

Appendix for Band 5

Report No.: BCTC2503327806-6E

Applicant: Shenzhen Ouke Lianchuang Network Technology Co., Ltd

Product Name: Car Multimedia Player

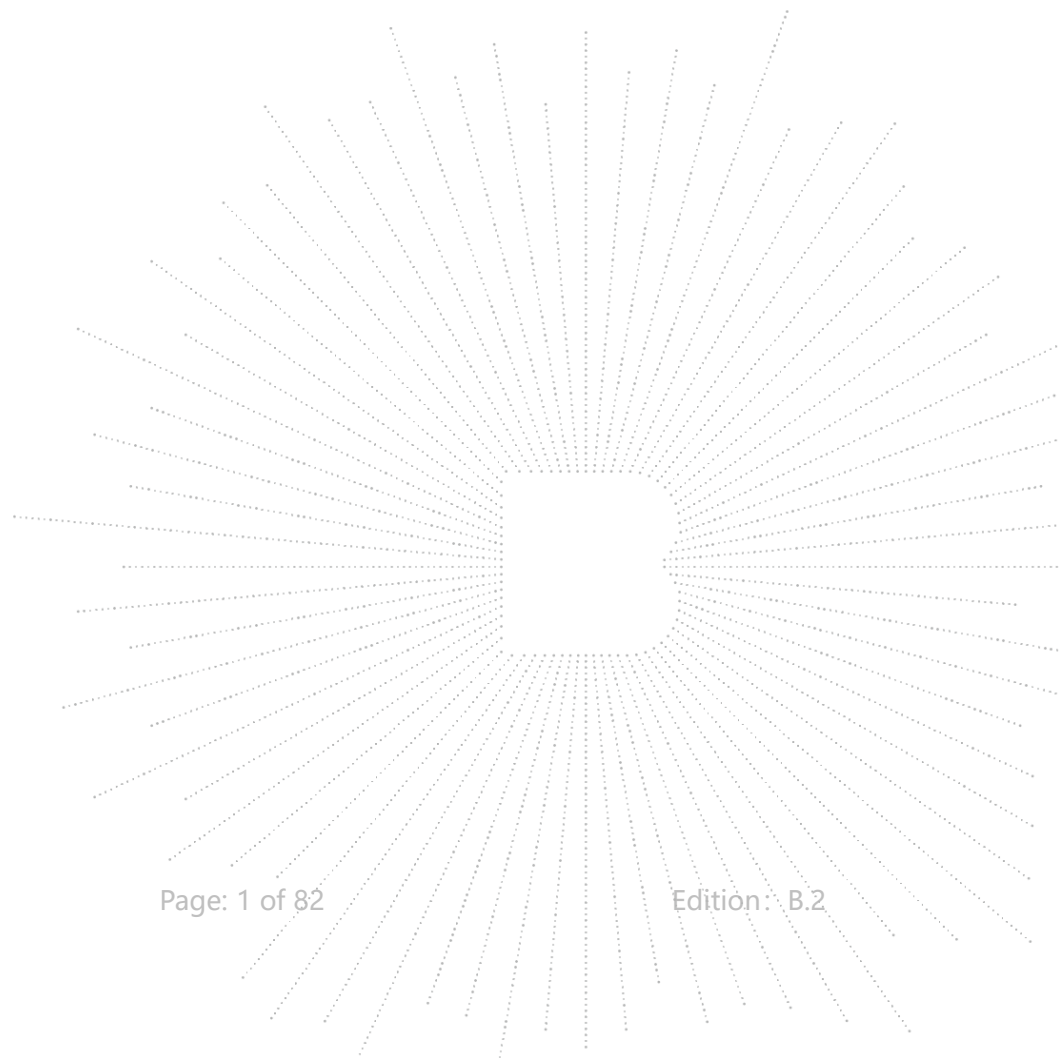
Test Model: HT-S055

Tested Date: 2025-03-26 to 2025-04-27

Shenzhen BCTC Testing Co., Ltd.

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

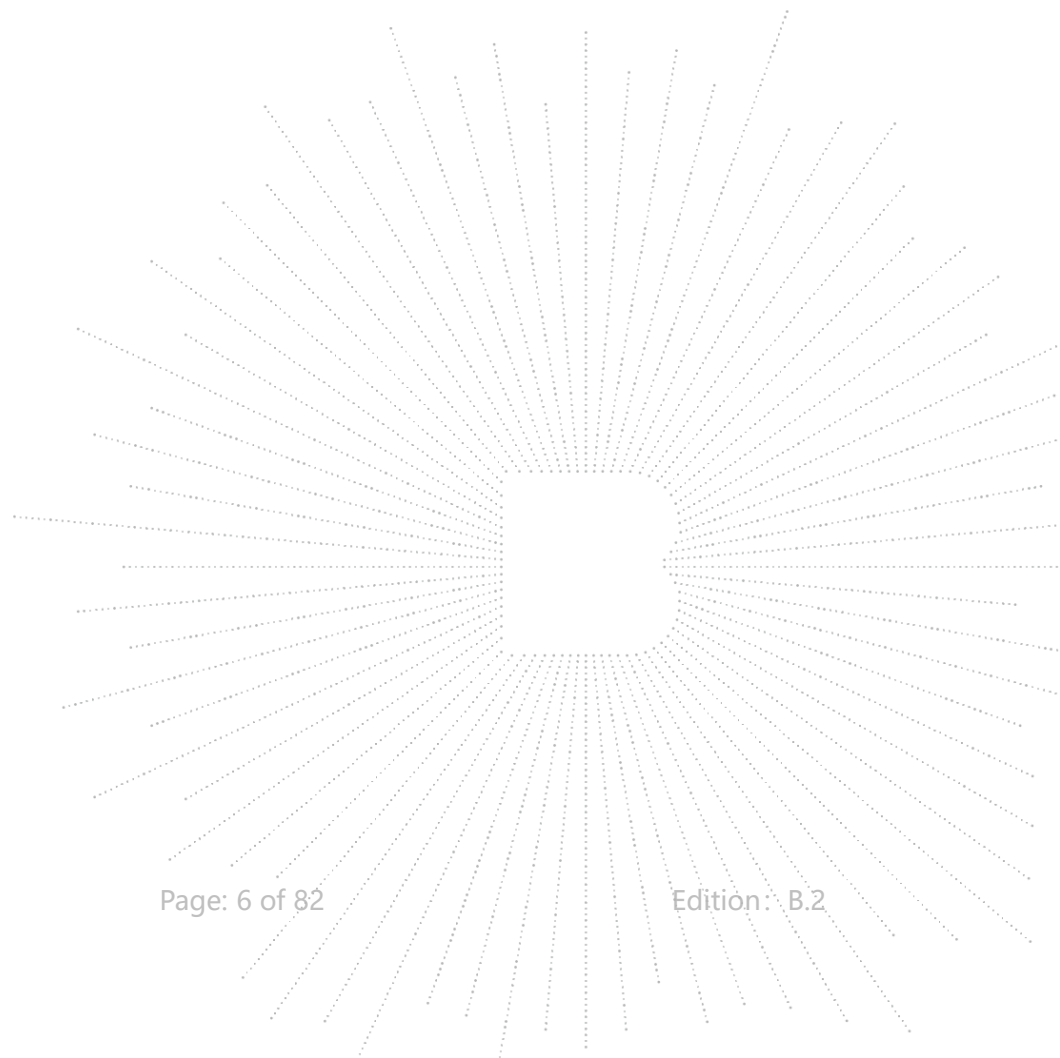
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
NVNT	Band5	1.4	20407	1	#0	QPSK	23.56	-3.64	17.77	PASS
NVNT	Band5	1.4	20407	1	#Mid	QPSK	23.71	-3.64	17.92	PASS
NVNT	Band5	1.4	20407	1	#Max	QPSK	23.59	-3.64	17.80	PASS
NVNT	Band5	1.4	20407	3	#0	QPSK	23.50	-3.64	17.71	PASS
NVNT	Band5	1.4	20407	3	#Mid	QPSK	23.56	-3.64	17.77	PASS
NVNT	Band5	1.4	20407	3	#Max	QPSK	23.53	-3.64	17.74	PASS
NVNT	Band5	1.4	20407	6	#0	QPSK	22.55	-3.64	16.76	PASS
NVNT	Band5	1.4	20407	1	#0	16QAM	22.81	-3.64	17.02	PASS
NVNT	Band5	1.4	20407	1	#Mid	16QAM	23.00	-3.64	17.21	PASS
NVNT	Band5	1.4	20407	1	#Max	16QAM	22.82	-3.64	17.03	PASS
NVNT	Band5	1.4	20407	3	#0	16QAM	22.72	-3.64	16.93	PASS
NVNT	Band5	1.4	20407	3	#Mid	16QAM	22.76	-3.64	16.97	PASS
NVNT	Band5	1.4	20407	3	#Max	16QAM	22.75	-3.64	16.96	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	21.77	-3.64	15.98	PASS
NVNT	Band5	1.4	20525	1	#0	QPSK	23.75	-3.64	17.96	PASS
NVNT	Band5	1.4	20525	1	#Mid	QPSK	23.76	-3.64	17.97	PASS
NVNT	Band5	1.4	20525	1	#Max	QPSK	23.70	-3.64	17.91	PASS
NVNT	Band5	1.4	20525	3	#0	QPSK	23.64	-3.64	17.85	PASS
NVNT	Band5	1.4	20525	3	#Mid	QPSK	23.68	-3.64	17.89	PASS
NVNT	Band5	1.4	20525	3	#Max	QPSK	23.70	-3.64	17.91	PASS
NVNT	Band5	1.4	20525	6	#0	QPSK	22.80	-3.64	17.01	PASS
NVNT	Band5	1.4	20525	1	#0	16QAM	22.68	-3.64	16.89	PASS
NVNT	Band5	1.4	20525	1	#Mid	16QAM	22.59	-3.64	16.80	PASS
NVNT	Band5	1.4	20525	1	#Max	16QAM	22.68	-3.64	16.89	PASS
NVNT	Band5	1.4	20525	3	#0	16QAM	22.87	-3.64	17.08	PASS
NVNT	Band5	1.4	20525	3	#Mid	16QAM	22.89	-3.64	17.10	PASS
NVNT	Band5	1.4	20525	3	#Max	16QAM	22.95	-3.64	17.16	PASS
NVNT	Band5	1.4	20525	6	#0	16QAM	22.02	-3.64	16.23	PASS
NVNT	Band5	1.4	20643	1	#0	QPSK	23.63	-3.64	17.84	PASS
NVNT	Band5	1.4	20643	1	#Mid	QPSK	23.79	-3.64	18.00	PASS
NVNT	Band5	1.4	20643	1	#Max	QPSK	23.05	-3.64	17.26	PASS
NVNT	Band5	1.4	20643	3	#0	QPSK	23.74	-3.64	17.95	PASS
NVNT	Band5	1.4	20643	3	#Mid	QPSK	23.52	-3.64	17.73	PASS
NVNT	Band5	1.4	20643	3	#Max	QPSK	23.06	-3.64	17.27	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	22.81	-3.64	17.02	PASS

NVNT	Band5	1.4	20643	1	#0	16QAM	22.85	-3.64	17.06	PASS
NVNT	Band5	1.4	20643	1	#Mid	16QAM	22.91	-3.64	17.12	PASS
NVNT	Band5	1.4	20643	1	#Max	16QAM	22.22	-3.64	16.43	PASS
NVNT	Band5	1.4	20643	3	#0	16QAM	23.08	-3.64	17.29	PASS
NVNT	Band5	1.4	20643	3	#Mid	16QAM	22.89	-3.64	17.10	PASS
NVNT	Band5	1.4	20643	3	#Max	16QAM	22.41	-3.64	16.62	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	21.92	-3.64	16.13	PASS
NVNT	Band5	3	20415	1	#0	QPSK	23.54	-3.64	17.75	PASS
NVNT	Band5	3	20415	1	#Mid	QPSK	23.63	-3.64	17.84	PASS
NVNT	Band5	3	20415	1	#Max	QPSK	23.58	-3.64	17.79	PASS
NVNT	Band5	3	20415	8	#0	QPSK	22.62	-3.64	16.83	PASS
NVNT	Band5	3	20415	8	#Mid	QPSK	22.63	-3.64	16.84	PASS
NVNT	Band5	3	20415	8	#Max	QPSK	22.63	-3.64	16.84	PASS
NVNT	Band5	3	20415	15	#0	QPSK	22.62	-3.64	16.83	PASS
NVNT	Band5	3	20415	1	#0	16QAM	23.09	-3.64	17.30	PASS
NVNT	Band5	3	20415	1	#Mid	16QAM	23.12	-3.64	17.33	PASS
NVNT	Band5	3	20415	1	#Max	16QAM	23.10	-3.64	17.31	PASS
NVNT	Band5	3	20415	8	#0	16QAM	21.61	-3.64	15.82	PASS
NVNT	Band5	3	20415	8	#Mid	16QAM	21.67	-3.64	15.88	PASS
NVNT	Band5	3	20415	8	#Max	16QAM	21.64	-3.64	15.85	PASS
NVNT	Band5	3	20415	15	#0	16QAM	21.65	-3.64	15.86	PASS
NVNT	Band5	3	20525	1	#0	QPSK	23.72	-3.64	17.93	PASS
NVNT	Band5	3	20525	1	#Mid	QPSK	23.85	-3.64	18.06	PASS
NVNT	Band5	3	20525	1	#Max	QPSK	23.76	-3.64	17.97	PASS
NVNT	Band5	3	20525	8	#0	QPSK	22.76	-3.64	16.97	PASS
NVNT	Band5	3	20525	8	#Mid	QPSK	22.73	-3.64	16.94	PASS
NVNT	Band5	3	20525	8	#Max	QPSK	22.73	-3.64	16.94	PASS
NVNT	Band5	3	20525	15	#0	QPSK	22.79	-3.64	17.00	PASS
NVNT	Band5	3	20525	1	#0	16QAM	22.99	-3.64	17.20	PASS
NVNT	Band5	3	20525	1	#Mid	16QAM	23.15	-3.64	17.36	PASS
NVNT	Band5	3	20525	1	#Max	16QAM	23.05	-3.64	17.26	PASS
NVNT	Band5	3	20525	8	#0	16QAM	21.76	-3.64	15.97	PASS
NVNT	Band5	3	20525	8	#Mid	16QAM	21.73	-3.64	15.94	PASS
NVNT	Band5	3	20525	8	#Max	16QAM	21.70	-3.64	15.91	PASS
NVNT	Band5	3	20525	15	#0	16QAM	21.76	-3.64	15.97	PASS
NVNT	Band5	3	20635	1	#0	QPSK	23.74	-3.64	17.95	PASS
NVNT	Band5	3	20635	1	#Mid	QPSK	23.69	-3.64	17.90	PASS
NVNT	Band5	3	20635	1	#Max	QPSK	22.89	-3.64	17.10	PASS
NVNT	Band5	3	20635	8	#0	QPSK	22.66	-3.64	16.87	PASS
NVNT	Band5	3	20635	8	#Mid	QPSK	22.70	-3.64	16.91	PASS
NVNT	Band5	3	20635	8	#Max	QPSK	22.74	-3.64	16.95	PASS
NVNT	Band5	3	20635	15	#0	QPSK	22.81	-3.64	17.02	PASS

NVNT	Band5	3	20635	1	#0	16QAM	22.60	-3.64	16.81	PASS
NVNT	Band5	3	20635	1	#Mid	16QAM	22.68	-3.64	16.89	PASS
NVNT	Band5	3	20635	1	#Max	16QAM	21.92	-3.64	16.13	PASS
NVNT	Band5	3	20635	8	#0	16QAM	21.70	-3.64	15.91	PASS
NVNT	Band5	3	20635	8	#Mid	16QAM	21.77	-3.64	15.98	PASS
NVNT	Band5	3	20635	8	#Max	16QAM	21.86	-3.64	16.07	PASS
NVNT	Band5	3	20635	15	#0	16QAM	21.90	-3.64	16.11	PASS
NVNT	Band5	5	20425	1	#0	QPSK	23.60	-3.64	17.81	PASS
NVNT	Band5	5	20425	1	#Mid	QPSK	23.63	-3.64	17.84	PASS
NVNT	Band5	5	20425	1	#Max	QPSK	23.73	-3.64	17.94	PASS
NVNT	Band5	5	20425	12	#0	QPSK	22.58	-3.64	16.79	PASS
NVNT	Band5	5	20425	12	#Mid	QPSK	22.66	-3.64	16.87	PASS
NVNT	Band5	5	20425	12	#Max	QPSK	22.70	-3.64	16.91	PASS
NVNT	Band5	5	20425	25	#0	QPSK	22.73	-3.64	16.94	PASS
NVNT	Band5	5	20425	1	#0	16QAM	23.18	-3.64	17.39	PASS
NVNT	Band5	5	20425	1	#Mid	16QAM	23.26	-3.64	17.47	PASS
NVNT	Band5	5	20425	1	#Max	16QAM	23.31	-3.64	17.52	PASS
NVNT	Band5	5	20425	12	#0	16QAM	21.63	-3.64	15.84	PASS
NVNT	Band5	5	20425	12	#Mid	16QAM	21.74	-3.64	15.95	PASS
NVNT	Band5	5	20425	12	#Max	16QAM	21.69	-3.64	15.90	PASS
NVNT	Band5	5	20425	25	#0	16QAM	21.63	-3.64	15.84	PASS
NVNT	Band5	5	20525	1	#0	QPSK	23.79	-3.64	18.00	PASS
NVNT	Band5	5	20525	1	#Mid	QPSK	23.70	-3.64	17.91	PASS
NVNT	Band5	5	20525	1	#Max	QPSK	23.74	-3.64	17.95	PASS
NVNT	Band5	5	20525	12	#0	QPSK	22.71	-3.64	16.92	PASS
NVNT	Band5	5	20525	12	#Mid	QPSK	22.71	-3.64	16.92	PASS
NVNT	Band5	5	20525	12	#Max	QPSK	22.76	-3.64	16.97	PASS
NVNT	Band5	5	20525	25	#0	QPSK	22.84	-3.64	17.05	PASS
NVNT	Band5	5	20525	1	#0	16QAM	23.06	-3.64	17.27	PASS
NVNT	Band5	5	20525	1	#Mid	16QAM	23.10	-3.64	17.31	PASS
NVNT	Band5	5	20525	1	#Max	16QAM	23.08	-3.64	17.29	PASS
NVNT	Band5	5	20525	12	#0	16QAM	21.66	-3.64	15.87	PASS
NVNT	Band5	5	20525	12	#Mid	16QAM	21.64	-3.64	15.85	PASS
NVNT	Band5	5	20525	12	#Max	16QAM	21.70	-3.64	15.91	PASS
NVNT	Band5	5	20525	25	#0	16QAM	21.87	-3.64	16.08	PASS
NVNT	Band5	5	20625	1	#0	QPSK	23.86	-3.64	18.07	PASS
NVNT	Band5	5	20625	1	#Mid	QPSK	23.69	-3.64	17.90	PASS
NVNT	Band5	5	20625	1	#Max	QPSK	22.72	-3.64	16.93	PASS
NVNT	Band5	5	20625	12	#0	QPSK	22.73	-3.64	16.94	PASS
NVNT	Band5	5	20625	12	#Mid	QPSK	22.77	-3.64	16.98	PASS
NVNT	Band5	5	20625	12	#Max	QPSK	22.72	-3.64	16.93	PASS
NVNT	Band5	5	20625	25	#0	QPSK	22.95	-3.64	17.16	PASS

NVNT	Band5	5	20625	1	#0	16QAM	23.15	-3.64	17.36	PASS
NVNT	Band5	5	20625	1	#Mid	16QAM	22.99	-3.64	17.20	PASS
NVNT	Band5	5	20625	1	#Max	16QAM	22.16	-3.64	16.37	PASS
NVNT	Band5	5	20625	12	#0	16QAM	21.79	-3.64	16.00	PASS
NVNT	Band5	5	20625	12	#Mid	16QAM	21.76	-3.64	15.97	PASS
NVNT	Band5	5	20625	12	#Max	16QAM	21.64	-3.64	15.85	PASS
NVNT	Band5	5	20625	25	#0	16QAM	21.74	-3.64	15.95	PASS
NVNT	Band5	10	20450	1	#0	QPSK	23.69	-3.64	17.90	PASS
NVNT	Band5	10	20450	1	#Mid	QPSK	23.66	-3.64	17.87	PASS
NVNT	Band5	10	20450	1	#Max	QPSK	24.03	-3.64	18.24	PASS
NVNT	Band5	10	20450	25	#0	QPSK	22.67	-3.64	16.88	PASS
NVNT	Band5	10	20450	25	#Mid	QPSK	22.76	-3.64	16.97	PASS
NVNT	Band5	10	20450	25	#Max	QPSK	22.92	-3.64	17.13	PASS
NVNT	Band5	10	20450	50	#0	QPSK	22.91	-3.64	17.12	PASS
NVNT	Band5	10	20450	1	#0	16QAM	23.30	-3.64	17.51	PASS
NVNT	Band5	10	20450	1	#Mid	16QAM	23.13	-3.64	17.34	PASS
NVNT	Band5	10	20450	1	#Max	16QAM	23.55	-3.64	17.76	PASS
NVNT	Band5	10	20450	25	#0	16QAM	21.76	-3.64	15.97	PASS
NVNT	Band5	10	20450	25	#Mid	16QAM	21.84	-3.64	16.05	PASS
NVNT	Band5	10	20450	25	#Max	16QAM	21.93	-3.64	16.14	PASS
NVNT	Band5	10	20450	50	#0	16QAM	21.85	-3.64	16.06	PASS
NVNT	Band5	10	20525	1	#0	QPSK	23.92	-3.64	18.13	PASS
NVNT	Band5	10	20525	1	#Mid	QPSK	23.84	-3.64	18.05	PASS
NVNT	Band5	10	20525	1	#Max	QPSK	24.11	-3.64	18.32	PASS
NVNT	Band5	10	20525	25	#0	QPSK	22.71	-3.64	16.92	PASS
NVNT	Band5	10	20525	25	#Mid	QPSK	22.84	-3.64	17.05	PASS
NVNT	Band5	10	20525	25	#Max	QPSK	22.98	-3.64	17.19	PASS
NVNT	Band5	10	20525	50	#0	QPSK	22.96	-3.64	17.17	PASS
NVNT	Band5	10	20525	1	#0	16QAM	23.22	-3.64	17.43	PASS
NVNT	Band5	10	20525	1	#Mid	16QAM	23.01	-3.64	17.22	PASS
NVNT	Band5	10	20525	1	#Max	16QAM	23.45	-3.64	17.66	PASS
NVNT	Band5	10	20525	25	#0	16QAM	21.82	-3.64	16.03	PASS
NVNT	Band5	10	20525	25	#Mid	16QAM	21.81	-3.64	16.02	PASS
NVNT	Band5	10	20525	25	#Max	16QAM	21.92	-3.64	16.13	PASS
NVNT	Band5	10	20525	50	#0	16QAM	22.01	-3.64	16.22	PASS
NVNT	Band5	10	20600	1	#0	QPSK	24.03	-3.64	18.24	PASS
NVNT	Band5	10	20600	1	#Mid	QPSK	23.94	-3.64	18.15	PASS
NVNT	Band5	10	20600	1	#Max	QPSK	22.77	-3.64	16.98	PASS
NVNT	Band5	10	20600	25	#0	QPSK	22.81	-3.64	17.02	PASS
NVNT	Band5	10	20600	25	#Mid	QPSK	22.93	-3.64	17.14	PASS
NVNT	Band5	10	20600	25	#Max	QPSK	22.93	-3.64	17.14	PASS
NVNT	Band5	10	20600	50	#0	QPSK	23.08	-3.64	17.29	PASS

NVNT	Band5	10	20600	1	#0	16QAM	22.91	-3.64	17.12	PASS
NVNT	Band5	10	20600	1	#Mid	16QAM	22.87	-3.64	17.08	PASS
NVNT	Band5	10	20600	1	#Max	16QAM	21.95	-3.64	16.16	PASS
NVNT	Band5	10	20600	25	#0	16QAM	21.92	-3.64	16.13	PASS
NVNT	Band5	10	20600	25	#Mid	16QAM	21.98	-3.64	16.19	PASS
NVNT	Band5	10	20600	25	#Max	16QAM	21.96	-3.64	16.17	PASS
NVNT	Band5	10	20600	50	#0	16QAM	21.97	-3.64	16.18	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	LV	NT	-14.19	-0.017	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	NT	-13.92	-0.017	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	HV	NT	-12.92	-0.016	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	LV	NT	-12.40	-0.015	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	NT	-11.57	-0.014	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	HV	NT	-10.16	-0.012	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	LV	NT	-13.12	-0.016	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	NT	-11.72	-0.014	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	HV	NT	-11.64	-0.014	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	LV	NT	-12.66	-0.015	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	NT	-11.74	-0.014	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	HV	NT	-10.39	-0.012	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	LV	NT	-7.70	-0.009	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	NT	-7.71	-0.009	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	HV	NT	-7.32	-0.009	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	LV	NT	-6.58	-0.008	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	NT	-5.75	-0.007	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	HV	NT	-5.28	-0.006	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	LV	NT	3.55	0.004	PASS

NVNT	Band 5	3	20415	15	#0	QPSK	NV	NT	3.42	0.004	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	HV	NT	2.95	0.004	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	LV	NT	3.55	0.004	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	NT	1.24	0.002	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	HV	NT	2.07	0.003	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	LV	NT	4.59	0.005	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	NT	3.35	0.004	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	HV	NT	3.42	0.004	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	LV	NT	1.19	0.001	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	NT	1.59	0.002	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	HV	NT	1.75	0.002	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	LV	NT	0.83	0.001	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	NT	1.66	0.002	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	HV	NT	1.47	0.002	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	LV	NT	0.27	0.000	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	NT	0.17	0.000	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	HV	NT	0.64	0.001	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	LV	NT	-0.69	-0.001	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	NT	-0.09	0.000	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	HV	NT	0.07	0.000	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	LV	NT	0.66	0.001	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	NT	1.26	0.002	PASS

	5										
NVNT	Band 5	5	20425	25	#0	16QAM	HV	NT	-0.57	-0.001	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	LV	NT	0.87	0.001	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	NT	-0.86	-0.001	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	HV	NT	0.34	0.000	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	LV	NT	-0.69	-0.001	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	NT	0.76	0.001	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	HV	NT	1.54	0.002	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	LV	NT	4.51	0.005	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	NT	4.19	0.005	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	HV	NT	2.86	0.003	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	LV	NT	3.30	0.004	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	NT	4.58	0.005	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	HV	NT	4.06	0.005	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	LV	NT	0.77	0.001	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	NT	0.26	0.000	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	HV	NT	0.69	0.001	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	LV	NT	0.11	0.000	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	NT	0.37	0.000	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	HV	NT	1.03	0.001	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	LV	NT	0.47	0.001	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	NT	0.77	0.001	PASS

NVNT	Band 5	10	20525	50	#0	QPSK	HV	NT	0.82	0.001	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	LV	NT	0.27	0.000	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	NT	-0.17	0.000	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	HV	NT	0.19	0.000	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	LV	NT	0.50	0.001	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	NT	0.41	0.000	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	HV	NT	1.00	0.001	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	LV	NT	1.02	0.001	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	NT	0.04	0.000	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	HV	NT	0.76	0.001	PASS

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	-9.10	-0.011	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	-20	-9.57	-0.012	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	0	-10.89	-0.013	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	10	-12.66	-0.015	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	20	-11.90	-0.014	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	30	-12.46	-0.015	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	40	-13.58	-0.016	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	50	-13.35	-0.016	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	-30	-14.06	-0.017	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	-20	-13.07	-0.016	PASS

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NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	0	-13.02	-0.016	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	10	-13.78	-0.017	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	20	-13.46	-0.016	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	30	-11.94	-0.014	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	40	-11.64	-0.014	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	50	-11.09	-0.013	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	-30	5.18	0.006	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	-20	6.04	0.007	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	0	5.71	0.007	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	10	5.69	0.007	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	20	6.85	0.008	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	30	7.98	0.010	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	40	10.11	0.012	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	50	10.33	0.012	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	-30	11.43	0.014	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	-20	11.47	0.014	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	0	15.05	0.018	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	10	13.89	0.017	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	20	16.81	0.020	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	30	14.86	0.018	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	40	14.98	0.018	PASS

NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	50	16.14	0.019	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	-30	-4.02	-0.005	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	-20	-4.62	-0.005	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	0	-4.89	-0.006	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	10	-5.45	-0.006	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	20	-5.49	-0.006	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	30	-5.02	-0.006	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	40	-6.82	-0.008	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	50	-6.14	-0.007	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	-30	-8.33	-0.010	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	-20	-8.75	-0.010	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	0	-9.36	-0.011	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	10	-8.84	-0.010	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	20	-10.01	-0.012	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	30	-11.24	-0.013	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	40	-11.49	-0.014	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	50	-13.06	-0.015	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	-30	1.52	0.002	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	-20	2.46	0.003	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	0	2.13	0.003	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	10	2.55	0.003	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	20	3.13	0.004	PASS

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NVNT	Band 5	3	20415	15	#0	QPSK	NV	30	2.92	0.004	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	40	3.26	0.004	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	50	2.19	0.003	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	-30	3.91	0.005	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	-20	2.33	0.003	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	0	1.79	0.002	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	10	1.99	0.002	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	20	2.76	0.003	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	30	1.46	0.002	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	40	2.09	0.003	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	50	3.20	0.004	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	-30	2.50	0.003	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	-20	1.59	0.002	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	0	1.12	0.001	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	10	0.82	0.001	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	20	0.86	0.001	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	30	1.44	0.002	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	40	3.05	0.004	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	50	2.32	0.003	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	-30	0.69	0.001	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	-20	1.20	0.001	PASS

NVNT	Band 5	3	20525	15	#0	16QAM	NV	0	1.59	0.002	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	10	0.77	0.001	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	20	0.96	0.001	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	30	0.51	0.001	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	40	1.23	0.001	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	50	1.33	0.002	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	-30	0.09	0.000	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	-20	0.19	0.000	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	0	0.73	0.001	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	10	1.07	0.001	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	20	-0.53	-0.001	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	30	-0.29	0.000	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	40	1.40	0.002	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	50	0.51	0.001	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	-30	-0.56	-0.001	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	-20	-0.46	-0.001	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	0	-0.26	0.000	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	10	-0.39	0.000	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	20	-0.44	-0.001	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	30	0.16	0.000	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	40	1.17	0.001	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	50	-0.47	-0.001	PASS

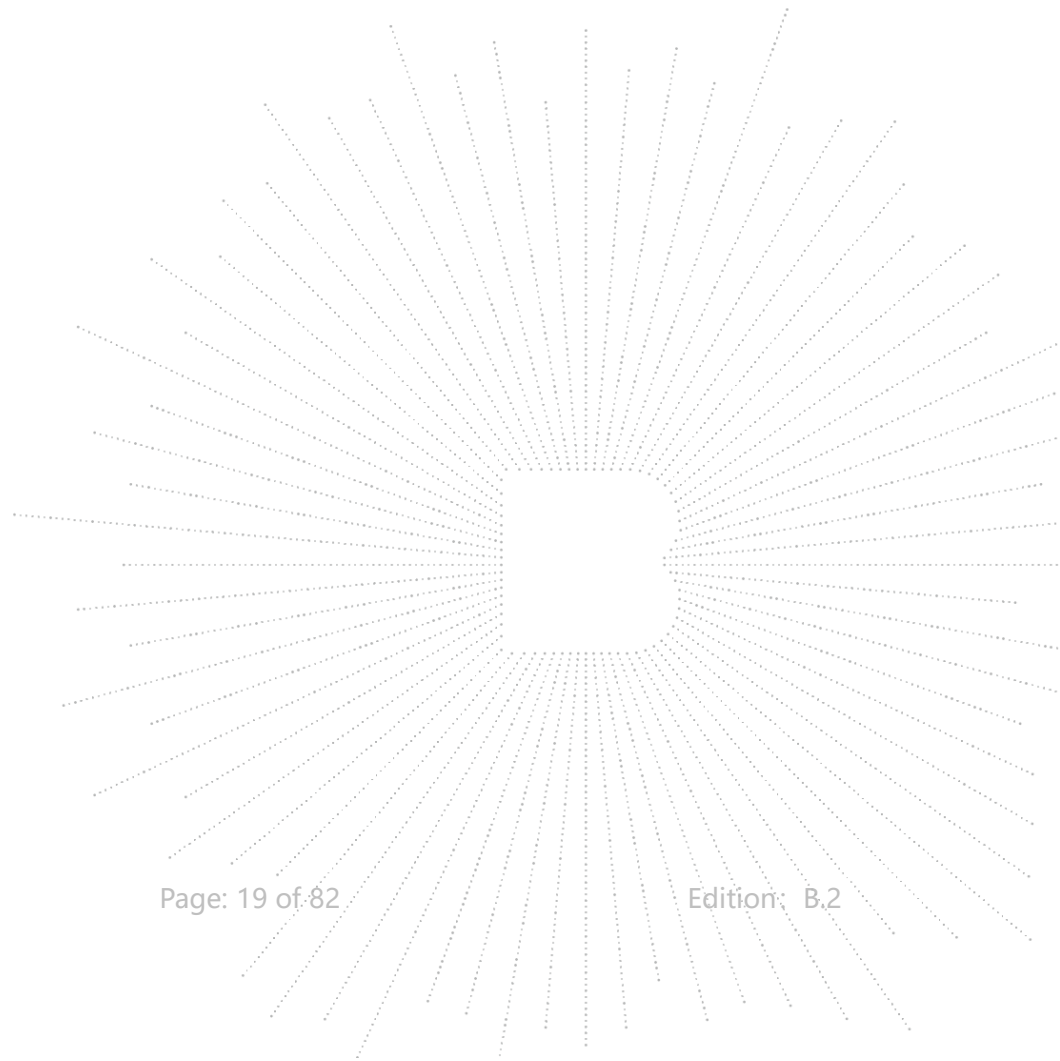
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NVNT	Band 5	5	20425	25	#0	QPSK	NV	-30	0.66	0.001	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	-20	0.01	0.000	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	0	0.27	0.000	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	10	0.82	0.001	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	20	-0.17	0.000	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	30	1.30	0.002	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	40	0.87	0.001	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	50	-0.30	0.000	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	-30	1.36	0.002	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	-20	0.94	0.001	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	0	0.94	0.001	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	10	0.63	0.001	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	20	0.16	0.000	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	30	2.07	0.003	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	40	-0.29	0.000	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	50	0.26	0.000	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	-30	0.13	0.000	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	-20	1.32	0.002	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	0	1.57	0.002	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	10	0.62	0.001	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	20	0.47	0.001	PASS

NVNT	Band 5	5	20525	25	#0	QPSK	NV	30	0.77	0.001	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	40	0.72	0.001	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	50	1.10	0.001	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	-30	1.23	0.001	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	-20	1.52	0.002	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	0	1.29	0.002	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	10	0.41	0.000	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	20	0.13	0.000	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	30	-0.24	0.000	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	40	0.19	0.000	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	50	1.09	0.001	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	-30	0.66	0.001	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	-20	1.22	0.001	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	0	1.72	0.002	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	10	1.09	0.001	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	20	1.82	0.002	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	30	1.57	0.002	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	40	0.89	0.001	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	50	1.60	0.002	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	-30	2.06	0.002	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	-20	0.07	0.000	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	0	0.36	0.000	PASS

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NVNT	Band 5	5	20625	25	#0	16QAM	NV	10	0.39	0.000	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	20	0.62	0.001	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	30	0.30	0.000	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	40	0.40	0.000	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	50	1.39	0.002	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	-30	0.57	0.001	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	-20	1.53	0.002	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	0	1.30	0.002	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	10	1.09	0.001	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	20	1.46	0.002	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	30	1.42	0.002	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	40	1.59	0.002	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	50	0.07	0.000	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	-30	1.00	0.001	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	-20	1.87	0.002	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	0	0.31	0.000	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	10	0.31	0.000	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	20	1.77	0.002	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	30	1.19	0.001	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	40	0.84	0.001	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	50	0.11	0.000	PASS

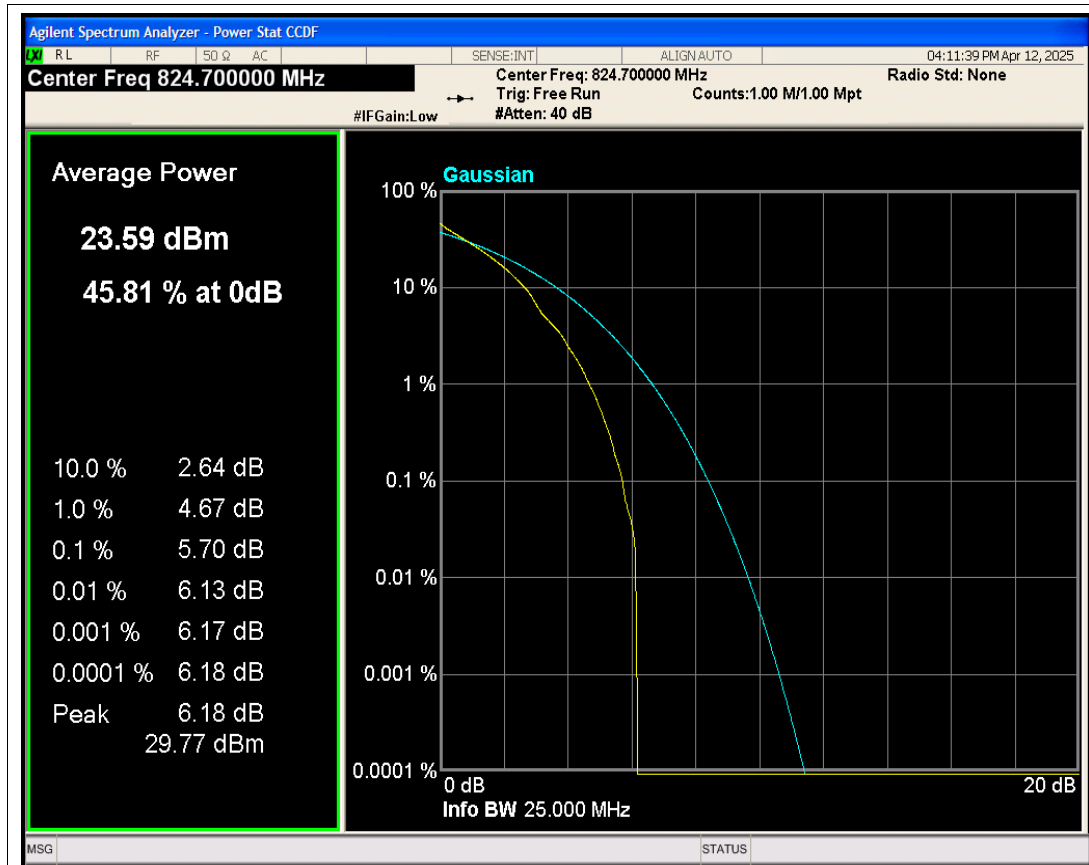
NVNT	Band 5	10	20525	50	#0	QPSK	NV	-30	1.39	0.002	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	-20	0.34	0.000	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	0	1.79	0.002	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	10	0.30	0.000	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	20	0.44	0.001	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	30	2.27	0.003	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	40	0.19	0.000	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	50	-0.23	0.000	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	-30	1.02	0.001	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	-20	0.76	0.001	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	0	1.07	0.001	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	10	0.93	0.001	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	20	1.17	0.001	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	30	0.96	0.001	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	40	0.64	0.001	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	50	0.23	0.000	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	-30	0.60	0.001	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	-20	1.10	0.001	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	0	1.29	0.002	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	10	1.79	0.002	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	20	1.96	0.002	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	30	1.83	0.002	PASS

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NVNT	Band 5	10	20600	50	#0	QPSK	NV	40	1.04	0.001	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	50	1.85	0.002	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	-30	1.00	0.001	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	-20	1.65	0.002	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	0	1.65	0.002	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	10	1.03	0.001	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	20	0.37	0.000	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	30	0.86	0.001	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	40	1.66	0.002	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	50	1.34	0.002	PASS

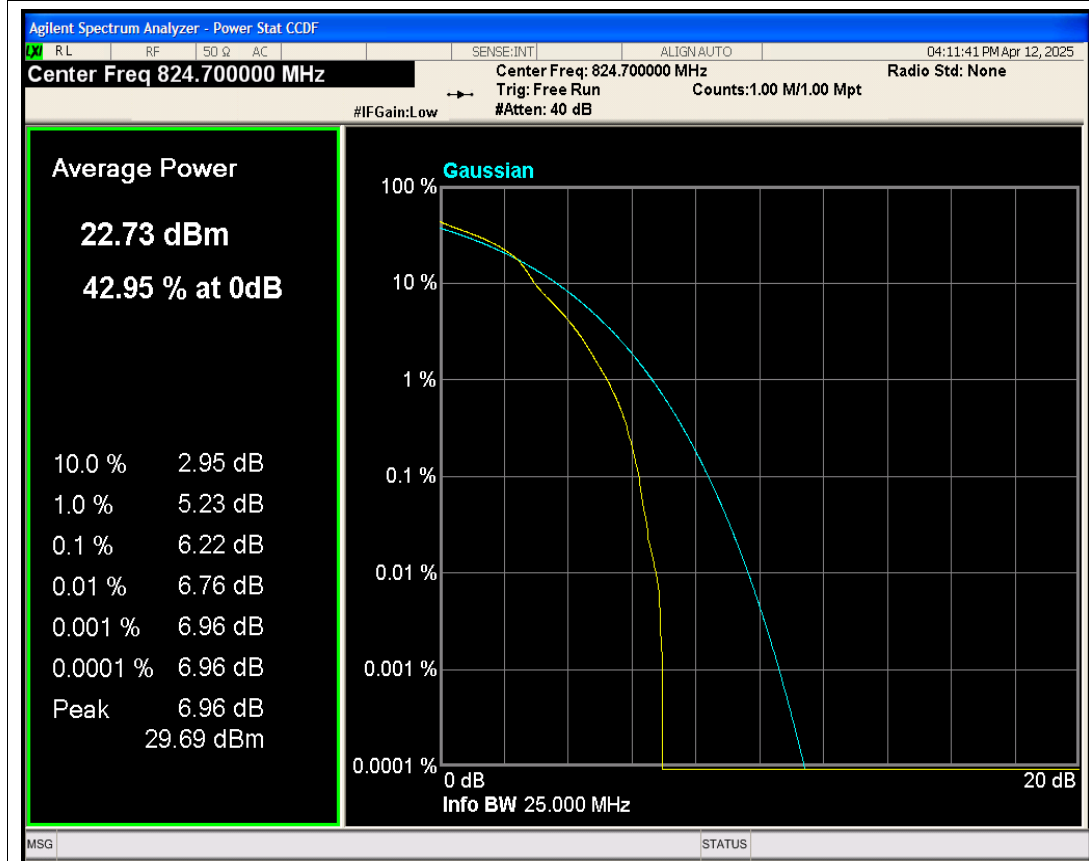


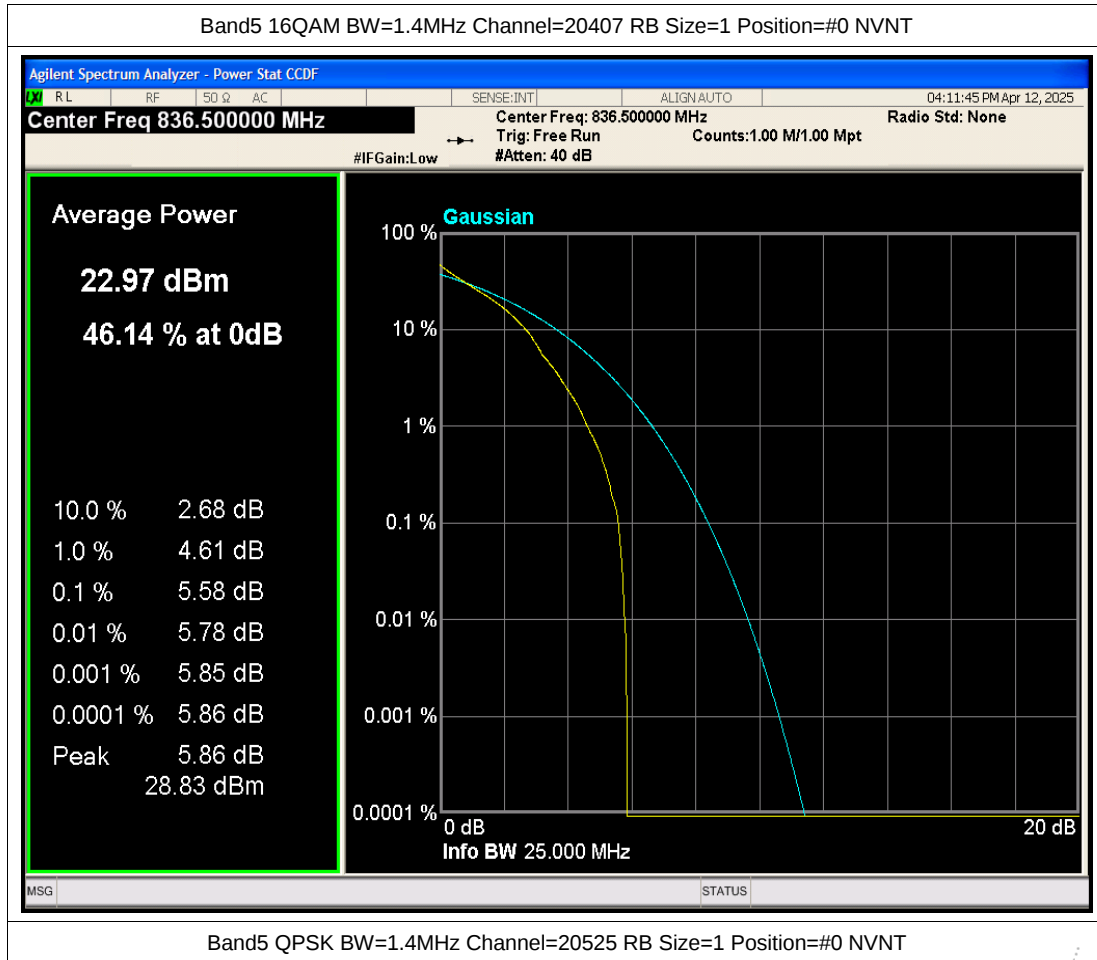
Appendix 3. Peak-to-Average Ratio

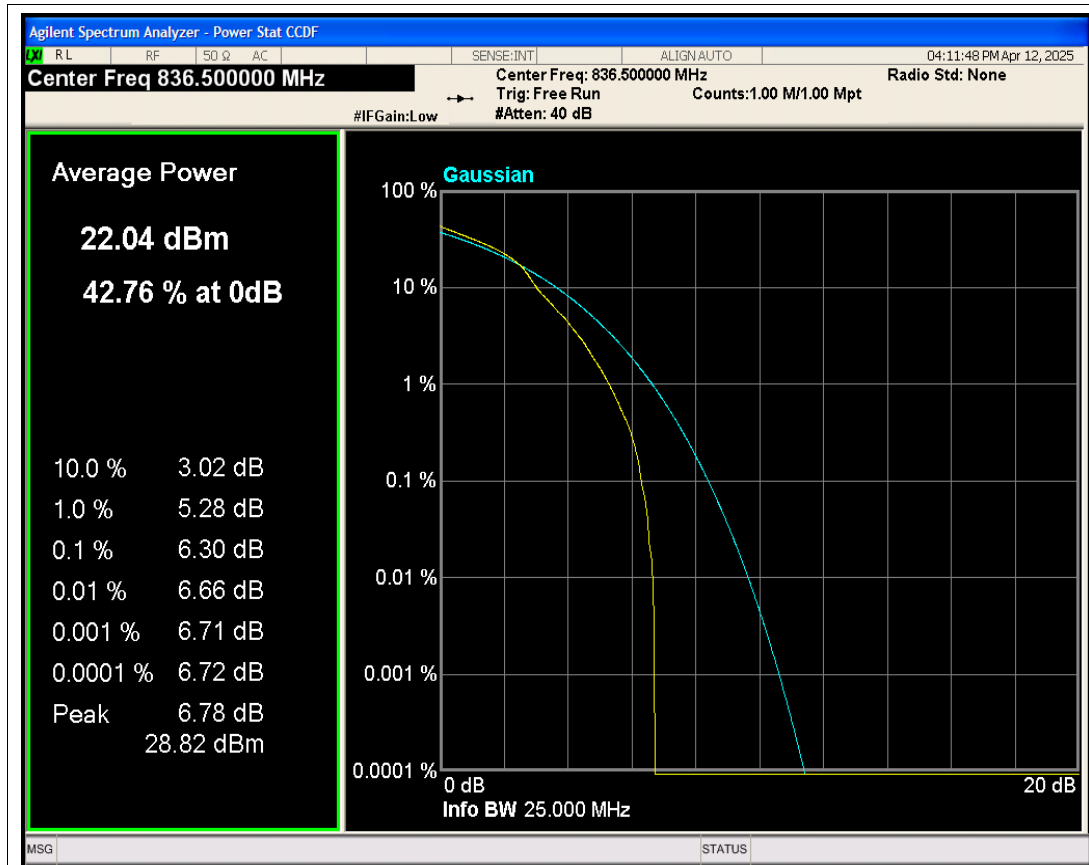
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band5	1.4	20407	1	#0	QPSK	5.70	13	PASS
NVNT	Band5	1.4	20407	1	#0	16QAM	6.22	13	PASS
NVNT	Band5	1.4	20525	1	#0	QPSK	5.58	13	PASS
NVNT	Band5	1.4	20525	1	#0	16QAM	6.30	13	PASS
NVNT	Band5	1.4	20643	1	#0	QPSK	4.45	13	PASS
NVNT	Band5	1.4	20643	1	#0	16QAM	5.43	13	PASS
NVNT	Band5	3	20415	1	#0	QPSK	5.50	13	PASS
NVNT	Band5	3	20415	1	#0	16QAM	6.13	13	PASS
NVNT	Band5	3	20525	1	#0	QPSK	5.53	13	PASS
NVNT	Band5	3	20525	1	#0	16QAM	6.29	13	PASS
NVNT	Band5	3	20635	1	#0	QPSK	3.67	13	PASS
NVNT	Band5	3	20635	1	#0	16QAM	4.49	13	PASS
NVNT	Band5	5	20425	1	#0	QPSK	5.90	13	PASS
NVNT	Band5	5	20425	1	#0	16QAM	6.37	13	PASS
NVNT	Band5	5	20525	1	#0	QPSK	5.36	13	PASS
NVNT	Band5	5	20525	1	#0	16QAM	5.91	13	PASS
NVNT	Band5	5	20625	1	#0	QPSK	4.52	13	PASS
NVNT	Band5	5	20625	1	#0	16QAM	5.28	13	PASS
NVNT	Band5	10	20450	1	#0	QPSK	5.79	13	PASS
NVNT	Band5	10	20450	1	#0	16QAM	6.49	13	PASS
NVNT	Band5	10	20525	1	#0	QPSK	5.72	13	PASS
NVNT	Band5	10	20525	1	#0	16QAM	6.78	13	PASS
NVNT	Band5	10	20600	1	#0	QPSK	5.50	13	PASS
NVNT	Band5	10	20600	1	#0	16QAM	6.13	13	PASS



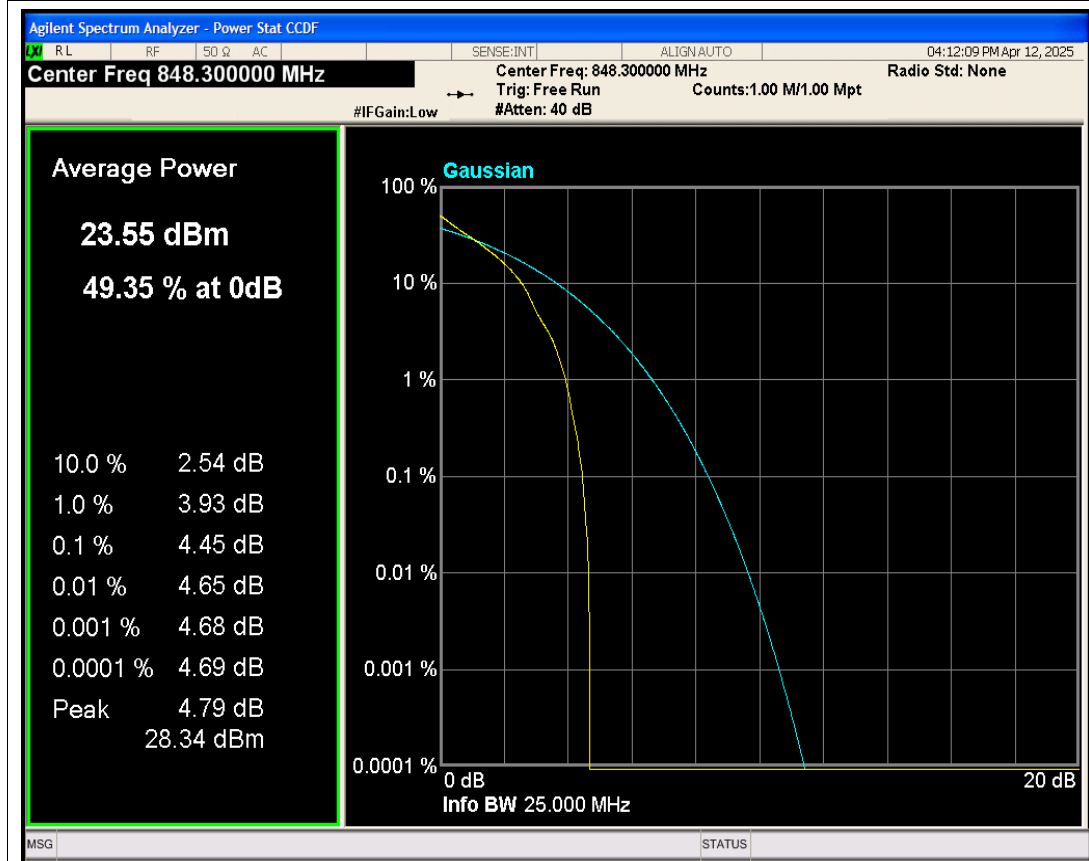
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0 NVNT

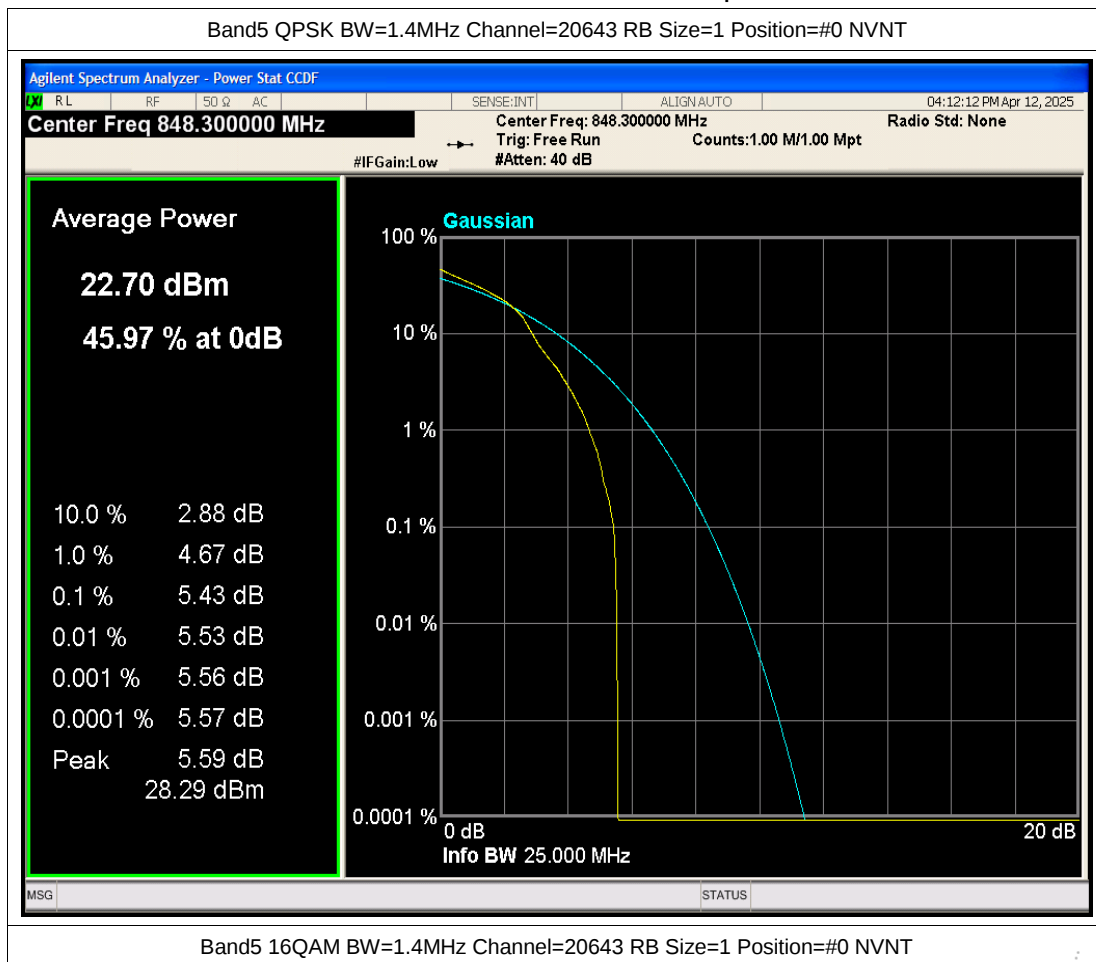


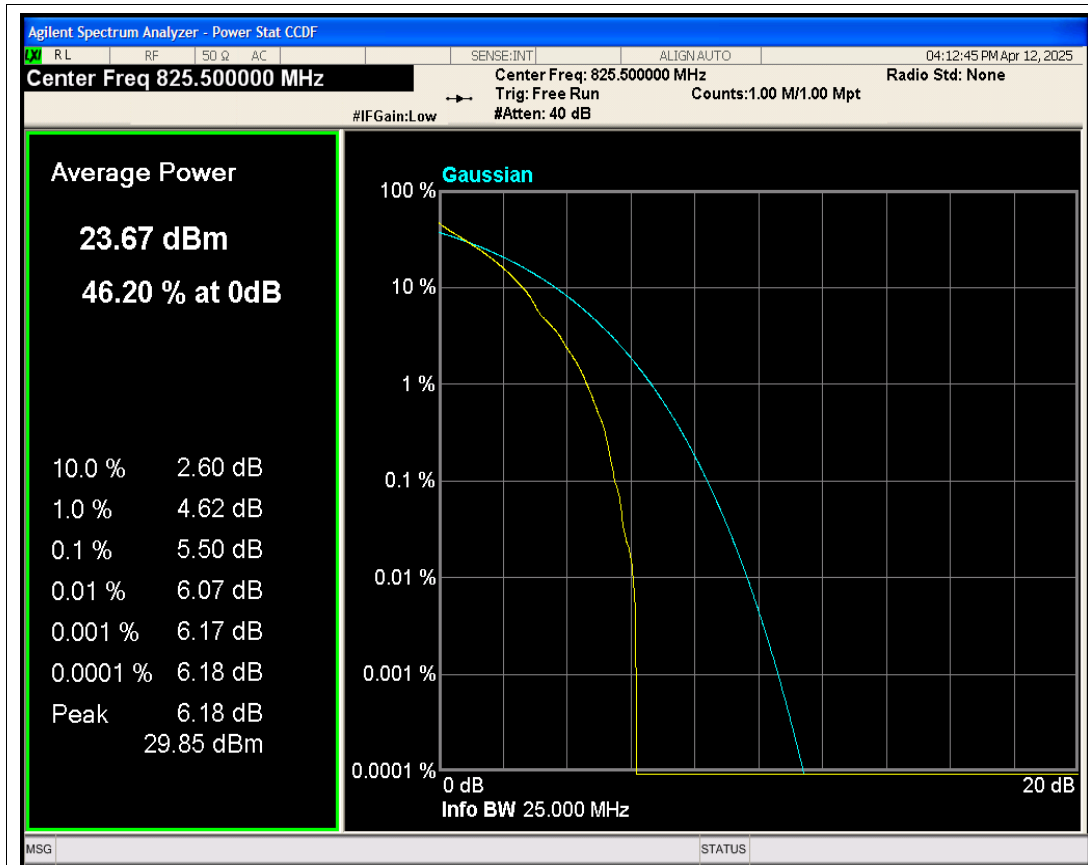




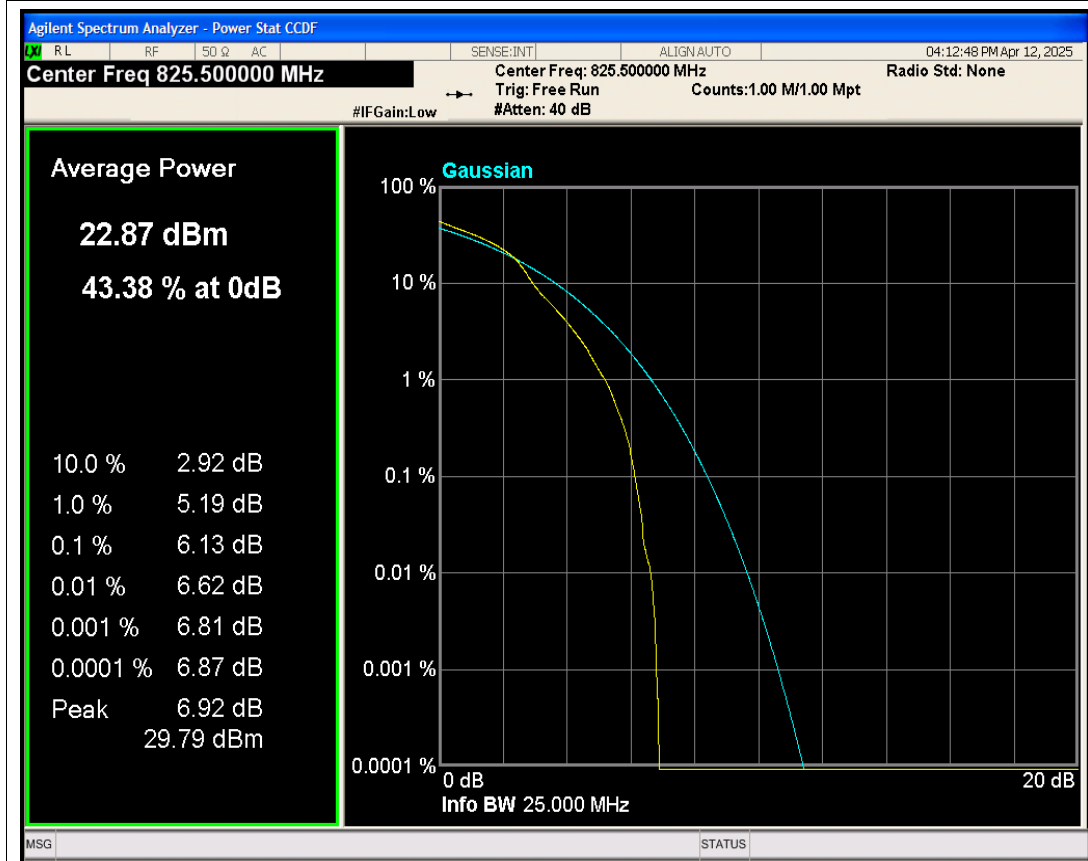
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0 NVNT

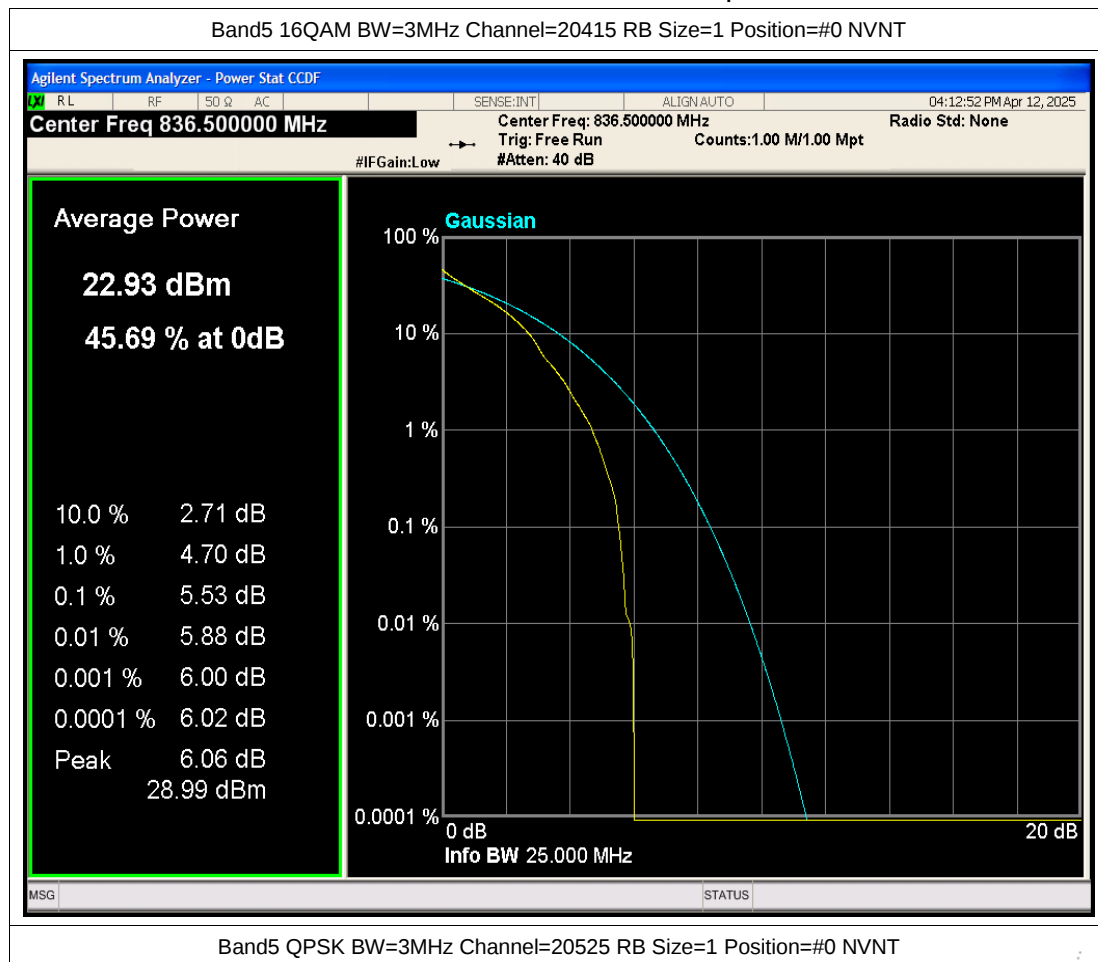


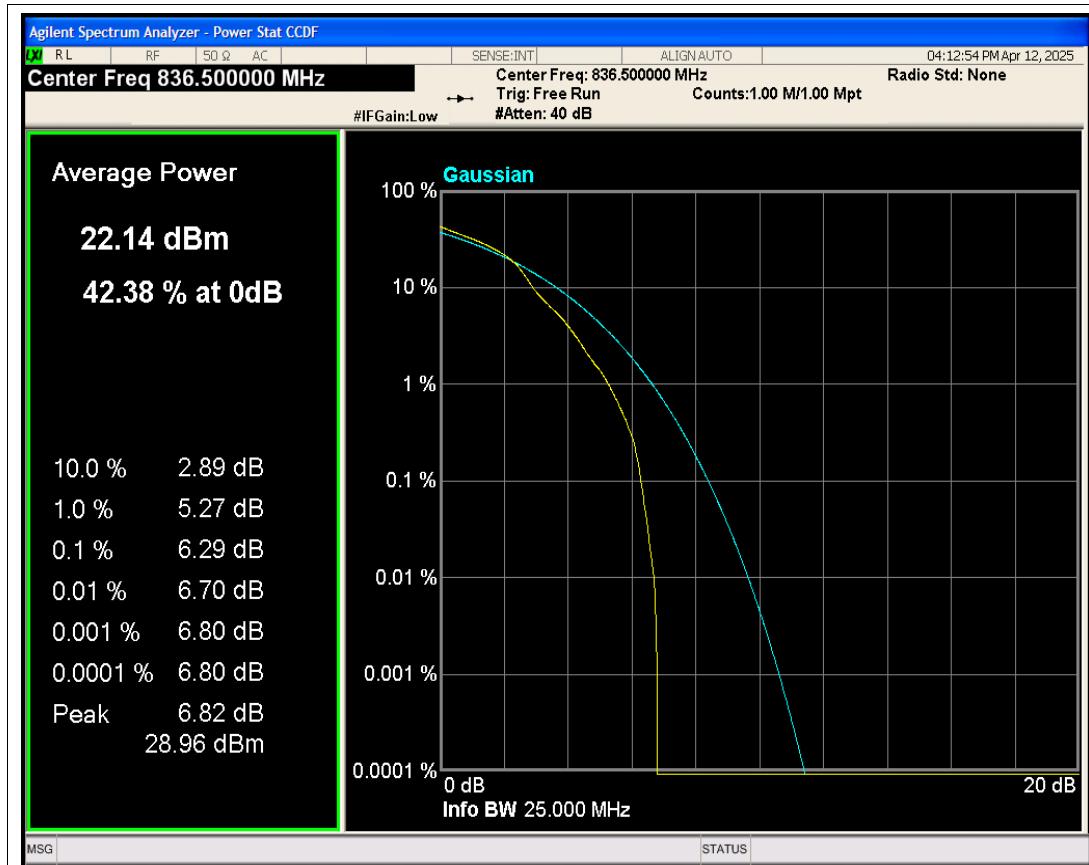




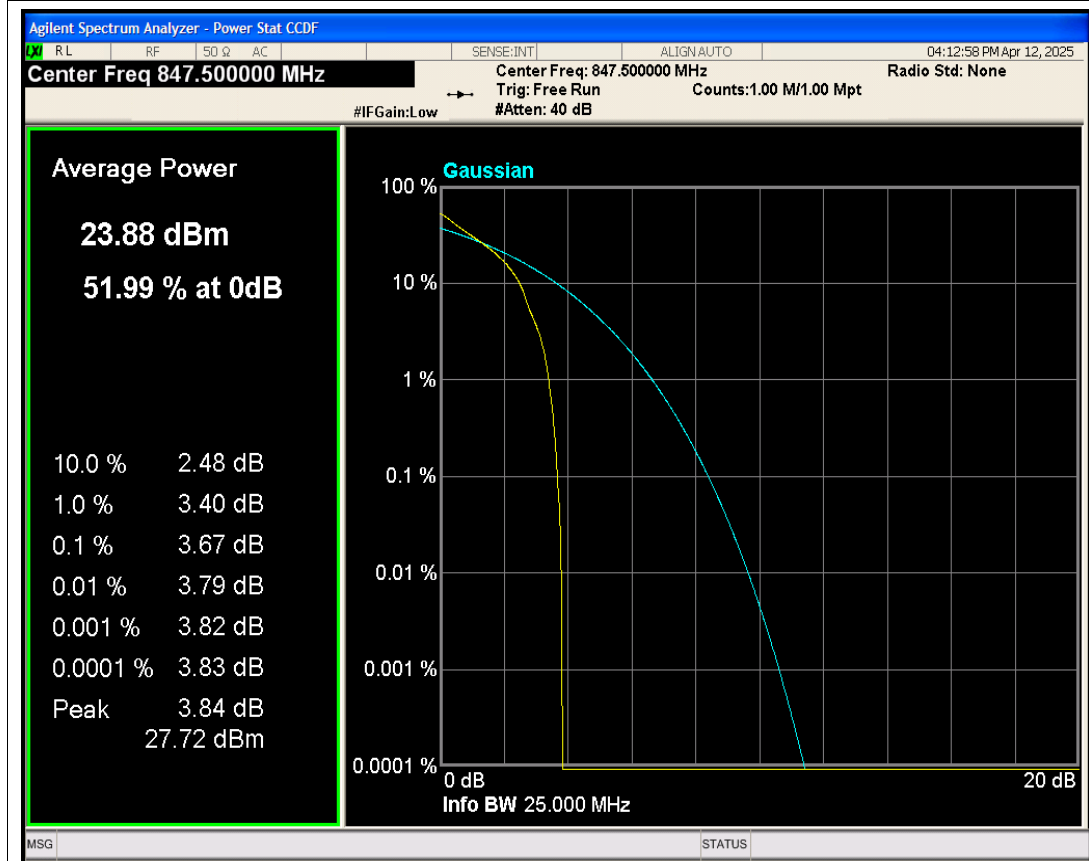
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0 NVNT

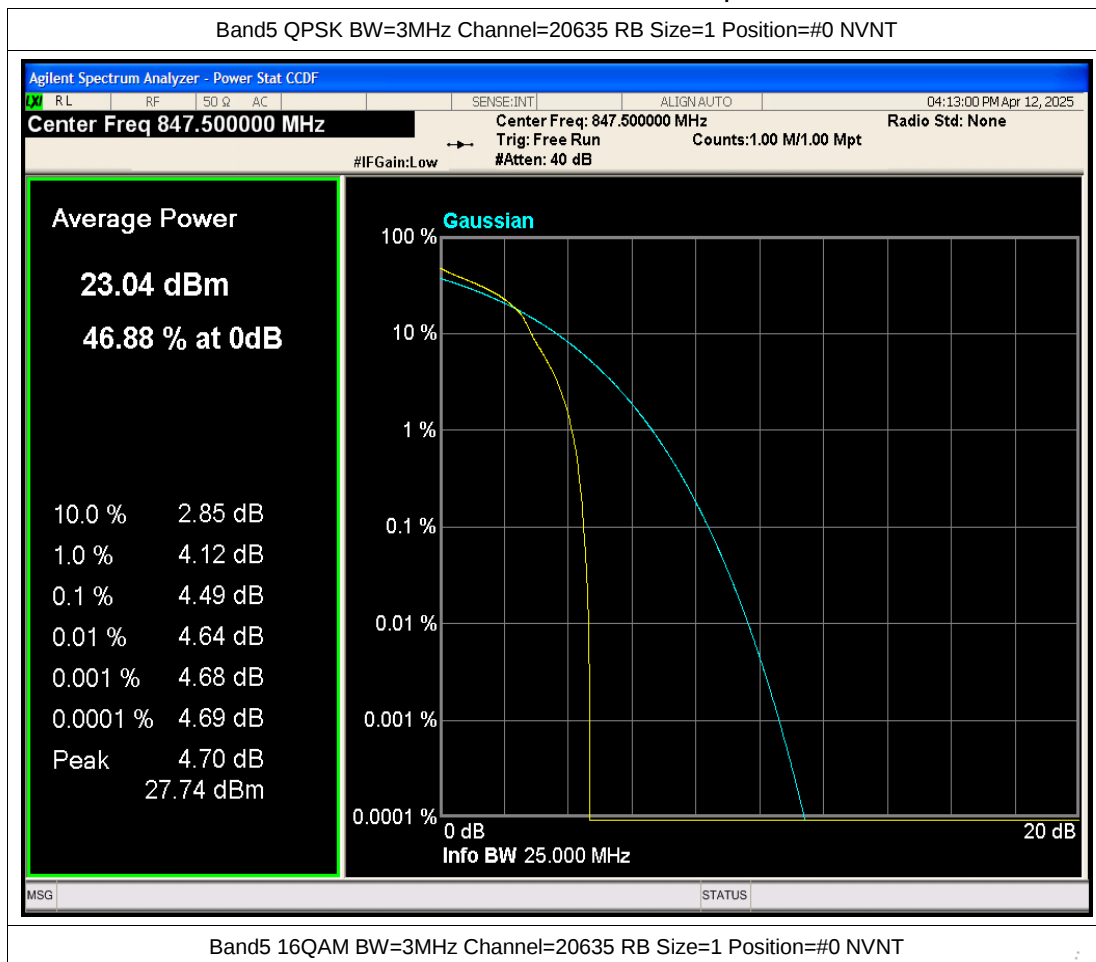


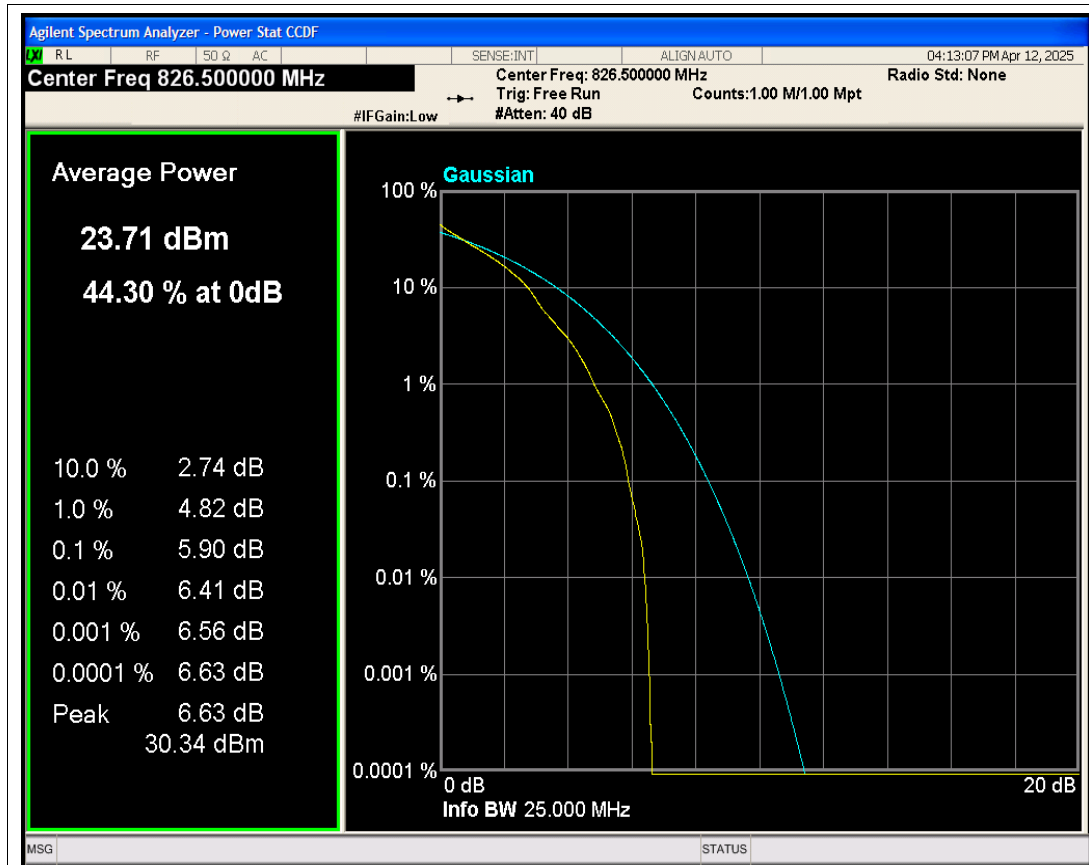




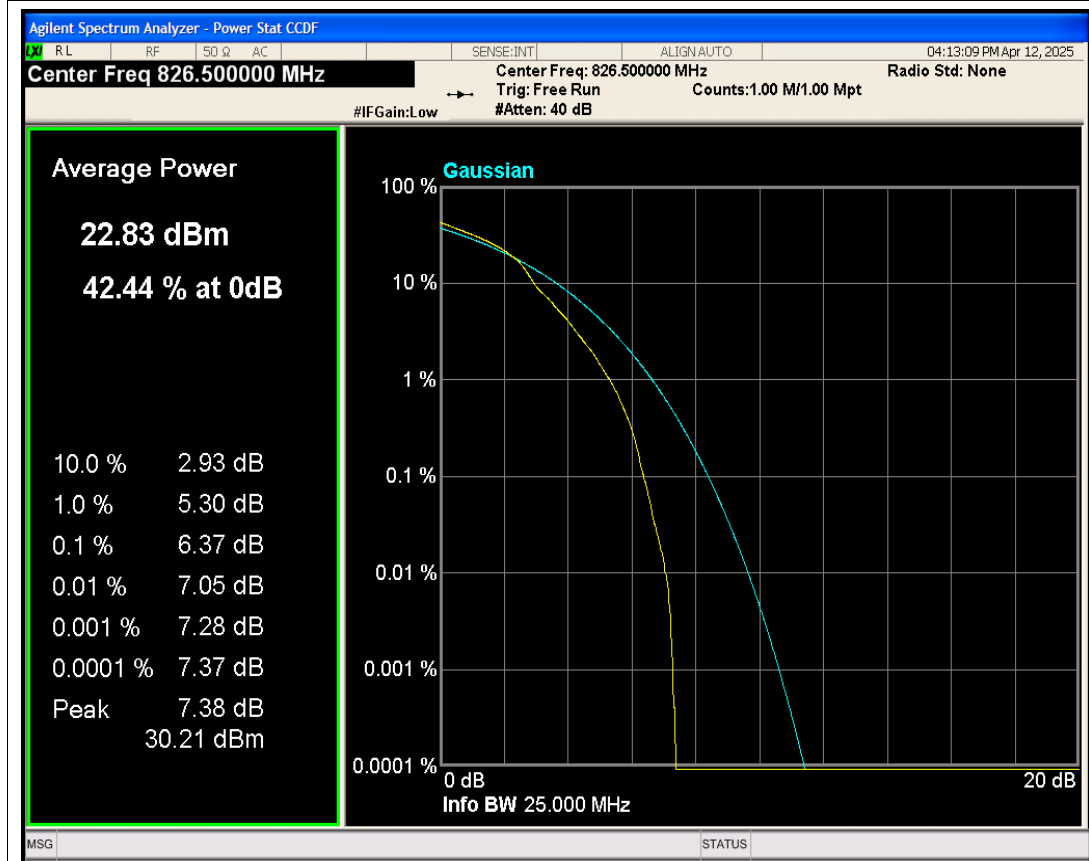
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0 NVNT

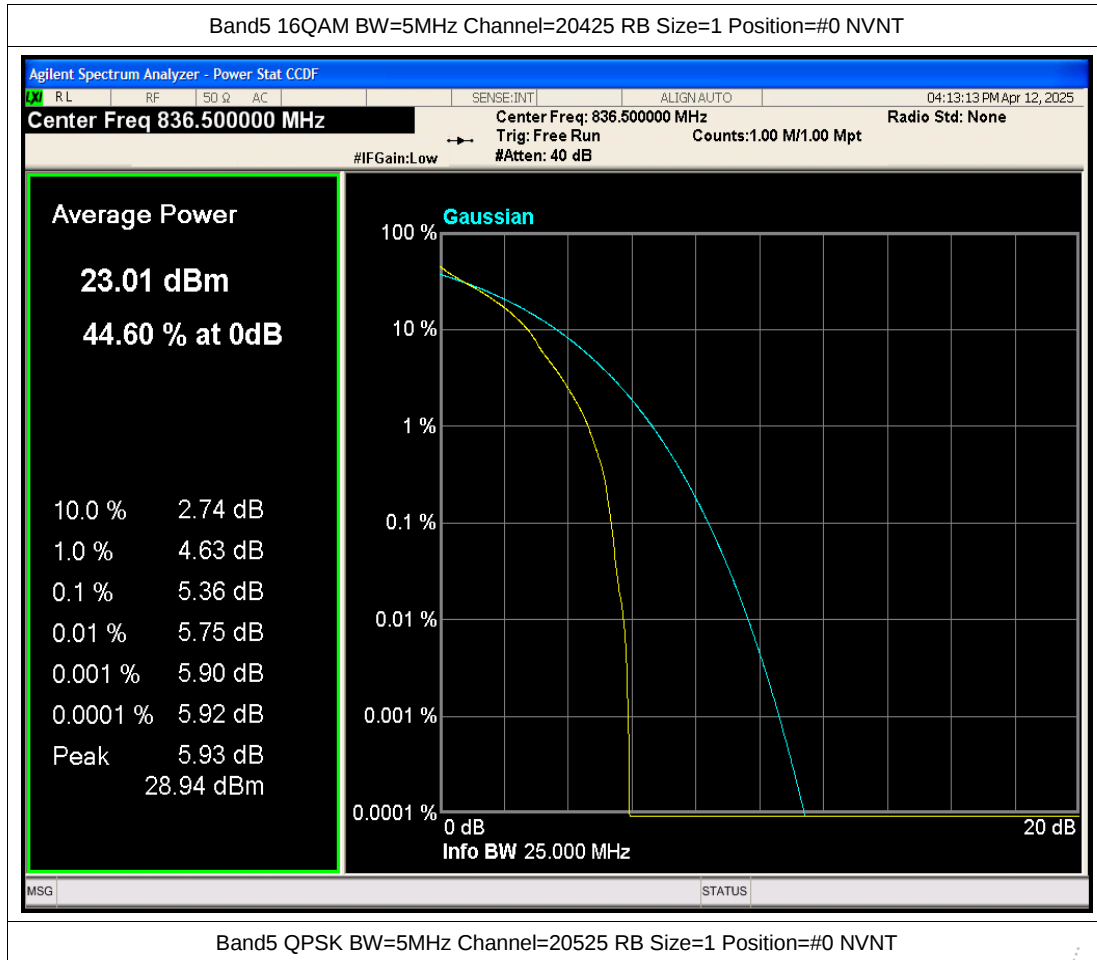


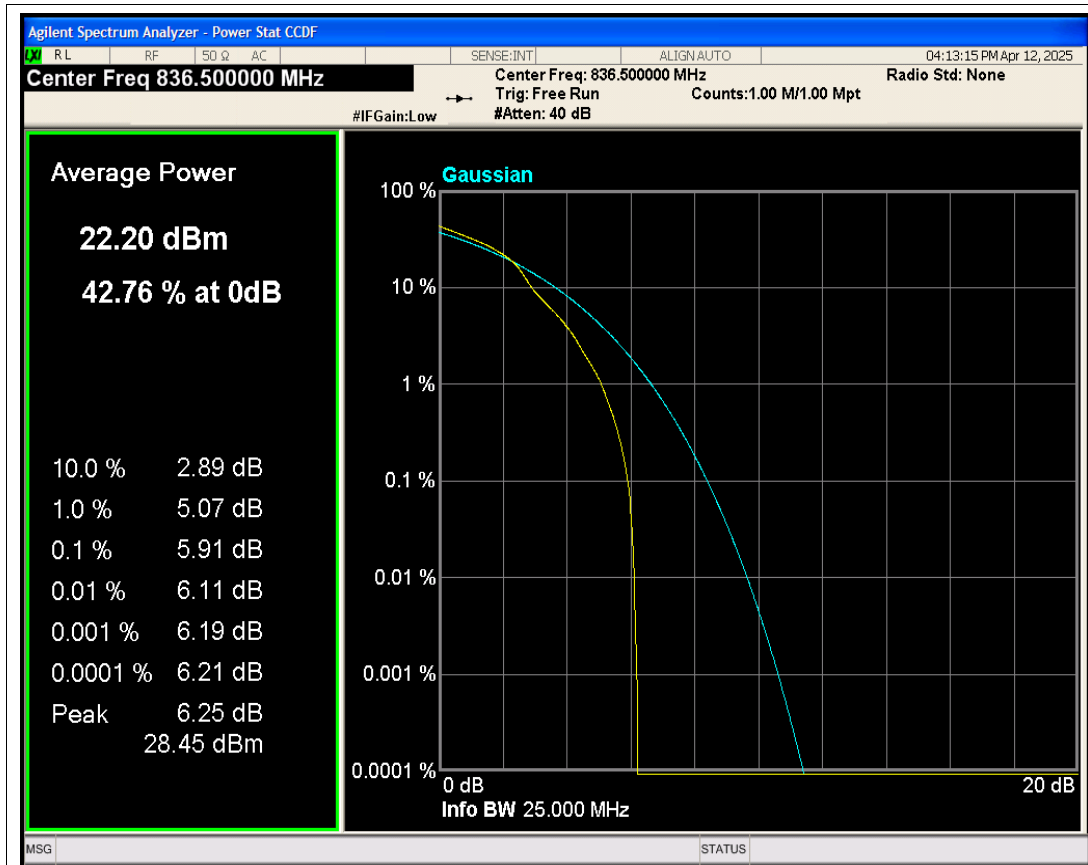




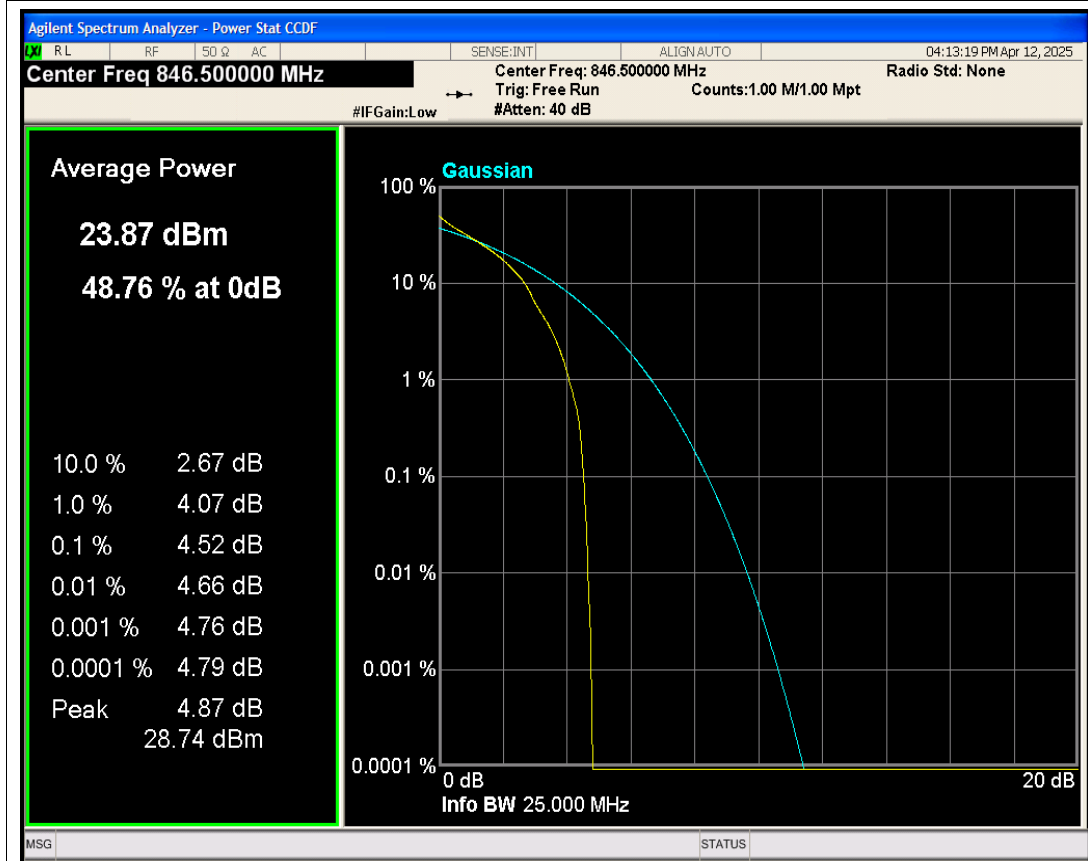
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0 NVNT

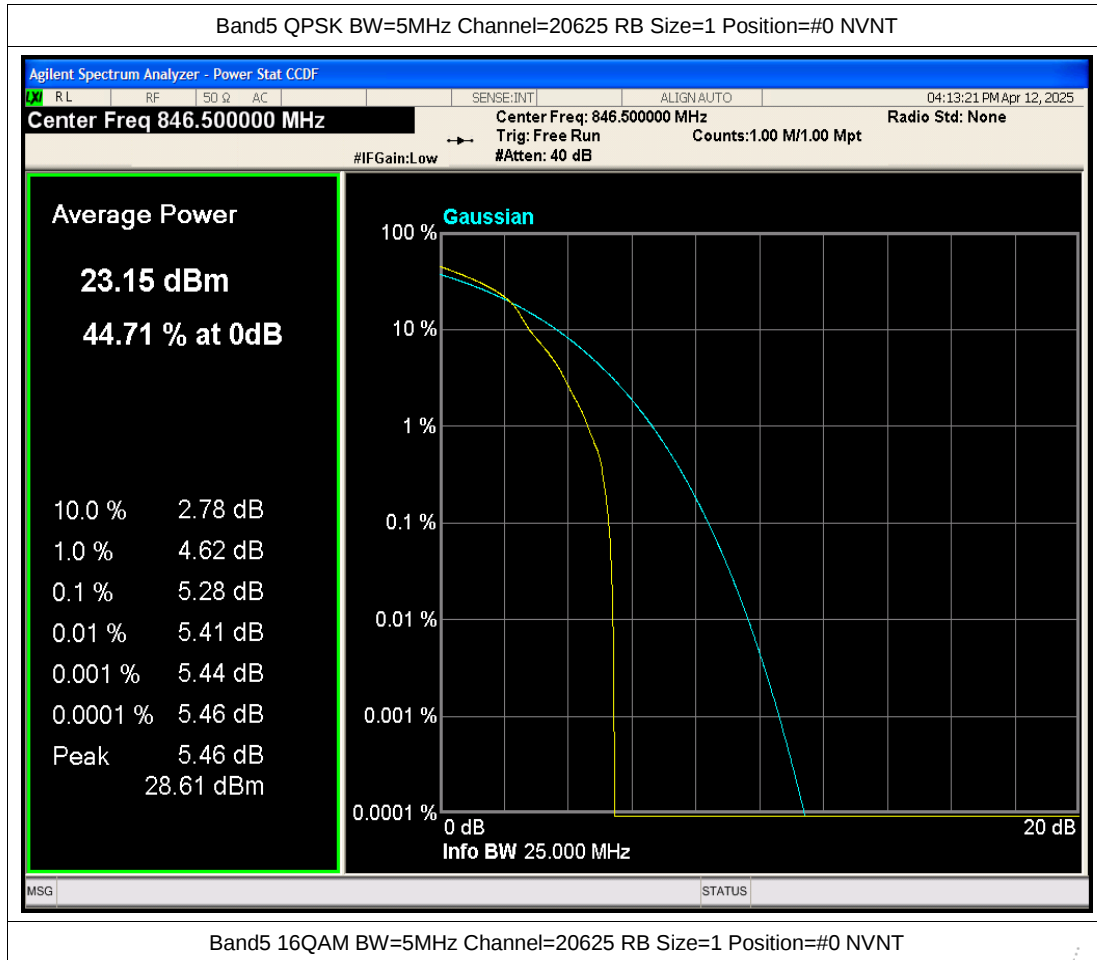


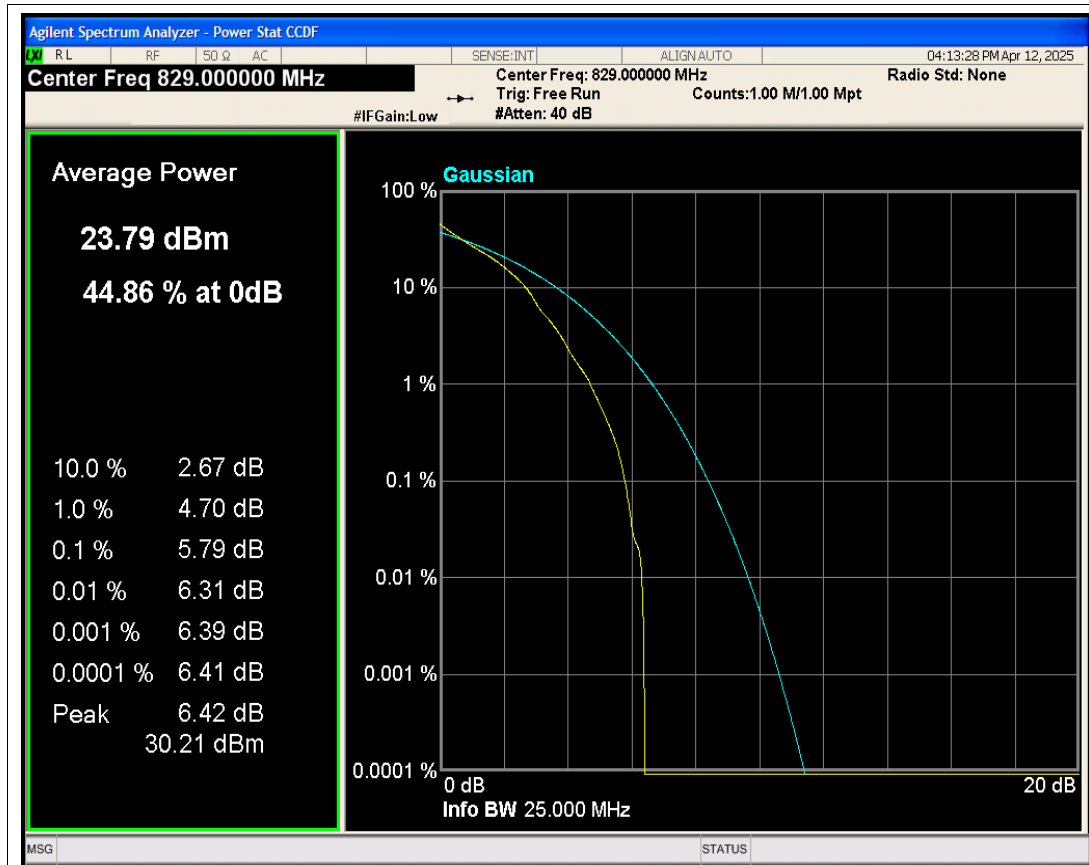




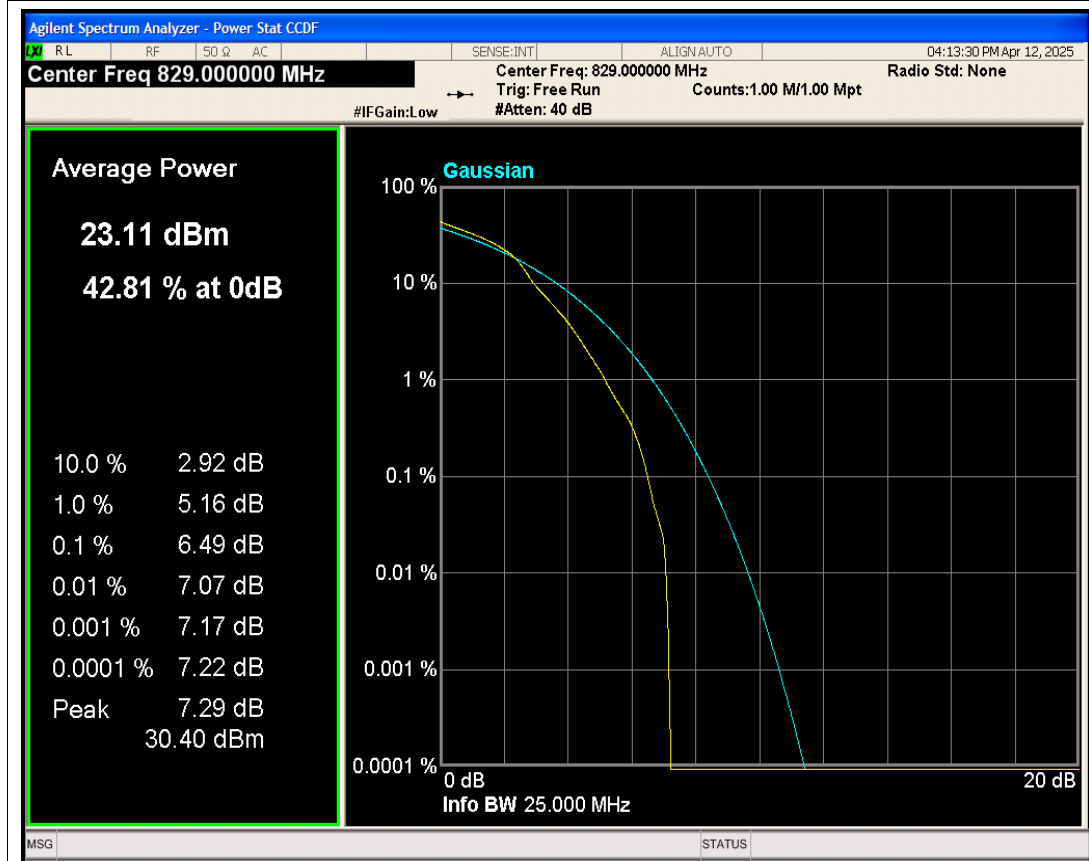
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0 NVNT

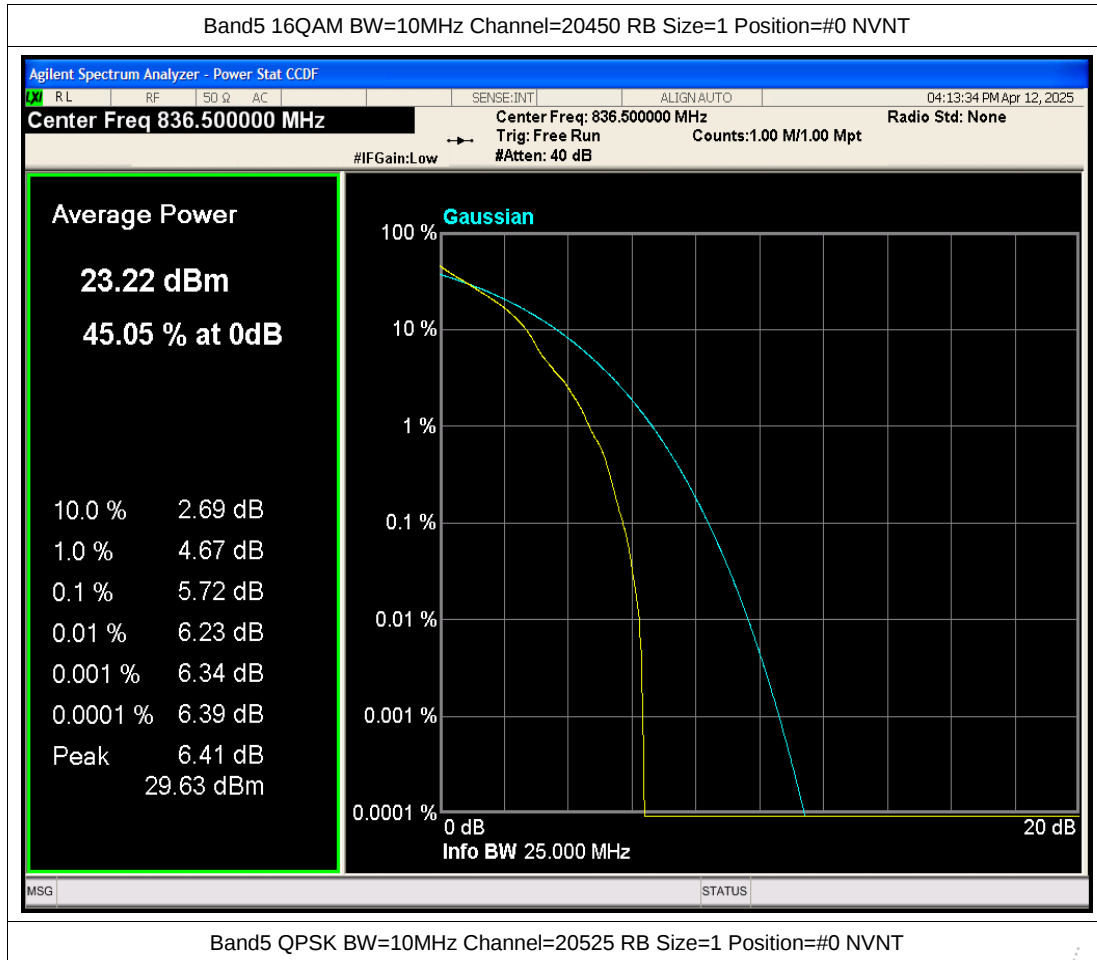


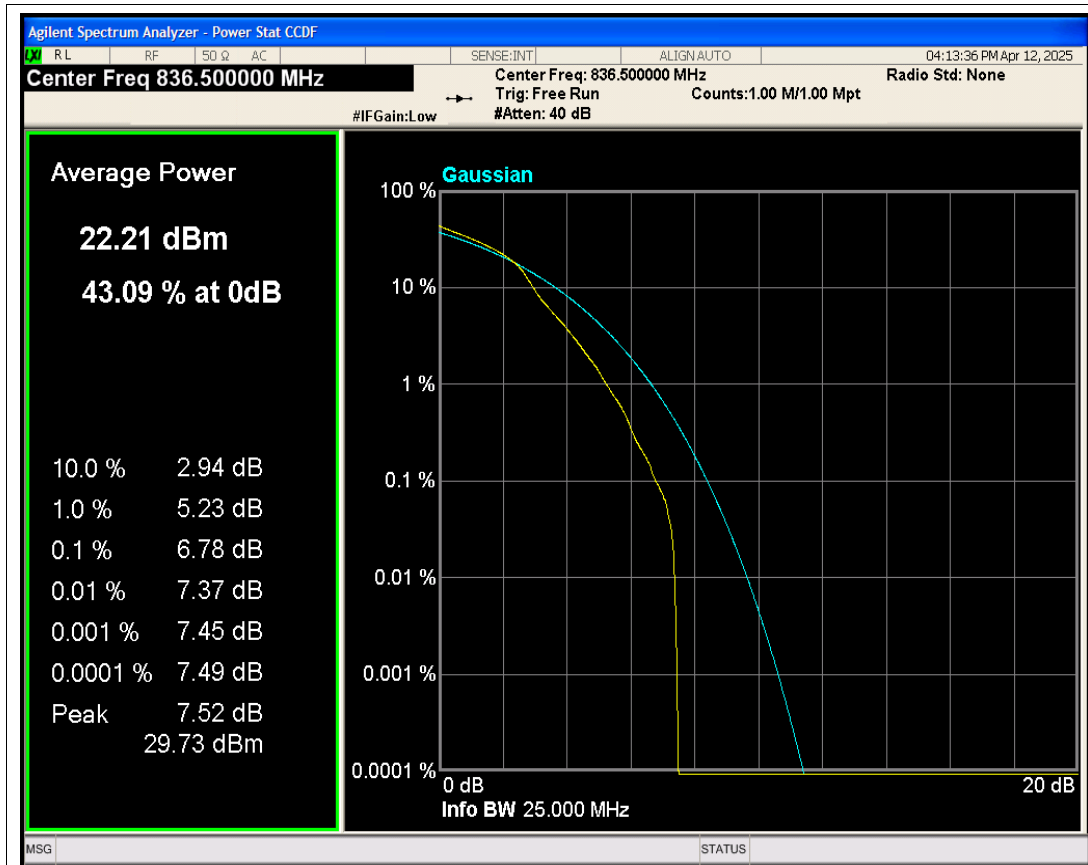




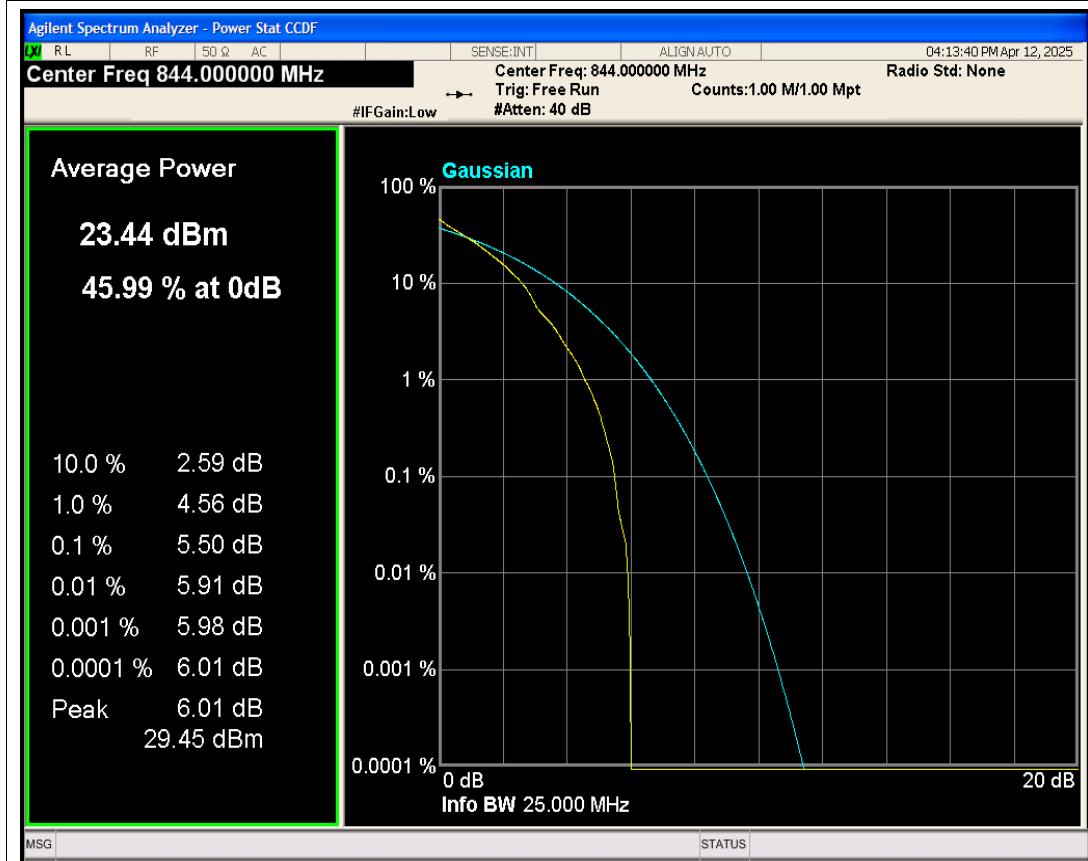
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0 NVNT

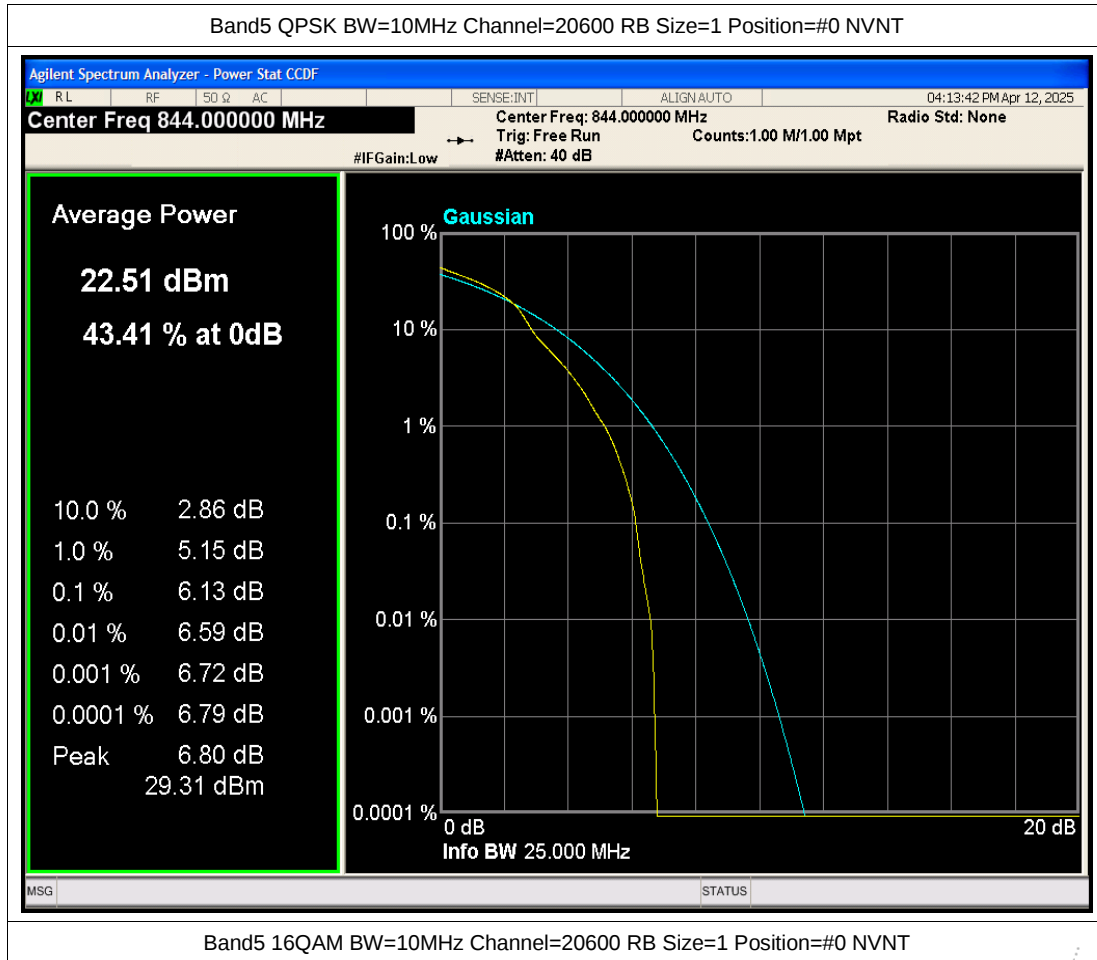






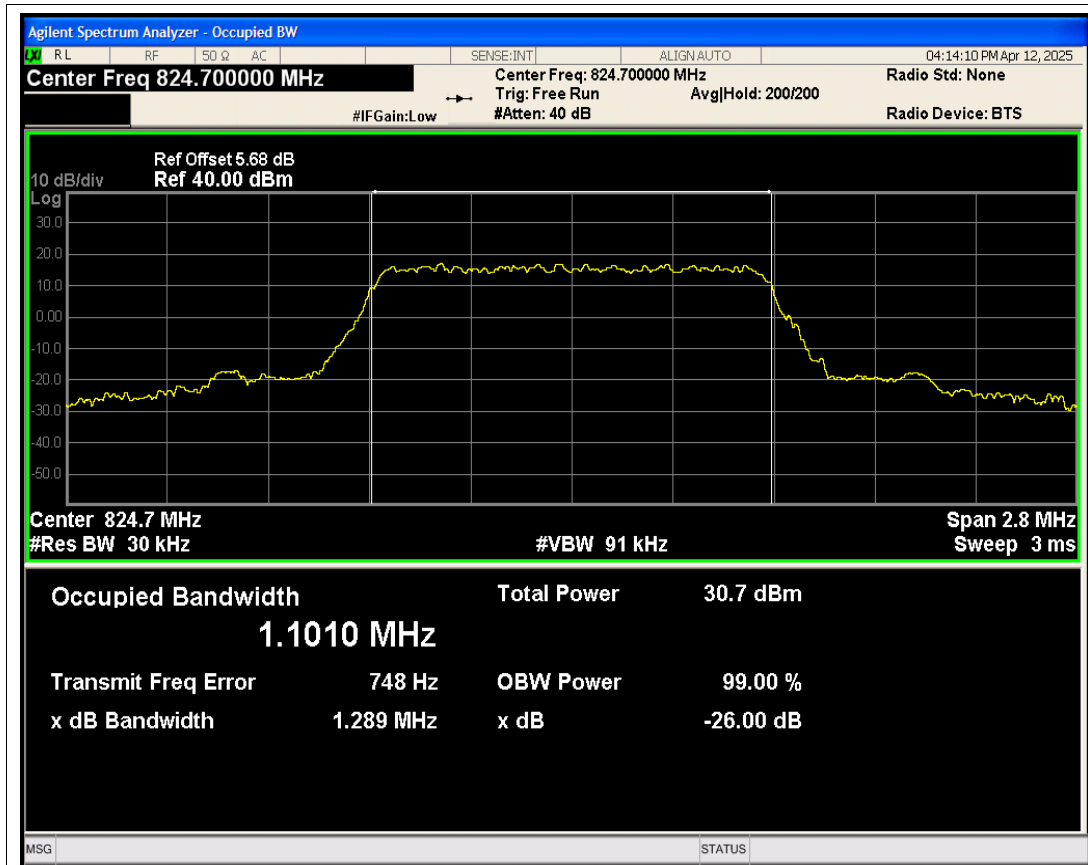
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0 NVNT



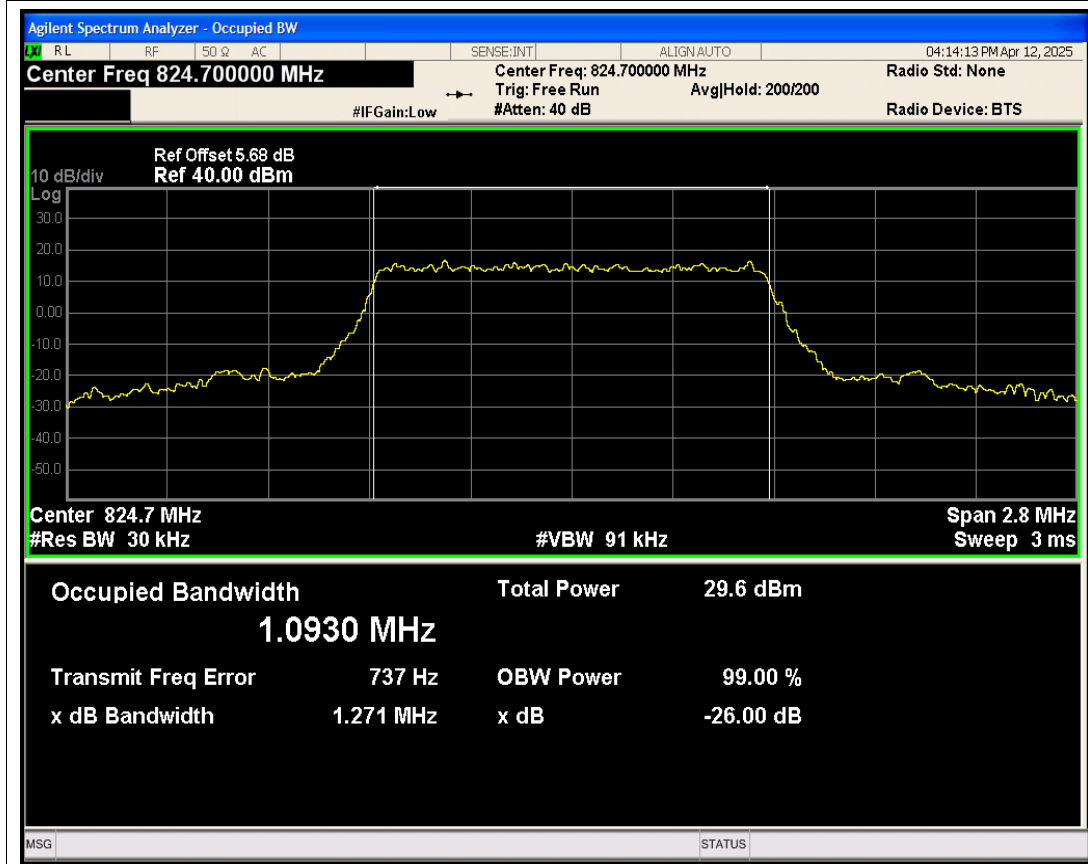


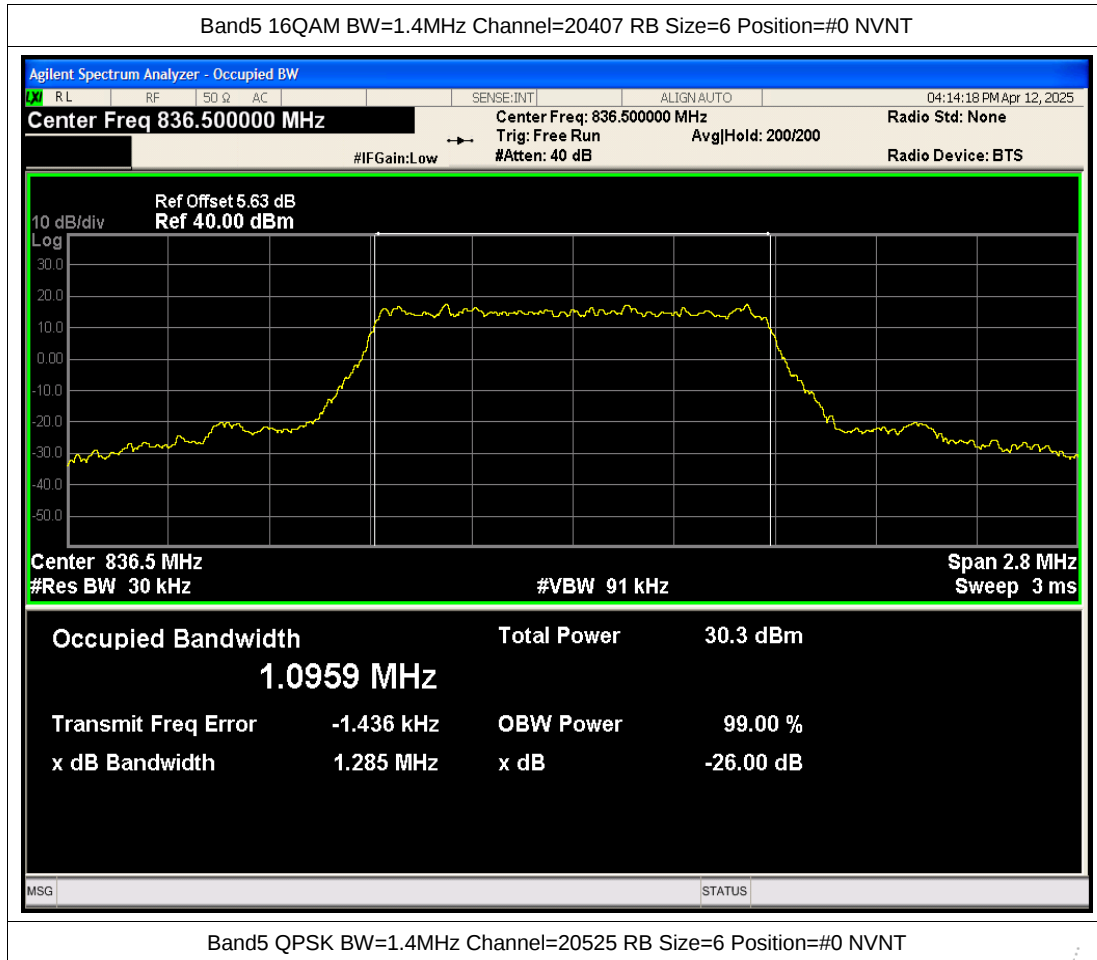
Appendix 4.Occupied bandwidth

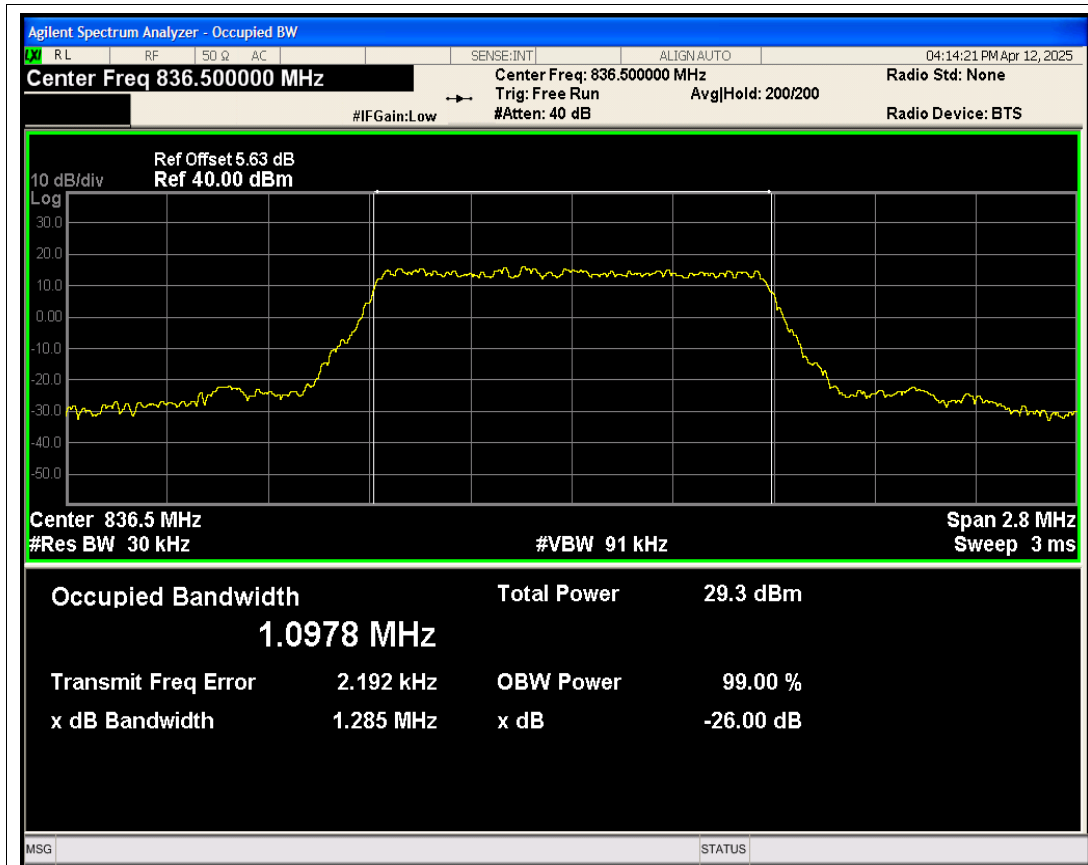
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band5	1.4	20407	6	#0	QPSK	1.101	1.289	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	1.093	1.271	PASS
NVNT	Band5	1.4	20525	6	#0	QPSK	1.096	1.285	PASS
NVNT	Band5	1.4	20525	6	#0	16QAM	1.098	1.285	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	1.093	1.296	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	1.104	1.282	PASS
NVNT	Band5	3	20415	15	#0	QPSK	2.705	3.001	PASS
NVNT	Band5	3	20415	15	#0	16QAM	2.695	2.991	PASS
NVNT	Band5	3	20525	15	#0	QPSK	2.700	2.968	PASS
NVNT	Band5	3	20525	15	#0	16QAM	2.699	2.960	PASS
NVNT	Band5	3	20635	15	#0	QPSK	2.711	3.005	PASS
NVNT	Band5	3	20635	15	#0	16QAM	2.704	2.993	PASS
NVNT	Band5	5	20425	25	#0	QPSK	4.531	4.971	PASS
NVNT	Band5	5	20425	25	#0	16QAM	4.503	4.937	PASS
NVNT	Band5	5	20525	25	#0	QPSK	4.513	5.004	PASS
NVNT	Band5	5	20525	25	#0	16QAM	4.508	4.966	PASS
NVNT	Band5	5	20625	25	#0	QPSK	4.501	4.953	PASS
NVNT	Band5	5	20625	25	#0	16QAM	4.493	4.948	PASS
NVNT	Band5	10	20450	50	#0	QPSK	8.988	9.782	PASS
NVNT	Band5	10	20450	50	#0	16QAM	9.001	9.853	PASS
NVNT	Band5	10	20525	50	#0	QPSK	8.936	9.744	PASS
NVNT	Band5	10	20525	50	#0	16QAM	8.955	9.793	PASS
NVNT	Band5	10	20600	50	#0	QPSK	8.932	9.821	PASS
NVNT	Band5	10	20600	50	#0	16QAM	8.925	9.699	PASS



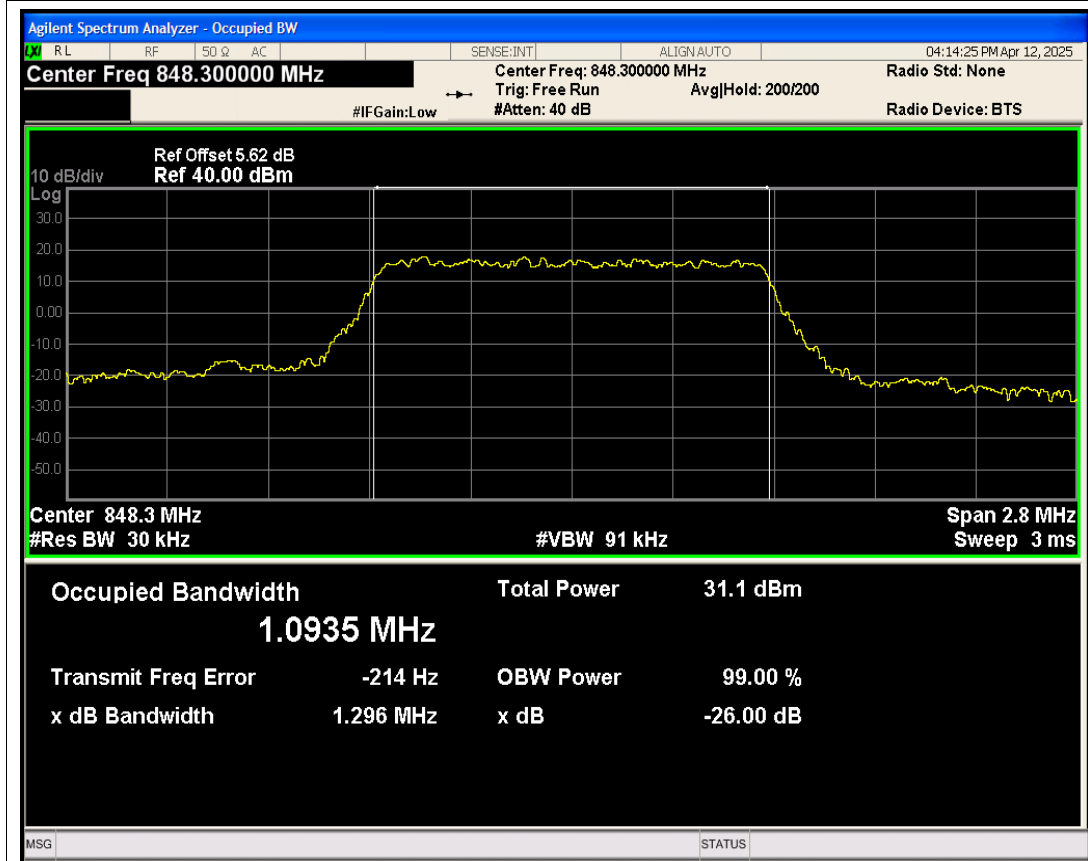
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT

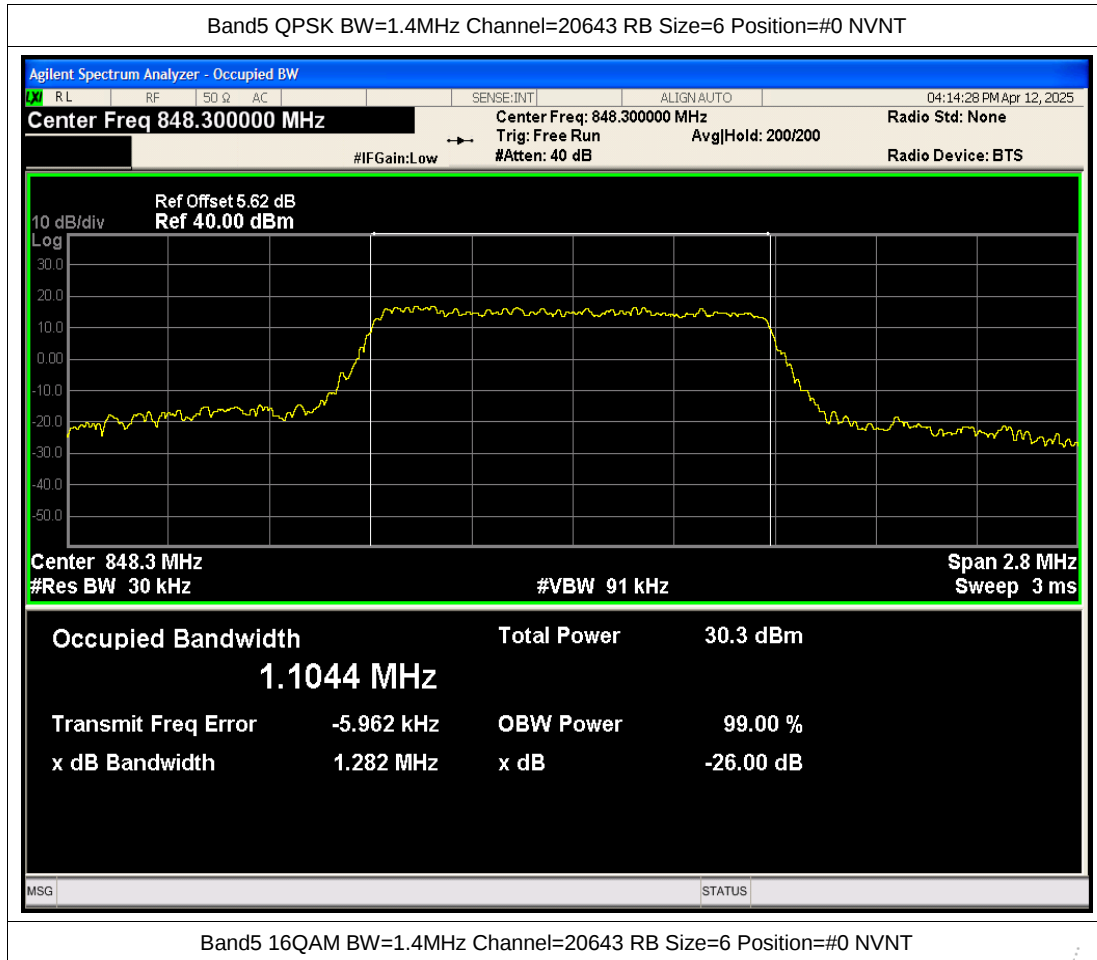


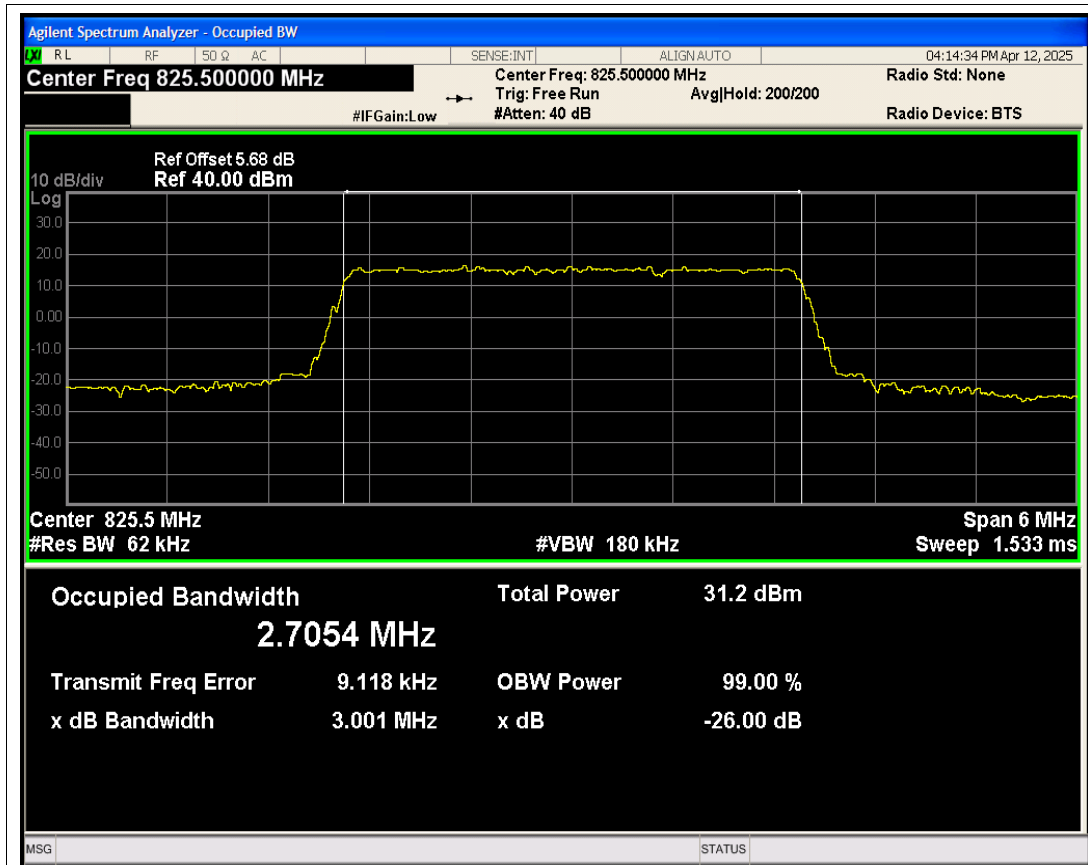




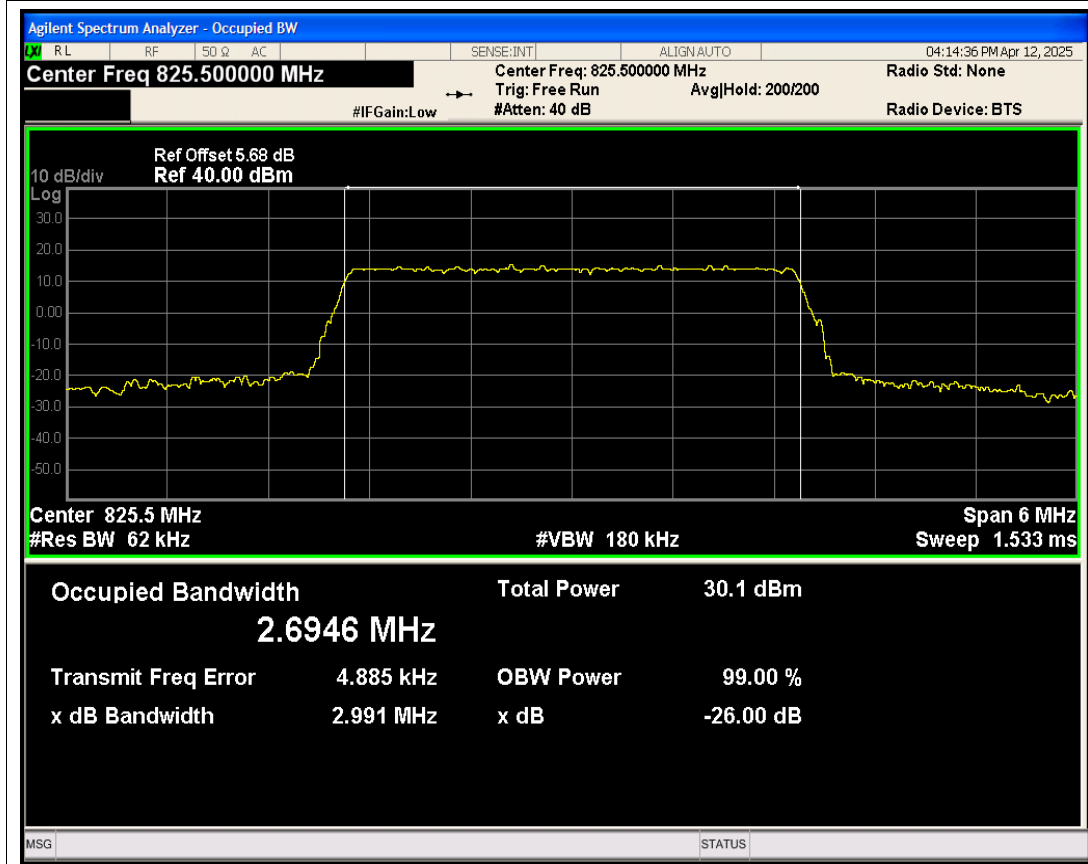
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT

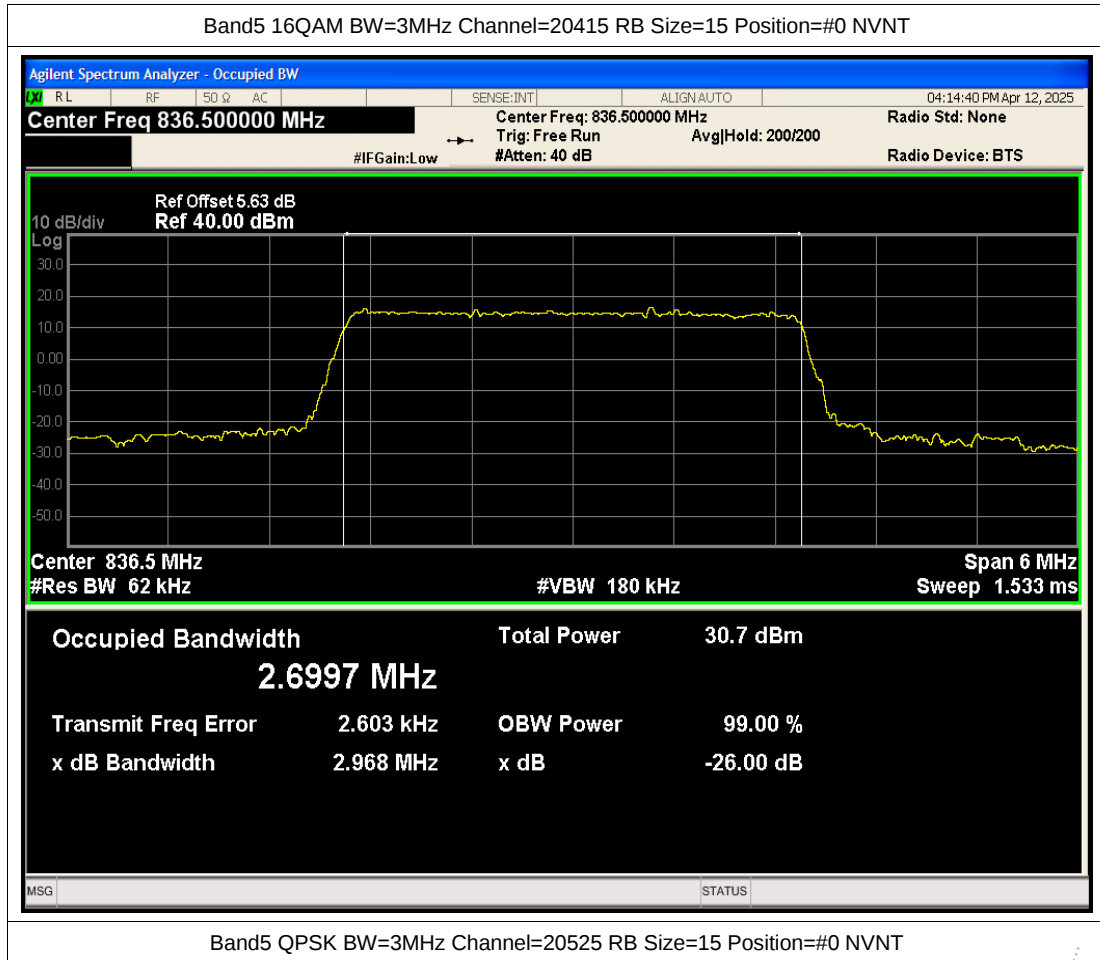


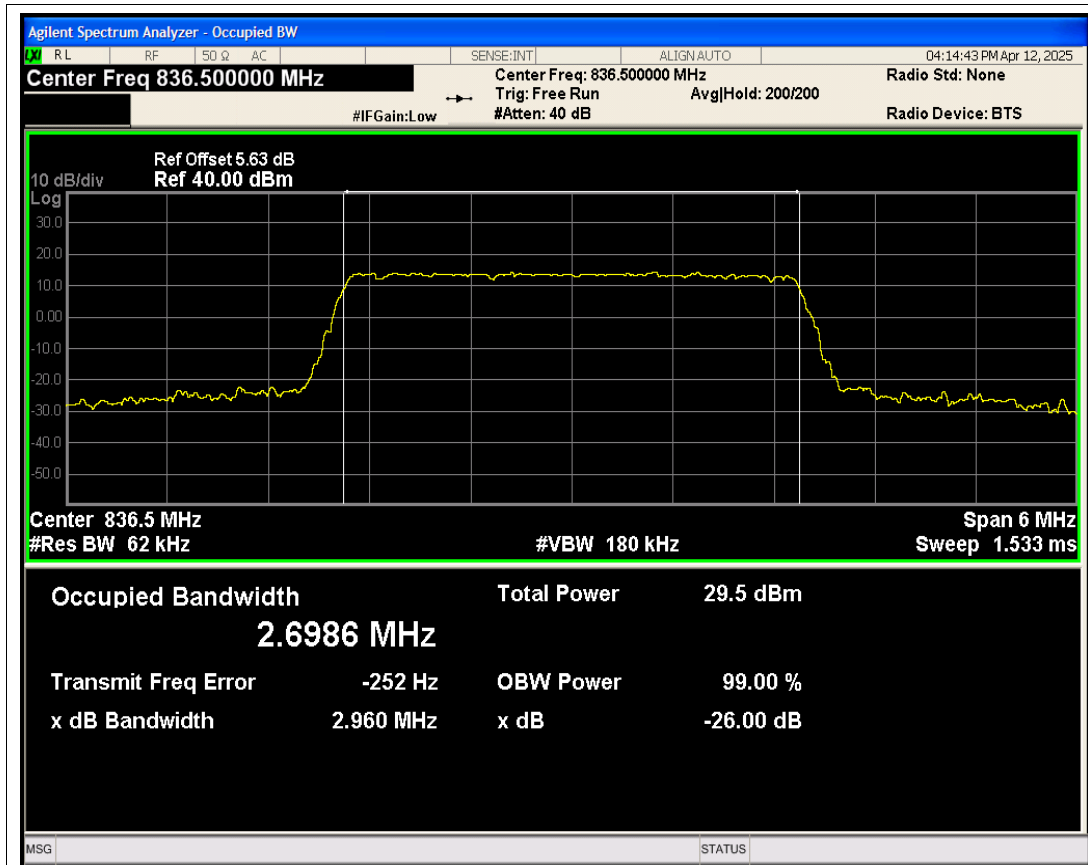




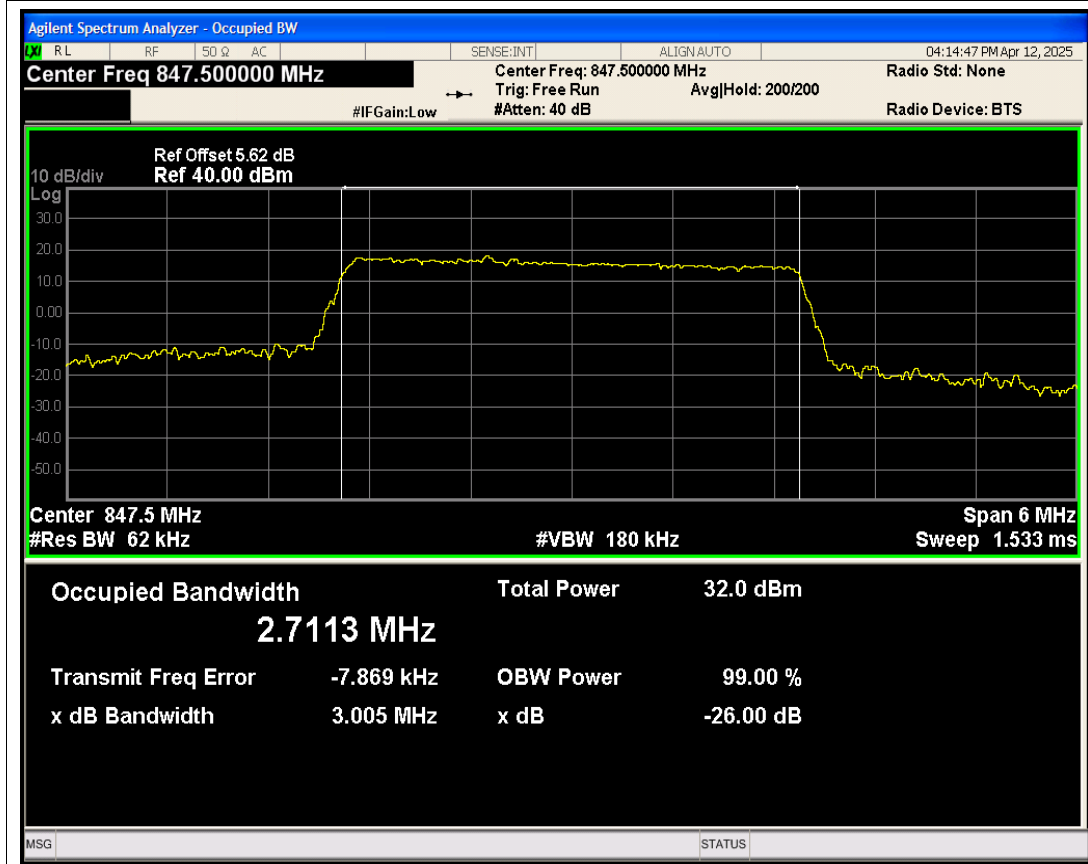
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT

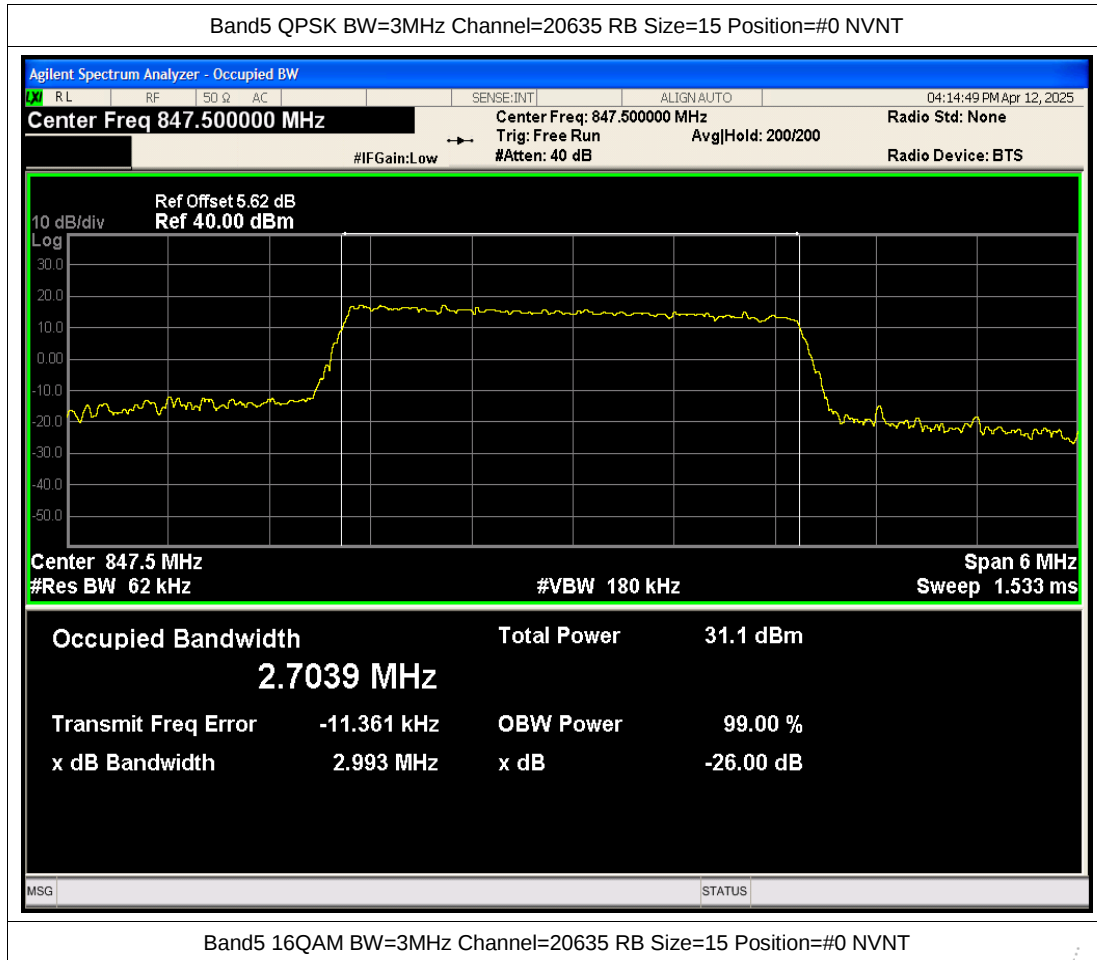


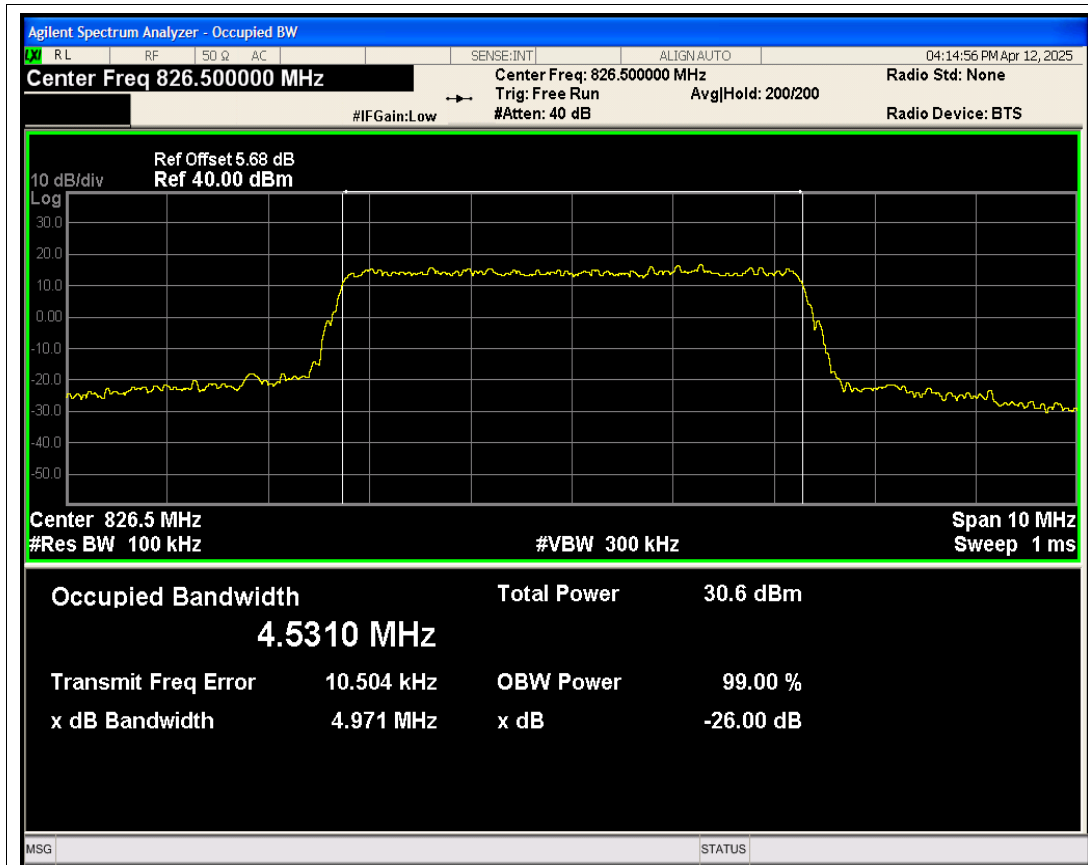




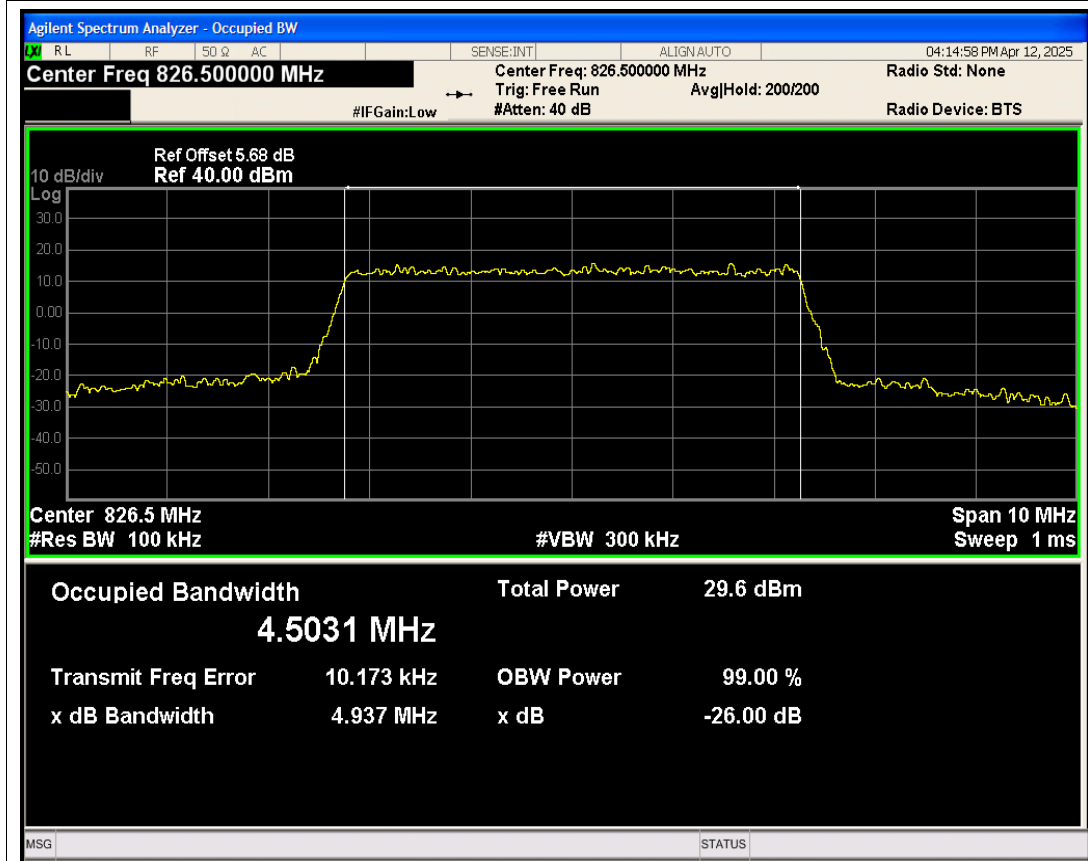
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT

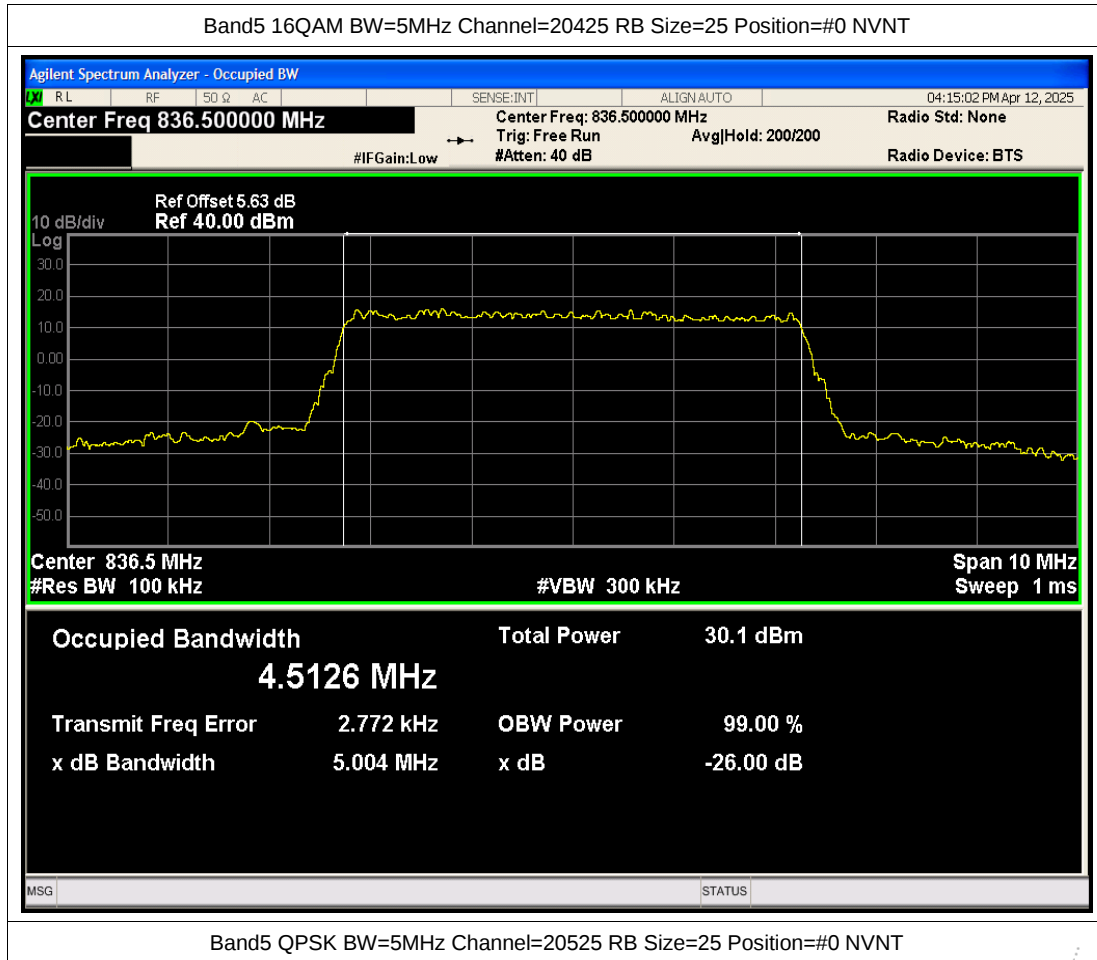


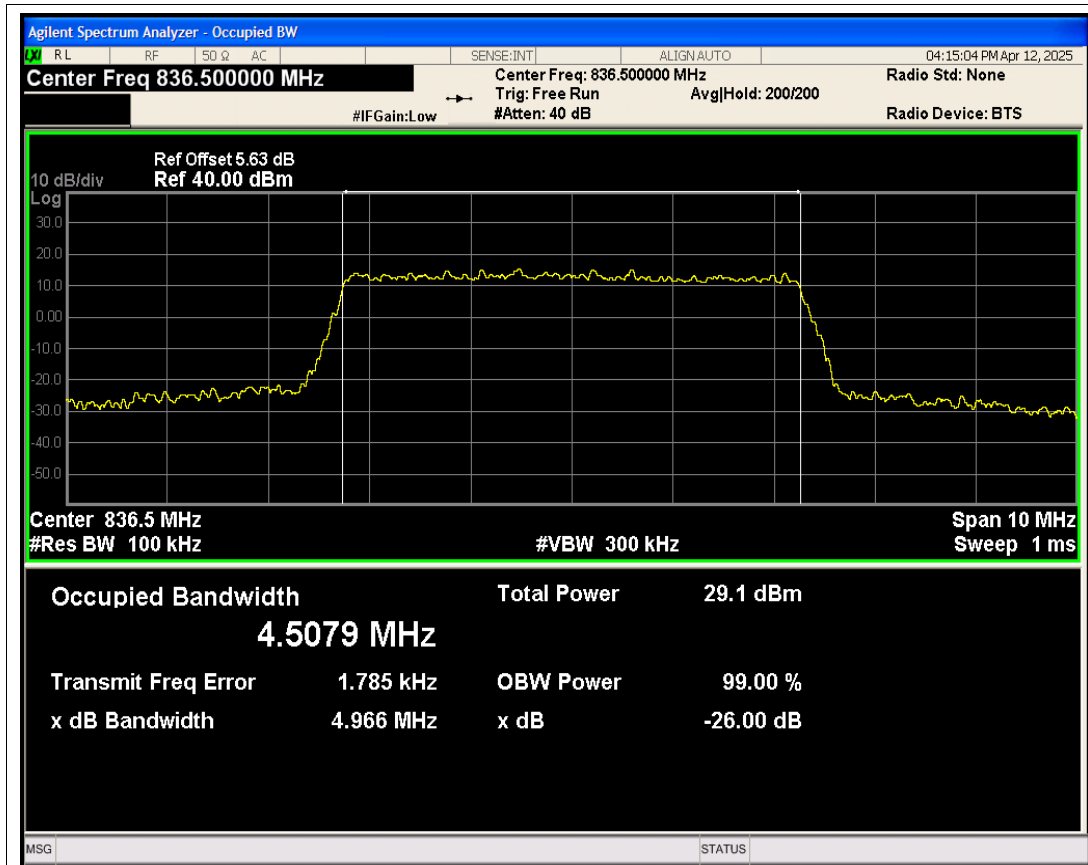




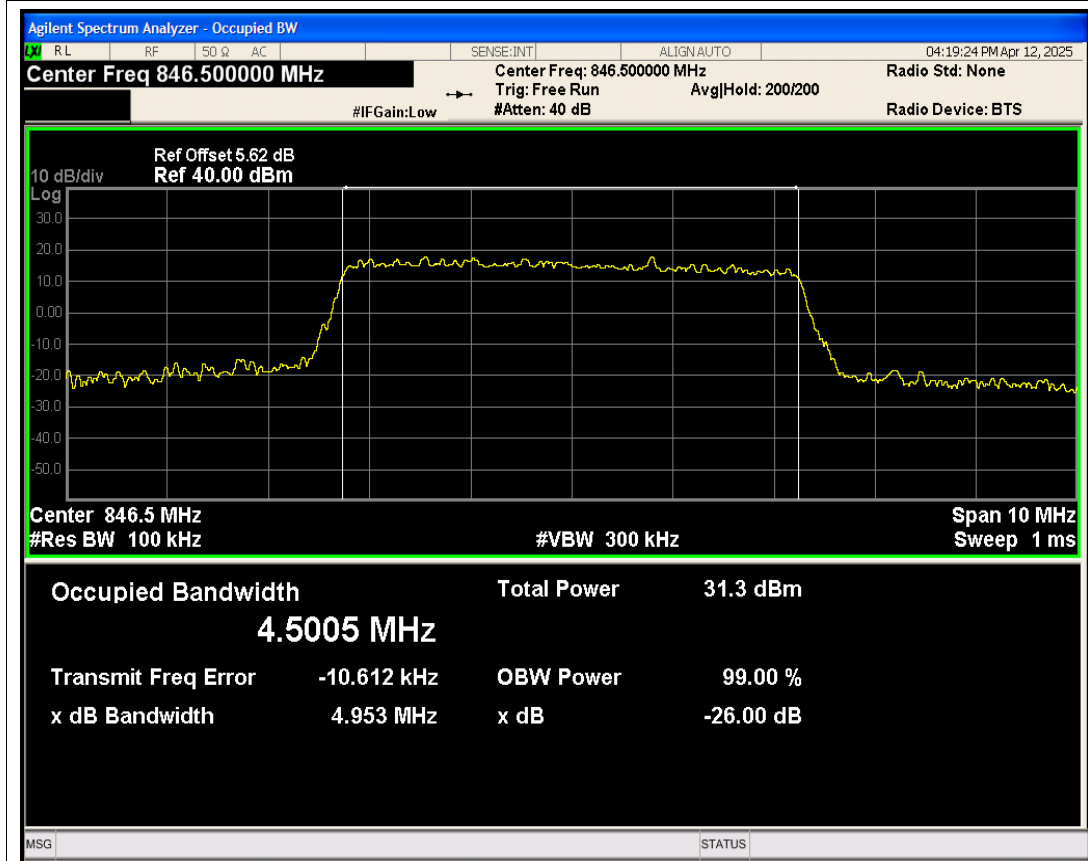
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

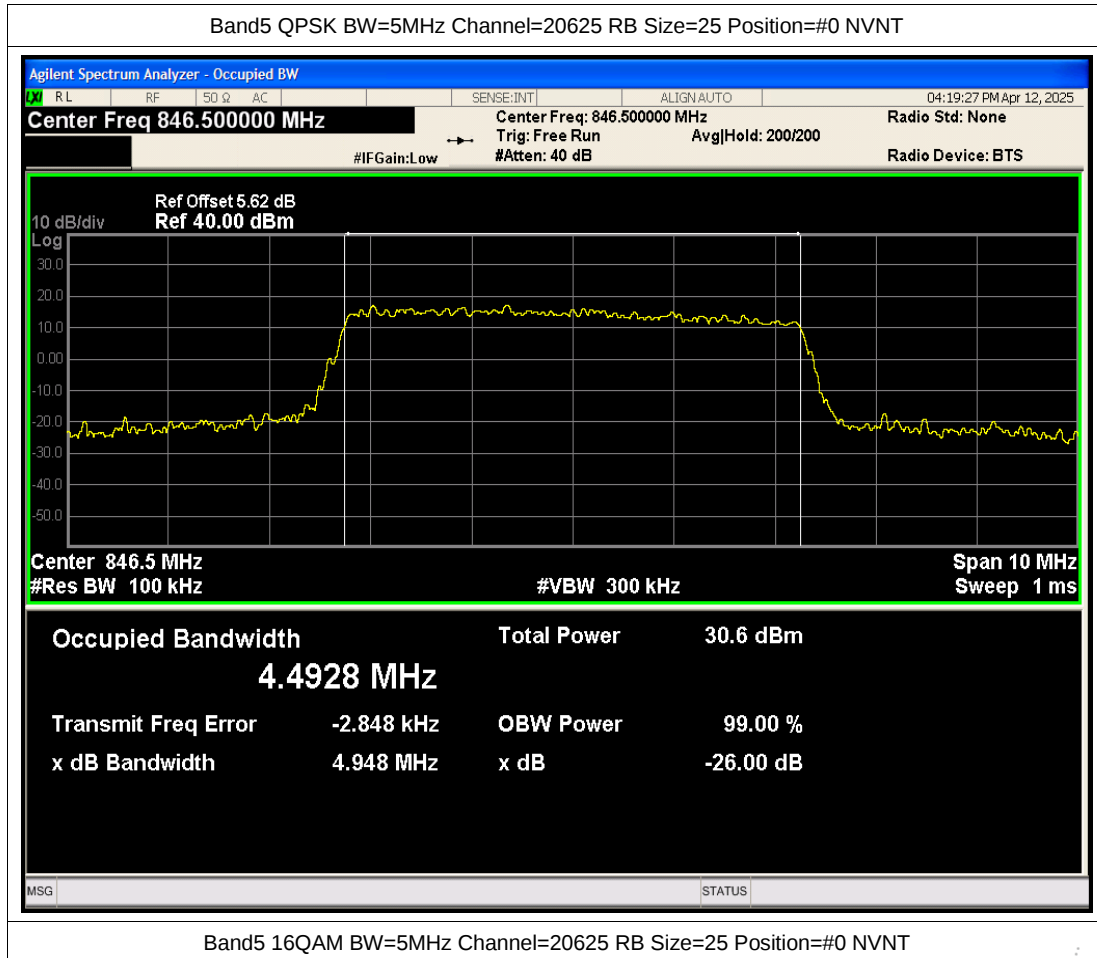


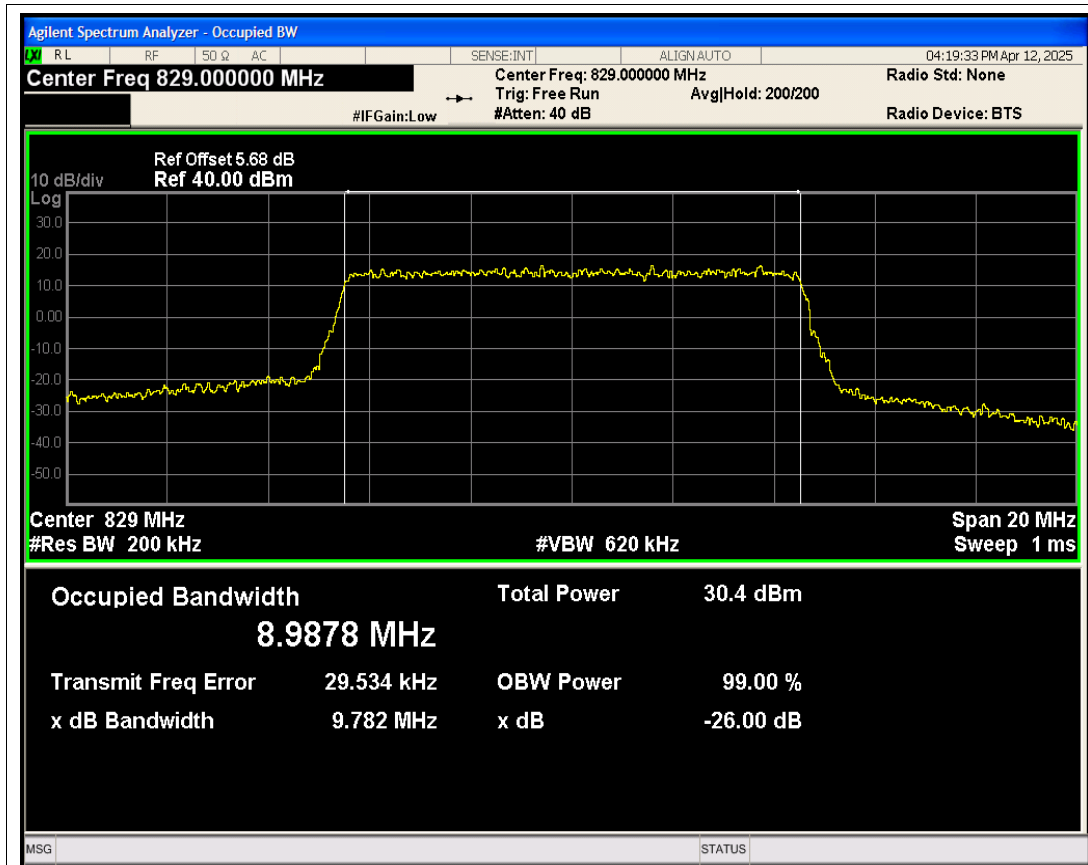




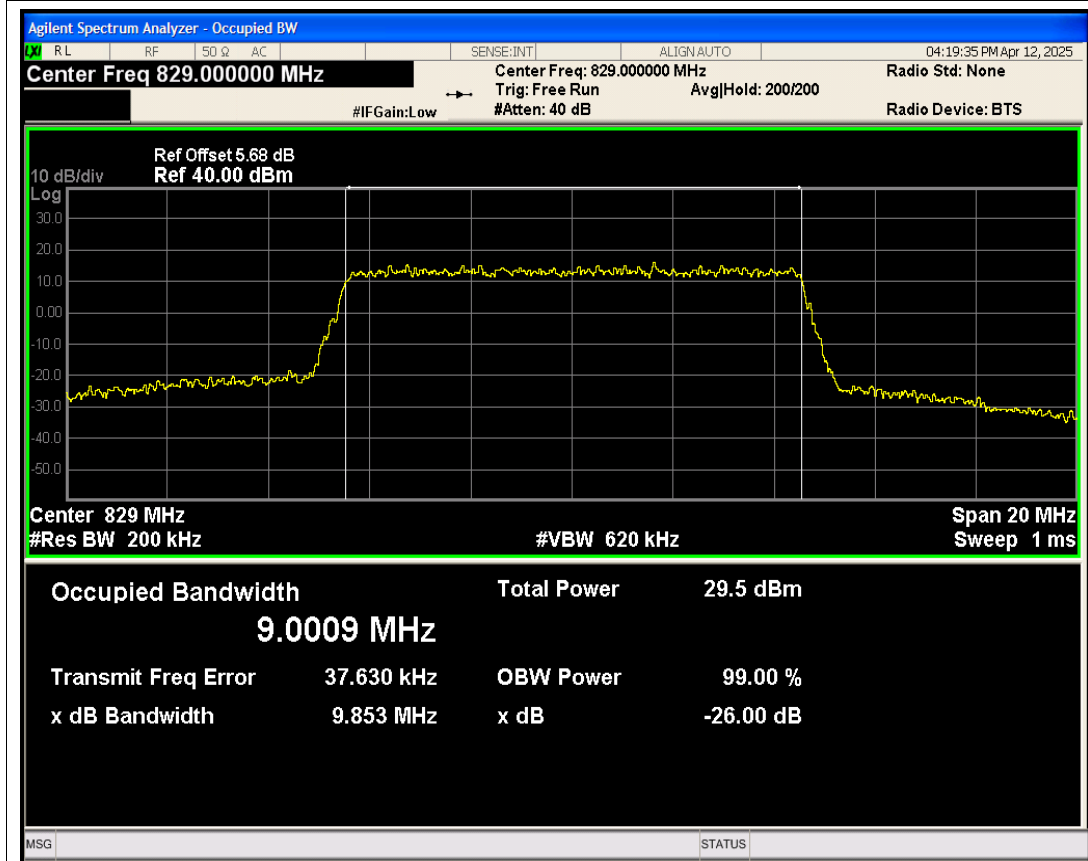
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT

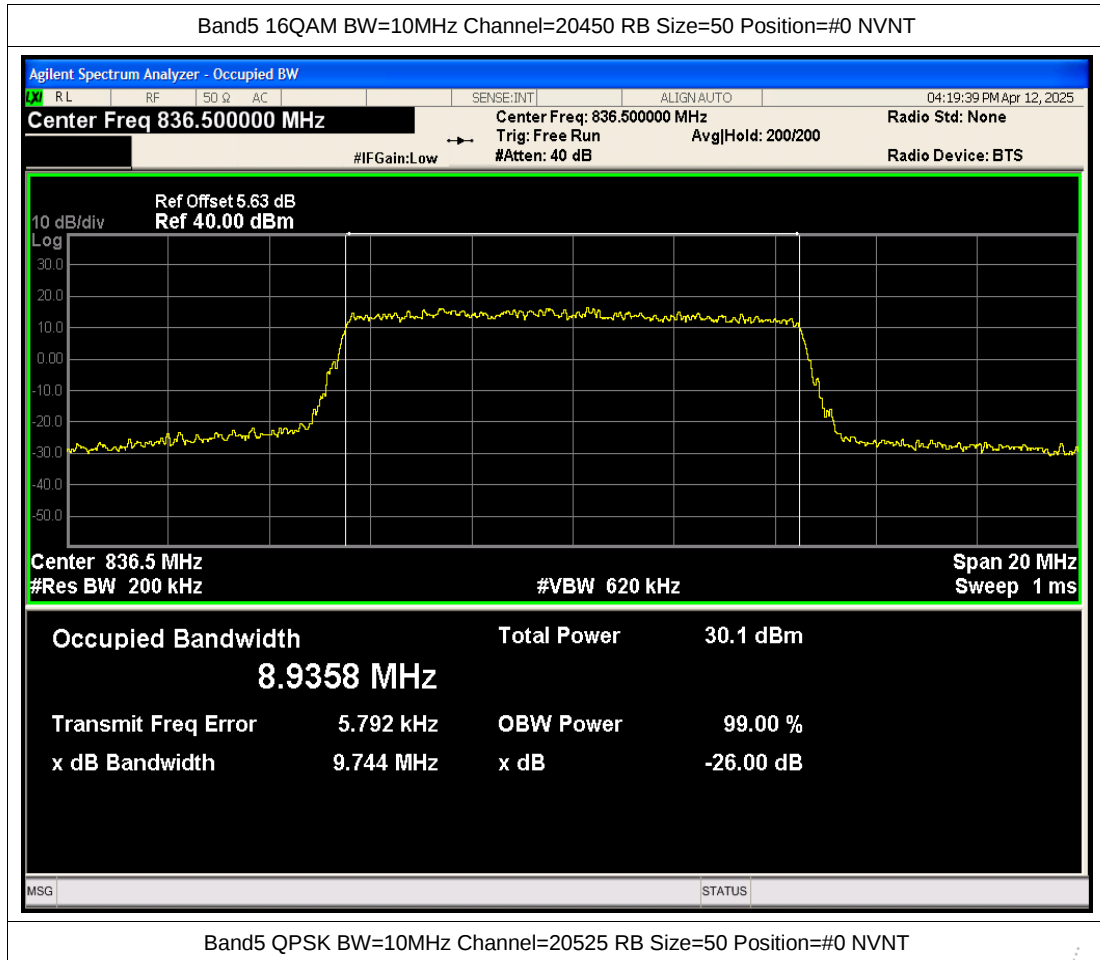


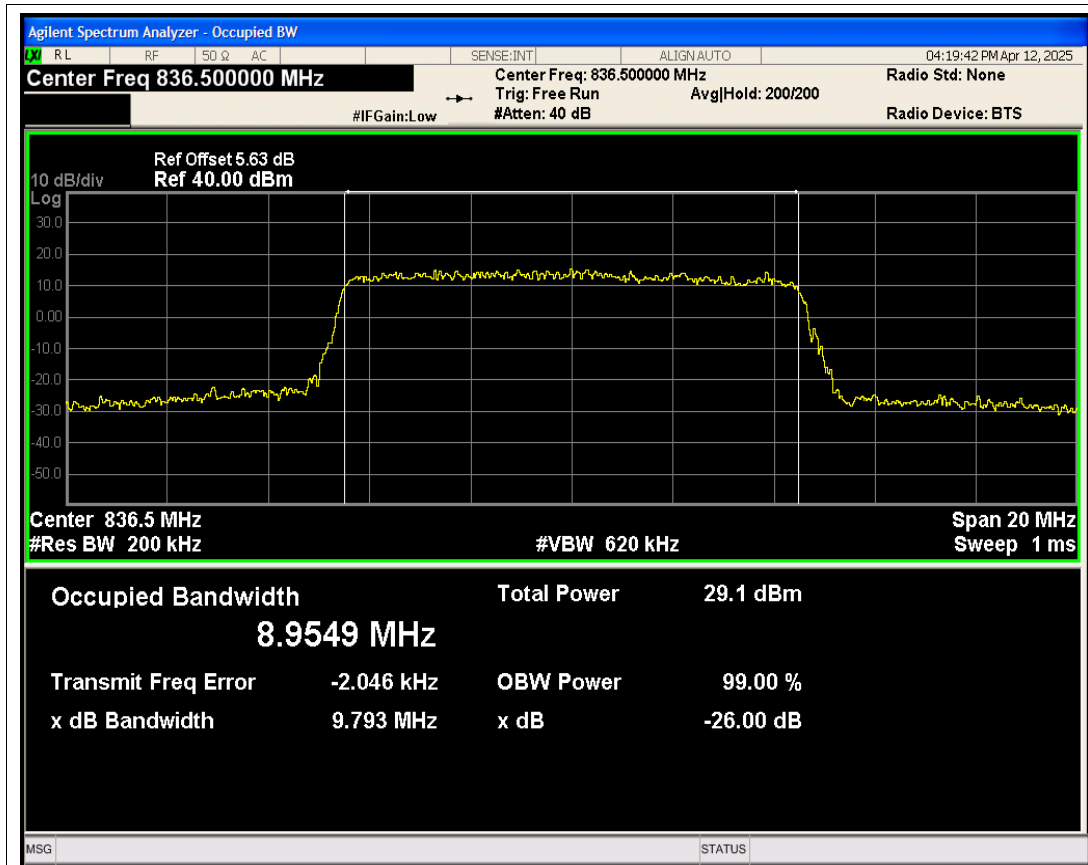




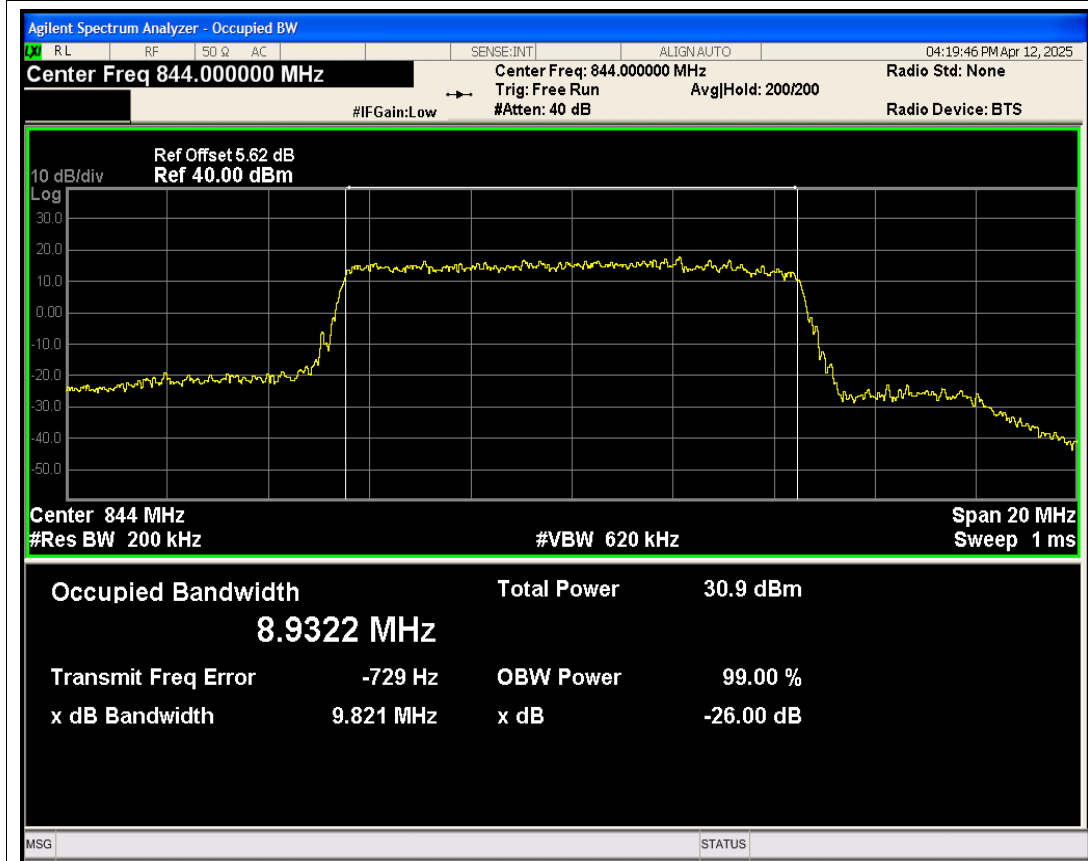
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

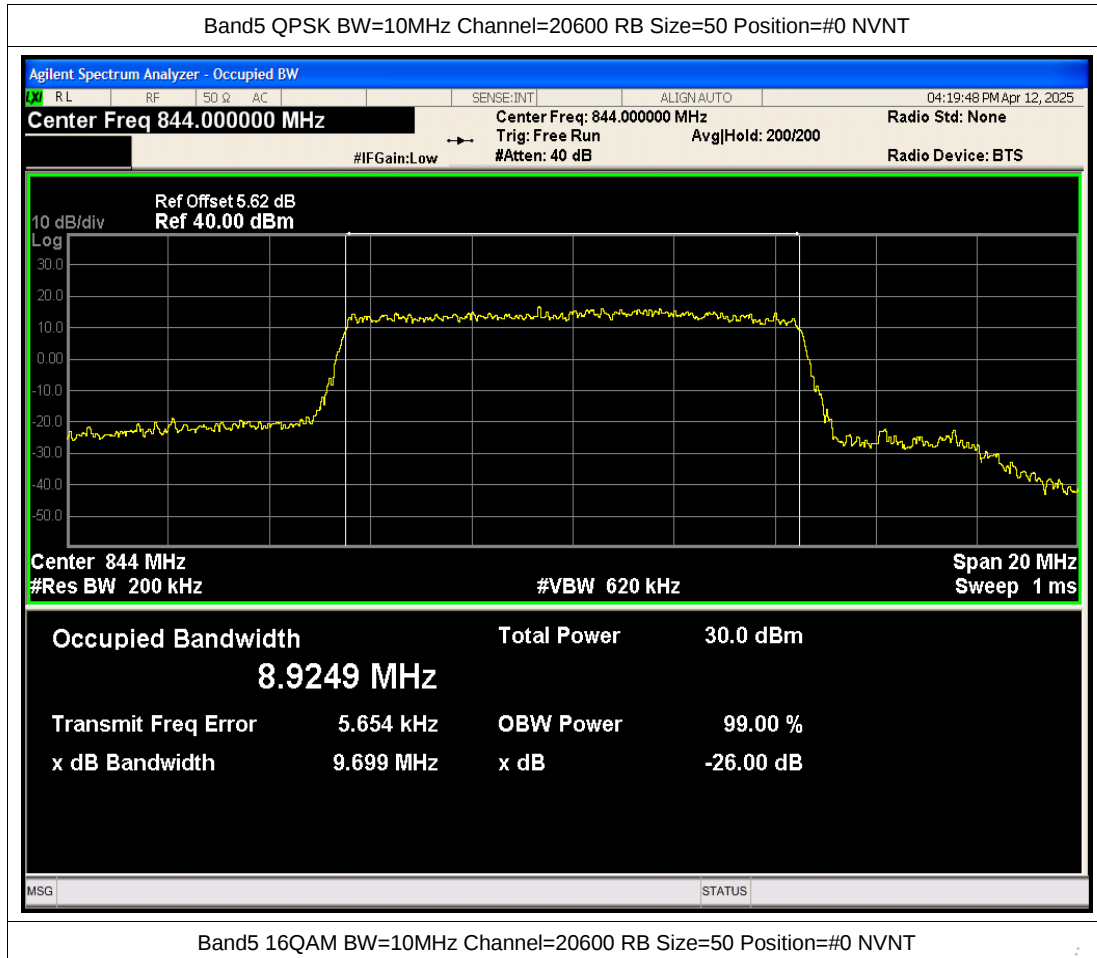






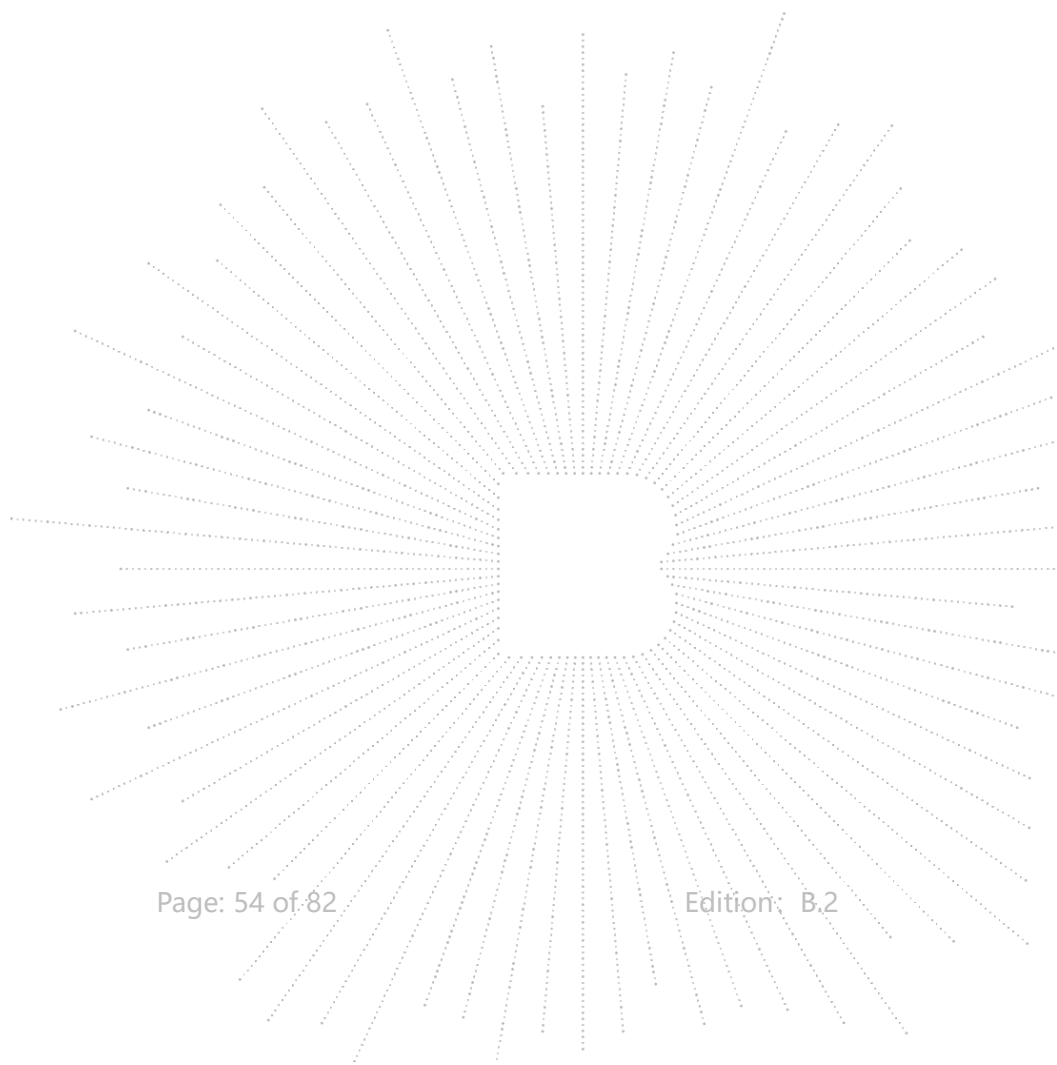
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0 NVNT

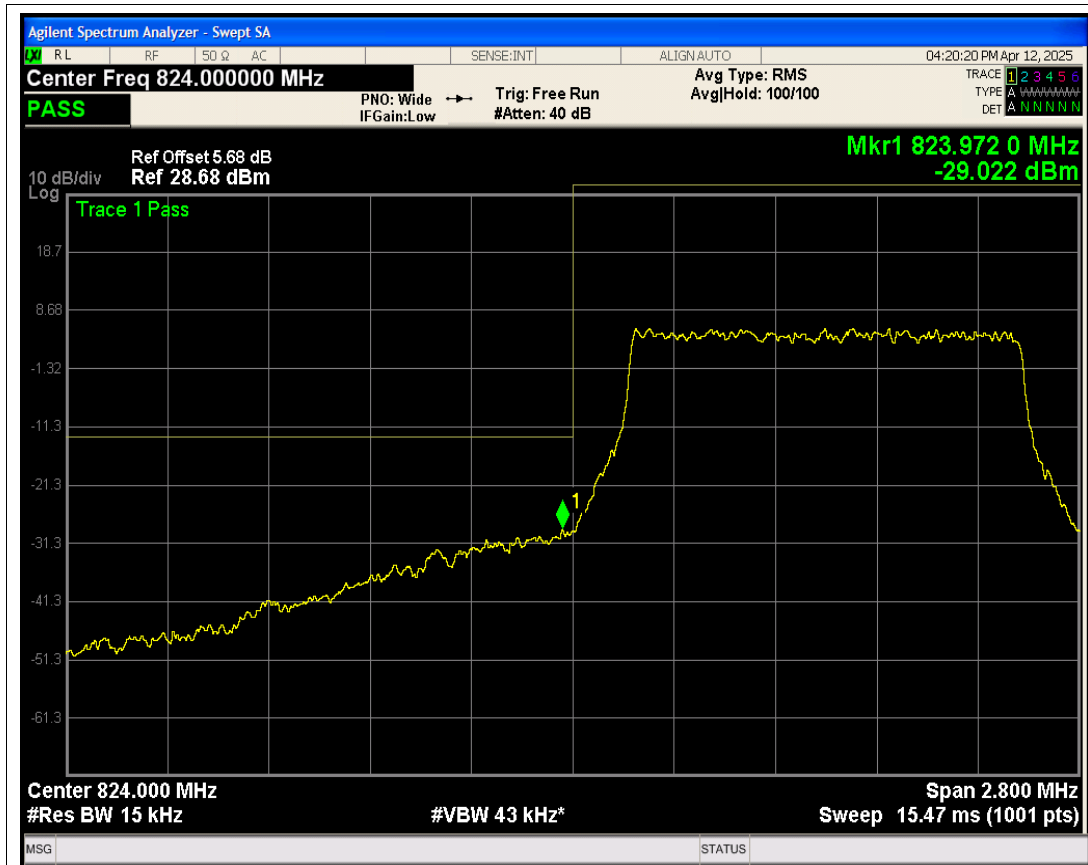




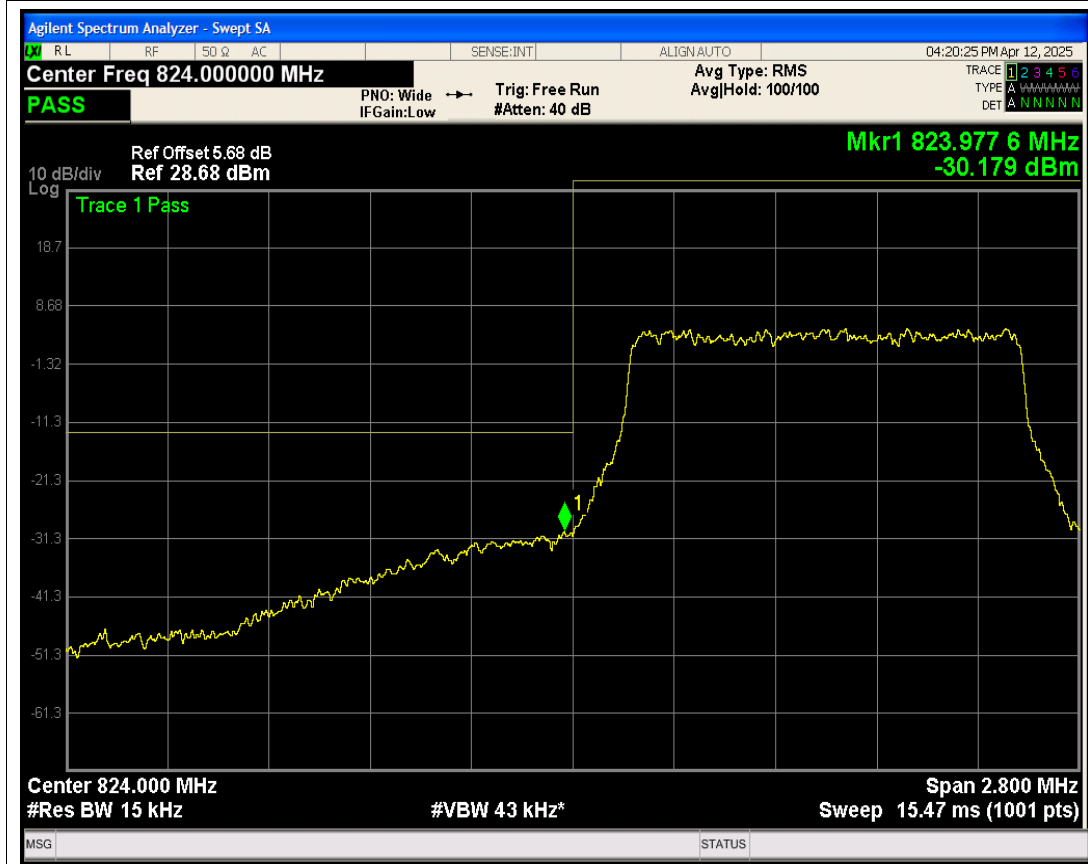
Appendix 5.Band edge

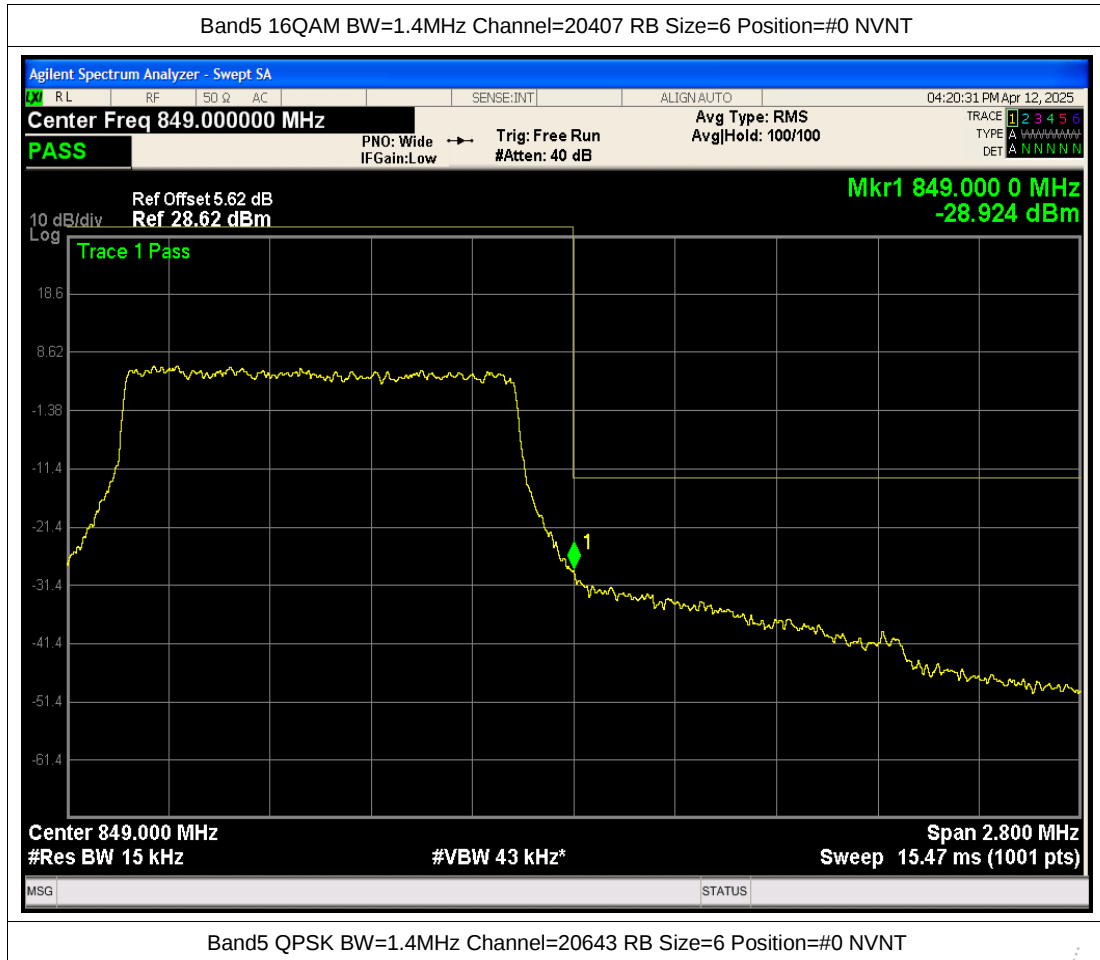
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band5	1.4	20407	6	#0	QPSK	823.97	-29.02	-13	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	823.98	-30.17	-13	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	849.00	-28.92	-13	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	849.00	-30.25	-13	PASS
NVNT	Band5	3	20415	15	#0	QPSK	824.00	-25.80	-13	PASS
NVNT	Band5	3	20415	15	#0	16QAM	824.00	-28.08	-13	PASS
NVNT	Band5	3	20635	15	#0	QPSK	849.02	-27.81	-13	PASS
NVNT	Band5	3	20635	15	#0	16QAM	849.00	-27.05	-13	PASS
NVNT	Band5	5	20425	25	#0	QPSK	824.00	-28.10	-13	PASS
NVNT	Band5	5	20425	25	#0	16QAM	824.00	-27.57	-13	PASS
NVNT	Band5	5	20625	25	#0	QPSK	849.00	-28.77	-13	PASS
NVNT	Band5	5	20625	25	#0	16QAM	849.00	-28.61	-13	PASS
NVNT	Band5	10	20450	50	#0	QPSK	824.00	-28.58	-13	PASS
NVNT	Band5	10	20450	50	#0	16QAM	824.00	-29.74	-13	PASS
NVNT	Band5	10	20600	50	#0	QPSK	849.02	-35.16	-13	PASS
NVNT	Band5	10	20600	50	#0	16QAM	849.04	-34.52	-13	PASS





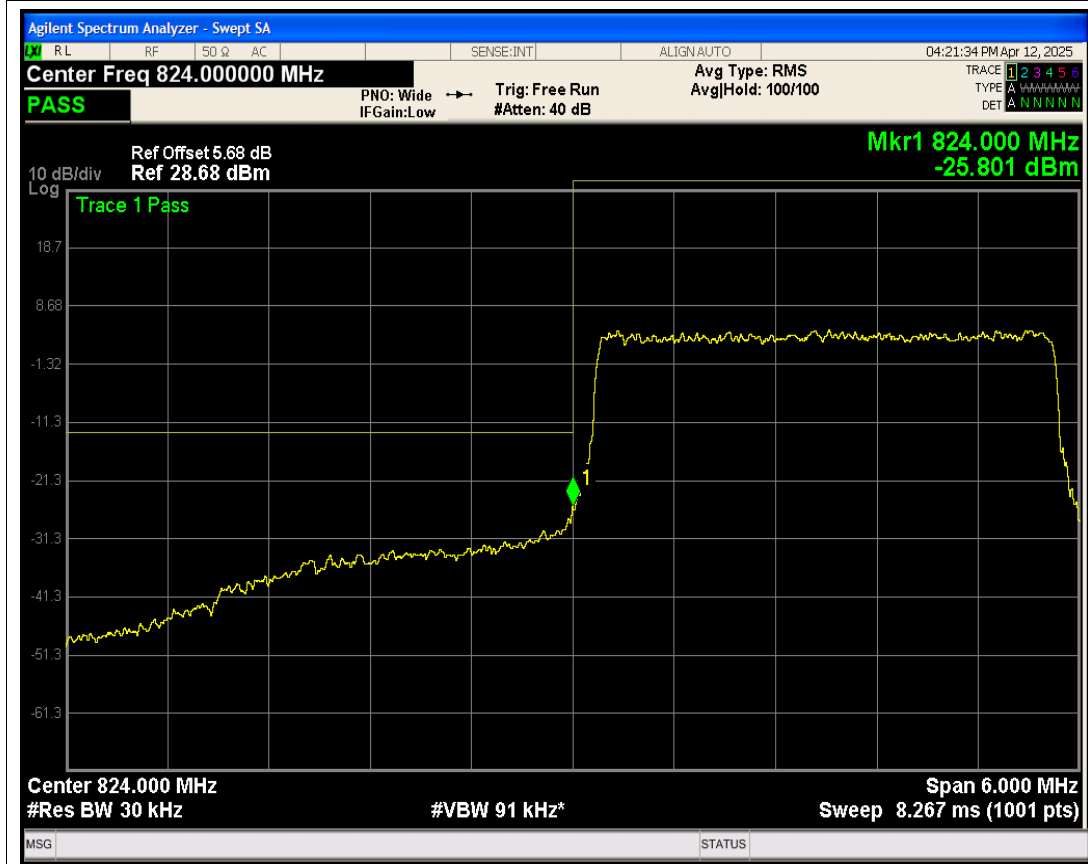
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT

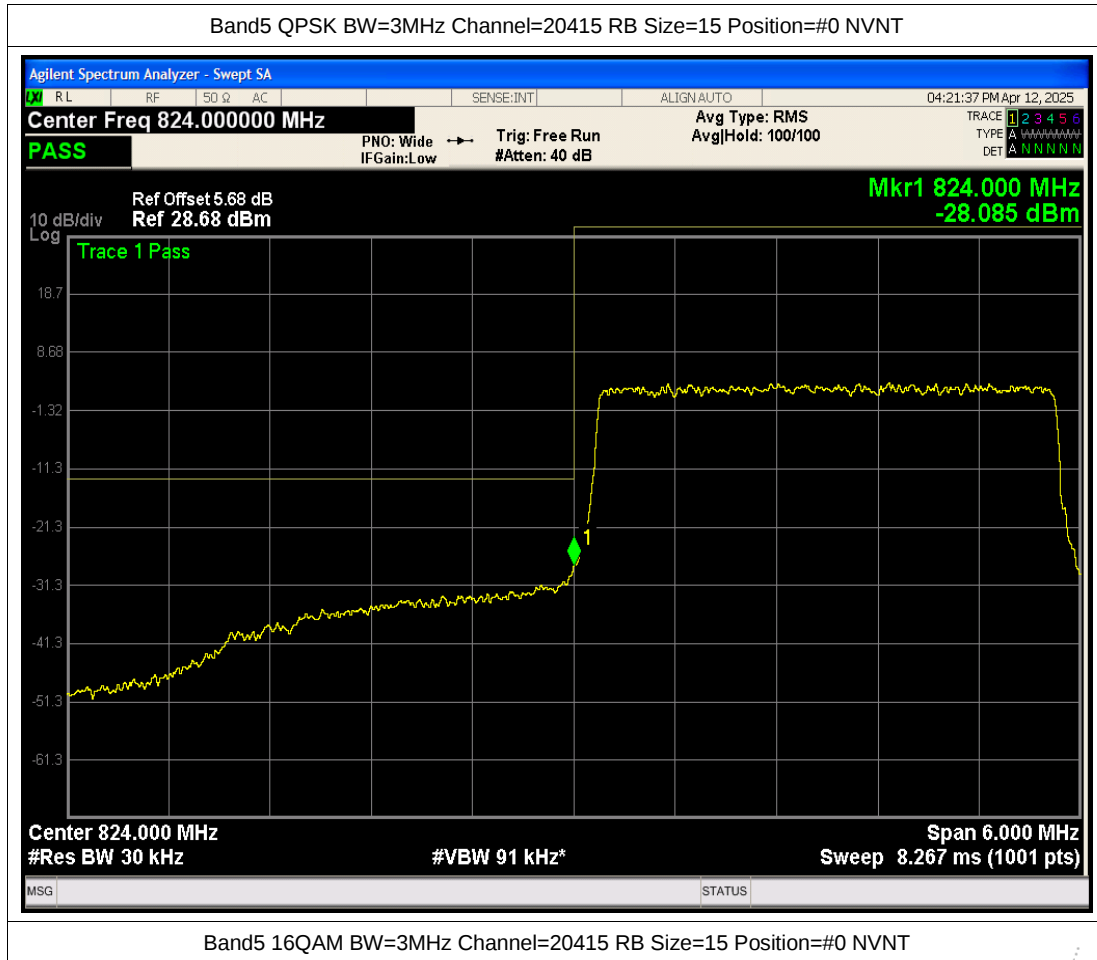






Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT

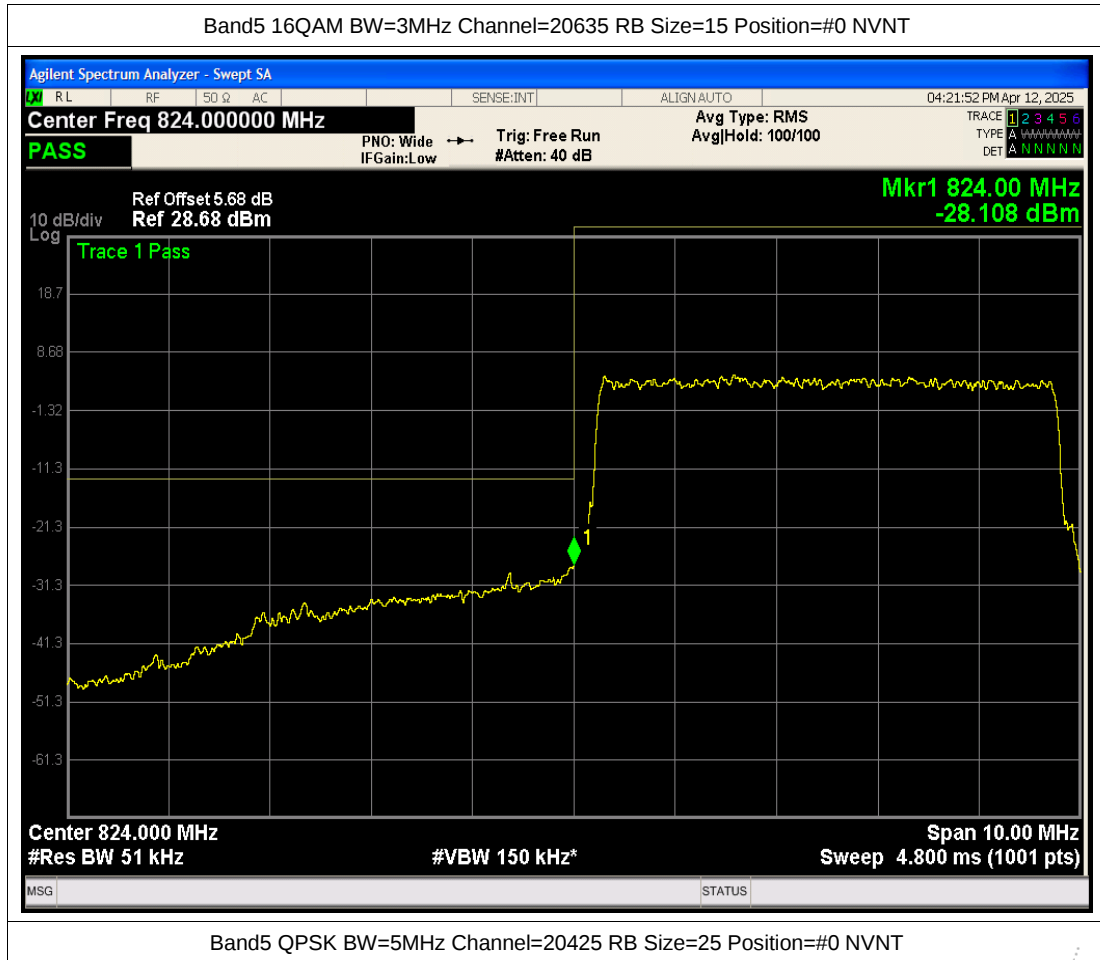


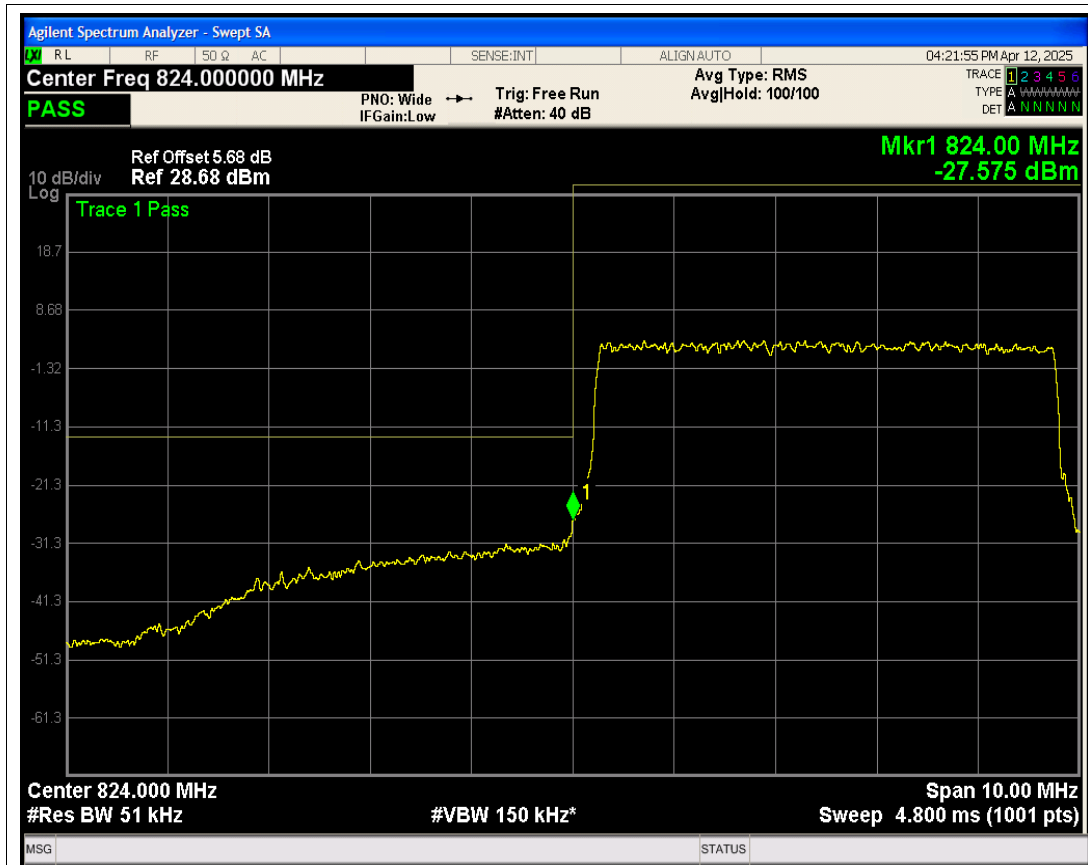




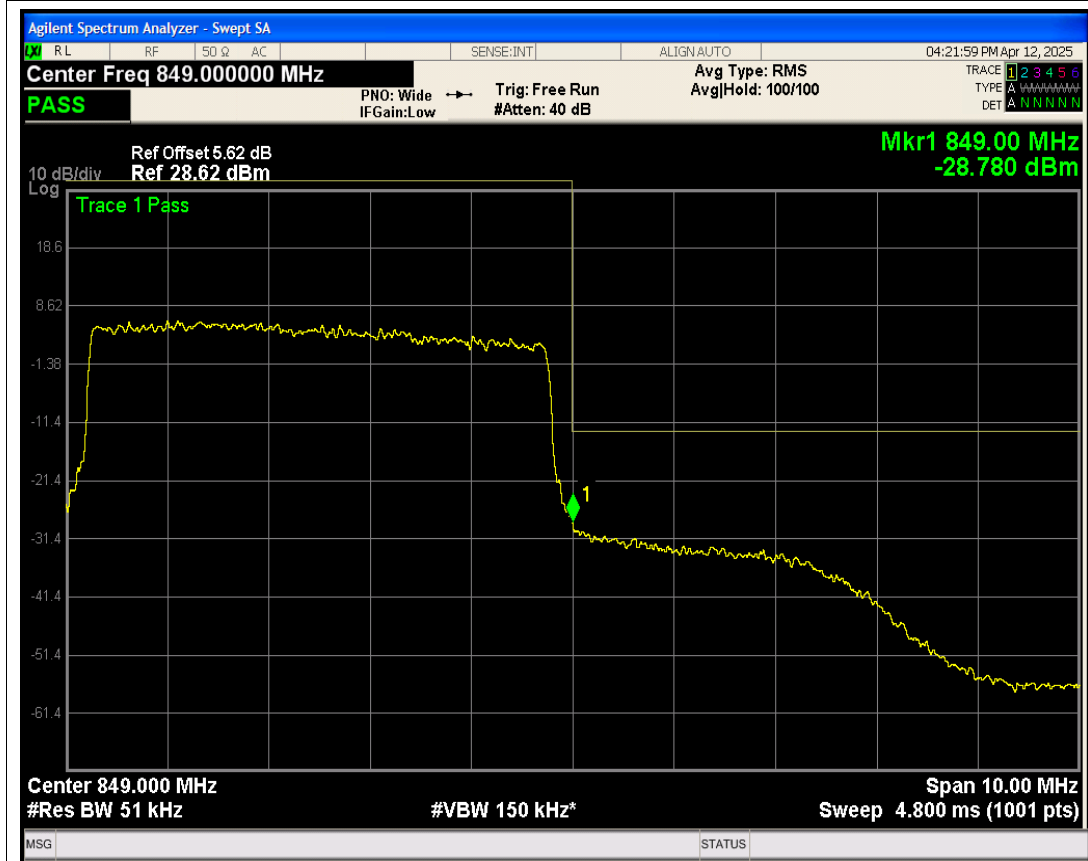
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT

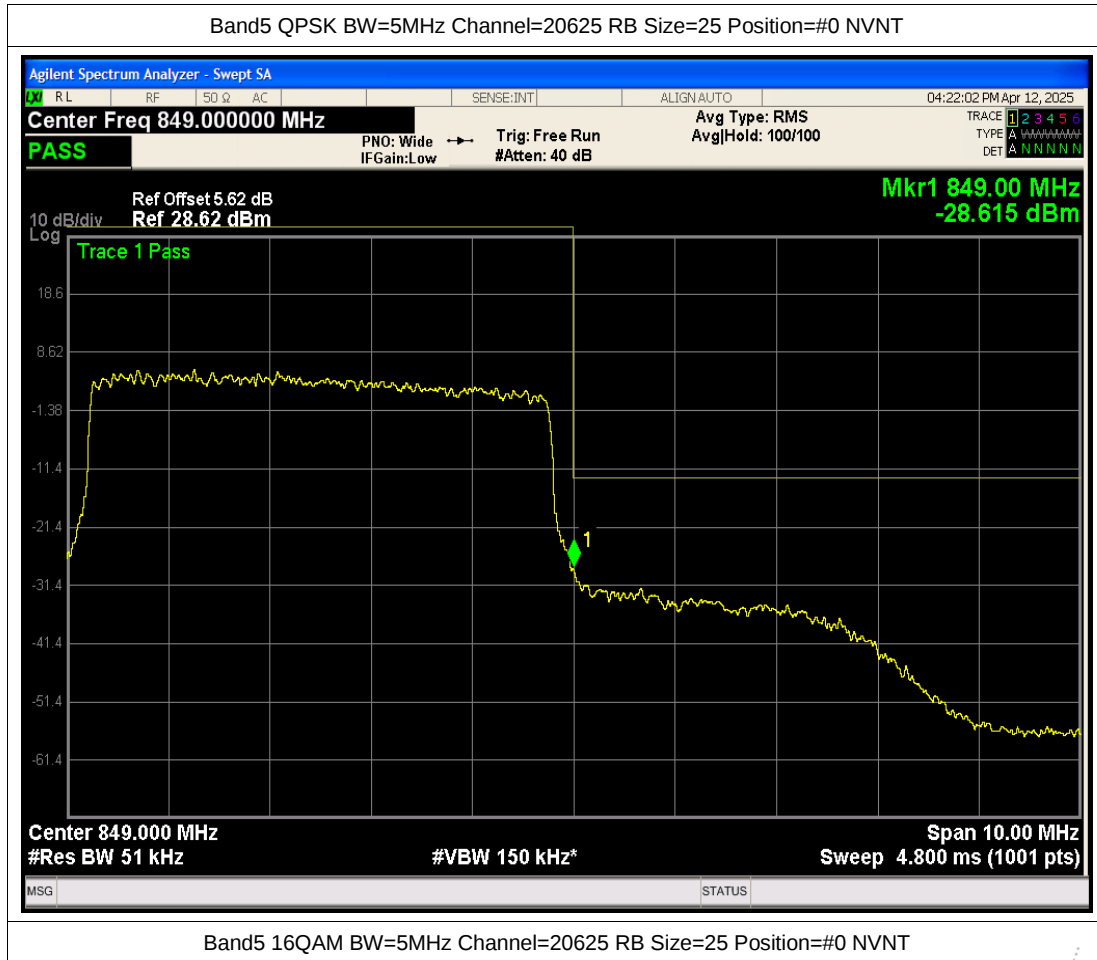


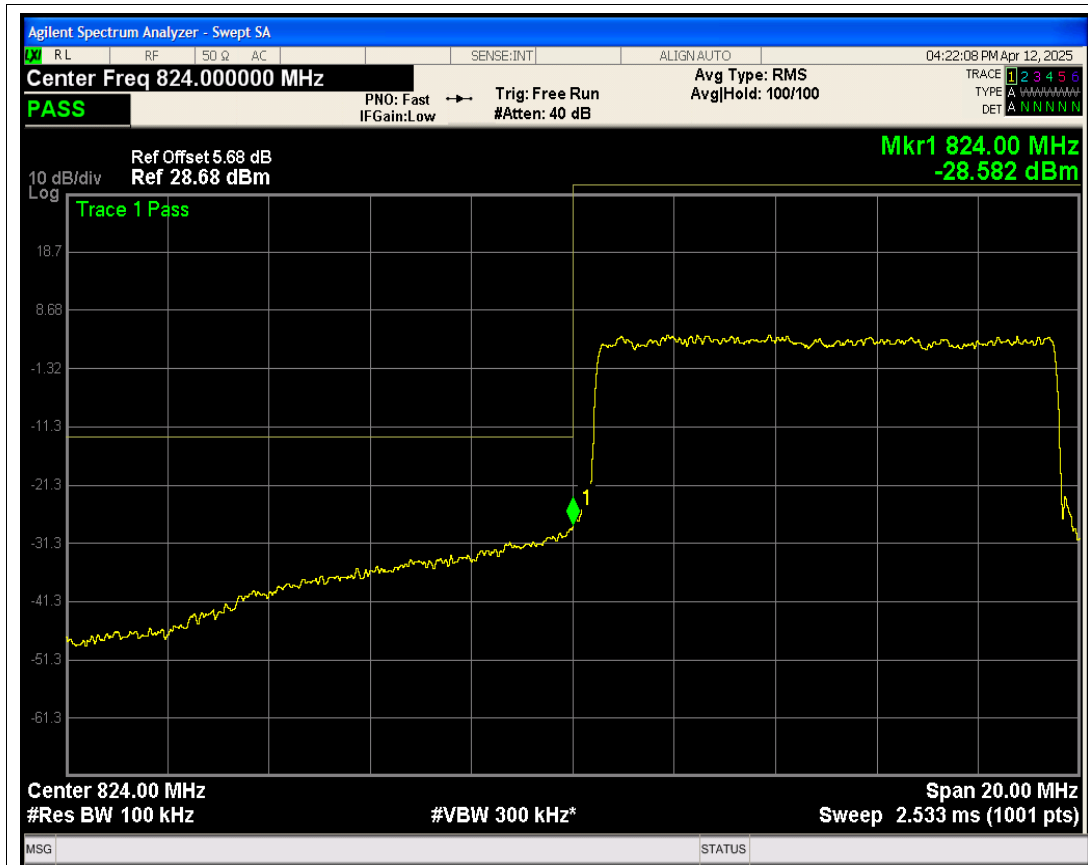




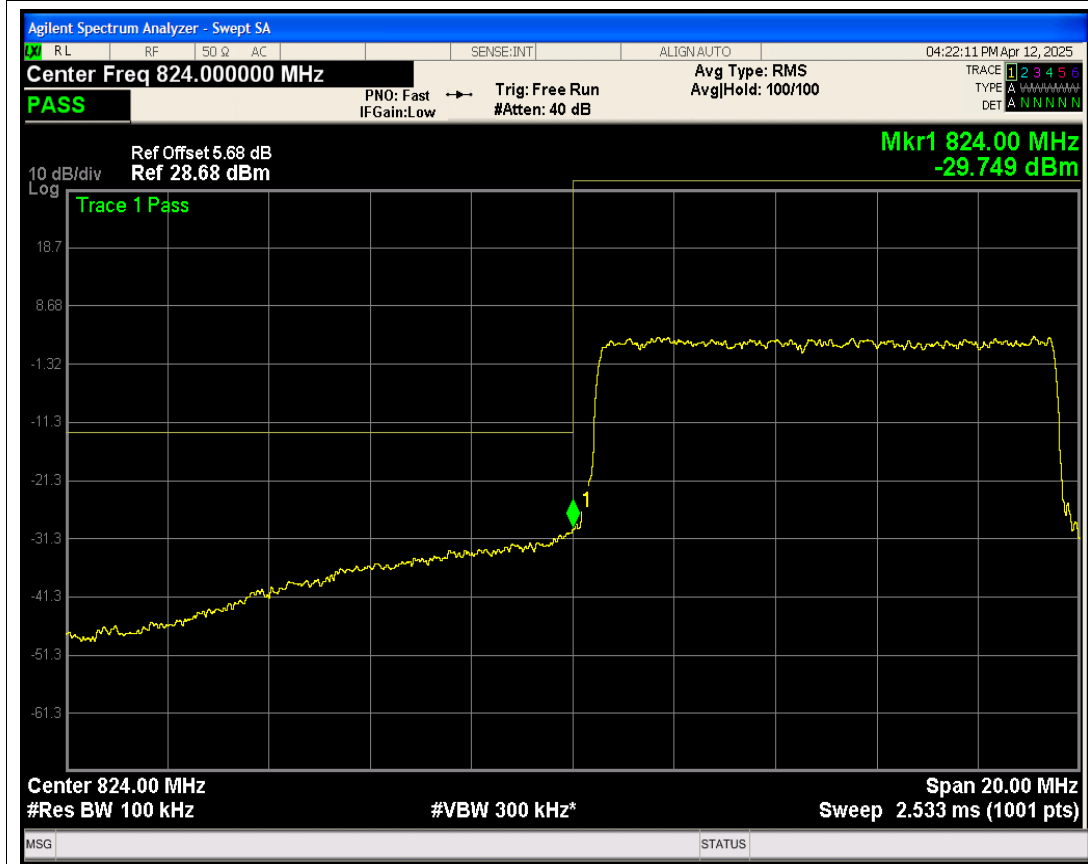
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

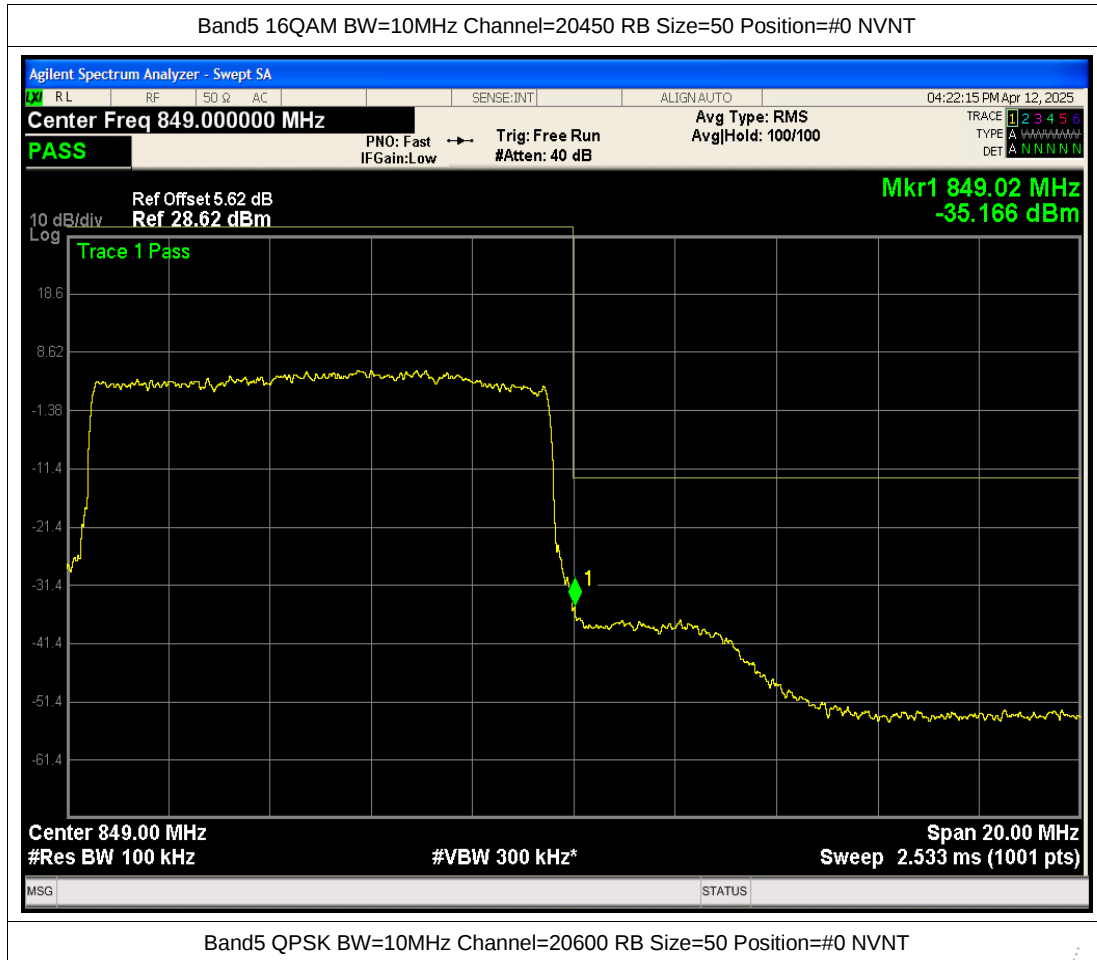


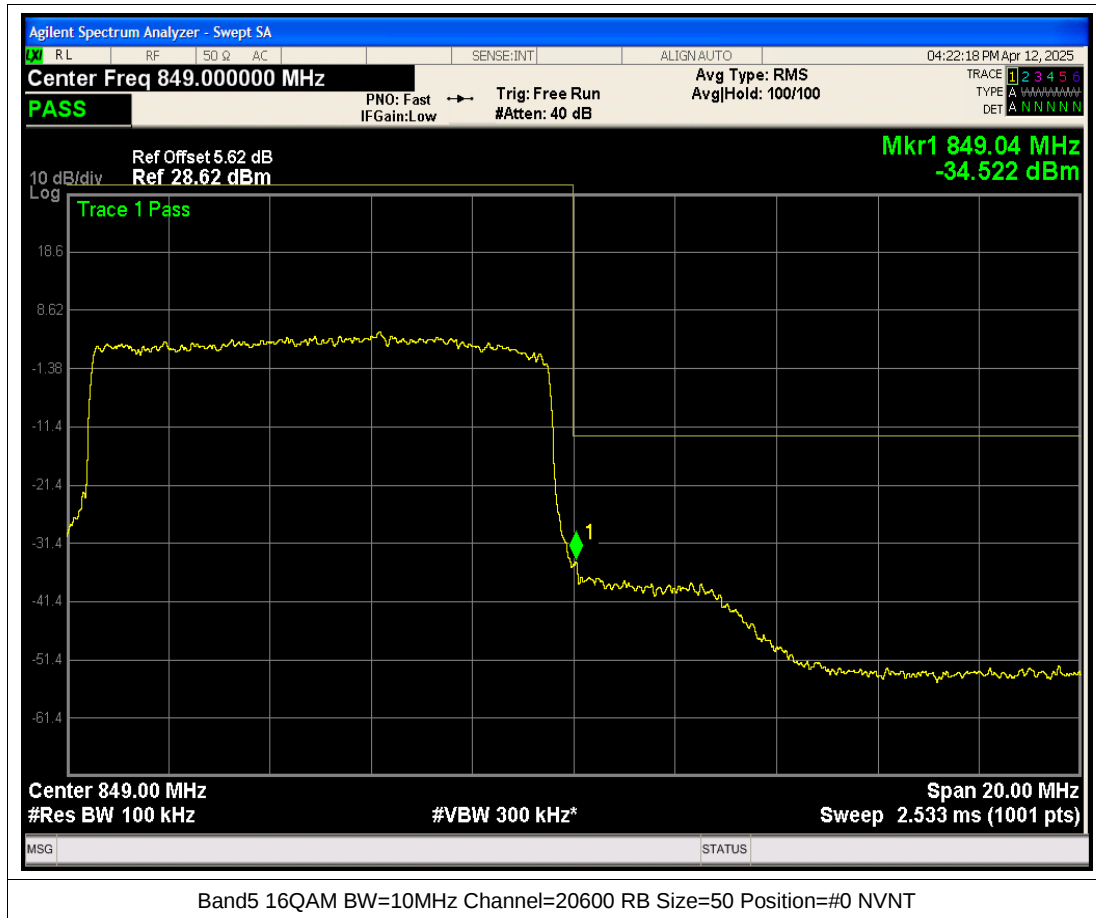




Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

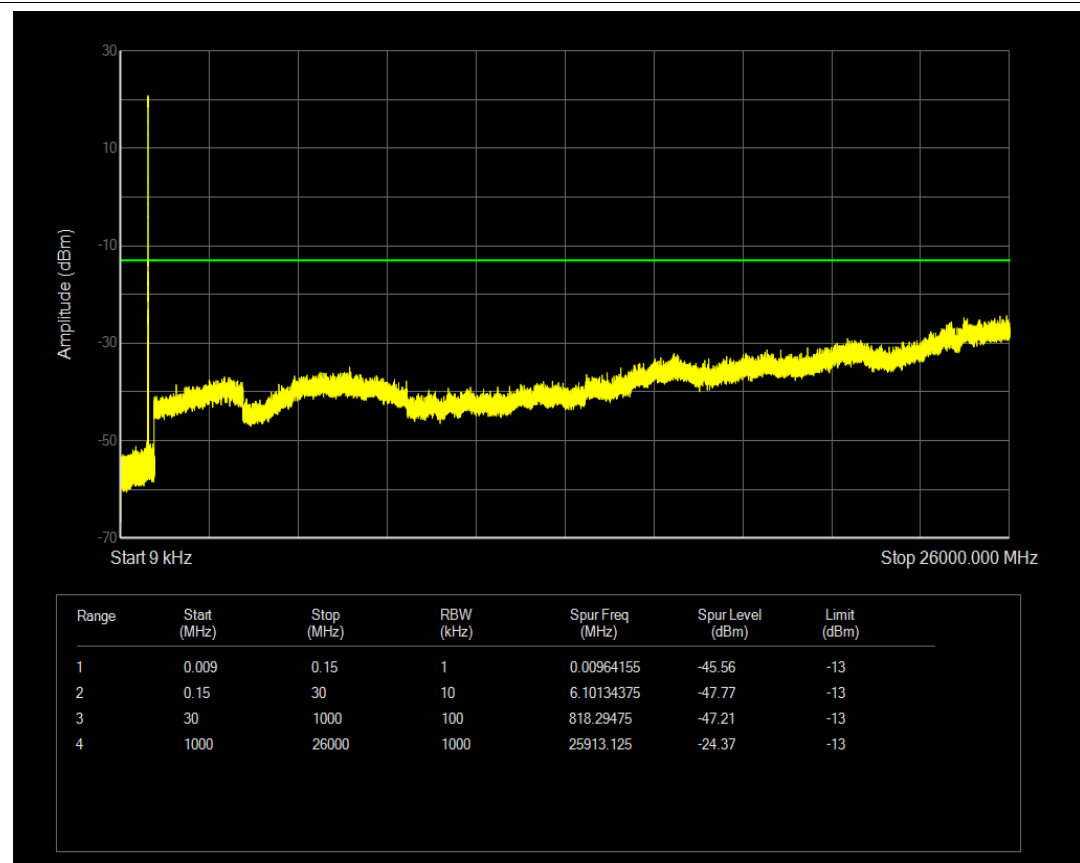




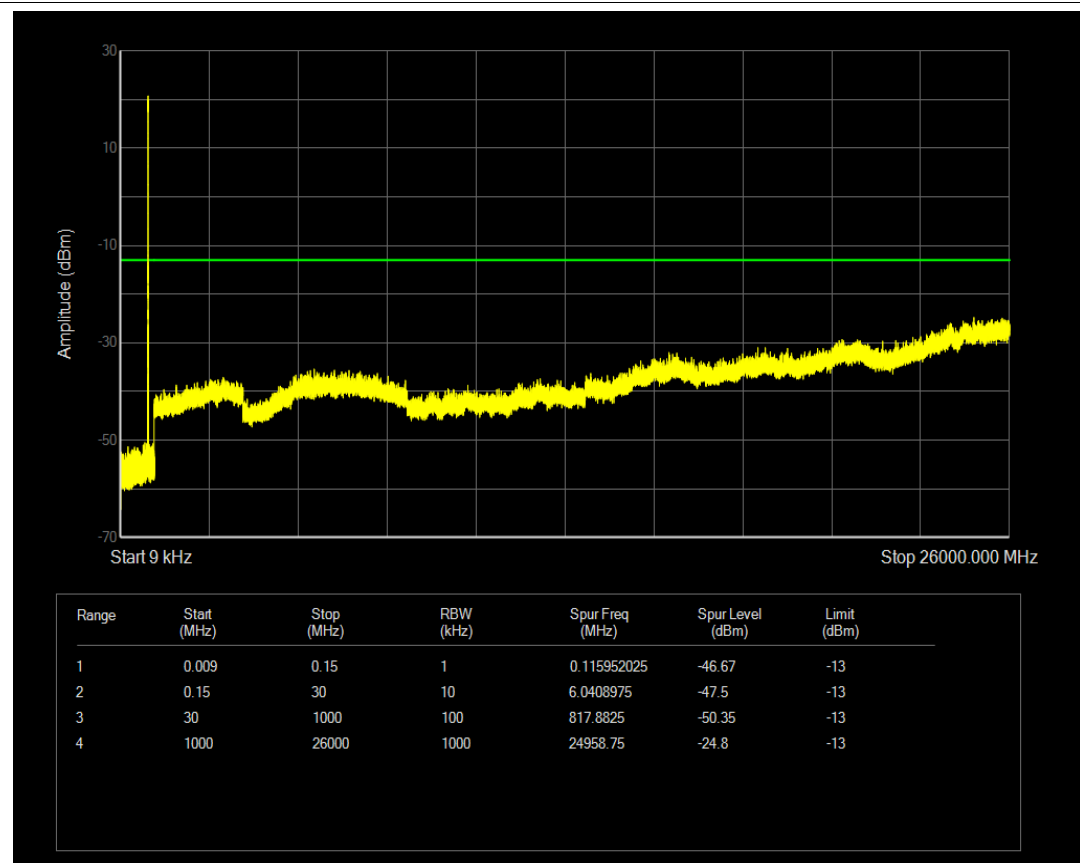


Appendix 6.Out-of-band emissions

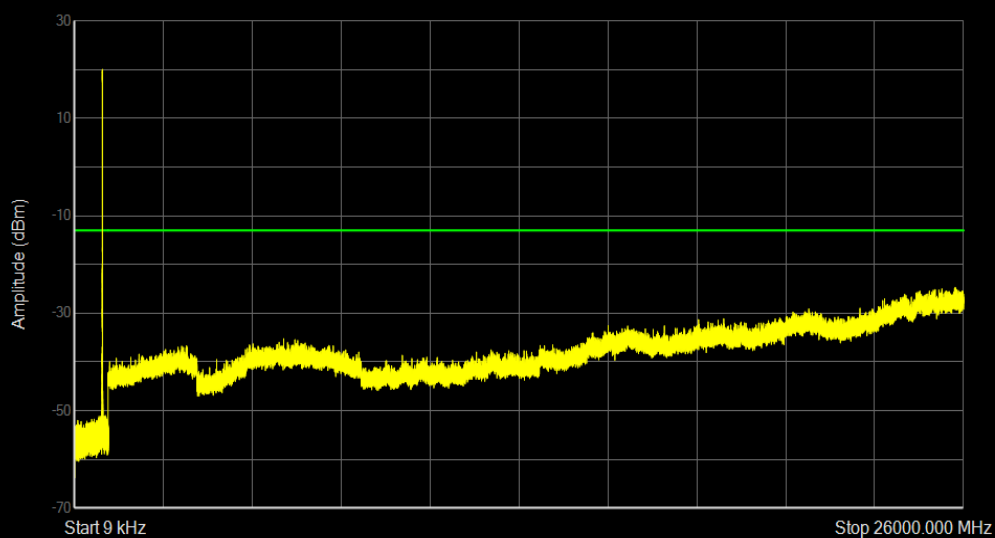
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band5	1.4	20407	6	#0	QPSK	25913.13	-24.37	-13	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	24958.75	-24.80	-13	PASS
NVNT	Band5	1.4	20525	6	#0	QPSK	25755.00	-24.70	-13	PASS
NVNT	Band5	1.4	20525	6	#0	16QAM	25822.50	-23.63	-13	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	25327.50	-24.45	-13	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	25149.38	-24.07	-13	PASS
NVNT	Band5	3	20415	15	#0	QPSK	25985.00	-24.22	-13	PASS
NVNT	Band5	3	20415	15	#0	16QAM	25910.00	-23.33	-13	PASS
NVNT	Band5	3	20525	15	#0	QPSK	24687.50	-24.09	-13	PASS
NVNT	Band5	3	20525	15	#0	16QAM	25793.13	-23.29	-13	PASS
NVNT	Band5	3	20635	15	#0	QPSK	25368.75	-23.38	-13	PASS
NVNT	Band5	3	20635	15	#0	16QAM	25968.75	-24.08	-13	PASS
NVNT	Band5	5	20425	25	#0	QPSK	25959.38	-24.56	-13	PASS
NVNT	Band5	5	20425	25	#0	16QAM	25088.75	-24.31	-13	PASS
NVNT	Band5	5	20525	25	#0	QPSK	25436.88	-25.02	-13	PASS
NVNT	Band5	5	20525	25	#0	16QAM	25134.38	-24.49	-13	PASS
NVNT	Band5	5	20625	25	#0	QPSK	25795.63	-24.24	-13	PASS
NVNT	Band5	5	20625	25	#0	16QAM	25396.88	-24.33	-13	PASS
NVNT	Band5	10	20450	50	#0	QPSK	25568.75	-24.45	-13	PASS
NVNT	Band5	10	20450	50	#0	16QAM	25973.75	-24.40	-13	PASS
NVNT	Band5	10	20525	50	#0	QPSK	25546.25	-23.86	-13	PASS
NVNT	Band5	10	20525	50	#0	16QAM	25510.63	-24.45	-13	PASS
NVNT	Band5	10	20600	50	#0	QPSK	25286.25	-24.54	-13	PASS
NVNT	Band5	10	20600	50	#0	16QAM	25741.88	-24.32	-13	PASS



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

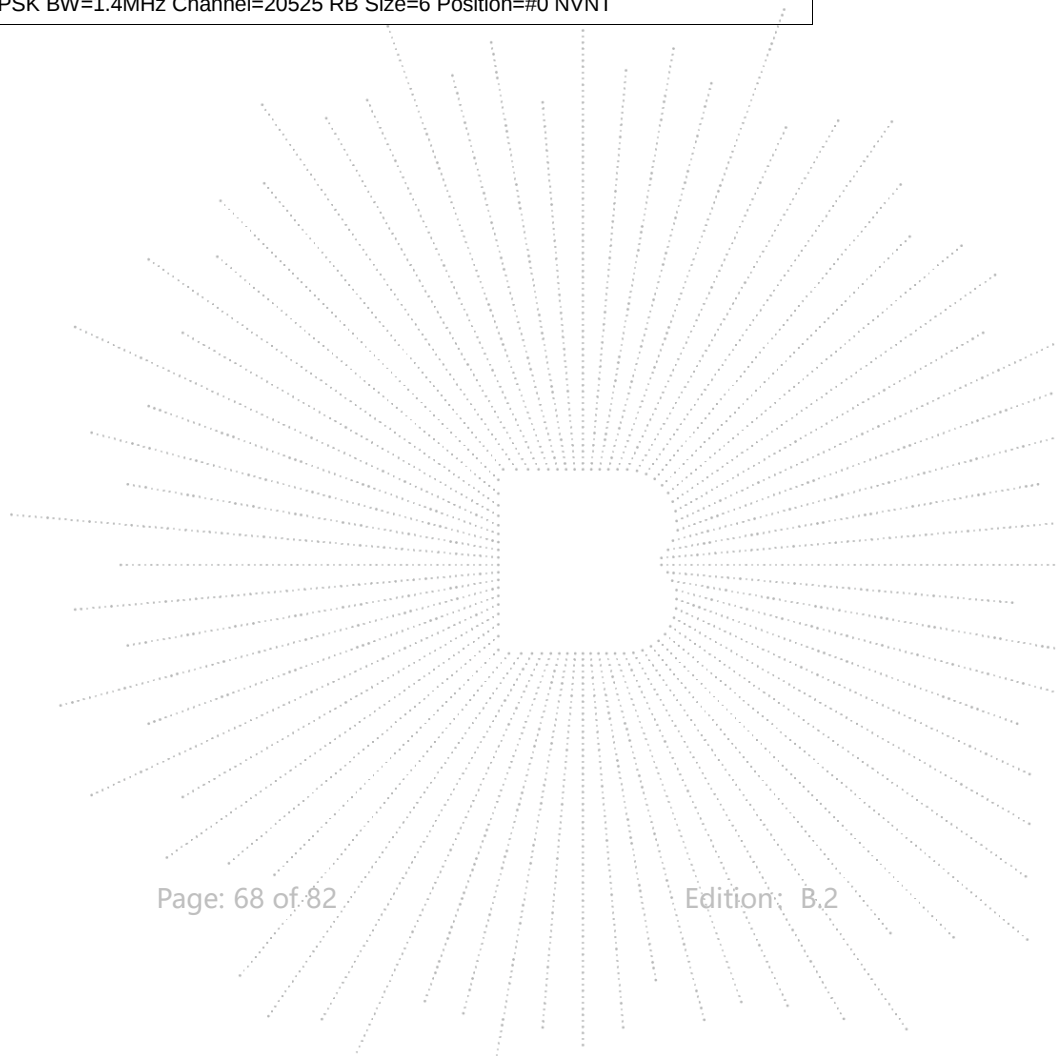


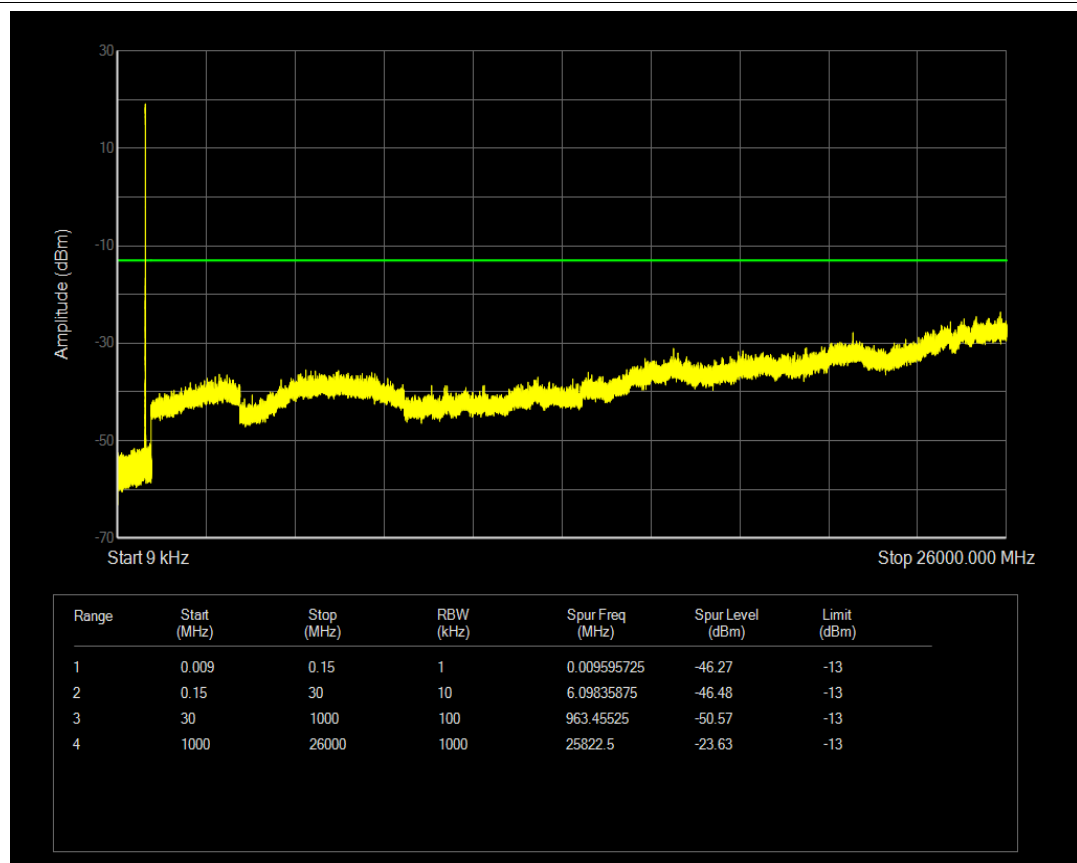
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT



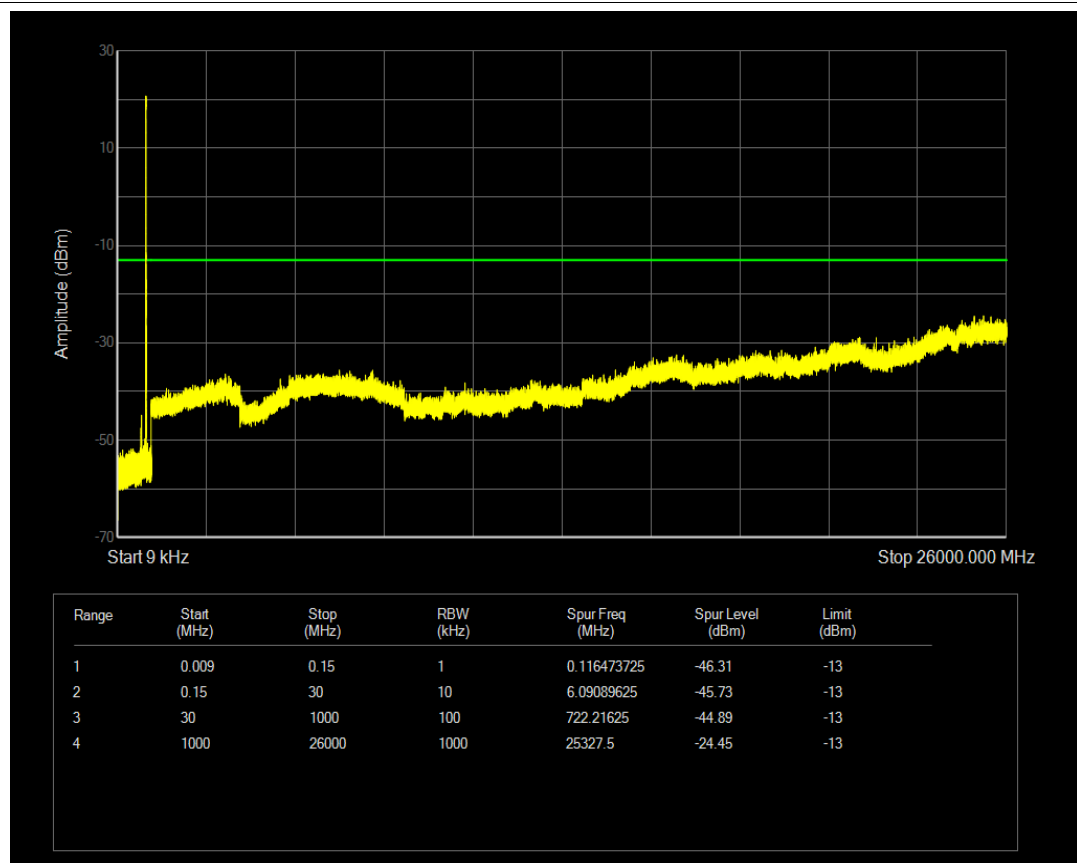
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.12	-13
2	0.15	30	10	6.3602925	-47.36	-13
3	30	1000	100	919.65975	-51.02	-13
4	1000	26000	1000	25755	-24.7	-13

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



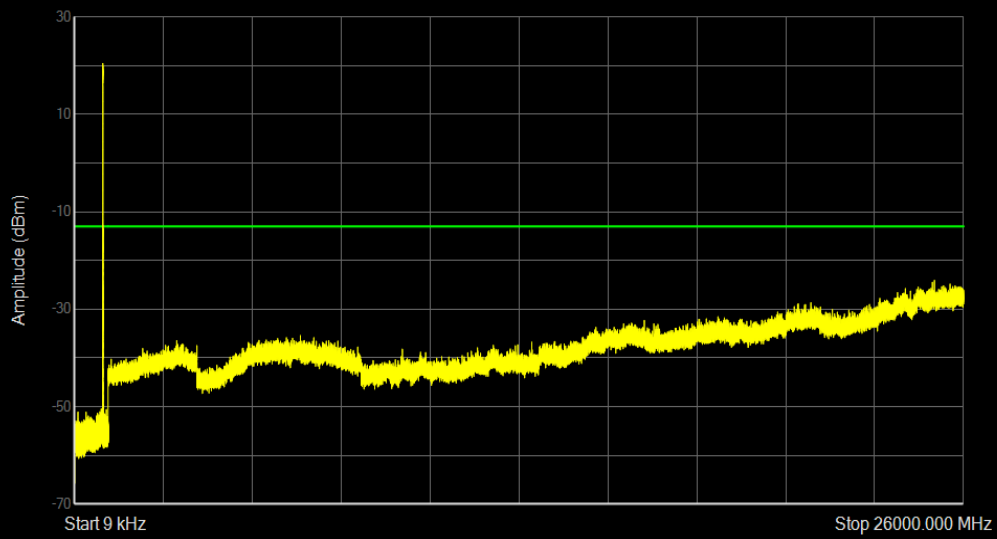


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT



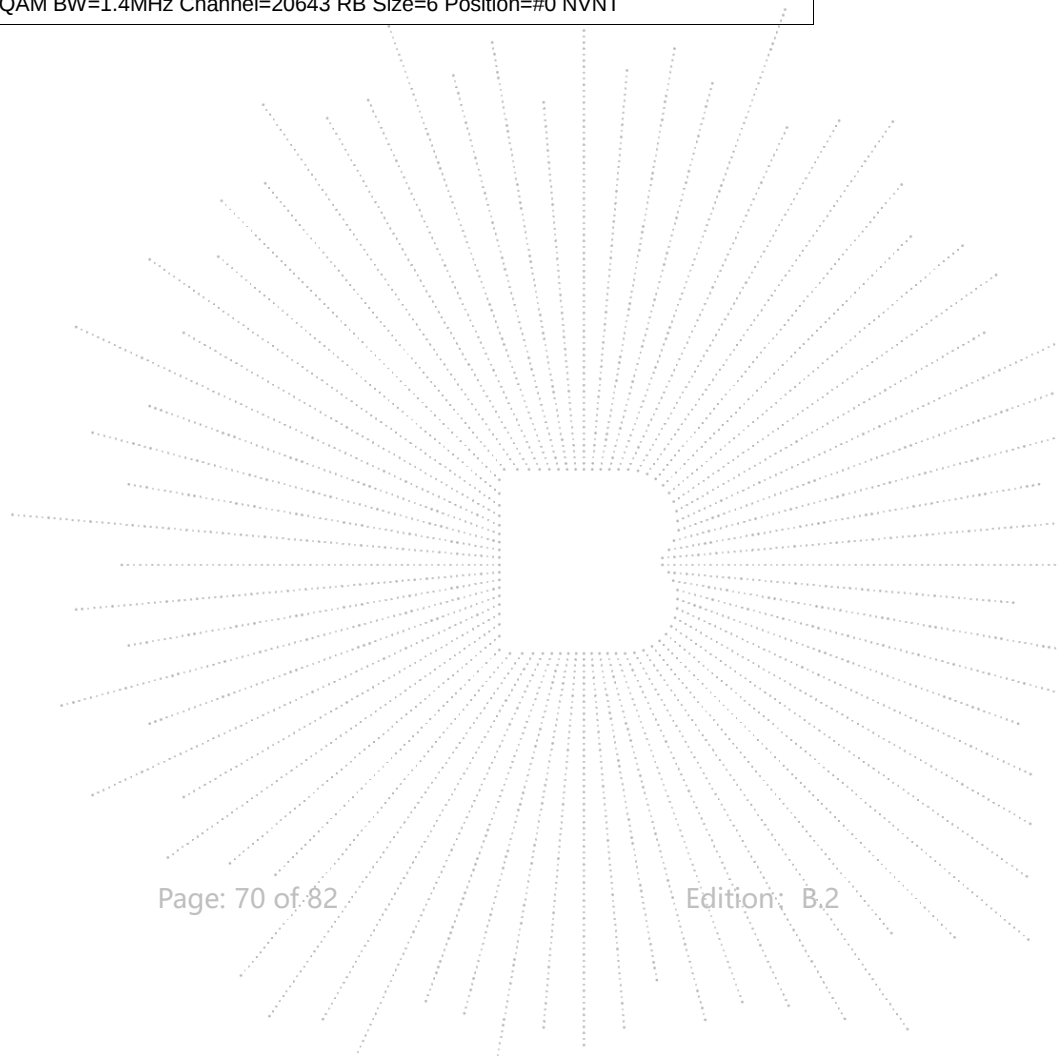


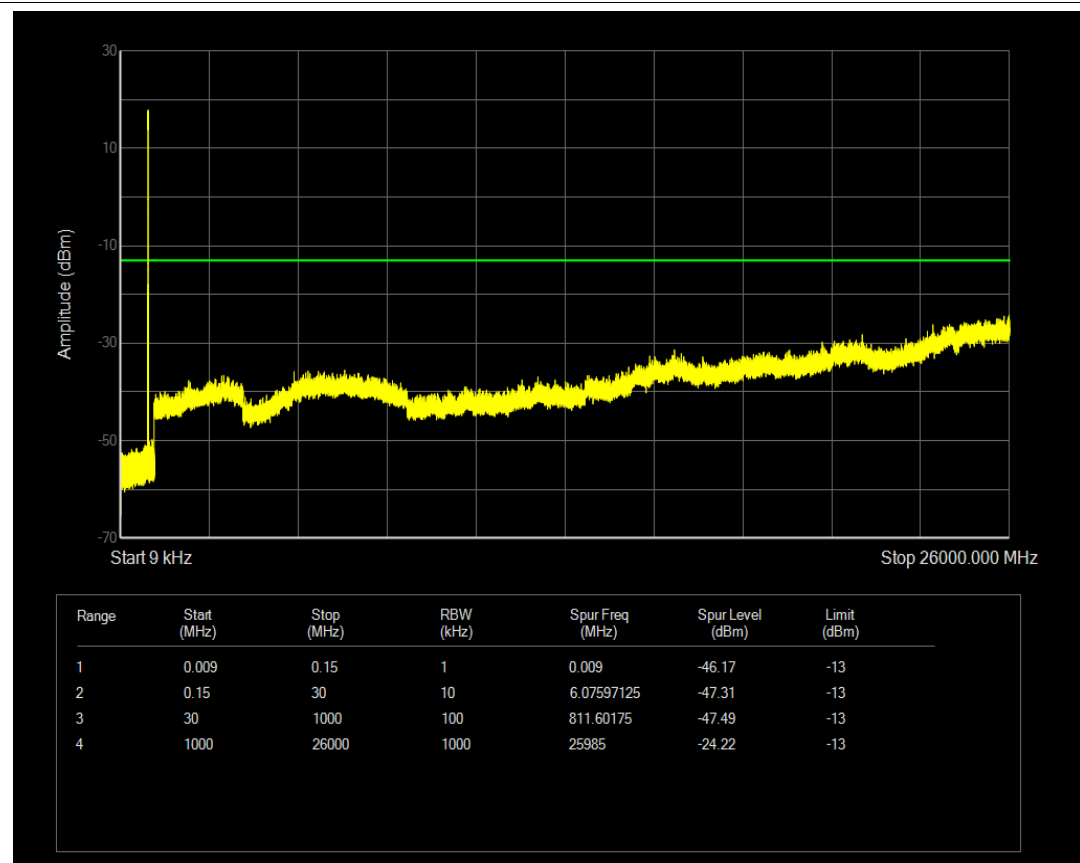
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT



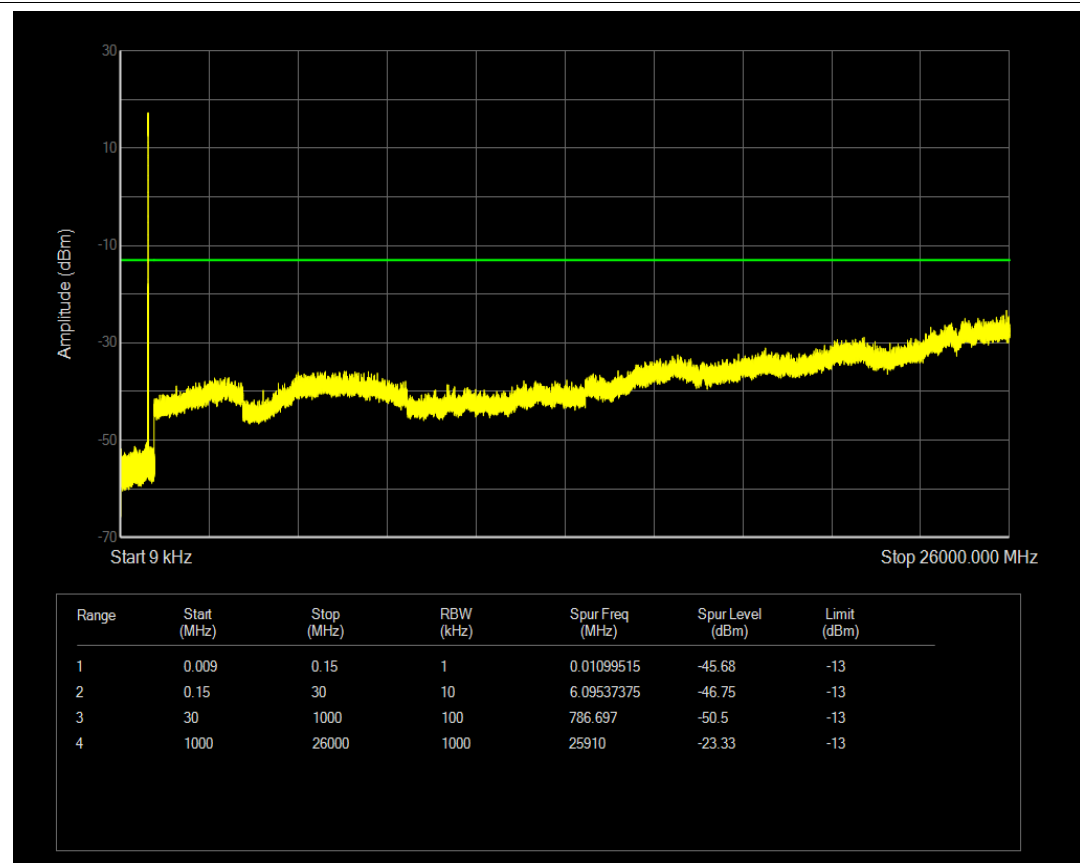
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009130425	-45.19	-13
2	0.15	30	10	6.03716625	-47.86	-13
3	30	1000	100	800.34975	-50.48	-13
4	1000	26000	1000	25149.375	-24.07	-13

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

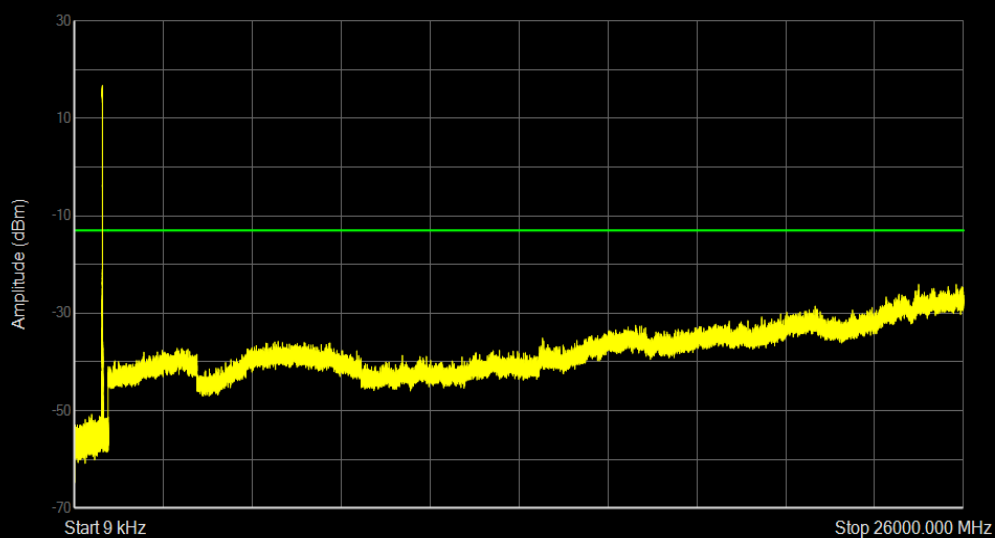




Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT

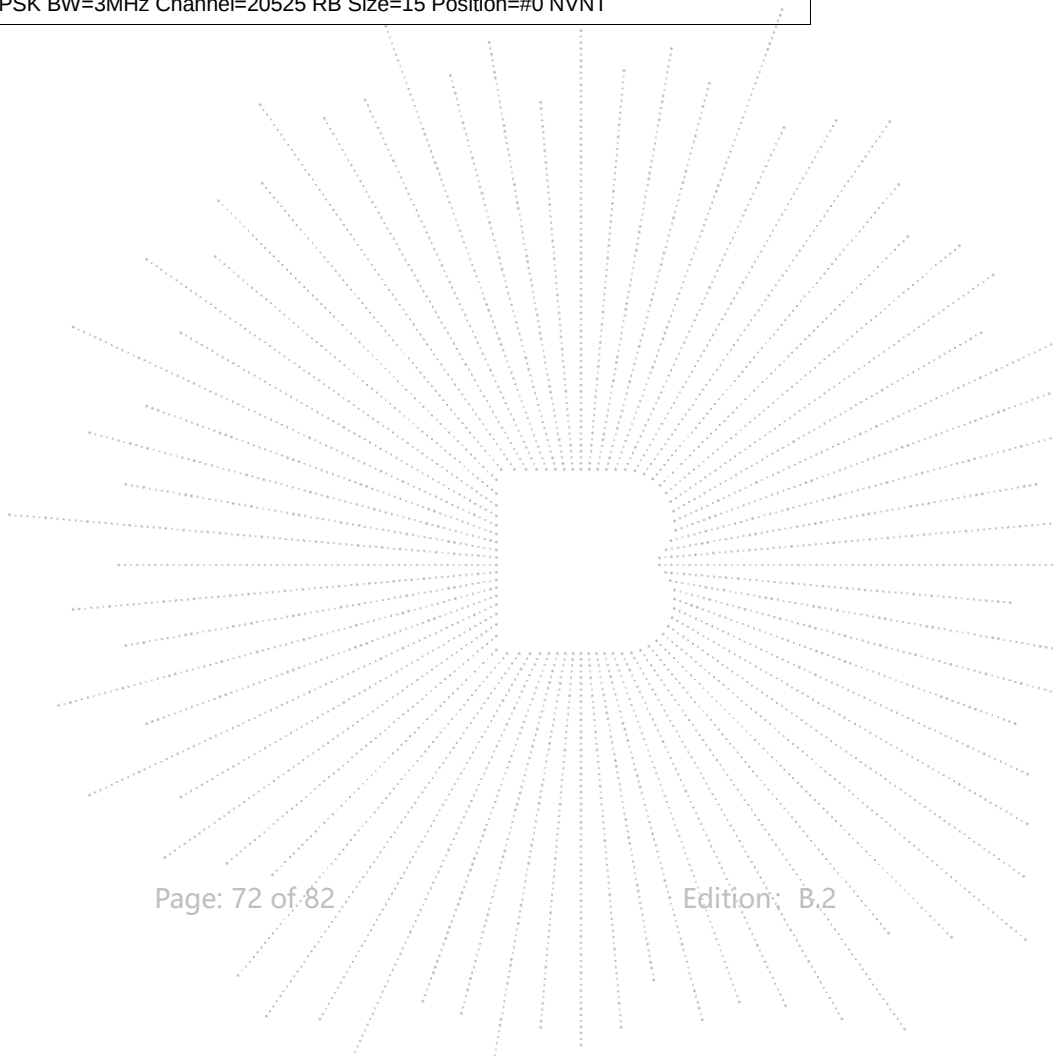


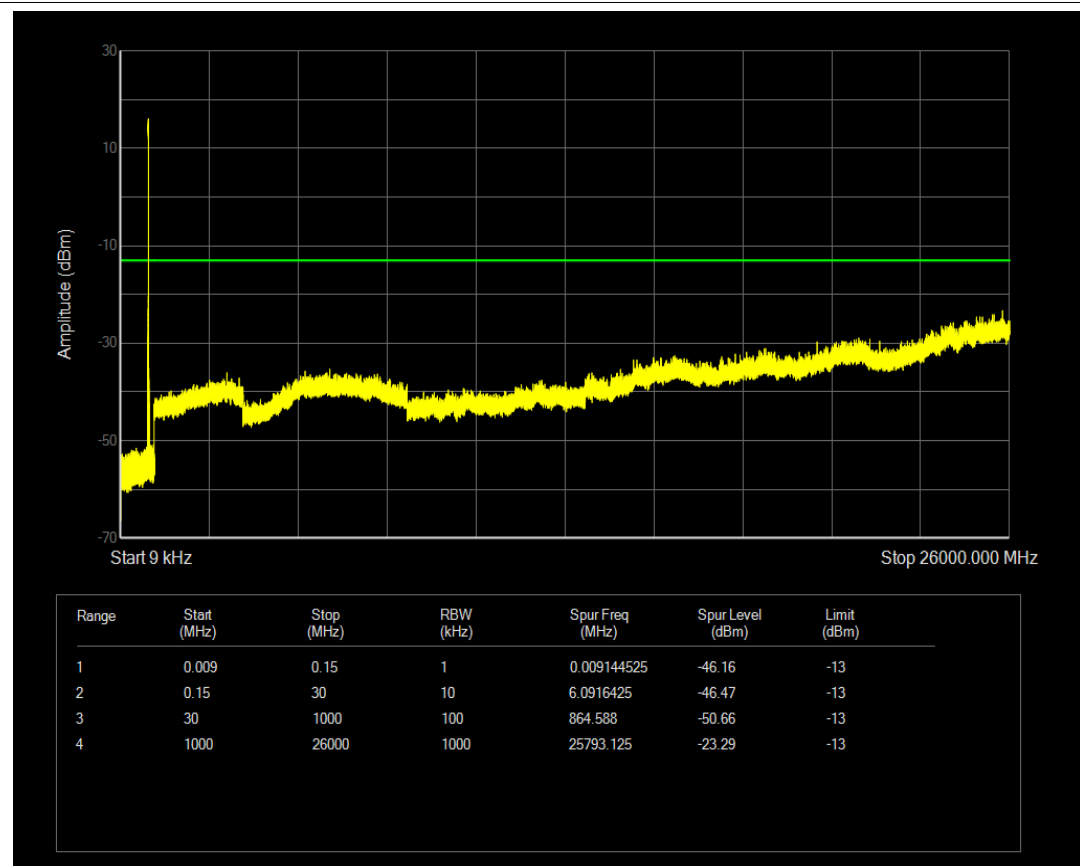
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT



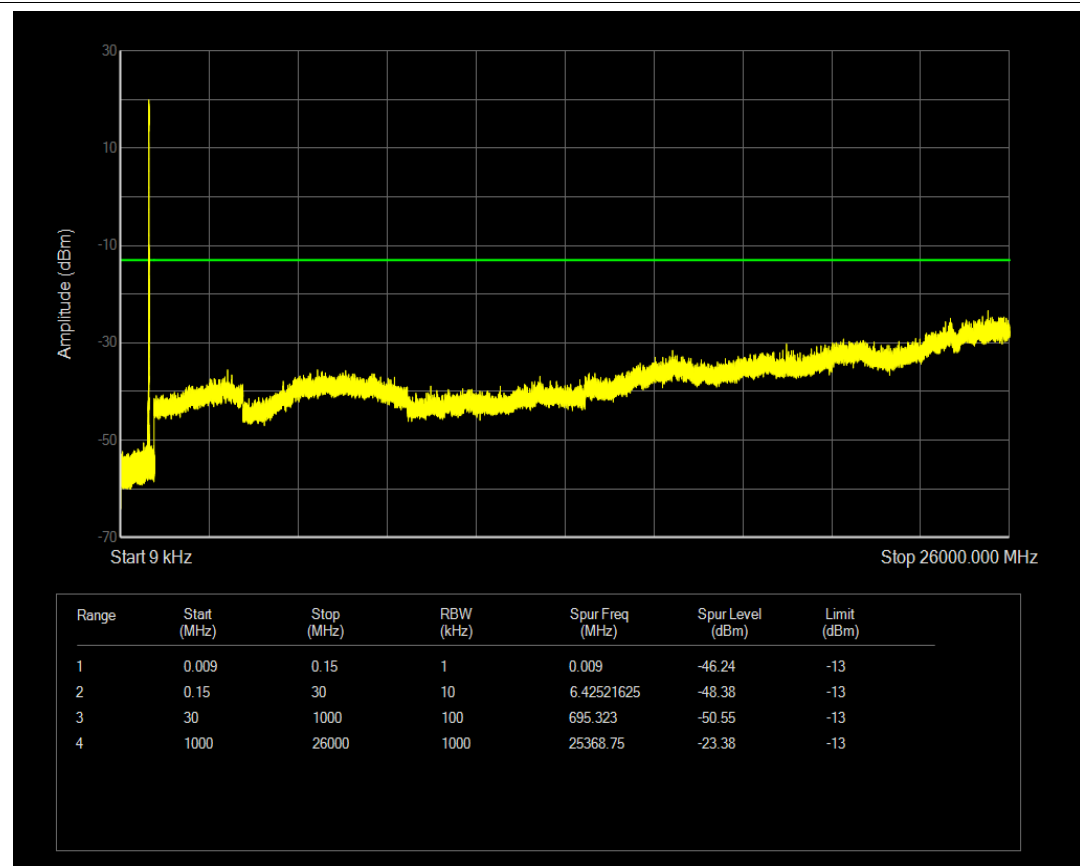
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-47.21	-13
2	0.15	30	10	6.63267375	-47.24	-13
3	30	1000	100	521.32925	-50.77	-13
4	1000	26000	1000	24687.5	-24.09	-13

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

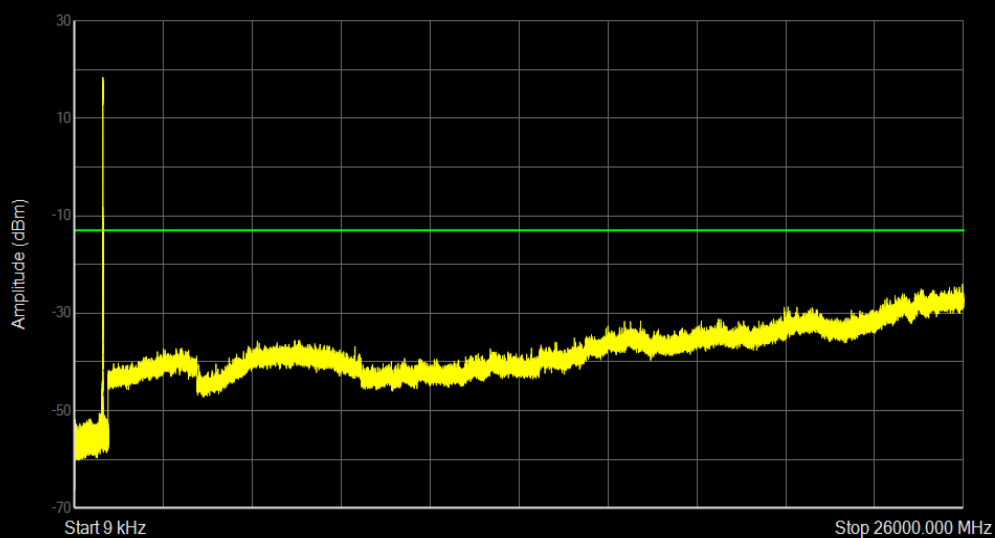




Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT

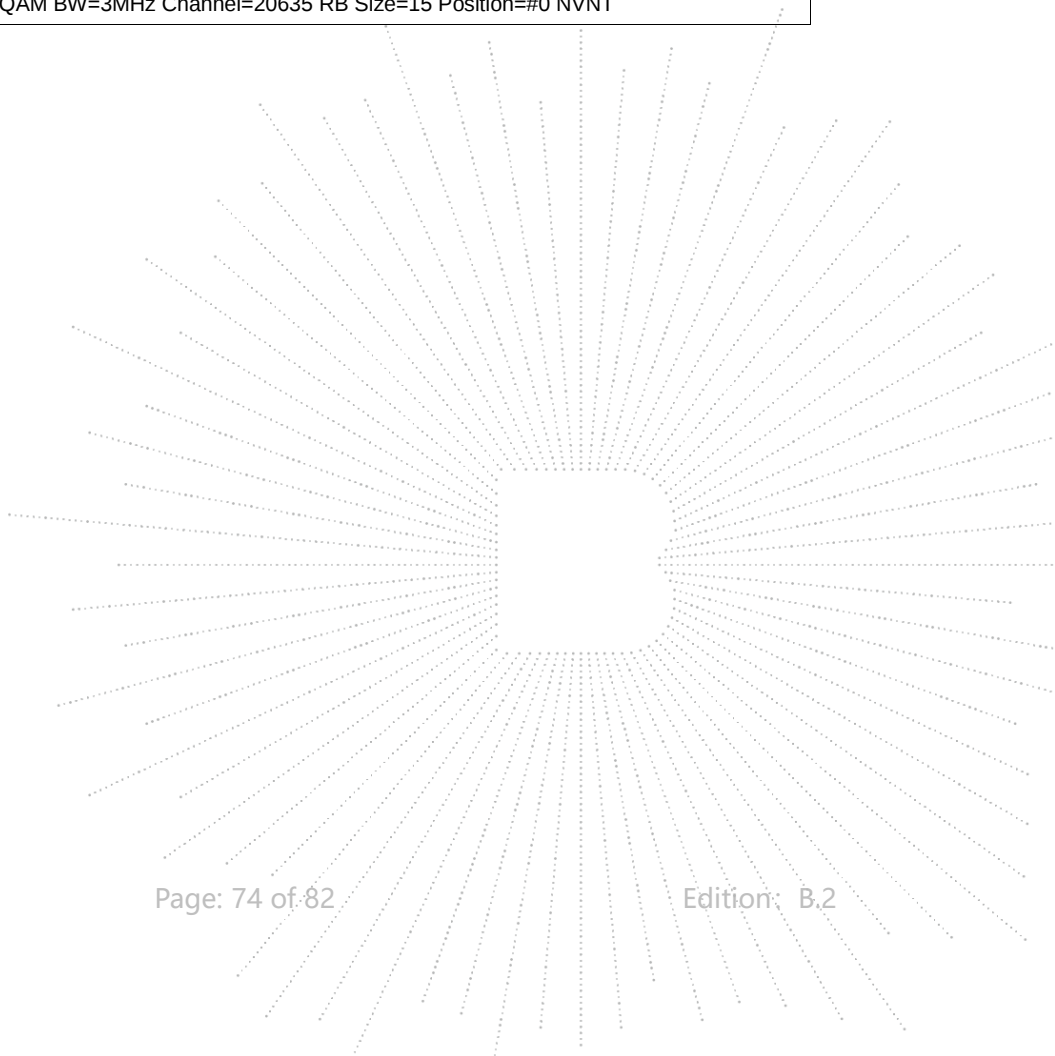


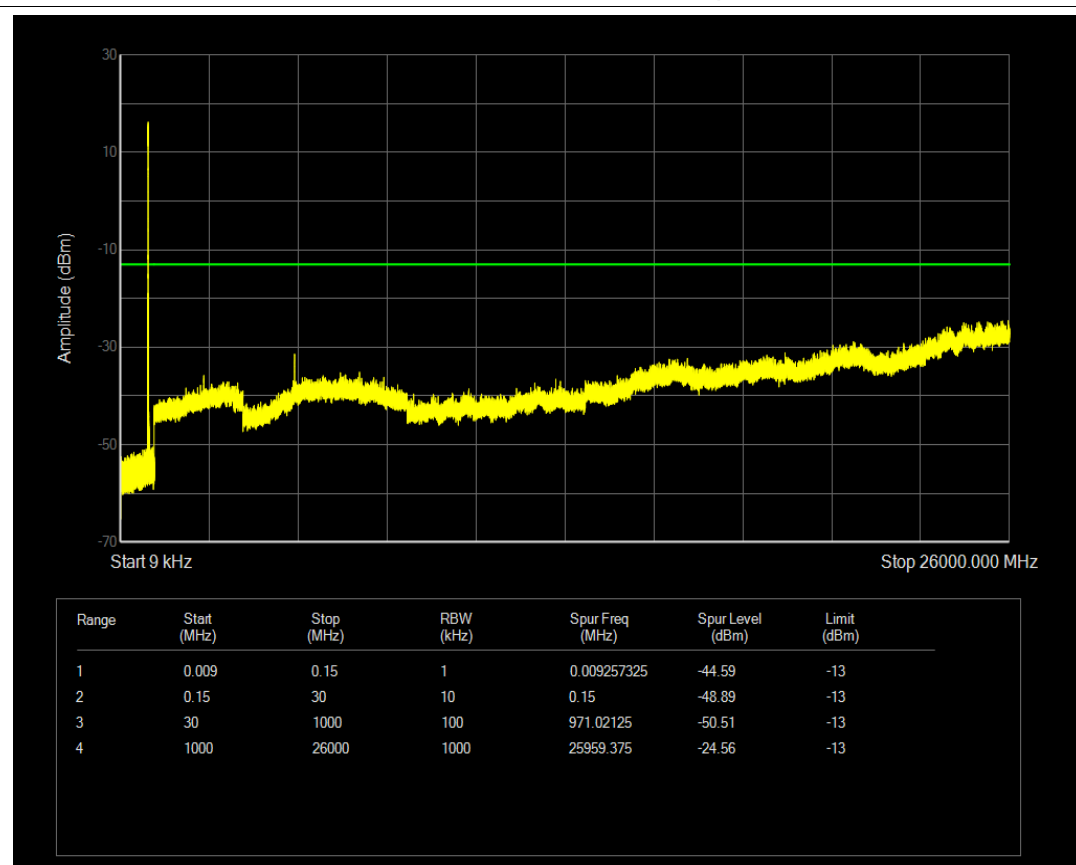
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT



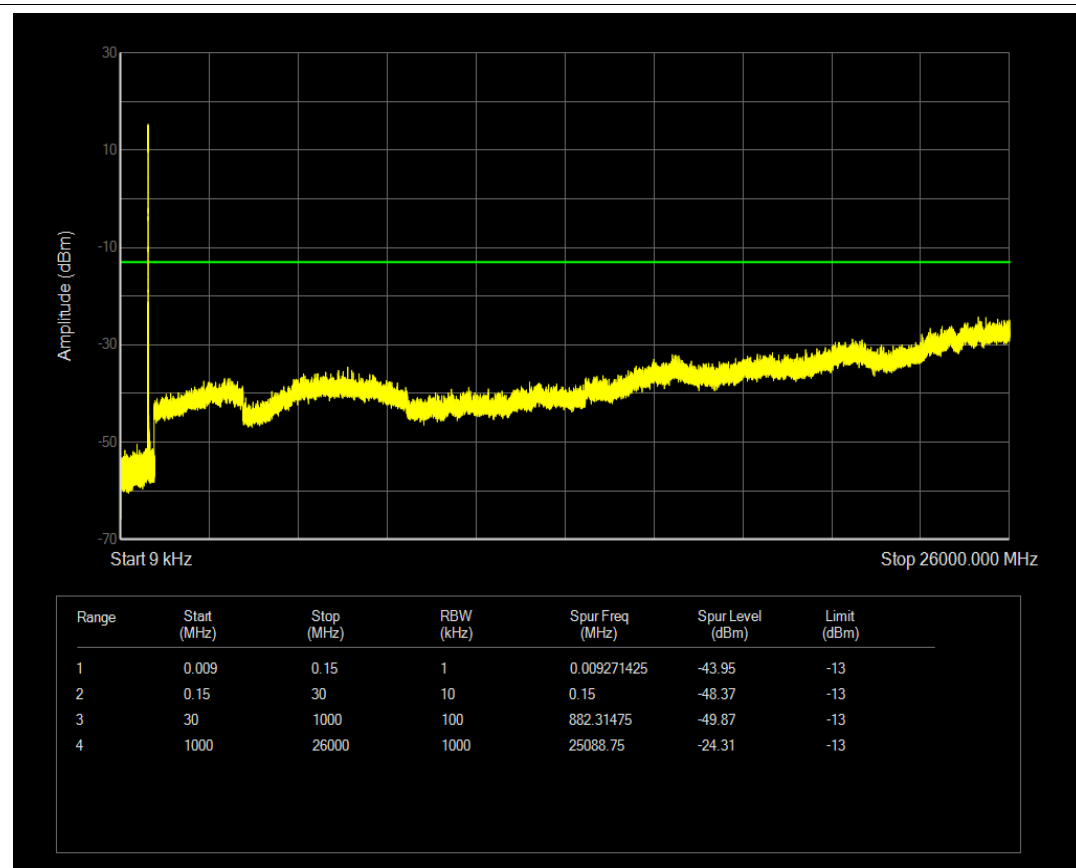
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009377175	-46.88	-13
2	0.15	30	10	6.1035825	-47.82	-13
3	30	1000	100	745.15675	-50.56	-13
4	1000	26000	1000	25968.75	-24.08	-13

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

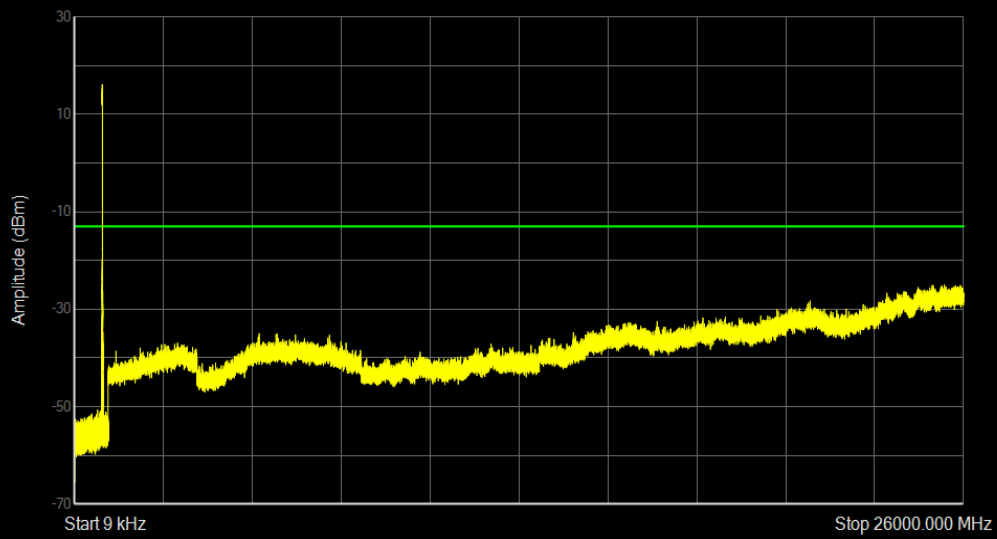




Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

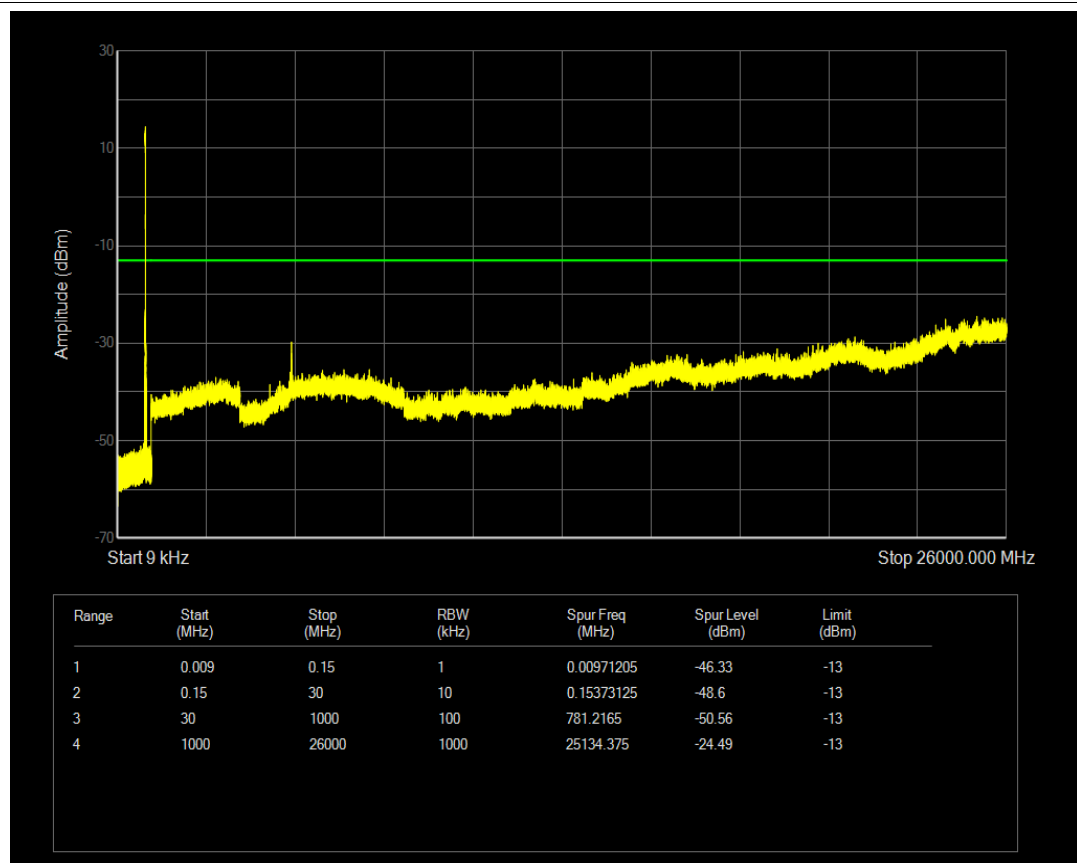


Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

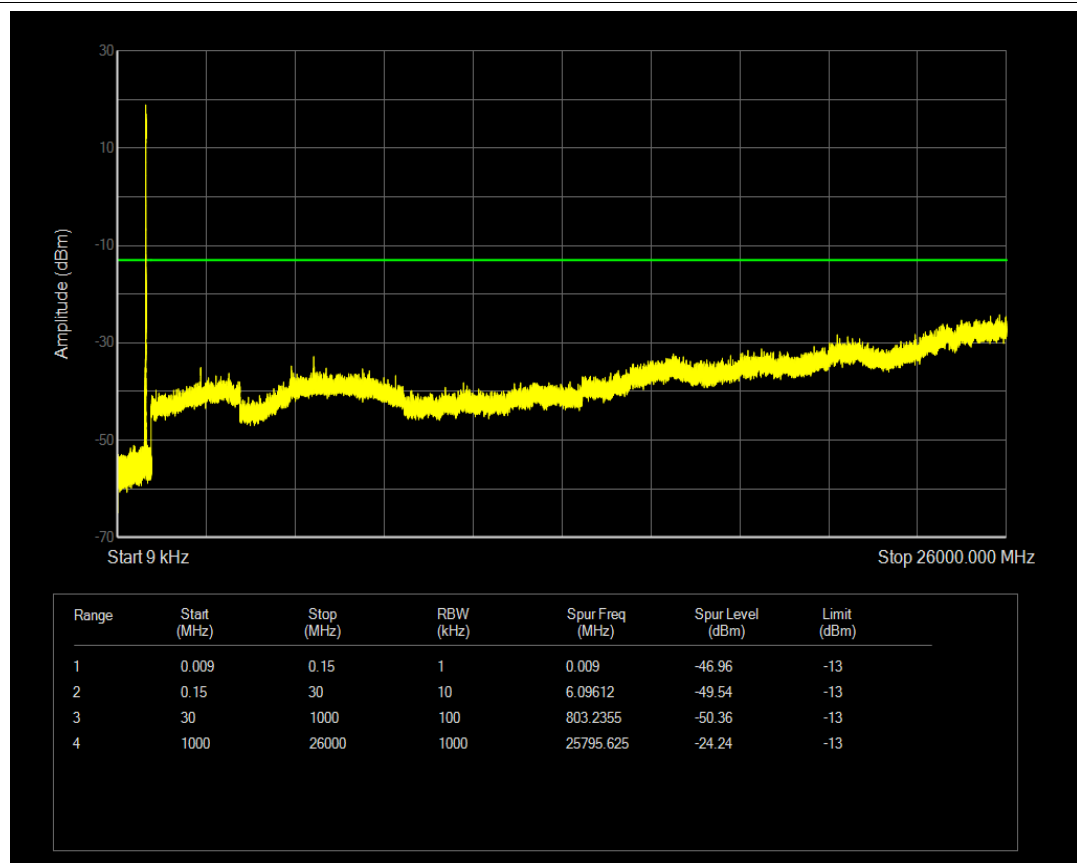


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00914805	-44.73	-13
2	0.15	30	10	6.07821	-48.91	-13
3	30	1000	100	693.0435	-50.68	-13
4	1000	26000	1000	25436.875	-25.02	-13

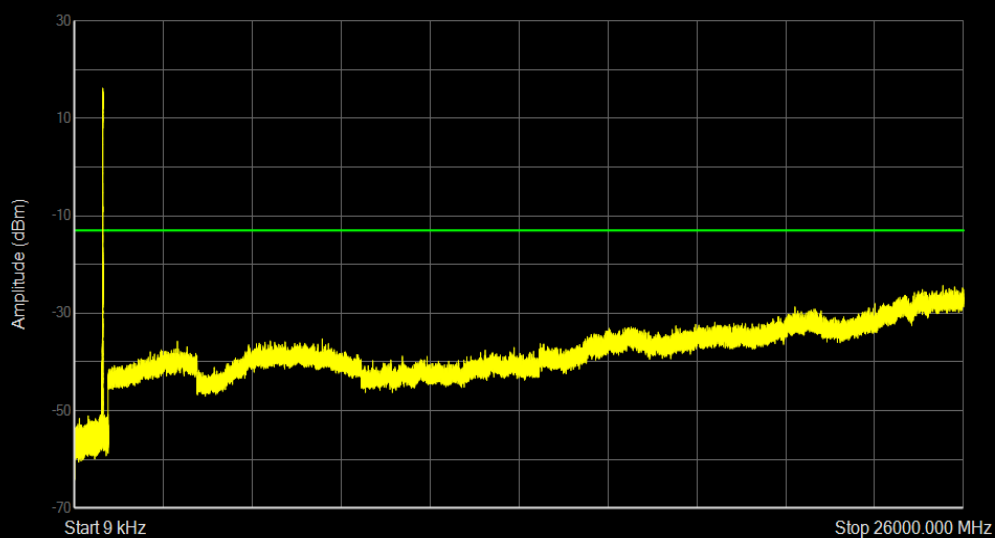
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT



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

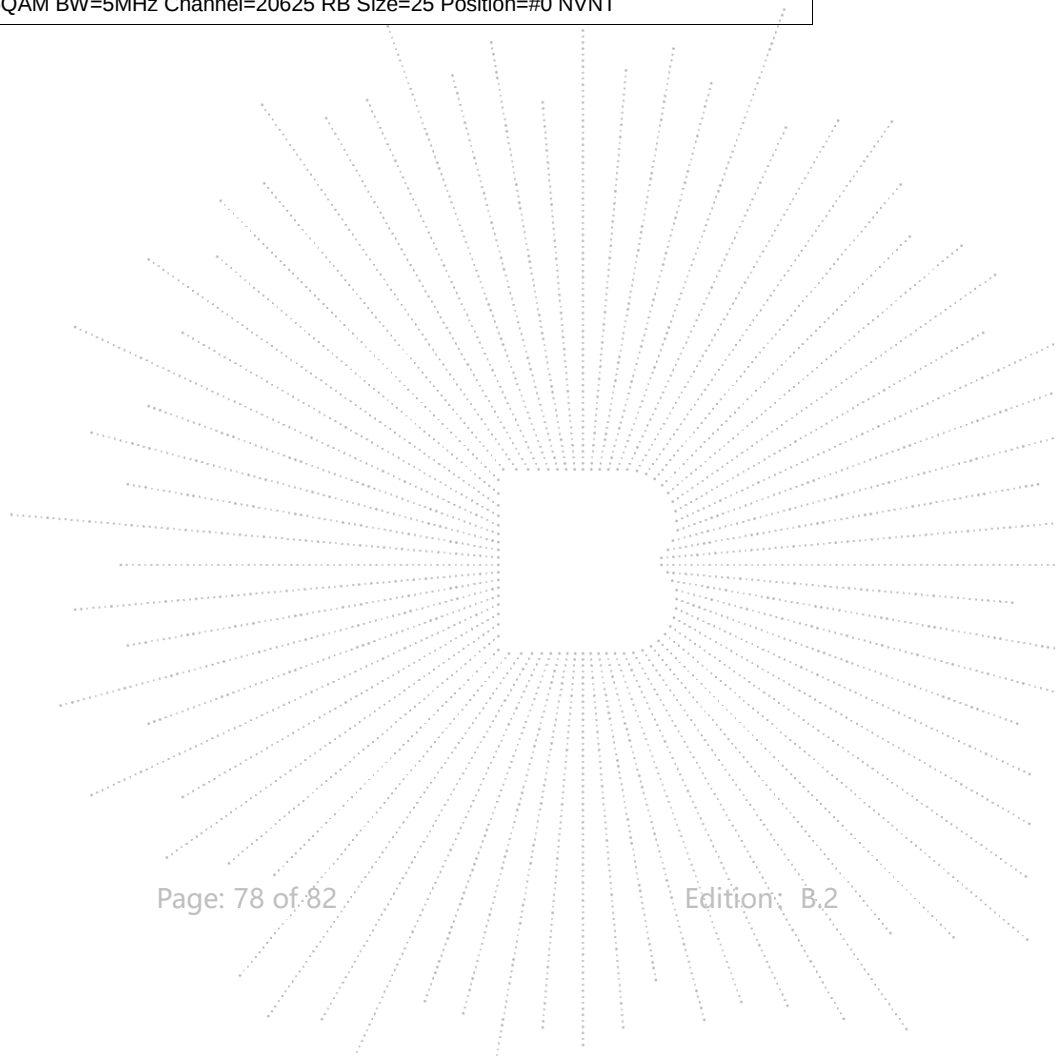


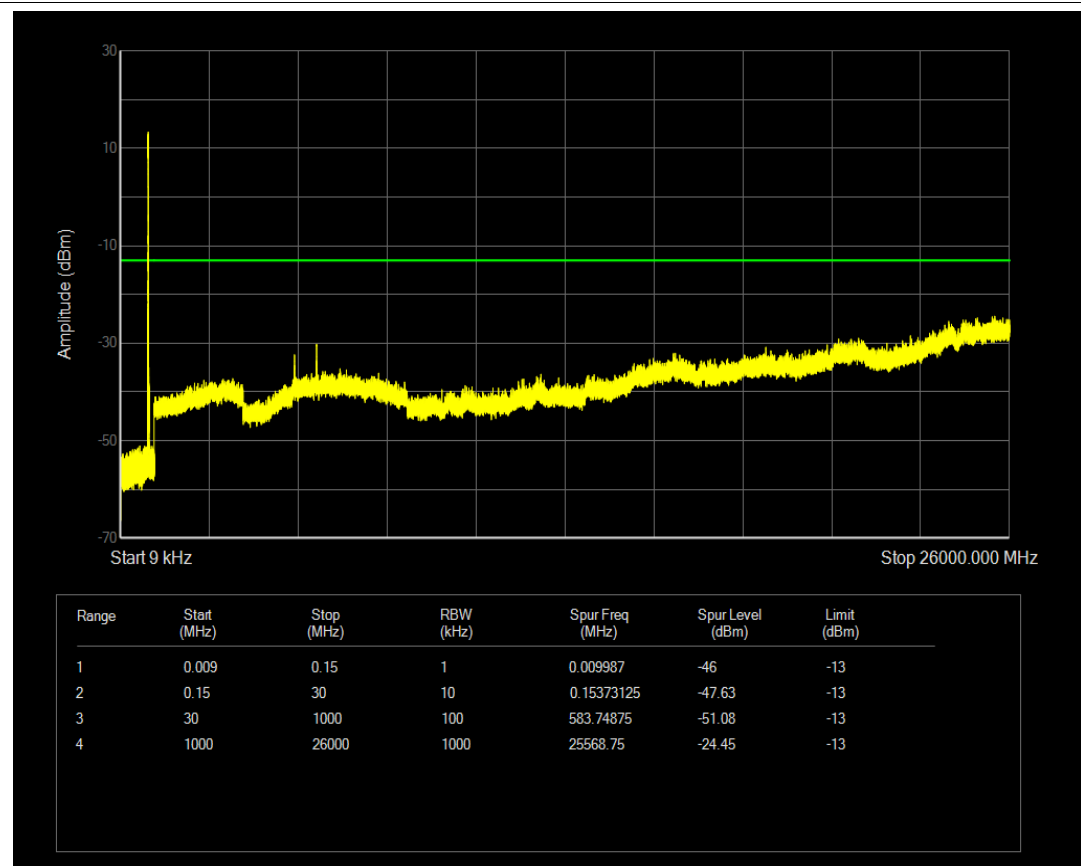
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0 NVNT



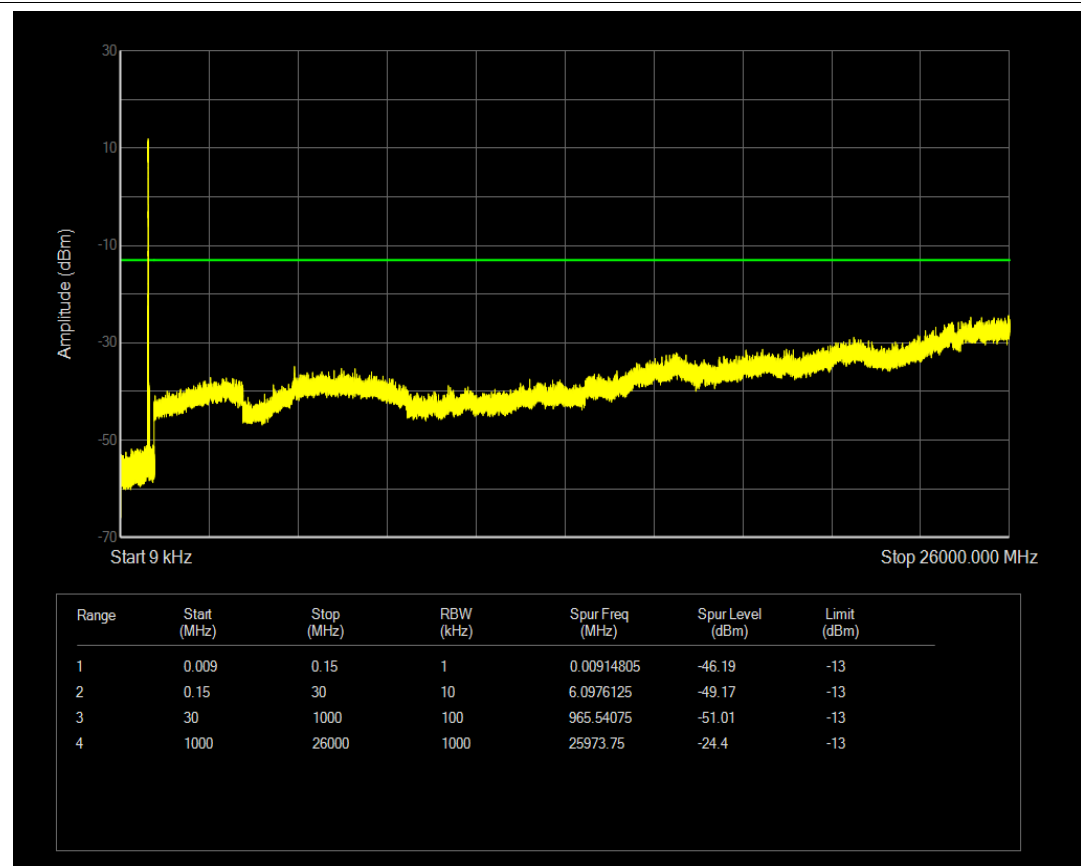
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.116107125	-47.23	-13
2	0.15	30	10	0.17761125	-48.14	-13
3	30	1000	100	997.59925	-50.76	-13
4	1000	26000	1000	25396.875	-24.33	-13

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

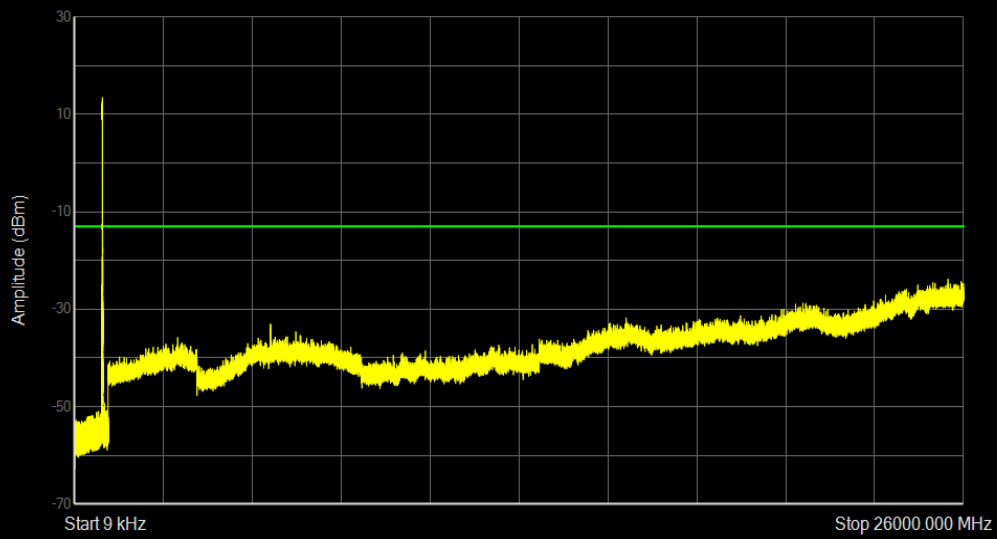




Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

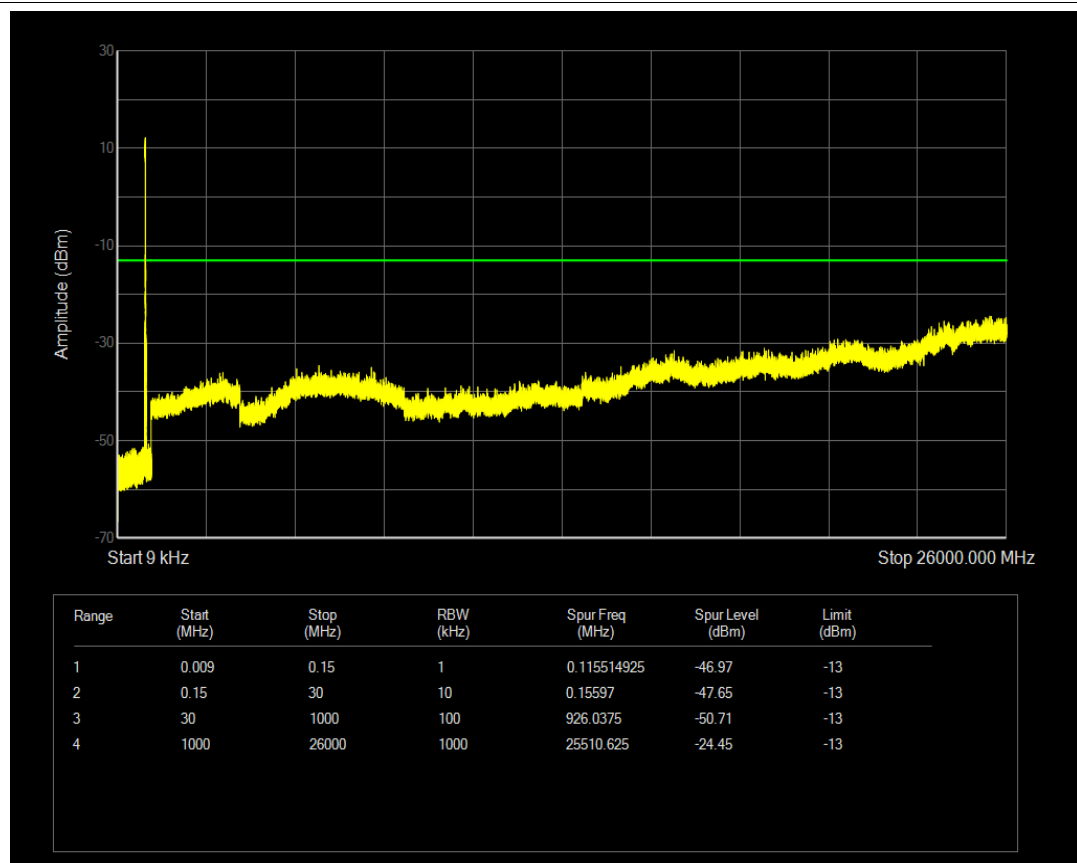


Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

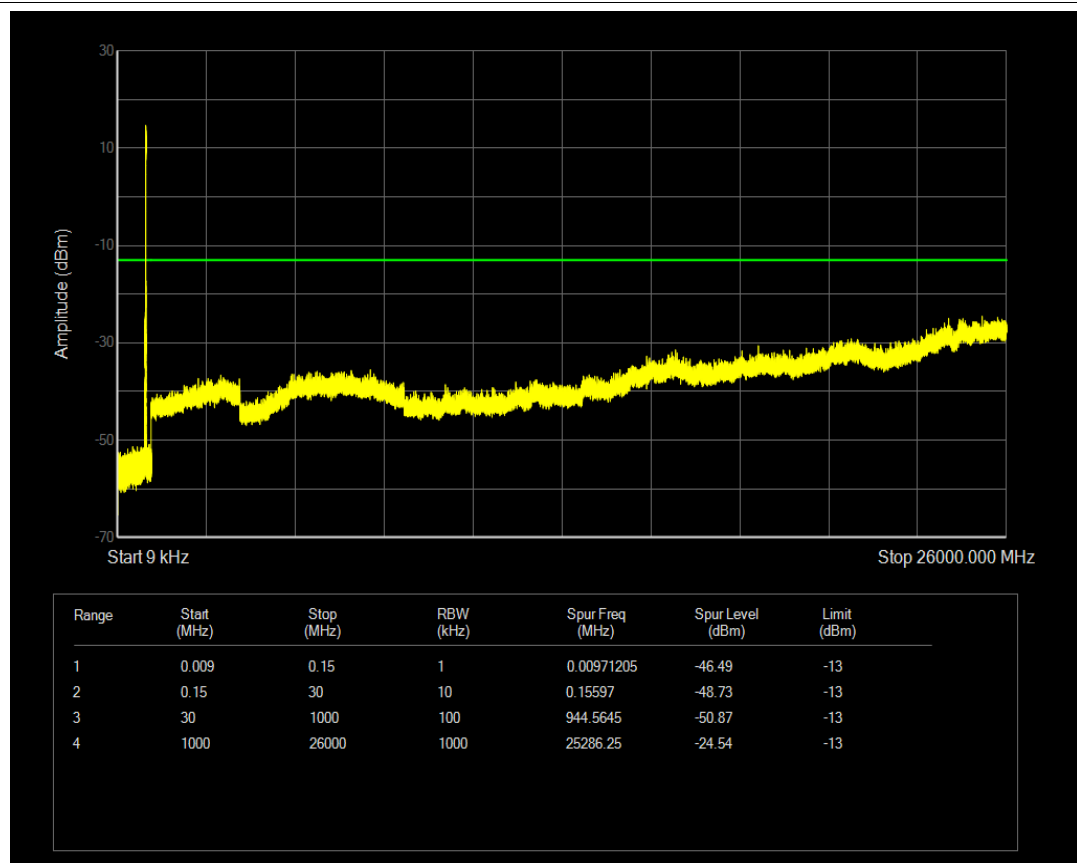


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011252475	-45.44	-13
2	0.15	30	10	0.17313375	-49.05	-13
3	30	1000	100	901.2055	-49.37	-13
4	1000	26000	1000	25546.25	-23.86	-13

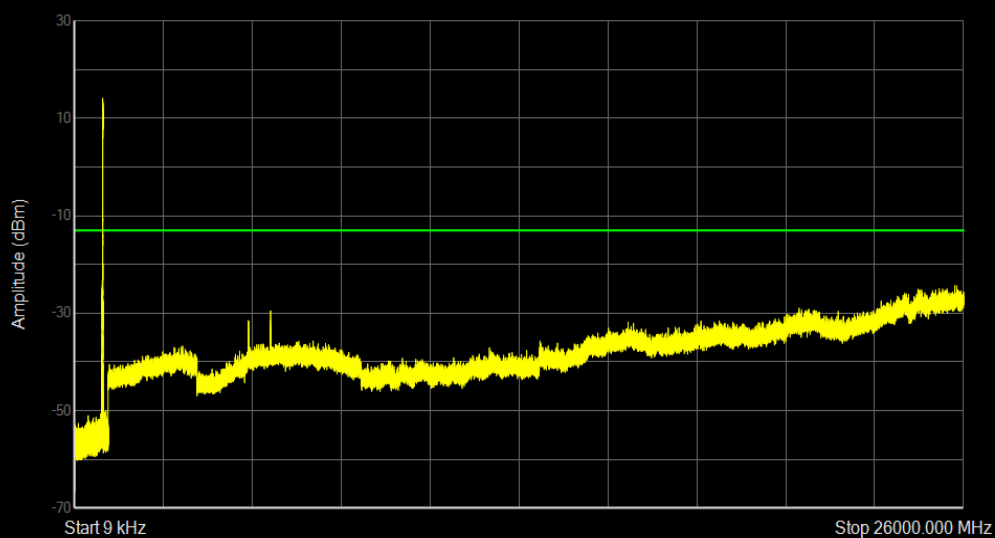
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0 NVNT



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	0.009482925	-45.11	-13
2	0.15	30	10	0.17164125	-49.08	-13
3	30	1000	100	940.32075	-49.99	-13
4	1000	26000	1000	25741.875	-24.32	-13

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

