

Appendix for Band 4

Report No.: BCTC2504497774-5E

Applicant: Shenzhen Baseus Technology Co., Ltd.

Product Name: Mifi Power bank

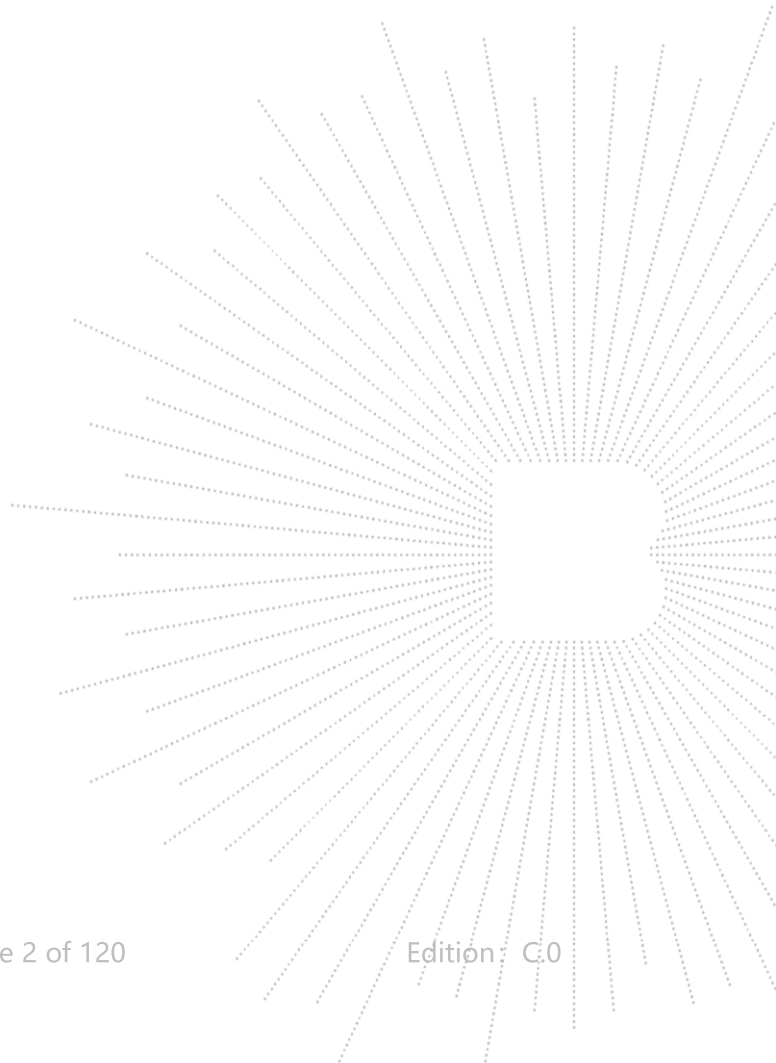
Test Model: PPMF-2067

Tested Date: 2025-04-27 to 2025-08-26

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	28
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	24.80	2.14	26.94	PASS
NVNT	Band4	1.4	19957	1	#Mid	QPSK	24.84	2.14	26.98	PASS
NVNT	Band4	1.4	19957	1	#Max	QPSK	24.80	2.14	26.94	PASS
NVNT	Band4	1.4	19957	3	#0	QPSK	24.62	2.14	26.76	PASS
NVNT	Band4	1.4	19957	3	#Mid	QPSK	24.69	2.14	26.83	PASS
NVNT	Band4	1.4	19957	3	#Max	QPSK	24.68	2.14	26.82	PASS
NVNT	Band4	1.4	19957	6	#0	QPSK	23.77	2.14	25.91	PASS
NVNT	Band4	1.4	19957	1	#0	16QAM	24.92	2.14	27.06	PASS
NVNT	Band4	1.4	19957	1	#Mid	16QAM	24.89	2.14	27.03	PASS
NVNT	Band4	1.4	19957	1	#Max	16QAM	24.97	2.14	27.11	PASS
NVNT	Band4	1.4	19957	3	#0	16QAM	24.00	2.14	26.14	PASS
NVNT	Band4	1.4	19957	3	#Mid	16QAM	24.02	2.14	26.16	PASS
NVNT	Band4	1.4	19957	3	#Max	16QAM	24.02	2.14	26.16	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	23.07	2.14	25.21	PASS
NVNT	Band4	1.4	20175	1	#0	QPSK	24.75	2.14	26.89	PASS
NVNT	Band4	1.4	20175	1	#Mid	QPSK	24.81	2.14	26.95	PASS
NVNT	Band4	1.4	20175	1	#Max	QPSK	24.84	2.14	26.98	PASS
NVNT	Band4	1.4	20175	3	#0	QPSK	24.87	2.14	27.01	PASS
NVNT	Band4	1.4	20175	3	#Mid	QPSK	24.83	2.14	26.97	PASS
NVNT	Band4	1.4	20175	3	#Max	QPSK	24.83	2.14	26.97	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	23.75	2.14	25.89	PASS
NVNT	Band4	1.4	20175	1	#0	16QAM	23.99	2.14	26.13	PASS
NVNT	Band4	1.4	20175	1	#Mid	16QAM	23.99	2.14	26.13	PASS
NVNT	Band4	1.4	20175	1	#Max	16QAM	23.98	2.14	26.12	PASS
NVNT	Band4	1.4	20175	3	#0	16QAM	23.87	2.14	26.01	PASS
NVNT	Band4	1.4	20175	3	#Mid	16QAM	23.89	2.14	26.03	PASS
NVNT	Band4	1.4	20175	3	#Max	16QAM	23.93	2.14	26.07	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	23.04	2.14	25.18	PASS
NVNT	Band4	1.4	20393	1	#0	QPSK	24.75	2.14	26.89	PASS
NVNT	Band4	1.4	20393	1	#Mid	QPSK	24.78	2.14	26.92	PASS
NVNT	Band4	1.4	20393	1	#Max	QPSK	24.71	2.14	26.85	PASS
NVNT	Band4	1.4	20393	3	#0	QPSK	24.59	2.14	26.73	PASS
NVNT	Band4	1.4	20393	3	#Mid	QPSK	24.64	2.14	26.78	PASS
NVNT	Band4	1.4	20393	3	#Max	QPSK	24.59	2.14	26.73	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	23.60	2.14	25.74	PASS

NVNT	Band4	1.4	20393	1	#0	16QAM	23.15	2.14	25.29	PASS
NVNT	Band4	1.4	20393	1	#Mid	16QAM	23.11	2.14	25.25	PASS
NVNT	Band4	1.4	20393	1	#Max	16QAM	23.19	2.14	25.33	PASS
NVNT	Band4	1.4	20393	3	#0	16QAM	23.62	2.14	25.76	PASS
NVNT	Band4	1.4	20393	3	#Mid	16QAM	23.68	2.14	25.82	PASS
NVNT	Band4	1.4	20393	3	#Max	16QAM	23.64	2.14	25.78	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	22.66	2.14	24.80	PASS
NVNT	Band4	3	19965	1	#0	QPSK	24.71	2.14	26.85	PASS
NVNT	Band4	3	19965	1	#Mid	QPSK	24.70	2.14	26.84	PASS
NVNT	Band4	3	19965	1	#Max	QPSK	24.63	2.14	26.77	PASS
NVNT	Band4	3	19965	8	#0	QPSK	23.78	2.14	25.92	PASS
NVNT	Band4	3	19965	8	#Mid	QPSK	23.78	2.14	25.92	PASS
NVNT	Band4	3	19965	8	#Max	QPSK	23.66	2.14	25.80	PASS
NVNT	Band4	3	19965	15	#0	QPSK	23.72	2.14	25.86	PASS
NVNT	Band4	3	19965	1	#0	16QAM	24.98	2.14	27.12	PASS
NVNT	Band4	3	19965	1	#Mid	16QAM	24.96	2.14	27.10	PASS
NVNT	Band4	3	19965	1	#Max	16QAM	24.94	2.14	27.08	PASS
NVNT	Band4	3	19965	8	#0	16QAM	22.73	2.14	24.87	PASS
NVNT	Band4	3	19965	8	#Mid	16QAM	22.71	2.14	24.85	PASS
NVNT	Band4	3	19965	8	#Max	16QAM	22.64	2.14	24.78	PASS
NVNT	Band4	3	19965	15	#0	16QAM	22.93	2.14	25.07	PASS
NVNT	Band4	3	20175	1	#0	QPSK	24.74	2.14	26.88	PASS
NVNT	Band4	3	20175	1	#Mid	QPSK	24.82	2.14	26.96	PASS
NVNT	Band4	3	20175	1	#Max	QPSK	24.78	2.14	26.92	PASS
NVNT	Band4	3	20175	8	#0	QPSK	23.80	2.14	25.94	PASS
NVNT	Band4	3	20175	8	#Mid	QPSK	23.82	2.14	25.96	PASS
NVNT	Band4	3	20175	8	#Max	QPSK	23.76	2.14	25.90	PASS
NVNT	Band4	3	20175	15	#0	QPSK	23.78	2.14	25.92	PASS
NVNT	Band4	3	20175	1	#0	16QAM	23.96	2.14	26.10	PASS
NVNT	Band4	3	20175	1	#Mid	16QAM	23.97	2.14	26.11	PASS
NVNT	Band4	3	20175	1	#Max	16QAM	24.00	2.14	26.14	PASS
NVNT	Band4	3	20175	8	#0	16QAM	23.04	2.14	25.18	PASS
NVNT	Band4	3	20175	8	#Mid	16QAM	22.97	2.14	25.11	PASS
NVNT	Band4	3	20175	8	#Max	16QAM	23.01	2.14	25.15	PASS
NVNT	Band4	3	20175	15	#0	16QAM	22.99	2.14	25.13	PASS
NVNT	Band4	3	20385	1	#0	QPSK	24.80	2.14	26.94	PASS
NVNT	Band4	3	20385	1	#Mid	QPSK	24.75	2.14	26.89	PASS
NVNT	Band4	3	20385	1	#Max	QPSK	24.72	2.14	26.86	PASS
NVNT	Band4	3	20385	8	#0	QPSK	23.69	2.14	25.83	PASS
NVNT	Band4	3	20385	8	#Mid	QPSK	23.71	2.14	25.85	PASS
NVNT	Band4	3	20385	8	#Max	QPSK	23.63	2.14	25.77	PASS
NVNT	Band4	3	20385	15	#0	QPSK	23.63	2.14	25.77	PASS

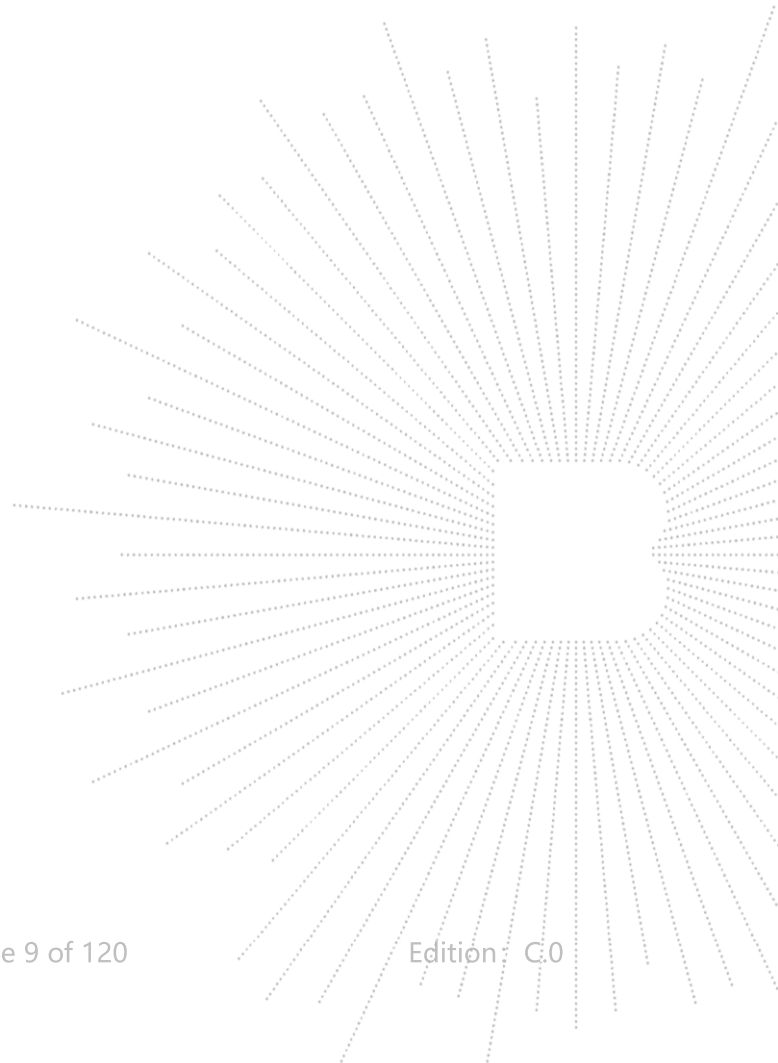
NVNT	Band4	3	20385	1	#0	16QAM	23.16	2.14	25.30	PASS
NVNT	Band4	3	20385	1	#Mid	16QAM	23.16	2.14	25.30	PASS
NVNT	Band4	3	20385	1	#Max	16QAM	23.17	2.14	25.31	PASS
NVNT	Band4	3	20385	8	#0	16QAM	22.81	2.14	24.95	PASS
NVNT	Band4	3	20385	8	#Mid	16QAM	22.85	2.14	24.99	PASS
NVNT	Band4	3	20385	8	#Max	16QAM	22.84	2.14	24.98	PASS
NVNT	Band4	3	20385	15	#0	16QAM	22.79	2.14	24.93	PASS
NVNT	Band4	5	19975	1	#0	QPSK	24.74	2.14	26.88	PASS
NVNT	Band4	5	19975	1	#Mid	QPSK	24.69	2.14	26.83	PASS
NVNT	Band4	5	19975	1	#Max	QPSK	24.65	2.14	26.79	PASS
NVNT	Band4	5	19975	12	#0	QPSK	23.77	2.14	25.91	PASS
NVNT	Band4	5	19975	12	#Mid	QPSK	23.66	2.14	25.80	PASS
NVNT	Band4	5	19975	12	#Max	QPSK	23.67	2.14	25.81	PASS
NVNT	Band4	5	19975	25	#0	QPSK	23.75	2.14	25.89	PASS
NVNT	Band4	5	19975	1	#0	16QAM	23.89	2.14	26.03	PASS
NVNT	Band4	5	19975	1	#Mid	16QAM	23.79	2.14	25.93	PASS
NVNT	Band4	5	19975	1	#Max	16QAM	23.79	2.14	25.93	PASS
NVNT	Band4	5	19975	12	#0	16QAM	22.82	2.14	24.96	PASS
NVNT	Band4	5	19975	12	#Mid	16QAM	22.74	2.14	24.88	PASS
NVNT	Band4	5	19975	12	#Max	16QAM	22.74	2.14	24.88	PASS
NVNT	Band4	5	19975	25	#0	16QAM	22.96	2.14	25.10	PASS
NVNT	Band4	5	20175	1	#0	QPSK	24.99	2.14	27.13	PASS
NVNT	Band4	5	20175	1	#Mid	QPSK	25.05	2.14	27.19	PASS
NVNT	Band4	5	20175	1	#Max	QPSK	25.06	2.14	27.20	PASS
NVNT	Band4	5	20175	12	#0	QPSK	23.87	2.14	26.01	PASS
NVNT	Band4	5	20175	12	#Mid	QPSK	23.74	2.14	25.88	PASS
NVNT	Band4	5	20175	12	#Max	QPSK	23.89	2.14	26.03	PASS
NVNT	Band4	5	20175	25	#0	QPSK	23.71	2.14	25.85	PASS
NVNT	Band4	5	20175	1	#0	16QAM	24.08	2.14	26.22	PASS
NVNT	Band4	5	20175	1	#Mid	16QAM	24.03	2.14	26.17	PASS
NVNT	Band4	5	20175	1	#Max	16QAM	24.10	2.14	26.24	PASS
NVNT	Band4	5	20175	12	#0	16QAM	22.71	2.14	24.85	PASS
NVNT	Band4	5	20175	12	#Mid	16QAM	22.78	2.14	24.92	PASS
NVNT	Band4	5	20175	12	#Max	16QAM	22.77	2.14	24.91	PASS
NVNT	Band4	5	20175	25	#0	16QAM	22.98	2.14	25.12	PASS
NVNT	Band4	5	20375	1	#0	QPSK	24.39	2.14	26.53	PASS
NVNT	Band4	5	20375	1	#Mid	QPSK	24.36	2.14	26.50	PASS
NVNT	Band4	5	20375	1	#Max	QPSK	24.34	2.14	26.48	PASS
NVNT	Band4	5	20375	12	#0	QPSK	23.70	2.14	25.84	PASS
NVNT	Band4	5	20375	12	#Mid	QPSK	23.69	2.14	25.83	PASS
NVNT	Band4	5	20375	12	#Max	QPSK	23.55	2.14	25.69	PASS
NVNT	Band4	5	20375	25	#0	QPSK	23.78	2.14	25.92	PASS

NVNT	Band4	5	20375	1	#0	16QAM	24.45	2.14	26.59	PASS
NVNT	Band4	5	20375	1	#Mid	16QAM	24.40	2.14	26.54	PASS
NVNT	Band4	5	20375	1	#Max	16QAM	24.35	2.14	26.49	PASS
NVNT	Band4	5	20375	12	#0	16QAM	22.78	2.14	24.92	PASS
NVNT	Band4	5	20375	12	#Mid	16QAM	22.73	2.14	24.87	PASS
NVNT	Band4	5	20375	12	#Max	16QAM	22.74	2.14	24.88	PASS
NVNT	Band4	5	20375	25	#0	16QAM	22.81	2.14	24.95	PASS
NVNT	Band4	10	20000	1	#0	QPSK	24.70	2.14	26.84	PASS
NVNT	Band4	10	20000	1	#Mid	QPSK	24.59	2.14	26.73	PASS
NVNT	Band4	10	20000	1	#Max	QPSK	24.60	2.14	26.74	PASS
NVNT	Band4	10	20000	25	#0	QPSK	23.69	2.14	25.83	PASS
NVNT	Band4	10	20000	25	#Mid	QPSK	23.67	2.14	25.81	PASS
NVNT	Band4	10	20000	25	#Max	QPSK	23.65	2.14	25.79	PASS
NVNT	Band4	10	20000	50	#0	QPSK	23.77	2.14	25.91	PASS
NVNT	Band4	10	20000	1	#0	16QAM	24.94	2.14	27.08	PASS
NVNT	Band4	10	20000	1	#Mid	16QAM	24.87	2.14	27.01	PASS
NVNT	Band4	10	20000	1	#Max	16QAM	24.80	2.14	26.94	PASS
NVNT	Band4	10	20000	25	#0	16QAM	22.87	2.14	25.01	PASS
NVNT	Band4	10	20000	25	#Mid	16QAM	22.78	2.14	24.92	PASS
NVNT	Band4	10	20000	25	#Max	16QAM	22.80	2.14	24.94	PASS
NVNT	Band4	10	20000	50	#0	16QAM	22.89	2.14	25.03	PASS
NVNT	Band4	10	20175	1	#0	QPSK	24.71	2.14	26.85	PASS
NVNT	Band4	10	20175	1	#Mid	QPSK	24.80	2.14	26.94	PASS
NVNT	Band4	10	20175	1	#Max	QPSK	24.83	2.14	26.97	PASS
NVNT	Band4	10	20175	25	#0	QPSK	23.72	2.14	25.86	PASS
NVNT	Band4	10	20175	25	#Mid	QPSK	23.74	2.14	25.88	PASS
NVNT	Band4	10	20175	25	#Max	QPSK	23.86	2.14	26.00	PASS
NVNT	Band4	10	20175	50	#0	QPSK	23.81	2.14	25.95	PASS
NVNT	Band4	10	20175	1	#0	16QAM	24.42	2.14	26.56	PASS
NVNT	Band4	10	20175	1	#Mid	16QAM	24.46	2.14	26.60	PASS
NVNT	Band4	10	20175	1	#Max	16QAM	24.55	2.14	26.69	PASS
NVNT	Band4	10	20175	25	#0	16QAM	22.93	2.14	25.07	PASS
NVNT	Band4	10	20175	25	#Mid	16QAM	22.94	2.14	25.08	PASS
NVNT	Band4	10	20175	25	#Max	16QAM	22.96	2.14	25.10	PASS
NVNT	Band4	10	20175	50	#0	16QAM	23.02	2.14	25.16	PASS
NVNT	Band4	10	20350	1	#0	QPSK	25.07	2.14	27.21	PASS
NVNT	Band4	10	20350	1	#Mid	QPSK	25.05	2.14	27.19	PASS
NVNT	Band4	10	20350	1	#Max	QPSK	24.84	2.14	26.98	PASS
NVNT	Band4	10	20350	25	#0	QPSK	23.92	2.14	26.06	PASS
NVNT	Band4	10	20350	25	#Mid	QPSK	23.73	2.14	25.87	PASS
NVNT	Band4	10	20350	25	#Max	QPSK	23.78	2.14	25.92	PASS
NVNT	Band4	10	20350	50	#0	QPSK	23.79	2.14	25.93	PASS

NVNT	Band4	10	20350	1	#0	16QAM	25.01	2.14	27.15	PASS
NVNT	Band4	10	20350	1	#Mid	16QAM	24.91	2.14	27.05	PASS
NVNT	Band4	10	20350	1	#Max	16QAM	24.82	2.14	26.96	PASS
NVNT	Band4	10	20350	25	#0	16QAM	22.99	2.14	25.13	PASS
NVNT	Band4	10	20350	25	#Mid	16QAM	22.95	2.14	25.09	PASS
NVNT	Band4	10	20350	25	#Max	16QAM	22.76	2.14	24.90	PASS
NVNT	Band4	10	20350	50	#0	16QAM	22.86	2.14	25.00	PASS
NVNT	Band4	15	20025	1	#0	QPSK	24.72	2.14	26.86	PASS
NVNT	Band4	15	20025	1	#Mid	QPSK	24.58	2.14	26.72	PASS
NVNT	Band4	15	20025	1	#Max	QPSK	24.57	2.14	26.71	PASS
NVNT	Band4	15	20025	36	#0	QPSK	23.76	2.14	25.90	PASS
NVNT	Band4	15	20025	36	#Mid	QPSK	23.66	2.14	25.80	PASS
NVNT	Band4	15	20025	36	#Max	QPSK	23.67	2.14	25.81	PASS
NVNT	Band4	15	20025	75	#0	QPSK	23.64	2.14	25.78	PASS
NVNT	Band4	15	20025	1	#0	16QAM	24.96	2.14	27.10	PASS
NVNT	Band4	15	20025	1	#Mid	16QAM	24.82	2.14	26.96	PASS
NVNT	Band4	15	20025	1	#Max	16QAM	24.84	2.14	26.98	PASS
NVNT	Band4	15	20025	36	#0	16QAM	22.88	2.14	25.02	PASS
NVNT	Band4	15	20025	36	#Mid	16QAM	22.84	2.14	24.98	PASS
NVNT	Band4	15	20025	36	#Max	16QAM	22.87	2.14	25.01	PASS
NVNT	Band4	15	20025	75	#0	16QAM	22.79	2.14	24.93	PASS
NVNT	Band4	15	20175	1	#0	QPSK	24.70	2.14	26.84	PASS
NVNT	Band4	15	20175	1	#Mid	QPSK	24.80	2.14	26.94	PASS
NVNT	Band4	15	20175	1	#Max	QPSK	24.79	2.14	26.93	PASS
NVNT	Band4	15	20175	36	#0	QPSK	23.78	2.14	25.92	PASS
NVNT	Band4	15	20175	36	#Mid	QPSK	23.83	2.14	25.97	PASS
NVNT	Band4	15	20175	36	#Max	QPSK	23.83	2.14	25.97	PASS
NVNT	Band4	15	20175	75	#0	QPSK	23.90	2.14	26.04	PASS
NVNT	Band4	15	20175	1	#0	16QAM	24.37	2.14	26.51	PASS
NVNT	Band4	15	20175	1	#Mid	16QAM	24.45	2.14	26.59	PASS
NVNT	Band4	15	20175	1	#Max	16QAM	24.53	2.14	26.67	PASS
NVNT	Band4	15	20175	36	#0	16QAM	22.94	2.14	25.08	PASS
NVNT	Band4	15	20175	36	#Mid	16QAM	23.01	2.14	25.15	PASS
NVNT	Band4	15	20175	36	#Max	16QAM	23.02	2.14	25.16	PASS
NVNT	Band4	15	20175	75	#0	16QAM	22.93	2.14	25.07	PASS
NVNT	Band4	15	20325	1	#0	QPSK	24.99	2.14	27.13	PASS
NVNT	Band4	15	20325	1	#Mid	QPSK	24.93	2.14	27.07	PASS
NVNT	Band4	15	20325	1	#Max	QPSK	24.79	2.14	26.93	PASS
NVNT	Band4	15	20325	36	#0	QPSK	23.85	2.14	25.99	PASS
NVNT	Band4	15	20325	36	#Mid	QPSK	23.79	2.14	25.93	PASS
NVNT	Band4	15	20325	36	#Max	QPSK	23.64	2.14	25.78	PASS
NVNT	Band4	15	20325	75	#0	QPSK	23.72	2.14	25.86	PASS

NVNT	Band4	15	20325	1	#0	16QAM	24.77	2.14	26.91	PASS
NVNT	Band4	15	20325	1	#Mid	16QAM	24.77	2.14	26.91	PASS
NVNT	Band4	15	20325	1	#Max	16QAM	24.50	2.14	26.64	PASS
NVNT	Band4	15	20325	36	#0	16QAM	22.91	2.14	25.05	PASS
NVNT	Band4	15	20325	36	#Mid	16QAM	22.86	2.14	25.00	PASS
NVNT	Band4	15	20325	36	#Max	16QAM	22.72	2.14	24.86	PASS
NVNT	Band4	15	20325	75	#0	16QAM	22.96	2.14	25.10	PASS
NVNT	Band4	20	20050	1	#0	QPSK	24.95	2.14	27.09	PASS
NVNT	Band4	20	20050	1	#Mid	QPSK	24.90	2.14	27.04	PASS
NVNT	Band4	20	20050	1	#Max	QPSK	25.01	2.14	27.15	PASS
NVNT	Band4	20	20050	50	#0	QPSK	23.79	2.14	25.93	PASS
NVNT	Band4	20	20050	50	#Mid	QPSK	23.76	2.14	25.90	PASS
NVNT	Band4	20	20050	50	#Max	QPSK	23.71	2.14	25.85	PASS
NVNT	Band4	20	20050	100	#0	QPSK	23.76	2.14	25.90	PASS
NVNT	Band4	20	20050	1	#0	16QAM	24.00	2.14	26.14	PASS
NVNT	Band4	20	20050	1	#Mid	16QAM	23.97	2.14	26.11	PASS
NVNT	Band4	20	20050	1	#Max	16QAM	24.03	2.14	26.17	PASS
NVNT	Band4	20	20050	50	#0	16QAM	22.84	2.14	24.98	PASS
NVNT	Band4	20	20050	50	#Mid	16QAM	22.92	2.14	25.06	PASS
NVNT	Band4	20	20050	50	#Max	16QAM	22.93	2.14	25.07	PASS
NVNT	Band4	20	20050	100	#0	16QAM	22.78	2.14	24.92	PASS
NVNT	Band4	20	20175	1	#0	QPSK	24.98	2.14	27.12	PASS
NVNT	Band4	20	20175	1	#Mid	QPSK	25.07	2.14	27.21	PASS
NVNT	Band4	20	20175	1	#Max	QPSK	25.12	2.14	27.26	PASS
NVNT	Band4	20	20175	50	#0	QPSK	23.77	2.14	25.91	PASS
NVNT	Band4	20	20175	50	#Mid	QPSK	23.92	2.14	26.06	PASS
NVNT	Band4	20	20175	50	#Max	QPSK	23.78	2.14	25.92	PASS
NVNT	Band4	20	20175	100	#0	QPSK	23.80	2.14	25.94	PASS
NVNT	Band4	20	20175	1	#0	16QAM	23.94	2.14	26.08	PASS
NVNT	Band4	20	20175	1	#Mid	16QAM	24.01	2.14	26.15	PASS
NVNT	Band4	20	20175	1	#Max	16QAM	24.12	2.14	26.26	PASS
NVNT	Band4	20	20175	50	#0	16QAM	22.92	2.14	25.06	PASS
NVNT	Band4	20	20175	50	#Mid	16QAM	22.93	2.14	25.07	PASS
NVNT	Band4	20	20175	50	#Max	16QAM	23.02	2.14	25.16	PASS
NVNT	Band4	20	20175	100	#0	16QAM	22.98	2.14	25.12	PASS
NVNT	Band4	20	20300	1	#0	QPSK	24.95	2.14	27.09	PASS
NVNT	Band4	20	20300	1	#Mid	QPSK	24.95	2.14	27.09	PASS
NVNT	Band4	20	20300	1	#Max	QPSK	24.74	2.14	26.88	PASS
NVNT	Band4	20	20300	50	#0	QPSK	23.85	2.14	25.99	PASS
NVNT	Band4	20	20300	50	#Mid	QPSK	23.83	2.14	25.97	PASS
NVNT	Band4	20	20300	50	#Max	QPSK	23.80	2.14	25.94	PASS
NVNT	Band4	20	20300	100	#0	QPSK	23.83	2.14	25.97	PASS

NVNT	Band4	20	20300	1	#0	16QAM	24.38	2.14	26.52	PASS
NVNT	Band4	20	20300	1	#Mid	16QAM	24.32	2.14	26.46	PASS
NVNT	Band4	20	20300	1	#Max	16QAM	24.08	2.14	26.22	PASS
NVNT	Band4	20	20300	50	#0	16QAM	23.08	2.14	25.22	PASS
NVNT	Band4	20	20300	50	#Mid	16QAM	23.13	2.14	25.27	PASS
NVNT	Band4	20	20300	50	#Max	16QAM	22.99	2.14	25.13	PASS
NVNT	Band4	20	20300	100	#0	16QAM	22.92	2.14	25.06	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	-25.41	-0.015	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	NT	-9.56	-0.006	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	HV	NT	-25.82	-0.015	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	LV	NT	-11.01	-0.006	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	NT	-8.84	-0.005	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	HV	NT	9.04	0.005	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	LV	NT	25.21	0.015	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	NT	8.54	0.005	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	HV	NT	0.14	0.000	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	LV	NT	-1.72	-0.001	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	NT	9.10	0.005	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	HV	NT	22.70	0.013	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	LV	NT	-10.73	-0.006	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	NT	-14.22	-0.008	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	HV	NT	-26.18	-0.015	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	LV	NT	-28.97	-0.017	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	NT	-28.47	-0.016	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	HV	NT	-22.79	-0.013	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	LV	NT	-17.67	-0.010	PASS

NVNT	Band 4	3	19965	15	#0	QPSK	NV	NT	-26.58	-0.016	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	HV	NT	-25.68	-0.015	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	LV	NT	-2.45	-0.001	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	NT	8.15	0.005	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	HV	NT	18.50	0.011	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	LV	NT	9.64	0.006	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	NT	7.54	0.004	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	HV	NT	1.32	0.001	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	LV	NT	-1.27	-0.001	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	NT	12.40	0.007	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	HV	NT	32.30	0.019	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	LV	NT	34.19	0.019	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	NT	27.61	0.016	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	HV	NT	15.01	0.009	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	LV	NT	14.92	0.009	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	NT	31.79	0.018	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	HV	NT	39.02	0.022	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	LV	NT	-23.63	-0.014	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	NT	-7.08	-0.004	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	HV	NT	-4.51	-0.003	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	LV	NT	-18.58	-0.011	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	NT	4.19	0.002	PASS

	4										
NVNT	Band 4	5	19975	25	#0	16QAM	HV	NT	21.59	0.013	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	LV	NT	4.66	0.003	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	NT	-3.13	-0.002	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	HV	NT	-7.18	-0.004	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	LV	NT	-3.26	-0.002	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	NT	17.57	0.010	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	HV	NT	27.71	0.016	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	LV	NT	37.84	0.022	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	NT	16.11	0.009	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	HV	NT	8.00	0.005	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	LV	NT	14.75	0.008	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	NT	25.69	0.015	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	HV	NT	33.32	0.019	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	LV	NT	-10.84	-0.006	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	NT	-29.64	-0.017	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	HV	NT	-24.70	-0.014	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	LV	NT	-26.38	-0.015	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	NT	-6.91	-0.004	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	HV	NT	12.69	0.007	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	LV	NT	-0.57	0.000	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	NT	-25.48	-0.015	PASS

NVNT	Band 4	10	20175	50	#0	QPSK	HV	NT	-19.31	-0.011	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	LV	NT	2.43	0.001	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	NT	14.08	0.008	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	HV	NT	-3.50	-0.002	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	LV	NT	28.05	0.016	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	NT	2.39	0.001	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	HV	NT	11.12	0.006	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	LV	NT	25.19	0.014	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	NT	22.60	0.013	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	HV	NT	12.40	0.007	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	LV	NT	-27.05	-0.016	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	NT	-22.17	-0.013	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	HV	NT	2.70	0.002	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	LV	NT	25.32	0.015	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	NT	18.10	0.011	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	HV	NT	25.61	0.015	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	LV	NT	19.68	0.011	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	NT	-18.77	-0.011	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	HV	NT	-26.16	-0.015	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	LV	NT	-4.32	-0.002	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	NT	8.27	0.005	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	HV	NT	16.06	0.009	PASS

	4										
NVNT	Band 4	15	20325	75	#0	QPSK	LV	NT	36.81	0.021	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	NT	3.92	0.002	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	HV	NT	-7.38	-0.004	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	LV	NT	1.57	0.001	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	NT	17.50	0.010	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	HV	NT	27.29	0.016	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	LV	NT	-33.47	-0.019	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	NT	-18.55	-0.011	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	HV	NT	-14.19	-0.008	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	LV	NT	17.25	0.010	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	NT	35.49	0.021	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	HV	NT	-5.98	-0.003	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	LV	NT	8.78	0.005	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	NT	-28.81	-0.017	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	HV	NT	-5.99	-0.003	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	LV	NT	26.29	0.015	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	NT	32.70	0.019	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	HV	NT	38.37	0.022	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	LV	NT	-9.64	-0.006	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	NT	-36.01	-0.021	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	HV	NT	-29.10	-0.017	PASS

NVNT	Band 4	20	20300	100	#0	16QAM	LV	NT	-26.11	-0.015	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	NT	-12.76	-0.007	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	HV	NT	-4.03	-0.002	PASS

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	NV	-30	-14.10	-0.008	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	-20	-29.83	-0.017	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	0	-30.71	-0.018	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	10	-18.93	-0.011	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	20	-3.42	-0.002	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	30	25.56	0.015	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	40	12.90	0.008	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	50	10.51	0.006	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	-30	31.91	0.019	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	-20	30.86	0.018	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	0	12.67	0.007	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	10	30.40	0.018	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	20	33.96	0.020	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	30	2.72	0.002	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	40	10.86	0.006	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	50	15.58	0.009	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	-30	41.48	0.024	PASS

	4										
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	-20	28.61	0.017	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	0	20.59	0.012	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	10	18.63	0.011	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	20	15.16	0.009	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	30	22.72	0.013	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	40	31.74	0.018	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	50	36.15	0.021	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	-30	9.97	0.006	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	-20	22.27	0.013	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	0	32.74	0.019	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	10	40.56	0.023	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	20	42.23	0.024	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	30	-0.43	0.000	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	40	3.79	0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	50	4.98	0.003	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	-30	33.97	0.019	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	-20	10.10	0.006	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	0	-8.05	-0.005	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	10	-4.18	-0.002	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	20	12.56	0.007	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	30	15.15	0.009	PASS

NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	40	20.74	0.012	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	50	26.92	0.015	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	-30	30.47	0.017	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	-20	40.25	0.023	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	0	0.82	0.000	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	10	6.67	0.004	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	20	8.70	0.005	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	30	16.79	0.010	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	40	13.99	0.008	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	50	17.12	0.010	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	-30	-36.08	-0.021	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	-20	-26.15	-0.015	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	0	-16.34	-0.010	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	10	8.20	0.005	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	20	8.91	0.005	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	30	12.13	0.007	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	40	33.40	0.020	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	50	19.07	0.011	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	-30	37.67	0.022	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	-20	18.15	0.011	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	0	7.88	0.005	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	10	5.74	0.003	PASS

	4										
NVNT	Band 4	3	19965	15	#0	16QAM	NV	20	20.23	0.012	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	30	29.78	0.017	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	40	31.53	0.018	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	50	1.09	0.001	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	-30	-2.60	-0.002	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	-20	-23.17	-0.013	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	0	-29.84	-0.017	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	10	-34.45	-0.020	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	20	-27.34	-0.016	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	30	-17.70	-0.010	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	40	-4.38	-0.003	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	50	2.70	0.002	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	-30	15.59	0.009	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	-20	31.34	0.018	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	0	9.33	0.005	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	10	21.67	0.013	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	20	19.03	0.011	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	30	23.89	0.014	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	40	23.52	0.014	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	50	26.95	0.016	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	-30	-4.38	-0.002	PASS

NVNT	Band 4	3	20385	15	#0	QPSK	NV	-20	-24.70	-0.014	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	0	-31.71	-0.018	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	10	-29.18	-0.017	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	20	-23.27	-0.013	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	30	-16.19	-0.009	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	40	-3.73	-0.002	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	50	8.07	0.005	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	-30	16.69	0.010	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	-20	28.85	0.016	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	0	43.96	0.025	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	10	14.62	0.008	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	20	19.93	0.011	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	30	18.44	0.011	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	40	23.10	0.013	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	50	22.76	0.013	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	-30	-20.03	-0.012	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	-20	-26.44	-0.015	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	0	4.56	0.003	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	10	-5.21	-0.003	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	20	14.91	0.009	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	30	6.18	0.004	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	40	31.80	0.019	PASS

	4										
NVNT	Band 4	5	19975	25	#0	QPSK	NV	50	24.78	0.014	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	-30	11.74	0.007	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	-20	35.31	0.021	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	0	22.02	0.013	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	10	26.31	0.015	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	20	25.58	0.015	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	30	29.55	0.017	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	40	26.84	0.016	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	50	25.96	0.015	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	-30	30.13	0.017	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	-20	-2.19	-0.001	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	0	-11.23	-0.006	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	10	13.15	0.008	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	20	32.16	0.019	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	30	15.28	0.009	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	40	18.14	0.010	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	50	33.06	0.019	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	-30	15.52	0.009	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	-20	28.51	0.016	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	0	-6.69	-0.004	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	10	-5.39	-0.003	PASS

NVNT	Band 4	5	20175	25	#0	16QAM	NV	20	-0.39	0.000	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	30	-5.61	-0.003	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	40	-6.69	-0.004	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	50	-15.95	-0.009	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	-30	43.89	0.025	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	-20	17.71	0.010	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	0	13.00	0.007	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	10	31.54	0.018	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	20	20.60	0.012	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	30	-7.91	-0.005	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	40	10.00	0.006	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	50	24.96	0.014	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	-30	16.16	0.009	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	-20	11.73	0.007	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	0	26.11	0.015	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	10	28.45	0.016	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	20	33.25	0.019	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	30	31.59	0.018	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	40	35.31	0.020	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	50	32.04	0.018	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	-30	-37.77	-0.022	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	-20	-28.81	-0.017	PASS

	4										
NVNT	Band 4	10	20000	50	#0	QPSK	NV	0	-32.27	-0.019	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	10	19.84	0.012	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	20	14.88	0.009	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	30	14.95	0.009	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	40	15.25	0.009	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	50	35.02	0.020	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	-30	14.56	0.008	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	-20	32.80	0.019	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	0	3.33	0.002	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	10	8.88	0.005	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	20	11.52	0.007	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	30	17.34	0.010	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	40	21.11	0.012	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	50	17.50	0.010	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	-30	-3.08	-0.002	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	-20	-32.27	-0.019	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	0	-22.40	-0.013	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	10	-14.65	-0.008	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	20	3.29	0.002	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	30	21.07	0.012	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	40	15.91	0.009	PASS

NVNT	Band 4	10	20175	50	#0	QPSK	NV	50	13.23	0.008	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	-30	30.24	0.017	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	-20	2.49	0.001	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	0	17.98	0.010	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	10	21.10	0.012	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	20	23.06	0.013	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	30	27.04	0.016	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	40	31.90	0.018	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	50	30.64	0.018	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	-30	-17.42	-0.010	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	-20	-39.64	-0.023	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	0	-29.51	-0.017	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	10	-16.71	-0.010	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	20	4.33	0.002	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	30	23.19	0.013	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	40	5.01	0.003	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	50	25.95	0.015	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	-30	11.24	0.006	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	-20	33.77	0.019	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	0	5.24	0.003	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	10	2.13	0.001	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	20	1.52	0.001	PASS

	4										
NVNT	Band 4	10	20350	50	#0	16QAM	NV	30	0.16	0.000	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	40	6.22	0.004	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	50	6.18	0.004	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	-30	-33.67	-0.020	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	-20	-32.57	-0.019	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	0	-25.35	-0.015	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	10	11.13	0.006	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	20	5.44	0.003	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	30	22.30	0.013	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	40	6.38	0.004	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	50	28.91	0.017	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	-30	-7.57	-0.004	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	-20	3.16	0.002	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	0	-2.68	-0.002	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	10	-17.85	-0.010	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	20	-26.21	-0.015	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	30	-29.07	-0.017	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	40	-9.80	-0.006	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	50	-20.81	-0.012	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	-30	-19.80	-0.011	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	-20	-4.46	-0.003	PASS

NVNT	Band 4	15	20175	75	#0	QPSK	NV	0	16.88	0.010	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	10	22.73	0.013	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	20	15.46	0.009	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	30	15.62	0.009	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	40	1.17	0.001	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	50	19.25	0.011	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	-30	8.71	0.005	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	-20	33.02	0.019	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	0	2.02	0.001	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	10	-1.29	-0.001	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	20	-2.86	-0.002	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	30	-1.47	-0.001	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	40	-0.59	0.000	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	50	-0.47	0.000	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	-30	5.41	0.003	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	-20	-7.28	-0.004	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	0	17.35	0.010	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	10	14.00	0.008	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	20	21.19	0.012	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	30	23.30	0.013	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	40	18.38	0.011	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	50	28.90	0.017	PASS

	4										
NVNT	Band 4	15	20325	75	#0	16QAM	NV	-30	29.08	0.017	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	-20	22.39	0.013	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	0	20.06	0.011	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	10	6.12	0.004	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	20	-2.25	-0.001	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	30	11.53	0.007	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	40	17.40	0.010	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	50	20.90	0.012	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	-30	-30.43	-0.018	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	-20	-5.31	-0.003	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	0	16.71	0.010	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	10	30.97	0.018	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	20	21.47	0.012	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	30	22.42	0.013	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	40	10.70	0.006	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	50	22.79	0.013	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	-30	15.92	0.009	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	-20	29.41	0.017	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	0	20.99	0.012	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	10	7.93	0.005	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	20	-5.89	-0.003	PASS

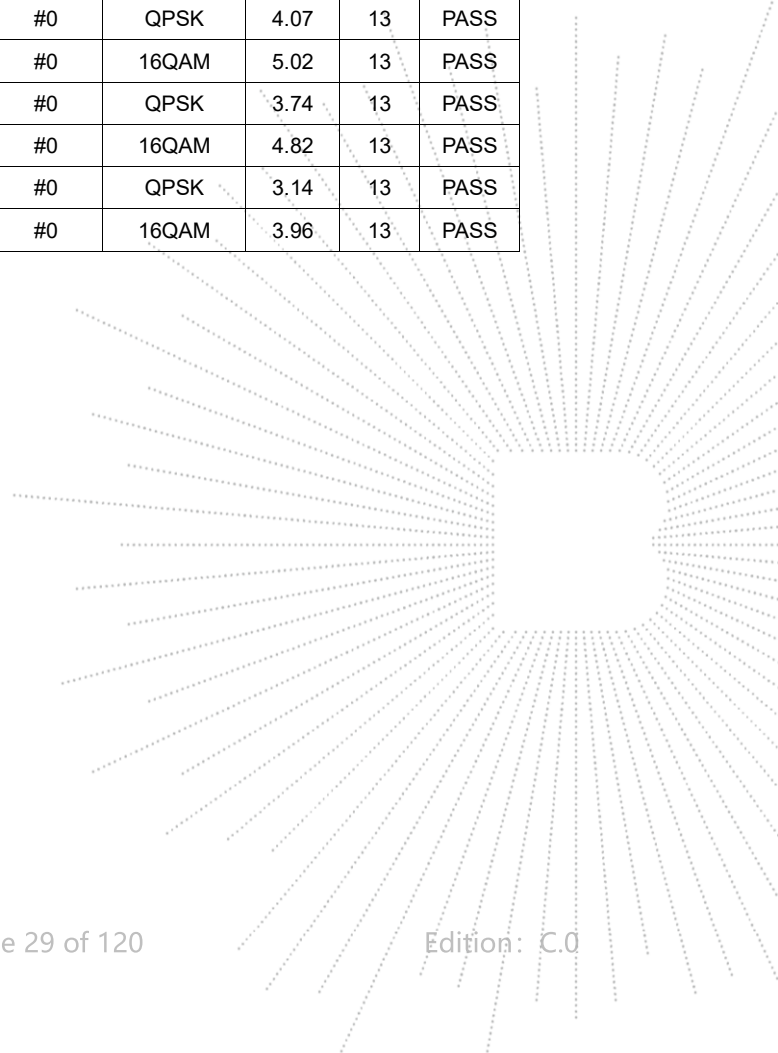
NVNT	Band 4	20	20050	100	#0	16QAM	NV	30	-19.37	-0.011	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	40	-30.36	-0.018	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	50	-37.11	-0.022	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	-30	1.13	0.001	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	-20	-27.52	-0.016	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	0	-14.19	-0.008	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	10	-41.67	-0.024	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	20	-38.42	-0.022	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	30	-32.11	-0.019	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	40	-29.24	-0.017	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	50	-33.46	-0.019	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	-30	-25.02	-0.014	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	-20	-31.47	-0.018	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	0	-32.23	-0.019	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	10	-16.28	-0.009	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	20	-21.72	-0.013	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	30	-33.62	-0.019	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	40	-20.34	-0.012	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	50	-22.70	-0.013	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	-30	-19.64	-0.011	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	-20	-16.12	-0.009	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	0	-25.15	-0.014	PASS

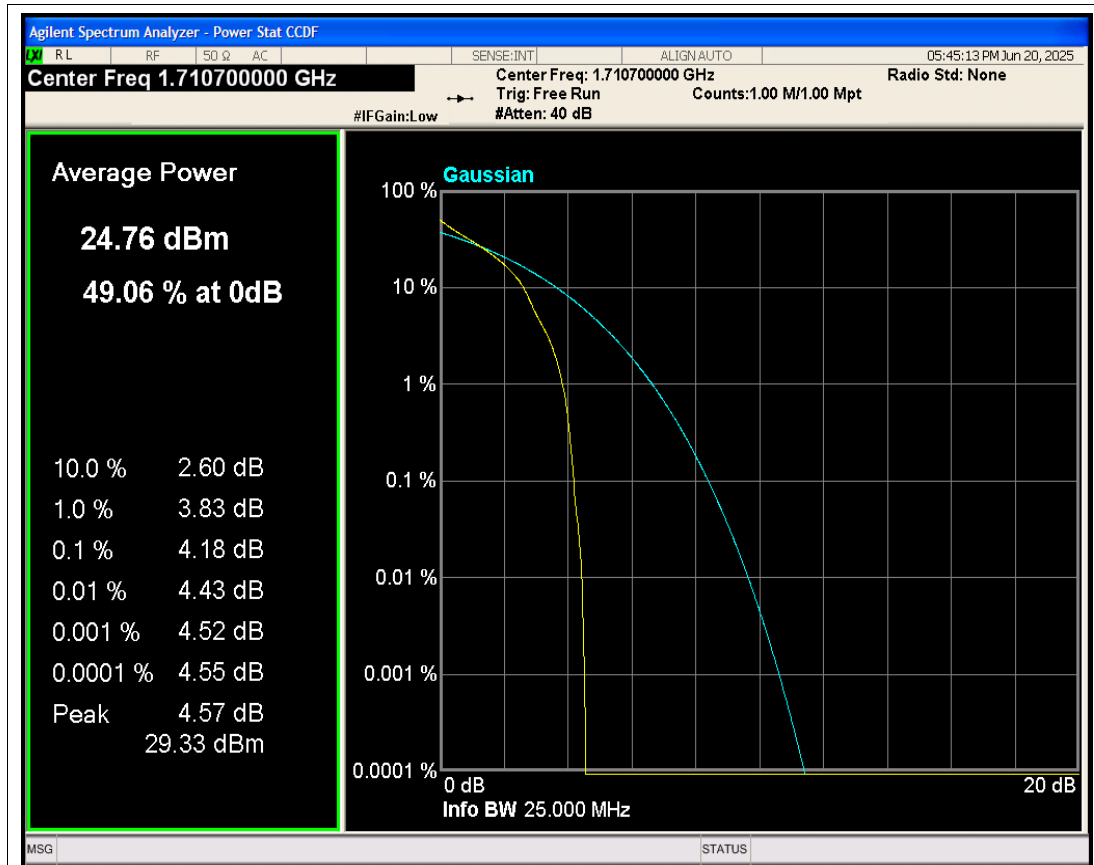
	4										
NVNT	Band 4	20	20300	100	#0	QPSK	NV	10	-19.33	-0.011	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	20	-24.36	-0.014	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	30	-29.13	-0.017	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	40	-14.05	-0.008	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	50	-25.99	-0.015	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	-30	-11.39	-0.007	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	-20	-21.83	-0.013	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	0	-2.32	-0.001	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	10	-22.02	-0.013	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	20	-20.37	-0.012	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	30	-8.94	-0.005	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	40	-18.24	-0.010	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	50	-30.10	-0.017	PASS

Appendix 3. Peak-to-Average Ratio

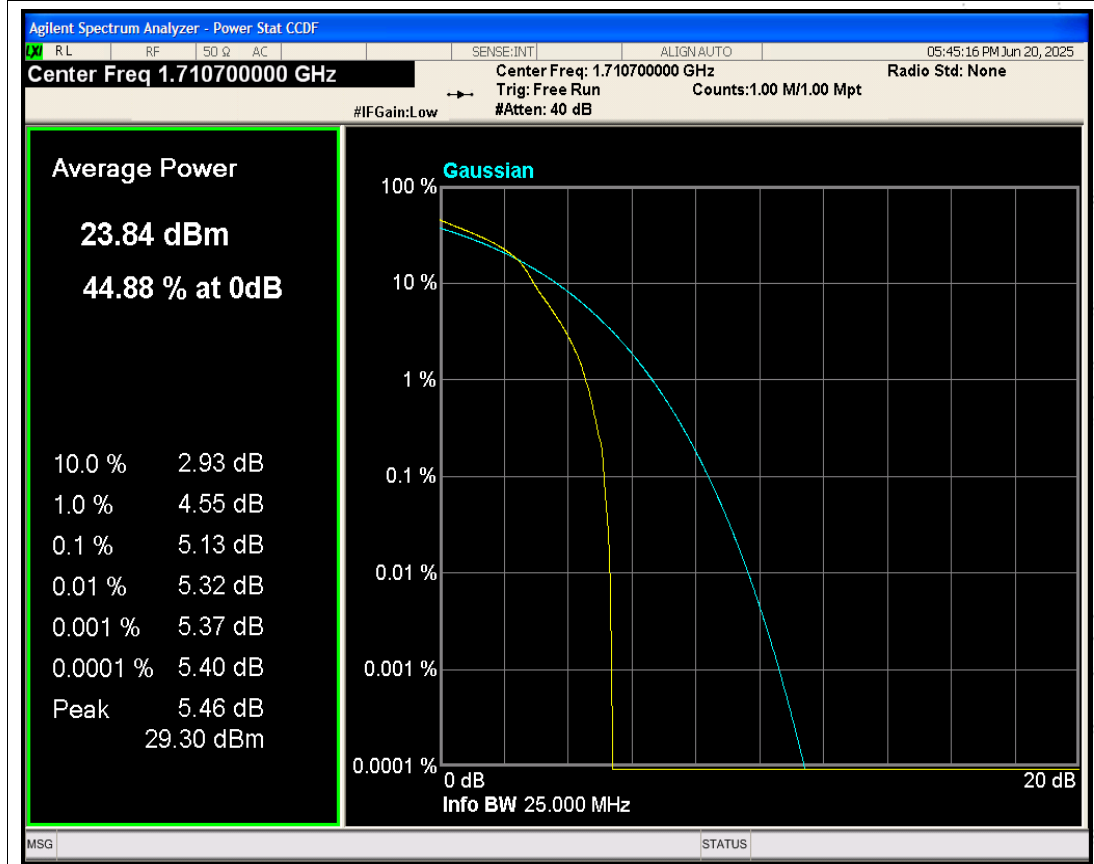
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band4	1.4	19957	1	#0	QPSK	4.18	13	PASS
NVNT	Band4	1.4	19957	1	#0	16QAM	5.13	13	PASS
NVNT	Band4	1.4	20175	1	#0	QPSK	3.35	13	PASS
NVNT	Band4	1.4	20175	1	#0	16QAM	4.61	13	PASS
NVNT	Band4	1.4	20393	1	#0	QPSK	4.18	13	PASS
NVNT	Band4	1.4	20393	1	#0	16QAM	4.64	13	PASS
NVNT	Band4	3	19965	1	#0	QPSK	4.18	13	PASS
NVNT	Band4	3	19965	1	#0	16QAM	5.29	13	PASS
NVNT	Band4	3	20175	1	#0	QPSK	3.44	13	PASS

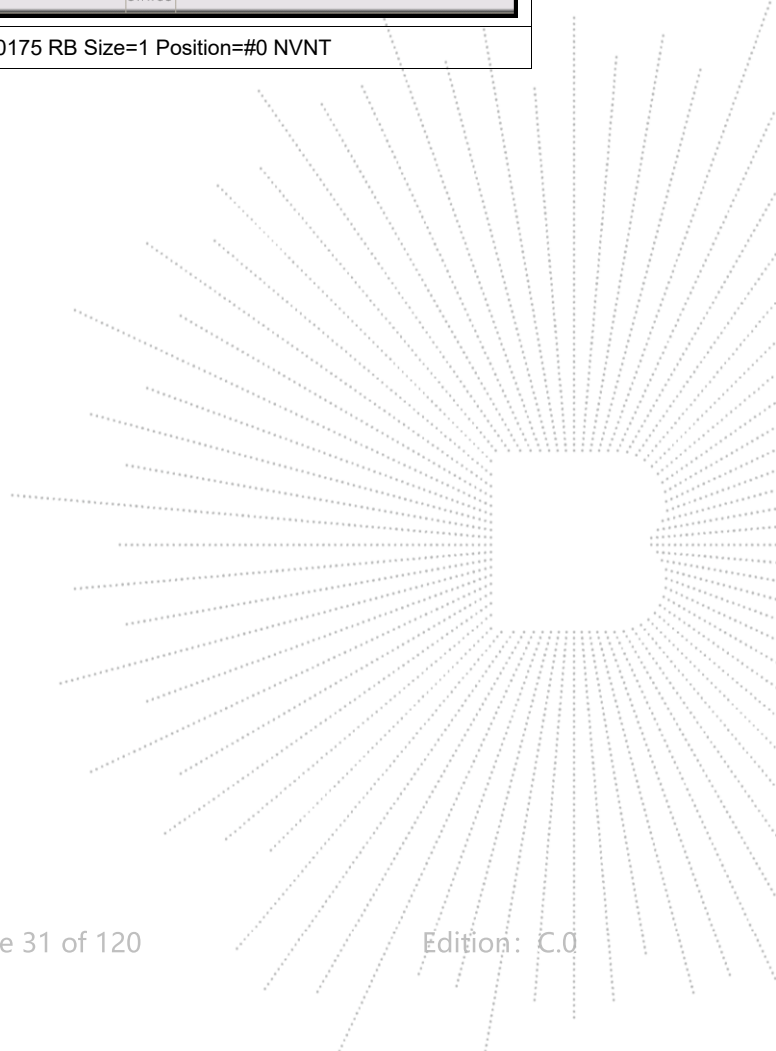
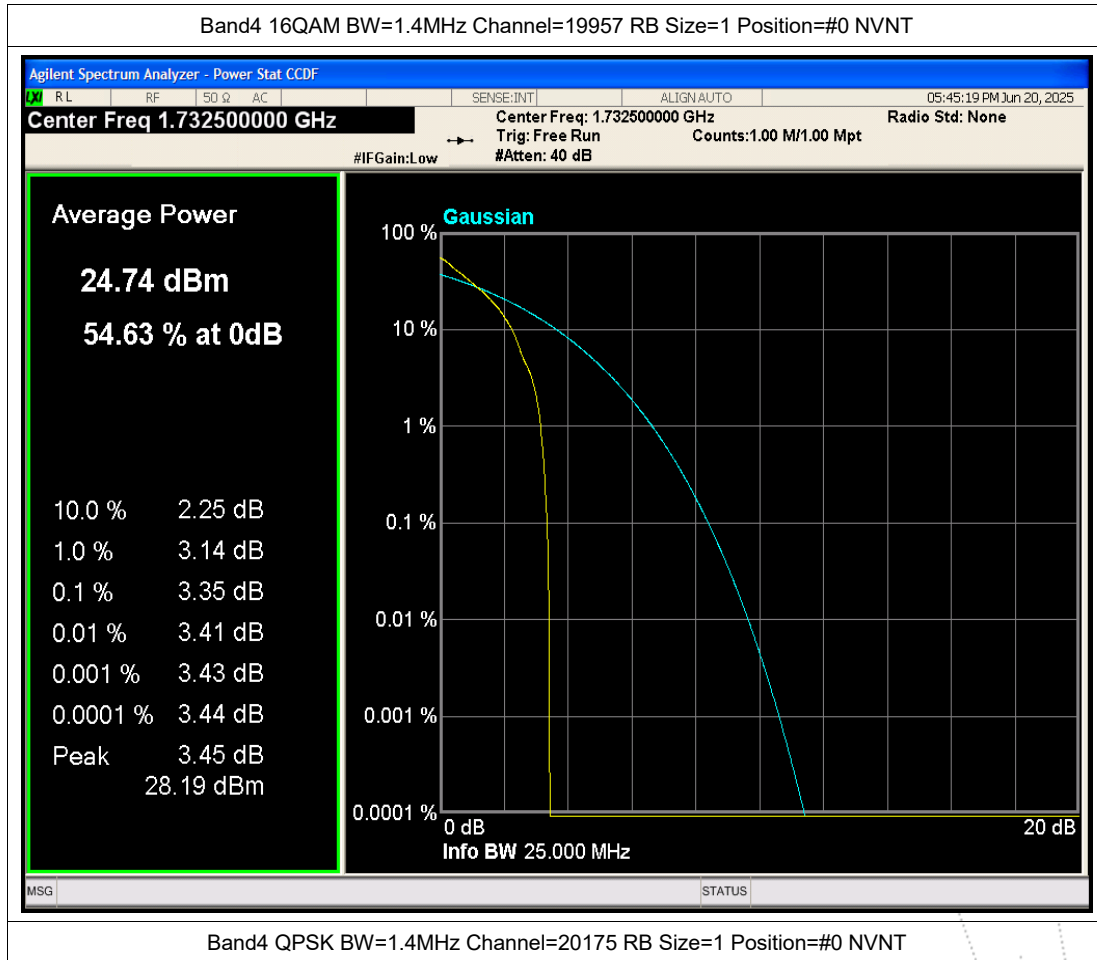
NVNT	Band4	3	20175	1	#0	16QAM	4.34	13	PASS
NVNT	Band4	3	20385	1	#0	QPSK	4.22	13	PASS
NVNT	Band4	3	20385	1	#0	16QAM	5.03	13	PASS
NVNT	Band4	5	19975	1	#0	QPSK	4.32	13	PASS
NVNT	Band4	5	19975	1	#0	16QAM	5.45	13	PASS
NVNT	Band4	5	20175	1	#0	QPSK	3.34	13	PASS
NVNT	Band4	5	20175	1	#0	16QAM	4.37	13	PASS
NVNT	Band4	5	20375	1	#0	QPSK	4.79	13	PASS
NVNT	Band4	5	20375	1	#0	16QAM	5.60	13	PASS
NVNT	Band4	10	20000	1	#0	QPSK	4.23	13	PASS
NVNT	Band4	10	20000	1	#0	16QAM	5.22	13	PASS
NVNT	Band4	10	20175	1	#0	QPSK	3.62	13	PASS
NVNT	Band4	10	20175	1	#0	16QAM	4.60	13	PASS
NVNT	Band4	10	20350	1	#0	QPSK	4.24	13	PASS
NVNT	Band4	10	20350	1	#0	16QAM	5.38	13	PASS
NVNT	Band4	15	20025	1	#0	QPSK	4.15	13	PASS
NVNT	Band4	15	20025	1	#0	16QAM	5.25	13	PASS
NVNT	Band4	15	20175	1	#0	QPSK	3.70	13	PASS
NVNT	Band4	15	20175	1	#0	16QAM	4.71	13	PASS
NVNT	Band4	15	20325	1	#0	QPSK	3.61	13	PASS
NVNT	Band4	15	20325	1	#0	16QAM	4.53	13	PASS
NVNT	Band4	20	20050	1	#0	QPSK	4.07	13	PASS
NVNT	Band4	20	20050	1	#0	16QAM	5.02	13	PASS
NVNT	Band4	20	20175	1	#0	QPSK	3.74	13	PASS
NVNT	Band4	20	20175	1	#0	16QAM	4.82	13	PASS
NVNT	Band4	20	20300	1	#0	QPSK	3.14	13	PASS
NVNT	Band4	20	20300	1	#0	16QAM	3.96	13	PASS

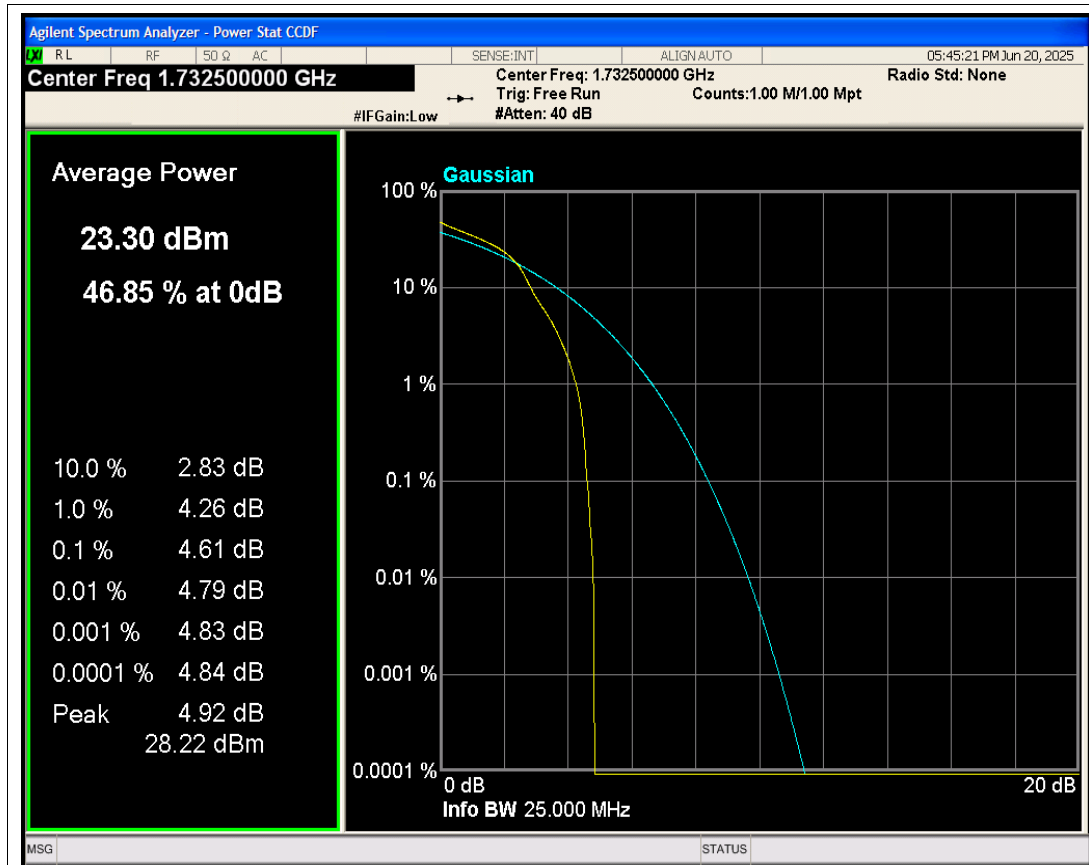




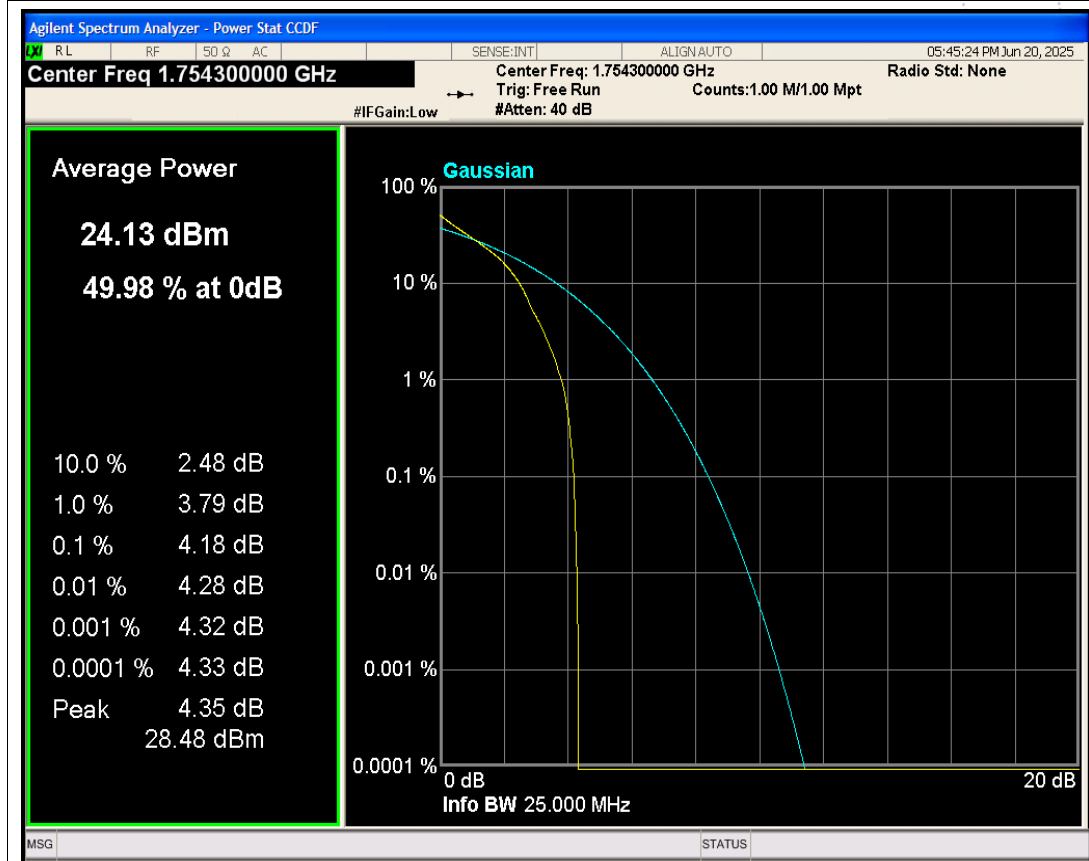
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0 NVNT

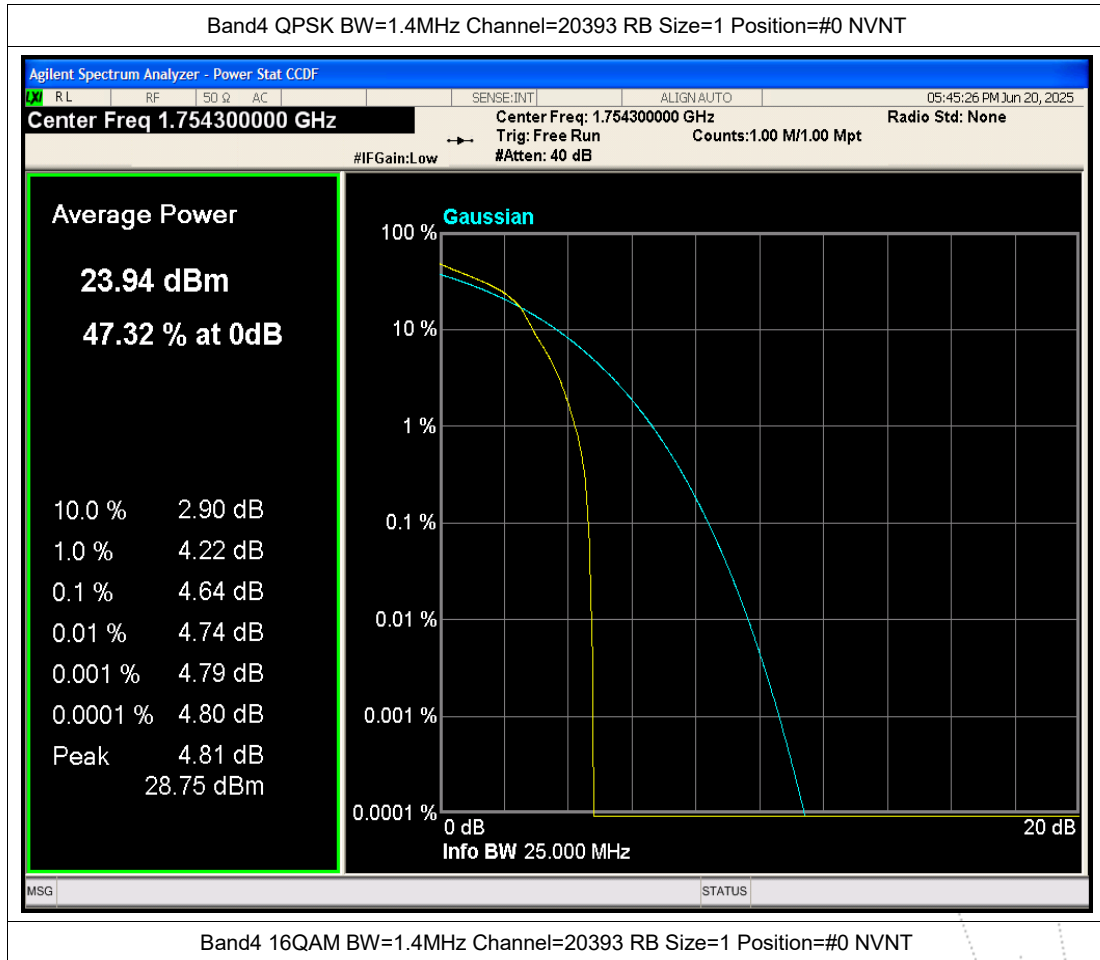


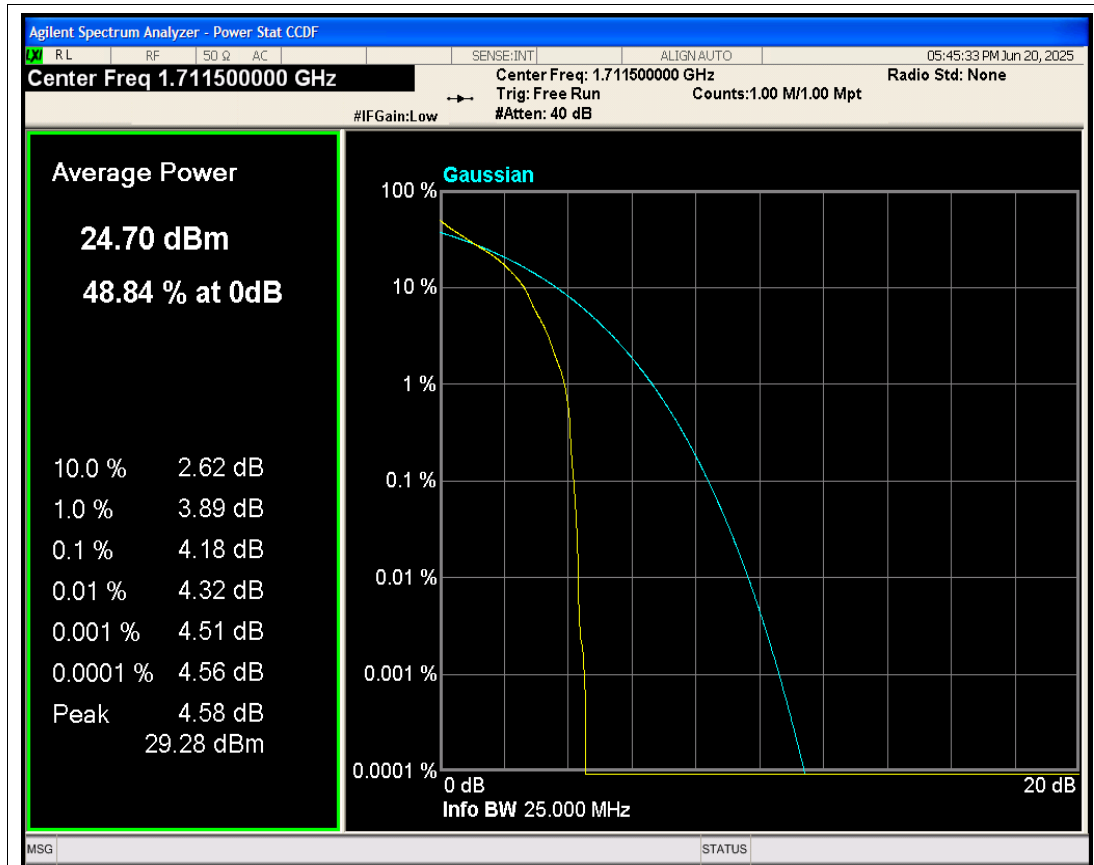




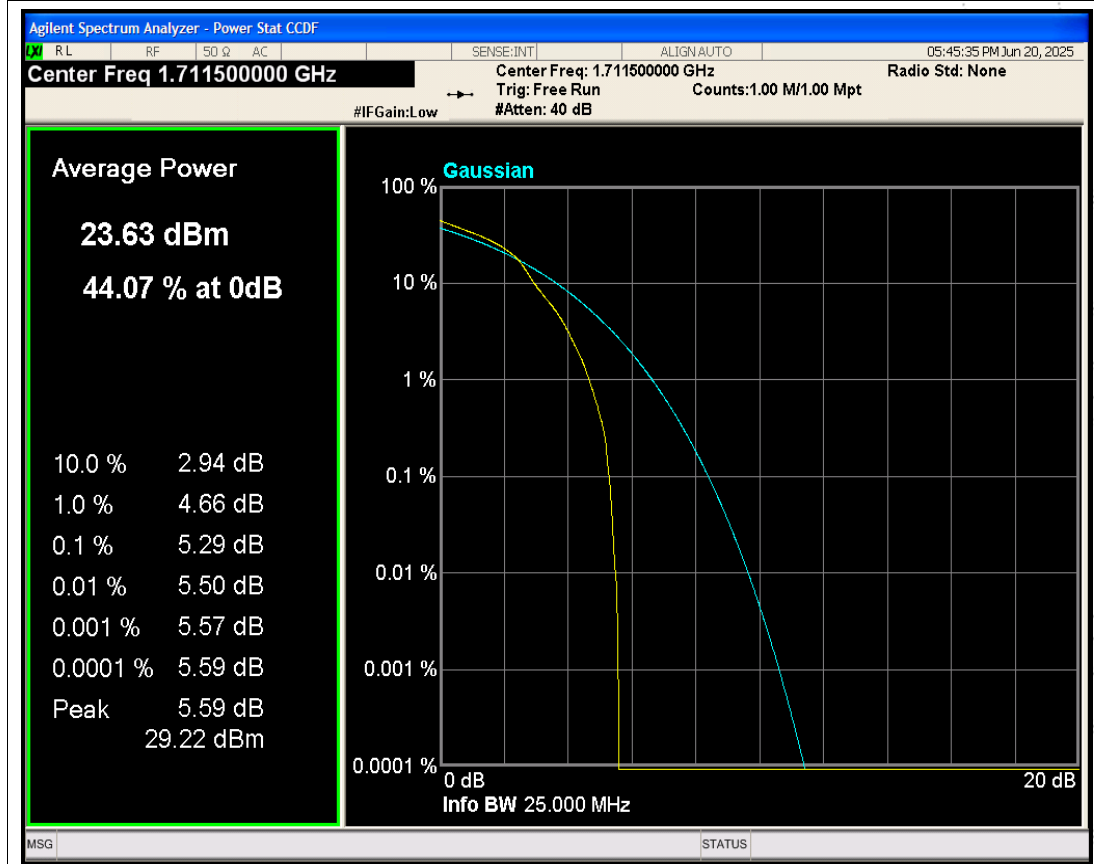
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0 NVNT

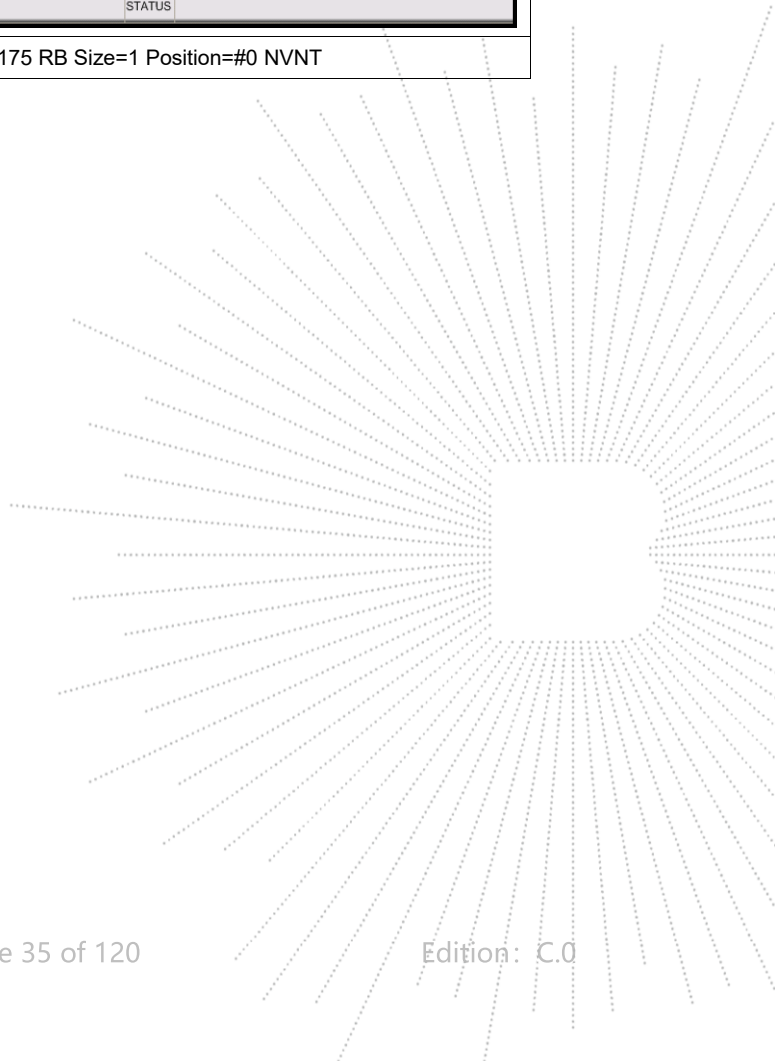
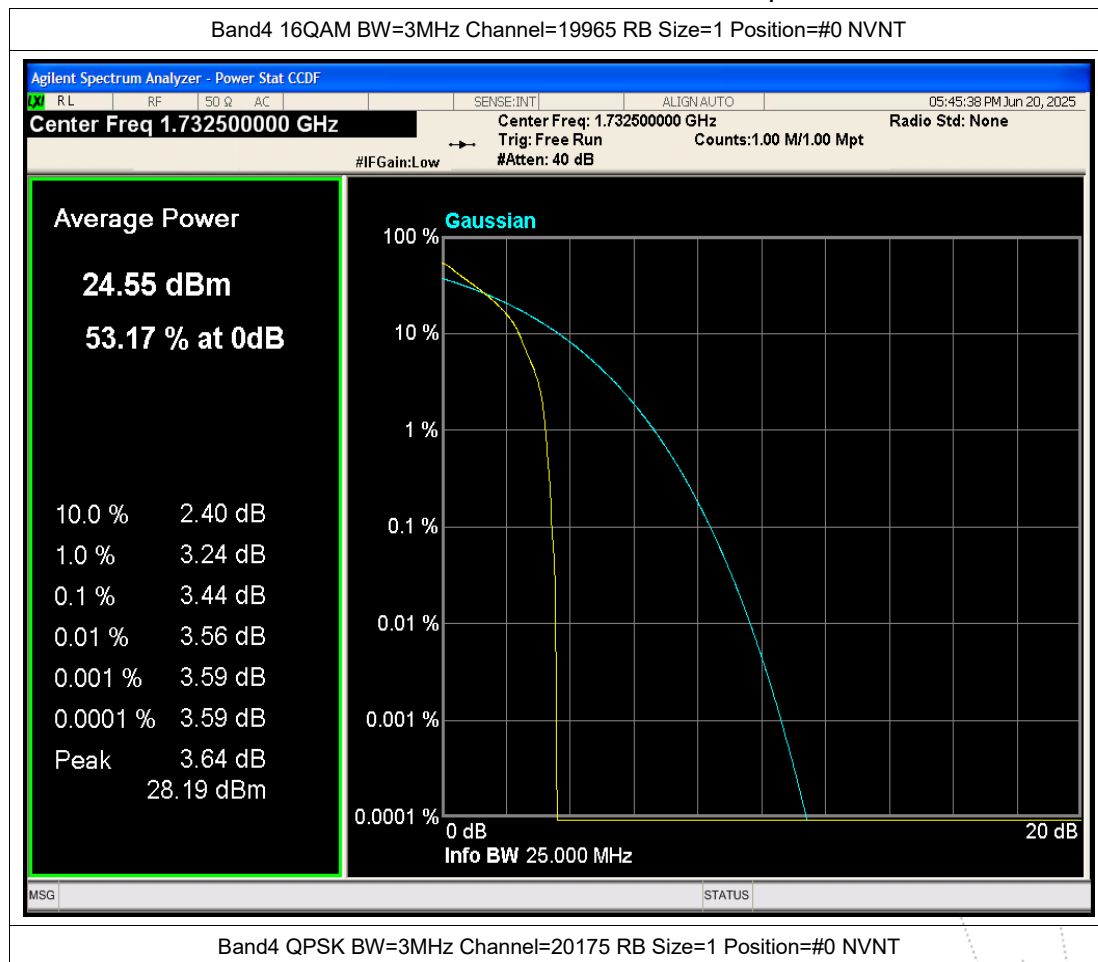


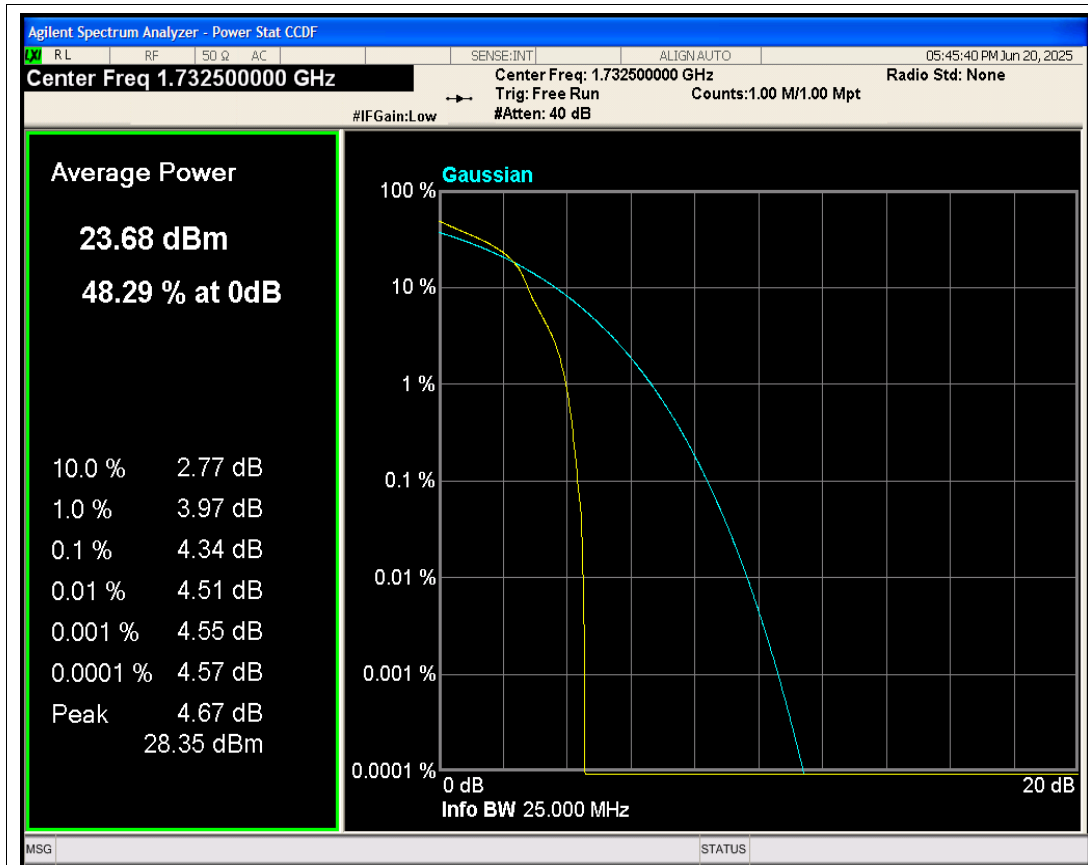




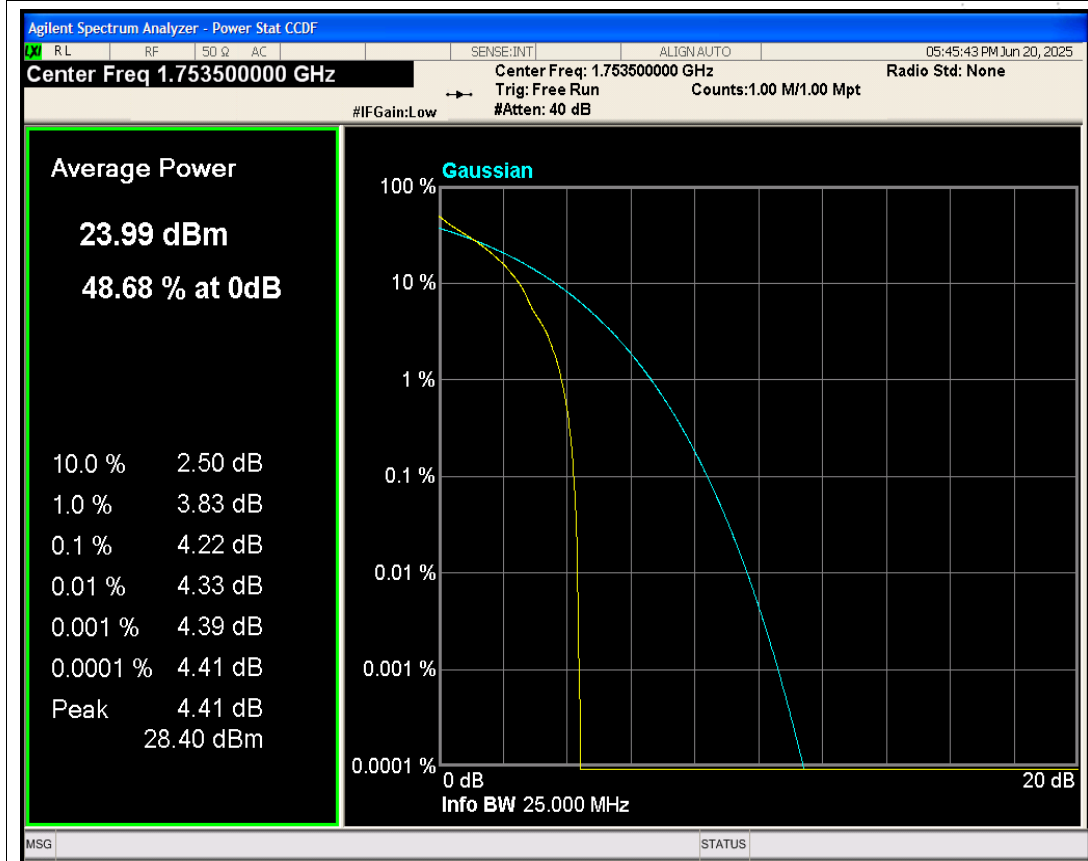
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0 NVNT

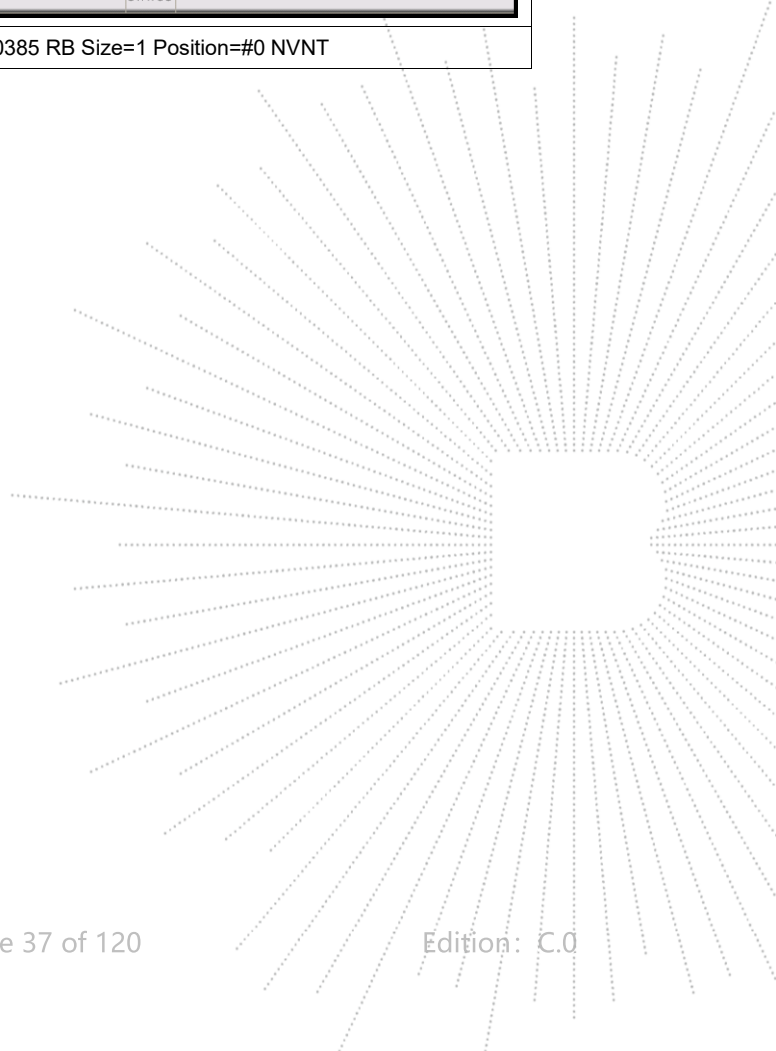
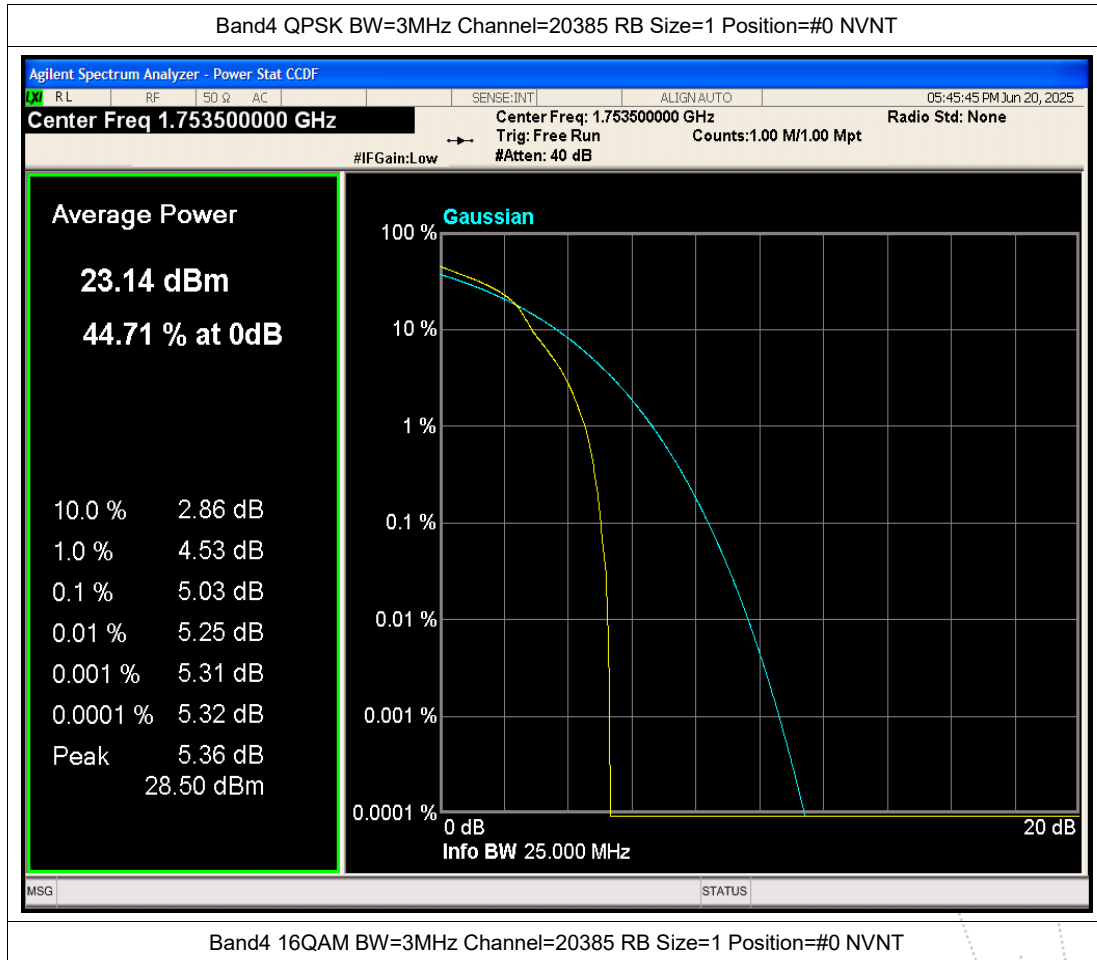


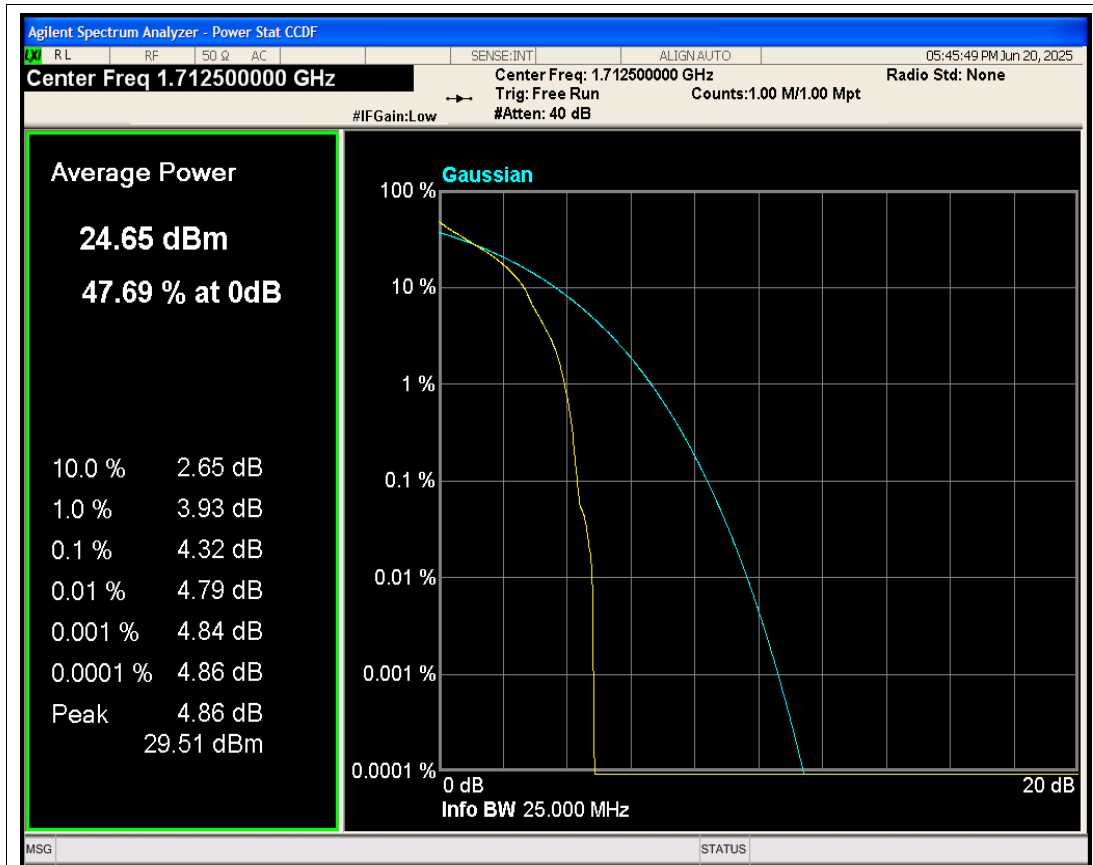




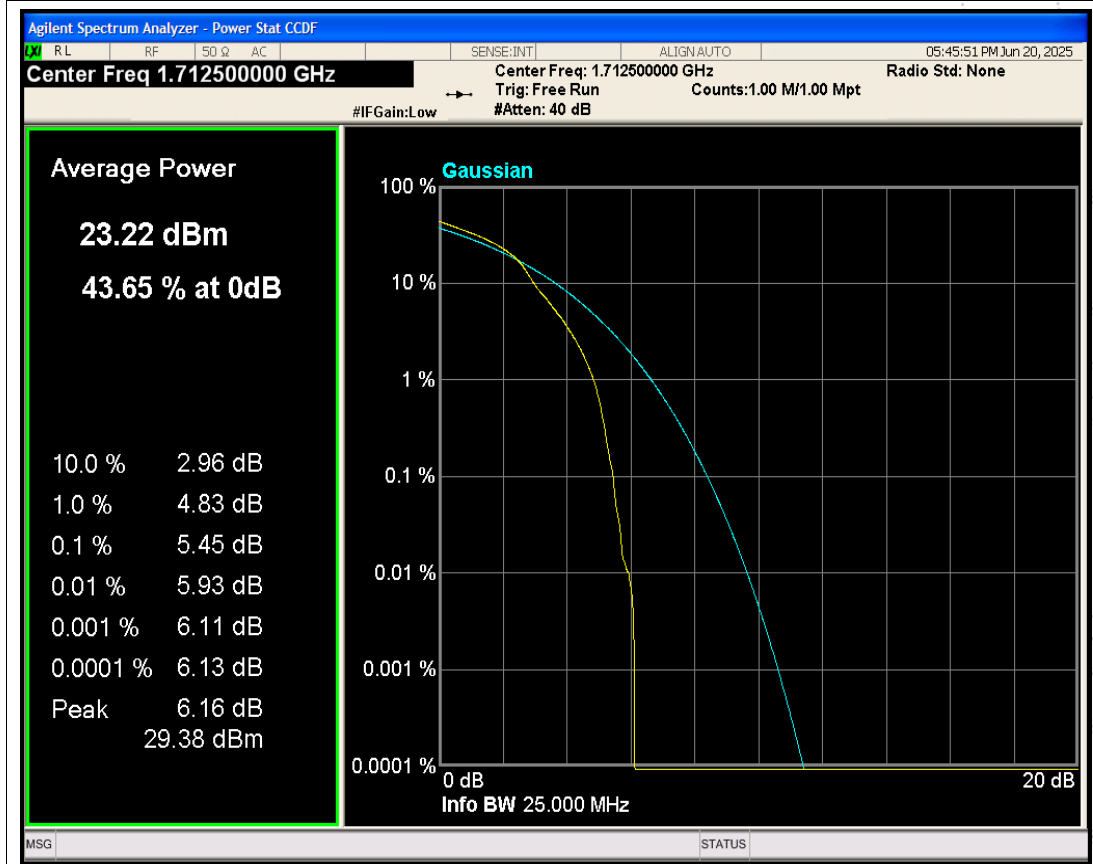
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0 NVNT

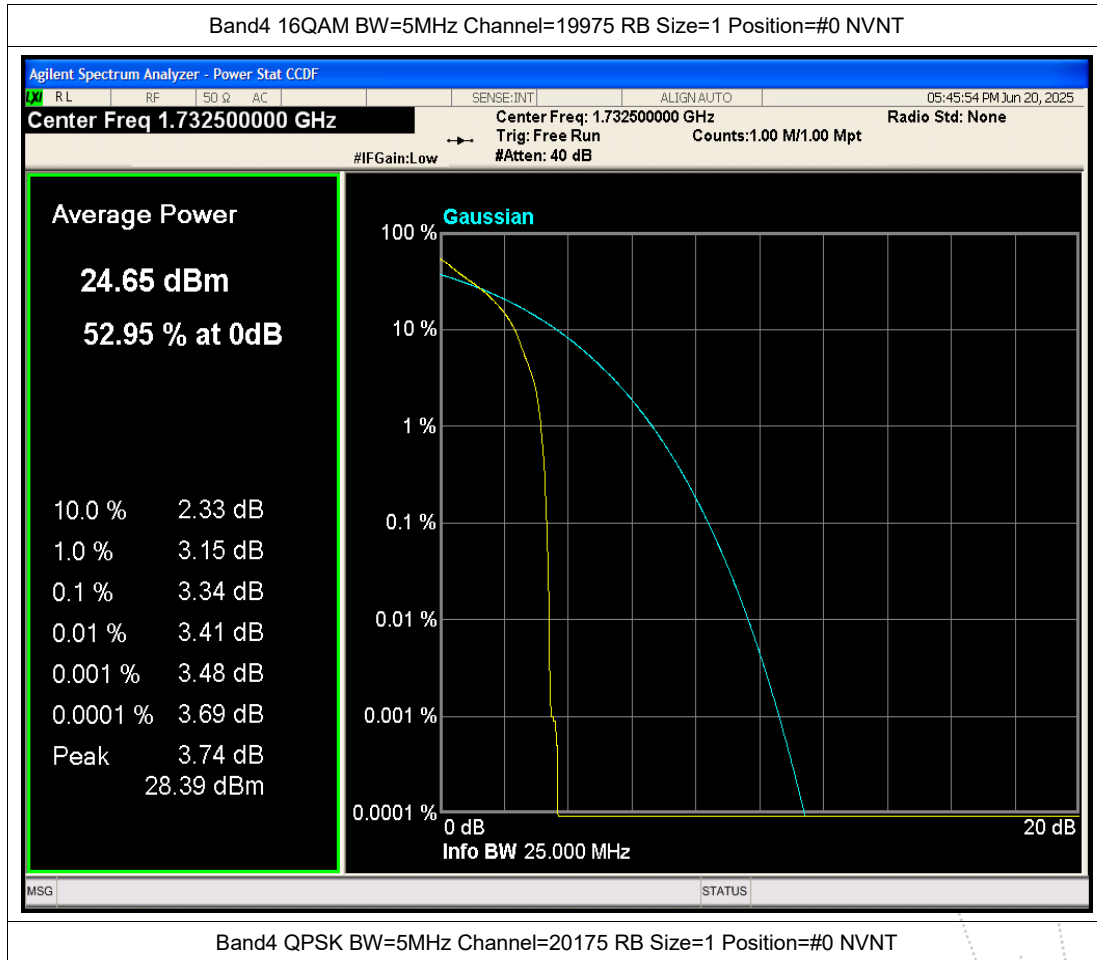


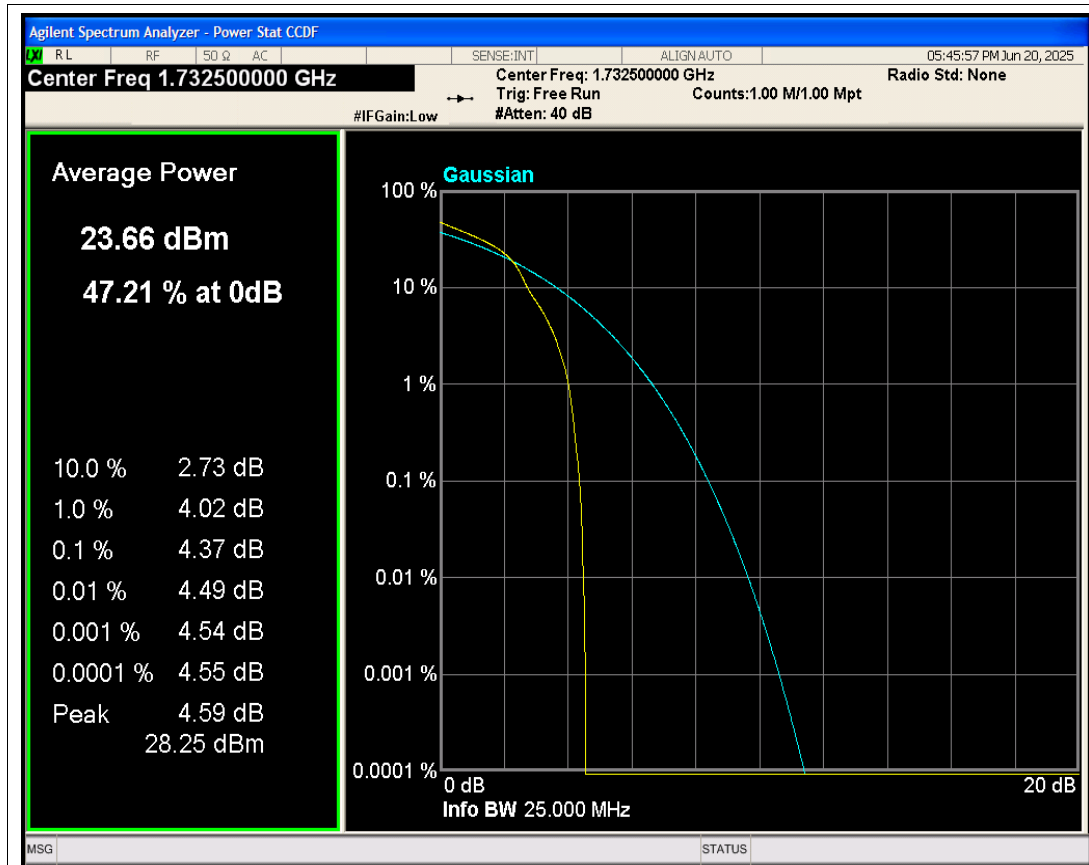




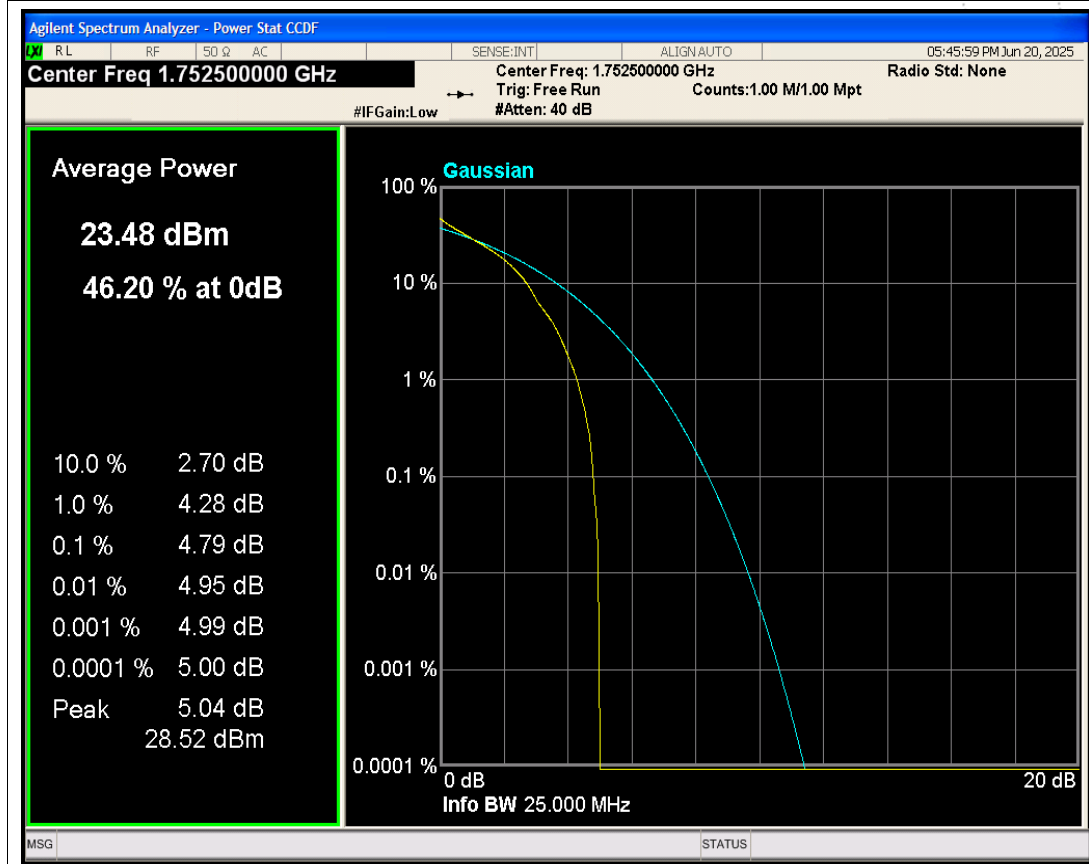
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0 NVNT

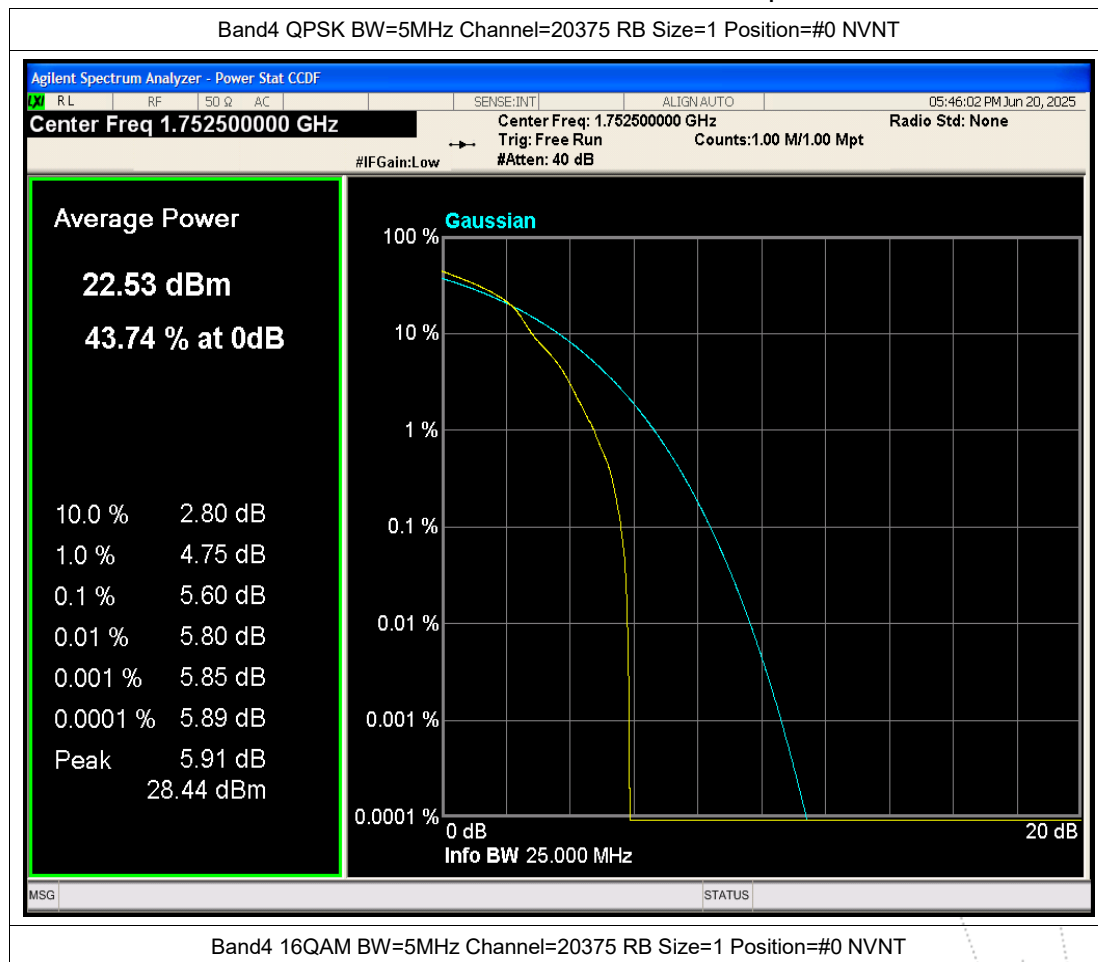


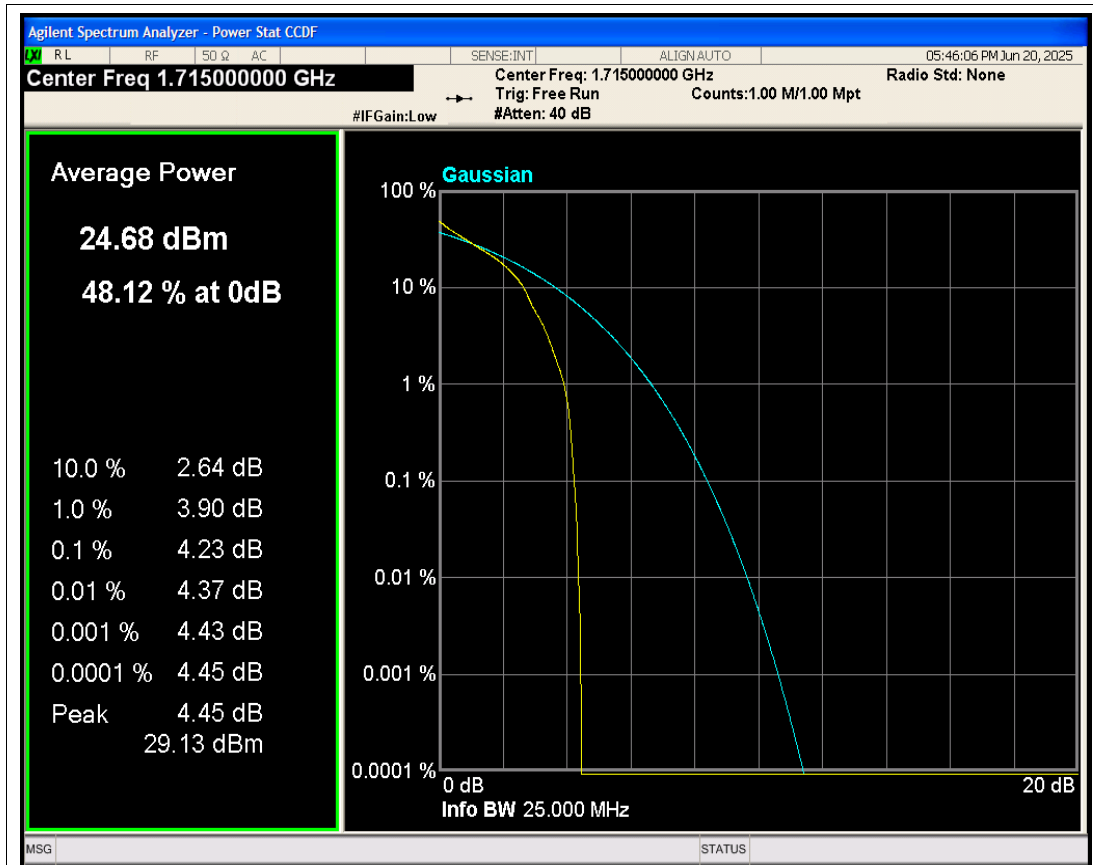




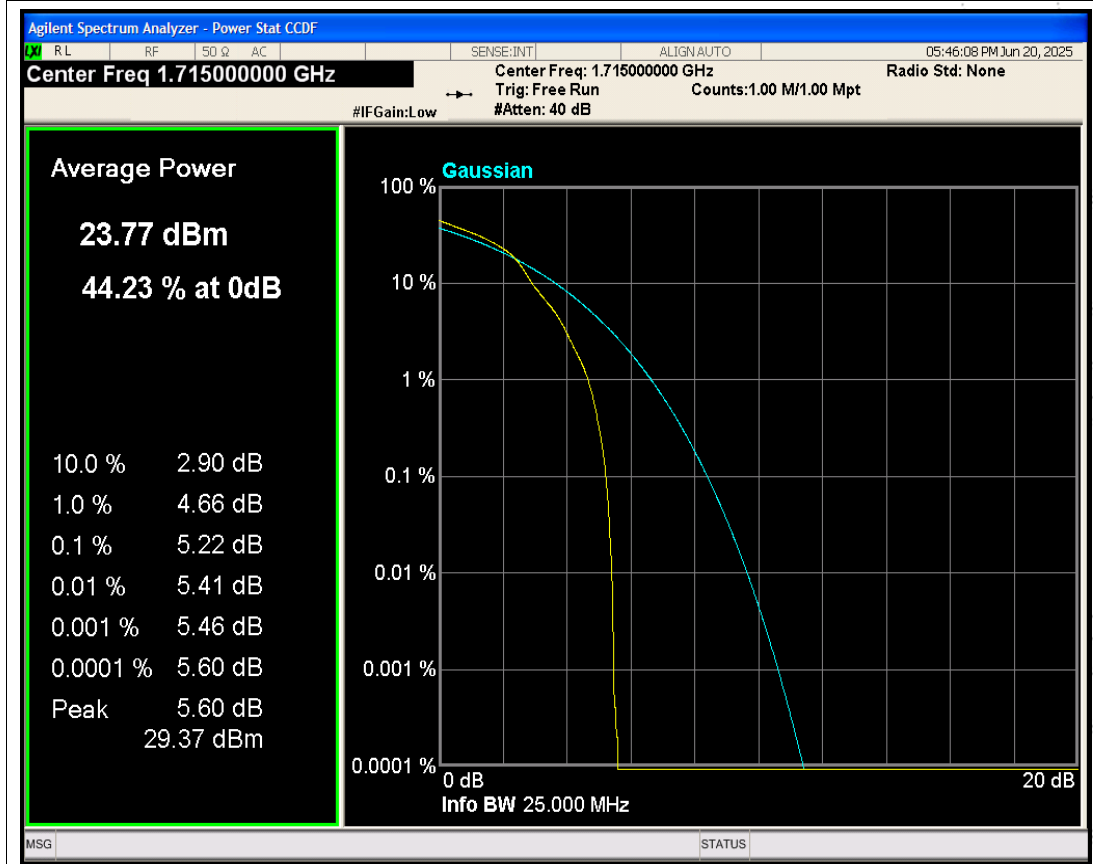
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0 NVNT

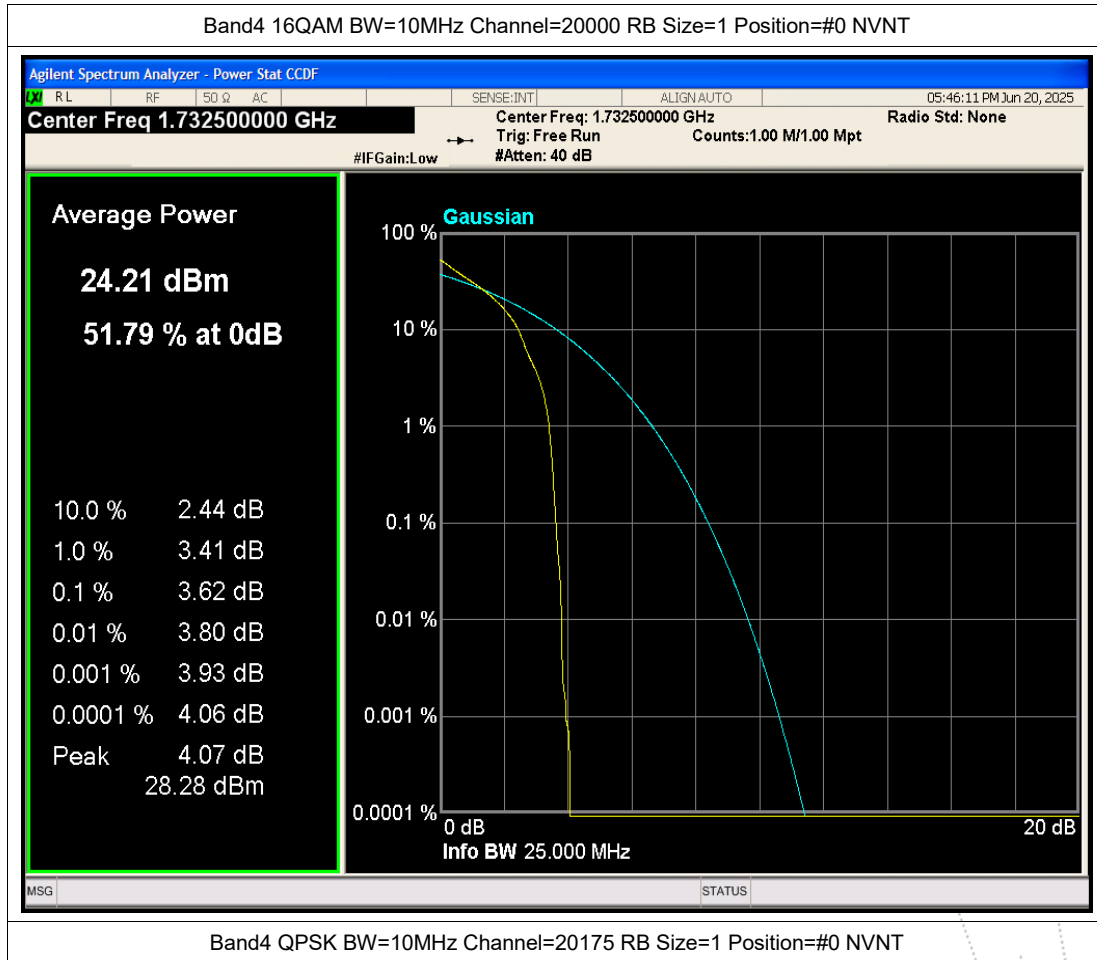


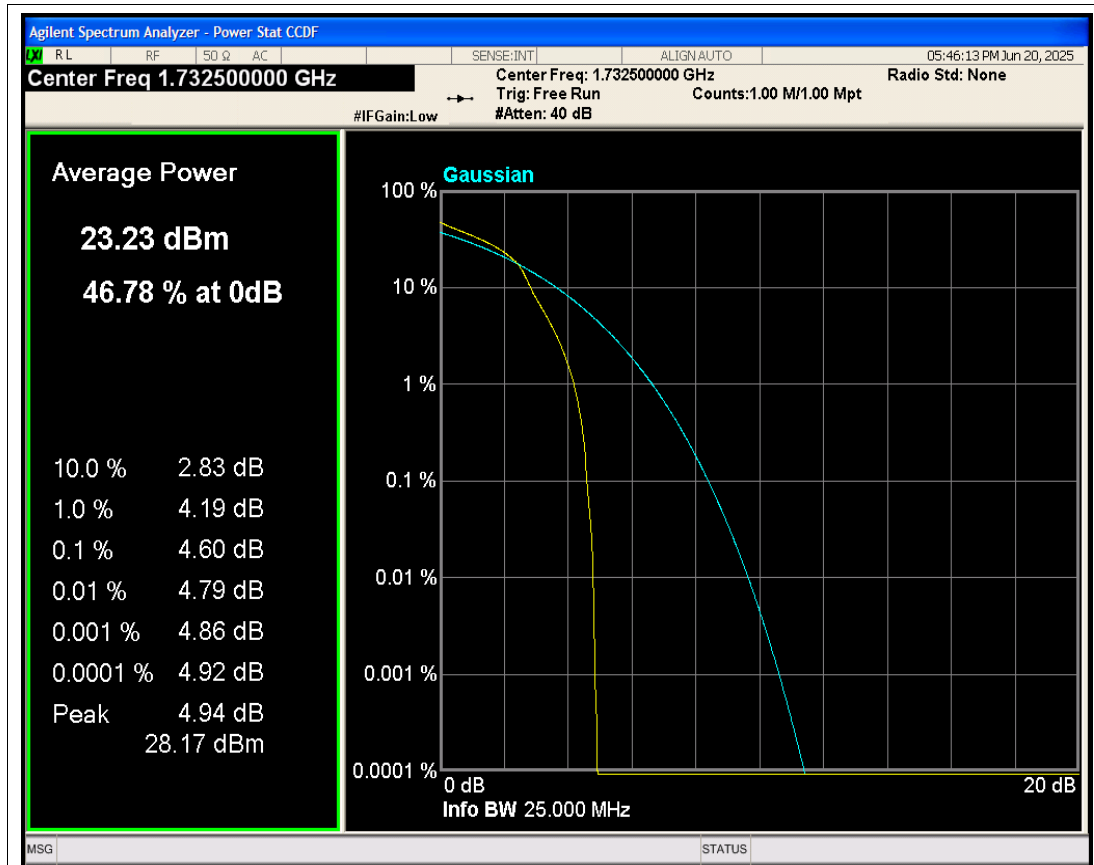




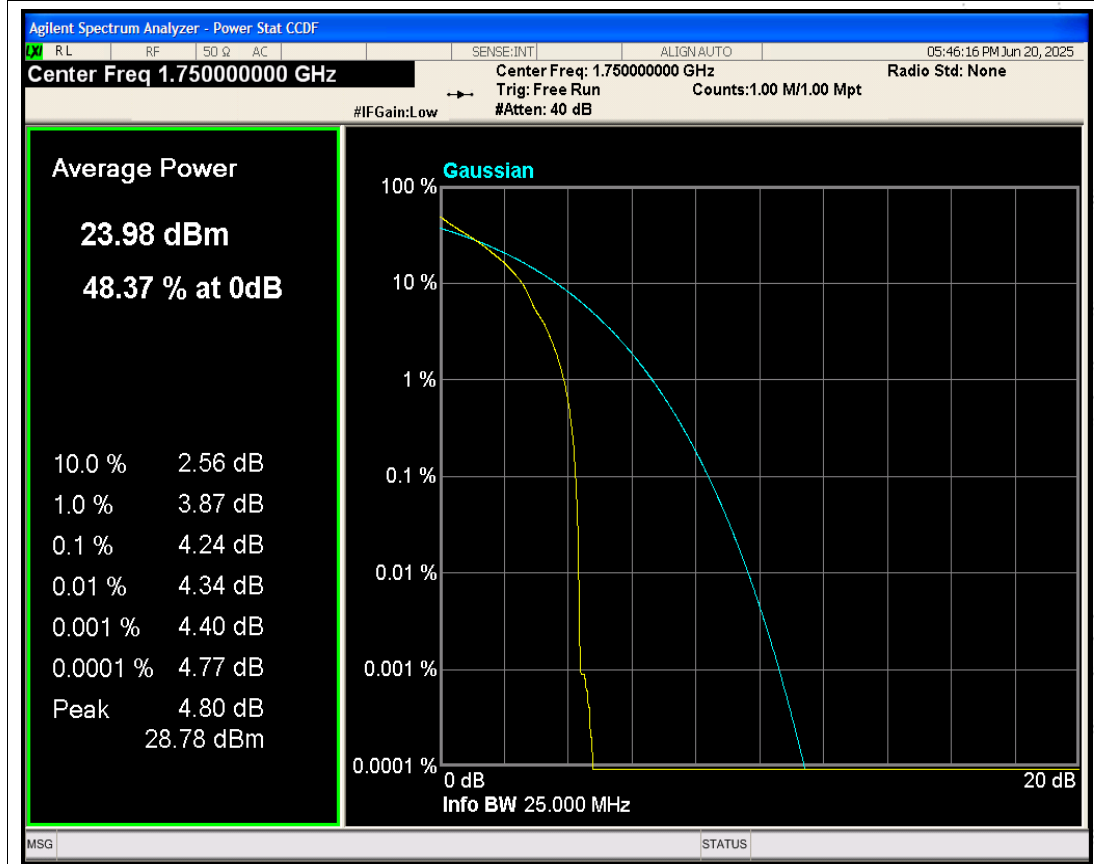
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0 NVNT

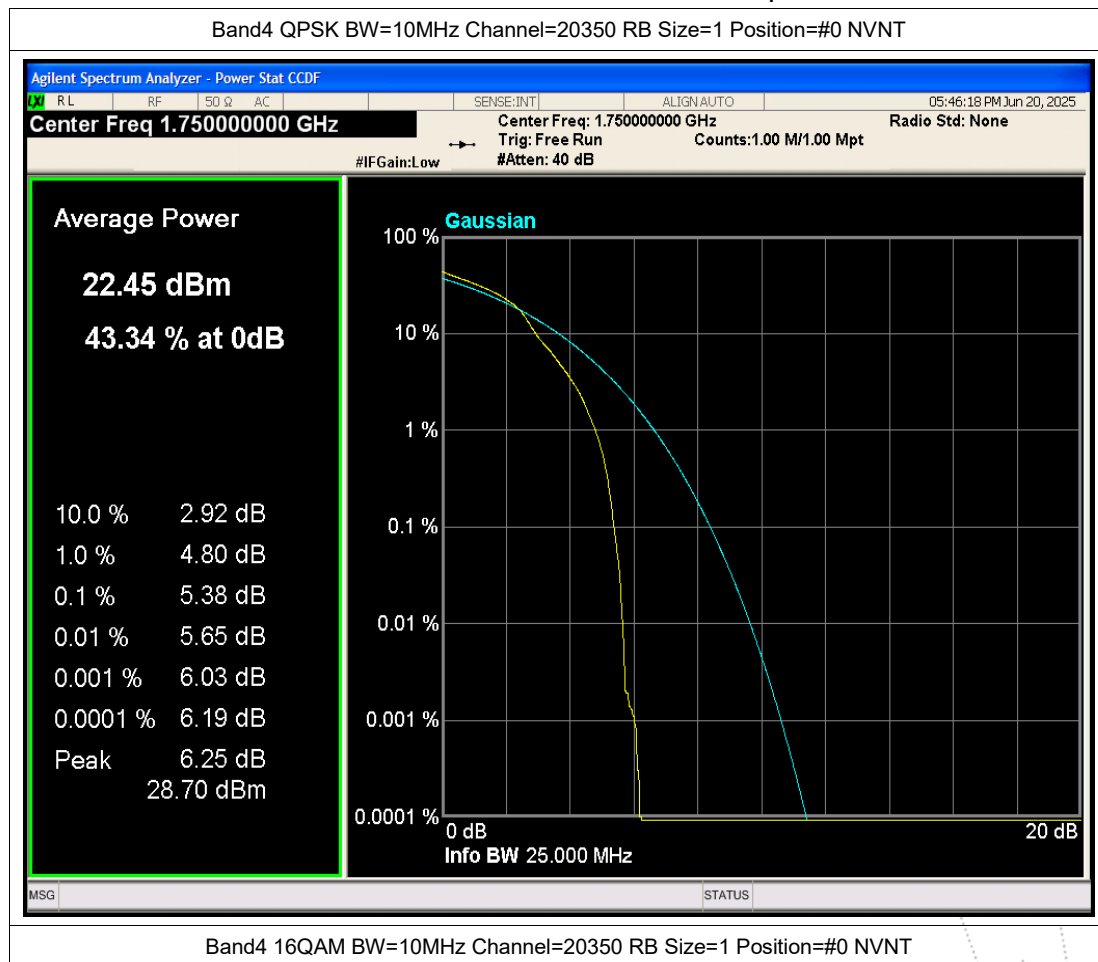


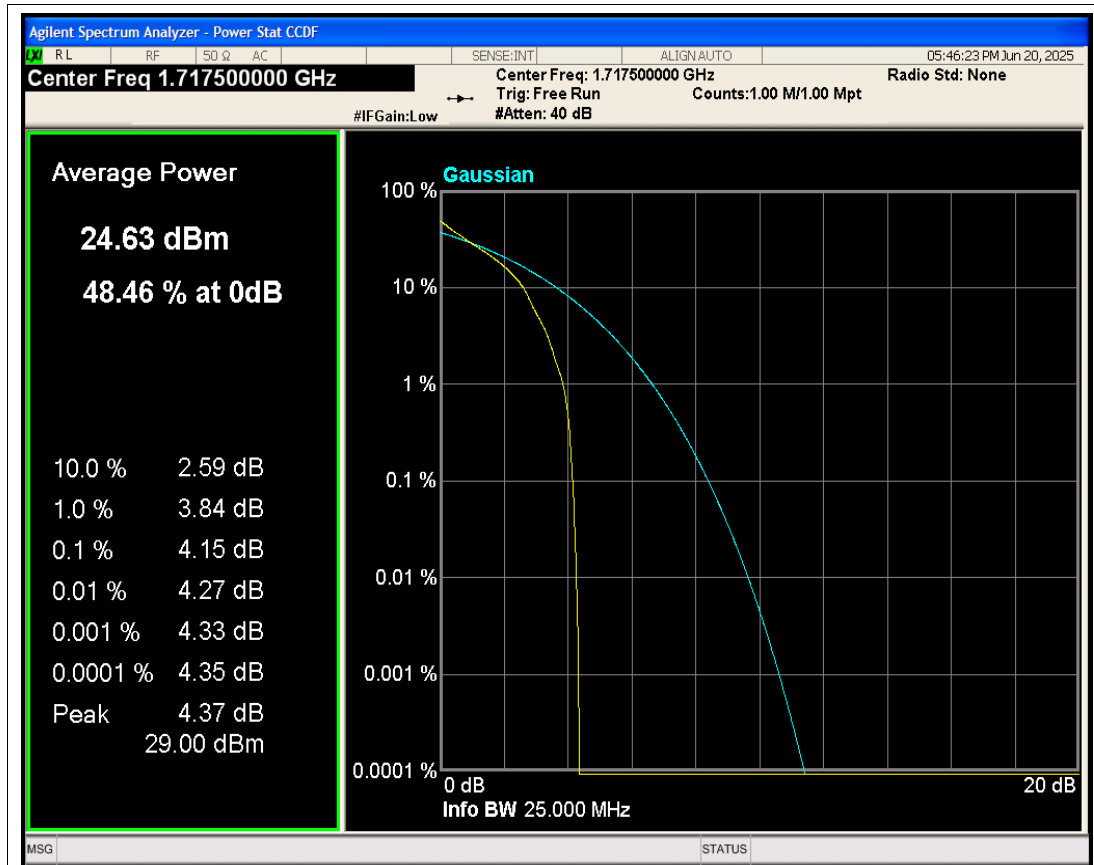




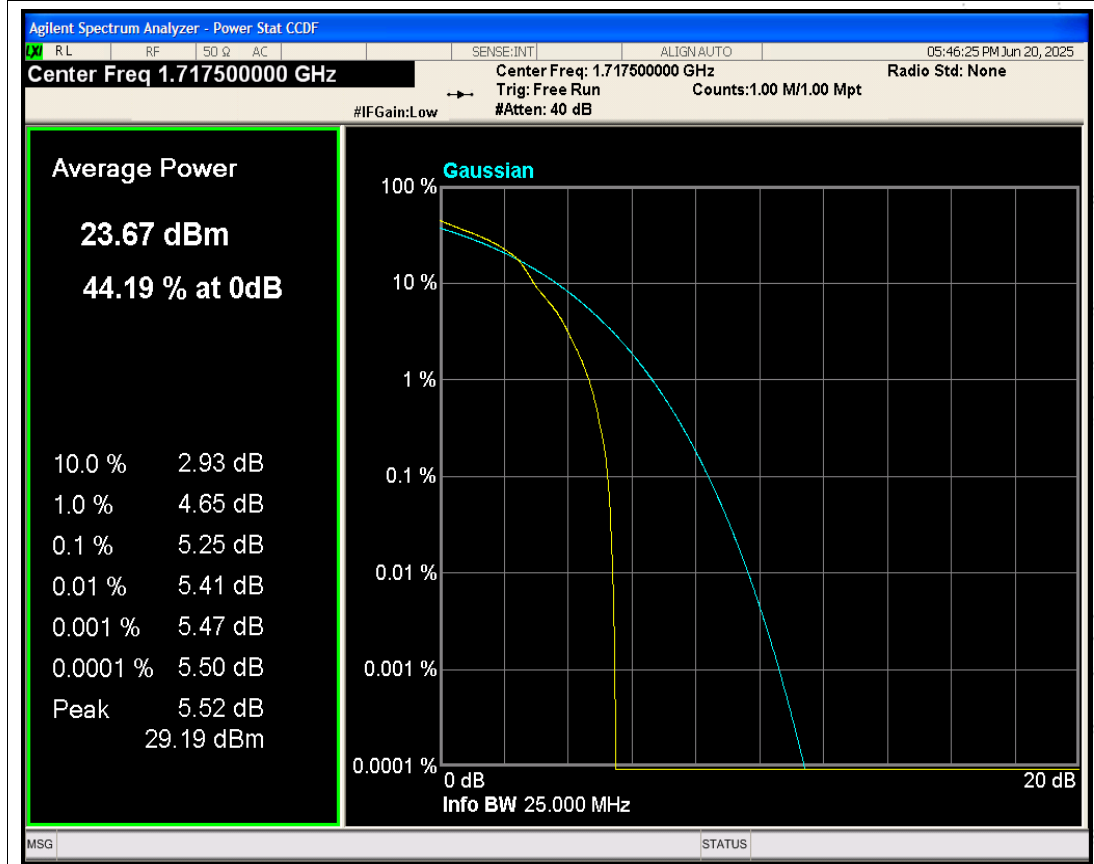
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0 NVNT

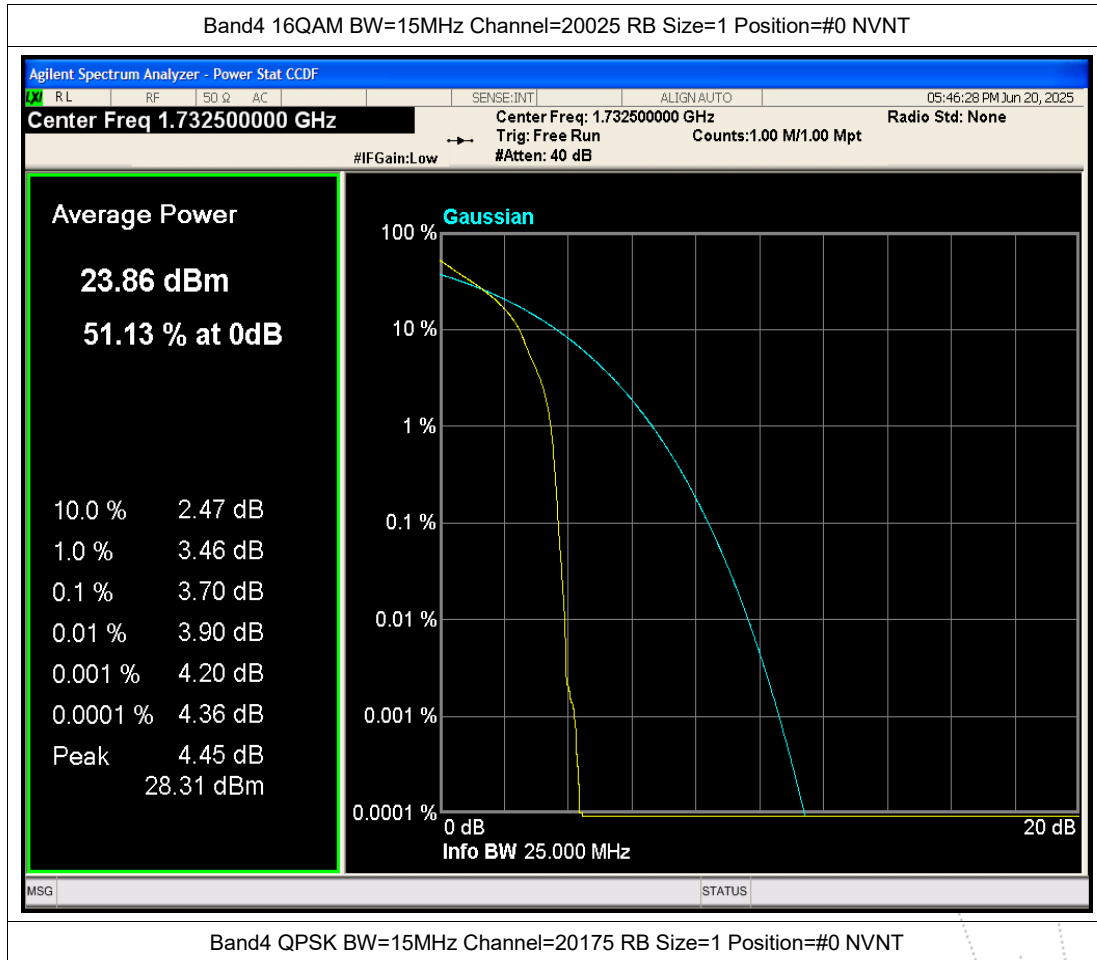


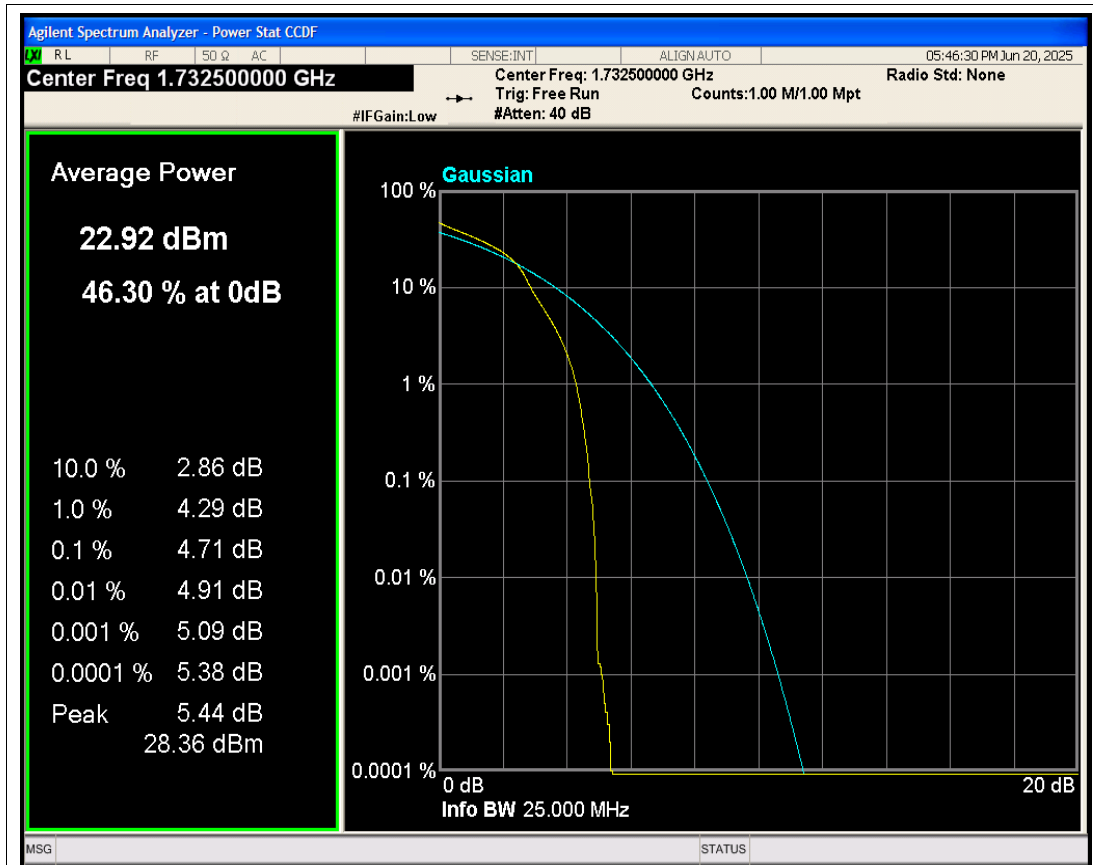




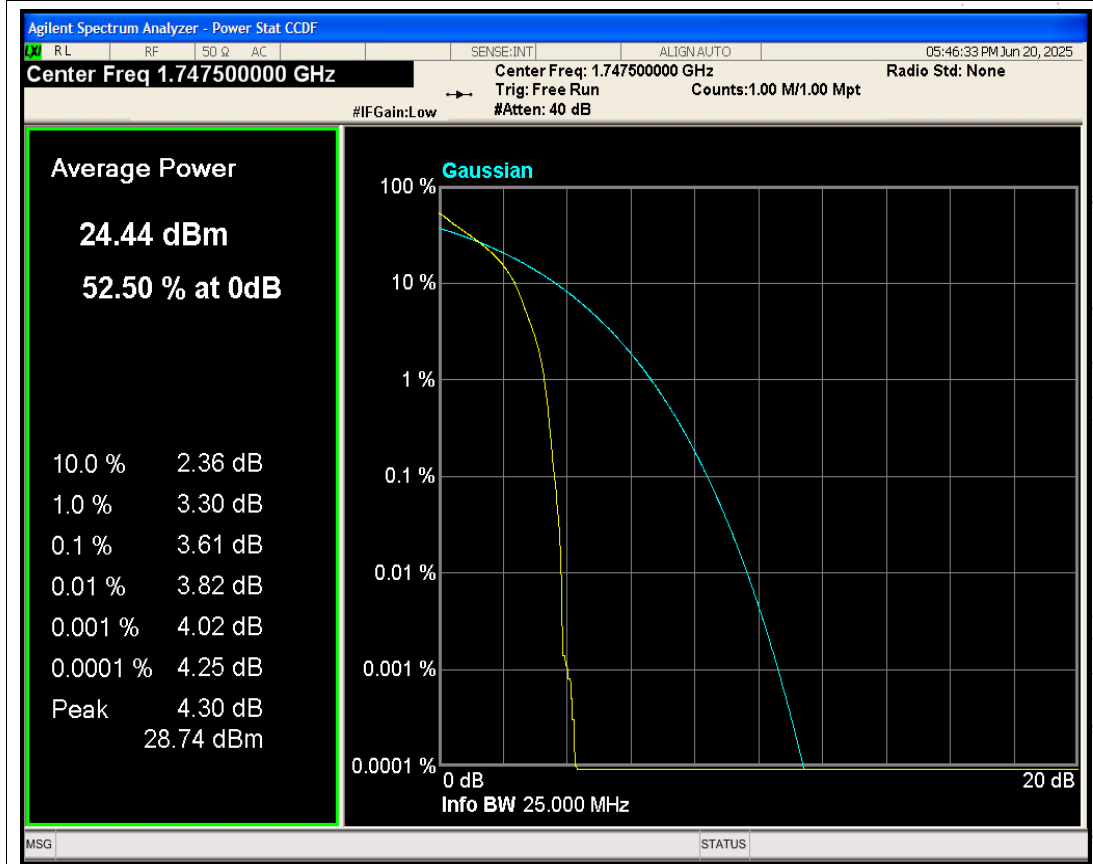
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0 NVNT

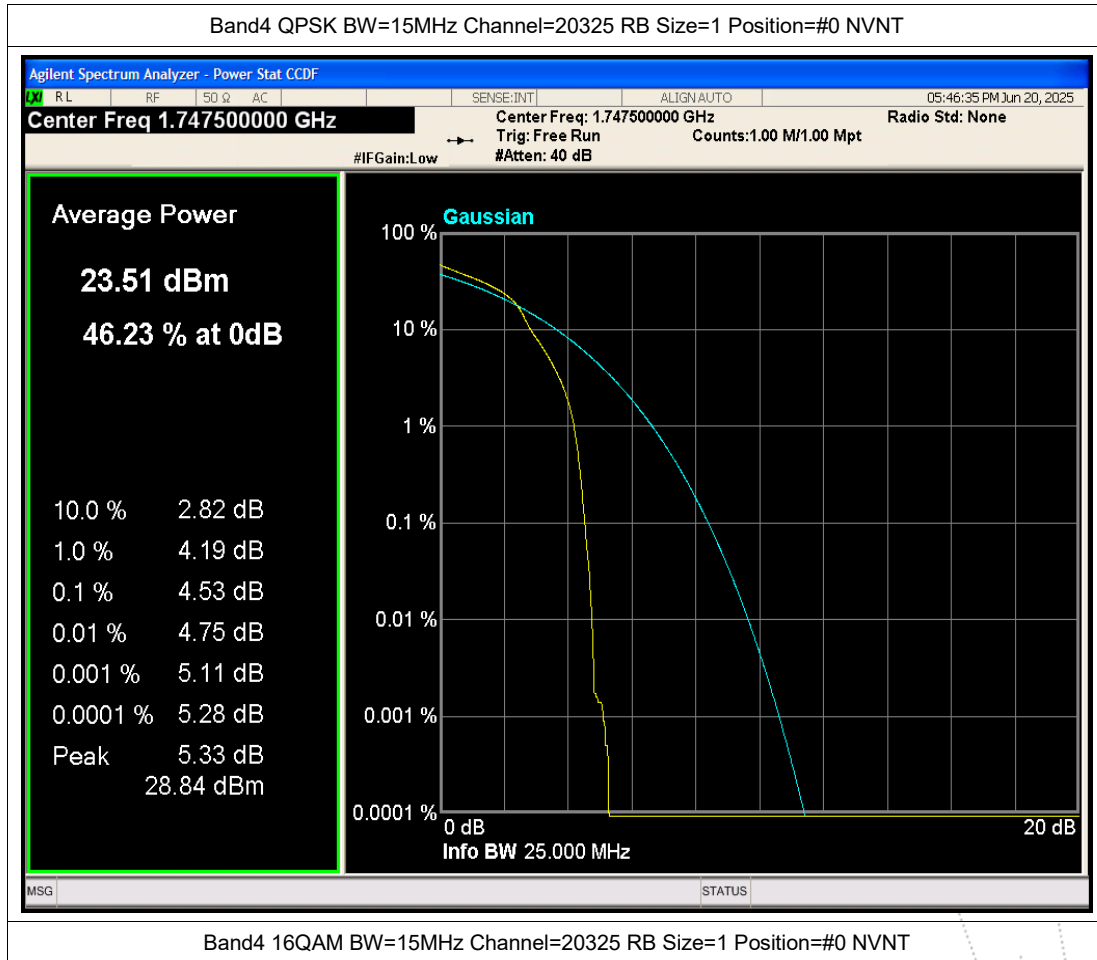


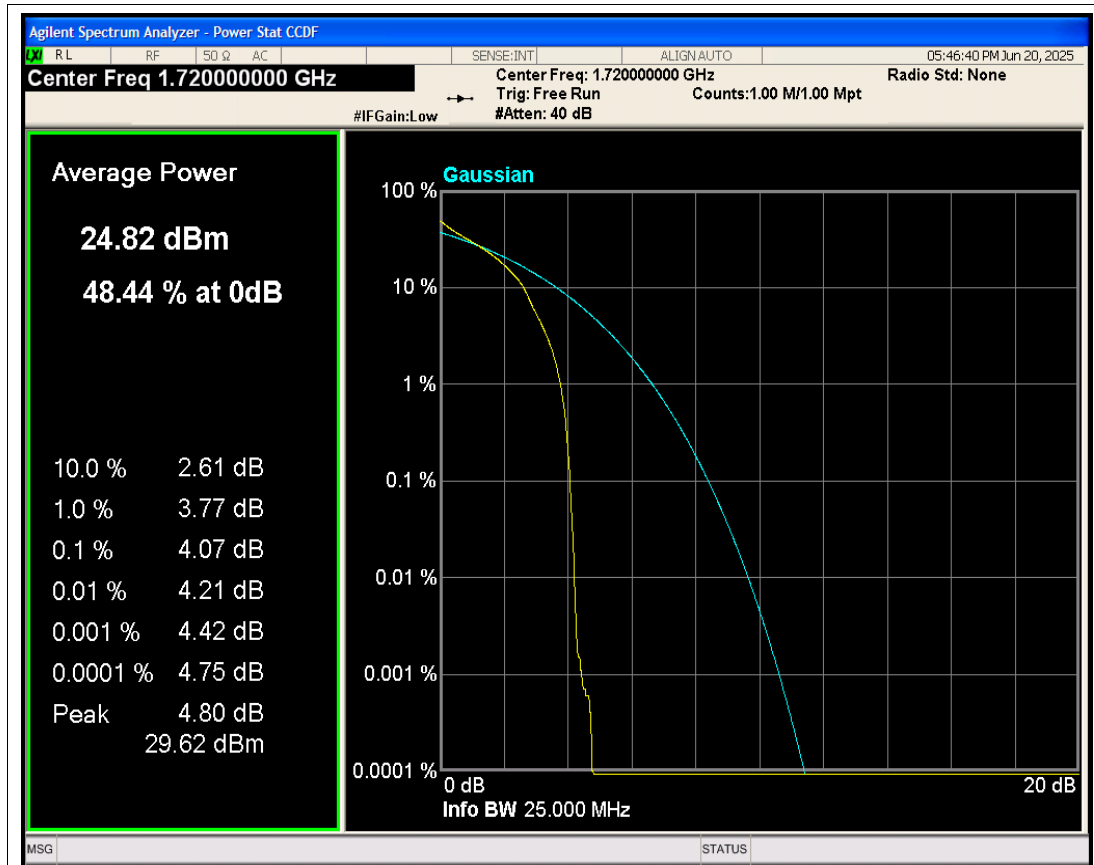




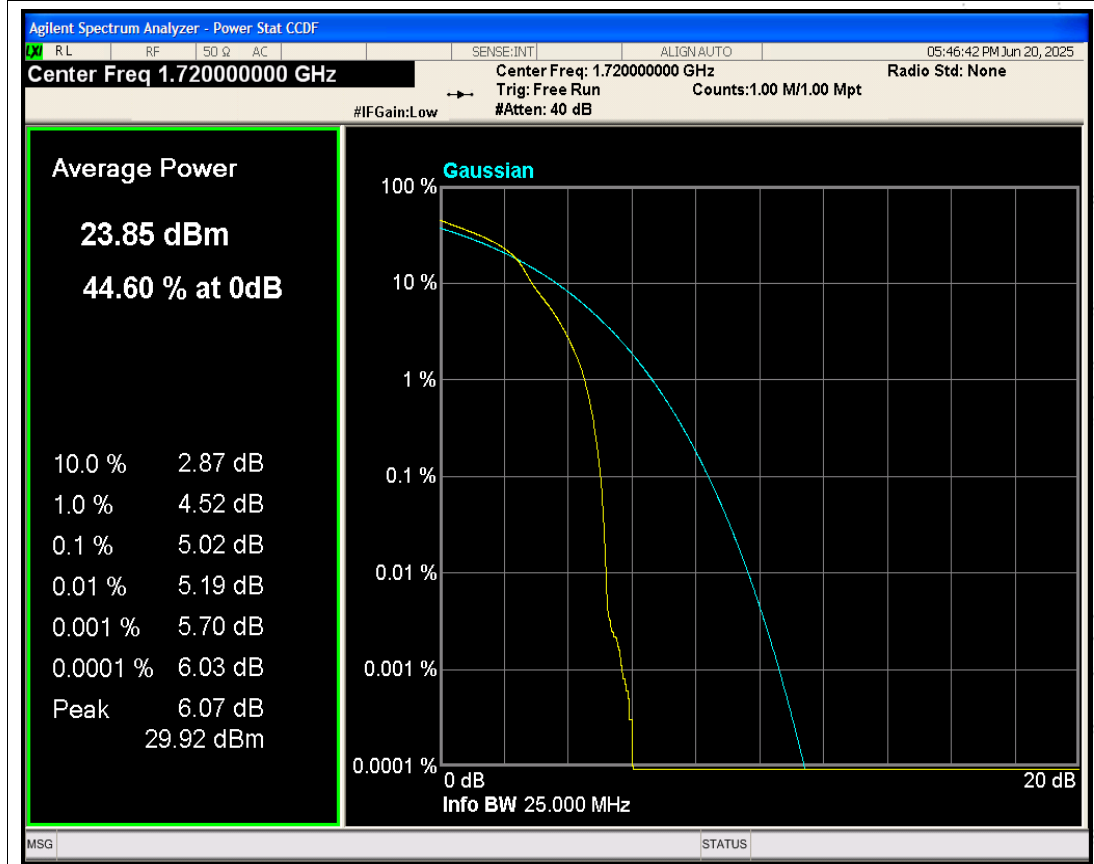
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0 NVNT

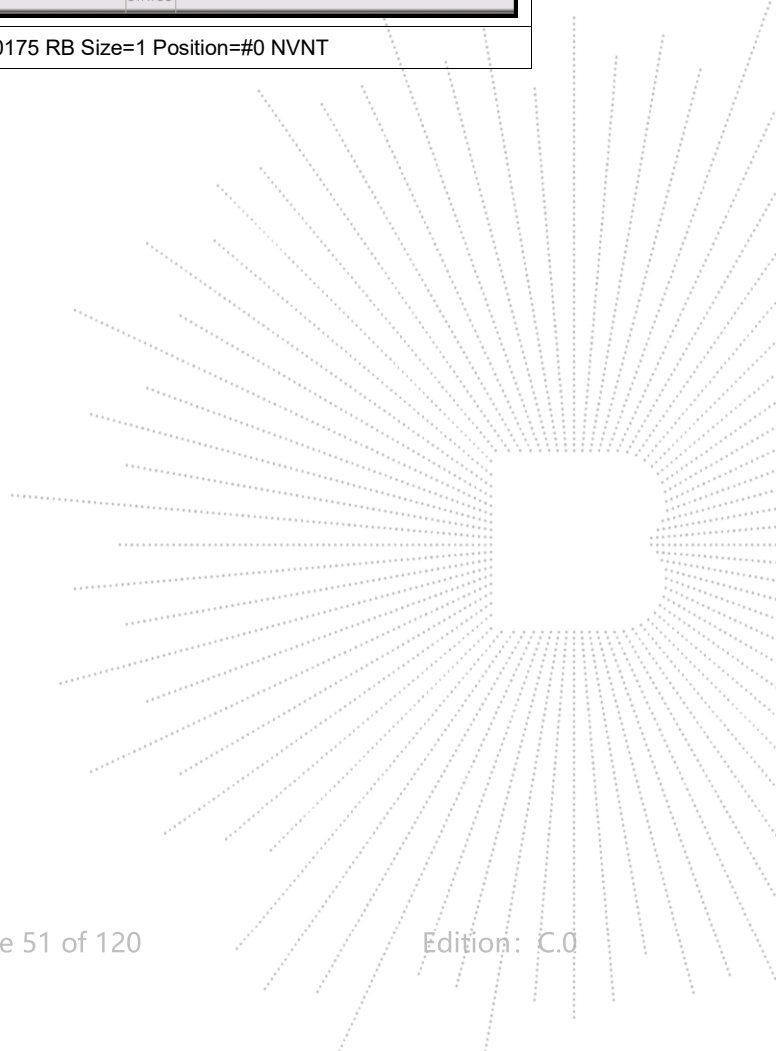
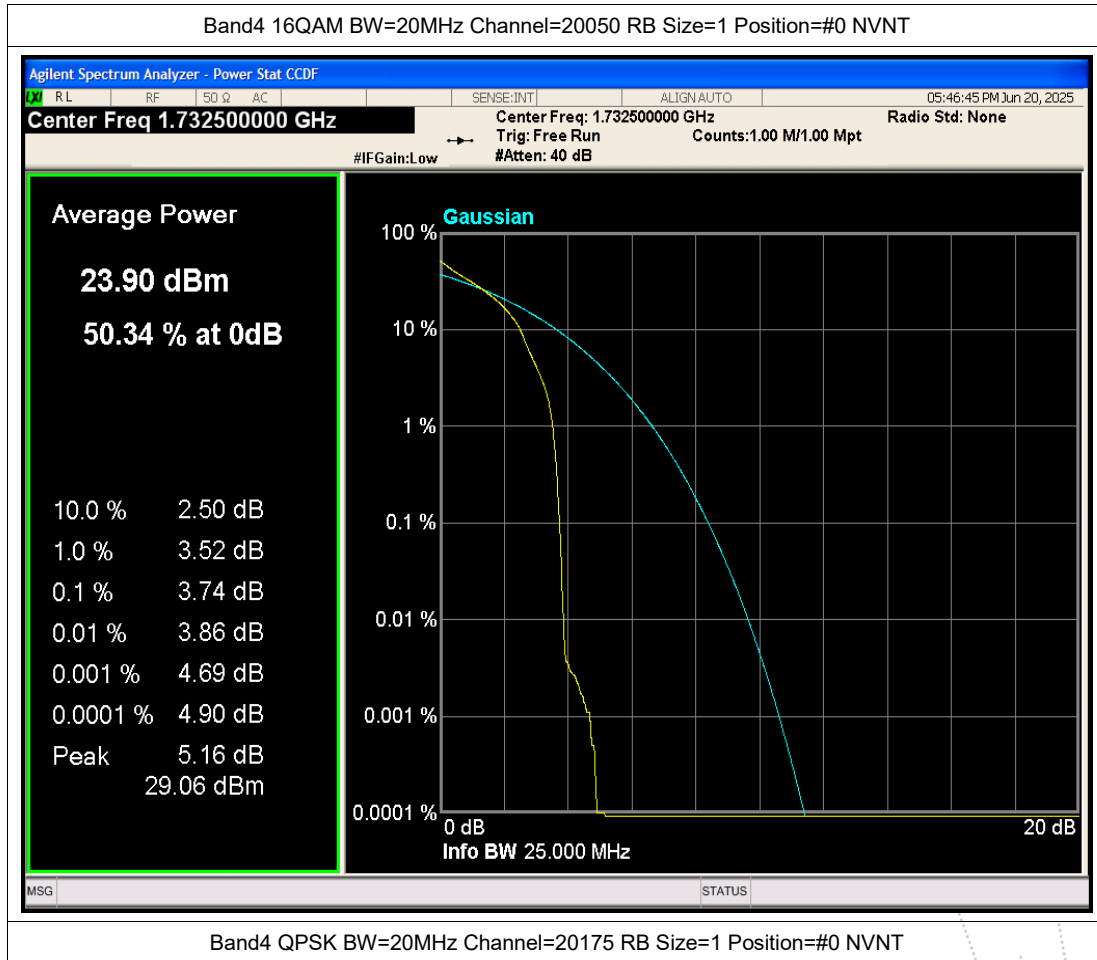


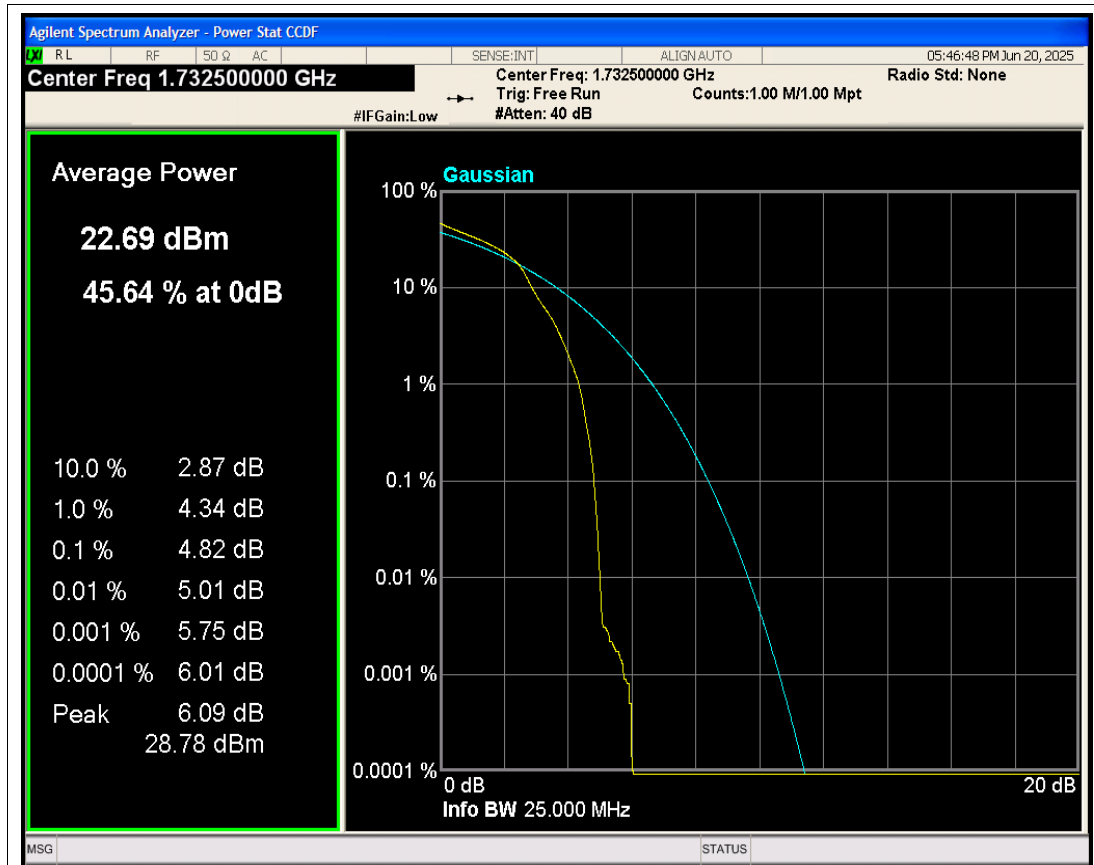




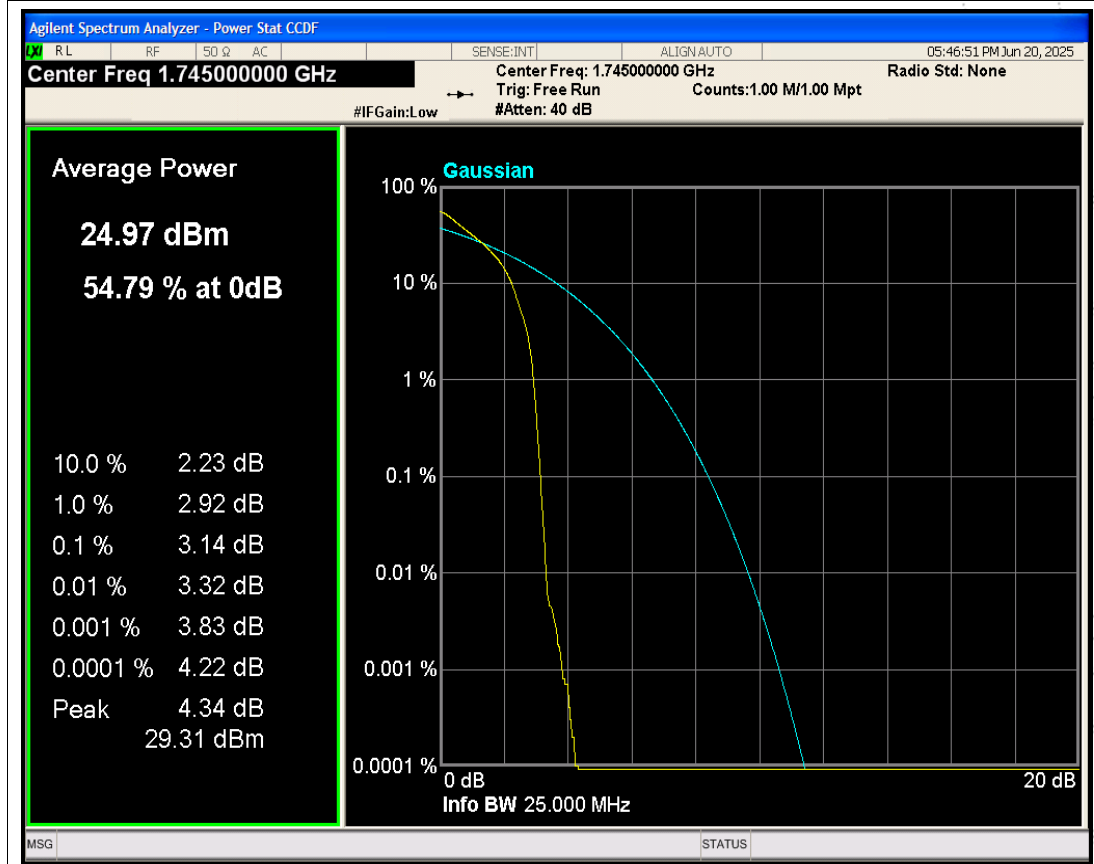
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0 NVNT

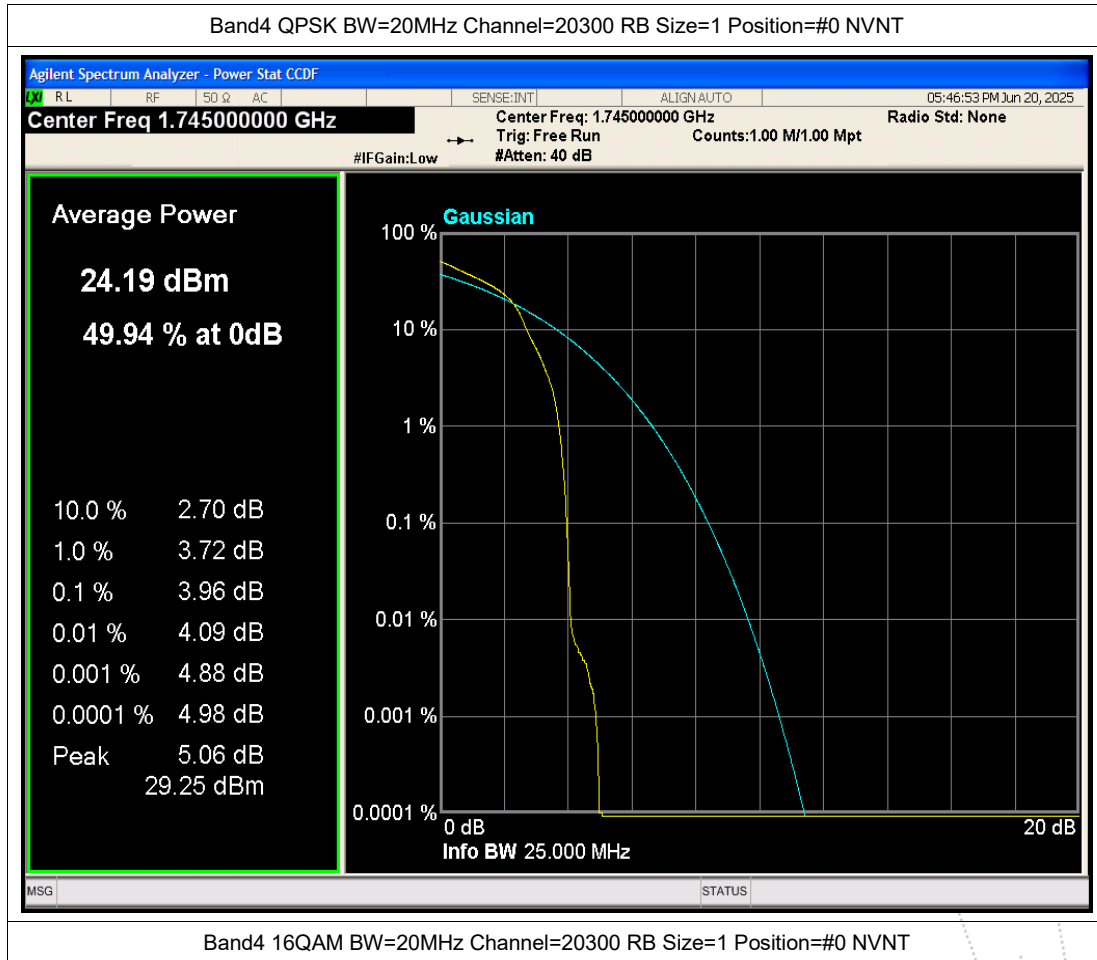






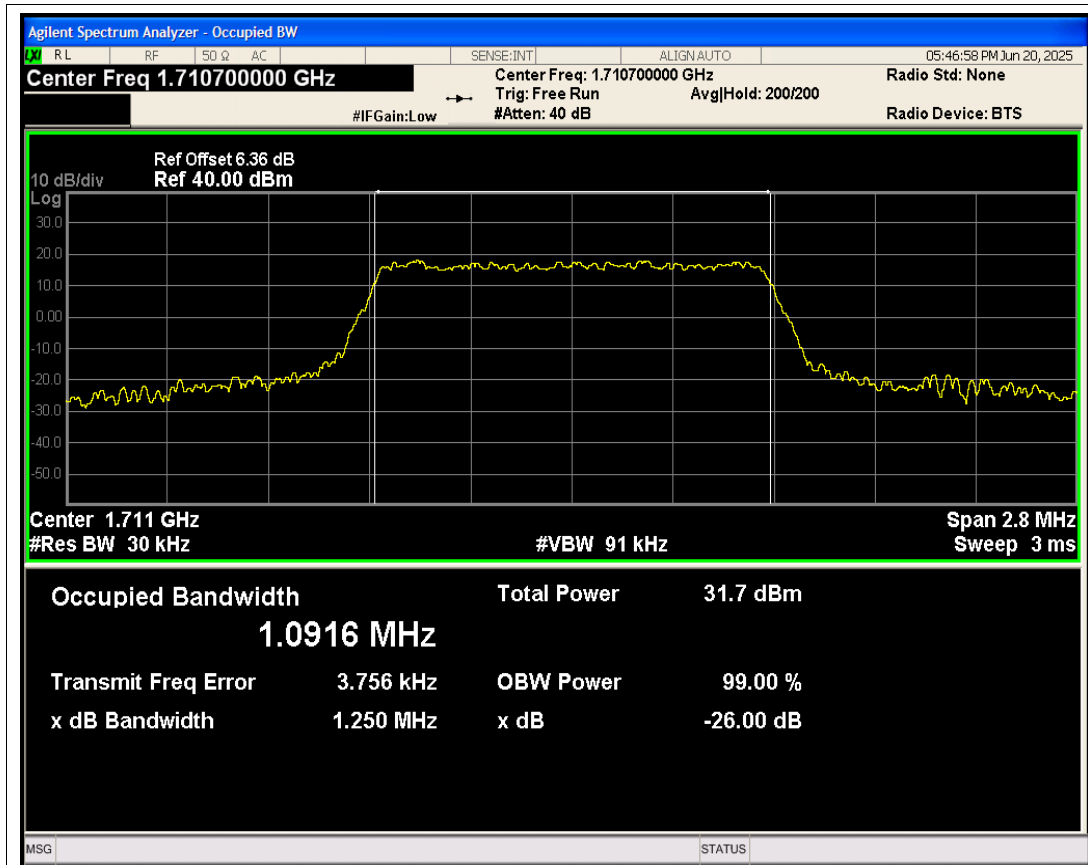
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0 NVNT



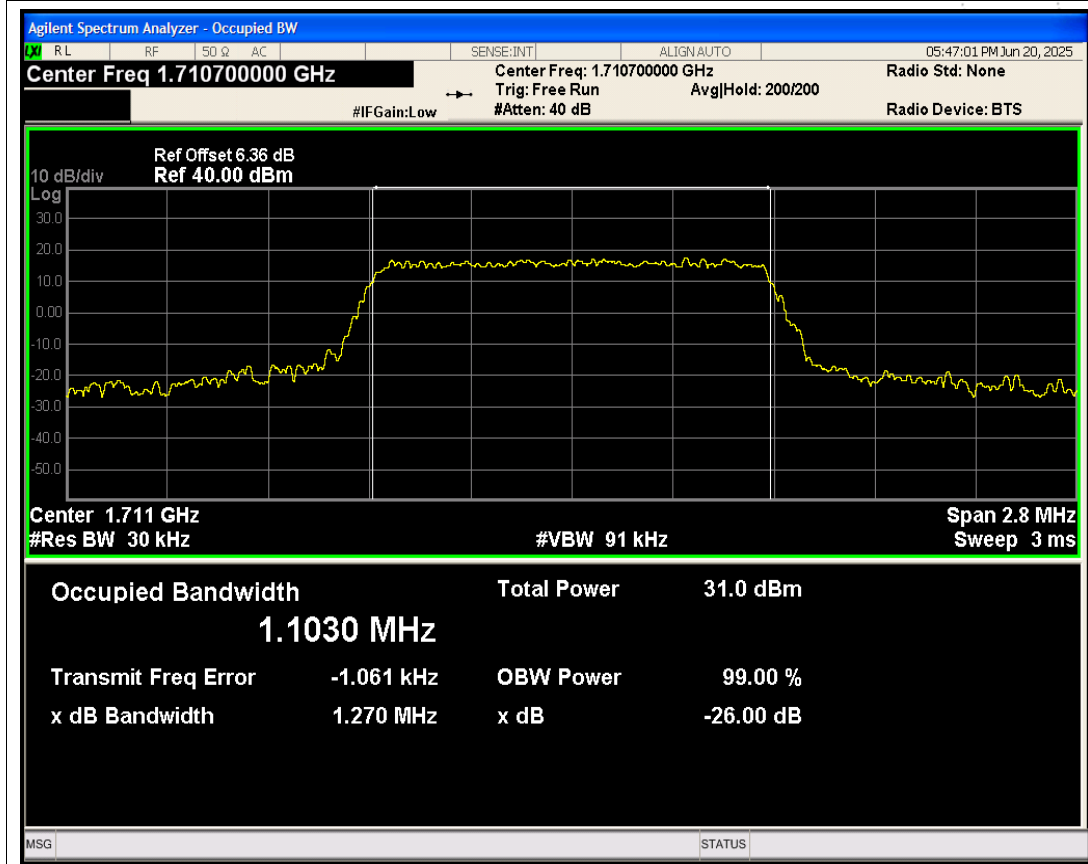


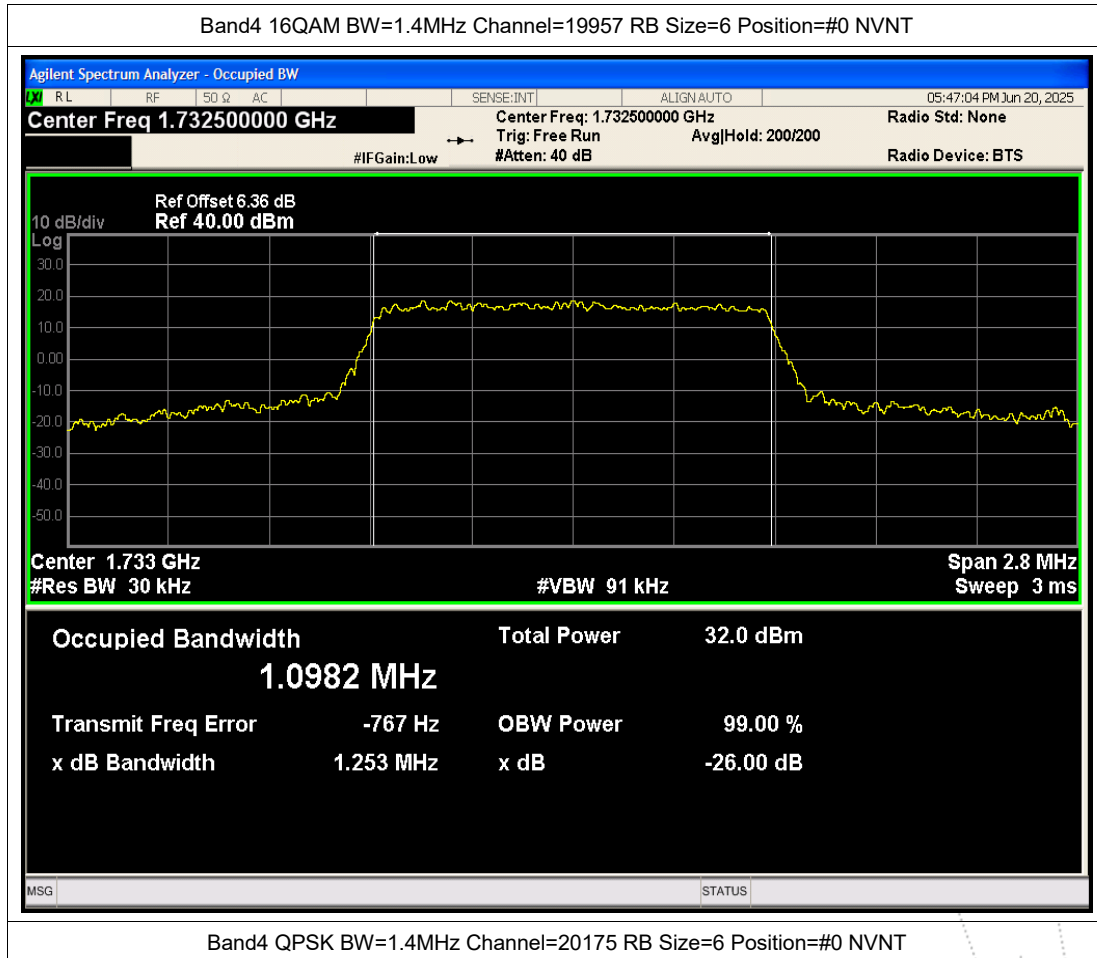
Appendix 4.Occupied bandwidth

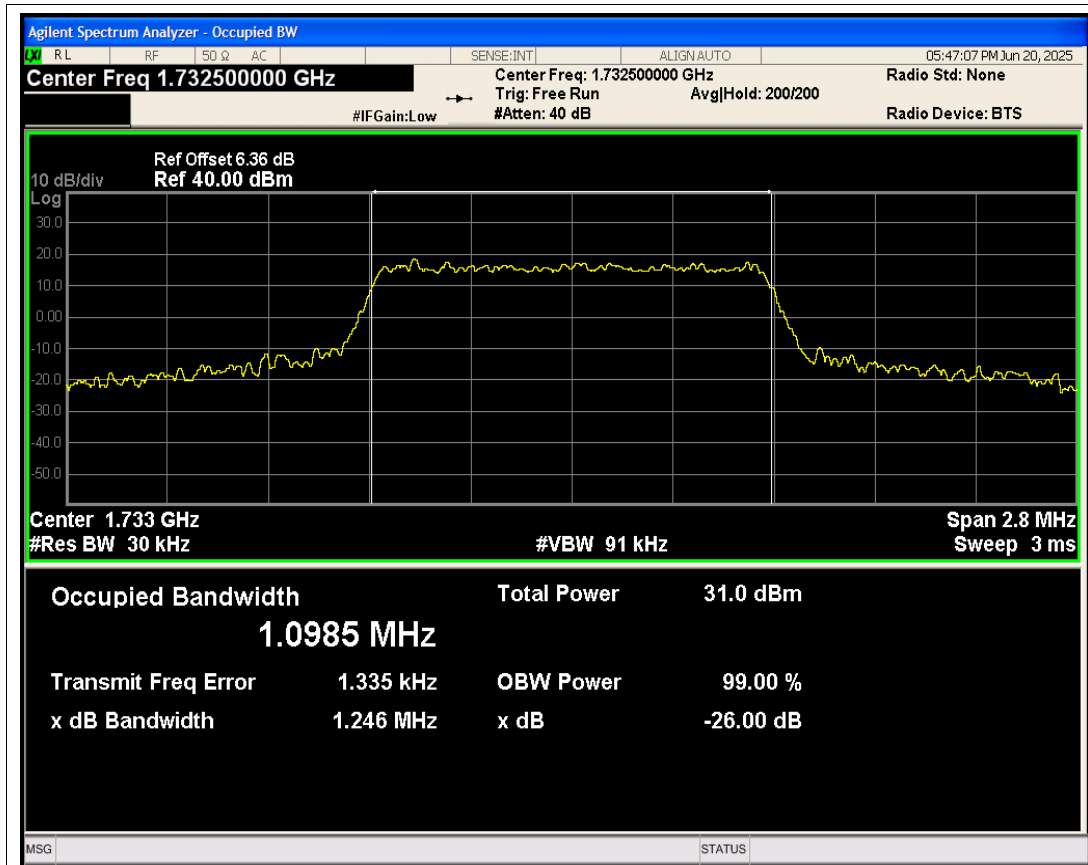
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band4	1.4	19957	6	#0	QPSK	1.092	1.250	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	1.103	1.270	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	1.098	1.253	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	1.098	1.246	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	1.099	1.247	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	1.098	1.251	PASS
NVNT	Band4	3	19965	15	#0	QPSK	2.721	3.034	PASS
NVNT	Band4	3	19965	15	#0	16QAM	2.702	3.015	PASS
NVNT	Band4	3	20175	15	#0	QPSK	2.705	3.018	PASS
NVNT	Band4	3	20175	15	#0	16QAM	2.700	3.050	PASS
NVNT	Band4	3	20385	15	#0	QPSK	2.710	3.036	PASS
NVNT	Band4	3	20385	15	#0	16QAM	2.714	3.057	PASS
NVNT	Band4	5	19975	25	#0	QPSK	4.524	4.942	PASS
NVNT	Band4	5	19975	25	#0	16QAM	4.523	4.948	PASS
NVNT	Band4	5	20175	25	#0	QPSK	4.523	4.974	PASS
NVNT	Band4	5	20175	25	#0	16QAM	4.518	4.975	PASS
NVNT	Band4	5	20375	25	#0	QPSK	4.503	4.931	PASS
NVNT	Band4	5	20375	25	#0	16QAM	4.518	4.949	PASS
NVNT	Band4	10	20000	50	#0	QPSK	8.981	9.787	PASS
NVNT	Band4	10	20000	50	#0	16QAM	8.954	9.844	PASS
NVNT	Band4	10	20175	50	#0	QPSK	8.976	9.785	PASS
NVNT	Band4	10	20175	50	#0	16QAM	8.996	9.774	PASS
NVNT	Band4	10	20350	50	#0	QPSK	9.037	9.853	PASS
NVNT	Band4	10	20350	50	#0	16QAM	9.015	9.792	PASS
NVNT	Band4	15	20025	75	#0	QPSK	13.485	14.760	PASS
NVNT	Band4	15	20025	75	#0	16QAM	13.460	14.659	PASS
NVNT	Band4	15	20175	75	#0	QPSK	13.457	14.712	PASS
NVNT	Band4	15	20175	75	#0	16QAM	13.495	14.770	PASS
NVNT	Band4	15	20325	75	#0	QPSK	13.503	15.012	PASS
NVNT	Band4	15	20325	75	#0	16QAM	13.517	14.984	PASS
NVNT	Band4	20	20050	100	#0	QPSK	18.000	19.472	PASS
NVNT	Band4	20	20050	100	#0	16QAM	17.985	19.653	PASS
NVNT	Band4	20	20175	100	#0	QPSK	17.996	19.573	PASS
NVNT	Band4	20	20175	100	#0	16QAM	18.014	19.831	PASS
NVNT	Band4	20	20300	100	#0	QPSK	18.036	19.619	PASS
NVNT	Band4	20	20300	100	#0	16QAM	18.049	19.610	PASS



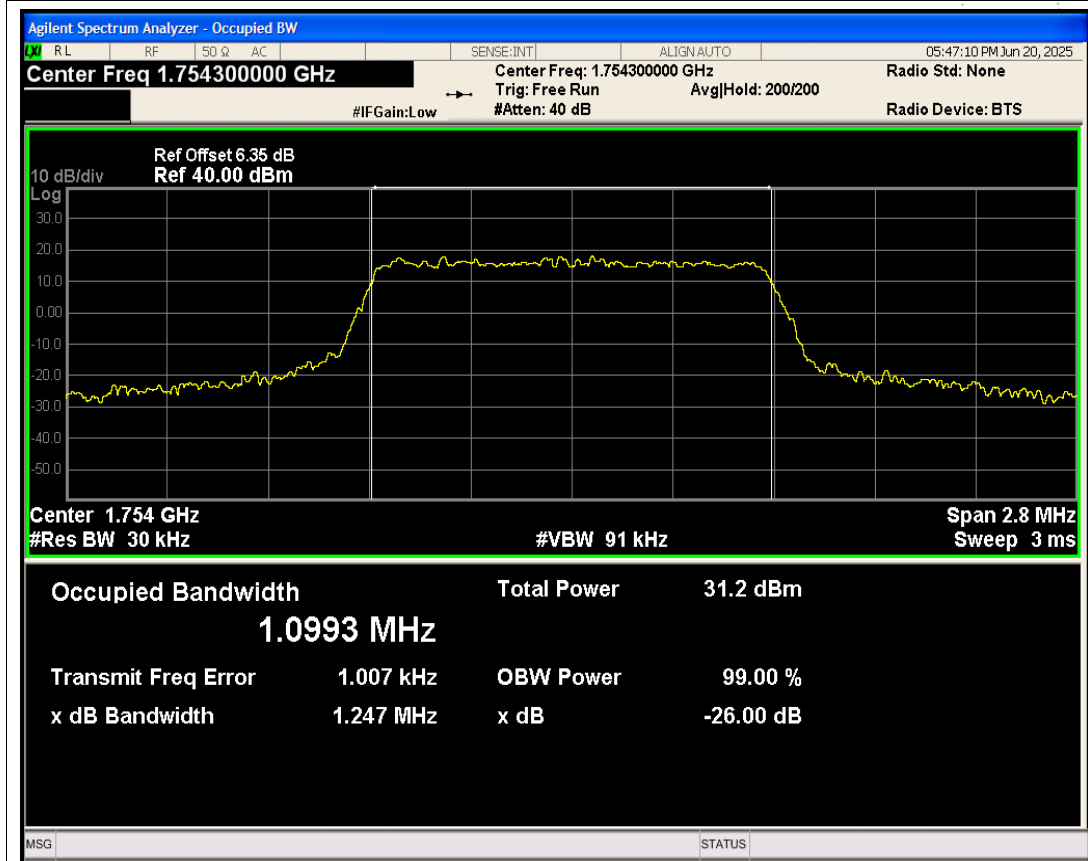
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT

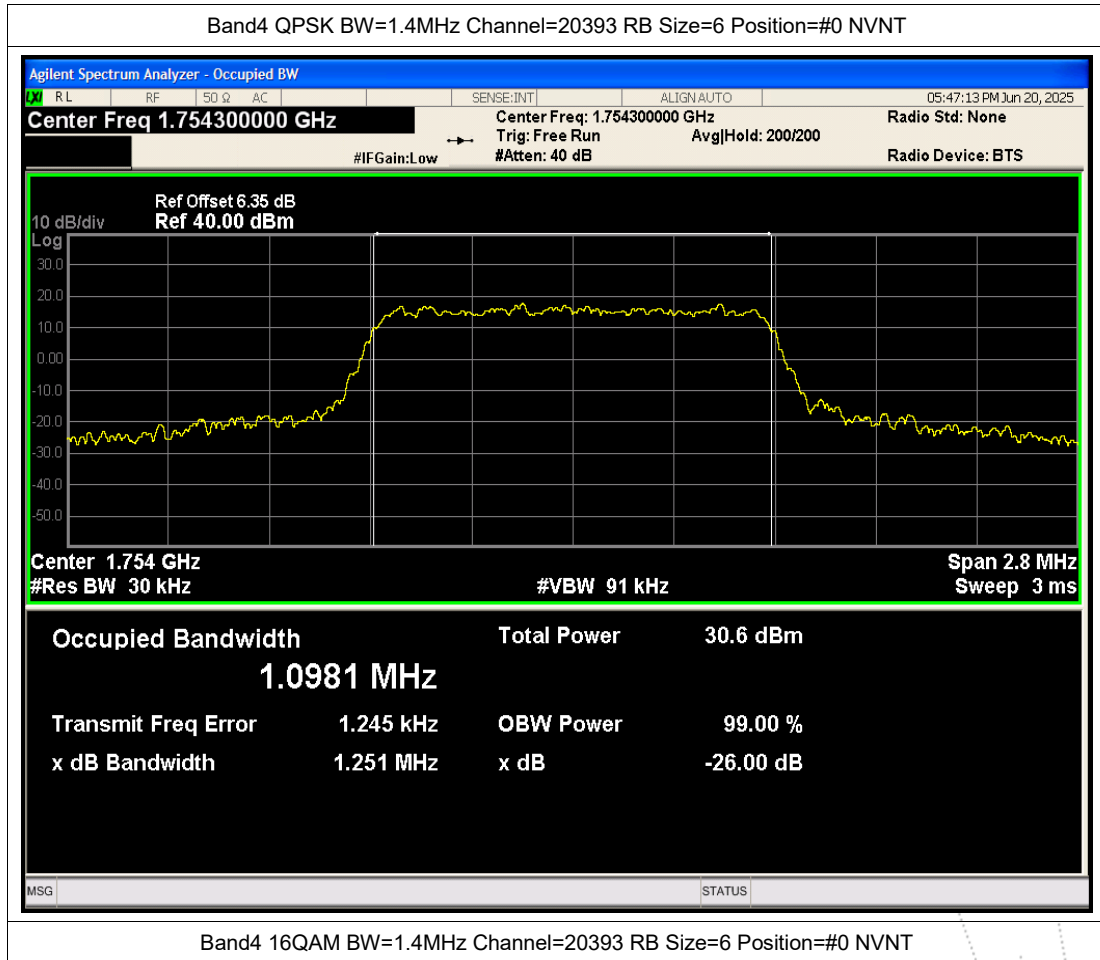


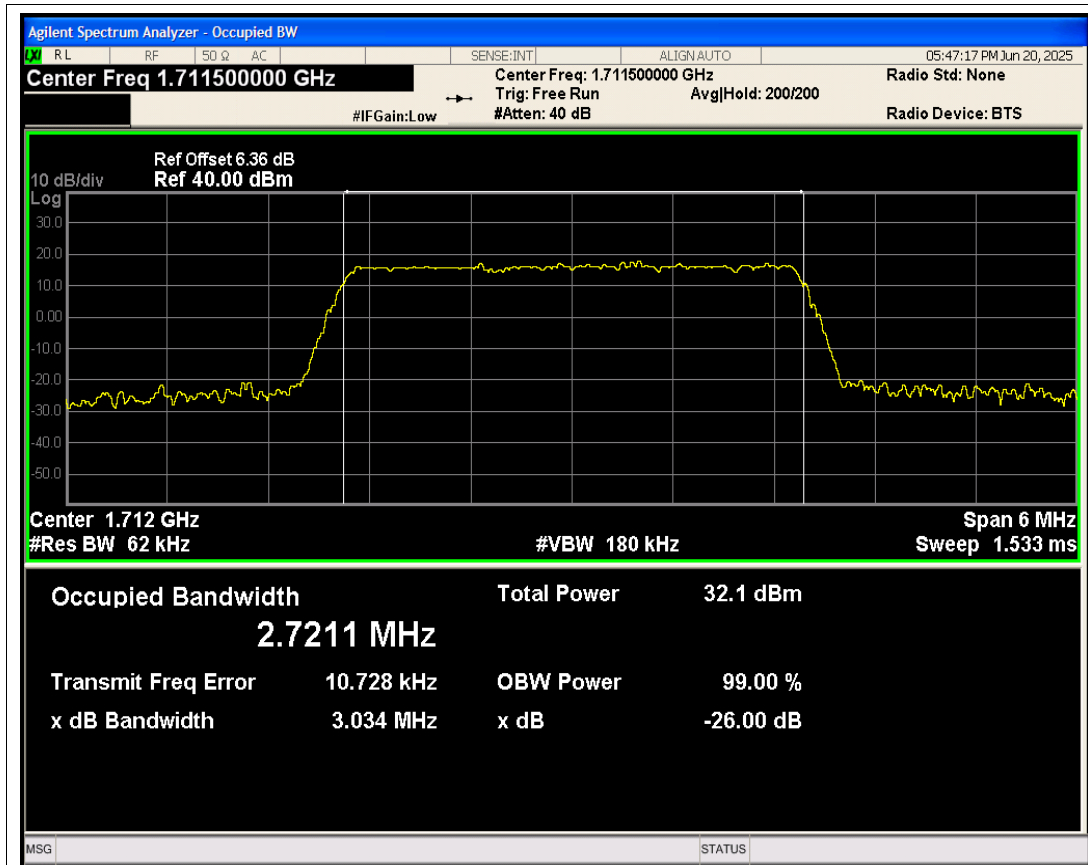




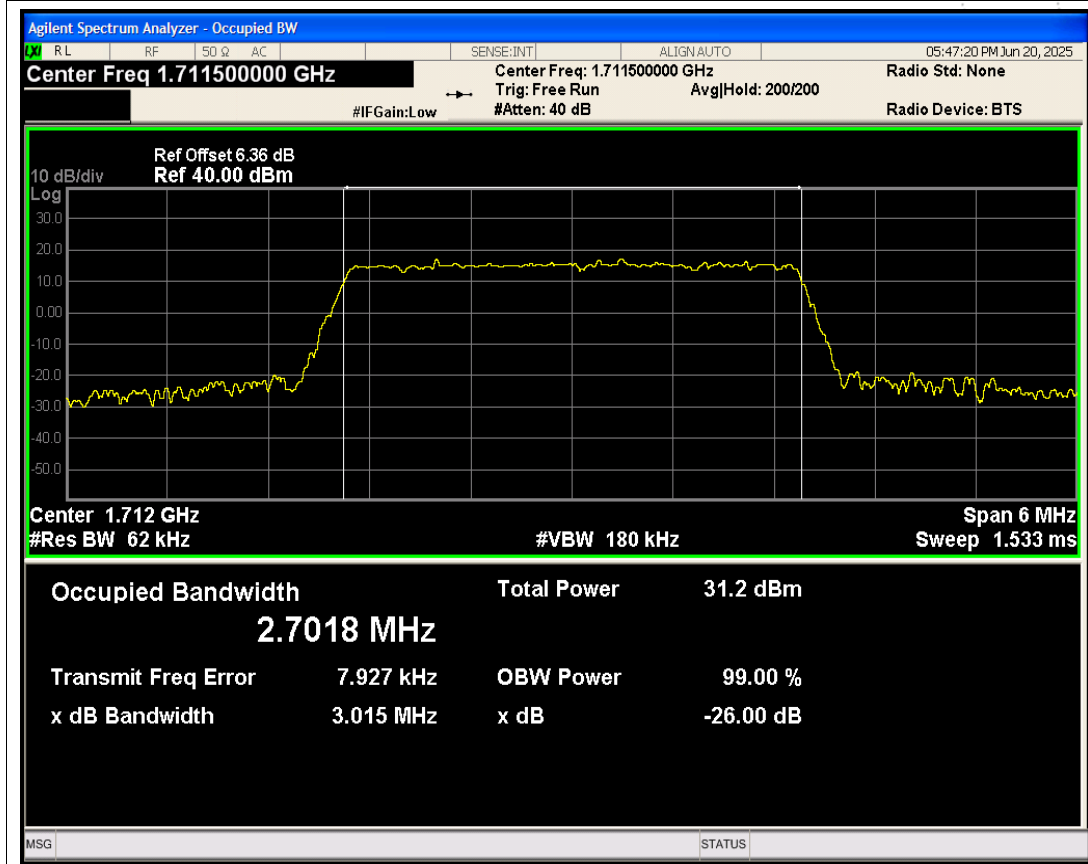
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT

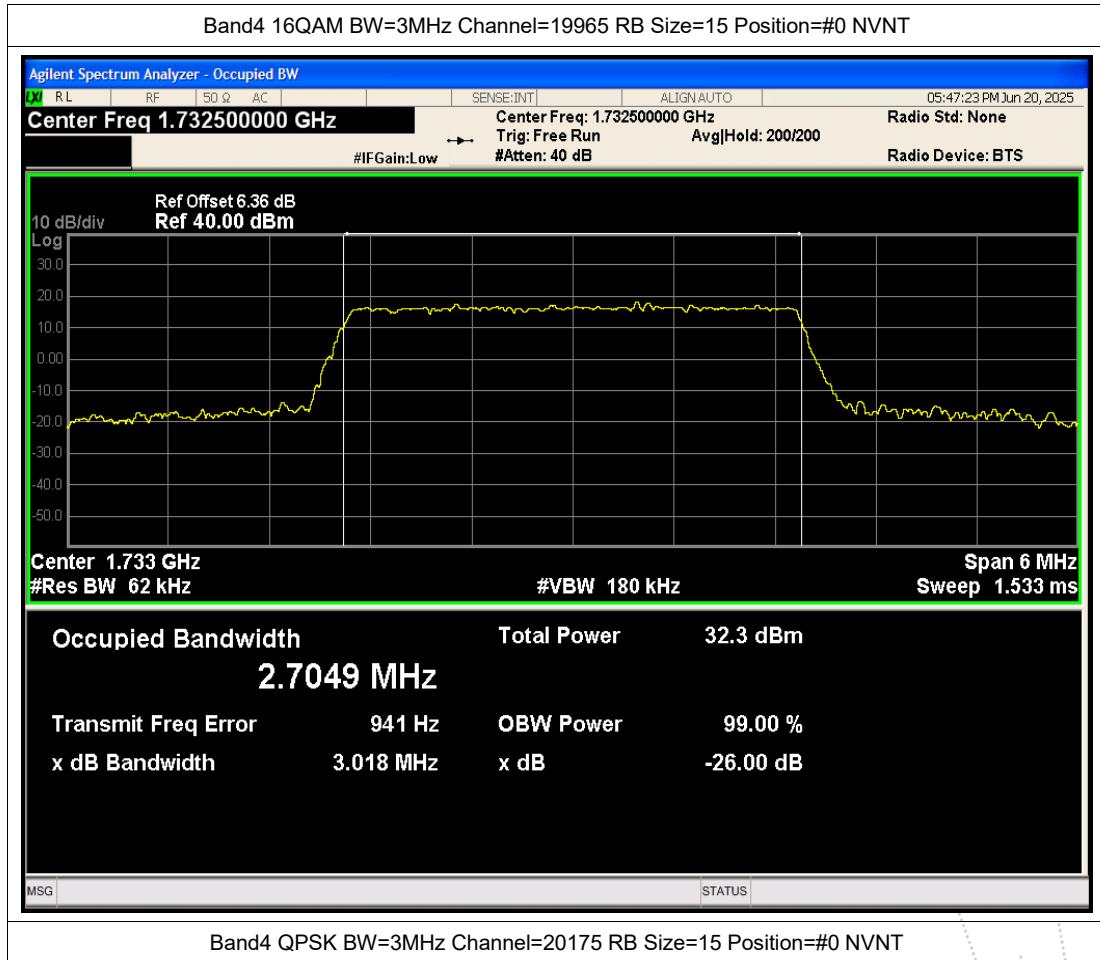


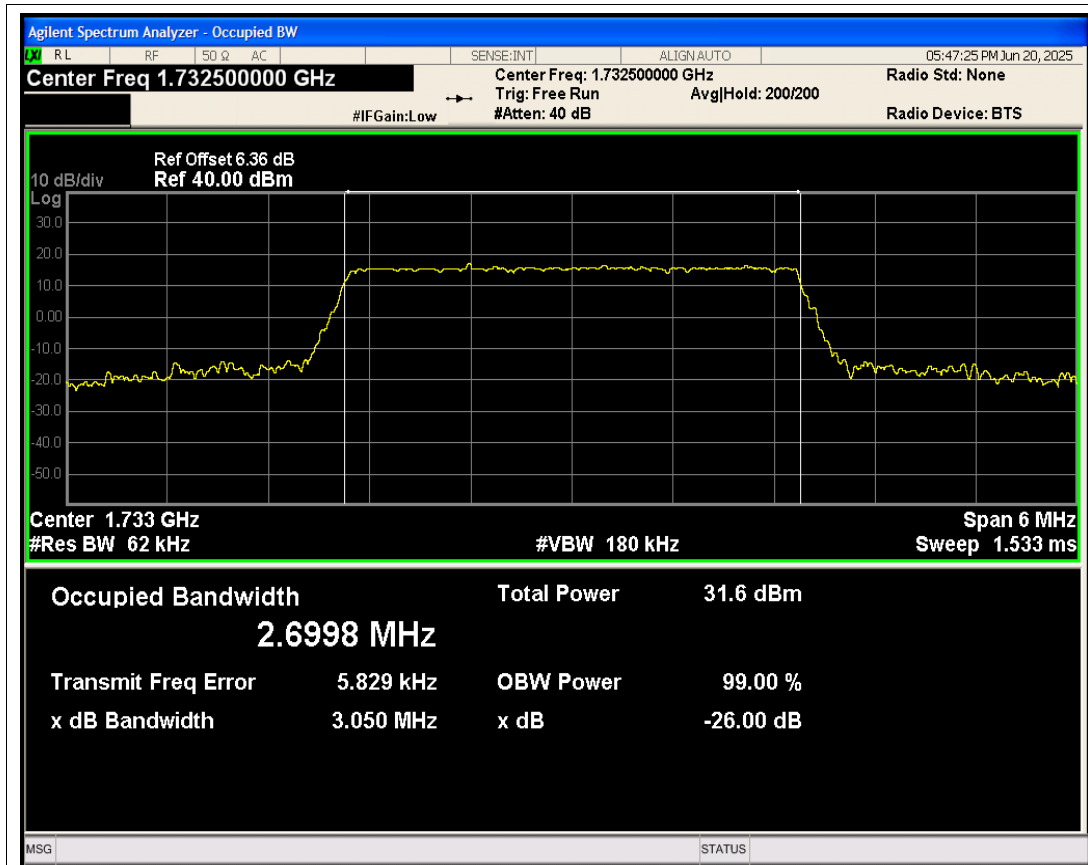




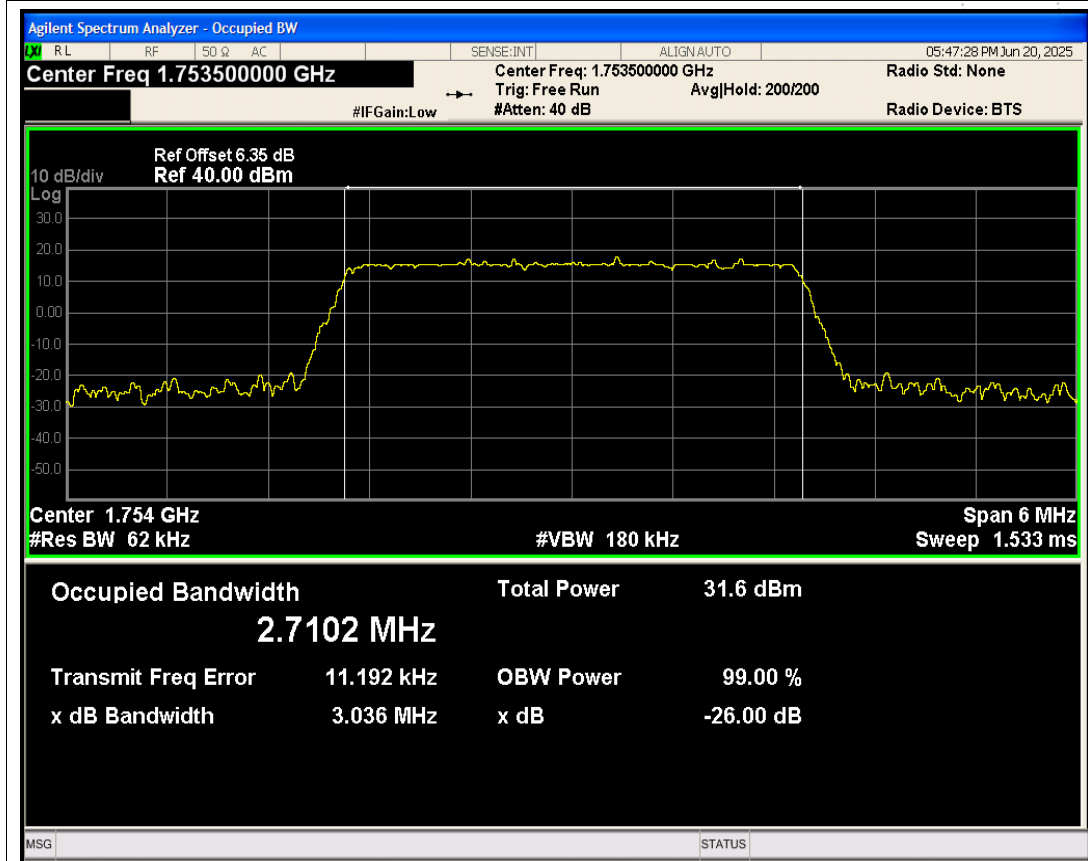
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT

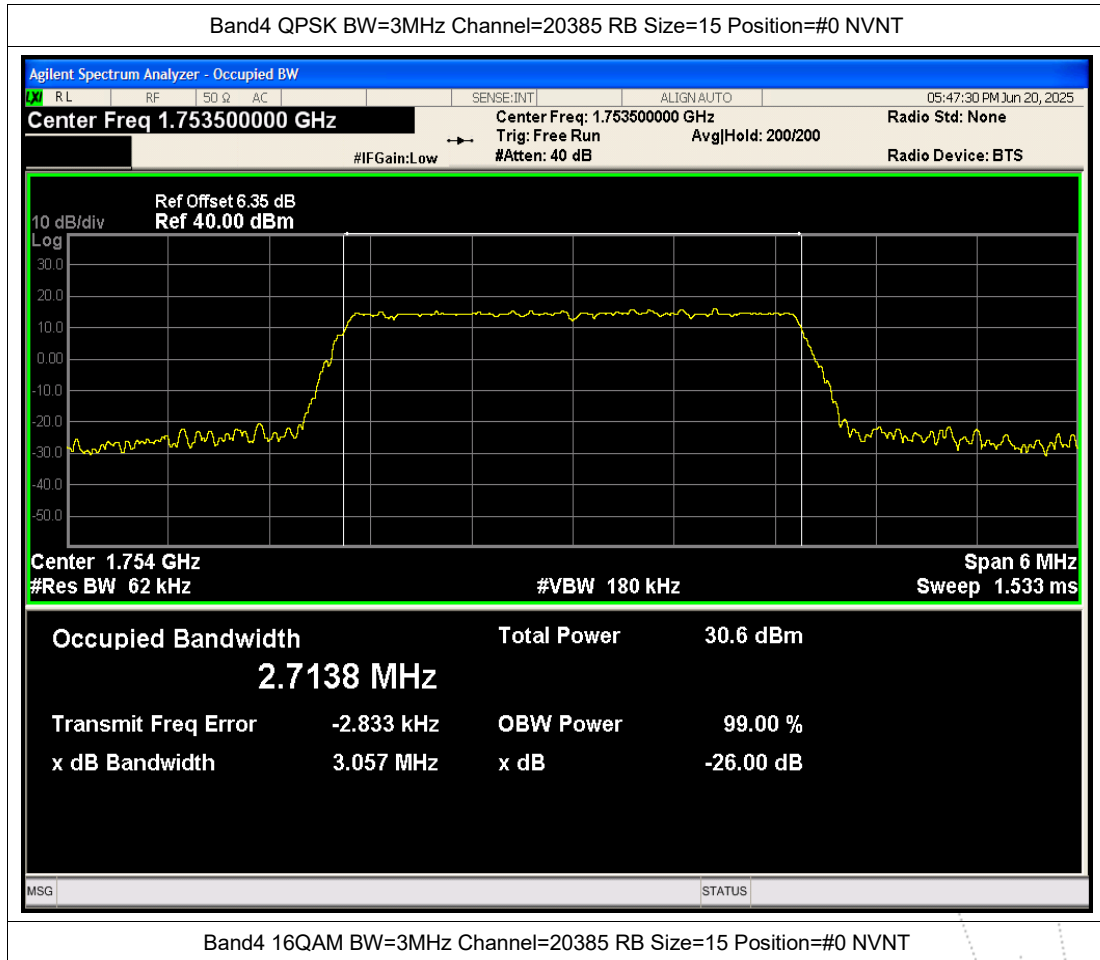


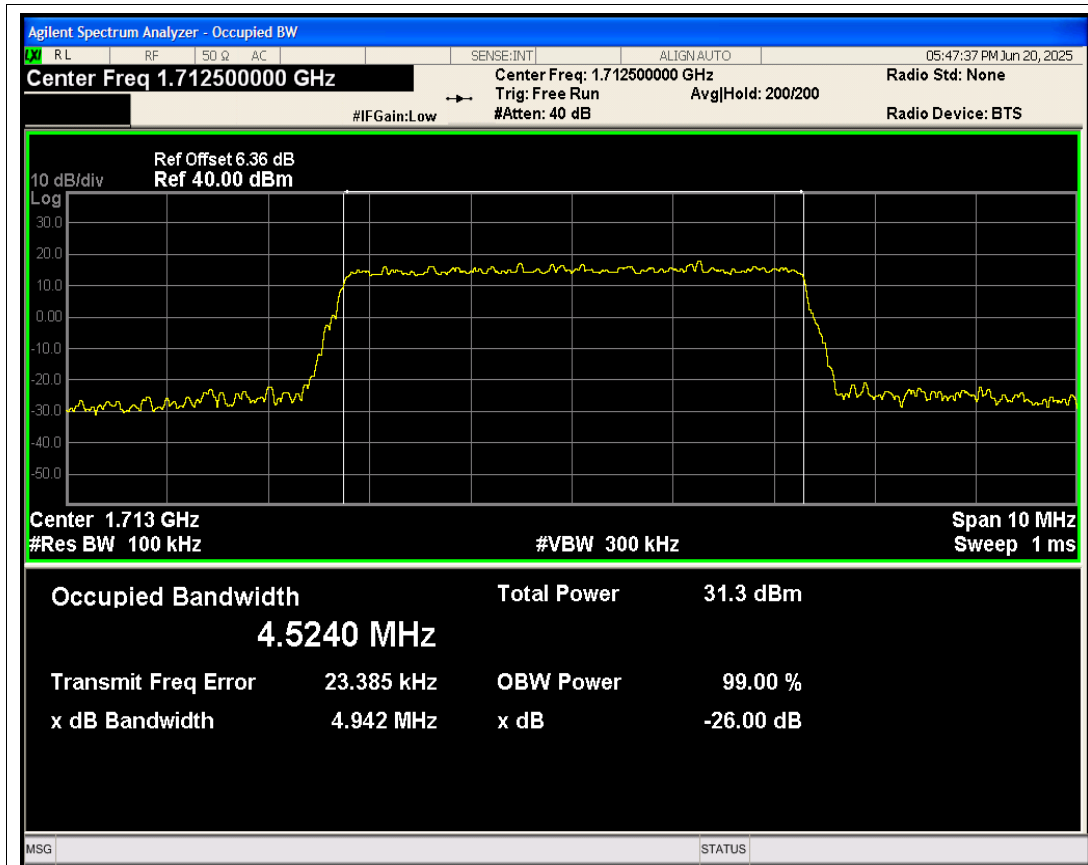




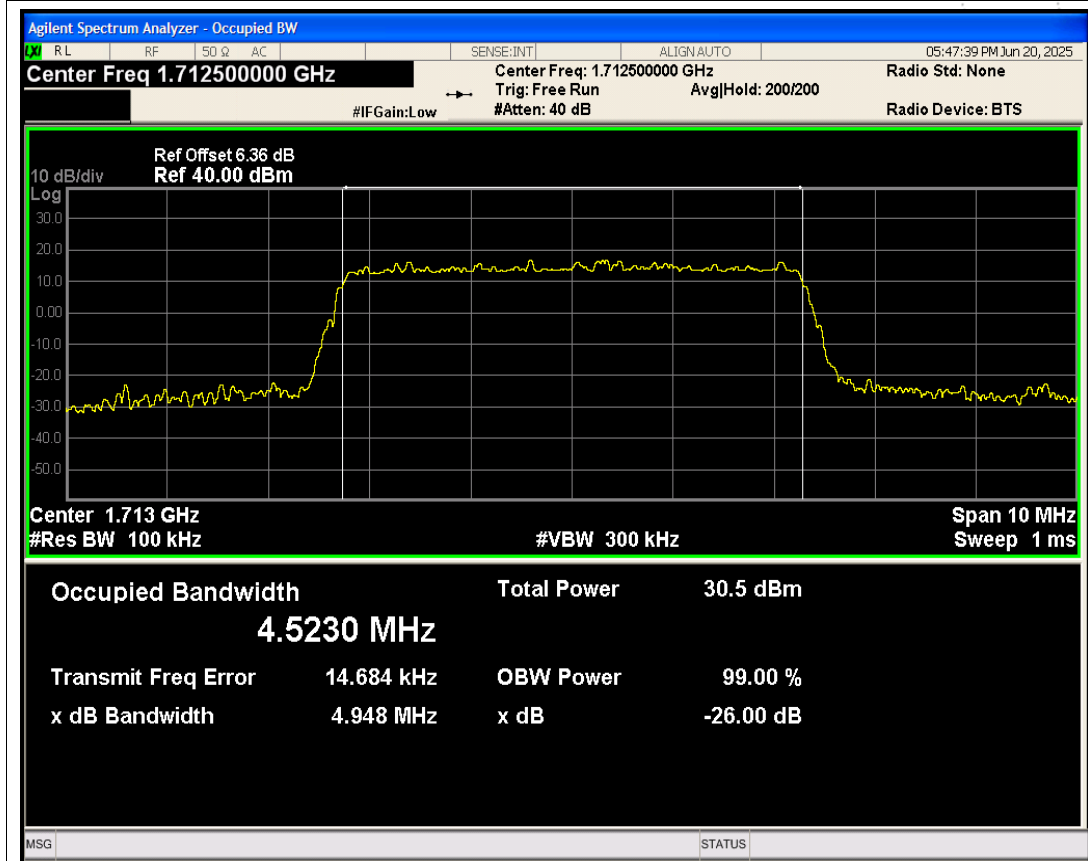
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT





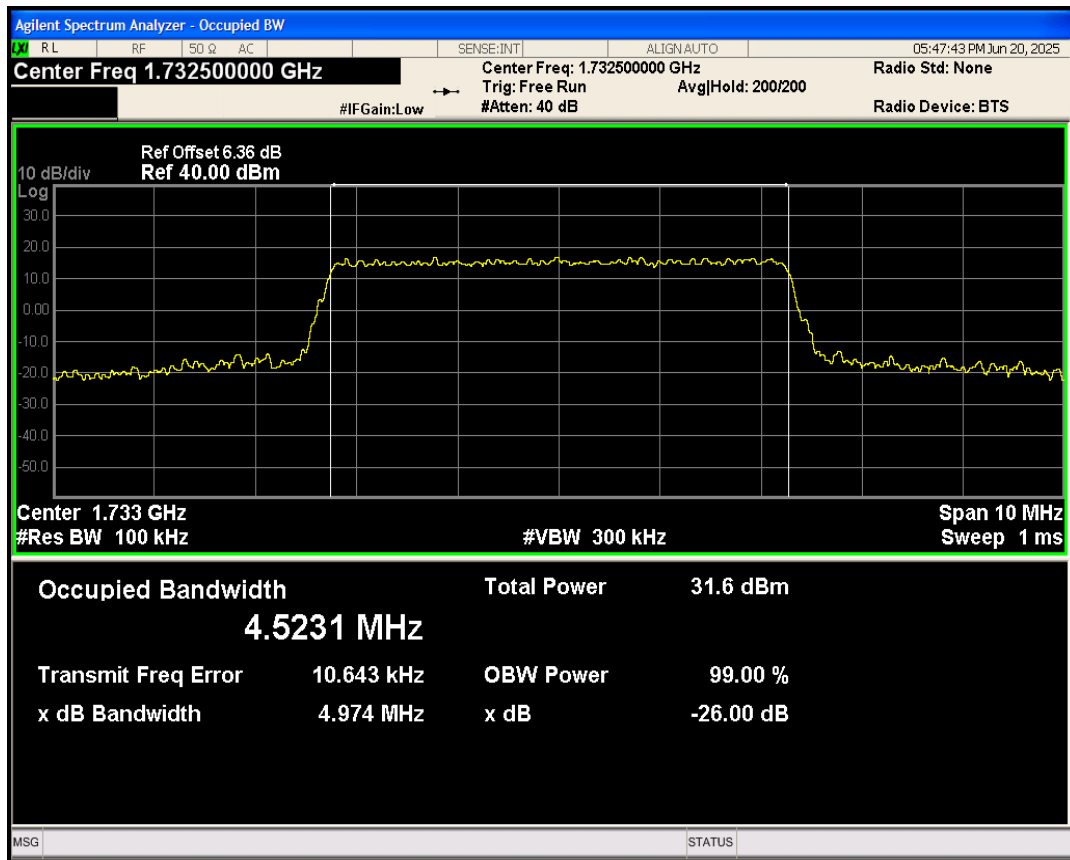


Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

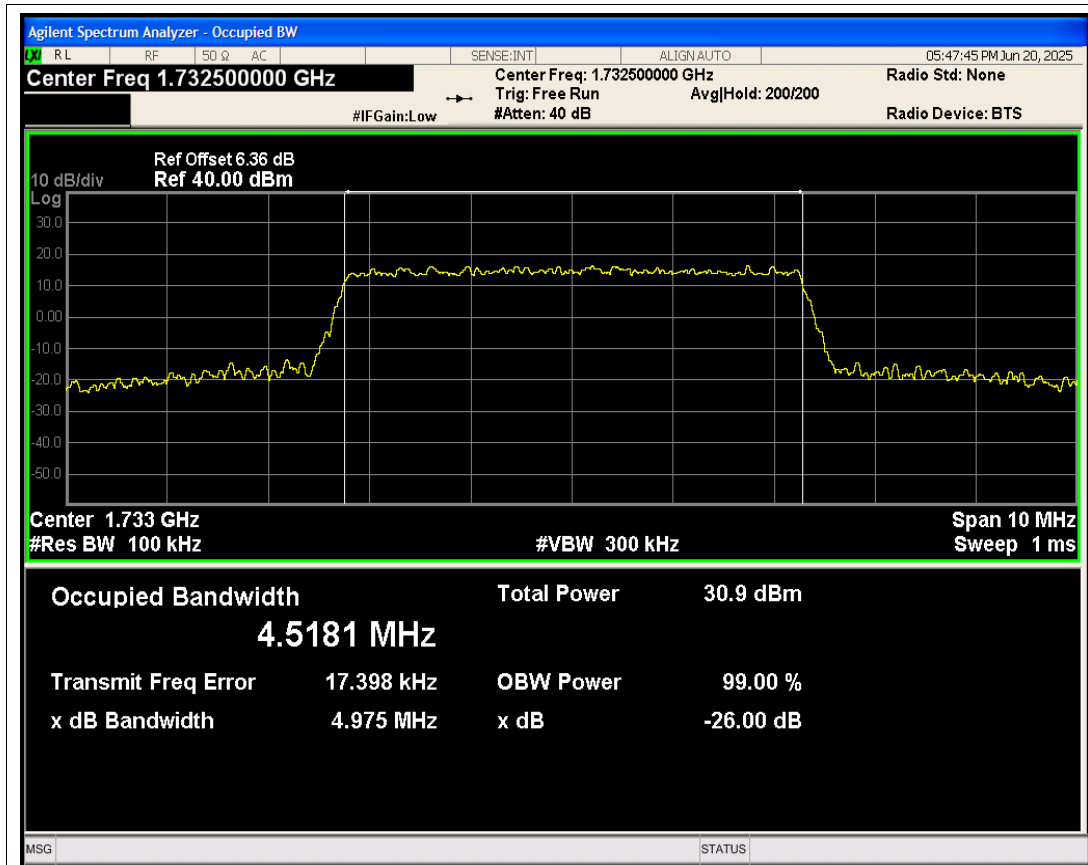




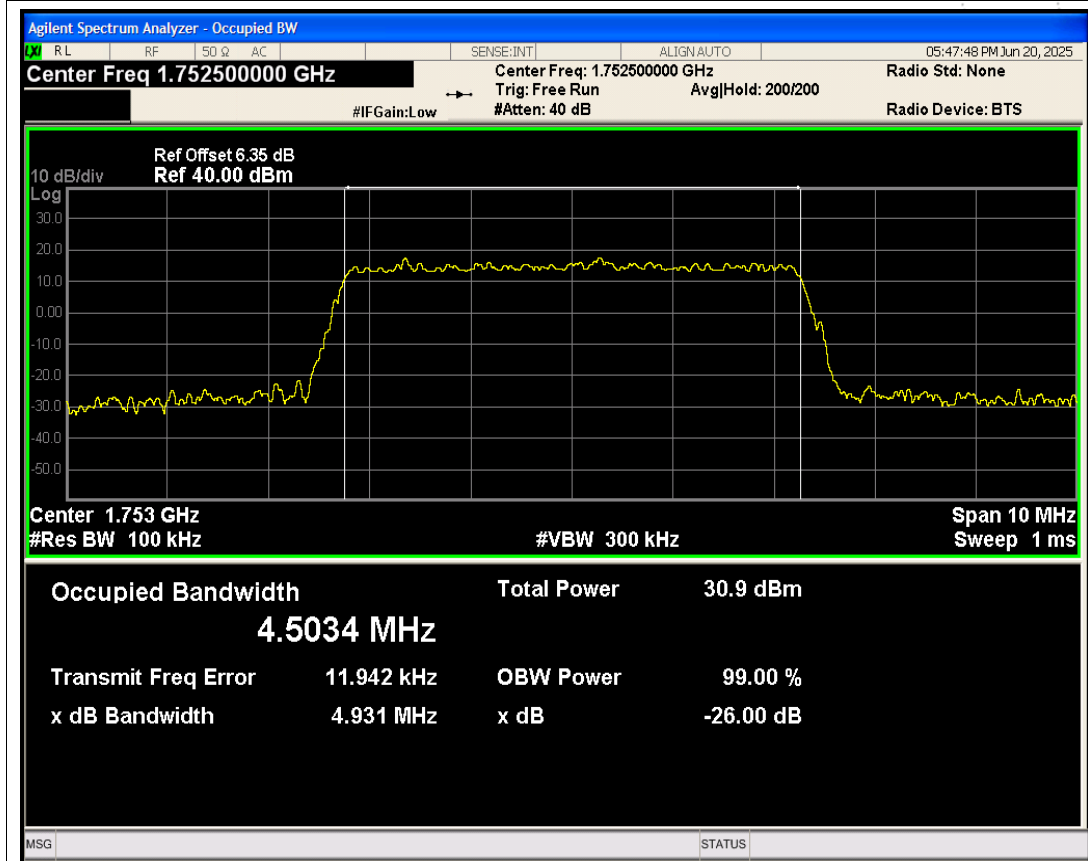
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

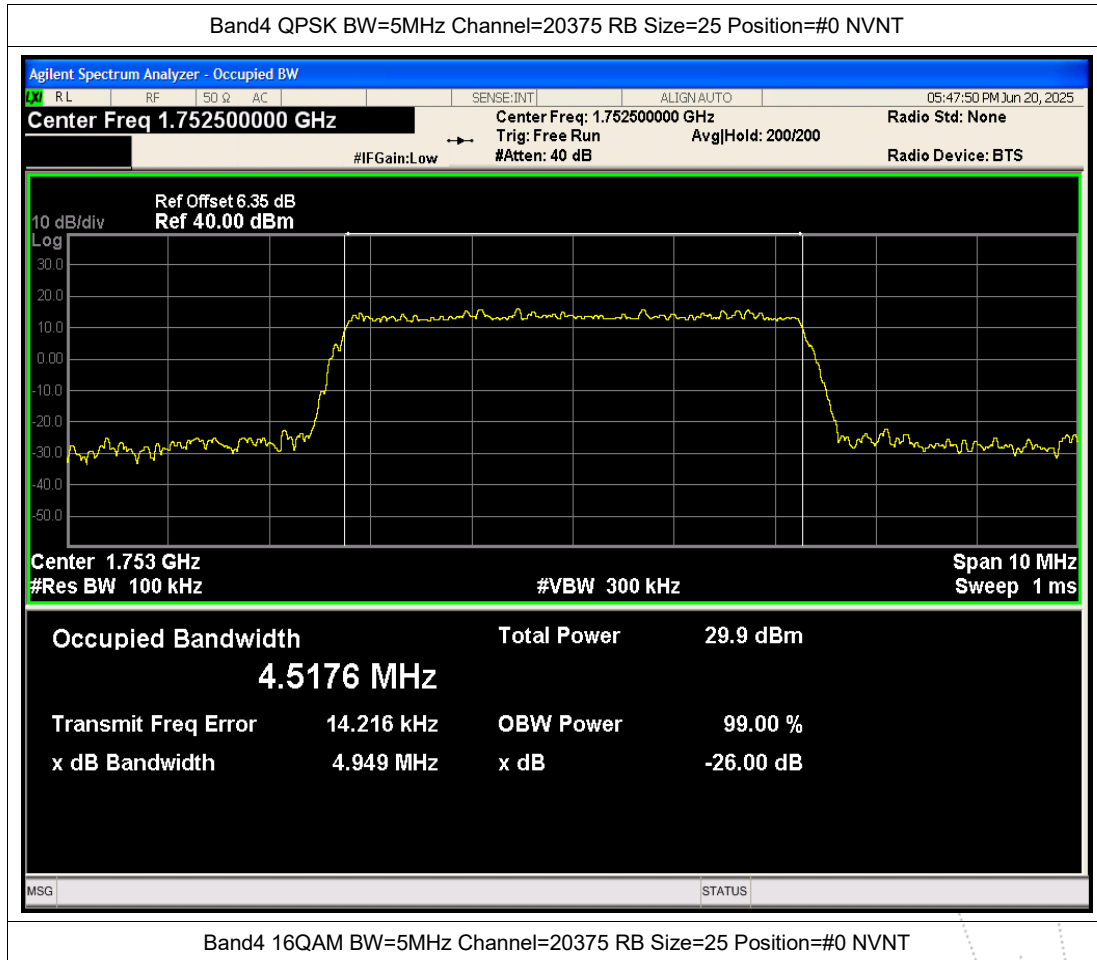


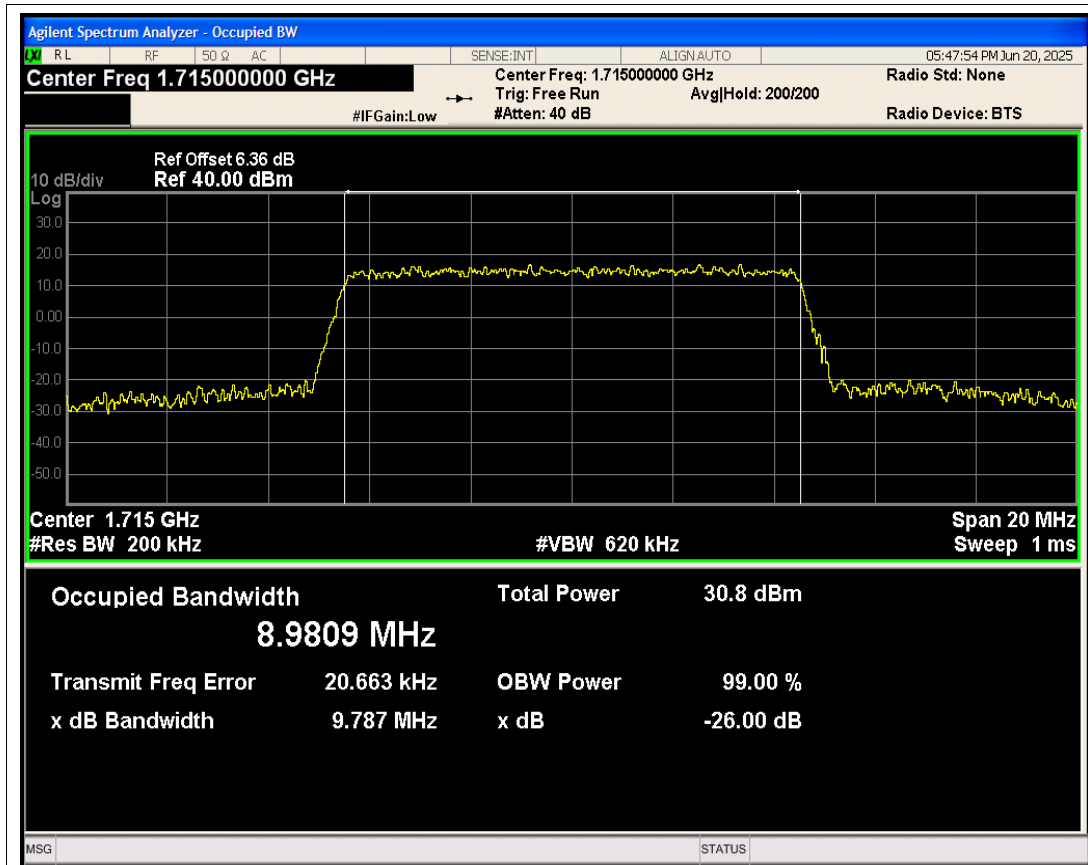
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT



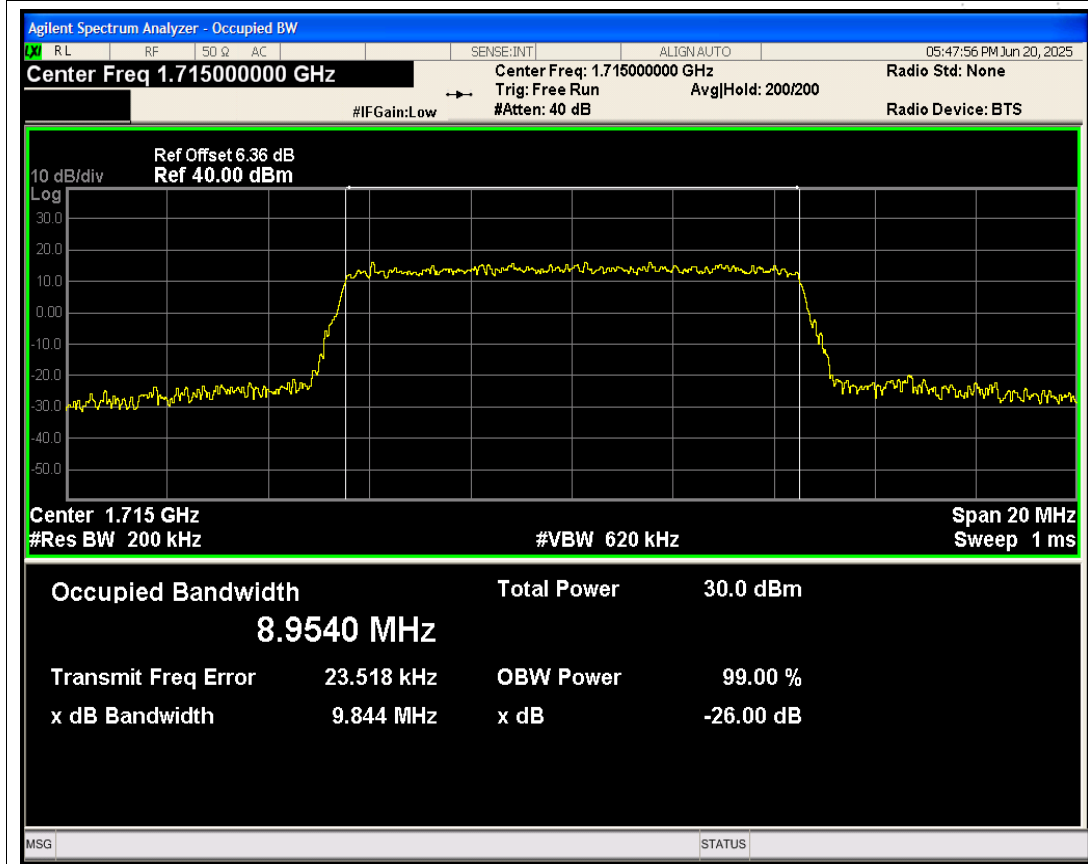
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT

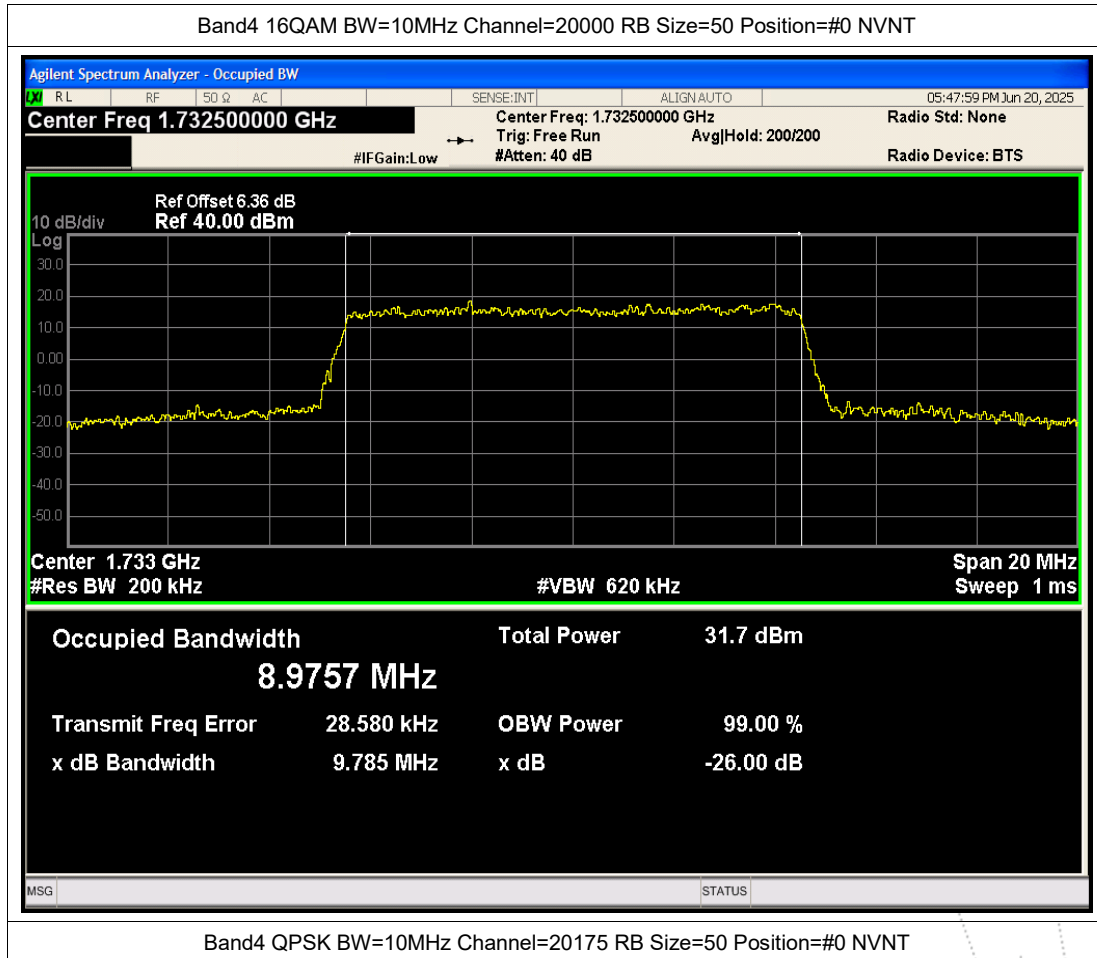


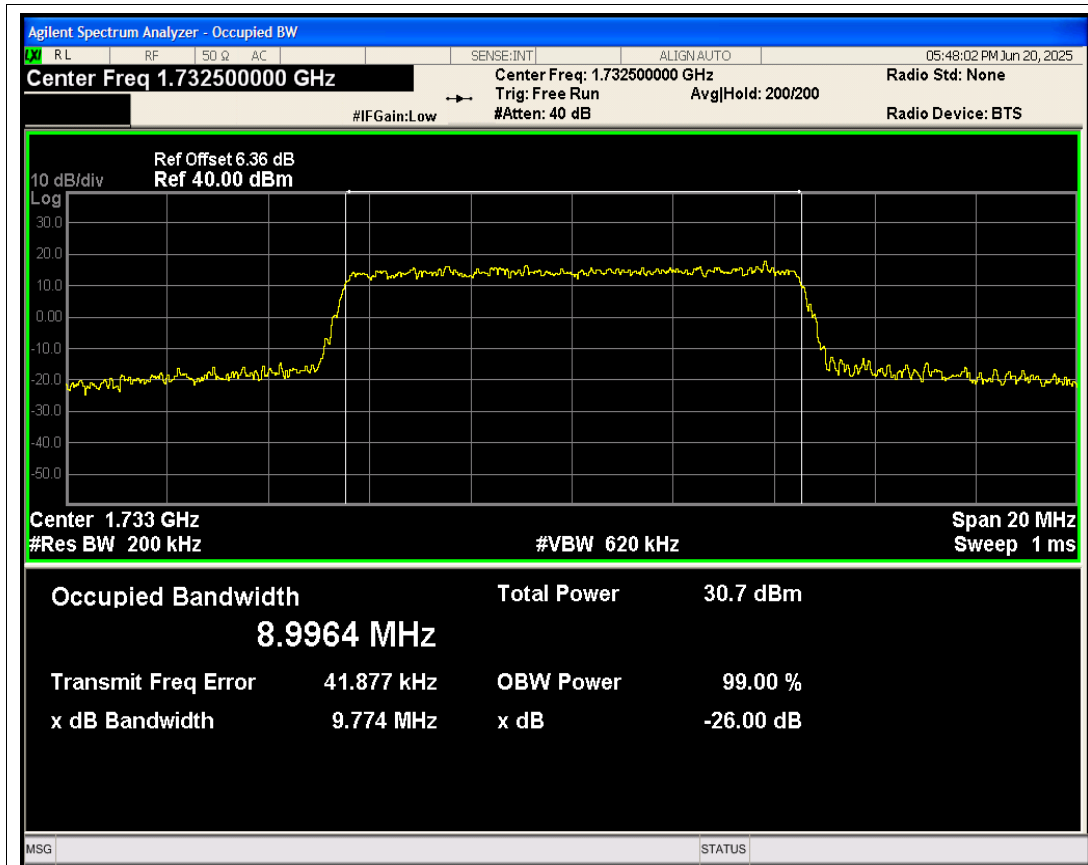




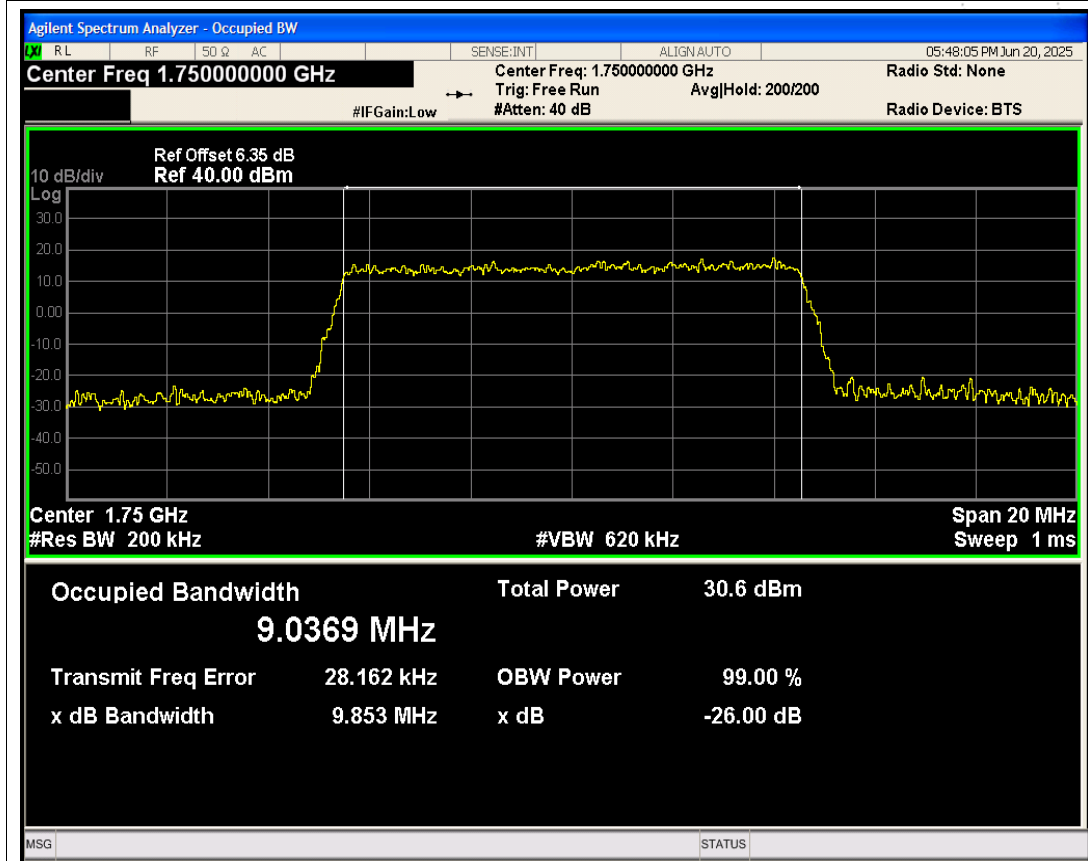
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT

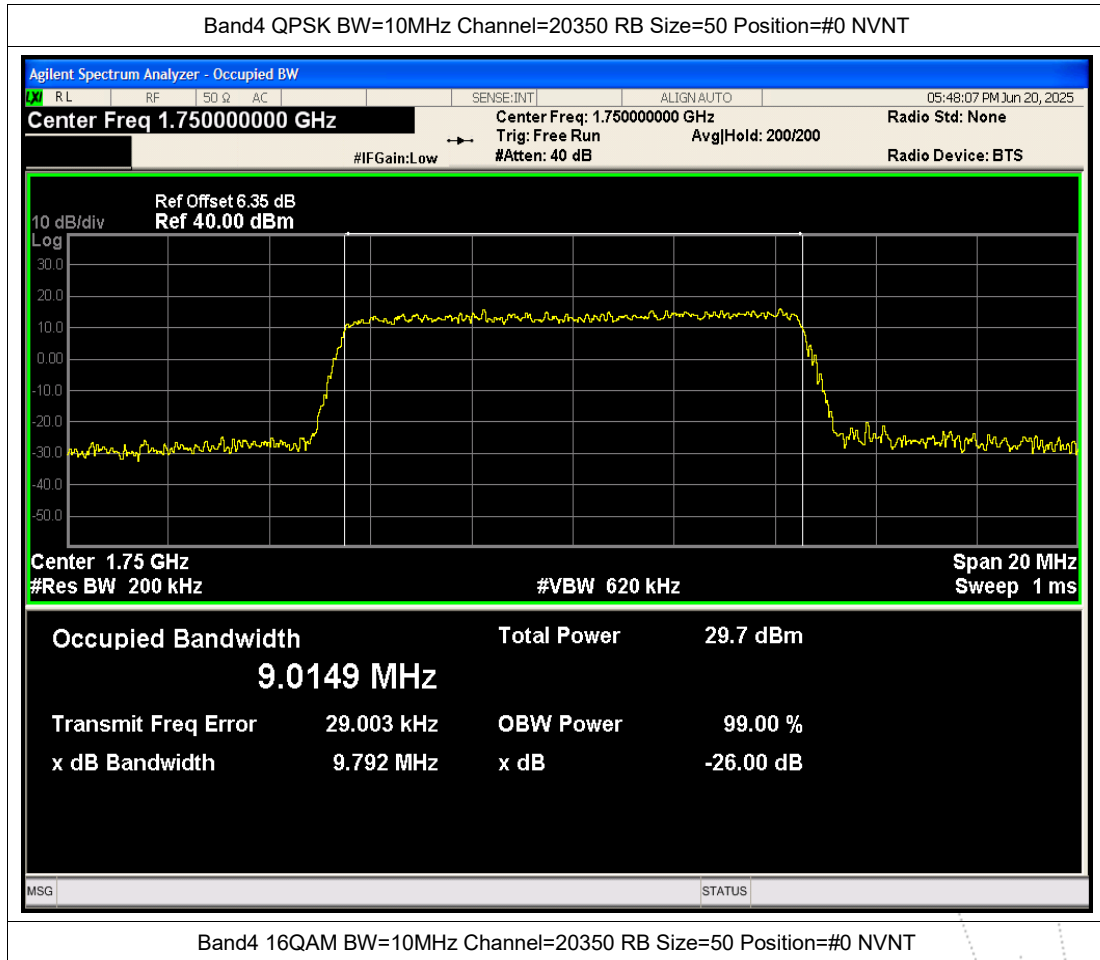


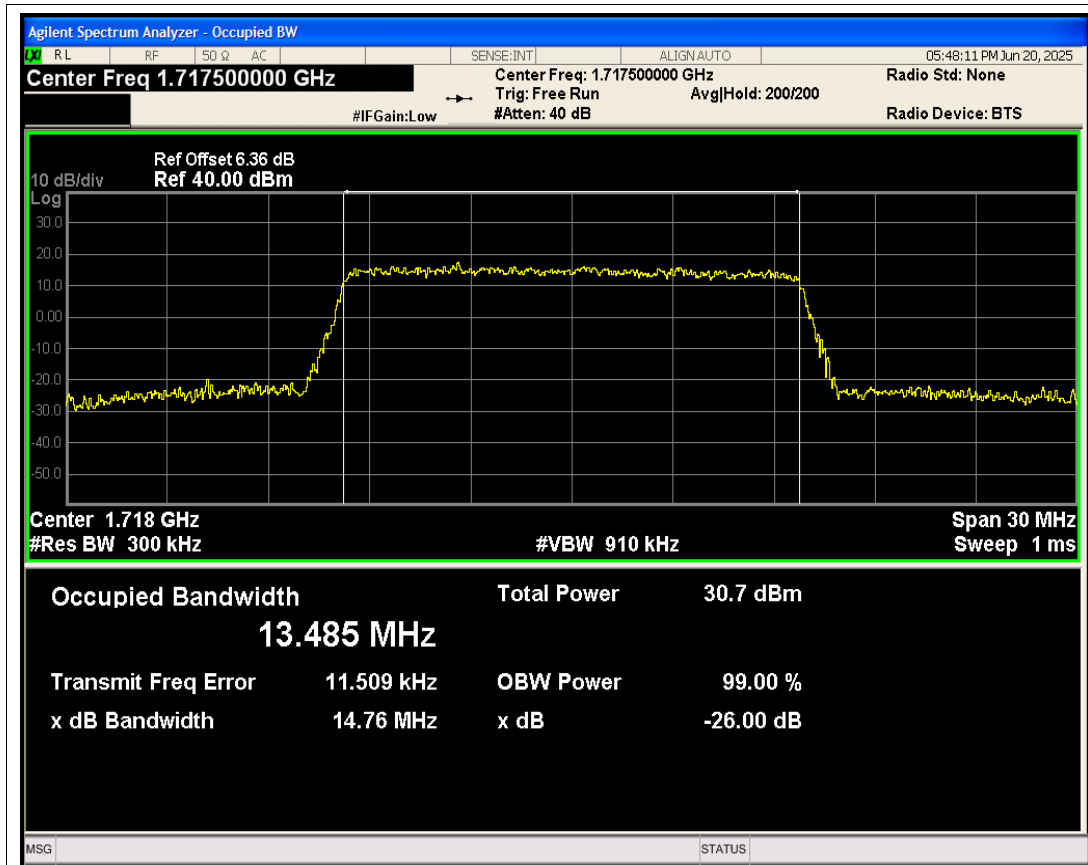




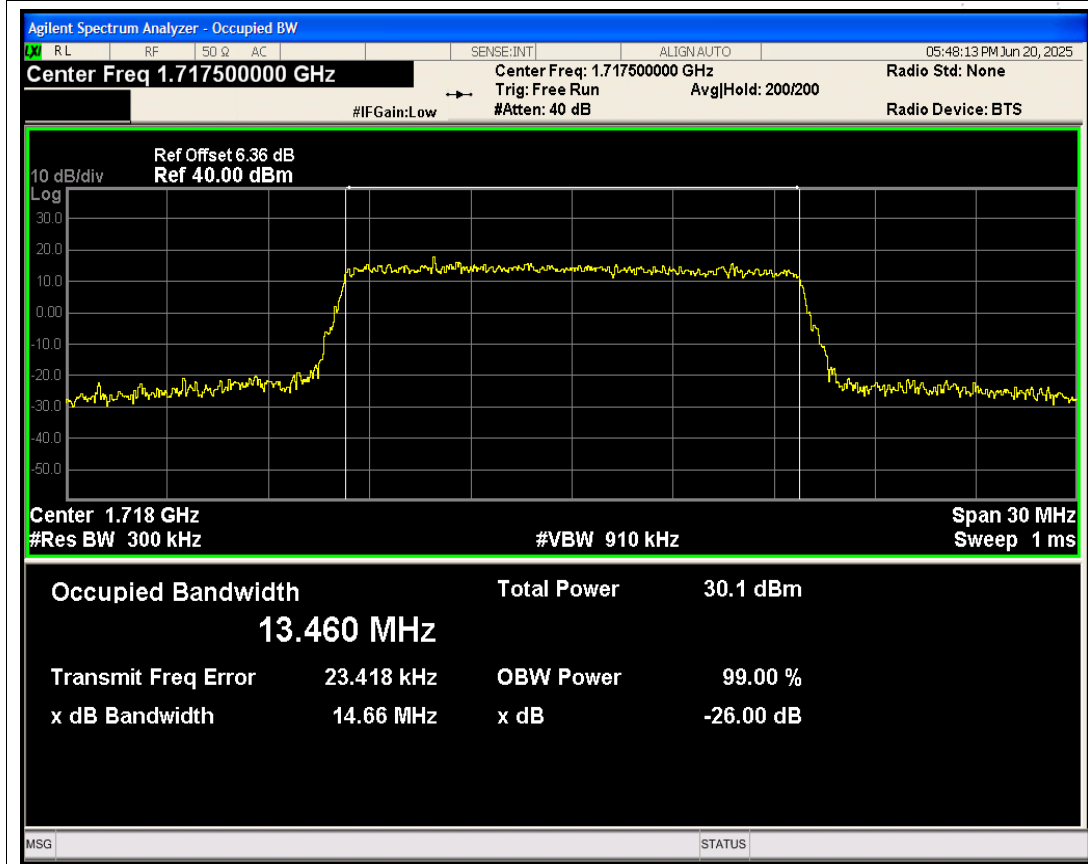
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT

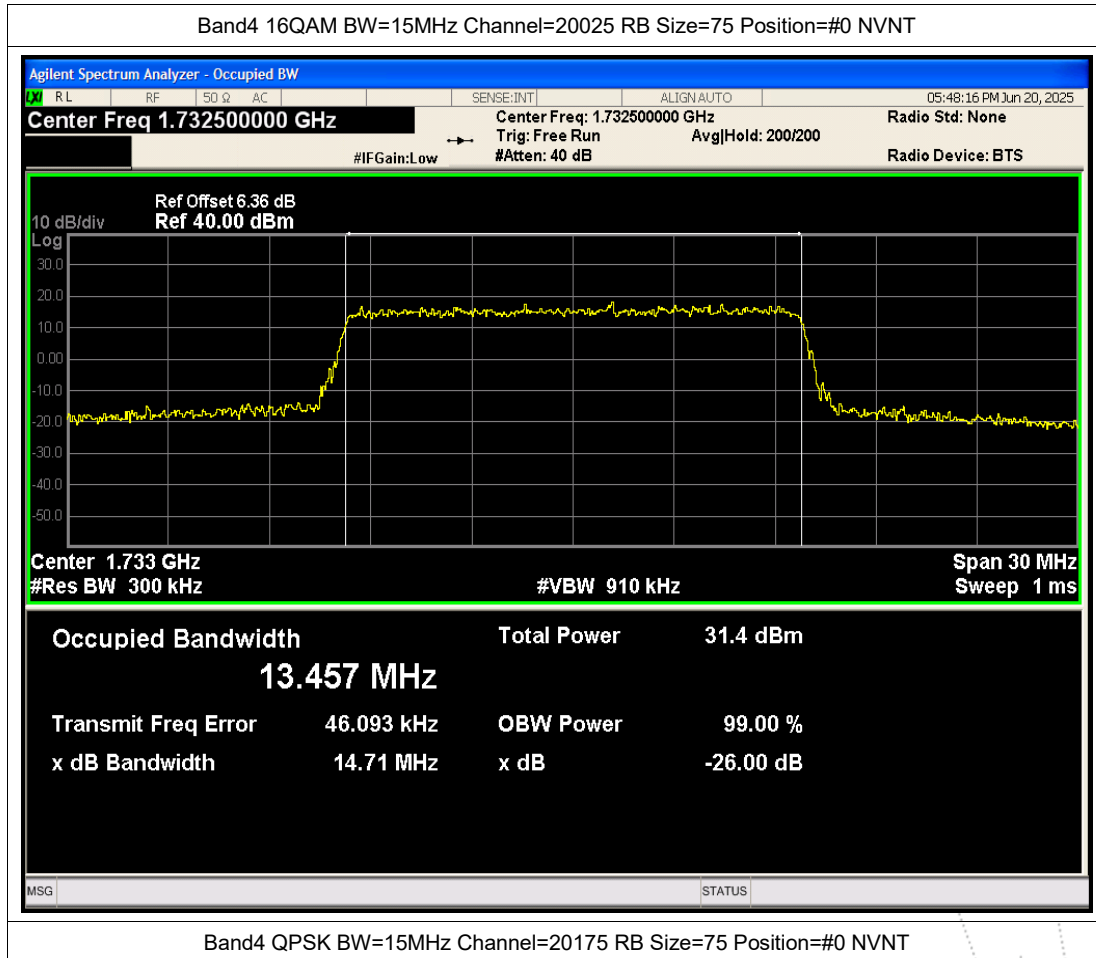


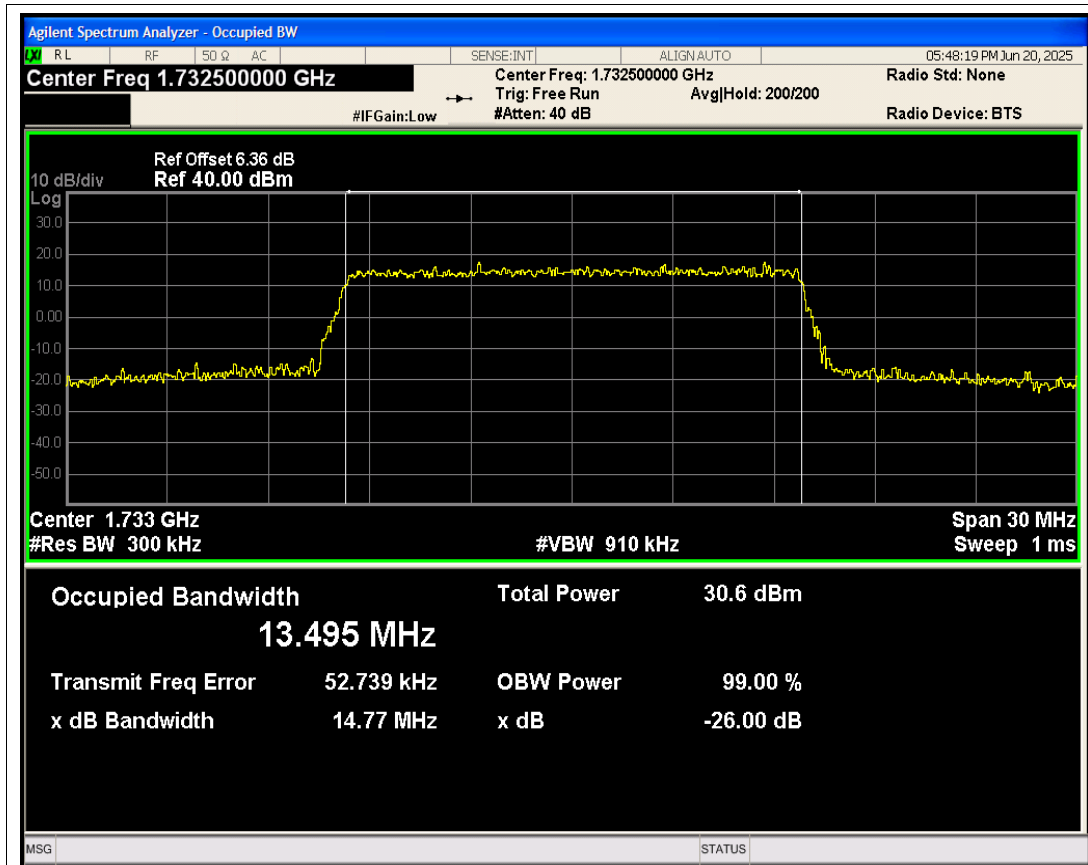




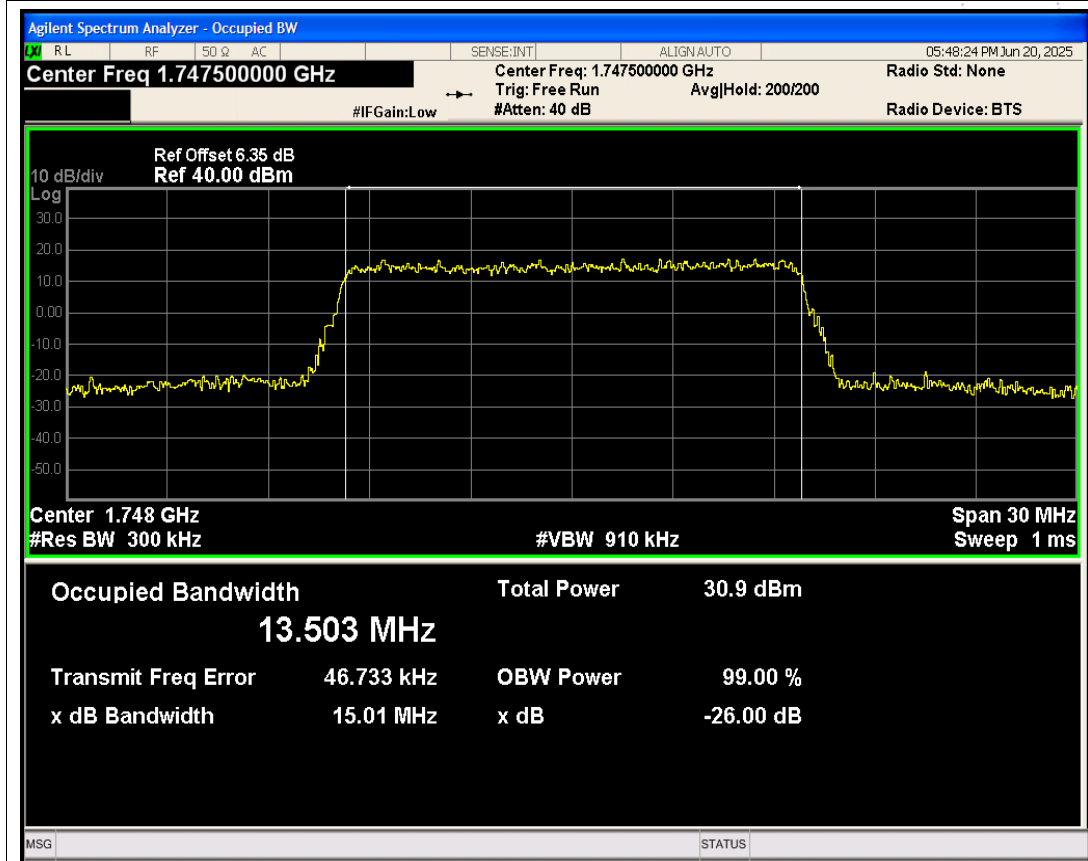
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT

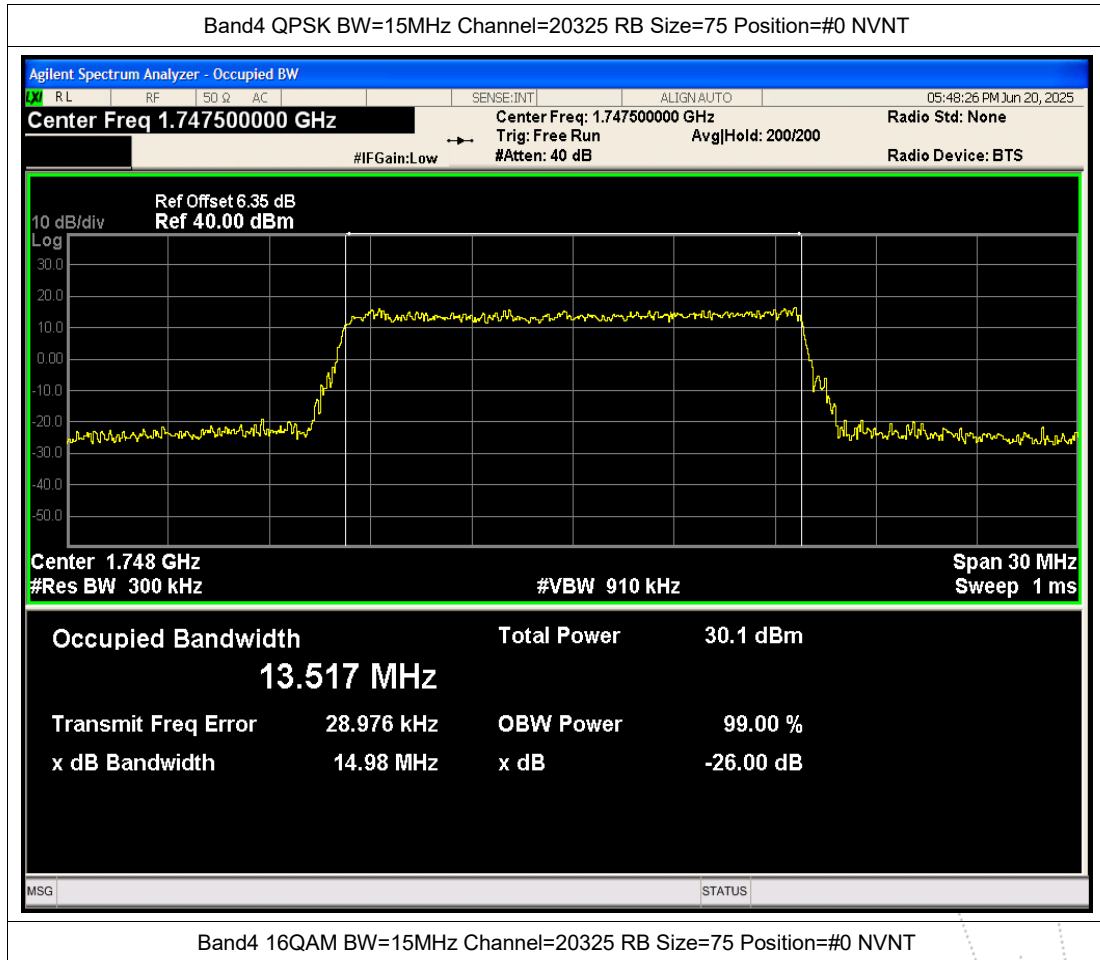


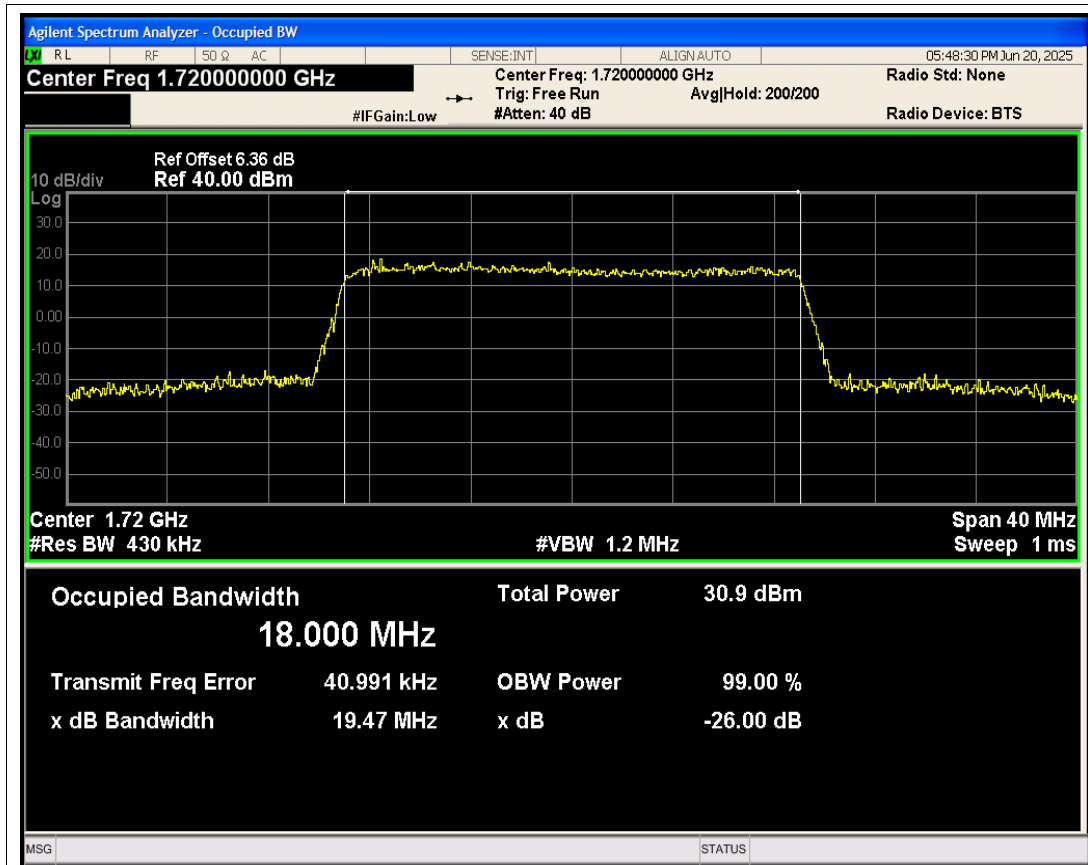




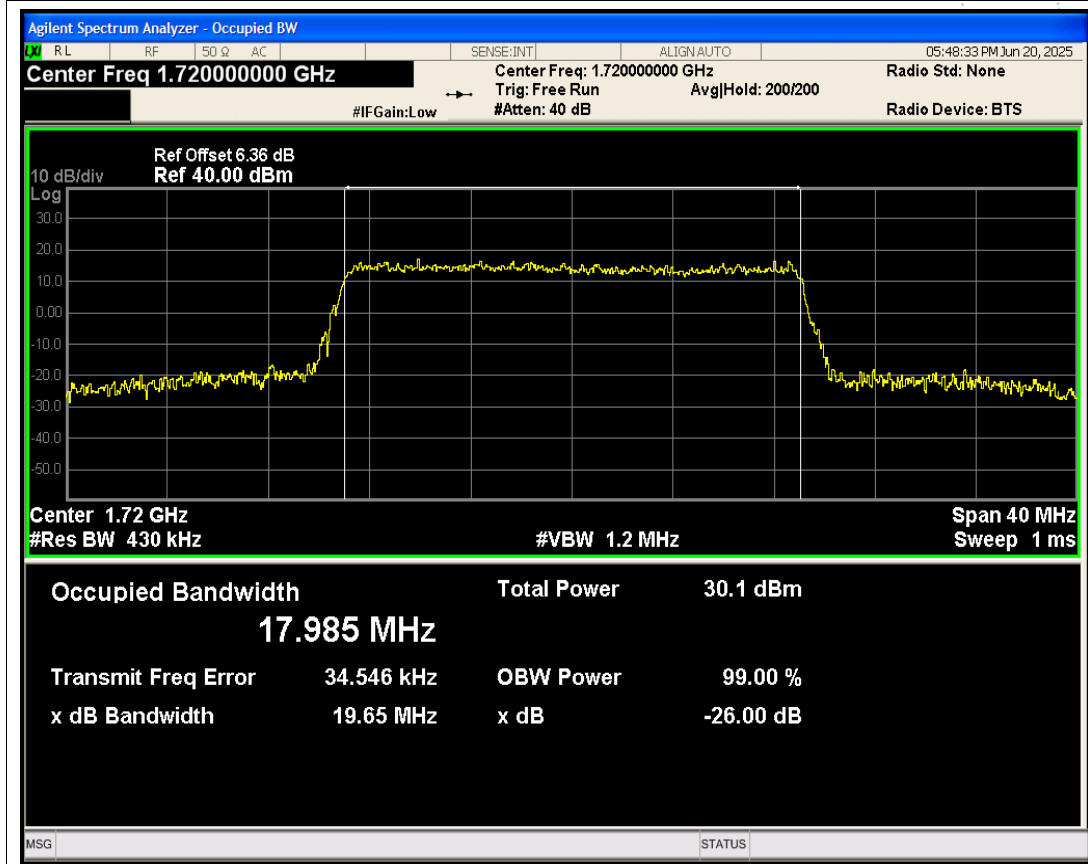
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT

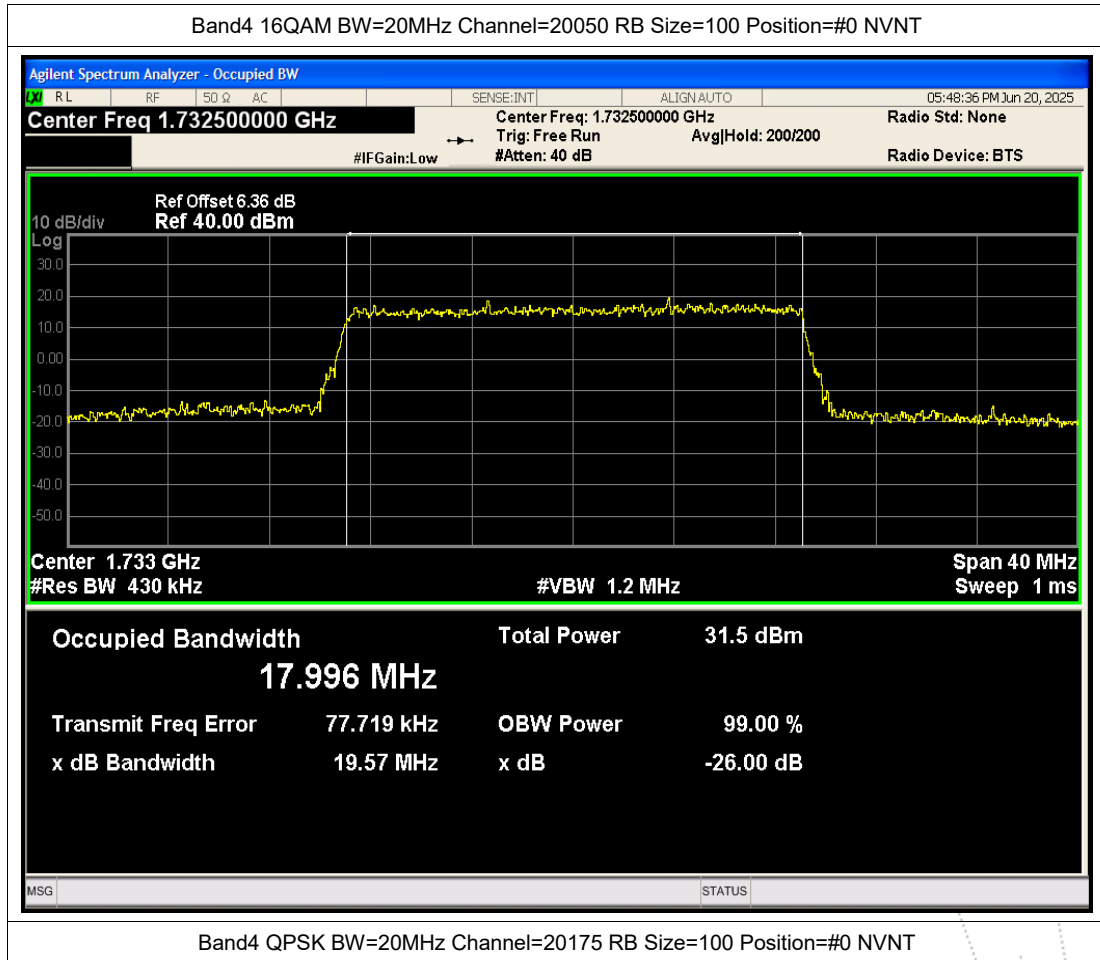


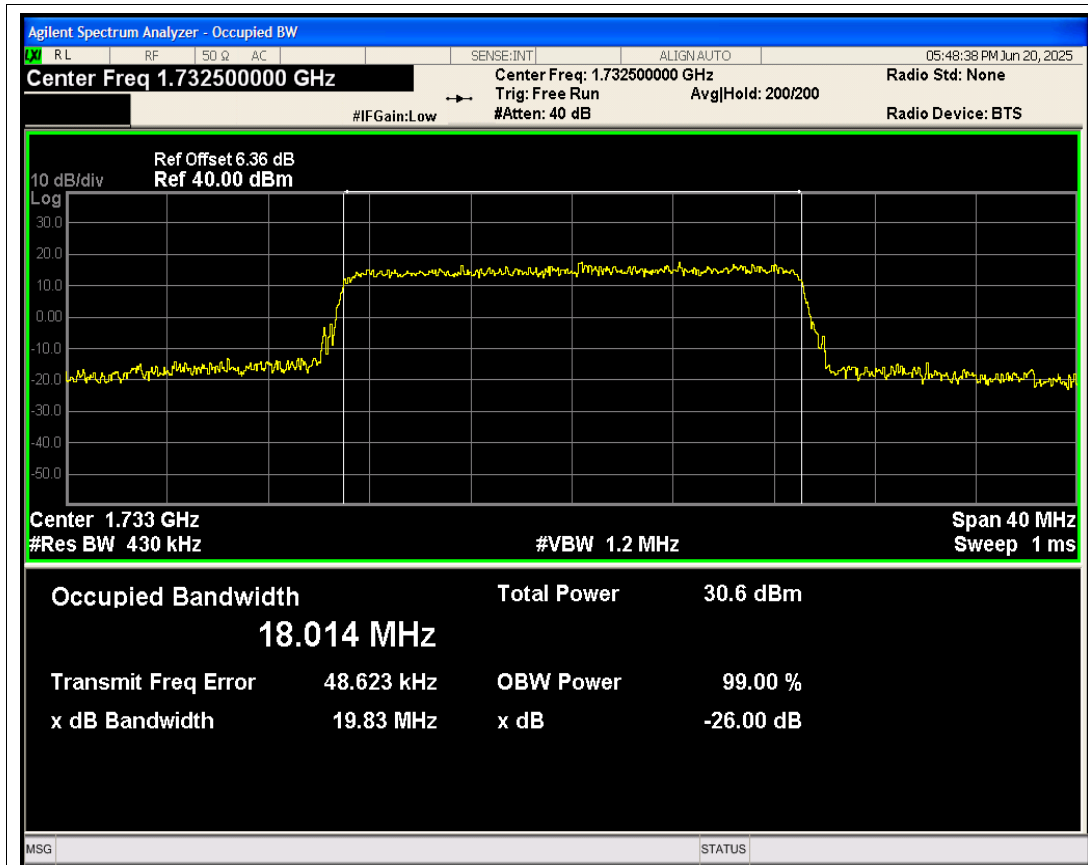




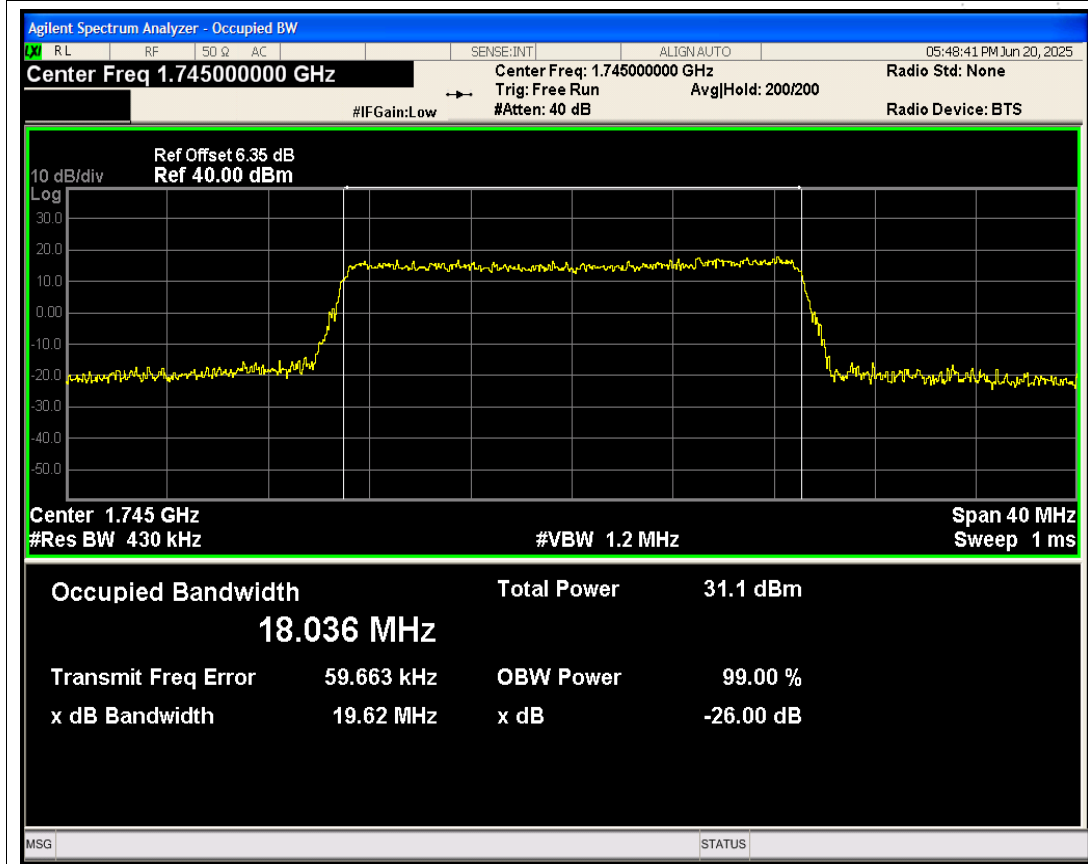
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT

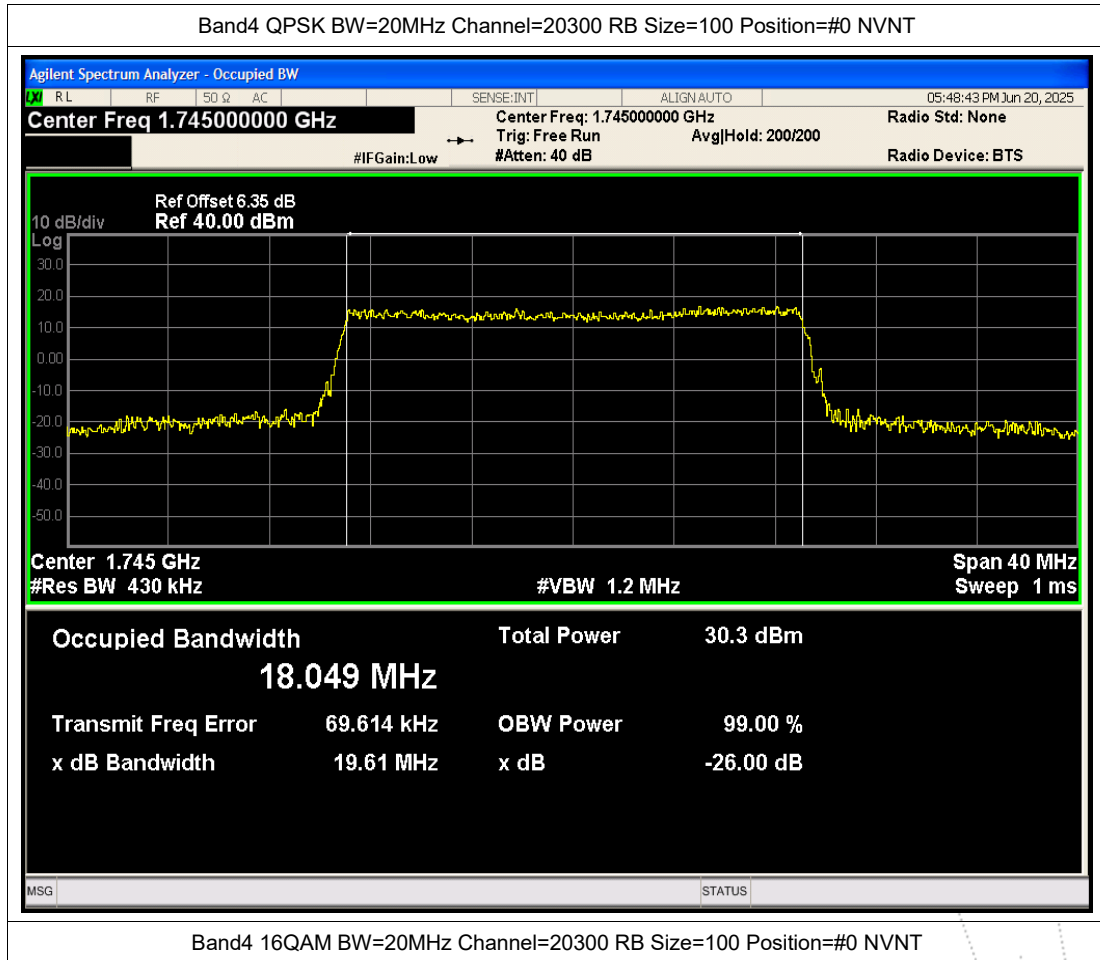






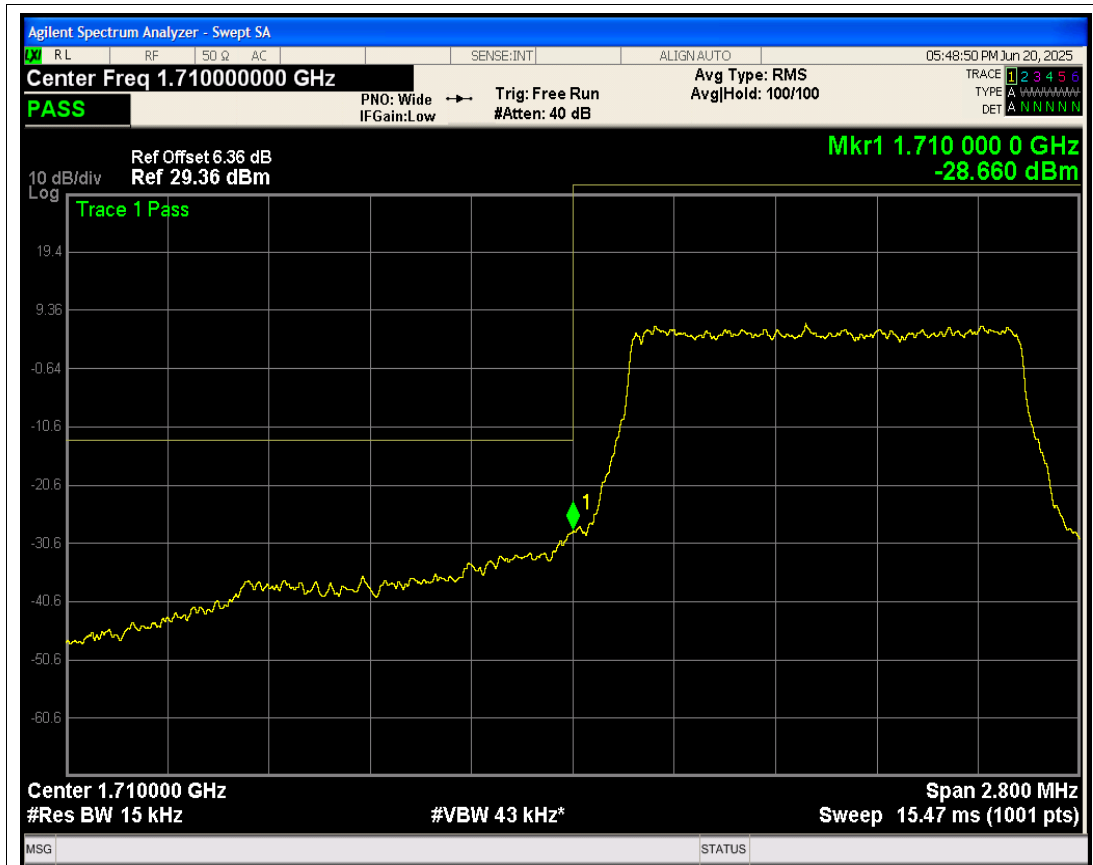
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0 NVNT



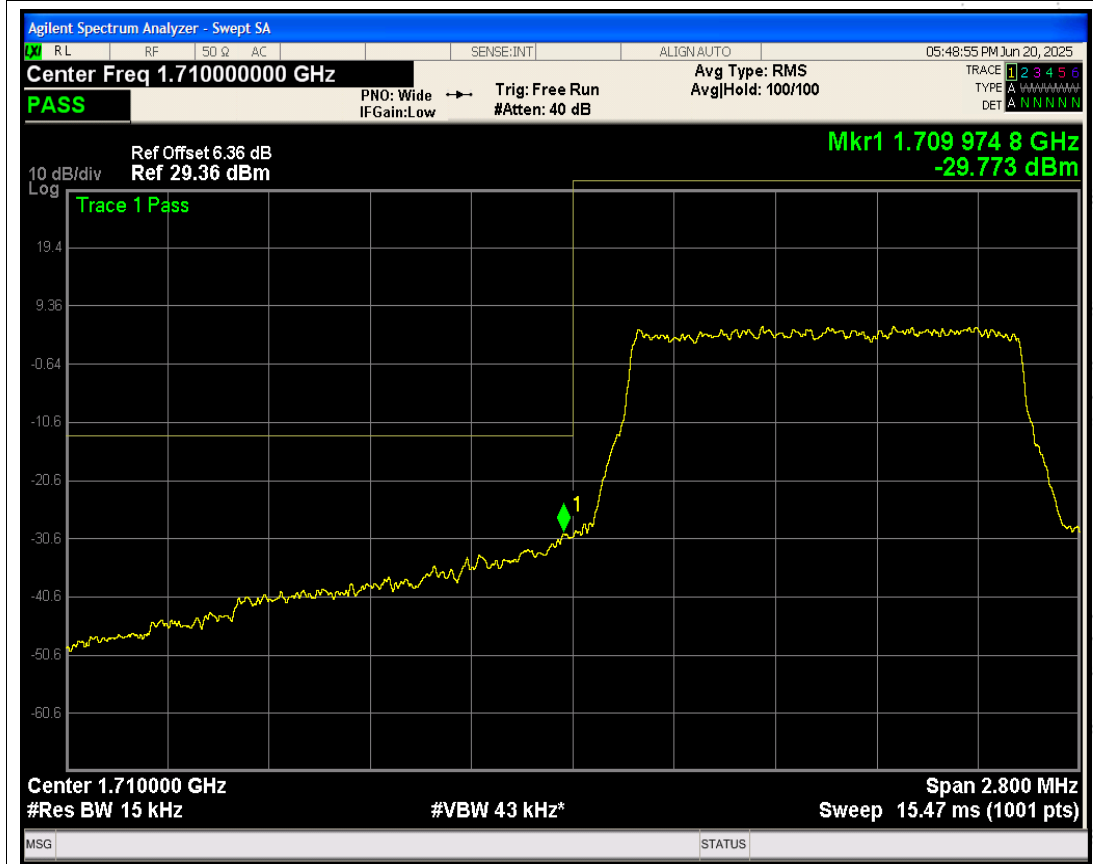


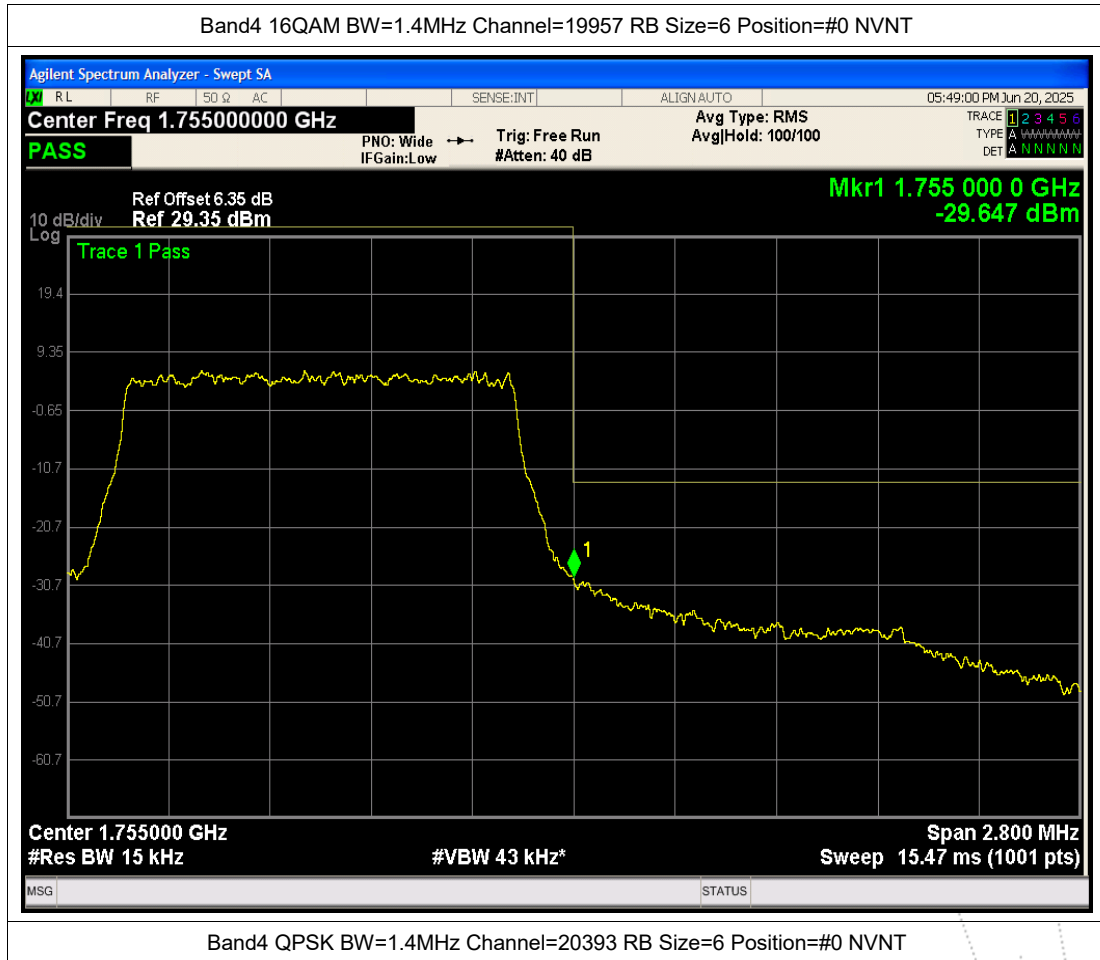
Appendix 5.Band edge

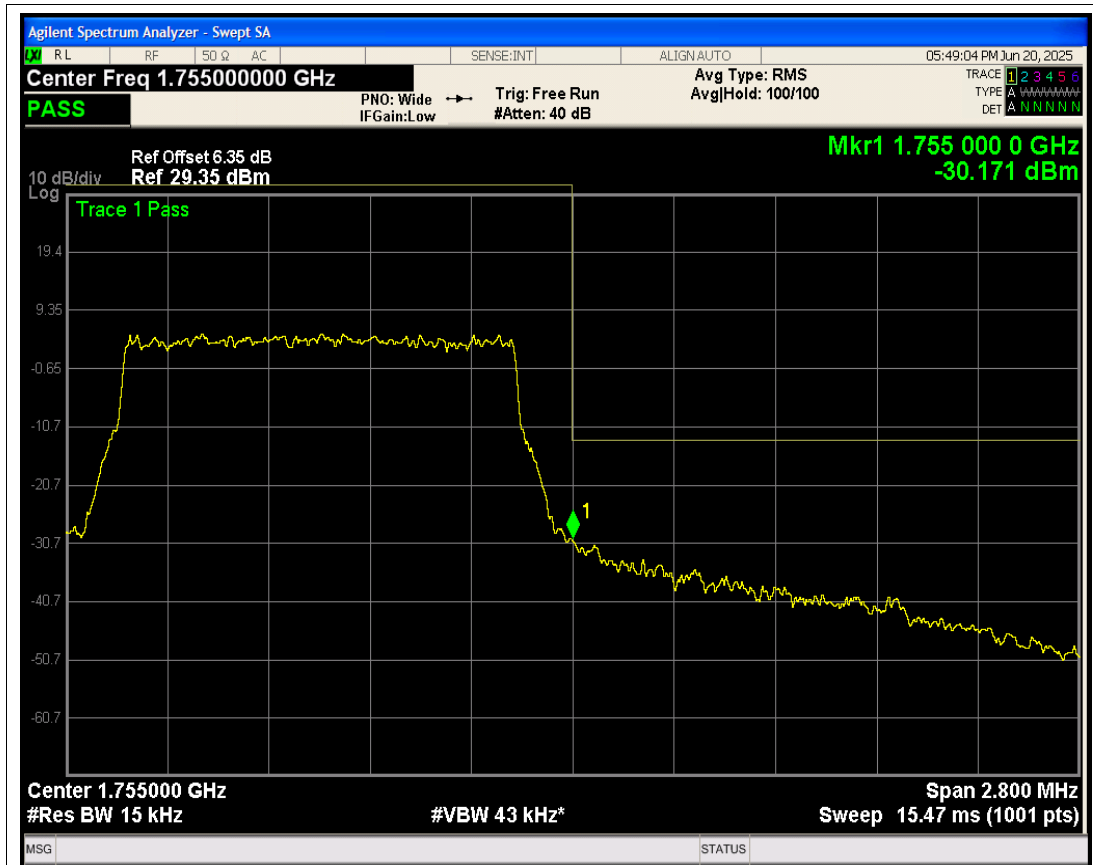
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band4	1.4	19957	6	#0	QPSK	1710.00	-28.66	-13	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	1709.97	-29.77	-13	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	1755.00	-29.64	-13	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	1755.00	-30.17	-13	PASS
NVNT	Band4	3	19965	15	#0	QPSK	1710.00	-23.65	-13	PASS
NVNT	Band4	3	19965	15	#0	16QAM	1710.00	-26.71	-13	PASS
NVNT	Band4	3	20385	15	#0	QPSK	1755.00	-25.48	-13	PASS
NVNT	Band4	3	20385	15	#0	16QAM	1755.01	-24.73	-13	PASS
NVNT	Band4	5	19975	25	#0	QPSK	1710.00	-30.13	-13	PASS
NVNT	Band4	5	19975	25	#0	16QAM	1710.00	-31.10	-13	PASS
NVNT	Band4	5	20375	25	#0	QPSK	1755.00	-28.66	-13	PASS
NVNT	Band4	5	20375	25	#0	16QAM	1755.00	-31.44	-13	PASS
NVNT	Band4	10	20000	50	#0	QPSK	1709.96	-34.54	-13	PASS
NVNT	Band4	10	20000	50	#0	16QAM	1709.92	-35.77	-13	PASS
NVNT	Band4	10	20350	50	#0	QPSK	1755.02	-32.99	-13	PASS
NVNT	Band4	10	20350	50	#0	16QAM	1755.00	-34.19	-13	PASS
NVNT	Band4	15	20025	75	#0	QPSK	1709.97	-32.81	-13	PASS
NVNT	Band4	15	20025	75	#0	16QAM	1709.94	-34.10	-13	PASS
NVNT	Band4	15	20325	75	#0	QPSK	1755.00	-30.39	-13	PASS
NVNT	Band4	15	20325	75	#0	16QAM	1755.00	-31.50	-13	PASS
NVNT	Band4	20	20050	100	#0	QPSK	1710.00	-33.68	-13	PASS
NVNT	Band4	20	20050	100	#0	16QAM	1709.96	-34.40	-13	PASS
NVNT	Band4	20	20300	100	#0	QPSK	1755.04	-31.43	-13	PASS
NVNT	Band4	20	20300	100	#0	16QAM	1755.12	-33.88	-13	PASS



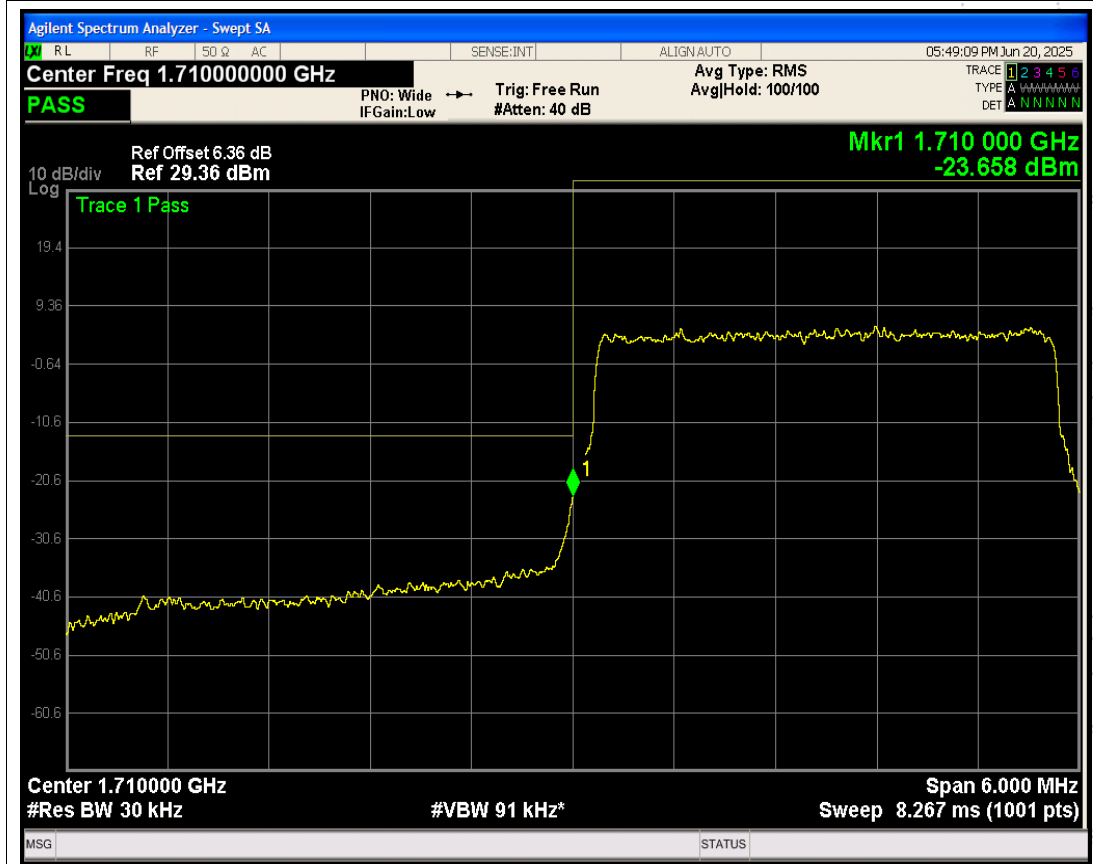
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT

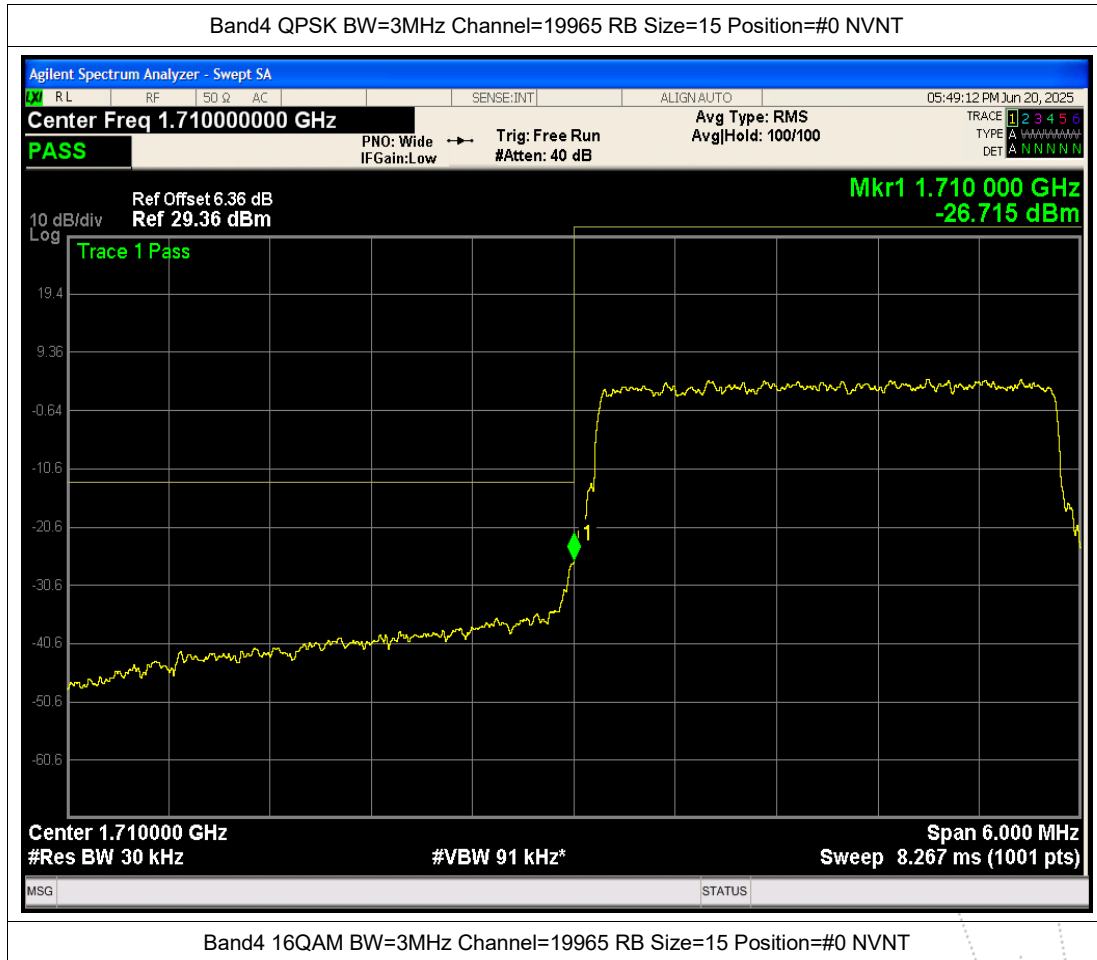




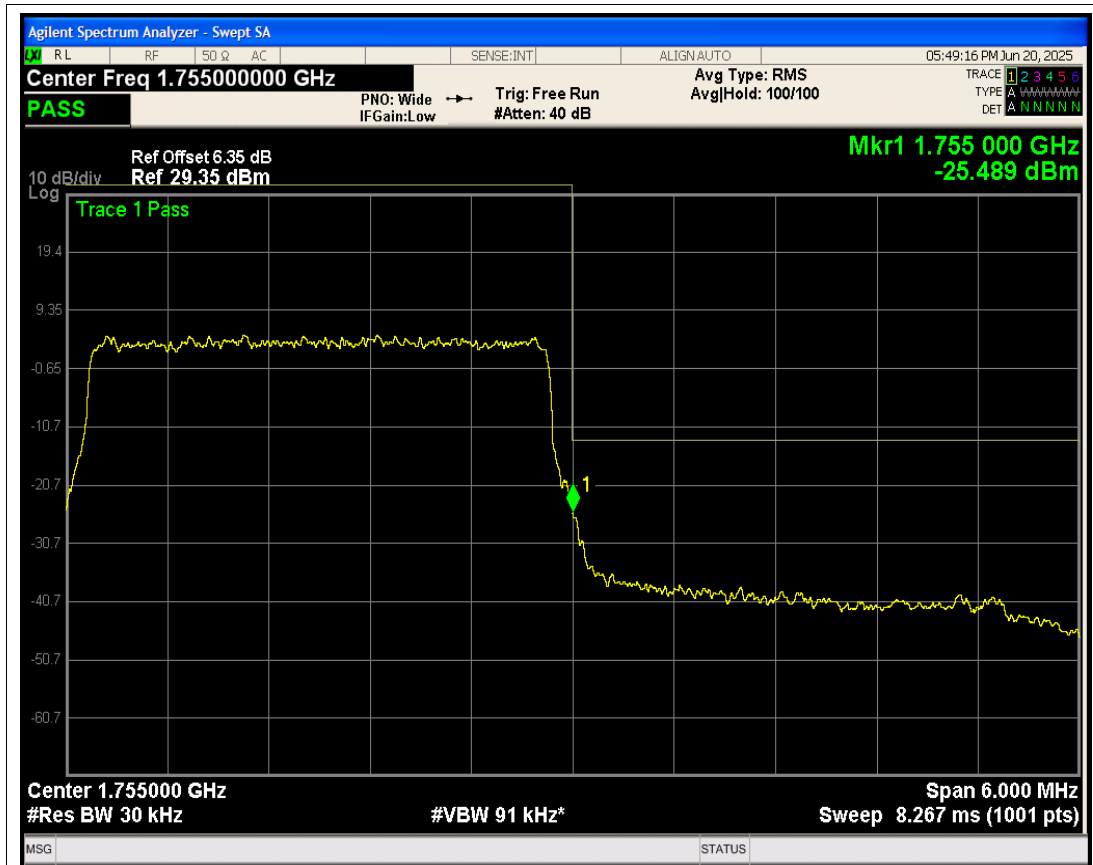


Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



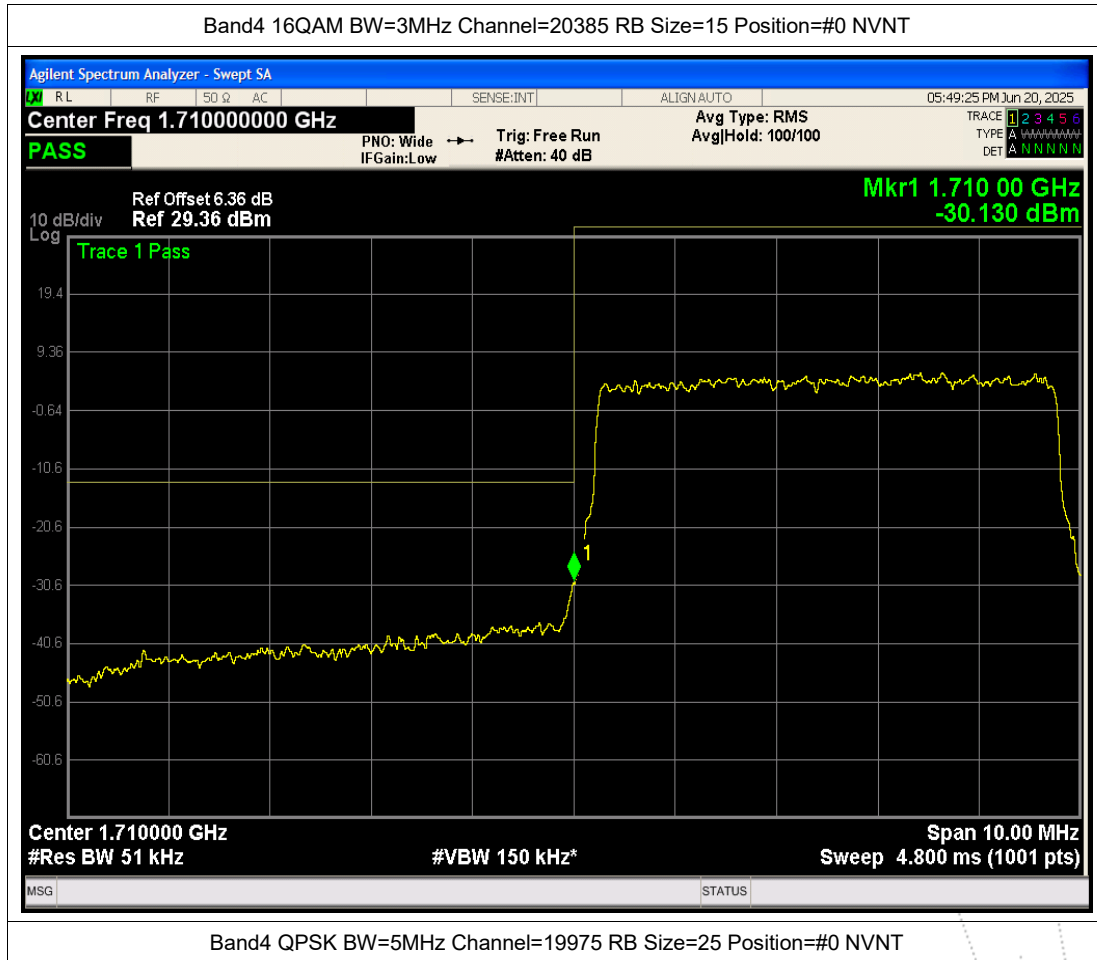


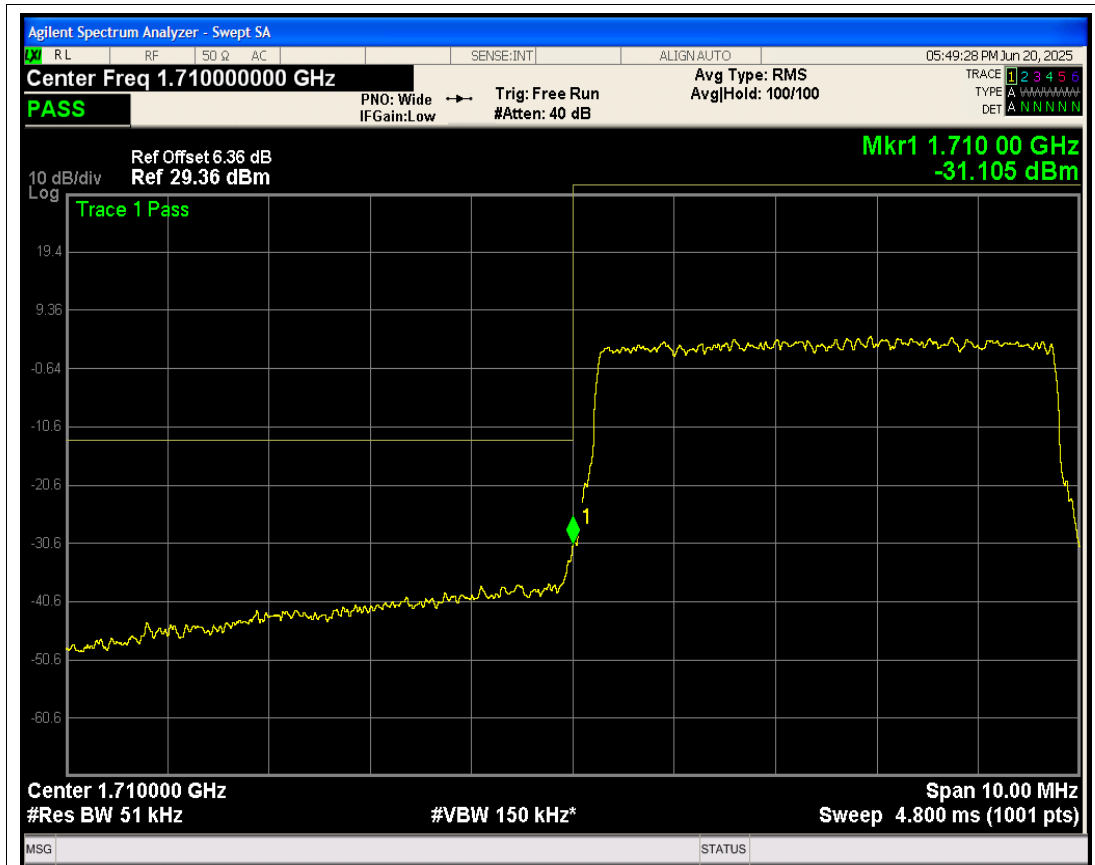
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



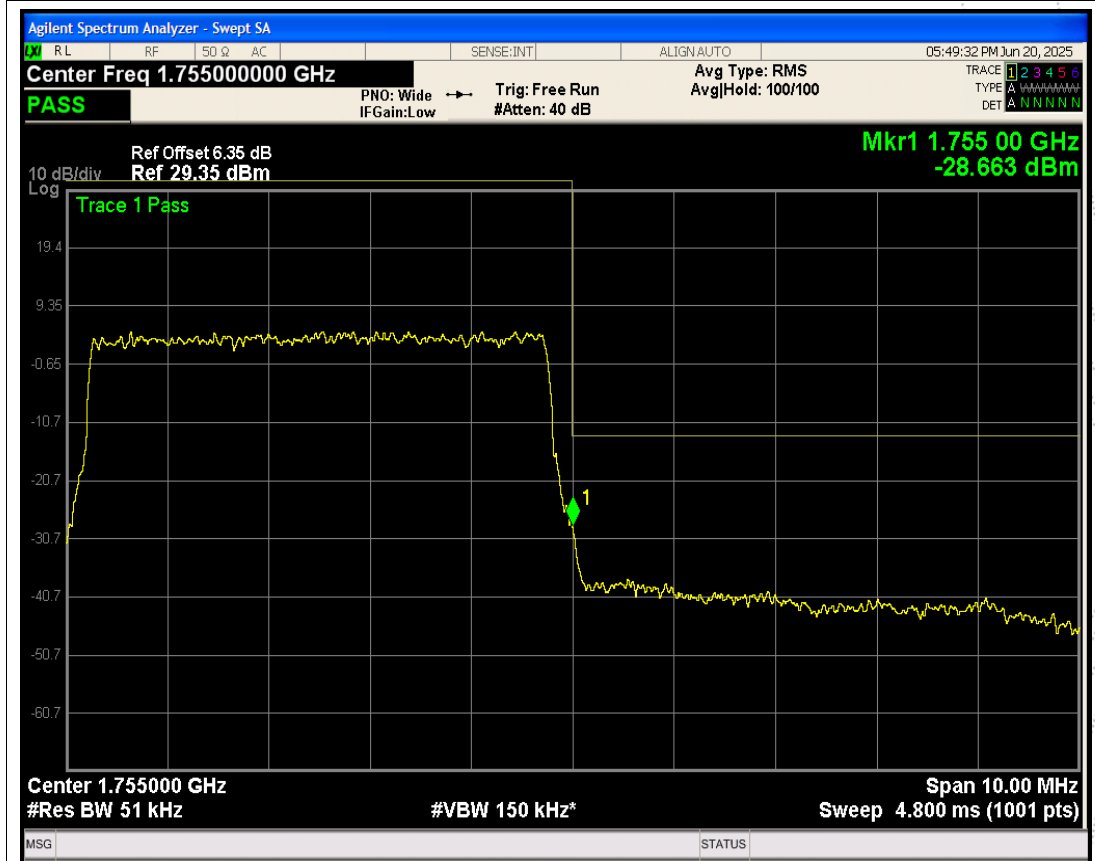
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT

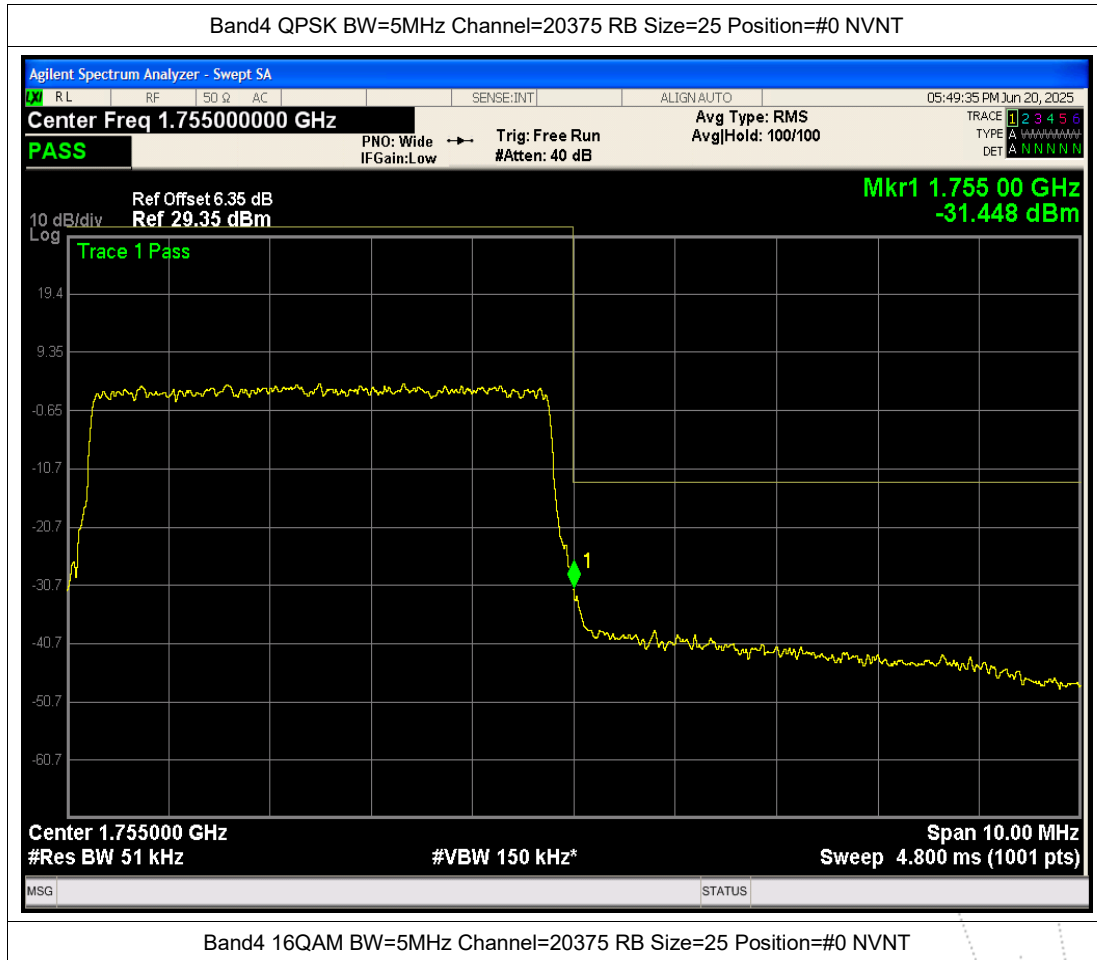


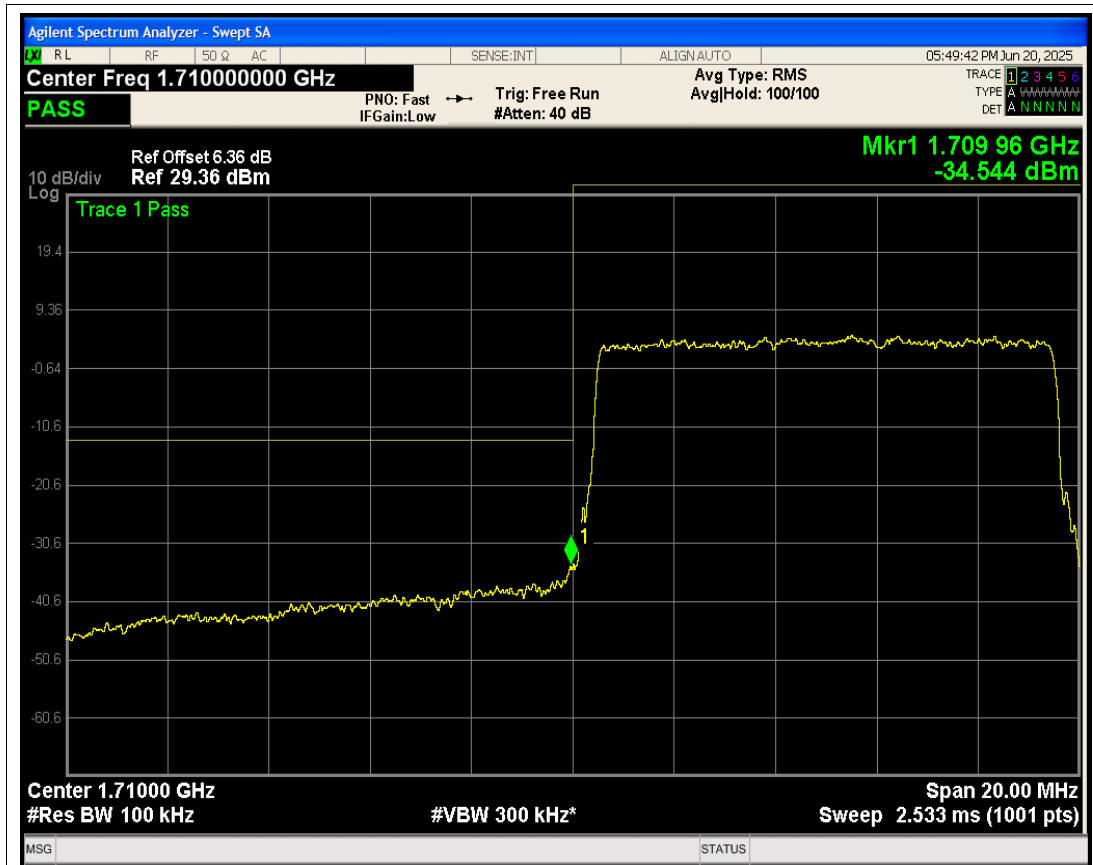




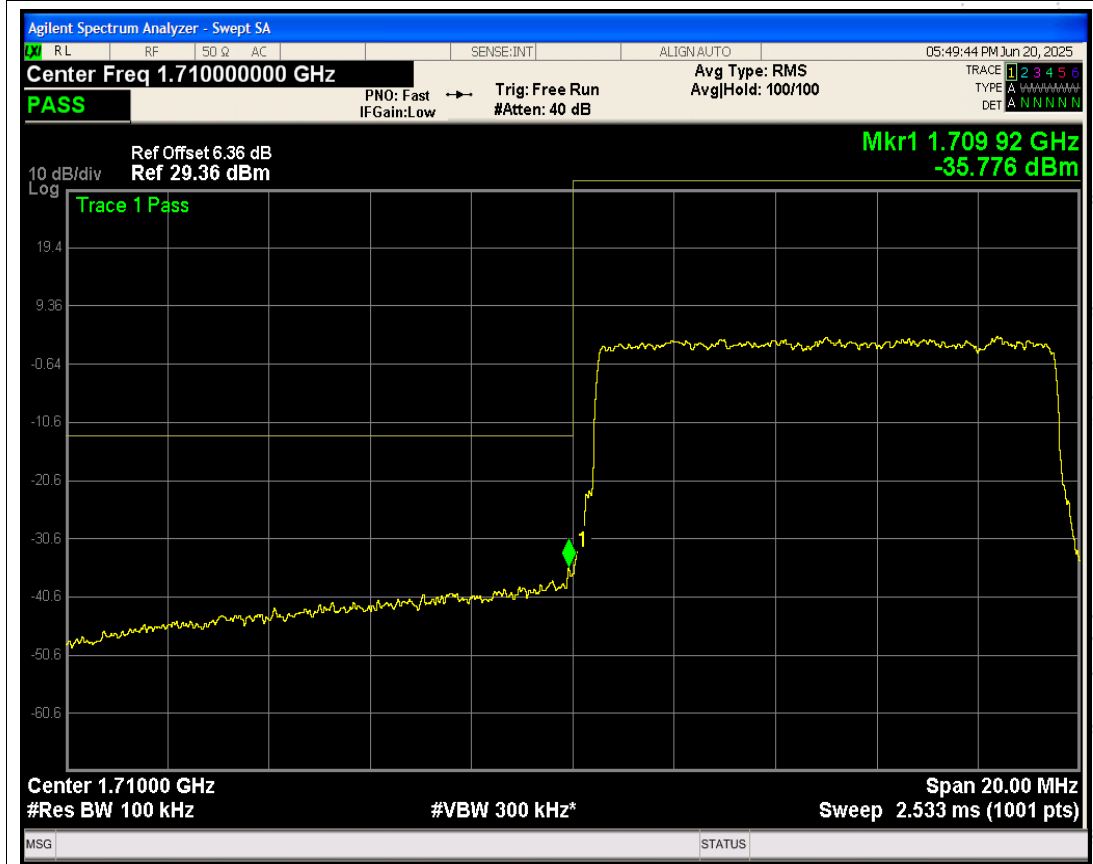
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

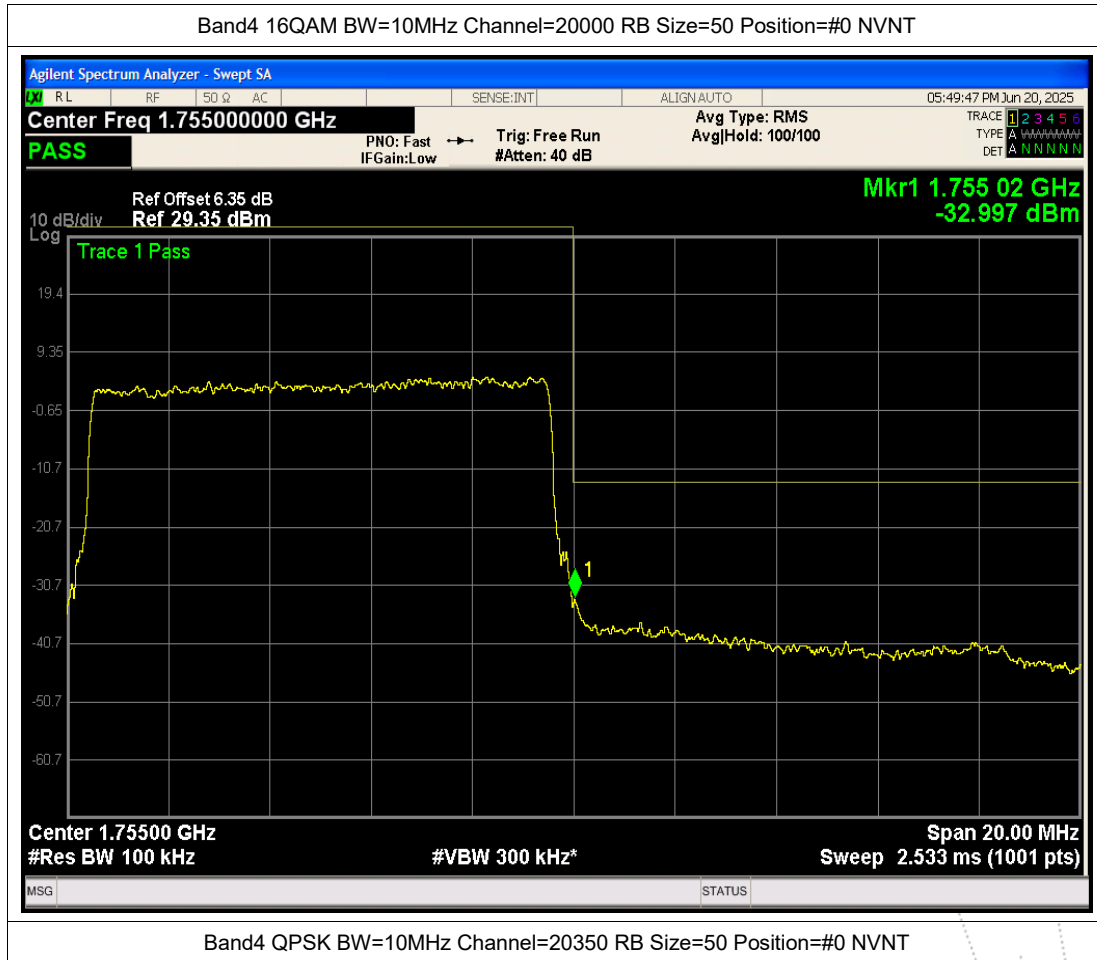


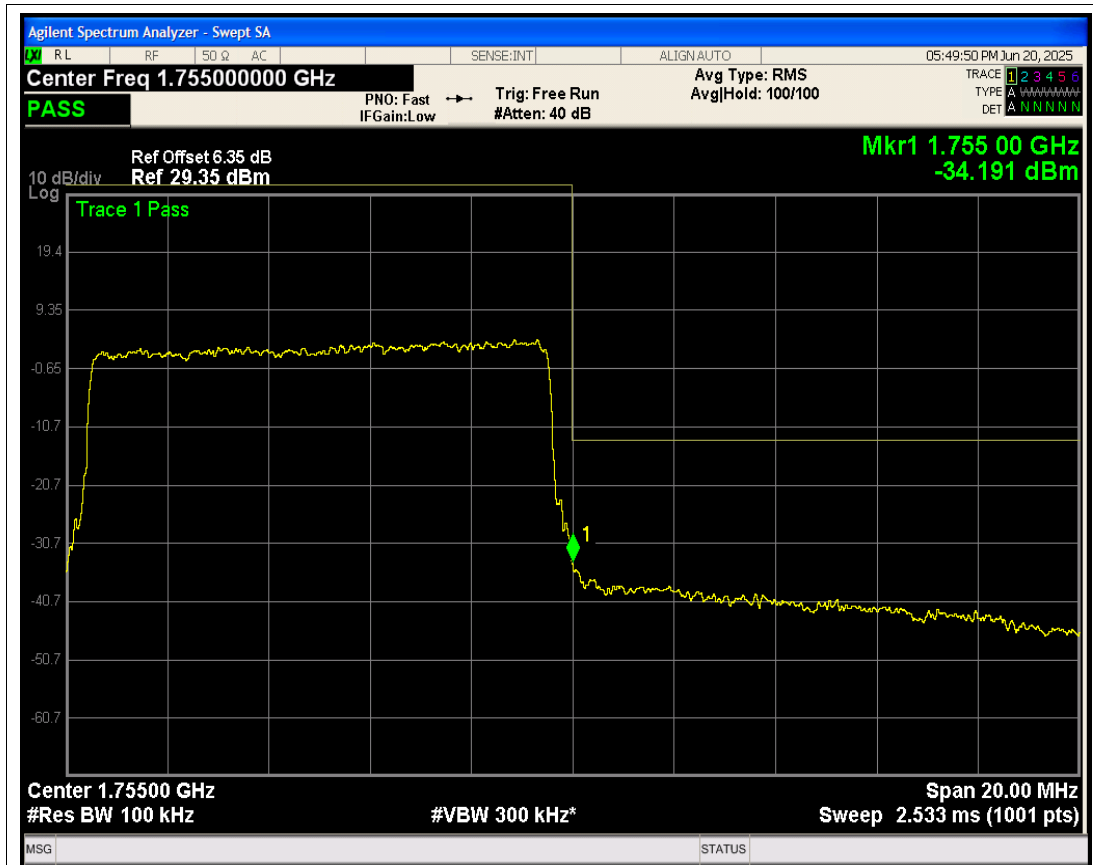




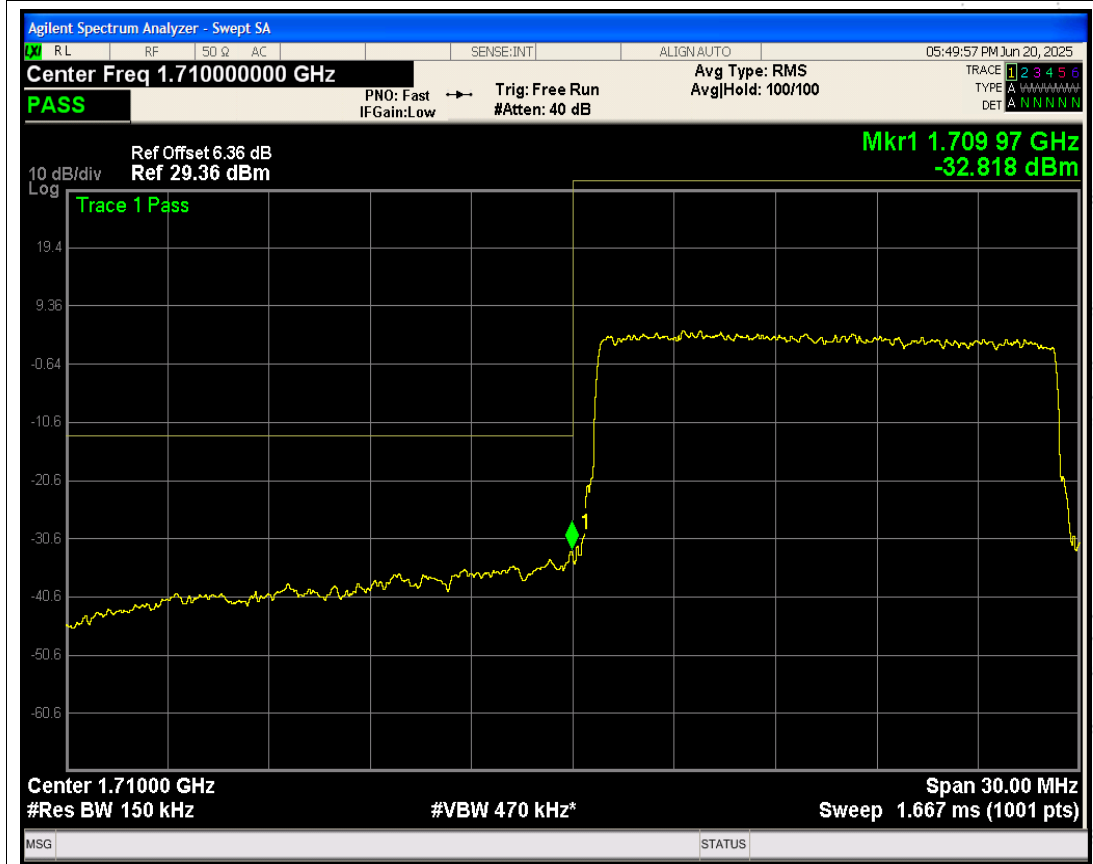
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT

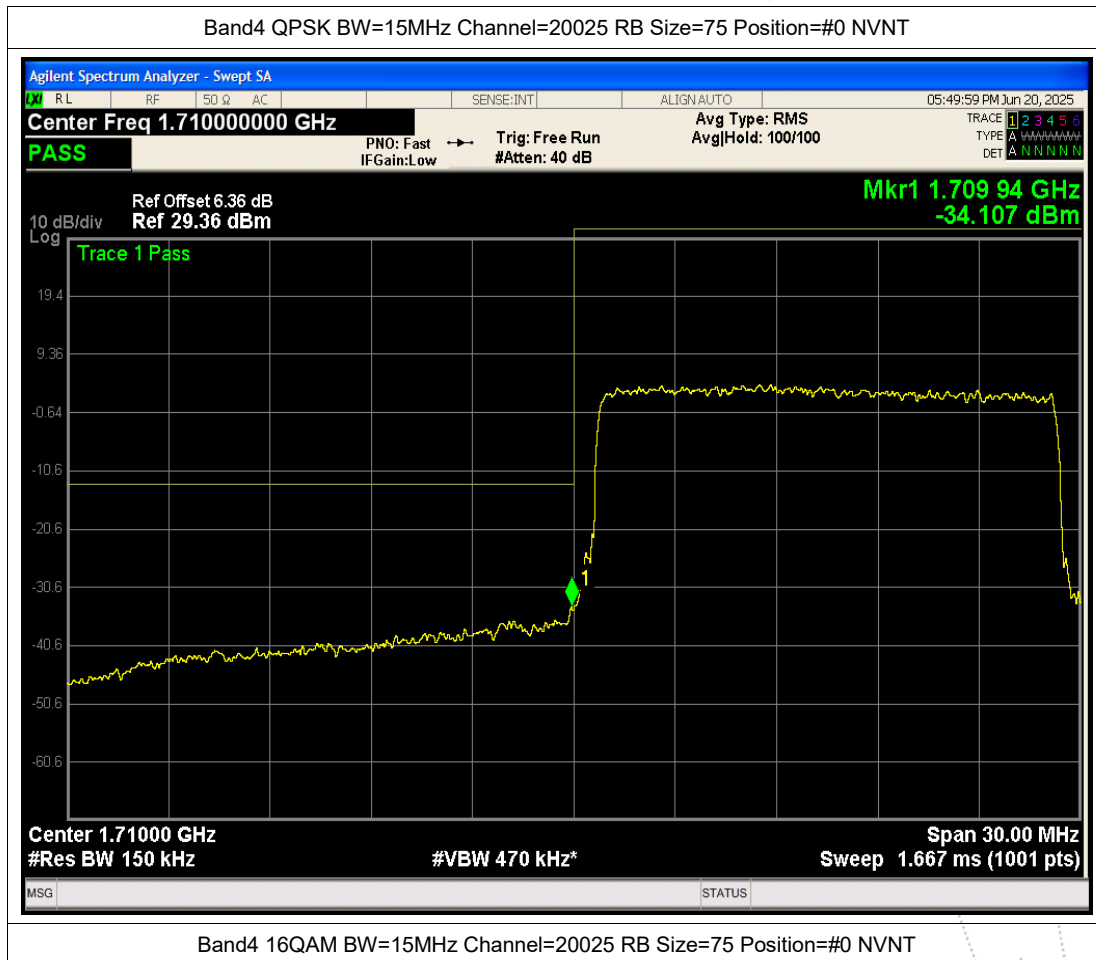


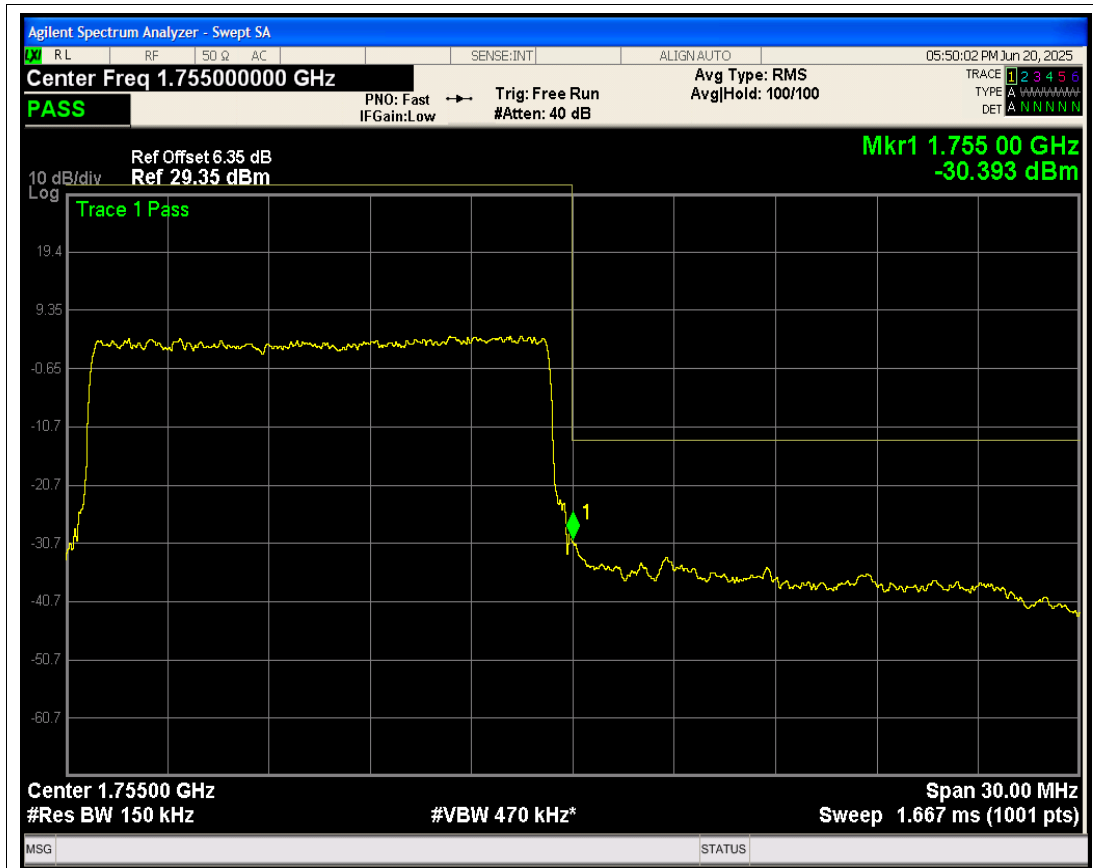




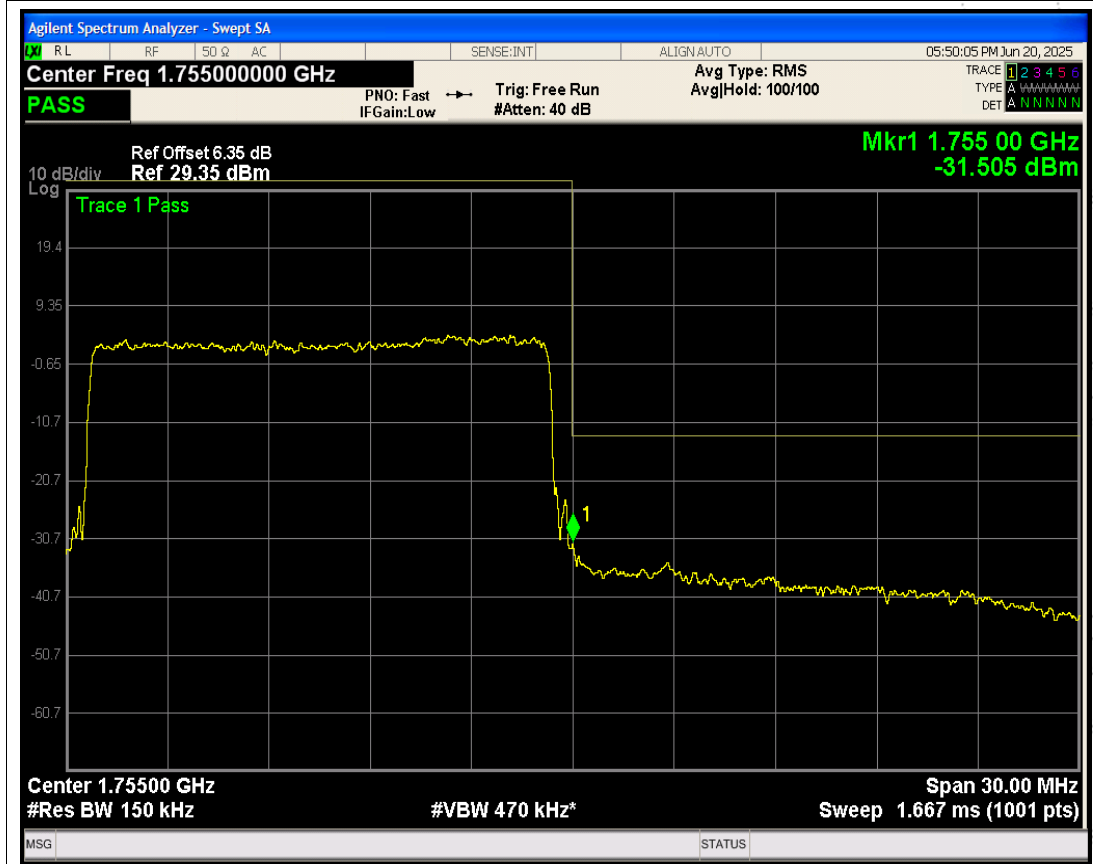
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT

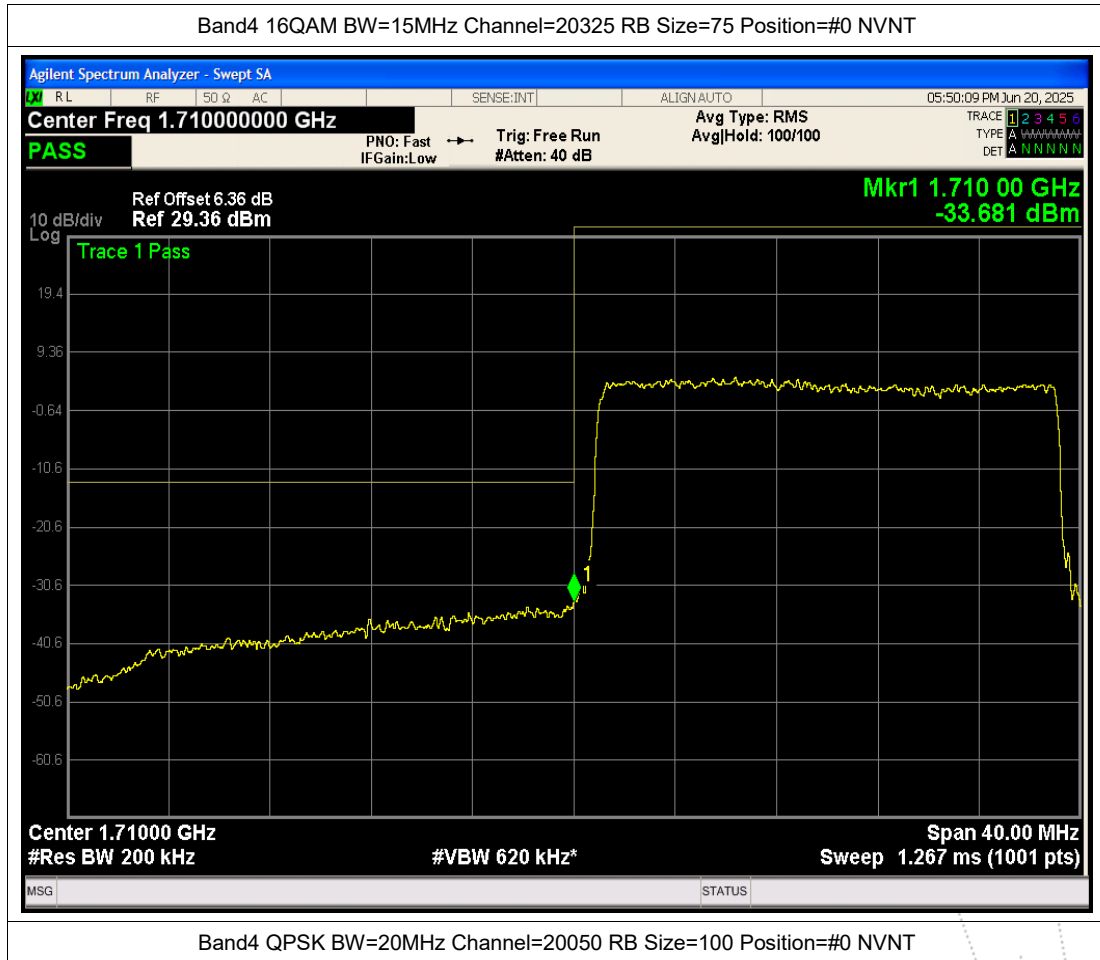


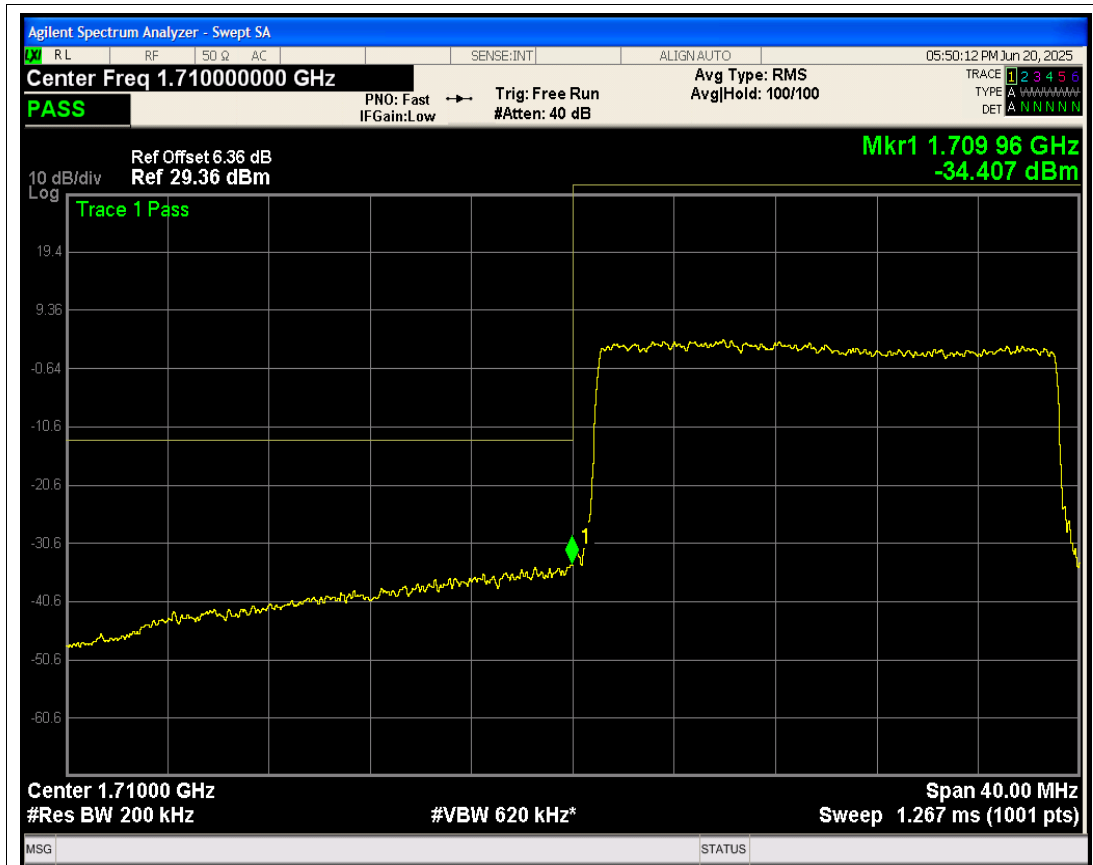




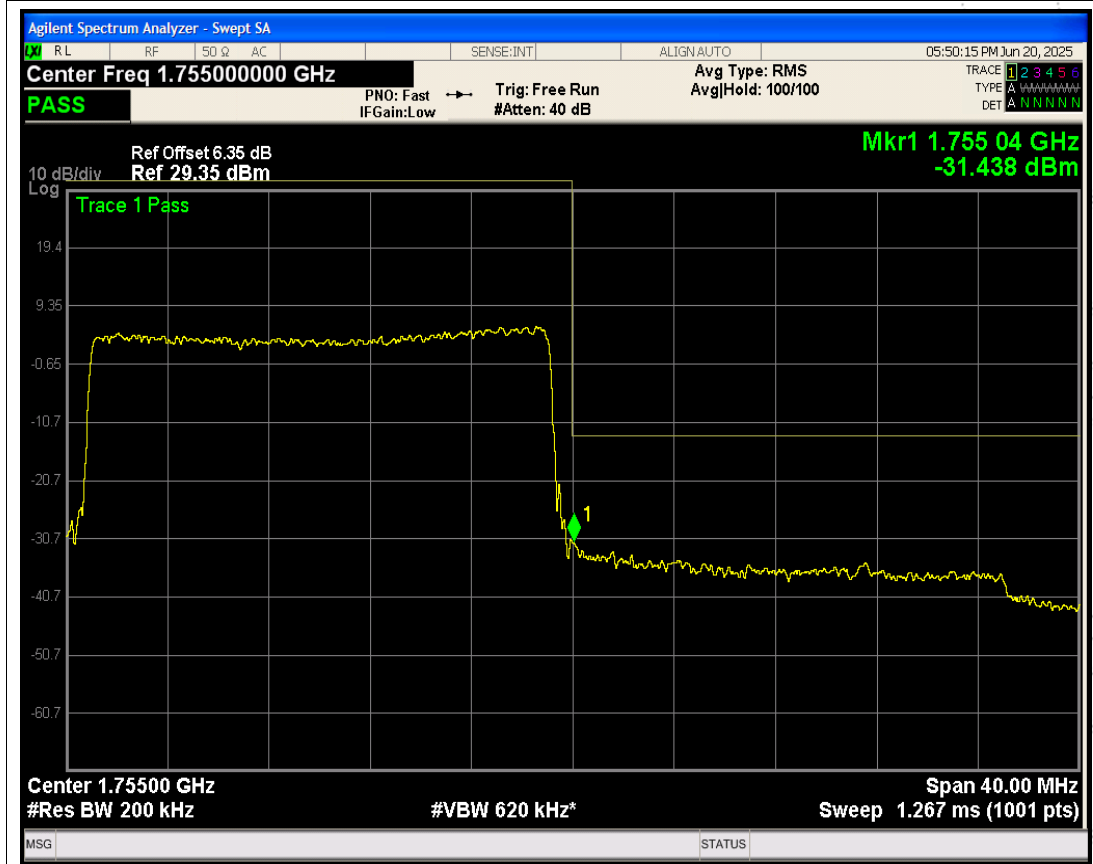
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT

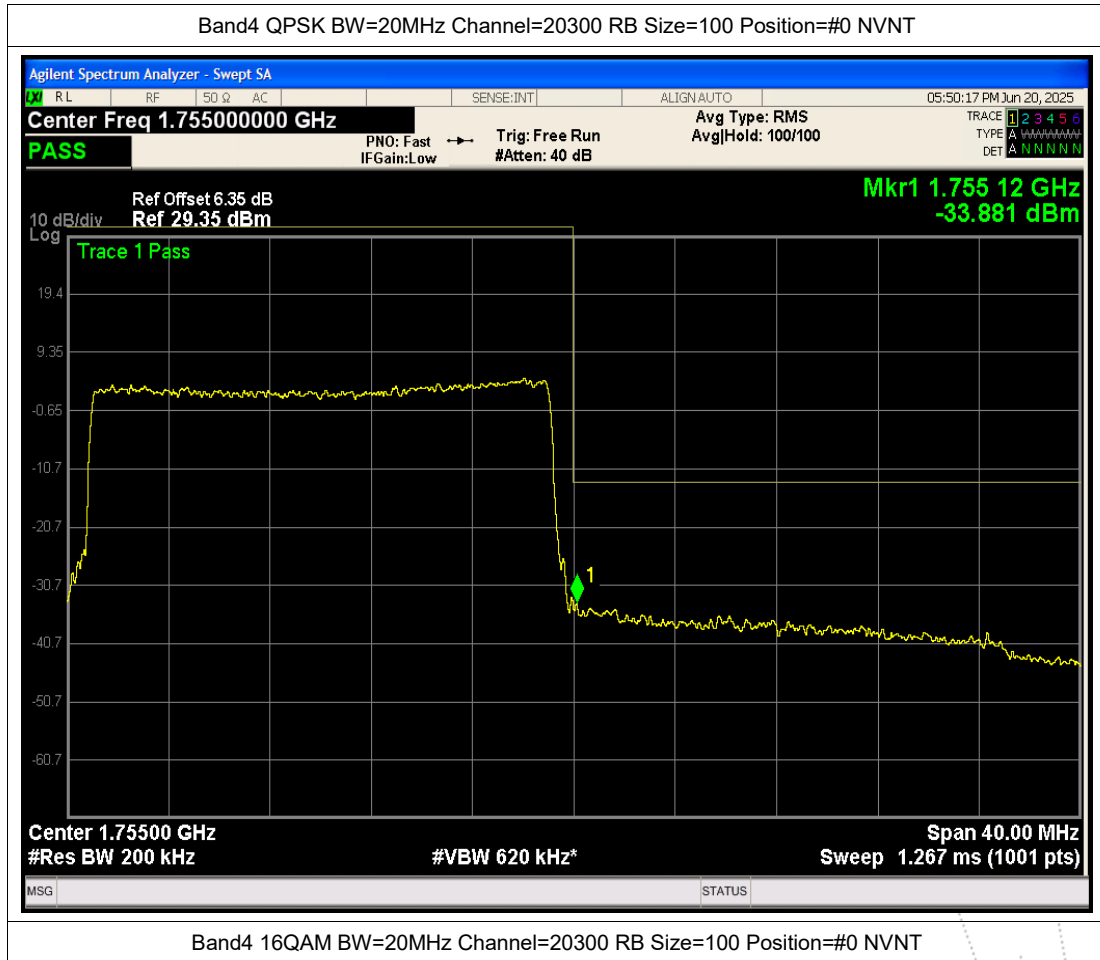






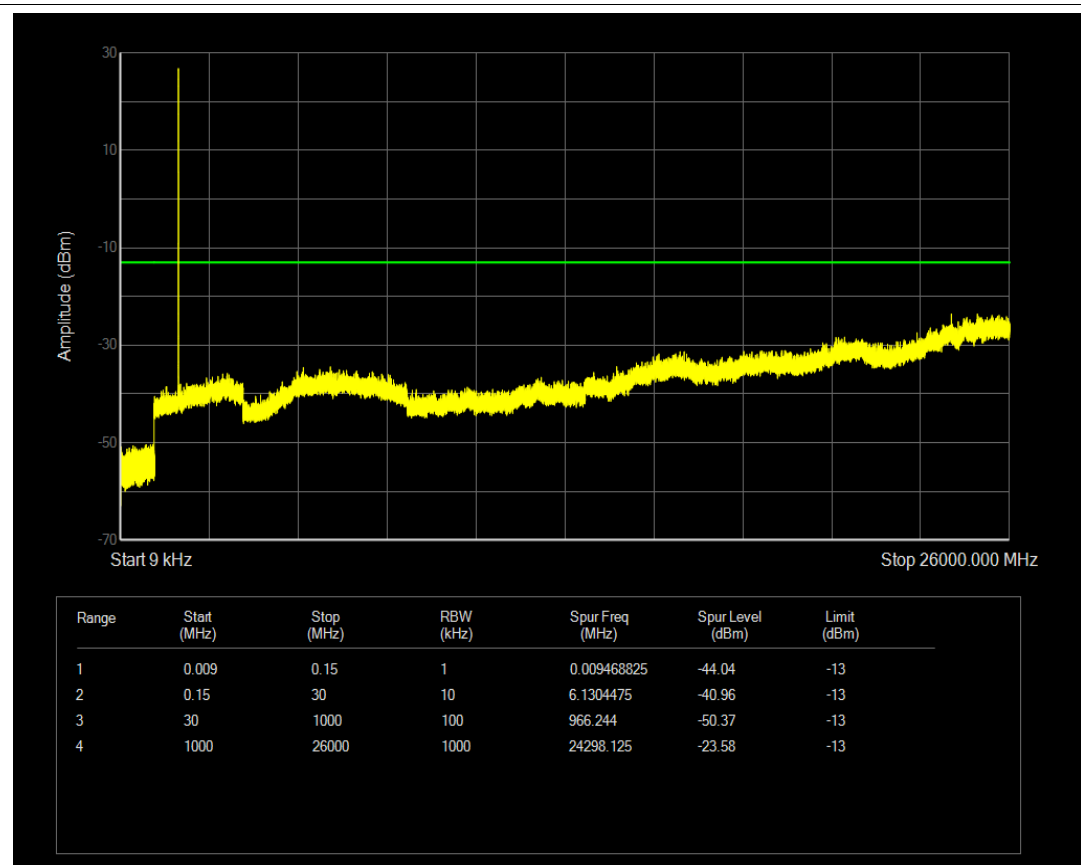
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



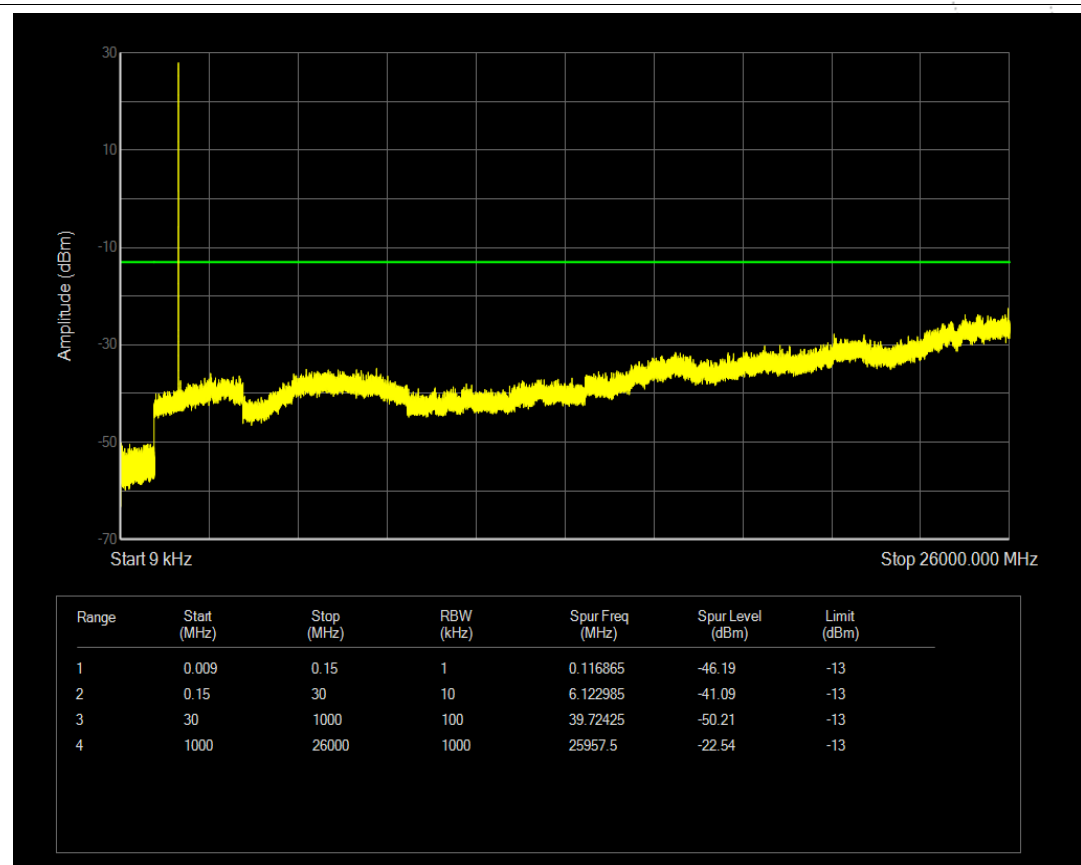


Appendix 6.Out-of-band emissions

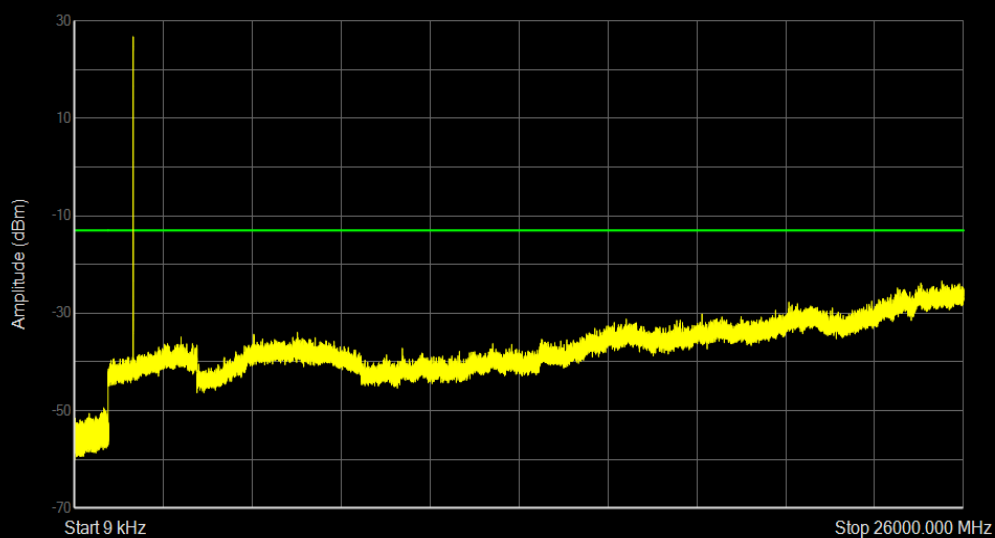
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band4	1.4	19957	6	#0	QPSK	24298.13	-23.58	-13	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	25957.50	-22.54	-13	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	25366.25	-23.41	-13	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	25105.00	-23.94	-13	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	24278.75	-23.70	-13	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	25405.00	-23.10	-13	PASS
NVNT	Band4	3	19965	15	#0	QPSK	25591.88	-23.52	-13	PASS
NVNT	Band4	3	19965	15	#0	16QAM	25963.75	-22.99	-13	PASS
NVNT	Band4	3	20175	15	#0	QPSK	25789.38	-23.12	-13	PASS
NVNT	Band4	3	20175	15	#0	16QAM	25907.50	-22.99	-13	PASS
NVNT	Band4	3	20385	15	#0	QPSK	25718.13	-23.17	-13	PASS
NVNT	Band4	3	20385	15	#0	16QAM	25108.13	-23.40	-13	PASS
NVNT	Band4	5	19975	25	#0	QPSK	24716.25	-23.33	-13	PASS
NVNT	Band4	5	19975	25	#0	16QAM	25043.13	-23.47	-13	PASS
NVNT	Band4	5	20175	25	#0	QPSK	25846.25	-23.02	-13	PASS
NVNT	Band4	5	20175	25	#0	16QAM	25459.38	-23.10	-13	PASS
NVNT	Band4	5	20375	25	#0	QPSK	25966.88	-23.58	-13	PASS
NVNT	Band4	5	20375	25	#0	16QAM	25451.88	-23.50	-13	PASS
NVNT	Band4	10	20000	50	#0	QPSK	25170.63	-23.13	-13	PASS
NVNT	Band4	10	20000	50	#0	16QAM	25795.00	-22.62	-13	PASS
NVNT	Band4	10	20175	50	#0	QPSK	25498.13	-23.54	-13	PASS
NVNT	Band4	10	20175	50	#0	16QAM	25970.63	-23.26	-13	PASS
NVNT	Band4	10	20350	50	#0	QPSK	25593.13	-23.89	-13	PASS
NVNT	Band4	10	20350	50	#0	16QAM	25468.13	-22.40	-13	PASS
NVNT	Band4	15	20025	75	#0	QPSK	25720.63	-23.42	-13	PASS
NVNT	Band4	15	20025	75	#0	16QAM	25703.13	-23.38	-13	PASS
NVNT	Band4	15	20175	75	#0	QPSK	25325.00	-23.64	-13	PASS
NVNT	Band4	15	20175	75	#0	16QAM	25842.50	-23.51	-13	PASS
NVNT	Band4	15	20325	75	#0	QPSK	25786.88	-23.64	-13	PASS
NVNT	Band4	15	20325	75	#0	16QAM	25550.63	-23.47	-13	PASS
NVNT	Band4	20	20050	100	#0	QPSK	25418.13	-23.32	-13	PASS
NVNT	Band4	20	20050	100	#0	16QAM	25047.50	-23.71	-13	PASS
NVNT	Band4	20	20175	100	#0	QPSK	24253.75	-23.40	-13	PASS
NVNT	Band4	20	20175	100	#0	16QAM	25438.13	-22.41	-13	PASS
NVNT	Band4	20	20300	100	#0	QPSK	25728.75	-22.67	-13	PASS
NVNT	Band4	20	20300	100	#0	16QAM	25194.38	-23.53	-13	PASS



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

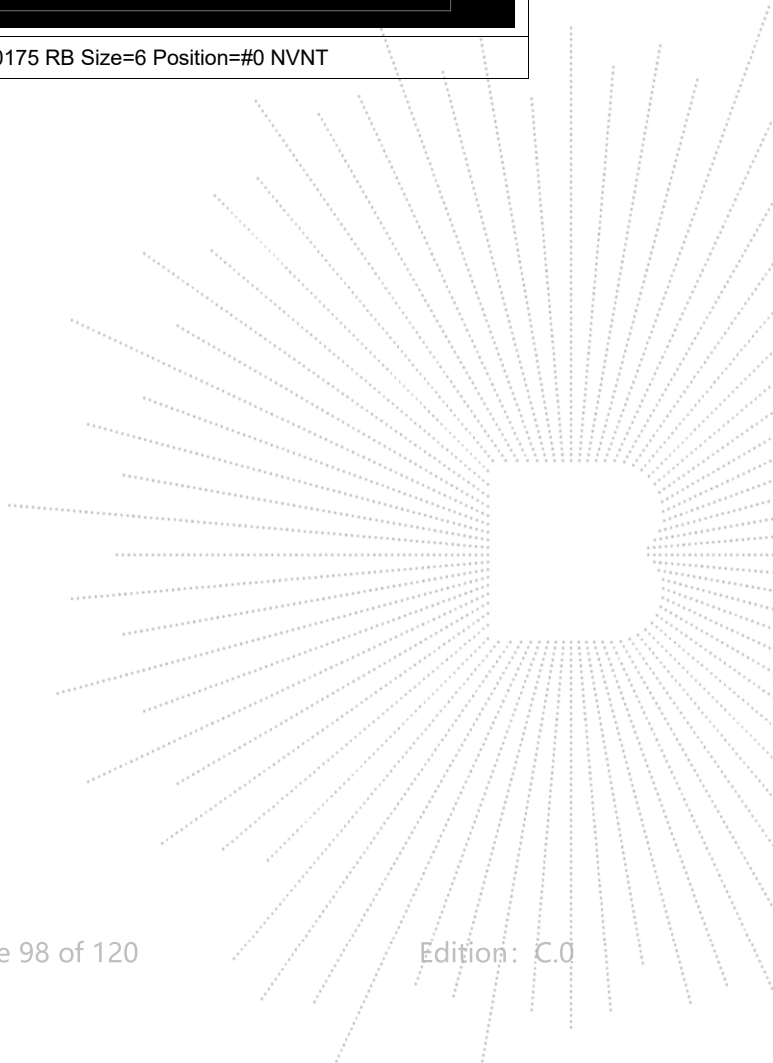


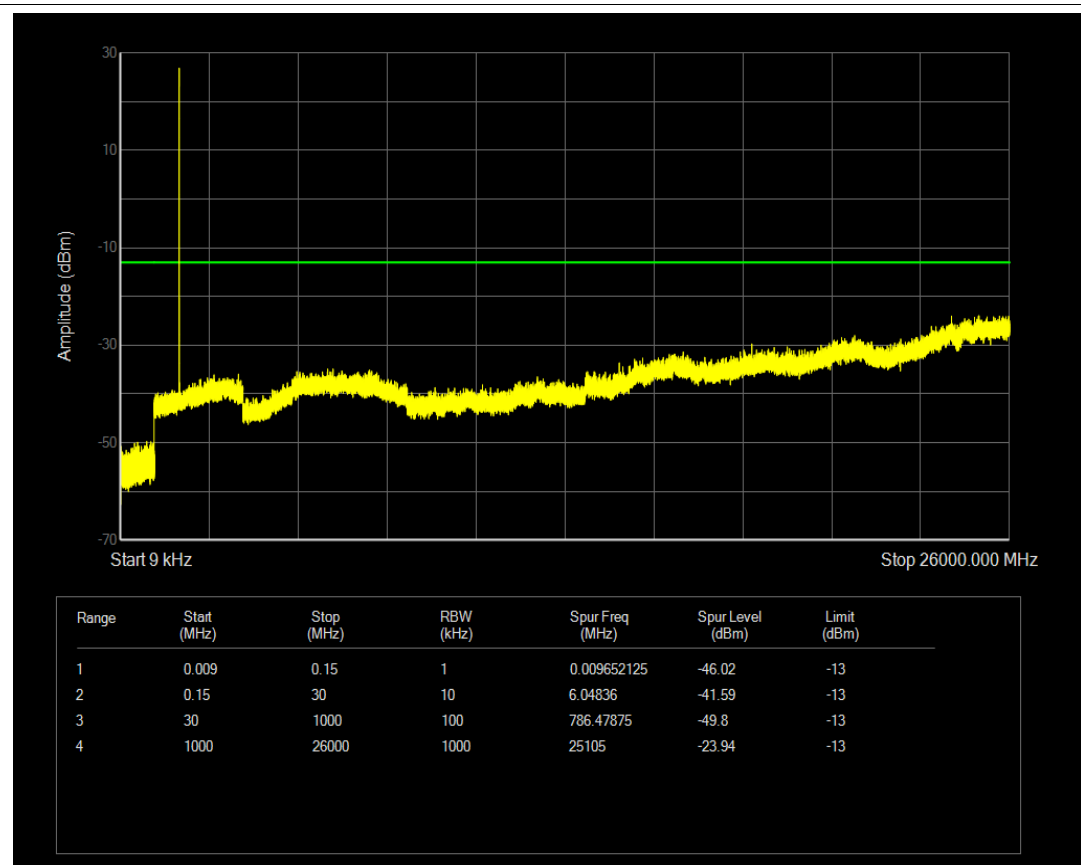
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT



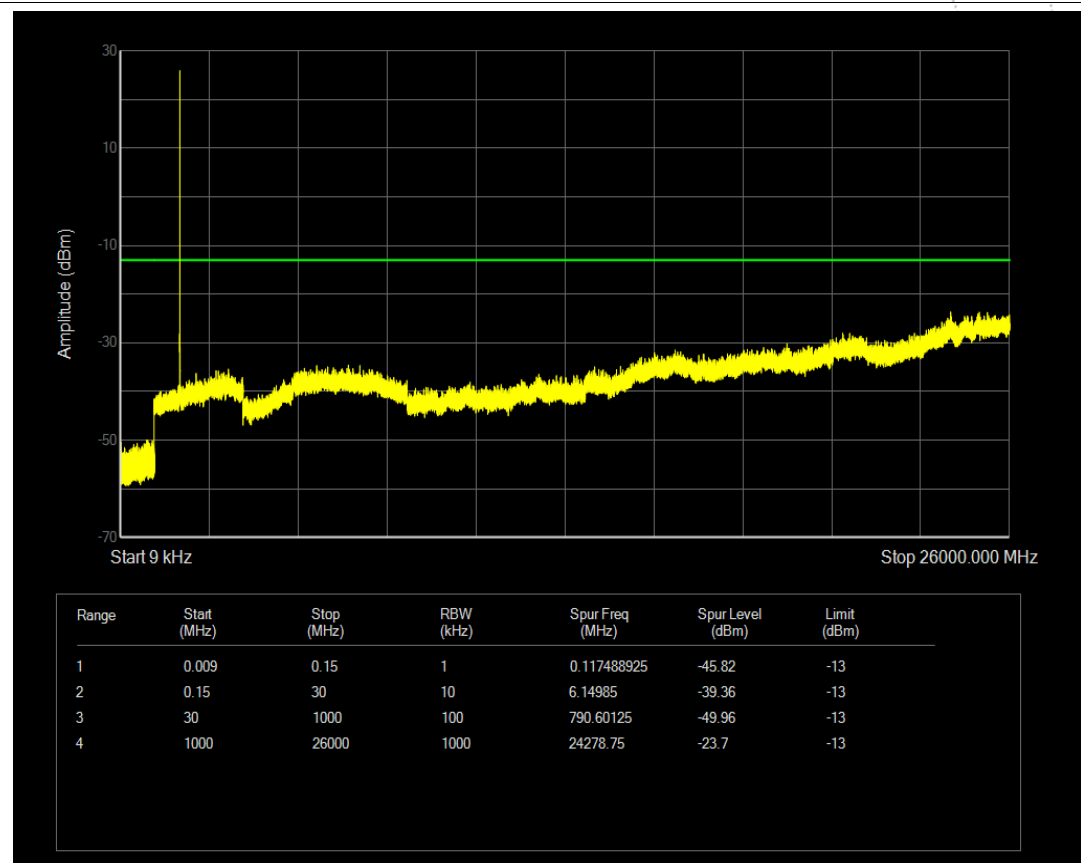
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.114401025	-45.78	-13
2	0.15	30	10	6.0588075	-41.45	-13
3	30	1000	100	875.03975	-49.42	-13
4	1000	26000	1000	25366.25	-23.41	-13

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

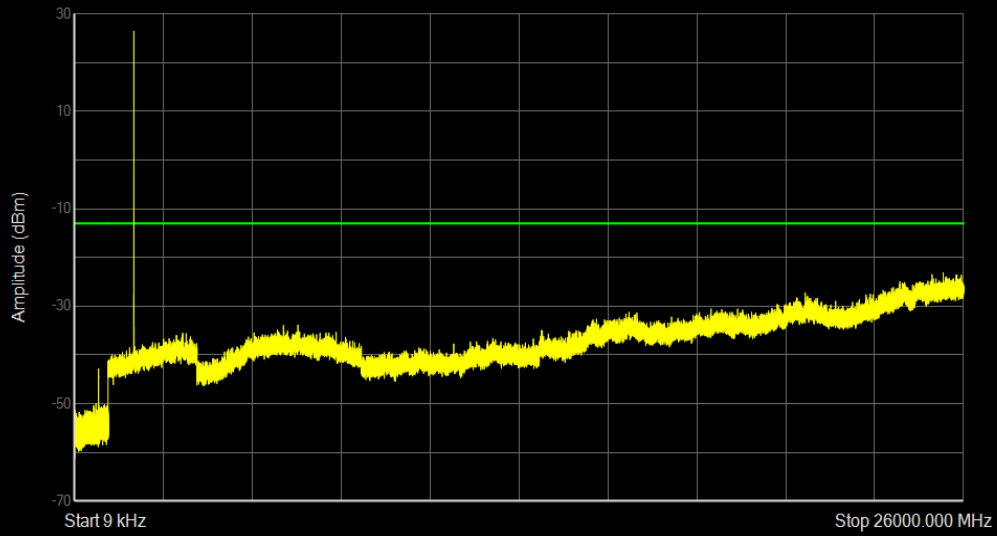




Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT

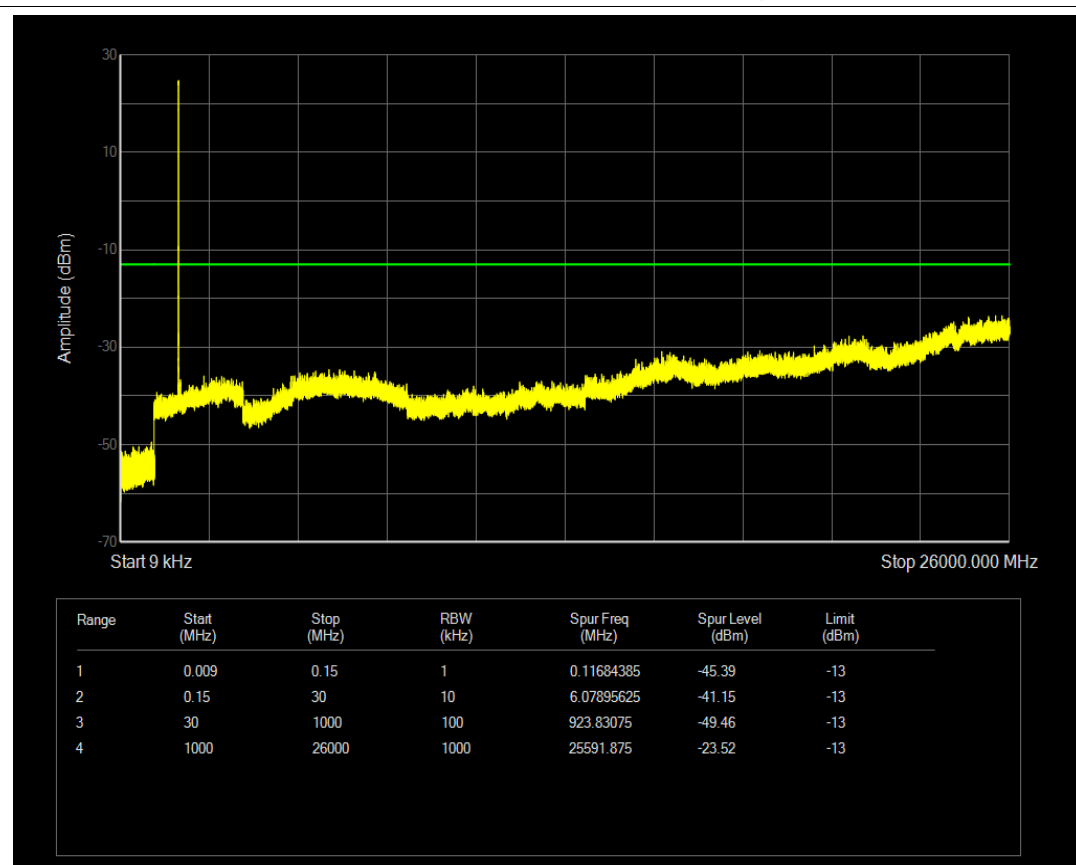


Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT

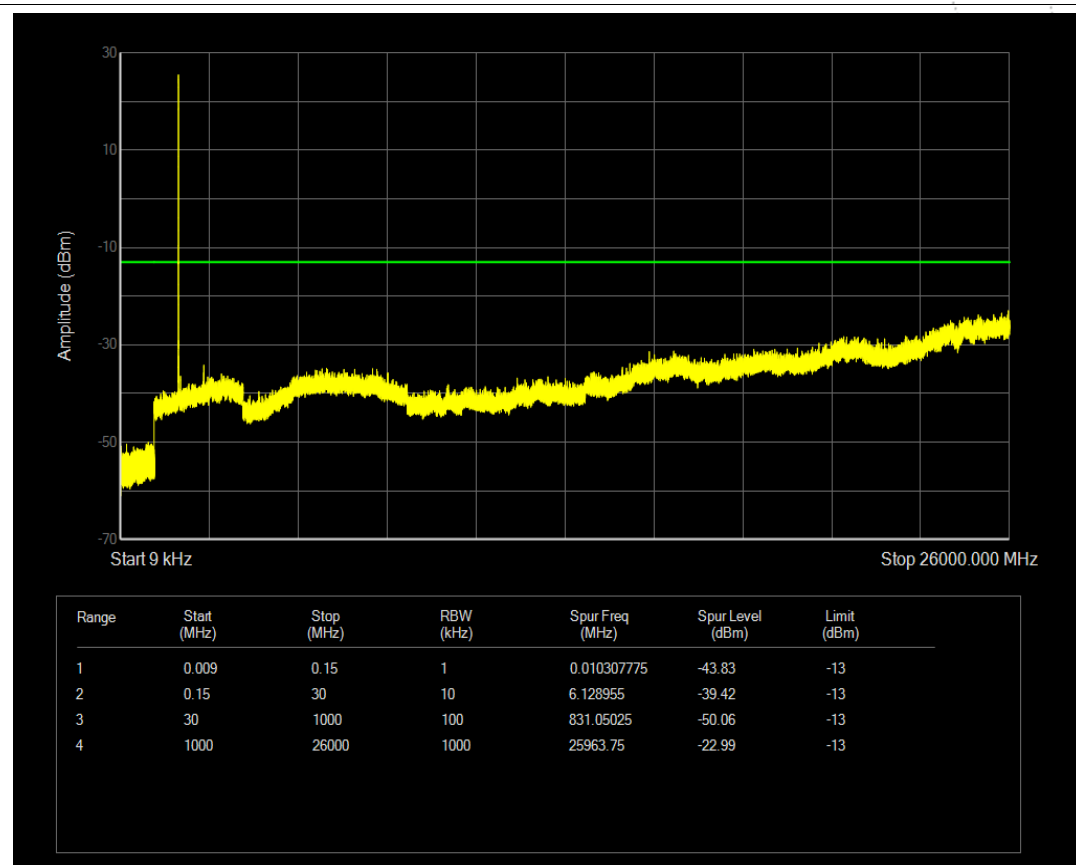


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11446095	-45.58	-13
2	0.15	30	10	6.1185075	-39.46	-13
3	30	1000	100	722.31325	-42.84	-13
4	1000	26000	1000	25405	-23.1	-13

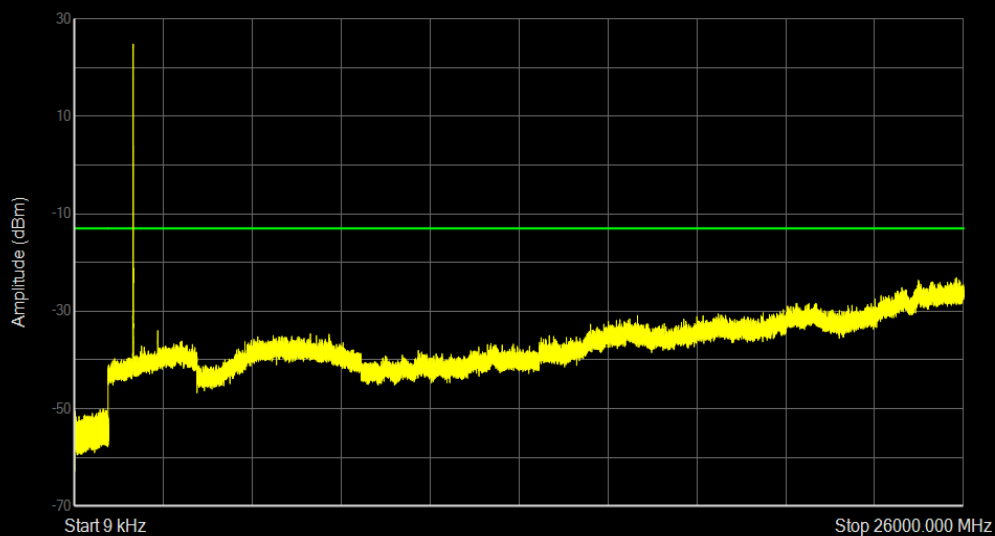
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



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

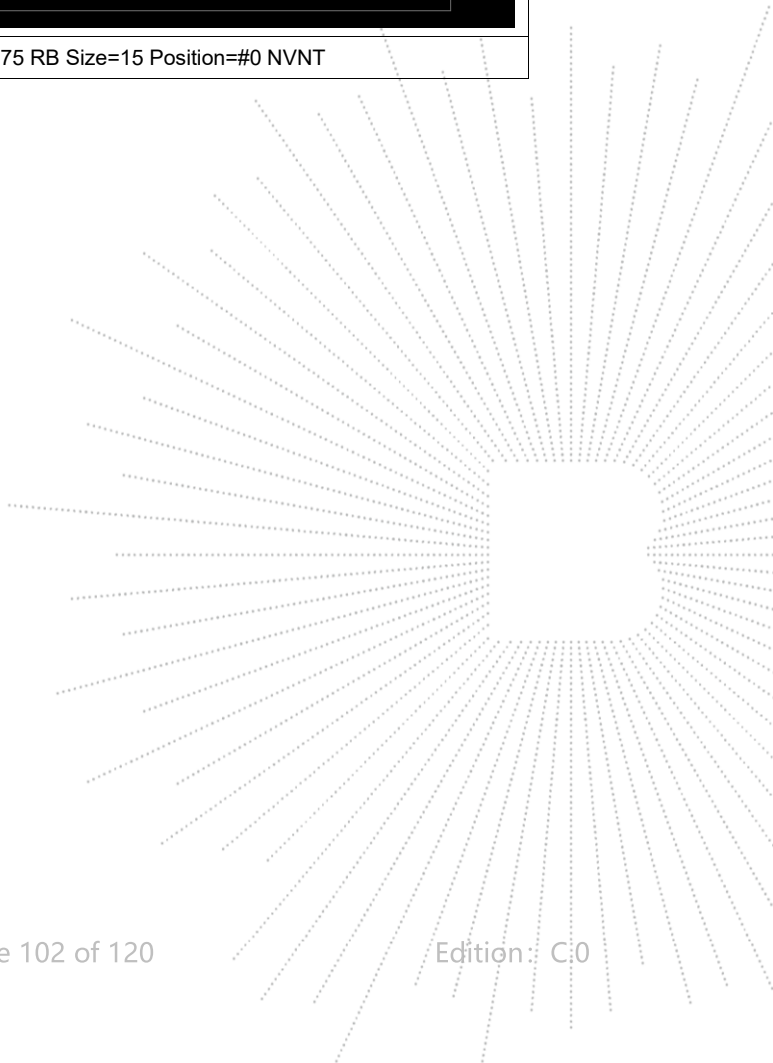


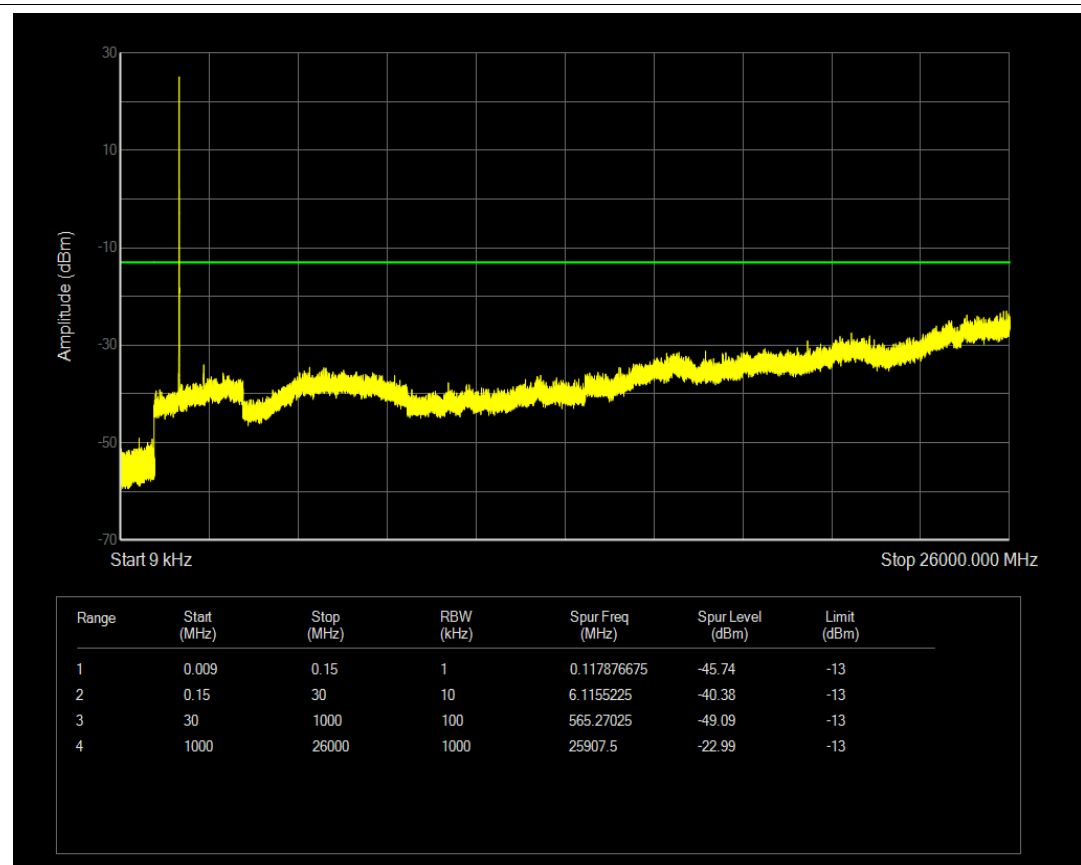
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



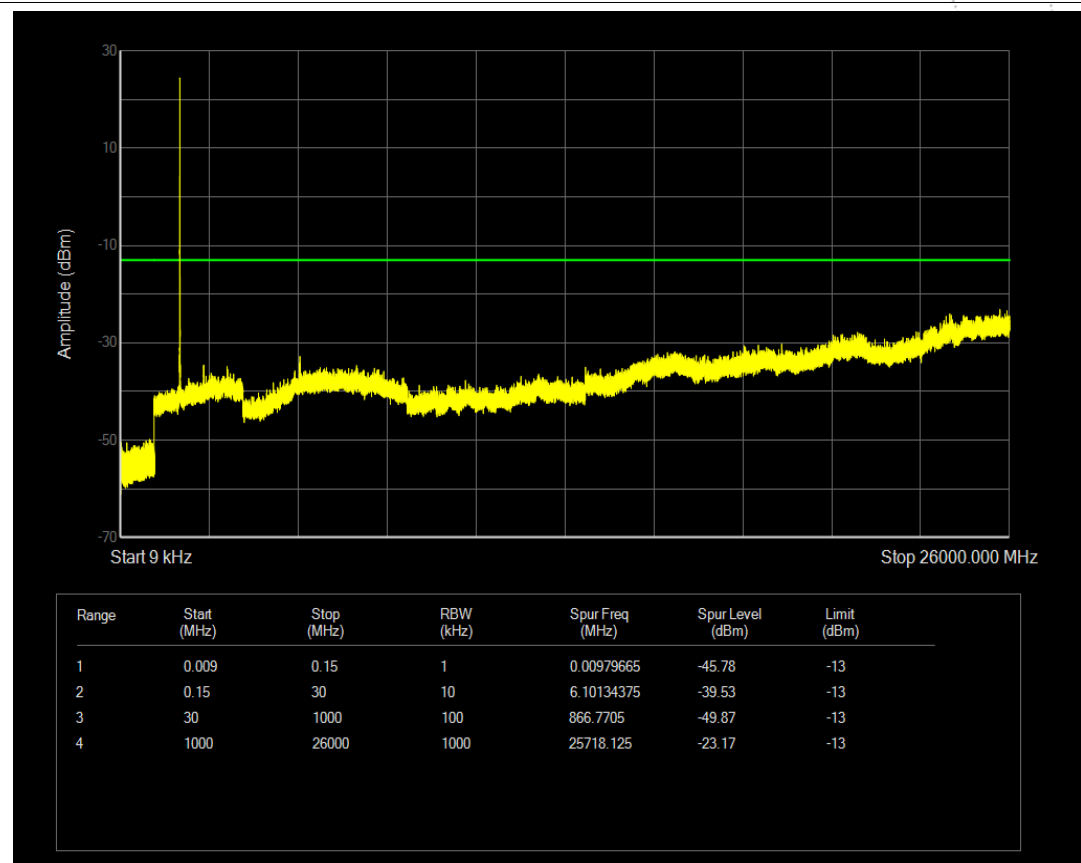
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009659175	-44.8	-13
2	0.15	30	10	6.1274625	-39.51	-13
3	30	1000	100	859.4955	-50.06	-13
4	1000	26000	1000	25789.375	-23.12	-13

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

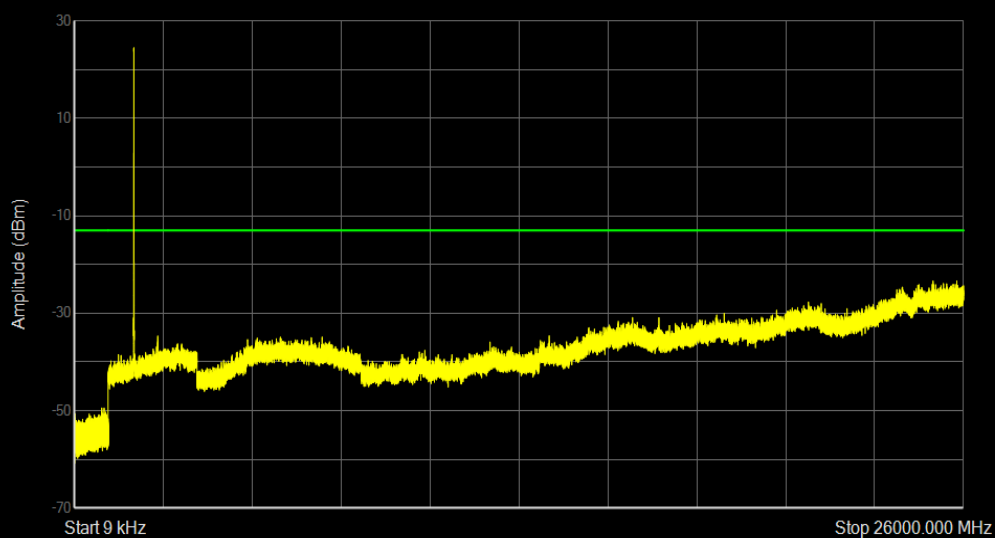




Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT

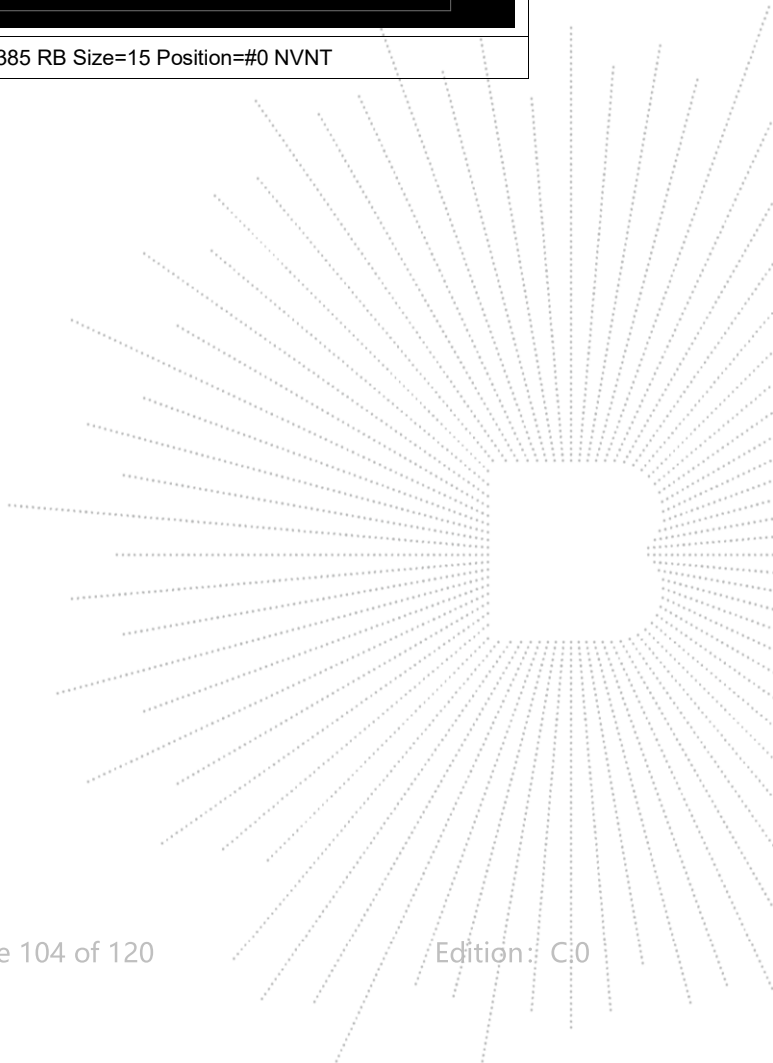


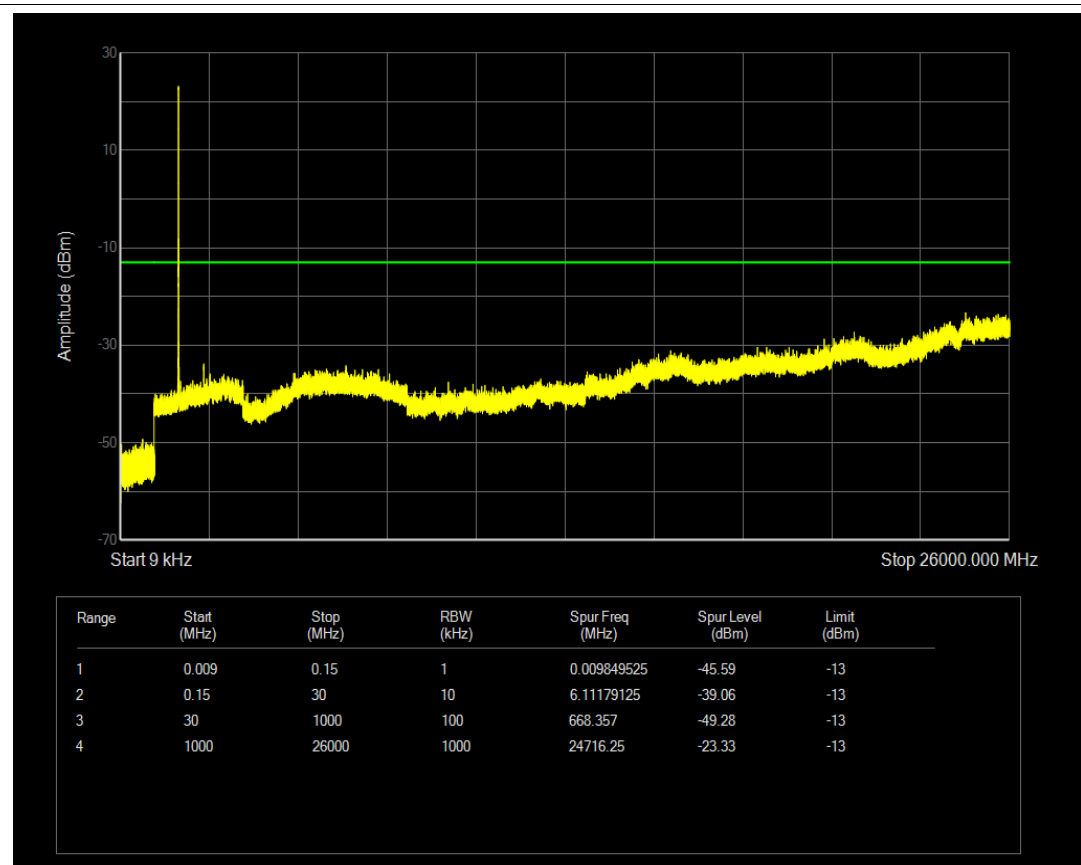
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



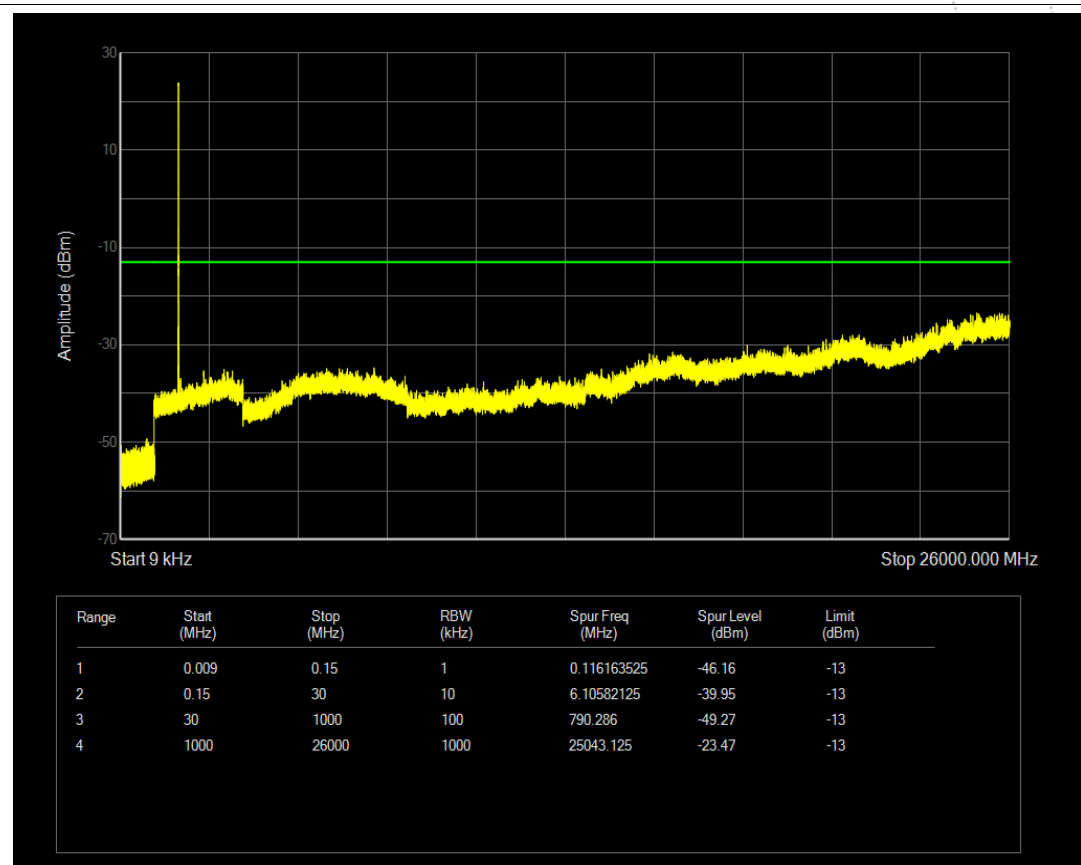
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.114527925	-46.05	-13
2	0.15	30	10	6.11328375	-39.73	-13
3	30	1000	100	816.59725	-49.46	-13
4	1000	26000	1000	25108.125	-23.4	-13

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

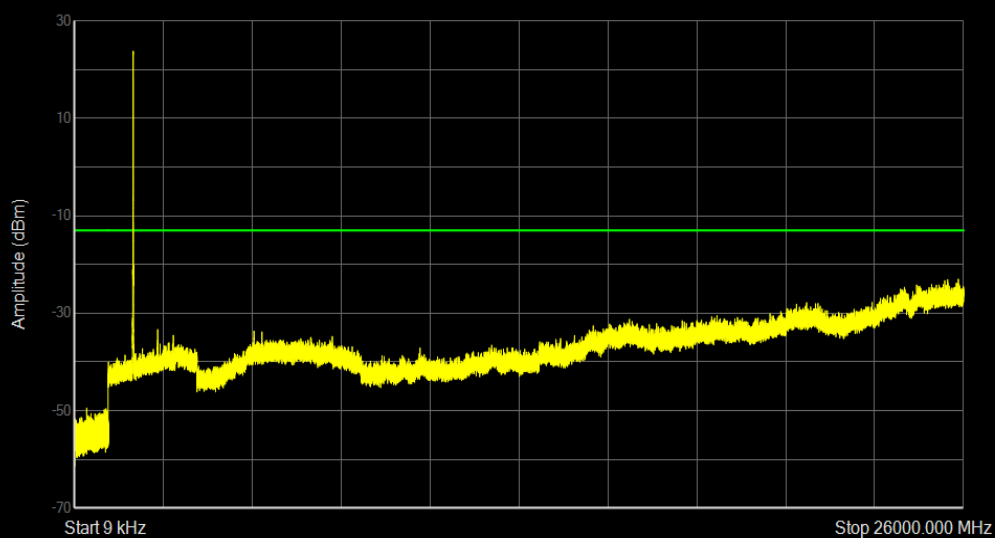




Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

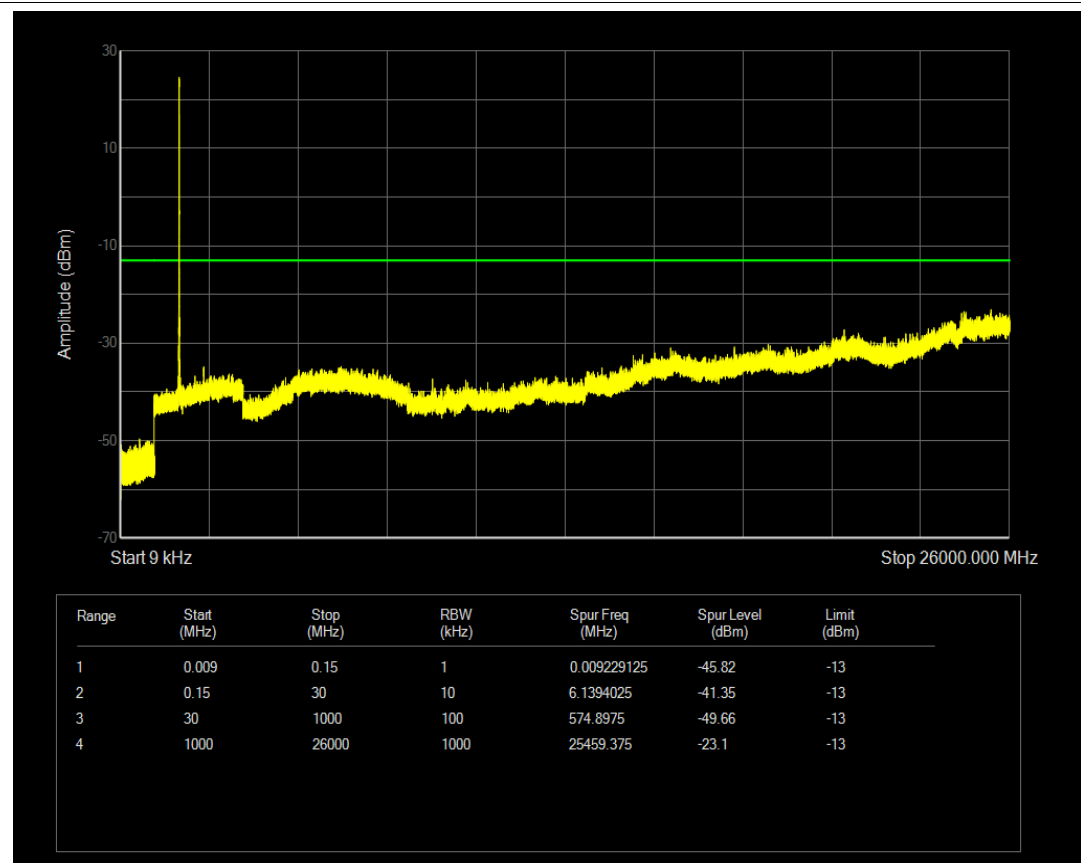


Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

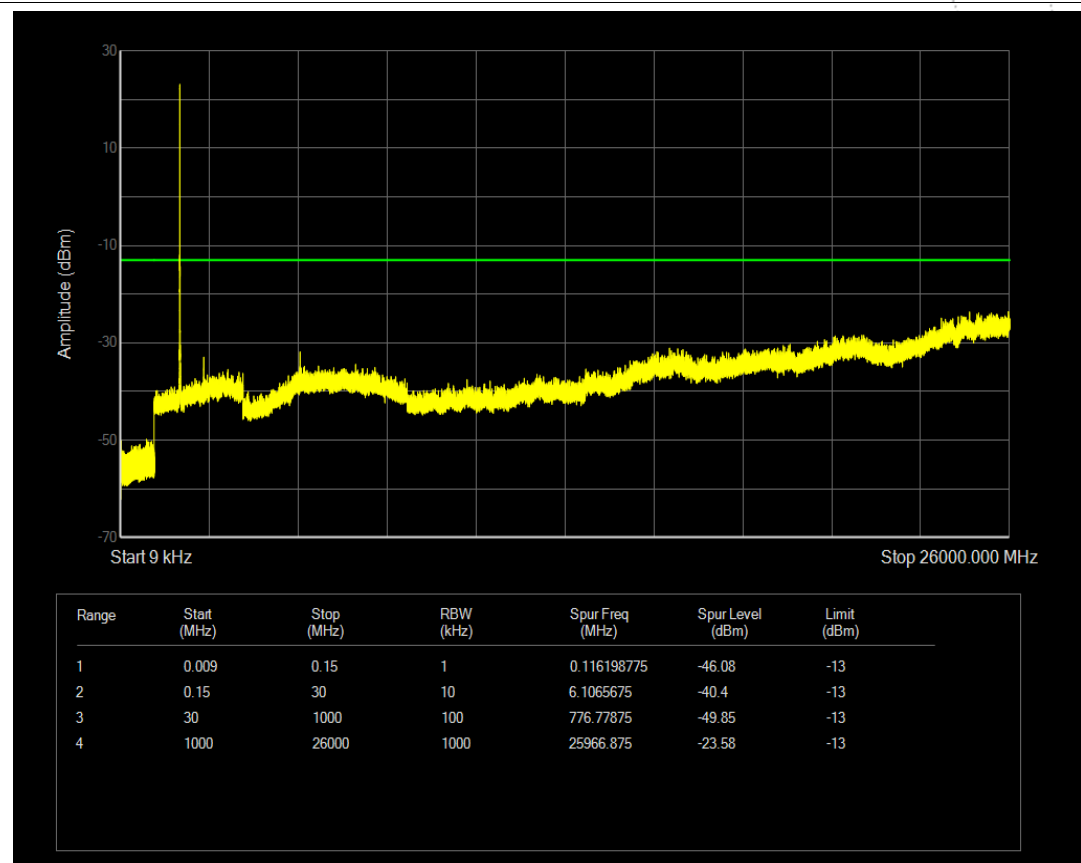


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091128	-44.68	-13
2	0.15	30	10	6.45655875	-40.32	-13
3	30	1000	100	376.581	-49.47	-13
4	1000	26000	1000	25846.25	-23.02	-13

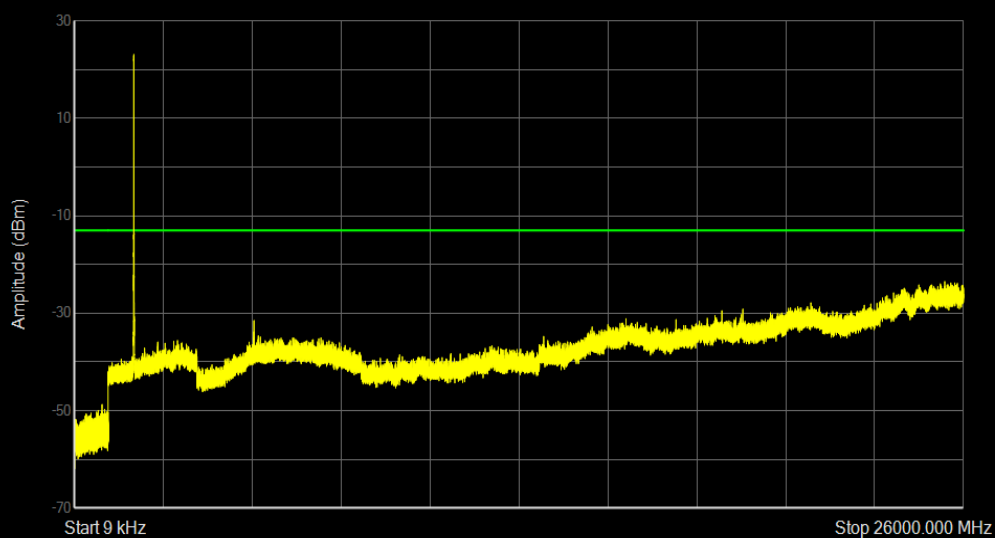
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT



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

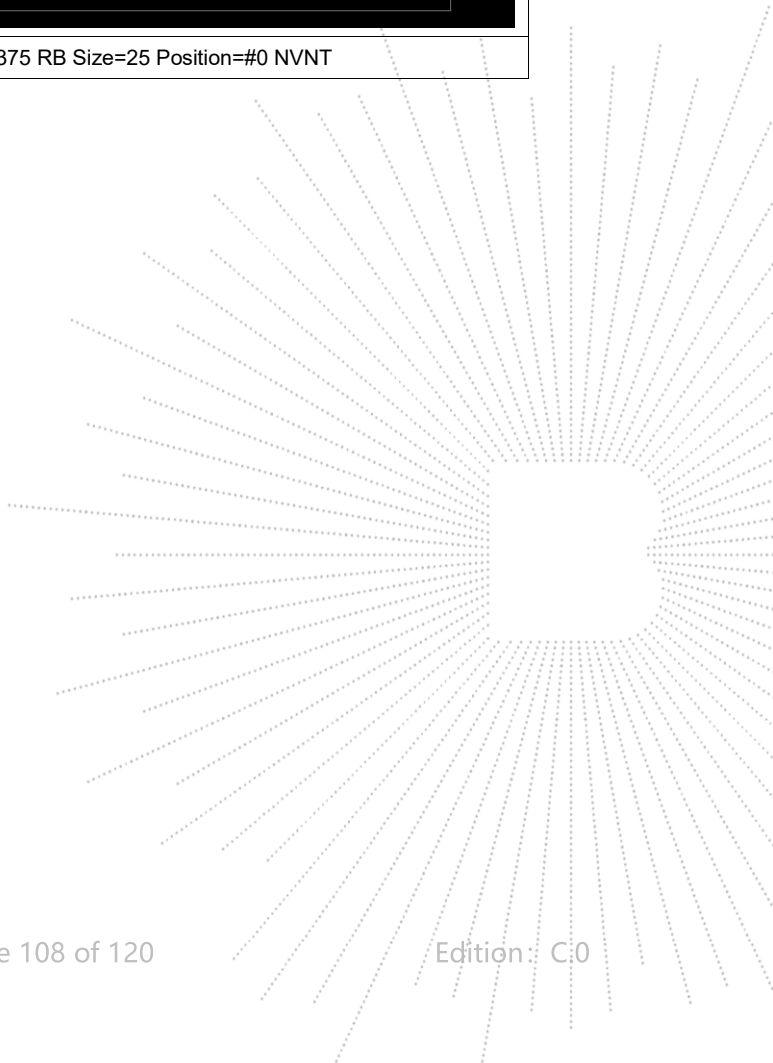


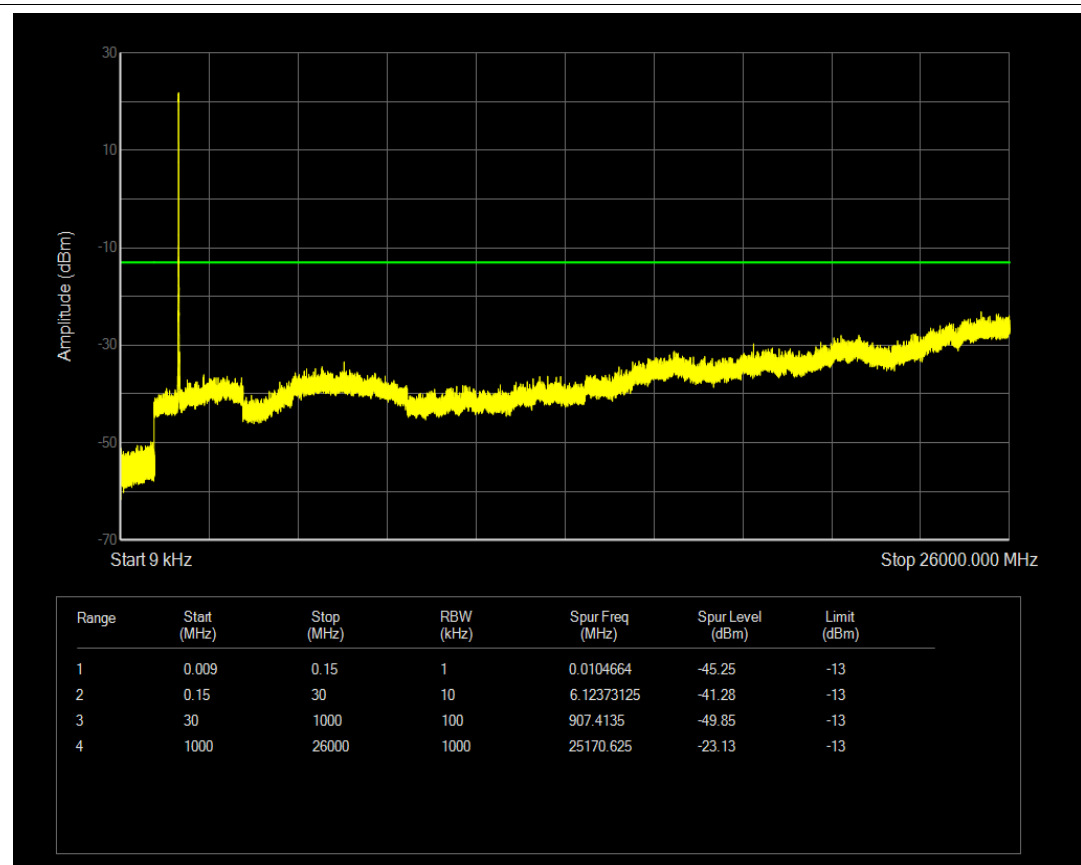
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



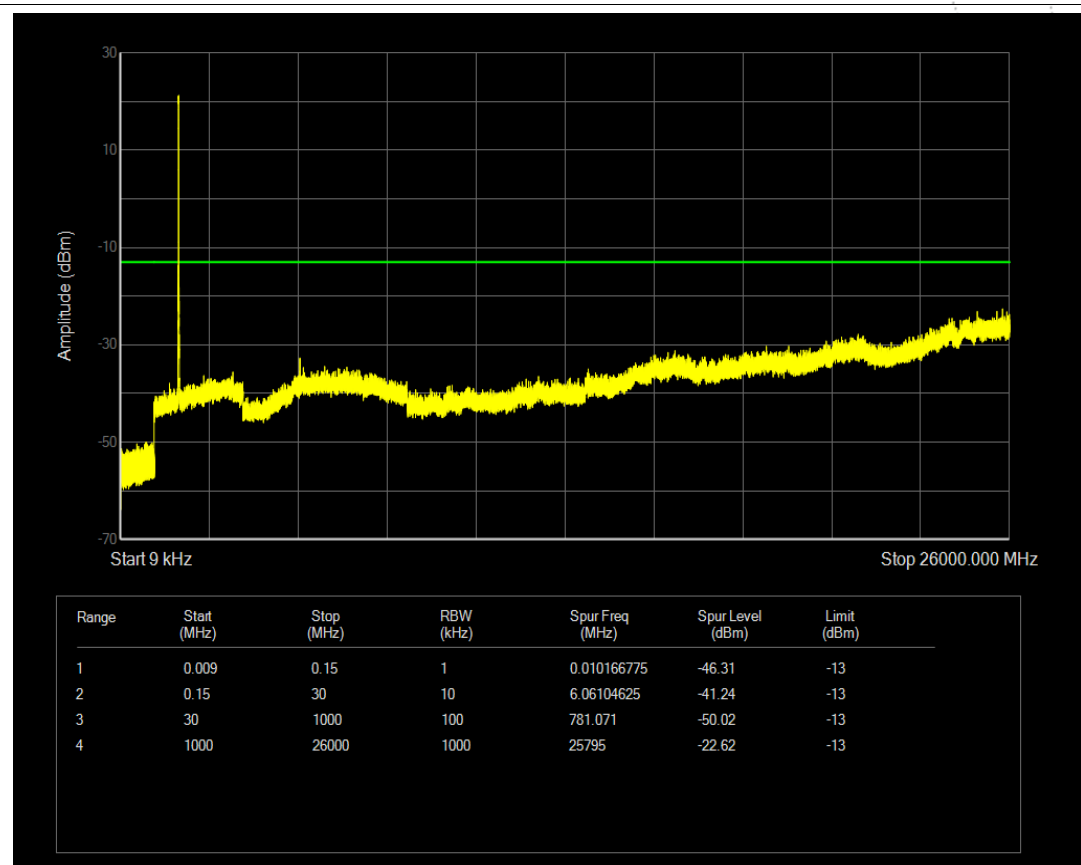
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11551845	-45.92	-13
2	0.15	30	10	6.13194	-40.16	-13
3	30	1000	100	824.1875	-48.74	-13
4	1000	26000	1000	25451.875	-23.5	-13

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

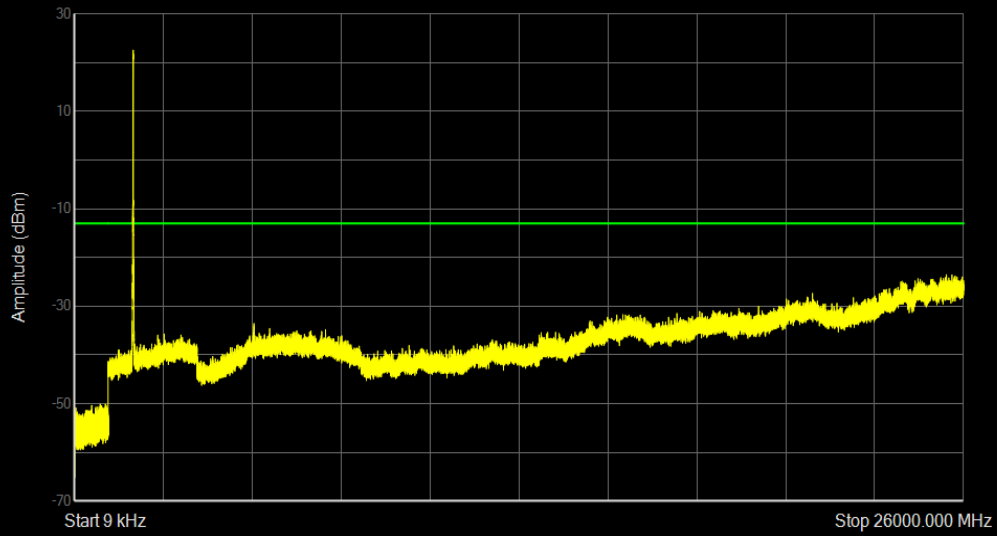




Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT

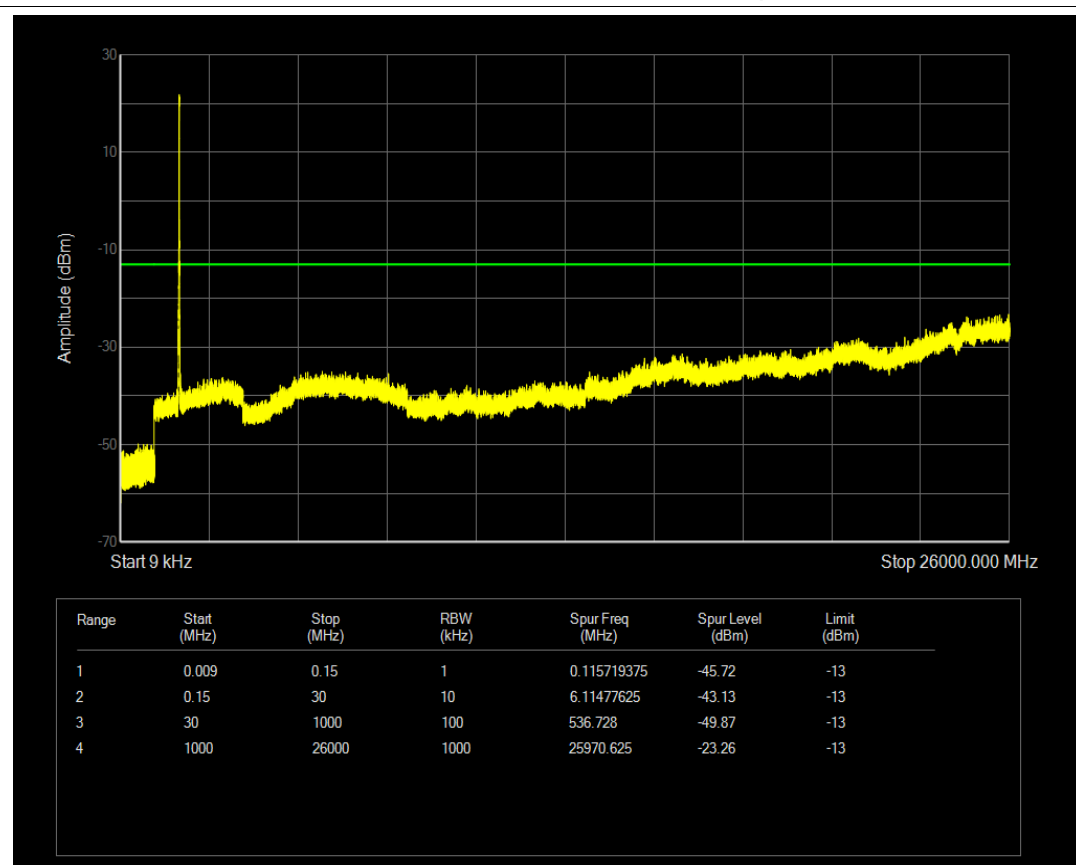


Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT

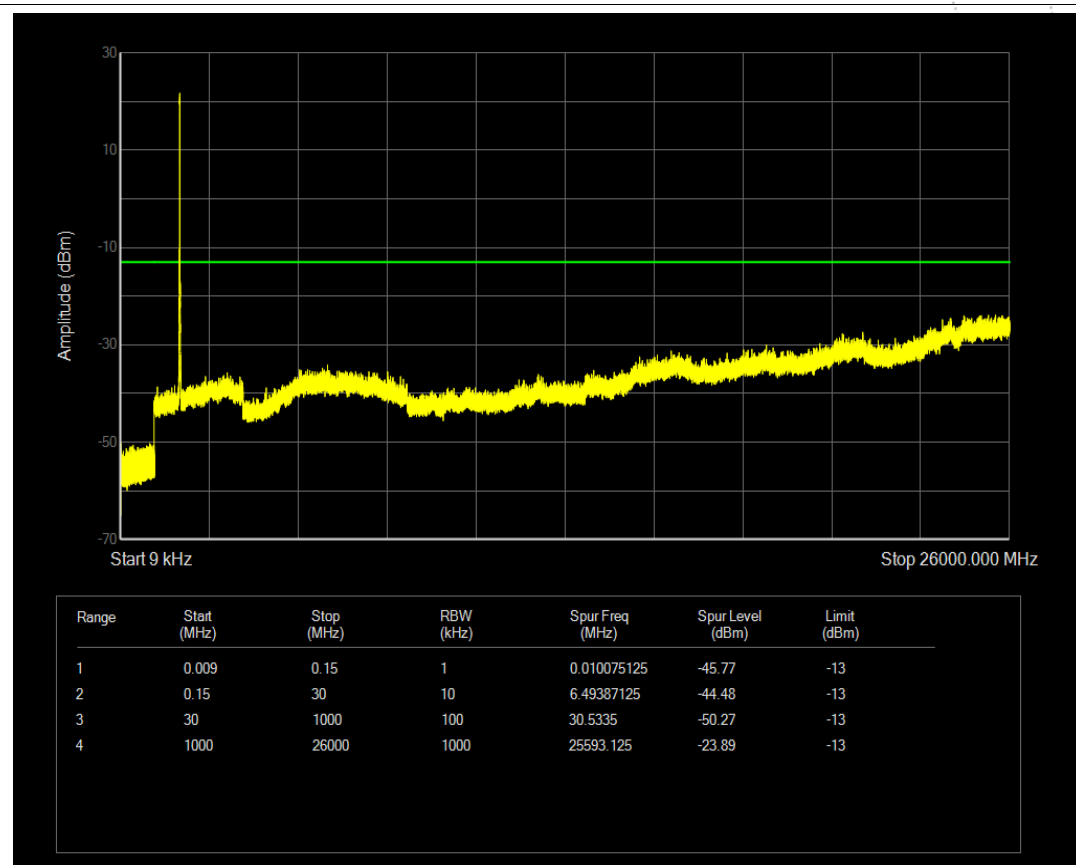


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.67	-13
2	0.15	30	10	6.12	-41.77	-13
3	30	1000	100	770.4495	-50.11	-13
4	1000	26000	1000	25498.125	-23.54	-13

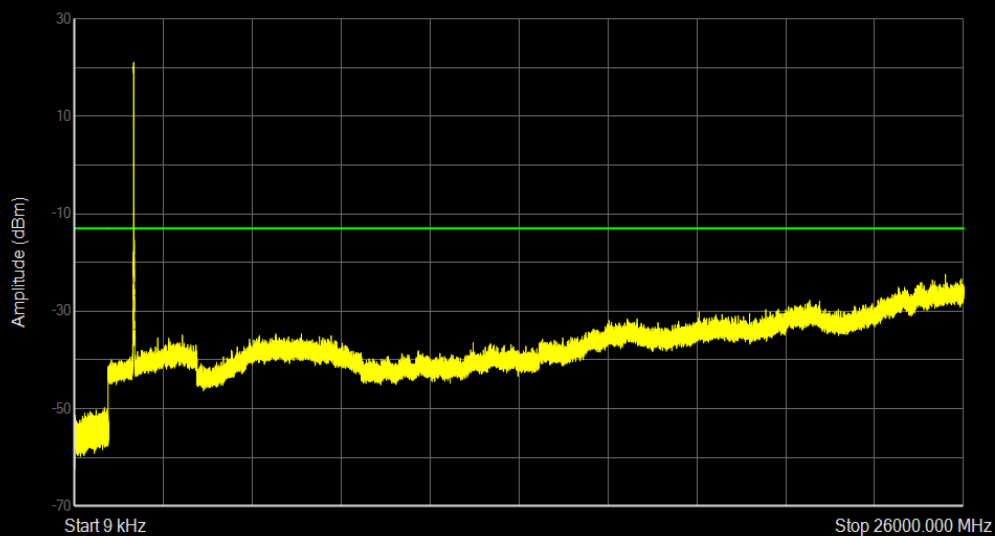
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT



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

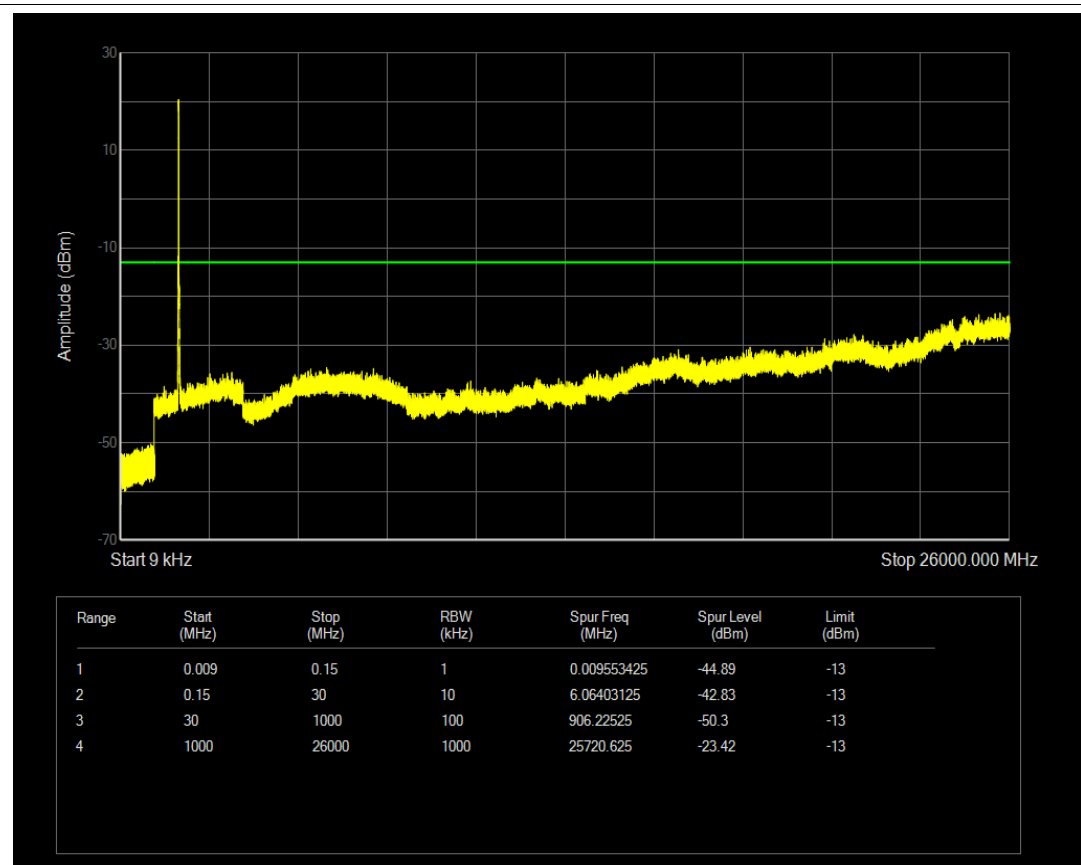


Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT

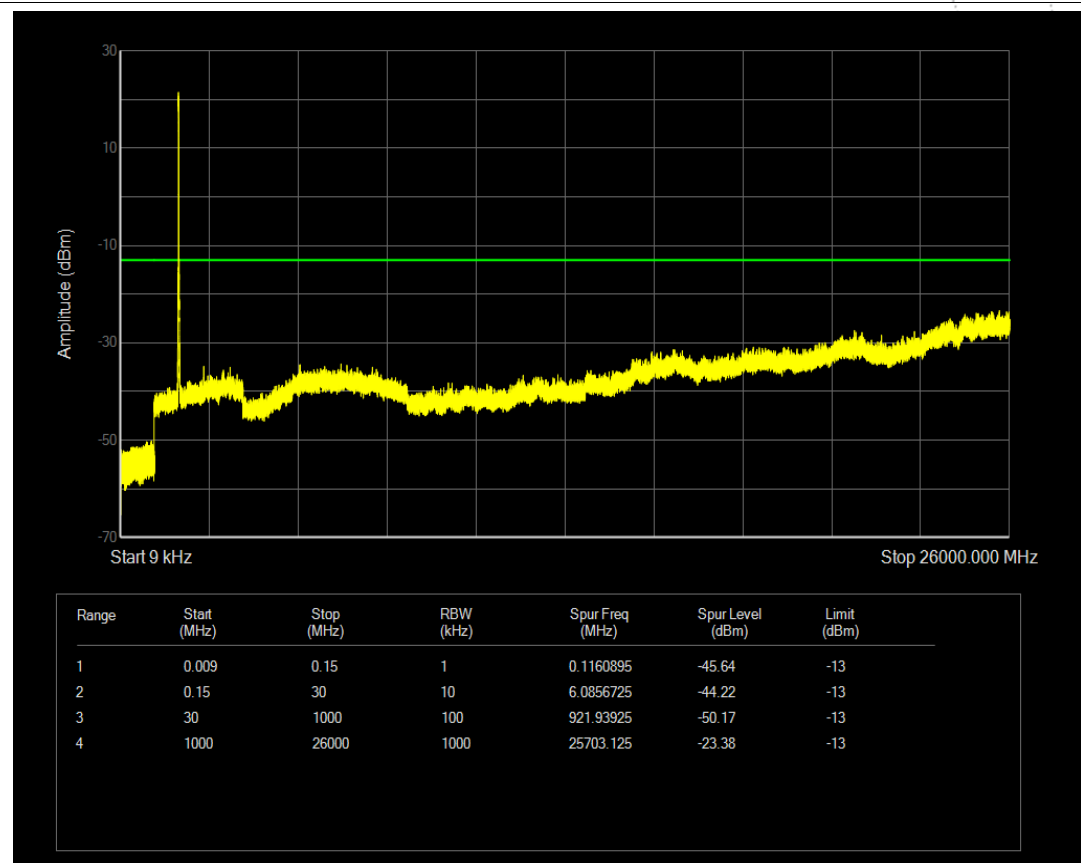


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0099729	-44.66	-13
2	0.15	30	10	6.051345	-42.64	-13
3	30	1000	100	893.397	-49.79	-13
4	1000	26000	1000	25468.125	-22.4	-13

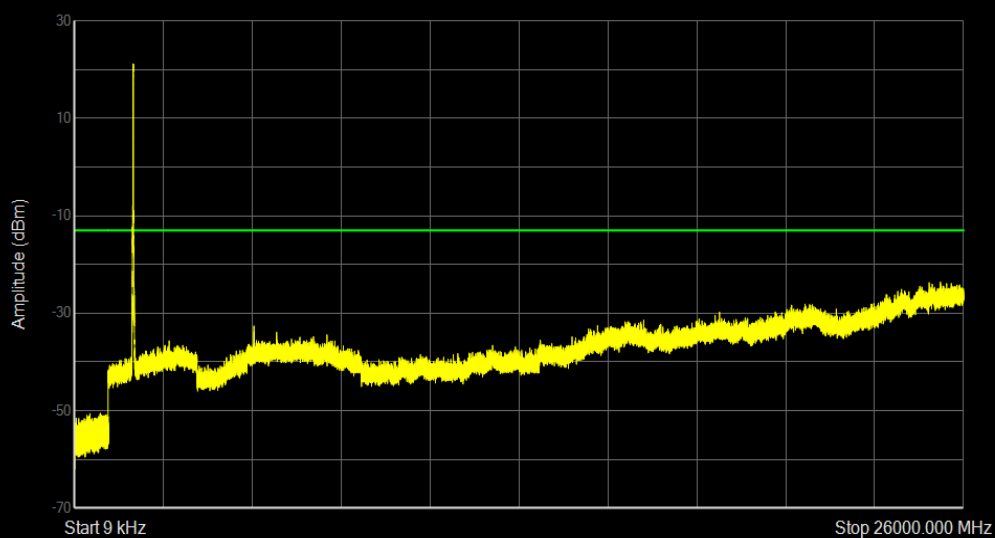
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



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

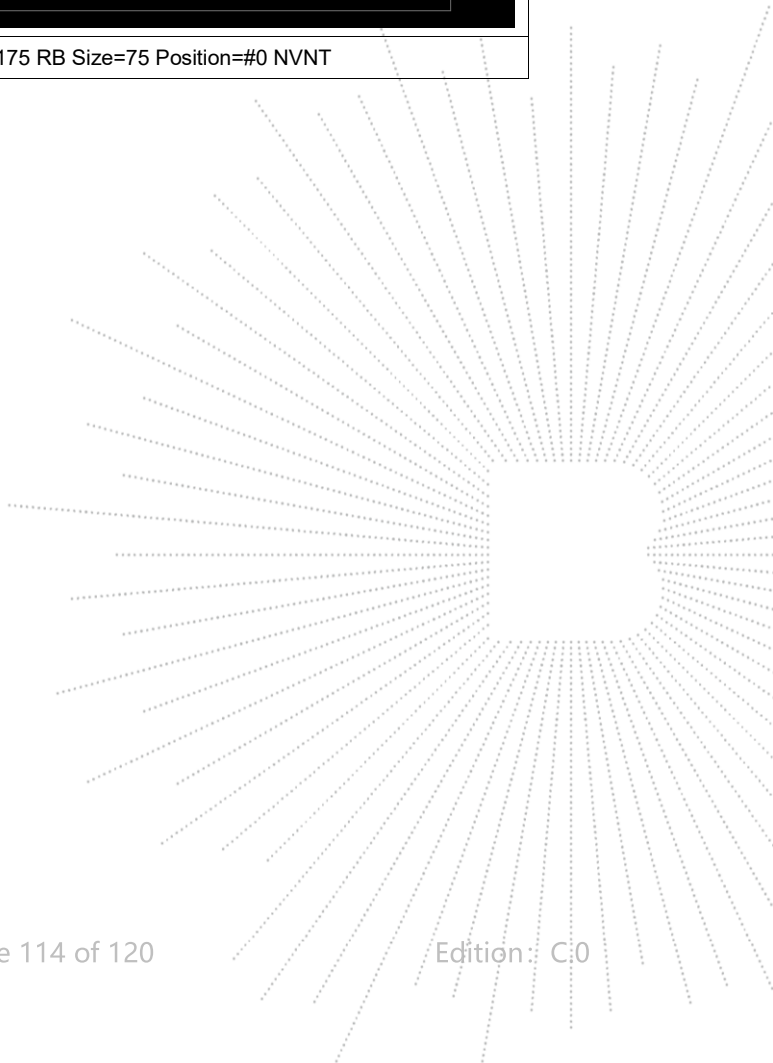


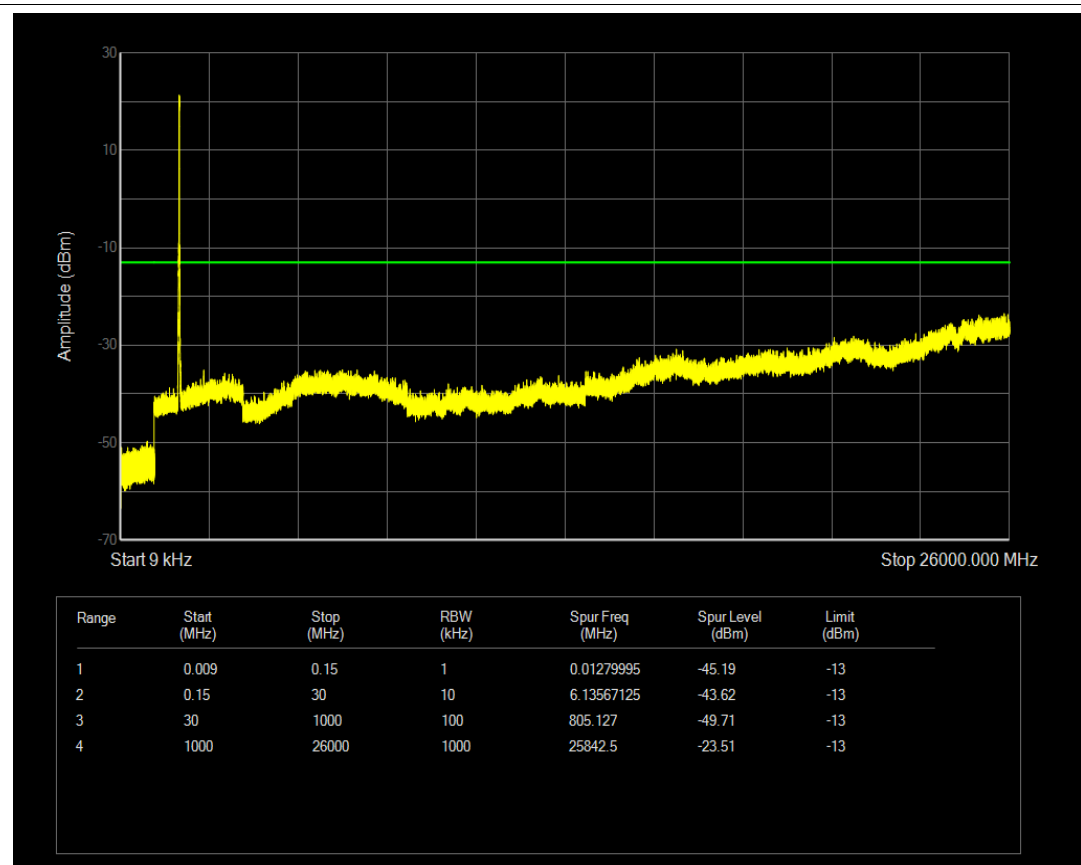
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



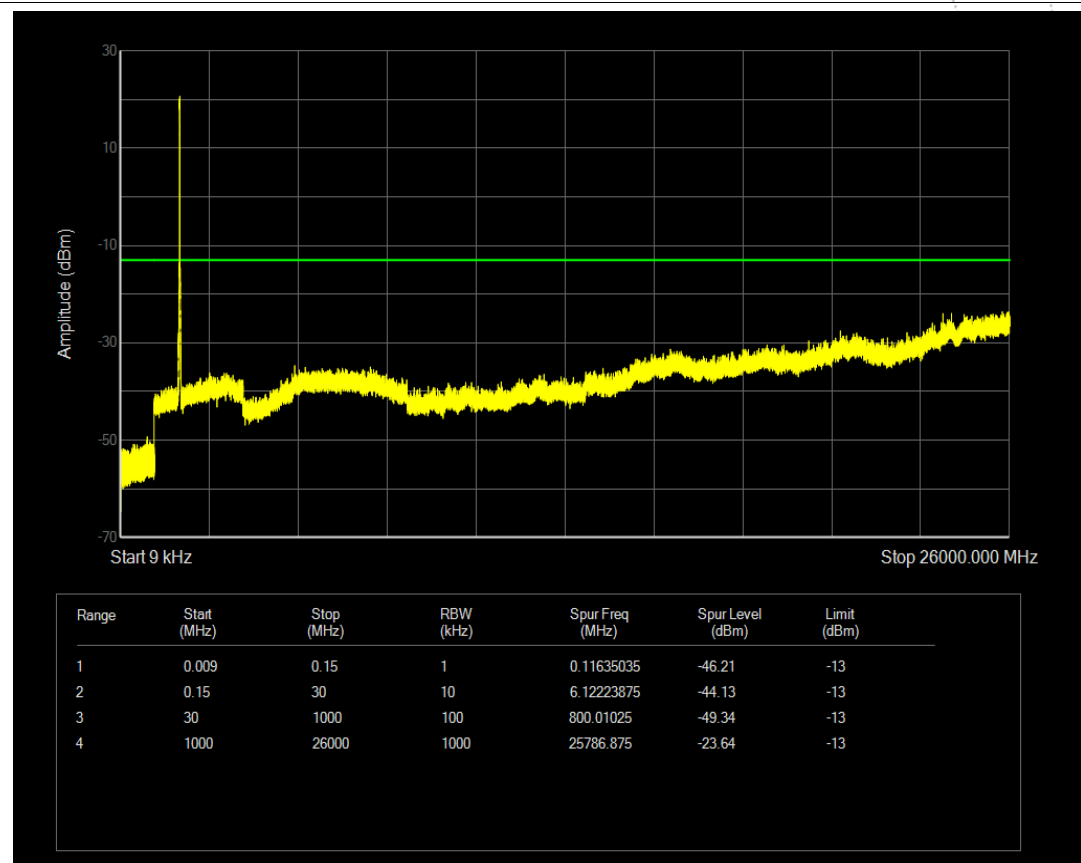
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01034655	-44.99	-13
2	0.15	30	10	6.0797025	-43.7	-13
3	30	1000	100	775.08125	-50.54	-13
4	1000	26000	1000	25325	-23.64	-13

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

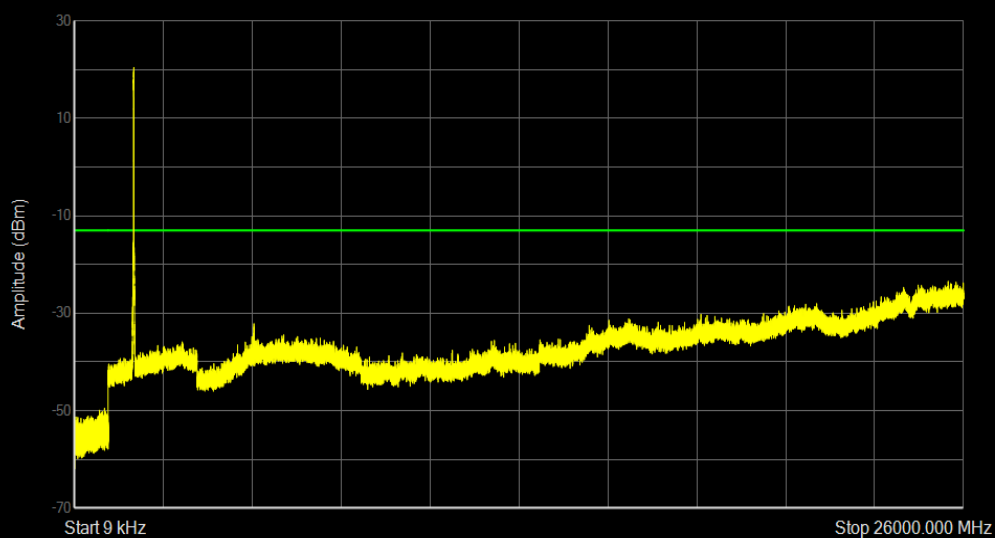




Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT

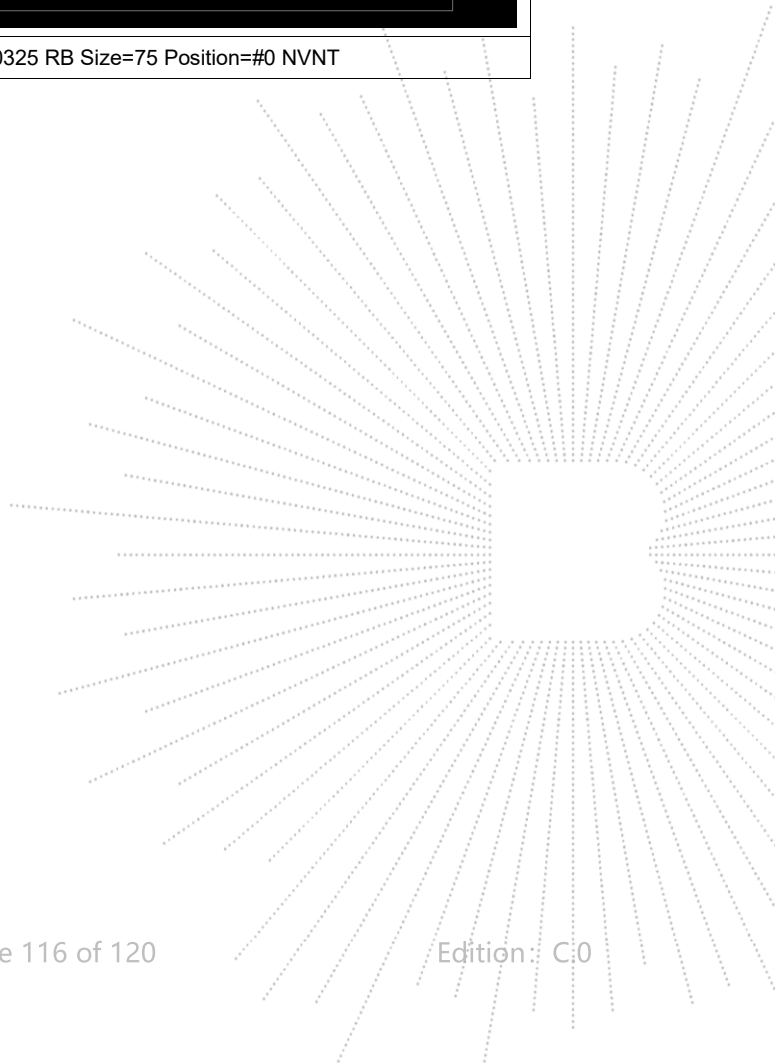


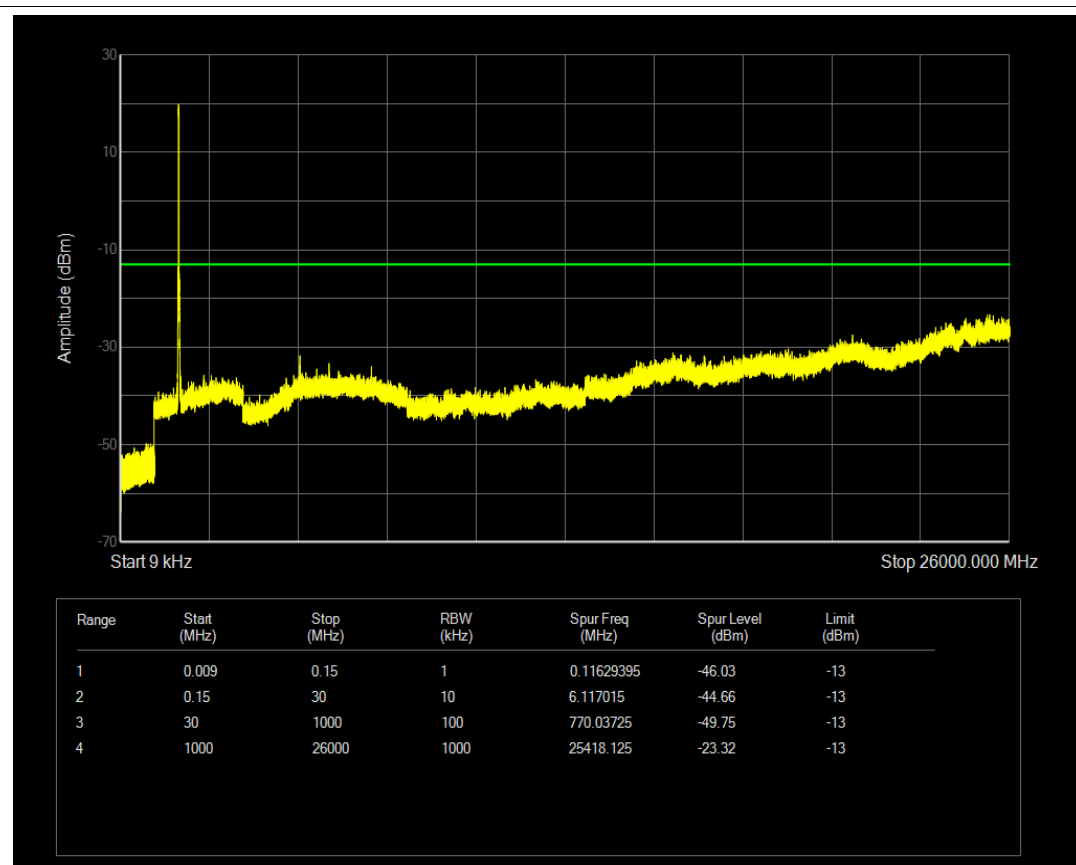
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



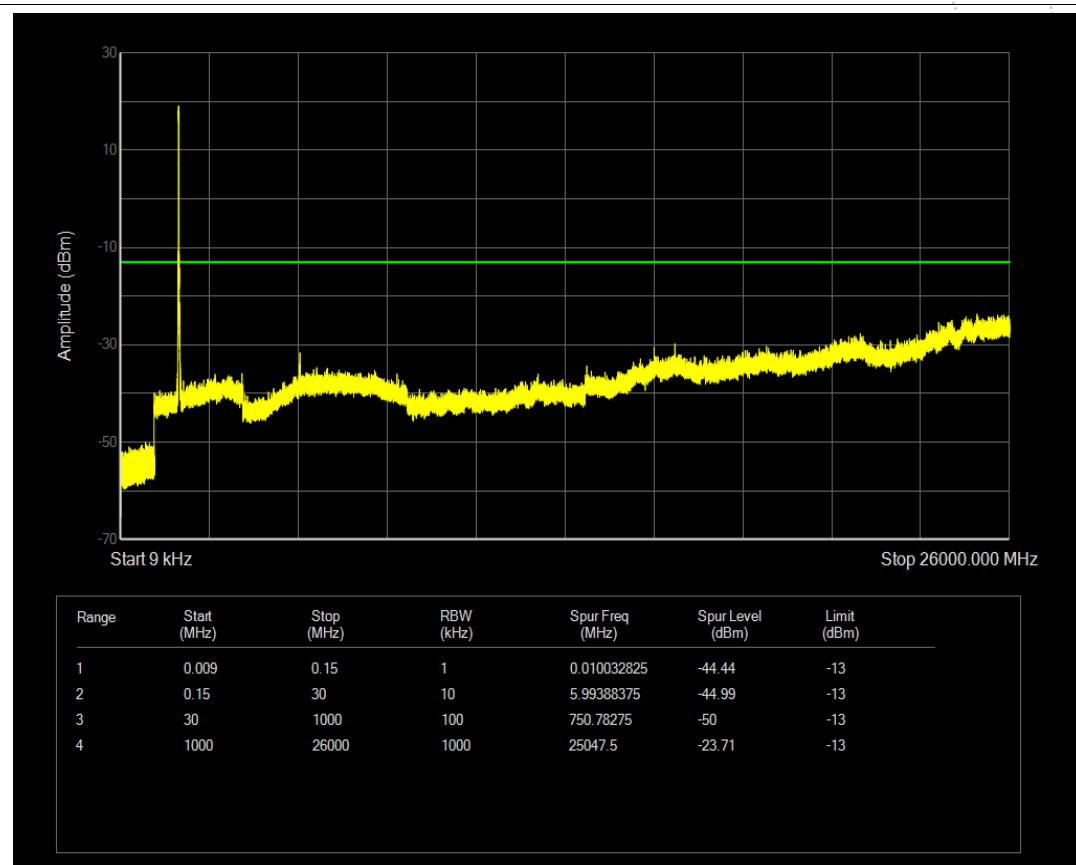
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.66	-13
2	0.15	30	10	6.10731375	-43.64	-13
3	30	1000	100	896.792	-49.51	-13
4	1000	26000	1000	25550.625	-23.47	-13

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

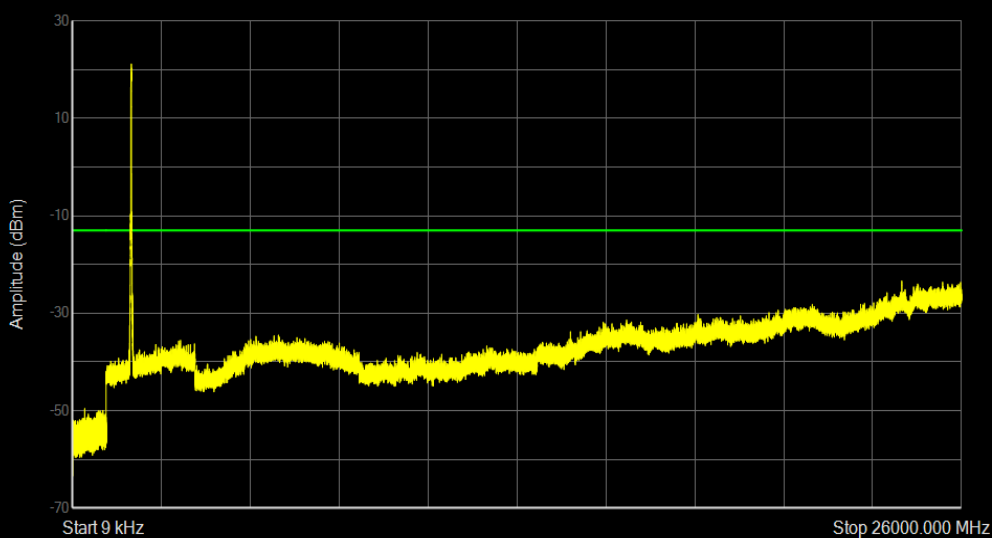




Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT

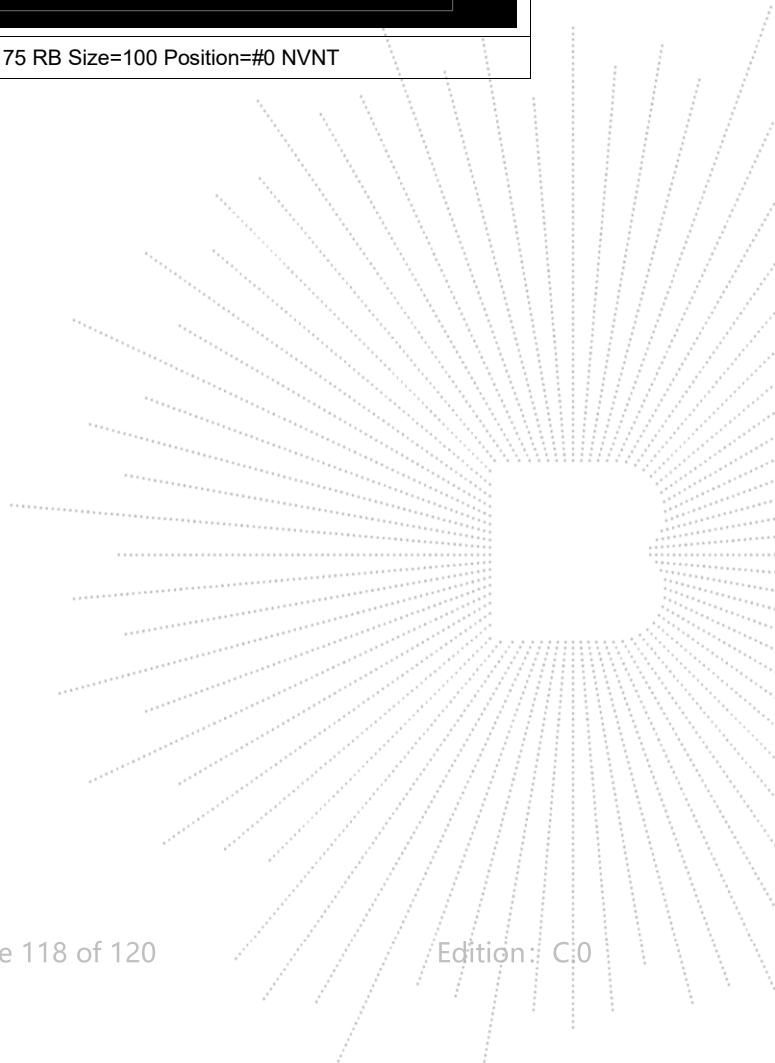


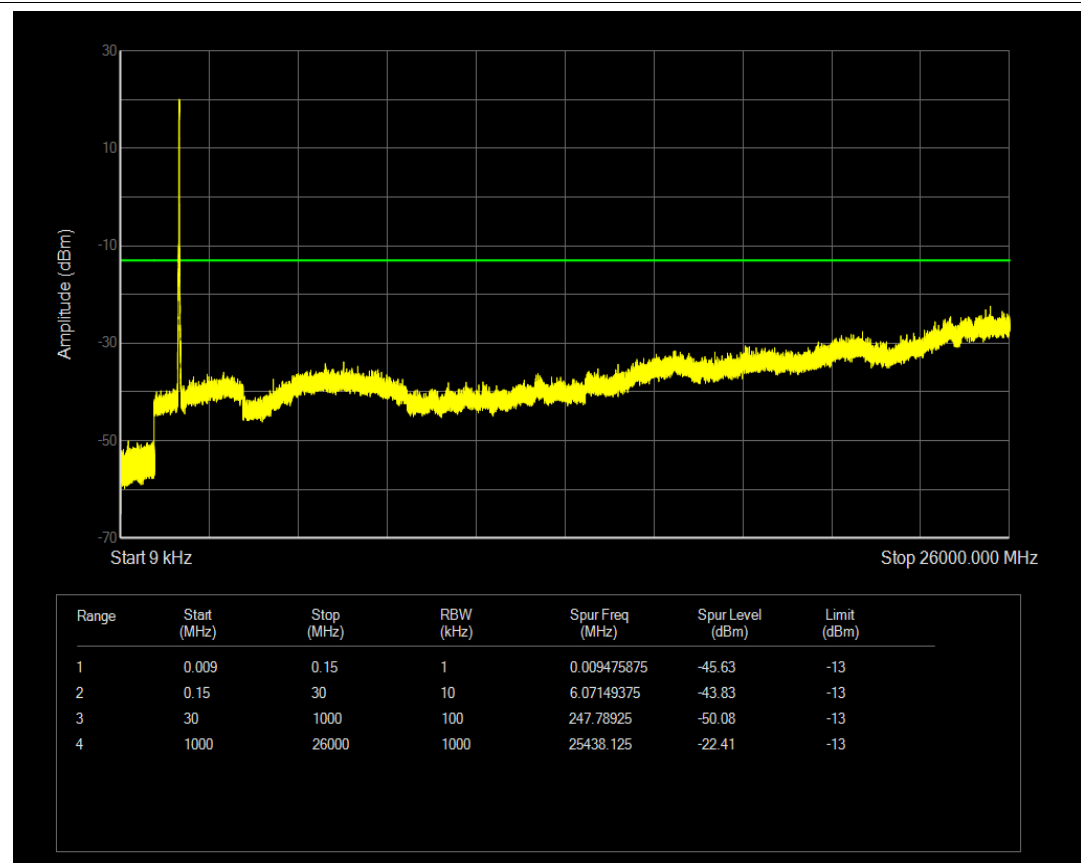
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



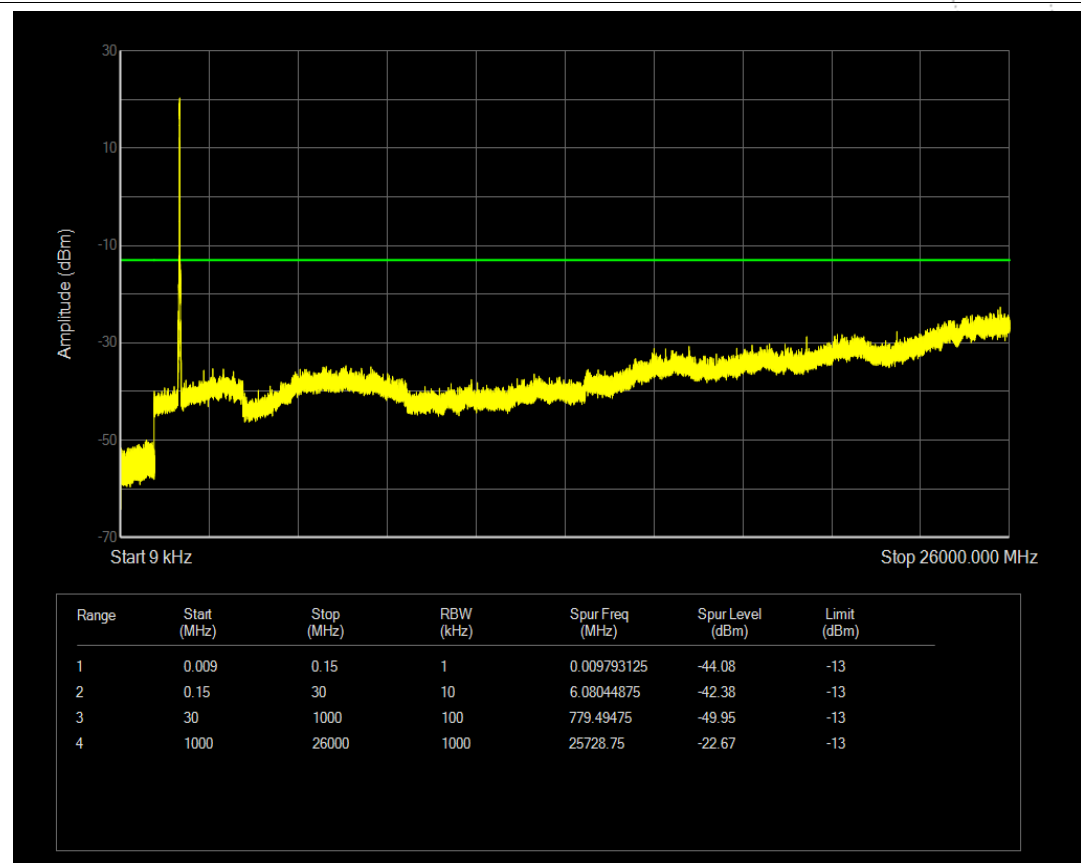
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009729675	-45.09	-13
2	0.15	30	10	6.12597	-43.3	-13
3	30	1000	100	377.86625	-49.58	-13
4	1000	26000	1000	24253.75	-23.4	-13

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

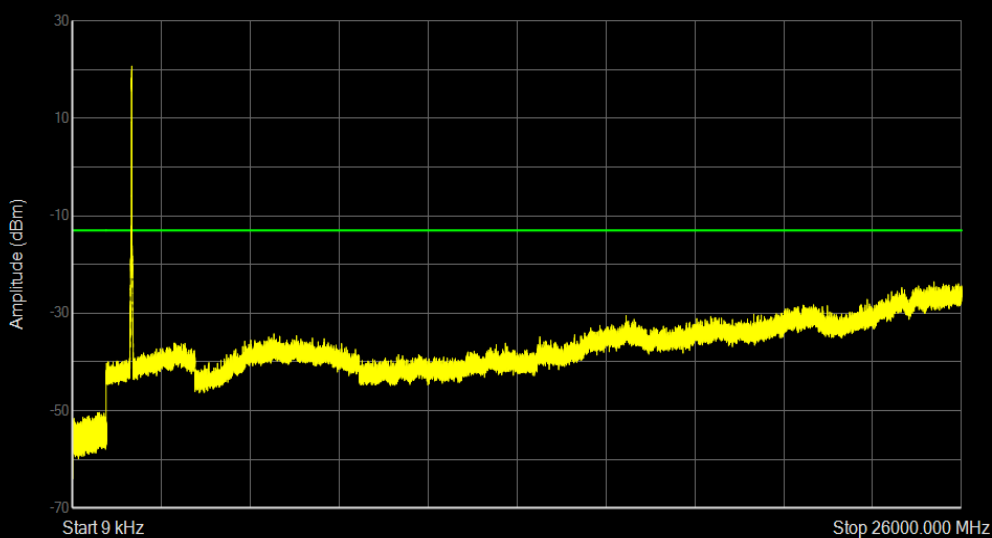




Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0 NVNT



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	0.0105933	-45.35	-13
2	0.15	30	10	6.1394025	-42.62	-13
3	30	1000	100	800.15575	-50.39	-13
4	1000	26000	1000	25194.375	-23.53	-13

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