

FCC ID: 2A4FB-BP-M13

Appendix-BAND2

1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted Power (dBm)	EIRP Limit (mW)	Verdict
Band2	1.4	18607	1	#0	QPSK	13.45	33.01	PASS
Band2	1.4	18607	1	#Mid	QPSK	13.57	33.01	PASS
Band2	1.4	18607	1	#Max	QPSK	13.68	33.01	PASS
Band2	1.4	18607	3	#0	QPSK	13.46	33.01	PASS
Band2	1.4	18607	3	#Max	QPSK	13.61	33.01	PASS
Band2	1.4	18607	6	#0	QPSK	12.74	33.01	PASS
Band2	1.4	18607	1	#0	QAM16	12.65	33.01	PASS
Band2	1.4	18607	1	#Mid	QAM16	12.70	33.01	PASS
Band2	1.4	18607	1	#Max	QAM16	12.77	33.01	PASS
Band2	1.4	18607	3	#0	QAM16	12.68	33.01	PASS
Band2	1.4	18607	3	#Max	QAM16	12.81	33.01	PASS
Band2	1.4	18607	6	#0	QAM16	11.88	33.01	PASS
Band2	1.4	18900	1	#0	QPSK	13.32	33.01	PASS
Band2	1.4	18900	1	#Mid	QPSK	13.26	33.01	PASS
Band2	1.4	18900	1	#Max	QPSK	13.12	33.01	PASS
Band2	1.4	18900	3	#0	QPSK	13.15	33.01	PASS
Band2	1.4	18900	3	#Max	QPSK	13.05	33.01	PASS
Band2	1.4	18900	6	#0	QPSK	12.31	33.01	PASS
Band2	1.4	18900	1	#0	QAM16	12.44	33.01	PASS
Band2	1.4	18900	1	#Mid	QAM16	12.46	33.01	PASS
Band2	1.4	18900	1	#Max	QAM16	12.35	33.01	PASS
Band2	1.4	18900	3	#0	QAM16	12.49	33.01	PASS
Band2	1.4	18900	3	#Max	QAM16	12.45	33.01	PASS
Band2	1.4	18900	6	#0	QAM16	11.42	33.01	PASS
Band2	1.4	19193	1	#0	QPSK	13.29	33.01	PASS
Band2	1.4	19193	1	#Mid	QPSK	13.74	33.01	PASS
Band2	1.4	19193	1	#Max	QPSK	13.28	33.01	PASS

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Band2	1.4	19193	3	#0	QPSK	13.45	33.01	PASS
Band2	1.4	19193	3	#Max	QPSK	13.25	33.01	PASS
Band2	1.4	19193	6	#0	QPSK	12.66	33.01	PASS
Band2	1.4	19193	1	#0	QAM16	12.61	33.01	PASS
Band2	1.4	19193	1	#Mid	QAM16	12.94	33.01	PASS
Band2	1.4	19193	1	#Max	QAM16	12.73	33.01	PASS
Band2	1.4	19193	3	#0	QAM16	12.55	33.01	PASS
Band2	1.4	19193	3	#Max	QAM16	12.89	33.01	PASS
Band2	1.4	19193	6	#0	QAM16	11.58	33.01	PASS
Band2	3	18615	1	#0	QPSK	13.34	33.01	PASS
Band2	3	18615	1	#Mid	QPSK	13.69	33.01	PASS
Band2	3	18615	1	#Max	QPSK	13.76	33.01	PASS
Band2	3	18615	8	#0	QPSK	12.58	33.01	PASS
Band2	3	18615	8	#Max	QPSK	12.88	33.01	PASS
Band2	3	18615	15	#0	QPSK	12.75	33.01	PASS
Band2	3	18615	1	#0	QAM16	12.80	33.01	PASS
Band2	3	18615	1	#Mid	QAM16	13.12	33.01	PASS
Band2	3	18615	1	#Max	QAM16	13.26	33.01	PASS
Band2	3	18615	8	#0	QAM16	11.81	33.01	PASS
Band2	3	18615	8	#Max	QAM16	12.23	33.01	PASS
Band2	3	18615	15	#0	QAM16	11.91	33.01	PASS
Band2	3	18900	1	#0	QPSK	13.20	33.01	PASS
Band2	3	18900	1	#Mid	QPSK	13.12	33.01	PASS
Band2	3	18900	1	#Max	QPSK	12.86	33.01	PASS
Band2	3	18900	8	#0	QPSK	12.32	33.01	PASS
Band2	3	18900	8	#Max	QPSK	12.25	33.01	PASS
Band2	3	18900	15	#0	QPSK	12.31	33.01	PASS
Band2	3	18900	1	#0	QAM16	12.35	33.01	PASS
Band2	3	18900	1	#Mid	QAM16	12.26	33.01	PASS
Band2	3	18900	1	#Max	QAM16	12.06	33.01	PASS
Band2	3	18900	8	#0	QAM16	11.48	33.01	PASS
Band2	3	18900	8	#Max	QAM16	11.30	33.01	PASS
Band2	3	18900	15	#0	QAM16	11.41	33.01	PASS
Band2	3	19185	1	#0	QPSK	13.19	33.01	PASS
Band2	3	19185	1	#Mid	QPSK	13.25	33.01	PASS
Band2	3	19185	1	#Max	QPSK	13.13	33.01	PASS
Band2	3	19185	8	#0	QPSK	12.30	33.01	PASS
Band2	3	19185	8	#Max	QPSK	12.51	33.01	PASS
Band2	3	19185	15	#0	QPSK	12.40	33.01	PASS
Band2	3	19185	1	#0	QAM16	12.68	33.01	PASS
Band2	3	19185	1	#Mid	QAM16	12.66	33.01	PASS
Band2	3	19185	1	#Max	QAM16	12.65	33.01	PASS
Band2	3	19185	8	#0	QAM16	11.46	33.01	PASS
Band2	3	19185	8	#Max	QAM16	11.53	33.01	PASS

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Band2	3	19185	15	#0	QAM16	11.46	33.01	PASS
Band2	5	18625	1	#0	QPSK	13.77	33.01	PASS
Band2	5	18625	1	#Mid	QPSK	14.10	33.01	PASS
Band2	5	18625	1	#Max	QPSK	14.59	33.01	PASS
Band2	5	18625	12	#0	QPSK	12.83	33.01	PASS
Band2	5	18625	12	#Max	QPSK	13.28	33.01	PASS
Band2	5	18625	25	#0	QPSK	13.05	33.01	PASS
Band2	5	18625	1	#0	QAM16	12.98	33.01	PASS
Band2	5	18625	1	#Mid	QAM16	13.50	33.01	PASS
Band2	5	18625	1	#Max	QAM16	13.97	33.01	PASS
Band2	5	18625	12	#0	QAM16	11.91	33.01	PASS
Band2	5	18625	12	#Max	QAM16	12.35	33.01	PASS
Band2	5	18625	25	#0	QAM16	12.08	33.01	PASS
Band2	5	18900	1	#0	QPSK	13.47	33.01	PASS
Band2	5	18900	1	#Mid	QPSK	13.08	33.01	PASS
Band2	5	18900	1	#Max	QPSK	12.98	33.01	PASS
Band2	5	18900	12	#0	QPSK	12.38	33.01	PASS
Band2	5	18900	12	#Max	QPSK	12.39	33.01	PASS
Band2	5	18900	25	#0	QPSK	12.47	33.01	PASS
Band2	5	18900	1	#0	QAM16	13.30	33.01	PASS
Band2	5	18900	1	#Mid	QAM16	12.88	33.01	PASS
Band2	5	18900	1	#Max	QAM16	12.72	33.01	PASS
Band2	5	18900	12	#0	QAM16	11.67	33.01	PASS
Band2	5	18900	12	#Max	QAM16	11.36	33.01	PASS
Band2	5	18900	25	#0	QAM16	11.52	33.01	PASS
Band2	5	19175	1	#0	QPSK	14.34	33.01	PASS
Band2	5	19175	1	#Mid	QPSK	13.32	33.01	PASS
Band2	5	19175	1	#Max	QPSK	13.26	33.01	PASS
Band2	5	19175	12	#0	QPSK	12.96	33.01	PASS
Band2	5	19175	12	#Max	QPSK	12.46	33.01	PASS
Band2	5	19175	25	#0	QPSK	12.62	33.01	PASS
Band2	5	19175	1	#0	QAM16	13.63	33.01	PASS
Band2	5	19175	1	#Mid	QAM16	12.72	33.01	PASS
Band2	5	19175	1	#Max	QAM16	13.21	33.01	PASS
Band2	5	19175	12	#0	QAM16	12.25	33.01	PASS
Band2	5	19175	12	#Max	QAM16	11.65	33.01	PASS
Band2	5	19175	25	#0	QAM16	11.99	33.01	PASS
Band2	10	18650	1	#0	QPSK	13.44	33.01	PASS
Band2	10	18650	1	#Mid	QPSK	14.54	33.01	PASS
Band2	10	18650	1	#Max	QPSK	16.91	33.01	PASS
Band2	10	18650	25	#0	QPSK	12.77	33.01	PASS
Band2	10	18650	25	#Max	QPSK	14.67	33.01	PASS
Band2	10	18650	50	#0	QPSK	13.82	33.01	PASS
Band2	10	18650	1	#0	QAM16	12.71	33.01	PASS

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Band2	10	18650	1	#Mid	QAM16	13.95	33.01	PASS
Band2	10	18650	1	#Max	QAM16	16.23	33.01	PASS
Band2	10	18650	25	#0	QAM16	11.97	33.01	PASS
Band2	10	18650	25	#Max	QAM16	13.83	33.01	PASS
Band2	10	18900	1	#0	QPSK	14.15	33.01	PASS
Band2	10	18900	1	#Mid	QPSK	13.06	33.01	PASS
Band2	10	18900	1	#Max	QPSK	12.97	33.01	PASS
Band2	10	18900	25	#0	QPSK	12.44	33.01	PASS
Band2	10	18900	25	#Max	QPSK	11.97	33.01	PASS
Band2	10	18900	50	#0	QPSK	12.15	33.01	PASS
Band2	10	18900	1	#0	QAM16	13.35	33.01	PASS
Band2	10	18900	1	#Mid	QAM16	12.40	33.01	PASS
Band2	10	18900	1	#Max	QAM16	12.31	33.01	PASS
Band2	10	18900	25	#0	QAM16	11.46	33.01	PASS
Band2	10	18900	25	#Max	QAM16	11.02	33.01	PASS
Band2	10	19150	1	#0	QPSK	17.19	33.01	PASS
Band2	10	19150	1	#Mid	QPSK	14.43	33.01	PASS
Band2	10	19150	1	#Max	QPSK	13.42	33.01	PASS
Band2	10	19150	25	#0	QPSK	14.79	33.01	PASS
Band2	10	19150	25	#Max	QPSK	12.62	33.01	PASS
Band2	10	19150	50	#0	QPSK	14.06	33.01	PASS
Band2	10	19150	1	#0	QAM16	16.57	33.01	PASS
Band2	10	19150	1	#Mid	QAM16	13.84	33.01	PASS
Band2	10	19150	1	#Max	QAM16	12.81	33.01	PASS
Band2	10	19150	25	#0	QAM16	13.84	33.01	PASS
Band2	10	19150	25	#Max	QAM16	11.72	33.01	PASS
Band2	15	18675	1	#0	QPSK	13.62	33.01	PASS
Band2	15	18675	1	#Mid	QPSK	16.09	33.01	PASS
Band2	15	18675	1	#Max	QPSK	18.12	33.01	PASS
Band2	15	18675	36	#0	QPSK	13.64	33.01	PASS
Band2	15	18675	36	#Max	QPSK	16.90	33.01	PASS
Band2	15	18675	75	#0	QPSK	15.80	33.01	PASS
Band2	15	18675	1	#0	QAM16	13.00	33.01	PASS
Band2	15	18675	1	#Mid	QAM16	15.49	33.01	PASS
Band2	15	18675	1	#Max	QAM16	17.59	33.01	PASS
Band2	15	18675	27	#0	QAM16	12.34	33.01	PASS
Band2	15	18675	27	#Max	QAM16	16.16	33.01	PASS
Band2	15	18900	1	#0	QPSK	14.79	33.01	PASS
Band2	15	18900	1	#Mid	QPSK	13.00	33.01	PASS
Band2	15	18900	1	#Max	QPSK	13.34	33.01	PASS
Band2	15	18900	36	#0	QPSK	13.02	33.01	PASS
Band2	15	18900	36	#Max	QPSK	12.18	33.01	PASS
Band2	15	18900	75	#0	QPSK	12.58	33.01	PASS
Band2	15	18900	1	#0	QAM16	13.97	33.01	PASS

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Band2	15	18900	1	#Mid	QAM16	12.29	33.01	PASS
Band2	15	18900	1	#Max	QAM16	12.62	33.01	PASS
Band2	15	18900	27	#0	QAM16	12.19	33.01	PASS
Band2	15	18900	27	#Max	QAM16	11.31	33.01	PASS
Band2	15	19125	1	#0	QPSK	17.87	33.01	PASS
Band2	15	19125	1	#Mid	QPSK	15.08	33.01	PASS
Band2	15	19125	1	#Max	QPSK	13.38	33.01	PASS
Band2	15	19125	36	#0	QPSK	16.82	33.01	PASS
Band2	15	19125	36	#Max	QPSK	13.12	33.01	PASS
Band2	15	19125	75	#0	QPSK	15.43	33.01	PASS
Band2	15	19125	1	#0	QAM16	17.33	33.01	PASS
Band2	15	19125	1	#Mid	QAM16	15.16	33.01	PASS
Band2	15	19125	1	#Max	QAM16	12.89	33.01	PASS
Band2	15	19125	27	#0	QAM16	16.37	33.01	PASS
Band2	15	19125	27	#Max	QAM16	12.00	33.01	PASS
Band2	20	18700	1	#0	QPSK	13.58	33.01	PASS
Band2	20	18700	1	#Mid	QPSK	17.49	33.01	PASS
Band2	20	18700	1	#Max	QPSK	16.85	33.01	PASS
Band2	20	18700	50	#0	QPSK	14.37	33.01	PASS
Band2	20	18700	50	#Max	QPSK	16.84	33.01	PASS
Band2	20	18700	100	#0	QPSK	16.25	33.01	PASS
Band2	20	18700	1	#0	QAM16	12.87	33.01	PASS
Band2	20	18700	1	#Mid	QAM16	16.77	33.01	PASS
Band2	20	18700	1	#Max	QAM16	16.14	33.01	PASS
Band2	20	18700	27	#0	QAM16	12.28	33.01	PASS
Band2	20	18700	27	#Max	QAM16	15.95	33.01	PASS
Band2	20	18900	1	#0	QPSK	15.74	33.01	PASS
Band2	20	18900	1	#Mid	QPSK	12.93	33.01	PASS
Band2	20	18900	1	#Max	QPSK	14.02	33.01	PASS
Band2	20	18900	50	#0	QPSK	13.25	33.01	PASS
Band2	20	18900	50	#Max	QPSK	12.29	33.01	PASS
Band2	20	18900	100	#0	QPSK	12.79	33.01	PASS
Band2	20	18900	1	#0	QAM16	14.71	33.01	PASS
Band2	20	18900	1	#Mid	QAM16	12.07	33.01	PASS
Band2	20	18900	1	#Max	QAM16	13.10	33.01	PASS
Band2	20	18900	27	#0	QAM16	12.75	33.01	PASS
Band2	20	18900	27	#Max	QAM16	11.46	33.01	PASS
Band2	20	19100	1	#0	QPSK	15.17	33.01	PASS
Band2	20	19100	1	#Mid	QPSK	17.10	33.01	PASS
Band2	20	19100	1	#Max	QPSK	13.14	33.01	PASS
Band2	20	19100	50	#0	QPSK	16.61	33.01	PASS
Band2	20	19100	50	#Max	QPSK	14.08	33.01	PASS
Band2	20	19100	100	#0	QPSK	15.47	33.01	PASS
Band2	20	19100	1	#0	QAM16	14.16	33.01	PASS

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Band2	20	19100	1	#Mid	QAM16	16.21	33.01	PASS
Band2	20	19100	1	#Max	QAM16	12.05	33.01	PASS
Band2	20	19100	27	#0	QAM16	14.74	33.01	PASS
Band2	20	19100	27	#Max	QAM16	11.68	33.01	PASS

2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band2	20	18700	100	#0	QPSK	VL	NT	-24.23	-0.013	±2.5	PASS
Band2	20	18700	100	#0	QPSK	VN	NT	-25.37	-0.014	±2.5	PASS
Band2	20	18700	100	#0	QPSK	VH	NT	-25.07	-0.013	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	50	-22.87	-0.012	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	40	-20.34	-0.011	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	30	-22.77	-0.012	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	20	-20.29	-0.011	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	10	-21.90	-0.012	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	0	-21.21	-0.011	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	-10	-24.77	-0.013	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	-20	-18.03	-0.010	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	-30	-21.71	-0.012	±2.5	PASS
Band2	20	18700	27	#0	QAM16	VL	NT	-21.72	-0.012	±2.5	PASS
Band2	20	18700	27	#0	QAM16	VN	NT	-23.97	-0.013	±2.5	PASS
Band2	20	18700	27	#0	QAM16	VH	NT	-22.07	-0.012	±2.5	PASS
Band2	20	18700	27	#0	QAM16	NV	50	-20.45	-0.011	±2.5	PASS
Band2	20	18700	27	#0	QAM16	NV	40	-20.97	-0.011	±2.5	PASS
Band2	20	18700	27	#0	QAM16	NV	30	-20.39	-0.011	±2.5	PASS
Band2	20	18700	27	#0	QAM16	NV	20	-21.87	-0.012	±2.5	PASS
Band2	20	18700	27	#0	QAM16	NV	10	-21.42	-0.012	±2.5	PASS
Band2	20	18700	27	#0	QAM16	NV	0	-20.55	-0.011	±2.5	PASS
Band2	20	18700	27	#0	QAM16	NV	-10	-20.99	-0.011	±2.5	PASS
Band2	20	18700	27	#0	QAM16	NV	-20	-20.09	-0.011	±2.5	PASS
Band2	20	18700	27	#0	QAM16	NV	-30	-19.16	-0.010	±2.5	PASS
Band2	20	18900	100	#0	QPSK	VL	NT	-20.49	-0.011	±2.5	PASS
Band2	20	18900	100	#0	QPSK	VN	NT	-19.88	-0.011	±2.5	PASS
Band2	20	18900	100	#0	QPSK	VH	NT	-23.68	-0.013	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	50	-21.07	-0.011	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	40	-20.24	-0.011	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	30	-21.80	-0.012	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	20	-21.22	-0.011	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	10	-18.59	-0.010	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	0	-20.55	-0.011	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	-10	-21.75	-0.012	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	-20	-17.73	-0.009	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	-30	-19.69	-0.010	±2.5	PASS
Band2	20	18900	27	#0	QAM16	VL	NT	-18.28	-0.010	±2.5	PASS
Band2	20	18900	27	#0	QAM16	VN	NT	-0.94	-0.001	±2.5	PASS
Band2	20	18900	27	#0	QAM16	VH	NT	9.62	0.005	±2.5	PASS

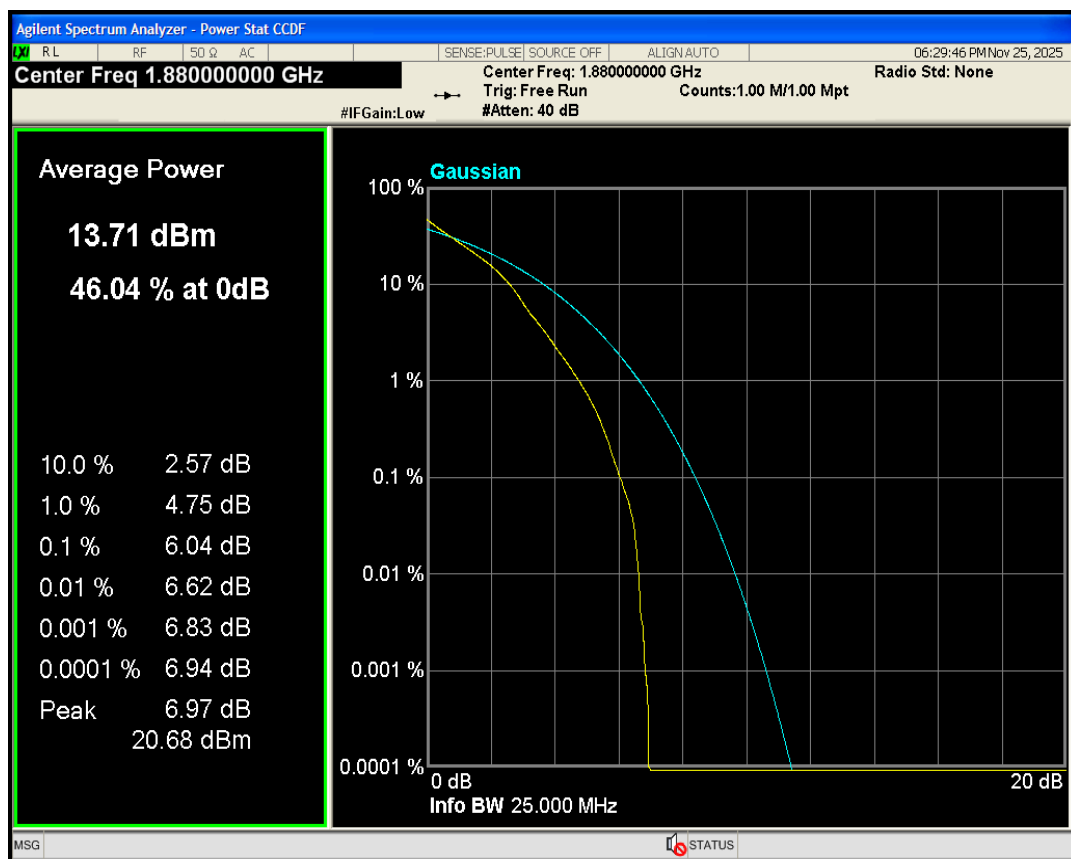
Report

Band2	20	18900	27	#0	QAM16	NV	50	15.60	0.008	±2.5	PASS
Band2	20	18900	27	#0	QAM16	NV	40	20.08	0.011	±2.5	PASS
Band2	20	18900	27	#0	QAM16	NV	30	23.58	0.013	±2.5	PASS
Band2	20	18900	27	#0	QAM16	NV	20	23.41	0.012	±2.5	PASS
Band2	20	18900	27	#0	QAM16	NV	10	6.23	0.003	±2.5	PASS
Band2	20	18900	27	#0	QAM16	NV	0	4.46	0.002	±2.5	PASS
Band2	20	18900	27	#0	QAM16	NV	-10	4.69	0.002	±2.5	PASS
Band2	20	18900	27	#0	QAM16	NV	-20	5.59	0.003	±2.5	PASS
Band2	20	18900	27	#0	QAM16	NV	-30	15.72	0.008	±2.5	PASS
Band2	20	19100	100	#0	QPSK	VL	NT	-17.28	-0.009	±2.5	PASS
Band2	20	19100	100	#0	QPSK	VN	NT	-21.22	-0.011	±2.5	PASS
Band2	20	19100	100	#0	QPSK	VH	NT	-21.42	-0.011	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	50	-18.91	-0.010	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	40	-21.42	-0.011	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	30	-18.43	-0.010	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	20	-20.14	-0.011	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	10	-21.97	-0.012	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	0	-17.42	-0.009	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	-10	-18.42	-0.010	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	-20	-19.65	-0.010	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	-30	-19.02	-0.010	±2.5	PASS
Band2	20	19100	27	#0	QAM16	VL	NT	-18.65	-0.010	±2.5	PASS
Band2	20	19100	27	#0	QAM16	VN	NT	-22.57	-0.012	±2.5	PASS
Band2	20	19100	27	#0	QAM16	VH	NT	-17.91	-0.009	±2.5	PASS
Band2	20	19100	27	#0	QAM16	NV	50	-13.38	-0.007	±2.5	PASS
Band2	20	19100	27	#0	QAM16	NV	40	-22.71	-0.012	±2.5	PASS
Band2	20	19100	27	#0	QAM16	NV	30	-16.02	-0.008	±2.5	PASS
Band2	20	19100	27	#0	QAM16	NV	20	-18.82	-0.010	±2.5	PASS
Band2	20	19100	27	#0	QAM16	NV	10	-16.57	-0.009	±2.5	PASS
Band2	20	19100	27	#0	QAM16	NV	0	-24.13	-0.013	±2.5	PASS
Band2	20	19100	27	#0	QAM16	NV	-10	-13.73	-0.007	±2.5	PASS
Band2	20	19100	27	#0	QAM16	NV	-20	-22.47	-0.012	±2.5	PASS
Band2	20	19100	27	#0	QAM16	NV	-30	-11.11	-0.006	±2.5	PASS

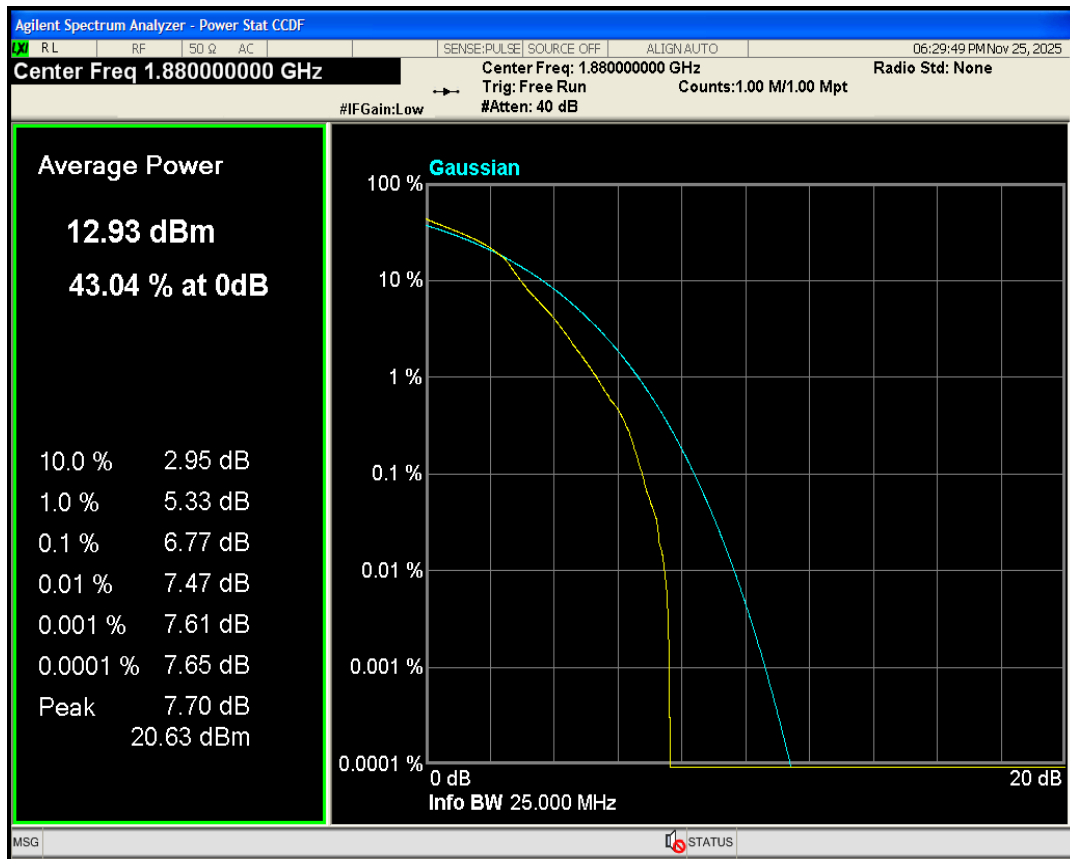
3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18900	1	#0	QPSK	6.04	13	PASS
Band2	1.4	18900	1	#0	QAM16	6.77	13	PASS
Band2	3	18900	1	#0	QPSK	6.04	13	PASS
Band2	3	18900	1	#0	QAM16	6.89	13	PASS
Band2	5	18900	1	#0	QPSK	6.38	13	PASS
Band2	5	18900	1	#0	QAM16	6.44	13	PASS
Band2	10	18900	1	#0	QPSK	5.94	13	PASS
Band2	10	18900	1	#0	QAM16	6.83	13	PASS
Band2	15	18900	1	#0	QPSK	5.83	13	PASS
Band2	15	18900	1	#0	QAM16	6.47	13	PASS
Band2	20	18900	1	#0	QPSK	4.91	13	PASS
Band2	20	18900	1	#0	QAM16	5.42	13	PASS

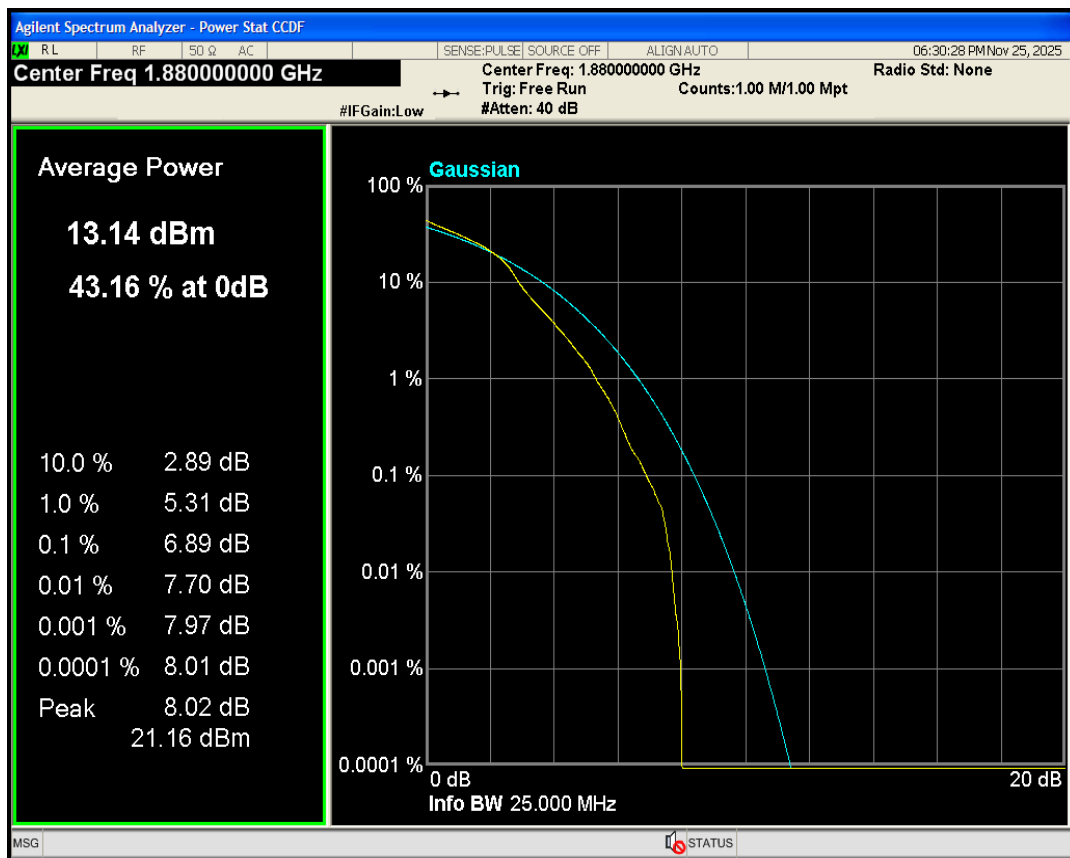
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



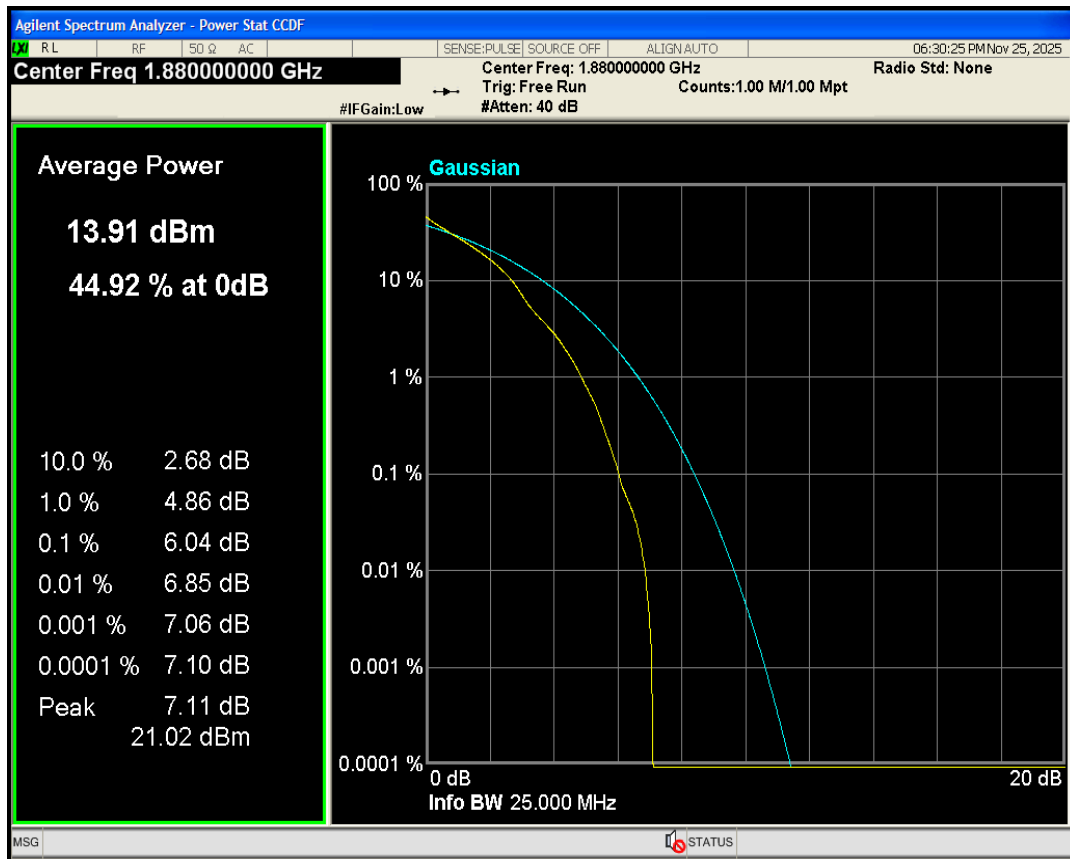
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=1 Position=#0



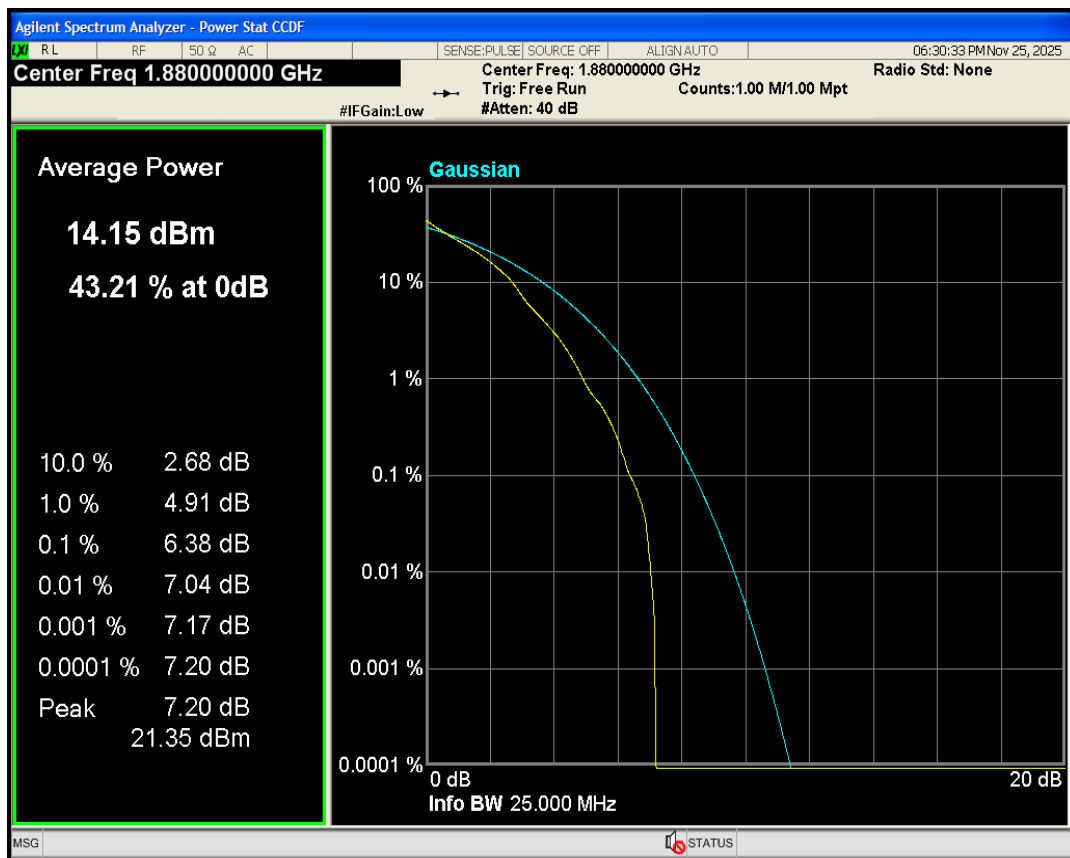
Band2 QAM16 BW=3MHz Channel=18900 RB Size=1 Position=#0



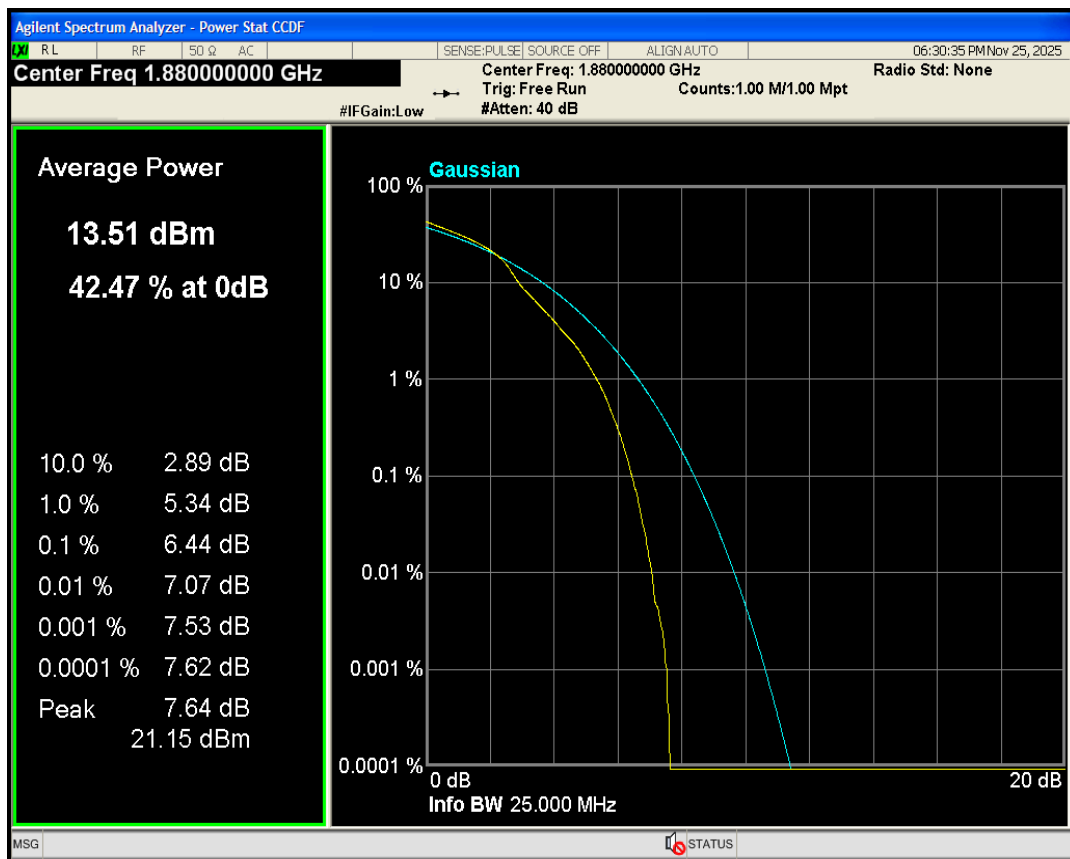
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



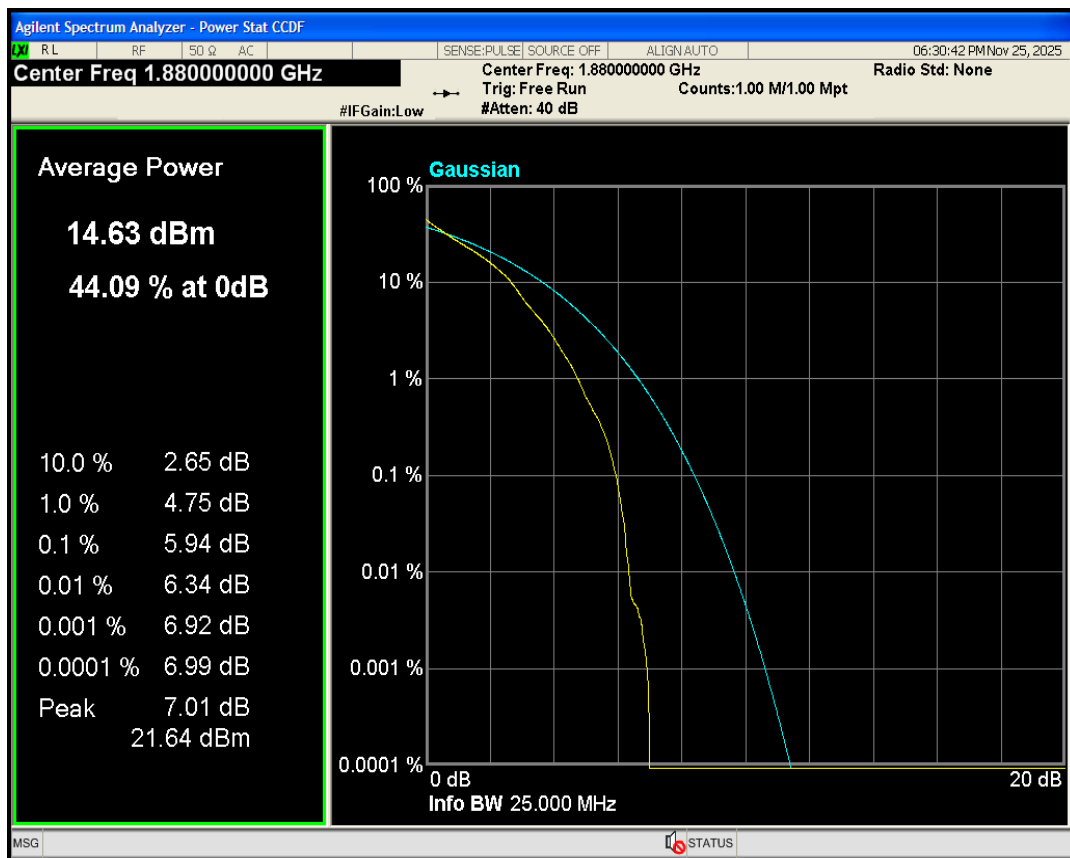
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



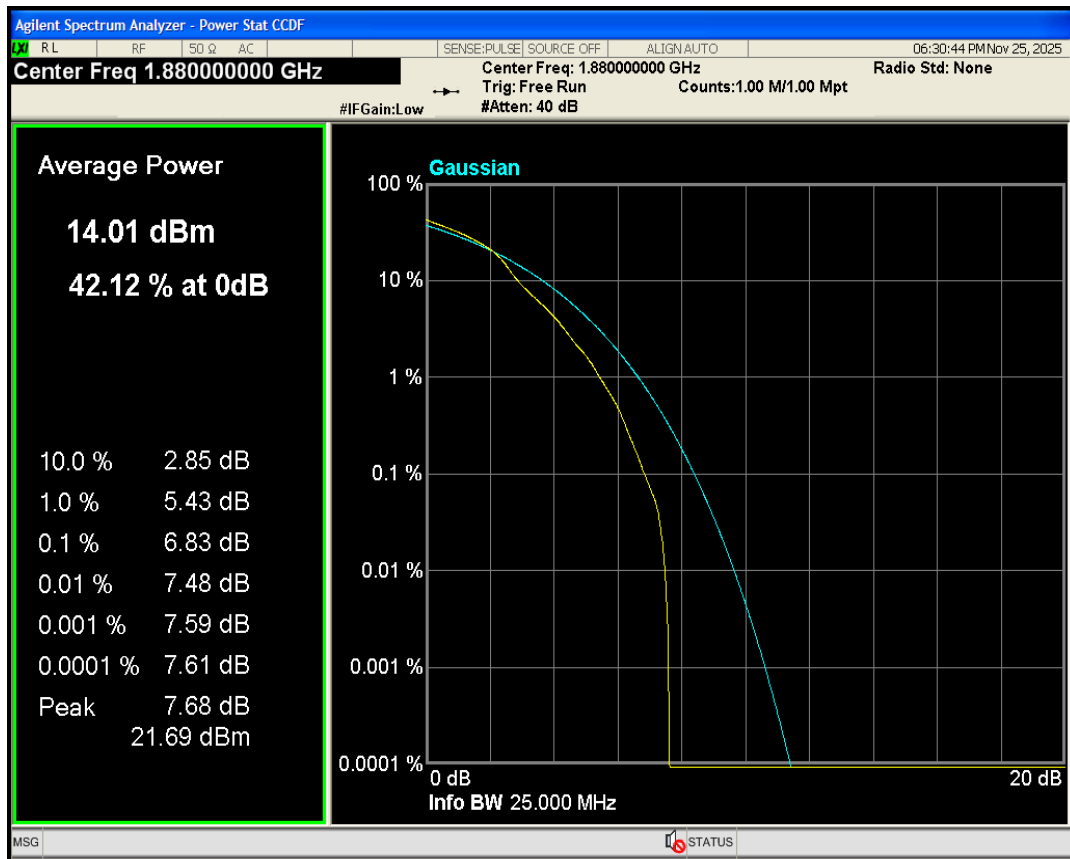
Band2 QAM16 BW=5MHz Channel=18900 RB Size=1 Position=#0



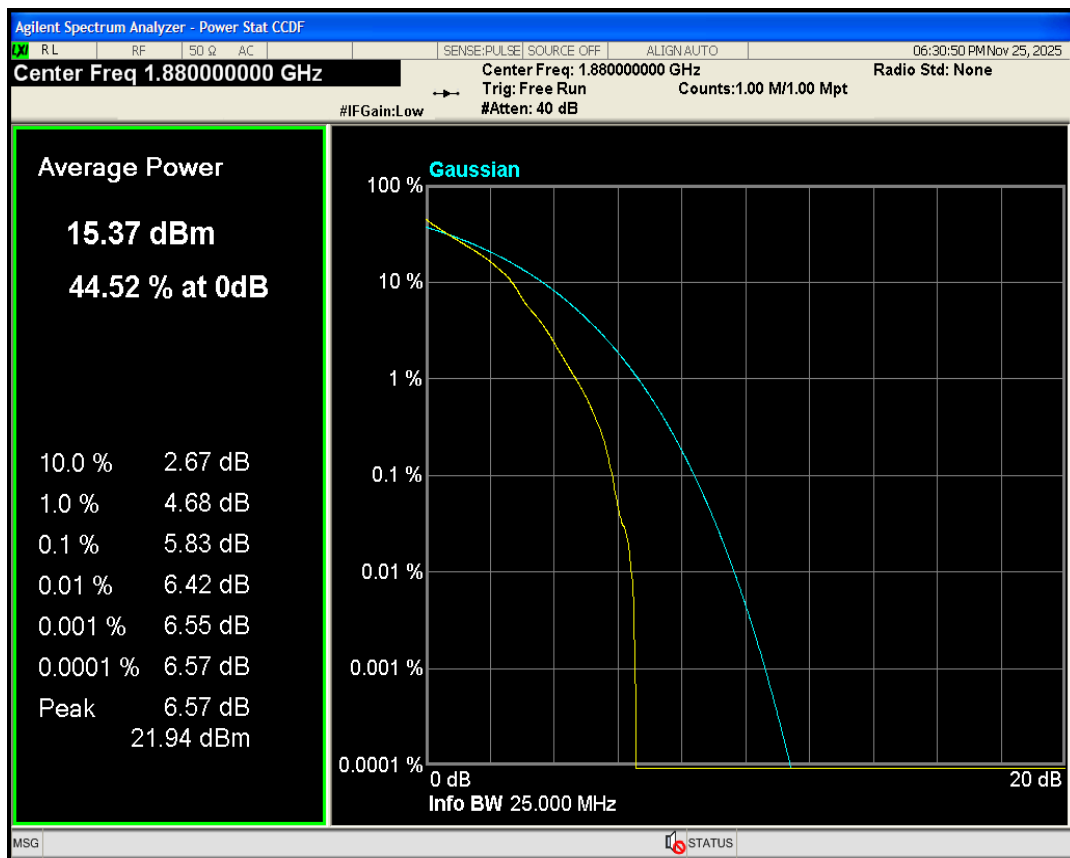
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



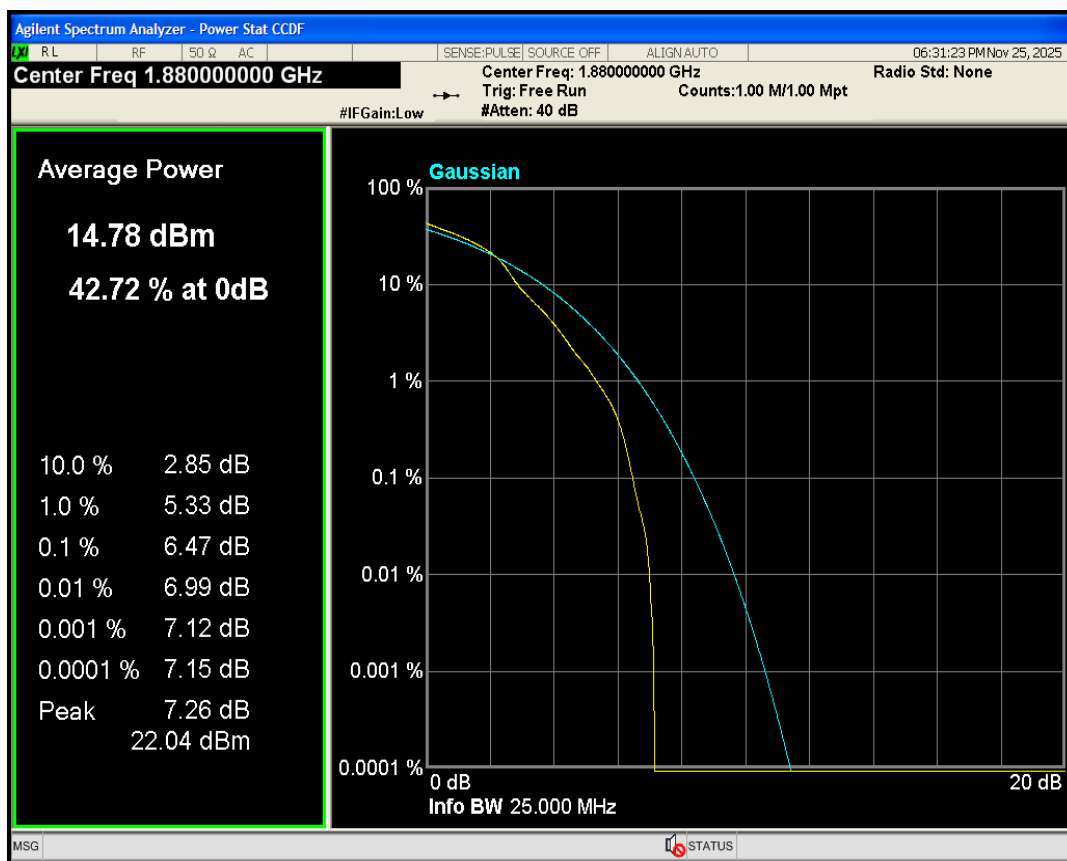
Band2 QAM16 BW=10MHz Channel=18900 RB Size=1 Position=#0



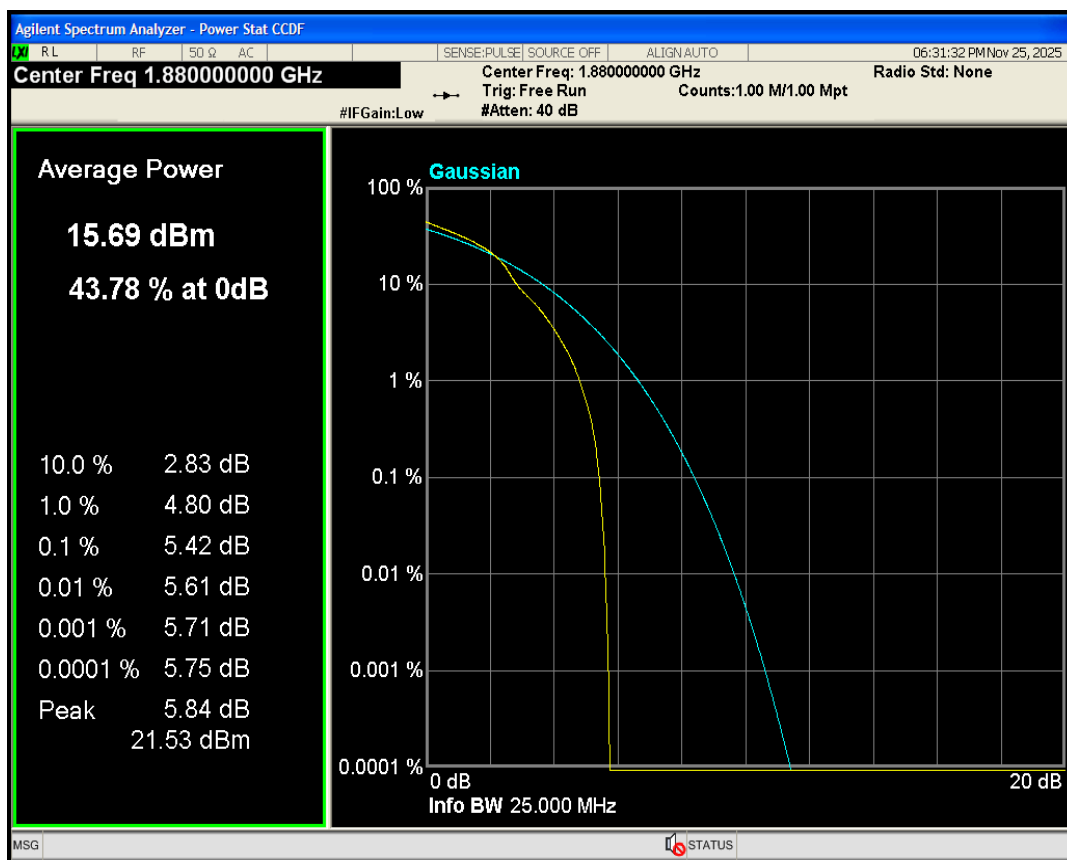
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



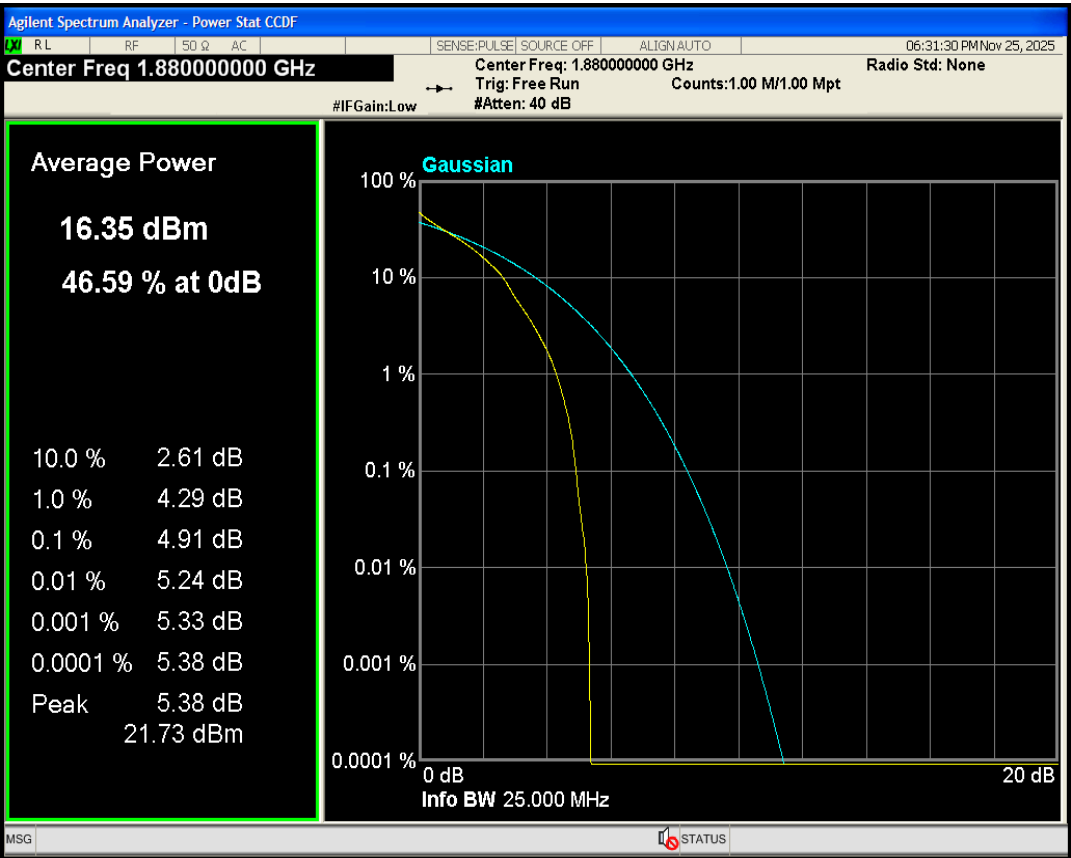
Band2 QAM16 BW=15MHz Channel=18900 RB Size=1 Position=#0



Band2 QAM16 BW=20MHz Channel=18900 RB Size=1 Position=#0



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

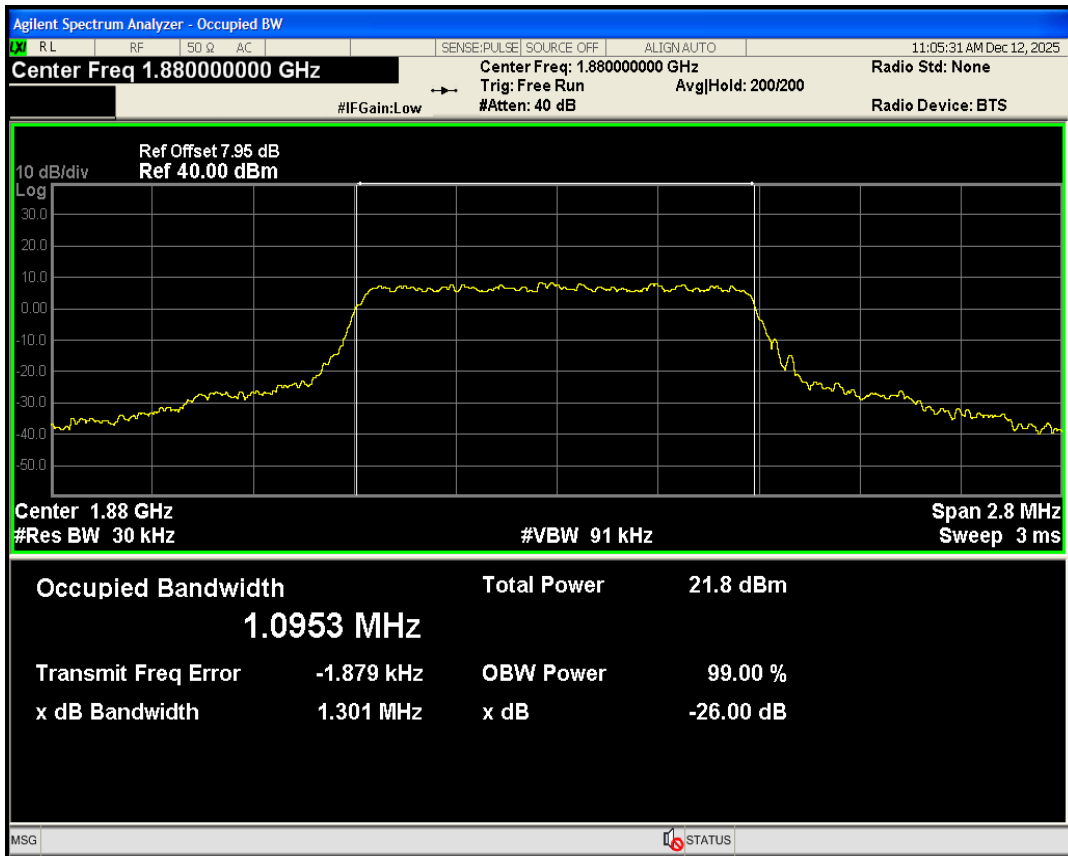


4. Occupied bandwidth

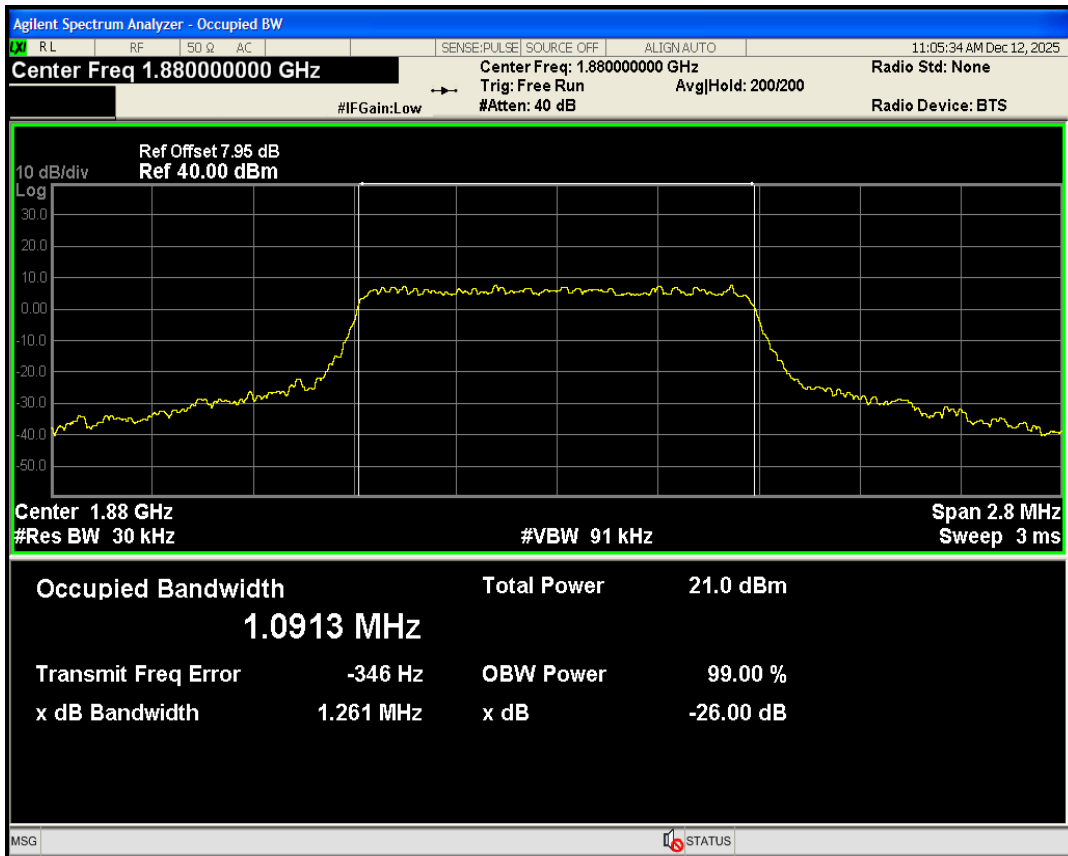
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.088	1.272	PASS
Band2	1.4	18607	6	#0	QAM16	1.100	1.275	PASS
Band2	1.4	18900	6	#0	QPSK	1.095	1.301	PASS
Band2	1.4	18900	6	#0	QAM16	1.091	1.261	PASS
Band2	1.4	19193	6	#0	QPSK	1.105	1.281	PASS
Band2	1.4	19193	6	#0	QAM16	1.100	1.293	PASS
Band2	3	18615	15	#0	QPSK	2.688	2.955	PASS
Band2	3	18615	15	#0	QAM16	2.697	2.933	PASS
Band2	3	18900	15	#0	QPSK	2.697	2.937	PASS
Band2	3	18900	15	#0	QAM16	2.698	2.930	PASS
Band2	3	19185	15	#0	QPSK	2.696	2.955	PASS
Band2	3	19185	15	#0	QAM16	2.690	2.929	PASS
Band2	5	18625	25	#0	QPSK	4.527	4.891	PASS
Band2	5	18625	25	#0	QAM16	4.505	4.925	PASS
Band2	5	18900	25	#0	QPSK	4.523	4.927	PASS
Band2	5	18900	25	#0	QAM16	4.522	4.948	PASS
Band2	5	19175	25	#0	QPSK	4.514	4.924	PASS
Band2	5	19175	25	#0	QAM16	4.503	4.952	PASS
Band2	10	18650	50	#0	QPSK	8.966	9.633	PASS
Band2	10	18650	27	#0	QAM16	4.946	5.537	PASS
Band2	10	18900	50	#0	QPSK	8.972	9.779	PASS
Band2	10	18900	27	#0	QAM16	4.975	5.656	PASS
Band2	10	19150	50	#0	QPSK	9.008	9.759	PASS
Band2	10	19150	27	#0	QAM16	4.938	5.527	PASS
Band2	15	18675	75	#0	QPSK	13.406	14.348	PASS
Band2	15	18675	27	#0	QAM16	5.067	5.876	PASS
Band2	15	18900	75	#0	QPSK	13.470	14.395	PASS
Band2	15	18900	27	#0	QAM16	5.071	5.826	PASS
Band2	15	19125	75	#0	QPSK	13.428	14.303	PASS
Band2	15	19125	27	#0	QAM16	5.033	6.073	PASS
Band2	20	18700	100	#0	QPSK	17.756	19.000	PASS
Band2	20	18700	27	#0	QAM16	5.210	5.978	PASS
Band2	20	18900	100	#0	QPSK	18.001	19.116	PASS
Band2	20	18900	27	#0	QAM16	5.185	6.054	PASS
Band2	20	19100	100	#0	QPSK	17.747	18.938	PASS
Band2	20	19100	27	#0	QAM16	5.208	6.070	PASS

Report

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

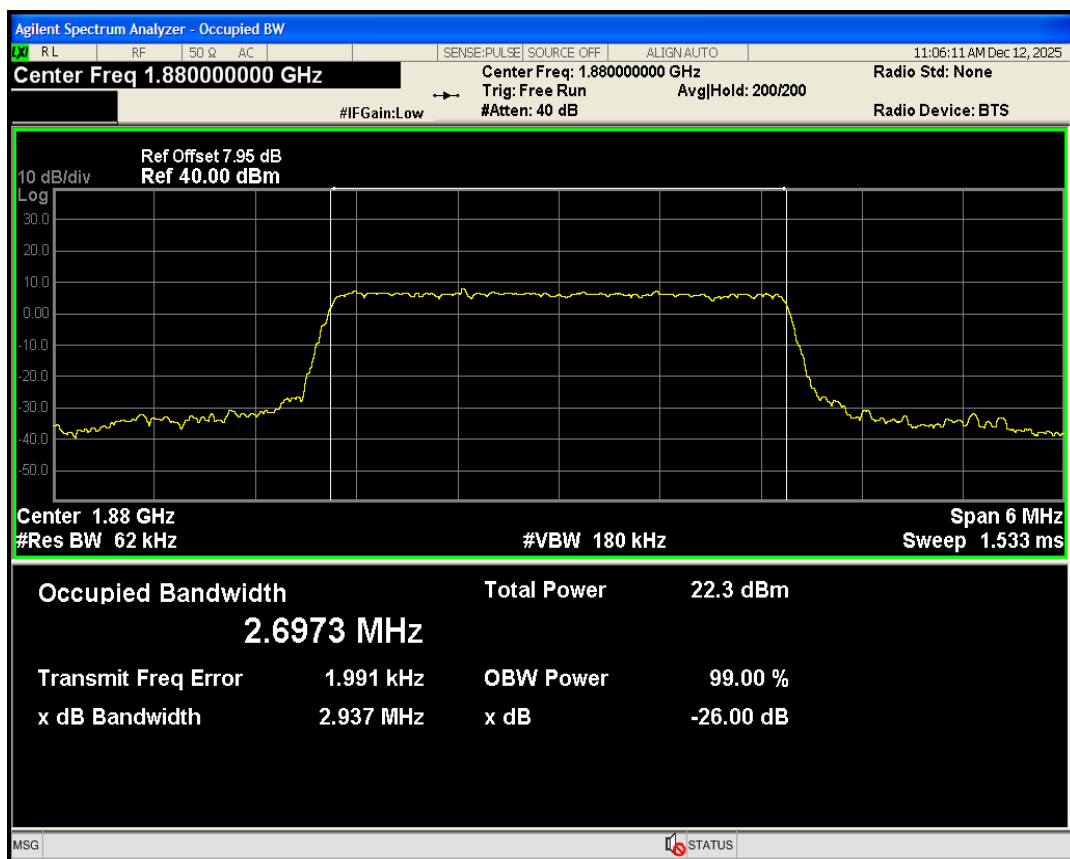


Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0

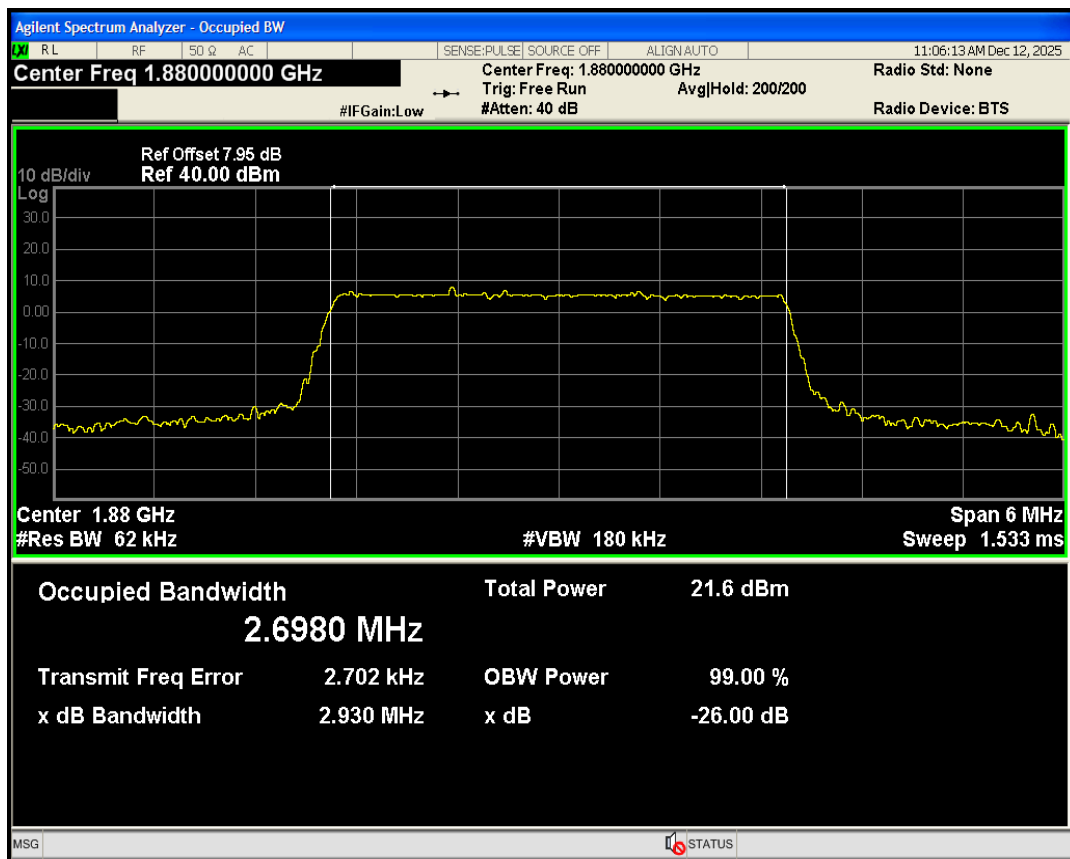


Report

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

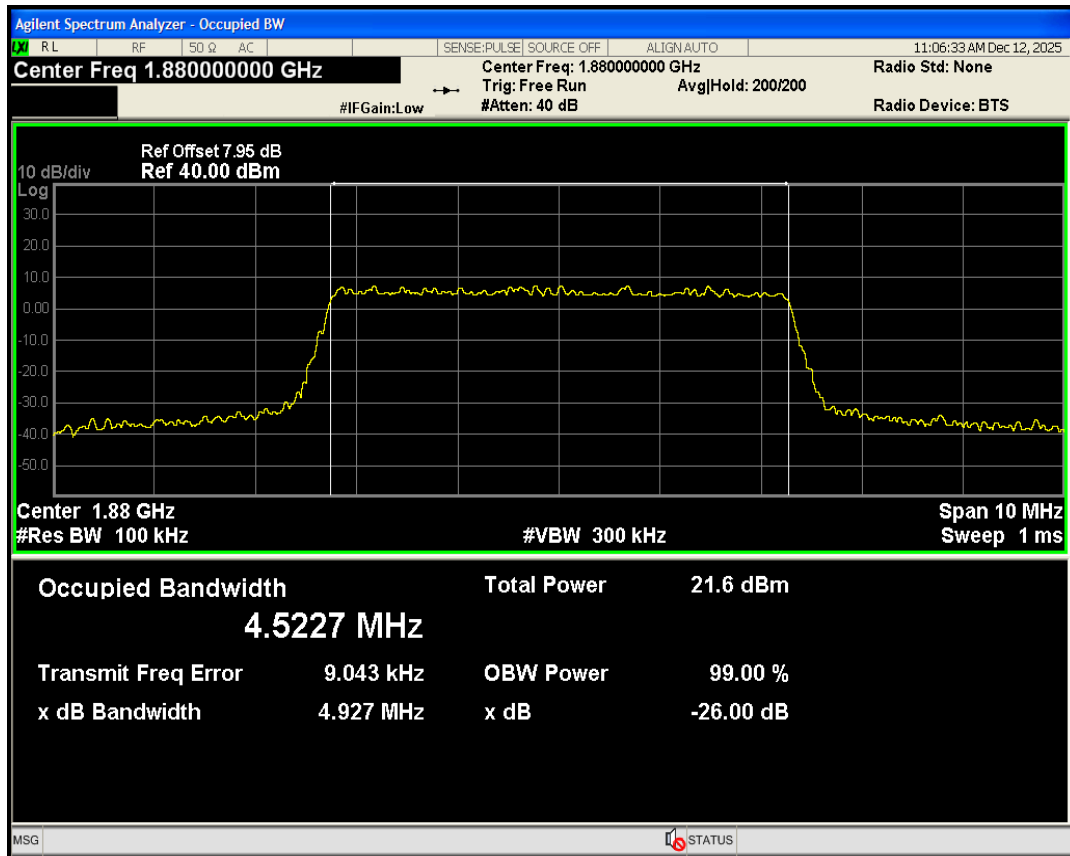


Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0

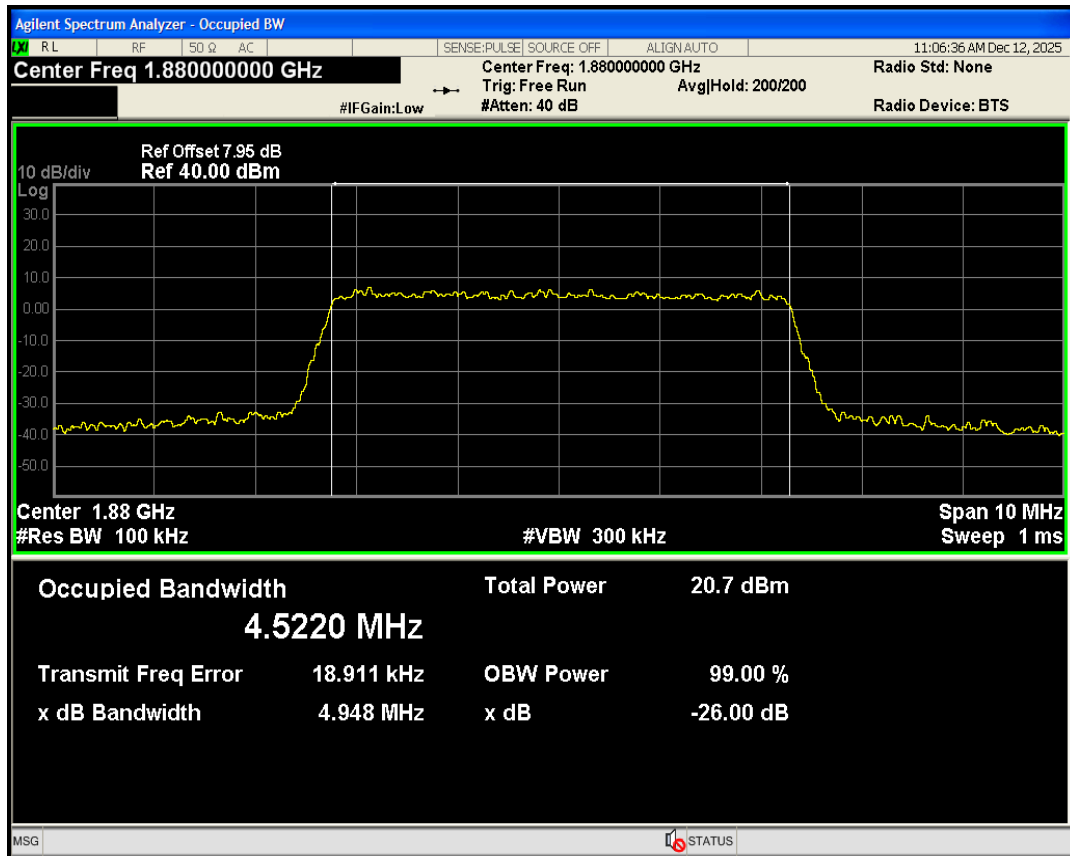


Report

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

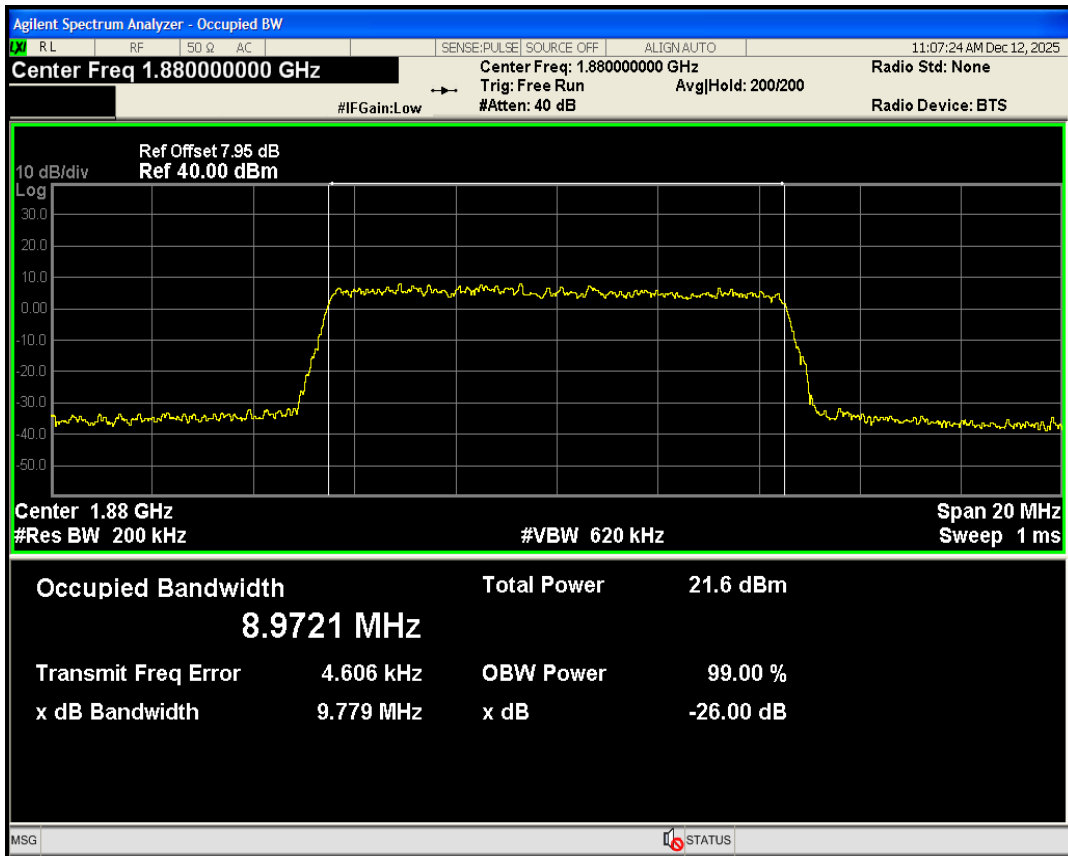


Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0

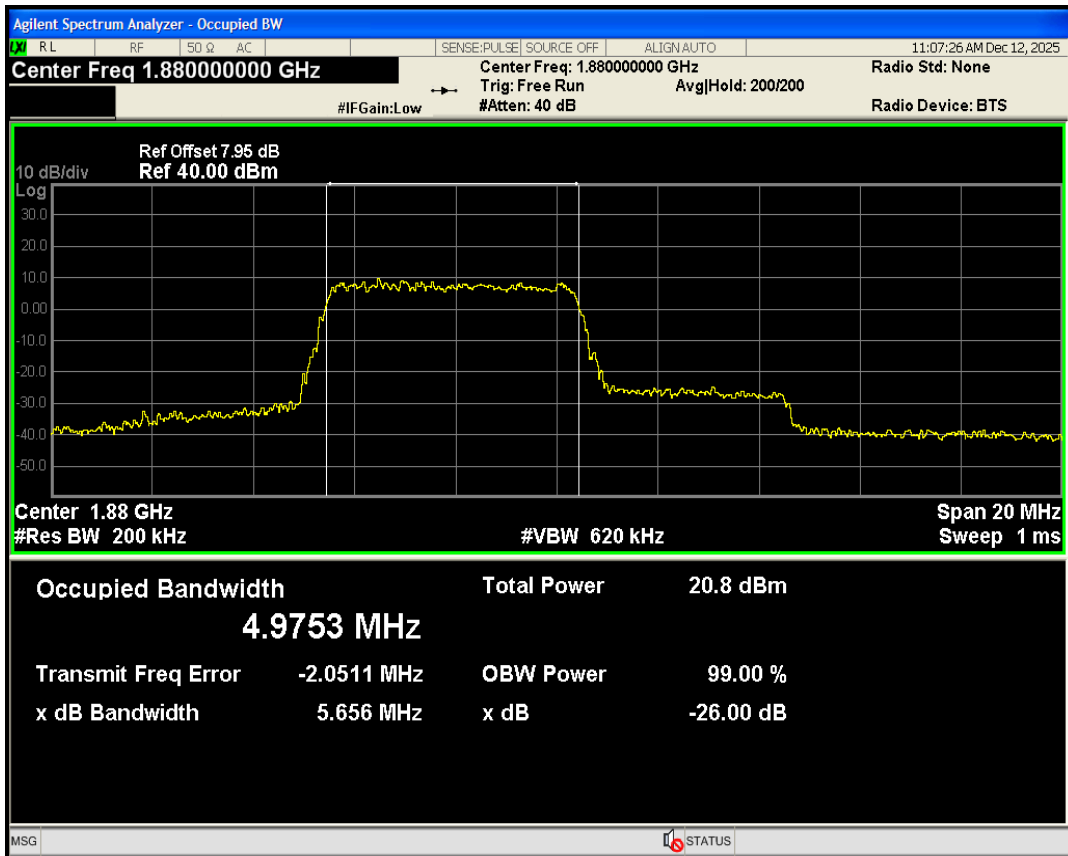


Report

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

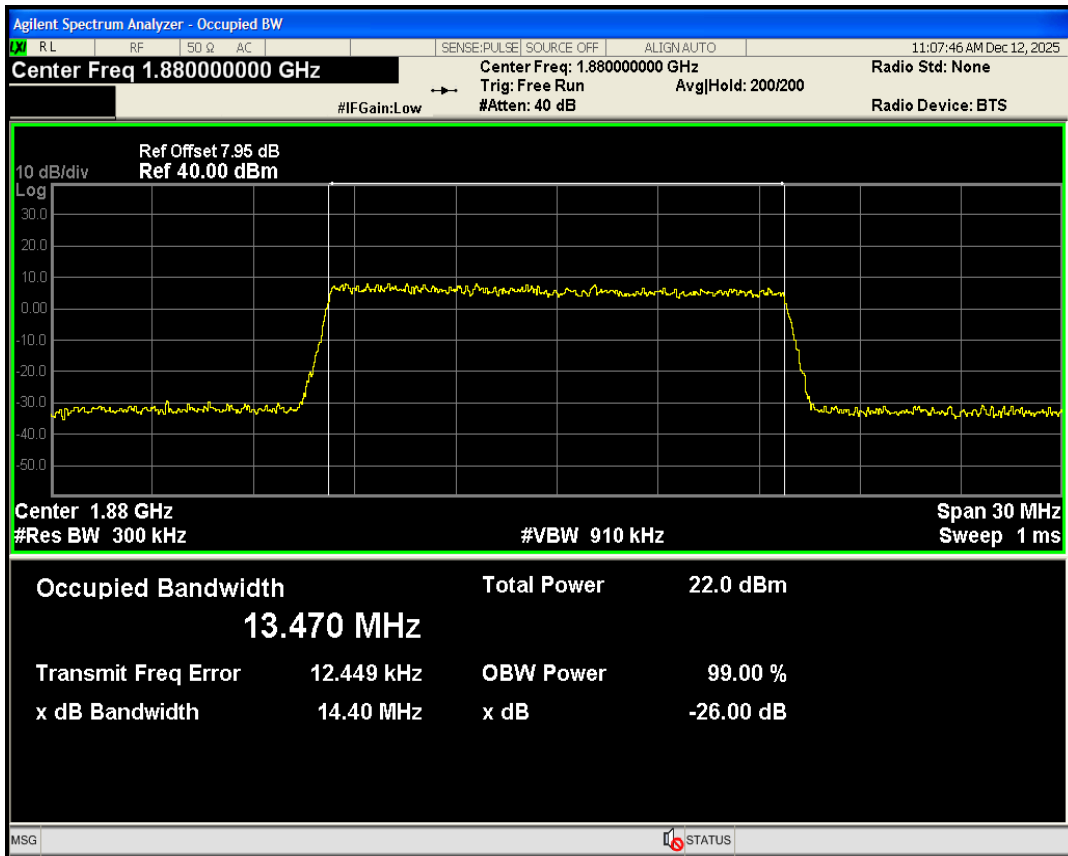


Band2 QAM16 BW=10MHz Channel=18900 RB Size=27 Position=#0

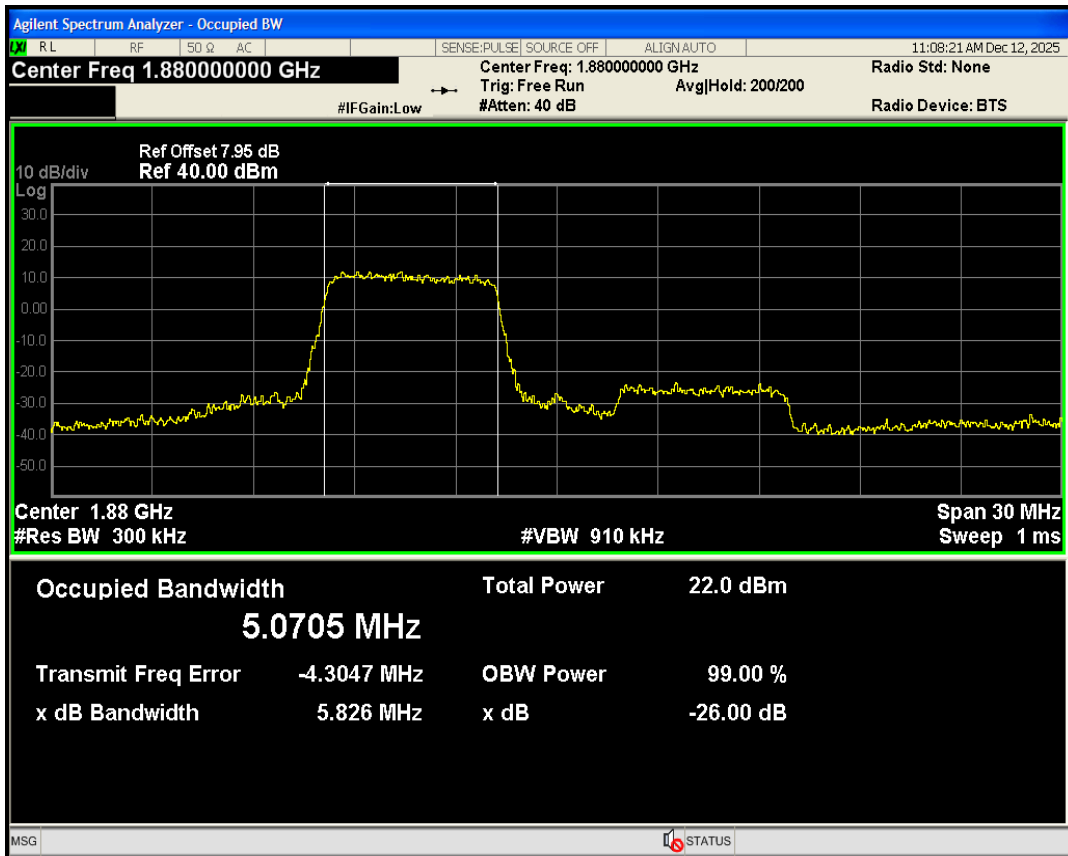


Report

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

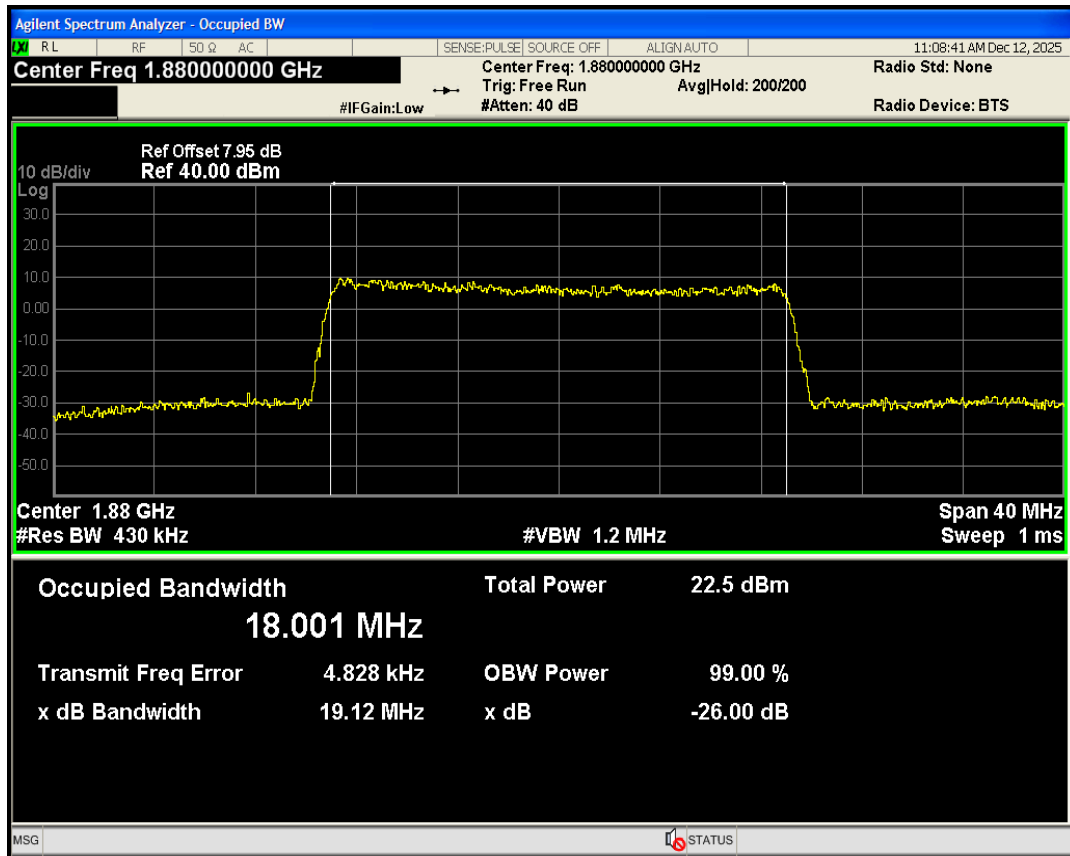


Band2 QAM16 BW=15MHz Channel=18900 RB Size=27 Position=#0

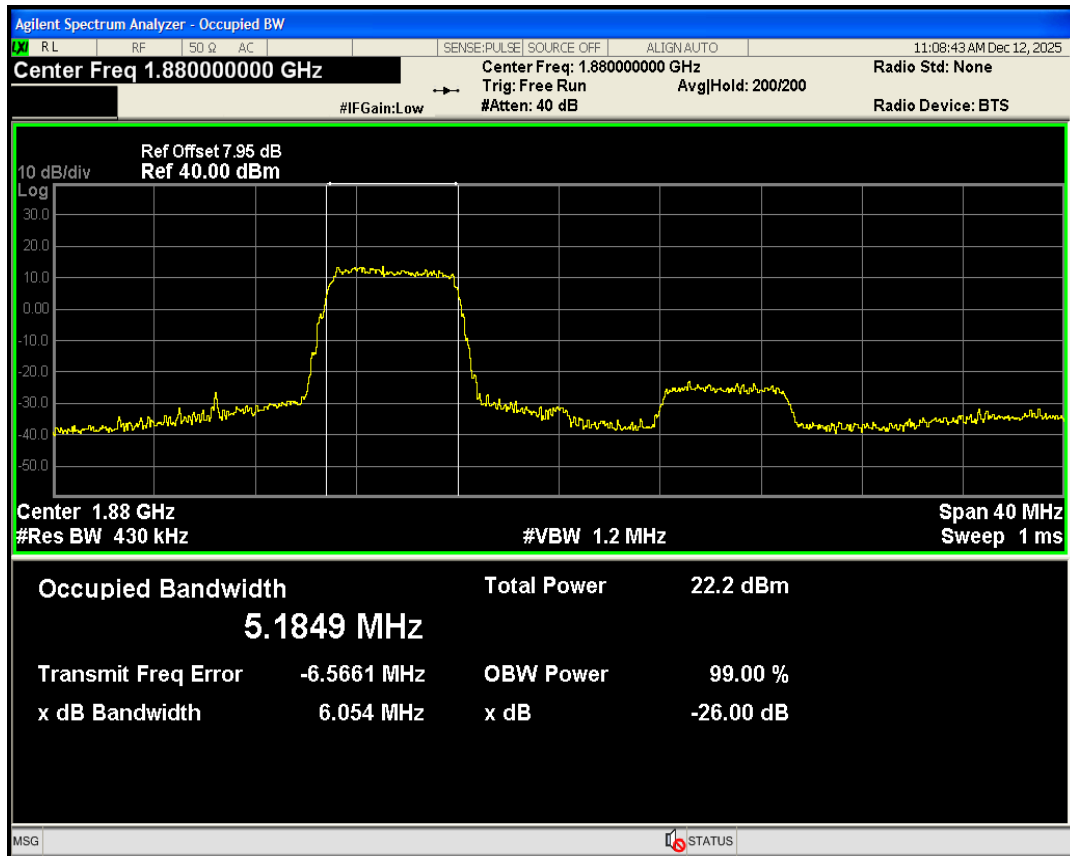


Report

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

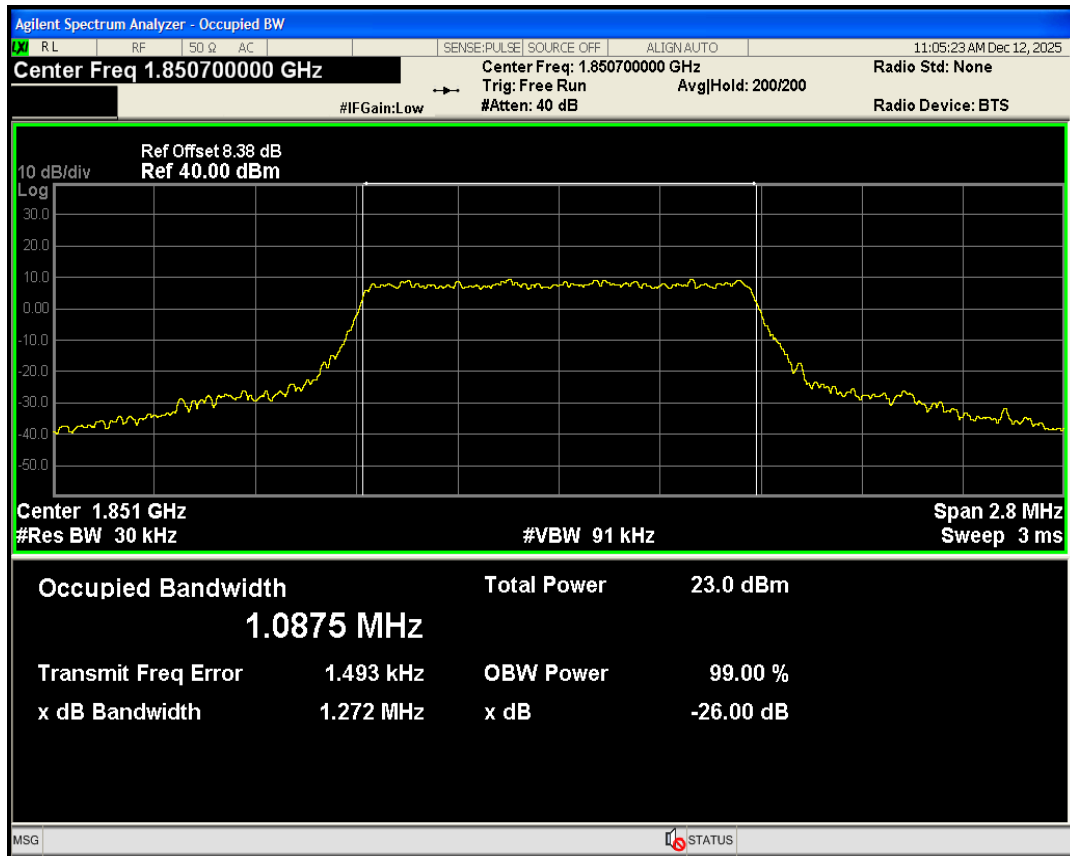


Band2 QAM16 BW=20MHz Channel=18900 RB Size=27 Position=#0

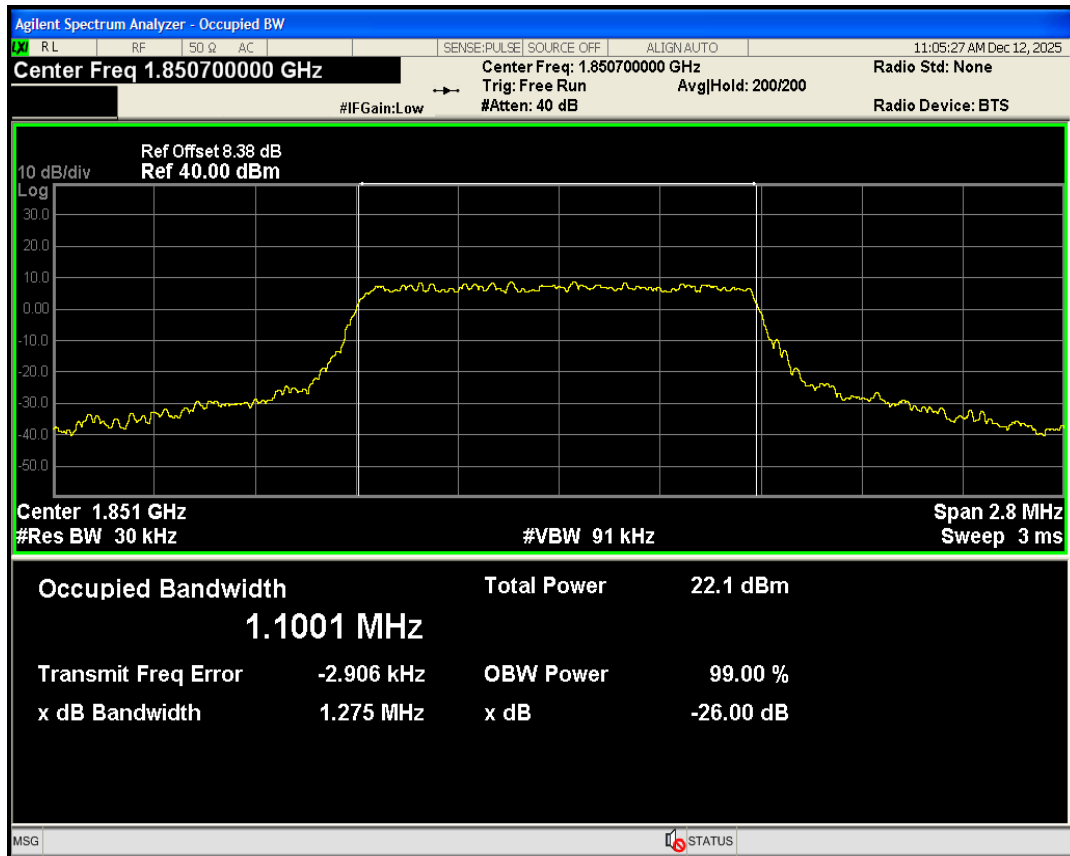


Report

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

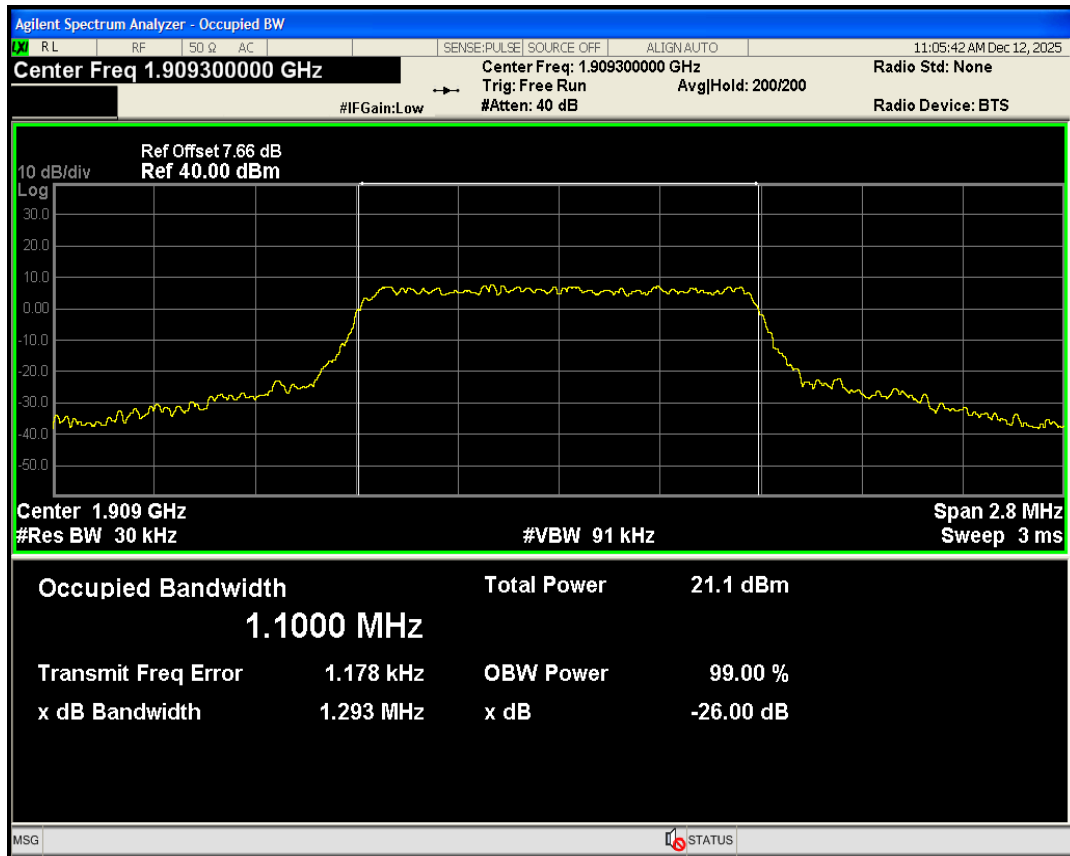


Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0

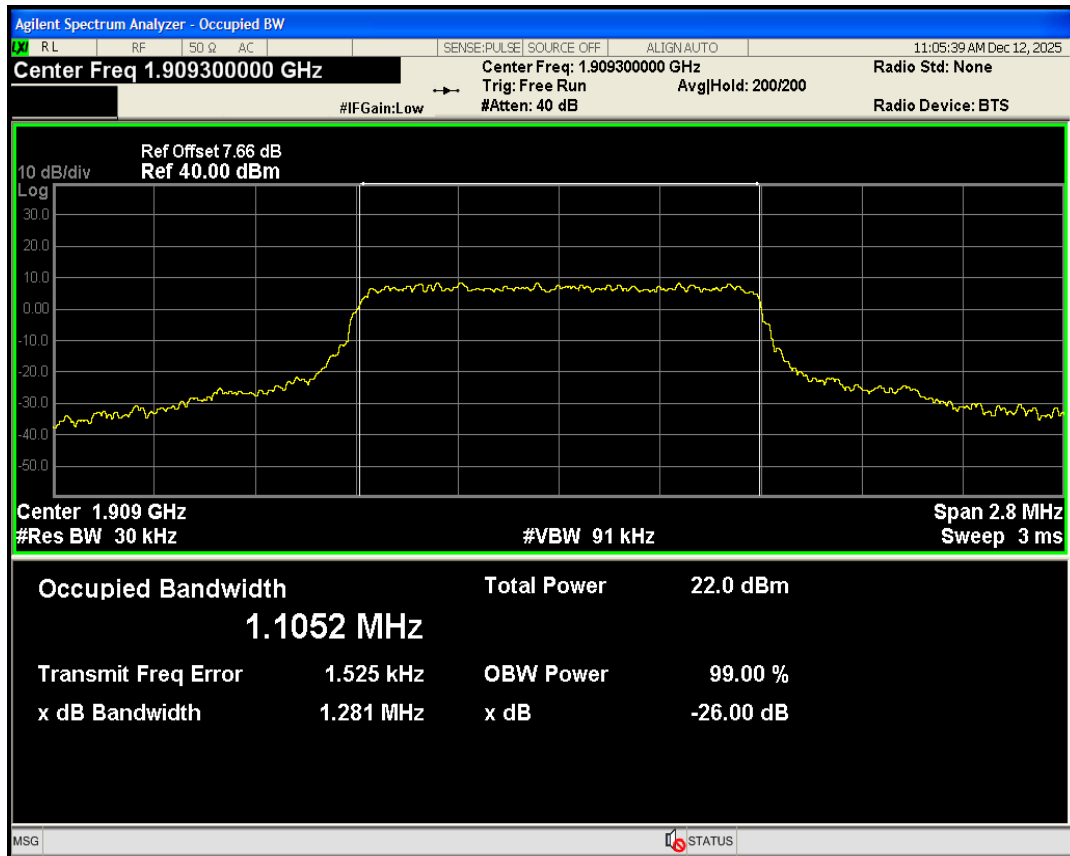


Report

Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0

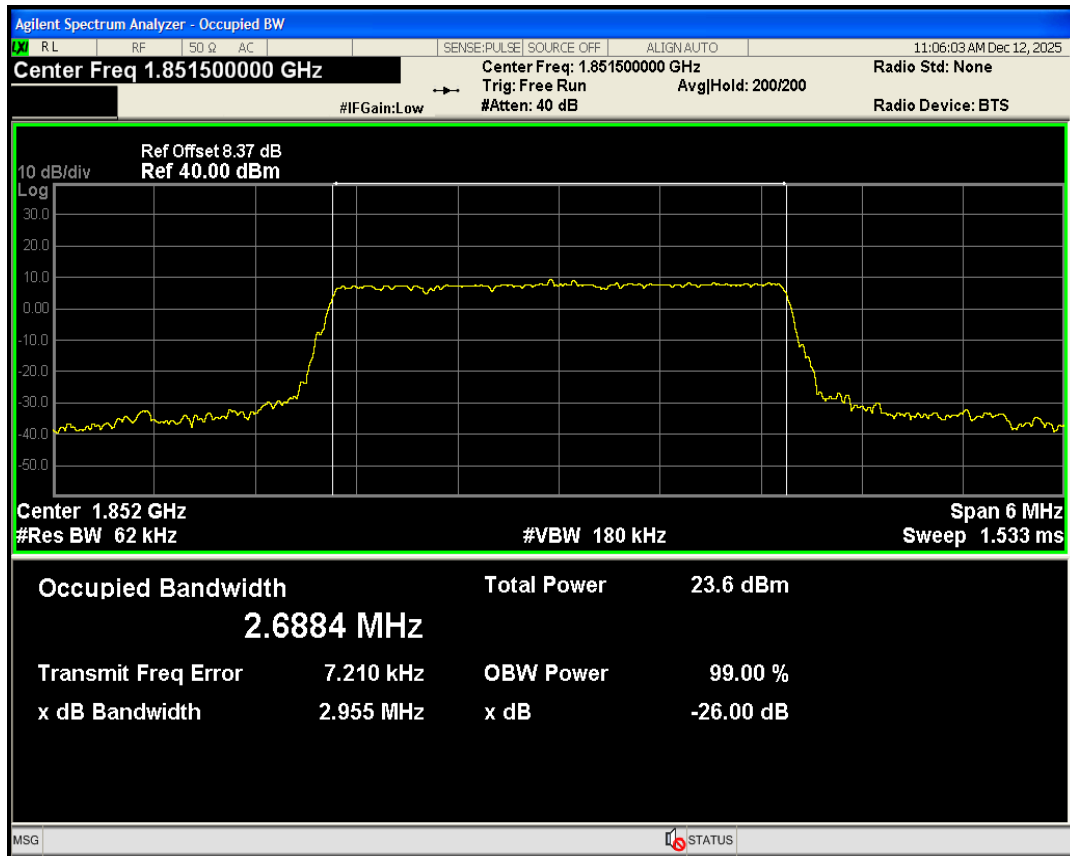


Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0

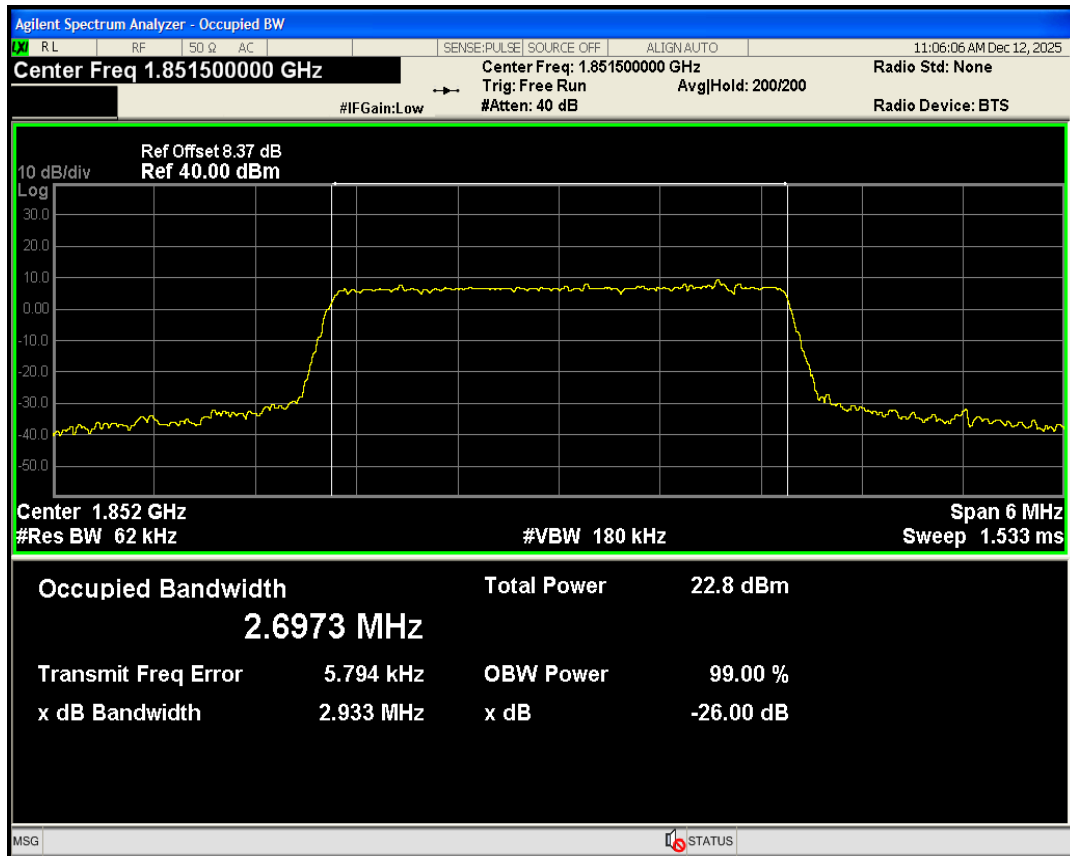


Report

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

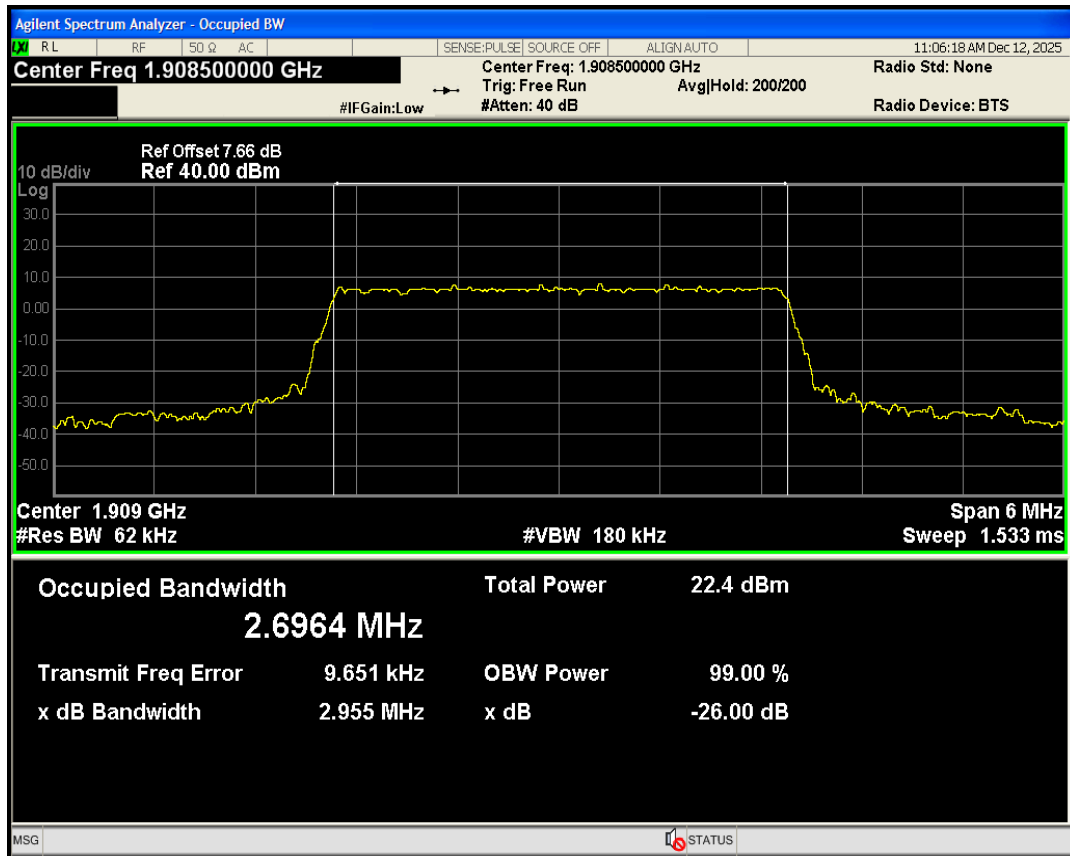


Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0

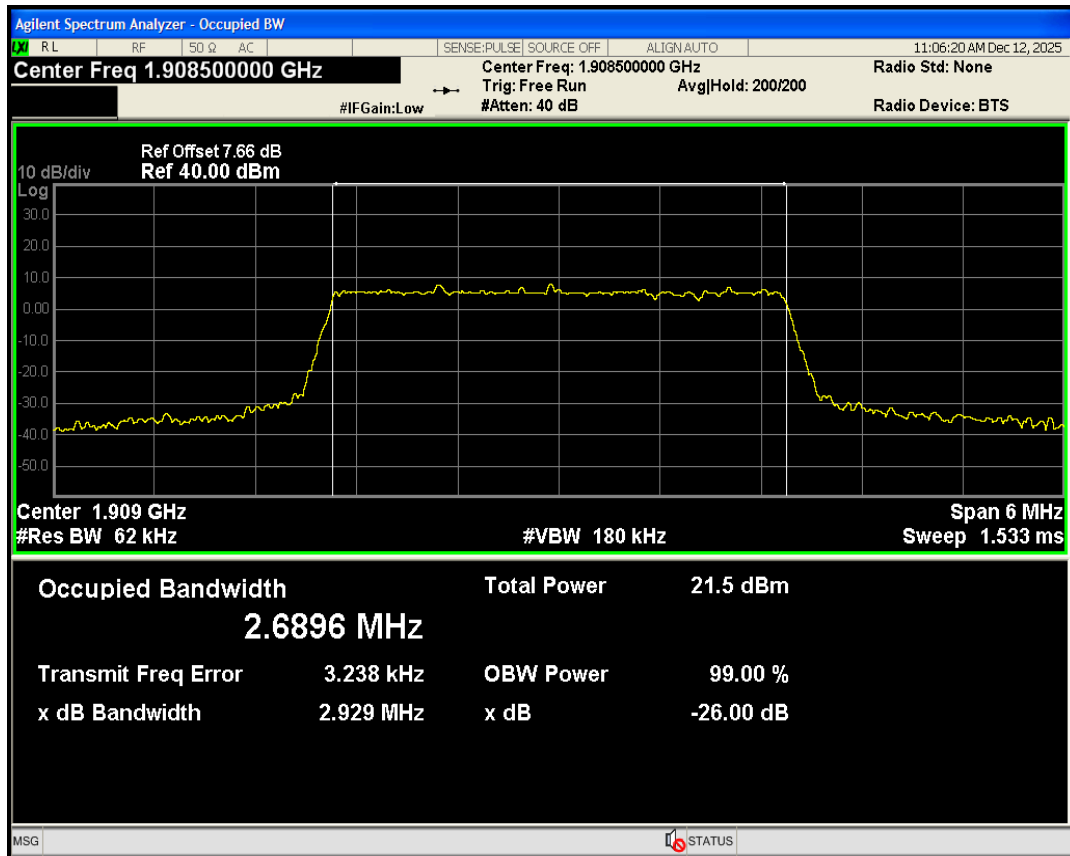


Report

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

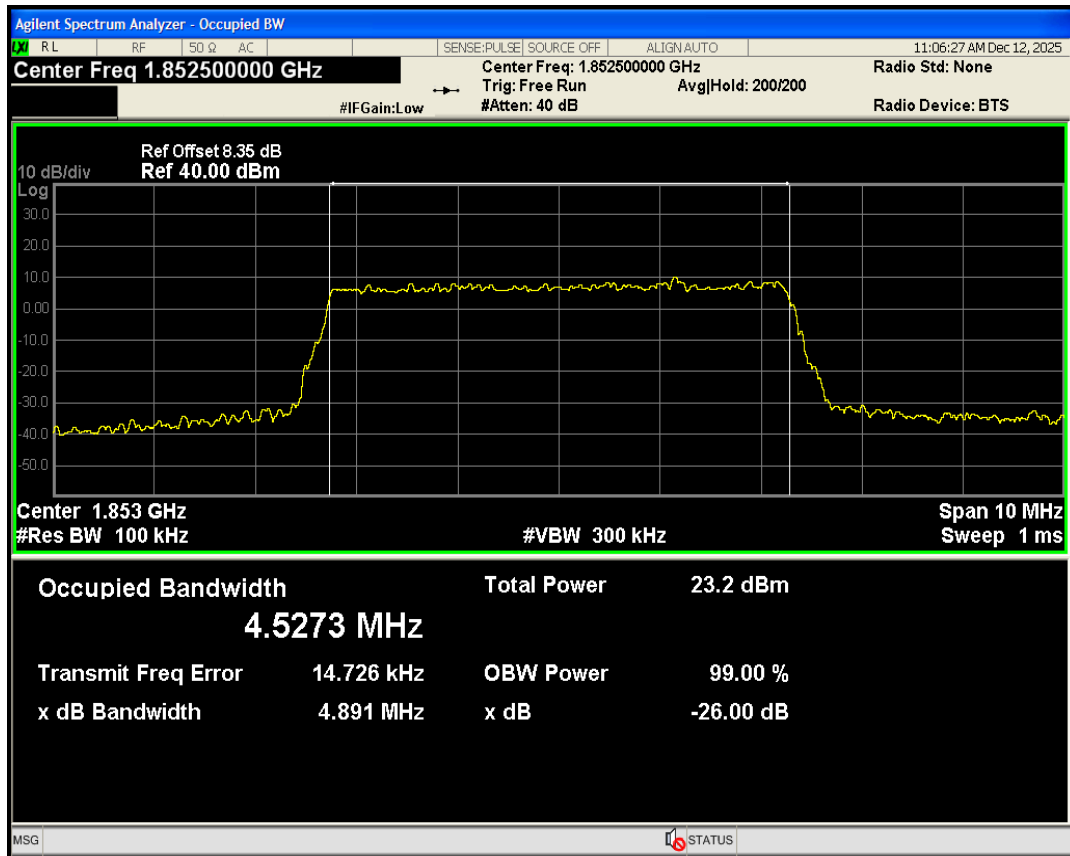


Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0

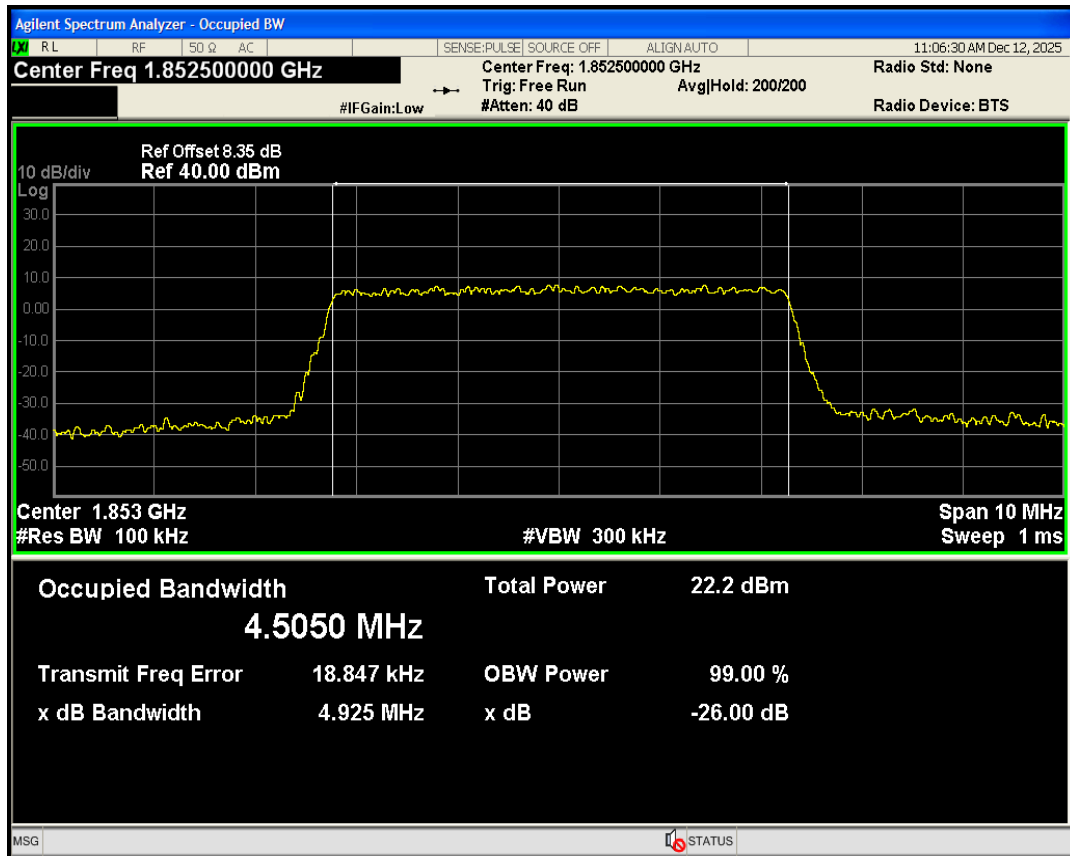


Report

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

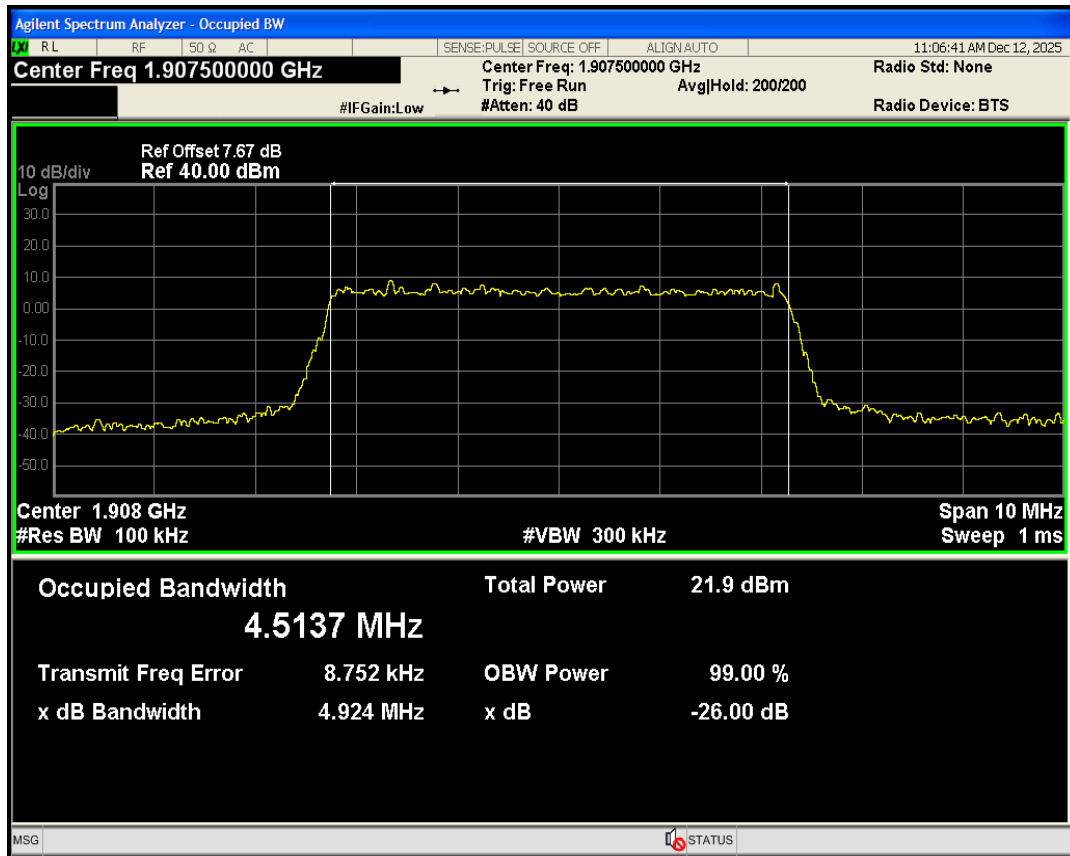


Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0

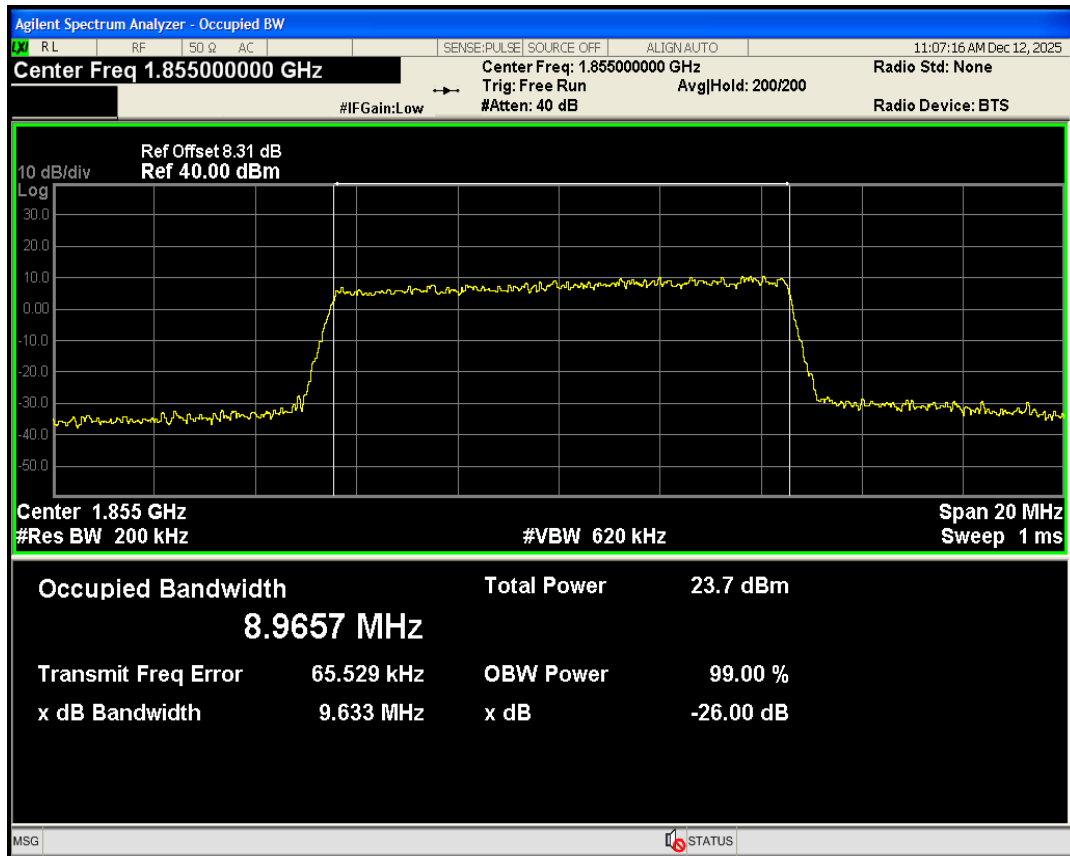


Report

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

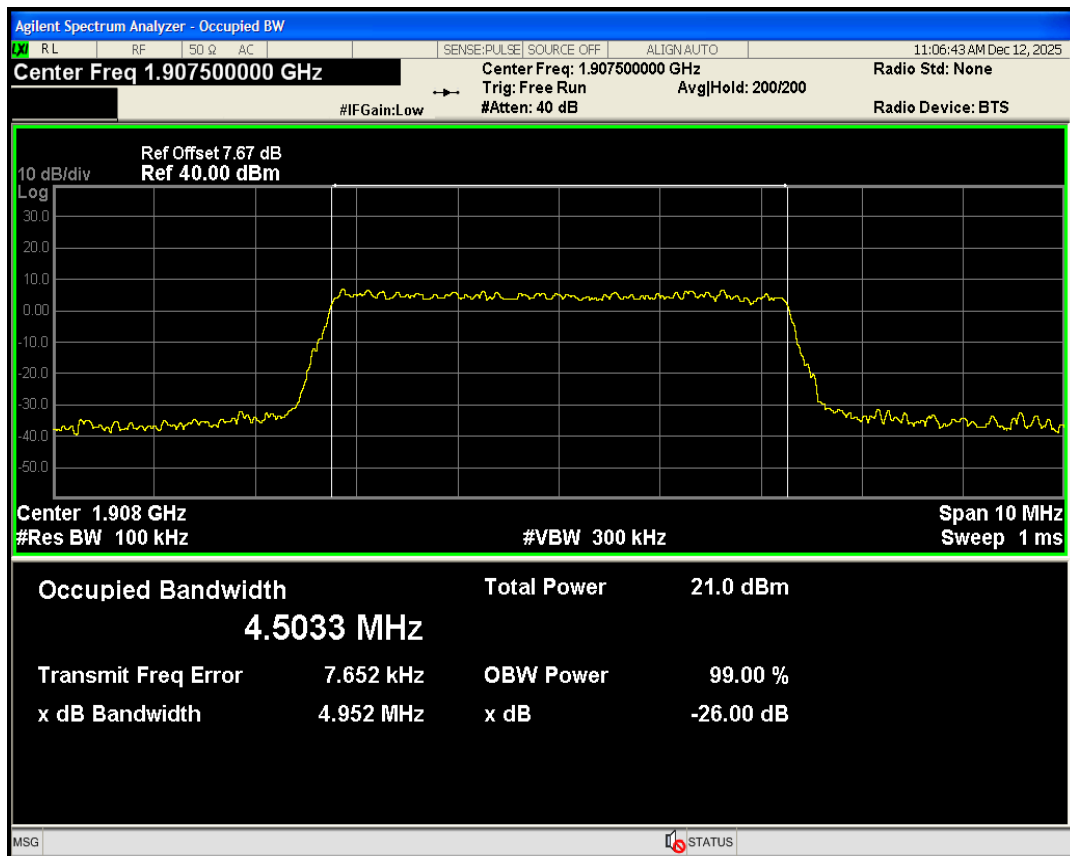


Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0

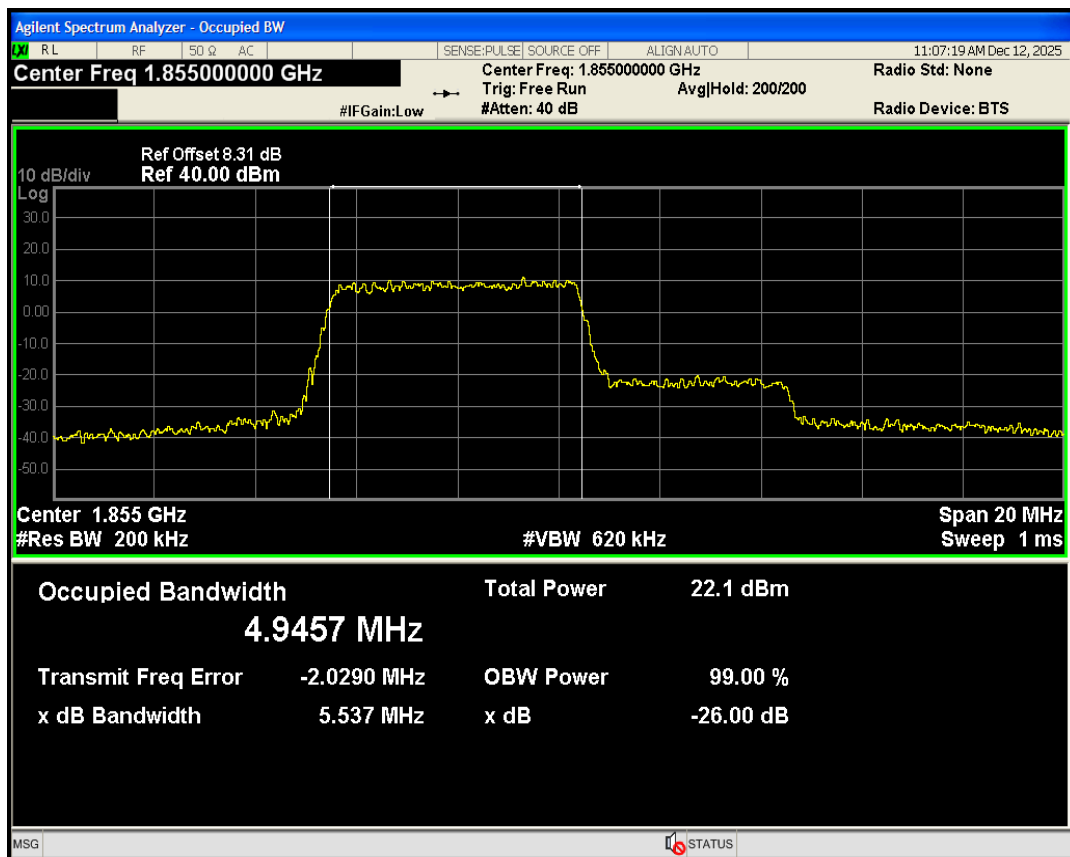


Report

Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0

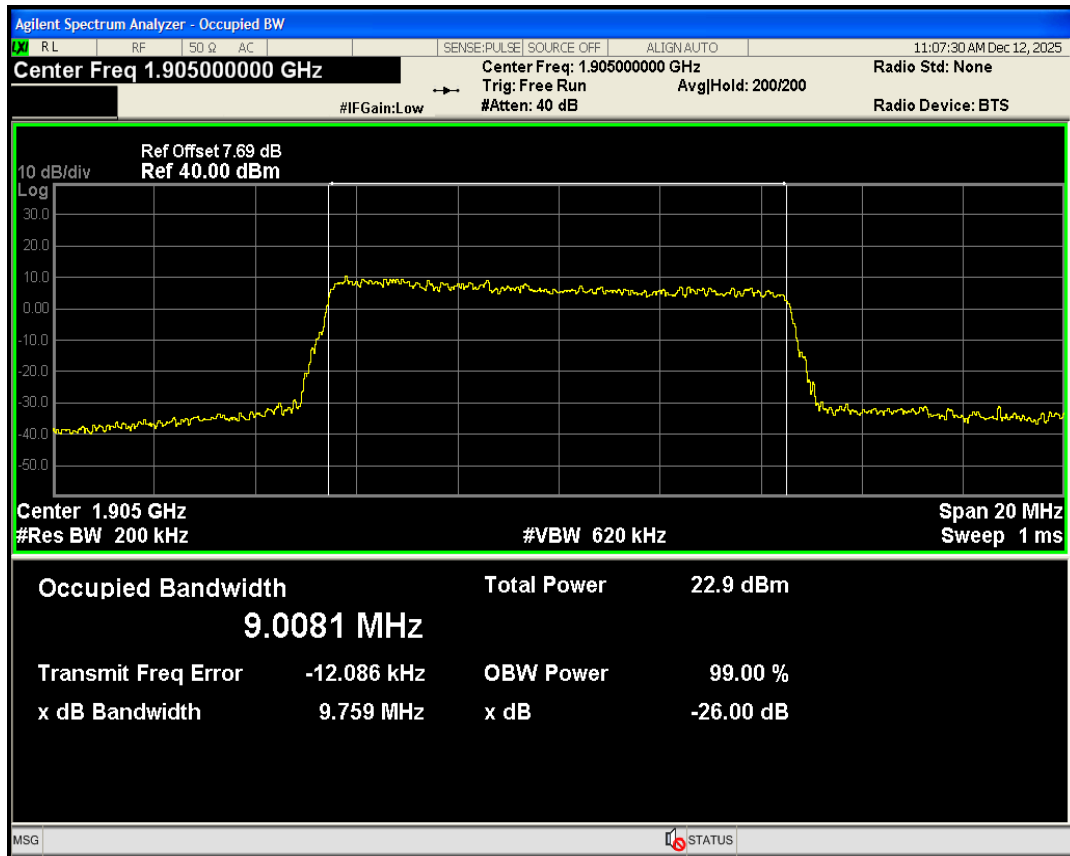


Band2 QAM16 BW=10MHz Channel=18650 RB Size=27 Position=#0

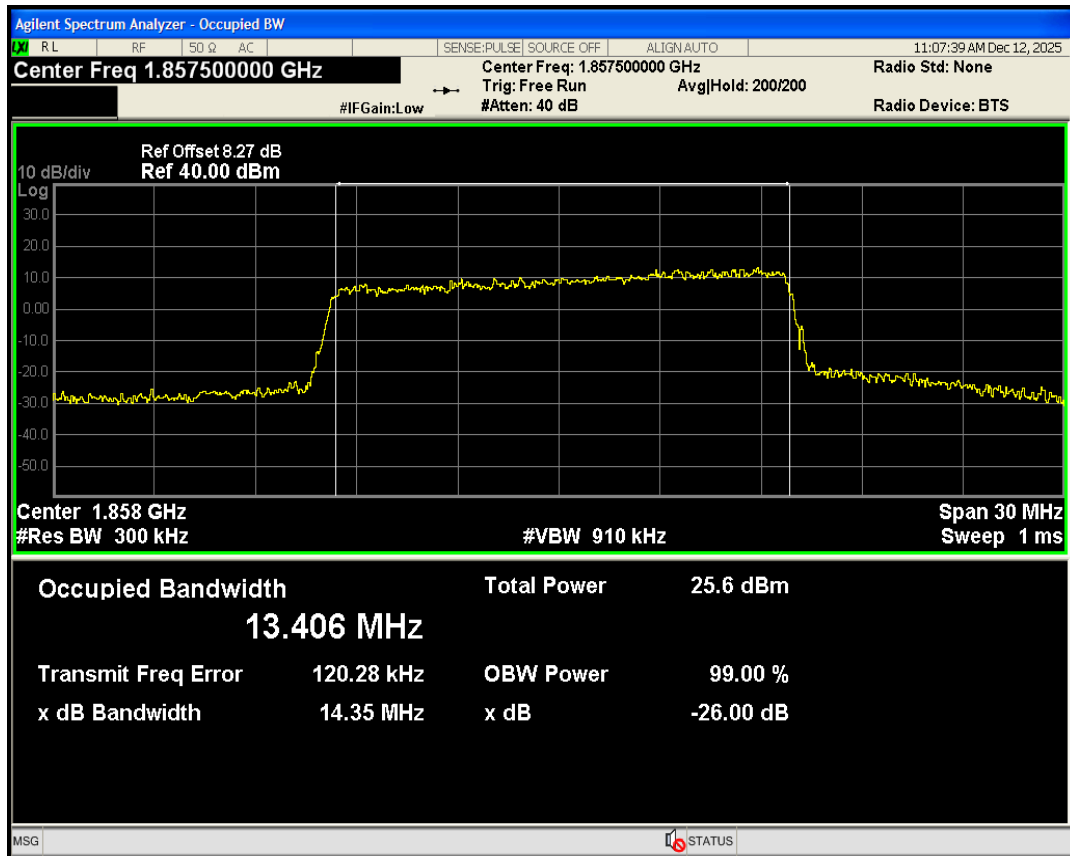


Report

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

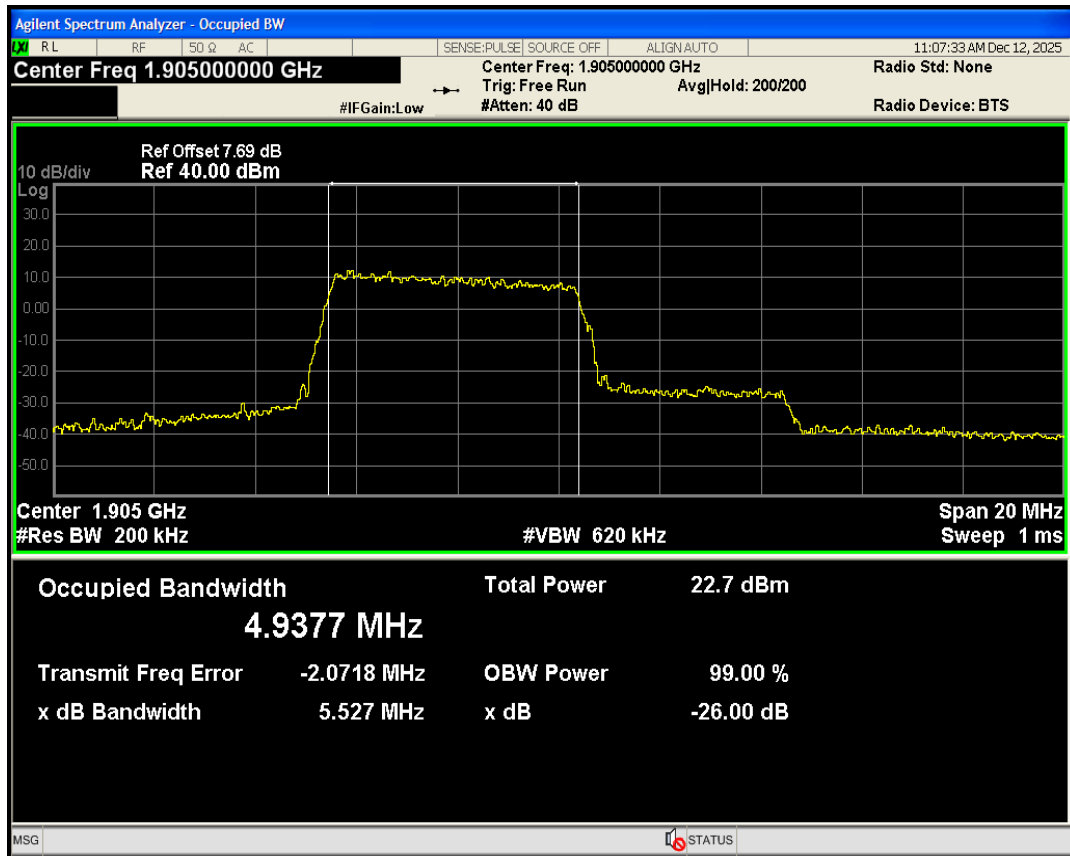


Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0

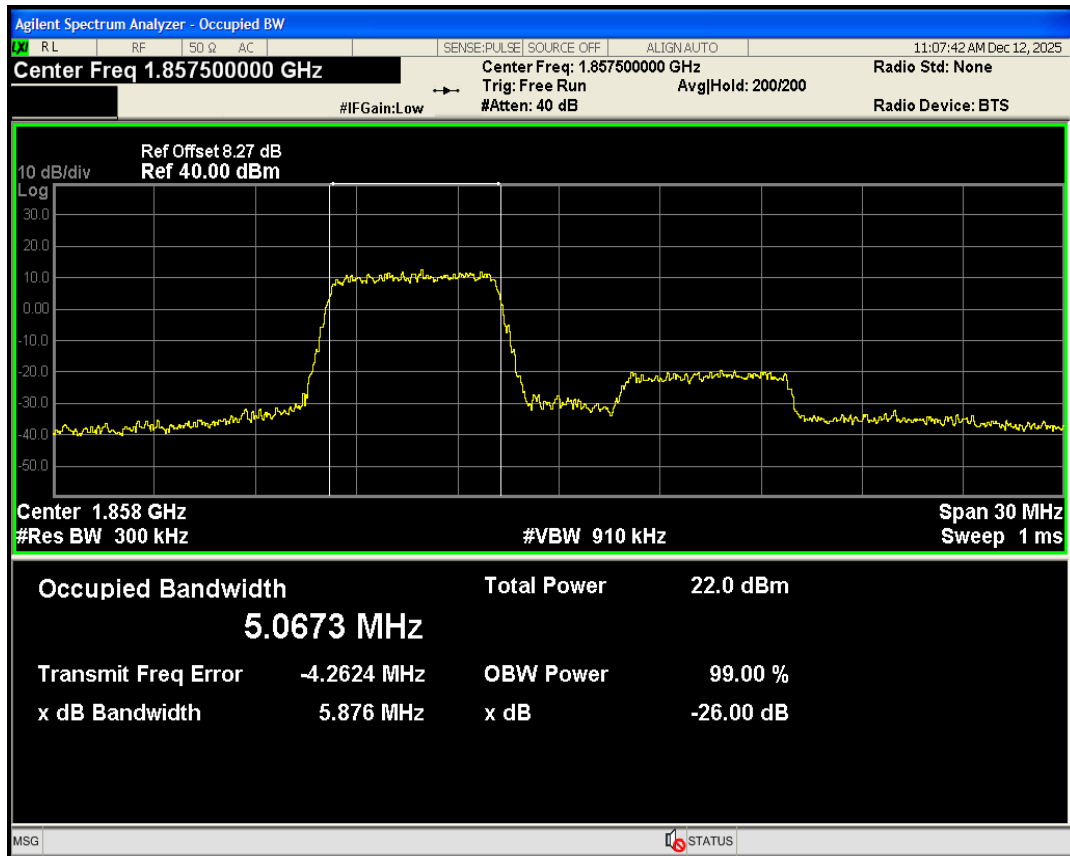


Report

Band2 QAM16 BW=10MHz Channel=19150 RB Size=27 Position=#0

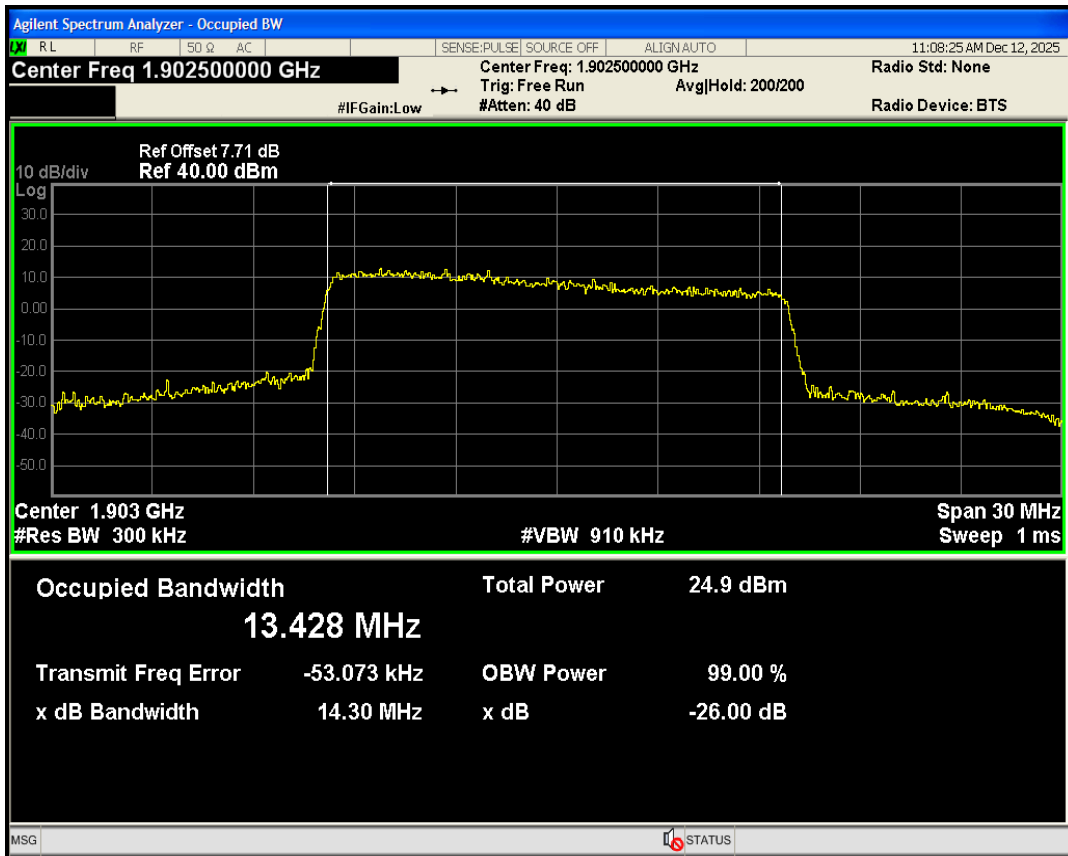


Band2 QAM16 BW=15MHz Channel=18675 RB Size=27 Position=#0

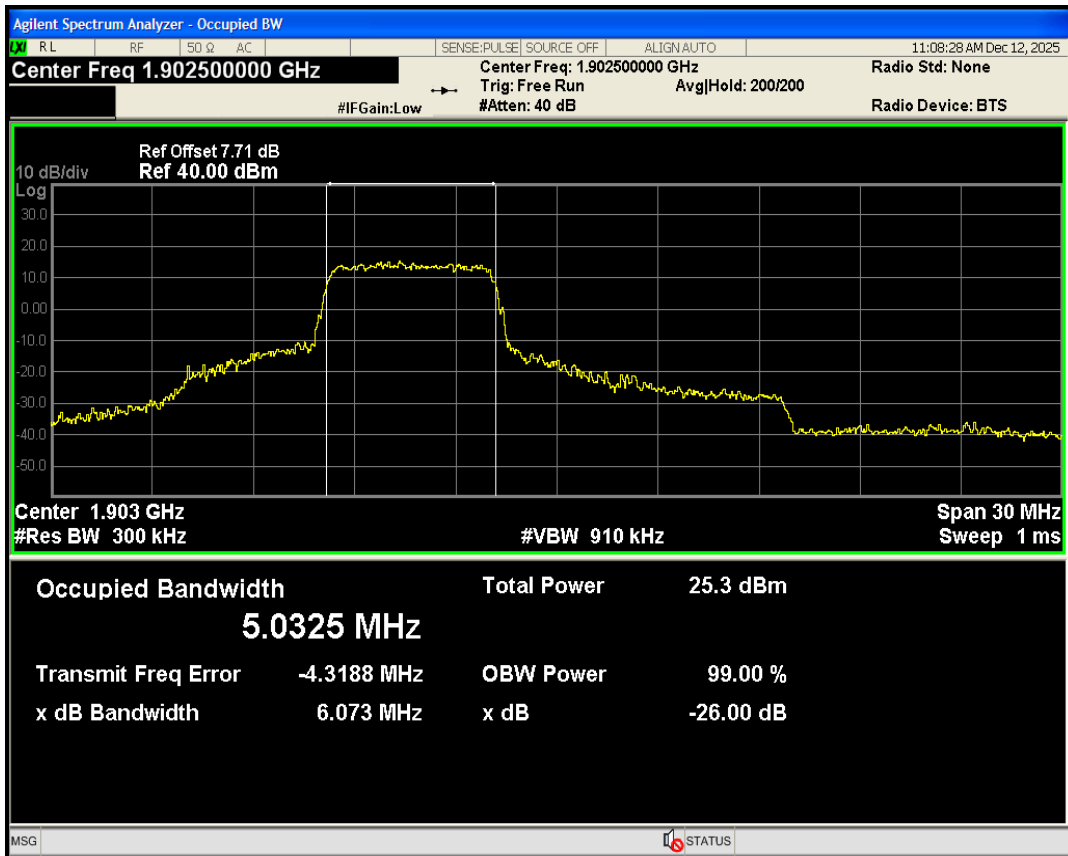


Report

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

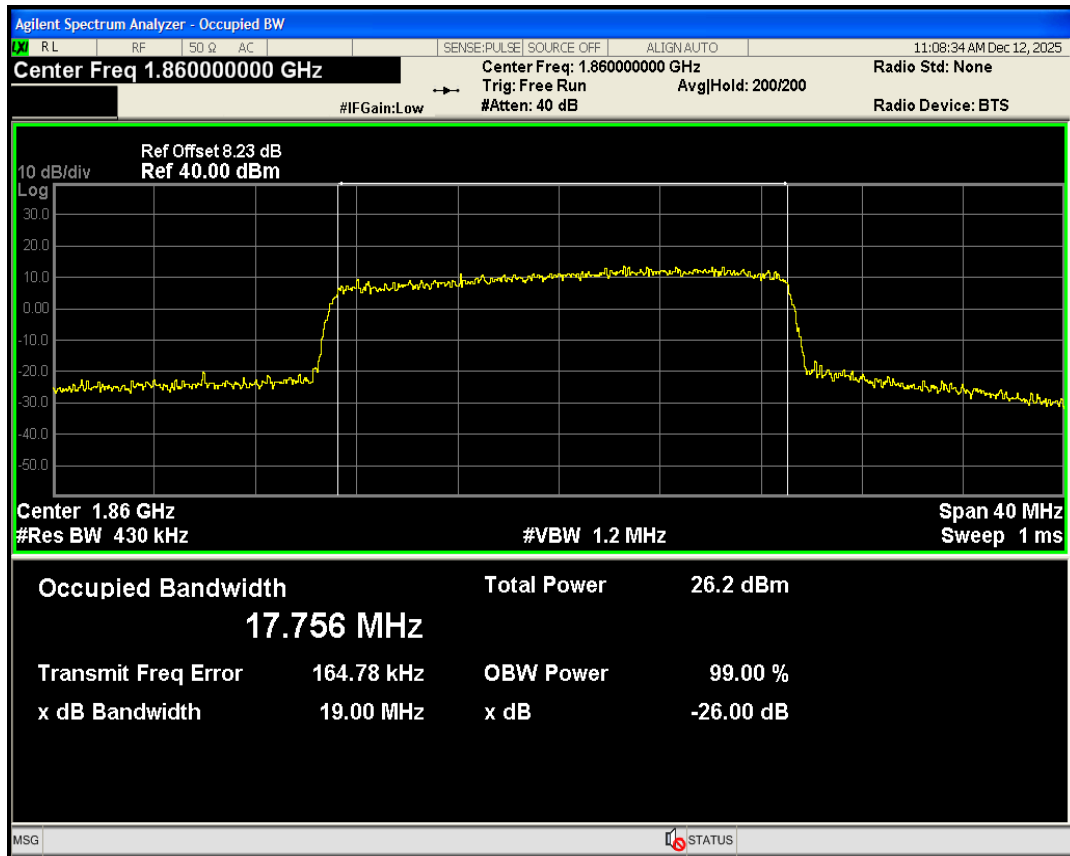


Band2 QAM16 BW=15MHz Channel=19125 RB Size=27 Position=#0

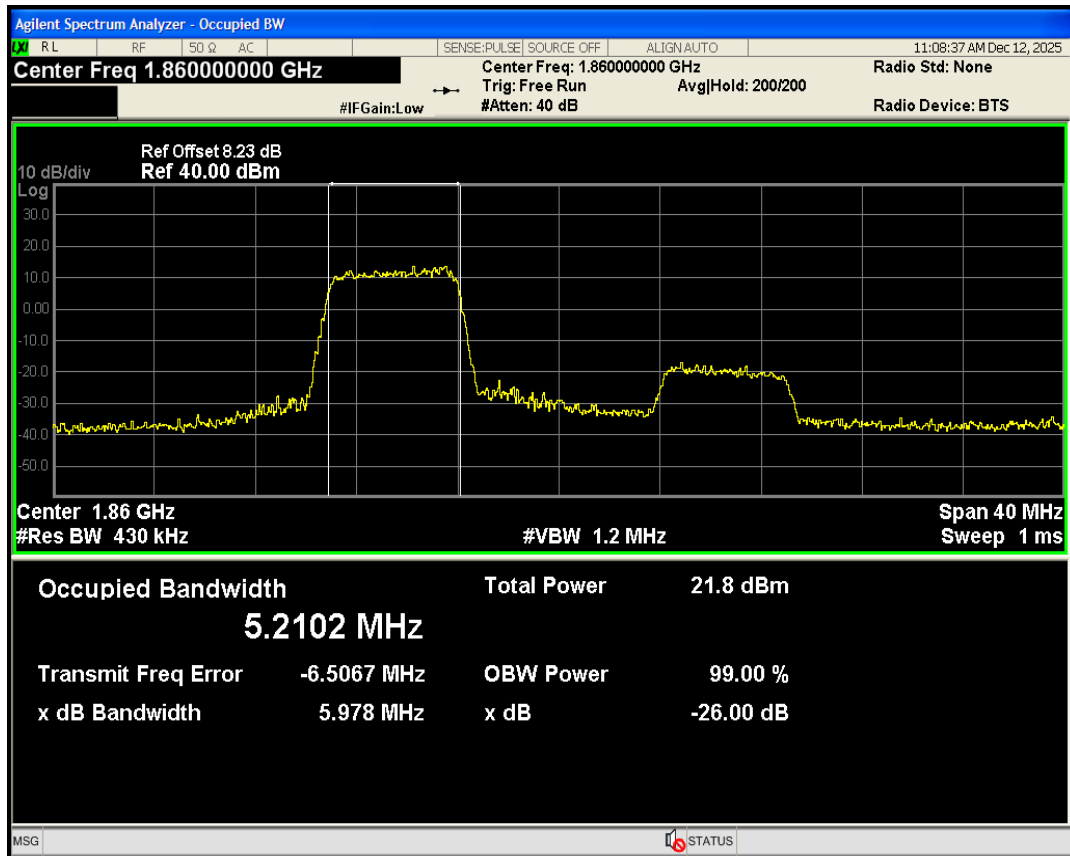


Report

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

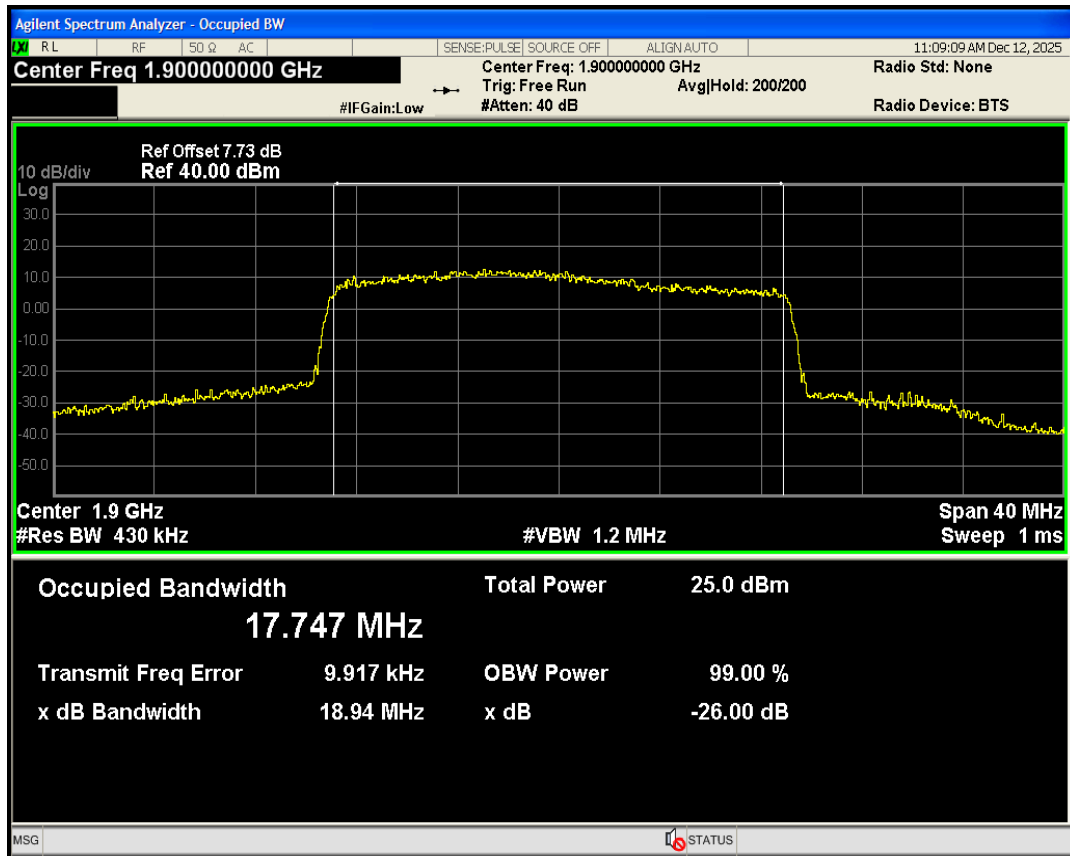


Band2 QAM16 BW=20MHz Channel=18700 RB Size=27 Position=#0

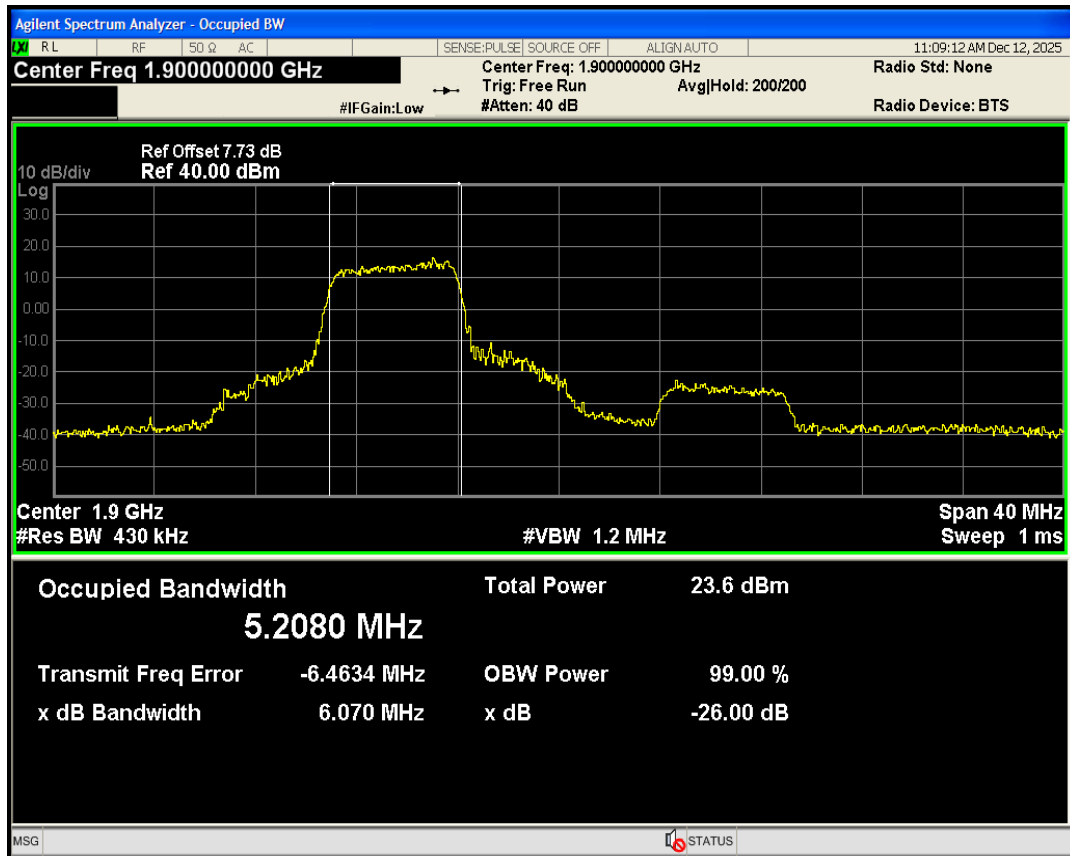


Report

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



Band2 QAM16 BW=20MHz Channel=19100 RB Size=27 Position=#0

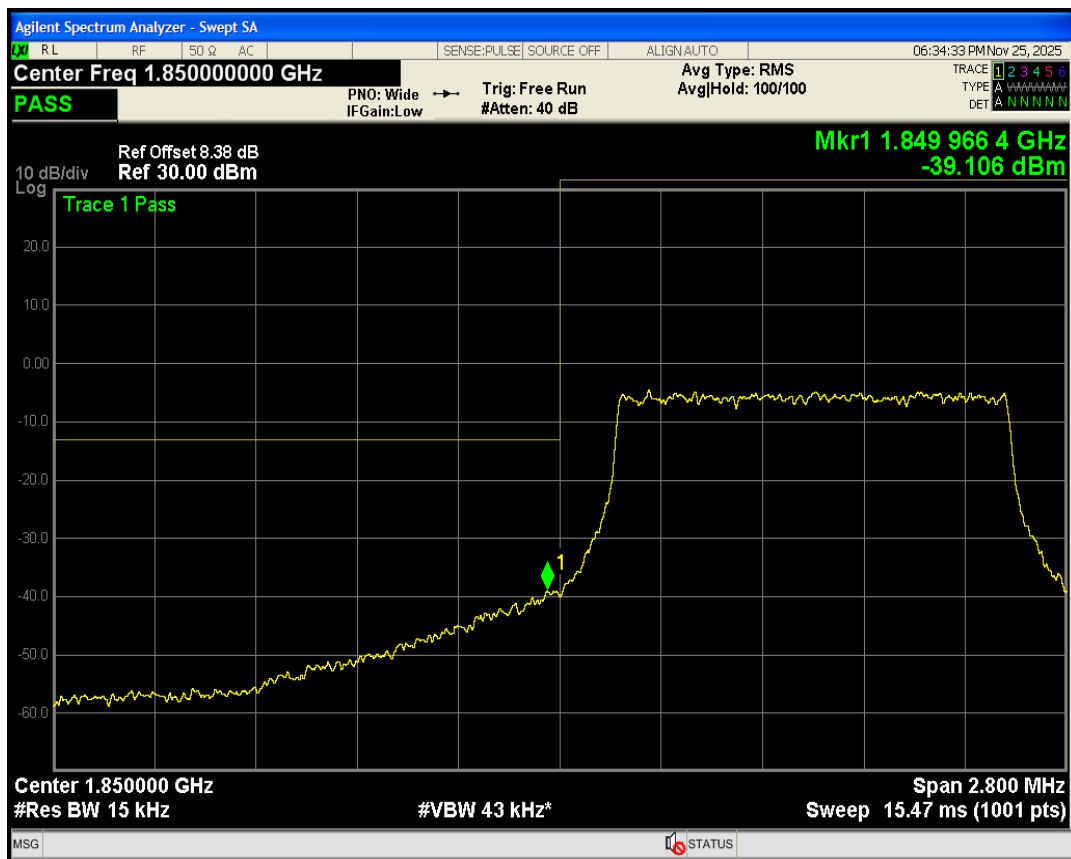


5. Band edge

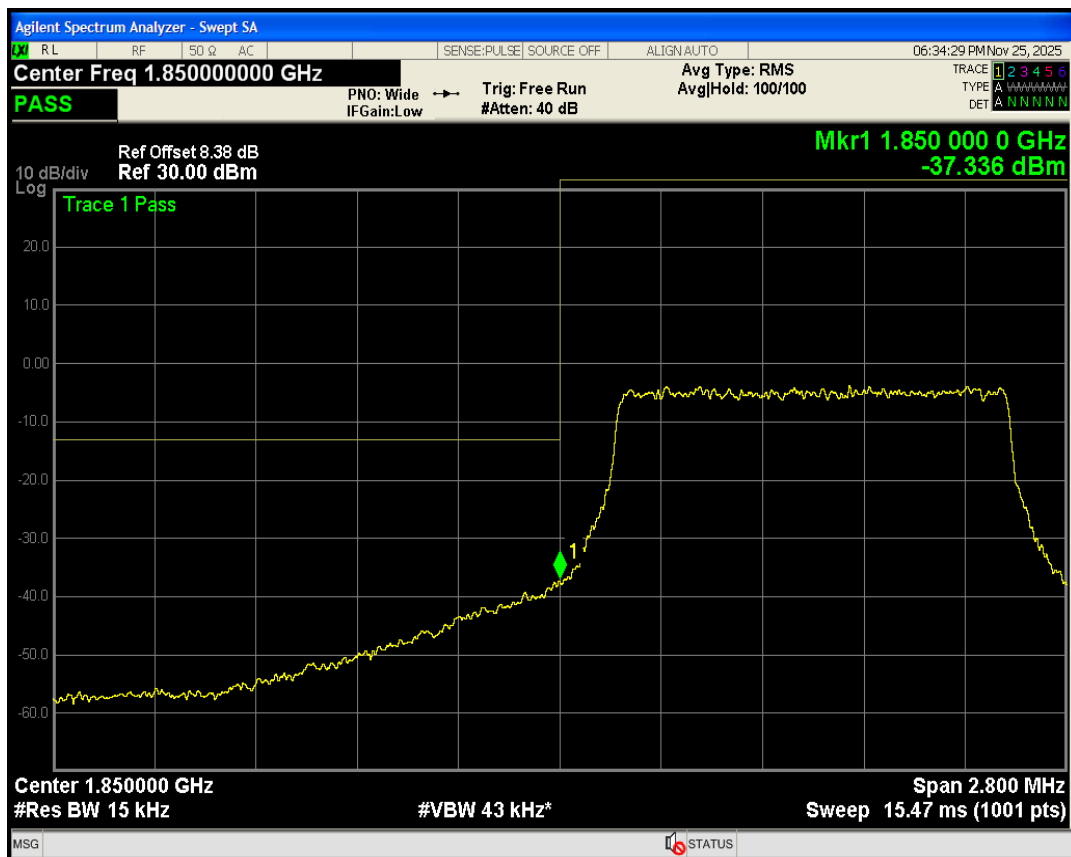
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	1850.00	-37.33	-13	PASS
Band2	1.4	18607	6	#0	QAM16	1849.97	-39.10	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.03	-34.62	-13	PASS
Band2	1.4	19193	6	#0	QAM16	1910.00	-35.79	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-40.15	-13	PASS
Band2	3	18615	15	#0	QAM16	1849.99	-40.33	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.00	-37.60	-13	PASS
Band2	3	19185	15	#0	QAM16	1910.00	-39.13	-13	PASS
Band2	5	18625	25	#0	QPSK	1850.00	-40.03	-13	PASS
Band2	5	18625	25	#0	QAM16	1849.98	-41.75	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-38.01	-13	PASS
Band2	5	19175	25	#0	QAM16	1910.00	-39.24	-13	PASS
Band2	10	18650	50	#0	QPSK	1850.00	-44.07	-13	PASS
Band2	10	18650	27	#0	QAM16	1850.00	-44.63	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.00	-41.96	-13	PASS
Band2	10	19150	27	#0	QAM16	1910.12	-49.31	-13	PASS
Band2	15	18675	75	#0	QPSK	1849.67	-36.60	-13	PASS
Band2	15	18675	27	#0	QAM16	1849.70	-44.73	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.24	-38.68	-13	PASS
Band2	15	19125	27	#0	QAM16	1912.49	-49.03	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.36	-35.13	-13	PASS
Band2	20	18700	27	#0	QAM16	1849.68	-44.62	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.72	-39.23	-13	PASS
Band2	20	19100	27	#0	QAM16	1915.60	-49.04	-13	PASS

Report

Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



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



Report

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

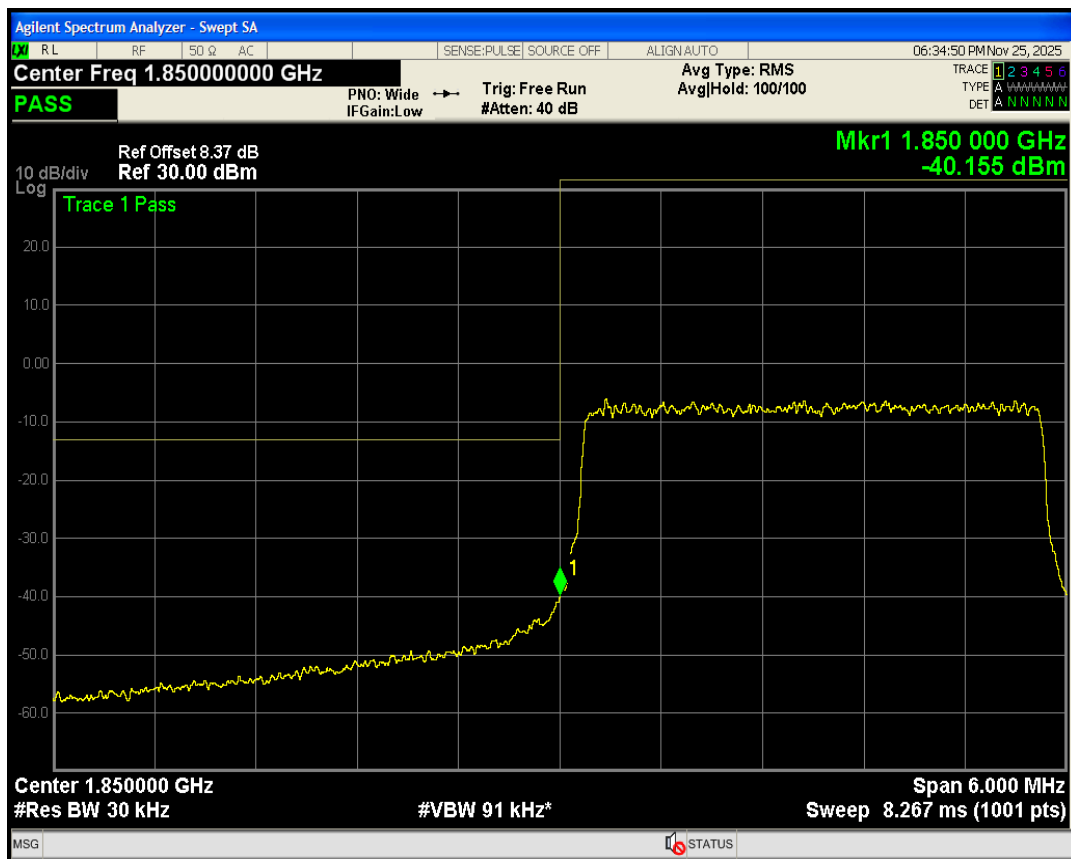


Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0

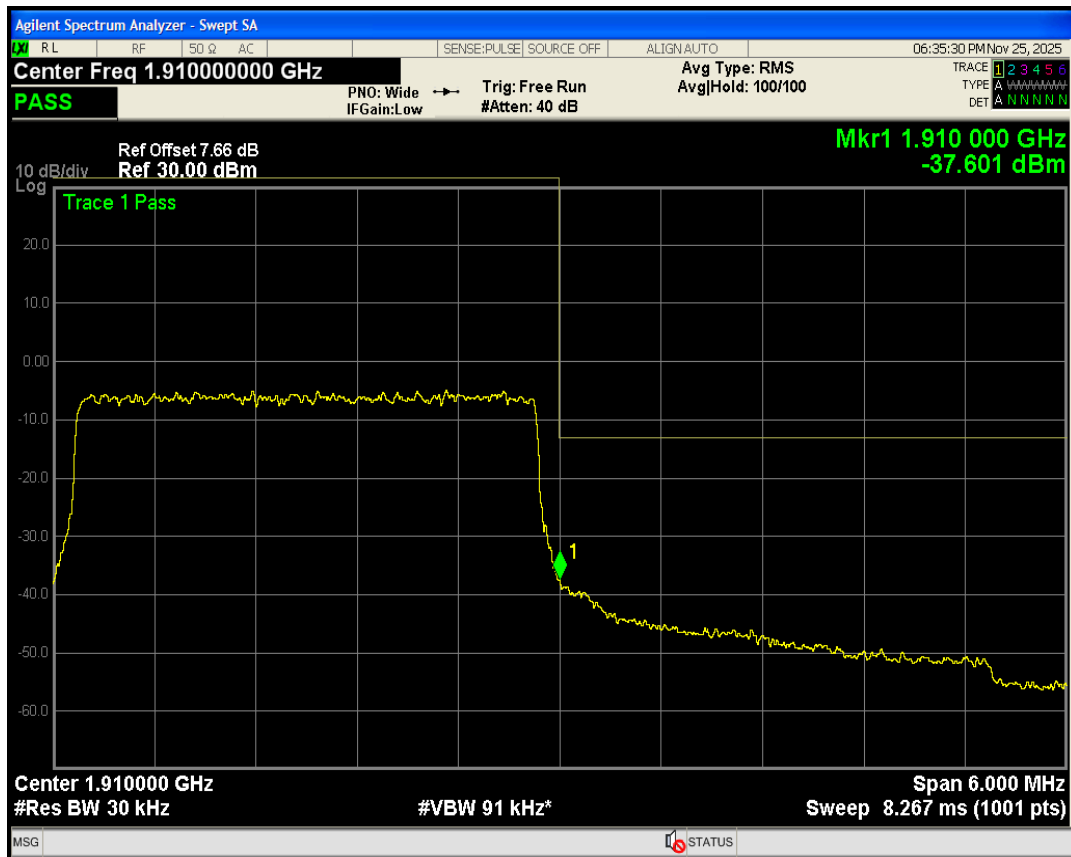


Report

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

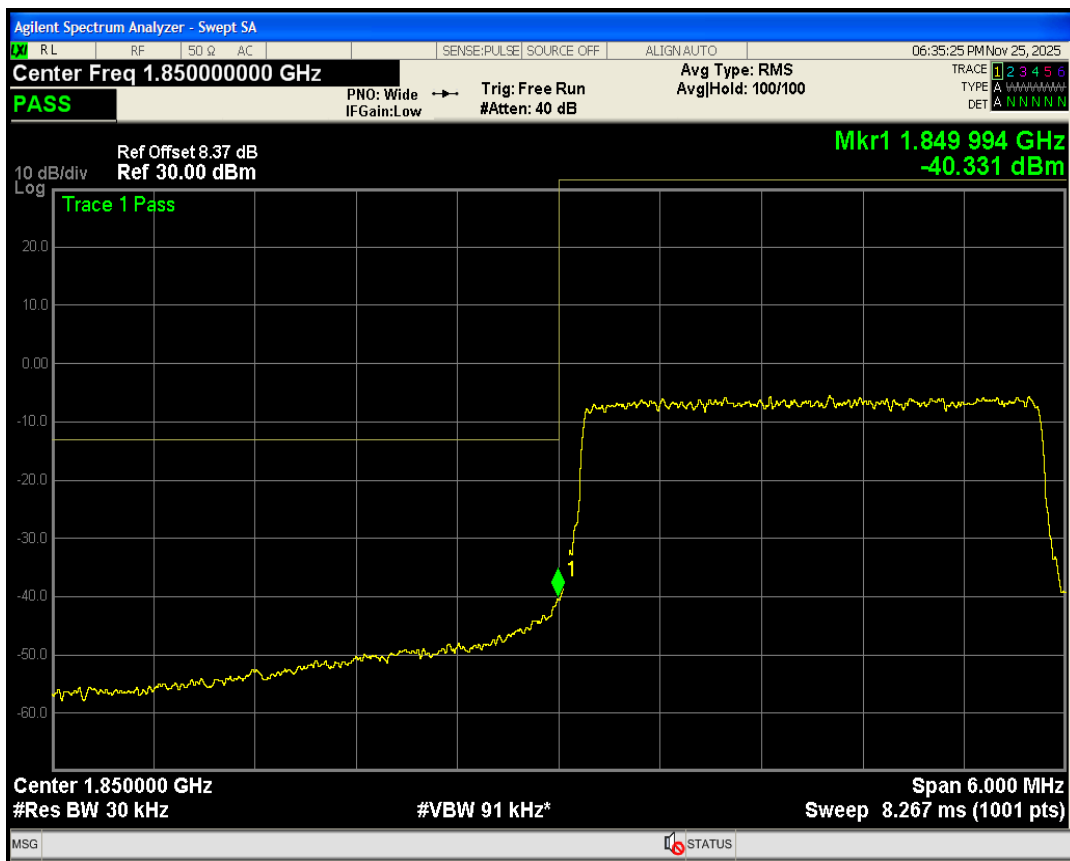


Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0

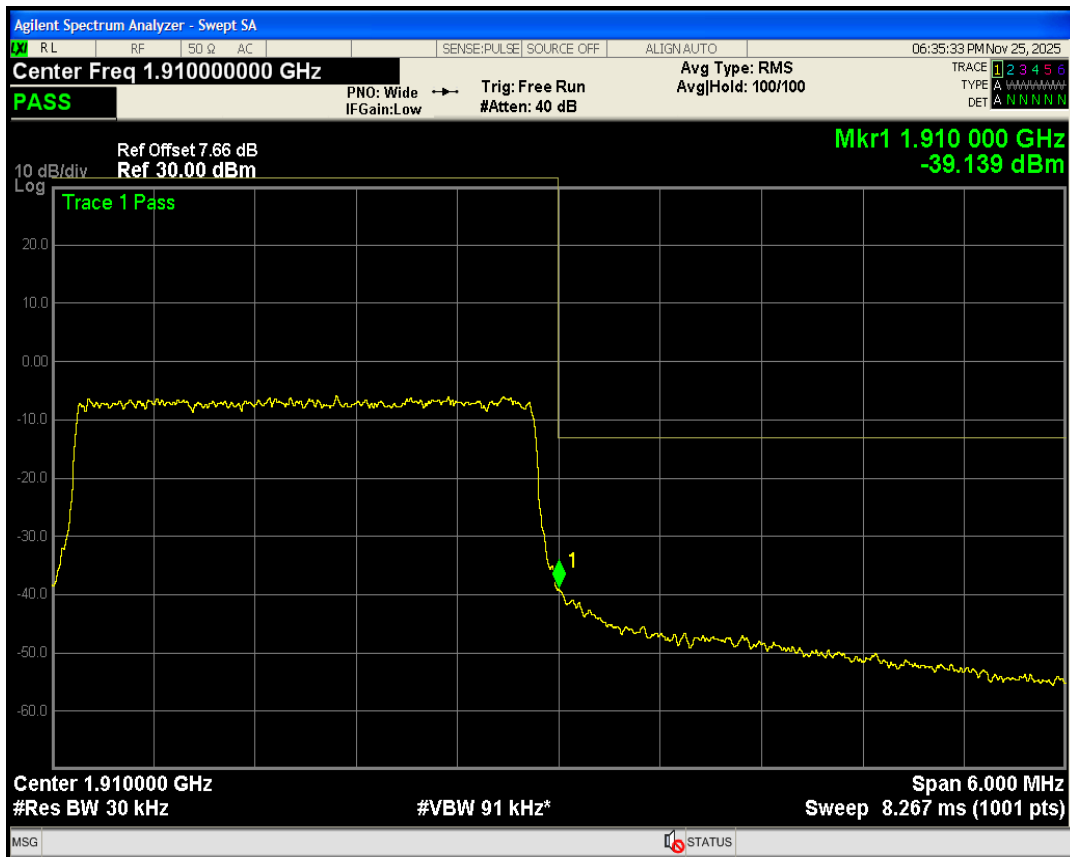


Report

Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0

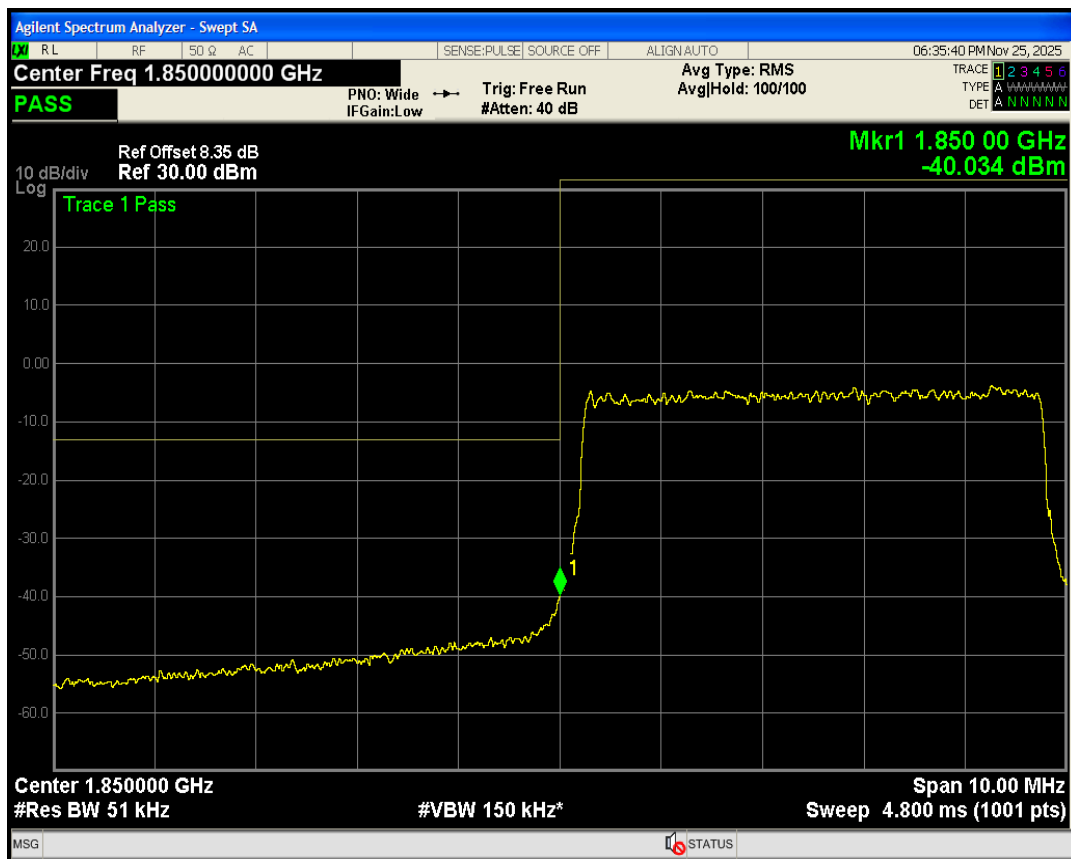


Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0

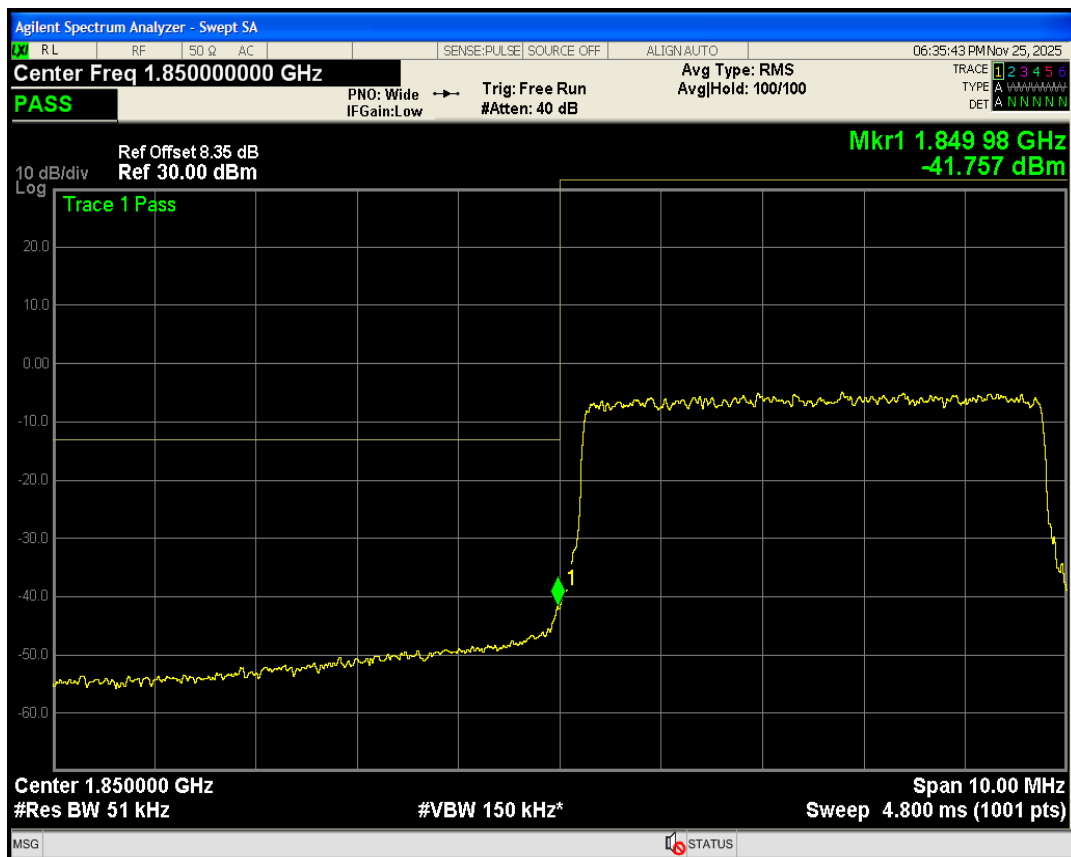


Report

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

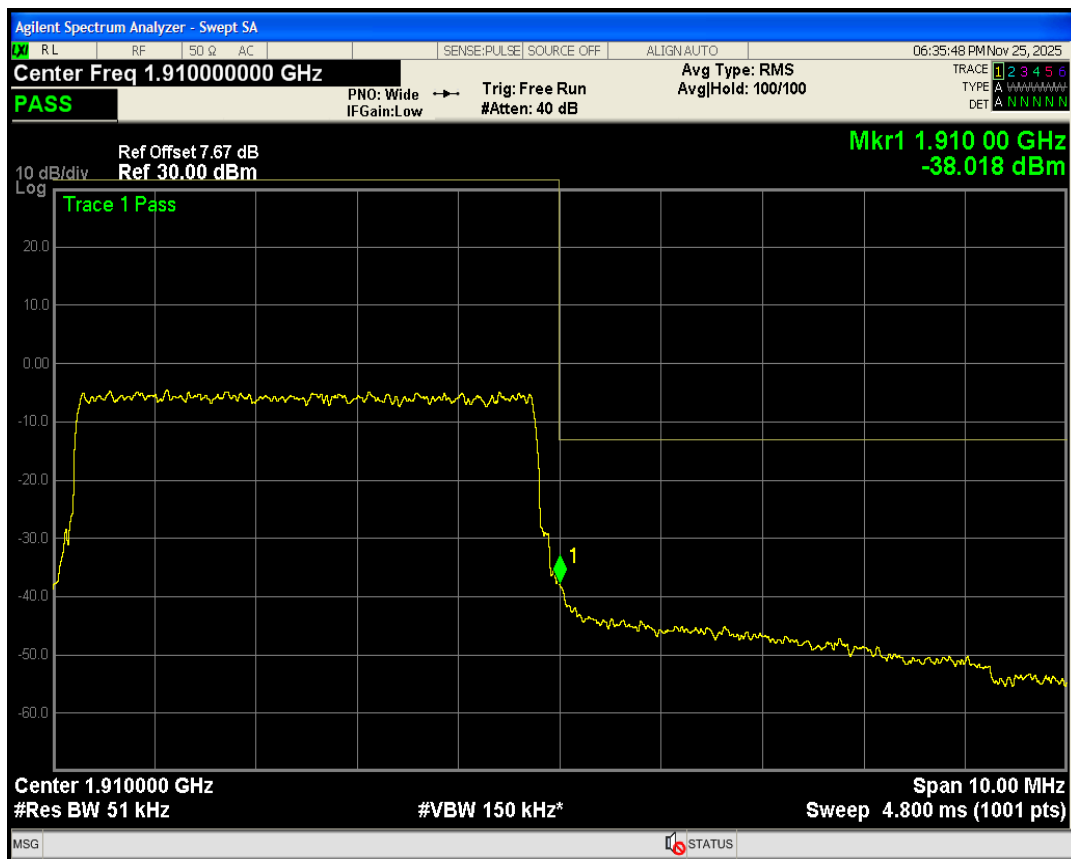


Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0

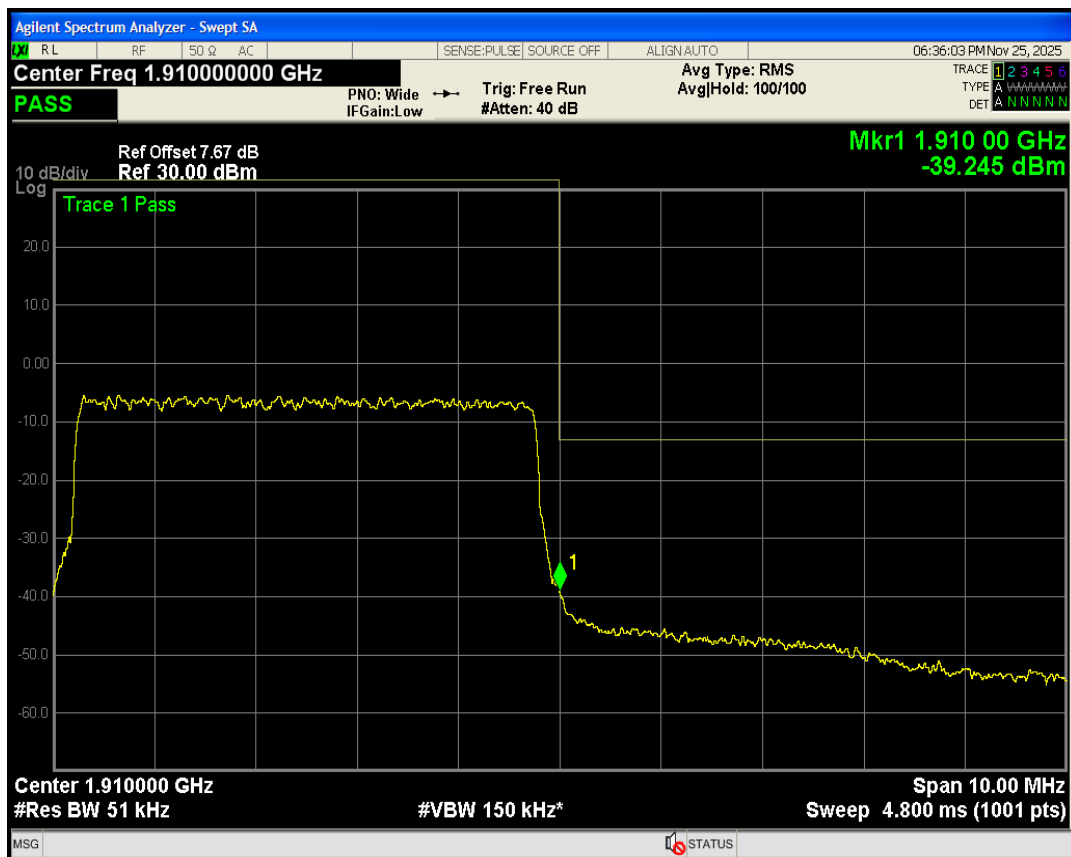


Report

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

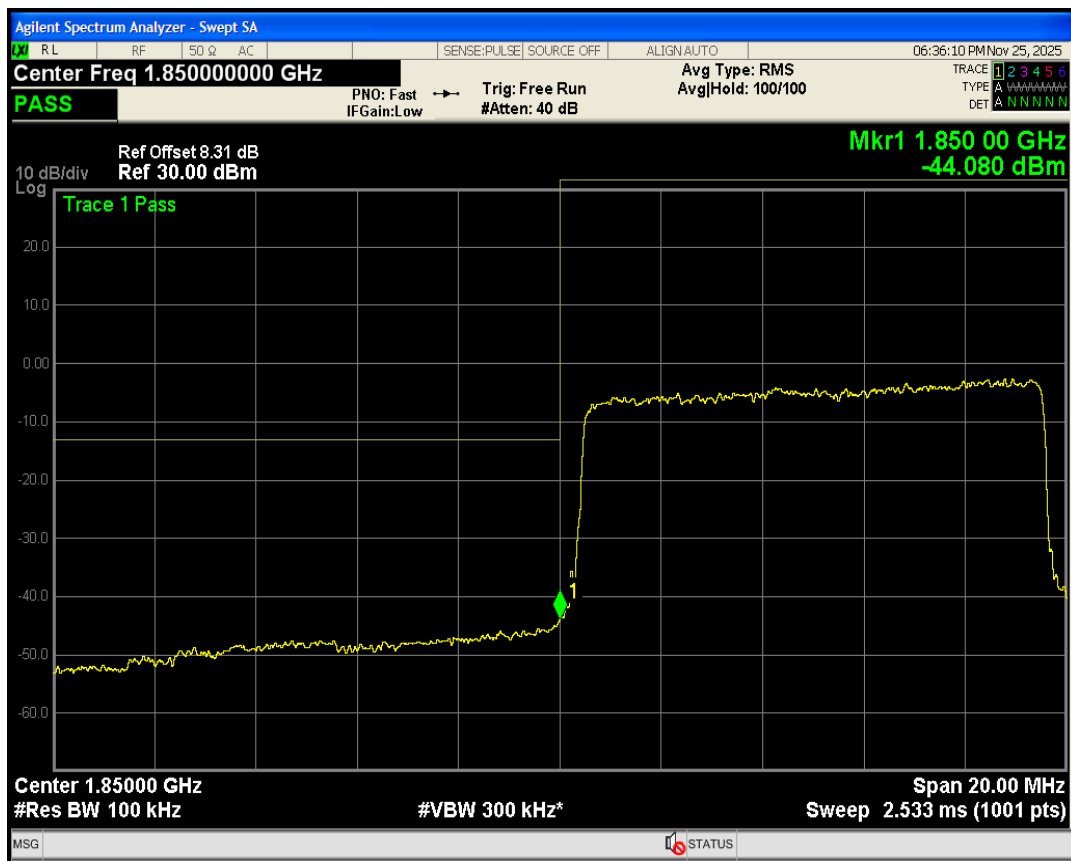


Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0

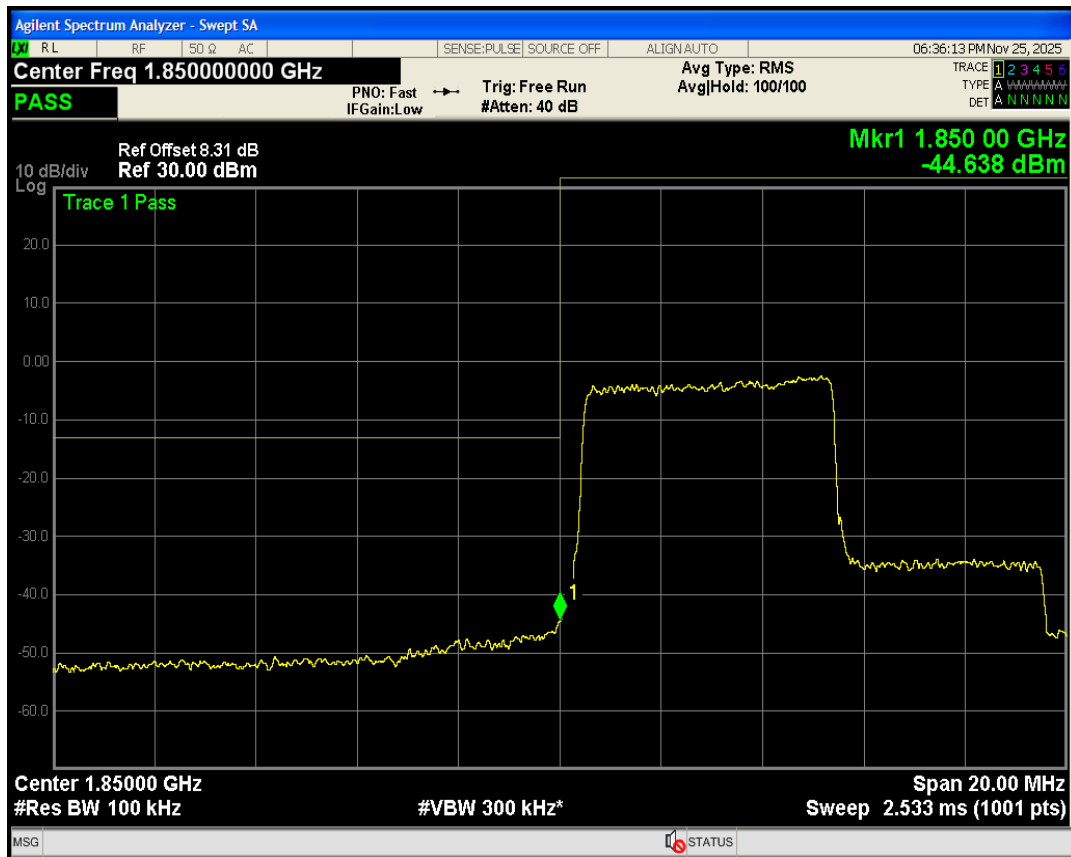


Report

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

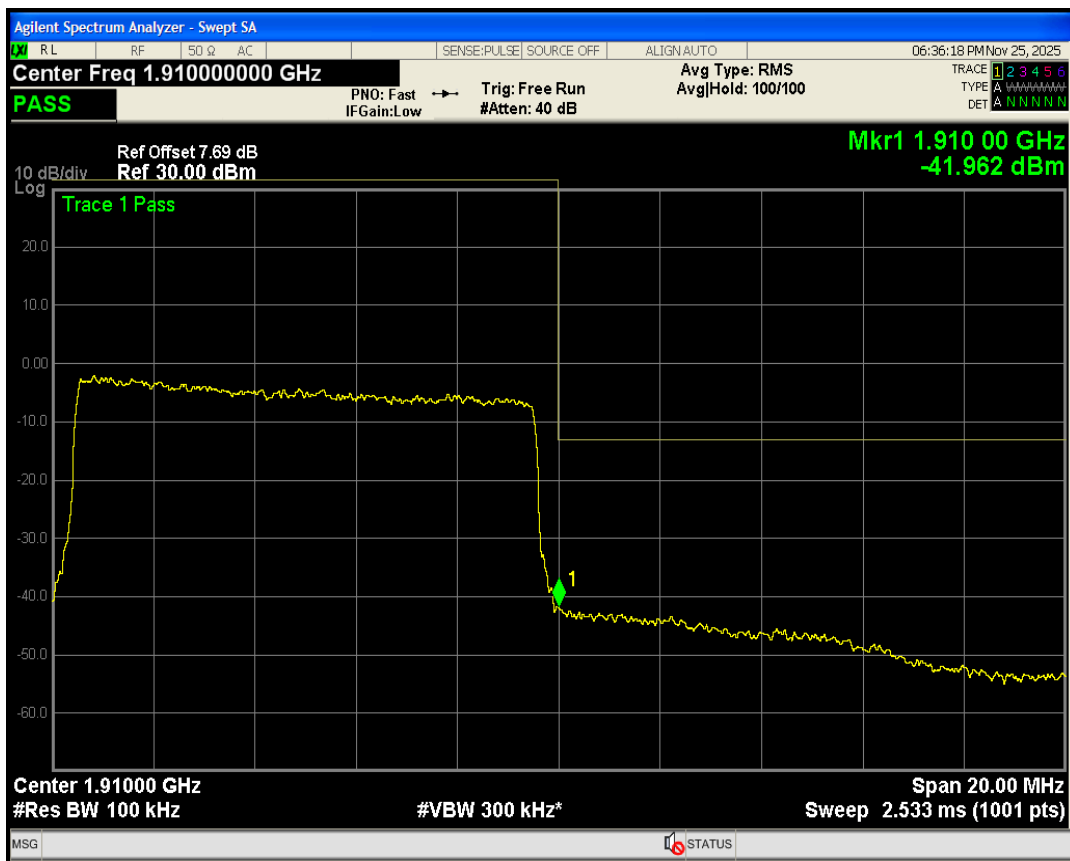


Band2 QAM16 BW=10MHz Channel=18650 RB Size=27 Position=#0

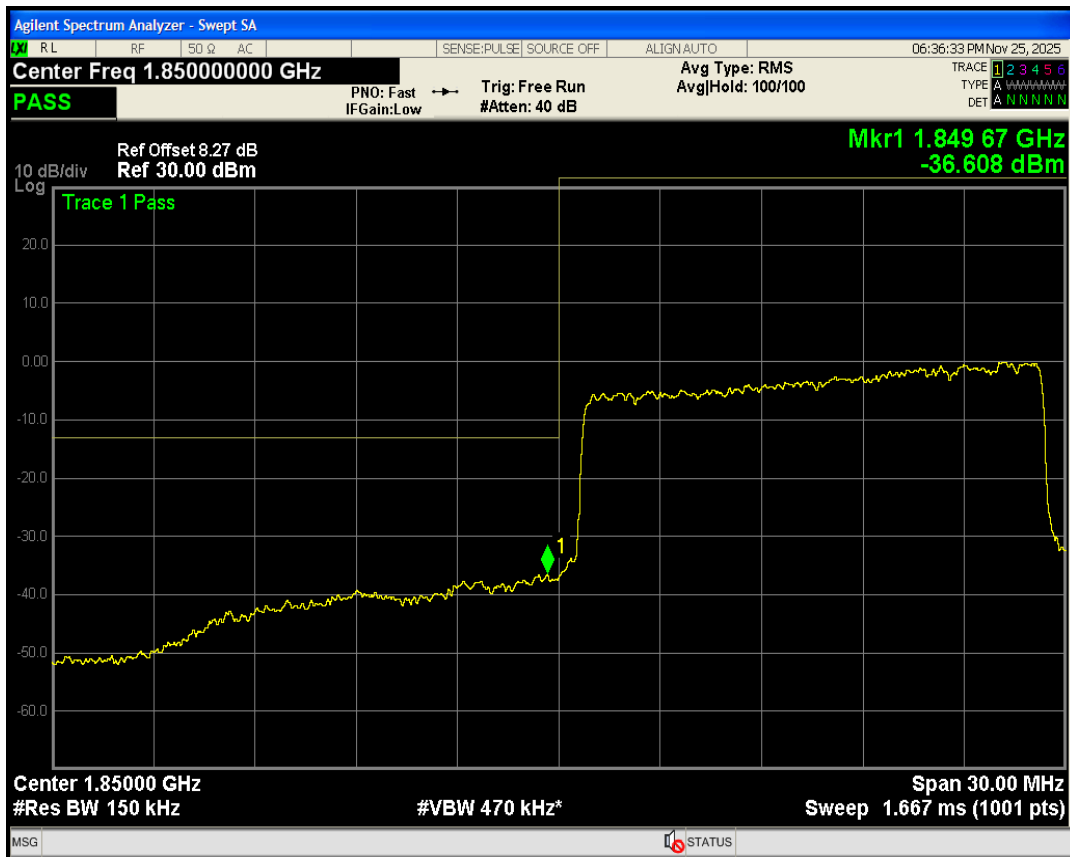


Report

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



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

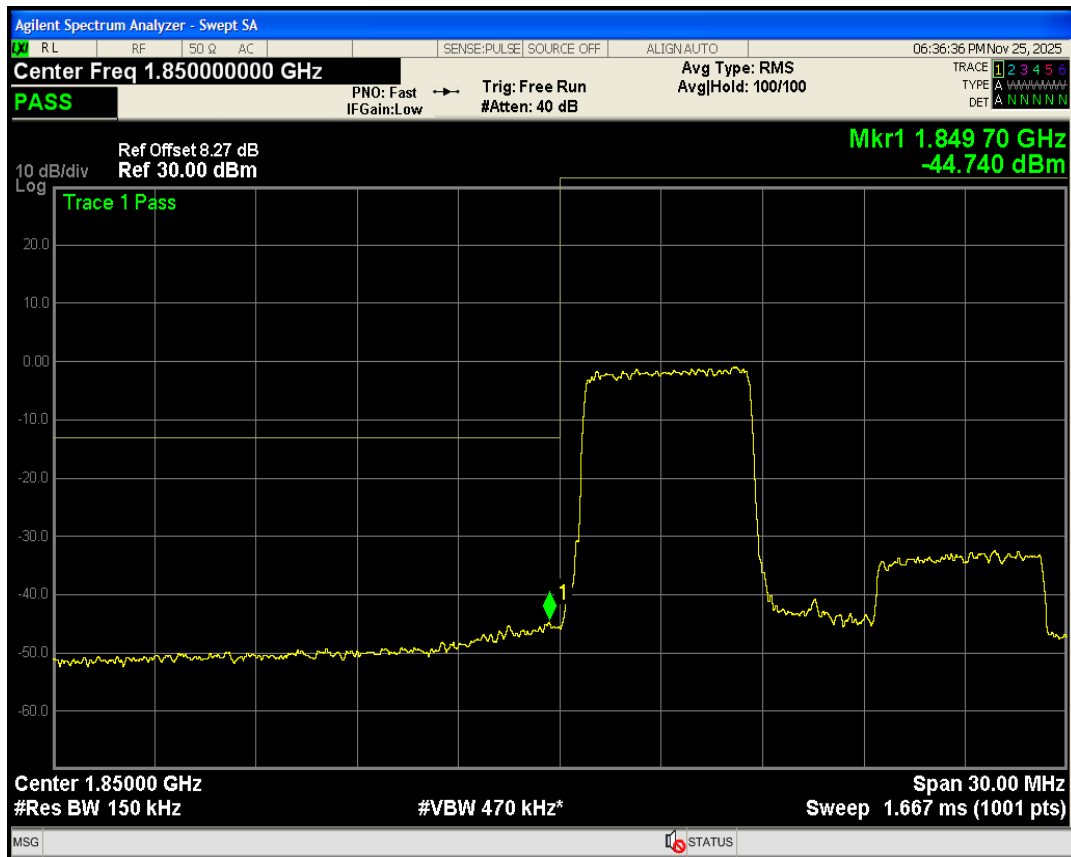


Report

Band2 QAM16 BW=10MHz Channel=19150 RB Size=27 Position=#0

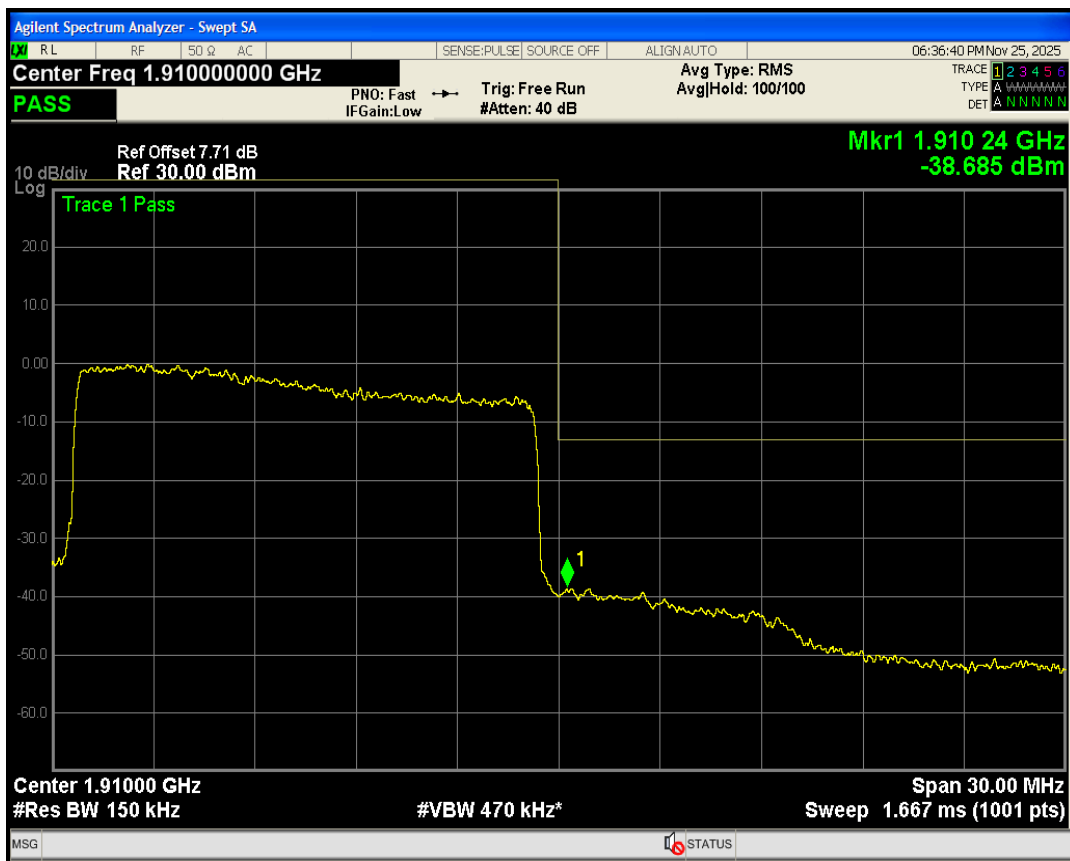


Band2 QAM16 BW=15MHz Channel=18675 RB Size=27 Position=#0

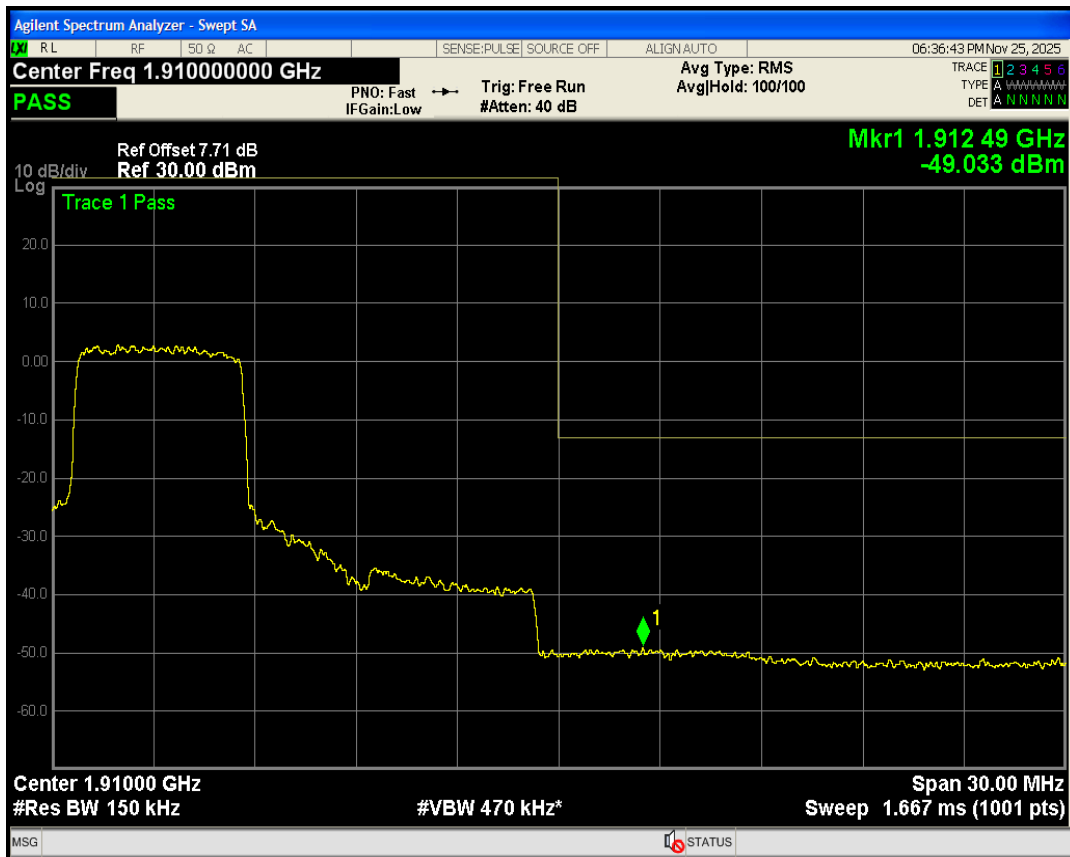


Report

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

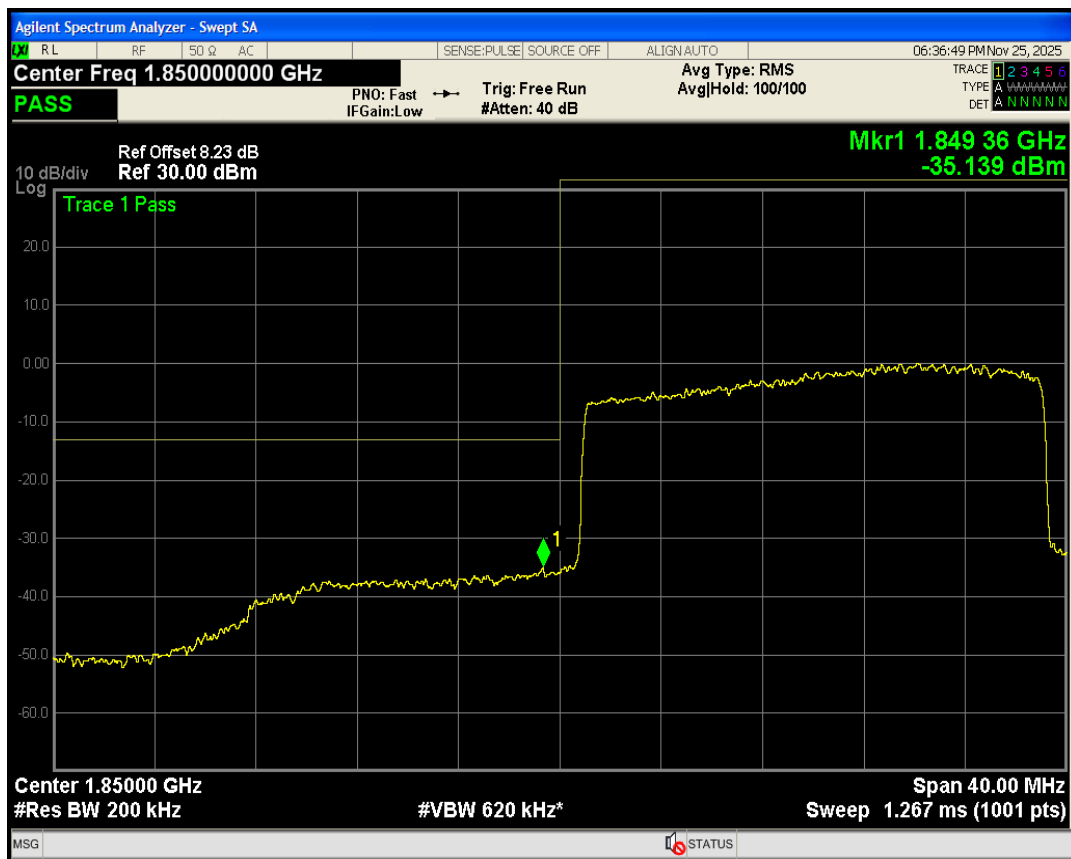


Band2 QAM16 BW=15MHz Channel=19125 RB Size=27 Position=#0

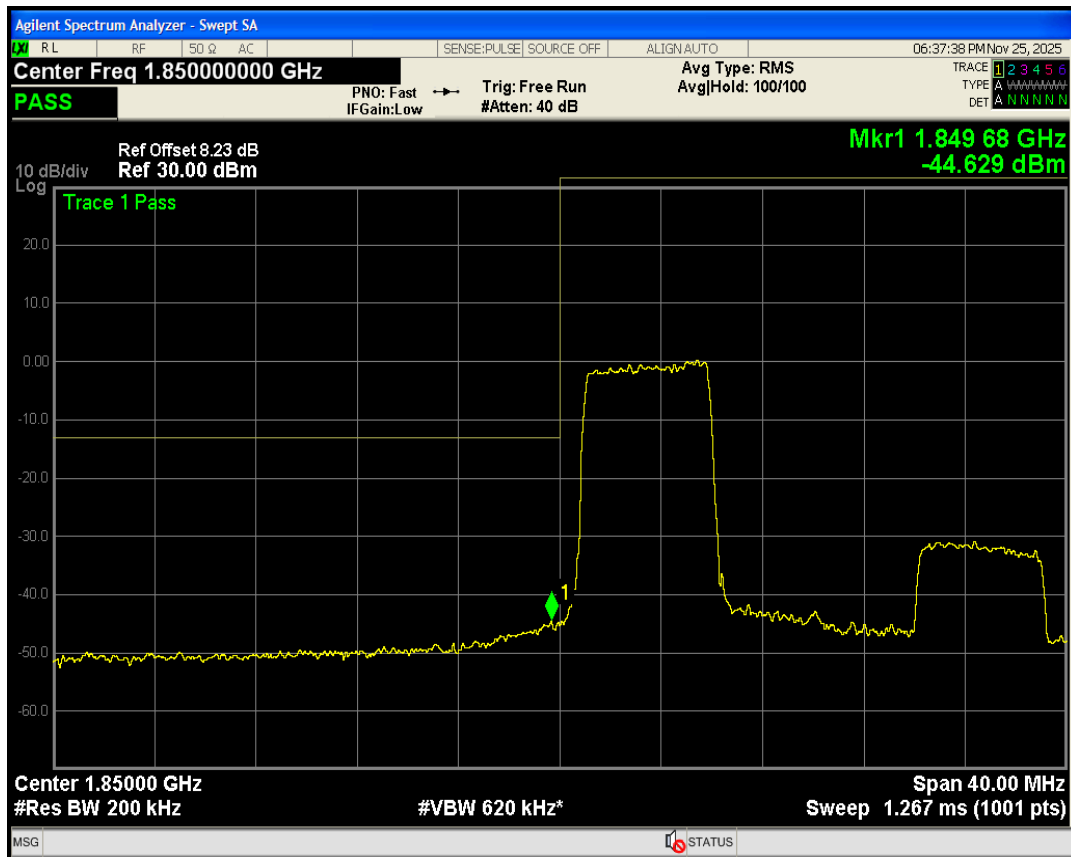


Report

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



Band2 QAM16 BW=20MHz Channel=18700 RB Size=27 Position=#0

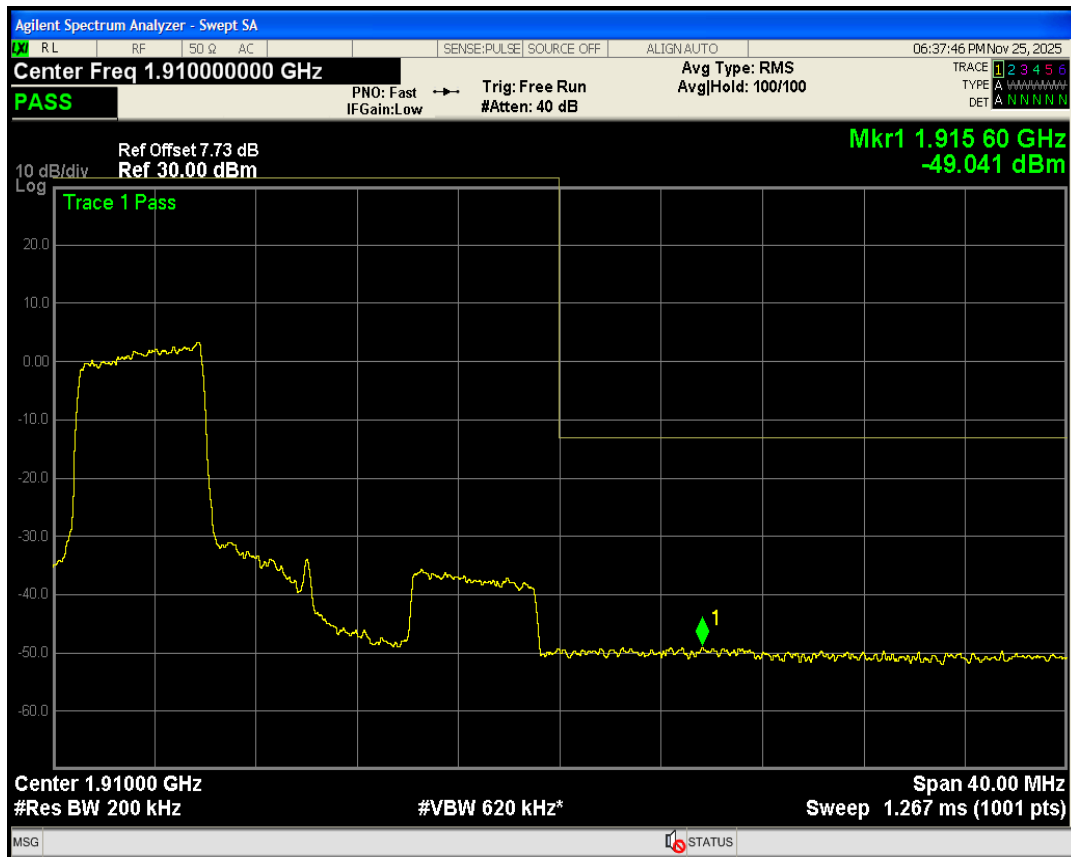


Report

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



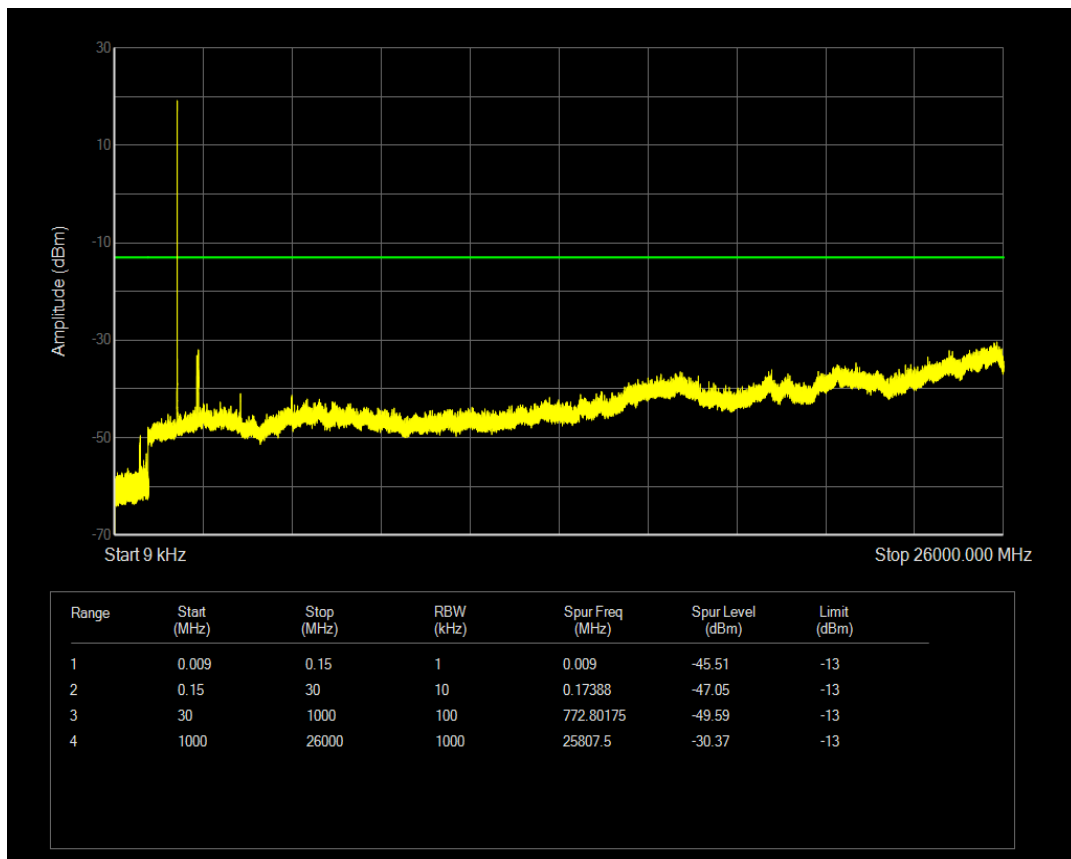
Band2 QAM16 BW=20MHz Channel=19100 RB Size=27 Position=#0



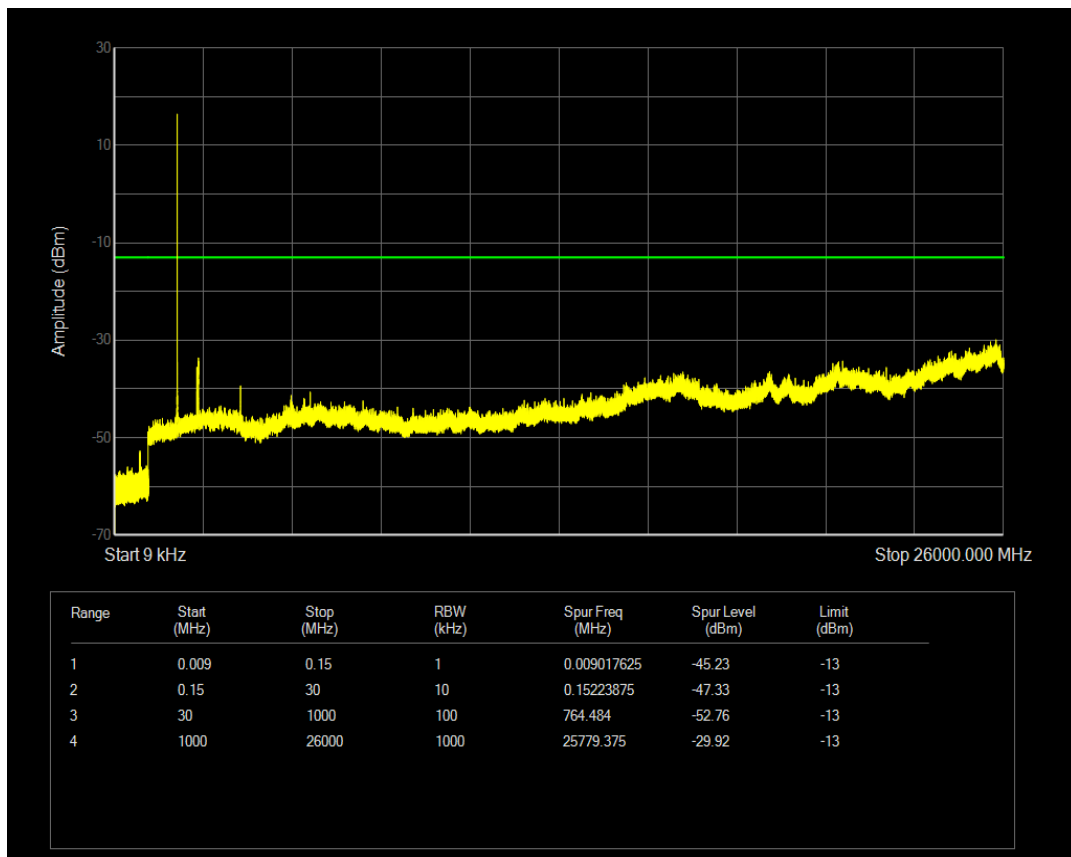
6. Out-of-band emissions

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	25779.38	-29.92	-13	PASS
Band2	1.4	18607	6	#0	QAM16	25807.50	-30.37	-13	PASS
Band2	1.4	19193	6	#0	QPSK	25415.00	-31.26	-13	PASS
Band2	1.4	19193	6	#0	QAM16	2470.63	-31.10	-13	PASS
Band2	3	18615	15	#0	QPSK	25590.00	-30.11	-13	PASS
Band2	3	18615	15	#0	QAM16	2425.00	-29.82	-13	PASS
Band2	3	19185	15	#0	QPSK	25857.50	-30.88	-13	PASS
Band2	3	19185	15	#0	QAM16	25743.75	-30.62	-13	PASS
Band2	5	18625	25	#0	QPSK	25753.75	-29.62	-13	PASS
Band2	5	18625	25	#0	QAM16	2475.00	-29.98	-13	PASS
Band2	5	19175	25	#0	QPSK	25736.88	-30.51	-13	PASS
Band2	5	19175	25	#0	QAM16	25750.63	-31.02	-13	PASS
Band2	10	18650	50	#0	QPSK	25610.63	-29.82	-13	PASS
Band2	10	18650	27	#0	QAM16	25720.63	-29.91	-13	PASS
Band2	10	19150	50	#0	QPSK	25622.50	-30.66	-13	PASS
Band2	10	19150	27	#0	QAM16	25773.75	-29.99	-13	PASS
Band2	15	18675	75	#0	QPSK	25804.38	-30.64	-13	PASS
Band2	15	18675	27	#0	QAM16	25705.63	-30.11	-13	PASS
Band2	15	19125	75	#0	QPSK	25785.00	-30.58	-13	PASS
Band2	15	19125	27	#0	QAM16	2418.75	-28.50	-13	PASS
Band2	20	18700	100	#0	QPSK	25670.00	-29.13	-13	PASS
Band2	20	18700	27	#0	QAM16	2413.75	-29.76	-13	PASS
Band2	20	19100	100	#0	QPSK	2411.88	-29.89	-13	PASS
Band2	20	19100	27	#0	QAM16	25796.88	-30.76	-13	PASS

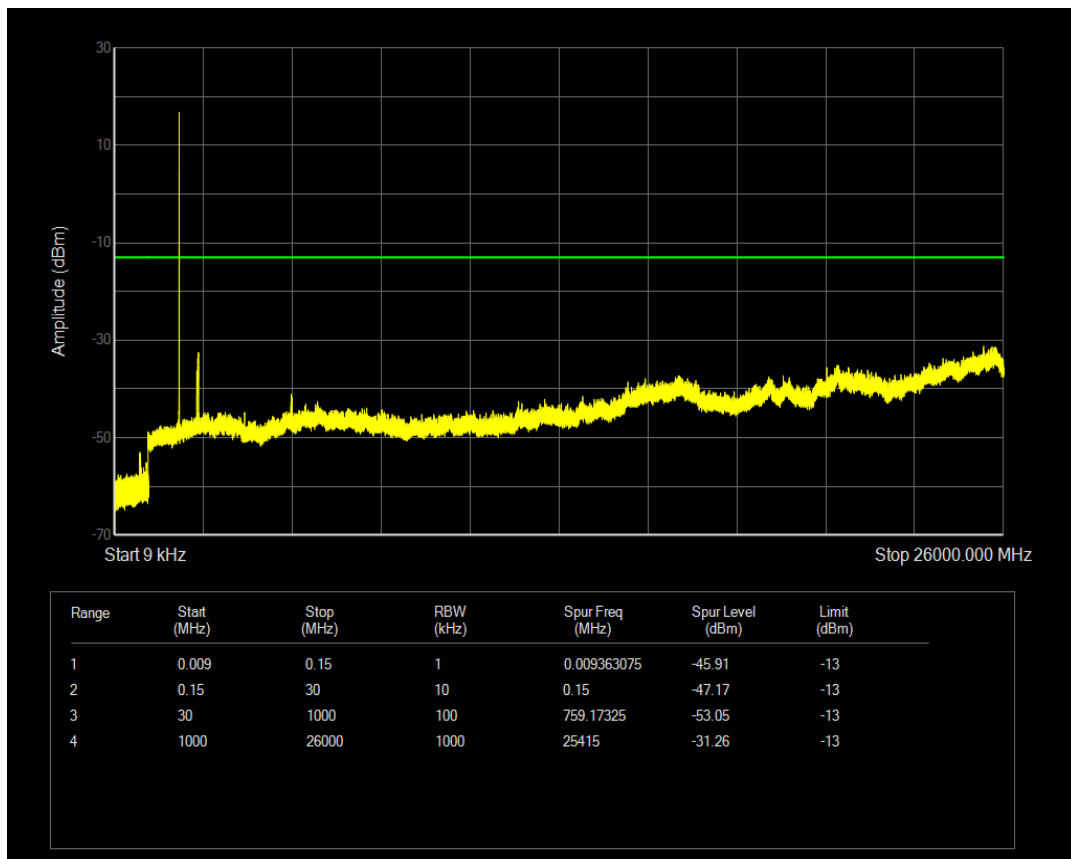
Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



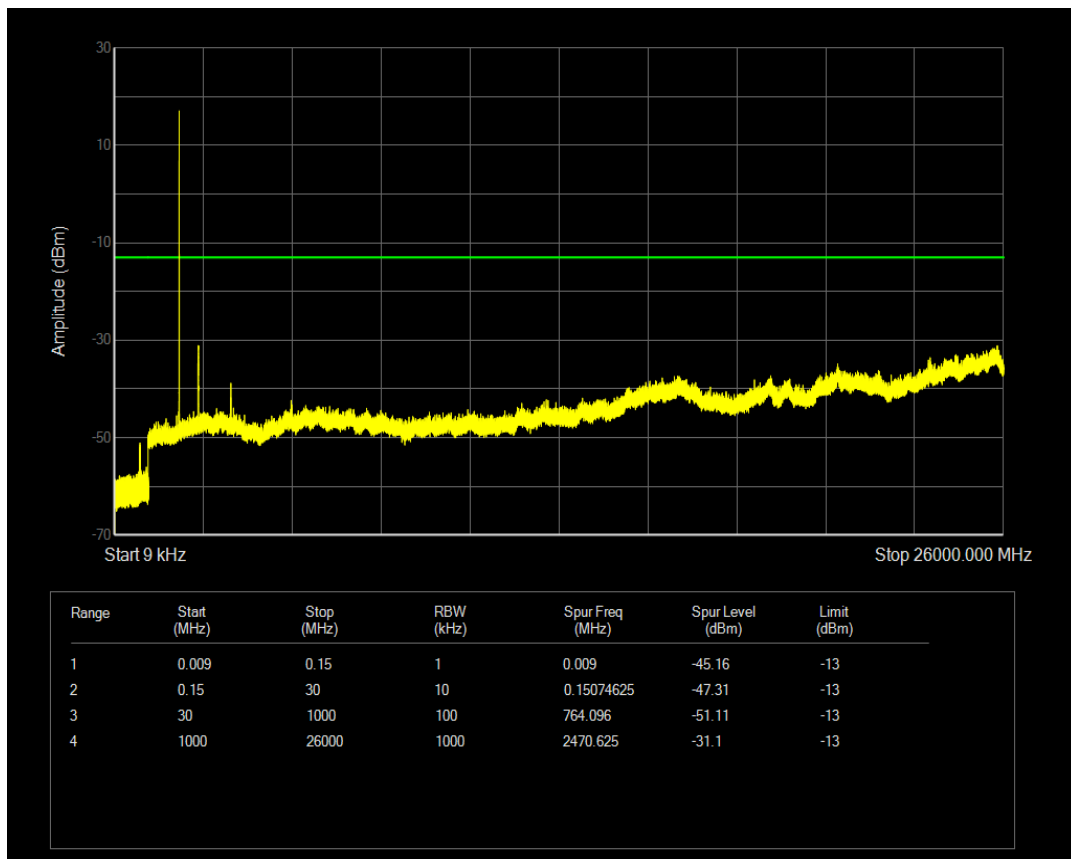
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



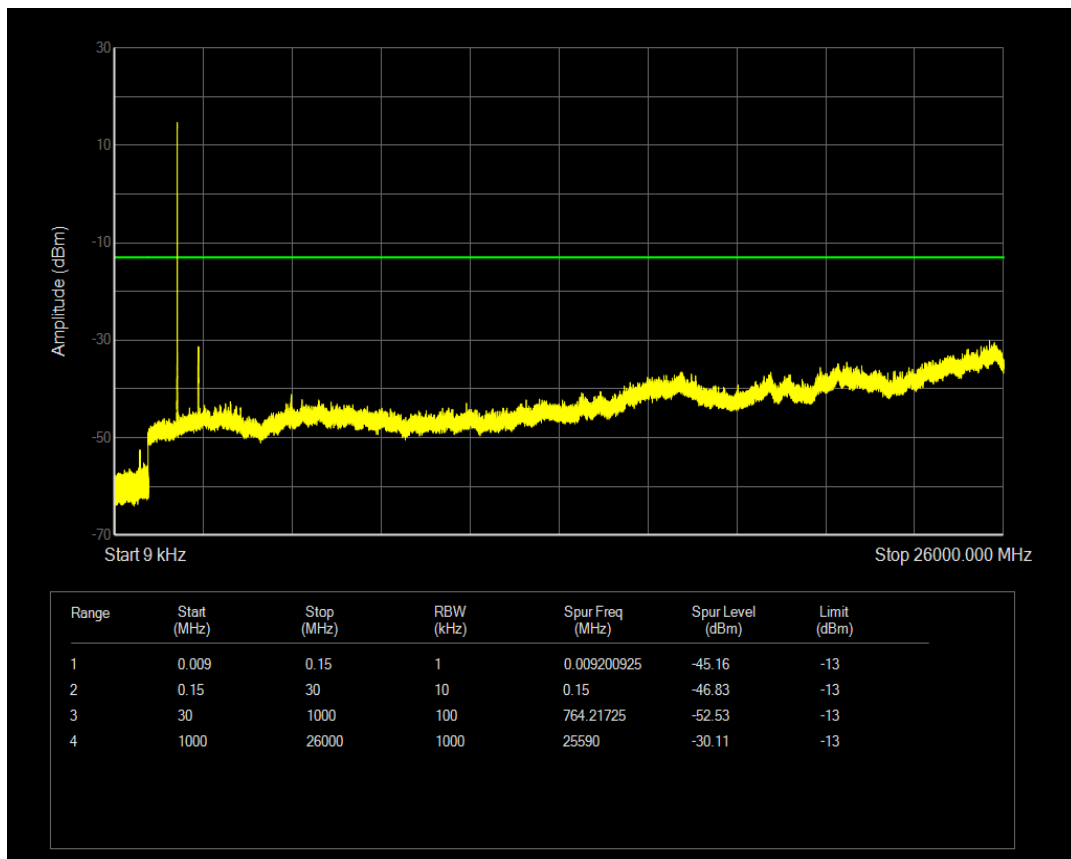
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



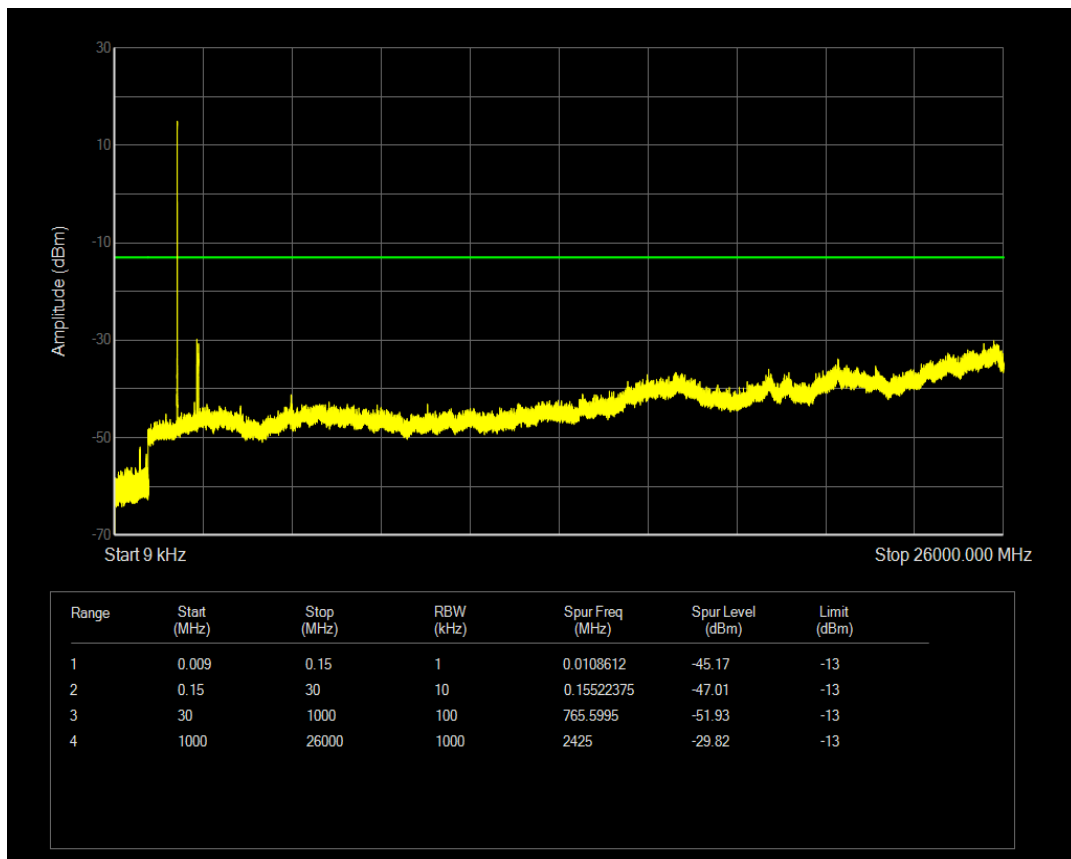
Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



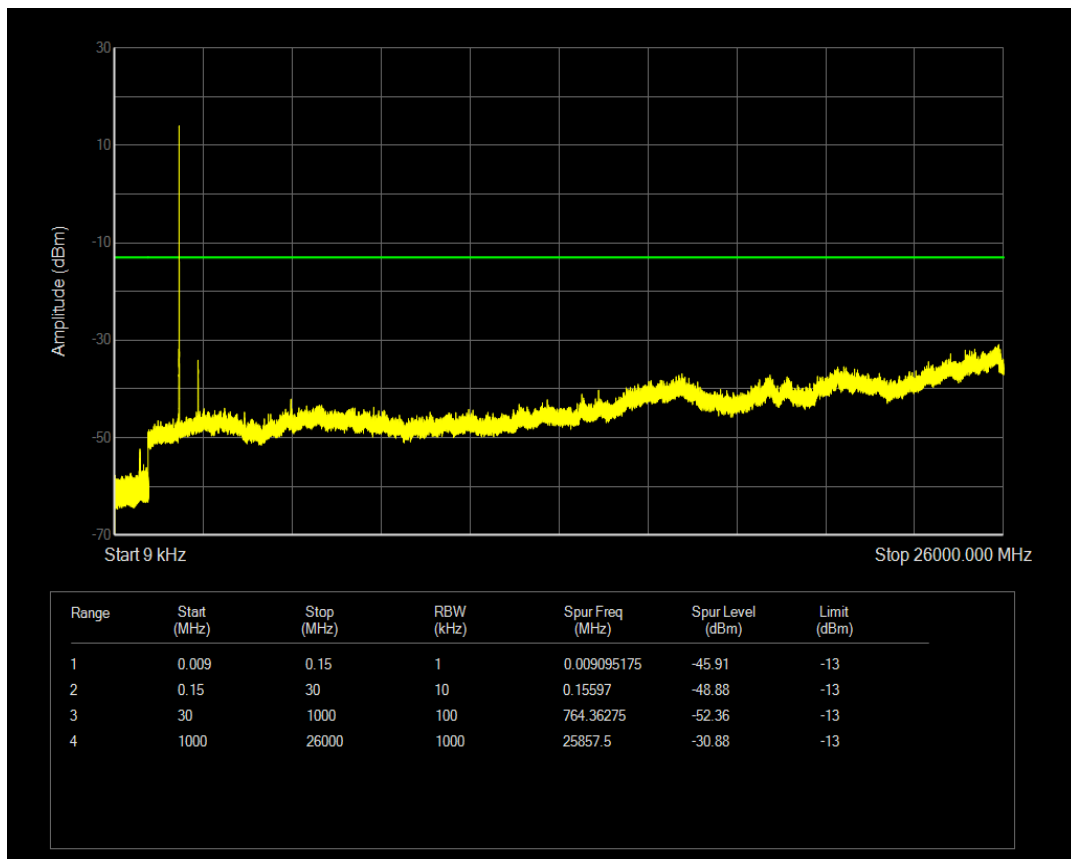
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



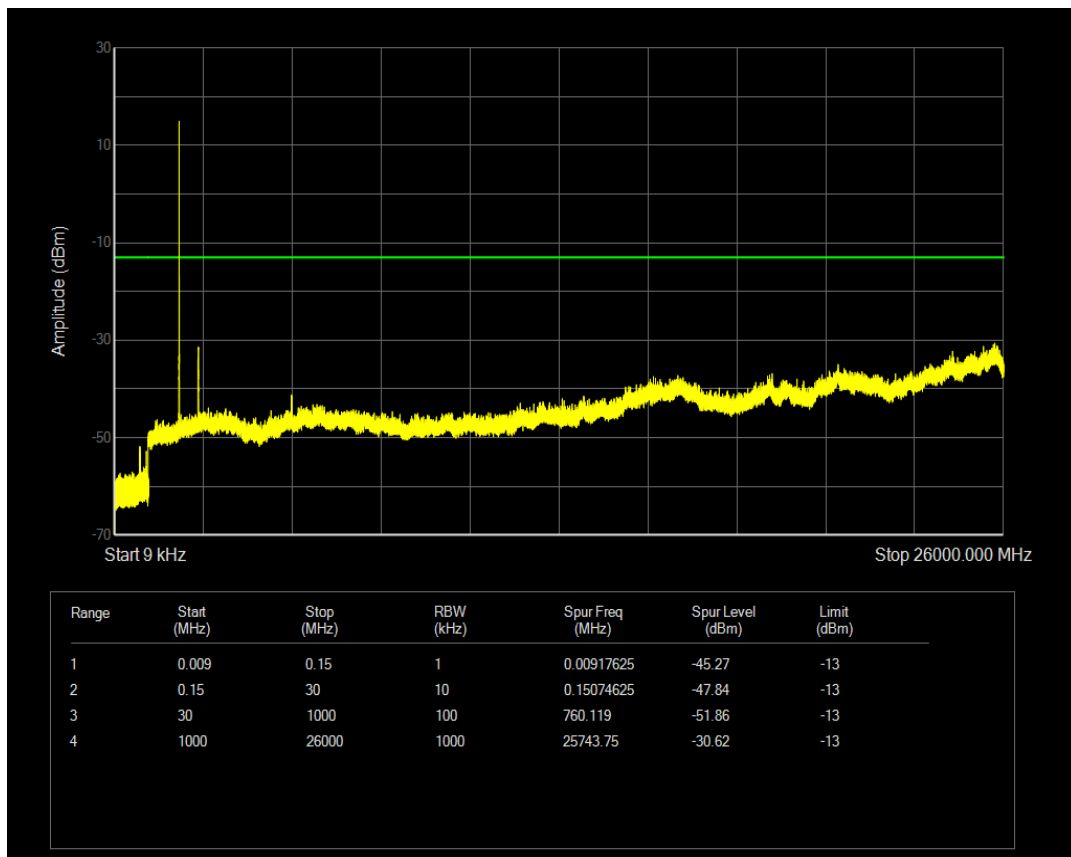
Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



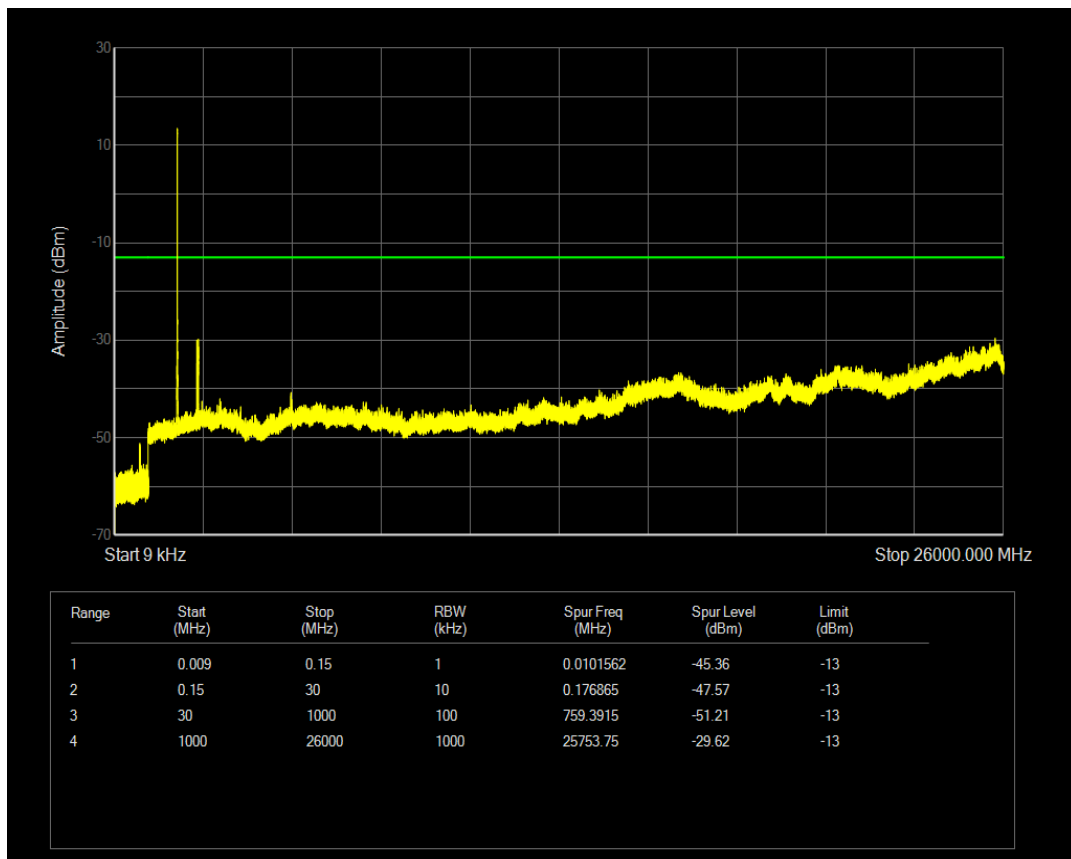
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



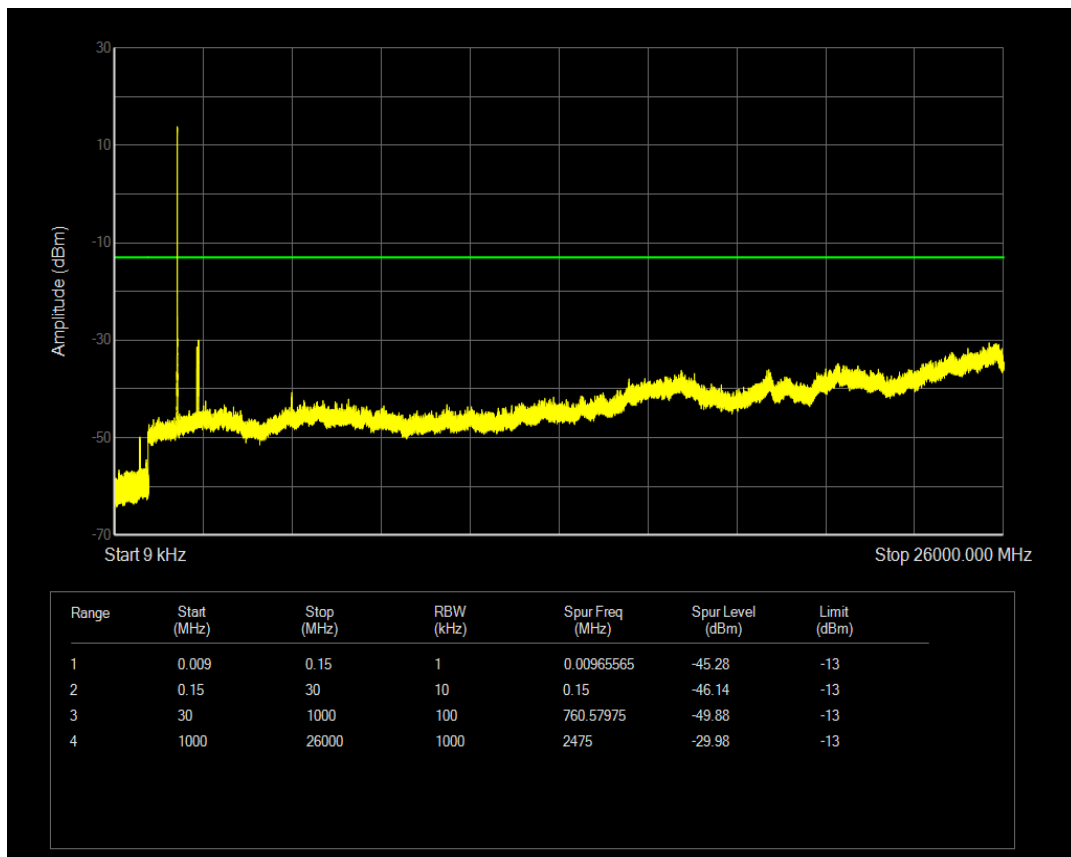
Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



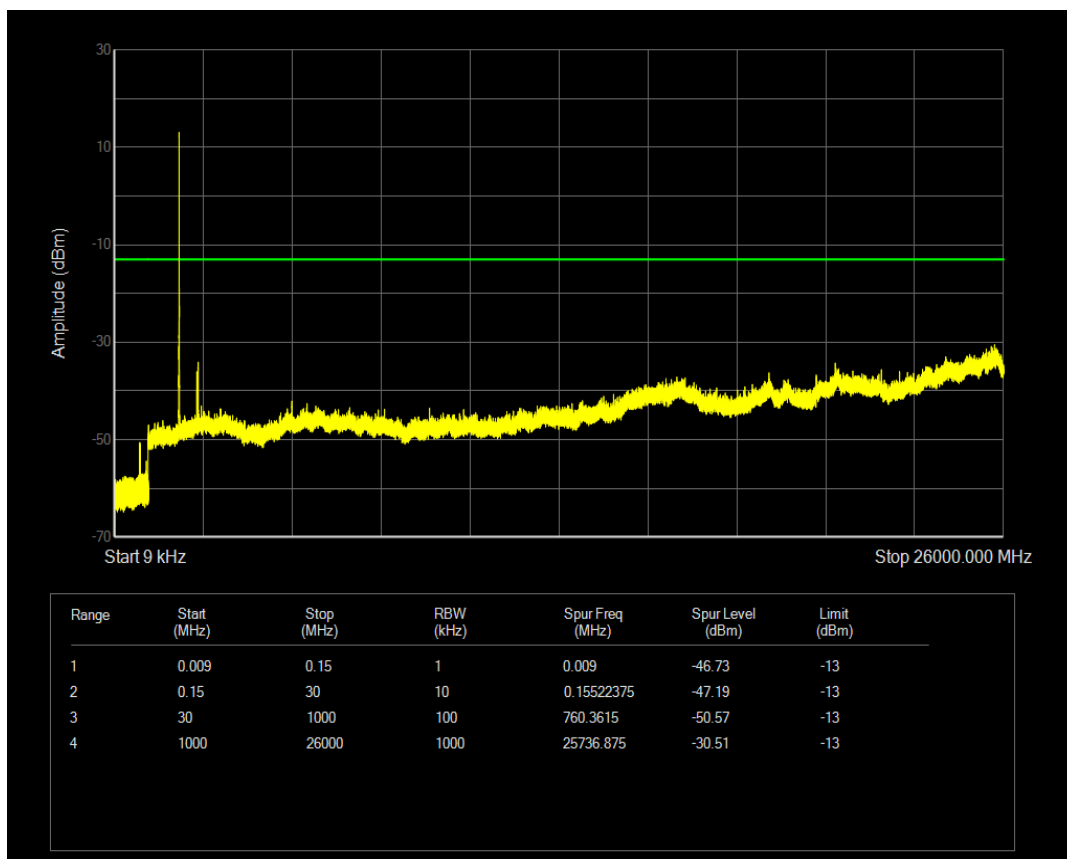
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



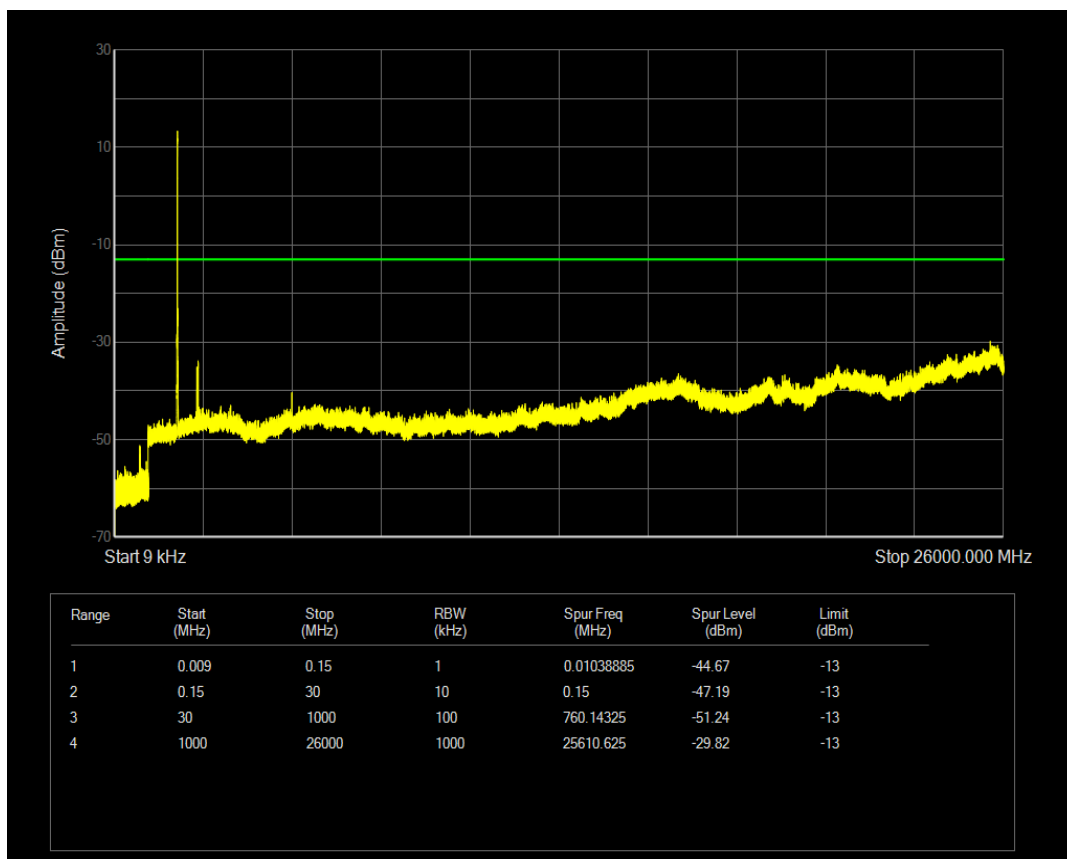
Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



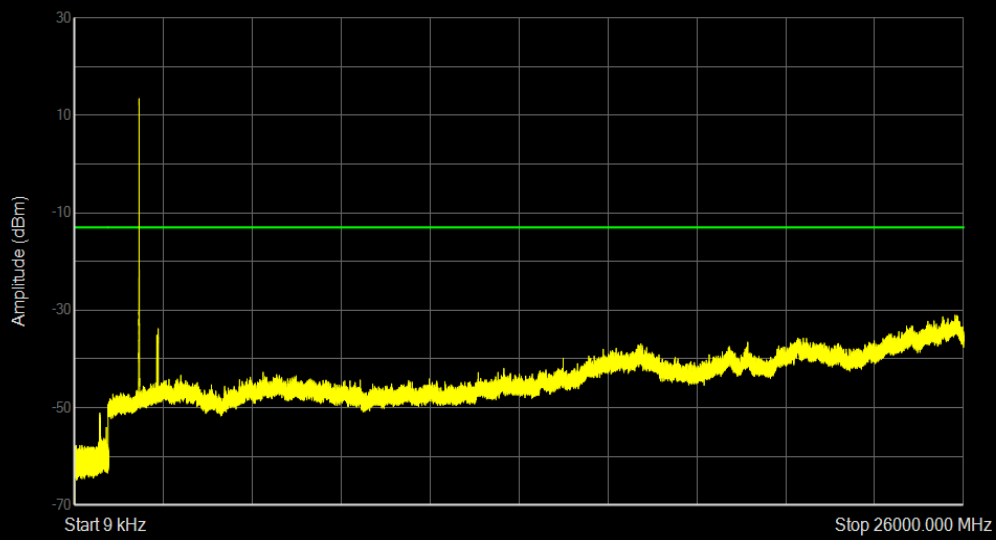
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



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

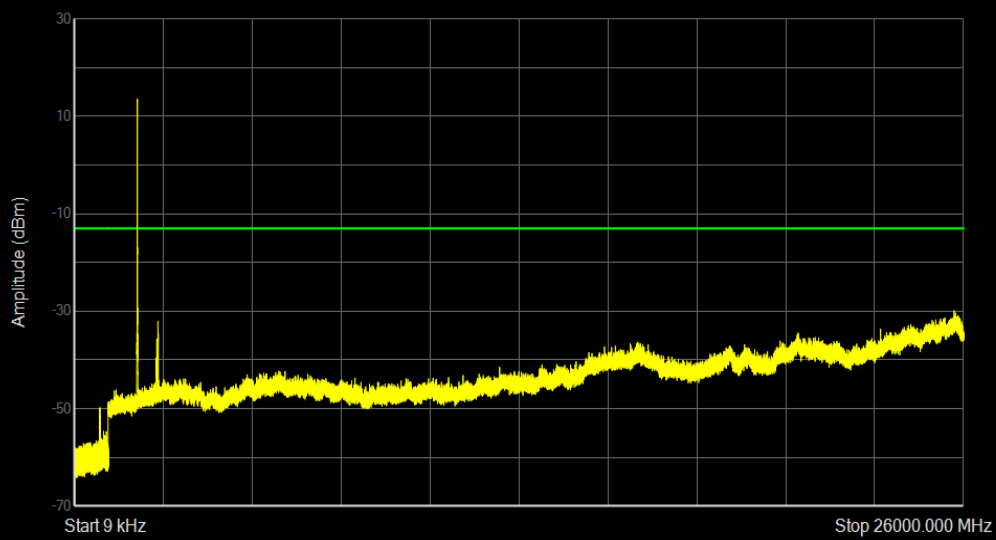


Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



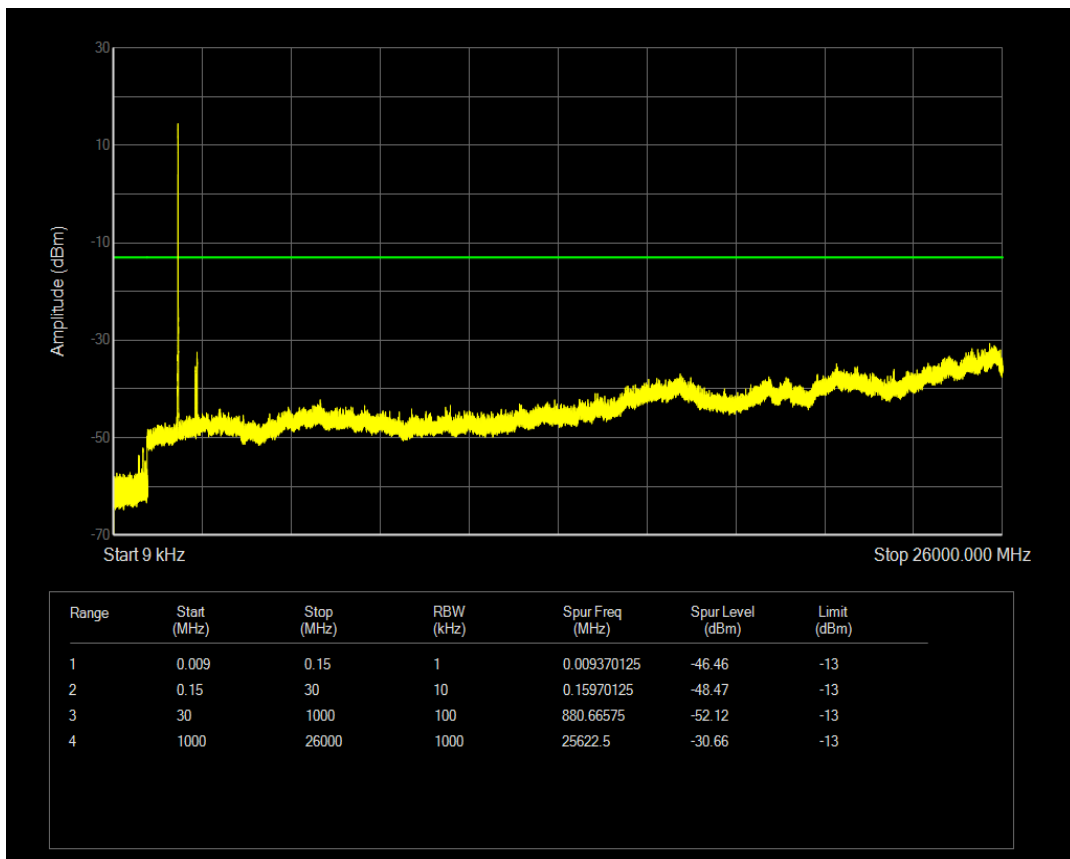
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011682525	-44.93	-13
2	0.15	30	10	0.15223875	-48.2	-13
3	30	1000	100	759.51275	-51.12	-13
4	1000	26000	1000	25750.625	-31.02	-13

Band2 QAM16 BW=10MHz Channel=18650 RB Size=27 Position=#0

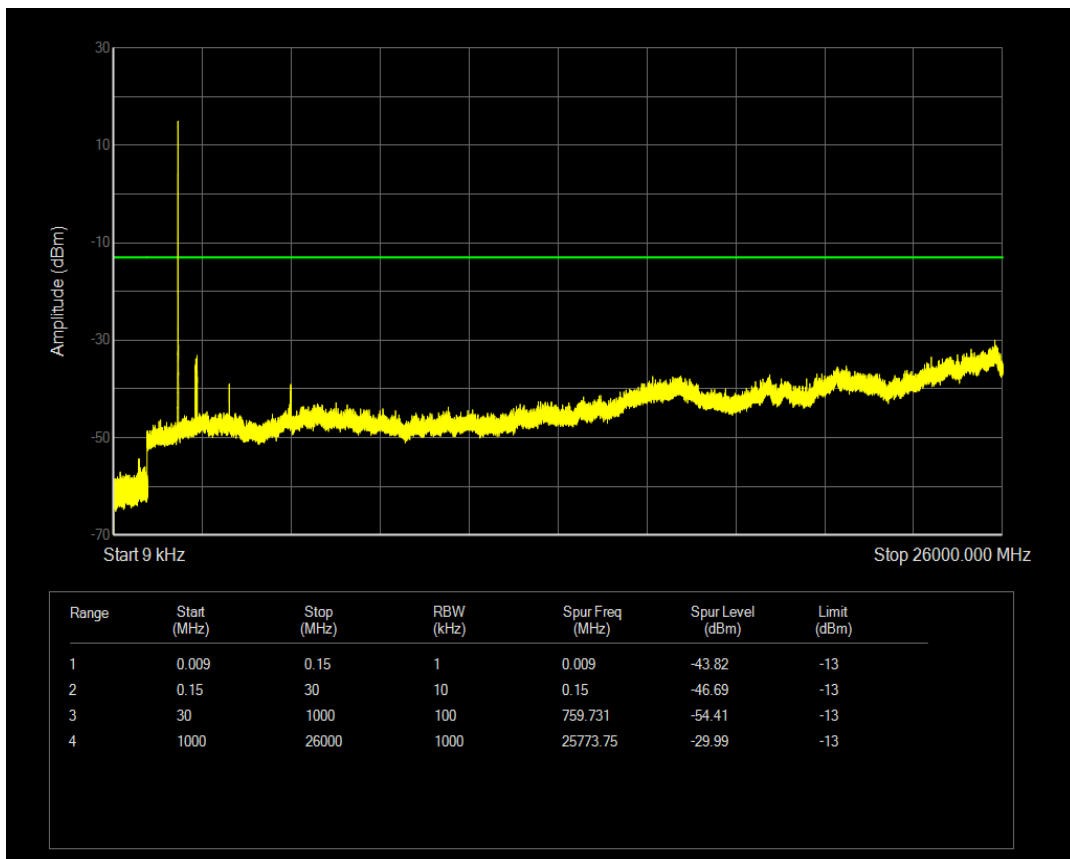


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009680325	-44.68	-13
2	0.15	30	10	0.152985	-46.87	-13
3	30	1000	100	759.41575	-49.79	-13
4	1000	26000	1000	25720.625	-29.91	-13

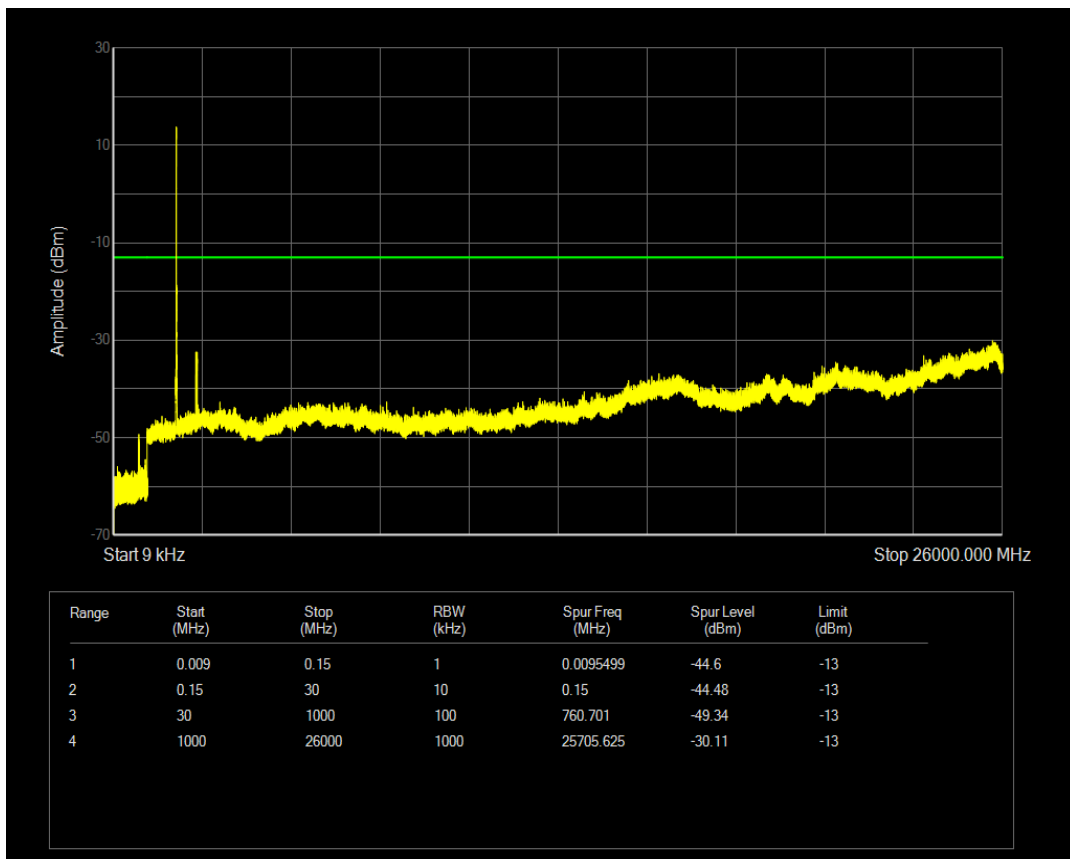
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



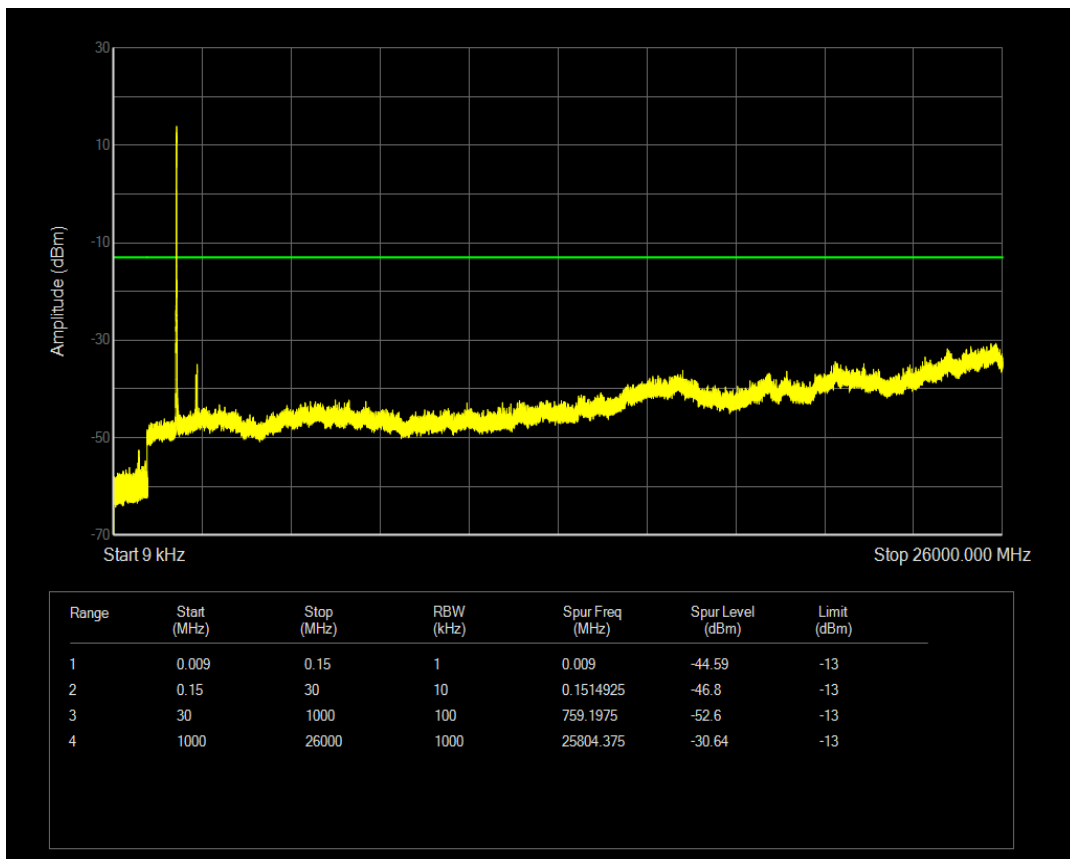
Band2 QAM16 BW=10MHz Channel=19150 RB Size=27 Position=#0



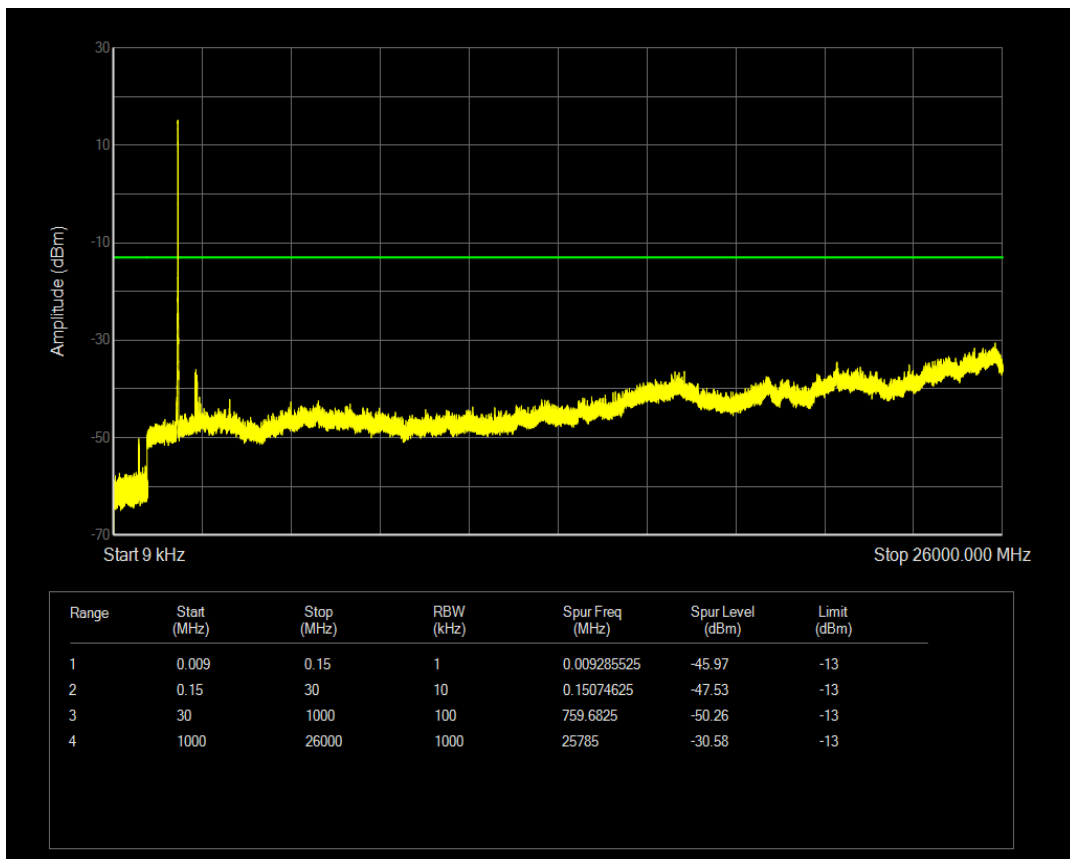
Band2 QAM16 BW=15MHz Channel=18675 RB Size=27 Position=#0



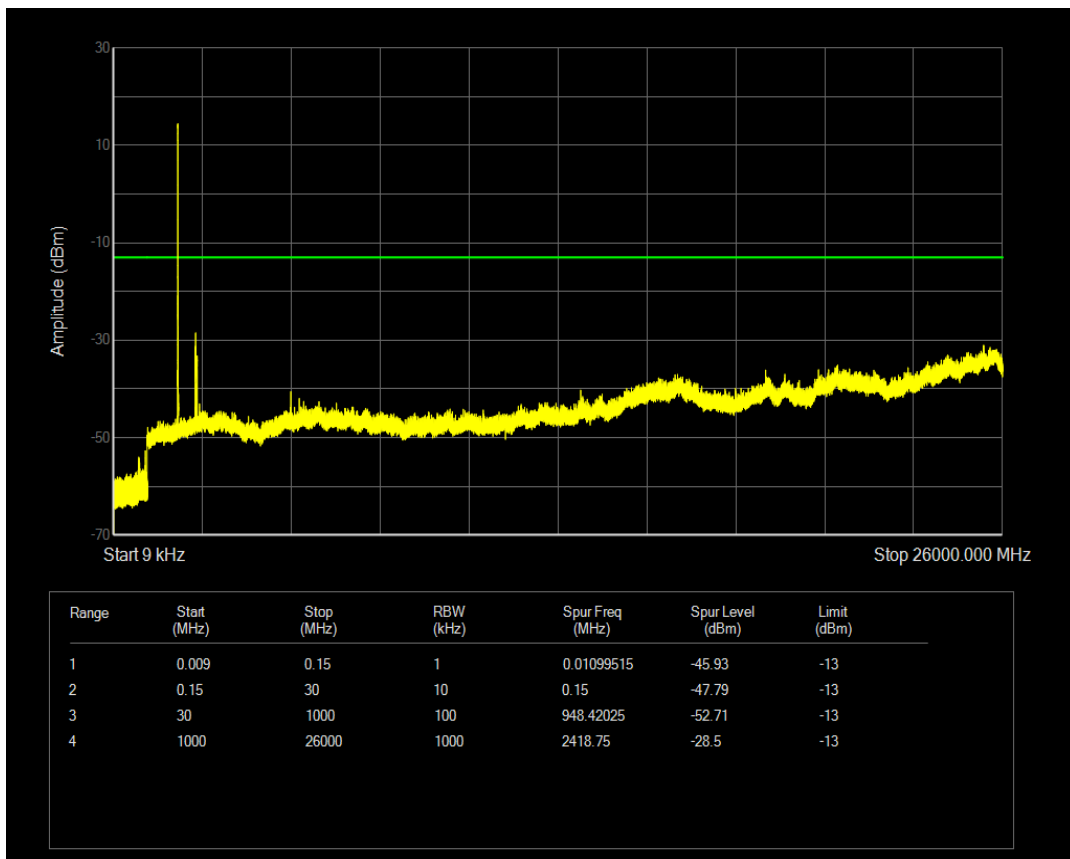
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



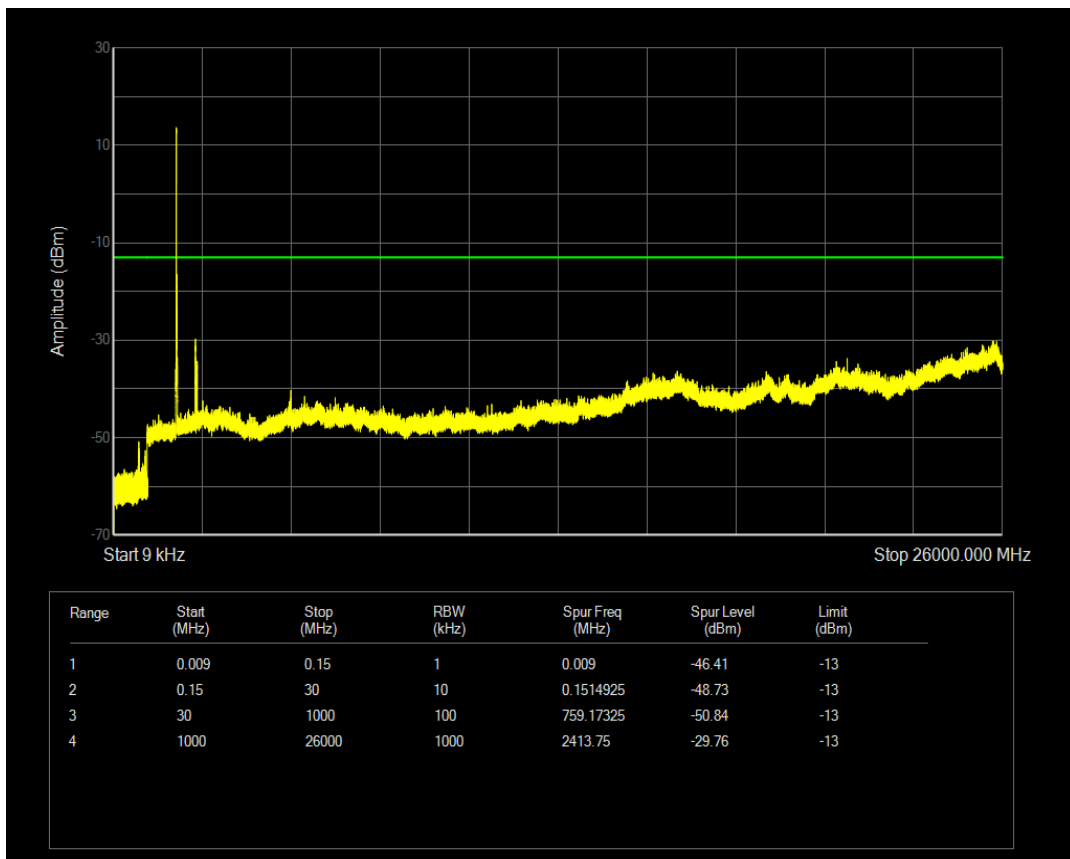
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



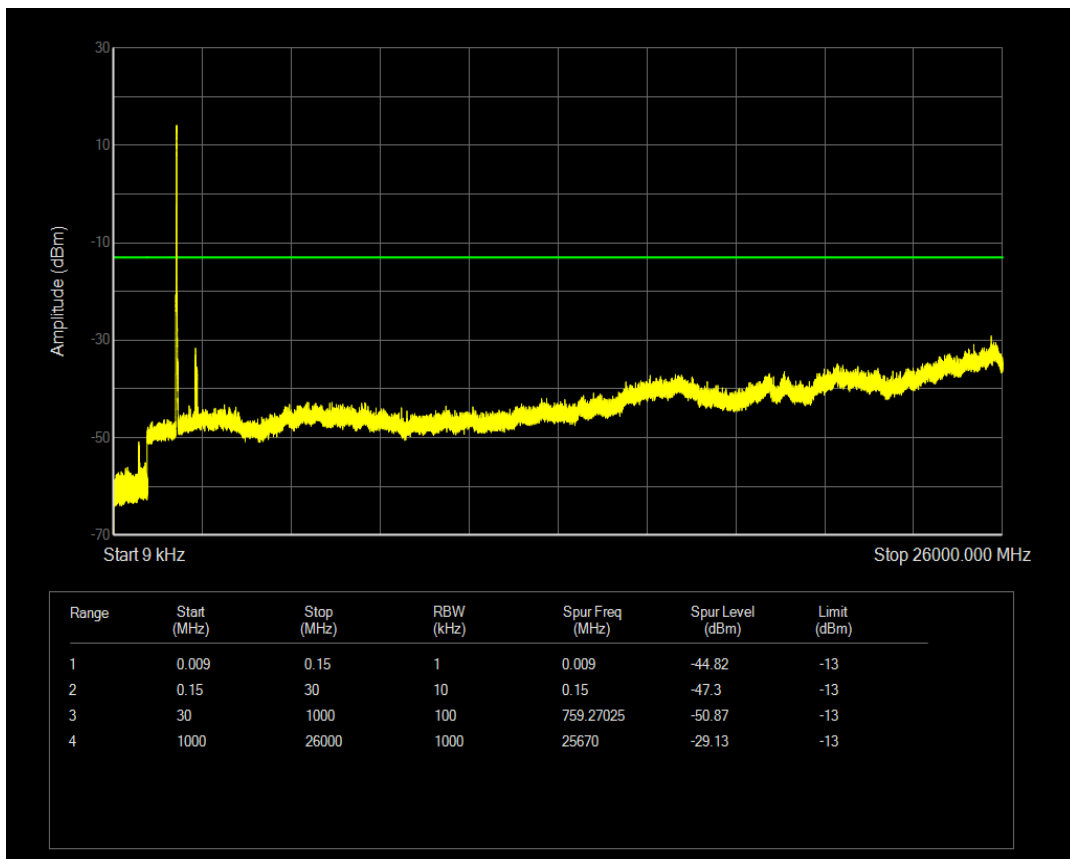
Band2 QAM16 BW=15MHz Channel=19125 RB Size=27 Position=#0



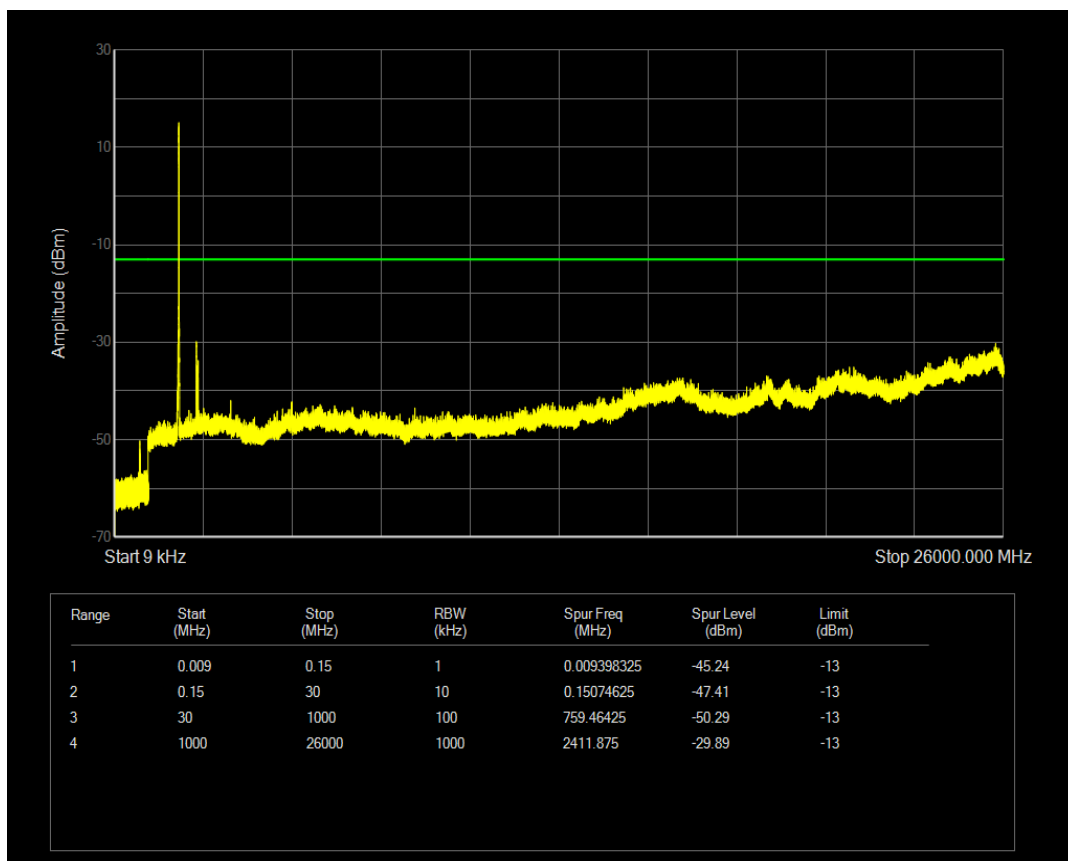
Band2 QAM16 BW=20MHz Channel=18700 RB Size=27 Position=#0



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



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



Band2 QAM16 BW=20MHz Channel=19100 RB Size=27 Position=#0

