LTE Band 2 Test Data

FCC ID: 2BOAQ-KXZ-006

Table of Contents

1. Effective (Isotropic) Radiated Power Output Data 2
2. Peak to Average Ratio 9
3. Occupied Bandwidth 28
4. Unwanted Spurious Emission 47
5. Frequency Stability 97

FCC LTE FDD Test Data

1. Effective (Isotropic) Radiated Power Output Data

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.29	1.22	24.51	33.01	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.00	1.22	24.22	33.01	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.46	1.22	23.68	33.01	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.34	1.22	23.56	33.01	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.26	1.22	24.48	33.01	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.22	1.22	23.44	33.01	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.76	1.22	23.98	33.01	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.01	1.22	23.23	33.01	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.28	1.22	24.50	33.01	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.60	1.22	23.82	33.01	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.41	1.22	23.63	33.01	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.04	1.22	23.26	33.01	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.04	1.22	24.26	33.01	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.40	1.22	23.62	33.01	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.51	1.22	23.73	33.01	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.24	1.22	23.46	33.01	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.71	1.22	23.93	33.01	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.01	1.22	24.23	33.01	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.94	1.22	24.16	33.01	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.56	1.22	23.78	33.01	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.83	1.22	24.05	33.01	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.91	1.22	24.13	33.01	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.82	1.22	24.04	33.01	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.92	1.22	24.14	33.01	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	23.11	1.22	24.33	33.01	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.53	1.22	23.75	33.01	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	23.12	1.22	24.34	33.01	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	22.42	1.22	23.64	33.01	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.10	1.22	23.32	33.01	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.42	1.22	23.64	33.01	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.94	1.22	24.16	33.01	PASS

Band2	1.4MHz	16QAM	18900	3RB#0	22.04	1.22	23.26	33.01	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	23.17	1.22	24.39	33.01	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	23.20	1.22	24.42	33.01	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	22.06	1.22	23.28	33.01	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.79	1.22	24.01	33.01	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.16	1.22	24.38	33.01	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	23.15	1.22	24.37	33.01	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.95	1.22	24.17	33.01	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.26	1.22	23.48	33.01	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.59	1.22	23.81	33.01	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.48	1.22	23.70	33.01	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.07	1.22	23.29	33.01	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.65	1.22	23.87	33.01	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.79	1.22	24.01	33.01	PASS
Band2	3MHz	QPSK	18615	8RB#0	23.26	1.22	24.48	33.01	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.03	1.22	23.25	33.01	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.77	1.22	23.99	33.01	PASS
Band2	3MHz	QPSK	18615	15RB#0	23.04	1.22	24.26	33.01	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.06	1.22	23.28	33.01	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.19	1.22	24.41	33.01	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.19	1.22	24.41	33.01	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.48	1.22	23.70	33.01	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.19	1.22	23.41	33.01	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.36	1.22	23.58	33.01	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.35	1.22	23.57	33.01	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.96	1.22	24.18	33.01	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.12	1.22	24.34	33.01	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.01	1.22	23.23	33.01	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.03	1.22	23.25	33.01	PASS
Band2	3MHz	QPSK	19185	8RB#4	23.00	1.22	24.22	33.01	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.95	1.22	24.17	33.01	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.51	1.22	23.73	33.01	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.10	1.22	23.32	33.01	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.55	1.22	23.77	33.01	PASS
Band2	3MHz	16QAM	18615	1RB#14	23.13	1.22	24.35	33.01	PASS
Band2	3MHz	16QAM	18615	8RB#0	22.98	1.22	24.20	33.01	PASS
Band2	3MHz	16QAM	18615	8RB#4	22.85	1.22	24.07	33.01	PASS
Band2	3MHz	16QAM	18615	8RB#7	22.93	1.22	24.15	33.01	PASS
Band2	3MHz	16QAM	18615	15RB#0	22.86	1.22	24.08	33.01	PASS

Band2	3MHz	16QAM	18900	1RB#0	22.51	1.22	23.73	33.01	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.95	1.22	24.17	33.01	PASS
Band2	3MHz	16QAM	18900	1RB#14	23.24	1.22	24.46	33.01	PASS
Band2	3MHz	16QAM	18900	8RB#0	22.26	1.22	23.48	33.01	PASS
Band2	3MHz	16QAM	18900	8RB#4	22.29	1.22	23.51	33.01	PASS
Band2	3MHz	16QAM	18900	8RB#7	22.86	1.22	24.08	33.01	PASS
Band2	3MHz	16QAM	18900	15RB#0	22.41	1.22	23.63	33.01	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.86	1.22	24.08	33.01	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.16	1.22	24.38	33.01	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.93	1.22	24.15	33.01	PASS
Band2	3MHz	16QAM	19185	8RB#0	22.30	1.22	23.52	33.01	PASS
Band2	3MHz	16QAM	19185	8RB#4	22.85	1.22	24.07	33.01	PASS
Band2	3MHz	16QAM	19185	8RB#7	23.28	1.22	24.50	33.01	PASS
Band2	3MHz	16QAM	19185	15RB#0	23.21	1.22	24.43	33.01	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.04	1.22	23.26	33.01	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.91	1.22	24.13	33.01	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.23	1.22	24.45	33.01	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.02	1.22	23.24	33.01	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.27	1.22	23.49	33.01	PASS
Band2	5MHz	QPSK	18625	12RB#13	23.25	1.22	24.47	33.01	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.34	1.22	23.56	33.01	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.44	1.22	23.66	33.01	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.78	1.22	24.00	33.01	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.02	1.22	24.24	33.01	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.71	1.22	23.93	33.01	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.94	1.22	24.16	33.01	PASS
Band2	5MHz	QPSK	18900	12RB#13	23.07	1.22	24.29	33.01	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.01	1.22	23.23	33.01	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.27	1.22	24.49	33.01	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.75	1.22	23.97	33.01	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.37	1.22	23.59	33.01	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.72	1.22	23.94	33.01	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.69	1.22	23.91	33.01	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.76	1.22	23.98	33.01	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.74	1.22	23.96	33.01	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.19	1.22	23.41	33.01	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.86	1.22	24.08	33.01	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.40	1.22	23.62	33.01	PASS
Band2	5MHz	16QAM	18625	12RB#0	22.86	1.22	24.08	33.01	PASS

Band2	5MHz	16QAM	18625	12RB#6	22.67	1.22	23.89	33.01	PASS
Band2	5MHz	16QAM	18625	12RB#13	22.71	1.22	23.93	33.01	PASS
Band2	5MHz	16QAM	18625	25RB#0	22.04	1.22	23.26	33.01	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.13	1.22	23.35	33.01	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.11	1.22	23.33	33.01	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.05	1.22	23.27	33.01	PASS
Band2	5MHz	16QAM	18900	12RB#0	22.00	1.22	23.22	33.01	PASS
Band2	5MHz	16QAM	18900	12RB#6	23.10	1.22	24.32	33.01	PASS
Band2	5MHz	16QAM	18900	12RB#13	22.29	1.22	23.51	33.01	PASS
Band2	5MHz	16QAM	18900	25RB#0	23.18	1.22	24.40	33.01	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.06	1.22	23.28	33.01	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.25	1.22	24.47	33.01	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.00	1.22	24.22	33.01	PASS
Band2	5MHz	16QAM	19175	12RB#0	23.27	1.22	24.49	33.01	PASS
Band2	5MHz	16QAM	19175	12RB#6	23.19	1.22	24.41	33.01	PASS
Band2	5MHz	16QAM	19175	12RB#13	23.08	1.22	24.30	33.01	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.67	1.22	23.89	33.01	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.17	1.22	24.39	33.01	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.21	1.22	24.43	33.01	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.12	1.22	24.34	33.01	PASS
Band2	10MHz	QPSK	18650	25RB#0	23.09	1.22	24.31	33.01	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.60	1.22	23.82	33.01	PASS
Band2	10MHz	QPSK	18650	25RB#25	23.19	1.22	24.41	33.01	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.26	1.22	23.48	33.01	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.80	1.22	24.02	33.01	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.55	1.22	23.77	33.01	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.82	1.22	24.04	33.01	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.55	1.22	23.77	33.01	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.58	1.22	23.80	33.01	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.70	1.22	23.92	33.01	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.04	1.22	23.26	33.01	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.70	1.22	23.92	33.01	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.01	1.22	24.23	33.01	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.19	1.22	24.41	33.01	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.30	1.22	23.52	33.01	PASS
Band2	10MHz	QPSK	19150	25RB#12	23.18	1.22	24.40	33.01	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.11	1.22	23.33	33.01	PASS
Band2	10MHz	QPSK	19150	50RB#0	23.18	1.22	24.40	33.01	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.93	1.22	24.15	33.01	PASS

Band2	10MHz	16QAM	18650	1RB#24	22.76	1.22	23.98	33.01	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.14	1.22	24.36	33.01	PASS
Band2	10MHz	16QAM	18650	25RB#0	23.19	1.22	24.41	33.01	PASS
Band2	10MHz	16QAM	18650	25RB#12	22.70	1.22	23.92	33.01	PASS
Band2	10MHz	16QAM	18650	25RB#25	22.52	1.22	23.74	33.01	PASS
Band2	10MHz	16QAM	18650	50RB#0	22.54	1.22	23.76	33.01	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.00	1.22	24.22	33.01	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.00	1.22	24.22	33.01	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.83	1.22	24.05	33.01	PASS
Band2	10MHz	16QAM	18900	25RB#0	23.21	1.22	24.43	33.01	PASS
Band2	10MHz	16QAM	18900	25RB#12	22.28	1.22	23.50	33.01	PASS
Band2	10MHz	16QAM	18900	25RB#25	22.03	1.22	23.25	33.01	PASS
Band2	10MHz	16QAM	18900	50RB#0	23.10	1.22	24.32	33.01	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.06	1.22	24.28	33.01	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.95	1.22	24.17	33.01	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.23	1.22	23.45	33.01	PASS
Band2	10MHz	16QAM	19150	25RB#0	22.19	1.22	23.41	33.01	PASS
Band2	10MHz	16QAM	19150	25RB#12	22.93	1.22	24.15	33.01	PASS
Band2	10MHz	16QAM	19150	25RB#25	22.94	1.22	24.16	33.01	PASS
Band2	10MHz	16QAM	19150	50RB#0	22.86	1.22	24.08	33.01	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.12	1.22	24.34	33.01	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.26	1.22	23.48	33.01	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.27	1.22	23.49	33.01	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.69	1.22	23.91	33.01	PASS
Band2	15MHz	QPSK	18675	38RB#18	23.05	1.22	24.27	33.01	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.64	1.22	23.86	33.01	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.37	1.22	23.59	33.01	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.89	1.22	24.11	33.01	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.17	1.22	23.39	33.01	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.31	1.22	23.53	33.01	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.41	1.22	23.63	33.01	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.83	1.22	24.05	33.01	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.61	1.22	23.83	33.01	PASS
Band2	15MHz	QPSK	18900	75RB#0	23.03	1.22	24.25	33.01	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.98	1.22	24.20	33.01	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.07	1.22	24.29	33.01	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.73	1.22	23.95	33.01	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.77	1.22	23.99	33.01	PASS
Band2	15MHz	QPSK	19125	38RB#18	22.89	1.22	24.11	33.01	PASS

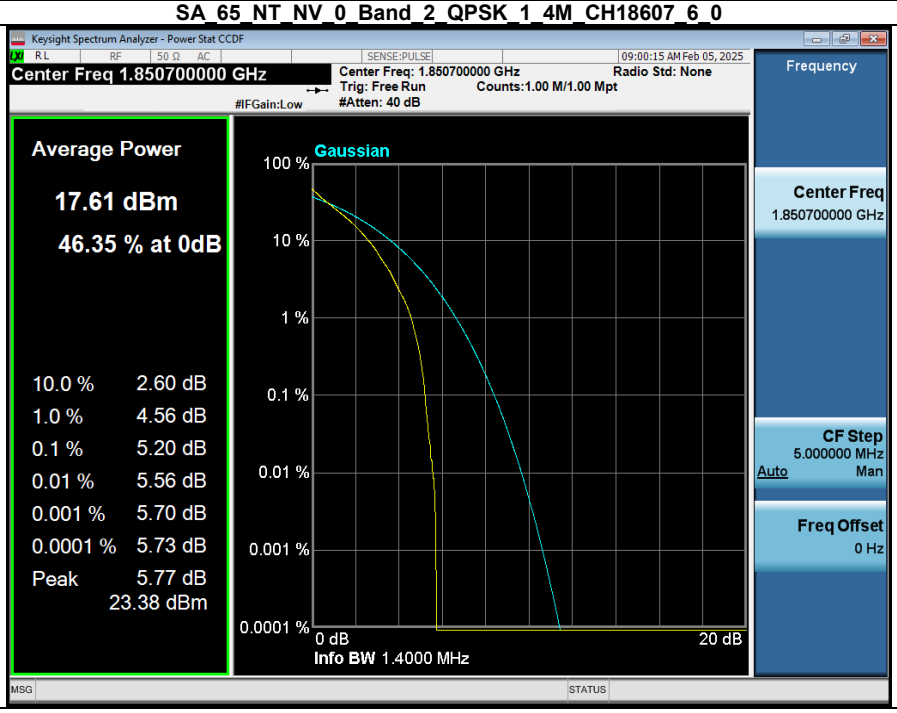
Band2	15MHz	QPSK	19125	38RB#37	23.20	1.22	24.42	33.01	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.02	1.22	23.24	33.01	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.09	1.22	24.31	33.01	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.20	1.22	23.42	33.01	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.72	1.22	23.94	33.01	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.03	1.22	23.25	33.01	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.61	1.22	23.83	33.01	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.79	1.22	24.01	33.01	PASS
Band2	15MHz	16QAM	18675	75RB#0	23.05	1.22	24.27	33.01	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.31	1.22	23.53	33.01	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.76	1.22	23.98	33.01	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.13	1.22	24.35	33.01	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.52	1.22	23.74	33.01	PASS
Band2	15MHz	16QAM	18900	38RB#18	22.10	1.22	23.32	33.01	PASS
Band2	15MHz	16QAM	18900	38RB#37	22.50	1.22	23.72	33.01	PASS
Band2	15MHz	16QAM	18900	75RB#0	23.27	1.22	24.49	33.01	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.07	1.22	23.29	33.01	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.79	1.22	24.01	33.01	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.03	1.22	24.25	33.01	PASS
Band2	15MHz	16QAM	19125	38RB#0	22.53	1.22	23.75	33.01	PASS
Band2	15MHz	16QAM	19125	38RB#18	22.73	1.22	23.95	33.01	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.83	1.22	24.05	33.01	PASS
Band2	15MHz	16QAM	19125	75RB#0	22.85	1.22	24.07	33.01	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.22	1.22	24.44	33.01	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.37	1.22	23.59	33.01	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.02	1.22	24.24	33.01	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.63	1.22	23.85	33.01	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.13	1.22	23.35	33.01	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.19	1.22	23.41	33.01	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.17	1.22	23.39	33.01	PASS
Band2	20MHz	QPSK	18900	1RB#0	**23.60**	1.22	24.82	33.01	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.83	1.22	24.05	33.01	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.14	1.22	23.36	33.01	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.19	1.22	23.41	33.01	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.86	1.22	24.08	33.01	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.33	1.22	23.55	33.01	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.44	1.22	23.66	33.01	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.86	1.22	24.08	33.01	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.03	1.22	23.25	33.01	PASS

Band2	20MHz	QPSK	19100	1RB#99	23.17	1.22	24.39	33.01	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.29	1.22	23.51	33.01	PASS
Band2	20MHz	QPSK	19100	50RB#25	23.06	1.22	24.28	33.01	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.06	1.22	23.28	33.01	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.29	1.22	23.51	33.01	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.16	1.22	23.38	33.01	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.52	1.22	23.74	33.01	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.74	1.22	23.96	33.01	PASS
Band2	20MHz	16QAM	18700	50RB#0	22.58	1.22	23.80	33.01	PASS
Band2	20MHz	16QAM	18700	50RB#25	23.22	1.22	24.44	33.01	PASS
Band2	20MHz	16QAM	18700	50RB#50	22.08	1.22	23.30	33.01	PASS
Band2	20MHz	16QAM	18700	100RB#0	22.73	1.22	23.95	33.01	PASS
Band2	20MHz	16QAM	18900	1RB#0	**23.46**	1.22	24.68	33.01	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.47	1.22	23.69	33.01	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.02	1.22	24.24	33.01	PASS
Band2	20MHz	16QAM	18900	50RB#0	22.82	1.22	24.04	33.01	PASS
Band2	20MHz	16QAM	18900	50RB#25	23.09	1.22	24.31	33.01	PASS
Band2	20MHz	16QAM	18900	50RB#50	23.00	1.22	24.22	33.01	PASS
Band2	20MHz	16QAM	18900	100RB#0	23.14	1.22	24.36	33.01	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.66	1.22	23.88	33.01	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.42	1.22	23.64	33.01	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.79	1.22	24.01	33.01	PASS
Band2	20MHz	16QAM	19100	50RB#0	22.87	1.22	24.09	33.01	PASS
Band2	20MHz	16QAM	19100	50RB#25	23.03	1.22	24.25	33.01	PASS
Band2	20MHz	16QAM	19100	50RB#50	22.54	1.22	23.76	33.01	PASS
Band2	20MHz	16QAM	19100	100RB#0	23.23	1.22	24.45	33.01	PASS

2. Peak to Average Ratio

Condition	Band	Modulation	BW(MHz)	Frequency(MHz)	RB_Size	RB_start	Peak to AVG Ratio-0.1%(dB)	Limit(dB)	Result
NV_NT	Band 2	QPSK	1.4M	1850.7	6	0	5.20	13.00	Pass
NV_NT	Band 2	16QAM	1.4M	1850.7	6	0	6.01	13.00	Pass
NV_NT	Band 2	QPSK	1.4M	1880.0	6	0	5.24	13.00	Pass
NV_NT	Band 2	16QAM	1.4M	1880.0	6	0	6.12	13.00	Pass
NV_NT	Band 2	QPSK	1.4M	1909.3	6	0	5.22	13.00	Pass
NV_NT	Band 2	16QAM	1.4M	1909.3	6	0	6.07	13.00	Pass
NV_NT	Band 2	QPSK	3M	1851.5	15	0	8.37	13.00	Pass
NV_NT	Band 2	16QAM	3M	1851.5	15	0	6.11	13.00	Pass
NV_NT	Band 2	QPSK	3M	1880.0	15	0	8.39	13.00	Pass
NV_NT	Band 2	16QAM	3M	1880.0	15	0	6.15	13.00	Pass
NV_NT	Band 2	QPSK	3M	1908.5	15	0	5.26	13.00	Pass
NV_NT	Band 2	16QAM	3M	1908.5	15	0	6.13	13.00	Pass
NV_NT	Band 2	QPSK	5M	1852.5	25	0	5.23	13.00	Pass
NV_NT	Band 2	16QAM	5M	1852.5	25	0	5.93	13.00	Pass
NV_NT	Band 2	QPSK	5M	1880.0	25	0	5.26	13.00	Pass
NV_NT	Band 2	16QAM	5M	1880.0	25	0	6.04	13.00	Pass
NV_NT	Band 2	QPSK	5M	1907.5	25	0	5.27	13.00	Pass
NV_NT	Band 2	16QAM	5M	1907.5	25	0	6.01	13.00	Pass
NV_NT	Band 2	QPSK	10M	1855.0	50	0	5.12	13.00	Pass
NV_NT	Band 2	16QAM	10M	1855.0	50	0	5.94	13.00	Pass
NV_NT	Band 2	QPSK	10M	1880.0	50	0	5.20	13.00	Pass
NV_NT	Band 2	16QAM	10M	1880.0	50	0	5.94	13.00	Pass
NV_NT	Band 2	QPSK	10M	1905.0	50	0	5.29	13.00	Pass
NV_NT	Band 2	16QAM	10M	1905.0	50	0	6.02	13.00	Pass
NV_NT	Band 2	QPSK	15M	1857.5	75	0	5.30	13.00	Pass
NV_NT	Band 2	16QAM	15M	1857.5	75	0	6.04	13.00	Pass
NV_NT	Band 2	QPSK	15M	1880.0	75	0	5.37	13.00	Pass
NV_NT	Band 2	16QAM	15M	1880.0	75	0	6.09	13.00	Pass
NV_NT	Band 2	QPSK	15M	1902.5	75	0	5.42	13.00	Pass
NV_NT	Band 2	16QAM	15M	1902.5	75	0	6.15	13.00	Pass
NV_NT	Band 2	QPSK	20M	1860.0	100	0	5.16	13.00	Pass
NV_NT	Band 2	16QAM	20M	1860.0	100	0	5.92	13.00	Pass
NV_NT	Band 2	QPSK	20M	1880.0	100	0	5.14	13.00	Pass
NV_NT	Band 2	16QAM	20M	1880.0	100	0	5.94	13.00	Pass
NV_NT	Band 2	QPSK	20M	1900.0	100	0	5.21	13.00	Pass
NV_NT	Band 2	16QAM	20M	1900.0	100	0	6.02	13.00	Pass

SA_65_NT_NV_0_Band_2_QPSK_1_4M_CH18607_6_0



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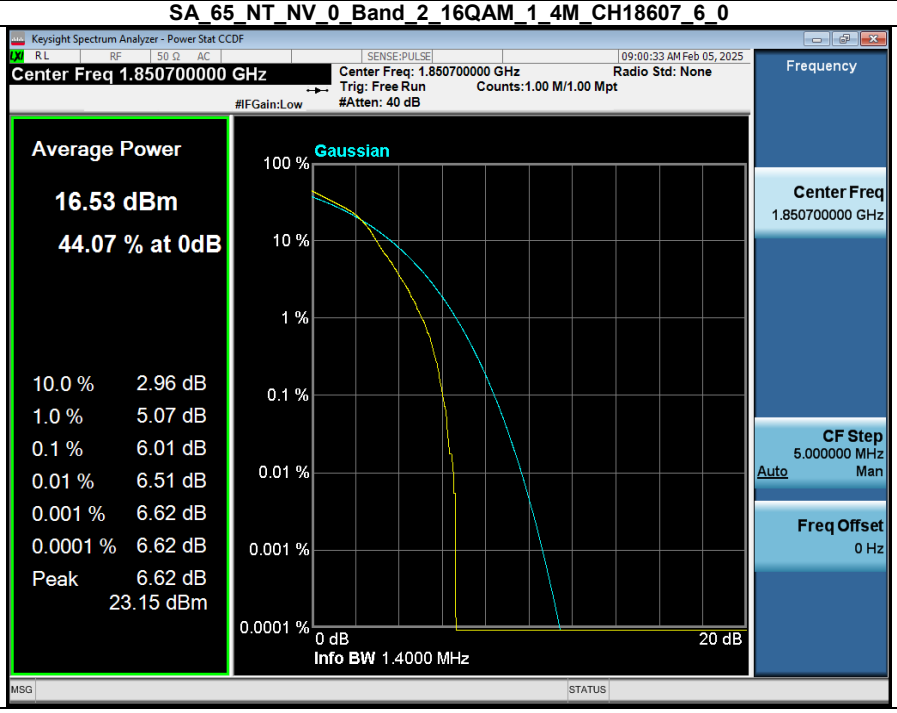

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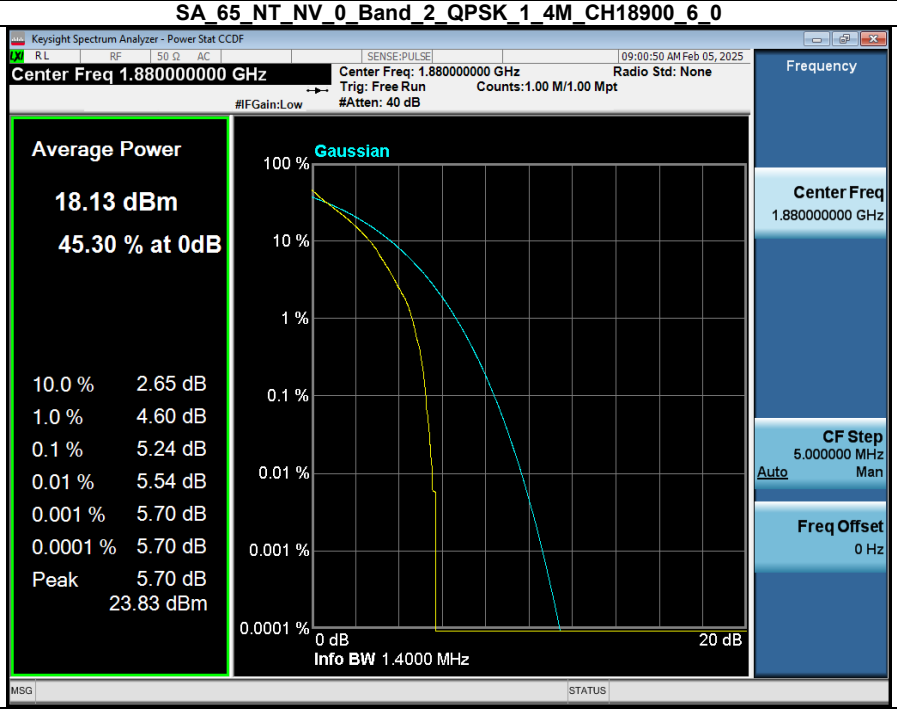

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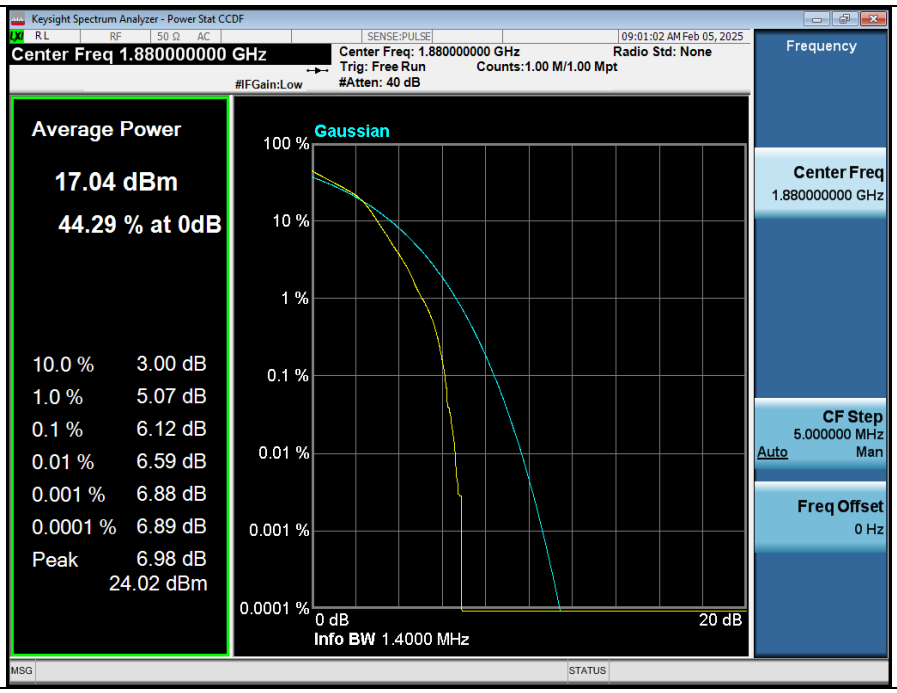

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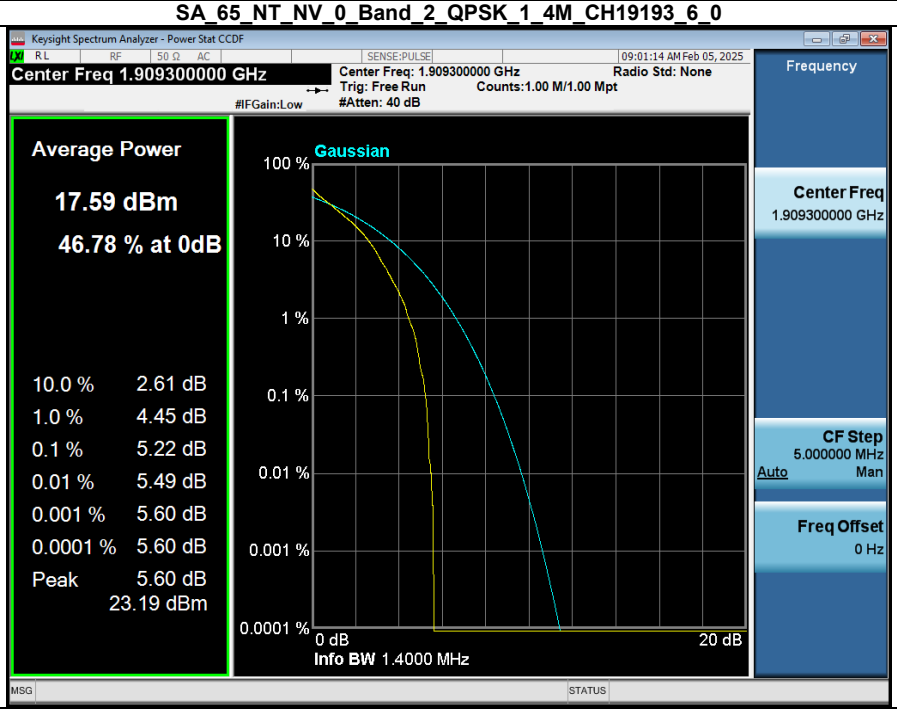

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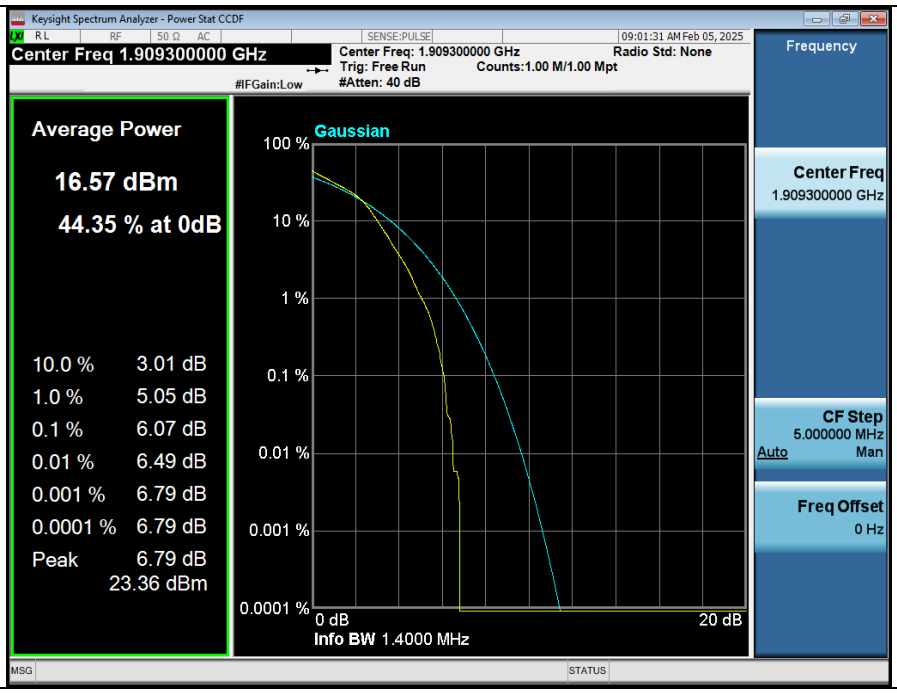

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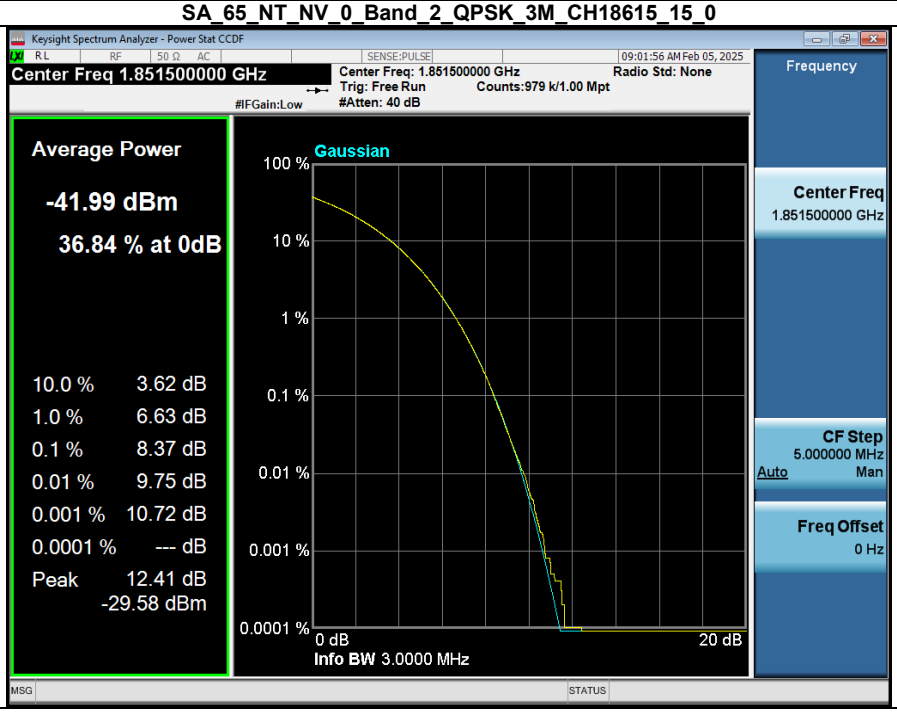

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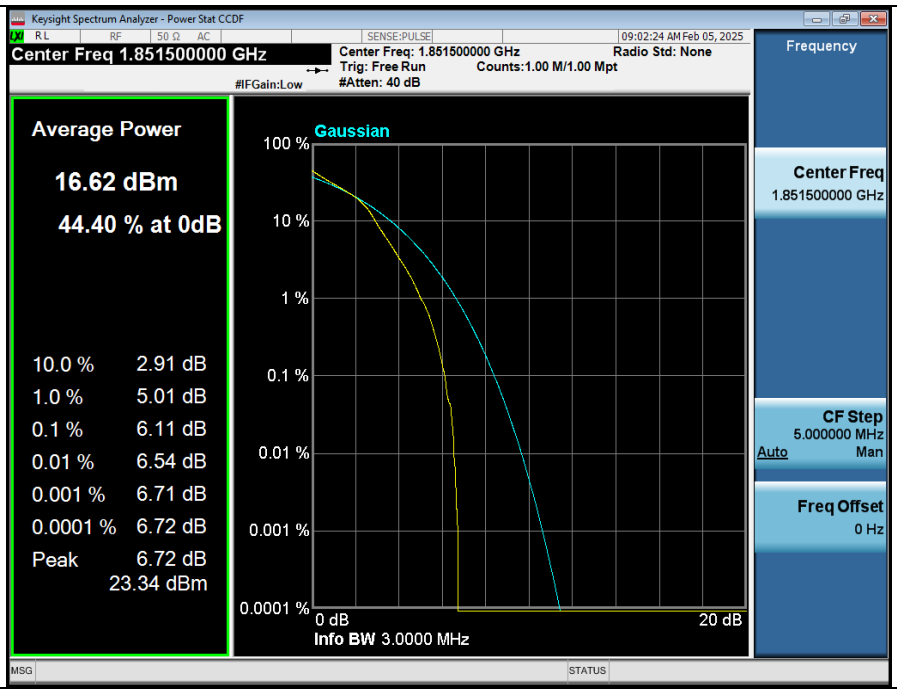

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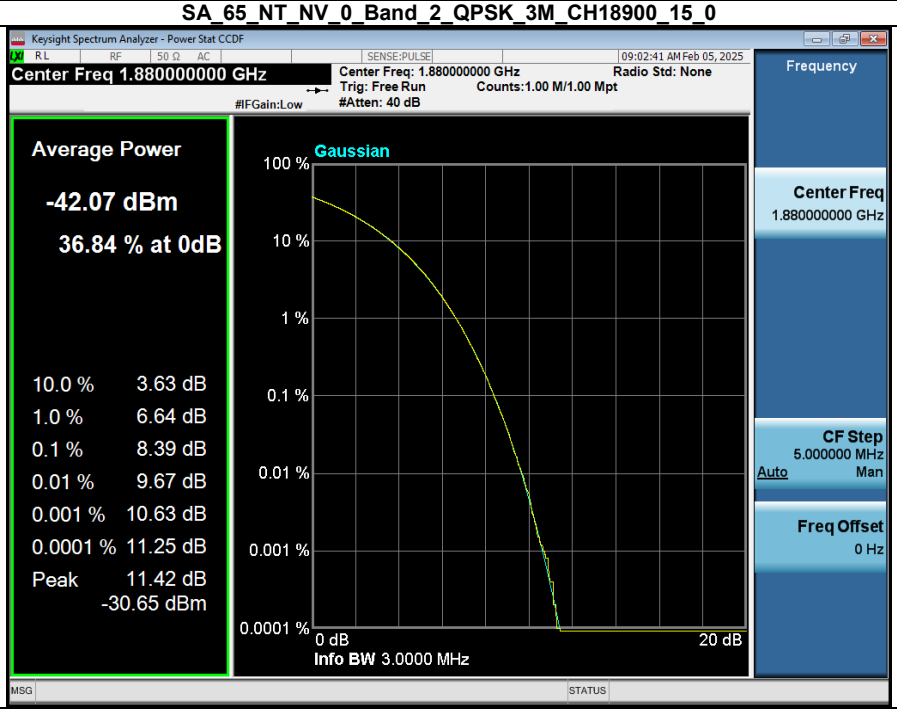

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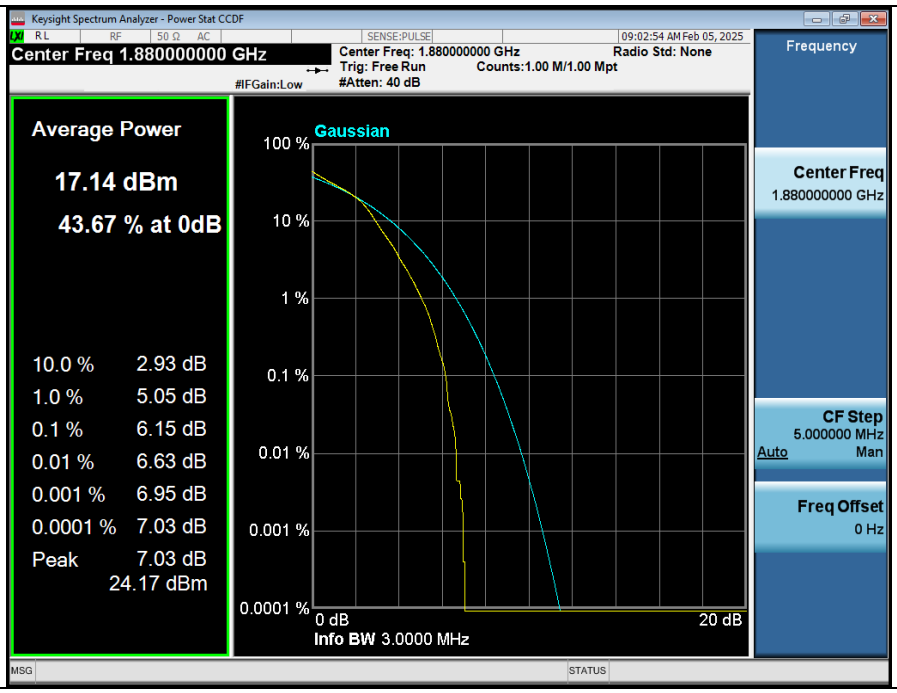

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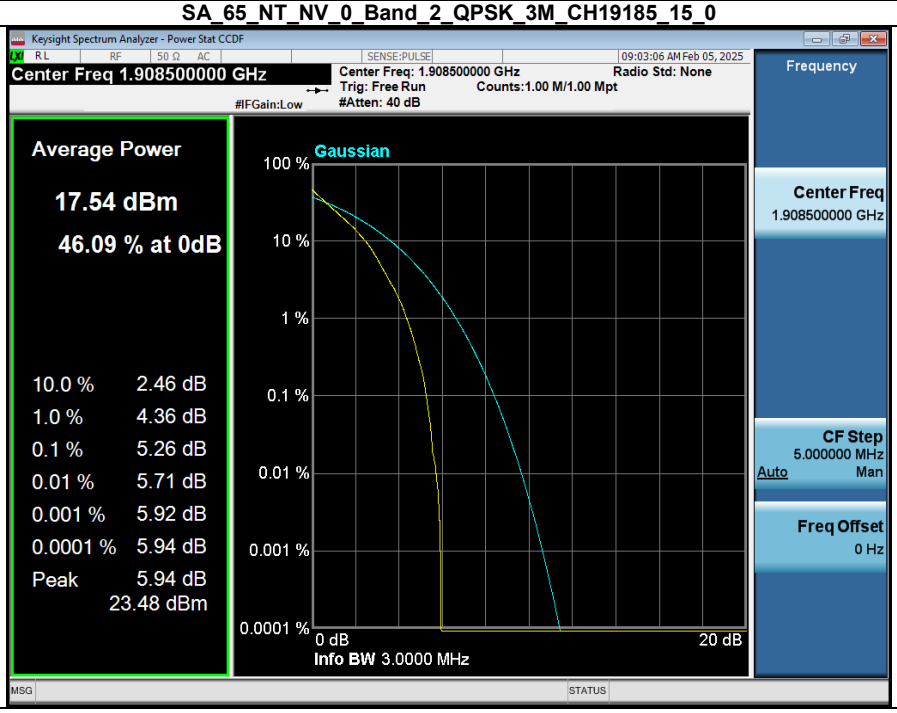

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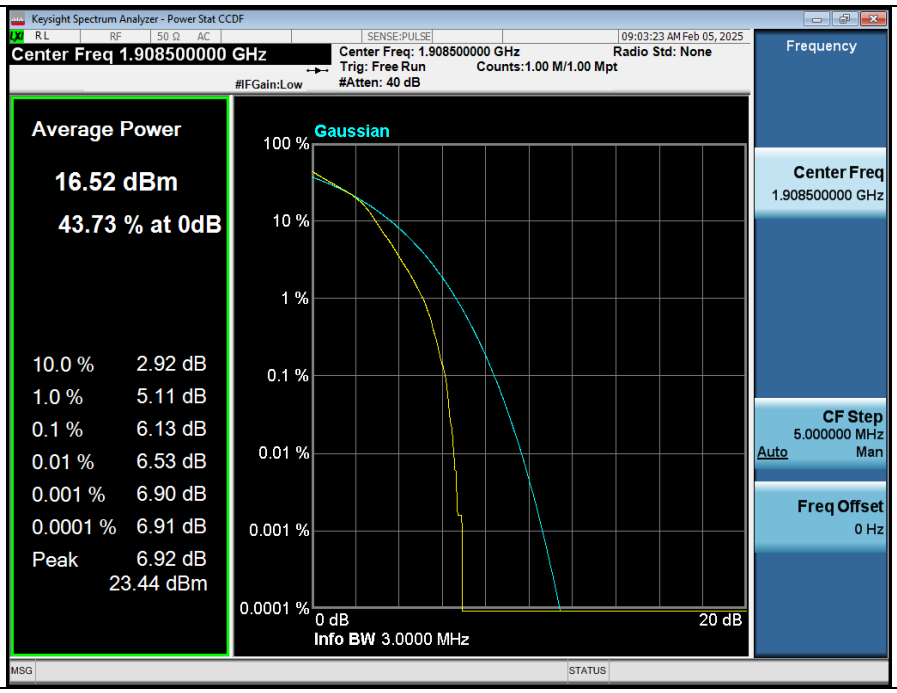

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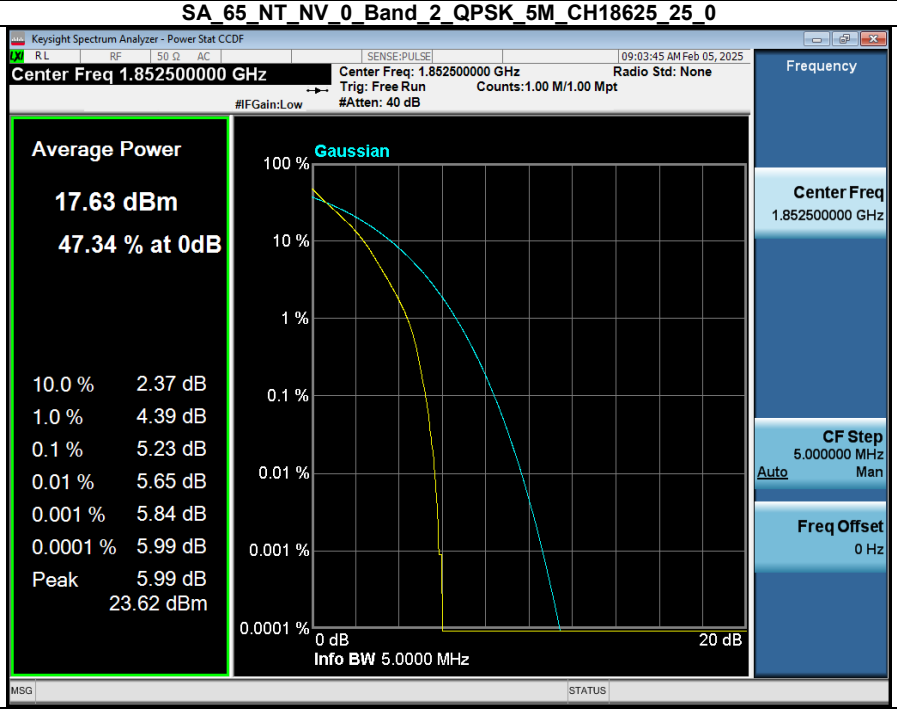

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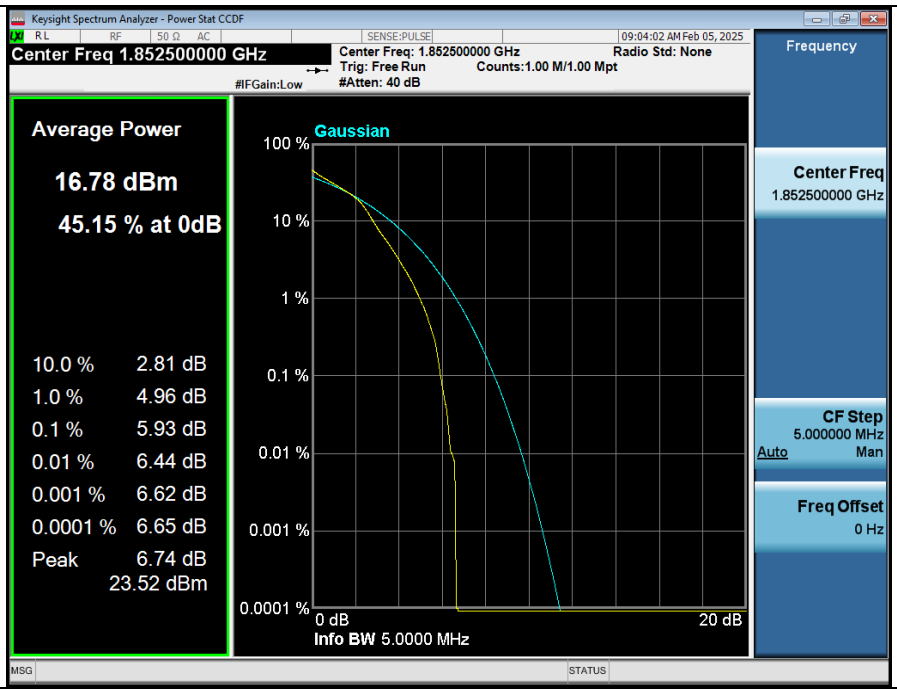

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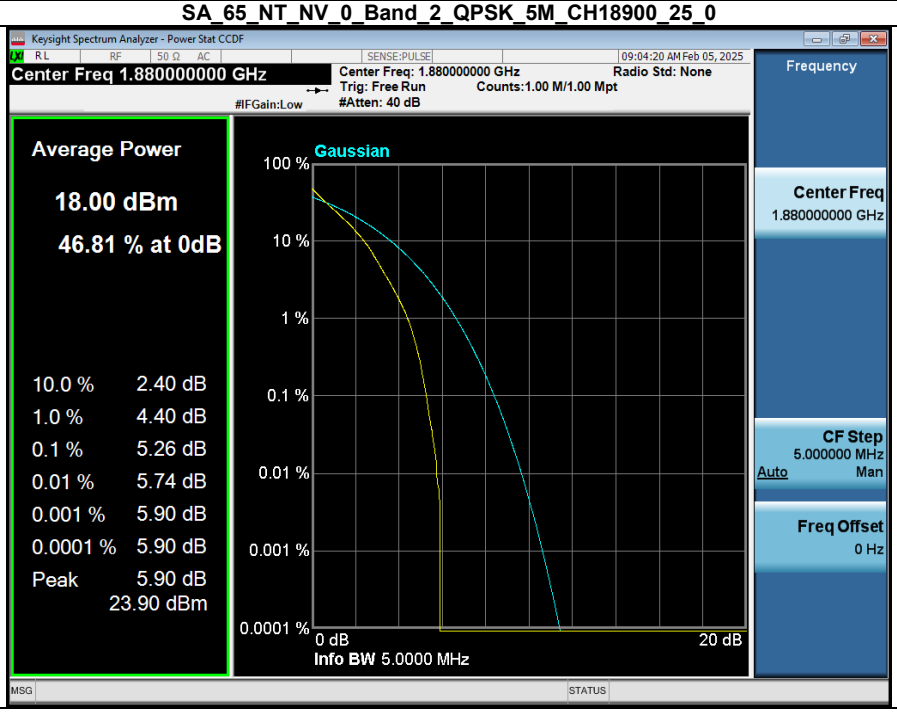

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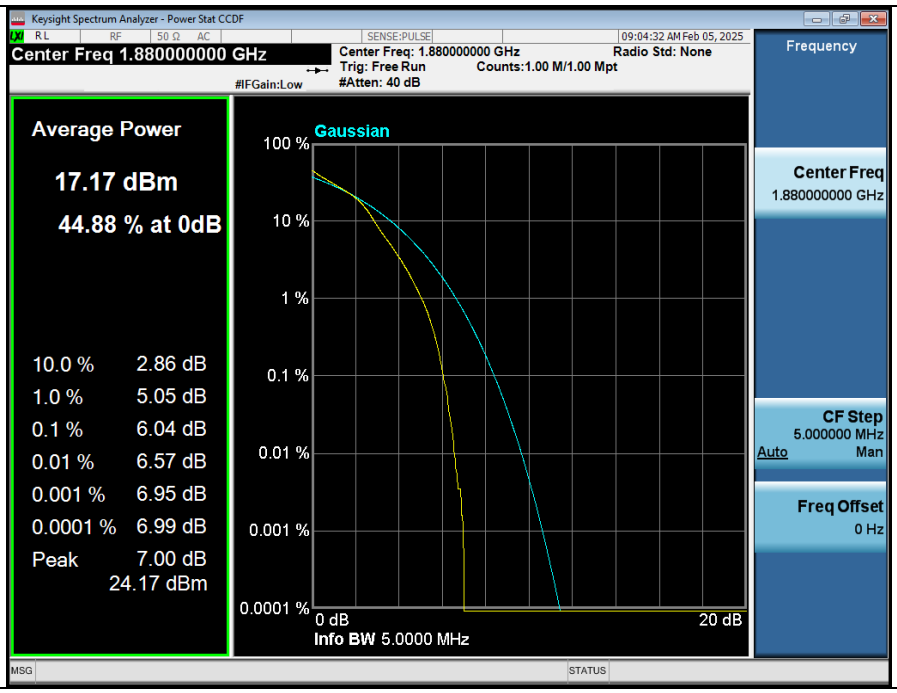

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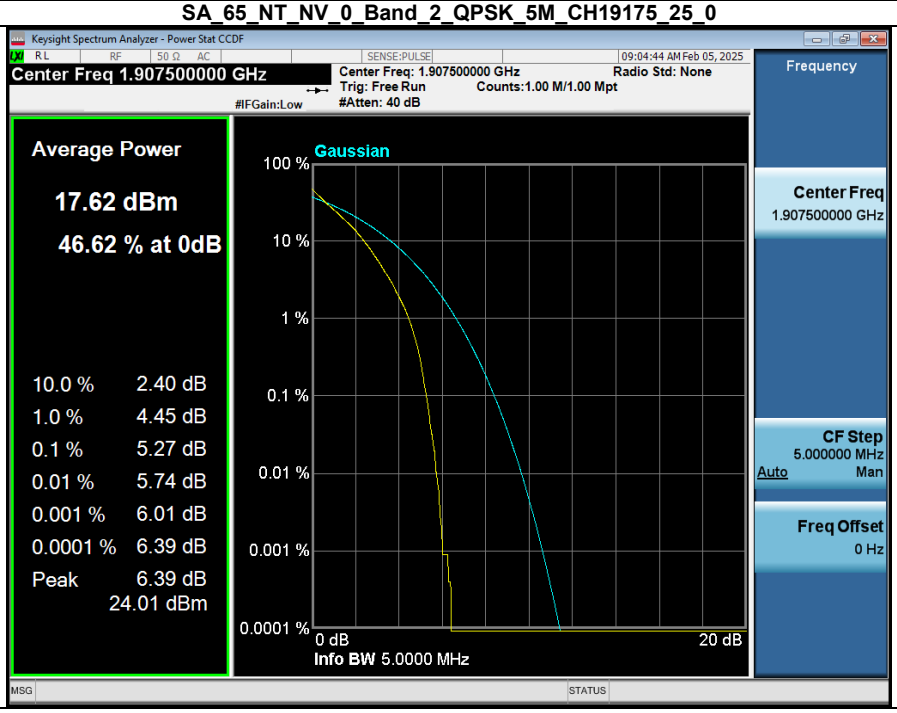

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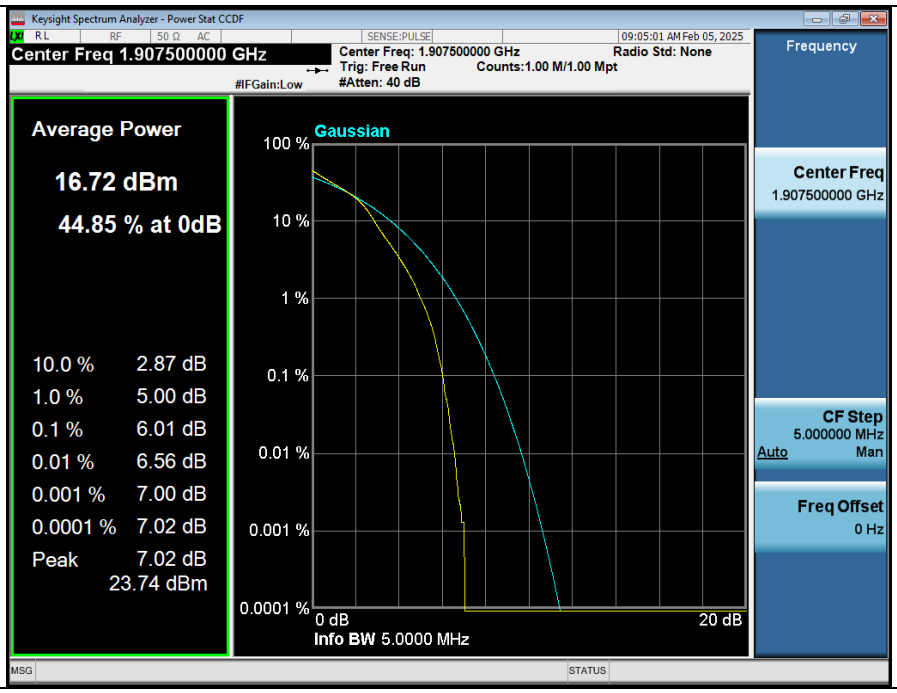

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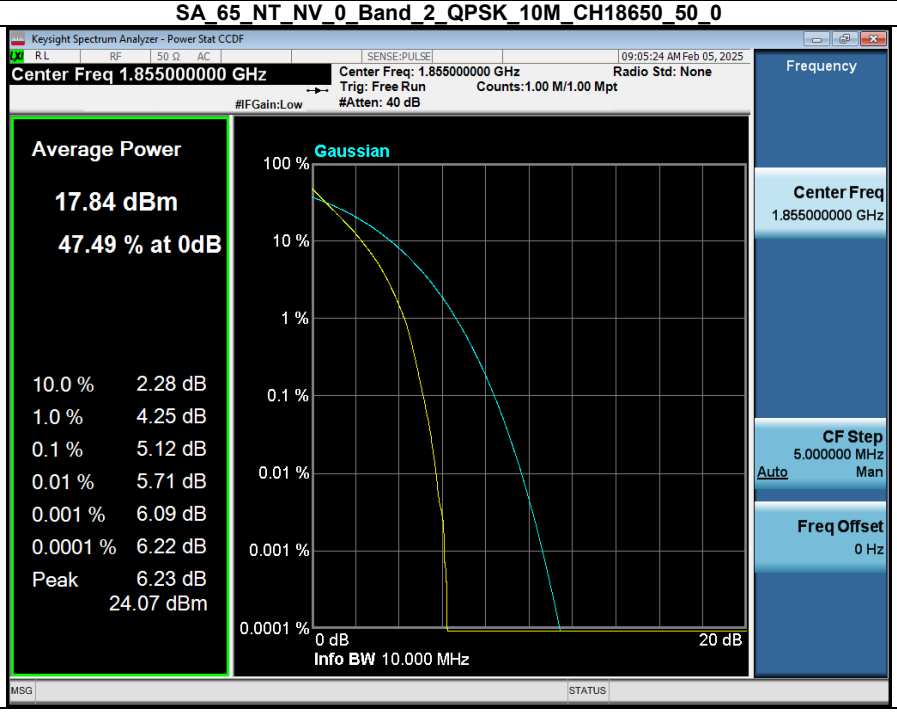

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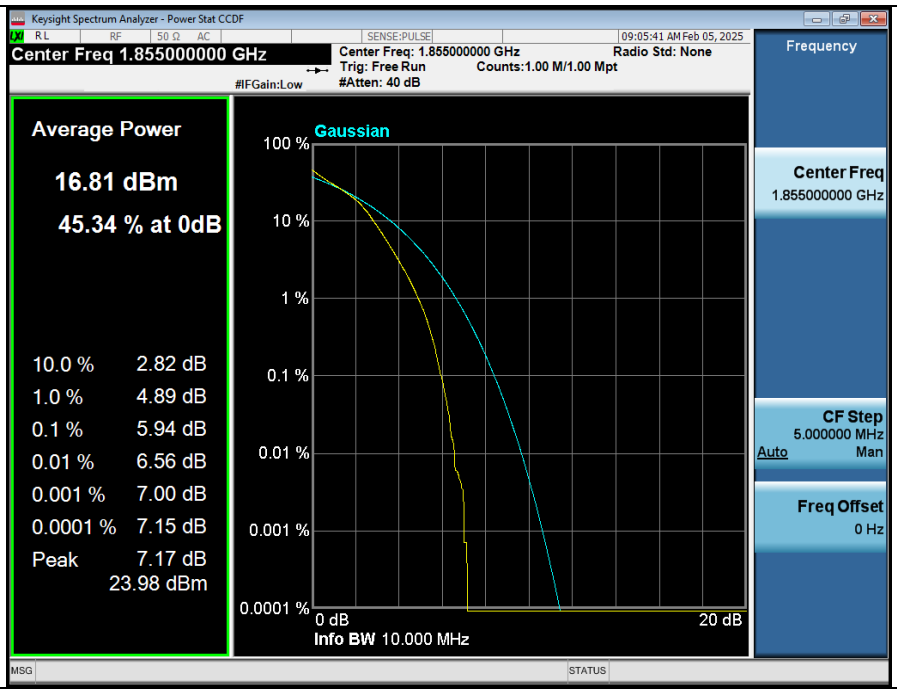

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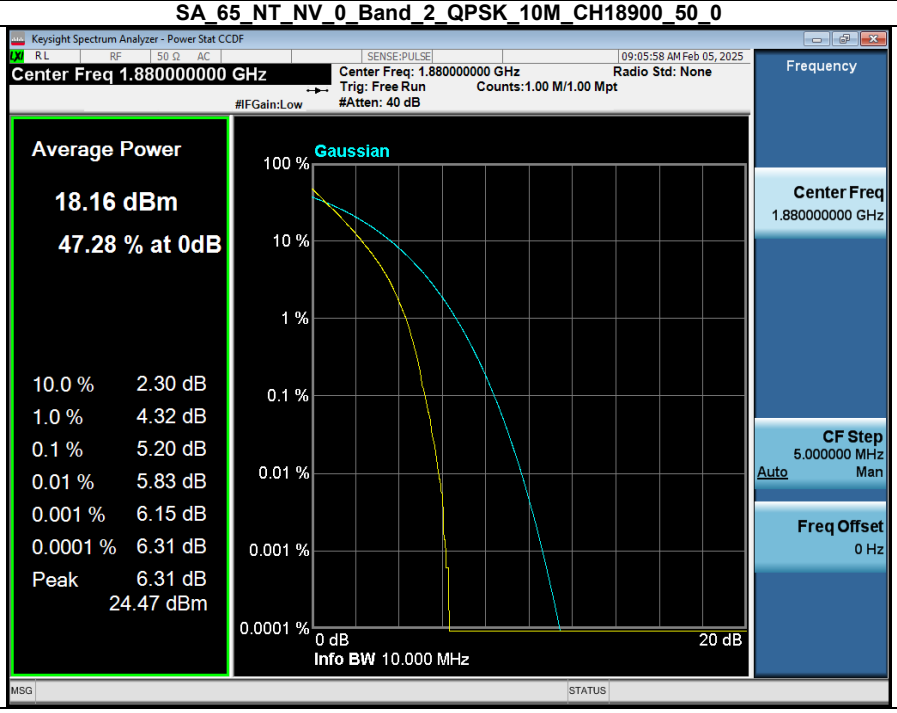

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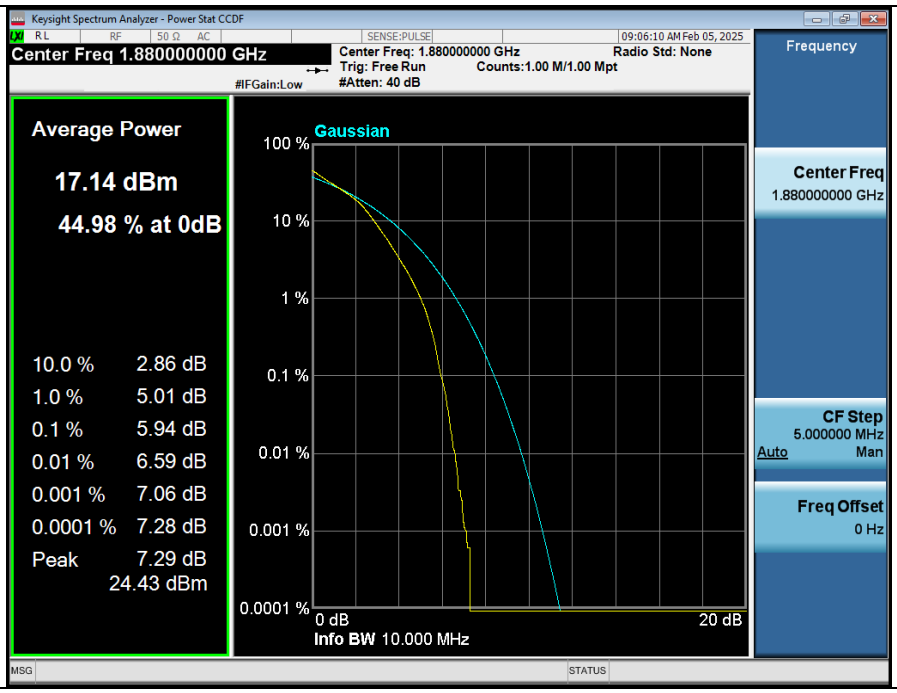

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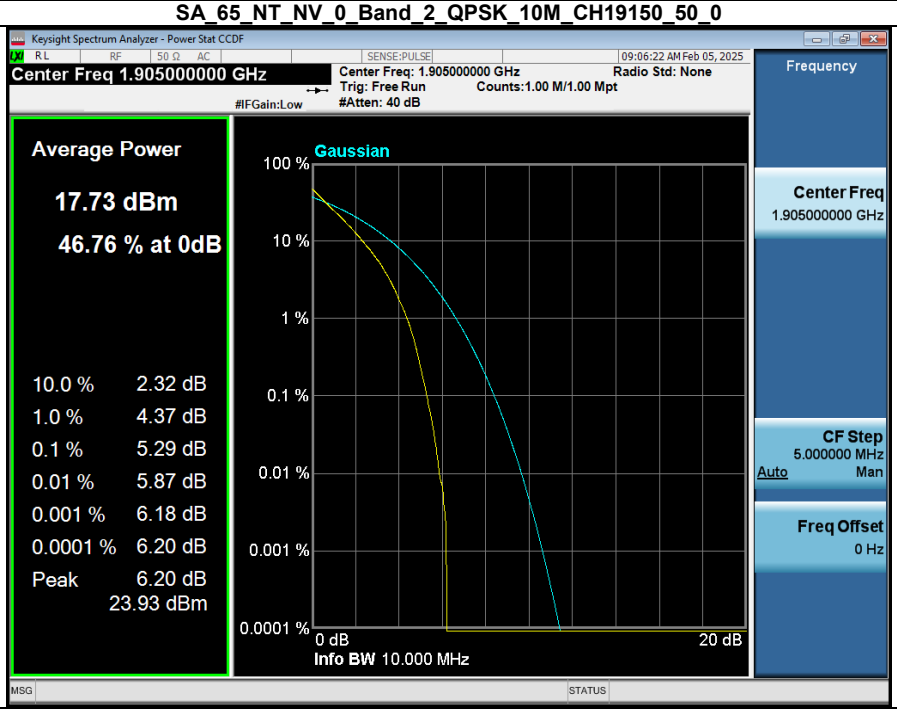

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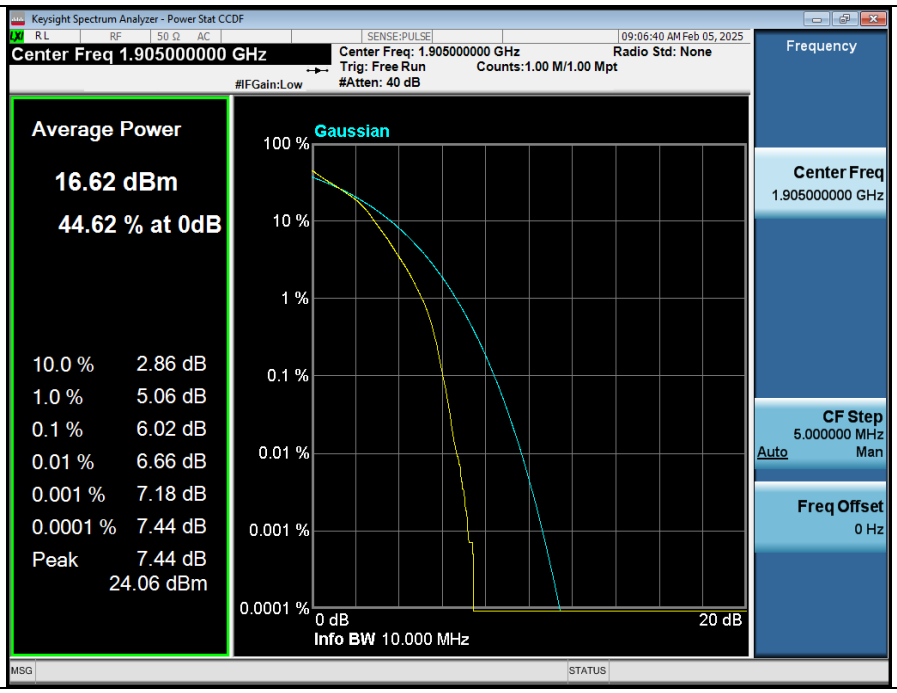

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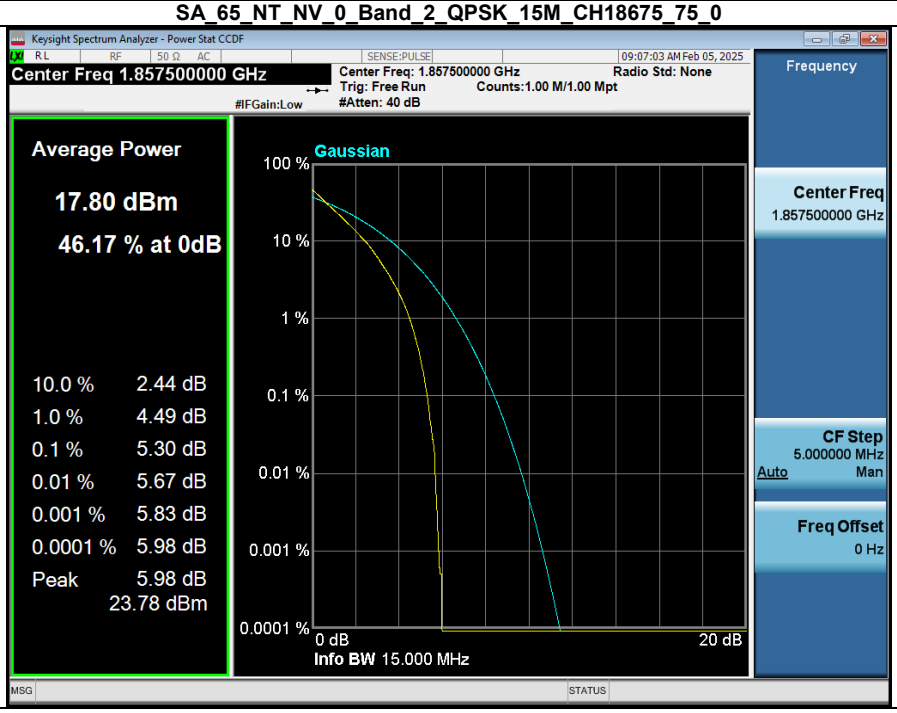

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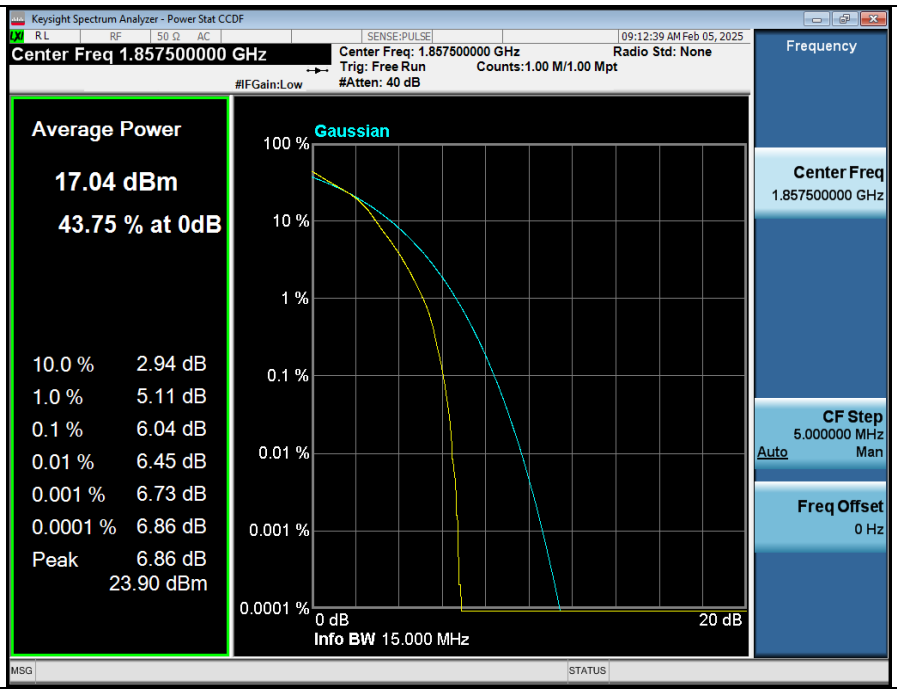

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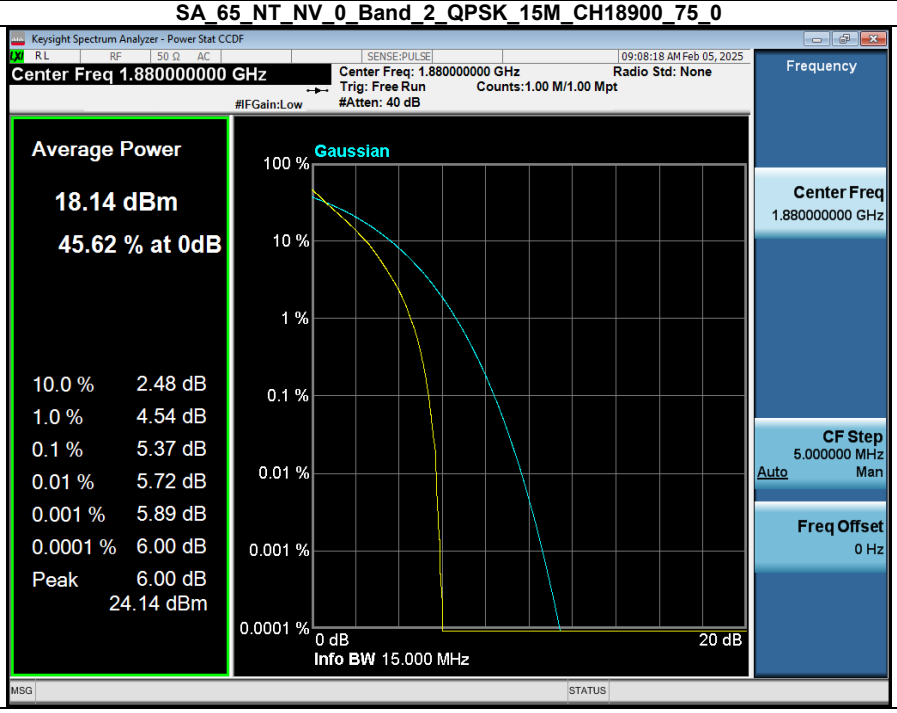

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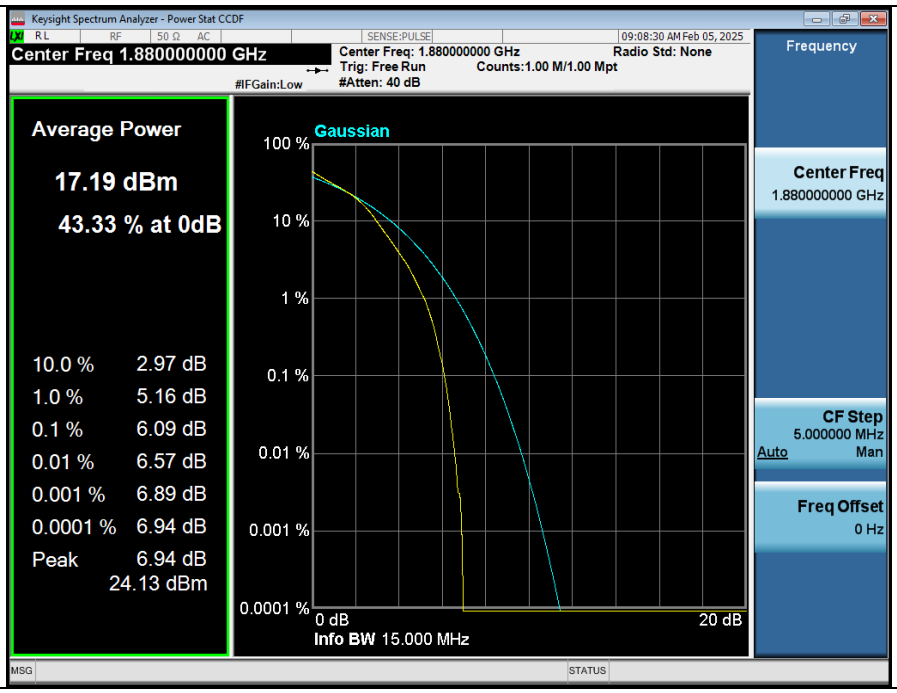

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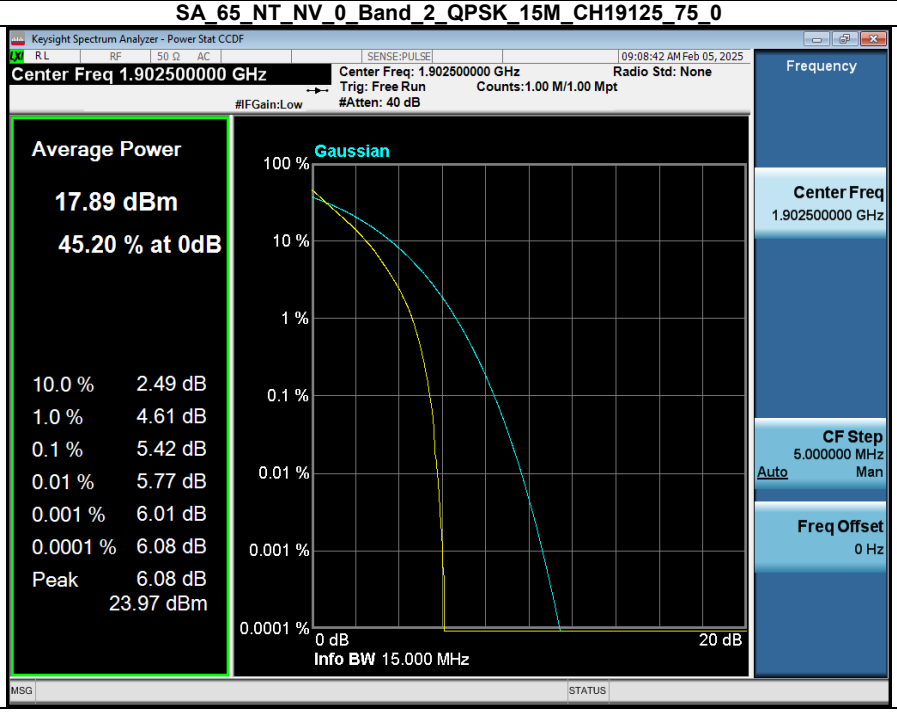

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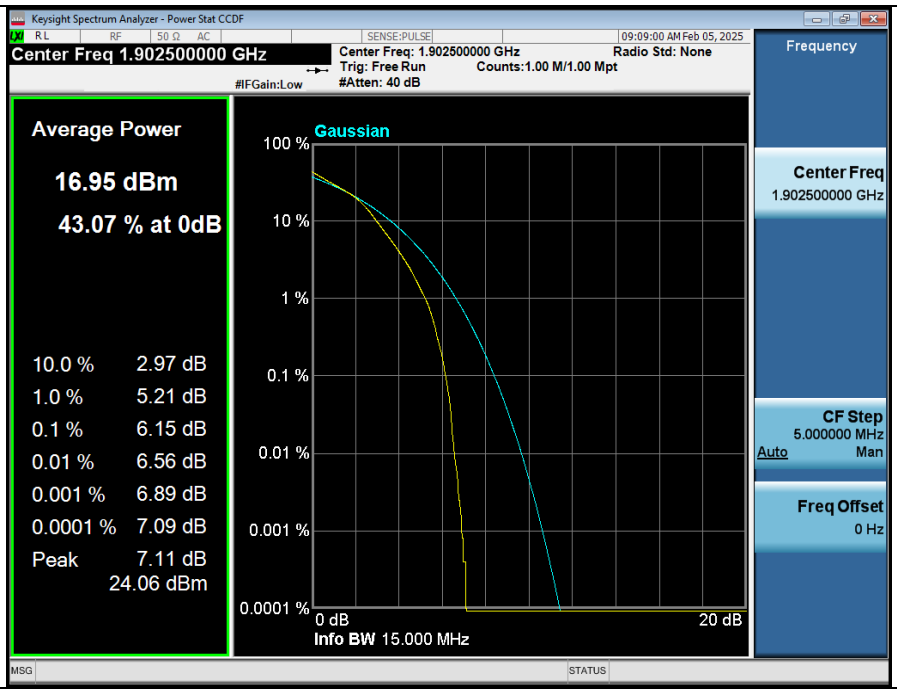

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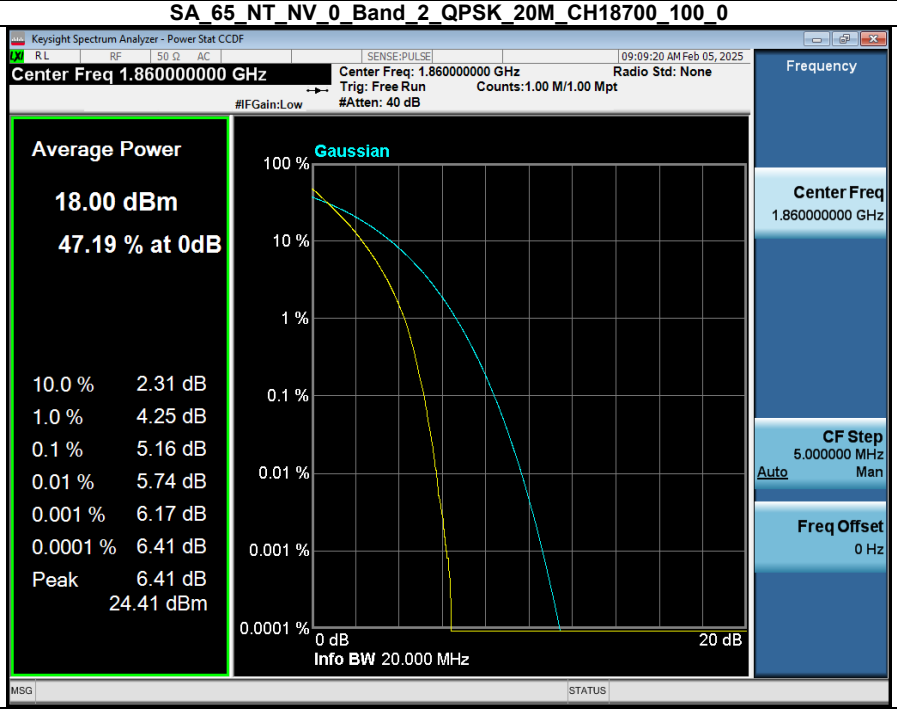

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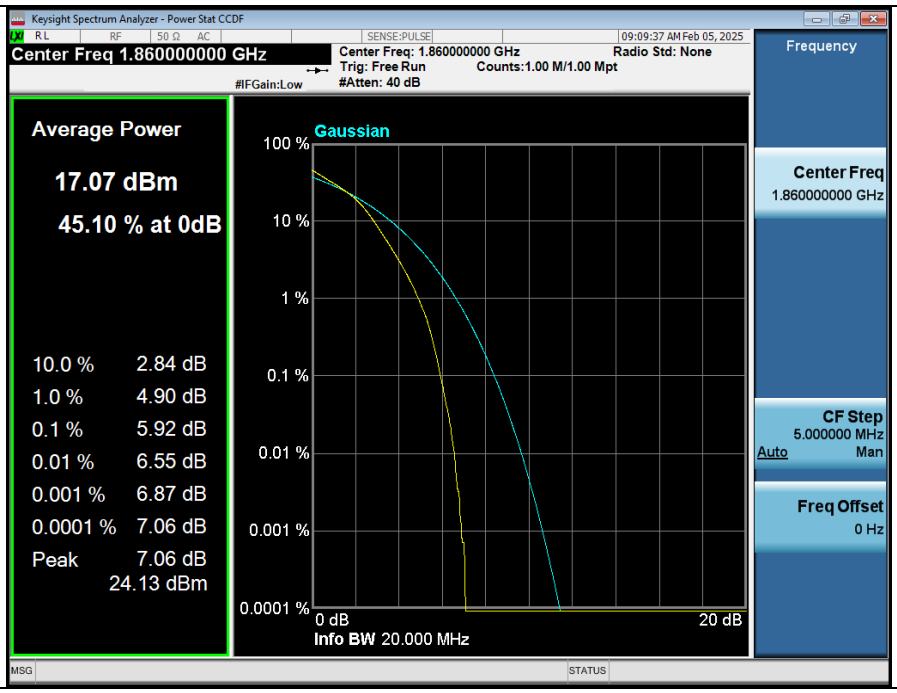

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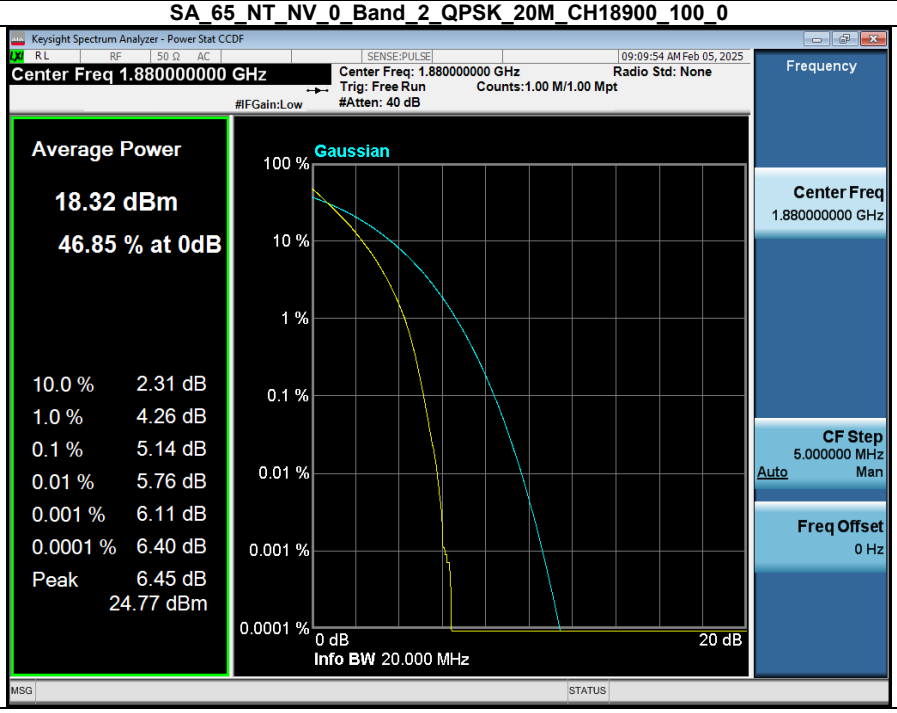

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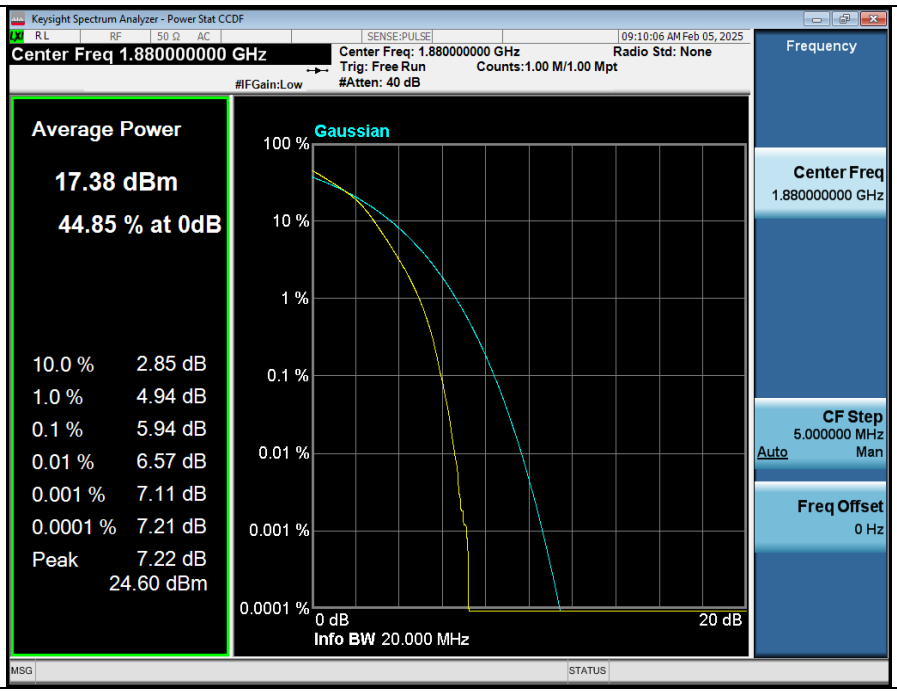

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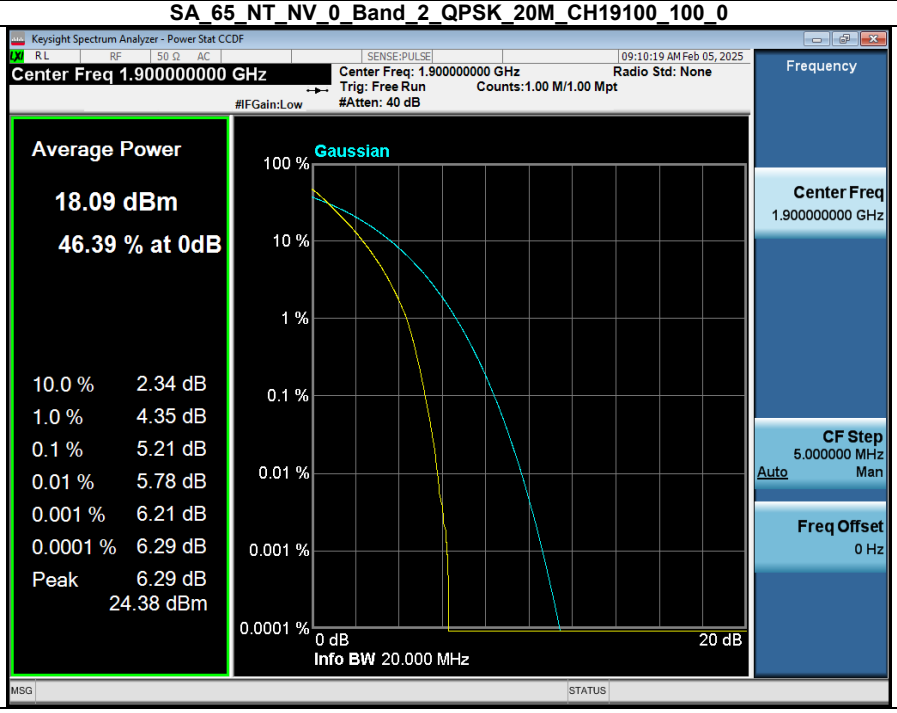

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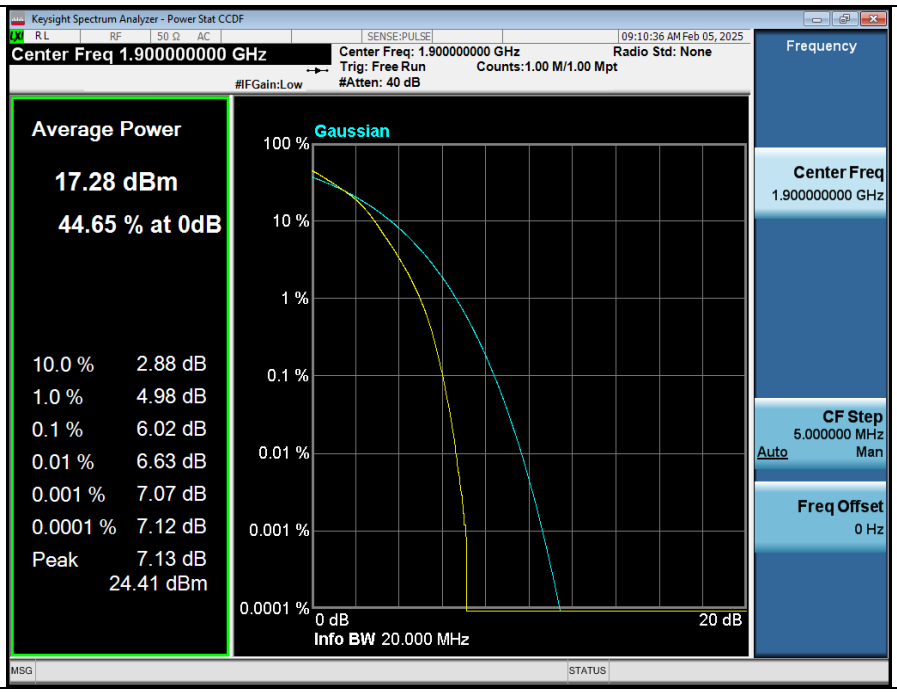
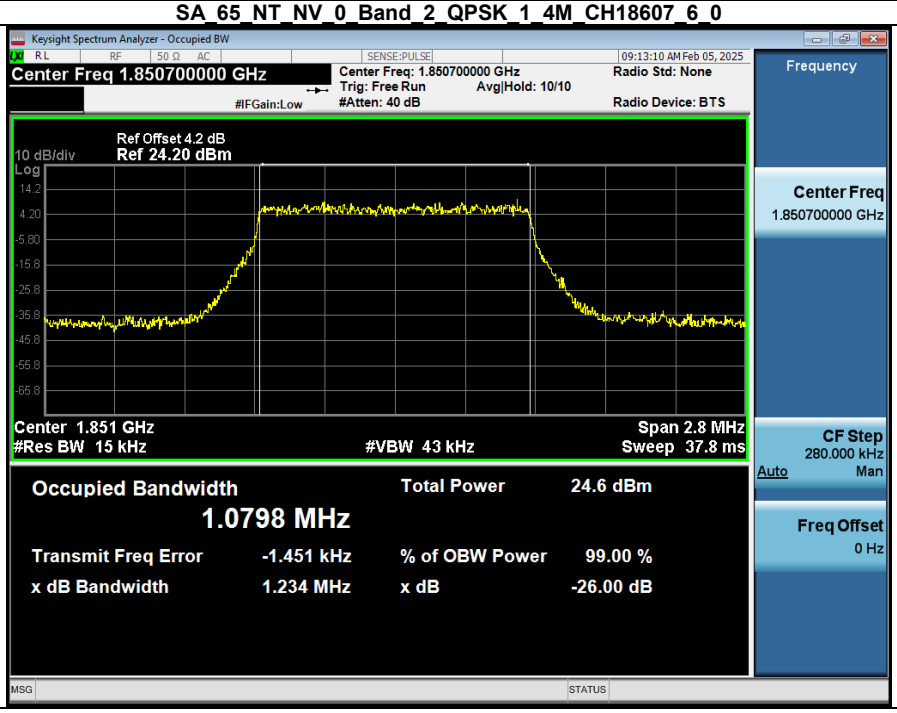

Keysight Spectrum Analyzer - Power Stat CCDF
Center Freq 1.900000000 GHz
Center Freq: 1.900000000 GHz
Trig: Free Run
#Atten: 40 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
09:10:36 AM Feb 05, 2025
#IFGain:Low
Average Power
17.28 dBm
44.65 % at 0dB
10.0 % 2.88 dB
1.0 % 4.98 dB
0.1 % 6.02 dB
0.01 % 6.63 dB
0.001 % 7.07 dB
0.0001 % 7.12 dB
Peak 7.13 dB
24.41 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 20.000 MHz
Frequency
Center Freq
1.900000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

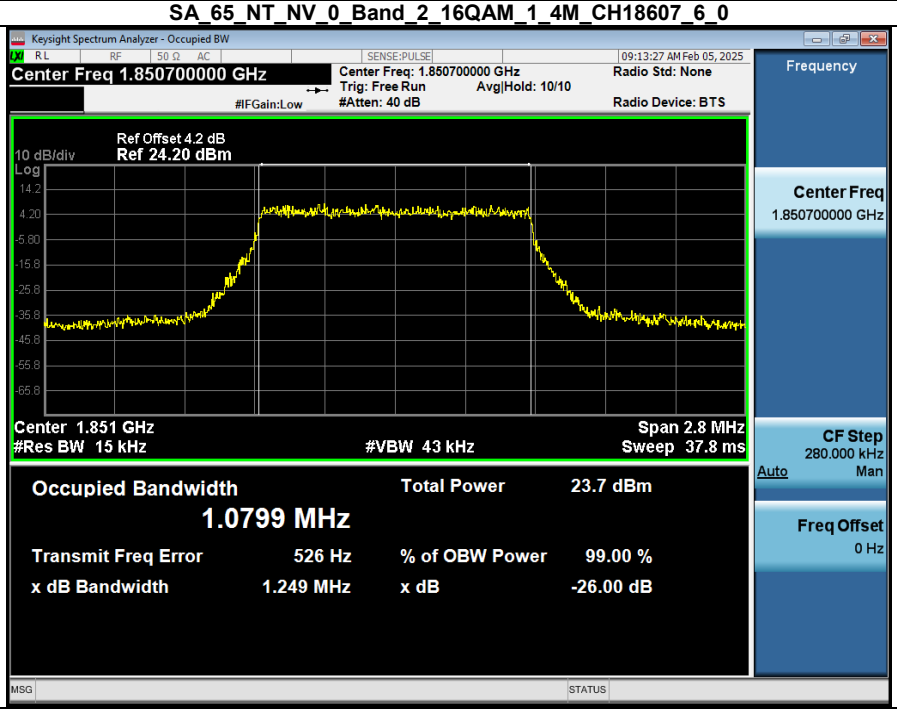
3. Occupied Bandwidth

Condition	Band	Modulation	BW(MHz)	Frequency(MHz)	RB_Size	RB_start	OBW(MHz)	-26EBW(MHz)
NV_NT	Band 2	QPSK	1.4M	1850.7	6	0	1.0798	1.2345
NV_NT	Band 2	16QAM	1.4M	1850.7	6	0	1.0799	1.2495
NV_NT	Band 2	QPSK	1.4M	1880.0	6	0	1.0774	1.2388
NV_NT	Band 2	16QAM	1.4M	1880.0	6	0	1.0792	1.2450
NV_NT	Band 2	QPSK	1.4M	1909.3	6	0	1.0791	1.2728
NV_NT	Band 2	16QAM	1.4M	1909.3	6	0	1.0805	1.2721
NV_NT	Band 2	QPSK	3M	1851.5	15	0	2.6759	2.9050
NV_NT	Band 2	16QAM	3M	1851.5	15	0	2.6834	2.9188
NV_NT	Band 2	QPSK	3M	1880.0	15	0	2.6820	2.9131
NV_NT	Band 2	16QAM	3M	1880.0	15	0	2.6741	2.9271
NV_NT	Band 2	QPSK	3M	1908.5	15	0	2.6854	2.9101
NV_NT	Band 2	16QAM	3M	1908.5	15	0	2.6814	2.9210
NV_NT	Band 2	QPSK	5M	1852.5	25	0	4.4654	4.9263
NV_NT	Band 2	16QAM	5M	1852.5	25	0	4.4685	4.9517
NV_NT	Band 2	QPSK	5M	1880.0	25	0	4.4623	4.9203
NV_NT	Band 2	16QAM	5M	1880.0	25	0	4.4627	4.8540
NV_NT	Band 2	QPSK	5M	1907.5	25	0	4.4720	4.9002
NV_NT	Band 2	16QAM	5M	1907.5	25	0	4.4641	4.8745
NV_NT	Band 2	QPSK	10M	1855.0	50	0	8.9324	9.5891
NV_NT	Band 2	16QAM	10M	1855.0	50	0	8.9279	9.6702
NV_NT	Band 2	QPSK	10M	1880.0	50	0	8.9312	9.6270
NV_NT	Band 2	16QAM	10M	1880.0	50	0	8.9417	9.6629
NV_NT	Band 2	QPSK	10M	1905.0	50	0	8.9263	9.6200
NV_NT	Band 2	16QAM	10M	1905.0	50	0	8.9537	9.6646
NV_NT	Band 2	QPSK	15M	1857.5	75	0	13.3699	14.3506
NV_NT	Band 2	16QAM	15M	1857.5	75	0	13.3726	14.3598
NV_NT	Band 2	QPSK	15M	1880.0	75	0	13.3748	14.3651
NV_NT	Band 2	16QAM	15M	1880.0	75	0	13.3986	13.9720
NV_NT	Band 2	QPSK	15M	1902.5	75	0	13.3587	14.3073
NV_NT	Band 2	16QAM	15M	1902.5	75	0	13.3808	14.4172
NV_NT	Band 2	QPSK	20M	1860.0	100	0	17.8356	19.1079
NV_NT	Band 2	16QAM	20M	1860.0	100	0	17.7862	18.9309
NV_NT	Band 2	QPSK	20M	1880.0	100	0	17.8660	18.9000
NV_NT	Band 2	16QAM	20M	1880.0	100	0	17.8380	18.9818
NV_NT	Band 2	QPSK	20M	1900.0	100	0	17.8144	19.0397
NV_NT	Band 2	16QAM	20M	1900.0	100	0	17.8495	18.9637

SA_65_NT_NV_0_Band_2_QPSK_1_4M_CH18607_6_0



SA_65_NT_NV_0_Band_2_16QAM_1_4M_CH18607_6_0



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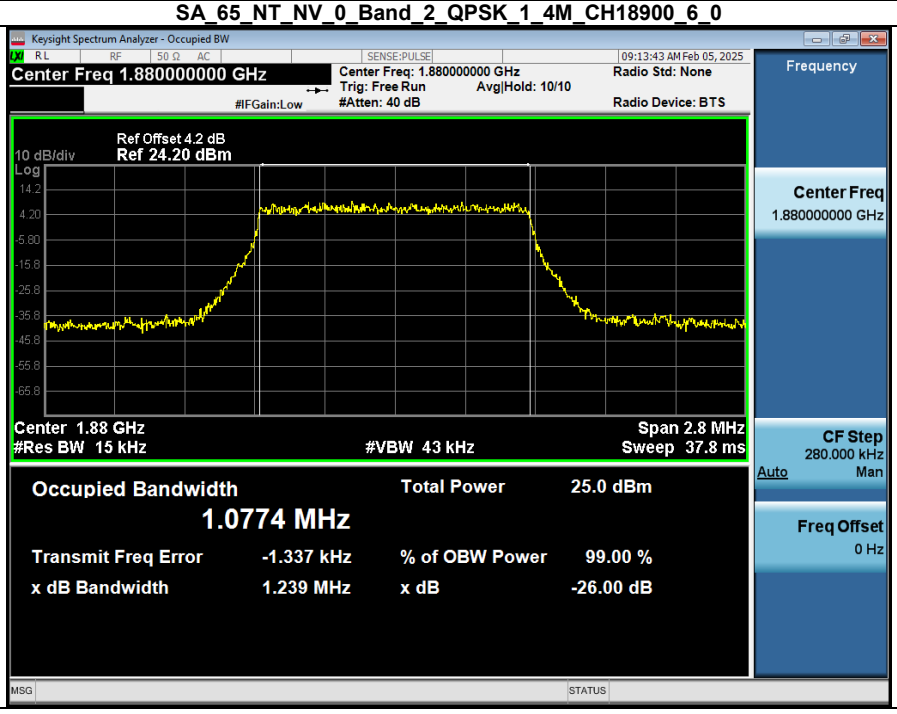

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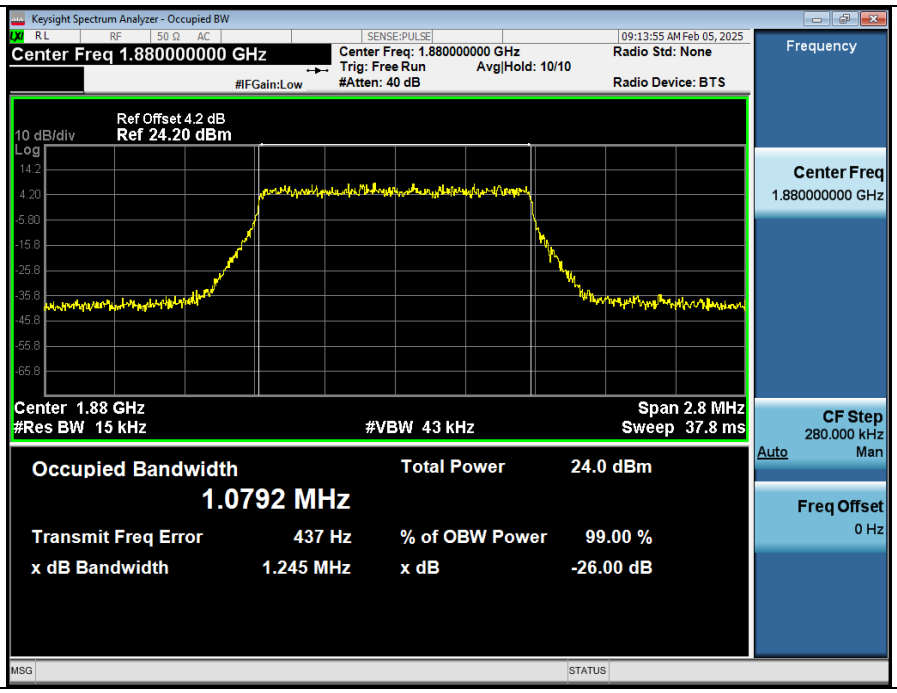

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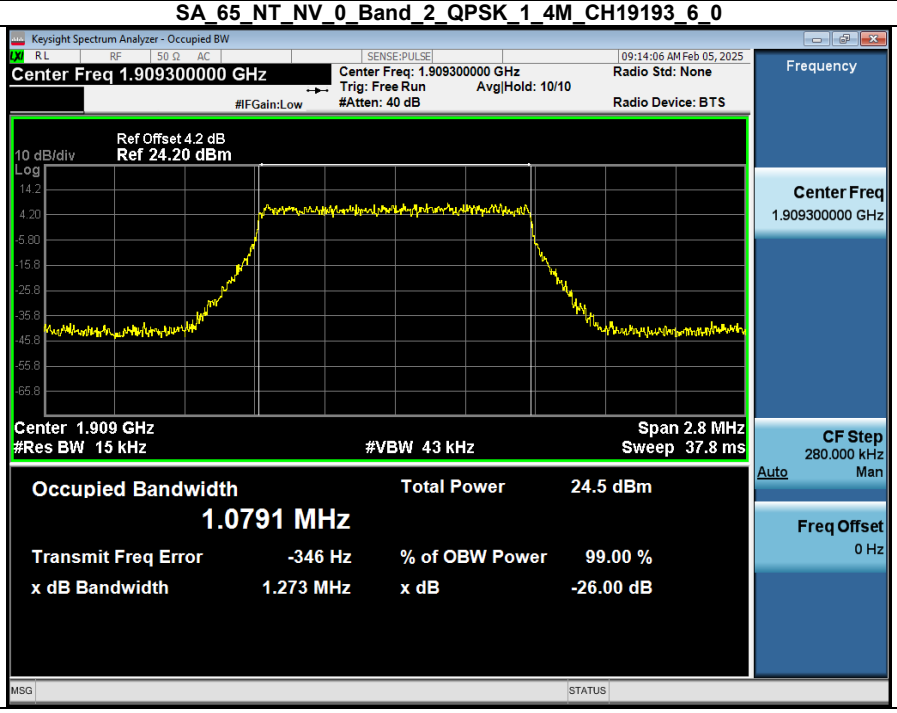

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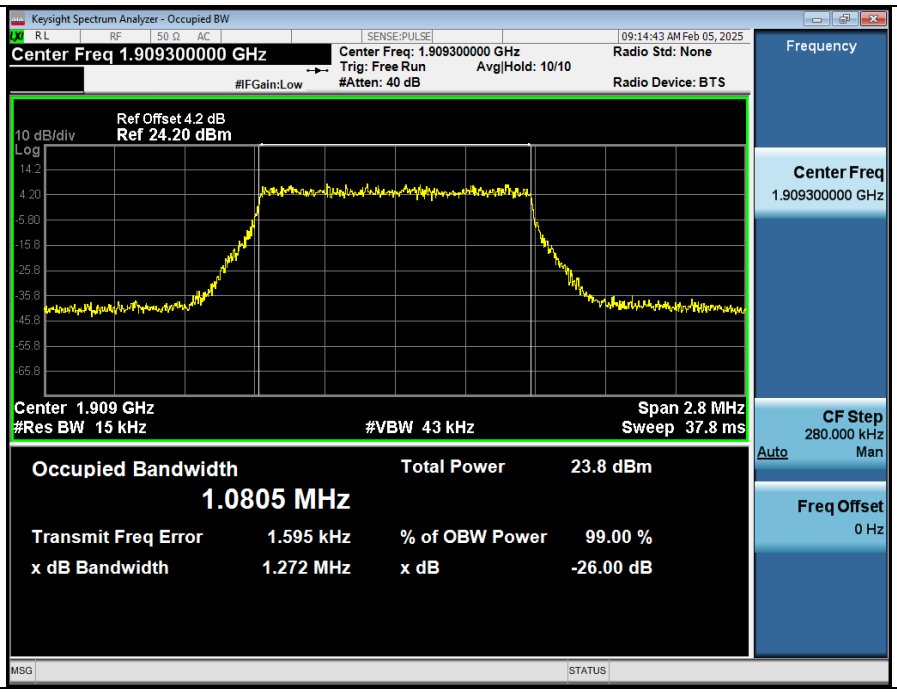

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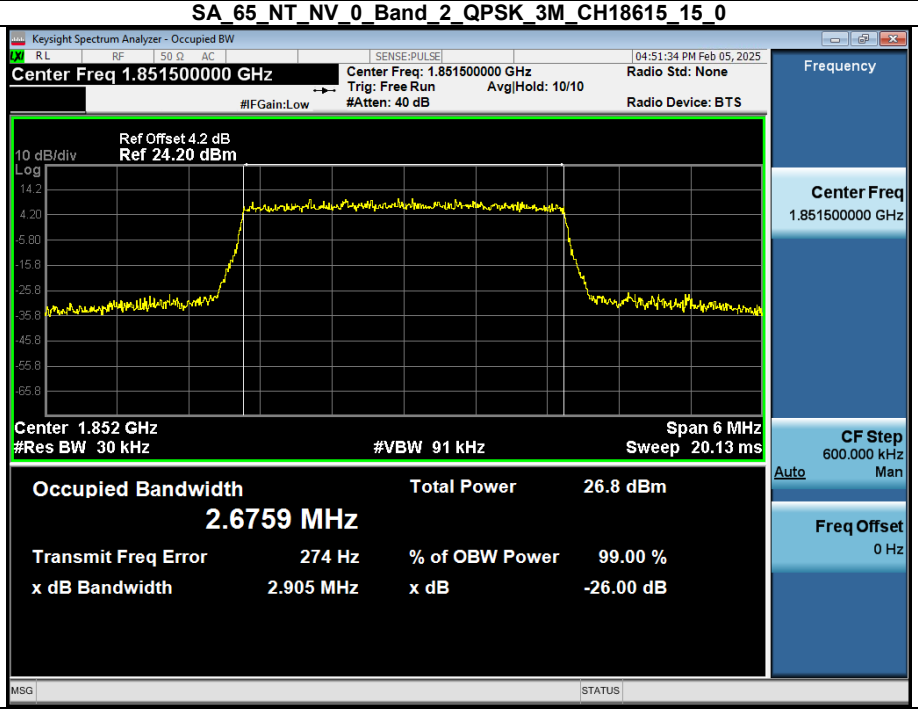

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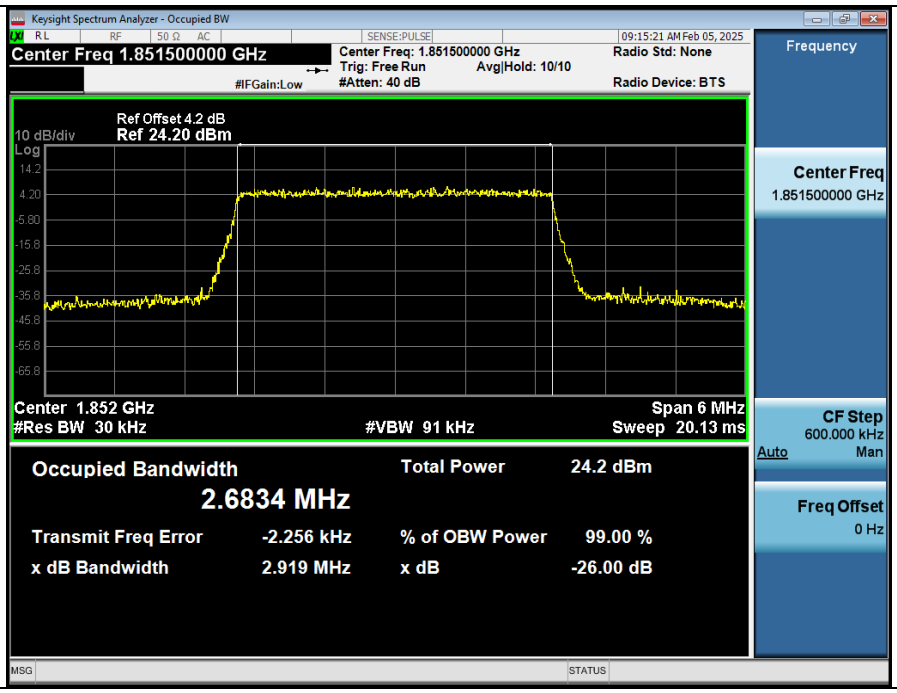

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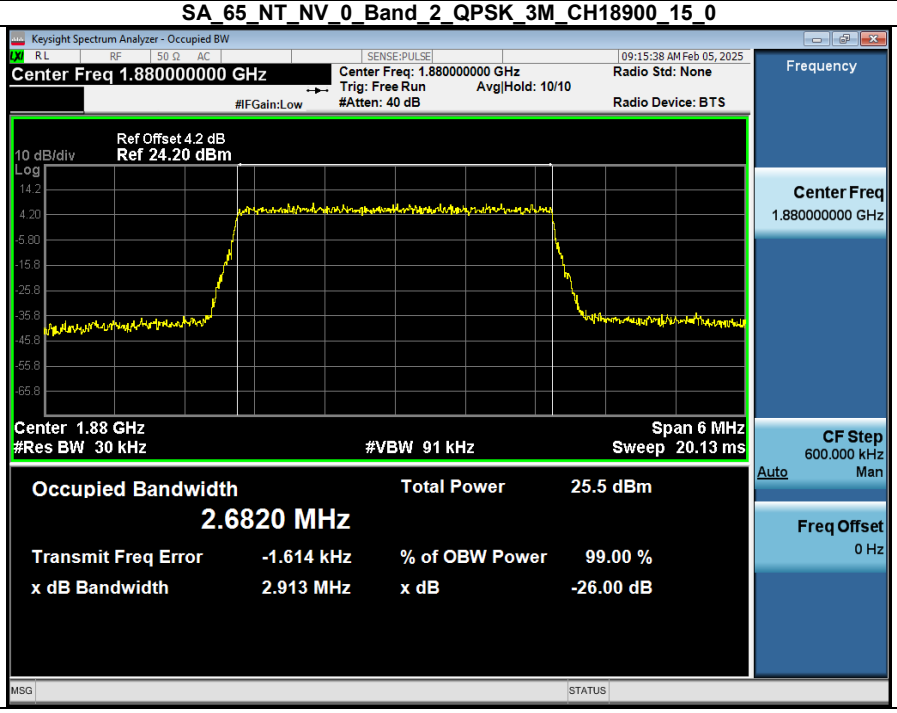

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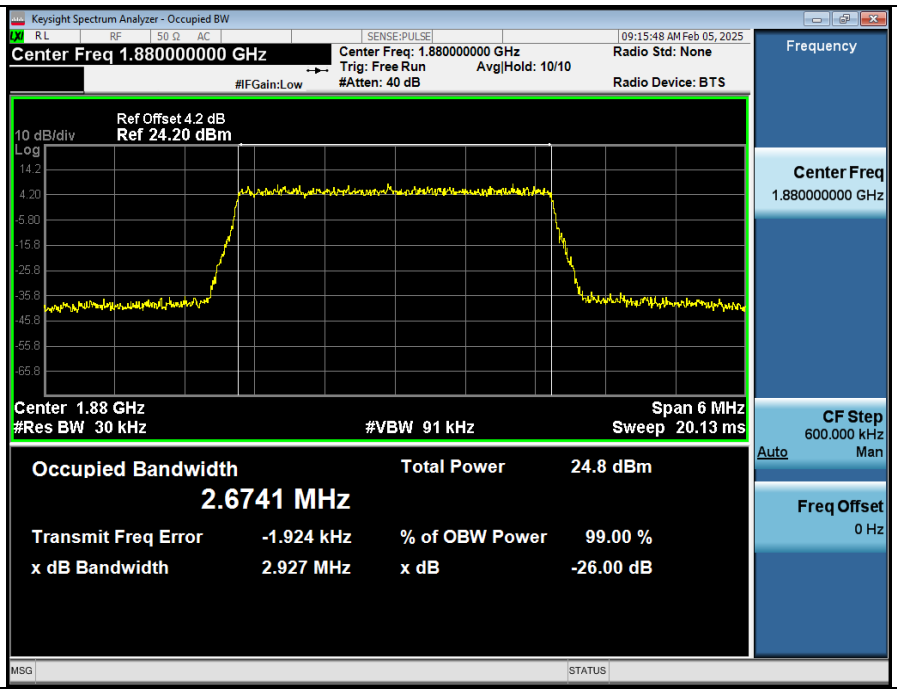

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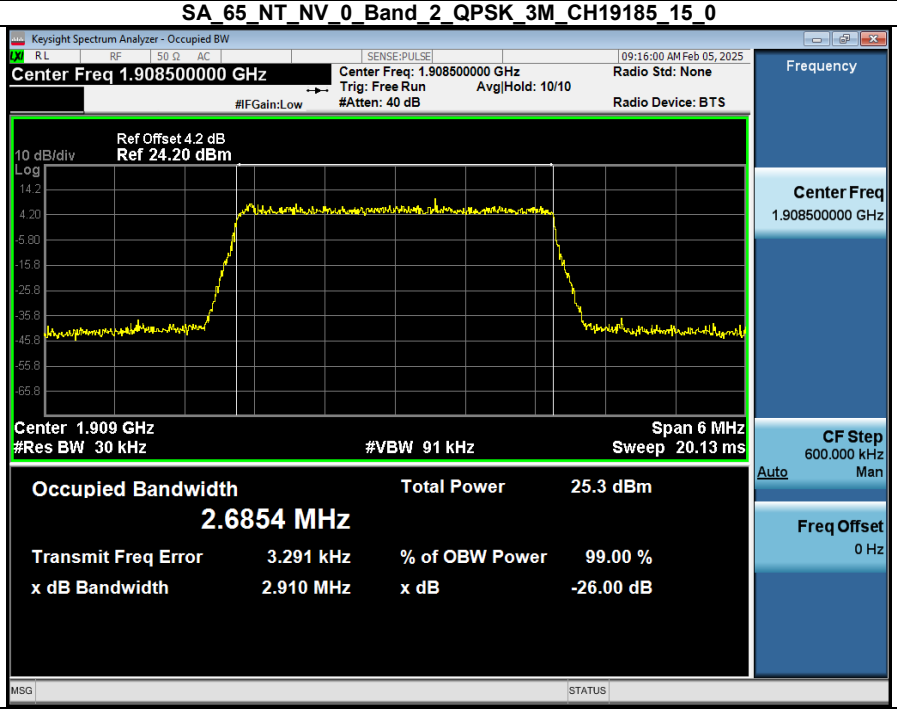

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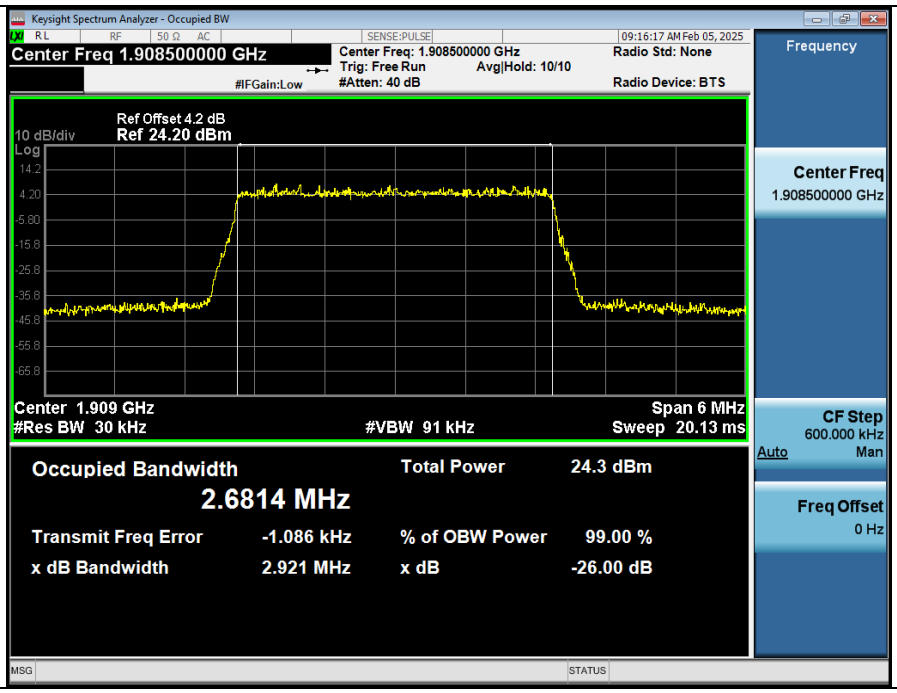

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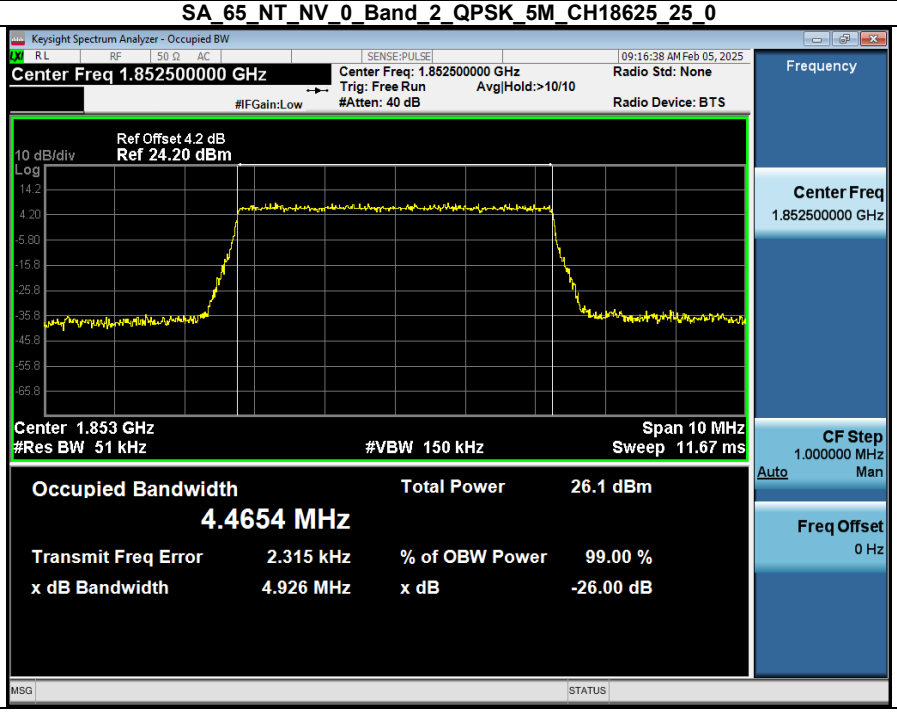

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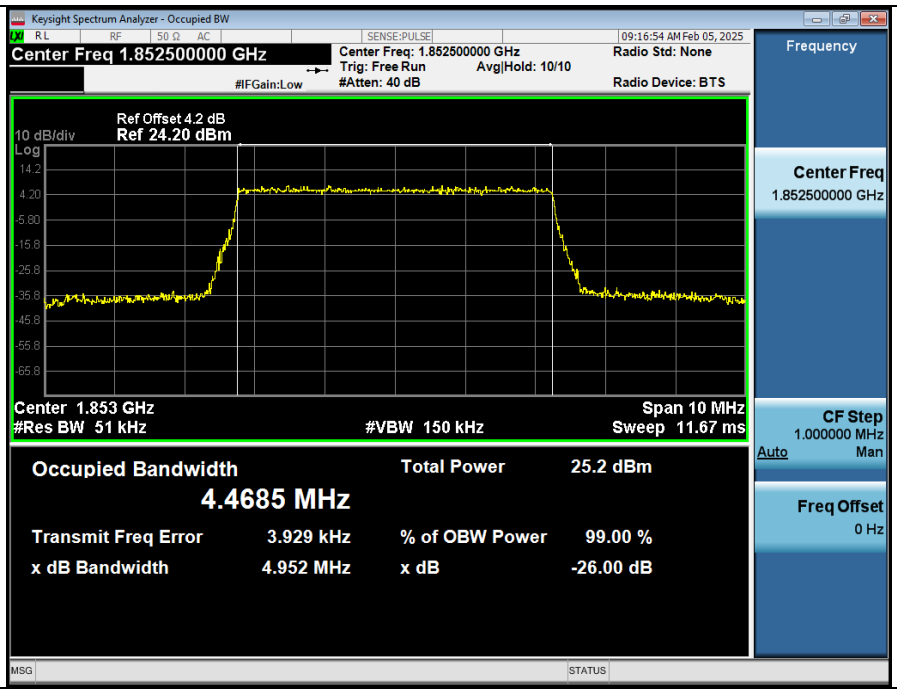

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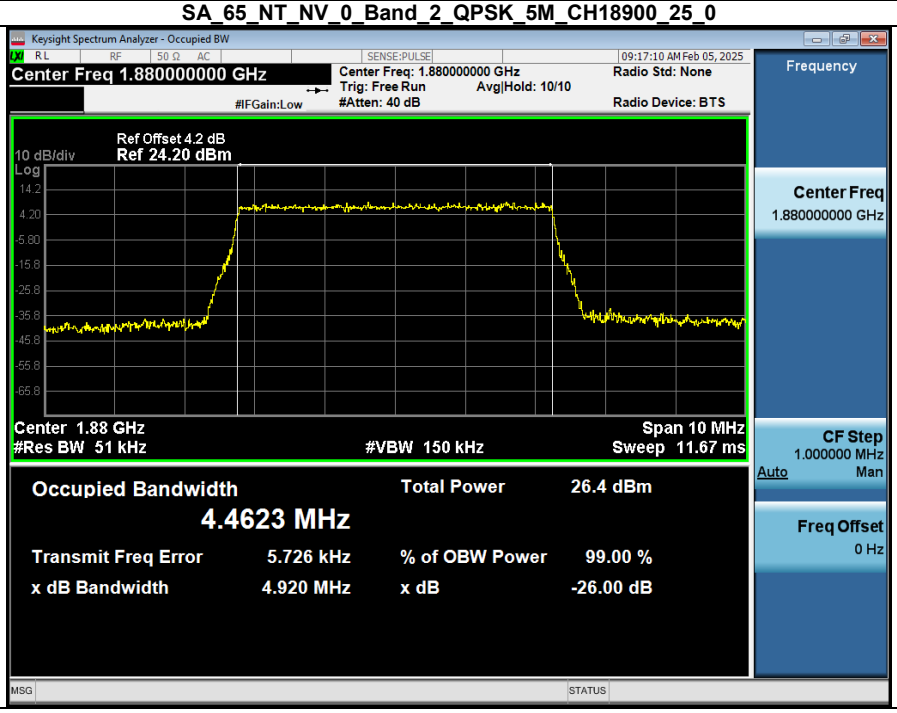

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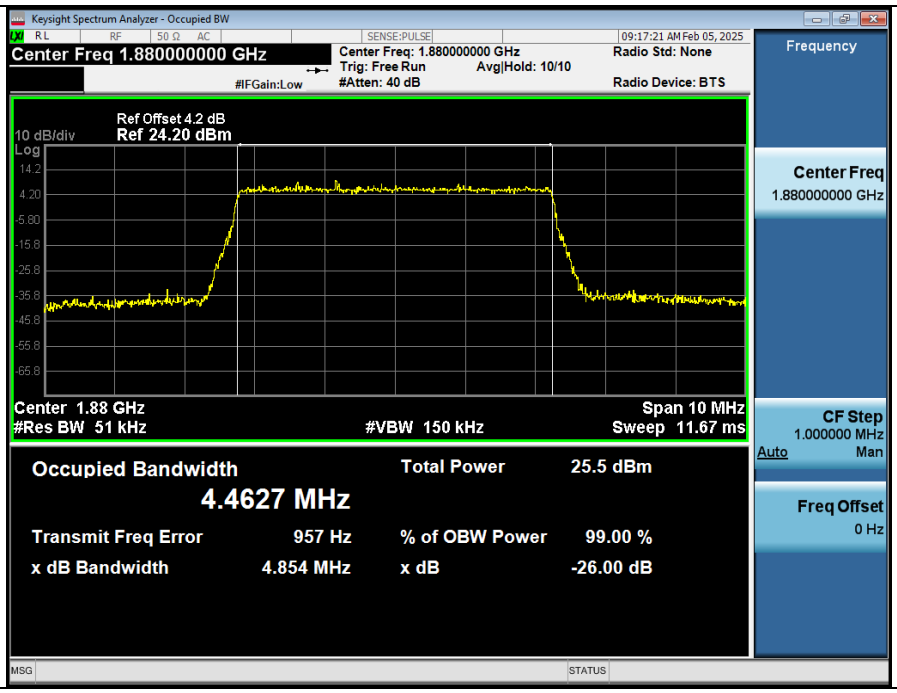

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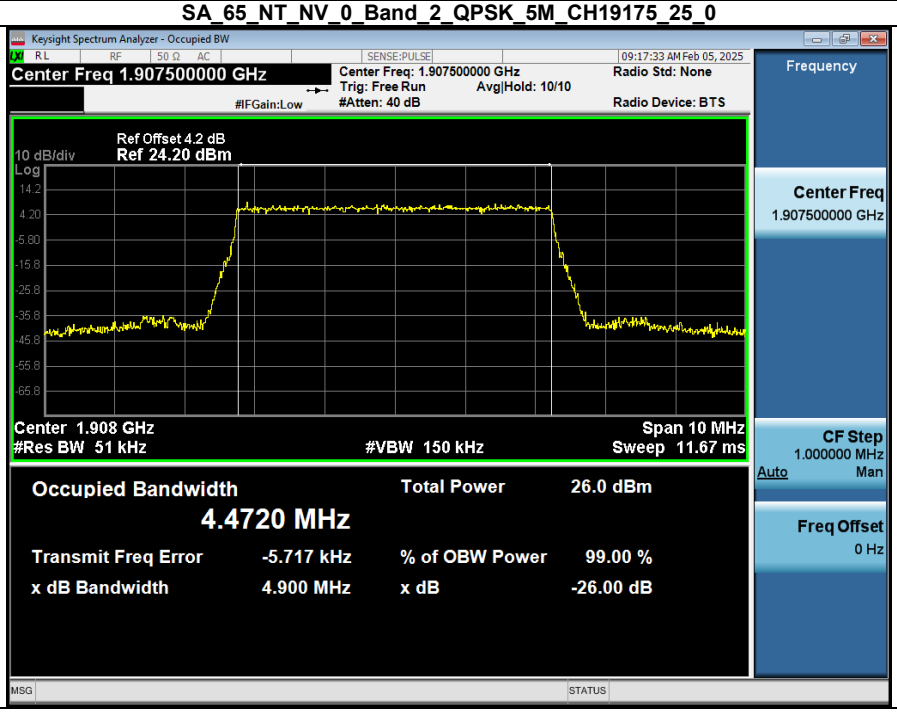

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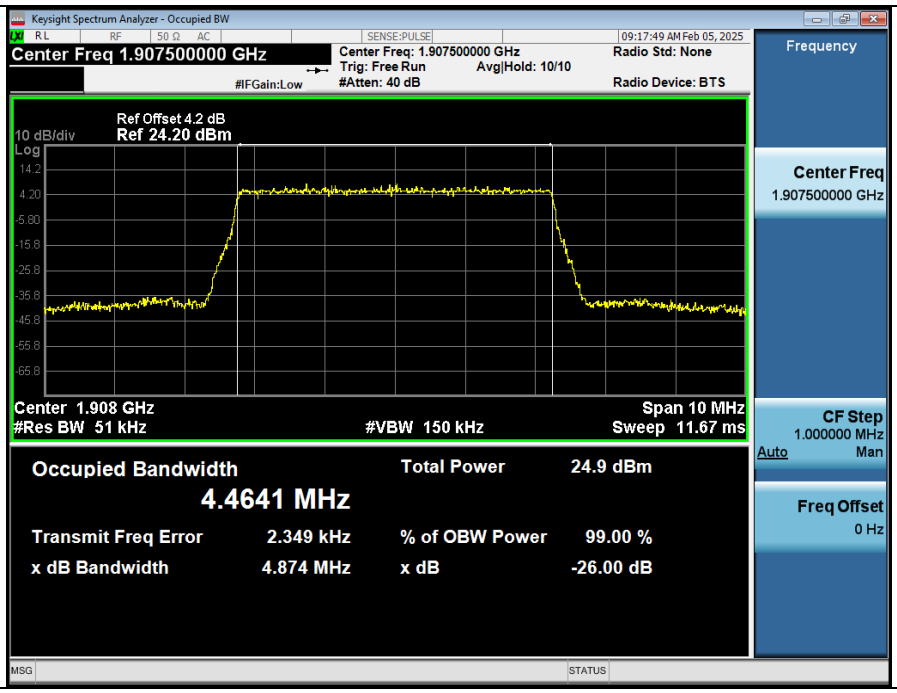

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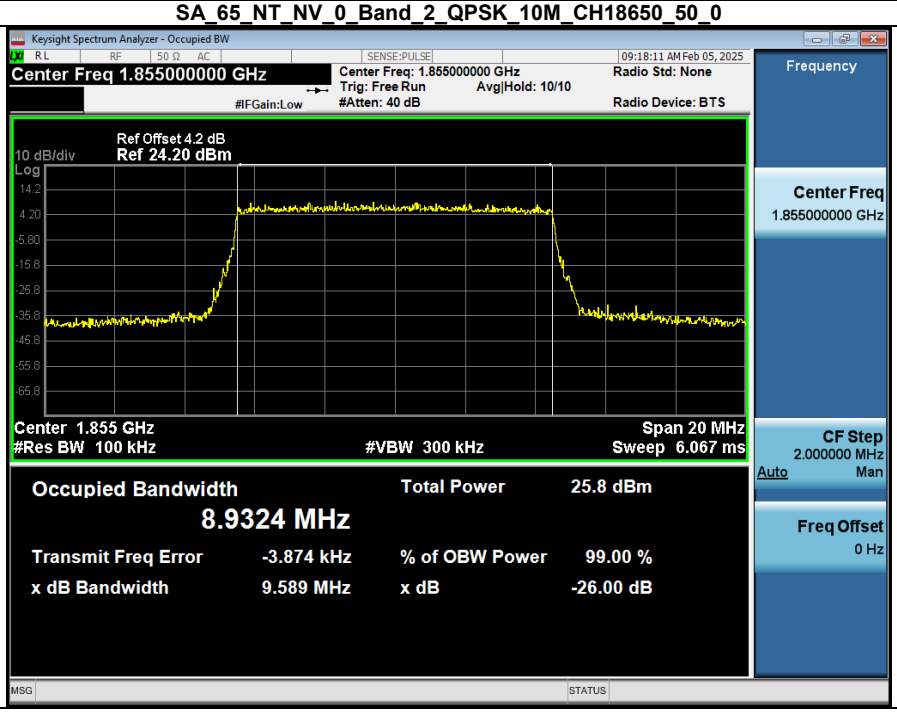

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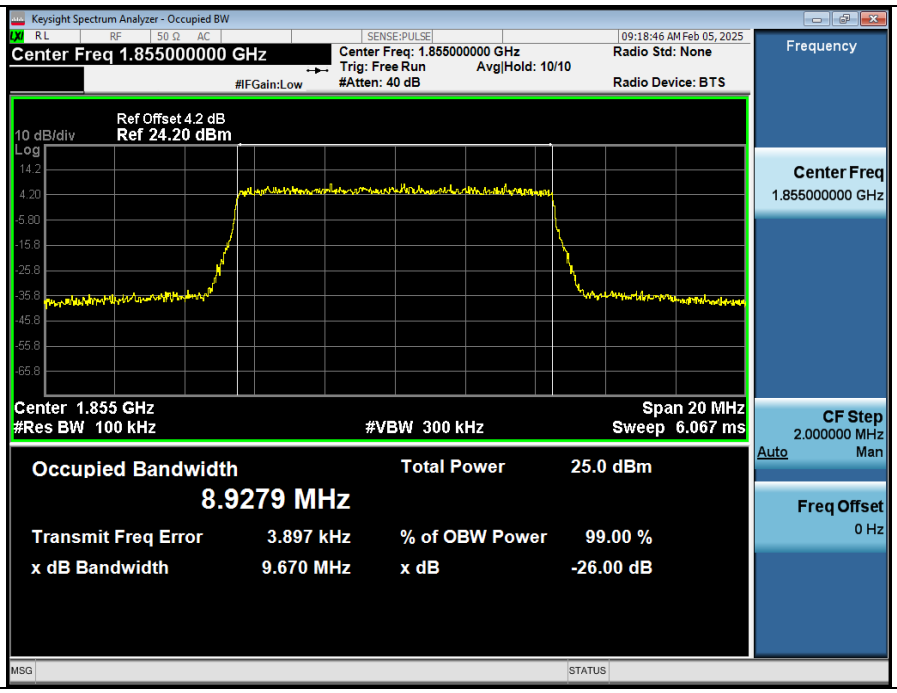

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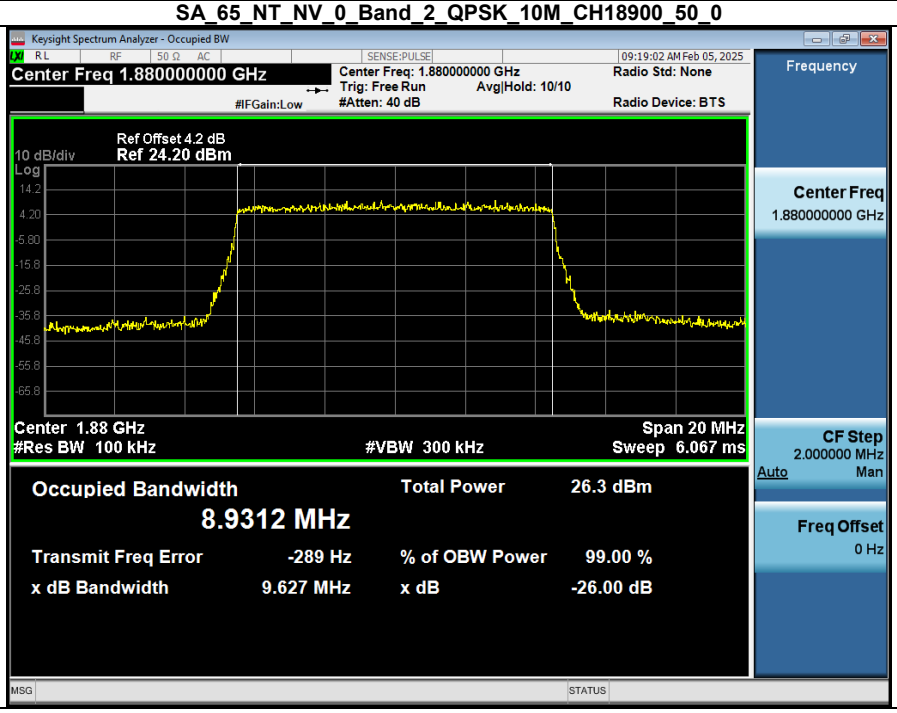

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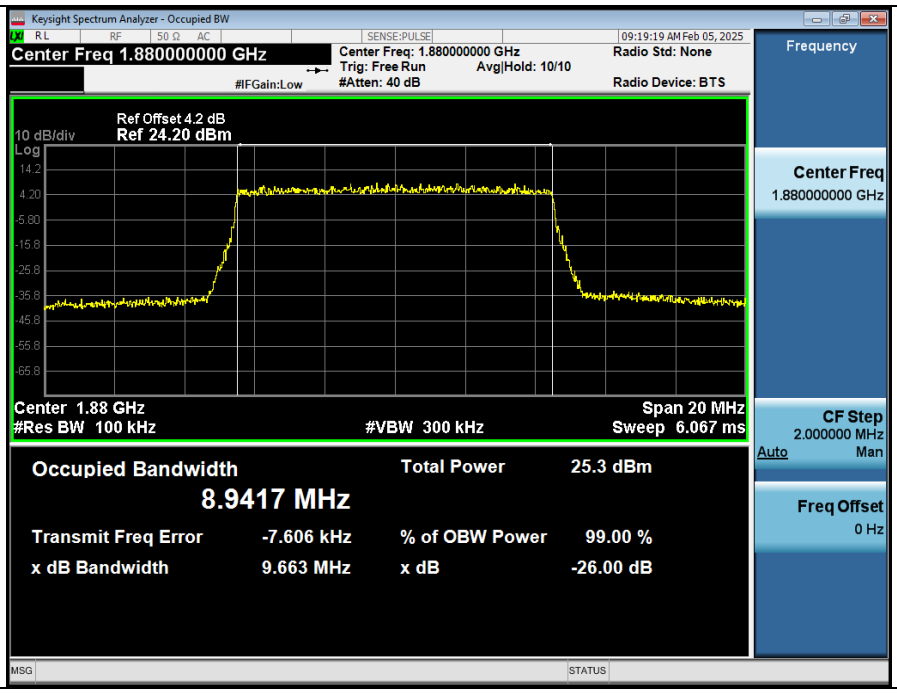

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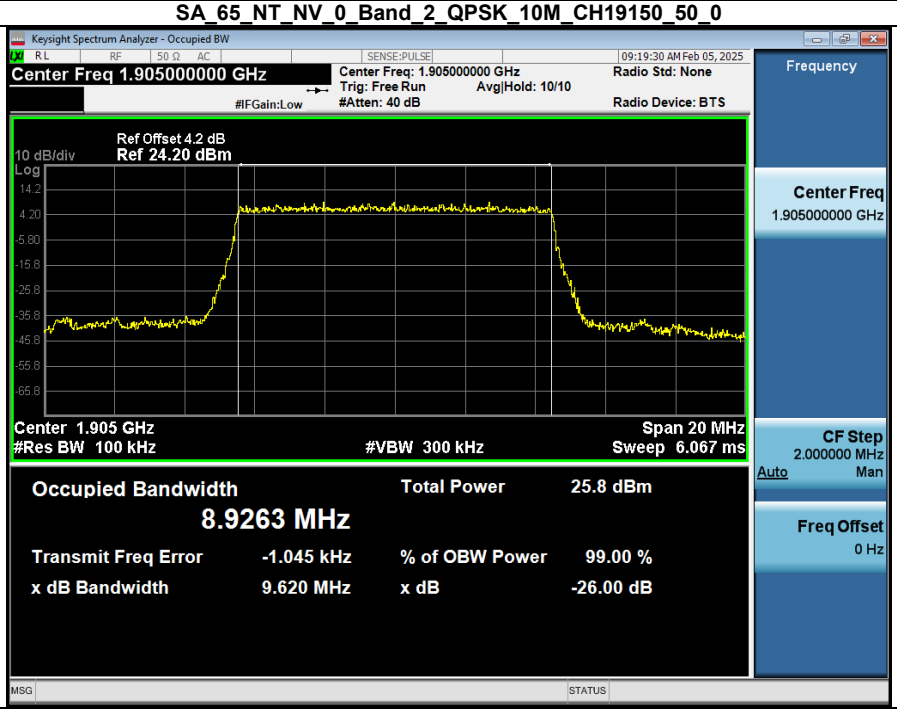

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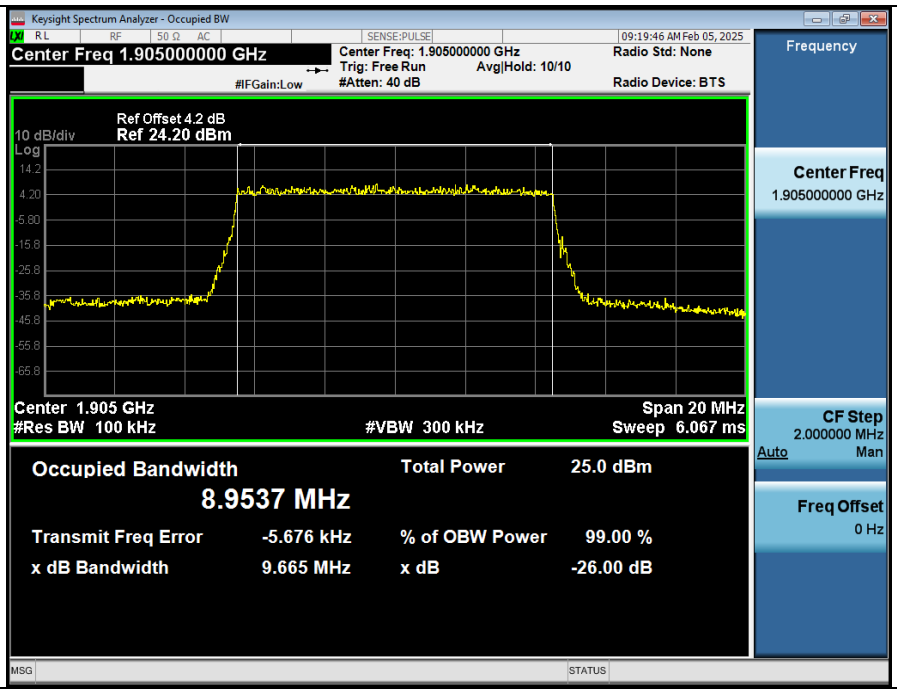

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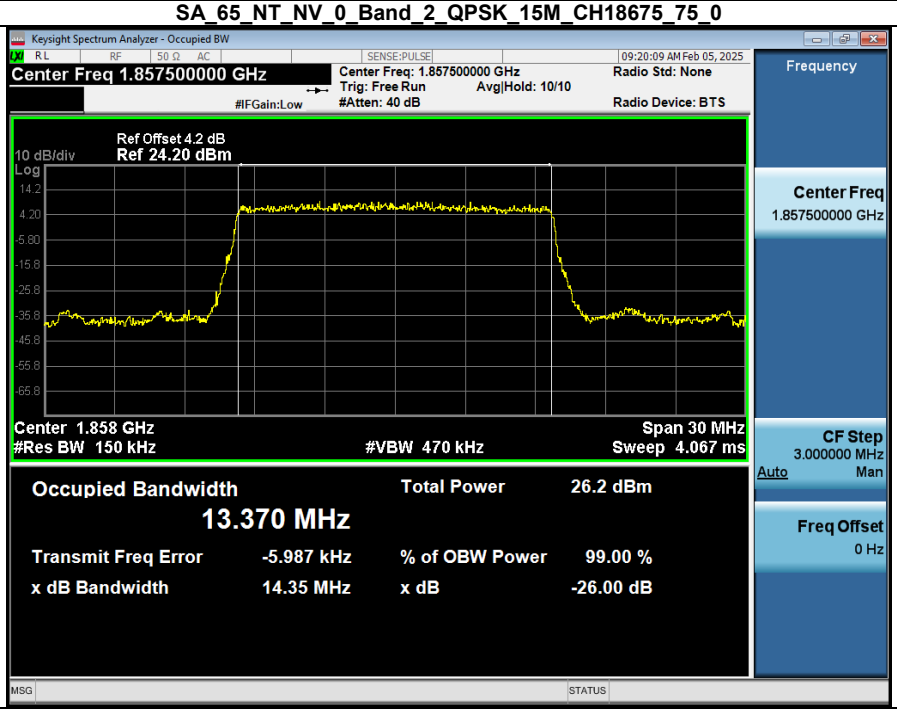

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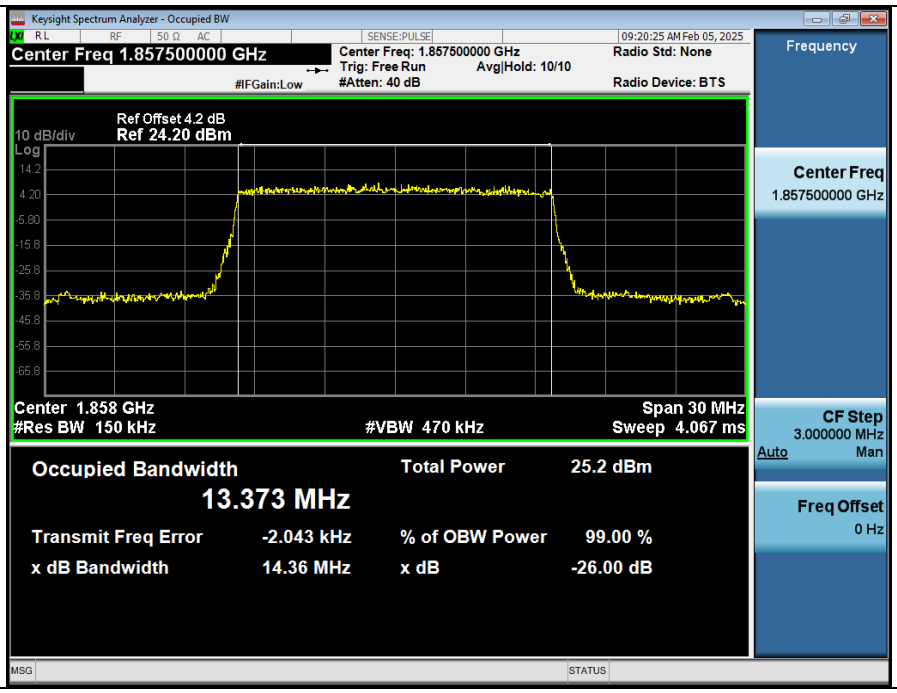

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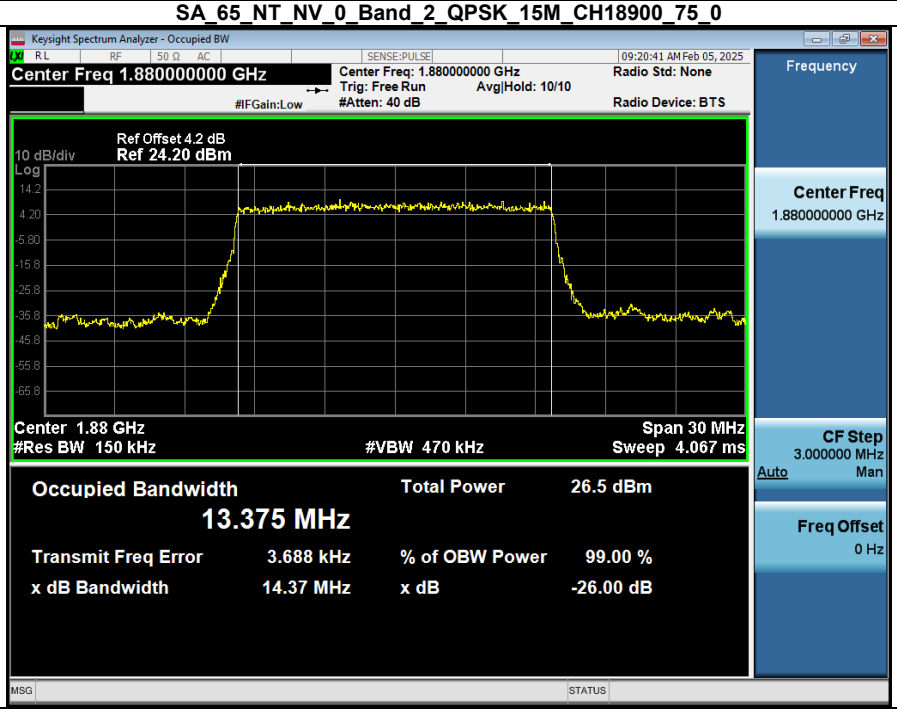

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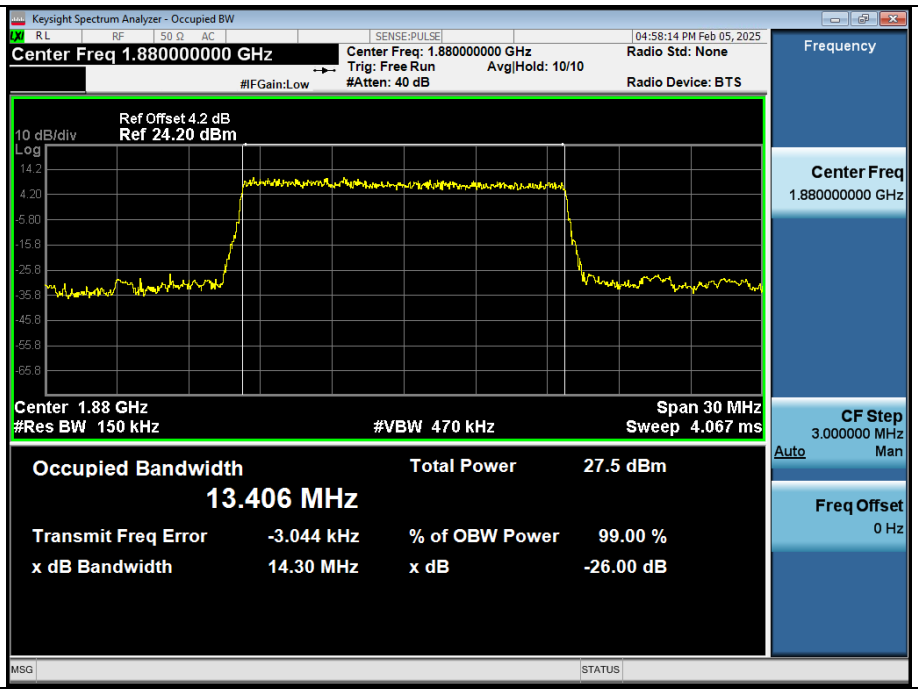

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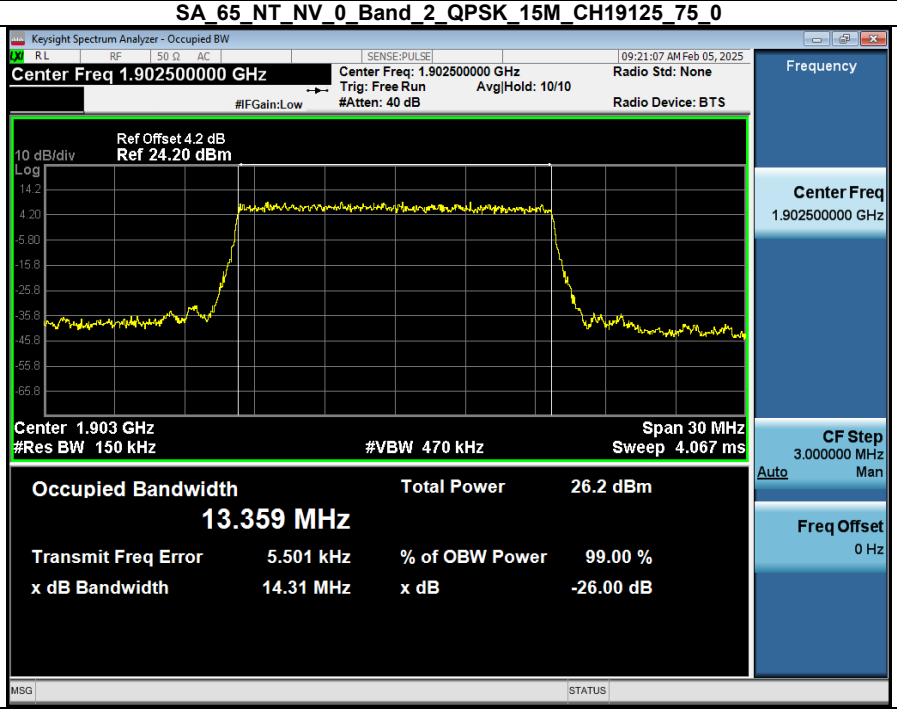

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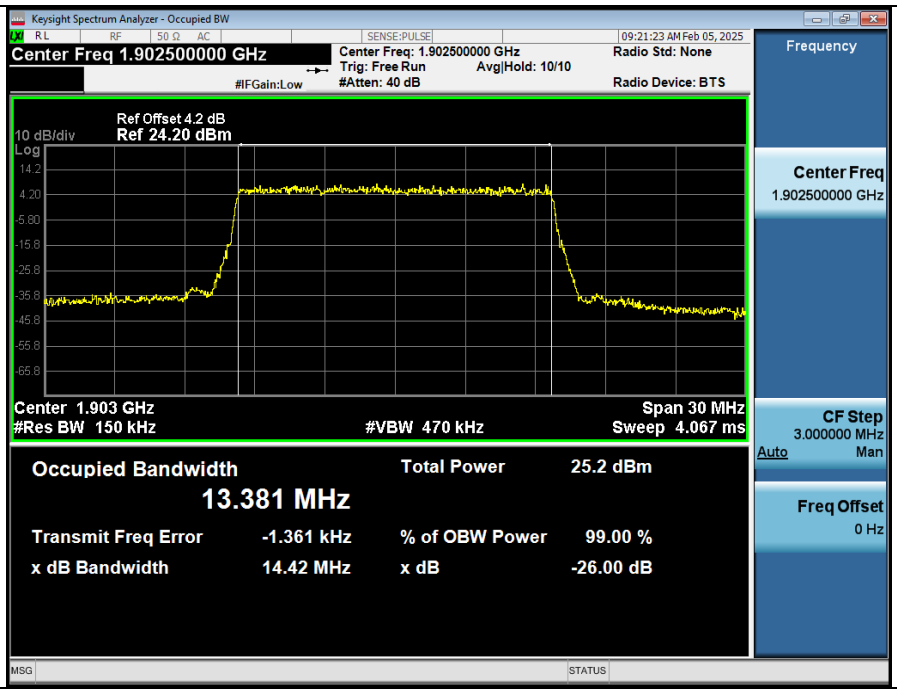

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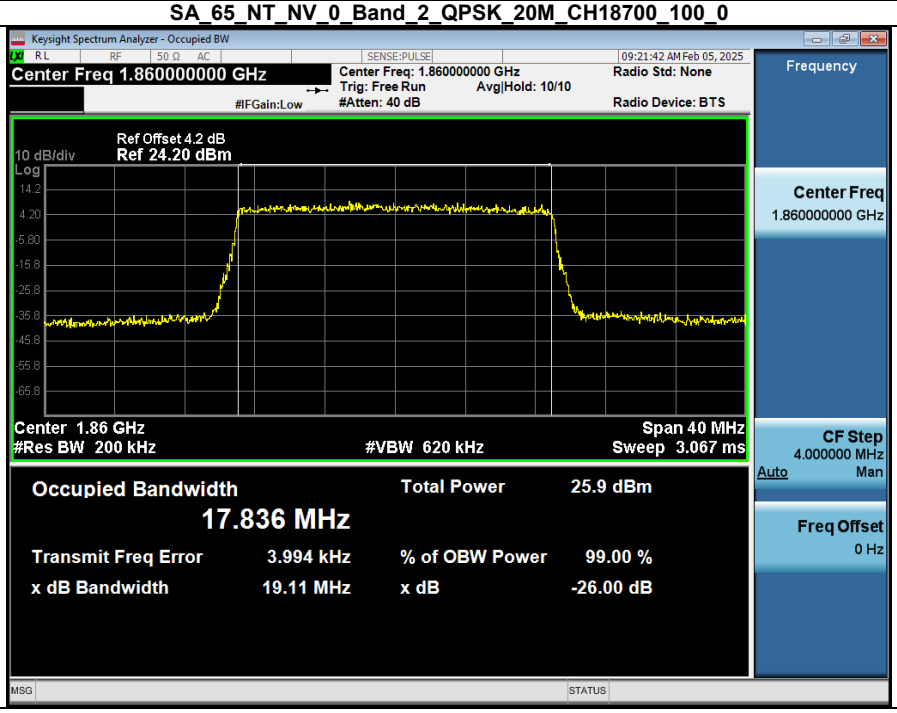

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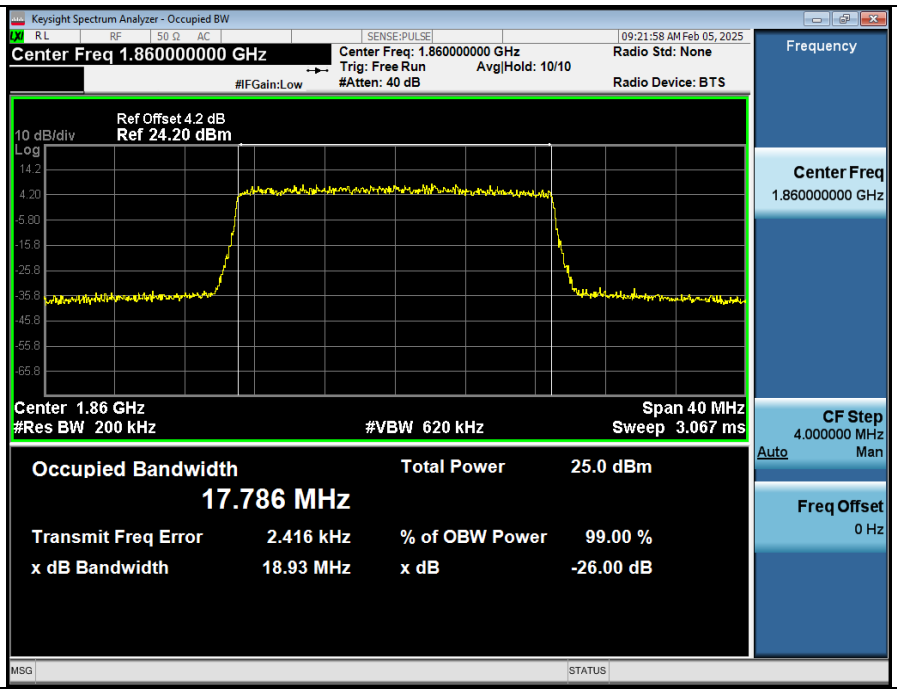
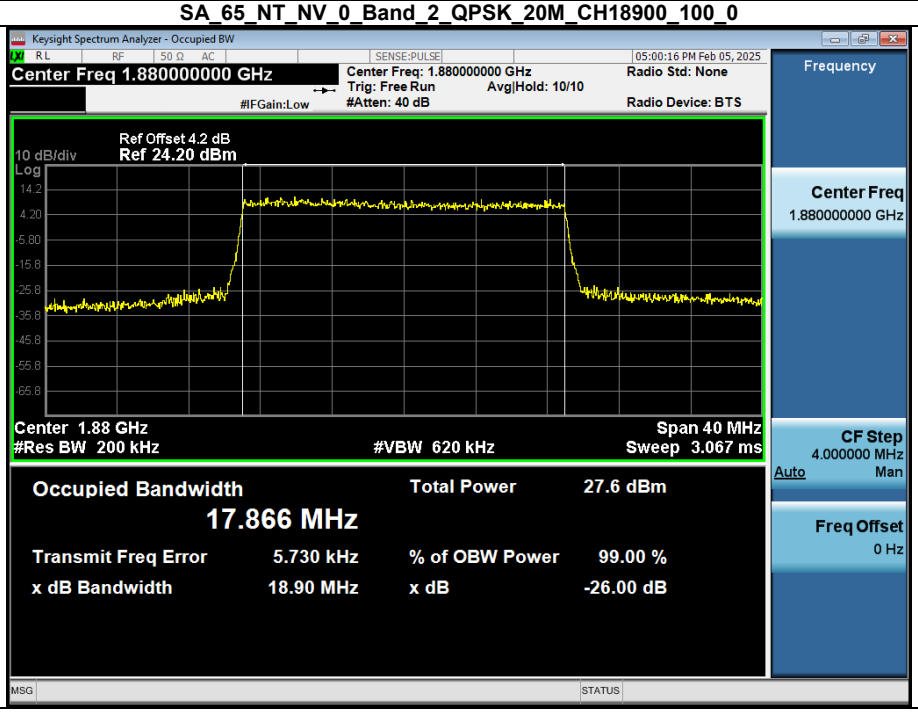


SA_65_NT_NV_0_Band_2_QPSK_20M_CH18900_100_0



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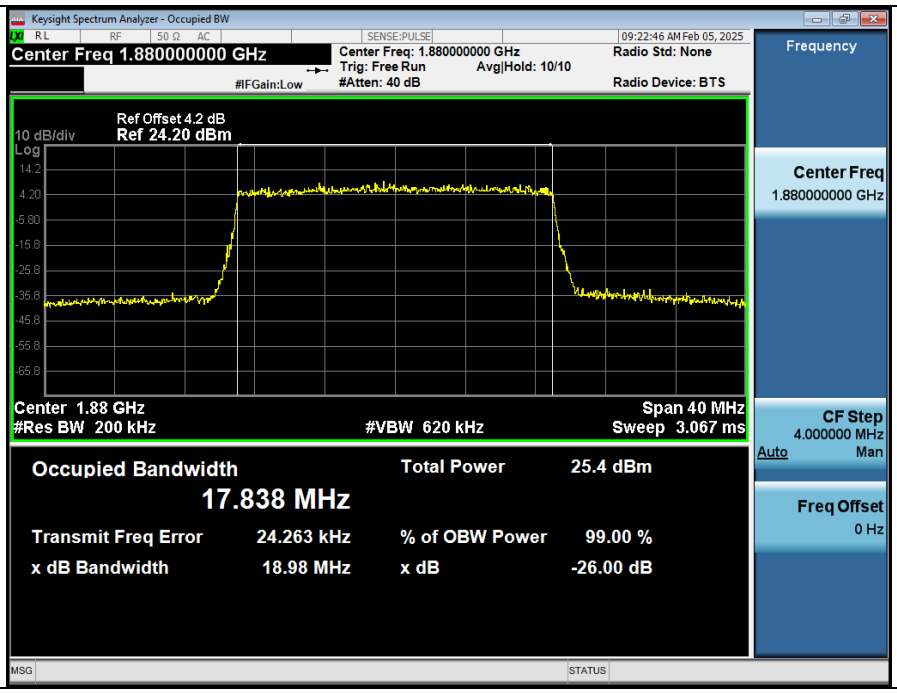

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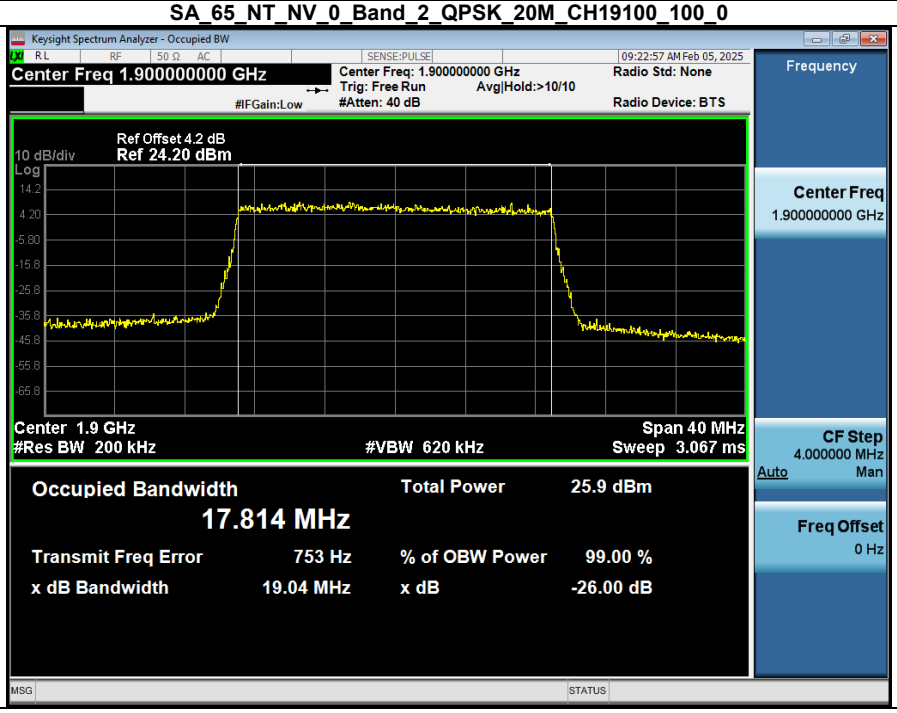
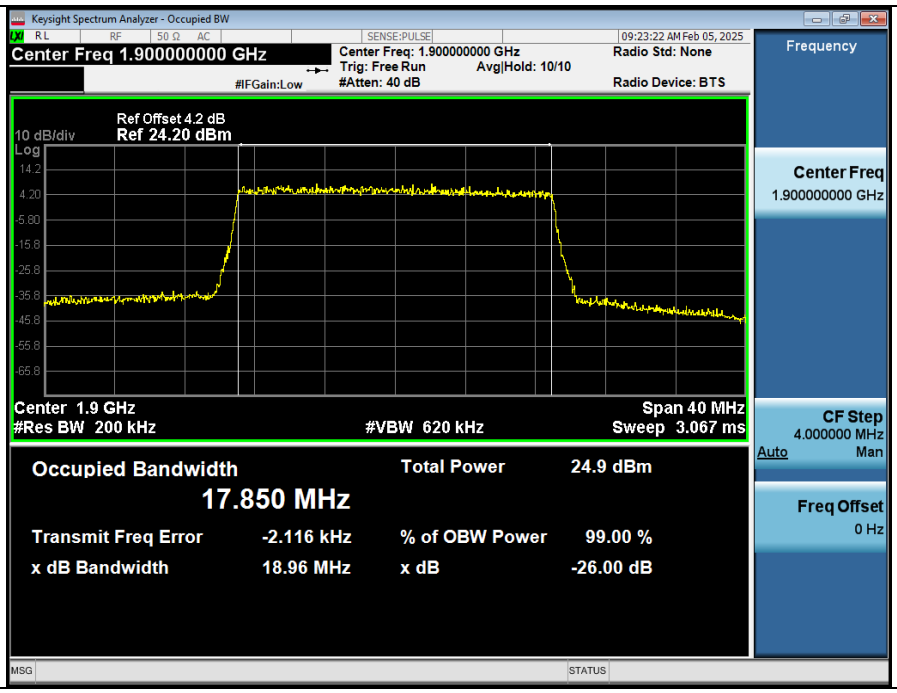


SA_65_NT_NV_0_Band_2_16QAM_20M_CH19100_100_0


Keysight Spectrum Analyzer - Occupied BW
Center Freq 1.900000000 GHz
Center Freq: 1.900000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
09:23:22 AM Feb 05, 2025
Frequency
Ref Offset 4.2 dB
10 dB/div
Ref 24.20 dBm
Center 1.9 GHz
#Res BW 200 kHz
#VBW 620 kHz
Span 40 MHz
Sweep 3.067 ms
Occupied Bandwidth
17.850 MHz
Total Power 24.9 dBm
Transmit Freq Error -2.116 kHz
% of OBW Power 99.00 %
x dB Bandwidth 18.96 MHz
x dB -26.00 dB
Center Freq
1.900000000 GHz
CF Step
4.000000 MHz
Auto Man
Freq Offset
0 Hz