

Appendix for Band 5

Report No.: BCTC2506974006-5E

Applicant: Shenzhen Tianruixiang Communication
Equipment Co.,LTD

Product Name: Smart Phone

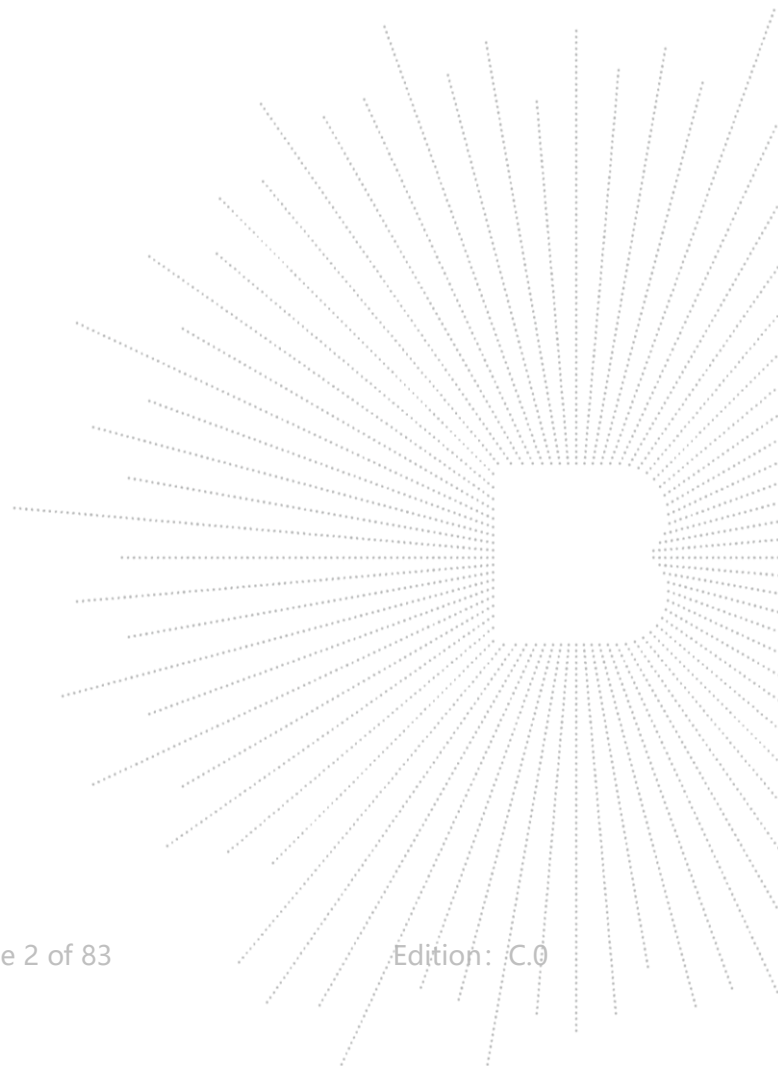
Test Model: Panther 2

Tested Date: 2025-06-05 to 2025-07-08

Shenzhen BCTC Testing Co., Ltd.

Contents

Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement	3
Appendix 2.Frequency stability	8
Appendix 3.Peak-to-Average Ratio	20
Appendix 4.Occupied bandwidth	38
Appendix 5.Band edge	55
Appendix 6.Out-of-band emissions	67



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

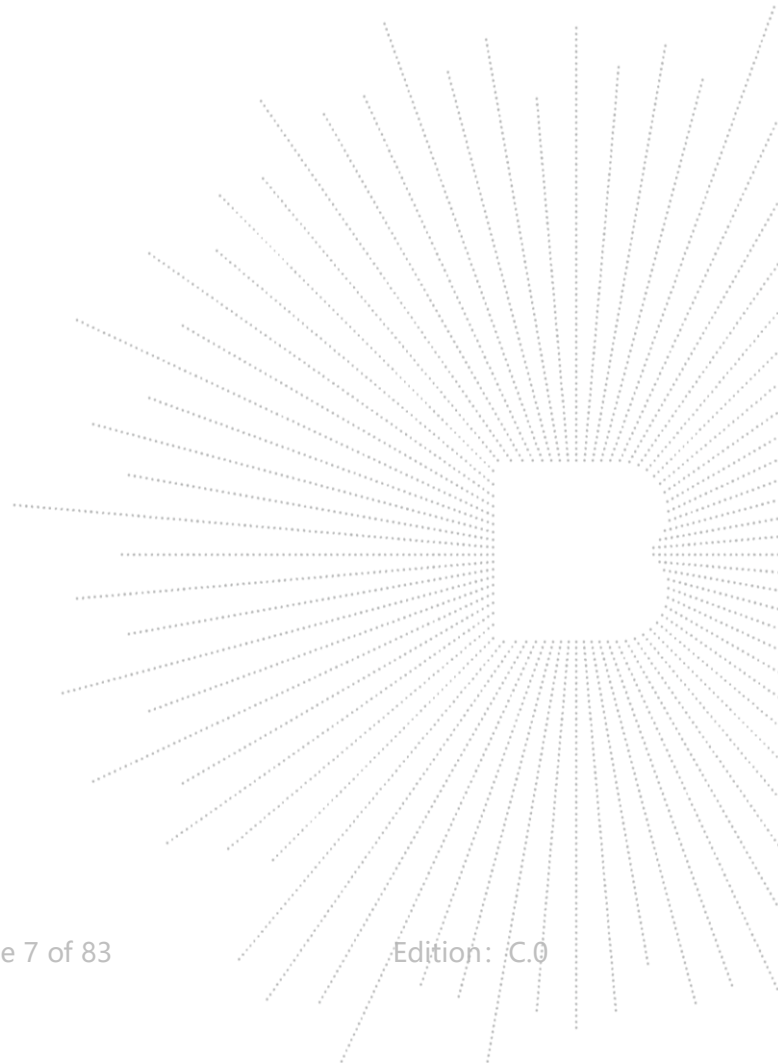
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
NVNT	Band5	1.4	20407	1	#0	QPSK	24.96	-2.2	20.61	PASS
NVNT	Band5	1.4	20407	1	#Mid	QPSK	24.97	-2.2	20.62	PASS
NVNT	Band5	1.4	20407	1	#Max	QPSK	24.99	-2.2	20.64	PASS
NVNT	Band5	1.4	20407	3	#0	QPSK	24.84	-2.2	20.49	PASS
NVNT	Band5	1.4	20407	3	#Mid	QPSK	24.84	-2.2	20.49	PASS
NVNT	Band5	1.4	20407	3	#Max	QPSK	24.93	-2.2	20.58	PASS
NVNT	Band5	1.4	20407	6	#0	QPSK	23.67	-2.2	19.32	PASS
NVNT	Band5	1.4	20407	1	#0	16QAM	24.86	-2.2	20.51	PASS
NVNT	Band5	1.4	20407	1	#Mid	16QAM	24.76	-2.2	20.41	PASS
NVNT	Band5	1.4	20407	1	#Max	16QAM	24.80	-2.2	20.45	PASS
NVNT	Band5	1.4	20407	3	#0	16QAM	24.09	-2.2	19.74	PASS
NVNT	Band5	1.4	20407	3	#Mid	16QAM	24.10	-2.2	19.75	PASS
NVNT	Band5	1.4	20407	3	#Max	16QAM	24.09	-2.2	19.74	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	22.85	-2.2	18.50	PASS
NVNT	Band5	1.4	20525	1	#0	QPSK	25.14	-2.2	20.79	PASS
NVNT	Band5	1.4	20525	1	#Mid	QPSK	25.19	-2.2	20.84	PASS
NVNT	Band5	1.4	20525	1	#Max	QPSK	25.19	-2.2	20.84	PASS
NVNT	Band5	1.4	20525	3	#0	QPSK	24.95	-2.2	20.60	PASS
NVNT	Band5	1.4	20525	3	#Mid	QPSK	25.02	-2.2	20.67	PASS
NVNT	Band5	1.4	20525	3	#Max	QPSK	25.10	-2.2	20.75	PASS
NVNT	Band5	1.4	20525	6	#0	QPSK	24.01	-2.2	19.66	PASS
NVNT	Band5	1.4	20525	1	#0	16QAM	24.05	-2.2	19.70	PASS
NVNT	Band5	1.4	20525	1	#Mid	16QAM	24.14	-2.2	19.79	PASS
NVNT	Band5	1.4	20525	1	#Max	16QAM	24.15	-2.2	19.80	PASS
NVNT	Band5	1.4	20525	3	#0	16QAM	24.09	-2.2	19.74	PASS
NVNT	Band5	1.4	20525	3	#Mid	16QAM	24.18	-2.2	19.83	PASS
NVNT	Band5	1.4	20525	3	#Max	16QAM	24.14	-2.2	19.79	PASS
NVNT	Band5	1.4	20525	6	#0	16QAM	23.15	-2.2	18.80	PASS
NVNT	Band5	1.4	20643	1	#0	QPSK	24.88	-2.2	20.53	PASS
NVNT	Band5	1.4	20643	1	#Mid	QPSK	25.06	-2.2	20.71	PASS
NVNT	Band5	1.4	20643	1	#Max	QPSK	25.07	-2.2	20.72	PASS
NVNT	Band5	1.4	20643	3	#0	QPSK	24.93	-2.2	20.58	PASS
NVNT	Band5	1.4	20643	3	#Mid	QPSK	24.93	-2.2	20.58	PASS
NVNT	Band5	1.4	20643	3	#Max	QPSK	24.89	-2.2	20.54	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	23.93	-2.2	19.58	PASS

NVNT	Band5	1.4	20643	1	#0	16QAM	24.03	-2.2	19.68	PASS
NVNT	Band5	1.4	20643	1	#Mid	16QAM	23.94	-2.2	19.59	PASS
NVNT	Band5	1.4	20643	1	#Max	16QAM	23.89	-2.2	19.54	PASS
NVNT	Band5	1.4	20643	3	#0	16QAM	23.91	-2.2	19.56	PASS
NVNT	Band5	1.4	20643	3	#Mid	16QAM	23.72	-2.2	19.37	PASS
NVNT	Band5	1.4	20643	3	#Max	16QAM	23.77	-2.2	19.42	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	22.86	-2.2	18.51	PASS
NVNT	Band5	3	20415	1	#0	QPSK	24.83	-2.2	20.48	PASS
NVNT	Band5	3	20415	1	#Mid	QPSK	24.77	-2.2	20.42	PASS
NVNT	Band5	3	20415	1	#Max	QPSK	24.91	-2.2	20.56	PASS
NVNT	Band5	3	20415	8	#0	QPSK	23.92	-2.2	19.57	PASS
NVNT	Band5	3	20415	8	#Mid	QPSK	23.93	-2.2	19.58	PASS
NVNT	Band5	3	20415	8	#Max	QPSK	23.80	-2.2	19.45	PASS
NVNT	Band5	3	20415	15	#0	QPSK	23.98	-2.2	19.63	PASS
NVNT	Band5	3	20415	1	#0	16QAM	24.75	-2.2	20.40	PASS
NVNT	Band5	3	20415	1	#Mid	16QAM	24.62	-2.2	20.27	PASS
NVNT	Band5	3	20415	1	#Max	16QAM	24.69	-2.2	20.34	PASS
NVNT	Band5	3	20415	8	#0	16QAM	22.76	-2.2	18.41	PASS
NVNT	Band5	3	20415	8	#Mid	16QAM	22.76	-2.2	18.41	PASS
NVNT	Band5	3	20415	8	#Max	16QAM	22.62	-2.2	18.27	PASS
NVNT	Band5	3	20415	15	#0	16QAM	22.82	-2.2	18.47	PASS
NVNT	Band5	3	20525	1	#0	QPSK	25.10	-2.2	20.75	PASS
NVNT	Band5	3	20525	1	#Mid	QPSK	25.17	-2.2	20.82	PASS
NVNT	Band5	3	20525	1	#Max	QPSK	25.20	-2.2	20.85	PASS
NVNT	Band5	3	20525	8	#0	QPSK	23.97	-2.2	19.62	PASS
NVNT	Band5	3	20525	8	#Mid	QPSK	24.06	-2.2	19.71	PASS
NVNT	Band5	3	20525	8	#Max	QPSK	24.01	-2.2	19.66	PASS
NVNT	Band5	3	20525	15	#0	QPSK	23.99	-2.2	19.64	PASS
NVNT	Band5	3	20525	1	#0	16QAM	24.06	-2.2	19.71	PASS
NVNT	Band5	3	20525	1	#Mid	16QAM	24.12	-2.2	19.77	PASS
NVNT	Band5	3	20525	1	#Max	16QAM	23.93	-2.2	19.58	PASS
NVNT	Band5	3	20525	8	#0	16QAM	22.95	-2.2	18.60	PASS
NVNT	Band5	3	20525	8	#Mid	16QAM	23.03	-2.2	18.68	PASS
NVNT	Band5	3	20525	8	#Max	16QAM	23.13	-2.2	18.78	PASS
NVNT	Band5	3	20525	15	#0	16QAM	22.91	-2.2	18.56	PASS
NVNT	Band5	3	20635	1	#0	QPSK	25.03	-2.2	20.68	PASS
NVNT	Band5	3	20635	1	#Mid	QPSK	25.08	-2.2	20.73	PASS
NVNT	Band5	3	20635	1	#Max	QPSK	25.07	-2.2	20.72	PASS
NVNT	Band5	3	20635	8	#0	QPSK	23.96	-2.2	19.61	PASS
NVNT	Band5	3	20635	8	#Mid	QPSK	24.02	-2.2	19.67	PASS
NVNT	Band5	3	20635	8	#Max	QPSK	23.86	-2.2	19.51	PASS
NVNT	Band5	3	20635	15	#0	QPSK	23.91	-2.2	19.56	PASS

NVNT	Band5	3	20635	1	#0	16QAM	24.02	-2.2	19.67	PASS
NVNT	Band5	3	20635	1	#Mid	16QAM	24.03	-2.2	19.68	PASS
NVNT	Band5	3	20635	1	#Max	16QAM	23.90	-2.2	19.55	PASS
NVNT	Band5	3	20635	8	#0	16QAM	22.99	-2.2	18.64	PASS
NVNT	Band5	3	20635	8	#Mid	16QAM	23.04	-2.2	18.69	PASS
NVNT	Band5	3	20635	8	#Max	16QAM	22.91	-2.2	18.56	PASS
NVNT	Band5	3	20635	15	#0	16QAM	22.93	-2.2	18.58	PASS
NVNT	Band5	5	20425	1	#0	QPSK	24.82	-2.2	20.47	PASS
NVNT	Band5	5	20425	1	#Mid	QPSK	24.76	-2.2	20.41	PASS
NVNT	Band5	5	20425	1	#Max	QPSK	24.86	-2.2	20.51	PASS
NVNT	Band5	5	20425	12	#0	QPSK	23.93	-2.2	19.58	PASS
NVNT	Band5	5	20425	12	#Mid	QPSK	23.79	-2.2	19.44	PASS
NVNT	Band5	5	20425	12	#Max	QPSK	23.81	-2.2	19.46	PASS
NVNT	Band5	5	20425	25	#0	QPSK	23.86	-2.2	19.51	PASS
NVNT	Band5	5	20425	1	#0	16QAM	24.01	-2.2	19.66	PASS
NVNT	Band5	5	20425	1	#Mid	16QAM	23.98	-2.2	19.63	PASS
NVNT	Band5	5	20425	1	#Max	16QAM	24.04	-2.2	19.69	PASS
NVNT	Band5	5	20425	12	#0	16QAM	22.83	-2.2	18.48	PASS
NVNT	Band5	5	20425	12	#Mid	16QAM	22.76	-2.2	18.41	PASS
NVNT	Band5	5	20425	12	#Max	16QAM	22.72	-2.2	18.37	PASS
NVNT	Band5	5	20425	25	#0	16QAM	22.96	-2.2	18.61	PASS
NVNT	Band5	5	20525	1	#0	QPSK	25.02	-2.2	20.67	PASS
NVNT	Band5	5	20525	1	#Mid	QPSK	25.02	-2.2	20.67	PASS
NVNT	Band5	5	20525	1	#Max	QPSK	25.04	-2.2	20.69	PASS
NVNT	Band5	5	20525	12	#0	QPSK	24.10	-2.2	19.75	PASS
NVNT	Band5	5	20525	12	#Mid	QPSK	24.04	-2.2	19.69	PASS
NVNT	Band5	5	20525	12	#Max	QPSK	23.98	-2.2	19.63	PASS
NVNT	Band5	5	20525	25	#0	QPSK	23.96	-2.2	19.61	PASS
NVNT	Band5	5	20525	1	#0	16QAM	23.97	-2.2	19.62	PASS
NVNT	Band5	5	20525	1	#Mid	16QAM	24.05	-2.2	19.70	PASS
NVNT	Band5	5	20525	1	#Max	16QAM	24.00	-2.2	19.65	PASS
NVNT	Band5	5	20525	12	#0	16QAM	22.82	-2.2	18.47	PASS
NVNT	Band5	5	20525	12	#Mid	16QAM	22.85	-2.2	18.50	PASS
NVNT	Band5	5	20525	12	#Max	16QAM	22.90	-2.2	18.55	PASS
NVNT	Band5	5	20525	25	#0	16QAM	23.01	-2.2	18.66	PASS
NVNT	Band5	5	20625	1	#0	QPSK	24.84	-2.2	20.49	PASS
NVNT	Band5	5	20625	1	#Mid	QPSK	24.75	-2.2	20.40	PASS
NVNT	Band5	5	20625	1	#Max	QPSK	24.75	-2.2	20.40	PASS
NVNT	Band5	5	20625	12	#0	QPSK	24.09	-2.2	19.74	PASS
NVNT	Band5	5	20625	12	#Mid	QPSK	24.06	-2.2	19.71	PASS
NVNT	Band5	5	20625	12	#Max	QPSK	23.96	-2.2	19.61	PASS
NVNT	Band5	5	20625	25	#0	QPSK	24.07	-2.2	19.72	PASS

NVNT	Band5	5	20625	1	#0	16QAM	24.63	-2.2	20.28	PASS
NVNT	Band5	5	20625	1	#Mid	16QAM	24.42	-2.2	20.07	PASS
NVNT	Band5	5	20625	1	#Max	16QAM	24.41	-2.2	20.06	PASS
NVNT	Band5	5	20625	12	#0	16QAM	23.01	-2.2	18.66	PASS
NVNT	Band5	5	20625	12	#Mid	16QAM	22.98	-2.2	18.63	PASS
NVNT	Band5	5	20625	12	#Max	16QAM	22.88	-2.2	18.53	PASS
NVNT	Band5	5	20625	25	#0	16QAM	23.11	-2.2	18.76	PASS
NVNT	Band5	10	20450	1	#0	QPSK	24.86	-2.2	20.51	PASS
NVNT	Band5	10	20450	1	#Mid	QPSK	24.81	-2.2	20.46	PASS
NVNT	Band5	10	20450	1	#Max	QPSK	24.91	-2.2	20.56	PASS
NVNT	Band5	10	20450	25	#0	QPSK	23.74	-2.2	19.39	PASS
NVNT	Band5	10	20450	25	#Mid	QPSK	23.91	-2.2	19.56	PASS
NVNT	Band5	10	20450	25	#Max	QPSK	23.91	-2.2	19.56	PASS
NVNT	Band5	10	20450	50	#0	QPSK	24.06	-2.2	19.71	PASS
NVNT	Band5	10	20450	1	#0	16QAM	24.82	-2.2	20.47	PASS
NVNT	Band5	10	20450	1	#Mid	16QAM	24.85	-2.2	20.50	PASS
NVNT	Band5	10	20450	1	#Max	16QAM	24.96	-2.2	20.61	PASS
NVNT	Band5	10	20450	25	#0	16QAM	22.75	-2.2	18.40	PASS
NVNT	Band5	10	20450	25	#Mid	16QAM	22.86	-2.2	18.51	PASS
NVNT	Band5	10	20450	25	#Max	16QAM	22.81	-2.2	18.46	PASS
NVNT	Band5	10	20450	50	#0	16QAM	22.86	-2.2	18.51	PASS
NVNT	Band5	10	20525	1	#0	QPSK	24.88	-2.2	20.53	PASS
NVNT	Band5	10	20525	1	#Mid	QPSK	25.03	-2.2	20.68	PASS
NVNT	Band5	10	20525	1	#Max	QPSK	24.96	-2.2	20.61	PASS
NVNT	Band5	10	20525	25	#0	QPSK	23.90	-2.2	19.55	PASS
NVNT	Band5	10	20525	25	#Mid	QPSK	23.95	-2.2	19.60	PASS
NVNT	Band5	10	20525	25	#Max	QPSK	24.06	-2.2	19.71	PASS
NVNT	Band5	10	20525	50	#0	QPSK	23.93	-2.2	19.58	PASS
NVNT	Band5	10	20525	1	#0	16QAM	24.59	-2.2	20.24	PASS
NVNT	Band5	10	20525	1	#Mid	16QAM	24.75	-2.2	20.40	PASS
NVNT	Band5	10	20525	1	#Max	16QAM	24.68	-2.2	20.33	PASS
NVNT	Band5	10	20525	25	#0	16QAM	22.99	-2.2	18.64	PASS
NVNT	Band5	10	20525	25	#Mid	16QAM	23.07	-2.2	18.72	PASS
NVNT	Band5	10	20525	25	#Max	16QAM	23.00	-2.2	18.65	PASS
NVNT	Band5	10	20525	50	#0	16QAM	23.10	-2.2	18.75	PASS
NVNT	Band5	10	20600	1	#0	QPSK	24.99	-2.2	20.64	PASS
NVNT	Band5	10	20600	1	#Mid	QPSK	24.96	-2.2	20.61	PASS
NVNT	Band5	10	20600	1	#Max	QPSK	24.94	-2.2	20.59	PASS
NVNT	Band5	10	20600	25	#0	QPSK	24.18	-2.2	19.83	PASS
NVNT	Band5	10	20600	25	#Mid	QPSK	24.03	-2.2	19.68	PASS
NVNT	Band5	10	20600	25	#Max	QPSK	23.93	-2.2	19.58	PASS
NVNT	Band5	10	20600	50	#0	QPSK	24.05	-2.2	19.70	PASS

NVNT	Band5	10	20600	1	#0	16QAM	24.41	-2.2	20.06	PASS
NVNT	Band5	10	20600	1	#Mid	16QAM	24.39	-2.2	20.04	PASS
NVNT	Band5	10	20600	1	#Max	16QAM	24.19	-2.2	19.84	PASS
NVNT	Band5	10	20600	25	#0	16QAM	22.98	-2.2	18.63	PASS
NVNT	Band5	10	20600	25	#Mid	16QAM	23.10	-2.2	18.75	PASS
NVNT	Band5	10	20600	25	#Max	16QAM	23.08	-2.2	18.73	PASS
NVNT	Band5	10	20600	50	#0	16QAM	23.03	-2.2	18.68	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 5	1.4	20407	6	#0	QPSK	NV	-30	-1.52	-0.002	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	-20	-27.91	-0.034	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	0	-16.69	-0.020	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	10	-22.16	-0.027	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	20	-36.82	-0.045	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	30	-23.99	-0.029	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	40	-11.36	-0.014	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	50	-23.36	-0.028	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	-30	-31.39	-0.038	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	-20	-34.66	-0.042	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	0	-37.69	-0.046	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	10	-40.10	-0.049	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	20	-43.10	-0.052	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	30	2.33	0.003	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	40	-1.83	-0.002	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	50	-7.62	-0.009	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	-30	18.77	0.022	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	-20	24.25	0.029	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	0	27.15	0.032	PASS

NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	10	31.06	0.037	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	20	33.46	0.040	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	30	35.93	0.043	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	40	38.74	0.046	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	50	40.91	0.049	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	-30	43.75	0.052	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	-20	1.56	0.002	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	0	5.85	0.007	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	10	11.33	0.014	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	20	14.93	0.018	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	30	19.27	0.023	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	40	22.66	0.027	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	50	25.52	0.031	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	-30	1.46	0.002	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	-20	-10.21	-0.012	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	0	-18.78	-0.022	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	10	-26.87	-0.032	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	20	-32.72	-0.039	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	30	-38.19	-0.045	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	40	-43.70	-0.052	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	50	-47.36	-0.056	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	-30	2.99	0.004	PASS

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NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	-20	3.76	0.004	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	0	4.65	0.005	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	10	5.44	0.006	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	20	3.36	0.004	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	30	4.06	0.005	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	40	3.30	0.004	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	50	3.48	0.004	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	-30	4.81	0.006	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	-20	-35.35	-0.043	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	0	-13.69	-0.017	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	10	-35.31	-0.043	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	20	-4.81	-0.006	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	30	-21.10	-0.026	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	40	-34.95	-0.042	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	50	-32.72	-0.040	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	-30	-8.37	-0.010	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	-20	-12.32	-0.015	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	0	-14.98	-0.018	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	10	-19.37	-0.023	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	20	-21.62	-0.026	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	30	-25.28	-0.031	PASS

NVNT	Band 5	3	20415	15	#0	16QAM	NV	40	-29.28	-0.035	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	50	-32.22	-0.039	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	-30	12.86	0.015	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	-20	18.91	0.023	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	0	21.37	0.026	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	10	25.75	0.031	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	20	28.70	0.034	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	30	31.03	0.037	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	40	32.54	0.039	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	50	34.99	0.042	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	-30	36.62	0.044	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	-20	42.79	0.051	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	0	30.74	0.037	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	10	11.23	0.013	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	20	14.88	0.018	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	30	17.68	0.021	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	40	22.02	0.026	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	50	25.71	0.031	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	-30	1.69	0.002	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	-20	-10.97	-0.013	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	0	-20.90	-0.025	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	10	-28.00	-0.033	PASS

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NVNT	Band 5	3	20635	15	#0	QPSK	NV	20	-35.93	-0.042	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	30	-41.30	-0.049	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	40	-43.53	-0.051	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	50	-42.16	-0.050	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	-30	0.26	0.000	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	-20	1.60	0.002	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	0	4.49	0.005	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	10	5.56	0.007	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	20	5.04	0.006	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	30	3.86	0.005	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	40	3.65	0.004	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	50	6.45	0.008	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	-30	12.90	0.016	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	-20	-24.43	-0.030	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	0	-27.34	-0.033	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	10	-28.25	-0.034	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	20	-37.94	-0.046	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	30	-13.53	-0.016	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	40	-30.44	-0.037	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	50	-43.53	-0.053	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	-30	-7.97	-0.010	PASS

NVNT	Band 5	5	20425	25	#0	16QAM	NV	-20	-10.64	-0.013	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	0	-16.55	-0.020	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	10	-19.28	-0.023	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	20	-22.24	-0.027	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	30	-25.41	-0.031	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	40	-29.10	-0.035	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	50	-32.40	-0.039	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	-30	12.55	0.015	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	-20	17.85	0.021	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	0	23.33	0.028	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	10	28.48	0.034	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	20	31.86	0.038	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	30	36.28	0.043	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	40	36.89	0.044	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	50	36.49	0.044	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	-30	39.28	0.047	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	-20	42.84	0.051	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	0	-2.03	-0.002	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	10	3.38	0.004	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	20	5.11	0.006	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	30	7.60	0.009	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	40	11.07	0.013	PASS

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NVNT	Band 5	5	20525	25	#0	16QAM	NV	50	13.85	0.017	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	-30	1.12	0.001	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	-20	-15.06	-0.018	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	0	-25.28	-0.030	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	10	-32.19	-0.038	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	20	-38.02	-0.045	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	30	-42.20	-0.050	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	40	-18.63	-0.022	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	50	-7.90	-0.009	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	-30	-9.57	-0.011	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	-20	-7.21	-0.009	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	0	-8.23	-0.010	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	10	-5.21	-0.006	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	20	-5.24	-0.006	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	30	-5.98	-0.007	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	40	-3.29	-0.004	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	50	-3.40	-0.004	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	-30	12.39	0.015	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	-20	-23.17	-0.028	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	0	-43.83	-0.053	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	10	-10.74	-0.013	PASS

NVNT	Band 5	10	20450	50	#0	QPSK	NV	20	-22.82	-0.028	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	30	-35.39	-0.043	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	40	-35.25	-0.043	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	50	-3.85	-0.005	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	-30	-10.59	-0.013	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	-20	-11.24	-0.014	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	0	-12.04	-0.015	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	10	-12.66	-0.015	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	20	-15.22	-0.018	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	30	-15.68	-0.019	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	40	-16.38	-0.020	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	50	-16.69	-0.020	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	-30	15.58	0.019	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	-20	17.41	0.021	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	0	18.34	0.022	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	10	21.20	0.025	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	20	21.54	0.026	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	30	18.63	0.022	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	40	19.30	0.023	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	50	21.76	0.026	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	-30	21.77	0.026	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	-20	29.41	0.035	PASS

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NVNT	Band 5	10	20525	50	#0	16QAM	NV	0	35.29	0.042	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	10	40.07	0.048	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	20	43.36	0.052	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	30	23.43	0.028	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	40	3.30	0.004	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	50	5.54	0.007	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	-30	-6.35	-0.008	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	-20	-22.42	-0.027	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	0	-34.12	-0.040	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	10	-42.86	-0.051	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	20	0.47	0.001	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	30	-8.31	-0.010	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	40	-13.75	-0.016	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	50	-20.67	-0.024	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	-30	-23.42	-0.028	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	-20	-17.74	-0.021	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	0	-16.42	-0.019	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	10	-18.41	-0.022	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	20	-21.67	-0.026	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	30	-21.39	-0.025	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	40	-17.80	-0.021	PASS

NVNT	Band 5	10	20600	50	#0	16QAM	NV	50	-18.31	-0.022	PASS
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Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
NVNT	Band 5	1.4	20407	6	#0	QPSK	LV	NT	22.50	0.027	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	NT	-14.05	-0.017	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	HV	NT	-19.44	-0.024	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	LV	NT	-33.57	-0.041	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	NT	-3.99	-0.005	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	HV	NT	-20.33	-0.025	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	LV	NT	0.56	0.001	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	NT	-1.22	-0.001	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	HV	NT	-7.44	-0.009	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	LV	NT	-14.15	-0.017	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	NT	-13.86	-0.017	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	HV	NT	-13.25	-0.016	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	LV	NT	-2.06	-0.002	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	NT	-13.16	-0.016	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	HV	NT	-26.15	-0.031	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	LV	NT	-39.54	-0.047	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	NT	-47.06	-0.055	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	HV	NT	2.85	0.003	PASS

NVNT	Band 5	3	20415	15	#0	QPSK	LV	NT	-16.25	-0.020	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	NT	-14.63	-0.018	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	HV	NT	-10.01	-0.012	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	LV	NT	-41.61	-0.050	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	NT	-13.68	-0.017	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	HV	NT	-31.71	-0.038	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	LV	NT	4.06	0.005	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	NT	4.86	0.006	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	HV	NT	0.20	0.000	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	LV	NT	-1.67	-0.002	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	NT	-1.43	-0.002	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	HV	NT	2.47	0.003	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	LV	NT	10.80	0.013	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	NT	-5.18	-0.006	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	HV	NT	-17.14	-0.020	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	LV	NT	-29.28	-0.035	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	NT	-34.06	-0.040	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	HV	NT	-39.28	-0.046	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	LV	NT	-15.96	-0.019	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	NT	-16.41	-0.020	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	HV	NT	-14.31	-0.017	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	LV	NT	-42.57	-0.052	PASS

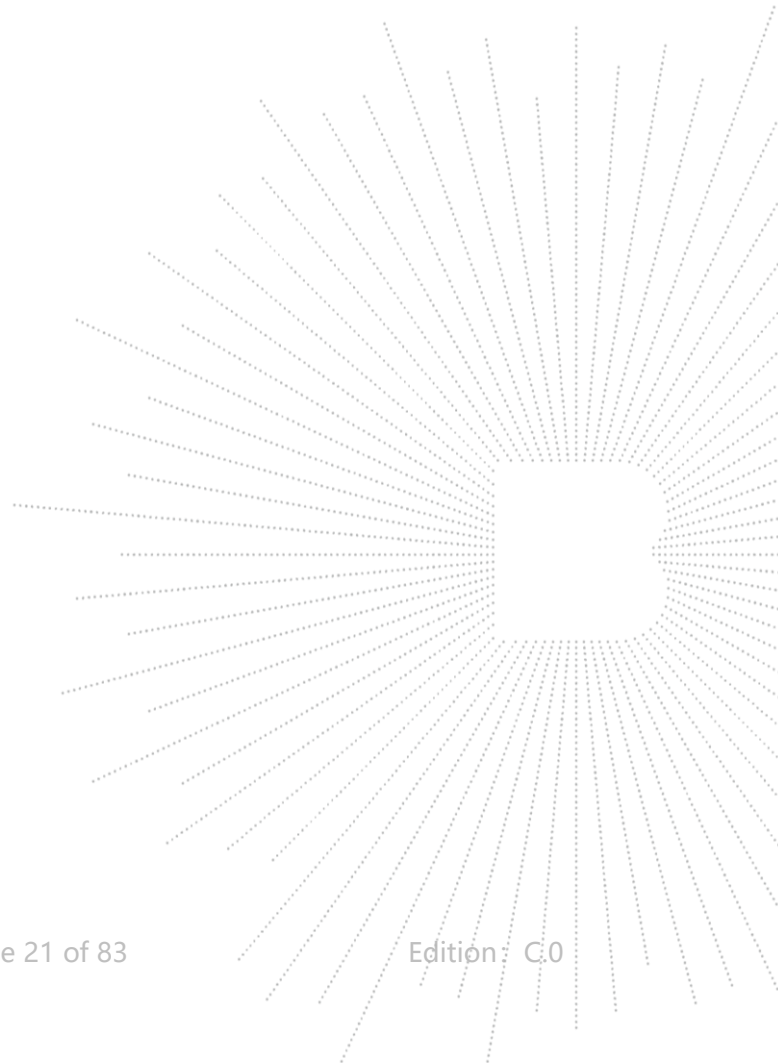
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NVNT	Band 5	5	20425	25	#0	16QAM	NV	NT	-11.36	-0.014	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	HV	NT	-26.99	-0.033	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	LV	NT	7.11	0.008	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	NT	8.40	0.010	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	HV	NT	8.01	0.010	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	LV	NT	7.01	0.008	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	NT	10.27	0.012	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	HV	NT	14.00	0.017	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	LV	NT	5.51	0.007	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	NT	-11.32	-0.013	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	HV	NT	-25.94	-0.031	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	LV	NT	-38.51	-0.045	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	NT	-42.33	-0.050	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	HV	NT	-47.59	-0.056	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	LV	NT	14.31	0.017	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	NT	-33.80	-0.041	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	HV	NT	-36.81	-0.044	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	LV	NT	-19.64	-0.024	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	NT	-38.25	-0.046	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	HV	NT	0.46	0.001	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	LV	NT	7.45	0.009	PASS

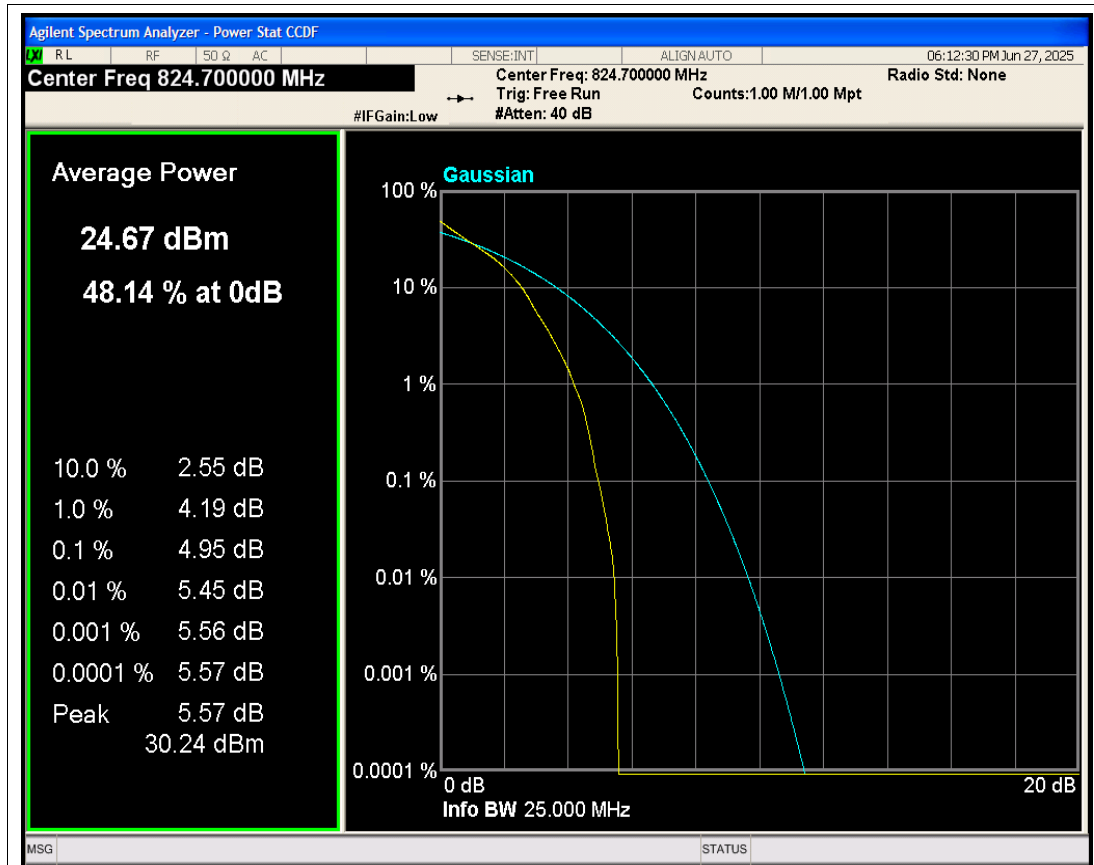
NVNT	Band 5	10	20525	50	#0	QPSK	NV	NT	2.60	0.003	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	HV	NT	-4.99	-0.006	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	LV	NT	-10.74	-0.013	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	NT	-9.13	-0.011	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	HV	NT	-7.71	-0.009	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	LV	NT	-1.09	-0.001	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	NT	-26.44	-0.031	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	HV	NT	-31.91	-0.038	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	LV	NT	-16.18	-0.019	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	NT	-21.21	-0.025	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	HV	NT	-26.94	-0.032	PASS

Appendix 3. Peak-to-Average Ratio

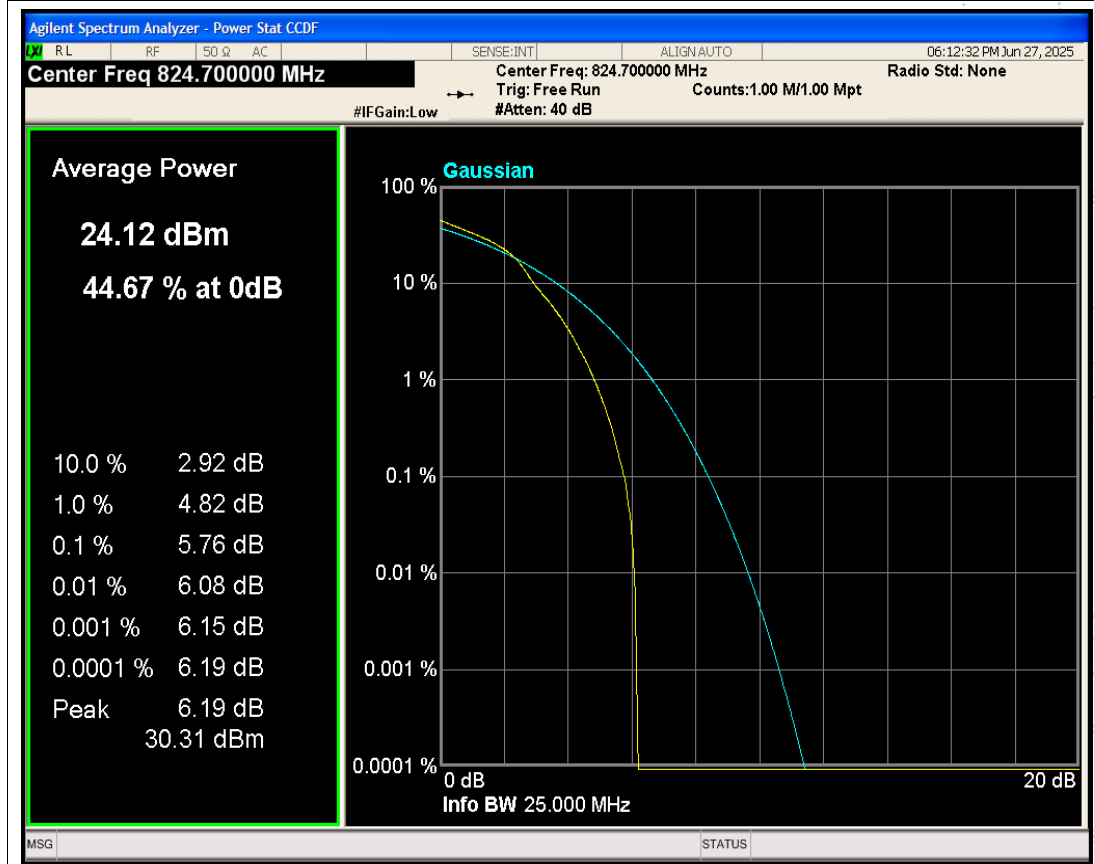
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band5	1.4	20407	1	#0	QPSK	4.95	13	PASS
NVNT	Band5	1.4	20407	1	#0	16QAM	5.76	13	PASS
NVNT	Band5	1.4	20525	1	#0	QPSK	4.55	13	PASS
NVNT	Band5	1.4	20525	1	#0	16QAM	5.35	13	PASS
NVNT	Band5	1.4	20643	1	#0	QPSK	4.64	13	PASS
NVNT	Band5	1.4	20643	1	#0	16QAM	5.51	13	PASS
NVNT	Band5	3	20415	1	#0	QPSK	5.02	13	PASS
NVNT	Band5	3	20415	1	#0	16QAM	6.10	13	PASS
NVNT	Band5	3	20525	1	#0	QPSK	4.59	13	PASS
NVNT	Band5	3	20525	1	#0	16QAM	5.43	13	PASS
NVNT	Band5	3	20635	1	#0	QPSK	4.76	13	PASS
NVNT	Band5	3	20635	1	#0	16QAM	5.65	13	PASS
NVNT	Band5	5	20425	1	#0	QPSK	5.28	13	PASS
NVNT	Band5	5	20425	1	#0	16QAM	6.01	13	PASS

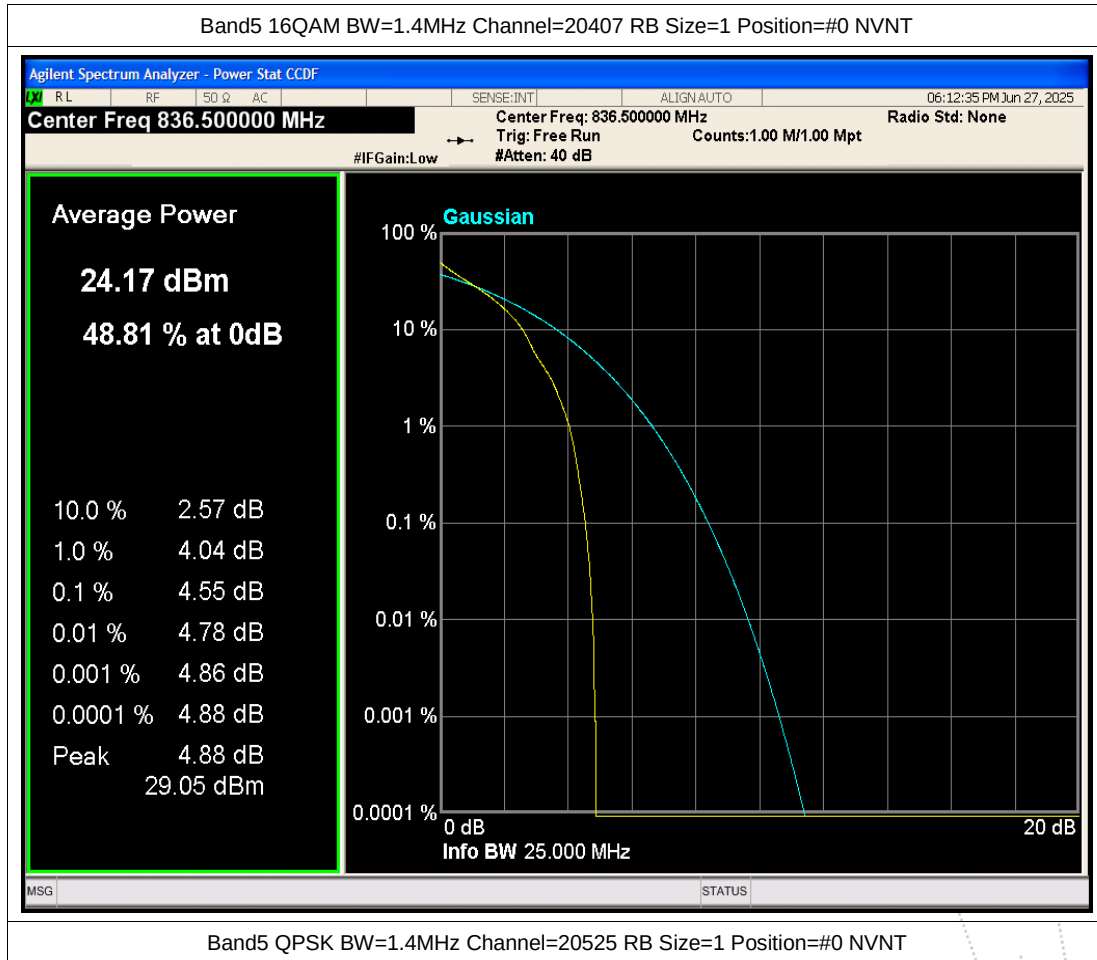
NVNT	Band5	5	20525	1	#0	QPSK	4.67	13	PASS
NVNT	Band5	5	20525	1	#0	16QAM	5.41	13	PASS
NVNT	Band5	5	20625	1	#0	QPSK	5.34	13	PASS
NVNT	Band5	5	20625	1	#0	16QAM	6.18	13	PASS
NVNT	Band5	10	20450	1	#0	QPSK	4.87	13	PASS
NVNT	Band5	10	20450	1	#0	16QAM	5.95	13	PASS
NVNT	Band5	10	20525	1	#0	QPSK	4.92	13	PASS
NVNT	Band5	10	20525	1	#0	16QAM	5.89	13	PASS
NVNT	Band5	10	20600	1	#0	QPSK	5.13	13	PASS
NVNT	Band5	10	20600	1	#0	16QAM	5.91	13	PASS

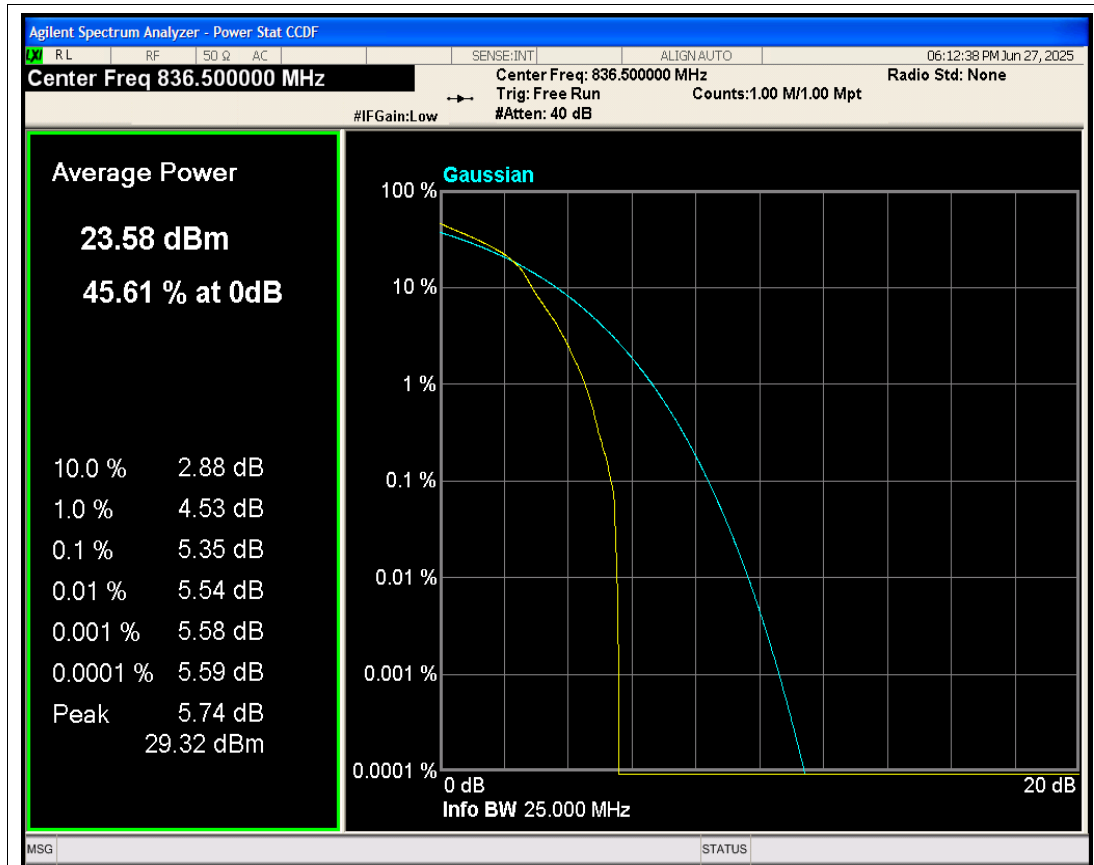




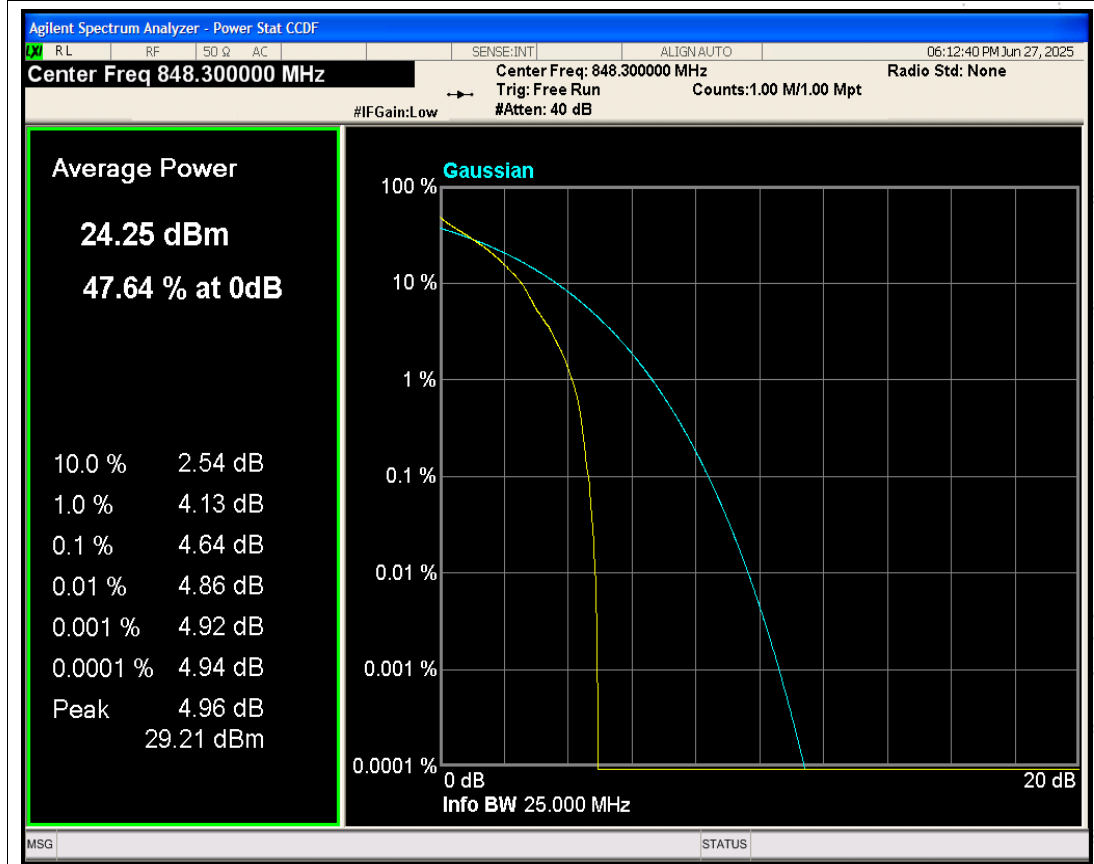
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0 NVNT



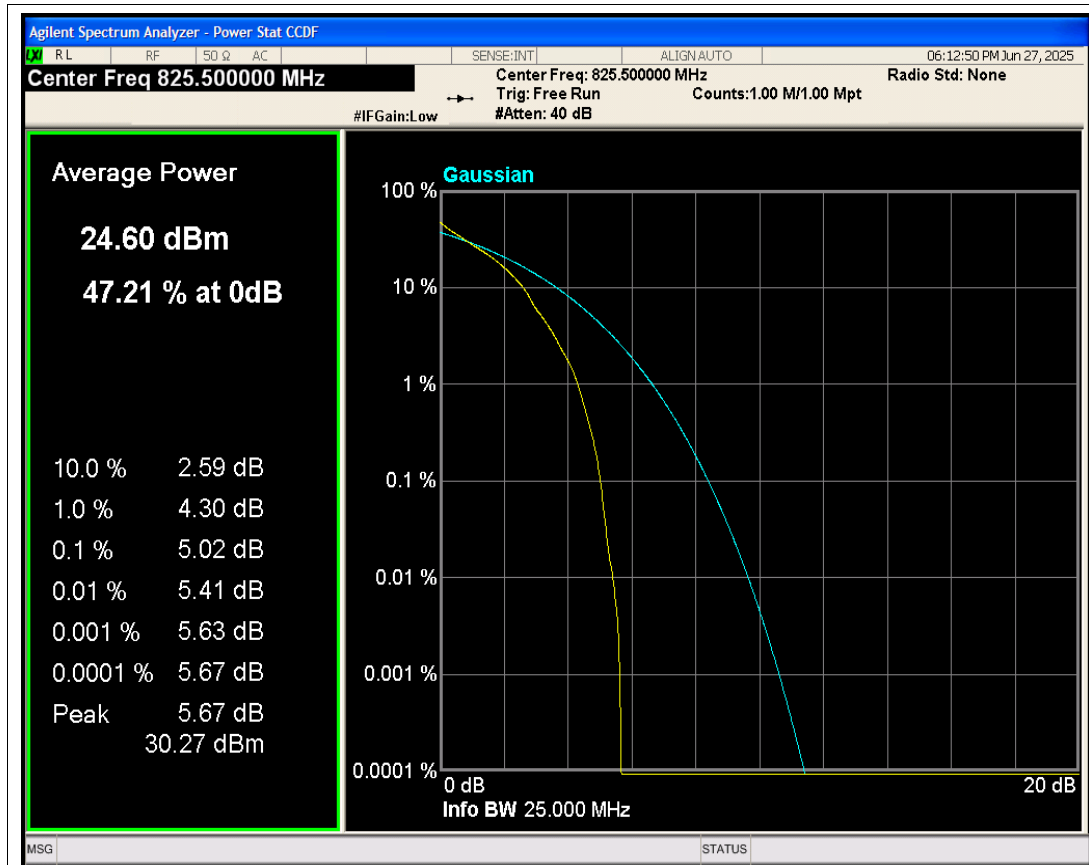




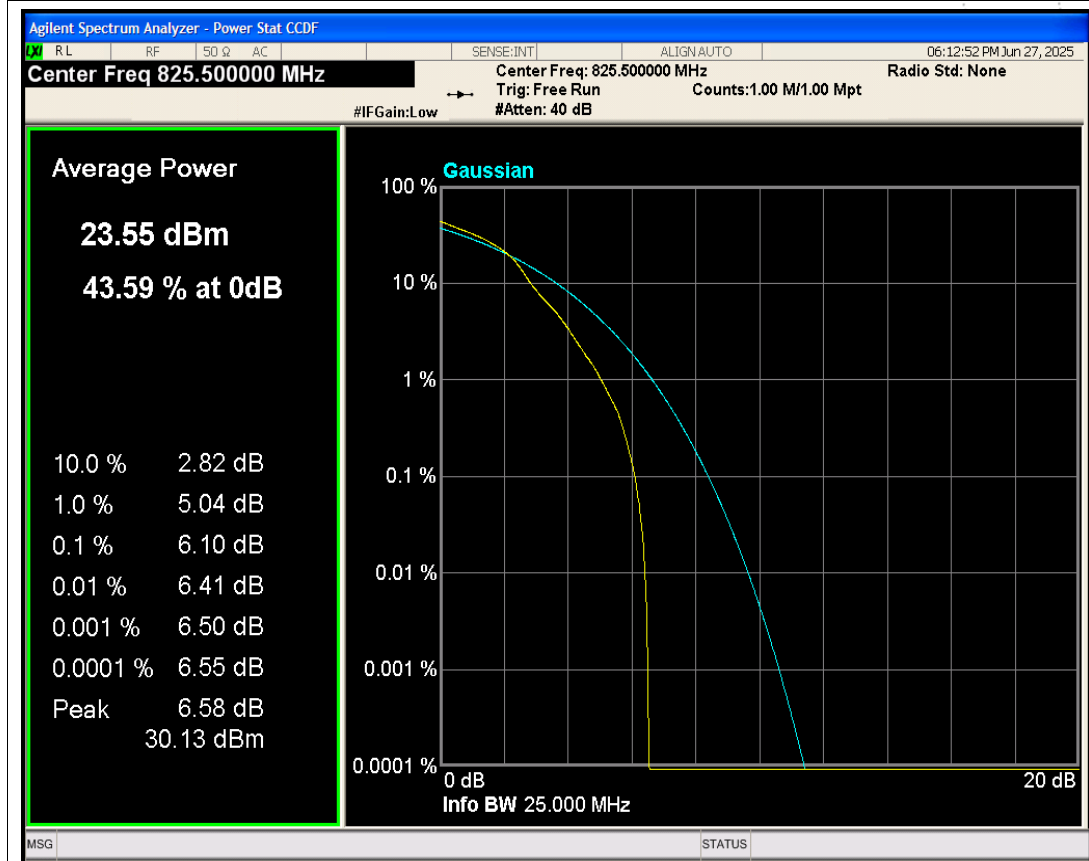
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0 NVNT

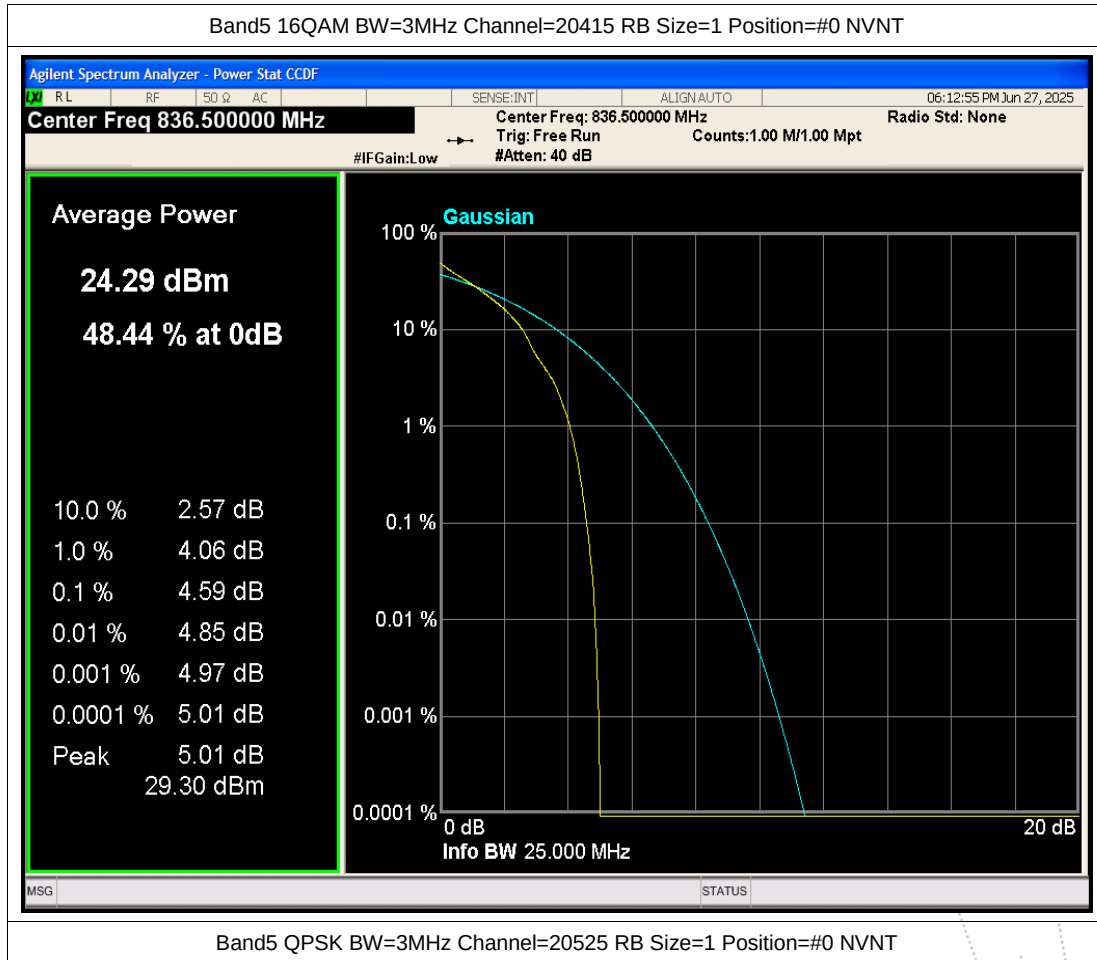


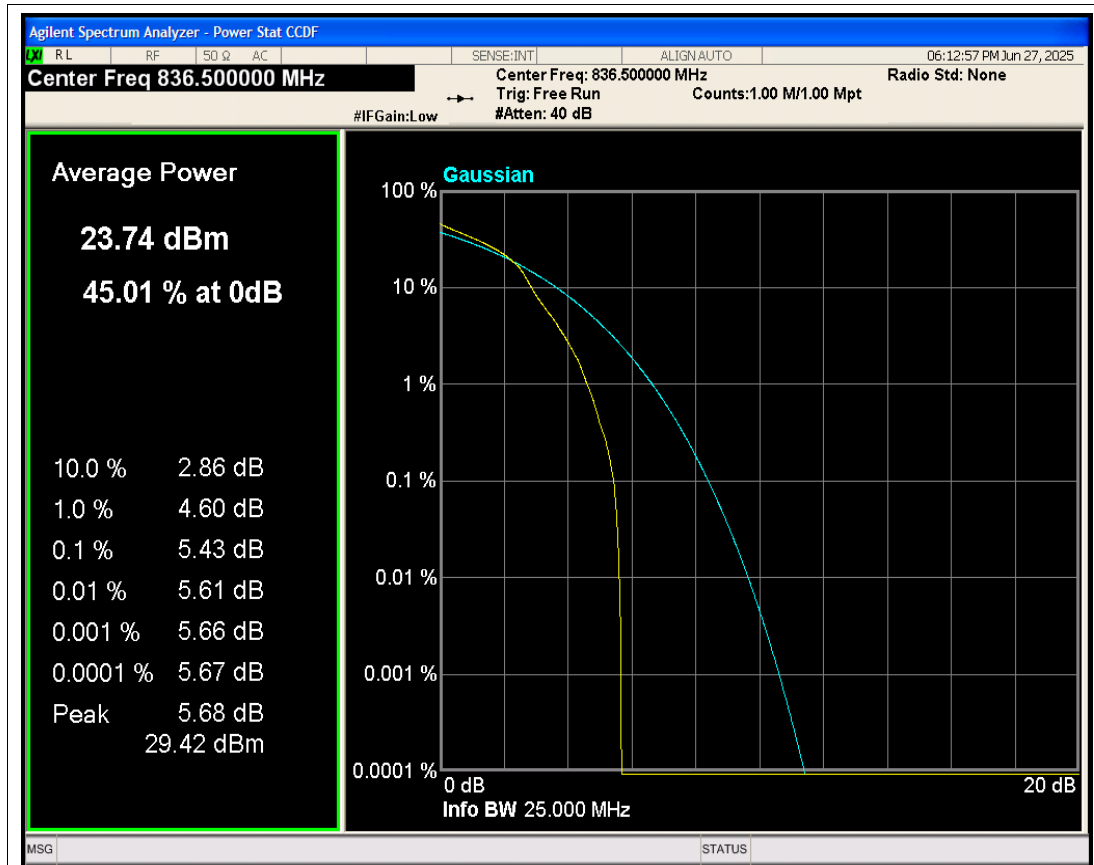




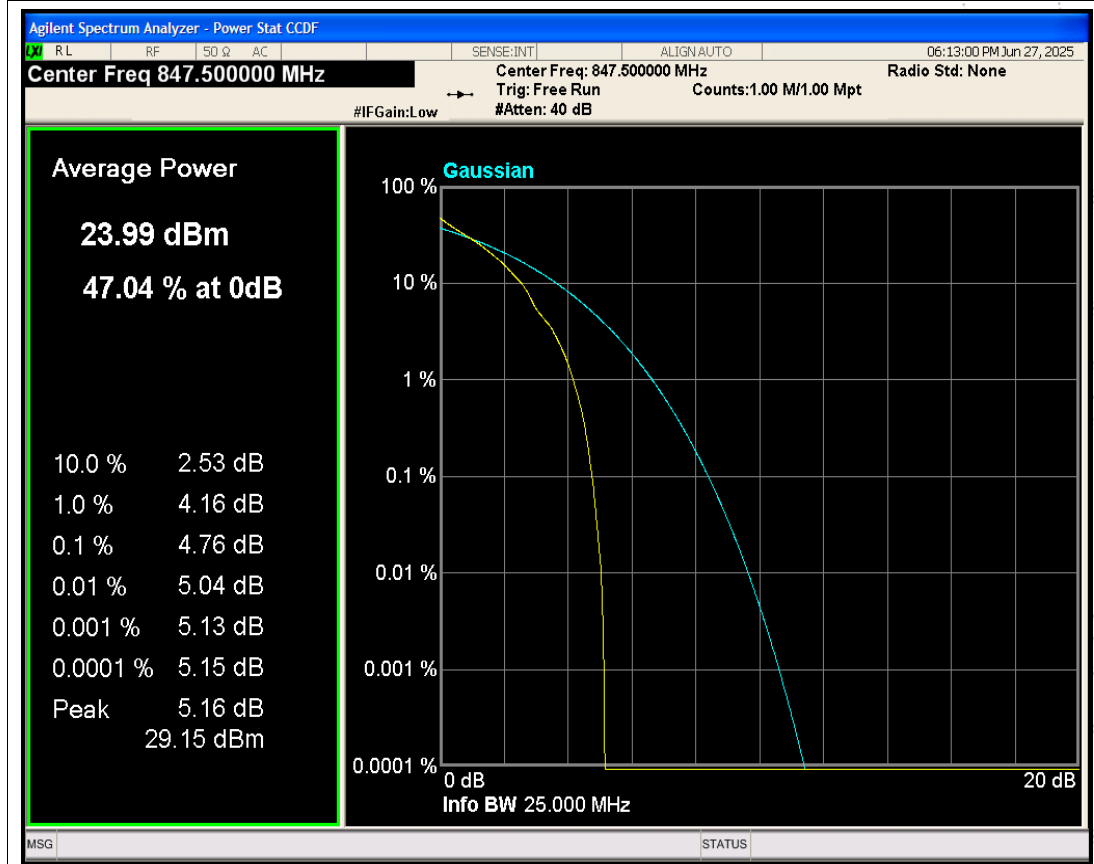
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0 NVNT



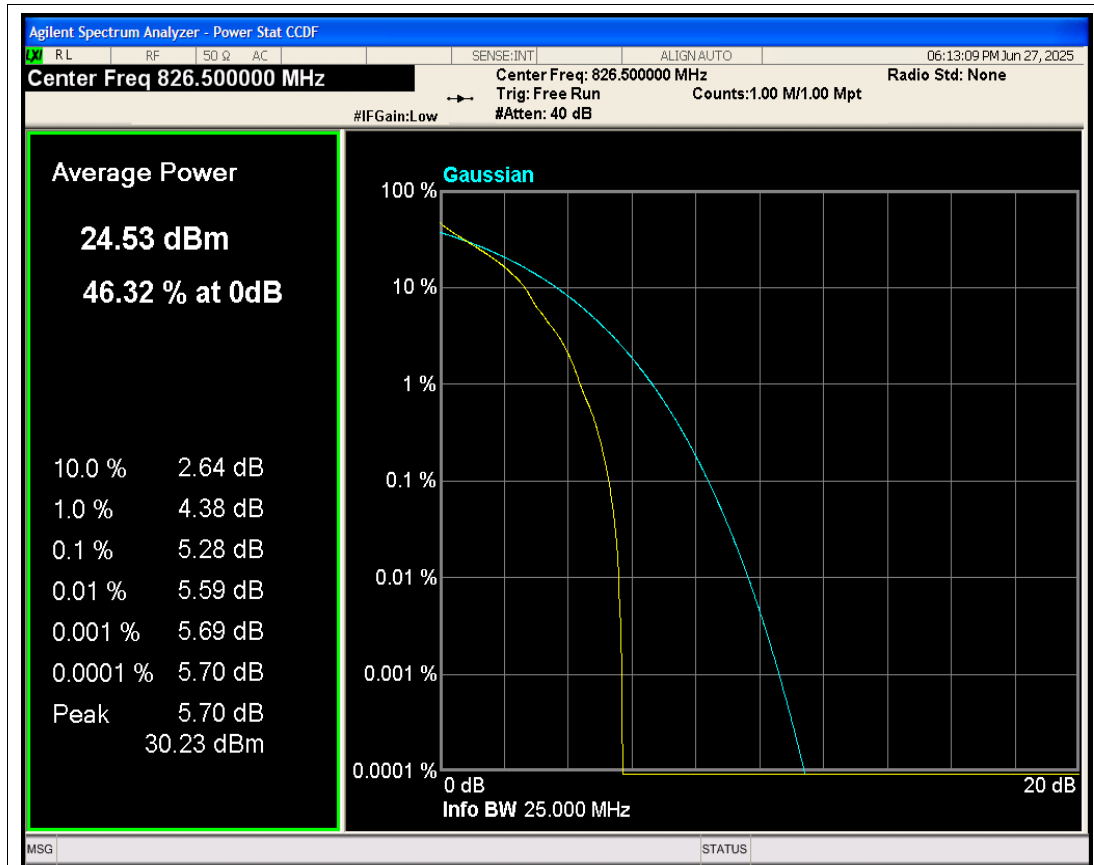




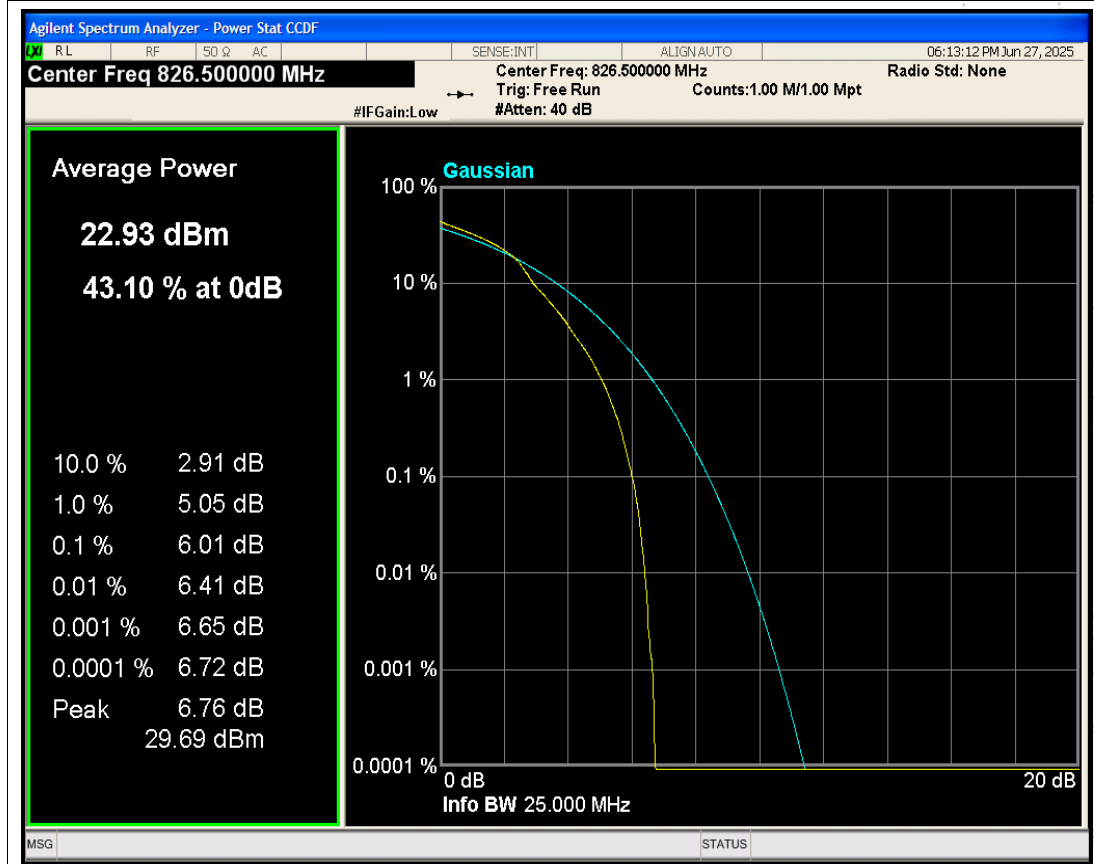
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0 NVNT

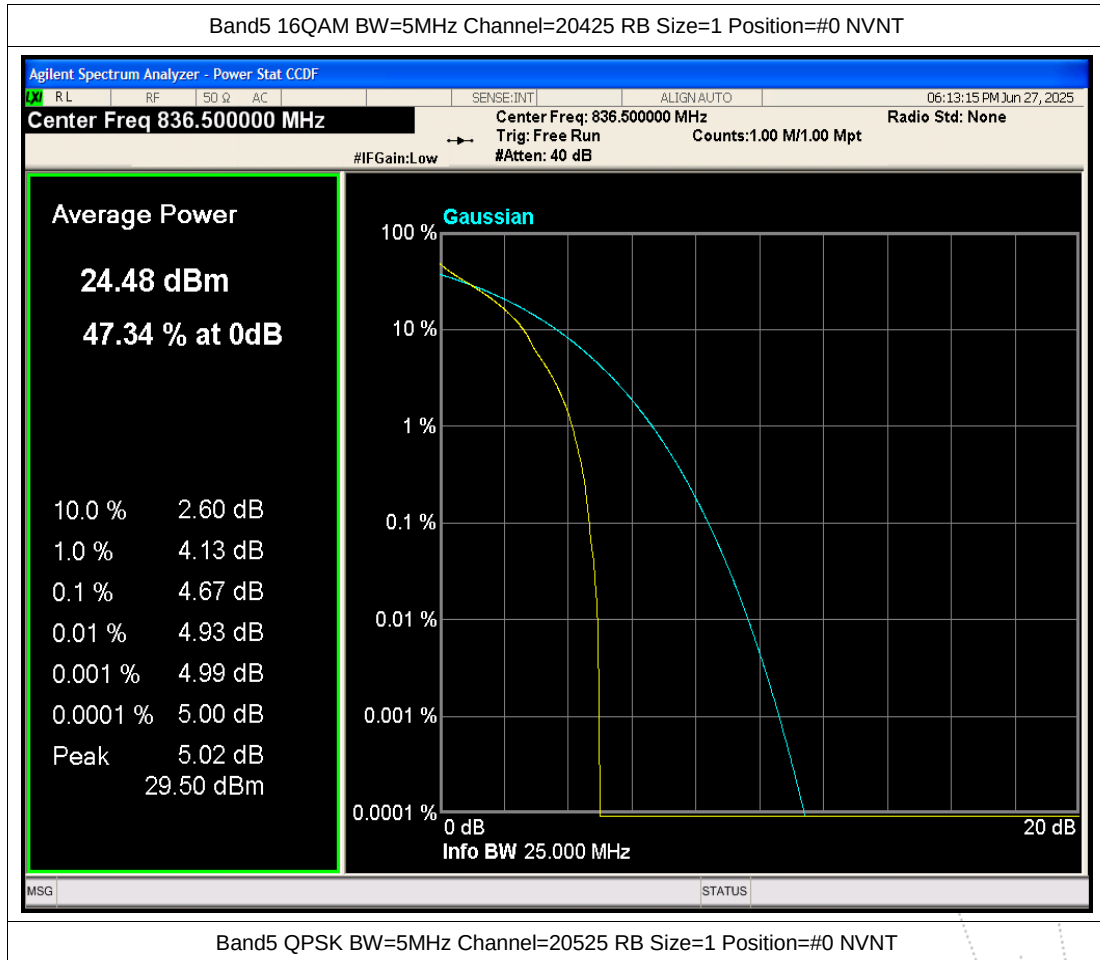


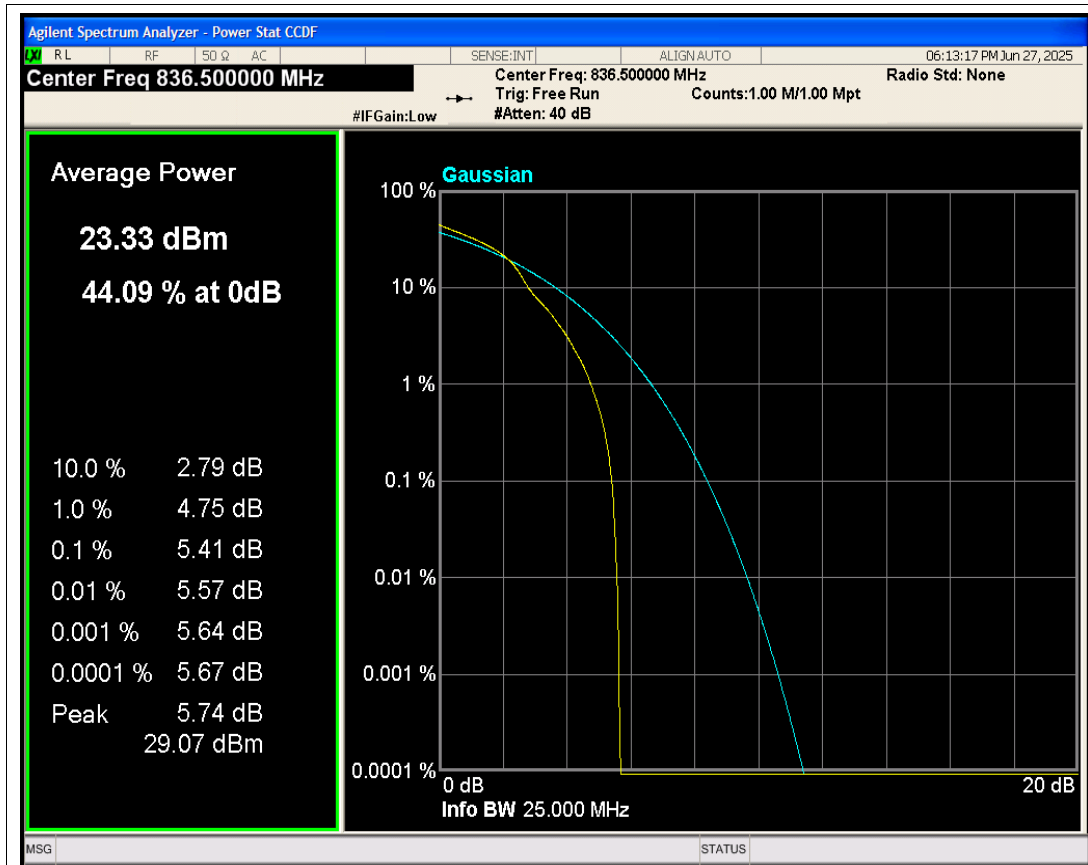




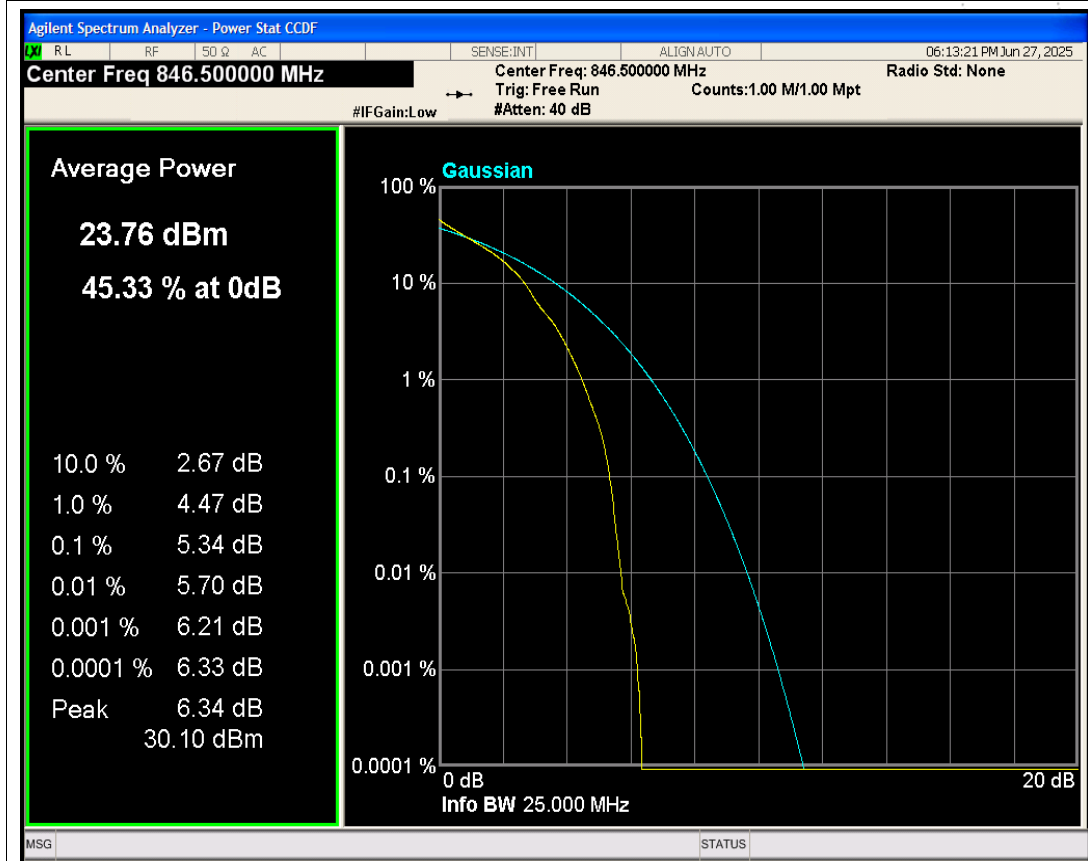
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0 NVNT

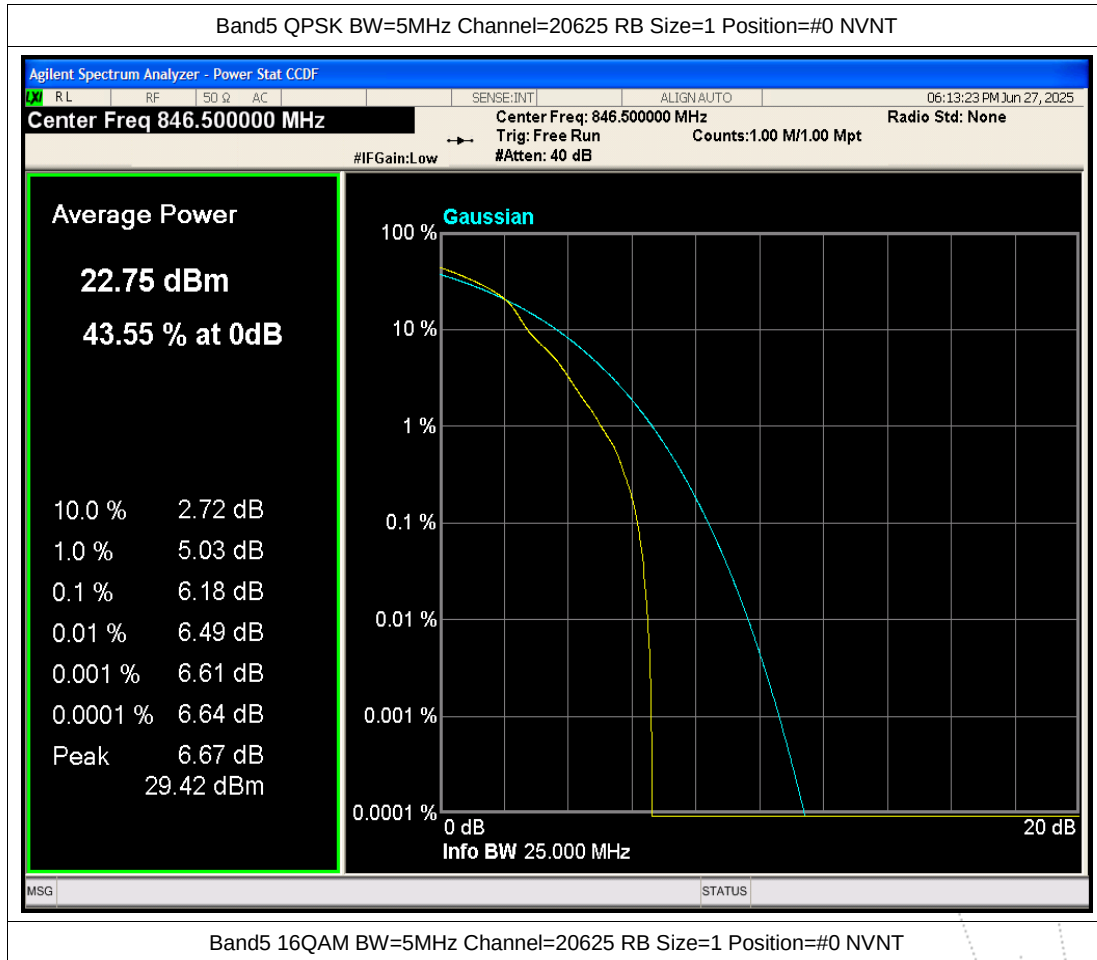


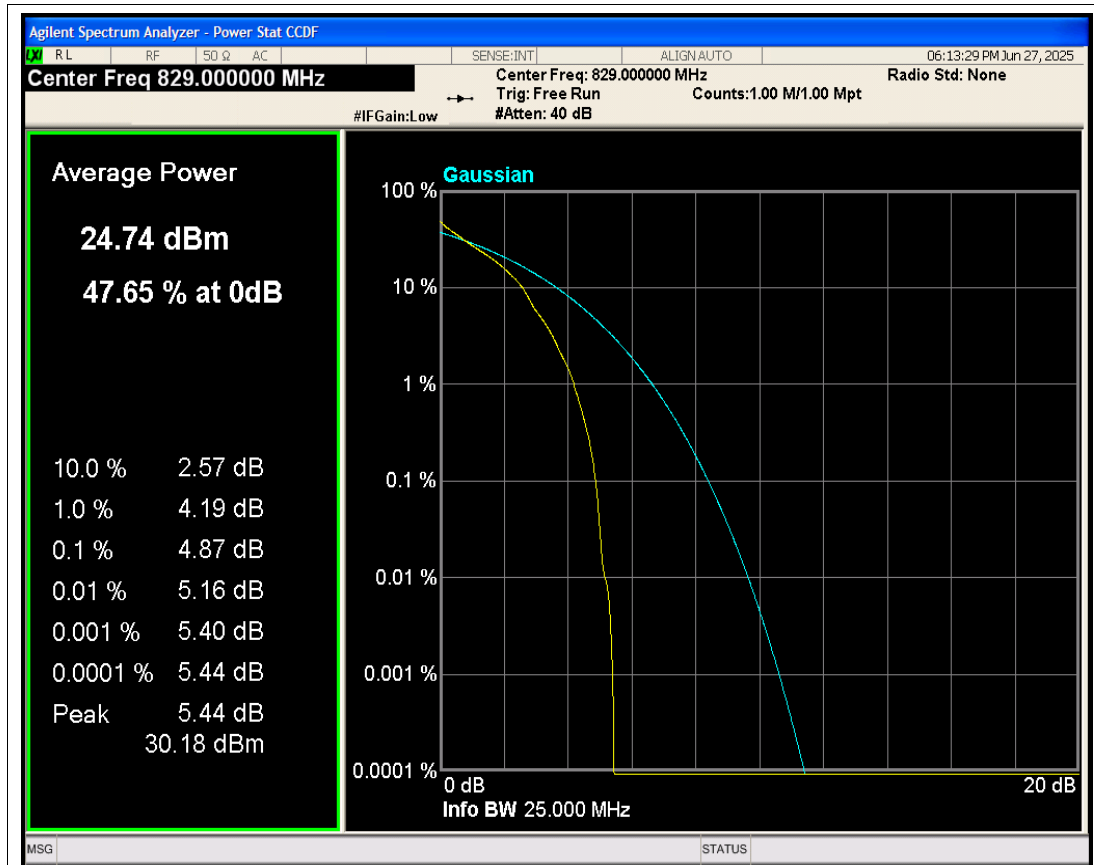




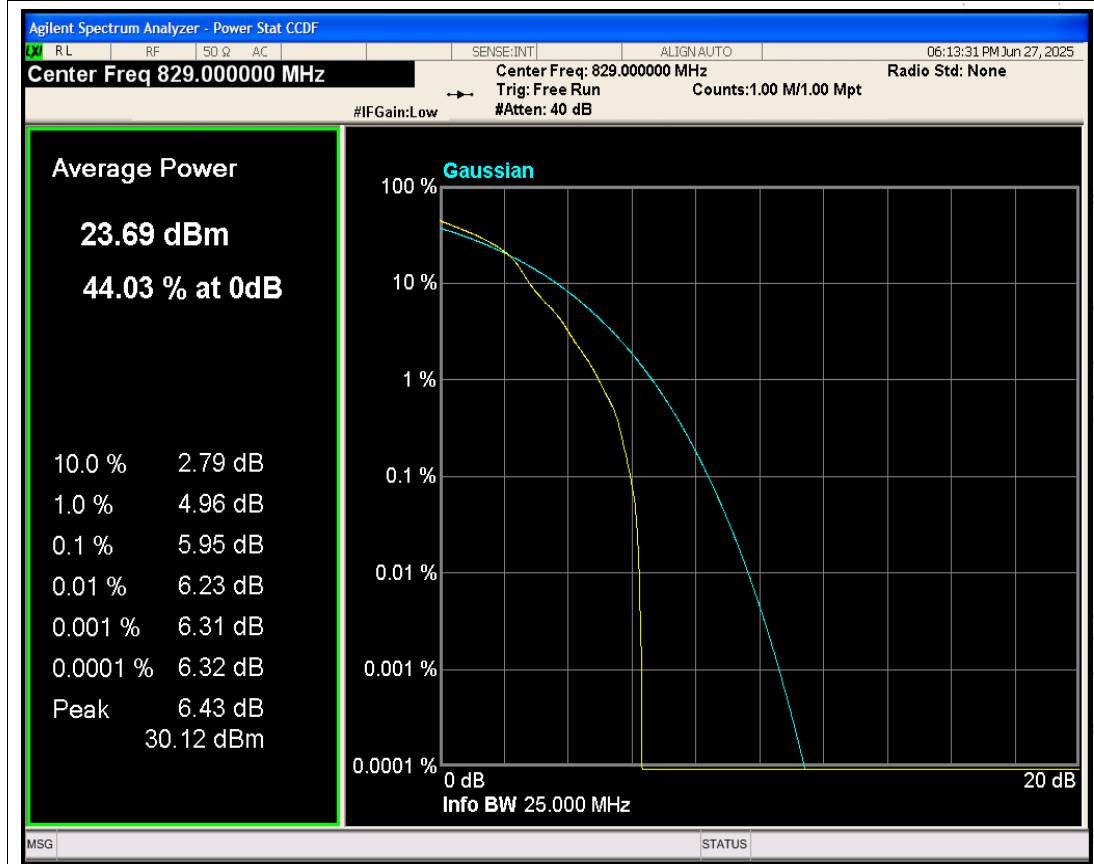
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0 NVNT

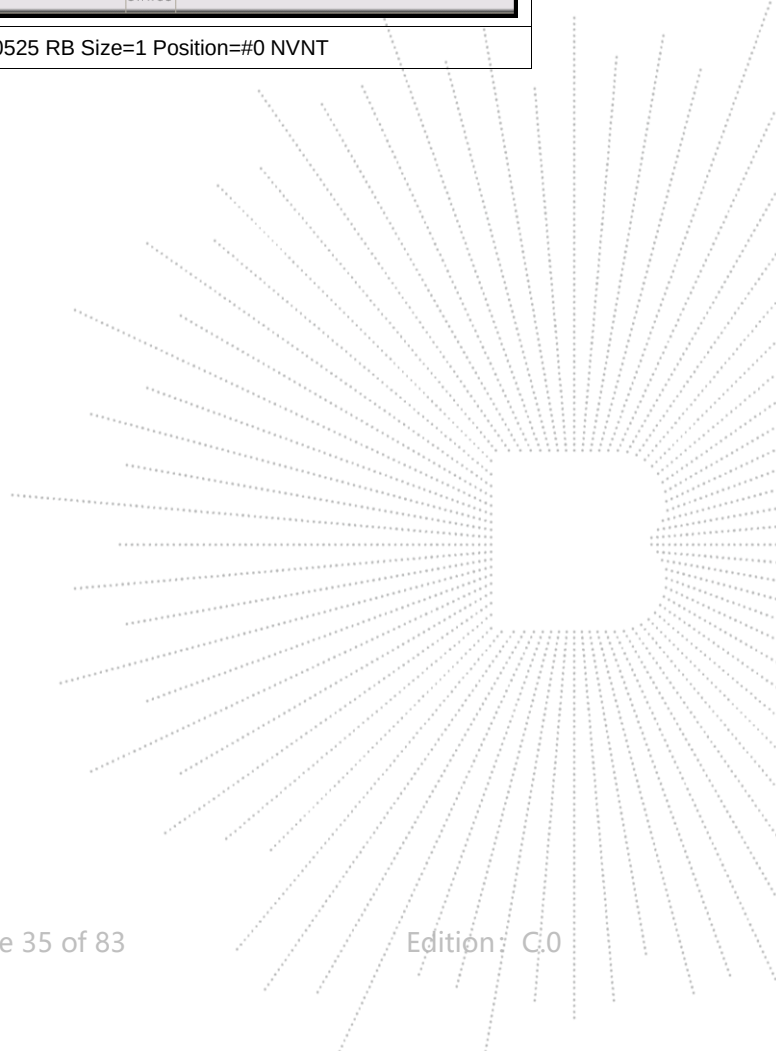
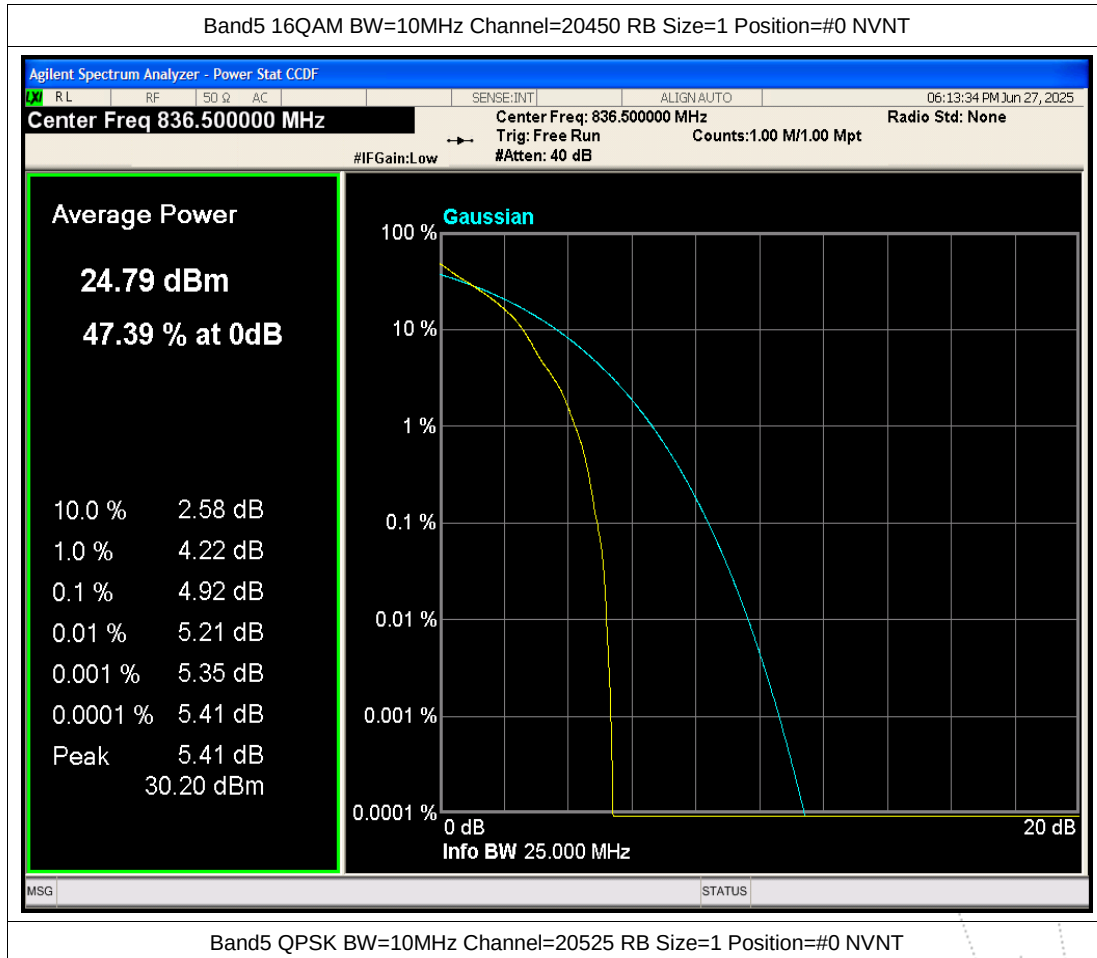


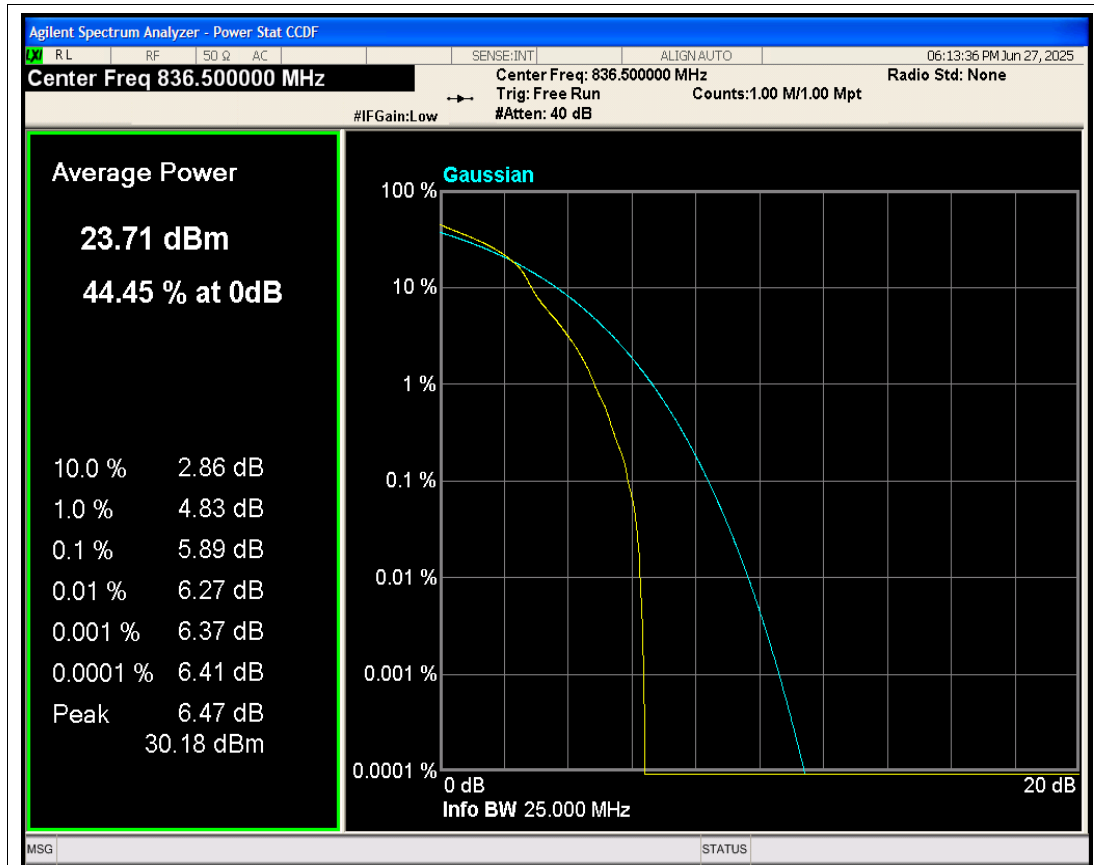




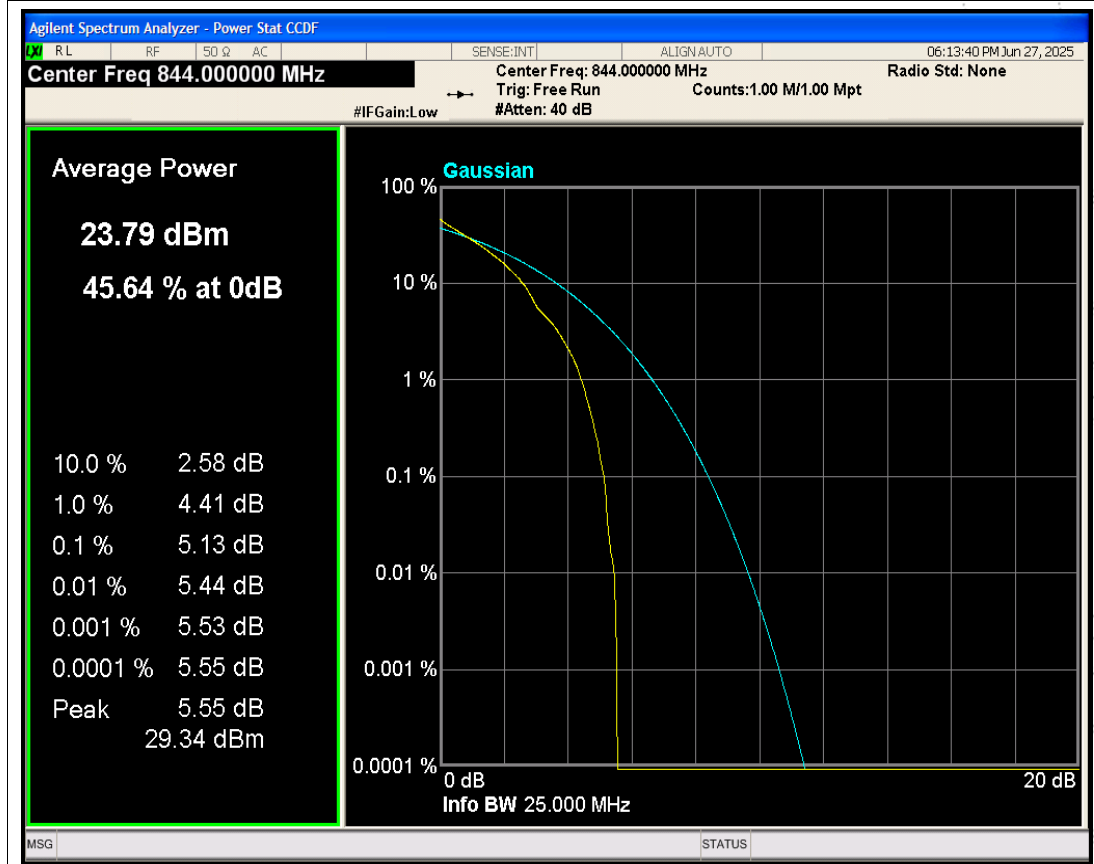
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0 NVNT

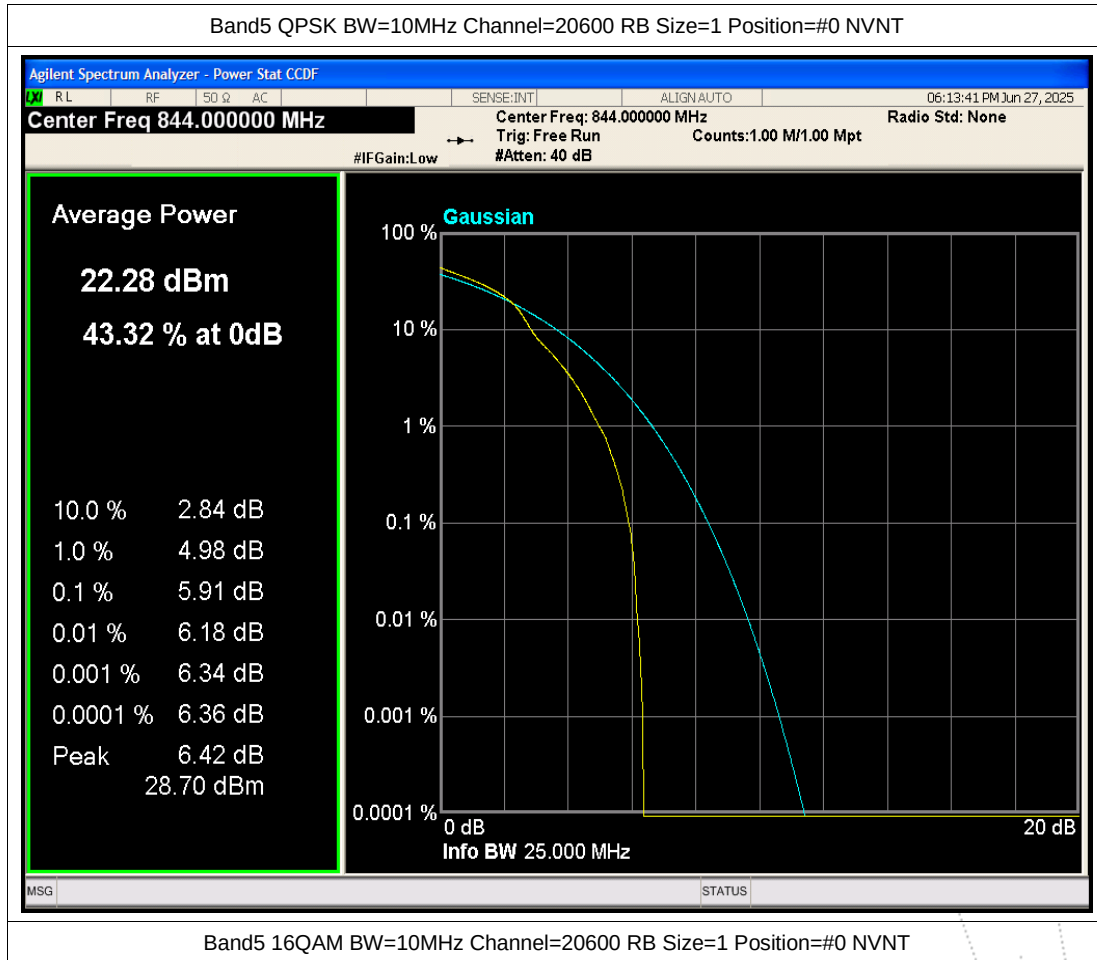






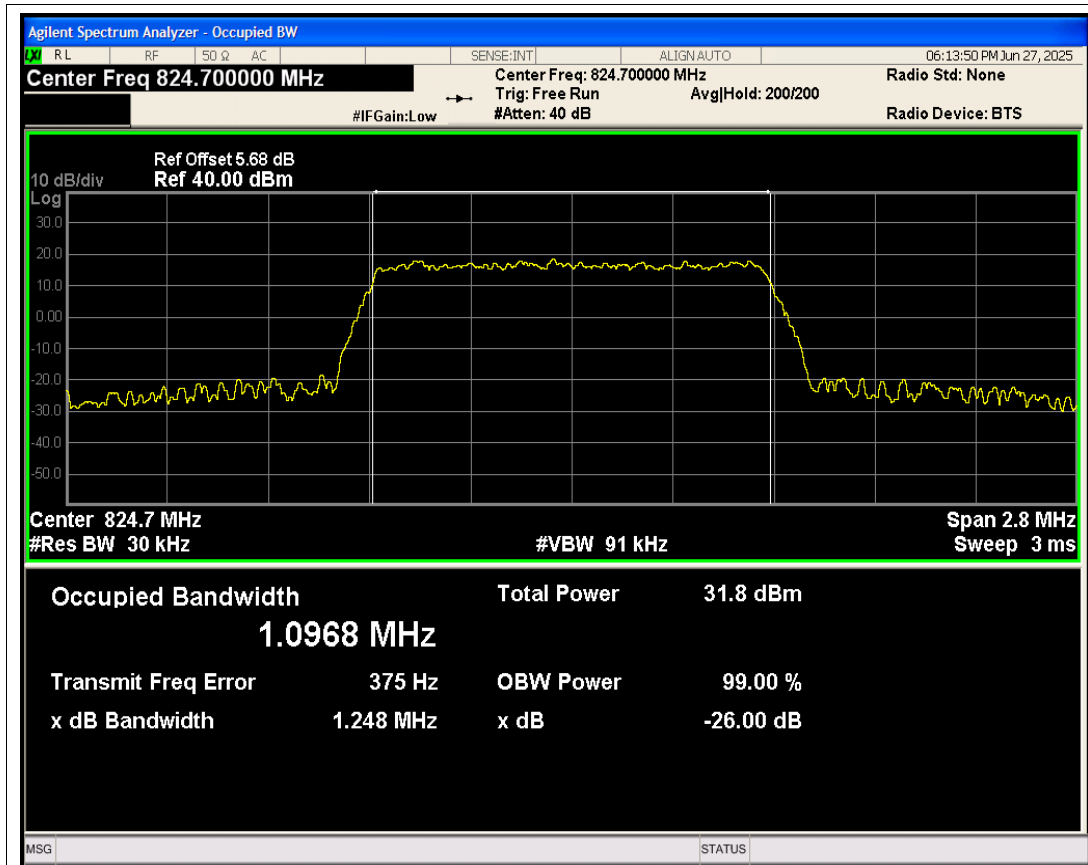
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0 NVNT



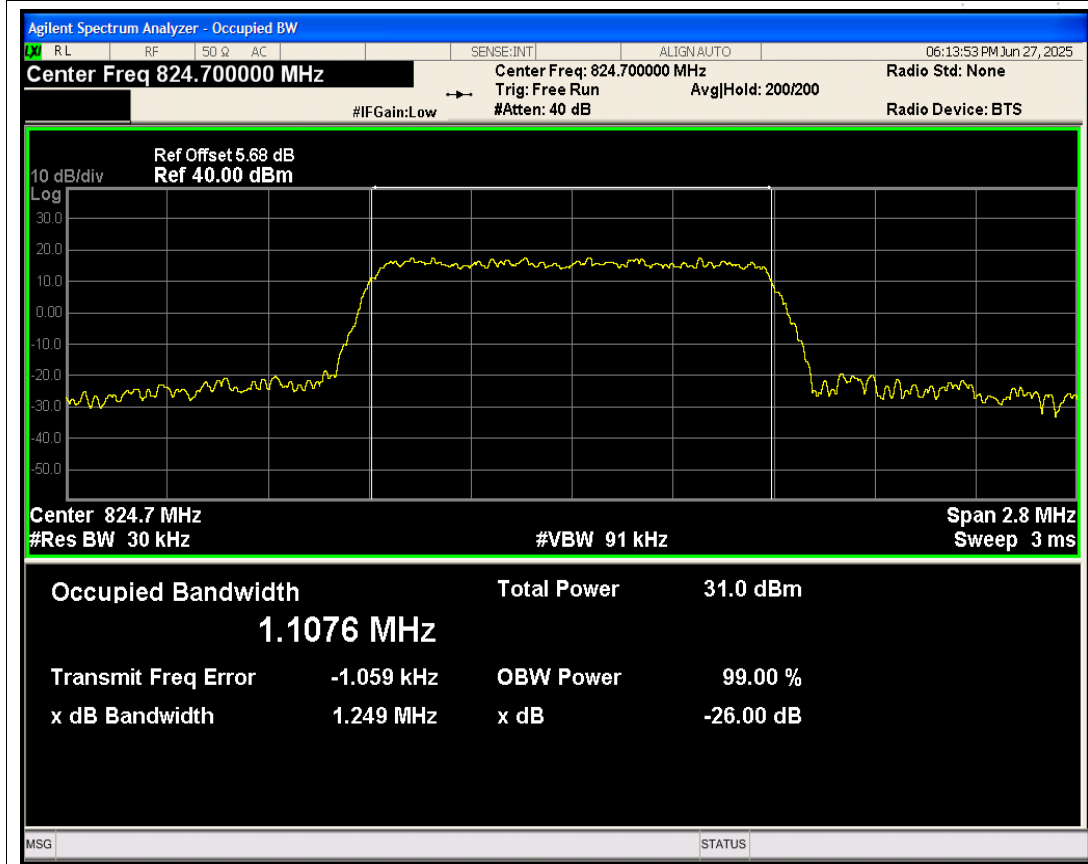


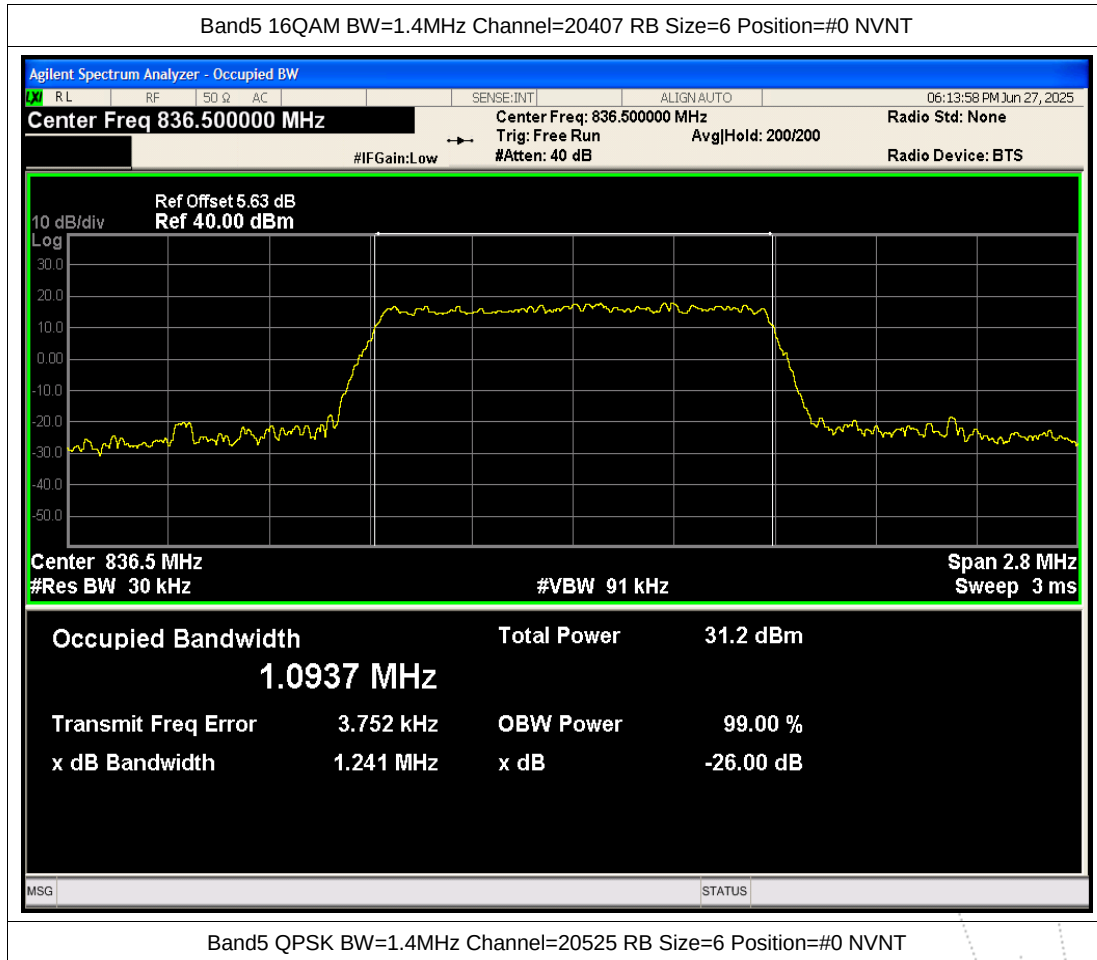
Appendix 4.Occupied bandwidth

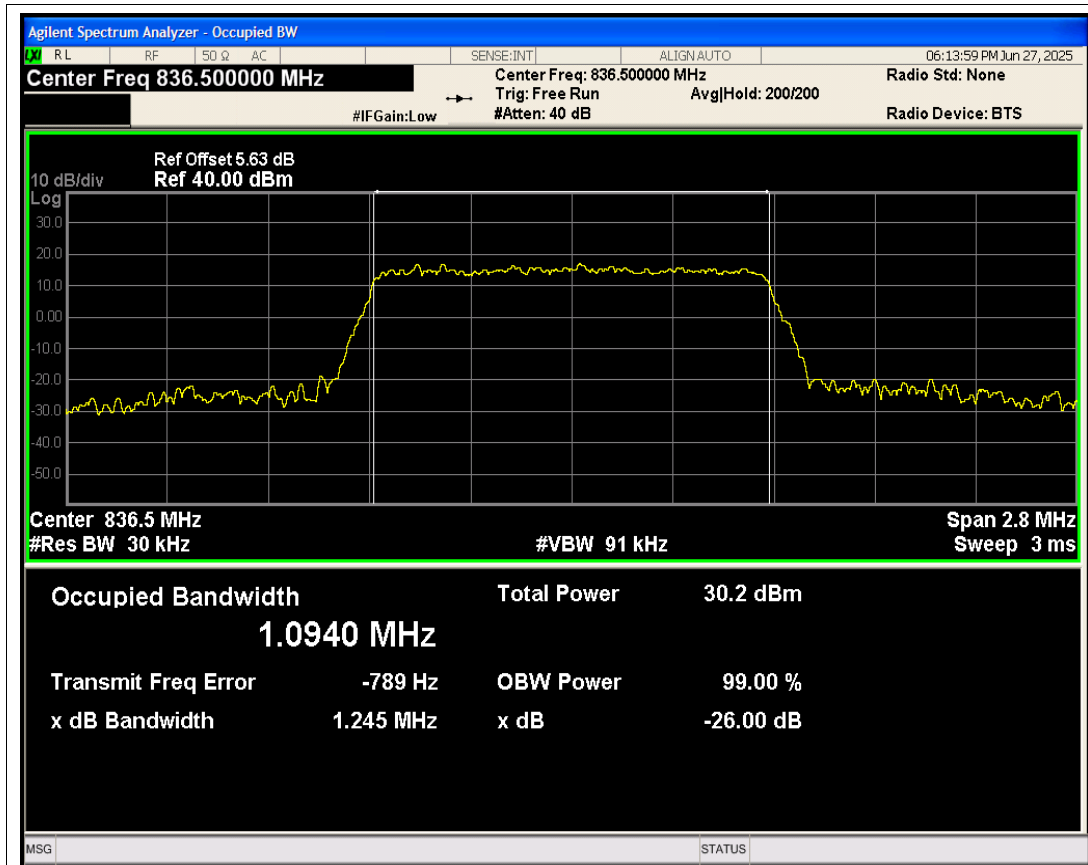
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band5	1.4	20407	6	#0	QPSK	1.097	1.248	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	1.108	1.249	PASS
NVNT	Band5	1.4	20525	6	#0	QPSK	1.094	1.241	PASS
NVNT	Band5	1.4	20525	6	#0	16QAM	1.094	1.245	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	1.102	1.247	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	1.097	1.241	PASS
NVNT	Band5	3	20415	15	#0	QPSK	2.710	3.036	PASS
NVNT	Band5	3	20415	15	#0	16QAM	2.700	3.038	PASS
NVNT	Band5	3	20525	15	#0	QPSK	2.701	3.009	PASS
NVNT	Band5	3	20525	15	#0	16QAM	2.707	3.029	PASS
NVNT	Band5	3	20635	15	#0	QPSK	2.703	2.992	PASS
NVNT	Band5	3	20635	15	#0	16QAM	2.699	3.019	PASS
NVNT	Band5	5	20425	25	#0	QPSK	4.519	4.977	PASS
NVNT	Band5	5	20425	25	#0	16QAM	4.515	4.918	PASS
NVNT	Band5	5	20525	25	#0	QPSK	4.513	4.981	PASS
NVNT	Band5	5	20525	25	#0	16QAM	4.507	4.946	PASS
NVNT	Band5	5	20625	25	#0	QPSK	4.492	4.916	PASS
NVNT	Band5	5	20625	25	#0	16QAM	4.516	4.959	PASS
NVNT	Band5	10	20450	50	#0	QPSK	8.990	9.889	PASS
NVNT	Band5	10	20450	50	#0	16QAM	9.002	9.791	PASS
NVNT	Band5	10	20525	50	#0	QPSK	8.952	9.796	PASS
NVNT	Band5	10	20525	50	#0	16QAM	8.999	9.812	PASS
NVNT	Band5	10	20600	50	#0	QPSK	9.035	9.788	PASS
NVNT	Band5	10	20600	50	#0	16QAM	9.030	9.940	PASS



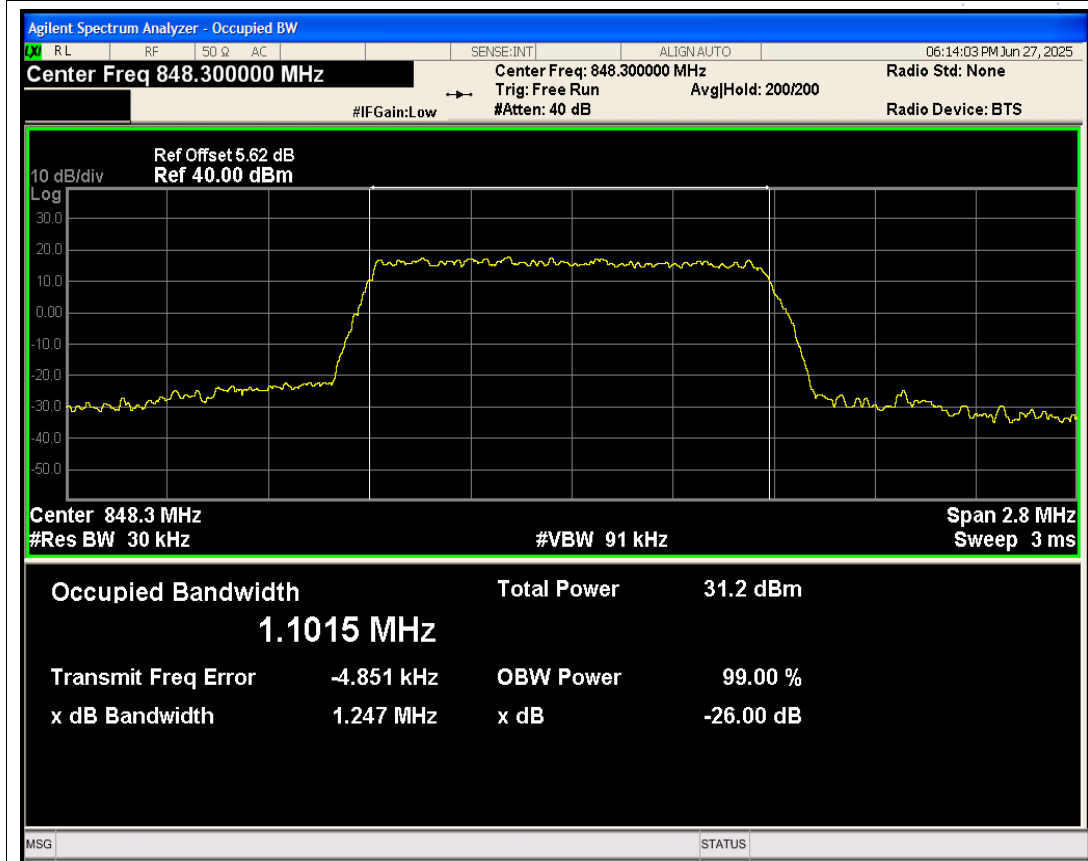
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT

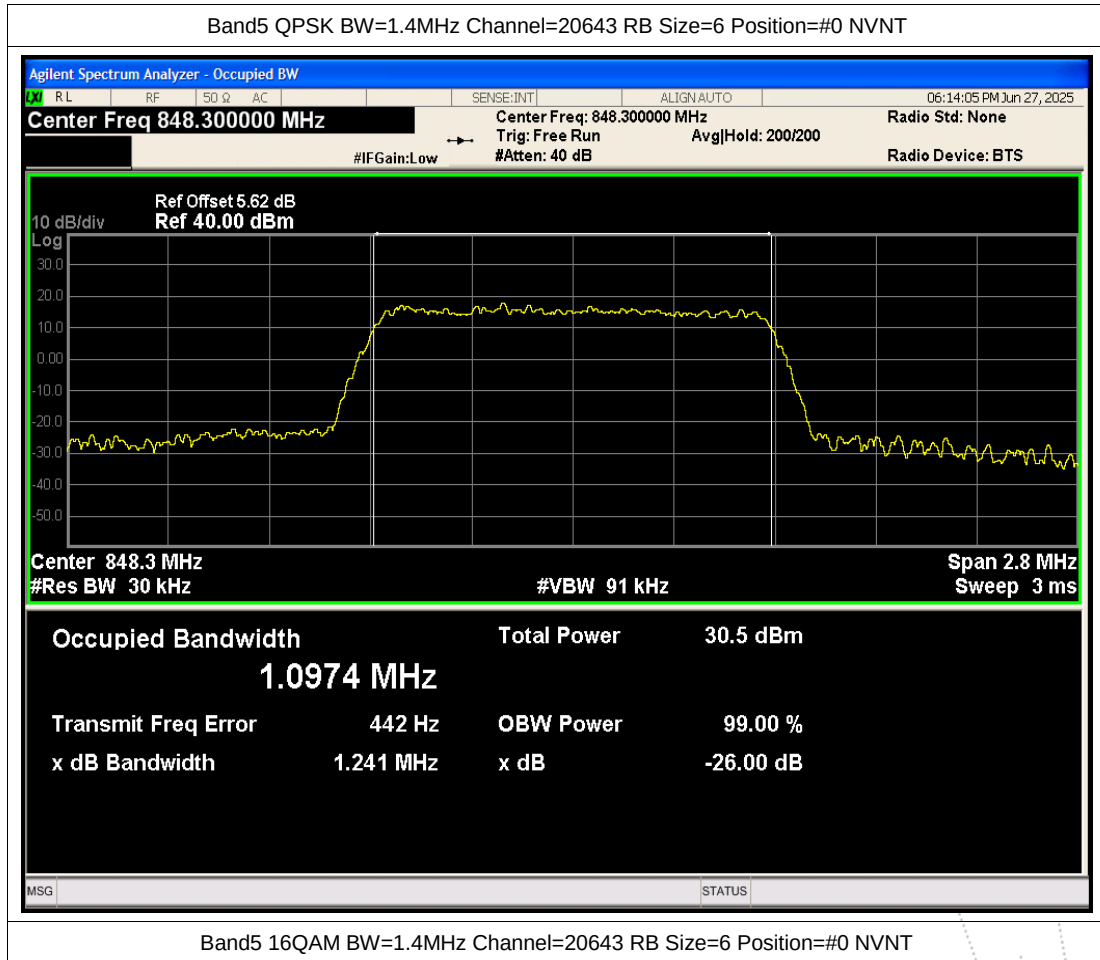


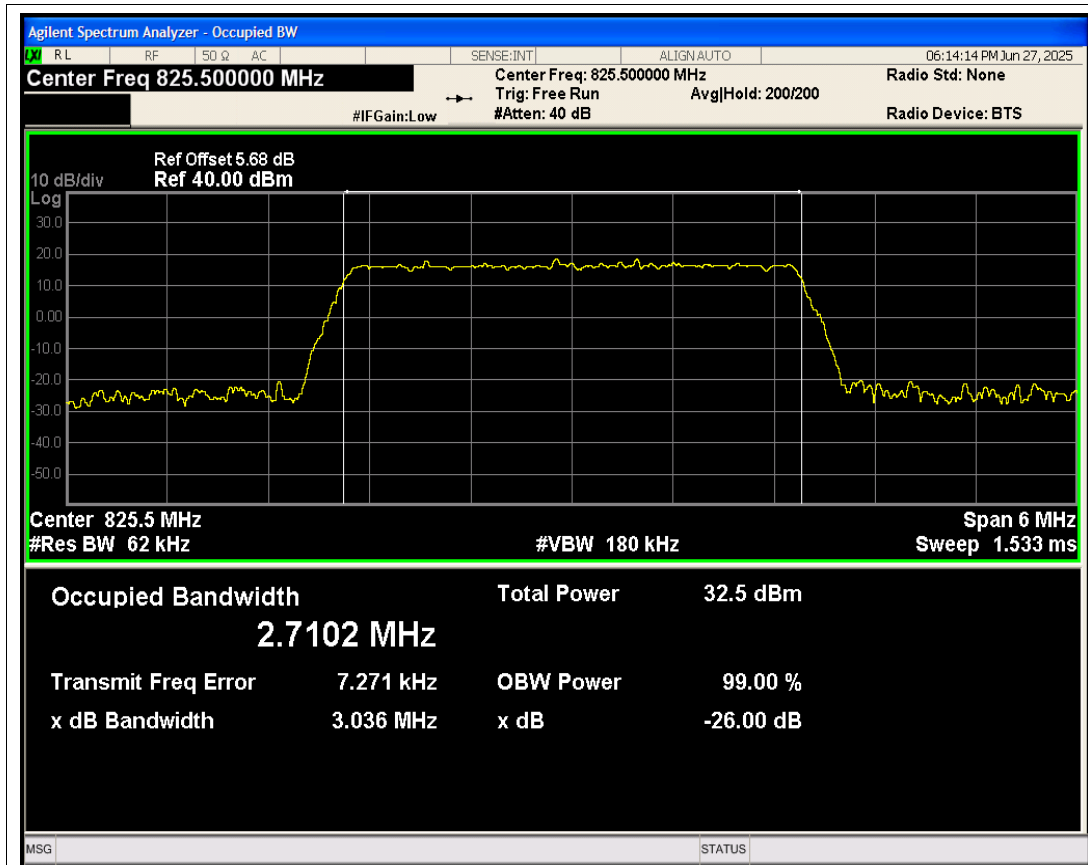




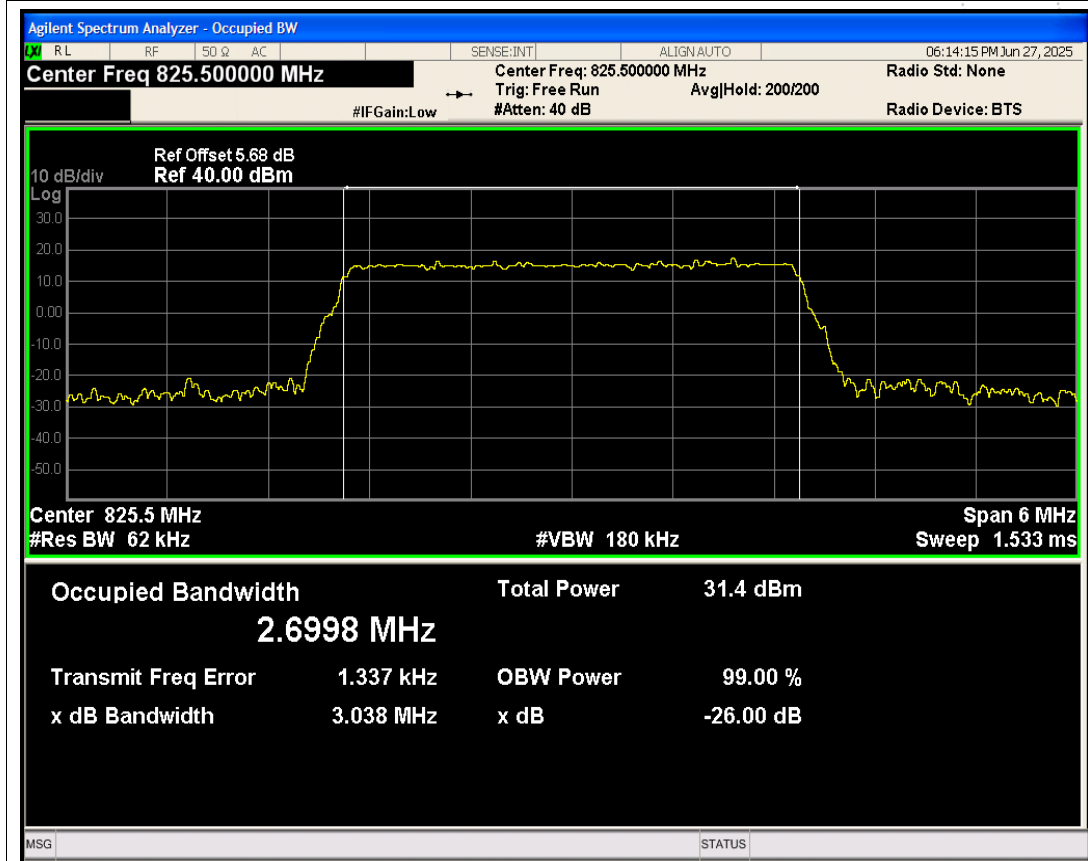
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT

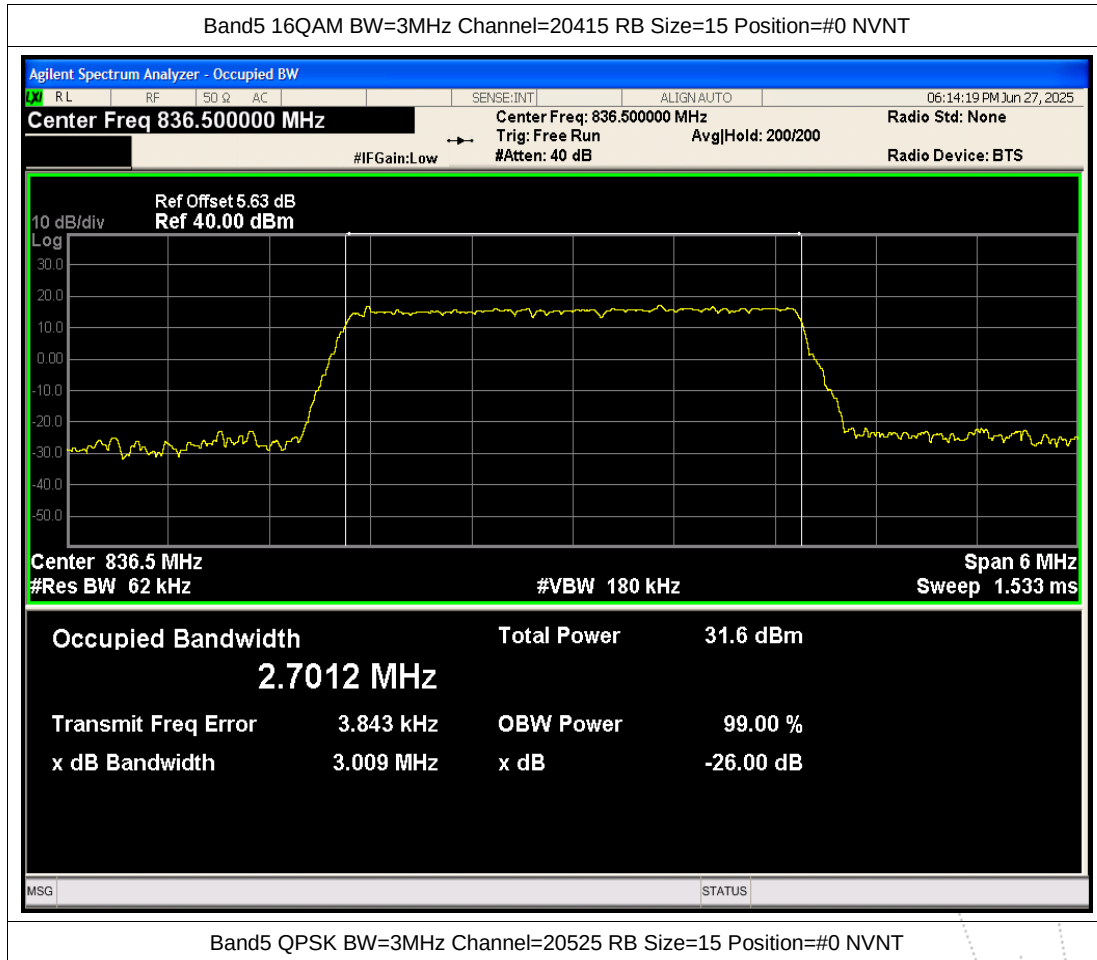


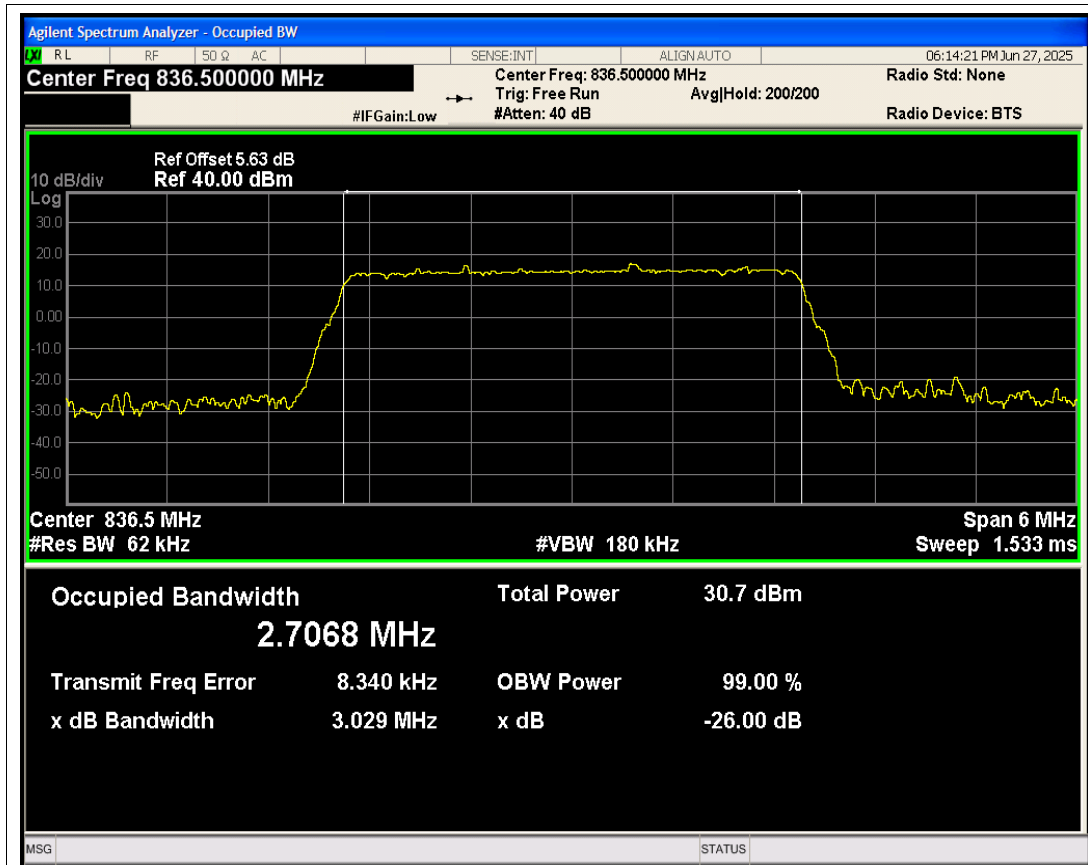




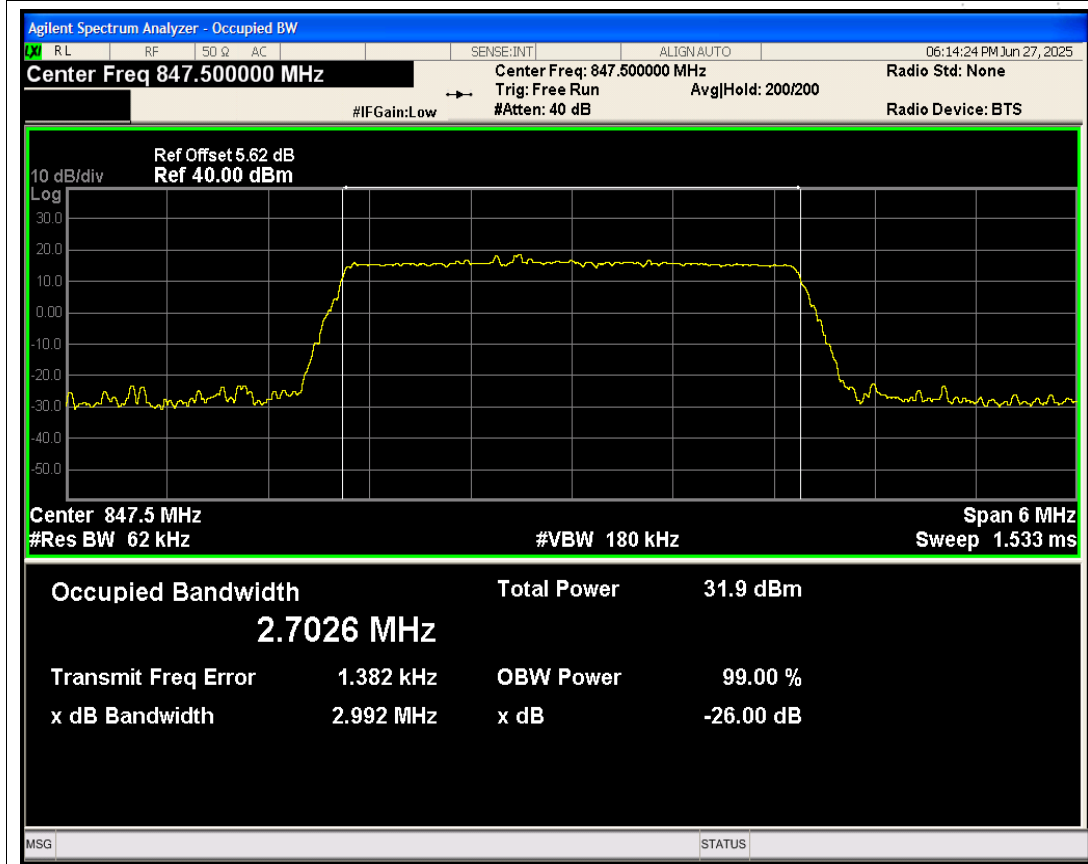
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT

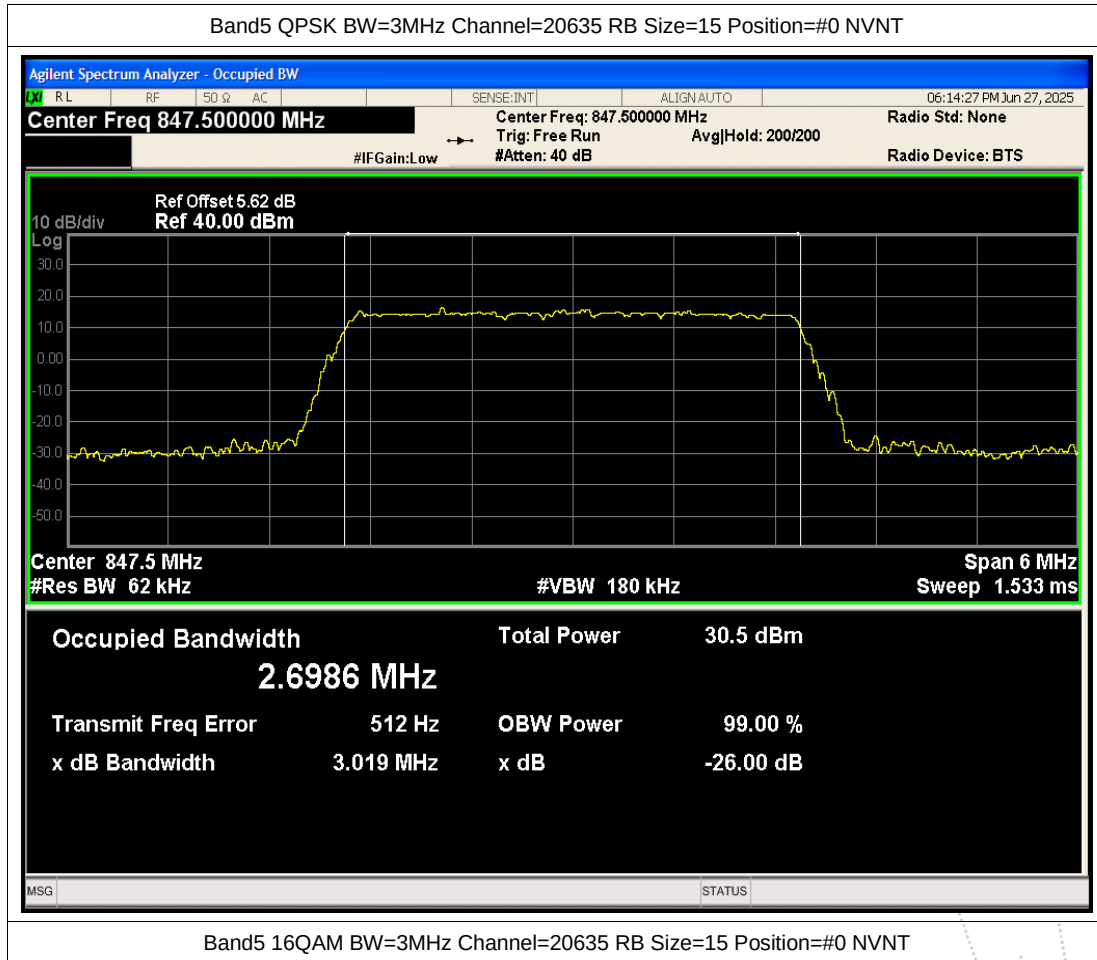


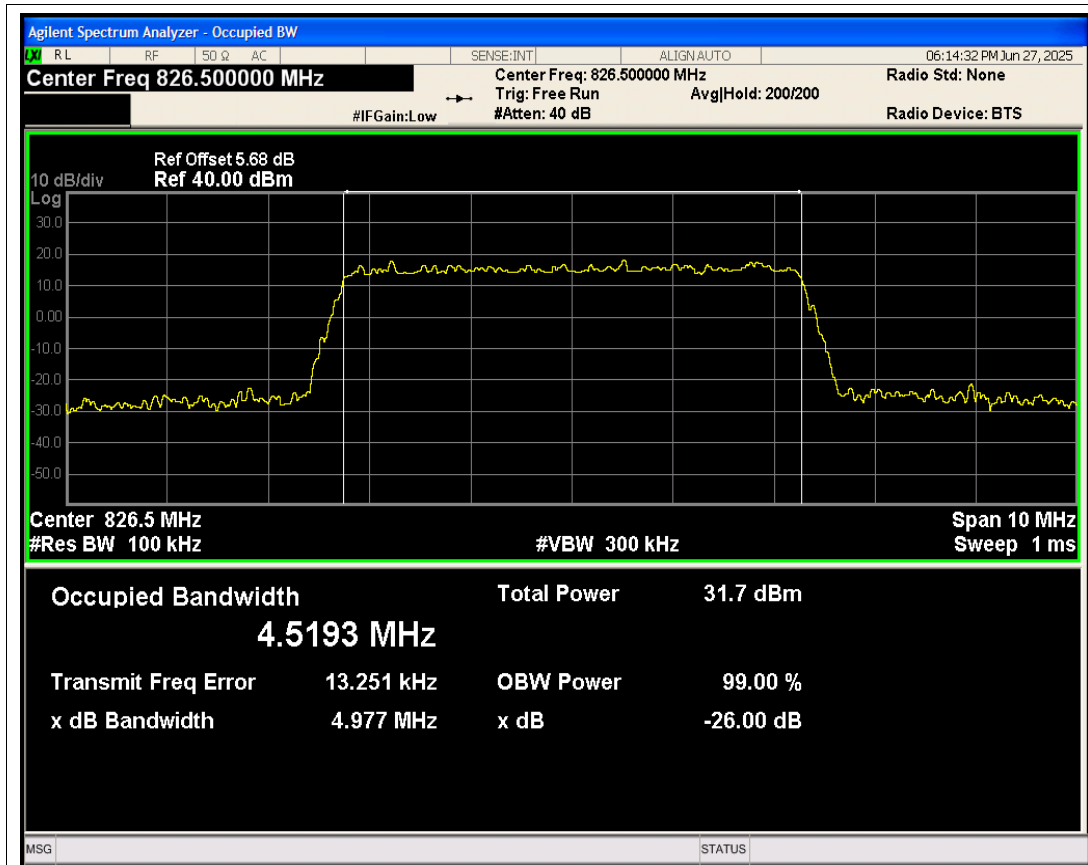




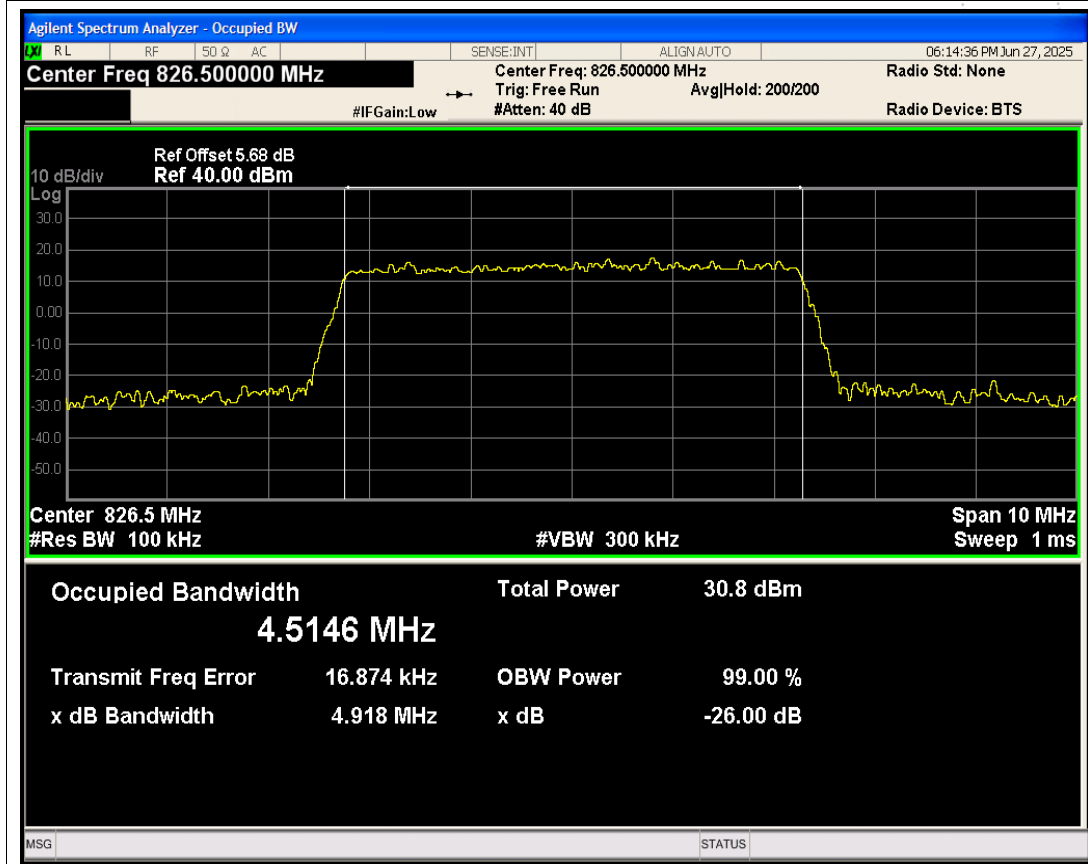
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT

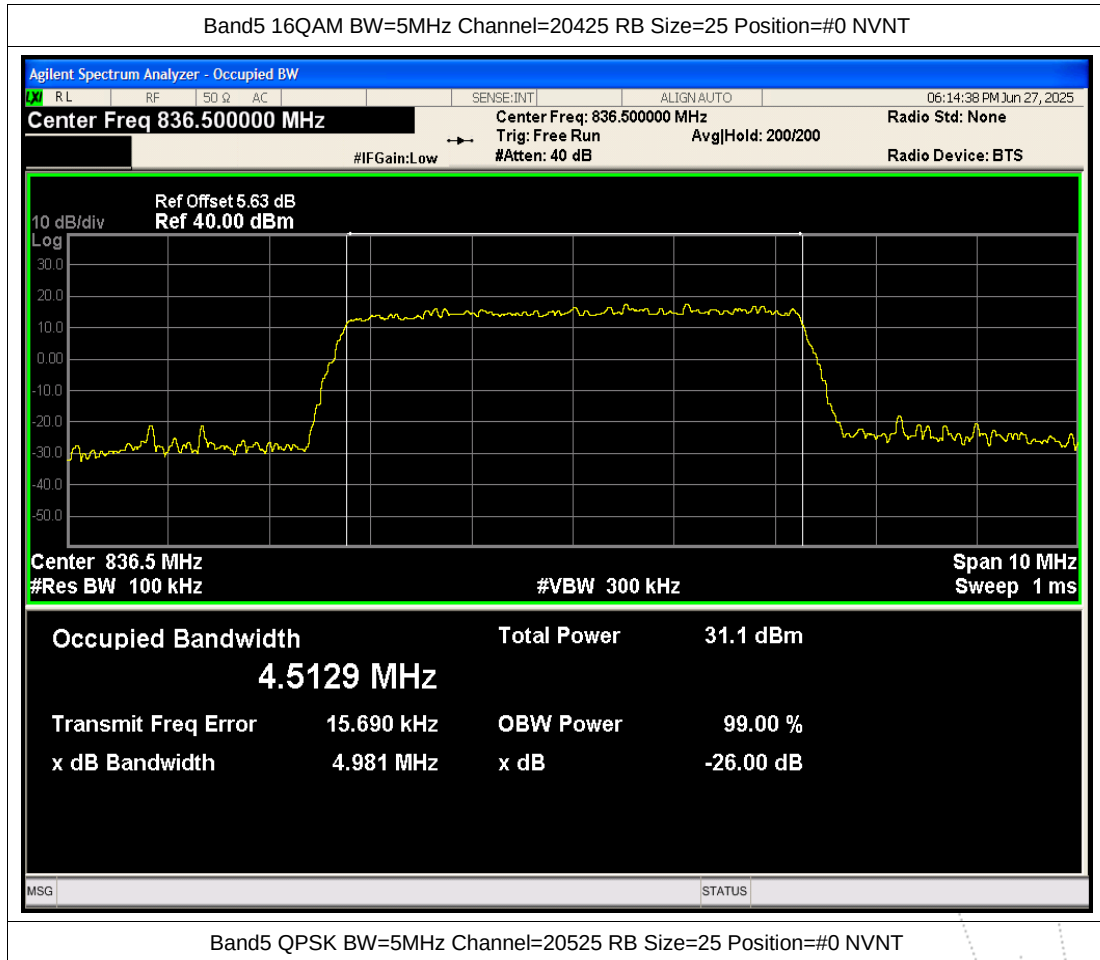


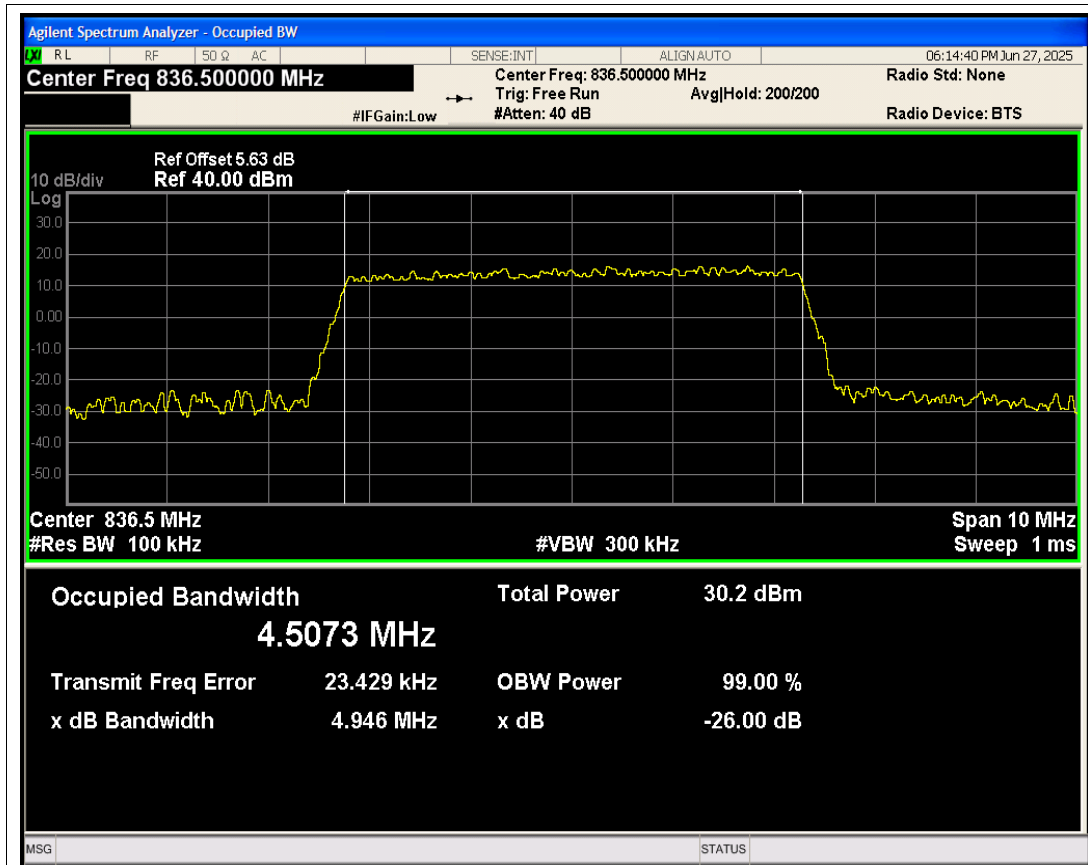




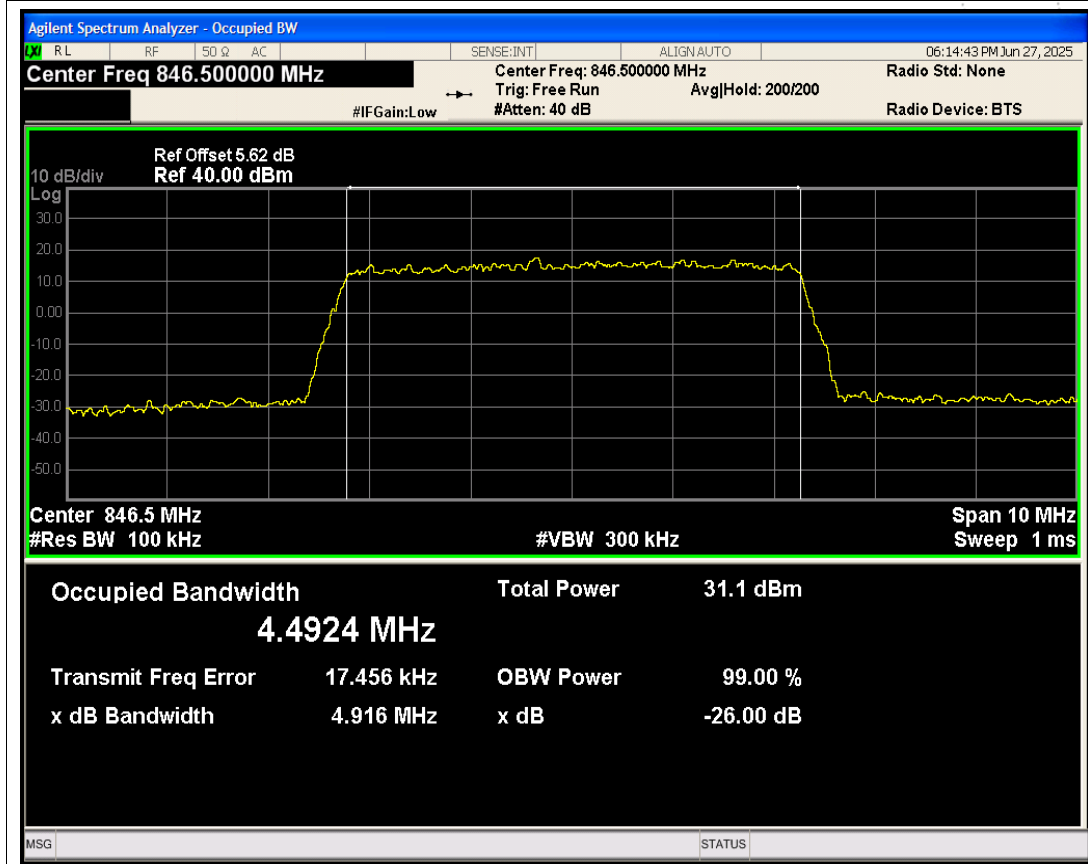
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

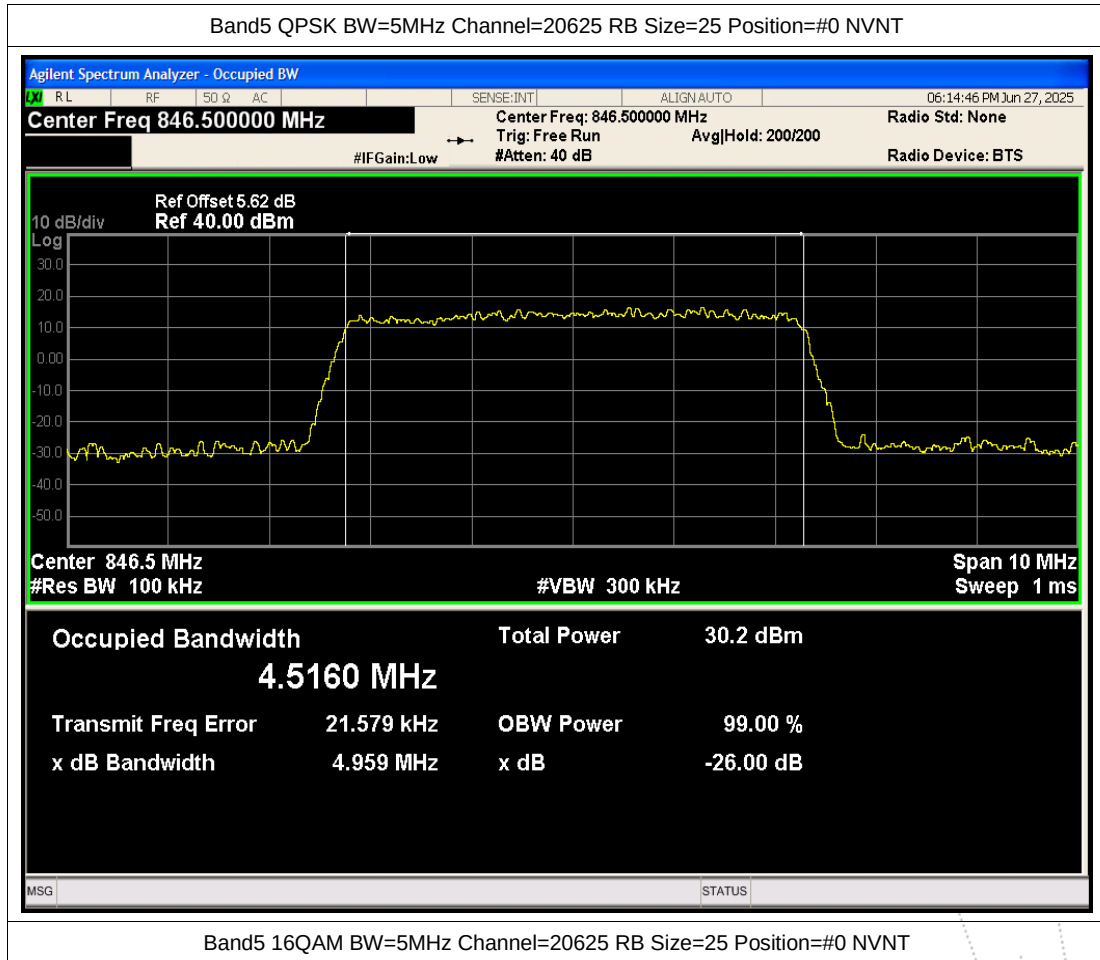


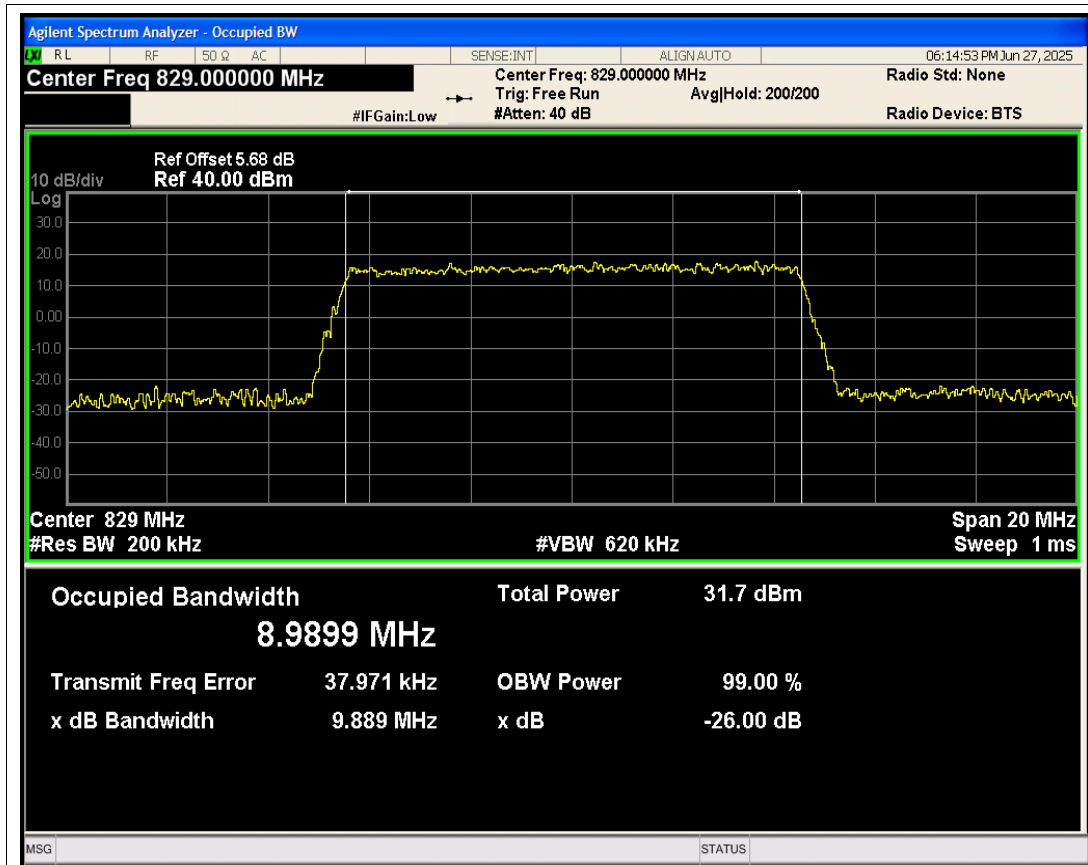




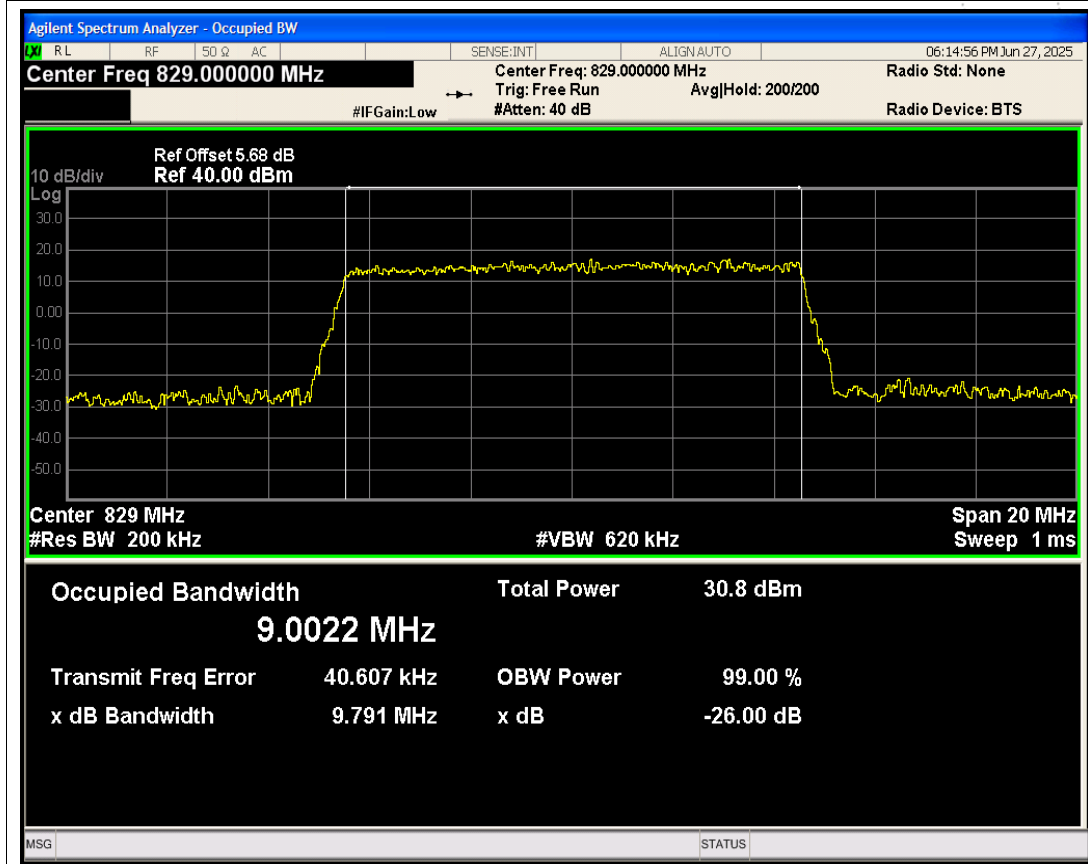
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT

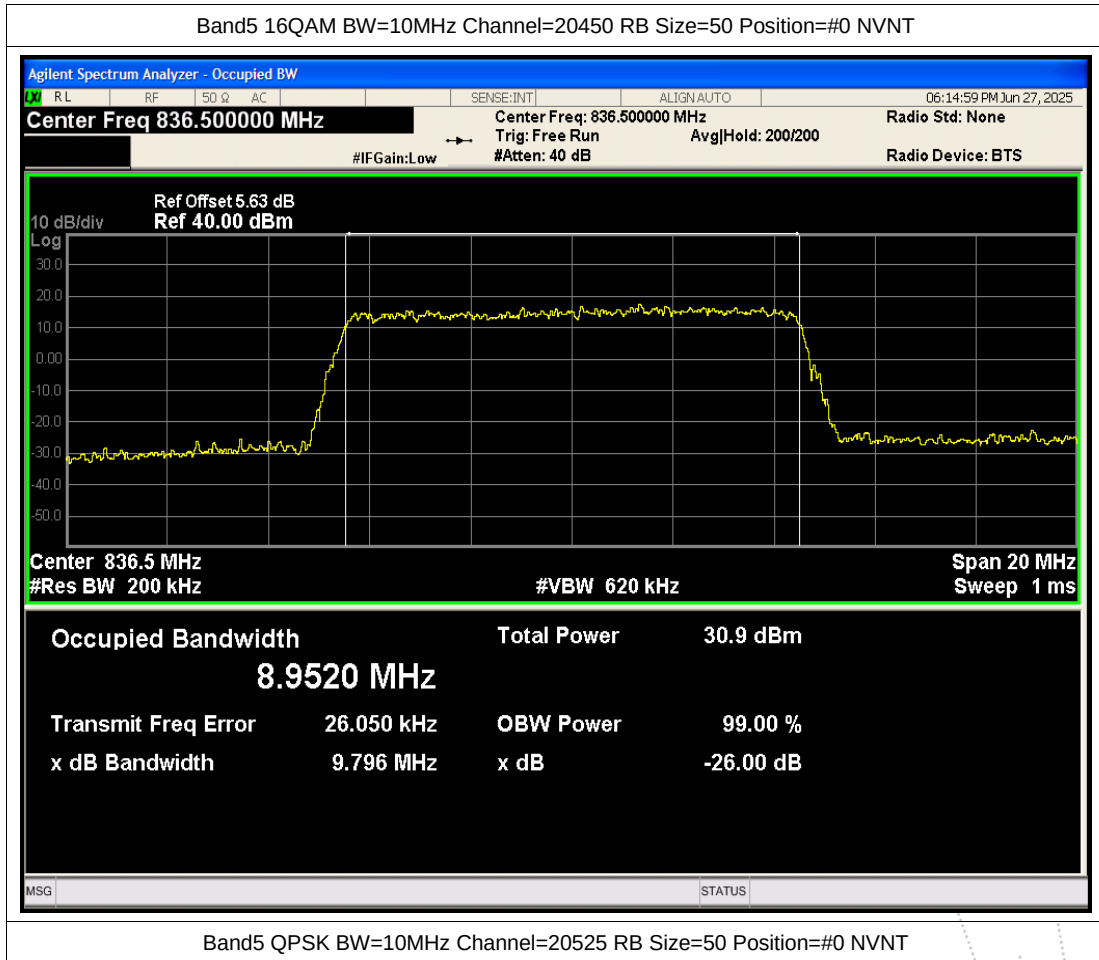


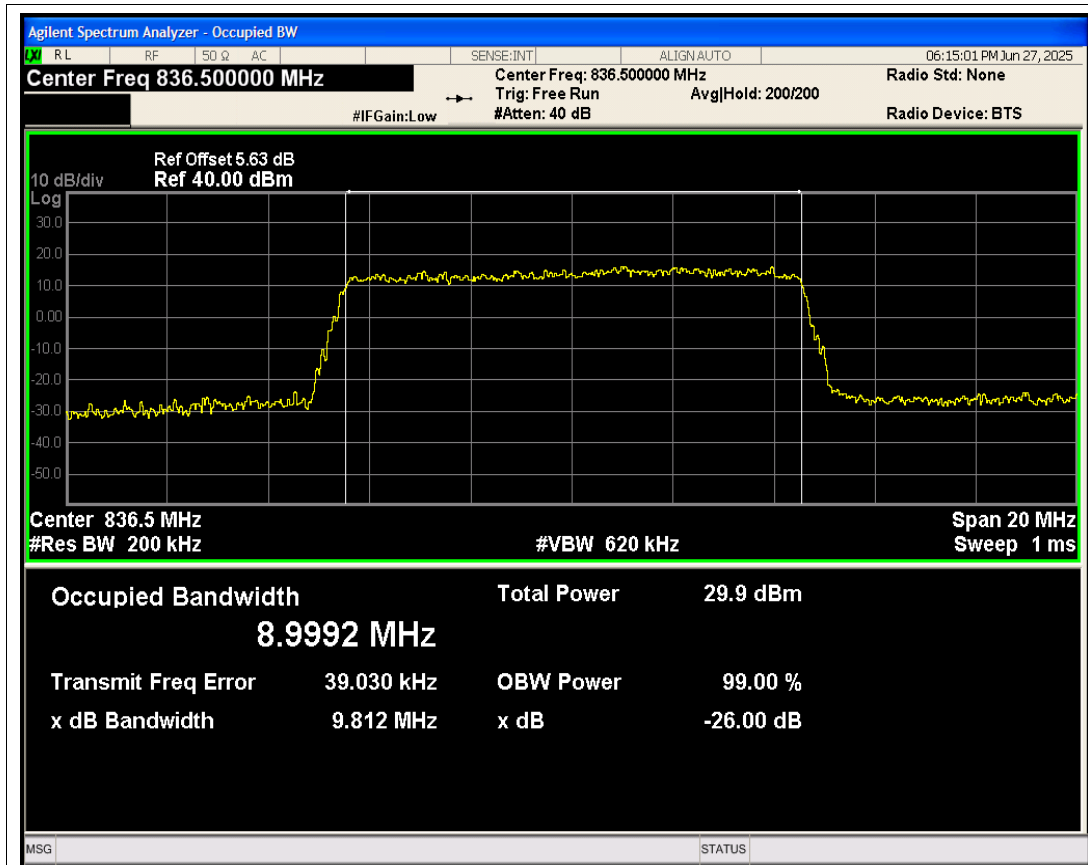




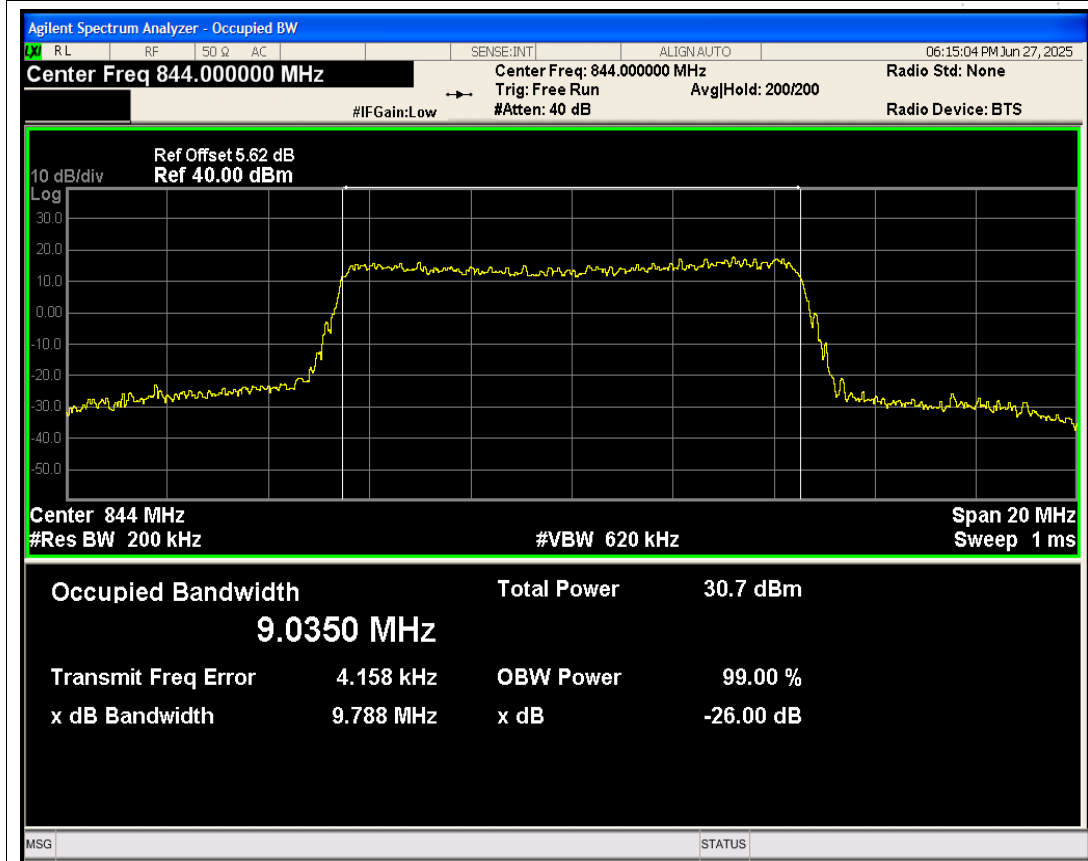
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

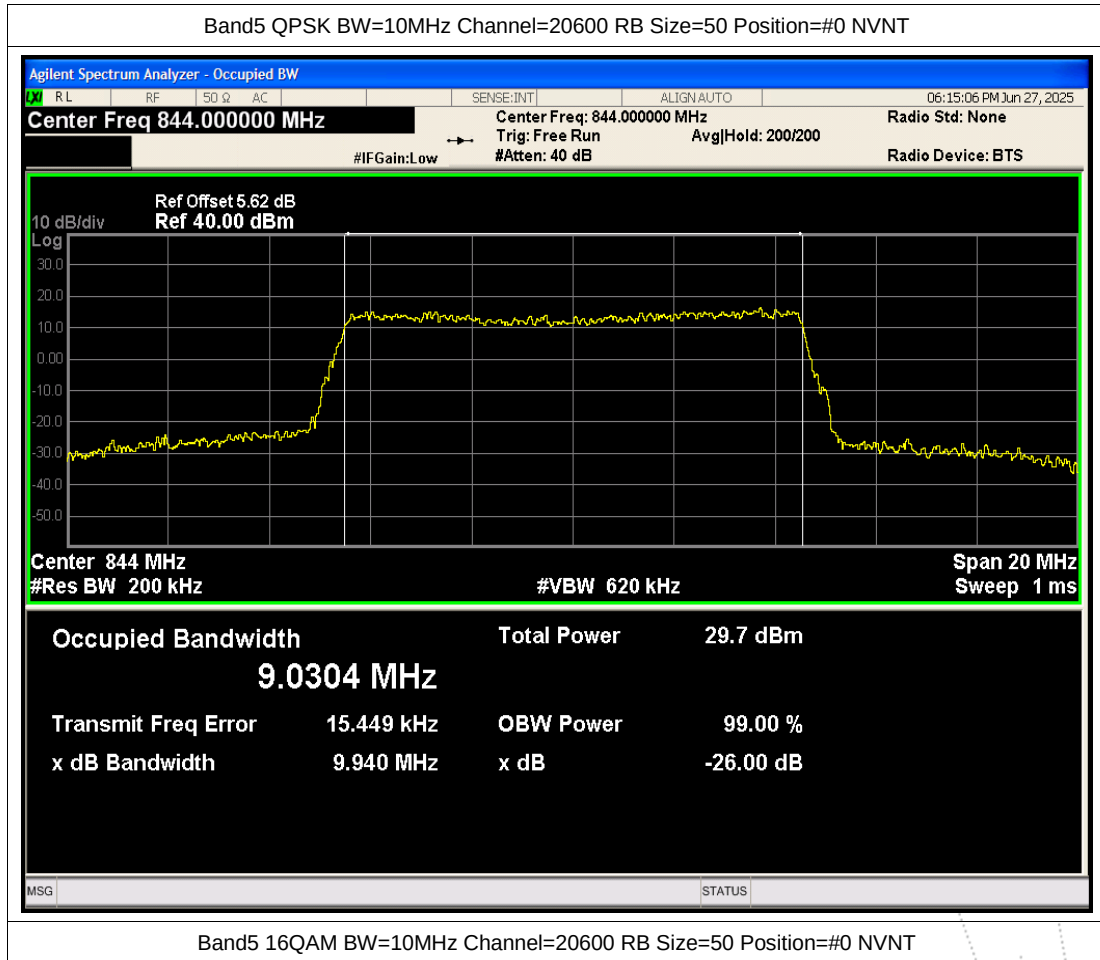






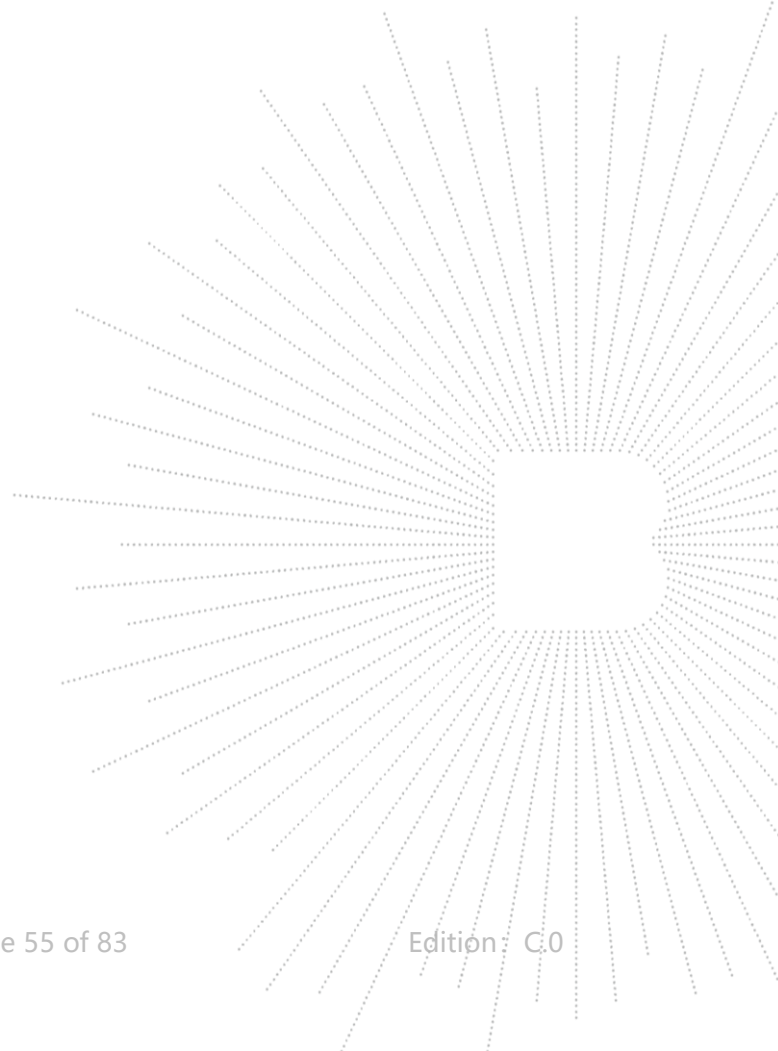
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0 NVNT

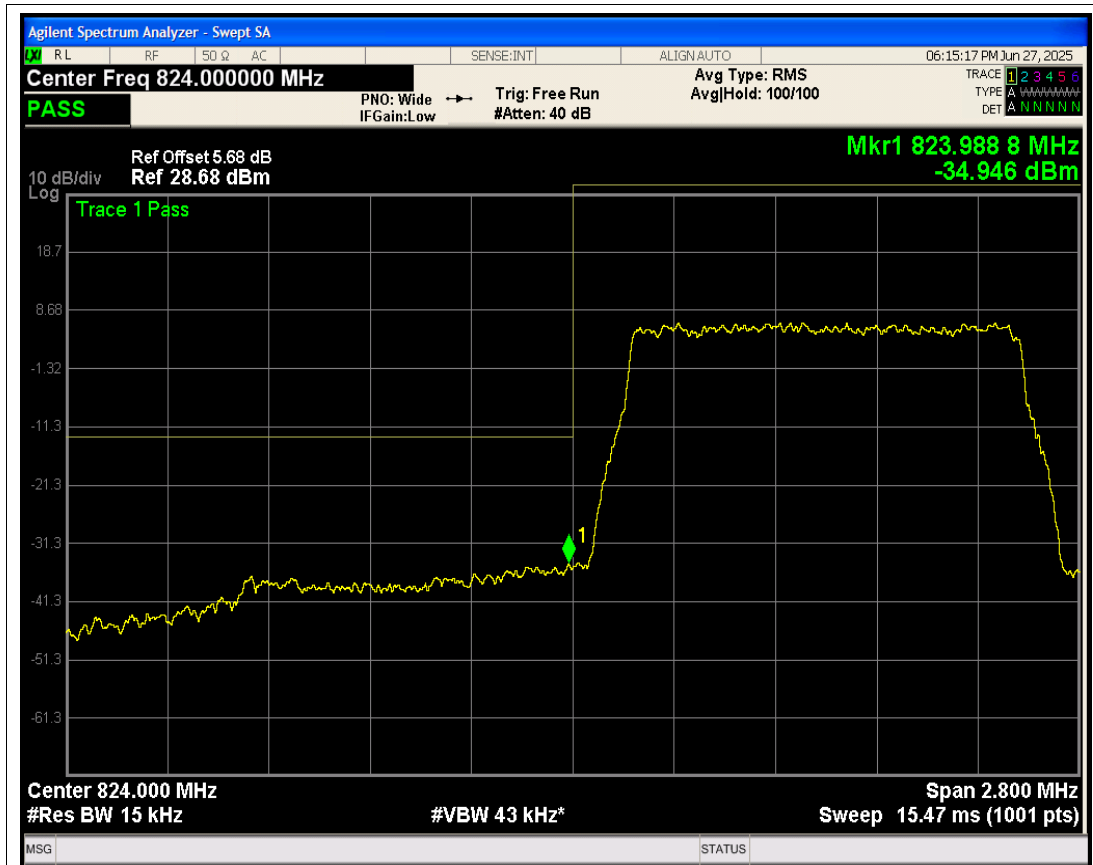




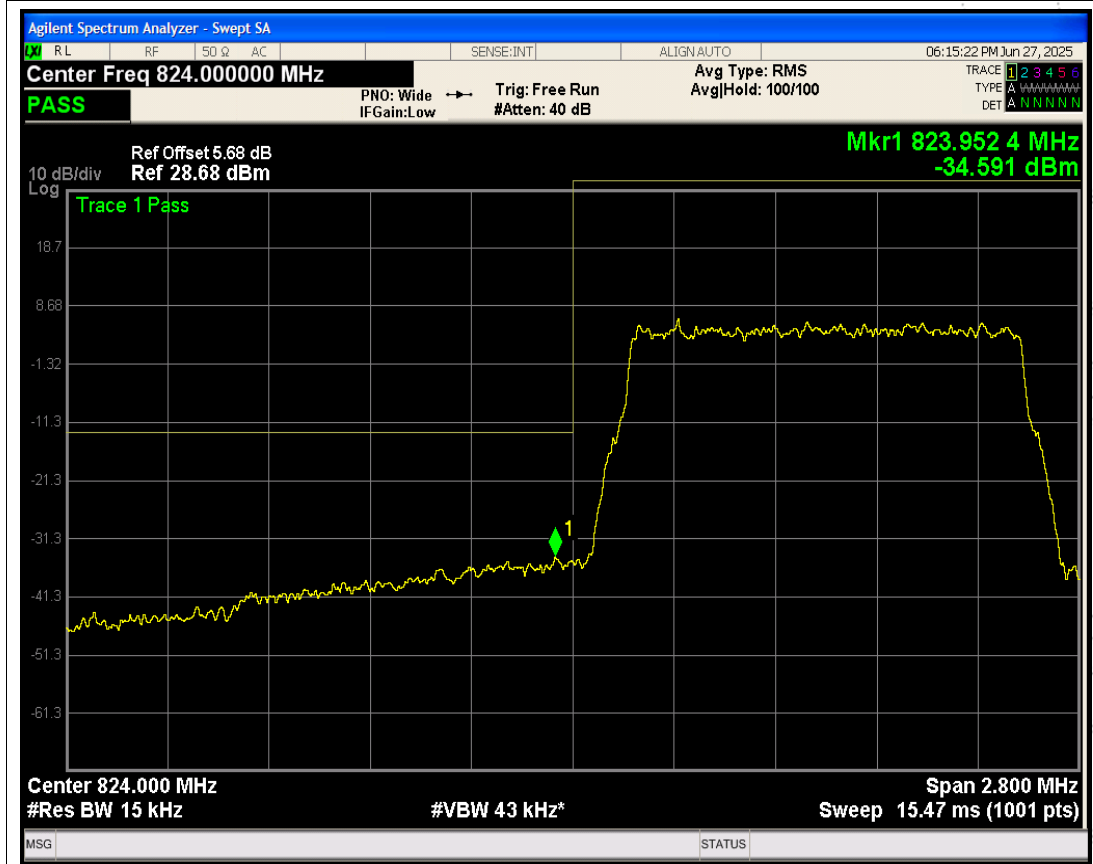
Appendix 5.Band edge

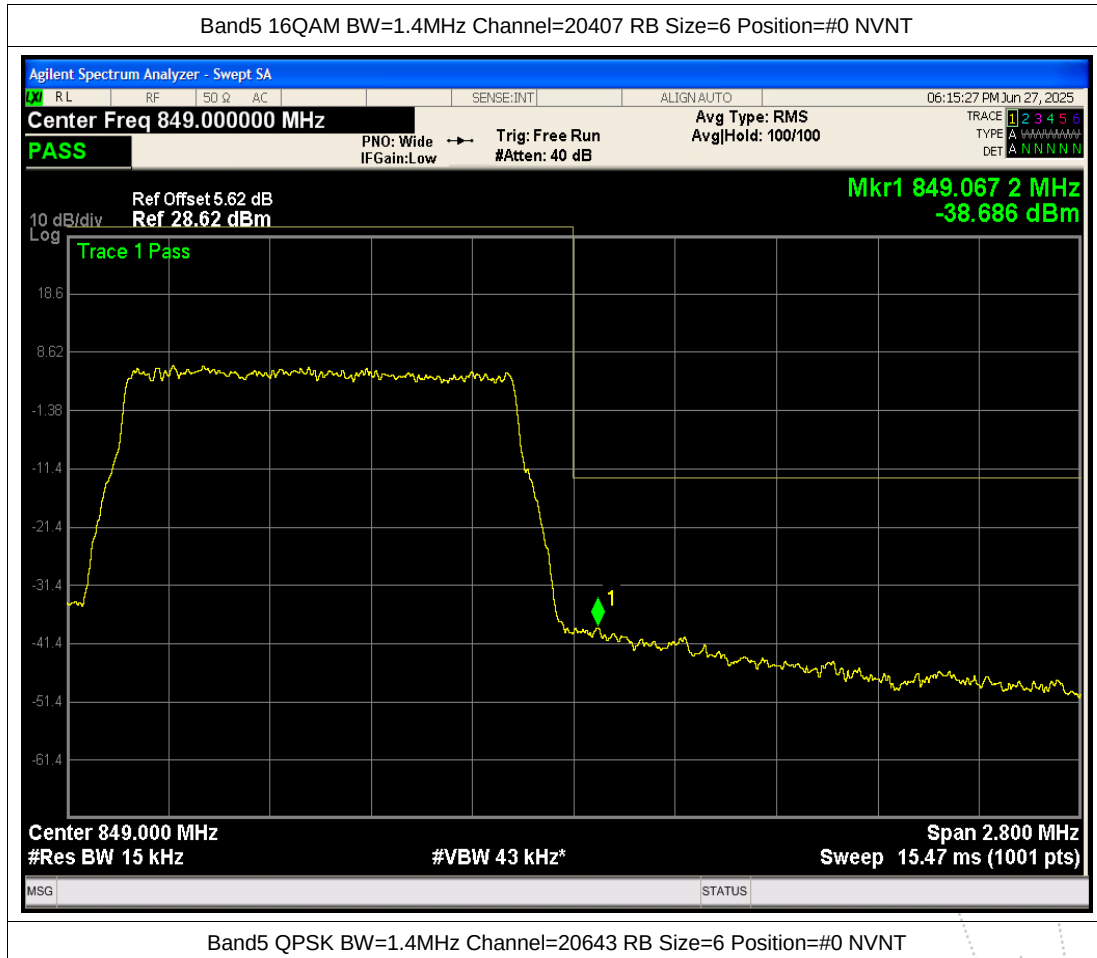
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band5	1.4	20407	6	#0	QPSK	823.99	-34.94	-13	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	823.95	-34.59	-13	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	849.07	-38.68	-13	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	849.07	-38.82	-13	PASS
NVNT	Band5	3	20415	15	#0	QPSK	824.00	-23.66	-13	PASS
NVNT	Band5	3	20415	15	#0	16QAM	823.99	-23.92	-13	PASS
NVNT	Band5	3	20635	15	#0	QPSK	849.00	-26.93	-13	PASS
NVNT	Band5	3	20635	15	#0	16QAM	849.00	-26.46	-13	PASS
NVNT	Band5	5	20425	25	#0	QPSK	823.98	-30.42	-13	PASS
NVNT	Band5	5	20425	25	#0	16QAM	824.00	-30.03	-13	PASS
NVNT	Band5	5	20625	25	#0	QPSK	849.00	-31.77	-13	PASS
NVNT	Band5	5	20625	25	#0	16QAM	849.00	-31.18	-13	PASS
NVNT	Band5	10	20450	50	#0	QPSK	824.00	-35.00	-13	PASS
NVNT	Band5	10	20450	50	#0	16QAM	824.00	-35.74	-13	PASS
NVNT	Band5	10	20600	50	#0	QPSK	849.00	-33.78	-13	PASS
NVNT	Band5	10	20600	50	#0	16QAM	849.02	-33.08	-13	PASS



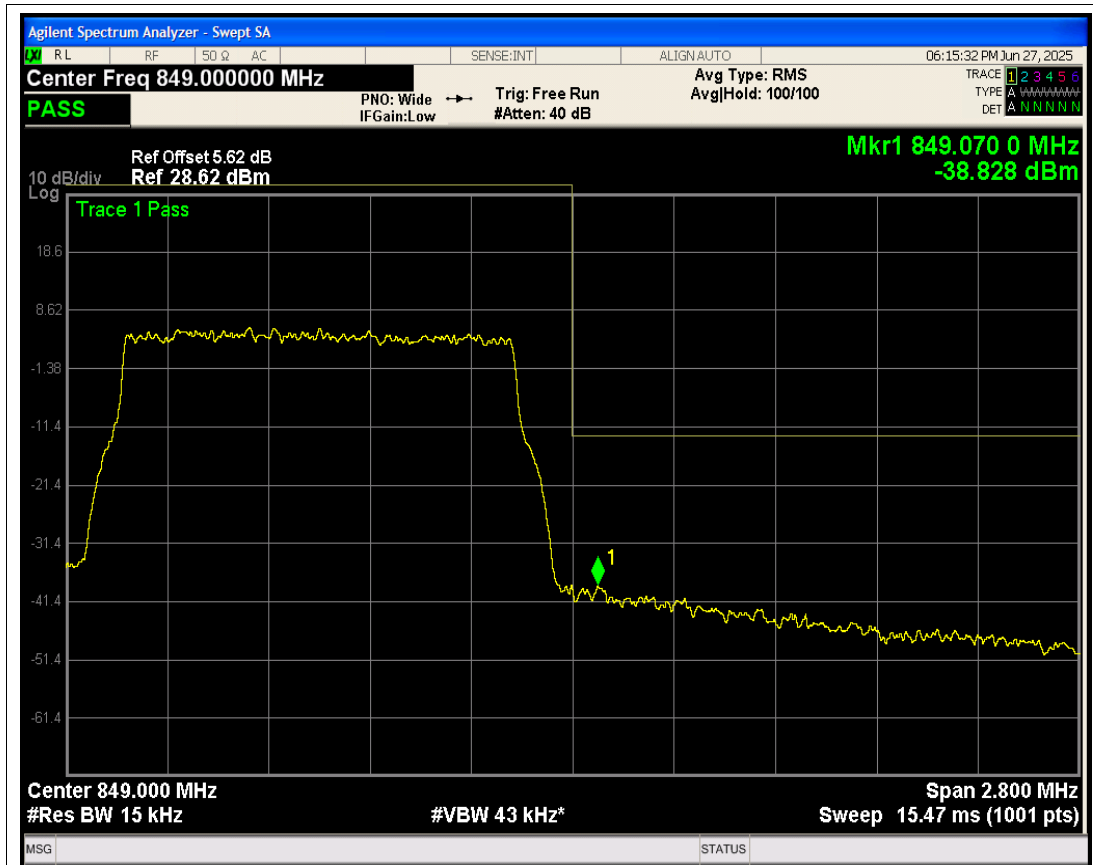


Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT

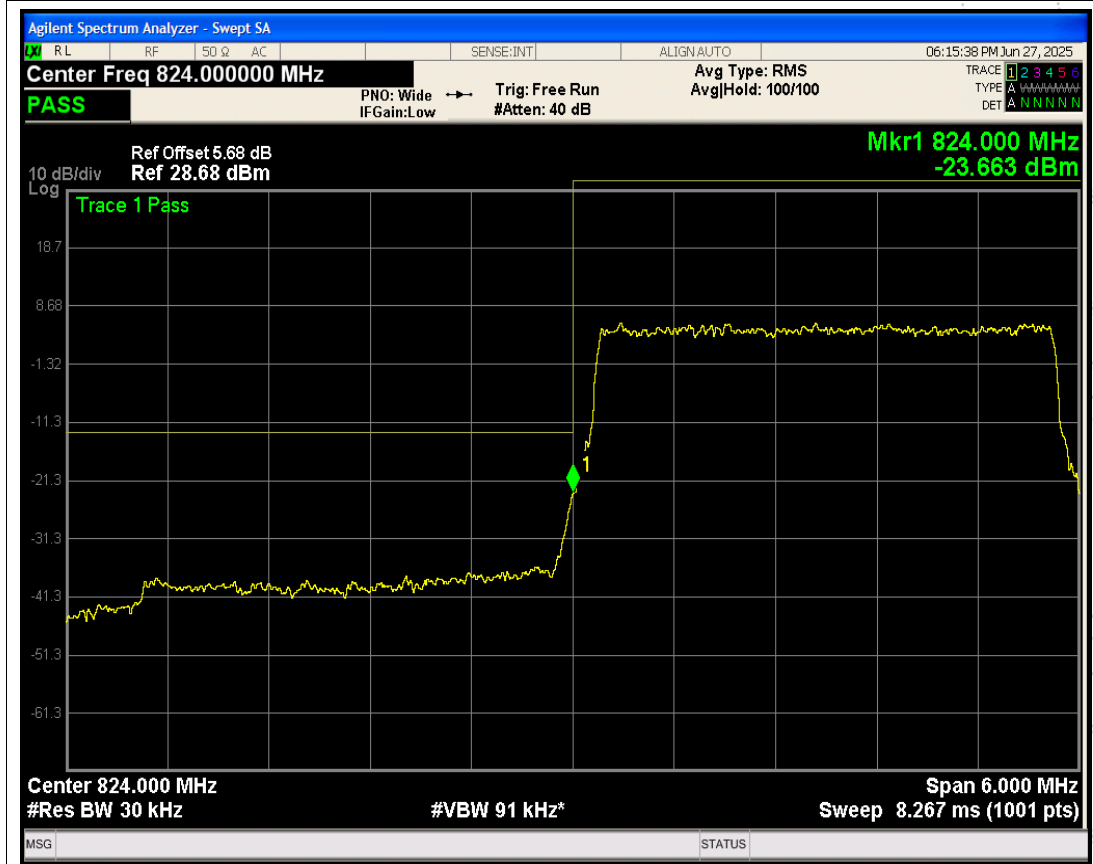


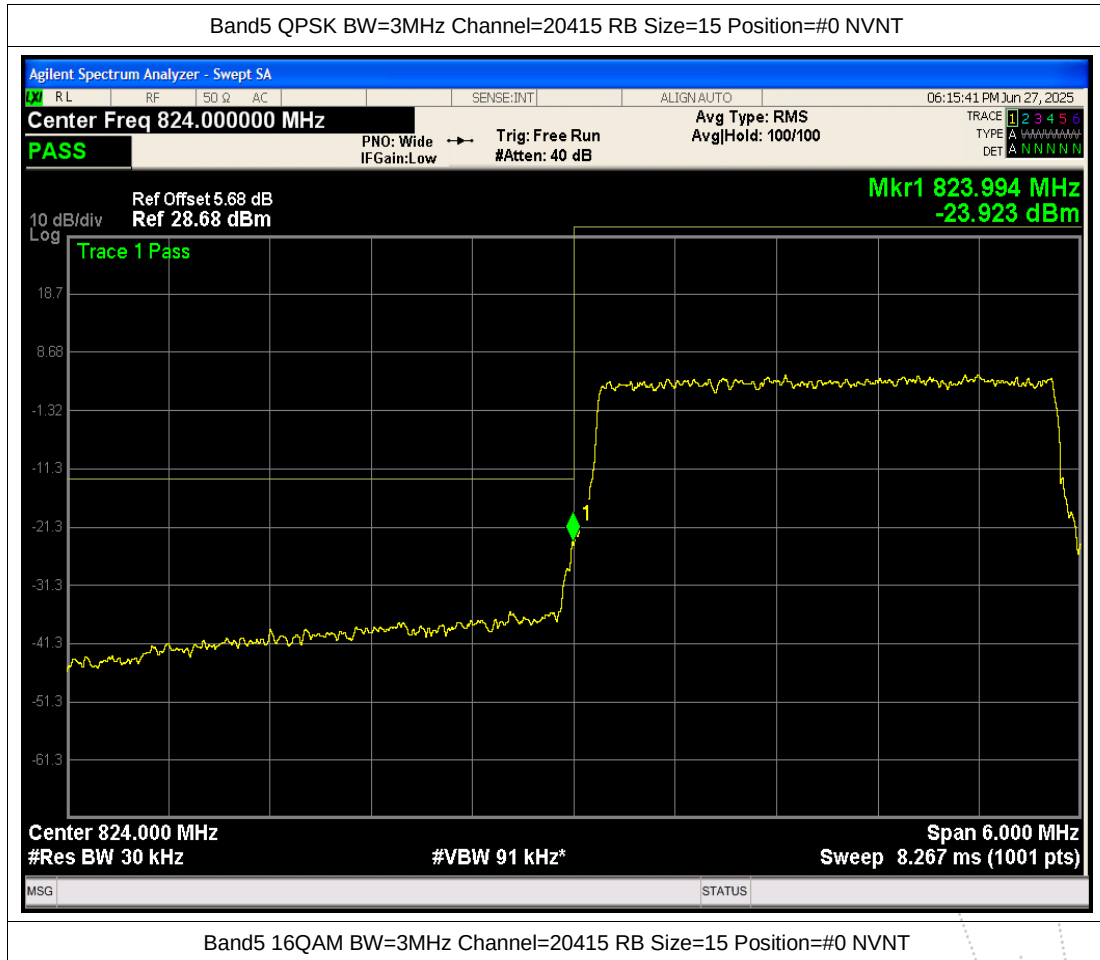


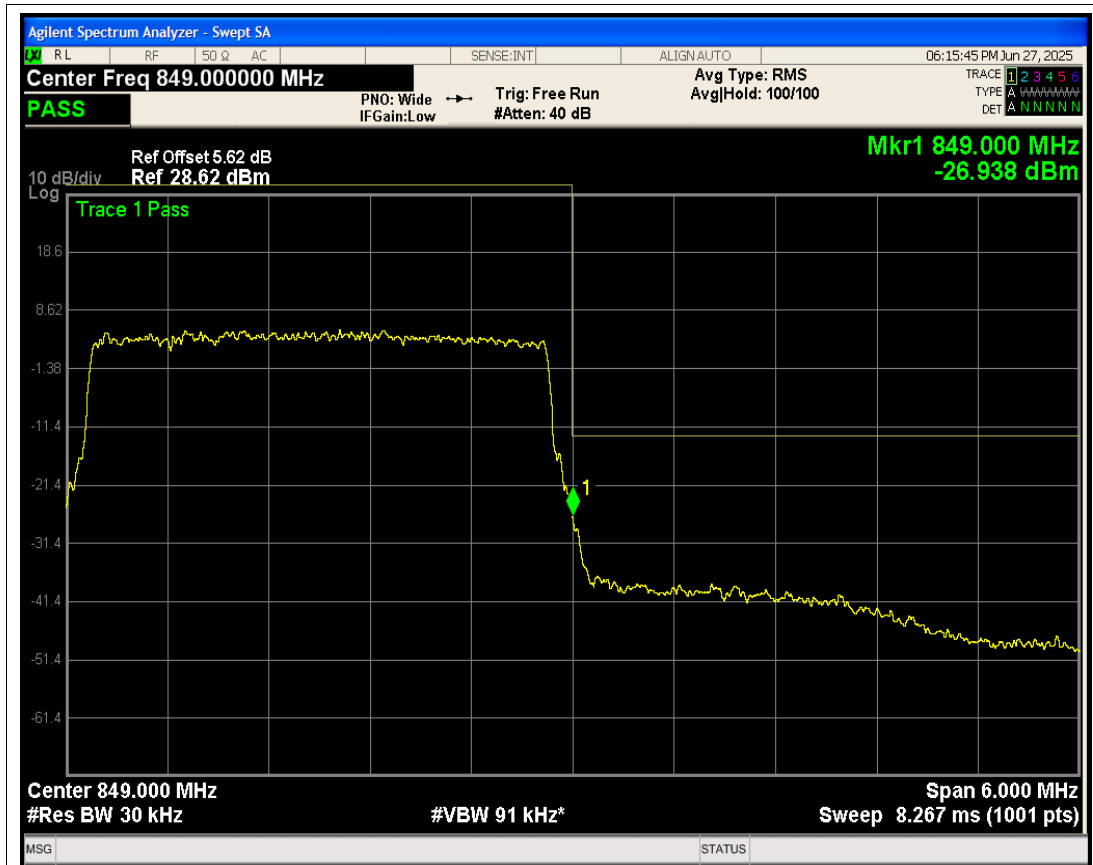
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT



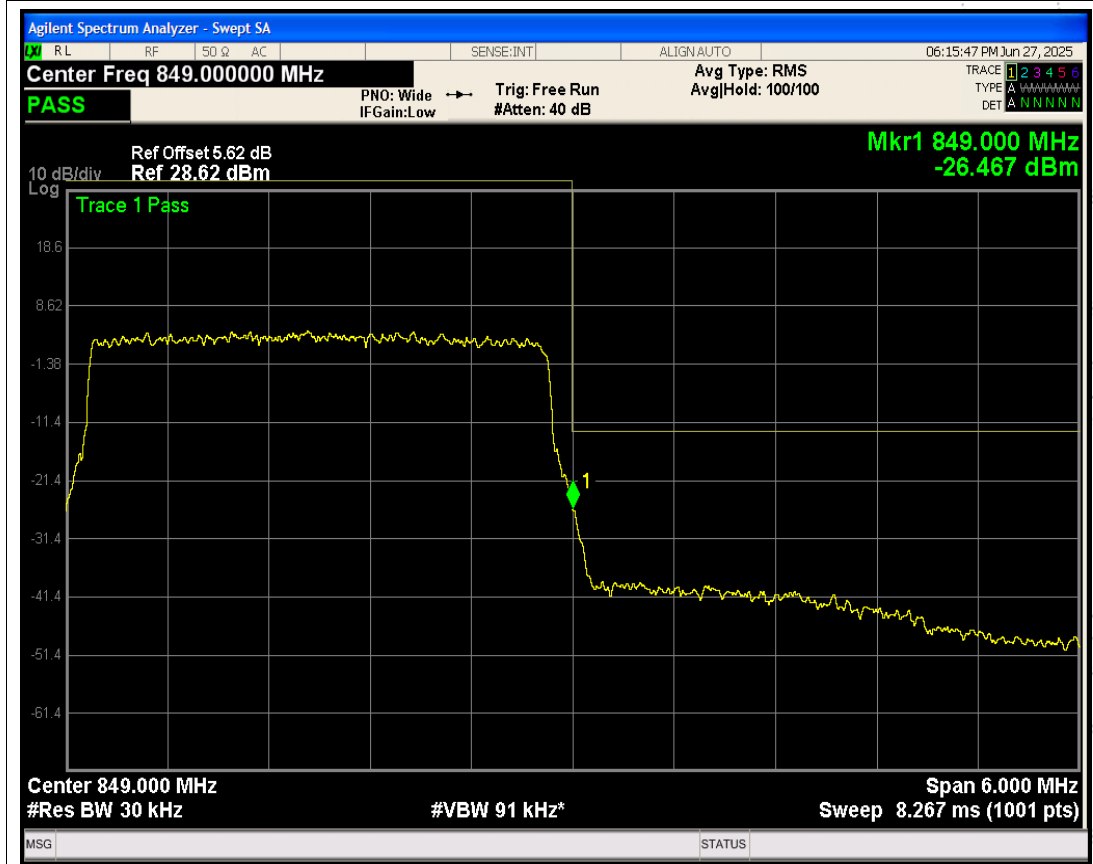
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT

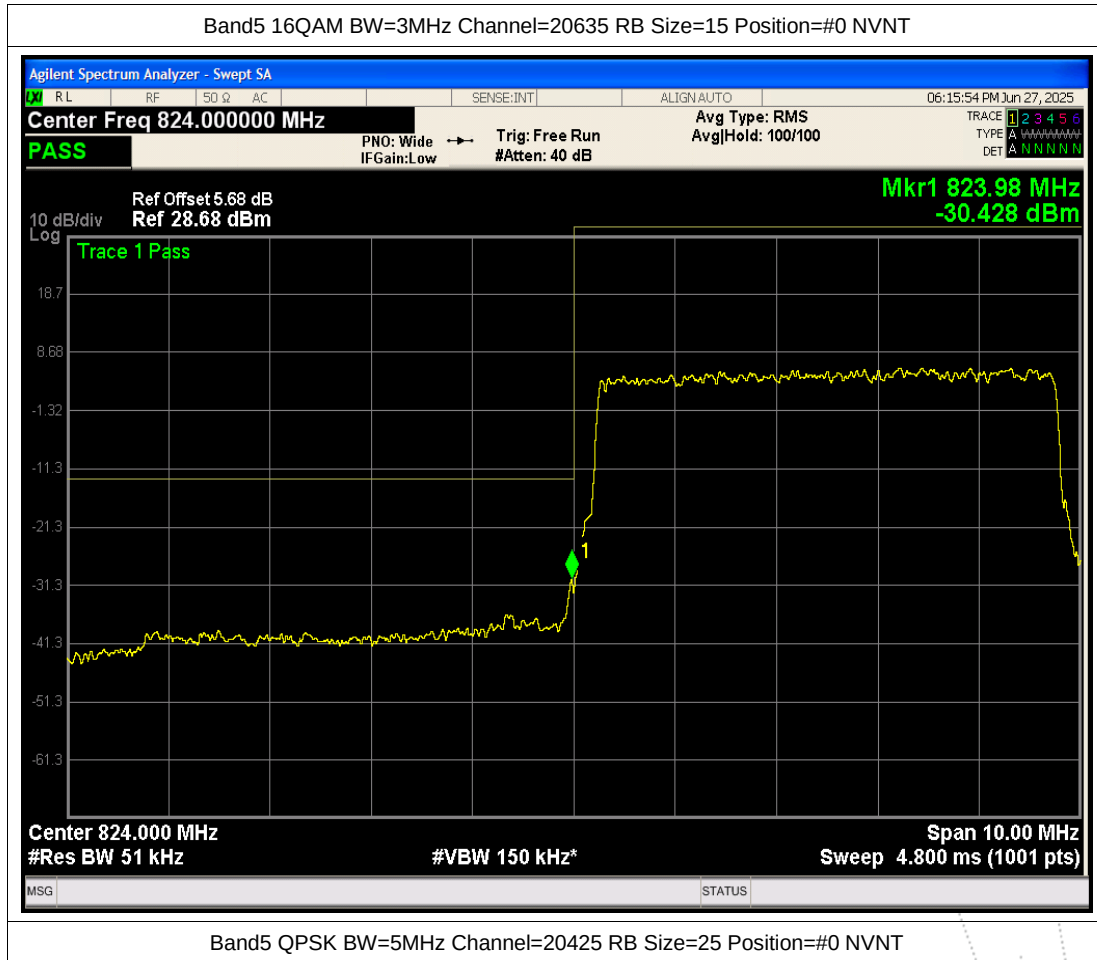


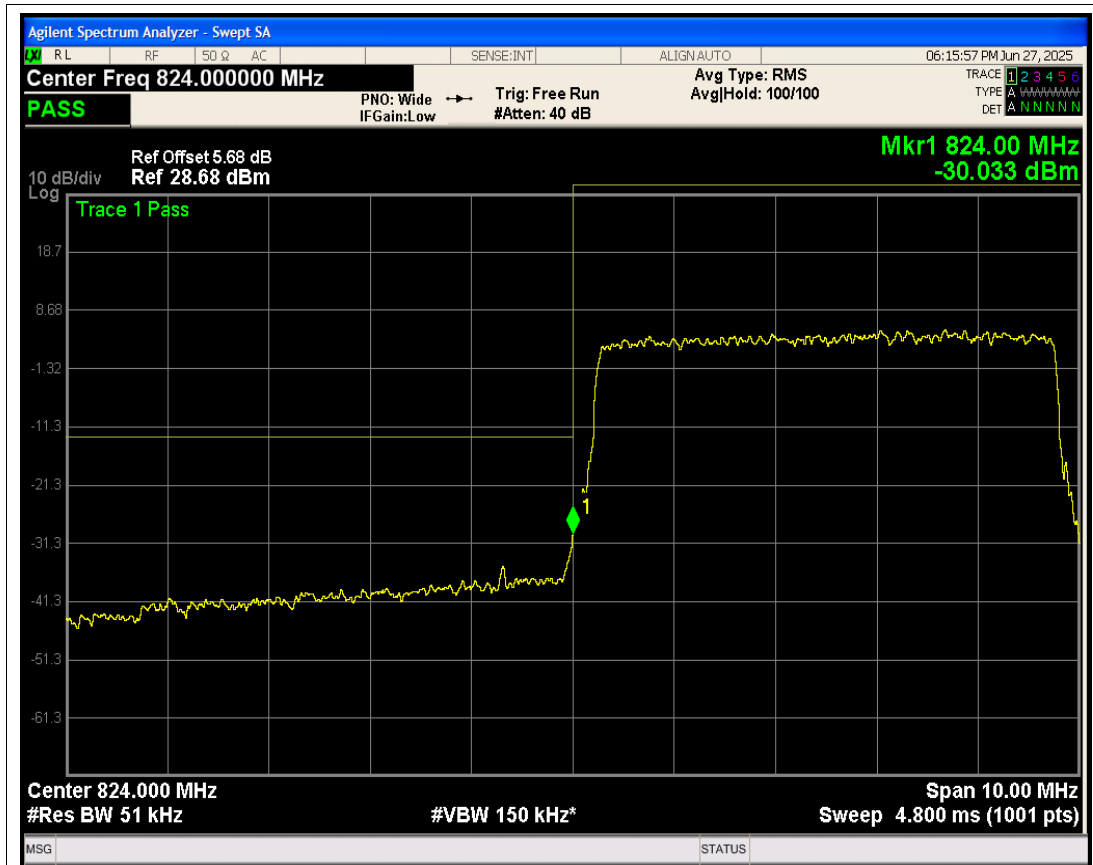




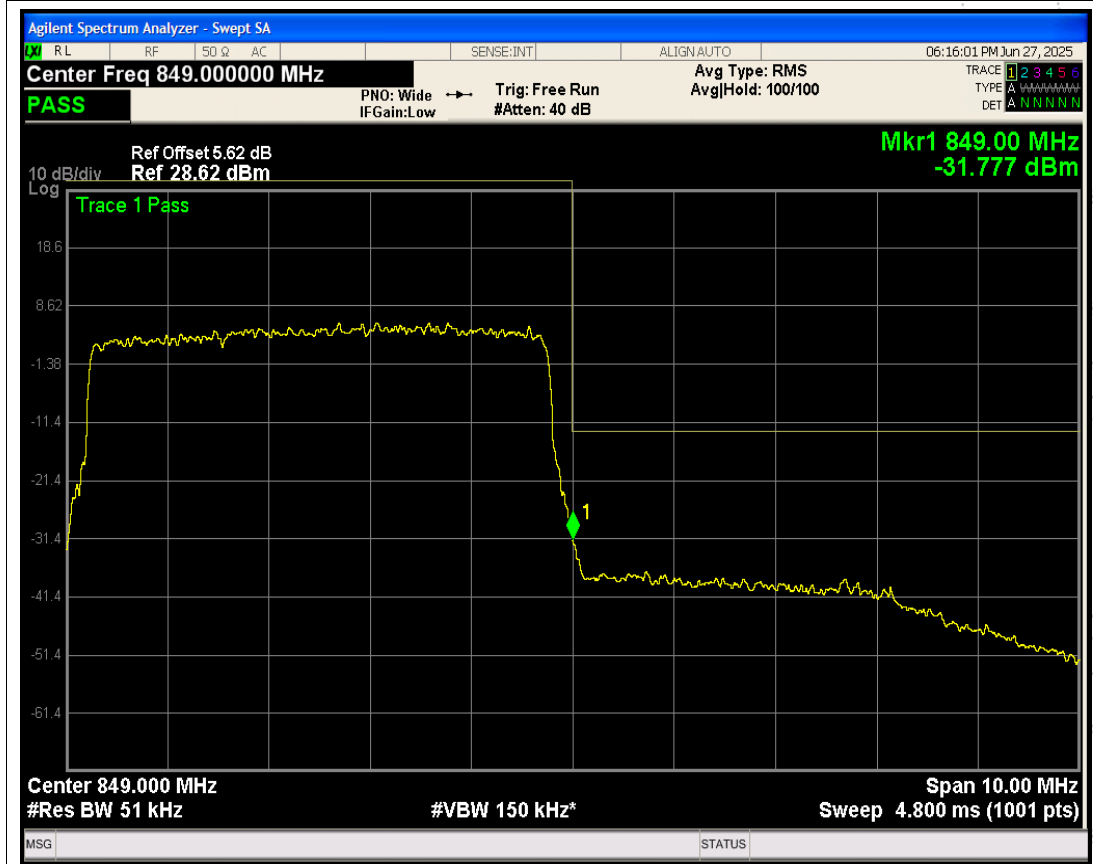
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT

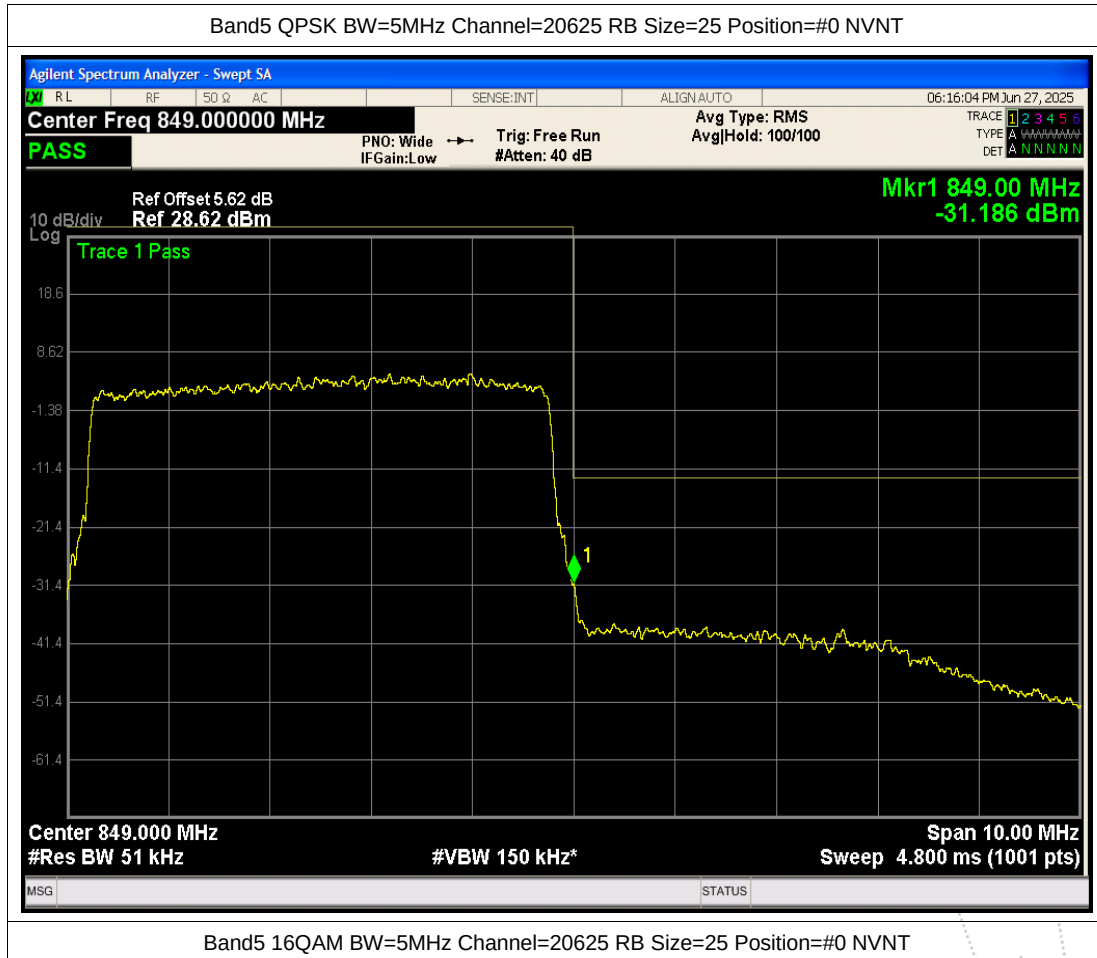


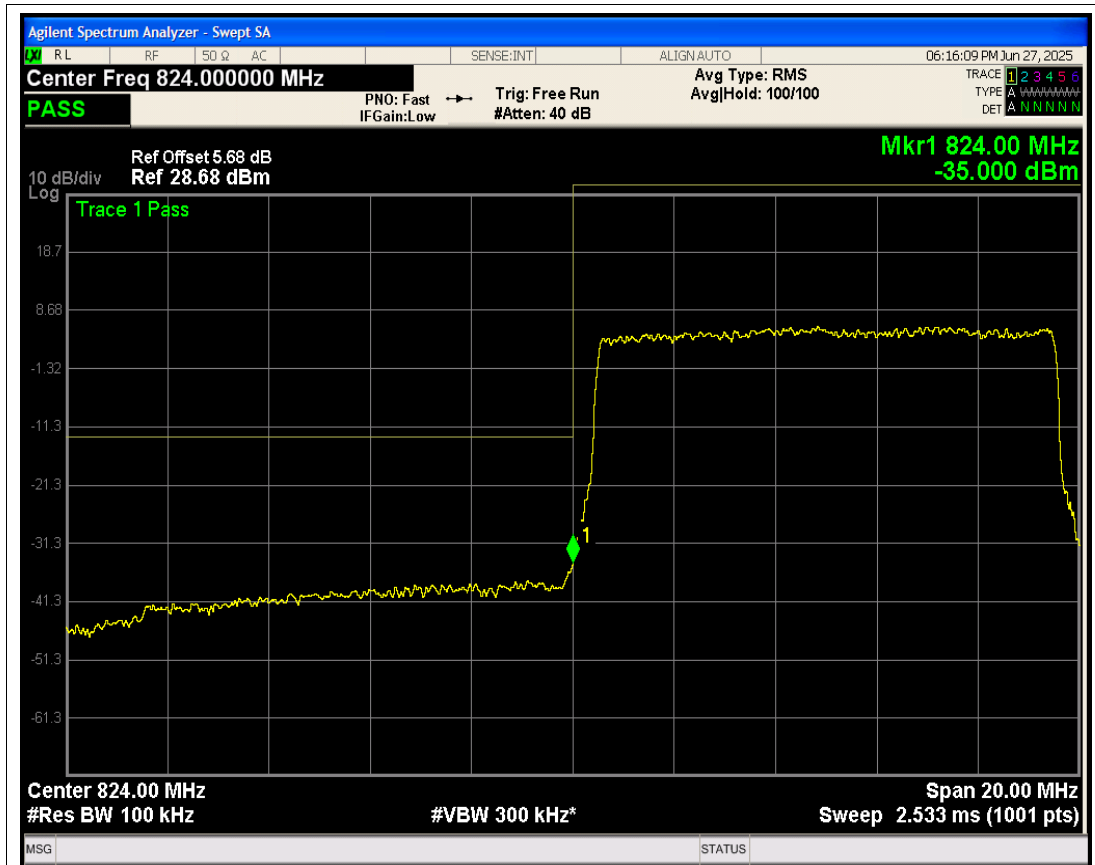




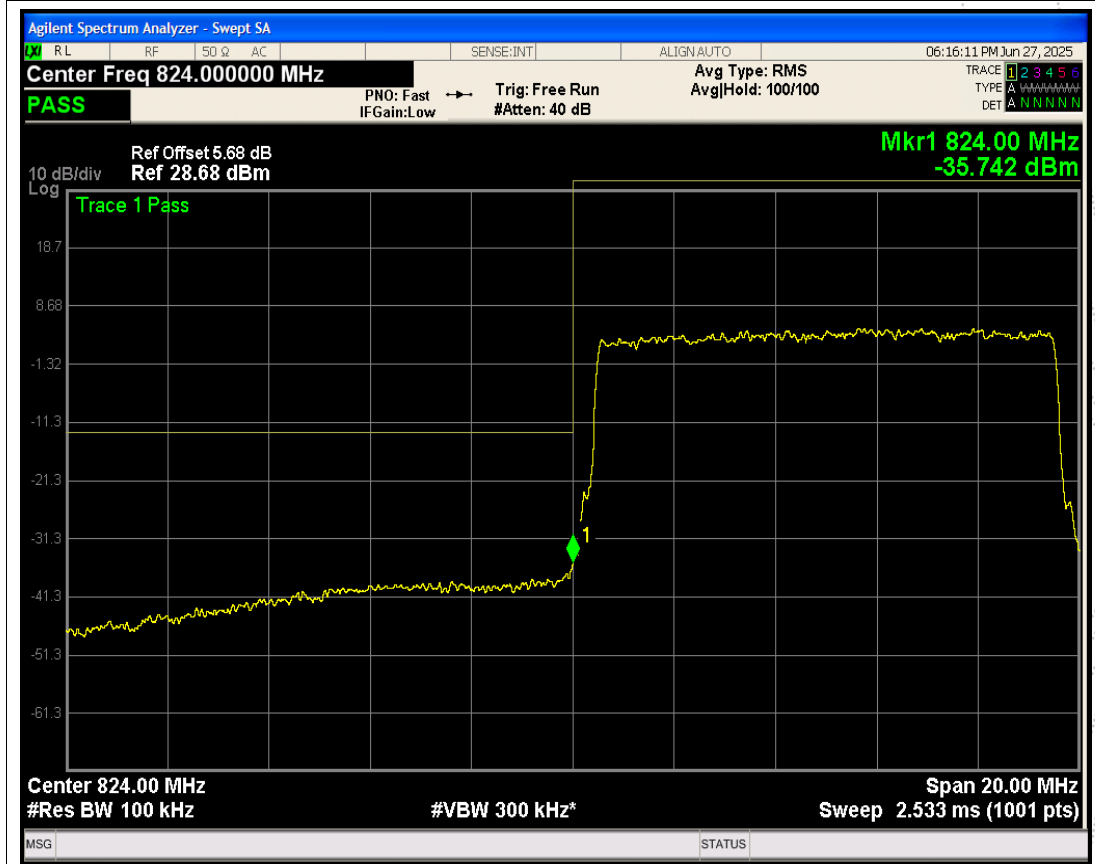
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

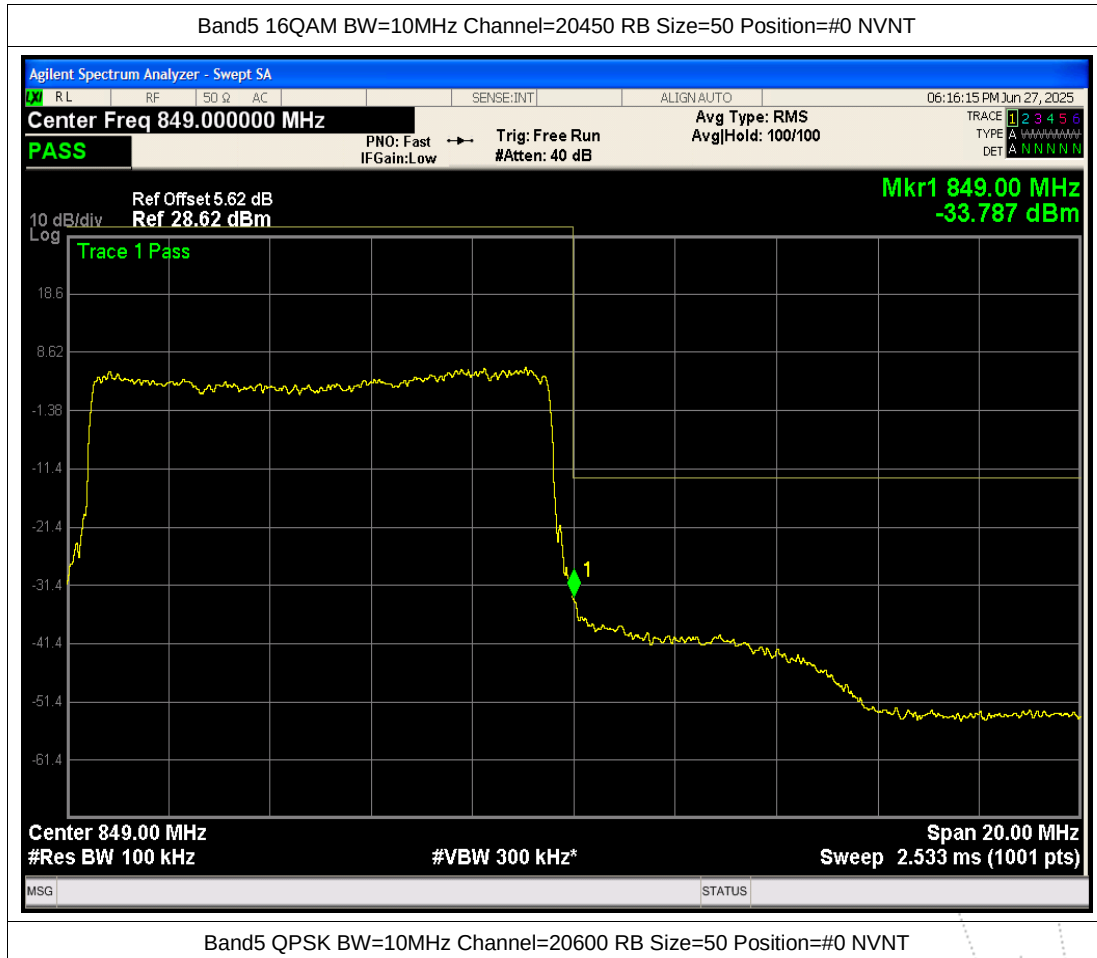


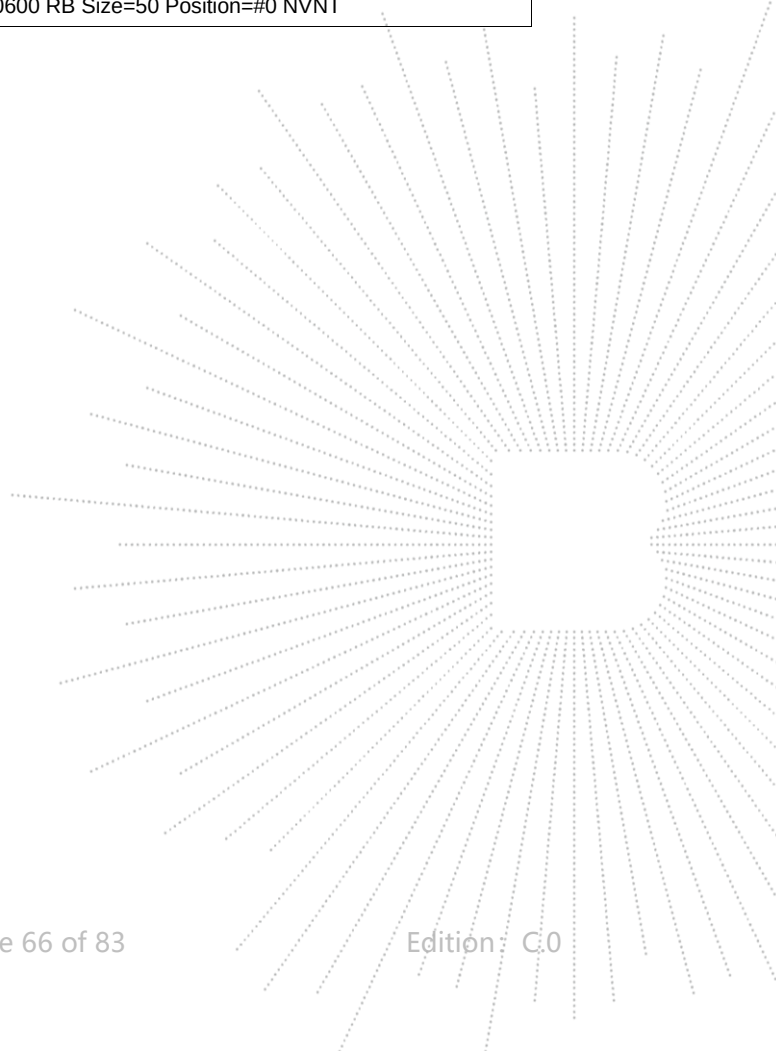
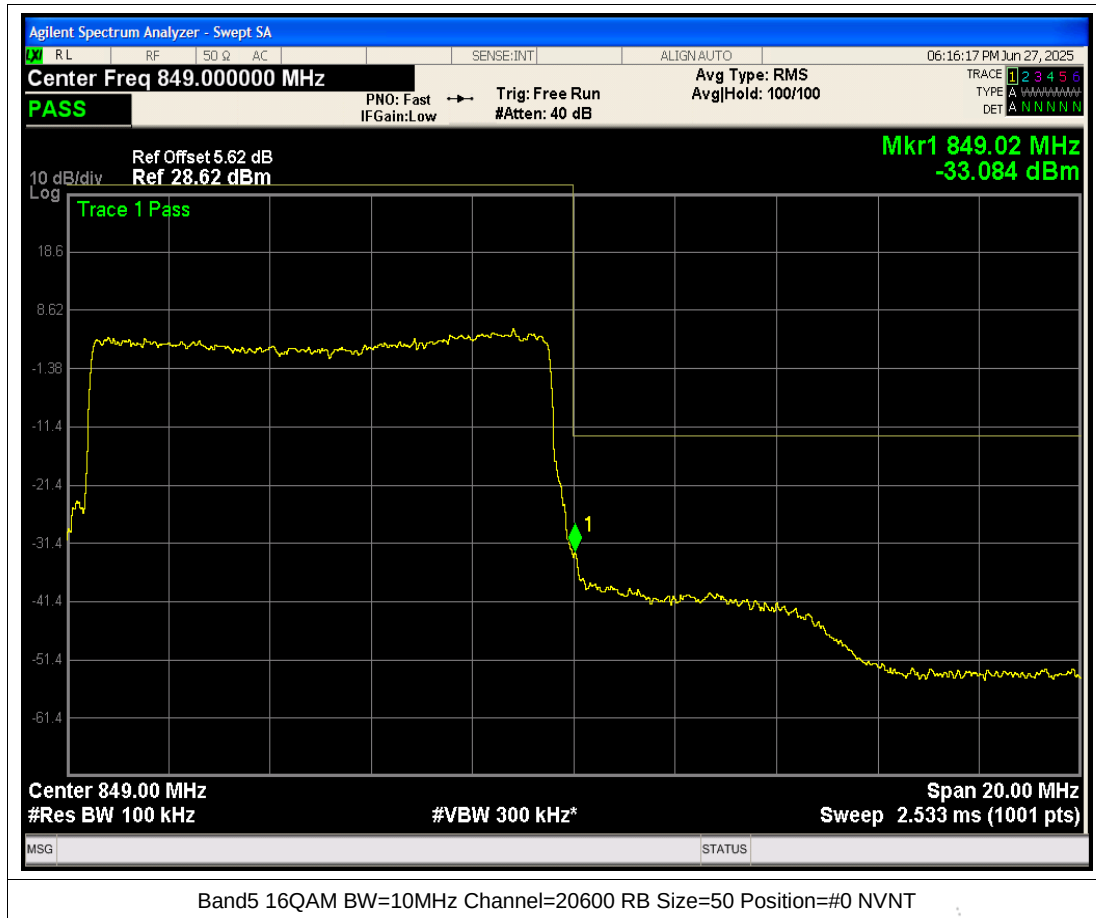




Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

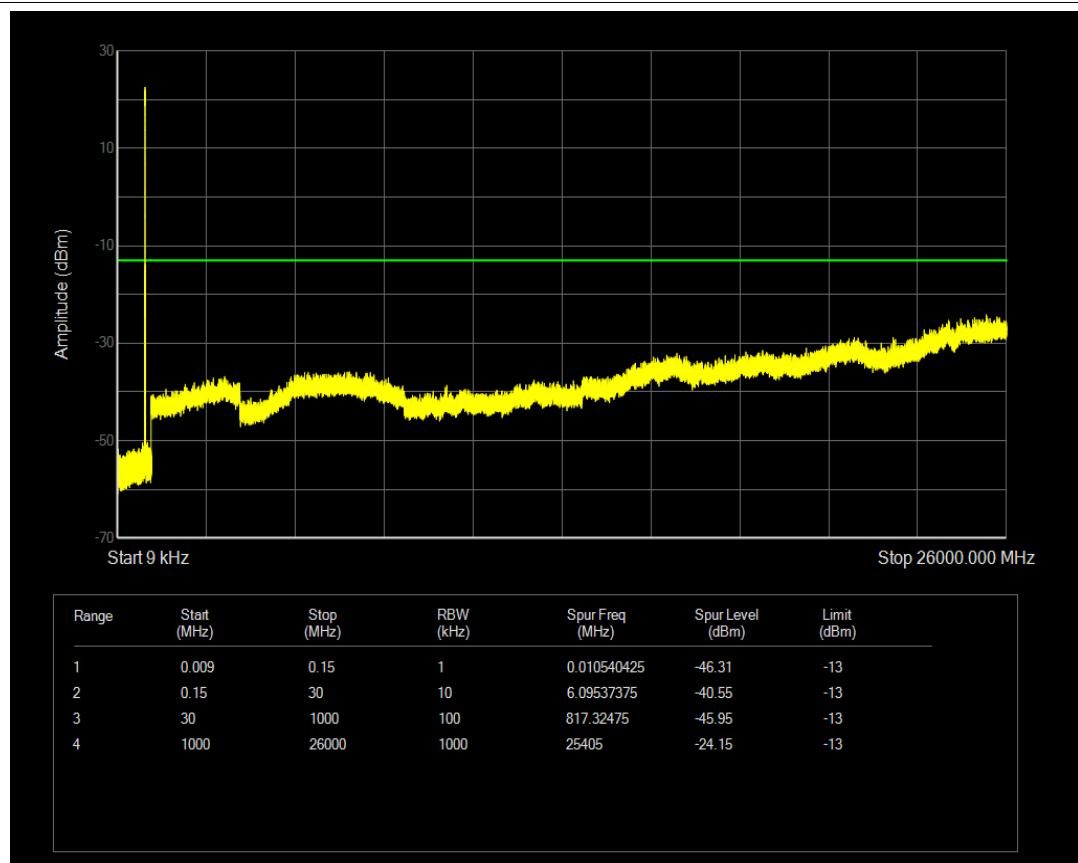




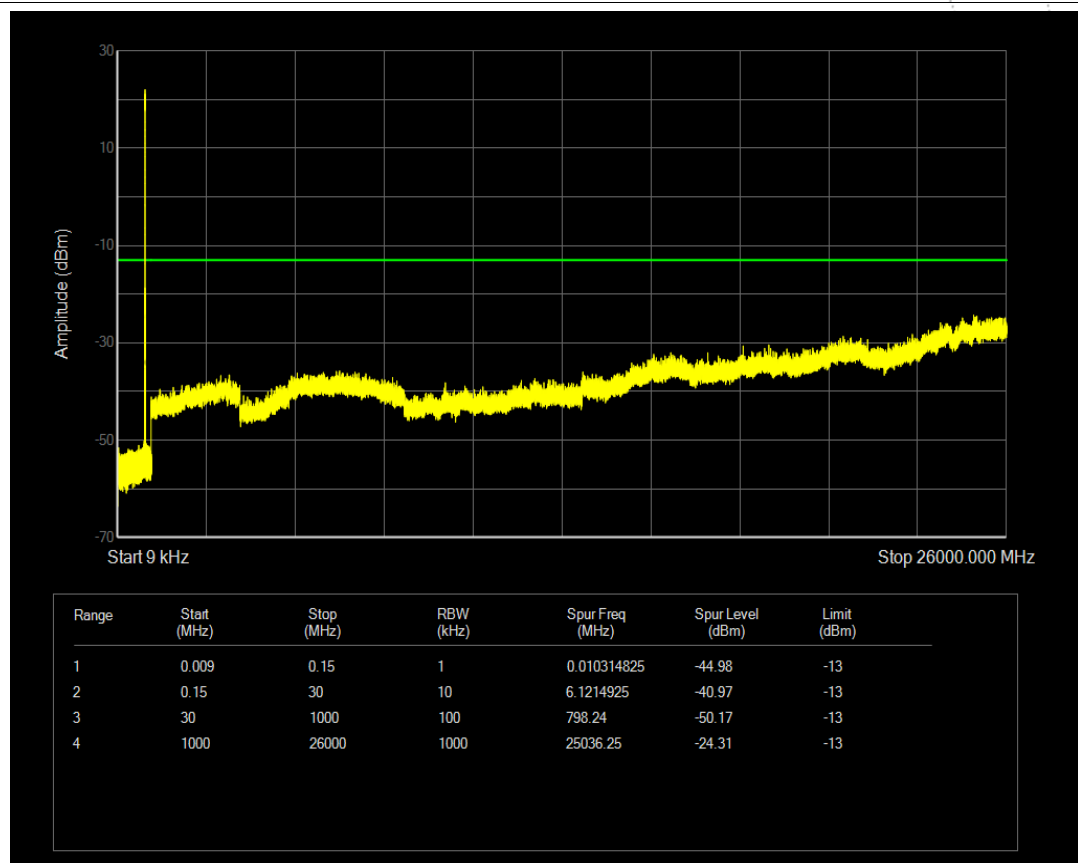


Appendix 6.Out-of-band emissions

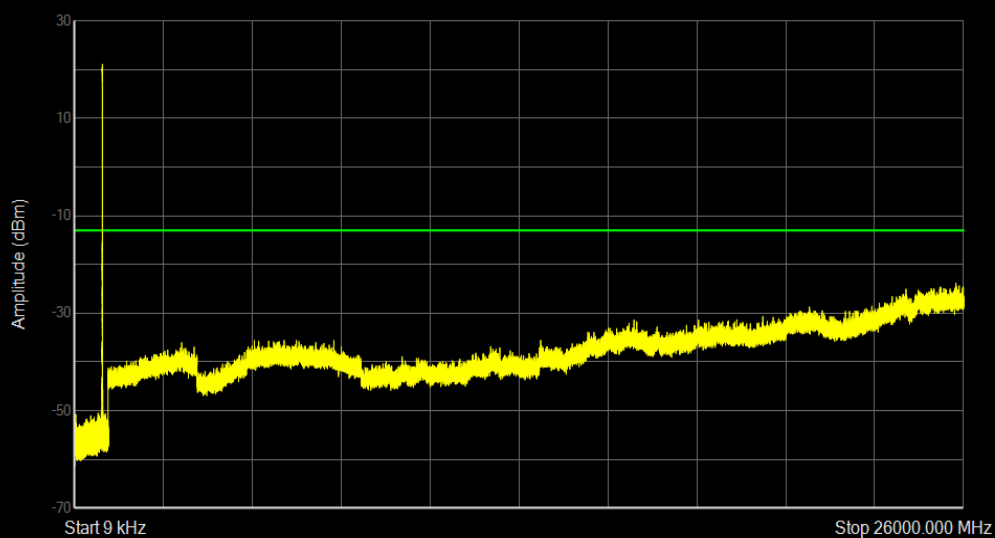
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band5	1.4	20407	6	#0	QPSK	25405.00	-24.15	-13	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	25036.25	-24.31	-13	PASS
NVNT	Band5	1.4	20525	6	#0	QPSK	25775.63	-23.84	-13	PASS
NVNT	Band5	1.4	20525	6	#0	16QAM	25335.00	-24.28	-13	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	25653.75	-24.02	-13	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	25676.25	-24.29	-13	PASS
NVNT	Band5	3	20415	15	#0	QPSK	25320.00	-24.41	-13	PASS
NVNT	Band5	3	20415	15	#0	16QAM	25431.25	-23.57	-13	PASS
NVNT	Band5	3	20525	15	#0	QPSK	25716.25	-24.64	-13	PASS
NVNT	Band5	3	20525	15	#0	16QAM	25018.75	-24.37	-13	PASS
NVNT	Band5	3	20635	15	#0	QPSK	25746.88	-24.35	-13	PASS
NVNT	Band5	3	20635	15	#0	16QAM	25076.88	-23.75	-13	PASS
NVNT	Band5	5	20425	25	#0	QPSK	25568.75	-24.00	-13	PASS
NVNT	Band5	5	20425	25	#0	16QAM	25016.25	-24.19	-13	PASS
NVNT	Band5	5	20525	25	#0	QPSK	25700.63	-24.33	-13	PASS
NVNT	Band5	5	20525	25	#0	16QAM	25774.38	-24.31	-13	PASS
NVNT	Band5	5	20625	25	#0	QPSK	25664.38	-23.37	-13	PASS
NVNT	Band5	5	20625	25	#0	16QAM	25411.25	-24.40	-13	PASS
NVNT	Band5	10	20450	50	#0	QPSK	25023.13	-24.07	-13	PASS
NVNT	Band5	10	20450	50	#0	16QAM	25371.88	-23.74	-13	PASS
NVNT	Band5	10	20525	50	#0	QPSK	25964.38	-24.28	-13	PASS
NVNT	Band5	10	20525	50	#0	16QAM	25852.50	-24.49	-13	PASS
NVNT	Band5	10	20600	50	#0	QPSK	25921.88	-24.06	-13	PASS
NVNT	Band5	10	20600	50	#0	16QAM	25373.13	-24.42	-13	PASS



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT

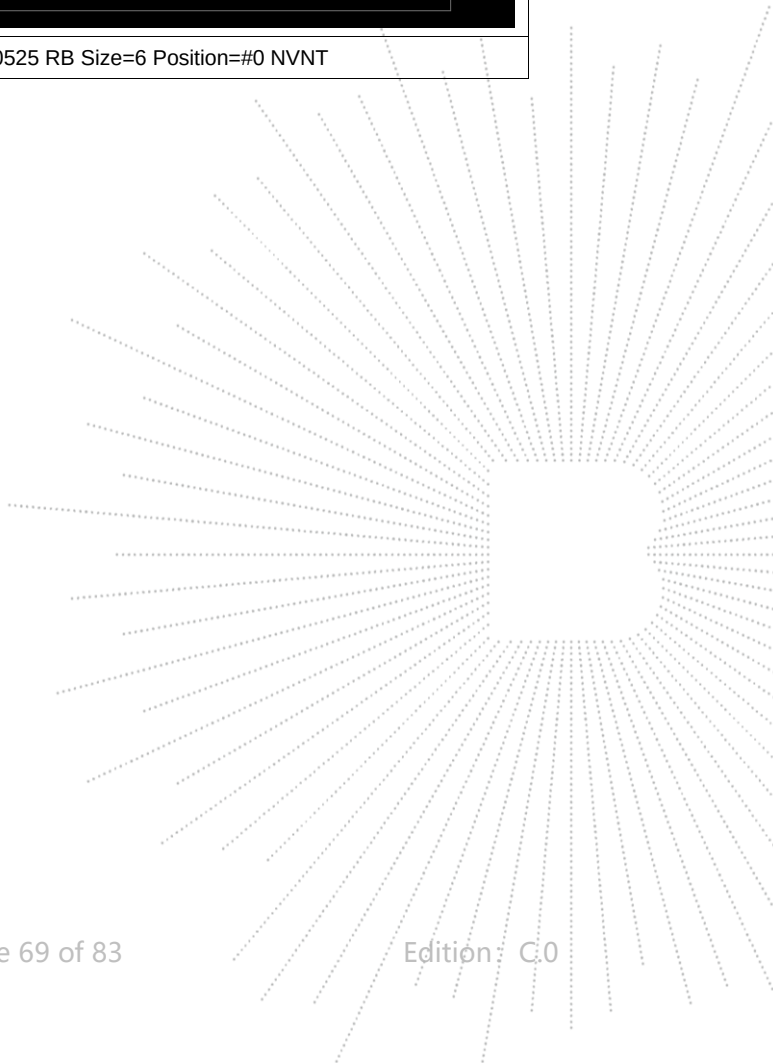


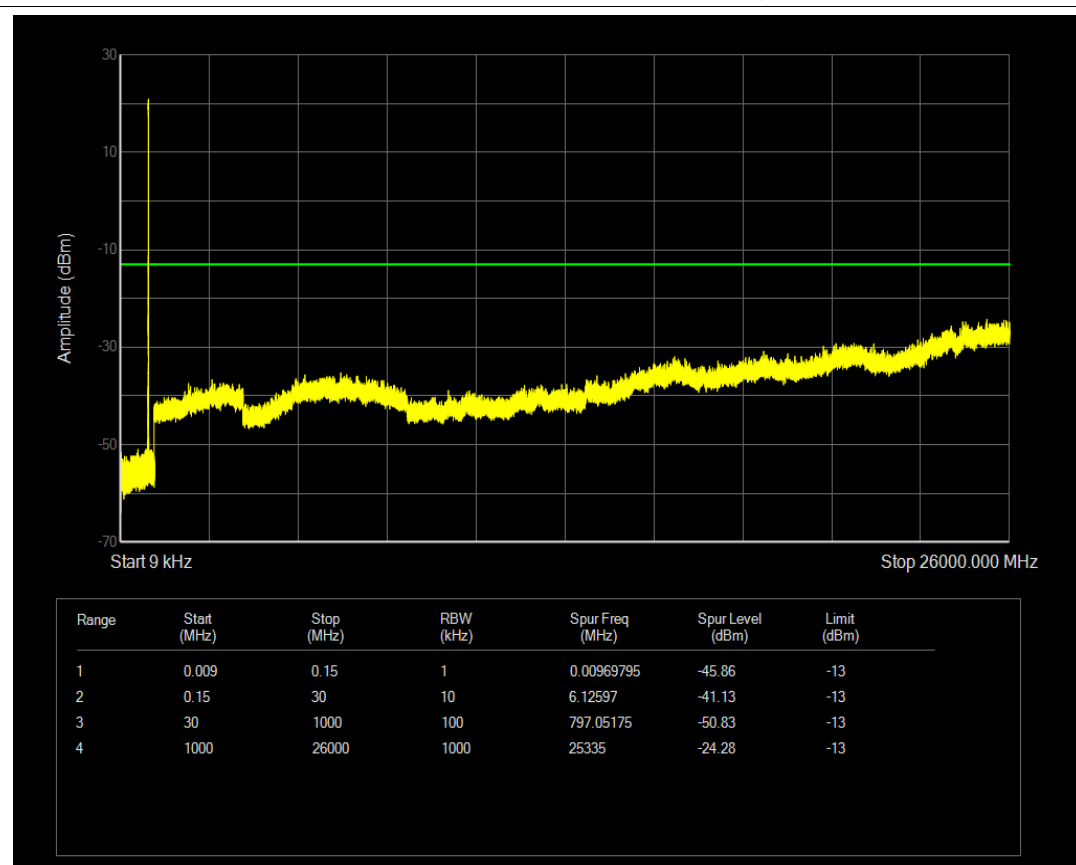
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT



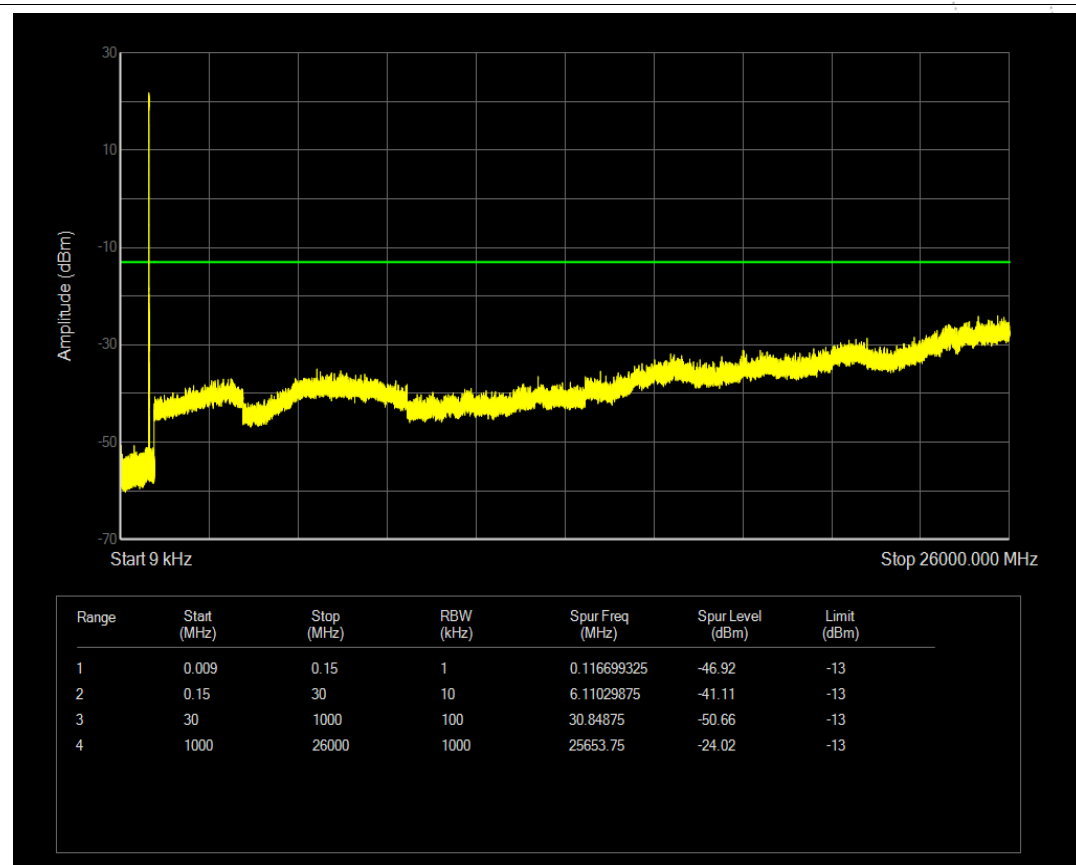
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.117756825	-46.48	-13
2	0.15	30	10	6.14164125	-41	-13
3	30	1000	100	805.68475	-50.14	-13
4	1000	26000	1000	25775.625	-23.84	-13

Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT

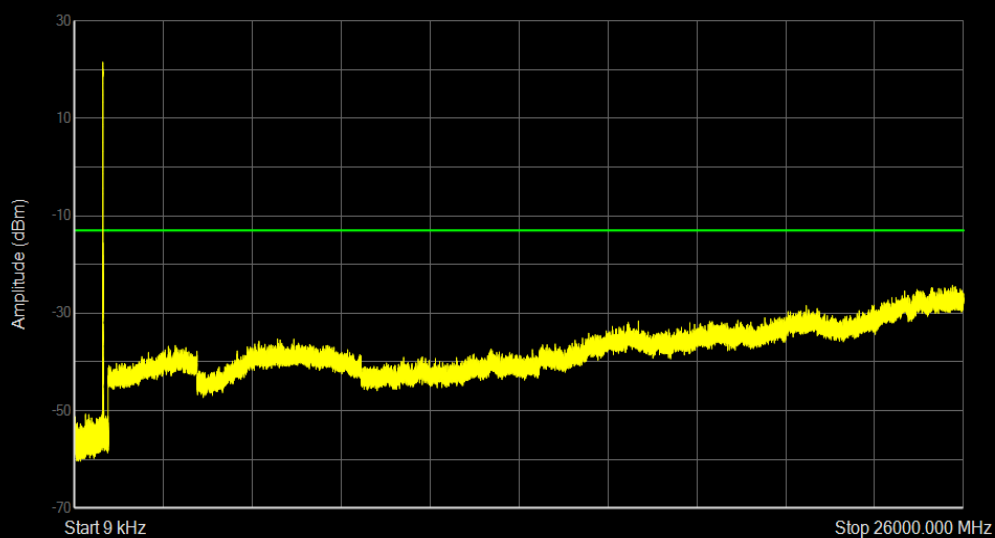




Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT

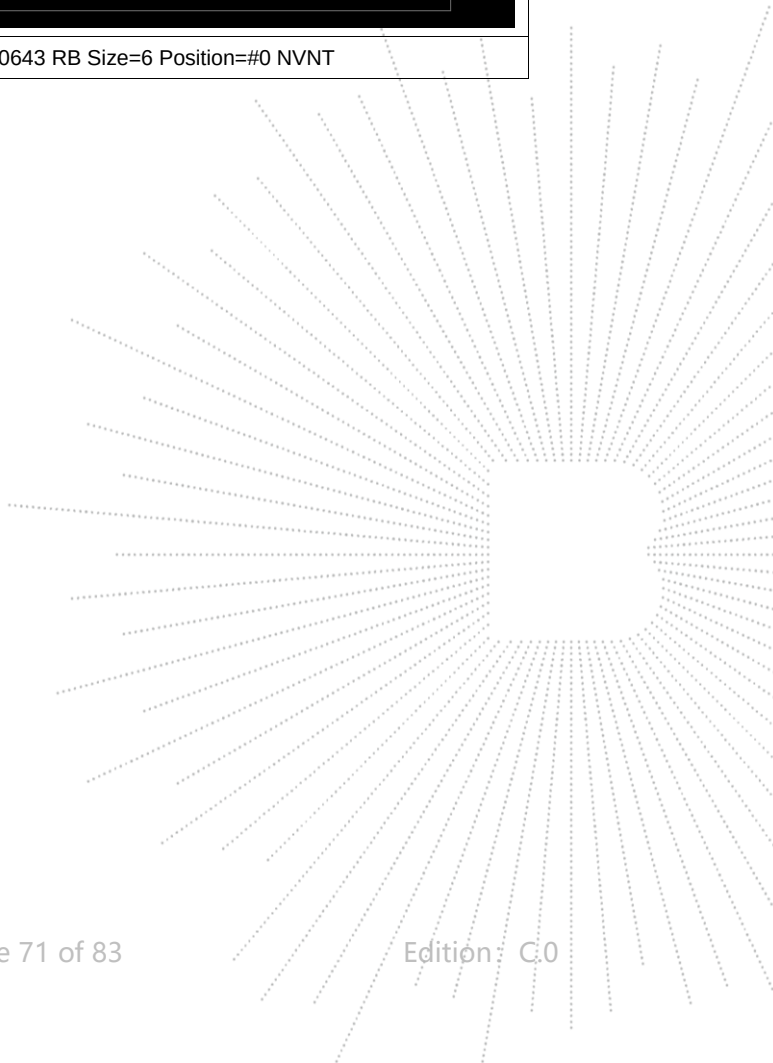


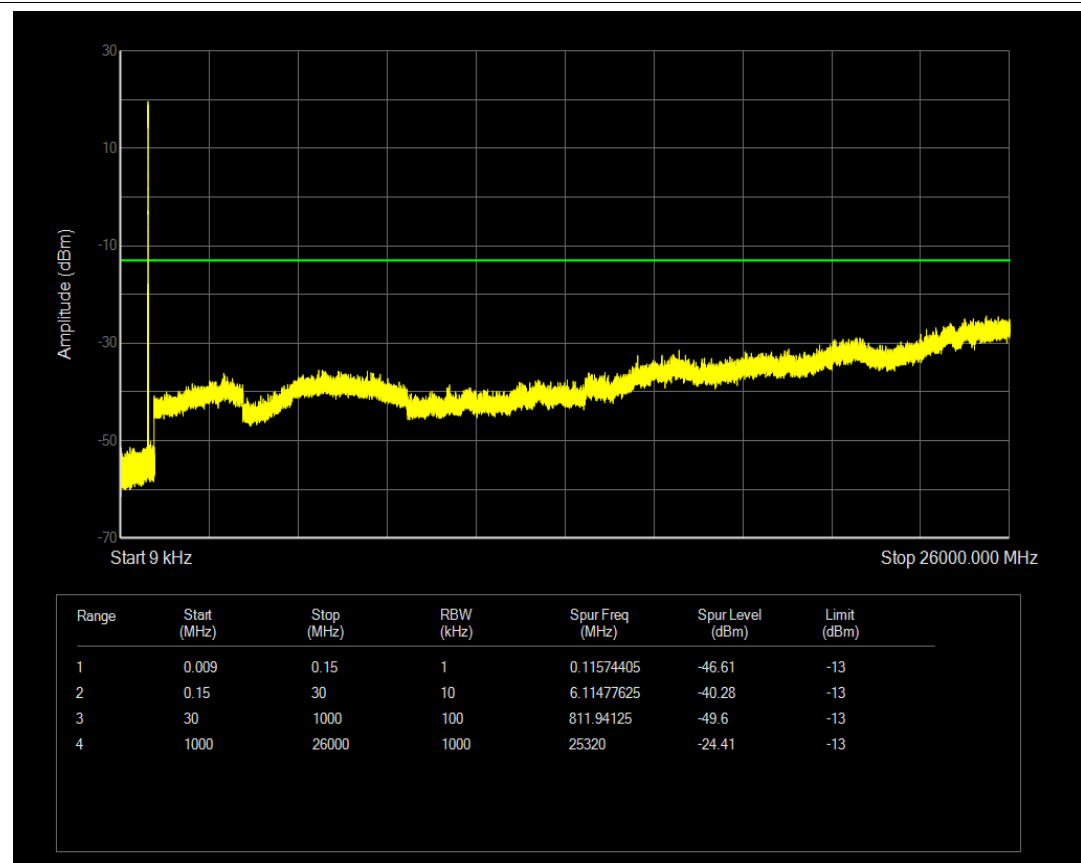
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT



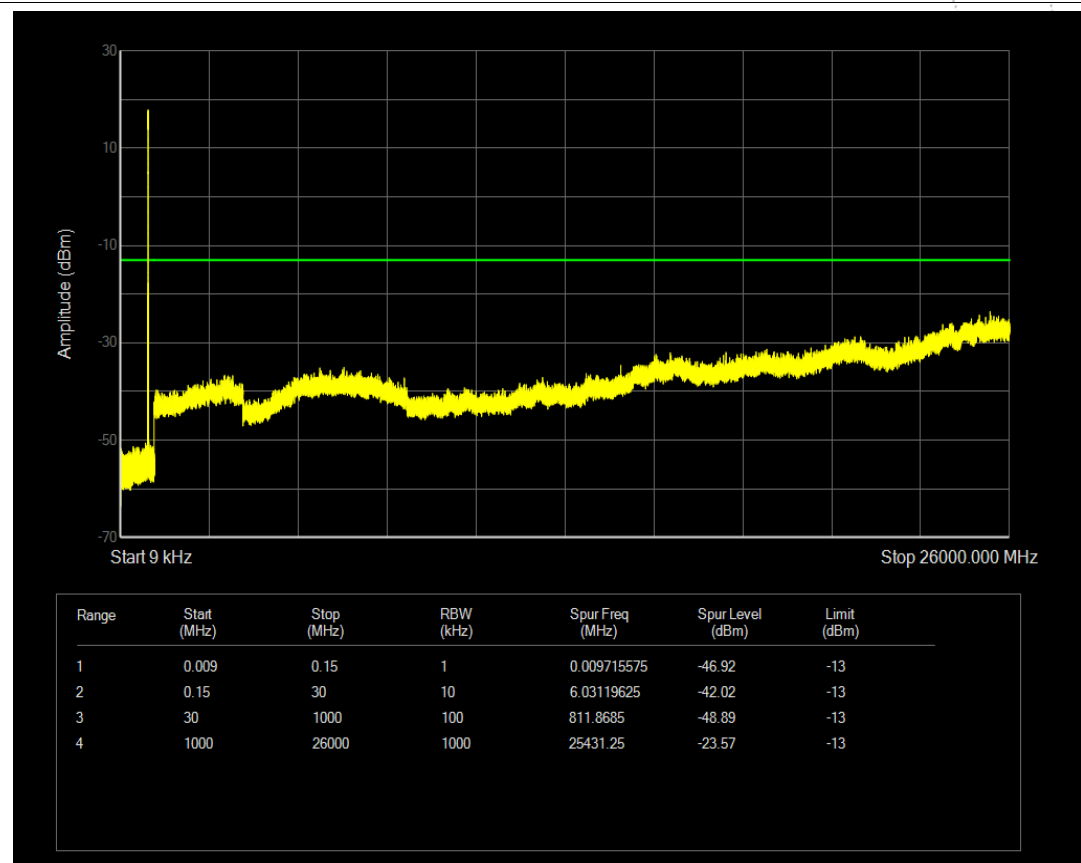
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095922	-46.31	-13
2	0.15	30	10	6.0767175	-40.48	-13
3	30	1000	100	874.31225	-50.04	-13
4	1000	26000	1000	25676.25	-24.29	-13

Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT

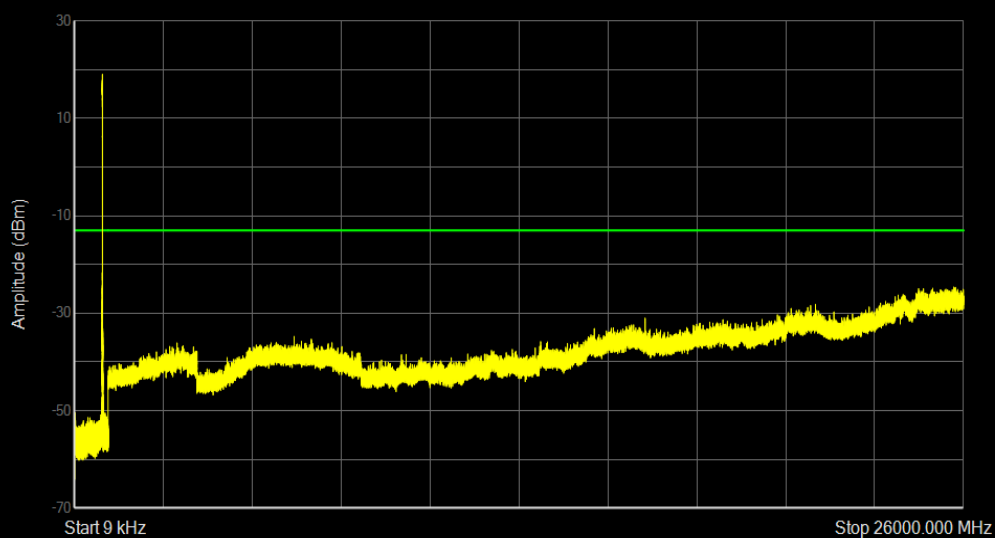




Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT

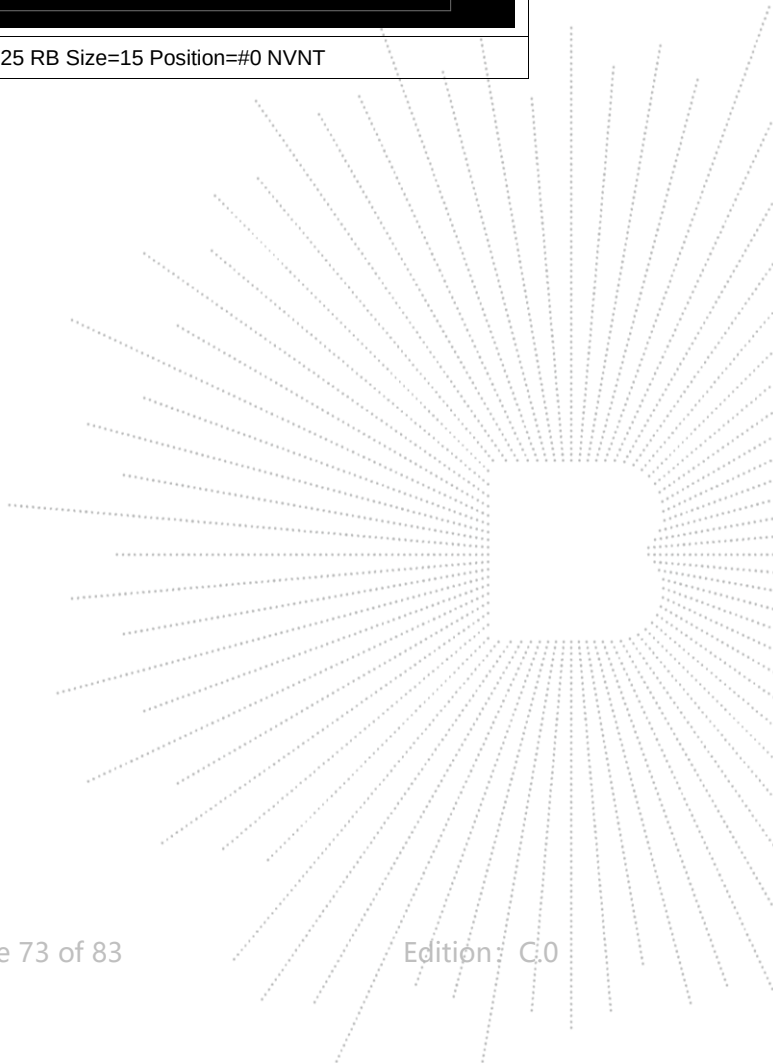


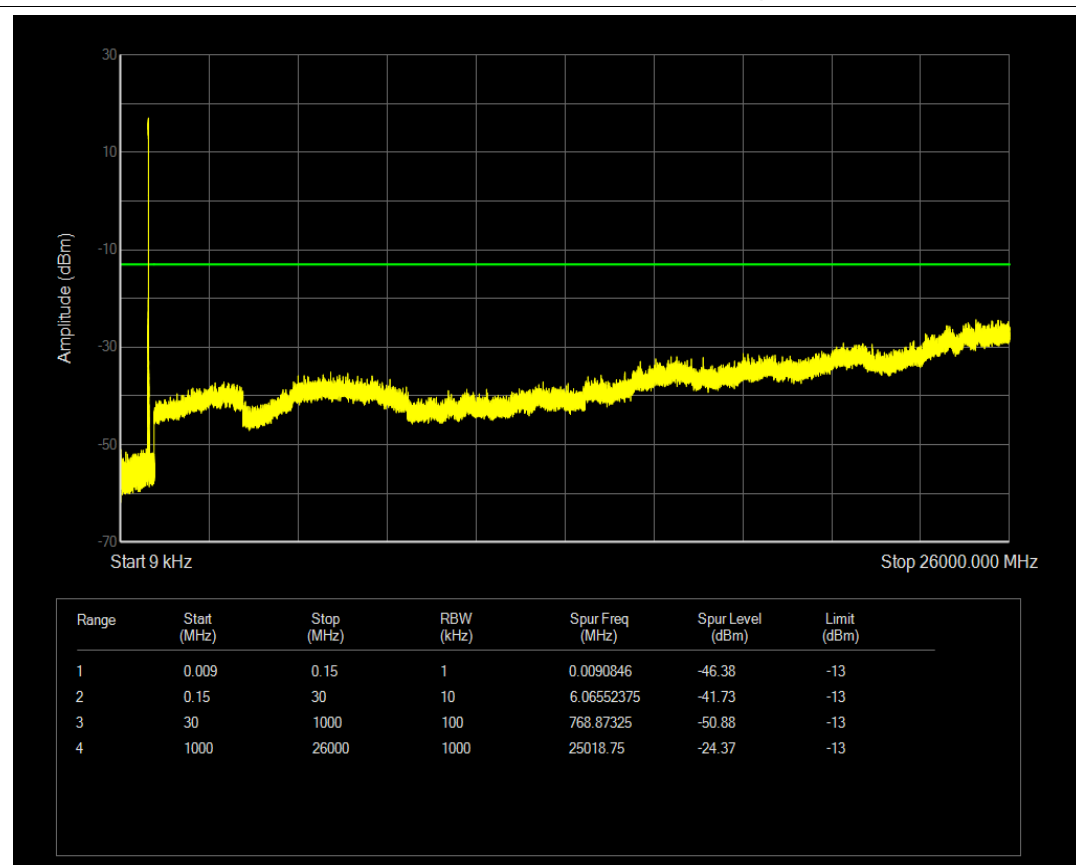
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT



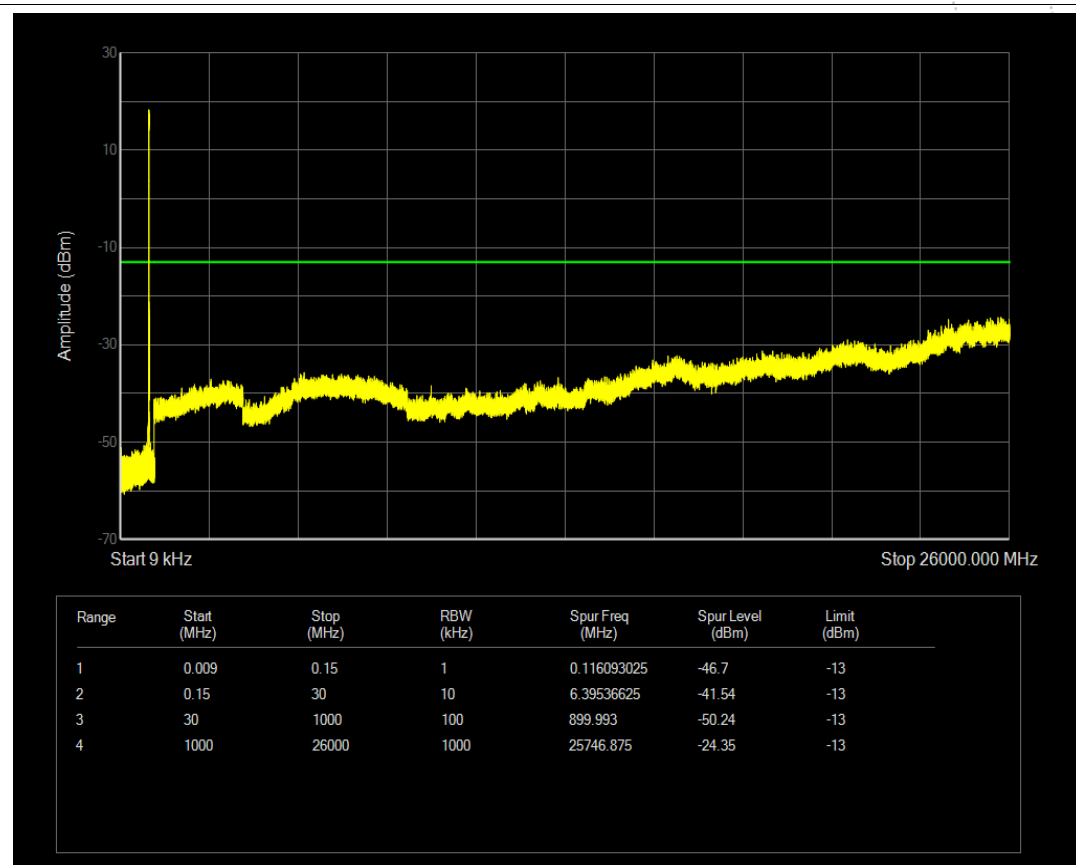
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009405375	-44.26	-13
2	0.15	30	10	6.10432875	-41.12	-13
3	30	1000	100	875.91275	-50.35	-13
4	1000	26000	1000	25716.25	-24.64	-13

Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT

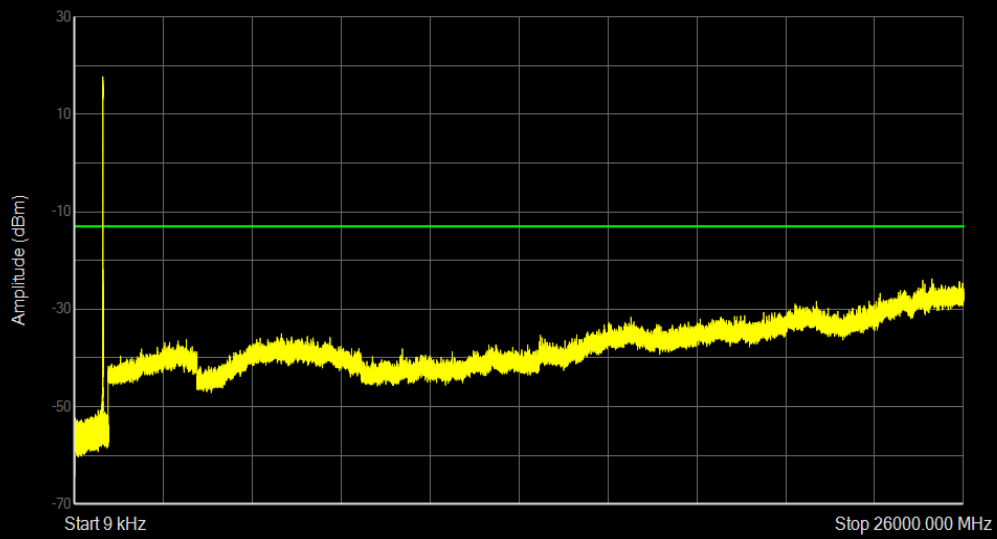




Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT

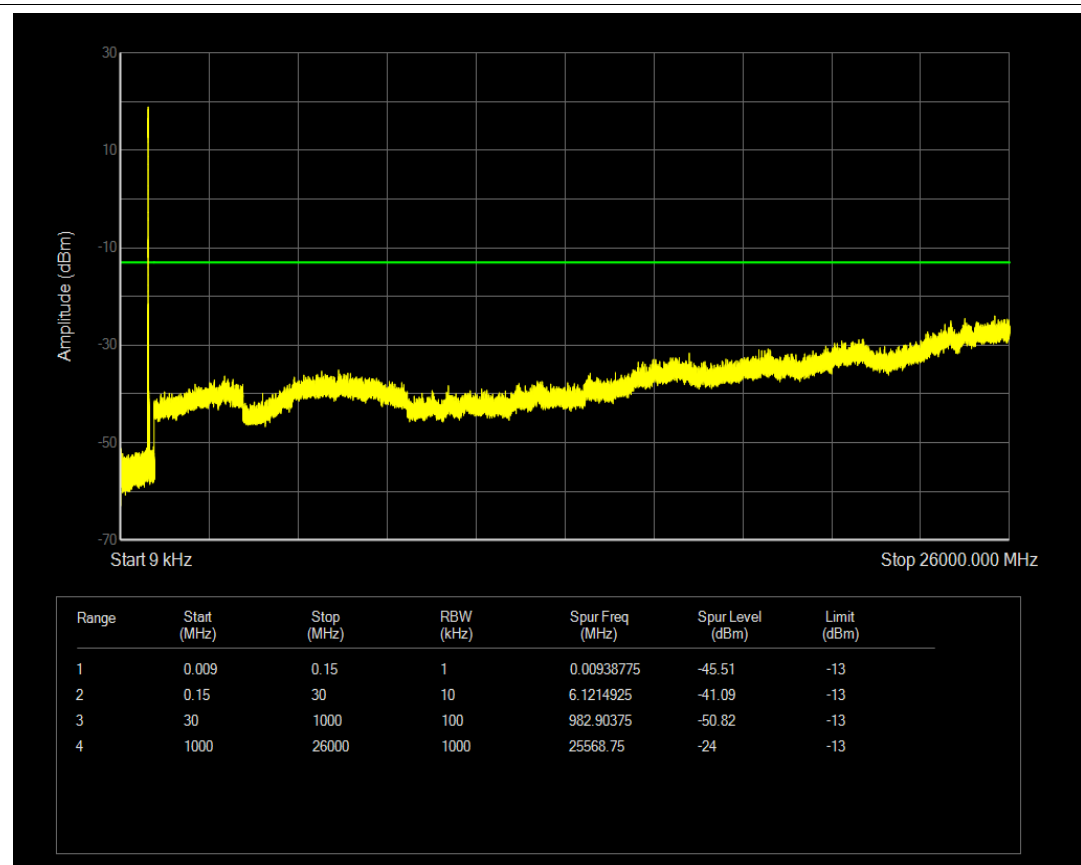


Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT

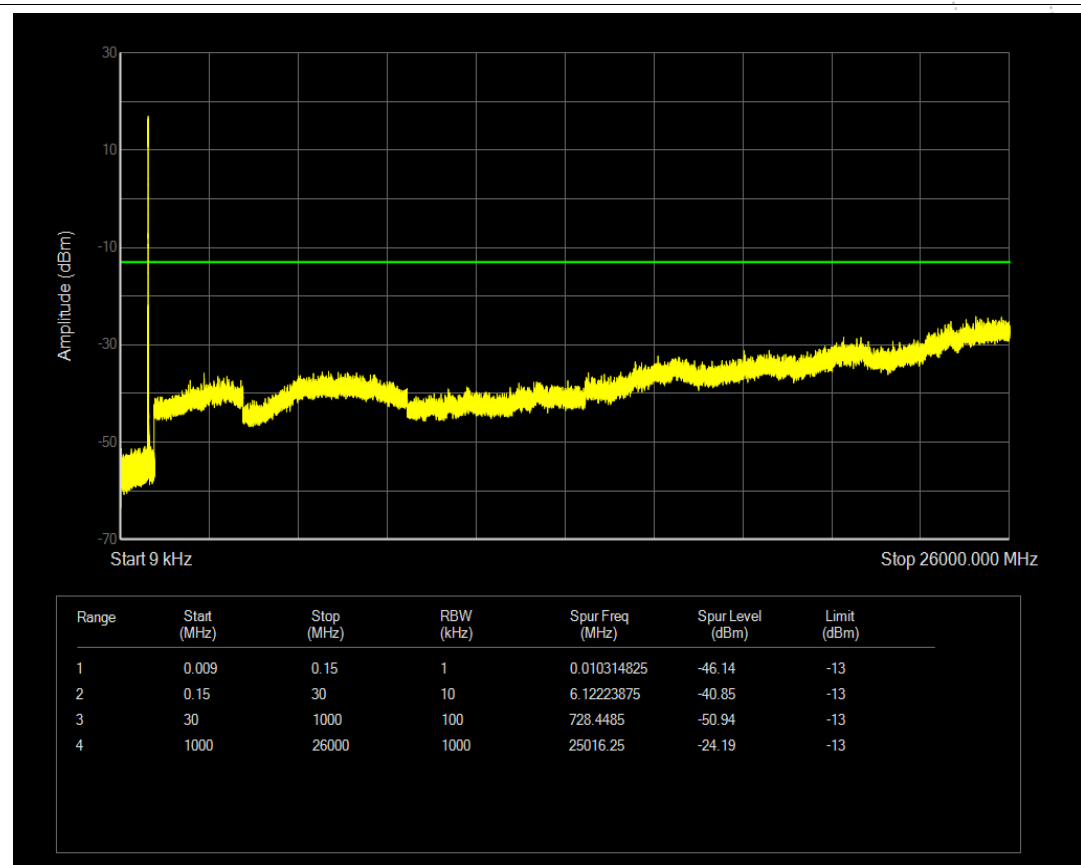


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010138575	-46.3	-13
2	0.15	30	10	6.725955	-42.56	-13
3	30	1000	100	774.863	-50.74	-13
4	1000	26000	1000	25076.875	-23.75	-13

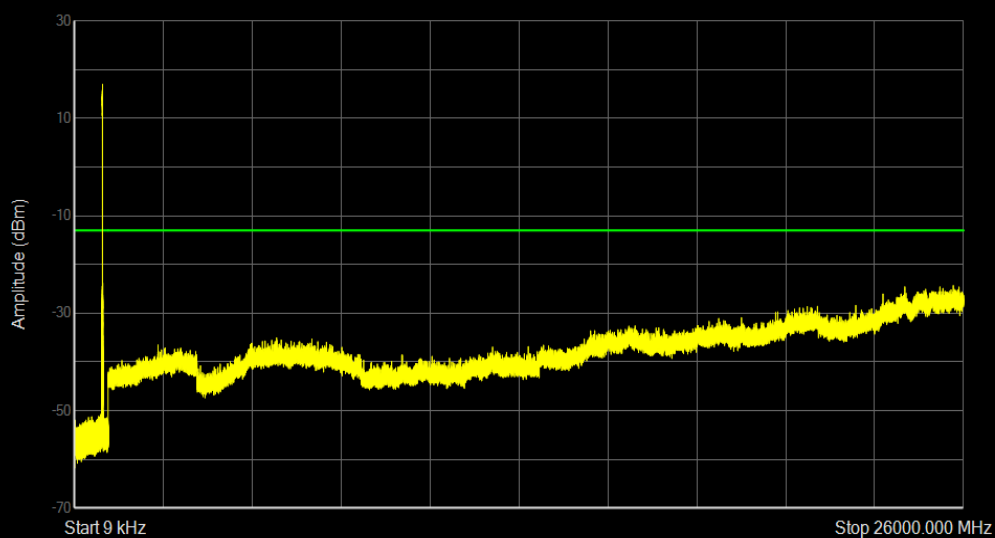
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT



Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

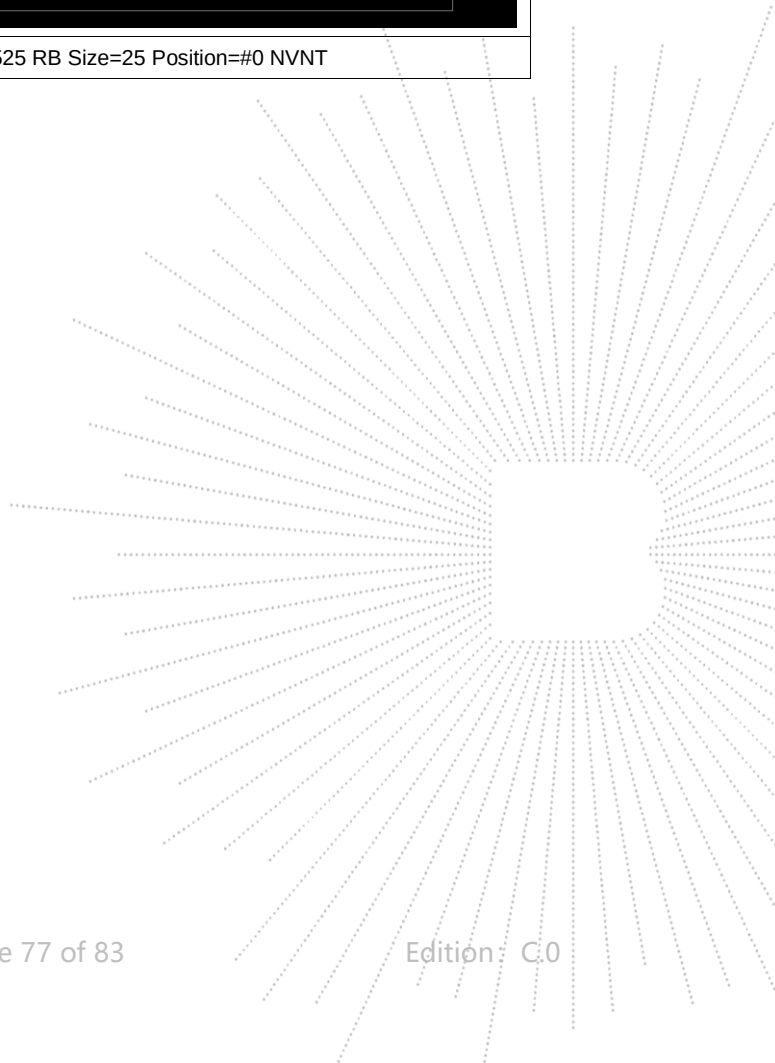


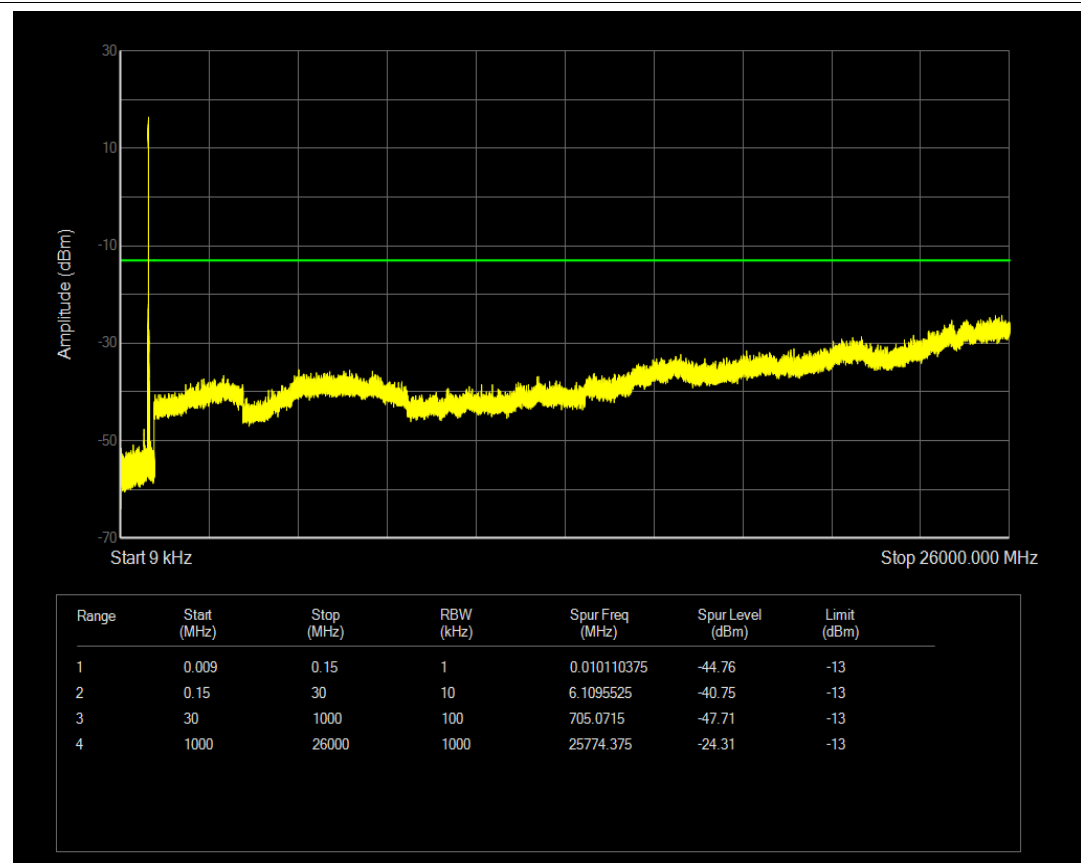
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT



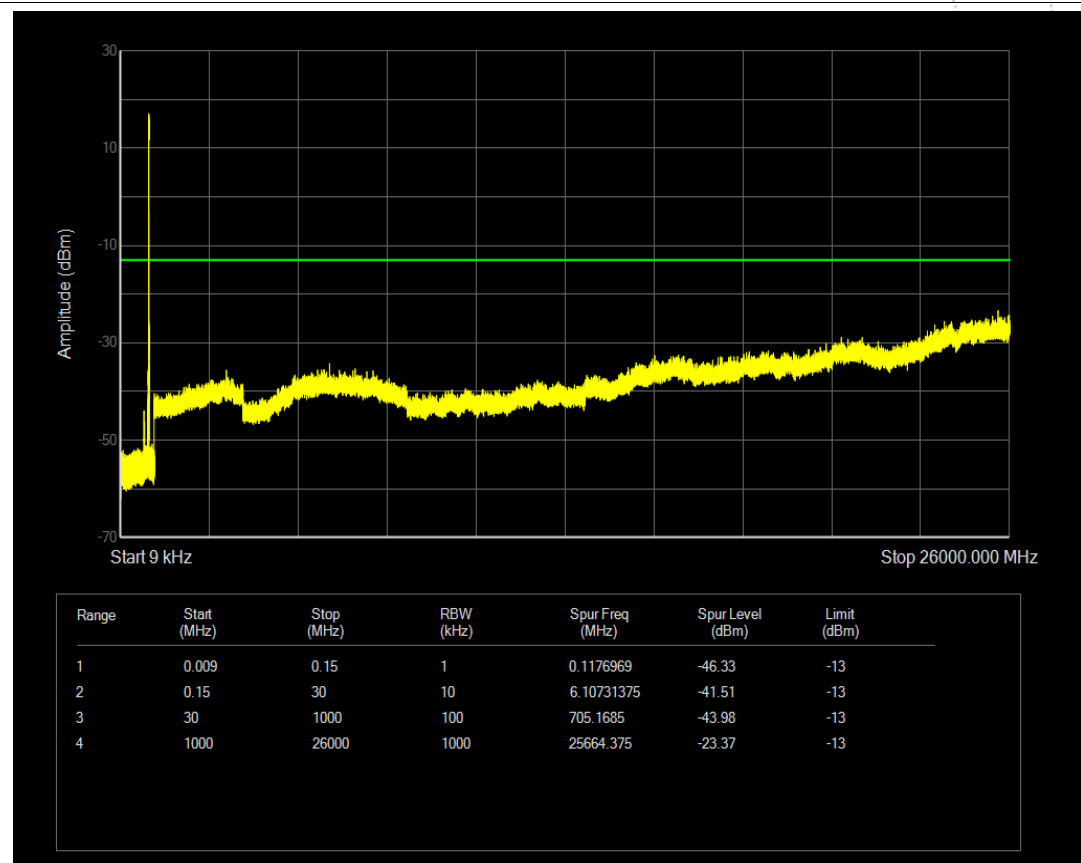
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11745015	-46.97	-13
2	0.15	30	10	6.13417875	-42.07	-13
3	30	1000	100	783.2535	-50.79	-13
4	1000	26000	1000	25700.625	-24.33	-13

Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT

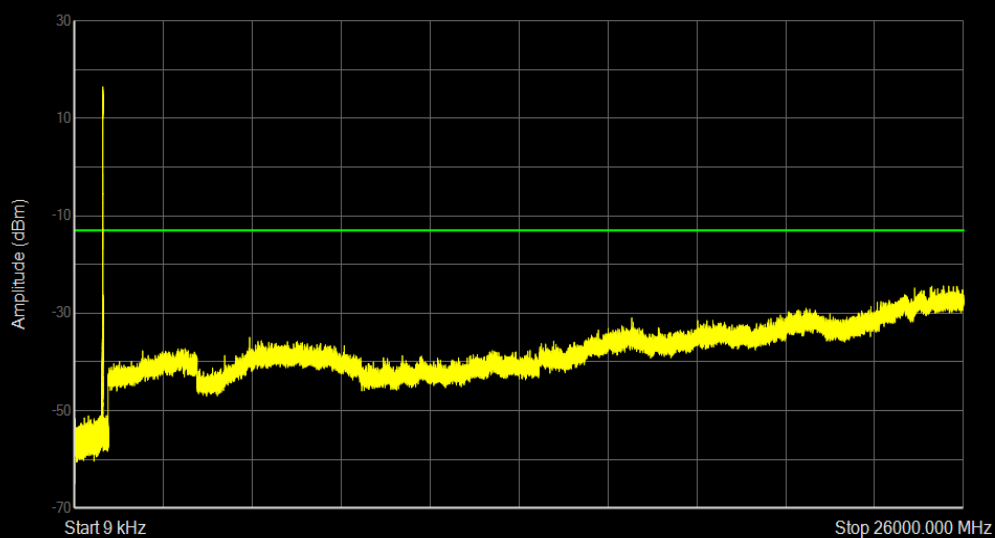




Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT

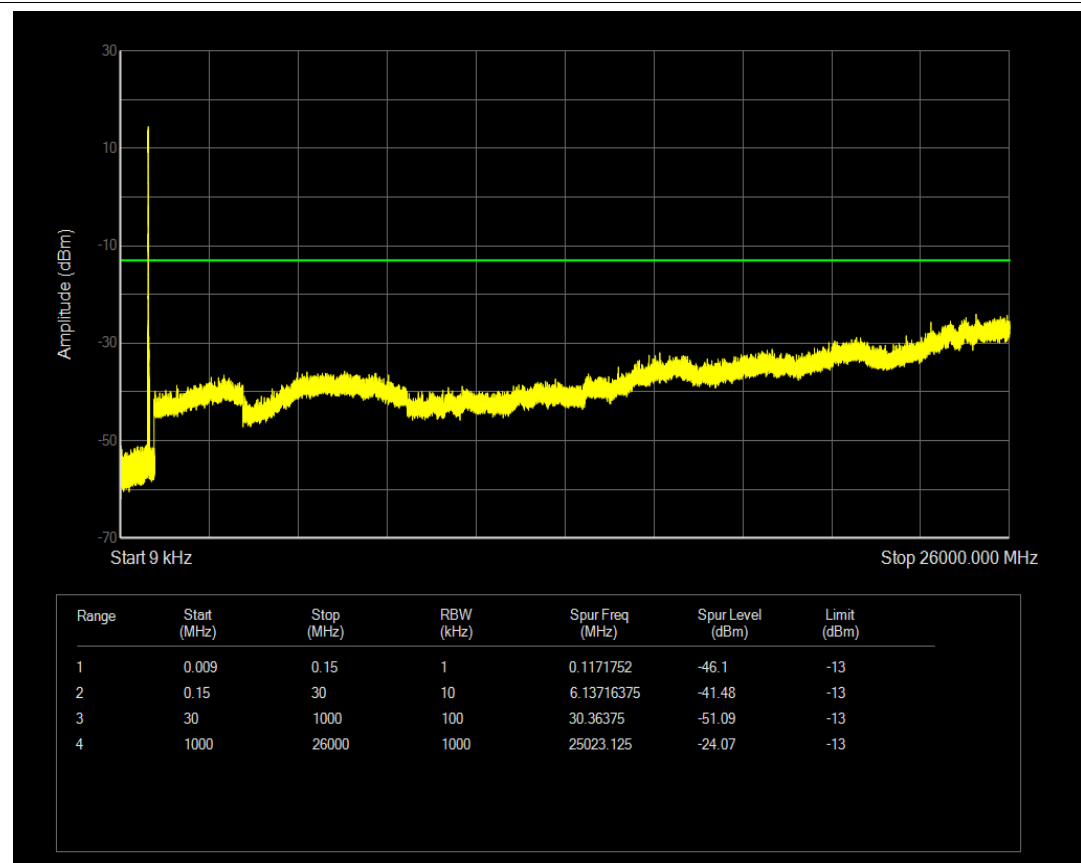


Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0 NVNT

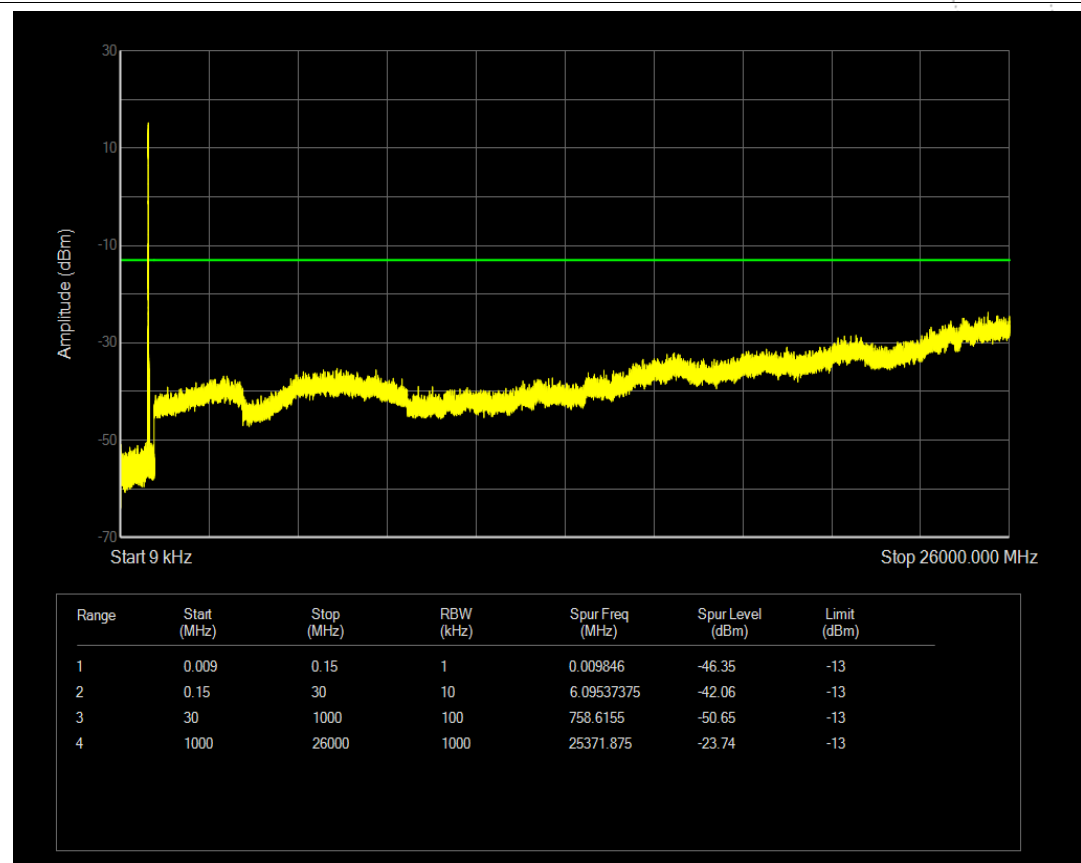


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01010685	-45.98	-13
2	0.15	30	10	6.06627	-40.98	-13
3	30	1000	100	951.403	-51.01	-13
4	1000	26000	1000	25411.25	-24.4	-13

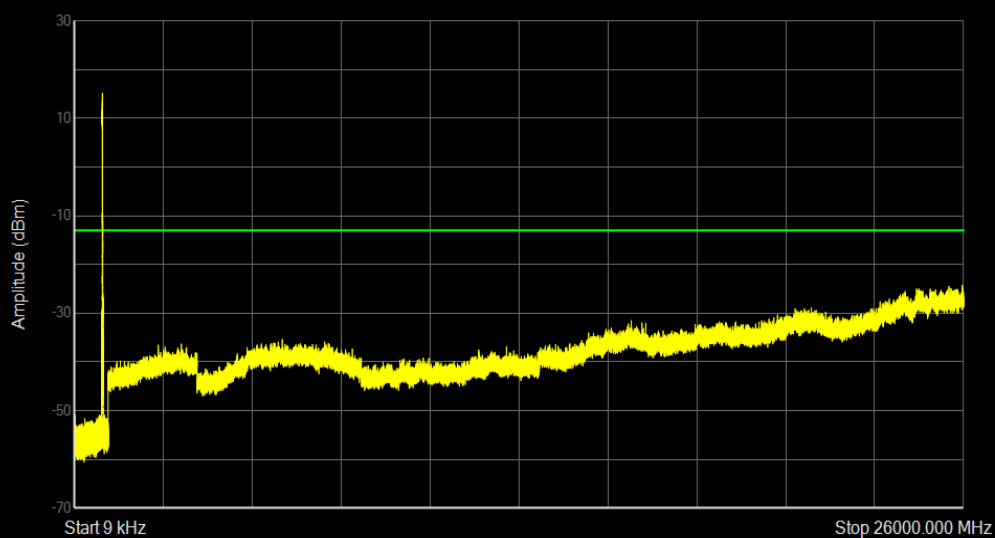
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0 NVNT



Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

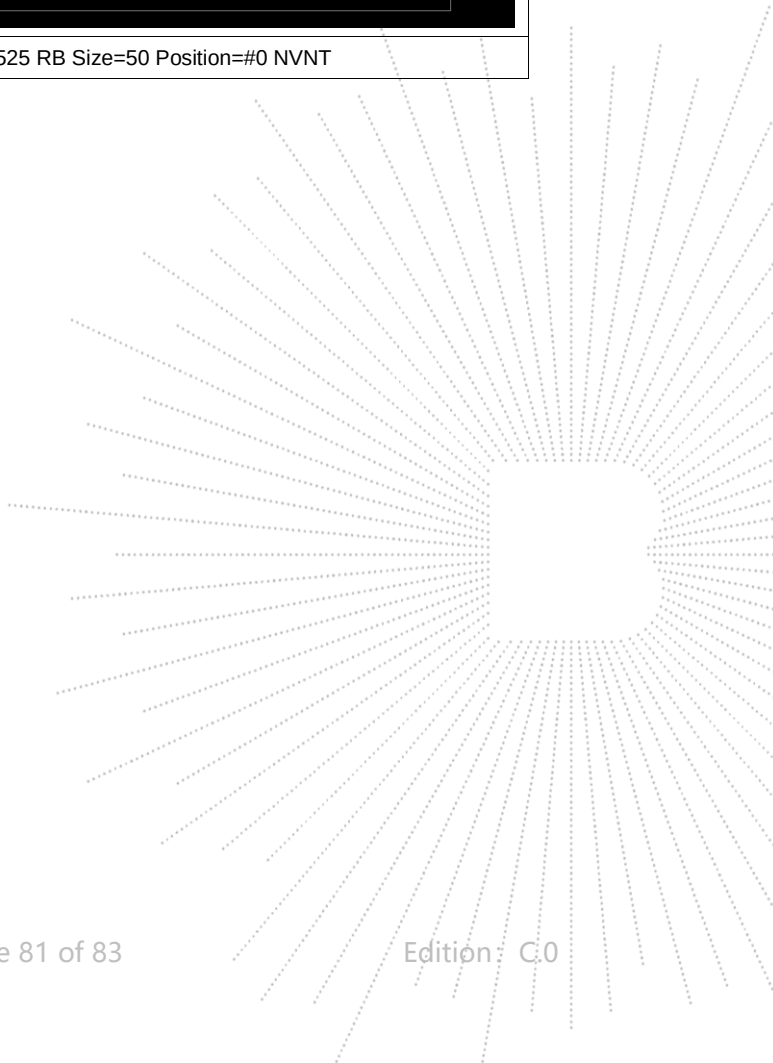


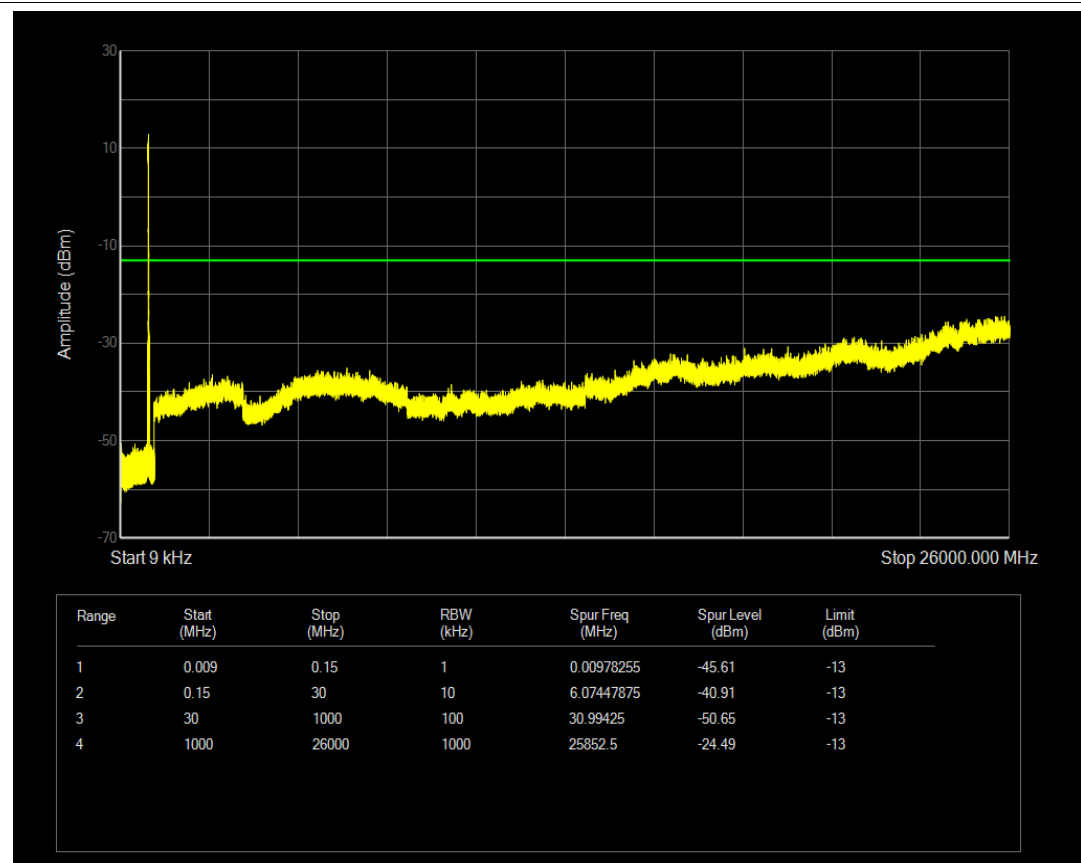
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT



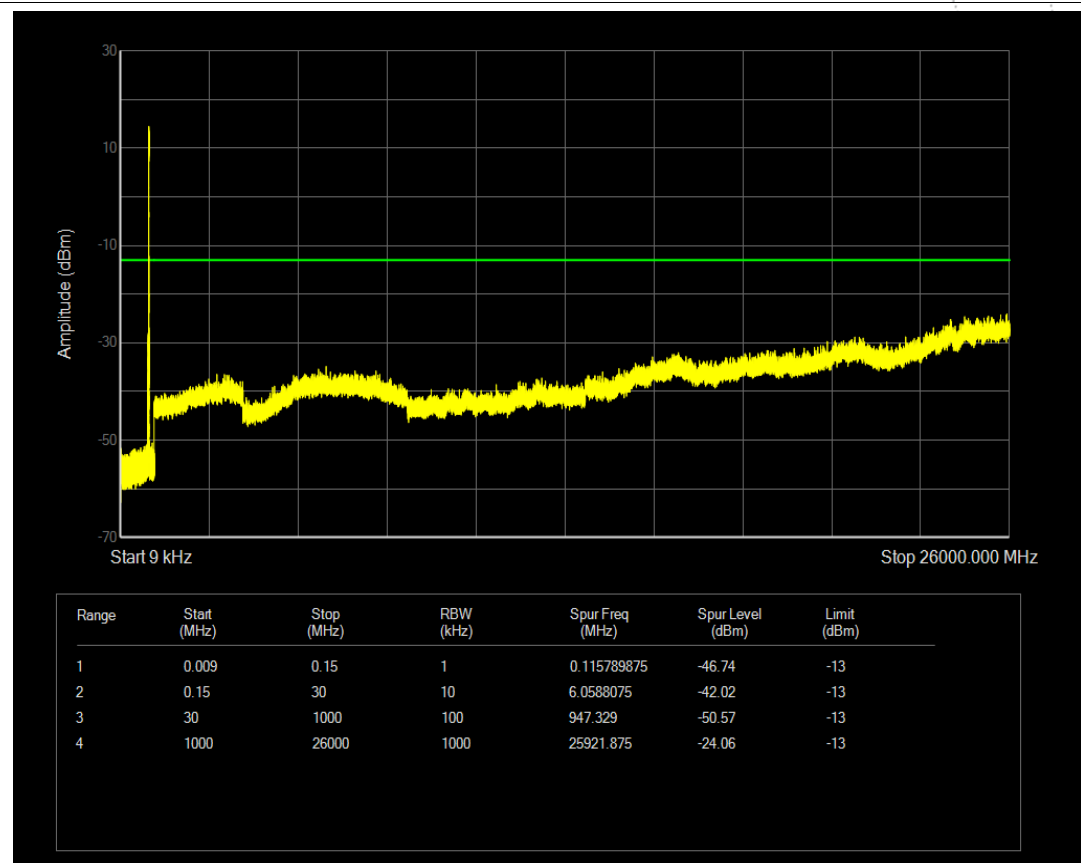
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010117425	-45.96	-13
2	0.15	30	10	6.11626875	-40.93	-13
3	30	1000	100	751.70425	-50.88	-13
4	1000	26000	1000	25964.375	-24.28	-13

Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0 NVNT

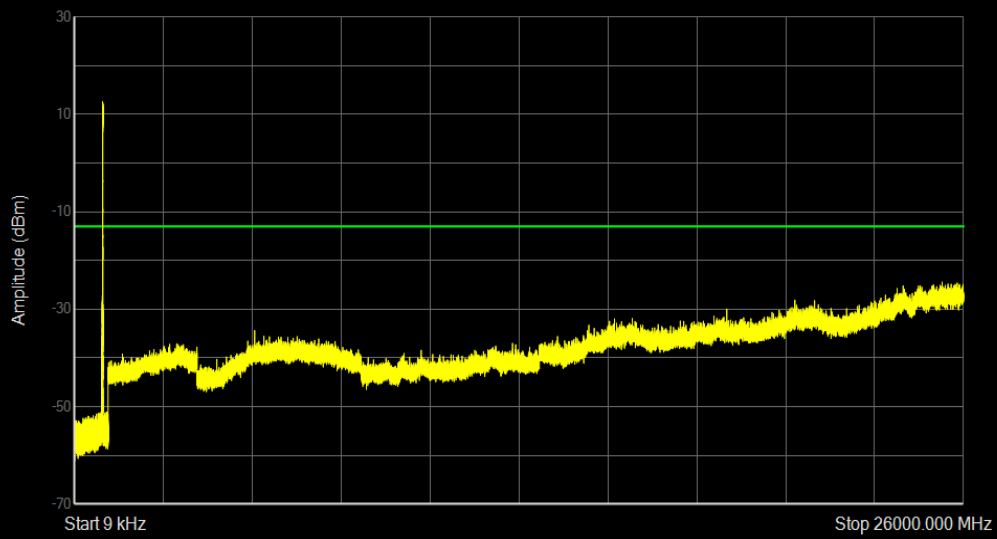




Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0 NVNT



Band5 QPSK BW=10MHz Channel=20600 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	0.009306675	-45.81	-13
2	0.15	30	10	6.08641875	-42.37	-13
3	30	1000	100	976.69575	-51.1	-13
4	1000	26000	1000	25373.125	-24.42	-13

Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0 NVNT