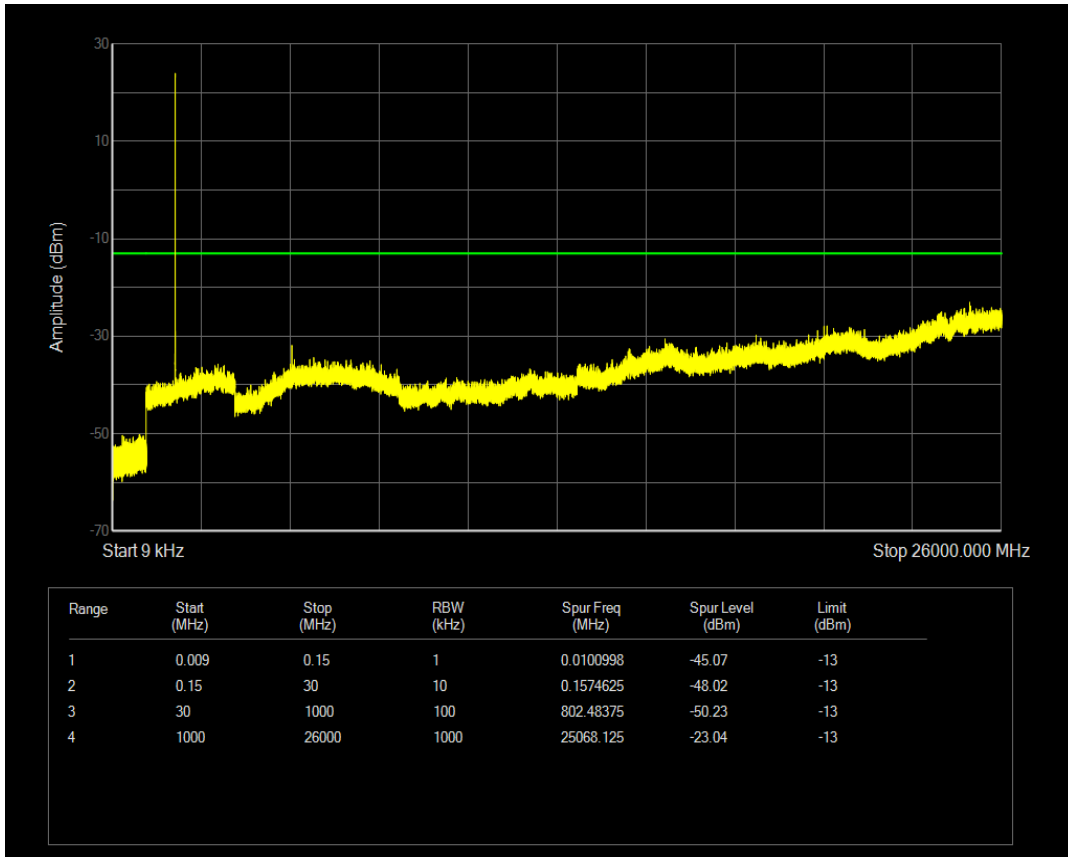
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



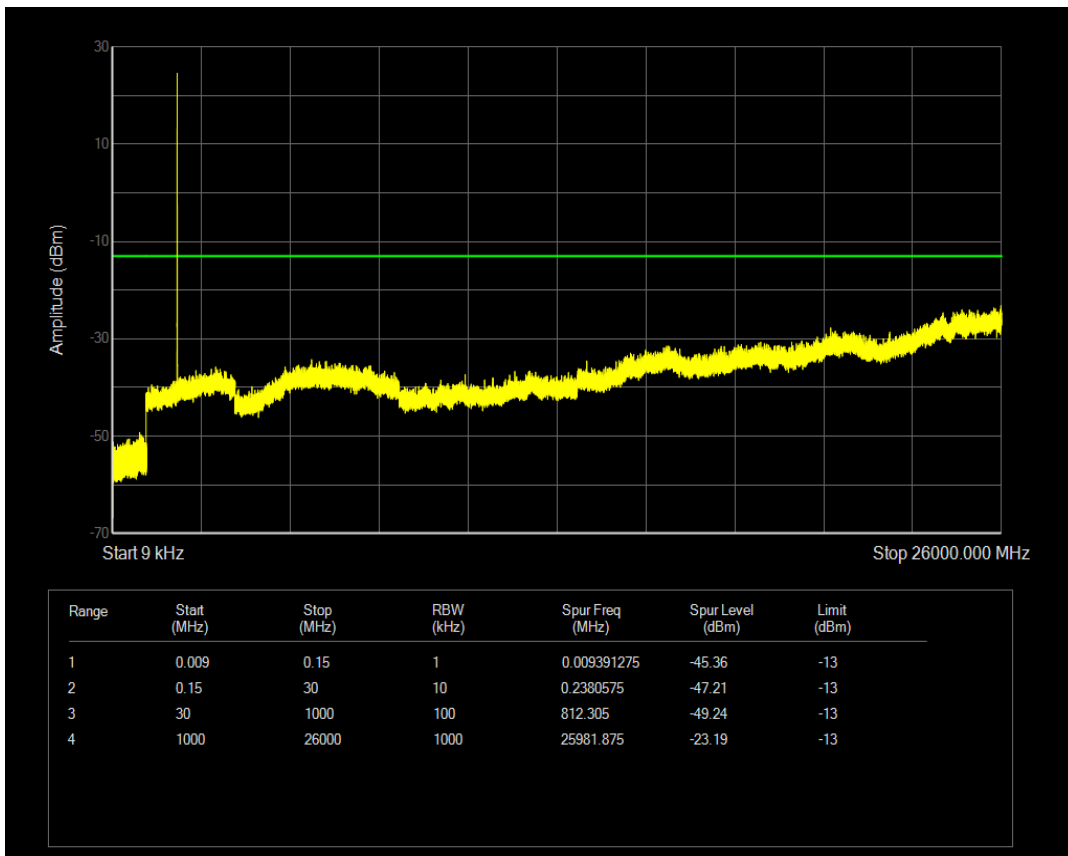
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



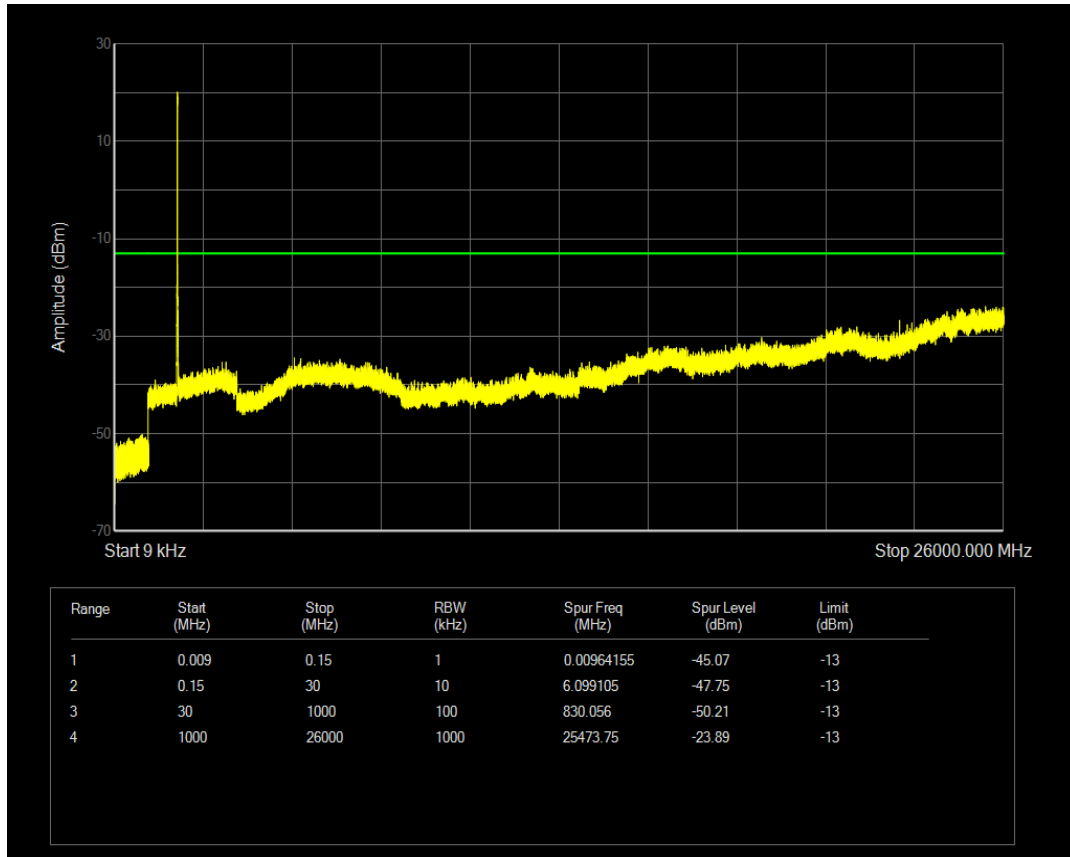
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



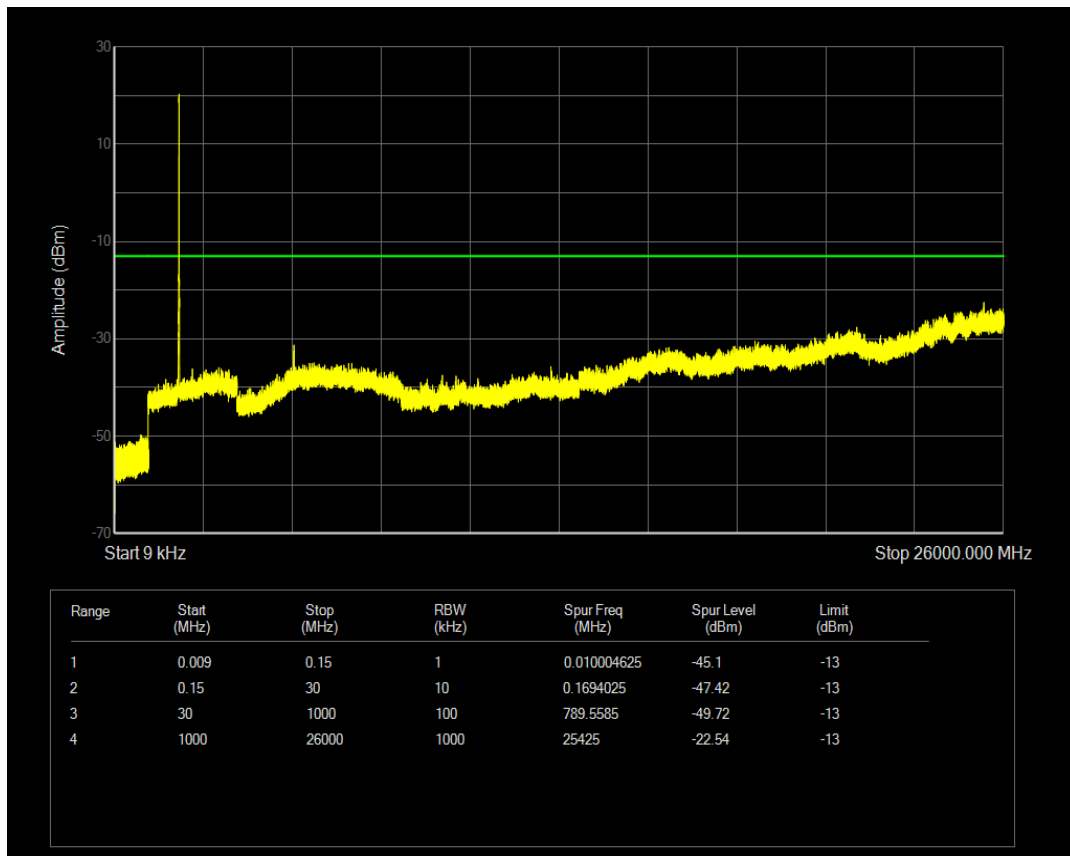
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



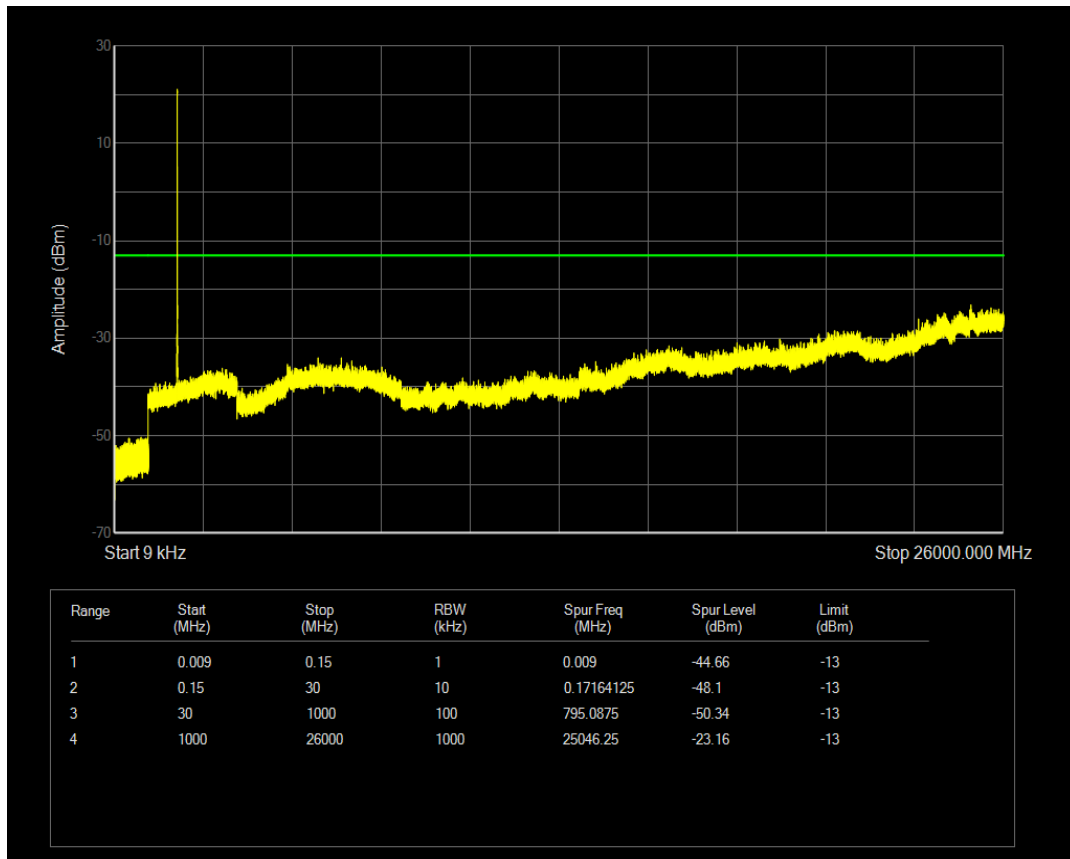
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



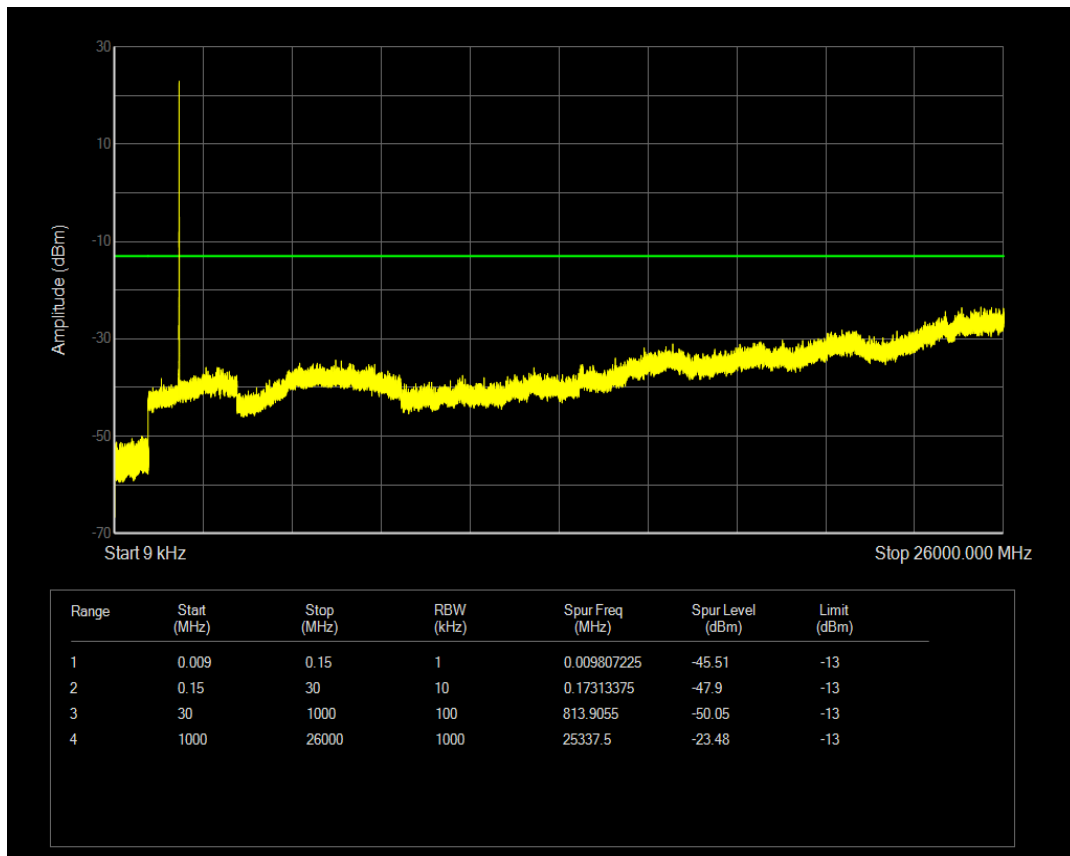
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



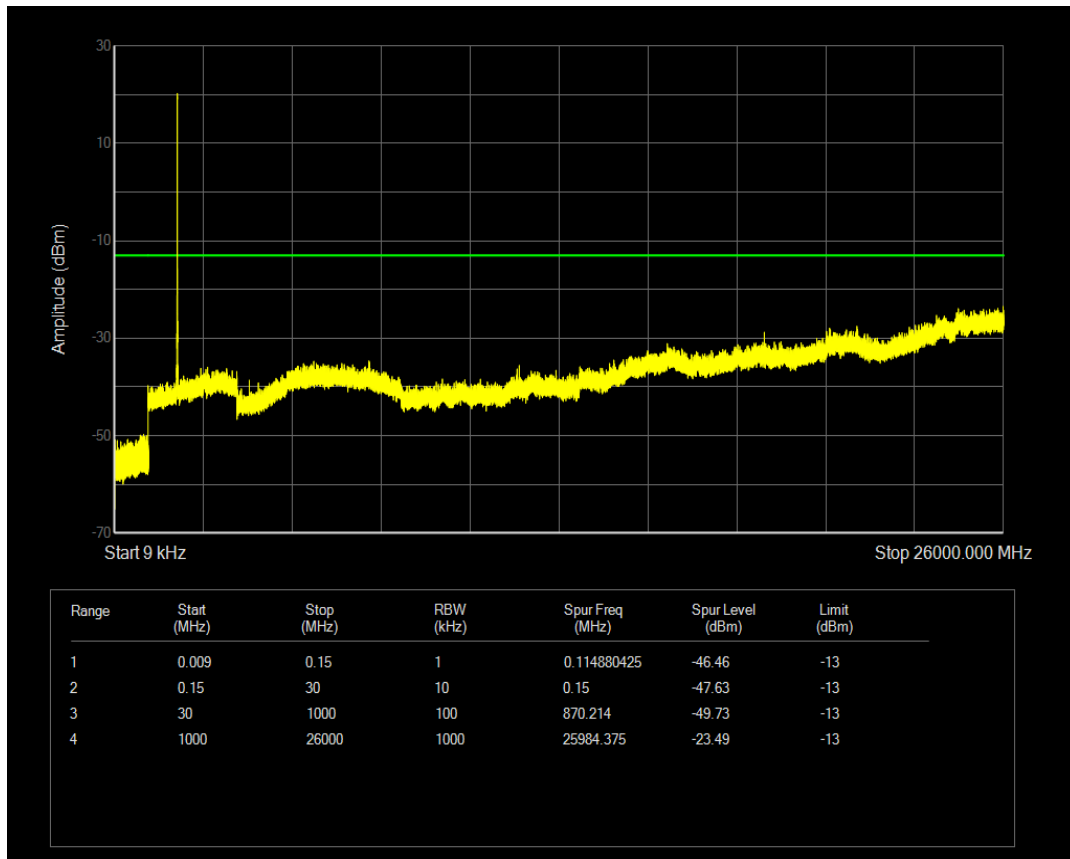
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



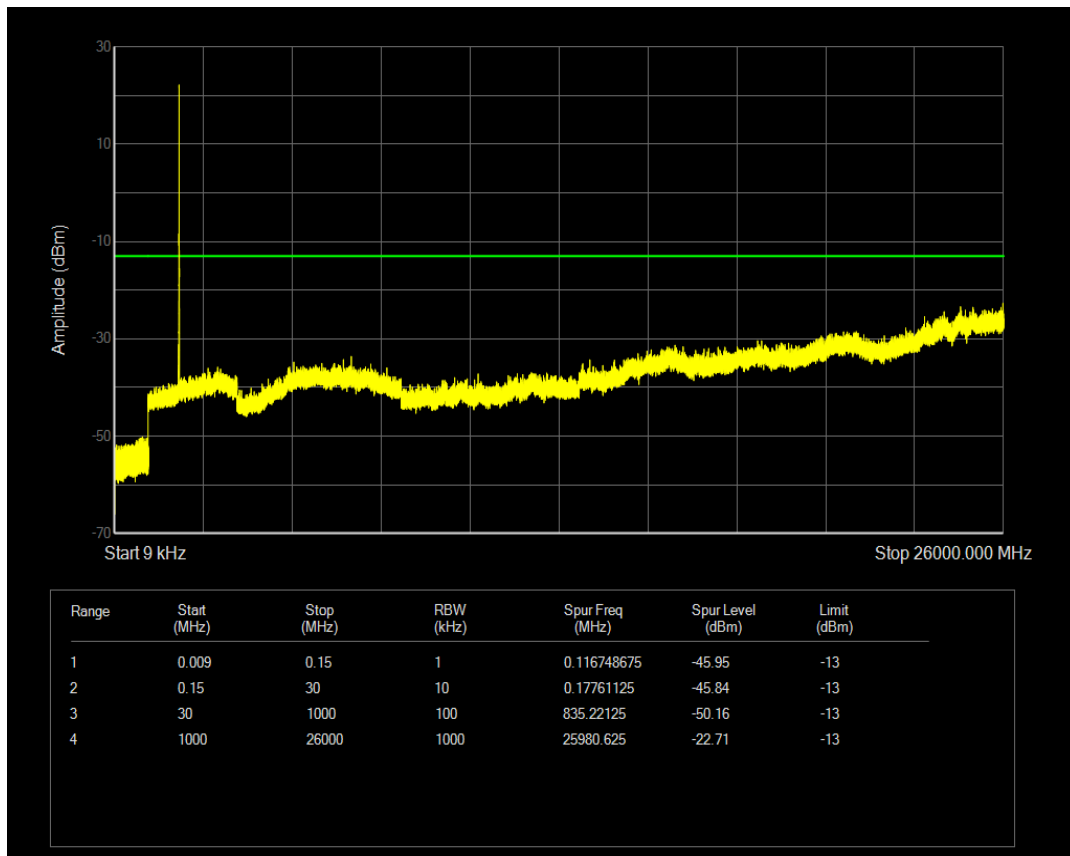
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



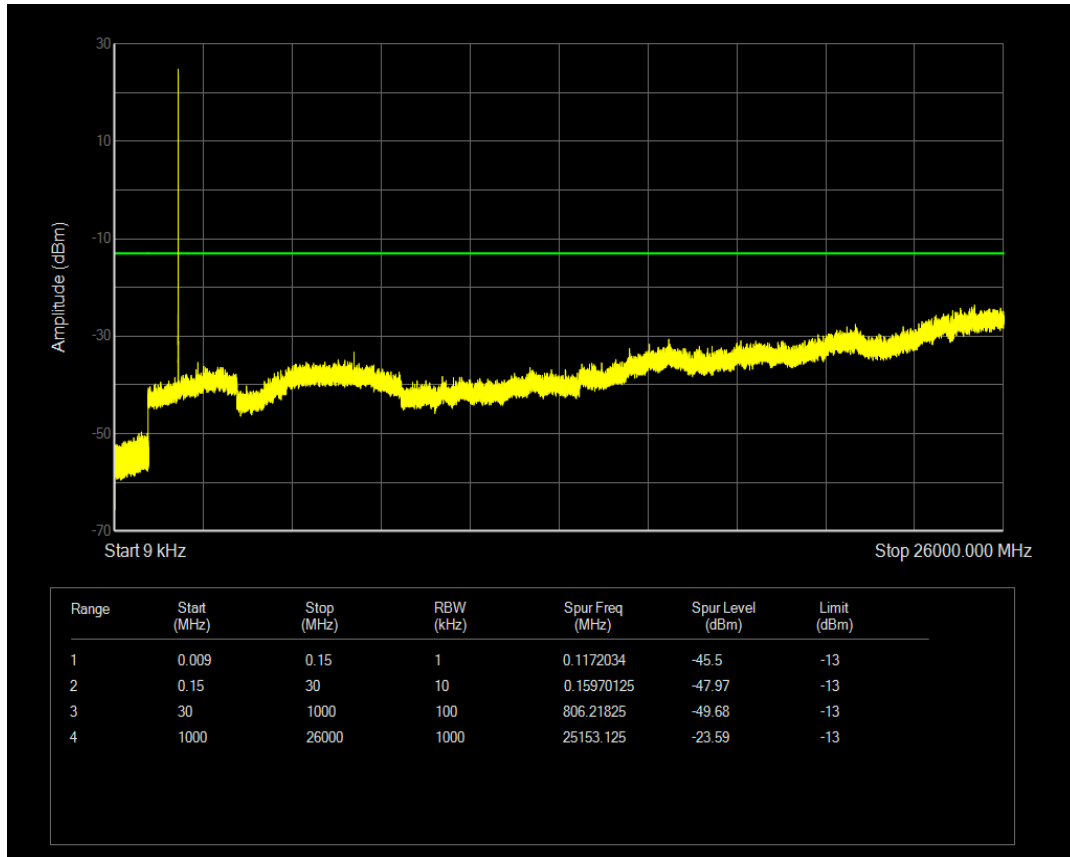
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



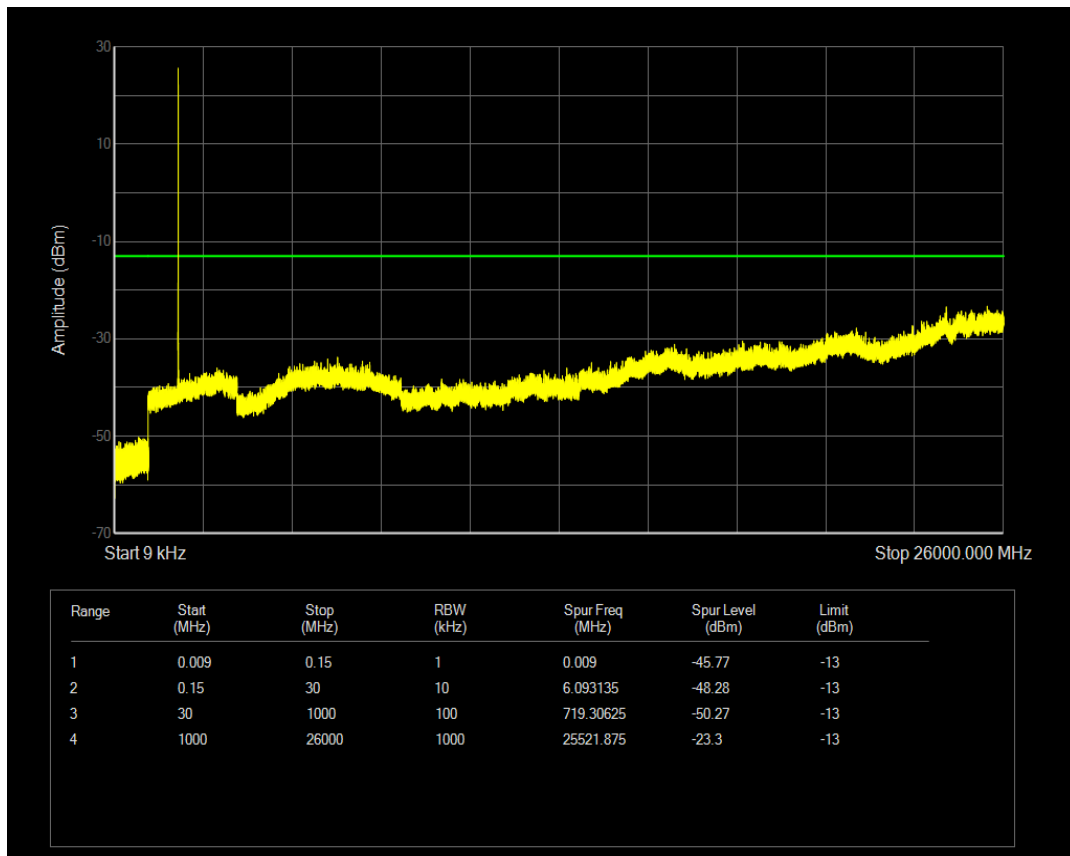
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



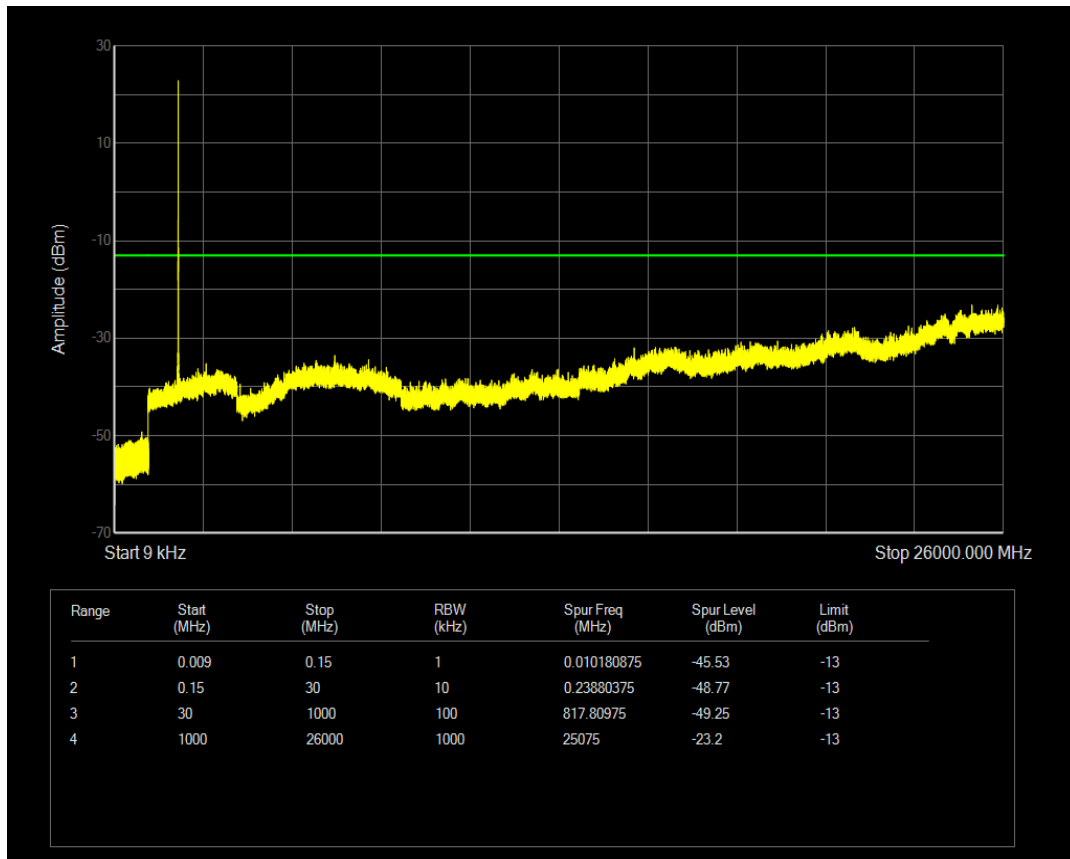
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



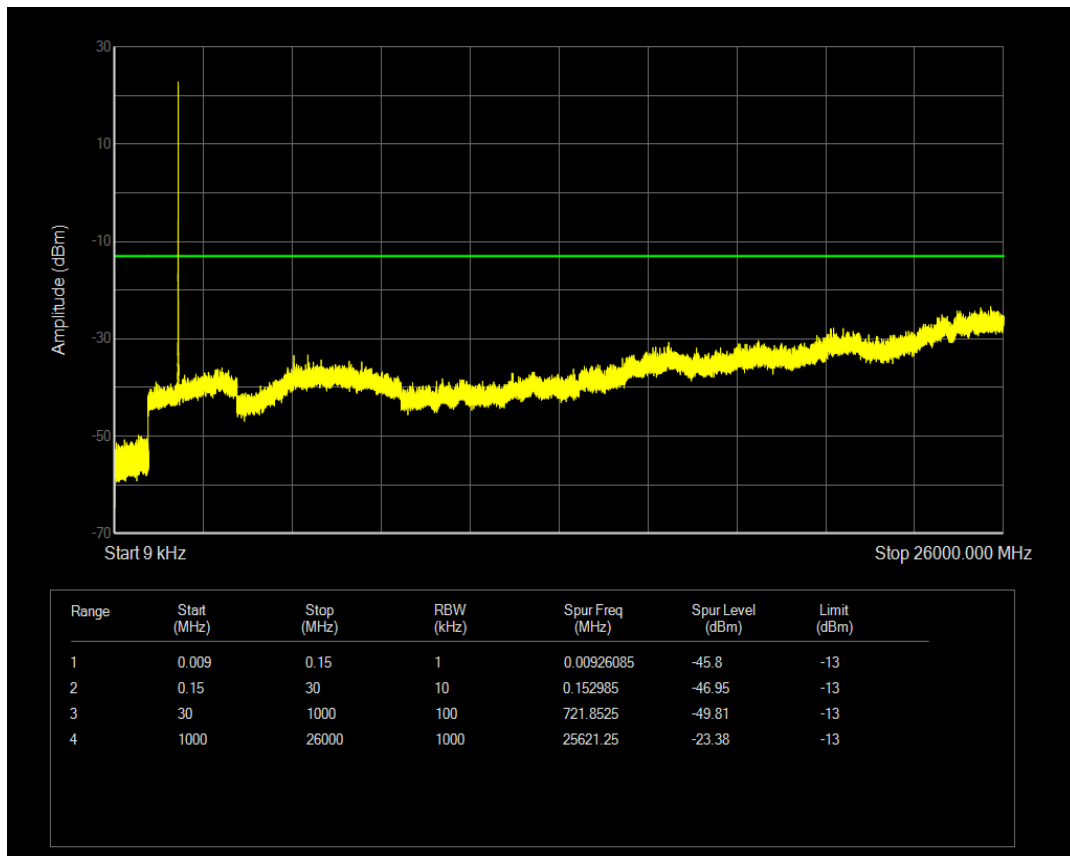
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



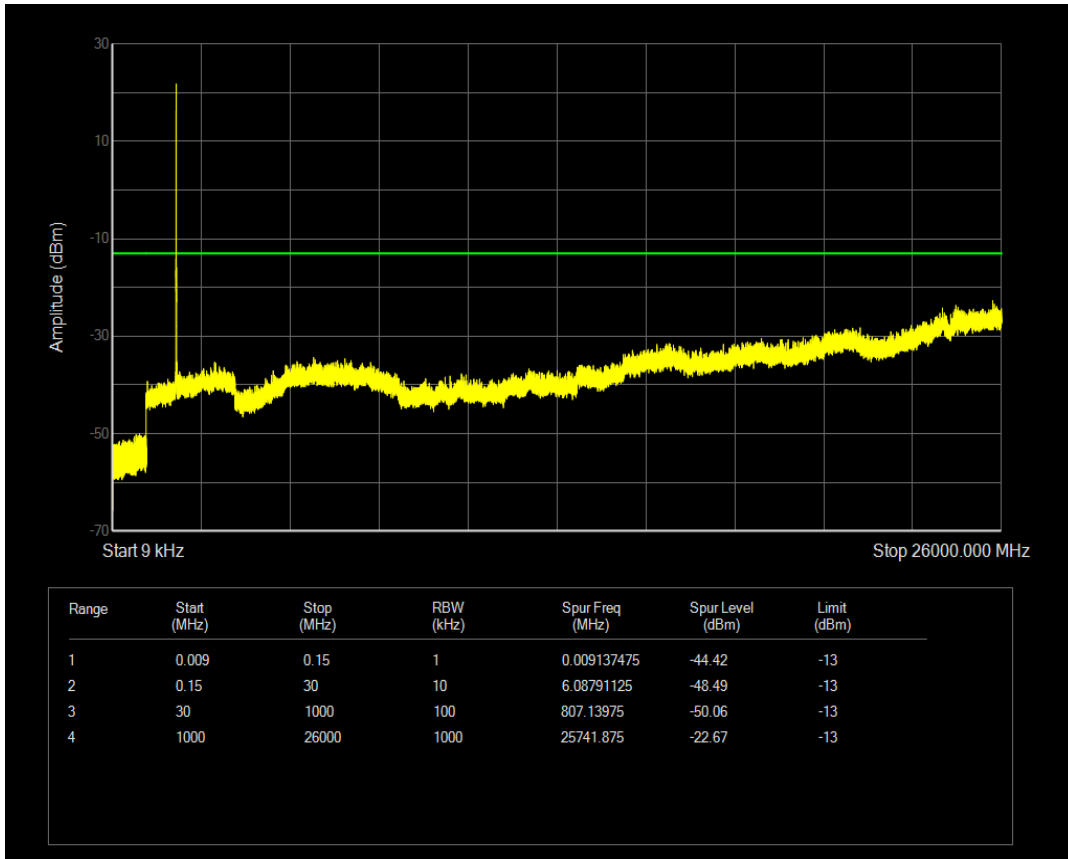
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



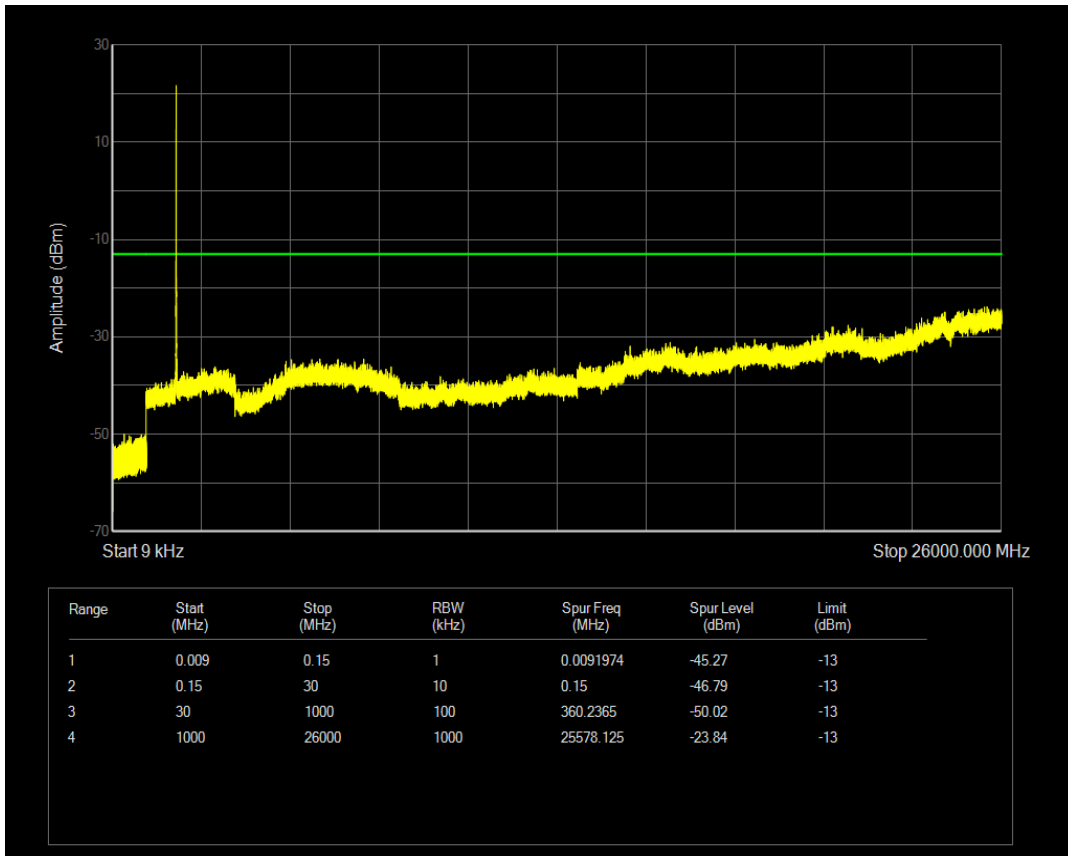
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



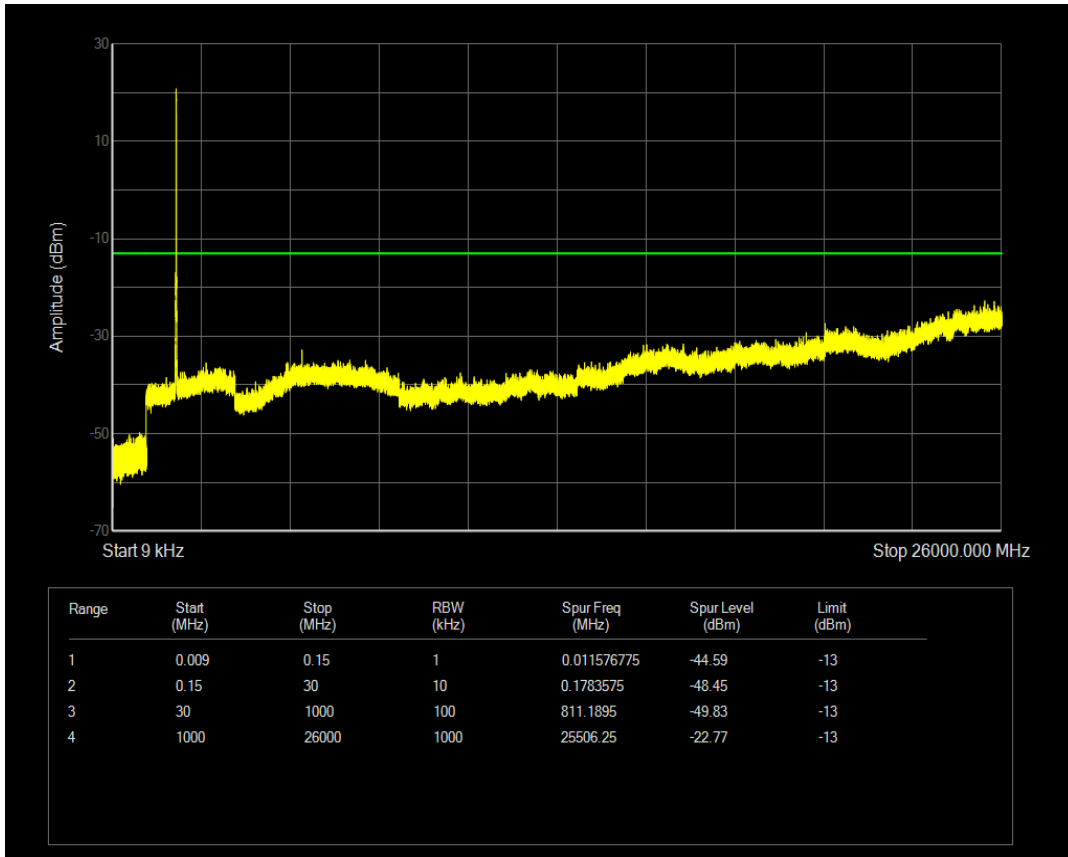
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



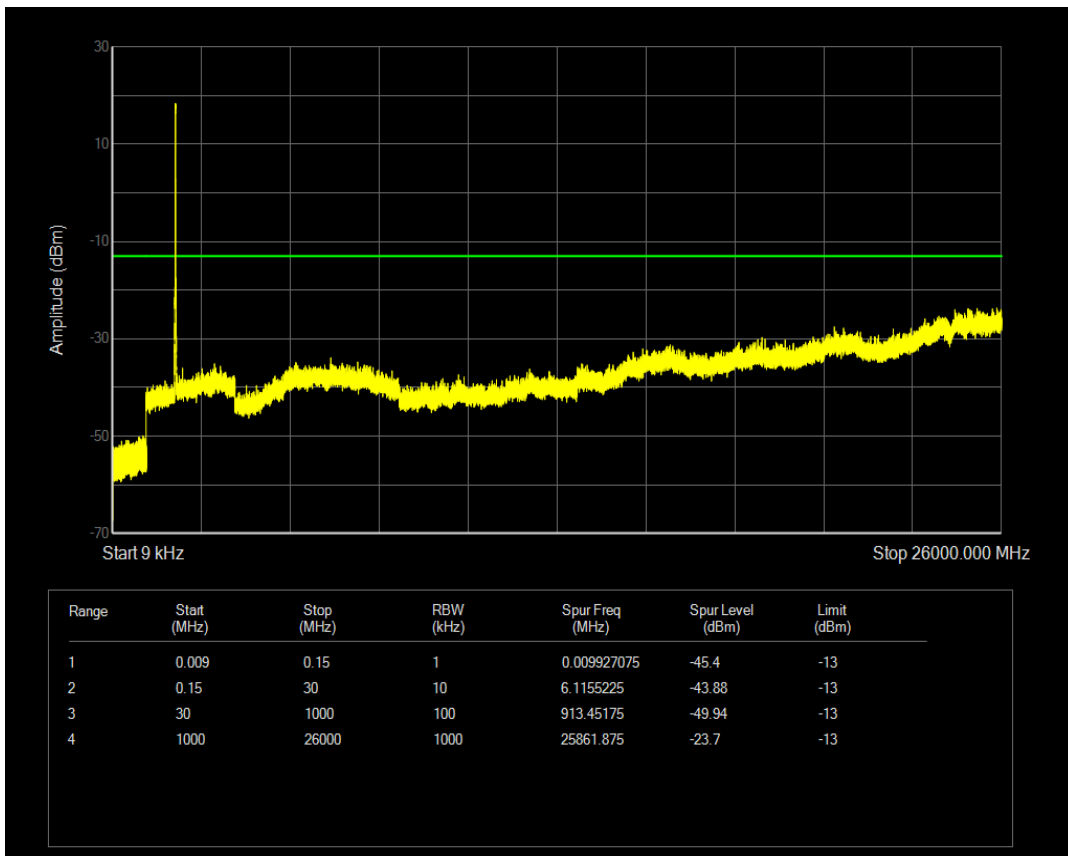
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



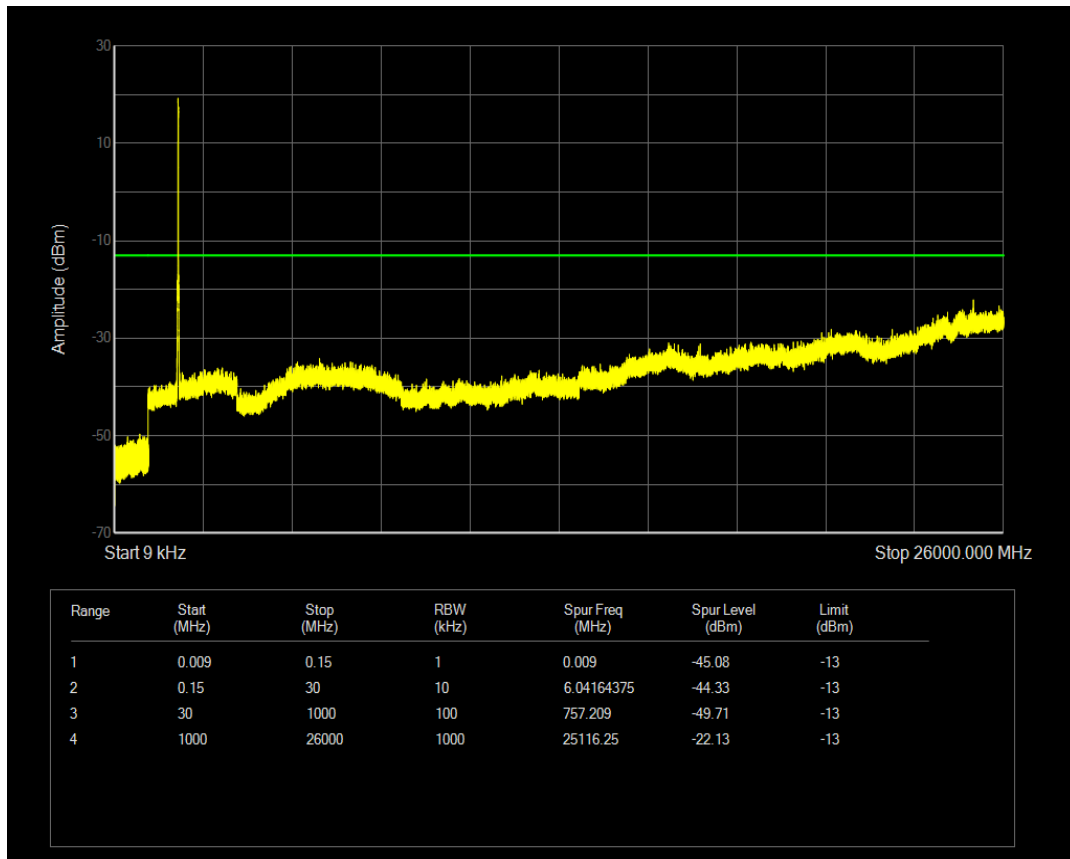
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



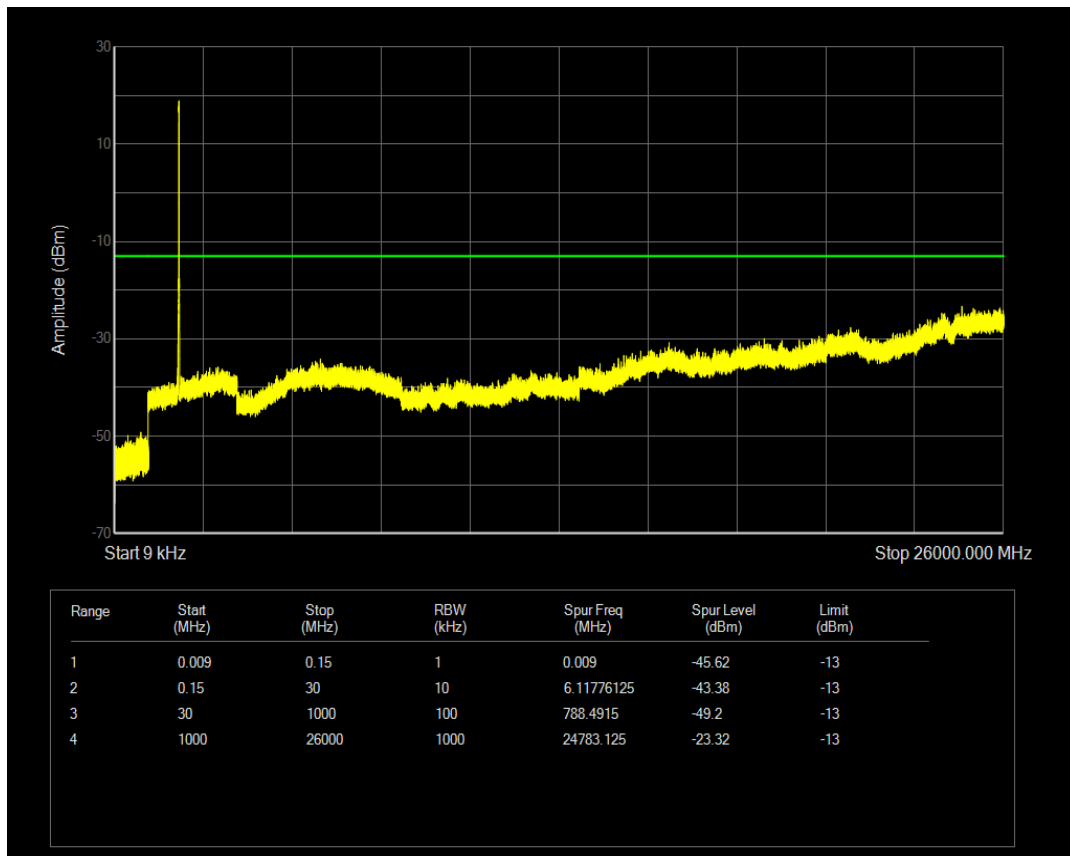
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



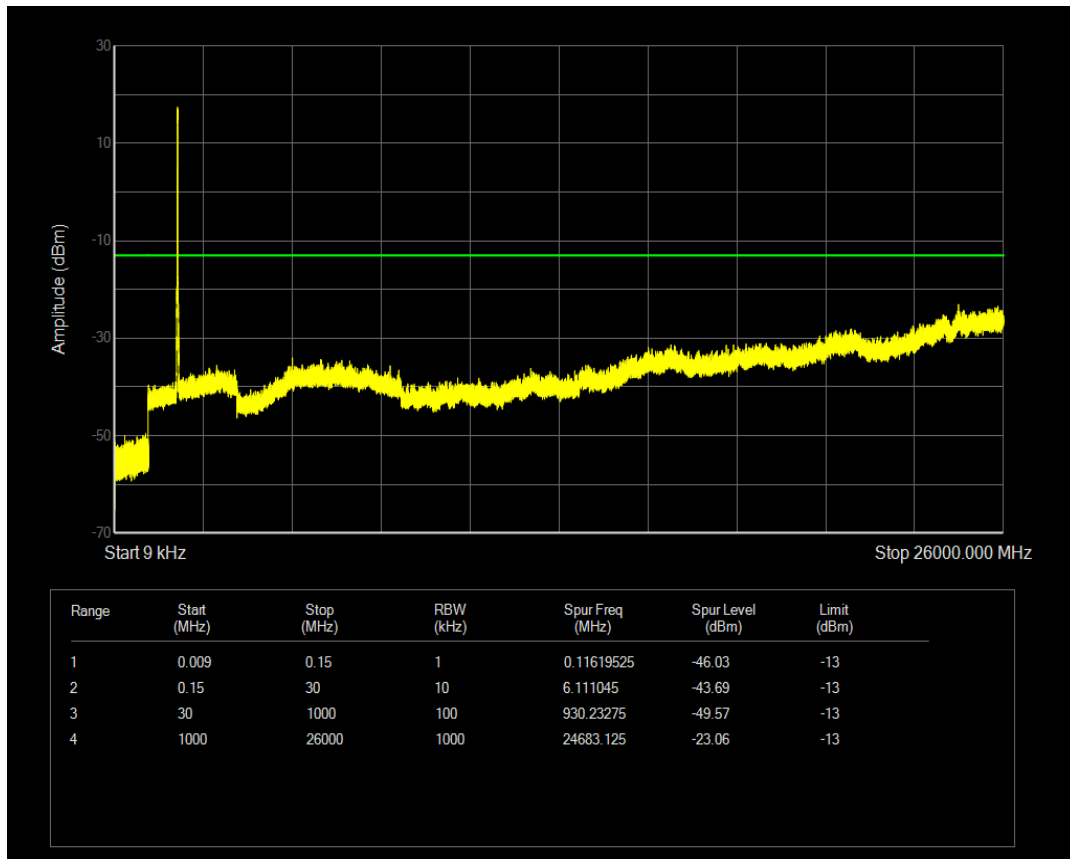
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



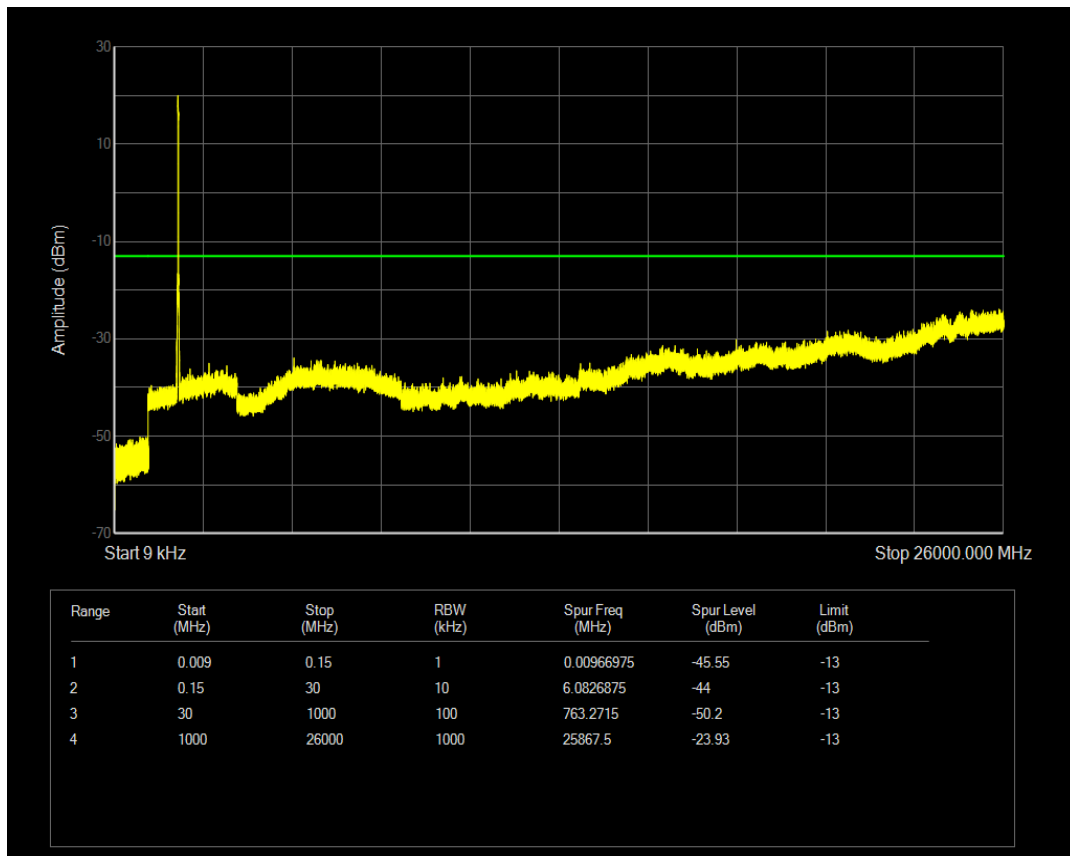
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



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

