

Appendix for Band 4

FCC ID: 2BPV3-SW100

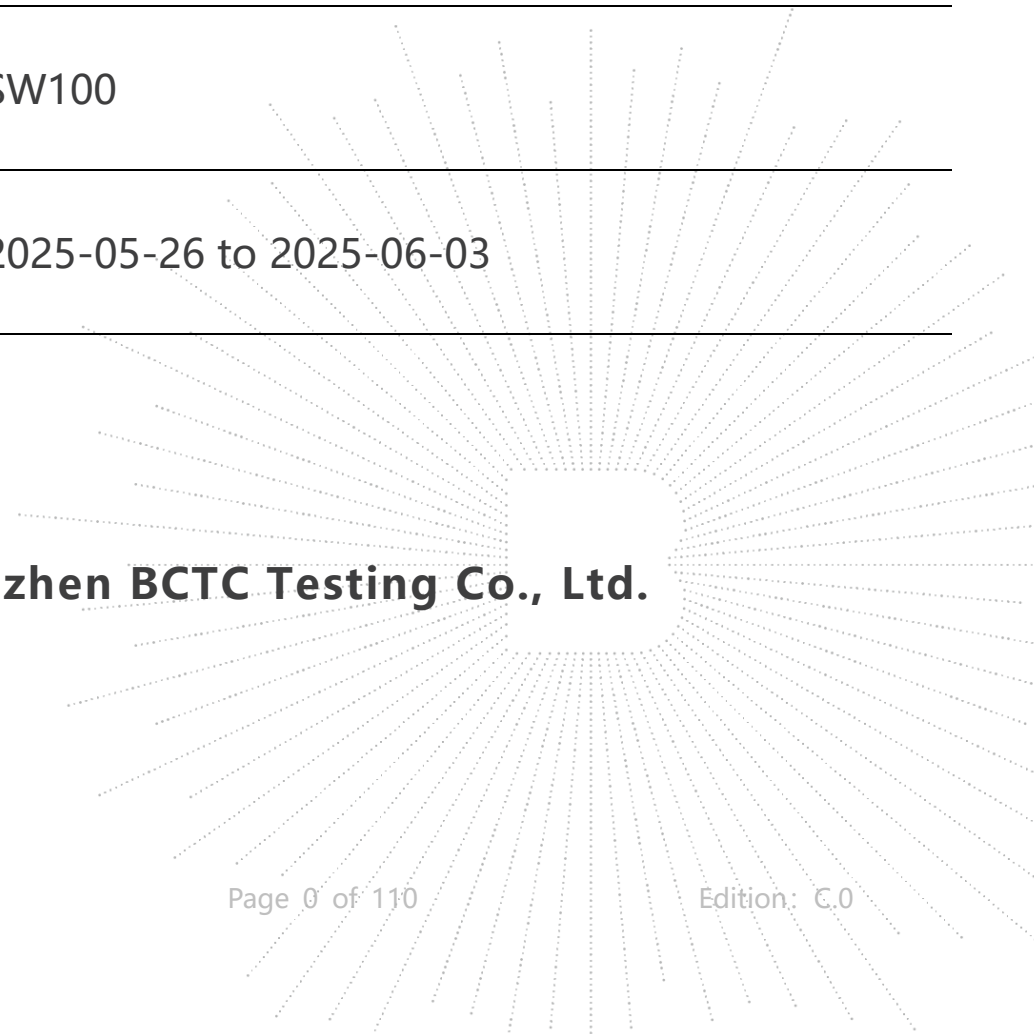
Report No.: BCTC2505938821-5E

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.

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Appendix 1. Conducted output power

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
NVNT	Band4	1.4	19957	1	#0	QPSK	23.42	-6.84	16.58	PASS
NVNT	Band4	1.4	19957	1	#Mid	QPSK	23.45	-6.84	16.61	PASS
NVNT	Band4	1.4	19957	1	#Max	QPSK	23.40	-6.84	16.56	PASS
NVNT	Band4	1.4	19957	3	#0	QPSK	23.18	-6.84	16.34	PASS
NVNT	Band4	1.4	19957	3	#Mid	QPSK	23.25	-6.84	16.41	PASS
NVNT	Band4	1.4	19957	3	#Max	QPSK	23.20	-6.84	16.36	PASS
NVNT	Band4	1.4	19957	6	#0	QPSK	22.23	-6.84	15.39	PASS
NVNT	Band4	1.4	19957	1	#0	16QAM	23.23	-6.84	16.39	PASS
NVNT	Band4	1.4	19957	1	#Mid	16QAM	23.23	-6.84	16.39	PASS
NVNT	Band4	1.4	19957	1	#Max	16QAM	23.21	-6.84	16.37	PASS
NVNT	Band4	1.4	19957	3	#0	16QAM	22.42	-6.84	15.58	PASS
NVNT	Band4	1.4	19957	3	#Mid	16QAM	22.40	-6.84	15.56	PASS
NVNT	Band4	1.4	19957	3	#Max	16QAM	22.37	-6.84	15.53	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	21.29	-6.84	14.45	PASS
NVNT	Band4	1.4	20175	1	#0	QPSK	23.44	-6.84	16.60	PASS
NVNT	Band4	1.4	20175	1	#Mid	QPSK	23.46	-6.84	16.62	PASS
NVNT	Band4	1.4	20175	1	#Max	QPSK	23.45	-6.84	16.61	PASS
NVNT	Band4	1.4	20175	3	#0	QPSK	23.49	-6.84	16.65	PASS
NVNT	Band4	1.4	20175	3	#Mid	QPSK	23.48	-6.84	16.64	PASS
NVNT	Band4	1.4	20175	3	#Max	QPSK	23.47	-6.84	16.63	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	22.47	-6.84	15.63	PASS
NVNT	Band4	1.4	20175	1	#0	16QAM	22.93	-6.84	16.09	PASS
NVNT	Band4	1.4	20175	1	#Mid	16QAM	22.87	-6.84	16.03	PASS
NVNT	Band4	1.4	20175	1	#Max	16QAM	22.91	-6.84	16.07	PASS
NVNT	Band4	1.4	20175	3	#0	16QAM	22.62	-6.84	15.78	PASS
NVNT	Band4	1.4	20175	3	#Mid	16QAM	22.68	-6.84	15.84	PASS
NVNT	Band4	1.4	20175	3	#Max	16QAM	22.64	-6.84	15.80	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	21.45	-6.84	14.61	PASS
NVNT	Band4	1.4	20393	1	#0	QPSK	23.23	-6.84	16.39	PASS
NVNT	Band4	1.4	20393	1	#Mid	QPSK	23.25	-6.84	16.41	PASS
NVNT	Band4	1.4	20393	1	#Max	QPSK	23.28	-6.84	16.44	PASS
NVNT	Band4	1.4	20393	3	#0	QPSK	23.08	-6.84	16.24	PASS
NVNT	Band4	1.4	20393	3	#Mid	QPSK	23.14	-6.84	16.30	PASS
NVNT	Band4	1.4	20393	3	#Max	QPSK	23.20	-6.84	16.36	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	22.29	-6.84	15.45	PASS
NVNT	Band4	1.4	20393	1	#0	16QAM	22.64	-6.84	15.80	PASS
NVNT	Band4	1.4	20393	1	#Mid	16QAM	22.65	-6.84	15.81	PASS

NVNT	Band4	1.4	20393	1	#Max	16QAM	22.72	-6.84	15.88	PASS
NVNT	Band4	1.4	20393	3	#0	16QAM	22.49	-6.84	15.65	PASS
NVNT	Band4	1.4	20393	3	#Mid	16QAM	22.44	-6.84	15.60	PASS
NVNT	Band4	1.4	20393	3	#Max	16QAM	22.49	-6.84	15.65	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	21.35	-6.84	14.51	PASS
NVNT	Band4	3	19965	1	#0	QPSK	23.22	-6.84	16.38	PASS
NVNT	Band4	3	19965	1	#Mid	QPSK	23.19	-6.84	16.35	PASS
NVNT	Band4	3	19965	1	#Max	QPSK	23.20	-6.84	16.36	PASS
NVNT	Band4	3	19965	8	#0	QPSK	22.33	-6.84	15.49	PASS
NVNT	Band4	3	19965	8	#Mid	QPSK	22.22	-6.84	15.38	PASS
NVNT	Band4	3	19965	8	#Max	QPSK	22.23	-6.84	15.39	PASS
NVNT	Band4	3	19965	15	#0	QPSK	22.18	-6.84	15.34	PASS
NVNT	Band4	3	19965	1	#0	16QAM	23.29	-6.84	16.45	PASS
NVNT	Band4	3	19965	1	#Mid	16QAM	23.27	-6.84	16.43	PASS
NVNT	Band4	3	19965	1	#Max	16QAM	23.25	-6.84	16.41	PASS
NVNT	Band4	3	19965	8	#0	16QAM	21.15	-6.84	14.31	PASS
NVNT	Band4	3	19965	8	#Mid	16QAM	21.10	-6.84	14.26	PASS
NVNT	Band4	3	19965	8	#Max	16QAM	20.96	-6.84	14.12	PASS
NVNT	Band4	3	19965	15	#0	16QAM	21.34	-6.84	14.50	PASS
NVNT	Band4	3	20175	1	#0	QPSK	23.46	-6.84	16.62	PASS
NVNT	Band4	3	20175	1	#Mid	QPSK	23.45	-6.84	16.61	PASS
NVNT	Band4	3	20175	1	#Max	QPSK	23.46	-6.84	16.62	PASS
NVNT	Band4	3	20175	8	#0	QPSK	22.58	-6.84	15.74	PASS
NVNT	Band4	3	20175	8	#Mid	QPSK	22.38	-6.84	15.54	PASS
NVNT	Band4	3	20175	8	#Max	QPSK	22.53	-6.84	15.69	PASS
NVNT	Band4	3	20175	15	#0	QPSK	22.46	-6.84	15.62	PASS
NVNT	Band4	3	20175	1	#0	16QAM	22.89	-6.84	16.05	PASS
NVNT	Band4	3	20175	1	#Mid	16QAM	22.88	-6.84	16.04	PASS
NVNT	Band4	3	20175	1	#Max	16QAM	22.88	-6.84	16.04	PASS
NVNT	Band4	3	20175	8	#0	16QAM	21.71	-6.84	14.87	PASS
NVNT	Band4	3	20175	8	#Mid	16QAM	21.75	-6.84	14.91	PASS
NVNT	Band4	3	20175	8	#Max	16QAM	21.78	-6.84	14.94	PASS
NVNT	Band4	3	20175	15	#0	16QAM	21.63	-6.84	14.79	PASS
NVNT	Band4	3	20385	1	#0	QPSK	23.25	-6.84	16.41	PASS
NVNT	Band4	3	20385	1	#Mid	QPSK	23.29	-6.84	16.45	PASS
NVNT	Band4	3	20385	1	#Max	QPSK	23.33	-6.84	16.49	PASS
NVNT	Band4	3	20385	8	#0	QPSK	22.07	-6.84	15.23	PASS
NVNT	Band4	3	20385	8	#Mid	QPSK	22.13	-6.84	15.29	PASS
NVNT	Band4	3	20385	8	#Max	QPSK	22.25	-6.84	15.41	PASS
NVNT	Band4	3	20385	15	#0	QPSK	22.12	-6.84	15.28	PASS
NVNT	Band4	3	20385	1	#0	16QAM	22.64	-6.84	15.80	PASS
NVNT	Band4	3	20385	1	#Mid	16QAM	22.64	-6.84	15.80	PASS

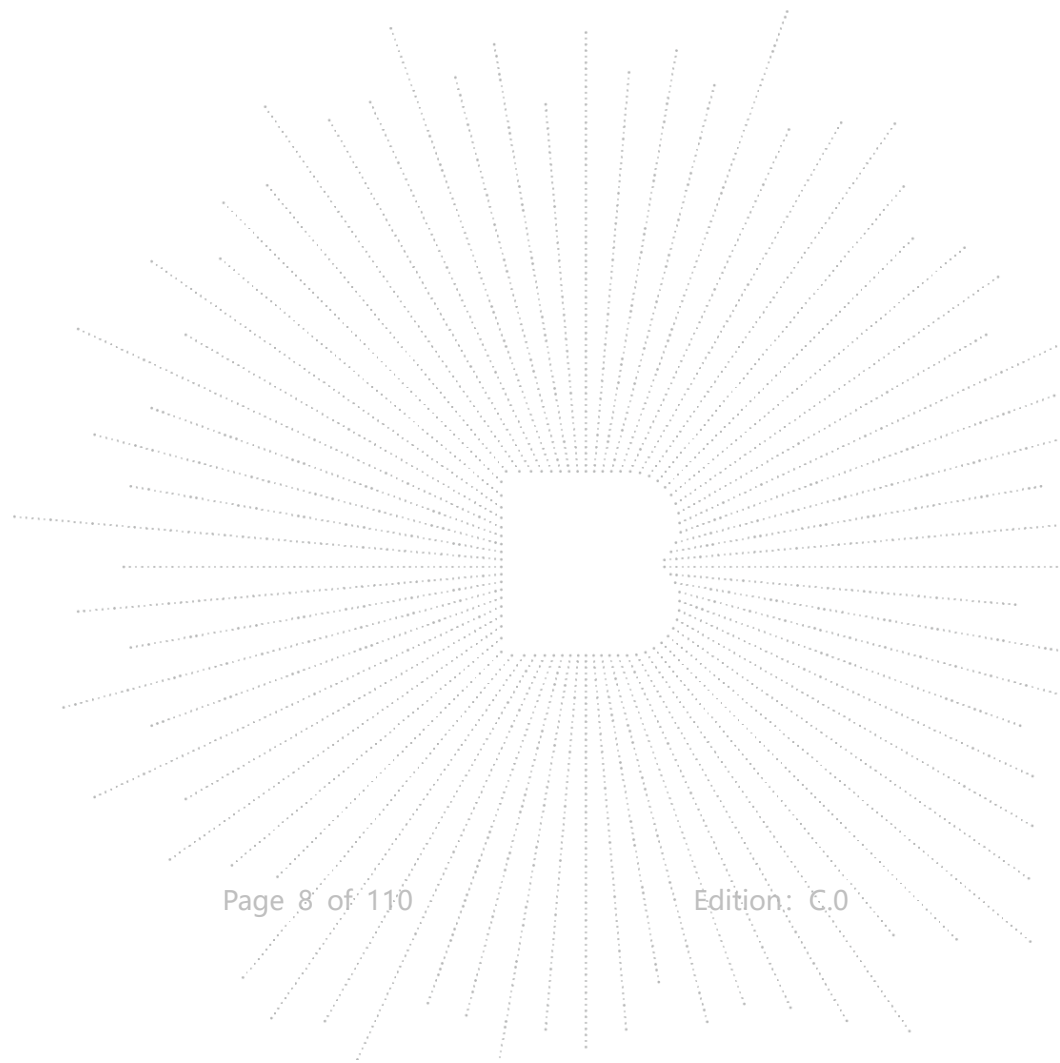
NVNT	Band4	3	20385	1	#Max	16QAM	22.67	-6.84	15.83	PASS
NVNT	Band4	3	20385	8	#0	16QAM	21.03	-6.84	14.19	PASS
NVNT	Band4	3	20385	8	#Mid	16QAM	21.10	-6.84	14.26	PASS
NVNT	Band4	3	20385	8	#Max	16QAM	21.19	-6.84	14.35	PASS
NVNT	Band4	3	20385	15	#0	16QAM	21.02	-6.84	14.18	PASS
NVNT	Band4	5	19975	1	#0	QPSK	23.17	-6.84	16.33	PASS
NVNT	Band4	5	19975	1	#Mid	QPSK	23.07	-6.84	16.23	PASS
NVNT	Band4	5	19975	1	#Max	QPSK	23.15	-6.84	16.31	PASS
NVNT	Band4	5	19975	12	#0	QPSK	22.27	-6.84	15.43	PASS
NVNT	Band4	5	19975	12	#Mid	QPSK	22.27	-6.84	15.43	PASS
NVNT	Band4	5	19975	12	#Max	QPSK	22.25	-6.84	15.41	PASS
NVNT	Band4	5	19975	25	#0	QPSK	22.19	-6.84	15.35	PASS
NVNT	Band4	5	19975	1	#0	16QAM	22.45	-6.84	15.61	PASS
NVNT	Band4	5	19975	1	#Mid	16QAM	22.44	-6.84	15.60	PASS
NVNT	Band4	5	19975	1	#Max	16QAM	22.43	-6.84	15.59	PASS
NVNT	Band4	5	19975	12	#0	16QAM	21.19	-6.84	14.35	PASS
NVNT	Band4	5	19975	12	#Mid	16QAM	21.02	-6.84	14.18	PASS
NVNT	Band4	5	19975	12	#Max	16QAM	20.97	-6.84	14.13	PASS
NVNT	Band4	5	19975	25	#0	16QAM	21.10	-6.84	14.26	PASS
NVNT	Band4	5	20175	1	#0	QPSK	23.56	-6.84	16.72	PASS
NVNT	Band4	5	20175	1	#Mid	QPSK	23.55	-6.84	16.71	PASS
NVNT	Band4	5	20175	1	#Max	QPSK	23.55	-6.84	16.71	PASS
NVNT	Band4	5	20175	12	#0	QPSK	22.51	-6.84	15.67	PASS
NVNT	Band4	5	20175	12	#Mid	QPSK	22.40	-6.84	15.56	PASS
NVNT	Band4	5	20175	12	#Max	QPSK	22.42	-6.84	15.58	PASS
NVNT	Band4	5	20175	25	#0	QPSK	22.50	-6.84	15.66	PASS
NVNT	Band4	5	20175	1	#0	16QAM	22.13	-6.84	15.29	PASS
NVNT	Band4	5	20175	1	#Mid	16QAM	22.11	-6.84	15.27	PASS
NVNT	Band4	5	20175	1	#Max	16QAM	22.19	-6.84	15.35	PASS
NVNT	Band4	5	20175	12	#0	16QAM	21.29	-6.84	14.45	PASS
NVNT	Band4	5	20175	12	#Mid	16QAM	21.32	-6.84	14.48	PASS
NVNT	Band4	5	20175	12	#Max	16QAM	21.32	-6.84	14.48	PASS
NVNT	Band4	5	20175	25	#0	16QAM	21.53	-6.84	14.69	PASS
NVNT	Band4	5	20375	1	#0	QPSK	23.01	-6.84	16.17	PASS
NVNT	Band4	5	20375	1	#Mid	QPSK	22.96	-6.84	16.12	PASS
NVNT	Band4	5	20375	1	#Max	QPSK	22.96	-6.84	16.12	PASS
NVNT	Band4	5	20375	12	#0	QPSK	22.25	-6.84	15.41	PASS
NVNT	Band4	5	20375	12	#Mid	QPSK	22.13	-6.84	15.29	PASS
NVNT	Band4	5	20375	12	#Max	QPSK	22.15	-6.84	15.31	PASS
NVNT	Band4	5	20375	25	#0	QPSK	22.16	-6.84	15.32	PASS
NVNT	Band4	5	20375	1	#0	16QAM	22.53	-6.84	15.69	PASS
NVNT	Band4	5	20375	1	#Mid	16QAM	22.48	-6.84	15.64	PASS

NVNT	Band4	5	20375	1	#Max	16QAM	22.54	-6.84	15.70	PASS
NVNT	Band4	5	20375	12	#0	16QAM	21.22	-6.84	14.38	PASS
NVNT	Band4	5	20375	12	#Mid	16QAM	21.01	-6.84	14.17	PASS
NVNT	Band4	5	20375	12	#Max	16QAM	20.99	-6.84	14.15	PASS
NVNT	Band4	5	20375	25	#0	16QAM	21.00	-6.84	14.16	PASS
NVNT	Band4	10	20000	1	#0	QPSK	23.26	-6.84	16.42	PASS
NVNT	Band4	10	20000	1	#Mid	QPSK	23.23	-6.84	16.39	PASS
NVNT	Band4	10	20000	1	#Max	QPSK	23.24	-6.84	16.40	PASS
NVNT	Band4	10	20000	25	#0	QPSK	22.20	-6.84	15.36	PASS
NVNT	Band4	10	20000	25	#Mid	QPSK	22.20	-6.84	15.36	PASS
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NVNT	Band4	10	20000	50	#0	QPSK	22.34	-6.84	15.50	PASS
NVNT	Band4	10	20000	1	#0	16QAM	23.40	-6.84	16.56	PASS
NVNT	Band4	10	20000	1	#Mid	16QAM	23.42	-6.84	16.58	PASS
NVNT	Band4	10	20000	1	#Max	16QAM	23.39	-6.84	16.55	PASS
NVNT	Band4	10	20000	25	#0	16QAM	21.05	-6.84	14.21	PASS
NVNT	Band4	10	20000	25	#Mid	16QAM	21.16	-6.84	14.32	PASS
NVNT	Band4	10	20000	25	#Max	16QAM	21.06	-6.84	14.22	PASS
NVNT	Band4	10	20000	50	#0	16QAM	21.16	-6.84	14.32	PASS
NVNT	Band4	10	20175	1	#0	QPSK	23.52	-6.84	16.68	PASS
NVNT	Band4	10	20175	1	#Mid	QPSK	23.55	-6.84	16.71	PASS
NVNT	Band4	10	20175	1	#Max	QPSK	23.54	-6.84	16.70	PASS
NVNT	Band4	10	20175	25	#0	QPSK	22.48	-6.84	15.64	PASS
NVNT	Band4	10	20175	25	#Mid	QPSK	22.55	-6.84	15.71	PASS
NVNT	Band4	10	20175	25	#Max	QPSK	22.51	-6.84	15.67	PASS
NVNT	Band4	10	20175	50	#0	QPSK	22.44	-6.84	15.60	PASS
NVNT	Band4	10	20175	1	#0	16QAM	22.57	-6.84	15.73	PASS
NVNT	Band4	10	20175	1	#Mid	16QAM	22.54	-6.84	15.70	PASS
NVNT	Band4	10	20175	1	#Max	16QAM	22.53	-6.84	15.69	PASS
NVNT	Band4	10	20175	25	#0	16QAM	21.50	-6.84	14.66	PASS
NVNT	Band4	10	20175	25	#Mid	16QAM	21.55	-6.84	14.71	PASS
NVNT	Band4	10	20175	25	#Max	16QAM	21.52	-6.84	14.68	PASS
NVNT	Band4	10	20175	50	#0	16QAM	21.57	-6.84	14.73	PASS
NVNT	Band4	10	20350	1	#0	QPSK	23.28	-6.84	16.44	PASS
NVNT	Band4	10	20350	1	#Mid	QPSK	23.29	-6.84	16.45	PASS
NVNT	Band4	10	20350	1	#Max	QPSK	23.24	-6.84	16.40	PASS
NVNT	Band4	10	20350	25	#0	QPSK	22.18	-6.84	15.34	PASS
NVNT	Band4	10	20350	25	#Mid	QPSK	22.19	-6.84	15.35	PASS
NVNT	Band4	10	20350	25	#Max	QPSK	22.12	-6.84	15.28	PASS
NVNT	Band4	10	20350	50	#0	QPSK	22.25	-6.84	15.41	PASS
NVNT	Band4	10	20350	1	#0	16QAM	22.12	-6.84	15.28	PASS
NVNT	Band4	10	20350	1	#Mid	16QAM	22.05	-6.84	15.21	PASS

NVNT	Band4	10	20350	1	#Max	16QAM	21.95	-6.84	15.11	PASS
NVNT	Band4	10	20350	25	#0	16QAM	21.14	-6.84	14.30	PASS
NVNT	Band4	10	20350	25	#Mid	16QAM	21.15	-6.84	14.31	PASS
NVNT	Band4	10	20350	25	#Max	16QAM	21.05	-6.84	14.21	PASS
NVNT	Band4	10	20350	50	#0	16QAM	21.10	-6.84	14.26	PASS
NVNT	Band4	15	20025	1	#0	QPSK	23.18	-6.84	16.34	PASS
NVNT	Band4	15	20025	1	#Mid	QPSK	23.25	-6.84	16.41	PASS
NVNT	Band4	15	20025	1	#Max	QPSK	23.34	-6.84	16.50	PASS
NVNT	Band4	15	20025	36	#0	QPSK	22.22	-6.84	15.38	PASS
NVNT	Band4	15	20025	36	#Mid	QPSK	22.31	-6.84	15.47	PASS
NVNT	Band4	15	20025	36	#Max	QPSK	22.33	-6.84	15.49	PASS
NVNT	Band4	15	20025	75	#0	QPSK	22.34	-6.84	15.50	PASS
NVNT	Band4	15	20025	1	#0	16QAM	23.37	-6.84	16.53	PASS
NVNT	Band4	15	20025	1	#Mid	16QAM	23.38	-6.84	16.54	PASS
NVNT	Band4	15	20025	1	#Max	16QAM	23.49	-6.84	16.65	PASS
NVNT	Band4	15	20025	36	#0	16QAM	21.22	-6.84	14.38	PASS
NVNT	Band4	15	20025	36	#Mid	16QAM	21.10	-6.84	14.26	PASS
NVNT	Band4	15	20025	36	#Max	16QAM	21.12	-6.84	14.28	PASS
NVNT	Band4	15	20025	75	#0	16QAM	21.20	-6.84	14.36	PASS
NVNT	Band4	15	20175	1	#0	QPSK	23.48	-6.84	16.64	PASS
NVNT	Band4	15	20175	1	#Mid	QPSK	23.55	-6.84	16.71	PASS
NVNT	Band4	15	20175	1	#Max	QPSK	23.50	-6.84	16.66	PASS
NVNT	Band4	15	20175	36	#0	QPSK	22.57	-6.84	15.73	PASS
NVNT	Band4	15	20175	36	#Mid	QPSK	22.46	-6.84	15.62	PASS
NVNT	Band4	15	20175	36	#Max	QPSK	22.41	-6.84	15.57	PASS
NVNT	Band4	15	20175	75	#0	QPSK	22.46	-6.84	15.62	PASS
NVNT	Band4	15	20175	1	#0	16QAM	22.53	-6.84	15.69	PASS
NVNT	Band4	15	20175	1	#Mid	16QAM	22.56	-6.84	15.72	PASS
NVNT	Band4	15	20175	1	#Max	16QAM	22.47	-6.84	15.63	PASS
NVNT	Band4	15	20175	36	#0	16QAM	21.49	-6.84	14.65	PASS
NVNT	Band4	15	20175	36	#Mid	16QAM	21.66	-6.84	14.82	PASS
NVNT	Band4	15	20175	36	#Max	16QAM	21.62	-6.84	14.78	PASS
NVNT	Band4	15	20175	75	#0	16QAM	21.48	-6.84	14.64	PASS
NVNT	Band4	15	20325	1	#0	QPSK	23.58	-6.84	16.74	PASS
NVNT	Band4	15	20325	1	#Mid	QPSK	23.45	-6.84	16.61	PASS
NVNT	Band4	15	20325	1	#Max	QPSK	23.32	-6.84	16.48	PASS
NVNT	Band4	15	20325	36	#0	QPSK	22.34	-6.84	15.50	PASS
NVNT	Band4	15	20325	36	#Mid	QPSK	22.25	-6.84	15.41	PASS
NVNT	Band4	15	20325	36	#Max	QPSK	22.26	-6.84	15.42	PASS
NVNT	Band4	15	20325	75	#0	QPSK	22.27	-6.84	15.43	PASS
NVNT	Band4	15	20325	1	#0	16QAM	22.42	-6.84	15.58	PASS
NVNT	Band4	15	20325	1	#Mid	16QAM	22.30	-6.84	15.46	PASS

NVNT	Band4	15	20325	1	#Max	16QAM	22.19	-6.84	15.35	PASS
NVNT	Band4	15	20325	36	#0	16QAM	21.26	-6.84	14.42	PASS
NVNT	Band4	15	20325	36	#Mid	16QAM	21.19	-6.84	14.35	PASS
NVNT	Band4	15	20325	36	#Max	16QAM	21.33	-6.84	14.49	PASS
NVNT	Band4	15	20325	75	#0	16QAM	21.17	-6.84	14.33	PASS
NVNT	Band4	20	20050	1	#0	QPSK	23.18	-6.84	16.34	PASS
NVNT	Band4	20	20050	1	#Mid	QPSK	23.32	-6.84	16.48	PASS
NVNT	Band4	20	20050	1	#Max	QPSK	23.54	-6.84	16.70	PASS
NVNT	Band4	20	20050	50	#0	QPSK	22.23	-6.84	15.39	PASS
NVNT	Band4	20	20050	50	#Mid	QPSK	22.33	-6.84	15.49	PASS
NVNT	Band4	20	20050	50	#Max	QPSK	22.40	-6.84	15.56	PASS
NVNT	Band4	20	20050	100	#0	QPSK	22.39	-6.84	15.55	PASS
NVNT	Band4	20	20050	1	#0	16QAM	21.84	-6.84	15.00	PASS
NVNT	Band4	20	20050	1	#Mid	16QAM	21.95	-6.84	15.11	PASS
NVNT	Band4	20	20050	1	#Max	16QAM	22.18	-6.84	15.34	PASS
NVNT	Band4	20	20050	50	#0	16QAM	21.31	-6.84	14.47	PASS
NVNT	Band4	20	20050	50	#Mid	16QAM	21.25	-6.84	14.41	PASS
NVNT	Band4	20	20050	50	#Max	16QAM	21.48	-6.84	14.64	PASS
NVNT	Band4	20	20050	100	#0	16QAM	21.15	-6.84	14.31	PASS
NVNT	Band4	20	20175	1	#0	QPSK	23.52	-6.84	16.68	PASS
NVNT	Band4	20	20175	1	#Mid	QPSK	23.68	-6.84	16.84	PASS
NVNT	Band4	20	20175	1	#Max	QPSK	23.61	-6.84	16.77	PASS
NVNT	Band4	20	20175	50	#0	QPSK	22.49	-6.84	15.65	PASS
NVNT	Band4	20	20175	50	#Mid	QPSK	22.52	-6.84	15.68	PASS
NVNT	Band4	20	20175	50	#Max	QPSK	22.39	-6.84	15.55	PASS
NVNT	Band4	20	20175	100	#0	QPSK	22.48	-6.84	15.64	PASS
NVNT	Band4	20	20175	1	#0	16QAM	22.70	-6.84	15.86	PASS
NVNT	Band4	20	20175	1	#Mid	16QAM	22.80	-6.84	15.96	PASS
NVNT	Band4	20	20175	1	#Max	16QAM	22.61	-6.84	15.77	PASS
NVNT	Band4	20	20175	50	#0	16QAM	21.49	-6.84	14.65	PASS
NVNT	Band4	20	20175	50	#Mid	16QAM	21.51	-6.84	14.67	PASS
NVNT	Band4	20	20175	50	#Max	16QAM	21.43	-6.84	14.59	PASS
NVNT	Band4	20	20175	100	#0	16QAM	21.46	-6.84	14.62	PASS
NVNT	Band4	20	20300	1	#0	QPSK	23.67	-6.84	16.83	PASS
NVNT	Band4	20	20300	1	#Mid	QPSK	23.48	-6.84	16.64	PASS
NVNT	Band4	20	20300	1	#Max	QPSK	23.31	-6.84	16.47	PASS
NVNT	Band4	20	20300	50	#0	QPSK	22.38	-6.84	15.54	PASS
NVNT	Band4	20	20300	50	#Mid	QPSK	22.37	-6.84	15.53	PASS
NVNT	Band4	20	20300	50	#Max	QPSK	22.11	-6.84	15.27	PASS
NVNT	Band4	20	20300	100	#0	QPSK	22.28	-6.84	15.44	PASS
NVNT	Band4	20	20300	1	#0	16QAM	22.56	-6.84	15.72	PASS
NVNT	Band4	20	20300	1	#Mid	16QAM	22.44	-6.84	15.60	PASS

NVNT	Band4	20	20300	1	#Max	16QAM	22.23	-6.84	15.39	PASS
NVNT	Band4	20	20300	50	#0	16QAM	21.30	-6.84	14.46	PASS
NVNT	Band4	20	20300	50	#Mid	16QAM	21.13	-6.84	14.29	PASS
NVNT	Band4	20	20300	50	#Max	16QAM	21.15	-6.84	14.31	PASS
NVNT	Band4	20	20300	100	#0	16QAM	21.19	-6.84	14.35	PASS



Appendix 2.Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band4	1.4	19957	6	#0	QPSK	LV	NT	-31.84	-0.019	PASS
Band4	1.4	19957	6	#0	QPSK	NV	NT	-39.02	-0.023	PASS
Band4	1.4	19957	6	#0	QPSK	HV	NT	-35.93	-0.021	PASS
Band4	1.4	19957	6	#0	16QAM	LV	NT	-8.43	-0.005	PASS
Band4	1.4	19957	6	#0	16QAM	NV	NT	-12.96	-0.008	PASS
Band4	1.4	19957	6	#0	16QAM	HV	NT	-12.95	-0.008	PASS
Band4	1.4	20175	6	#0	QPSK	LV	NT	43.44	0.025	PASS
Band4	1.4	20175	6	#0	QPSK	NV	NT	-0.54	0.000	PASS
Band4	1.4	20175	6	#0	QPSK	HV	NT	2.89	0.002	PASS
Band4	1.4	20175	6	#0	16QAM	LV	NT	12.26	0.007	PASS
Band4	1.4	20175	6	#0	16QAM	NV	NT	17.21	0.010	PASS
Band4	1.4	20175	6	#0	16QAM	HV	NT	23.62	0.014	PASS
Band4	1.4	20393	6	#0	QPSK	LV	NT	4.84	0.003	PASS
Band4	1.4	20393	6	#0	QPSK	NV	NT	2.59	0.001	PASS
Band4	1.4	20393	6	#0	QPSK	HV	NT	-9.30	-0.005	PASS
Band4	1.4	20393	6	#0	16QAM	LV	NT	-7.22	-0.004	PASS
Band4	1.4	20393	6	#0	16QAM	NV	NT	-3.29	-0.002	PASS
Band4	1.4	20393	6	#0	16QAM	HV	NT	7.08	0.004	PASS
Band4	3	19965	15	#0	QPSK	LV	NT	-36.92	-0.022	PASS
Band4	3	19965	15	#0	QPSK	NV	NT	-32.59	-0.019	PASS
Band4	3	19965	15	#0	QPSK	HV	NT	-24.96	-0.015	PASS
Band4	3	19965	15	#0	16QAM	LV	NT	-38.25	-0.022	PASS
Band4	3	19965	15	#0	16QAM	NV	NT	-36.16	-0.021	PASS
Band4	3	19965	15	#0	16QAM	HV	NT	-30.38	-0.018	PASS
Band4	3	20175	15	#0	QPSK	LV	NT	0.21	0.000	PASS
Band4	3	20175	15	#0	QPSK	NV	NT	2.13	0.001	PASS
Band4	3	20175	15	#0	QPSK	HV	NT	-0.40	0.000	PASS
Band4	3	20175	15	#0	16QAM	LV	NT	-1.44	-0.001	PASS
Band4	3	20175	15	#0	16QAM	NV	NT	2.45	0.001	PASS
Band4	3	20175	15	#0	16QAM	HV	NT	11.53	0.007	PASS
Band4	3	20385	15	#0	QPSK	LV	NT	20.81	0.012	PASS
Band4	3	20385	15	#0	QPSK	NV	NT	8.07	0.005	PASS
Band4	3	20385	15	#0	QPSK	HV	NT	-0.62	0.000	PASS
Band4	3	20385	15	#0	16QAM	LV	NT	3.26	0.002	PASS
Band4	3	20385	15	#0	16QAM	NV	NT	2.47	0.001	PASS
Band4	3	20385	15	#0	16QAM	HV	NT	10.79	0.006	PASS
Band4	5	19975	25	#0	QPSK	LV	NT	-33.62	-0.020	PASS
Band4	5	19975	25	#0	QPSK	NV	NT	-7.28	-0.004	PASS

Band4	5	19975	25	#0	QPSK	HV	NT	-23.52	-0.014	PASS
Band4	5	19975	25	#0	16QAM	LV	NT	-6.02	-0.004	PASS
Band4	5	19975	25	#0	16QAM	NV	NT	0.14	0.000	PASS
Band4	5	19975	25	#0	16QAM	HV	NT	8.88	0.005	PASS
Band4	5	20175	25	#0	QPSK	LV	NT	5.72	0.003	PASS
Band4	5	20175	25	#0	QPSK	NV	NT	4.28	0.002	PASS
Band4	5	20175	25	#0	QPSK	HV	NT	7.04	0.004	PASS
Band4	5	20175	25	#0	16QAM	LV	NT	7.62	0.004	PASS
Band4	5	20175	25	#0	16QAM	NV	NT	11.94	0.007	PASS
Band4	5	20175	25	#0	16QAM	HV	NT	19.67	0.011	PASS
Band4	5	20375	25	#0	QPSK	LV	NT	5.25	0.003	PASS
Band4	5	20375	25	#0	QPSK	NV	NT	-2.32	-0.001	PASS
Band4	5	20375	25	#0	QPSK	HV	NT	-7.07	-0.004	PASS
Band4	5	20375	25	#0	16QAM	LV	NT	-5.34	-0.003	PASS
Band4	5	20375	25	#0	16QAM	NV	NT	4.81	0.003	PASS
Band4	5	20375	25	#0	16QAM	HV	NT	16.88	0.010	PASS
Band4	10	20000	50	#0	QPSK	LV	NT	0.70	0.000	PASS
Band4	10	20000	50	#0	QPSK	NV	NT	-4.39	-0.003	PASS
Band4	10	20000	50	#0	QPSK	HV	NT	-29.64	-0.017	PASS
Band4	10	20000	50	#0	16QAM	LV	NT	-30.71	-0.018	PASS
Band4	10	20000	50	#0	16QAM	NV	NT	-21.34	-0.012	PASS
Band4	10	20000	50	#0	16QAM	HV	NT	-13.32	-0.008	PASS
Band4	10	20175	50	#0	QPSK	LV	NT	6.09	0.004	PASS
Band4	10	20175	50	#0	QPSK	NV	NT	2.60	0.002	PASS
Band4	10	20175	50	#0	QPSK	HV	NT	2.68	0.002	PASS
Band4	10	20175	50	#0	16QAM	LV	NT	-1.92	-0.001	PASS
Band4	10	20175	50	#0	16QAM	NV	NT	7.93	0.005	PASS
Band4	10	20175	50	#0	16QAM	HV	NT	10.17	0.006	PASS
Band4	10	20350	50	#0	QPSK	LV	NT	16.97	0.010	PASS
Band4	10	20350	50	#0	QPSK	NV	NT	5.69	0.003	PASS
Band4	10	20350	50	#0	QPSK	HV	NT	-0.31	0.000	PASS
Band4	10	20350	50	#0	16QAM	LV	NT	5.29	0.003	PASS
Band4	10	20350	50	#0	16QAM	NV	NT	19.23	0.011	PASS
Band4	10	20350	50	#0	16QAM	HV	NT	24.69	0.014	PASS
Band4	15	20025	75	#0	QPSK	LV	NT	-21.27	-0.012	PASS
Band4	15	20025	75	#0	QPSK	NV	NT	-31.17	-0.018	PASS
Band4	15	20025	75	#0	QPSK	HV	NT	-8.88	-0.005	PASS
Band4	15	20025	75	#0	16QAM	LV	NT	0.79	0.000	PASS
Band4	15	20025	75	#0	16QAM	NV	NT	10.87	0.006	PASS
Band4	15	20025	75	#0	16QAM	HV	NT	14.19	0.008	PASS
Band4	15	20175	75	#0	QPSK	LV	NT	5.74	0.003	PASS
Band4	15	20175	75	#0	QPSK	NV	NT	-4.66	-0.003	PASS

Band4	15	20175	75	#0	QPSK	HV	NT	-8.05	-0.005	PASS
Band4	15	20175	75	#0	16QAM	LV	NT	-4.21	-0.002	PASS
Band4	15	20175	75	#0	16QAM	NV	NT	2.42	0.001	PASS
Band4	15	20175	75	#0	16QAM	HV	NT	10.06	0.006	PASS
Band4	15	20325	75	#0	QPSK	LV	NT	-12.12	-0.007	PASS
Band4	15	20325	75	#0	QPSK	NV	NT	-29.41	-0.017	PASS
Band4	15	20325	75	#0	QPSK	HV	NT	-21.19	-0.012	PASS
Band4	15	20325	75	#0	16QAM	LV	NT	-1.09	-0.001	PASS
Band4	15	20325	75	#0	16QAM	NV	NT	23.49	0.013	PASS
Band4	15	20325	75	#0	16QAM	HV	NT	0.79	0.000	PASS
Band4	20	20050	100	#0	QPSK	LV	NT	-21.26	-0.012	PASS
Band4	20	20050	100	#0	QPSK	NV	NT	-30.03	-0.017	PASS
Band4	20	20050	100	#0	QPSK	HV	NT	-9.30	-0.005	PASS
Band4	20	20050	100	#0	16QAM	LV	NT	1.03	0.001	PASS
Band4	20	20050	100	#0	16QAM	NV	NT	21.21	0.012	PASS
Band4	20	20050	100	#0	16QAM	HV	NT	28.20	0.016	PASS
Band4	20	20175	100	#0	QPSK	LV	NT	9.37	0.005	PASS
Band4	20	20175	100	#0	QPSK	NV	NT	3.36	0.002	PASS
Band4	20	20175	100	#0	QPSK	HV	NT	9.37	0.005	PASS
Band4	20	20175	100	#0	16QAM	LV	NT	19.96	0.012	PASS
Band4	20	20175	100	#0	16QAM	NV	NT	29.11	0.017	PASS
Band4	20	20175	100	#0	16QAM	HV	NT	32.22	0.019	PASS
Band4	20	20300	100	#0	QPSK	LV	NT	10.94	0.006	PASS
Band4	20	20300	100	#0	QPSK	NV	NT	2.50	0.001	PASS
Band4	20	20300	100	#0	QPSK	HV	NT	5.78	0.003	PASS
Band4	20	20300	100	#0	16QAM	LV	NT	26.26	0.015	PASS
Band4	20	20300	100	#0	16QAM	NV	NT	-0.19	0.000	PASS
Band4	20	20300	100	#0	16QAM	HV	NT	13.29	0.008	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band4	1.4	19957	6	#0	QPSK	NV	-30	-36.81	-0.022	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-20	-31.41	-0.018	PASS
Band4	1.4	19957	6	#0	QPSK	NV	0	-24.43	-0.014	PASS
Band4	1.4	19957	6	#0	QPSK	NV	10	-31.64	-0.018	PASS
Band4	1.4	19957	6	#0	QPSK	NV	20	-8.51	-0.005	PASS
Band4	1.4	19957	6	#0	QPSK	NV	30	30.10	0.018	PASS
Band4	1.4	19957	6	#0	QPSK	NV	40	21.70	0.013	PASS
Band4	1.4	19957	6	#0	QPSK	NV	50	26.66	0.016	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-30	28.87	0.017	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-20	32.43	0.019	PASS
Band4	1.4	19957	6	#0	16QAM	NV	0	35.02	0.020	PASS

Band4	1.4	19957	6	#0	16QAM	NV	10	26.78	0.016	PASS
Band4	1.4	19957	6	#0	16QAM	NV	20	33.19	0.019	PASS
Band4	1.4	19957	6	#0	16QAM	NV	30	27.95	0.016	PASS
Band4	1.4	19957	6	#0	16QAM	NV	40	28.77	0.017	PASS
Band4	1.4	19957	6	#0	16QAM	NV	50	14.15	0.008	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-30	15.28	0.009	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-20	32.73	0.019	PASS
Band4	1.4	20175	6	#0	QPSK	NV	0	46.82	0.027	PASS
Band4	1.4	20175	6	#0	QPSK	NV	10	20.63	0.012	PASS
Band4	1.4	20175	6	#0	QPSK	NV	20	45.25	0.026	PASS
Band4	1.4	20175	6	#0	QPSK	NV	30	6.12	0.004	PASS
Band4	1.4	20175	6	#0	QPSK	NV	40	16.39	0.009	PASS
Band4	1.4	20175	6	#0	QPSK	NV	50	31.97	0.018	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-30	34.12	0.020	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-20	33.13	0.019	PASS
Band4	1.4	20175	6	#0	16QAM	NV	0	9.14	0.005	PASS
Band4	1.4	20175	6	#0	16QAM	NV	10	23.42	0.014	PASS
Band4	1.4	20175	6	#0	16QAM	NV	20	36.94	0.021	PASS
Band4	1.4	20175	6	#0	16QAM	NV	30	22.20	0.013	PASS
Band4	1.4	20175	6	#0	16QAM	NV	40	14.39	0.008	PASS
Band4	1.4	20175	6	#0	16QAM	NV	50	20.44	0.012	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-30	-1.06	-0.001	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-20	-7.84	-0.004	PASS
Band4	1.4	20393	6	#0	QPSK	NV	0	8.25	0.005	PASS
Band4	1.4	20393	6	#0	QPSK	NV	10	34.15	0.019	PASS
Band4	1.4	20393	6	#0	QPSK	NV	20	31.01	0.018	PASS
Band4	1.4	20393	6	#0	QPSK	NV	30	21.60	0.012	PASS
Band4	1.4	20393	6	#0	QPSK	NV	40	30.16	0.017	PASS
Band4	1.4	20393	6	#0	QPSK	NV	50	32.56	0.019	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-30	18.12	0.010	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-20	21.96	0.013	PASS
Band4	1.4	20393	6	#0	16QAM	NV	0	29.05	0.017	PASS
Band4	1.4	20393	6	#0	16QAM	NV	10	36.95	0.021	PASS
Band4	1.4	20393	6	#0	16QAM	NV	20	24.63	0.014	PASS
Band4	1.4	20393	6	#0	16QAM	NV	30	28.54	0.016	PASS
Band4	1.4	20393	6	#0	16QAM	NV	40	19.08	0.011	PASS
Band4	1.4	20393	6	#0	16QAM	NV	50	18.15	0.010	PASS
Band4	3	19965	15	#0	QPSK	NV	-30	-40.18	-0.023	PASS
Band4	3	19965	15	#0	QPSK	NV	-20	-33.93	-0.020	PASS
Band4	3	19965	15	#0	QPSK	NV	0	-34.35	-0.020	PASS
Band4	3	19965	15	#0	QPSK	NV	10	-22.47	-0.013	PASS
Band4	3	19965	15	#0	QPSK	NV	20	-11.22	-0.007	PASS

Band4	3	19965	15	#0	QPSK	NV	30	20.67	0.012	PASS
Band4	3	19965	15	#0	QPSK	NV	40	30.54	0.018	PASS
Band4	3	19965	15	#0	QPSK	NV	50	8.60	0.005	PASS
Band4	3	19965	15	#0	16QAM	NV	-30	35.31	0.021	PASS
Band4	3	19965	15	#0	16QAM	NV	-20	26.09	0.015	PASS
Band4	3	19965	15	#0	16QAM	NV	0	34.07	0.020	PASS
Band4	3	19965	15	#0	16QAM	NV	10	26.22	0.015	PASS
Band4	3	19965	15	#0	16QAM	NV	20	33.55	0.020	PASS
Band4	3	19965	15	#0	16QAM	NV	30	6.49	0.004	PASS
Band4	3	19965	15	#0	16QAM	NV	40	23.03	0.013	PASS
Band4	3	19965	15	#0	16QAM	NV	50	1.10	0.001	PASS
Band4	3	20175	15	#0	QPSK	NV	-30	3.25	0.002	PASS
Band4	3	20175	15	#0	QPSK	NV	-20	-1.10	-0.001	PASS
Band4	3	20175	15	#0	QPSK	NV	0	0.64	0.000	PASS
Band4	3	20175	15	#0	QPSK	NV	10	10.99	0.006	PASS
Band4	3	20175	15	#0	QPSK	NV	20	30.84	0.018	PASS
Band4	3	20175	15	#0	QPSK	NV	30	14.10	0.008	PASS
Band4	3	20175	15	#0	QPSK	NV	40	43.24	0.025	PASS
Band4	3	20175	15	#0	QPSK	NV	50	35.86	0.021	PASS
Band4	3	20175	15	#0	16QAM	NV	-30	3.30	0.002	PASS
Band4	3	20175	15	#0	16QAM	NV	-20	30.53	0.018	PASS
Band4	3	20175	15	#0	16QAM	NV	0	10.99	0.006	PASS
Band4	3	20175	15	#0	16QAM	NV	10	23.12	0.013	PASS
Band4	3	20175	15	#0	16QAM	NV	20	28.71	0.017	PASS
Band4	3	20175	15	#0	16QAM	NV	30	30.88	0.018	PASS
Band4	3	20175	15	#0	16QAM	NV	40	28.00	0.016	PASS
Band4	3	20175	15	#0	16QAM	NV	50	28.28	0.016	PASS
Band4	3	20385	15	#0	QPSK	NV	-30	7.24	0.004	PASS
Band4	3	20385	15	#0	QPSK	NV	-20	-6.88	-0.004	PASS
Band4	3	20385	15	#0	QPSK	NV	0	2.23	0.001	PASS
Band4	3	20385	15	#0	QPSK	NV	10	39.47	0.023	PASS
Band4	3	20385	15	#0	QPSK	NV	20	11.24	0.006	PASS
Band4	3	20385	15	#0	QPSK	NV	30	33.29	0.019	PASS
Band4	3	20385	15	#0	QPSK	NV	40	25.03	0.014	PASS
Band4	3	20385	15	#0	QPSK	NV	50	17.75	0.010	PASS
Band4	3	20385	15	#0	16QAM	NV	-30	35.22	0.020	PASS
Band4	3	20385	15	#0	16QAM	NV	-20	22.04	0.013	PASS
Band4	3	20385	15	#0	16QAM	NV	0	31.56	0.018	PASS
Band4	3	20385	15	#0	16QAM	NV	10	23.00	0.013	PASS
Band4	3	20385	15	#0	16QAM	NV	20	41.50	0.024	PASS
Band4	3	20385	15	#0	16QAM	NV	30	11.86	0.007	PASS
Band4	3	20385	15	#0	16QAM	NV	40	22.53	0.013	PASS

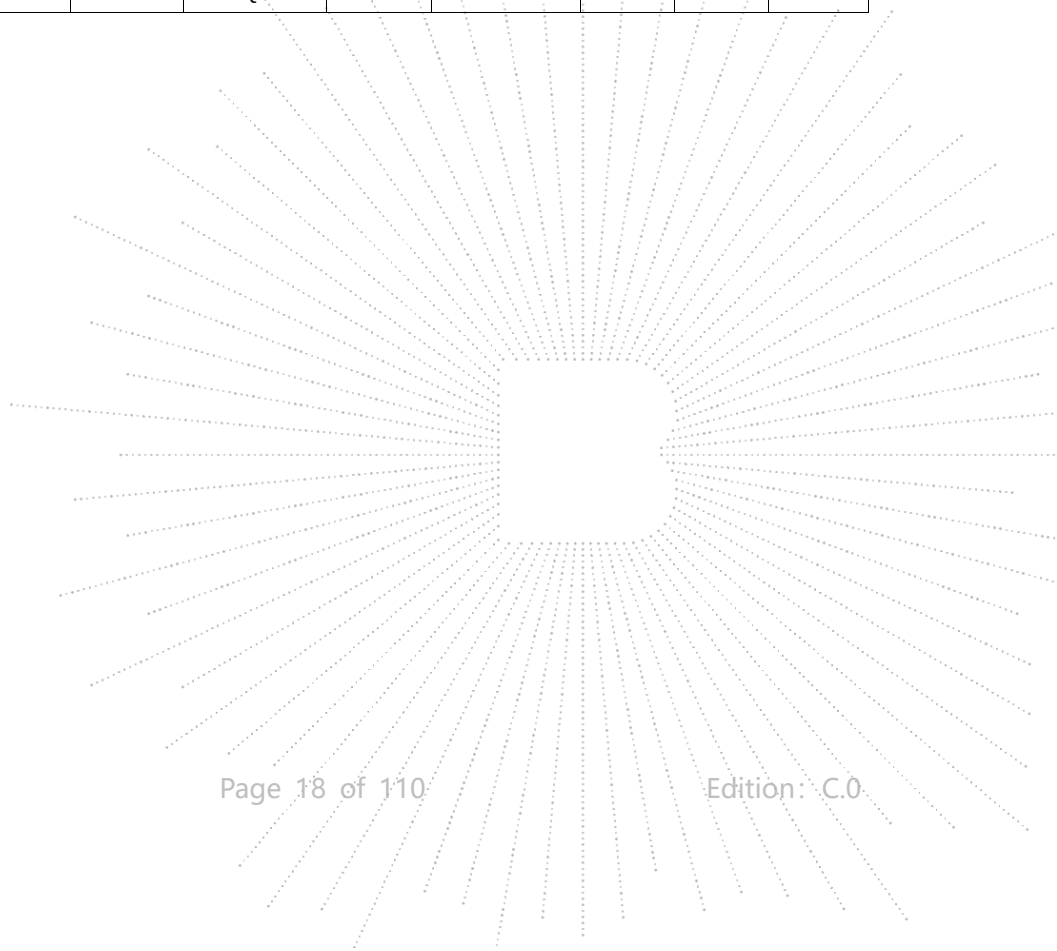
Band4	3	20385	15	#0	16QAM	NV	50	27.05	0.015	PASS
Band4	5	19975	25	#0	QPSK	NV	-30	-32.52	-0.019	PASS
Band4	5	19975	25	#0	QPSK	NV	-20	-23.30	-0.014	PASS
Band4	5	19975	25	#0	QPSK	NV	0	-28.04	-0.016	PASS
Band4	5	19975	25	#0	QPSK	NV	10	-31.06	-0.018	PASS
Band4	5	19975	25	#0	QPSK	NV	20	-10.80	-0.006	PASS
Band4	5	19975	25	#0	QPSK	NV	30	28.67	0.017	PASS
Band4	5	19975	25	#0	QPSK	NV	40	31.73	0.019	PASS
Band4	5	19975	25	#0	QPSK	NV	50	9.56	0.006	PASS
Band4	5	19975	25	#0	16QAM	NV	-30	32.10	0.019	PASS
Band4	5	19975	25	#0	16QAM	NV	-20	26.05	0.015	PASS
Band4	5	19975	25	#0	16QAM	NV	0	23.90	0.014	PASS
Band4	5	19975	25	#0	16QAM	NV	10	36.62	0.021	PASS
Band4	5	19975	25	#0	16QAM	NV	20	2.88	0.002	PASS
Band4	5	19975	25	#0	16QAM	NV	30	10.94	0.006	PASS
Band4	5	19975	25	#0	16QAM	NV	40	21.24	0.012	PASS
Band4	5	19975	25	#0	16QAM	NV	50	28.01	0.016	PASS
Band4	5	20175	25	#0	QPSK	NV	-30	-2.73	-0.002	PASS
Band4	5	20175	25	#0	QPSK	NV	-20	-16.29	-0.009	PASS
Band4	5	20175	25	#0	QPSK	NV	0	-15.92	-0.009	PASS
Band4	5	20175	25	#0	QPSK	NV	10	-2.62	-0.002	PASS
Band4	5	20175	25	#0	QPSK	NV	20	16.24	0.009	PASS
Band4	5	20175	25	#0	QPSK	NV	30	10.47	0.006	PASS
Band4	5	20175	25	#0	QPSK	NV	40	27.67	0.016	PASS
Band4	5	20175	25	#0	QPSK	NV	50	21.21	0.012	PASS
Band4	5	20175	25	#0	16QAM	NV	-30	30.21	0.017	PASS
Band4	5	20175	25	#0	16QAM	NV	-20	23.82	0.014	PASS
Band4	5	20175	25	#0	16QAM	NV	0	11.76	0.007	PASS
Band4	5	20175	25	#0	16QAM	NV	10	5.16	0.003	PASS
Band4	5	20175	25	#0	16QAM	NV	20	-1.75	-0.001	PASS
Band4	5	20175	25	#0	16QAM	NV	30	-12.45	-0.007	PASS
Band4	5	20175	25	#0	16QAM	NV	40	-23.17	-0.013	PASS
Band4	5	20175	25	#0	16QAM	NV	50	-28.37	-0.016	PASS
Band4	5	20375	25	#0	QPSK	NV	-30	-0.31	0.000	PASS
Band4	5	20375	25	#0	QPSK	NV	-20	-7.68	-0.004	PASS
Band4	5	20375	25	#0	QPSK	NV	0	10.54	0.006	PASS
Band4	5	20375	25	#0	QPSK	NV	10	14.09	0.008	PASS
Band4	5	20375	25	#0	QPSK	NV	20	11.86	0.007	PASS
Band4	5	20375	25	#0	QPSK	NV	30	28.95	0.017	PASS
Band4	5	20375	25	#0	QPSK	NV	40	20.01	0.011	PASS
Band4	5	20375	25	#0	QPSK	NV	50	29.27	0.017	PASS
Band4	5	20375	25	#0	16QAM	NV	-30	26.42	0.015	PASS

Band4	5	20375	25	#0	16QAM	NV	-20	22.03	0.013	PASS
Band4	5	20375	25	#0	16QAM	NV	0	21.03	0.012	PASS
Band4	5	20375	25	#0	16QAM	NV	10	33.89	0.019	PASS
Band4	5	20375	25	#0	16QAM	NV	20	10.57	0.006	PASS
Band4	5	20375	25	#0	16QAM	NV	30	24.98	0.014	PASS
Band4	5	20375	25	#0	16QAM	NV	40	16.75	0.010	PASS
Band4	5	20375	25	#0	16QAM	NV	50	27.84	0.016	PASS
Band4	10	20000	50	#0	QPSK	NV	-30	-46.19	-0.027	PASS
Band4	10	20000	50	#0	QPSK	NV	-20	-35.43	-0.021	PASS
Band4	10	20000	50	#0	QPSK	NV	0	-43.36	-0.025	PASS
Band4	10	20000	50	#0	QPSK	NV	10	0.62	0.000	PASS
Band4	10	20000	50	#0	QPSK	NV	20	21.99	0.013	PASS
Band4	10	20000	50	#0	QPSK	NV	30	18.68	0.011	PASS
Band4	10	20000	50	#0	QPSK	NV	40	27.17	0.016	PASS
Band4	10	20000	50	#0	QPSK	NV	50	28.10	0.016	PASS
Band4	10	20000	50	#0	16QAM	NV	-30	13.50	0.008	PASS
Band4	10	20000	50	#0	16QAM	NV	-20	21.54	0.013	PASS
Band4	10	20000	50	#0	16QAM	NV	0	19.64	0.011	PASS
Band4	10	20000	50	#0	16QAM	NV	10	15.86	0.009	PASS
Band4	10	20000	50	#0	16QAM	NV	20	14.68	0.009	PASS
Band4	10	20000	50	#0	16QAM	NV	30	39.73	0.023	PASS
Band4	10	20000	50	#0	16QAM	NV	40	14.52	0.008	PASS
Band4	10	20000	50	#0	16QAM	NV	50	18.41	0.011	PASS
Band4	10	20175	50	#0	QPSK	NV	-30	-19.38	-0.011	PASS
Band4	10	20175	50	#0	QPSK	NV	-20	-43.59	-0.025	PASS
Band4	10	20175	50	#0	QPSK	NV	0	12.20	0.007	PASS
Band4	10	20175	50	#0	QPSK	NV	10	3.03	0.002	PASS
Band4	10	20175	50	#0	QPSK	NV	20	20.24	0.012	PASS
Band4	10	20175	50	#0	QPSK	NV	30	24.72	0.014	PASS
Band4	10	20175	50	#0	QPSK	NV	40	25.63	0.015	PASS
Band4	10	20175	50	#0	QPSK	NV	50	36.32	0.021	PASS
Band4	10	20175	50	#0	16QAM	NV	-30	24.72	0.014	PASS
Band4	10	20175	50	#0	16QAM	NV	-20	14.96	0.009	PASS
Band4	10	20175	50	#0	16QAM	NV	0	7.87	0.005	PASS
Band4	10	20175	50	#0	16QAM	NV	10	-11.84	-0.007	PASS
Band4	10	20175	50	#0	16QAM	NV	20	-33.32	-0.019	PASS
Band4	10	20175	50	#0	16QAM	NV	30	-34.52	-0.020	PASS
Band4	10	20175	50	#0	16QAM	NV	40	7.04	0.004	PASS
Band4	10	20175	50	#0	16QAM	NV	50	0.41	0.000	PASS
Band4	10	20350	50	#0	QPSK	NV	-30	-21.07	-0.012	PASS
Band4	10	20350	50	#0	QPSK	NV	-20	-16.42	-0.009	PASS
Band4	10	20350	50	#0	QPSK	NV	0	16.62	0.009	PASS

Band4	10	20350	50	#0	QPSK	NV	10	29.35	0.017	PASS
Band4	10	20350	50	#0	QPSK	NV	20	29.14	0.017	PASS
Band4	10	20350	50	#0	QPSK	NV	30	23.93	0.014	PASS
Band4	10	20350	50	#0	QPSK	NV	40	32.62	0.019	PASS
Band4	10	20350	50	#0	QPSK	NV	50	27.64	0.016	PASS
Band4	10	20350	50	#0	16QAM	NV	-30	28.58	0.016	PASS
Band4	10	20350	50	#0	16QAM	NV	-20	24.26	0.014	PASS
Band4	10	20350	50	#0	16QAM	NV	0	21.89	0.013	PASS
Band4	10	20350	50	#0	16QAM	NV	10	21.47	0.012	PASS
Band4	10	20350	50	#0	16QAM	NV	20	24.10	0.014	PASS
Band4	10	20350	50	#0	16QAM	NV	30	9.56	0.005	PASS
Band4	10	20350	50	#0	16QAM	NV	40	27.77	0.016	PASS
Band4	10	20350	50	#0	16QAM	NV	50	17.42	0.010	PASS
Band4	15	20025	75	#0	QPSK	NV	-30	-41.16	-0.024	PASS
Band4	15	20025	75	#0	QPSK	NV	-20	-40.98	-0.024	PASS
Band4	15	20025	75	#0	QPSK	NV	0	-23.10	-0.013	PASS
Band4	15	20025	75	#0	QPSK	NV	10	14.78	0.009	PASS
Band4	15	20025	75	#0	QPSK	NV	20	17.61	0.010	PASS
Band4	15	20025	75	#0	QPSK	NV	30	34.93	0.020	PASS
Band4	15	20025	75	#0	QPSK	NV	40	11.09	0.006	PASS
Band4	15	20025	75	#0	QPSK	NV	50	15.25	0.009	PASS
Band4	15	20025	75	#0	16QAM	NV	-30	25.55	0.015	PASS
Band4	15	20025	75	#0	16QAM	NV	-20	23.66	0.014	PASS
Band4	15	20025	75	#0	16QAM	NV	0	31.37	0.018	PASS
Band4	15	20025	75	#0	16QAM	NV	10	32.52	0.019	PASS
Band4	15	20025	75	#0	16QAM	NV	20	29.41	0.017	PASS
Band4	15	20025	75	#0	16QAM	NV	30	23.40	0.014	PASS
Band4	15	20025	75	#0	16QAM	NV	40	15.25	0.009	PASS
Band4	15	20025	75	#0	16QAM	NV	50	18.25	0.011	PASS
Band4	15	20175	75	#0	QPSK	NV	-30	-22.72	-0.013	PASS
Band4	15	20175	75	#0	QPSK	NV	-20	-27.49	-0.016	PASS
Band4	15	20175	75	#0	QPSK	NV	0	21.14	0.012	PASS
Band4	15	20175	75	#0	QPSK	NV	10	26.06	0.015	PASS
Band4	15	20175	75	#0	QPSK	NV	20	19.40	0.011	PASS
Band4	15	20175	75	#0	QPSK	NV	30	22.96	0.013	PASS
Band4	15	20175	75	#0	QPSK	NV	40	17.22	0.010	PASS
Band4	15	20175	75	#0	QPSK	NV	50	18.32	0.011	PASS
Band4	15	20175	75	#0	16QAM	NV	-30	22.16	0.013	PASS
Band4	15	20175	75	#0	16QAM	NV	-20	11.89	0.007	PASS
Band4	15	20175	75	#0	16QAM	NV	0	3.85	0.002	PASS
Band4	15	20175	75	#0	16QAM	NV	10	-12.40	-0.007	PASS
Band4	15	20175	75	#0	16QAM	NV	20	-3.12	-0.002	PASS

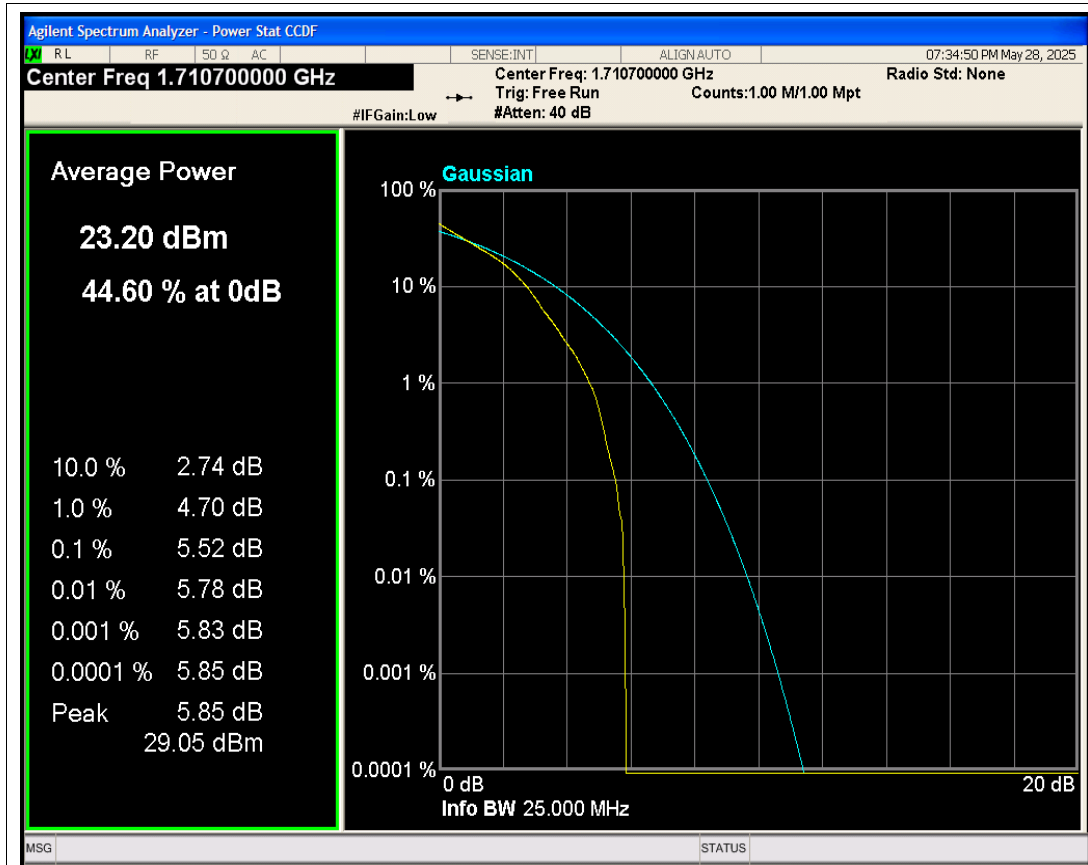
Band4	15	20175	75	#0	16QAM	NV	30	-19.27	-0.011	PASS
Band4	15	20175	75	#0	16QAM	NV	40	-10.13	-0.006	PASS
Band4	15	20175	75	#0	16QAM	NV	50	7.14	0.004	PASS
Band4	15	20325	75	#0	QPSK	NV	-30	2.98	0.002	PASS
Band4	15	20325	75	#0	QPSK	NV	-20	27.44	0.016	PASS
Band4	15	20325	75	#0	QPSK	NV	0	19.44	0.011	PASS
Band4	15	20325	75	#0	QPSK	NV	10	30.54	0.017	PASS
Band4	15	20325	75	#0	QPSK	NV	20	31.96	0.018	PASS
Band4	15	20325	75	#0	QPSK	NV	30	25.32	0.014	PASS
Band4	15	20325	75	#0	QPSK	NV	40	23.99	0.014	PASS
Band4	15	20325	75	#0	QPSK	NV	50	32.97	0.019	PASS
Band4	15	20325	75	#0	16QAM	NV	-30	26.72	0.015	PASS
Band4	15	20325	75	#0	16QAM	NV	-20	24.98	0.014	PASS
Band4	15	20325	75	#0	16QAM	NV	0	20.08	0.011	PASS
Band4	15	20325	75	#0	16QAM	NV	10	26.12	0.015	PASS
Band4	15	20325	75	#0	16QAM	NV	20	24.60	0.014	PASS
Band4	15	20325	75	#0	16QAM	NV	30	31.71	0.018	PASS
Band4	15	20325	75	#0	16QAM	NV	40	25.69	0.015	PASS
Band4	15	20325	75	#0	16QAM	NV	50	18.07	0.010	PASS
Band4	20	20050	100	#0	QPSK	NV	-30	-43.02	-0.025	PASS
Band4	20	20050	100	#0	QPSK	NV	-20	-26.26	-0.015	PASS
Band4	20	20050	100	#0	QPSK	NV	0	26.46	0.015	PASS
Band4	20	20050	100	#0	QPSK	NV	10	21.72	0.013	PASS
Band4	20	20050	100	#0	QPSK	NV	20	34.02	0.020	PASS
Band4	20	20050	100	#0	QPSK	NV	30	27.69	0.016	PASS
Band4	20	20050	100	#0	QPSK	NV	40	29.54	0.017	PASS
Band4	20	20050	100	#0	QPSK	NV	50	16.65	0.010	PASS
Band4	20	20050	100	#0	16QAM	NV	-30	22.73	0.013	PASS
Band4	20	20050	100	#0	16QAM	NV	-20	22.82	0.013	PASS
Band4	20	20050	100	#0	16QAM	NV	0	32.73	0.019	PASS
Band4	20	20050	100	#0	16QAM	NV	10	15.35	0.009	PASS
Band4	20	20050	100	#0	16QAM	NV	20	20.94	0.012	PASS
Band4	20	20050	100	#0	16QAM	NV	30	37.24	0.022	PASS
Band4	20	20050	100	#0	16QAM	NV	40	30.07	0.017	PASS
Band4	20	20050	100	#0	16QAM	NV	50	11.13	0.006	PASS
Band4	20	20175	100	#0	QPSK	NV	-30	-9.77	-0.006	PASS
Band4	20	20175	100	#0	QPSK	NV	-20	8.98	0.005	PASS
Band4	20	20175	100	#0	QPSK	NV	0	23.53	0.014	PASS
Band4	20	20175	100	#0	QPSK	NV	10	30.13	0.017	PASS
Band4	20	20175	100	#0	QPSK	NV	20	22.57	0.013	PASS
Band4	20	20175	100	#0	QPSK	NV	30	23.90	0.014	PASS
Band4	20	20175	100	#0	QPSK	NV	40	24.85	0.014	PASS

Band4	20	20175	100	#0	QPSK	NV	50	18.38	0.011	PASS
Band4	20	20175	100	#0	16QAM	NV	-30	28.38	0.016	PASS
Band4	20	20175	100	#0	16QAM	NV	-20	30.43	0.018	PASS
Band4	20	20175	100	#0	16QAM	NV	0	-2.82	-0.002	PASS
Band4	20	20175	100	#0	16QAM	NV	10	27.05	0.016	PASS
Band4	20	20175	100	#0	16QAM	NV	20	26.56	0.015	PASS
Band4	20	20175	100	#0	16QAM	NV	30	5.19	0.003	PASS
Band4	20	20175	100	#0	16QAM	NV	40	-16.64	-0.010	PASS
Band4	20	20175	100	#0	16QAM	NV	50	-11.14	-0.006	PASS
Band4	20	20300	100	#0	QPSK	NV	-30	27.85	0.016	PASS
Band4	20	20300	100	#0	QPSK	NV	-20	16.49	0.009	PASS
Band4	20	20300	100	#0	QPSK	NV	0	26.35	0.015	PASS
Band4	20	20300	100	#0	QPSK	NV	10	20.50	0.012	PASS
Band4	20	20300	100	#0	QPSK	NV	20	29.25	0.017	PASS
Band4	20	20300	100	#0	QPSK	NV	30	33.00	0.019	PASS
Band4	20	20300	100	#0	QPSK	NV	40	29.13	0.017	PASS
Band4	20	20300	100	#0	QPSK	NV	50	25.08	0.014	PASS
Band4	20	20300	100	#0	16QAM	NV	-30	24.39	0.014	PASS
Band4	20	20300	100	#0	16QAM	NV	-20	19.50	0.011	PASS
Band4	20	20300	100	#0	16QAM	NV	0	23.29	0.013	PASS
Band4	20	20300	100	#0	16QAM	NV	10	32.62	0.019	PASS
Band4	20	20300	100	#0	16QAM	NV	20	9.76	0.006	PASS
Band4	20	20300	100	#0	16QAM	NV	30	18.17	0.010	PASS
Band4	20	20300	100	#0	16QAM	NV	40	24.15	0.014	PASS
Band4	20	20300	100	#0	16QAM	NV	50	7.75	0.004	PASS

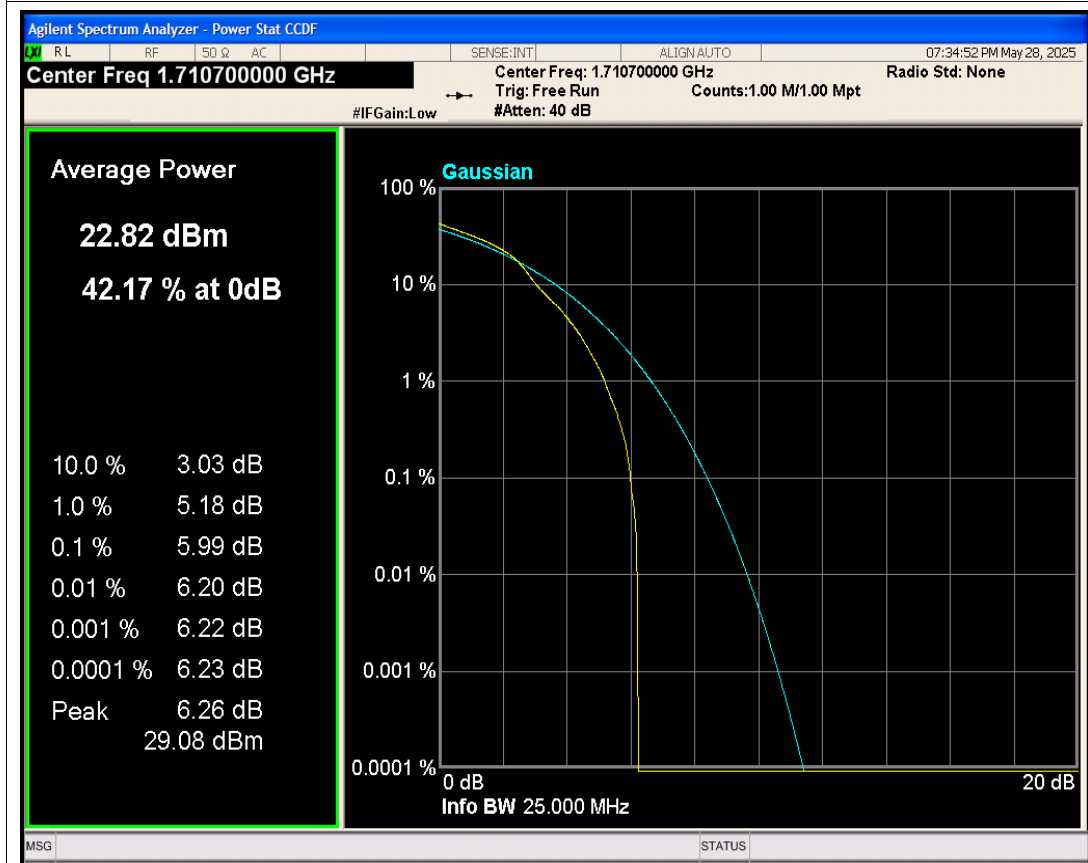


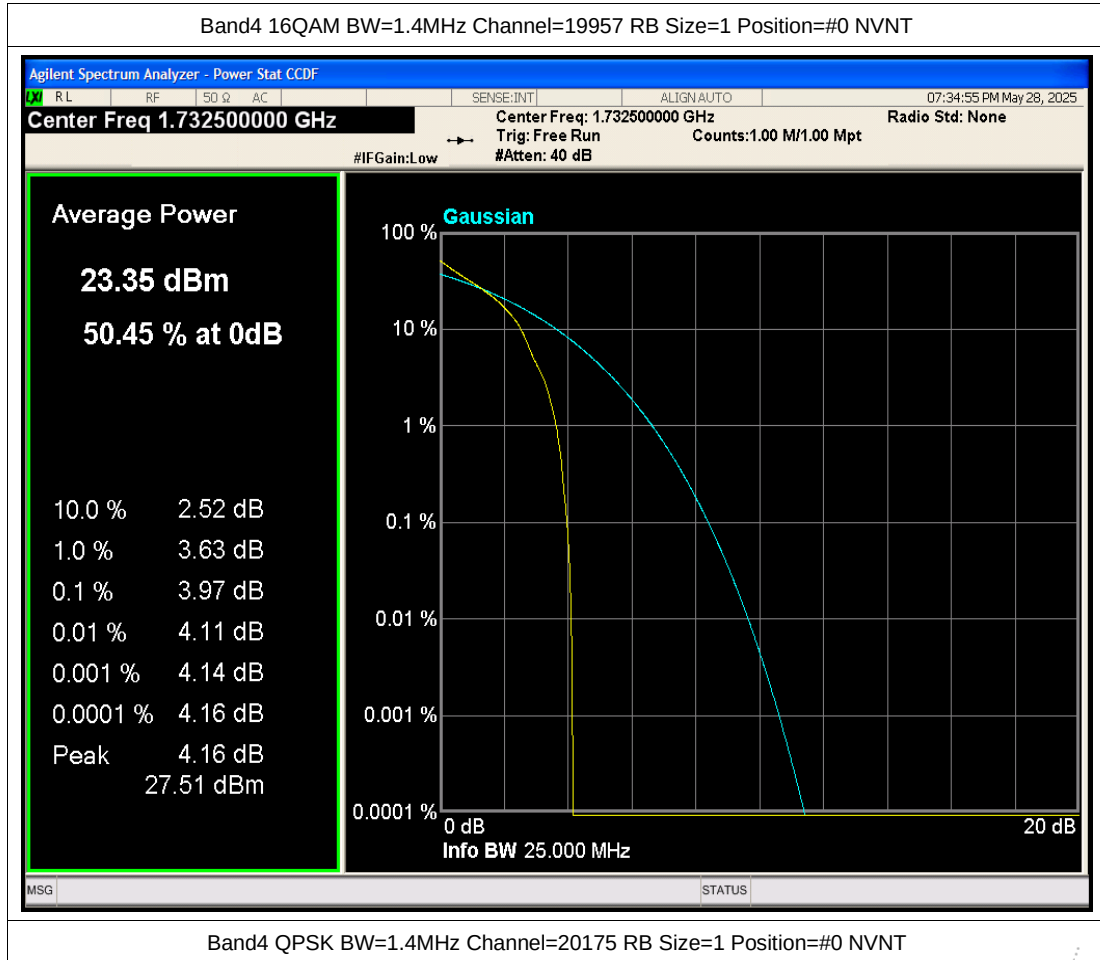
Appendix 3. Peak-to-Average Ratio

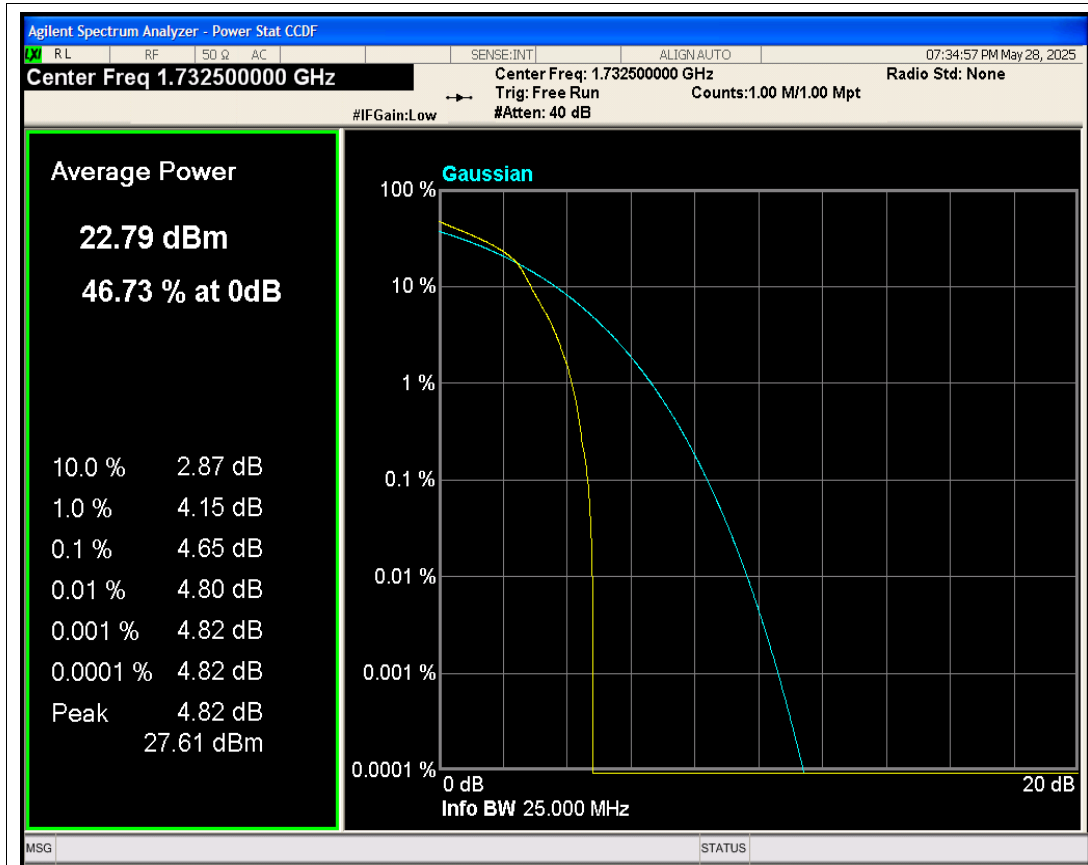
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band4	1.4	19957	1	#0	QPSK	5.52	13	PASS
NVNT	Band4	1.4	19957	1	#0	16QAM	5.99	13	PASS
NVNT	Band4	1.4	20175	1	#0	QPSK	3.97	13	PASS
NVNT	Band4	1.4	20175	1	#0	16QAM	4.65	13	PASS
NVNT	Band4	1.4	20393	1	#0	QPSK	4.98	13	PASS
NVNT	Band4	1.4	20393	1	#0	16QAM	6.01	13	PASS
NVNT	Band4	3	19965	1	#0	QPSK	5.44	13	PASS
NVNT	Band4	3	19965	1	#0	16QAM	6.45	13	PASS
NVNT	Band4	3	20175	1	#0	QPSK	4.08	13	PASS
NVNT	Band4	3	20175	1	#0	16QAM	4.43	13	PASS
NVNT	Band4	3	20385	1	#0	QPSK	5.13	13	PASS
NVNT	Band4	3	20385	1	#0	16QAM	5.92	13	PASS
NVNT	Band4	5	19975	1	#0	QPSK	5.59	13	PASS
NVNT	Band4	5	19975	1	#0	16QAM	6.38	13	PASS
NVNT	Band4	5	20175	1	#0	QPSK	3.99	13	PASS
NVNT	Band4	5	20175	1	#0	16QAM	4.85	13	PASS
NVNT	Band4	5	20375	1	#0	QPSK	5.63	13	PASS
NVNT	Band4	5	20375	1	#0	16QAM	6.49	13	PASS
NVNT	Band4	10	20000	1	#0	QPSK	5.44	13	PASS
NVNT	Band4	10	20000	1	#0	16QAM	6.50	13	PASS
NVNT	Band4	10	20175	1	#0	QPSK	4.23	13	PASS
NVNT	Band4	10	20175	1	#0	16QAM	5.29	13	PASS
NVNT	Band4	10	20350	1	#0	QPSK	5.35	13	PASS
NVNT	Band4	10	20350	1	#0	16QAM	6.17	13	PASS
NVNT	Band4	15	20025	1	#0	QPSK	5.42	13	PASS
NVNT	Band4	15	20025	1	#0	16QAM	6.50	13	PASS
NVNT	Band4	15	20175	1	#0	QPSK	4.15	13	PASS
NVNT	Band4	15	20175	1	#0	16QAM	5.14	13	PASS
NVNT	Band4	15	20325	1	#0	QPSK	4.71	13	PASS
NVNT	Band4	15	20325	1	#0	16QAM	5.61	13	PASS
NVNT	Band4	20	20050	1	#0	QPSK	5.20	13	PASS
NVNT	Band4	20	20050	1	#0	16QAM	6.08	13	PASS
NVNT	Band4	20	20175	1	#0	QPSK	3.95	13	PASS
NVNT	Band4	20	20175	1	#0	16QAM	5.13	13	PASS
NVNT	Band4	20	20300	1	#0	QPSK	3.84	13	PASS
NVNT	Band4	20	20300	1	#0	16QAM	4.74	13	PASS



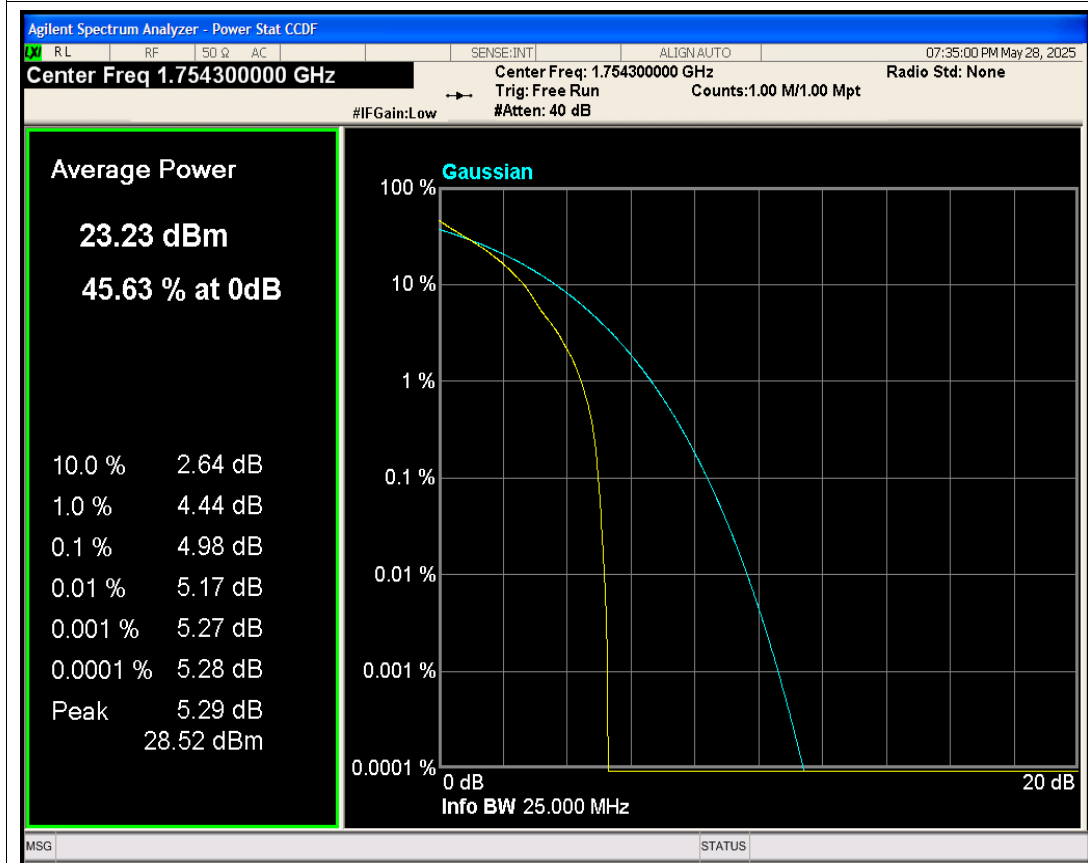
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0 NVNT

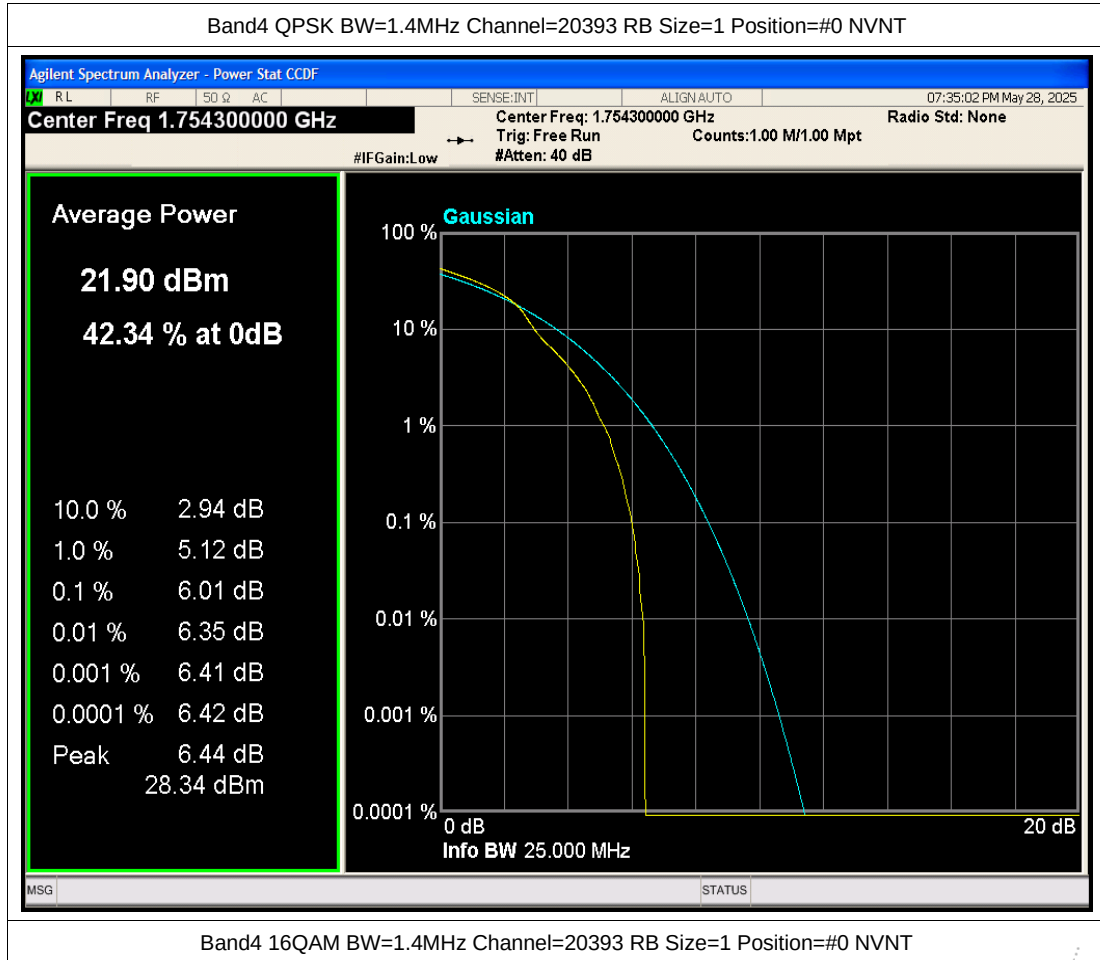


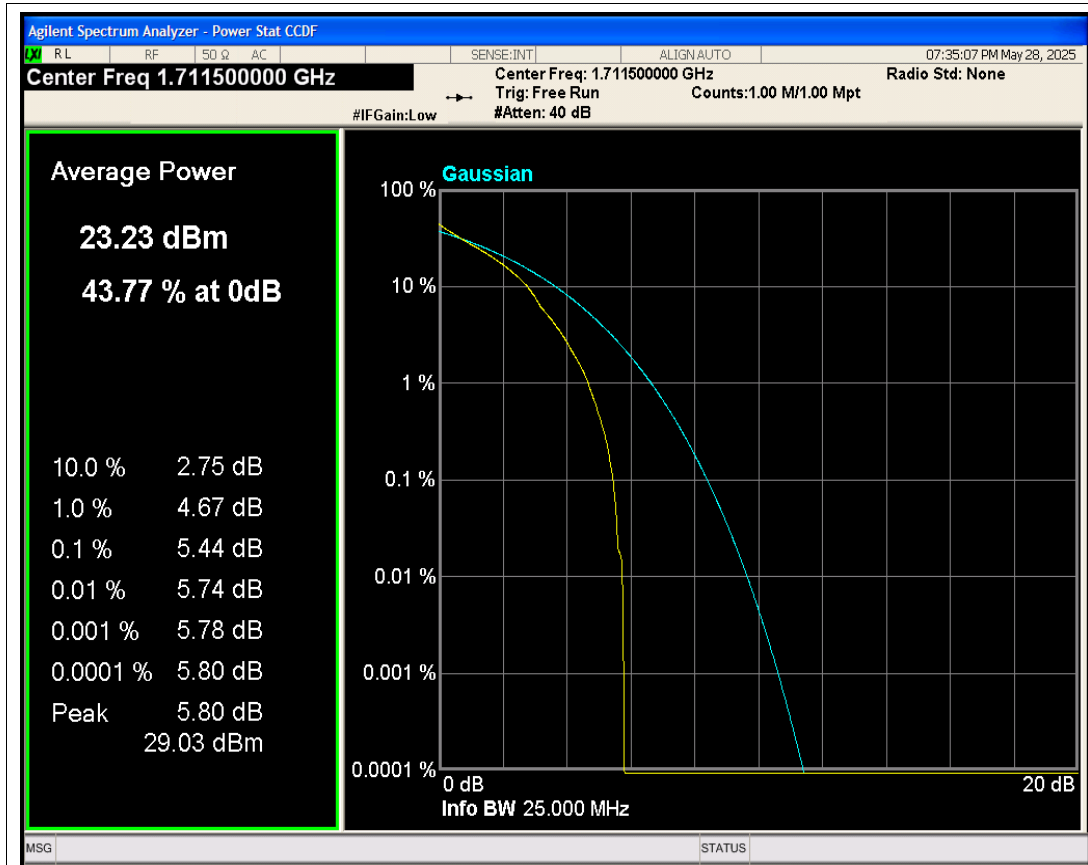




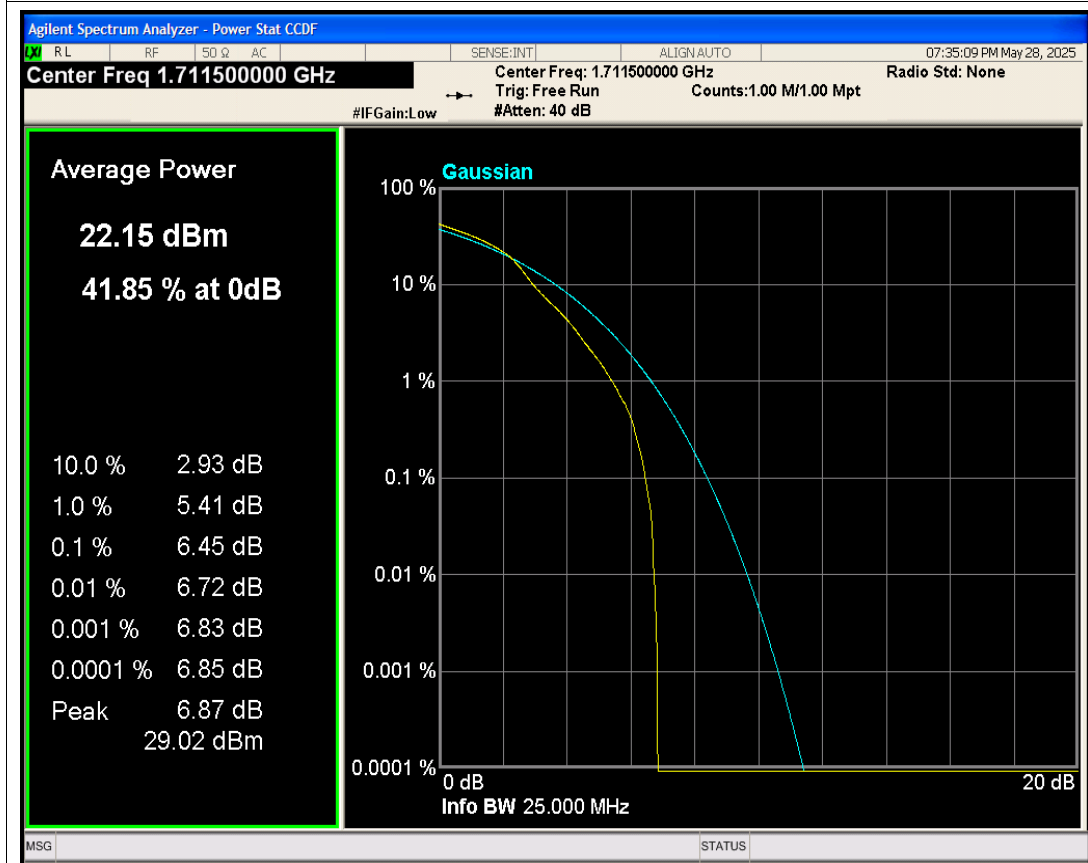
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0 NVNT

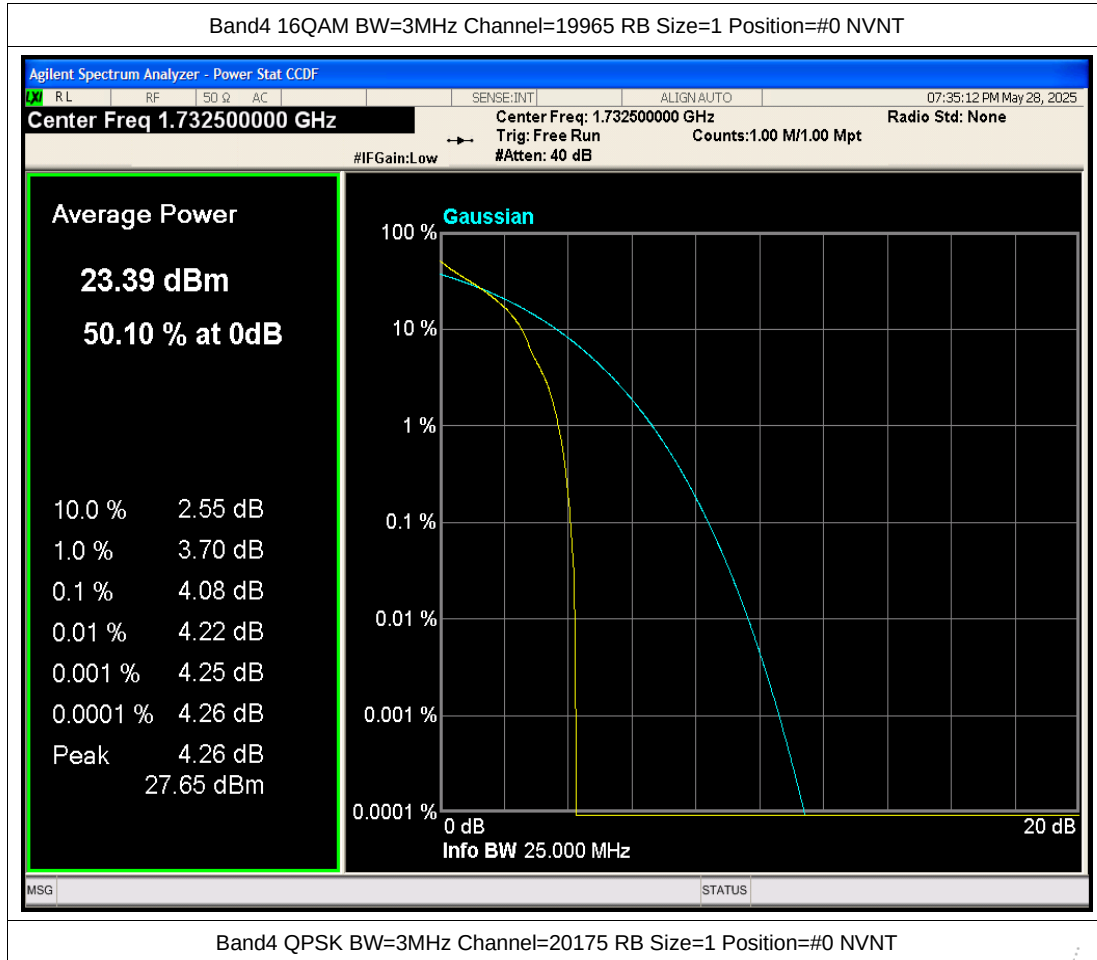


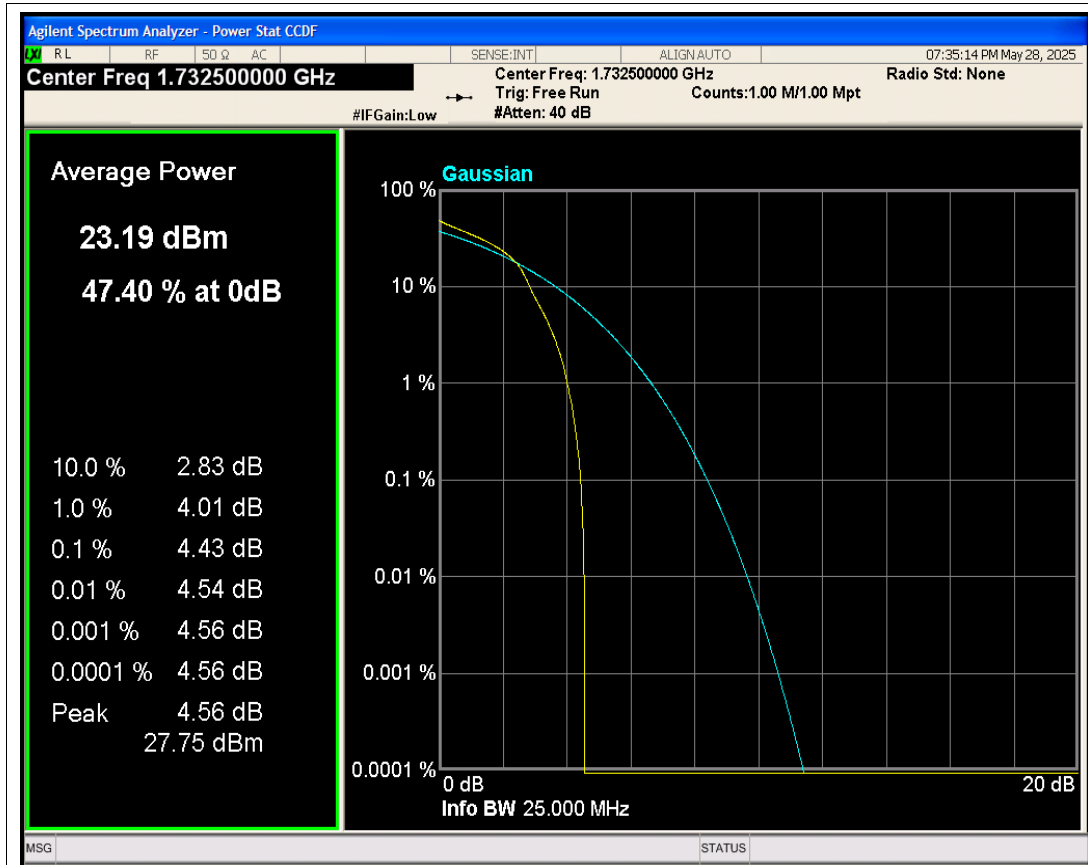




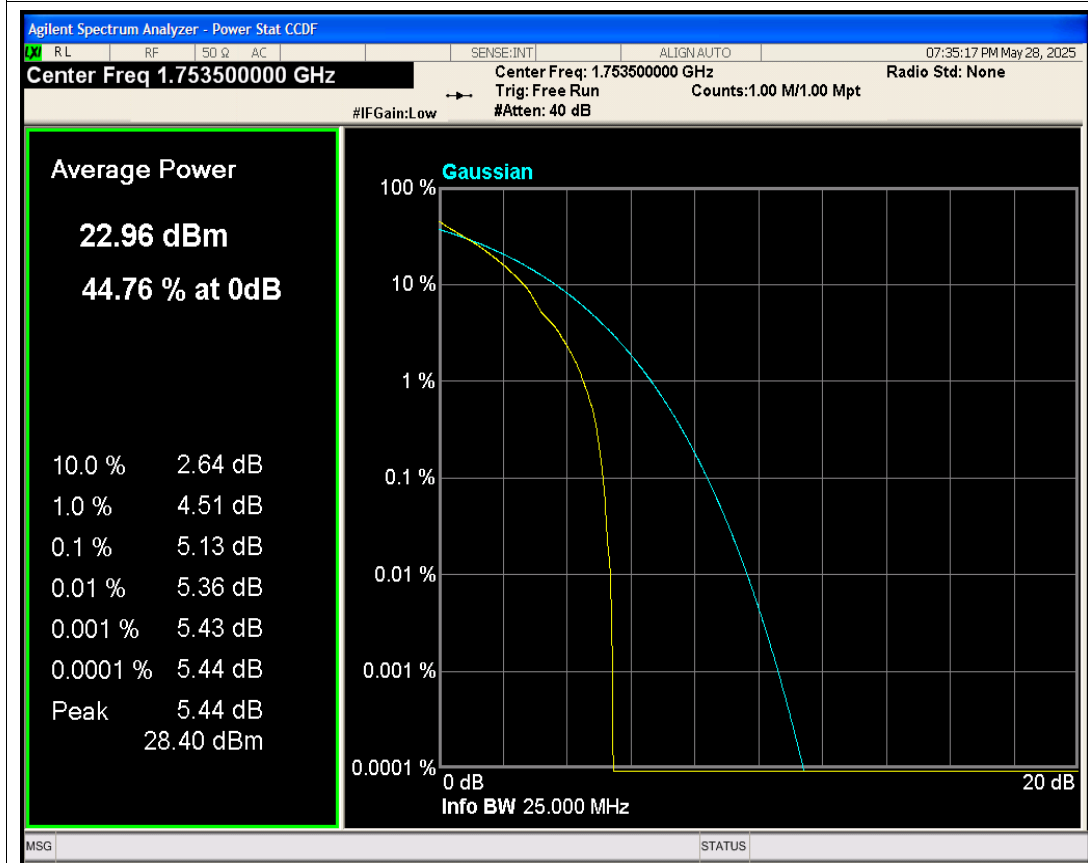
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0 NVNT

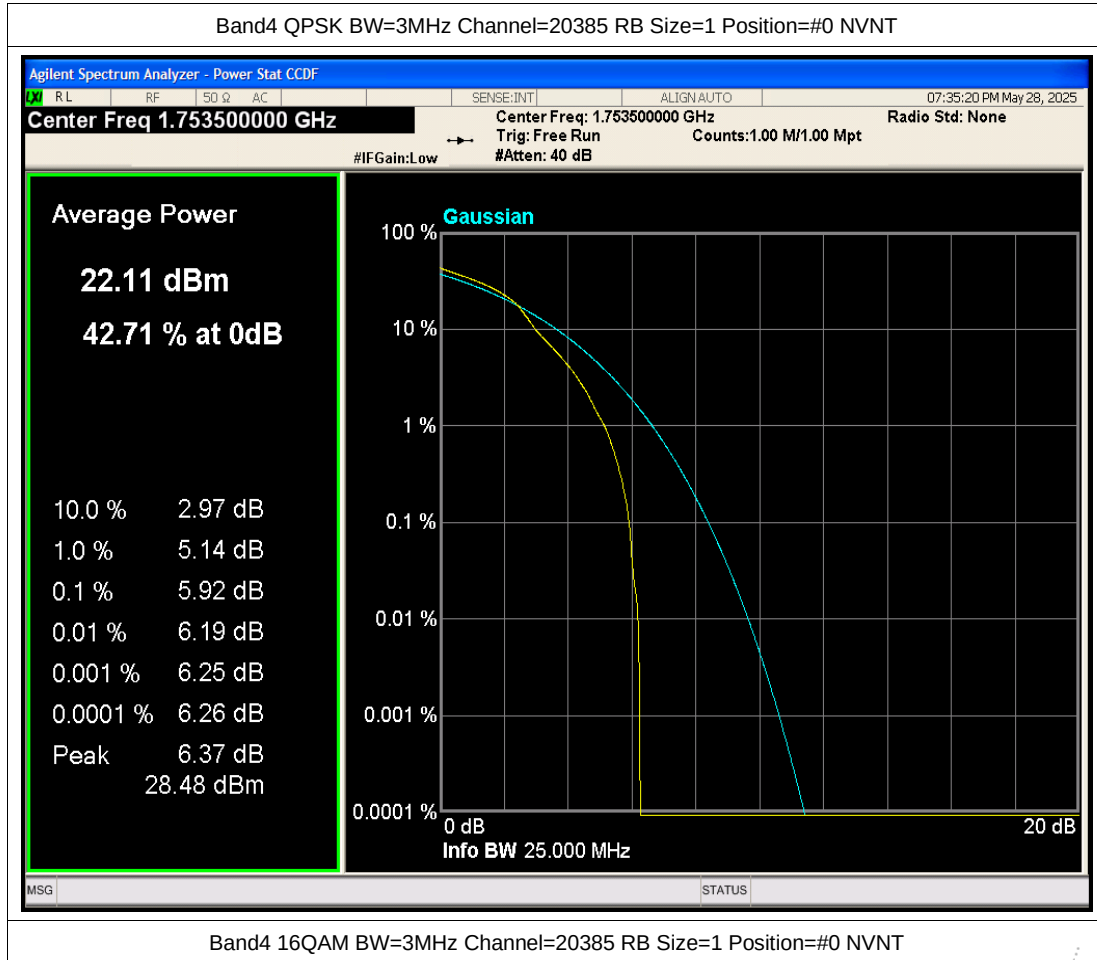


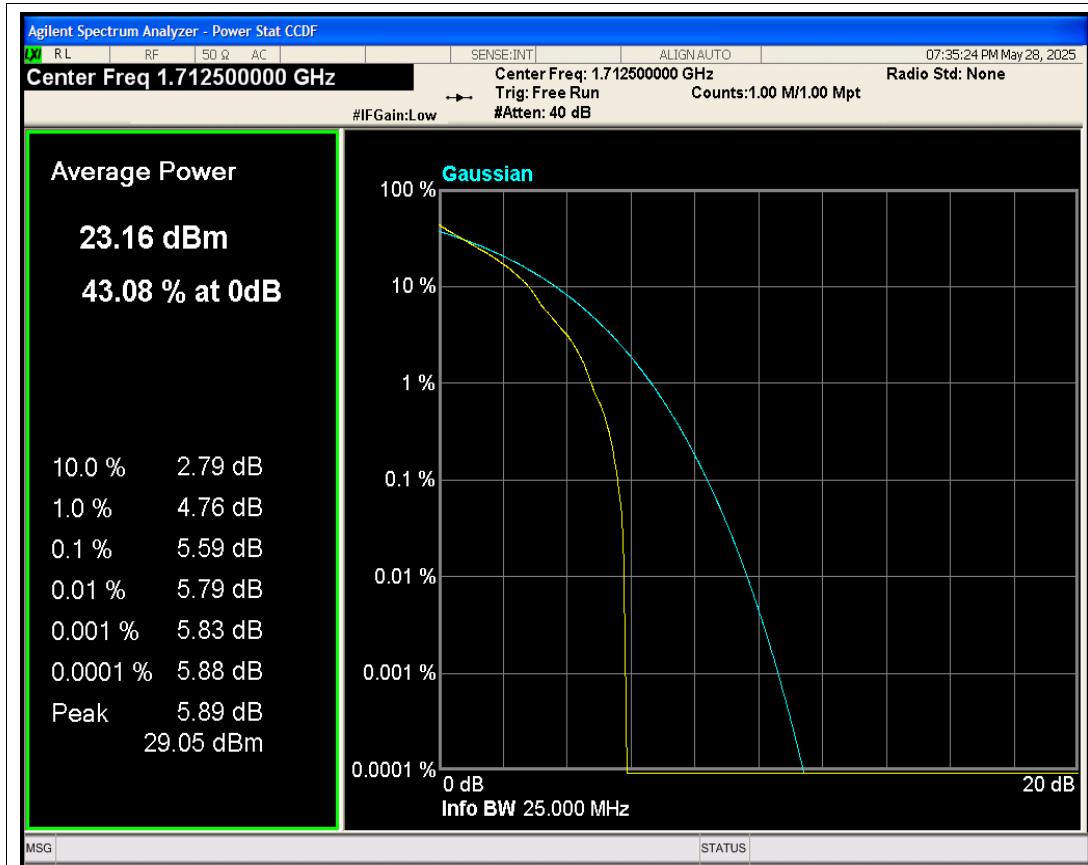




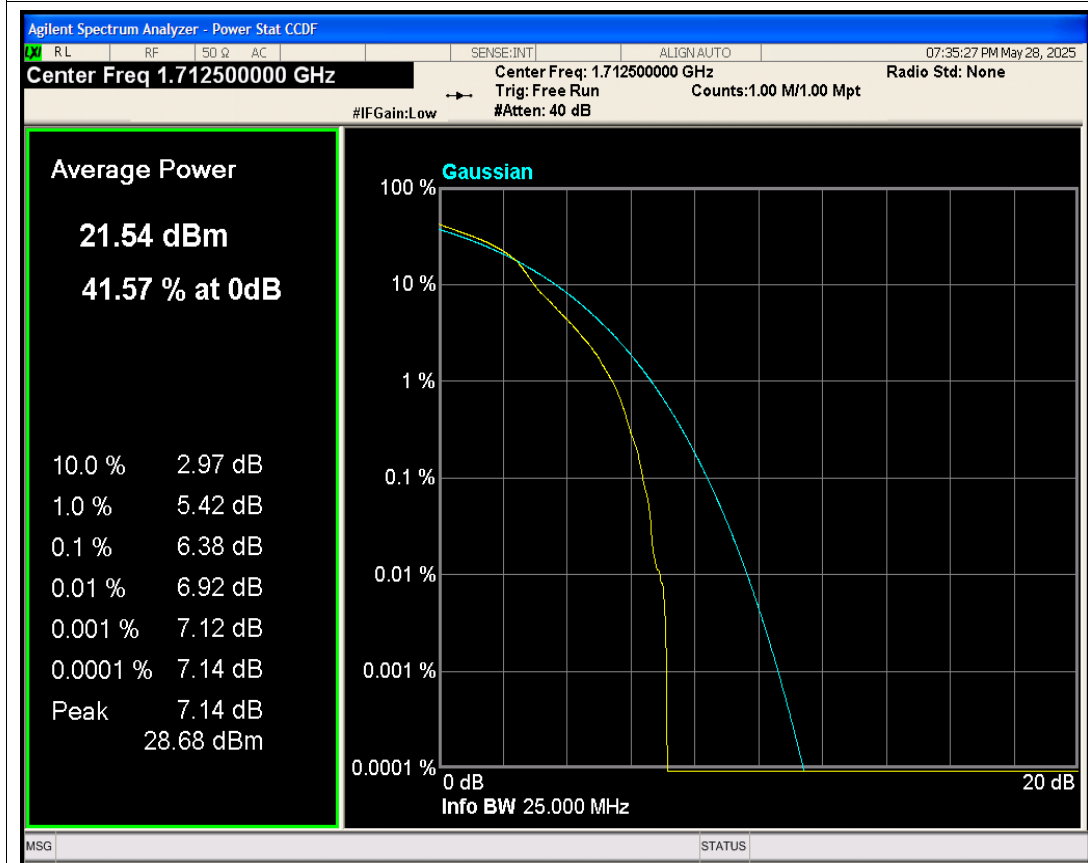
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0 NVNT

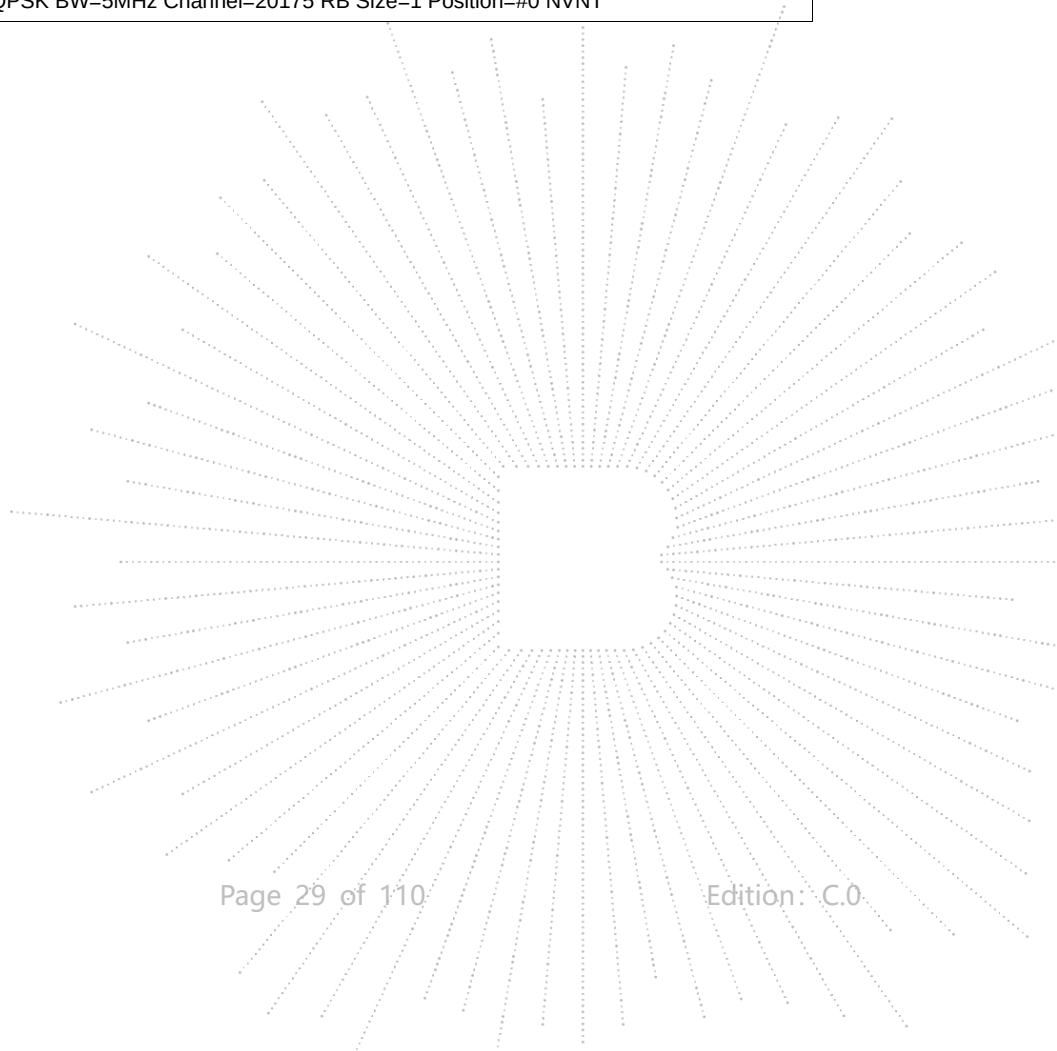
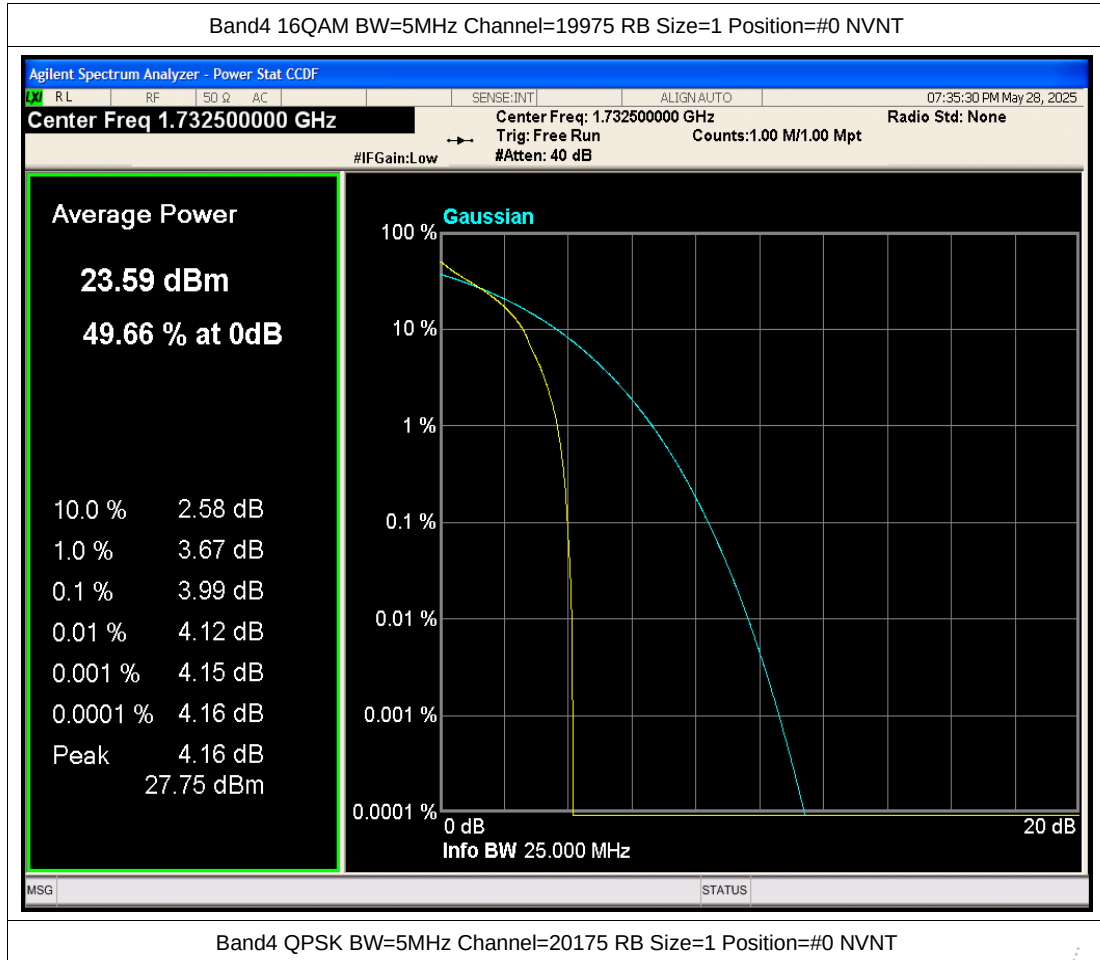


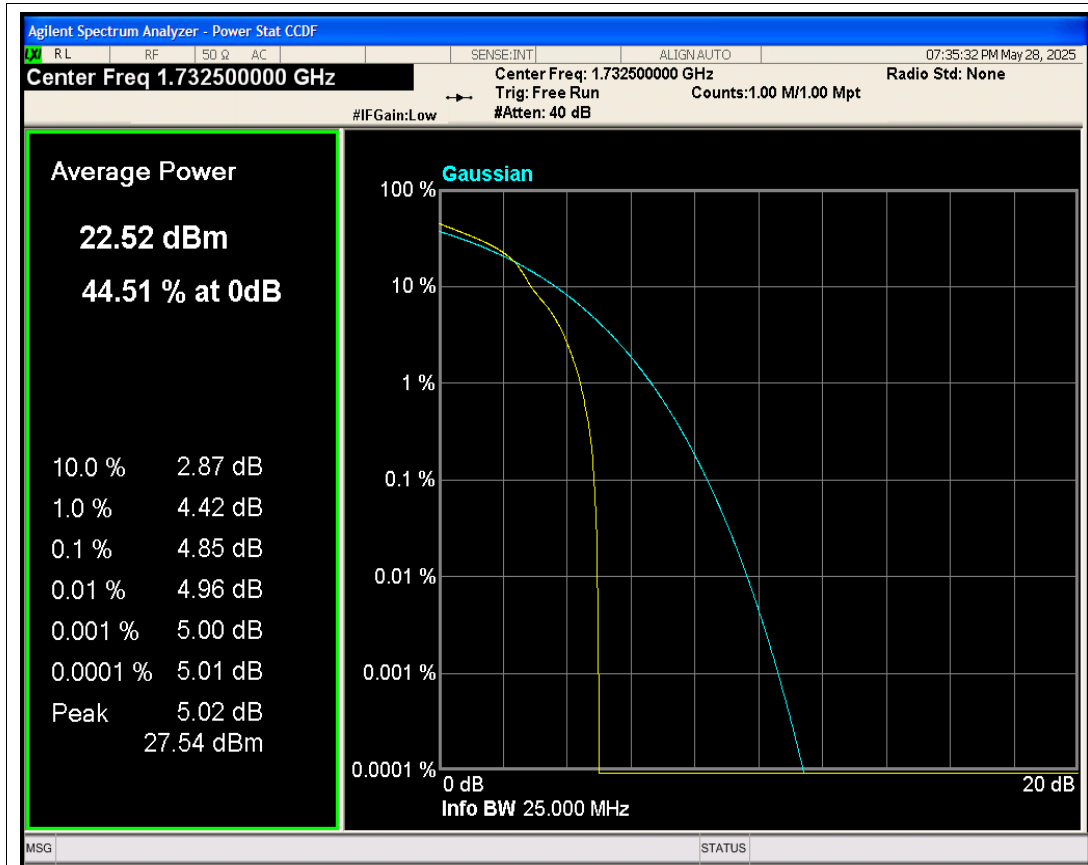




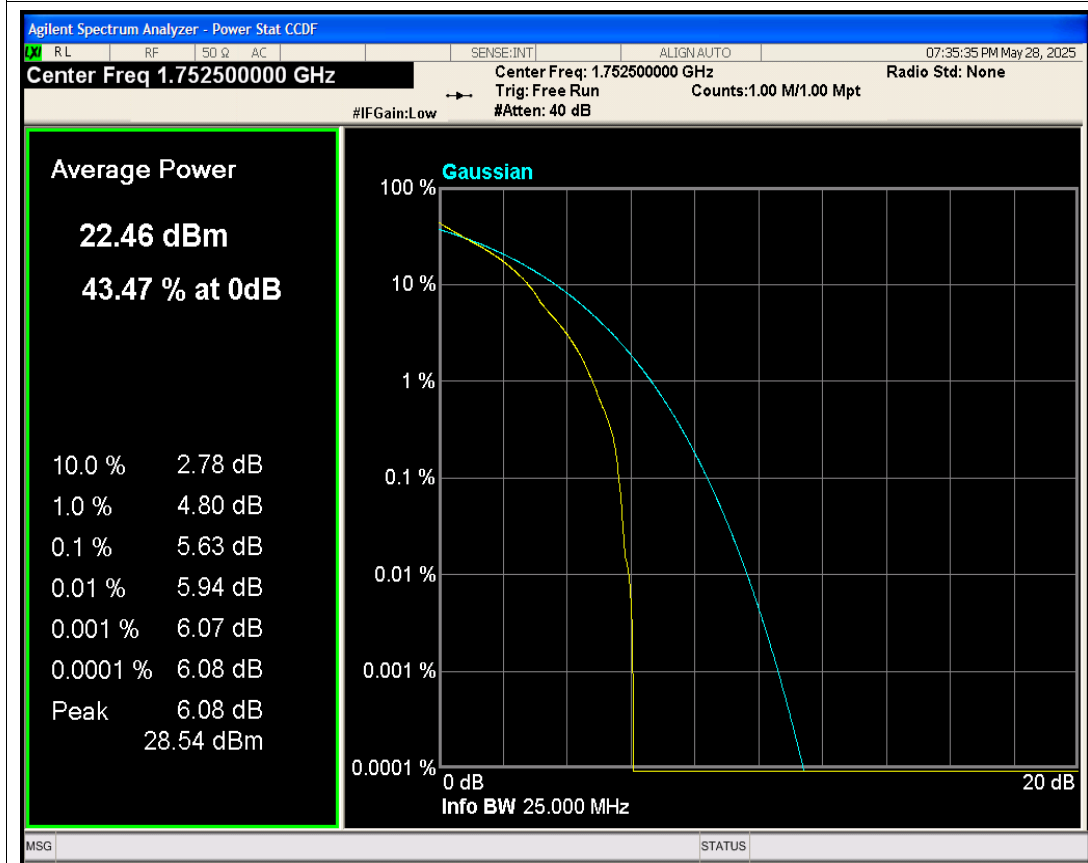
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0 NVNT

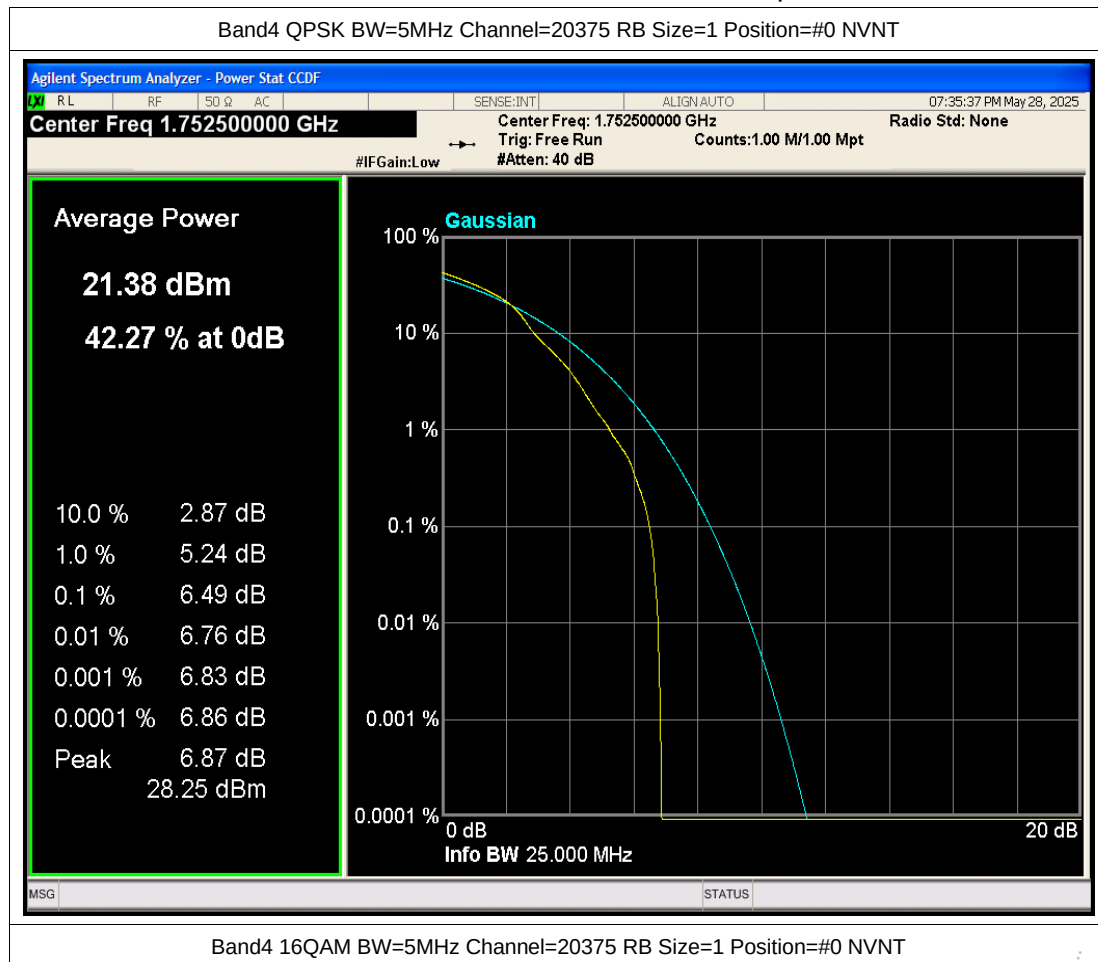


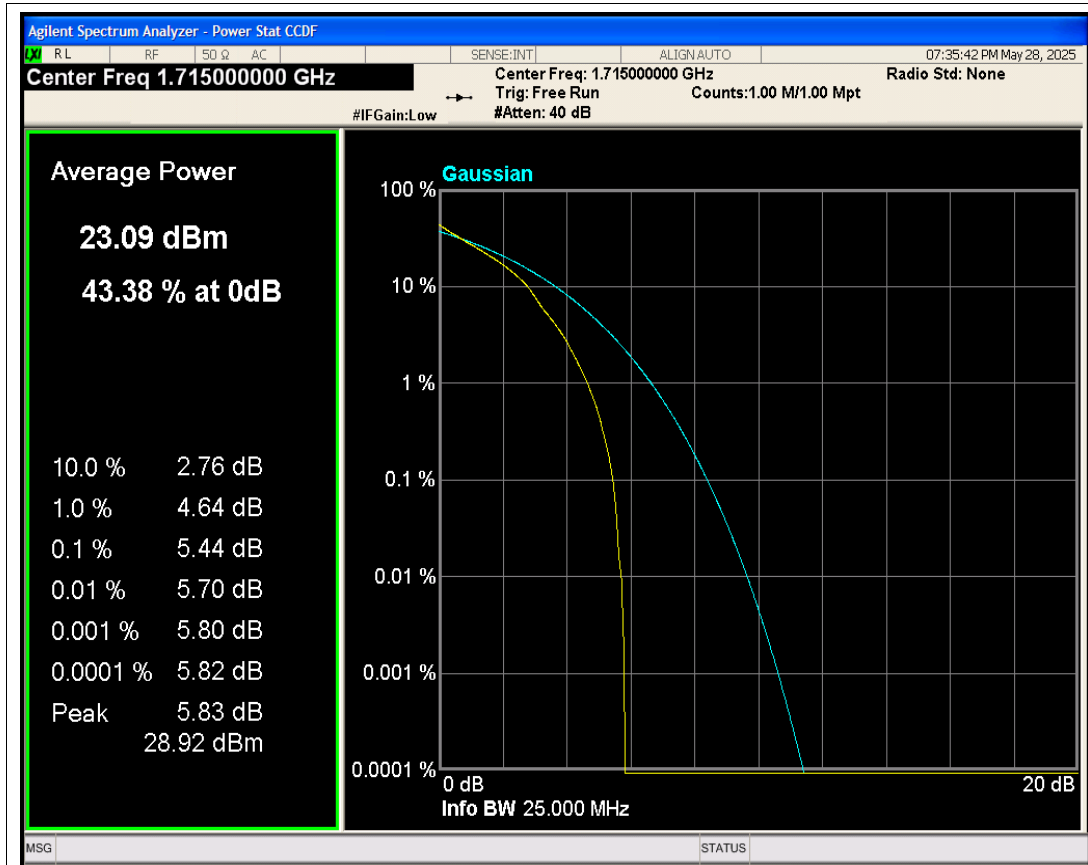




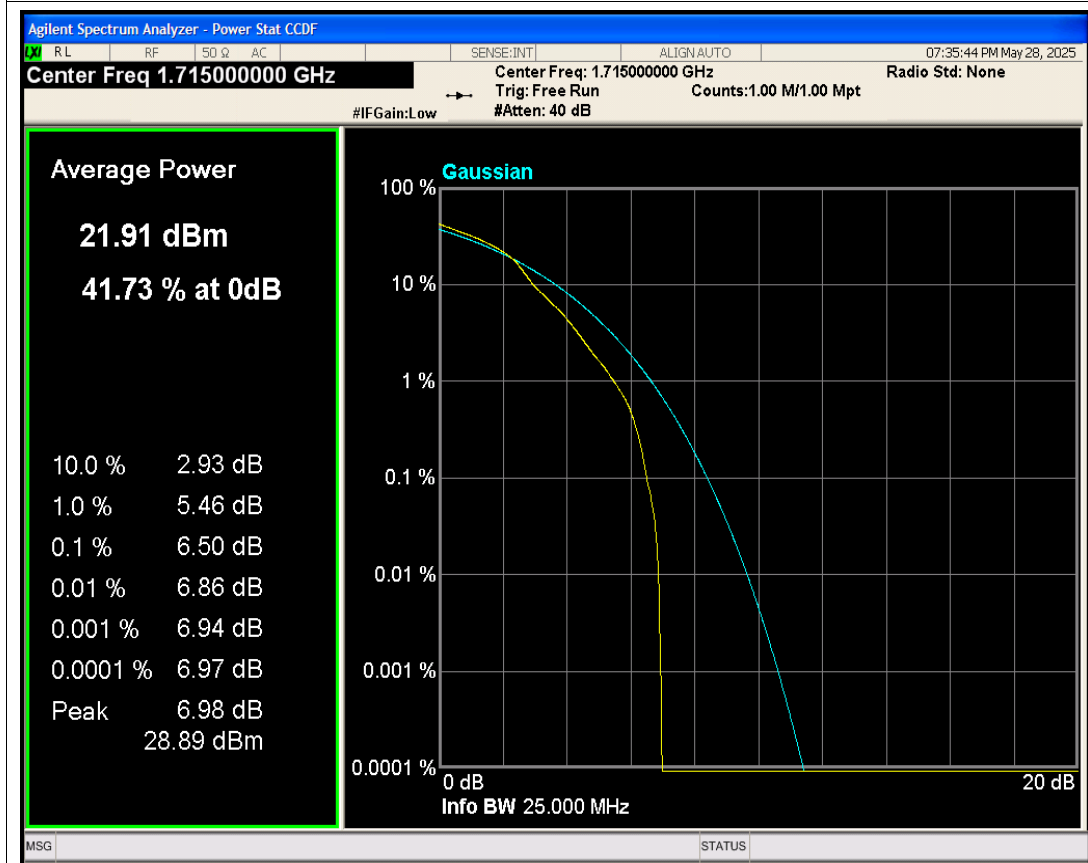
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0 NVNT

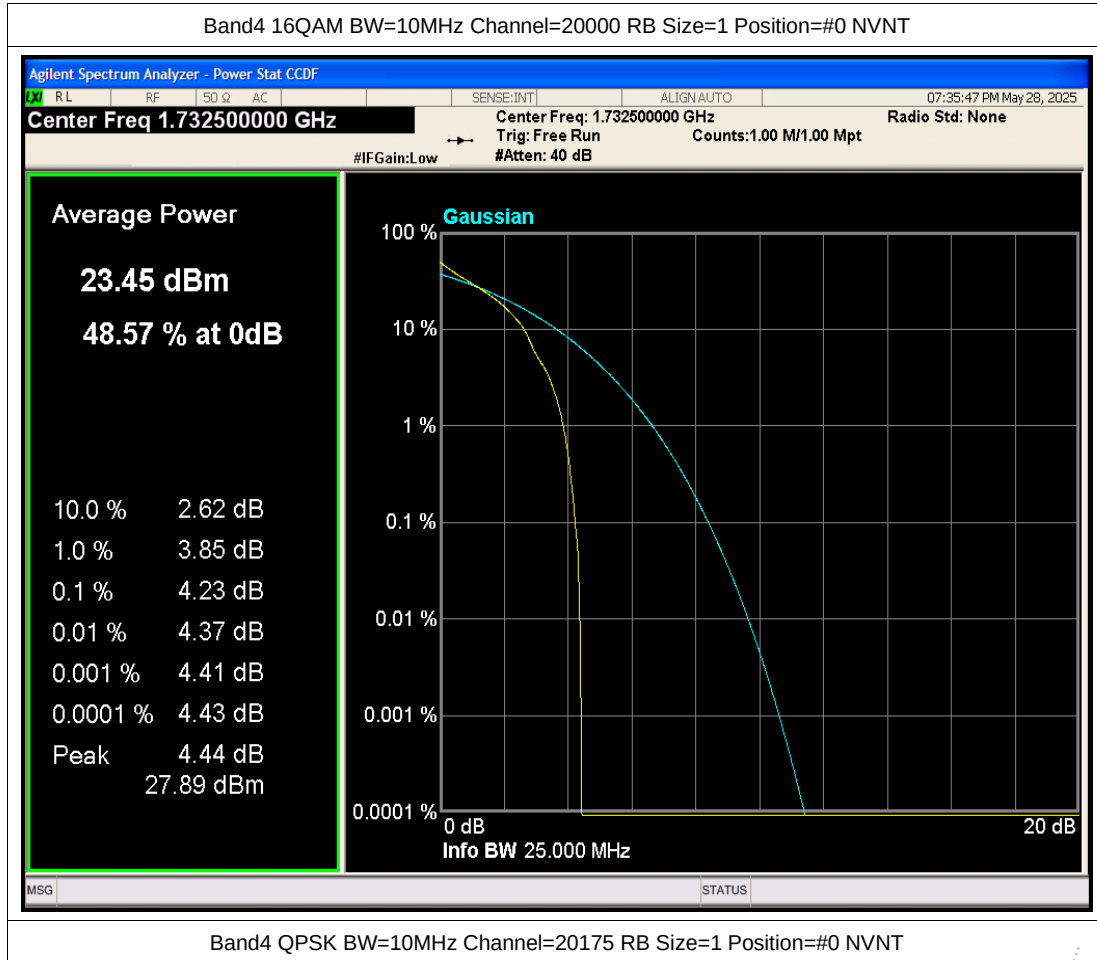


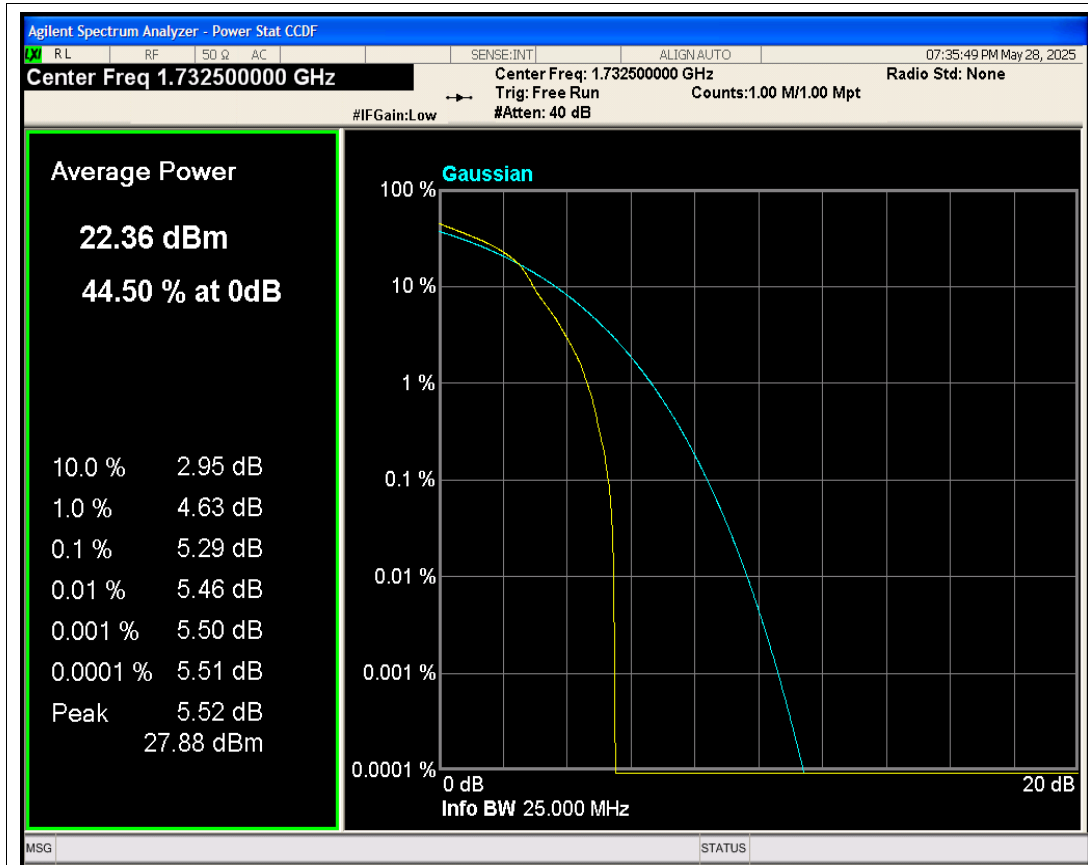




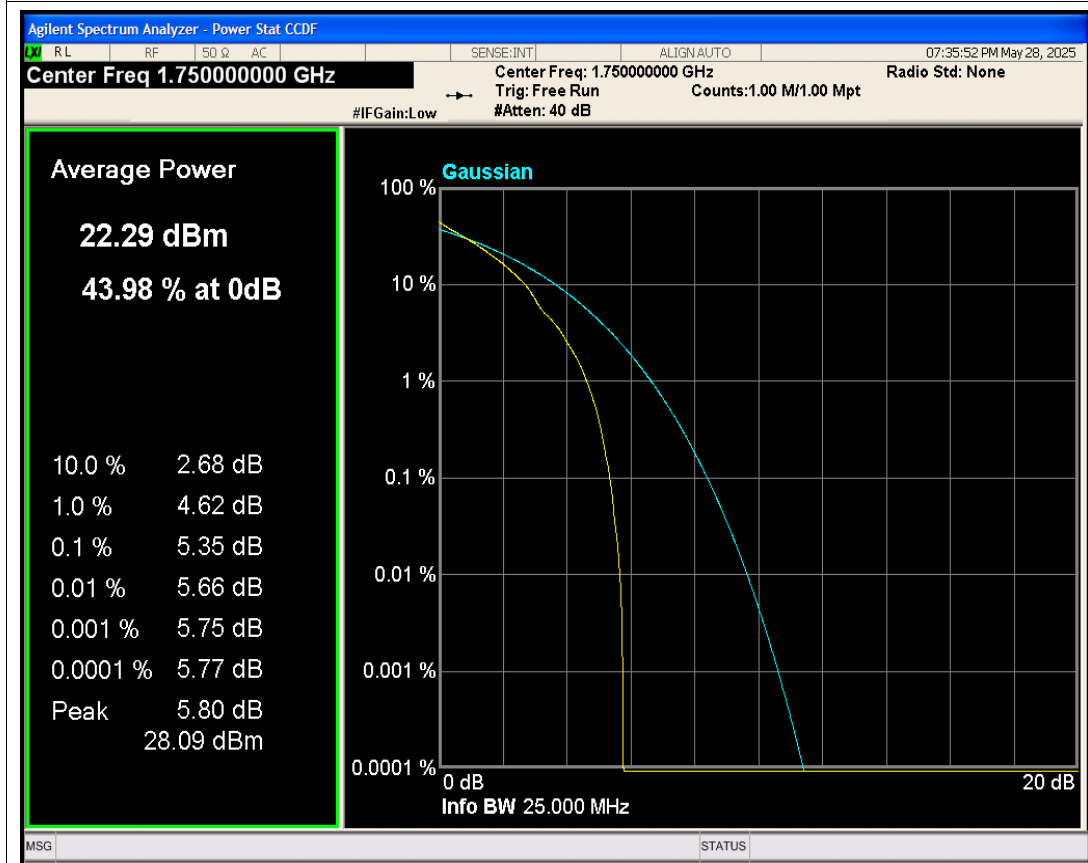
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0 NVNT

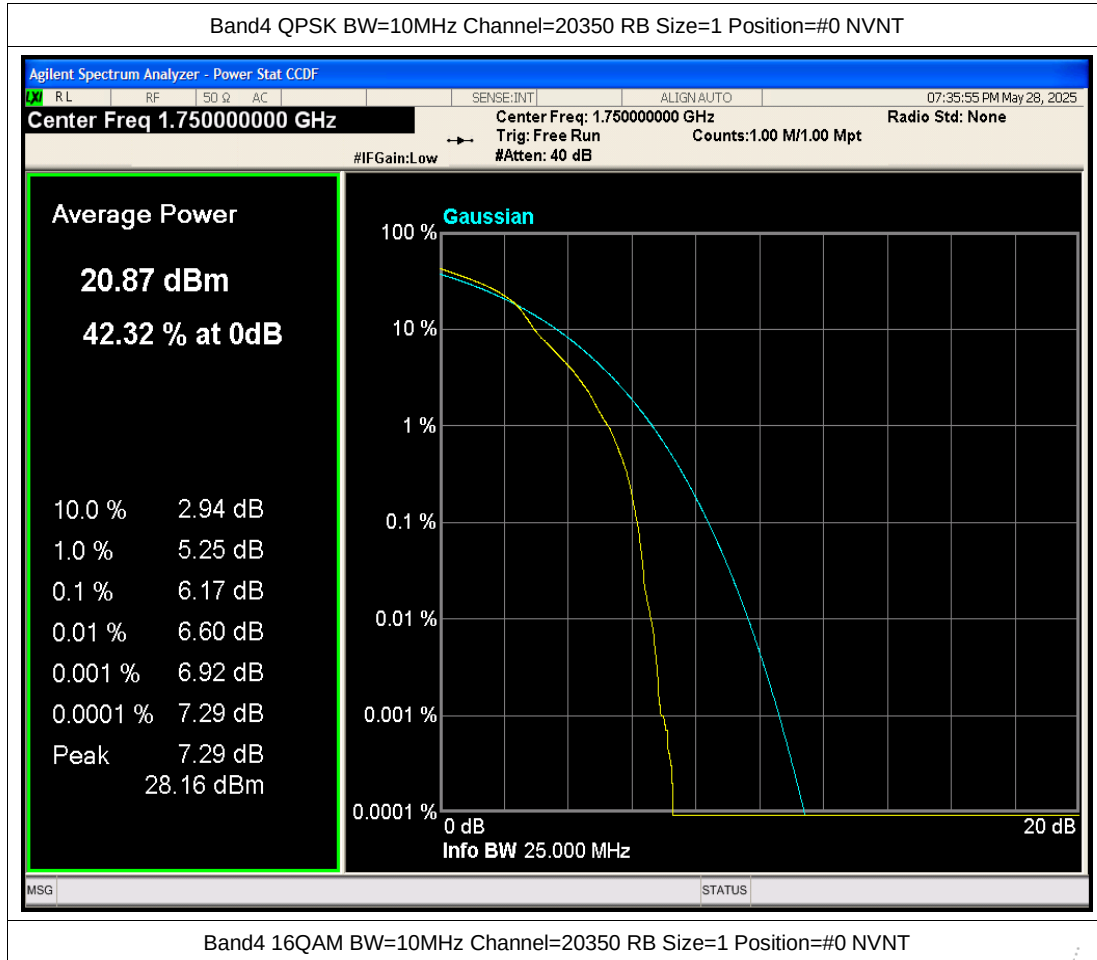


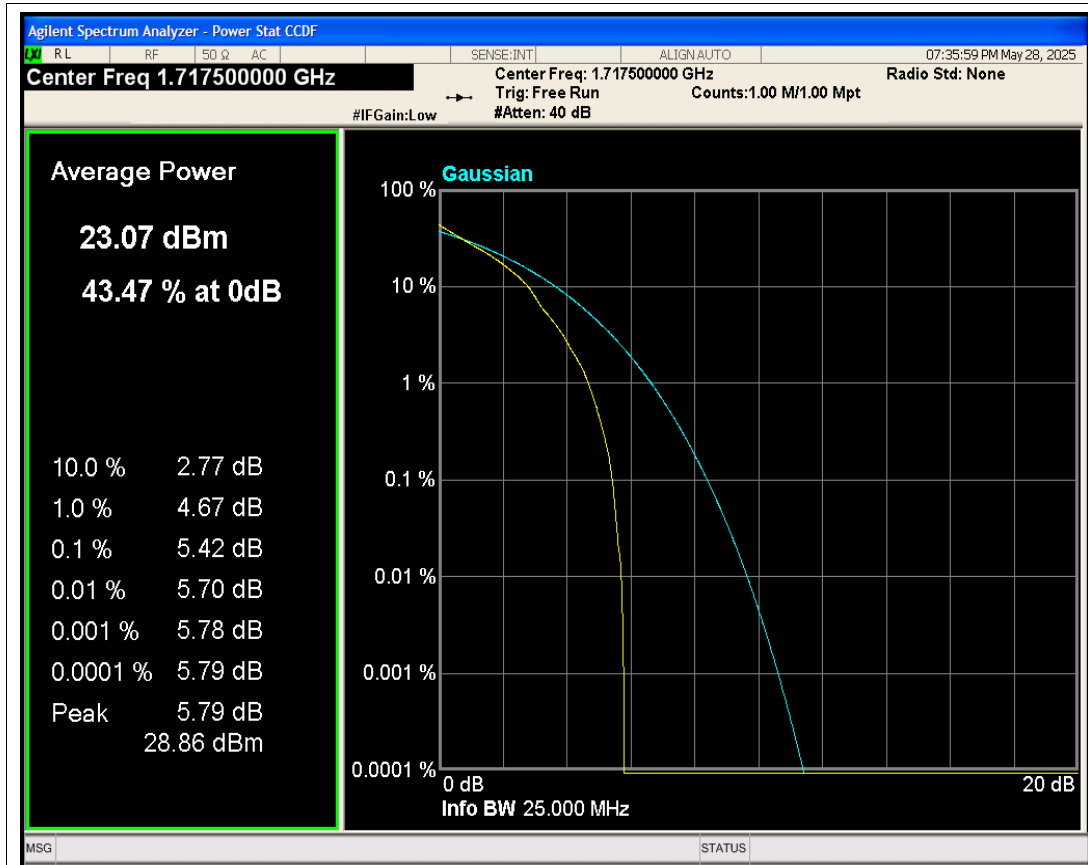




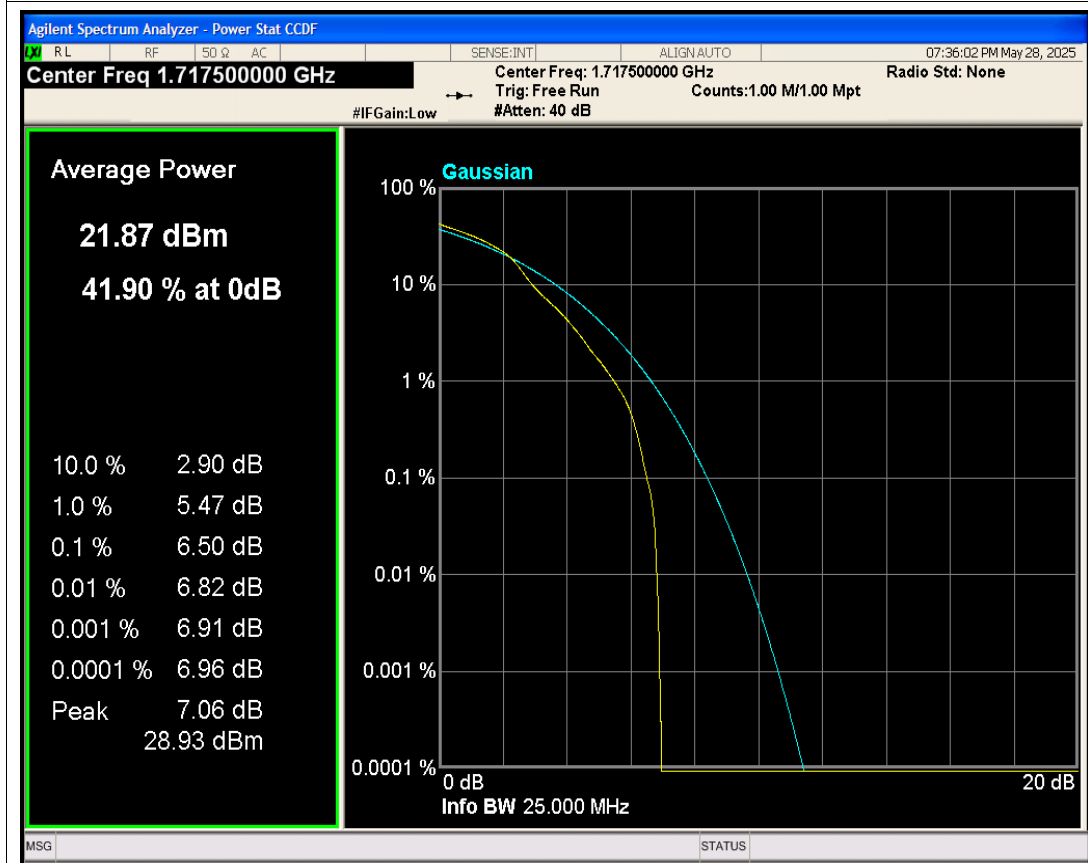
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0 NVNT

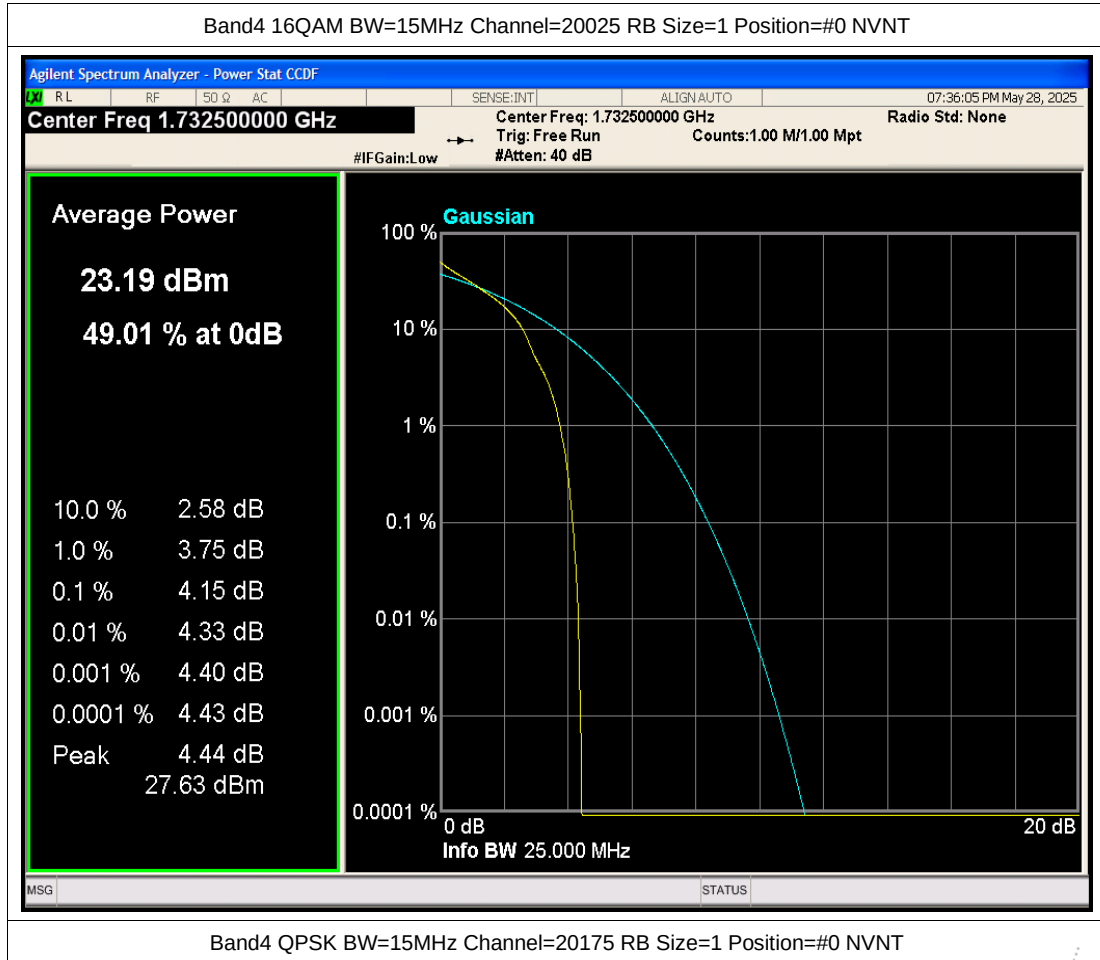


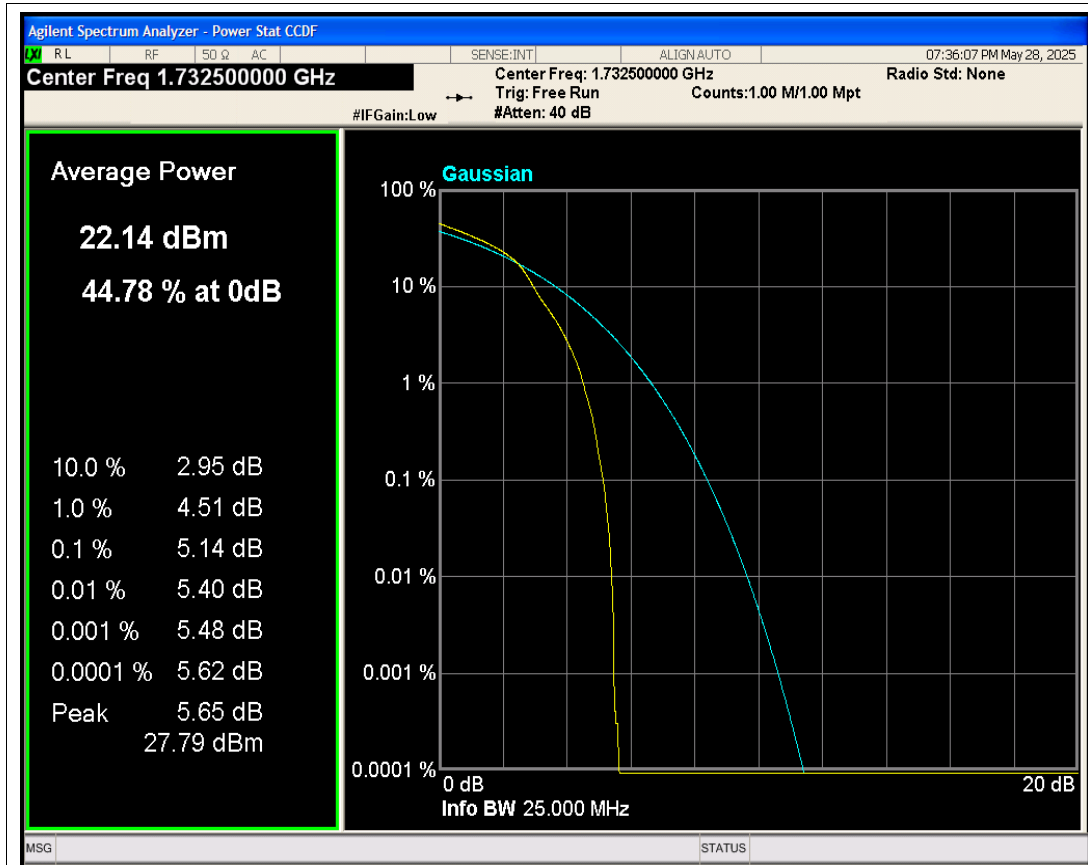




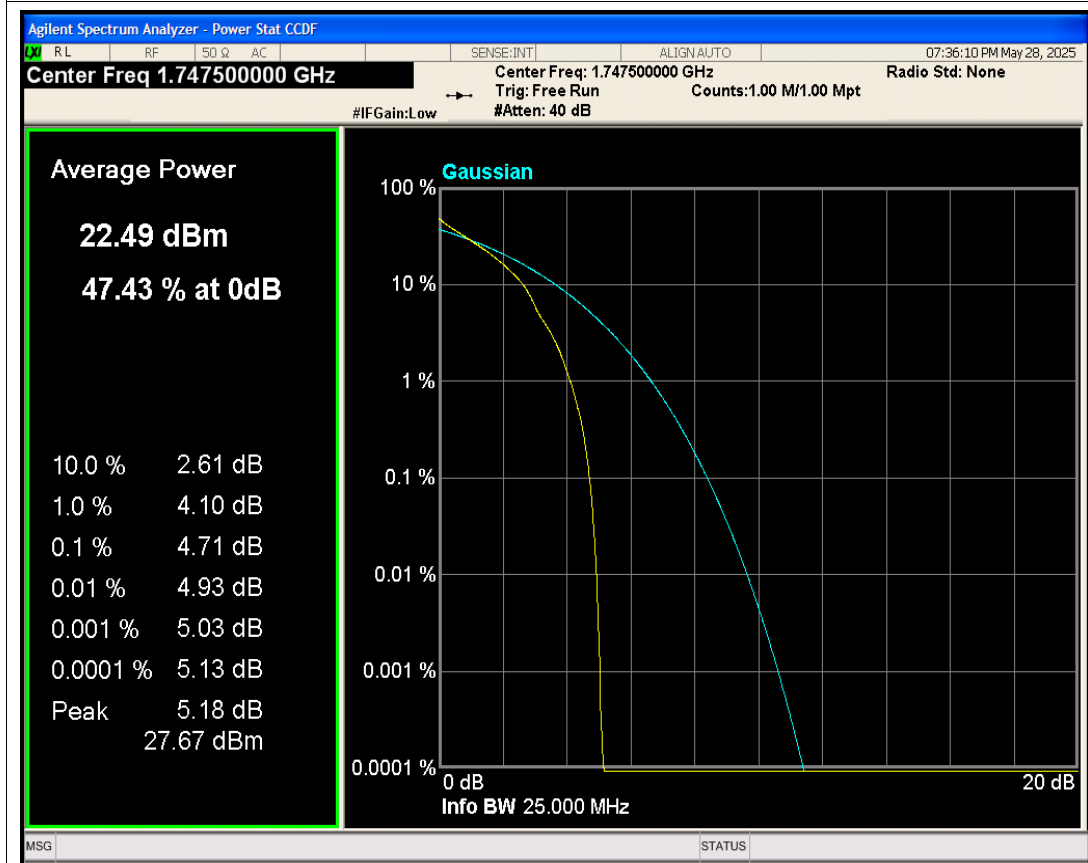
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0 NVNT

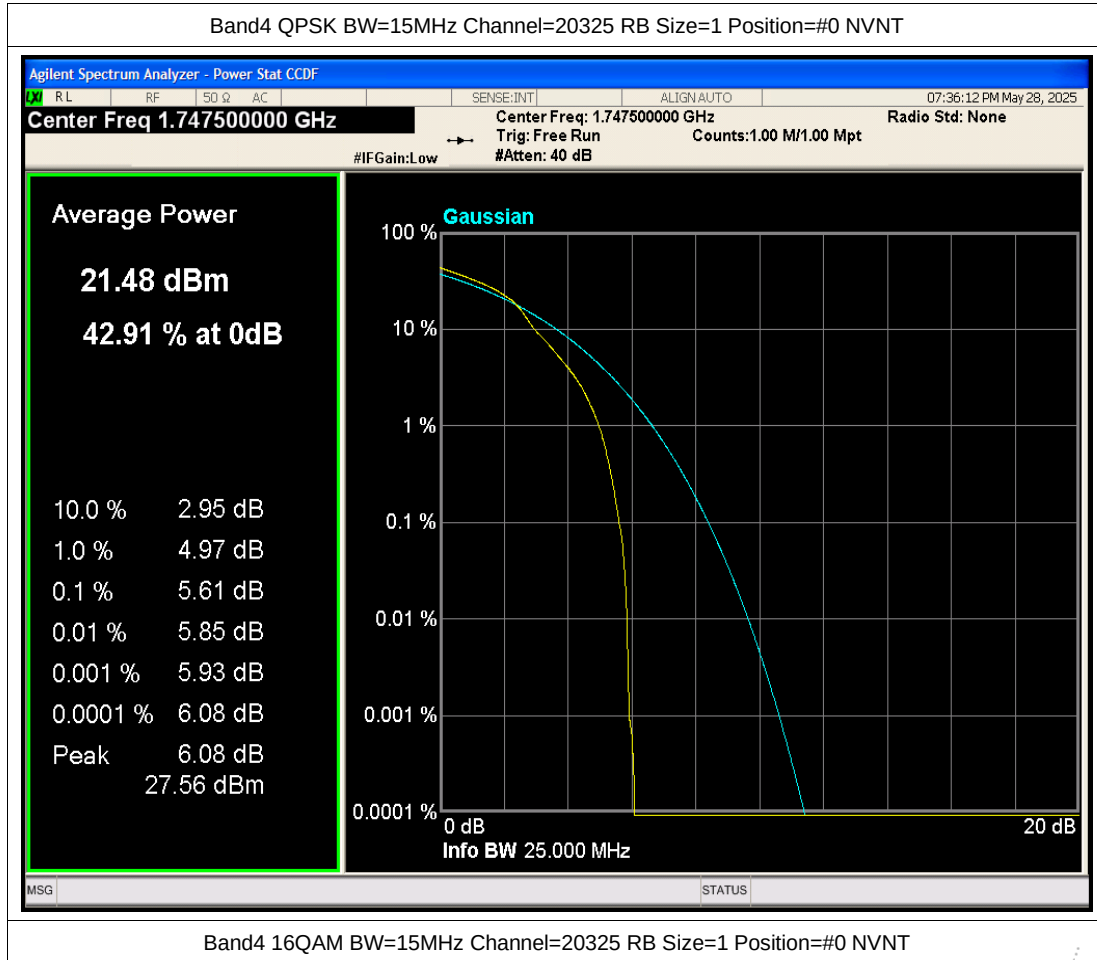


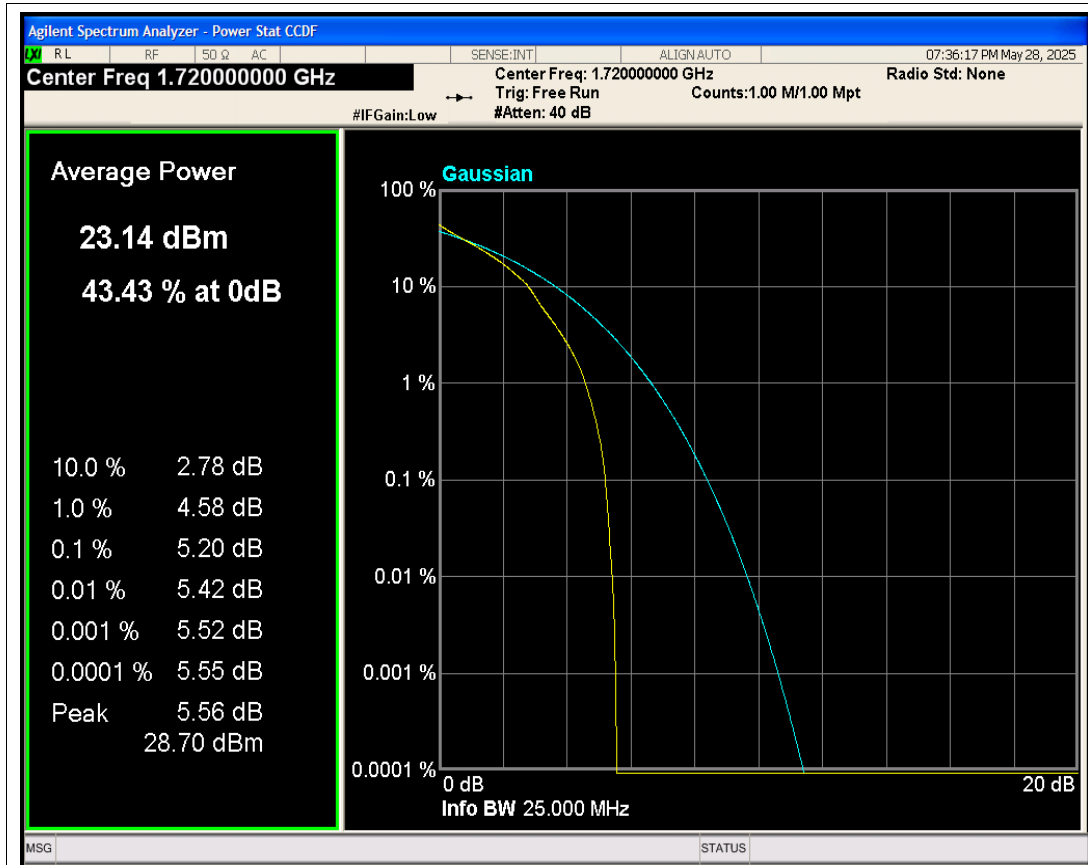




Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0 NVNT







Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0 NVNT

