

Appendix for Band 5

Report No.: BCTC2507499166-6E

Applicant: Shenzhen Qichang Intelligent Technology Co., Ltd

Product Name: Smart Phone

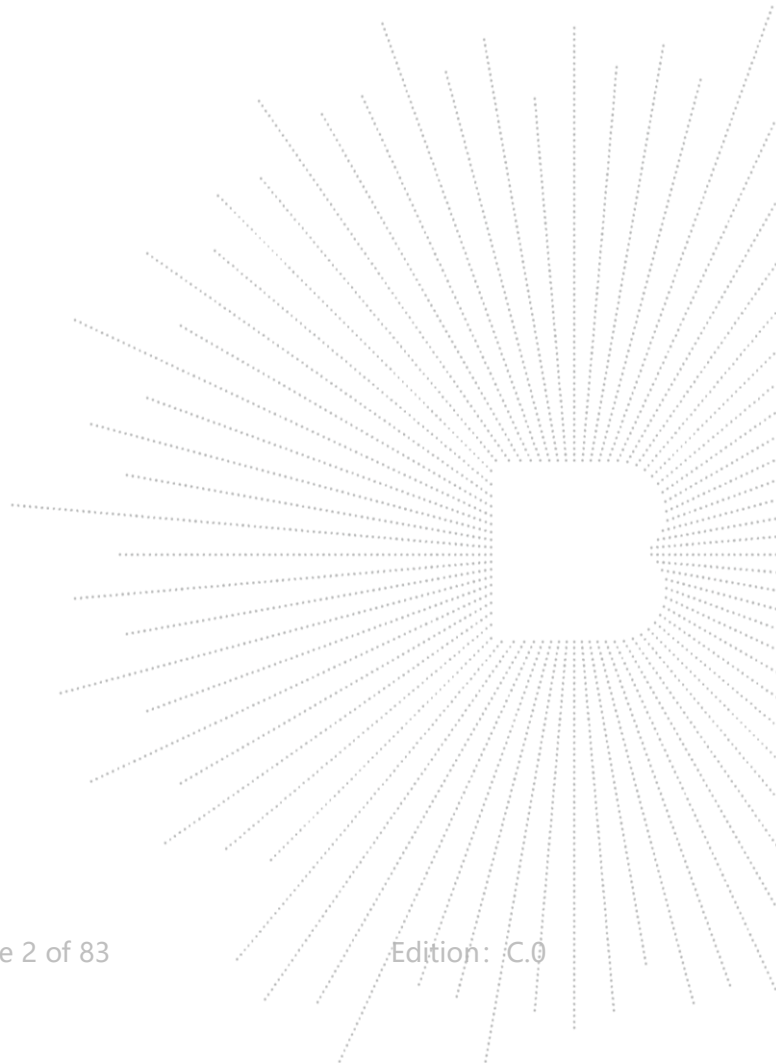
Test Model: F110L

Tested Date: 2025-07-02 to 2025-07-31

Shenzhen BCTC Testing Co., Ltd.

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

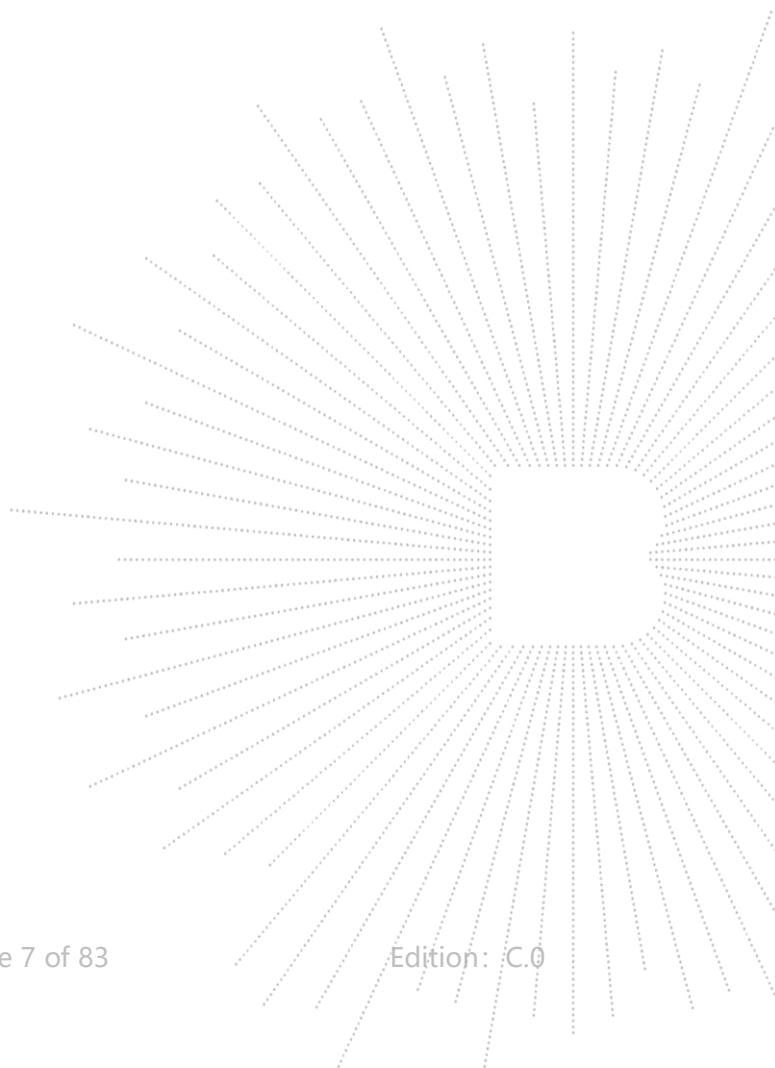
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
NVNT	Band5	1.4	20407	1	#0	QPSK	24.09	2	23.94	PASS
NVNT	Band5	1.4	20407	1	#Mid	QPSK	24.11	2	23.96	PASS
NVNT	Band5	1.4	20407	1	#Max	QPSK	24.13	2	23.98	PASS
NVNT	Band5	1.4	20407	3	#0	QPSK	24.04	2	23.89	PASS
NVNT	Band5	1.4	20407	3	#Mid	QPSK	24.10	2	23.95	PASS
NVNT	Band5	1.4	20407	3	#Max	QPSK	24.10	2	23.95	PASS
NVNT	Band5	1.4	20407	6	#0	QPSK	22.54	2	22.39	PASS
NVNT	Band5	1.4	20407	1	#0	16QAM	24.44	2	24.29	PASS
NVNT	Band5	1.4	20407	1	#Mid	16QAM	24.43	2	24.28	PASS
NVNT	Band5	1.4	20407	1	#Max	16QAM	24.55	2	24.40	PASS
NVNT	Band5	1.4	20407	3	#0	16QAM	23.22	2	23.07	PASS
NVNT	Band5	1.4	20407	3	#Mid	16QAM	23.27	2	23.12	PASS
NVNT	Band5	1.4	20407	3	#Max	16QAM	23.22	2	23.07	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	22.06	2	21.91	PASS
NVNT	Band5	1.4	20525	1	#0	QPSK	24.41	2	24.26	PASS
NVNT	Band5	1.4	20525	1	#Mid	QPSK	24.49	2	24.34	PASS
NVNT	Band5	1.4	20525	1	#Max	QPSK	24.47	2	24.32	PASS
NVNT	Band5	1.4	20525	3	#0	QPSK	24.39	2	24.24	PASS
NVNT	Band5	1.4	20525	3	#Mid	QPSK	24.38	2	24.23	PASS
NVNT	Band5	1.4	20525	3	#Max	QPSK	24.43	2	24.28	PASS
NVNT	Band5	1.4	20525	6	#0	QPSK	22.81	2	22.66	PASS
NVNT	Band5	1.4	20525	1	#0	16QAM	23.95	2	23.80	PASS
NVNT	Band5	1.4	20525	1	#Mid	16QAM	23.93	2	23.78	PASS
NVNT	Band5	1.4	20525	1	#Max	16QAM	23.86	2	23.71	PASS
NVNT	Band5	1.4	20525	3	#0	16QAM	23.41	2	23.26	PASS
NVNT	Band5	1.4	20525	3	#Mid	16QAM	23.46	2	23.31	PASS
NVNT	Band5	1.4	20525	3	#Max	16QAM	23.45	2	23.30	PASS
NVNT	Band5	1.4	20525	6	#0	16QAM	22.53	2	22.38	PASS
NVNT	Band5	1.4	20643	1	#0	QPSK	24.12	2	23.97	PASS
NVNT	Band5	1.4	20643	1	#Mid	QPSK	24.12	2	23.97	PASS
NVNT	Band5	1.4	20643	1	#Max	QPSK	24.04	2	23.89	PASS
NVNT	Band5	1.4	20643	3	#0	QPSK	24.00	2	23.85	PASS
NVNT	Band5	1.4	20643	3	#Mid	QPSK	24.08	2	23.93	PASS
NVNT	Band5	1.4	20643	3	#Max	QPSK	24.01	2	23.86	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	22.54	2	22.39	PASS

NVNT	Band5	1.4	20643	1	#0	16QAM	23.76	2	23.61	PASS
NVNT	Band5	1.4	20643	1	#Mid	16QAM	23.73	2	23.58	PASS
NVNT	Band5	1.4	20643	1	#Max	16QAM	23.67	2	23.52	PASS
NVNT	Band5	1.4	20643	3	#0	16QAM	23.04	2	22.89	PASS
NVNT	Band5	1.4	20643	3	#Mid	16QAM	23.02	2	22.87	PASS
NVNT	Band5	1.4	20643	3	#Max	16QAM	23.02	2	22.87	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	22.16	2	22.01	PASS
NVNT	Band5	3	20415	1	#0	QPSK	23.86	2	23.71	PASS
NVNT	Band5	3	20415	1	#Mid	QPSK	23.90	2	23.75	PASS
NVNT	Band5	3	20415	1	#Max	QPSK	23.91	2	23.76	PASS
NVNT	Band5	3	20415	8	#0	QPSK	22.35	2	22.20	PASS
NVNT	Band5	3	20415	8	#Mid	QPSK	22.47	2	22.32	PASS
NVNT	Band5	3	20415	8	#Max	QPSK	22.61	2	22.46	PASS
NVNT	Band5	3	20415	15	#0	QPSK	22.44	2	22.29	PASS
NVNT	Band5	3	20415	1	#0	16QAM	24.45	2	24.30	PASS
NVNT	Band5	3	20415	1	#Mid	16QAM	24.52	2	24.37	PASS
NVNT	Band5	3	20415	1	#Max	16QAM	24.55	2	24.40	PASS
NVNT	Band5	3	20415	8	#0	16QAM	21.88	2	21.73	PASS
NVNT	Band5	3	20415	8	#Mid	16QAM	21.89	2	21.74	PASS
NVNT	Band5	3	20415	8	#Max	16QAM	21.90	2	21.75	PASS
NVNT	Band5	3	20415	15	#0	16QAM	22.09	2	21.94	PASS
NVNT	Band5	3	20525	1	#0	QPSK	24.38	2	24.23	PASS
NVNT	Band5	3	20525	1	#Mid	QPSK	24.45	2	24.30	PASS
NVNT	Band5	3	20525	1	#Max	QPSK	24.43	2	24.28	PASS
NVNT	Band5	3	20525	8	#0	QPSK	22.84	2	22.69	PASS
NVNT	Band5	3	20525	8	#Mid	QPSK	22.81	2	22.66	PASS
NVNT	Band5	3	20525	8	#Max	QPSK	22.81	2	22.66	PASS
NVNT	Band5	3	20525	15	#0	QPSK	22.77	2	22.62	PASS
NVNT	Band5	3	20525	1	#0	16QAM	23.92	2	23.77	PASS
NVNT	Band5	3	20525	1	#Mid	16QAM	23.91	2	23.76	PASS
NVNT	Band5	3	20525	1	#Max	16QAM	23.91	2	23.76	PASS
NVNT	Band5	3	20525	8	#0	16QAM	22.52	2	22.37	PASS
NVNT	Band5	3	20525	8	#Mid	16QAM	22.33	2	22.18	PASS
NVNT	Band5	3	20525	8	#Max	16QAM	22.44	2	22.29	PASS
NVNT	Band5	3	20525	15	#0	16QAM	22.38	2	22.23	PASS
NVNT	Band5	3	20635	1	#0	QPSK	24.19	2	24.04	PASS
NVNT	Band5	3	20635	1	#Mid	QPSK	24.18	2	24.03	PASS
NVNT	Band5	3	20635	1	#Max	QPSK	24.02	2	23.87	PASS
NVNT	Band5	3	20635	8	#0	QPSK	22.56	2	22.41	PASS
NVNT	Band5	3	20635	8	#Mid	QPSK	22.55	2	22.40	PASS
NVNT	Band5	3	20635	8	#Max	QPSK	22.44	2	22.29	PASS
NVNT	Band5	3	20635	15	#0	QPSK	22.59	2	22.44	PASS

NVNT	Band5	3	20635	1	#0	16QAM	23.76	2	23.61	PASS
NVNT	Band5	3	20635	1	#Mid	16QAM	23.78	2	23.63	PASS
NVNT	Band5	3	20635	1	#Max	16QAM	23.65	2	23.50	PASS
NVNT	Band5	3	20635	8	#0	16QAM	22.19	2	22.04	PASS
NVNT	Band5	3	20635	8	#Mid	16QAM	22.21	2	22.06	PASS
NVNT	Band5	3	20635	8	#Max	16QAM	22.22	2	22.07	PASS
NVNT	Band5	3	20635	15	#0	16QAM	22.19	2	22.04	PASS
NVNT	Band5	5	20425	1	#0	QPSK	23.95	2	23.80	PASS
NVNT	Band5	5	20425	1	#Mid	QPSK	23.99	2	23.84	PASS
NVNT	Band5	5	20425	1	#Max	QPSK	24.03	2	23.88	PASS
NVNT	Band5	5	20425	12	#0	QPSK	22.39	2	22.24	PASS
NVNT	Band5	5	20425	12	#Mid	QPSK	22.56	2	22.41	PASS
NVNT	Band5	5	20425	12	#Max	QPSK	22.60	2	22.45	PASS
NVNT	Band5	5	20425	25	#0	QPSK	22.50	2	22.35	PASS
NVNT	Band5	5	20425	1	#0	16QAM	23.65	2	23.50	PASS
NVNT	Band5	5	20425	1	#Mid	16QAM	23.81	2	23.66	PASS
NVNT	Band5	5	20425	1	#Max	16QAM	23.90	2	23.75	PASS
NVNT	Band5	5	20425	12	#0	16QAM	21.90	2	21.75	PASS
NVNT	Band5	5	20425	12	#Mid	16QAM	22.06	2	21.91	PASS
NVNT	Band5	5	20425	12	#Max	16QAM	22.10	2	21.95	PASS
NVNT	Band5	5	20425	25	#0	16QAM	22.11	2	21.96	PASS
NVNT	Band5	5	20525	1	#0	QPSK	24.41	2	24.26	PASS
NVNT	Band5	5	20525	1	#Mid	QPSK	24.40	2	24.25	PASS
NVNT	Band5	5	20525	1	#Max	QPSK	24.41	2	24.26	PASS
NVNT	Band5	5	20525	12	#0	QPSK	22.93	2	22.78	PASS
NVNT	Band5	5	20525	12	#Mid	QPSK	22.82	2	22.67	PASS
NVNT	Band5	5	20525	12	#Max	QPSK	22.86	2	22.71	PASS
NVNT	Band5	5	20525	25	#0	QPSK	22.80	2	22.65	PASS
NVNT	Band5	5	20525	1	#0	16QAM	23.93	2	23.78	PASS
NVNT	Band5	5	20525	1	#Mid	16QAM	23.88	2	23.73	PASS
NVNT	Band5	5	20525	1	#Max	16QAM	23.93	2	23.78	PASS
NVNT	Band5	5	20525	12	#0	16QAM	22.19	2	22.04	PASS
NVNT	Band5	5	20525	12	#Mid	16QAM	22.16	2	22.01	PASS
NVNT	Band5	5	20525	12	#Max	16QAM	22.23	2	22.08	PASS
NVNT	Band5	5	20525	25	#0	16QAM	22.33	2	22.18	PASS
NVNT	Band5	5	20625	1	#0	QPSK	23.97	2	23.82	PASS
NVNT	Band5	5	20625	1	#Mid	QPSK	23.90	2	23.75	PASS
NVNT	Band5	5	20625	1	#Max	QPSK	23.73	2	23.58	PASS
NVNT	Band5	5	20625	12	#0	QPSK	22.65	2	22.50	PASS
NVNT	Band5	5	20625	12	#Mid	QPSK	22.63	2	22.48	PASS
NVNT	Band5	5	20625	12	#Max	QPSK	22.60	2	22.45	PASS
NVNT	Band5	5	20625	25	#0	QPSK	22.68	2	22.53	PASS

NVNT	Band5	5	20625	1	#0	16QAM	24.32	2	24.17	PASS
NVNT	Band5	5	20625	1	#Mid	16QAM	24.10	2	23.95	PASS
NVNT	Band5	5	20625	1	#Max	16QAM	23.92	2	23.77	PASS
NVNT	Band5	5	20625	12	#0	16QAM	22.18	2	22.03	PASS
NVNT	Band5	5	20625	12	#Mid	16QAM	22.18	2	22.03	PASS
NVNT	Band5	5	20625	12	#Max	16QAM	22.05	2	21.90	PASS
NVNT	Band5	5	20625	25	#0	16QAM	22.34	2	22.19	PASS
NVNT	Band5	10	20450	1	#0	QPSK	23.91	2	23.76	PASS
NVNT	Band5	10	20450	1	#Mid	QPSK	24.11	2	23.96	PASS
NVNT	Band5	10	20450	1	#Max	QPSK	24.27	2	24.12	PASS
NVNT	Band5	10	20450	25	#0	QPSK	22.64	2	22.49	PASS
NVNT	Band5	10	20450	25	#Mid	QPSK	22.63	2	22.48	PASS
NVNT	Band5	10	20450	25	#Max	QPSK	22.83	2	22.68	PASS
NVNT	Band5	10	20450	50	#0	QPSK	22.49	2	22.34	PASS
NVNT	Band5	10	20450	1	#0	16QAM	24.53	2	24.38	PASS
NVNT	Band5	10	20450	1	#Mid	16QAM	24.61	2	24.46	PASS
NVNT	Band5	10	20450	1	#Max	16QAM	24.93	2	24.78	PASS
NVNT	Band5	10	20450	25	#0	16QAM	21.97	2	21.82	PASS
NVNT	Band5	10	20450	25	#Mid	16QAM	21.98	2	21.83	PASS
NVNT	Band5	10	20450	25	#Max	16QAM	22.18	2	22.03	PASS
NVNT	Band5	10	20450	50	#0	16QAM	22.08	2	21.93	PASS
NVNT	Band5	10	20525	1	#0	QPSK	24.18	2	24.03	PASS
NVNT	Band5	10	20525	1	#Mid	QPSK	24.34	2	24.19	PASS
NVNT	Band5	10	20525	1	#Max	QPSK	24.19	2	24.04	PASS
NVNT	Band5	10	20525	25	#0	QPSK	22.89	2	22.74	PASS
NVNT	Band5	10	20525	25	#Mid	QPSK	22.84	2	22.69	PASS
NVNT	Band5	10	20525	25	#Max	QPSK	22.84	2	22.69	PASS
NVNT	Band5	10	20525	50	#0	QPSK	22.83	2	22.68	PASS
NVNT	Band5	10	20525	1	#0	16QAM	24.33	2	24.18	PASS
NVNT	Band5	10	20525	1	#Mid	16QAM	24.55	2	24.40	PASS
NVNT	Band5	10	20525	1	#Max	16QAM	24.51	2	24.36	PASS
NVNT	Band5	10	20525	25	#0	16QAM	22.42	2	22.27	PASS
NVNT	Band5	10	20525	25	#Mid	16QAM	22.35	2	22.20	PASS
NVNT	Band5	10	20525	25	#Max	16QAM	22.41	2	22.26	PASS
NVNT	Band5	10	20525	50	#0	16QAM	22.36	2	22.21	PASS
NVNT	Band5	10	20600	1	#0	QPSK	24.35	2	24.20	PASS
NVNT	Band5	10	20600	1	#Mid	QPSK	24.21	2	24.06	PASS
NVNT	Band5	10	20600	1	#Max	QPSK	24.02	2	23.87	PASS
NVNT	Band5	10	20600	25	#0	QPSK	22.87	2	22.72	PASS
NVNT	Band5	10	20600	25	#Mid	QPSK	22.82	2	22.67	PASS
NVNT	Band5	10	20600	25	#Max	QPSK	22.58	2	22.43	PASS
NVNT	Band5	10	20600	50	#0	QPSK	22.86	2	22.71	PASS

NVNT	Band5	10	20600	1	#0	16QAM	24.23	2	24.08	PASS
NVNT	Band5	10	20600	1	#Mid	16QAM	24.08	2	23.93	PASS
NVNT	Band5	10	20600	1	#Max	16QAM	23.78	2	23.63	PASS
NVNT	Band5	10	20600	25	#0	16QAM	22.40	2	22.25	PASS
NVNT	Band5	10	20600	25	#Mid	16QAM	22.33	2	22.18	PASS
NVNT	Band5	10	20600	25	#Max	16QAM	22.23	2	22.08	PASS
NVNT	Band5	10	20600	50	#0	16QAM	22.21	2	22.06	PASS



Appendix 2.Frequency stability

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
NVNT	Band 5	1.4	20407	6	#0	QPSK	LV	NT	3.91	0.005	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	NT	2.79	0.003	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	HV	NT	-9.37	-0.011	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	LV	NT	-12.23	-0.015	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	NT	-14.51	-0.018	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	HV	NT	-15.18	-0.018	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	LV	NT	-8.41	-0.010	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	NT	-10.06	-0.012	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	HV	NT	-10.47	-0.013	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	LV	NT	-13.40	-0.016	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	NT	-17.48	-0.021	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	HV	NT	-18.41	-0.022	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	LV	NT	-0.36	0.000	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	NT	-3.33	-0.004	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	HV	NT	-4.69	-0.006	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	LV	NT	-6.64	-0.008	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	NT	-8.97	-0.011	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	HV	NT	-11.40	-0.013	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	LV	NT	-3.58	-0.004	PASS

NVNT	Band 5	3	20415	15	#0	QPSK	NV	NT	-5.52	-0.007	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	HV	NT	-7.10	-0.009	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	LV	NT	-10.56	-0.013	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	NT	-10.43	-0.013	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	HV	NT	-10.76	-0.013	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	LV	NT	2.27	0.003	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	NT	4.19	0.005	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	HV	NT	5.12	0.006	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	LV	NT	6.14	0.007	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	NT	7.50	0.009	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	HV	NT	7.10	0.008	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	LV	NT	-7.20	-0.008	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	NT	-5.45	-0.006	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	HV	NT	-14.45	-0.017	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	LV	NT	-6.58	-0.008	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	NT	-5.11	-0.006	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	HV	NT	-3.46	-0.004	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	LV	NT	-1.17	-0.001	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	NT	-1.56	-0.002	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	HV	NT	-0.94	-0.001	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	LV	NT	-0.56	-0.001	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	NT	1.47	0.002	PASS

	5										
NVNT	Band 5	5	20425	25	#0	16QAM	HV	NT	2.35	0.003	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	LV	NT	-6.02	-0.007	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	NT	-4.69	-0.006	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	HV	NT	-3.92	-0.005	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	LV	NT	-1.56	-0.002	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	NT	0.34	0.000	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	HV	NT	2.00	0.002	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	LV	NT	-8.41	-0.010	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	NT	-9.33	-0.011	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	HV	NT	-8.57	-0.010	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	LV	NT	-8.08	-0.010	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	NT	-10.54	-0.012	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	HV	NT	-9.78	-0.012	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	LV	NT	-5.84	-0.007	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	NT	-9.17	-0.011	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	HV	NT	-8.20	-0.010	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	LV	NT	-7.40	-0.009	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	NT	-5.81	-0.007	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	HV	NT	-4.92	-0.006	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	LV	NT	4.63	0.006	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	NT	2.83	0.003	PASS

NVNT	Band 5	10	20525	50	#0	QPSK	HV	NT	4.81	0.006	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	LV	NT	4.53	0.005	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	NT	4.31	0.005	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	HV	NT	5.26	0.006	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	LV	NT	-2.57	-0.003	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	NT	-5.24	-0.006	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	HV	NT	-2.23	-0.003	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	LV	NT	-1.29	-0.002	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	NT	-2.98	-0.004	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	HV	NT	-2.95	-0.003	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	-0.67	-0.001	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	-20	-0.23	0.000	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	0	-1.17	-0.001	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	10	-0.96	-0.001	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	20	0.67	0.001	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	30	-1.04	-0.001	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	40	-0.27	0.000	PASS
NVNT	Band 5	1.4	20407	6	#0	QPSK	NV	50	3.03	0.004	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	-30	4.11	0.005	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	-20	6.17	0.007	PASS

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NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	0	7.30	0.009	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	10	8.58	0.010	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	20	9.63	0.012	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	30	10.81	0.013	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	40	11.32	0.014	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	NV	50	13.70	0.017	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	-30	-9.01	-0.011	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	-20	-8.55	-0.010	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	0	-8.51	-0.010	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	10	-6.25	-0.007	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	20	-6.75	-0.008	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	30	-5.06	-0.006	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	40	-4.06	-0.005	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	NV	50	-3.43	-0.004	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	-30	-1.03	-0.001	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	-20	-1.19	-0.001	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	0	0.00	0.000	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	10	-3.22	-0.004	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	20	-0.80	-0.001	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	30	2.62	0.003	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	40	2.30	0.003	PASS

NVNT	Band 5	1.4	20525	6	#0	16QAM	NV	50	4.55	0.005	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	-30	2.40	0.003	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	-20	4.38	0.005	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	0	5.48	0.006	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	10	5.11	0.006	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	20	4.84	0.006	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	30	7.15	0.008	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	40	5.94	0.007	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	NV	50	8.40	0.010	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	-30	8.77	0.010	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	-20	8.71	0.010	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	0	8.74	0.010	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	10	10.13	0.012	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	20	10.63	0.013	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	30	10.76	0.013	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	40	0.74	0.001	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	NV	50	7.25	0.009	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	-30	-1.32	-0.002	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	-20	-1.70	-0.002	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	0	-3.29	-0.004	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	10	-3.12	-0.004	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	20	-2.09	-0.003	PASS

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NVNT	Band 5	3	20415	15	#0	QPSK	NV	30	0.19	0.000	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	40	-0.24	0.000	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	NV	50	1.85	0.002	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	-30	1.99	0.002	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	-20	3.92	0.005	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	0	4.32	0.005	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	10	6.35	0.008	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	20	7.75	0.009	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	30	8.14	0.010	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	40	9.73	0.012	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	NV	50	9.10	0.011	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	-30	-7.90	-0.009	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	-20	-8.50	-0.010	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	0	-6.65	-0.008	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	10	-7.08	-0.008	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	20	-5.98	-0.007	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	30	-7.27	-0.009	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	40	-7.07	-0.008	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	NV	50	-4.96	-0.006	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	-30	-3.76	-0.004	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	-20	-2.09	-0.002	PASS

NVNT	Band 5	3	20525	15	#0	16QAM	NV	0	-2.15	-0.003	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	10	-2.25	-0.003	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	20	-0.54	-0.001	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	30	0.40	0.000	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	40	-0.24	0.000	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	NV	50	0.74	0.001	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	-30	-14.62	-0.017	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	-20	-17.64	-0.021	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	0	-21.79	-0.026	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	10	-24.56	-0.029	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	20	-28.18	-0.033	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	30	-29.83	-0.035	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	40	-32.20	-0.038	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	NV	50	-36.49	-0.043	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	-30	-42.50	-0.050	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	-20	-43.53	-0.051	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	0	-45.60	-0.054	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	10	-5.46	-0.006	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	20	-7.00	-0.008	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	30	-11.72	-0.014	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	40	-14.82	-0.017	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	NV	50	-17.35	-0.020	PASS

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NVNT	Band 5	5	20425	25	#0	QPSK	NV	-30	-6.18	-0.007	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	-20	-9.37	-0.011	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	0	-12.70	-0.015	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	10	-15.38	-0.019	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	20	-18.78	-0.023	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	30	-17.92	-0.022	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	40	-23.25	-0.028	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	NV	50	-25.21	-0.031	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	-30	-15.74	-0.019	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	-20	-13.30	-0.016	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	0	-11.67	-0.014	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	10	-11.86	-0.014	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	20	-10.76	-0.013	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	30	-9.68	-0.012	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	40	-6.39	-0.008	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	NV	50	-5.64	-0.007	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	-30	-9.38	-0.011	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	-20	-7.98	-0.010	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	0	-5.76	-0.007	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	10	-5.36	-0.006	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	20	-4.56	-0.005	PASS

NVNT	Band 5	5	20525	25	#0	QPSK	NV	30	-1.43	-0.002	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	40	-1.00	-0.001	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	NV	50	1.33	0.002	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	-30	2.52	0.003	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	-20	4.26	0.005	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	0	7.45	0.009	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	10	7.61	0.009	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	20	9.13	0.011	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	30	11.90	0.014	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	40	11.63	0.014	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	NV	50	12.82	0.015	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	-30	-4.32	-0.005	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	-20	-4.52	-0.005	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	0	-3.86	-0.005	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	10	-1.26	-0.001	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	20	-1.17	-0.001	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	30	-2.22	-0.003	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	40	-0.43	-0.001	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	NV	50	-0.70	-0.001	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	-30	-0.74	-0.001	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	-20	1.19	0.001	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	0	-0.33	0.000	PASS

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NVNT	Band 5	5	20625	25	#0	16QAM	NV	10	-1.89	-0.002	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	20	-0.64	-0.001	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	30	-1.19	-0.001	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	40	-0.04	0.000	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	NV	50	-0.99	-0.001	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	-30	3.85	0.005	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	-20	3.42	0.004	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	0	4.01	0.005	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	10	4.86	0.006	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	20	6.51	0.008	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	30	8.30	0.010	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	40	8.57	0.010	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	NV	50	8.67	0.010	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	-30	9.74	0.012	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	-20	10.76	0.013	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	0	11.84	0.014	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	10	13.88	0.017	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	20	14.08	0.017	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	30	15.08	0.018	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	40	16.67	0.020	PASS
NVNT	Band 5	10	20450	50	#0	16QAM	NV	50	16.87	0.020	PASS

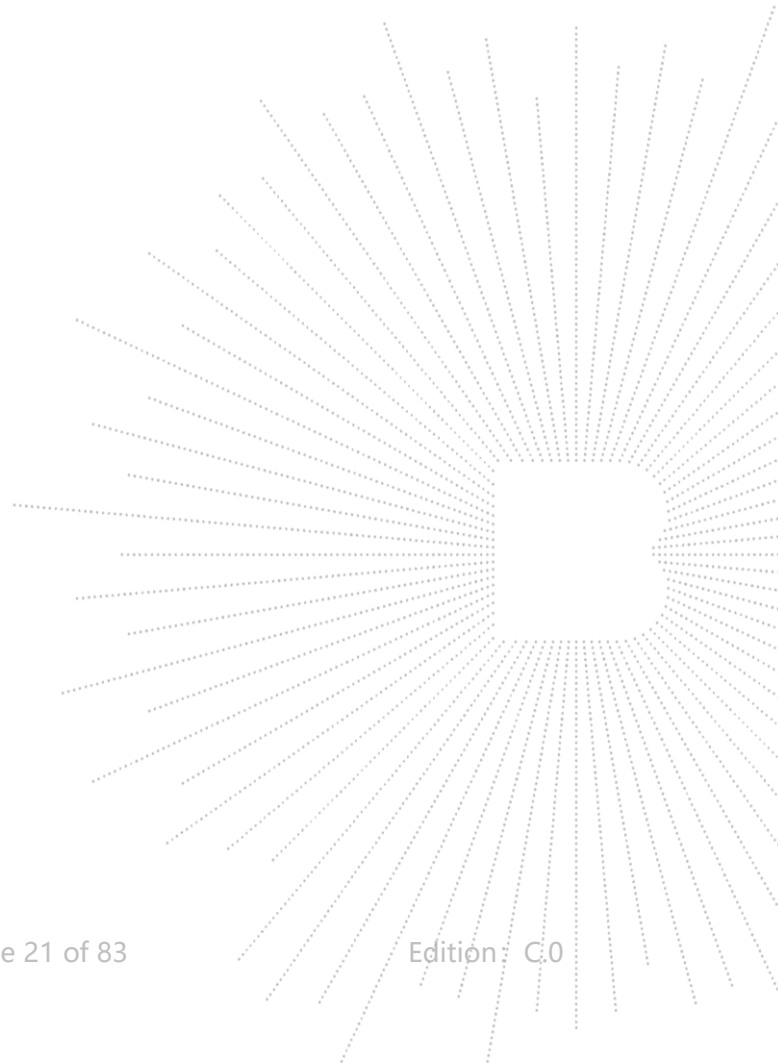
NVNT	Band 5	10	20525	50	#0	QPSK	NV	-30	-7.71	-0.009	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	-20	-9.87	-0.012	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	0	-10.83	-0.013	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	10	-8.58	-0.010	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	20	-8.55	-0.010	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	30	-7.30	-0.009	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	40	-7.37	-0.009	PASS
NVNT	Band 5	10	20525	50	#0	QPSK	NV	50	-6.14	-0.007	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	-30	-7.11	-0.008	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	-20	-8.01	-0.010	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	0	-7.04	-0.008	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	10	-5.92	-0.007	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	20	-6.24	-0.007	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	30	-6.90	-0.008	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	40	-6.38	-0.008	PASS
NVNT	Band 5	10	20525	50	#0	16QAM	NV	50	-5.68	-0.007	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	-30	-4.22	-0.005	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	-20	-3.86	-0.005	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	0	-3.99	-0.005	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	10	-4.13	-0.005	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	20	-2.27	-0.003	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	30	-4.95	-0.006	PASS

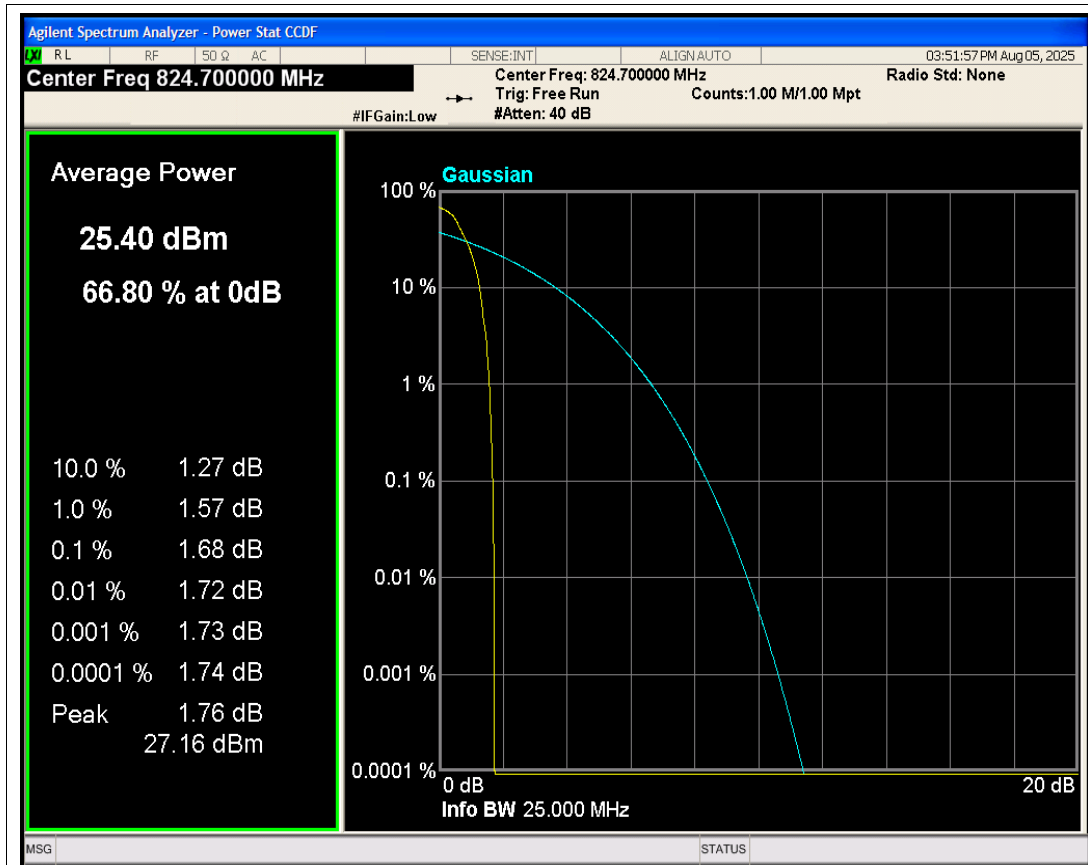
	5										
NVNT	Band 5	10	20600	50	#0	QPSK	NV	40	-6.77	-0.008	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	NV	50	-3.23	-0.004	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	-30	-5.31	-0.006	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	-20	-5.89	-0.007	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	0	-5.95	-0.007	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	10	-11.56	-0.014	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	20	-10.09	-0.012	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	30	-9.54	-0.011	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	40	-9.80	-0.012	PASS
NVNT	Band 5	10	20600	50	#0	16QAM	NV	50	-9.36	-0.011	PASS

Appendix 3. Peak-to-Average Ratio

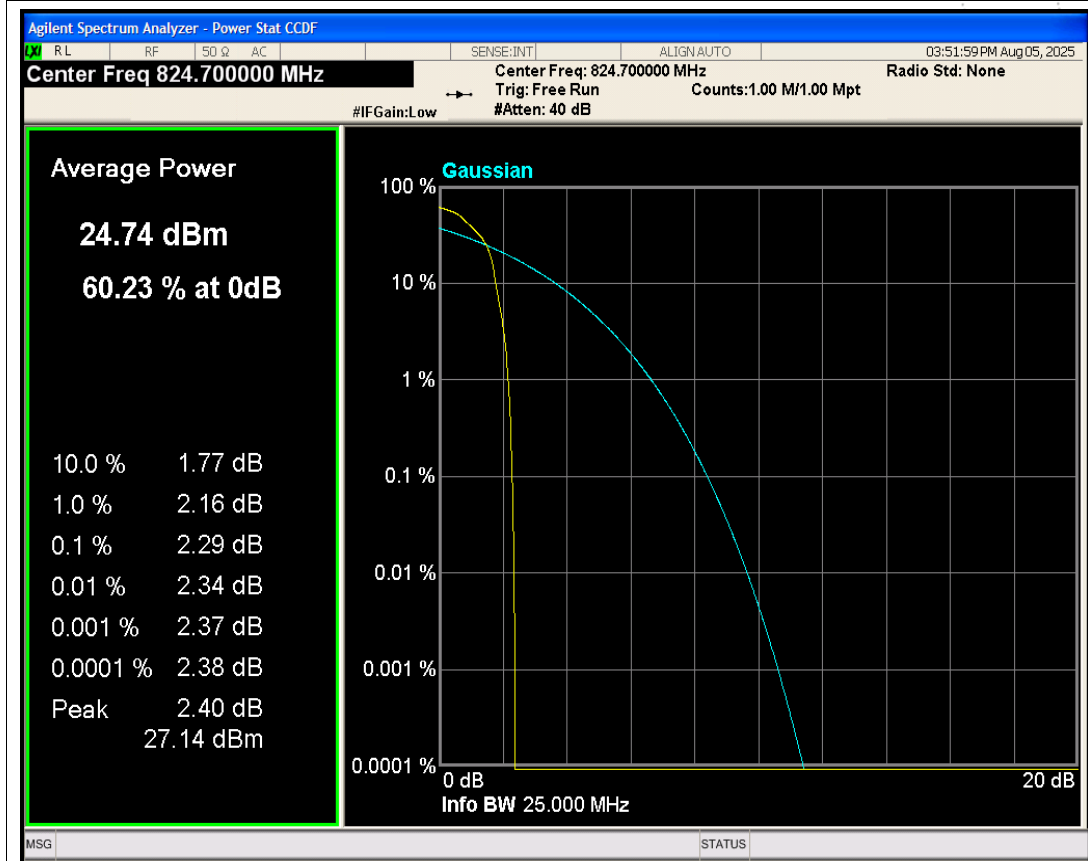
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band5	1.4	20407	1	#0	QPSK	1.68	13	PASS
NVNT	Band5	1.4	20407	1	#0	16QAM	2.29	13	PASS
NVNT	Band5	1.4	20525	1	#0	QPSK	4.61	13	PASS
NVNT	Band5	1.4	20525	1	#0	16QAM	5.02	13	PASS
NVNT	Band5	1.4	20643	1	#0	QPSK	4.76	13	PASS
NVNT	Band5	1.4	20643	1	#0	16QAM	5.01	13	PASS
NVNT	Band5	3	20415	1	#0	QPSK	1.74	13	PASS
NVNT	Band5	3	20415	1	#0	16QAM	2.30	13	PASS
NVNT	Band5	3	20525	1	#0	QPSK	4.23	13	PASS
NVNT	Band5	3	20525	1	#0	16QAM	4.46	13	PASS
NVNT	Band5	3	20635	1	#0	QPSK	4.70	13	PASS
NVNT	Band5	3	20635	1	#0	16QAM	5.25	13	PASS
NVNT	Band5	5	20425	1	#0	QPSK	1.84	13	PASS
NVNT	Band5	5	20425	1	#0	16QAM	2.43	13	PASS

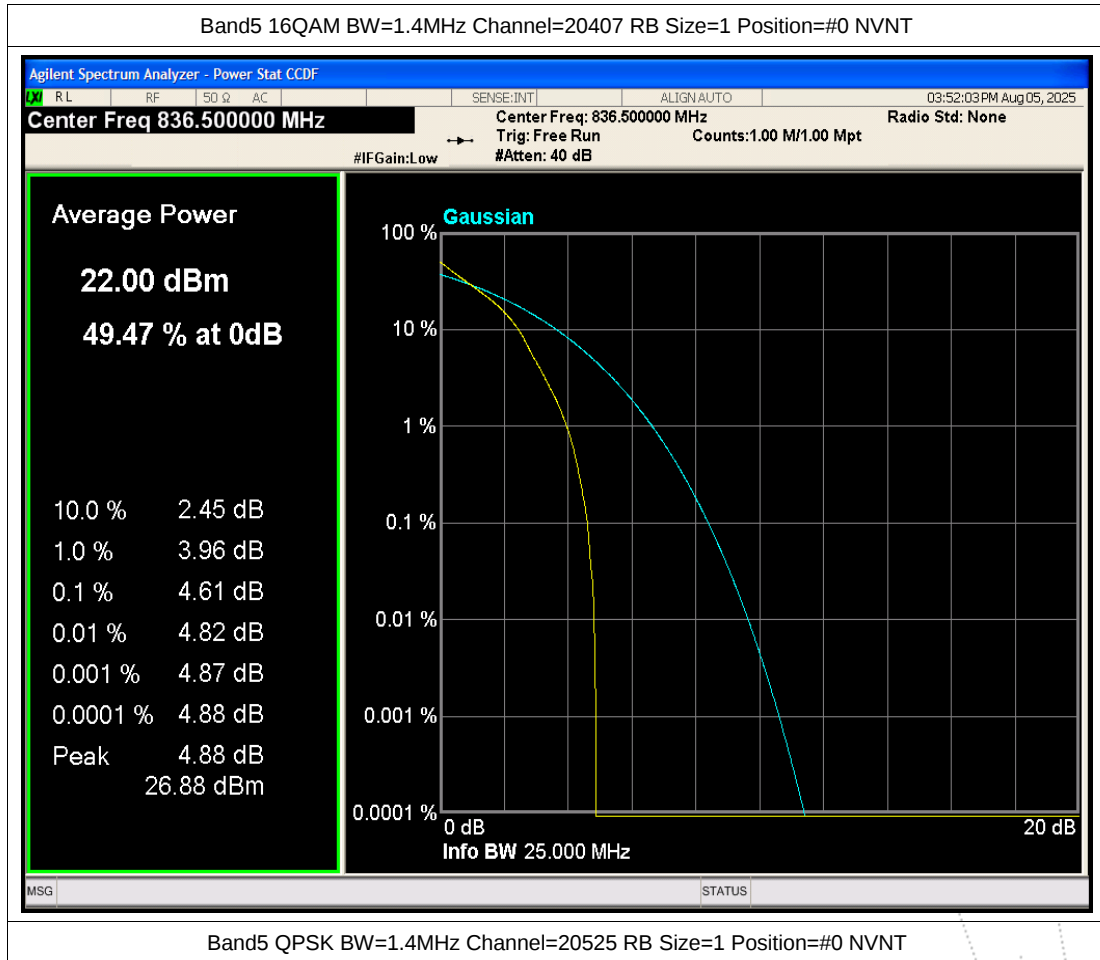
NVNT	Band5	5	20525	1	#0	QPSK	3.97	13	PASS
NVNT	Band5	5	20525	1	#0	16QAM	4.40	13	PASS
NVNT	Band5	5	20625	1	#0	QPSK	4.43	13	PASS
NVNT	Band5	5	20625	1	#0	16QAM	5.00	13	PASS
NVNT	Band5	10	20450	1	#0	QPSK	1.79	13	PASS
NVNT	Band5	10	20450	1	#0	16QAM	2.28	13	PASS
NVNT	Band5	10	20525	1	#0	QPSK	4.02	13	PASS
NVNT	Band5	10	20525	1	#0	16QAM	4.62	13	PASS
NVNT	Band5	10	20600	1	#0	QPSK	5.33	13	PASS
NVNT	Band5	10	20600	1	#0	16QAM	5.81	13	PASS

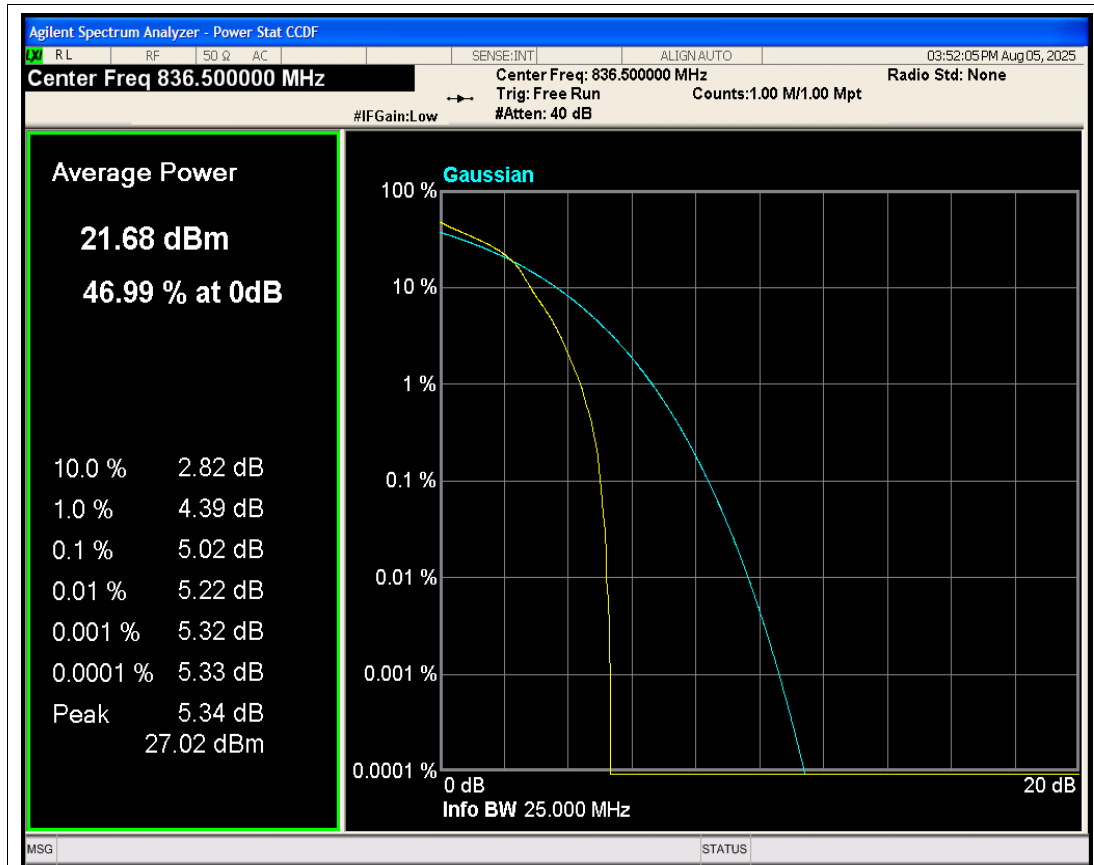




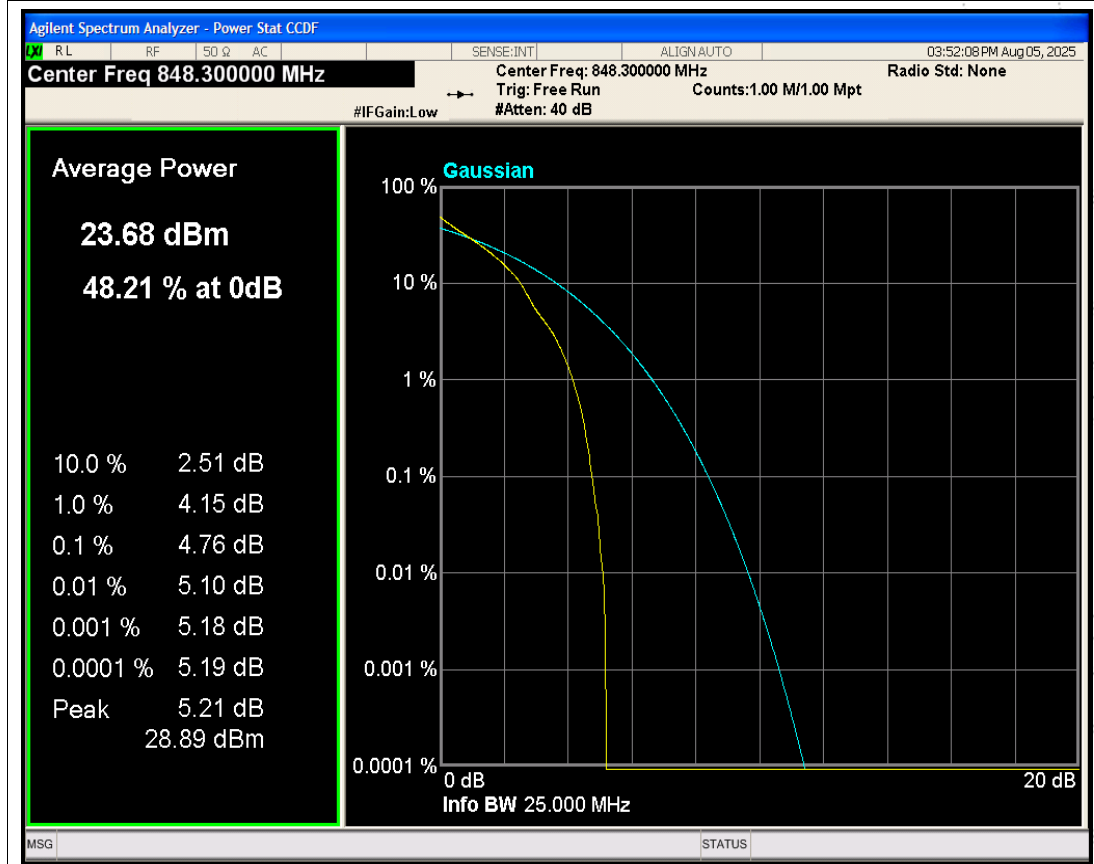
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0 NVNT

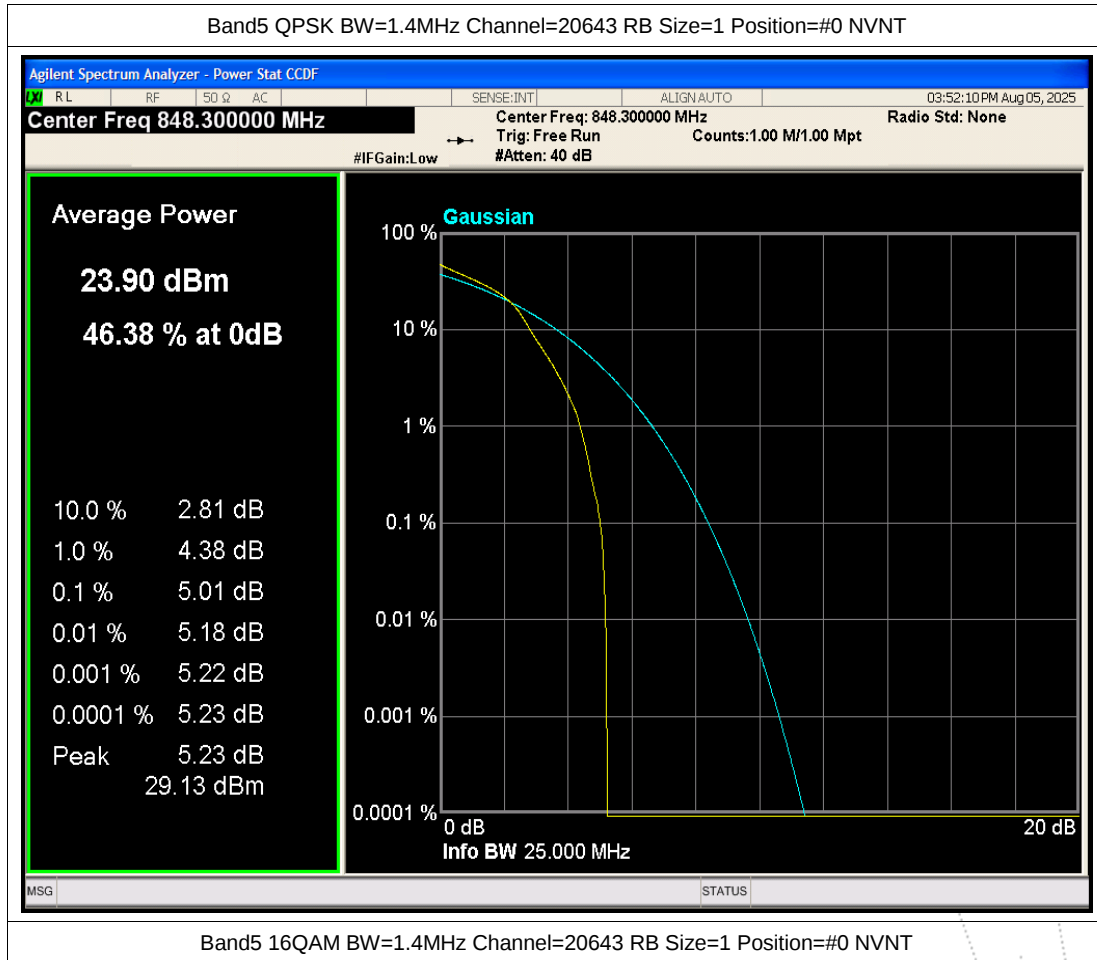


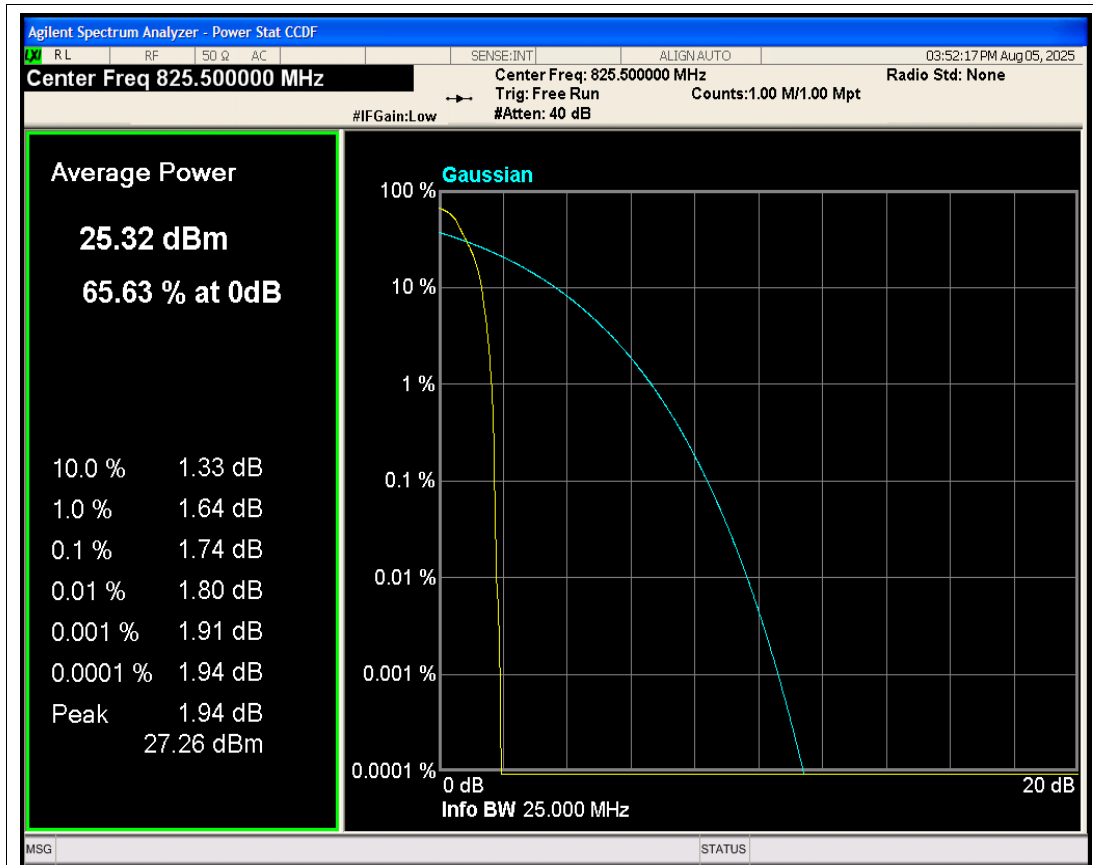




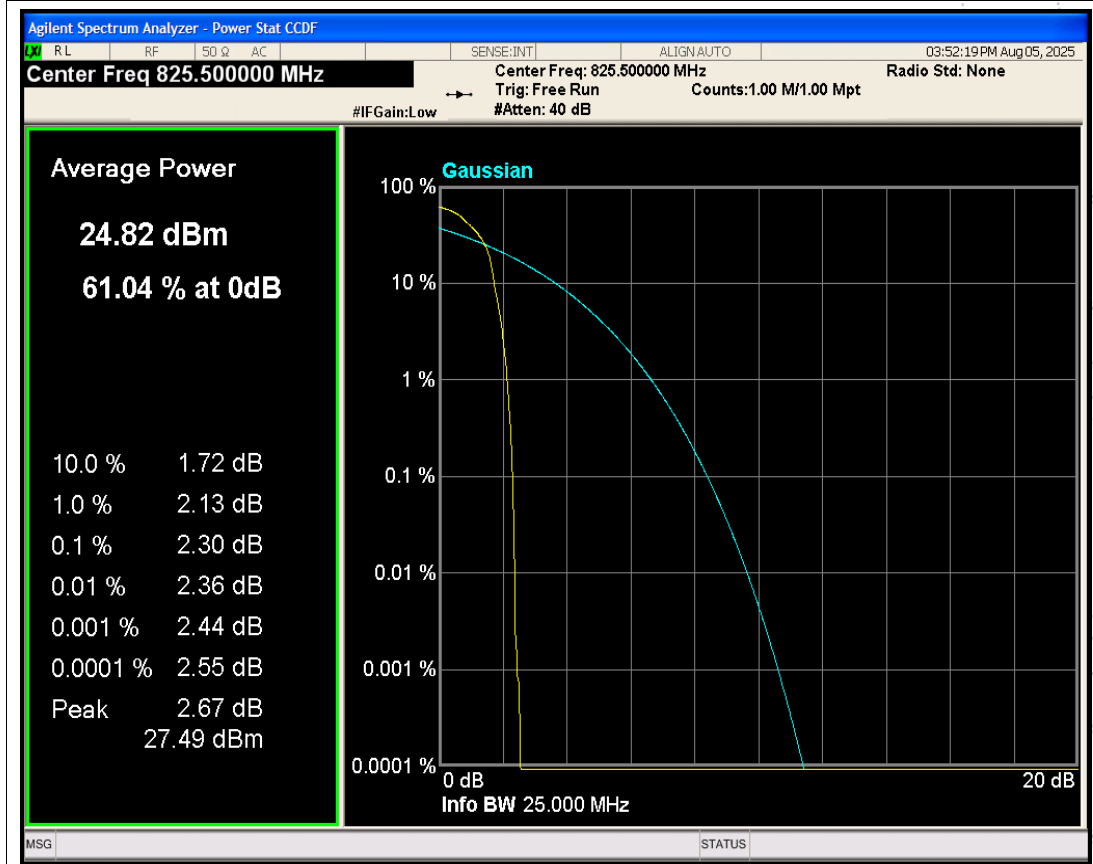
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0 NVNT

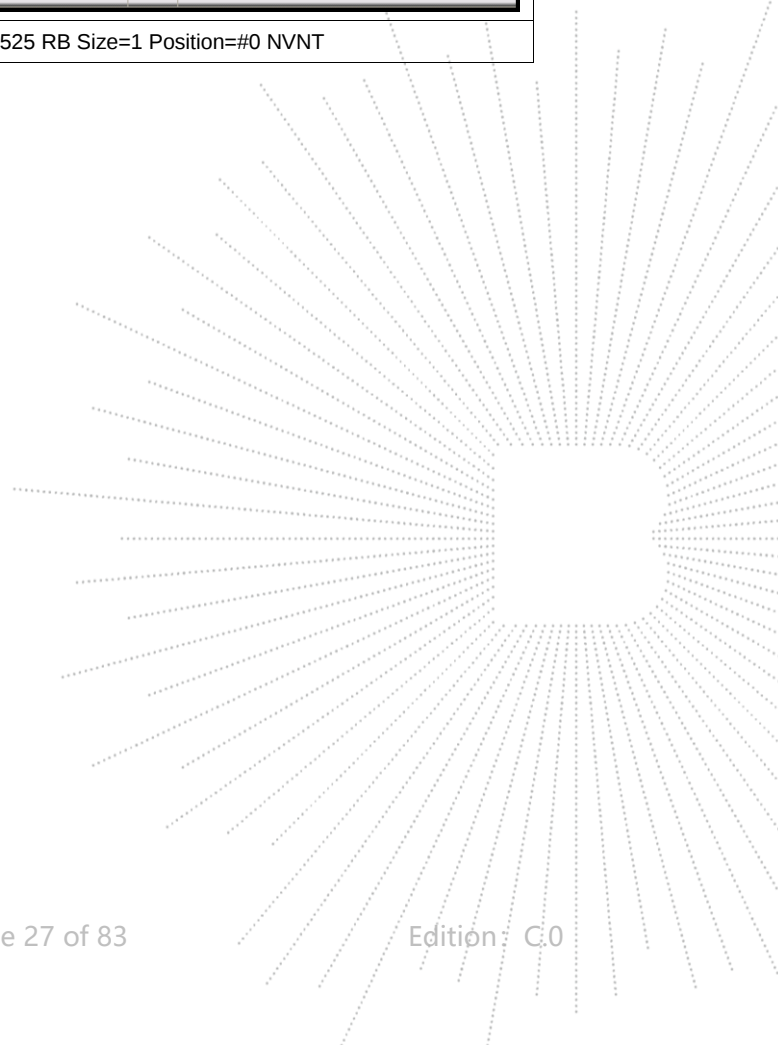
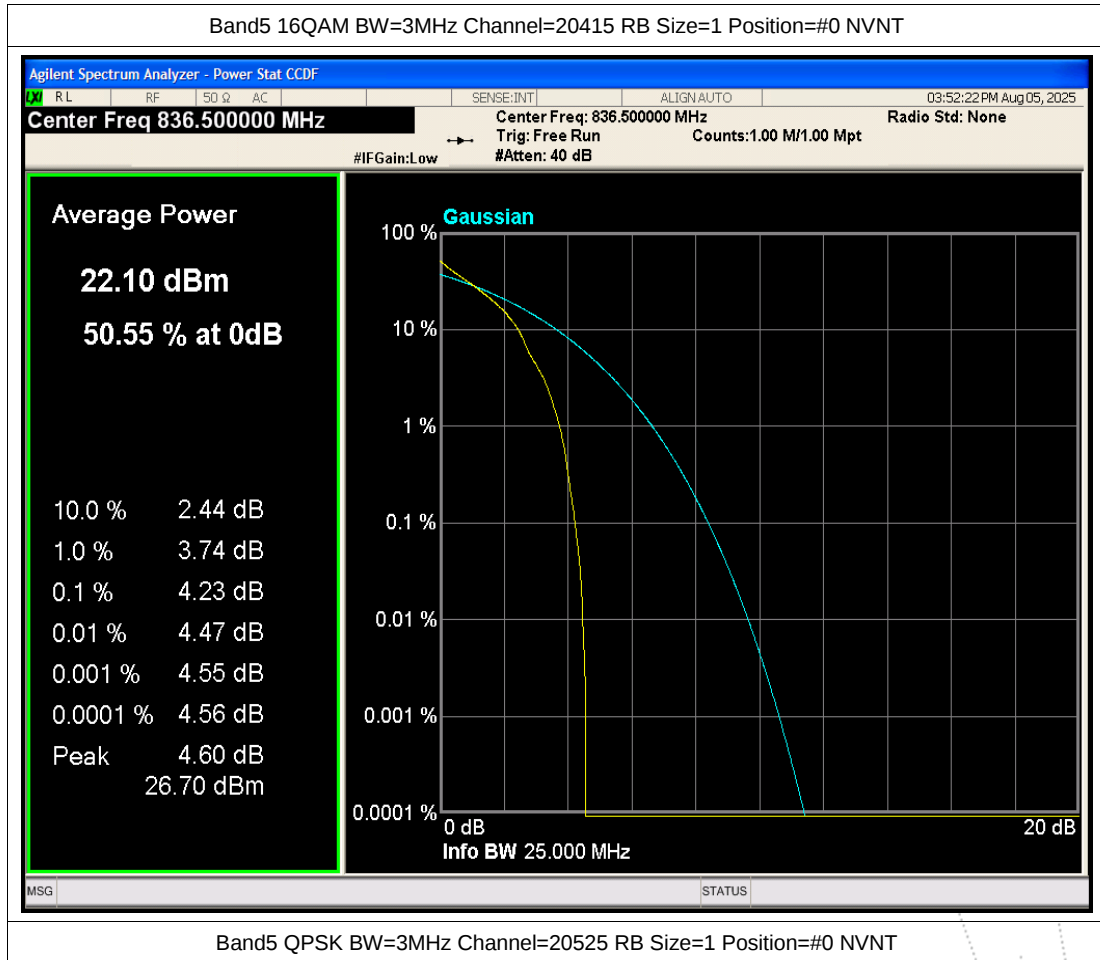


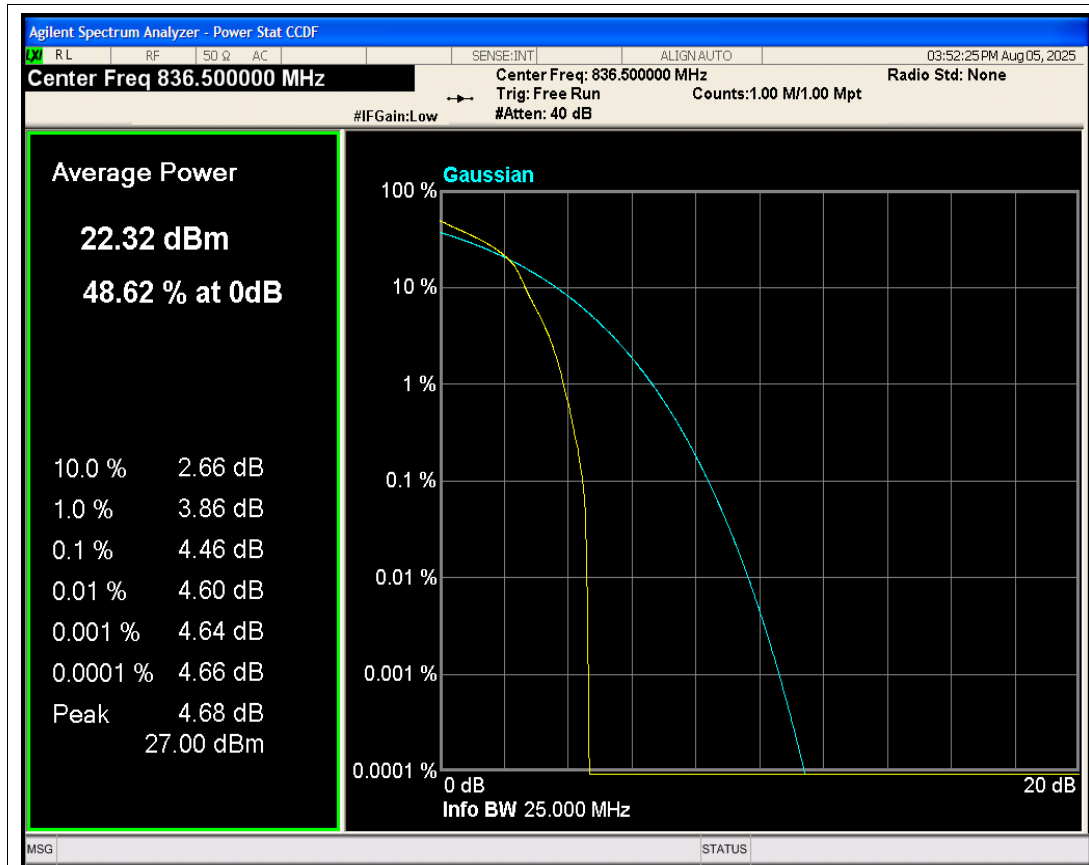




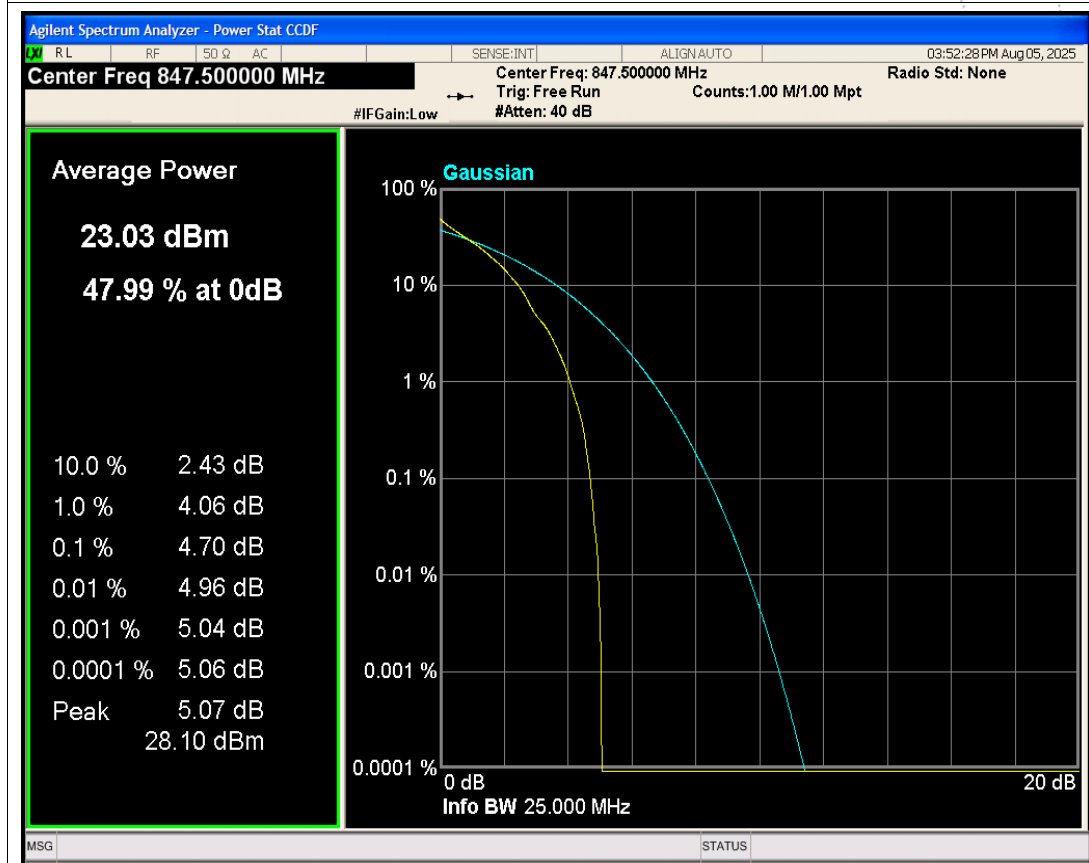
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0 NVNT

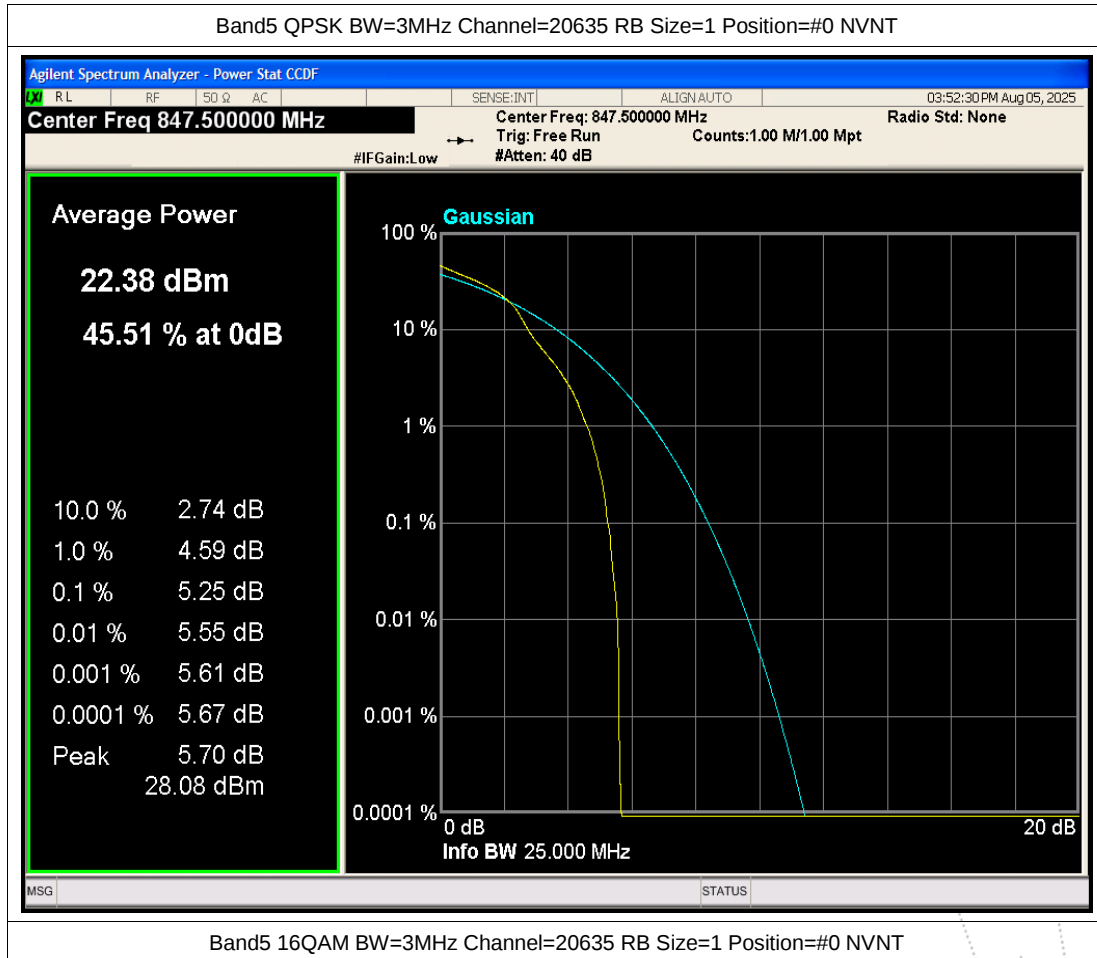


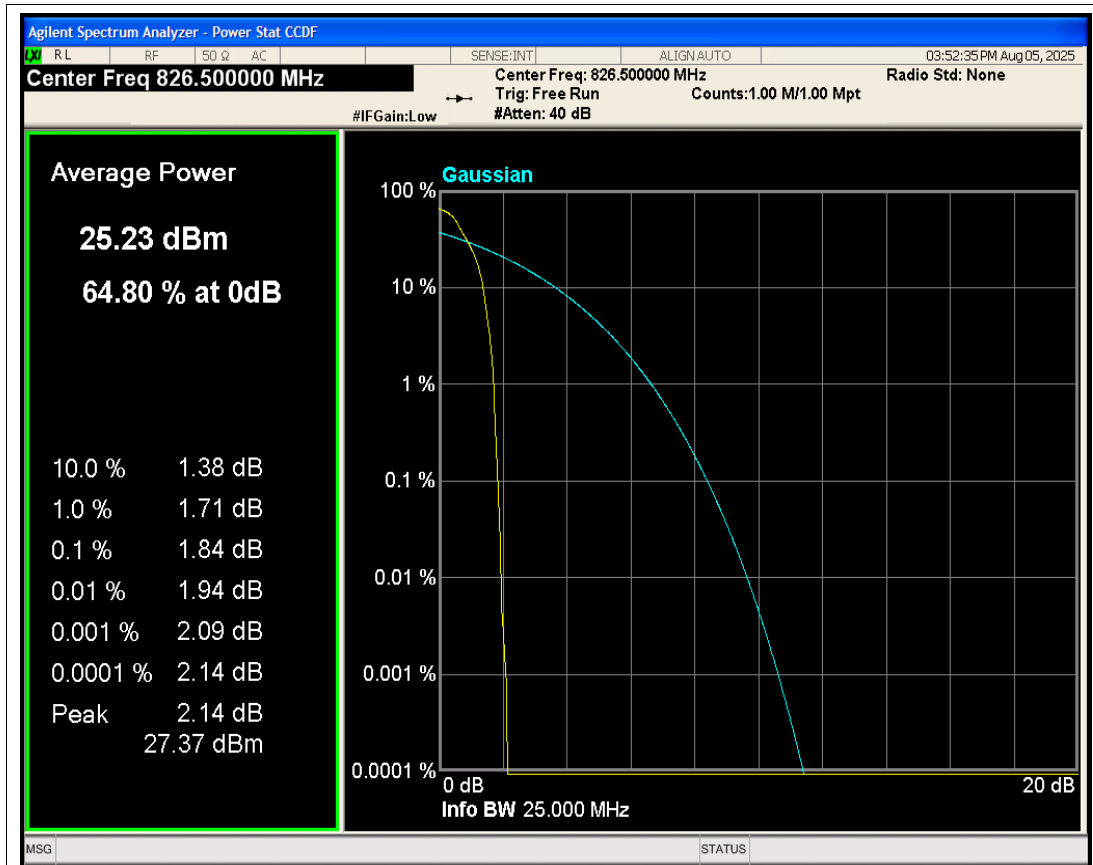




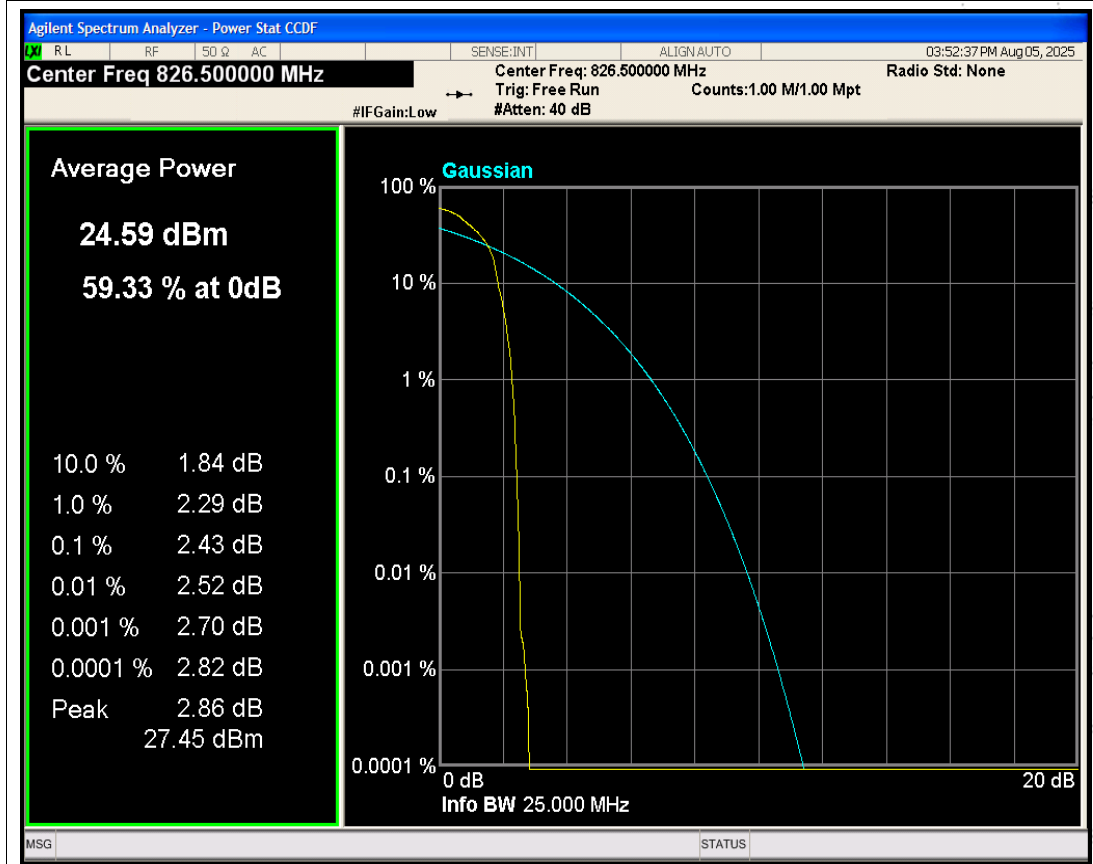
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0 NVNT

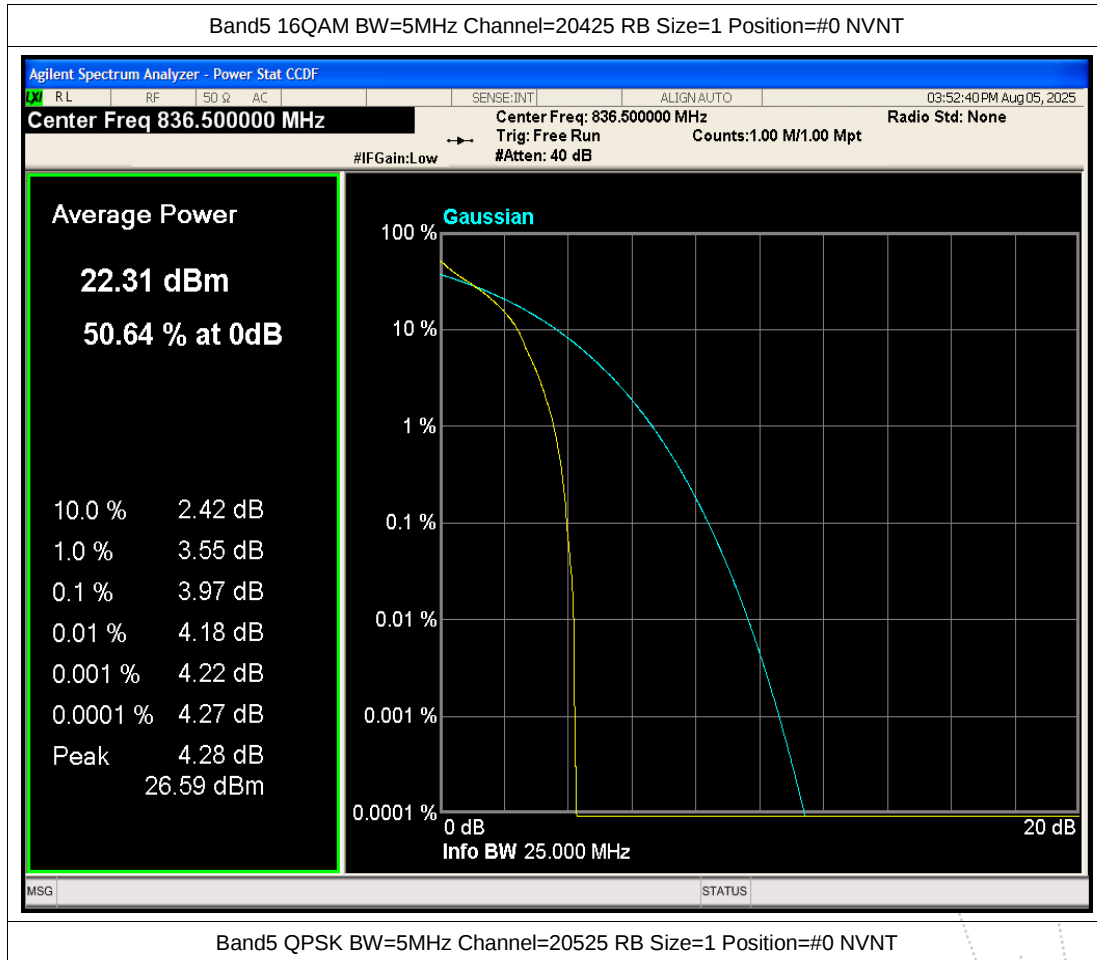


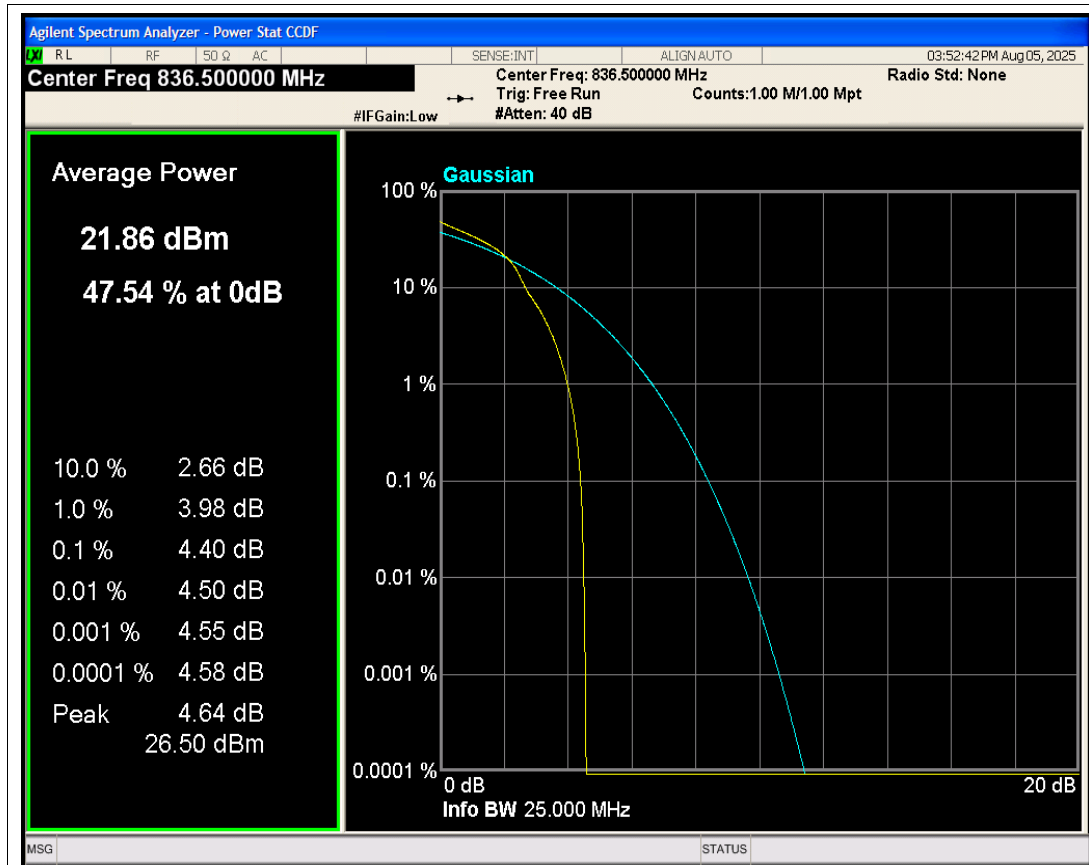




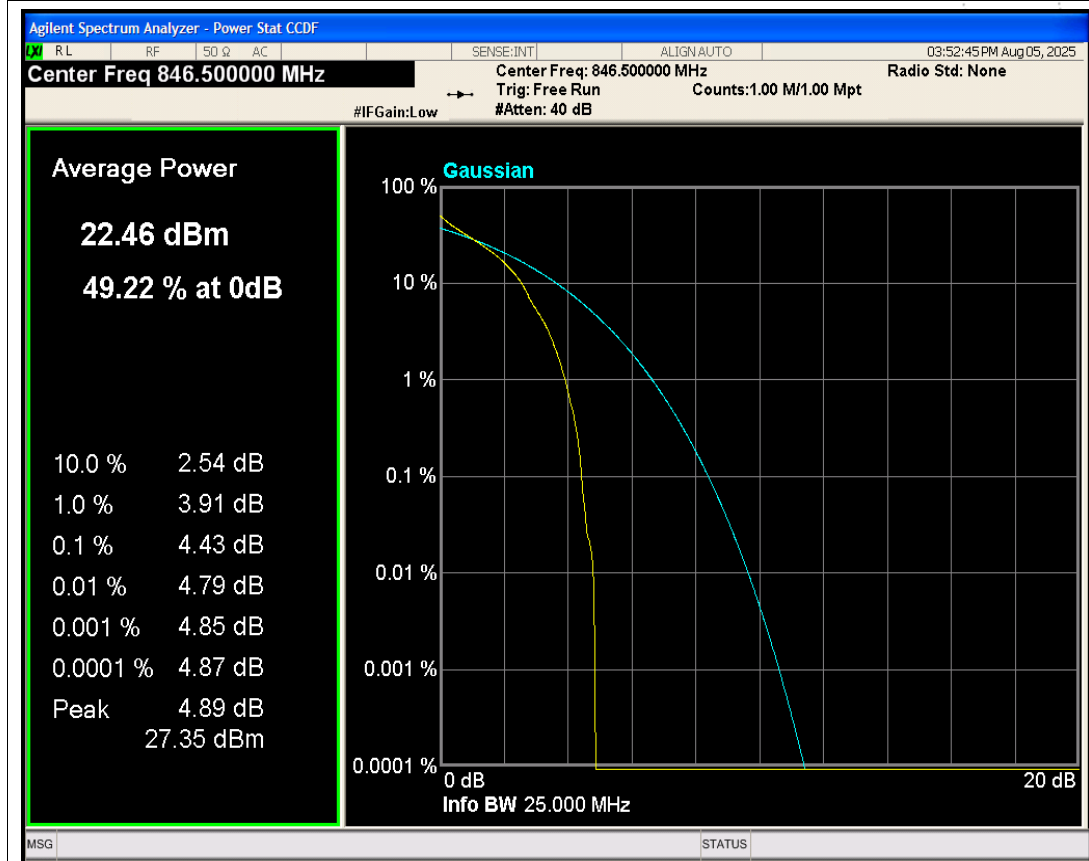
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0 NVNT

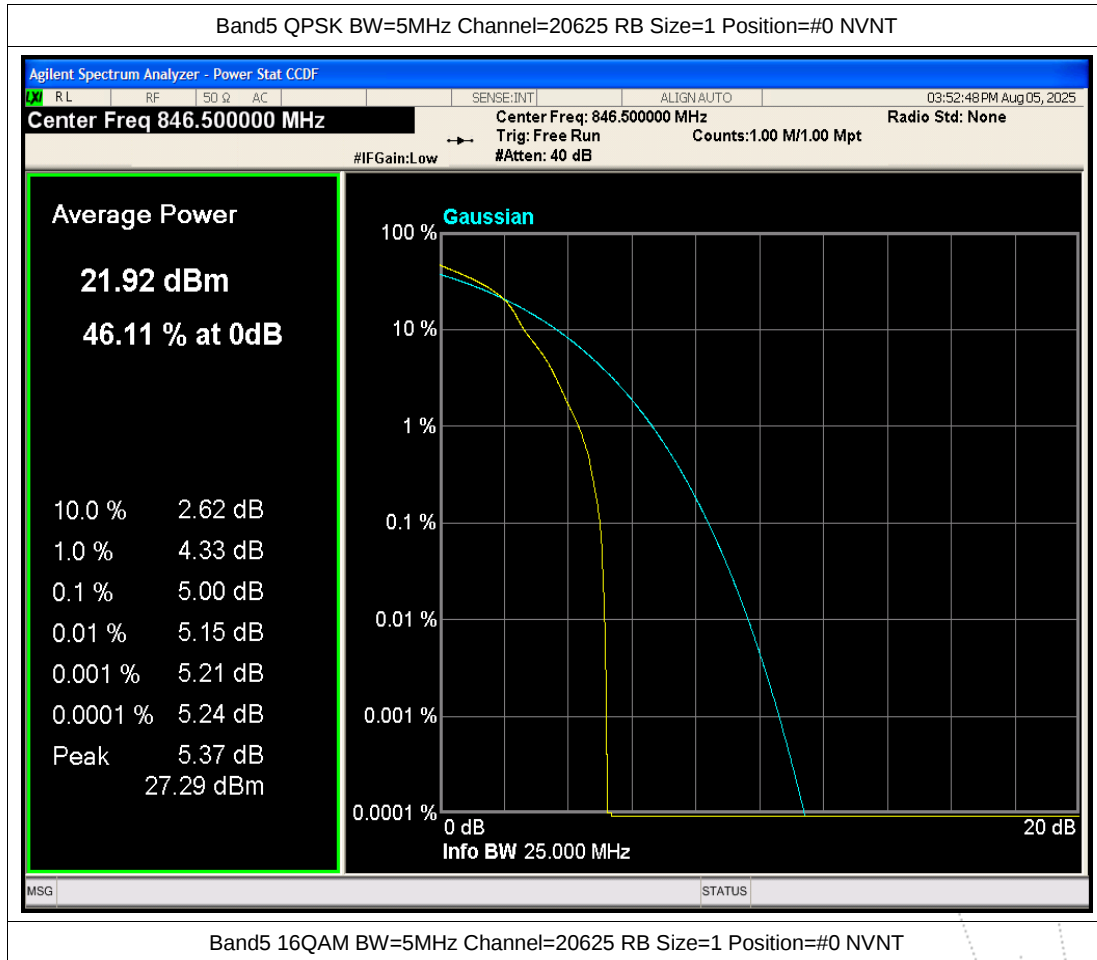


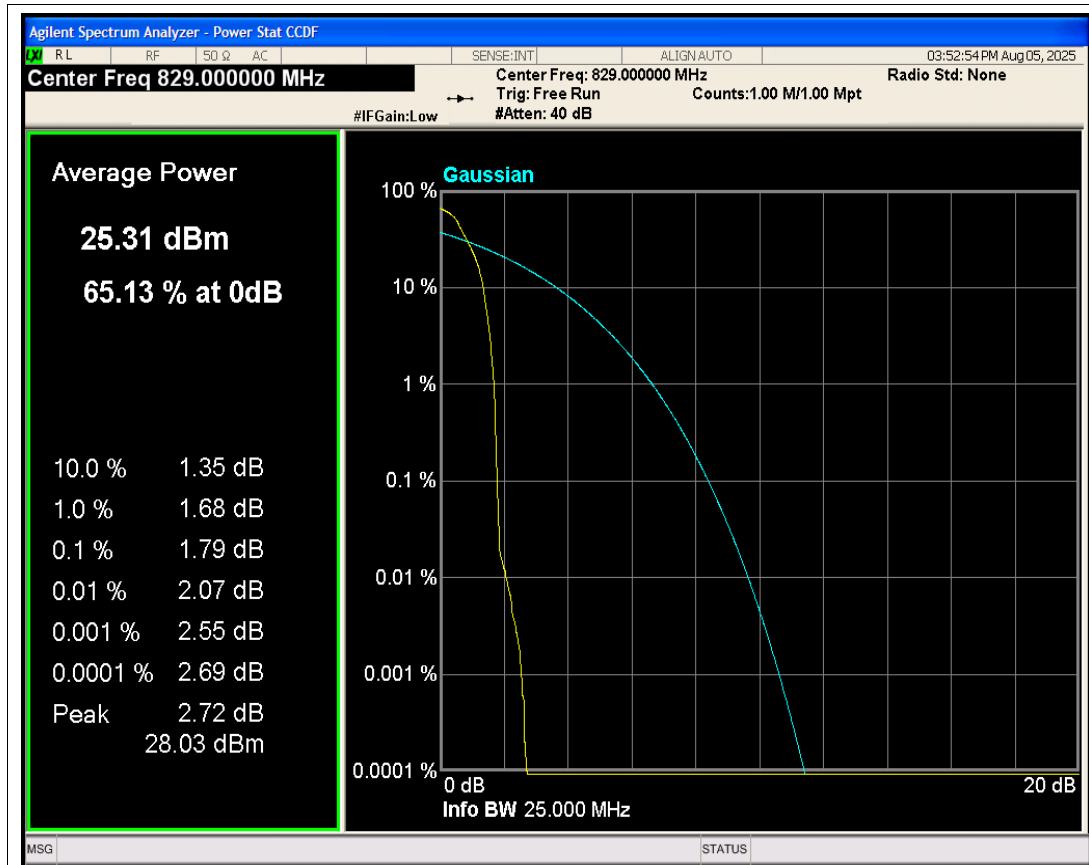




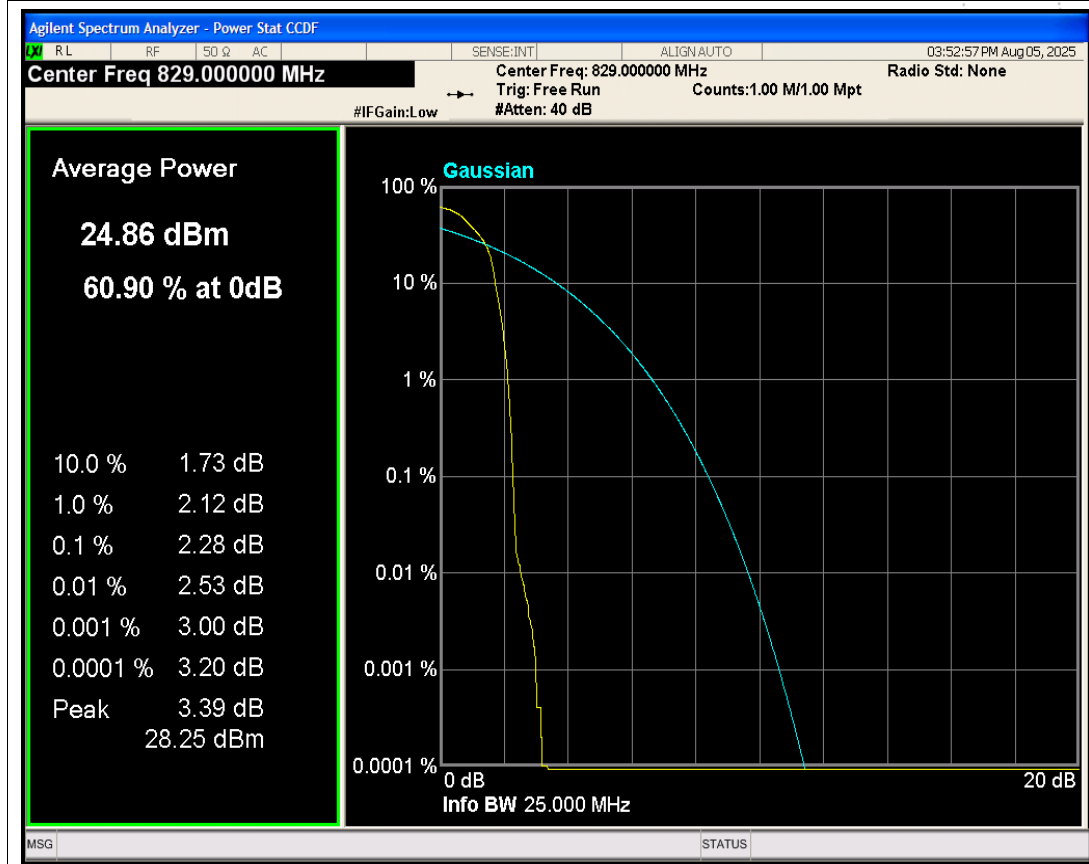
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0 NVNT

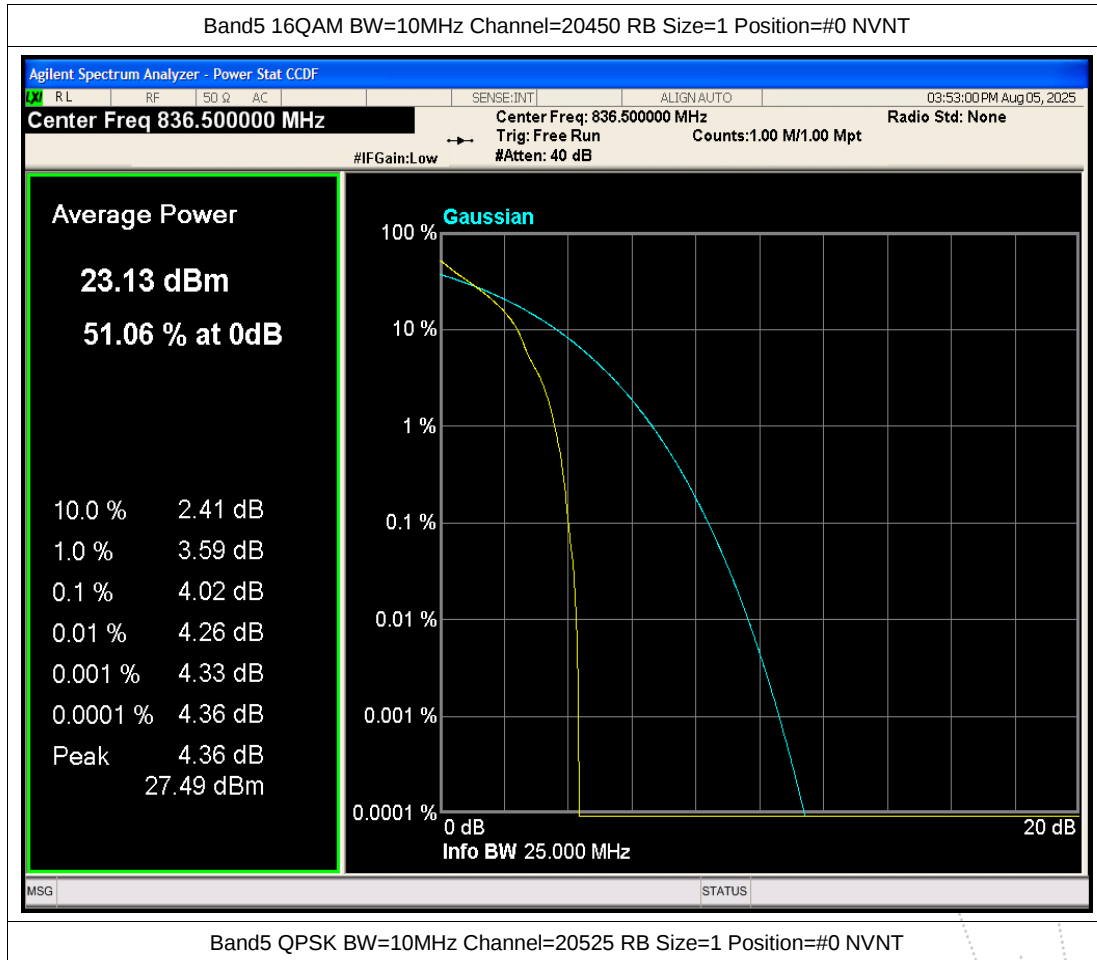


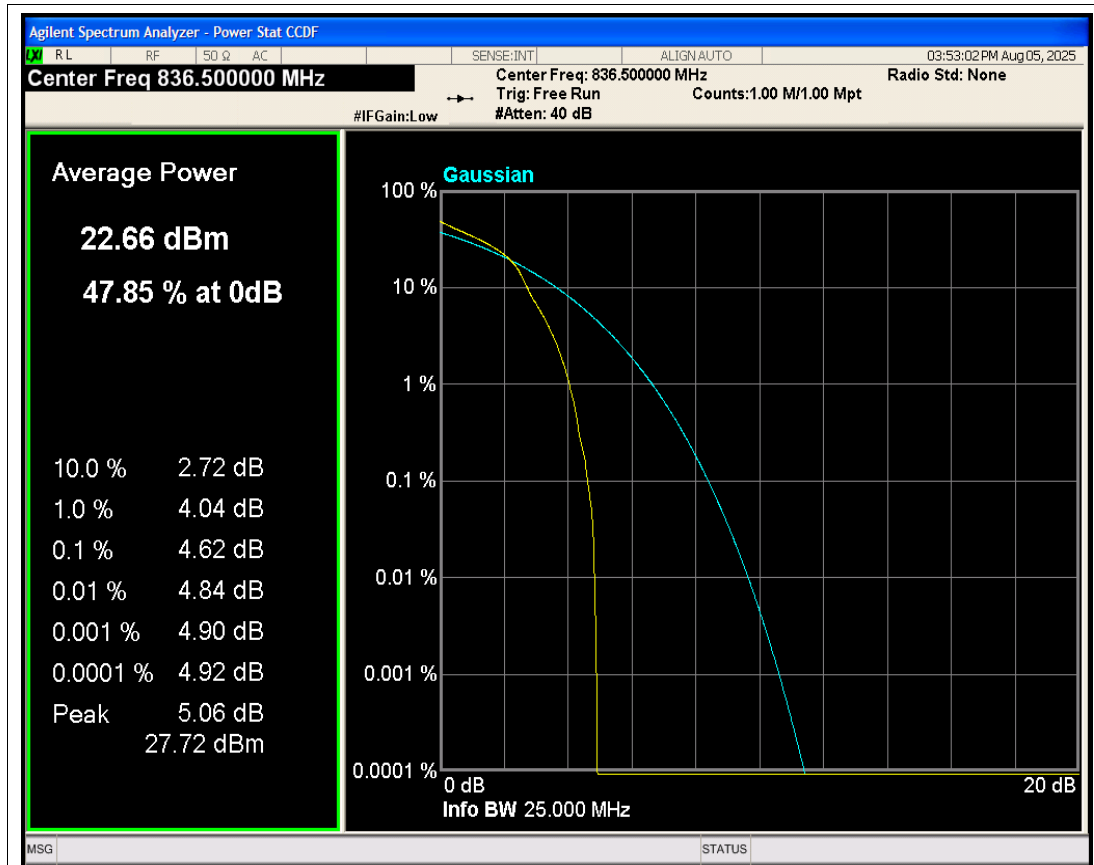




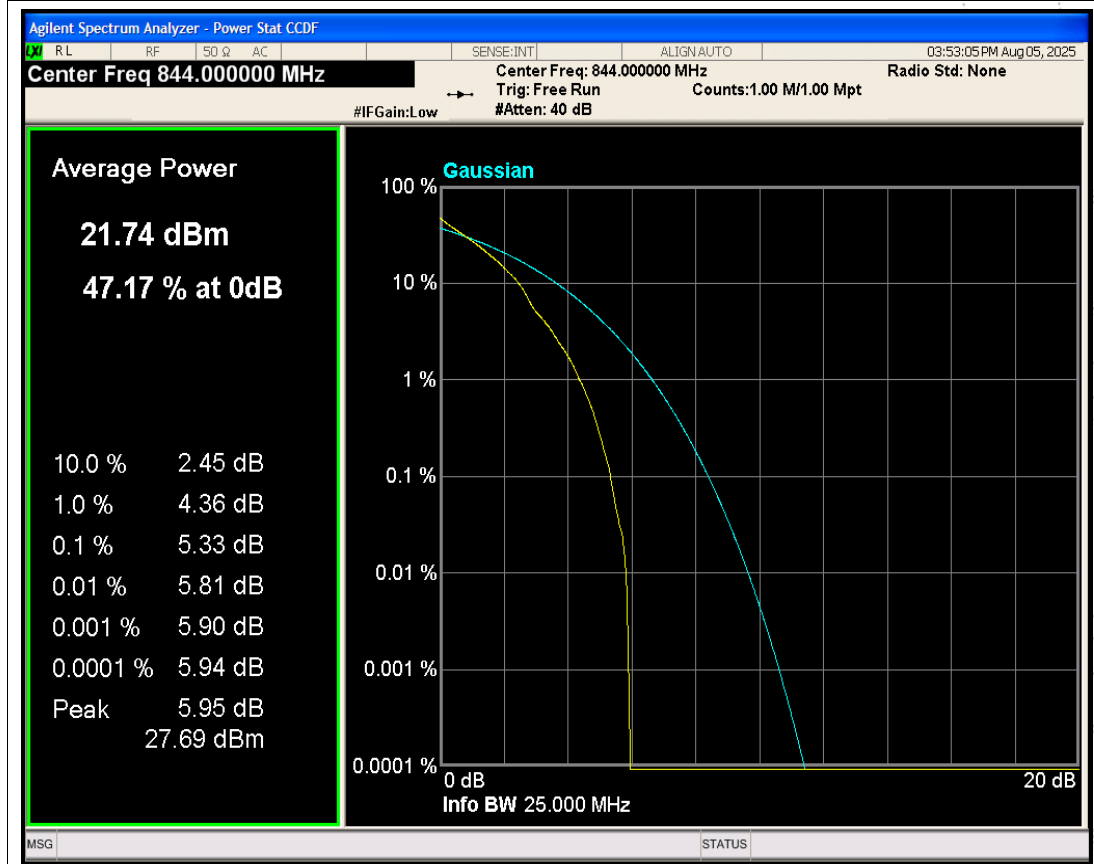
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0 NVNT

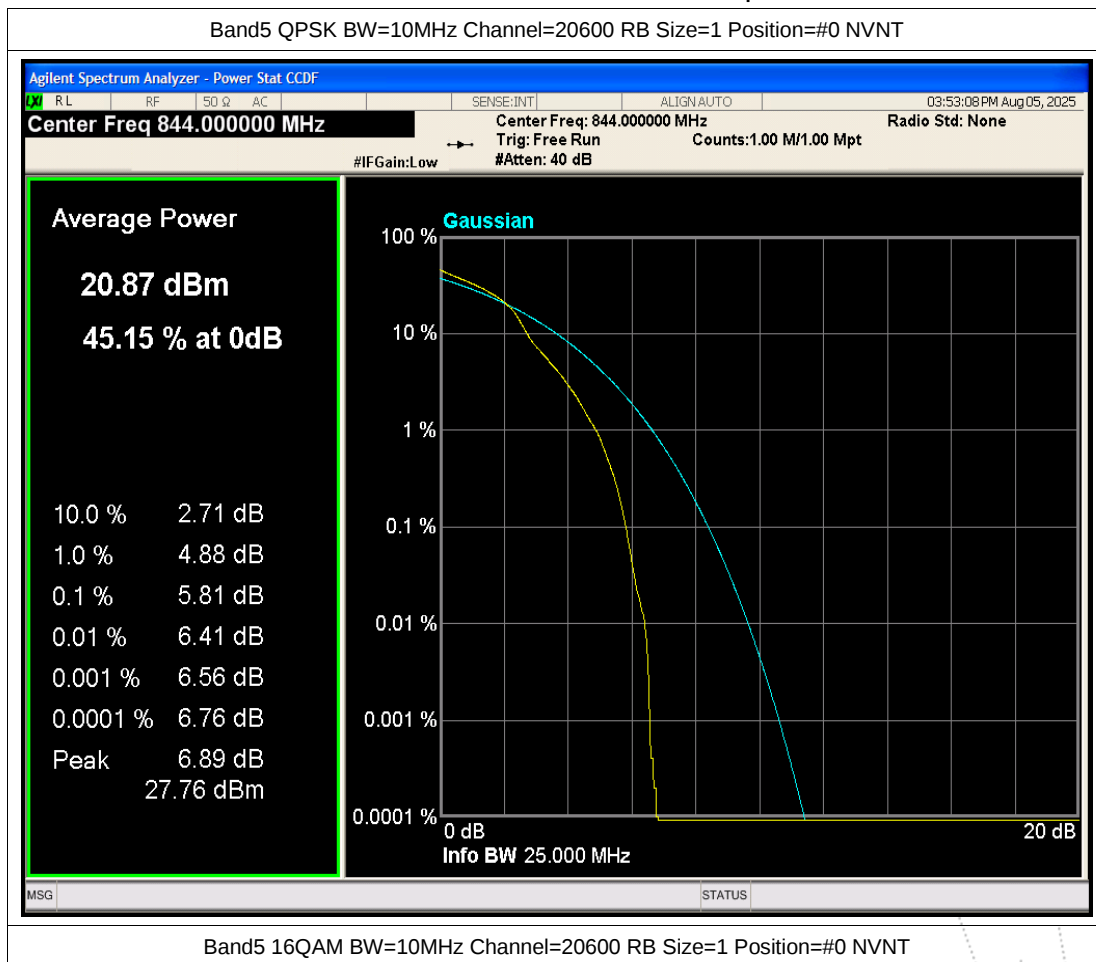






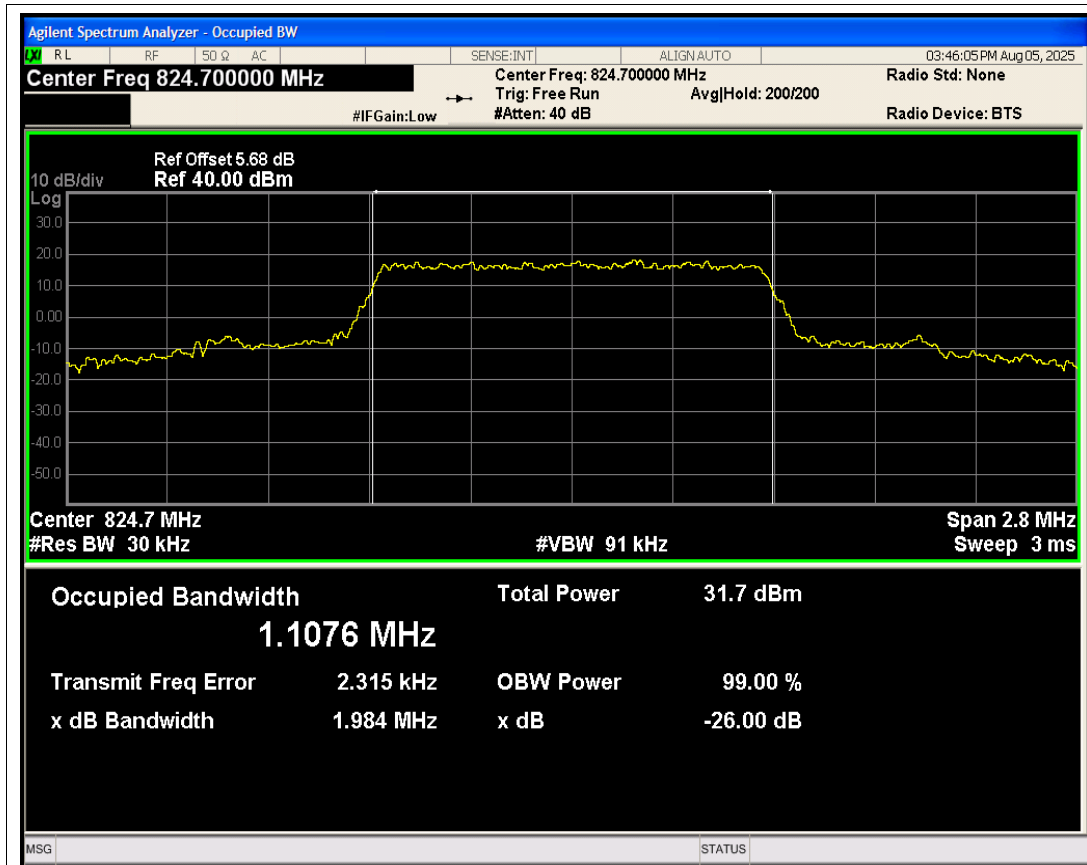
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0 NVNT



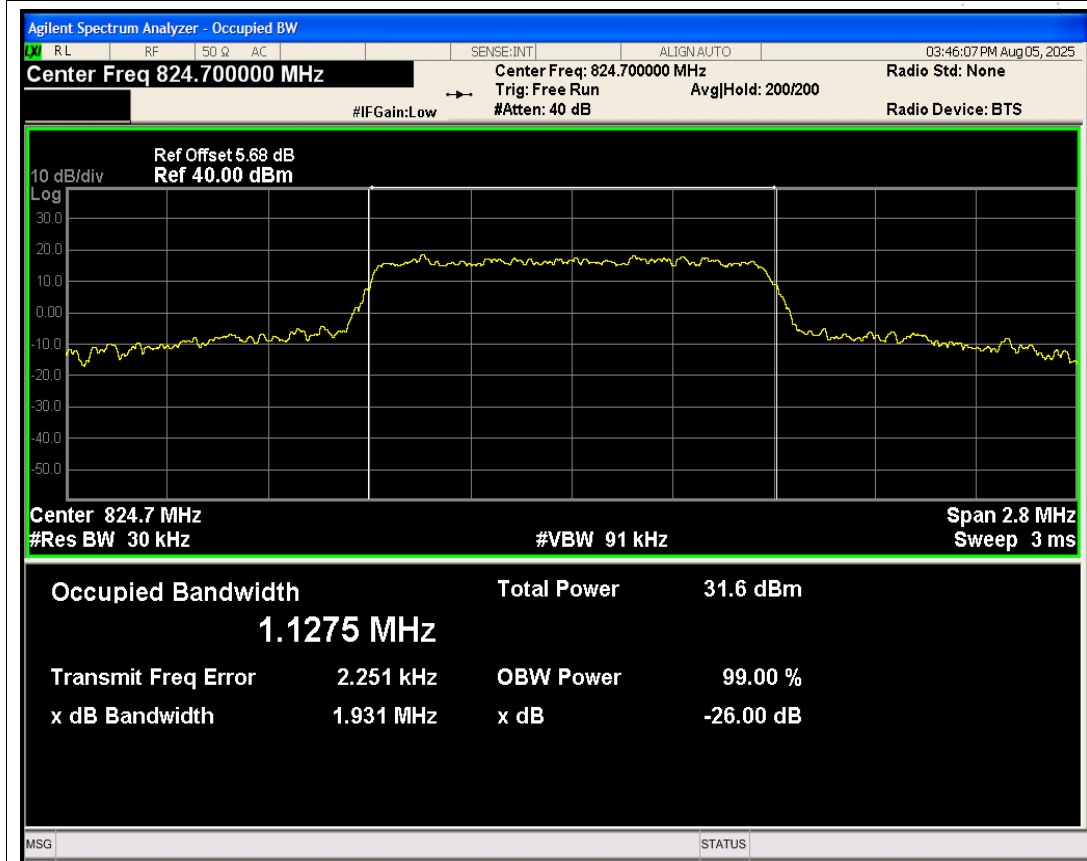


Appendix 4.Occupied bandwidth

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	1.108	1.984	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	1.127	1.931	PASS
NVNT	Band5	1.4	20525	6	#0	QPSK	1.091	1.249	PASS
NVNT	Band5	1.4	20525	6	#0	16QAM	1.097	1.241	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	1.097	1.242	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	1.094	1.249	PASS
NVNT	Band5	3	20415	15	#0	QPSK	2.719	3.070	PASS
NVNT	Band5	3	20415	15	#0	16QAM	2.715	4.961	PASS
NVNT	Band5	3	20525	15	#0	QPSK	2.701	3.029	PASS
NVNT	Band5	3	20525	15	#0	16QAM	2.714	3.043	PASS
NVNT	Band5	3	20635	15	#0	QPSK	2.712	3.030	PASS
NVNT	Band5	3	20635	15	#0	16QAM	2.707	3.059	PASS
NVNT	Band5	5	20425	25	#0	QPSK	4.532	4.957	PASS
NVNT	Band5	5	20425	25	#0	16QAM	4.541	5.072	PASS
NVNT	Band5	5	20525	25	#0	QPSK	4.507	4.987	PASS
NVNT	Band5	5	20525	25	#0	16QAM	4.514	4.994	PASS
NVNT	Band5	5	20625	25	#0	QPSK	4.502	4.988	PASS
NVNT	Band5	5	20625	25	#0	16QAM	4.501	4.916	PASS
NVNT	Band5	10	20450	50	#0	QPSK	9.006	9.928	PASS
NVNT	Band5	10	20450	50	#0	16QAM	8.977	9.804	PASS
NVNT	Band5	10	20525	50	#0	QPSK	9.009	9.785	PASS
NVNT	Band5	10	20525	50	#0	16QAM	9.003	9.871	PASS
NVNT	Band5	10	20600	50	#0	QPSK	8.989	9.842	PASS
NVNT	Band5	10	20600	50	#0	16QAM	8.983	9.893	PASS

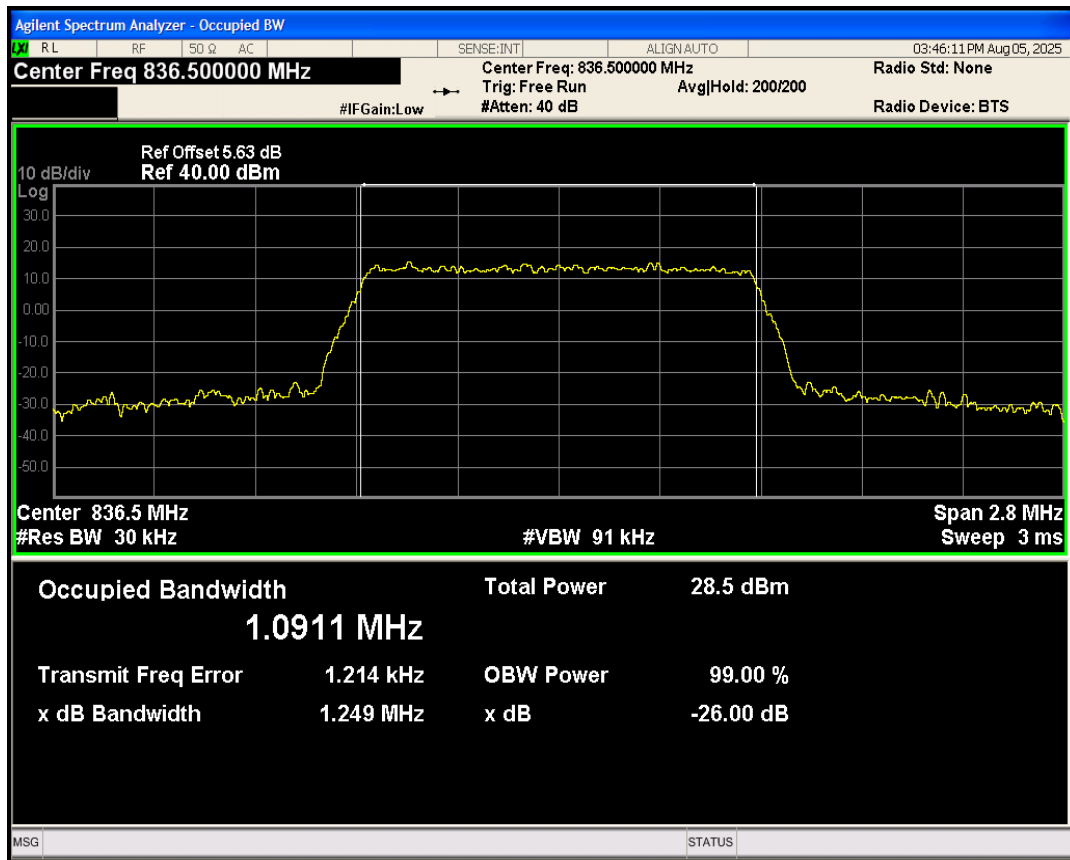


Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT

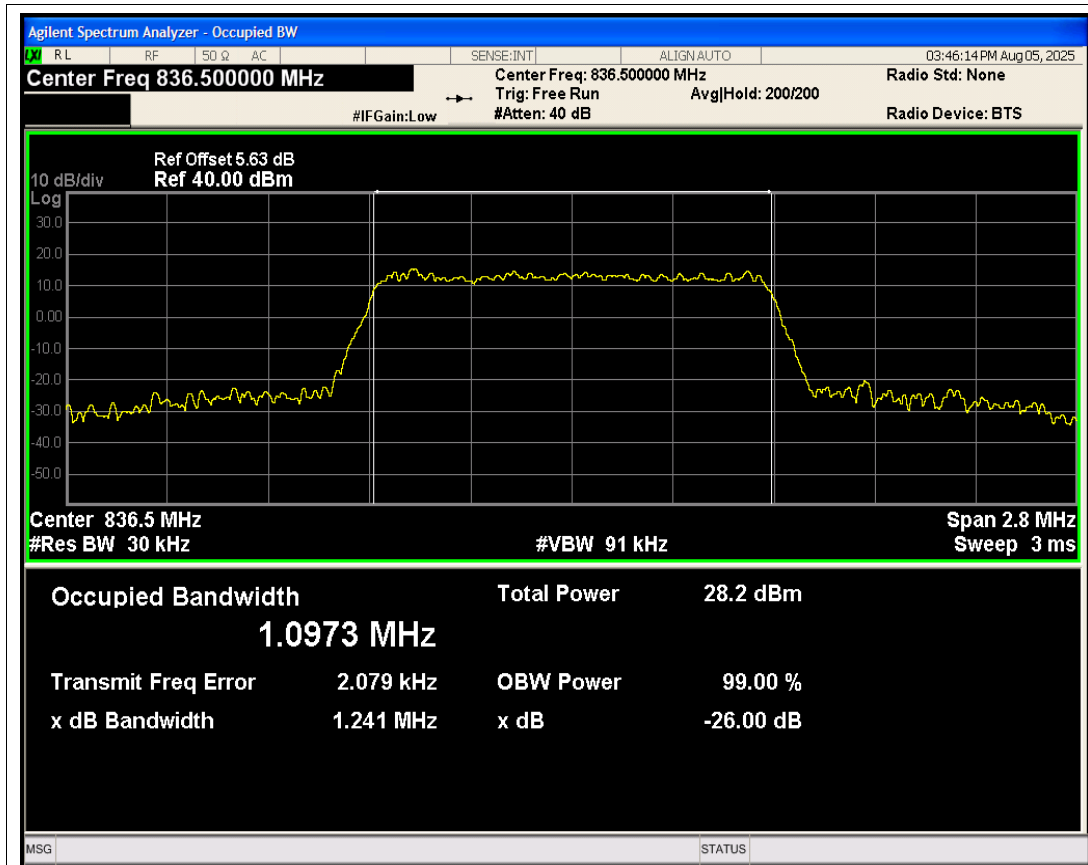




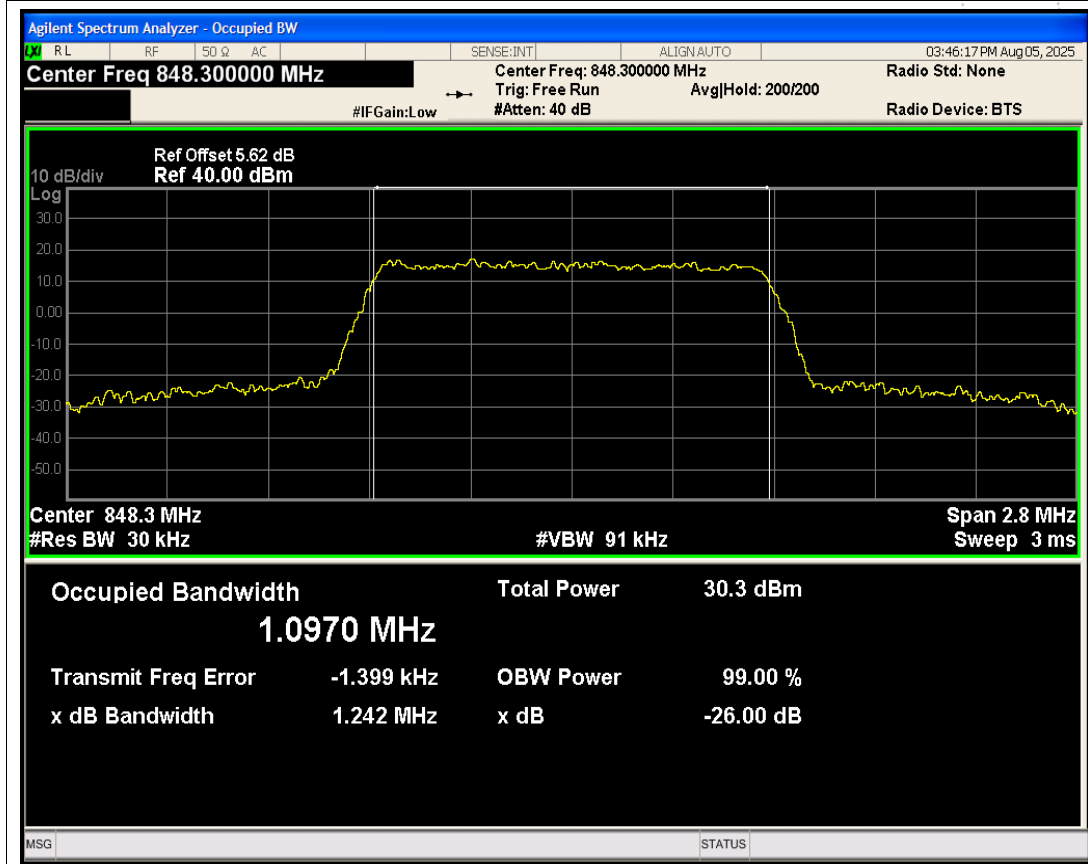
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT

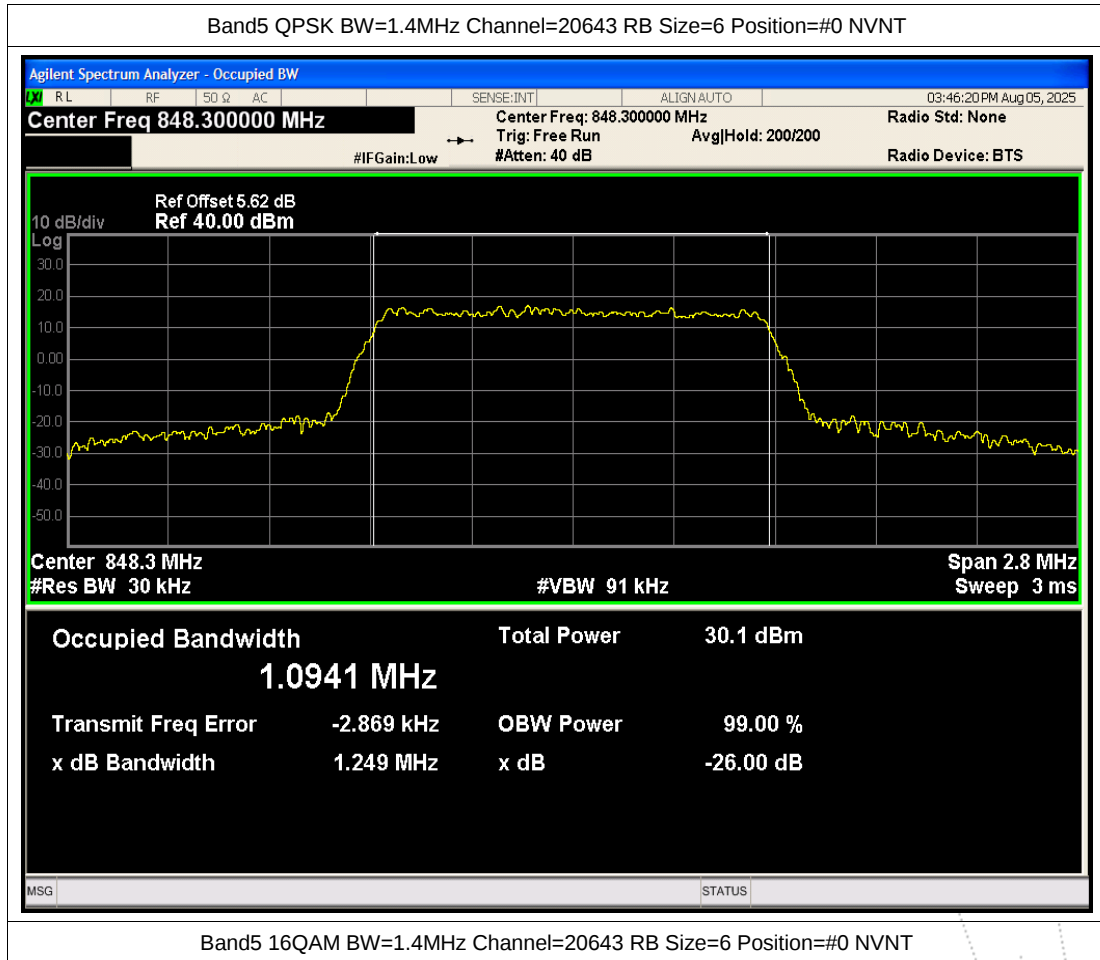


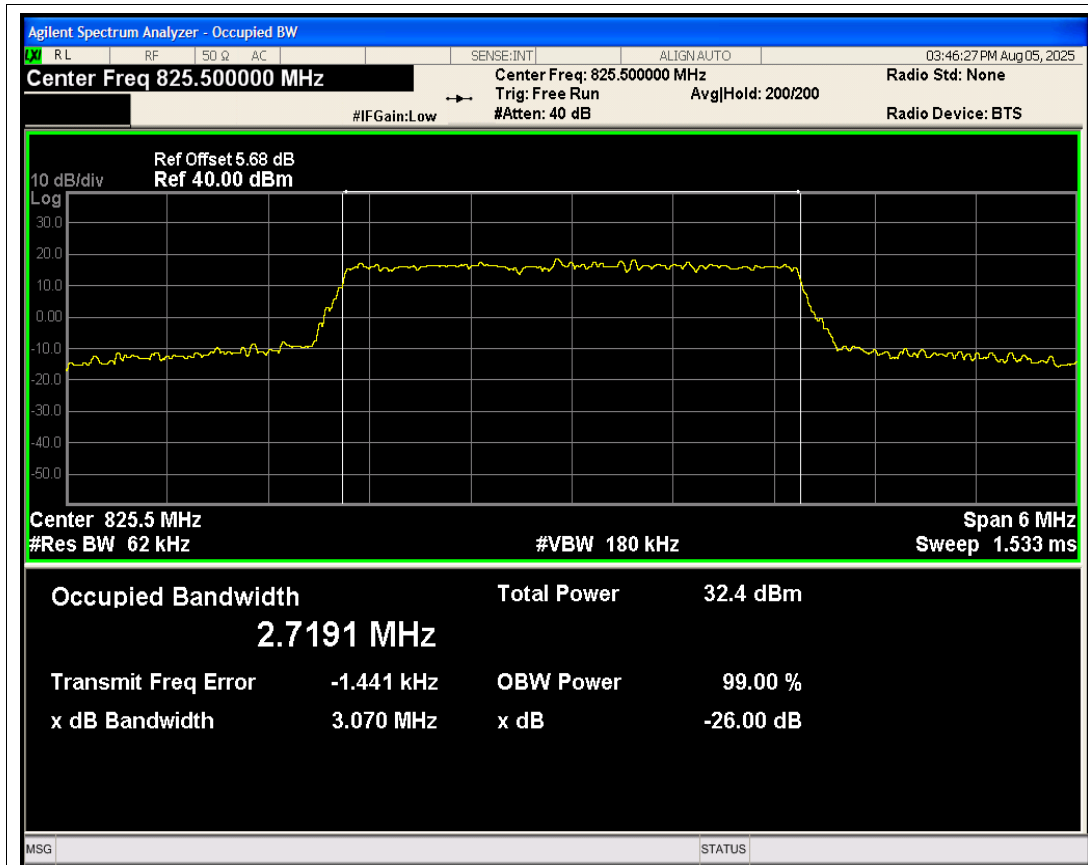
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT



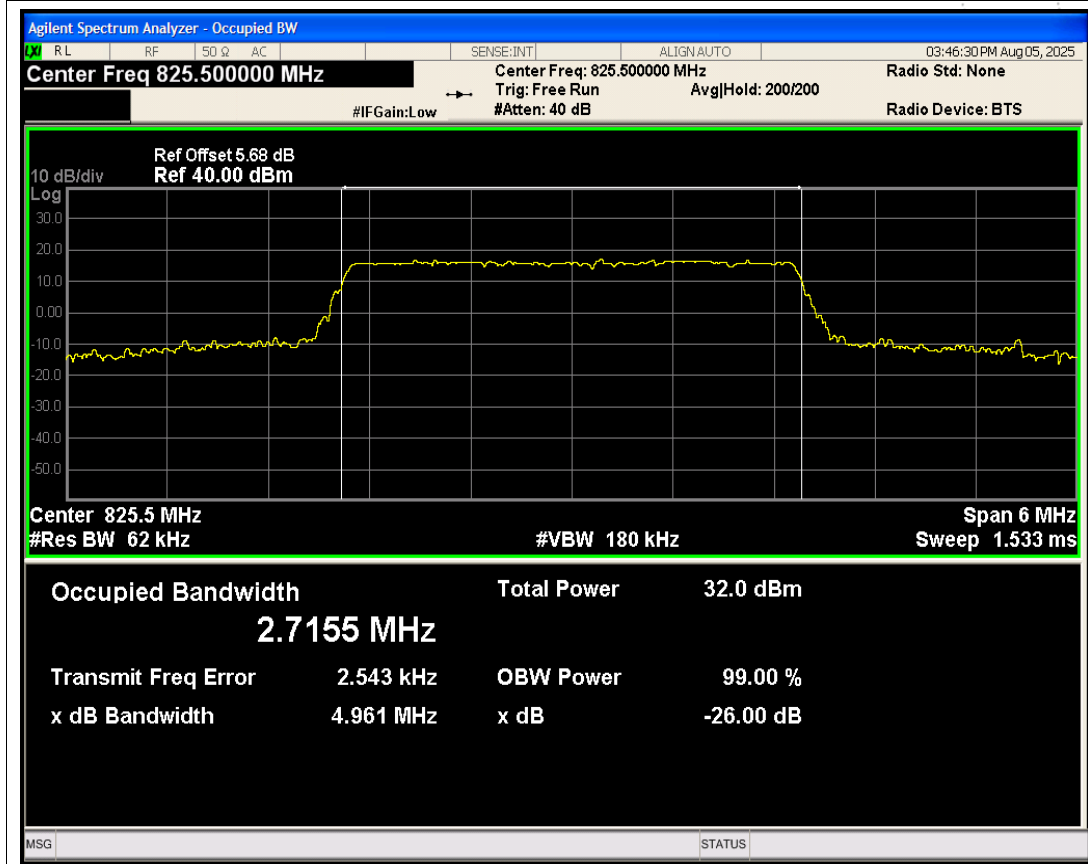
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT





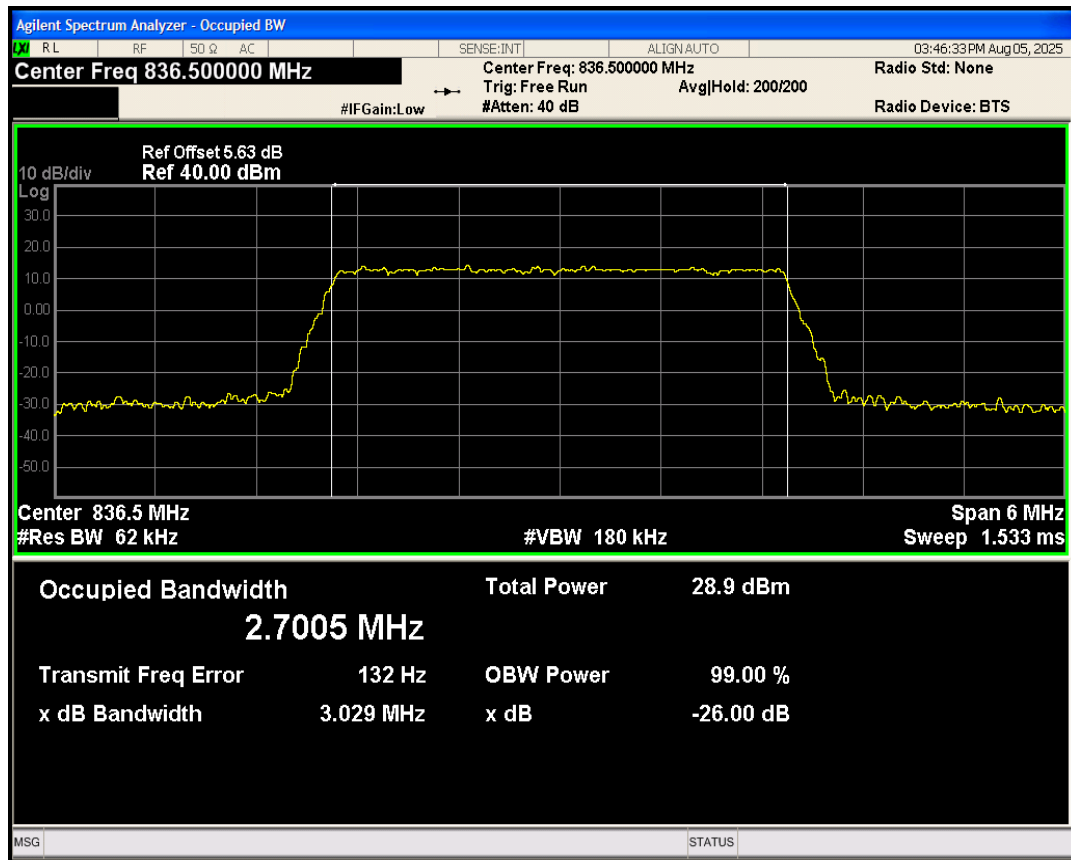


Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT

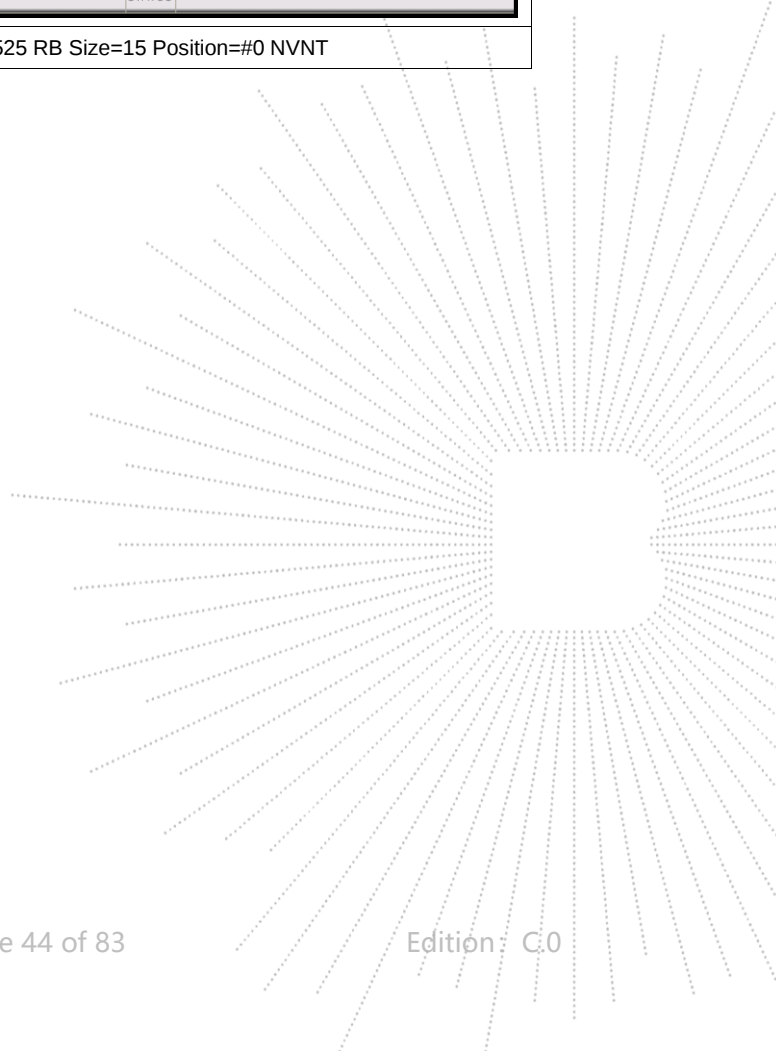


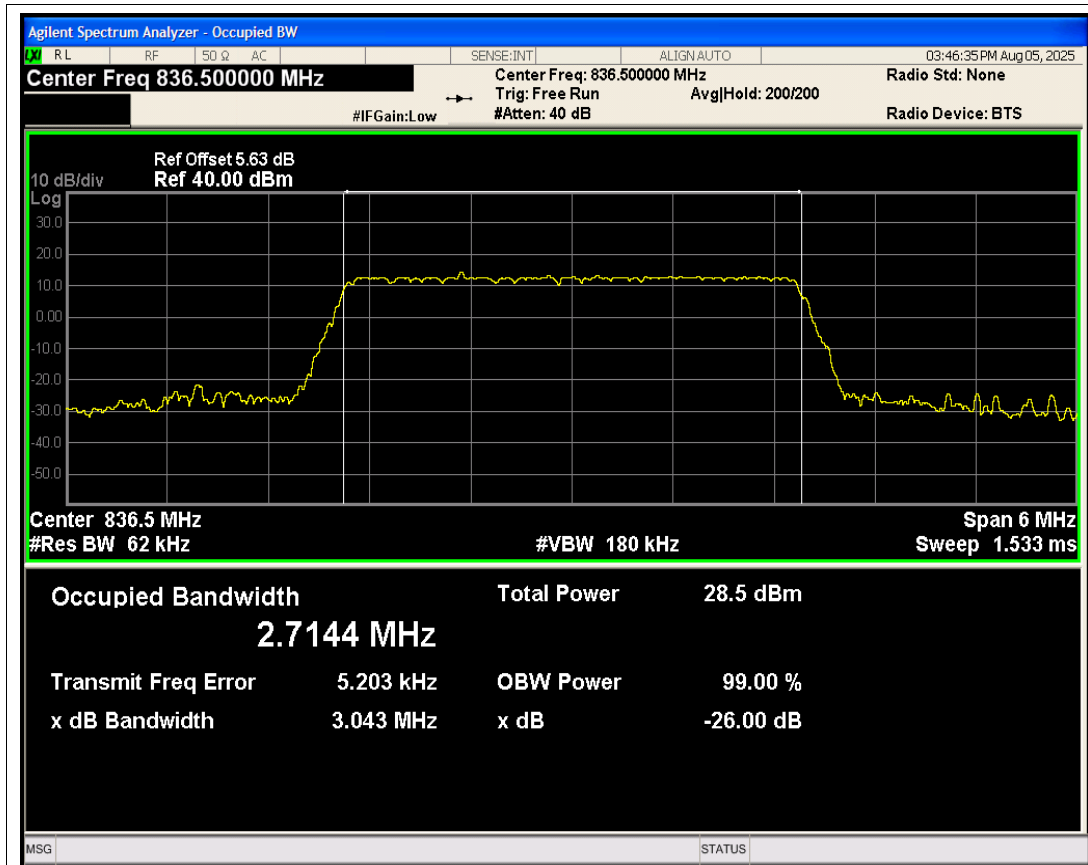


Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT

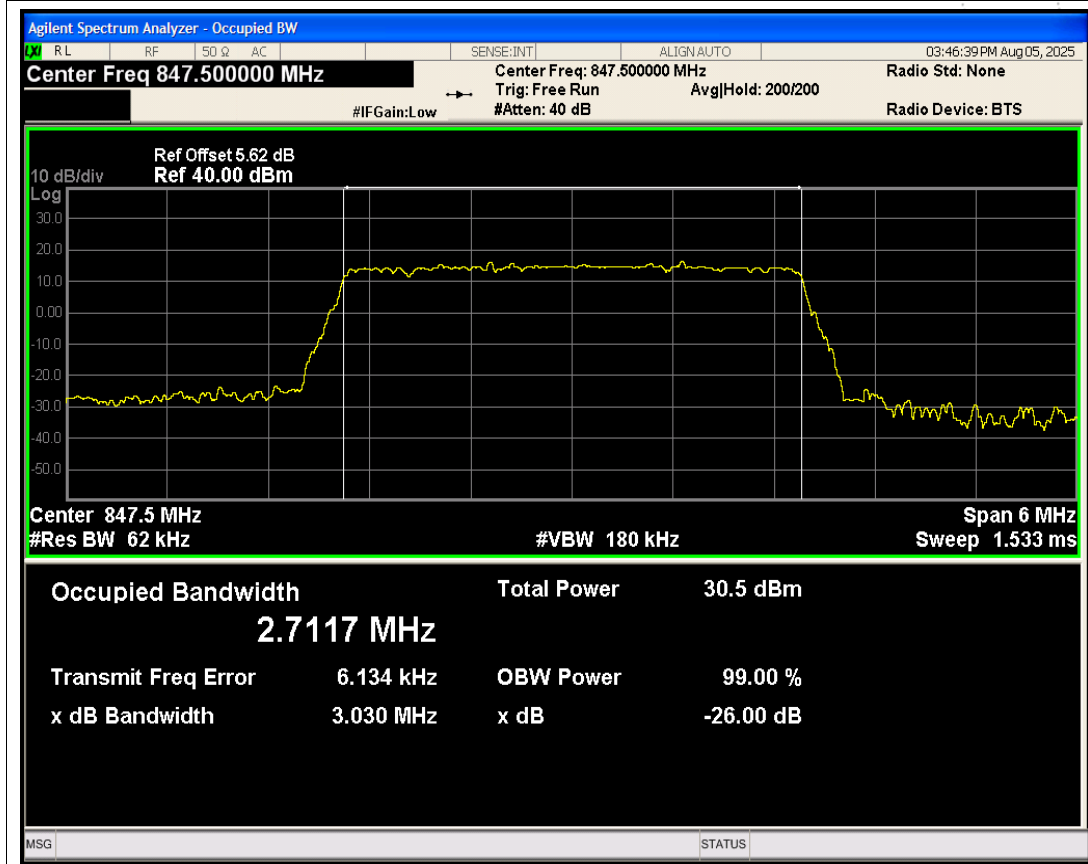


Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT



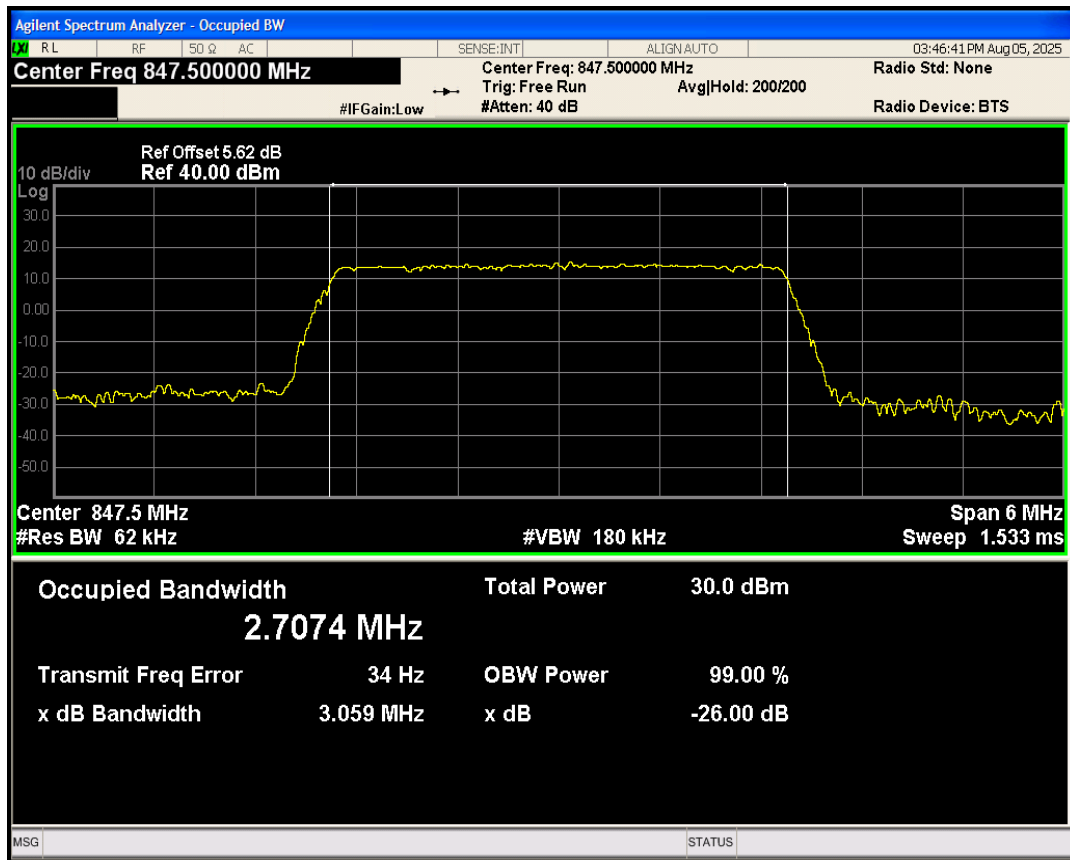


Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT

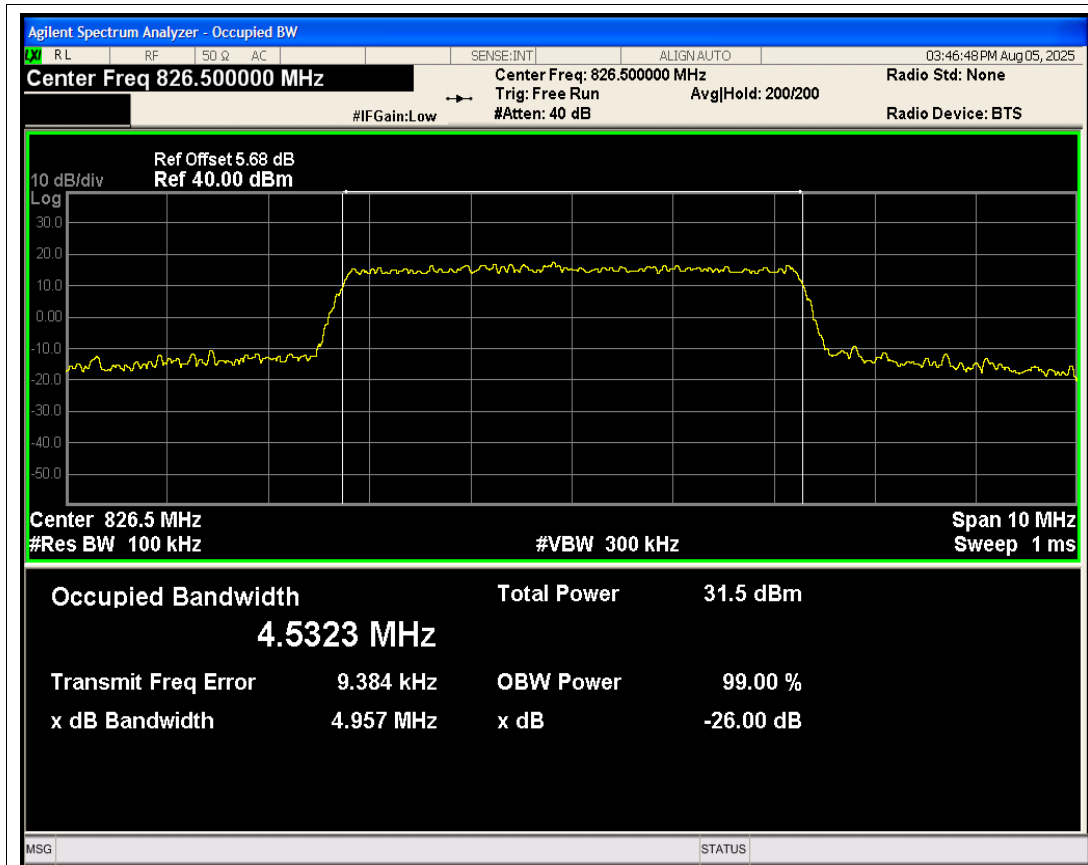




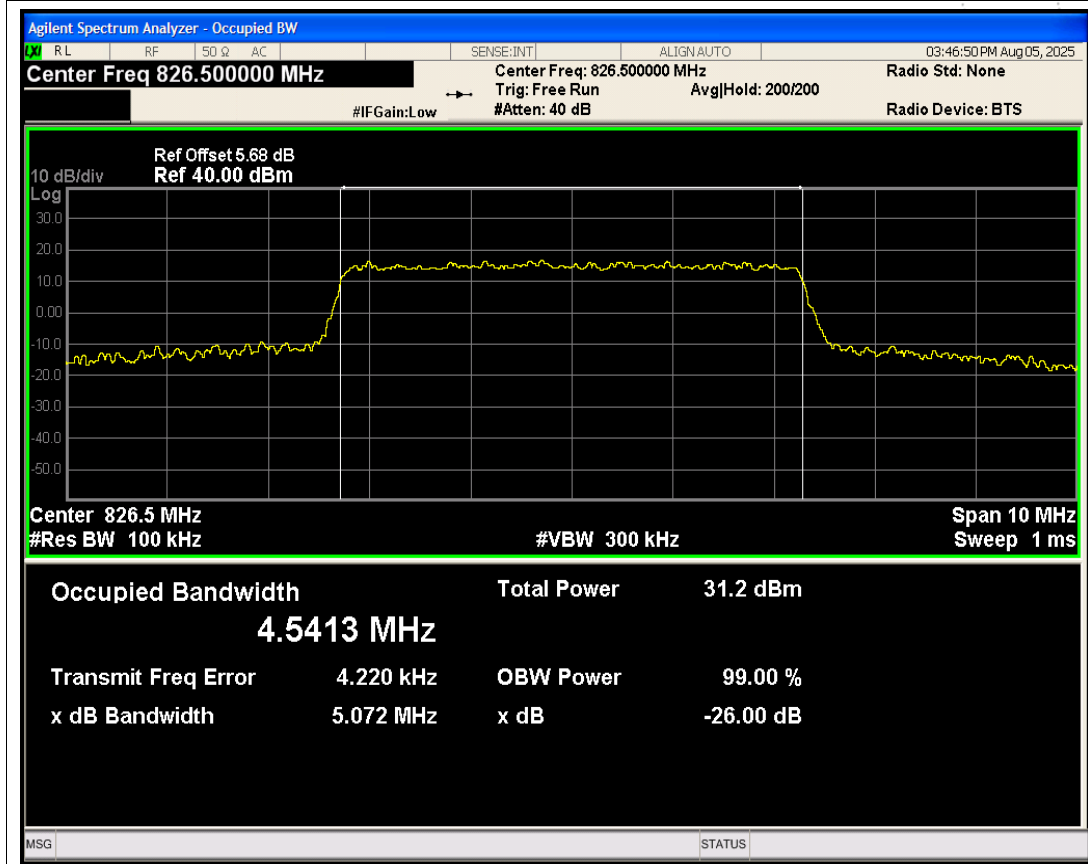
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT



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

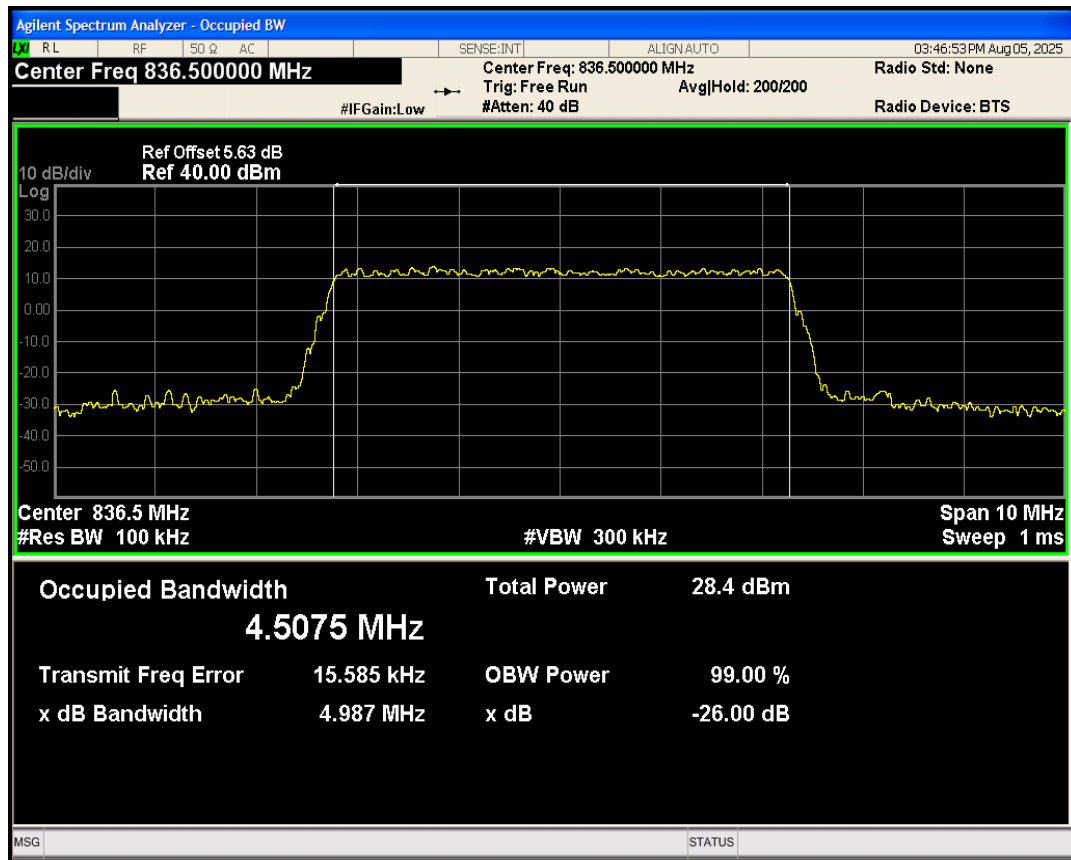


Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

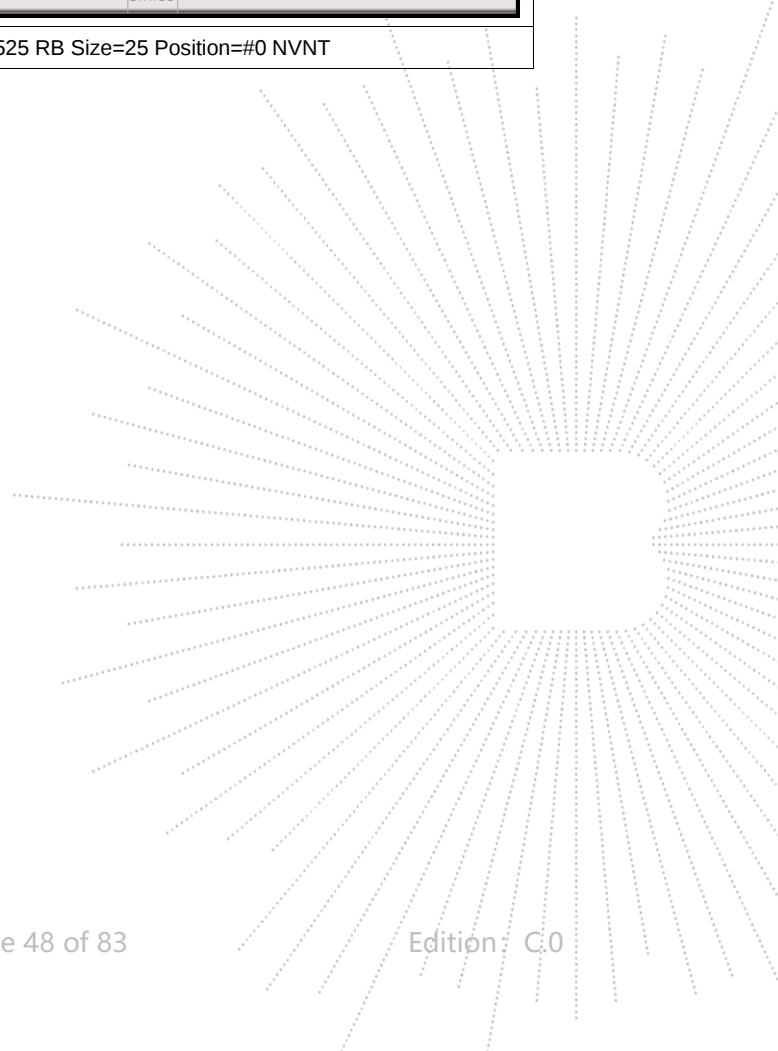


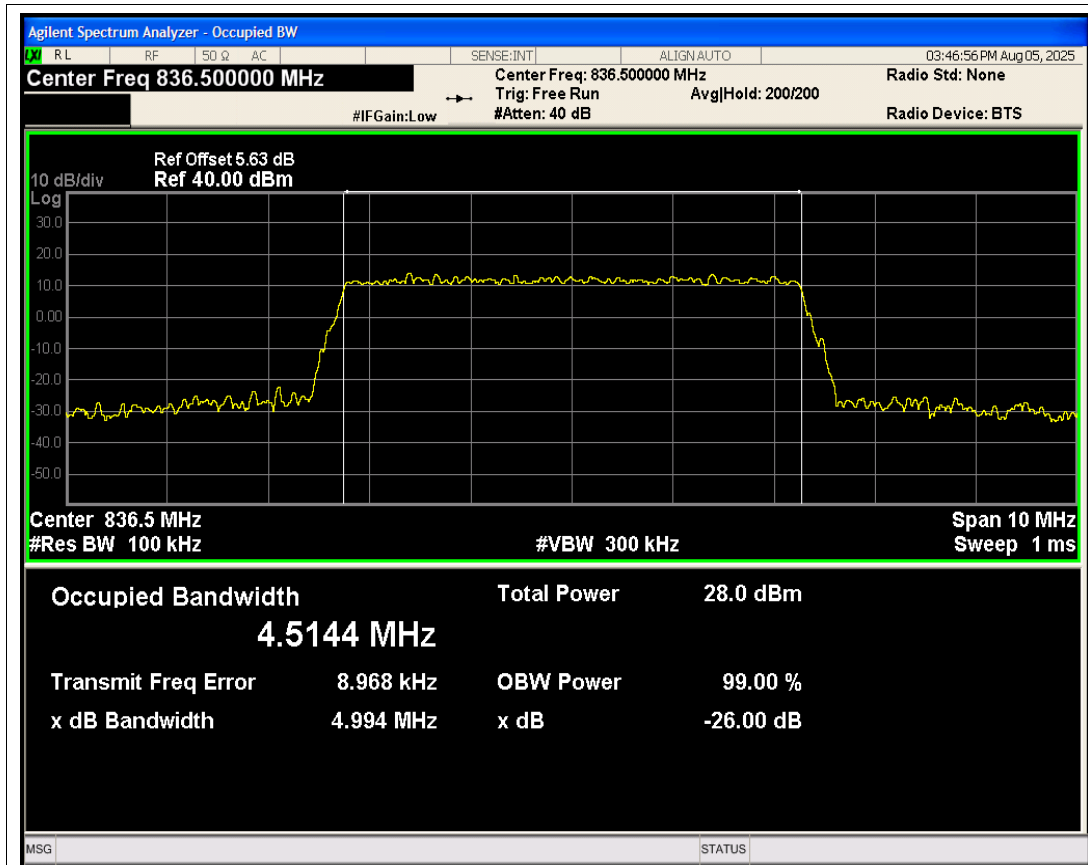


Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

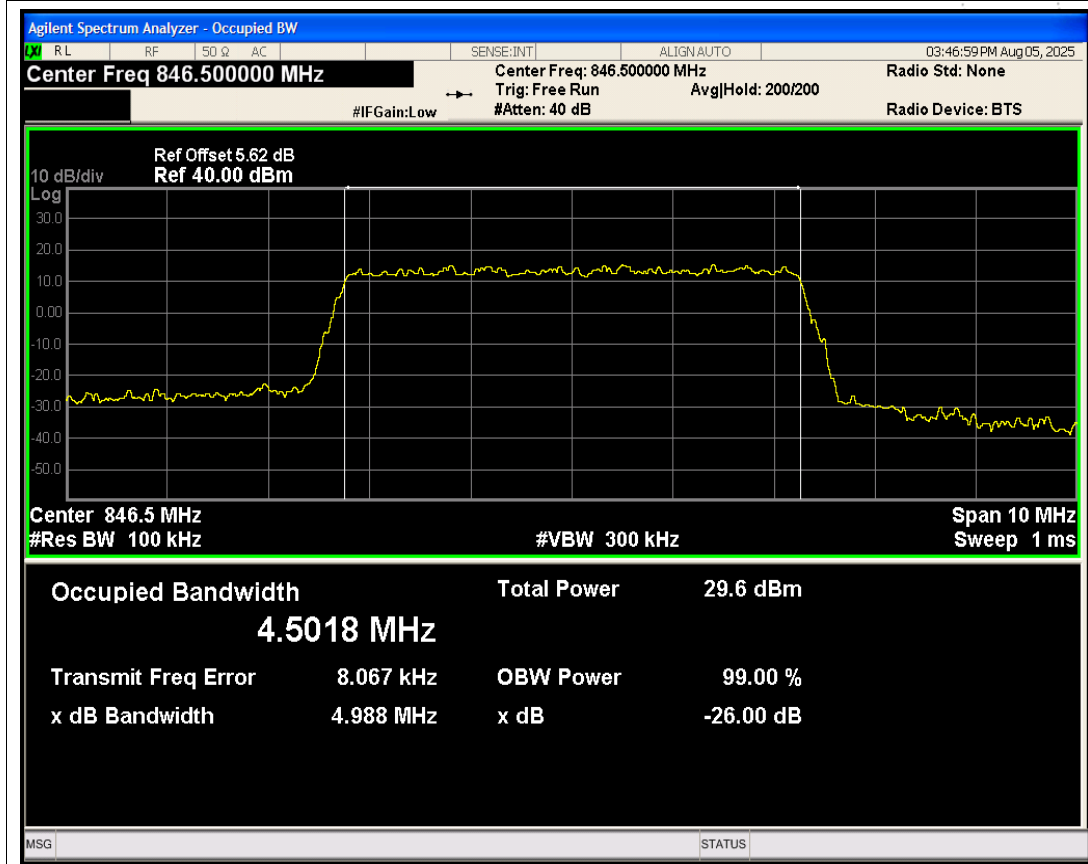


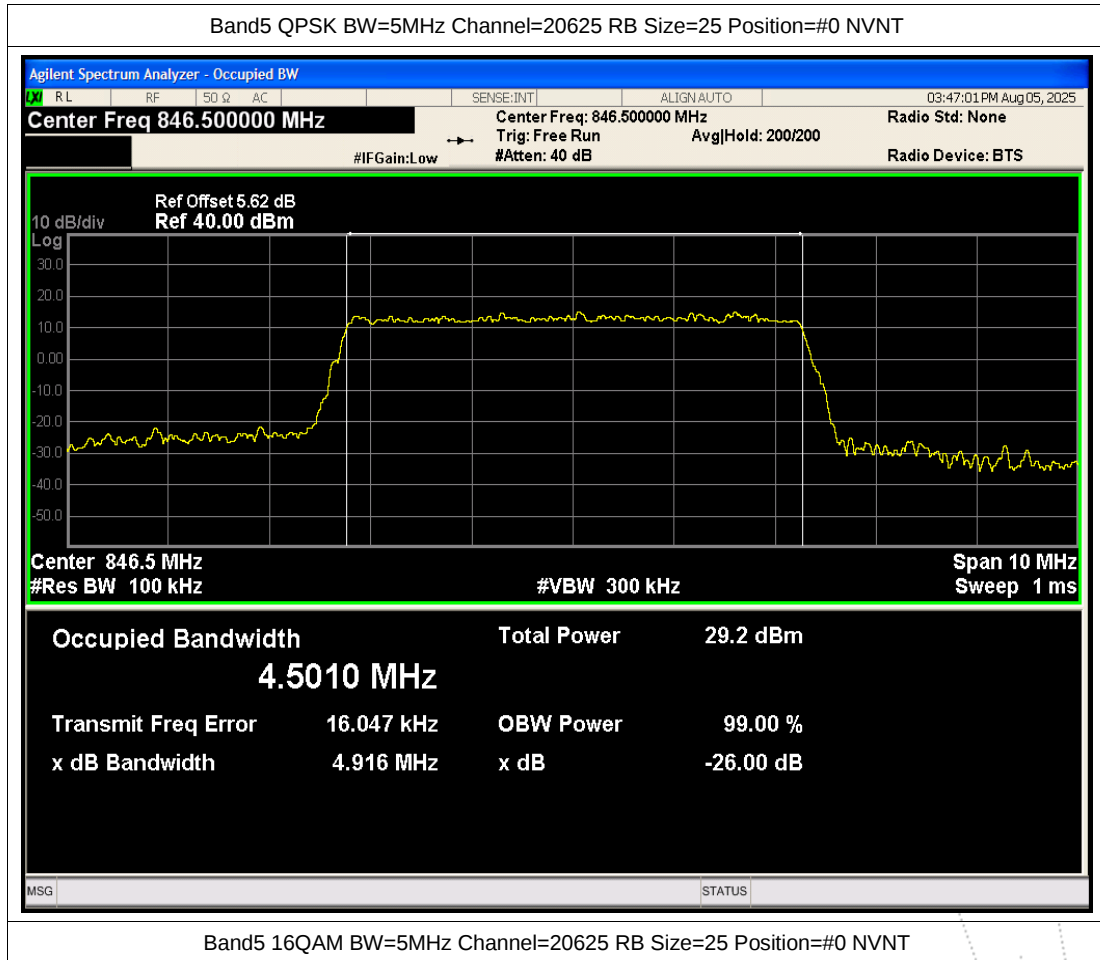
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT

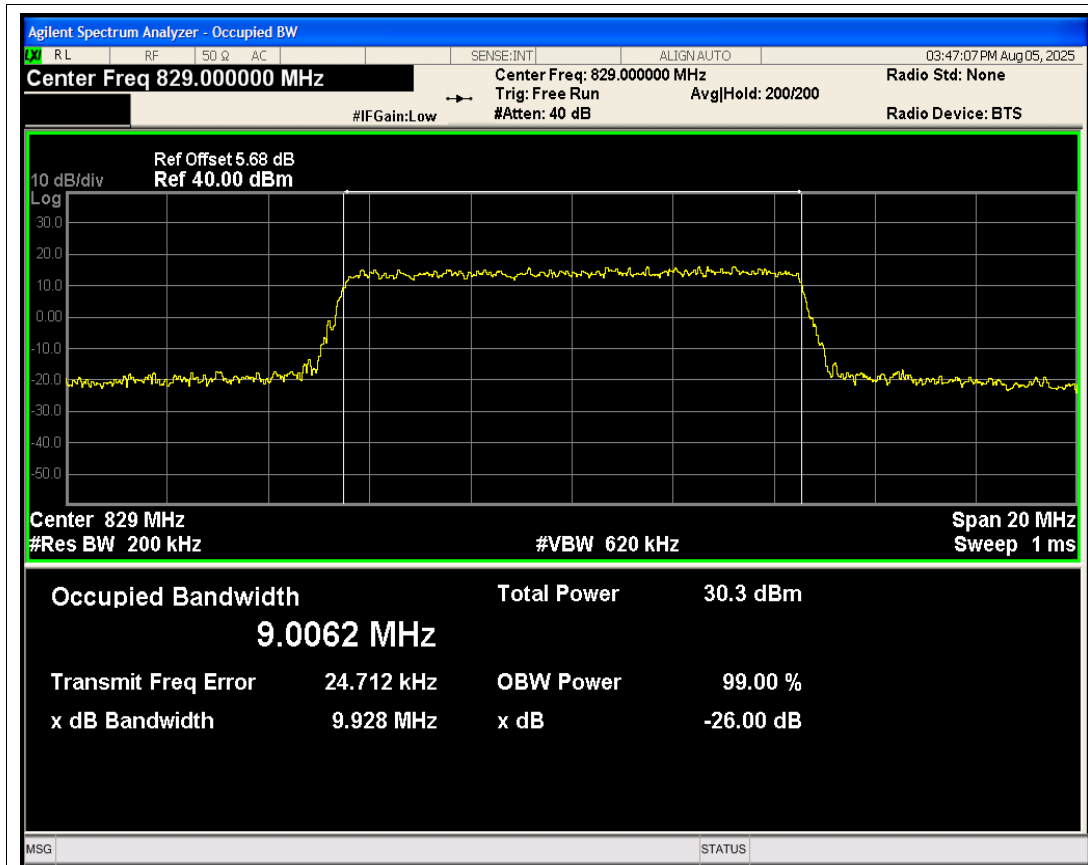




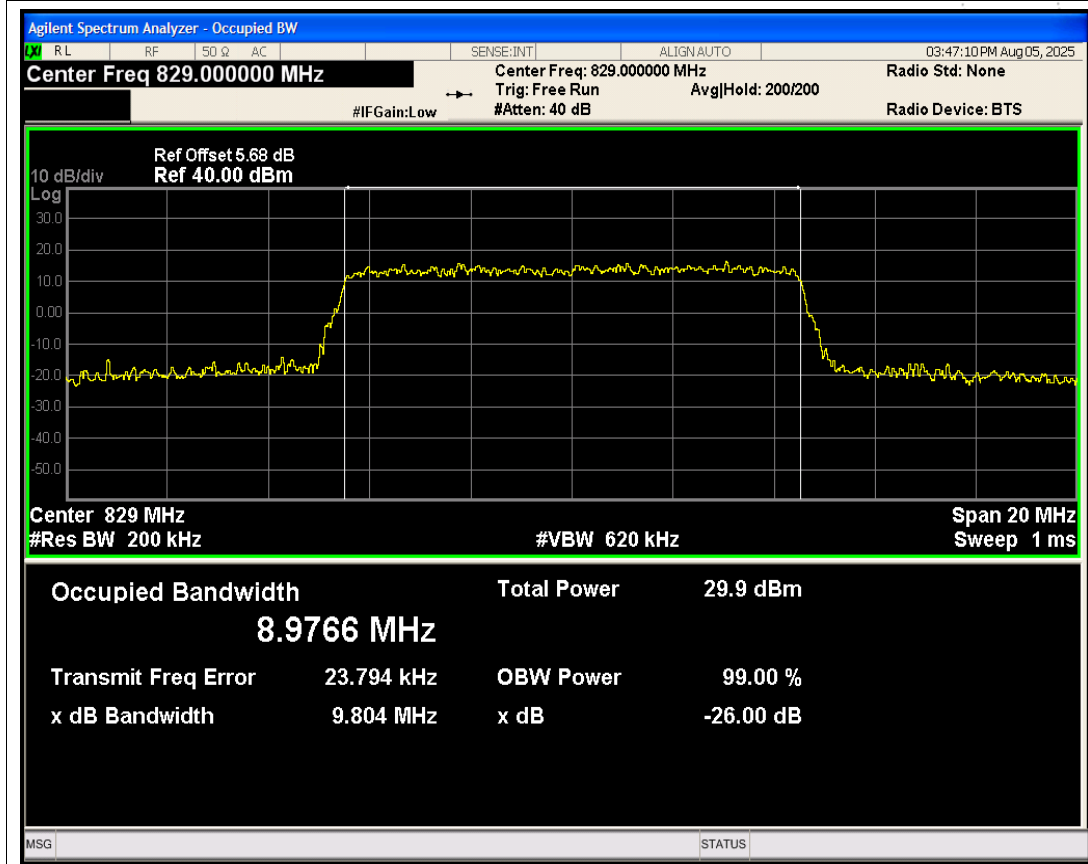
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT

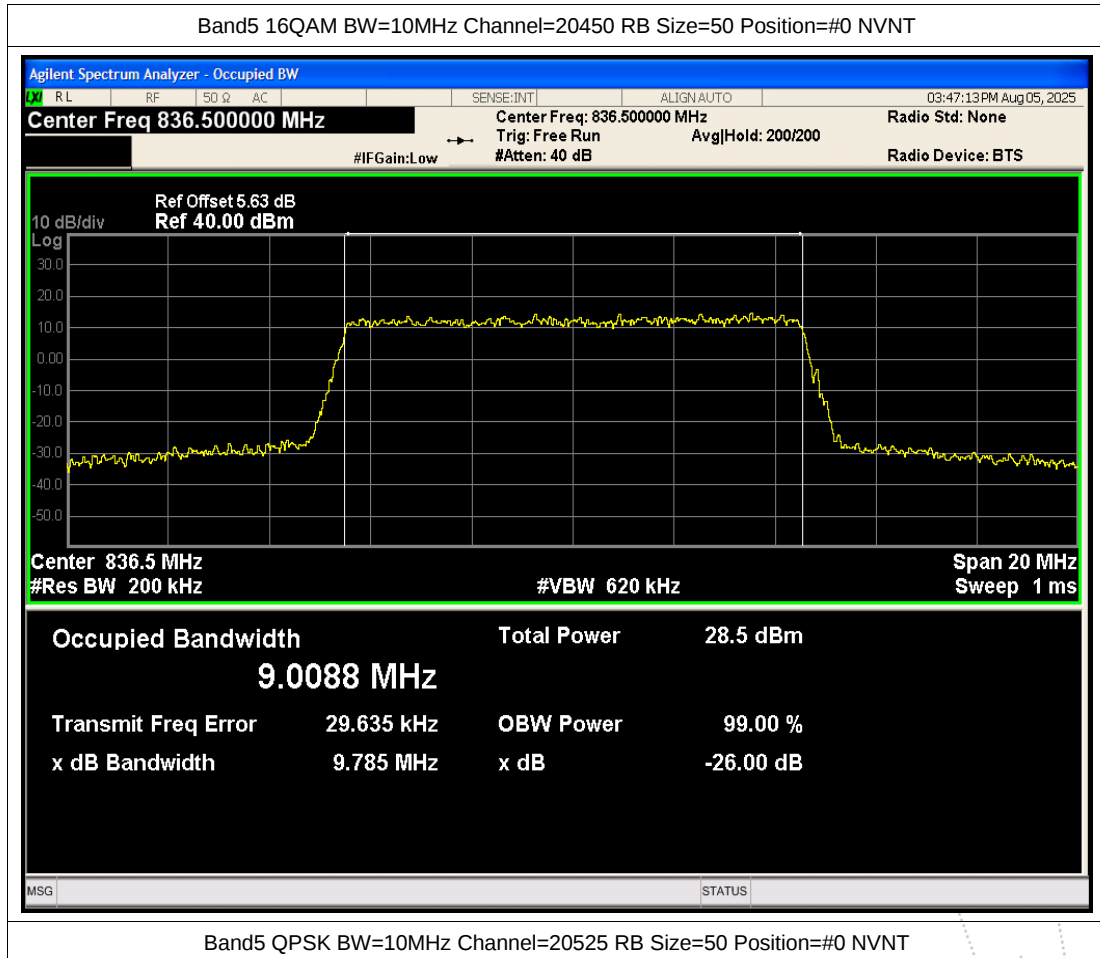


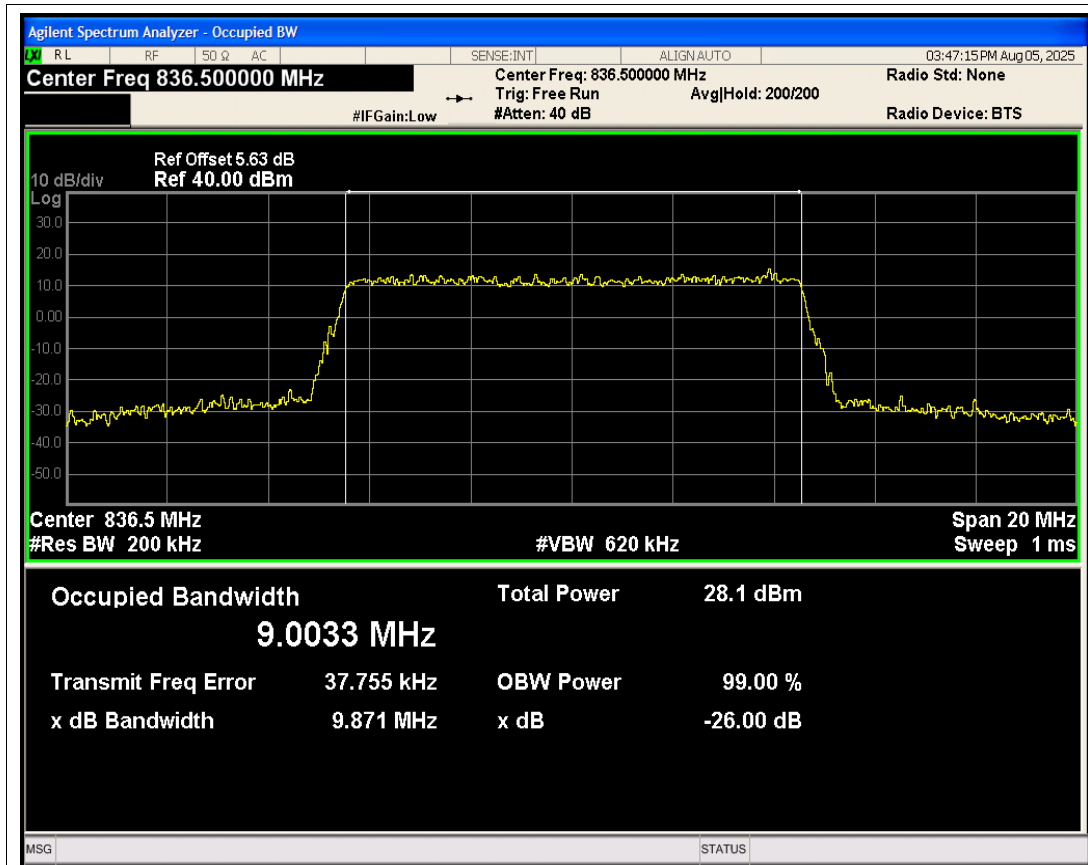




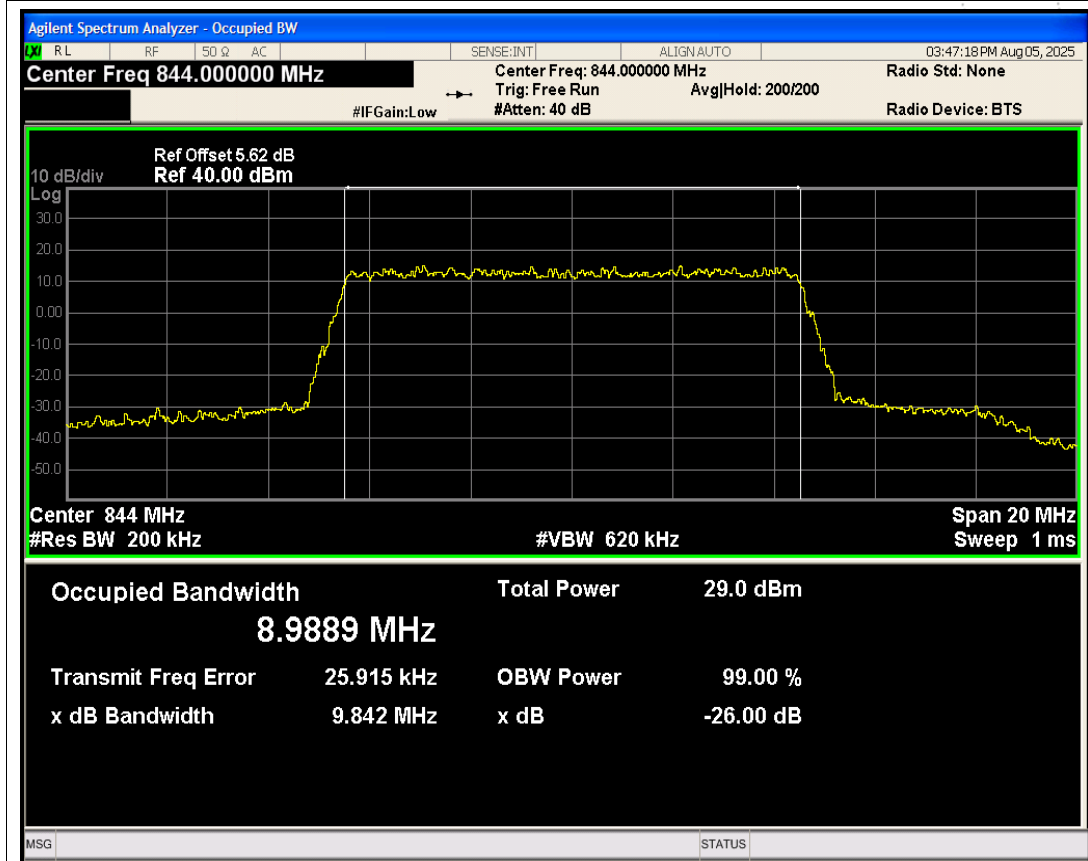
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT





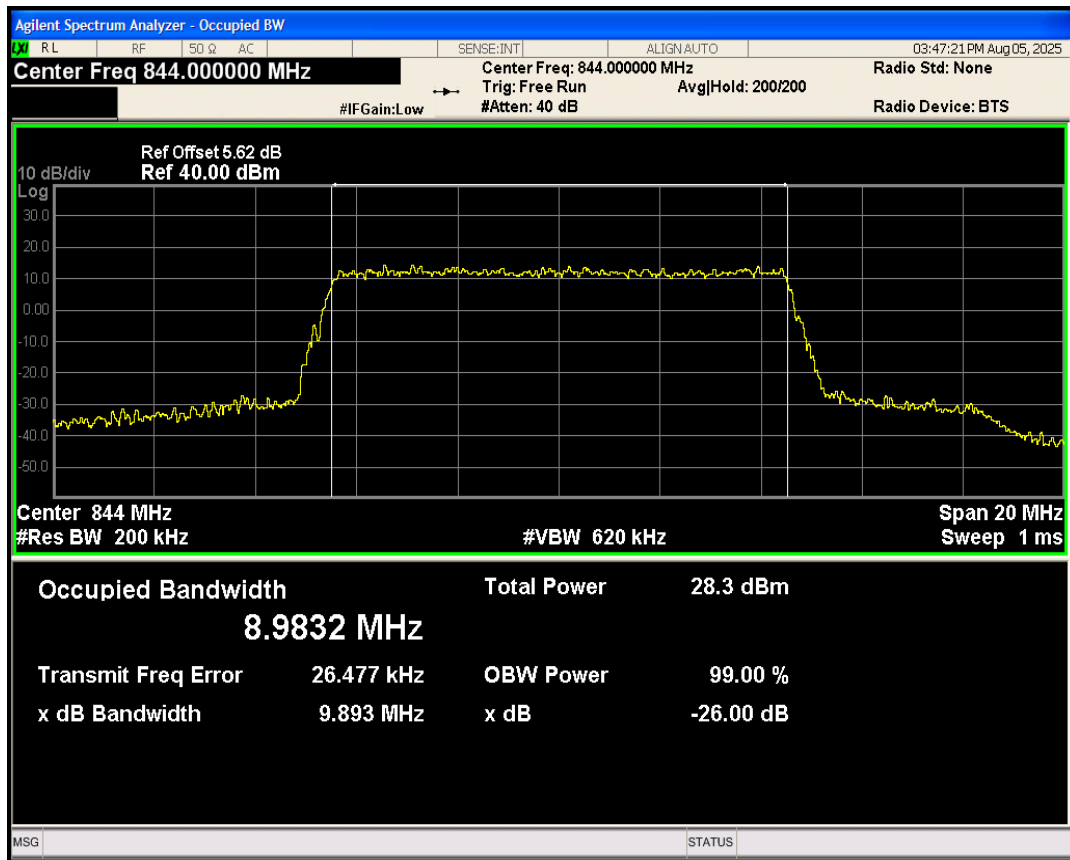


Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0 NVNT





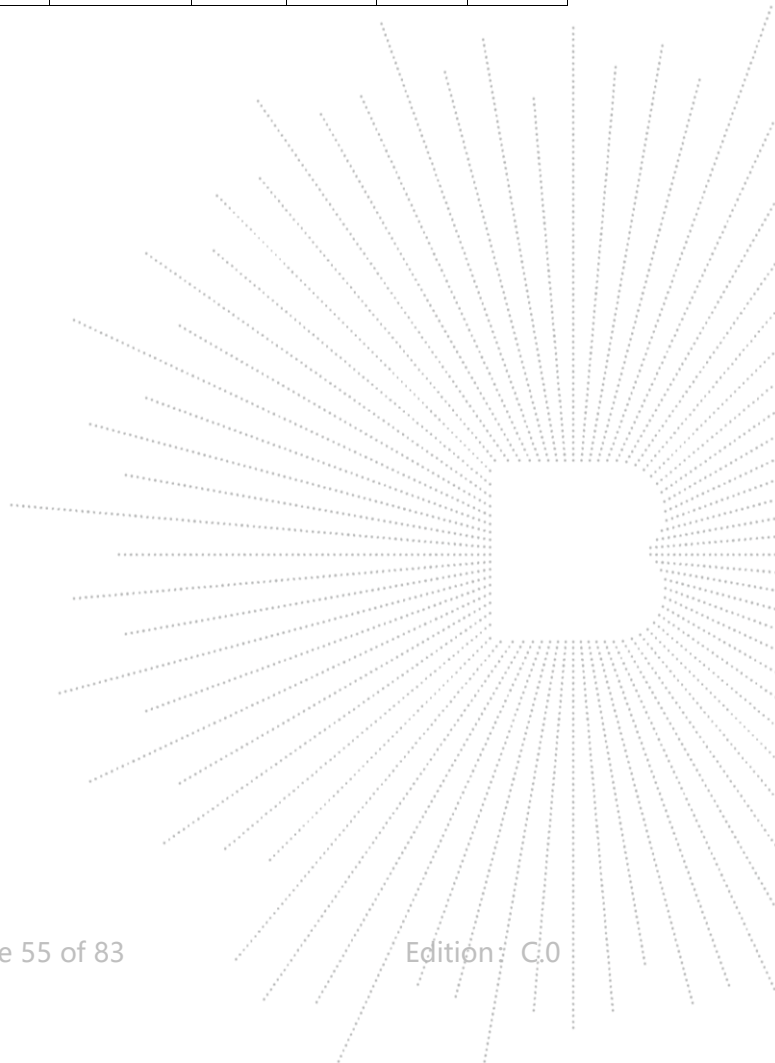
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0 NVNT

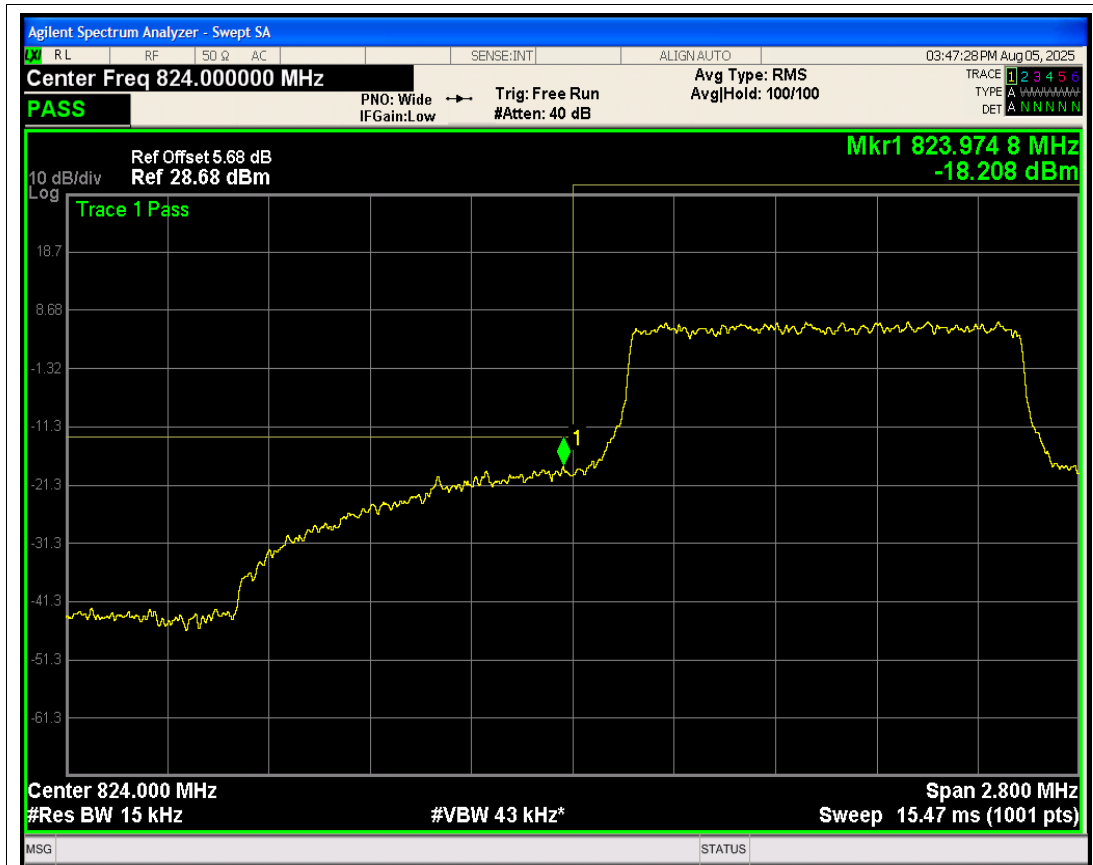


Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0 NVNT

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	-18.20	-13	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	823.96	-18.05	-13	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	849.01	-35.30	-13	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	849.04	-32.76	-13	PASS
NVNT	Band5	3	20415	15	#0	QPSK	824.00	-18.18	-13	PASS
NVNT	Band5	3	20415	15	#0	16QAM	824.00	-20.47	-13	PASS
NVNT	Band5	3	20635	15	#0	QPSK	849.00	-27.97	-13	PASS
NVNT	Band5	3	20635	15	#0	16QAM	849.00	-25.57	-13	PASS
NVNT	Band5	5	20425	25	#0	QPSK	823.99	-23.31	-13	PASS
NVNT	Band5	5	20425	25	#0	16QAM	823.99	-22.56	-13	PASS
NVNT	Band5	5	20625	25	#0	QPSK	849.01	-33.66	-13	PASS
NVNT	Band5	5	20625	25	#0	16QAM	849.00	-32.27	-13	PASS
NVNT	Band5	10	20450	50	#0	QPSK	824.00	-29.96	-13	PASS
NVNT	Band5	10	20450	50	#0	16QAM	823.22	-29.63	-13	PASS
NVNT	Band5	10	20600	50	#0	QPSK	849.02	-34.51	-13	PASS
NVNT	Band5	10	20600	50	#0	16QAM	849.00	-33.12	-13	PASS





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





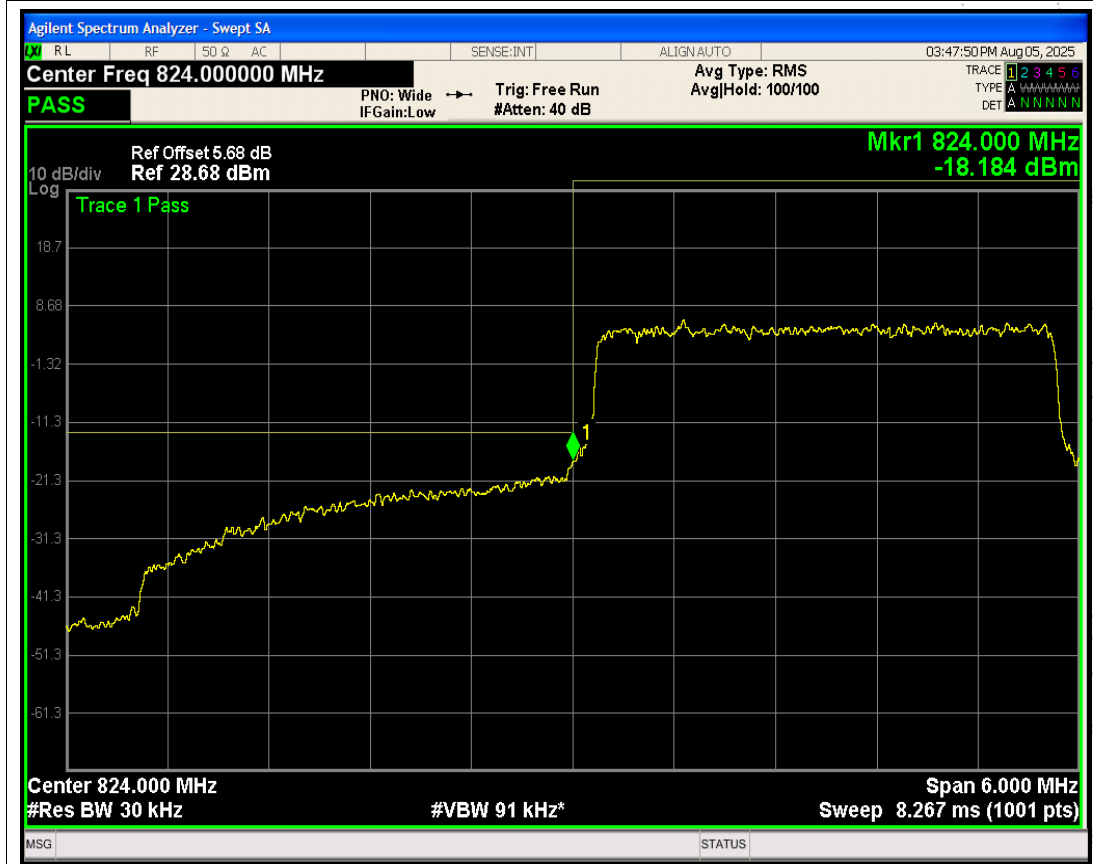
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT

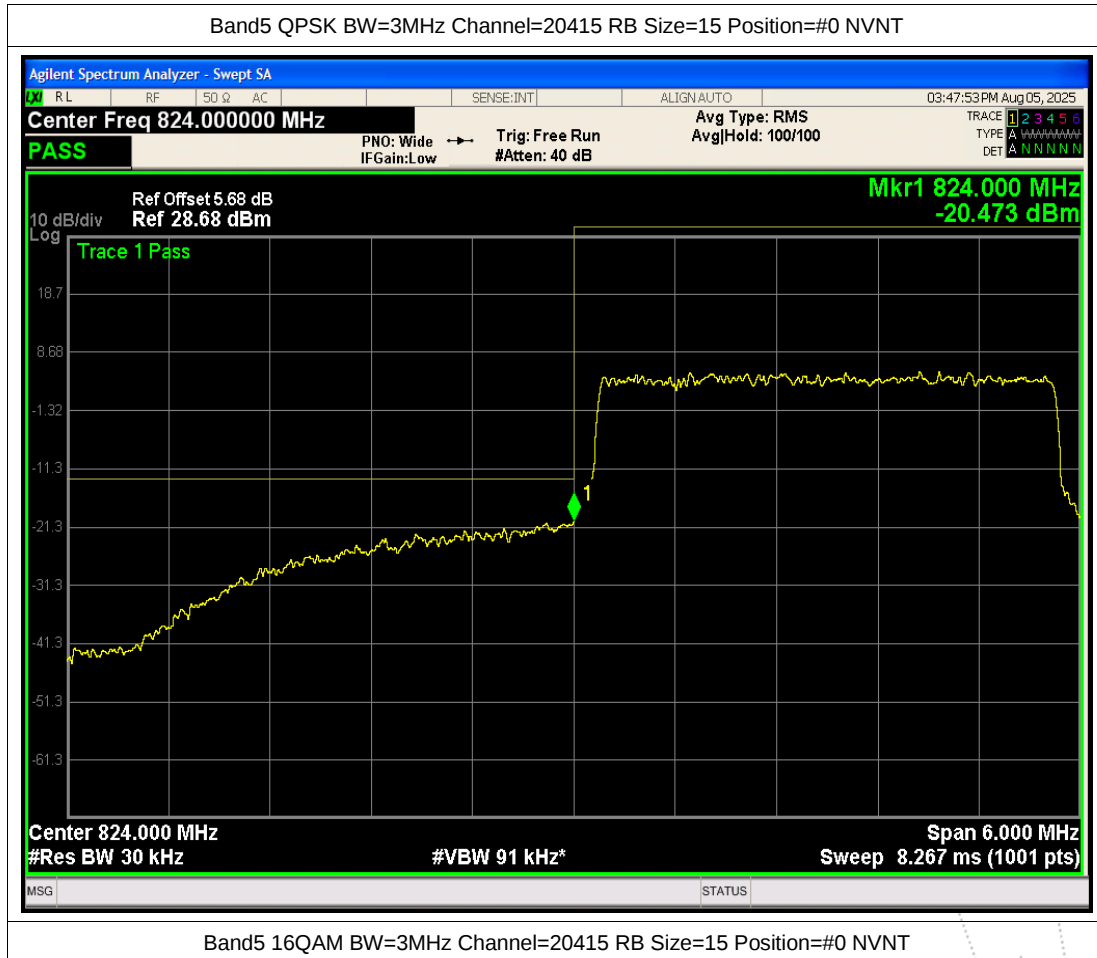


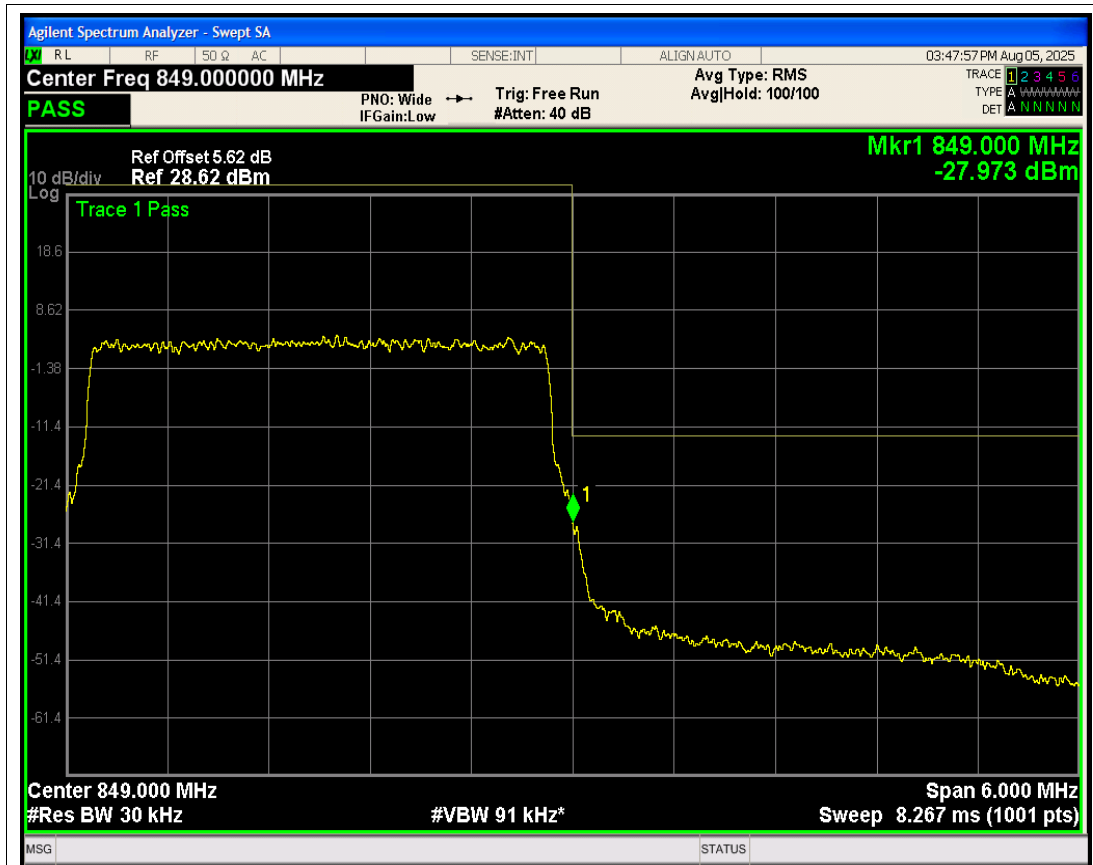
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT



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

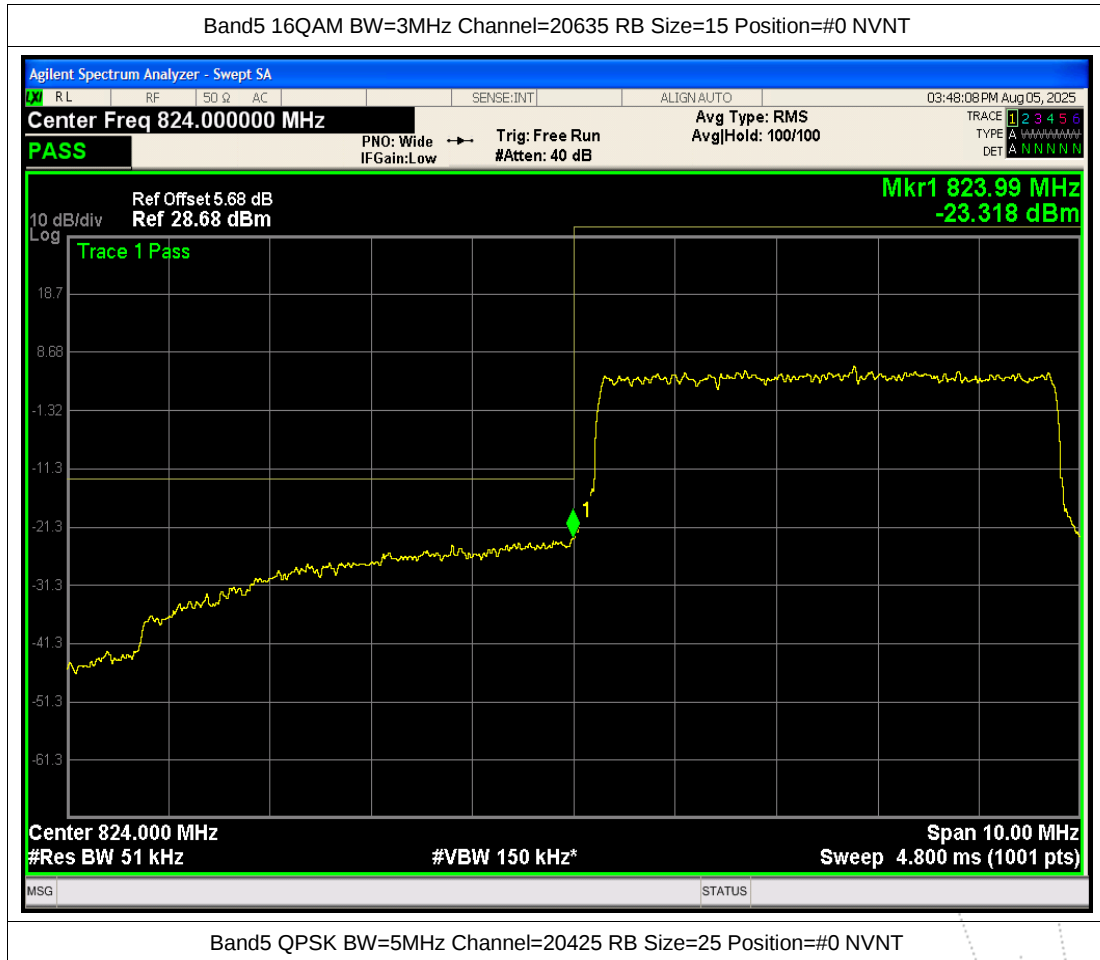


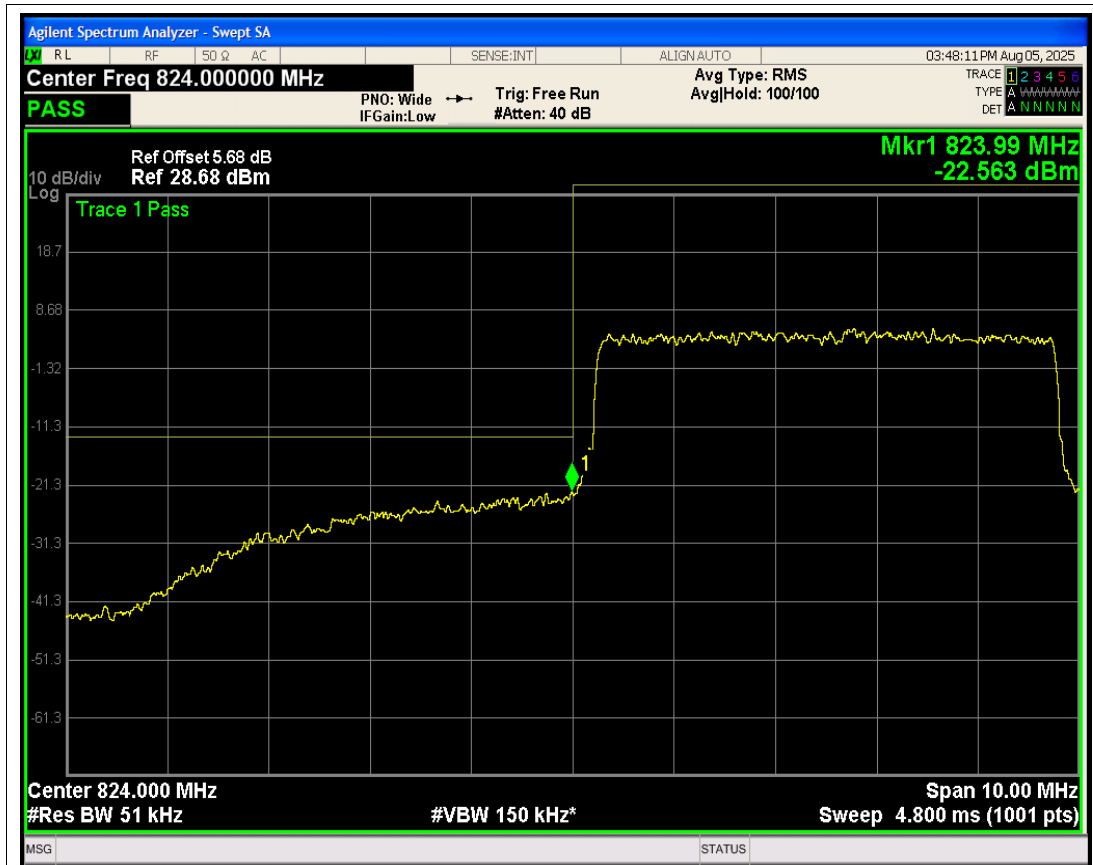




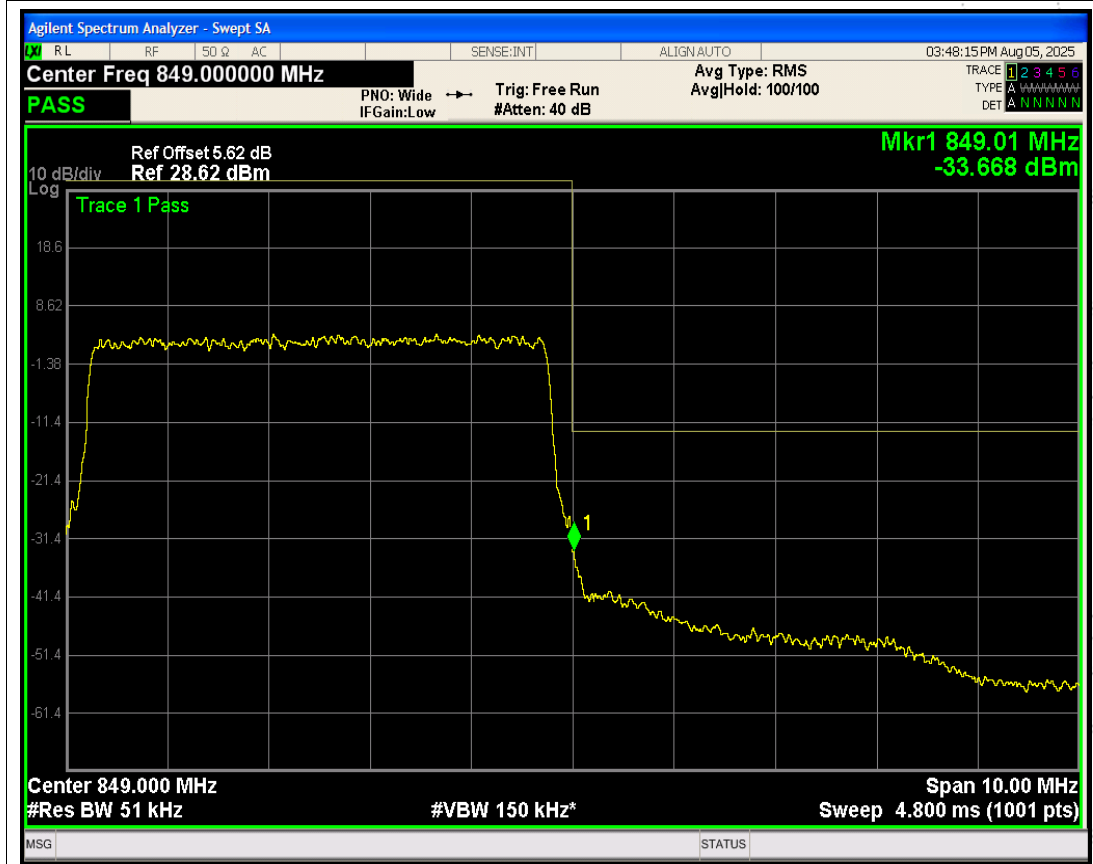
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT

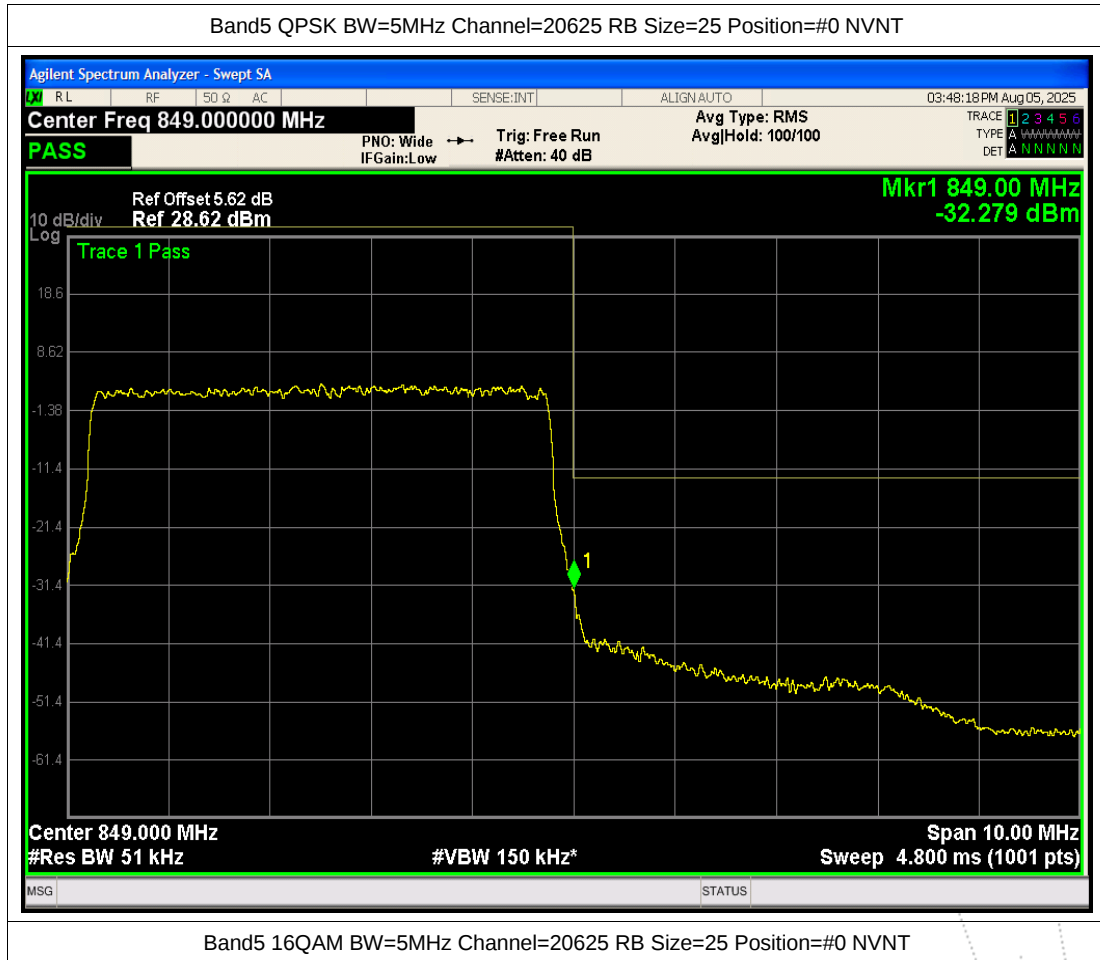


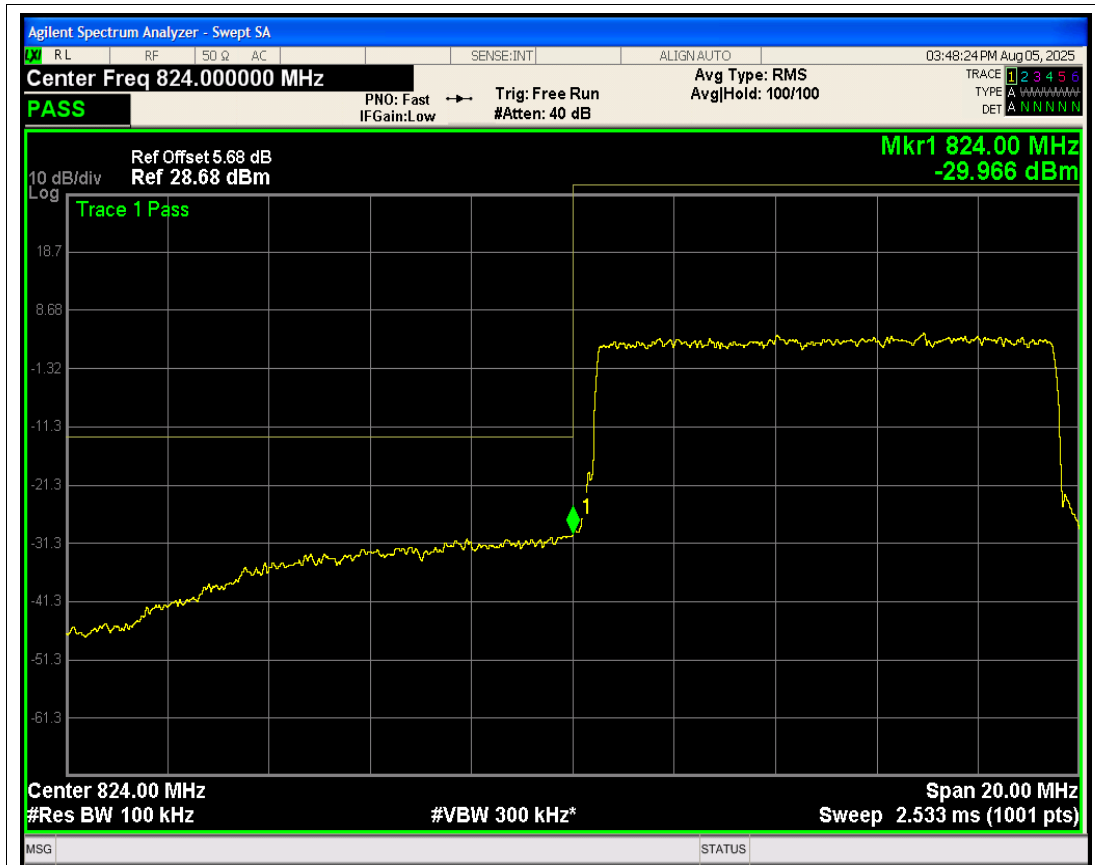




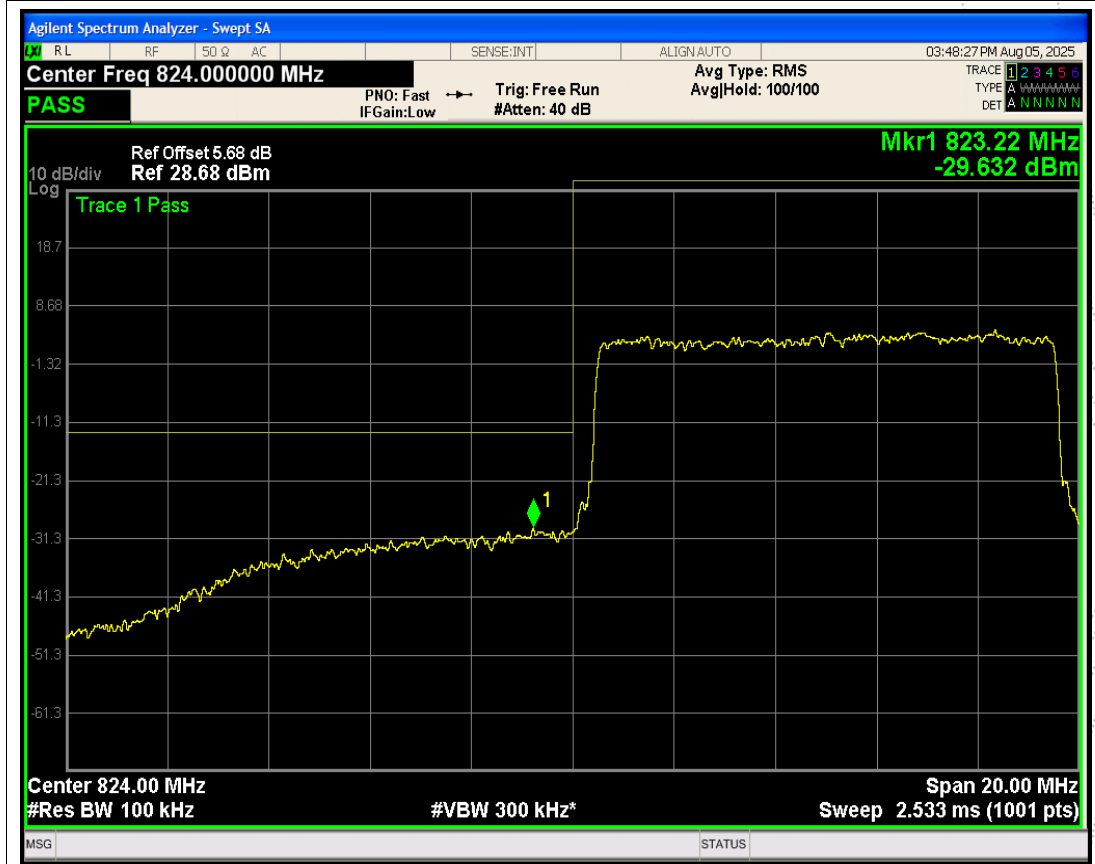
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

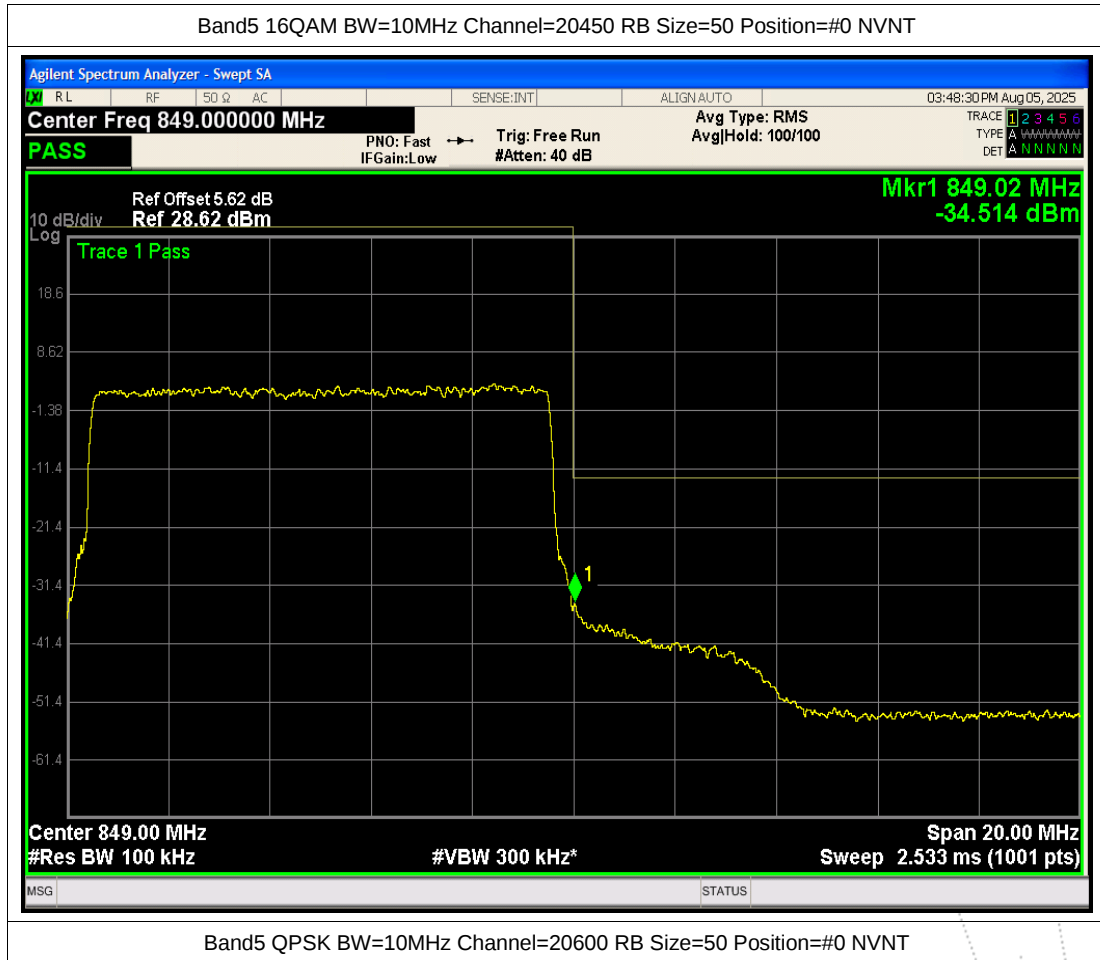


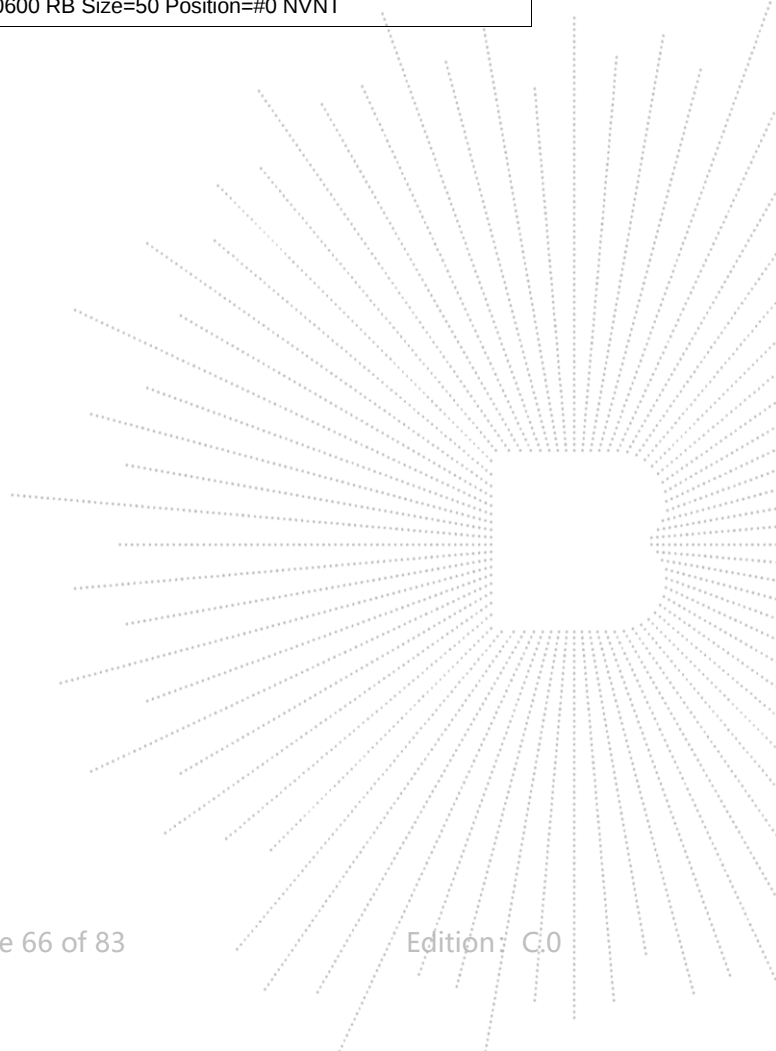
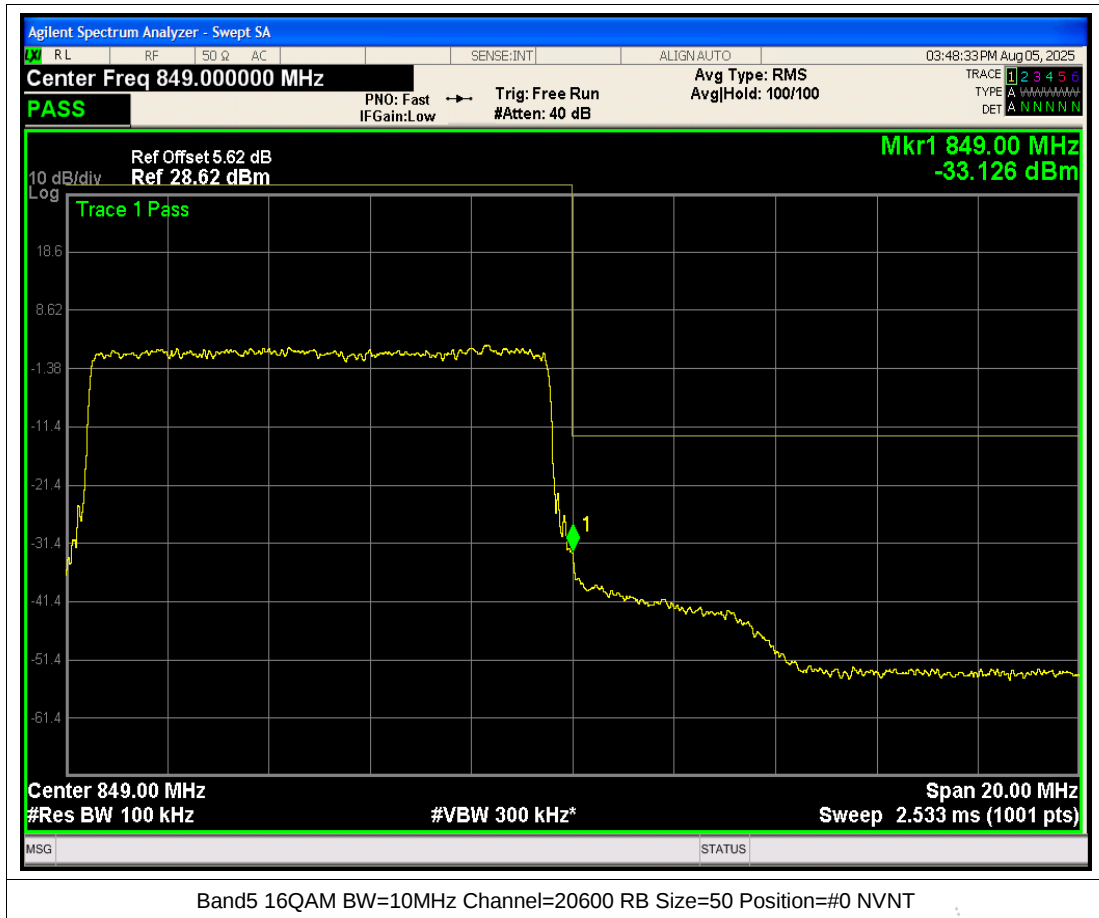




Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

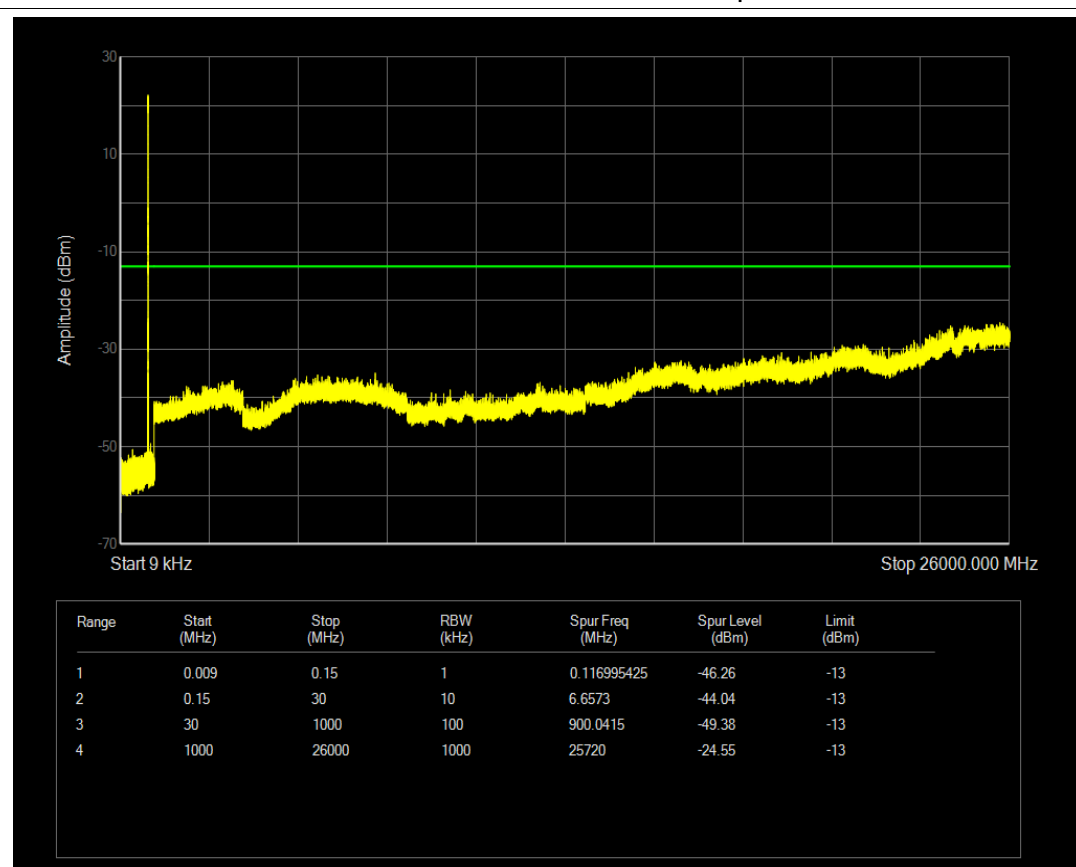




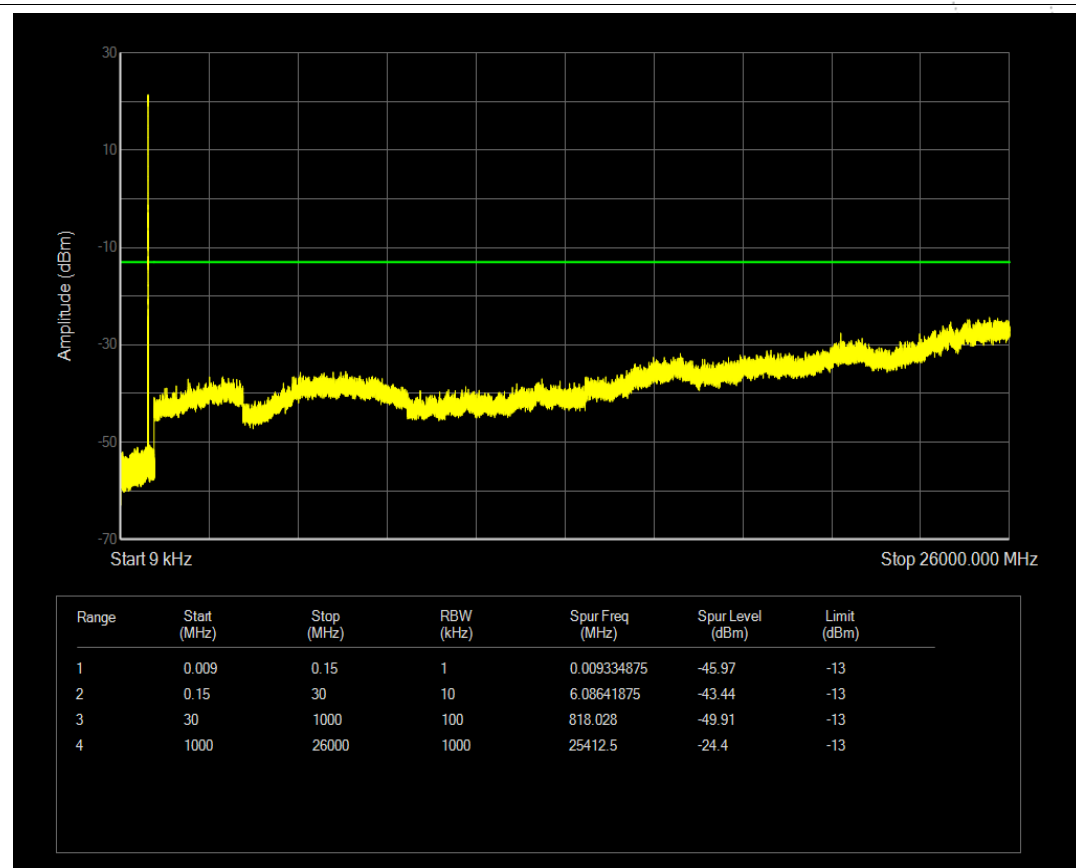


Appendix 6.Out-of-band emissions

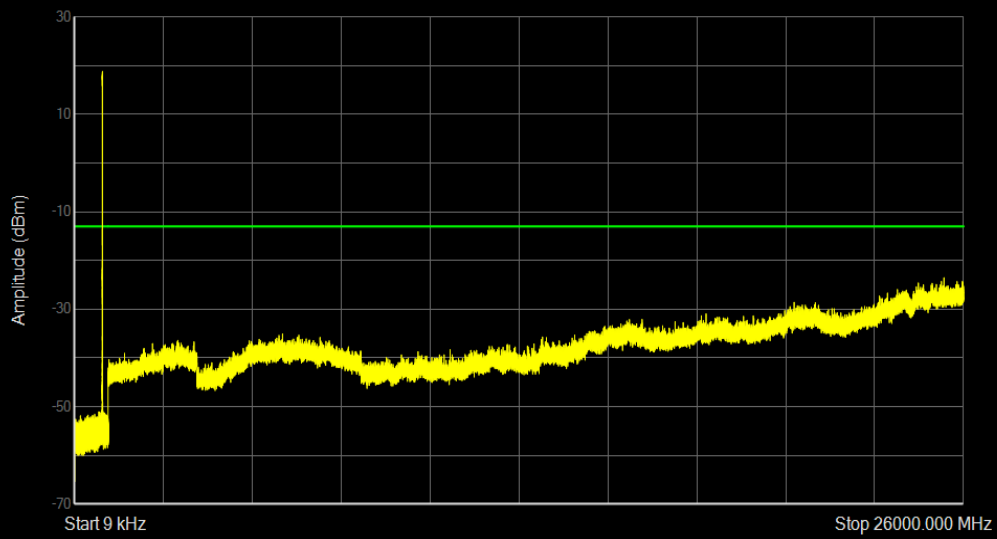
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band5	1.4	20407	6	#0	QPSK	25720.00	-24.55	-13	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	25412.50	-24.40	-13	PASS
NVNT	Band5	1.4	20525	6	#0	QPSK	25428.13	-23.53	-13	PASS
NVNT	Band5	1.4	20525	6	#0	16QAM	25971.88	-23.96	-13	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	25620.63	-23.77	-13	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	25415.00	-24.71	-13	PASS
NVNT	Band5	3	20415	15	#0	QPSK	25176.25	-24.19	-13	PASS
NVNT	Band5	3	20415	15	#0	16QAM	24784.38	-24.14	-13	PASS
NVNT	Band5	3	20525	15	#0	QPSK	25093.75	-23.89	-13	PASS
NVNT	Band5	3	20525	15	#0	16QAM	24806.25	-24.59	-13	PASS
NVNT	Band5	3	20635	15	#0	QPSK	25121.25	-24.42	-13	PASS
NVNT	Band5	3	20635	15	#0	16QAM	24736.25	-23.60	-13	PASS
NVNT	Band5	5	20425	25	#0	QPSK	25821.88	-23.83	-13	PASS
NVNT	Band5	5	20425	25	#0	16QAM	25953.75	-24.19	-13	PASS
NVNT	Band5	5	20525	25	#0	QPSK	25110.63	-24.46	-13	PASS
NVNT	Band5	5	20525	25	#0	16QAM	25836.88	-23.55	-13	PASS
NVNT	Band5	5	20625	25	#0	QPSK	25946.25	-23.70	-13	PASS
NVNT	Band5	5	20625	25	#0	16QAM	25666.25	-24.46	-13	PASS
NVNT	Band5	10	20450	50	#0	QPSK	25975.63	-23.75	-13	PASS
NVNT	Band5	10	20450	50	#0	16QAM	25393.75	-23.66	-13	PASS
NVNT	Band5	10	20525	50	#0	QPSK	25950.63	-24.40	-13	PASS
NVNT	Band5	10	20525	50	#0	16QAM	25797.50	-24.72	-13	PASS
NVNT	Band5	10	20600	50	#0	QPSK	25793.13	-24.28	-13	PASS
NVNT	Band5	10	20600	50	#0	16QAM	25980.63	-23.76	-13	PASS



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

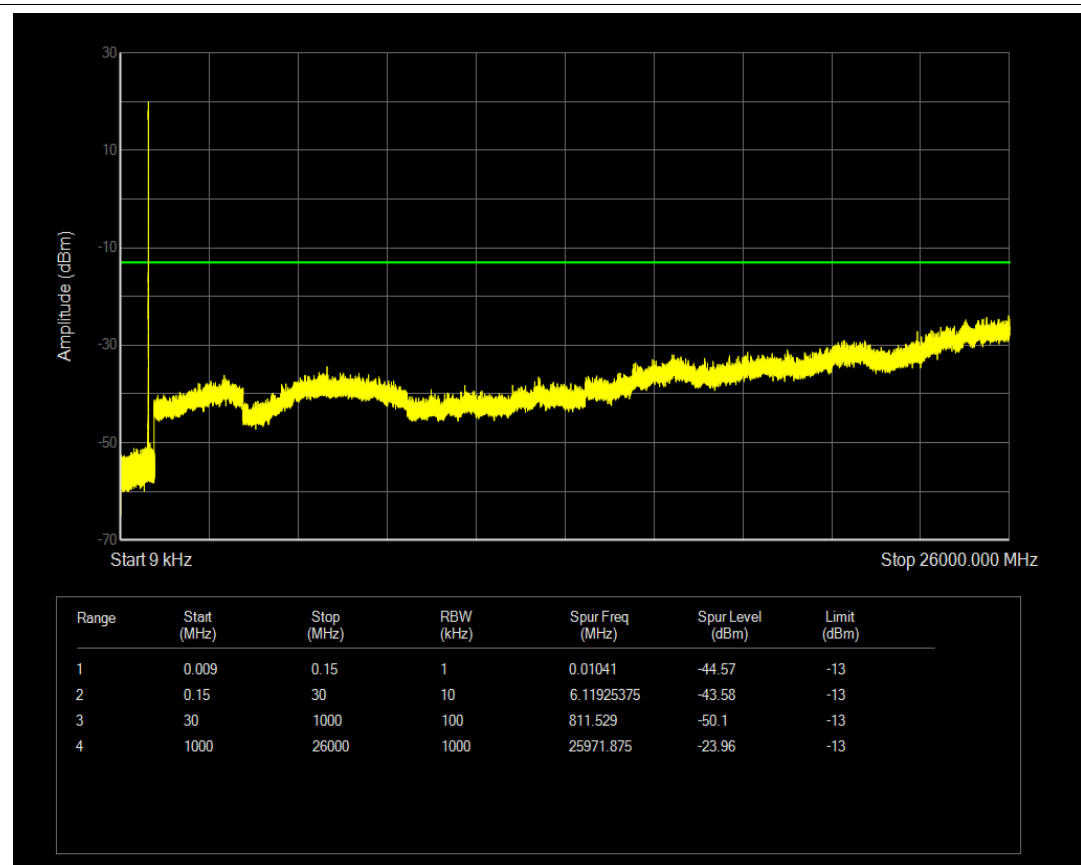


Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT

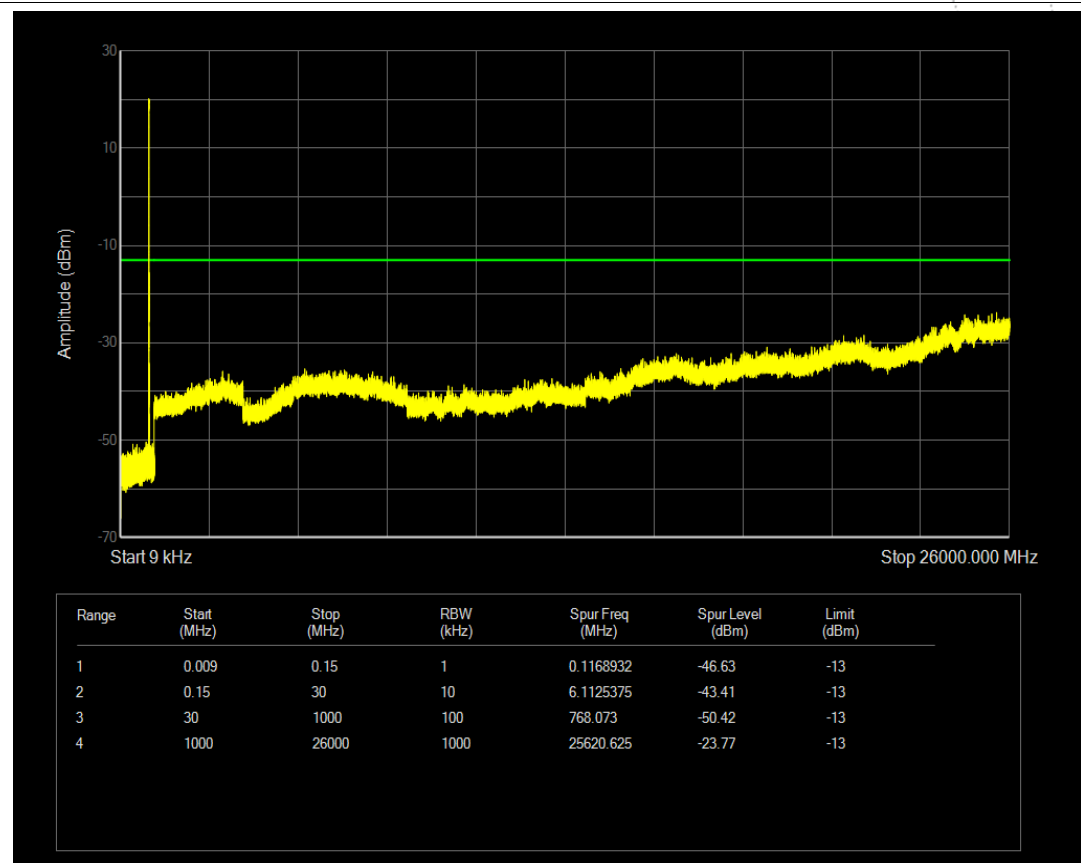


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11723865	-46.59	-13
2	0.15	30	10	6.69983625	-43.71	-13
3	30	1000	100	810.00125	-50.86	-13
4	1000	26000	1000	25428.125	-23.53	-13

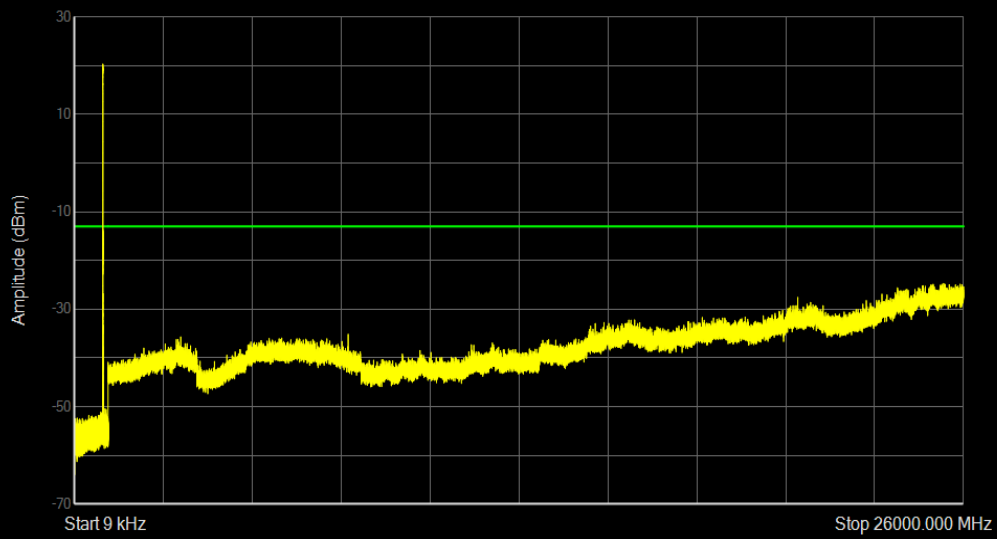
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT



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

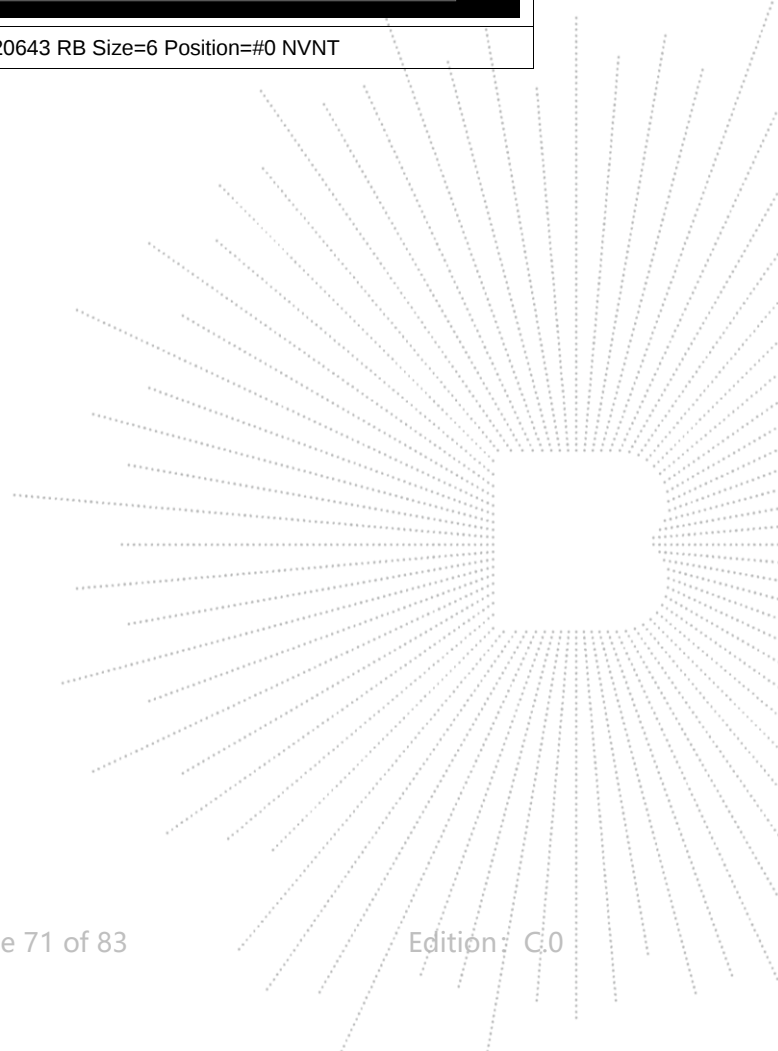


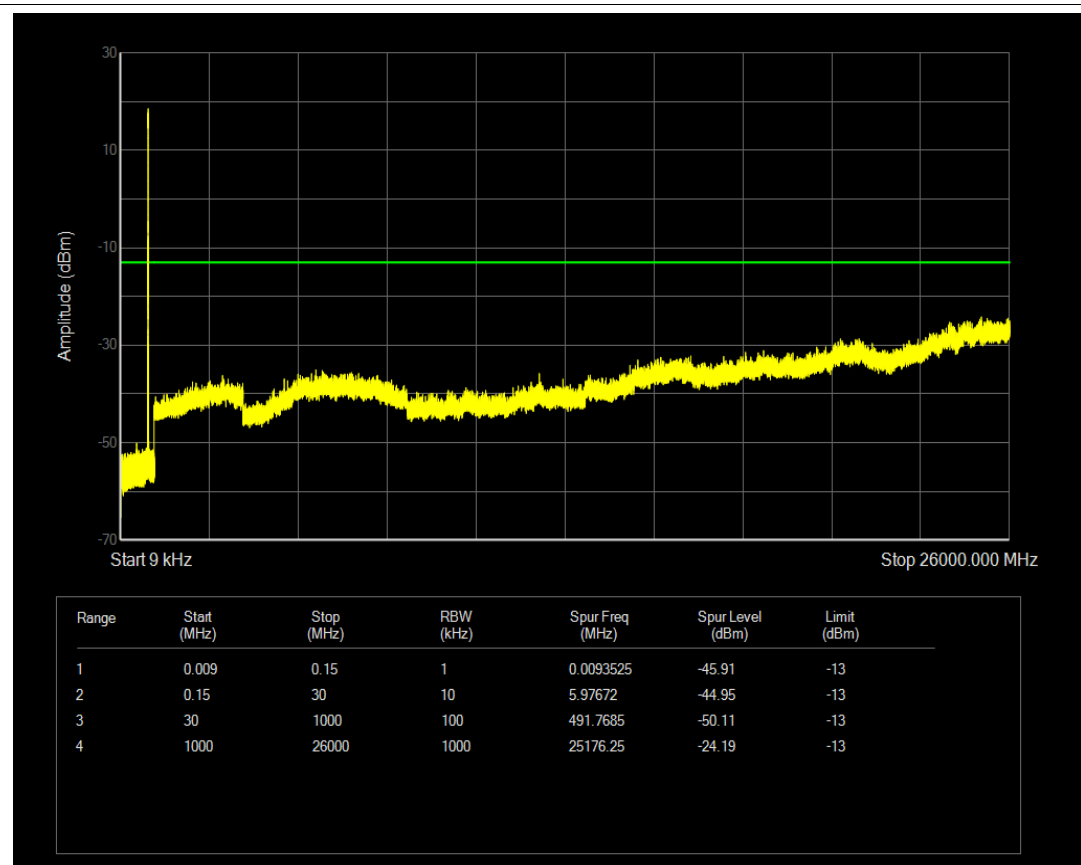
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT



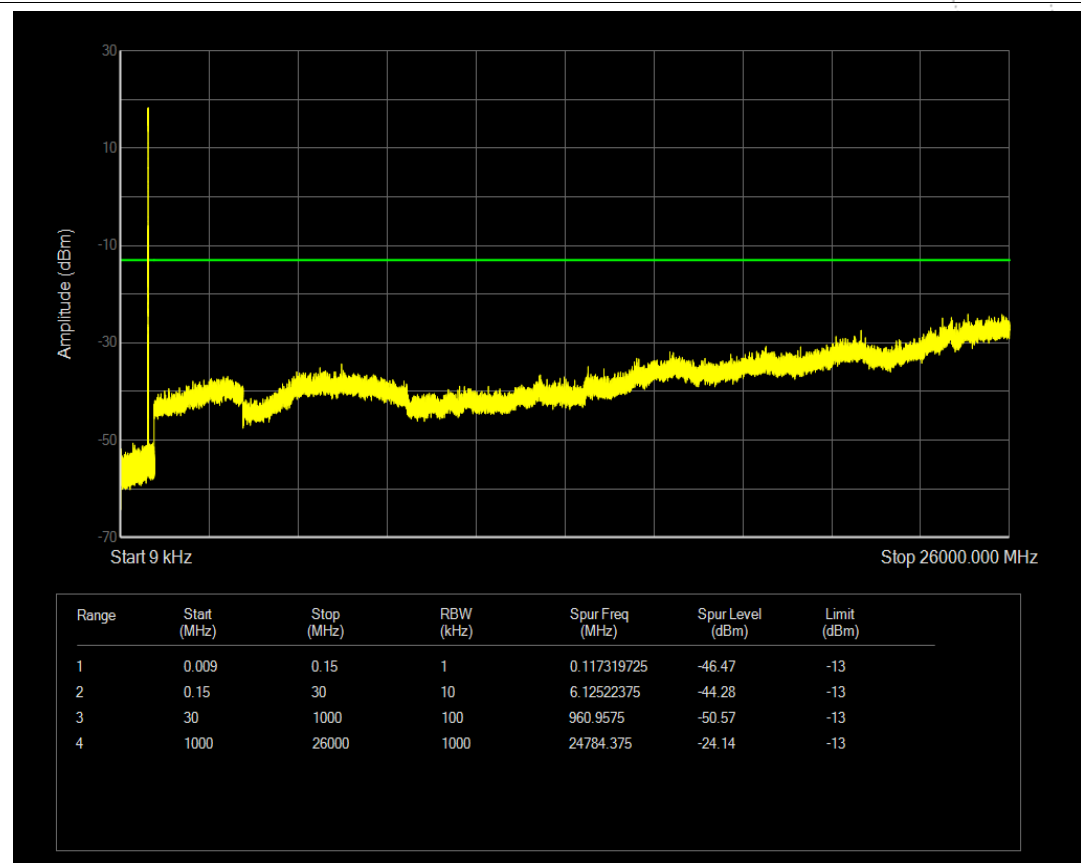
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.31	-13
2	0.15	30	10	6.08044875	-43.88	-13
3	30	1000	100	911.8755	-50.48	-13
4	1000	26000	1000	25415	-24.71	-13

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

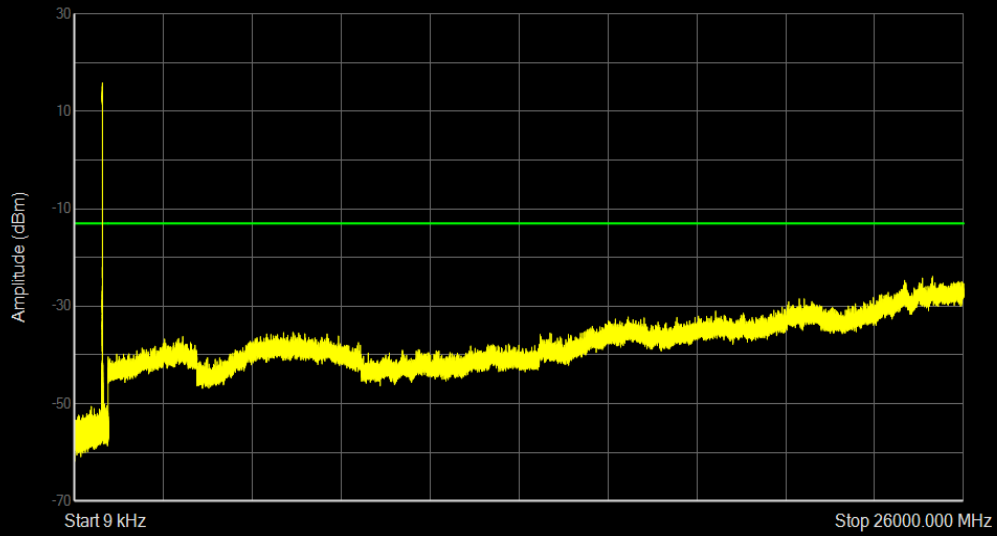




Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT

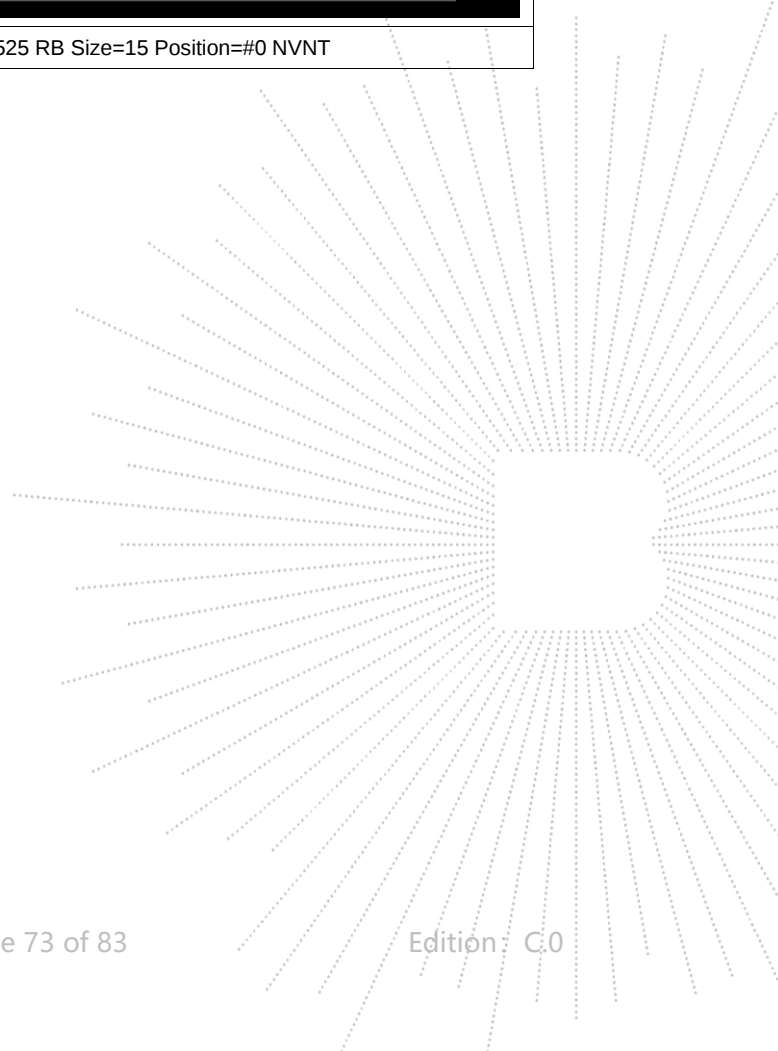


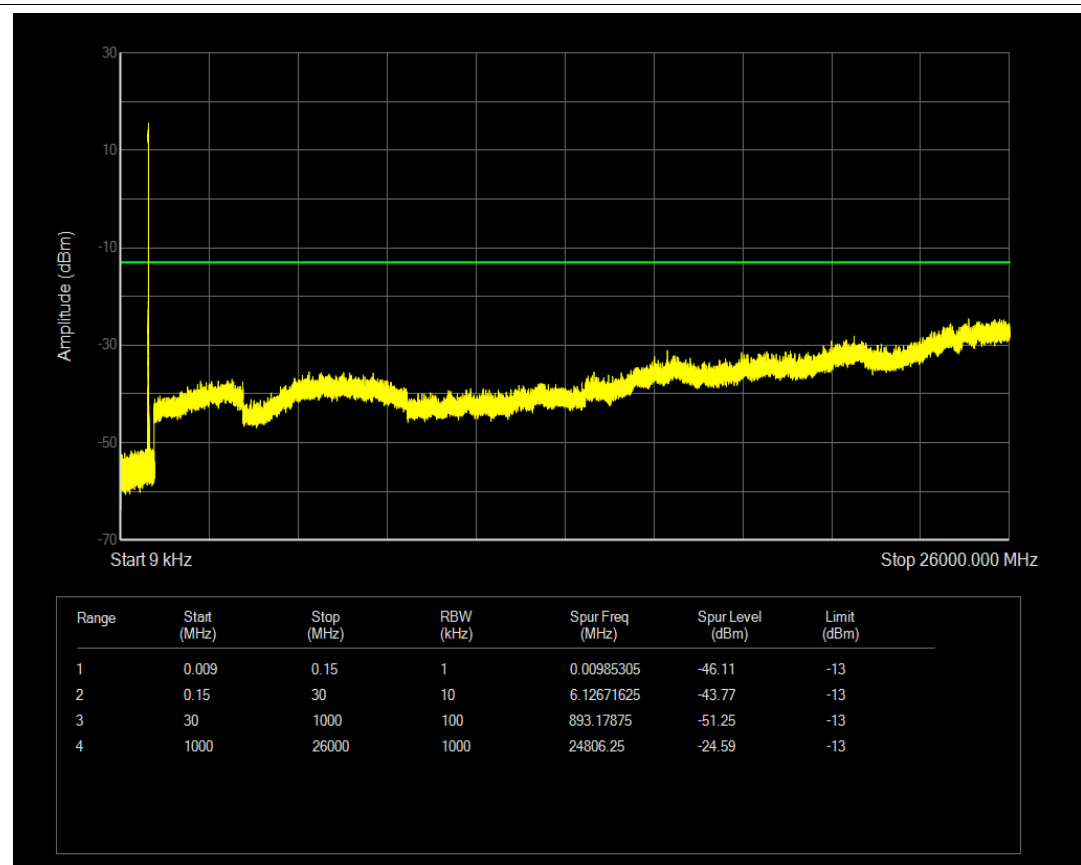
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT



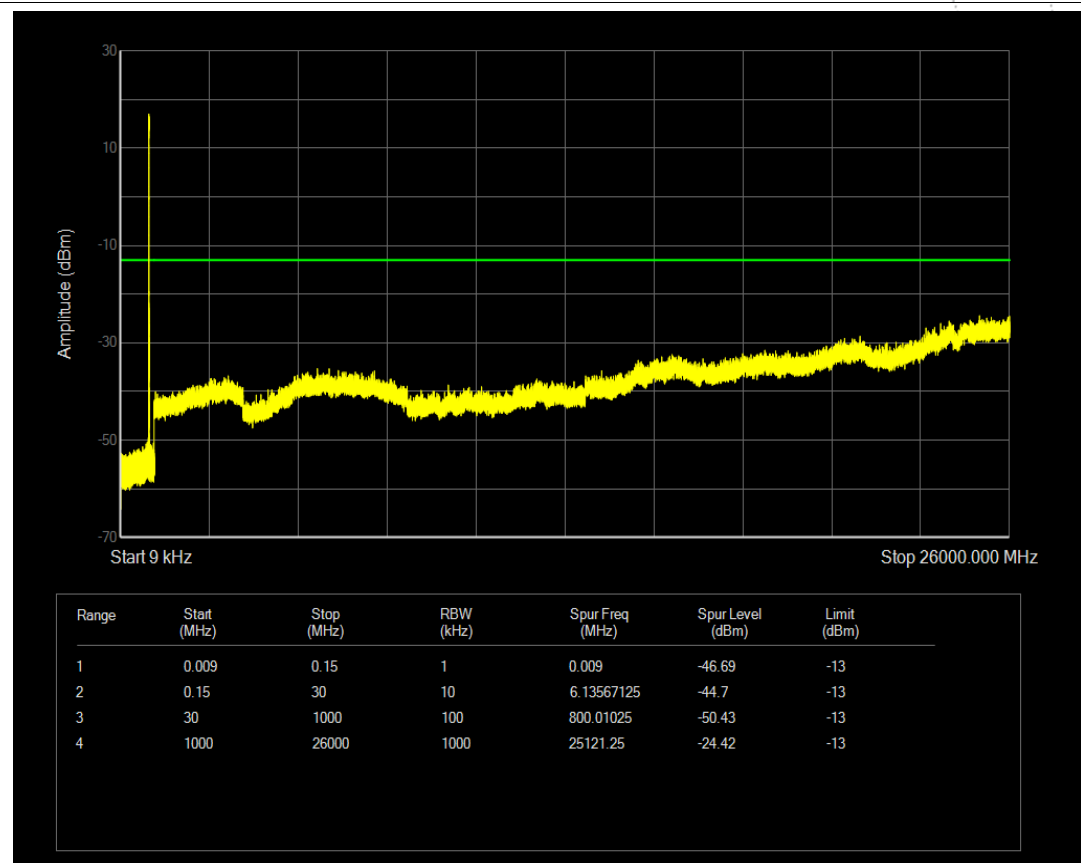
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.45	-13
2	0.15	30	10	6.12373125	-43.47	-13
3	30	1000	100	899.993	-50.1	-13
4	1000	26000	1000	25093.75	-23.89	-13

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

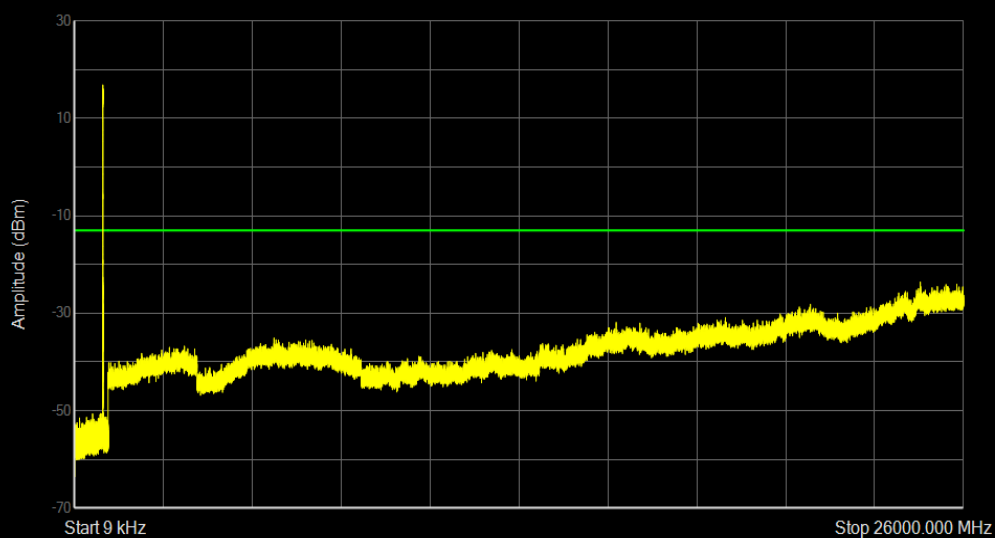




Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT

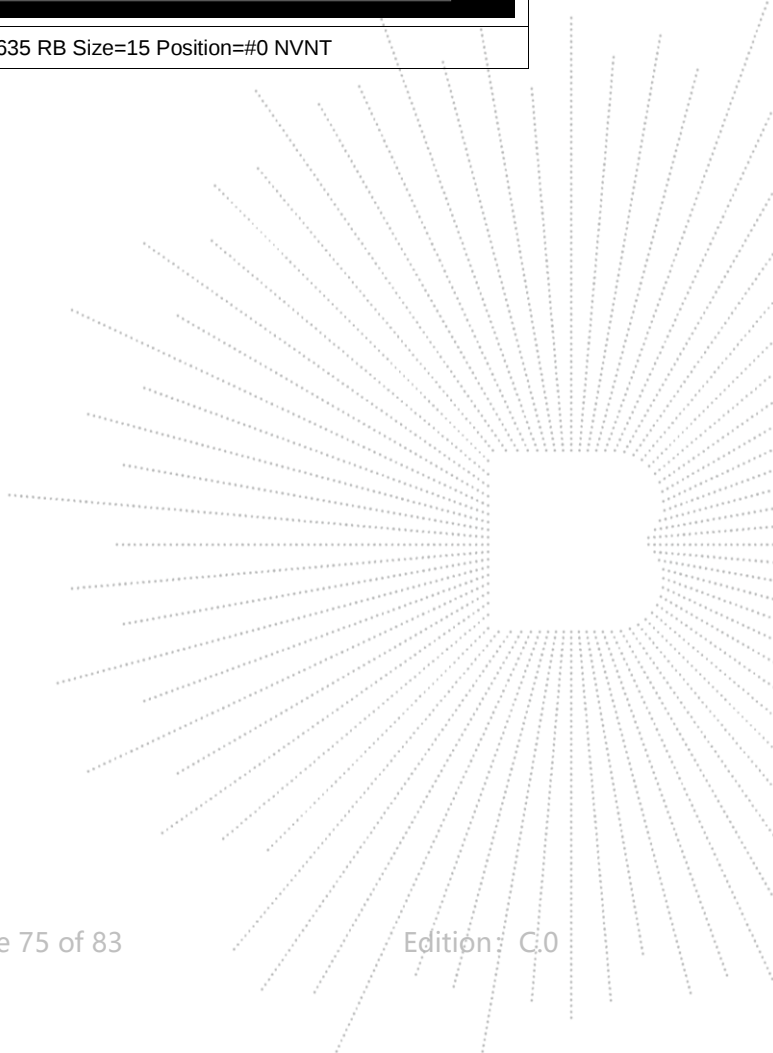


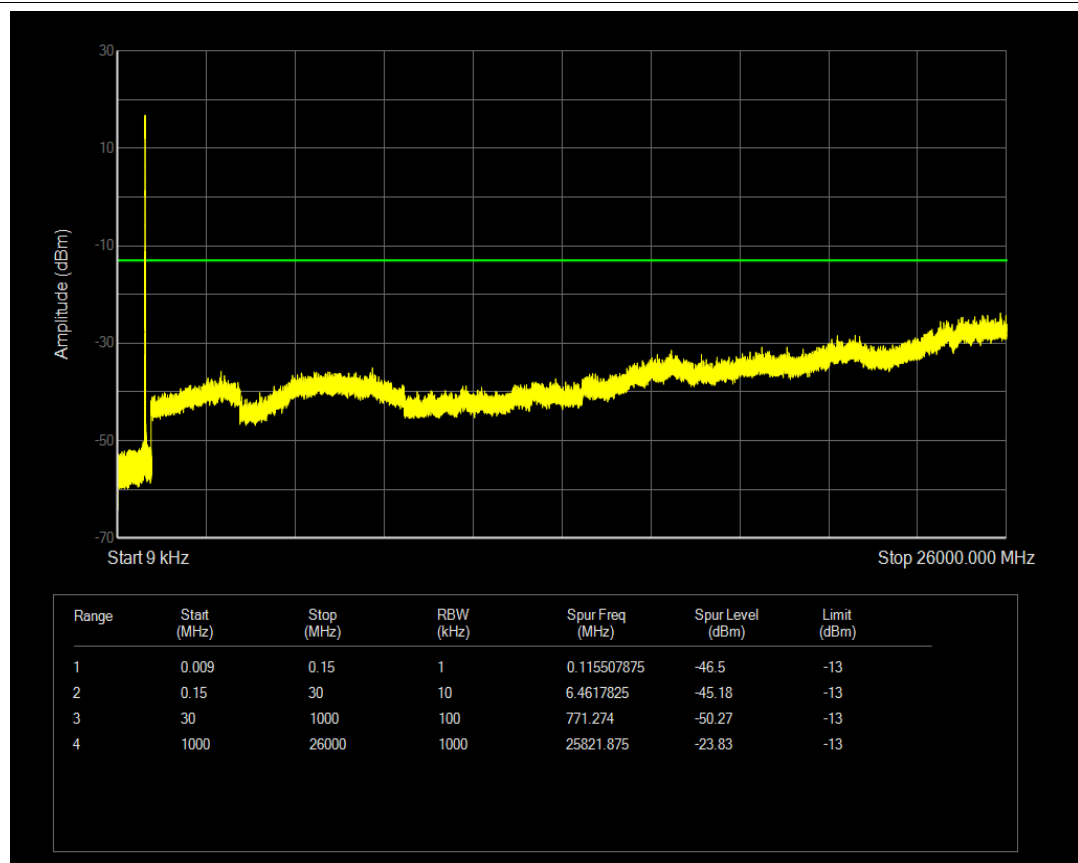
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT



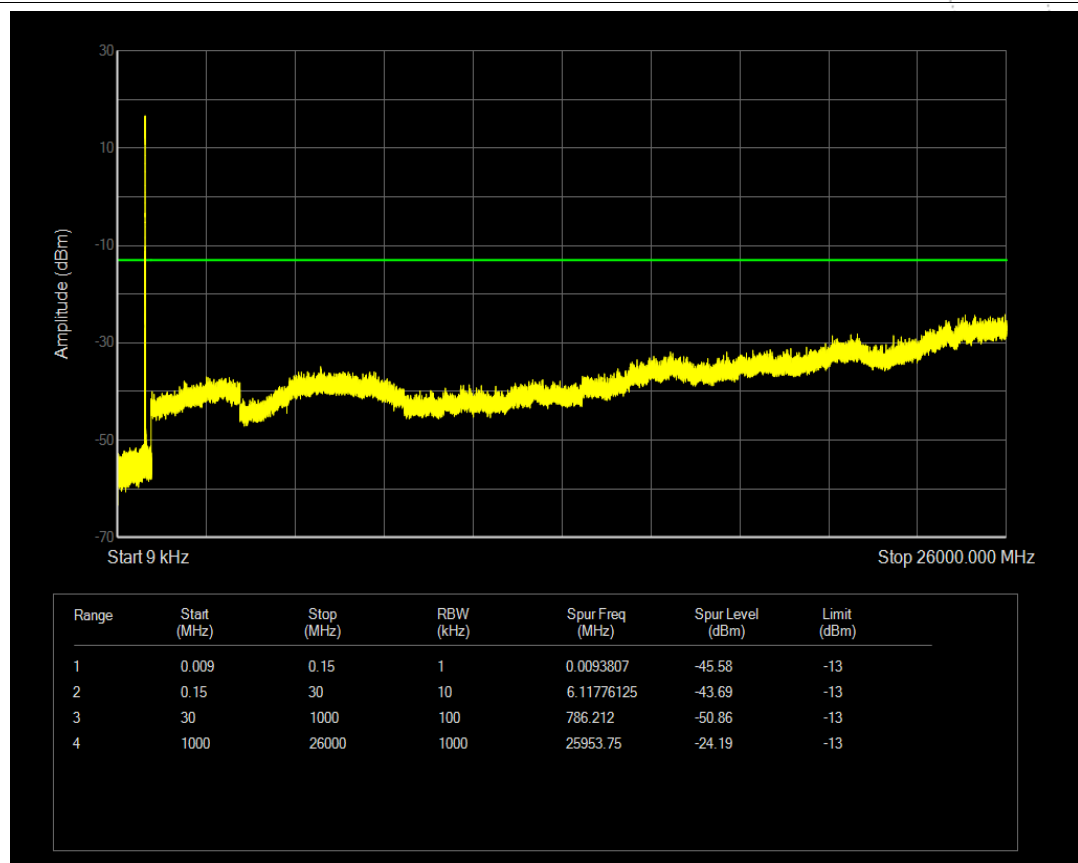
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.116699325	-46.16	-13
2	0.15	30	10	6.08641875	-44.73	-13
3	30	1000	100	783.37475	-50.6	-13
4	1000	26000	1000	24736.25	-23.6	-13

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

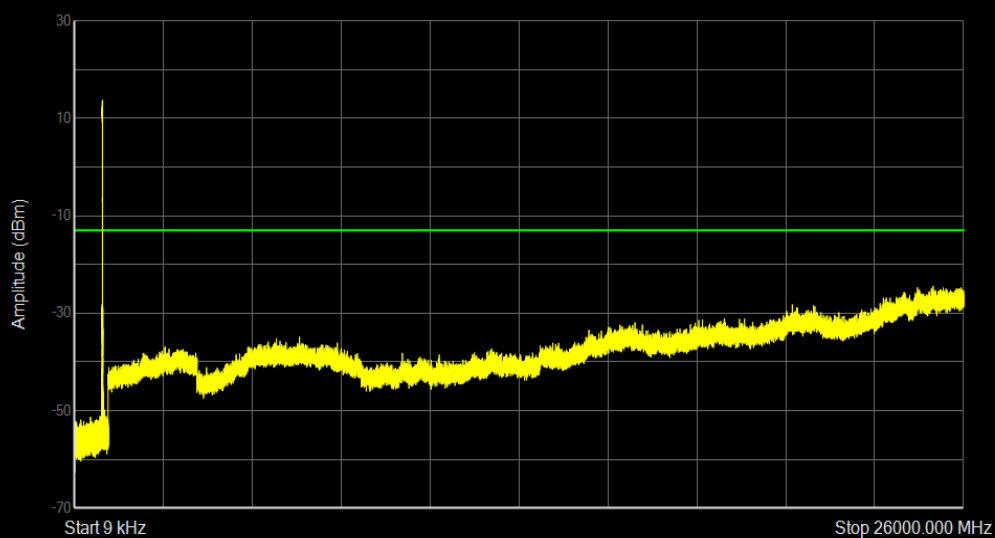




Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

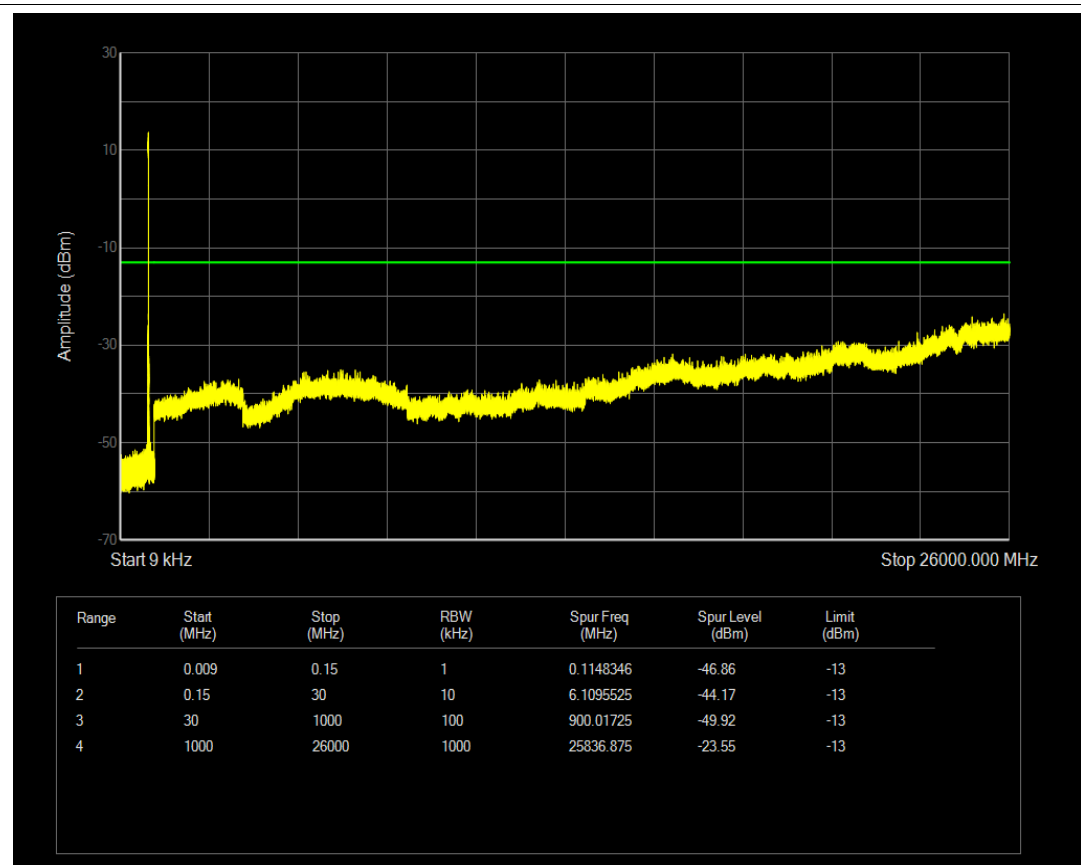


Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

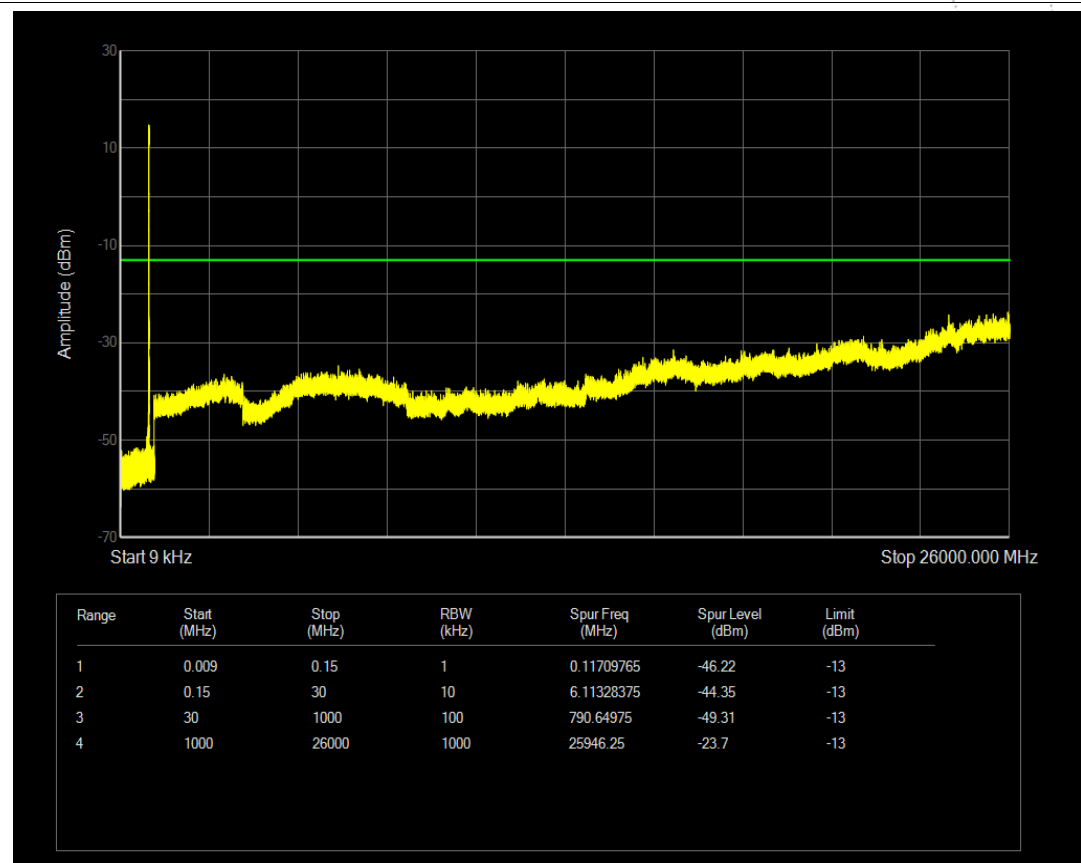


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009461775	-46.09	-13
2	0.15	30	10	6.0946275	-44.4	-13
3	30	1000	100	899.96875	-49.88	-13
4	1000	26000	1000	25110.625	-24.46	-13

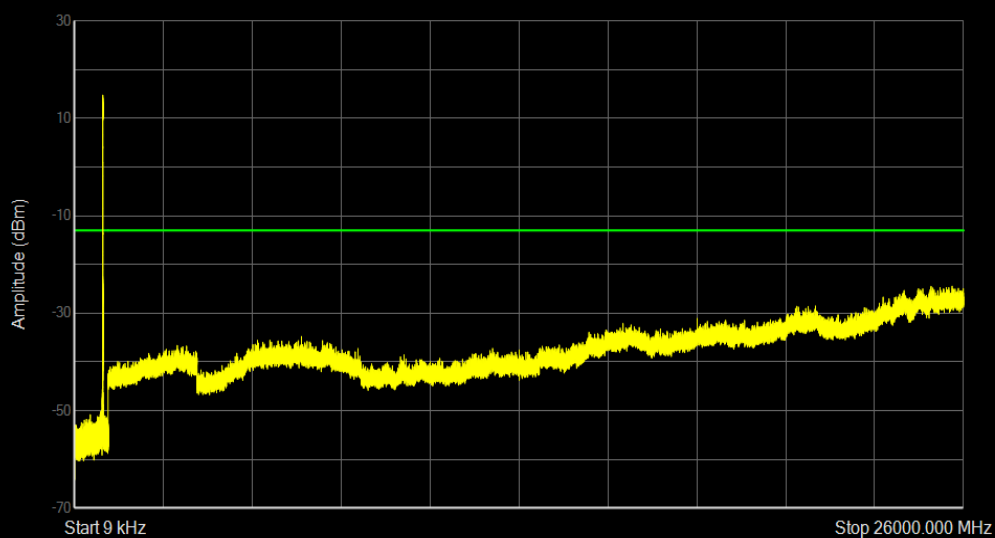
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT



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

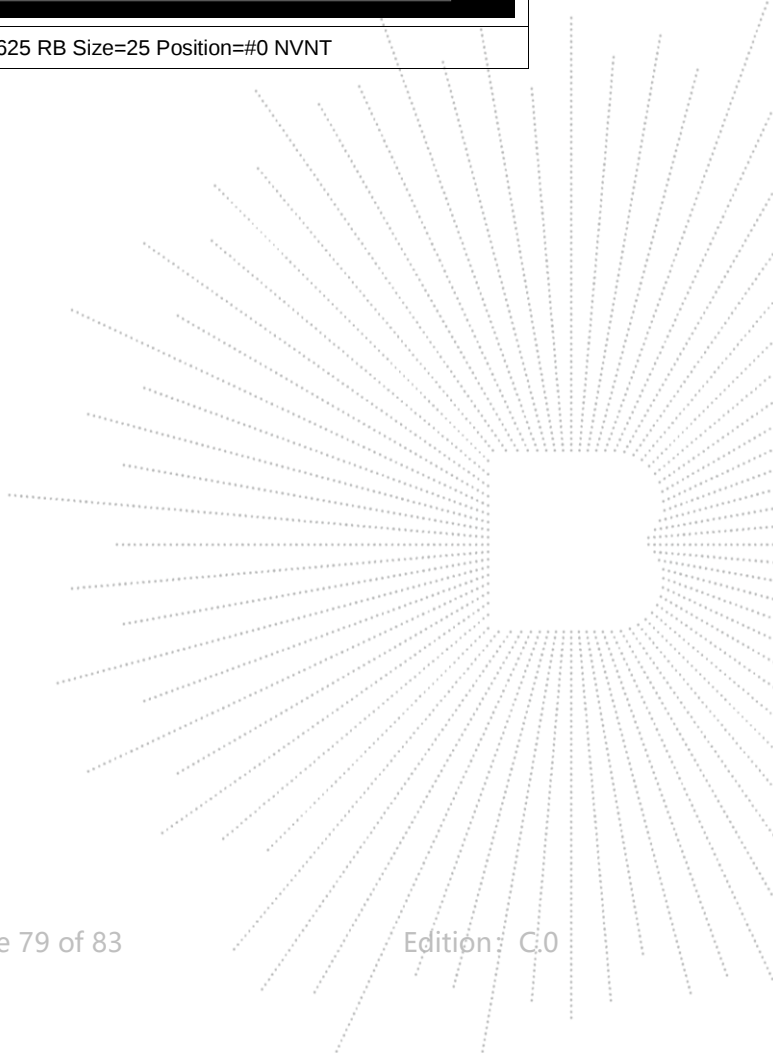


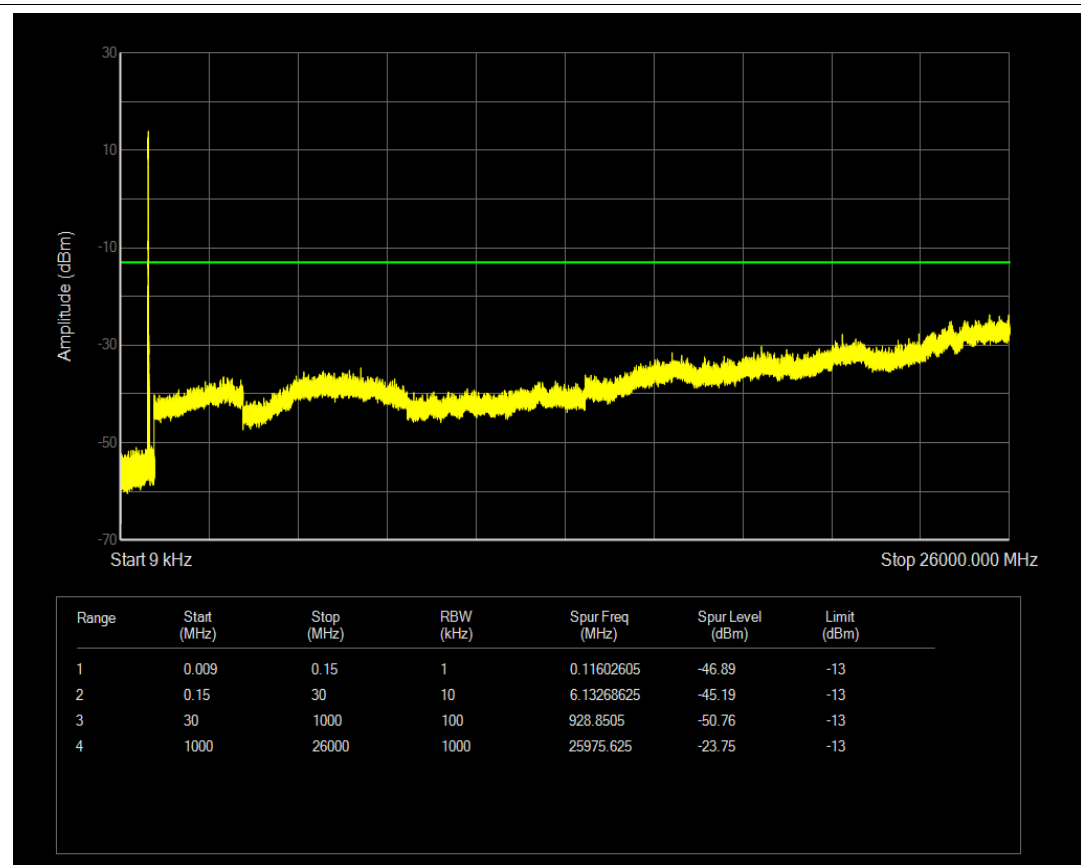
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0 NVNT



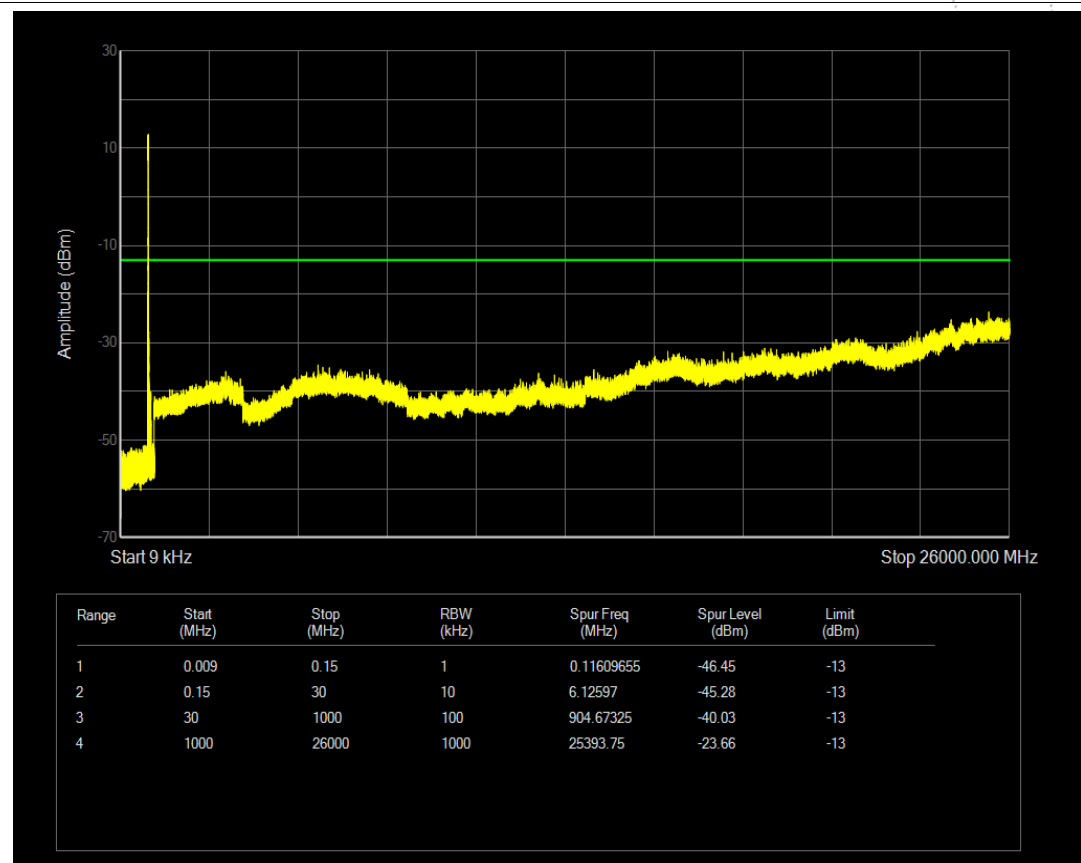
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.116177625	-46.68	-13
2	0.15	30	10	6.06627	-44.81	-13
3	30	1000	100	783.85975	-50.22	-13
4	1000	26000	1000	25666.25	-24.46	-13

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

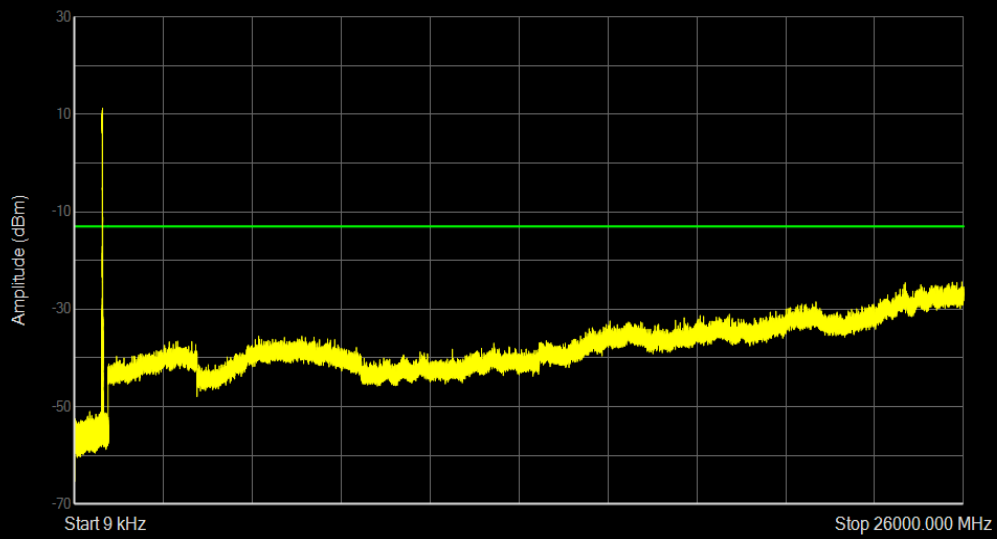




Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

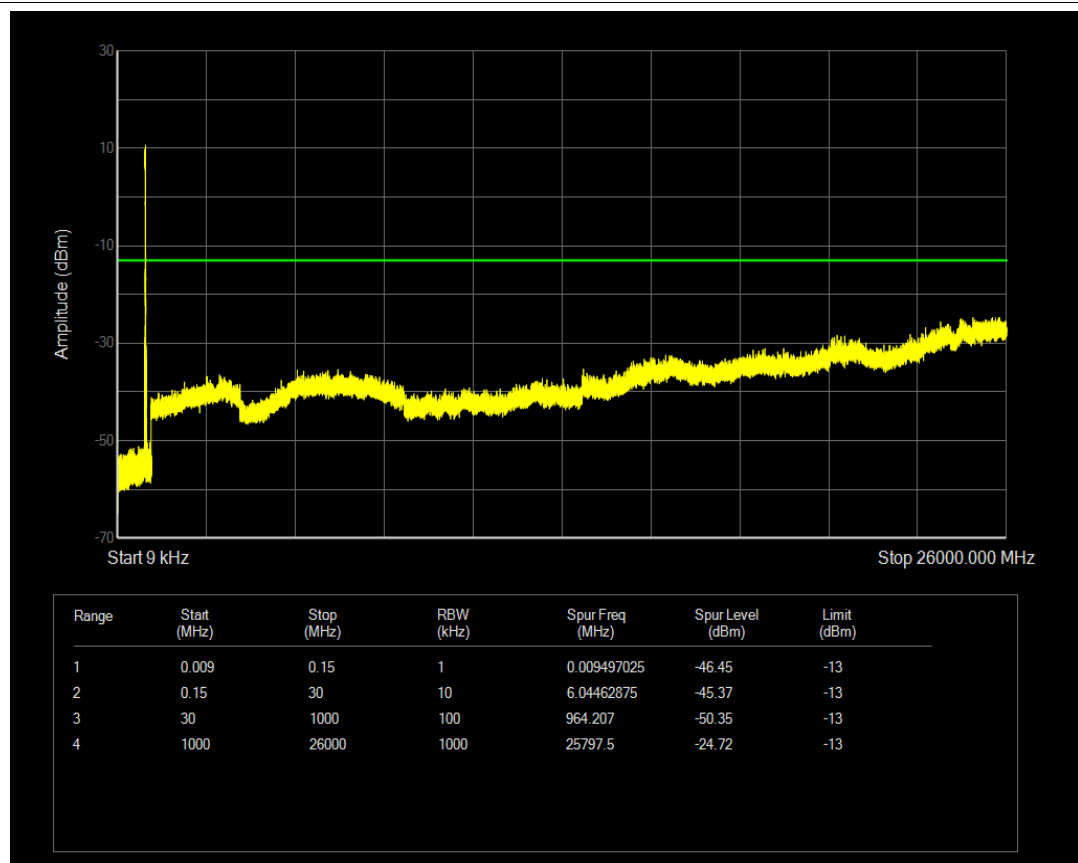


Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

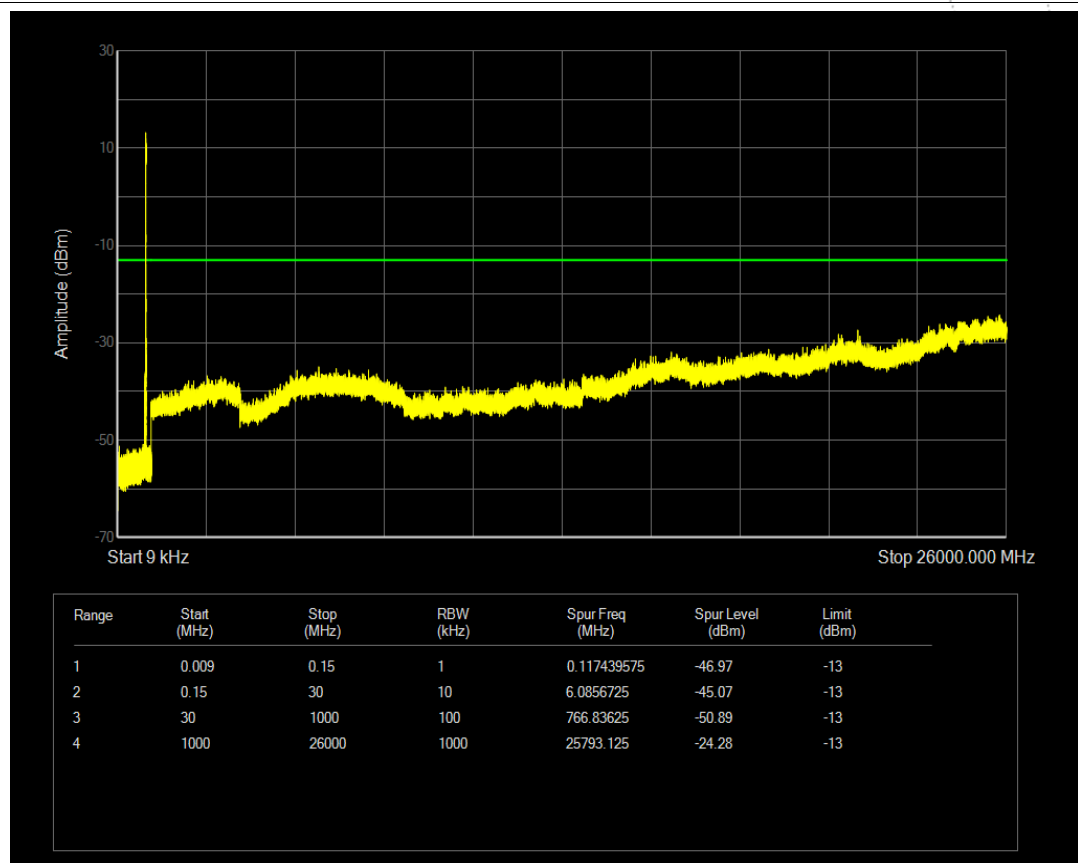


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009116325	-46.57	-13
2	0.15	30	10	6.12373125	-45.92	-13
3	30	1000	100	465.50575	-51.01	-13
4	1000	26000	1000	25950.625	-24.4	-13

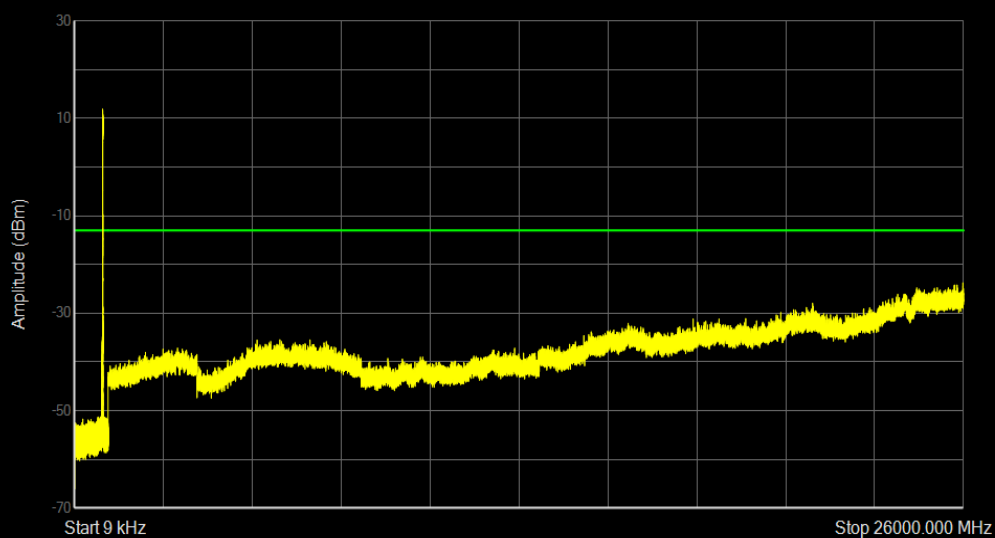
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0 NVNT



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	0.01054395	-46.75	-13
2	0.15	30	10	6.10582125	-44.66	-13
3	30	1000	100	783.7385	-51.28	-13
4	1000	26000	1000	25980.625	-23.76	-13

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

