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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	23.47	-0.18	23.29	PASS
NVNT	Band7	5	20775	1	#Mid	QPSK	23.97	-0.18	23.79	PASS
NVNT	Band7	5	20775	1	#Max	QPSK	23.65	-0.18	23.47	PASS
NVNT	Band7	5	20775	12	#0	QPSK	23.30	-0.18	23.12	PASS
NVNT	Band7	5	20775	12	#Mid	QPSK	23.34	-0.18	23.16	PASS
NVNT	Band7	5	20775	12	#Max	QPSK	23.26	-0.18	23.08	PASS
NVNT	Band7	5	20775	25	#0	QPSK	23.26	-0.18	23.08	PASS
NVNT	Band7	5	20775	1	#0	16QAM	22.34	-0.18	22.16	PASS
NVNT	Band7	5	20775	1	#Mid	16QAM	22.27	-0.18	22.09	PASS
NVNT	Band7	5	20775	1	#Max	16QAM	22.28	-0.18	22.10	PASS
NVNT	Band7	5	20775	12	#0	16QAM	22.20	-0.18	22.02	PASS
NVNT	Band7	5	20775	12	#Mid	16QAM	22.17	-0.18	21.99	PASS
NVNT	Band7	5	20775	12	#Max	16QAM	22.10	-0.18	21.92	PASS
NVNT	Band7	5	20775	25	#0	16QAM	22.38	-0.18	22.20	PASS
NVNT	Band7	5	21100	1	#0	QPSK	23.49	-0.18	23.31	PASS
NVNT	Band7	5	21100	1	#Mid	QPSK	23.74	-0.18	23.56	PASS
NVNT	Band7	5	21100	1	#Max	QPSK	23.20	-0.18	23.02	PASS
NVNT	Band7	5	21100	12	#0	QPSK	23.06	-0.18	22.88	PASS
NVNT	Band7	5	21100	12	#Mid	QPSK	23.11	-0.18	22.93	PASS
NVNT	Band7	5	21100	12	#Max	QPSK	23.03	-0.18	22.85	PASS
NVNT	Band7	5	21100	25	#0	QPSK	23.09	-0.18	22.91	PASS
NVNT	Band7	5	21100	1	#0	16QAM	21.73	-0.18	21.55	PASS
NVNT	Band7	5	21100	1	#Mid	16QAM	21.85	-0.18	21.67	PASS
NVNT	Band7	5	21100	1	#Max	16QAM	21.75	-0.18	21.57	PASS
NVNT	Band7	5	21100	12	#0	16QAM	21.98	-0.18	21.80	PASS
NVNT	Band7	5	21100	12	#Mid	16QAM	21.98	-0.18	21.80	PASS
NVNT	Band7	5	21100	12	#Max	16QAM	21.82	-0.18	21.64	PASS
NVNT	Band7	5	21100	25	#0	16QAM	22.10	-0.18	21.92	PASS
NVNT	Band7	5	21425	1	#0	QPSK	23.99	-0.18	23.81	PASS
NVNT	Band7	5	21425	1	#Mid	QPSK	24.04	-0.18	23.86	PASS
NVNT	Band7	5	21425	1	#Max	QPSK	23.85	-0.18	23.67	PASS
NVNT	Band7	5	21425	12	#0	QPSK	23.00	-0.18	22.82	PASS
NVNT	Band7	5	21425	12	#Mid	QPSK	22.93	-0.18	22.75	PASS
NVNT	Band7	5	21425	12	#Max	QPSK	23.07	-0.18	22.89	PASS
NVNT	Band7	5	21425	25	#0	QPSK	22.97	-0.18	22.79	PASS
NVNT	Band7	5	21425	1	#0	16QAM	22.08	-0.18	21.90	PASS
NVNT	Band7	5	21425	1	#Mid	16QAM	22.01	-0.18	21.83	PASS

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NVNT	Band7	5	21425	1	#Max	16QAM	22.11	-0.18	21.93	PASS
NVNT	Band7	5	21425	12	#0	16QAM	22.04	-0.18	21.86	PASS
NVNT	Band7	5	21425	12	#Mid	16QAM	22.00	-0.18	21.82	PASS
NVNT	Band7	5	21425	12	#Max	16QAM	22.40	-0.18	22.22	PASS
NVNT	Band7	5	21425	25	#0	16QAM	21.95	-0.18	21.77	PASS
NVNT	Band7	10	20800	1	#0	QPSK	23.50	-0.18	23.32	PASS
NVNT	Band7	10	20800	1	#Mid	QPSK	24.02	-0.18	23.84	PASS
NVNT	Band7	10	20800	1	#Max	QPSK	24.24	-0.18	24.06	PASS
NVNT	Band7	10	20800	25	#0	QPSK	23.23	-0.18	23.05	PASS
NVNT	Band7	10	20800	25	#Mid	QPSK	23.26	-0.18	23.08	PASS
NVNT	Band7	10	20800	25	#Max	QPSK	23.29	-0.18	23.11	PASS
NVNT	Band7	10	20800	50	#0	QPSK	23.34	-0.18	23.16	PASS
NVNT	Band7	10	20800	1	#0	16QAM	23.28	-0.18	23.10	PASS
NVNT	Band7	10	20800	1	#Mid	16QAM	23.28	-0.18	23.10	PASS
NVNT	Band7	10	20800	1	#Max	16QAM	23.22	-0.18	23.04	PASS
NVNT	Band7	10	20800	25	#0	16QAM	22.30	-0.18	22.12	PASS
NVNT	Band7	10	20800	25	#Mid	16QAM	22.30	-0.18	22.12	PASS
NVNT	Band7	10	20800	25	#Max	16QAM	22.36	-0.18	22.18	PASS
NVNT	Band7	10	20800	50	#0	16QAM	22.32	-0.18	22.14	PASS
NVNT	Band7	10	21100	1	#0	QPSK	23.69	-0.18	23.51	PASS
NVNT	Band7	10	21100	1	#Mid	QPSK	23.59	-0.18	23.41	PASS
NVNT	Band7	10	21100	1	#Max	QPSK	23.61	-0.18	23.43	PASS
NVNT	Band7	10	21100	25	#0	QPSK	23.07	-0.18	22.89	PASS
NVNT	Band7	10	21100	25	#Mid	QPSK	23.14	-0.18	22.96	PASS
NVNT	Band7	10	21100	25	#Max	QPSK	23.15	-0.18	22.97	PASS
NVNT	Band7	10	21100	50	#0	QPSK	23.16	-0.18	22.98	PASS
NVNT	Band7	10	21100	1	#0	16QAM	22.69	-0.18	22.51	PASS
NVNT	Band7	10	21100	1	#Mid	16QAM	22.70	-0.18	22.52	PASS
NVNT	Band7	10	21100	1	#Max	16QAM	22.68	-0.18	22.50	PASS
NVNT	Band7	10	21100	25	#0	16QAM	22.15	-0.18	21.97	PASS
NVNT	Band7	10	21100	25	#Mid	16QAM	22.12	-0.18	21.94	PASS
NVNT	Band7	10	21100	25	#Max	16QAM	22.05	-0.18	21.87	PASS
NVNT	Band7	10	21100	50	#0	16QAM	22.11	-0.18	21.93	PASS
NVNT	Band7	10	21400	1	#0	QPSK	24.09	-0.18	23.91	PASS
NVNT	Band7	10	21400	1	#Mid	QPSK	24.06	-0.18	23.88	PASS
NVNT	Band7	10	21400	1	#Max	QPSK	24.08	-0.18	23.90	PASS
NVNT	Band7	10	21400	25	#0	QPSK	23.06	-0.18	22.88	PASS
NVNT	Band7	10	21400	25	#Mid	QPSK	23.05	-0.18	22.87	PASS
NVNT	Band7	10	21400	25	#Max	QPSK	22.97	-0.18	22.79	PASS
NVNT	Band7	10	21400	50	#0	QPSK	22.93	-0.18	22.75	PASS
NVNT	Band7	10	21400	1	#0	16QAM	21.94	-0.18	21.76	PASS
NVNT	Band7	10	21400	1	#Mid	16QAM	21.88	-0.18	21.70	PASS
NVNT	Band7	10	21400	1	#Max	16QAM	21.97	-0.18	21.79	PASS
NVNT	Band7	10	21400	25	#0	16QAM	22.01	-0.18	21.83	PASS

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NVNT	Band7	10	21400	25	#Mid	16QAM	22.52	-0.18	22.34	PASS
NVNT	Band7	10	21400	25	#Max	16QAM	22.08	-0.18	21.90	PASS
NVNT	Band7	10	21400	50	#0	16QAM	22.43	-0.18	22.25	PASS
NVNT	Band7	15	20825	1	#0	QPSK	23.73	-0.18	23.55	PASS
NVNT	Band7	15	20825	1	#Mid	QPSK	24.10	-0.18	23.92	PASS
NVNT	Band7	15	20825	1	#Max	QPSK	24.07	-0.18	23.89	PASS
NVNT	Band7	15	20825	36	#0	QPSK	23.20	-0.18	23.02	PASS
NVNT	Band7	15	20825	36	#Mid	QPSK	23.25	-0.18	23.07	PASS
NVNT	Band7	15	20825	36	#Max	QPSK	23.21	-0.18	23.03	PASS
NVNT	Band7	15	20825	75	#0	QPSK	23.29	-0.18	23.11	PASS
NVNT	Band7	15	20825	1	#0	16QAM	23.27	-0.18	23.09	PASS
NVNT	Band7	15	20825	1	#Mid	16QAM	23.30	-0.18	23.12	PASS
NVNT	Band7	15	20825	1	#Max	16QAM	23.16	-0.18	22.98	PASS
NVNT	Band7	15	20825	36	#0	16QAM	22.35	-0.18	22.17	PASS
NVNT	Band7	15	20825	36	#Mid	16QAM	22.34	-0.18	22.16	PASS
NVNT	Band7	15	20825	36	#Max	16QAM	22.28	-0.18	22.10	PASS
NVNT	Band7	15	20825	75	#0	16QAM	22.23	-0.18	22.05	PASS
NVNT	Band7	15	21100	1	#0	QPSK	23.99	-0.18	23.81	PASS
NVNT	Band7	15	21100	1	#Mid	QPSK	23.55	-0.18	23.37	PASS
NVNT	Band7	15	21100	1	#Max	QPSK	23.40	-0.18	23.22	PASS
NVNT	Band7	15	21100	36	#0	QPSK	22.95	-0.18	22.77	PASS
NVNT	Band7	15	21100	36	#Mid	QPSK	23.08	-0.18	22.90	PASS
NVNT	Band7	15	21100	36	#Max	QPSK	22.96	-0.18	22.78	PASS
NVNT	Band7	15	21100	75	#0	QPSK	23.03	-0.18	22.85	PASS
NVNT	Band7	15	21100	1	#0	16QAM	22.01	-0.18	21.83	PASS
NVNT	Band7	15	21100	1	#Mid	16QAM	22.02	-0.18	21.84	PASS
NVNT	Band7	15	21100	1	#Max	16QAM	22.03	-0.18	21.85	PASS
NVNT	Band7	15	21100	36	#0	16QAM	22.54	-0.18	22.36	PASS
NVNT	Band7	15	21100	36	#Mid	16QAM	22.23	-0.18	22.05	PASS
NVNT	Band7	15	21100	36	#Max	16QAM	22.15	-0.18	21.97	PASS
NVNT	Band7	15	21100	75	#0	16QAM	22.14	-0.18	21.96	PASS
NVNT	Band7	15	21375	1	#0	QPSK	24.09	-0.18	23.91	PASS
NVNT	Band7	15	21375	1	#Mid	QPSK	24.09	-0.18	23.91	PASS
NVNT	Band7	15	21375	1	#Max	QPSK	24.11	-0.18	23.93	PASS
NVNT	Band7	15	21375	36	#0	QPSK	23.02	-0.18	22.84	PASS
NVNT	Band7	15	21375	36	#Mid	QPSK	23.08	-0.18	22.90	PASS
NVNT	Band7	15	21375	36	#Max	QPSK	22.97	-0.18	22.79	PASS
NVNT	Band7	15	21375	75	#0	QPSK	23.04	-0.18	22.86	PASS
NVNT	Band7	15	21375	1	#0	16QAM	22.76	-0.18	22.58	PASS
NVNT	Band7	15	21375	1	#Mid	16QAM	22.70	-0.18	22.52	PASS
NVNT	Band7	15	21375	1	#Max	16QAM	22.84	-0.18	22.66	PASS
NVNT	Band7	15	21375	36	#0	16QAM	22.01	-0.18	21.83	PASS
NVNT	Band7	15	21375	36	#Mid	16QAM	21.92	-0.18	21.74	PASS
NVNT	Band7	15	21375	36	#Max	16QAM	21.95	-0.18	21.77	PASS

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NVNT	Band7	15	21375	75	#0	16QAM	22.00	-0.18	21.82	PASS
NVNT	Band7	20	20850	1	#0	QPSK	23.92	-0.18	23.74	PASS
NVNT	Band7	20	20850	1	#Mid	QPSK	24.35	-0.18	24.17	PASS
NVNT	Band7	20	20850	1	#Max	QPSK	24.22	-0.18	24.04	PASS
NVNT	Band7	20	20850	50	#0	QPSK	23.19	-0.18	23.01	PASS
NVNT	Band7	20	20850	50	#Mid	QPSK	23.26	-0.18	23.08	PASS
NVNT	Band7	20	20850	50	#Max	QPSK	23.17	-0.18	22.99	PASS
NVNT	Band7	20	20850	100	#0	QPSK	23.26	-0.18	23.08	PASS
NVNT	Band7	20	20850	1	#0	16QAM	22.46	-0.18	22.28	PASS
NVNT	Band7	20	20850	1	#Mid	16QAM	22.44	-0.18	22.26	PASS
NVNT	Band7	20	20850	1	#Max	16QAM	22.34	-0.18	22.16	PASS
NVNT	Band7	20	20850	50	#0	16QAM	22.34	-0.18	22.16	PASS
NVNT	Band7	20	20850	50	#Mid	16QAM	22.38	-0.18	22.20	PASS
NVNT	Band7	20	20850	50	#Max	16QAM	22.65	-0.18	22.47	PASS
NVNT	Band7	20	20850	100	#0	16QAM	22.26	-0.18	22.08	PASS
NVNT	Band7	20	21100	1	#0	QPSK	24.11	-0.18	23.93	PASS
NVNT	Band7	20	21100	1	#Mid	QPSK	23.72	-0.18	23.54	PASS
NVNT	Band7	20	21100	1	#Max	QPSK	24.17	-0.18	23.99	PASS
NVNT	Band7	20	21100	50	#0	QPSK	23.07	-0.18	22.89	PASS
NVNT	Band7	20	21100	50	#Mid	QPSK	23.17	-0.18	22.99	PASS
NVNT	Band7	20	21100	50	#Max	QPSK	23.07	-0.18	22.89	PASS
NVNT	Band7	20	21100	100	#0	QPSK	23.08	-0.18	22.90	PASS
NVNT	Band7	20	21100	1	#0	16QAM	22.31	-0.18	22.13	PASS
NVNT	Band7	20	21100	1	#Mid	16QAM	22.30	-0.18	22.12	PASS
NVNT	Band7	20	21100	1	#Max	16QAM	22.27	-0.18	22.09	PASS
NVNT	Band7	20	21100	50	#0	16QAM	22.42	-0.18	22.24	PASS
NVNT	Band7	20	21100	50	#Mid	16QAM	22.09	-0.18	21.91	PASS
NVNT	Band7	20	21100	50	#Max	16QAM	22.14	-0.18	21.96	PASS
NVNT	Band7	20	21100	100	#0	16QAM	22.11	-0.18	21.93	PASS
NVNT	Band7	20	21350	1	#0	QPSK	24.00	-0.18	23.82	PASS
NVNT	Band7	20	21350	1	#Mid	QPSK	24.27	-0.18	24.09	PASS
NVNT	Band7	20	21350	1	#Max	QPSK	24.31	-0.18	24.13	PASS
NVNT	Band7	20	21350	50	#0	QPSK	23.07	-0.18	22.89	PASS
NVNT	Band7	20	21350	50	#Mid	QPSK	23.12	-0.18	22.94	PASS
NVNT	Band7	20	21350	50	#Max	QPSK	22.98	-0.18	22.80	PASS
NVNT	Band7	20	21350	100	#0	QPSK	22.96	-0.18	22.78	PASS
NVNT	Band7	20	21350	1	#0	16QAM	21.89	-0.18	21.71	PASS
NVNT	Band7	20	21350	1	#Mid	16QAM	21.89	-0.18	21.71	PASS
NVNT	Band7	20	21350	1	#Max	16QAM	21.97	-0.18	21.79	PASS
NVNT	Band7	20	21350	50	#0	16QAM	22.10	-0.18	21.92	PASS
NVNT	Band7	20	21350	50	#Mid	16QAM	22.08	-0.18	21.90	PASS
NVNT	Band7	20	21350	50	#Max	16QAM	22.48	-0.18	22.30	PASS
NVNT	Band7	20	21350	100	#0	16QAM	22.05	-0.18	21.87	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	-31.09	-0.012	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	NT	-29.23	-0.012	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	HV	NT	-30.96	-0.012	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	LV	NT	-26.45	-0.011	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	NT	-35.66	-0.014	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	HV	NT	-39.90	-0.016	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	LV	NT	24.82	0.010	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	NT	18.17	0.007	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	HV	NT	5.35	0.002	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	LV	NT	-9.93	-0.004	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	NT	-14.22	-0.006	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	HV	NT	-13.12	-0.005	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	LV	NT	-0.14	0.000	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	NT	-4.85	-0.002	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	HV	NT	-9.77	-0.004	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	LV	NT	-15.05	-0.006	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	NT	-6.52	-0.003	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	HV	NT	-3.05	-0.001	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	LV	NT	-22.95	-0.009	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	NT	-40.98	-0.016	PASS

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	7										
NVNT	Band 7	10	20800	50	#0	QPSK	HV	NT	-34.99	-0.014	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	LV	NT	-40.48	-0.016	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	NT	-47.84	-0.019	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	HV	NT	6.24	0.002	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	LV	NT	13.25	0.005	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	NT	-9.00	-0.004	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	HV	NT	-20.43	-0.008	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	LV	NT	-32.06	-0.013	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	NT	-28.77	-0.011	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	HV	NT	-26.74	-0.011	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	LV	NT	18.08	0.007	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	NT	17.61	0.007	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	HV	NT	16.12	0.006	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	LV	NT	9.18	0.004	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	NT	10.43	0.004	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	HV	NT	17.42	0.007	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	LV	NT	-19.15	-0.008	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	NT	-38.85	-0.015	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	HV	NT	1.23	0.000	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	LV	NT	-20.60	-0.008	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	NT	-24.82	-0.010	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	HV	NT	-29.43	-0.012	PASS

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	7										
NVNT	Band 7	15	21100	75	#0	QPSK	LV	NT	21.90	0.009	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	NT	-0.34	0.000	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	HV	NT	-16.18	-0.006	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	LV	NT	-26.68	-0.011	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	NT	-20.66	-0.008	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	HV	NT	-18.34	-0.007	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	LV	NT	1.10	0.000	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	NT	-12.42	-0.005	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	HV	NT	-25.62	-0.010	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	LV	NT	-27.41	-0.011	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	NT	-13.85	-0.005	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	HV	NT	-10.69	-0.004	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	LV	NT	-21.99	-0.009	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	NT	-25.48	-0.010	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	HV	NT	-42.21	-0.017	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	LV	NT	-9.10	-0.004	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	NT	-13.26	-0.005	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	HV	NT	-14.45	-0.006	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	LV	NT	15.72	0.006	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	NT	-20.89	-0.008	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	HV	NT	-46.73	-0.018	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	LV	NT	-23.47	-0.009	PASS

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	7										
NVNT	Band 7	20	21100	100	#0	16QAM	NV	NT	-16.85	-0.007	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	HV	NT	-11.52	-0.005	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	LV	NT	15.51	0.006	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	NT	-8.01	-0.003	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	HV	NT	-17.18	-0.007	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	LV	NT	-18.08	-0.007	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	NT	-7.93	-0.003	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	HV	NT	-5.48	-0.002	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	-30	-34.65	-0.014	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	-20	-21.53	-0.009	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	0	-32.54	-0.013	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	10	-13.20	-0.005	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	20	-35.76	-0.014	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	30	-9.07	-0.004	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	40	-40.74	-0.016	PASS
NVNT	Band 7	5	20775	25	#0	QPSK	NV	50	-25.15	-0.010	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	-30	-7.55	-0.003	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	-20	-11.79	-0.005	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	0	-18.78	-0.008	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	10	-24.96	-0.010	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	20	-31.14	-0.012	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	30	-34.38	-0.014	PASS

Report No.: STS2512459W04_Appendix LTE Band 7

	7										
NVNT	Band 7	5	20775	25	#0	16QAM	NV	40	-42.99	-0.017	PASS
NVNT	Band 7	5	20775	25	#0	16QAM	NV	50	-50.47	-0.020	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	-30	20.13	0.008	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	-20	7.18	0.003	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	0	-9.96	-0.004	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	10	-21.39	-0.008	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	20	-35.91	-0.014	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	30	-45.00	-0.018	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	40	10.14	0.004	PASS
NVNT	Band 7	5	21100	25	#0	QPSK	NV	50	6.97	0.003	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	-30	-1.44	-0.001	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	-20	-1.02	0.000	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	0	5.68	0.002	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	10	11.27	0.004	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	20	14.78	0.006	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	30	16.71	0.007	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	40	11.54	0.005	PASS
NVNT	Band 7	5	21100	25	#0	16QAM	NV	50	12.97	0.005	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	-30	18.93	0.007	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	-20	16.78	0.007	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	0	8.11	0.003	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	10	1.65	0.001	PASS

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	7										
NVNT	Band 7	5	21425	25	#0	QPSK	NV	20	-1.47	-0.001	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	30	-4.55	-0.002	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	40	-8.01	-0.003	PASS
NVNT	Band 7	5	21425	25	#0	QPSK	NV	50	-6.82	-0.003	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	-30	-8.65	-0.003	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	-20	-0.76	0.000	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	0	5.16	0.002	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	10	6.42	0.003	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	20	19.01	0.007	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	30	22.66	0.009	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	40	27.38	0.011	PASS
NVNT	Band 7	5	21425	25	#0	16QAM	NV	50	31.99	0.012	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	-30	6.57	0.003	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	-20	-12.76	-0.005	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	0	-31.39	-0.013	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	10	-21.16	-0.008	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	20	-49.52	-0.020	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	30	-34.29	-0.014	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	40	-34.05	-0.014	PASS
NVNT	Band 7	10	20800	50	#0	QPSK	NV	50	-13.96	-0.006	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	-30	-27.07	-0.011	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	-20	-29.97	-0.012	PASS

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	7										
NVNT	Band 7	10	20800	50	#0	16QAM	NV	0	-30.67	-0.012	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	10	-31.40	-0.013	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	20	-34.75	-0.014	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	30	-36.44	-0.015	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	40	-38.60	-0.015	PASS
NVNT	Band 7	10	20800	50	#0	16QAM	NV	50	-42.50	-0.017	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	-30	11.26	0.004	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	-20	-5.98	-0.002	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	0	-20.90	-0.008	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	10	-31.69	-0.013	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	20	-37.84	-0.015	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	30	-37.22	-0.015	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	40	-7.01	-0.003	PASS
NVNT	Band 7	10	21100	50	#0	QPSK	NV	50	-16.54	-0.007	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	-30	-24.03	-0.009	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	-20	-11.92	-0.005	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	0	-9.90	-0.004	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	10	-4.48	-0.002	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	20	-1.69	-0.001	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	30	-1.85	-0.001	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	40	2.80	0.001	PASS
NVNT	Band 7	10	21100	50	#0	16QAM	NV	50	4.68	0.002	PASS

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	7										
NVNT	Band 7	10	21400	50	#0	QPSK	NV	-30	17.37	0.007	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	-20	14.68	0.006	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	0	10.43	0.004	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	10	10.49	0.004	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	20	9.07	0.004	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	30	9.44	0.004	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	40	10.76	0.004	PASS
NVNT	Band 7	10	21400	50	#0	QPSK	NV	50	10.93	0.004	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	-30	13.13	0.005	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	-20	21.30	0.008	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	0	30.08	0.012	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	10	31.91	0.012	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	20	36.56	0.014	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	30	40.68	0.016	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	40	44.33	0.017	PASS
NVNT	Band 7	10	21400	50	#0	16QAM	NV	50	-1.00	0.000	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	-30	-2.72	-0.001	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	-20	-13.70	-0.005	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	0	-28.71	-0.011	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	10	-12.12	-0.005	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	20	-36.35	-0.014	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	30	-3.91	-0.002	PASS

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	7										
NVNT	Band 7	15	20825	75	#0	QPSK	NV	40	-21.84	-0.009	PASS
NVNT	Band 7	15	20825	75	#0	QPSK	NV	50	-31.39	-0.013	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	-30	-10.43	-0.004	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	-20	-7.80	-0.003	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	0	-4.45	-0.002	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	10	-3.39	-0.001	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	20	-4.56	-0.002	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	30	-3.33	-0.001	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	40	-5.89	-0.002	PASS
NVNT	Band 7	15	20825	75	#0	16QAM	NV	50	-5.89	-0.002	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	-30	23.25	0.009	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	-20	-1.10	0.000	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	0	-18.12	-0.007	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	10	-31.36	-0.012	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	20	-34.02	-0.013	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	30	-21.93	-0.009	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	40	-28.68	-0.011	PASS
NVNT	Band 7	15	21100	75	#0	QPSK	NV	50	-39.11	-0.015	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	-30	-16.71	-0.007	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	-20	6.51	0.003	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	0	12.52	0.005	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	10	19.28	0.008	PASS

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	7										
NVNT	Band 7	15	21100	75	#0	16QAM	NV	20	24.40	0.010	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	30	24.86	0.010	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	40	24.52	0.010	PASS
NVNT	Band 7	15	21100	75	#0	16QAM	NV	50	25.08	0.010	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	-30	12.00	0.005	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	-20	2.33	0.001	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	0	-2.32	-0.001	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	10	-3.82	-0.001	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	20	-8.17	-0.003	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	30	-8.88	-0.003	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	40	-8.44	-0.003	PASS
NVNT	Band 7	15	21375	75	#0	QPSK	NV	50	-10.24	-0.004	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	-30	-11.50	-0.004	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	-20	5.95	0.002	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	0	10.77	0.004	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	10	17.90	0.007	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	20	26.55	0.010	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	30	26.48	0.010	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	40	34.12	0.013	PASS
NVNT	Band 7	15	21375	75	#0	16QAM	NV	50	39.97	0.016	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	-30	-22.17	-0.009	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	-20	-31.37	-0.012	PASS

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	7										
NVNT	Band 7	20	20850	100	#0	QPSK	NV	0	-17.34	-0.007	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	10	-44.49	-0.018	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	20	-34.43	-0.014	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	30	-44.60	-0.018	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	40	-21.43	-0.009	PASS
NVNT	Band 7	20	20850	100	#0	QPSK	NV	50	-36.48	-0.015	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	-30	-42.41	-0.017	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	-20	-36.44	-0.015	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	0	-30.33	-0.012	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	10	-29.01	-0.012	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	20	-26.87	-0.011	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	30	-23.27	-0.009	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	40	-24.83	-0.010	PASS
NVNT	Band 7	20	20850	100	#0	16QAM	NV	50	-18.77	-0.007	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	-30	2.10	0.001	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	-20	-23.32	-0.009	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	0	-8.84	-0.003	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	10	-29.61	-0.012	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	20	-44.35	-0.017	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	30	-18.93	-0.007	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	40	-29.65	-0.012	PASS
NVNT	Band 7	20	21100	100	#0	QPSK	NV	50	-36.38	-0.014	PASS

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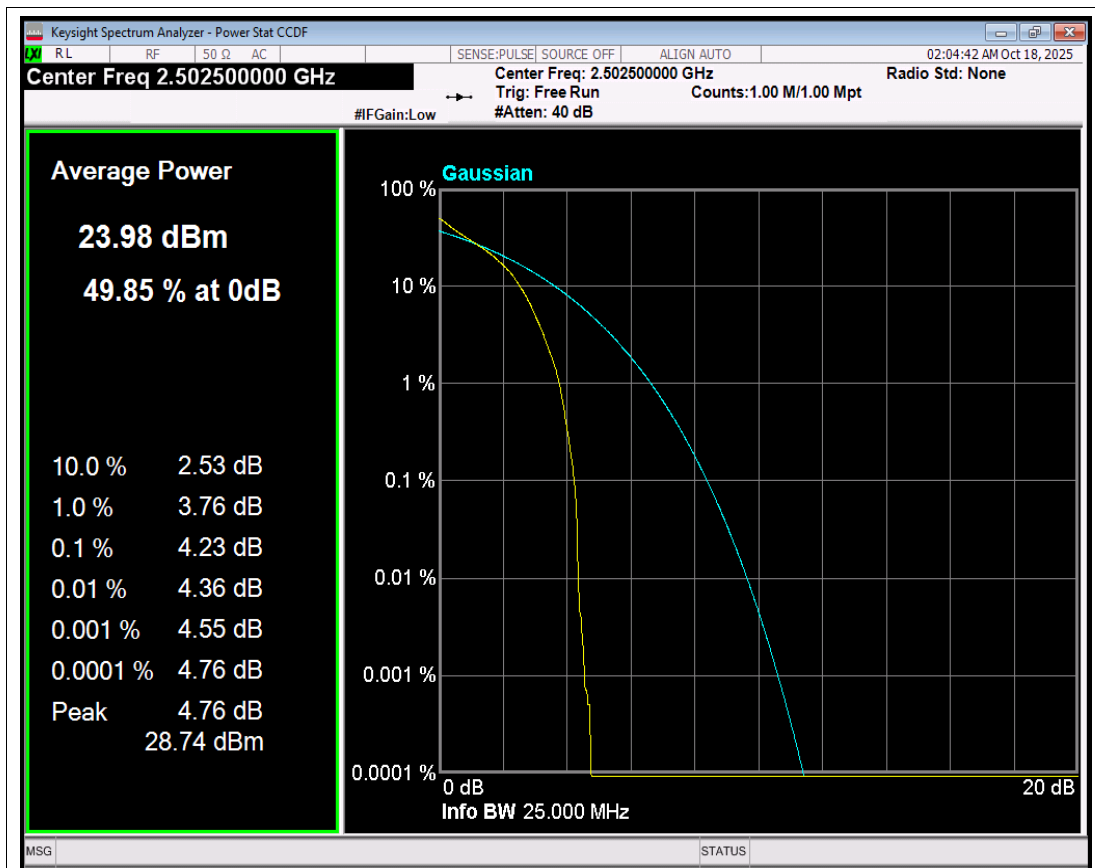
	7										
NVNT	Band 7	20	21100	100	#0	16QAM	NV	-30	-41.51	-0.016	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	-20	-28.15	-0.011	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	0	-21.30	-0.008	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	10	-19.48	-0.008	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	20	-16.42	-0.006	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	30	-12.16	-0.005	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	40	-8.35	-0.003	PASS
NVNT	Band 7	20	21100	100	#0	16QAM	NV	50	-10.89	-0.004	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	-30	16.39	0.006	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	-20	-0.06	0.000	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	0	-6.41	-0.003	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	10	-10.01	-0.004	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	20	-17.01	-0.007	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	30	-14.28	-0.006	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	40	-15.82	-0.006	PASS
NVNT	Band 7	20	21350	100	#0	QPSK	NV	50	-22.79	-0.009	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	-30	-19.47	-0.008	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	-20	-2.70	-0.001	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	0	3.36	0.001	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	10	9.66	0.004	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	20	12.12	0.005	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	30	13.18	0.005	PASS

Report No.: STS2512459W04_Appendix LTE Band 7

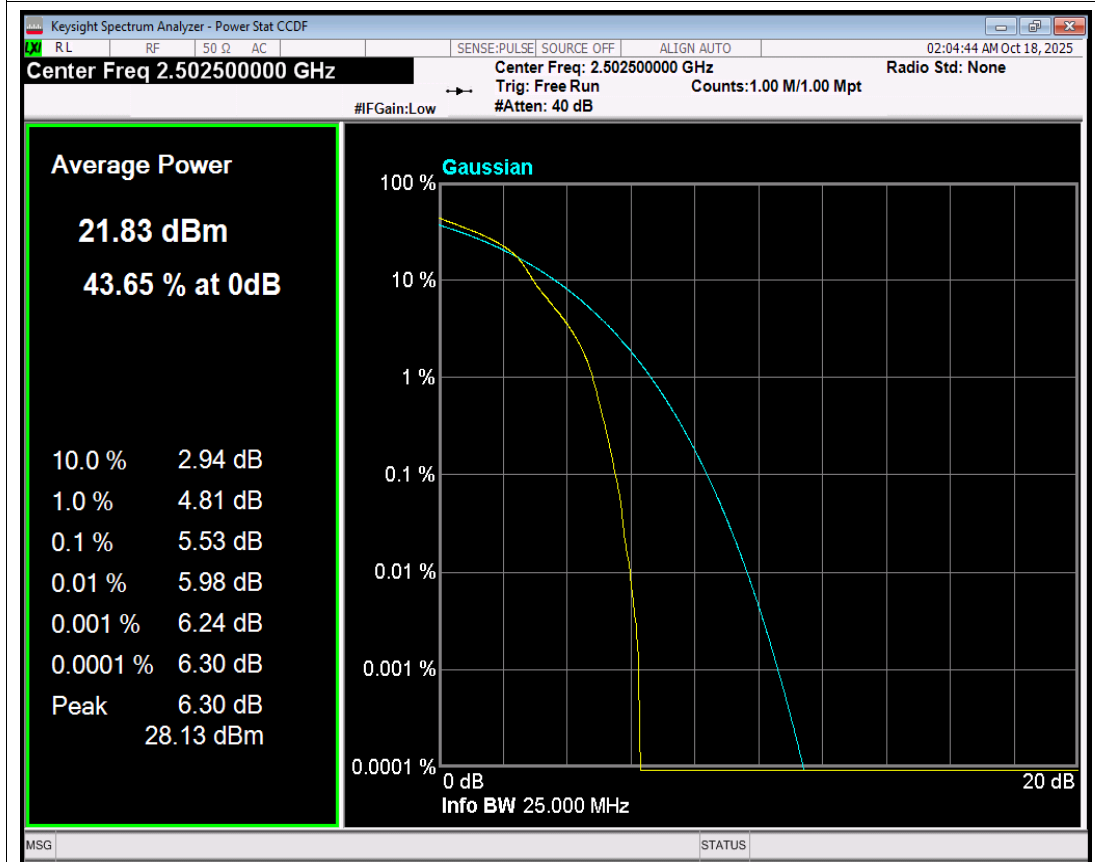
	7										
NVNT	Band 7	20	21350	100	#0	16QAM	NV	40	16.44	0.006	PASS
NVNT	Band 7	20	21350	100	#0	16QAM	NV	50	15.79	0.006	PASS

Appendix 3. Peak-to-Average Ratio

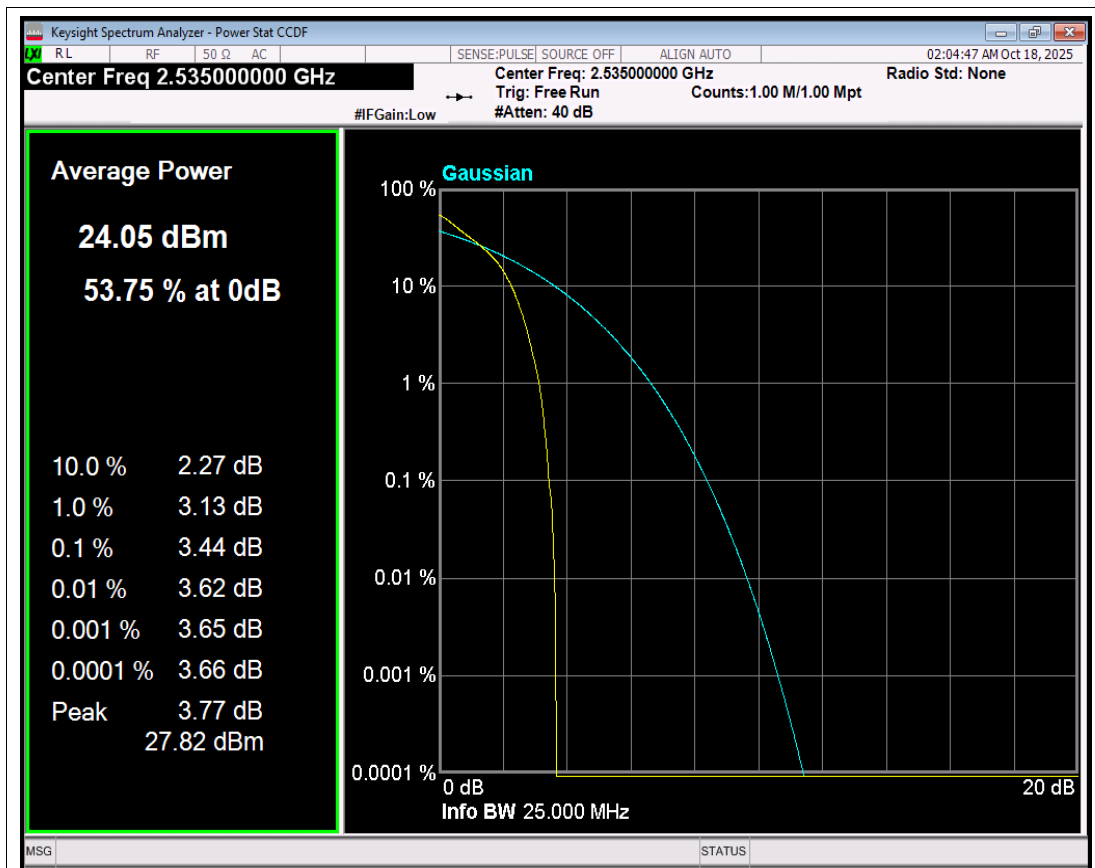
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band7	5	20775	1	#0	QPSK	4.23	13	PASS
NVNT	Band7	5	20775	1	#0	16QAM	5.53	13	PASS
NVNT	Band7	5	21100	1	#0	QPSK	3.44	13	PASS
NVNT	Band7	5	21100	1	#0	16QAM	4.86	13	PASS
NVNT	Band7	5	21425	1	#0	QPSK	3.88	13	PASS
NVNT	Band7	5	21425	1	#0	16QAM	5.59	13	PASS
NVNT	Band7	10	20800	1	#0	QPSK	3.99	13	PASS
NVNT	Band7	10	20800	1	#0	16QAM	5.59	13	PASS
NVNT	Band7	10	21100	1	#0	QPSK	3.51	13	PASS
NVNT	Band7	10	21100	1	#0	16QAM	5.17	13	PASS
NVNT	Band7	10	21400	1	#0	QPSK	4.14	13	PASS
NVNT	Band7	10	21400	1	#0	16QAM	5.74	13	PASS
NVNT	Band7	15	20825	1	#0	QPSK	3.81	13	PASS
NVNT	Band7	15	20825	1	#0	16QAM	5.54	13	PASS
NVNT	Band7	15	21100	1	#0	QPSK	3.50	13	PASS
NVNT	Band7	15	21100	1	#0	16QAM	5.08	13	PASS
NVNT	Band7	15	21375	1	#0	QPSK	4.39	13	PASS
NVNT	Band7	15	21375	1	#0	16QAM	5.72	13	PASS
NVNT	Band7	20	20850	1	#0	QPSK	3.75	13	PASS
NVNT	Band7	20	20850	1	#0	16QAM	5.29	13	PASS
NVNT	Band7	20	21100	1	#0	QPSK	3.15	13	PASS
NVNT	Band7	20	21100	1	#0	16QAM	5.04	13	PASS
NVNT	Band7	20	21350	1	#0	QPSK	4.14	13	PASS
NVNT	Band7	20	21350	1	#0	16QAM	5.68	13	PASS



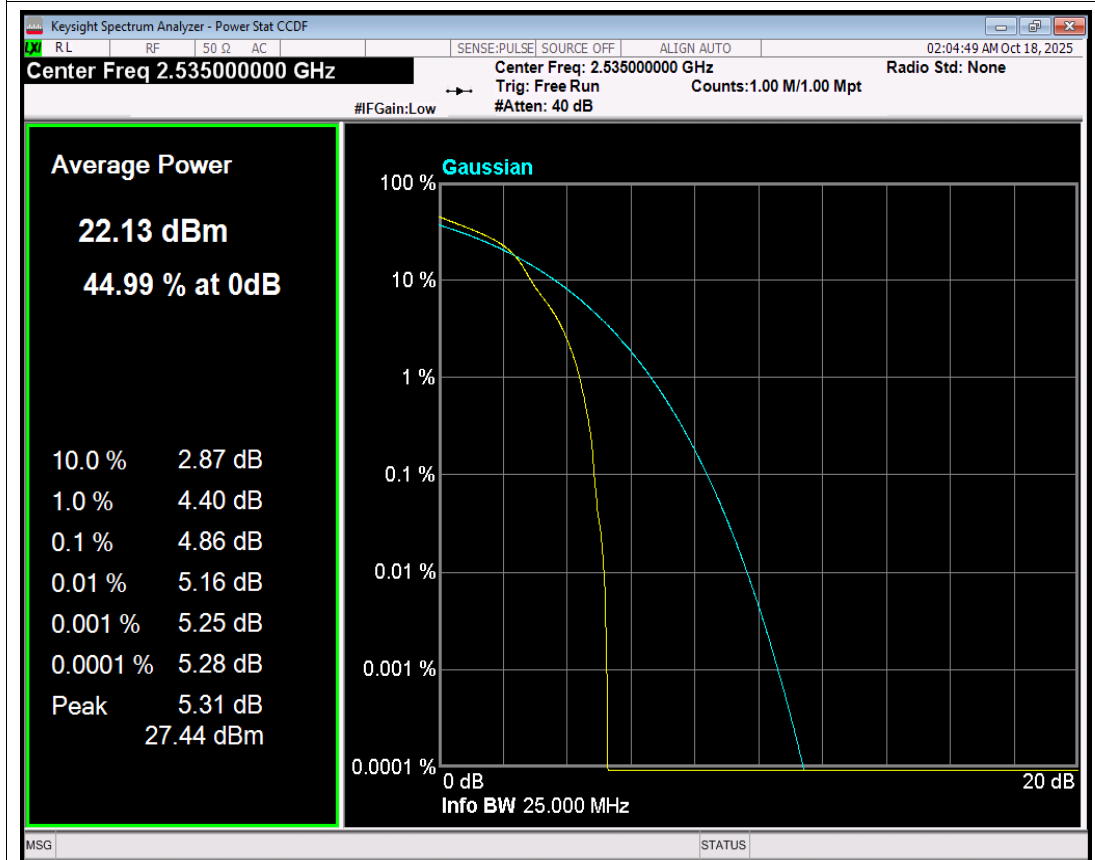
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0 NVNT



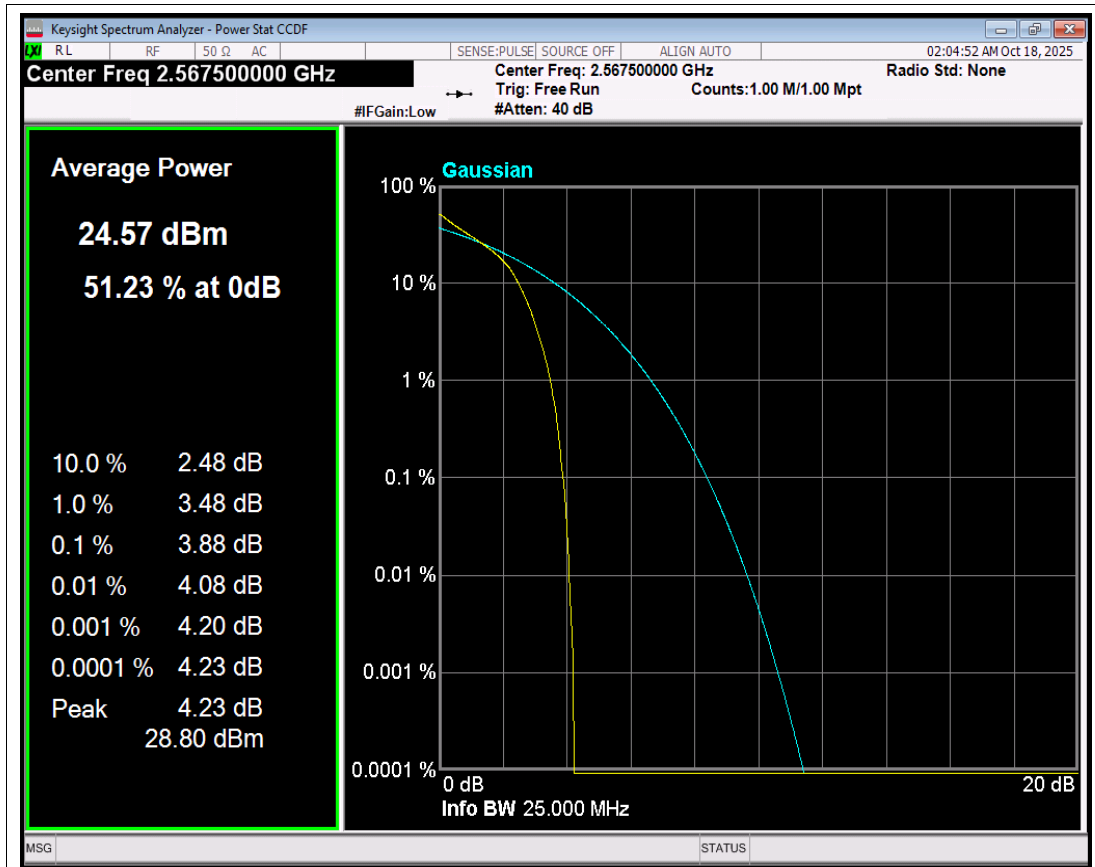
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0 NVNT



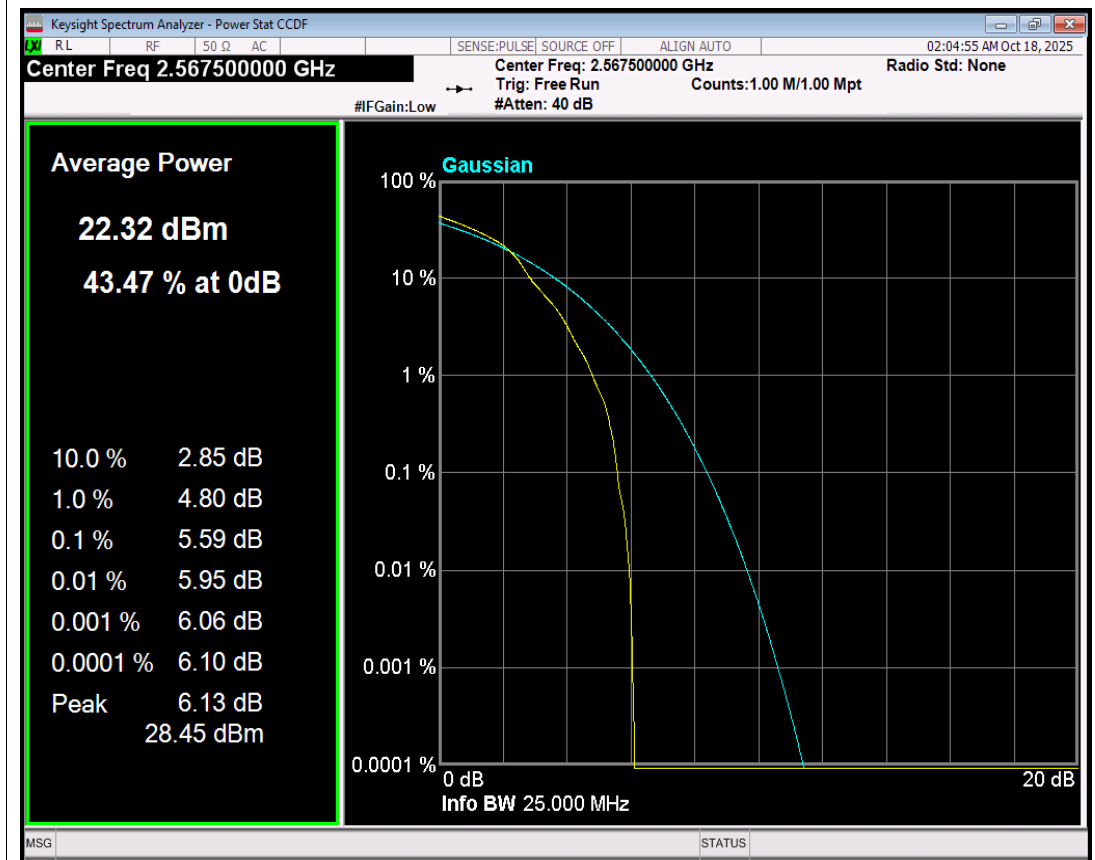
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0 NVNT



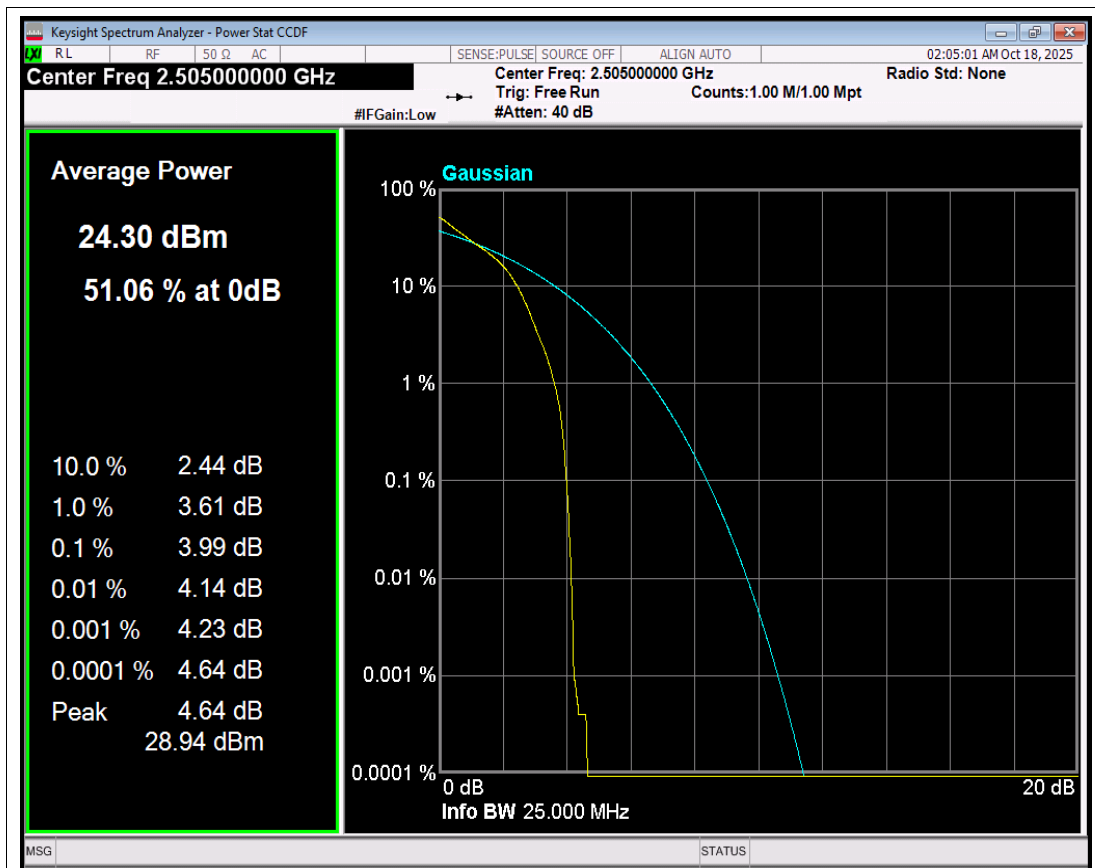
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0 NVNT



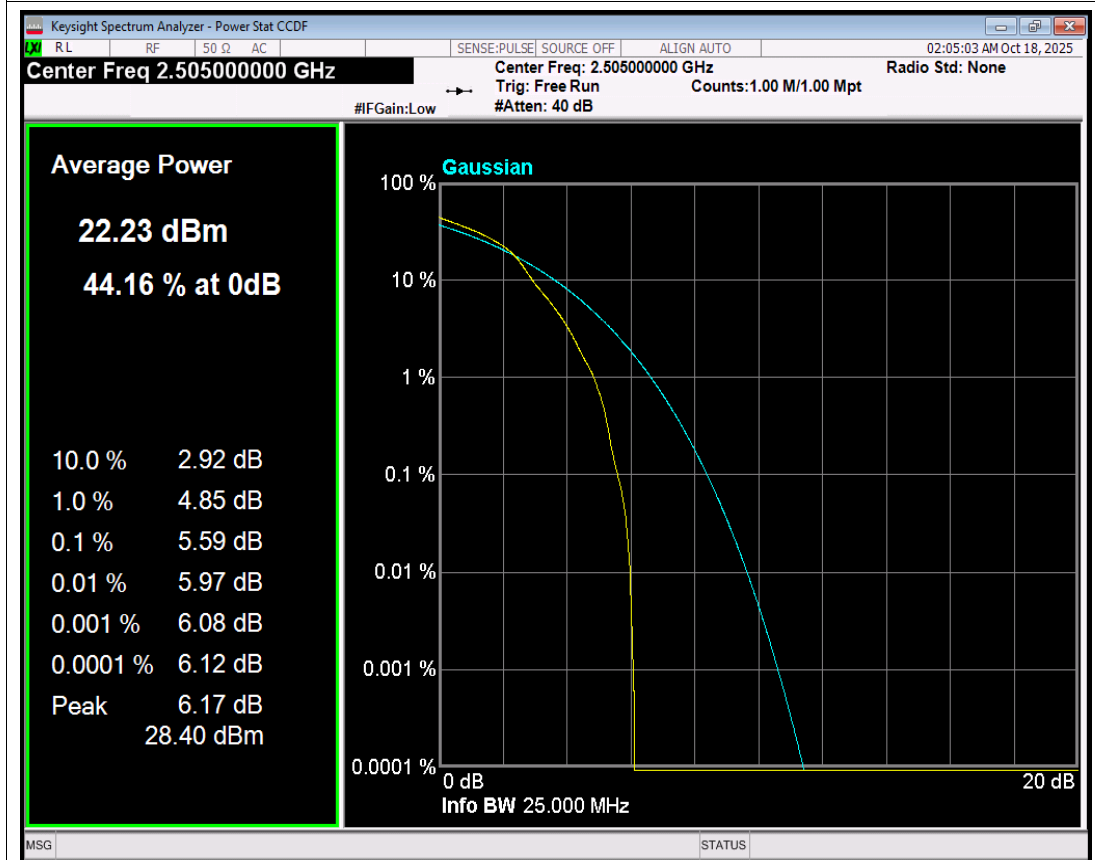
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0 NVNT



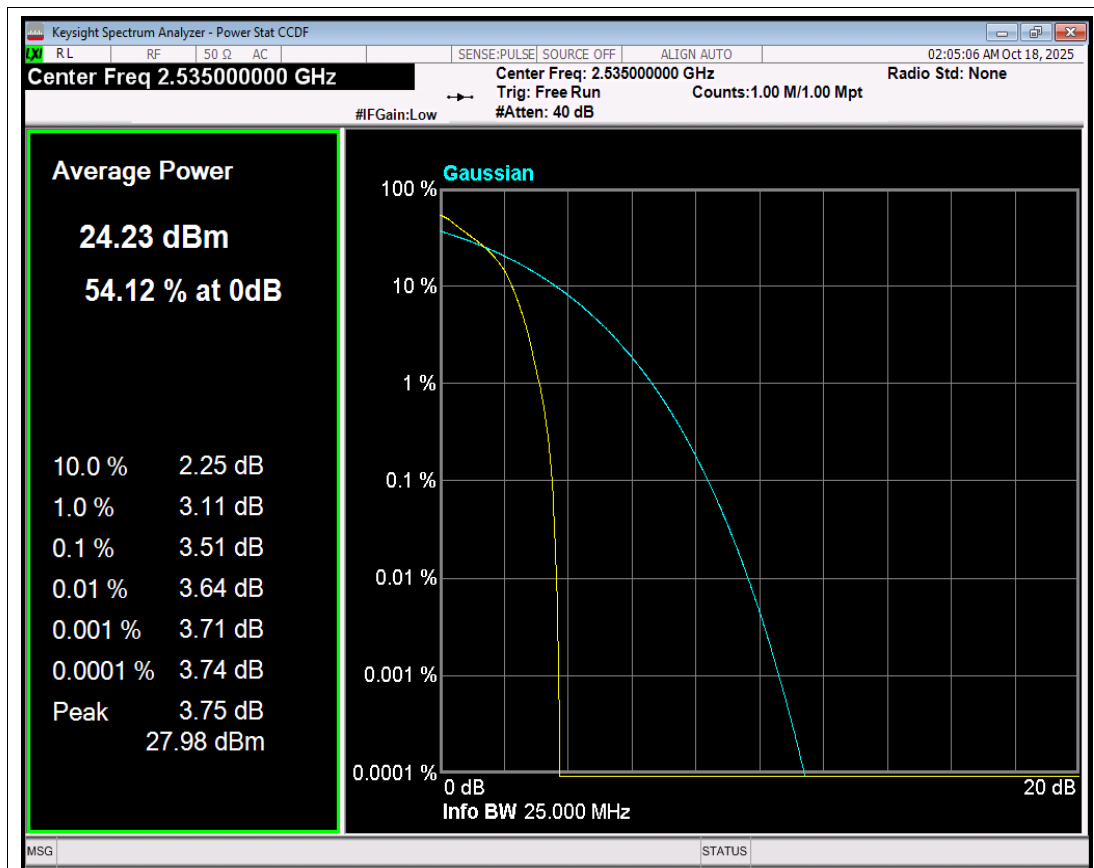
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0 NVNT



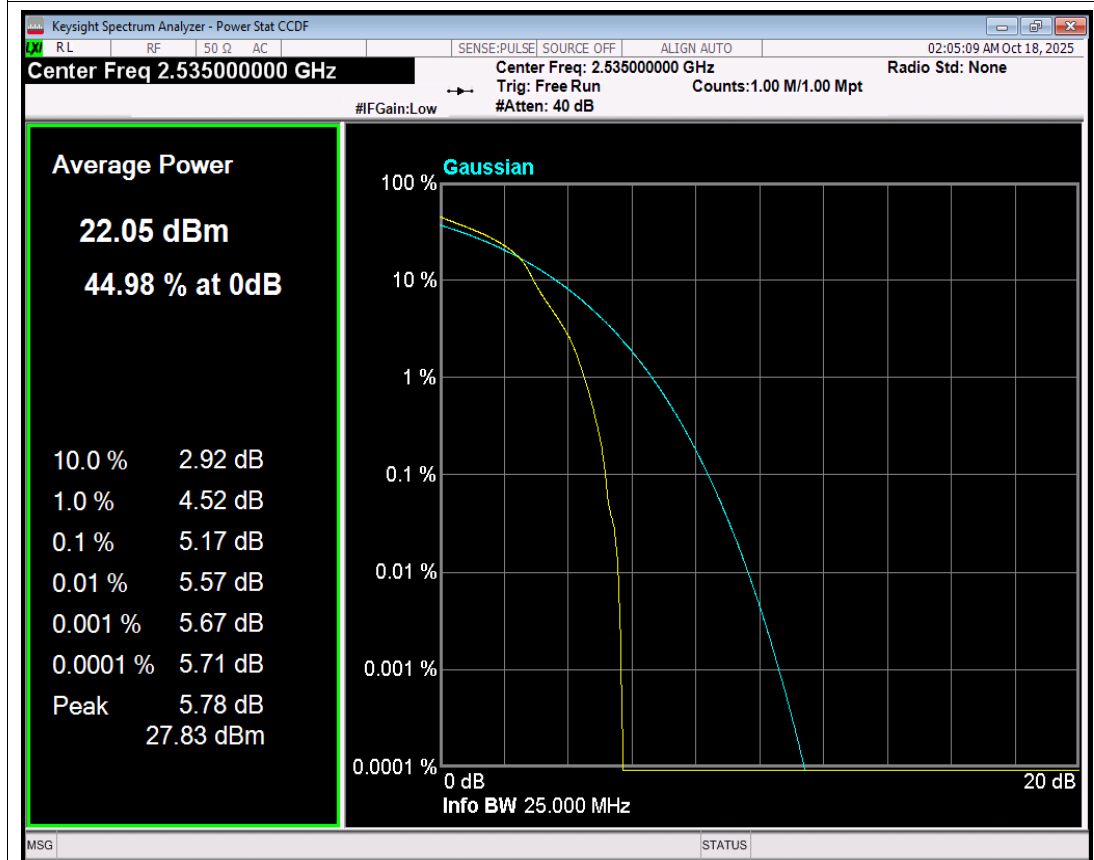
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0 NVNT



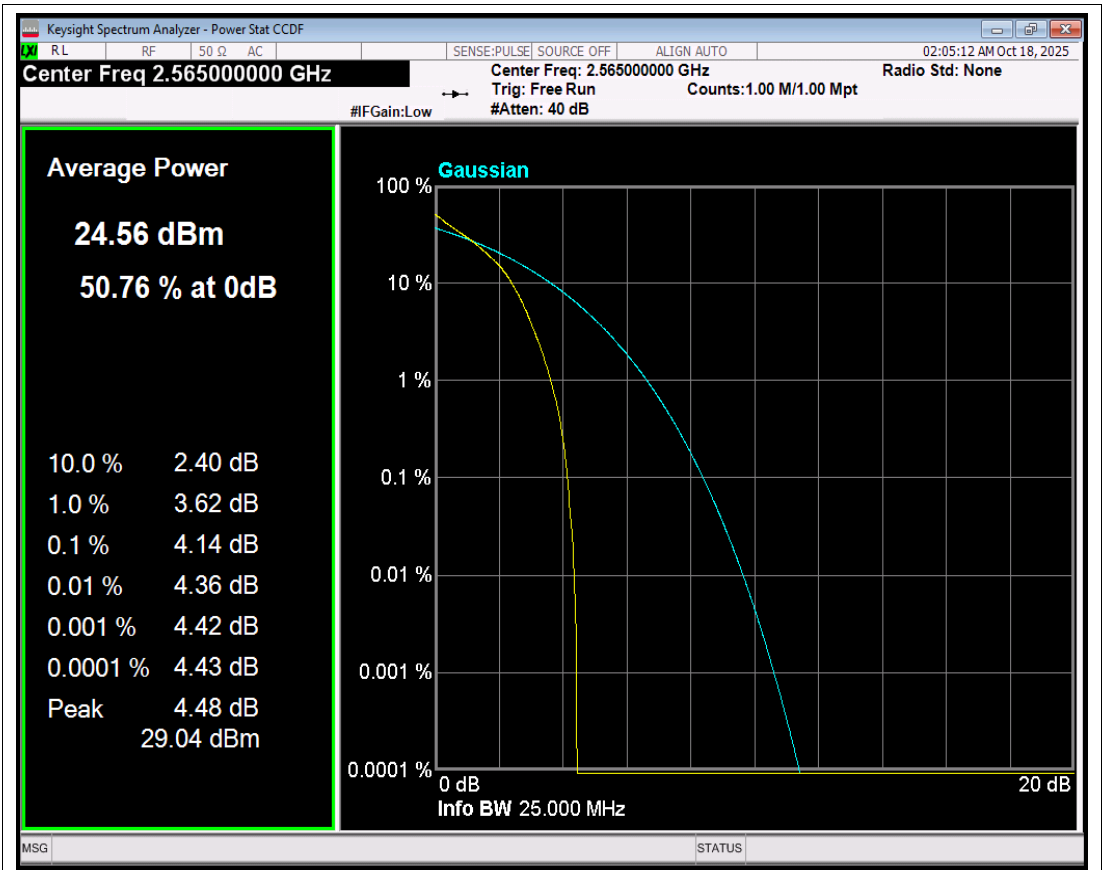
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0 NVNT



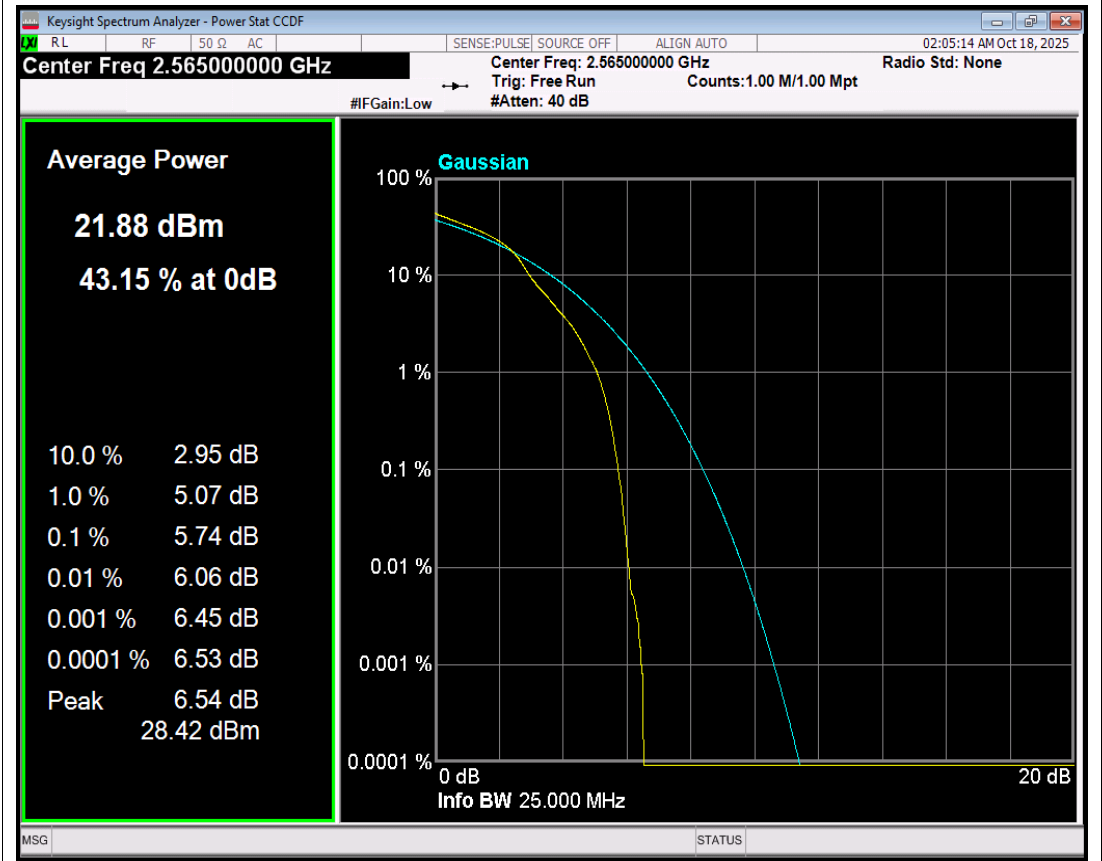
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0 NVNT



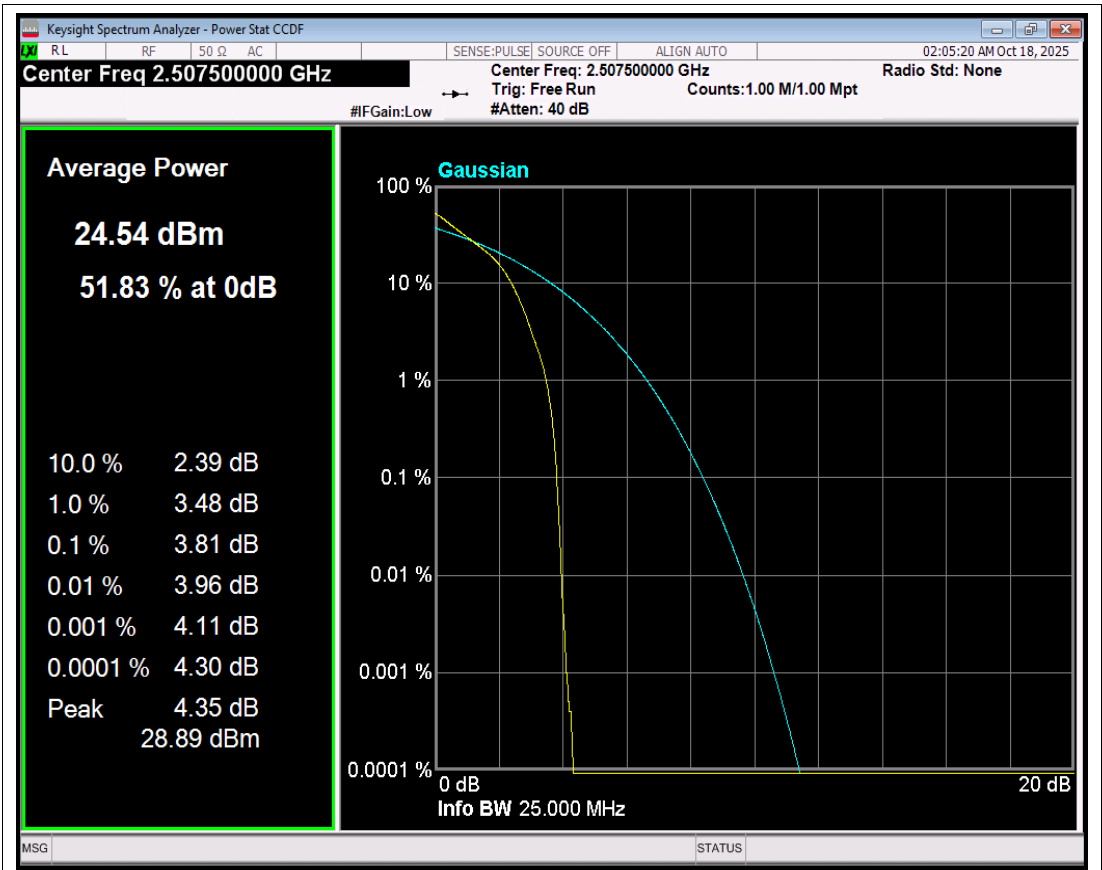
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0 NVNT



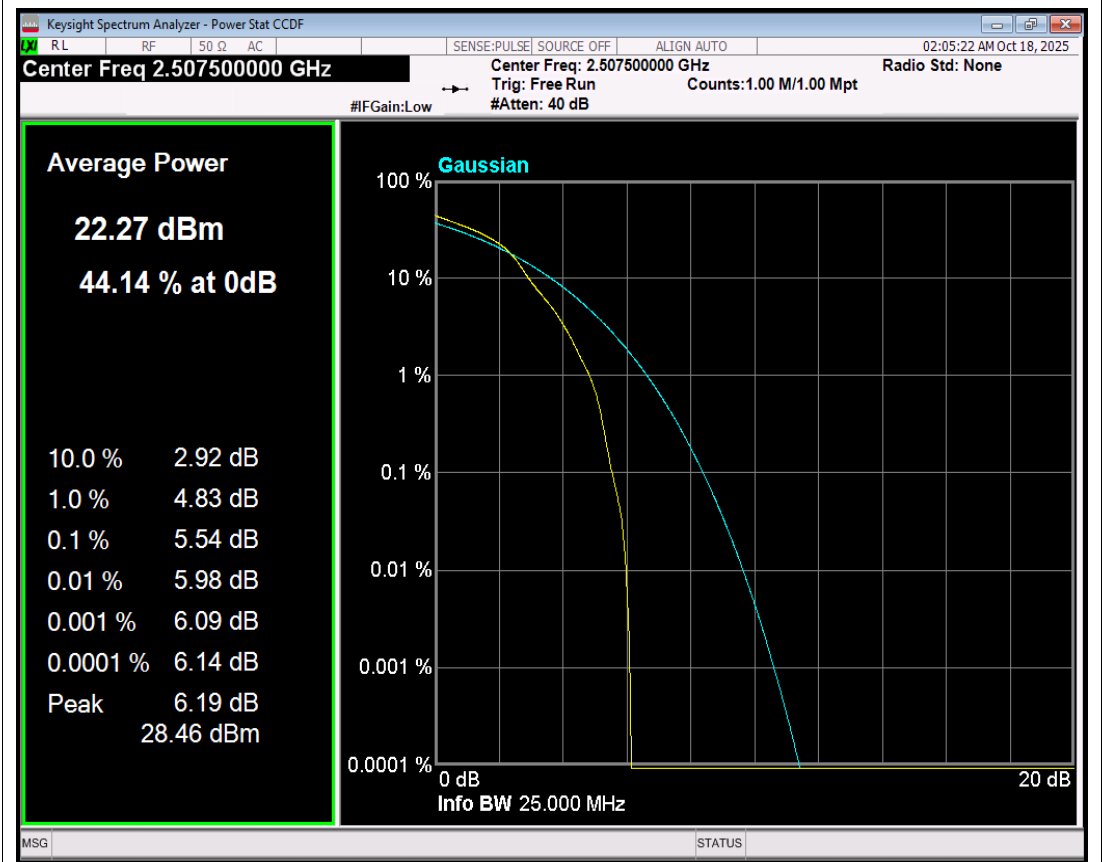
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0 NVNT



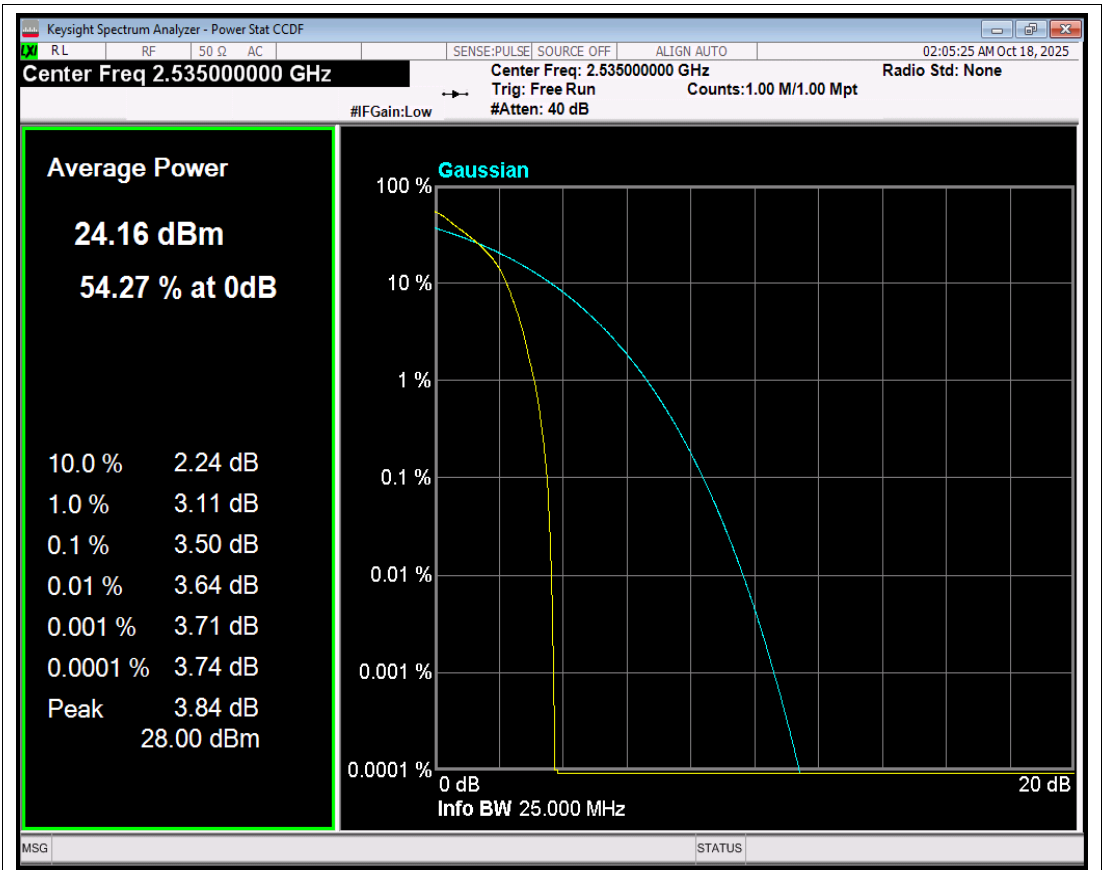
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0 NVNT



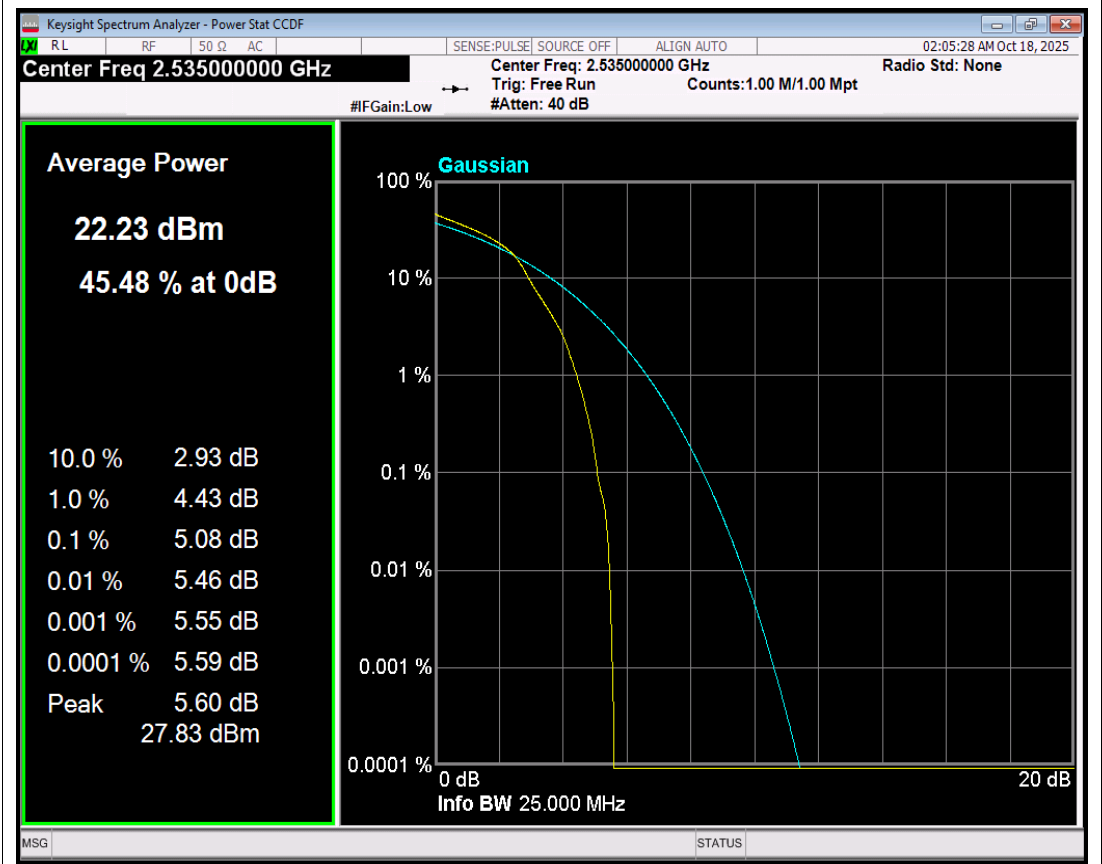
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0 NVNT



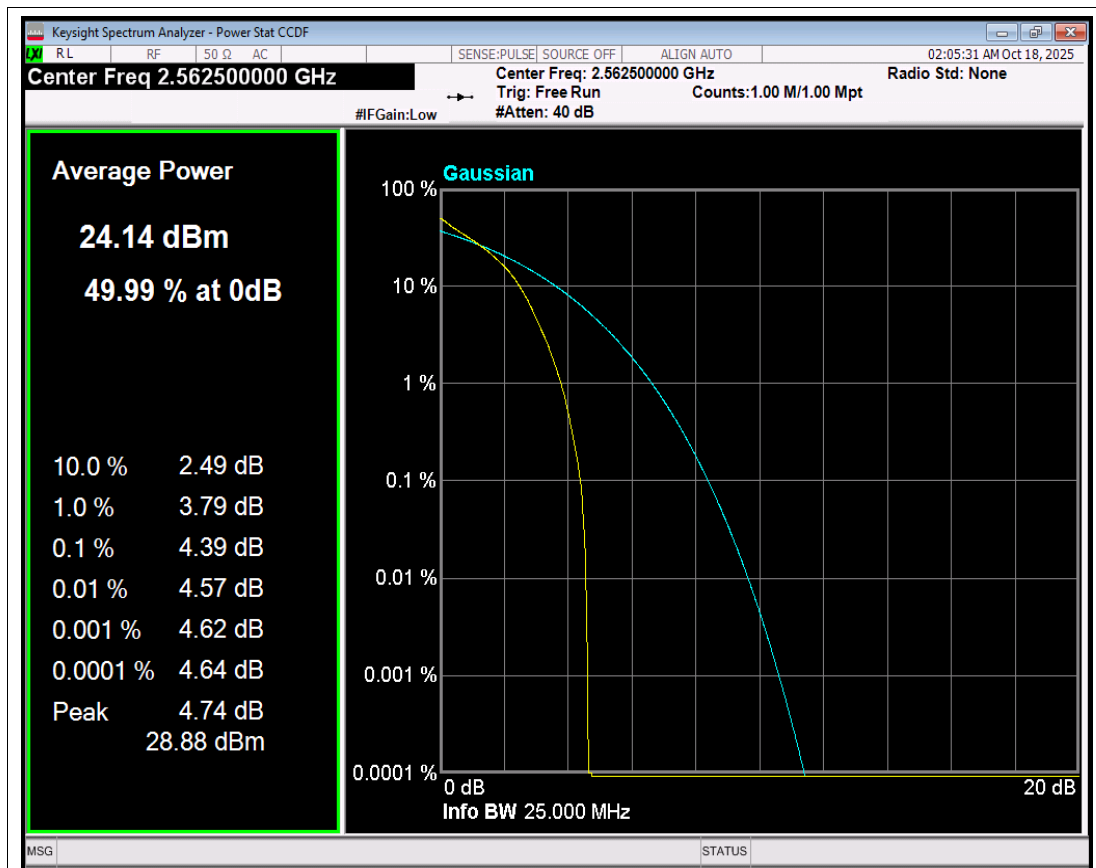
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0 NVNT



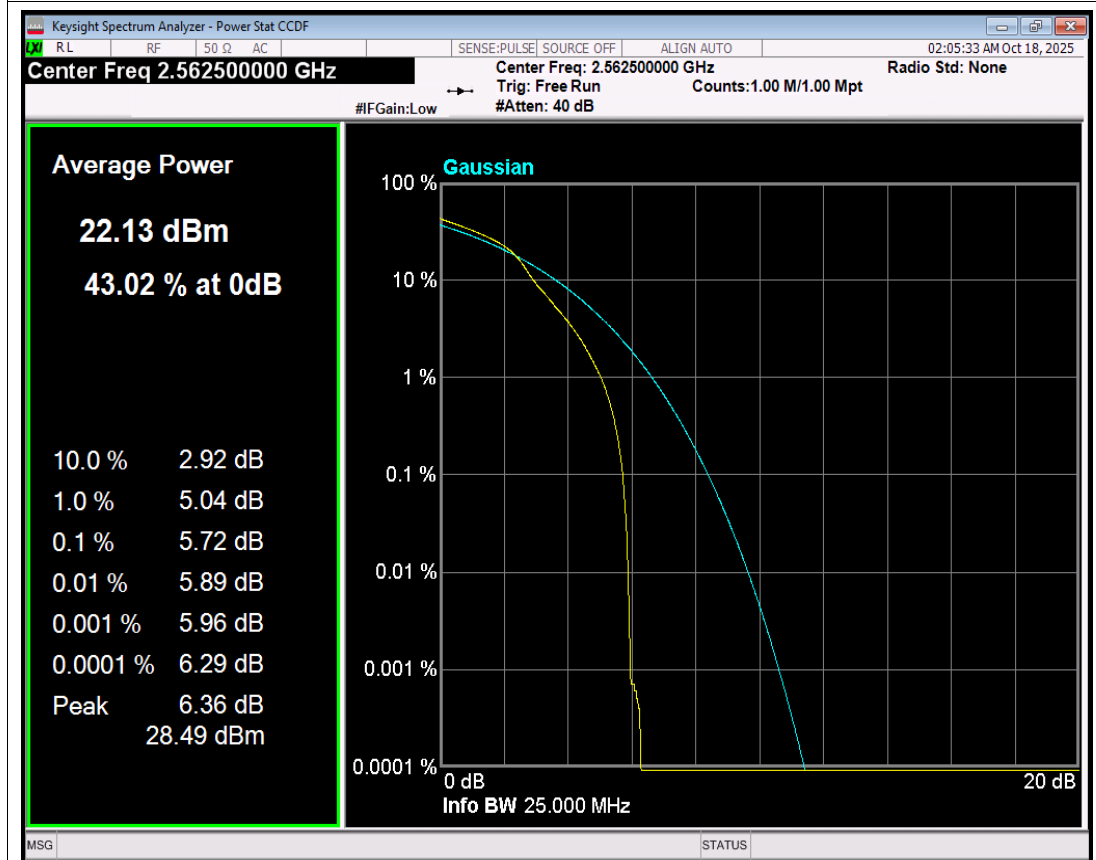
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0 NVNT



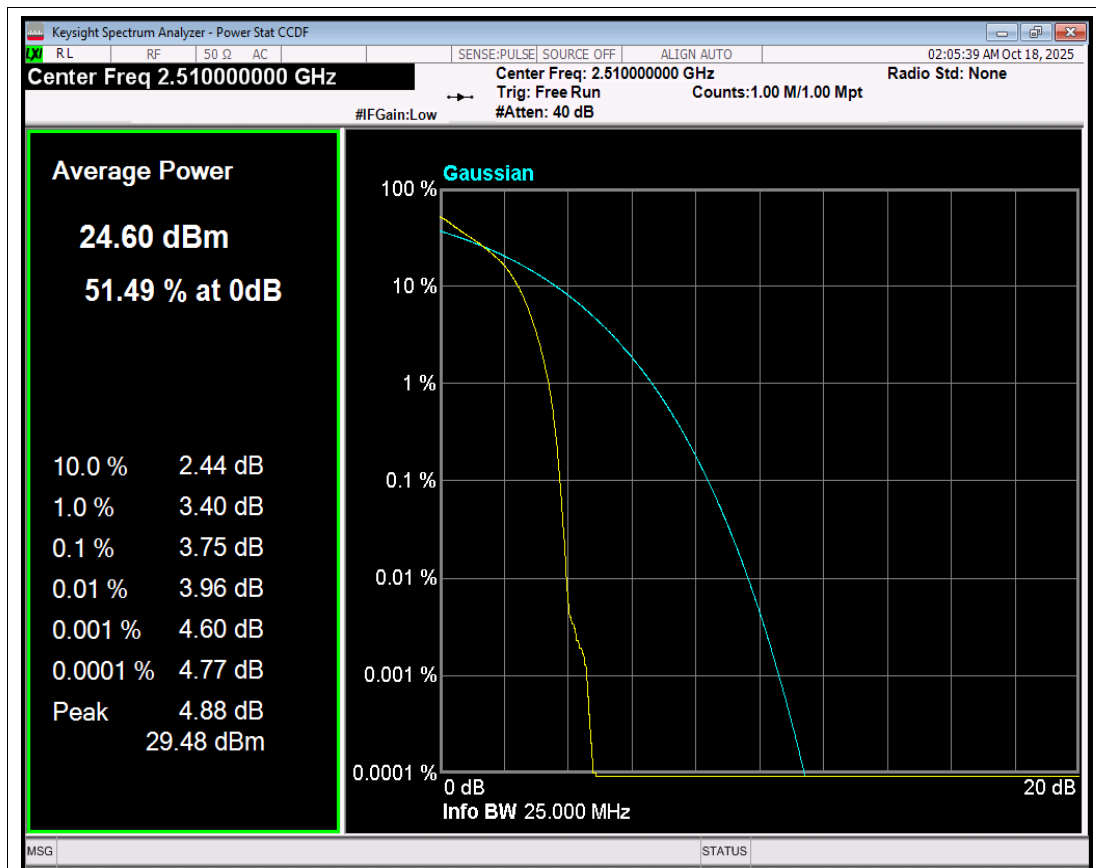
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0 NVNT



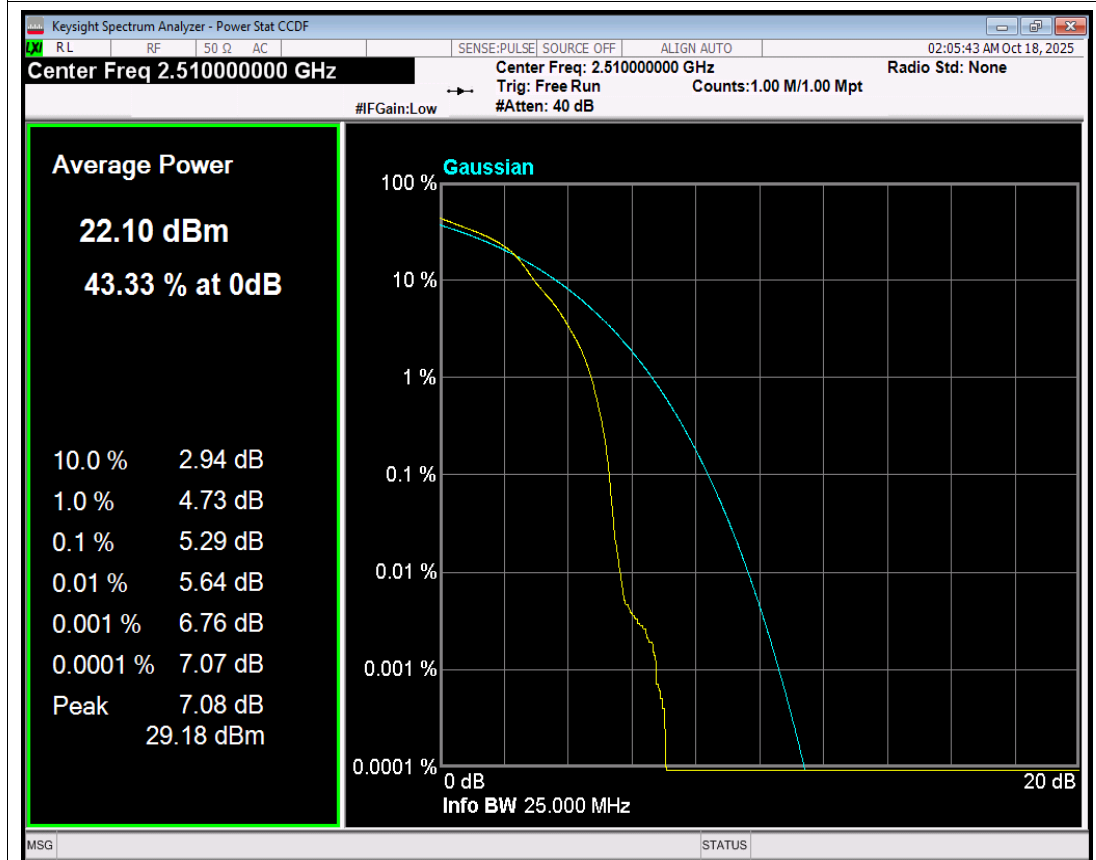
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0 NVNT



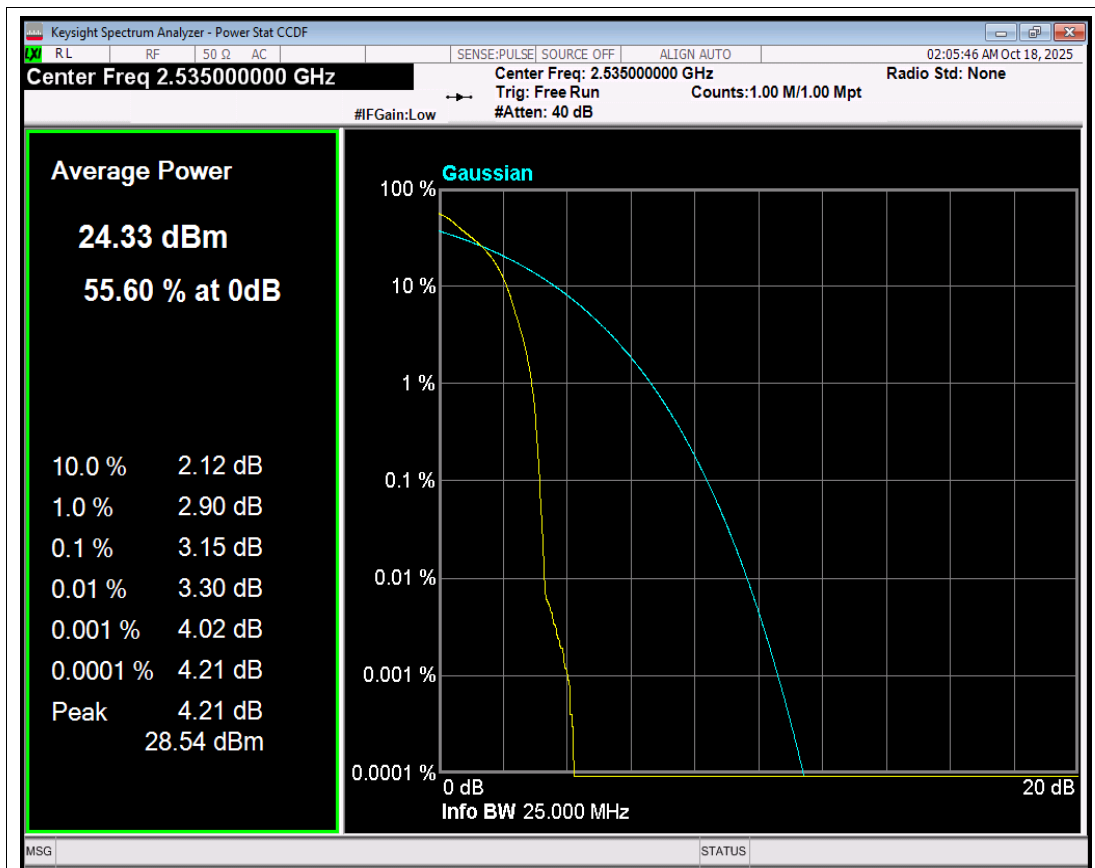
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0 NVNT



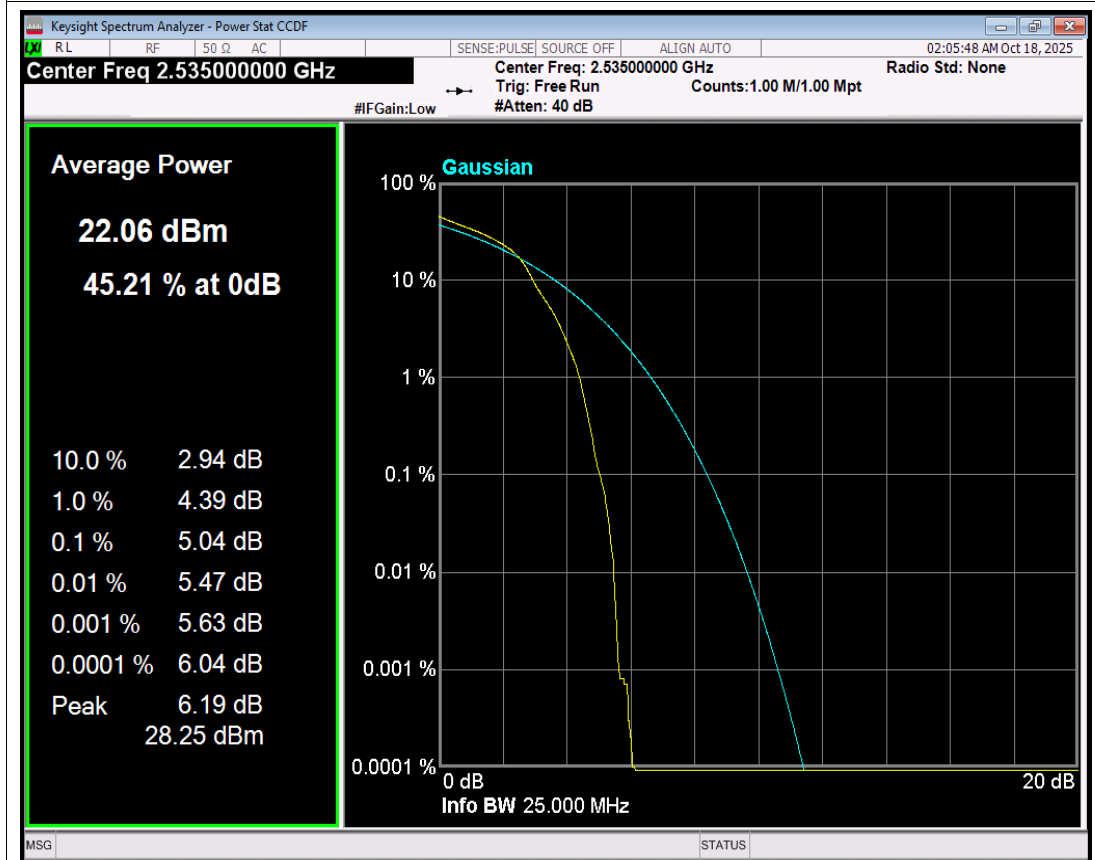
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0 NVNT



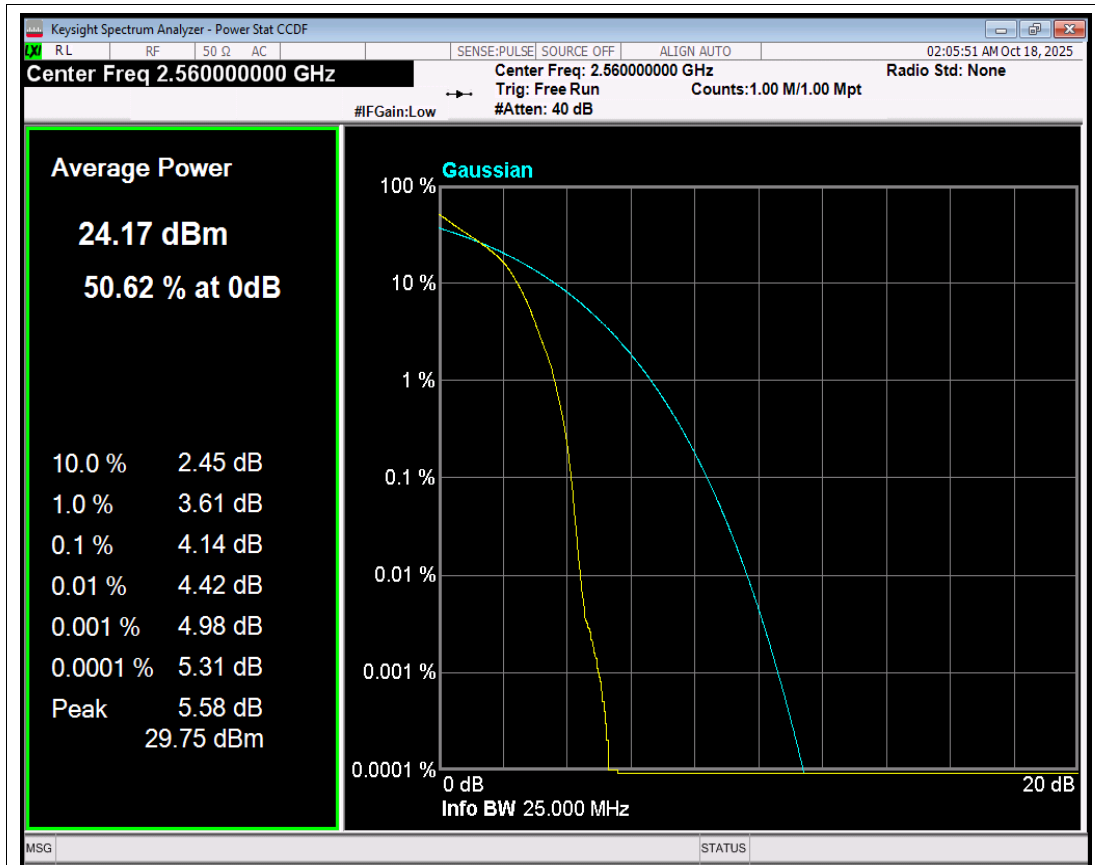
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0 NVNT



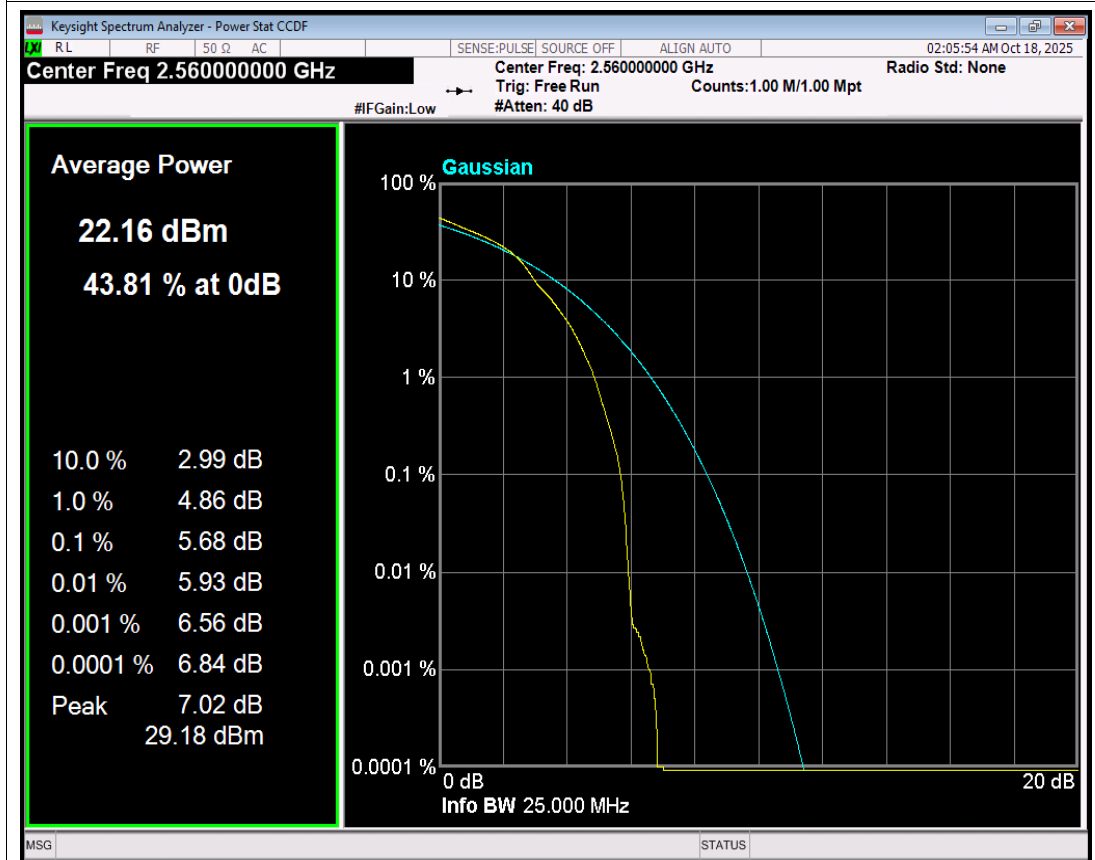
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0 NVNT



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



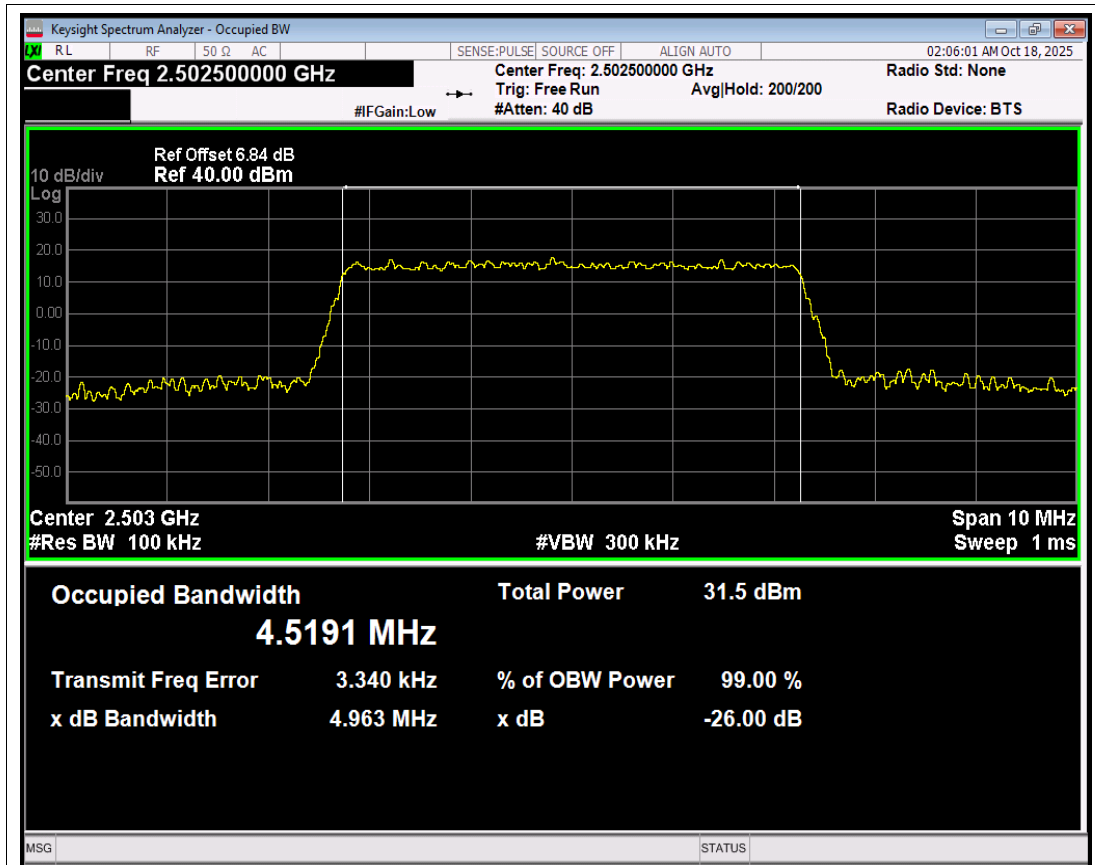
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0 NVNT



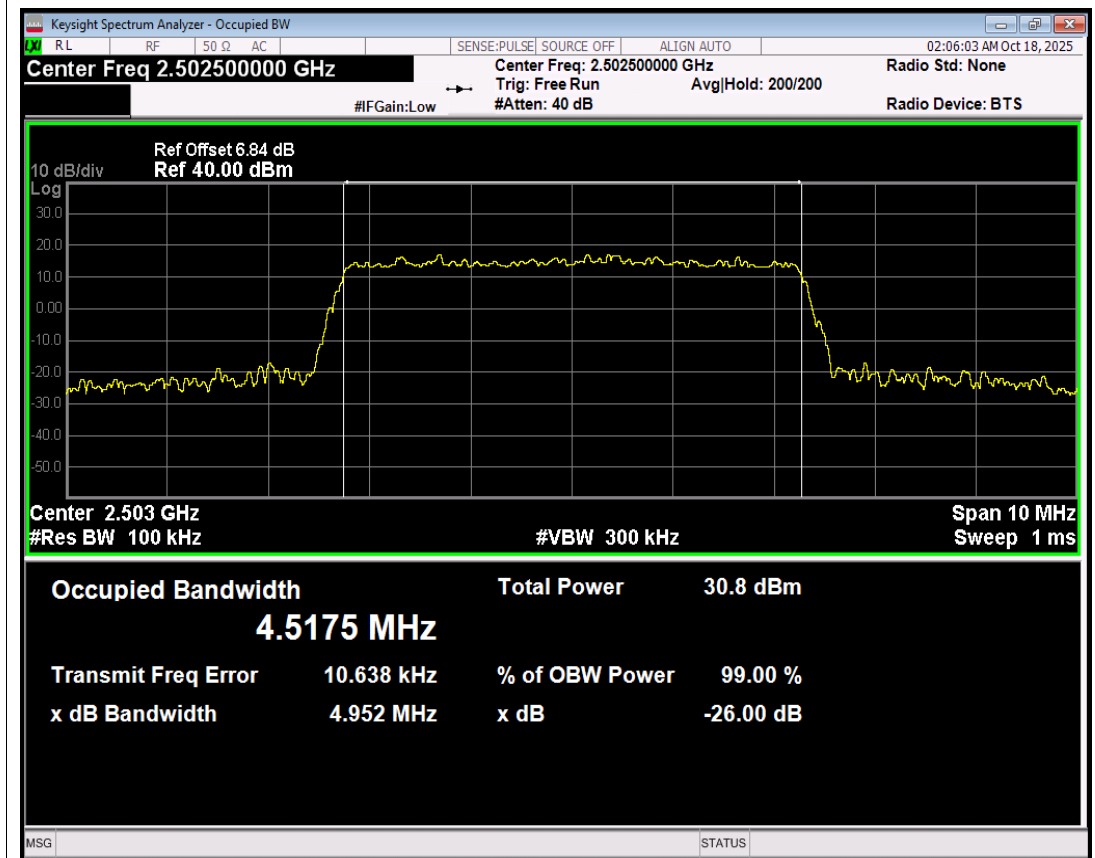
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0 NVNT

Appendix 4.Occupied bandwidth

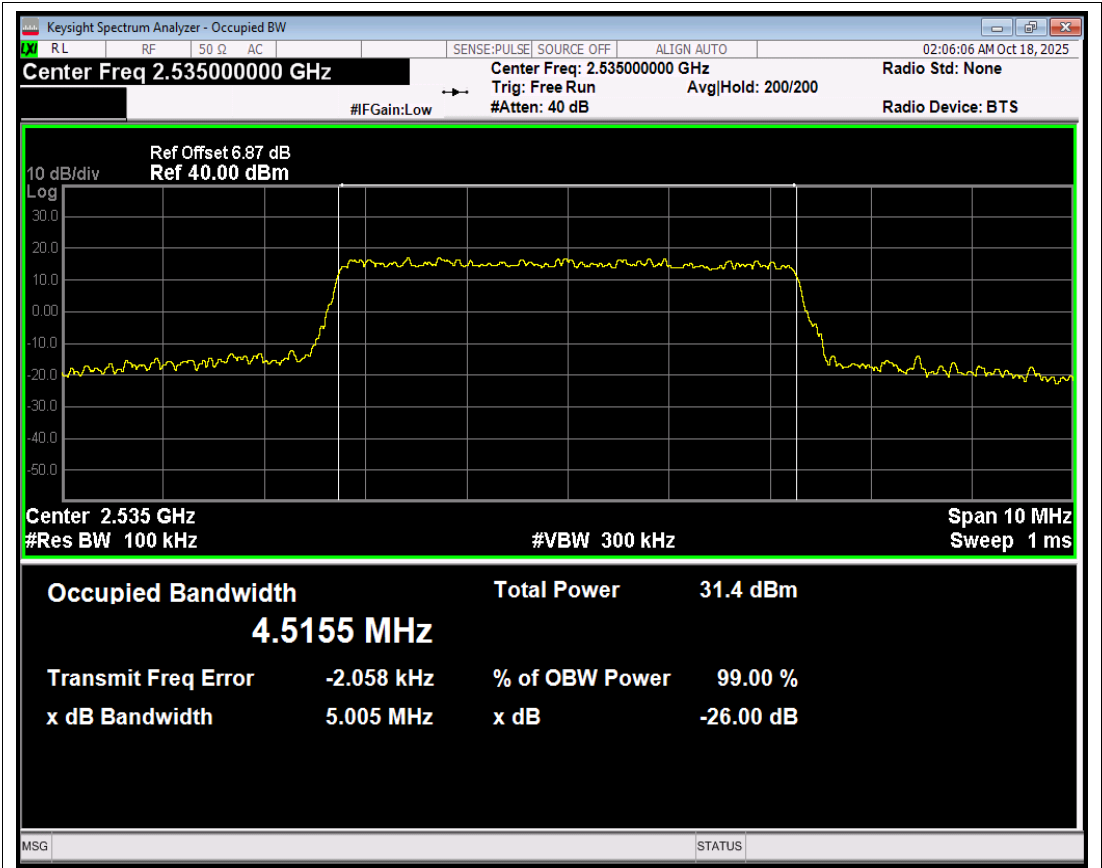
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band7	5	20775	25	#0	QPSK	4.519	4.963	PASS
NVNT	Band7	5	20775	25	#0	16QAM	4.517	4.952	PASS
NVNT	Band7	5	21100	25	#0	QPSK	4.515	5.005	PASS
NVNT	Band7	5	21100	25	#0	16QAM	4.513	4.938	PASS
NVNT	Band7	5	21425	25	#0	QPSK	4.505	4.942	PASS
NVNT	Band7	5	21425	25	#0	16QAM	4.510	4.960	PASS
NVNT	Band7	10	20800	50	#0	QPSK	8.993	9.870	PASS
NVNT	Band7	10	20800	50	#0	16QAM	8.981	9.878	PASS
NVNT	Band7	10	21100	50	#0	QPSK	8.988	9.778	PASS
NVNT	Band7	10	21100	50	#0	16QAM	9.011	9.870	PASS
NVNT	Band7	10	21400	50	#0	QPSK	9.000	9.789	PASS
NVNT	Band7	10	21400	50	#0	16QAM	8.973	9.834	PASS
NVNT	Band7	15	20825	75	#0	QPSK	13.466	14.855	PASS
NVNT	Band7	15	20825	75	#0	16QAM	13.510	14.855	PASS
NVNT	Band7	15	21100	75	#0	QPSK	13.475	14.744	PASS
NVNT	Band7	15	21100	75	#0	16QAM	13.478	14.964	PASS
NVNT	Band7	15	21375	75	#0	QPSK	13.493	15.037	PASS
NVNT	Band7	15	21375	75	#0	16QAM	13.437	14.835	PASS
NVNT	Band7	20	20850	100	#0	QPSK	18.004	19.587	PASS
NVNT	Band7	20	20850	100	#0	16QAM	18.033	19.664	PASS
NVNT	Band7	20	21100	100	#0	QPSK	17.967	19.680	PASS
NVNT	Band7	20	21100	100	#0	16QAM	17.965	19.687	PASS
NVNT	Band7	20	21350	100	#0	QPSK	17.990	19.576	PASS
NVNT	Band7	20	21350	100	#0	16QAM	17.955	19.612	PASS



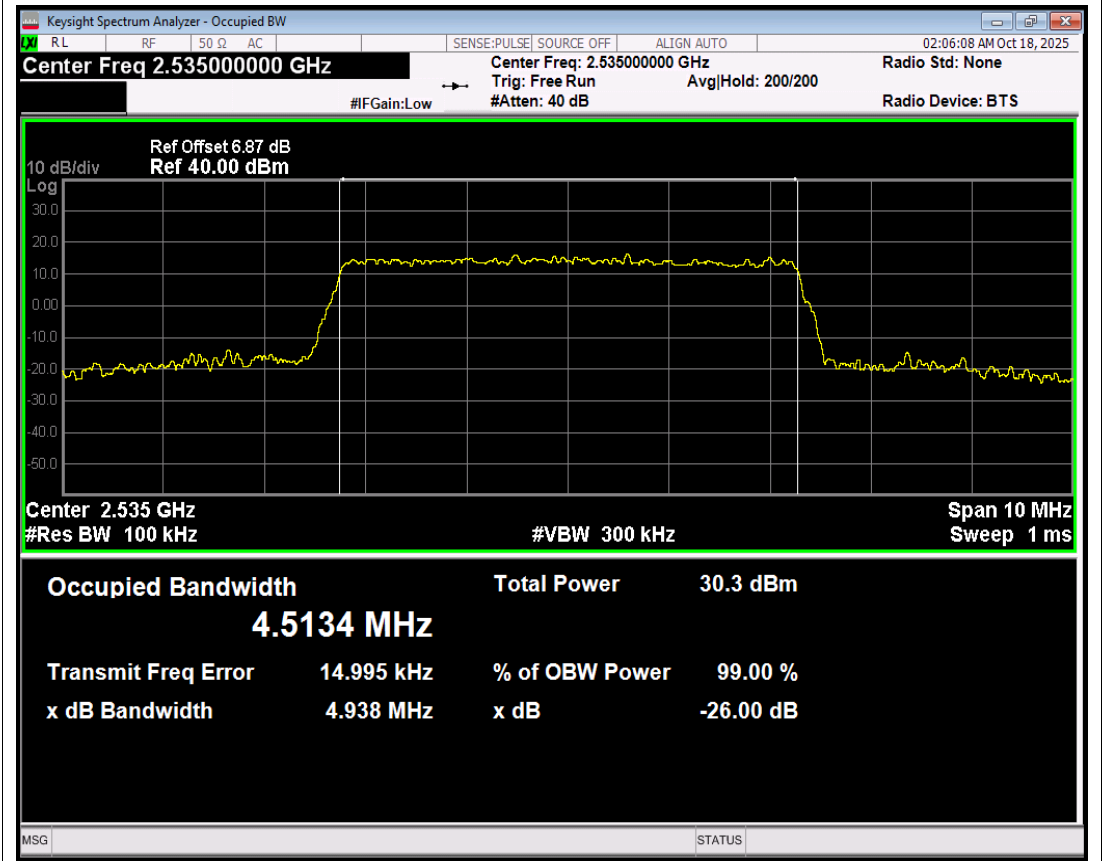
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



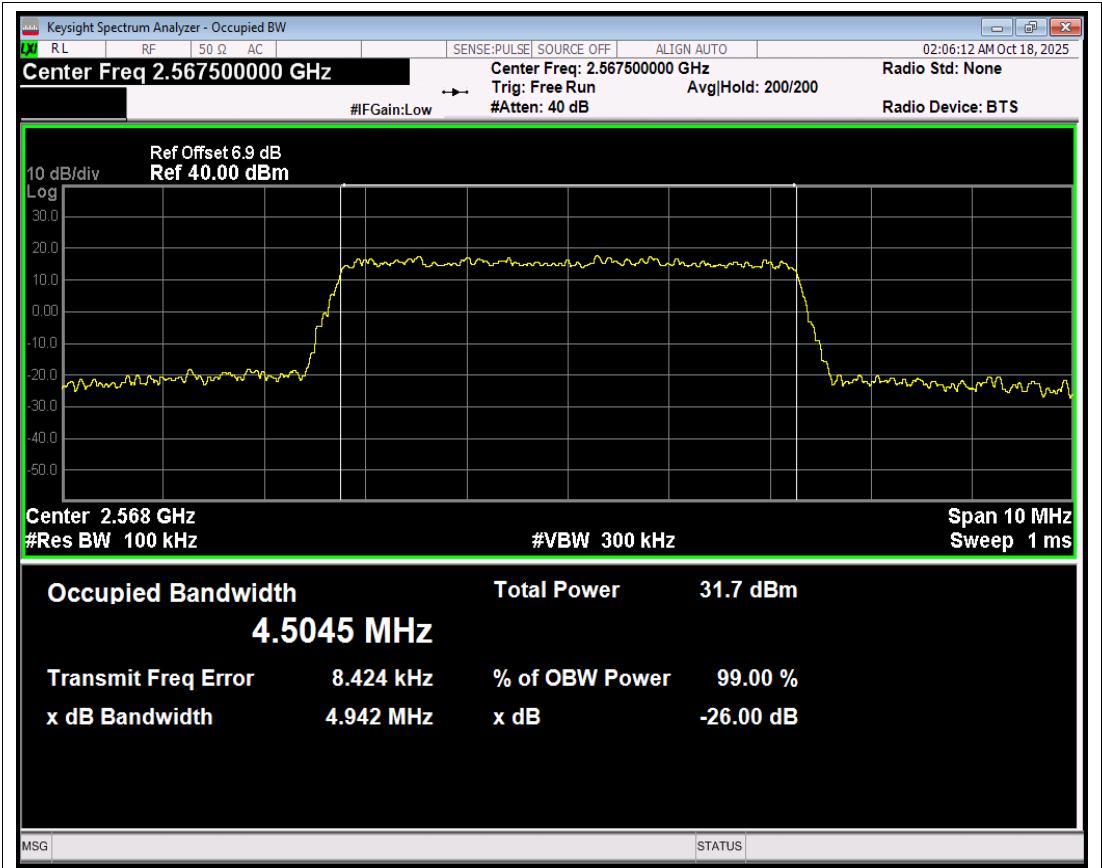
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



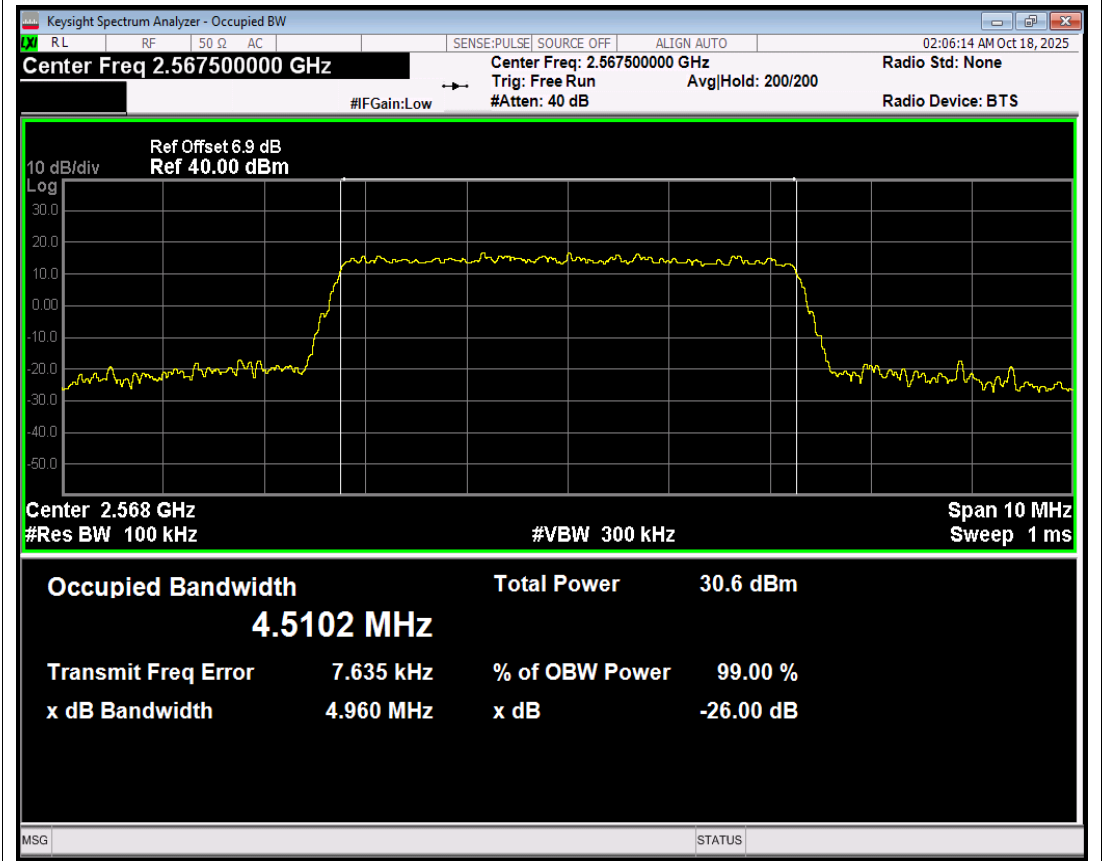
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT



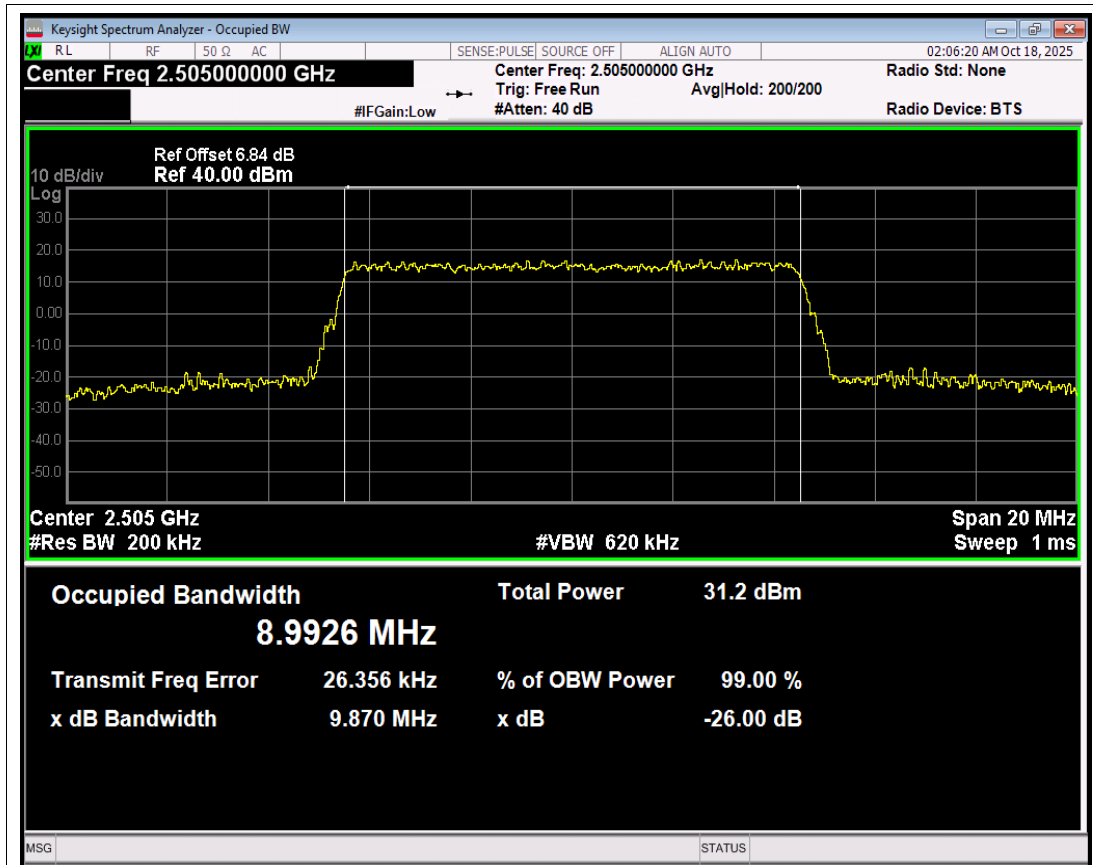
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT



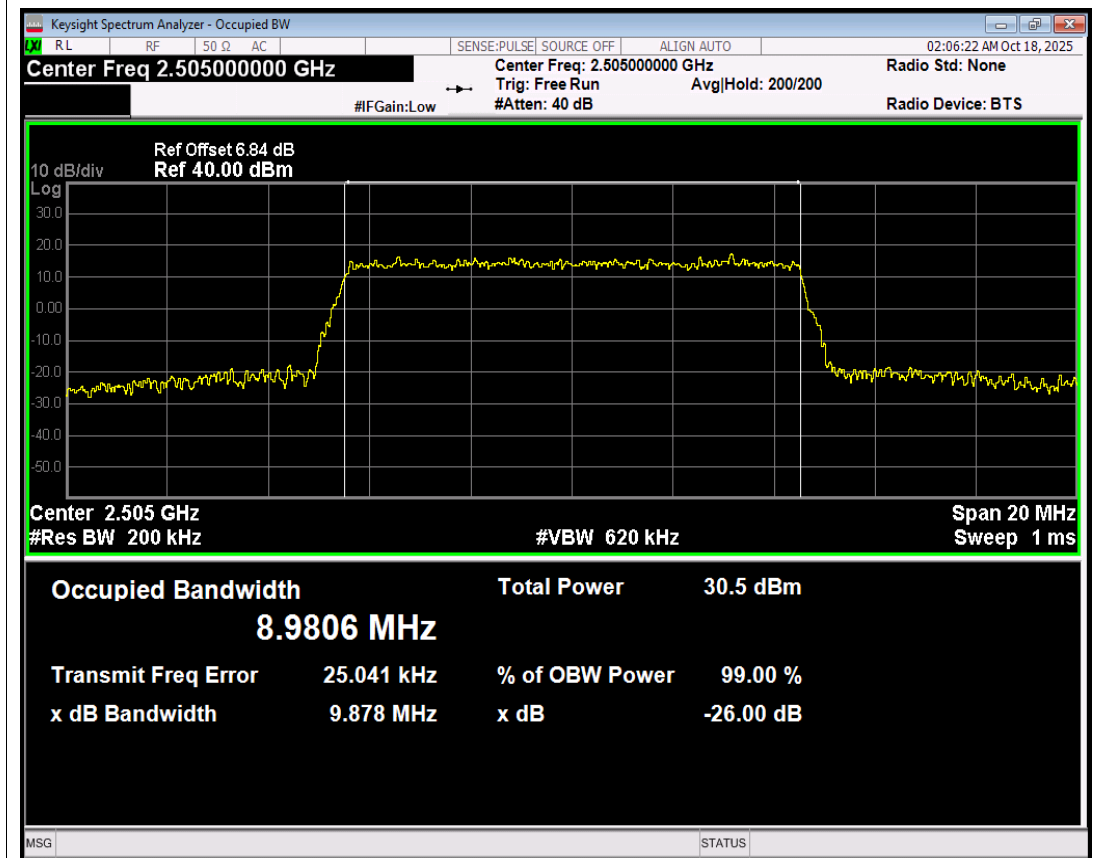
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT



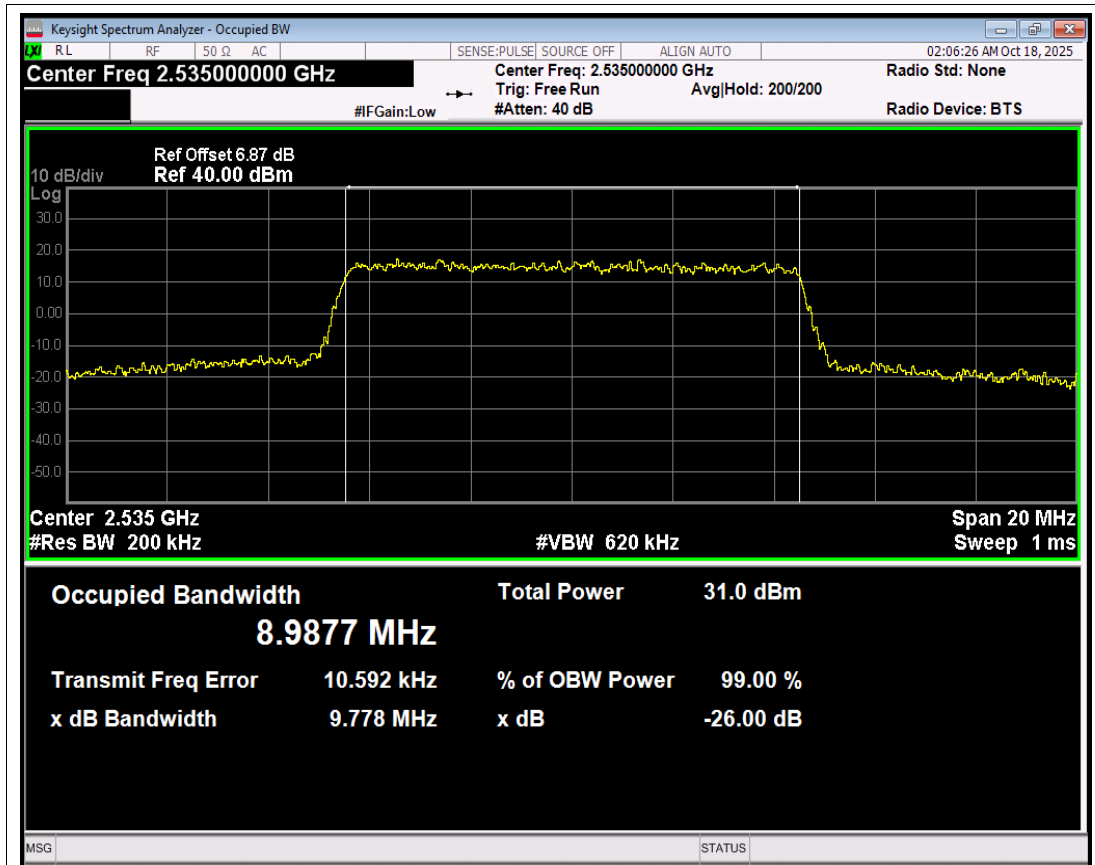
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT



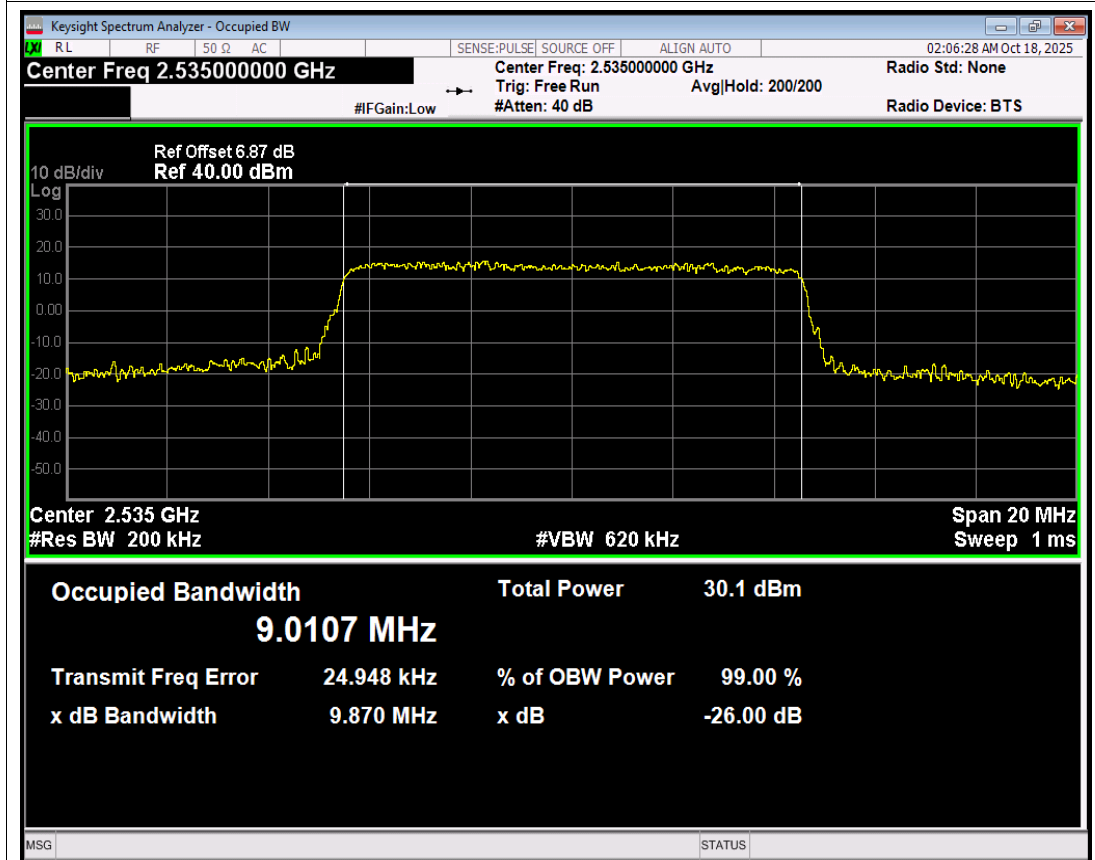
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



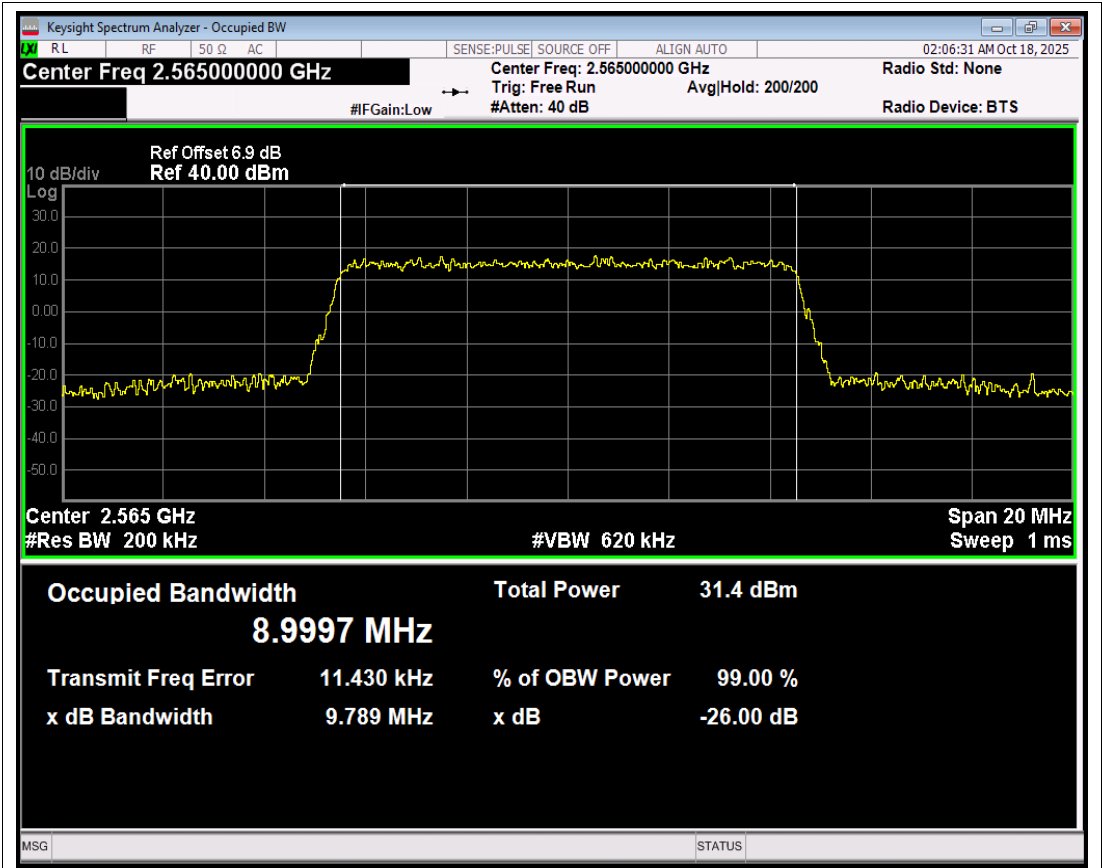
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



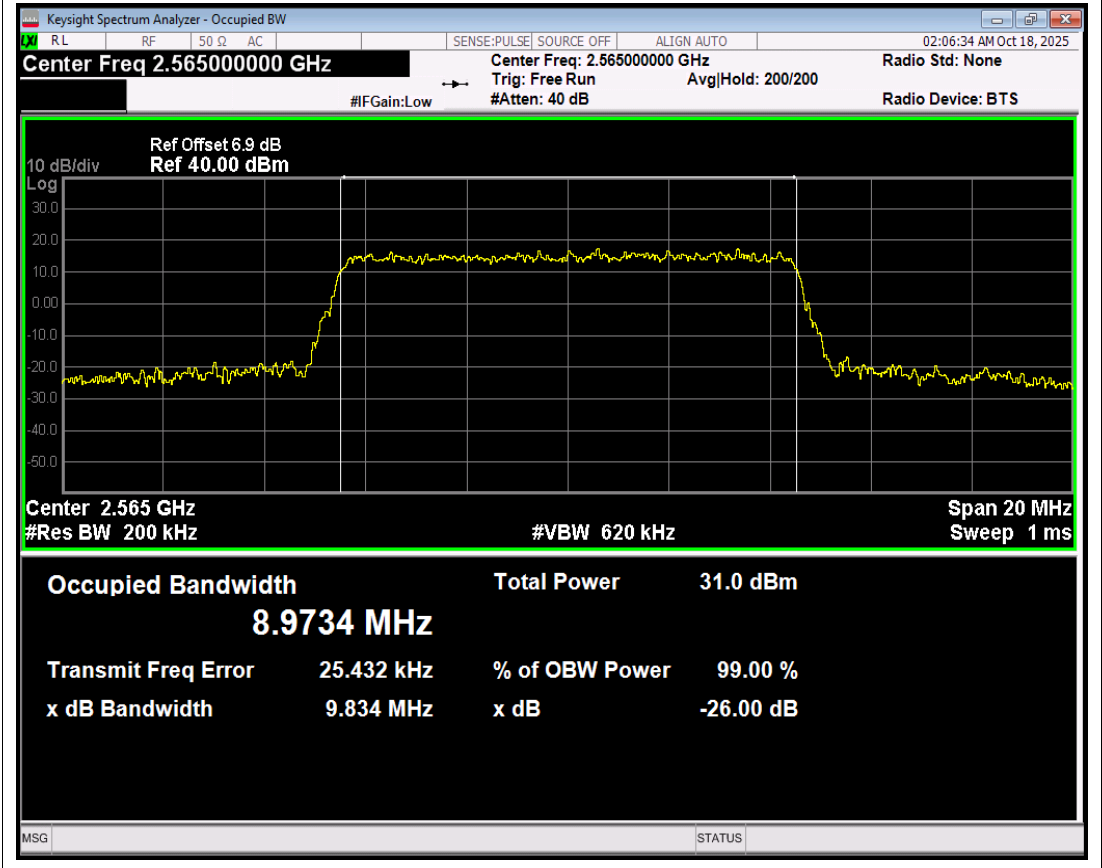
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT



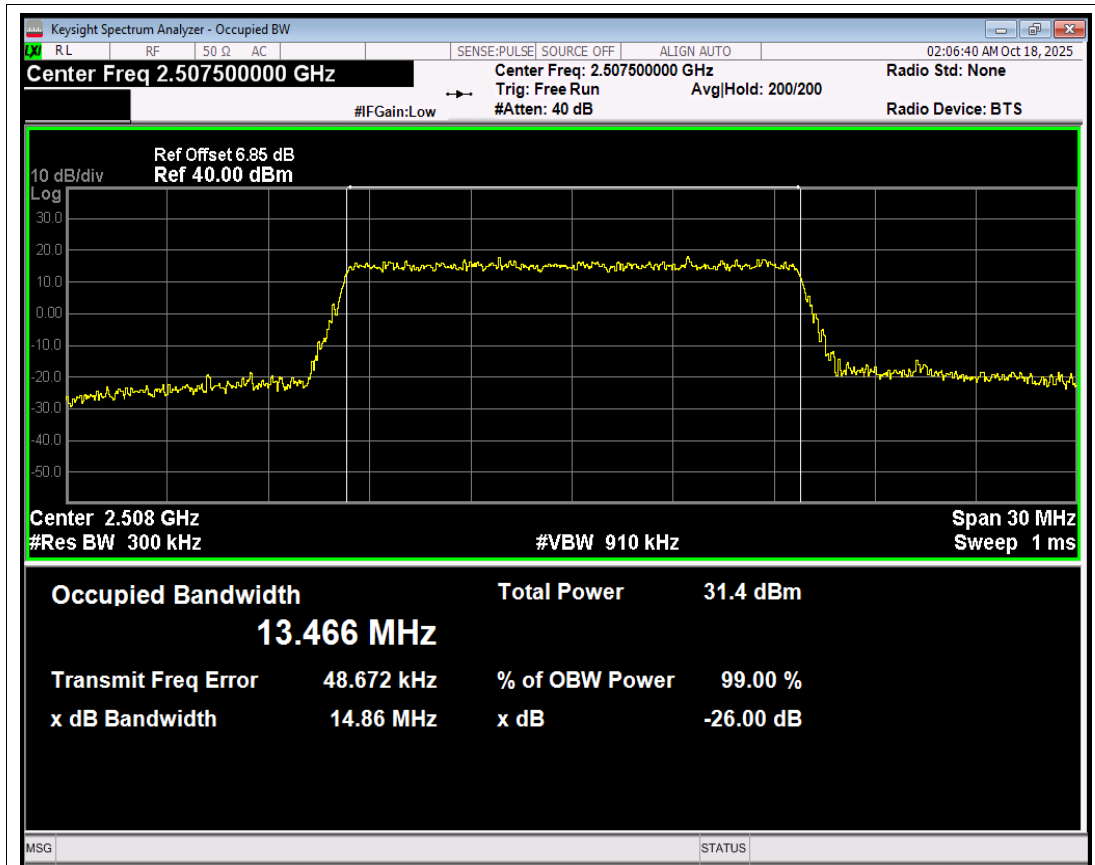
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT



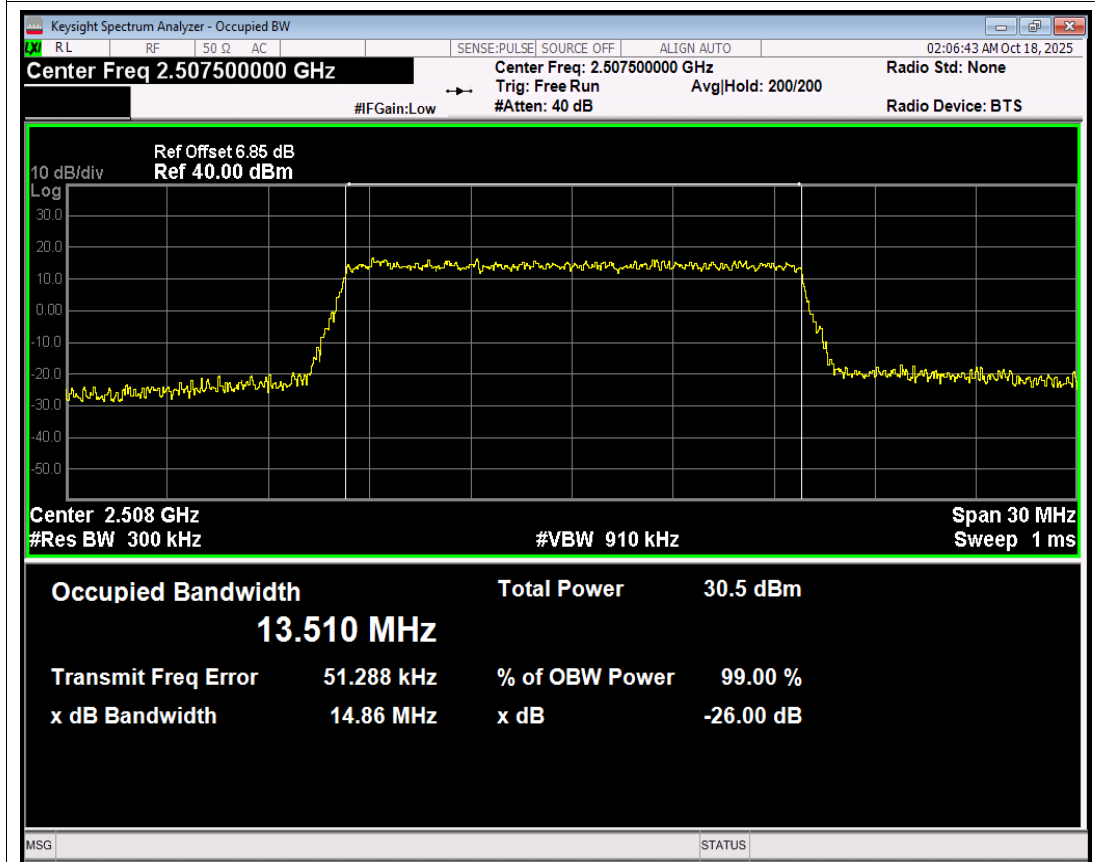
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



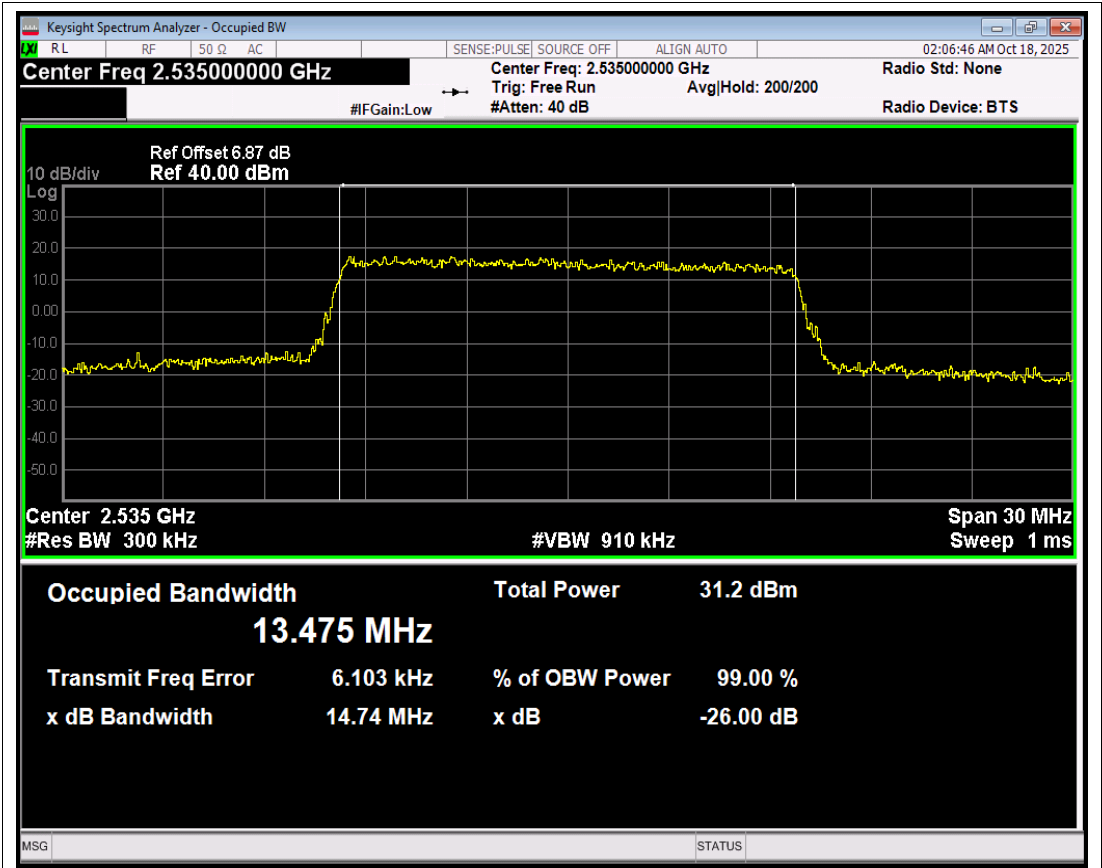
Band 7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



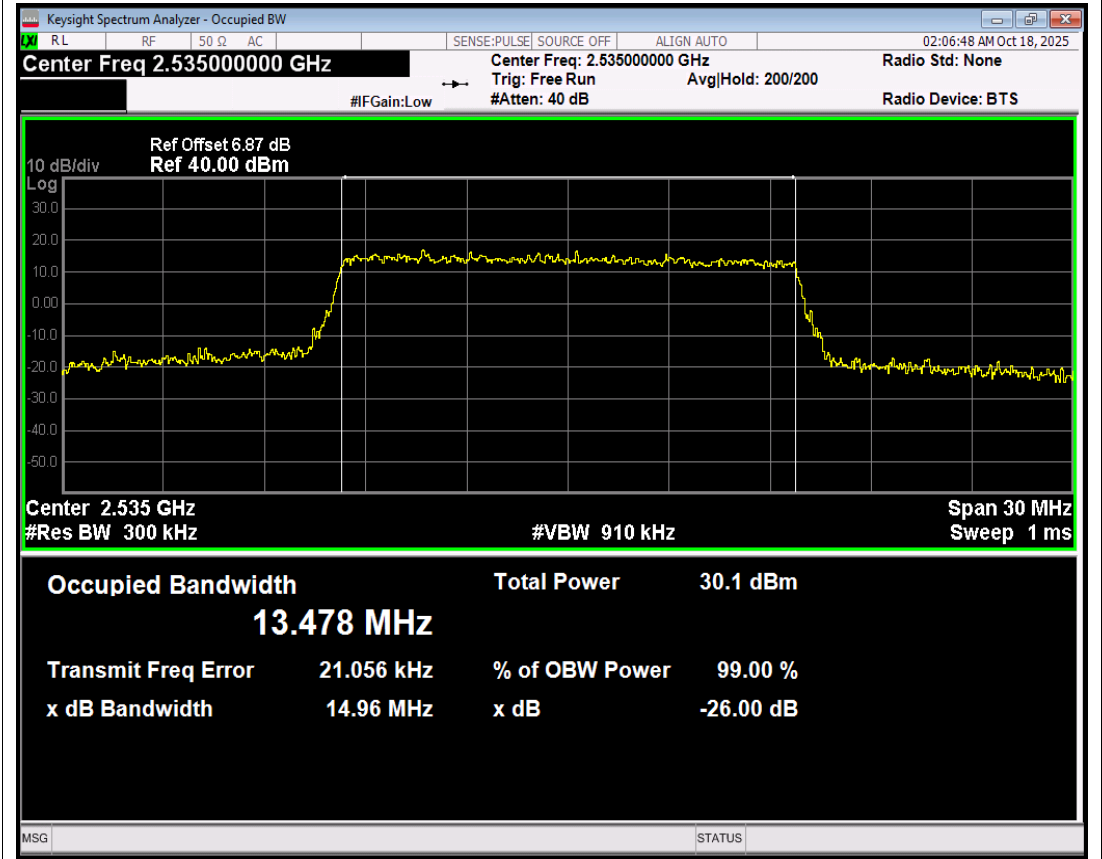
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT



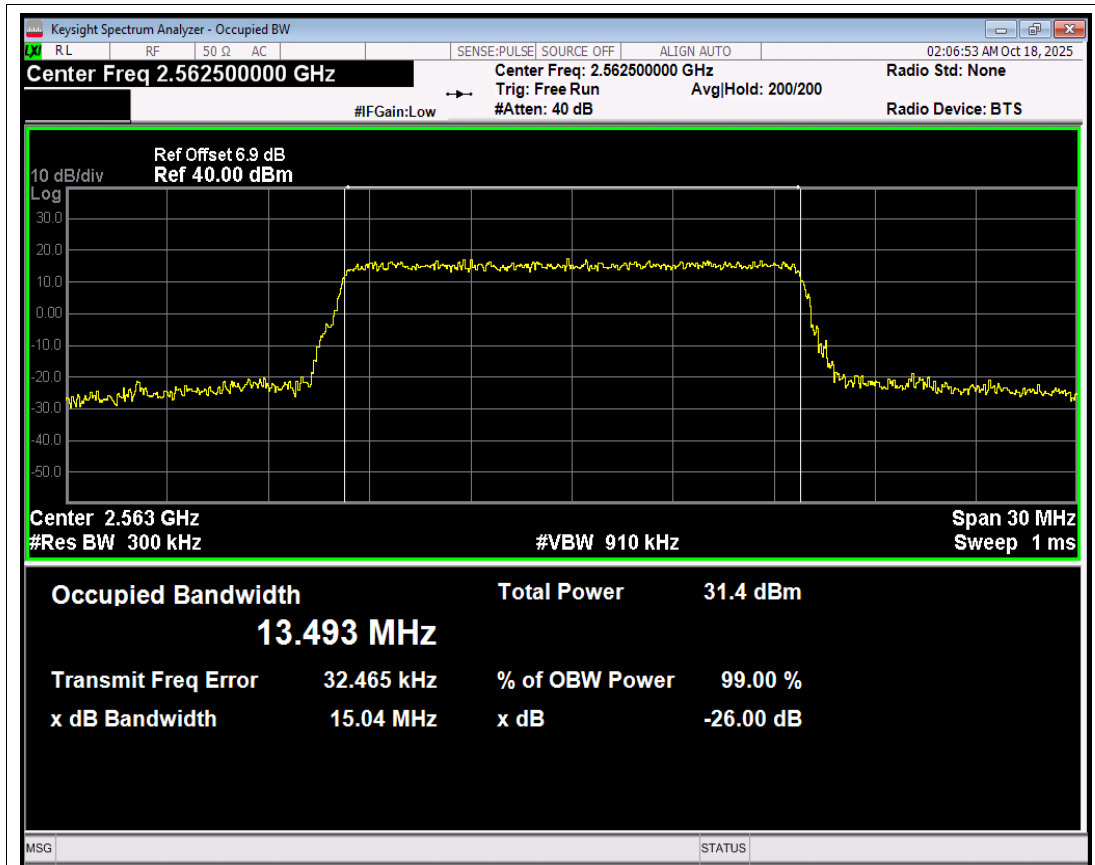
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT



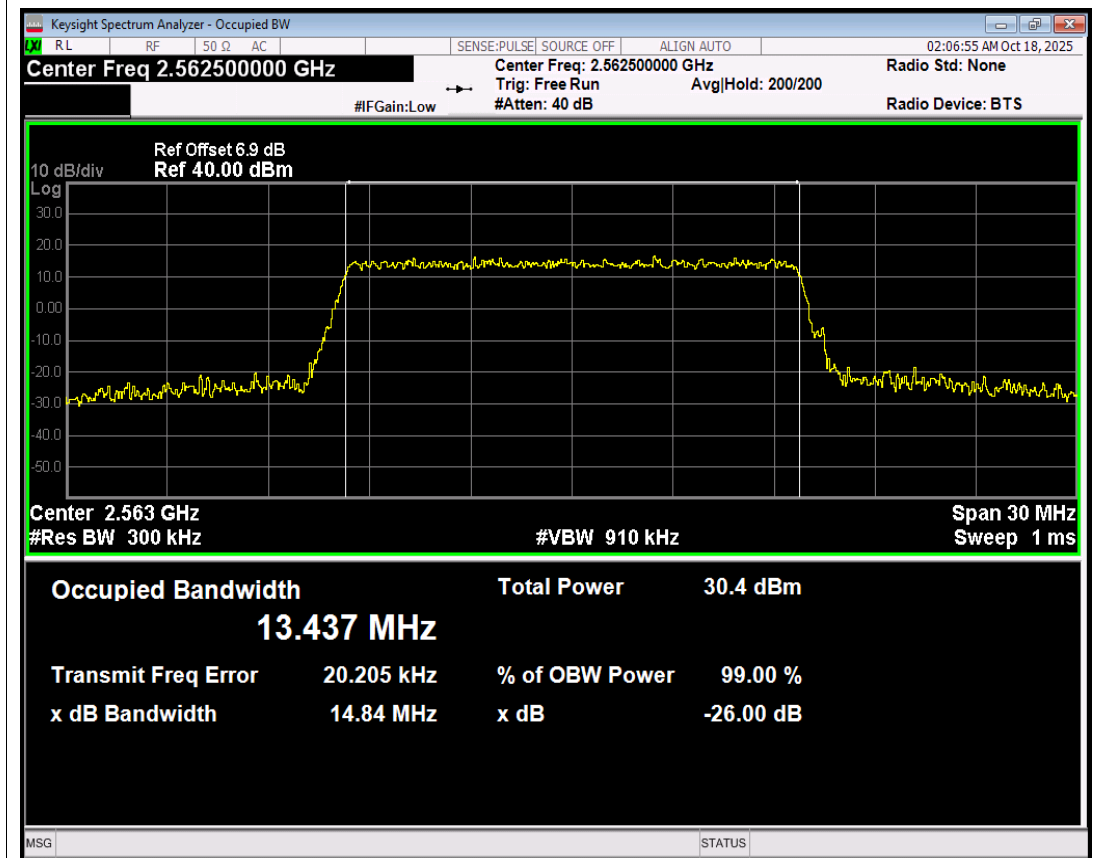
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT



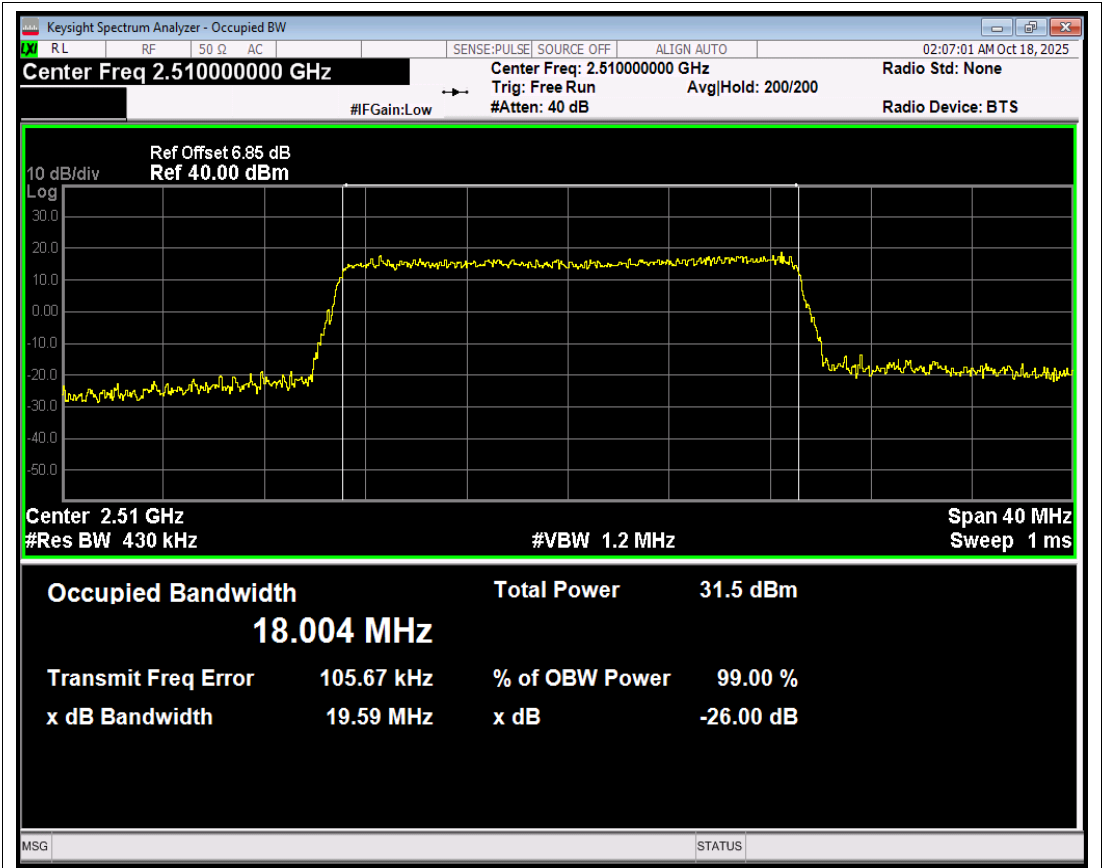
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT



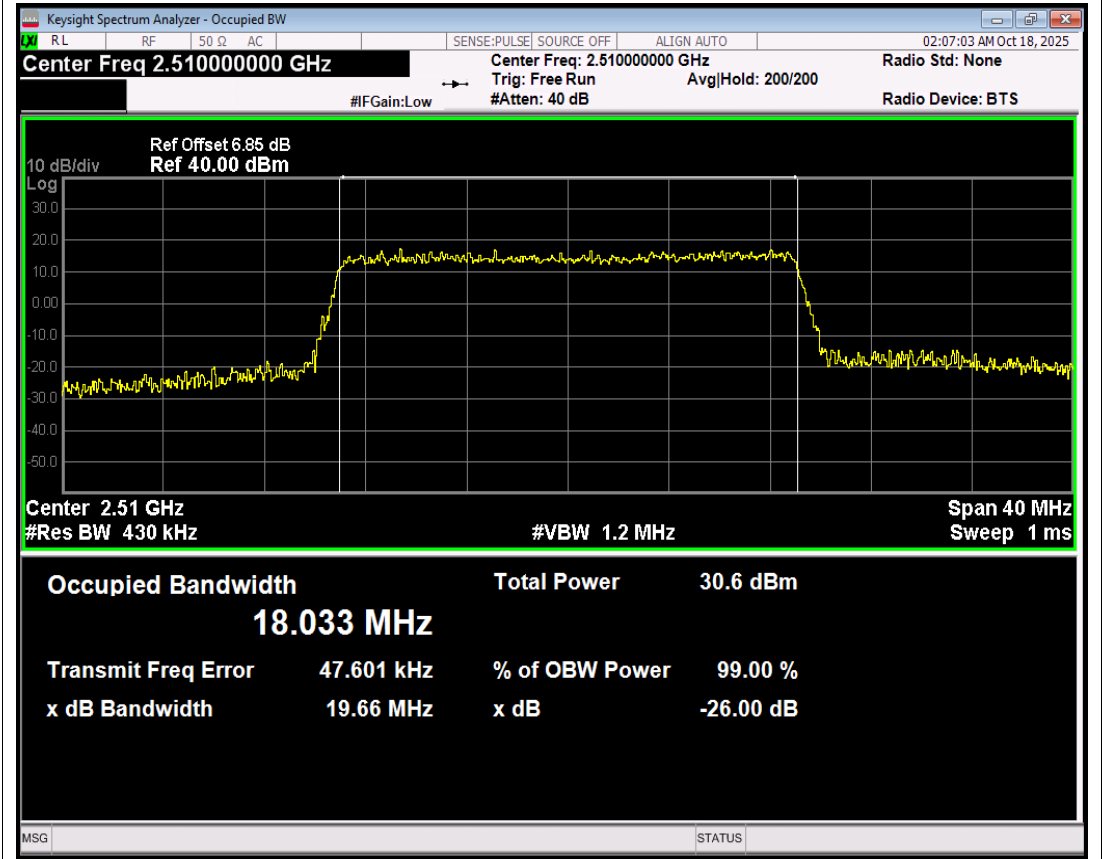
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



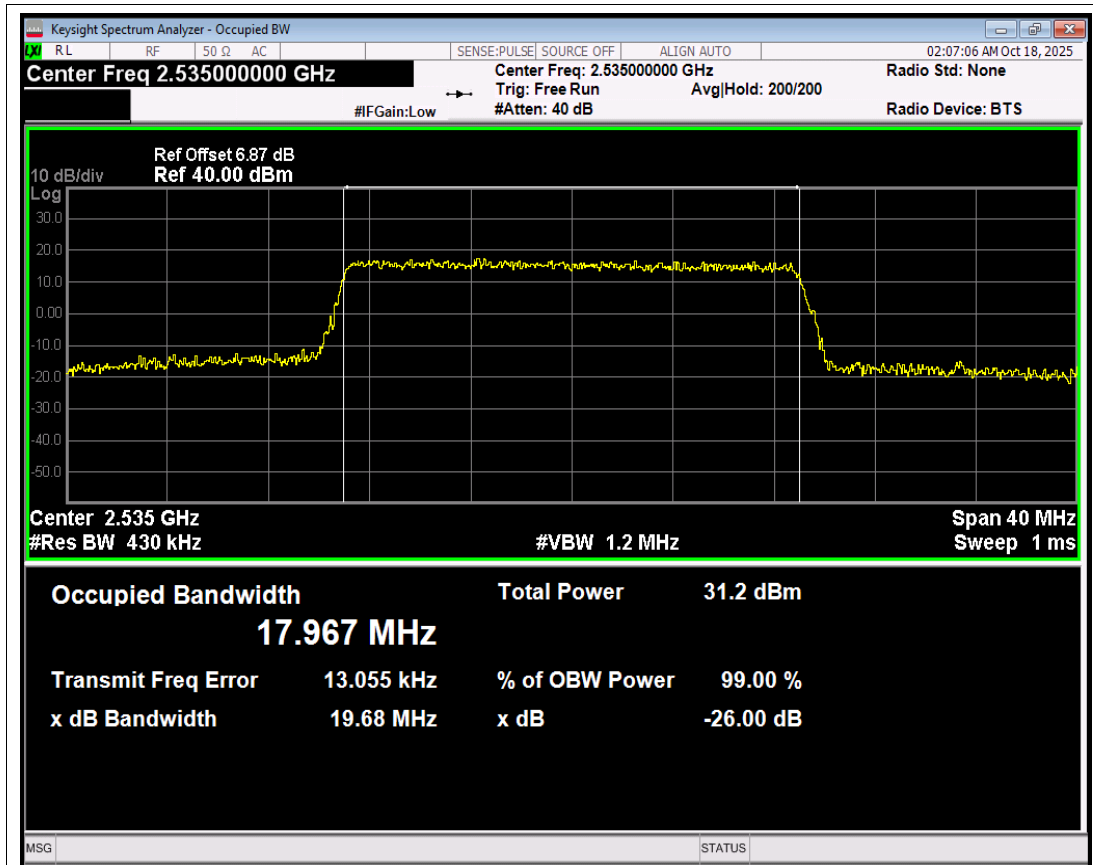
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



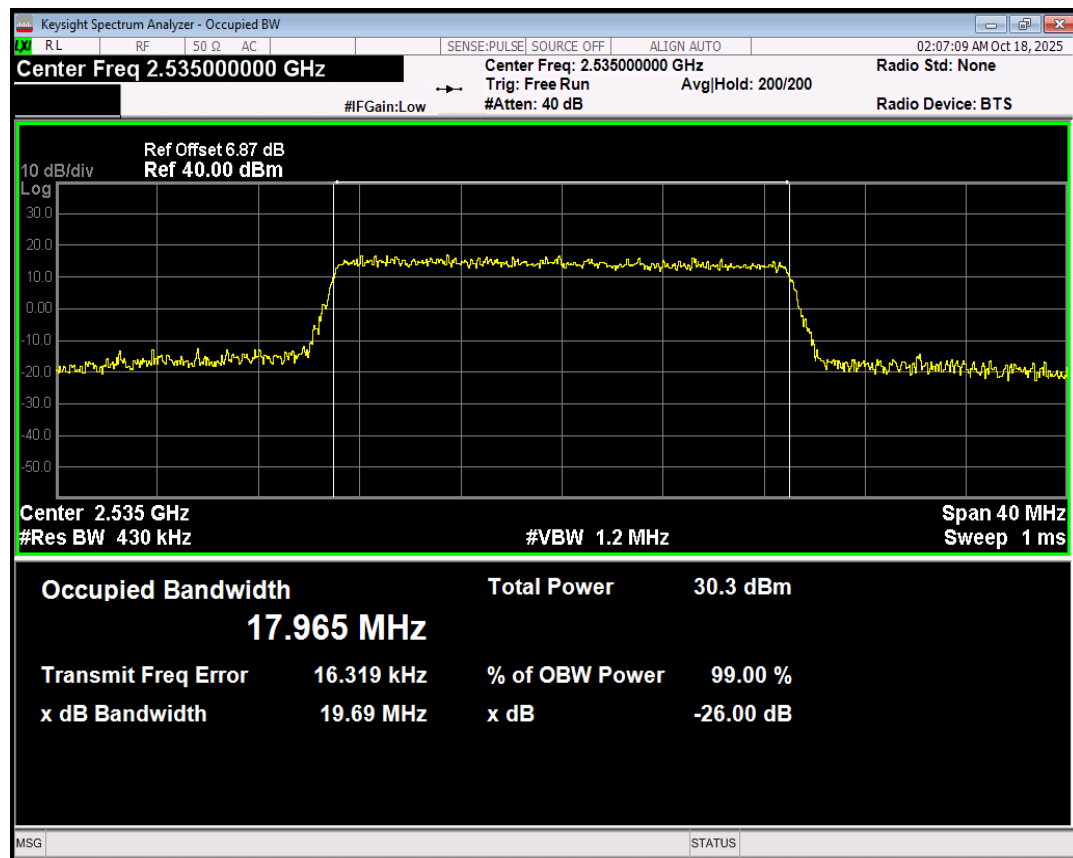
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT



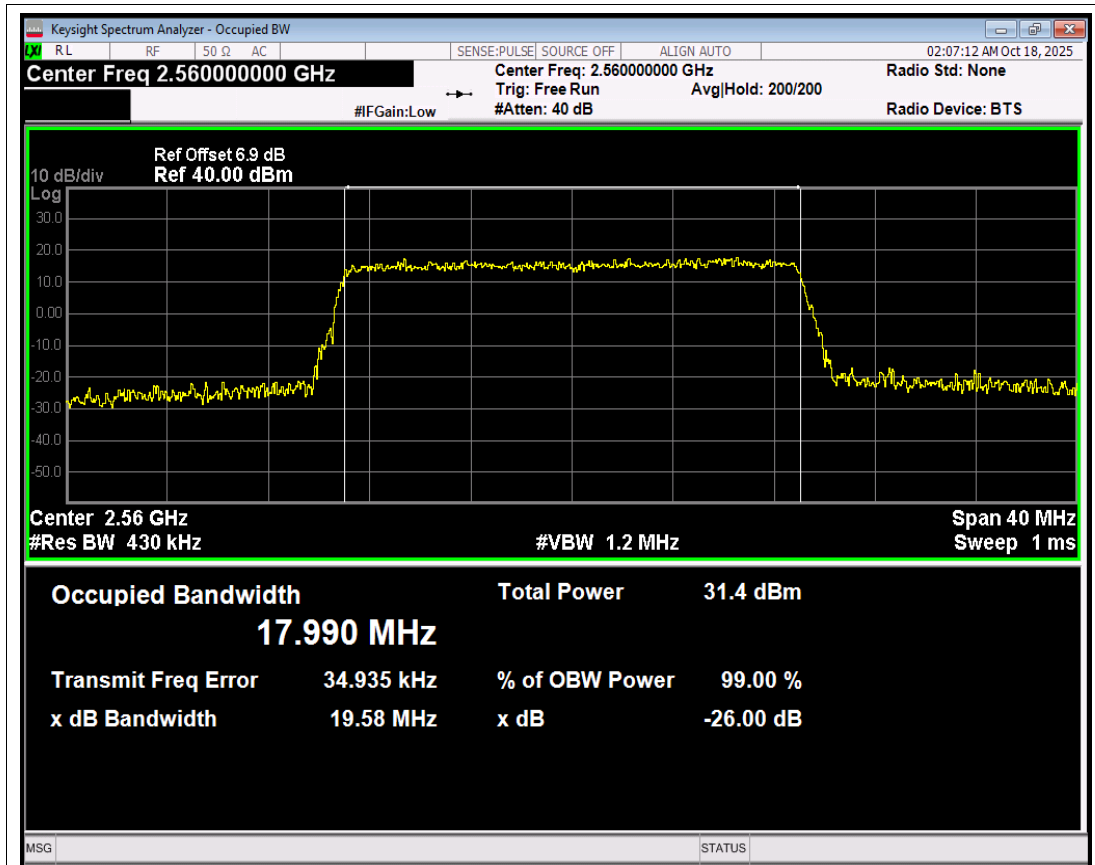
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT



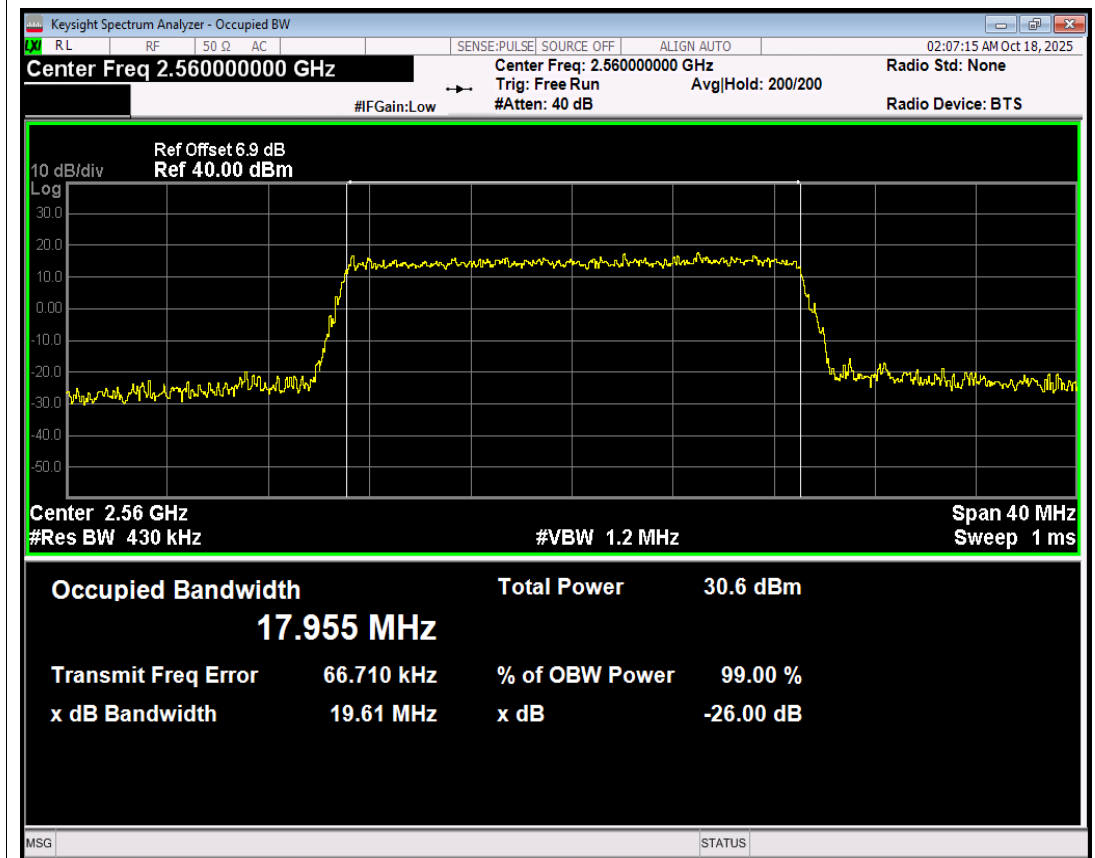
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0 NVNT



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



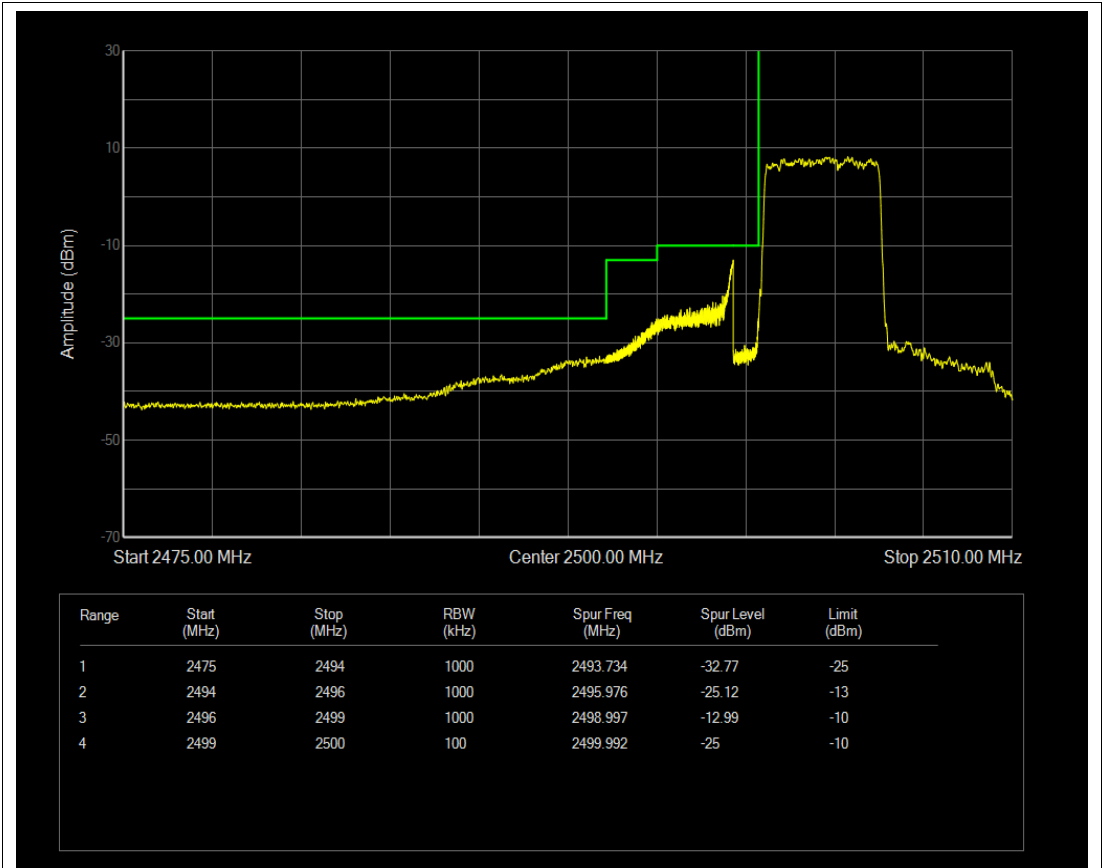
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT



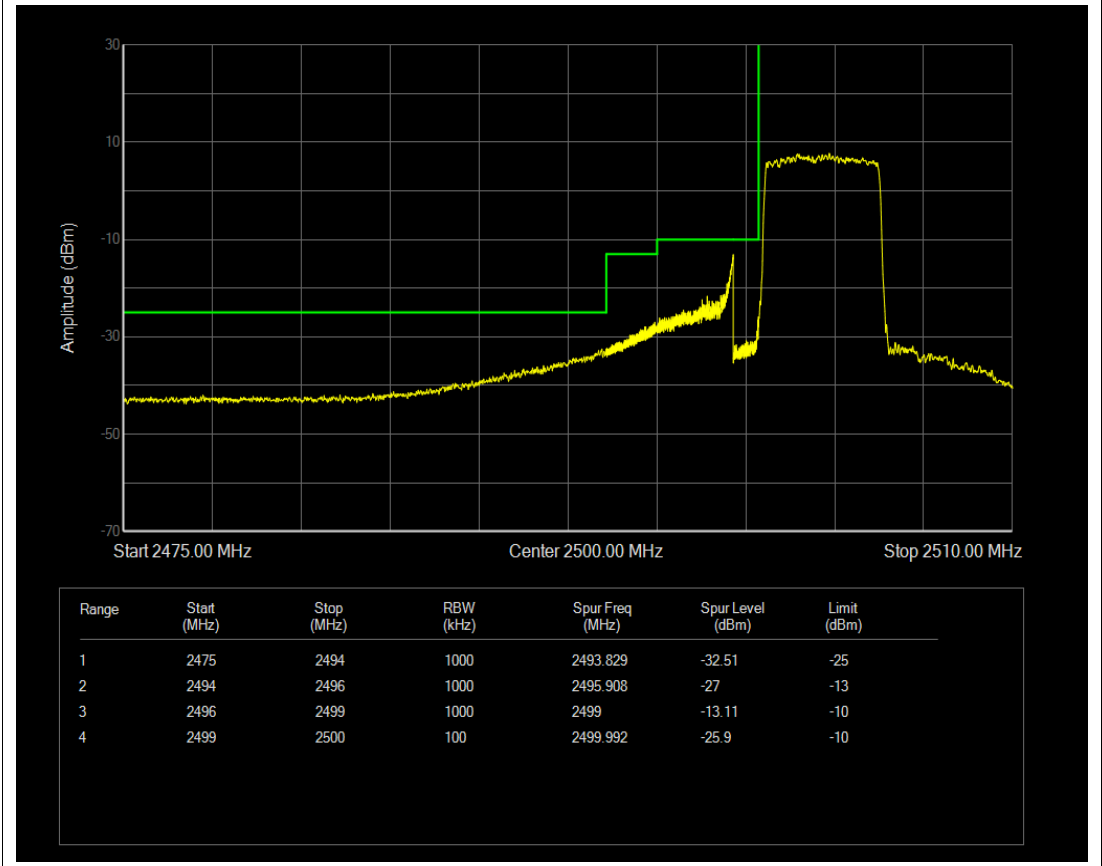
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT

Appendix 5. Band edge

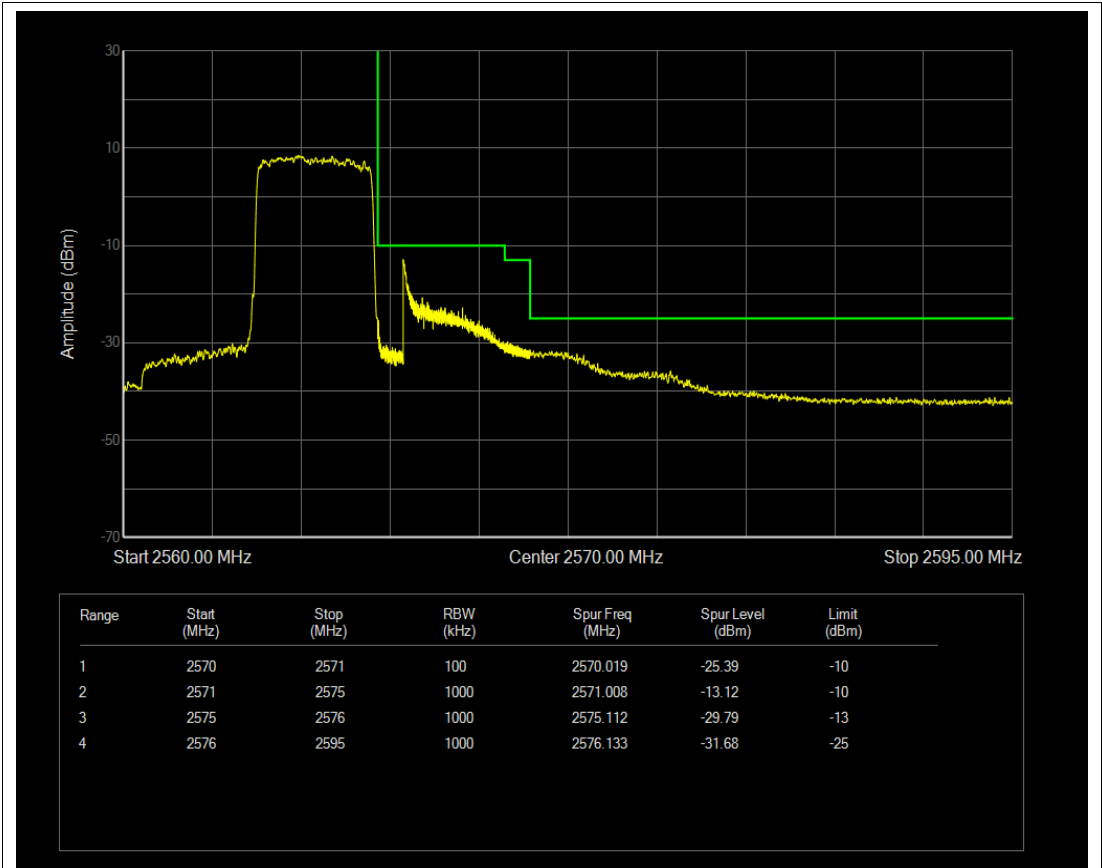
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band7	5	20775	25	#0	QPSK	2499.00	-12.99	-10	PASS
NVNT	Band7	5	20775	25	#0	16QAM	2499.00	-13.11	-10	PASS
NVNT	Band7	5	21425	25	#0	QPSK	2571.01	-13.12	-10	PASS
NVNT	Band7	5	21425	25	#0	16QAM	2571.00	-14.18	-10	PASS
NVNT	Band7	10	20800	50	#0	QPSK	2489.87	-34.73	-25	PASS
NVNT	Band7	10	20800	50	#0	16QAM	2490.00	-33.86	-25	PASS
NVNT	Band7	10	21400	50	#0	QPSK	2580.20	-32.83	-25	PASS
NVNT	Band7	10	21400	50	#0	16QAM	2580.57	-31.85	-25	PASS
NVNT	Band7	15	20825	75	#0	QPSK	2495.98	-26.02	-13	PASS
NVNT	Band7	15	20825	75	#0	16QAM	2484.90	-38.99	-25	PASS
NVNT	Band7	15	21375	75	#0	QPSK	2585.47	-33.59	-25	PASS
NVNT	Band7	15	21375	75	#0	16QAM	2585.20	-33.57	-25	PASS
NVNT	Band7	20	20850	100	#0	QPSK	2479.54	-42.02	-25	PASS
NVNT	Band7	20	20850	100	#0	16QAM	2476.73	-41.99	-25	PASS
NVNT	Band7	20	21350	100	#0	QPSK	2590.08	-36.27	-25	PASS
NVNT	Band7	20	21350	100	#0	16QAM	2590.13	-35.14	-25	PASS



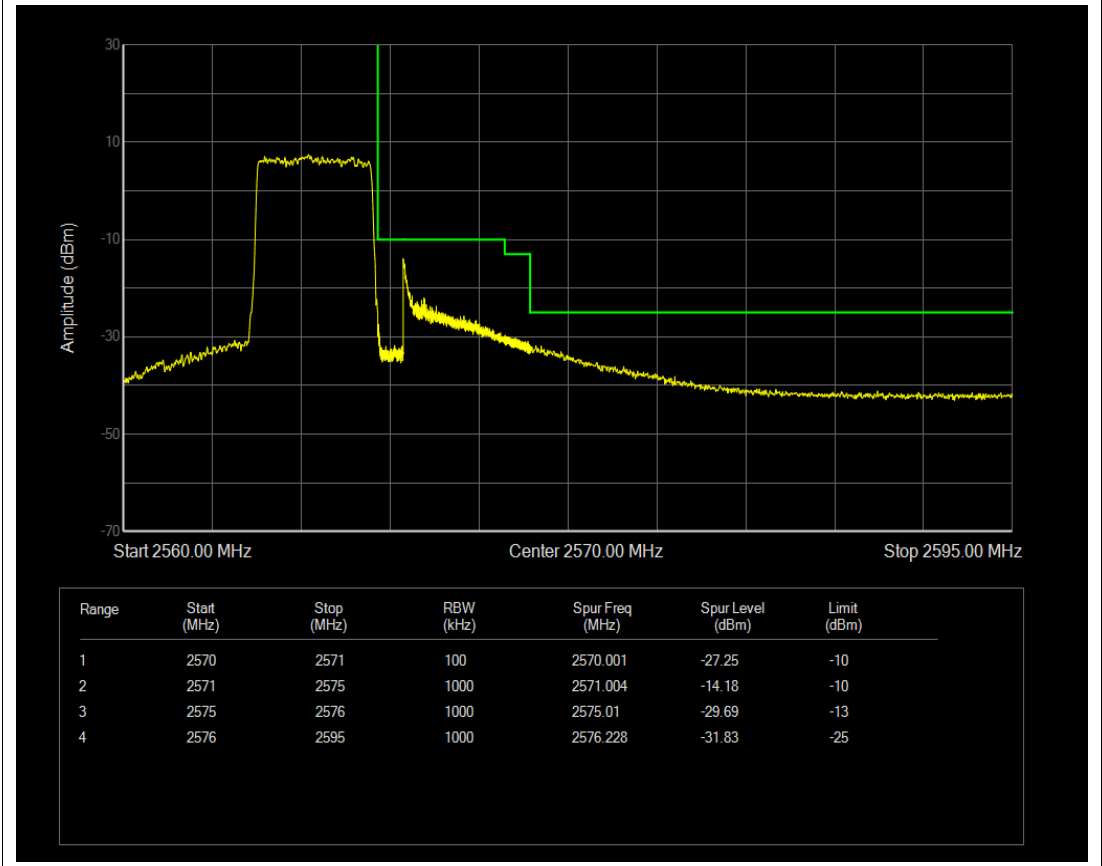
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



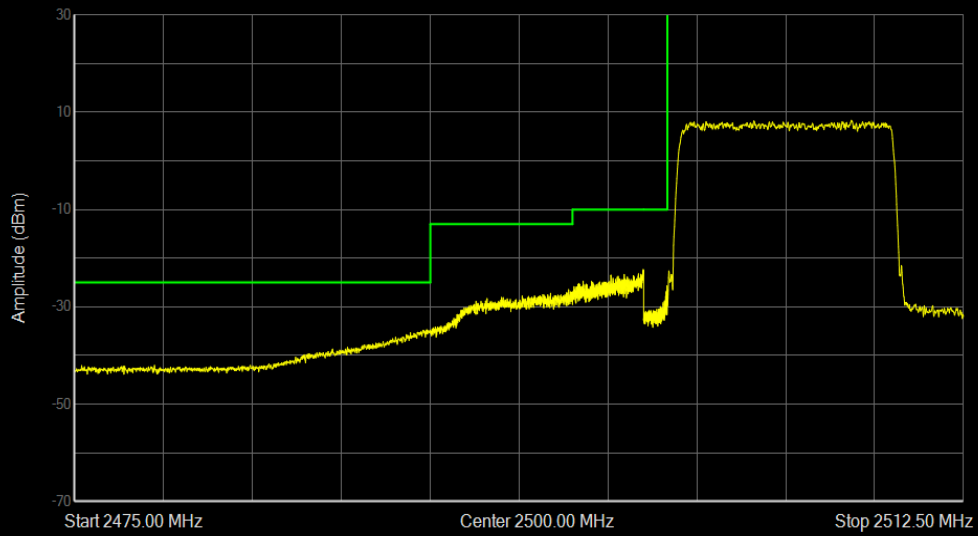
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



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



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



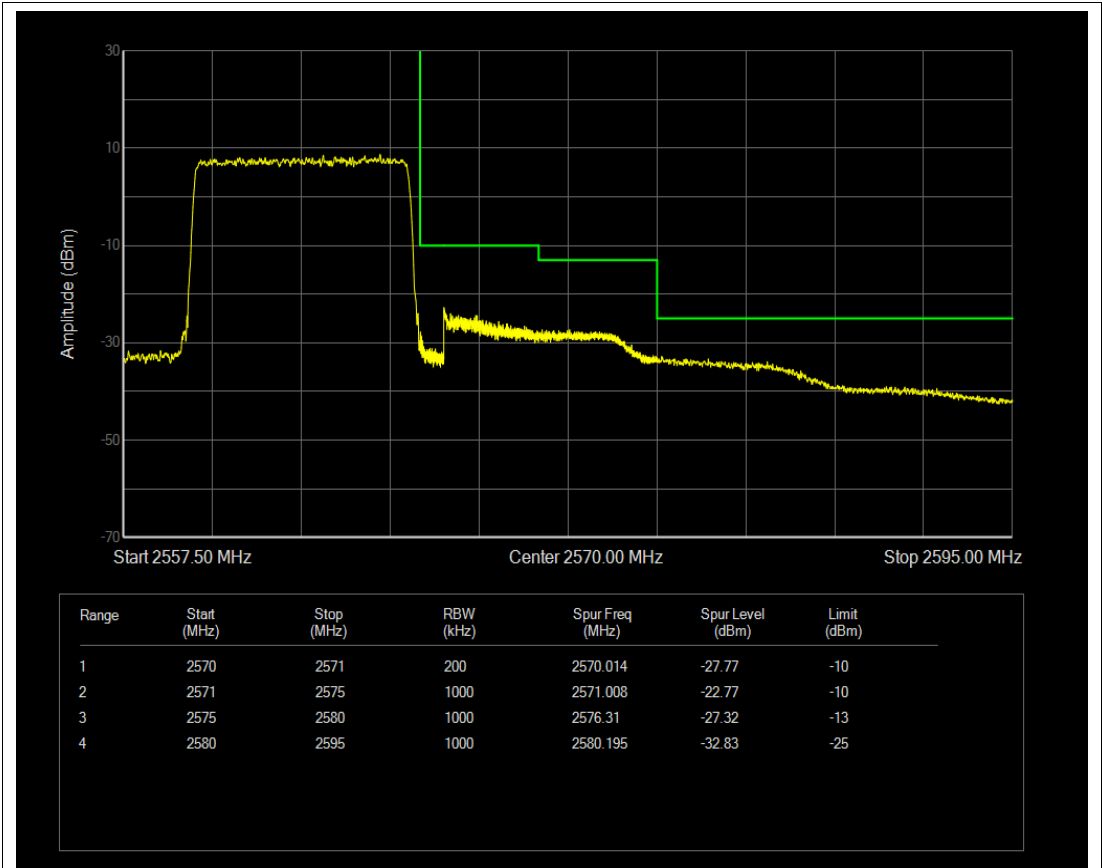
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2489.865	-34.73	-25
2	2490	2496	1000	2495.832	-26.46	-13
3	2496	2499	1000	2498.982	-22.34	-10
4	2499	2500	200	2499.991	-25.64	-10

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

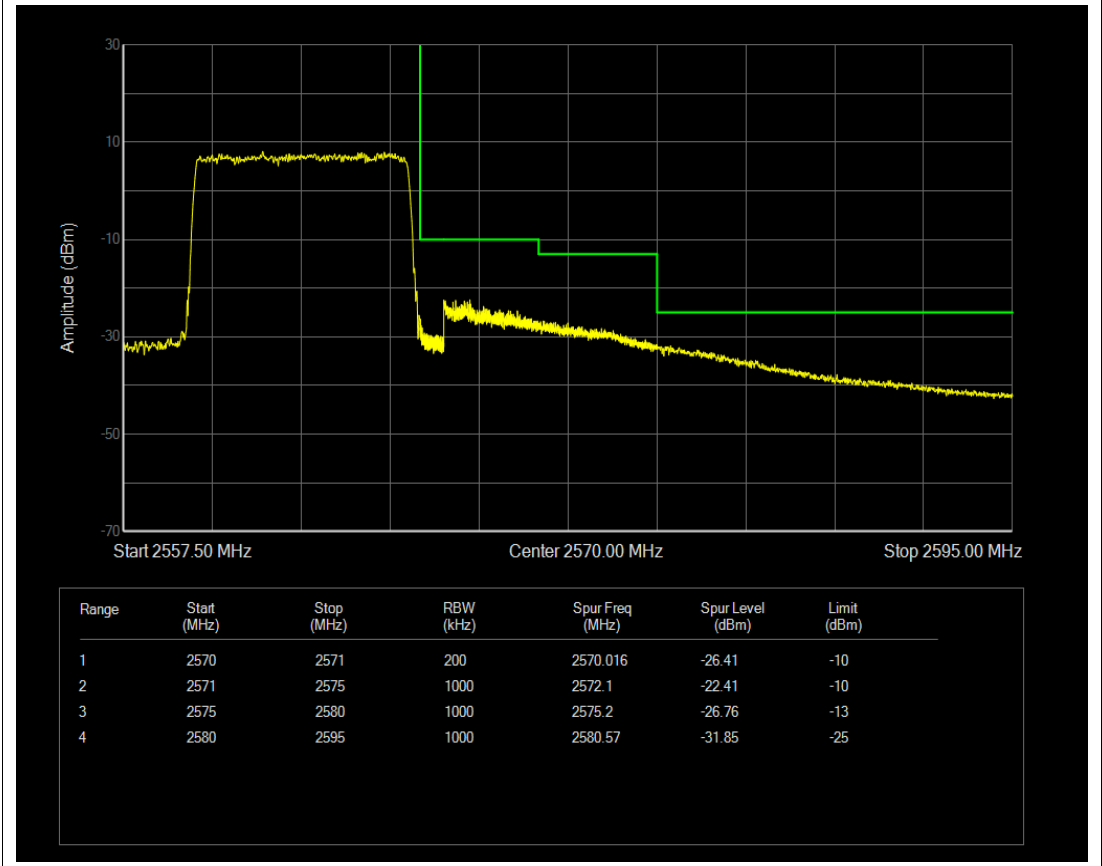


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2490	-33.86	-25
2	2490	2496	1000	2495.592	-26.59	-13
3	2496	2499	1000	2498.988	-22.62	-10
4	2499	2500	200	2499.975	-28.2	-10

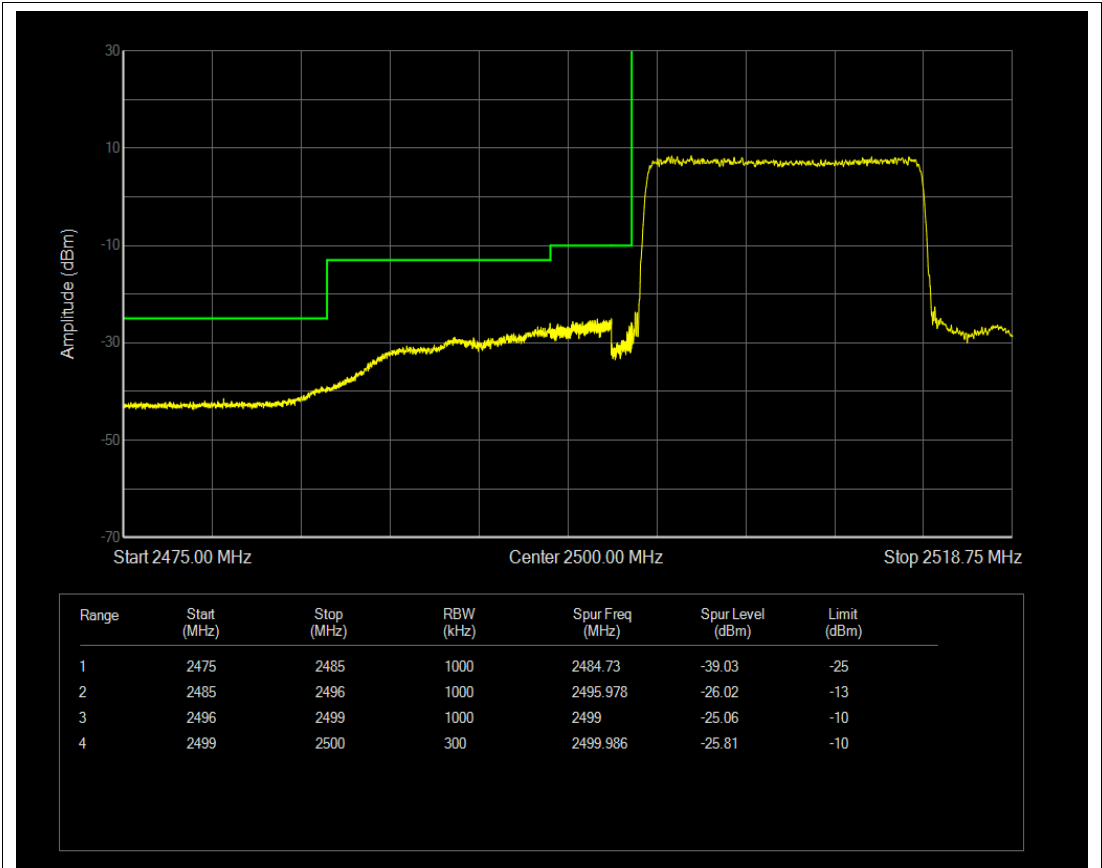
Band 7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



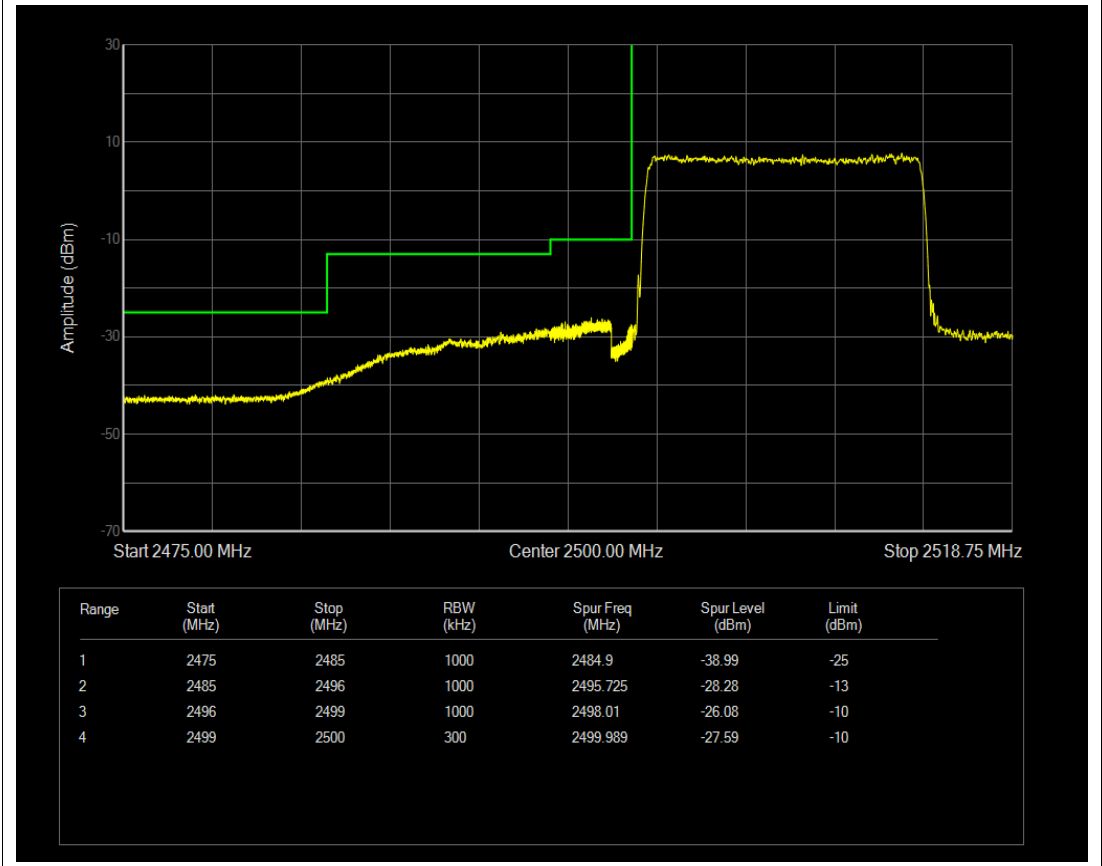
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



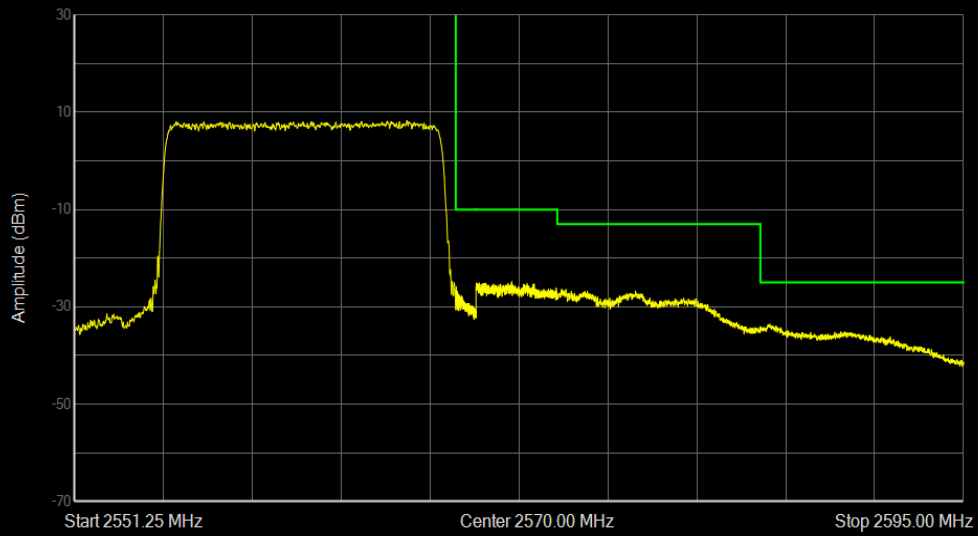
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



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



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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.025	-25.87	-10
2	2571	2575	1000	2572.764	-24.81	-10
3	2575	2585	1000	2575.23	-26.42	-13
4	2585	2595	1000	2585.47	-33.59	-25

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.049	-27.2	-10
2	2571	2575	1000	2571.008	-26.7	-10
3	2575	2585	1000	2575.25	-28.63	-13
4	2585	2595	1000	2585.2	-33.57	-25

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



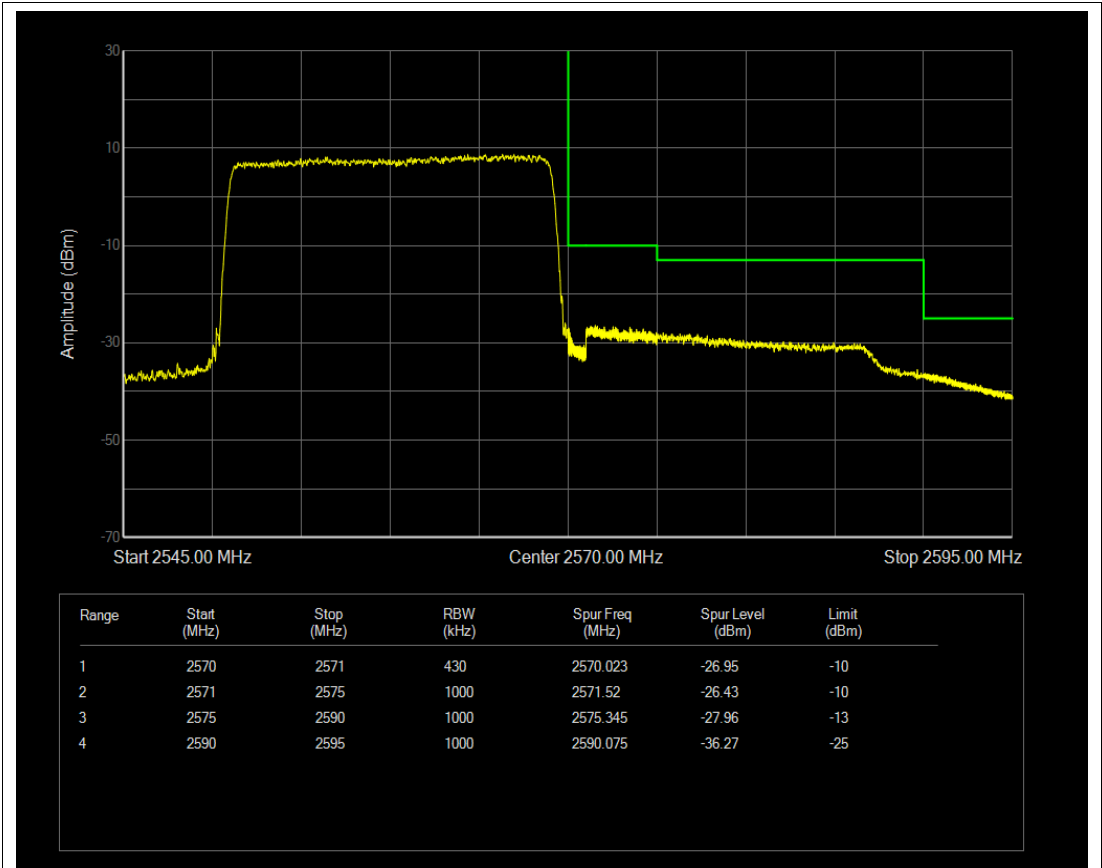
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2479.535	-42.02	-25
2	2480	2496	1000	2495.808	-30.17	-13
3	2496	2499	1000	2498.163	-27.94	-10
4	2499	2500	430	2499.996	-27.73	-10

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

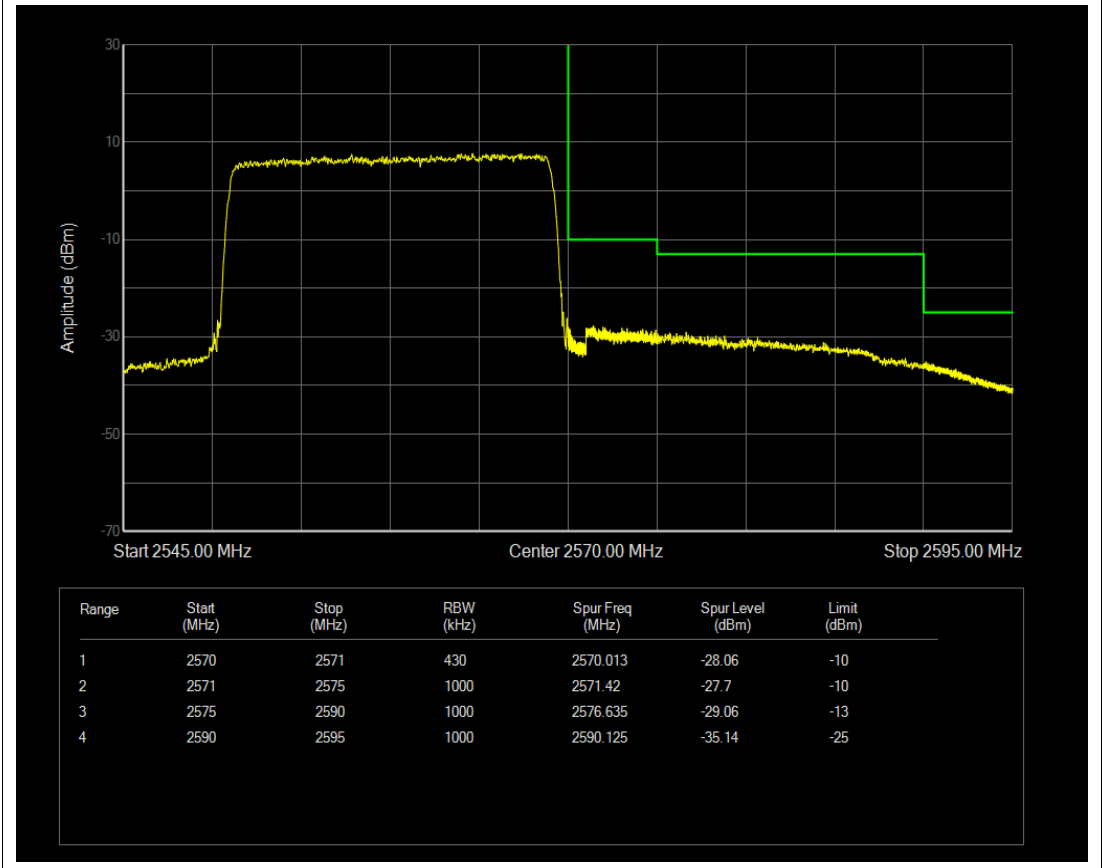


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2476.73	-41.99	-25
2	2480	2496	1000	2495.296	-30.2	-13
3	2496	2499	1000	2498.73	-28.7	-10
4	2499	2500	430	2499.908	-27.84	-10

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



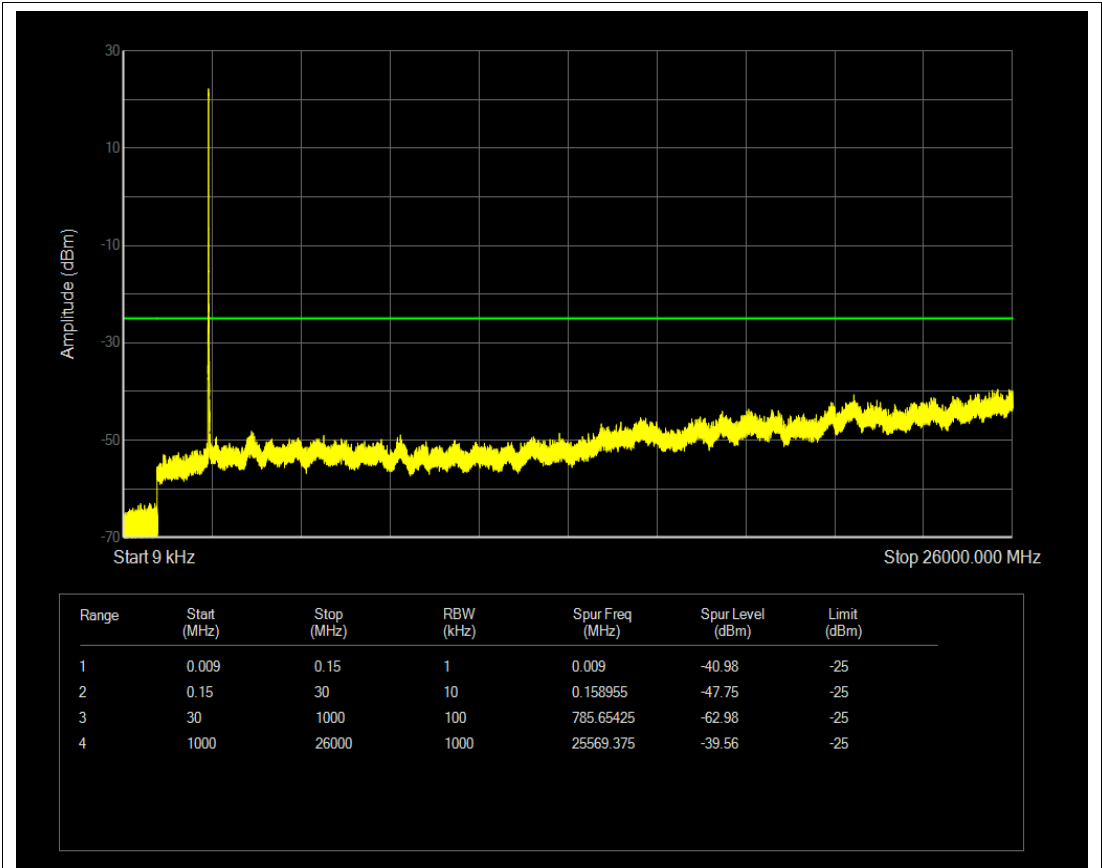
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT



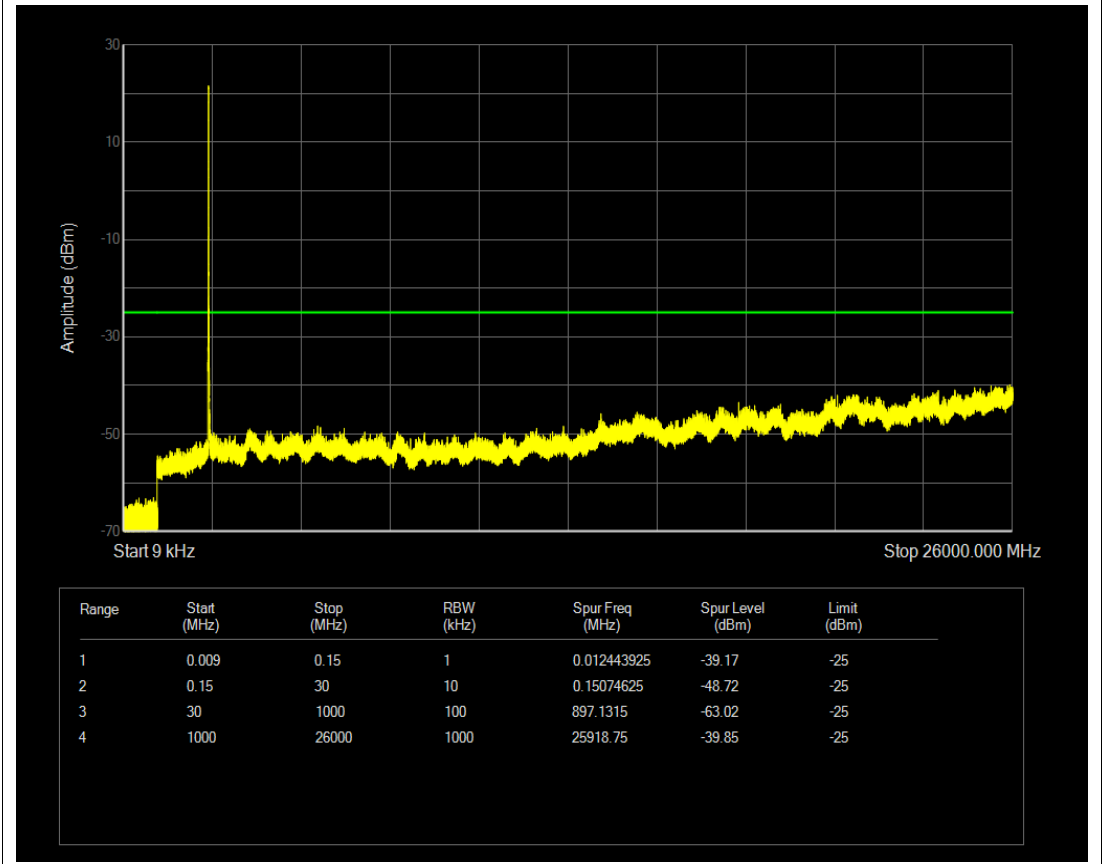
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT

Appendix 6.Out-of-band emissions

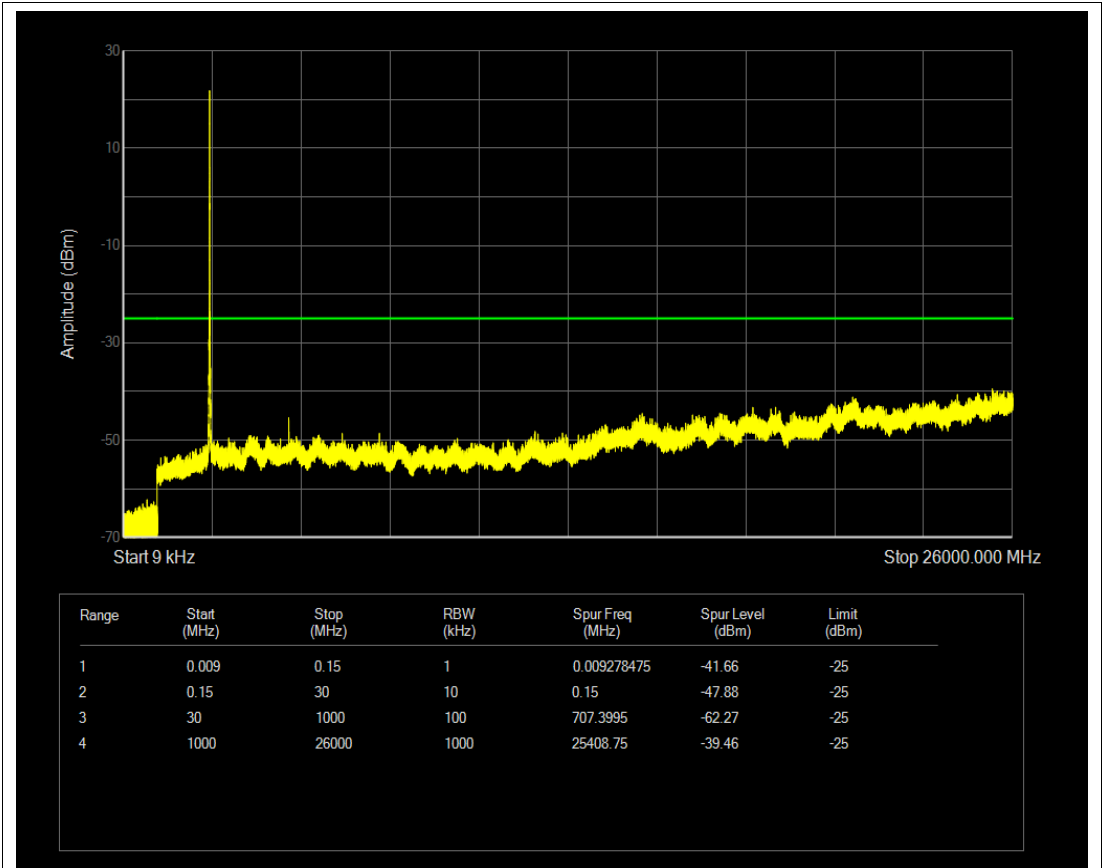
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band7	5	20775	25	#0	QPSK	25569.38	-39.56	-25	PASS
NVNT	Band7	5	20775	25	#0	16QAM	0.01	-39.17	-25	PASS
NVNT	Band7	5	21100	25	#0	QPSK	25408.75	-39.46	-25	PASS
NVNT	Band7	5	21100	25	#0	16QAM	25581.25	-39.80	-25	PASS
NVNT	Band7	5	21425	25	#0	QPSK	25956.25	-38.24	-25	PASS
NVNT	Band7	5	21425	25	#0	16QAM	25521.25	-39.88	-25	PASS
NVNT	Band7	10	20800	50	#0	QPSK	25973.75	-39.35	-25	PASS
NVNT	Band7	10	20800	50	#0	16QAM	25935.00	-40.10	-25	PASS
NVNT	Band7	10	21100	50	#0	QPSK	25995.00	-38.56	-25	PASS
NVNT	Band7	10	21100	50	#0	16QAM	25969.38	-39.26	-25	PASS
NVNT	Band7	10	21400	50	#0	QPSK	25615.63	-39.54	-25	PASS
NVNT	Band7	10	21400	50	#0	16QAM	25903.75	-39.84	-25	PASS
NVNT	Band7	15	20825	75	#0	QPSK	25567.50	-39.33	-25	PASS
NVNT	Band7	15	20825	75	#0	16QAM	25518.75	-39.65	-25	PASS
NVNT	Band7	15	21100	75	#0	QPSK	25896.25	-38.93	-25	PASS
NVNT	Band7	15	21100	75	#0	16QAM	25561.25	-39.89	-25	PASS
NVNT	Band7	15	21375	75	#0	QPSK	25945.63	-39.03	-25	PASS
NVNT	Band7	15	21375	75	#0	16QAM	25756.88	-39.20	-25	PASS
NVNT	Band7	20	20850	100	#0	QPSK	25674.38	-39.44	-25	PASS
NVNT	Band7	20	20850	100	#0	16QAM	25001.88	-39.54	-25	PASS
NVNT	Band7	20	21100	100	#0	QPSK	25475.63	-39.37	-25	PASS
NVNT	Band7	20	21100	100	#0	16QAM	25975.63	-39.35	-25	PASS
NVNT	Band7	20	21350	100	#0	QPSK	25637.50	-39.35	-25	PASS
NVNT	Band7	20	21350	100	#0	16QAM	25996.25	-39.44	-25	PASS



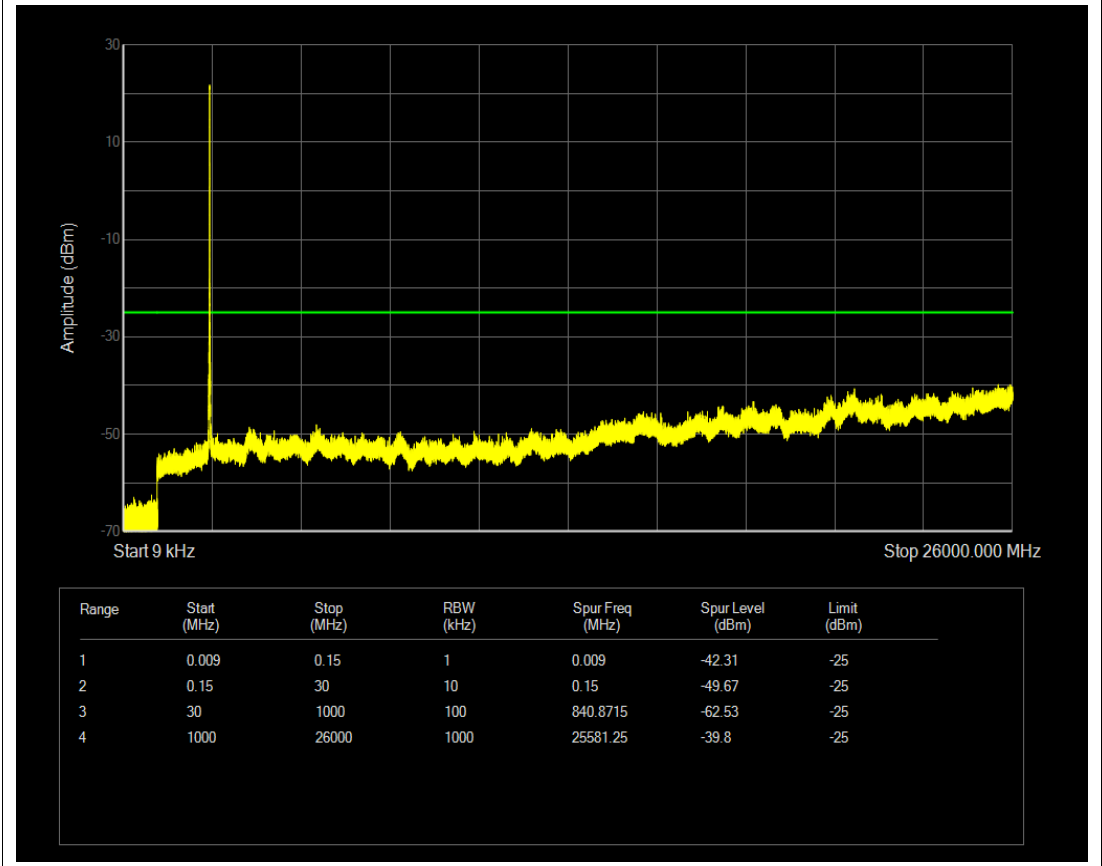
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



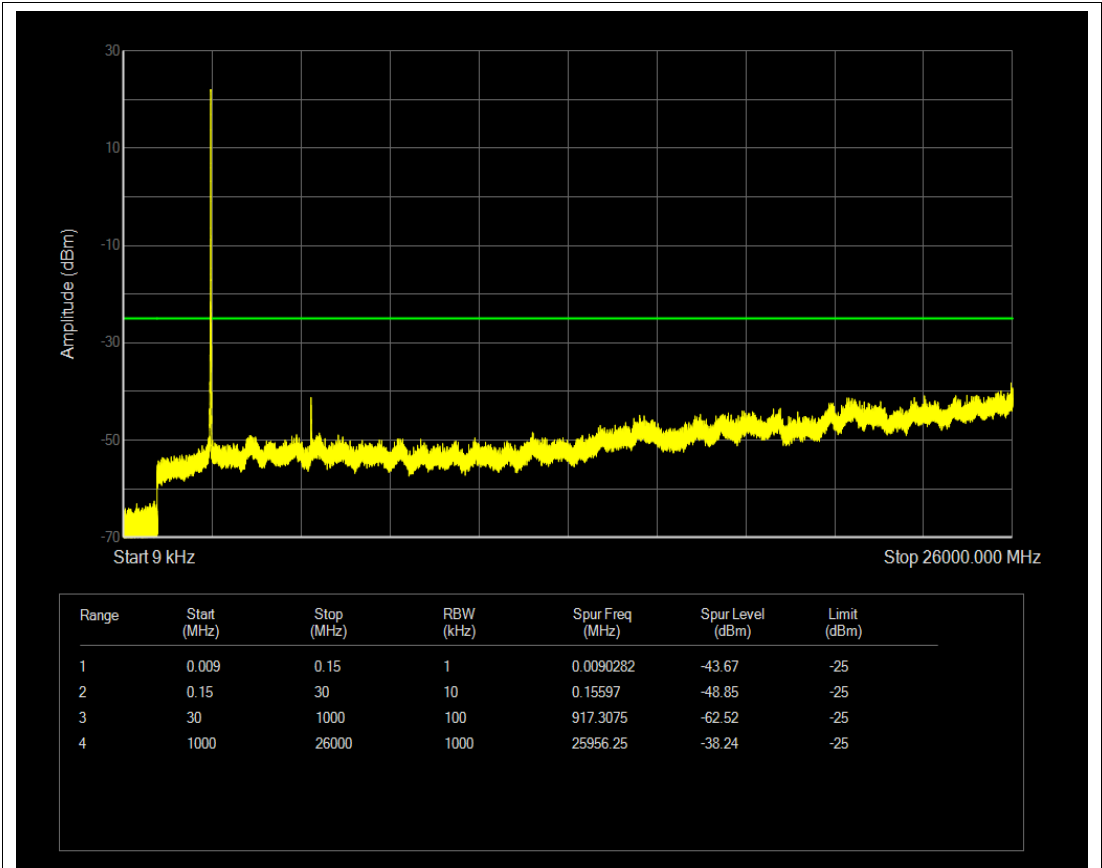
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



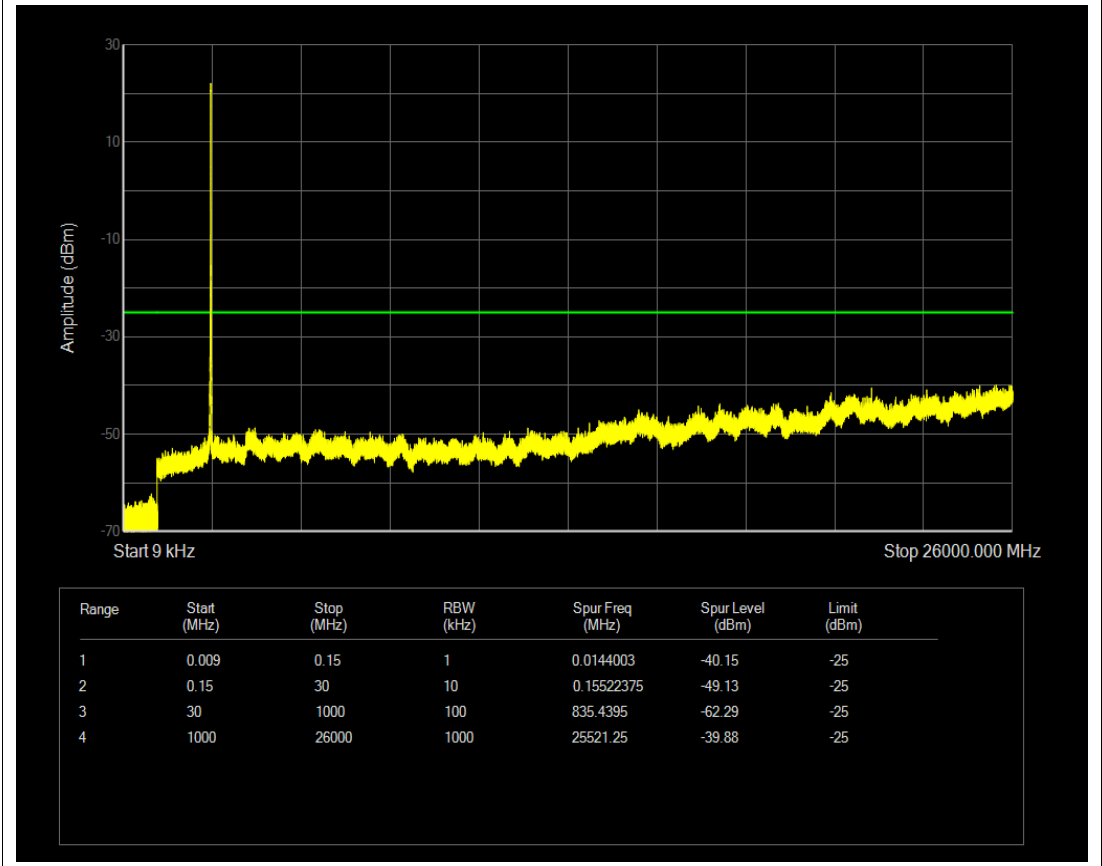
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT



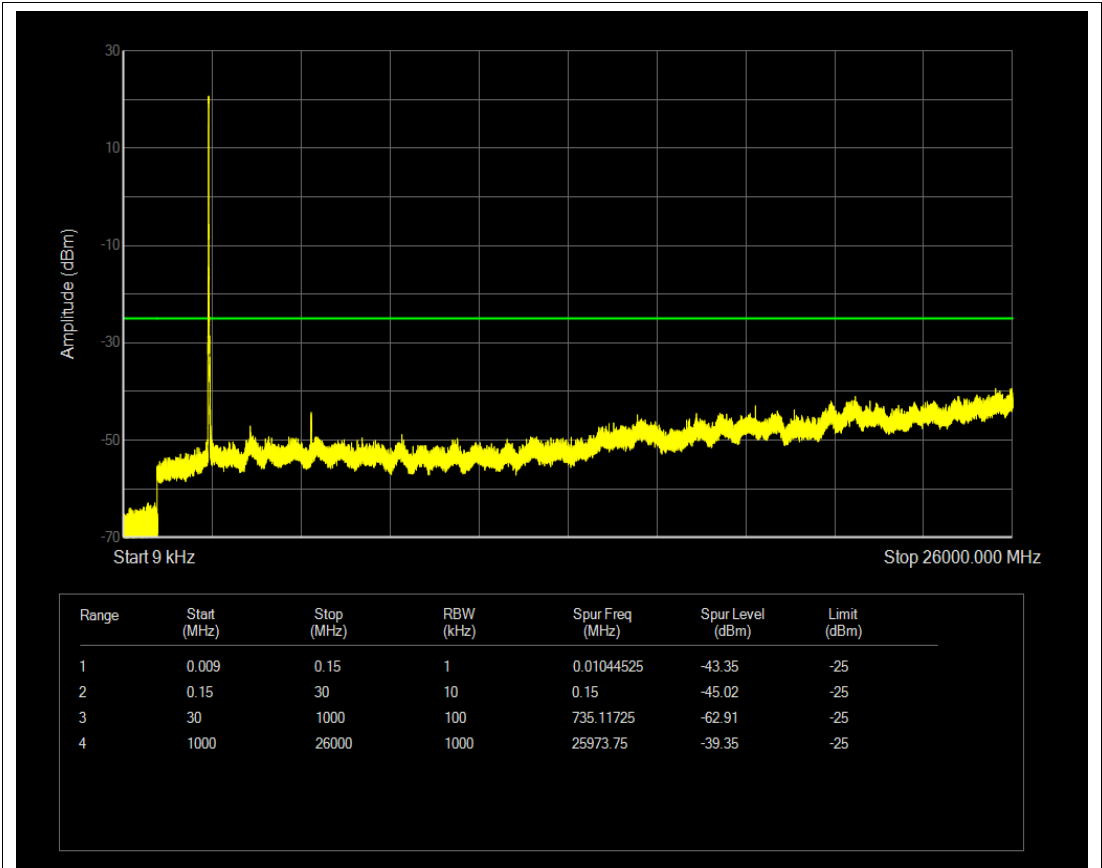
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT



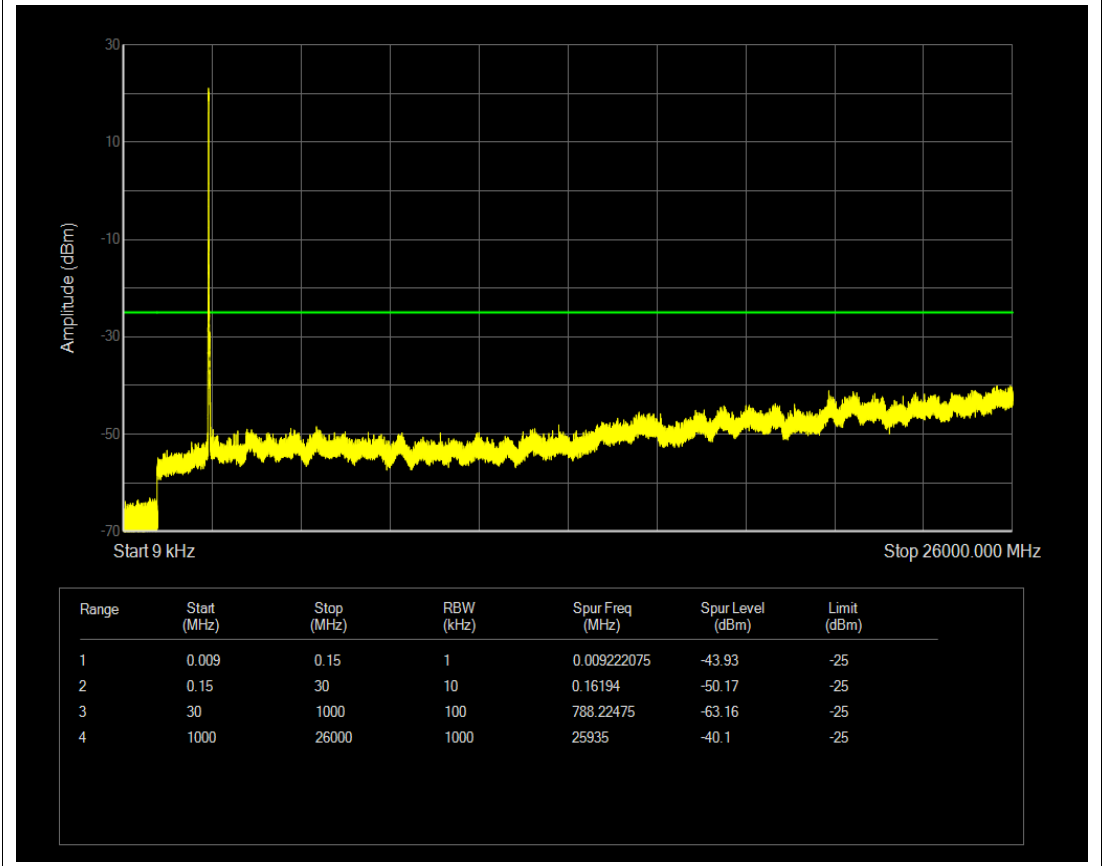
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT



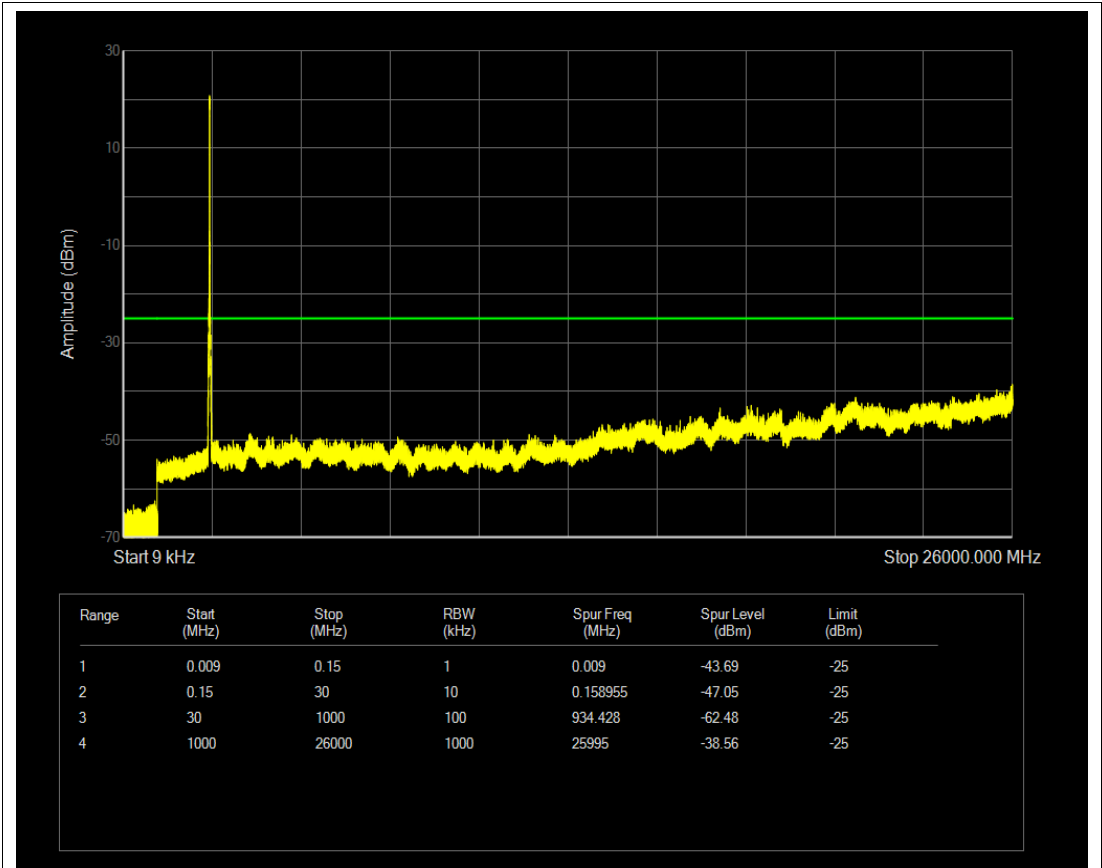
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT



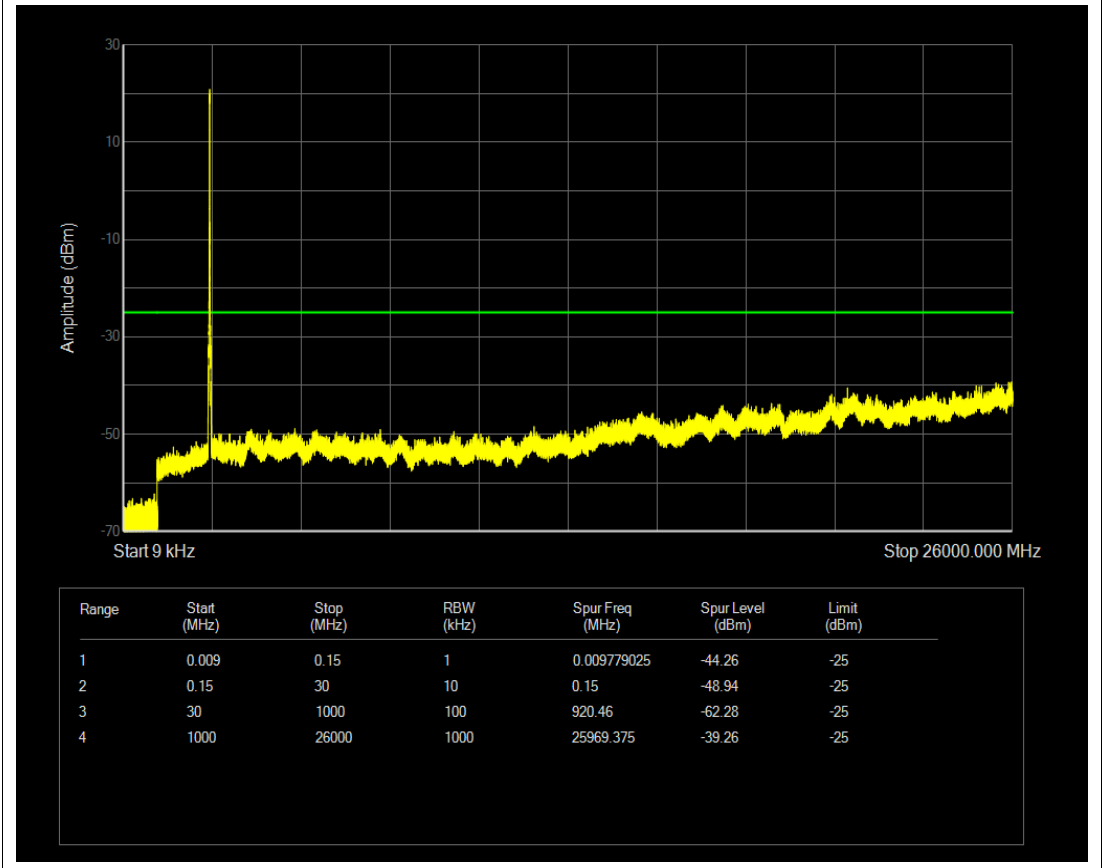
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



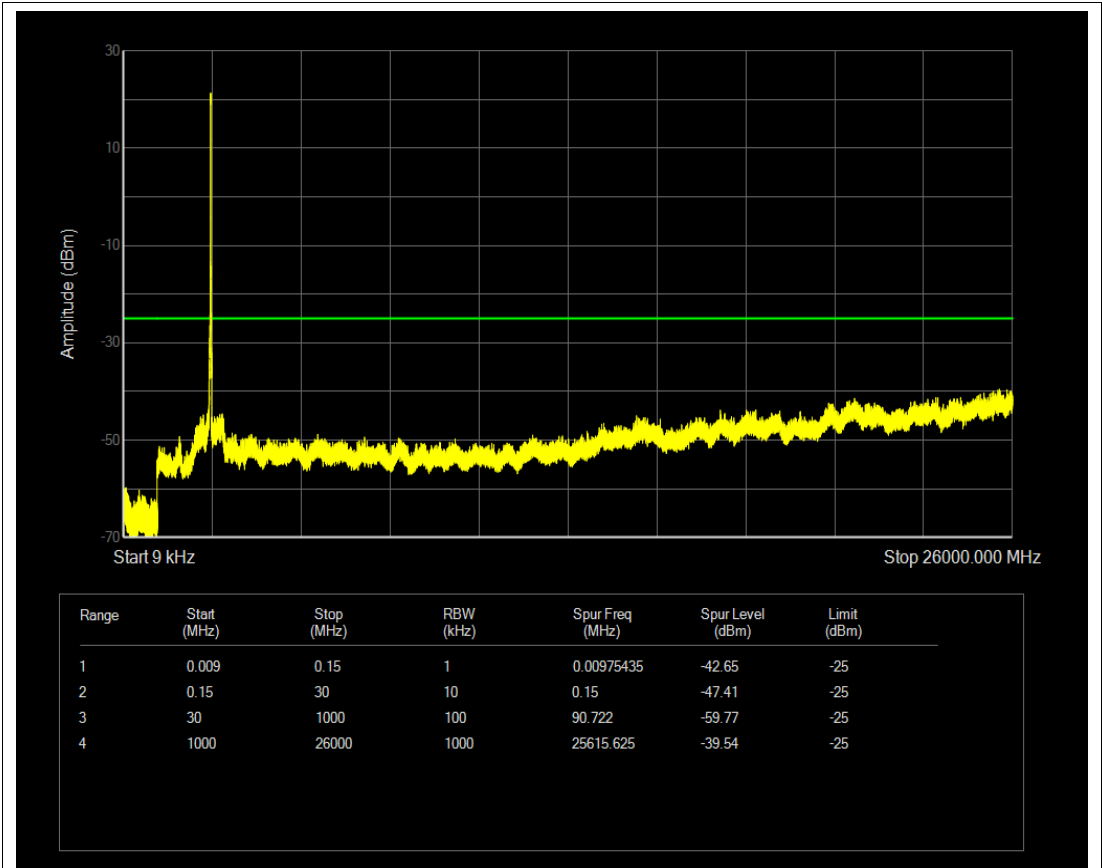
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



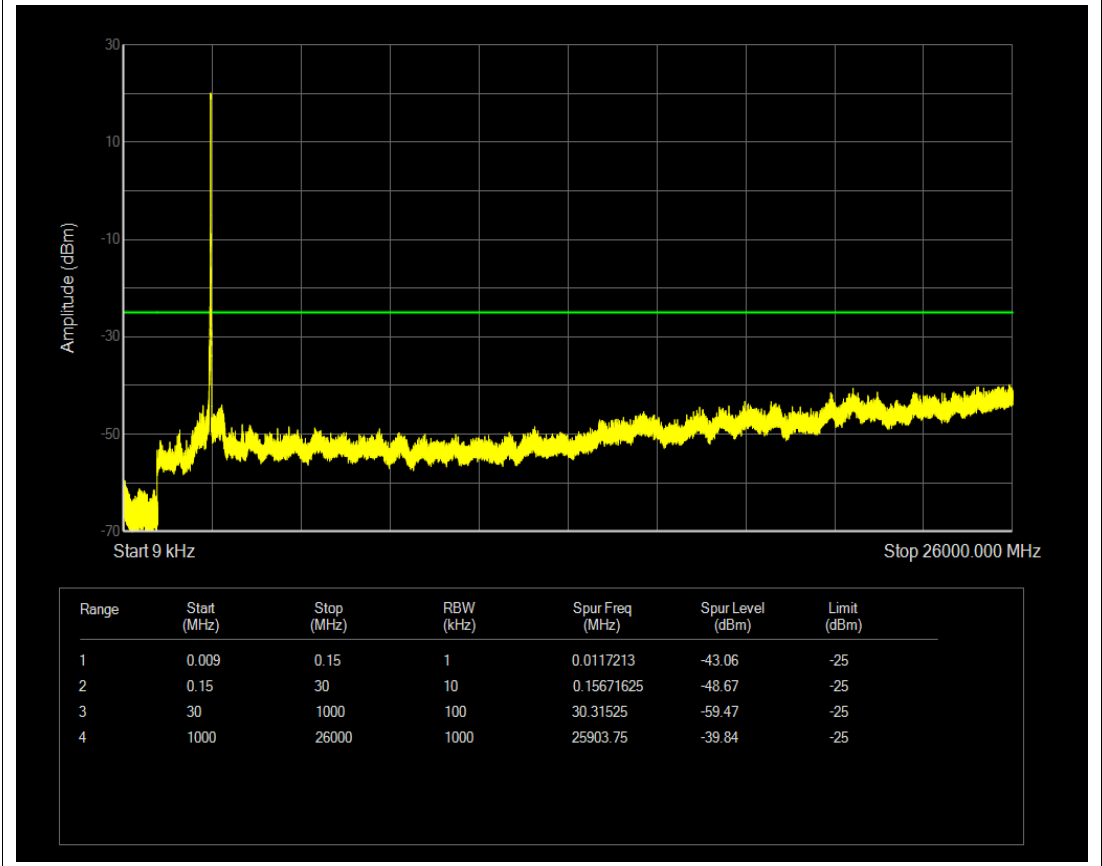
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT



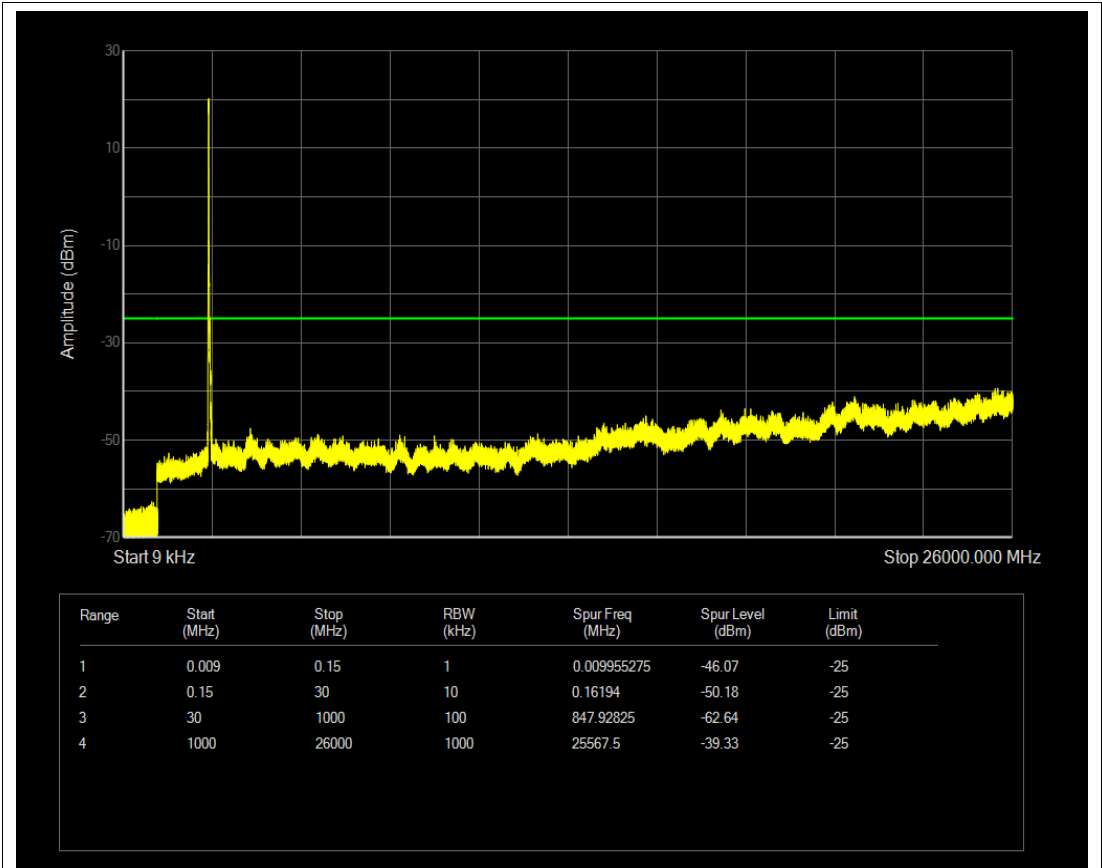
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT



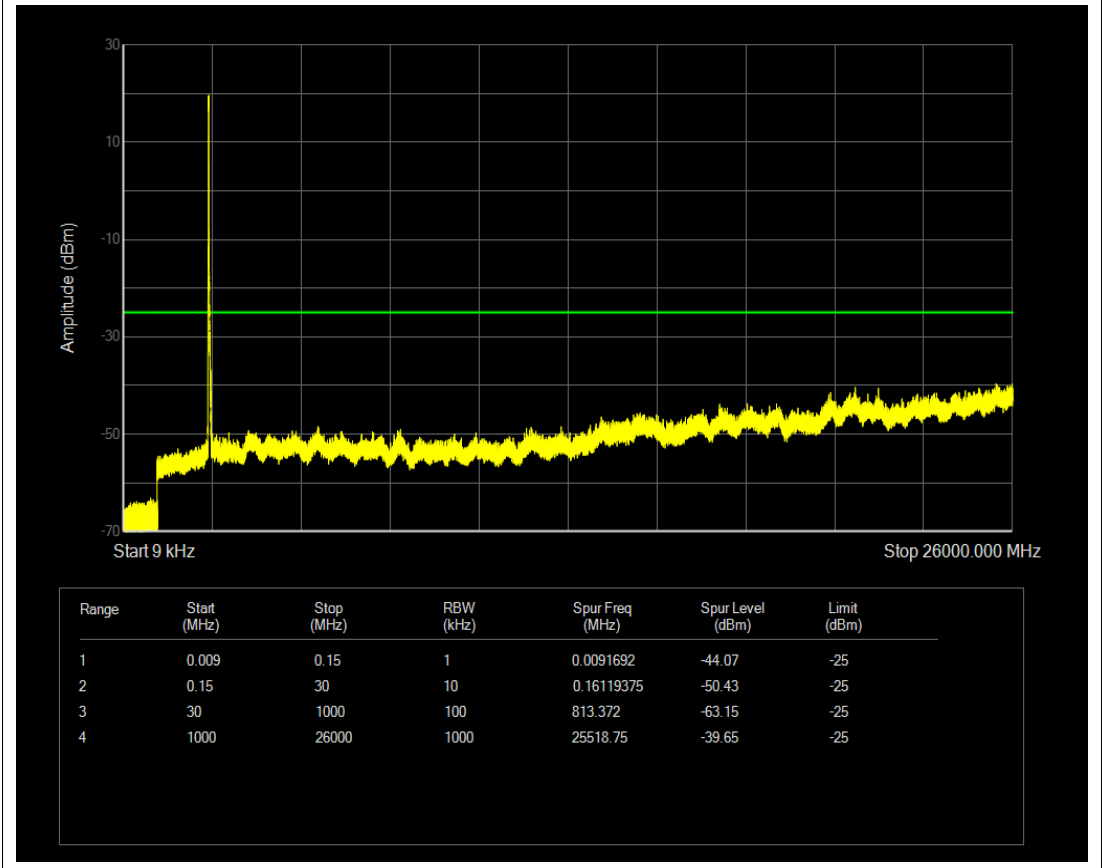
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



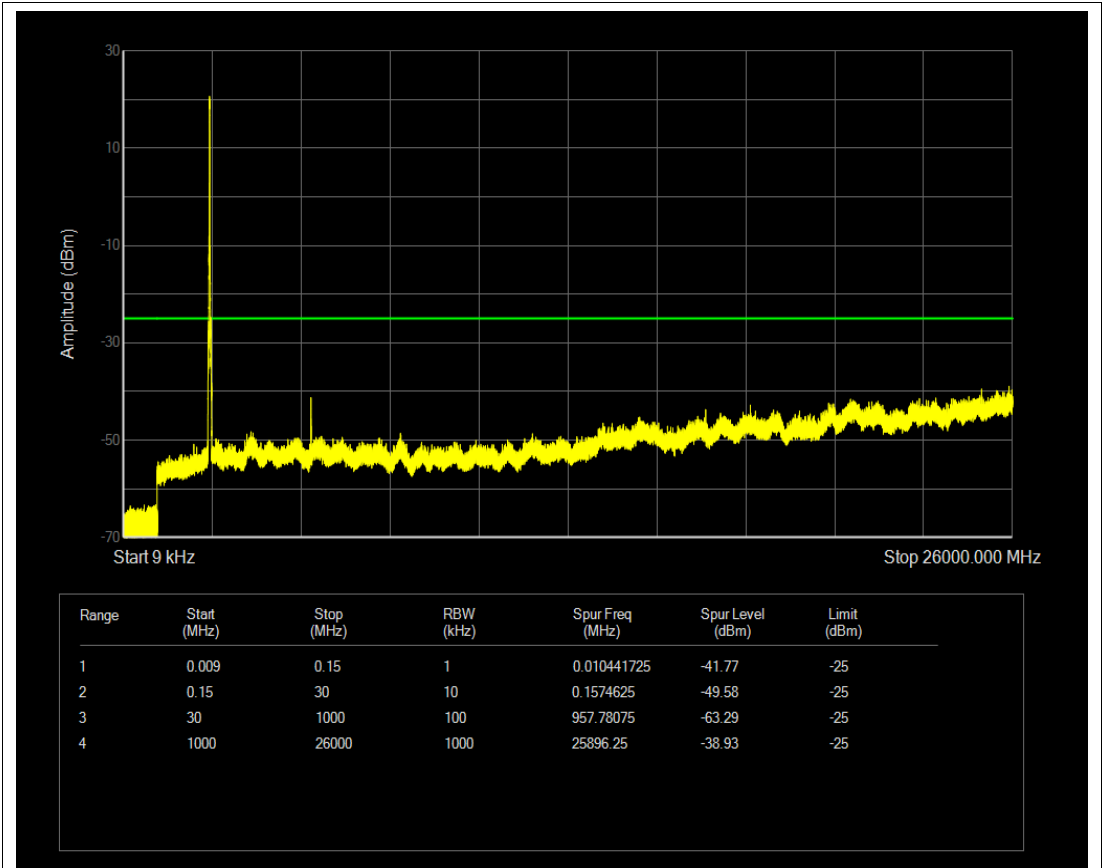
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



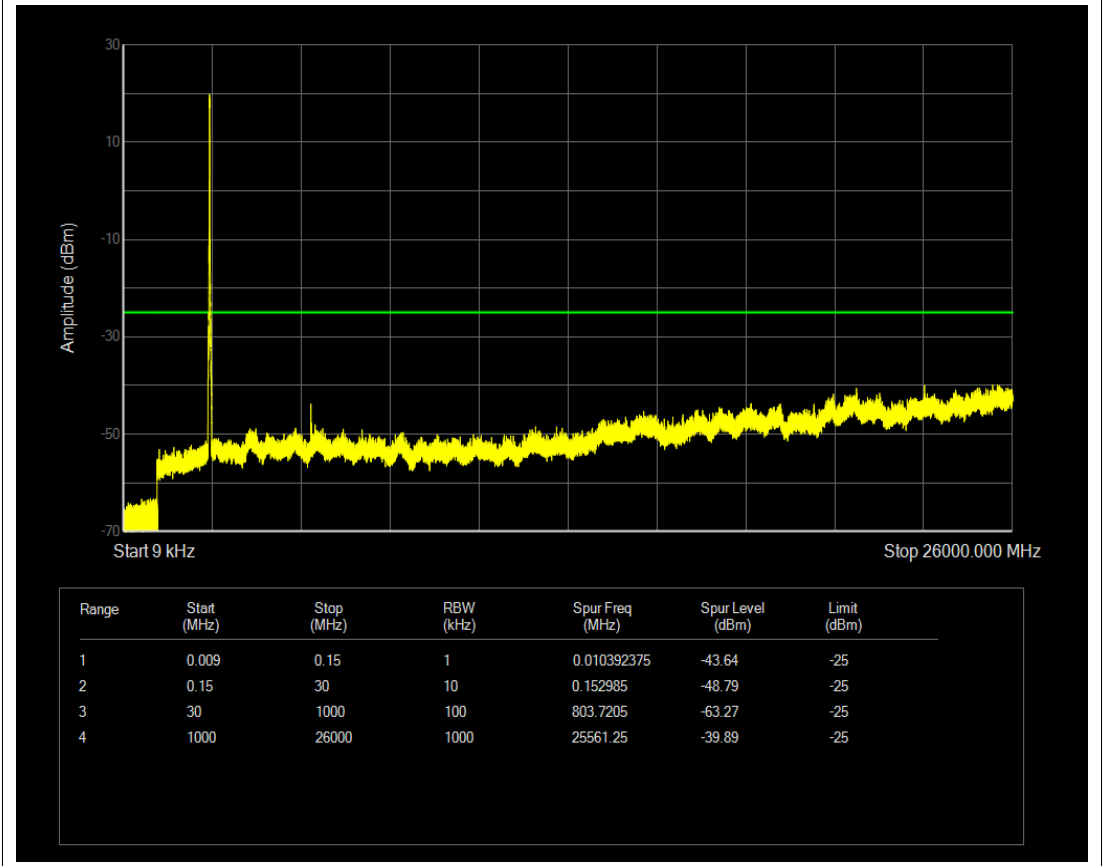
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT



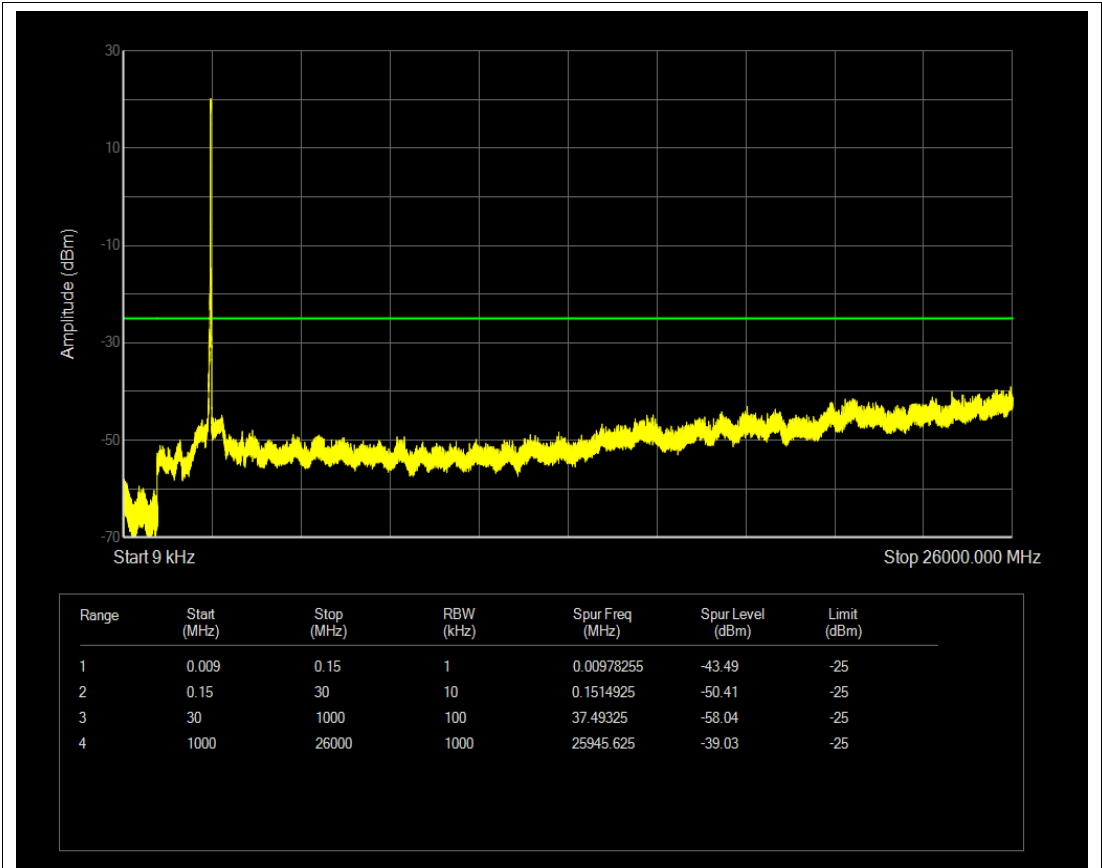
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT



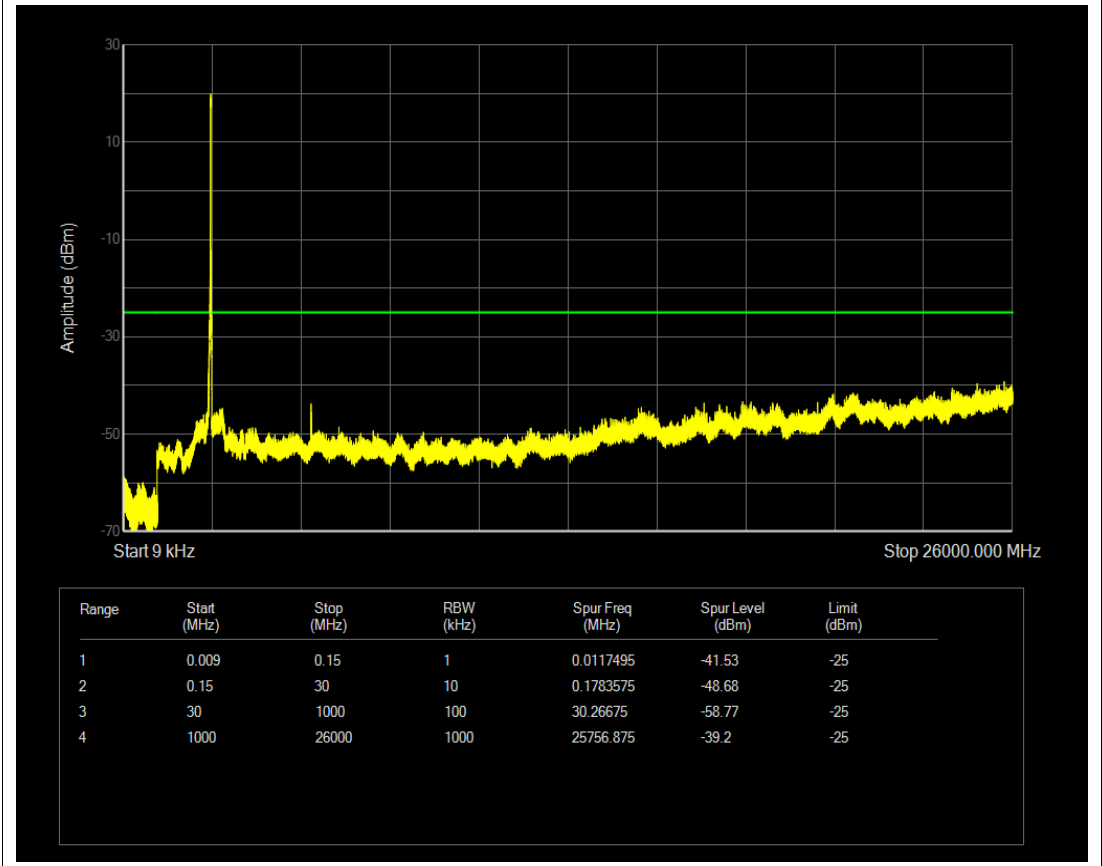
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT



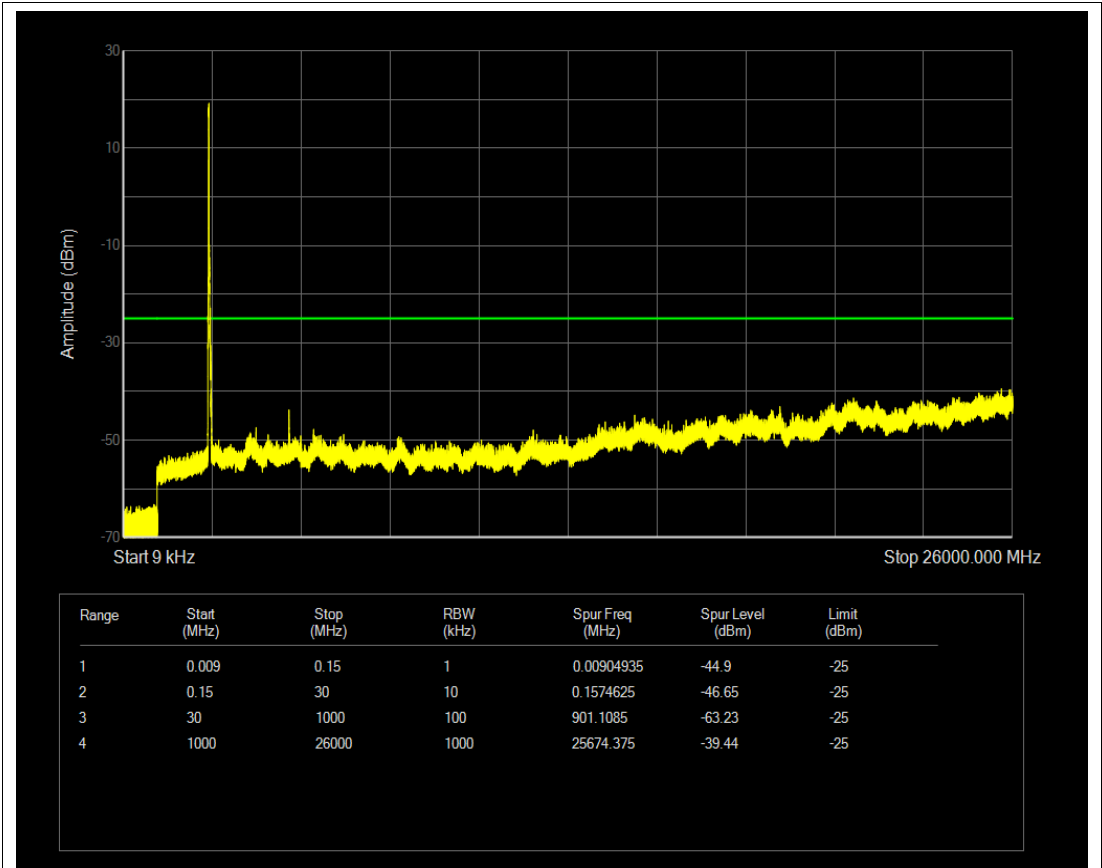
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT



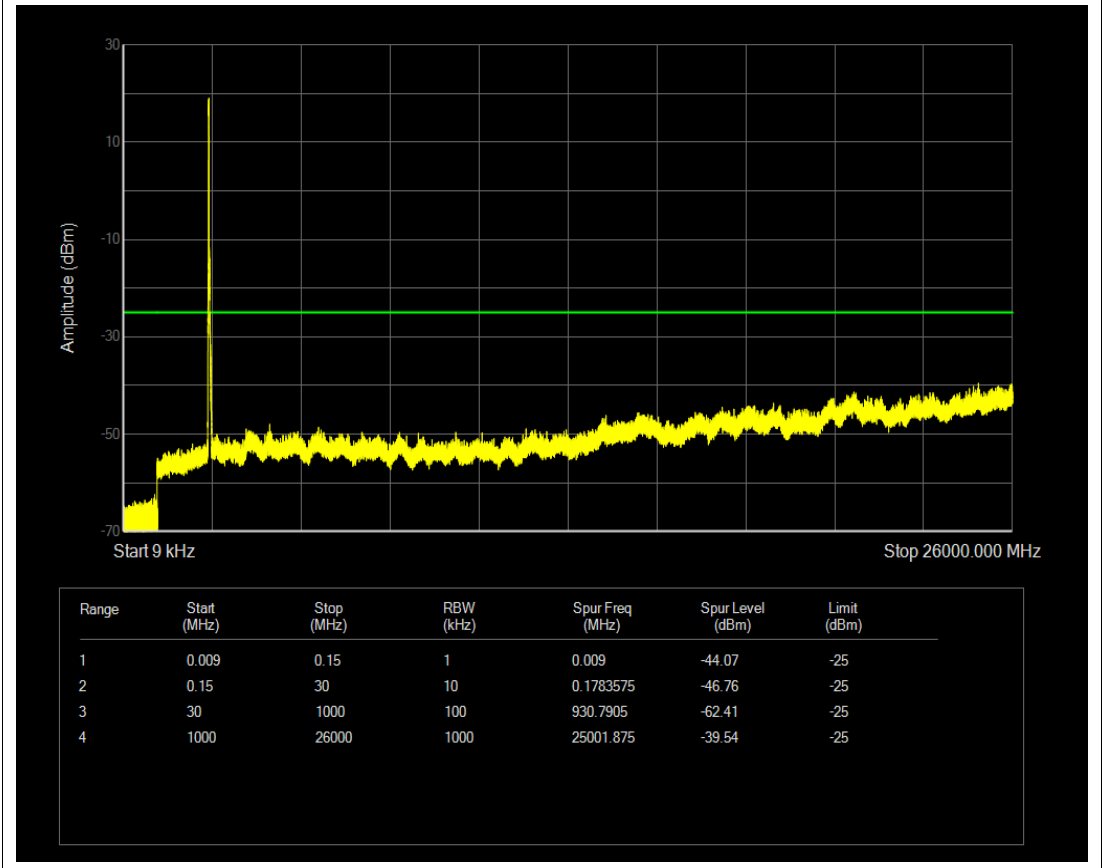
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



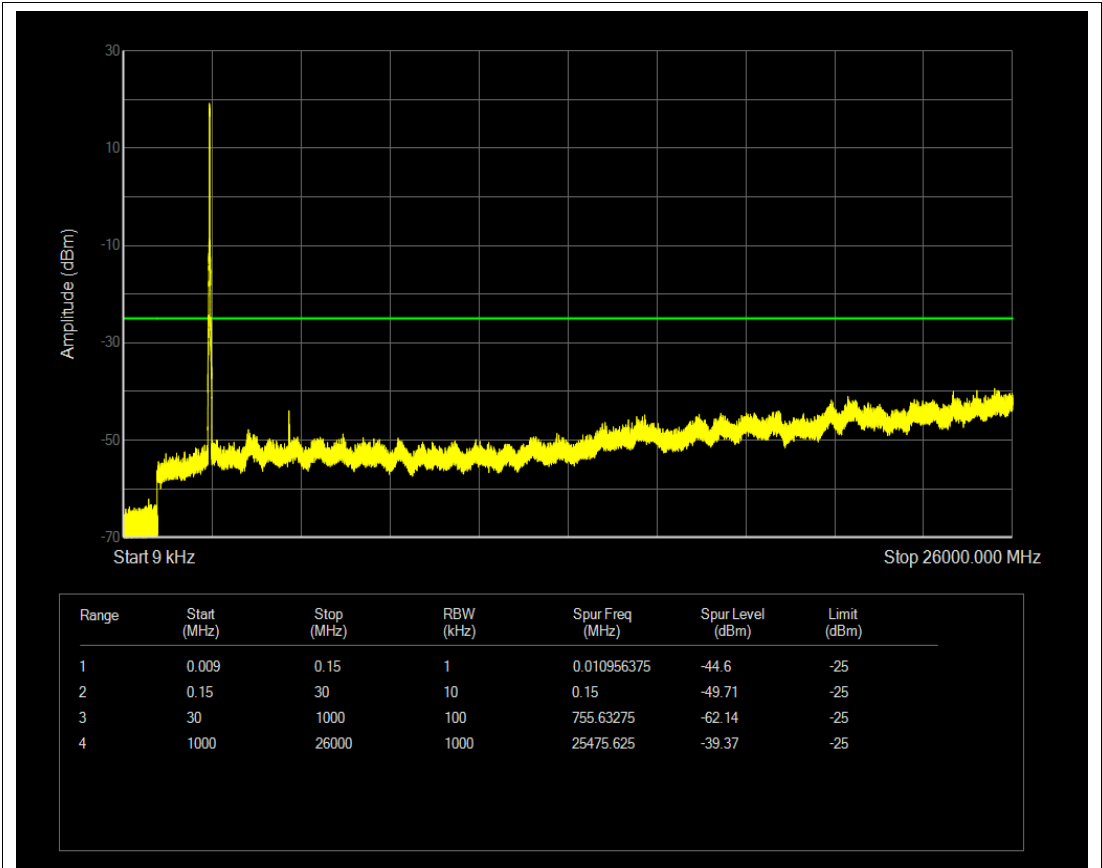
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



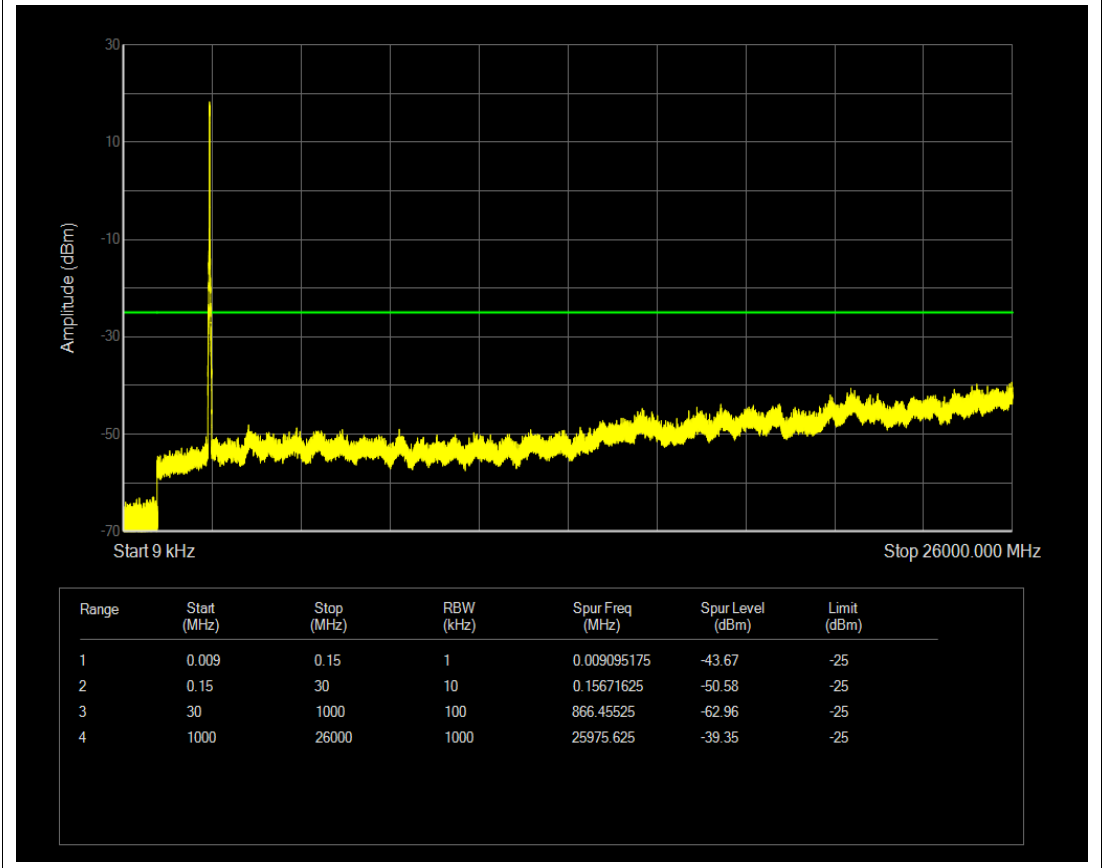
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT



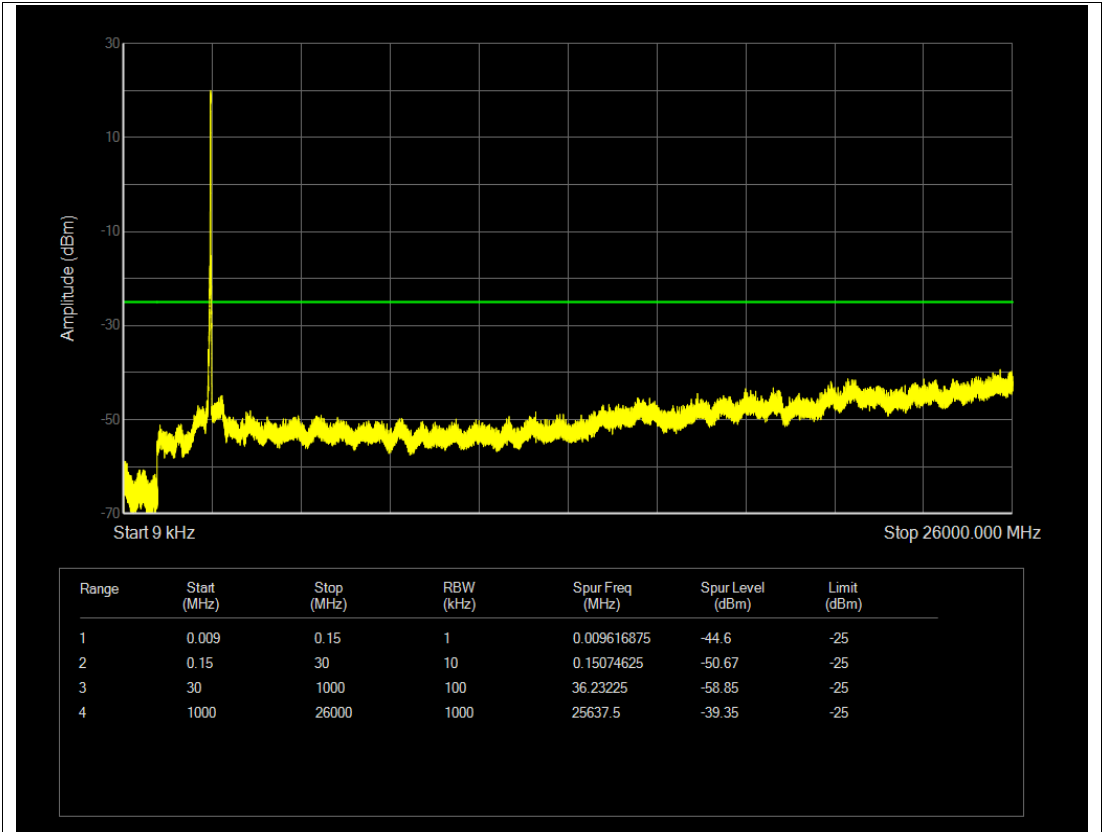
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT



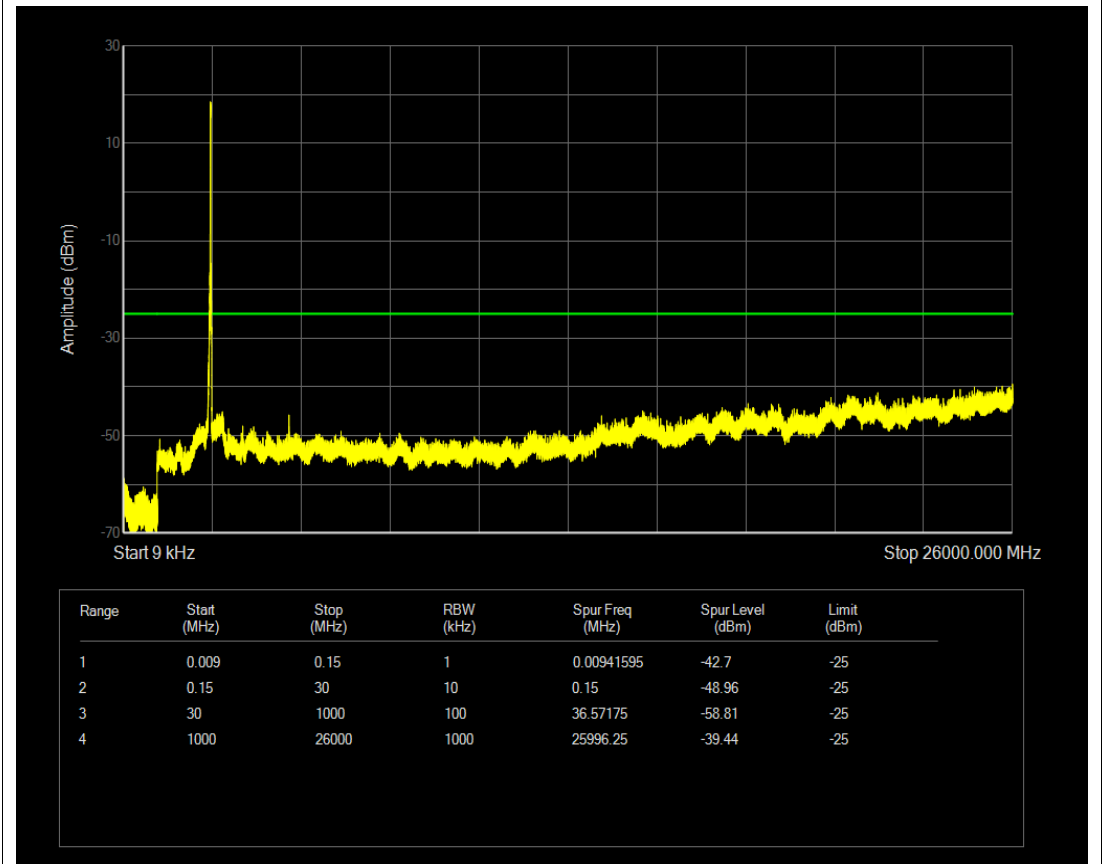
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0 NVNT



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



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



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