LTE Band 4 Test Data

FCC ID: 2BOAQ-KXZ-006

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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
Band4	1.4MHz	QPSK	19957	1RB#0	22.60	-0.31	22.29	30.0	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.60	-0.31	22.29	30.0	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.29	-0.31	22.98	30.0	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.15	-0.31	21.84	30.0	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.23	-0.31	22.92	30.0	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.13	-0.31	21.82	30.0	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.16	-0.31	21.85	30.0	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.17	-0.31	22.86	30.0	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.92	-0.31	22.61	30.0	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.23	-0.31	22.92	30.0	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.98	-0.31	22.67	30.0	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.06	-0.31	22.75	30.0	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.91	-0.31	22.60	30.0	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.86	-0.31	22.55	30.0	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.15	-0.31	21.84	30.0	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.47	-0.31	22.16	30.0	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.22	-0.31	22.91	30.0	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.06	-0.31	22.75	30.0	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.41	-0.31	22.10	30.0	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.26	-0.31	21.95	30.0	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.10	-0.31	22.79	30.0	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.15	-0.31	22.84	30.0	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.23	-0.31	22.92	30.0	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.23	-0.31	21.92	30.0	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.16	-0.31	21.85	30.0	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.61	-0.31	22.30	30.0	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.32	-0.31	22.01	30.0	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.48	-0.31	22.17	30.0	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.56	-0.31	22.25	30.0	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.32	-0.31	22.01	30.0	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.60	-0.31	22.29	30.0	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	23.21	-0.31	22.90	30.0	PASS

Band4	1.4MHz	16QAM	20175	3RB#1	22.27	-0.31	21.96	30.0	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.45	-0.31	22.14	30.0	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	22.54	-0.31	22.23	30.0	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.46	-0.31	22.15	30.0	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.13	-0.31	21.82	30.0	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.95	-0.31	22.64	30.0	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.01	-0.31	21.70	30.0	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.32	-0.31	22.01	30.0	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	23.01	-0.31	22.70	30.0	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.51	-0.31	22.20	30.0	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.28	-0.31	22.97	30.0	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.29	-0.31	21.98	30.0	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.44	-0.31	22.13	30.0	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.36	-0.31	22.05	30.0	PASS
Band4	3MHz	QPSK	19965	8RB#4	23.18	-0.31	22.87	30.0	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.78	-0.31	22.47	30.0	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.65	-0.31	22.34	30.0	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.23	-0.31	21.92	30.0	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.74	-0.31	22.43	30.0	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.07	-0.31	21.76	30.0	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.35	-0.31	22.04	30.0	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.76	-0.31	22.45	30.0	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.65	-0.31	22.34	30.0	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.44	-0.31	22.13	30.0	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.14	-0.31	22.83	30.0	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.81	-0.31	22.50	30.0	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.02	-0.31	21.71	30.0	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.43	-0.31	22.12	30.0	PASS
Band4	3MHz	QPSK	20385	8RB#4	23.04	-0.31	22.73	30.0	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.49	-0.31	22.18	30.0	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.96	-0.31	22.65	30.0	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.04	-0.31	22.73	30.0	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.90	-0.31	22.59	30.0	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.80	-0.31	22.49	30.0	PASS
Band4	3MHz	16QAM	19965	8RB#0	22.02	-0.31	21.71	30.0	PASS
Band4	3MHz	16QAM	19965	8RB#4	22.67	-0.31	22.36	30.0	PASS
Band4	3MHz	16QAM	19965	8RB#7	22.16	-0.31	21.85	30.0	PASS
Band4	3MHz	16QAM	19965	15RB#0	22.80	-0.31	22.49	30.0	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.04	-0.31	21.73	30.0	PASS

Band4	3MHz	16QAM	20175	1RB#8	23.23	-0.31	22.92	30.0	PASS
Band4	3MHz	16QAM	20175	1RB#14	23.17	-0.31	22.86	30.0	PASS
Band4	3MHz	16QAM	20175	8RB#0	22.47	-0.31	22.16	30.0	PASS
Band4	3MHz	16QAM	20175	8RB#4	22.40	-0.31	22.09	30.0	PASS
Band4	3MHz	16QAM	20175	8RB#7	23.08	-0.31	22.77	30.0	PASS
Band4	3MHz	16QAM	20175	15RB#0	22.80	-0.31	22.49	30.0	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.03	-0.31	22.72	30.0	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.88	-0.31	22.57	30.0	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.77	-0.31	22.46	30.0	PASS
Band4	3MHz	16QAM	20385	8RB#0	22.24	-0.31	21.93	30.0	PASS
Band4	3MHz	16QAM	20385	8RB#4	23.18	-0.31	22.87	30.0	PASS
Band4	3MHz	16QAM	20385	8RB#7	22.27	-0.31	21.96	30.0	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.67	-0.31	22.36	30.0	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.96	-0.31	22.65	30.0	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.06	-0.31	21.75	30.0	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.99	-0.31	22.68	30.0	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.25	-0.31	21.94	30.0	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.39	-0.31	22.08	30.0	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.54	-0.31	22.23	30.0	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.21	-0.31	21.90	30.0	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.06	-0.31	22.75	30.0	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.20	-0.31	22.89	30.0	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.35	-0.31	22.04	30.0	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.97	-0.31	22.66	30.0	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.45	-0.31	22.14	30.0	PASS
Band4	5MHz	QPSK	20175	12RB#13	23.21	-0.31	22.90	30.0	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.52	-0.31	22.21	30.0	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.31	-0.31	22.00	30.0	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.46	-0.31	22.15	30.0	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.16	-0.31	22.85	30.0	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.72	-0.31	22.41	30.0	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.54	-0.31	22.23	30.0	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.80	-0.31	22.49	30.0	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.56	-0.31	22.25	30.0	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.54	-0.31	22.23	30.0	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.91	-0.31	22.60	30.0	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.52	-0.31	22.21	30.0	PASS
Band4	5MHz	16QAM	19975	12RB#0	22.29	-0.31	21.98	30.0	PASS
Band4	5MHz	16QAM	19975	12RB#6	22.43	-0.31	22.12	30.0	PASS

Band4	5MHz	16QAM	19975	12RB#13	22.81	-0.31	22.50	30.0	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.79	-0.31	22.48	30.0	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.07	-0.31	21.76	30.0	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.28	-0.31	21.97	30.0	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.80	-0.31	22.49	30.0	PASS
Band4	5MHz	16QAM	20175	12RB#0	22.69	-0.31	22.38	30.0	PASS
Band4	5MHz	16QAM	20175	12RB#6	22.93	-0.31	22.62	30.0	PASS
Band4	5MHz	16QAM	20175	12RB#13	22.10	-0.31	21.79	30.0	PASS
Band4	5MHz	16QAM	20175	25RB#0	22.42	-0.31	22.11	30.0	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.75	-0.31	22.44	30.0	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.25	-0.31	21.94	30.0	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.27	-0.31	22.96	30.0	PASS
Band4	5MHz	16QAM	20375	12RB#0	22.08	-0.31	21.77	30.0	PASS
Band4	5MHz	16QAM	20375	12RB#6	23.23	-0.31	22.92	30.0	PASS
Band4	5MHz	16QAM	20375	12RB#13	22.95	-0.31	22.64	30.0	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.44	-0.31	22.13	30.0	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.12	-0.31	21.81	30.0	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.59	-0.31	22.28	30.0	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.79	-0.31	22.48	30.0	PASS
Band4	10MHz	QPSK	20000	25RB#0	23.05	-0.31	22.74	30.0	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.51	-0.31	22.20	30.0	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.57	-0.31	22.26	30.0	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.80	-0.31	22.49	30.0	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.03	-0.31	21.72	30.0	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.78	-0.31	22.47	30.0	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.06	-0.31	22.75	30.0	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.46	-0.31	22.15	30.0	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.36	-0.31	22.05	30.0	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.83	-0.31	22.52	30.0	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.55	-0.31	22.24	30.0	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.04	-0.31	21.73	30.0	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.07	-0.31	21.76	30.0	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.72	-0.31	22.41	30.0	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.46	-0.31	22.15	30.0	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.87	-0.31	22.56	30.0	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.76	-0.31	22.45	30.0	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.01	-0.31	21.70	30.0	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.13	-0.31	22.82	30.0	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.49	-0.31	22.18	30.0	PASS

Band4	10MHz	16QAM	20000	1RB#49	23.27	-0.31	22.96	30.0	PASS
Band4	10MHz	16QAM	20000	25RB#0	22.44	-0.31	22.13	30.0	PASS
Band4	10MHz	16QAM	20000	25RB#12	22.52	-0.31	22.21	30.0	PASS
Band4	10MHz	16QAM	20000	25RB#25	22.70	-0.31	22.39	30.0	PASS
Band4	10MHz	16QAM	20000	50RB#0	23.04	-0.31	22.73	30.0	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.07	-0.31	21.76	30.0	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.01	-0.31	22.70	30.0	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.78	-0.31	22.47	30.0	PASS
Band4	10MHz	16QAM	20175	25RB#0	22.17	-0.31	21.86	30.0	PASS
Band4	10MHz	16QAM	20175	25RB#12	22.29	-0.31	21.98	30.0	PASS
Band4	10MHz	16QAM	20175	25RB#25	22.89	-0.31	22.58	30.0	PASS
Band4	10MHz	16QAM	20175	50RB#0	23.14	-0.31	22.83	30.0	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.88	-0.31	22.57	30.0	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.15	-0.31	22.84	30.0	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.67	-0.31	22.36	30.0	PASS
Band4	10MHz	16QAM	20350	25RB#0	23.06	-0.31	22.75	30.0	PASS
Band4	10MHz	16QAM	20350	25RB#12	22.82	-0.31	22.51	30.0	PASS
Band4	10MHz	16QAM	20350	25RB#25	23.06	-0.31	22.75	30.0	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.24	-0.31	21.93	30.0	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.04	-0.31	22.73	30.0	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.70	-0.31	22.39	30.0	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.12	-0.31	21.81	30.0	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.80	-0.31	22.49	30.0	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.52	-0.31	22.21	30.0	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.85	-0.31	22.54	30.0	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.64	-0.31	22.33	30.0	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.26	-0.31	22.95	30.0	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.29	-0.31	22.98	30.0	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.42	-0.31	22.11	30.0	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.85	-0.31	22.54	30.0	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.11	-0.31	21.80	30.0	PASS
Band4	15MHz	QPSK	20175	38RB#37	23.04	-0.31	22.73	30.0	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.15	-0.31	21.84	30.0	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.02	-0.31	21.71	30.0	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.52	-0.31	22.21	30.0	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.91	-0.31	22.60	30.0	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.03	-0.31	21.72	30.0	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.15	-0.31	21.84	30.0	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.28	-0.31	21.97	30.0	PASS

Band4	15MHz	QPSK	20325	75RB#0	23.29	-0.31	22.98	30.0	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.39	-0.31	22.08	30.0	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.34	-0.31	22.03	30.0	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.40	-0.31	22.09	30.0	PASS
Band4	15MHz	16QAM	20025	38RB#0	23.02	-0.31	22.71	30.0	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.15	-0.31	21.84	30.0	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.87	-0.31	22.56	30.0	PASS
Band4	15MHz	16QAM	20025	75RB#0	22.17	-0.31	21.86	30.0	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.46	-0.31	22.15	30.0	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.98	-0.31	22.67	30.0	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.68	-0.31	22.37	30.0	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.77	-0.31	22.46	30.0	PASS
Band4	15MHz	16QAM	20175	38RB#18	23.12	-0.31	22.81	30.0	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.56	-0.31	22.25	30.0	PASS
Band4	15MHz	16QAM	20175	75RB#0	23.22	-0.31	22.91	30.0	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.12	-0.31	21.81	30.0	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.30	-0.31	21.99	30.0	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.06	-0.31	21.75	30.0	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.41	-0.31	22.10	30.0	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.15	-0.31	21.84	30.0	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.11	-0.31	21.80	30.0	PASS
Band4	15MHz	16QAM	20325	75RB#0	23.14	-0.31	22.83	30.0	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.35	-0.31	22.04	30.0	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.79	-0.31	22.48	30.0	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.52	-0.31	22.21	30.0	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.82	-0.31	22.51	30.0	PASS
Band4	20MHz	QPSK	20050	50RB#25	23.17	-0.31	22.86	30.0	PASS
Band4	20MHz	QPSK	20050	50RB#50	23.09	-0.31	22.78	30.0	PASS
Band4	20MHz	QPSK	20050	100RB#0	23.21	-0.31	22.90	30.0	PASS
Band4	20MHz	QPSK	20175	1RB#0	**23.69**	-0.31	23.38	30.0	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.97	-0.31	22.66	30.0	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.92	-0.31	22.61	30.0	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.90	-0.31	22.59	30.0	PASS
Band4	20MHz	QPSK	20175	50RB#25	23.28	-0.31	22.97	30.0	PASS
Band4	20MHz	QPSK	20175	50RB#50	23.02	-0.31	22.71	30.0	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.19	-0.31	21.88	30.0	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.01	-0.31	22.70	30.0	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.30	-0.31	21.99	30.0	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.69	-0.31	22.38	30.0	PASS

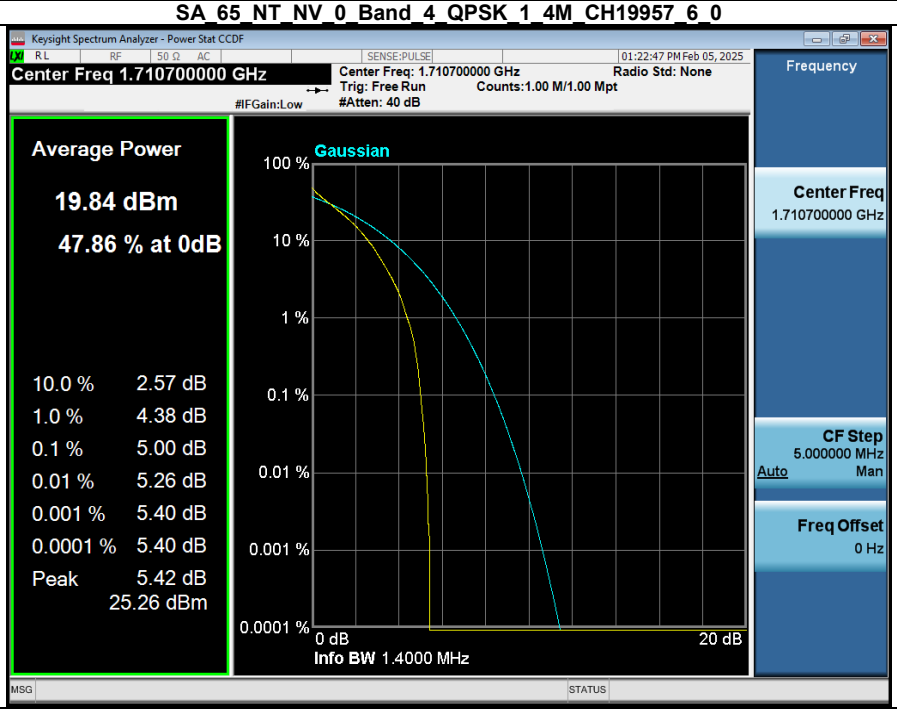
Band4	20MHz	QPSK	20300	50RB#0	22.96	-0.31	22.65	30.0	PASS
Band4	20MHz	QPSK	20300	50RB#25	23.09	-0.31	22.78	30.0	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.03	-0.31	21.72	30.0	PASS
Band4	20MHz	QPSK	20300	100RB#0	23.12	-0.31	22.81	30.0	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.07	-0.31	21.76	30.0	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.54	-0.31	22.23	30.0	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.88	-0.31	22.57	30.0	PASS
Band4	20MHz	16QAM	20050	50RB#0	23.25	-0.31	22.94	30.0	PASS
Band4	20MHz	16QAM	20050	50RB#25	22.83	-0.31	22.52	30.0	PASS
Band4	20MHz	16QAM	20050	50RB#50	23.08	-0.31	22.77	30.0	PASS
Band4	20MHz	16QAM	20050	100RB#0	22.58	-0.31	22.27	30.0	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.46	-0.31	22.15	30.0	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.98	-0.31	22.67	30.0	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.25	-0.31	21.94	30.0	PASS
Band4	20MHz	16QAM	20175	50RB#0	23.09	-0.31	22.78	30.0	PASS
Band4	20MHz	16QAM	20175	50RB#25	22.79	-0.31	22.48	30.0	PASS
Band4	20MHz	16QAM	20175	50RB#50	22.86	-0.31	22.55	30.0	PASS
Band4	20MHz	16QAM	20175	100RB#0	22.46	-0.31	22.15	30.0	PASS
Band4	20MHz	16QAM	20300	1RB#0	**23.50**	-0.31	23.19	30.0	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.89	-0.31	22.58	30.0	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.09	-0.31	21.78	30.0	PASS
Band4	20MHz	16QAM	20300	50RB#0	22.20	-0.31	21.89	30.0	PASS
Band4	20MHz	16QAM	20300	50RB#25	22.80	-0.31	22.49	30.0	PASS
Band4	20MHz	16QAM	20300	50RB#50	23.30	-0.31	22.99	30.0	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.02	-0.31	21.71	30.0	PASS

EIRP = Conducted Power + ANT Gain

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 4	QPSK	1.4M	1710.7	6	0	5.00	13.00	Pass
NV_NT	Band 4	16QAM	1.4M	1710.7	6	0	5.82	13.00	Pass
NV_NT	Band 4	QPSK	1.4M	1732.5	6	0	5.10	13.00	Pass
NV_NT	Band 4	16QAM	1.4M	1732.5	6	0	6.08	13.00	Pass
NV_NT	Band 4	QPSK	1.4M	1754.3	6	0	6.41	13.00	Pass
NV_NT	Band 4	16QAM	1.4M	1754.3	6	0	5.99	13.00	Pass
NV_NT	Band 4	QPSK	3M	1711.5	15	0	5.09	13.00	Pass
NV_NT	Band 4	16QAM	3M	1711.5	15	0	5.99	13.00	Pass
NV_NT	Band 4	QPSK	3M	1732.5	15	0	5.24	13.00	Pass
NV_NT	Band 4	16QAM	3M	1732.5	15	0	6.05	13.00	Pass
NV_NT	Band 4	QPSK	3M	1753.5	15	0	5.21	13.00	Pass
NV_NT	Band 4	16QAM	3M	1753.5	15	0	6.13	13.00	Pass
NV_NT	Band 4	QPSK	5M	1712.5	25	0	5.11	13.00	Pass
NV_NT	Band 4	16QAM	5M	1712.5	25	0	5.90	13.00	Pass
NV_NT	Band 4	QPSK	5M	1732.5	25	0	5.19	13.00	Pass
NV_NT	Band 4	16QAM	5M	1732.5	25	0	5.94	13.00	Pass
NV_NT	Band 4	QPSK	5M	1752.5	25	0	5.30	13.00	Pass
NV_NT	Band 4	16QAM	5M	1752.5	25	0	6.12	13.00	Pass
NV_NT	Band 4	QPSK	10M	1715.0	50	0	5.18	13.00	Pass
NV_NT	Band 4	16QAM	10M	1715.0	50	0	5.97	13.00	Pass
NV_NT	Band 4	QPSK	10M	1732.5	50	0	5.12	13.00	Pass
NV_NT	Band 4	16QAM	10M	1732.5	50	0	5.95	13.00	Pass
NV_NT	Band 4	QPSK	10M	1750.0	50	0	5.29	13.00	Pass
NV_NT	Band 4	16QAM	10M	1750.0	50	0	6.01	13.00	Pass
NV_NT	Band 4	QPSK	15M	1717.5	75	0	5.40	13.00	Pass
NV_NT	Band 4	16QAM	15M	1717.5	75	0	6.12	13.00	Pass
NV_NT	Band 4	QPSK	15M	1732.5	75	0	5.37	13.00	Pass
NV_NT	Band 4	16QAM	15M	1732.5	75	0	6.06	13.00	Pass
NV_NT	Band 4	QPSK	15M	1747.5	75	0	5.42	13.00	Pass
NV_NT	Band 4	16QAM	15M	1747.5	75	0	6.09	13.00	Pass
NV_NT	Band 4	QPSK	20M	1720.0	100	0	5.24	13.00	Pass
NV_NT	Band 4	16QAM	20M	1720.0	100	0	6.06	13.00	Pass
NV_NT	Band 4	QPSK	20M	1732.5	100	0	5.14	13.00	Pass
NV_NT	Band 4	16QAM	20M	1732.5	100	0	5.96	13.00	Pass
NV_NT	Band 4	QPSK	20M	1745.0	100	0	5.17	13.00	Pass
NV_NT	Band 4	16QAM	20M	1745.0	100	0	5.93	13.00	Pass

SA_65_NT_NV_0_Band_4_QPSK_1_4M_CH19957_6_0



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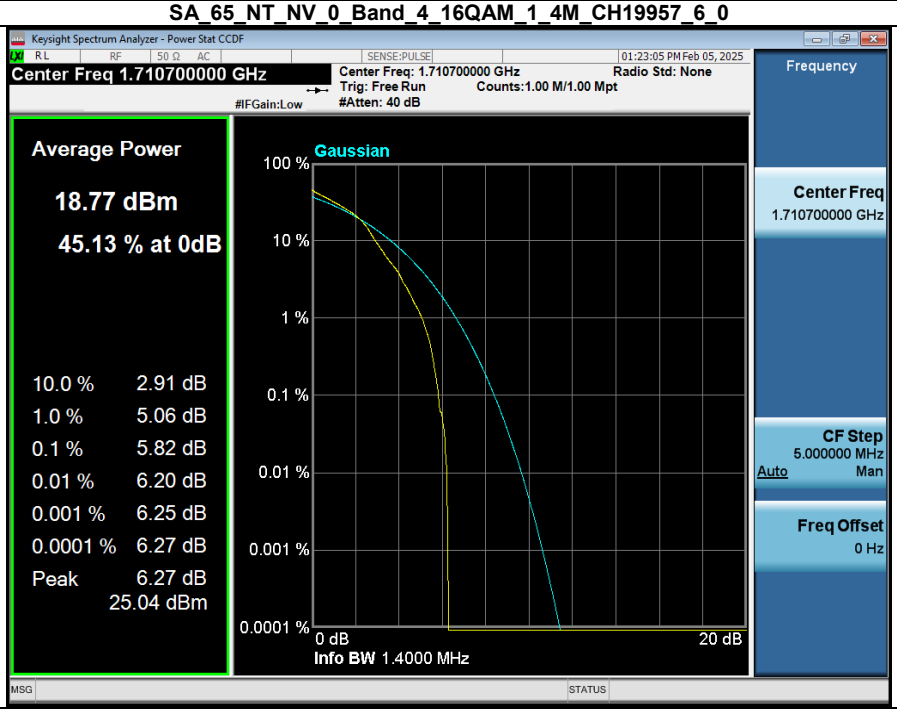

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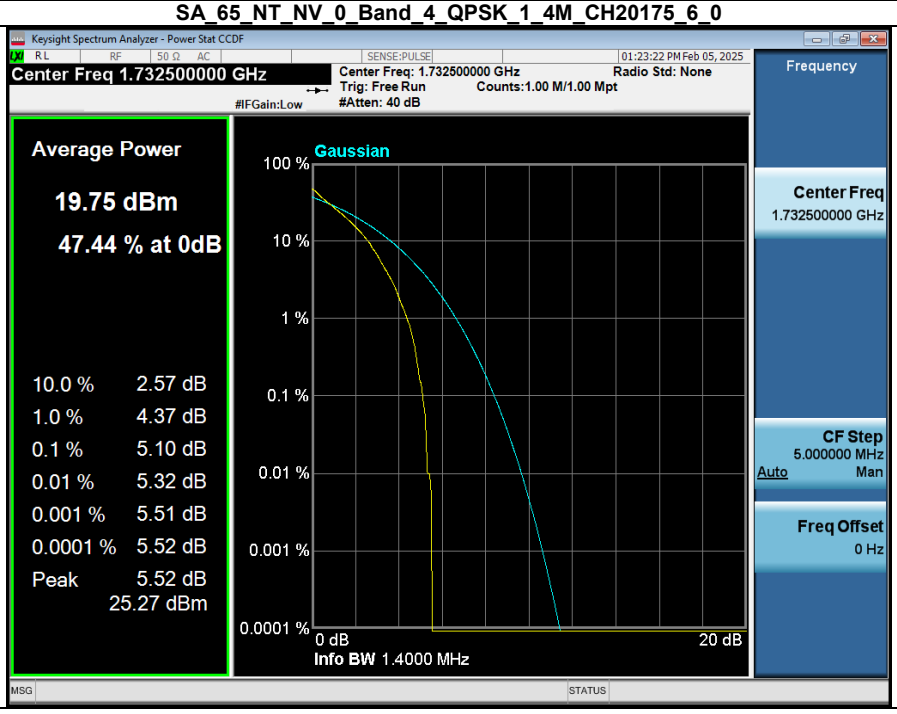

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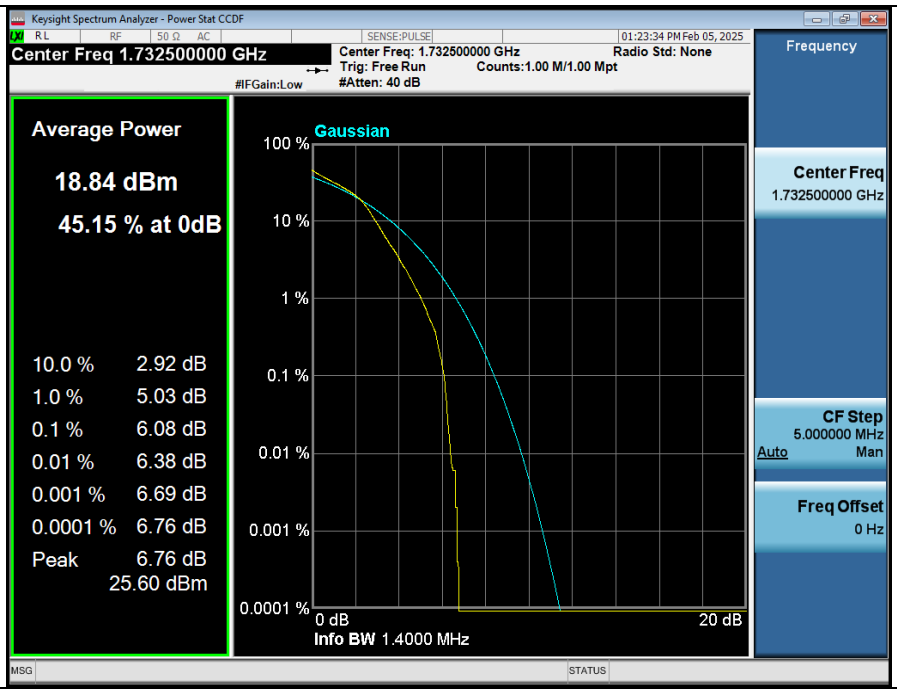

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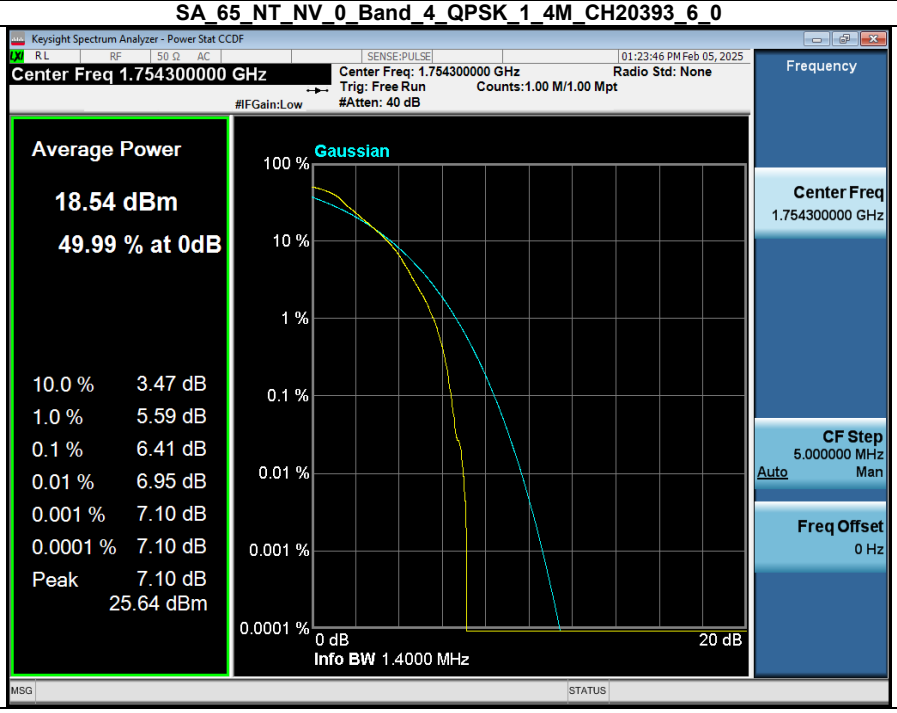

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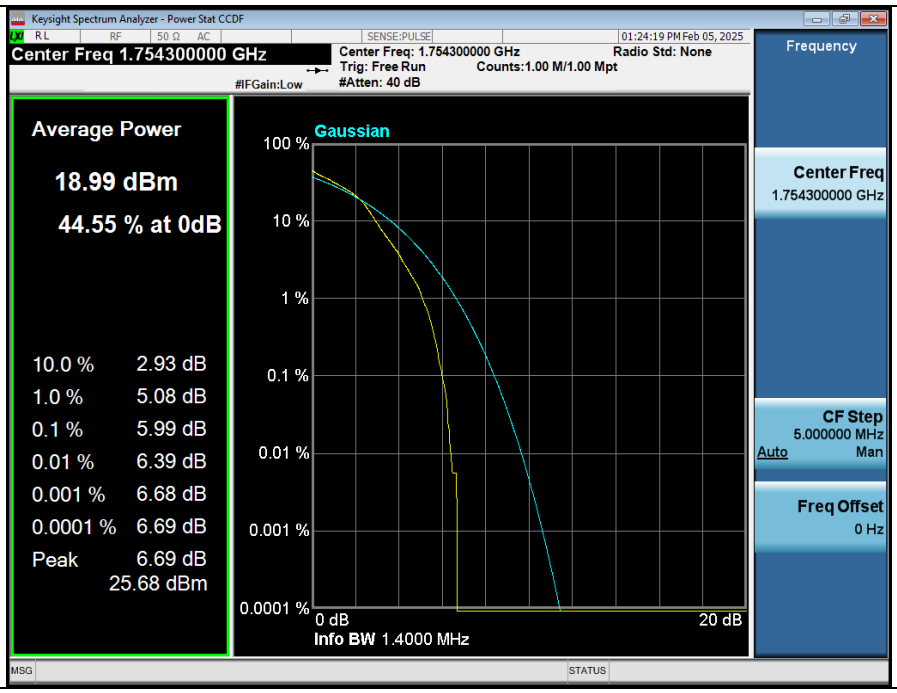

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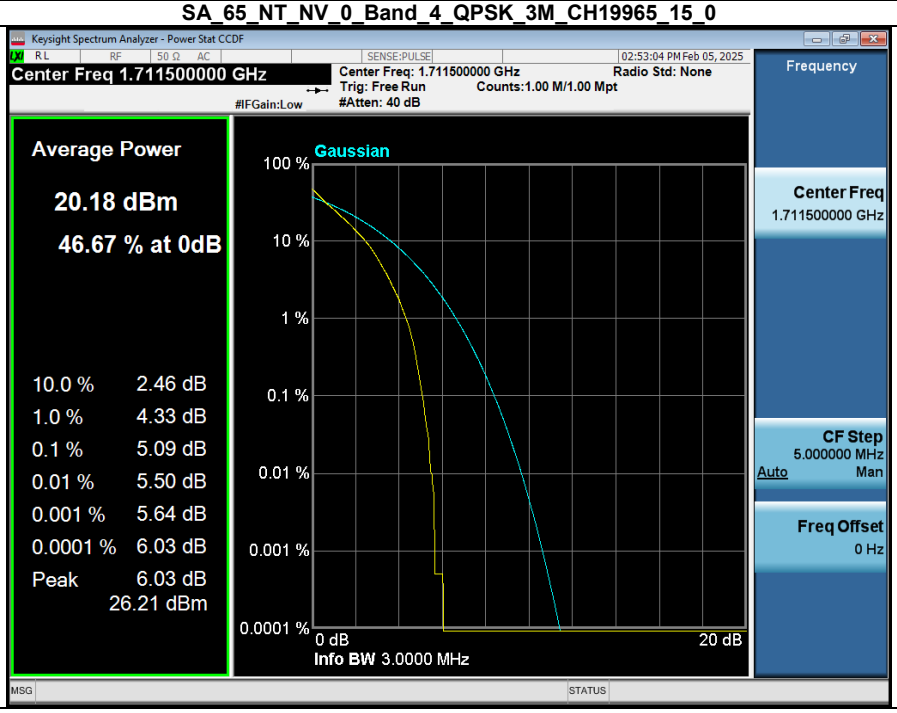

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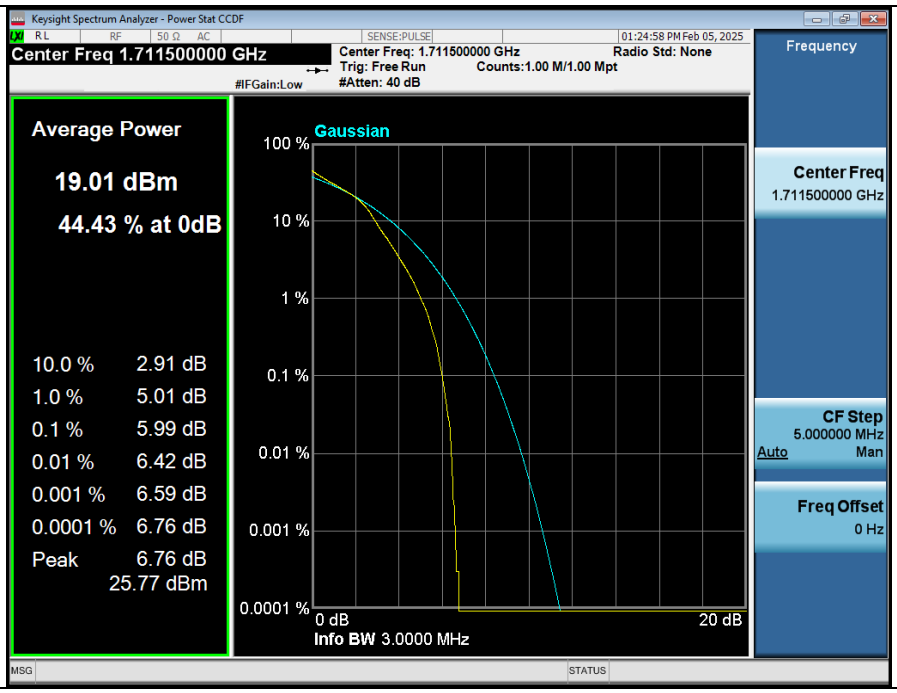

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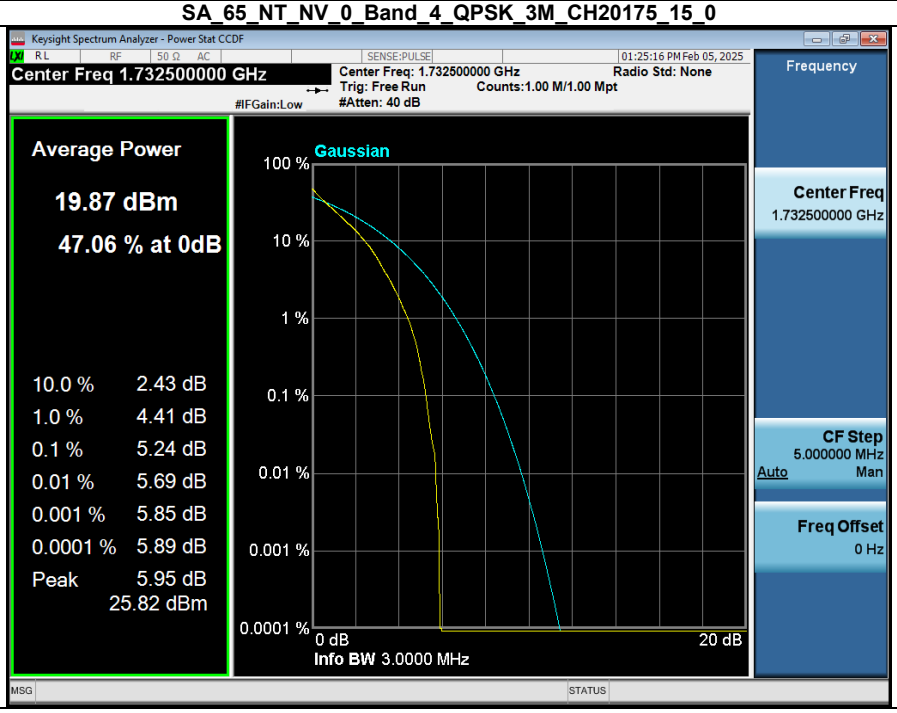

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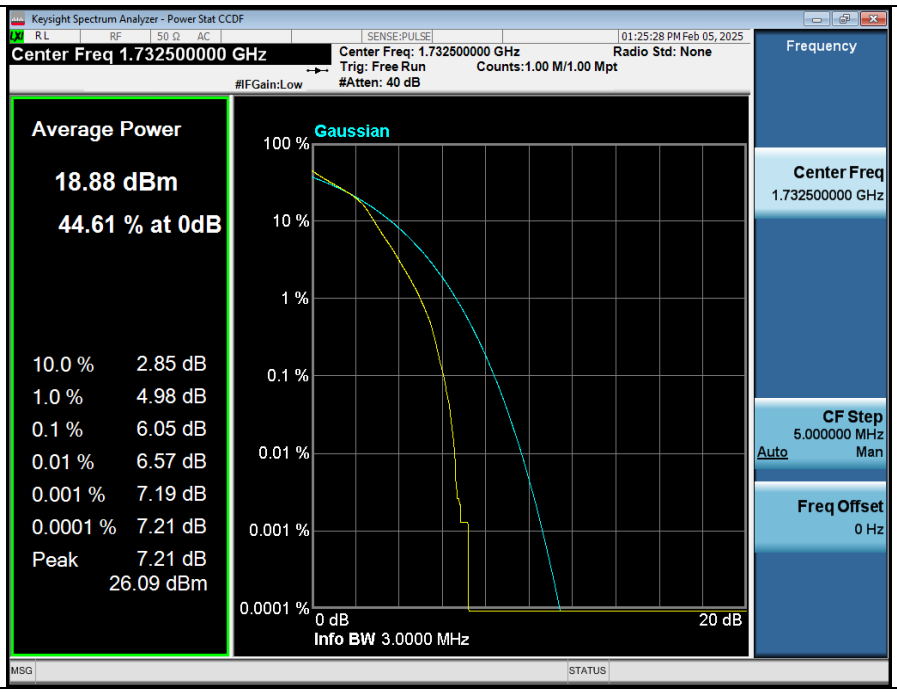

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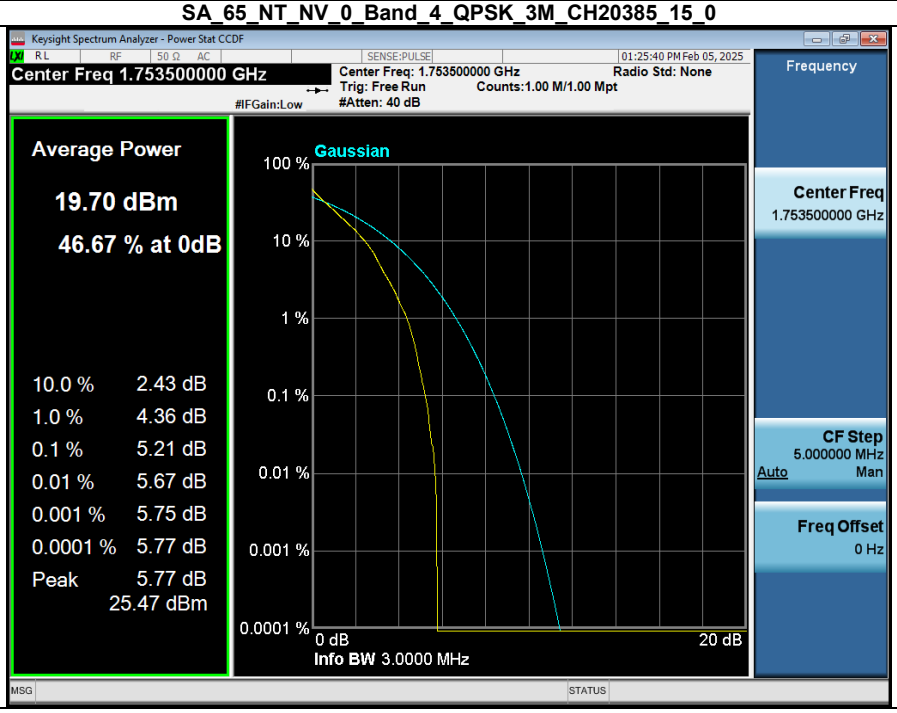

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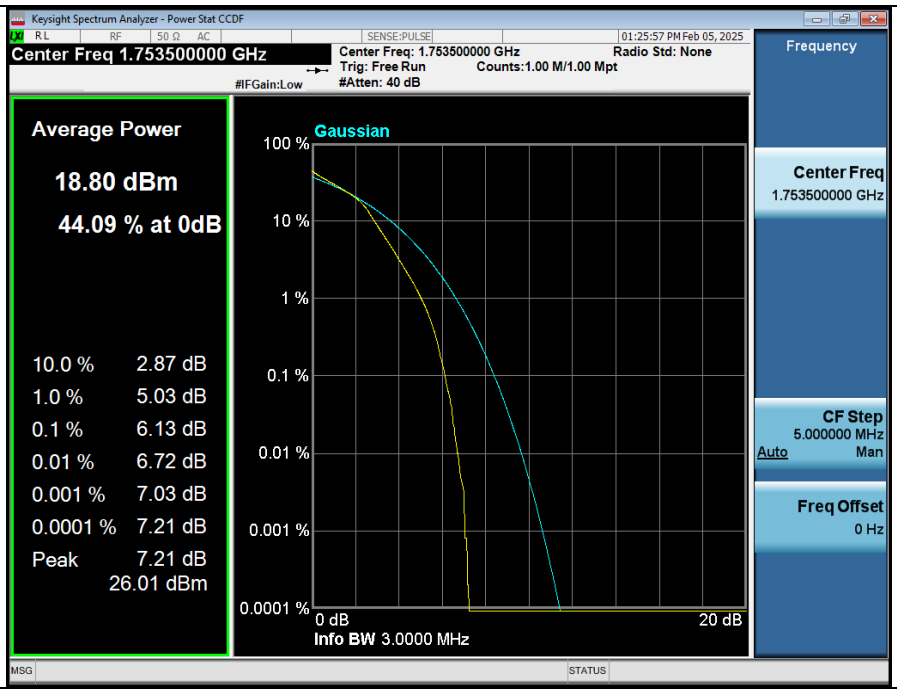

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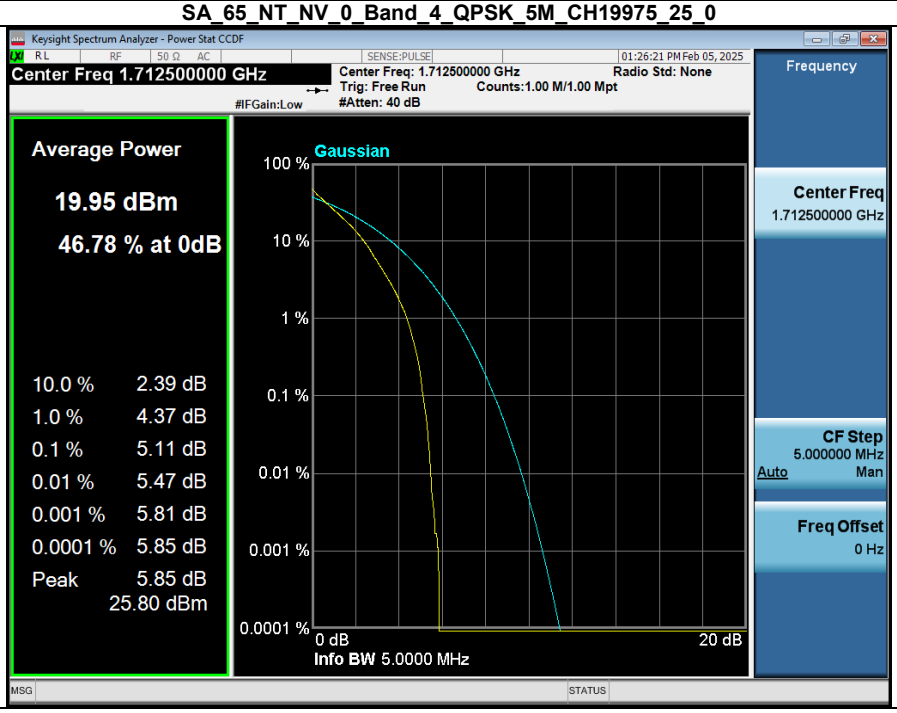

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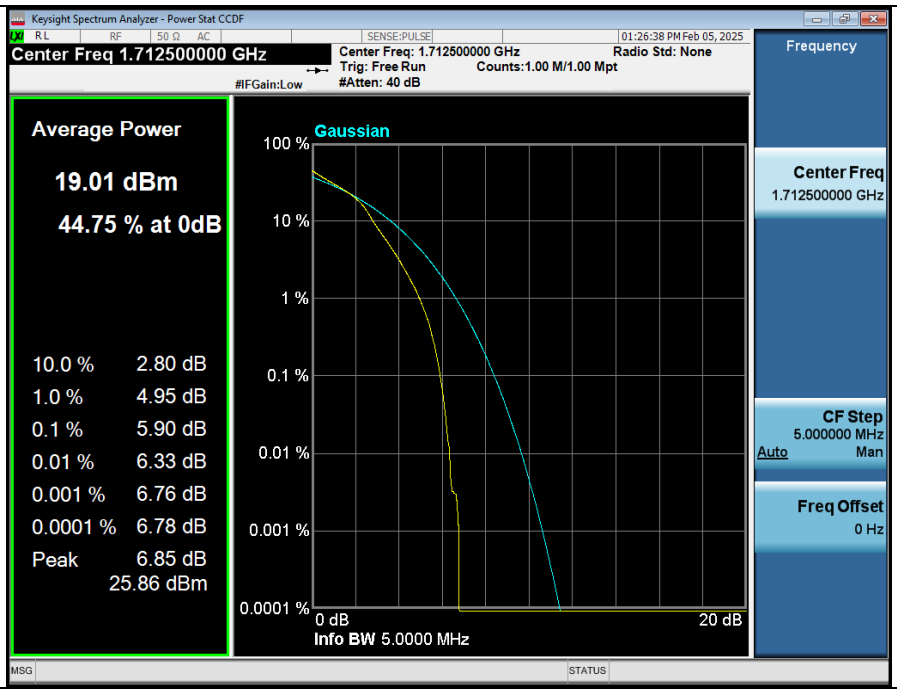

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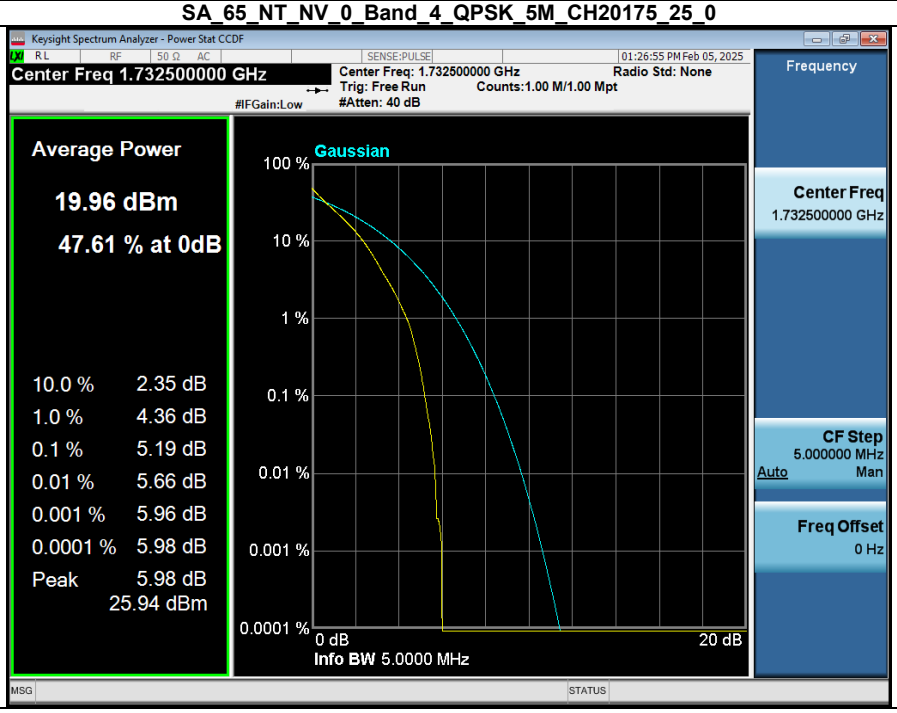

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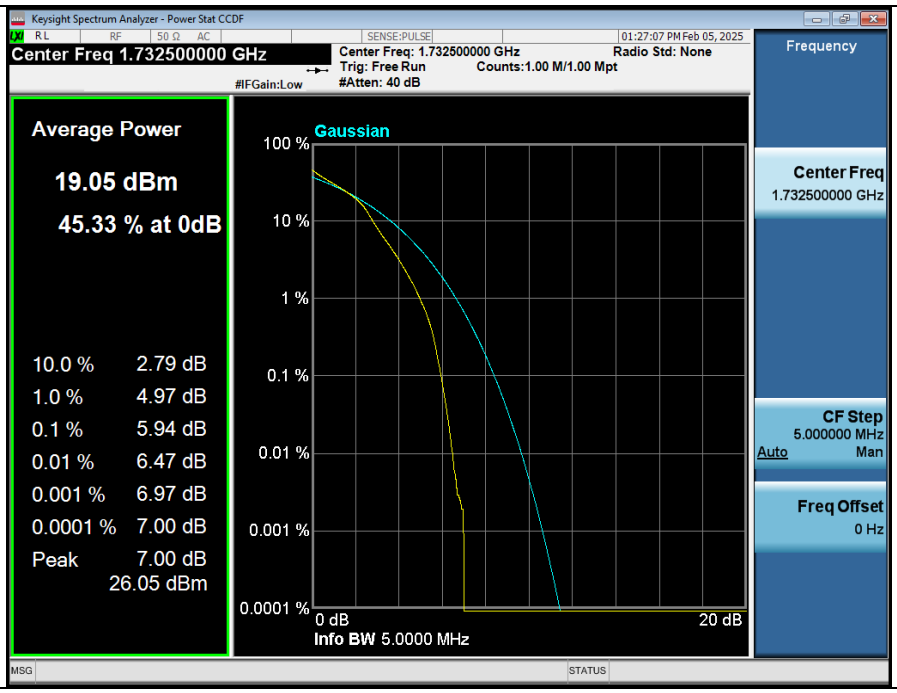

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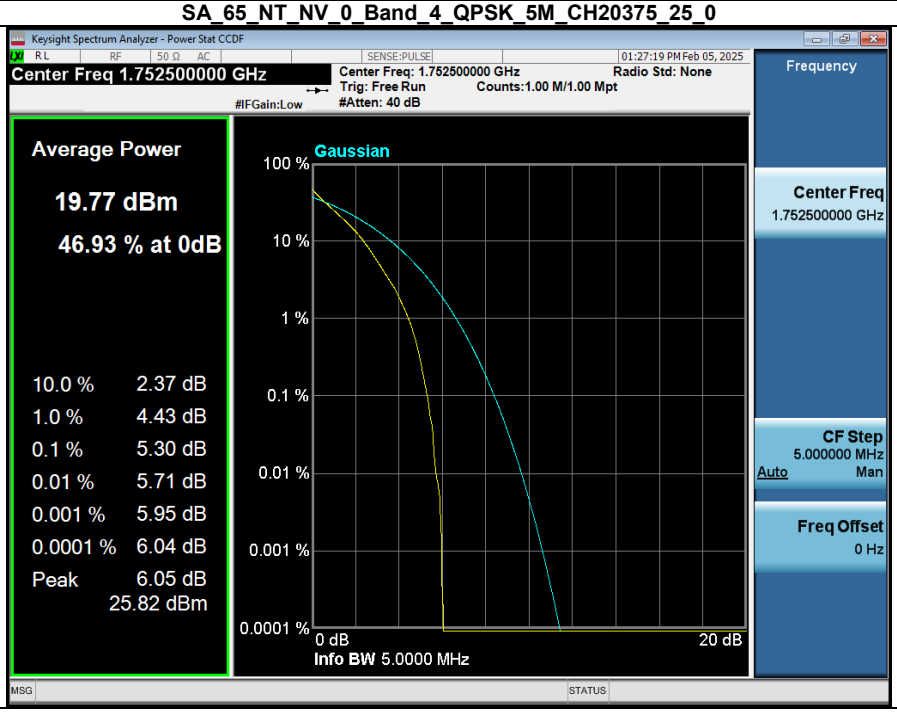

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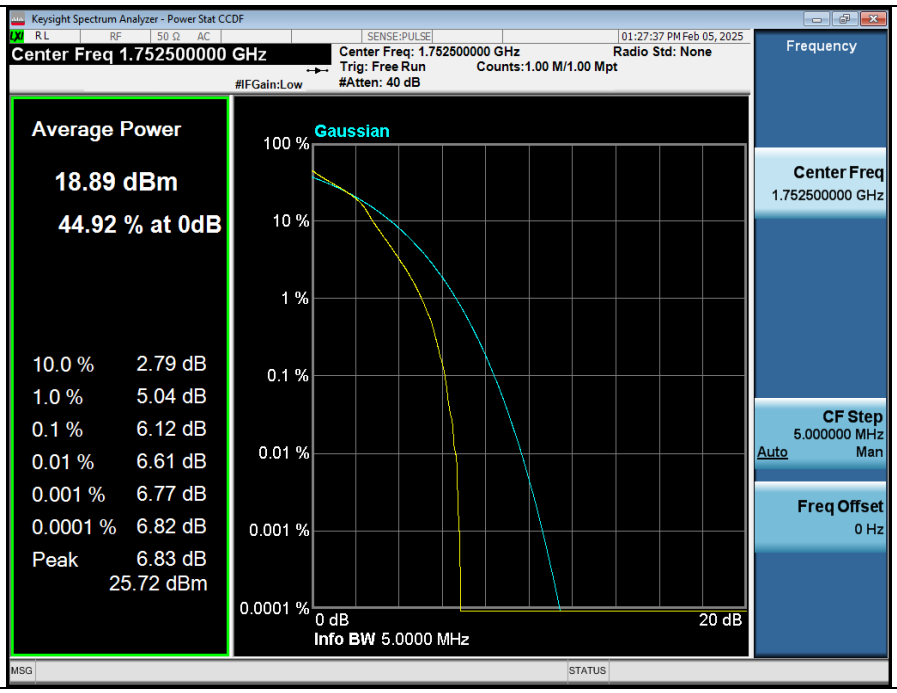
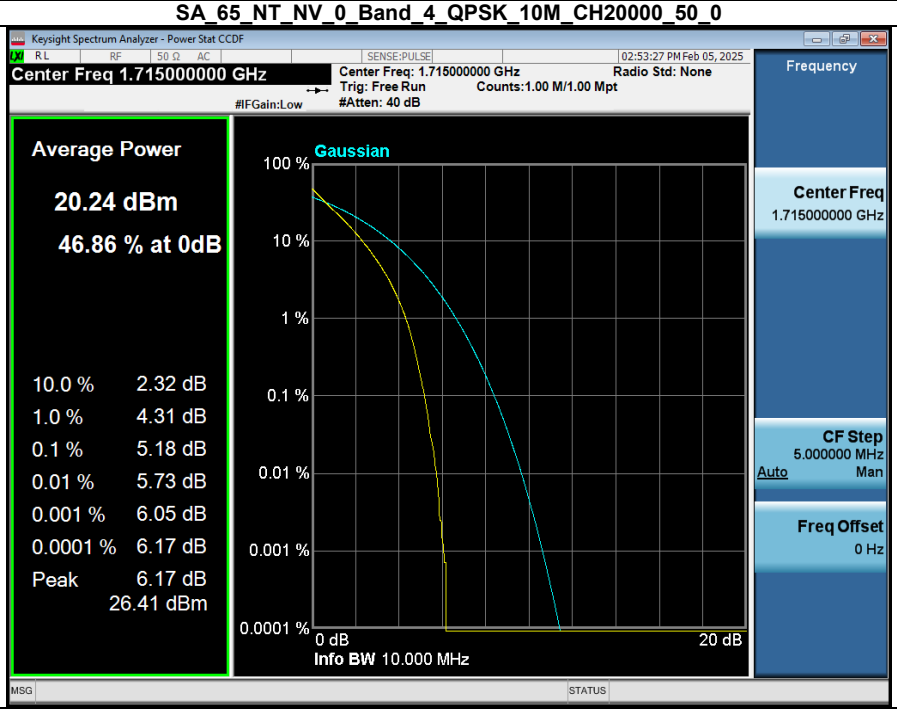


SA_65_NT_NV_0_Band_4_QPSK_10M_CH20000_50_0



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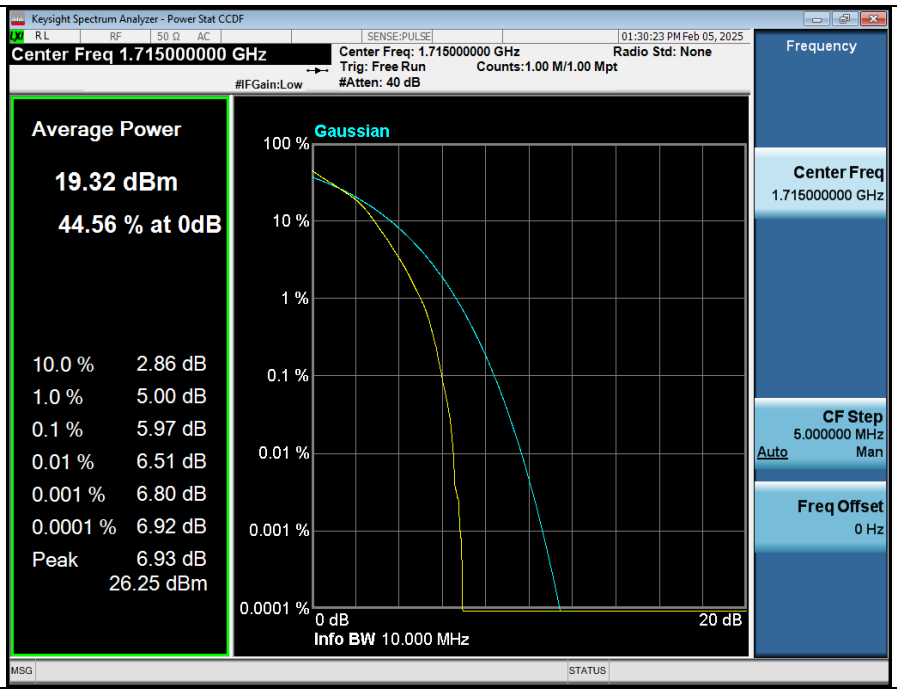

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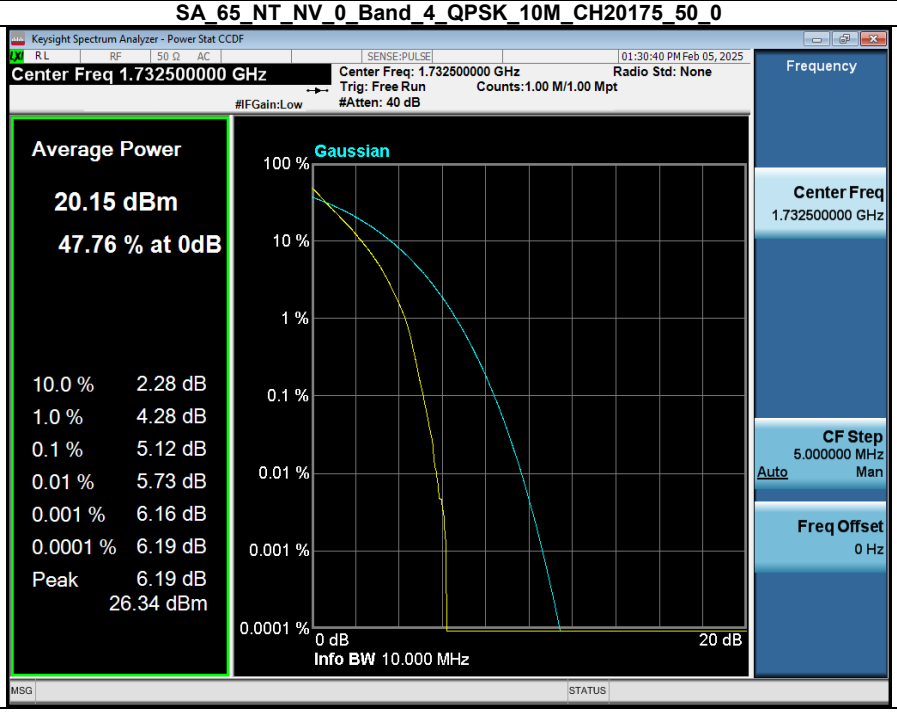

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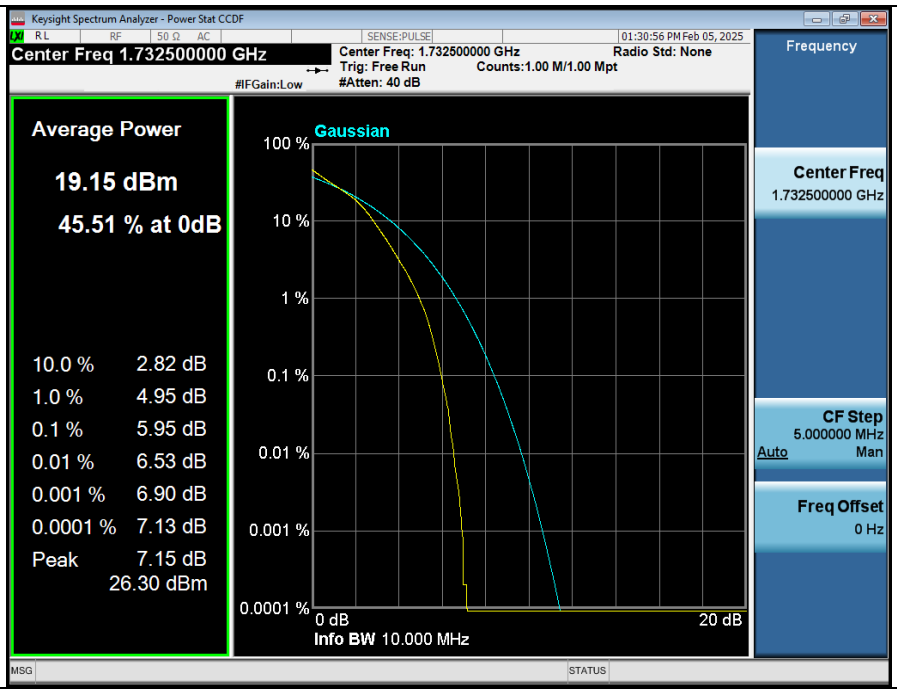

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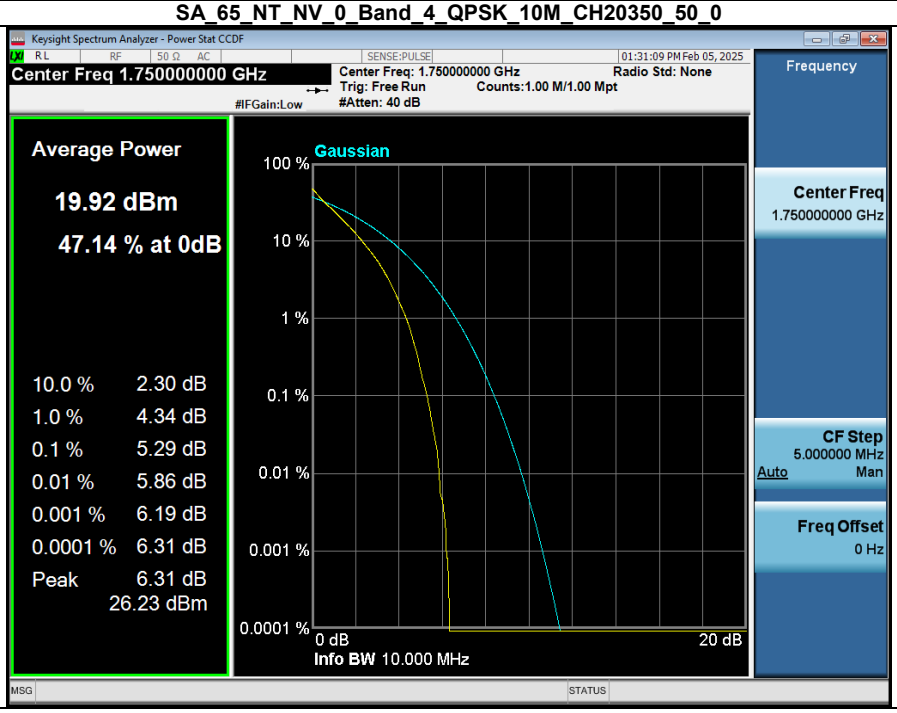

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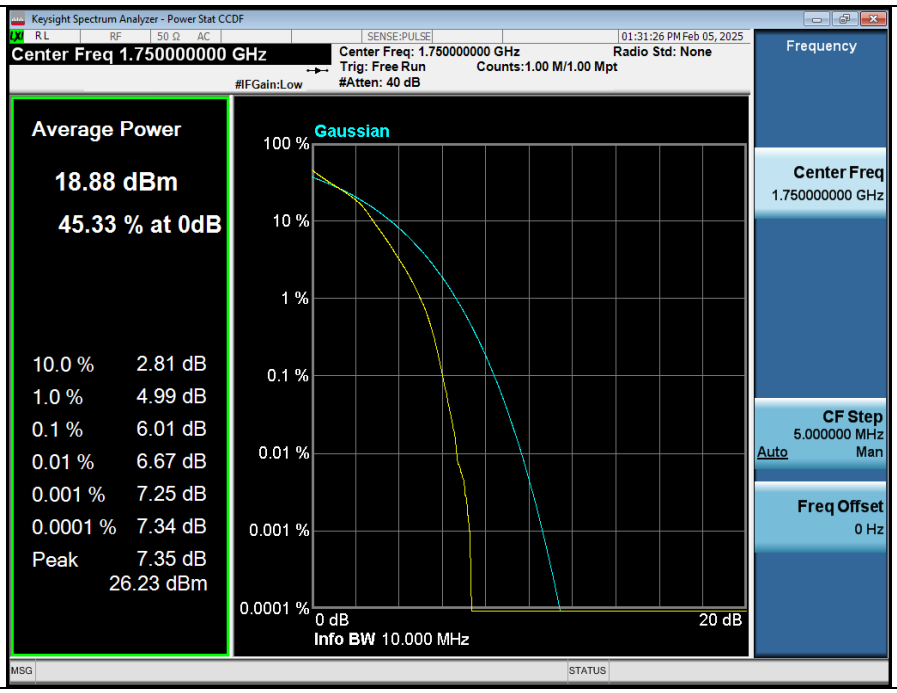

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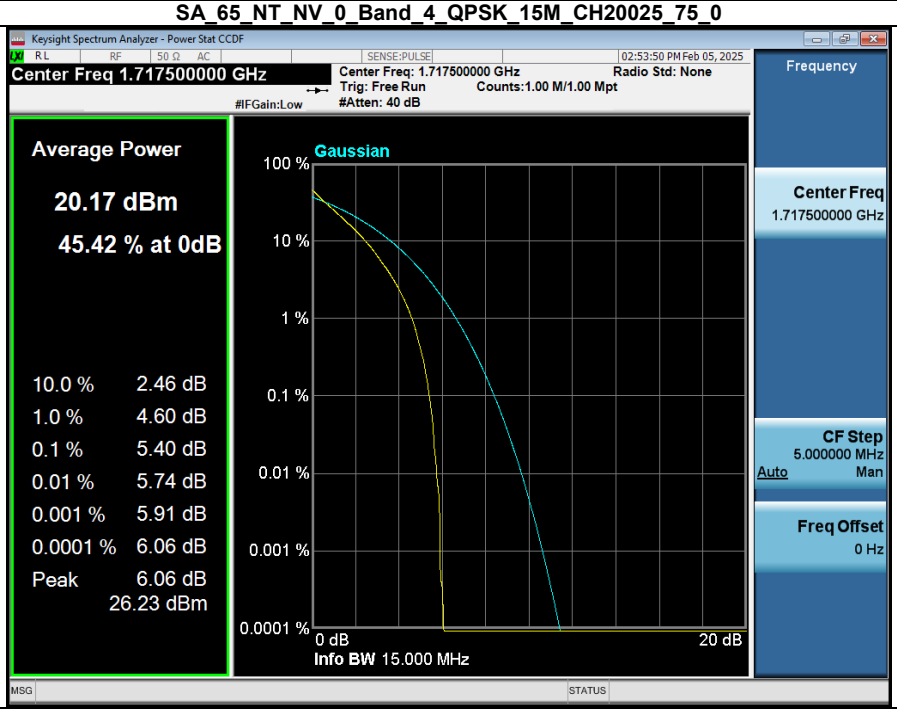

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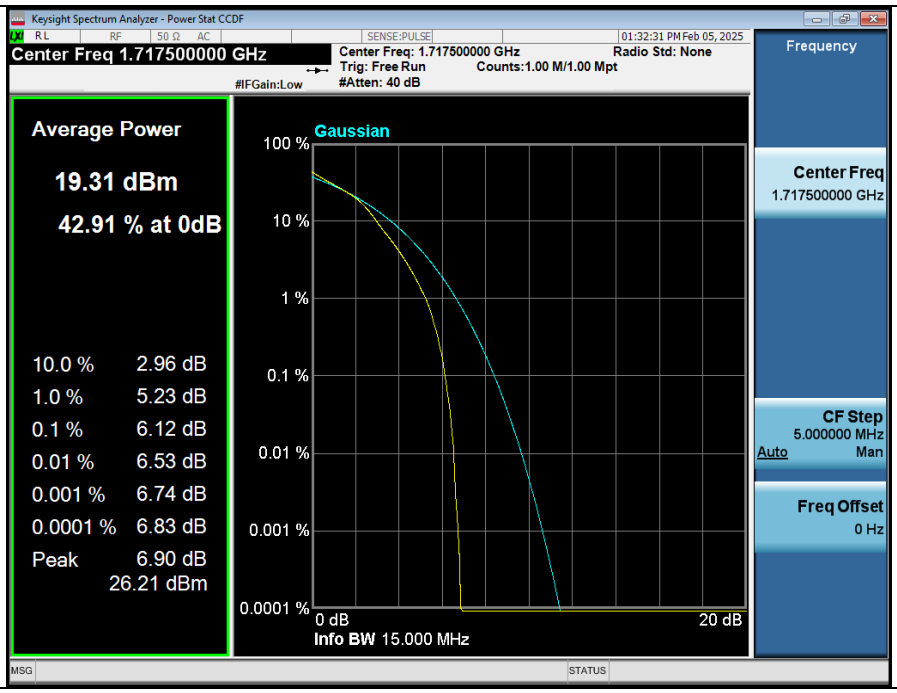

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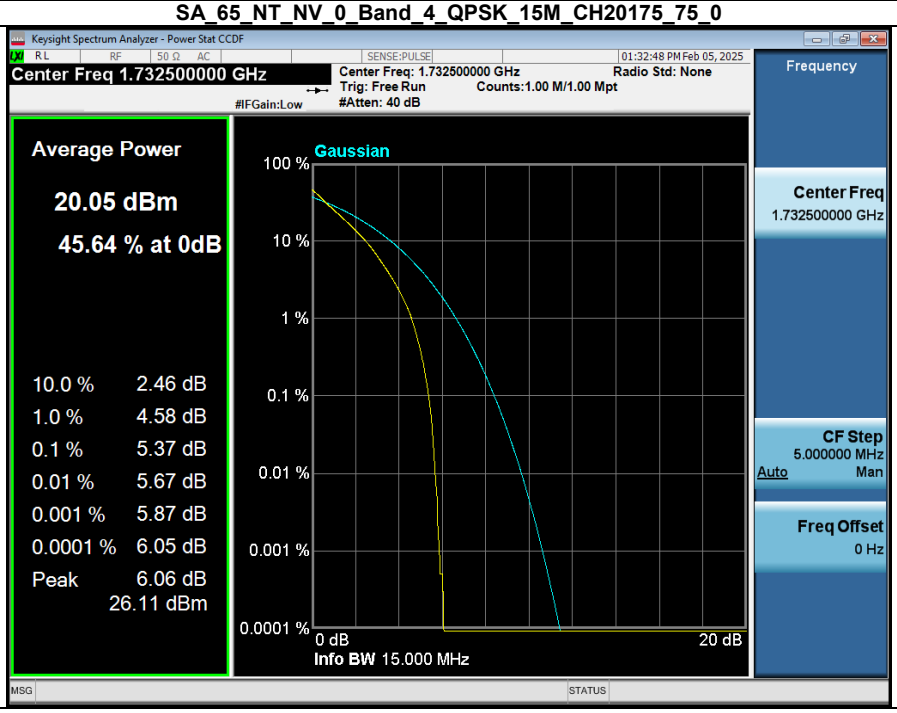

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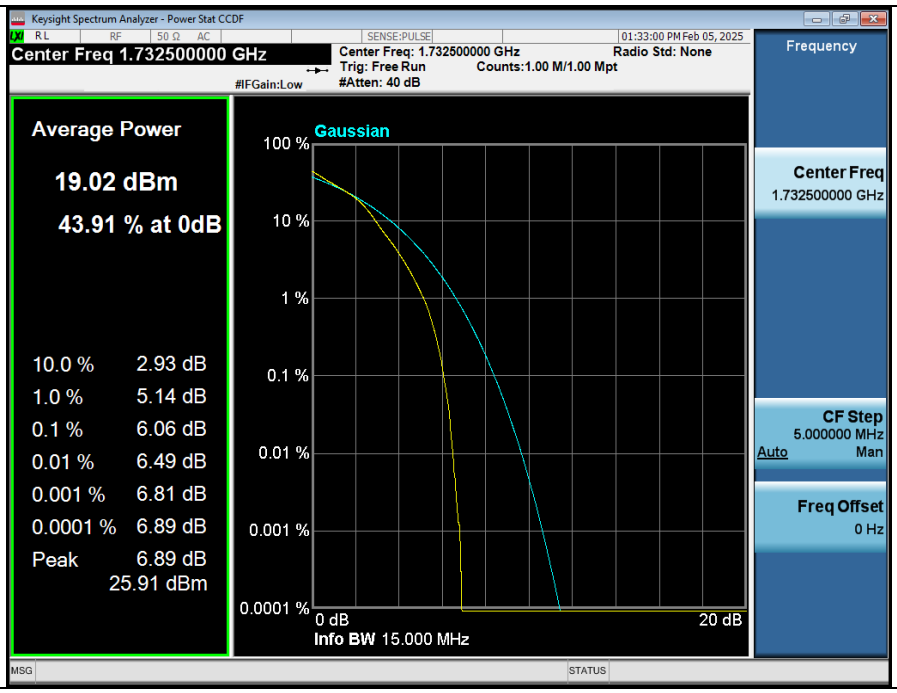

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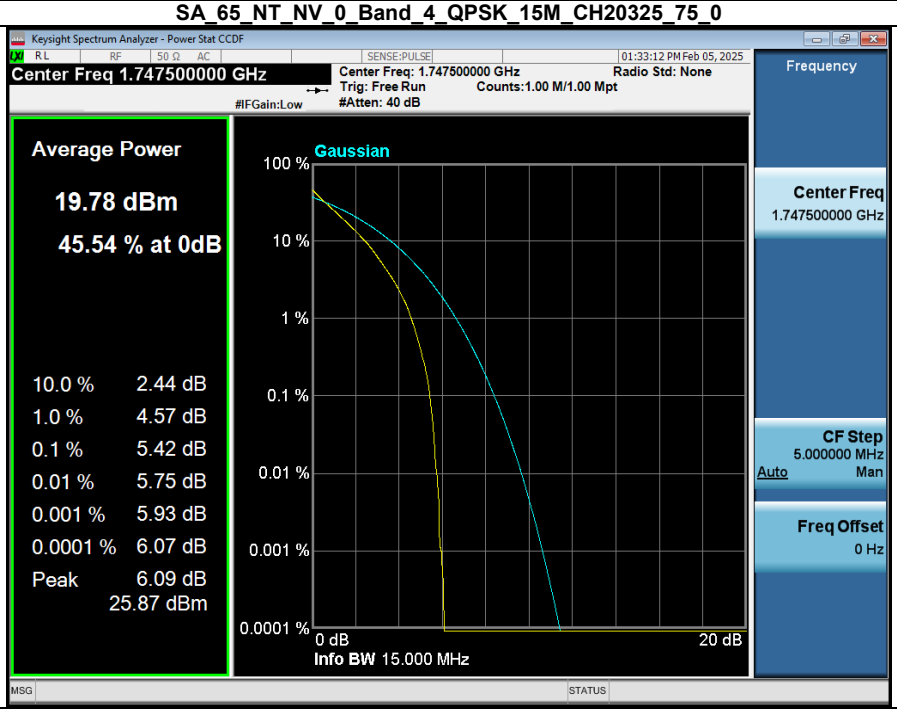

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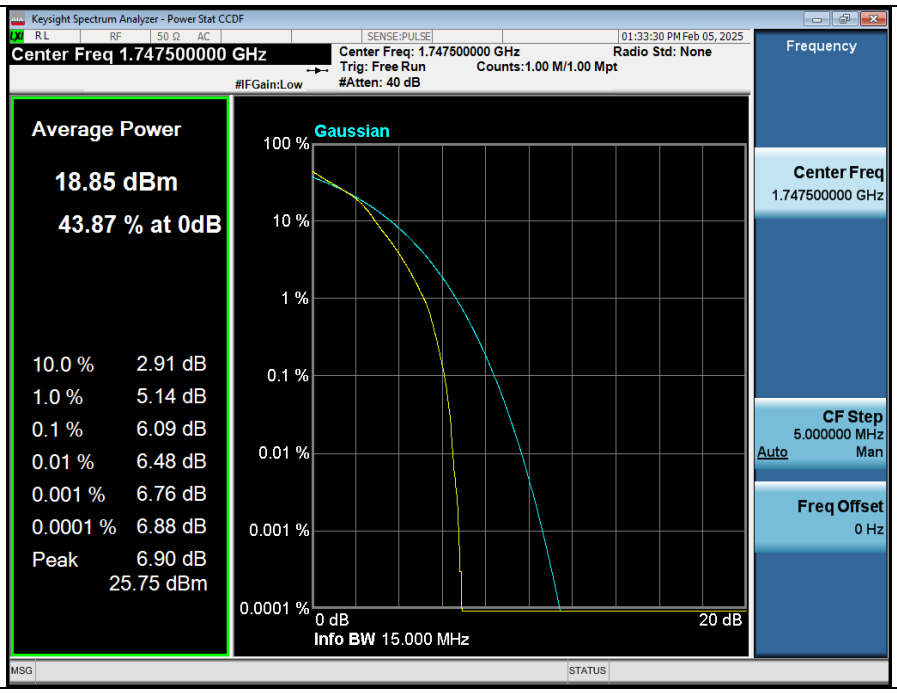

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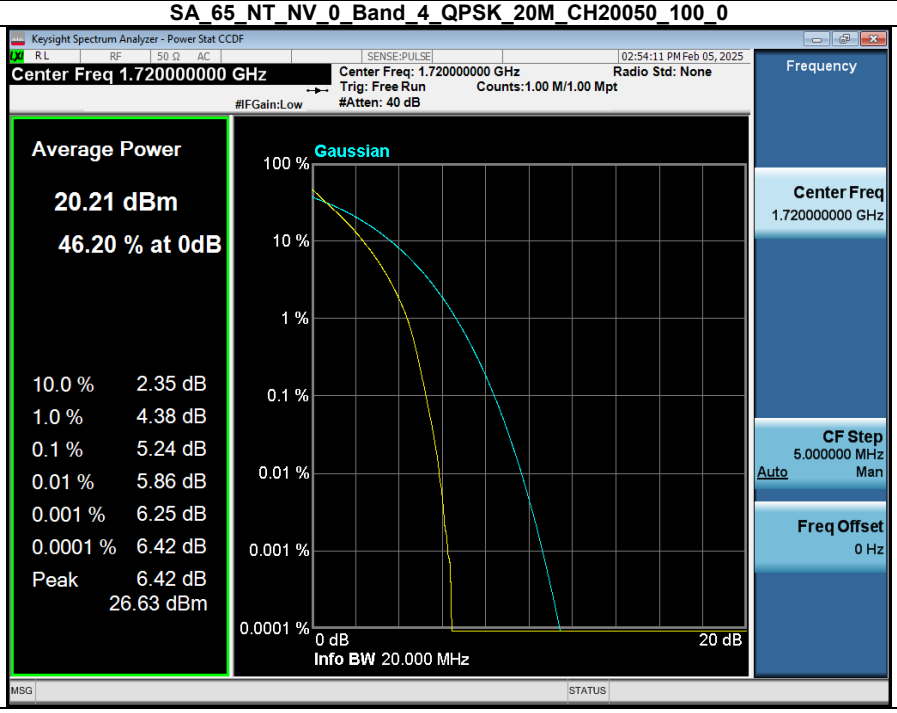

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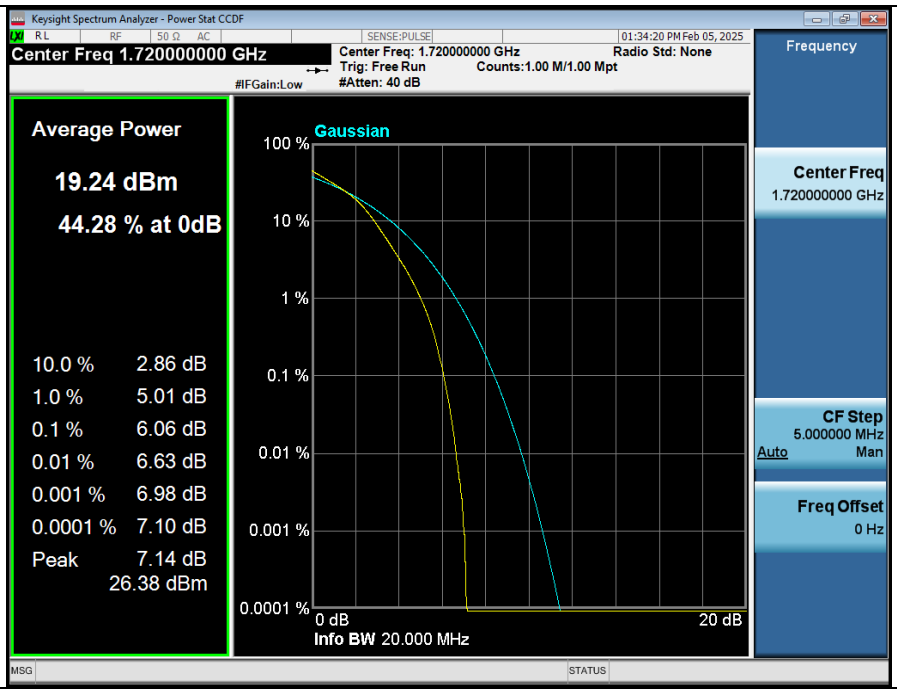

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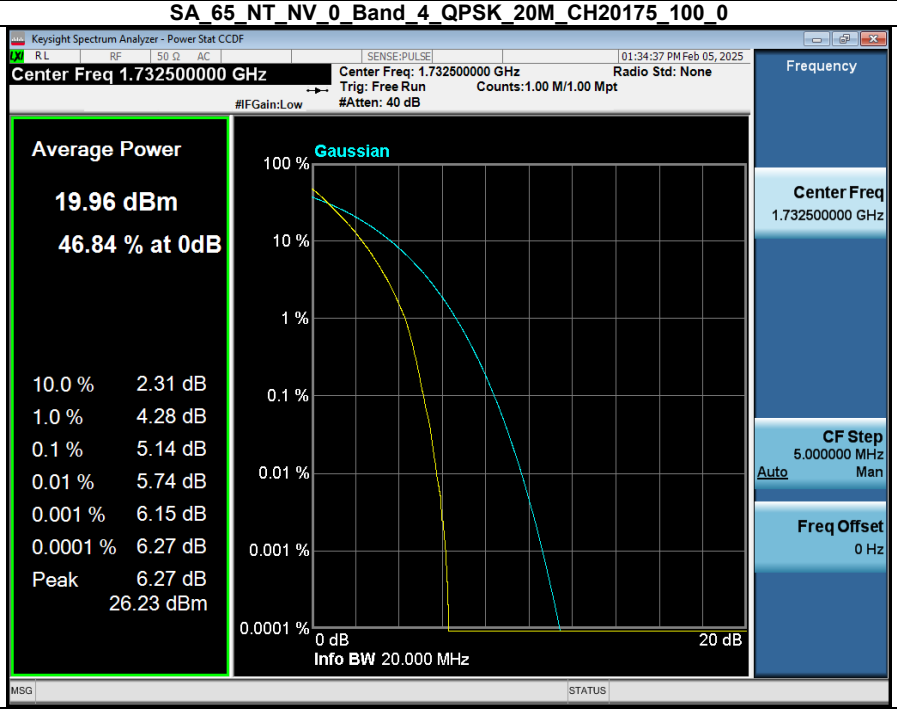

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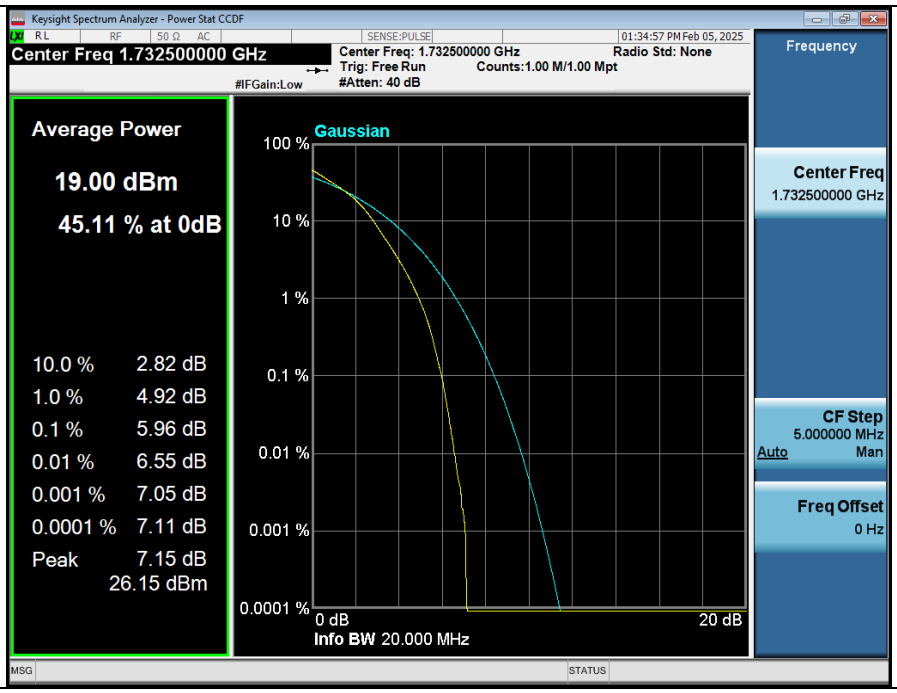

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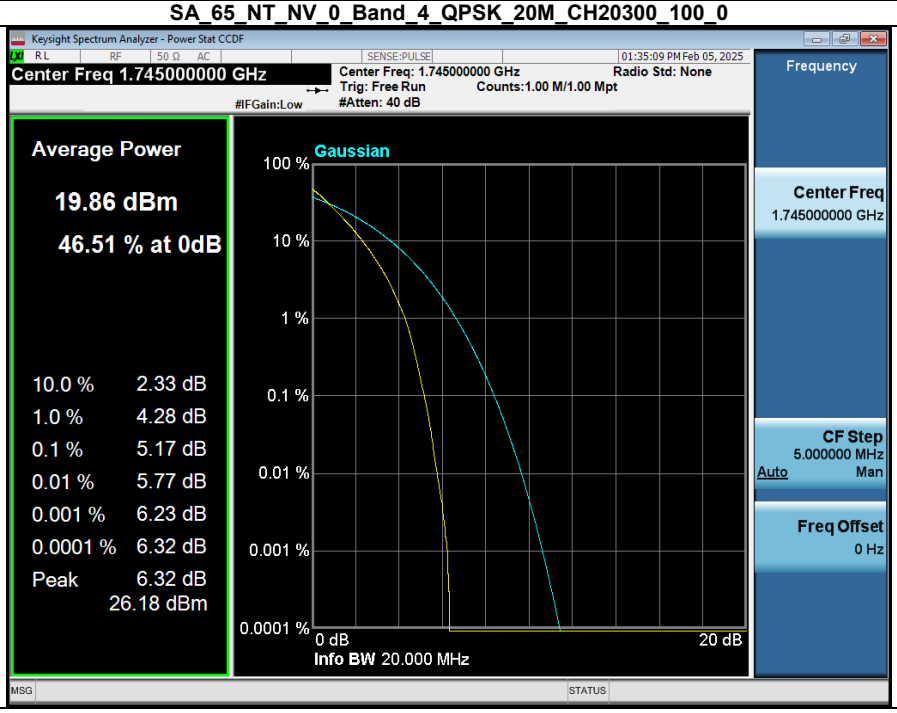

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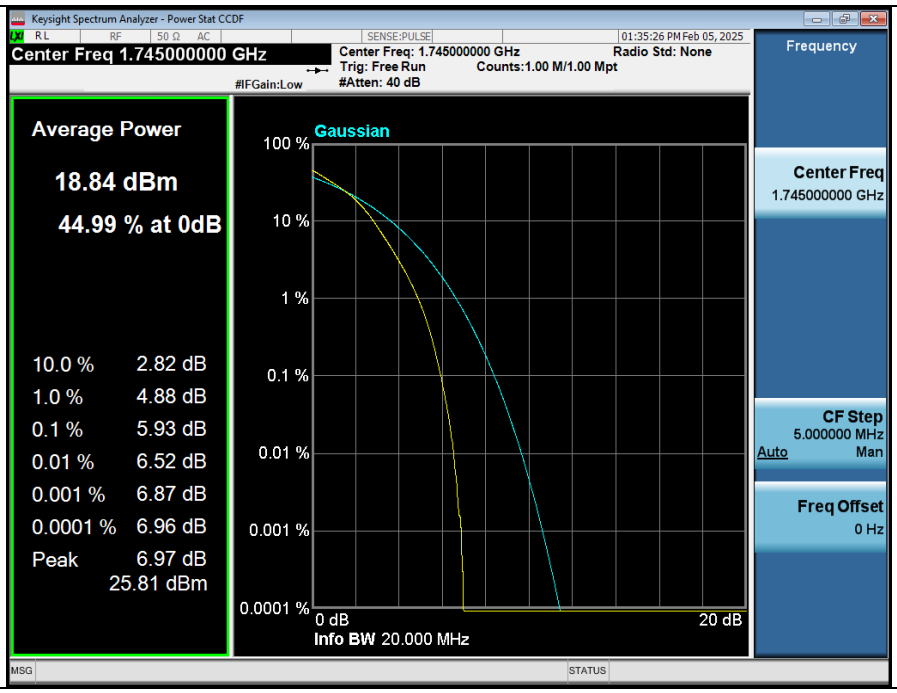
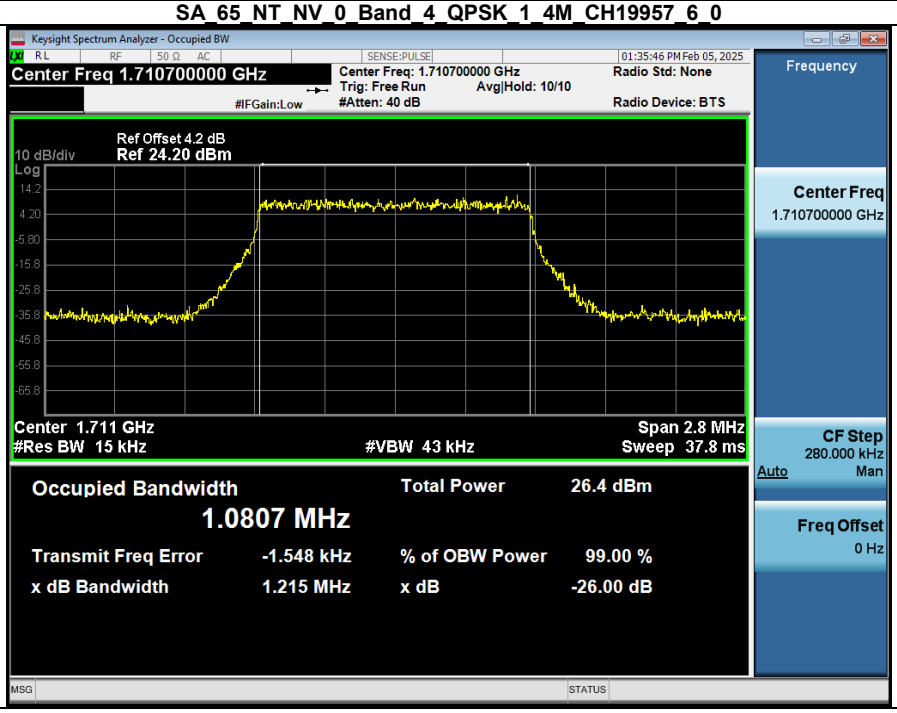

Keysight Spectrum Analyzer - Power Stat CCDF
R L
RF
50 Ω AC
SENSE:PULSE
01:35:26 PM Feb 05, 2025
Center Freq 1.745000000 GHz
Center Freq: 1.745000000 GHz
Trig: Free Run
#Atten: 40 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
#IFGain:Low
Frequency
Average Power
18.84 dBm
44.99 % at 0dB
10.0 % 2.82 dB
1.0 % 4.88 dB
0.1 % 5.93 dB
0.01 % 6.52 dB
0.001 % 6.87 dB
0.0001 % 6.96 dB
Peak 6.97 dB
25.81 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 20.000 MHz
Center Freq
1.745000000 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 4	QPSK	1.4M	1710.7	6	0	1.0807	1.2148
NV_NT	Band 4	16QAM	1.4M	1710.7	6	0	1.0810	1.2362
NV_NT	Band 4	QPSK	1.4M	1732.5	6	0	1.0808	1.2295
NV_NT	Band 4	16QAM	1.4M	1732.5	6	0	1.0800	1.2454
NV_NT	Band 4	QPSK	1.4M	1754.3	6	0	1.0795	1.2543
NV_NT	Band 4	16QAM	1.4M	1754.3	6	0	1.0789	1.2515
NV_NT	Band 4	QPSK	3M	1711.5	15	0	2.6854	2.9292
NV_NT	Band 4	16QAM	3M	1711.5	15	0	2.6812	2.9090
NV_NT	Band 4	QPSK	3M	1732.5	15	0	2.6862	2.9035
NV_NT	Band 4	16QAM	3M	1732.5	15	0	2.6850	2.9193
NV_NT	Band 4	QPSK	3M	1753.5	15	0	2.6847	2.9021
NV_NT	Band 4	16QAM	3M	1753.5	15	0	2.6881	2.9223
NV_NT	Band 4	QPSK	5M	1712.5	25	0	4.4672	4.8611
NV_NT	Band 4	16QAM	5M	1712.5	25	0	4.4708	4.9190
NV_NT	Band 4	QPSK	5M	1732.5	25	0	4.4654	4.8685
NV_NT	Band 4	16QAM	5M	1732.5	25	0	4.4594	4.8541
NV_NT	Band 4	QPSK	5M	1752.5	25	0	4.4719	4.8701
NV_NT	Band 4	16QAM	5M	1752.5	25	0	4.4691	4.8342
NV_NT	Band 4	QPSK	10M	1715.0	50	0	8.9257	9.5076
NV_NT	Band 4	16QAM	10M	1715.0	50	0	8.9253	9.6920
NV_NT	Band 4	QPSK	10M	1732.5	50	0	8.9172	9.5694
NV_NT	Band 4	16QAM	10M	1732.5	50	0	8.9383	9.6622
NV_NT	Band 4	QPSK	10M	1750.0	50	0	8.9193	9.6330
NV_NT	Band 4	16QAM	10M	1750.0	50	0	8.9262	9.6928
NV_NT	Band 4	QPSK	15M	1717.5	75	0	13.3979	14.4389
NV_NT	Band 4	16QAM	15M	1717.5	75	0	13.3780	14.4257
NV_NT	Band 4	QPSK	15M	1732.5	75	0	13.3631	14.3932
NV_NT	Band 4	16QAM	15M	1732.5	75	0	13.3621	14.3708
NV_NT	Band 4	QPSK	15M	1747.5	75	0	13.3736	14.2652
NV_NT	Band 4	16QAM	15M	1747.5	75	0	13.3595	14.4082
NV_NT	Band 4	QPSK	20M	1720.0	100	0	17.8594	19.2803
NV_NT	Band 4	16QAM	20M	1720.0	100	0	17.8527	18.9600
NV_NT	Band 4	QPSK	20M	1732.5	100	0	17.7888	18.8841
NV_NT	Band 4	16QAM	20M	1732.5	100	0	17.7952	18.9576
NV_NT	Band 4	QPSK	20M	1745.0	100	0	17.8114	18.9912
NV_NT	Band 4	16QAM	20M	1745.0	100	0	17.8270	19.1058

SA_65_NT_NV_0_Band_4_QPSK_1_4M_CH19957_6_0



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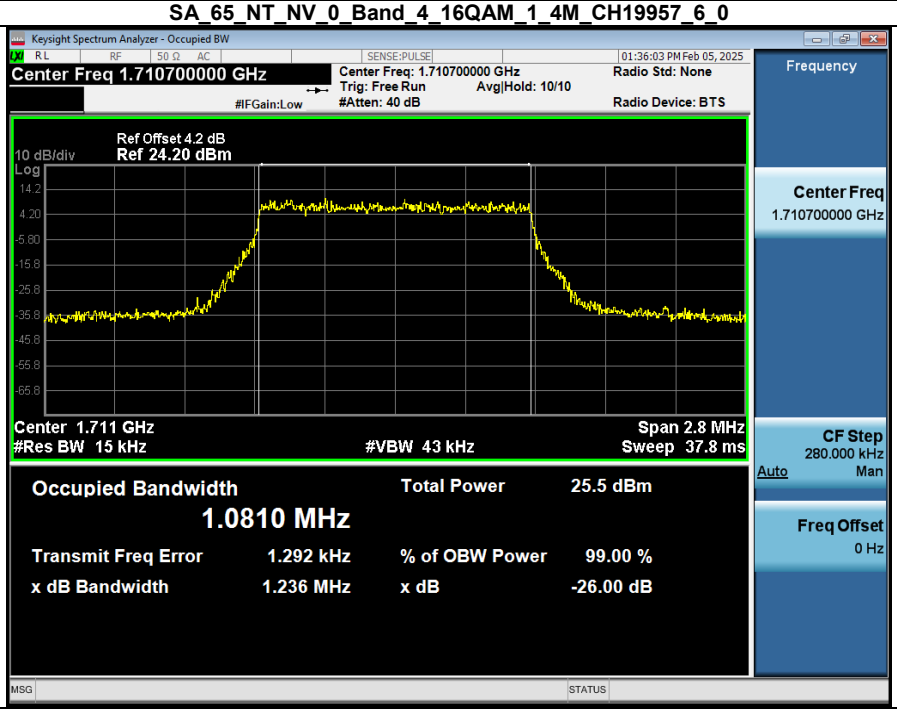

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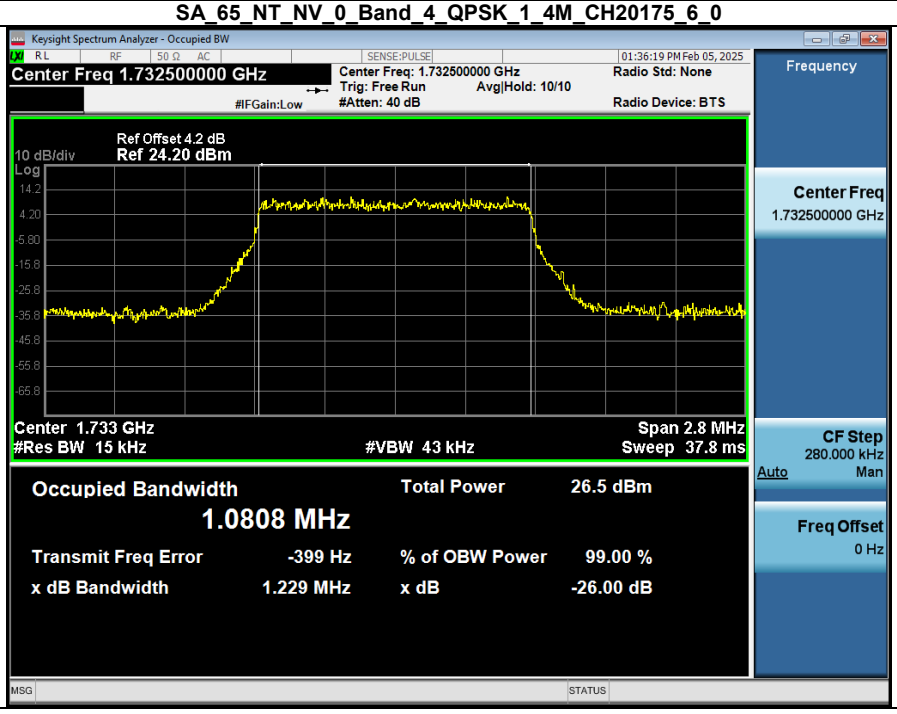

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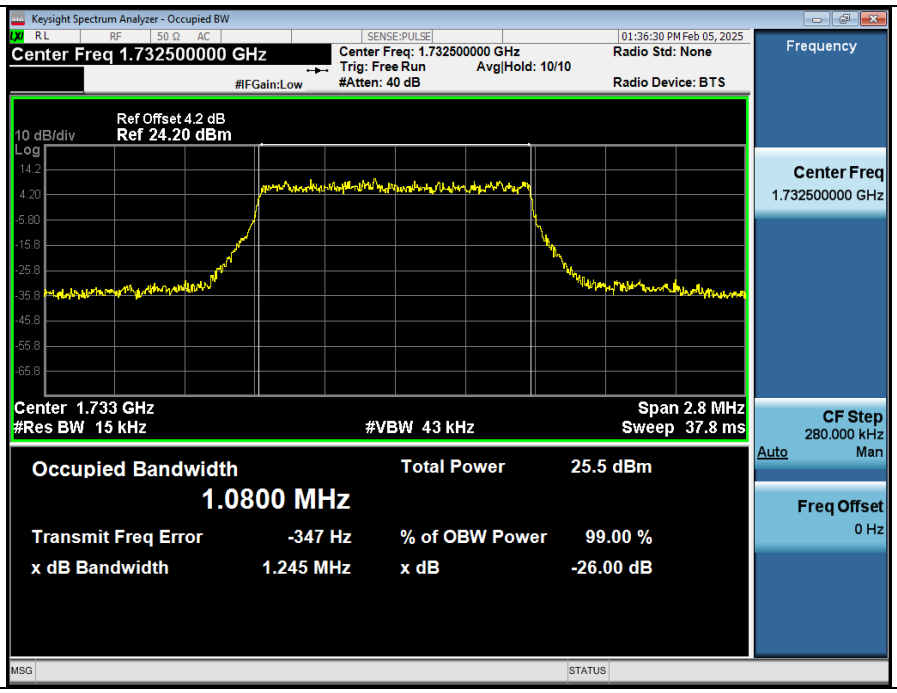

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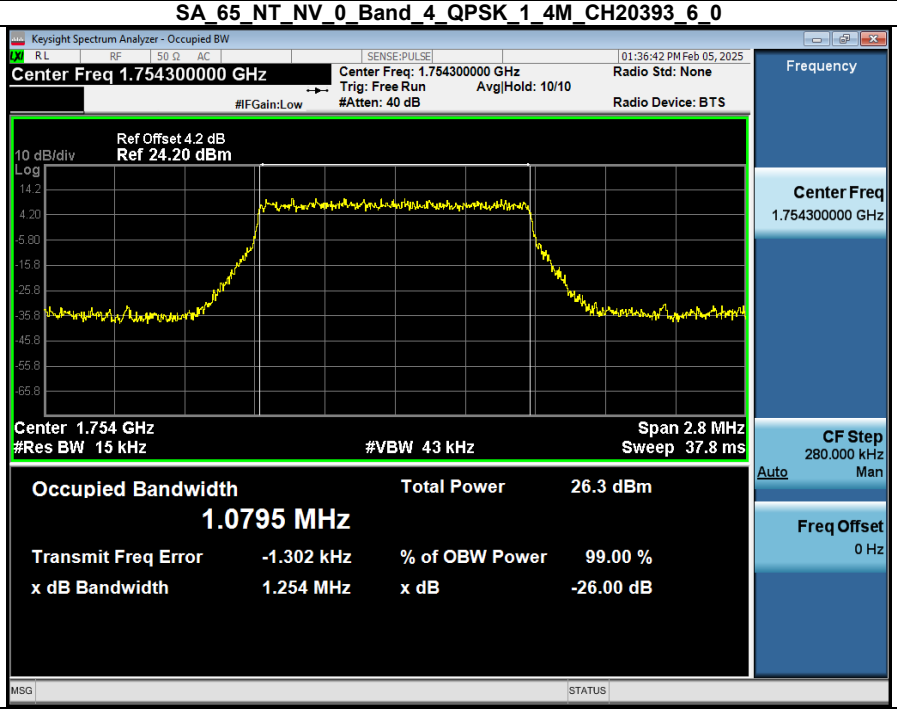

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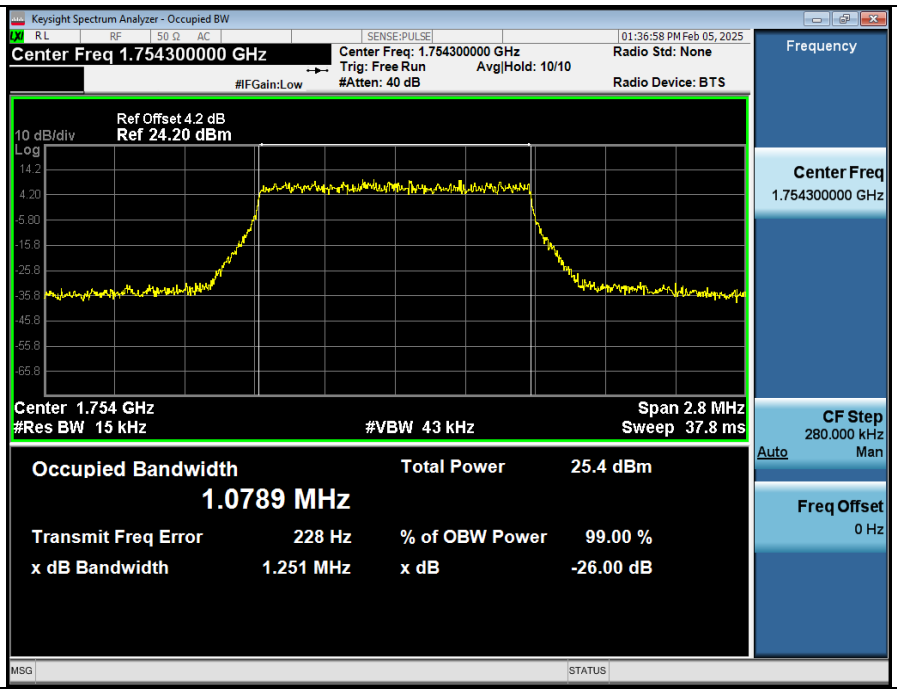

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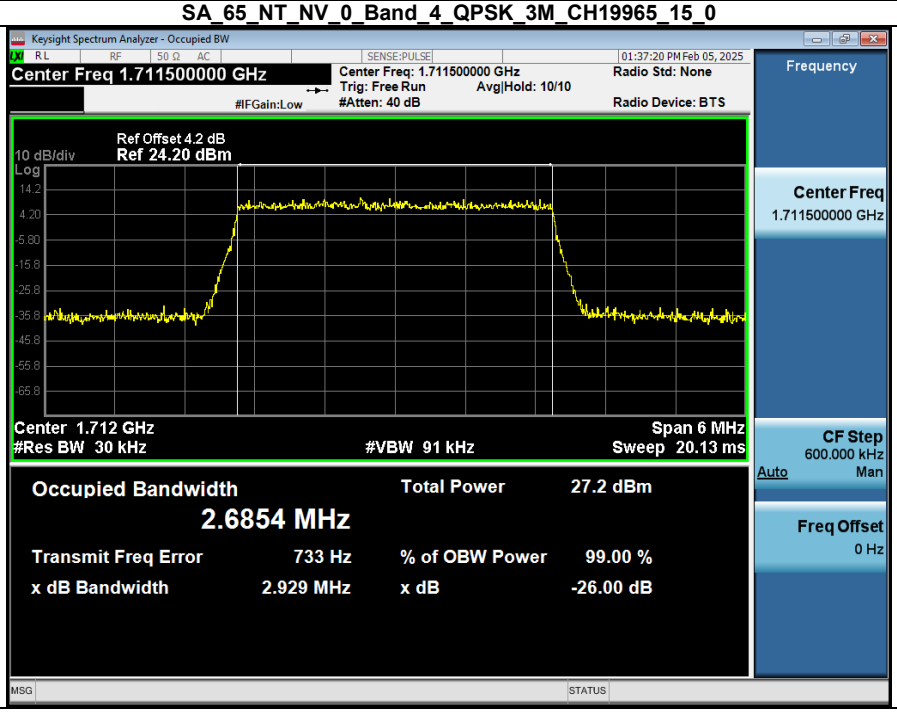

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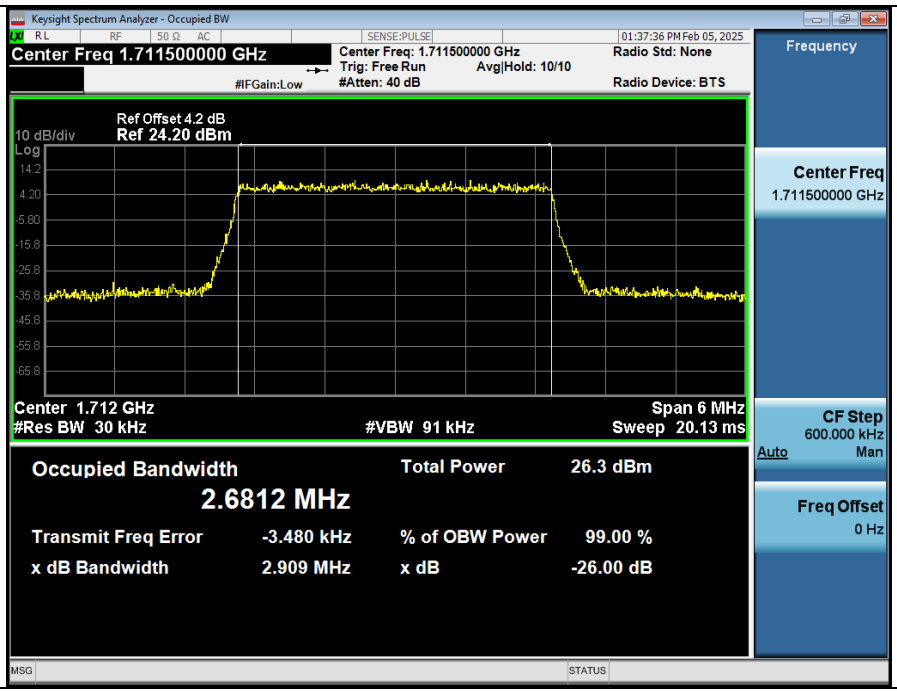

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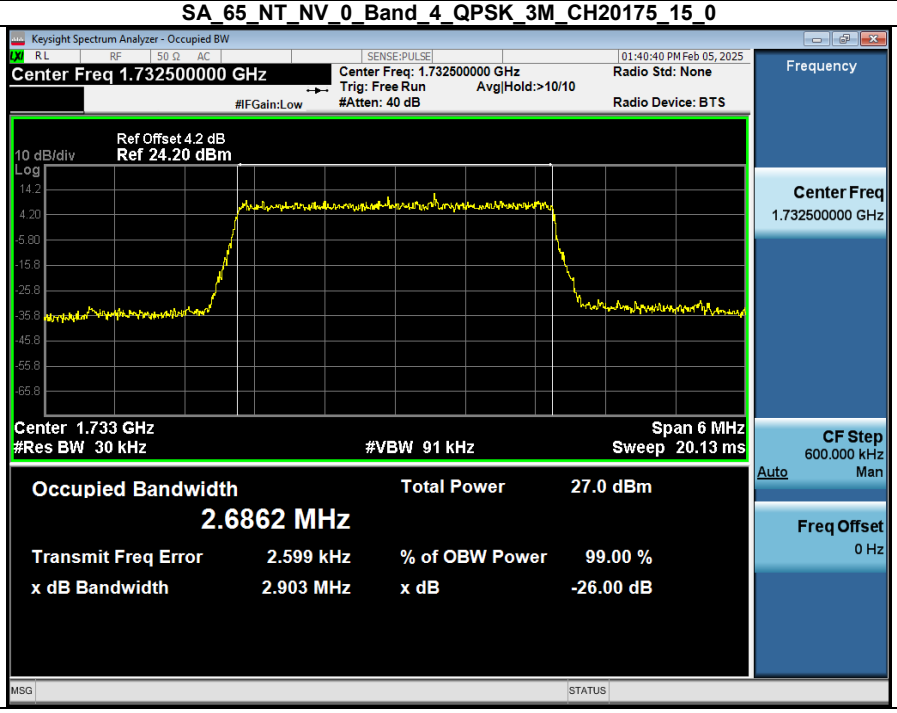

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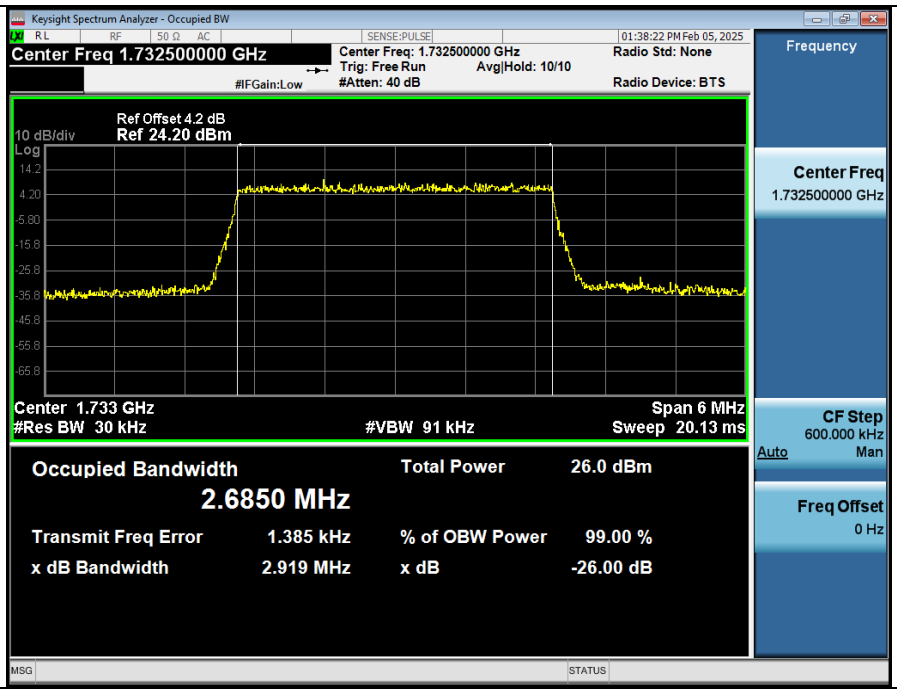

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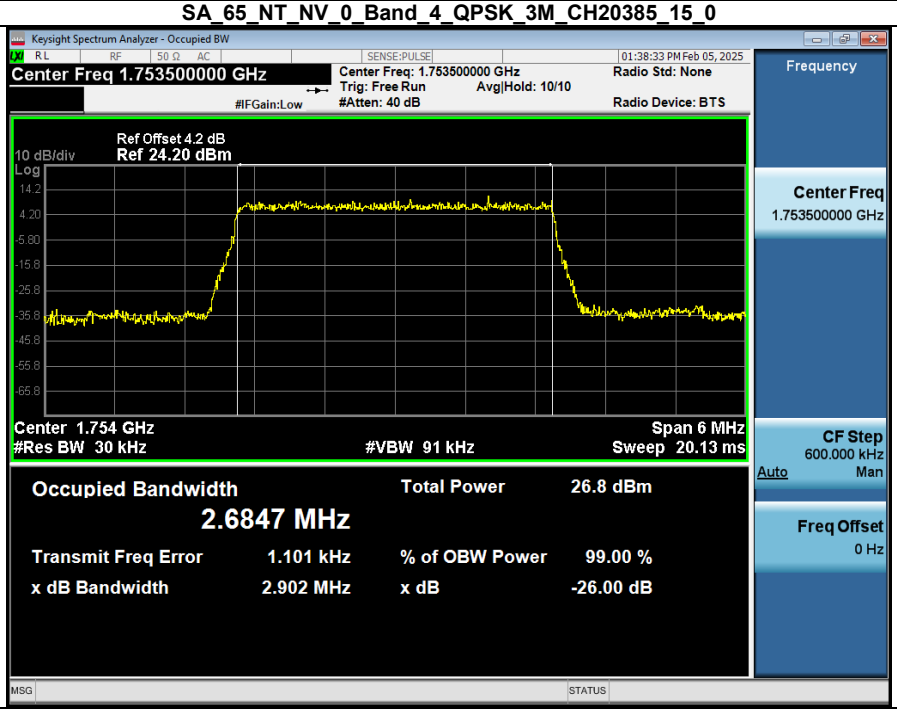

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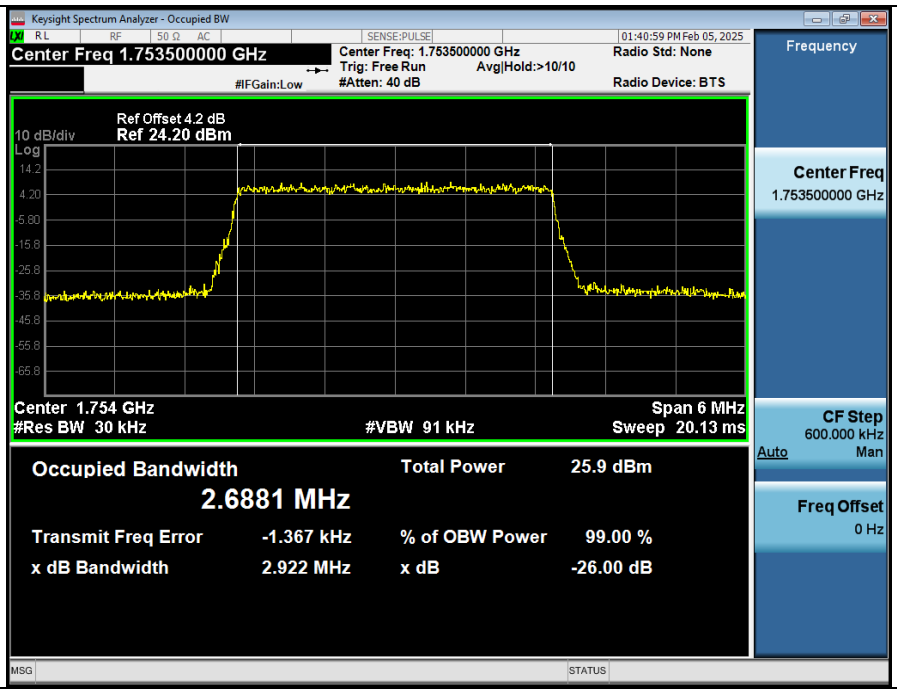

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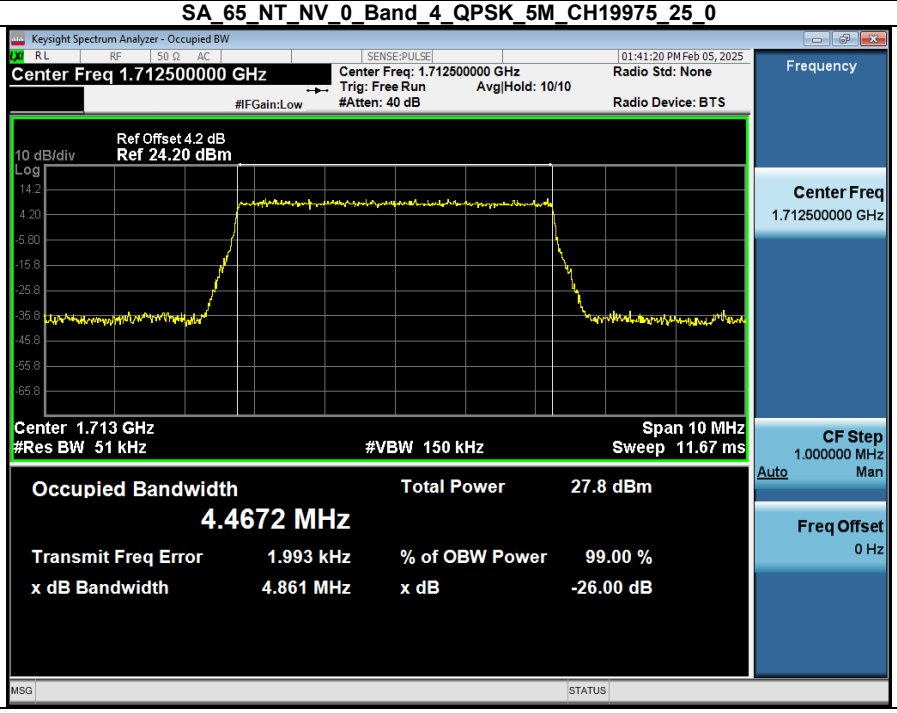

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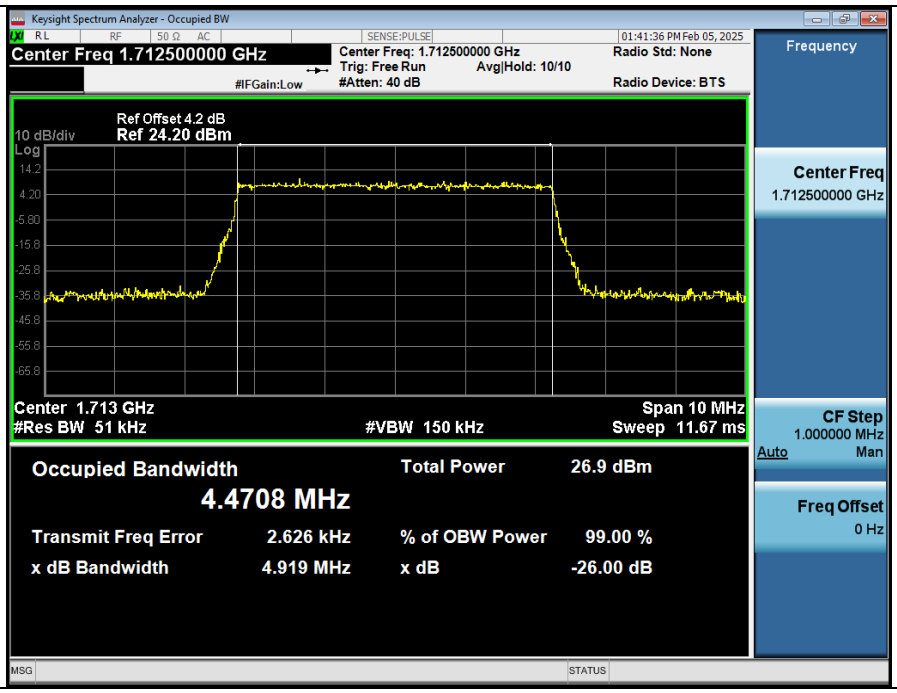

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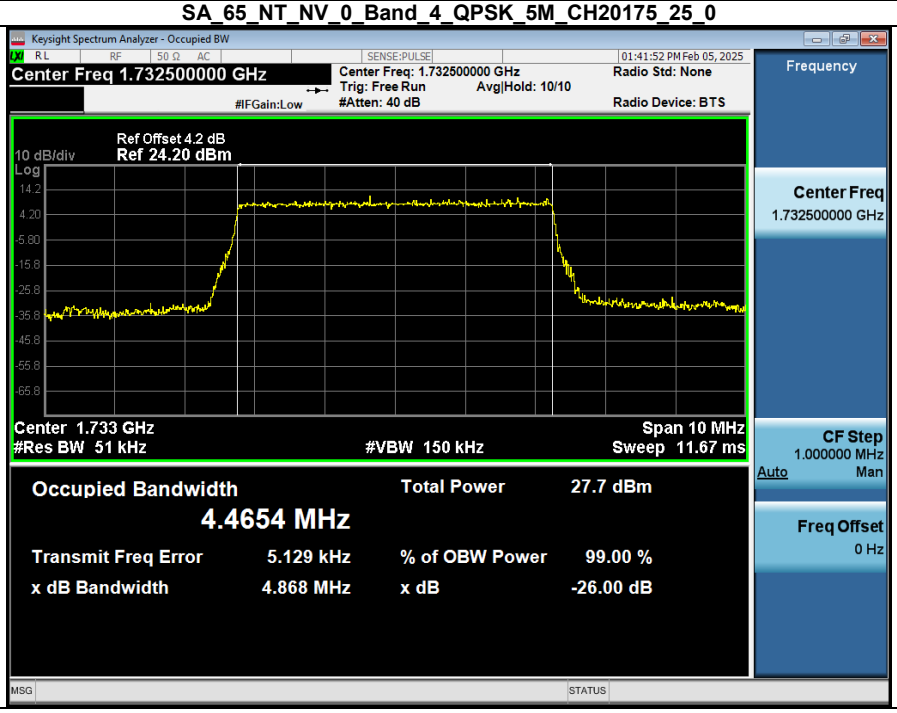

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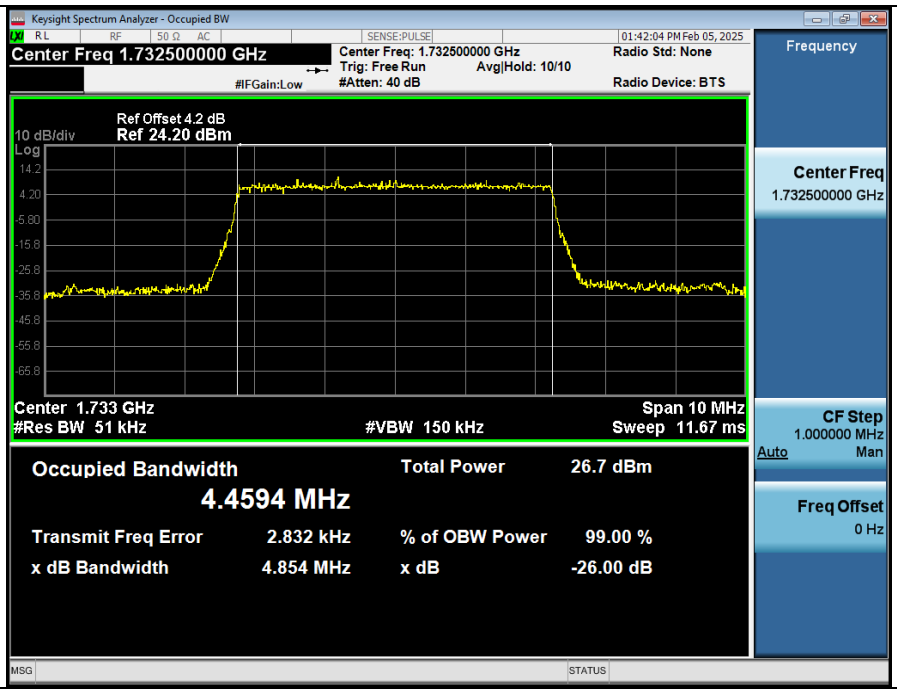

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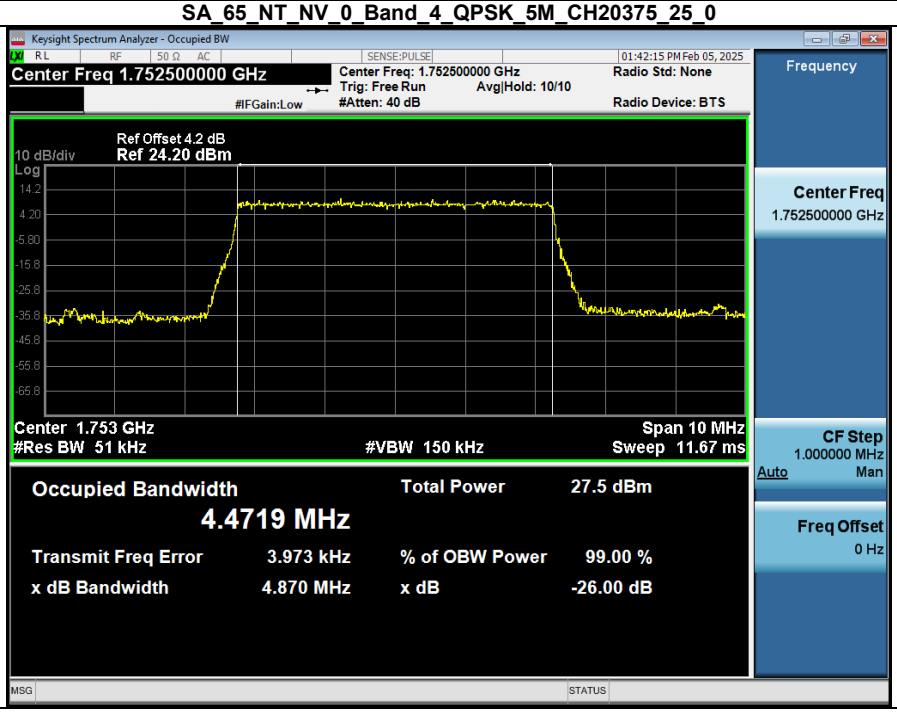

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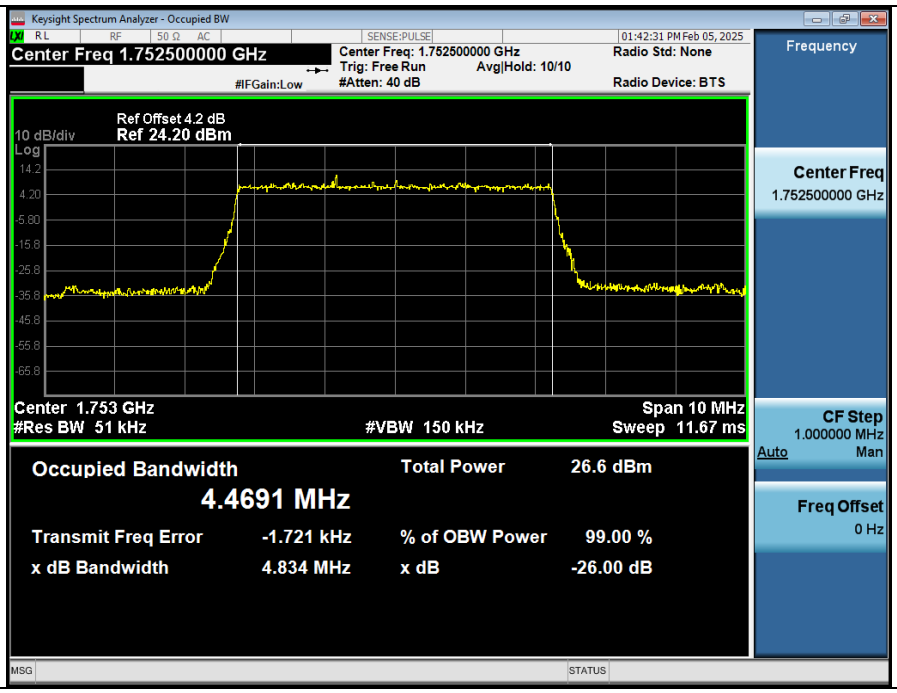

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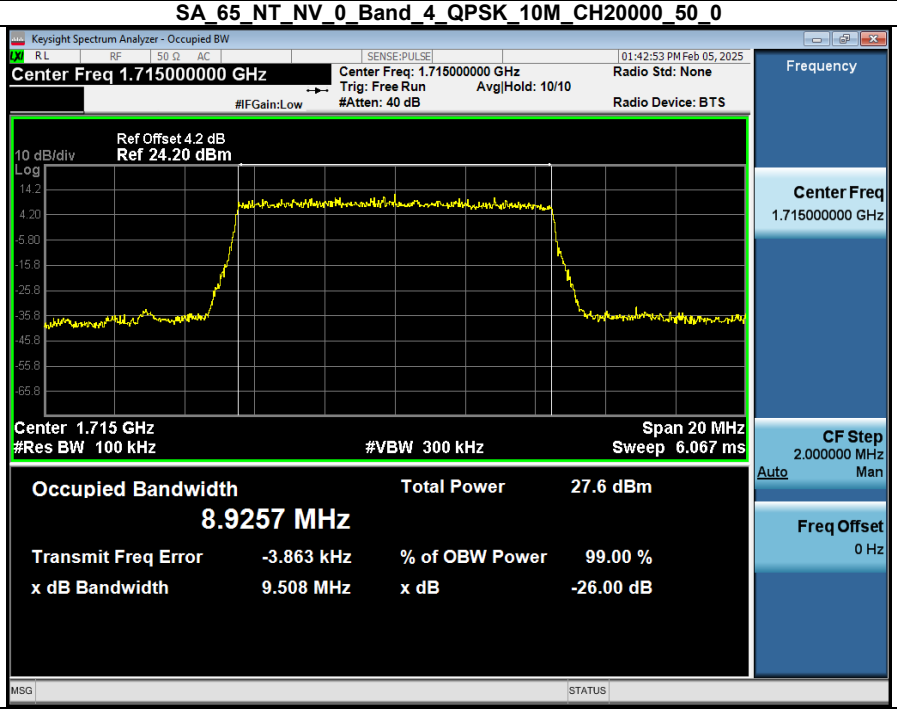

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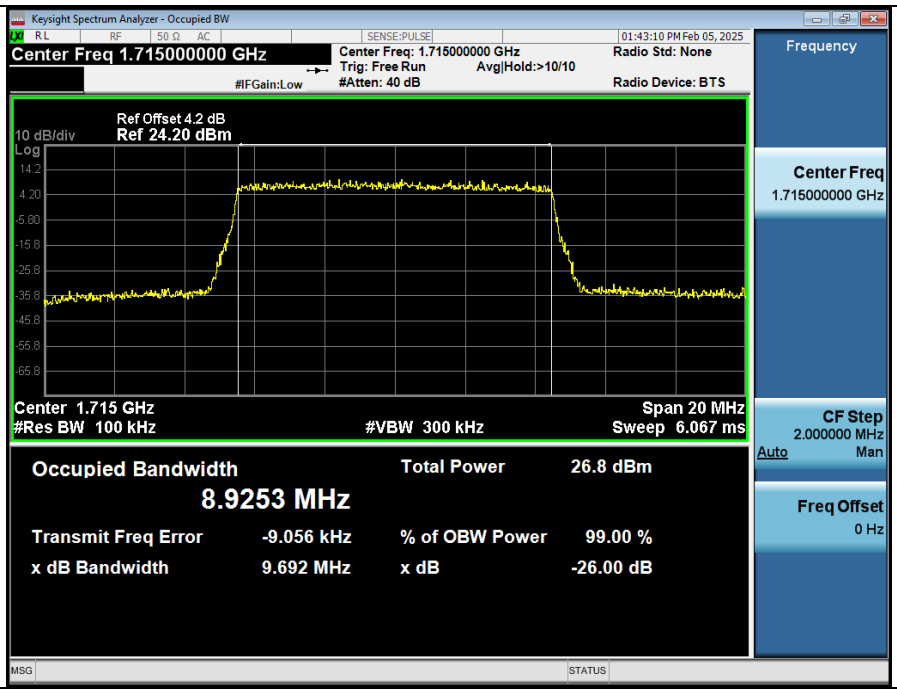

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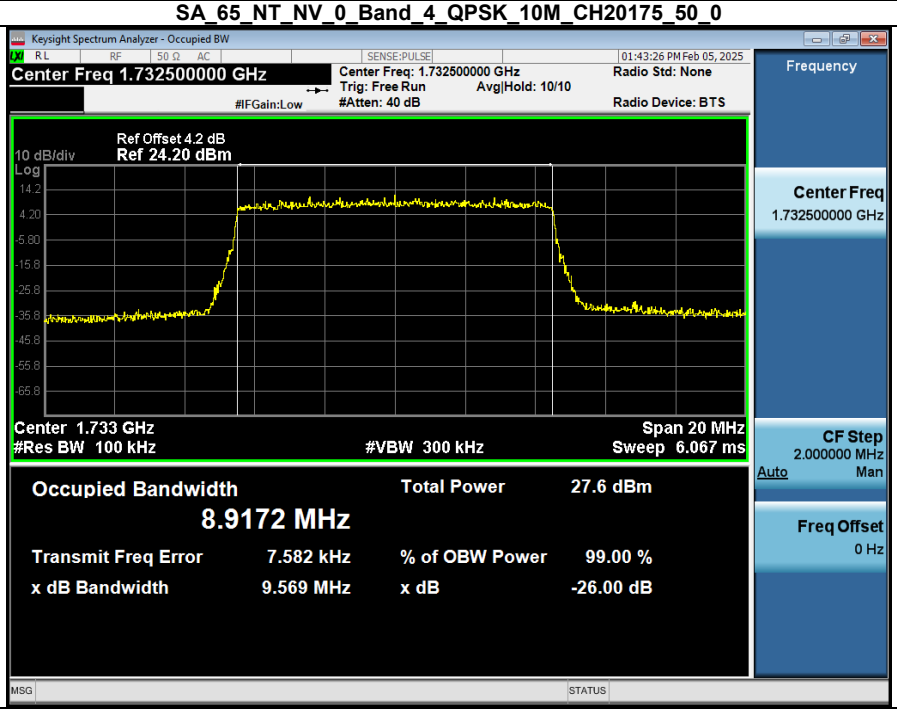

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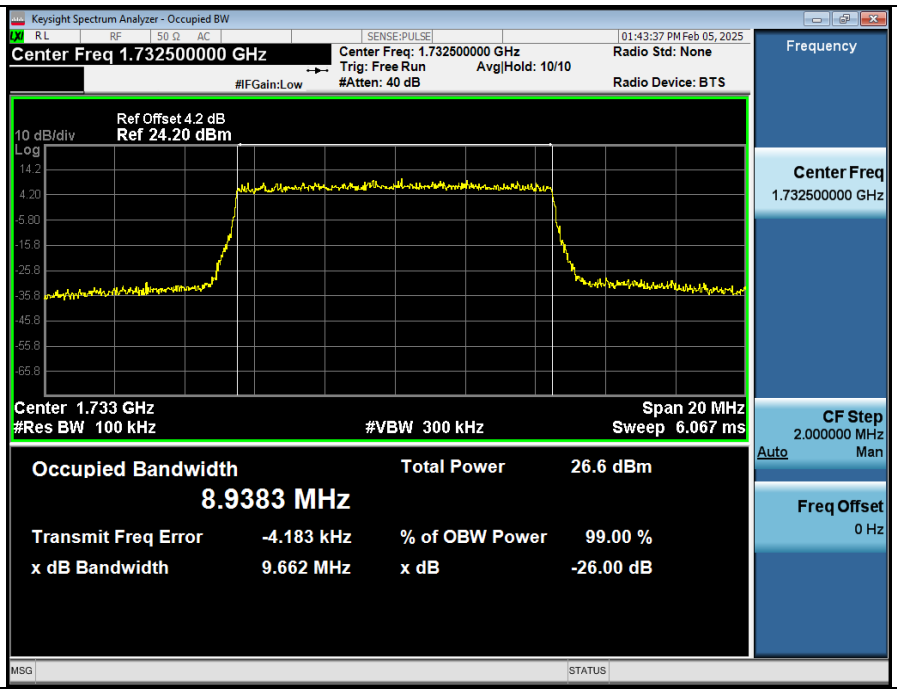

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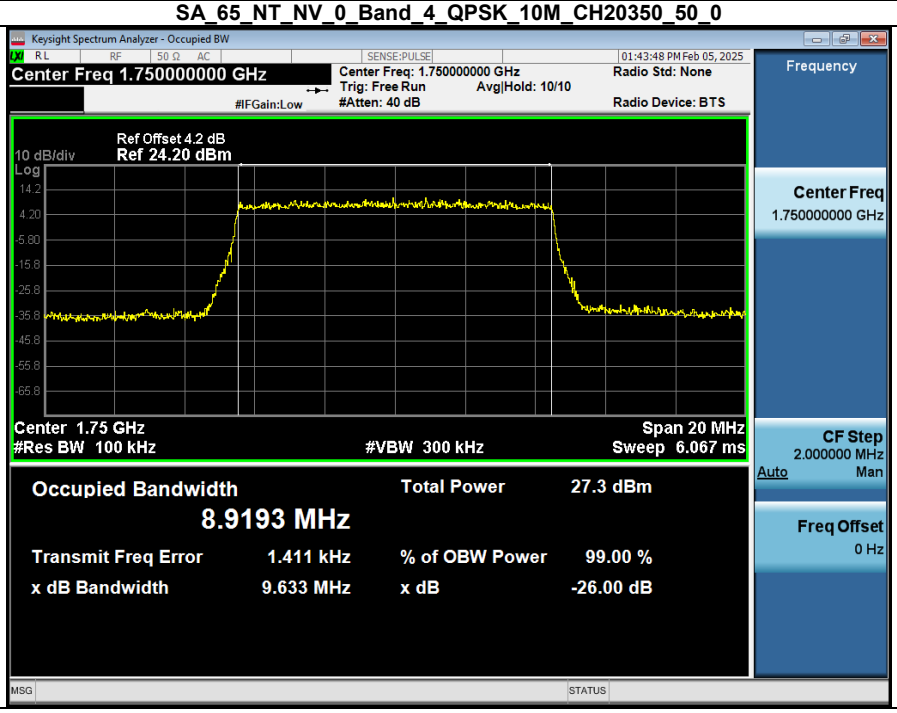

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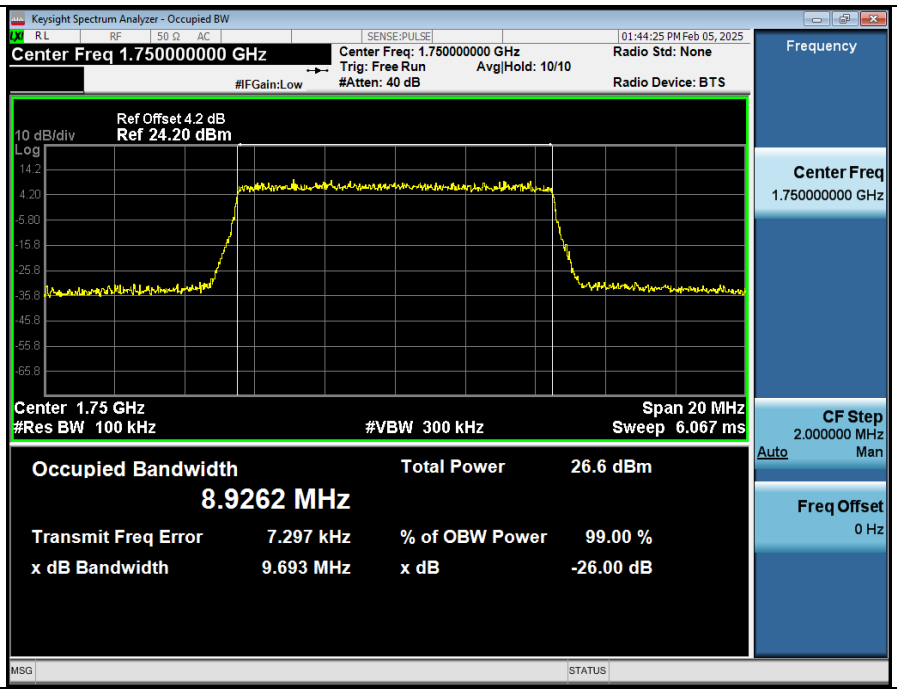

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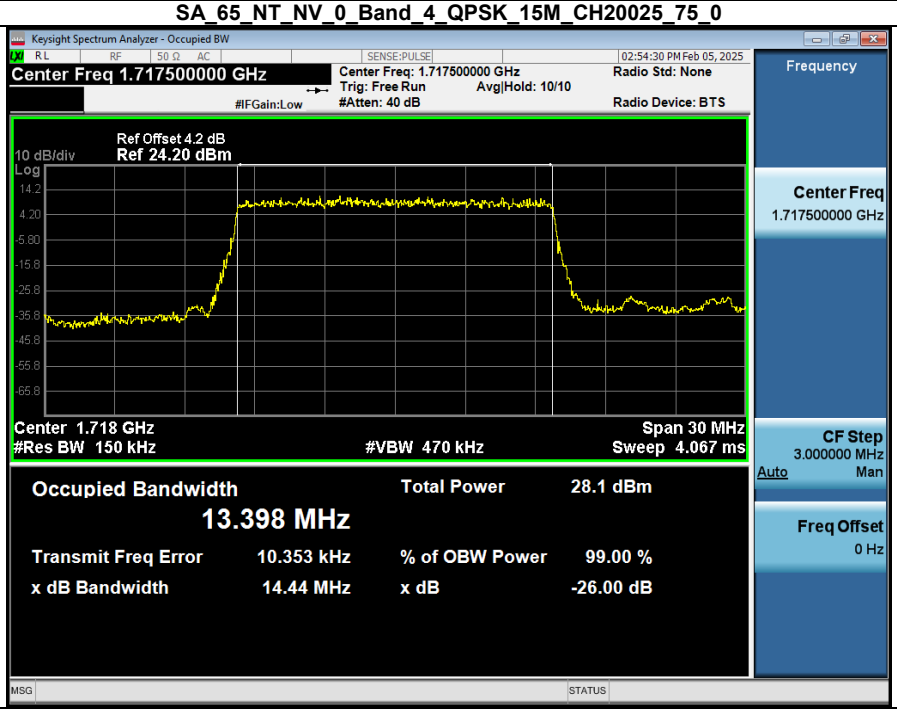

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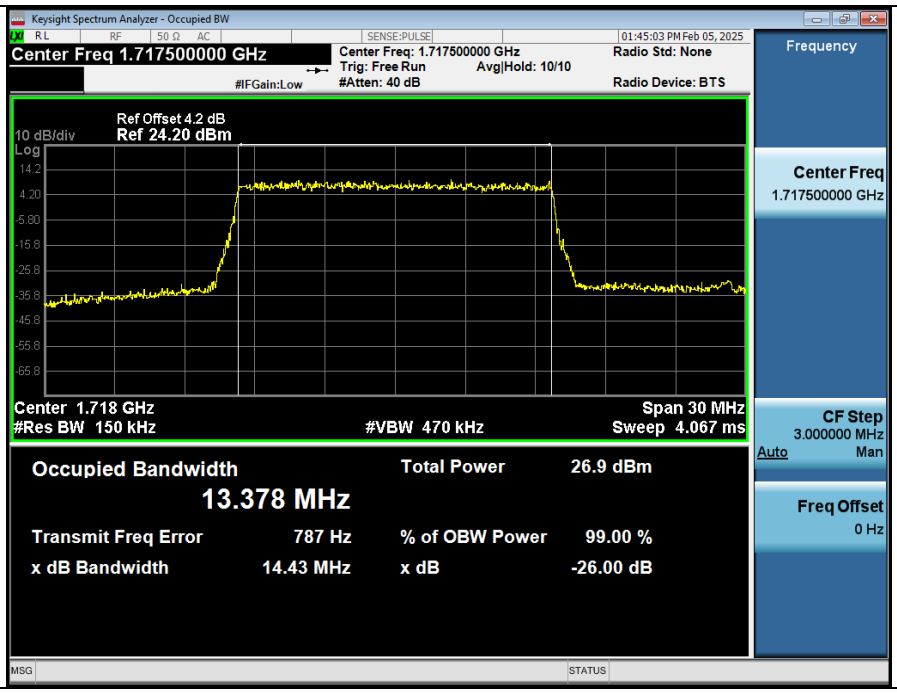

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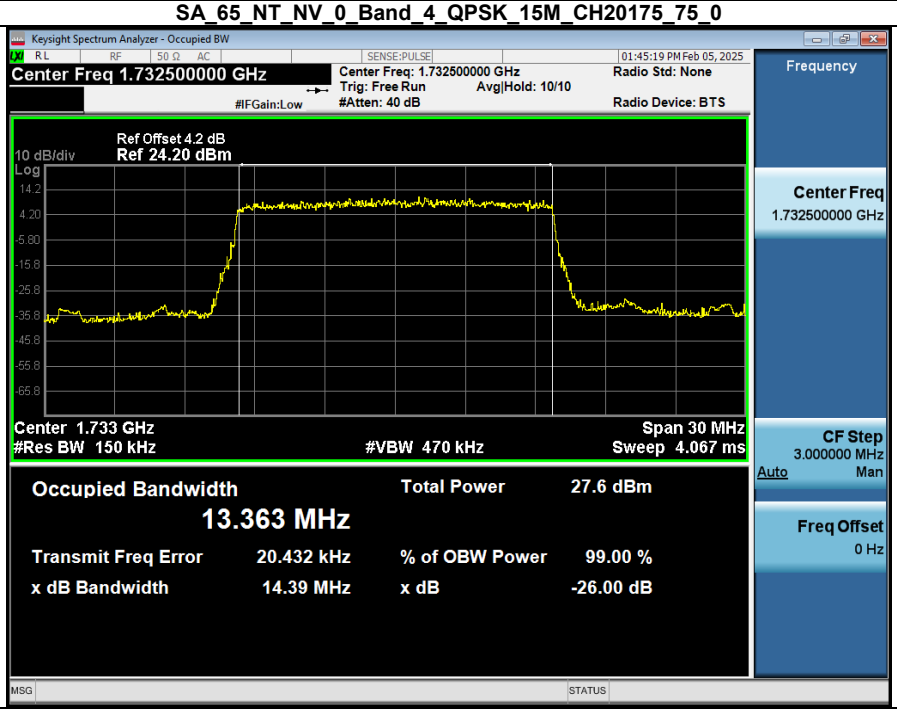

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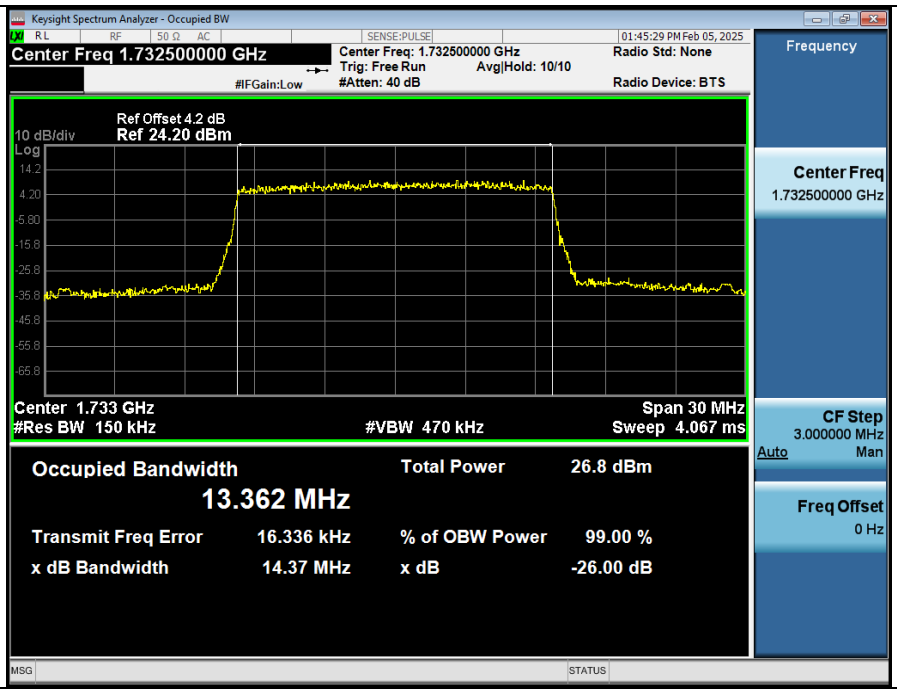

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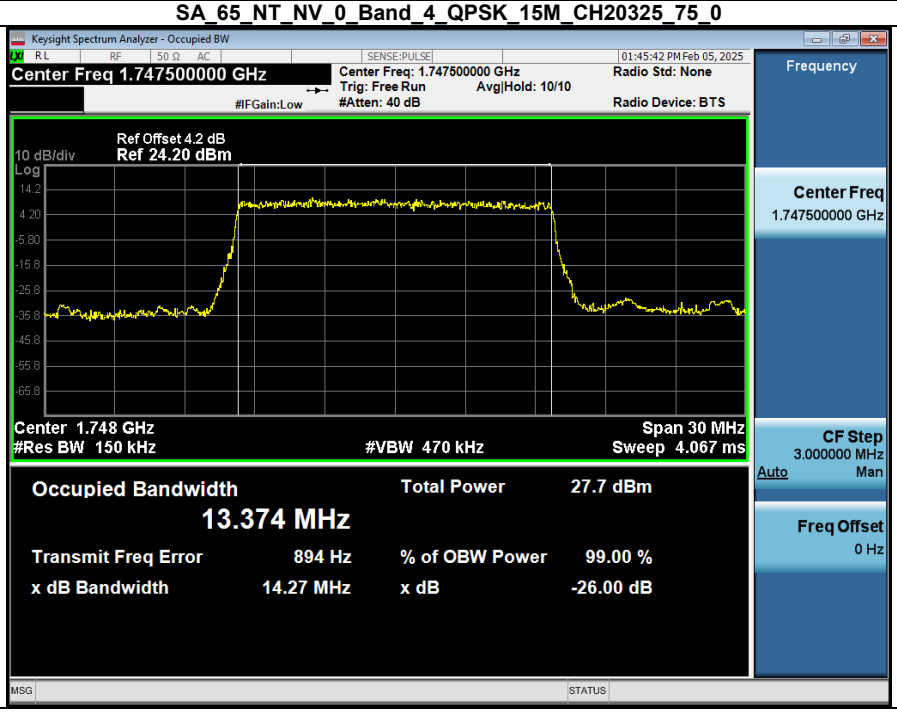

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