

Appendix for Band 2

FCC ID: 2BPV3-SW100

Report No.: BCTC2505938821-5E

Applicant: BEDIGITAL S.A.S.

Product Name: Smart Watch

Test Model: SW100

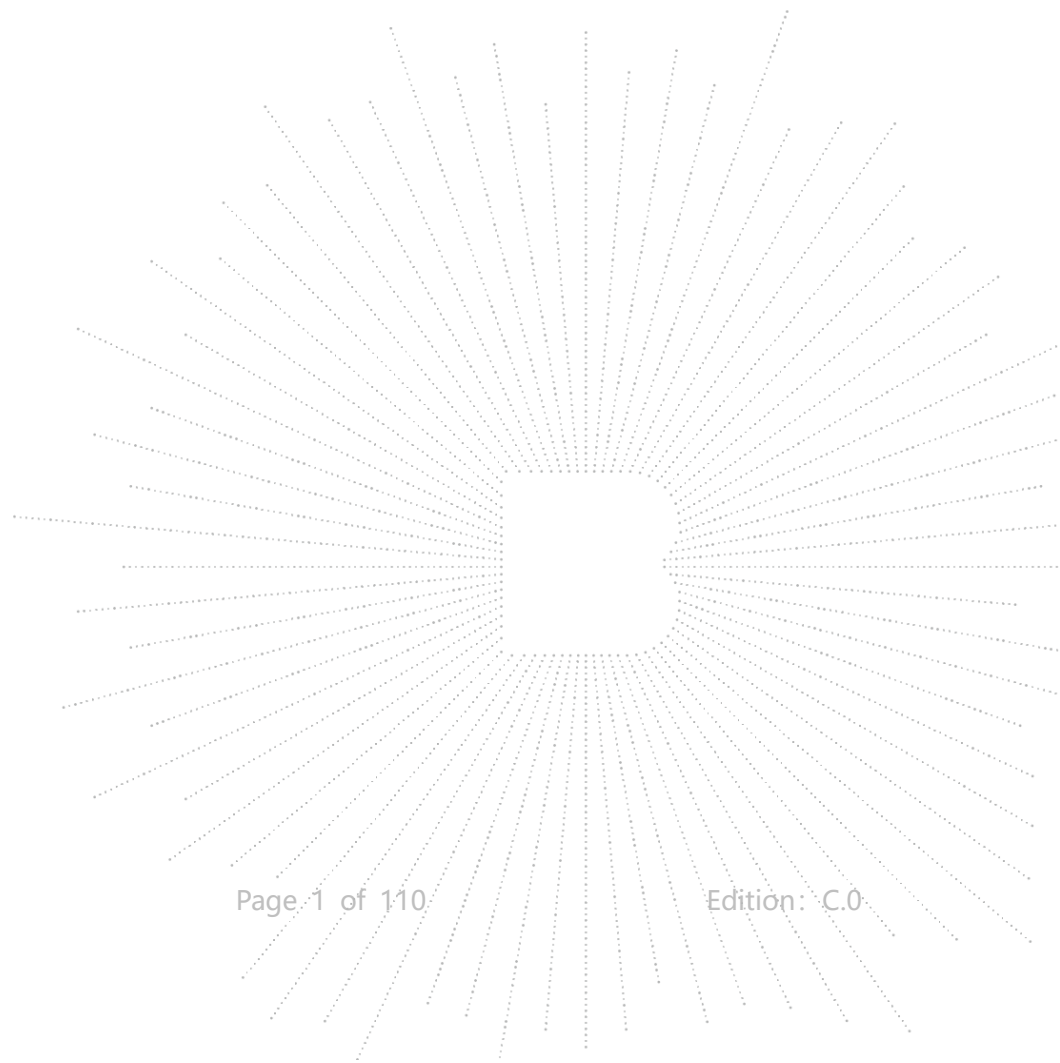
Tested Date: 2025-05-26 to 2025-06-03



Shenzhen BCTC Testing Co., Ltd.

Contents

Appendix 1. Conducted output power	2
Appendix 2. Frequency stability	9
Appendix 3. Peak-to-Average Ratio	19
Appendix 4. Occupied bandwidth	43
Appendix 5. Band edge	68
Appendix 6. Out-of-band emissions	85



Appendix 1. Conducted output power

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
NVNT	Band2	1.4	18607	1	#0	QPSK	23.57	-6.09	17.48	PASS
NVNT	Band2	1.4	18607	1	#Mid	QPSK	23.58	-6.09	17.49	PASS
NVNT	Band2	1.4	18607	1	#Max	QPSK	23.53	-6.09	17.44	PASS
NVNT	Band2	1.4	18607	3	#0	QPSK	23.49	-6.09	17.40	PASS
NVNT	Band2	1.4	18607	3	#Mid	QPSK	23.55	-6.09	17.46	PASS
NVNT	Band2	1.4	18607	3	#Max	QPSK	23.50	-6.09	17.41	PASS
NVNT	Band2	1.4	18607	6	#0	QPSK	22.48	-6.09	16.39	PASS
NVNT	Band2	1.4	18607	1	#0	16QAM	22.62	-6.09	16.53	PASS
NVNT	Band2	1.4	18607	1	#Mid	16QAM	22.73	-6.09	16.64	PASS
NVNT	Band2	1.4	18607	1	#Max	16QAM	22.74	-6.09	16.65	PASS
NVNT	Band2	1.4	18607	3	#0	16QAM	22.77	-6.09	16.68	PASS
NVNT	Band2	1.4	18607	3	#Mid	16QAM	22.81	-6.09	16.72	PASS
NVNT	Band2	1.4	18607	3	#Max	16QAM	22.78	-6.09	16.69	PASS
NVNT	Band2	1.4	18607	6	#0	16QAM	21.55	-6.09	15.46	PASS
NVNT	Band2	1.4	18900	1	#0	QPSK	23.68	-6.09	17.59	PASS
NVNT	Band2	1.4	18900	1	#Mid	QPSK	23.72	-6.09	17.63	PASS
NVNT	Band2	1.4	18900	1	#Max	QPSK	23.66	-6.09	17.57	PASS
NVNT	Band2	1.4	18900	3	#0	QPSK	23.50	-6.09	17.41	PASS
NVNT	Band2	1.4	18900	3	#Mid	QPSK	23.44	-6.09	17.35	PASS
NVNT	Band2	1.4	18900	3	#Max	QPSK	23.50	-6.09	17.41	PASS
NVNT	Band2	1.4	18900	6	#0	QPSK	22.51	-6.09	16.42	PASS
NVNT	Band2	1.4	18900	1	#0	16QAM	22.70	-6.09	16.61	PASS
NVNT	Band2	1.4	18900	1	#Mid	16QAM	22.79	-6.09	16.70	PASS
NVNT	Band2	1.4	18900	1	#Max	16QAM	22.74	-6.09	16.65	PASS
NVNT	Band2	1.4	18900	3	#0	16QAM	22.45	-6.09	16.36	PASS
NVNT	Band2	1.4	18900	3	#Mid	16QAM	22.51	-6.09	16.42	PASS
NVNT	Band2	1.4	18900	3	#Max	16QAM	22.45	-6.09	16.36	PASS
NVNT	Band2	1.4	18900	6	#0	16QAM	21.71	-6.09	15.62	PASS
NVNT	Band2	1.4	19193	1	#0	QPSK	23.28	-6.09	17.19	PASS
NVNT	Band2	1.4	19193	1	#Mid	QPSK	23.39	-6.09	17.30	PASS
NVNT	Band2	1.4	19193	1	#Max	QPSK	23.29	-6.09	17.20	PASS
NVNT	Band2	1.4	19193	3	#0	QPSK	23.47	-6.09	17.38	PASS
NVNT	Band2	1.4	19193	3	#Mid	QPSK	23.49	-6.09	17.40	PASS
NVNT	Band2	1.4	19193	3	#Max	QPSK	23.36	-6.09	17.27	PASS
NVNT	Band2	1.4	19193	6	#0	QPSK	22.38	-6.09	16.29	PASS
NVNT	Band2	1.4	19193	1	#0	16QAM	22.93	-6.09	16.84	PASS
NVNT	Band2	1.4	19193	1	#Mid	16QAM	22.87	-6.09	16.78	PASS

NVNT	Band2	1.4	19193	1	#Max	16QAM	22.86	-6.09	16.77	PASS
NVNT	Band2	1.4	19193	3	#0	16QAM	22.47	-6.09	16.38	PASS
NVNT	Band2	1.4	19193	3	#Mid	16QAM	22.49	-6.09	16.40	PASS
NVNT	Band2	1.4	19193	3	#Max	16QAM	22.43	-6.09	16.34	PASS
NVNT	Band2	1.4	19193	6	#0	16QAM	21.06	-6.09	14.97	PASS
NVNT	Band2	3	18615	1	#0	QPSK	23.37	-6.09	17.28	PASS
NVNT	Band2	3	18615	1	#Mid	QPSK	23.47	-6.09	17.38	PASS
NVNT	Band2	3	18615	1	#Max	QPSK	23.46	-6.09	17.37	PASS
NVNT	Band2	3	18615	8	#0	QPSK	22.43	-6.09	16.34	PASS
NVNT	Band2	3	18615	8	#Mid	QPSK	22.39	-6.09	16.30	PASS
NVNT	Band2	3	18615	8	#Max	QPSK	22.25	-6.09	16.16	PASS
NVNT	Band2	3	18615	15	#0	QPSK	22.44	-6.09	16.35	PASS
NVNT	Band2	3	18615	1	#0	16QAM	23.47	-6.09	17.38	PASS
NVNT	Band2	3	18615	1	#Mid	16QAM	23.50	-6.09	17.41	PASS
NVNT	Band2	3	18615	1	#Max	16QAM	23.33	-6.09	17.24	PASS
NVNT	Band2	3	18615	8	#0	16QAM	21.30	-6.09	15.21	PASS
NVNT	Band2	3	18615	8	#Mid	16QAM	21.30	-6.09	15.21	PASS
NVNT	Band2	3	18615	8	#Max	16QAM	21.12	-6.09	15.03	PASS
NVNT	Band2	3	18615	15	#0	16QAM	21.40	-6.09	15.31	PASS
NVNT	Band2	3	18900	1	#0	QPSK	23.43	-6.09	17.34	PASS
NVNT	Band2	3	18900	1	#Mid	QPSK	23.48	-6.09	17.39	PASS
NVNT	Band2	3	18900	1	#Max	QPSK	23.51	-6.09	17.42	PASS
NVNT	Band2	3	18900	8	#0	QPSK	22.52	-6.09	16.43	PASS
NVNT	Band2	3	18900	8	#Mid	QPSK	22.47	-6.09	16.38	PASS
NVNT	Band2	3	18900	8	#Max	QPSK	22.44	-6.09	16.35	PASS
NVNT	Band2	3	18900	15	#0	QPSK	22.42	-6.09	16.33	PASS
NVNT	Band2	3	18900	1	#0	16QAM	22.54	-6.09	16.45	PASS
NVNT	Band2	3	18900	1	#Mid	16QAM	22.54	-6.09	16.45	PASS
NVNT	Band2	3	18900	1	#Max	16QAM	22.51	-6.09	16.42	PASS
NVNT	Band2	3	18900	8	#0	16QAM	21.56	-6.09	15.47	PASS
NVNT	Band2	3	18900	8	#Mid	16QAM	21.48	-6.09	15.39	PASS
NVNT	Band2	3	18900	8	#Max	16QAM	21.51	-6.09	15.42	PASS
NVNT	Band2	3	18900	15	#0	16QAM	21.39	-6.09	15.30	PASS
NVNT	Band2	3	19185	1	#0	QPSK	23.26	-6.09	17.17	PASS
NVNT	Band2	3	19185	1	#Mid	QPSK	23.45	-6.09	17.36	PASS
NVNT	Band2	3	19185	1	#Max	QPSK	23.54	-6.09	17.45	PASS
NVNT	Band2	3	19185	8	#0	QPSK	22.36	-6.09	16.27	PASS
NVNT	Band2	3	19185	8	#Mid	QPSK	22.21	-6.09	16.12	PASS
NVNT	Band2	3	19185	8	#Max	QPSK	22.20	-6.09	16.11	PASS
NVNT	Band2	3	19185	15	#0	QPSK	22.30	-6.09	16.21	PASS
NVNT	Band2	3	19185	1	#0	16QAM	22.53	-6.09	16.44	PASS
NVNT	Band2	3	19185	1	#Mid	16QAM	22.65	-6.09	16.56	PASS

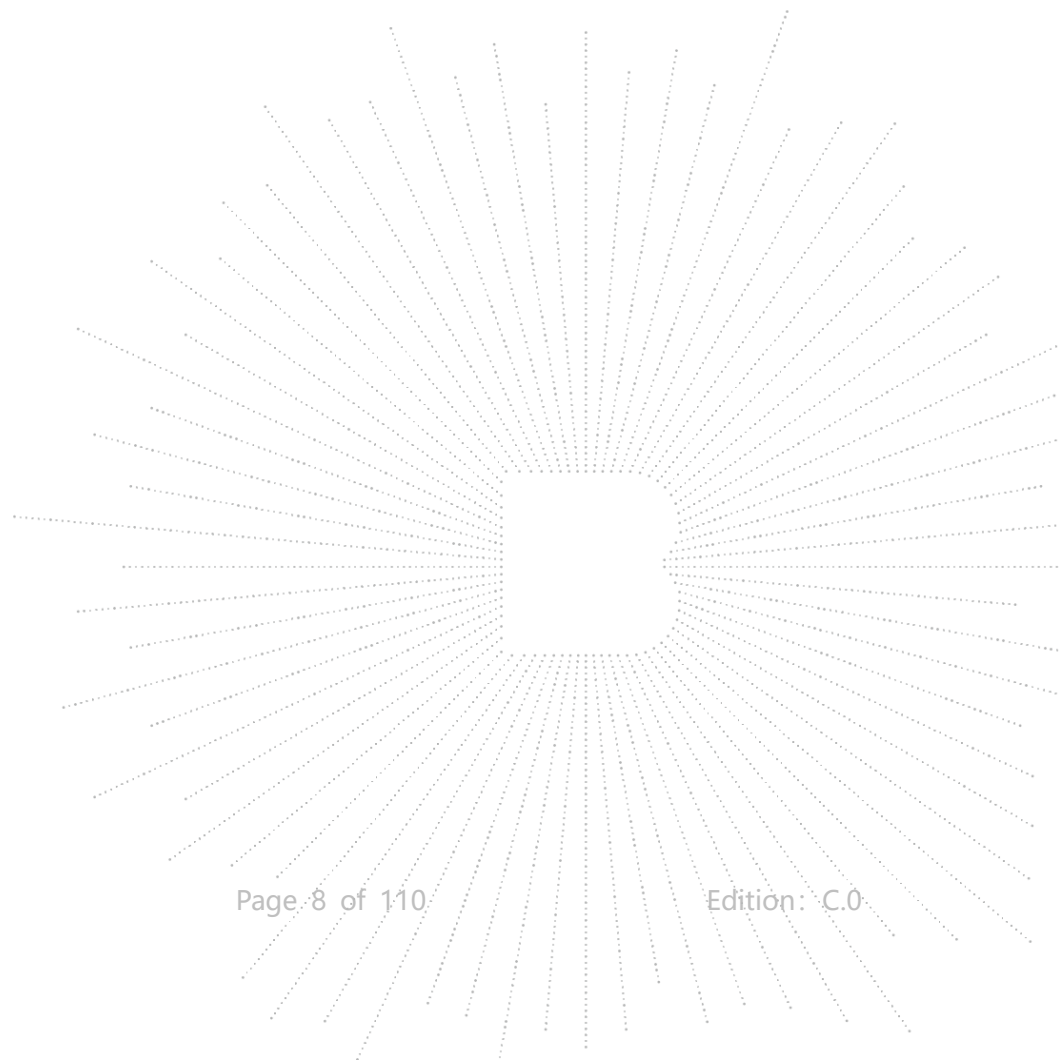
NVNT	Band2	3	19185	1	#Max	16QAM	22.63	-6.09	16.54	PASS
NVNT	Band2	3	19185	8	#0	16QAM	21.08	-6.09	14.99	PASS
NVNT	Band2	3	19185	8	#Mid	16QAM	21.08	-6.09	14.99	PASS
NVNT	Band2	3	19185	8	#Max	16QAM	21.11	-6.09	15.02	PASS
NVNT	Band2	3	19185	15	#0	16QAM	21.24	-6.09	15.15	PASS
NVNT	Band2	5	18625	1	#0	QPSK	23.46	-6.09	17.37	PASS
NVNT	Band2	5	18625	1	#Mid	QPSK	23.49	-6.09	17.40	PASS
NVNT	Band2	5	18625	1	#Max	QPSK	23.53	-6.09	17.44	PASS
NVNT	Band2	5	18625	12	#0	QPSK	22.39	-6.09	16.30	PASS
NVNT	Band2	5	18625	12	#Mid	QPSK	22.35	-6.09	16.26	PASS
NVNT	Band2	5	18625	12	#Max	QPSK	22.26	-6.09	16.17	PASS
NVNT	Band2	5	18625	25	#0	QPSK	22.21	-6.09	16.12	PASS
NVNT	Band2	5	18625	1	#0	16QAM	22.46	-6.09	16.37	PASS
NVNT	Band2	5	18625	1	#Mid	16QAM	22.37	-6.09	16.28	PASS
NVNT	Band2	5	18625	1	#Max	16QAM	22.55	-6.09	16.46	PASS
NVNT	Band2	5	18625	12	#0	16QAM	21.37	-6.09	15.28	PASS
NVNT	Band2	5	18625	12	#Mid	16QAM	21.24	-6.09	15.15	PASS
NVNT	Band2	5	18625	12	#Max	16QAM	21.18	-6.09	15.09	PASS
NVNT	Band2	5	18625	25	#0	16QAM	21.39	-6.09	15.30	PASS
NVNT	Band2	5	18900	1	#0	QPSK	23.55	-6.09	17.46	PASS
NVNT	Band2	5	18900	1	#Mid	QPSK	23.53	-6.09	17.44	PASS
NVNT	Band2	5	18900	1	#Max	QPSK	23.58	-6.09	17.49	PASS
NVNT	Band2	5	18900	12	#0	QPSK	22.39	-6.09	16.30	PASS
NVNT	Band2	5	18900	12	#Mid	QPSK	22.35	-6.09	16.26	PASS
NVNT	Band2	5	18900	12	#Max	QPSK	22.46	-6.09	16.37	PASS
NVNT	Band2	5	18900	25	#0	QPSK	22.44	-6.09	16.35	PASS
NVNT	Band2	5	18900	1	#0	16QAM	22.14	-6.09	16.05	PASS
NVNT	Band2	5	18900	1	#Mid	16QAM	22.14	-6.09	16.05	PASS
NVNT	Band2	5	18900	1	#Max	16QAM	22.14	-6.09	16.05	PASS
NVNT	Band2	5	18900	12	#0	16QAM	21.33	-6.09	15.24	PASS
NVNT	Band2	5	18900	12	#Mid	16QAM	21.31	-6.09	15.22	PASS
NVNT	Band2	5	18900	12	#Max	16QAM	21.34	-6.09	15.25	PASS
NVNT	Band2	5	18900	25	#0	16QAM	21.50	-6.09	15.41	PASS
NVNT	Band2	5	19175	1	#0	QPSK	23.25	-6.09	17.16	PASS
NVNT	Band2	5	19175	1	#Mid	QPSK	23.28	-6.09	17.19	PASS
NVNT	Band2	5	19175	1	#Max	QPSK	23.35	-6.09	17.26	PASS
NVNT	Band2	5	19175	12	#0	QPSK	22.31	-6.09	16.22	PASS
NVNT	Band2	5	19175	12	#Mid	QPSK	22.23	-6.09	16.14	PASS
NVNT	Band2	5	19175	12	#Max	QPSK	22.32	-6.09	16.23	PASS
NVNT	Band2	5	19175	25	#0	QPSK	22.39	-6.09	16.30	PASS
NVNT	Band2	5	19175	1	#0	16QAM	22.26	-6.09	16.17	PASS
NVNT	Band2	5	19175	1	#Mid	16QAM	22.32	-6.09	16.23	PASS

NVNT	Band2	5	19175	1	#Max	16QAM	22.38	-6.09	16.29	PASS
NVNT	Band2	5	19175	12	#0	16QAM	21.10	-6.09	15.01	PASS
NVNT	Band2	5	19175	12	#Mid	16QAM	21.10	-6.09	15.01	PASS
NVNT	Band2	5	19175	12	#Max	16QAM	21.09	-6.09	15.00	PASS
NVNT	Band2	5	19175	25	#0	16QAM	21.09	-6.09	15.00	PASS
NVNT	Band2	10	18650	1	#0	QPSK	23.45	-6.09	17.36	PASS
NVNT	Band2	10	18650	1	#Mid	QPSK	23.50	-6.09	17.41	PASS
NVNT	Band2	10	18650	1	#Max	QPSK	23.52	-6.09	17.43	PASS
NVNT	Band2	10	18650	25	#0	QPSK	22.40	-6.09	16.31	PASS
NVNT	Band2	10	18650	25	#Mid	QPSK	22.45	-6.09	16.36	PASS
NVNT	Band2	10	18650	25	#Max	QPSK	22.51	-6.09	16.42	PASS
NVNT	Band2	10	18650	50	#0	QPSK	22.53	-6.09	16.44	PASS
NVNT	Band2	10	18650	1	#0	16QAM	23.43	-6.09	17.34	PASS
NVNT	Band2	10	18650	1	#Mid	16QAM	23.51	-6.09	17.42	PASS
NVNT	Band2	10	18650	1	#Max	16QAM	23.57	-6.09	17.48	PASS
NVNT	Band2	10	18650	25	#0	16QAM	21.27	-6.09	15.18	PASS
NVNT	Band2	10	18650	25	#Mid	16QAM	21.56	-6.09	15.47	PASS
NVNT	Band2	10	18650	25	#Max	16QAM	21.32	-6.09	15.23	PASS
NVNT	Band2	10	18650	50	#0	16QAM	21.57	-6.09	15.48	PASS
NVNT	Band2	10	18900	1	#0	QPSK	23.47	-6.09	17.38	PASS
NVNT	Band2	10	18900	1	#Mid	QPSK	23.51	-6.09	17.42	PASS
NVNT	Band2	10	18900	1	#Max	QPSK	23.46	-6.09	17.37	PASS
NVNT	Band2	10	18900	25	#0	QPSK	22.55	-6.09	16.46	PASS
NVNT	Band2	10	18900	25	#Mid	QPSK	22.45	-6.09	16.36	PASS
NVNT	Band2	10	18900	25	#Max	QPSK	22.37	-6.09	16.28	PASS
NVNT	Band2	10	18900	50	#0	QPSK	22.44	-6.09	16.35	PASS
NVNT	Band2	10	18900	1	#0	16QAM	22.60	-6.09	16.51	PASS
NVNT	Band2	10	18900	1	#Mid	16QAM	22.57	-6.09	16.48	PASS
NVNT	Band2	10	18900	1	#Max	16QAM	22.55	-6.09	16.46	PASS
NVNT	Band2	10	18900	25	#0	16QAM	21.40	-6.09	15.31	PASS
NVNT	Band2	10	18900	25	#Mid	16QAM	21.46	-6.09	15.37	PASS
NVNT	Band2	10	18900	25	#Max	16QAM	21.32	-6.09	15.23	PASS
NVNT	Band2	10	18900	50	#0	16QAM	21.56	-6.09	15.47	PASS
NVNT	Band2	10	19150	1	#0	QPSK	23.30	-6.09	17.21	PASS
NVNT	Band2	10	19150	1	#Mid	QPSK	23.33	-6.09	17.24	PASS
NVNT	Band2	10	19150	1	#Max	QPSK	23.57	-6.09	17.48	PASS
NVNT	Band2	10	19150	25	#0	QPSK	22.18	-6.09	16.09	PASS
NVNT	Band2	10	19150	25	#Mid	QPSK	22.32	-6.09	16.23	PASS
NVNT	Band2	10	19150	25	#Max	QPSK	22.26	-6.09	16.17	PASS
NVNT	Band2	10	19150	50	#0	QPSK	22.25	-6.09	16.16	PASS
NVNT	Band2	10	19150	1	#0	16QAM	22.32	-6.09	16.23	PASS
NVNT	Band2	10	19150	1	#Mid	16QAM	22.31	-6.09	16.22	PASS

NVNT	Band2	10	19150	1	#Max	16QAM	22.34	-6.09	16.25	PASS
NVNT	Band2	10	19150	25	#0	16QAM	21.13	-6.09	15.04	PASS
NVNT	Band2	10	19150	25	#Mid	16QAM	21.14	-6.09	15.05	PASS
NVNT	Band2	10	19150	25	#Max	16QAM	21.11	-6.09	15.02	PASS
NVNT	Band2	10	19150	50	#0	16QAM	21.21	-6.09	15.12	PASS
NVNT	Band2	15	18675	1	#0	QPSK	23.50	-6.09	17.41	PASS
NVNT	Band2	15	18675	1	#Mid	QPSK	23.51	-6.09	17.42	PASS
NVNT	Band2	15	18675	1	#Max	QPSK	23.50	-6.09	17.41	PASS
NVNT	Band2	15	18675	36	#0	QPSK	22.43	-6.09	16.34	PASS
NVNT	Band2	15	18675	36	#Mid	QPSK	22.51	-6.09	16.42	PASS
NVNT	Band2	15	18675	36	#Max	QPSK	22.45	-6.09	16.36	PASS
NVNT	Band2	15	18675	75	#0	QPSK	22.54	-6.09	16.45	PASS
NVNT	Band2	15	18675	1	#0	16QAM	23.52	-6.09	17.43	PASS
NVNT	Band2	15	18675	1	#Mid	16QAM	23.63	-6.09	17.54	PASS
NVNT	Band2	15	18675	1	#Max	16QAM	23.67	-6.09	17.58	PASS
NVNT	Band2	15	18675	36	#0	16QAM	21.50	-6.09	15.41	PASS
NVNT	Band2	15	18675	36	#Mid	16QAM	21.39	-6.09	15.30	PASS
NVNT	Band2	15	18675	36	#Max	16QAM	21.56	-6.09	15.47	PASS
NVNT	Band2	15	18675	75	#0	16QAM	21.43	-6.09	15.34	PASS
NVNT	Band2	15	18900	1	#0	QPSK	23.48	-6.09	17.39	PASS
NVNT	Band2	15	18900	1	#Mid	QPSK	23.49	-6.09	17.40	PASS
NVNT	Band2	15	18900	1	#Max	QPSK	23.42	-6.09	17.33	PASS
NVNT	Band2	15	18900	36	#0	QPSK	22.55	-6.09	16.46	PASS
NVNT	Band2	15	18900	36	#Mid	QPSK	22.48	-6.09	16.39	PASS
NVNT	Band2	15	18900	36	#Max	QPSK	22.41	-6.09	16.32	PASS
NVNT	Band2	15	18900	75	#0	QPSK	22.52	-6.09	16.43	PASS
NVNT	Band2	15	18900	1	#0	16QAM	22.59	-6.09	16.50	PASS
NVNT	Band2	15	18900	1	#Mid	16QAM	22.50	-6.09	16.41	PASS
NVNT	Band2	15	18900	1	#Max	16QAM	22.51	-6.09	16.42	PASS
NVNT	Band2	15	18900	36	#0	16QAM	21.54	-6.09	15.45	PASS
NVNT	Band2	15	18900	36	#Mid	16QAM	21.58	-6.09	15.49	PASS
NVNT	Band2	15	18900	36	#Max	16QAM	21.37	-6.09	15.28	PASS
NVNT	Band2	15	18900	75	#0	16QAM	21.48	-6.09	15.39	PASS
NVNT	Band2	15	19125	1	#0	QPSK	23.44	-6.09	17.35	PASS
NVNT	Band2	15	19125	1	#Mid	QPSK	23.31	-6.09	17.22	PASS
NVNT	Band2	15	19125	1	#Max	QPSK	23.48	-6.09	17.39	PASS
NVNT	Band2	15	19125	36	#0	QPSK	22.36	-6.09	16.27	PASS
NVNT	Band2	15	19125	36	#Mid	QPSK	22.21	-6.09	16.12	PASS
NVNT	Band2	15	19125	36	#Max	QPSK	22.30	-6.09	16.21	PASS
NVNT	Band2	15	19125	75	#0	QPSK	22.16	-6.09	16.07	PASS
NVNT	Band2	15	19125	1	#0	16QAM	23.06	-6.09	16.97	PASS
NVNT	Band2	15	19125	1	#Mid	16QAM	22.73	-6.09	16.64	PASS

NVNT	Band2	15	19125	1	#Max	16QAM	23.11	-6.09	17.02	PASS
NVNT	Band2	15	19125	36	#0	16QAM	21.18	-6.09	15.09	PASS
NVNT	Band2	15	19125	36	#Mid	16QAM	21.15	-6.09	15.06	PASS
NVNT	Band2	15	19125	36	#Max	16QAM	21.14	-6.09	15.05	PASS
NVNT	Band2	15	19125	75	#0	16QAM	21.16	-6.09	15.07	PASS
NVNT	Band2	20	18700	1	#0	QPSK	23.55	-6.09	17.46	PASS
NVNT	Band2	20	18700	1	#Mid	QPSK	23.55	-6.09	17.46	PASS
NVNT	Band2	20	18700	1	#Max	QPSK	23.53	-6.09	17.44	PASS
NVNT	Band2	20	18700	50	#0	QPSK	22.46	-6.09	16.37	PASS
NVNT	Band2	20	18700	50	#Mid	QPSK	22.65	-6.09	16.56	PASS
NVNT	Band2	20	18700	50	#Max	QPSK	22.62	-6.09	16.53	PASS
NVNT	Band2	20	18700	100	#0	QPSK	22.57	-6.09	16.48	PASS
NVNT	Band2	20	18700	1	#0	16QAM	22.22	-6.09	16.13	PASS
NVNT	Band2	20	18700	1	#Mid	16QAM	22.22	-6.09	16.13	PASS
NVNT	Band2	20	18700	1	#Max	16QAM	22.13	-6.09	16.04	PASS
NVNT	Band2	20	18700	50	#0	16QAM	21.61	-6.09	15.52	PASS
NVNT	Band2	20	18700	50	#Mid	16QAM	21.50	-6.09	15.41	PASS
NVNT	Band2	20	18700	50	#Max	16QAM	21.60	-6.09	15.51	PASS
NVNT	Band2	20	18700	100	#0	16QAM	21.39	-6.09	15.30	PASS
NVNT	Band2	20	18900	1	#0	QPSK	23.68	-6.09	17.59	PASS
NVNT	Band2	20	18900	1	#Mid	QPSK	23.69	-6.09	17.60	PASS
NVNT	Band2	20	18900	1	#Max	QPSK	23.62	-6.09	17.53	PASS
NVNT	Band2	20	18900	50	#0	QPSK	22.59	-6.09	16.50	PASS
NVNT	Band2	20	18900	50	#Mid	QPSK	22.33	-6.09	16.24	PASS
NVNT	Band2	20	18900	50	#Max	QPSK	22.34	-6.09	16.25	PASS
NVNT	Band2	20	18900	100	#0	QPSK	22.43	-6.09	16.34	PASS
NVNT	Band2	20	18900	1	#0	16QAM	22.10	-6.09	16.01	PASS
NVNT	Band2	20	18900	1	#Mid	16QAM	22.10	-6.09	16.01	PASS
NVNT	Band2	20	18900	1	#Max	16QAM	22.30	-6.09	16.21	PASS
NVNT	Band2	20	18900	50	#0	16QAM	21.43	-6.09	15.34	PASS
NVNT	Band2	20	18900	50	#Mid	16QAM	21.53	-6.09	15.44	PASS
NVNT	Band2	20	18900	50	#Max	16QAM	21.40	-6.09	15.31	PASS
NVNT	Band2	20	18900	100	#0	16QAM	21.52	-6.09	15.43	PASS
NVNT	Band2	20	19100	1	#0	QPSK	23.62	-6.09	17.53	PASS
NVNT	Band2	20	19100	1	#Mid	QPSK	23.49	-6.09	17.40	PASS
NVNT	Band2	20	19100	1	#Max	QPSK	23.59	-6.09	17.50	PASS
NVNT	Band2	20	19100	50	#0	QPSK	22.24	-6.09	16.15	PASS
NVNT	Band2	20	19100	50	#Mid	QPSK	22.19	-6.09	16.10	PASS
NVNT	Band2	20	19100	50	#Max	QPSK	22.24	-6.09	16.15	PASS
NVNT	Band2	20	19100	100	#0	QPSK	22.27	-6.09	16.18	PASS
NVNT	Band2	20	19100	1	#0	16QAM	21.91	-6.09	15.82	PASS
NVNT	Band2	20	19100	1	#Mid	16QAM	21.77	-6.09	15.68	PASS

NVNT	Band2	20	19100	1	#Max	16QAM	21.88	-6.09	15.79	PASS
NVNT	Band2	20	19100	50	#0	16QAM	21.19	-6.09	15.10	PASS
NVNT	Band2	20	19100	50	#Mid	16QAM	21.19	-6.09	15.10	PASS
NVNT	Band2	20	19100	50	#Max	16QAM	21.11	-6.09	15.02	PASS
NVNT	Band2	20	19100	100	#0	16QAM	21.20	-6.09	15.11	PASS



Appendix 2.Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band2	1.4	18607	6	#0	QPSK	LV	NT	39.34	0.021	PASS
Band2	1.4	18607	6	#0	QPSK	NV	NT	23.46	0.013	PASS
Band2	1.4	18607	6	#0	QPSK	HV	NT	9.08	0.005	PASS
Band2	1.4	18607	6	#0	16QAM	LV	NT	-5.87	-0.003	PASS
Band2	1.4	18607	6	#0	16QAM	NV	NT	-10.96	-0.006	PASS
Band2	1.4	18607	6	#0	16QAM	HV	NT	-10.27	-0.006	PASS
Band2	1.4	18900	6	#0	QPSK	LV	NT	5.79	0.003	PASS
Band2	1.4	18900	6	#0	QPSK	NV	NT	-1.57	-0.001	PASS
Band2	1.4	18900	6	#0	QPSK	HV	NT	-0.89	0.000	PASS
Band2	1.4	18900	6	#0	16QAM	LV	NT	-6.37	-0.003	PASS
Band2	1.4	18900	6	#0	16QAM	NV	NT	-7.54	-0.004	PASS
Band2	1.4	18900	6	#0	16QAM	HV	NT	-10.01	-0.005	PASS
Band2	1.4	19193	6	#0	QPSK	LV	NT	-5.15	-0.003	PASS
Band2	1.4	19193	6	#0	QPSK	NV	NT	-10.76	-0.006	PASS
Band2	1.4	19193	6	#0	QPSK	HV	NT	-17.08	-0.009	PASS
Band2	1.4	19193	6	#0	16QAM	LV	NT	-18.73	-0.010	PASS
Band2	1.4	19193	6	#0	16QAM	NV	NT	-16.28	-0.009	PASS
Band2	1.4	19193	6	#0	16QAM	HV	NT	-14.33	-0.008	PASS
Band2	3	18615	15	#0	QPSK	LV	NT	34.85	0.019	PASS
Band2	3	18615	15	#0	QPSK	NV	NT	4.91	0.003	PASS
Band2	3	18615	15	#0	QPSK	HV	NT	-7.57	-0.004	PASS
Band2	3	18615	15	#0	16QAM	LV	NT	-21.51	-0.012	PASS
Band2	3	18615	15	#0	16QAM	NV	NT	-26.16	-0.014	PASS
Band2	3	18615	15	#0	16QAM	HV	NT	-24.69	-0.013	PASS
Band2	3	18900	15	#0	QPSK	LV	NT	5.55	0.003	PASS
Band2	3	18900	15	#0	QPSK	NV	NT	0.56	0.000	PASS
Band2	3	18900	15	#0	QPSK	HV	NT	-7.42	-0.004	PASS
Band2	3	18900	15	#0	16QAM	LV	NT	-13.60	-0.007	PASS
Band2	3	18900	15	#0	16QAM	NV	NT	-12.77	-0.007	PASS
Band2	3	18900	15	#0	16QAM	HV	NT	-9.78	-0.005	PASS
Band2	3	19185	15	#0	QPSK	LV	NT	17.92	0.009	PASS
Band2	3	19185	15	#0	QPSK	NV	NT	11.96	0.006	PASS
Band2	3	19185	15	#0	QPSK	HV	NT	7.54	0.004	PASS
Band2	3	19185	15	#0	16QAM	LV	NT	-1.22	-0.001	PASS
Band2	3	19185	15	#0	16QAM	NV	NT	3.35	0.002	PASS
Band2	3	19185	15	#0	16QAM	HV	NT	7.93	0.004	PASS
Band2	5	18625	25	#0	QPSK	LV	NT	-7.77	-0.004	PASS
Band2	5	18625	25	#0	QPSK	NV	NT	-27.92	-0.015	PASS

Band2	5	18625	25	#0	QPSK	HV	NT	-24.43	-0.013	PASS
Band2	5	18625	25	#0	16QAM	LV	NT	-6.91	-0.004	PASS
Band2	5	18625	25	#0	16QAM	NV	NT	-4.58	-0.002	PASS
Band2	5	18625	25	#0	16QAM	HV	NT	-1.17	-0.001	PASS
Band2	5	18900	25	#0	QPSK	LV	NT	8.44	0.004	PASS
Band2	5	18900	25	#0	QPSK	NV	NT	6.29	0.003	PASS
Band2	5	18900	25	#0	QPSK	HV	NT	-2.03	-0.001	PASS
Band2	5	18900	25	#0	16QAM	LV	NT	-2.72	-0.001	PASS
Band2	5	18900	25	#0	16QAM	NV	NT	-0.26	0.000	PASS
Band2	5	18900	25	#0	16QAM	HV	NT	1.00	0.001	PASS
Band2	5	19175	25	#0	QPSK	LV	NT	9.97	0.005	PASS
Band2	5	19175	25	#0	QPSK	NV	NT	-3.42	-0.002	PASS
Band2	5	19175	25	#0	QPSK	HV	NT	-13.25	-0.007	PASS
Band2	5	19175	25	#0	16QAM	LV	NT	-15.65	-0.008	PASS
Band2	5	19175	25	#0	16QAM	NV	NT	-16.74	-0.009	PASS
Band2	5	19175	25	#0	16QAM	HV	NT	-7.82	-0.004	PASS
Band2	10	18650	50	#0	QPSK	LV	NT	5.97	0.003	PASS
Band2	10	18650	50	#0	QPSK	NV	NT	-37.19	-0.020	PASS
Band2	10	18650	50	#0	QPSK	HV	NT	-15.64	-0.008	PASS
Band2	10	18650	50	#0	16QAM	LV	NT	-31.71	-0.017	PASS
Band2	10	18650	50	#0	16QAM	NV	NT	-35.43	-0.019	PASS
Band2	10	18650	50	#0	16QAM	HV	NT	-34.80	-0.019	PASS
Band2	10	18900	50	#0	QPSK	LV	NT	10.99	0.006	PASS
Band2	10	18900	50	#0	QPSK	NV	NT	1.89	0.001	PASS
Band2	10	18900	50	#0	QPSK	HV	NT	-5.02	-0.003	PASS
Band2	10	18900	50	#0	16QAM	LV	NT	-8.75	-0.005	PASS
Band2	10	18900	50	#0	16QAM	NV	NT	-7.71	-0.004	PASS
Band2	10	18900	50	#0	16QAM	HV	NT	-4.76	-0.003	PASS
Band2	10	19150	50	#0	QPSK	LV	NT	8.27	0.004	PASS
Band2	10	19150	50	#0	QPSK	NV	NT	-6.87	-0.004	PASS
Band2	10	19150	50	#0	QPSK	HV	NT	-9.30	-0.005	PASS
Band2	10	19150	50	#0	16QAM	LV	NT	-15.21	-0.008	PASS
Band2	10	19150	50	#0	16QAM	NV	NT	-9.87	-0.005	PASS
Band2	10	19150	50	#0	16QAM	HV	NT	-12.40	-0.007	PASS
Band2	15	18675	75	#0	QPSK	LV	NT	6.17	0.003	PASS
Band2	15	18675	75	#0	QPSK	NV	NT	-25.21	-0.014	PASS
Band2	15	18675	75	#0	QPSK	HV	NT	-17.37	-0.009	PASS
Band2	15	18675	75	#0	16QAM	LV	NT	-25.23	-0.014	PASS
Band2	15	18675	75	#0	16QAM	NV	NT	-21.20	-0.011	PASS
Band2	15	18675	75	#0	16QAM	HV	NT	-17.19	-0.009	PASS
Band2	15	18900	75	#0	QPSK	LV	NT	11.07	0.006	PASS
Band2	15	18900	75	#0	QPSK	NV	NT	-4.25	-0.002	PASS

Band2	15	18900	75	#0	QPSK	HV	NT	-6.19	-0.003	PASS
Band2	15	18900	75	#0	16QAM	LV	NT	-8.14	-0.004	PASS
Band2	15	18900	75	#0	16QAM	NV	NT	-0.19	0.000	PASS
Band2	15	18900	75	#0	16QAM	HV	NT	0.23	0.000	PASS
Band2	15	19125	75	#0	QPSK	LV	NT	1.26	0.001	PASS
Band2	15	19125	75	#0	QPSK	NV	NT	-15.26	-0.008	PASS
Band2	15	19125	75	#0	QPSK	HV	NT	-15.68	-0.008	PASS
Band2	15	19125	75	#0	16QAM	LV	NT	-21.82	-0.011	PASS
Band2	15	19125	75	#0	16QAM	NV	NT	-15.22	-0.008	PASS
Band2	15	19125	75	#0	16QAM	HV	NT	-17.94	-0.009	PASS
Band2	20	18700	100	#0	QPSK	LV	NT	27.89	0.015	PASS
Band2	20	18700	100	#0	QPSK	NV	NT	-4.16	-0.002	PASS
Band2	20	18700	100	#0	QPSK	HV	NT	-16.16	-0.009	PASS
Band2	20	18700	100	#0	16QAM	LV	NT	-17.07	-0.009	PASS
Band2	20	18700	100	#0	16QAM	NV	NT	-10.73	-0.006	PASS
Band2	20	18700	100	#0	16QAM	HV	NT	-10.13	-0.005	PASS
Band2	20	18900	100	#0	QPSK	LV	NT	8.33	0.004	PASS
Band2	20	18900	100	#0	QPSK	NV	NT	-3.48	-0.002	PASS
Band2	20	18900	100	#0	QPSK	HV	NT	-9.01	-0.005	PASS
Band2	20	18900	100	#0	16QAM	LV	NT	-3.72	-0.002	PASS
Band2	20	18900	100	#0	16QAM	NV	NT	1.09	0.001	PASS
Band2	20	18900	100	#0	16QAM	HV	NT	5.04	0.003	PASS
Band2	20	19100	100	#0	QPSK	LV	NT	11.86	0.006	PASS
Band2	20	19100	100	#0	QPSK	NV	NT	-0.16	0.000	PASS
Band2	20	19100	100	#0	QPSK	HV	NT	-4.56	-0.002	PASS
Band2	20	19100	100	#0	16QAM	LV	NT	1.67	0.001	PASS
Band2	20	19100	100	#0	16QAM	NV	NT	7.81	0.004	PASS
Band2	20	19100	100	#0	16QAM	HV	NT	10.66	0.006	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band2	1.4	18607	6	#0	QPSK	NV	-30	-26.54	-0.014	PASS
Band2	1.4	18607	6	#0	QPSK	NV	-20	-1.63	-0.001	PASS
Band2	1.4	18607	6	#0	QPSK	NV	0	-16.48	-0.009	PASS
Band2	1.4	18607	6	#0	QPSK	NV	10	-46.63	-0.025	PASS
Band2	1.4	18607	6	#0	QPSK	NV	20	-43.49	-0.023	PASS
Band2	1.4	18607	6	#0	QPSK	NV	30	-35.99	-0.019	PASS
Band2	1.4	18607	6	#0	QPSK	NV	40	-23.62	-0.013	PASS
Band2	1.4	18607	6	#0	QPSK	NV	50	-20.11	-0.011	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-30	-40.44	-0.022	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-20	-44.25	-0.024	PASS
Band2	1.4	18607	6	#0	16QAM	NV	0	-44.70	-0.024	PASS

Band2	1.4	18607	6	#0	16QAM	NV	10	-24.73	-0.013	PASS
Band2	1.4	18607	6	#0	16QAM	NV	20	-28.92	-0.016	PASS
Band2	1.4	18607	6	#0	16QAM	NV	30	-28.80	-0.016	PASS
Band2	1.4	18607	6	#0	16QAM	NV	40	-44.89	-0.024	PASS
Band2	1.4	18607	6	#0	16QAM	NV	50	-43.92	-0.024	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-30	-36.31	-0.019	PASS
Band2	1.4	18900	6	#0	QPSK	NV	-20	-23.65	-0.013	PASS
Band2	1.4	18900	6	#0	QPSK	NV	0	-45.45	-0.024	PASS
Band2	1.4	18900	6	#0	QPSK	NV	10	-43.44	-0.023	PASS
Band2	1.4	18900	6	#0	QPSK	NV	20	-12.89	-0.007	PASS
Band2	1.4	18900	6	#0	QPSK	NV	30	-31.13	-0.017	PASS
Band2	1.4	18900	6	#0	QPSK	NV	40	-45.91	-0.024	PASS
Band2	1.4	18900	6	#0	QPSK	NV	50	-49.34	-0.026	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-30	-31.37	-0.017	PASS
Band2	1.4	18900	6	#0	16QAM	NV	-20	-28.04	-0.015	PASS
Band2	1.4	18900	6	#0	16QAM	NV	0	-9.41	-0.005	PASS
Band2	1.4	18900	6	#0	16QAM	NV	10	-41.24	-0.022	PASS
Band2	1.4	18900	6	#0	16QAM	NV	20	-24.26	-0.013	PASS
Band2	1.4	18900	6	#0	16QAM	NV	30	-31.57	-0.017	PASS
Band2	1.4	18900	6	#0	16QAM	NV	40	-29.70	-0.016	PASS
Band2	1.4	18900	6	#0	16QAM	NV	50	-4.43	-0.002	PASS
Band2	1.4	19193	6	#0	QPSK	NV	-30	-27.41	-0.014	PASS
Band2	1.4	19193	6	#0	QPSK	NV	-20	-45.05	-0.024	PASS
Band2	1.4	19193	6	#0	QPSK	NV	0	-47.18	-0.025	PASS
Band2	1.4	19193	6	#0	QPSK	NV	10	-14.76	-0.008	PASS
Band2	1.4	19193	6	#0	QPSK	NV	20	-44.23	-0.023	PASS
Band2	1.4	19193	6	#0	QPSK	NV	30	-33.40	-0.017	PASS
Band2	1.4	19193	6	#0	QPSK	NV	40	-54.03	-0.028	PASS
Band2	1.4	19193	6	#0	QPSK	NV	50	-8.70	-0.005	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-30	-31.71	-0.017	PASS
Band2	1.4	19193	6	#0	16QAM	NV	-20	-14.53	-0.008	PASS
Band2	1.4	19193	6	#0	16QAM	NV	0	-24.13	-0.013	PASS
Band2	1.4	19193	6	#0	16QAM	NV	10	-35.29	-0.018	PASS
Band2	1.4	19193	6	#0	16QAM	NV	20	-48.04	-0.025	PASS
Band2	1.4	19193	6	#0	16QAM	NV	30	-7.70	-0.004	PASS
Band2	1.4	19193	6	#0	16QAM	NV	40	-19.47	-0.010	PASS
Band2	1.4	19193	6	#0	16QAM	NV	50	-32.64	-0.017	PASS
Band2	3	18615	15	#0	QPSK	NV	-30	36.38	0.020	PASS
Band2	3	18615	15	#0	QPSK	NV	-20	20.14	0.011	PASS
Band2	3	18615	15	#0	QPSK	NV	0	1.85	0.001	PASS
Band2	3	18615	15	#0	QPSK	NV	10	-17.67	-0.010	PASS
Band2	3	18615	15	#0	QPSK	NV	20	-29.01	-0.016	PASS

Band2	3	18615	15	#0	QPSK	NV	30	-40.98	-0.022	PASS
Band2	3	18615	15	#0	QPSK	NV	40	-49.30	-0.027	PASS
Band2	3	18615	15	#0	QPSK	NV	50	-3.46	-0.002	PASS
Band2	3	18615	15	#0	16QAM	NV	-30	-7.28	-0.004	PASS
Band2	3	18615	15	#0	16QAM	NV	-20	-8.70	-0.005	PASS
Band2	3	18615	15	#0	16QAM	NV	0	-12.29	-0.007	PASS
Band2	3	18615	15	#0	16QAM	NV	10	-12.90	-0.007	PASS
Band2	3	18615	15	#0	16QAM	NV	20	-12.89	-0.007	PASS
Band2	3	18615	15	#0	16QAM	NV	30	-18.30	-0.010	PASS
Band2	3	18615	15	#0	16QAM	NV	40	-17.95	-0.010	PASS
Band2	3	18615	15	#0	16QAM	NV	50	-19.78	-0.011	PASS
Band2	3	18900	15	#0	QPSK	NV	-30	15.34	0.008	PASS
Band2	3	18900	15	#0	QPSK	NV	-20	11.57	0.006	PASS
Band2	3	18900	15	#0	QPSK	NV	0	3.59	0.002	PASS
Band2	3	18900	15	#0	QPSK	NV	10	1.77	0.001	PASS
Band2	3	18900	15	#0	QPSK	NV	20	-1.66	-0.001	PASS
Band2	3	18900	15	#0	QPSK	NV	30	-1.42	-0.001	PASS
Band2	3	18900	15	#0	QPSK	NV	40	2.23	0.001	PASS
Band2	3	18900	15	#0	QPSK	NV	50	5.87	0.003	PASS
Band2	3	18900	15	#0	16QAM	NV	-30	8.75	0.005	PASS
Band2	3	18900	15	#0	16QAM	NV	-20	16.37	0.009	PASS
Band2	3	18900	15	#0	16QAM	NV	0	23.19	0.012	PASS
Band2	3	18900	15	#0	16QAM	NV	10	29.23	0.016	PASS
Band2	3	18900	15	#0	16QAM	NV	20	38.15	0.020	PASS
Band2	3	18900	15	#0	16QAM	NV	30	36.71	0.020	PASS
Band2	3	18900	15	#0	16QAM	NV	40	45.02	0.024	PASS
Band2	3	18900	15	#0	16QAM	NV	50	44.72	0.024	PASS
Band2	3	19185	15	#0	QPSK	NV	-30	26.14	0.014	PASS
Band2	3	19185	15	#0	QPSK	NV	-20	21.97	0.012	PASS
Band2	3	19185	15	#0	QPSK	NV	0	21.69	0.011	PASS
Band2	3	19185	15	#0	QPSK	NV	10	24.73	0.013	PASS
Band2	3	19185	15	#0	QPSK	NV	20	29.74	0.016	PASS
Band2	3	19185	15	#0	QPSK	NV	30	40.44	0.021	PASS
Band2	3	19185	15	#0	QPSK	NV	40	48.07	0.025	PASS
Band2	3	19185	15	#0	QPSK	NV	50	10.83	0.006	PASS
Band2	3	19185	15	#0	16QAM	NV	-30	11.72	0.006	PASS
Band2	3	19185	15	#0	16QAM	NV	-20	30.01	0.016	PASS
Band2	3	19185	15	#0	16QAM	NV	0	38.35	0.020	PASS
Band2	3	19185	15	#0	16QAM	NV	10	29.84	0.016	PASS
Band2	3	19185	15	#0	16QAM	NV	20	37.34	0.020	PASS
Band2	3	19185	15	#0	16QAM	NV	30	47.34	0.025	PASS
Band2	3	19185	15	#0	16QAM	NV	40	-5.25	-0.003	PASS

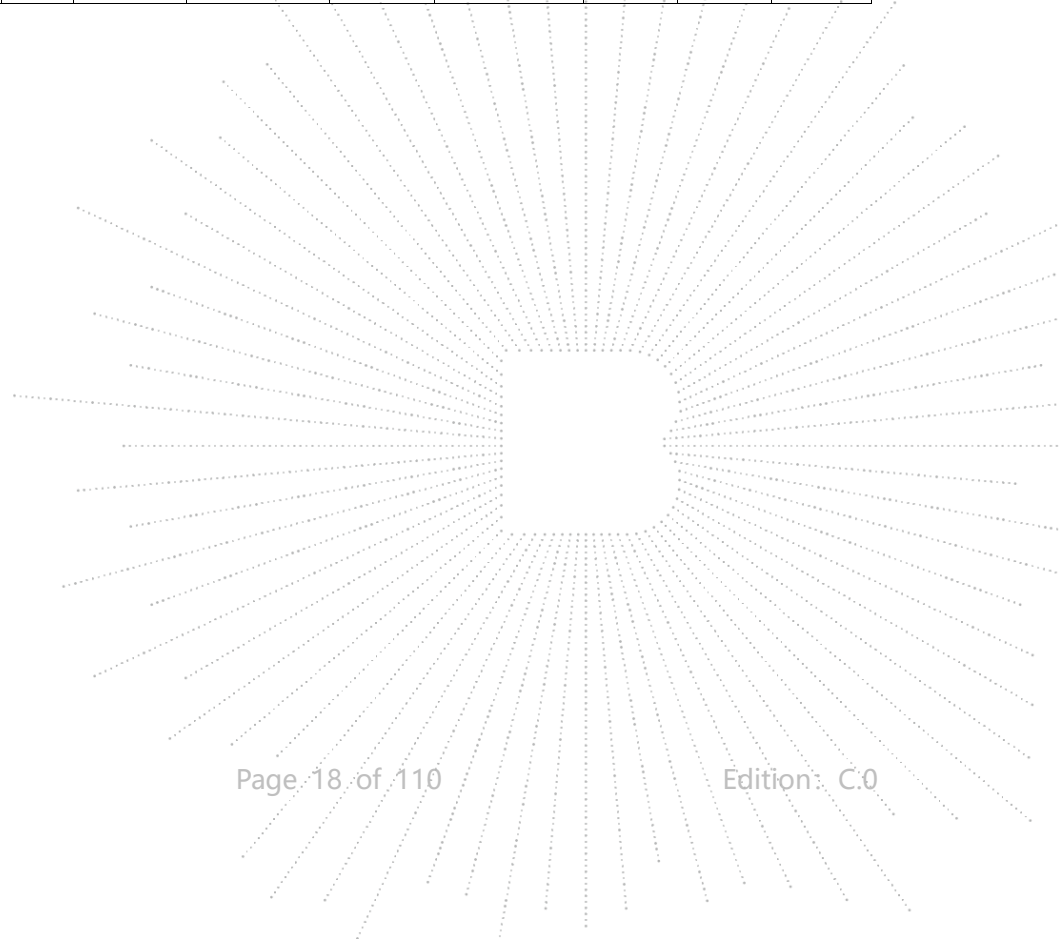
Band2	3	19185	15	#0	16QAM	NV	50	2.99	0.002	PASS
Band2	5	18625	25	#0	QPSK	NV	-30	8.78	0.005	PASS
Band2	5	18625	25	#0	QPSK	NV	-20	-22.86	-0.012	PASS
Band2	5	18625	25	#0	QPSK	NV	0	-44.82	-0.024	PASS
Band2	5	18625	25	#0	QPSK	NV	10	-46.75	-0.025	PASS
Band2	5	18625	25	#0	QPSK	NV	20	-44.52	-0.024	PASS
Band2	5	18625	25	#0	QPSK	NV	30	-28.71	-0.015	PASS
Band2	5	18625	25	#0	QPSK	NV	40	-14.12	-0.008	PASS
Band2	5	18625	25	#0	QPSK	NV	50	-2.10	-0.001	PASS
Band2	5	18625	25	#0	16QAM	NV	-30	10.11	0.005	PASS
Band2	5	18625	25	#0	16QAM	NV	-20	23.35	0.013	PASS
Band2	5	18625	25	#0	16QAM	NV	0	26.02	0.014	PASS
Band2	5	18625	25	#0	16QAM	NV	10	13.85	0.007	PASS
Band2	5	18625	25	#0	16QAM	NV	20	21.39	0.012	PASS
Band2	5	18625	25	#0	16QAM	NV	30	25.36	0.014	PASS
Band2	5	18625	25	#0	16QAM	NV	40	30.38	0.016	PASS
Band2	5	18625	25	#0	16QAM	NV	50	41.11	0.022	PASS
Band2	5	18900	25	#0	QPSK	NV	-30	10.23	0.005	PASS
Band2	5	18900	25	#0	QPSK	NV	-20	8.38	0.004	PASS
Band2	5	18900	25	#0	QPSK	NV	0	18.45	0.010	PASS
Band2	5	18900	25	#0	QPSK	NV	10	31.49	0.017	PASS
Band2	5	18900	25	#0	QPSK	NV	20	40.90	0.022	PASS
Band2	5	18900	25	#0	QPSK	NV	30	27.54	0.015	PASS
Band2	5	18900	25	#0	QPSK	NV	40	8.60	0.005	PASS
Band2	5	18900	25	#0	QPSK	NV	50	15.68	0.008	PASS
Band2	5	18900	25	#0	16QAM	NV	-30	41.20	0.022	PASS
Band2	5	18900	25	#0	16QAM	NV	-20	12.79	0.007	PASS
Band2	5	18900	25	#0	16QAM	NV	0	30.87	0.016	PASS
Band2	5	18900	25	#0	16QAM	NV	10	45.55	0.024	PASS
Band2	5	18900	25	#0	16QAM	NV	20	10.53	0.006	PASS
Band2	5	18900	25	#0	16QAM	NV	30	21.63	0.012	PASS
Band2	5	18900	25	#0	16QAM	NV	40	33.77	0.018	PASS
Band2	5	18900	25	#0	16QAM	NV	50	-3.13	-0.002	PASS
Band2	5	19175	25	#0	QPSK	NV	-30	2.30	0.001	PASS
Band2	5	19175	25	#0	QPSK	NV	-20	5.98	0.003	PASS
Band2	5	19175	25	#0	QPSK	NV	0	17.17	0.009	PASS
Band2	5	19175	25	#0	QPSK	NV	10	36.65	0.019	PASS
Band2	5	19175	25	#0	QPSK	NV	20	21.79	0.011	PASS
Band2	5	19175	25	#0	QPSK	NV	30	45.60	0.024	PASS
Band2	5	19175	25	#0	QPSK	NV	40	31.47	0.016	PASS
Band2	5	19175	25	#0	QPSK	NV	50	10.70	0.006	PASS
Band2	5	19175	25	#0	16QAM	NV	-30	36.44	0.019	PASS

Band2	5	19175	25	#0	16QAM	NV	-20	19.03	0.010	PASS
Band2	5	19175	25	#0	16QAM	NV	0	27.05	0.014	PASS
Band2	5	19175	25	#0	16QAM	NV	10	12.00	0.006	PASS
Band2	5	19175	25	#0	16QAM	NV	20	27.12	0.014	PASS
Band2	5	19175	25	#0	16QAM	NV	30	46.15	0.024	PASS
Band2	5	19175	25	#0	16QAM	NV	40	10.00	0.005	PASS
Band2	5	19175	25	#0	16QAM	NV	50	24.48	0.013	PASS
Band2	10	18650	50	#0	QPSK	NV	-30	-19.15	-0.010	PASS
Band2	10	18650	50	#0	QPSK	NV	-20	-15.26	-0.008	PASS
Band2	10	18650	50	#0	QPSK	NV	0	-22.40	-0.012	PASS
Band2	10	18650	50	#0	QPSK	NV	10	-12.72	-0.007	PASS
Band2	10	18650	50	#0	QPSK	NV	20	10.13	0.005	PASS
Band2	10	18650	50	#0	QPSK	NV	30	37.88	0.020	PASS
Band2	10	18650	50	#0	QPSK	NV	40	5.44	0.003	PASS
Band2	10	18650	50	#0	QPSK	NV	50	31.39	0.017	PASS
Band2	10	18650	50	#0	16QAM	NV	-30	24.08	0.013	PASS
Band2	10	18650	50	#0	16QAM	NV	-20	19.68	0.011	PASS
Band2	10	18650	50	#0	16QAM	NV	0	41.00	0.022	PASS
Band2	10	18650	50	#0	16QAM	NV	10	-4.32	-0.002	PASS
Band2	10	18650	50	#0	16QAM	NV	20	7.51	0.004	PASS
Band2	10	18650	50	#0	16QAM	NV	30	17.64	0.010	PASS
Band2	10	18650	50	#0	16QAM	NV	40	30.06	0.016	PASS
Band2	10	18650	50	#0	16QAM	NV	50	35.12	0.019	PASS
Band2	10	18900	50	#0	QPSK	NV	-30	11.40	0.006	PASS
Band2	10	18900	50	#0	QPSK	NV	-20	13.65	0.007	PASS
Band2	10	18900	50	#0	QPSK	NV	0	29.54	0.016	PASS
Band2	10	18900	50	#0	QPSK	NV	10	9.73	0.005	PASS
Band2	10	18900	50	#0	QPSK	NV	20	29.83	0.016	PASS
Band2	10	18900	50	#0	QPSK	NV	30	34.46	0.018	PASS
Band2	10	18900	50	#0	QPSK	NV	40	15.26	0.008	PASS
Band2	10	18900	50	#0	QPSK	NV	50	20.48	0.011	PASS
Band2	10	18900	50	#0	16QAM	NV	-30	30.51	0.016	PASS
Band2	10	18900	50	#0	16QAM	NV	-20	25.52	0.014	PASS
Band2	10	18900	50	#0	16QAM	NV	0	10.83	0.006	PASS
Band2	10	18900	50	#0	16QAM	NV	10	26.69	0.014	PASS
Band2	10	18900	50	#0	16QAM	NV	20	40.80	0.022	PASS
Band2	10	18900	50	#0	16QAM	NV	30	16.87	0.009	PASS
Band2	10	18900	50	#0	16QAM	NV	40	16.14	0.009	PASS
Band2	10	18900	50	#0	16QAM	NV	50	34.72	0.018	PASS
Band2	10	19150	50	#0	QPSK	NV	-30	24.63	0.013	PASS
Band2	10	19150	50	#0	QPSK	NV	-20	33.40	0.018	PASS
Band2	10	19150	50	#0	QPSK	NV	0	9.41	0.005	PASS

Band2	10	19150	50	#0	QPSK	NV	10	33.63	0.018	PASS
Band2	10	19150	50	#0	QPSK	NV	20	38.28	0.020	PASS
Band2	10	19150	50	#0	QPSK	NV	30	30.46	0.016	PASS
Band2	10	19150	50	#0	QPSK	NV	40	33.69	0.018	PASS
Band2	10	19150	50	#0	QPSK	NV	50	20.46	0.011	PASS
Band2	10	19150	50	#0	16QAM	NV	-30	36.91	0.019	PASS
Band2	10	19150	50	#0	16QAM	NV	-20	22.96	0.012	PASS
Band2	10	19150	50	#0	16QAM	NV	0	25.84	0.014	PASS
Band2	10	19150	50	#0	16QAM	NV	10	38.58	0.020	PASS
Band2	10	19150	50	#0	16QAM	NV	20	-7.27	-0.004	PASS
Band2	10	19150	50	#0	16QAM	NV	30	15.13	0.008	PASS
Band2	10	19150	50	#0	16QAM	NV	40	29.47	0.015	PASS
Band2	10	19150	50	#0	16QAM	NV	50	30.51	0.016	PASS
Band2	15	18675	75	#0	QPSK	NV	-30	-29.90	-0.016	PASS
Band2	15	18675	75	#0	QPSK	NV	-20	-15.62	-0.008	PASS
Band2	15	18675	75	#0	QPSK	NV	0	26.32	0.014	PASS
Band2	15	18675	75	#0	QPSK	NV	10	8.63	0.005	PASS
Band2	15	18675	75	#0	QPSK	NV	20	27.14	0.015	PASS
Band2	15	18675	75	#0	QPSK	NV	30	22.09	0.012	PASS
Band2	15	18675	75	#0	QPSK	NV	40	24.70	0.013	PASS
Band2	15	18675	75	#0	QPSK	NV	50	22.99	0.012	PASS
Band2	15	18675	75	#0	16QAM	NV	-30	22.77	0.012	PASS
Band2	15	18675	75	#0	16QAM	NV	-20	35.43	0.019	PASS
Band2	15	18675	75	#0	16QAM	NV	0	22.97	0.012	PASS
Band2	15	18675	75	#0	16QAM	NV	10	26.52	0.014	PASS
Band2	15	18675	75	#0	16QAM	NV	20	30.26	0.016	PASS
Band2	15	18675	75	#0	16QAM	NV	30	35.68	0.019	PASS
Band2	15	18675	75	#0	16QAM	NV	40	36.09	0.019	PASS
Band2	15	18675	75	#0	16QAM	NV	50	37.16	0.020	PASS
Band2	15	18900	75	#0	QPSK	NV	-30	8.58	0.005	PASS
Band2	15	18900	75	#0	QPSK	NV	-20	20.56	0.011	PASS
Band2	15	18900	75	#0	QPSK	NV	0	31.49	0.017	PASS
Band2	15	18900	75	#0	QPSK	NV	10	25.88	0.014	PASS
Band2	15	18900	75	#0	QPSK	NV	20	31.96	0.017	PASS
Band2	15	18900	75	#0	QPSK	NV	30	28.94	0.015	PASS
Band2	15	18900	75	#0	QPSK	NV	40	36.13	0.019	PASS
Band2	15	18900	75	#0	QPSK	NV	50	29.60	0.016	PASS
Band2	15	18900	75	#0	16QAM	NV	-30	33.69	0.018	PASS
Band2	15	18900	75	#0	16QAM	NV	-20	28.52	0.015	PASS
Band2	15	18900	75	#0	16QAM	NV	0	12.65	0.007	PASS
Band2	15	18900	75	#0	16QAM	NV	10	27.75	0.015	PASS
Band2	15	18900	75	#0	16QAM	NV	20	40.83	0.022	PASS

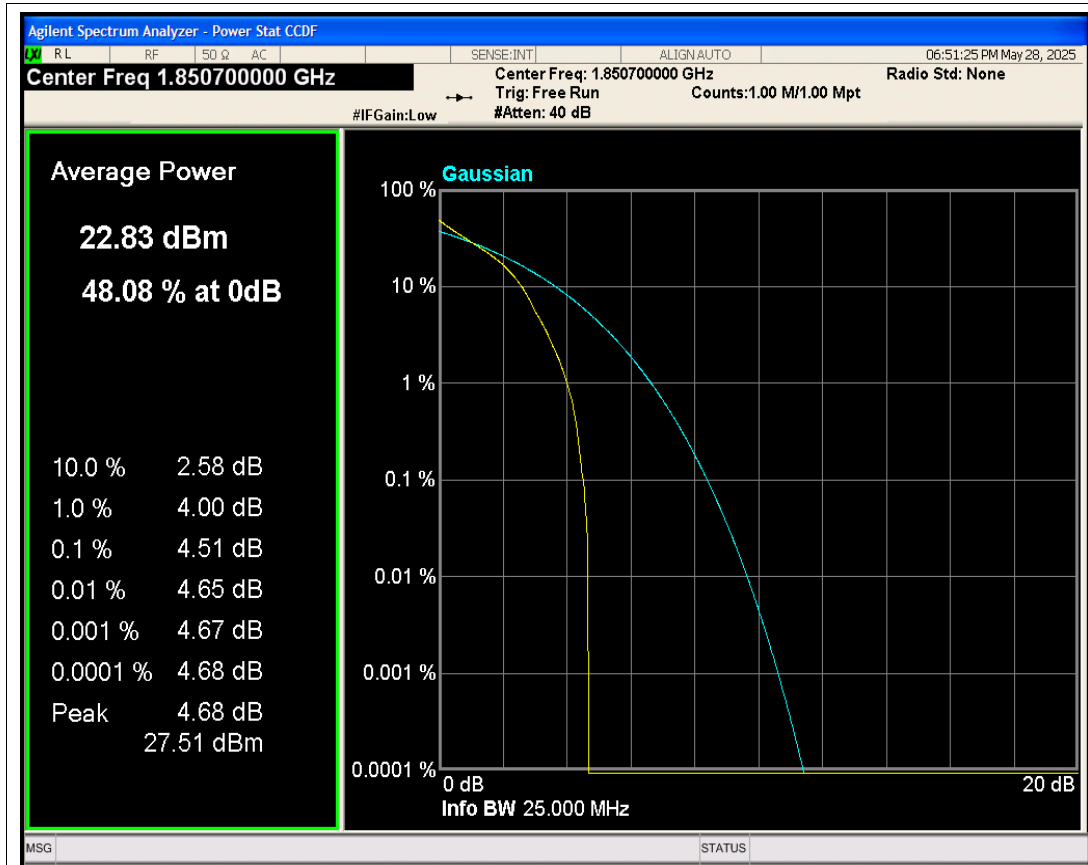
Band2	15	18900	75	#0	16QAM	NV	30	12.97	0.007	PASS
Band2	15	18900	75	#0	16QAM	NV	40	16.92	0.009	PASS
Band2	15	18900	75	#0	16QAM	NV	50	17.70	0.009	PASS
Band2	15	19125	75	#0	QPSK	NV	-30	-0.54	0.000	PASS
Band2	15	19125	75	#0	QPSK	NV	-20	15.49	0.008	PASS
Band2	15	19125	75	#0	QPSK	NV	0	18.37	0.010	PASS
Band2	15	19125	75	#0	QPSK	NV	10	29.84	0.016	PASS
Band2	15	19125	75	#0	QPSK	NV	20	21.13	0.011	PASS
Band2	15	19125	75	#0	QPSK	NV	30	39.10	0.021	PASS
Band2	15	19125	75	#0	QPSK	NV	40	23.15	0.012	PASS
Band2	15	19125	75	#0	QPSK	NV	50	10.96	0.006	PASS
Band2	15	19125	75	#0	16QAM	NV	-30	22.36	0.012	PASS
Band2	15	19125	75	#0	16QAM	NV	-20	42.00	0.022	PASS
Band2	15	19125	75	#0	16QAM	NV	0	16.41	0.009	PASS
Band2	15	19125	75	#0	16QAM	NV	10	38.11	0.020	PASS
Band2	15	19125	75	#0	16QAM	NV	20	-5.72	-0.003	PASS
Band2	15	19125	75	#0	16QAM	NV	30	-3.81	-0.002	PASS
Band2	15	19125	75	#0	16QAM	NV	40	5.44	0.003	PASS
Band2	15	19125	75	#0	16QAM	NV	50	21.23	0.011	PASS
Band2	20	18700	100	#0	QPSK	NV	-30	-35.73	-0.019	PASS
Band2	20	18700	100	#0	QPSK	NV	-20	-25.53	-0.014	PASS
Band2	20	18700	100	#0	QPSK	NV	0	-2.49	-0.001	PASS
Band2	20	18700	100	#0	QPSK	NV	10	23.42	0.013	PASS
Band2	20	18700	100	#0	QPSK	NV	20	20.69	0.011	PASS
Band2	20	18700	100	#0	QPSK	NV	30	28.94	0.016	PASS
Band2	20	18700	100	#0	QPSK	NV	40	26.66	0.014	PASS
Band2	20	18700	100	#0	QPSK	NV	50	24.88	0.013	PASS
Band2	20	18700	100	#0	16QAM	NV	-30	24.98	0.013	PASS
Band2	20	18700	100	#0	16QAM	NV	-20	26.44	0.014	PASS
Band2	20	18700	100	#0	16QAM	NV	0	3.69	0.002	PASS
Band2	20	18700	100	#0	16QAM	NV	10	5.54	0.003	PASS
Band2	20	18700	100	#0	16QAM	NV	20	9.88	0.005	PASS
Band2	20	18700	100	#0	16QAM	NV	30	18.17	0.010	PASS
Band2	20	18700	100	#0	16QAM	NV	40	20.77	0.011	PASS
Band2	20	18700	100	#0	16QAM	NV	50	34.35	0.018	PASS
Band2	20	18900	100	#0	QPSK	NV	-30	21.73	0.012	PASS
Band2	20	18900	100	#0	QPSK	NV	-20	17.87	0.010	PASS
Band2	20	18900	100	#0	QPSK	NV	0	30.31	0.016	PASS
Band2	20	18900	100	#0	QPSK	NV	10	31.77	0.017	PASS
Band2	20	18900	100	#0	QPSK	NV	20	30.31	0.016	PASS
Band2	20	18900	100	#0	QPSK	NV	30	23.78	0.013	PASS
Band2	20	18900	100	#0	QPSK	NV	40	23.10	0.012	PASS

Band2	20	18900	100	#0	QPSK	NV	50	25.45	0.014	PASS
Band2	20	18900	100	#0	16QAM	NV	-30	13.22	0.007	PASS
Band2	20	18900	100	#0	16QAM	NV	-20	21.82	0.012	PASS
Band2	20	18900	100	#0	16QAM	NV	0	27.64	0.015	PASS
Band2	20	18900	100	#0	16QAM	NV	10	19.41	0.010	PASS
Band2	20	18900	100	#0	16QAM	NV	20	22.56	0.012	PASS
Band2	20	18900	100	#0	16QAM	NV	30	34.53	0.018	PASS
Band2	20	18900	100	#0	16QAM	NV	40	37.54	0.020	PASS
Band2	20	18900	100	#0	16QAM	NV	50	12.06	0.006	PASS
Band2	20	19100	100	#0	QPSK	NV	-30	3.91	0.002	PASS
Band2	20	19100	100	#0	QPSK	NV	-20	10.70	0.006	PASS
Band2	20	19100	100	#0	QPSK	NV	0	20.37	0.011	PASS
Band2	20	19100	100	#0	QPSK	NV	10	18.57	0.010	PASS
Band2	20	19100	100	#0	QPSK	NV	20	29.01	0.015	PASS
Band2	20	19100	100	#0	QPSK	NV	30	22.82	0.012	PASS
Band2	20	19100	100	#0	QPSK	NV	40	10.46	0.006	PASS
Band2	20	19100	100	#0	QPSK	NV	50	28.90	0.015	PASS
Band2	20	19100	100	#0	16QAM	NV	-30	29.57	0.016	PASS
Band2	20	19100	100	#0	16QAM	NV	-20	21.31	0.011	PASS
Band2	20	19100	100	#0	16QAM	NV	0	33.80	0.018	PASS
Band2	20	19100	100	#0	16QAM	NV	10	41.64	0.022	PASS
Band2	20	19100	100	#0	16QAM	NV	20	48.09	0.025	PASS
Band2	20	19100	100	#0	16QAM	NV	30	22.30	0.012	PASS
Band2	20	19100	100	#0	16QAM	NV	40	9.47	0.005	PASS
Band2	20	19100	100	#0	16QAM	NV	50	27.24	0.014	PASS

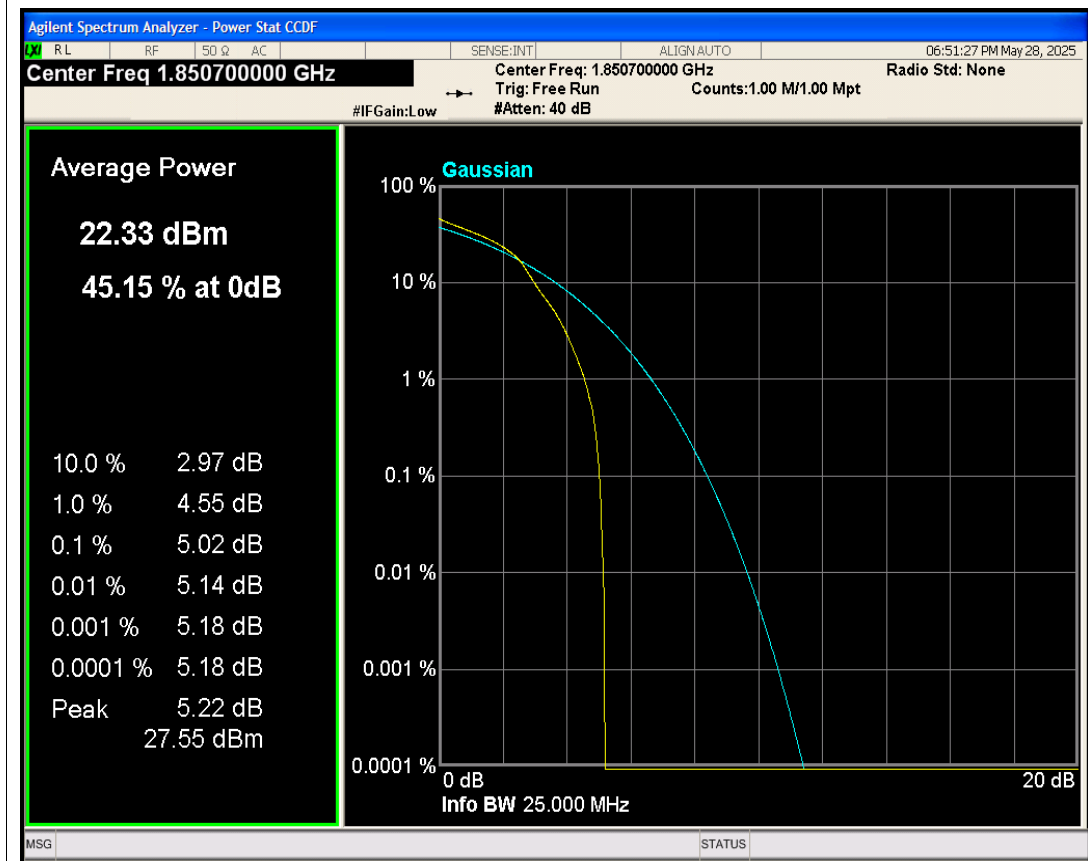


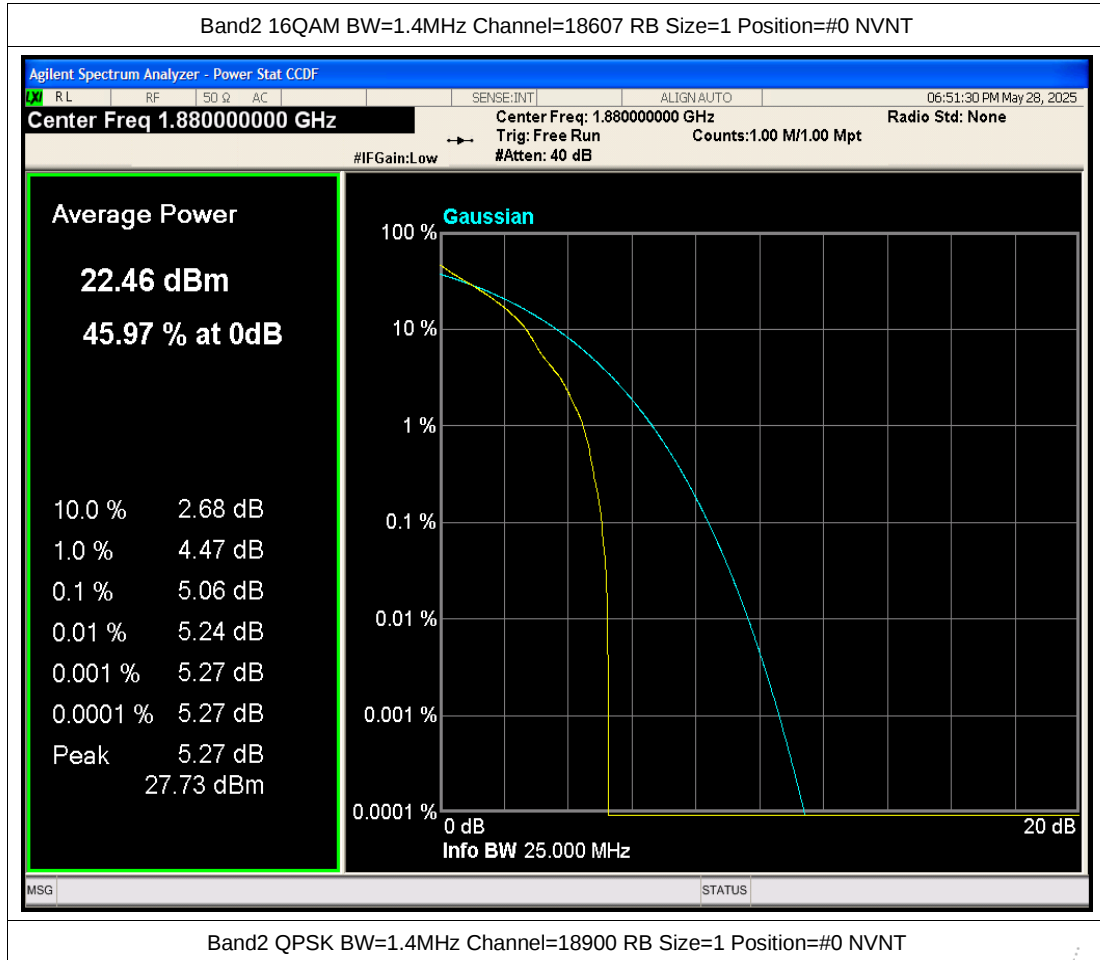
Appendix 3. Peak-to-Average Ratio

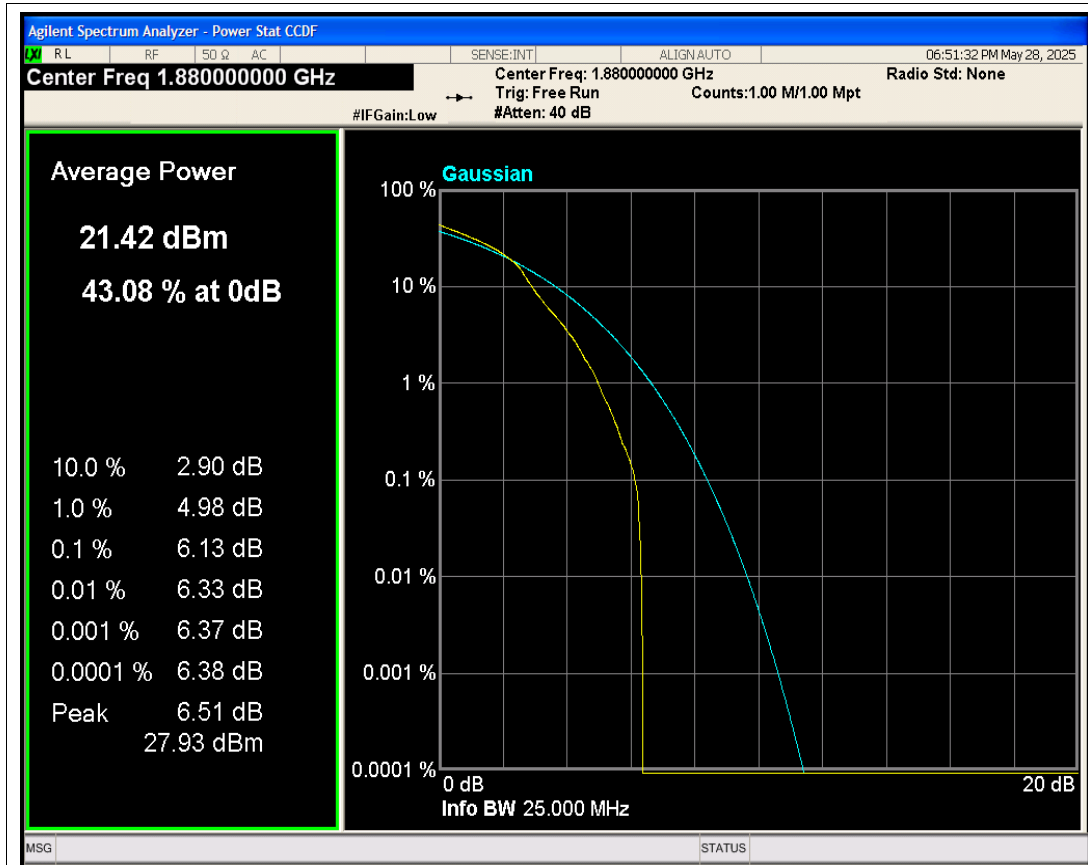
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band2	1.4	18607	1	#0	QPSK	4.51	13	PASS
NVNT	Band2	1.4	18607	1	#0	16QAM	5.02	13	PASS
NVNT	Band2	1.4	18900	1	#0	QPSK	5.06	13	PASS
NVNT	Band2	1.4	18900	1	#0	16QAM	6.13	13	PASS
NVNT	Band2	1.4	19193	1	#0	QPSK	3.79	13	PASS
NVNT	Band2	1.4	19193	1	#0	16QAM	5.16	13	PASS
NVNT	Band2	3	18615	1	#0	QPSK	4.54	13	PASS
NVNT	Band2	3	18615	1	#0	16QAM	5.54	13	PASS
NVNT	Band2	3	18900	1	#0	QPSK	5.15	13	PASS
NVNT	Band2	3	18900	1	#0	16QAM	5.83	13	PASS
NVNT	Band2	3	19185	1	#0	QPSK	4.20	13	PASS
NVNT	Band2	3	19185	1	#0	16QAM	5.18	13	PASS
NVNT	Band2	5	18625	1	#0	QPSK	4.66	13	PASS
NVNT	Band2	5	18625	1	#0	16QAM	5.80	13	PASS
NVNT	Band2	5	18900	1	#0	QPSK	4.92	13	PASS
NVNT	Band2	5	18900	1	#0	16QAM	5.66	13	PASS
NVNT	Band2	5	19175	1	#0	QPSK	3.91	13	PASS
NVNT	Band2	5	19175	1	#0	16QAM	5.07	13	PASS
NVNT	Band2	10	18650	1	#0	QPSK	4.59	13	PASS
NVNT	Band2	10	18650	1	#0	16QAM	5.70	13	PASS
NVNT	Band2	10	18900	1	#0	QPSK	4.71	13	PASS
NVNT	Band2	10	18900	1	#0	16QAM	5.59	13	PASS
NVNT	Band2	10	19150	1	#0	QPSK	3.44	13	PASS
NVNT	Band2	10	19150	1	#0	16QAM	4.78	13	PASS
NVNT	Band2	15	18675	1	#0	QPSK	4.54	13	PASS
NVNT	Band2	15	18675	1	#0	16QAM	5.67	13	PASS
NVNT	Band2	15	18900	1	#0	QPSK	4.17	13	PASS
NVNT	Band2	15	18900	1	#0	16QAM	4.96	13	PASS
NVNT	Band2	15	19125	1	#0	QPSK	4.23	13	PASS
NVNT	Band2	15	19125	1	#0	16QAM	5.08	13	PASS
NVNT	Band2	20	18700	1	#0	QPSK	4.36	13	PASS
NVNT	Band2	20	18700	1	#0	16QAM	5.35	13	PASS
NVNT	Band2	20	18900	1	#0	QPSK	3.73	13	PASS
NVNT	Band2	20	18900	1	#0	16QAM	5.06	13	PASS
NVNT	Band2	20	19100	1	#0	QPSK	3.74	13	PASS
NVNT	Band2	20	19100	1	#0	16QAM	4.74	13	PASS



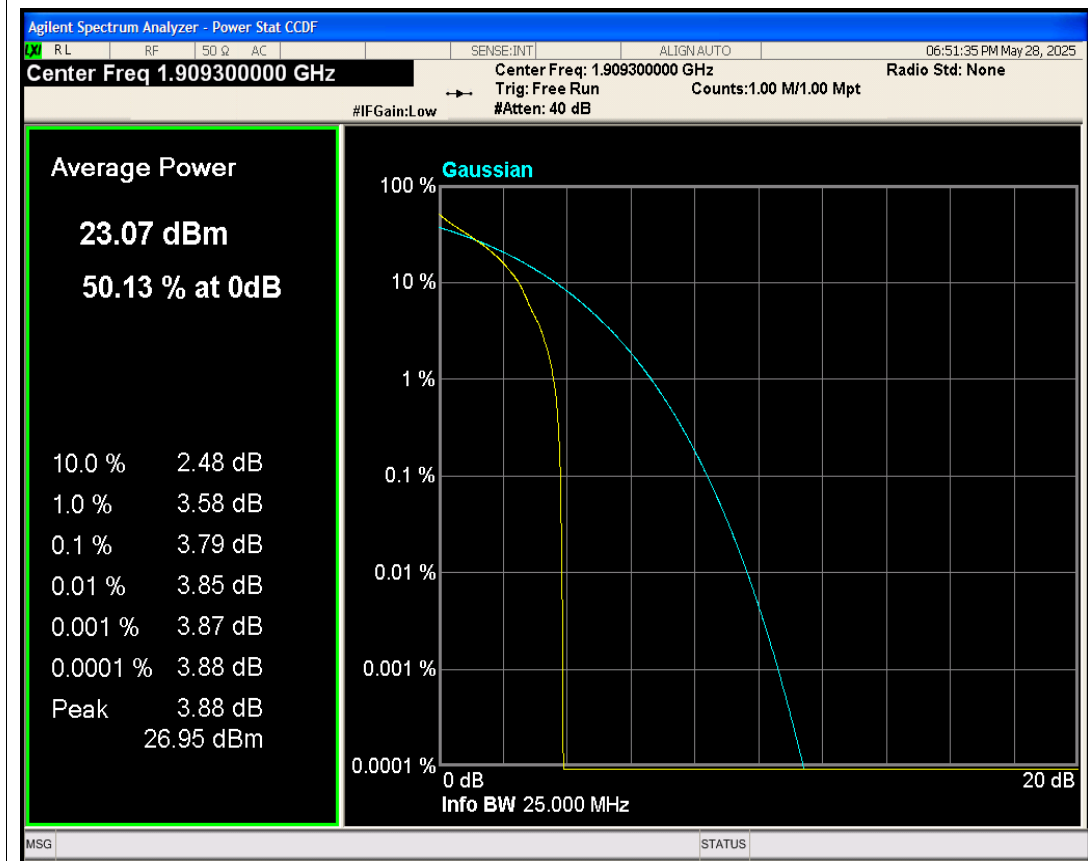
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0 NVNT

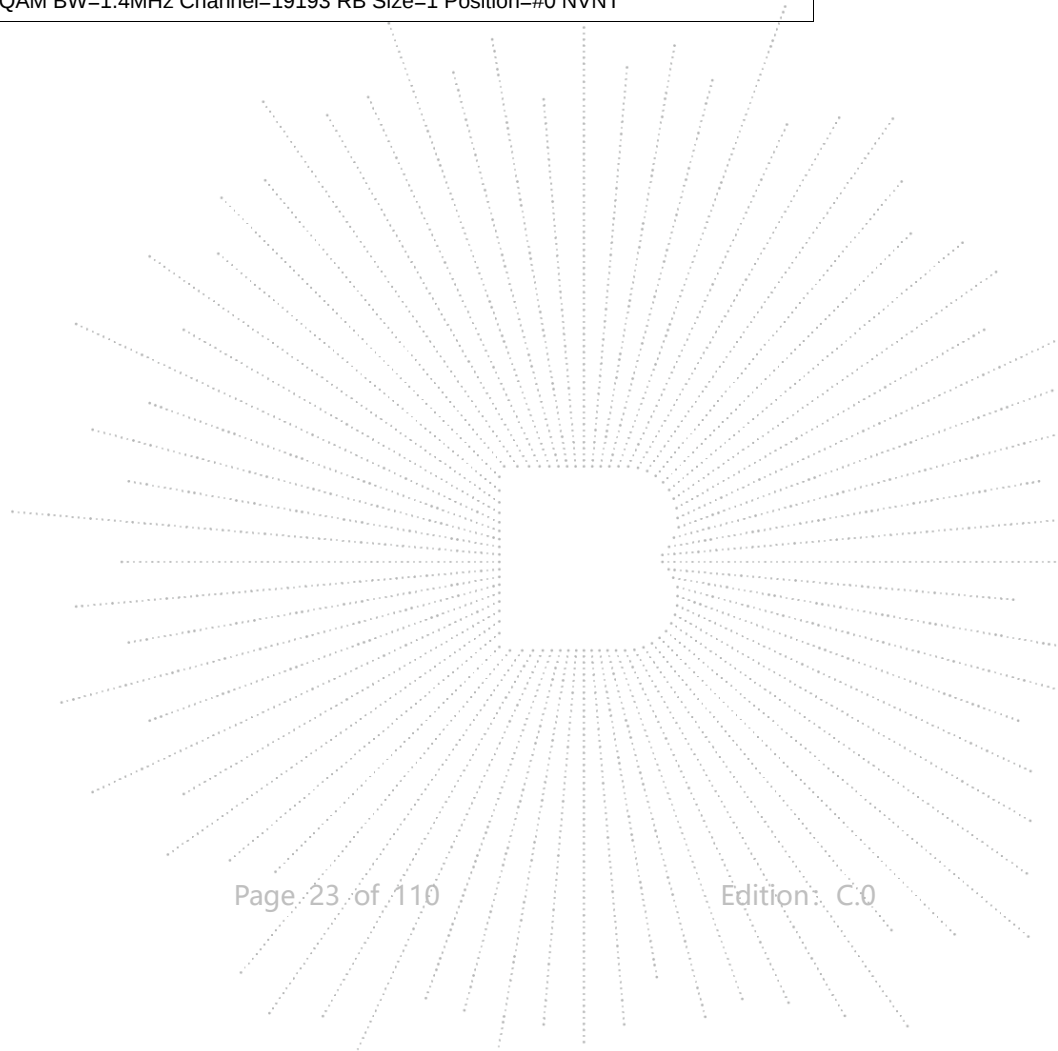
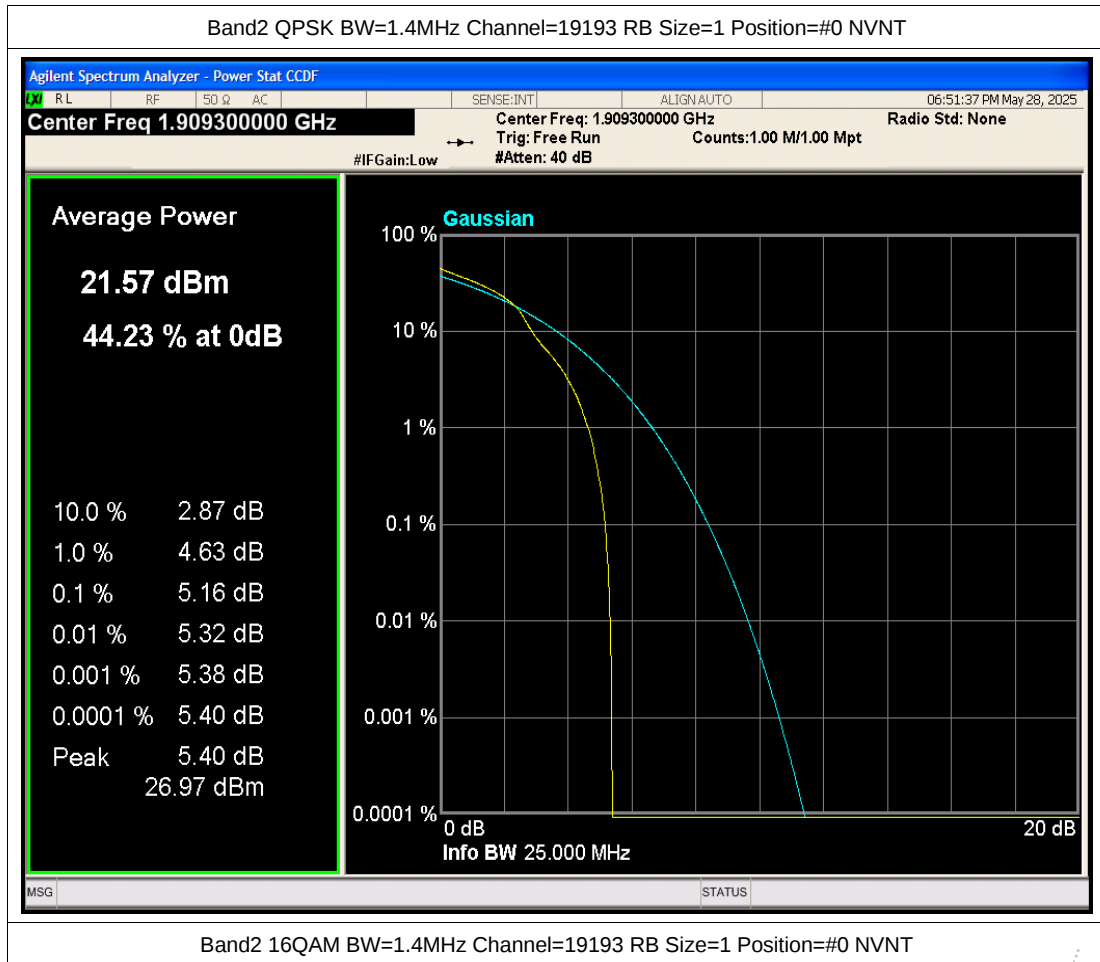


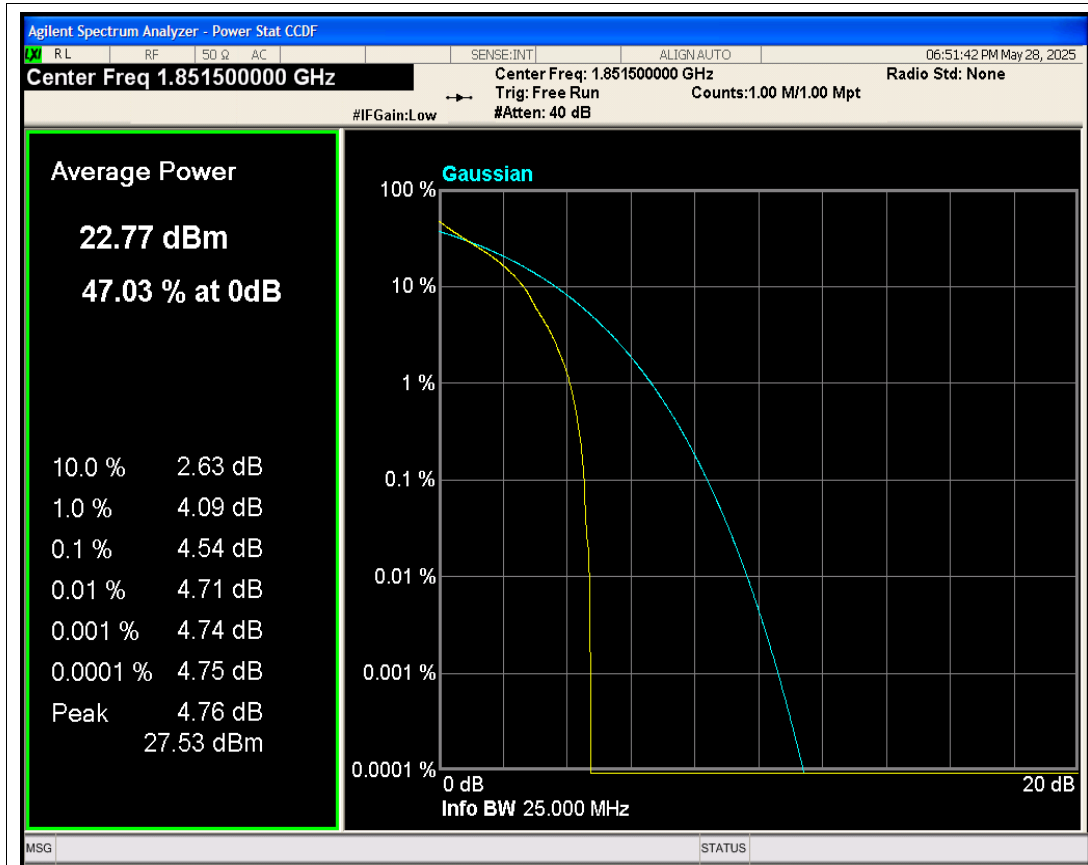




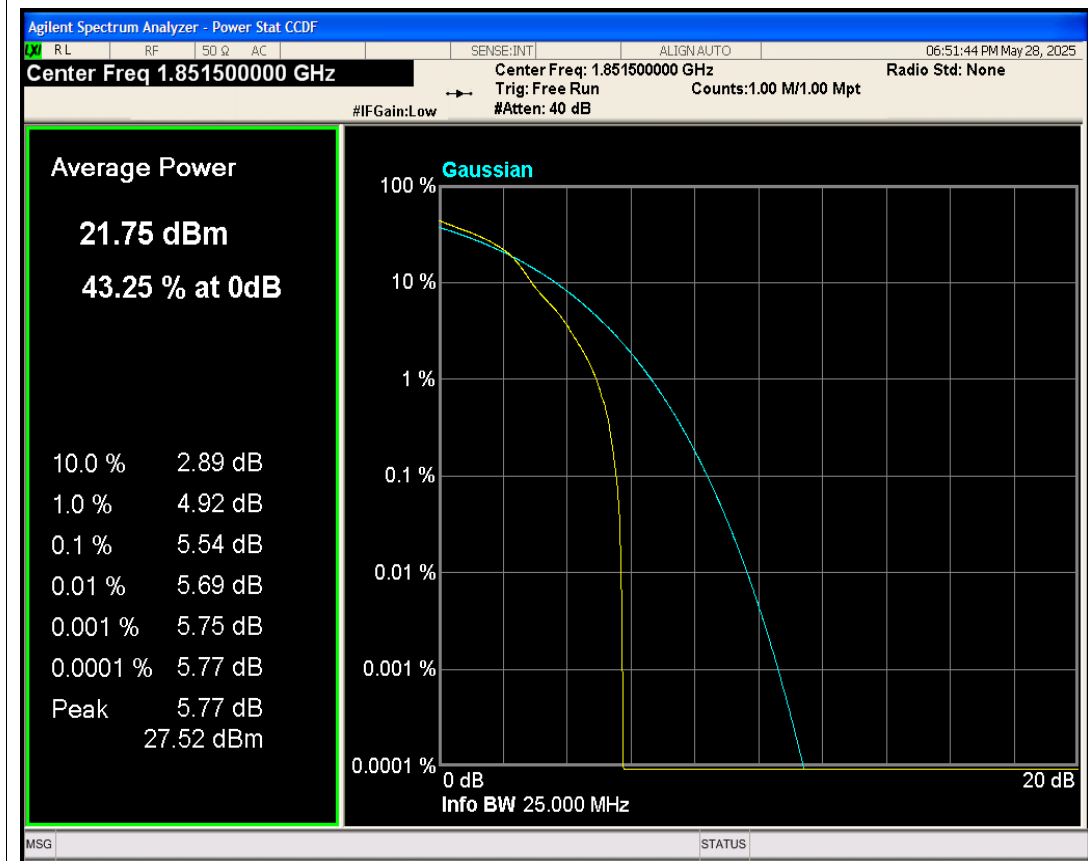
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0 NVNT

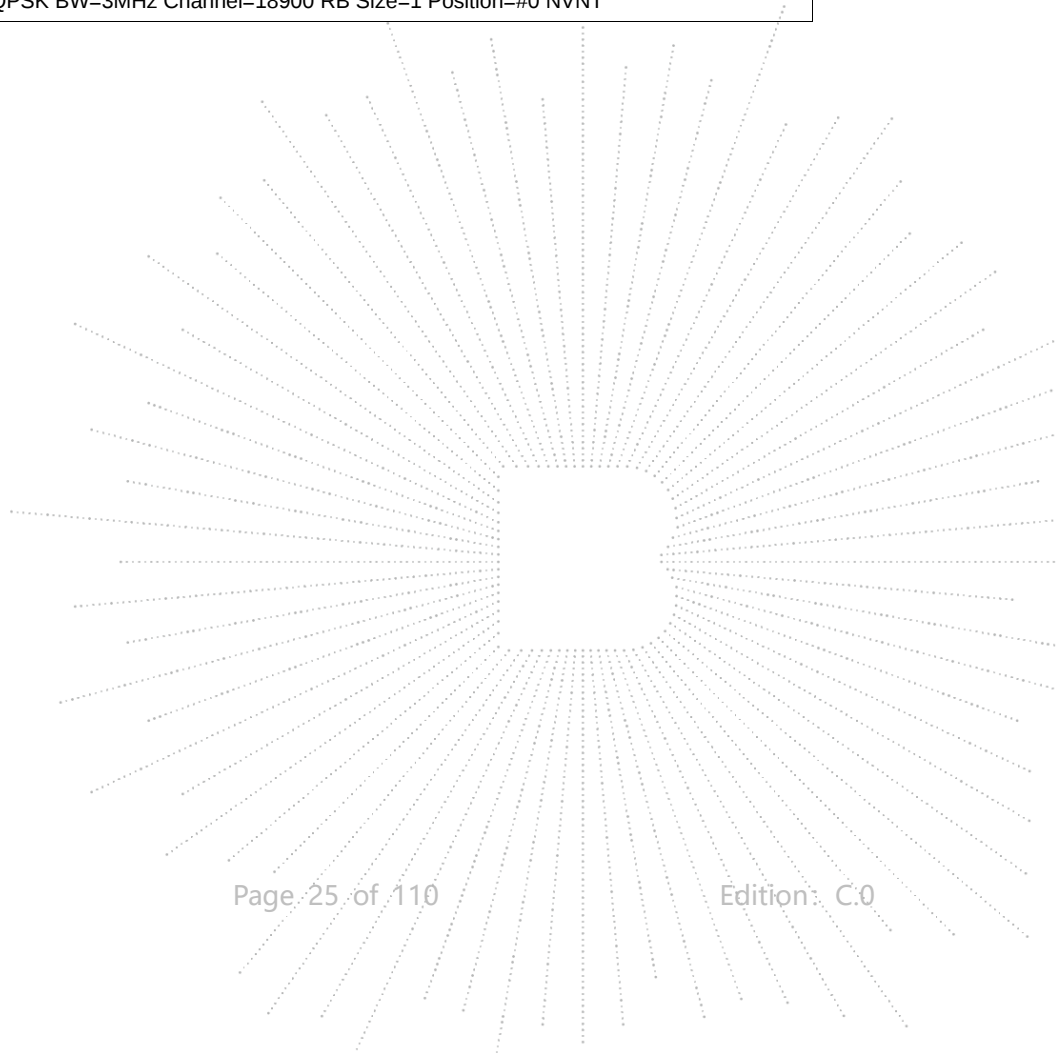
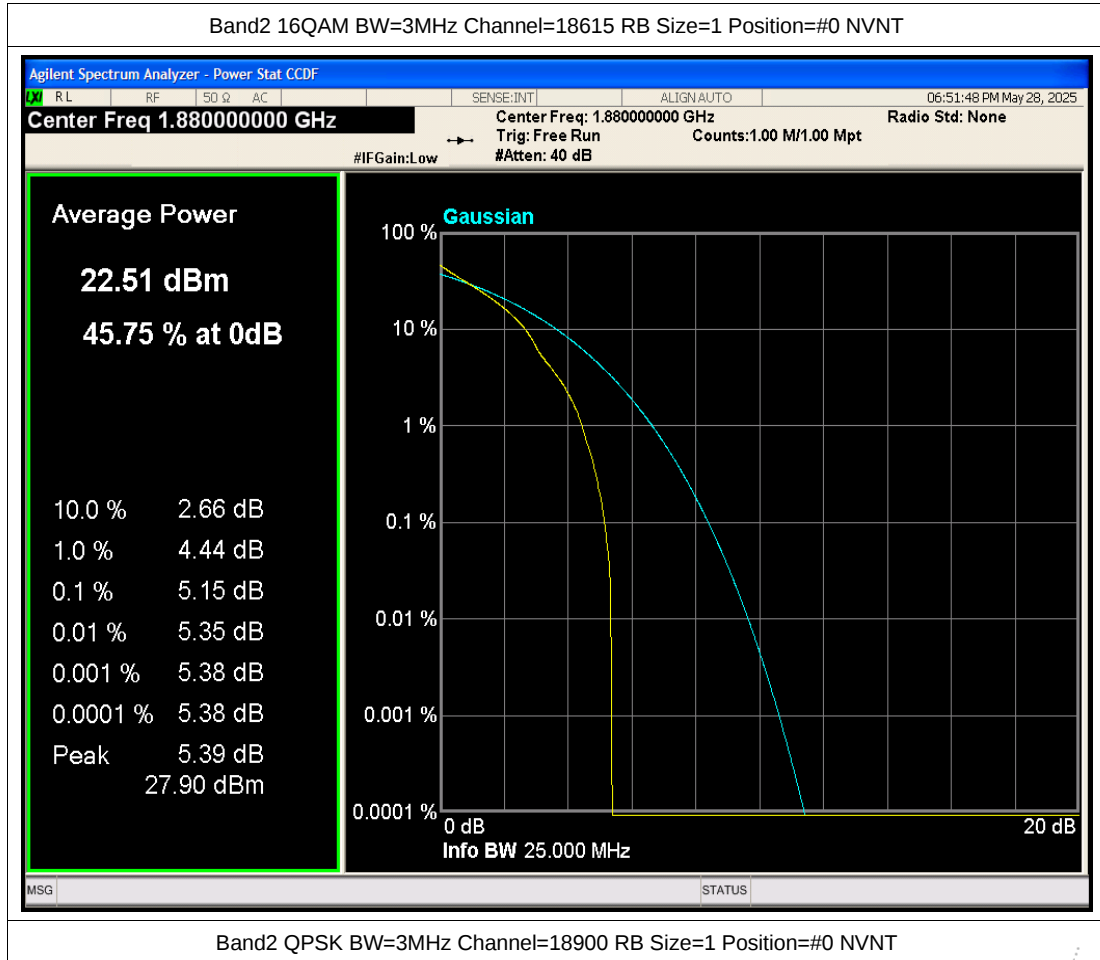


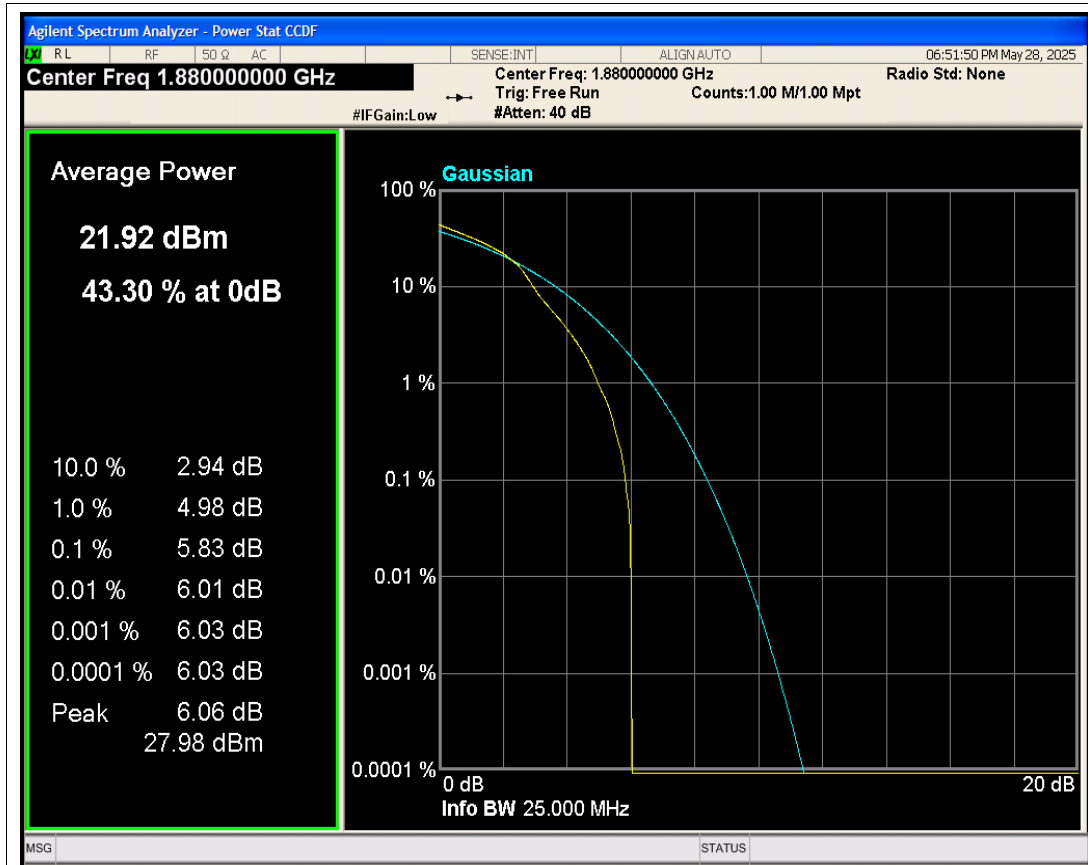




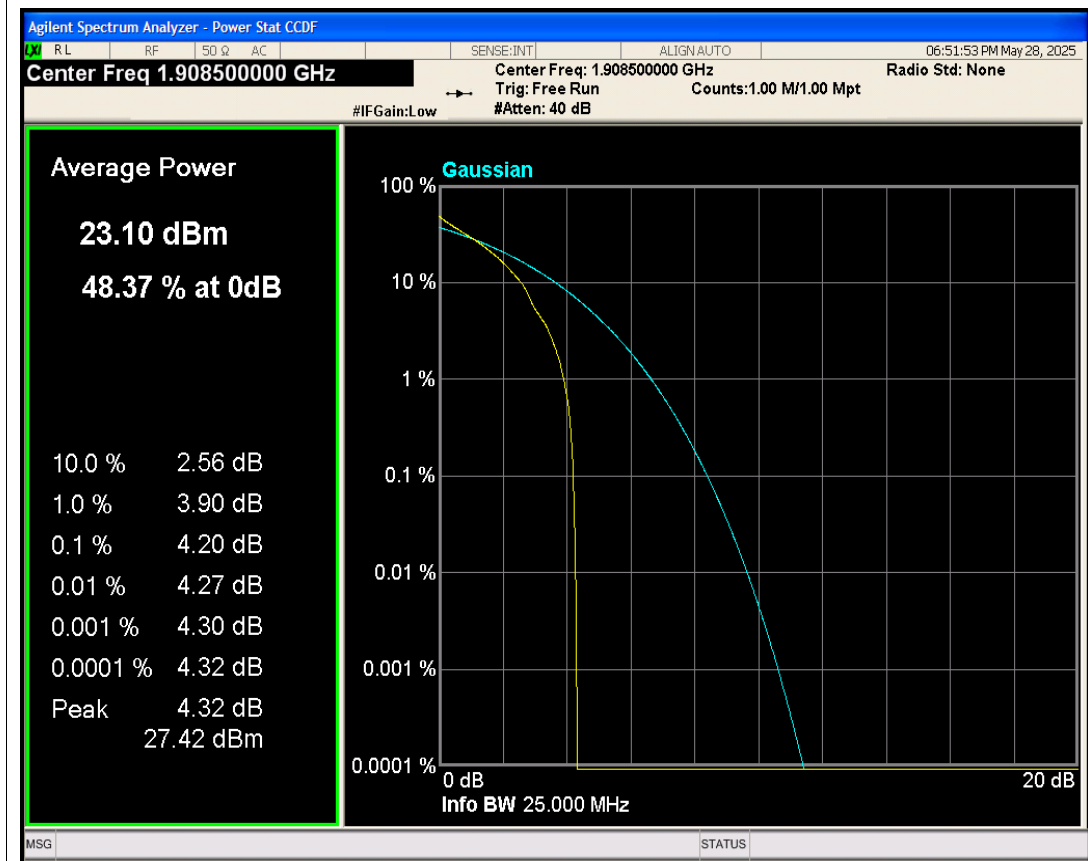
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0 NVNT

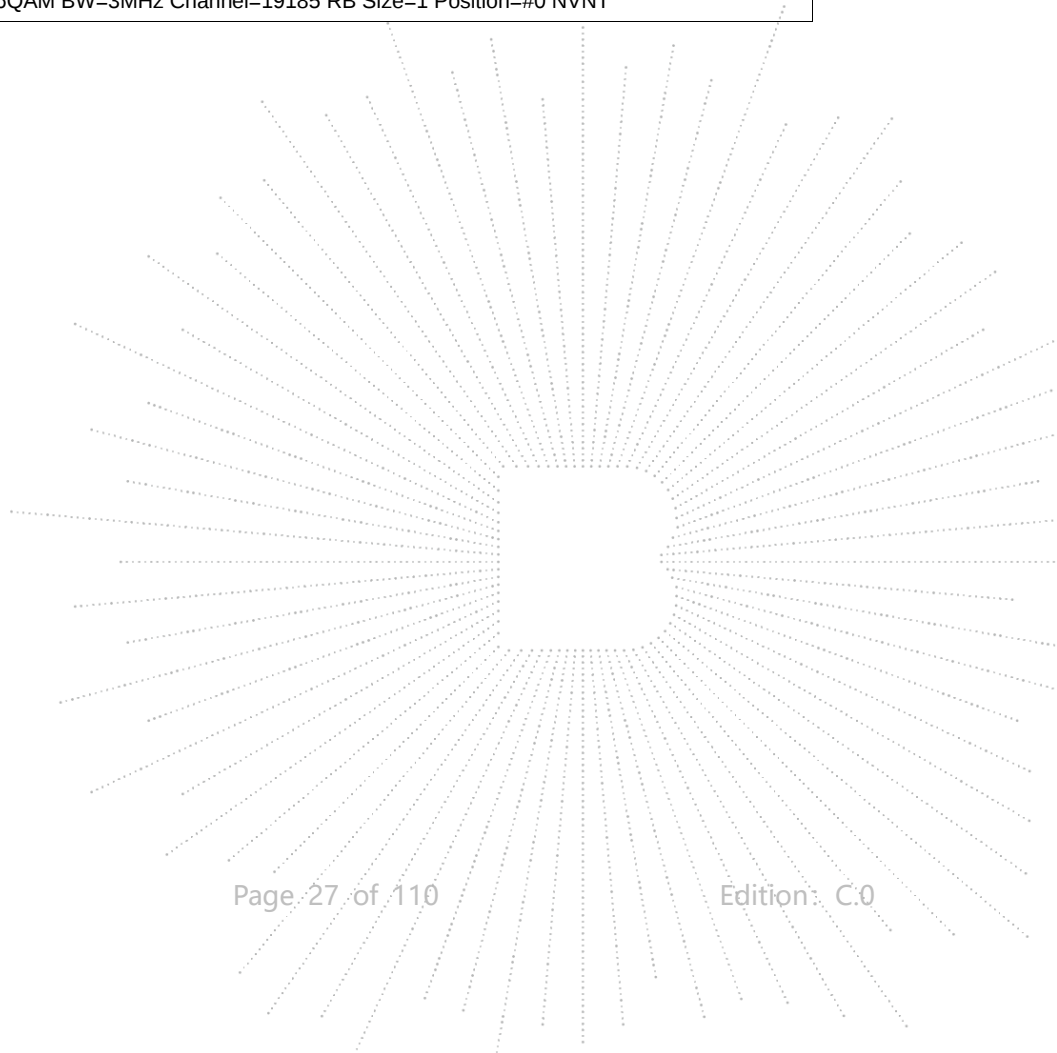
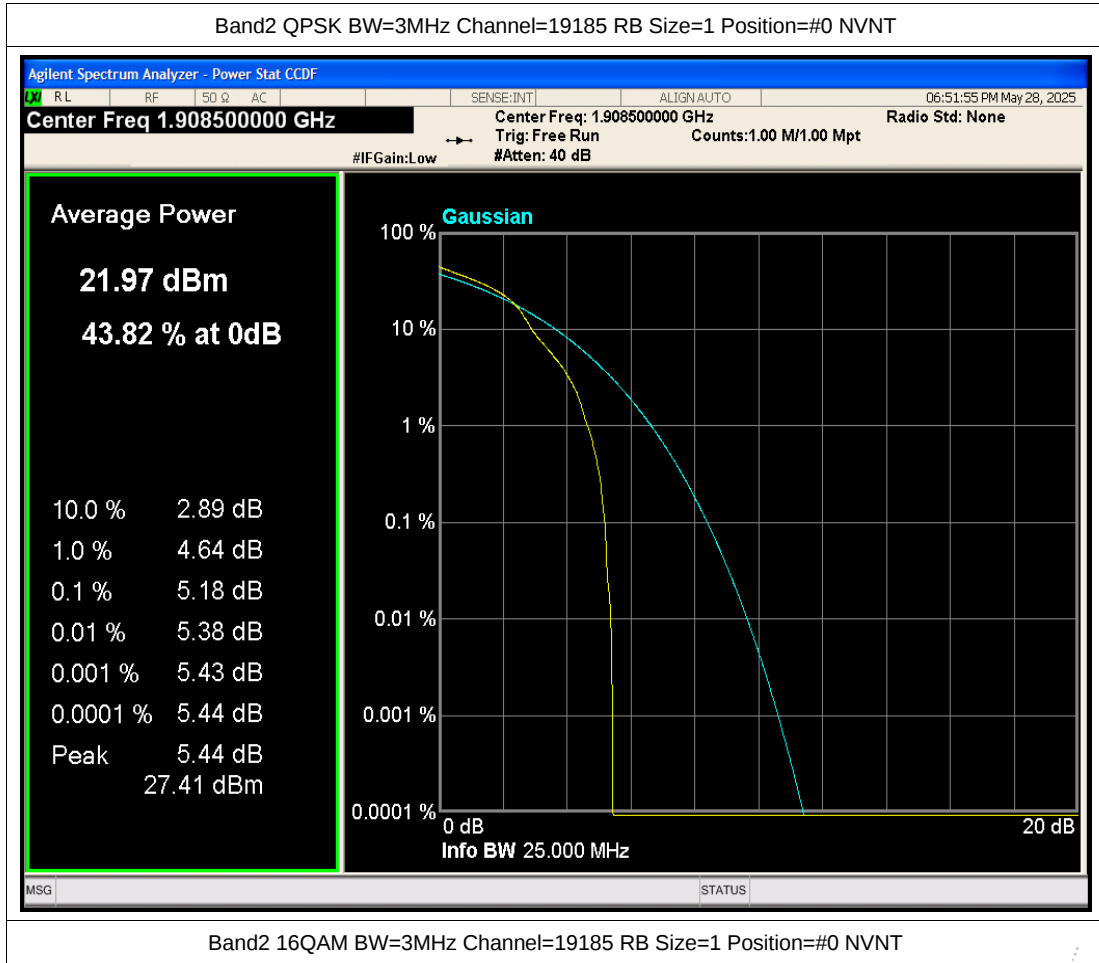


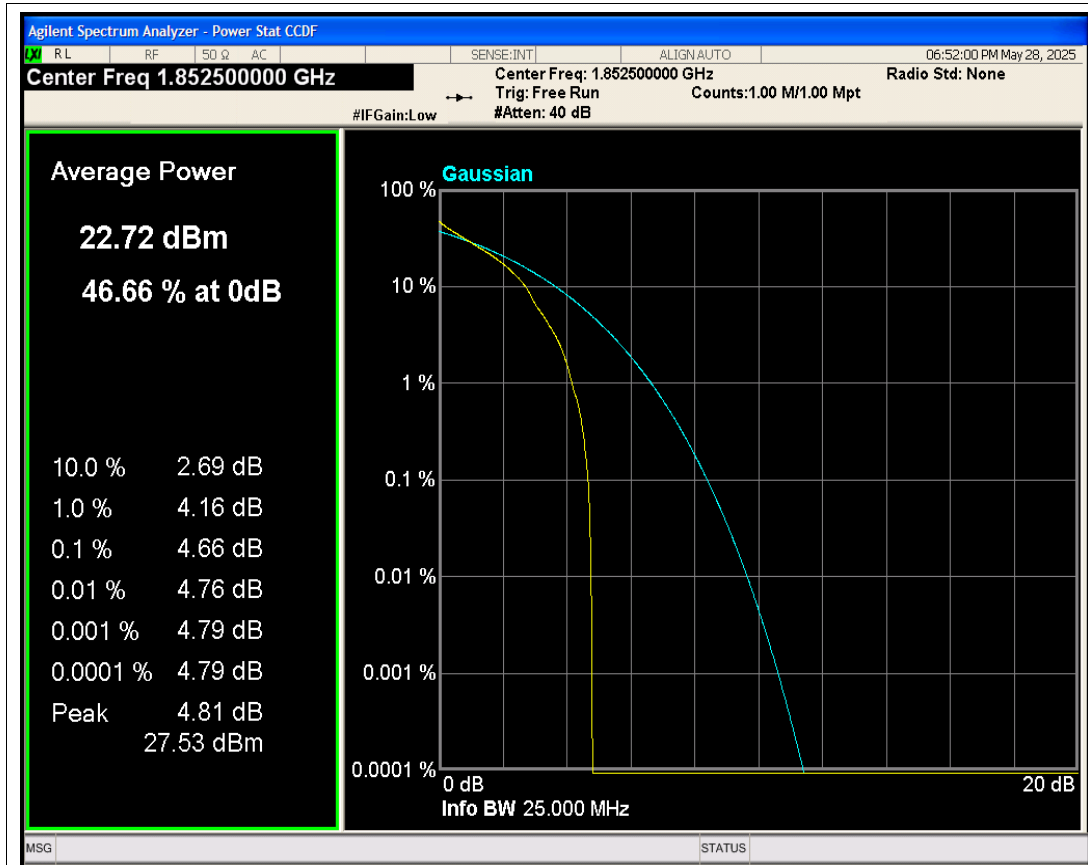




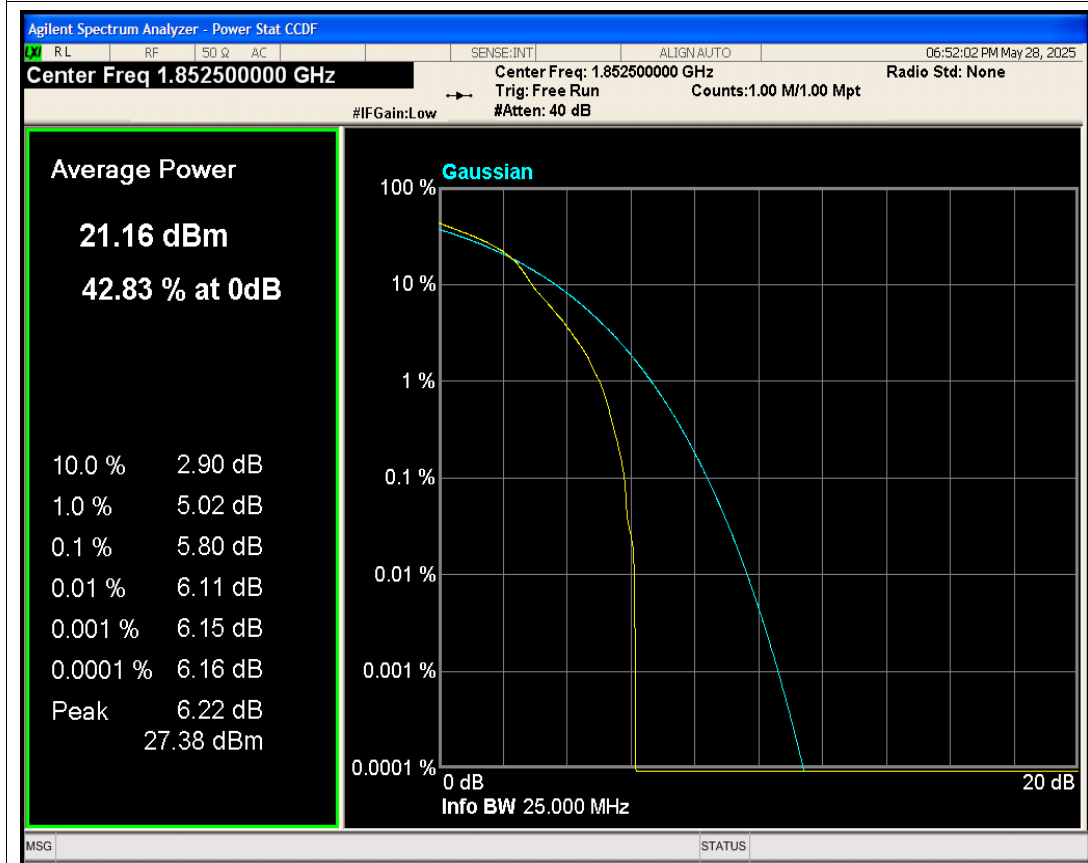
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0 NVNT

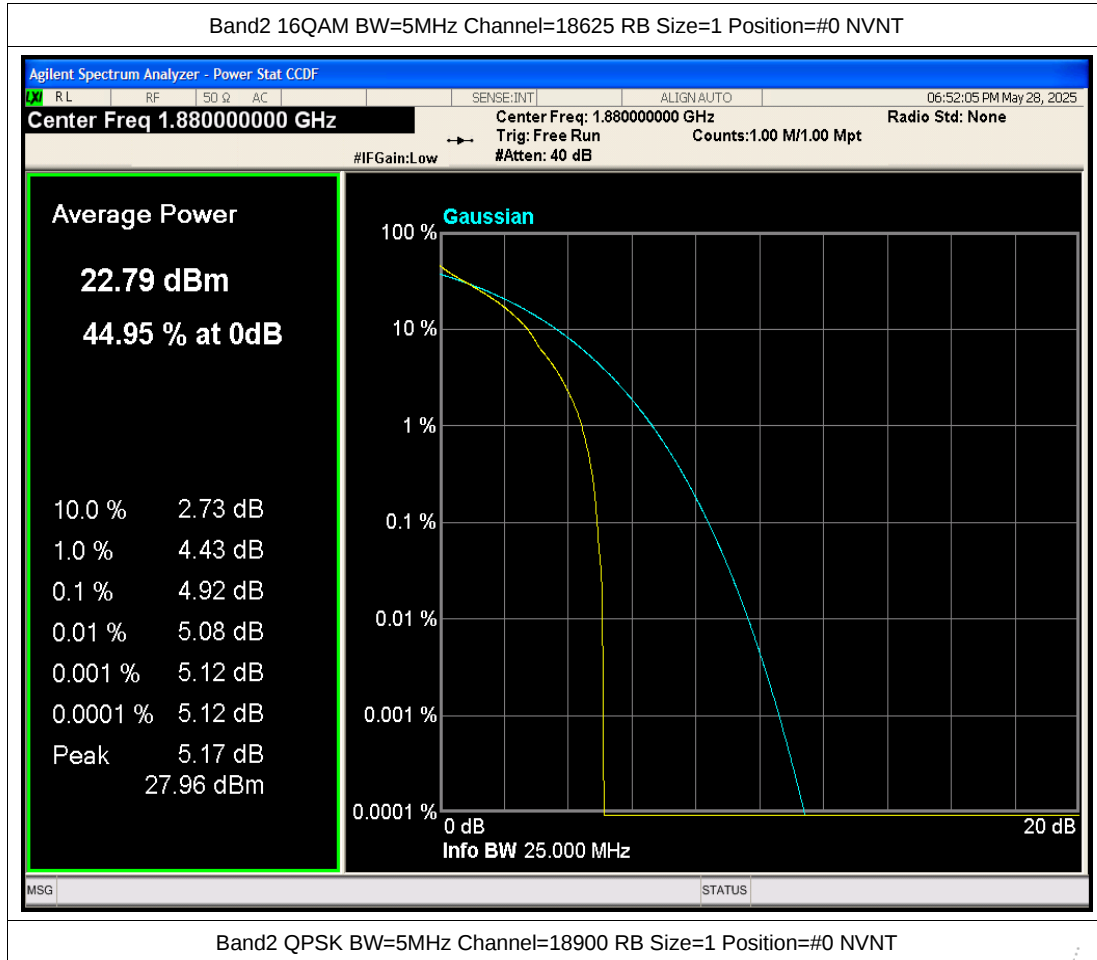


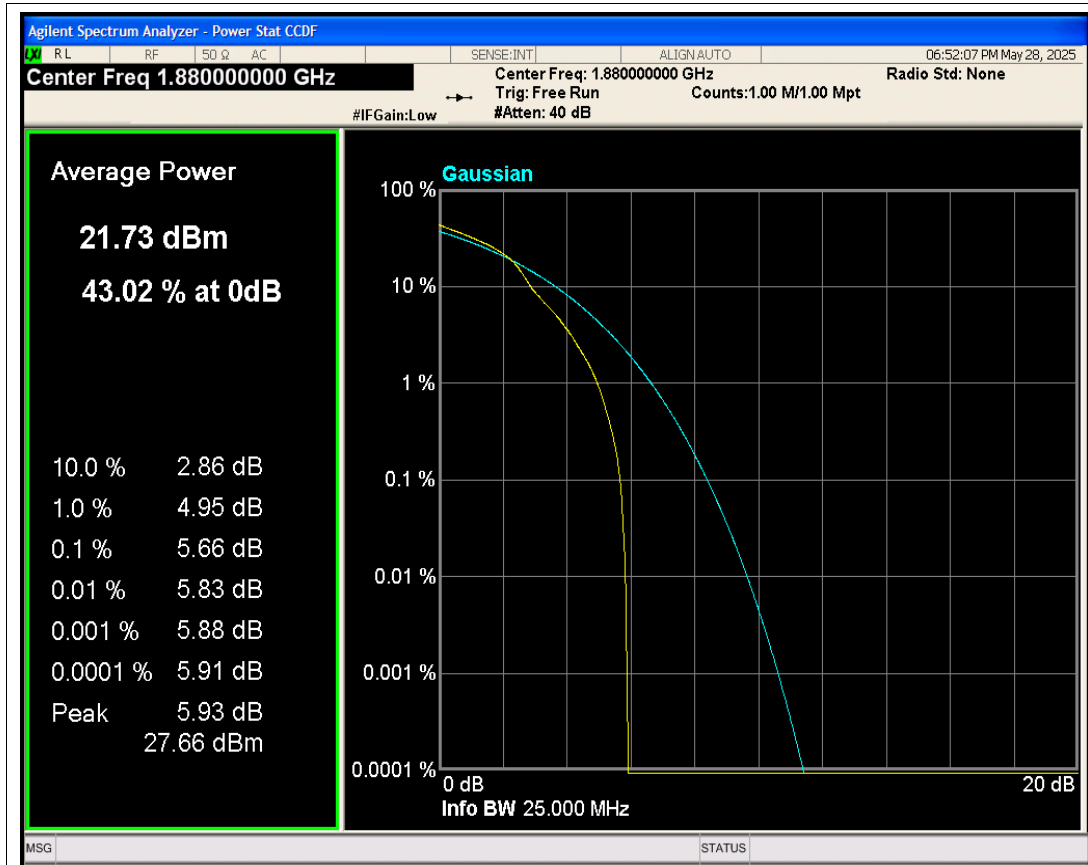




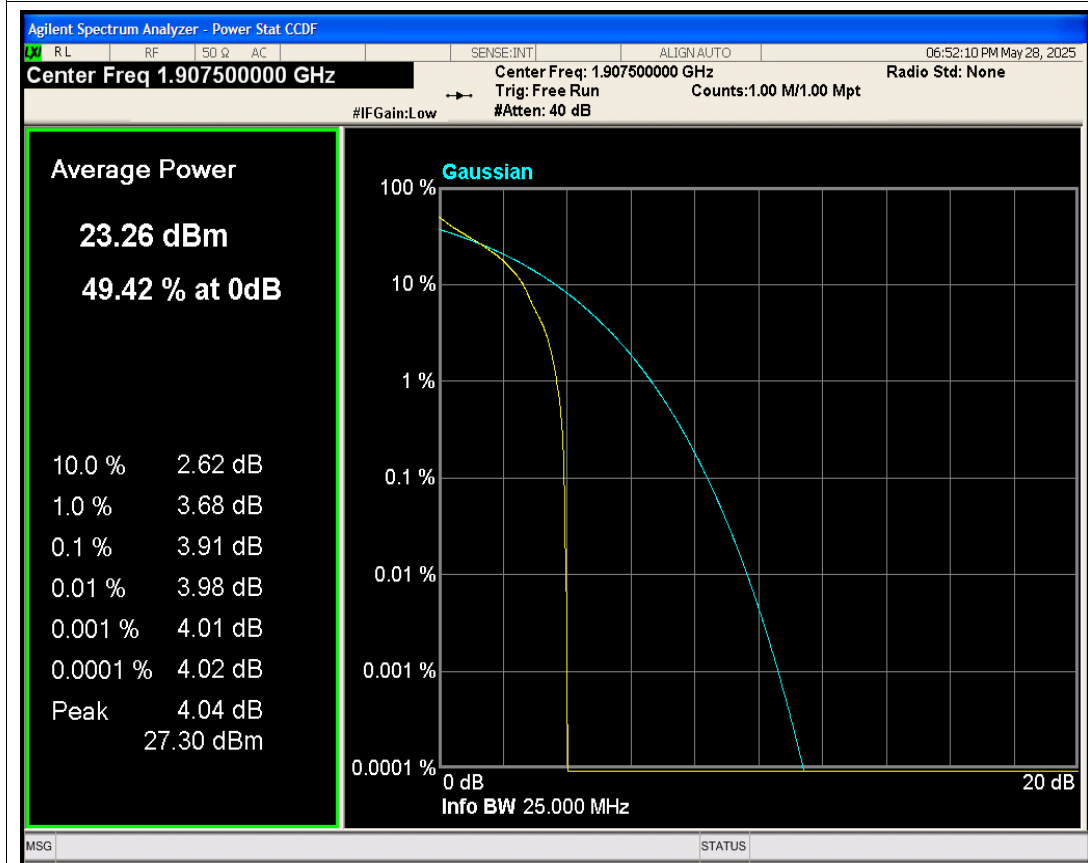
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0 NVNT

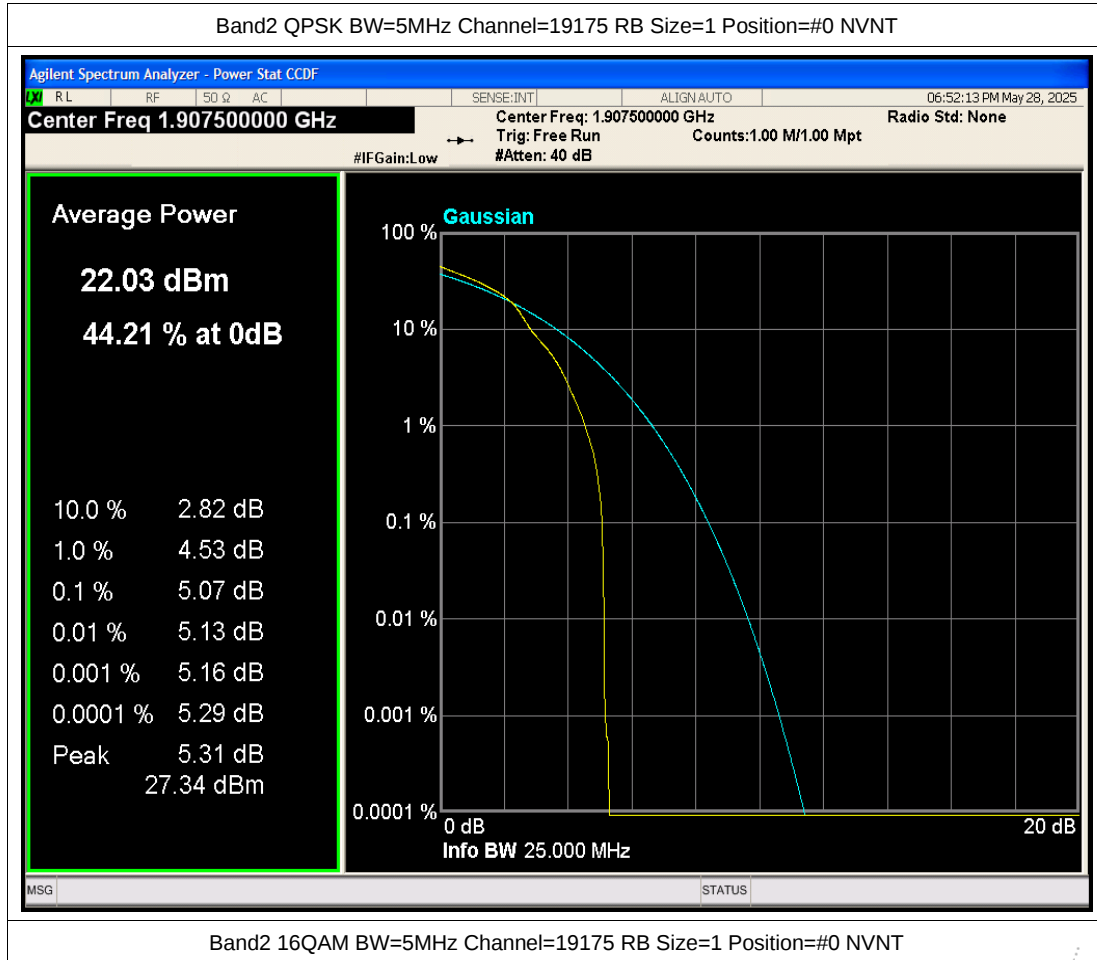






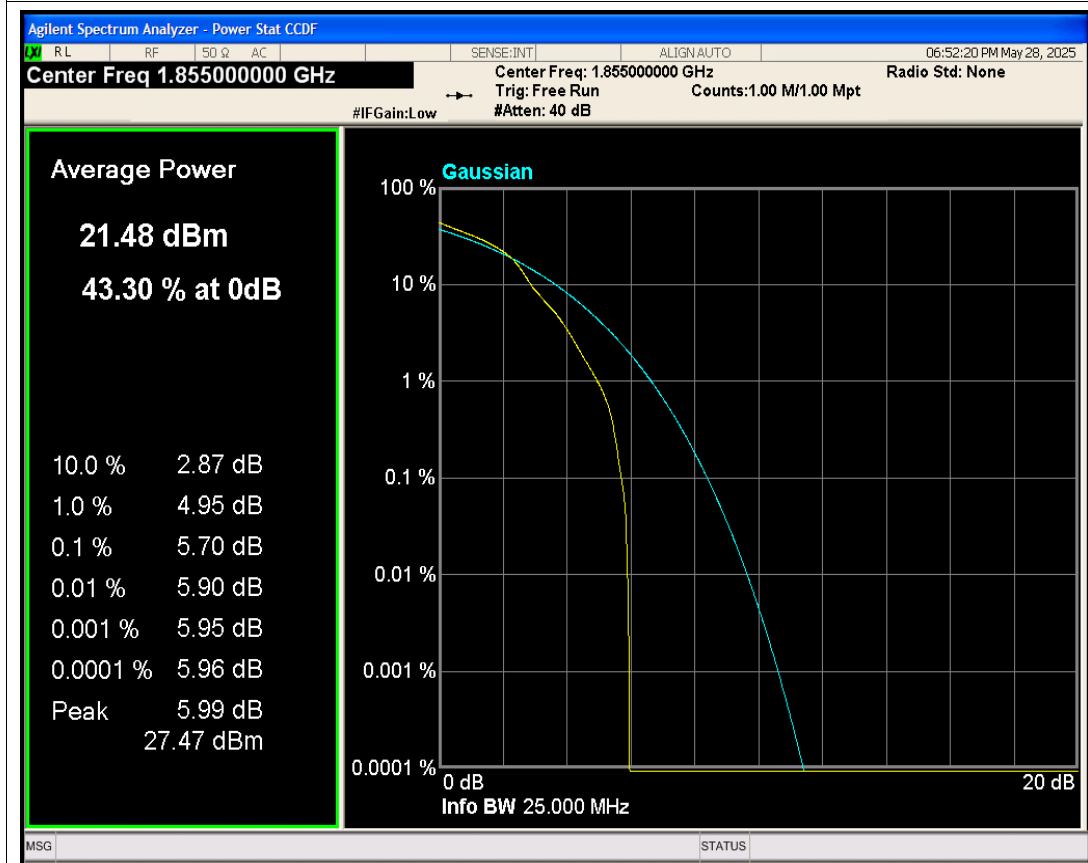
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0 NVNT

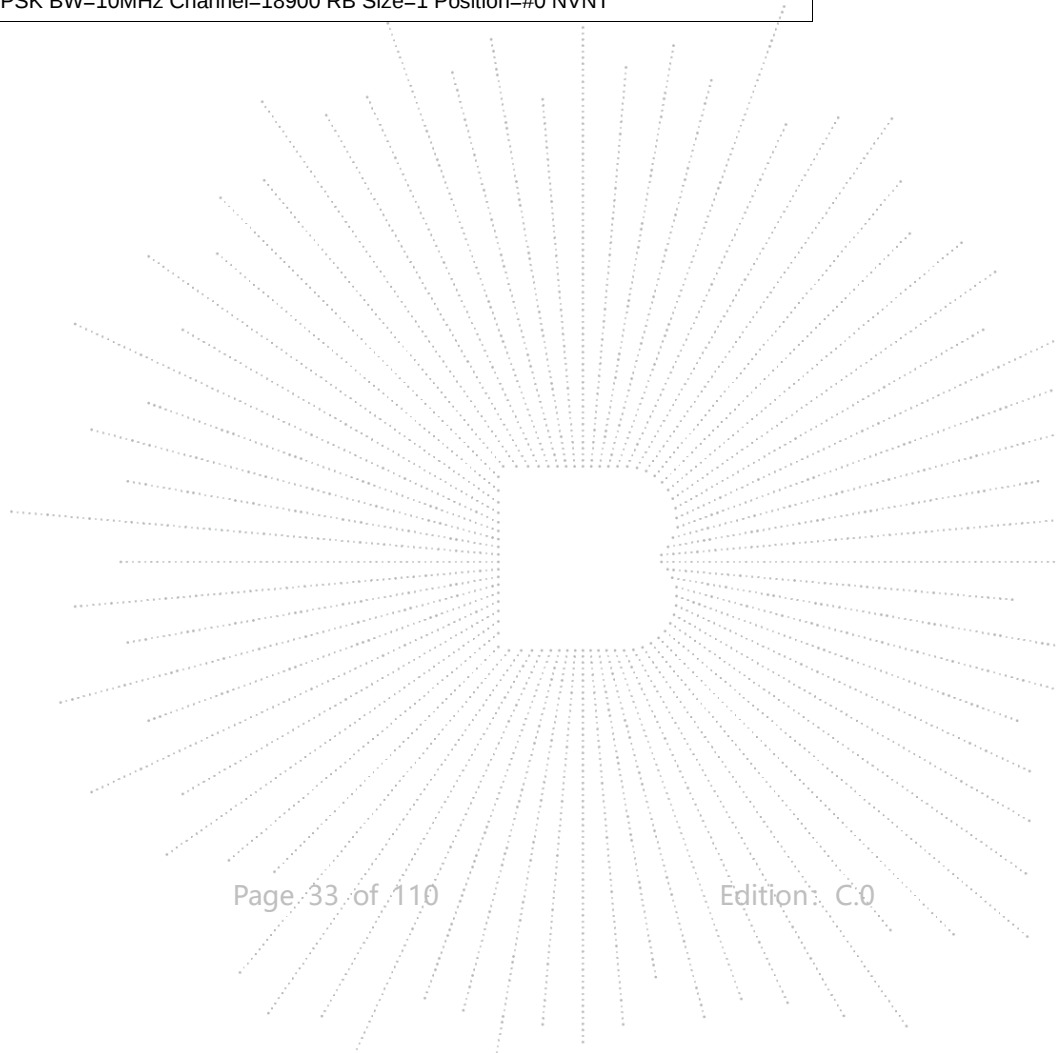
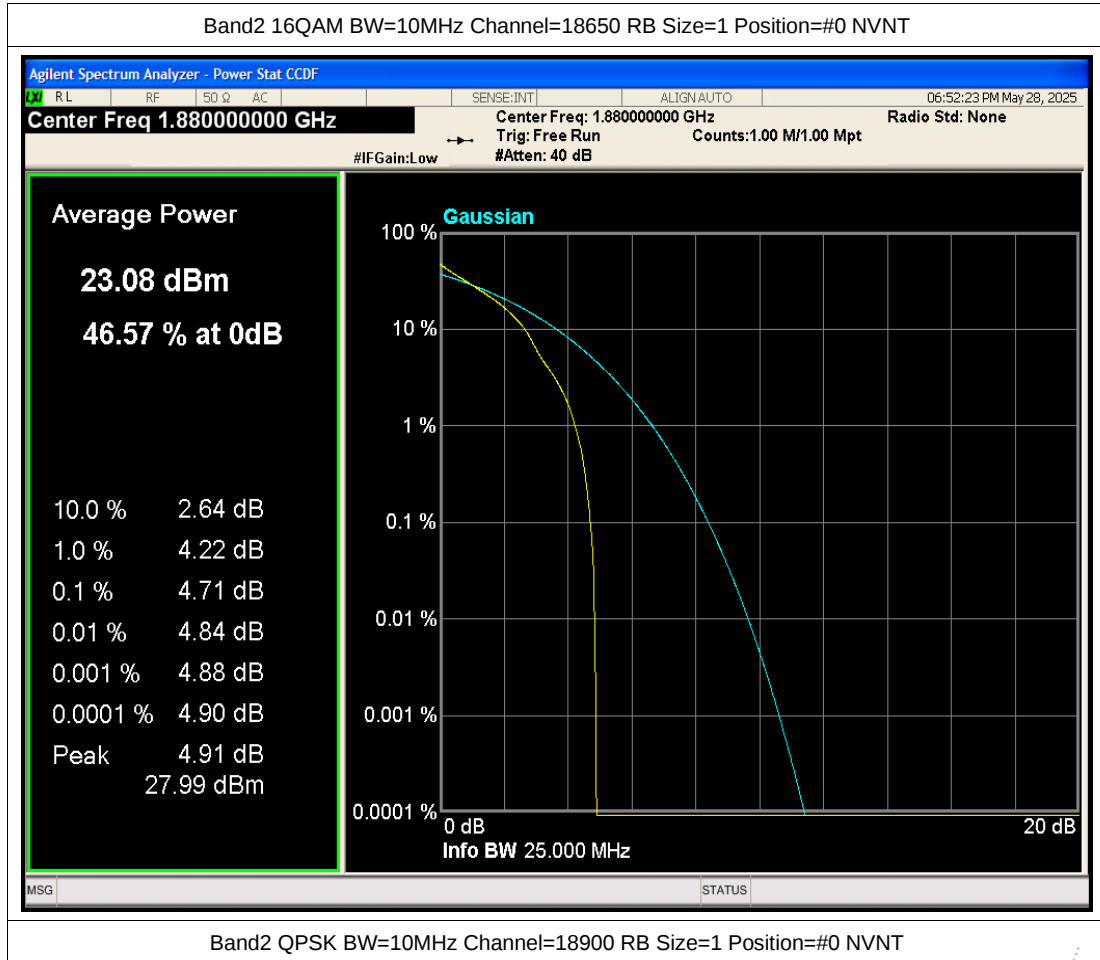


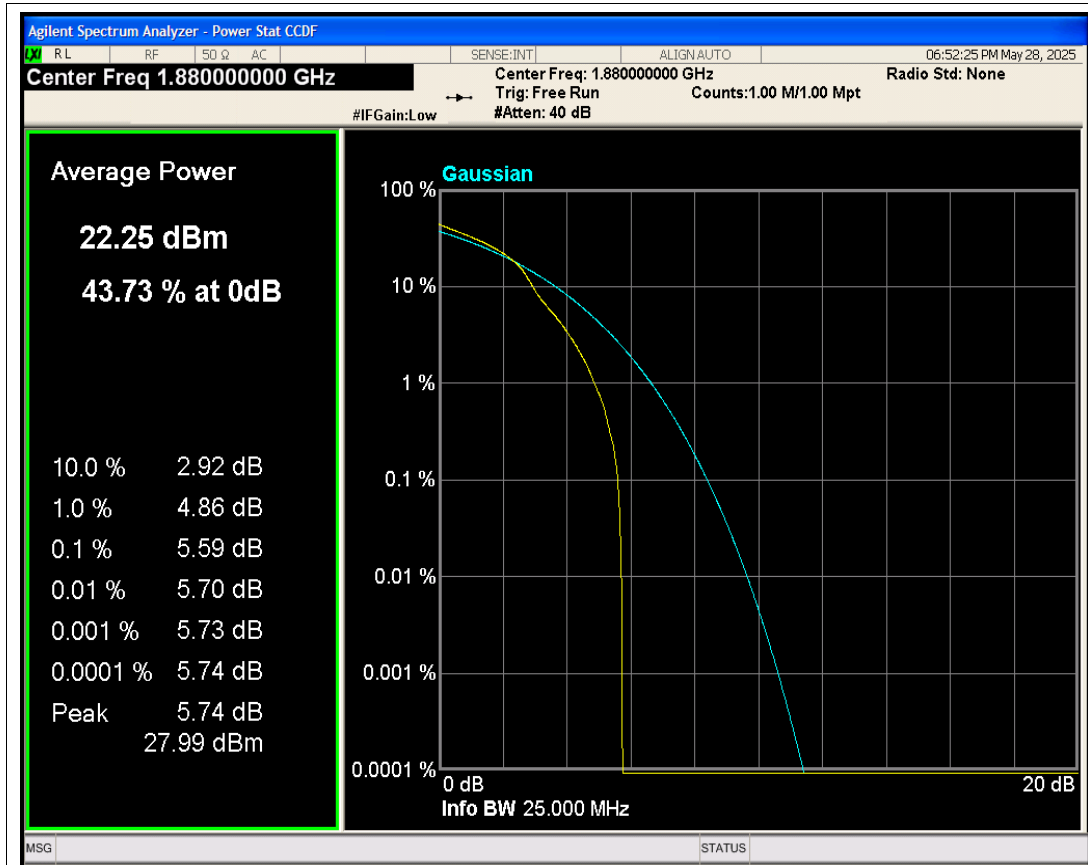




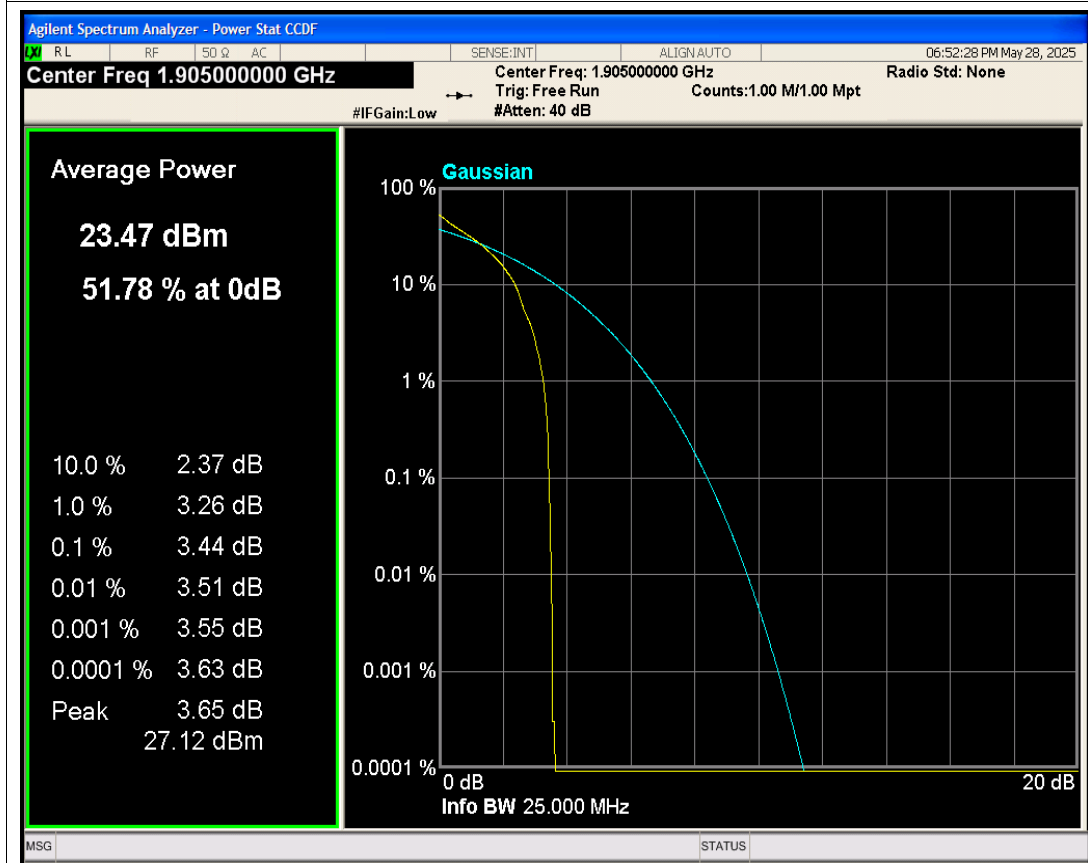
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0 NVNT

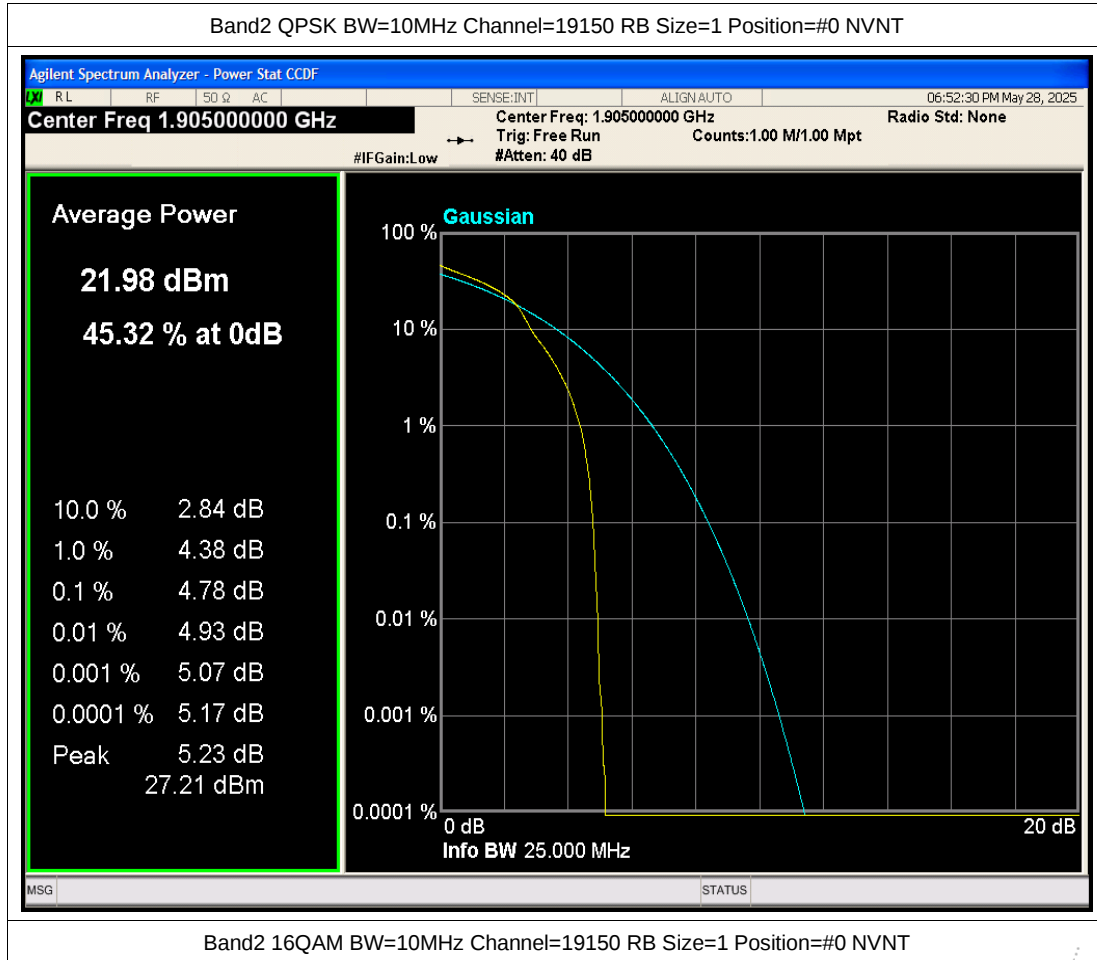


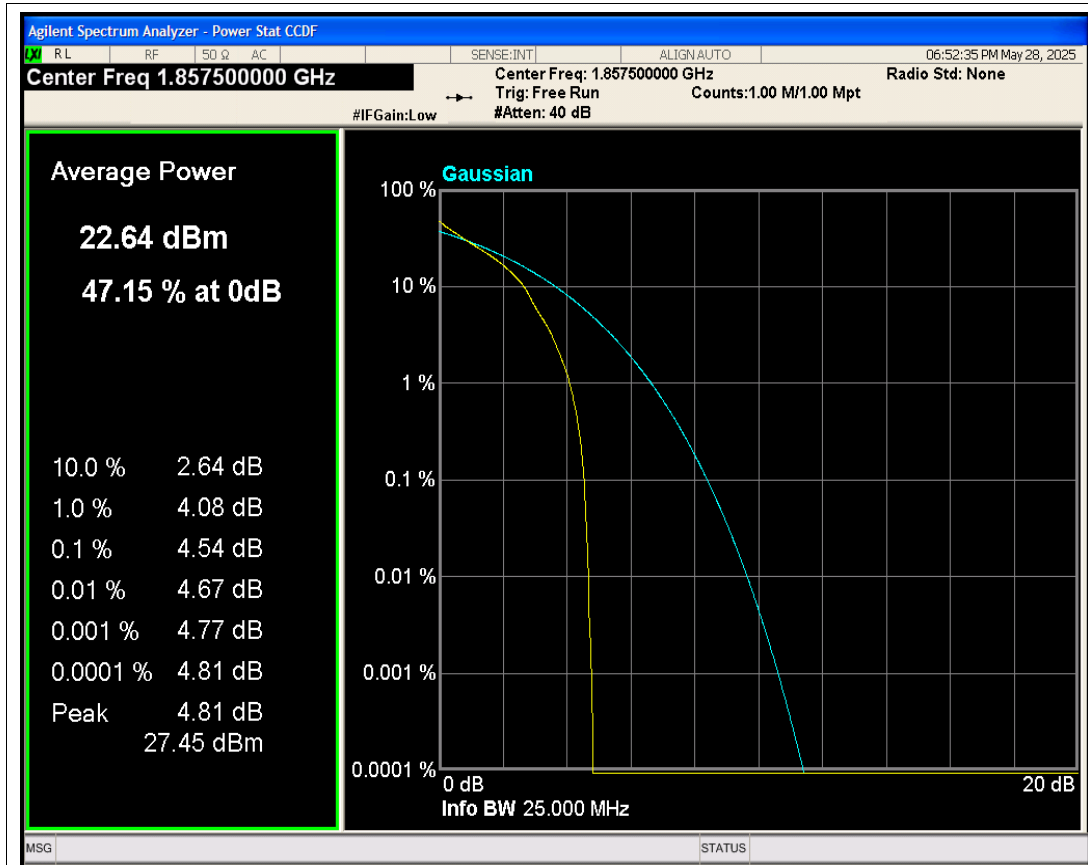




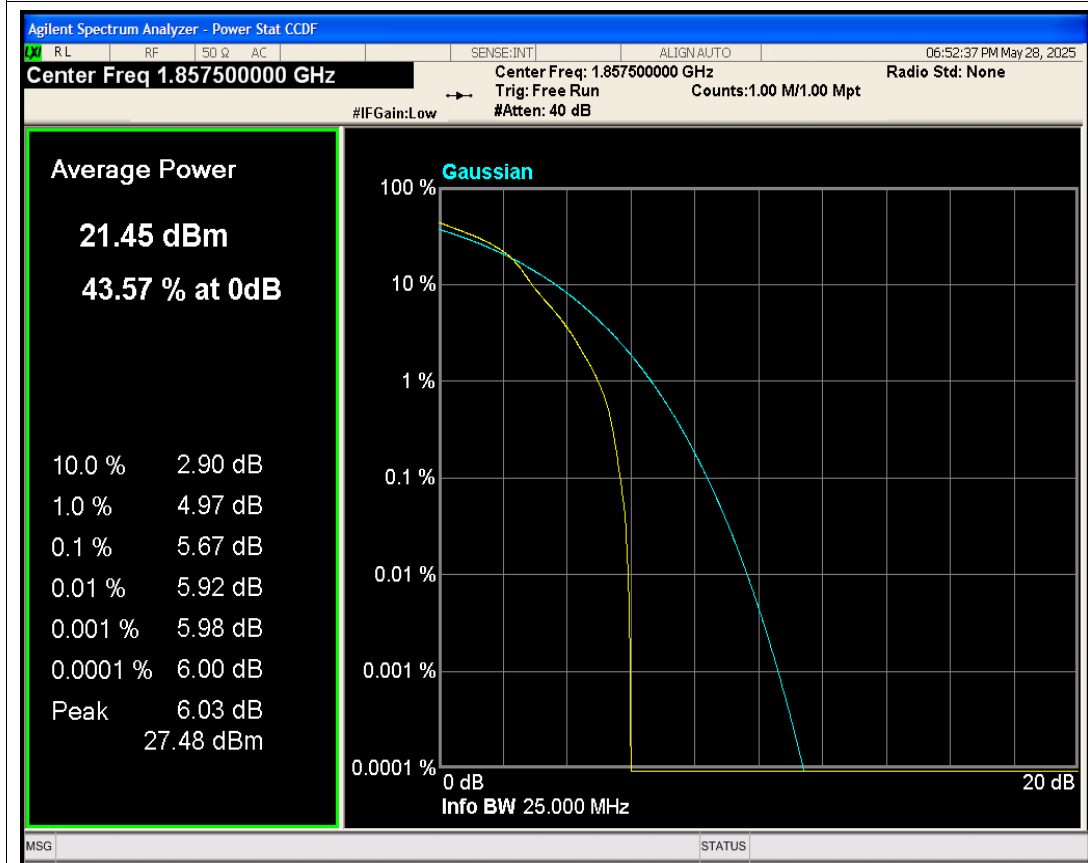
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0 NVNT

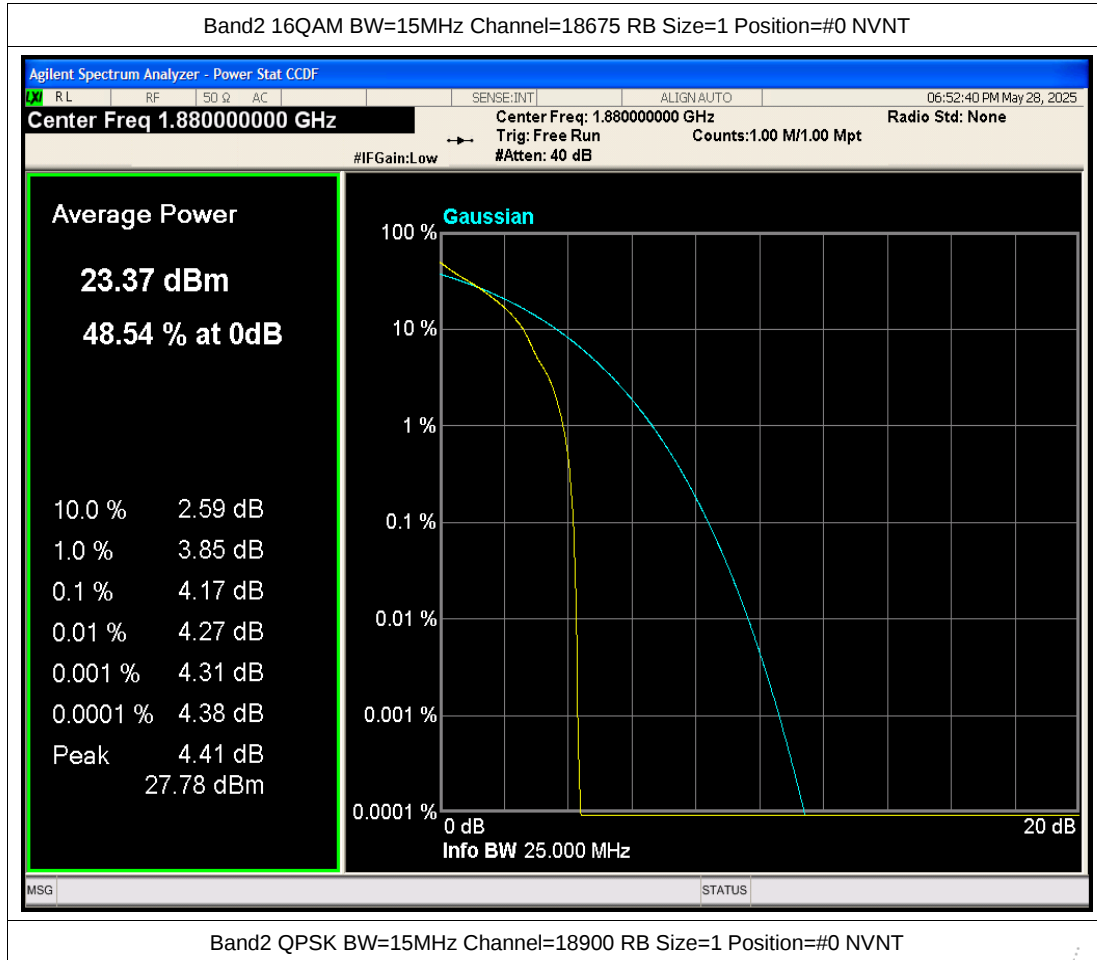


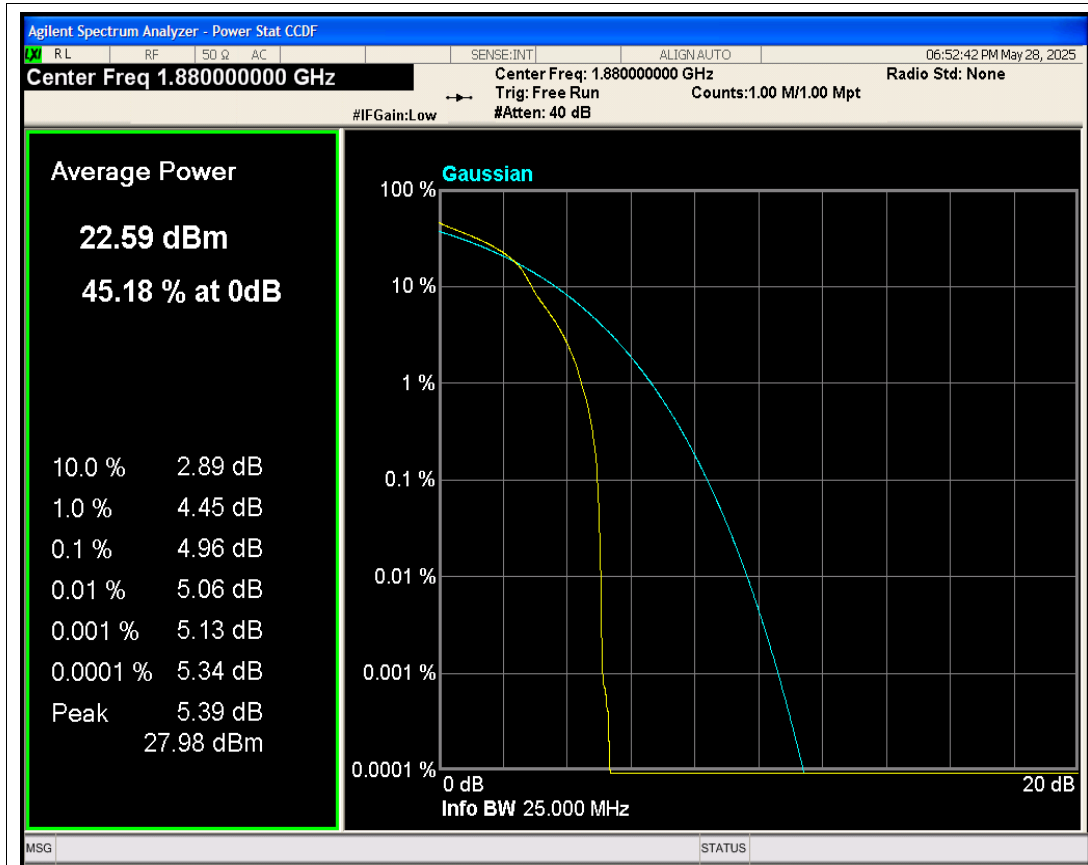




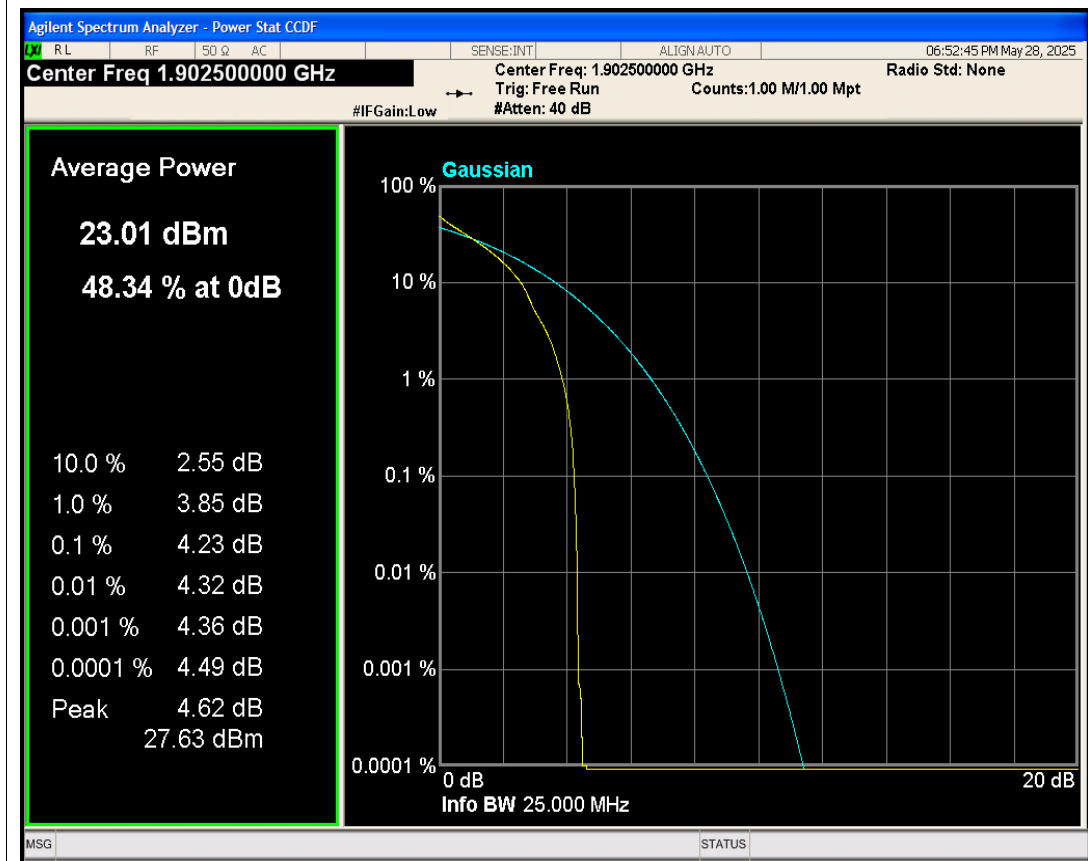
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0 NVNT

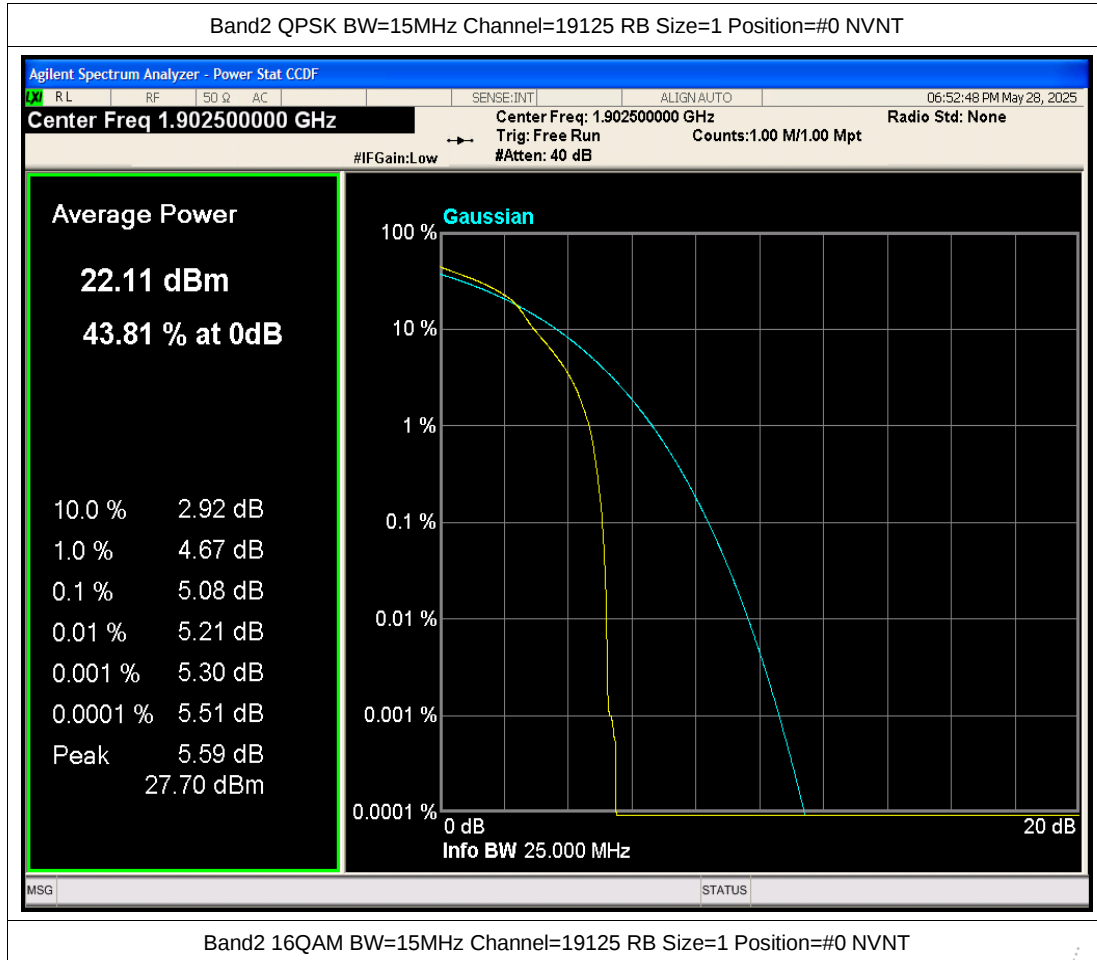






Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0 NVNT







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

