

Appendix for Band 7

Report No.: BCTC2507499166-6E

Applicant: Shenzhen Qichang Intelligent Technology Co., Ltd

Product Name: Smart Phone

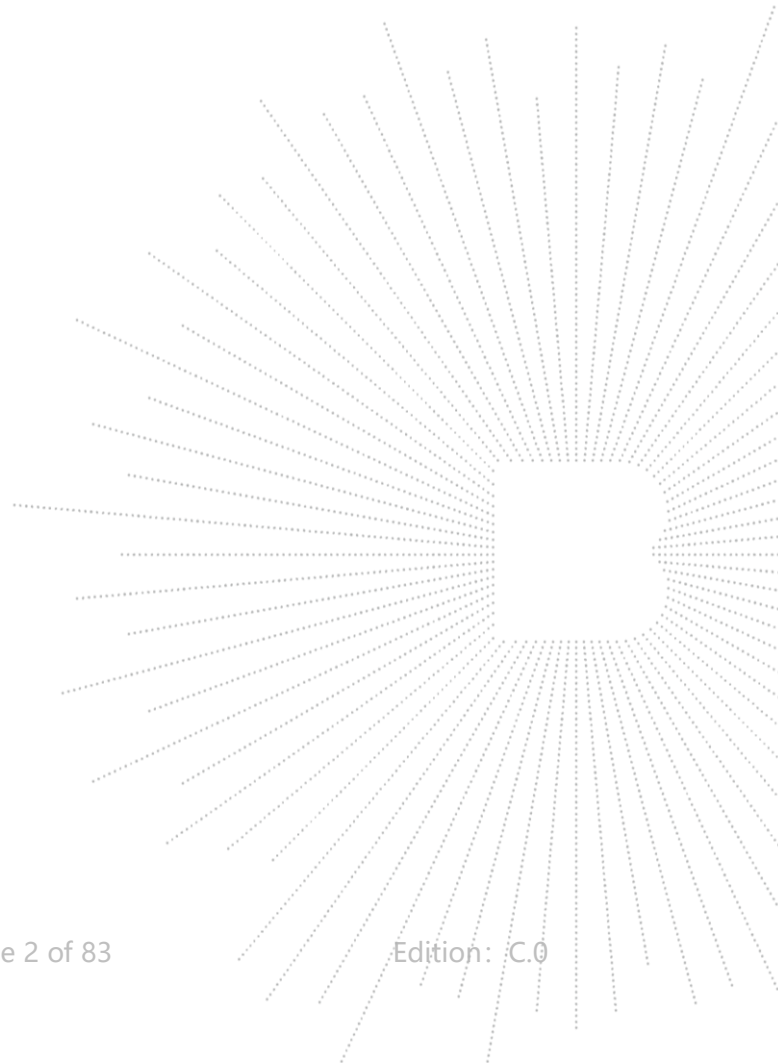
Test Model: F110L

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

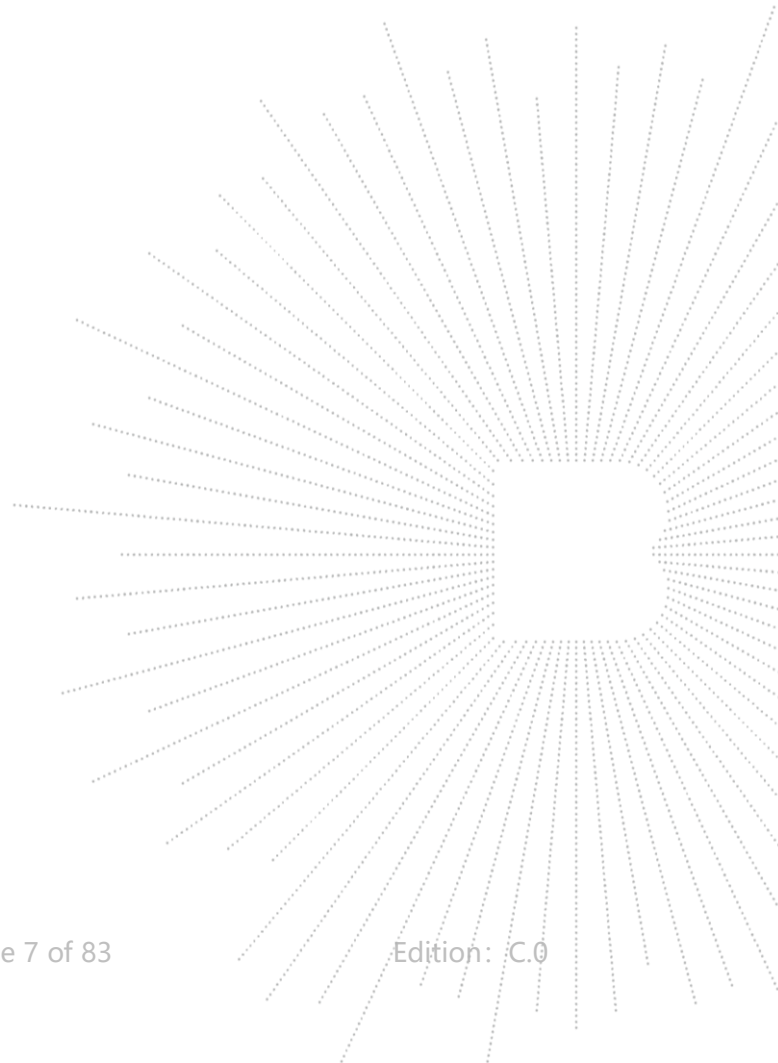
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
NVNT	Band7	5	20775	1	#0	QPSK	25.34	1.6	26.94	PASS
NVNT	Band7	5	20775	1	#Mid	QPSK	25.36	1.6	26.96	PASS
NVNT	Band7	5	20775	1	#Max	QPSK	25.36	1.6	26.96	PASS
NVNT	Band7	5	20775	12	#0	QPSK	24.62	1.6	26.22	PASS
NVNT	Band7	5	20775	12	#Mid	QPSK	24.50	1.6	26.10	PASS
NVNT	Band7	5	20775	12	#Max	QPSK	24.54	1.6	26.14	PASS
NVNT	Band7	5	20775	25	#0	QPSK	24.48	1.6	26.08	PASS
NVNT	Band7	5	20775	1	#0	16QAM	24.92	1.6	26.52	PASS
NVNT	Band7	5	20775	1	#Mid	16QAM	24.93	1.6	26.53	PASS
NVNT	Band7	5	20775	1	#Max	16QAM	24.94	1.6	26.54	PASS
NVNT	Band7	5	20775	12	#0	16QAM	23.62	1.6	25.22	PASS
NVNT	Band7	5	20775	12	#Mid	16QAM	23.49	1.6	25.09	PASS
NVNT	Band7	5	20775	12	#Max	16QAM	23.54	1.6	25.14	PASS
NVNT	Band7	5	20775	25	#0	16QAM	23.77	1.6	25.37	PASS
NVNT	Band7	5	21100	1	#0	QPSK	24.92	1.6	26.52	PASS
NVNT	Band7	5	21100	1	#Mid	QPSK	25.26	1.6	26.86	PASS
NVNT	Band7	5	21100	1	#Max	QPSK	25.07	1.6	26.67	PASS
NVNT	Band7	5	21100	12	#0	QPSK	24.45	1.6	26.05	PASS
NVNT	Band7	5	21100	12	#Mid	QPSK	24.41	1.6	26.01	PASS
NVNT	Band7	5	21100	12	#Max	QPSK	24.45	1.6	26.05	PASS
NVNT	Band7	5	21100	25	#0	QPSK	24.45	1.6	26.05	PASS
NVNT	Band7	5	21100	1	#0	16QAM	24.54	1.6	26.14	PASS
NVNT	Band7	5	21100	1	#Mid	16QAM	24.75	1.6	26.35	PASS
NVNT	Band7	5	21100	1	#Max	16QAM	24.73	1.6	26.33	PASS
NVNT	Band7	5	21100	12	#0	16QAM	23.54	1.6	25.14	PASS
NVNT	Band7	5	21100	12	#Mid	16QAM	23.49	1.6	25.09	PASS
NVNT	Band7	5	21100	12	#Max	16QAM	23.46	1.6	25.06	PASS
NVNT	Band7	5	21100	25	#0	16QAM	23.69	1.6	25.29	PASS
NVNT	Band7	5	21425	1	#0	QPSK	24.97	1.6	26.57	PASS
NVNT	Band7	5	21425	1	#Mid	QPSK	24.86	1.6	26.46	PASS
NVNT	Band7	5	21425	1	#Max	QPSK	24.75	1.6	26.35	PASS
NVNT	Band7	5	21425	12	#0	QPSK	23.93	1.6	25.53	PASS
NVNT	Band7	5	21425	12	#Mid	QPSK	24.02	1.6	25.62	PASS
NVNT	Band7	5	21425	12	#Max	QPSK	23.90	1.6	25.50	PASS
NVNT	Band7	5	21425	25	#0	QPSK	23.92	1.6	25.52	PASS

NVNT	Band7	5	21425	1	#0	16QAM	24.56	1.6	26.16	PASS
NVNT	Band7	5	21425	1	#Mid	16QAM	24.47	1.6	26.07	PASS
NVNT	Band7	5	21425	1	#Max	16QAM	24.40	1.6	26.00	PASS
NVNT	Band7	5	21425	12	#0	16QAM	23.12	1.6	24.72	PASS
NVNT	Band7	5	21425	12	#Mid	16QAM	23.09	1.6	24.69	PASS
NVNT	Band7	5	21425	12	#Max	16QAM	23.10	1.6	24.70	PASS
NVNT	Band7	5	21425	25	#0	16QAM	23.06	1.6	24.66	PASS
NVNT	Band7	10	20800	1	#0	QPSK	25.30	1.6	26.90	PASS
NVNT	Band7	10	20800	1	#Mid	QPSK	25.35	1.6	26.95	PASS
NVNT	Band7	10	20800	1	#Max	QPSK	25.42	1.6	27.02	PASS
NVNT	Band7	10	20800	25	#0	QPSK	24.45	1.6	26.05	PASS
NVNT	Band7	10	20800	25	#Mid	QPSK	24.45	1.6	26.05	PASS
NVNT	Band7	10	20800	25	#Max	QPSK	24.51	1.6	26.11	PASS
NVNT	Band7	10	20800	50	#0	QPSK	24.56	1.6	26.16	PASS
NVNT	Band7	10	20800	1	#0	16QAM	25.39	1.6	26.99	PASS
NVNT	Band7	10	20800	1	#Mid	16QAM	25.97	1.6	27.57	PASS
NVNT	Band7	10	20800	1	#Max	16QAM	26.08	1.6	27.68	PASS
NVNT	Band7	10	20800	25	#0	16QAM	23.75	1.6	25.35	PASS
NVNT	Band7	10	20800	25	#Mid	16QAM	23.79	1.6	25.39	PASS
NVNT	Band7	10	20800	25	#Max	16QAM	23.76	1.6	25.36	PASS
NVNT	Band7	10	20800	50	#0	16QAM	23.76	1.6	25.36	PASS
NVNT	Band7	10	21100	1	#0	QPSK	24.64	1.6	26.24	PASS
NVNT	Band7	10	21100	1	#Mid	QPSK	24.96	1.6	26.56	PASS
NVNT	Band7	10	21100	1	#Max	QPSK	25.30	1.6	26.90	PASS
NVNT	Band7	10	21100	25	#0	QPSK	24.51	1.6	26.11	PASS
NVNT	Band7	10	21100	25	#Mid	QPSK	24.44	1.6	26.04	PASS
NVNT	Band7	10	21100	25	#Max	QPSK	24.47	1.6	26.07	PASS
NVNT	Band7	10	21100	50	#0	QPSK	24.56	1.6	26.16	PASS
NVNT	Band7	10	21100	1	#0	16QAM	24.24	1.6	25.84	PASS
NVNT	Band7	10	21100	1	#Mid	16QAM	24.58	1.6	26.18	PASS
NVNT	Band7	10	21100	1	#Max	16QAM	25.02	1.6	26.62	PASS
NVNT	Band7	10	21100	25	#0	16QAM	23.68	1.6	25.28	PASS
NVNT	Band7	10	21100	25	#Mid	16QAM	23.71	1.6	25.31	PASS
NVNT	Band7	10	21100	25	#Max	16QAM	23.65	1.6	25.25	PASS
NVNT	Band7	10	21100	50	#0	16QAM	23.71	1.6	25.31	PASS
NVNT	Band7	10	21400	1	#0	QPSK	25.20	1.6	26.80	PASS
NVNT	Band7	10	21400	1	#Mid	QPSK	25.09	1.6	26.69	PASS
NVNT	Band7	10	21400	1	#Max	QPSK	24.91	1.6	26.51	PASS
NVNT	Band7	10	21400	25	#0	QPSK	24.20	1.6	25.80	PASS
NVNT	Band7	10	21400	25	#Mid	QPSK	24.09	1.6	25.69	PASS
NVNT	Band7	10	21400	25	#Max	QPSK	23.89	1.6	25.49	PASS
NVNT	Band7	10	21400	50	#0	QPSK	24.05	1.6	25.65	PASS

NVNT	Band7	10	21400	1	#0	16QAM	24.79	1.6	26.39	PASS
NVNT	Band7	10	21400	1	#Mid	16QAM	24.52	1.6	26.12	PASS
NVNT	Band7	10	21400	1	#Max	16QAM	24.38	1.6	25.98	PASS
NVNT	Band7	10	21400	25	#0	16QAM	23.32	1.6	24.92	PASS
NVNT	Band7	10	21400	25	#Mid	16QAM	23.19	1.6	24.79	PASS
NVNT	Band7	10	21400	25	#Max	16QAM	23.13	1.6	24.73	PASS
NVNT	Band7	10	21400	50	#0	16QAM	23.14	1.6	24.74	PASS
NVNT	Band7	15	20825	1	#0	QPSK	25.25	1.6	26.85	PASS
NVNT	Band7	15	20825	1	#Mid	QPSK	25.31	1.6	26.91	PASS
NVNT	Band7	15	20825	1	#Max	QPSK	25.37	1.6	26.97	PASS
NVNT	Band7	15	20825	36	#0	QPSK	24.51	1.6	26.11	PASS
NVNT	Band7	15	20825	36	#Mid	QPSK	24.52	1.6	26.12	PASS
NVNT	Band7	15	20825	36	#Max	QPSK	24.44	1.6	26.04	PASS
NVNT	Band7	15	20825	75	#0	QPSK	24.43	1.6	26.03	PASS
NVNT	Band7	15	20825	1	#0	16QAM	25.40	1.6	27.00	PASS
NVNT	Band7	15	20825	1	#Mid	16QAM	26.00	1.6	27.60	PASS
NVNT	Band7	15	20825	1	#Max	16QAM	25.82	1.6	27.42	PASS
NVNT	Band7	15	20825	36	#0	16QAM	23.72	1.6	25.32	PASS
NVNT	Band7	15	20825	36	#Mid	16QAM	23.79	1.6	25.39	PASS
NVNT	Band7	15	20825	36	#Max	16QAM	23.79	1.6	25.39	PASS
NVNT	Band7	15	20825	75	#0	16QAM	23.74	1.6	25.34	PASS
NVNT	Band7	15	21100	1	#0	QPSK	24.61	1.6	26.21	PASS
NVNT	Band7	15	21100	1	#Mid	QPSK	24.80	1.6	26.40	PASS
NVNT	Band7	15	21100	1	#Max	QPSK	25.33	1.6	26.93	PASS
NVNT	Band7	15	21100	36	#0	QPSK	24.44	1.6	26.04	PASS
NVNT	Band7	15	21100	36	#Mid	QPSK	24.43	1.6	26.03	PASS
NVNT	Band7	15	21100	36	#Max	QPSK	24.46	1.6	26.06	PASS
NVNT	Band7	15	21100	75	#0	QPSK	24.36	1.6	25.96	PASS
NVNT	Band7	15	21100	1	#0	16QAM	24.22	1.6	25.82	PASS
NVNT	Band7	15	21100	1	#Mid	16QAM	24.43	1.6	26.03	PASS
NVNT	Band7	15	21100	1	#Max	16QAM	24.71	1.6	26.31	PASS
NVNT	Band7	15	21100	36	#0	16QAM	23.22	1.6	24.82	PASS
NVNT	Band7	15	21100	36	#Mid	16QAM	23.28	1.6	24.88	PASS
NVNT	Band7	15	21100	36	#Max	16QAM	23.31	1.6	24.91	PASS
NVNT	Band7	15	21100	75	#0	16QAM	23.16	1.6	24.76	PASS
NVNT	Band7	15	21375	1	#0	QPSK	25.14	1.6	26.74	PASS
NVNT	Band7	15	21375	1	#Mid	QPSK	24.81	1.6	26.41	PASS
NVNT	Band7	15	21375	1	#Max	QPSK	24.50	1.6	26.10	PASS
NVNT	Band7	15	21375	36	#0	QPSK	23.72	1.6	25.32	PASS
NVNT	Band7	15	21375	36	#Mid	QPSK	23.59	1.6	25.19	PASS
NVNT	Band7	15	21375	36	#Max	QPSK	23.53	1.6	25.13	PASS
NVNT	Band7	15	21375	75	#0	QPSK	23.67	1.6	25.27	PASS

NVNT	Band7	15	21375	1	#0	16QAM	25.23	1.6	26.83	PASS
NVNT	Band7	15	21375	1	#Mid	16QAM	24.94	1.6	26.54	PASS
NVNT	Band7	15	21375	1	#Max	16QAM	24.47	1.6	26.07	PASS
NVNT	Band7	15	21375	36	#0	16QAM	22.90	1.6	24.50	PASS
NVNT	Band7	15	21375	36	#Mid	16QAM	22.85	1.6	24.45	PASS
NVNT	Band7	15	21375	36	#Max	16QAM	22.73	1.6	24.33	PASS
NVNT	Band7	15	21375	75	#0	16QAM	23.12	1.6	24.72	PASS
NVNT	Band7	20	20850	1	#0	QPSK	25.46	1.6	27.06	PASS
NVNT	Band7	20	20850	1	#Mid	QPSK	25.49	1.6	27.09	PASS
NVNT	Band7	20	20850	1	#Max	QPSK	25.45	1.6	27.05	PASS
NVNT	Band7	20	20850	50	#0	QPSK	24.45	1.6	26.05	PASS
NVNT	Band7	20	20850	50	#Mid	QPSK	24.46	1.6	26.06	PASS
NVNT	Band7	20	20850	50	#Max	QPSK	24.62	1.6	26.22	PASS
NVNT	Band7	20	20850	100	#0	QPSK	24.57	1.6	26.17	PASS
NVNT	Band7	20	20850	1	#0	16QAM	24.84	1.6	26.44	PASS
NVNT	Band7	20	20850	1	#Mid	16QAM	24.83	1.6	26.43	PASS
NVNT	Band7	20	20850	1	#Max	16QAM	24.89	1.6	26.49	PASS
NVNT	Band7	20	20850	50	#0	16QAM	23.80	1.6	25.40	PASS
NVNT	Band7	20	20850	50	#Mid	16QAM	23.79	1.6	25.39	PASS
NVNT	Band7	20	20850	50	#Max	16QAM	23.79	1.6	25.39	PASS
NVNT	Band7	20	20850	100	#0	16QAM	23.67	1.6	25.27	PASS
NVNT	Band7	20	21100	1	#0	QPSK	24.96	1.6	26.56	PASS
NVNT	Band7	20	21100	1	#Mid	QPSK	24.87	1.6	26.47	PASS
NVNT	Band7	20	21100	1	#Max	QPSK	25.30	1.6	26.90	PASS
NVNT	Band7	20	21100	50	#0	QPSK	24.03	1.6	25.63	PASS
NVNT	Band7	20	21100	50	#Mid	QPSK	24.05	1.6	25.65	PASS
NVNT	Band7	20	21100	50	#Max	QPSK	23.98	1.6	25.58	PASS
NVNT	Band7	20	21100	100	#0	QPSK	24.01	1.6	25.61	PASS
NVNT	Band7	20	21100	1	#0	16QAM	24.51	1.6	26.11	PASS
NVNT	Band7	20	21100	1	#Mid	16QAM	24.42	1.6	26.02	PASS
NVNT	Band7	20	21100	1	#Max	16QAM	24.63	1.6	26.23	PASS
NVNT	Band7	20	21100	50	#0	16QAM	23.19	1.6	24.79	PASS
NVNT	Band7	20	21100	50	#Mid	16QAM	23.26	1.6	24.86	PASS
NVNT	Band7	20	21100	50	#Max	16QAM	23.23	1.6	24.83	PASS
NVNT	Band7	20	21100	100	#0	16QAM	23.28	1.6	24.88	PASS
NVNT	Band7	20	21350	1	#0	QPSK	24.87	1.6	26.47	PASS
NVNT	Band7	20	21350	1	#Mid	QPSK	24.74	1.6	26.34	PASS
NVNT	Band7	20	21350	1	#Max	QPSK	24.39	1.6	25.99	PASS
NVNT	Band7	20	21350	50	#0	QPSK	23.80	1.6	25.40	PASS
NVNT	Band7	20	21350	50	#Mid	QPSK	23.76	1.6	25.36	PASS
NVNT	Band7	20	21350	50	#Max	QPSK	23.57	1.6	25.17	PASS
NVNT	Band7	20	21350	100	#0	QPSK	23.66	1.6	25.26	PASS

NVNT	Band7	20	21350	1	#0	16QAM	24.82	1.6	26.42	PASS
NVNT	Band7	20	21350	1	#Mid	16QAM	24.59	1.6	26.19	PASS
NVNT	Band7	20	21350	1	#Max	16QAM	24.27	1.6	25.87	PASS
NVNT	Band7	20	21350	50	#0	16QAM	23.02	1.6	24.62	PASS
NVNT	Band7	20	21350	50	#Mid	16QAM	22.92	1.6	24.52	PASS
NVNT	Band7	20	21350	50	#Max	16QAM	22.77	1.6	24.37	PASS
NVNT	Band7	20	21350	100	#0	16QAM	22.89	1.6	24.49	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 7	5	20775	25	#0	QPSK	LV	NT	-33.95	-0.014	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	NT	-11.06	-0.004	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	HV	NT	2.46	0.001	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	LV	NT	-17.98	-0.007	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	NT	-19.86	-0.008	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	HV	NT	-29.68	-0.012	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	LV	NT	-12.69	-0.005	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	NT	-21.99	-0.009	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	HV	NT	-31.91	-0.013	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	LV	NT	-36.68	-0.014	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	NT	-5.87	-0.002	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	HV	NT	-8.80	-0.003	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	LV	NT	-1.30	-0.001	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	NT	-16.31	-0.006	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	HV	NT	-14.18	-0.006	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	LV	NT	-17.29	-0.007	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	NT	-17.74	-0.007	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	HV	NT	-23.36	-0.009	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	LV	NT	8.73	0.003	PASS

NVNT	Band 7	10	20800	50	#0	QPSK	NV	NT	11.12	0.004	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	HV	NT	10.10	0.004	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	LV	NT	7.32	0.003	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	NT	8.58	0.003	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	HV	NT	7.20	0.003	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	LV	NT	-16.68	-0.007	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	NT	-20.56	-0.008	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	HV	NT	-22.77	-0.009	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	LV	NT	-20.04	-0.008	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	NT	20.40	0.008	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	HV	NT	24.73	0.010	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	LV	NT	-11.09	-0.004	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	NT	-15.23	-0.006	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	HV	NT	-19.81	-0.008	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	LV	NT	-10.03	-0.004	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	NT	5.35	0.002	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	HV	NT	5.62	0.002	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	LV	NT	-20.93	-0.008	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	NT	-17.27	-0.007	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	HV	NT	-27.34	-0.011	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	LV	NT	8.70	0.003	PASS
NVNT	Band	15	20825	75	#0	16QAM	NV	NT	13.98	0.006	PASS

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NVNT	Band 7	15	20825	75	#0	16QAM	HV	NT	17.34	0.007	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	LV	NT	-15.36	-0.006	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	NT	-22.79	-0.009	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	HV	NT	-34.10	-0.013	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	LV	NT	-30.26	-0.012	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	NT	-20.84	-0.008	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	HV	NT	10.17	0.004	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	LV	NT	14.48	0.006	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	NT	9.16	0.004	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	HV	NT	-1.46	-0.001	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	LV	NT	-1.24	0.000	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	NT	3.32	0.001	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	HV	NT	6.19	0.002	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	LV	NT	-30.97	-0.012	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	NT	-27.27	-0.011	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	HV	NT	-22.22	-0.009	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	LV	NT	-21.60	-0.009	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	NT	-14.58	-0.006	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	HV	NT	-14.88	-0.006	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	LV	NT	-2.98	-0.001	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	NT	-11.27	-0.004	PASS

NVNT	Band 7	20	21100	100	#0	QPSK	HV	NT	-5.76	-0.002	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	LV	NT	-6.61	-0.003	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	NT	-10.77	-0.004	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	HV	NT	-9.26	-0.004	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	LV	NT	-2.35	-0.001	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	NT	-22.73	-0.009	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	HV	NT	-17.22	-0.007	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	LV	NT	-13.66	-0.005	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	NT	4.82	0.002	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	HV	NT	-10.07	-0.004	PASS

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
NVNT	Band 7	5	20775	25	#0	QPSK	NV	-30	-20.76	-0.008	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	-20	-25.61	-0.010	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	0	-0.21	0.000	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	10	-11.67	-0.005	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	20	-17.85	-0.007	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	30	-29.18	-0.012	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	40	-38.90	-0.016	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	50	-12.72	-0.005	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	-30	-21.37	-0.009	PASS

NVNT	Band 7	5	20775	25	#0	16QAM	NV	-20	-26.52	-0.011	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	0	-36.89	-0.015	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	10	5.21	0.002	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	20	-6.29	-0.003	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	30	-10.94	-0.004	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	40	-25.42	-0.010	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	50	-33.02	-0.013	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	-30	-9.23	-0.004	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	-20	-30.54	-0.012	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	0	-43.32	-0.017	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	10	-31.93	-0.013	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	20	2.60	0.001	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	30	-5.38	-0.002	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	40	-23.89	-0.009	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	50	-31.54	-0.012	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	-30	-34.79	-0.014	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	-20	-21.50	-0.008	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	0	-37.68	-0.015	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	10	-19.40	-0.008	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	20	-10.94	-0.004	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	30	-19.10	-0.008	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	40	-32.00	-0.013	PASS

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NVNT	Band 7	5	21100	25	#0	16QAM	NV	50	-47.68	-0.019	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	-30	-10.84	-0.004	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	-20	-34.96	-0.014	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	0	-12.66	-0.005	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	10	-24.68	-0.010	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	20	-41.00	-0.016	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	30	-51.27	-0.020	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	40	-40.27	-0.016	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	50	-7.02	-0.003	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	-30	-30.18	-0.012	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	-20	-18.21	-0.007	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	0	-44.03	-0.017	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	10	-7.57	-0.003	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	20	-32.93	-0.013	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	30	-9.26	-0.004	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	40	-29.67	-0.012	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	50	-34.35	-0.013	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	-30	-16.92	-0.007	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	-20	-18.28	-0.007	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	0	-35.55	-0.014	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	10	-25.18	-0.010	PASS

NVNT	Band 7	10	20800	50	#0	QPSK	NV	20	-6.21	-0.002	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	30	19.96	0.008	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	40	-25.11	-0.010	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	50	-29.13	-0.012	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	-30	-32.40	-0.013	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	-20	-35.56	-0.014	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	0	-39.48	-0.016	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	10	-27.97	-0.011	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	20	4.35	0.002	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	30	-1.97	-0.001	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	40	-7.64	-0.003	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	50	-10.16	-0.004	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	-30	-16.32	-0.006	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	-20	-25.62	-0.010	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	0	-12.17	-0.005	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	10	-28.21	-0.011	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	20	-33.90	-0.013	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	30	-44.99	-0.018	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	40	-21.37	-0.008	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	50	-10.54	-0.004	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	-30	-9.54	-0.004	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	-20	-8.21	-0.003	PASS

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NVNT	Band 7	10	21100	50	#0	16QAM	NV	0	-4.79	-0.002	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	10	-14.02	-0.006	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	20	-27.61	-0.011	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	30	-38.08	-0.015	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	40	-38.88	-0.015	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	50	4.88	0.002	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	-30	-13.42	-0.005	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	-20	-22.63	-0.009	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	0	-37.84	-0.015	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	10	-18.50	-0.007	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	20	-23.92	-0.009	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	30	-5.22	-0.002	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	40	-22.10	-0.009	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	50	-26.26	-0.010	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	-30	12.99	0.005	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	-20	3.46	0.001	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	0	-2.57	-0.001	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	10	-5.35	-0.002	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	20	-6.21	-0.002	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	30	-15.26	-0.006	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	40	-19.57	-0.008	PASS

NVNT	Band 7	10	21400	50	#0	16QAM	NV	50	-6.37	-0.002	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	-30	-31.99	-0.013	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	-20	-19.53	-0.008	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	0	-21.99	-0.009	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	10	-30.97	-0.012	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	20	-5.71	-0.002	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	30	-5.91	-0.002	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	40	-14.65	-0.006	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	50	-18.48	-0.007	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	-30	-4.26	-0.002	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	-20	-5.14	-0.002	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	0	-6.31	-0.003	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	10	-3.76	-0.001	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	20	-18.67	-0.007	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	30	-26.97	-0.011	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	40	-29.45	-0.012	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	50	-31.90	-0.013	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	-30	-14.38	-0.006	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	-20	-27.81	-0.011	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	0	7.02	0.003	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	10	-1.29	-0.001	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	20	-7.57	-0.003	PASS

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NVNT	Band 7	15	21100	75	#0	QPSK	NV	30	-25.28	-0.010	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	40	-42.00	-0.017	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	50	-20.94	-0.008	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	-30	-5.88	-0.002	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	-20	-16.16	-0.006	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	0	-11.64	-0.005	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	10	-29.85	-0.012	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	20	-15.31	-0.006	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	30	-31.59	-0.012	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	40	-43.75	-0.017	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	50	-11.12	-0.004	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	-30	1.72	0.001	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	-20	-19.04	-0.007	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	0	-12.32	-0.005	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	10	-22.02	-0.009	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	20	-32.52	-0.013	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	30	-24.45	-0.010	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	40	-15.81	-0.006	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	50	-27.45	-0.011	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	-30	-23.32	-0.009	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	-20	-7.14	-0.003	PASS

NVNT	Band 7	15	21375	75	#0	16QAM	NV	0	0.10	0.000	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	10	-4.43	-0.002	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	20	-12.63	-0.005	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	30	-21.07	-0.008	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	40	0.04	0.000	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	50	-10.07	-0.004	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	-30	-19.88	-0.008	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	-20	-16.81	-0.007	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	0	13.43	0.005	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	10	11.03	0.004	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	20	-19.05	-0.008	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	30	-14.35	-0.006	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	40	-5.09	-0.002	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	50	-10.40	-0.004	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	-30	-7.45	-0.003	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	-20	3.20	0.001	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	0	-0.10	0.000	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	10	-3.92	-0.002	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	20	-3.81	-0.002	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	30	-6.18	-0.002	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	40	-9.24	-0.004	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	50	-15.38	-0.006	PASS

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NVNT	Band 7	20	21100	100	#0	QPSK	NV	-30	-27.19	-0.011	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	-20	-38.54	-0.015	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	0	-3.28	-0.001	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	10	-24.10	-0.010	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	20	-24.58	-0.010	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	30	-18.07	-0.007	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	40	-33.89	-0.013	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	50	-21.47	-0.008	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	-30	-29.65	-0.012	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	-20	-0.13	0.000	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	0	-19.86	-0.008	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	10	-26.08	-0.010	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	20	-25.02	-0.010	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	30	-20.01	-0.008	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	40	-3.95	-0.002	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	50	8.08	0.003	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	-30	-0.30	0.000	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	-20	-4.51	-0.002	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	0	-5.22	-0.002	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	10	-6.52	-0.003	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	20	-9.60	-0.004	PASS

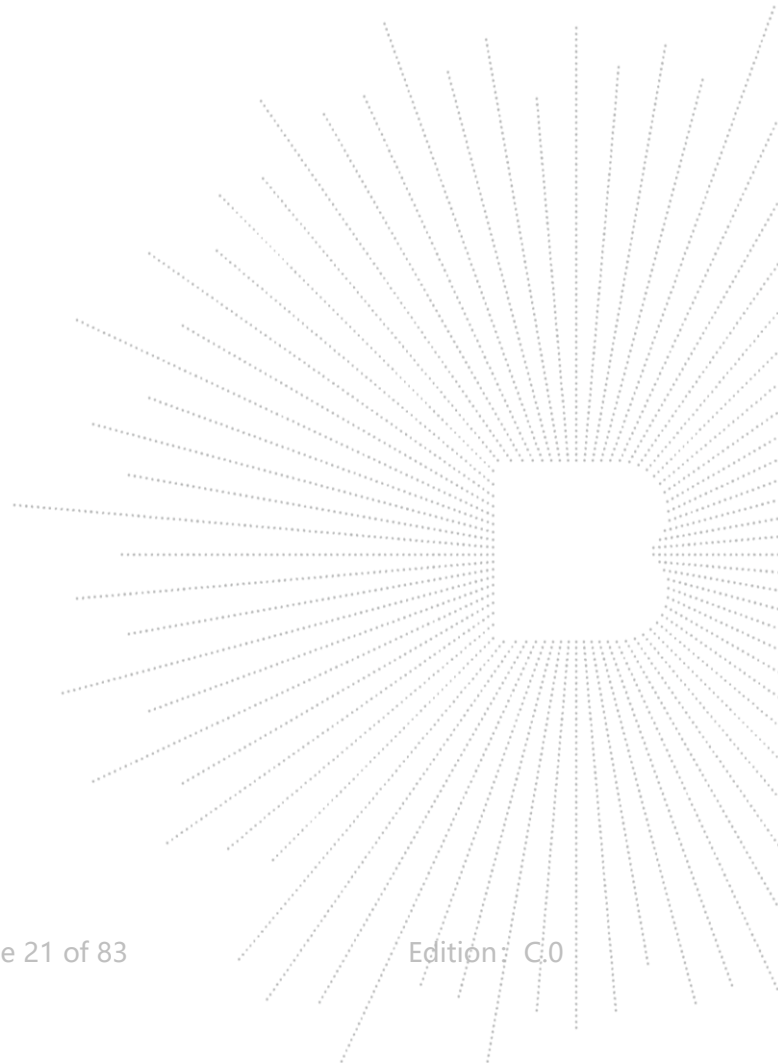
NVNT	Band 7	20	21350	100	#0	QPSK	NV	30	-17.32	-0.007	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	40	-18.05	-0.007	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	50	-18.80	-0.007	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	-30	-15.66	-0.006	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	-20	-1.39	-0.001	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	0	-0.30	0.000	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	10	2.16	0.001	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	20	2.25	0.001	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	30	0.06	0.000	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	40	20.50	0.008	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	50	13.49	0.005	PASS

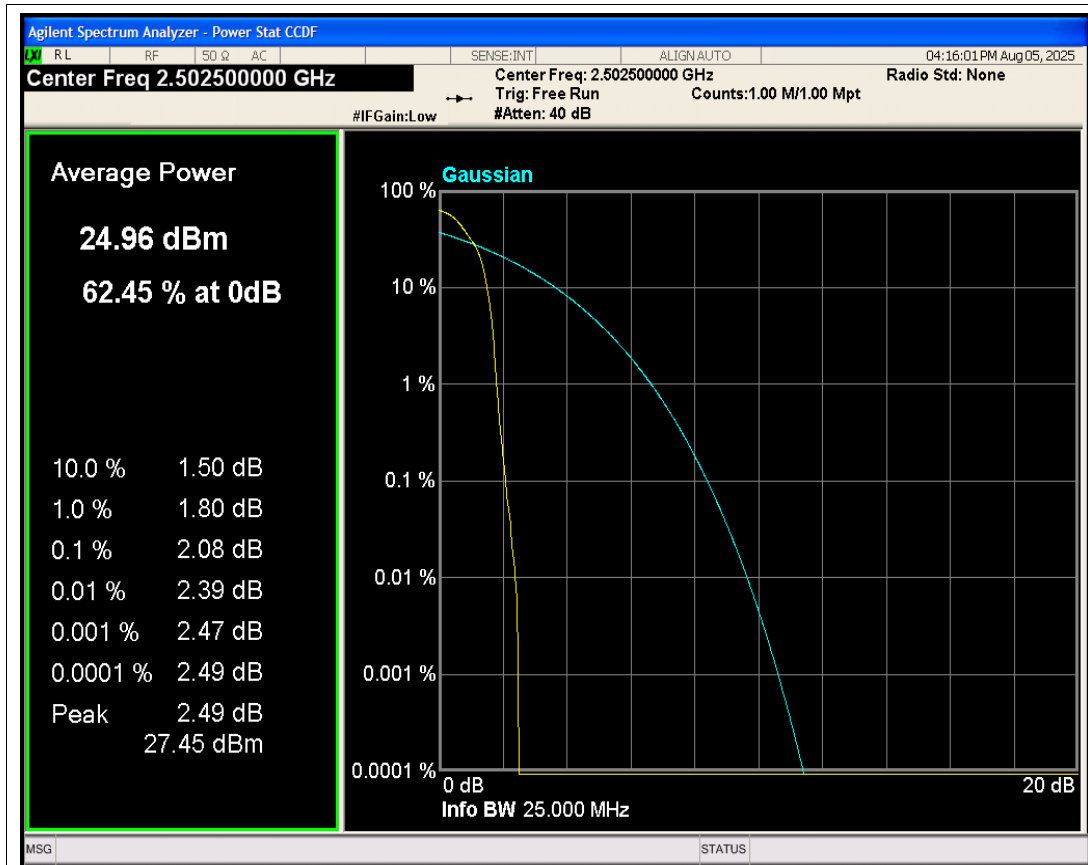
Appendix 3. Peak-to-Average Ratio

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band7	5	20775	1	#0	QPSK	2.08	13	PASS
NVNT	Band7	5	20775	1	#0	16QAM	2.51	13	PASS
NVNT	Band7	5	21100	1	#0	QPSK	3.00	13	PASS
NVNT	Band7	5	21100	1	#0	16QAM	3.42	13	PASS
NVNT	Band7	5	21425	1	#0	QPSK	3.11	13	PASS
NVNT	Band7	5	21425	1	#0	16QAM	3.64	13	PASS
NVNT	Band7	10	20800	1	#0	QPSK	2.00	13	PASS
NVNT	Band7	10	20800	1	#0	16QAM	2.47	13	PASS
NVNT	Band7	10	21100	1	#0	QPSK	3.34	13	PASS
NVNT	Band7	10	21100	1	#0	16QAM	3.69	13	PASS
NVNT	Band7	10	21400	1	#0	QPSK	2.68	13	PASS
NVNT	Band7	10	21400	1	#0	16QAM	3.66	13	PASS

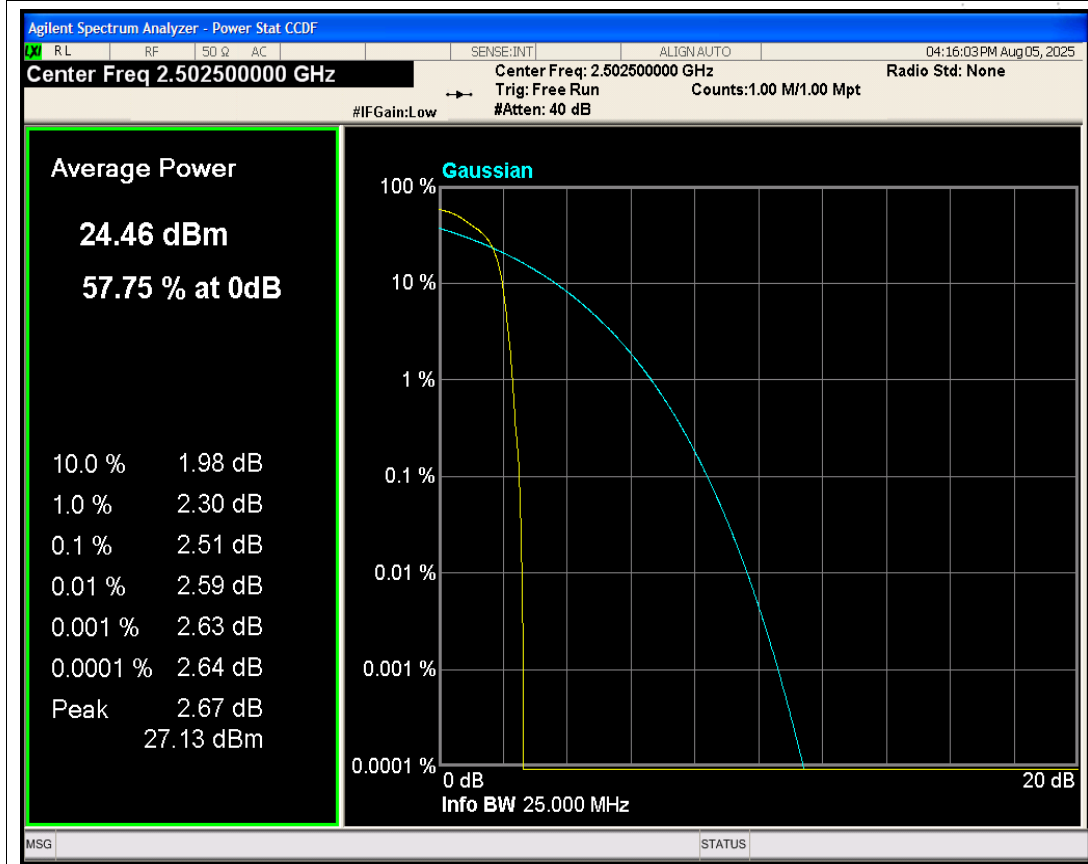


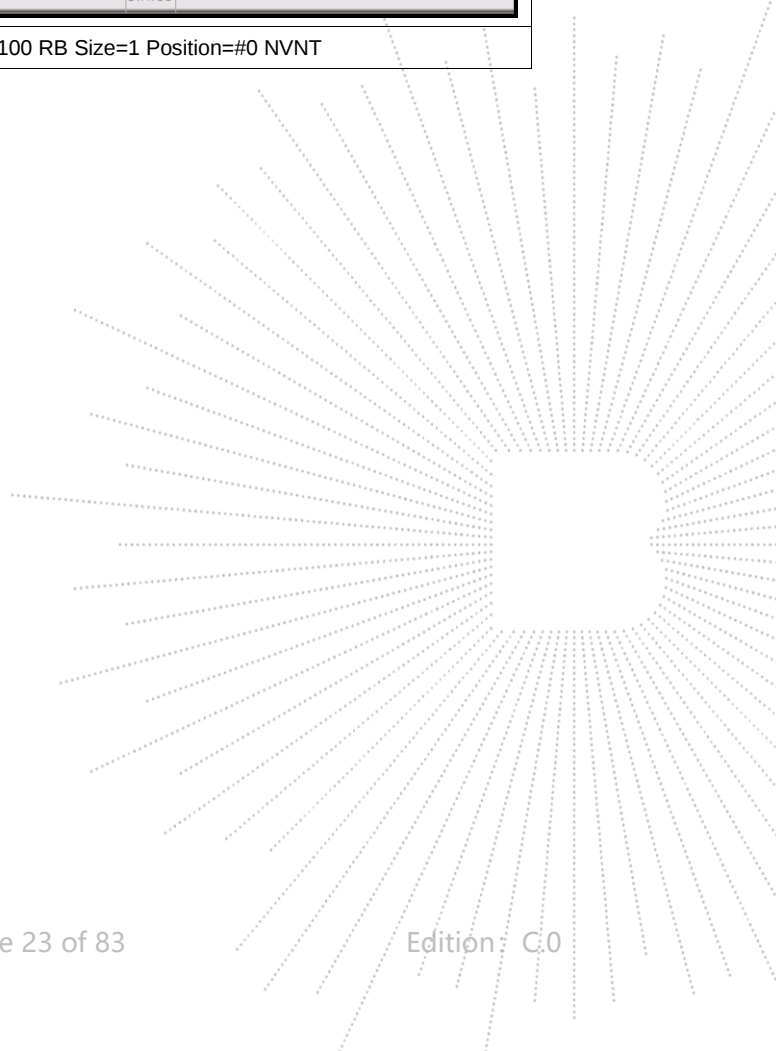
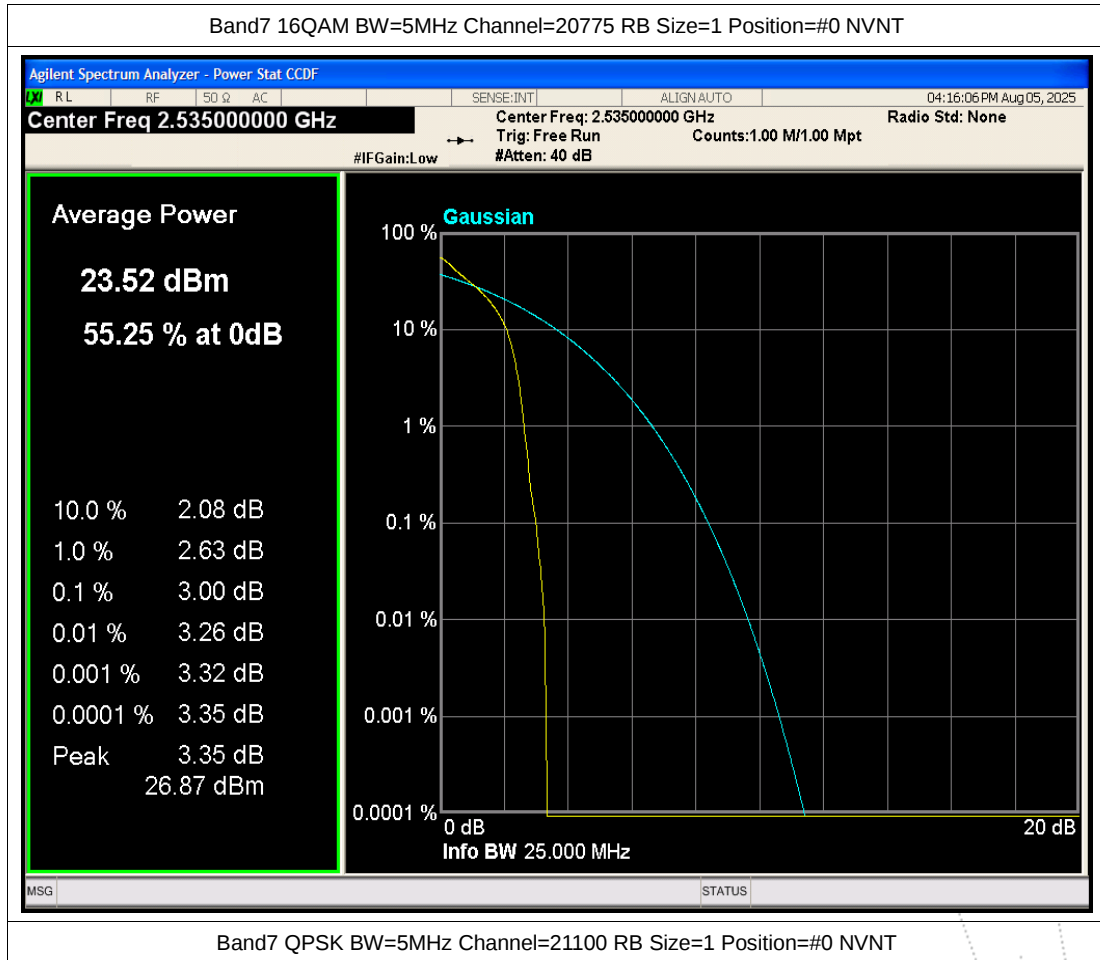
NVNT	Band7	15	20825	1	#0	QPSK	1.89	13	PASS
NVNT	Band7	15	20825	1	#0	16QAM	2.49	13	PASS
NVNT	Band7	15	21100	1	#0	QPSK	3.32	13	PASS
NVNT	Band7	15	21100	1	#0	16QAM	3.73	13	PASS
NVNT	Band7	15	21375	1	#0	QPSK	2.45	13	PASS
NVNT	Band7	15	21375	1	#0	16QAM	2.88	13	PASS
NVNT	Band7	20	20850	1	#0	QPSK	1.84	13	PASS
NVNT	Band7	20	20850	1	#0	16QAM	2.27	13	PASS
NVNT	Band7	20	21100	1	#0	QPSK	3.13	13	PASS
NVNT	Band7	20	21100	1	#0	16QAM	3.53	13	PASS
NVNT	Band7	20	21350	1	#0	QPSK	3.22	13	PASS
NVNT	Band7	20	21350	1	#0	16QAM	3.66	13	PASS

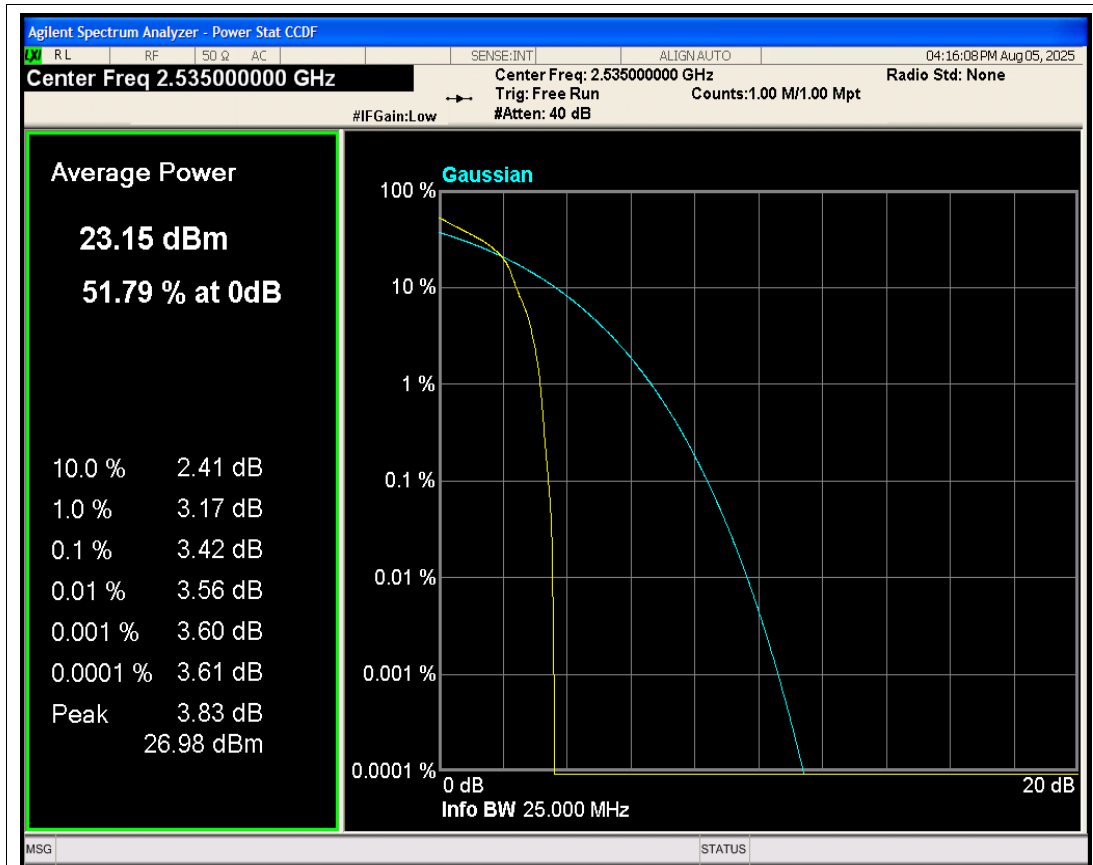




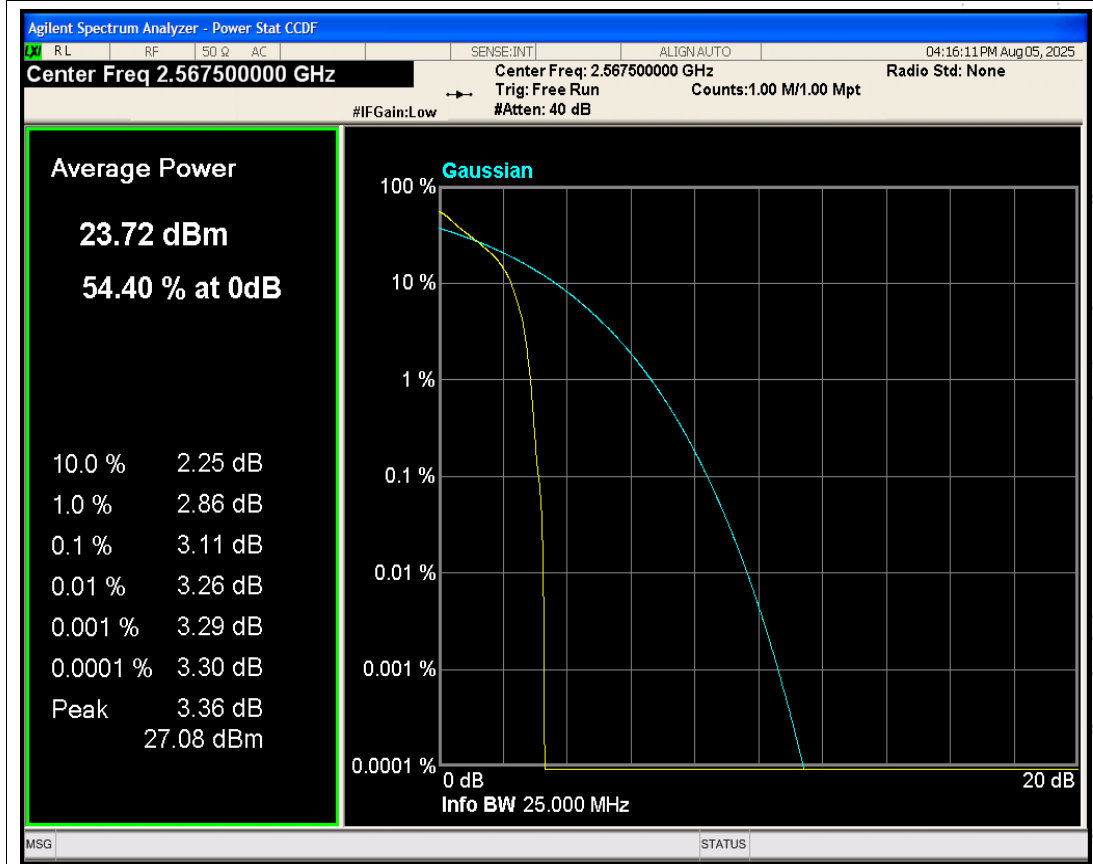
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0 NVNT

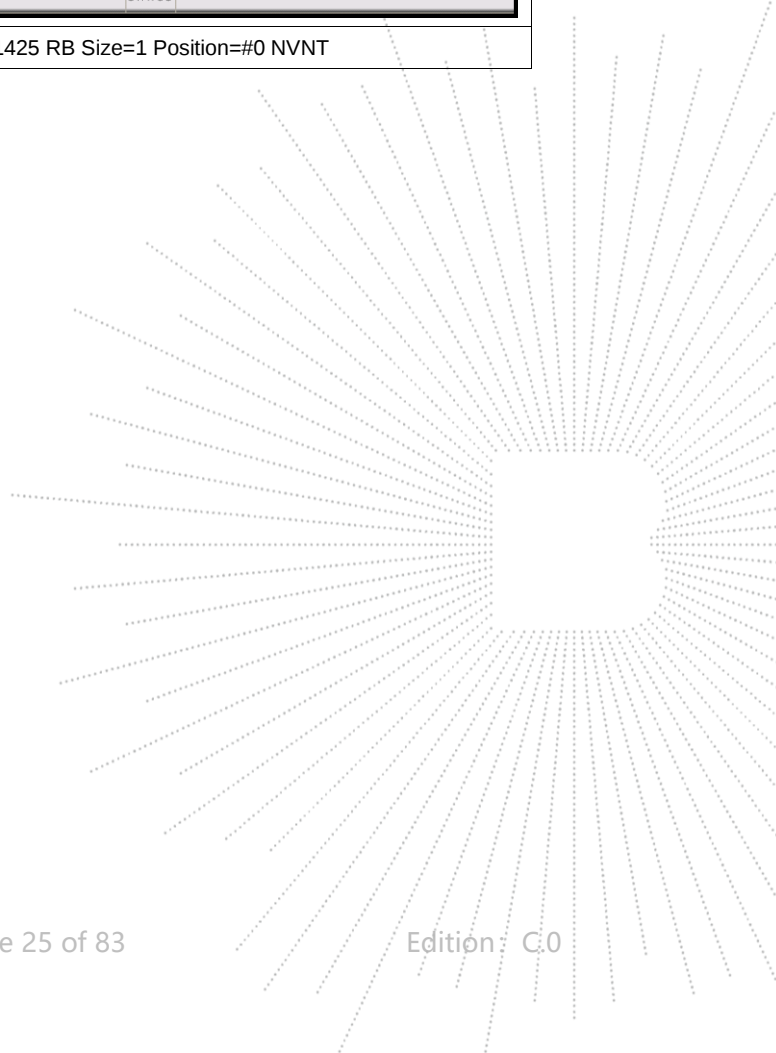
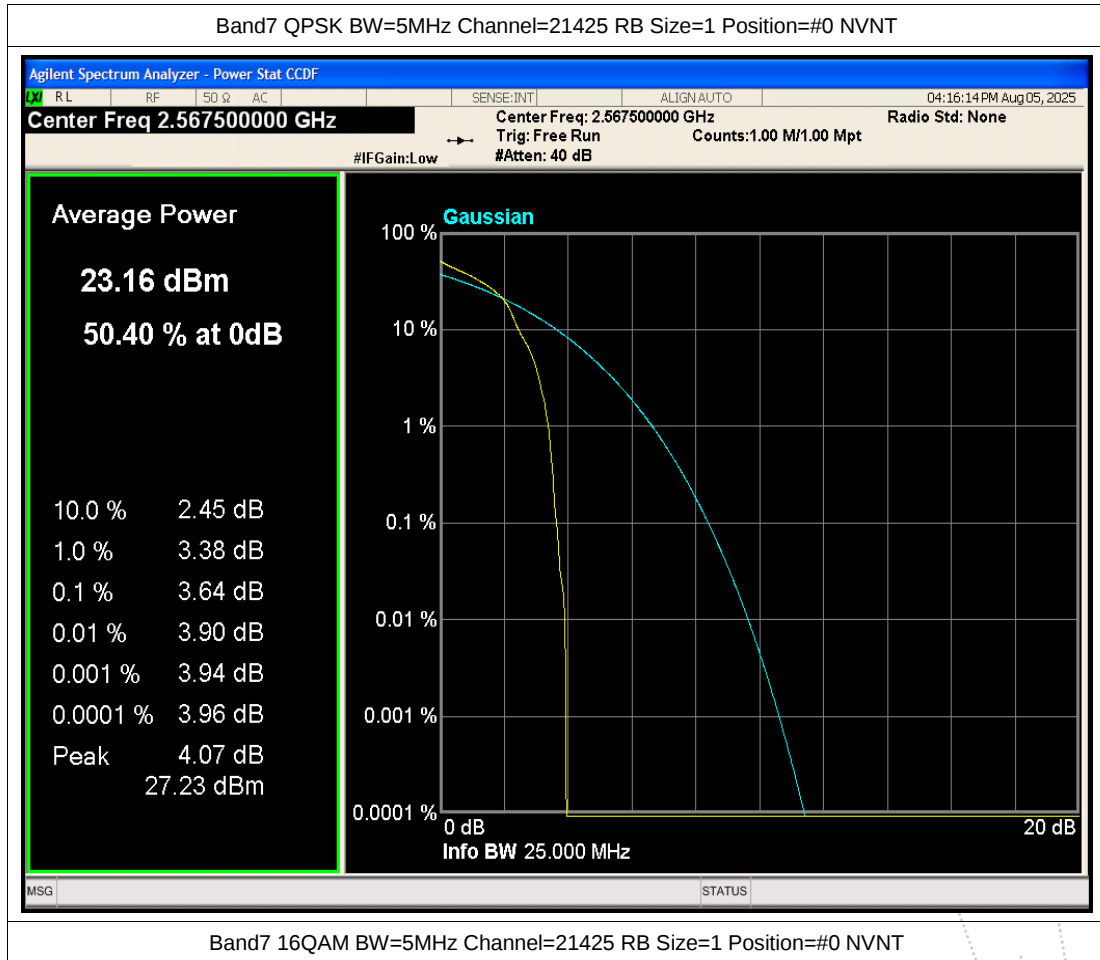


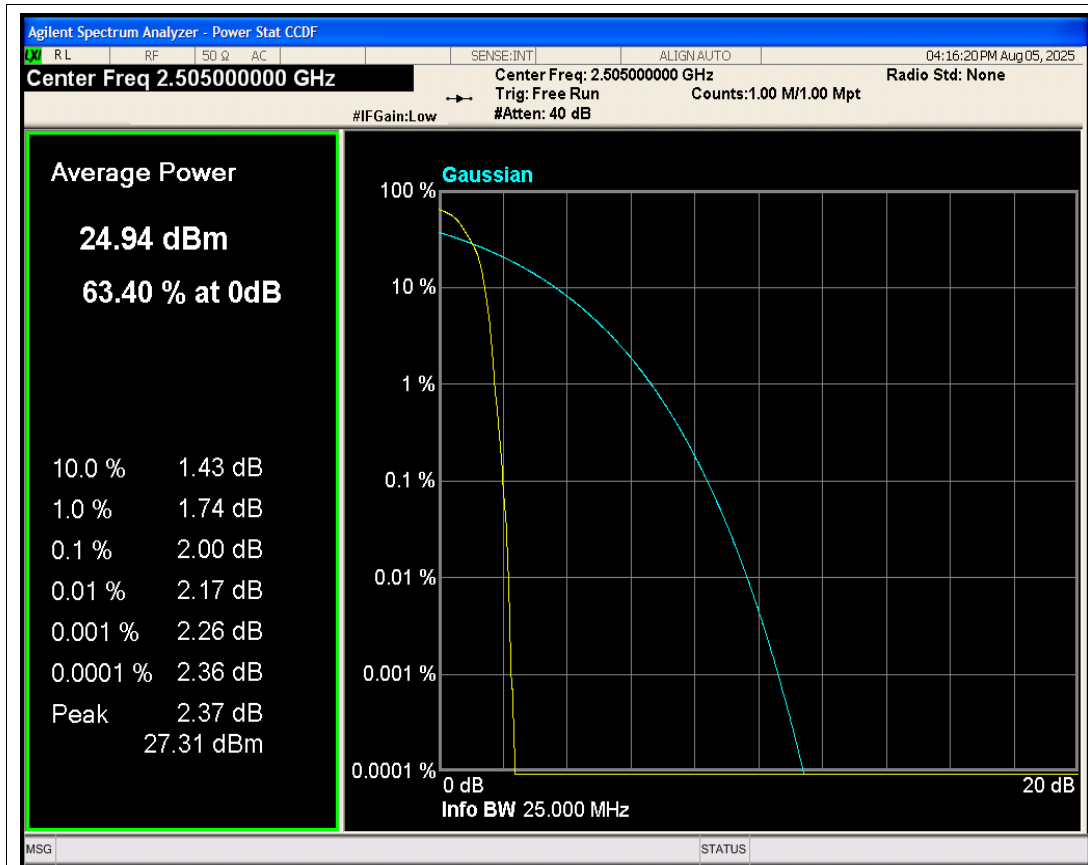




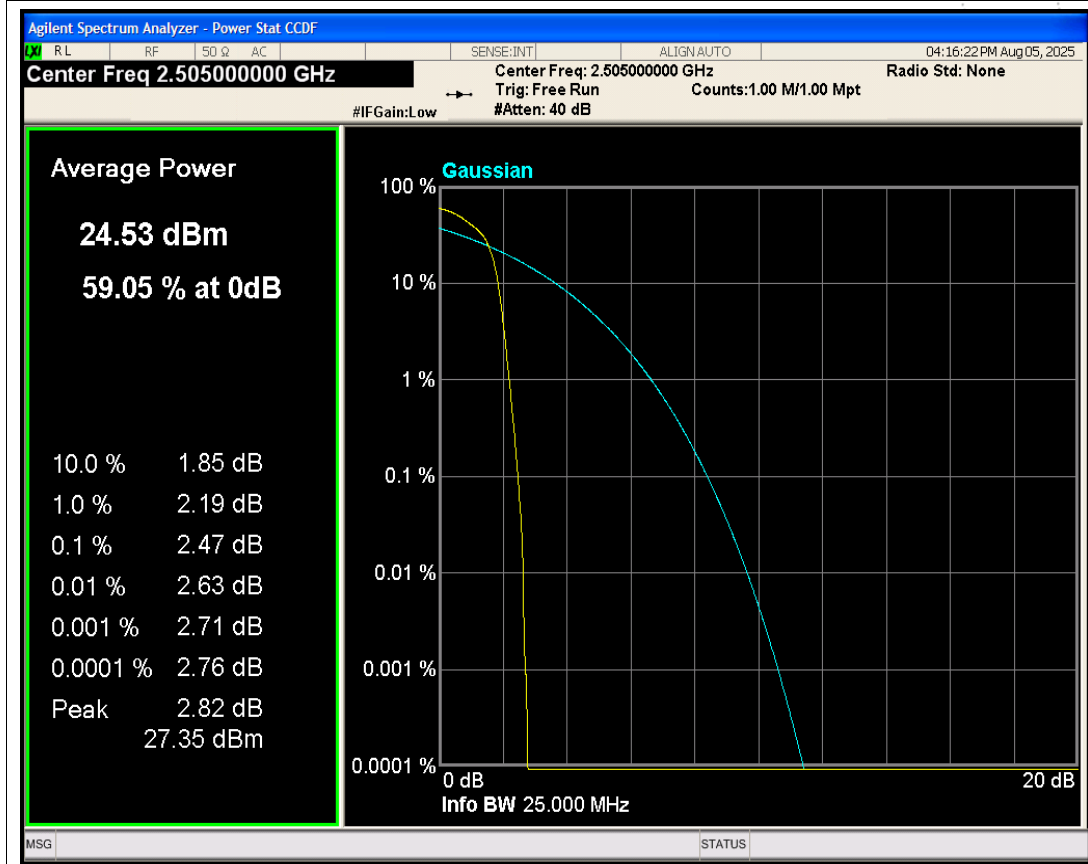
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0 NVNT

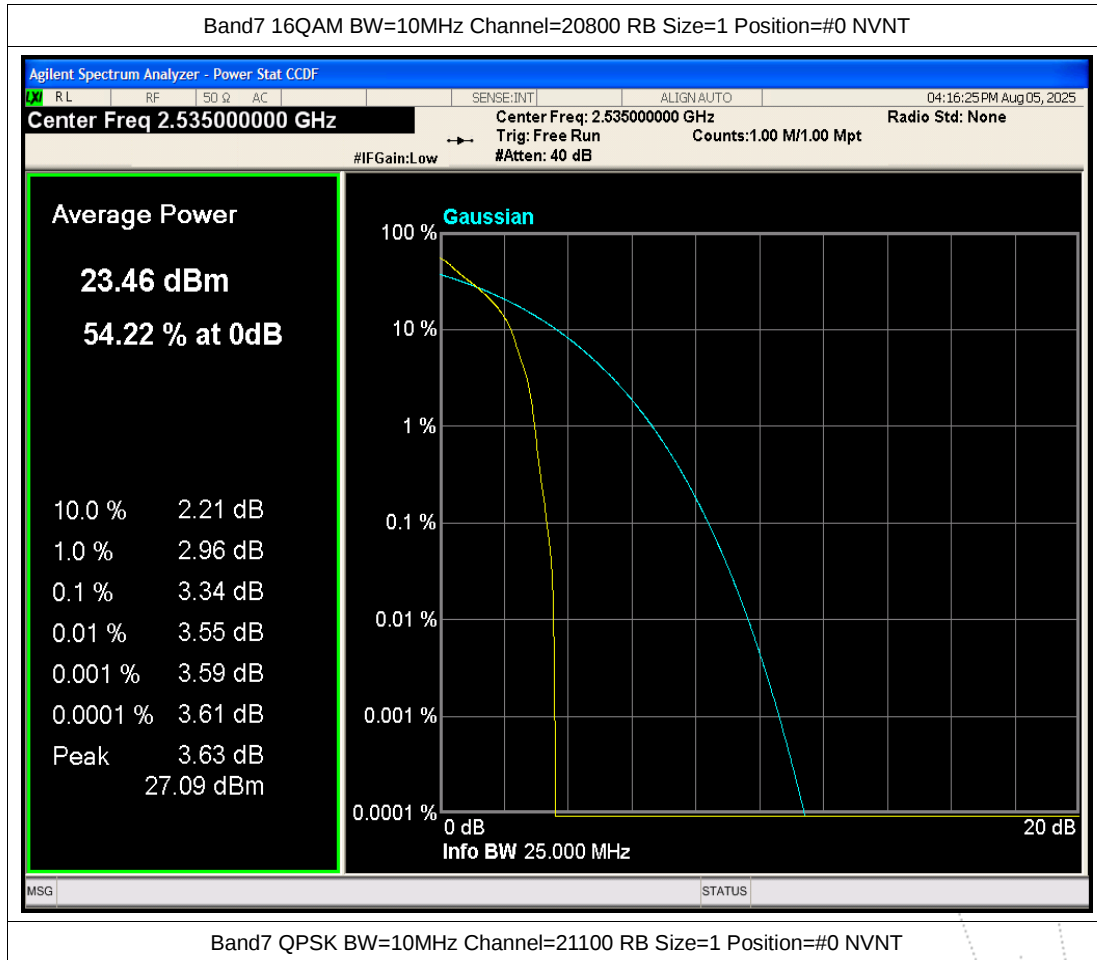


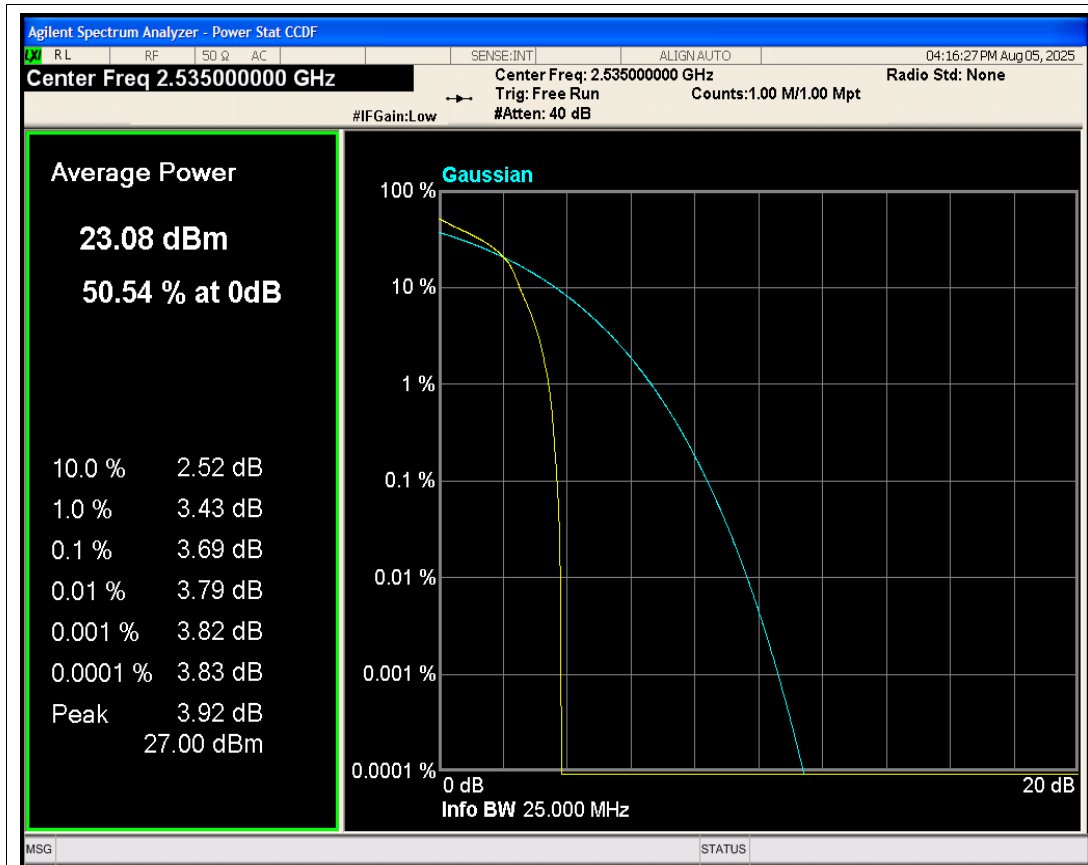




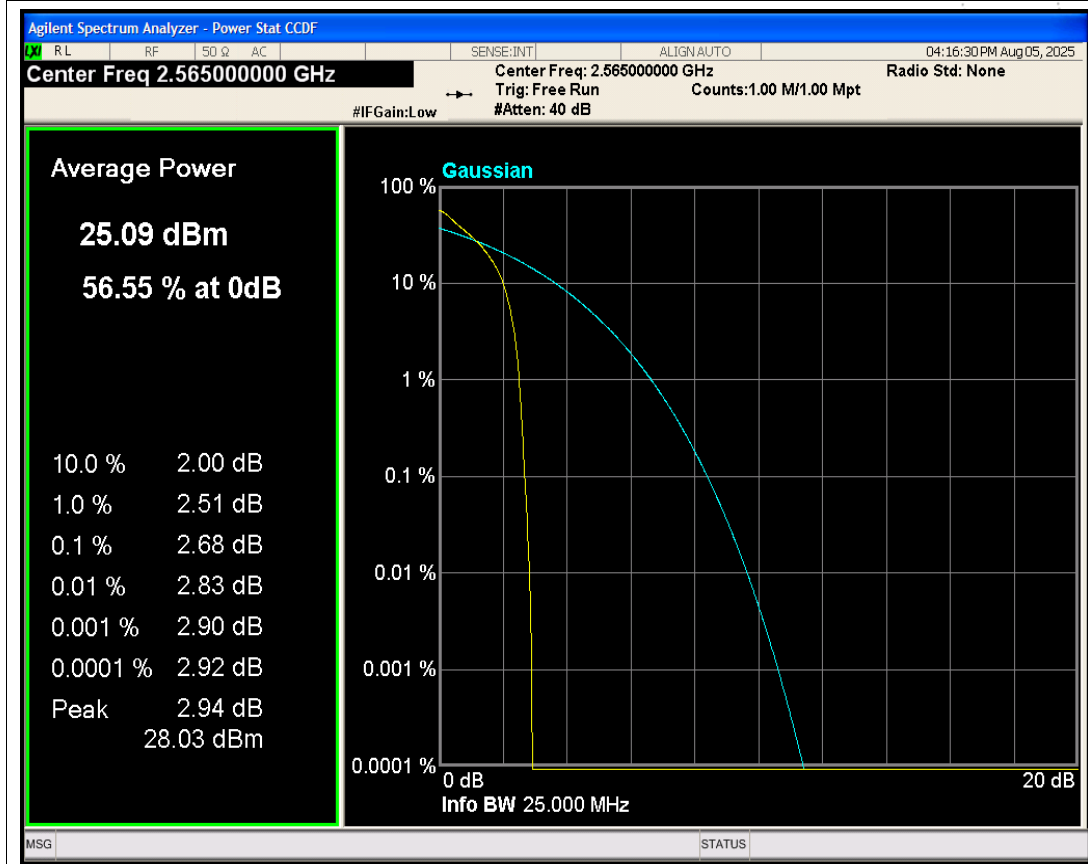
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0 NVNT

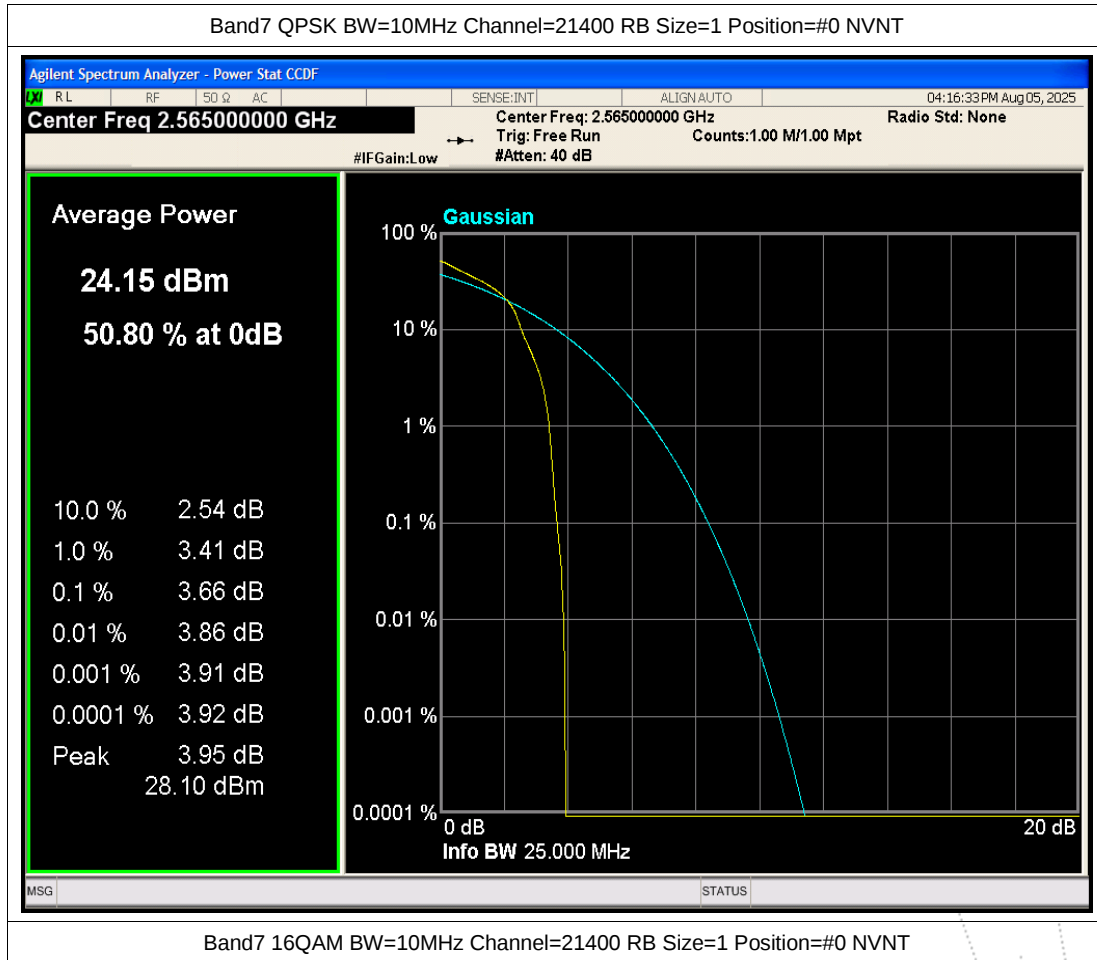


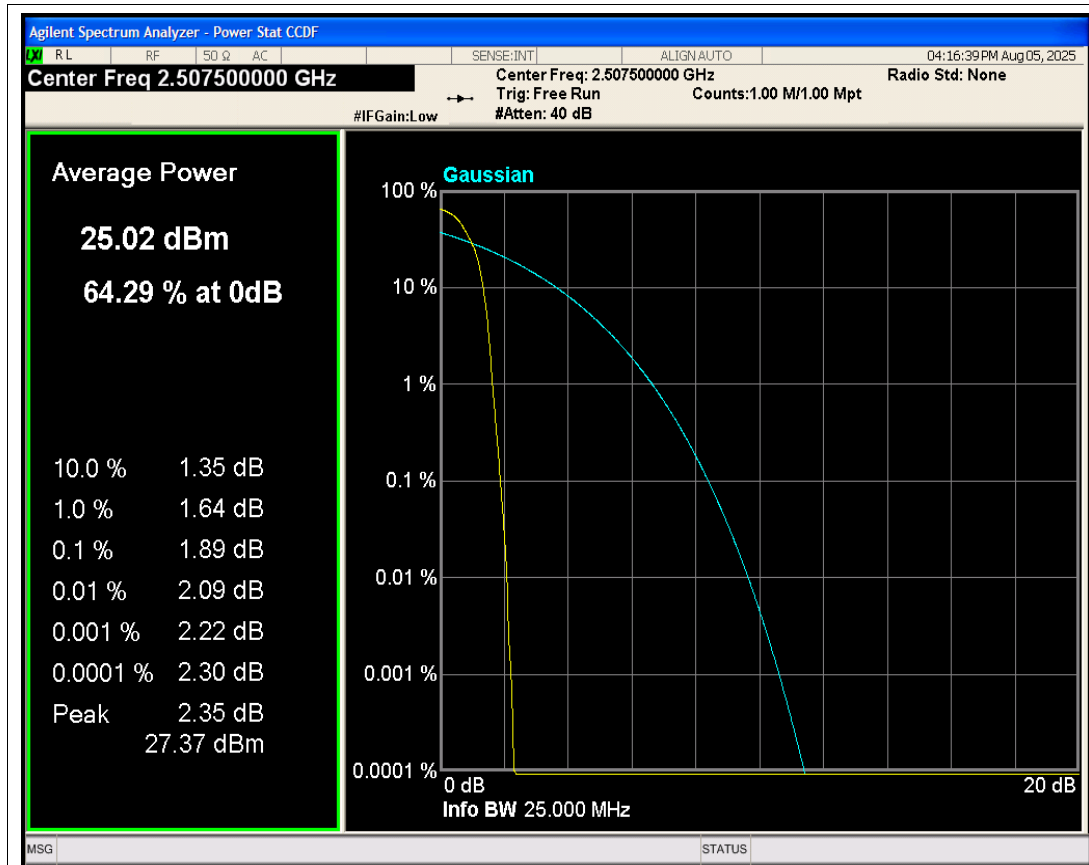




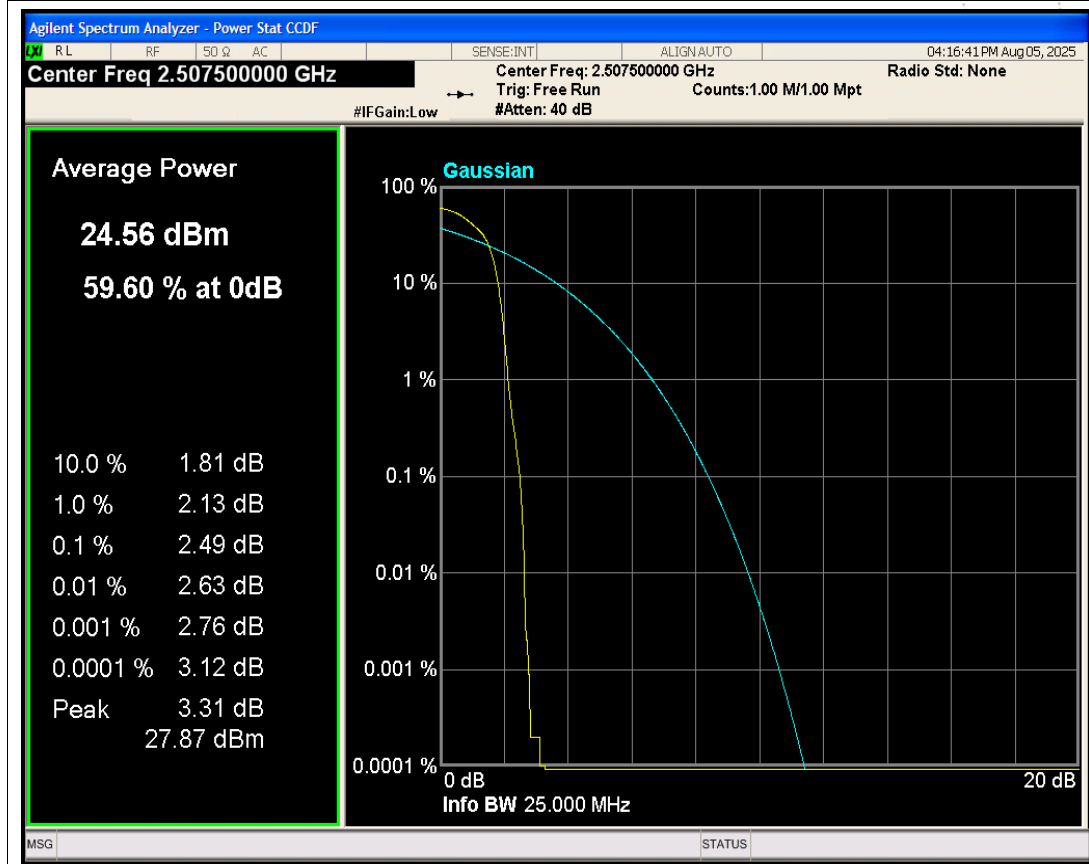
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0 NVNT

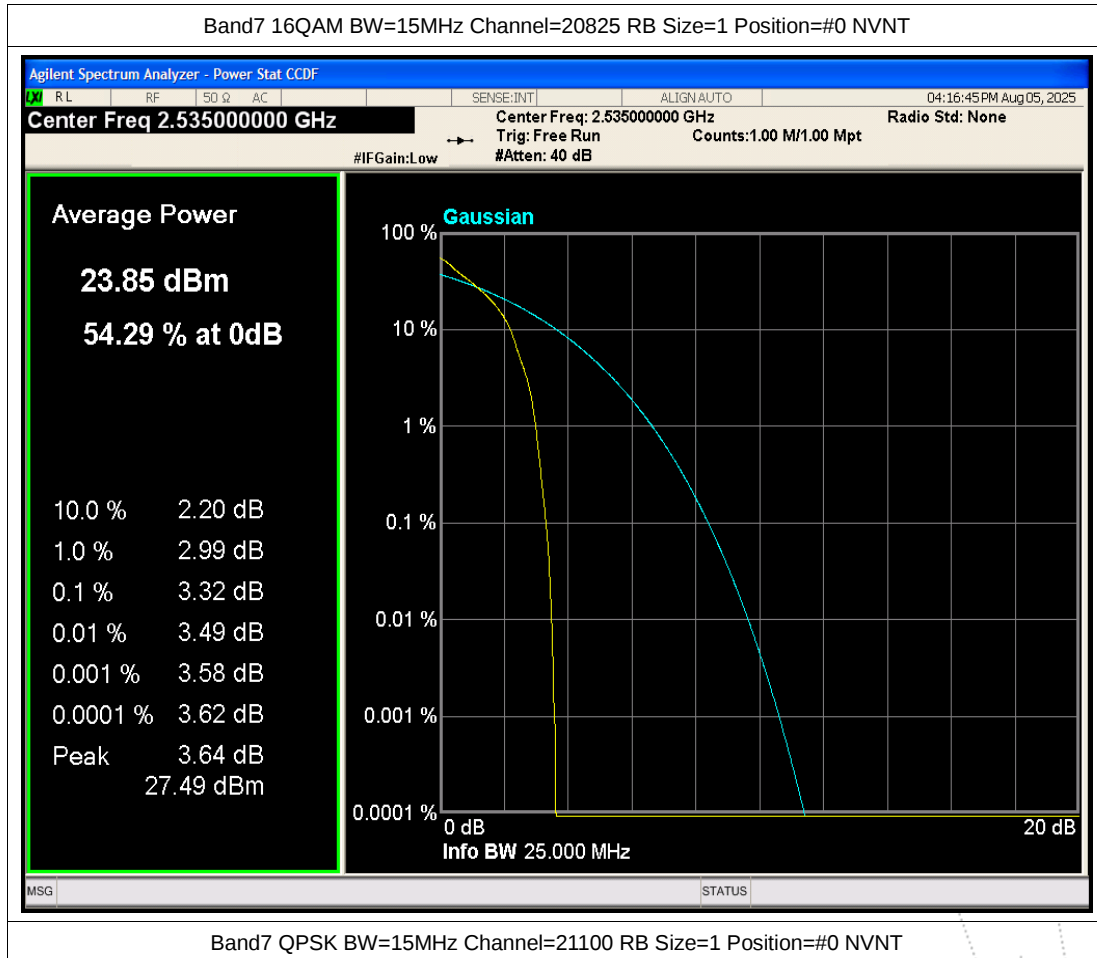




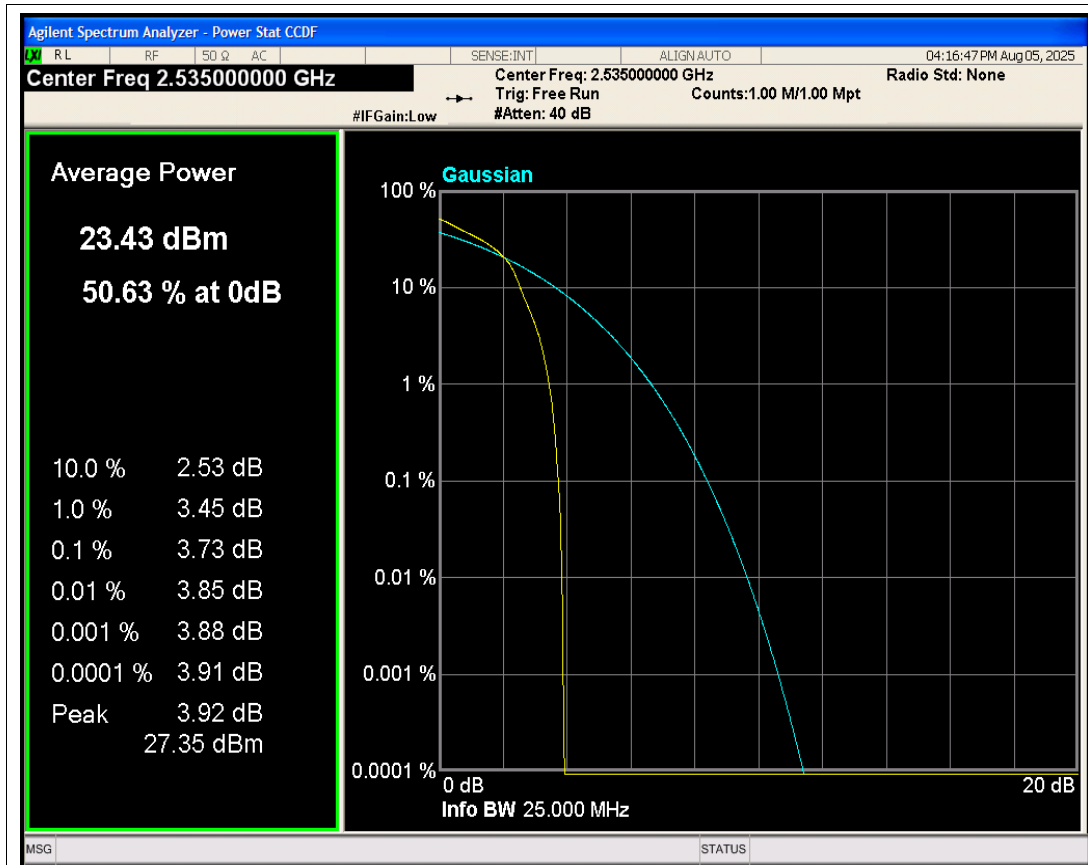


Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0 NVNT

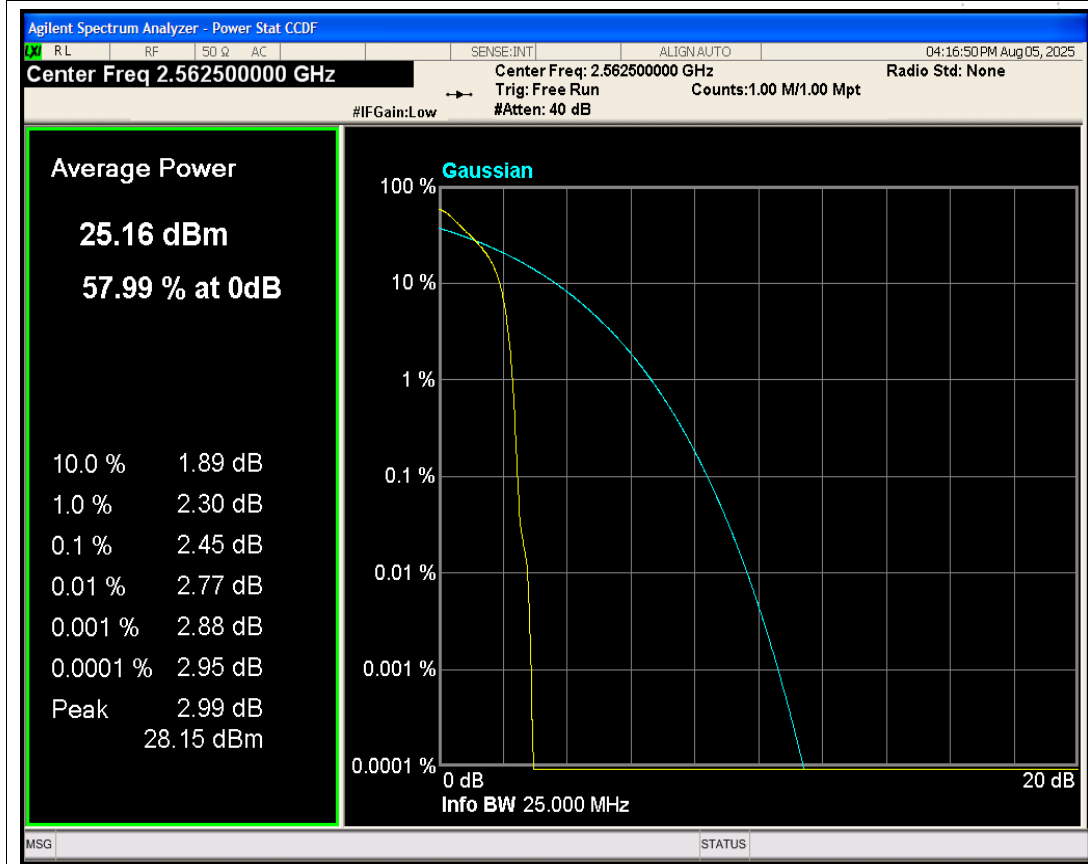


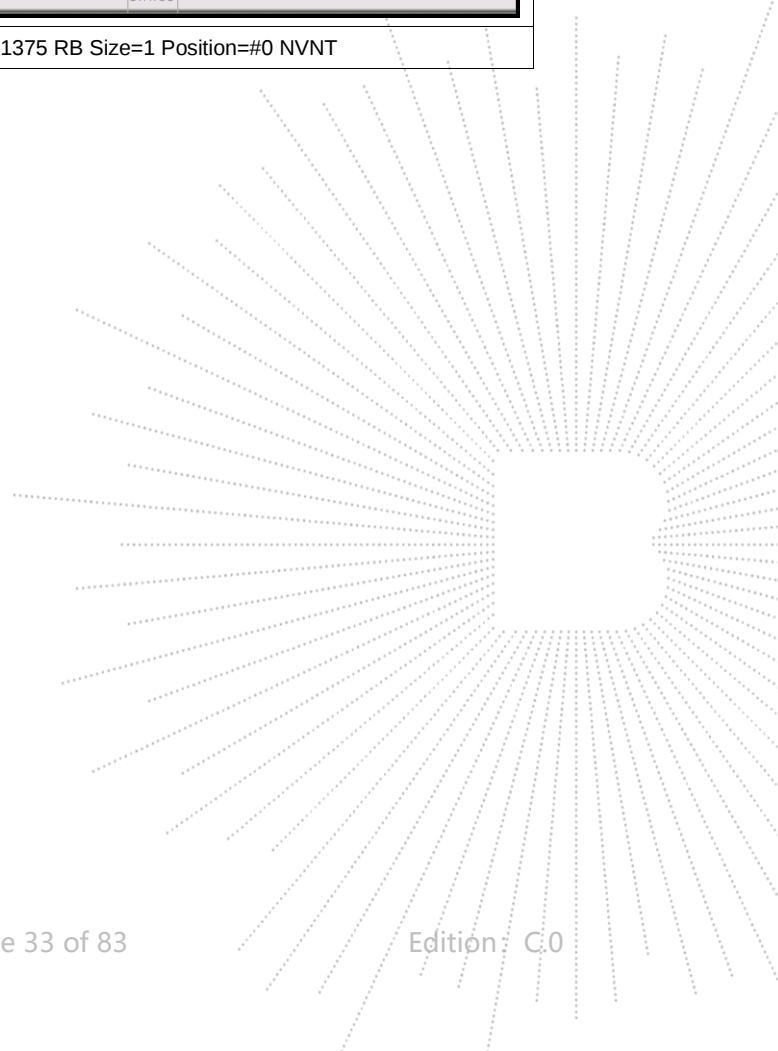
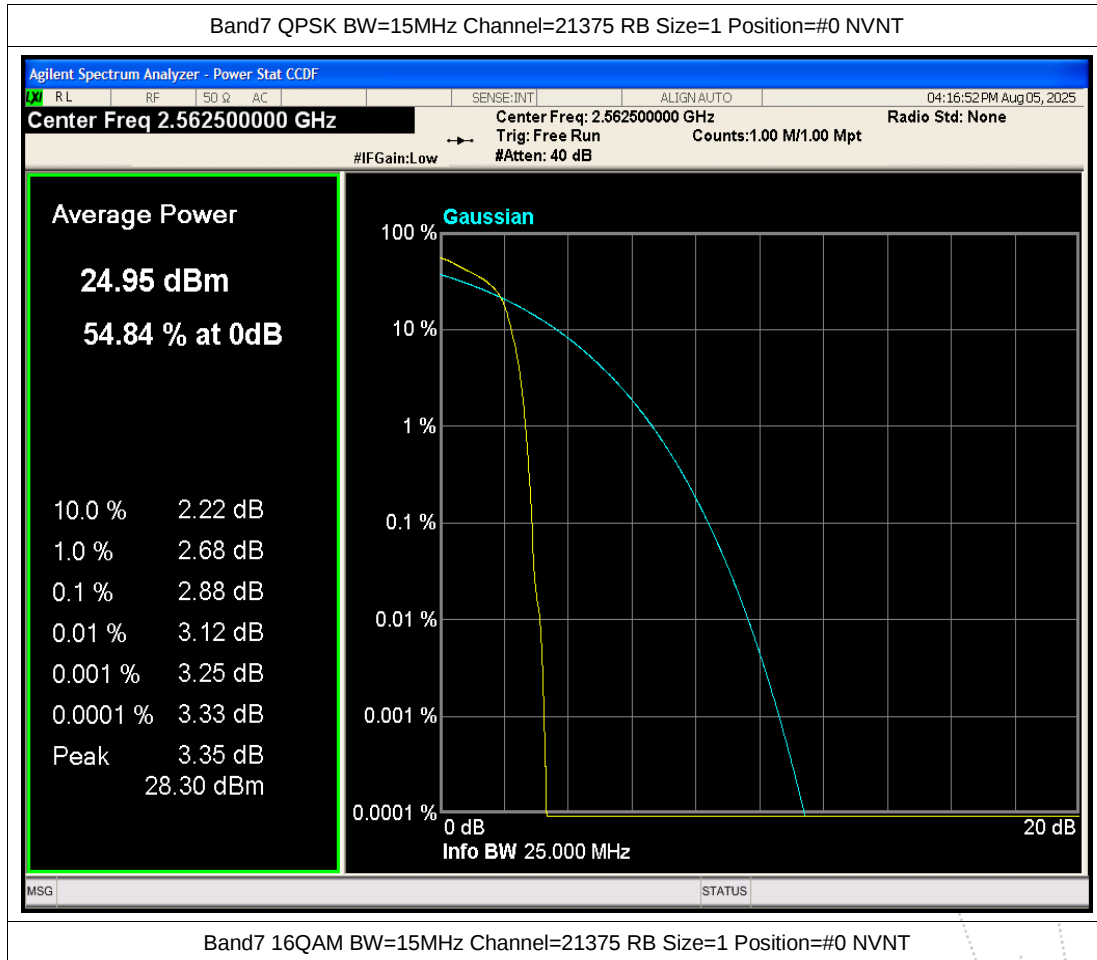


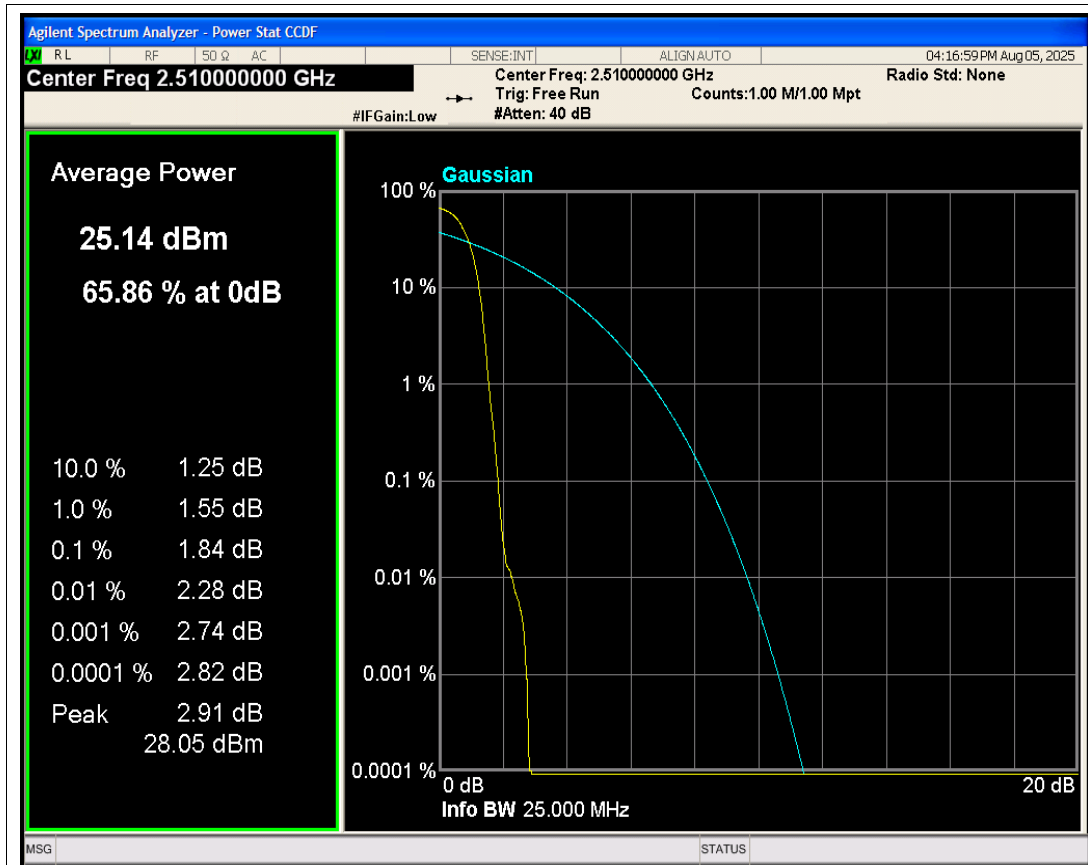
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0 NVNT



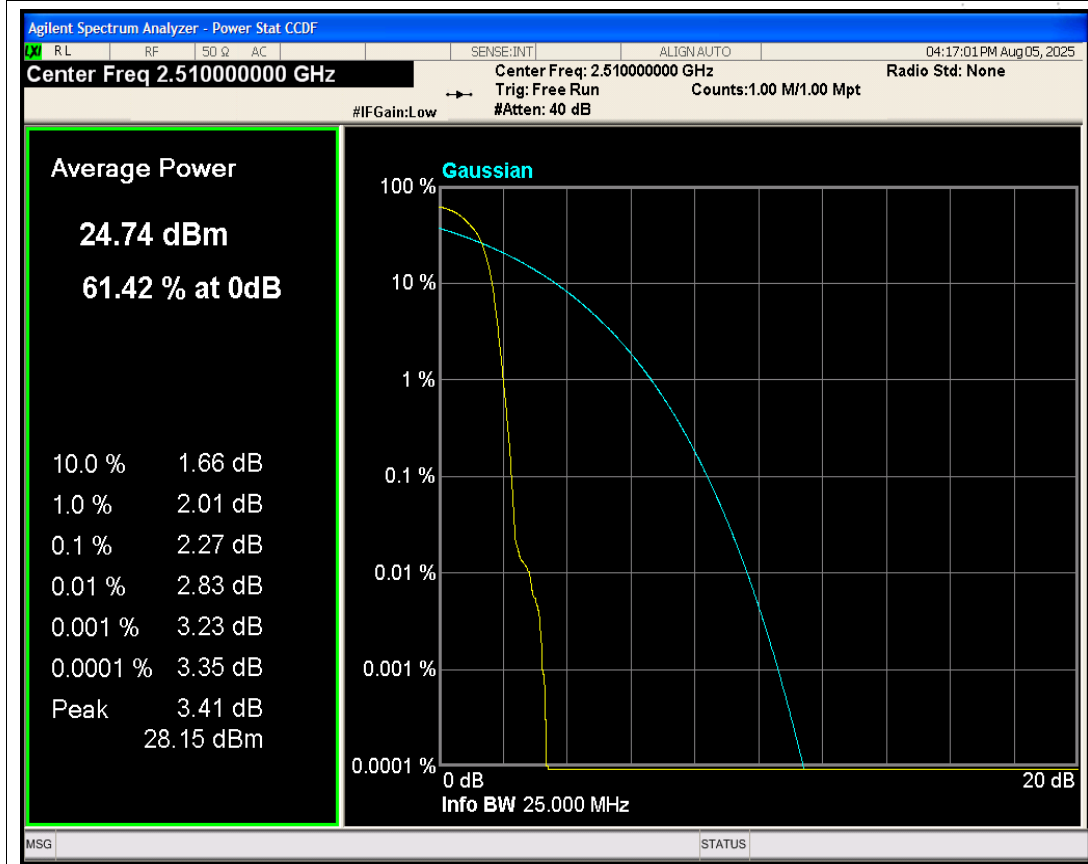
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0 NVNT

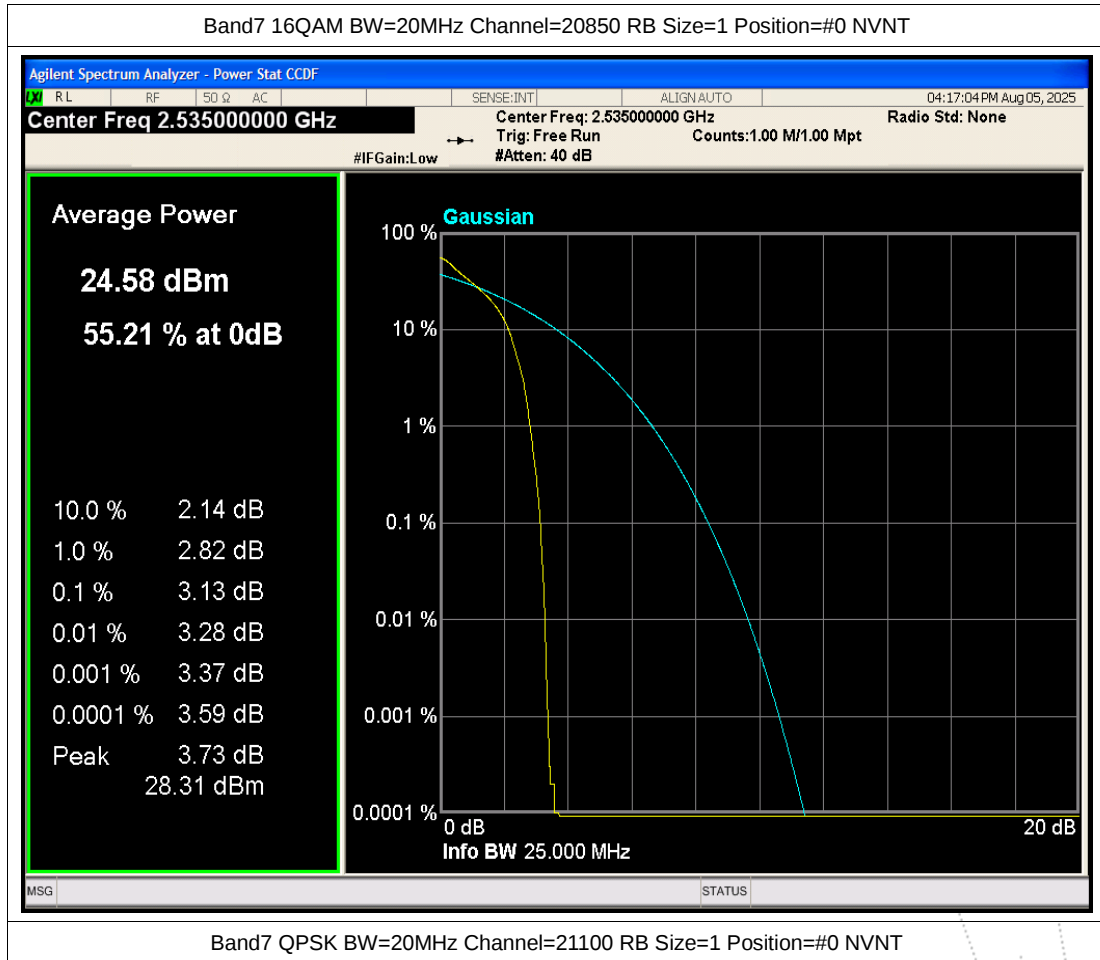


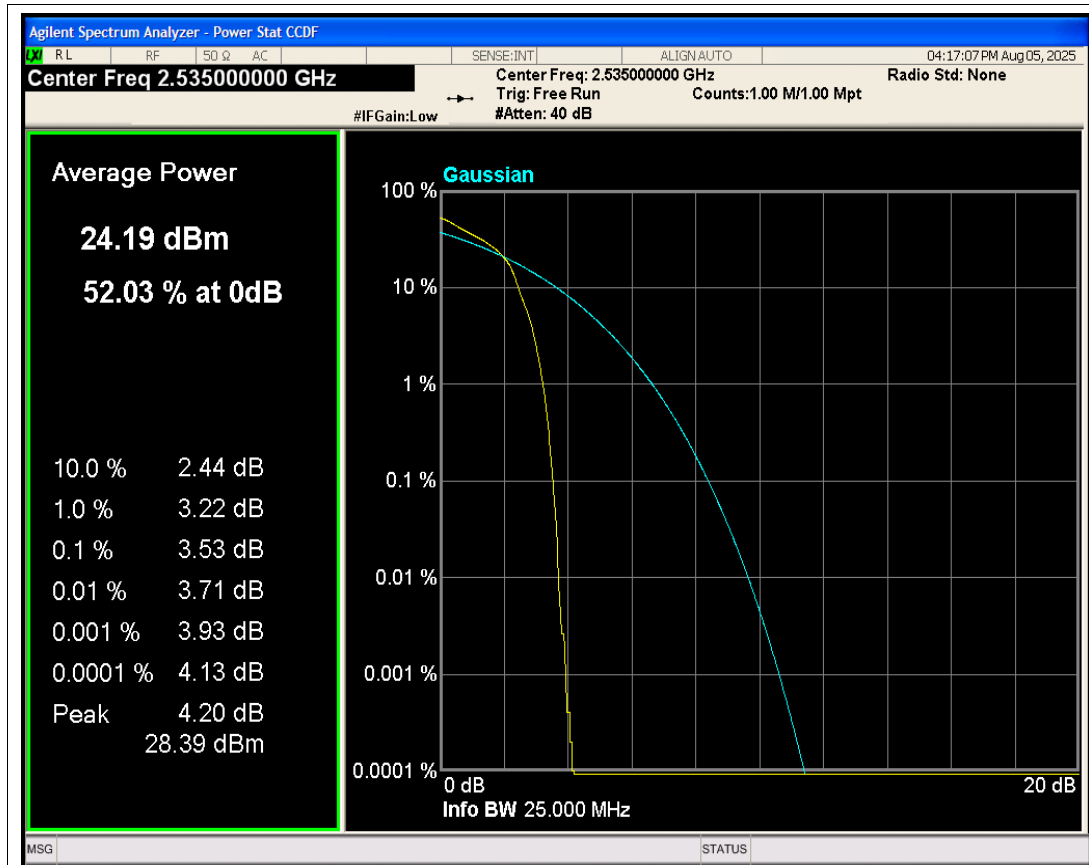




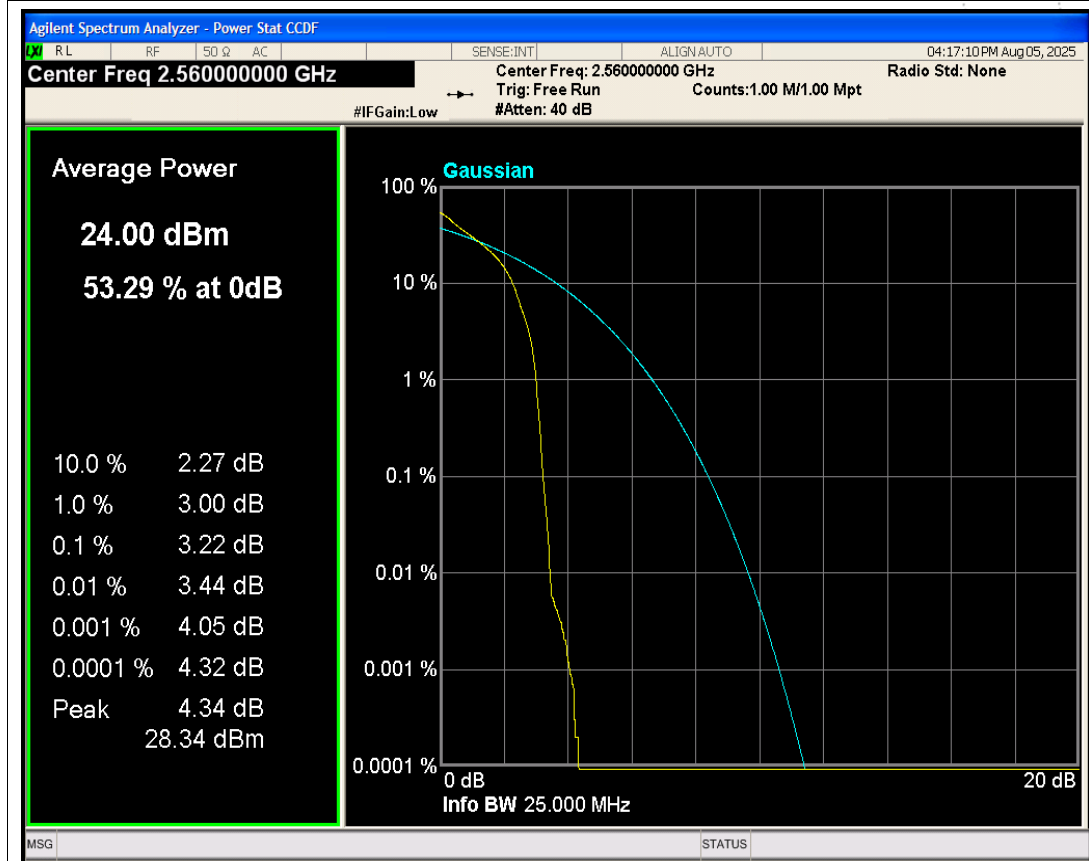
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0 NVNT

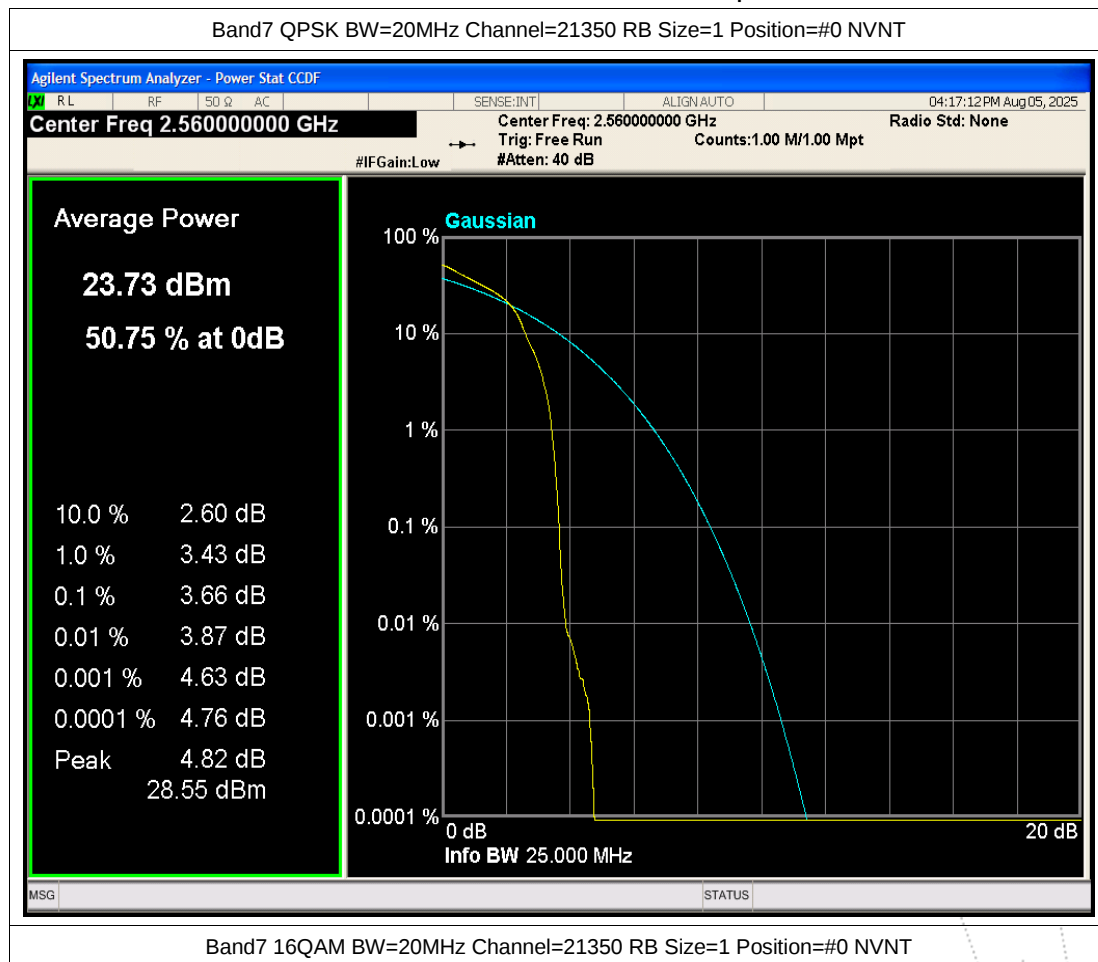






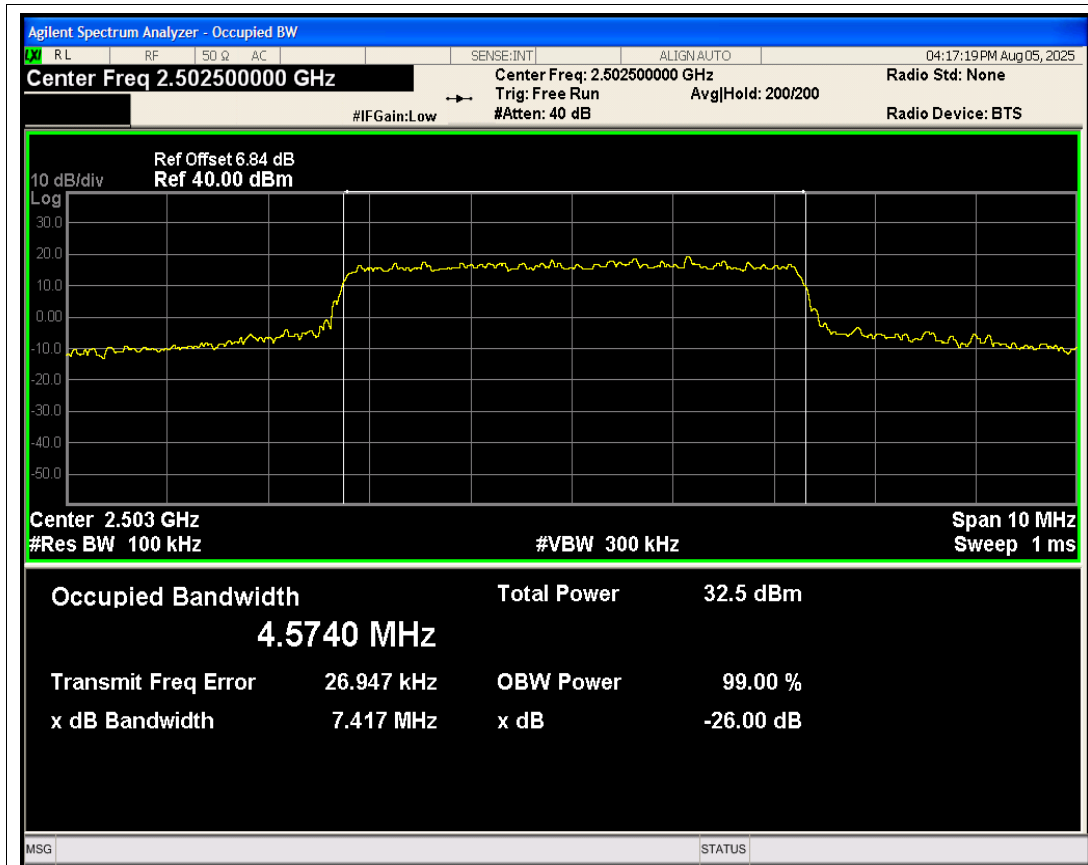
Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0 NVNT



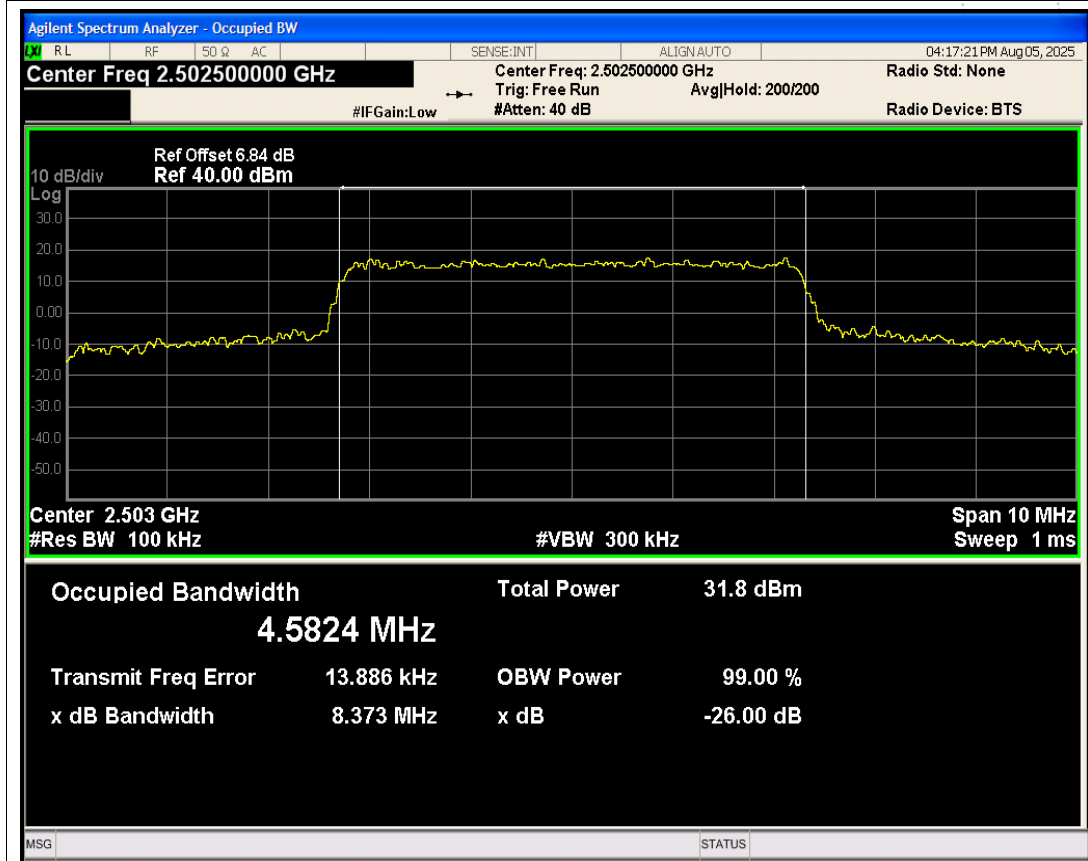


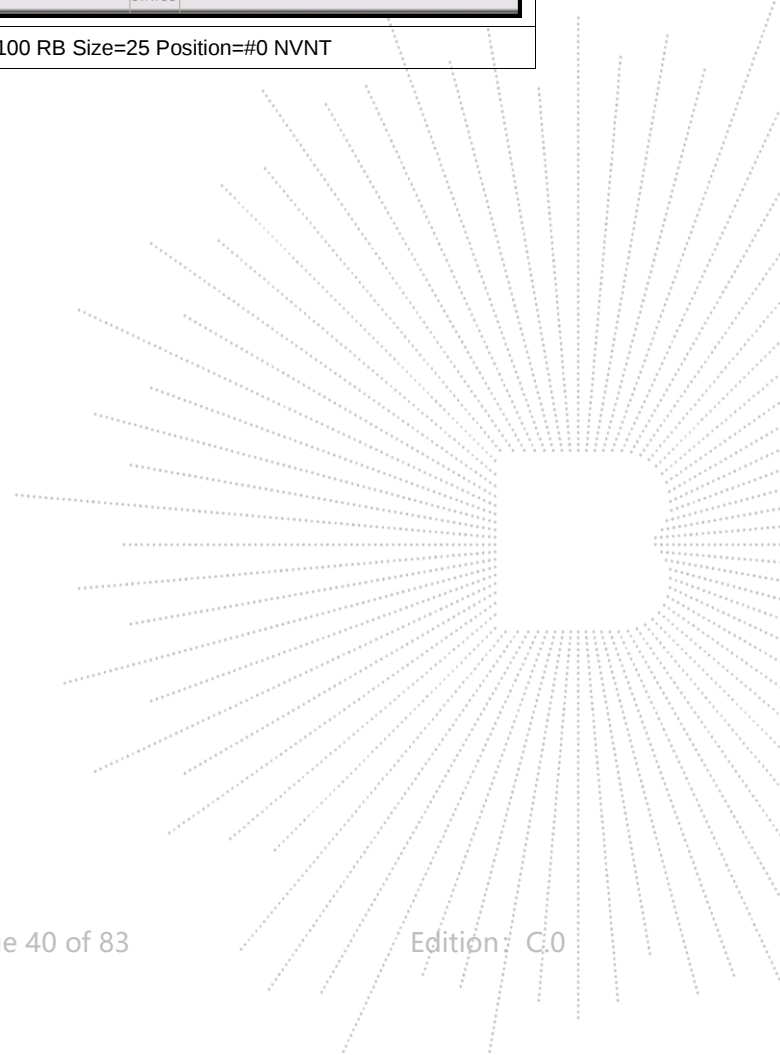
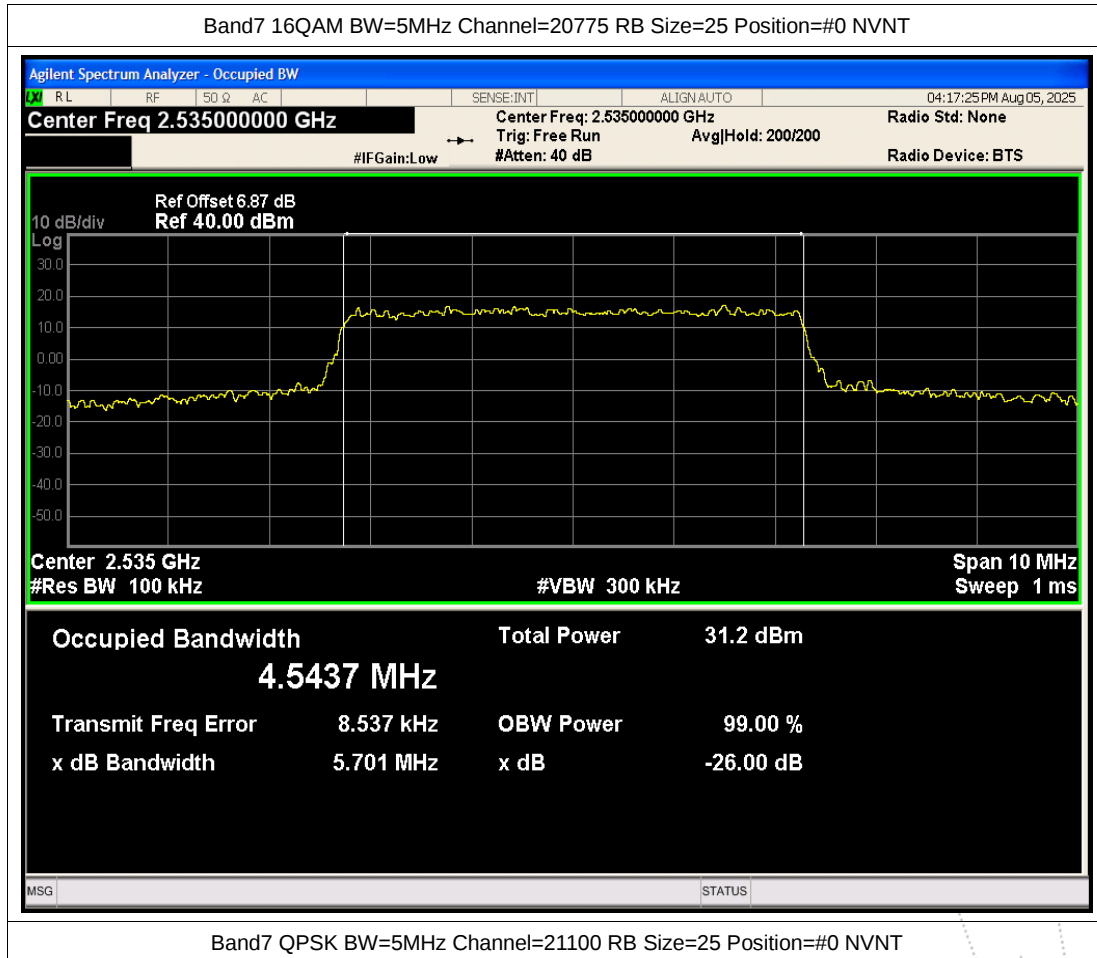
Appendix 4.Occupied bandwidth

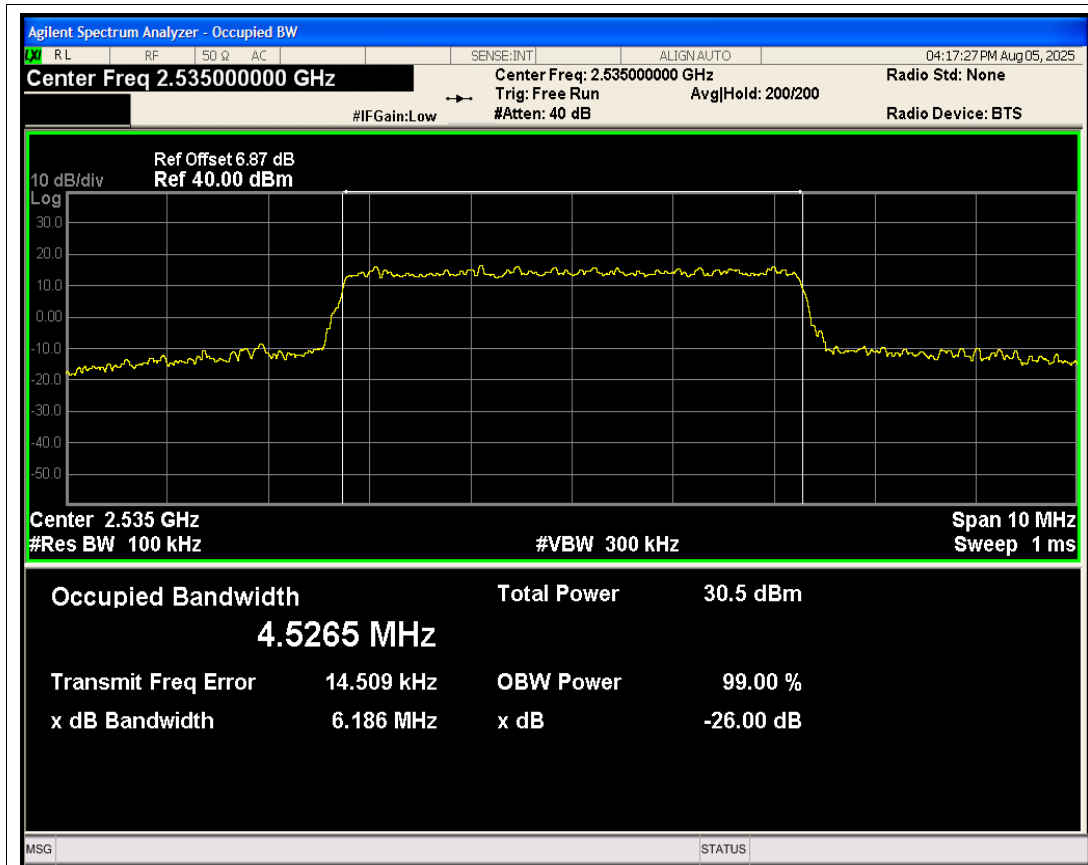
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band7	5	20775	25	#0	QPSK	4.574	7.417	PASS
NVNT	Band7	5	20775	25	#0	16QAM	4.582	8.373	PASS
NVNT	Band7	5	21100	25	#0	QPSK	4.544	5.701	PASS
NVNT	Band7	5	21100	25	#0	16QAM	4.526	6.186	PASS
NVNT	Band7	5	21425	25	#0	QPSK	4.529	4.980	PASS
NVNT	Band7	5	21425	25	#0	16QAM	4.528	4.963	PASS
NVNT	Band7	10	20800	50	#0	QPSK	9.020	11.564	PASS
NVNT	Band7	10	20800	50	#0	16QAM	9.036	11.632	PASS
NVNT	Band7	10	21100	50	#0	QPSK	9.048	13.772	PASS
NVNT	Band7	10	21100	50	#0	16QAM	9.052	12.171	PASS
NVNT	Band7	10	21400	50	#0	QPSK	9.038	9.926	PASS
NVNT	Band7	10	21400	50	#0	16QAM	9.021	9.949	PASS
NVNT	Band7	15	20825	75	#0	QPSK	13.469	14.869	PASS
NVNT	Band7	15	20825	75	#0	16QAM	13.500	14.796	PASS
NVNT	Band7	15	21100	75	#0	QPSK	13.553	16.555	PASS
NVNT	Band7	15	21100	75	#0	16QAM	13.613	16.007	PASS
NVNT	Band7	15	21375	75	#0	QPSK	13.538	15.021	PASS
NVNT	Band7	15	21375	75	#0	16QAM	13.506	14.634	PASS
NVNT	Band7	20	20850	100	#0	QPSK	17.969	19.812	PASS
NVNT	Band7	20	20850	100	#0	16QAM	18.002	19.670	PASS
NVNT	Band7	20	21100	100	#0	QPSK	18.077	21.309	PASS
NVNT	Band7	20	21100	100	#0	16QAM	18.133	30.457	PASS
NVNT	Band7	20	21350	100	#0	QPSK	18.002	19.419	PASS
NVNT	Band7	20	21350	100	#0	16QAM	18.028	19.669	PASS



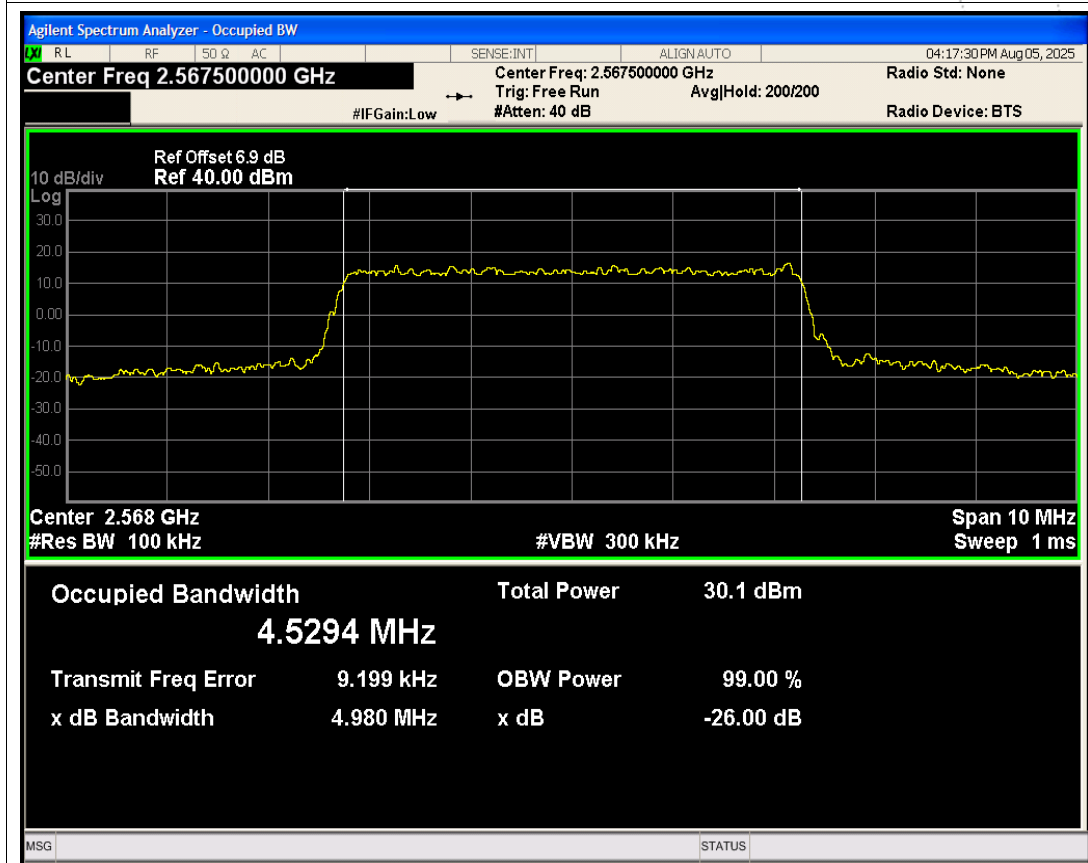
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT

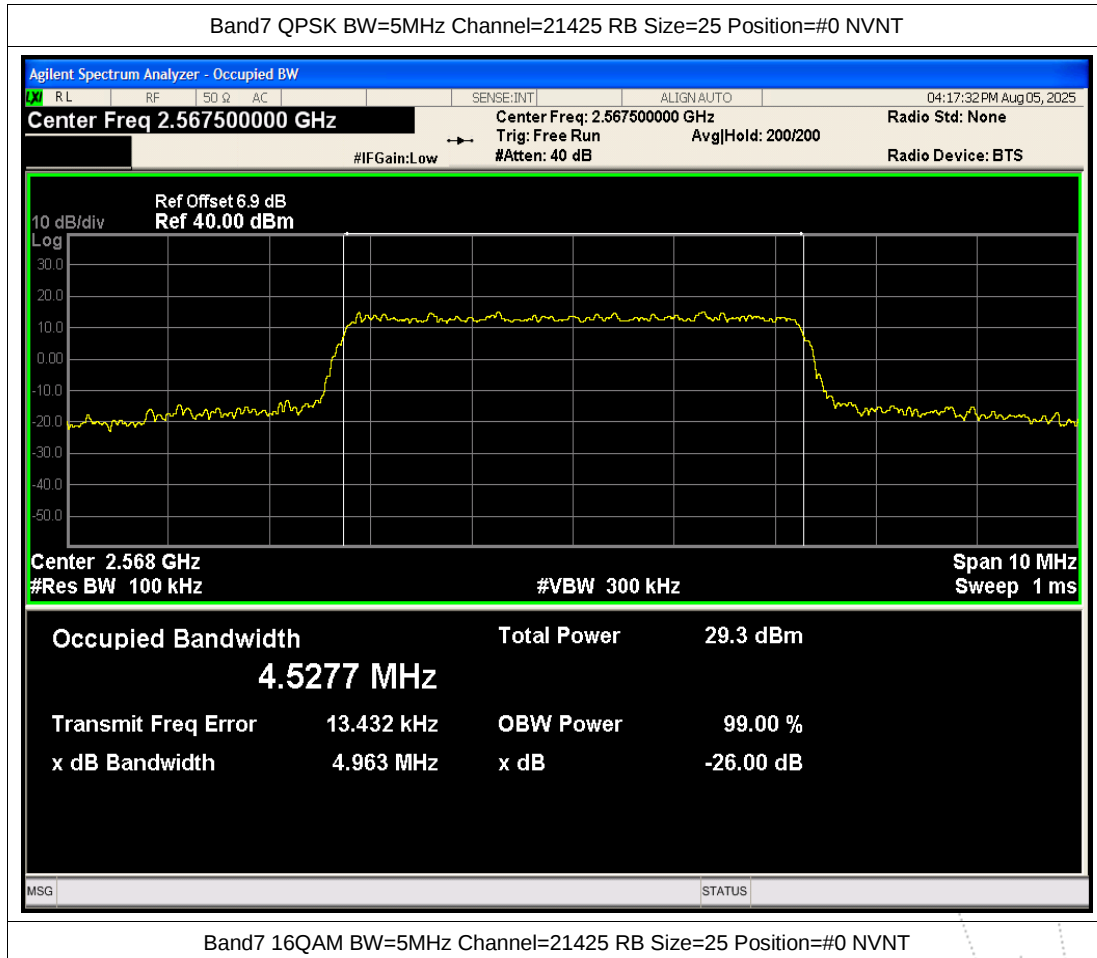


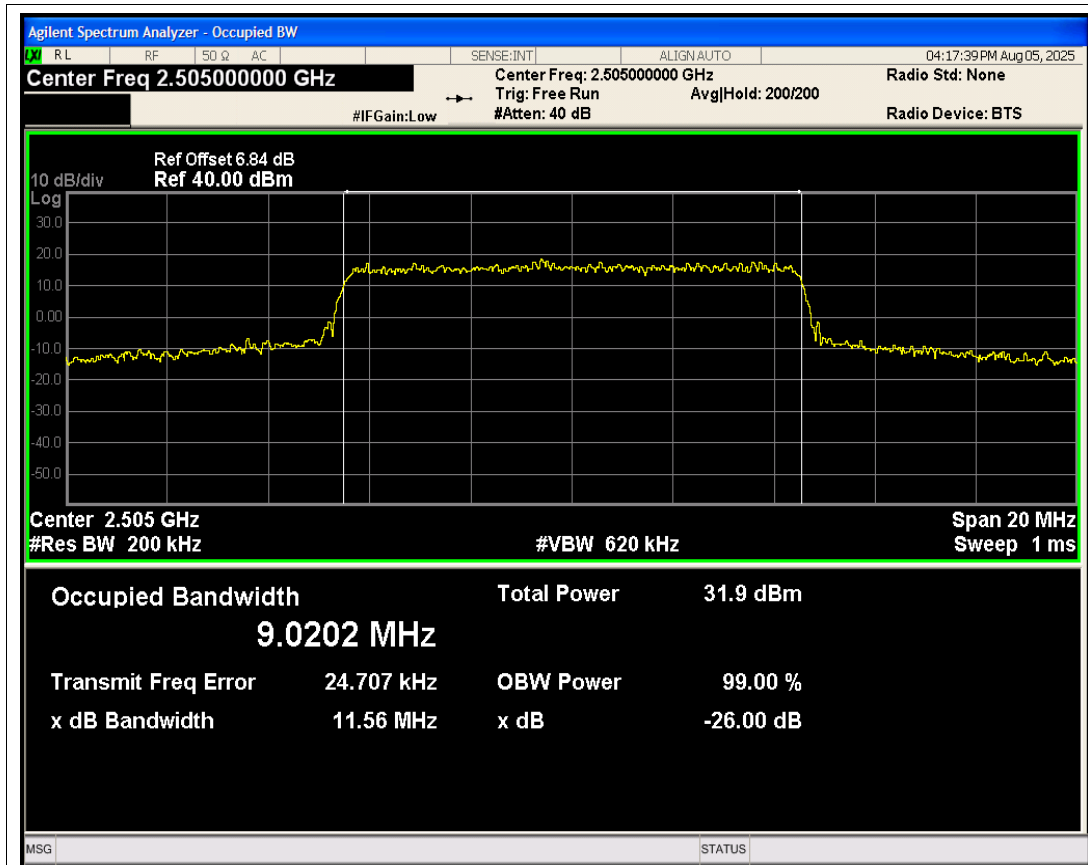




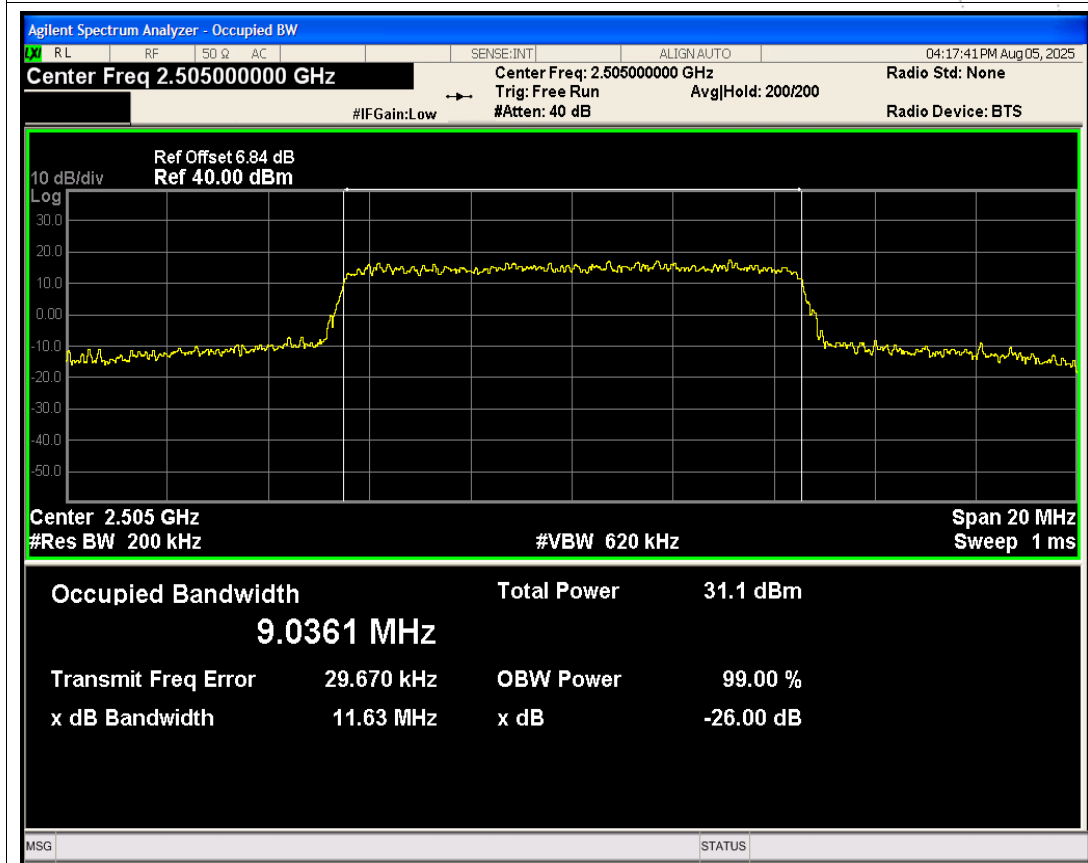
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT

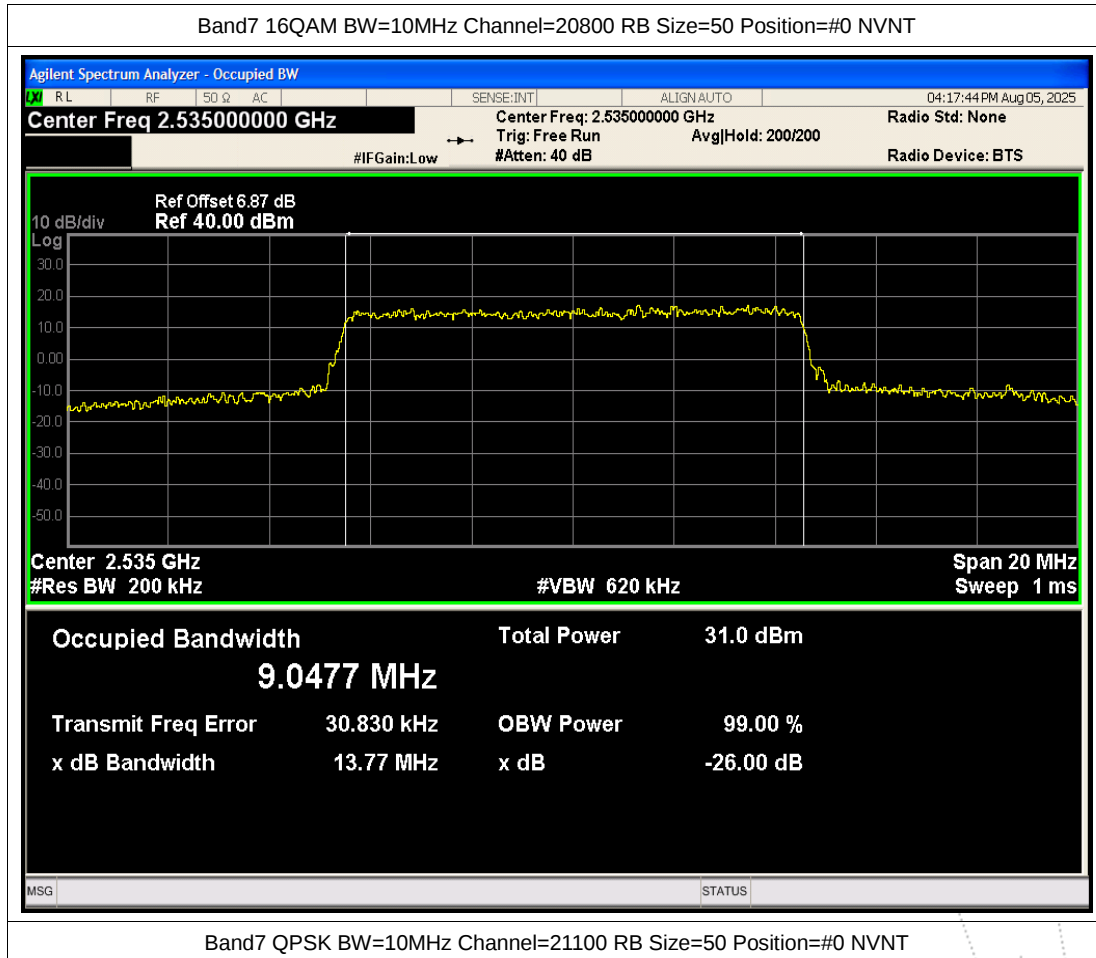


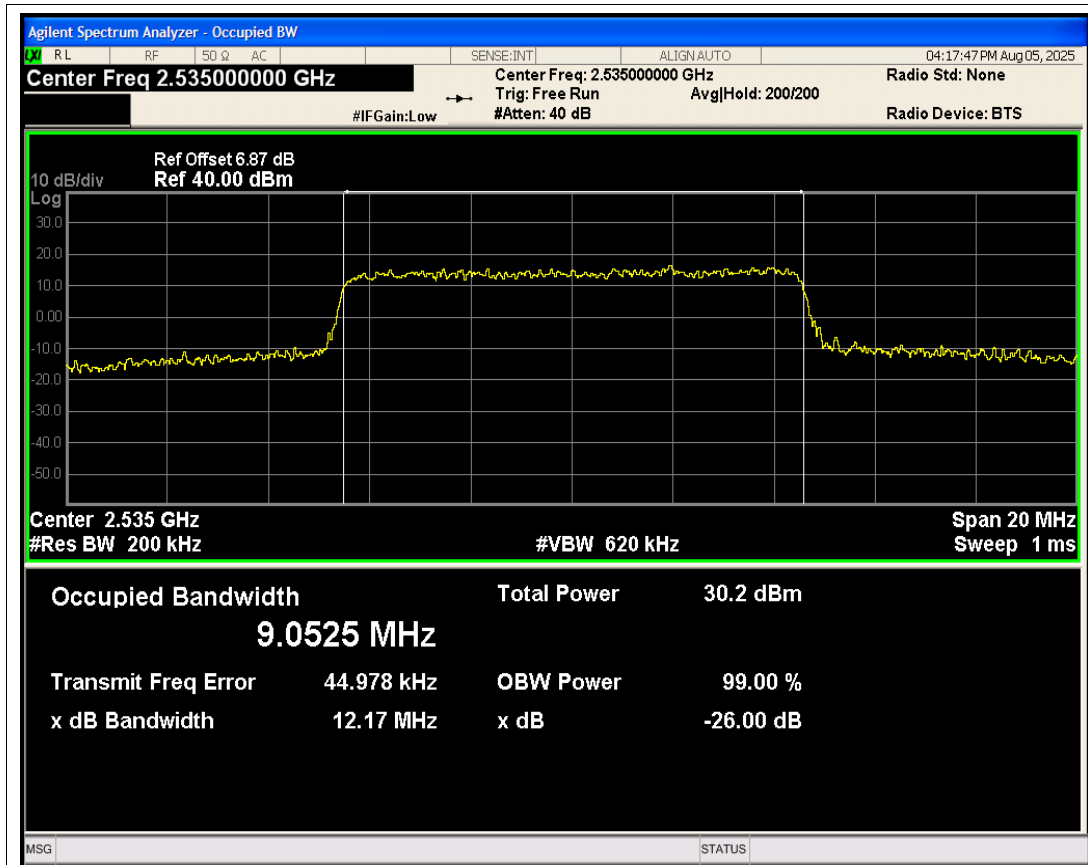




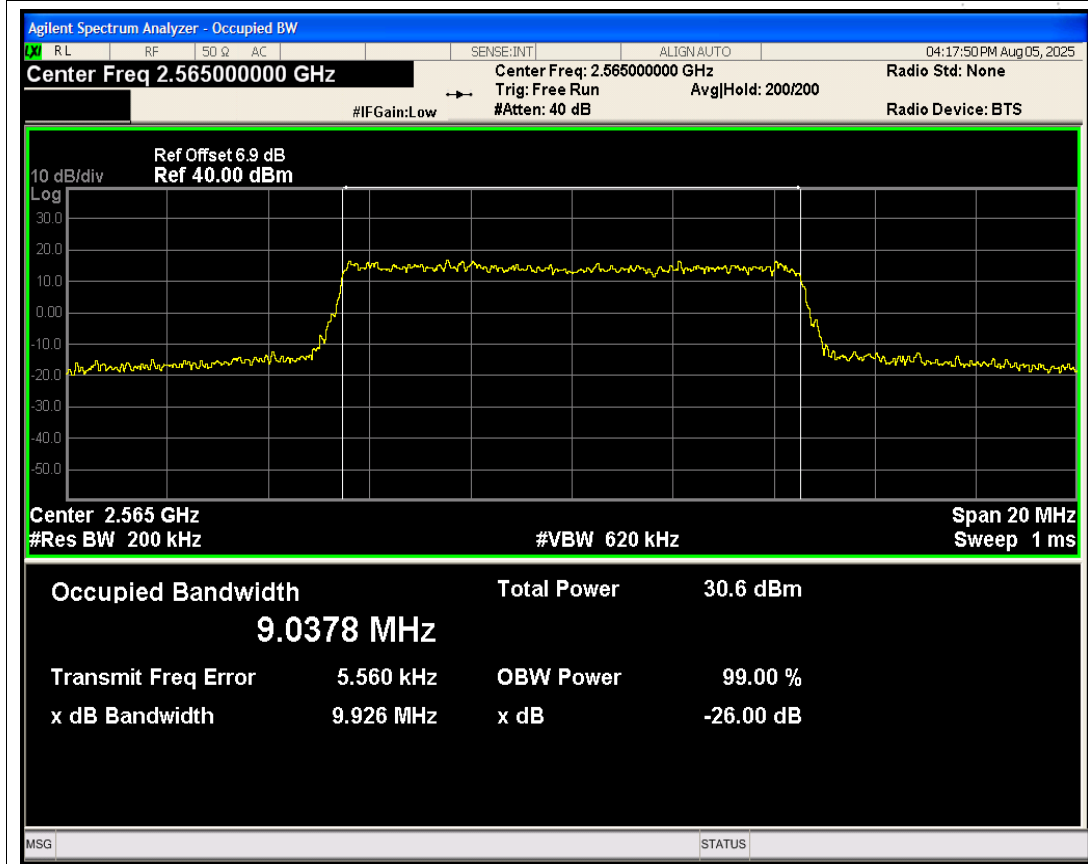
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT





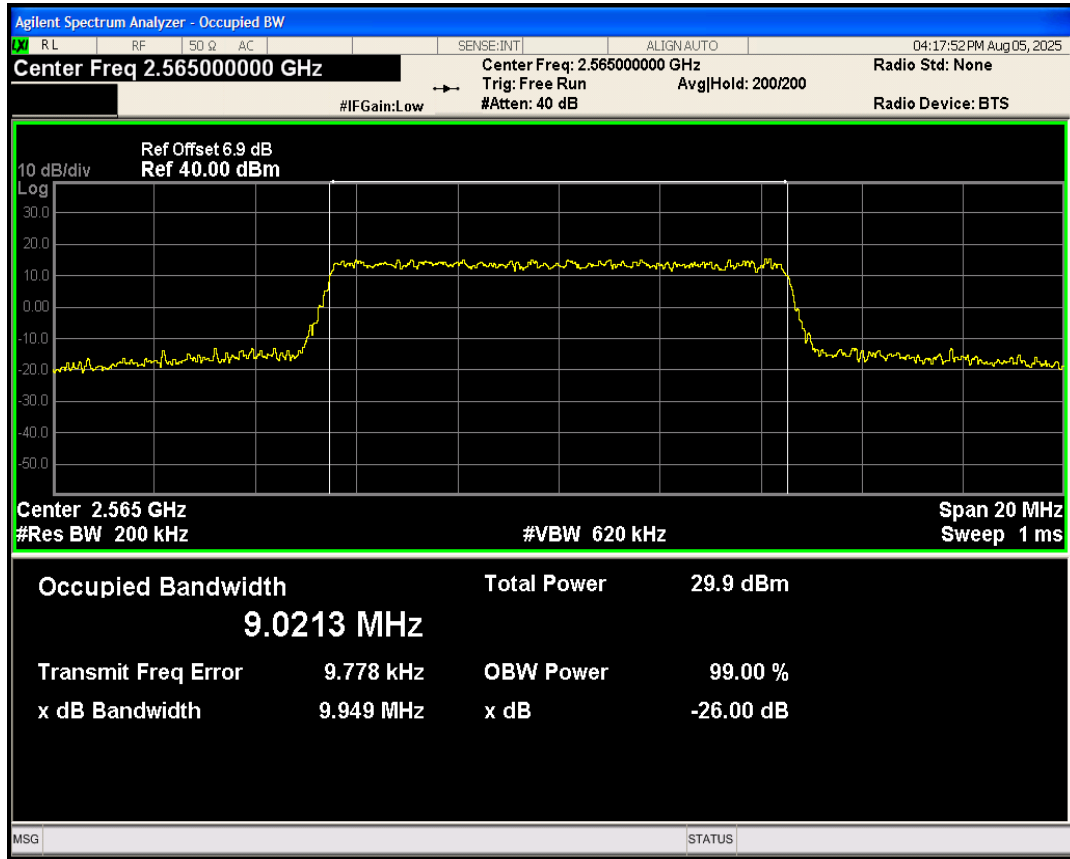


Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT

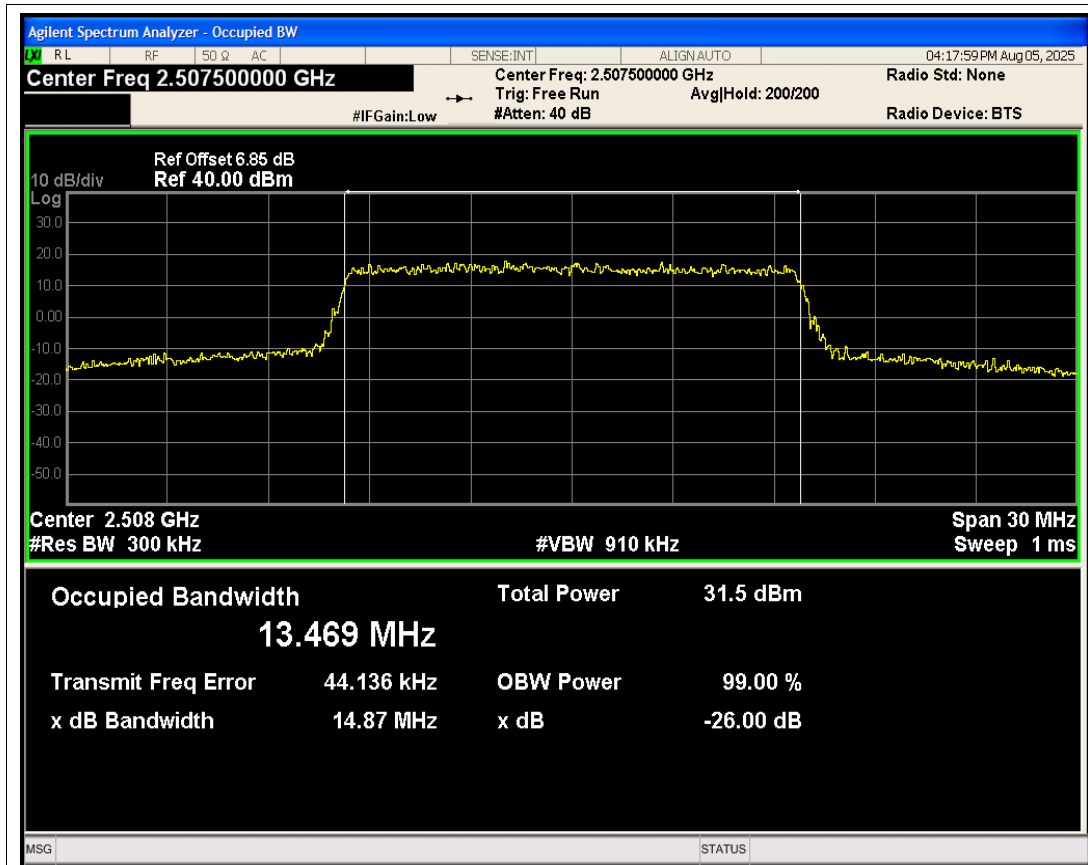




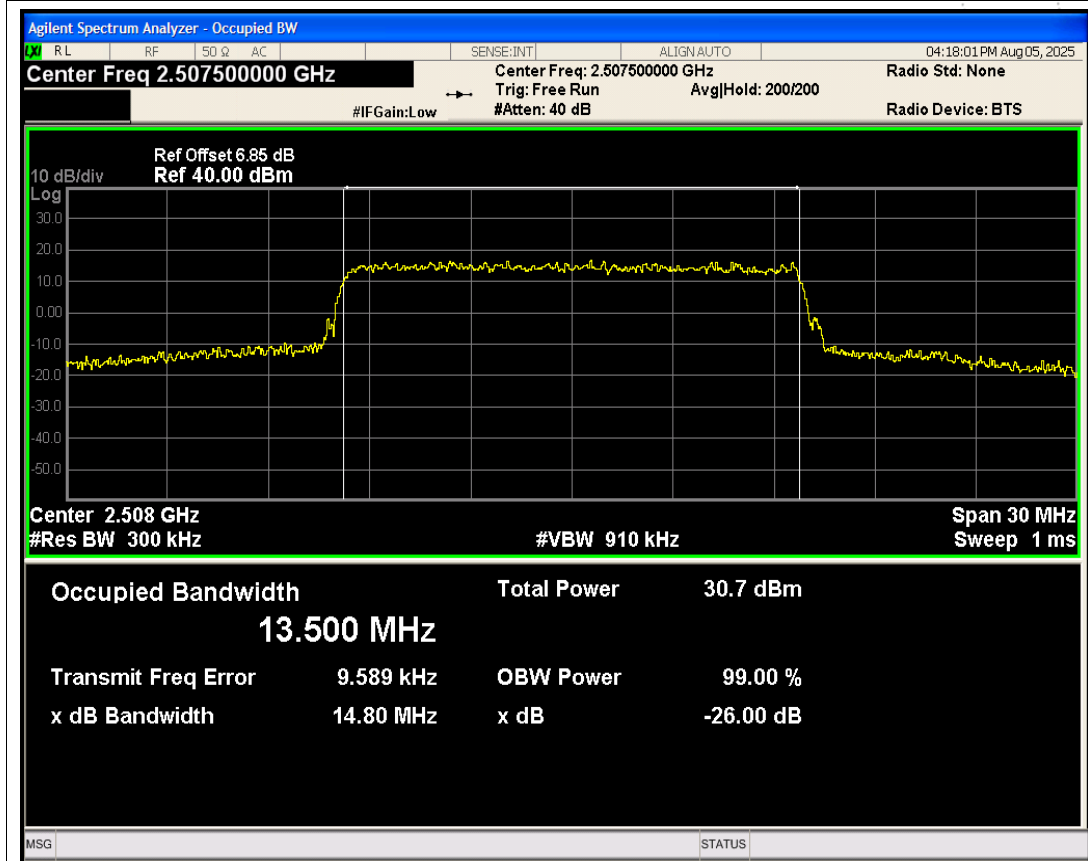
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT

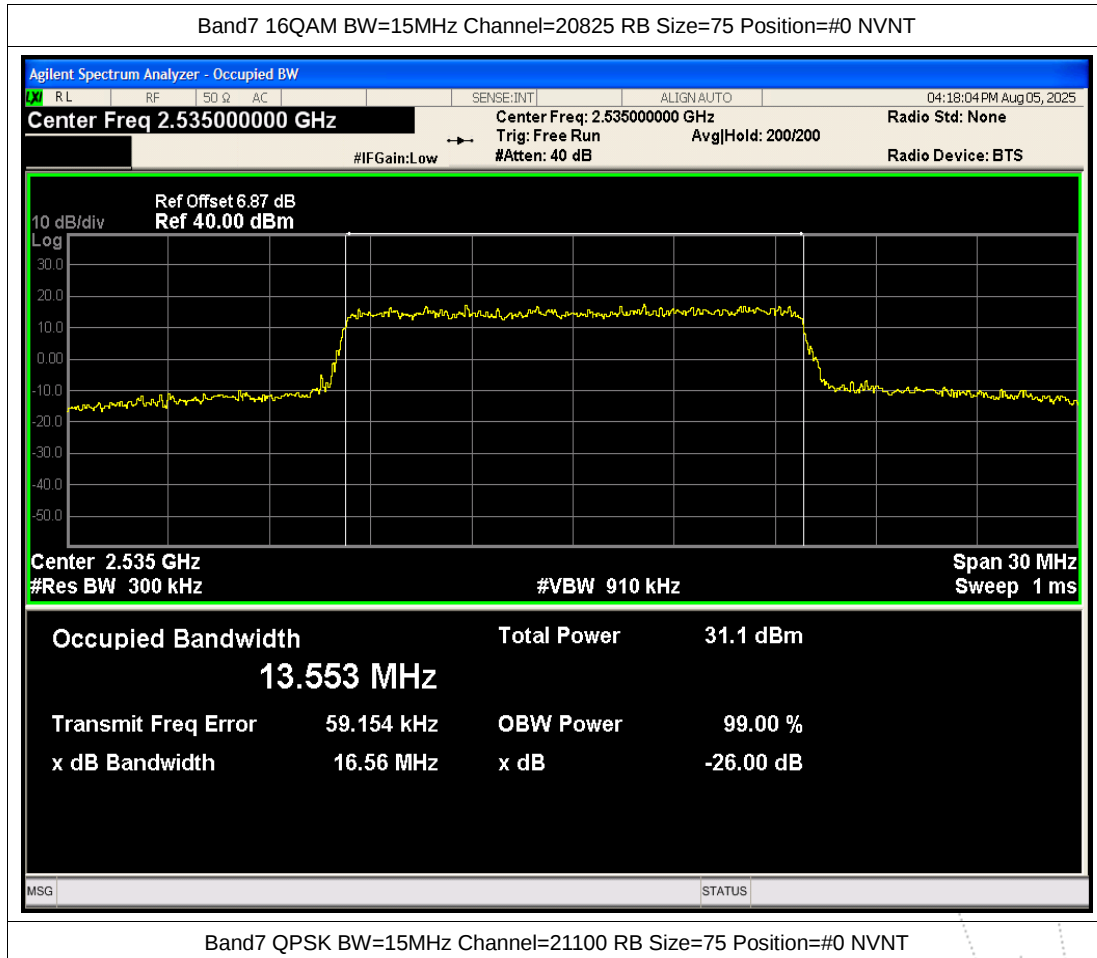


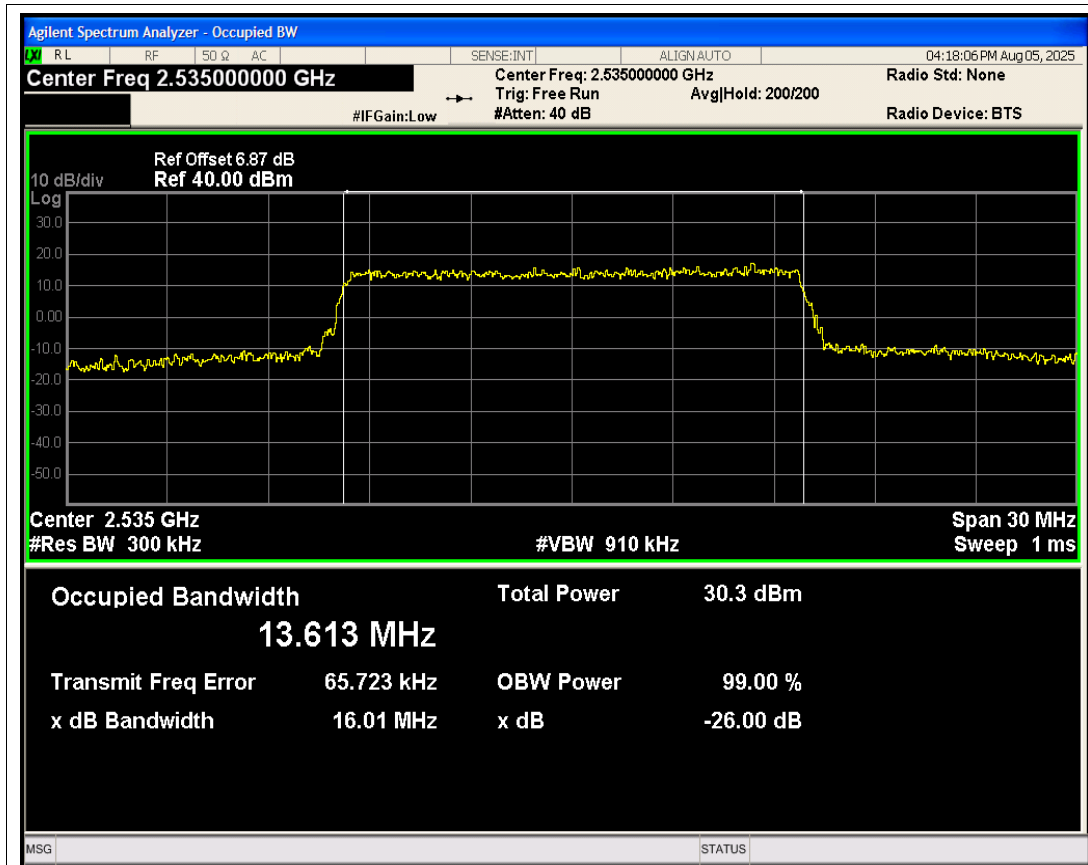
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



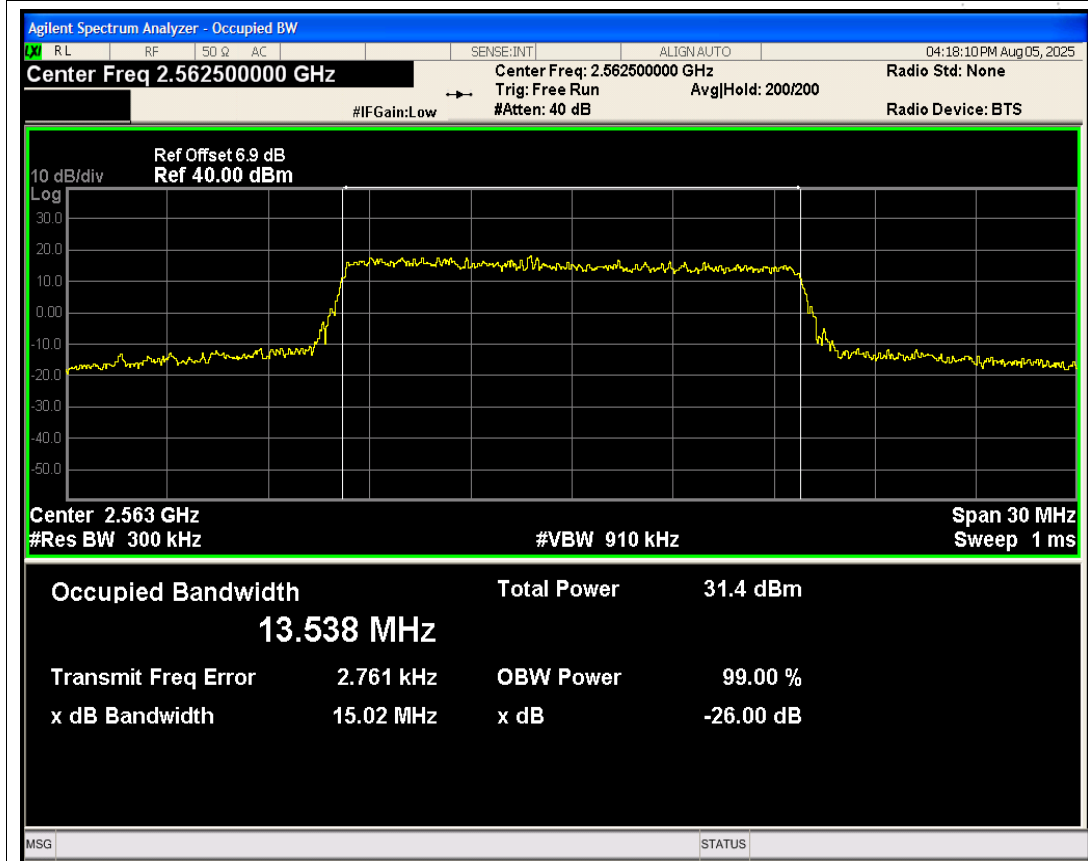
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT

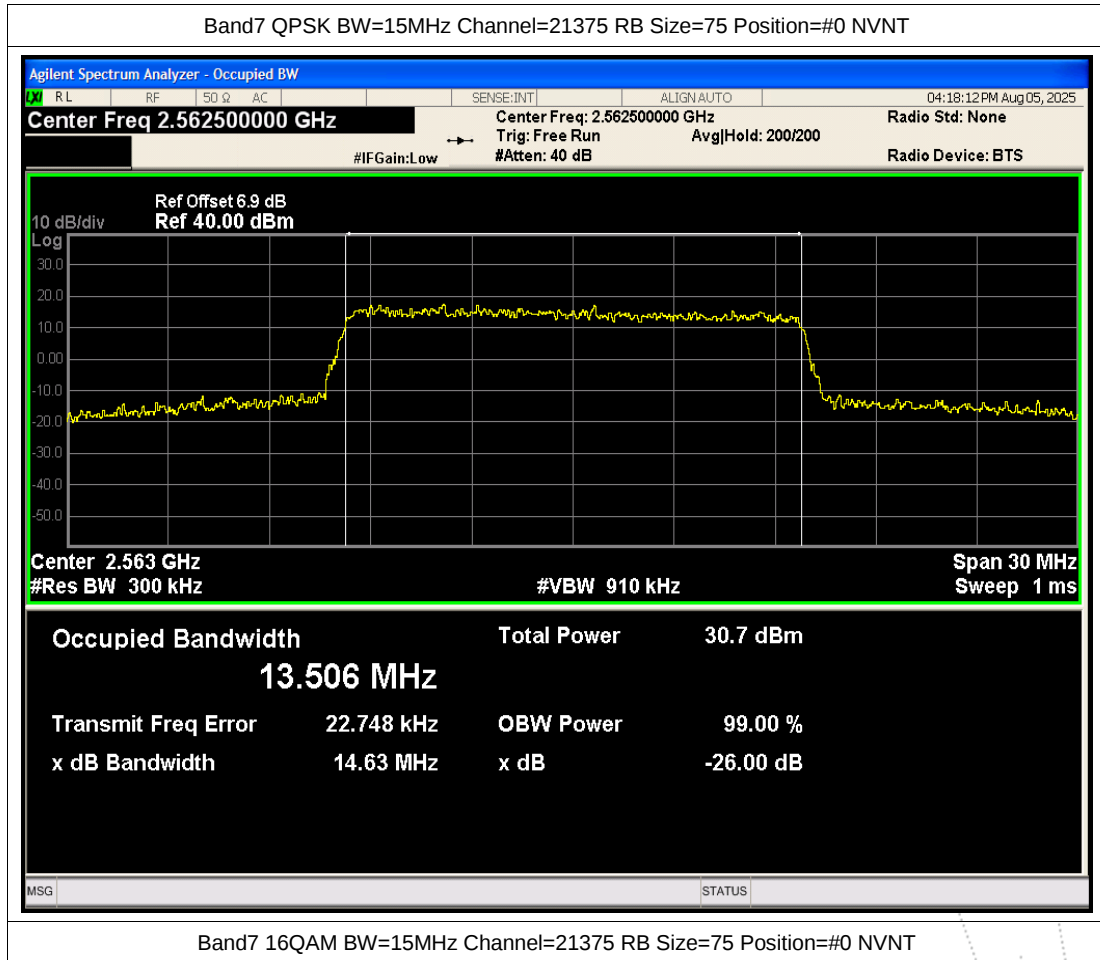


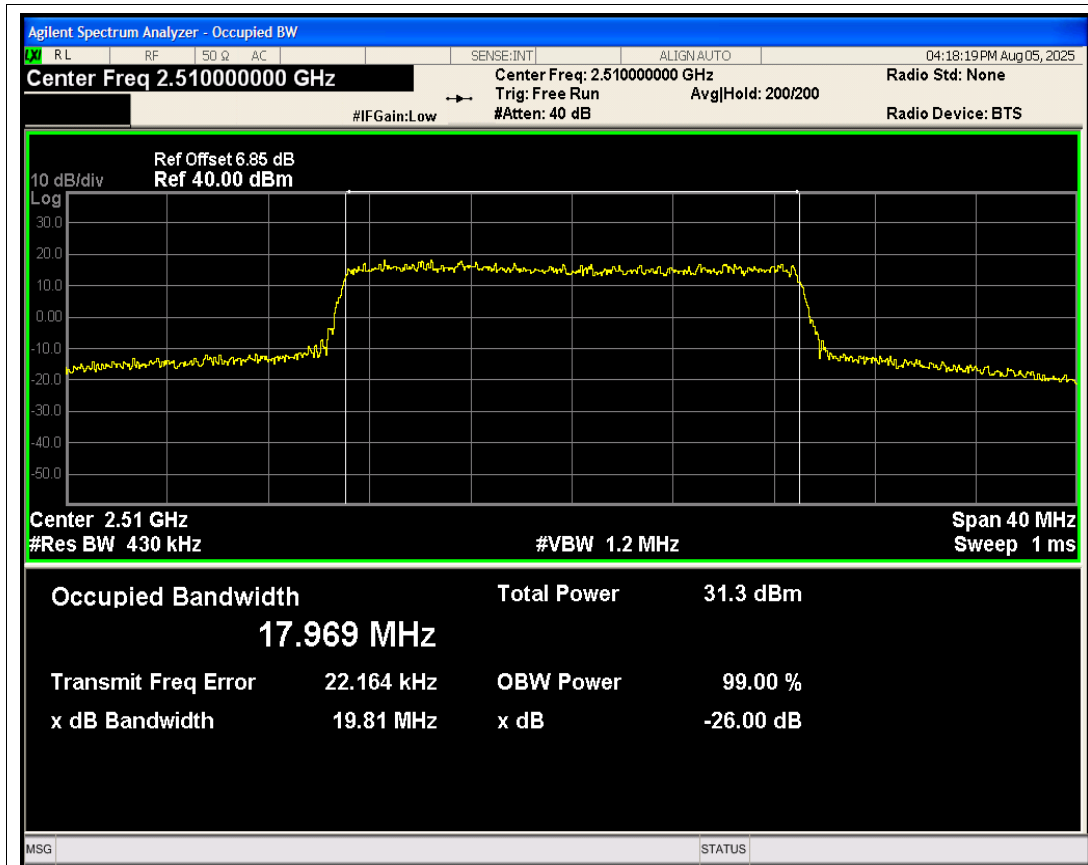




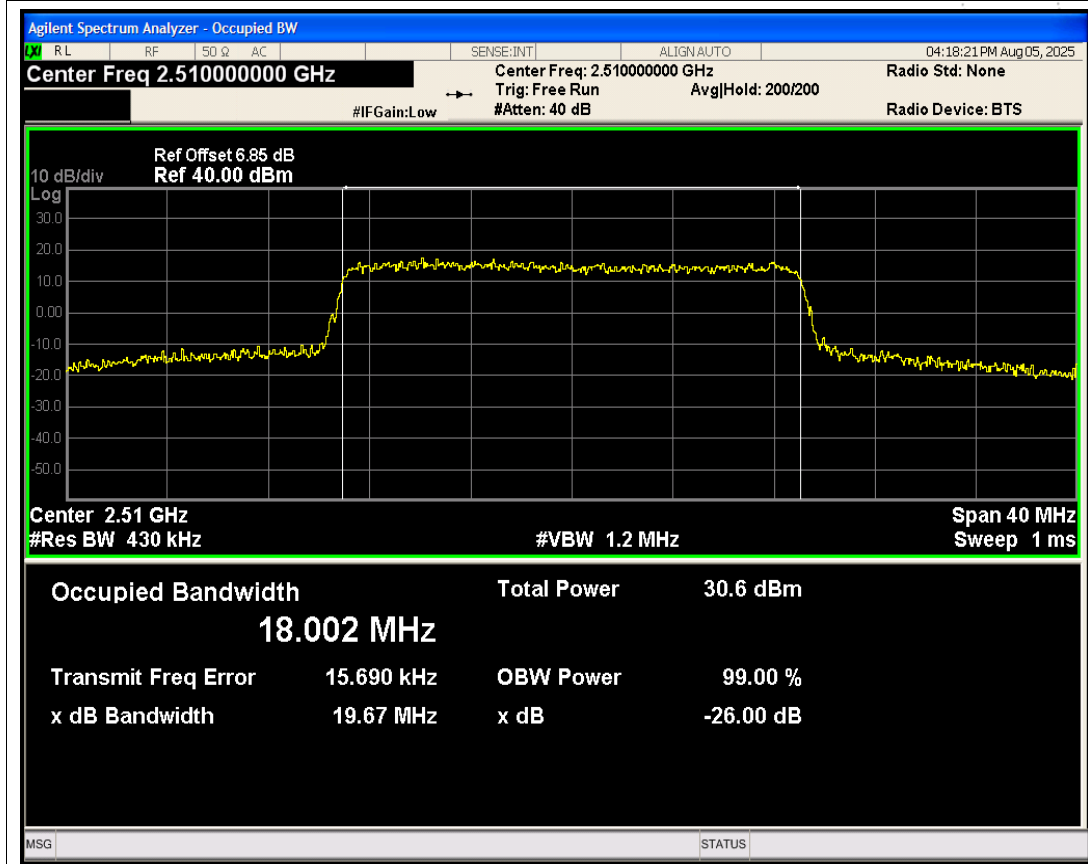
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT

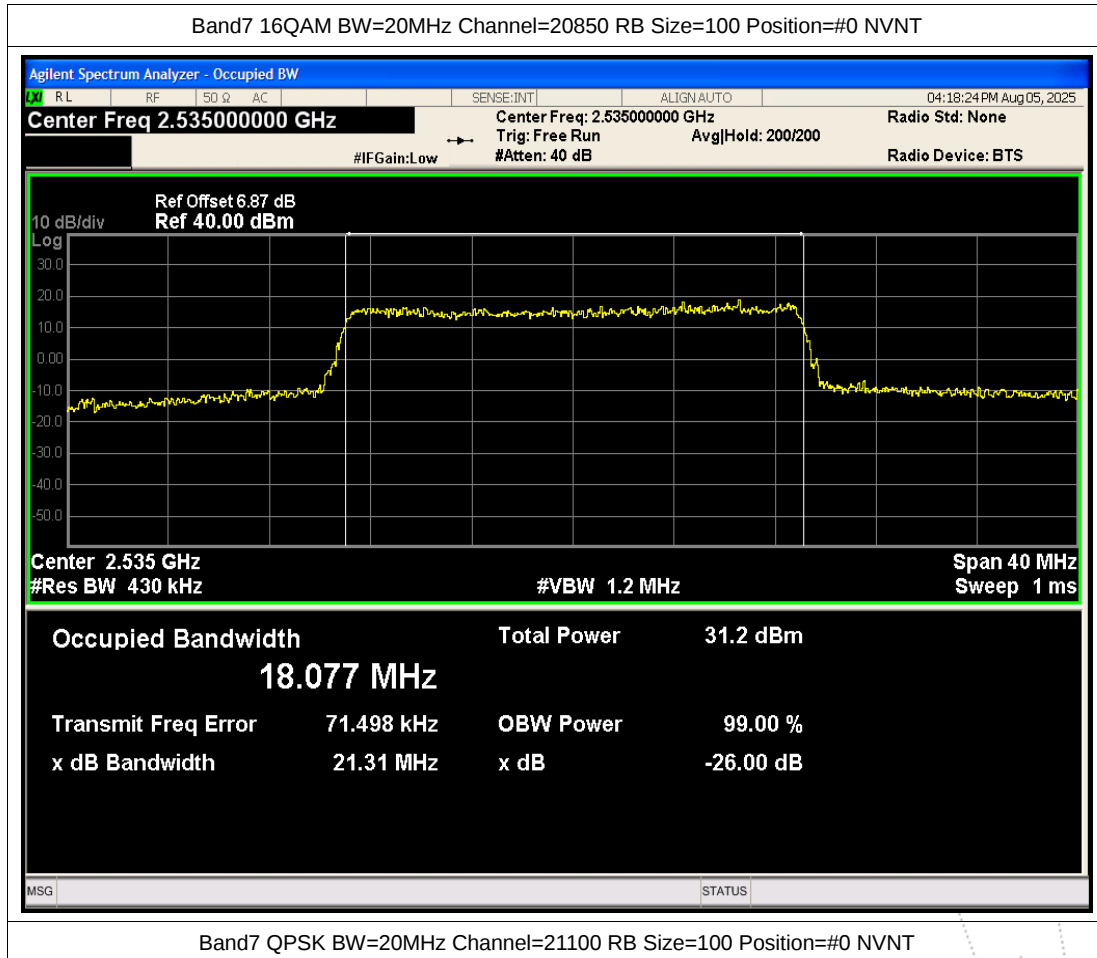


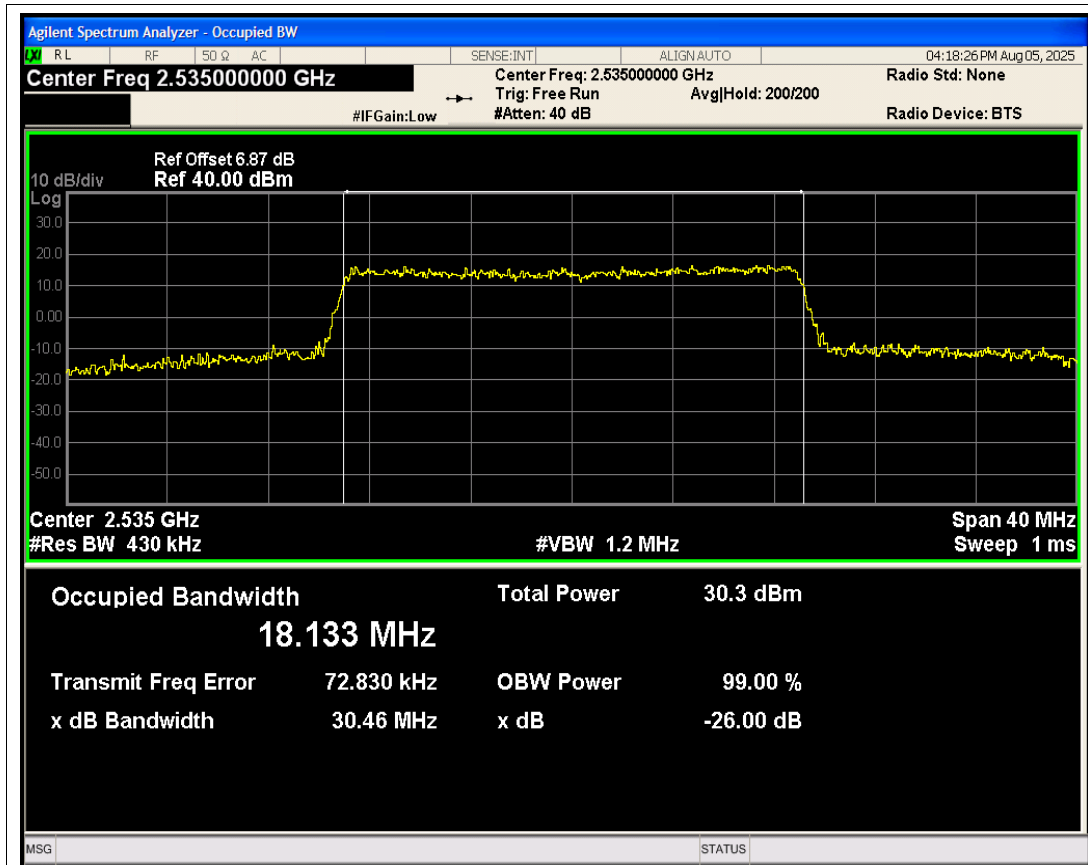




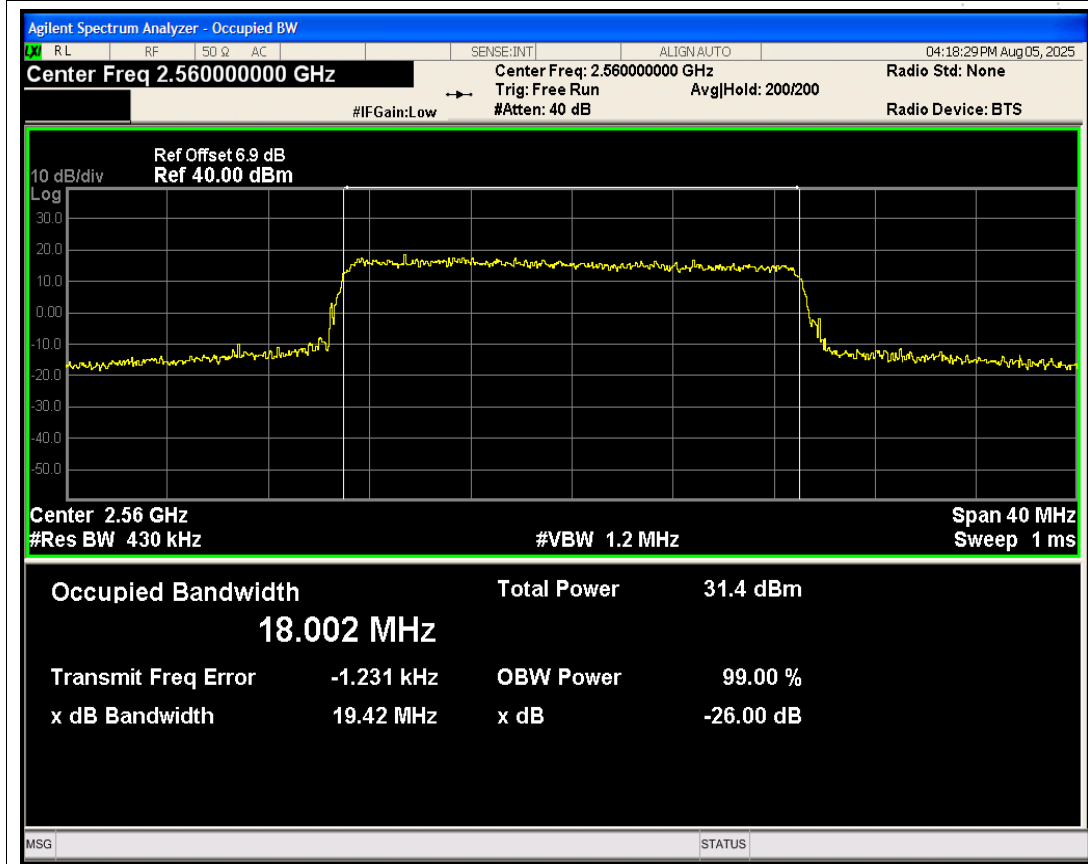
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT

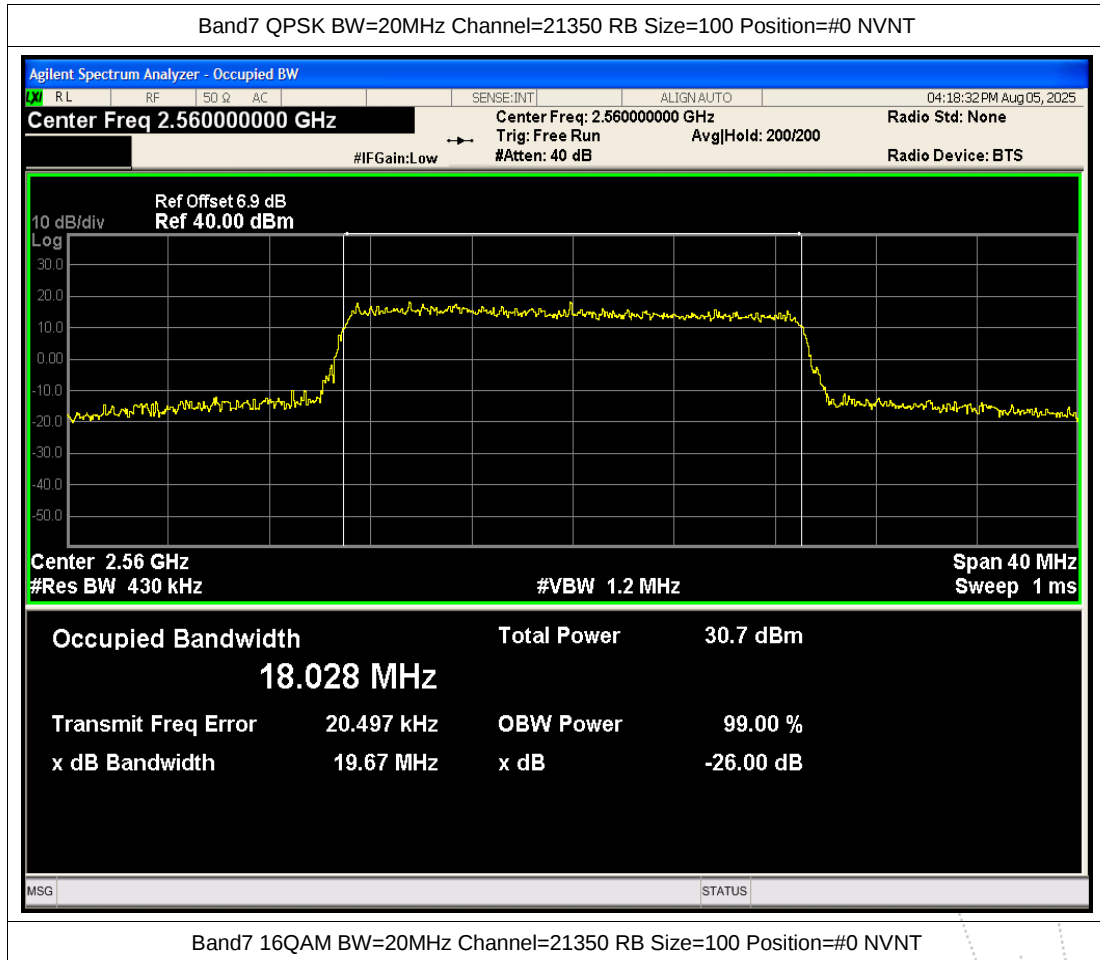






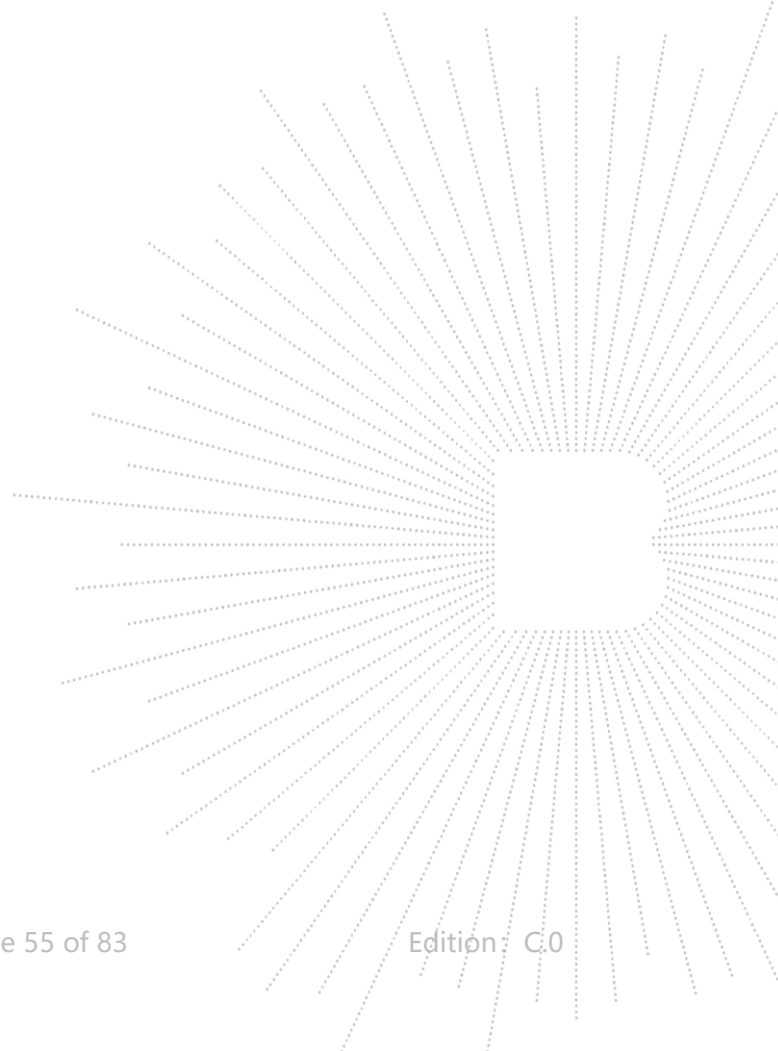
Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0 NVNT

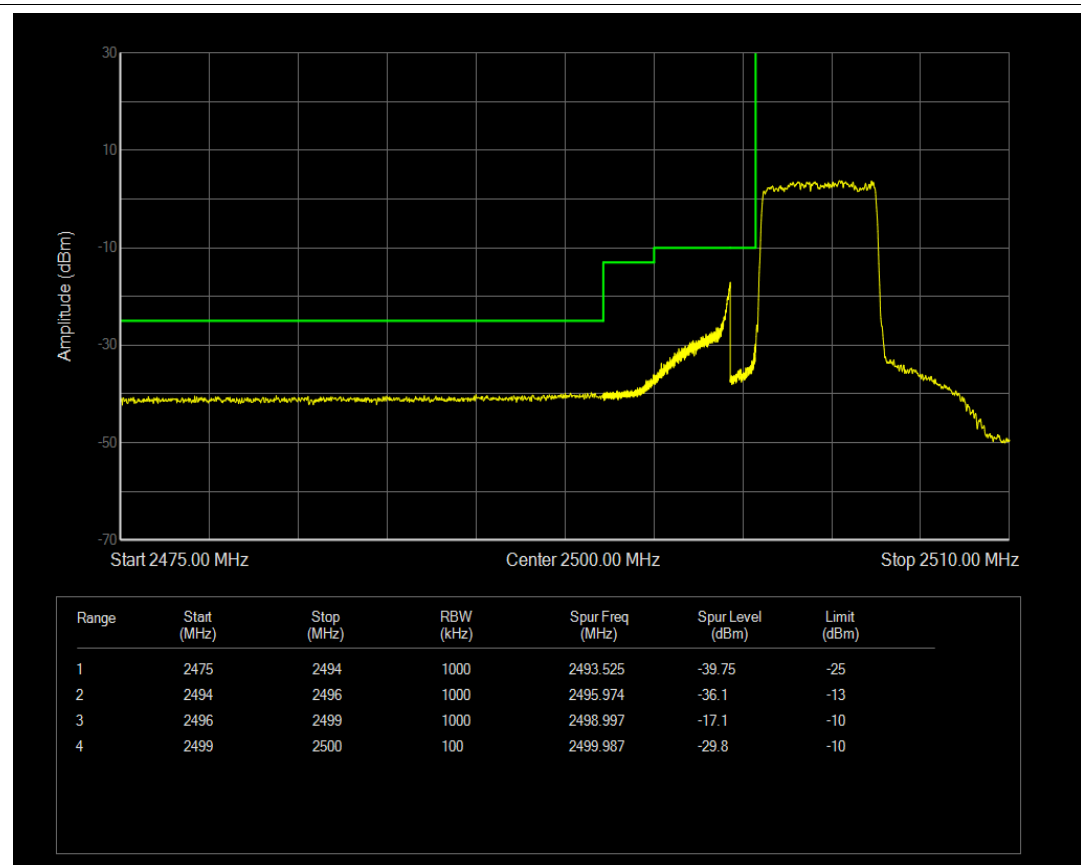




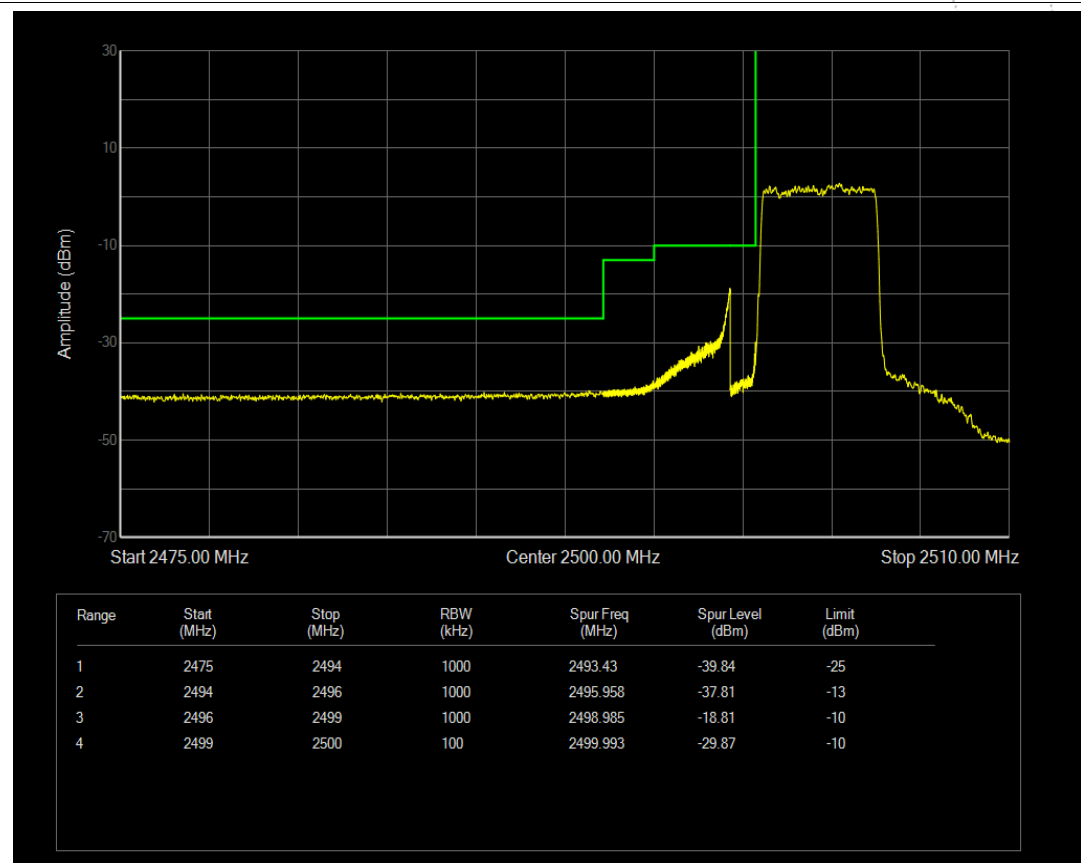
Appendix 5.Band edge

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band7	5	20775	25	#0	QPSK	2499.00	-17.10	-10	FAIL
NVNT	Band7	5	20775	25	#0	16QAM	2498.99	-18.81	-10	FAIL
NVNT	Band7	5	21425	25	#0	QPSK	2571.00	-10.41	-10	PASS
NVNT	Band7	5	21425	25	#0	16QAM	2571.01	-12.67	-10	PASS
NVNT	Band7	10	20800	50	#0	QPSK	2487.45	-40.14	-25	FAIL
NVNT	Band7	10	20800	50	#0	16QAM	2498.96	-11.24	-10	PASS
NVNT	Band7	10	21400	50	#0	QPSK	2571.12	-14.86	-10	PASS
NVNT	Band7	10	21400	50	#0	16QAM	2571.09	-16.10	-10	PASS
NVNT	Band7	15	20825	75	#0	QPSK	2495.93	-14.80	-13	PASS
NVNT	Band7	15	20825	75	#0	16QAM	2495.34	-16.20	-13	PASS
NVNT	Band7	15	21375	75	#0	QPSK	2575.51	-17.47	-13	PASS
NVNT	Band7	15	21375	75	#0	16QAM	2575.01	-18.31	-13	PASS
NVNT	Band7	20	20850	100	#0	QPSK	2495.81	-18.67	-13	PASS
NVNT	Band7	20	20850	100	#0	16QAM	2496.00	-19.35	-13	PASS
NVNT	Band7	20	21350	100	#0	QPSK	2575.15	-19.47	-13	PASS
NVNT	Band7	20	21350	100	#0	16QAM	2575.21	-20.85	-13	PASS





Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



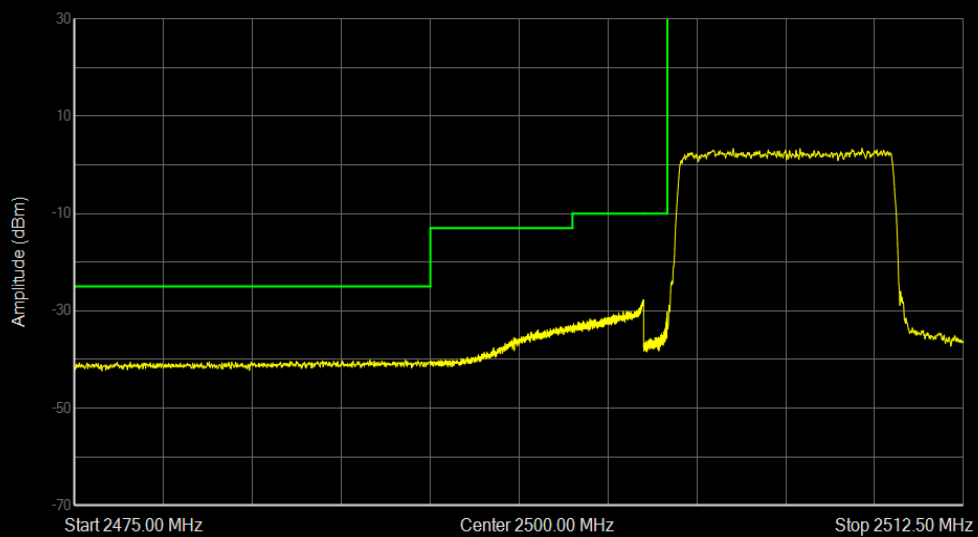
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.01	-20.97	-10
2	2571	2575	1000	2571.004	-10.41	-10
3	2575	2576	1000	2575.106	-34.79	-13
4	2576	2595	1000	2576.646	-36.62	-25

Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT



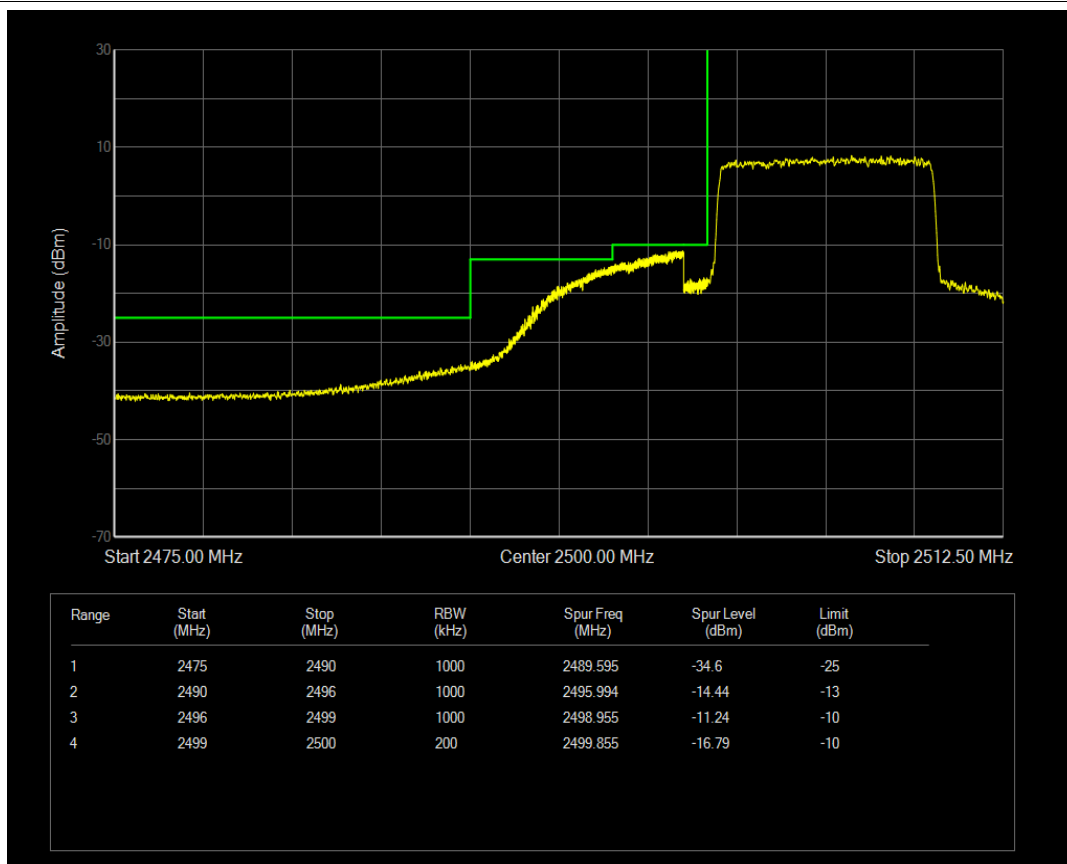
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.009	-21.92	-10
2	2571	2575	1000	2571.012	-12.67	-10
3	2575	2576	1000	2575.076	-35.71	-13
4	2576	2595	1000	2576.133	-37.14	-25

Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT

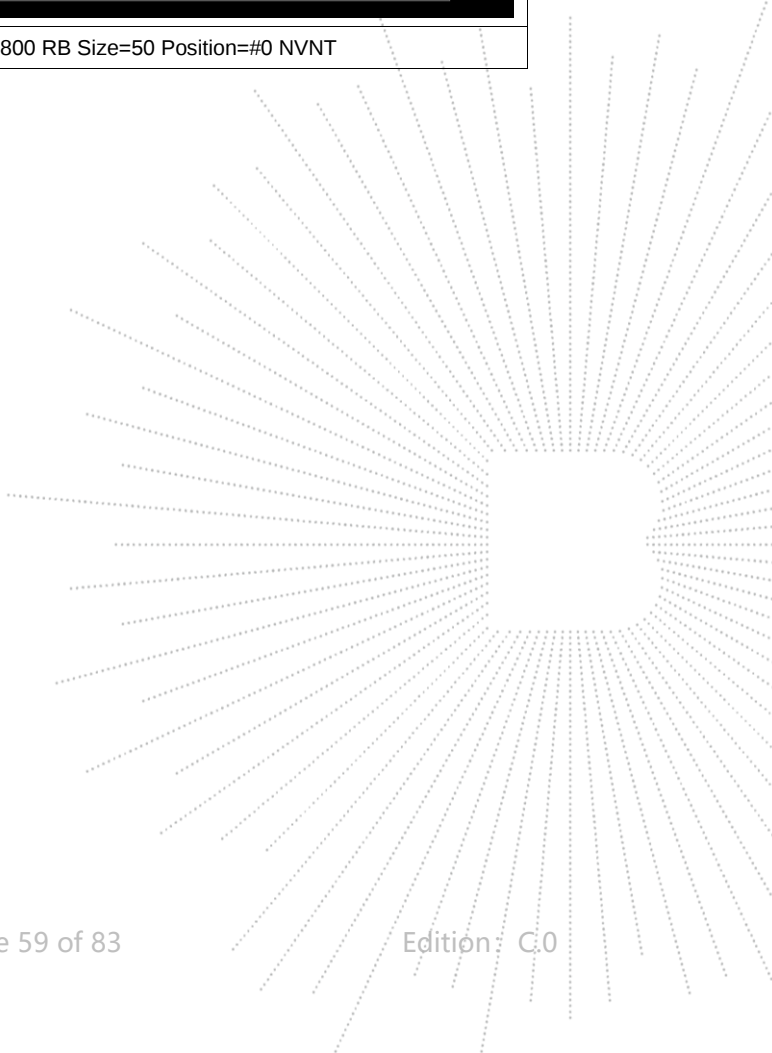


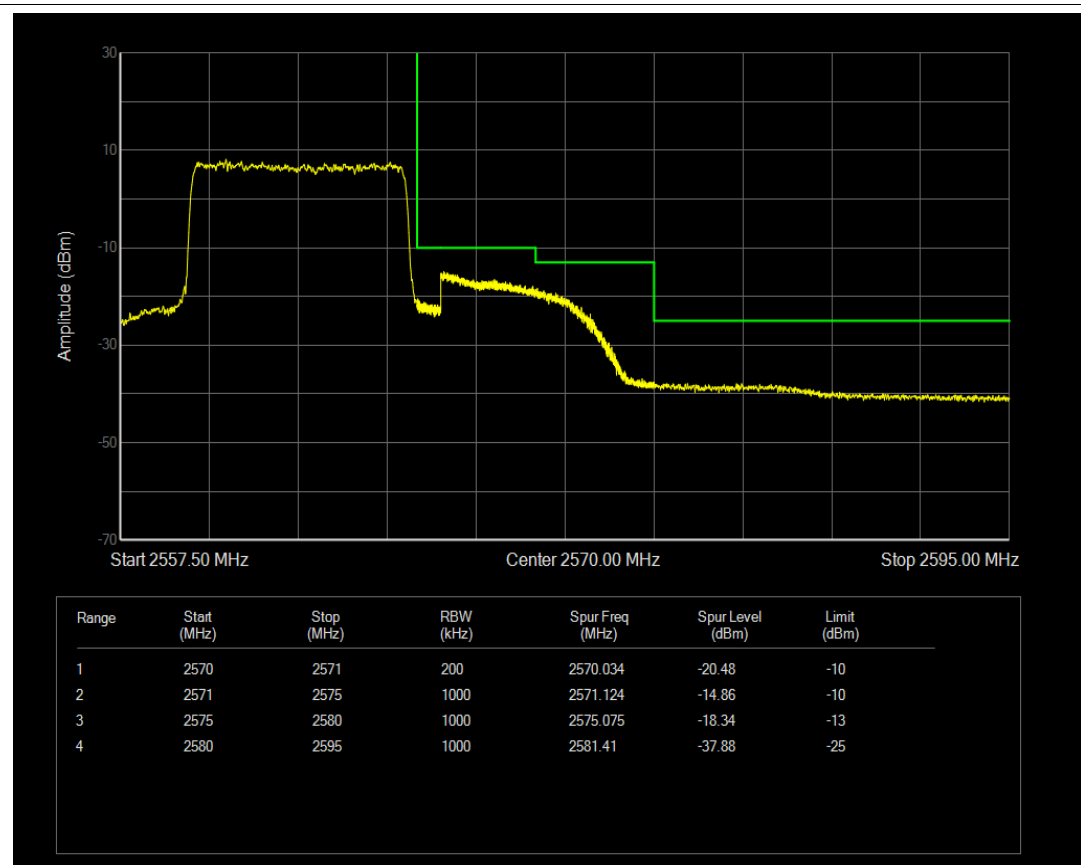
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2487.45	-40.14	-25
2	2490	2496	1000	2495.916	-32.98	-13
3	2496	2499	1000	2498.988	-27.74	-10
4	2499	2500	200	2499.991	-30.22	-10

Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT

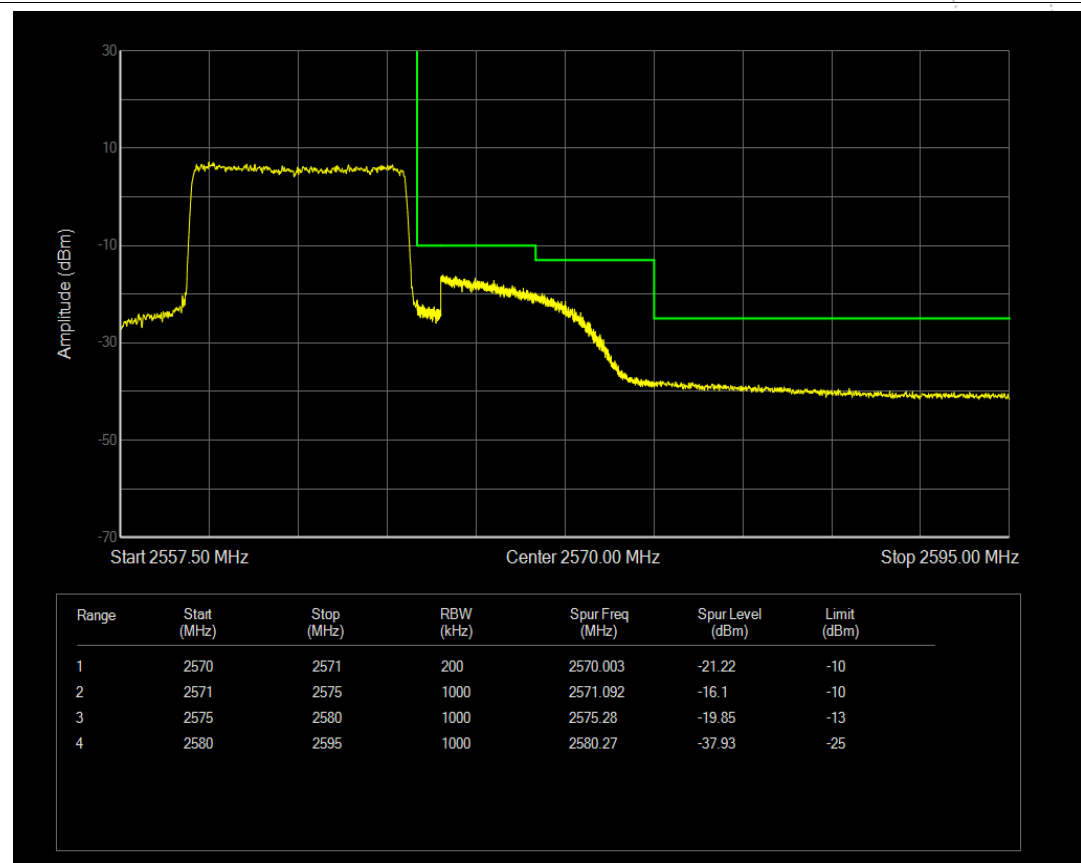


Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



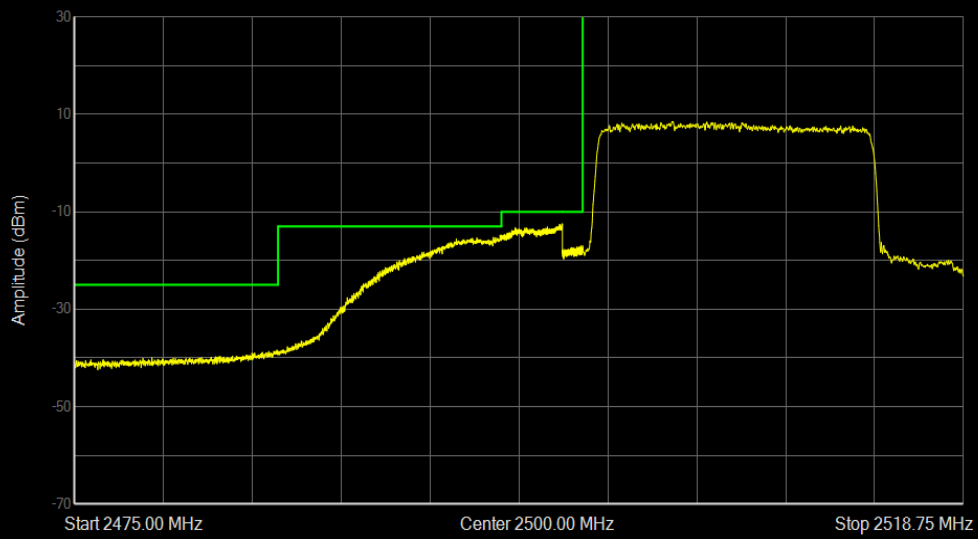


Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



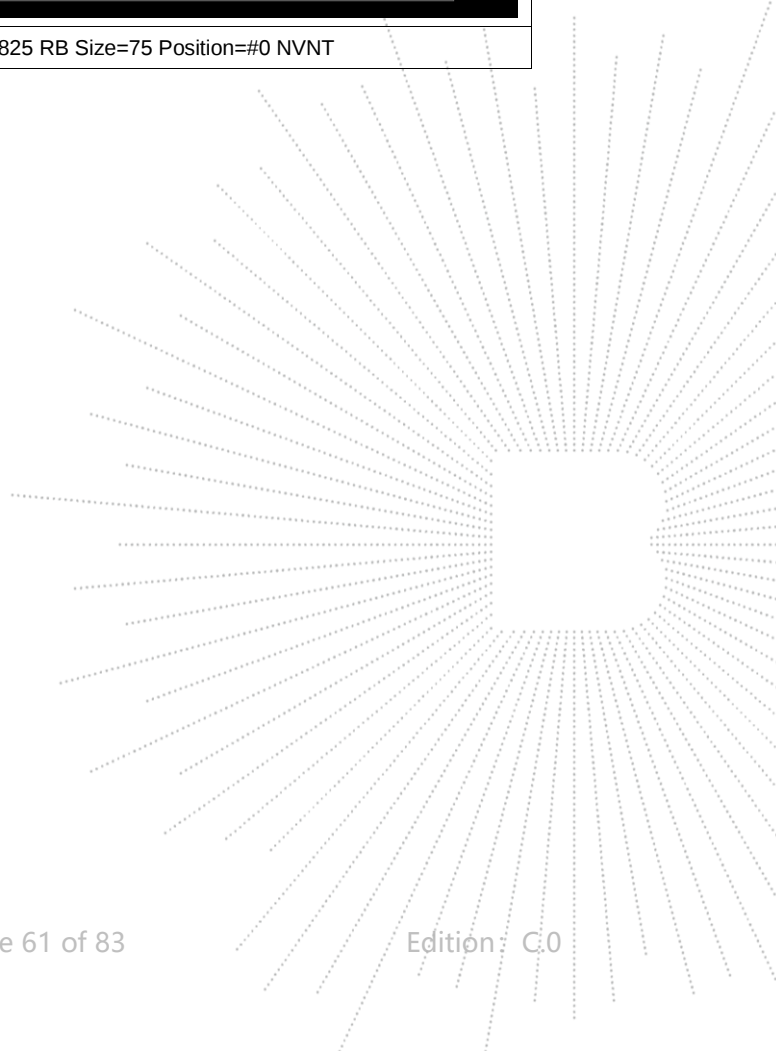


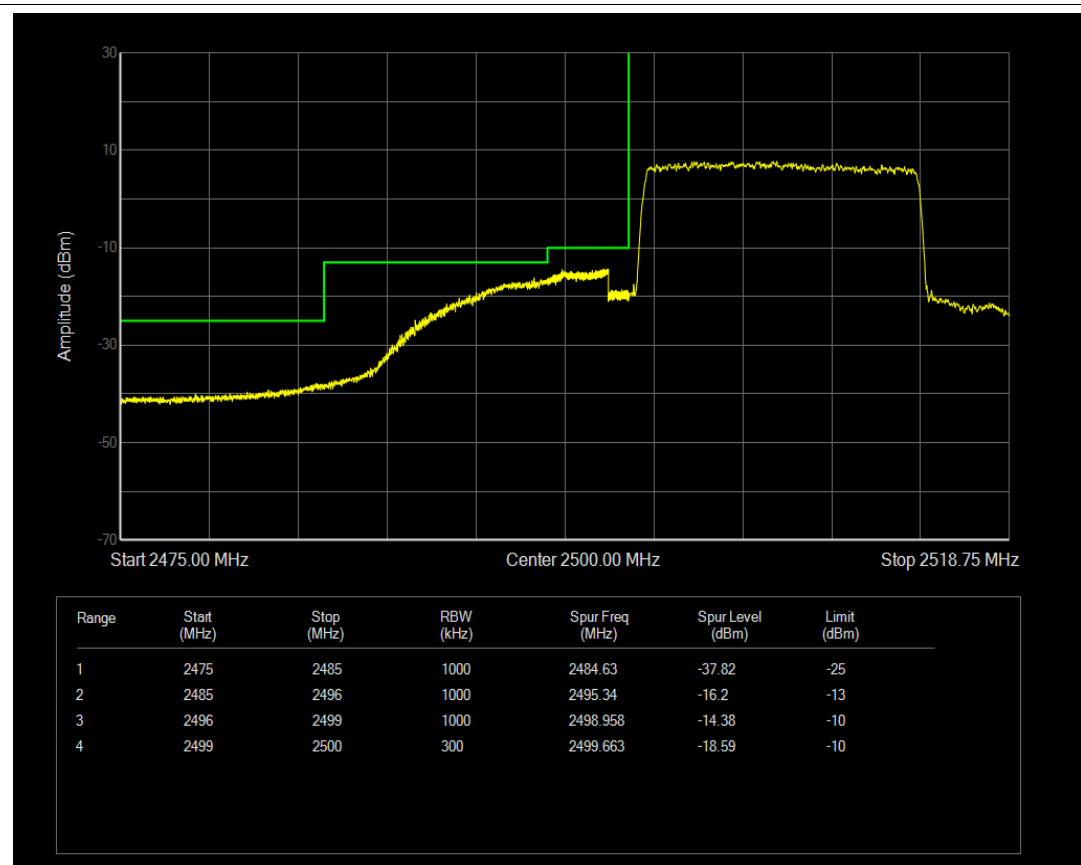
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



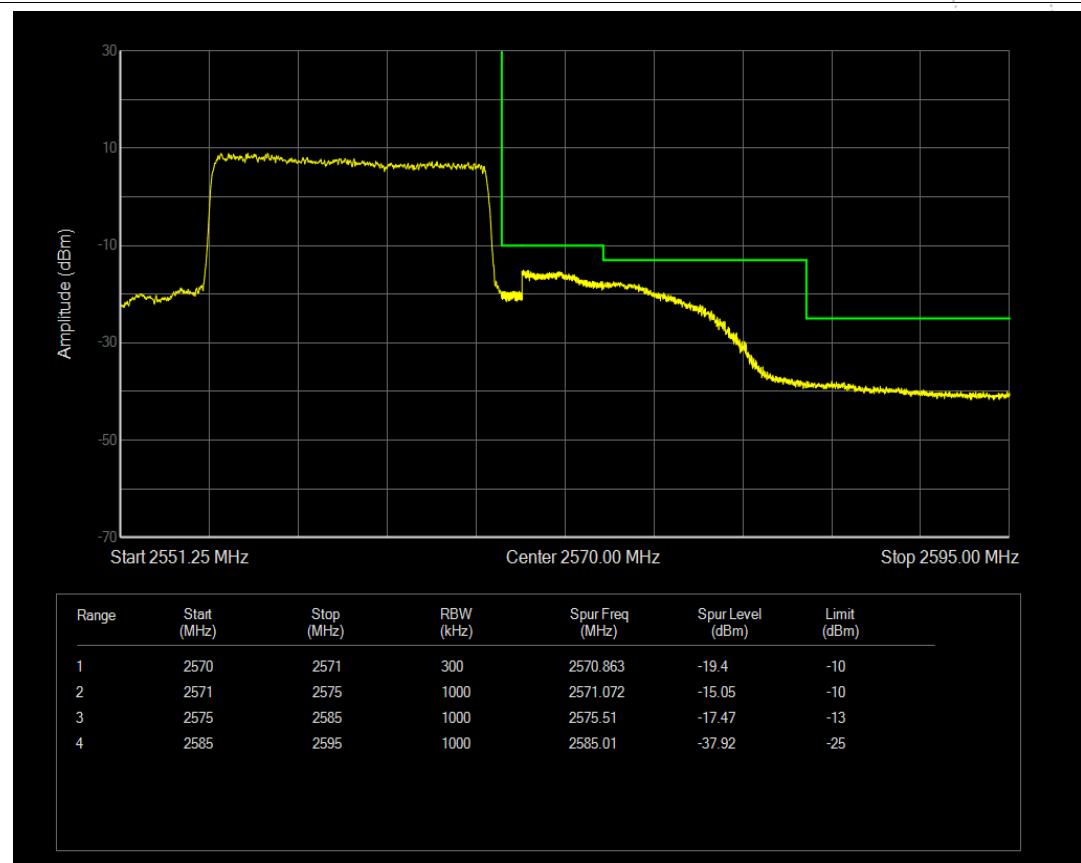
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.95	-38.39	-25
2	2485	2496	1000	2495.934	-14.8	-13
3	2496	2499	1000	2498.997	-12.47	-10
4	2499	2500	300	2499.998	-17	-10

Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT

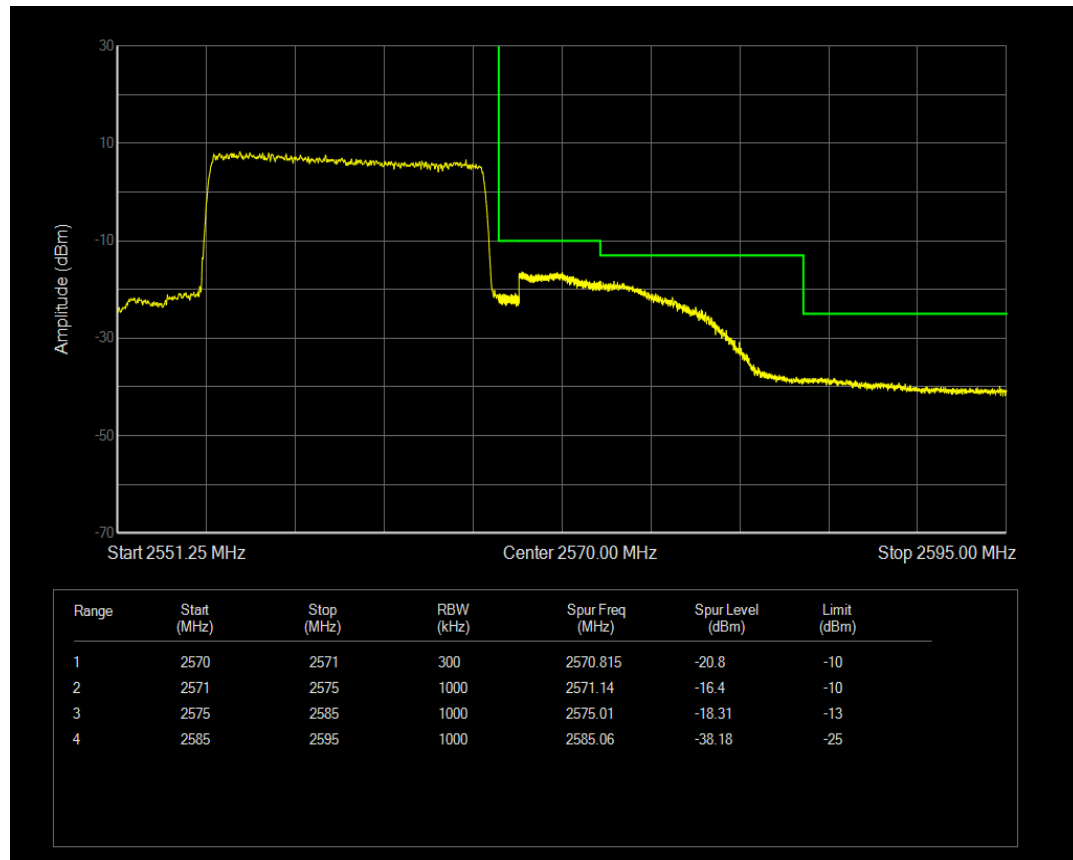




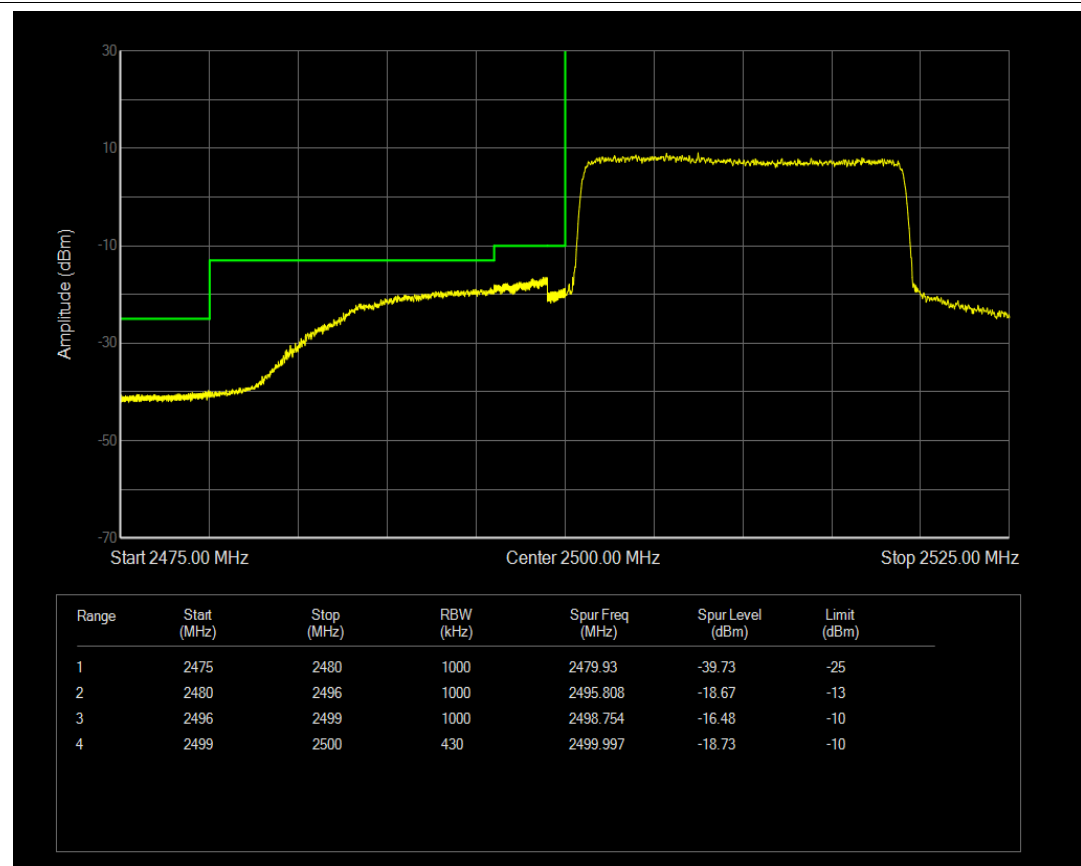
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT



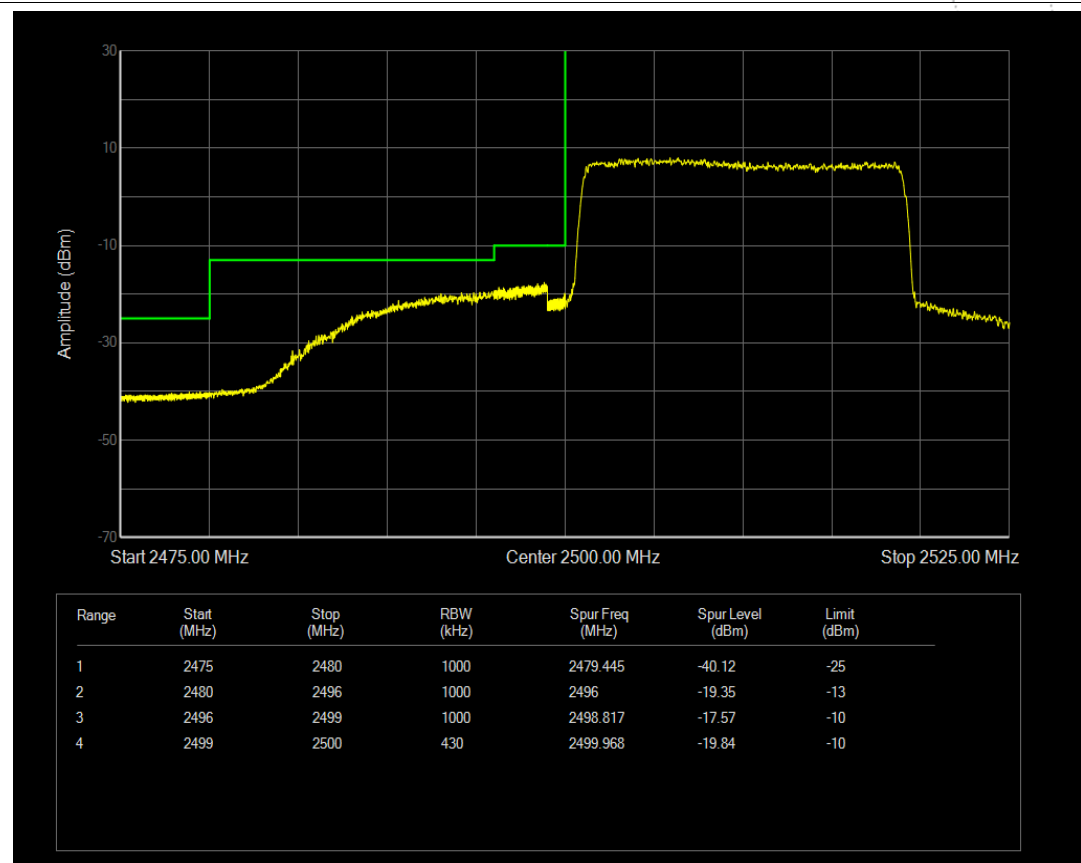
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



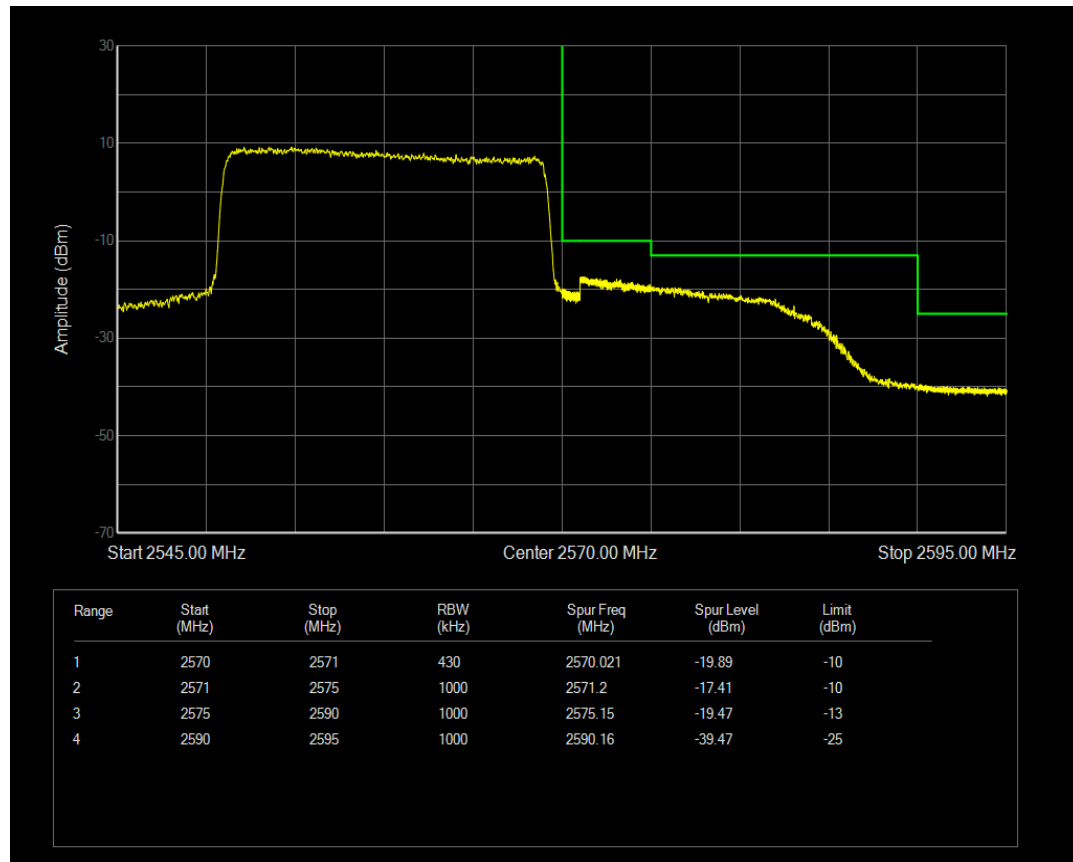
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



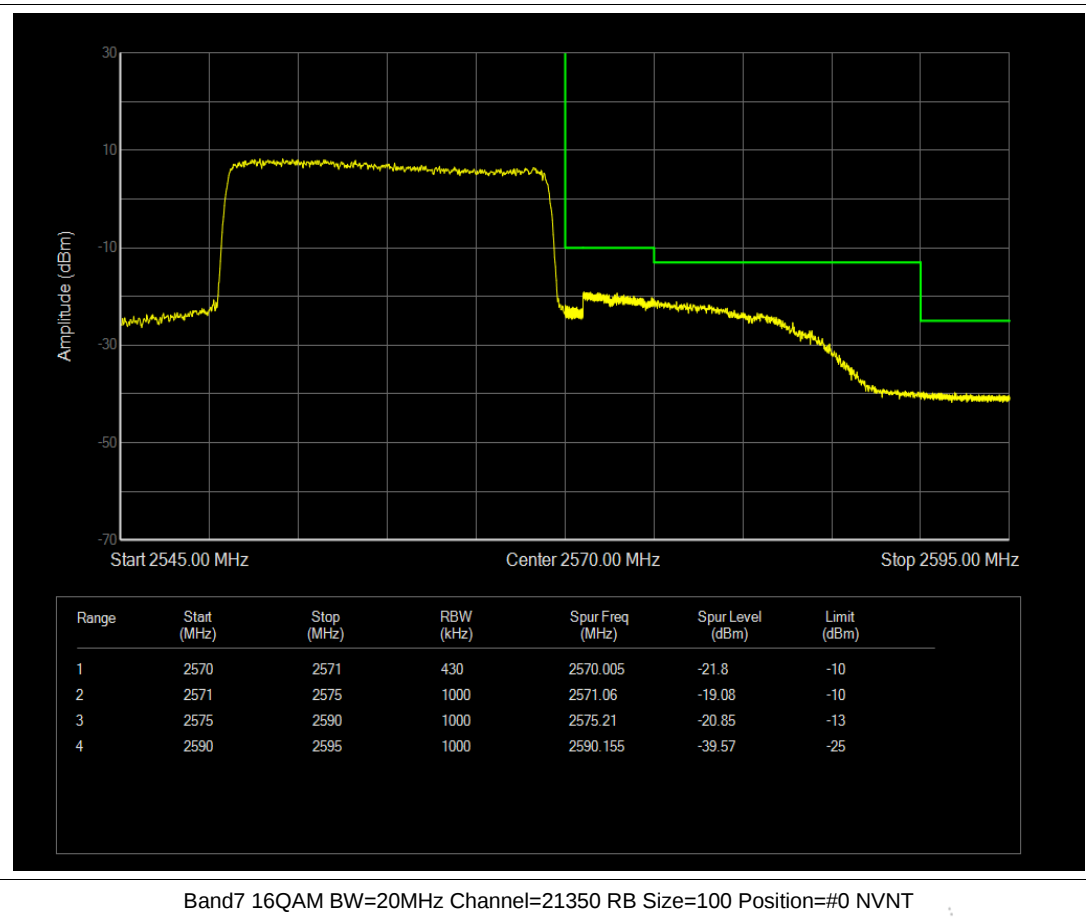
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT



Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT

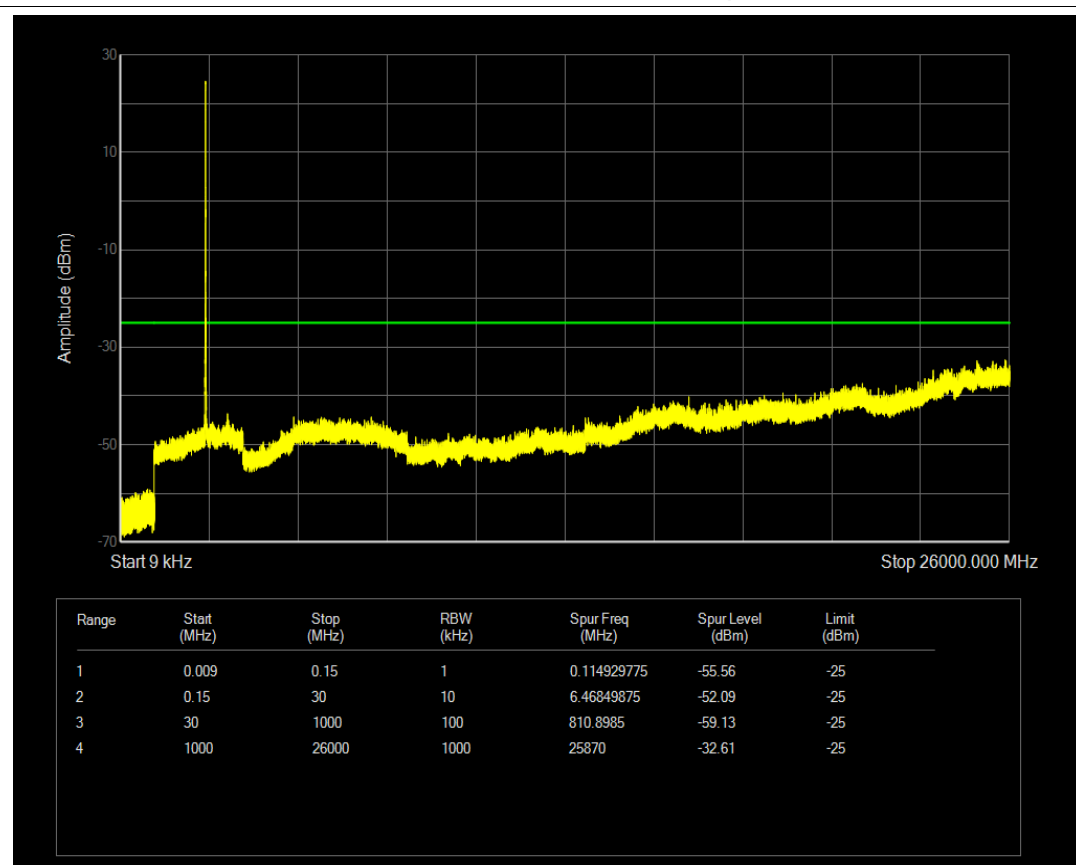


Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT

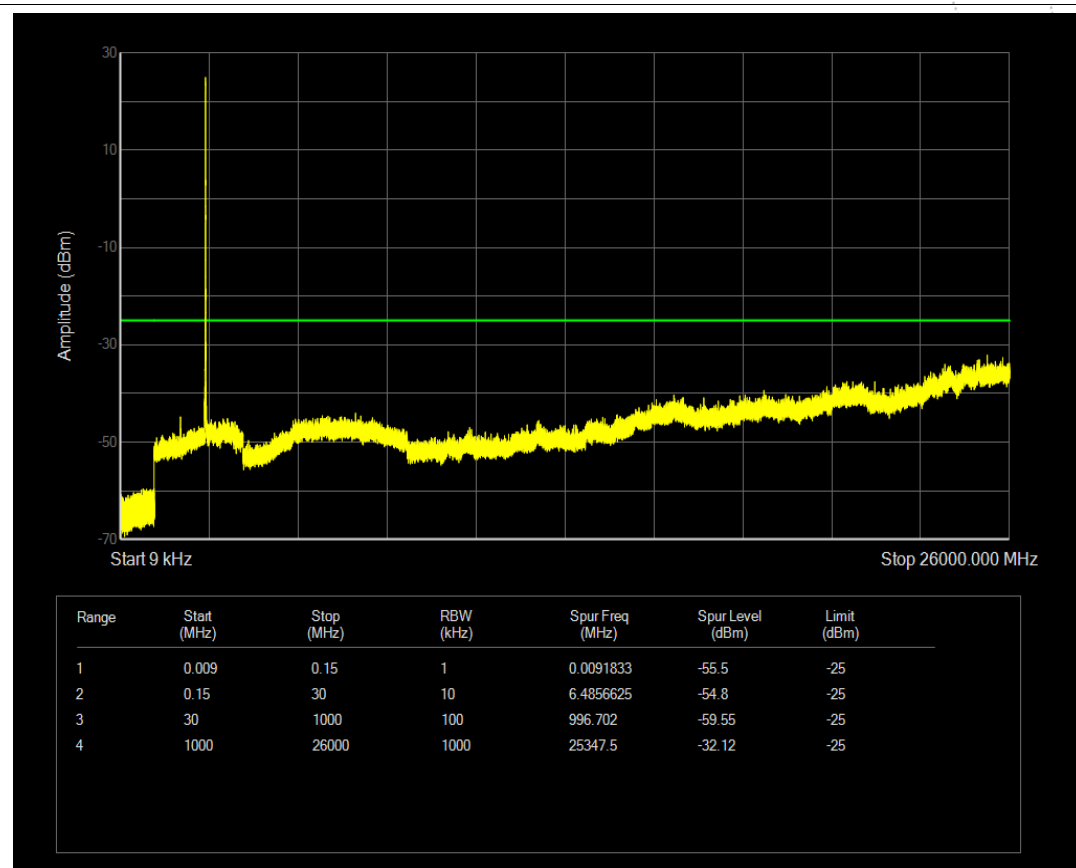


Appendix 6.Out-of-band emissions

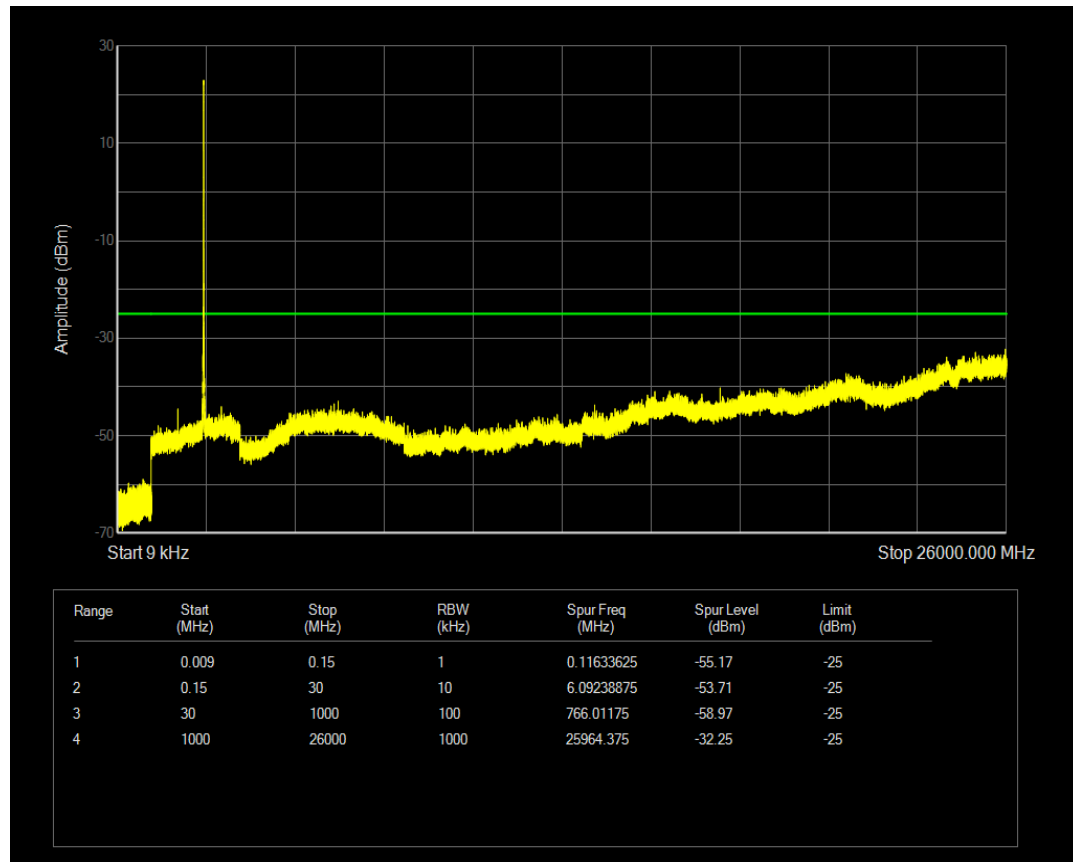
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band7	5	20775	25	#0	QPSK	25870.00	-32.61	-25	PASS
NVNT	Band7	5	20775	25	#0	16QAM	25347.50	-32.12	-25	PASS
NVNT	Band7	5	21100	25	#0	QPSK	25964.38	-32.25	-25	PASS
NVNT	Band7	5	21100	25	#0	16QAM	25449.38	-33.49	-25	PASS
NVNT	Band7	5	21425	25	#0	QPSK	25726.88	-33.40	-25	PASS
NVNT	Band7	5	21425	25	#0	16QAM	25978.13	-32.06	-25	PASS
NVNT	Band7	10	20800	50	#0	QPSK	25845.63	-32.74	-25	PASS
NVNT	Band7	10	20800	50	#0	16QAM	25613.13	-32.86	-25	PASS
NVNT	Band7	10	21100	50	#0	QPSK	25697.50	-32.87	-25	PASS
NVNT	Band7	10	21100	50	#0	16QAM	25845.63	-32.19	-25	PASS
NVNT	Band7	10	21400	50	#0	QPSK	25668.75	-32.30	-25	PASS
NVNT	Band7	10	21400	50	#0	16QAM	25763.75	-32.61	-25	PASS
NVNT	Band7	15	20825	75	#0	QPSK	25599.38	-32.83	-25	PASS
NVNT	Band7	15	20825	75	#0	16QAM	25711.88	-32.44	-25	PASS
NVNT	Band7	15	21100	75	#0	QPSK	25041.25	-32.79	-25	PASS
NVNT	Band7	15	21100	75	#0	16QAM	25835.00	-32.28	-25	PASS
NVNT	Band7	15	21375	75	#0	QPSK	25973.75	-32.38	-25	PASS
NVNT	Band7	15	21375	75	#0	16QAM	25465.00	-33.04	-25	PASS
NVNT	Band7	20	20850	100	#0	QPSK	25100.00	-33.22	-25	PASS
NVNT	Band7	20	20850	100	#0	16QAM	25621.25	-32.62	-25	PASS
NVNT	Band7	20	21100	100	#0	QPSK	25992.50	-31.86	-25	PASS
NVNT	Band7	20	21100	100	#0	16QAM	25738.75	-32.61	-25	PASS
NVNT	Band7	20	21350	100	#0	QPSK	26000.00	-32.32	-25	PASS
NVNT	Band7	20	21350	100	#0	16QAM	25714.38	-32.22	-25	PASS



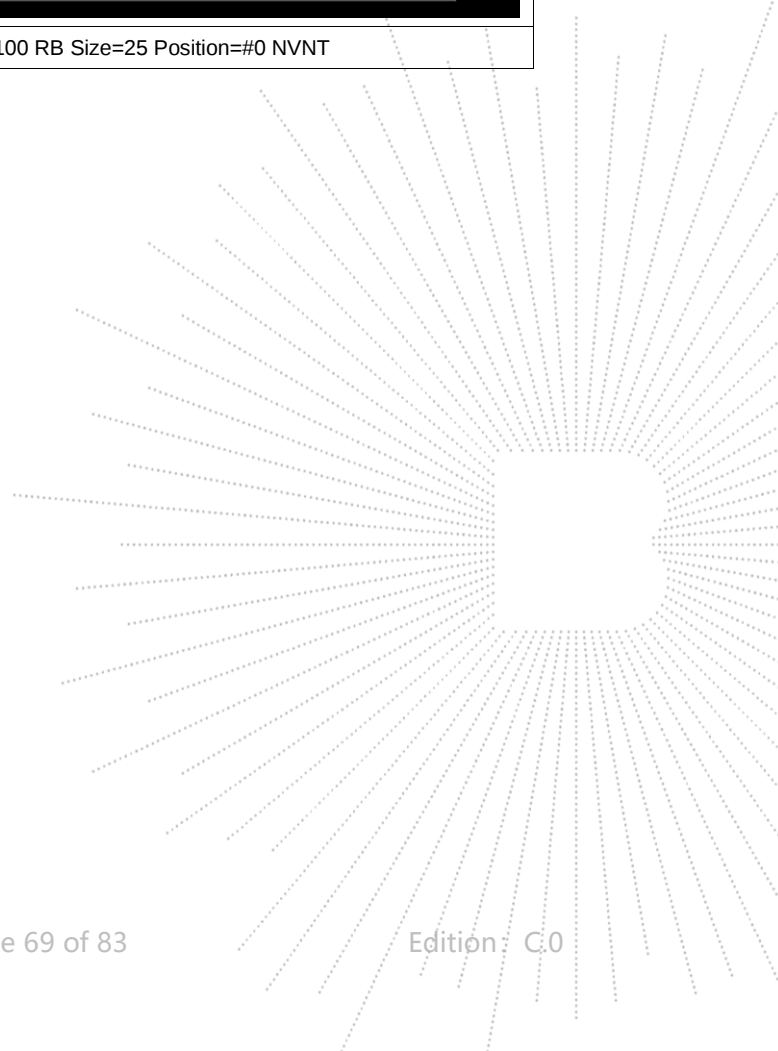
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT

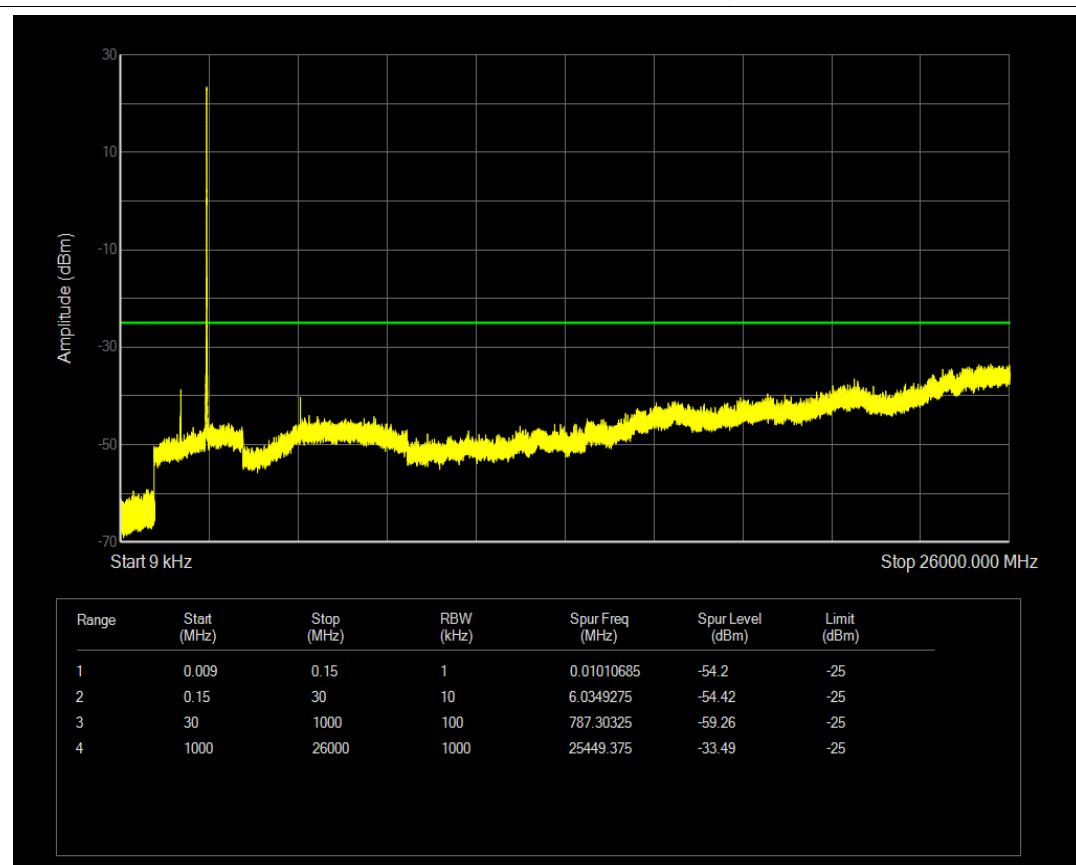


Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT

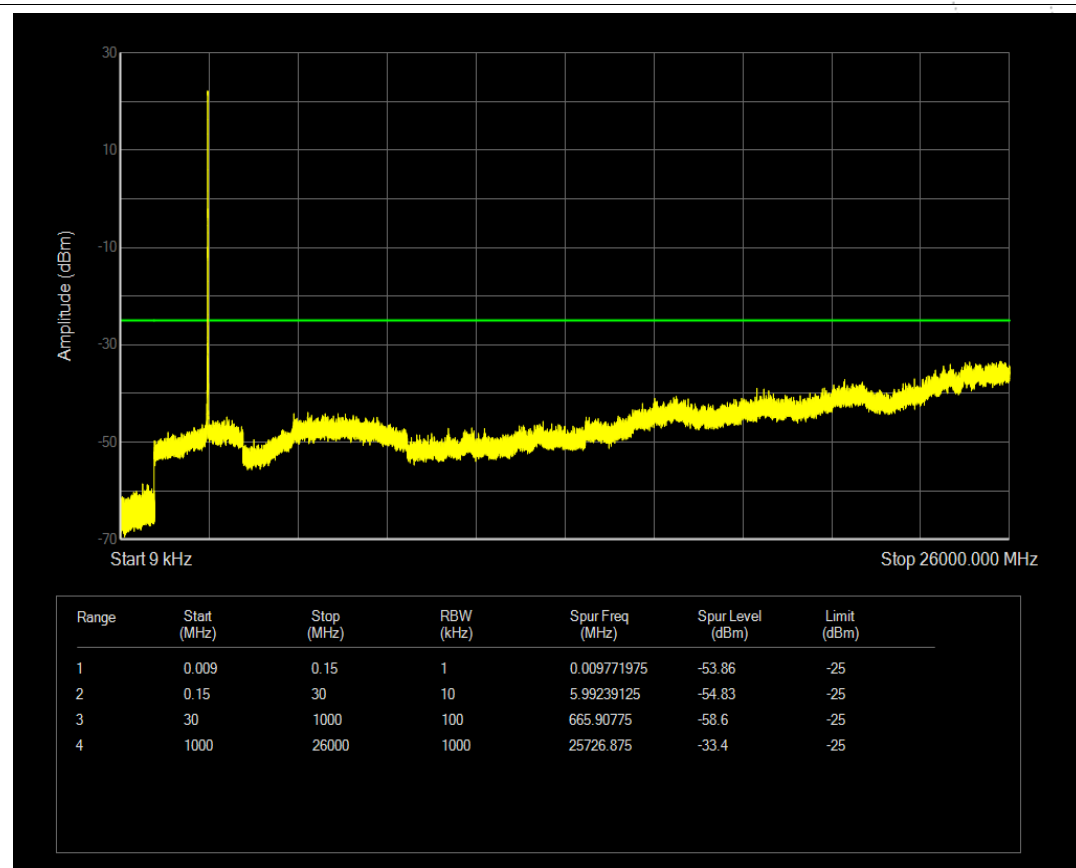


Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT

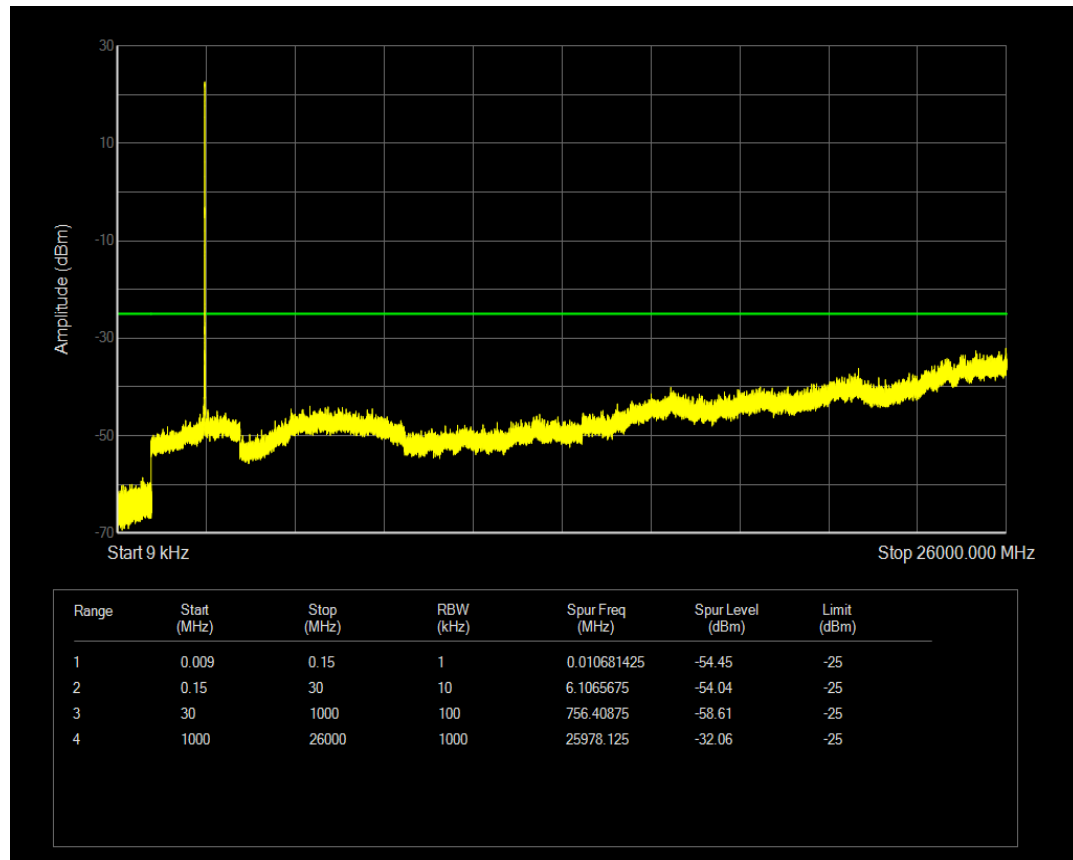




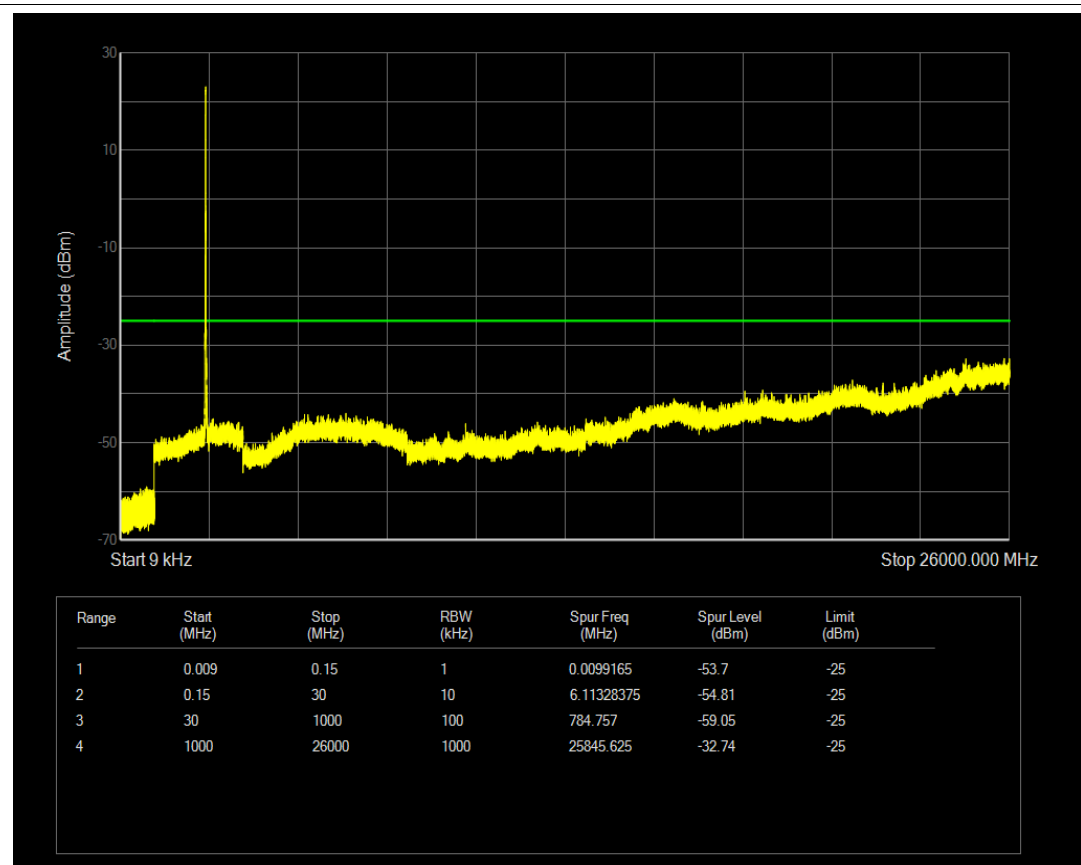
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT



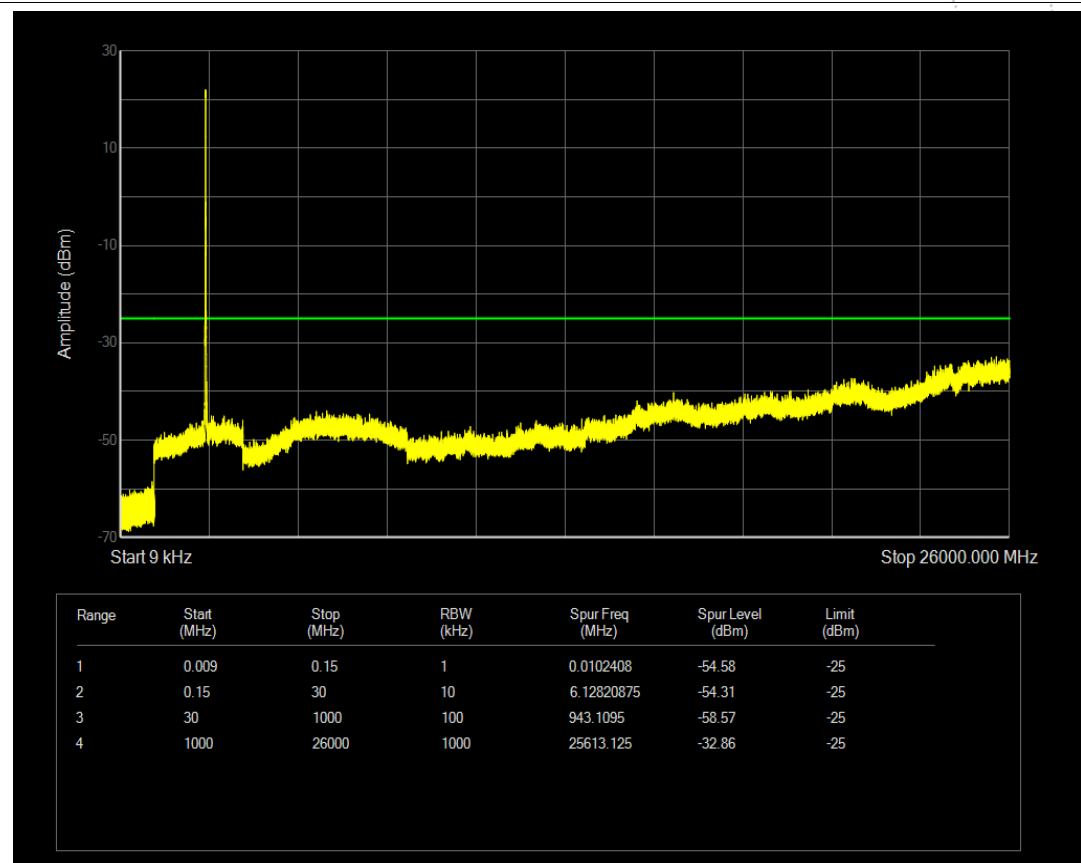
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT



Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT

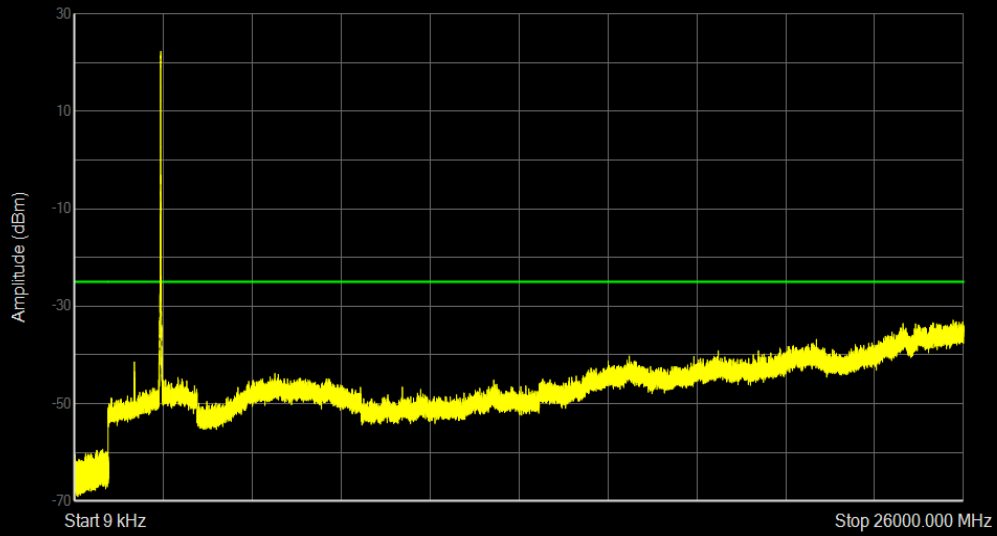


Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



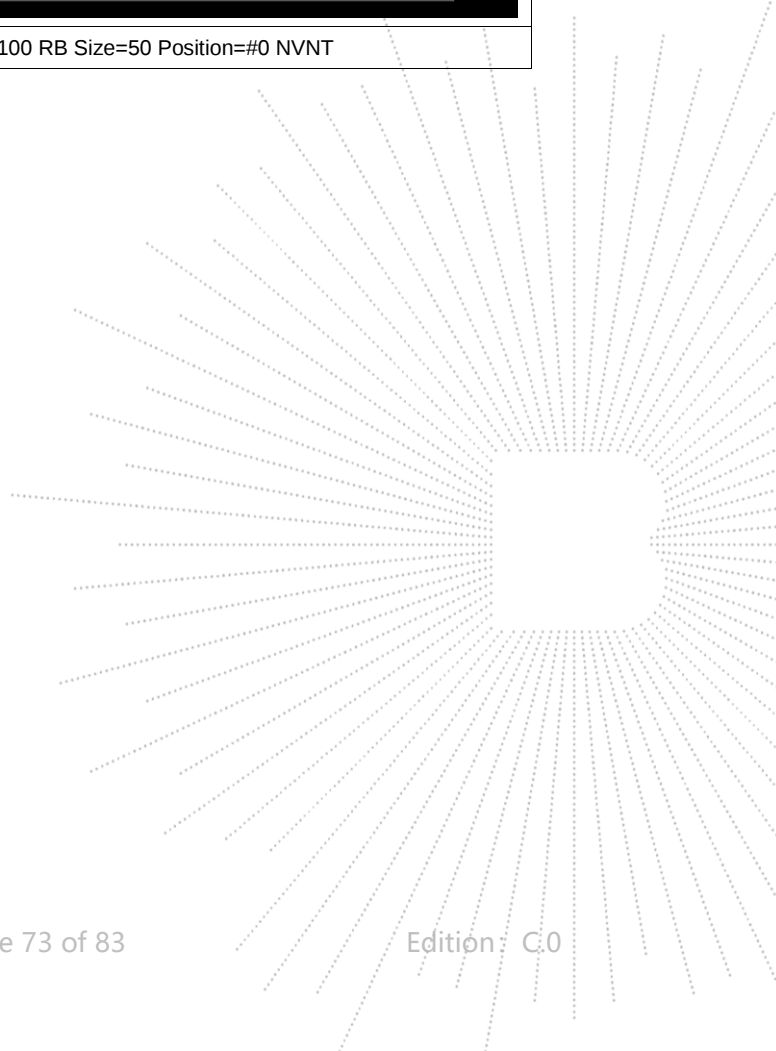


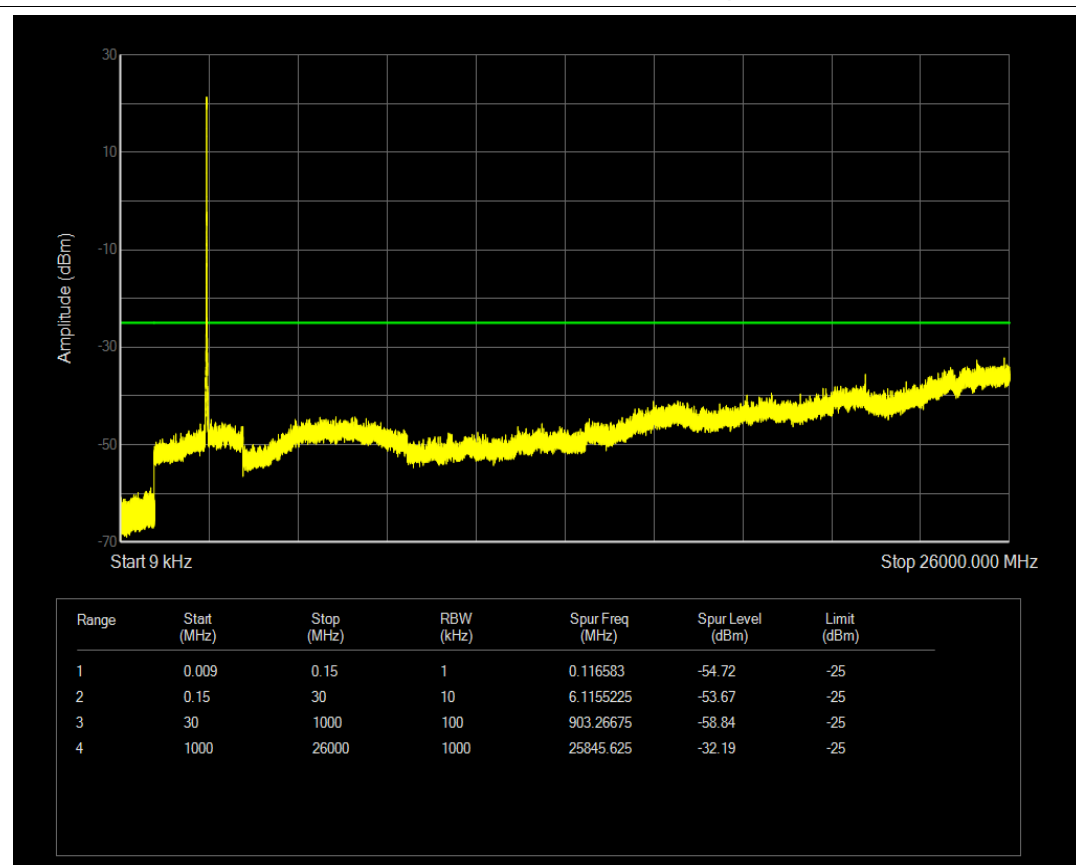
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



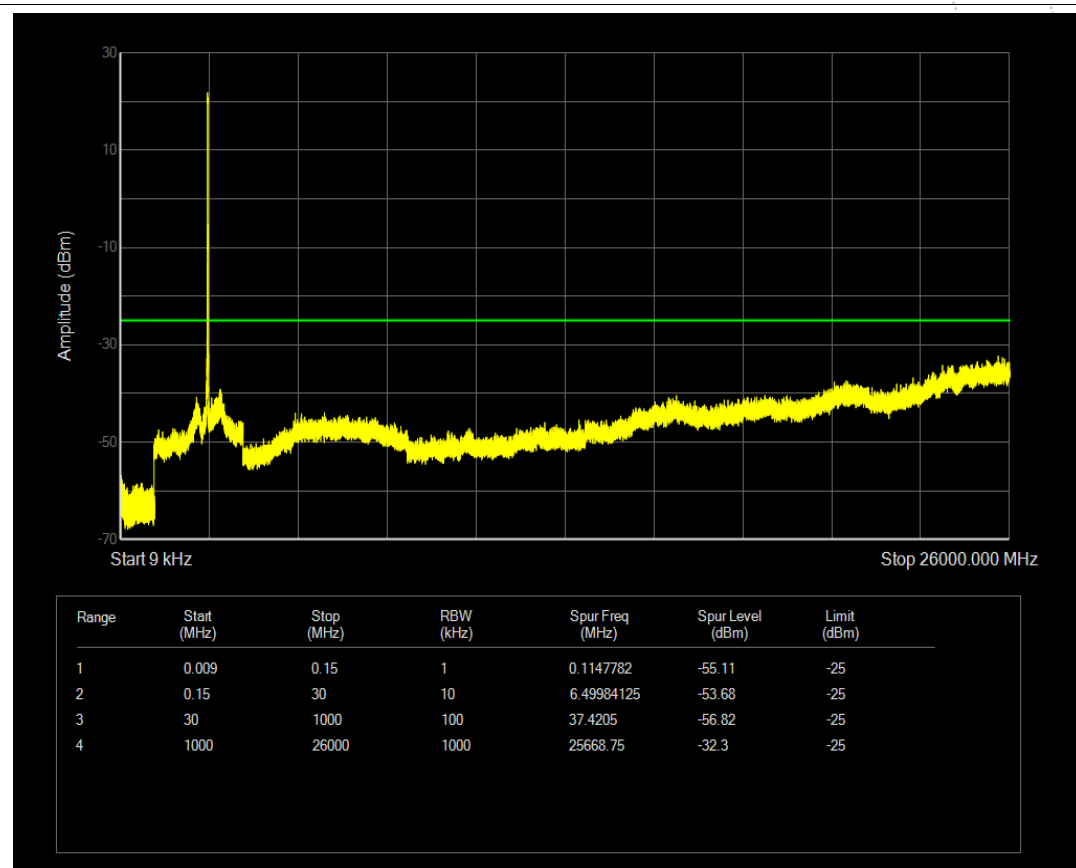
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1159626	-54.88	-25
2	0.15	30	10	6.1185075	-54.24	-25
3	30	1000	100	845.0425	-59.4	-25
4	1000	26000	1000	25697.5	-32.87	-25

Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT

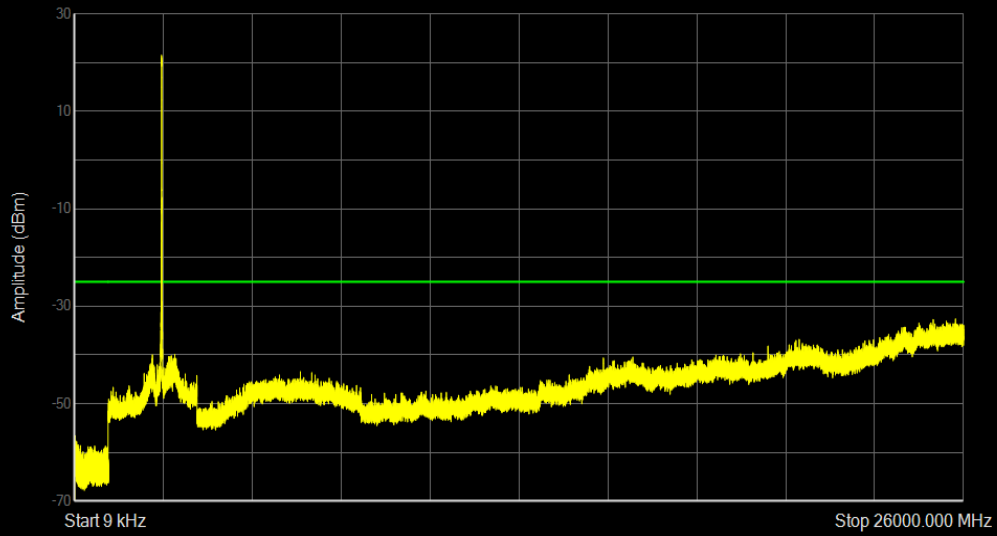




Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT

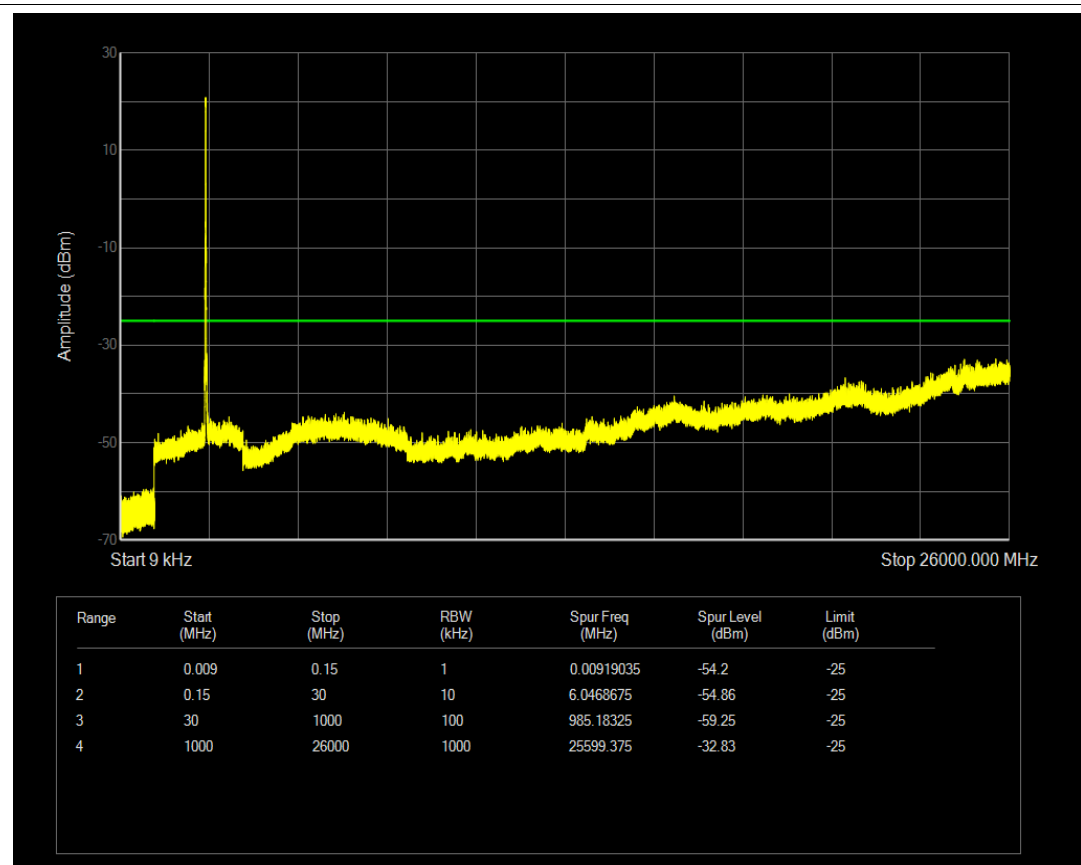


Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT

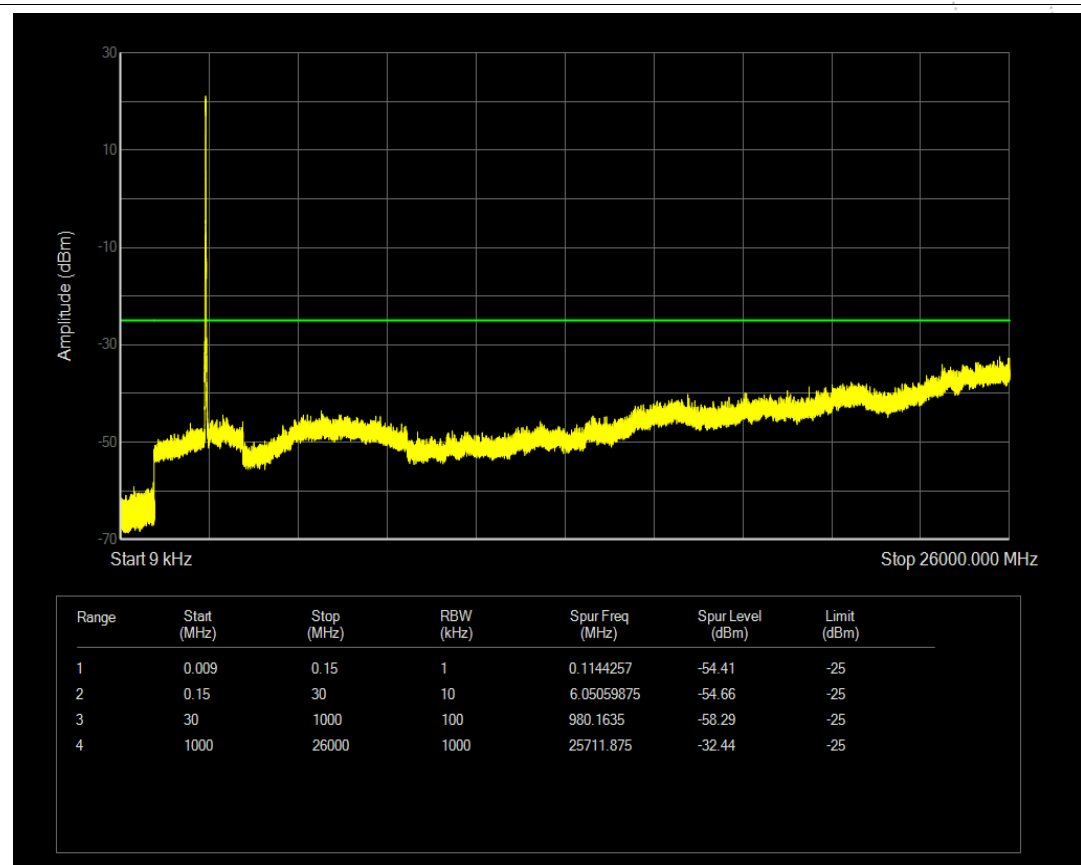


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01136175	-55.19	-25
2	0.15	30	10	6.117015	-53.53	-25
3	30	1000	100	33.41925	-56.59	-25
4	1000	26000	1000	25763.75	-32.61	-25

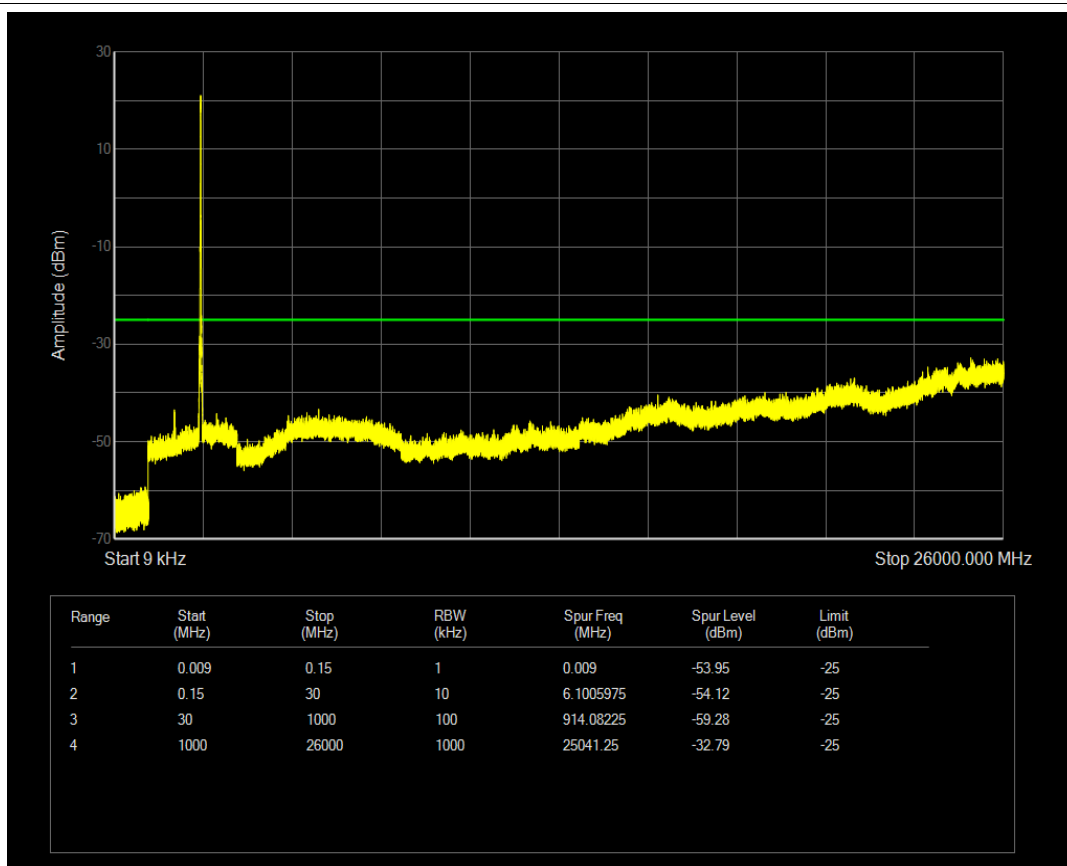
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



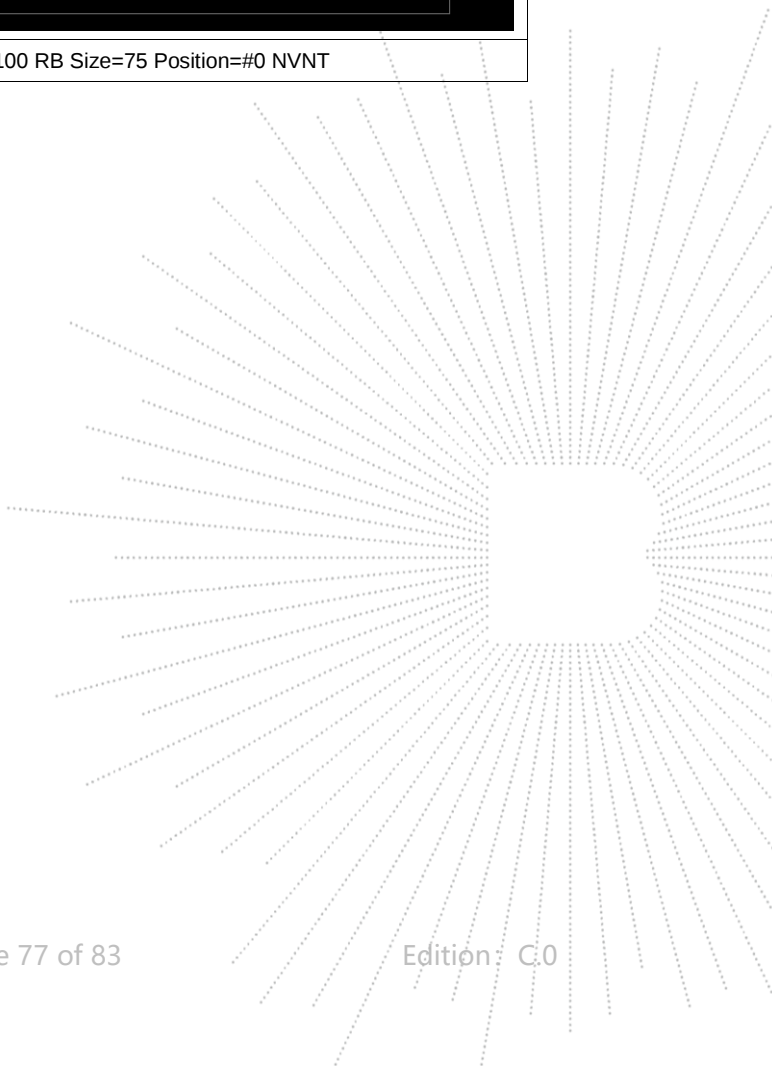
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT

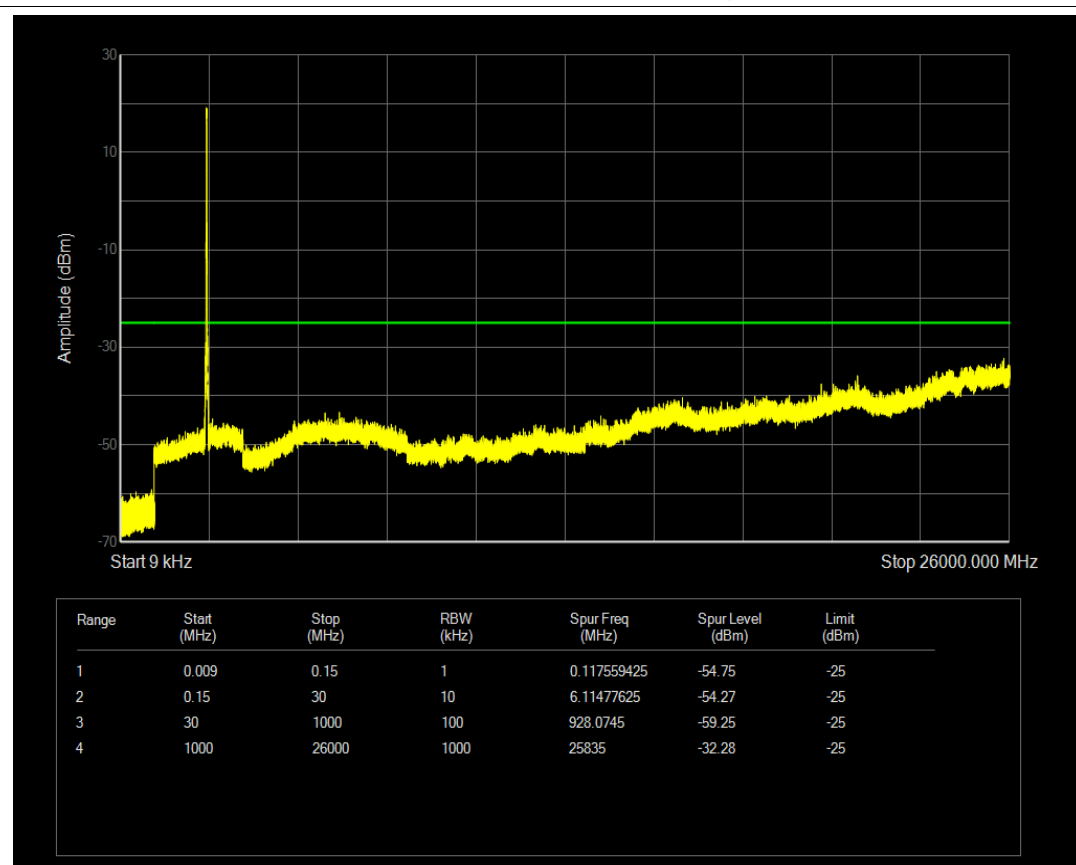


Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT

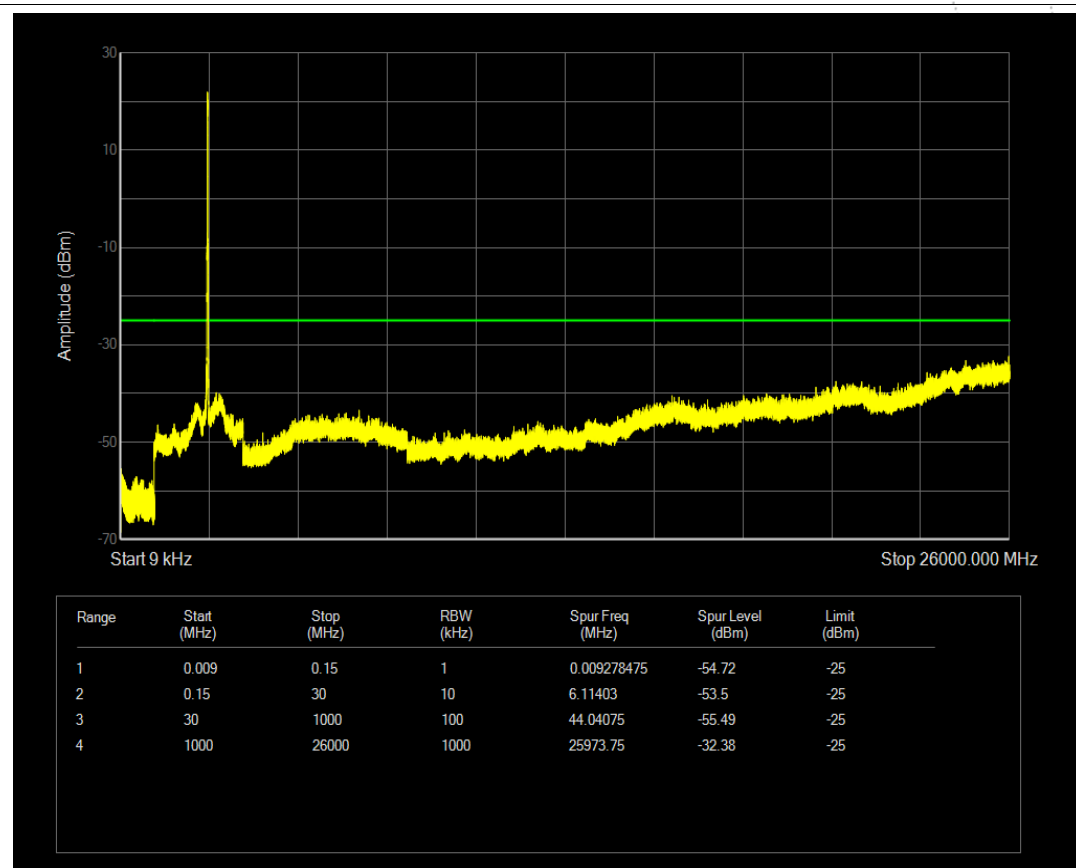


Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT

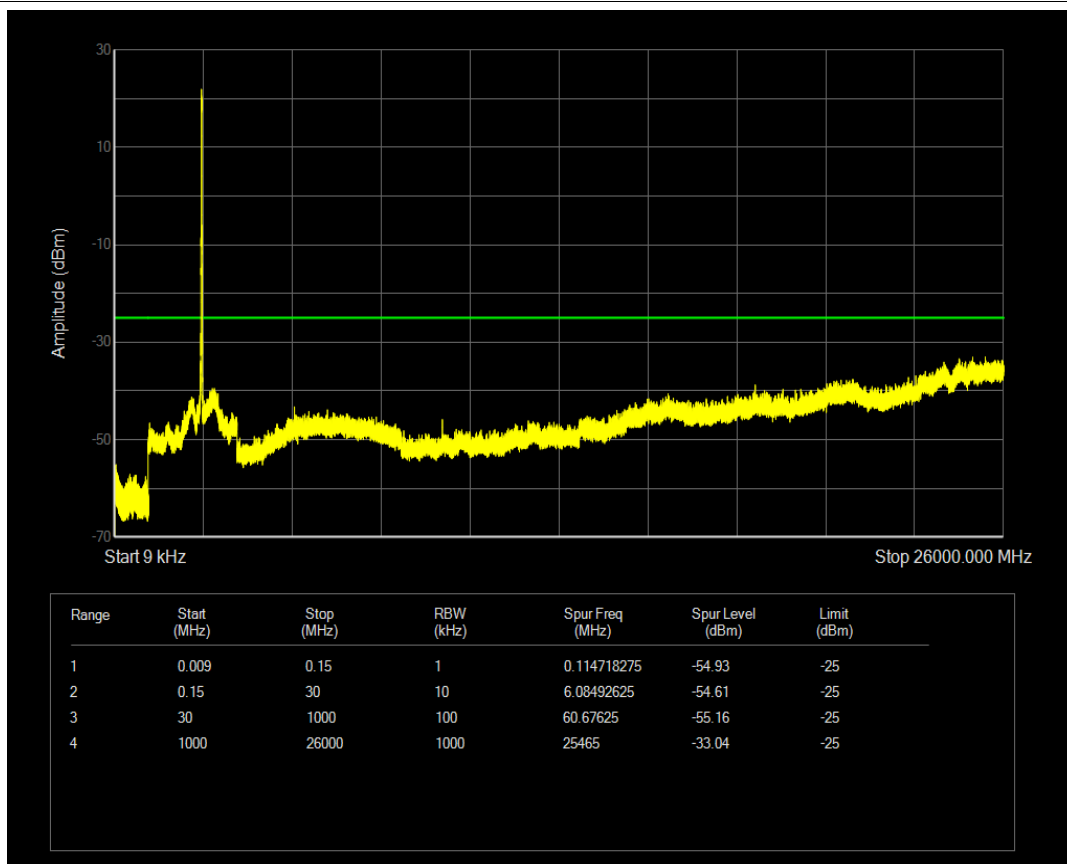




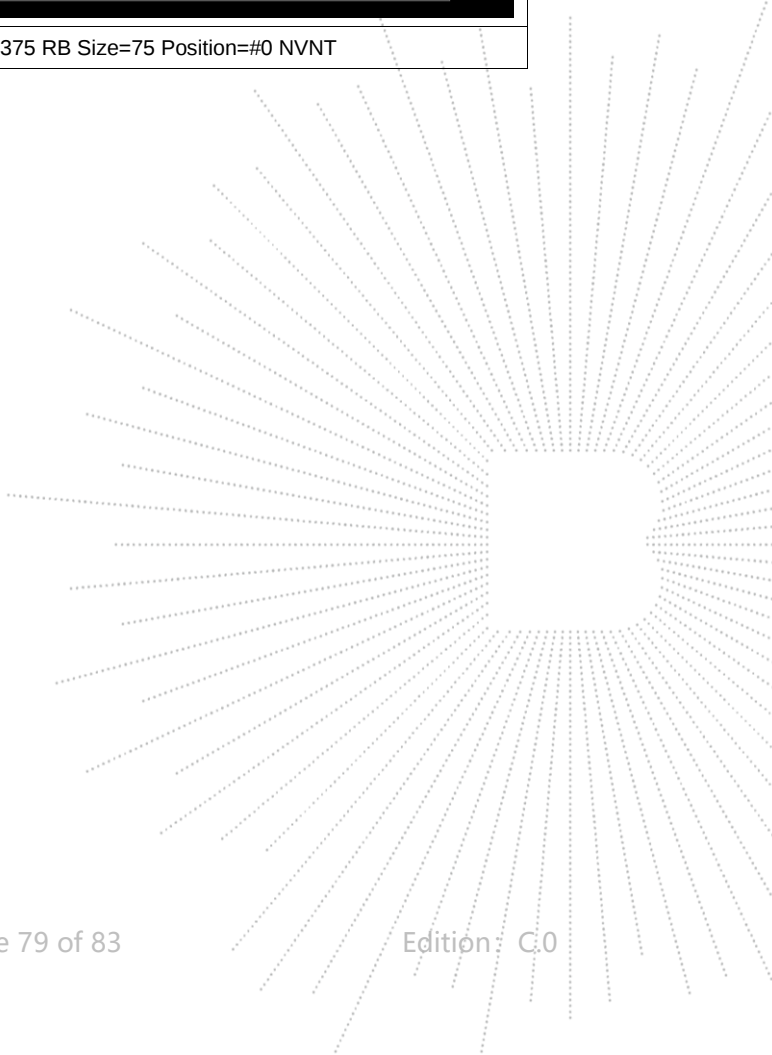
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT

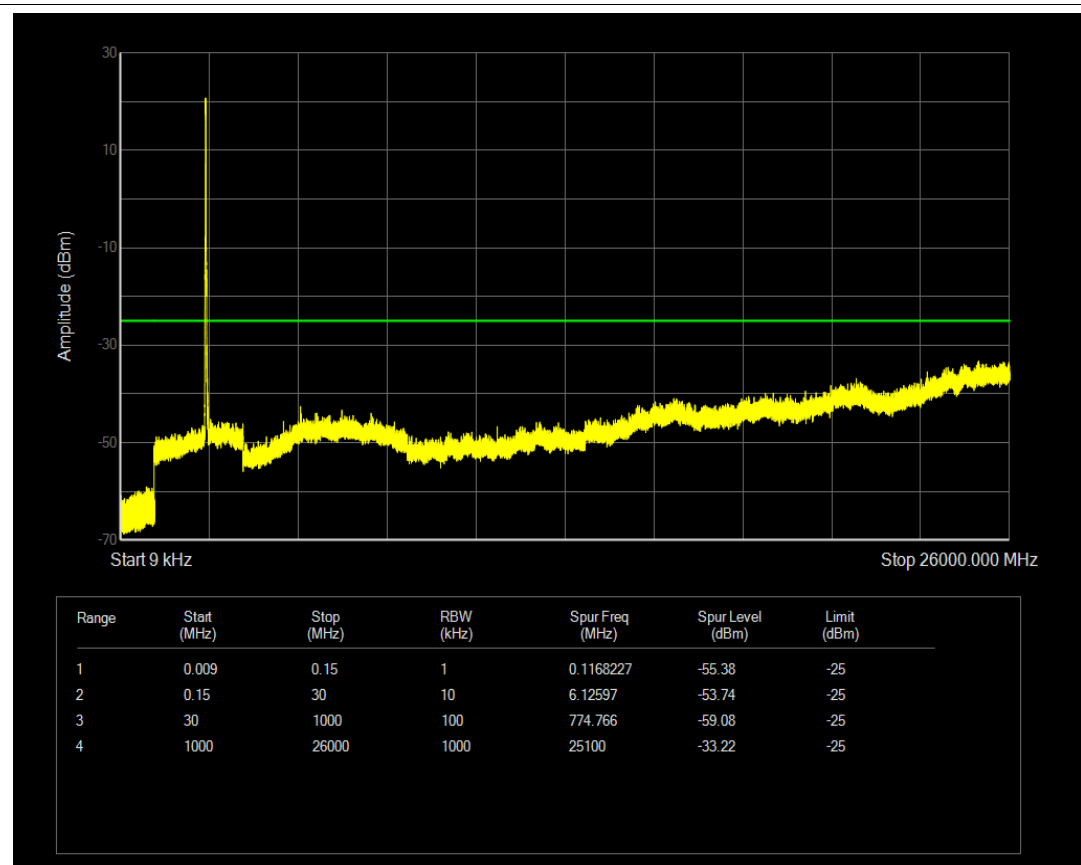


Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT

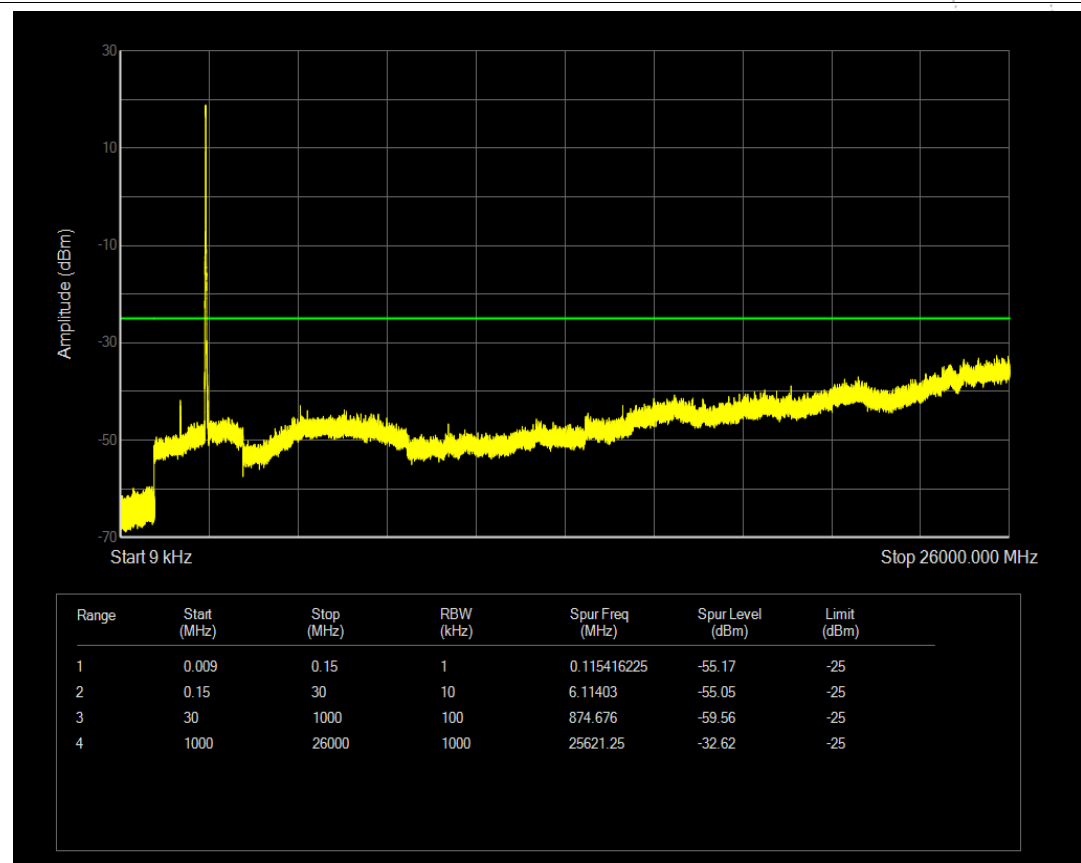


Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT

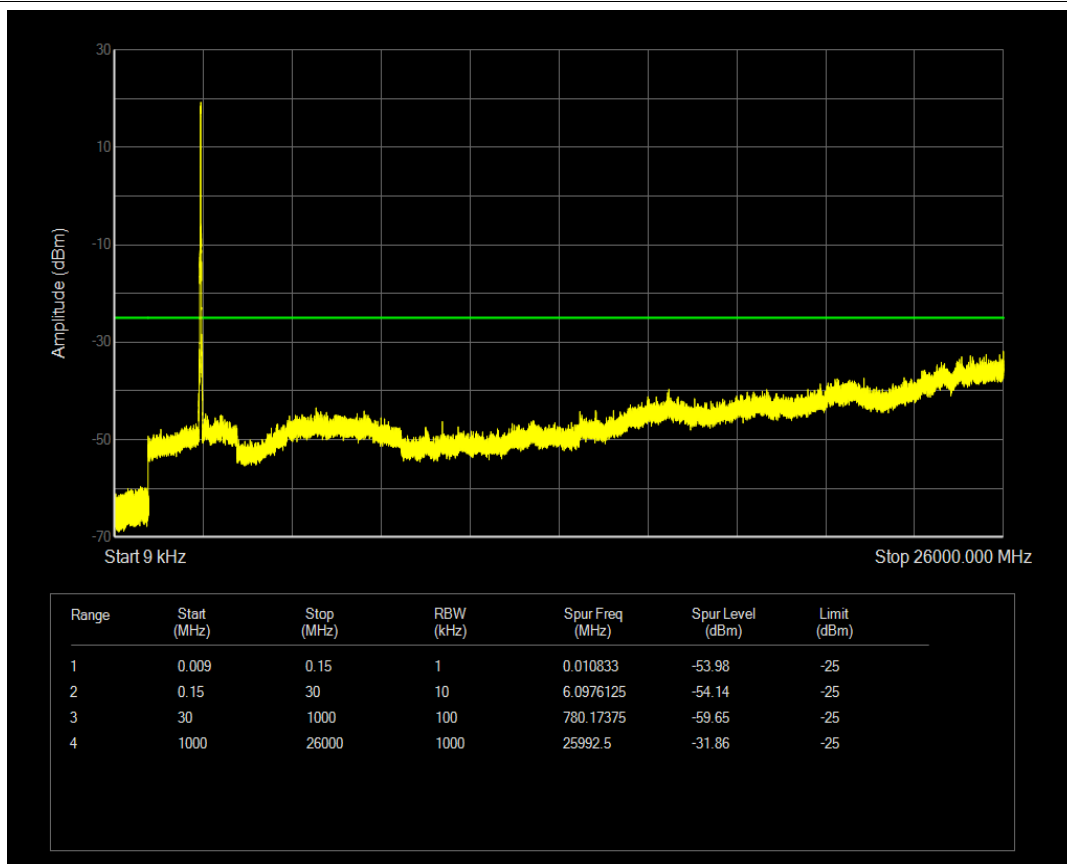




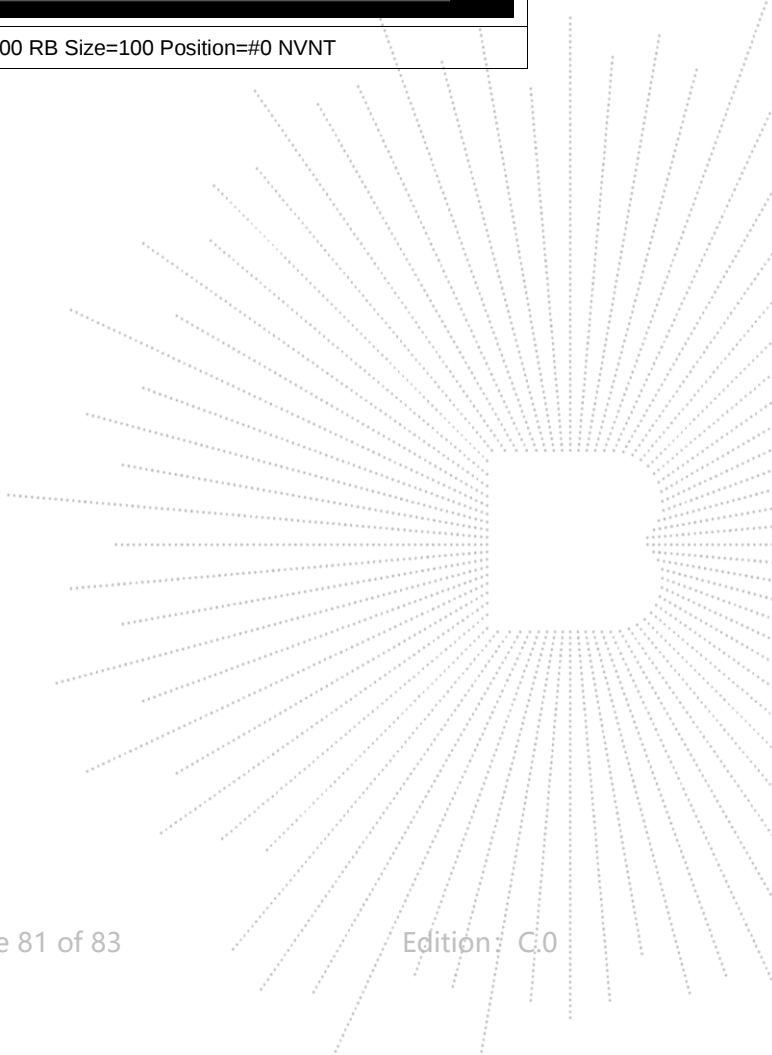
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT

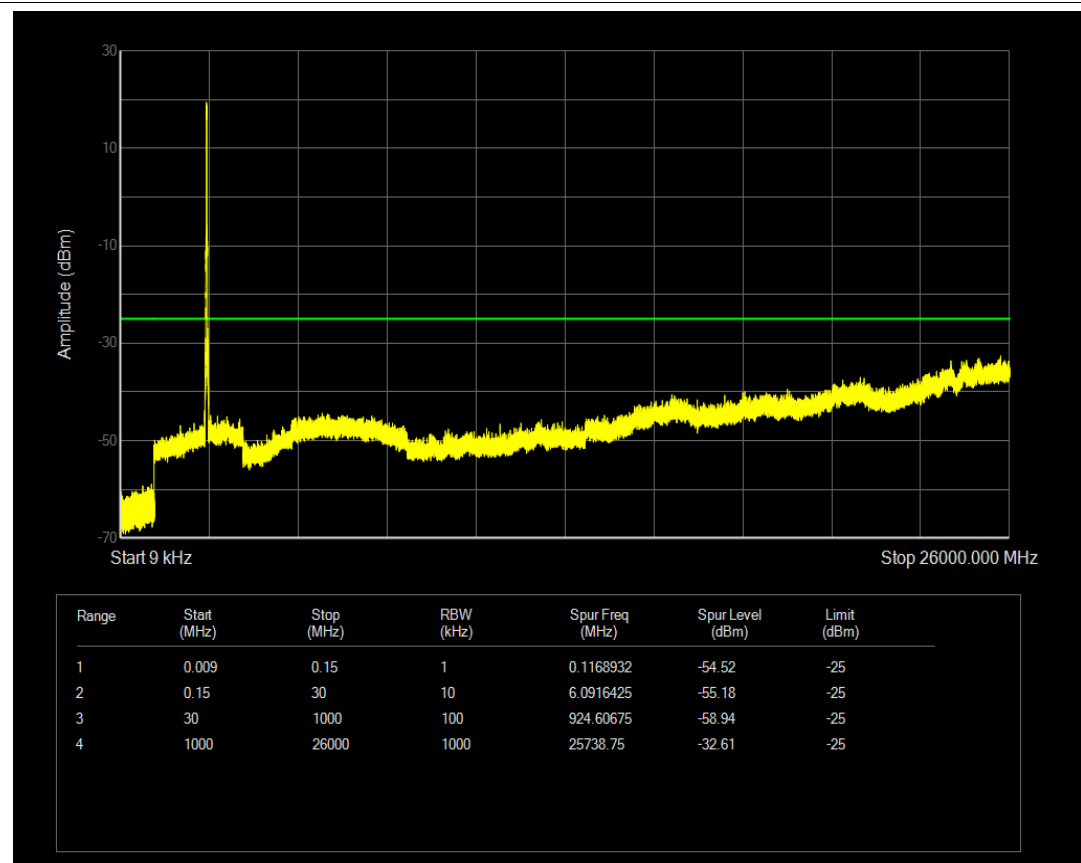


Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT

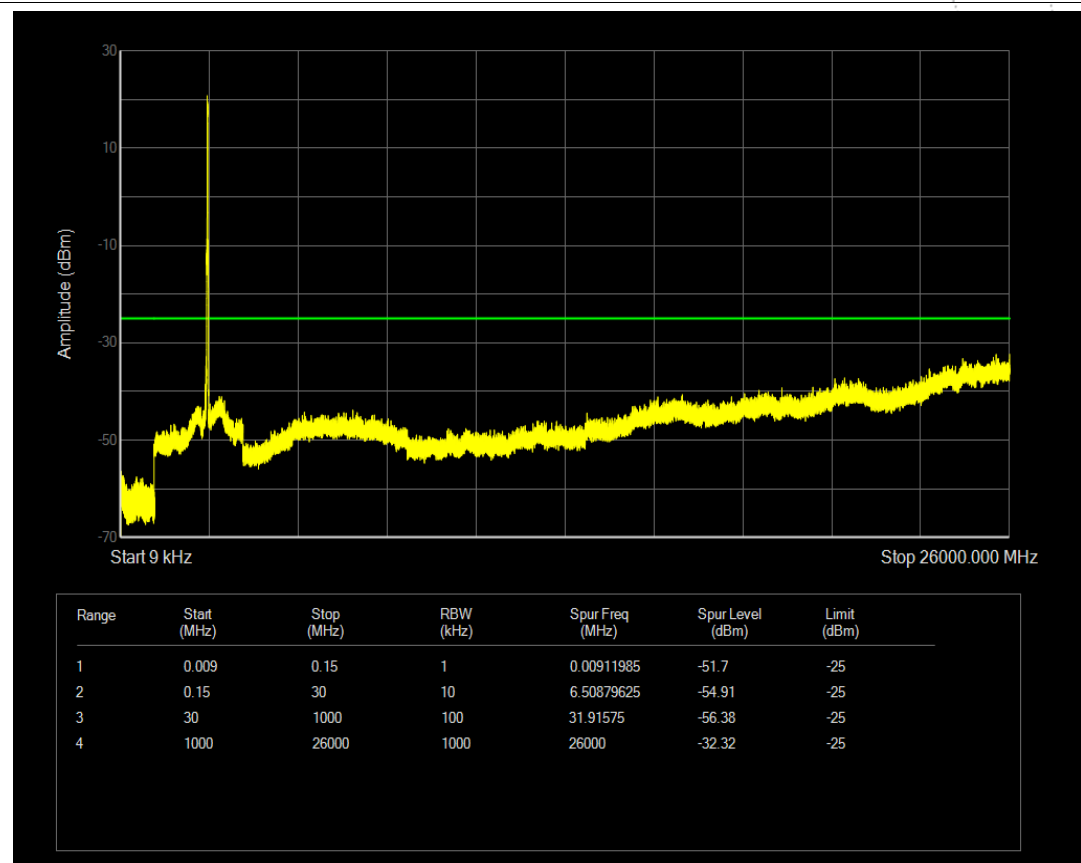


Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0 NVNT

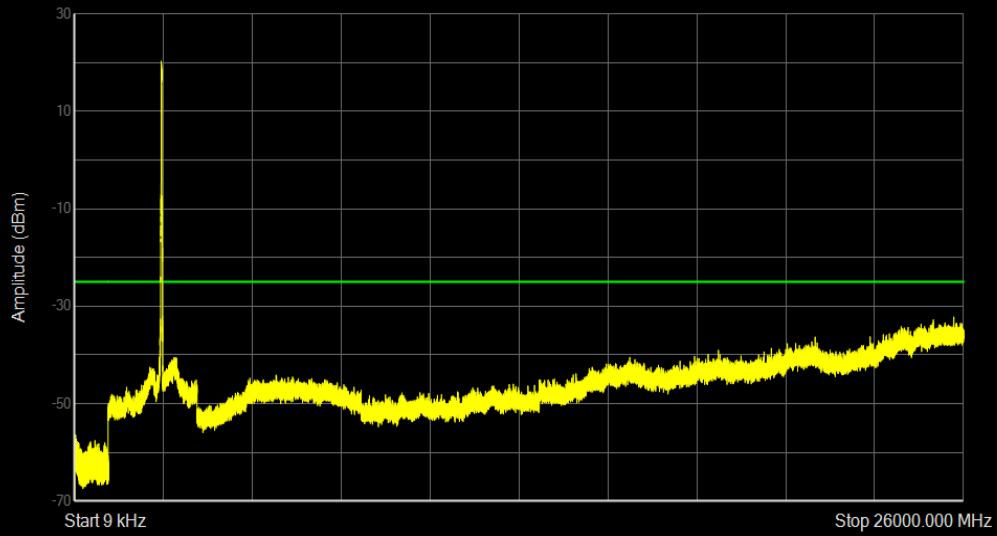




Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0 NVNT



Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00978255	-53.96	-25
2	0.15	30	10	6.12820875	-52.74	-25
3	30	1000	100	52.9405	-56.43	-25
4	1000	26000	1000	25714.375	-32.22	-25

Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT