

Appendix for Band 4

Report No.: BCTC2510142481-6E

Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY
CO.,LTD

Product Name: Smart Phone

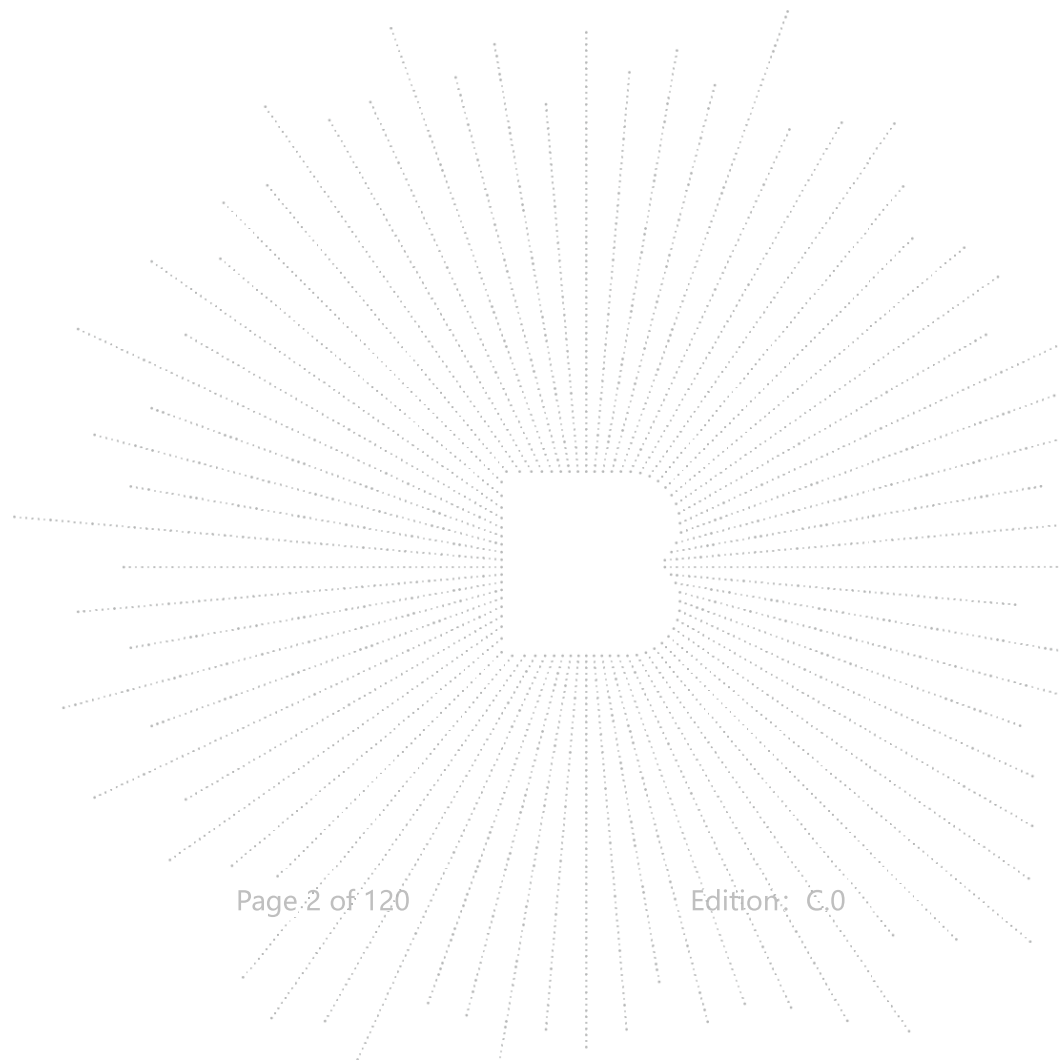
Test Model: C68

Tested Date: 2025-10-13 to 2025-11-05

Shenzhen BCTC Testing Co., Ltd.

Contents

Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement.....	3
Appendix 2.Frequency stability.....	10
Appendix 3.Peak-to-Average Ratio	29
Appendix 4.Occupied bandwidth	54
Appendix 5.Band edge.....	79
Appendix 6.Out-of-band emissions.....	96



Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement

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	22.32	1.15	23.47	PASS
NVNT	Band4	1.4	19957	1	#Mid	QPSK	22.32	1.15	23.47	PASS
NVNT	Band4	1.4	19957	1	#Max	QPSK	22.29	1.15	23.44	PASS
NVNT	Band4	1.4	19957	3	#0	QPSK	22.16	1.15	23.31	PASS
NVNT	Band4	1.4	19957	3	#Mid	QPSK	22.24	1.15	23.39	PASS
NVNT	Band4	1.4	19957	3	#Max	QPSK	22.23	1.15	23.38	PASS
NVNT	Band4	1.4	19957	6	#0	QPSK	21.75	1.15	22.90	PASS
NVNT	Band4	1.4	19957	1	#0	16QAM	22.82	1.15	23.97	PASS
NVNT	Band4	1.4	19957	1	#Mid	16QAM	22.81	1.15	23.96	PASS
NVNT	Band4	1.4	19957	1	#Max	16QAM	22.83	1.15	23.98	PASS
NVNT	Band4	1.4	19957	3	#0	16QAM	21.47	1.15	22.62	PASS
NVNT	Band4	1.4	19957	3	#Mid	16QAM	21.52	1.15	22.67	PASS
NVNT	Band4	1.4	19957	3	#Max	16QAM	21.48	1.15	22.63	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	20.34	1.15	21.49	PASS
NVNT	Band4	1.4	20175	1	#0	QPSK	21.66	1.15	22.81	PASS
NVNT	Band4	1.4	20175	1	#Mid	QPSK	21.73	1.15	22.88	PASS
NVNT	Band4	1.4	20175	1	#Max	QPSK	21.59	1.15	22.74	PASS
NVNT	Band4	1.4	20175	3	#0	QPSK	21.75	1.15	22.90	PASS
NVNT	Band4	1.4	20175	3	#Mid	QPSK	21.76	1.15	22.91	PASS
NVNT	Band4	1.4	20175	3	#Max	QPSK	21.72	1.15	22.87	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	21.19	1.15	22.34	PASS
NVNT	Band4	1.4	20175	1	#0	16QAM	22.10	1.15	23.25	PASS
NVNT	Band4	1.4	20175	1	#Mid	16QAM	22.00	1.15	23.15	PASS
NVNT	Band4	1.4	20175	1	#Max	16QAM	22.02	1.15	23.17	PASS
NVNT	Band4	1.4	20175	3	#0	16QAM	20.92	1.15	22.07	PASS
NVNT	Band4	1.4	20175	3	#Mid	16QAM	20.91	1.15	22.06	PASS
NVNT	Band4	1.4	20175	3	#Max	16QAM	20.79	1.15	21.94	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	19.96	1.15	21.11	PASS
NVNT	Band4	1.4	20393	1	#0	QPSK	22.18	1.15	23.33	PASS
NVNT	Band4	1.4	20393	1	#Mid	QPSK	22.16	1.15	23.31	PASS
NVNT	Band4	1.4	20393	1	#Max	QPSK	22.21	1.15	23.36	PASS
NVNT	Band4	1.4	20393	3	#0	QPSK	21.93	1.15	23.08	PASS
NVNT	Band4	1.4	20393	3	#Mid	QPSK	21.97	1.15	23.12	PASS
NVNT	Band4	1.4	20393	3	#Max	QPSK	21.90	1.15	23.05	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	21.46	1.15	22.61	PASS

NVNT	Band4	1.4	20393	1	#0	16QAM	22.03	1.15	23.18	PASS
NVNT	Band4	1.4	20393	1	#Mid	16QAM	21.98	1.15	23.13	PASS
NVNT	Band4	1.4	20393	1	#Max	16QAM	22.01	1.15	23.16	PASS
NVNT	Band4	1.4	20393	3	#0	16QAM	21.40	1.15	22.55	PASS
NVNT	Band4	1.4	20393	3	#Mid	16QAM	21.32	1.15	22.47	PASS
NVNT	Band4	1.4	20393	3	#Max	16QAM	21.29	1.15	22.44	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	20.08	1.15	21.23	PASS
NVNT	Band4	3	19965	1	#0	QPSK	22.12	1.15	23.27	PASS
NVNT	Band4	3	19965	1	#Mid	QPSK	22.12	1.15	23.27	PASS
NVNT	Band4	3	19965	1	#Max	QPSK	22.05	1.15	23.20	PASS
NVNT	Band4	3	19965	8	#0	QPSK	21.71	1.15	22.86	PASS
NVNT	Band4	3	19965	8	#Mid	QPSK	21.80	1.15	22.95	PASS
NVNT	Band4	3	19965	8	#Max	QPSK	21.62	1.15	22.77	PASS
NVNT	Band4	3	19965	15	#0	QPSK	21.76	1.15	22.91	PASS
NVNT	Band4	3	19965	1	#0	16QAM	22.86	1.15	24.01	PASS
NVNT	Band4	3	19965	1	#Mid	16QAM	22.93	1.15	24.08	PASS
NVNT	Band4	3	19965	1	#Max	16QAM	22.85	1.15	24.00	PASS
NVNT	Band4	3	19965	8	#0	16QAM	20.23	1.15	21.38	PASS
NVNT	Band4	3	19965	8	#Mid	16QAM	20.26	1.15	21.41	PASS
NVNT	Band4	3	19965	8	#Max	16QAM	20.17	1.15	21.32	PASS
NVNT	Band4	3	19965	15	#0	16QAM	20.43	1.15	21.58	PASS
NVNT	Band4	3	20175	1	#0	QPSK	21.69	1.15	22.84	PASS
NVNT	Band4	3	20175	1	#Mid	QPSK	21.61	1.15	22.76	PASS
NVNT	Band4	3	20175	1	#Max	QPSK	21.64	1.15	22.79	PASS
NVNT	Band4	3	20175	8	#0	QPSK	21.30	1.15	22.45	PASS
NVNT	Band4	3	20175	8	#Mid	QPSK	21.28	1.15	22.43	PASS
NVNT	Band4	3	20175	8	#Max	QPSK	21.19	1.15	22.34	PASS
NVNT	Band4	3	20175	15	#0	QPSK	21.26	1.15	22.41	PASS
NVNT	Band4	3	20175	1	#0	16QAM	22.02	1.15	23.17	PASS
NVNT	Band4	3	20175	1	#Mid	16QAM	22.00	1.15	23.15	PASS
NVNT	Band4	3	20175	1	#Max	16QAM	21.98	1.15	23.13	PASS
NVNT	Band4	3	20175	8	#0	16QAM	20.03	1.15	21.18	PASS
NVNT	Band4	3	20175	8	#Mid	16QAM	20.02	1.15	21.17	PASS
NVNT	Band4	3	20175	8	#Max	16QAM	19.99	1.15	21.14	PASS
NVNT	Band4	3	20175	15	#0	16QAM	19.83	1.15	20.98	PASS
NVNT	Band4	3	20385	1	#0	QPSK	22.19	1.15	23.34	PASS
NVNT	Band4	3	20385	1	#Mid	QPSK	22.26	1.15	23.41	PASS
NVNT	Band4	3	20385	1	#Max	QPSK	22.22	1.15	23.37	PASS
NVNT	Band4	3	20385	8	#0	QPSK	21.36	1.15	22.51	PASS
NVNT	Band4	3	20385	8	#Mid	QPSK	21.36	1.15	22.51	PASS
NVNT	Band4	3	20385	8	#Max	QPSK	21.37	1.15	22.52	PASS
NVNT	Band4	3	20385	15	#0	QPSK	21.44	1.15	22.59	PASS

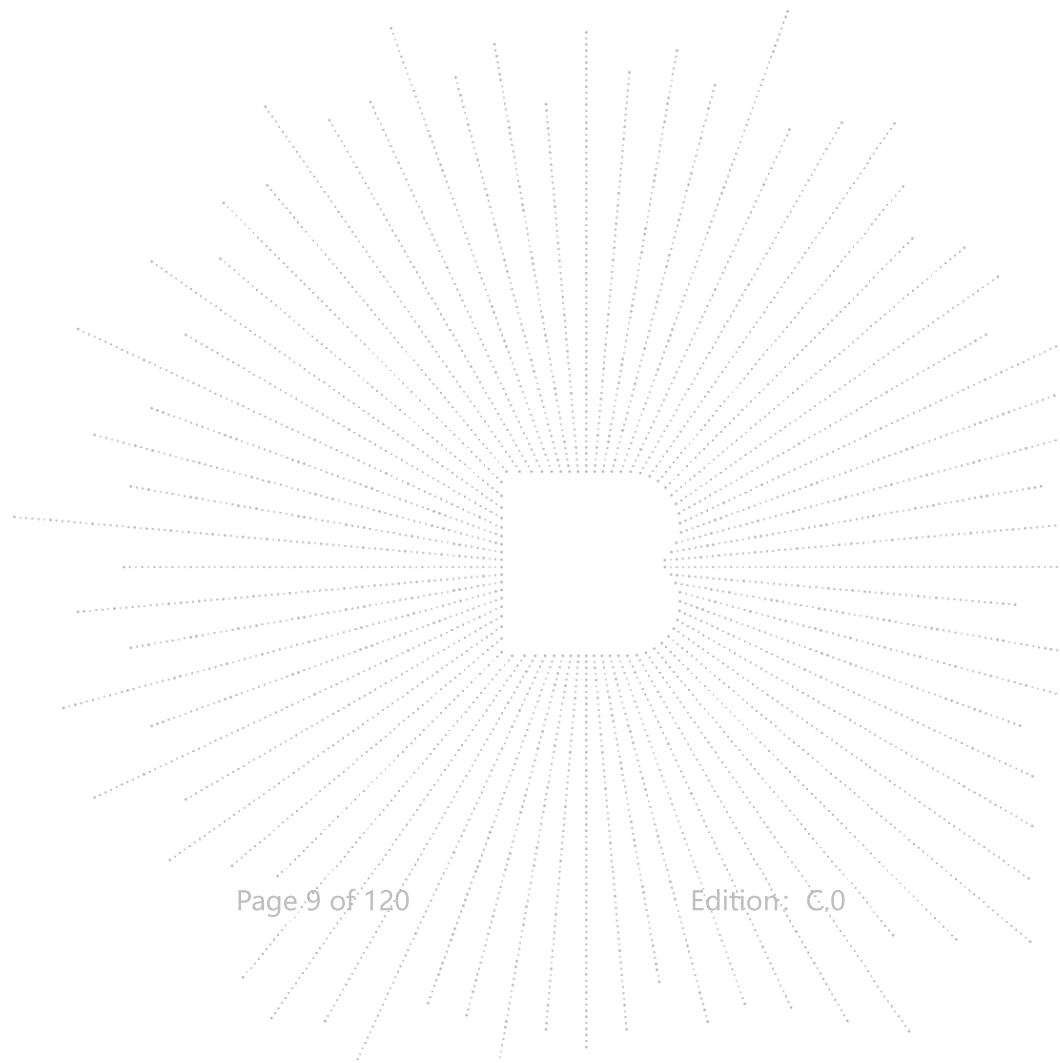
NVNT	Band4	3	20385	1	#0	16QAM	21.98	1.15	23.13	PASS
NVNT	Band4	3	20385	1	#Mid	16QAM	22.01	1.15	23.16	PASS
NVNT	Band4	3	20385	1	#Max	16QAM	21.95	1.15	23.10	PASS
NVNT	Band4	3	20385	8	#0	16QAM	20.09	1.15	21.24	PASS
NVNT	Band4	3	20385	8	#Mid	16QAM	20.03	1.15	21.18	PASS
NVNT	Band4	3	20385	8	#Max	16QAM	20.01	1.15	21.16	PASS
NVNT	Band4	3	20385	15	#0	16QAM	20.04	1.15	21.19	PASS
NVNT	Band4	5	19975	1	#0	QPSK	22.05	1.15	23.20	PASS
NVNT	Band4	5	19975	1	#Mid	QPSK	22.02	1.15	23.17	PASS
NVNT	Band4	5	19975	1	#Max	QPSK	22.06	1.15	23.21	PASS
NVNT	Band4	5	19975	12	#0	QPSK	21.81	1.15	22.96	PASS
NVNT	Band4	5	19975	12	#Mid	QPSK	21.68	1.15	22.83	PASS
NVNT	Band4	5	19975	12	#Max	QPSK	21.59	1.15	22.74	PASS
NVNT	Band4	5	19975	25	#0	QPSK	21.63	1.15	22.78	PASS
NVNT	Band4	5	19975	1	#0	16QAM	22.02	1.15	23.17	PASS
NVNT	Band4	5	19975	1	#Mid	16QAM	21.93	1.15	23.08	PASS
NVNT	Band4	5	19975	1	#Max	16QAM	21.93	1.15	23.08	PASS
NVNT	Band4	5	19975	12	#0	16QAM	20.15	1.15	21.30	PASS
NVNT	Band4	5	19975	12	#Mid	16QAM	20.17	1.15	21.32	PASS
NVNT	Band4	5	19975	12	#Max	16QAM	20.12	1.15	21.27	PASS
NVNT	Band4	5	19975	25	#0	16QAM	20.24	1.15	21.39	PASS
NVNT	Band4	5	20175	1	#0	QPSK	21.77	1.15	22.92	PASS
NVNT	Band4	5	20175	1	#Mid	QPSK	21.71	1.15	22.86	PASS
NVNT	Band4	5	20175	1	#Max	QPSK	21.72	1.15	22.87	PASS
NVNT	Band4	5	20175	12	#0	QPSK	21.16	1.15	22.31	PASS
NVNT	Band4	5	20175	12	#Mid	QPSK	21.16	1.15	22.31	PASS
NVNT	Band4	5	20175	12	#Max	QPSK	21.12	1.15	22.27	PASS
NVNT	Band4	5	20175	25	#0	QPSK	21.28	1.15	22.43	PASS
NVNT	Band4	5	20175	1	#0	16QAM	21.00	1.15	22.15	PASS
NVNT	Band4	5	20175	1	#Mid	16QAM	20.96	1.15	22.11	PASS
NVNT	Band4	5	20175	1	#Max	16QAM	20.98	1.15	22.13	PASS
NVNT	Band4	5	20175	12	#0	16QAM	19.76	1.15	20.91	PASS
NVNT	Band4	5	20175	12	#Mid	16QAM	19.66	1.15	20.81	PASS
NVNT	Band4	5	20175	12	#Max	16QAM	19.69	1.15	20.84	PASS
NVNT	Band4	5	20175	25	#0	16QAM	19.79	1.15	20.94	PASS
NVNT	Band4	5	20375	1	#0	QPSK	21.84	1.15	22.99	PASS
NVNT	Band4	5	20375	1	#Mid	QPSK	21.80	1.15	22.95	PASS
NVNT	Band4	5	20375	1	#Max	QPSK	21.79	1.15	22.94	PASS
NVNT	Band4	5	20375	12	#0	QPSK	21.47	1.15	22.62	PASS
NVNT	Band4	5	20375	12	#Mid	QPSK	21.44	1.15	22.59	PASS
NVNT	Band4	5	20375	12	#Max	QPSK	21.51	1.15	22.66	PASS
NVNT	Band4	5	20375	25	#0	QPSK	21.53	1.15	22.68	PASS

NVNT	Band4	5	20375	1	#0	16QAM	21.54	1.15	22.69	PASS
NVNT	Band4	5	20375	1	#Mid	16QAM	21.48	1.15	22.63	PASS
NVNT	Band4	5	20375	1	#Max	16QAM	21.54	1.15	22.69	PASS
NVNT	Band4	5	20375	12	#0	16QAM	20.02	1.15	21.17	PASS
NVNT	Band4	5	20375	12	#Mid	16QAM	20.06	1.15	21.21	PASS
NVNT	Band4	5	20375	12	#Max	16QAM	20.01	1.15	21.16	PASS
NVNT	Band4	5	20375	25	#0	16QAM	20.03	1.15	21.18	PASS
NVNT	Band4	10	20000	1	#0	QPSK	22.17	1.15	23.32	PASS
NVNT	Band4	10	20000	1	#Mid	QPSK	22.11	1.15	23.26	PASS
NVNT	Band4	10	20000	1	#Max	QPSK	22.00	1.15	23.15	PASS
NVNT	Band4	10	20000	25	#0	QPSK	21.68	1.15	22.83	PASS
NVNT	Band4	10	20000	25	#Mid	QPSK	21.61	1.15	22.76	PASS
NVNT	Band4	10	20000	25	#Max	QPSK	21.61	1.15	22.76	PASS
NVNT	Band4	10	20000	50	#0	QPSK	21.73	1.15	22.88	PASS
NVNT	Band4	10	20000	1	#0	16QAM	22.92	1.15	24.07	PASS
NVNT	Band4	10	20000	1	#Mid	16QAM	22.88	1.15	24.03	PASS
NVNT	Band4	10	20000	1	#Max	16QAM	22.84	1.15	23.99	PASS
NVNT	Band4	10	20000	25	#0	16QAM	20.22	1.15	21.37	PASS
NVNT	Band4	10	20000	25	#Mid	16QAM	20.11	1.15	21.26	PASS
NVNT	Band4	10	20000	25	#Max	16QAM	20.17	1.15	21.32	PASS
NVNT	Band4	10	20000	50	#0	16QAM	20.16	1.15	21.31	PASS
NVNT	Band4	10	20175	1	#0	QPSK	21.92	1.15	23.07	PASS
NVNT	Band4	10	20175	1	#Mid	QPSK	21.74	1.15	22.89	PASS
NVNT	Band4	10	20175	1	#Max	QPSK	21.83	1.15	22.98	PASS
NVNT	Band4	10	20175	25	#0	QPSK	21.37	1.15	22.52	PASS
NVNT	Band4	10	20175	25	#Mid	QPSK	21.33	1.15	22.48	PASS
NVNT	Band4	10	20175	25	#Max	QPSK	21.18	1.15	22.33	PASS
NVNT	Band4	10	20175	50	#0	QPSK	21.15	1.15	22.30	PASS
NVNT	Band4	10	20175	1	#0	16QAM	21.44	1.15	22.59	PASS
NVNT	Band4	10	20175	1	#Mid	16QAM	22.02	1.15	23.17	PASS
NVNT	Band4	10	20175	1	#Max	16QAM	21.96	1.15	23.11	PASS
NVNT	Band4	10	20175	25	#0	16QAM	19.90	1.15	21.05	PASS
NVNT	Band4	10	20175	25	#Mid	16QAM	19.72	1.15	20.87	PASS
NVNT	Band4	10	20175	25	#Max	16QAM	19.85	1.15	21.00	PASS
NVNT	Band4	10	20175	50	#0	16QAM	19.87	1.15	21.02	PASS
NVNT	Band4	10	20350	1	#0	QPSK	21.92	1.15	23.07	PASS
NVNT	Band4	10	20350	1	#Mid	QPSK	22.02	1.15	23.17	PASS
NVNT	Band4	10	20350	1	#Max	QPSK	21.98	1.15	23.13	PASS
NVNT	Band4	10	20350	25	#0	QPSK	21.48	1.15	22.63	PASS
NVNT	Band4	10	20350	25	#Mid	QPSK	21.49	1.15	22.64	PASS
NVNT	Band4	10	20350	25	#Max	QPSK	21.53	1.15	22.68	PASS
NVNT	Band4	10	20350	50	#0	QPSK	21.50	1.15	22.65	PASS

NVNT	Band4	10	20350	1	#0	16QAM	21.51	1.15	22.66	PASS
NVNT	Band4	10	20350	1	#Mid	16QAM	21.55	1.15	22.70	PASS
NVNT	Band4	10	20350	1	#Max	16QAM	21.63	1.15	22.78	PASS
NVNT	Band4	10	20350	25	#0	16QAM	20.00	1.15	21.15	PASS
NVNT	Band4	10	20350	25	#Mid	16QAM	19.98	1.15	21.13	PASS
NVNT	Band4	10	20350	25	#Max	16QAM	20.06	1.15	21.21	PASS
NVNT	Band4	10	20350	50	#0	16QAM	19.99	1.15	21.14	PASS
NVNT	Band4	15	20025	1	#0	QPSK	22.14	1.15	23.29	PASS
NVNT	Band4	15	20025	1	#Mid	QPSK	22.05	1.15	23.20	PASS
NVNT	Band4	15	20025	1	#Max	QPSK	21.93	1.15	23.08	PASS
NVNT	Band4	15	20025	36	#0	QPSK	21.54	1.15	22.69	PASS
NVNT	Band4	15	20025	36	#Mid	QPSK	21.60	1.15	22.75	PASS
NVNT	Band4	15	20025	36	#Max	QPSK	21.46	1.15	22.61	PASS
NVNT	Band4	15	20025	75	#0	QPSK	21.60	1.15	22.75	PASS
NVNT	Band4	15	20025	1	#0	16QAM	22.92	1.15	24.07	PASS
NVNT	Band4	15	20025	1	#Mid	16QAM	22.87	1.15	24.02	PASS
NVNT	Band4	15	20025	1	#Max	16QAM	22.74	1.15	23.89	PASS
NVNT	Band4	15	20025	36	#0	16QAM	20.20	1.15	21.35	PASS
NVNT	Band4	15	20025	36	#Mid	16QAM	20.21	1.15	21.36	PASS
NVNT	Band4	15	20025	36	#Max	16QAM	20.12	1.15	21.27	PASS
NVNT	Band4	15	20025	75	#0	16QAM	20.26	1.15	21.41	PASS
NVNT	Band4	15	20175	1	#0	QPSK	22.02	1.15	23.17	PASS
NVNT	Band4	15	20175	1	#Mid	QPSK	21.82	1.15	22.97	PASS
NVNT	Band4	15	20175	1	#Max	QPSK	21.78	1.15	22.93	PASS
NVNT	Band4	15	20175	36	#0	QPSK	21.36	1.15	22.51	PASS
NVNT	Band4	15	20175	36	#Mid	QPSK	21.27	1.15	22.42	PASS
NVNT	Band4	15	20175	36	#Max	QPSK	21.24	1.15	22.39	PASS
NVNT	Band4	15	20175	75	#0	QPSK	21.24	1.15	22.39	PASS
NVNT	Band4	15	20175	1	#0	16QAM	21.53	1.15	22.68	PASS
NVNT	Band4	15	20175	1	#Mid	16QAM	21.32	1.15	22.47	PASS
NVNT	Band4	15	20175	1	#Max	16QAM	21.31	1.15	22.46	PASS
NVNT	Band4	15	20175	36	#0	16QAM	20.06	1.15	21.21	PASS
NVNT	Band4	15	20175	36	#Mid	16QAM	19.95	1.15	21.10	PASS
NVNT	Band4	15	20175	36	#Max	16QAM	19.91	1.15	21.06	PASS
NVNT	Band4	15	20175	75	#0	16QAM	19.78	1.15	20.93	PASS
NVNT	Band4	15	20325	1	#0	QPSK	21.84	1.15	22.99	PASS
NVNT	Band4	15	20325	1	#Mid	QPSK	22.00	1.15	23.15	PASS
NVNT	Band4	15	20325	1	#Max	QPSK	22.00	1.15	23.15	PASS
NVNT	Band4	15	20325	36	#0	QPSK	21.33	1.15	22.48	PASS
NVNT	Band4	15	20325	36	#Mid	QPSK	21.29	1.15	22.44	PASS
NVNT	Band4	15	20325	36	#Max	QPSK	21.46	1.15	22.61	PASS
NVNT	Band4	15	20325	75	#0	QPSK	21.45	1.15	22.60	PASS

NVNT	Band4	15	20325	1	#0	16QAM	22.09	1.15	23.24	PASS
NVNT	Band4	15	20325	1	#Mid	16QAM	22.30	1.15	23.45	PASS
NVNT	Band4	15	20325	1	#Max	16QAM	22.30	1.15	23.45	PASS
NVNT	Band4	15	20325	36	#0	16QAM	19.87	1.15	21.02	PASS
NVNT	Band4	15	20325	36	#Mid	16QAM	19.98	1.15	21.13	PASS
NVNT	Band4	15	20325	36	#Max	16QAM	19.92	1.15	21.07	PASS
NVNT	Band4	15	20325	75	#0	16QAM	20.09	1.15	21.24	PASS
NVNT	Band4	20	20050	1	#0	QPSK	22.23	1.15	23.38	PASS
NVNT	Band4	20	20050	1	#Mid	QPSK	22.01	1.15	23.16	PASS
NVNT	Band4	20	20050	1	#Max	QPSK	21.84	1.15	22.99	PASS
NVNT	Band4	20	20050	50	#0	QPSK	21.69	1.15	22.84	PASS
NVNT	Band4	20	20050	50	#Mid	QPSK	21.61	1.15	22.76	PASS
NVNT	Band4	20	20050	50	#Max	QPSK	21.37	1.15	22.52	PASS
NVNT	Band4	20	20050	100	#0	QPSK	21.56	1.15	22.71	PASS
NVNT	Band4	20	20050	1	#0	16QAM	21.50	1.15	22.65	PASS
NVNT	Band4	20	20050	1	#Mid	16QAM	21.30	1.15	22.45	PASS
NVNT	Band4	20	20050	1	#Max	16QAM	21.03	1.15	22.18	PASS
NVNT	Band4	20	20050	50	#0	16QAM	20.24	1.15	21.39	PASS
NVNT	Band4	20	20050	50	#Mid	16QAM	20.17	1.15	21.32	PASS
NVNT	Band4	20	20050	50	#Max	16QAM	20.17	1.15	21.32	PASS
NVNT	Band4	20	20050	100	#0	16QAM	20.08	1.15	21.23	PASS
NVNT	Band4	20	20175	1	#0	QPSK	22.02	1.15	23.17	PASS
NVNT	Band4	20	20175	1	#Mid	QPSK	21.72	1.15	22.87	PASS
NVNT	Band4	20	20175	1	#Max	QPSK	21.78	1.15	22.93	PASS
NVNT	Band4	20	20175	50	#0	QPSK	21.34	1.15	22.49	PASS
NVNT	Band4	20	20175	50	#Mid	QPSK	21.27	1.15	22.42	PASS
NVNT	Band4	20	20175	50	#Max	QPSK	21.33	1.15	22.48	PASS
NVNT	Band4	20	20175	100	#0	QPSK	21.33	1.15	22.48	PASS
NVNT	Band4	20	20175	1	#0	16QAM	21.66	1.15	22.81	PASS
NVNT	Band4	20	20175	1	#Mid	16QAM	21.49	1.15	22.64	PASS
NVNT	Band4	20	20175	1	#Max	16QAM	21.44	1.15	22.59	PASS
NVNT	Band4	20	20175	50	#0	16QAM	19.88	1.15	21.03	PASS
NVNT	Band4	20	20175	50	#Mid	16QAM	19.80	1.15	20.95	PASS
NVNT	Band4	20	20175	50	#Max	16QAM	19.85	1.15	21.00	PASS
NVNT	Band4	20	20175	100	#0	16QAM	19.79	1.15	20.94	PASS
NVNT	Band4	20	20300	1	#0	QPSK	21.77	1.15	22.92	PASS
NVNT	Band4	20	20300	1	#Mid	QPSK	21.90	1.15	23.05	PASS
NVNT	Band4	20	20300	1	#Max	QPSK	22.03	1.15	23.18	PASS
NVNT	Band4	20	20300	50	#0	QPSK	21.14	1.15	22.29	PASS
NVNT	Band4	20	20300	50	#Mid	QPSK	21.40	1.15	22.55	PASS
NVNT	Band4	20	20300	50	#Max	QPSK	21.47	1.15	22.62	PASS
NVNT	Band4	20	20300	100	#0	QPSK	21.20	1.15	22.35	PASS

NVNT	Band4	20	20300	1	#0	16QAM	21.46	1.15	22.61	PASS
NVNT	Band4	20	20300	1	#Mid	16QAM	21.41	1.15	22.56	PASS
NVNT	Band4	20	20300	1	#Max	16QAM	21.58	1.15	22.73	PASS
NVNT	Band4	20	20300	50	#0	16QAM	19.82	1.15	20.97	PASS
NVNT	Band4	20	20300	50	#Mid	16QAM	19.88	1.15	21.03	PASS
NVNT	Band4	20	20300	50	#Max	16QAM	19.93	1.15	21.08	PASS
NVNT	Band4	20	20300	100	#0	16QAM	19.85	1.15	21.00	PASS



Appendix 2.Frequency stability

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
NVNT	Band 4	1.4	19957	6	#0	QPSK	LV	NT	14.59	0.009	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	NT	-0.44	0.000	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	HV	NT	17.88	0.010	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	LV	NT	27.69	0.016	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	NT	30.50	0.018	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	HV	NT	28.74	0.017	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	LV	NT	-15.71	-0.009	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	NT	-20.21	-0.012	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	HV	NT	-26.18	-0.015	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	LV	NT	-33.63	-0.019	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	NT	-37.78	-0.022	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	HV	NT	-40.08	-0.023	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	LV	NT	-17.81	-0.010	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	NT	-21.09	-0.012	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	HV	NT	-28.54	-0.016	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	LV	NT	-36.49	-0.021	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	NT	-6.01	-0.003	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	HV	NT	-10.06	-0.006	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	LV	NT	12.85	0.008	PASS

NVNT	Band 4	3	19965	15	#0	QPSK	NV	NT	18.58	0.011	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	HV	NT	32.97	0.019	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	LV	NT	-9.80	-0.006	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	NT	-12.76	-0.007	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	HV	NT	-21.26	-0.012	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	LV	NT	-18.65	-0.011	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	NT	-26.64	-0.015	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	HV	NT	-36.16	-0.021	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	LV	NT	-10.26	-0.006	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	NT	-18.24	-0.011	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	HV	NT	-25.05	-0.014	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	LV	NT	-15.81	-0.009	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	NT	-17.90	-0.010	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	HV	NT	-22.26	-0.013	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	LV	NT	-30.08	-0.017	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	NT	-36.69	-0.021	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	HV	NT	-41.38	-0.024	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	LV	NT	16.37	0.010	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	NT	41.31	0.024	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	HV	NT	14.59	0.009	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	LV	NT	11.84	0.007	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	NT	1.50	0.001	PASS

	4										
NVNT	Band 4	5	19975	25	#0	16QAM	HV	NT	-7.85	-0.005	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	LV	NT	3.18	0.002	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	NT	-4.45	-0.003	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	HV	NT	-14.43	-0.008	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	LV	NT	-24.19	-0.014	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	NT	-30.90	-0.018	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	HV	NT	-14.93	-0.009	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	LV	NT	-10.77	-0.006	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	NT	-9.84	-0.006	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	HV	NT	-18.14	-0.010	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	LV	NT	-28.22	-0.016	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	NT	-38.47	-0.022	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	HV	NT	-7.44	-0.004	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	LV	NT	22.20	0.013	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	NT	19.08	0.011	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	HV	NT	30.20	0.018	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	LV	NT	23.10	0.013	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	NT	10.47	0.006	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	HV	NT	-0.79	0.000	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	LV	NT	8.17	0.005	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	NT	1.34	0.001	PASS

NVNT	Band 4	10	20175	50	#0	QPSK	HV	NT	-9.00	-0.005	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	LV	NT	-24.12	-0.014	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	NT	-23.56	-0.014	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	HV	NT	-3.93	-0.002	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	LV	NT	4.98	0.003	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	NT	1.83	0.001	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	HV	NT	-6.47	-0.004	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	LV	NT	-19.88	-0.011	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	NT	-24.40	-0.014	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	HV	NT	-29.51	-0.017	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	LV	NT	19.81	0.012	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	NT	21.27	0.012	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	HV	NT	16.25	0.009	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	LV	NT	-10.53	-0.006	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	NT	-37.39	-0.022	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	HV	NT	-22.60	-0.013	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	LV	NT	-9.84	-0.006	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	NT	-24.92	-0.014	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	HV	NT	-21.11	-0.012	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	LV	NT	-23.03	-0.013	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	NT	-31.16	-0.018	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	HV	NT	-30.98	-0.018	PASS

	4										
NVNT	Band 4	15	20325	75	#0	QPSK	LV	NT	-6.19	-0.004	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	NT	-7.90	-0.005	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	HV	NT	-11.47	-0.007	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	LV	NT	-17.78	-0.010	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	NT	-18.15	-0.010	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	HV	NT	-13.16	-0.008	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	LV	NT	20.83	0.012	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	NT	25.48	0.015	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	HV	NT	21.21	0.012	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	LV	NT	0.72	0.000	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	NT	-12.27	-0.007	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	HV	NT	-18.73	-0.011	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	LV	NT	4.13	0.002	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	NT	-0.53	0.000	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	HV	NT	-9.14	-0.005	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	LV	NT	-18.98	-0.011	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	NT	-21.69	-0.013	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	HV	NT	-68.01	-0.039	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	LV	NT	0.33	0.000	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	NT	2.99	0.002	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	HV	NT	2.36	0.001	PASS

NVNT	Band 4	20	20300	100	#0	16QAM	LV	NT	-1.77	-0.001	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	NT	3.08	0.002	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	HV	NT	9.77	0.006	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	-30	40.47	0.024	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	-20	2.63	0.002	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	0	12.06	0.007	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	10	14.20	0.008	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	20	2.03	0.001	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	30	-15.12	-0.009	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	40	-15.03	-0.009	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	50	-20.40	-0.012	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	-30	-22.40	-0.013	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	-20	-32.23	-0.019	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	0	-30.56	-0.018	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	10	-20.90	-0.012	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	20	8.90	0.005	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	30	-10.96	-0.006	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	40	-27.44	-0.016	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	50	-4.75	-0.003	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	-30	-33.69	-0.019	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	-20	4.25	0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	0	-3.18	-0.002	PASS

	4										
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	10	-11.01	-0.006	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	20	-24.00	-0.014	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	30	-34.35	-0.020	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	40	-8.85	-0.005	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	50	-18.14	-0.010	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	-30	-30.44	-0.018	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	-20	-37.24	-0.021	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	0	-42.47	-0.025	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	10	3.81	0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	20	4.06	0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	30	3.49	0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	40	2.22	0.001	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	50	3.39	0.002	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	-30	11.50	0.007	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	-20	10.93	0.006	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	0	6.14	0.003	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	10	-0.47	0.000	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	20	-10.53	-0.006	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	30	-19.67	-0.011	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	40	-9.33	-0.005	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	50	-4.52	-0.003	PASS

NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	-30	-16.37	-0.009	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	-20	-27.37	-0.016	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	0	-28.80	-0.016	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	10	-19.86	-0.011	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	20	-25.91	-0.015	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	30	-32.26	-0.018	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	40	-35.25	-0.020	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	50	-34.36	-0.020	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	-30	39.54	0.023	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	-20	13.72	0.008	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	0	29.25	0.017	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	10	-15.01	-0.009	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	20	-22.07	-0.013	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	30	-35.46	-0.021	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	40	-4.96	-0.003	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	50	-19.57	-0.011	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	-30	-38.21	-0.022	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	-20	-7.82	-0.005	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	0	-26.08	-0.015	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	10	-18.34	-0.011	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	20	-30.97	-0.018	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	30	-6.67	-0.004	PASS

	4										
NVNT	Band 4	3	19965	15	#0	16QAM	NV	40	-16.97	-0.010	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	50	-27.28	-0.016	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	-30	-21.24	-0.012	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	-20	-23.78	-0.014	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	0	-25.19	-0.015	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	10	-25.96	-0.015	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	20	-24.65	-0.014	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	30	-26.29	-0.015	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	40	-31.84	-0.018	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	50	-35.02	-0.020	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	-30	-37.28	-0.022	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	-20	-38.35	-0.022	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	0	-39.84	-0.023	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	10	-40.03	-0.023	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	20	-39.42	-0.023	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	30	-36.23	-0.021	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	40	-34.79	-0.020	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	50	-29.18	-0.017	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	-30	10.09	0.006	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	-20	11.27	0.006	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	0	11.09	0.006	PASS

NVNT	Band 4	3	20385	15	#0	QPSK	NV	10	5.11	0.003	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	20	-1.97	-0.001	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	30	-10.67	-0.006	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	40	-21.80	-0.012	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	50	-33.62	-0.019	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	-30	-7.11	-0.004	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	-20	-15.18	-0.009	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	0	-19.87	-0.011	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	10	-25.18	-0.014	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	20	-27.89	-0.016	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	30	-28.80	-0.016	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	40	-28.42	-0.016	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	50	-24.10	-0.014	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	-30	28.04	0.016	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	-20	29.21	0.017	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	0	24.40	0.014	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	10	27.09	0.016	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	20	16.39	0.010	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	30	3.71	0.002	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	40	-15.06	-0.009	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	50	-36.13	-0.021	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	-30	-19.43	-0.011	PASS

	4										
NVNT	Band 4	5	19975	25	#0	16QAM	NV	-20	9.13	0.005	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	0	-7.72	-0.005	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	10	-22.46	-0.013	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	20	-37.69	-0.022	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	30	-10.26	-0.006	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	40	-19.10	-0.011	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	50	-27.88	-0.016	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	-30	-8.27	-0.005	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	-20	-9.37	-0.005	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	0	-10.26	-0.006	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	10	-8.80	-0.005	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	20	-8.03	-0.005	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	30	-12.95	-0.007	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	40	-15.39	-0.009	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	50	-16.65	-0.010	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	-30	-17.88	-0.010	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	-20	-20.79	-0.012	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	0	-22.83	-0.013	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	10	-24.26	-0.014	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	20	-19.37	-0.011	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	30	-15.05	-0.009	PASS

NVNT	Band 4	5	20175	25	#0	16QAM	NV	40	-10.96	-0.006	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	50	-4.99	-0.003	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	-30	-1.54	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	-20	4.45	0.003	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	0	4.18	0.002	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	10	0.29	0.000	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	20	-6.94	-0.004	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	30	-18.73	-0.011	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	40	-27.12	-0.015	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	50	-37.54	-0.021	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	-30	1.42	0.001	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	-20	-5.55	-0.003	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	0	-10.99	-0.006	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	10	-11.76	-0.007	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	20	-9.46	-0.005	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	30	-9.53	-0.005	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	40	-6.18	-0.004	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	50	-5.35	-0.003	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	-30	35.89	0.021	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	-20	30.68	0.018	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	0	7.62	0.004	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	10	-3.83	-0.002	PASS

	4										
NVNT	Band 4	10	20000	50	#0	QPSK	NV	20	-15.82	-0.009	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	30	-31.61	-0.018	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	40	-10.76	-0.006	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	50	-20.89	-0.012	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	-30	-7.42	-0.004	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	-20	-27.94	-0.016	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	0	-14.32	-0.008	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	10	-7.67	-0.004	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	20	-11.60	-0.007	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	30	-19.76	-0.012	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	40	-25.81	-0.015	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	50	-29.35	-0.017	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	-30	-6.74	-0.004	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	-20	-5.42	-0.003	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	0	-9.81	-0.006	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	10	-13.88	-0.008	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	20	-21.46	-0.012	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	30	-32.14	-0.019	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	40	8.31	0.005	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	50	3.23	0.002	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	-30	-0.53	0.000	PASS

NVNT	Band 4	10	20175	50	#0	16QAM	NV	-20	-2.57	-0.001	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	0	-4.08	-0.002	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	10	-5.44	-0.003	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	20	-0.89	-0.001	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	30	6.97	0.004	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	40	13.99	0.008	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	50	21.36	0.012	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	-30	2.79	0.002	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	-20	4.02	0.002	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	0	-0.83	0.000	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	10	-8.96	-0.005	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	20	-21.20	-0.012	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	30	-33.96	-0.019	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	40	-28.57	-0.016	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	50	-20.61	-0.012	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	-30	-30.68	-0.018	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	-20	-35.09	-0.020	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	0	-38.18	-0.022	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	10	-35.38	-0.020	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	20	-32.57	-0.019	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	30	-31.14	-0.018	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	40	-25.66	-0.015	PASS

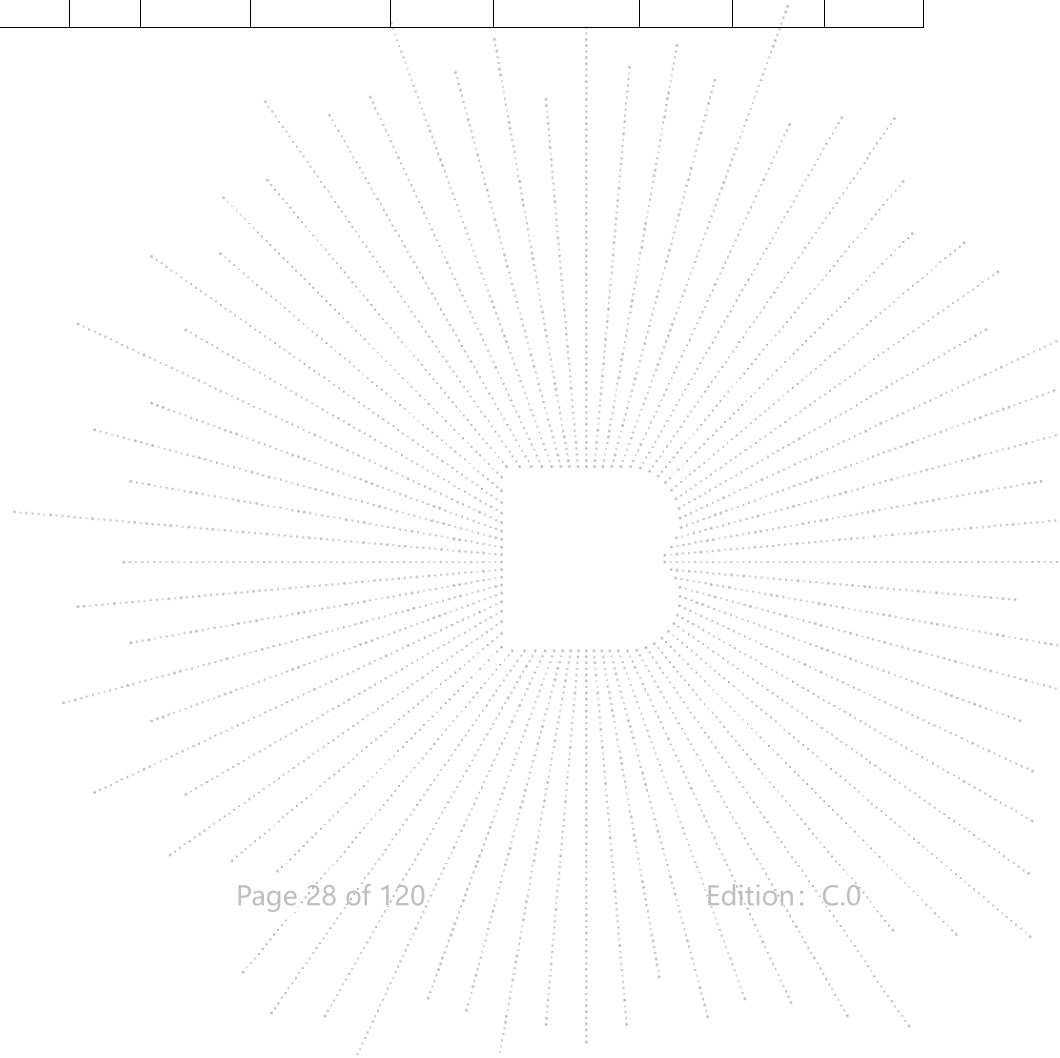
	4										
NVNT	Band 4	10	20350	50	#0	16QAM	NV	50	-20.43	-0.012	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	-30	5.05	0.003	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	-20	23.46	0.014	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	0	19.35	0.011	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	10	-6.31	-0.004	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	20	-27.42	-0.016	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	30	-28.82	-0.017	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	40	-24.08	-0.014	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	50	-17.78	-0.010	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	-30	-16.77	-0.010	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	-20	-7.47	-0.004	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	0	-15.62	-0.009	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	10	-15.94	-0.009	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	20	-15.74	-0.009	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	30	-15.76	-0.009	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	40	-9.90	-0.006	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	50	-8.58	-0.005	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	-30	-11.26	-0.006	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	-20	-10.40	-0.006	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	0	-14.73	-0.009	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	10	-24.05	-0.014	PASS

NVNT	Band 4	15	20175	75	#0	QPSK	NV	20	-28.05	-0.016	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	30	-33.92	-0.020	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	40	-41.69	-0.024	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	50	-5.21	-0.003	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	-30	-10.71	-0.006	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	-20	-9.20	-0.005	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	0	-3.76	-0.002	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	10	6.12	0.004	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	20	17.48	0.010	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	30	28.05	0.016	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	40	39.87	0.023	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	50	-2.26	-0.001	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	-30	-12.79	-0.007	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	-20	-7.64	-0.004	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	0	-18.44	-0.011	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	10	-34.17	-0.020	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	20	0.10	0.000	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	30	-17.84	-0.010	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	40	-34.07	-0.019	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	50	-16.05	-0.009	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	-30	-29.90	-0.017	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	-20	-38.64	-0.022	PASS

	4										
NVNT	Band 4	15	20325	75	#0	16QAM	NV	0	-37.62	-0.022	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	10	-33.45	-0.019	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	20	-27.12	-0.016	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	30	-25.18	-0.014	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	40	-19.84	-0.011	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	50	-10.91	-0.006	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	-30	6.21	0.004	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	-20	14.92	0.009	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	0	-10.83	-0.006	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	10	-29.83	-0.017	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	20	-26.74	-0.016	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	30	-35.63	-0.021	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	40	-0.70	0.000	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	50	-24.92	-0.014	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	-30	-20.23	-0.012	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	-20	-12.33	-0.007	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	0	-15.03	-0.009	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	10	-10.29	-0.006	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	20	0.39	0.000	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	30	9.20	0.005	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	40	8.41	0.005	PASS

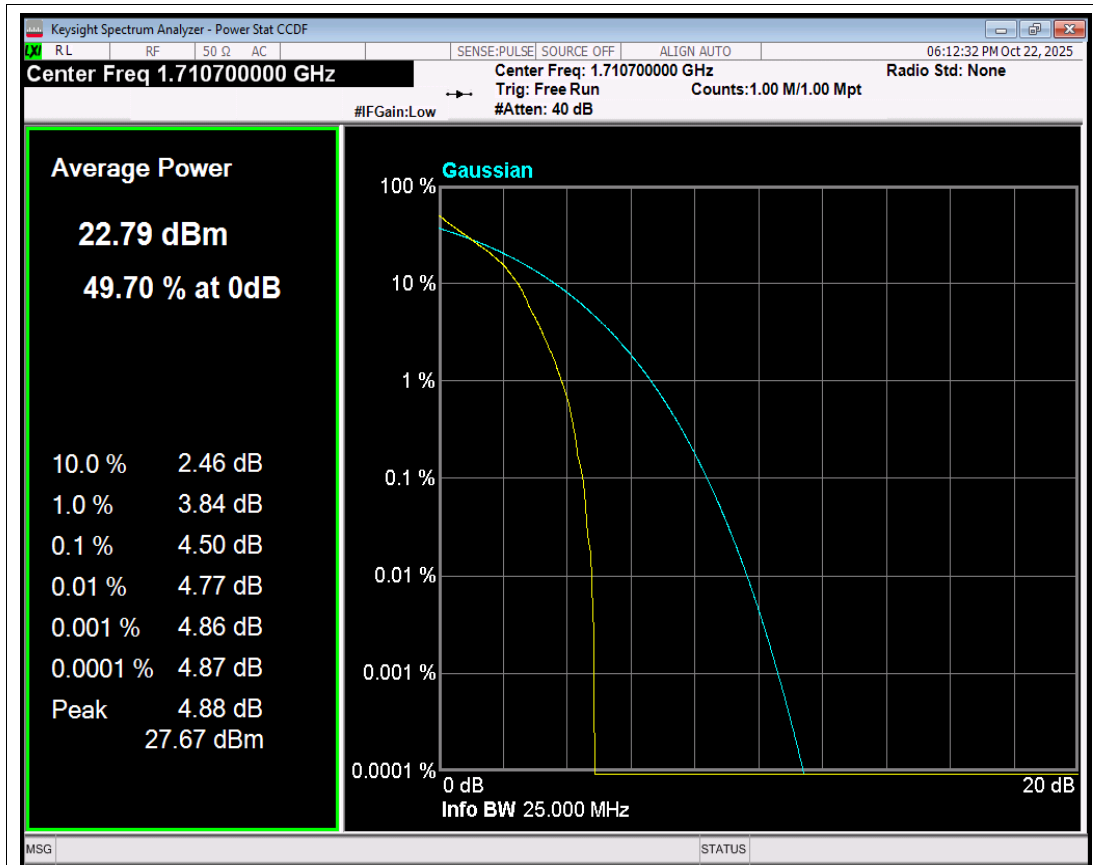
NVNT	Band 4	20	20050	100	#0	16QAM	NV	50	10.73	0.006	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	-30	-5.99	-0.003	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	-20	-9.88	-0.006	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	0	-13.18	-0.008	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	10	-27.92	-0.016	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	20	-2.82	-0.002	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	30	-21.00	-0.012	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	40	-21.64	-0.012	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	50	-11.46	-0.007	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	-30	-22.93	-0.013	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	-20	-22.19	-0.013	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	0	-17.90	-0.010	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	10	-4.42	-0.003	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	20	7.97	0.005	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	30	17.61	0.010	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	40	22.83	0.013	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	50	29.37	0.017	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	-30	13.68	0.008	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	-20	14.49	0.008	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	0	1.99	0.001	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	10	-8.71	-0.005	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	20	-22.79	-0.013	PASS

	4										
NVNT	Band 4	20	20300	100	#0	QPSK	NV	30	-34.19	-0.020	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	40	-28.80	-0.017	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	50	-21.99	-0.013	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	-30	-31.40	-0.018	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	-20	-31.01	-0.018	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	0	-28.41	-0.016	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	10	-16.65	-0.010	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	20	-5.72	-0.003	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	30	2.52	0.001	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	40	10.51	0.006	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	50	12.73	0.007	PASS

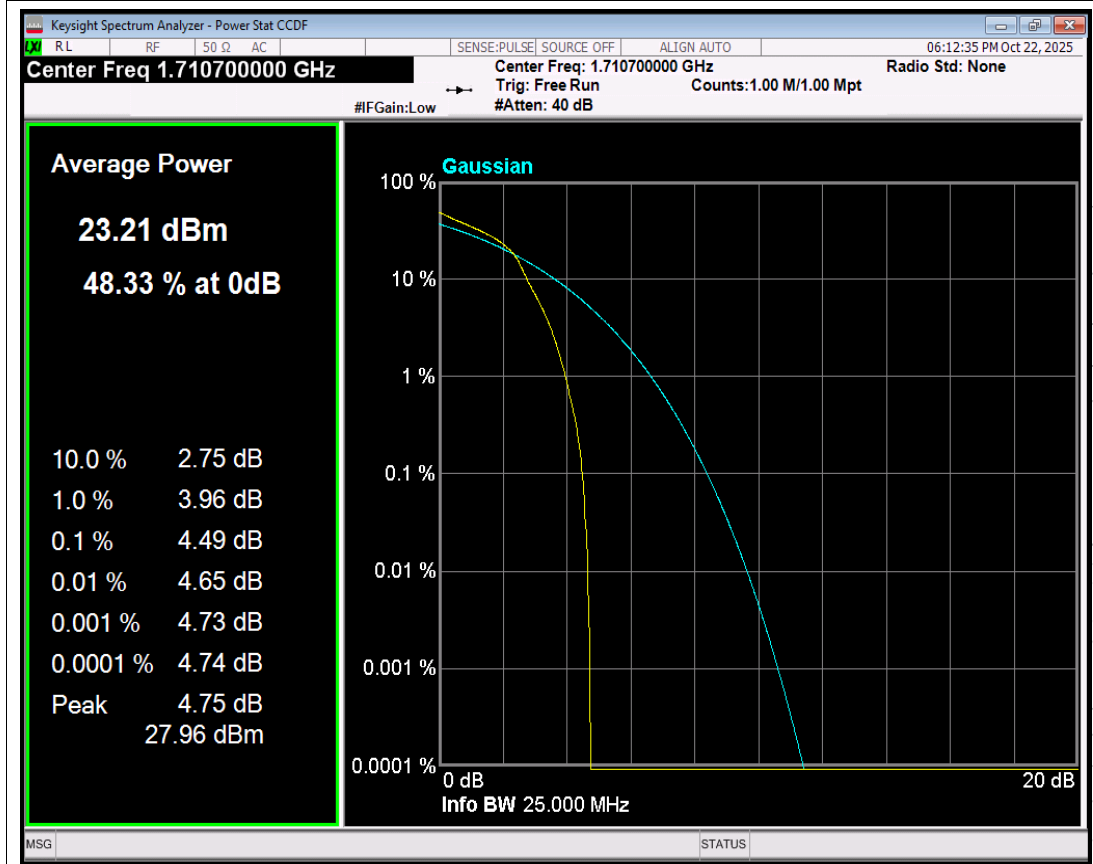


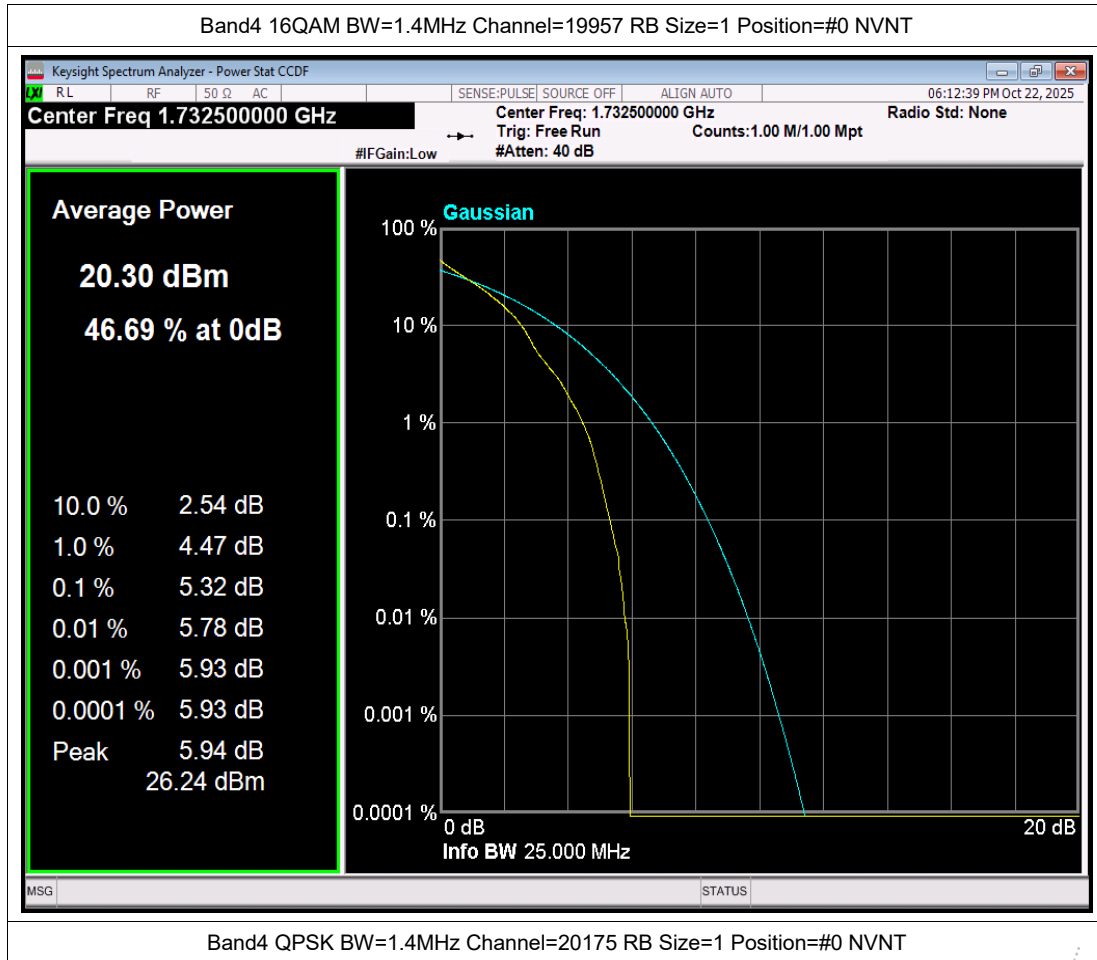
Appendix 3. Peak-to-Average Ratio

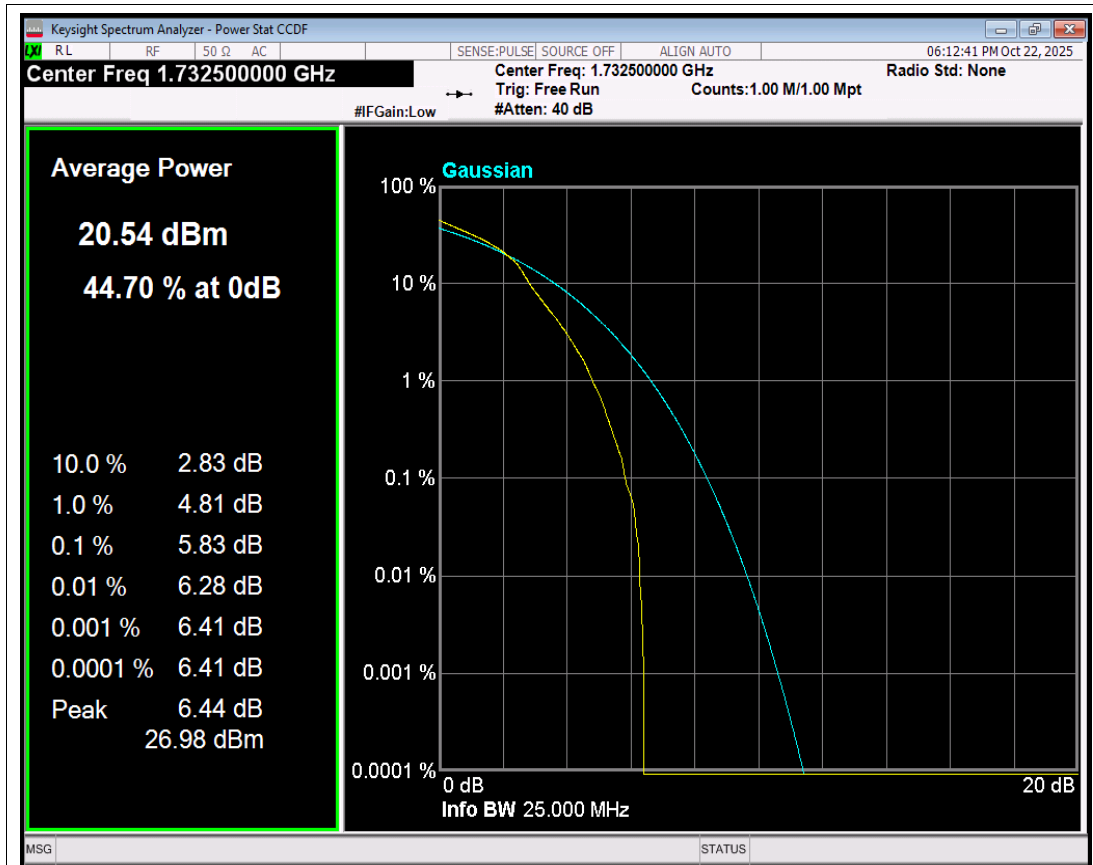
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band4	1.4	19957	1	#0	QPSK	4.50	13	PASS
				1	#0	16QAM	4.49	13	PASS
			20175	1	#0	QPSK	5.32	13	PASS
				1	#0	16QAM	5.83	13	PASS
			20393	1	#0	QPSK	4.06	13	PASS
				1	#0	16QAM	4.74	13	PASS
		3	19965	1	#0	QPSK	4.44	13	PASS
				1	#0	16QAM	5.02	13	PASS
			20175	1	#0	QPSK	5.35	13	PASS
				1	#0	16QAM	5.88	13	PASS
			20385	1	#0	QPSK	3.86	13	PASS
				1	#0	16QAM	4.48	13	PASS
		5	19975	1	#0	QPSK	4.62	13	PASS
				1	#0	16QAM	5.19	13	PASS
			20175	1	#0	QPSK	5.33	13	PASS
				1	#0	16QAM	5.78	13	PASS
			20375	1	#0	QPSK	4.04	13	PASS
				1	#0	16QAM	4.67	13	PASS
		10	20000	1	#0	QPSK	4.40	13	PASS
				1	#0	16QAM	5.09	13	PASS
			20175	1	#0	QPSK	5.49	13	PASS
				1	#0	16QAM	6.42	13	PASS
			20350	1	#0	QPSK	3.88	13	PASS
				1	#0	16QAM	4.61	13	PASS
		15	20025	1	#0	QPSK	4.39	13	PASS
				1	#0	16QAM	5.08	13	PASS
			20175	1	#0	QPSK	5.40	13	PASS
				1	#0	16QAM	5.98	13	PASS
			20325	1	#0	QPSK	3.93	13	PASS
				1	#0	16QAM	4.38	13	PASS
		20	20050	1	#0	QPSK	4.27	13	PASS
				1	#0	16QAM	4.79	13	PASS
			20175	1	#0	QPSK	4.97	13	PASS
				1	#0	16QAM	5.71	13	PASS
			20300	1	#0	QPSK	4.58	13	PASS
				1	#0	16QAM	5.23	13	PASS



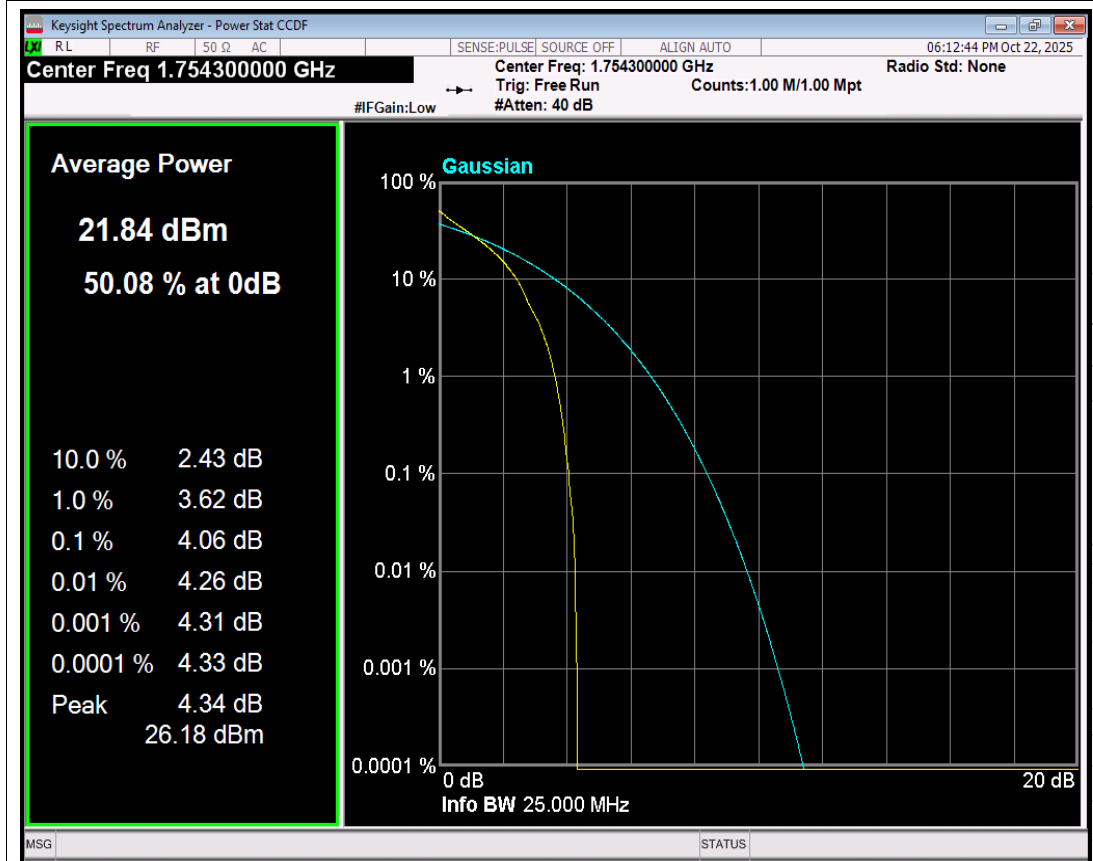
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0 NVNT

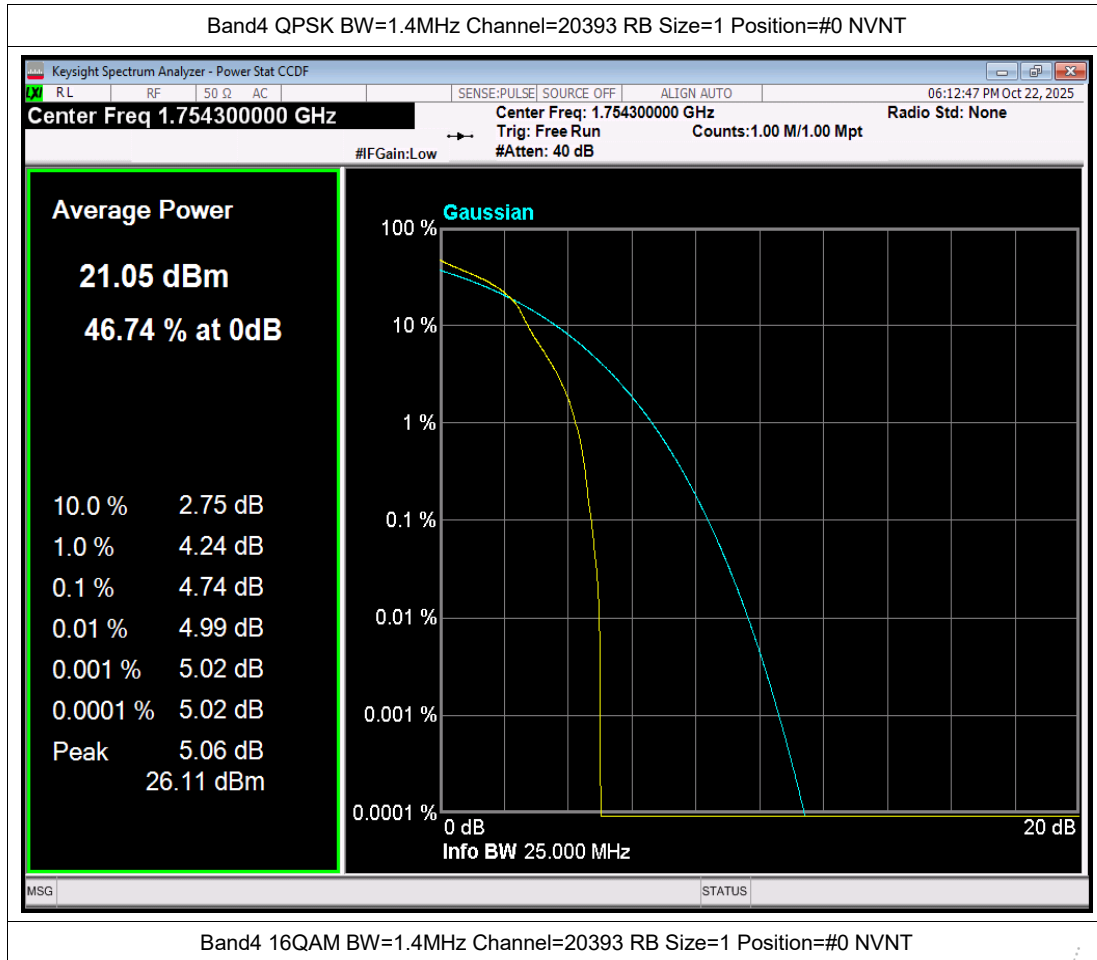


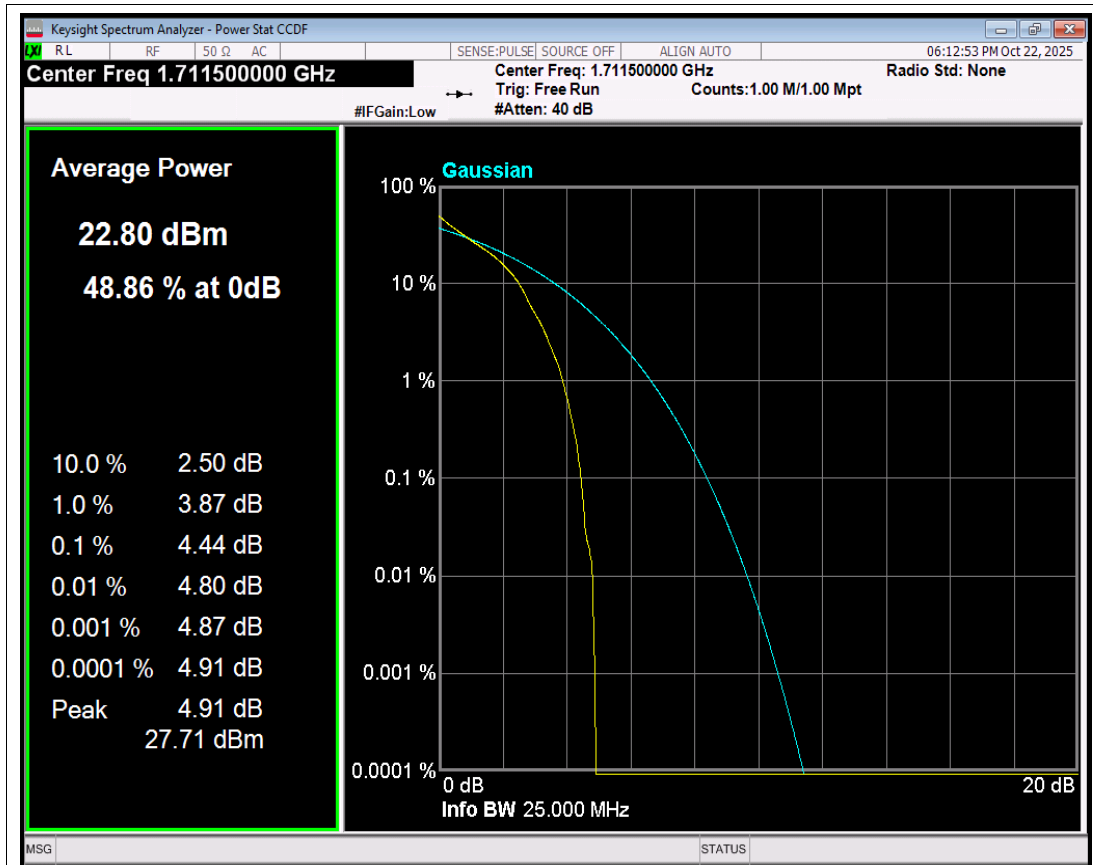




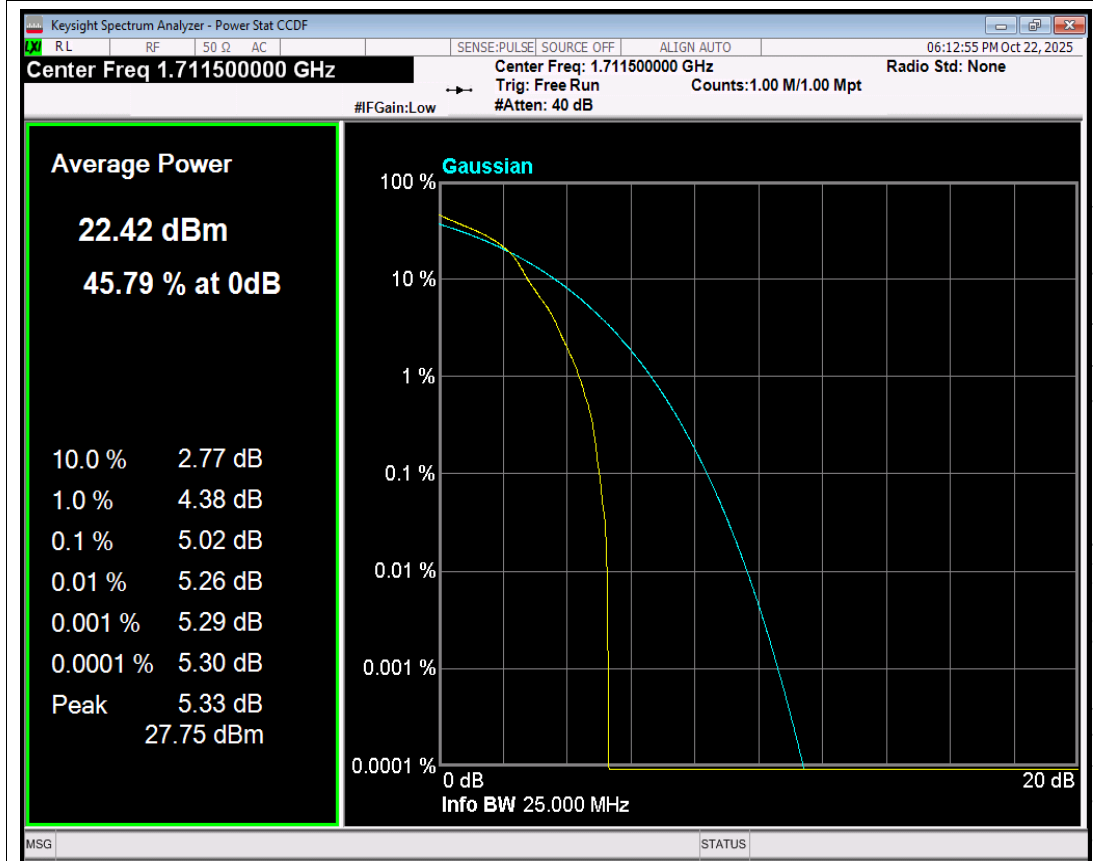
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0 NVNT

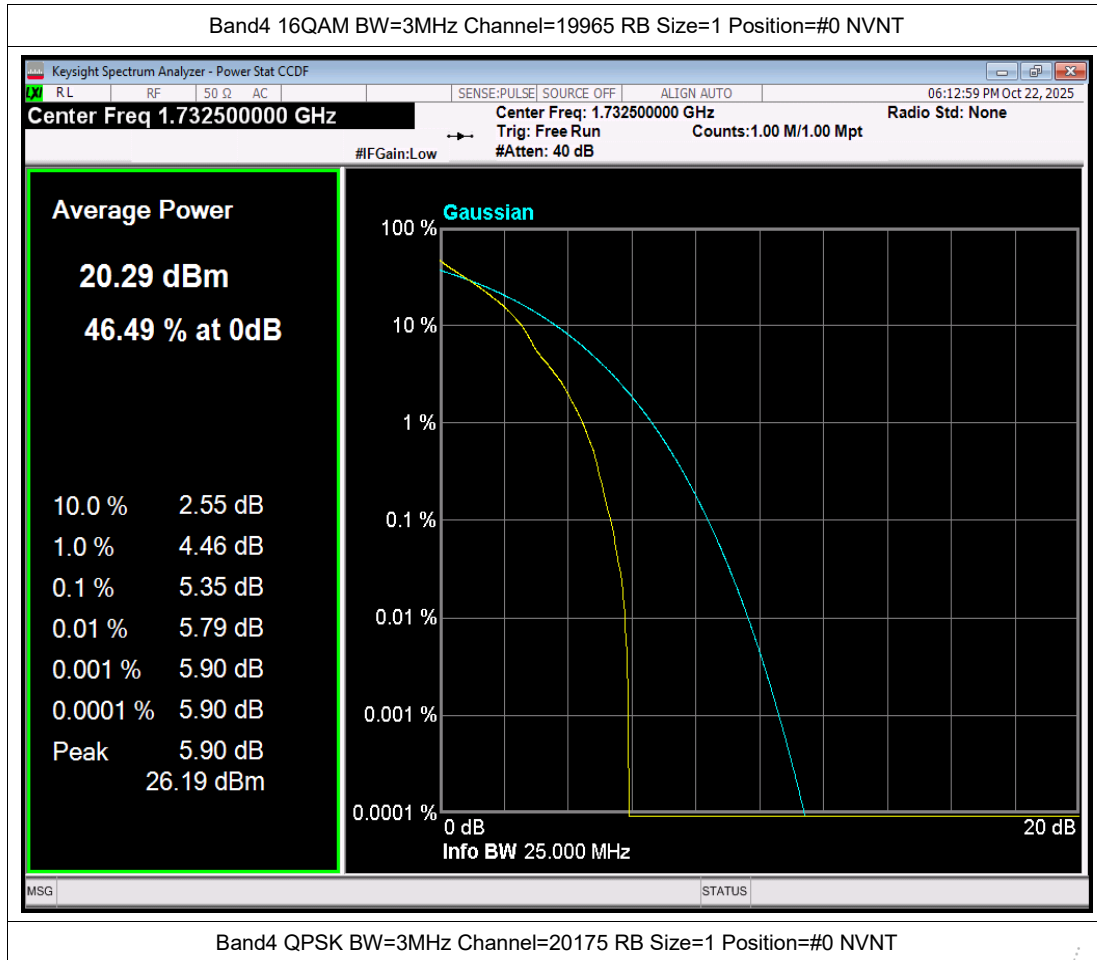


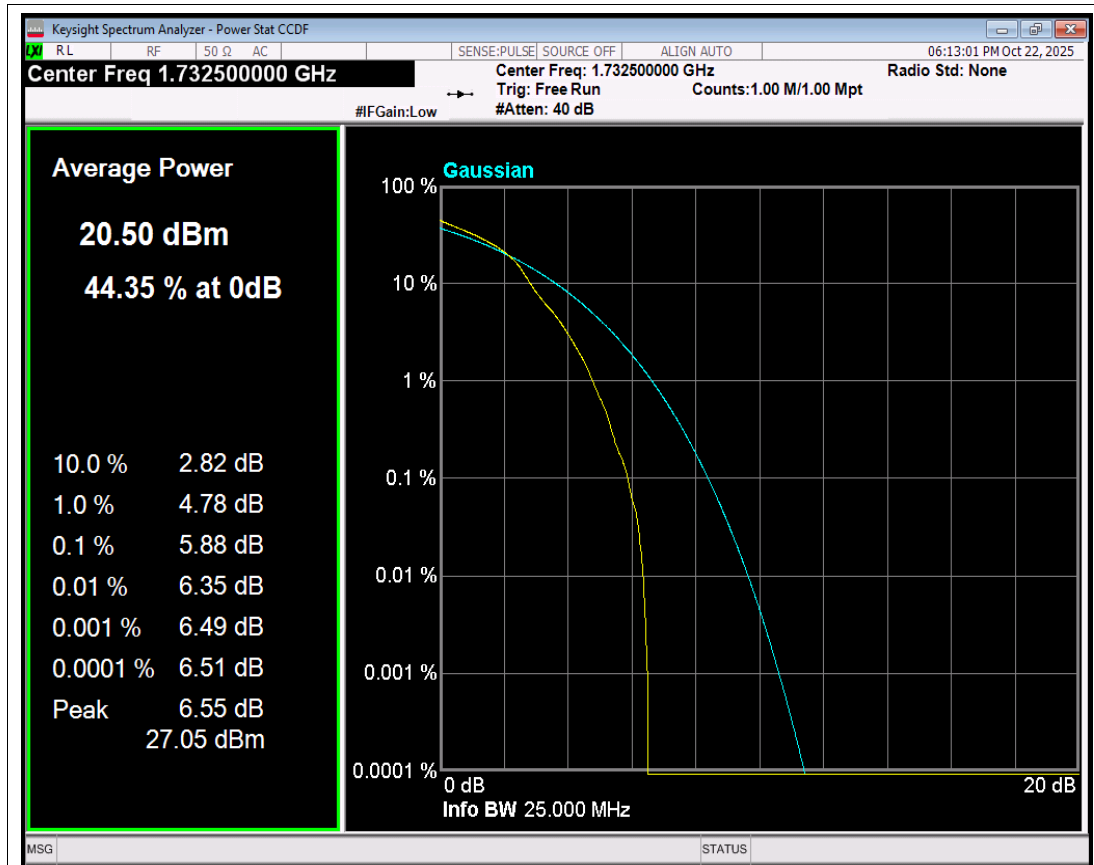




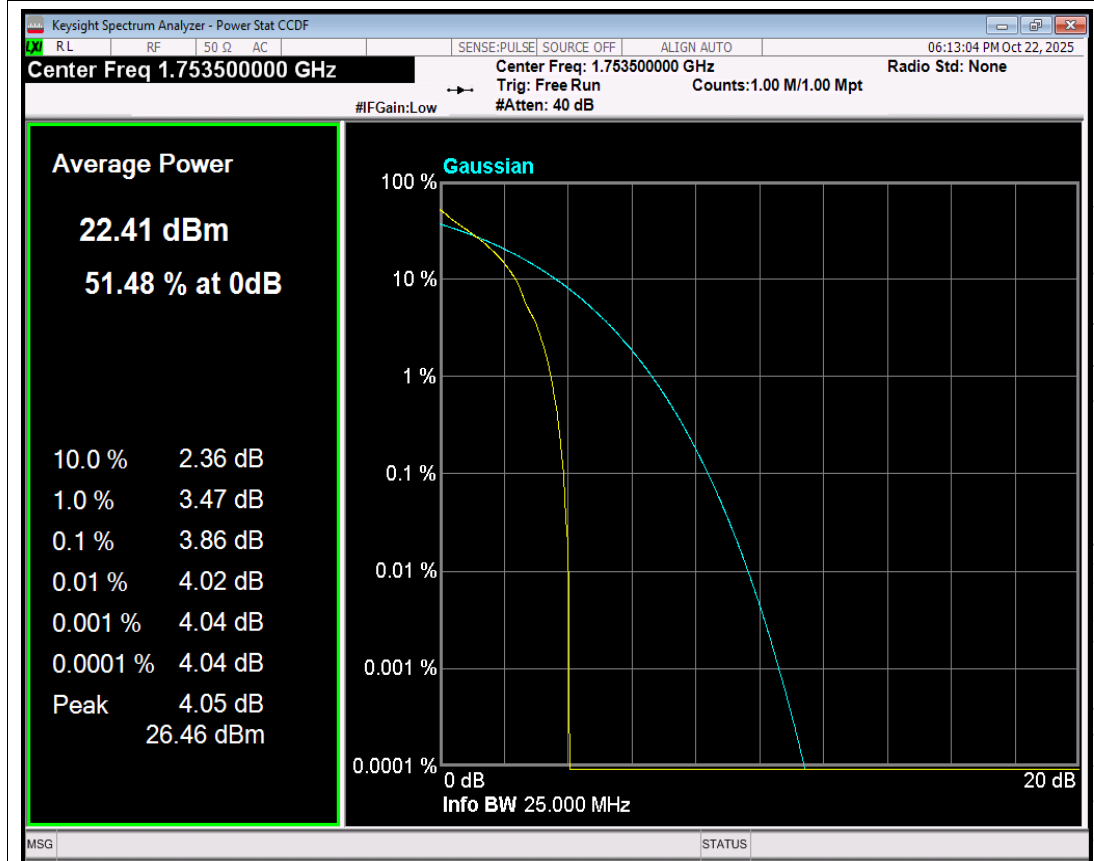
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0 NVNT

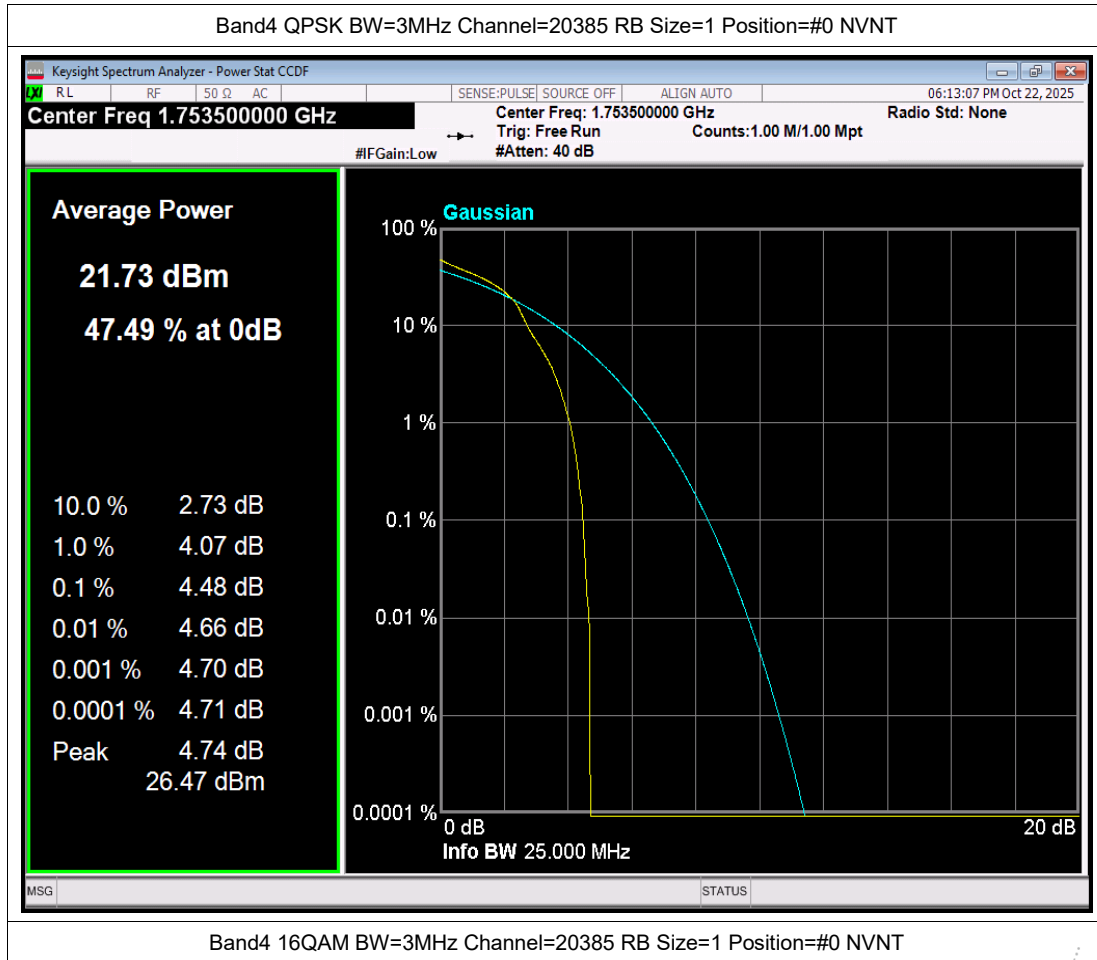


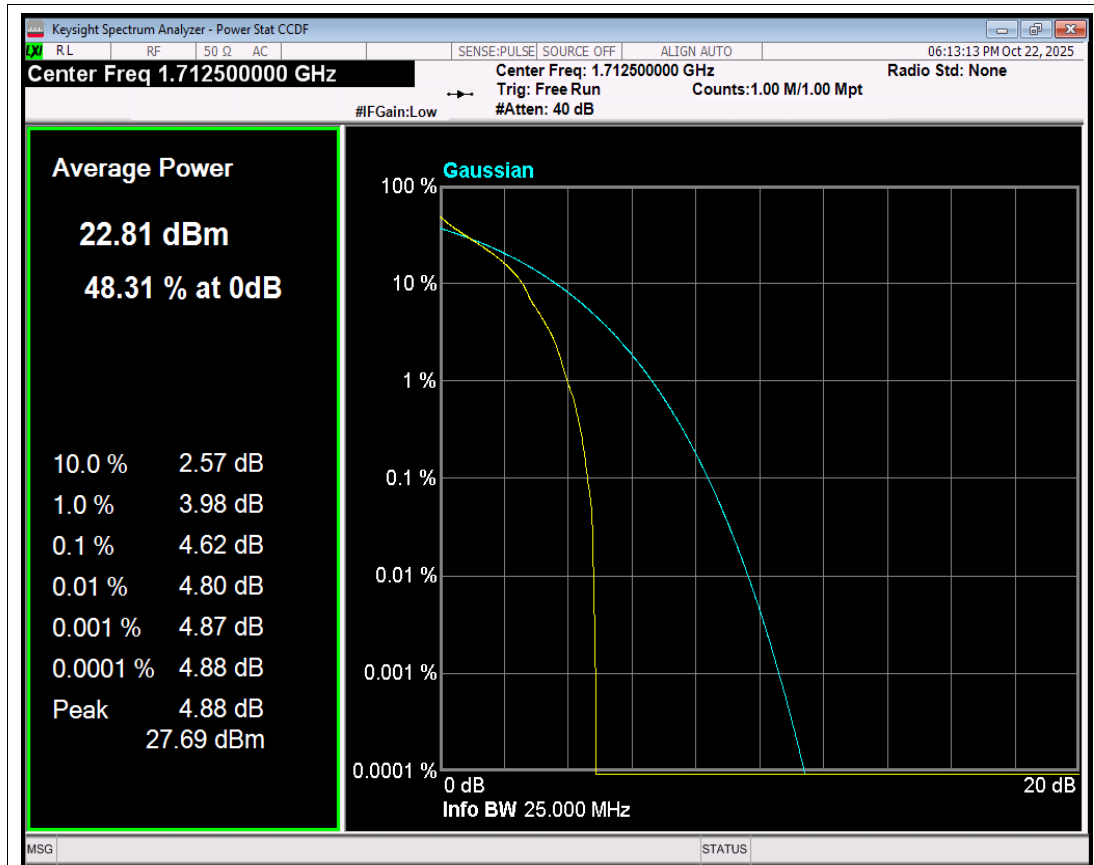




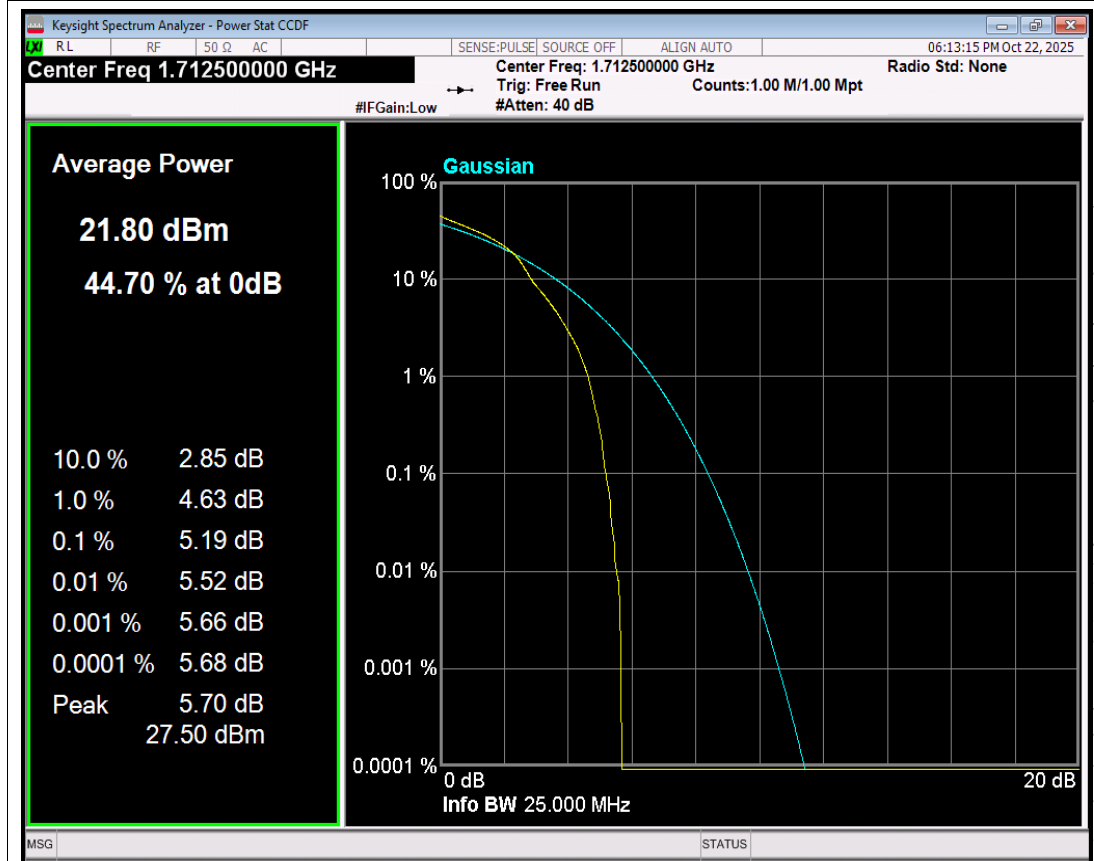
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0 NVNT

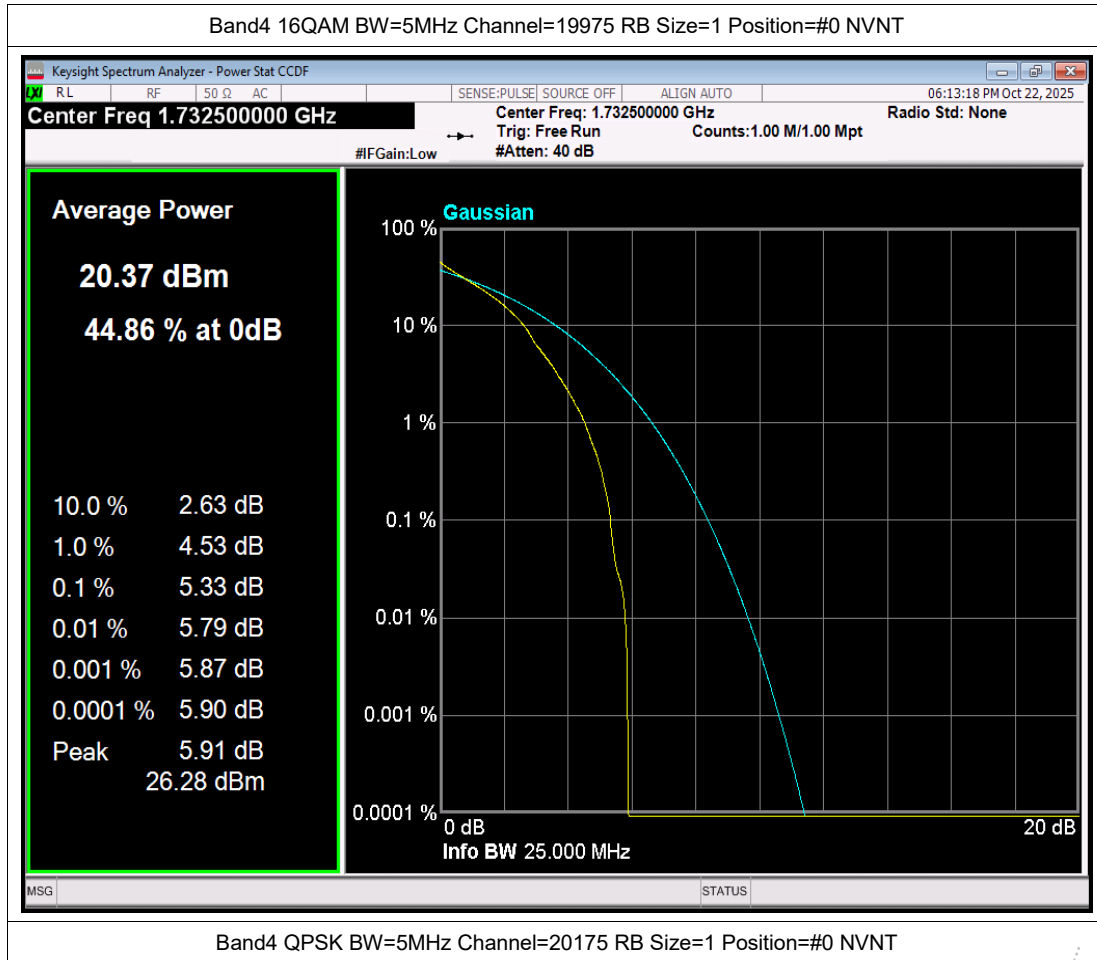


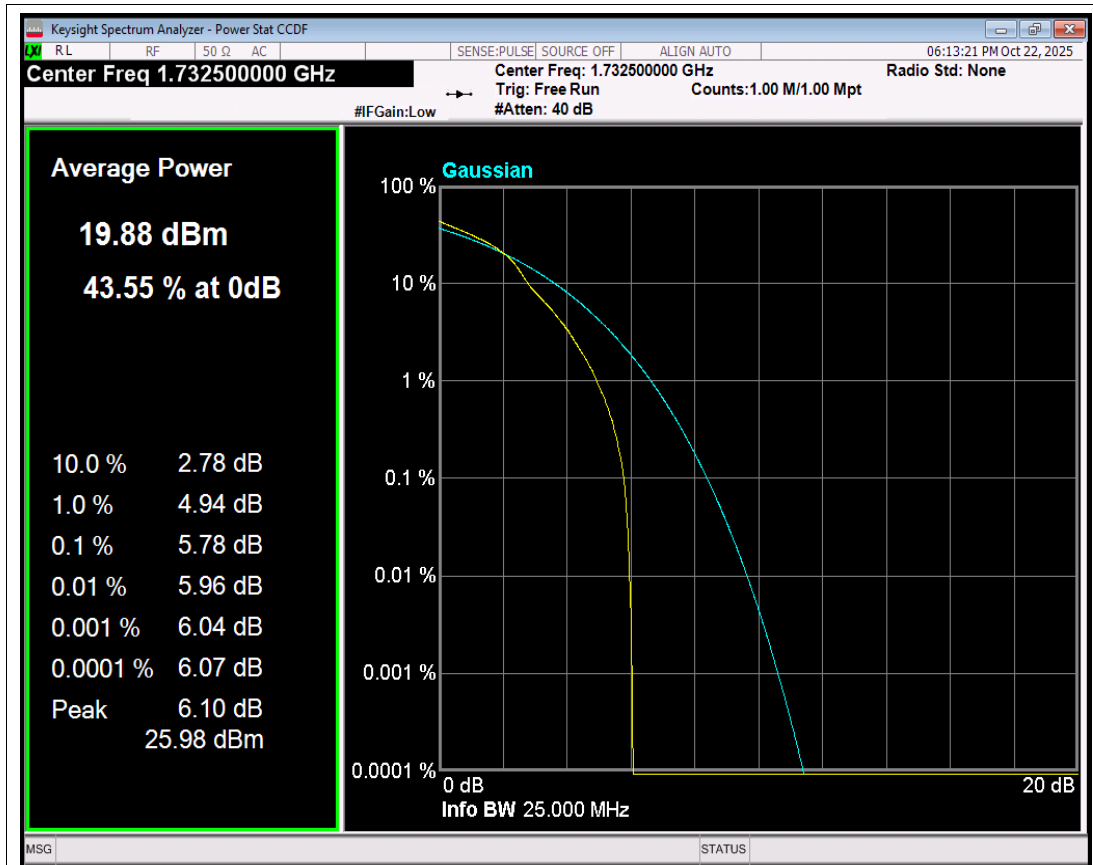




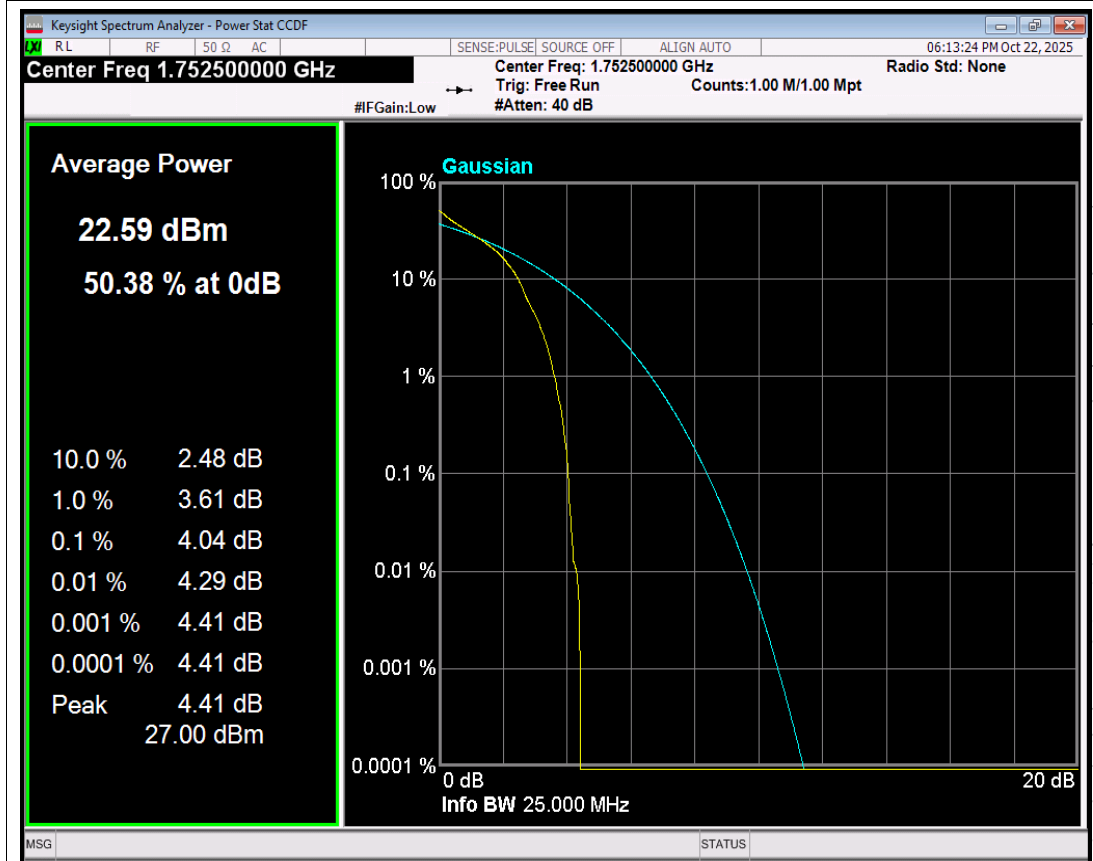
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0 NVNT

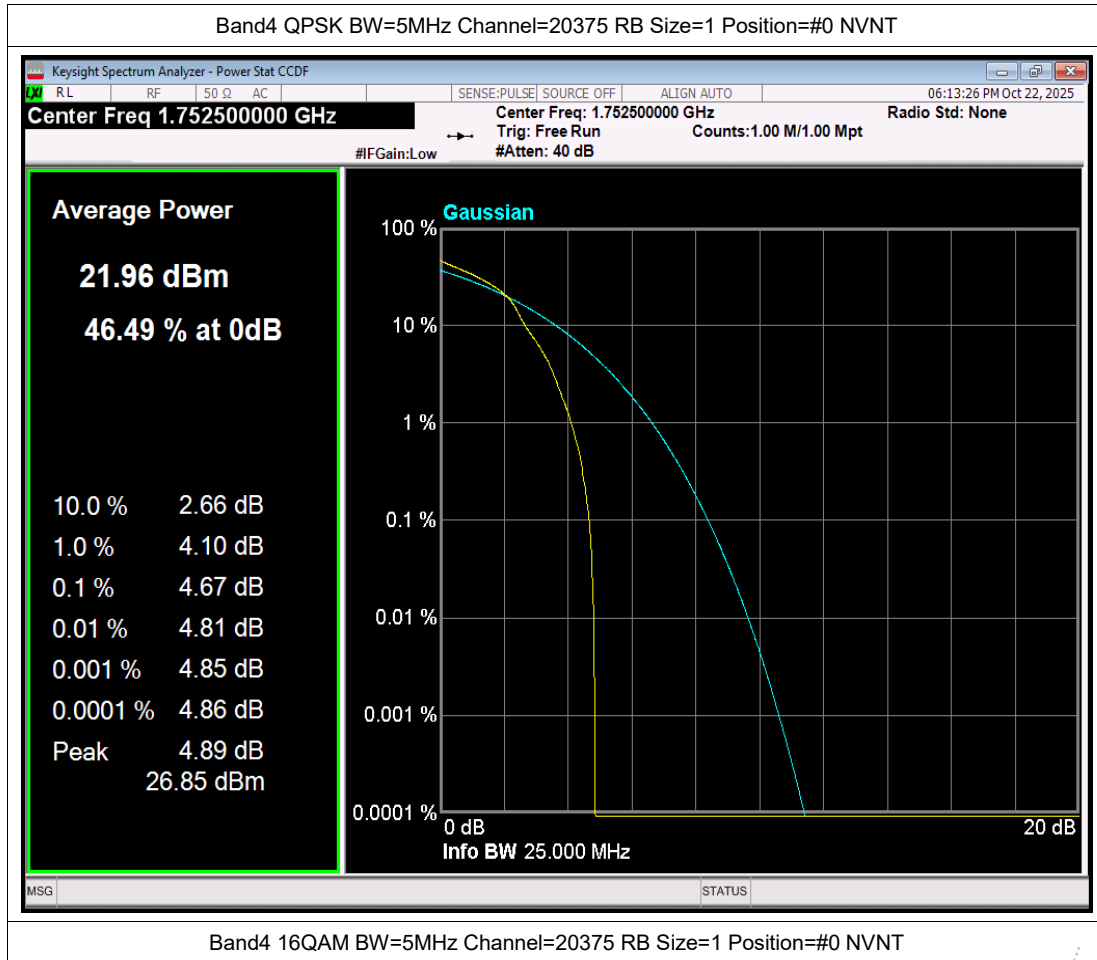


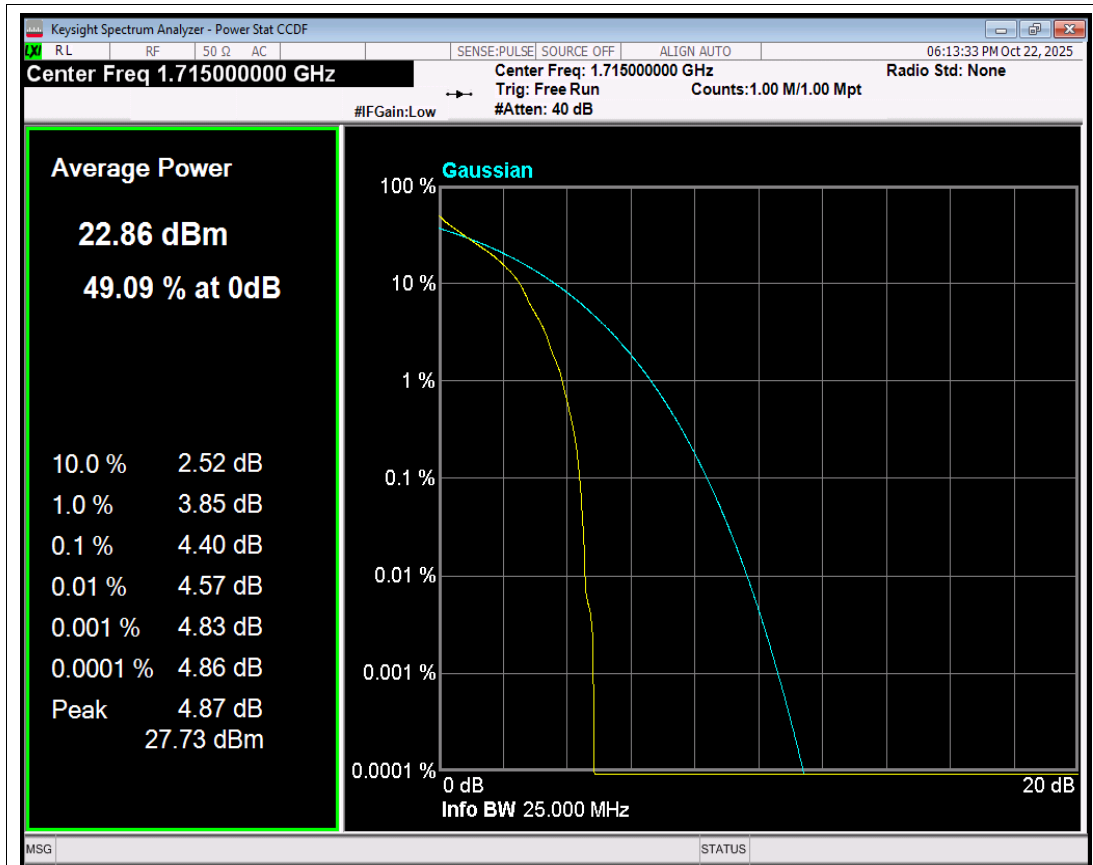




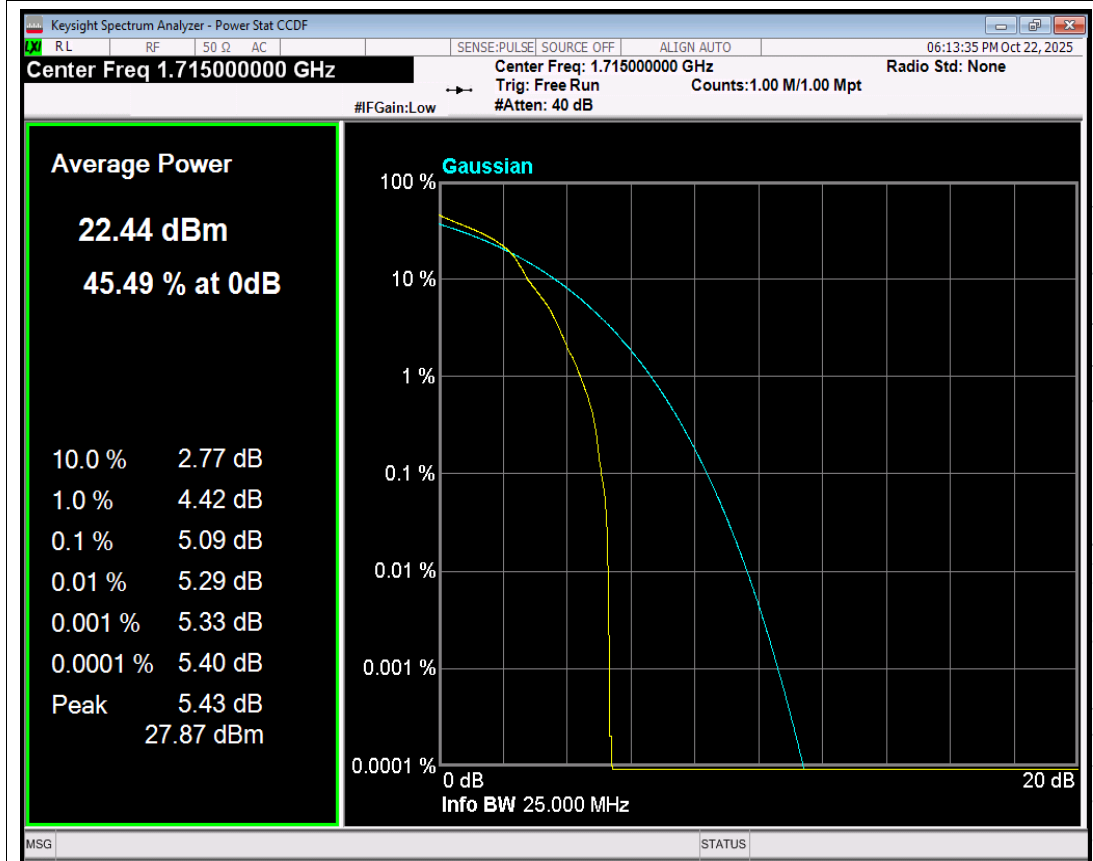
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0 NVNT

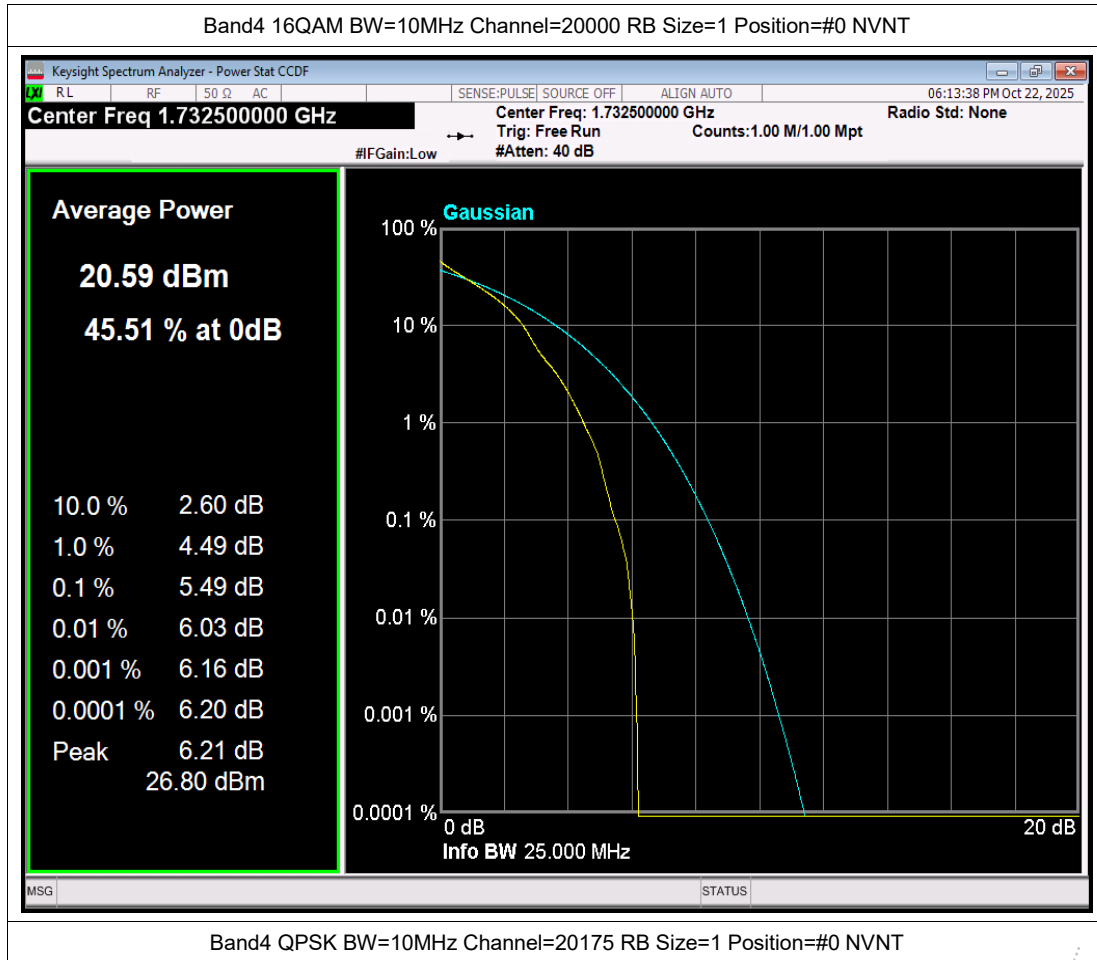


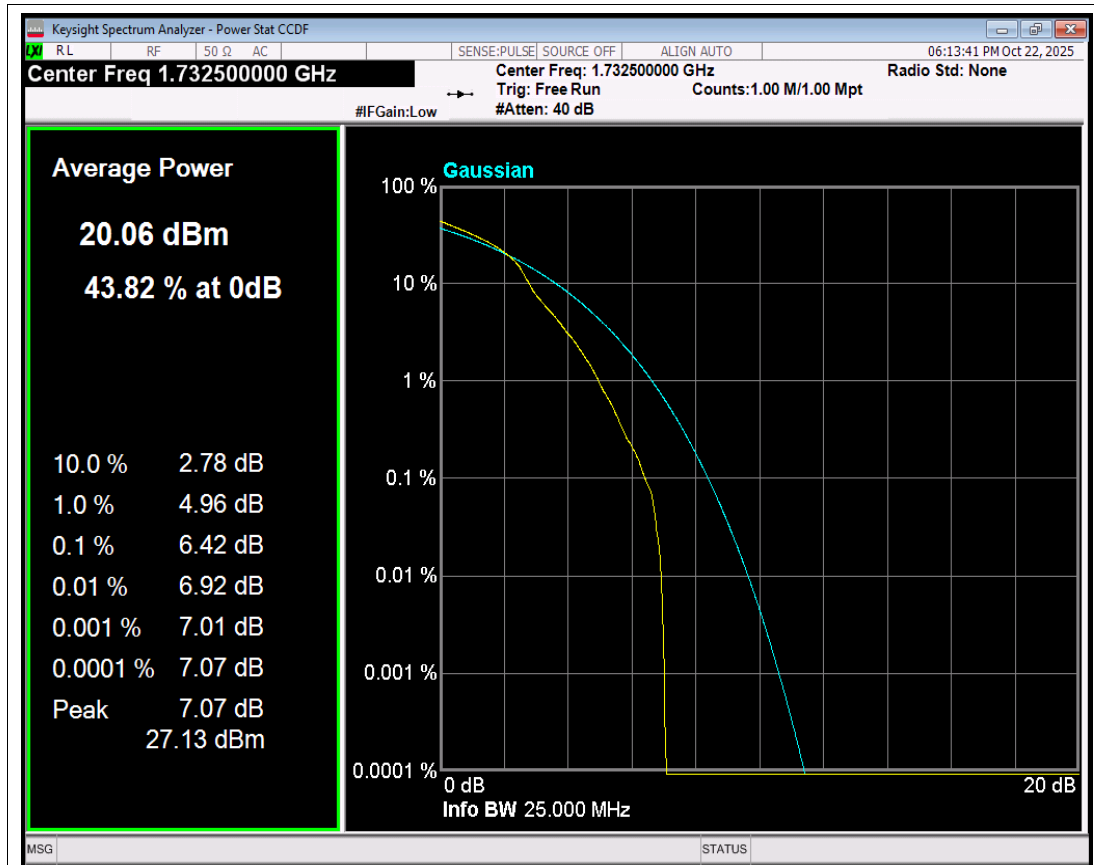




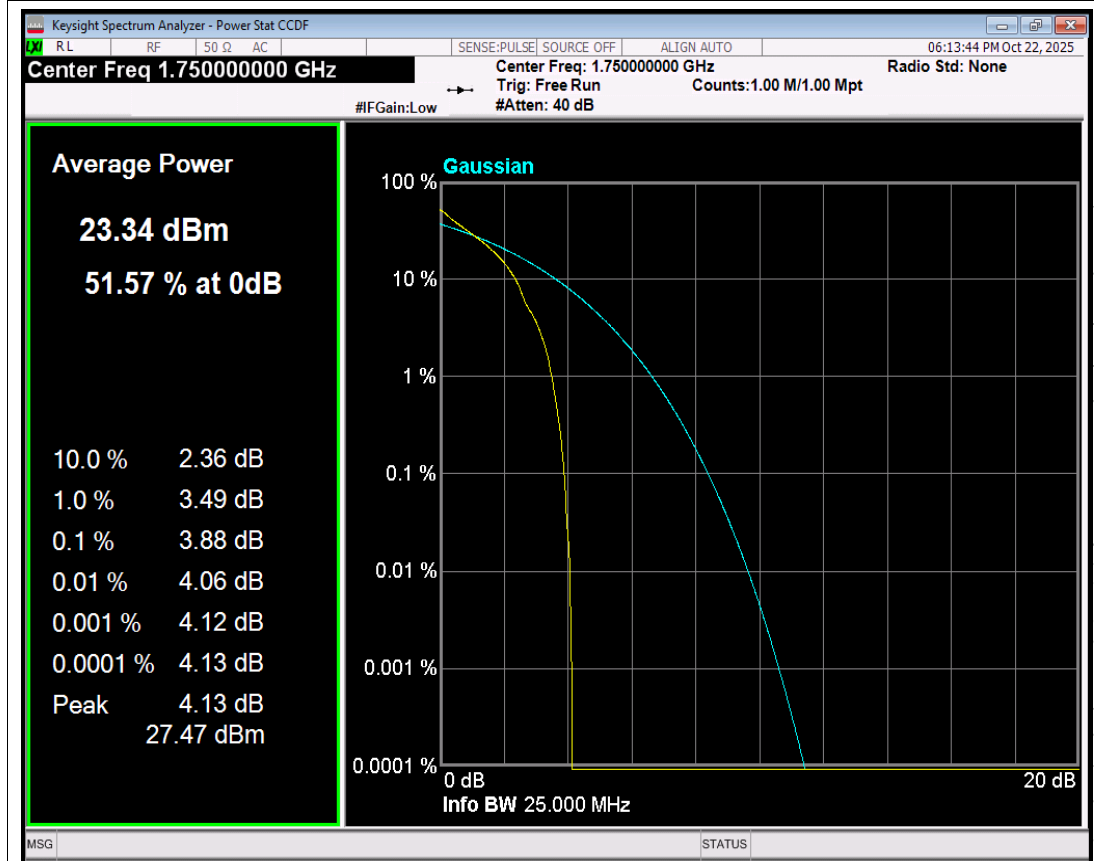
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0 NVNT

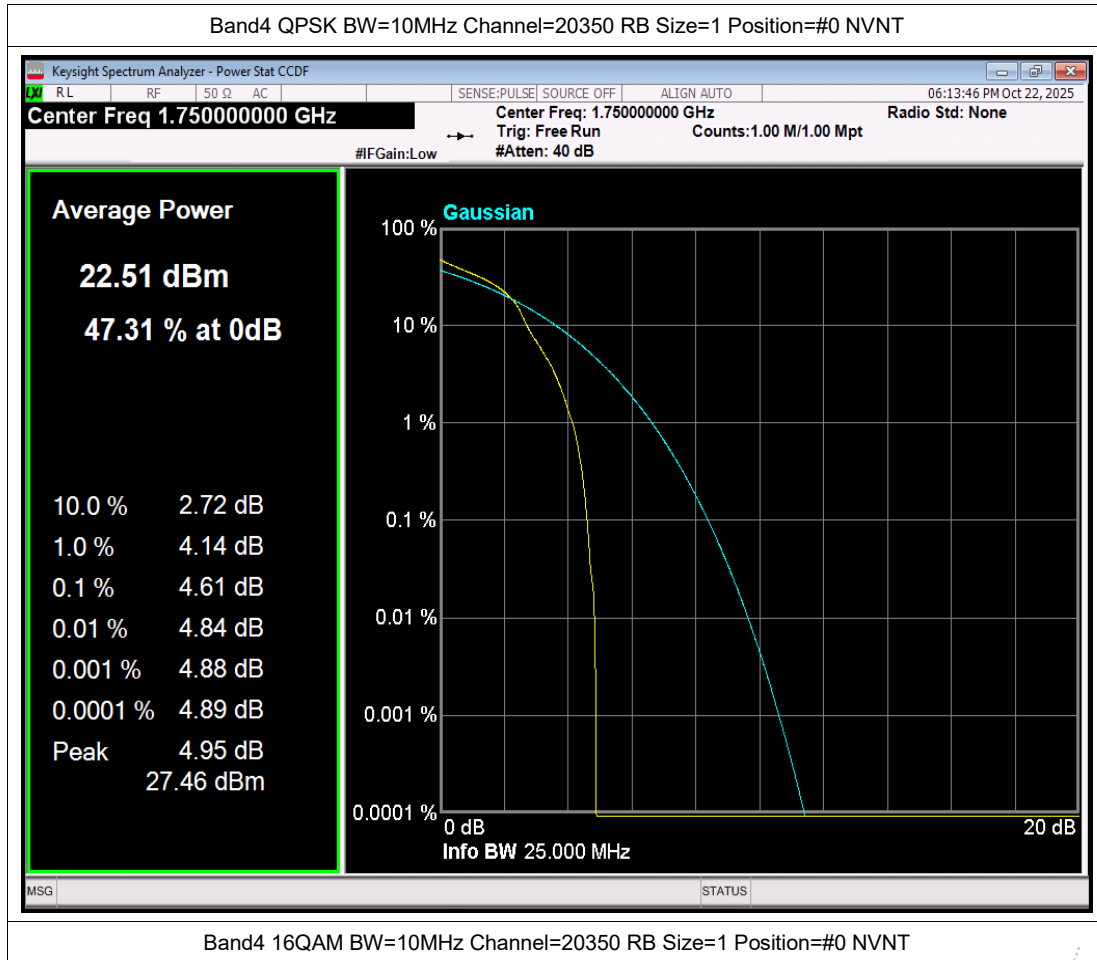


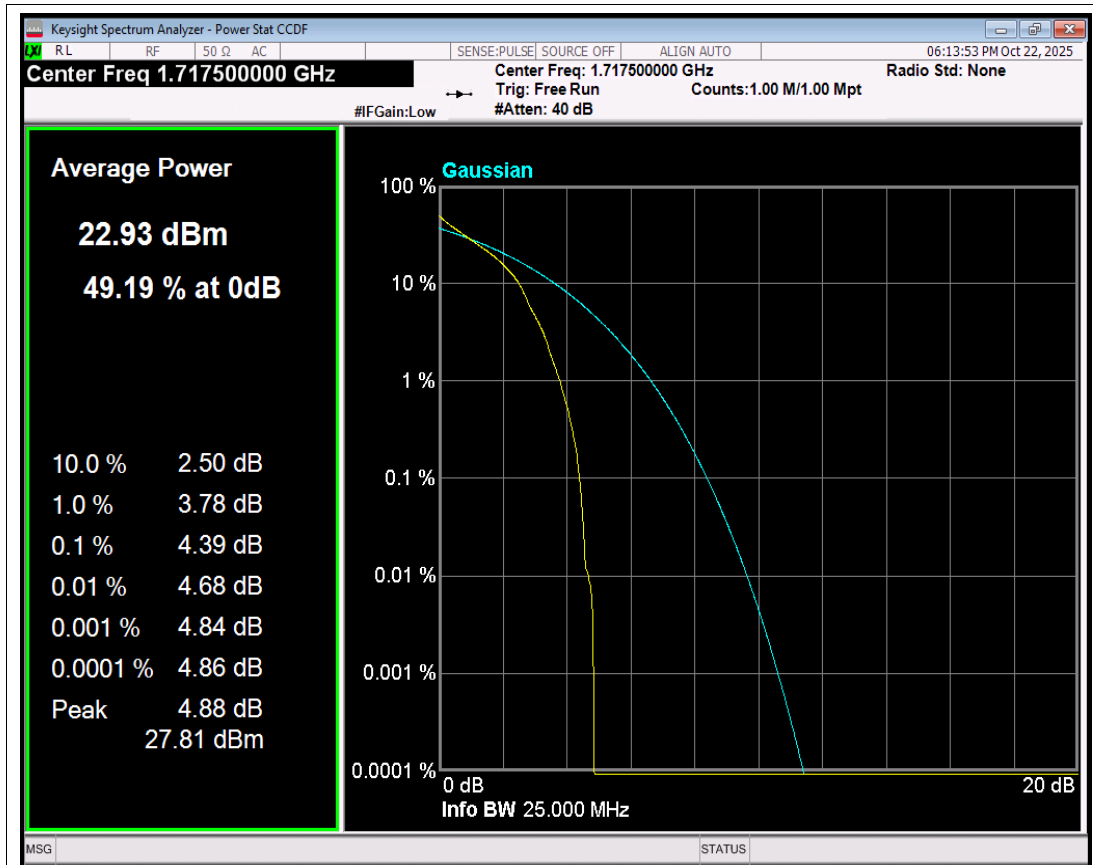




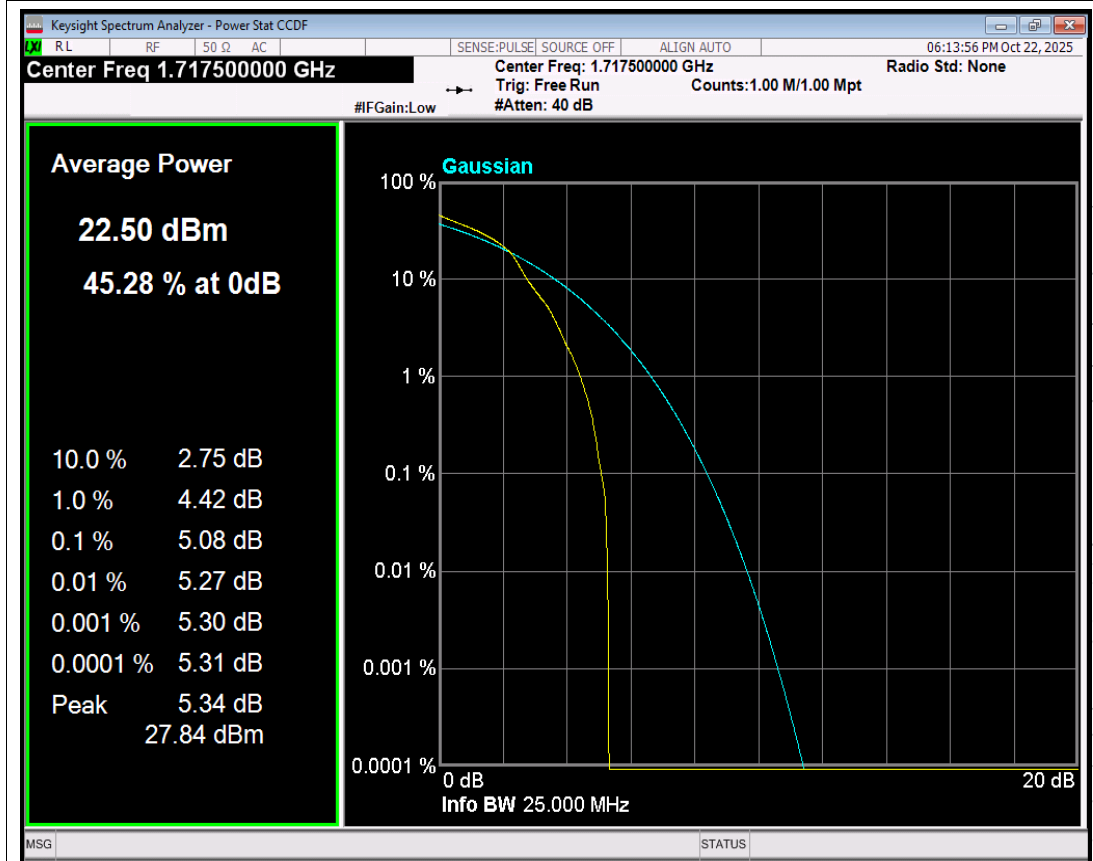
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0 NVNT

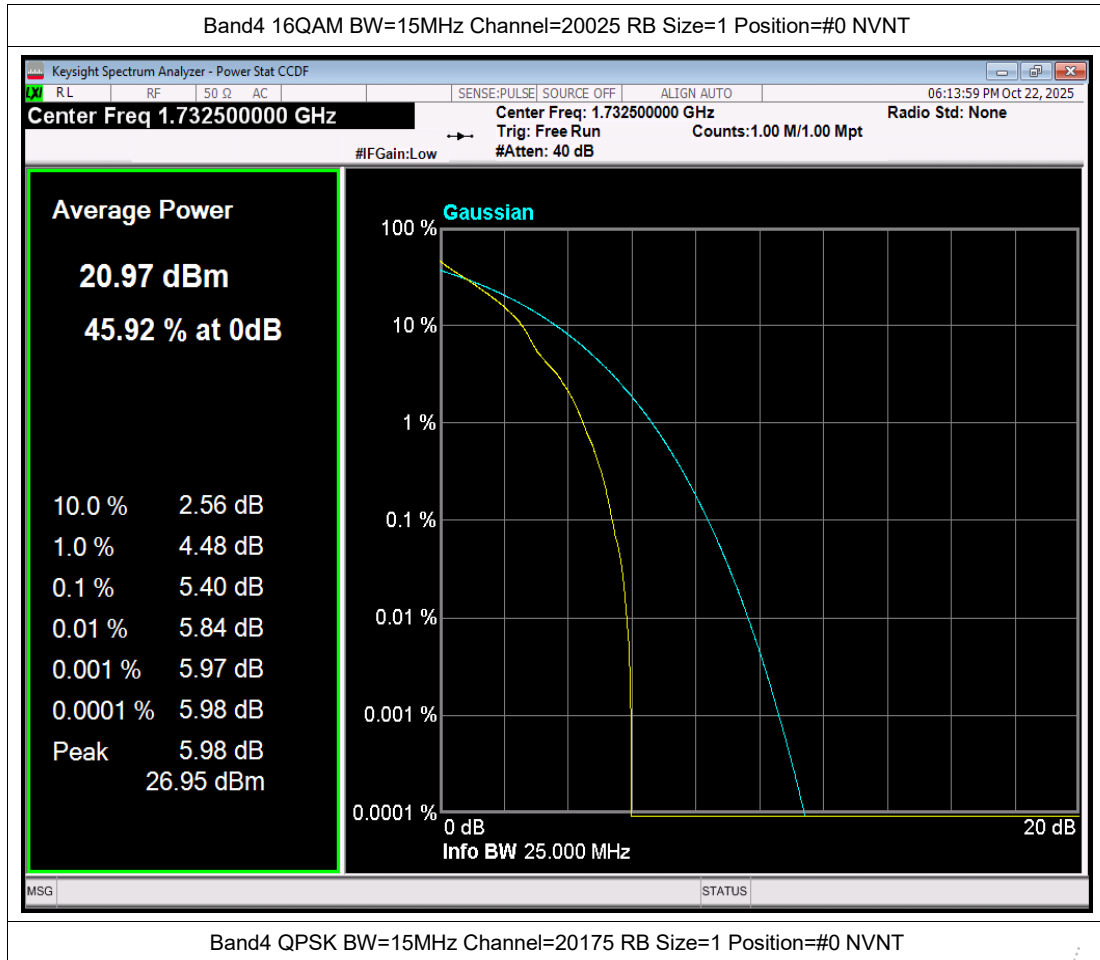


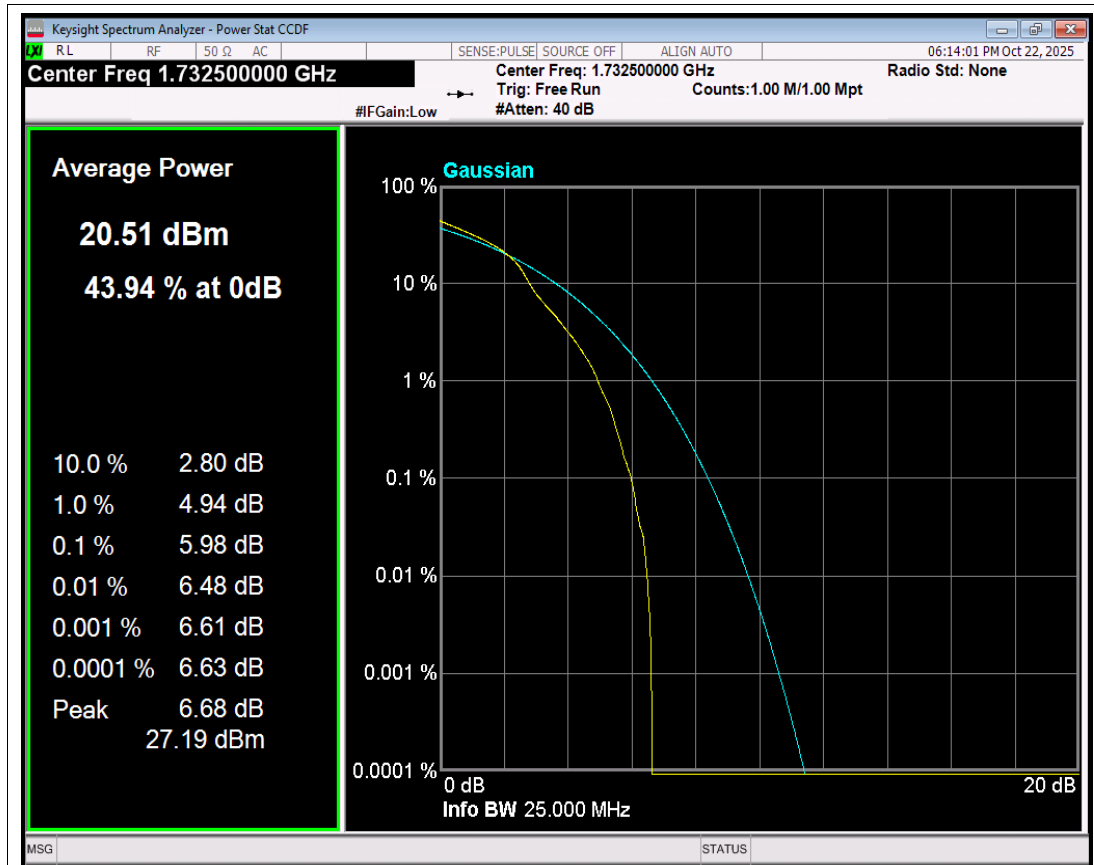




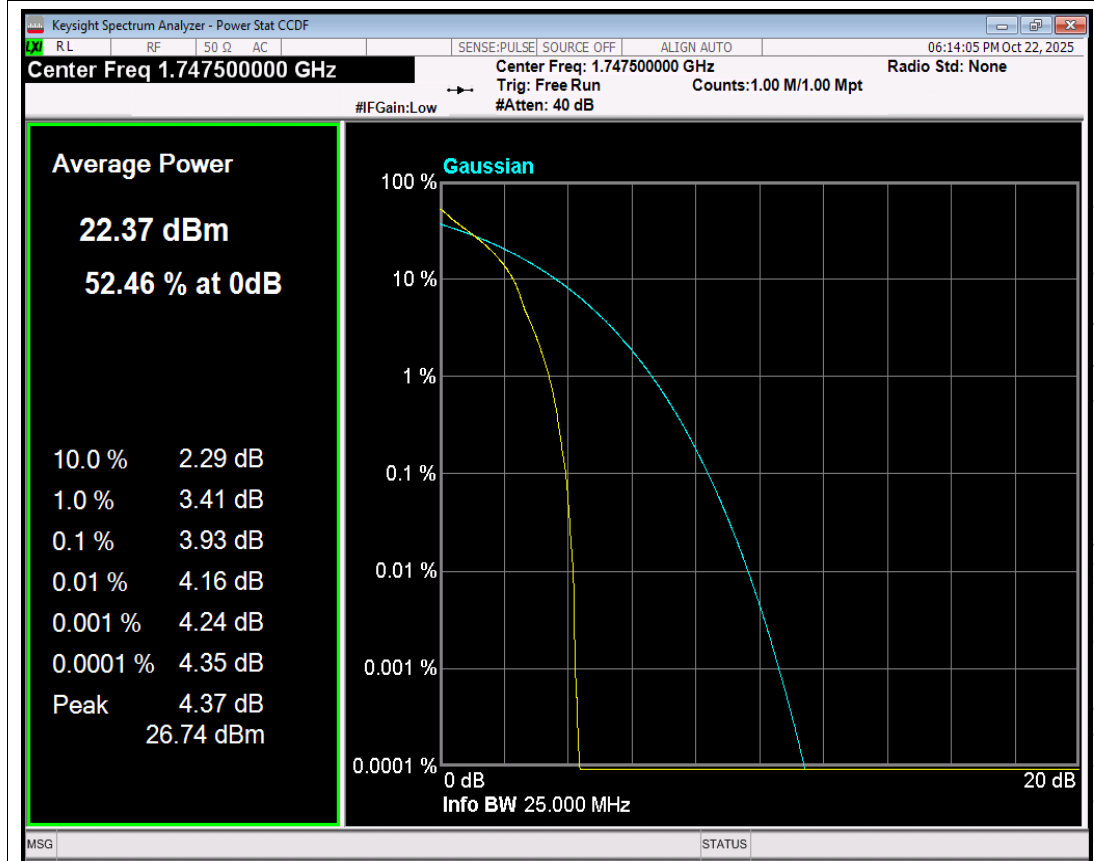
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0 NVNT

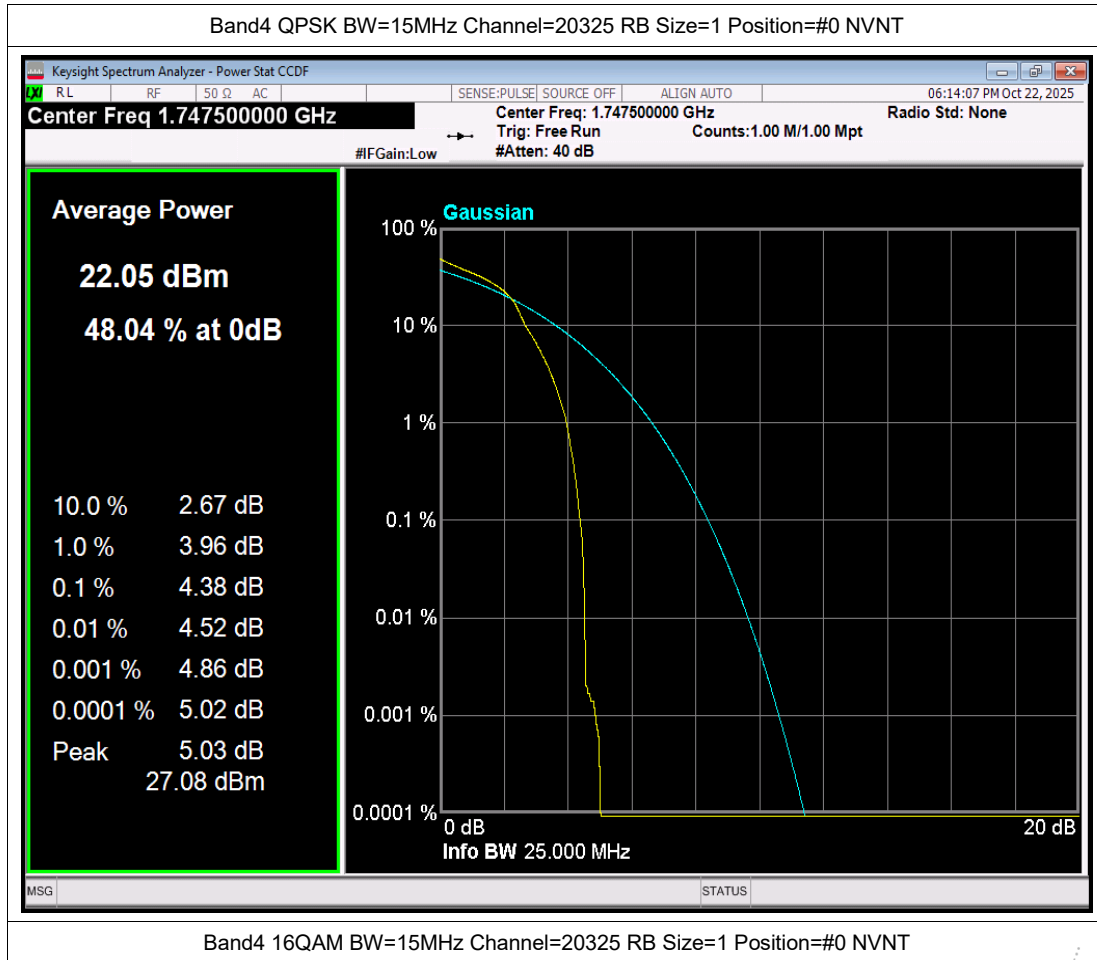


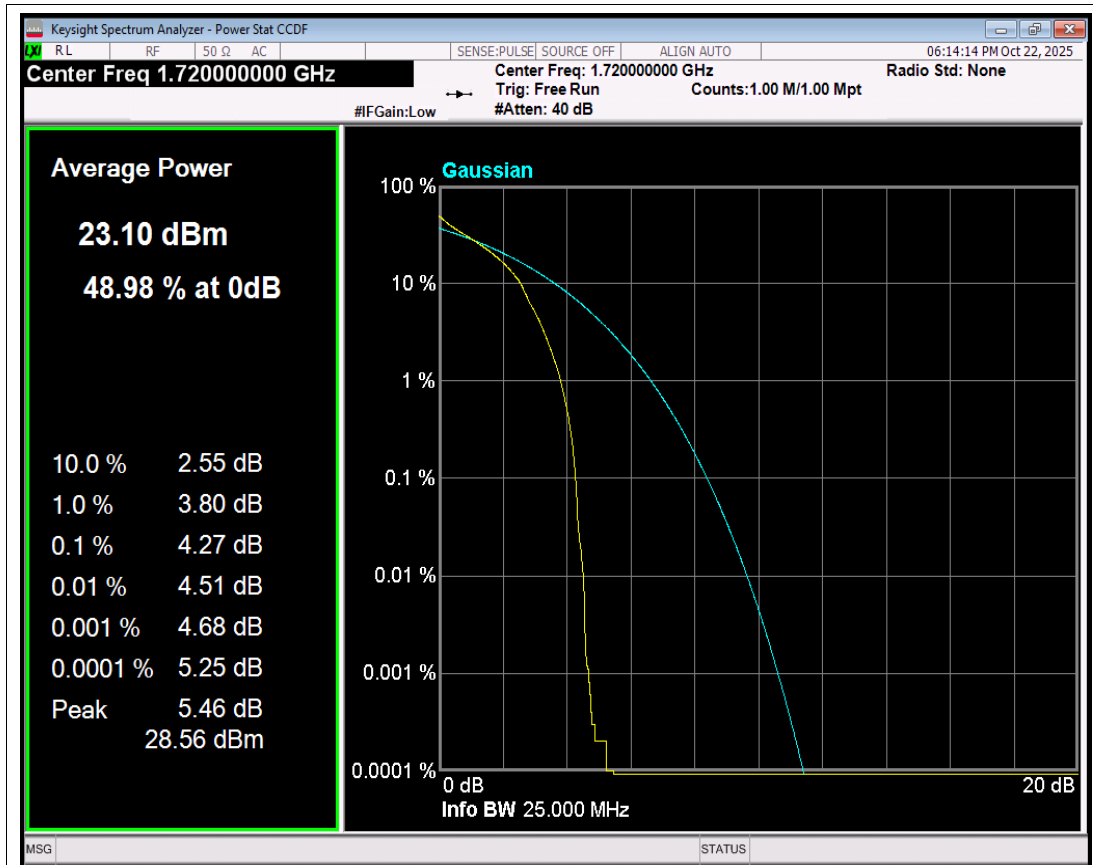




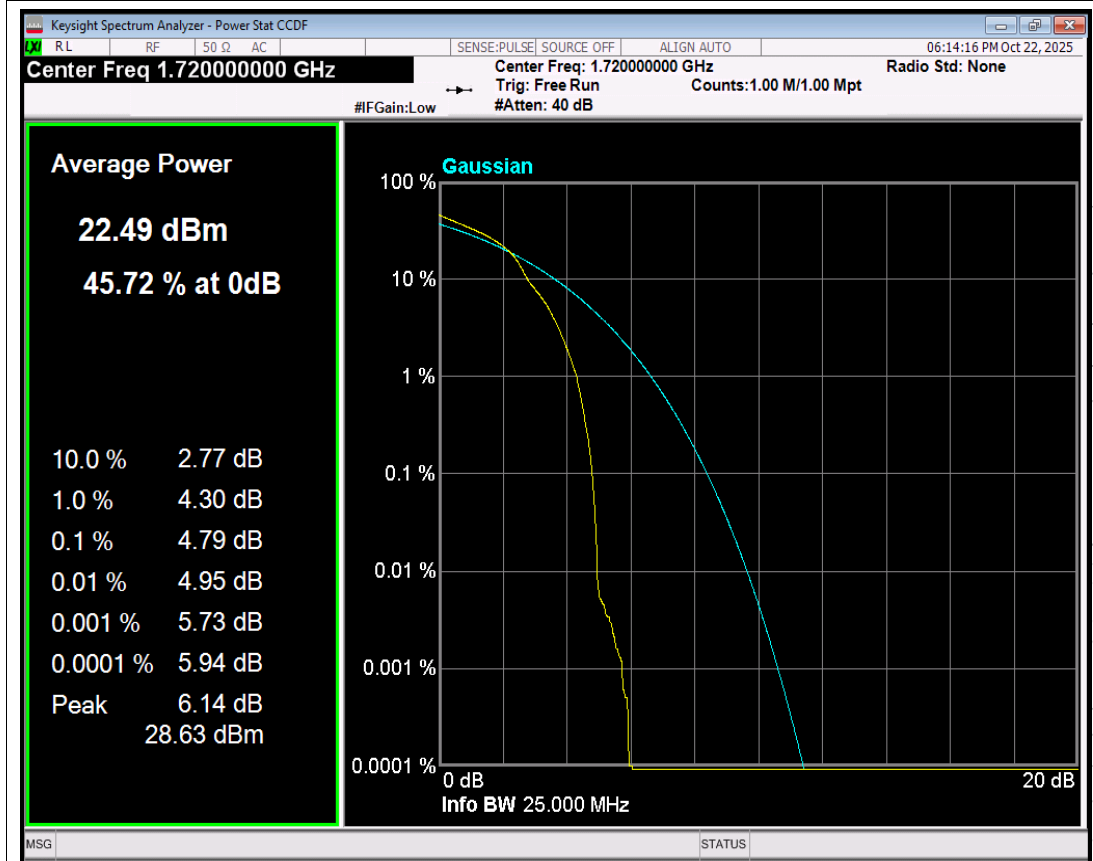
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0 NVNT

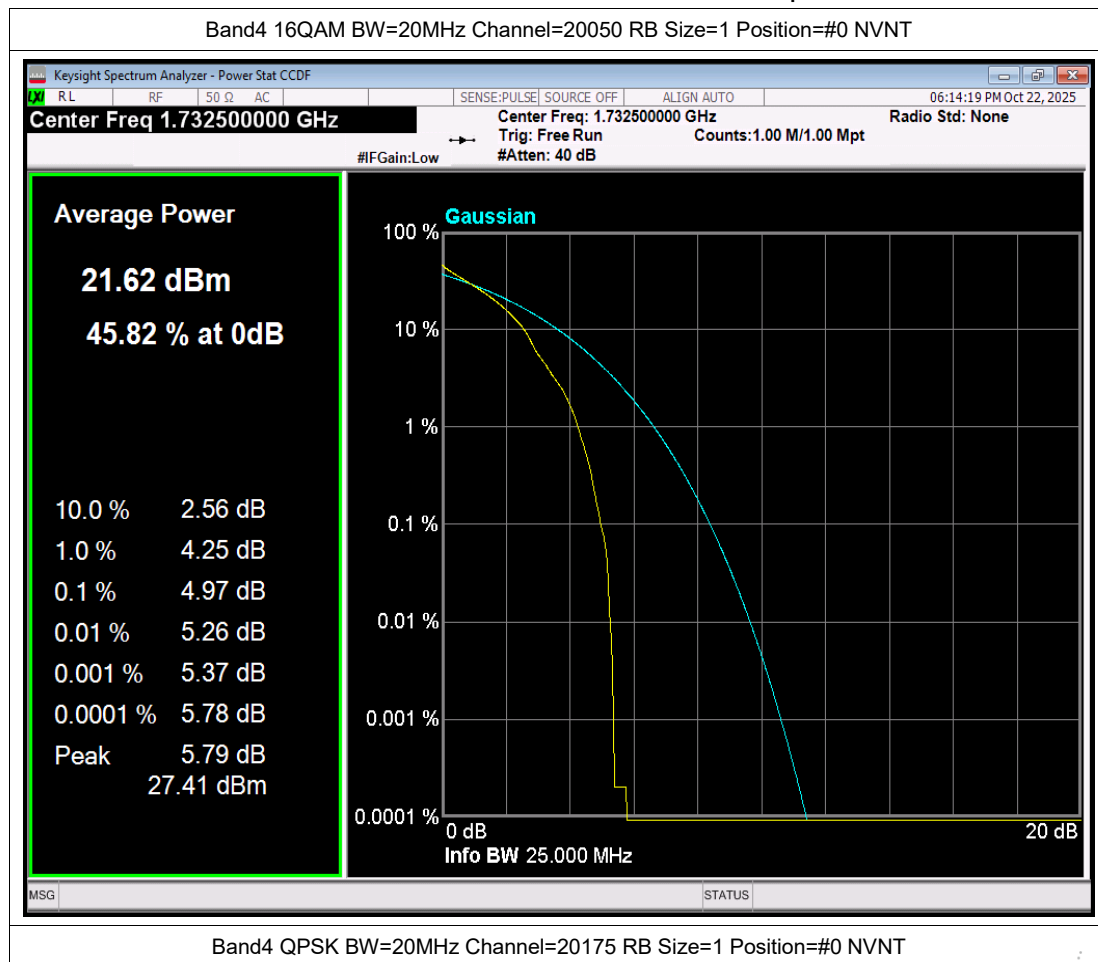


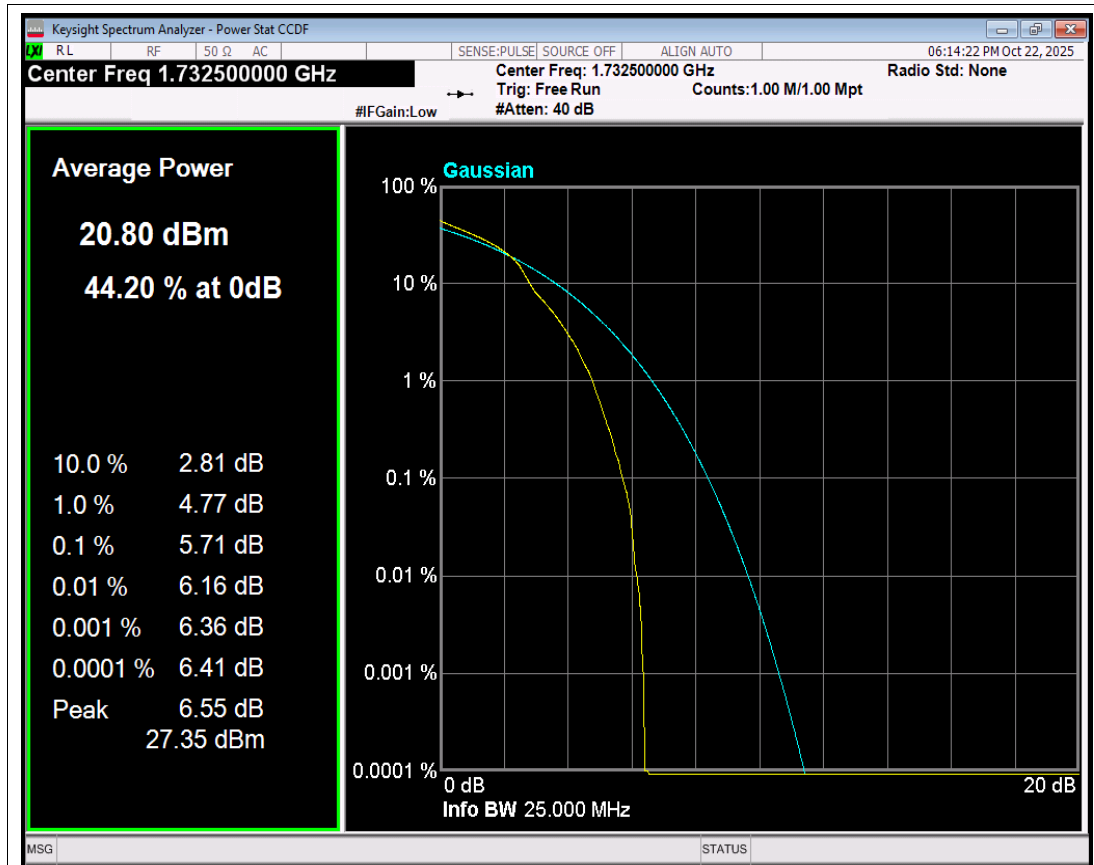




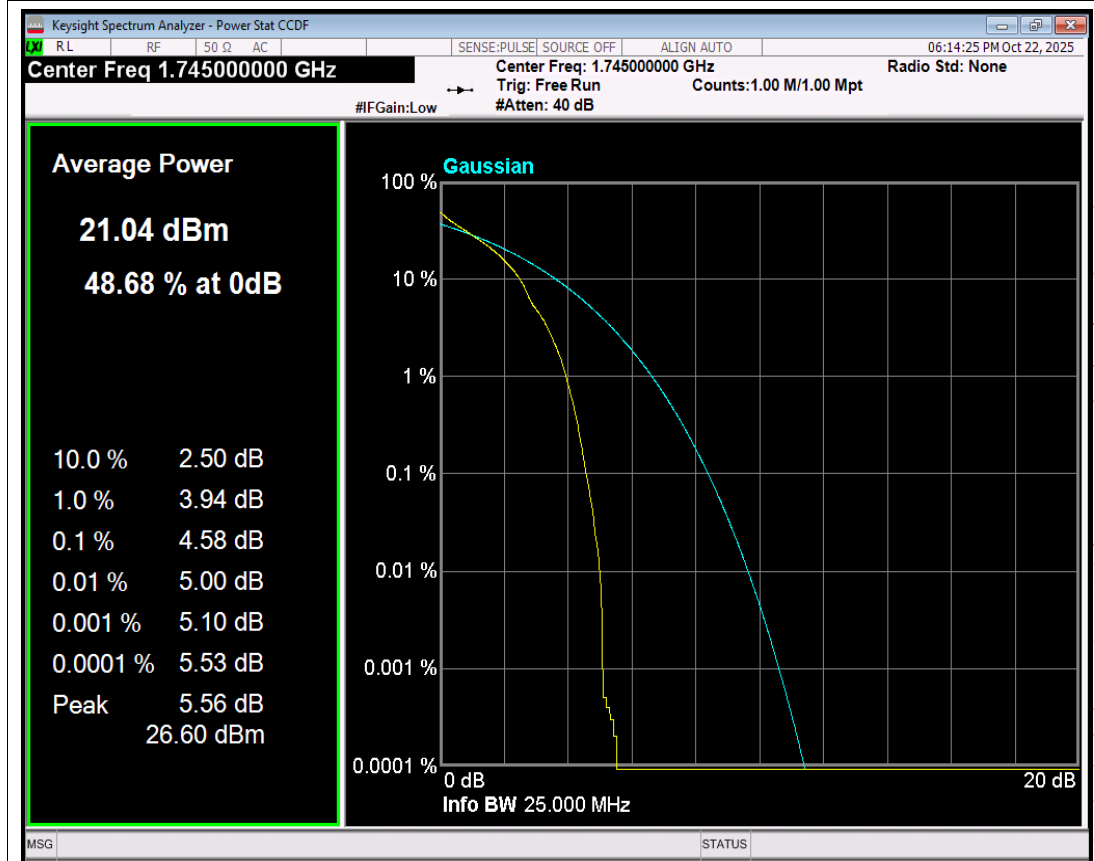
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0 NVNT

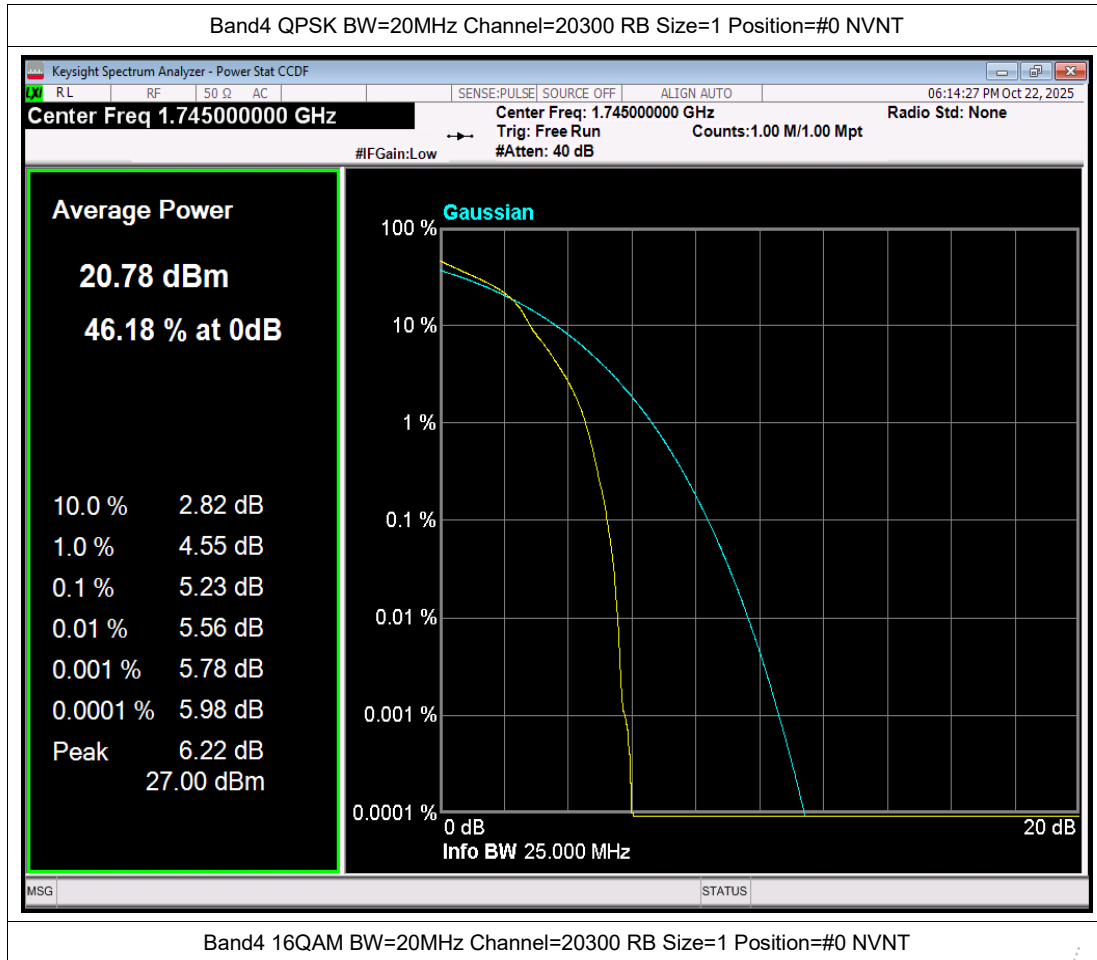






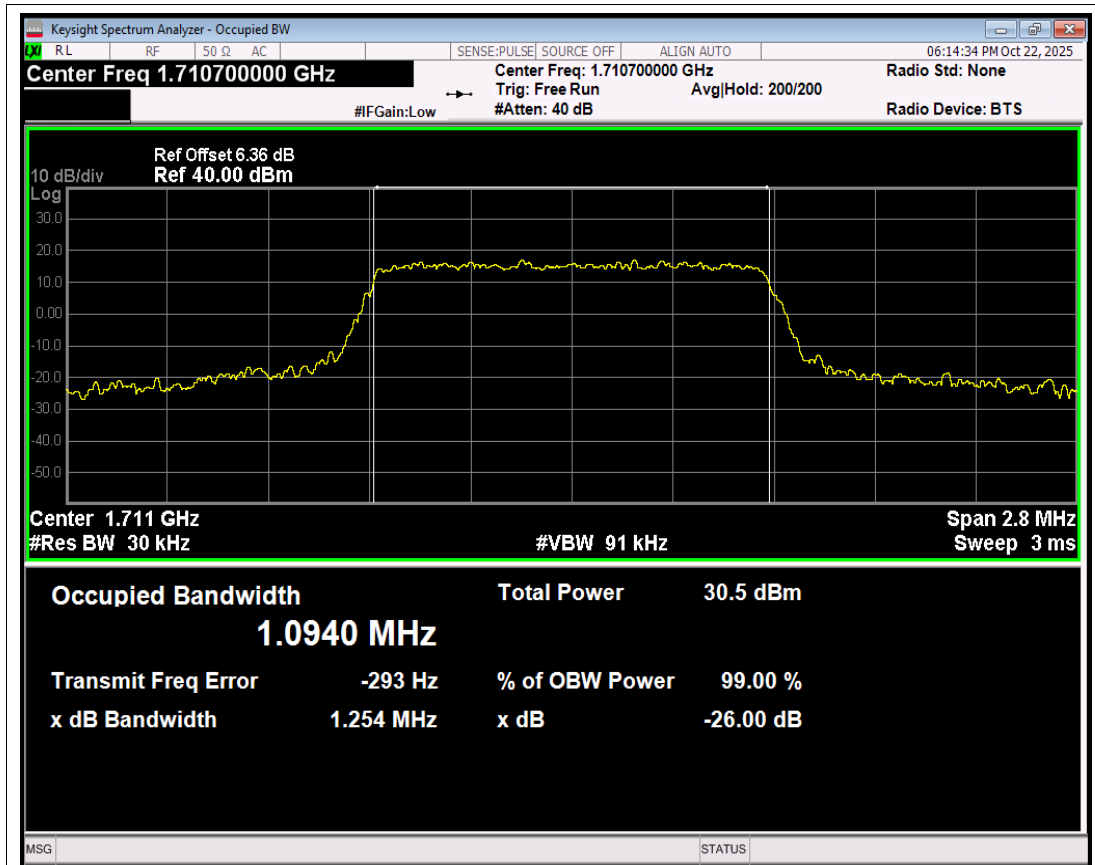
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0 NVNT



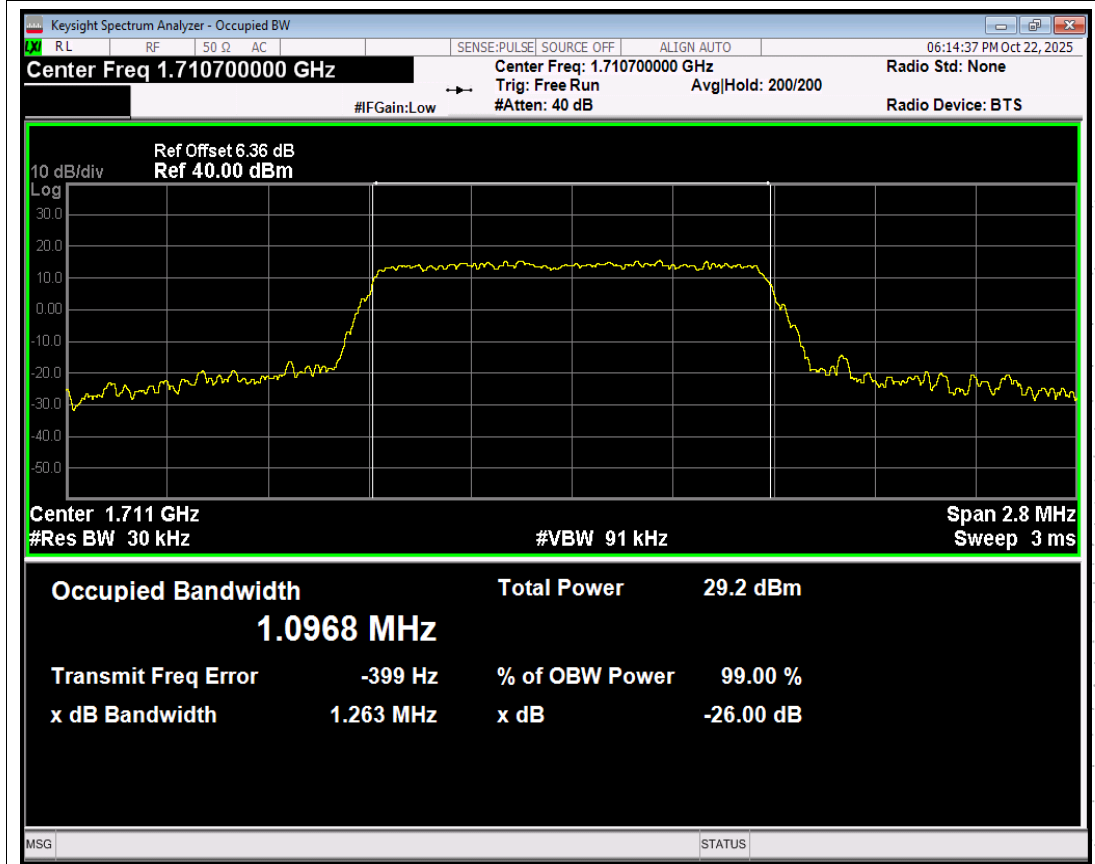


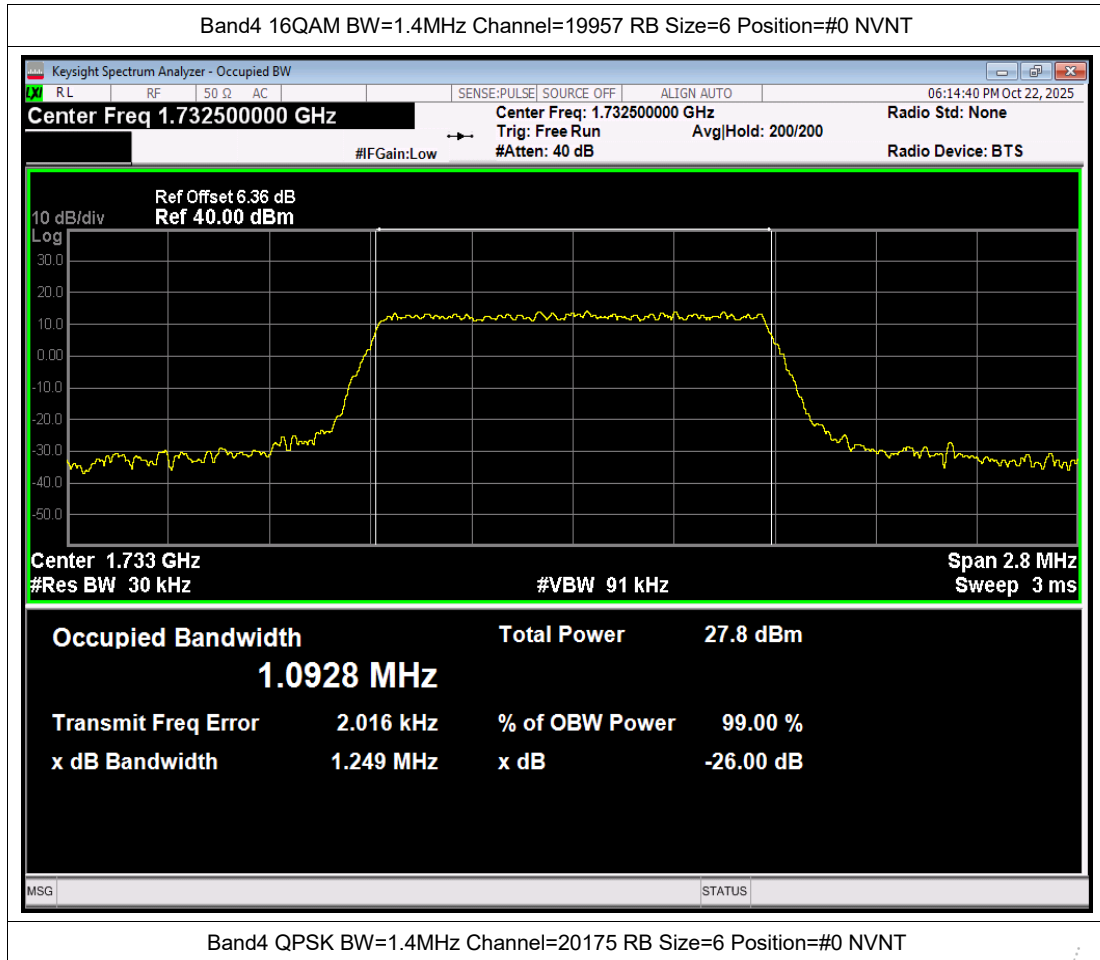
Appendix 4.Occupied bandwidth

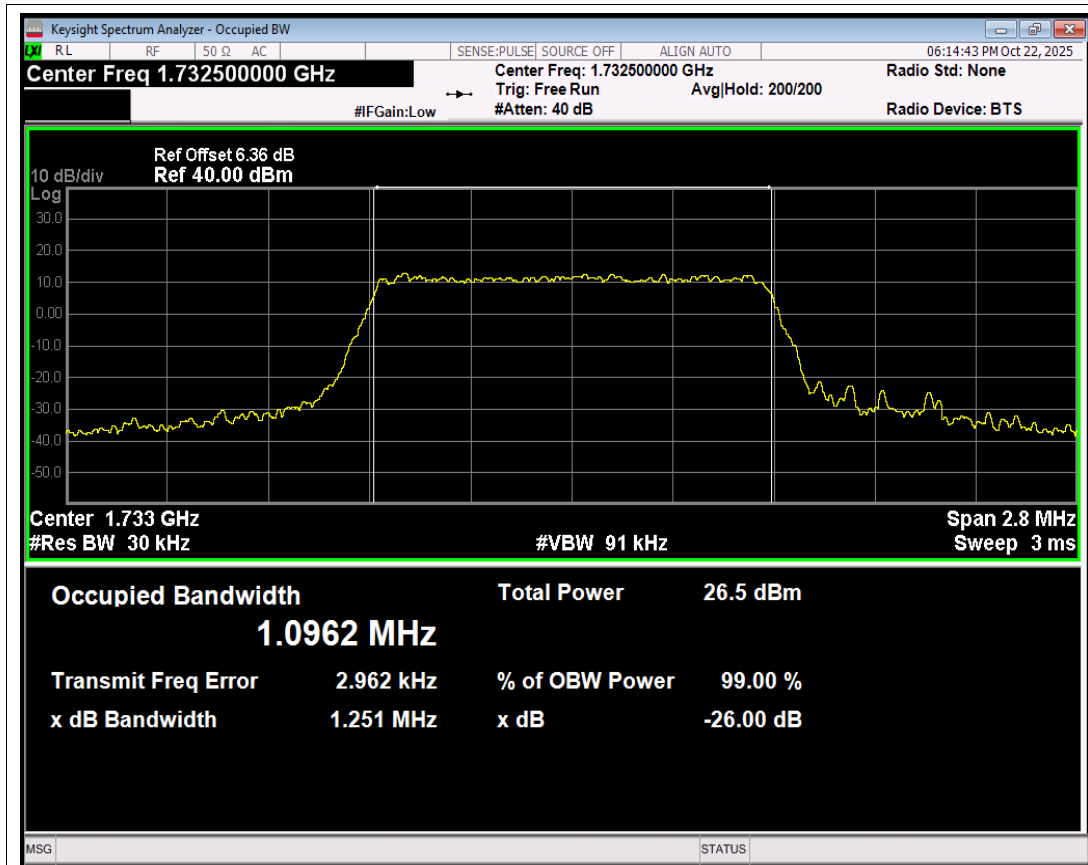
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band4	1.4	19957	6	#0	QPSK	1.094	1.254	PASS
				6	#0	16QAM	1.097	1.263	PASS
			20175	6	#0	QPSK	1.093	1.249	PASS
				6	#0	16QAM	1.096	1.251	PASS
			20393	6	#0	QPSK	1.097	1.259	PASS
				6	#0	16QAM	1.097	1.243	PASS
		3	19965	15	#0	QPSK	2.699	3.054	PASS
				15	#0	16QAM	2.704	3.021	PASS
			20175	15	#0	QPSK	2.709	3.009	PASS
				15	#0	16QAM	2.701	3.016	PASS
			20385	15	#0	QPSK	2.706	3.044	PASS
				15	#0	16QAM	2.711	3.048	PASS
		5	19975	25	#0	QPSK	4.532	4.915	PASS
				25	#0	16QAM	4.498	4.930	PASS
			20175	25	#0	QPSK	4.506	4.972	PASS
				25	#0	16QAM	4.532	4.942	PASS
			20375	25	#0	QPSK	4.513	4.956	PASS
				25	#0	16QAM	4.511	5.005	PASS
		10	20000	50	#0	QPSK	8.976	9.820	PASS
				50	#0	16QAM	8.983	9.902	PASS
			20175	50	#0	QPSK	8.979	9.882	PASS
				50	#0	16QAM	9.012	9.850	PASS
			20350	50	#0	QPSK	8.988	9.839	PASS
				50	#0	16QAM	8.992	9.862	PASS
		15	20025	75	#0	QPSK	13.484	14.743	PASS
				75	#0	16QAM	13.475	14.688	PASS
			20175	75	#0	QPSK	13.483	14.829	PASS
				75	#0	16QAM	13.516	14.846	PASS
			20325	75	#0	QPSK	13.472	14.845	PASS
				75	#0	16QAM	13.437	14.650	PASS
		20	20050	100	#0	QPSK	17.935	19.435	PASS
				100	#0	16QAM	17.898	19.580	PASS
			20175	100	#0	QPSK	18.015	19.631	PASS
				100	#0	16QAM	18.028	19.852	PASS
			20300	100	#0	QPSK	17.991	19.721	PASS
				100	#0	16QAM	17.984	19.696	PASS



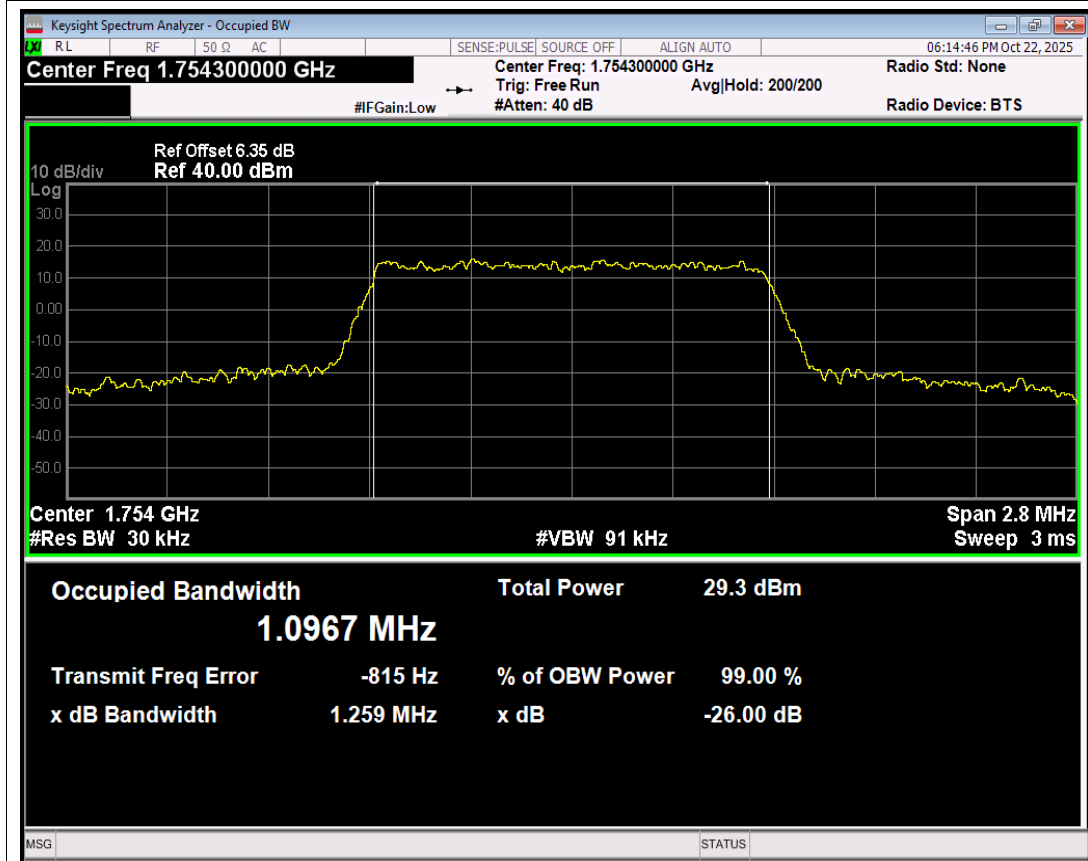
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT

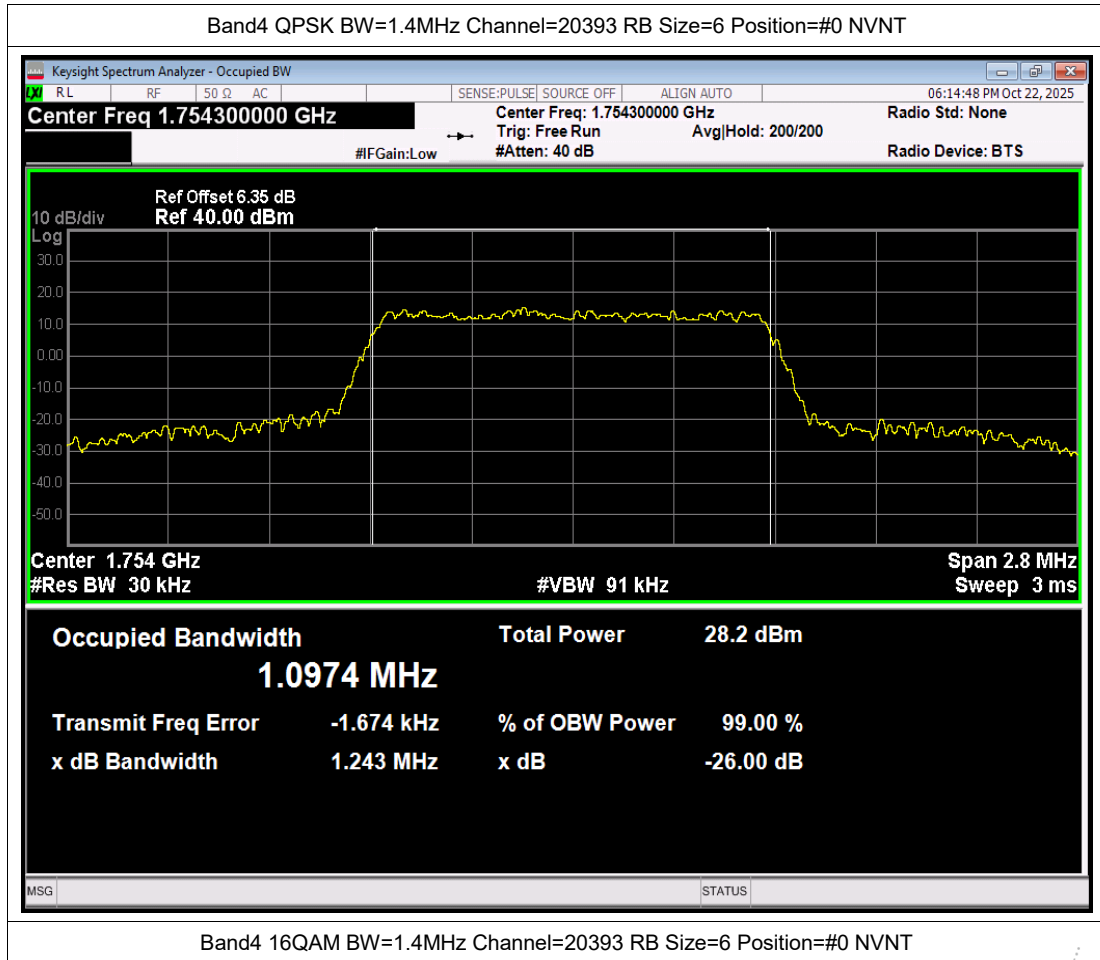


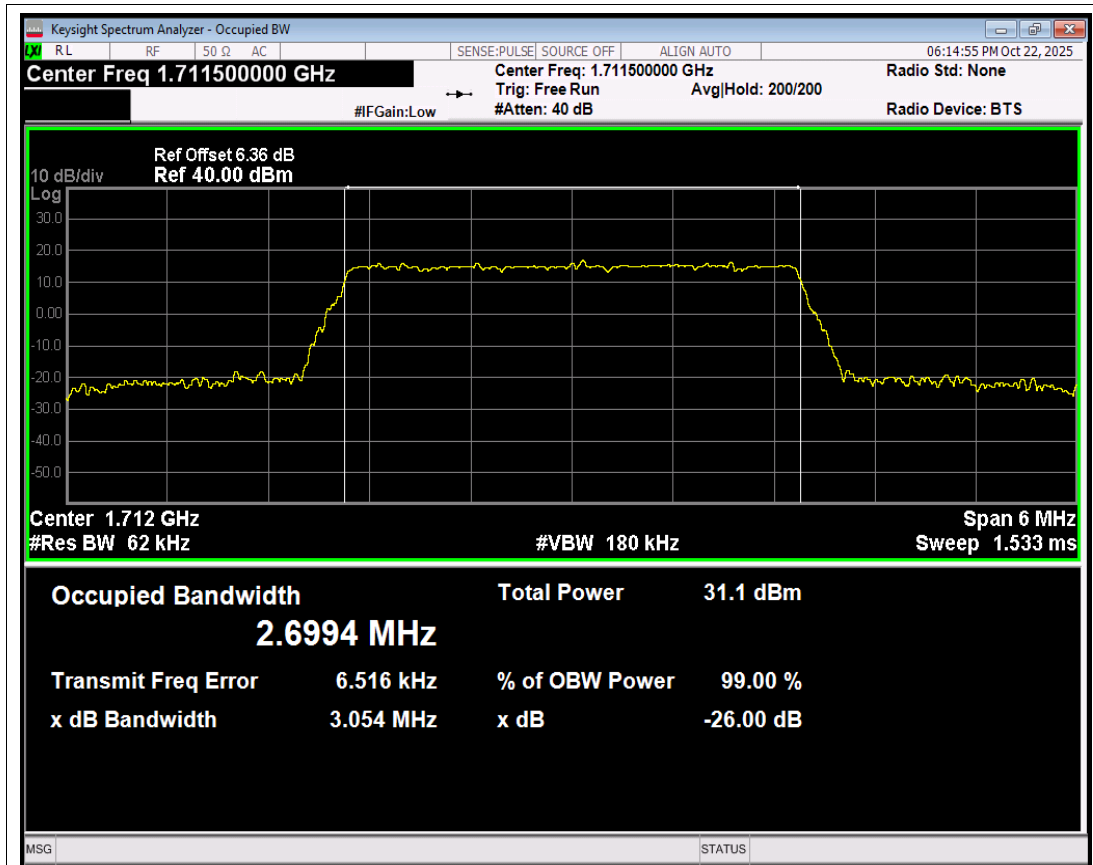




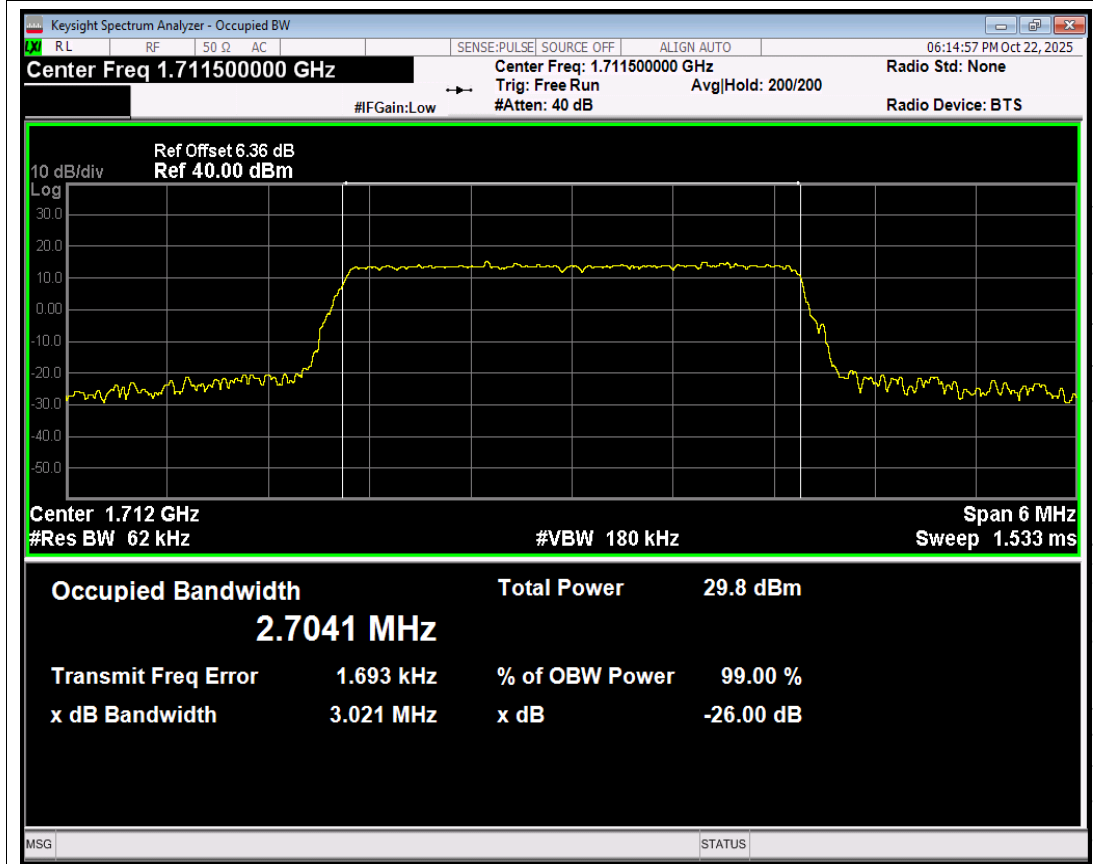
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT

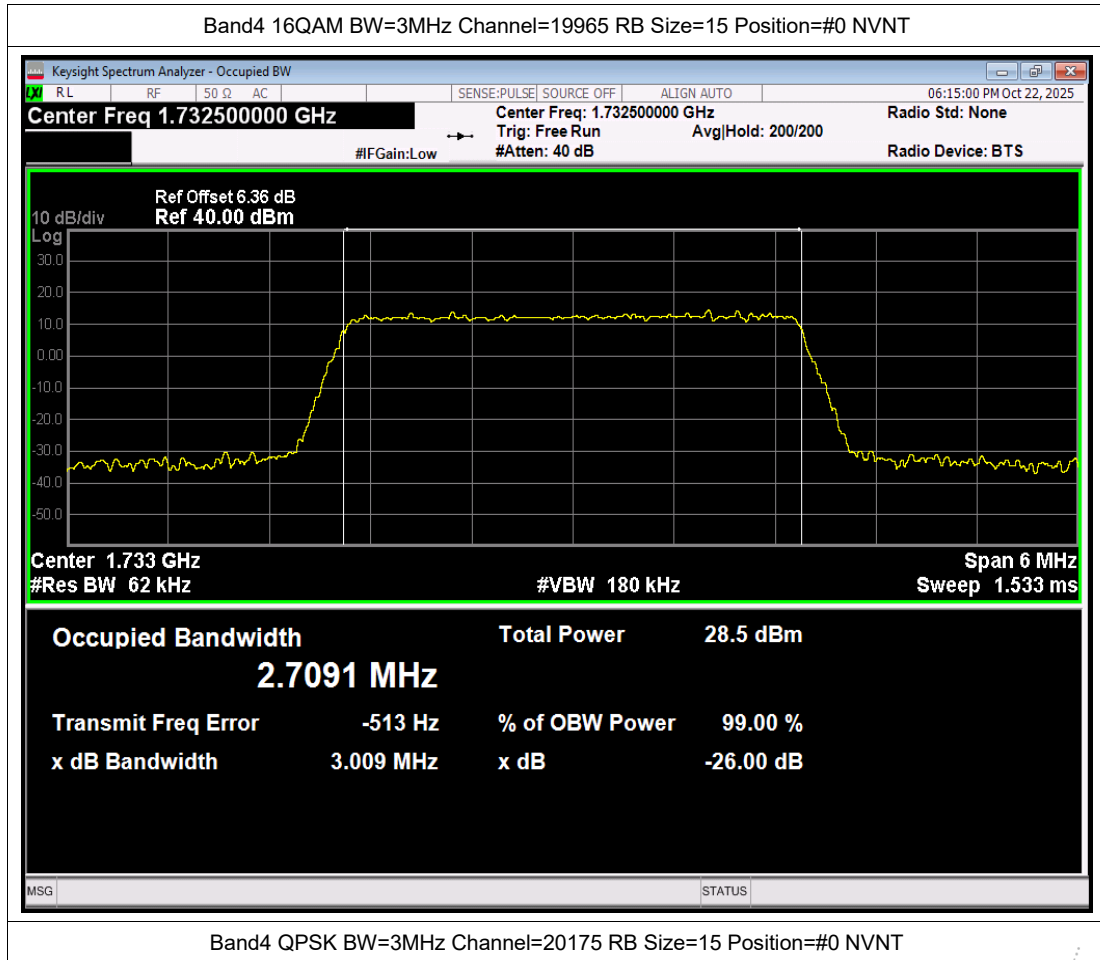


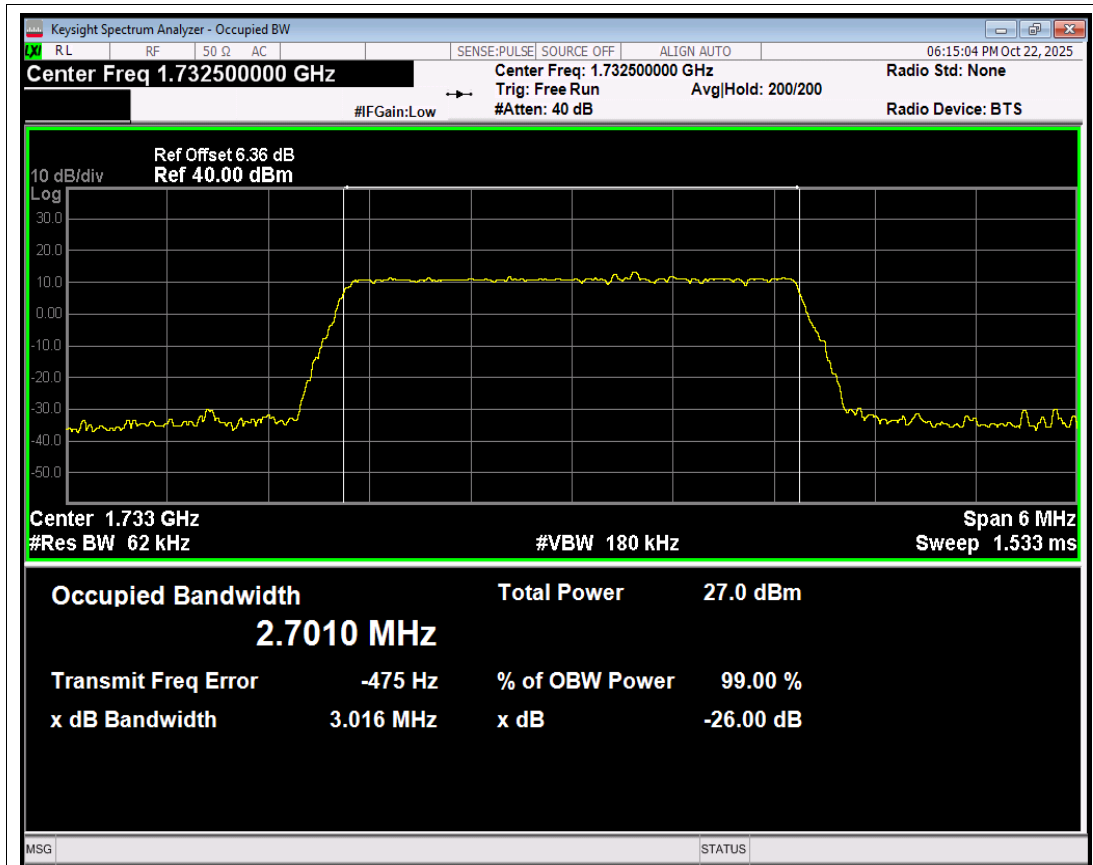




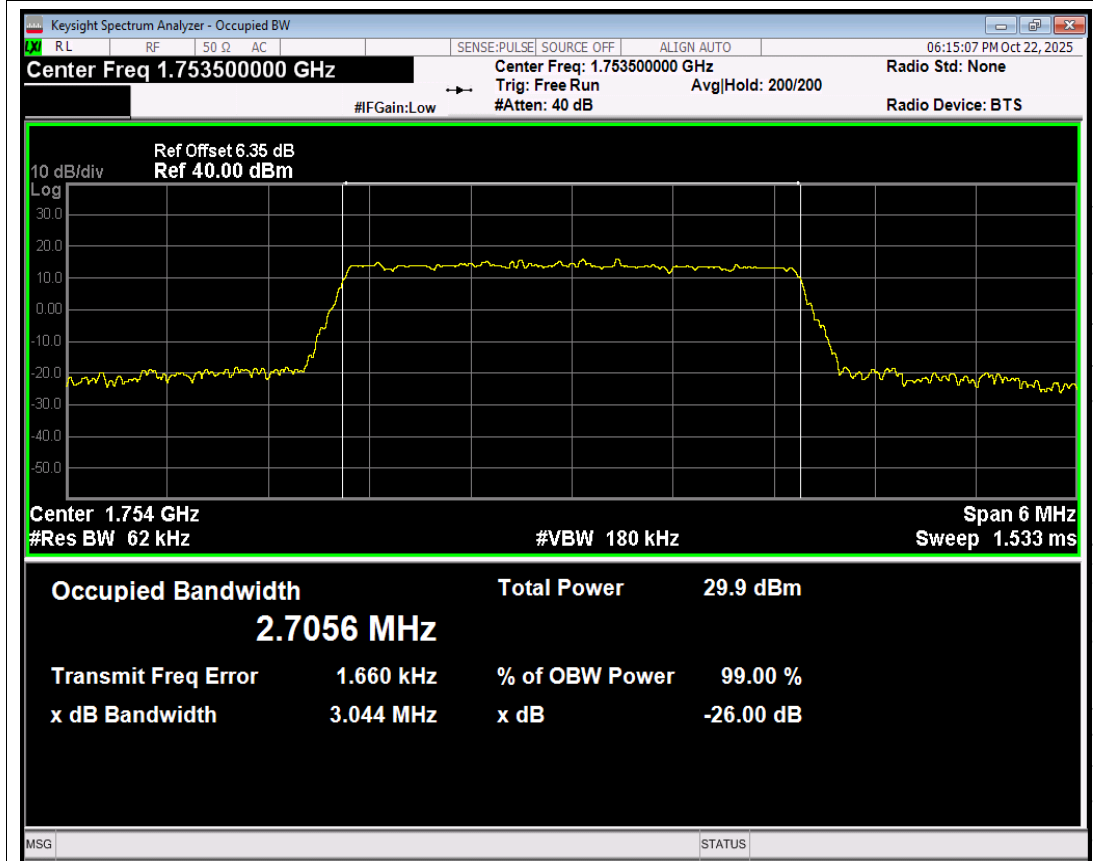
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT

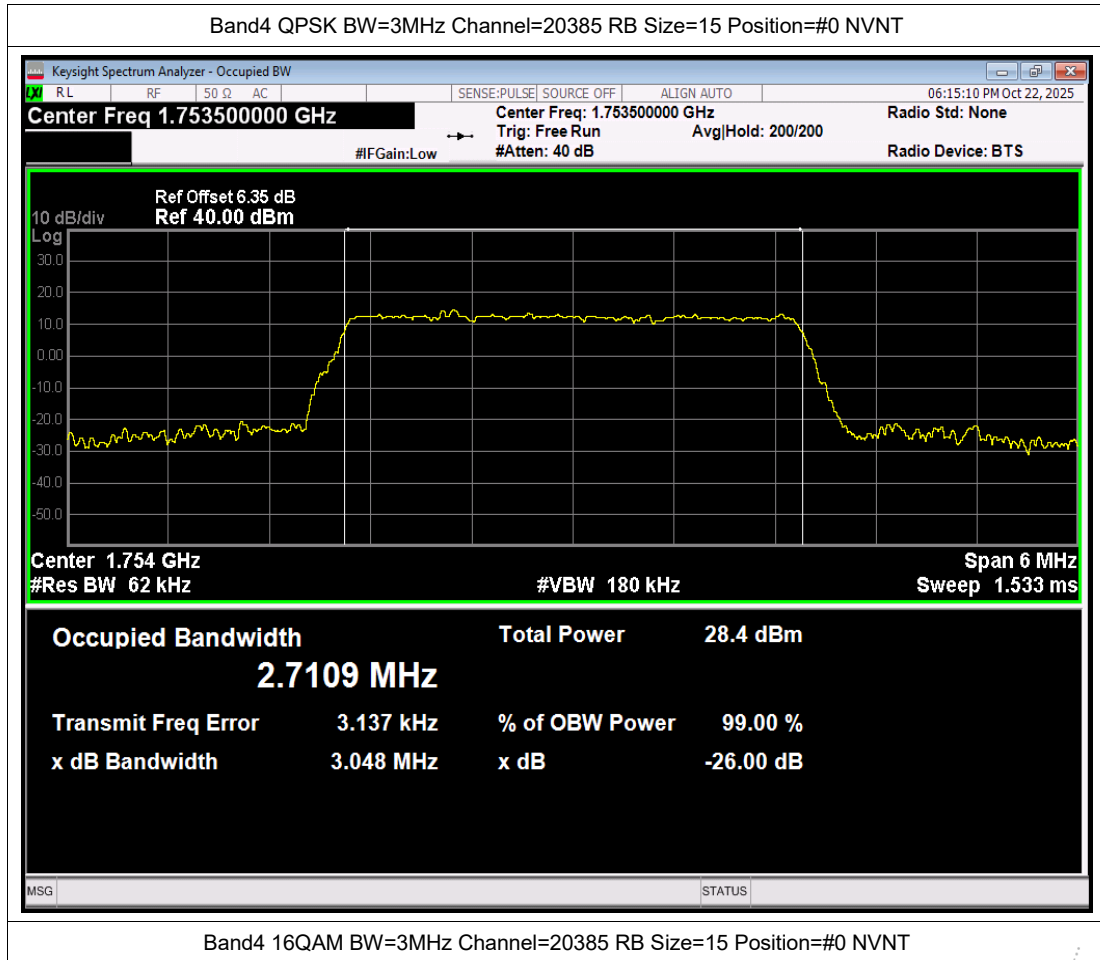


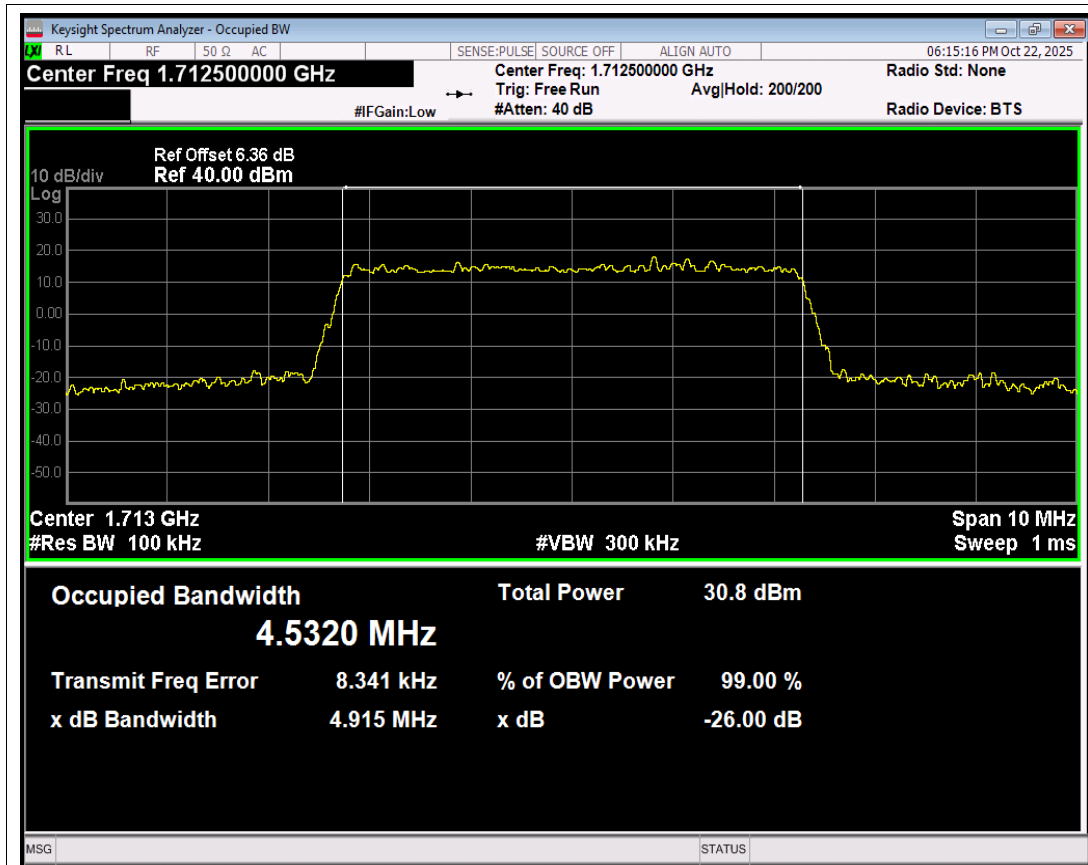




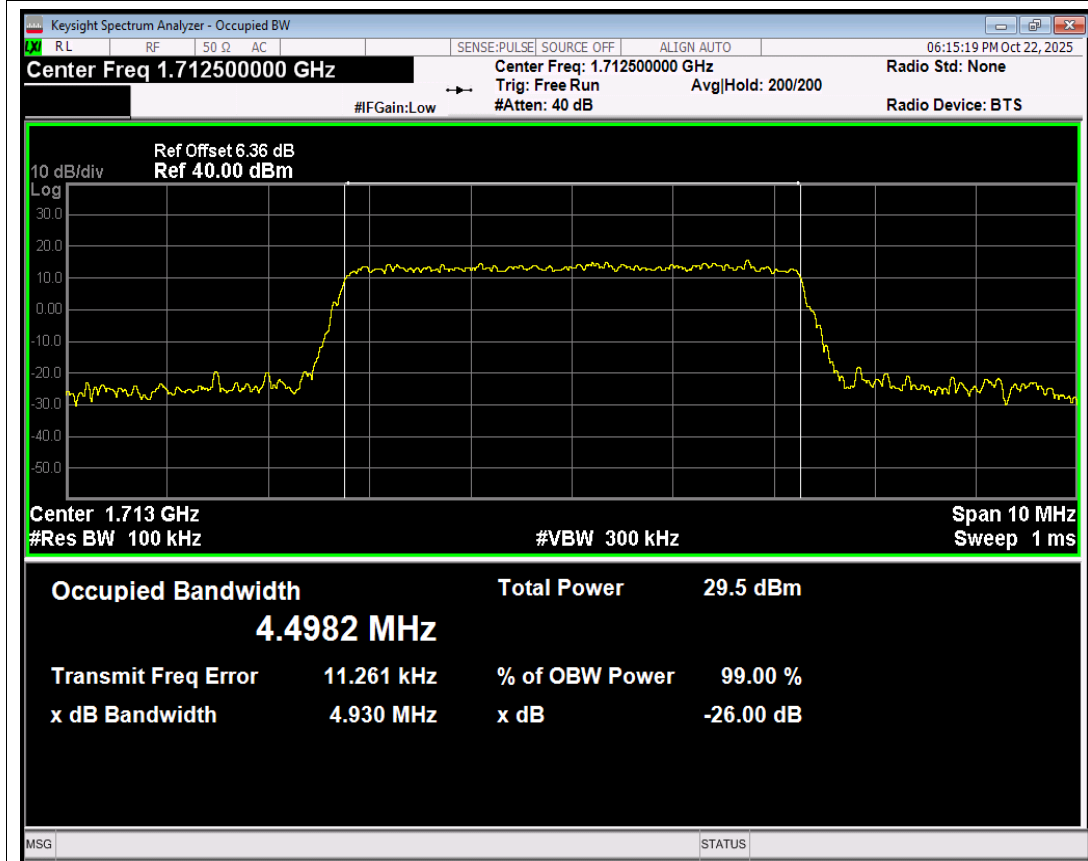
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT

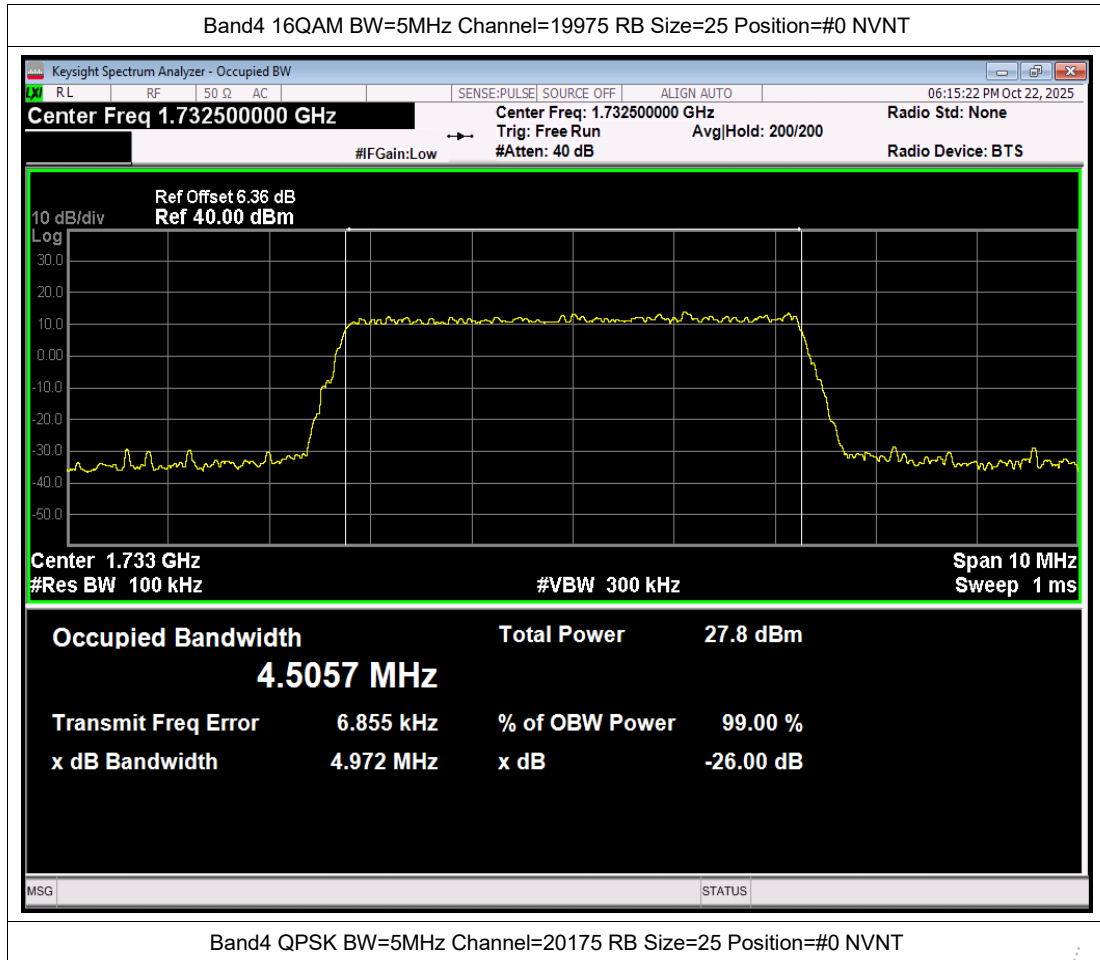


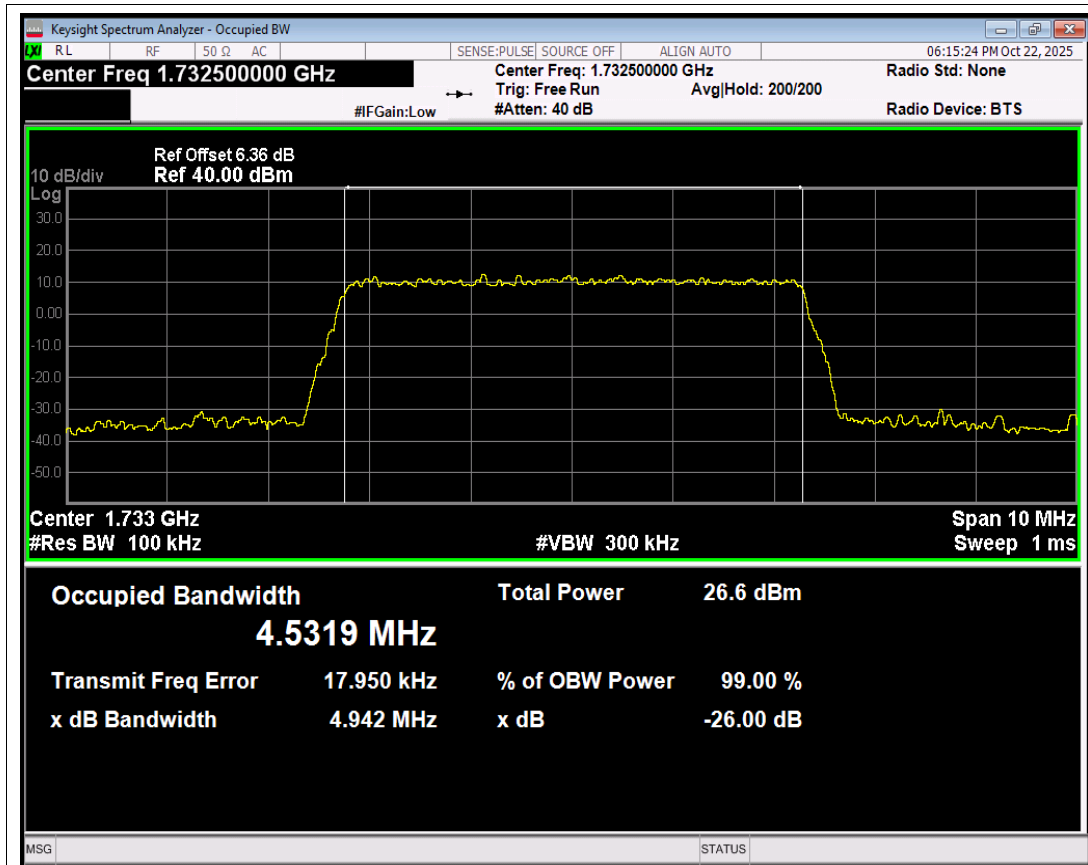




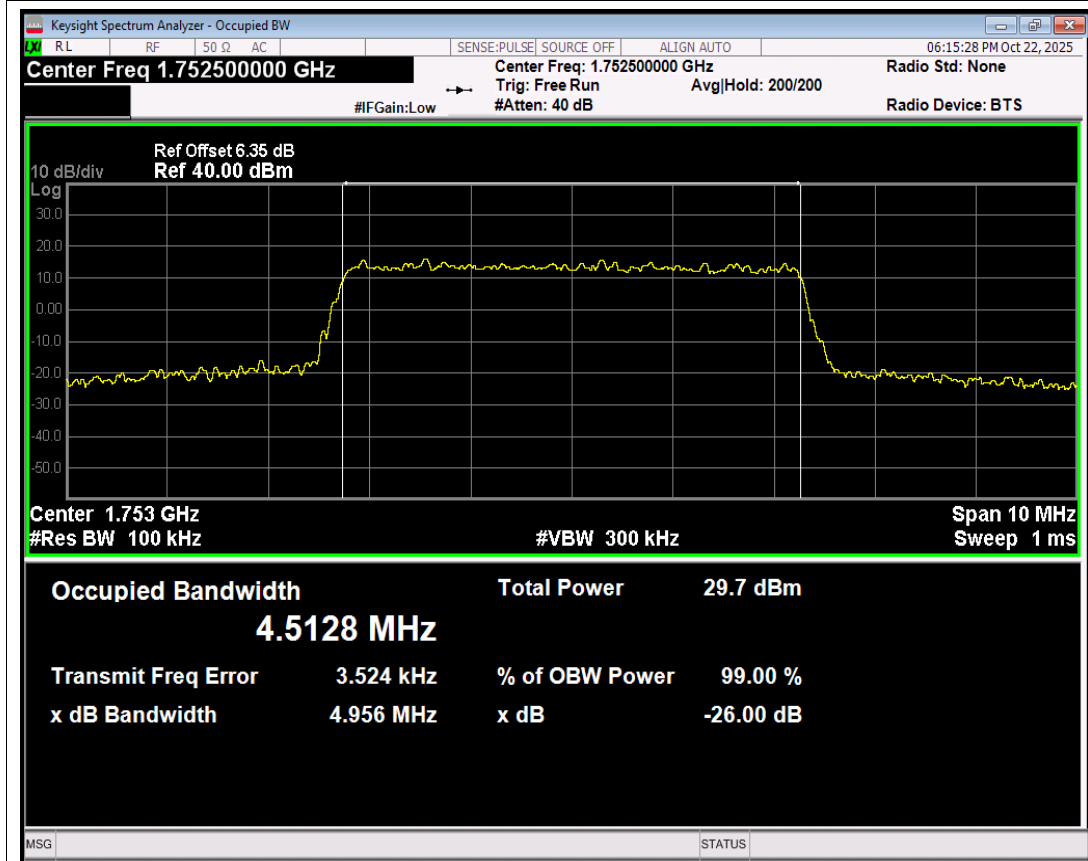
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

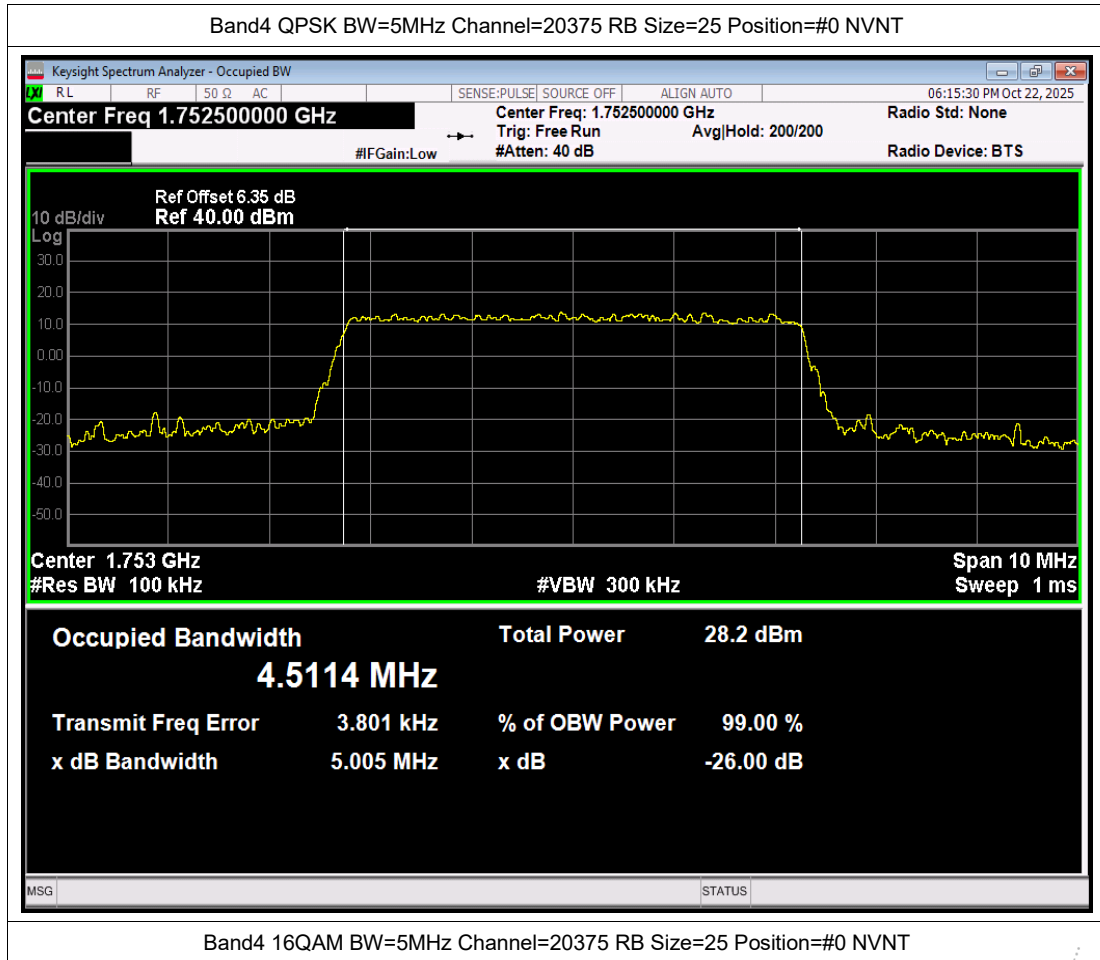


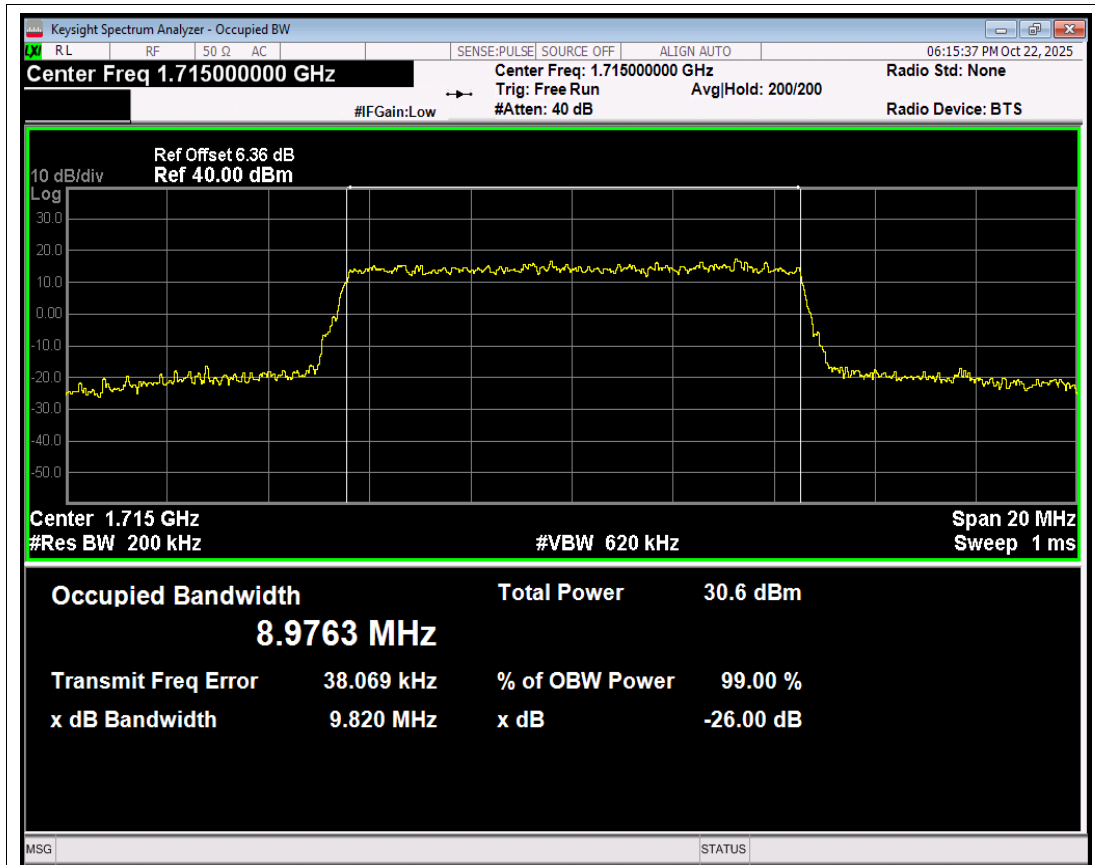




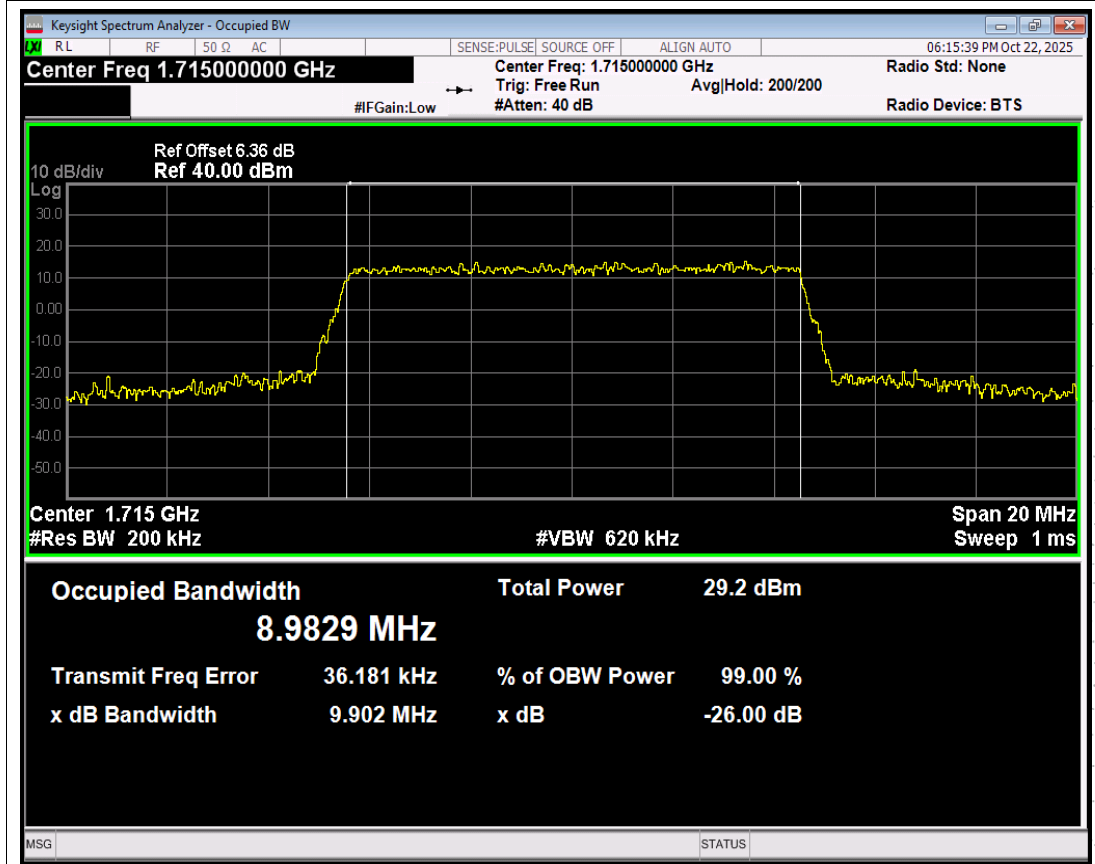
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT

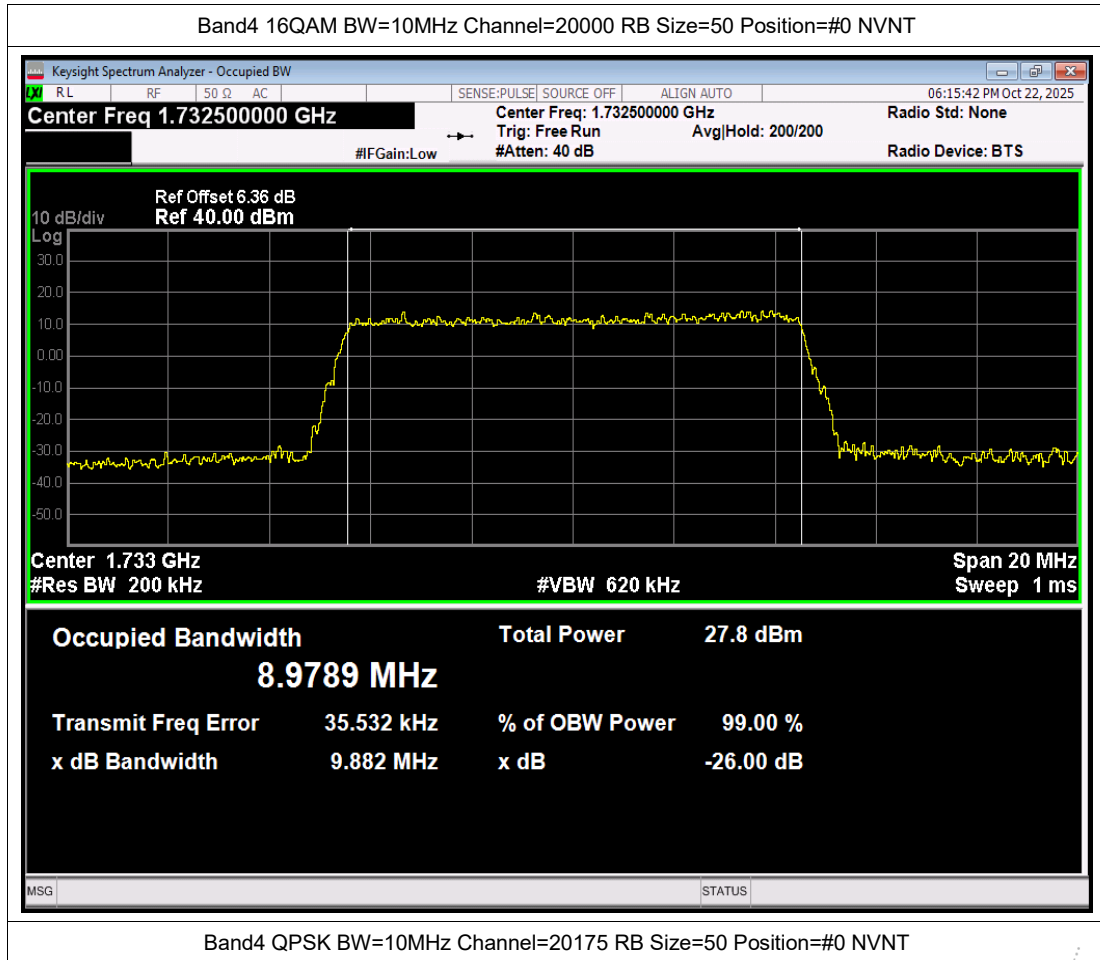


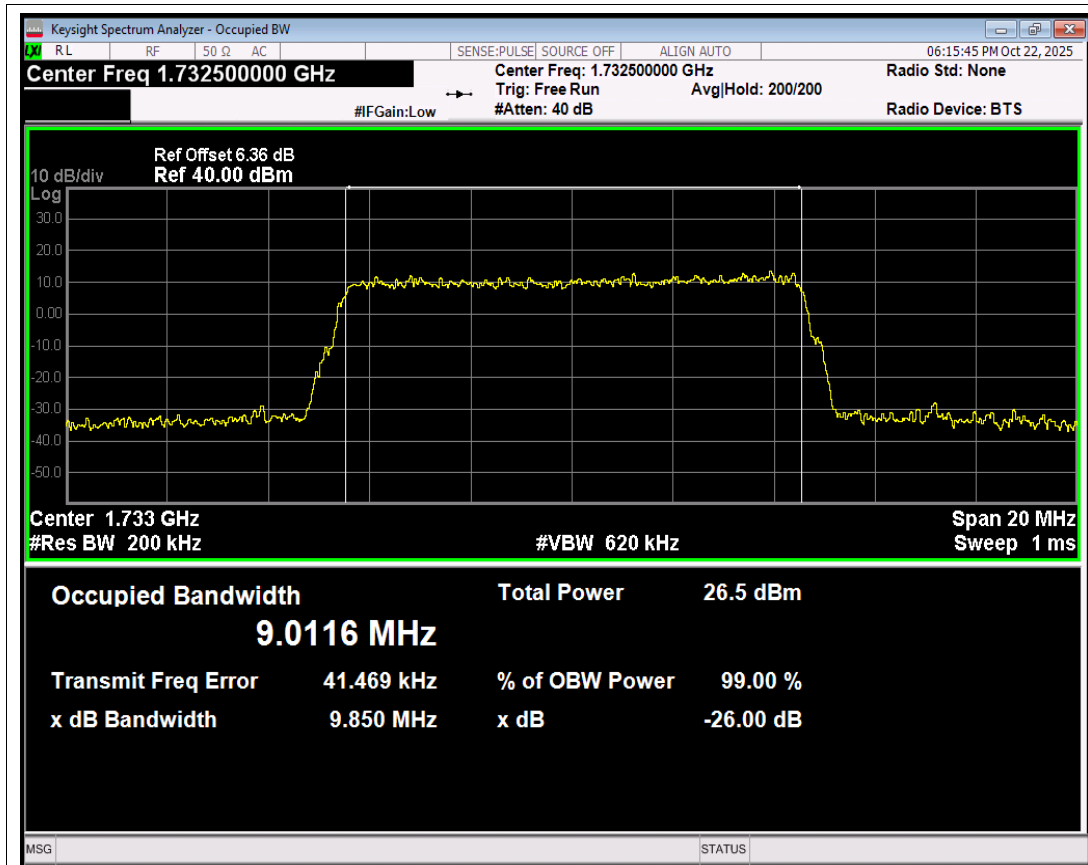




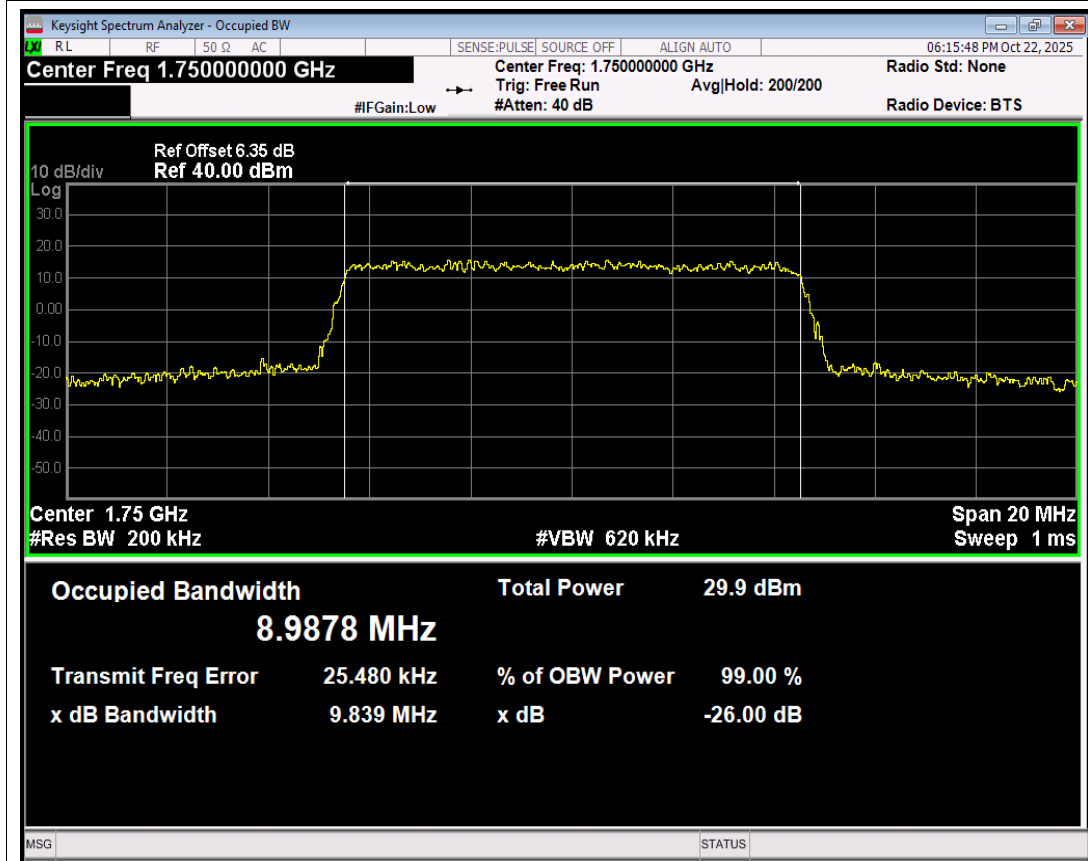
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT

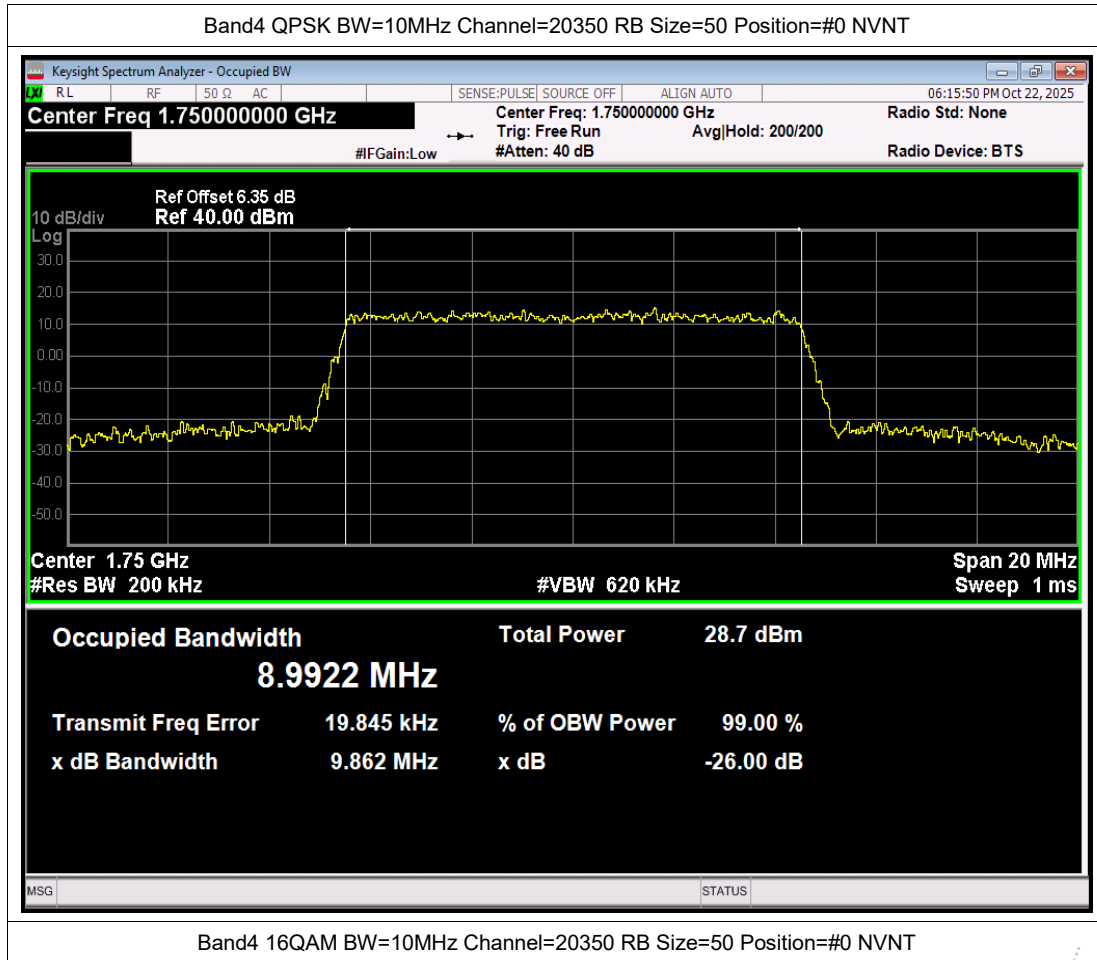


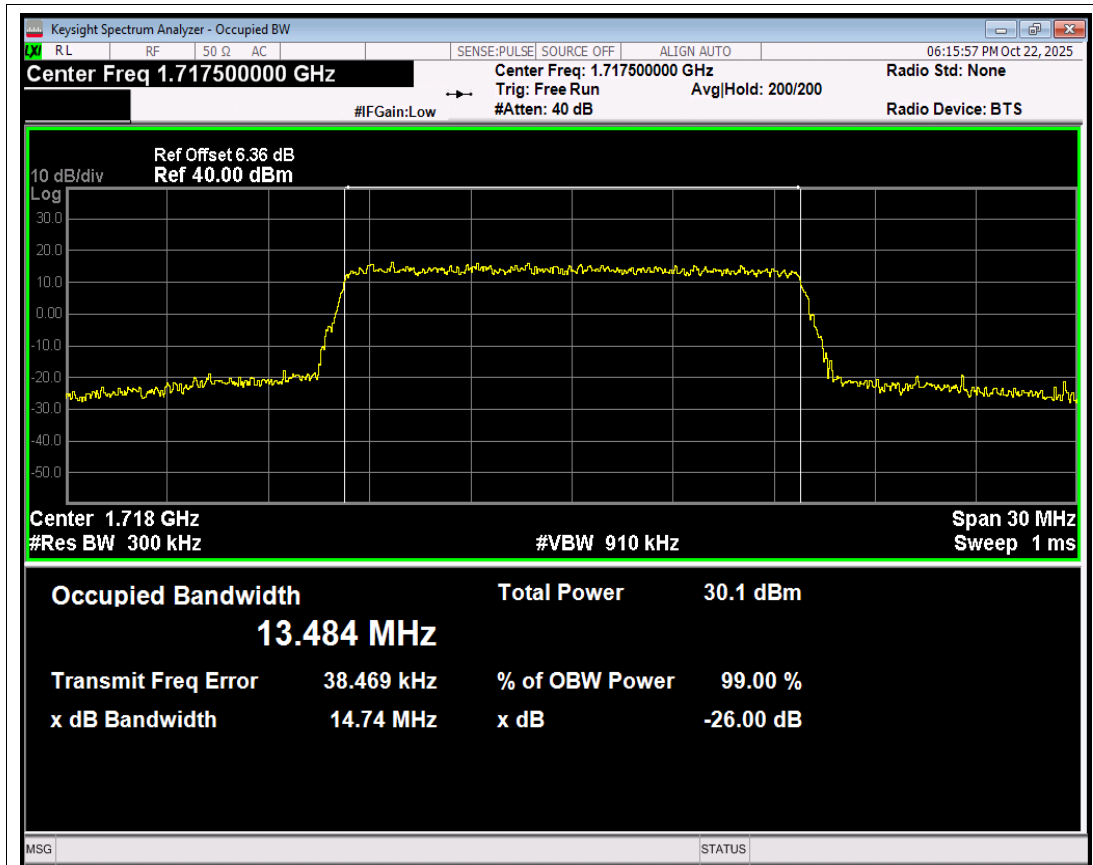




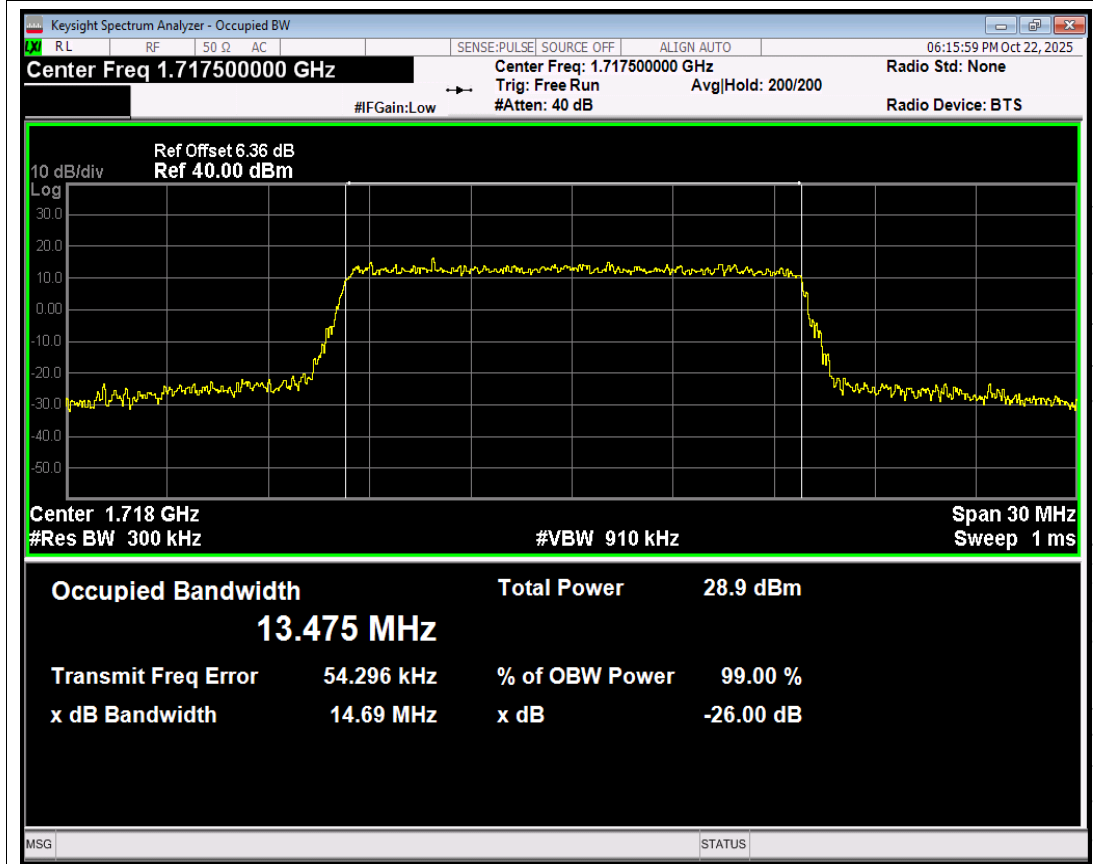
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT

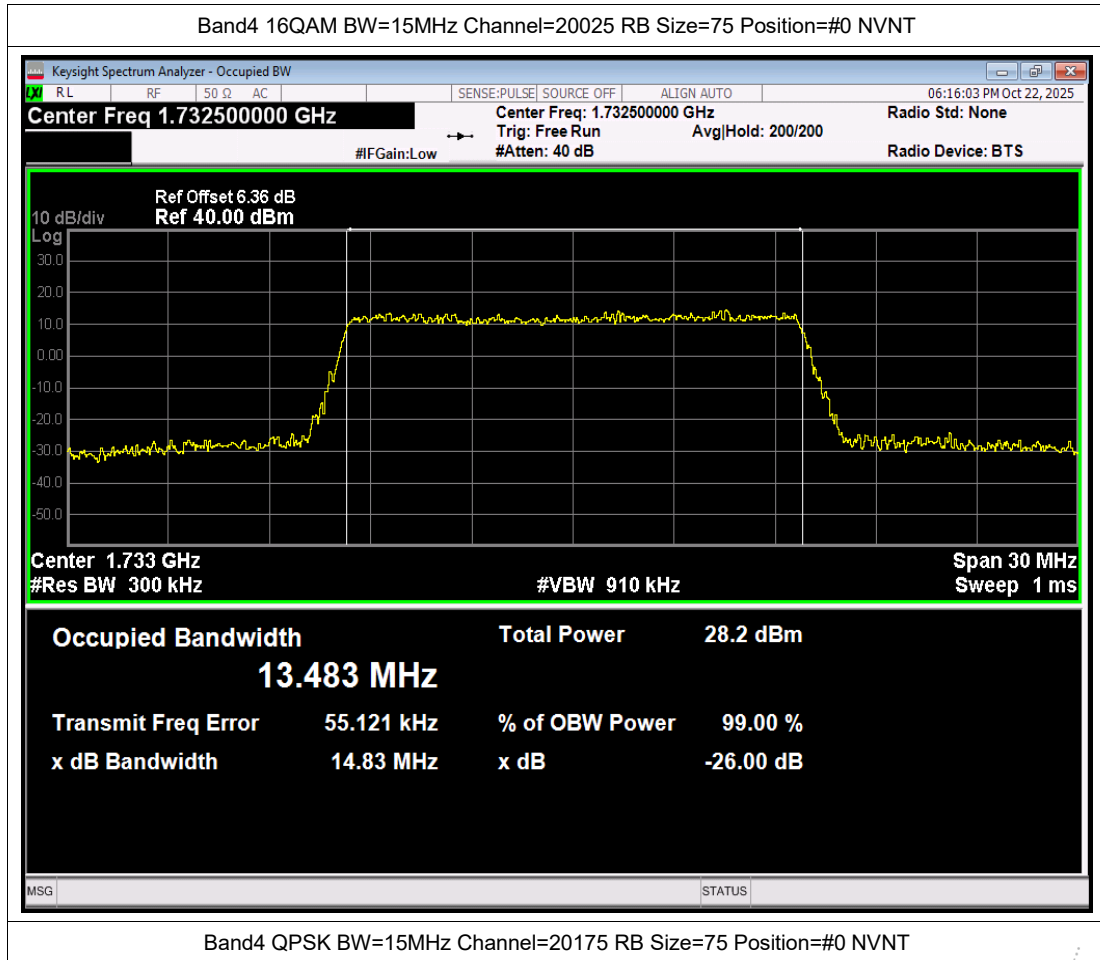


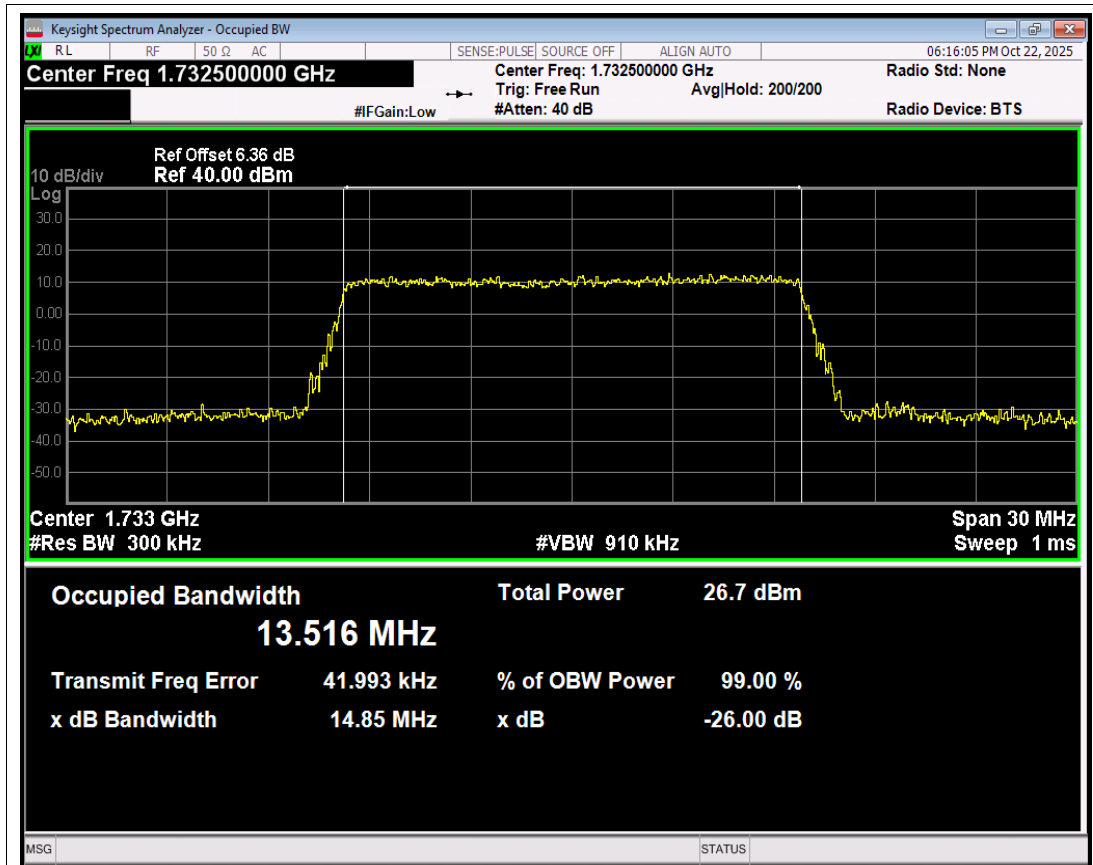




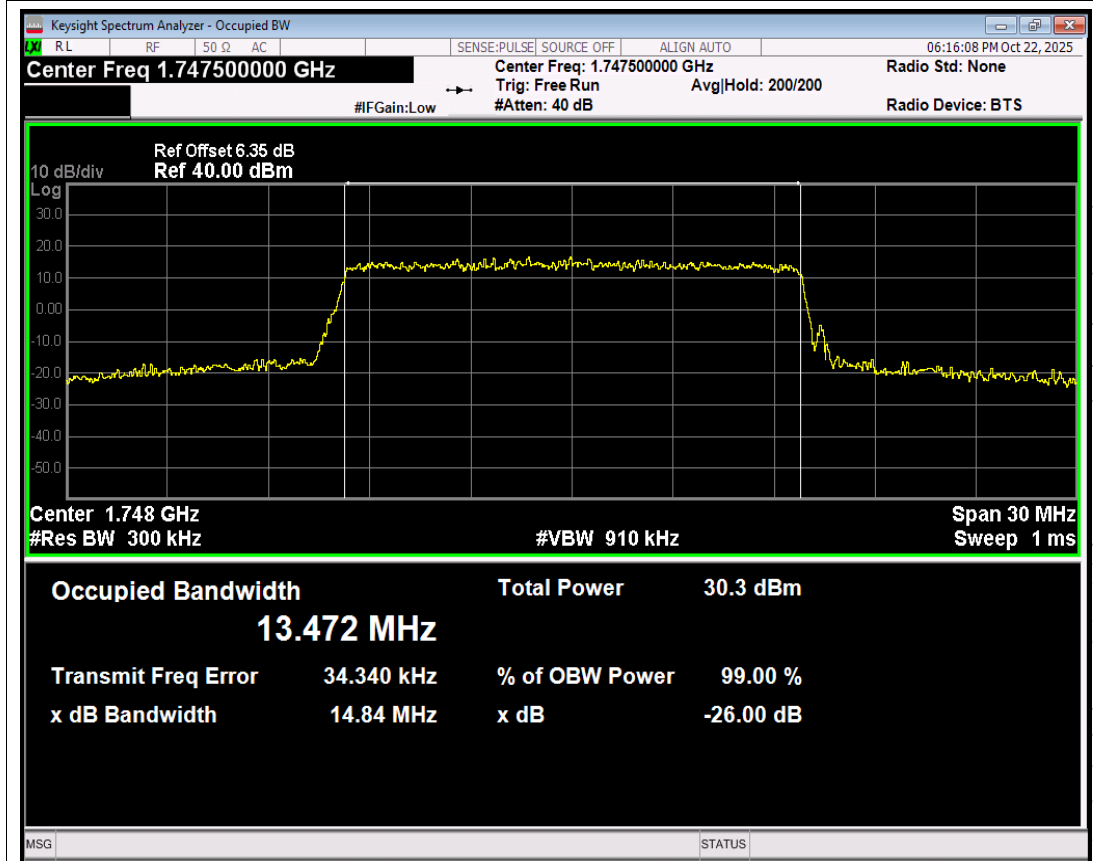
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT

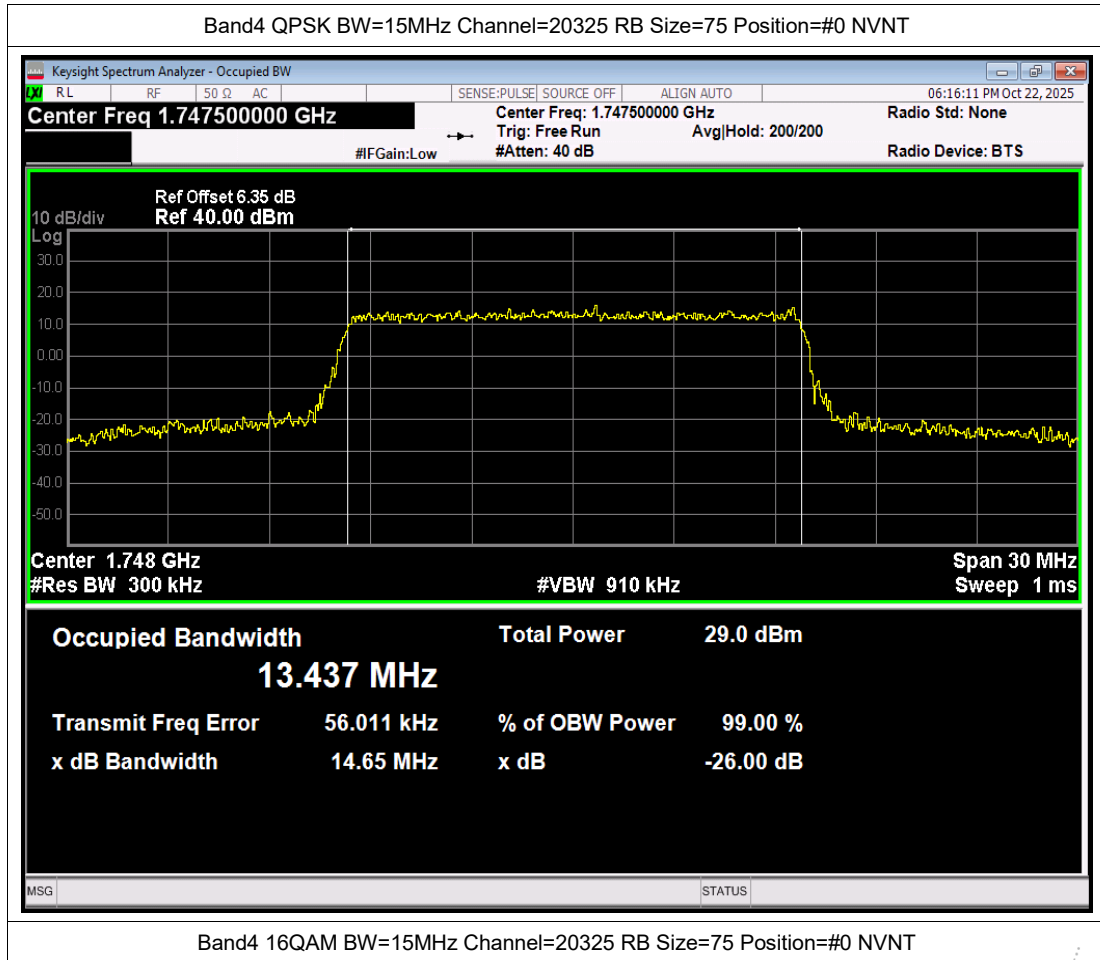


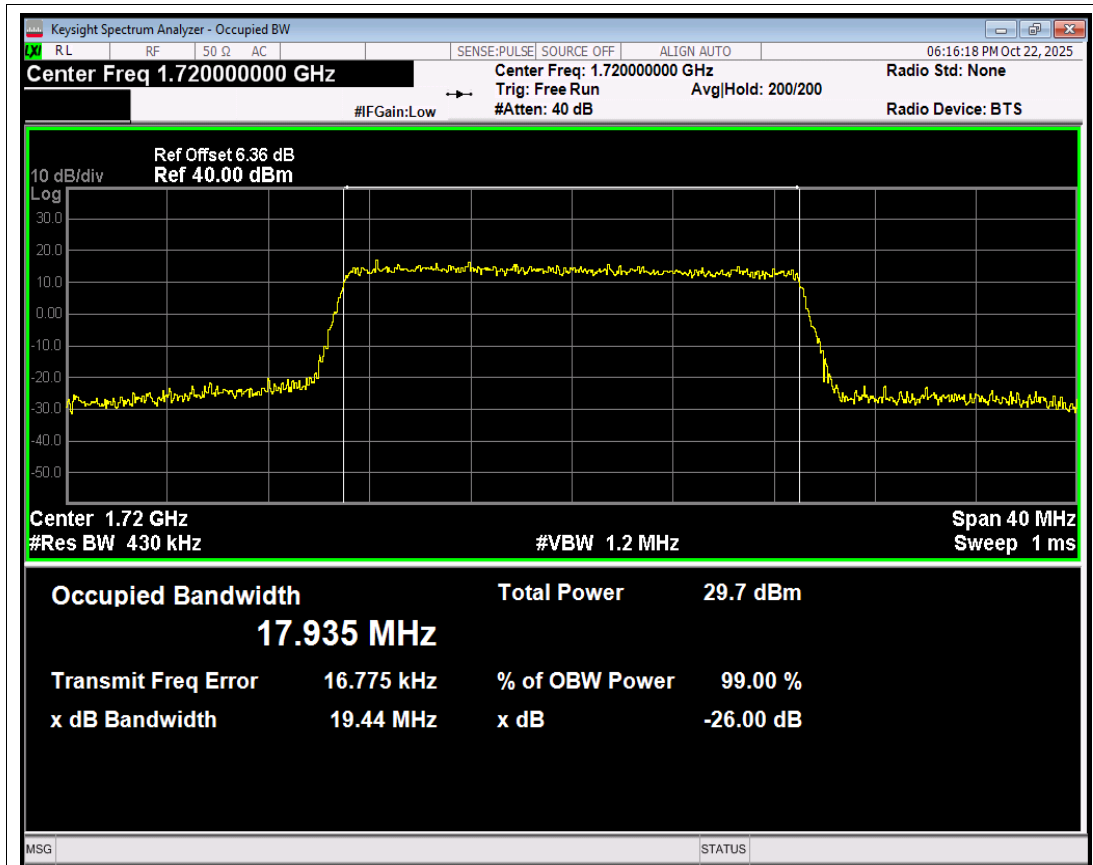




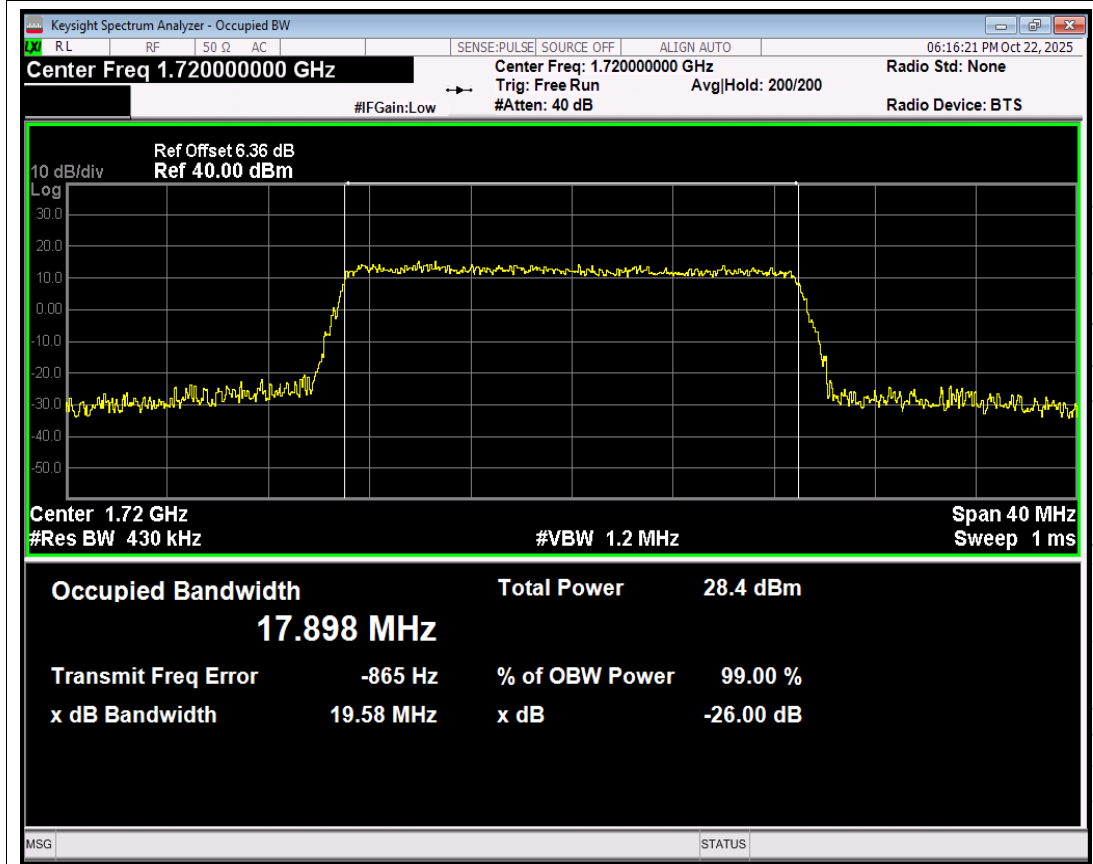
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT

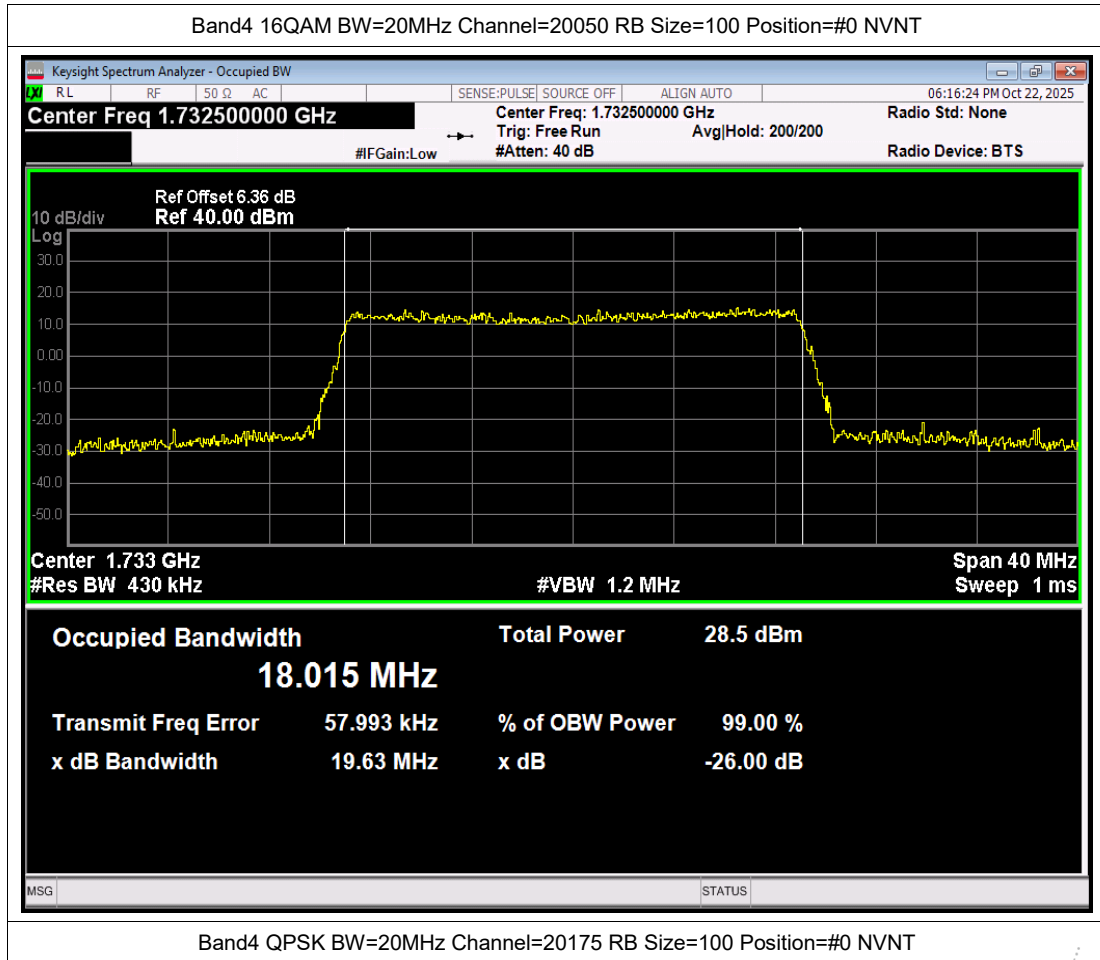


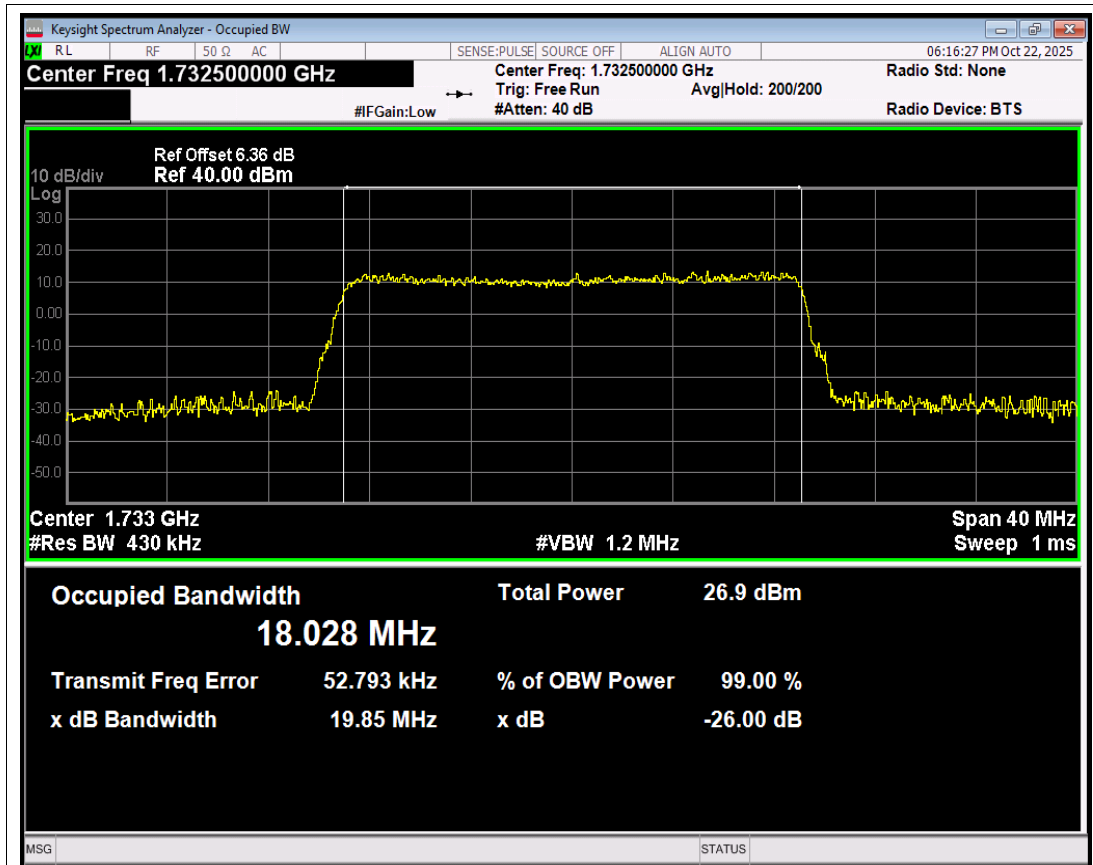




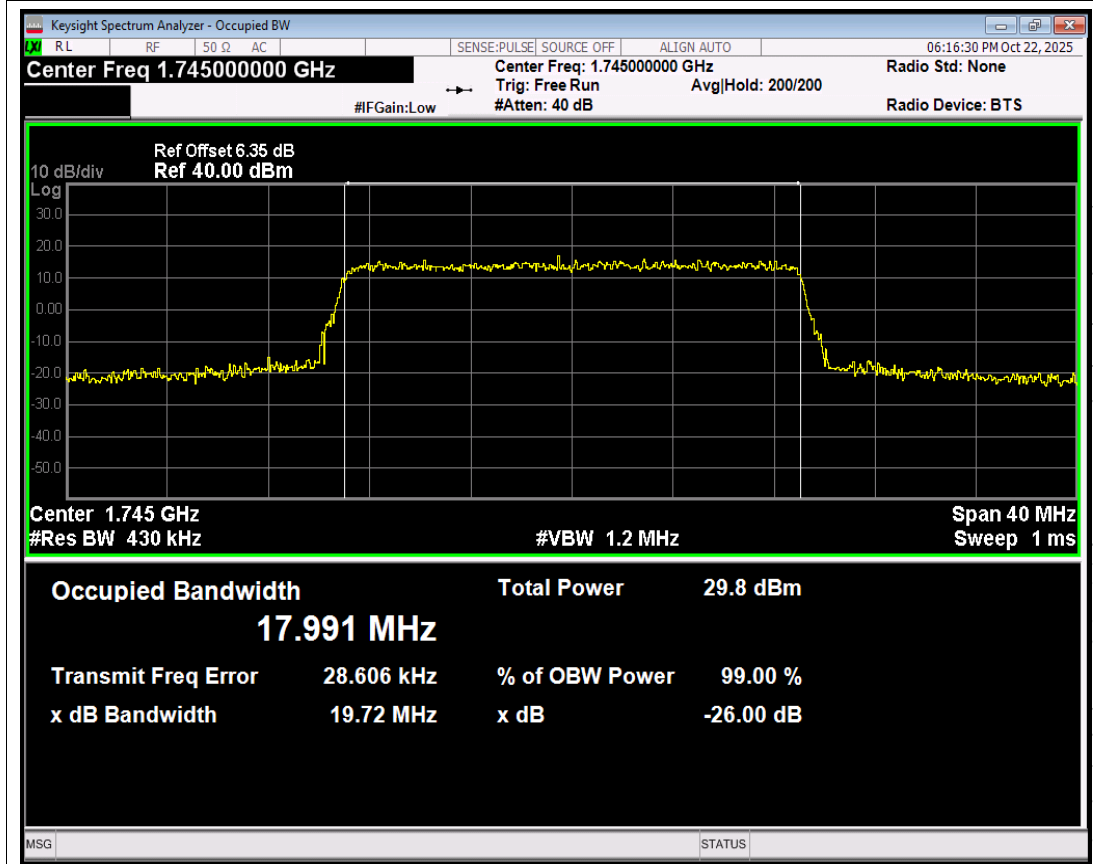
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT

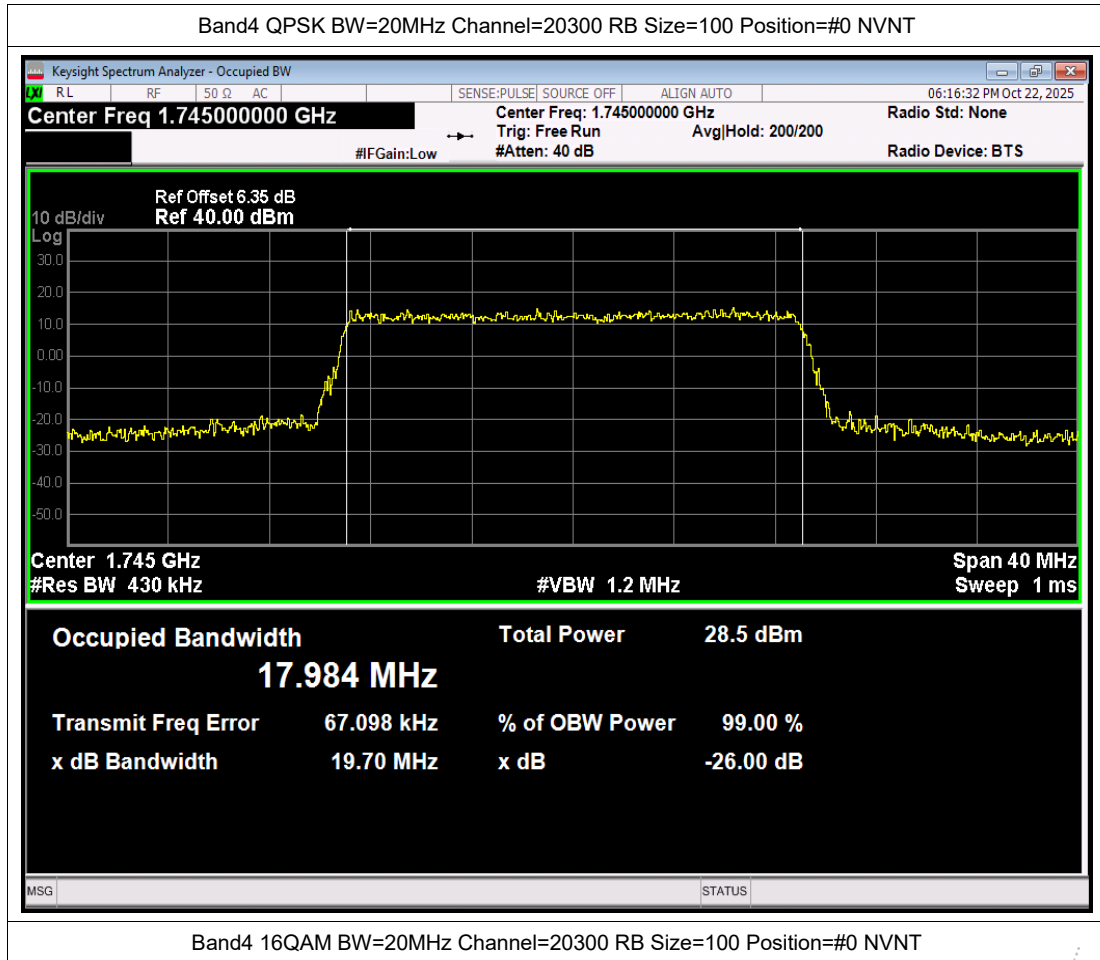






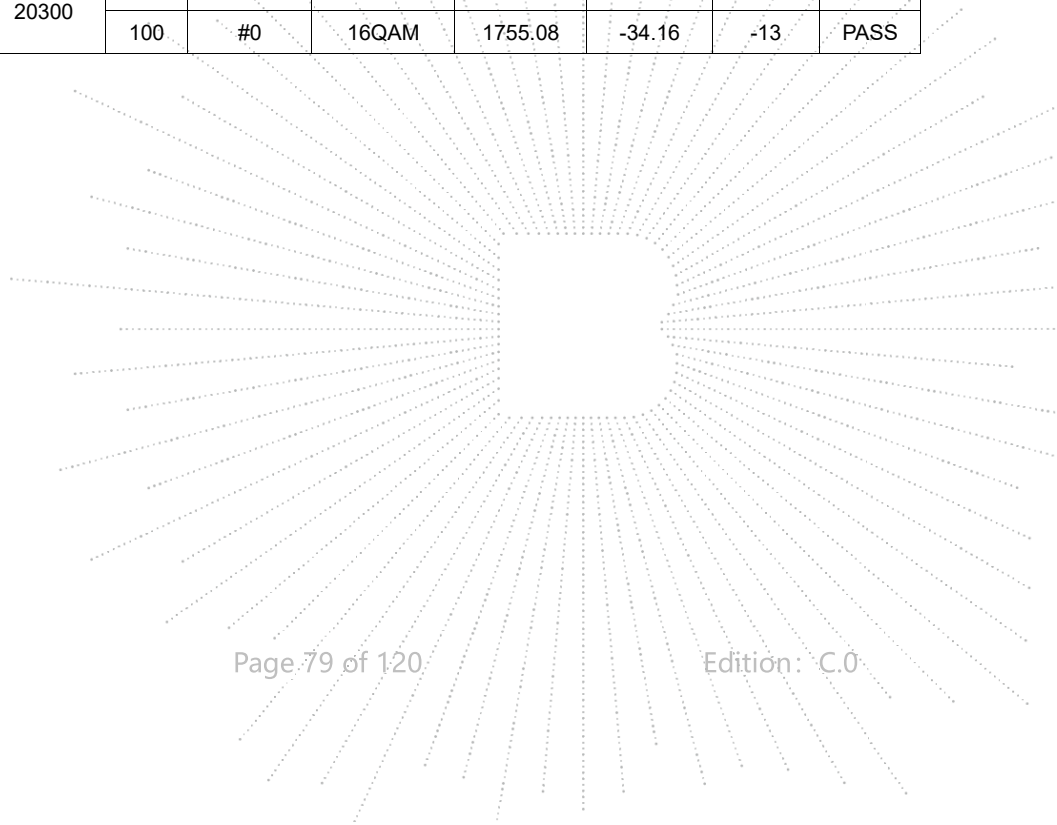
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0 NVNT

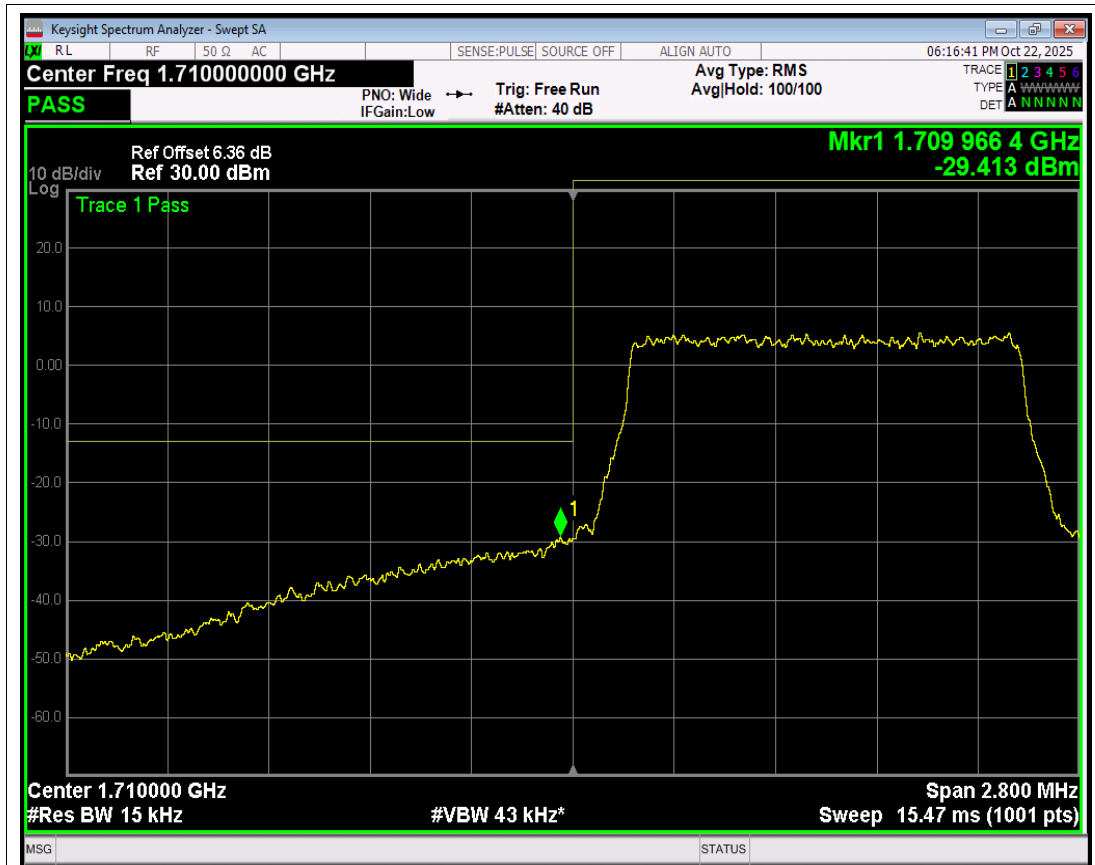




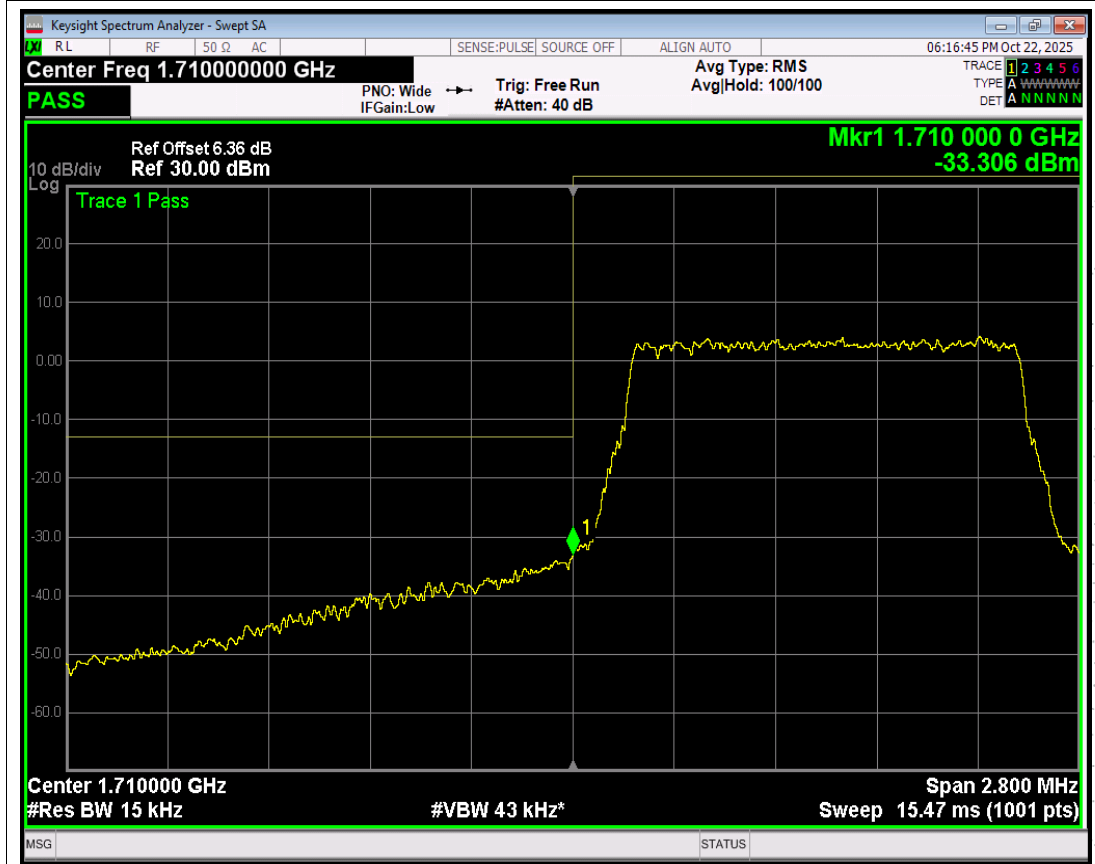
Appendix 5.Band edge

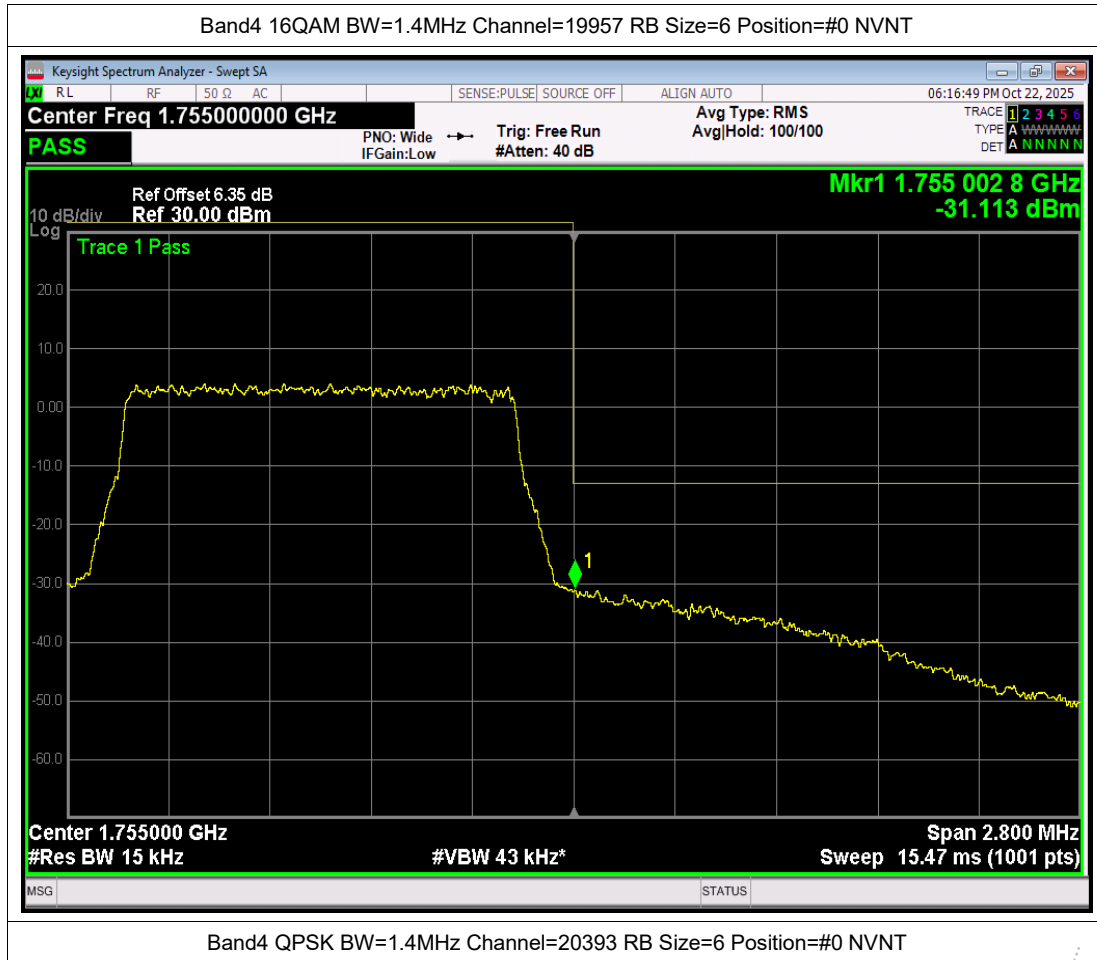
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band4	1.4	19957	6	#0	QPSK	1709.97	-29.41	-13	PASS
				6	#0	16QAM	1710.00	-33.30	-13	PASS
			20393	6	#0	QPSK	1755.00	-31.11	-13	PASS
				6	#0	16QAM	1755.01	-35.99	-13	PASS
		3	19965	15	#0	QPSK	1710.00	-23.41	-13	PASS
				15	#0	16QAM	1710.00	-26.12	-13	PASS
			20385	15	#0	QPSK	1755.00	-26.13	-13	PASS
				15	#0	16QAM	1755.00	-26.96	-13	PASS
		5	19975	25	#0	QPSK	1709.99	-29.01	-13	PASS
				25	#0	16QAM	1710.00	-32.28	-13	PASS
			20375	25	#0	QPSK	1755.01	-29.80	-13	PASS
				25	#0	16QAM	1755.00	-32.70	-13	PASS
		10	20000	50	#0	QPSK	1710.00	-29.79	-13	PASS
				50	#0	16QAM	1710.00	-34.88	-13	PASS
			20350	50	#0	QPSK	1755.00	-29.23	-13	PASS
				50	#0	16QAM	1755.02	-33.72	-13	PASS
		15	20025	75	#0	QPSK	1709.34	-29.82	-13	PASS
				75	#0	16QAM	1709.94	-34.55	-13	PASS
			20325	75	#0	QPSK	1755.48	-27.31	-13	PASS
				75	#0	16QAM	1755.00	-32.96	-13	PASS
		20	20050	100	#0	QPSK	1710.00	-35.12	-13	PASS
				100	#0	16QAM	1710.00	-36.21	-13	PASS
			20300	100	#0	QPSK	1755.00	-29.34	-13	PASS
				100	#0	16QAM	1755.08	-34.16	-13	PASS





Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT

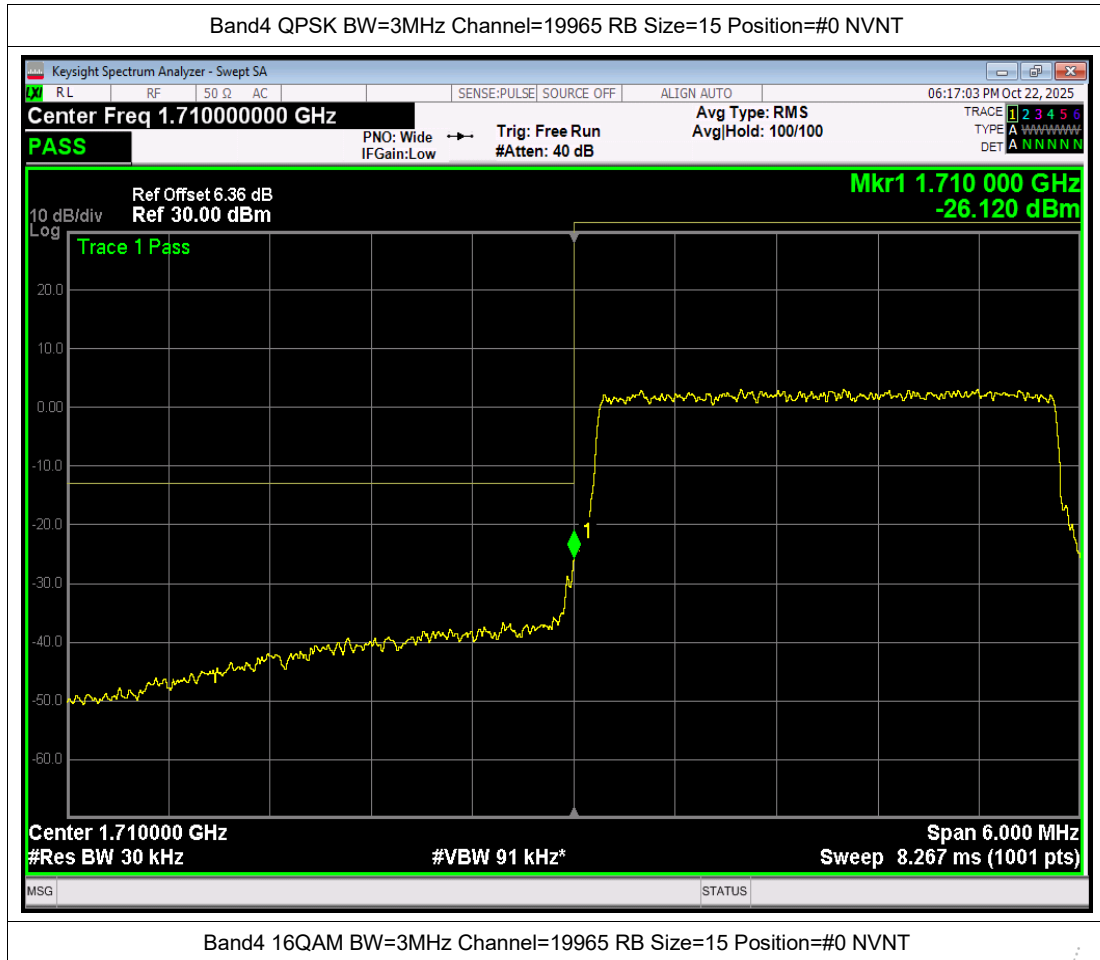






Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT

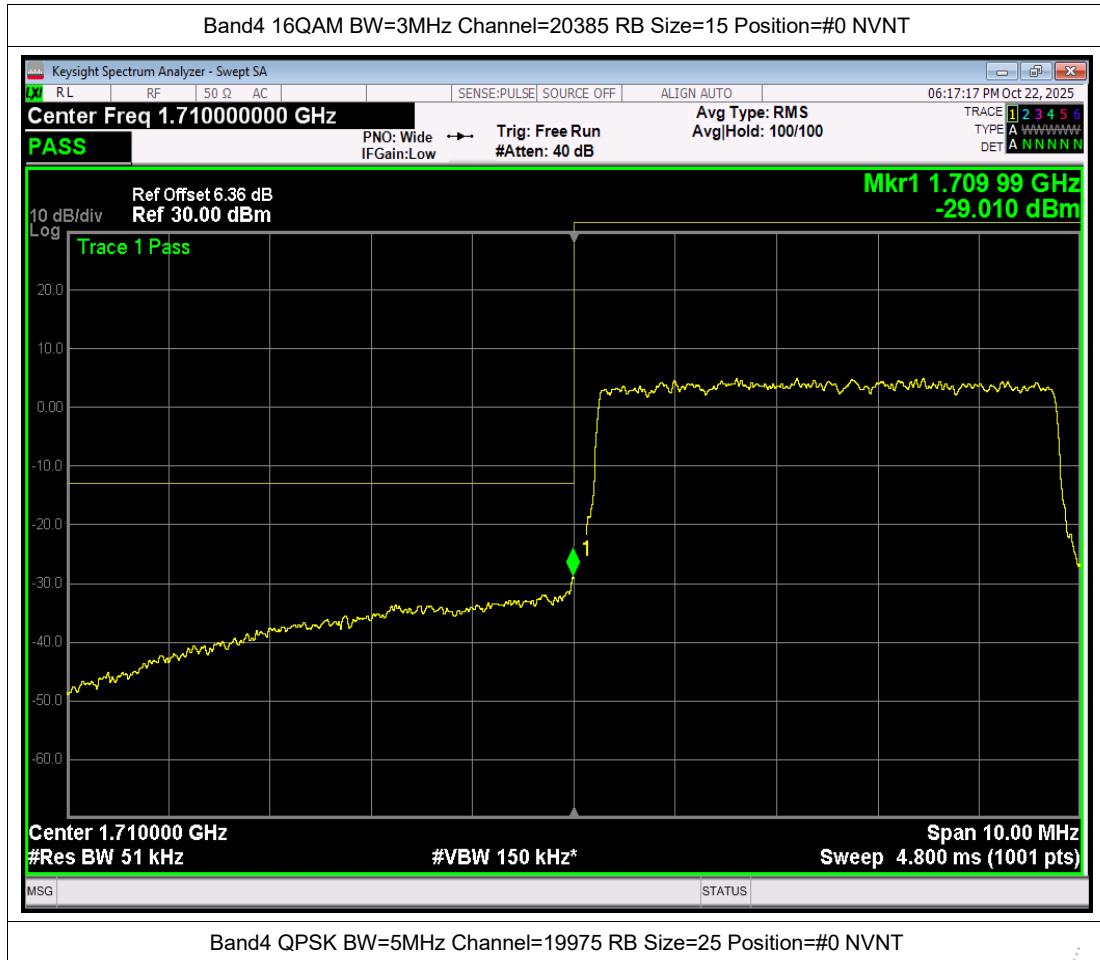


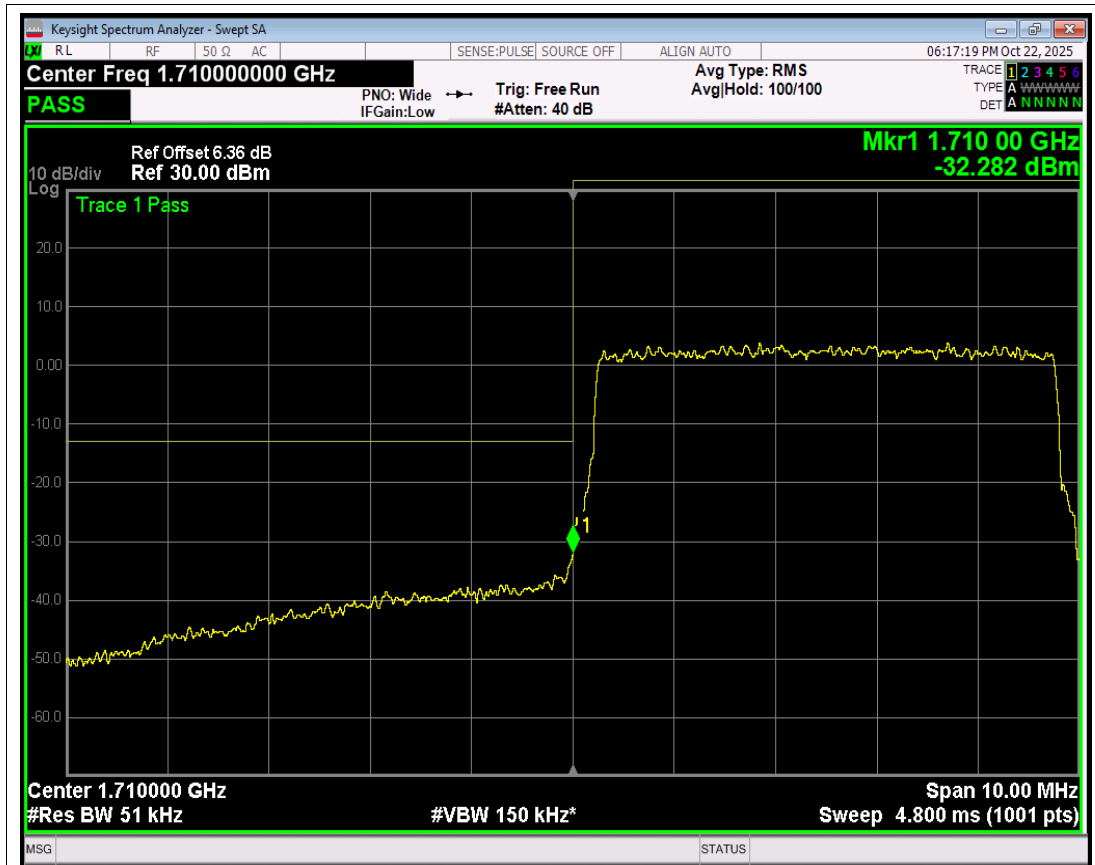




Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT

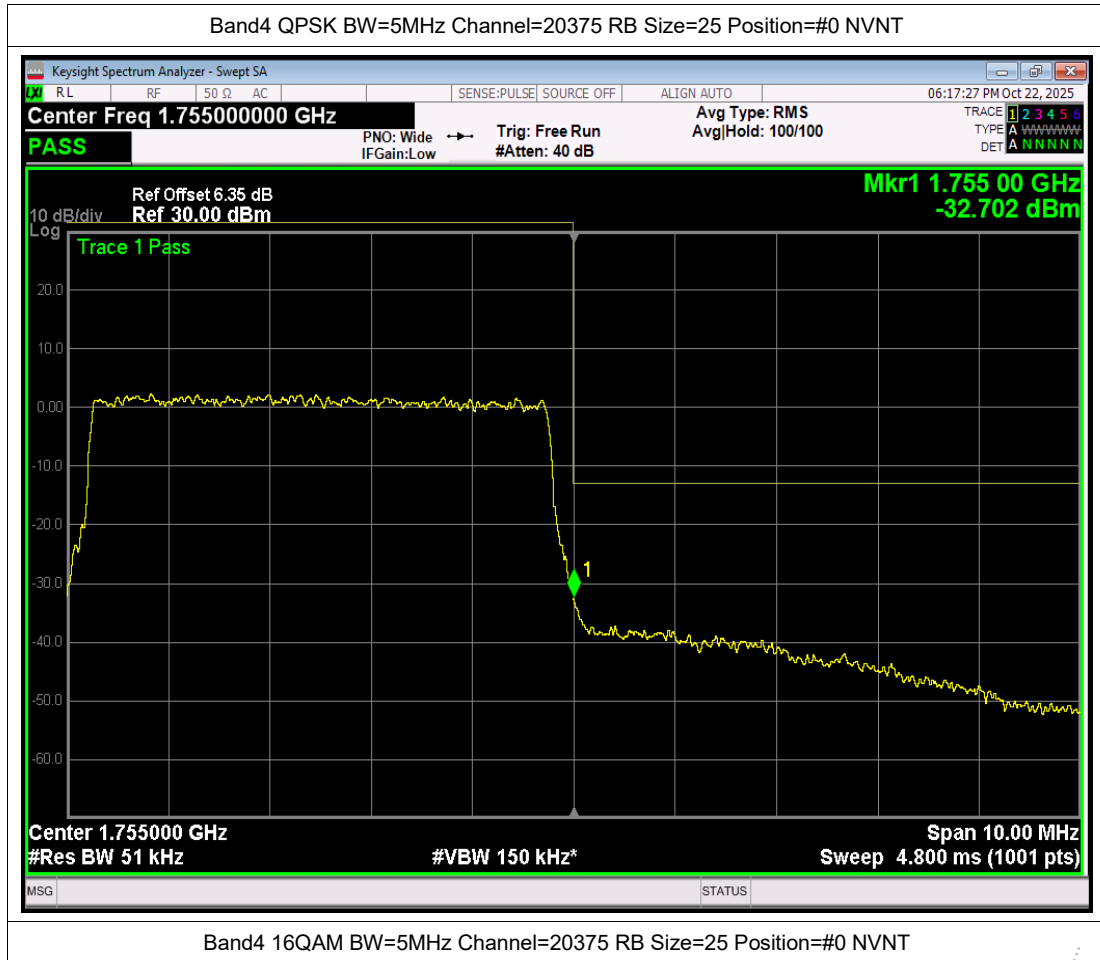


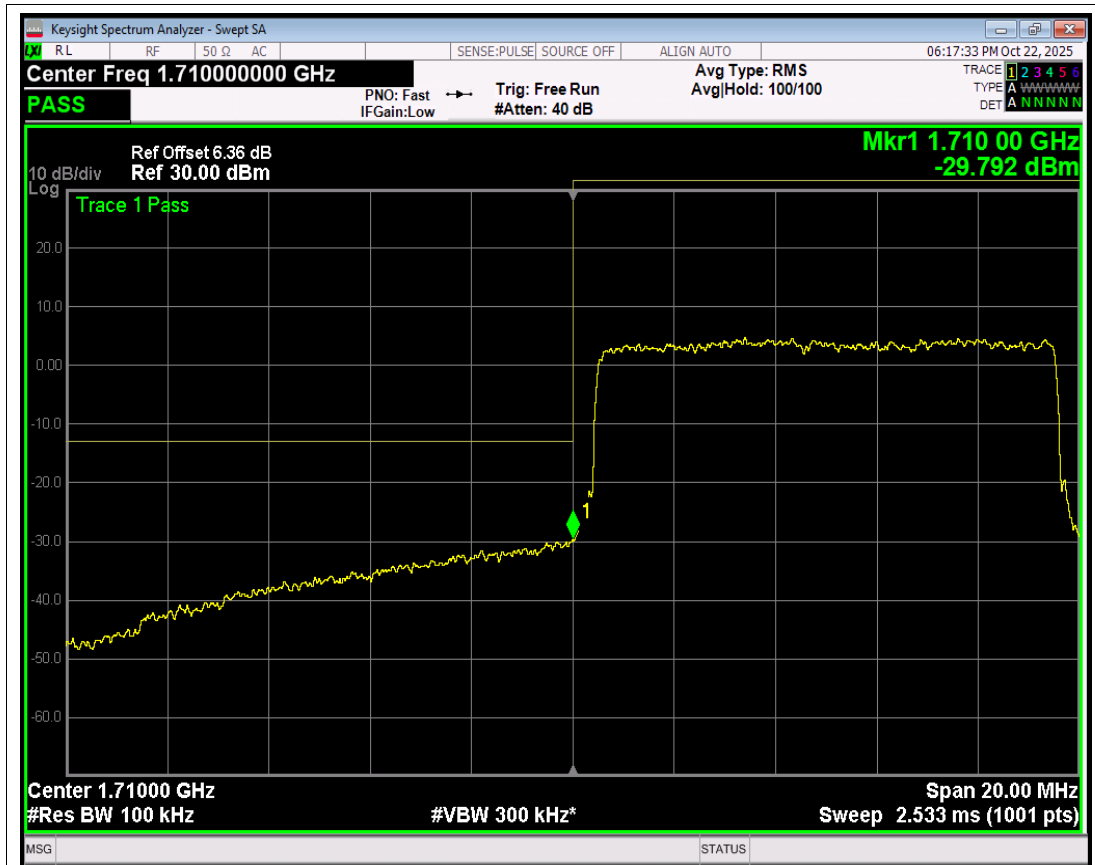




Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

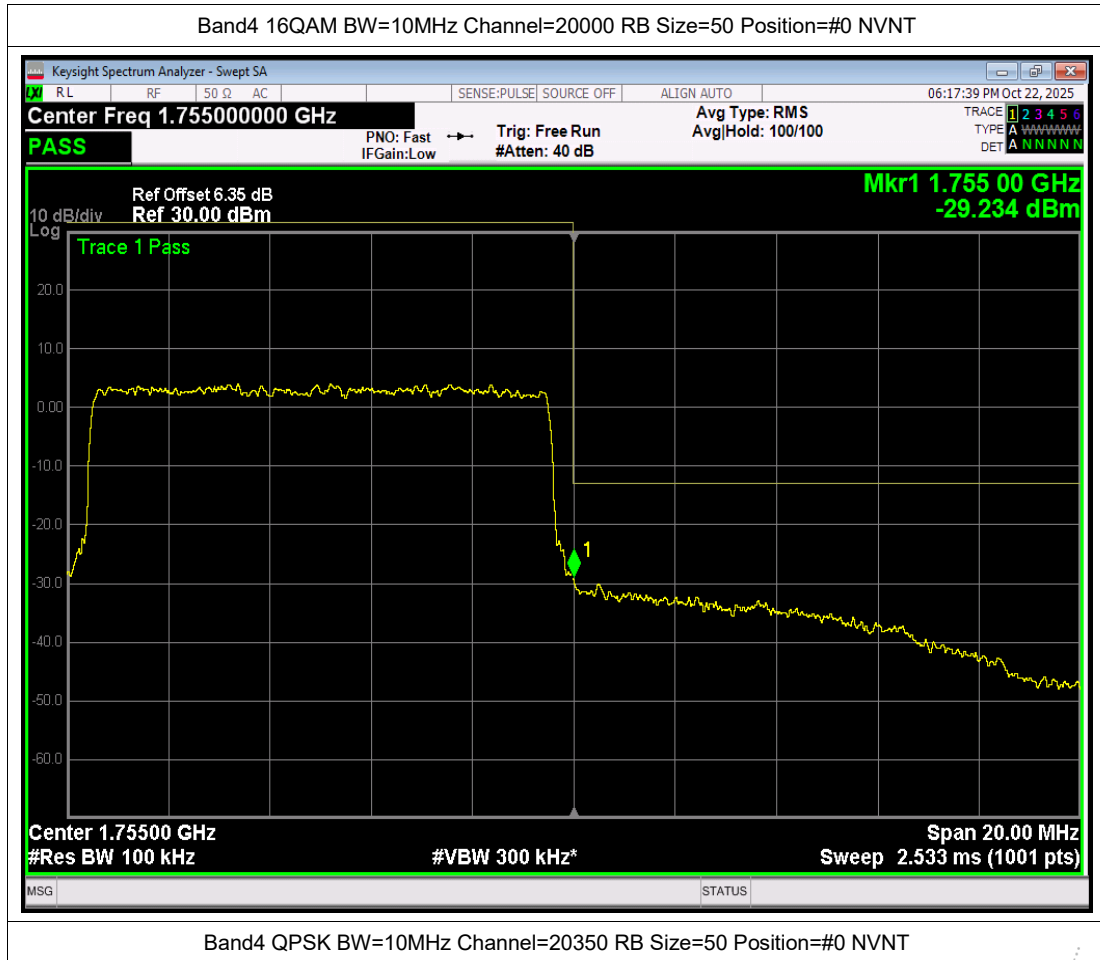


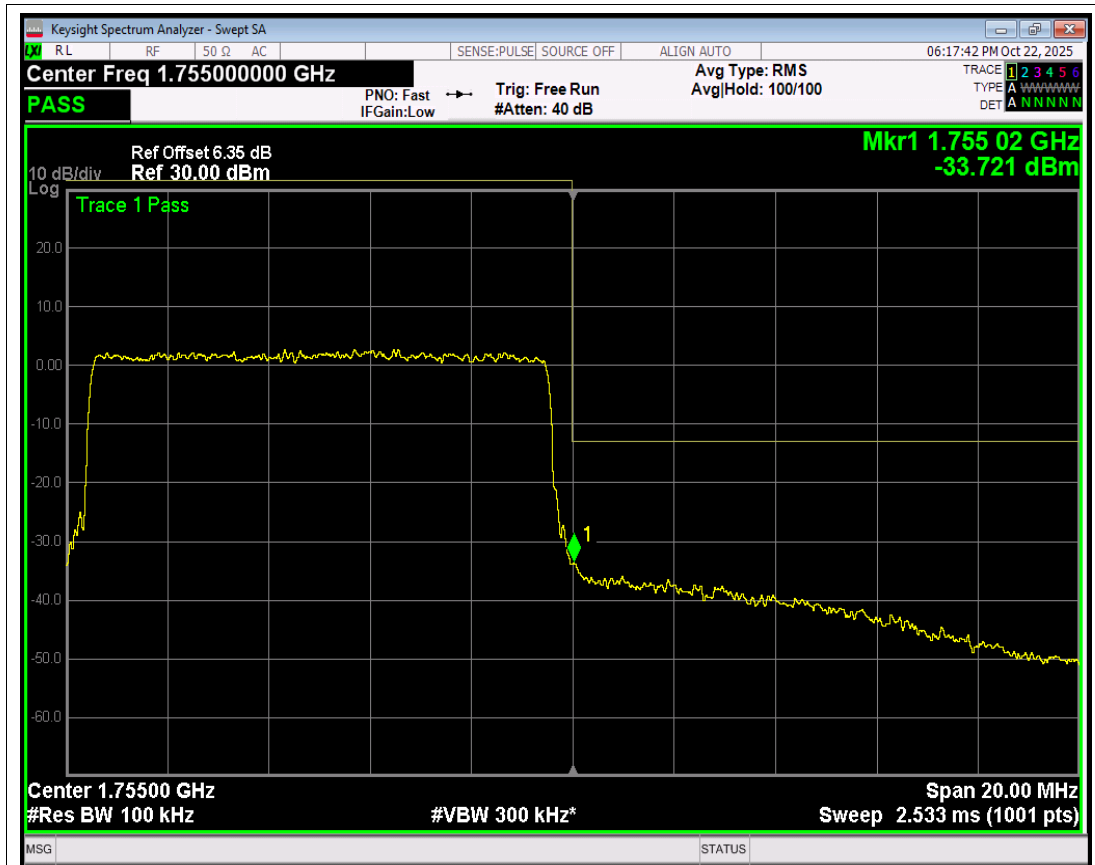




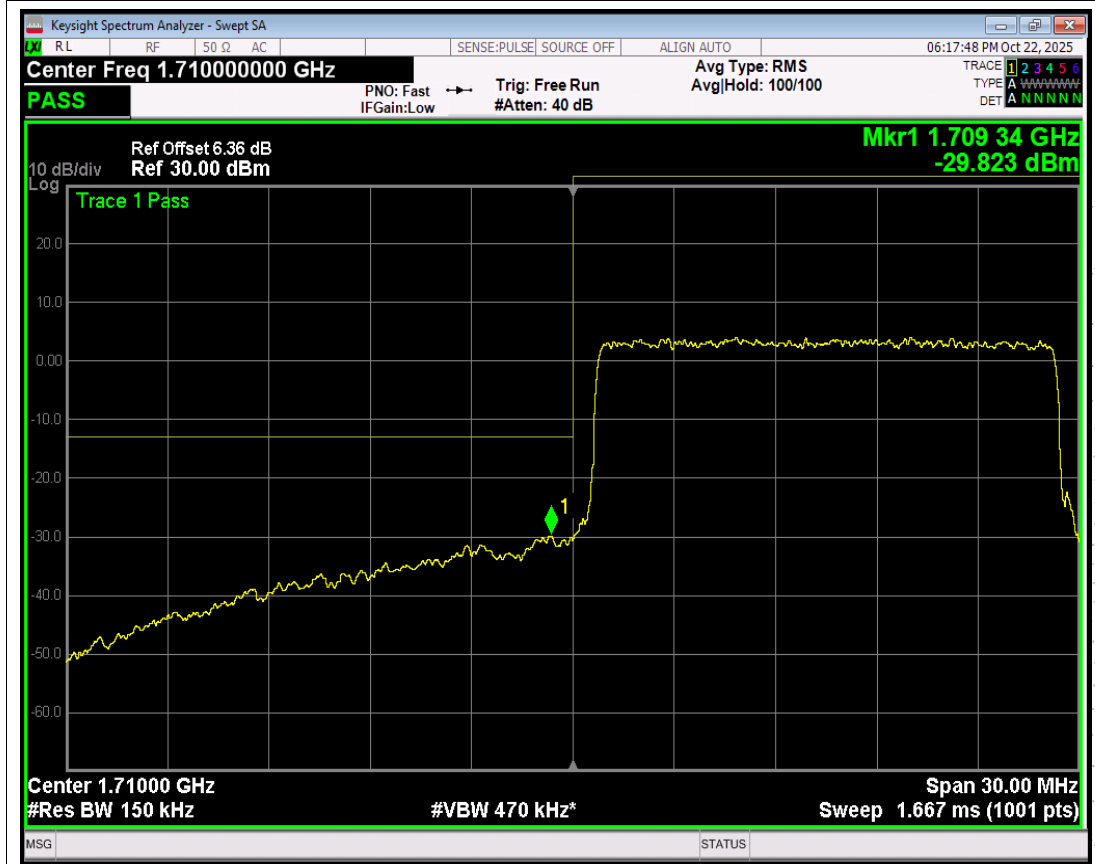
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT

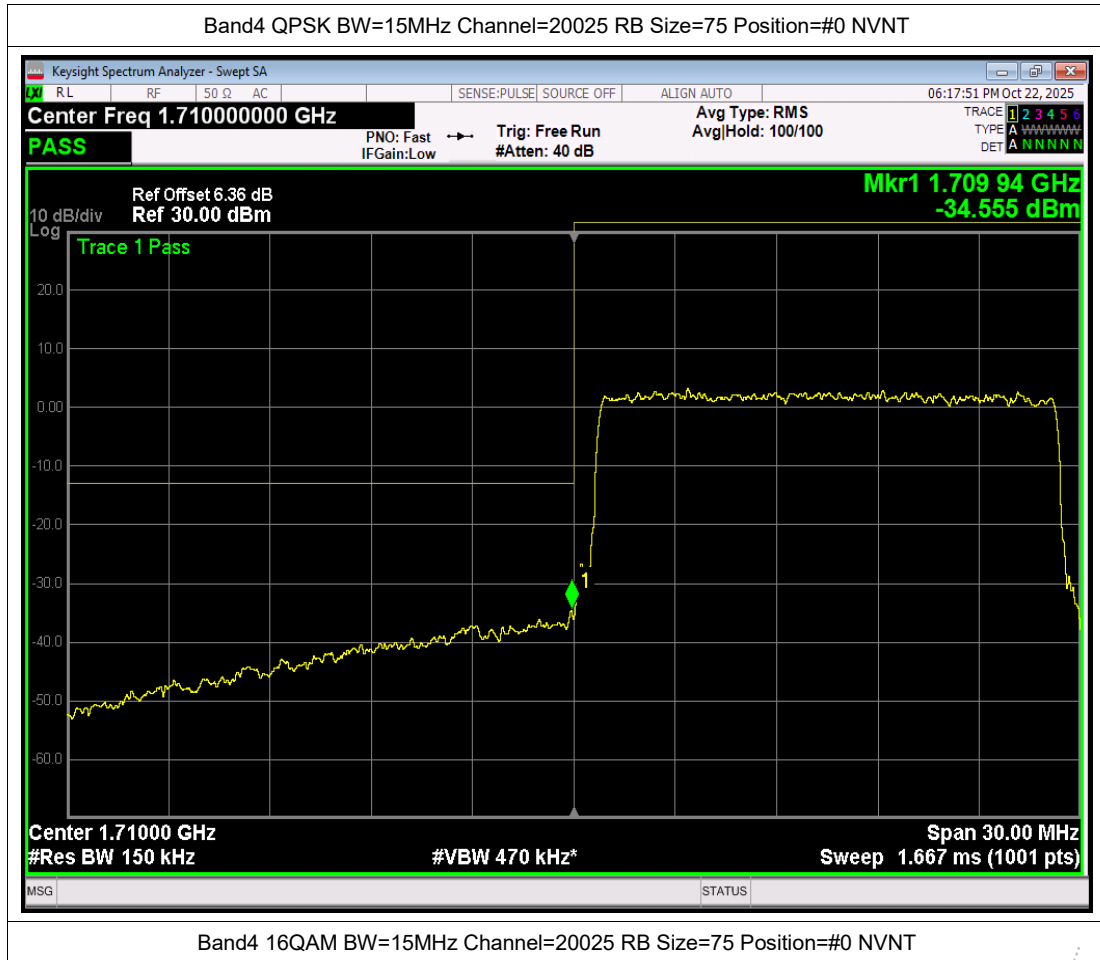






Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT

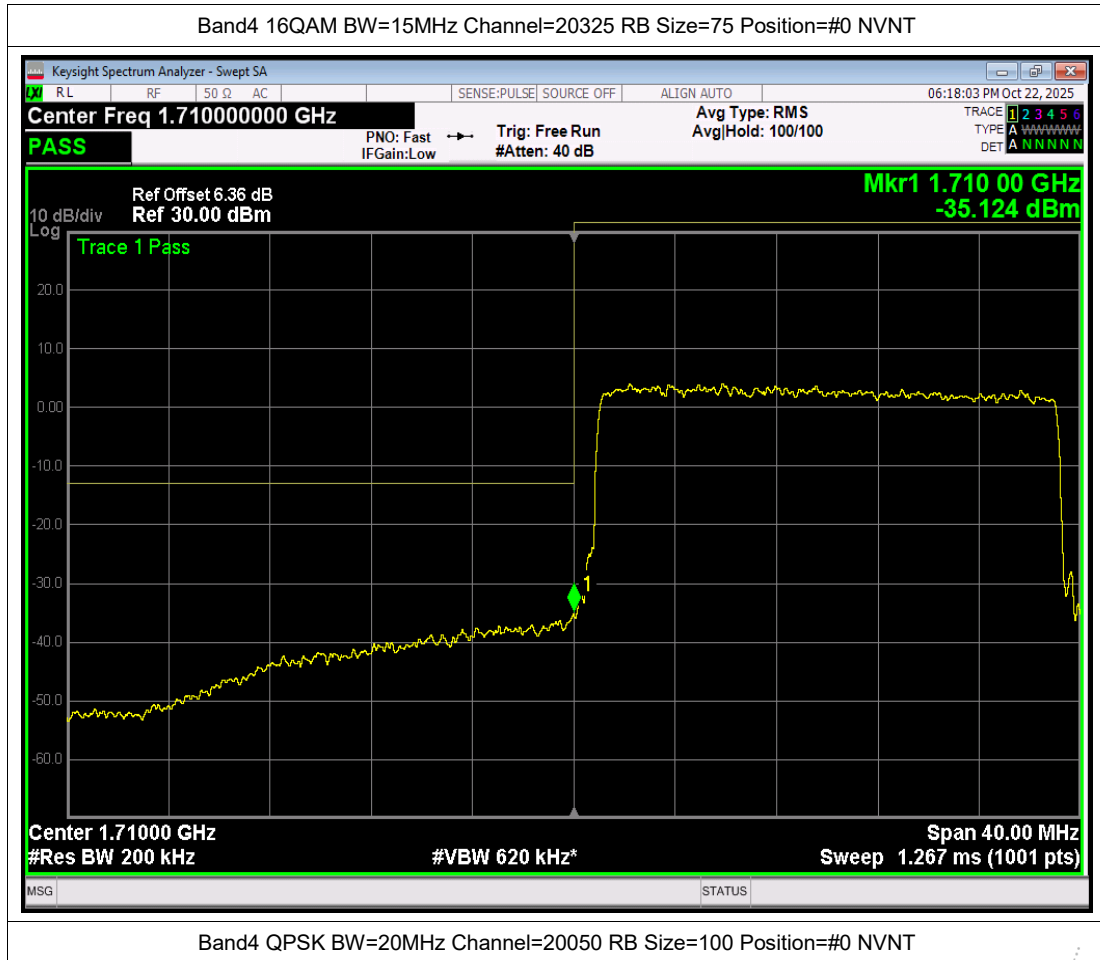


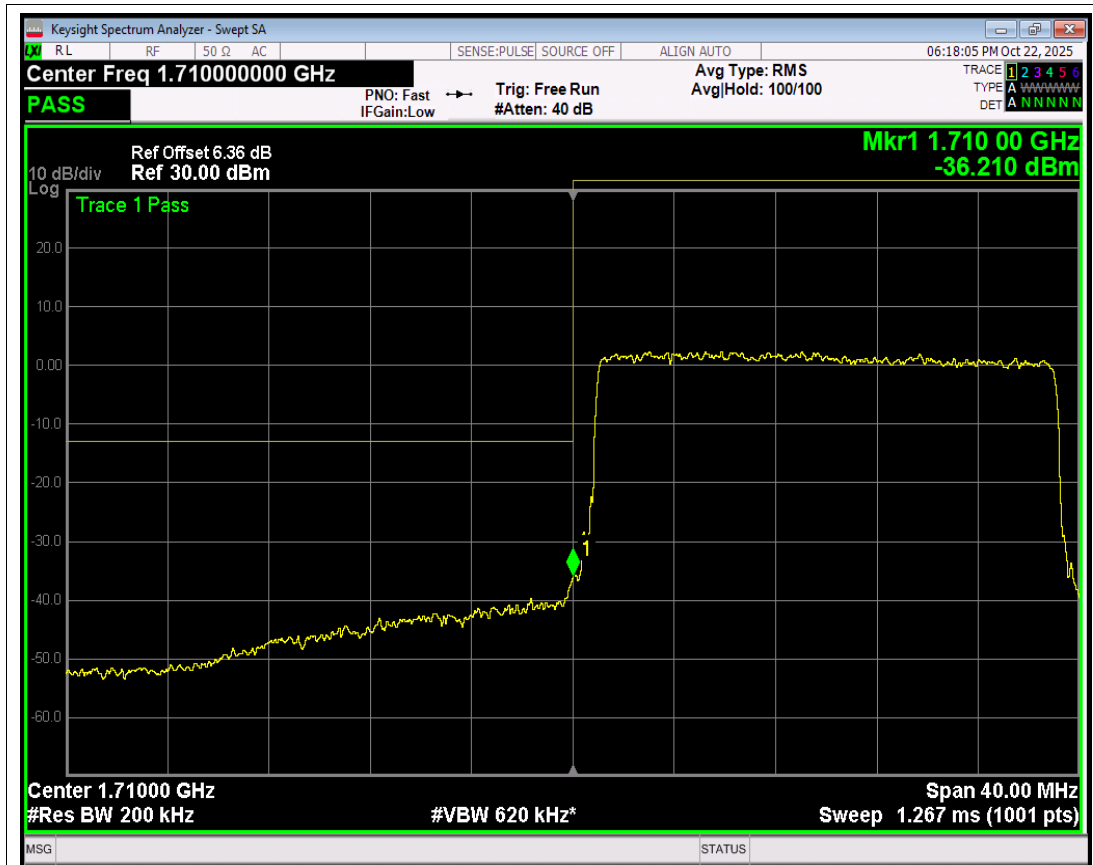




Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT

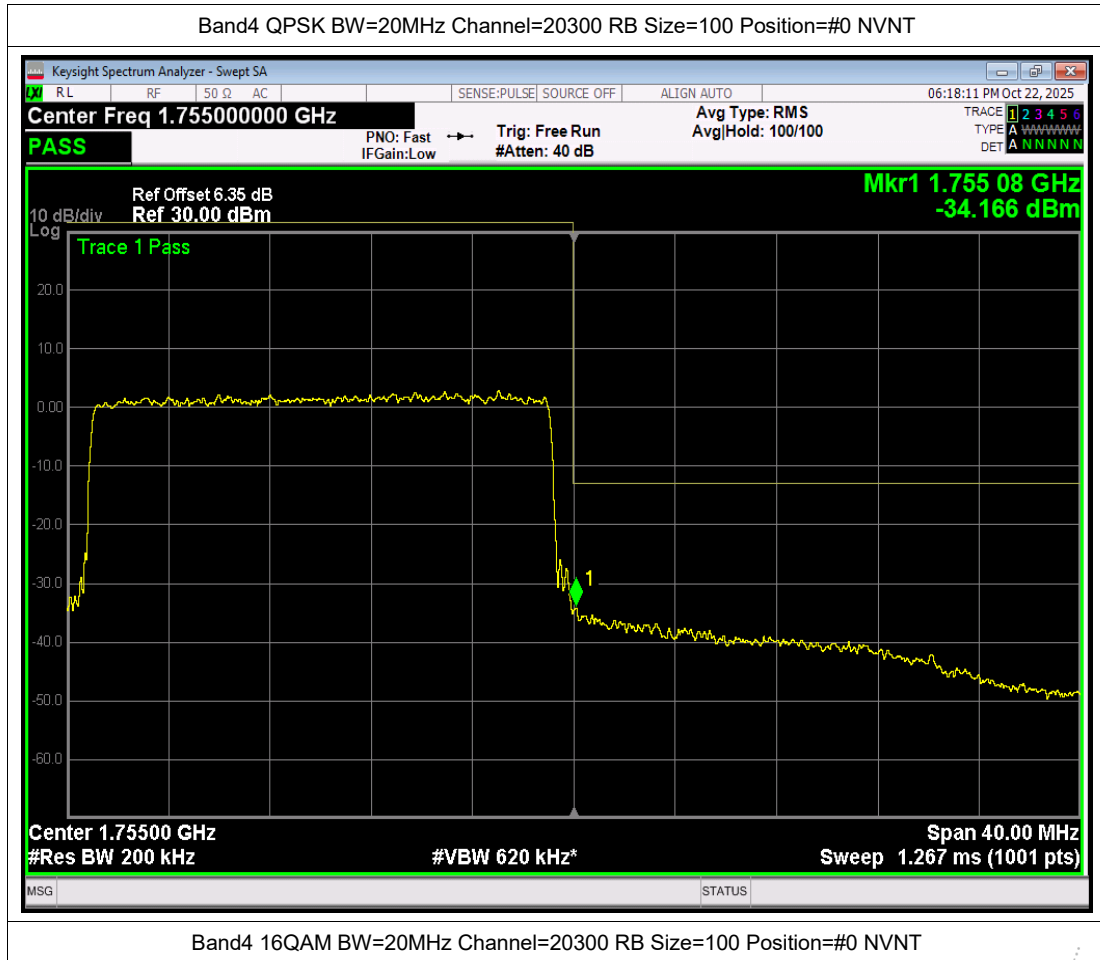






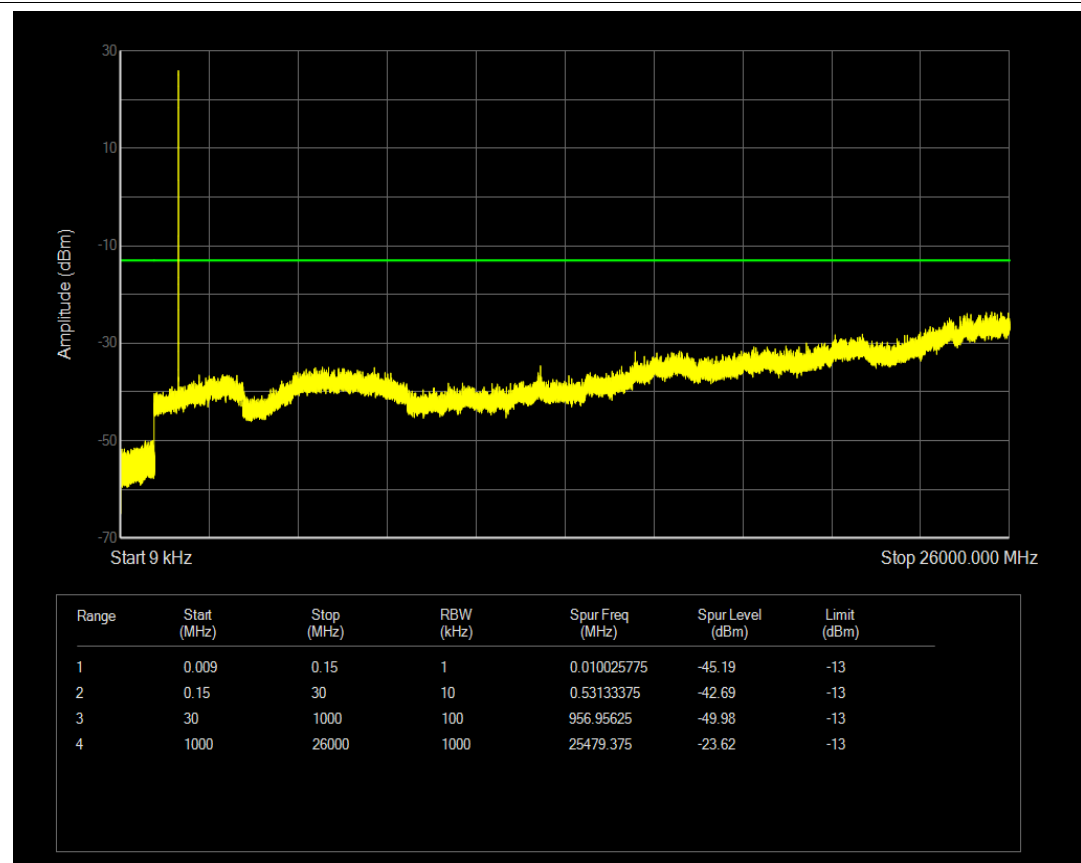
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



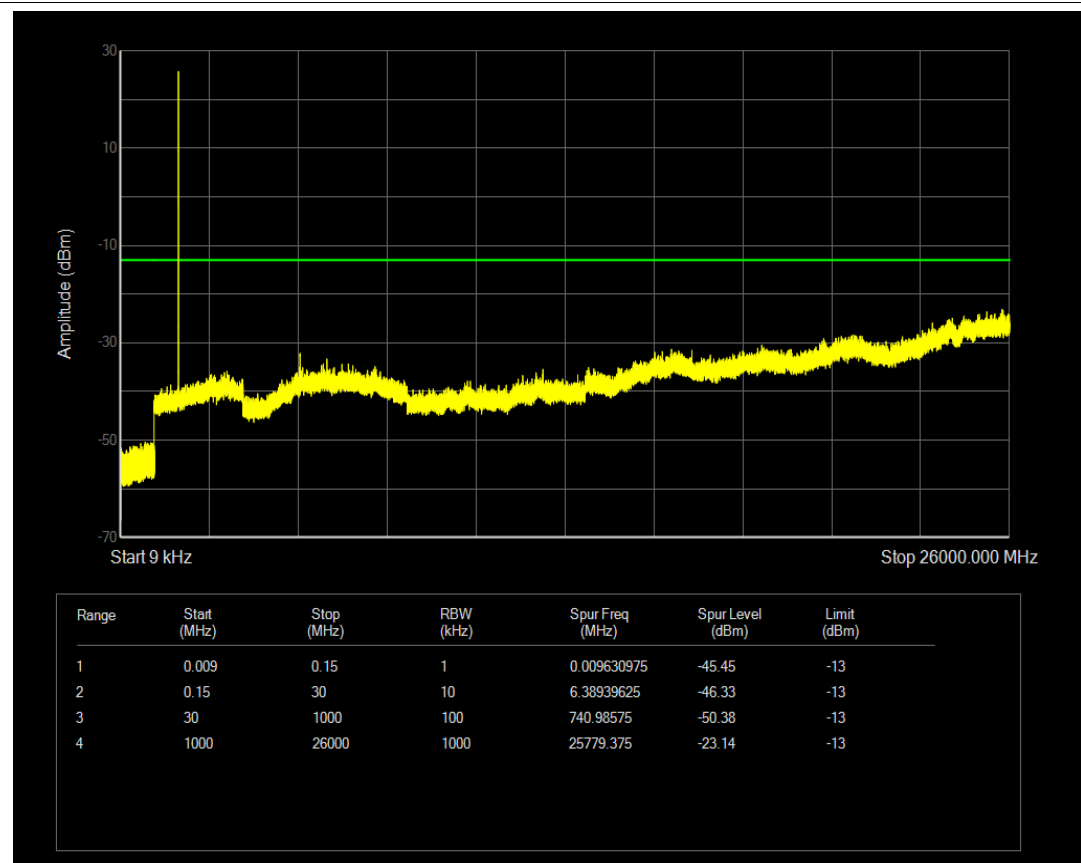


Appendix 6.Out-of-band emissions

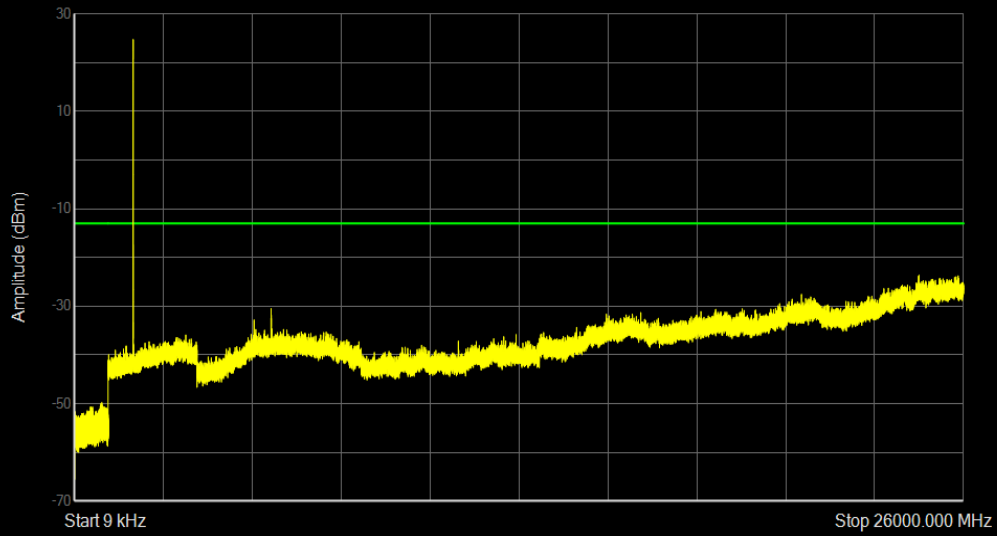
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band4	1.4	19957	6	#0	QPSK	25479.38	-23.62	-13	PASS
				6	#0	16QAM	25779.38	-23.14	-13	PASS
			20175	6	#0	QPSK	24701.88	-23.65	-13	PASS
				6	#0	16QAM	25291.25	-23.32	-13	PASS
			20393	6	#0	QPSK	25634.38	-23.78	-13	PASS
				6	#0	16QAM	25138.75	-23.75	-13	PASS
		3	19965	15	#0	QPSK	25771.25	-23.55	-13	PASS
				15	#0	16QAM	25114.38	-22.90	-13	PASS
			20175	15	#0	QPSK	25436.88	-23.27	-13	PASS
				15	#0	16QAM	25431.88	-23.69	-13	PASS
			20385	15	#0	QPSK	25777.50	-23.87	-13	PASS
				15	#0	16QAM	26000.00	-23.99	-13	PASS
		5	19975	25	#0	QPSK	25683.75	-23.41	-13	PASS
				25	#0	16QAM	25535.00	-24.07	-13	PASS
			20175	25	#0	QPSK	25447.50	-23.51	-13	PASS
				25	#0	16QAM	25055.00	-23.38	-13	PASS
			20375	25	#0	QPSK	25629.38	-23.64	-13	PASS
				25	#0	16QAM	25743.13	-23.89	-13	PASS
		10	20000	50	#0	QPSK	25165.00	-22.98	-13	PASS
				50	#0	16QAM	25846.88	-23.71	-13	PASS
			20175	50	#0	QPSK	25451.88	-23.16	-13	PASS
				50	#0	16QAM	25703.13	-23.42	-13	PASS
			20350	50	#0	QPSK	24866.25	-23.20	-13	PASS
				50	#0	16QAM	24798.75	-23.69	-13	PASS
		15	20025	75	#0	QPSK	25650.00	-23.30	-13	PASS
				75	#0	16QAM	25802.50	-23.55	-13	PASS
			20175	75	#0	QPSK	24987.50	-23.10	-13	PASS
				75	#0	16QAM	25773.75	-23.38	-13	PASS
			20325	75	#0	QPSK	25280.00	-23.45	-13	PASS
				75	#0	16QAM	25086.25	-23.12	-13	PASS
		20	20050	100	#0	QPSK	25605.63	-23.75	-13	PASS
				100	#0	16QAM	25893.75	-23.97	-13	PASS
			20175	100	#0	QPSK	25846.88	-23.34	-13	PASS
				100	#0	16QAM	25465.00	-22.51	-13	PASS
			20300	100	#0	QPSK	25772.50	-23.29	-13	PASS
				100	#0	16QAM	25222.50	-23.84	-13	PASS



Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT

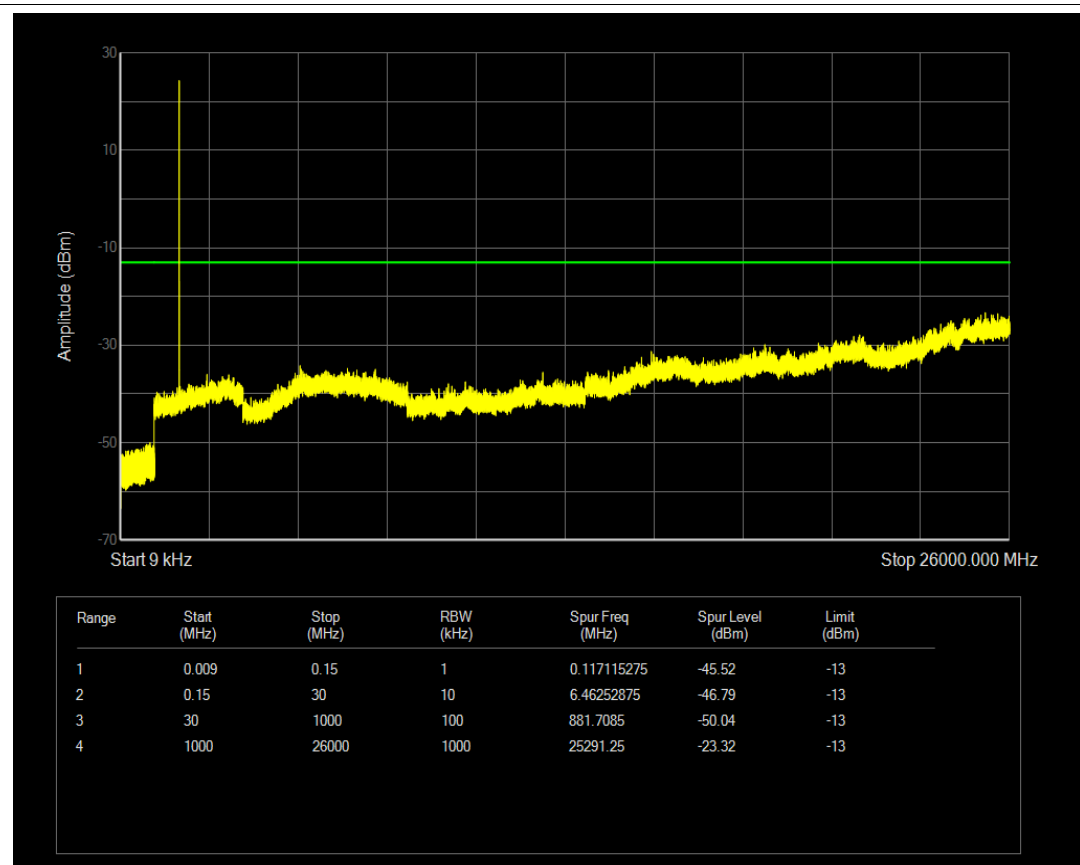


Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT

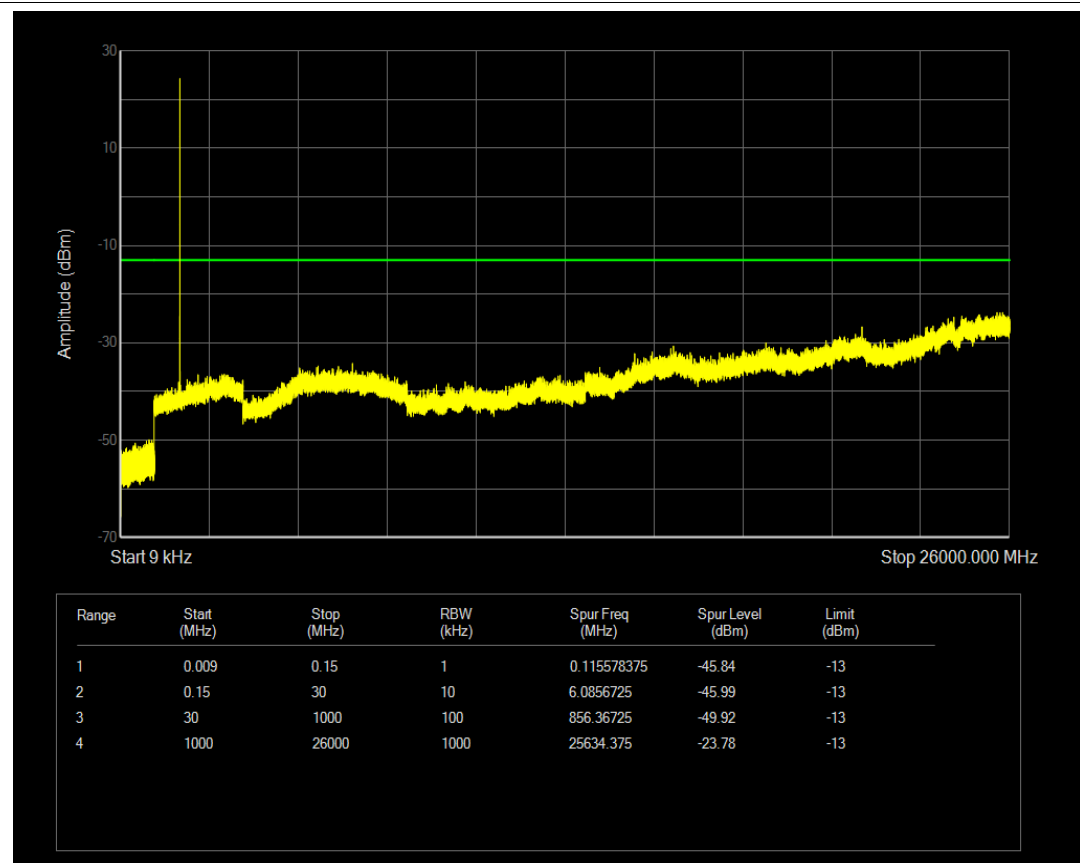


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009433575	-44.27	-13
2	0.15	30	10	6.10582125	-44.47	-13
3	30	1000	100	818.53725	-49.79	-13
4	1000	26000	1000	24701.875	-23.65	-13

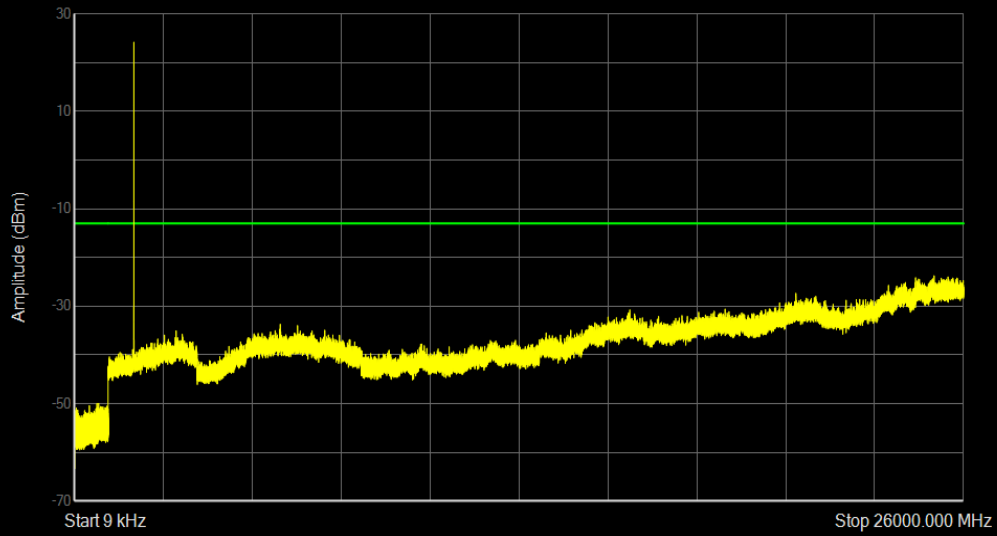
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT



Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT

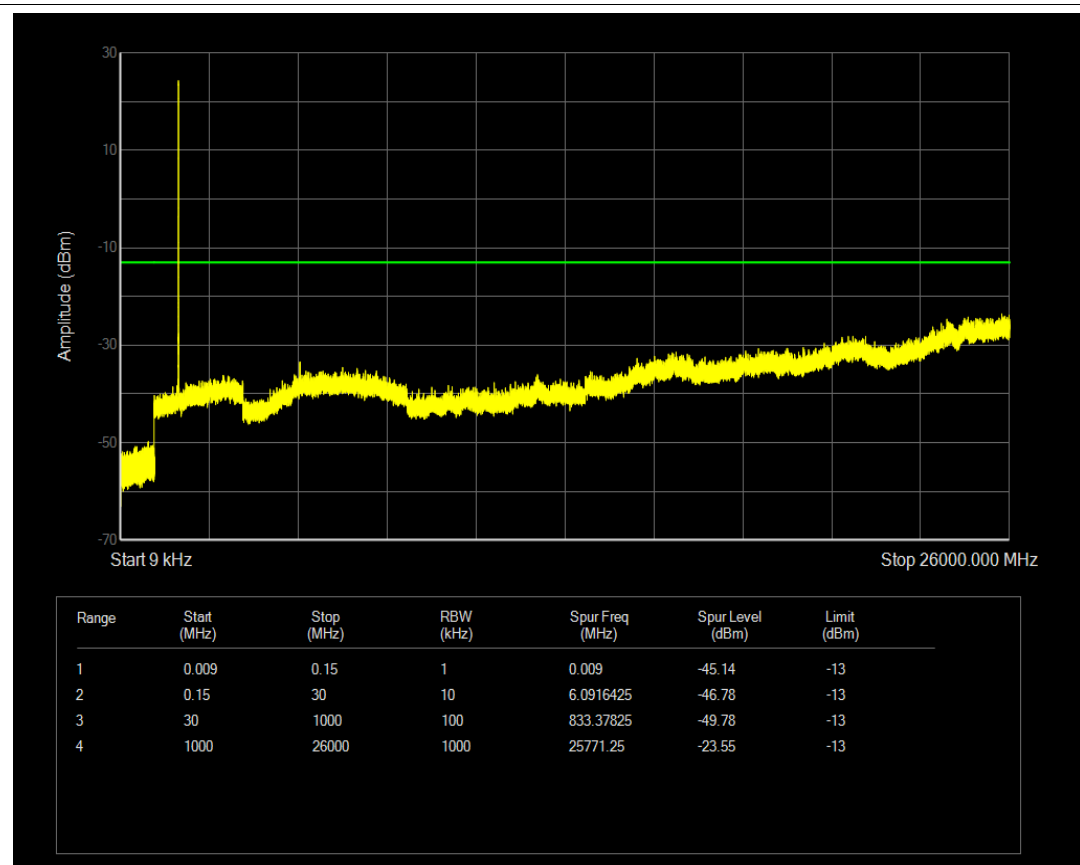


Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT

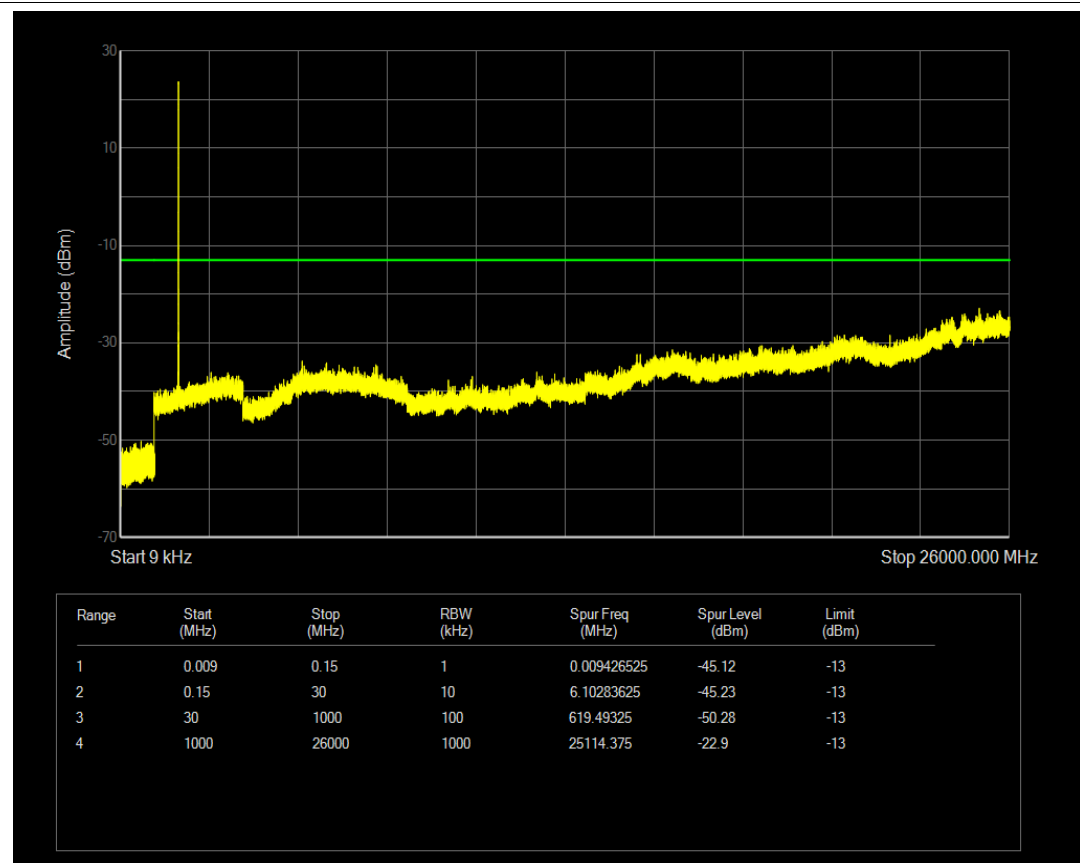


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00916215	-43.28	-13
2	0.15	30	10	6.0737325	-45.99	-13
3	30	1000	100	726.38725	-49.95	-13
4	1000	26000	1000	25138.75	-23.75	-13

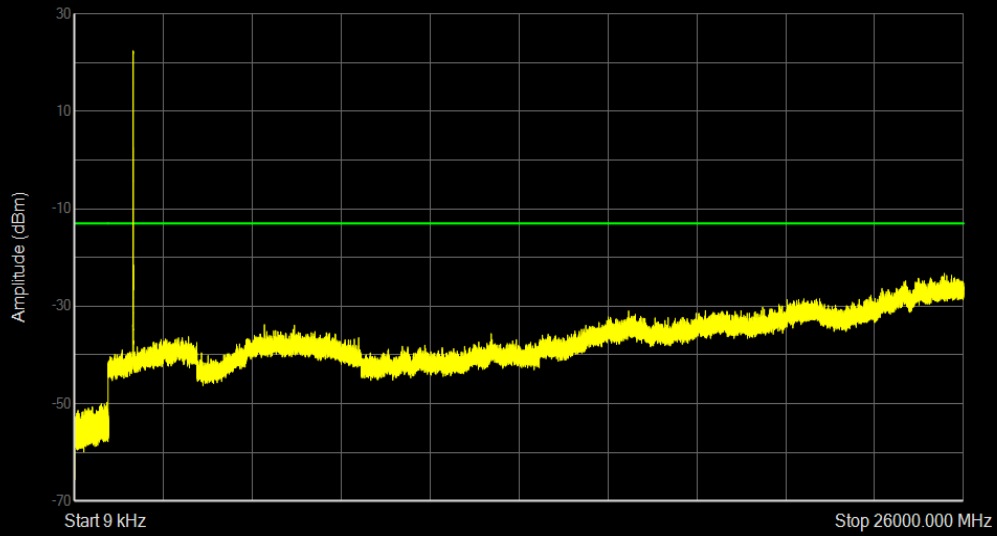
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT

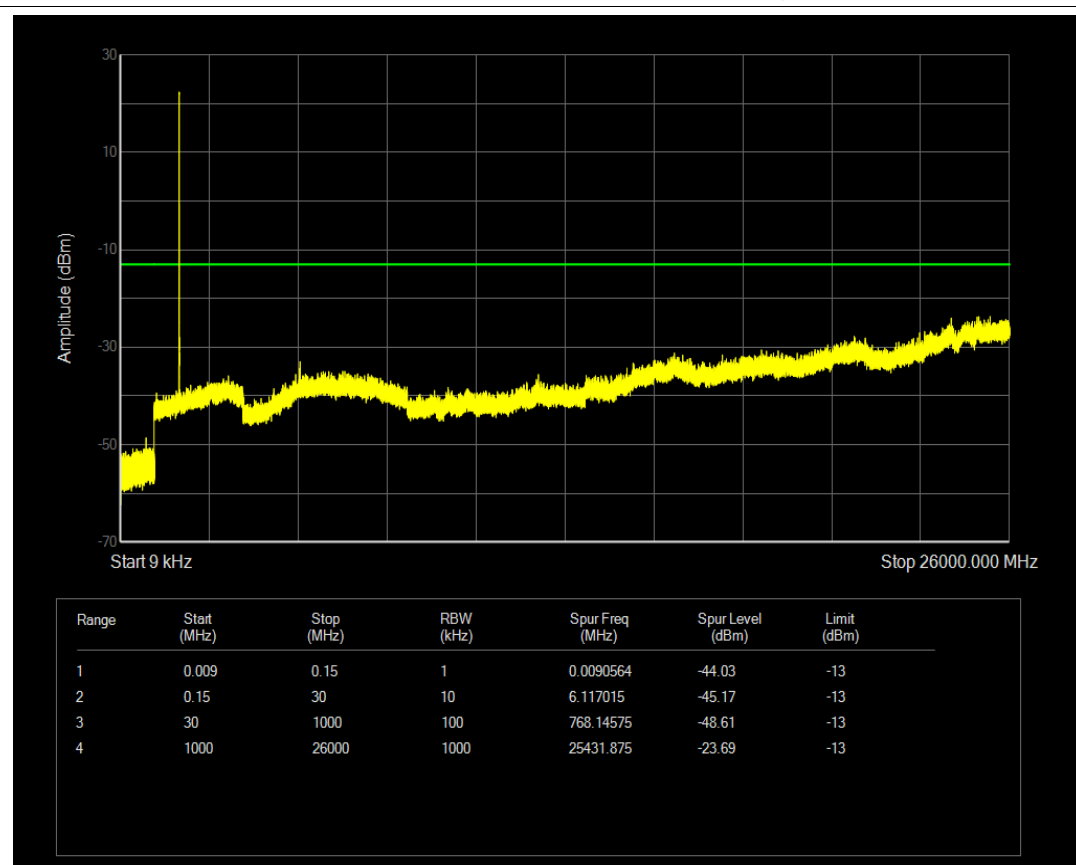


Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT

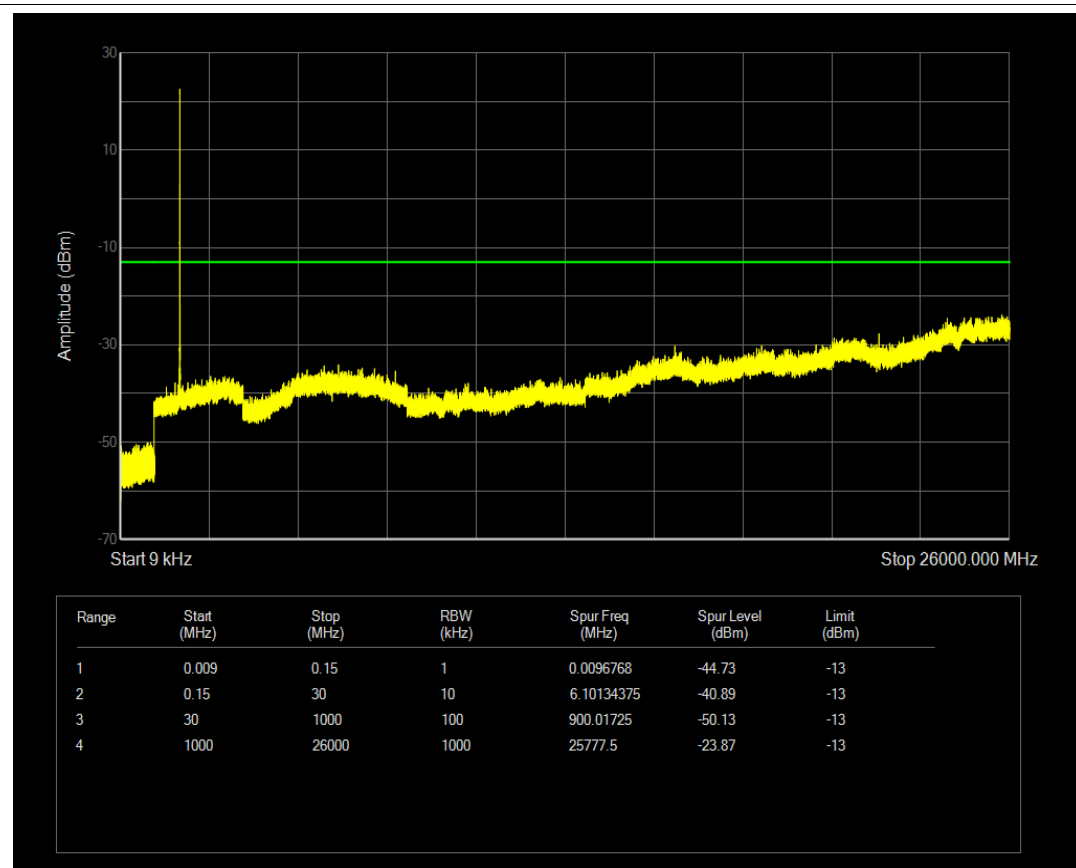


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092115	-43.32	-13
2	0.15	30	10	5.82224625	-47.4	-13
3	30	1000	100	967.23825	-49.78	-13
4	1000	26000	1000	25436.875	-23.27	-13

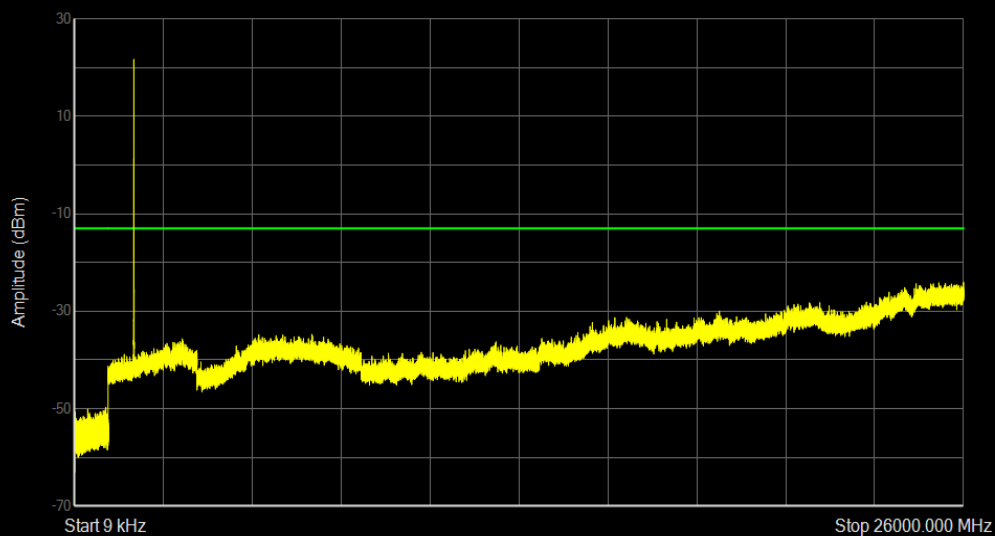
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT



Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT

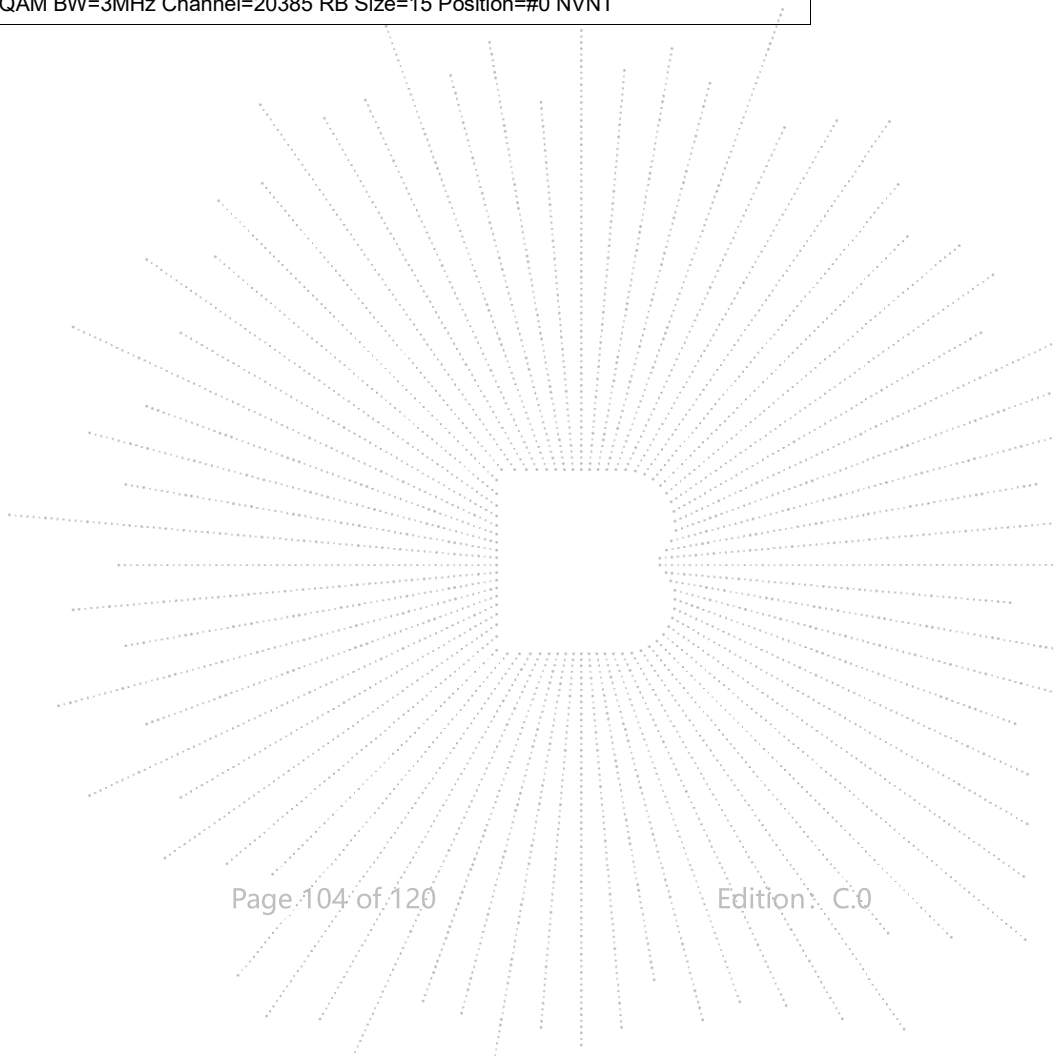


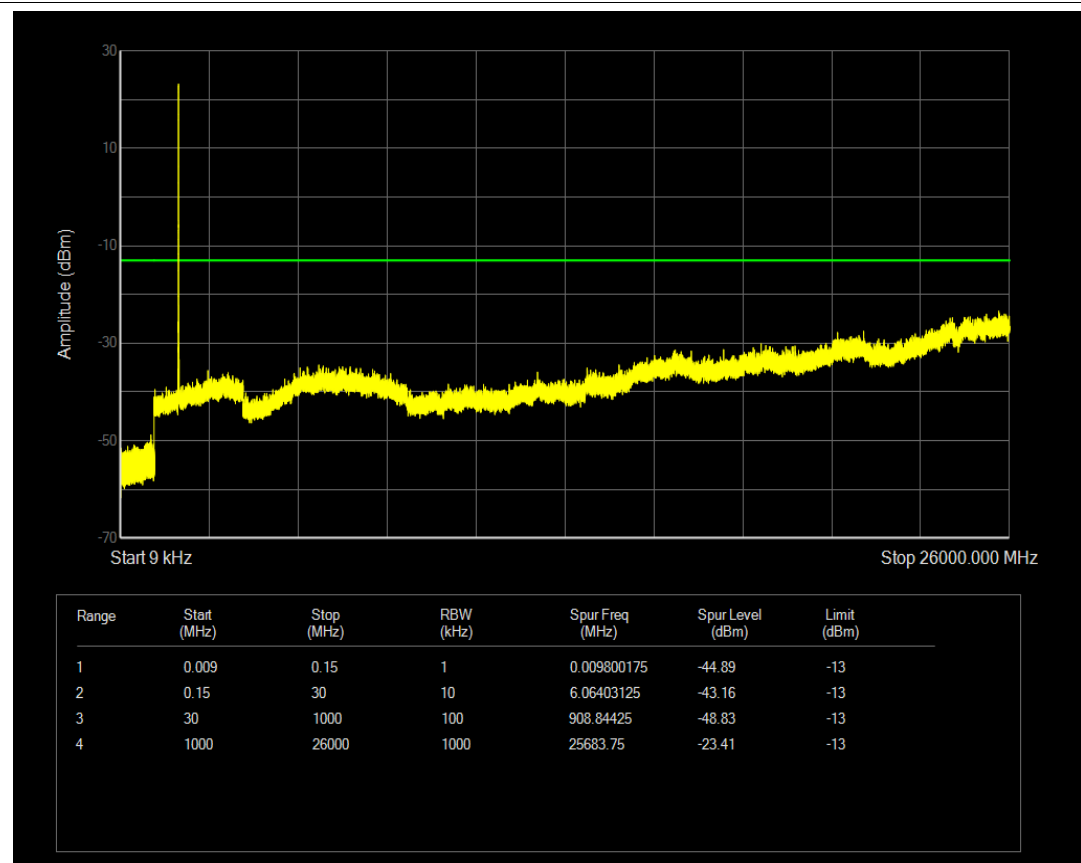
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



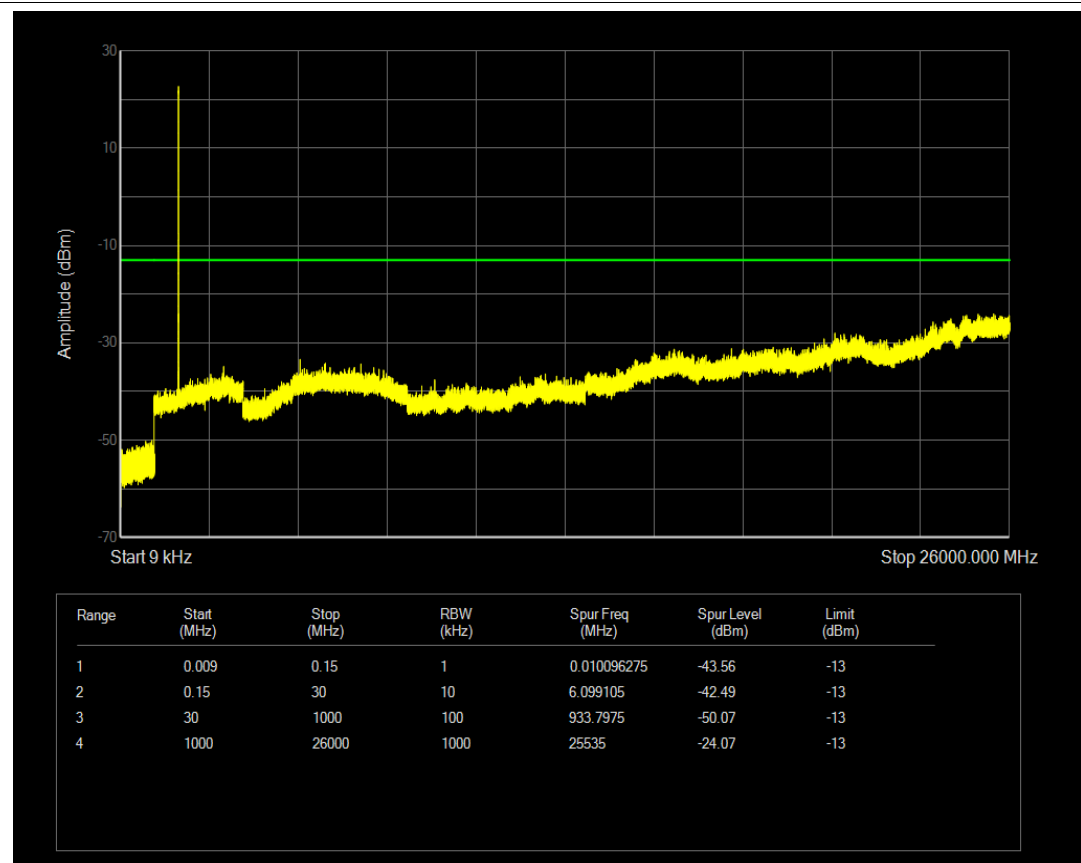
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009729675	-44.45	-13
2	0.15	30	10	6.56103375	-42.56	-13
3	30	1000	100	934.04	-49.73	-13
4	1000	26000	1000	26000	-23.99	-13

Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT

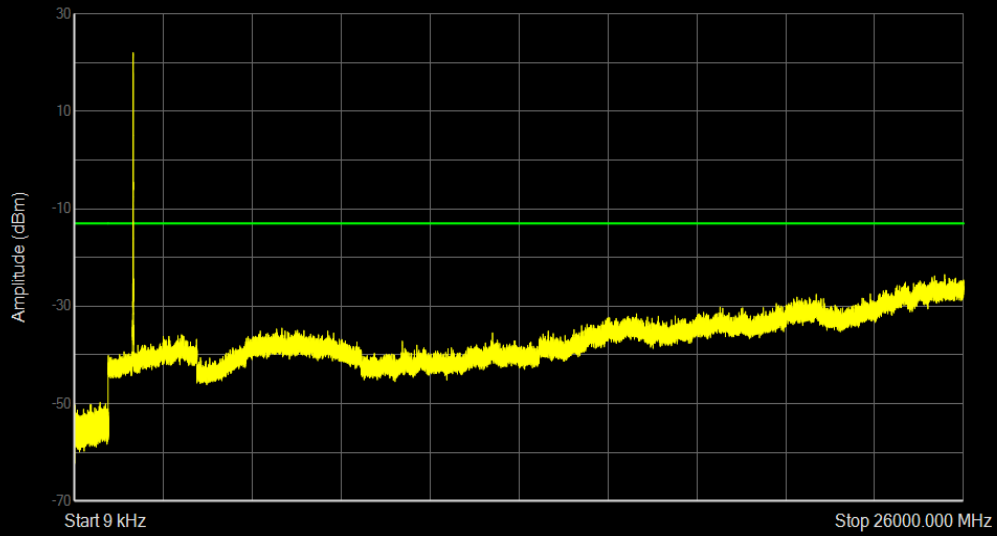




Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

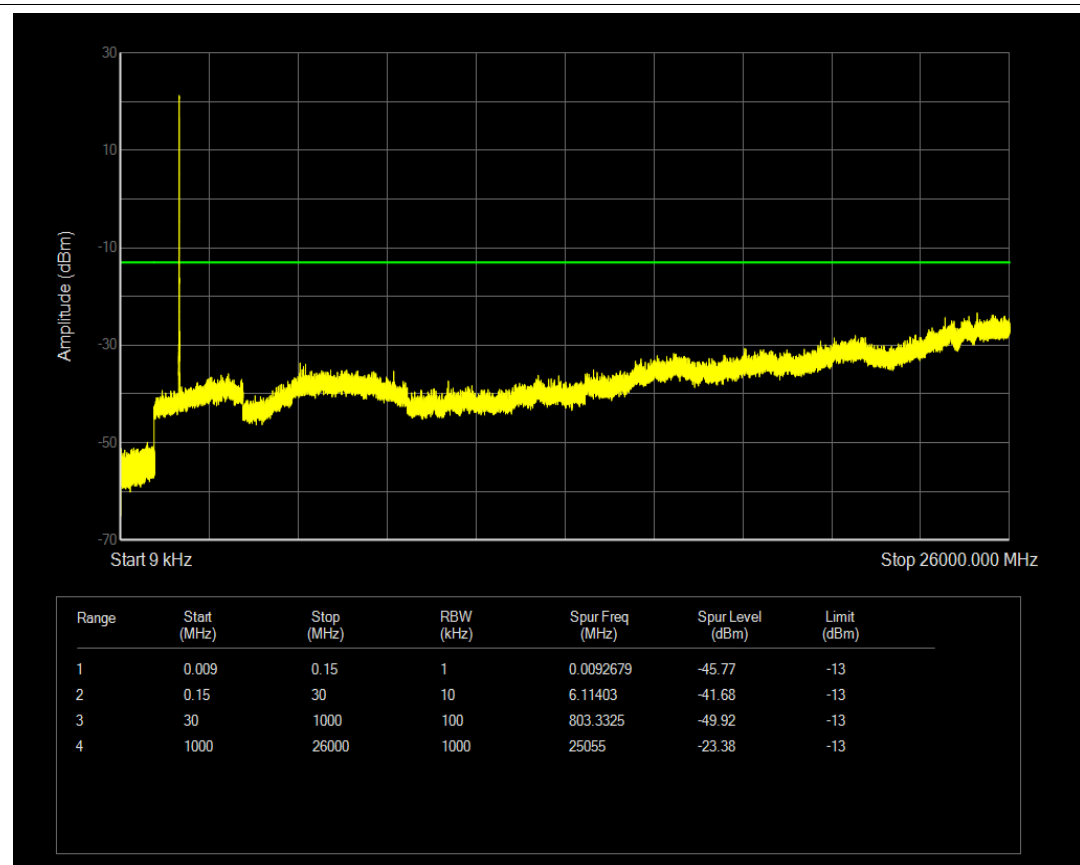


Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

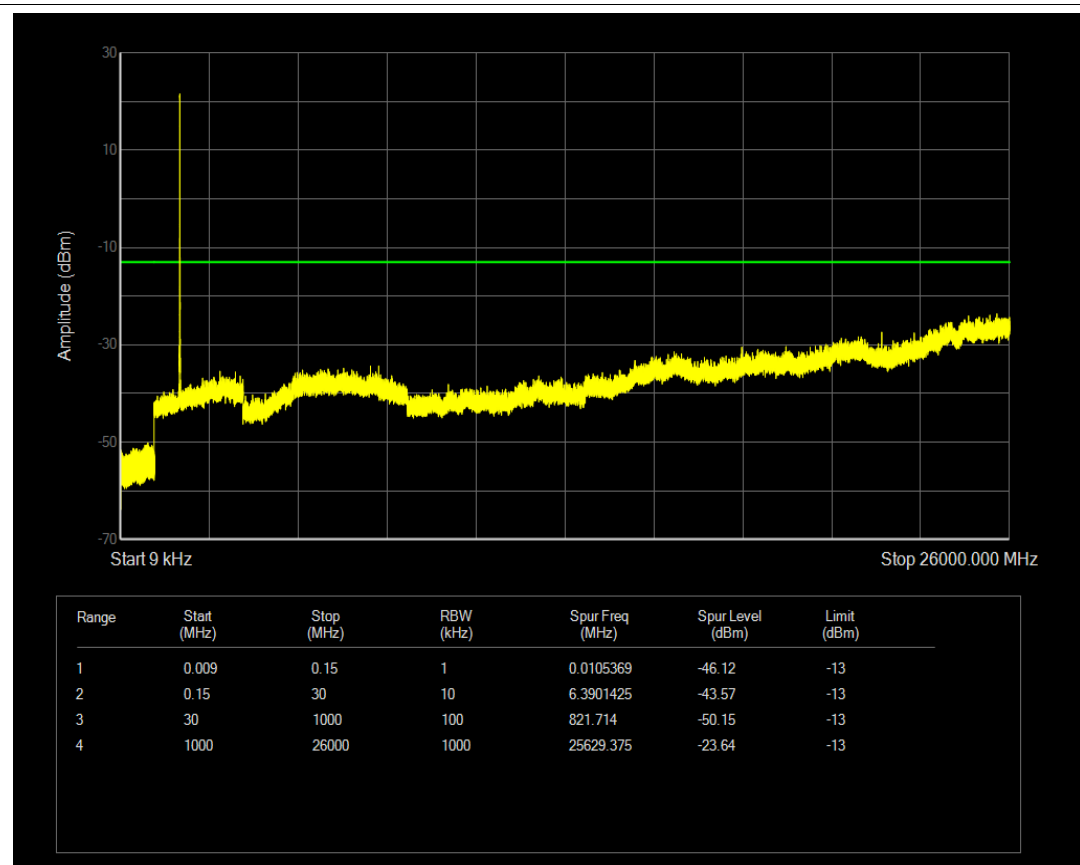


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.116854425	-45.7	-13
2	0.15	30	10	6.11328375	-42.02	-13
3	30	1000	100	767.75775	-49.79	-13
4	1000	26000	1000	25447.5	-23.51	-13

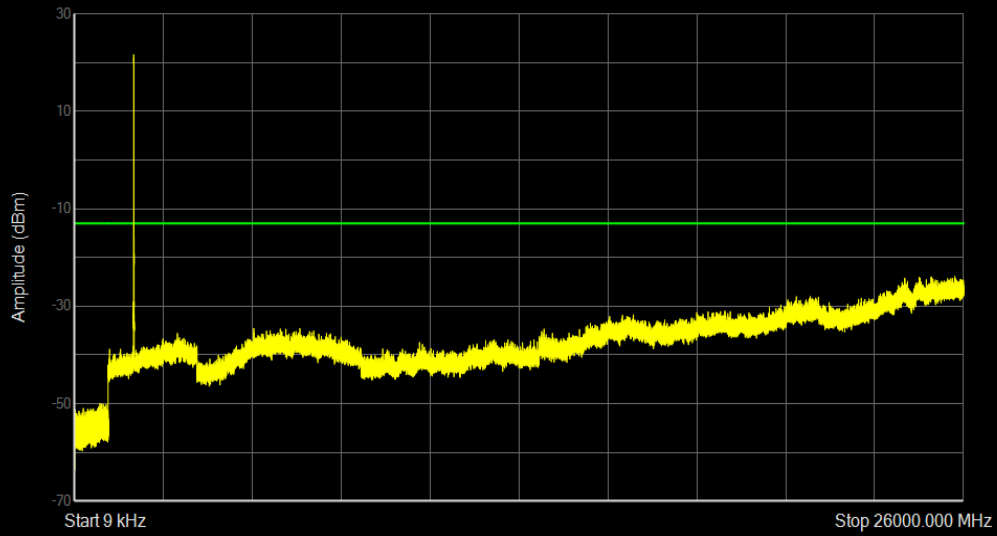
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT



Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT

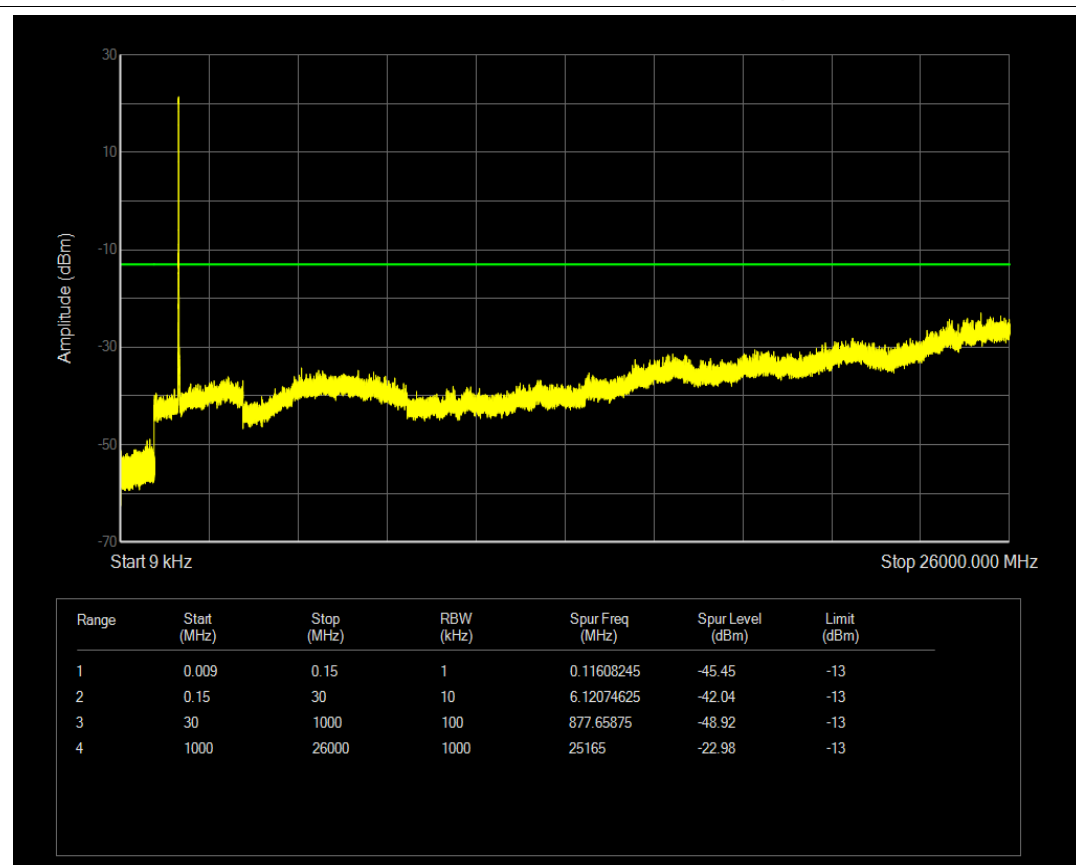


Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT

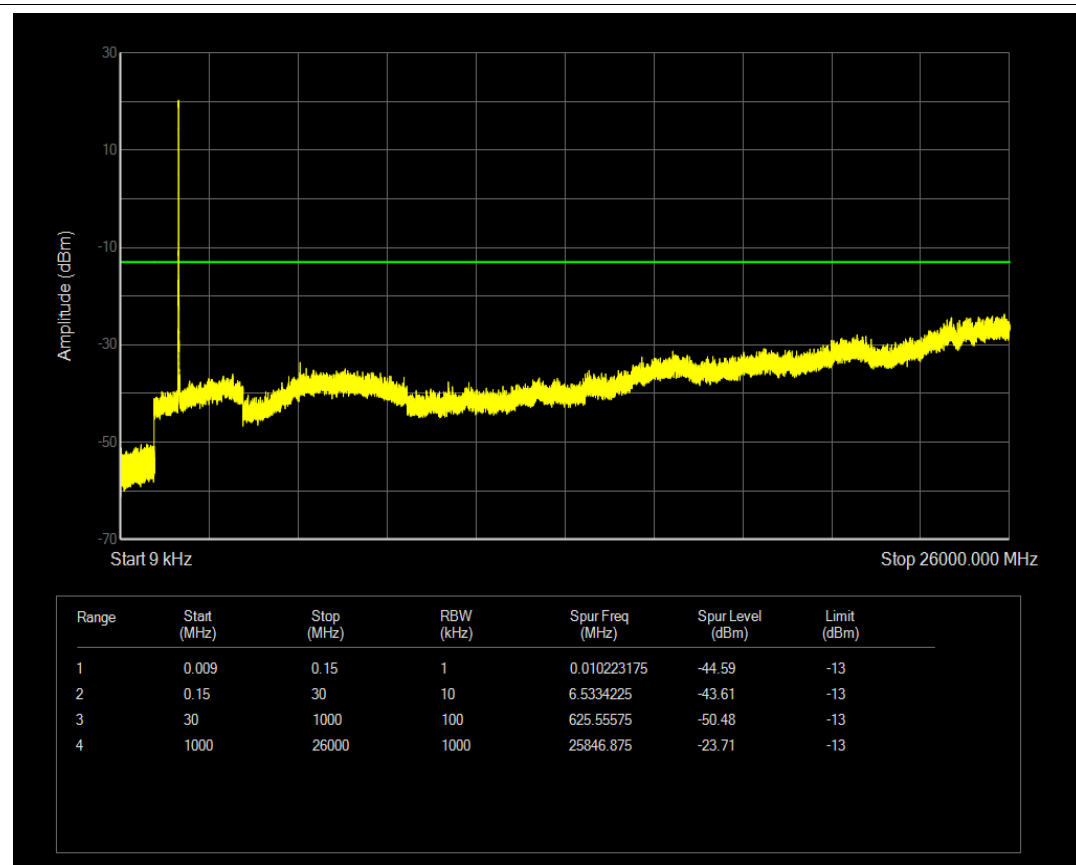


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010378275	-45.29	-13
2	0.15	30	10	6.105075	-41.99	-13
3	30	1000	100	763.6595	-49.97	-13
4	1000	26000	1000	25743.125	-23.89	-13

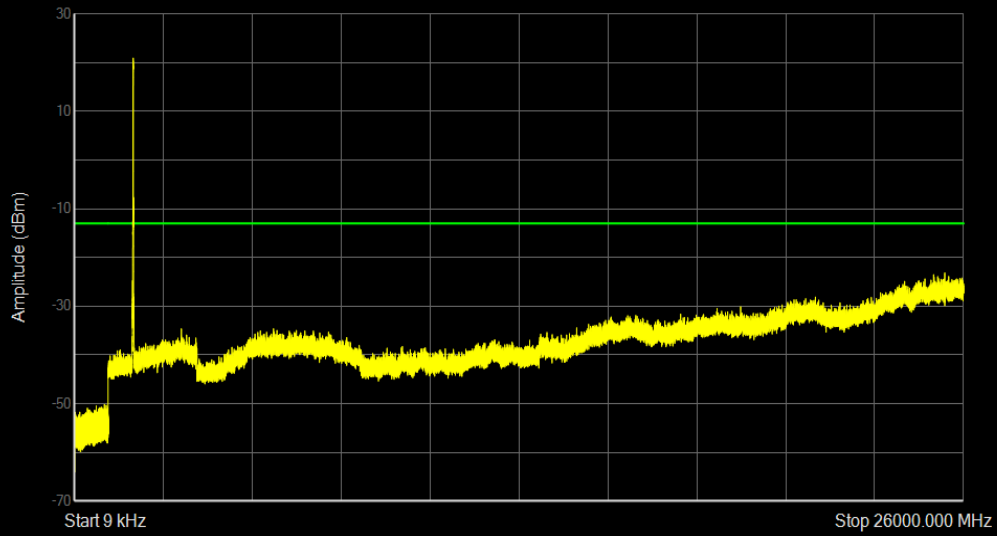
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT

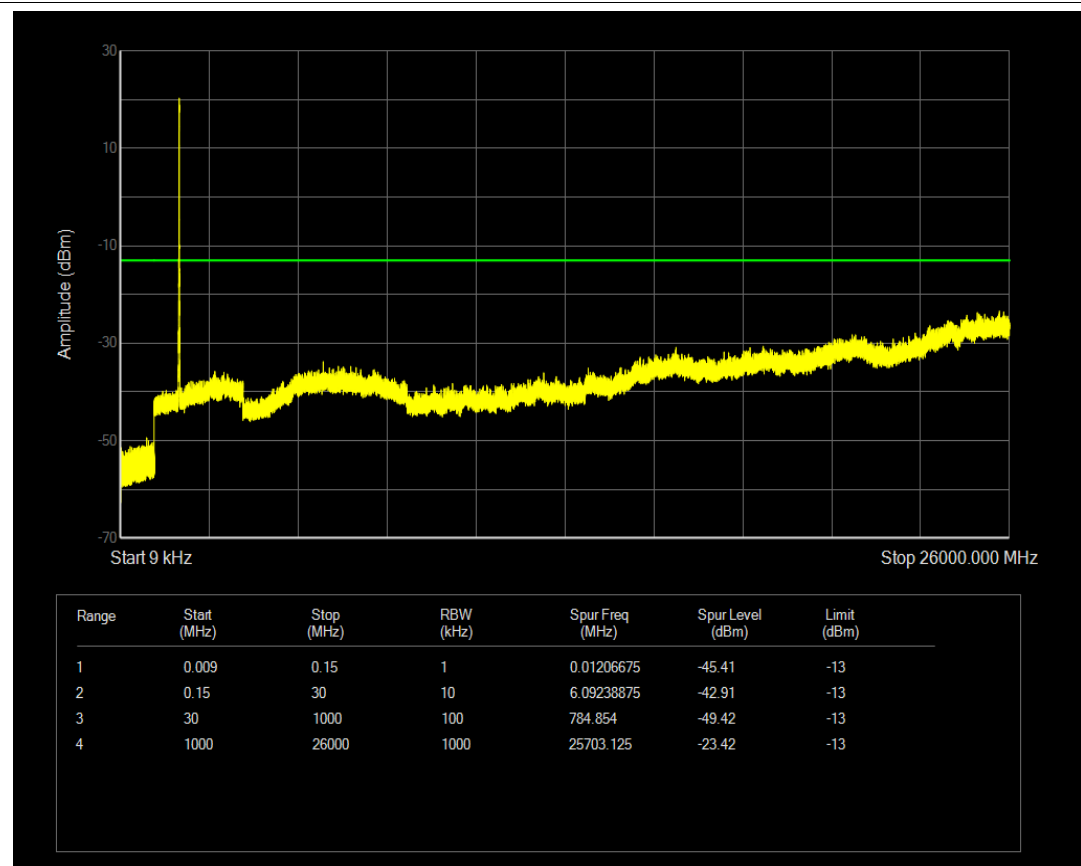


Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT

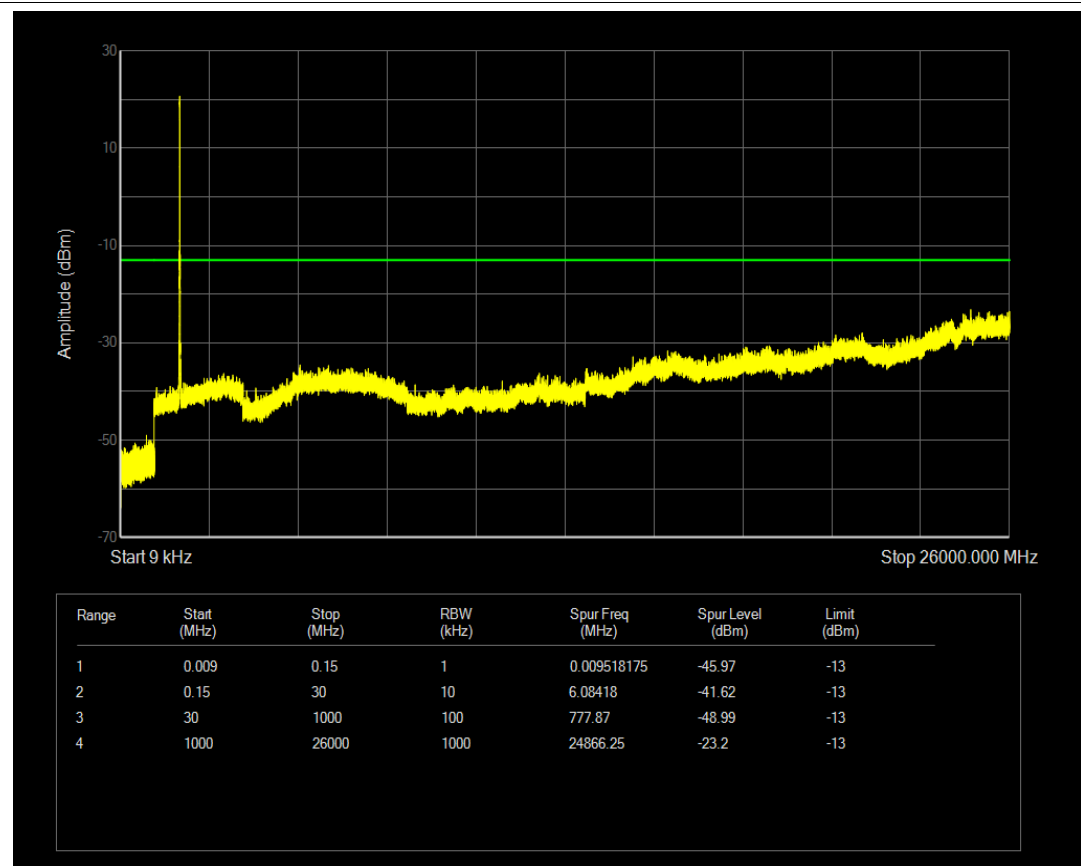


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009814275	-43.2	-13
2	0.15	30	10	6.12522375	-42.28	-13
3	30	1000	100	894.63375	-50.19	-13
4	1000	26000	1000	25451.875	-23.16	-13

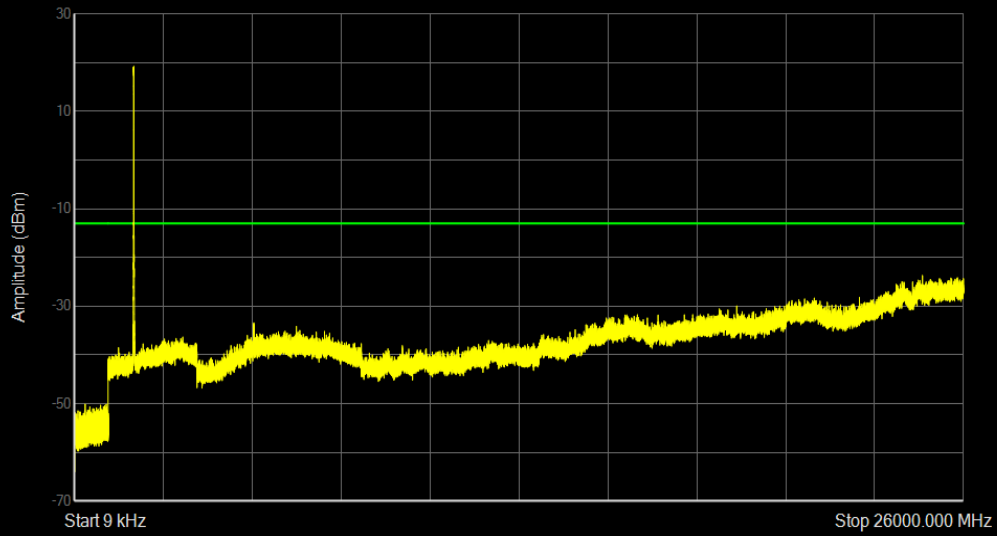
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT



Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT

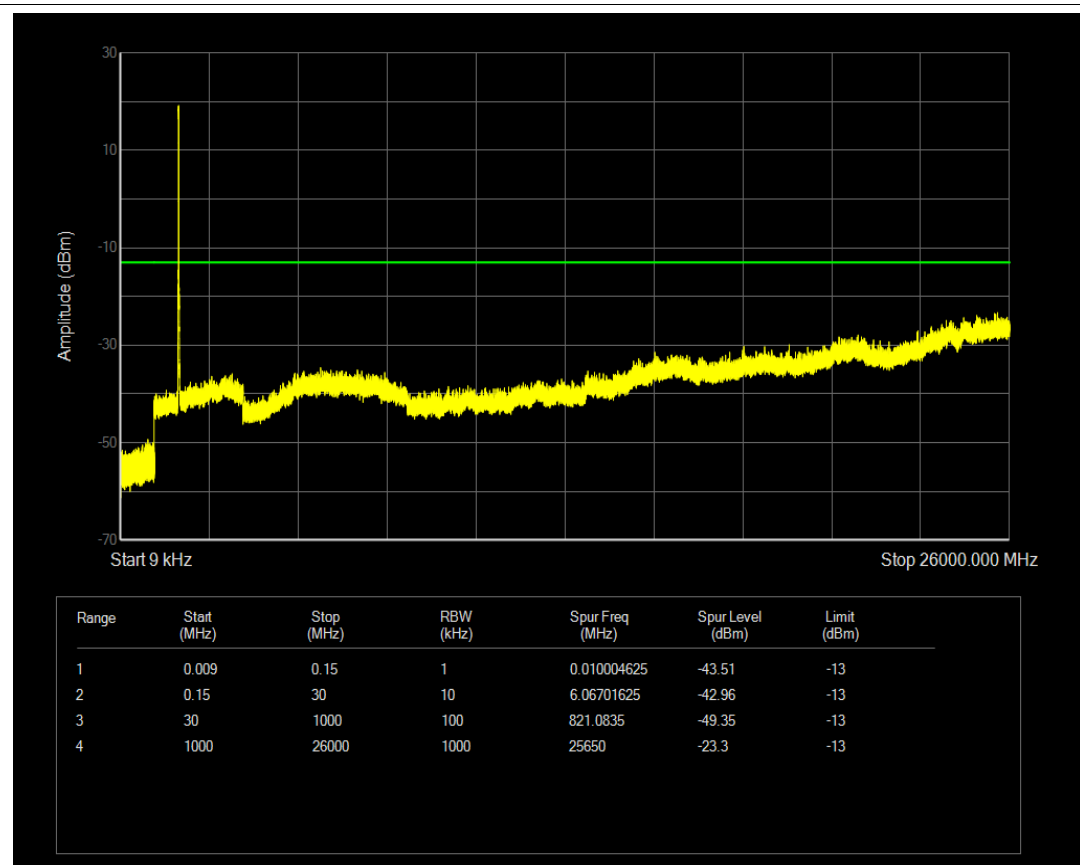


Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT

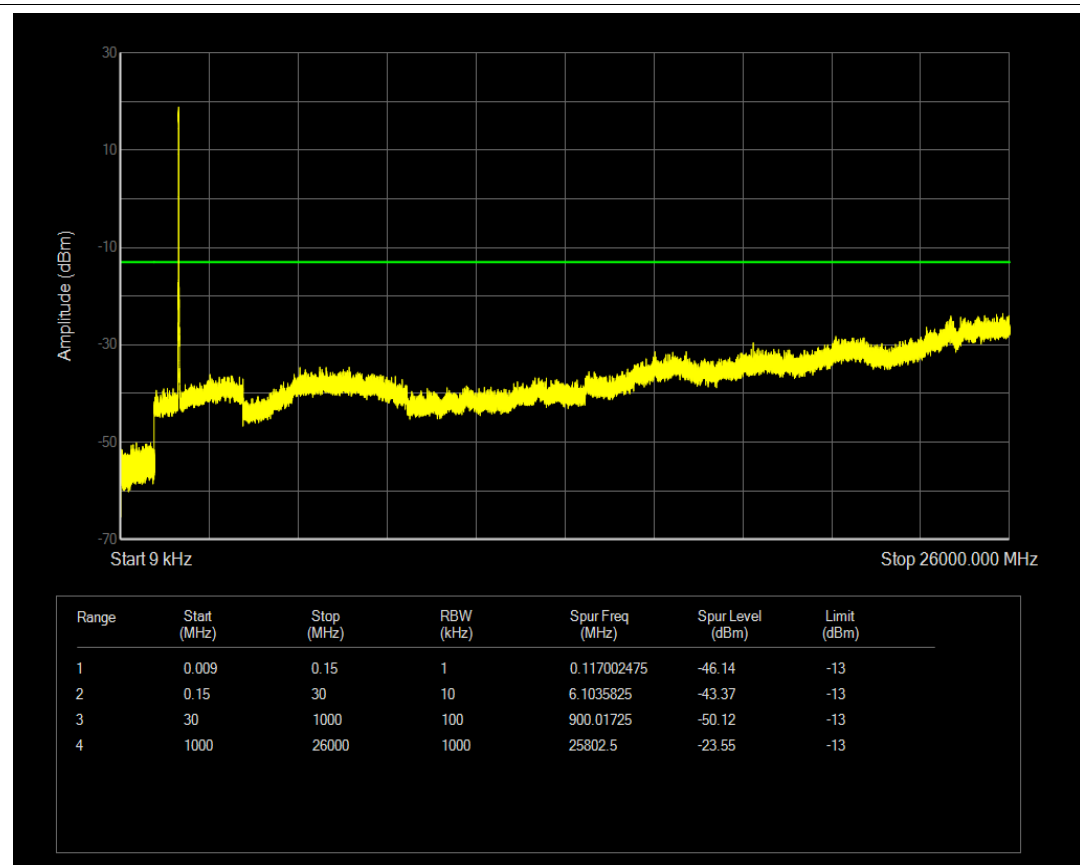


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009440625	-45.63	-13
2	0.15	30	10	6.10209	-42.62	-13
3	30	1000	100	330.3605	-50.13	-13
4	1000	26000	1000	24798.75	-23.69	-13

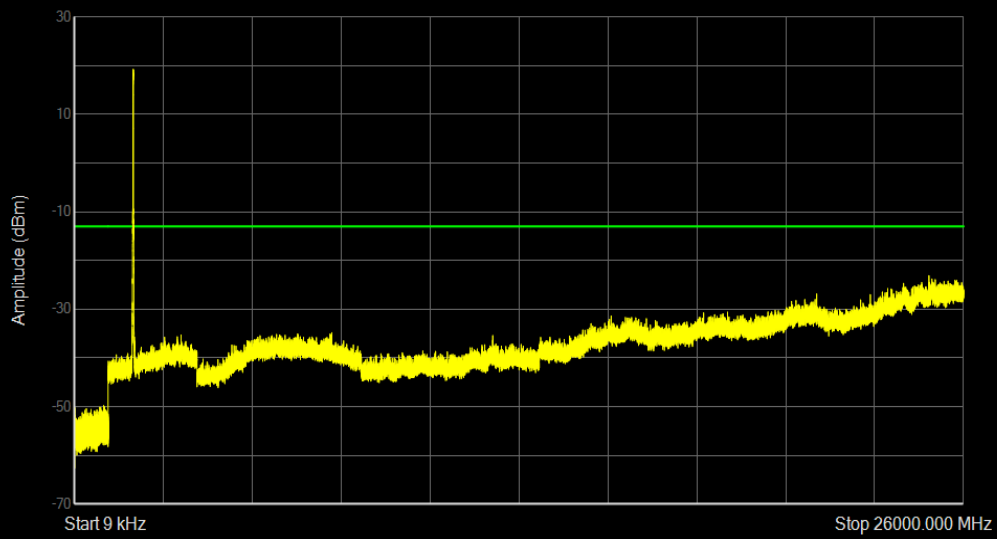
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT

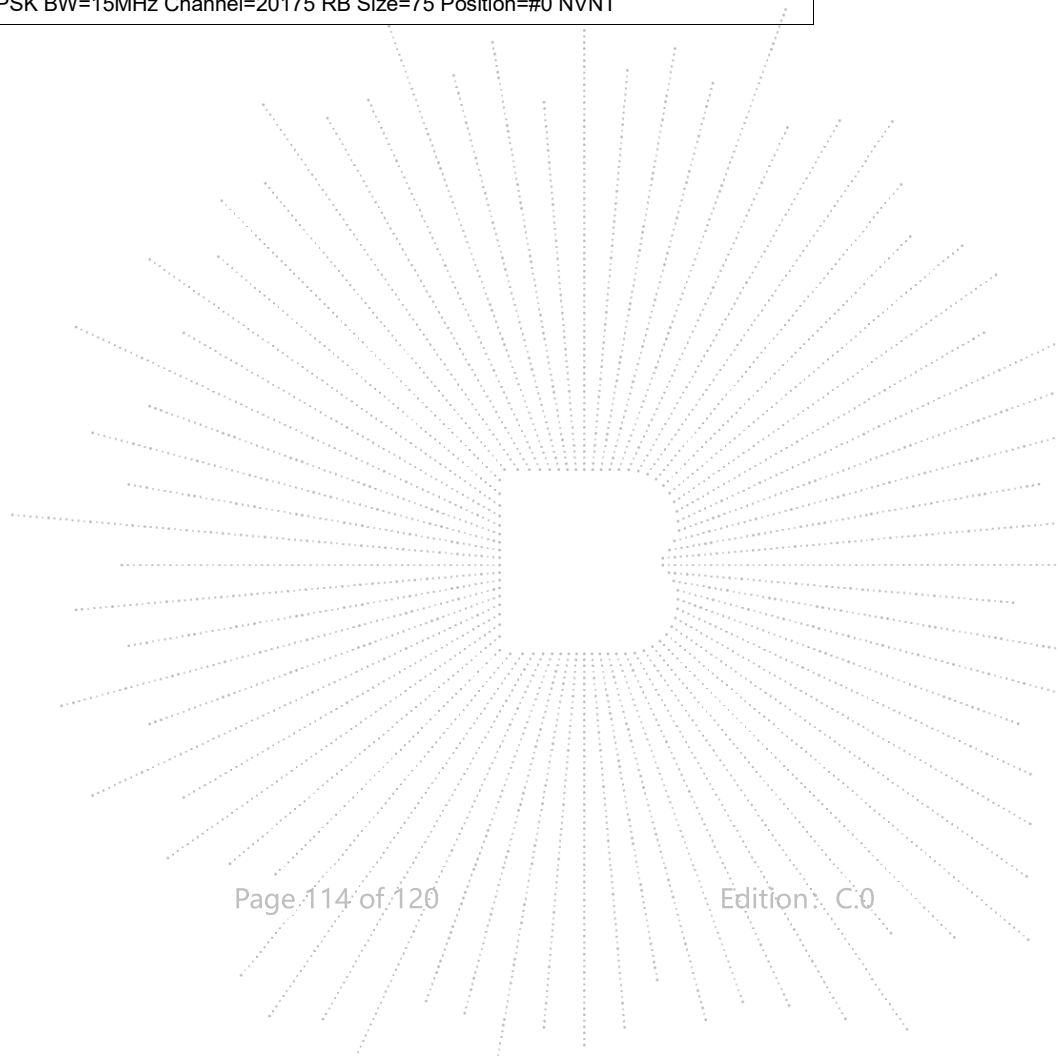


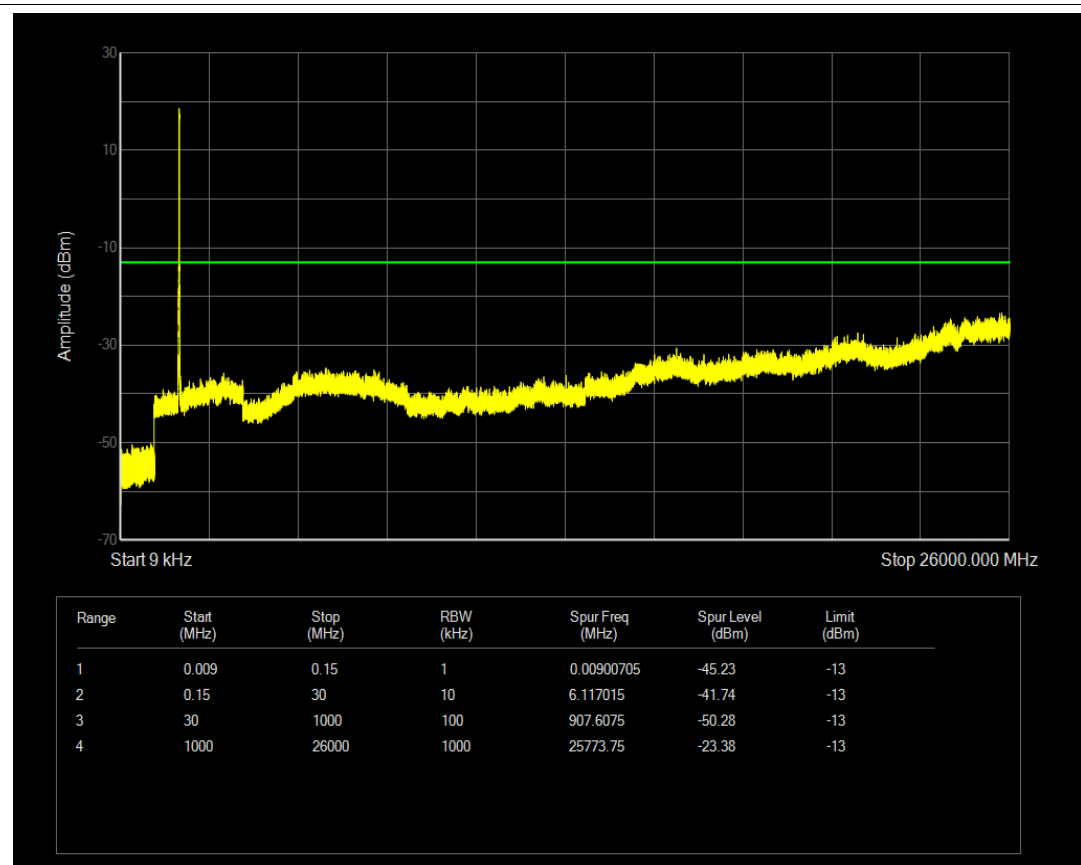
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



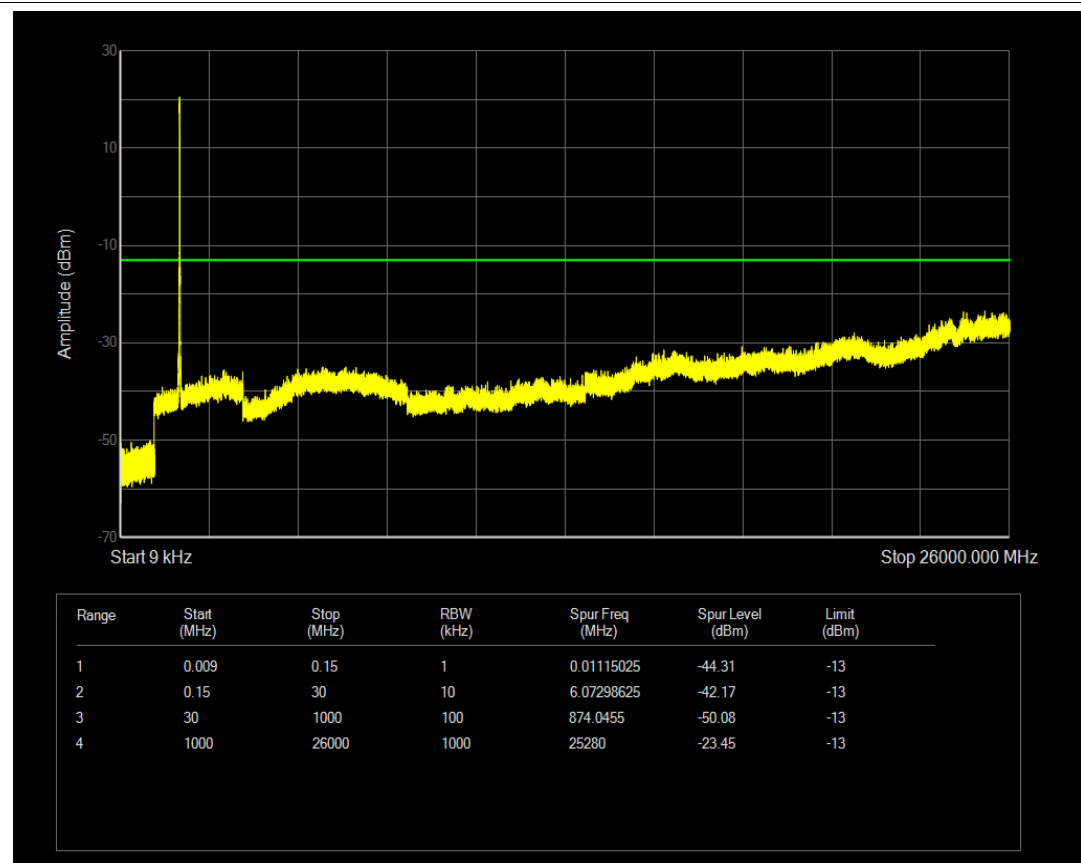
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11666055	-46.39	-13
2	0.15	30	10	6.09537375	-43.8	-13
3	30	1000	100	869.55925	-49.81	-13
4	1000	26000	1000	24987.5	-23.1	-13

Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT

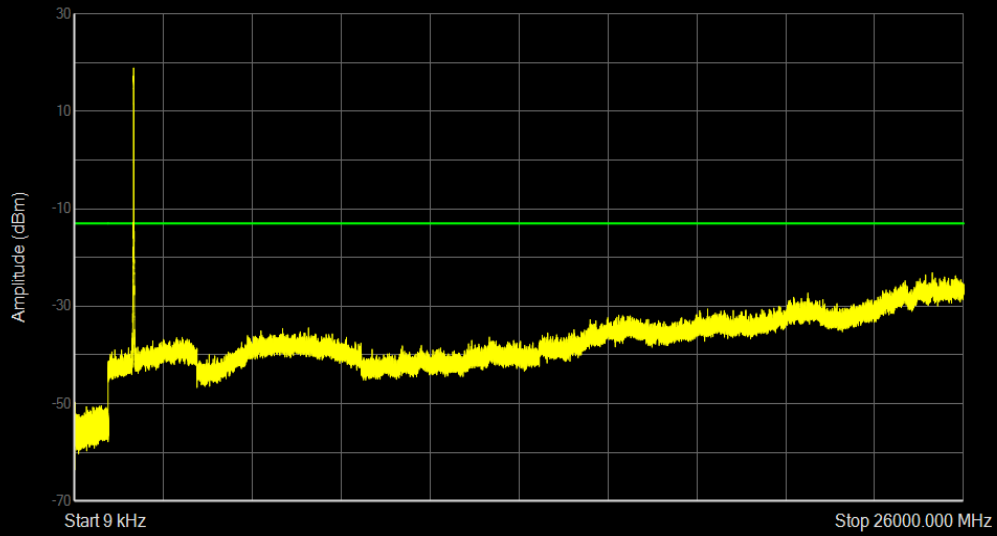




Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT

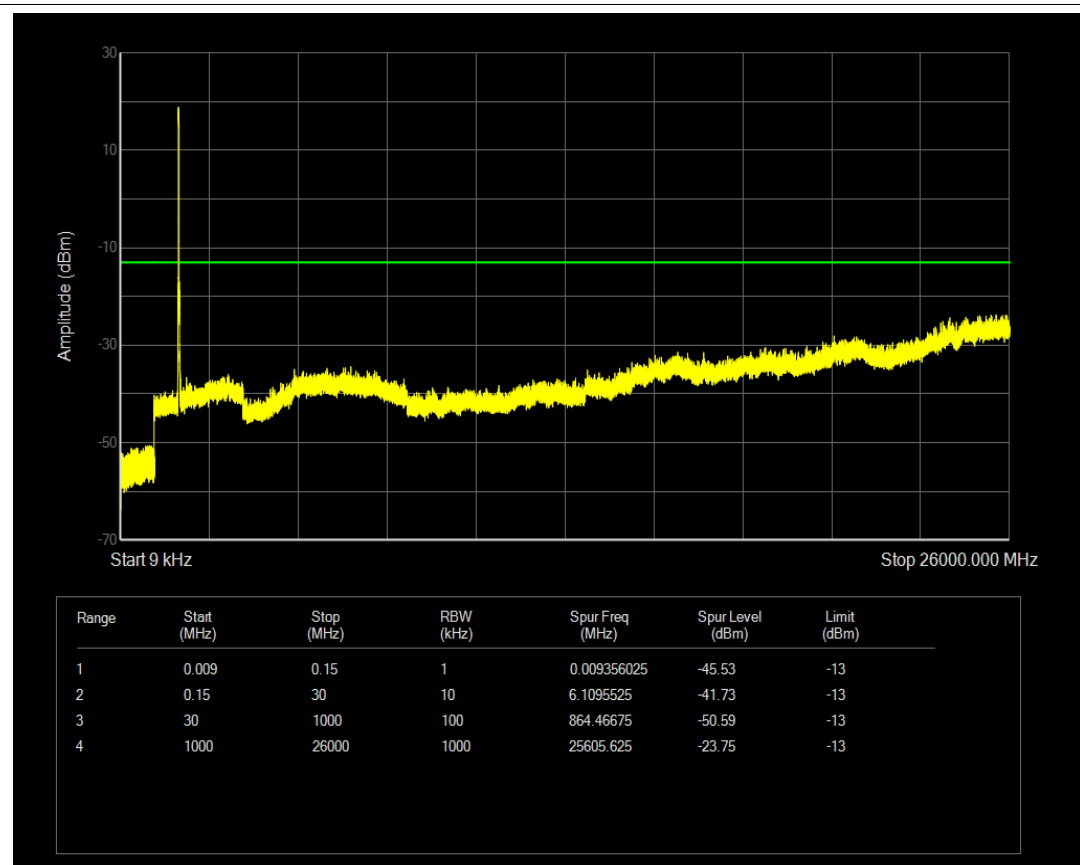


Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT

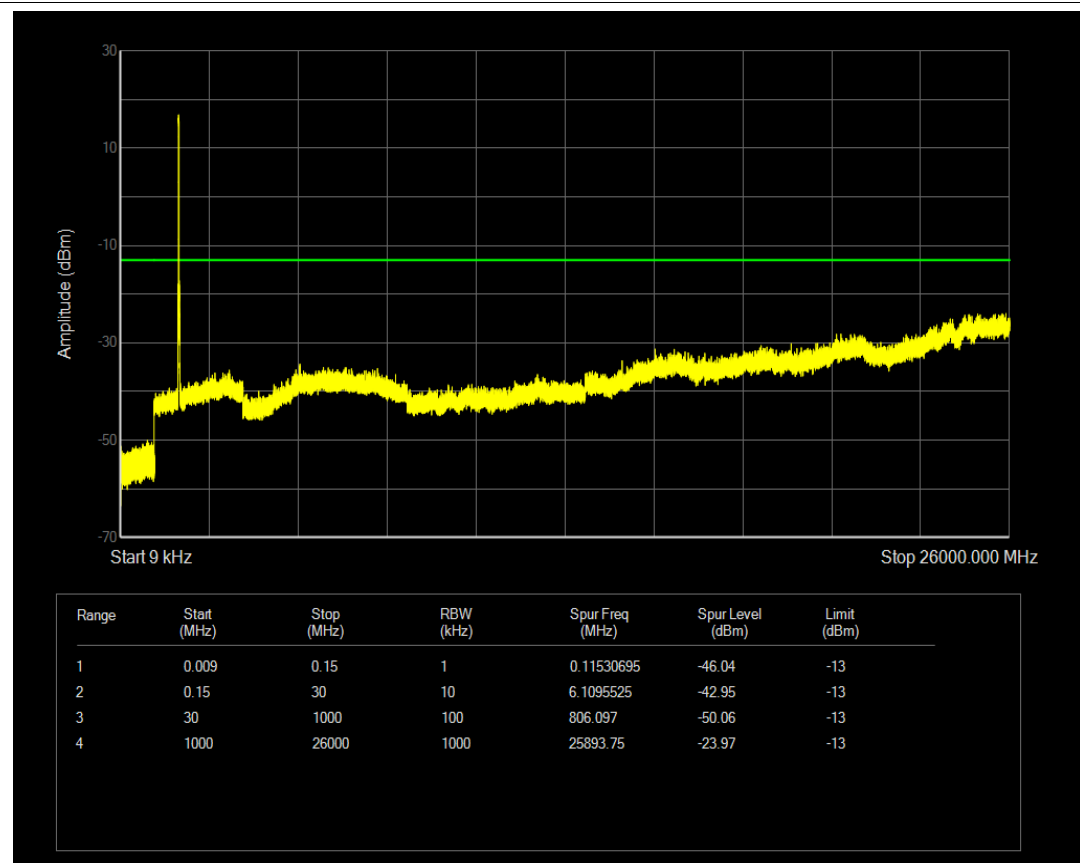


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.36	-13
2	0.15	30	10	6.11328375	-42.43	-13
3	30	1000	100	31.72175	-49.77	-13
4	1000	26000	1000	25086.25	-23.12	-13

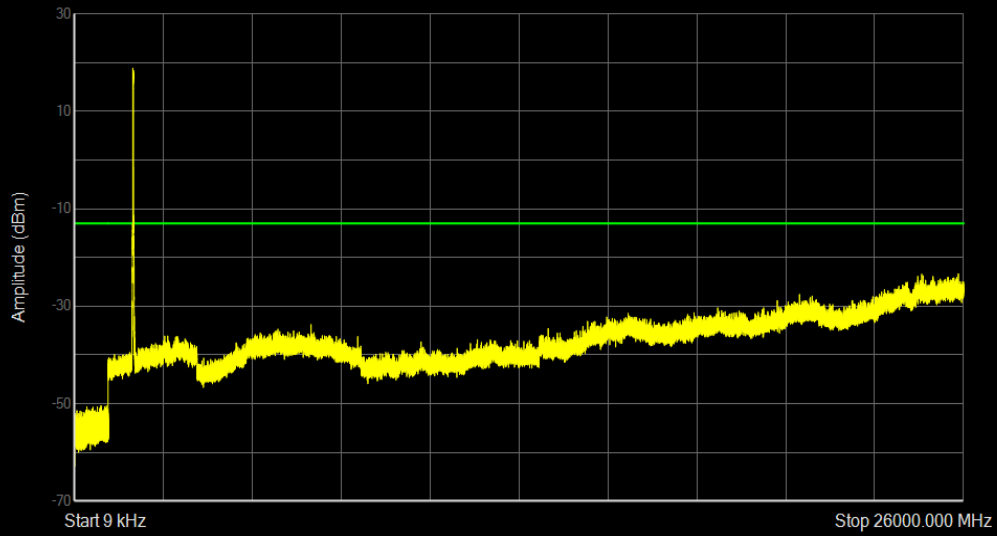
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT

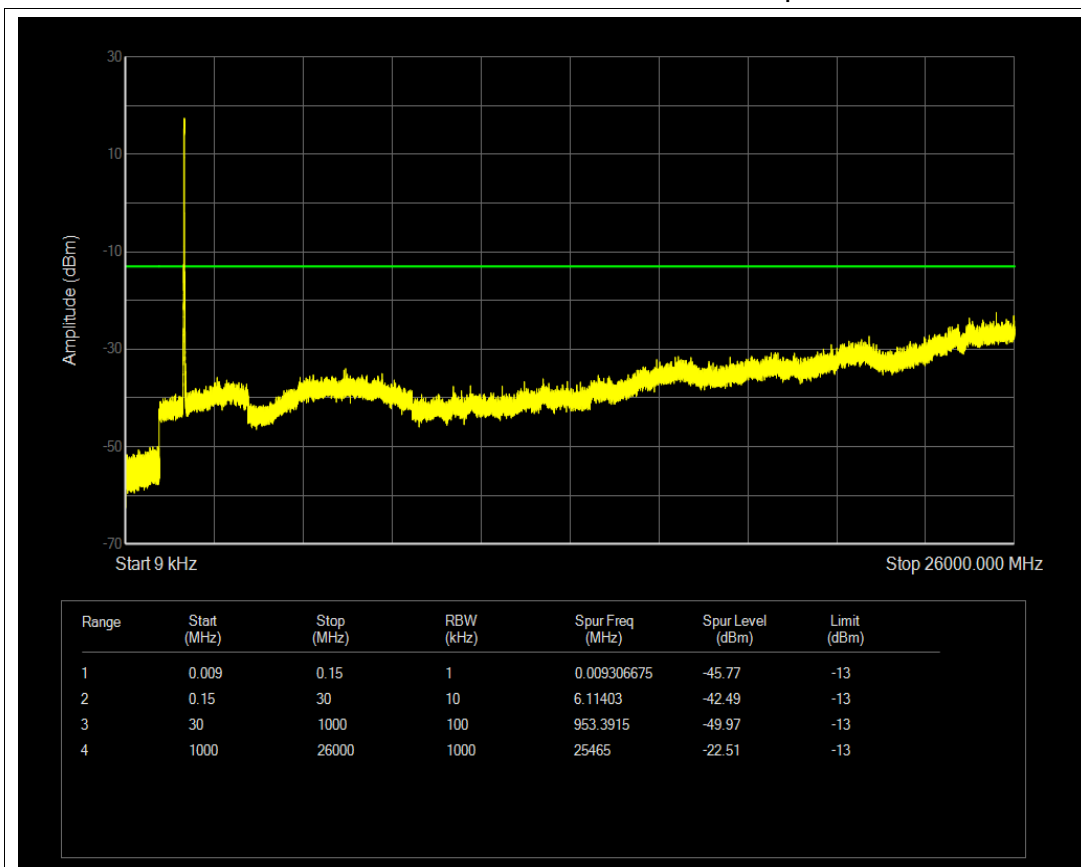


Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT

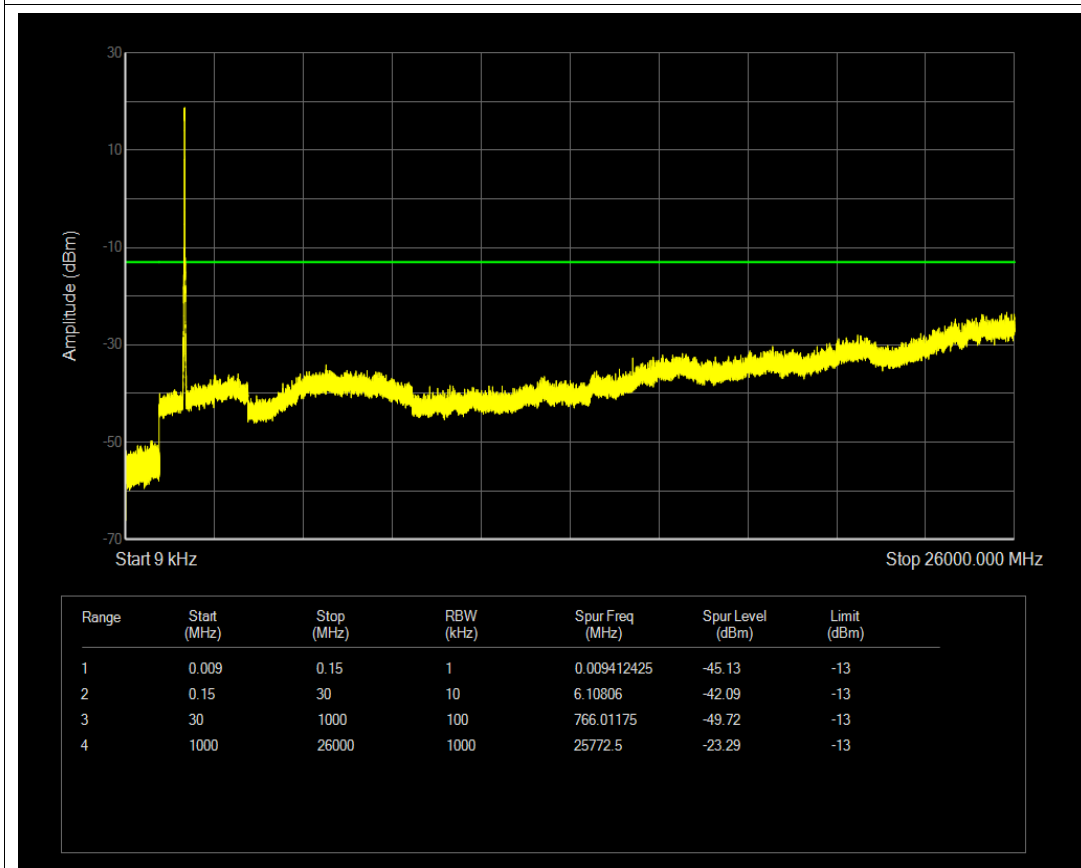


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009687375	-44.46	-13
2	0.15	30	10	6.11477625	-43.59	-13
3	30	1000	100	794.069	-50.42	-13
4	1000	26000	1000	25846.875	-23.34	-13

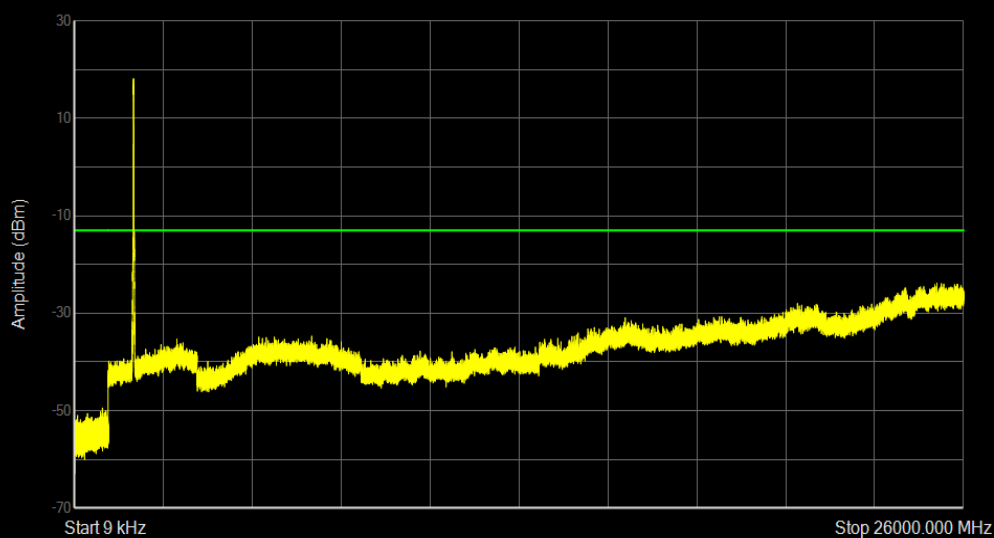
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0 NVNT



Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0 NVNT



Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010857675	-45.76	-13
2	0.15	30	10	6.07149375	-44.02	-13
3	30	1000	100	834.25125	-49.47	-13
4	1000	26000	1000	25222.5	-23.84	-13

Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT

