

Contents

Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement.....2

Appendix 2. Frequency stability6

Appendix 3. Peak-to-Average Ratio13

Appendix 4. Occupied bandwidth27

Appendix 5. Band edge41

Appendix 6. Out-of-band emissions51

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

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	23.70	-2.33	19.22	PASS
Band5	1.4	20407	1	#Mid	QPSK	23.56	-2.33	19.08	PASS
Band5	1.4	20407	1	#Max	QPSK	23.63	-2.33	19.15	PASS
Band5	1.4	20407	3	#0	QPSK	23.50	-2.33	19.02	PASS
Band5	1.4	20407	3	#Mid	QPSK	23.57	-2.33	19.09	PASS
Band5	1.4	20407	3	#Max	QPSK	23.56	-2.33	19.08	PASS
Band5	1.4	20407	6	#0	QPSK	23.06	-2.33	18.58	PASS
Band5	1.4	20407	1	#0	16QAM	24.14	-2.33	19.66	PASS
Band5	1.4	20407	1	#Mid	16QAM	24.10	-2.33	19.62	PASS
Band5	1.4	20407	1	#Max	16QAM	24.13	-2.33	19.65	PASS
Band5	1.4	20407	3	#0	16QAM	22.85	-2.33	18.37	PASS
Band5	1.4	20407	3	#Mid	16QAM	22.83	-2.33	18.35	PASS
Band5	1.4	20407	3	#Max	16QAM	22.77	-2.33	18.29	PASS
Band5	1.4	20407	6	#0	16QAM	21.82	-2.33	17.34	PASS
Band5	1.4	20525	1	#0	QPSK	23.56	-2.33	19.08	PASS
Band5	1.4	20525	1	#Mid	QPSK	23.55	-2.33	19.07	PASS
Band5	1.4	20525	1	#Max	QPSK	23.59	-2.33	19.11	PASS
Band5	1.4	20525	3	#0	QPSK	23.44	-2.33	18.96	PASS
Band5	1.4	20525	3	#Mid	QPSK	23.50	-2.33	19.02	PASS
Band5	1.4	20525	3	#Max	QPSK	23.43	-2.33	18.95	PASS
Band5	1.4	20525	6	#0	QPSK	22.93	-2.33	18.45	PASS
Band5	1.4	20525	1	#0	16QAM	23.03	-2.33	18.55	PASS
Band5	1.4	20525	1	#Mid	16QAM	23.09	-2.33	18.61	PASS
Band5	1.4	20525	1	#Max	16QAM	23.04	-2.33	18.56	PASS
Band5	1.4	20525	3	#0	16QAM	22.56	-2.33	18.08	PASS
Band5	1.4	20525	3	#Mid	16QAM	22.54	-2.33	18.06	PASS
Band5	1.4	20525	3	#Max	16QAM	22.58	-2.33	18.10	PASS
Band5	1.4	20525	6	#0	16QAM	21.75	-2.33	17.27	PASS
Band5	1.4	20643	1	#0	QPSK	23.93	-2.33	19.45	PASS
Band5	1.4	20643	1	#Mid	QPSK	24.02	-2.33	19.54	PASS
Band5	1.4	20643	1	#Max	QPSK	23.90	-2.33	19.42	PASS
Band5	1.4	20643	3	#0	QPSK	23.79	-2.33	19.31	PASS
Band5	1.4	20643	3	#Mid	QPSK	23.89	-2.33	19.41	PASS
Band5	1.4	20643	3	#Max	QPSK	23.80	-2.33	19.32	PASS
Band5	1.4	20643	6	#0	QPSK	23.37	-2.33	18.89	PASS
Band5	1.4	20643	1	#0	16QAM	23.56	-2.33	19.08	PASS
Band5	1.4	20643	1	#Mid	16QAM	23.46	-2.33	18.98	PASS

Report No.: \${Report number}_Appendix LTE Band 5

Band5	1.4	20643	1	#Max	16QAM	23.50	-2.33	19.02	PASS
Band5	1.4	20643	3	#0	16QAM	22.75	-2.33	18.27	PASS
Band5	1.4	20643	3	#Mid	16QAM	22.77	-2.33	18.29	PASS
Band5	1.4	20643	3	#Max	16QAM	22.77	-2.33	18.29	PASS
Band5	1.4	20643	6	#0	16QAM	21.89	-2.33	17.41	PASS
Band5	3	20415	1	#0	QPSK	23.48	-2.33	19.00	PASS
Band5	3	20415	1	#Mid	QPSK	23.42	-2.33	18.94	PASS
Band5	3	20415	1	#Max	QPSK	23.46	-2.33	18.98	PASS
Band5	3	20415	8	#0	QPSK	22.99	-2.33	18.51	PASS
Band5	3	20415	8	#Mid	QPSK	23.04	-2.33	18.56	PASS
Band5	3	20415	8	#Max	QPSK	22.96	-2.33	18.48	PASS
Band5	3	20415	15	#0	QPSK	23.00	-2.33	18.52	PASS
Band5	3	20415	1	#0	16QAM	24.10	-2.33	19.62	PASS
Band5	3	20415	1	#Mid	16QAM	24.10	-2.33	19.62	PASS
Band5	3	20415	1	#Max	16QAM	24.09	-2.33	19.61	PASS
Band5	3	20415	8	#0	16QAM	21.42	-2.33	16.94	PASS
Band5	3	20415	8	#Mid	16QAM	21.46	-2.33	16.98	PASS
Band5	3	20415	8	#Max	16QAM	21.41	-2.33	16.93	PASS
Band5	3	20415	15	#0	16QAM	21.69	-2.33	17.21	PASS
Band5	3	20525	1	#0	QPSK	23.51	-2.33	19.03	PASS
Band5	3	20525	1	#Mid	QPSK	23.59	-2.33	19.11	PASS
Band5	3	20525	1	#Max	QPSK	23.64	-2.33	19.16	PASS
Band5	3	20525	8	#0	QPSK	22.93	-2.33	18.45	PASS
Band5	3	20525	8	#Mid	QPSK	22.99	-2.33	18.51	PASS
Band5	3	20525	8	#Max	QPSK	22.96	-2.33	18.48	PASS
Band5	3	20525	15	#0	QPSK	22.95	-2.33	18.47	PASS
Band5	3	20525	1	#0	16QAM	23.04	-2.33	18.56	PASS
Band5	3	20525	1	#Mid	16QAM	23.04	-2.33	18.56	PASS
Band5	3	20525	1	#Max	16QAM	23.03	-2.33	18.55	PASS
Band5	3	20525	8	#0	16QAM	21.60	-2.33	17.12	PASS
Band5	3	20525	8	#Mid	16QAM	21.51	-2.33	17.03	PASS
Band5	3	20525	8	#Max	16QAM	21.48	-2.33	17.00	PASS
Band5	3	20525	15	#0	16QAM	21.43	-2.33	16.95	PASS
Band5	3	20635	1	#0	QPSK	23.93	-2.33	19.45	PASS
Band5	3	20635	1	#Mid	QPSK	24.03	-2.33	19.55	PASS
Band5	3	20635	1	#Max	QPSK	23.93	-2.33	19.45	PASS
Band5	3	20635	8	#0	QPSK	23.26	-2.33	18.78	PASS
Band5	3	20635	8	#Mid	QPSK	23.26	-2.33	18.78	PASS
Band5	3	20635	8	#Max	QPSK	23.28	-2.33	18.80	PASS
Band5	3	20635	15	#0	QPSK	23.37	-2.33	18.89	PASS
Band5	3	20635	1	#0	16QAM	23.49	-2.33	19.01	PASS
Band5	3	20635	1	#Mid	16QAM	23.54	-2.33	19.06	PASS
Band5	3	20635	1	#Max	16QAM	23.53	-2.33	19.05	PASS
Band5	3	20635	8	#0	16QAM	21.87	-2.33	17.39	PASS

Report No.: \${Report number}_Appendix LTE Band 5

Band5	3	20635	8	#Mid	16QAM	21.89	-2.33	17.41	PASS
Band5	3	20635	8	#Max	16QAM	21.98	-2.33	17.50	PASS
Band5	3	20635	15	#0	16QAM	21.93	-2.33	17.45	PASS
Band5	5	20425	1	#0	QPSK	23.54	-2.33	19.06	PASS
Band5	5	20425	1	#Mid	QPSK	23.47	-2.33	18.99	PASS
Band5	5	20425	1	#Max	QPSK	23.40	-2.33	18.92	PASS
Band5	5	20425	12	#0	QPSK	23.10	-2.33	18.62	PASS
Band5	5	20425	12	#Mid	QPSK	23.00	-2.33	18.52	PASS
Band5	5	20425	12	#Max	QPSK	22.94	-2.33	18.46	PASS
Band5	5	20425	25	#0	QPSK	22.95	-2.33	18.47	PASS
Band5	5	20425	1	#0	16QAM	23.13	-2.33	18.65	PASS
Band5	5	20425	1	#Mid	16QAM	23.09	-2.33	18.61	PASS
Band5	5	20425	1	#Max	16QAM	23.09	-2.33	18.61	PASS
Band5	5	20425	12	#0	16QAM	21.55	-2.33	17.07	PASS
Band5	5	20425	12	#Mid	16QAM	21.50	-2.33	17.02	PASS
Band5	5	20425	12	#Max	16QAM	21.45	-2.33	16.97	PASS
Band5	5	20425	25	#0	16QAM	21.72	-2.33	17.24	PASS
Band5	5	20525	1	#0	QPSK	23.45	-2.33	18.97	PASS
Band5	5	20525	1	#Mid	QPSK	23.52	-2.33	19.04	PASS
Band5	5	20525	1	#Max	QPSK	23.60	-2.33	19.12	PASS
Band5	5	20525	12	#0	QPSK	23.05	-2.33	18.57	PASS
Band5	5	20525	12	#Mid	QPSK	23.00	-2.33	18.52	PASS
Band5	5	20525	12	#Max	QPSK	23.07	-2.33	18.59	PASS
Band5	5	20525	25	#0	QPSK	23.04	-2.33	18.56	PASS
Band5	5	20525	1	#0	16QAM	23.01	-2.33	18.53	PASS
Band5	5	20525	1	#Mid	16QAM	23.01	-2.33	18.53	PASS
Band5	5	20525	1	#Max	16QAM	23.14	-2.33	18.66	PASS
Band5	5	20525	12	#0	16QAM	21.31	-2.33	16.83	PASS
Band5	5	20525	12	#Mid	16QAM	21.35	-2.33	16.87	PASS
Band5	5	20525	12	#Max	16QAM	21.35	-2.33	16.87	PASS
Band5	5	20525	25	#0	16QAM	21.56	-2.33	17.08	PASS
Band5	5	20625	1	#0	QPSK	23.59	-2.33	19.11	PASS
Band5	5	20625	1	#Mid	QPSK	23.72	-2.33	19.24	PASS
Band5	5	20625	1	#Max	QPSK	23.60	-2.33	19.12	PASS
Band5	5	20625	12	#0	QPSK	23.27	-2.33	18.79	PASS
Band5	5	20625	12	#Mid	QPSK	23.35	-2.33	18.87	PASS
Band5	5	20625	12	#Max	QPSK	23.29	-2.33	18.81	PASS
Band5	5	20625	25	#0	QPSK	23.35	-2.33	18.87	PASS
Band5	5	20625	1	#0	16QAM	23.86	-2.33	19.38	PASS
Band5	5	20625	1	#Mid	16QAM	24.00	-2.33	19.52	PASS
Band5	5	20625	1	#Max	16QAM	23.82	-2.33	19.34	PASS
Band5	5	20625	12	#0	16QAM	21.81	-2.33	17.33	PASS
Band5	5	20625	12	#Mid	16QAM	21.90	-2.33	17.42	PASS
Band5	5	20625	12	#Max	16QAM	21.85	-2.33	17.37	PASS

Report No.: \${Report number}_Appendix LTE Band 5

Band5	5	20625	25	#0	16QAM	22.04	-2.33	17.56	PASS
Band5	10	20450	1	#0	QPSK	23.45	-2.33	18.97	PASS
Band5	10	20450	1	#Mid	QPSK	23.31	-2.33	18.83	PASS
Band5	10	20450	1	#Max	QPSK	23.37	-2.33	18.89	PASS
Band5	10	20450	25	#0	QPSK	23.04	-2.33	18.56	PASS
Band5	10	20450	25	#Mid	QPSK	22.93	-2.33	18.45	PASS
Band5	10	20450	25	#Max	QPSK	22.89	-2.33	18.41	PASS
Band5	10	20450	50	#0	QPSK	22.98	-2.33	18.50	PASS
Band5	10	20450	1	#0	16QAM	24.05	-2.33	19.57	PASS
Band5	10	20450	1	#Mid	16QAM	23.97	-2.33	19.49	PASS
Band5	10	20450	1	#Max	16QAM	24.06	-2.33	19.58	PASS
Band5	10	20450	25	#0	16QAM	21.54	-2.33	17.06	PASS
Band5	10	20450	25	#Mid	16QAM	21.53	-2.33	17.05	PASS
Band5	10	20450	25	#Max	16QAM	21.54	-2.33	17.06	PASS
Band5	10	20450	50	#0	16QAM	21.59	-2.33	17.11	PASS
Band5	10	20525	1	#0	QPSK	23.35	-2.33	18.87	PASS
Band5	10	20525	1	#Mid	QPSK	23.41	-2.33	18.93	PASS
Band5	10	20525	1	#Max	QPSK	23.60	-2.33	19.12	PASS
Band5	10	20525	25	#0	QPSK	22.92	-2.33	18.44	PASS
Band5	10	20525	25	#Mid	QPSK	23.06	-2.33	18.58	PASS
Band5	10	20525	25	#Max	QPSK	23.00	-2.33	18.52	PASS
Band5	10	20525	50	#0	QPSK	23.06	-2.33	18.58	PASS
Band5	10	20525	1	#0	16QAM	23.54	-2.33	19.06	PASS
Band5	10	20525	1	#Mid	16QAM	23.64	-2.33	19.16	PASS
Band5	10	20525	1	#Max	16QAM	23.87	-2.33	19.39	PASS
Band5	10	20525	25	#0	16QAM	21.55	-2.33	17.07	PASS
Band5	10	20525	25	#Mid	16QAM	21.55	-2.33	17.07	PASS
Band5	10	20525	25	#Max	16QAM	21.61	-2.33	17.13	PASS
Band5	10	20525	50	#0	16QAM	21.59	-2.33	17.11	PASS
Band5	10	20600	1	#0	QPSK	23.56	-2.33	19.08	PASS
Band5	10	20600	1	#Mid	QPSK	23.76	-2.33	19.28	PASS
Band5	10	20600	1	#Max	QPSK	23.95	-2.33	19.47	PASS
Band5	10	20600	25	#0	QPSK	23.16	-2.33	18.68	PASS
Band5	10	20600	25	#Mid	QPSK	23.24	-2.33	18.76	PASS
Band5	10	20600	25	#Max	QPSK	23.40	-2.33	18.92	PASS
Band5	10	20600	50	#0	QPSK	23.26	-2.33	18.78	PASS
Band5	10	20600	1	#0	16QAM	23.37	-2.33	18.89	PASS
Band5	10	20600	1	#Mid	16QAM	23.52	-2.33	19.04	PASS
Band5	10	20600	1	#Max	16QAM	23.62	-2.33	19.14	PASS
Band5	10	20600	25	#0	16QAM	21.76	-2.33	17.28	PASS
Band5	10	20600	25	#Mid	16QAM	21.80	-2.33	17.32	PASS
Band5	10	20600	25	#Max	16QAM	21.94	-2.33	17.46	PASS
Band5	10	20600	50	#0	16QAM	21.73	-2.33	17.25	PASS

Appendix 2.Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band5	1.4	20407	6	#0	QPSK	LV	NT	33.55	0.041	PASS
Band5	1.4	20407	6	#0	QPSK	NV	NT	31.86	0.039	PASS
Band5	1.4	20407	6	#0	QPSK	HV	NT	26.74	0.032	PASS
Band5	1.4	20407	6	#0	16QAM	LV	NT	18.87	0.023	PASS
Band5	1.4	20407	6	#0	16QAM	NV	NT	11.47	0.014	PASS
Band5	1.4	20407	6	#0	16QAM	HV	NT	3.32	0.004	PASS
Band5	1.4	20525	6	#0	QPSK	LV	NT	-19.30	-0.023	PASS
Band5	1.4	20525	6	#0	QPSK	NV	NT	-29.03	-0.035	PASS
Band5	1.4	20525	6	#0	QPSK	HV	NT	-37.41	-0.045	PASS
Band5	1.4	20525	6	#0	16QAM	LV	NT	-47.82	-0.057	PASS
Band5	1.4	20525	6	#0	16QAM	NV	NT	-8.07	-0.010	PASS
Band5	1.4	20525	6	#0	16QAM	HV	NT	-17.68	-0.021	PASS
Band5	1.4	20643	6	#0	QPSK	LV	NT	-20.38	-0.024	PASS
Band5	1.4	20643	6	#0	QPSK	NV	NT	-31.50	-0.037	PASS
Band5	1.4	20643	6	#0	QPSK	HV	NT	-21.36	-0.025	PASS
Band5	1.4	20643	6	#0	16QAM	LV	NT	-15.74	-0.019	PASS
Band5	1.4	20643	6	#0	16QAM	NV	NT	-28.41	-0.033	PASS
Band5	1.4	20643	6	#0	16QAM	HV	NT	-39.50	-0.047	PASS
Band5	3	20415	15	#0	QPSK	LV	NT	26.74	0.032	PASS
Band5	3	20415	15	#0	QPSK	NV	NT	25.66	0.031	PASS
Band5	3	20415	15	#0	QPSK	HV	NT	22.30	0.027	PASS
Band5	3	20415	15	#0	16QAM	LV	NT	15.75	0.019	PASS
Band5	3	20415	15	#0	16QAM	NV	NT	11.49	0.014	PASS
Band5	3	20415	15	#0	16QAM	HV	NT	6.21	0.008	PASS
Band5	3	20525	15	#0	QPSK	LV	NT	-1.59	-0.002	PASS
Band5	3	20525	15	#0	QPSK	NV	NT	-7.93	-0.009	PASS
Band5	3	20525	15	#0	QPSK	HV	NT	-16.09	-0.019	PASS
Band5	3	20525	15	#0	16QAM	LV	NT	-24.98	-0.030	PASS
Band5	3	20525	15	#0	16QAM	NV	NT	-31.74	-0.038	PASS
Band5	3	20525	15	#0	16QAM	HV	NT	-37.42	-0.045	PASS
Band5	3	20635	15	#0	QPSK	LV	NT	-11.17	-0.013	PASS
Band5	3	20635	15	#0	QPSK	NV	NT	-20.60	-0.024	PASS
Band5	3	20635	15	#0	QPSK	HV	NT	-32.54	-0.038	PASS
Band5	3	20635	15	#0	16QAM	LV	NT	-47.18	-0.056	PASS
Band5	3	20635	15	#0	16QAM	NV	NT	-12.83	-0.015	PASS
Band5	3	20635	15	#0	16QAM	HV	NT	-21.27	-0.025	PASS
Band5	5	20425	25	#0	QPSK	LV	NT	42.92	0.052	PASS
Band5	5	20425	25	#0	QPSK	NV	NT	43.33	0.052	PASS
Band5	5	20425	25	#0	QPSK	HV	NT	38.17	0.046	PASS
Band5	5	20425	25	#0	16QAM	LV	NT	33.75	0.041	PASS

Report No.: \${Report number}_Appendix LTE Band 5

Band5	5	20425	25	#0	16QAM	NV	NT	30.54	0.037	PASS
Band5	5	20425	25	#0	16QAM	HV	NT	25.78	0.031	PASS
Band5	5	20525	25	#0	QPSK	LV	NT	-8.54	-0.010	PASS
Band5	5	20525	25	#0	QPSK	NV	NT	-13.42	-0.016	PASS
Band5	5	20525	25	#0	QPSK	HV	NT	-14.88	-0.018	PASS
Band5	5	20525	25	#0	16QAM	LV	NT	-26.85	-0.032	PASS
Band5	5	20525	25	#0	16QAM	NV	NT	-32.32	-0.039	PASS
Band5	5	20525	25	#0	16QAM	HV	NT	-44.98	-0.054	PASS
Band5	5	20625	25	#0	QPSK	LV	NT	-16.31	-0.019	PASS
Band5	5	20625	25	#0	QPSK	NV	NT	-26.42	-0.031	PASS
Band5	5	20625	25	#0	QPSK	HV	NT	-36.28	-0.043	PASS
Band5	5	20625	25	#0	16QAM	LV	NT	0.11	0.000	PASS
Band5	5	20625	25	#0	16QAM	NV	NT	-10.20	-0.012	PASS
Band5	5	20625	25	#0	16QAM	HV	NT	-19.04	-0.022	PASS
Band5	10	20450	50	#0	QPSK	LV	NT	29.10	0.035	PASS
Band5	10	20450	50	#0	QPSK	NV	NT	36.71	0.044	PASS
Band5	10	20450	50	#0	QPSK	HV	NT	31.10	0.038	PASS
Band5	10	20450	50	#0	16QAM	LV	NT	29.51	0.036	PASS
Band5	10	20450	50	#0	16QAM	NV	NT	26.16	0.032	PASS
Band5	10	20450	50	#0	16QAM	HV	NT	23.09	0.028	PASS
Band5	10	20525	50	#0	QPSK	LV	NT	-6.28	-0.008	PASS
Band5	10	20525	50	#0	QPSK	NV	NT	-10.94	-0.013	PASS
Band5	10	20525	50	#0	QPSK	HV	NT	-16.18	-0.019	PASS
Band5	10	20525	50	#0	16QAM	LV	NT	-24.20	-0.029	PASS
Band5	10	20525	50	#0	16QAM	NV	NT	-30.47	-0.036	PASS
Band5	10	20525	50	#0	16QAM	HV	NT	-34.56	-0.041	PASS
Band5	10	20600	50	#0	QPSK	LV	NT	-3.66	-0.004	PASS
Band5	10	20600	50	#0	QPSK	NV	NT	-10.79	-0.013	PASS
Band5	10	20600	50	#0	QPSK	HV	NT	-21.66	-0.026	PASS
Band5	10	20600	50	#0	16QAM	LV	NT	-32.94	-0.039	PASS
Band5	10	20600	50	#0	16QAM	NV	NT	-40.91	-0.048	PASS
Band5	10	20600	50	#0	16QAM	HV	NT	-47.71	-0.057	PASS
Band5	1.4	20407	6	#0	QPSK	NV	-30	2.33	0.003	PASS
Band5	1.4	20407	6	#0	QPSK	NV	-20	2.65	0.003	PASS
Band5	1.4	20407	6	#0	QPSK	NV	0	0.37	0.000	PASS
Band5	1.4	20407	6	#0	QPSK	NV	10	-4.39	-0.005	PASS
Band5	1.4	20407	6	#0	QPSK	NV	20	-7.40	-0.009	PASS
Band5	1.4	20407	6	#0	QPSK	NV	30	-15.82	-0.019	PASS
Band5	1.4	20407	6	#0	QPSK	NV	40	-24.02	-0.029	PASS
Band5	1.4	20407	6	#0	QPSK	NV	50	-31.63	-0.038	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-30	-43.07	-0.052	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-20	-0.20	0.000	PASS
Band5	1.4	20407	6	#0	16QAM	NV	0	-9.16	-0.011	PASS
Band5	1.4	20407	6	#0	16QAM	NV	10	-15.51	-0.019	PASS

Report No.: \${Report number}_Appendix LTE Band 5

Band5	1.4	20407	6	#0	16QAM	NV	20	-22.44	-0.027	PASS
Band5	1.4	20407	6	#0	16QAM	NV	30	-28.77	-0.035	PASS
Band5	1.4	20407	6	#0	16QAM	NV	40	-34.50	-0.042	PASS
Band5	1.4	20407	6	#0	16QAM	NV	50	-41.13	-0.050	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-30	-14.81	-0.018	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-20	-19.77	-0.024	PASS
Band5	1.4	20525	6	#0	QPSK	NV	0	-26.45	-0.032	PASS
Band5	1.4	20525	6	#0	QPSK	NV	10	-32.89	-0.039	PASS
Band5	1.4	20525	6	#0	QPSK	NV	20	-38.77	-0.046	PASS
Band5	1.4	20525	6	#0	QPSK	NV	30	3.60	0.004	PASS
Band5	1.4	20525	6	#0	QPSK	NV	40	-5.12	-0.006	PASS
Band5	1.4	20525	6	#0	QPSK	NV	50	-12.29	-0.015	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-30	-21.21	-0.025	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-20	-25.53	-0.031	PASS
Band5	1.4	20525	6	#0	16QAM	NV	0	-31.09	-0.037	PASS
Band5	1.4	20525	6	#0	16QAM	NV	10	-35.38	-0.042	PASS
Band5	1.4	20525	6	#0	16QAM	NV	20	-34.89	-0.042	PASS
Band5	1.4	20525	6	#0	16QAM	NV	30	-43.66	-0.052	PASS
Band5	1.4	20525	6	#0	16QAM	NV	40	-20.26	-0.024	PASS
Band5	1.4	20525	6	#0	16QAM	NV	50	2.45	0.003	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-30	-9.87	-0.012	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-20	-16.51	-0.019	PASS
Band5	1.4	20643	6	#0	QPSK	NV	0	-24.12	-0.028	PASS
Band5	1.4	20643	6	#0	QPSK	NV	10	-32.62	-0.038	PASS
Band5	1.4	20643	6	#0	QPSK	NV	20	-40.66	-0.048	PASS
Band5	1.4	20643	6	#0	QPSK	NV	30	-49.84	-0.059	PASS
Band5	1.4	20643	6	#0	QPSK	NV	40	-5.59	-0.007	PASS
Band5	1.4	20643	6	#0	QPSK	NV	50	-15.45	-0.018	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-30	-26.15	-0.031	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-20	-33.60	-0.040	PASS
Band5	1.4	20643	6	#0	16QAM	NV	0	-39.37	-0.046	PASS
Band5	1.4	20643	6	#0	16QAM	NV	10	-44.83	-0.053	PASS
Band5	1.4	20643	6	#0	16QAM	NV	20	-0.73	-0.001	PASS
Band5	1.4	20643	6	#0	16QAM	NV	30	-5.97	-0.007	PASS
Band5	1.4	20643	6	#0	16QAM	NV	40	-12.27	-0.014	PASS
Band5	1.4	20643	6	#0	16QAM	NV	50	-15.23	-0.018	PASS
Band5	3	20415	15	#0	QPSK	NV	-30	37.31	0.045	PASS
Band5	3	20415	15	#0	QPSK	NV	-20	41.67	0.050	PASS
Band5	3	20415	15	#0	QPSK	NV	0	43.86	0.053	PASS
Band5	3	20415	15	#0	QPSK	NV	10	45.38	0.055	PASS
Band5	3	20415	15	#0	QPSK	NV	20	43.37	0.053	PASS
Band5	3	20415	15	#0	QPSK	NV	30	40.43	0.049	PASS
Band5	3	20415	15	#0	QPSK	NV	40	36.72	0.044	PASS
Band5	3	20415	15	#0	QPSK	NV	50	33.75	0.041	PASS

Report No.: \${Report number}_Appendix LTE Band 5

Band5	3	20415	15	#0	16QAM	NV	-30	27.79	0.034	PASS
Band5	3	20415	15	#0	16QAM	NV	-20	23.57	0.029	PASS
Band5	3	20415	15	#0	16QAM	NV	0	22.09	0.027	PASS
Band5	3	20415	15	#0	16QAM	NV	10	21.10	0.026	PASS
Band5	3	20415	15	#0	16QAM	NV	20	18.45	0.022	PASS
Band5	3	20415	15	#0	16QAM	NV	30	17.70	0.021	PASS
Band5	3	20415	15	#0	16QAM	NV	40	14.98	0.018	PASS
Band5	3	20415	15	#0	16QAM	NV	50	12.35	0.015	PASS
Band5	3	20525	15	#0	QPSK	NV	-30	0.60	0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	-20	0.77	0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	0	-1.73	-0.002	PASS
Band5	3	20525	15	#0	QPSK	NV	10	-4.89	-0.006	PASS
Band5	3	20525	15	#0	QPSK	NV	20	-7.88	-0.009	PASS
Band5	3	20525	15	#0	QPSK	NV	30	-10.86	-0.013	PASS
Band5	3	20525	15	#0	QPSK	NV	40	-14.28	-0.017	PASS
Band5	3	20525	15	#0	QPSK	NV	50	-17.81	-0.021	PASS
Band5	3	20525	15	#0	16QAM	NV	-30	-22.69	-0.027	PASS
Band5	3	20525	15	#0	16QAM	NV	-20	-24.78	-0.030	PASS
Band5	3	20525	15	#0	16QAM	NV	0	-27.67	-0.033	PASS
Band5	3	20525	15	#0	16QAM	NV	10	-29.33	-0.035	PASS
Band5	3	20525	15	#0	16QAM	NV	20	-29.73	-0.036	PASS
Band5	3	20525	15	#0	16QAM	NV	30	-29.90	-0.036	PASS
Band5	3	20525	15	#0	16QAM	NV	40	-29.87	-0.036	PASS
Band5	3	20525	15	#0	16QAM	NV	50	-29.74	-0.036	PASS
Band5	3	20635	15	#0	QPSK	NV	-30	0.64	0.001	PASS
Band5	3	20635	15	#0	QPSK	NV	-20	-4.51	-0.005	PASS
Band5	3	20635	15	#0	QPSK	NV	0	-9.90	-0.012	PASS
Band5	3	20635	15	#0	QPSK	NV	10	-17.51	-0.021	PASS
Band5	3	20635	15	#0	QPSK	NV	20	-25.69	-0.030	PASS
Band5	3	20635	15	#0	QPSK	NV	30	-32.66	-0.039	PASS
Band5	3	20635	15	#0	QPSK	NV	40	-40.87	-0.048	PASS
Band5	3	20635	15	#0	QPSK	NV	50	-39.88	-0.047	PASS
Band5	3	20635	15	#0	16QAM	NV	-30	-9.18	-0.011	PASS
Band5	3	20635	15	#0	16QAM	NV	-20	-17.24	-0.020	PASS
Band5	3	20635	15	#0	16QAM	NV	0	-21.74	-0.026	PASS
Band5	3	20635	15	#0	16QAM	NV	10	-26.42	-0.031	PASS
Band5	3	20635	15	#0	16QAM	NV	20	-30.06	-0.035	PASS
Band5	3	20635	15	#0	16QAM	NV	30	-32.99	-0.039	PASS
Band5	3	20635	15	#0	16QAM	NV	40	-33.56	-0.040	PASS
Band5	3	20635	15	#0	16QAM	NV	50	-35.78	-0.042	PASS
Band5	5	20425	25	#0	QPSK	NV	-30	-4.59	-0.006	PASS
Band5	5	20425	25	#0	QPSK	NV	-20	1.56	0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	0	4.48	0.005	PASS
Band5	5	20425	25	#0	QPSK	NV	10	6.94	0.008	PASS

Report No.: \${Report number}_Appendix LTE Band 5

Band5	5	20425	25	#0	QPSK	NV	20	5.12	0.006	PASS
Band5	5	20425	25	#0	QPSK	NV	30	2.45	0.003	PASS
Band5	5	20425	25	#0	QPSK	NV	40	-1.40	-0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	50	-5.49	-0.007	PASS
Band5	5	20425	25	#0	16QAM	NV	-30	-10.89	-0.013	PASS
Band5	5	20425	25	#0	16QAM	NV	-20	-16.67	-0.020	PASS
Band5	5	20425	25	#0	16QAM	NV	0	-19.66	-0.024	PASS
Band5	5	20425	25	#0	16QAM	NV	10	-22.36	-0.027	PASS
Band5	5	20425	25	#0	16QAM	NV	20	-24.18	-0.029	PASS
Band5	5	20425	25	#0	16QAM	NV	30	-25.13	-0.030	PASS
Band5	5	20425	25	#0	16QAM	NV	40	-26.74	-0.032	PASS
Band5	5	20425	25	#0	16QAM	NV	50	-29.01	-0.035	PASS
Band5	5	20525	25	#0	QPSK	NV	-30	-3.15	-0.004	PASS
Band5	5	20525	25	#0	QPSK	NV	-20	-1.09	-0.001	PASS
Band5	5	20525	25	#0	QPSK	NV	0	-3.13	-0.004	PASS
Band5	5	20525	25	#0	QPSK	NV	10	-5.61	-0.007	PASS
Band5	5	20525	25	#0	QPSK	NV	20	-7.71	-0.009	PASS
Band5	5	20525	25	#0	QPSK	NV	30	-11.80	-0.014	PASS
Band5	5	20525	25	#0	QPSK	NV	40	-15.96	-0.019	PASS
Band5	5	20525	25	#0	QPSK	NV	50	-19.73	-0.024	PASS
Band5	5	20525	25	#0	16QAM	NV	-30	-23.26	-0.028	PASS
Band5	5	20525	25	#0	16QAM	NV	-20	-25.76	-0.031	PASS
Band5	5	20525	25	#0	16QAM	NV	0	-27.02	-0.032	PASS
Band5	5	20525	25	#0	16QAM	NV	10	-26.74	-0.032	PASS
Band5	5	20525	25	#0	16QAM	NV	20	-26.58	-0.032	PASS
Band5	5	20525	25	#0	16QAM	NV	30	-25.65	-0.031	PASS
Band5	5	20525	25	#0	16QAM	NV	40	-24.49	-0.029	PASS
Band5	5	20525	25	#0	16QAM	NV	50	-23.75	-0.028	PASS
Band5	5	20625	25	#0	QPSK	NV	-30	-4.65	-0.005	PASS
Band5	5	20625	25	#0	QPSK	NV	-20	-7.88	-0.009	PASS
Band5	5	20625	25	#0	QPSK	NV	0	-12.36	-0.015	PASS
Band5	5	20625	25	#0	QPSK	NV	10	-19.56	-0.023	PASS
Band5	5	20625	25	#0	QPSK	NV	20	-25.42	-0.030	PASS
Band5	5	20625	25	#0	QPSK	NV	30	-32.83	-0.039	PASS
Band5	5	20625	25	#0	QPSK	NV	40	-41.18	-0.049	PASS
Band5	5	20625	25	#0	QPSK	NV	50	1.36	0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	-30	-7.82	-0.009	PASS
Band5	5	20625	25	#0	16QAM	NV	-20	-13.92	-0.016	PASS
Band5	5	20625	25	#0	16QAM	NV	0	-16.34	-0.019	PASS
Band5	5	20625	25	#0	16QAM	NV	10	-20.07	-0.024	PASS
Band5	5	20625	25	#0	16QAM	NV	20	-23.16	-0.027	PASS
Band5	5	20625	25	#0	16QAM	NV	30	-26.48	-0.031	PASS
Band5	5	20625	25	#0	16QAM	NV	40	-28.25	-0.033	PASS
Band5	5	20625	25	#0	16QAM	NV	50	-30.28	-0.036	PASS

Report No.: \${Report number}_Appendix LTE Band 5

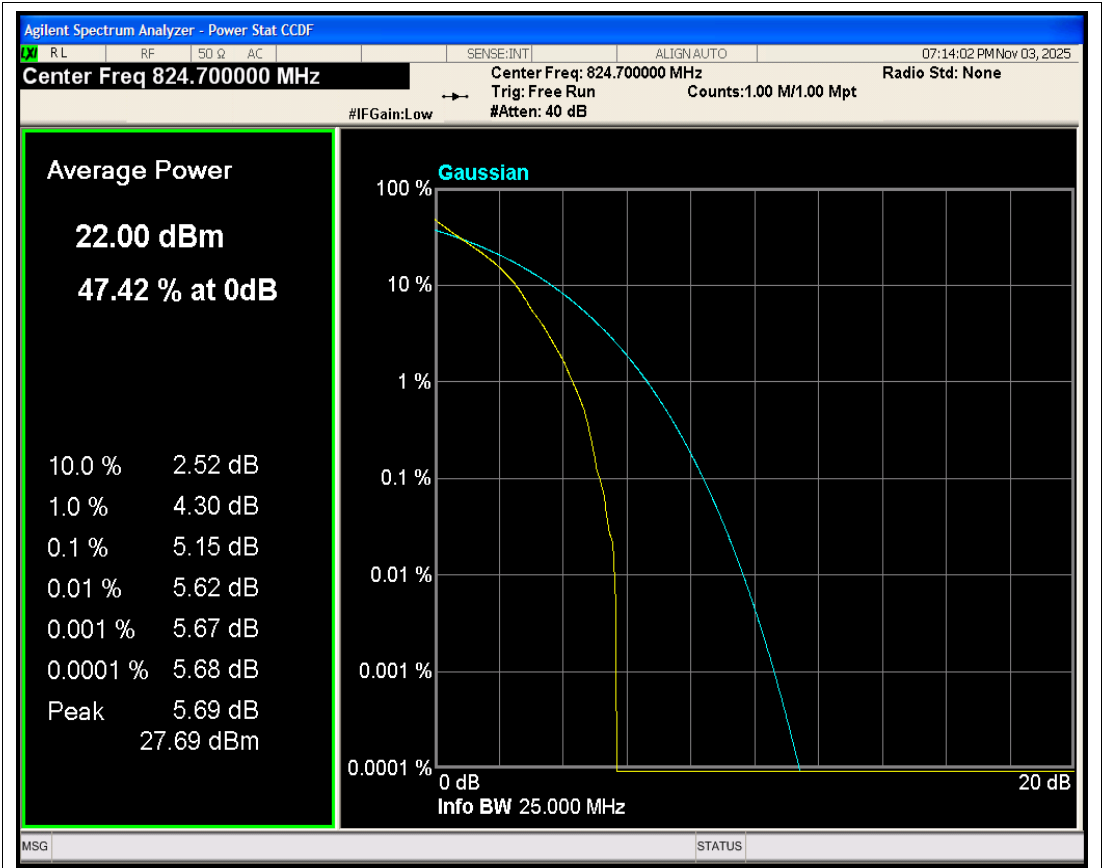
Band5	10	20450	50	#0	QPSK	NV	-30	22.82	0.028	PASS
Band5	10	20450	50	#0	QPSK	NV	-20	13.16	0.016	PASS
Band5	10	20450	50	#0	QPSK	NV	0	16.85	0.020	PASS
Band5	10	20450	50	#0	QPSK	NV	10	17.58	0.021	PASS
Band5	10	20450	50	#0	QPSK	NV	20	16.87	0.020	PASS
Band5	10	20450	50	#0	QPSK	NV	30	11.07	0.013	PASS
Band5	10	20450	50	#0	QPSK	NV	40	7.42	0.009	PASS
Band5	10	20450	50	#0	QPSK	NV	50	1.83	0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	-30	-1.53	-0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	-20	-6.18	-0.007	PASS
Band5	10	20450	50	#0	16QAM	NV	0	-5.75	-0.007	PASS
Band5	10	20450	50	#0	16QAM	NV	10	-5.16	-0.006	PASS
Band5	10	20450	50	#0	16QAM	NV	20	-6.84	-0.008	PASS
Band5	10	20450	50	#0	16QAM	NV	30	-5.39	-0.007	PASS
Band5	10	20450	50	#0	16QAM	NV	40	-7.62	-0.009	PASS
Band5	10	20450	50	#0	16QAM	NV	50	-7.55	-0.009	PASS
Band5	10	20525	50	#0	QPSK	NV	-30	-1.99	-0.002	PASS
Band5	10	20525	50	#0	QPSK	NV	-20	-3.22	-0.004	PASS
Band5	10	20525	50	#0	QPSK	NV	0	-4.03	-0.005	PASS
Band5	10	20525	50	#0	QPSK	NV	10	-6.94	-0.008	PASS
Band5	10	20525	50	#0	QPSK	NV	20	-9.70	-0.012	PASS
Band5	10	20525	50	#0	QPSK	NV	30	-14.53	-0.017	PASS
Band5	10	20525	50	#0	QPSK	NV	40	-18.64	-0.022	PASS
Band5	10	20525	50	#0	QPSK	NV	50	-23.07	-0.028	PASS
Band5	10	20525	50	#0	16QAM	NV	-30	-29.18	-0.035	PASS
Band5	10	20525	50	#0	16QAM	NV	-20	-31.46	-0.038	PASS
Band5	10	20525	50	#0	16QAM	NV	0	-31.89	-0.038	PASS
Band5	10	20525	50	#0	16QAM	NV	10	-32.49	-0.039	PASS
Band5	10	20525	50	#0	16QAM	NV	20	-31.49	-0.038	PASS
Band5	10	20525	50	#0	16QAM	NV	30	-29.74	-0.036	PASS
Band5	10	20525	50	#0	16QAM	NV	40	-26.39	-0.032	PASS
Band5	10	20525	50	#0	16QAM	NV	50	-26.19	-0.031	PASS
Band5	10	20600	50	#0	QPSK	NV	-30	-7.31	-0.009	PASS
Band5	10	20600	50	#0	QPSK	NV	-20	-9.98	-0.012	PASS
Band5	10	20600	50	#0	QPSK	NV	0	-15.08	-0.018	PASS
Band5	10	20600	50	#0	QPSK	NV	10	-22.10	-0.026	PASS
Band5	10	20600	50	#0	QPSK	NV	20	-29.17	-0.035	PASS
Band5	10	20600	50	#0	QPSK	NV	30	-38.39	-0.045	PASS
Band5	10	20600	50	#0	QPSK	NV	40	-46.23	-0.055	PASS
Band5	10	20600	50	#0	QPSK	NV	50	-0.84	-0.001	PASS
Band5	10	20600	50	#0	16QAM	NV	-30	-11.06	-0.013	PASS
Band5	10	20600	50	#0	16QAM	NV	-20	-12.75	-0.015	PASS
Band5	10	20600	50	#0	16QAM	NV	0	-12.92	-0.015	PASS
Band5	10	20600	50	#0	16QAM	NV	10	-13.88	-0.016	PASS

Report No.: \${Report number}_Appendix LTE Band 5

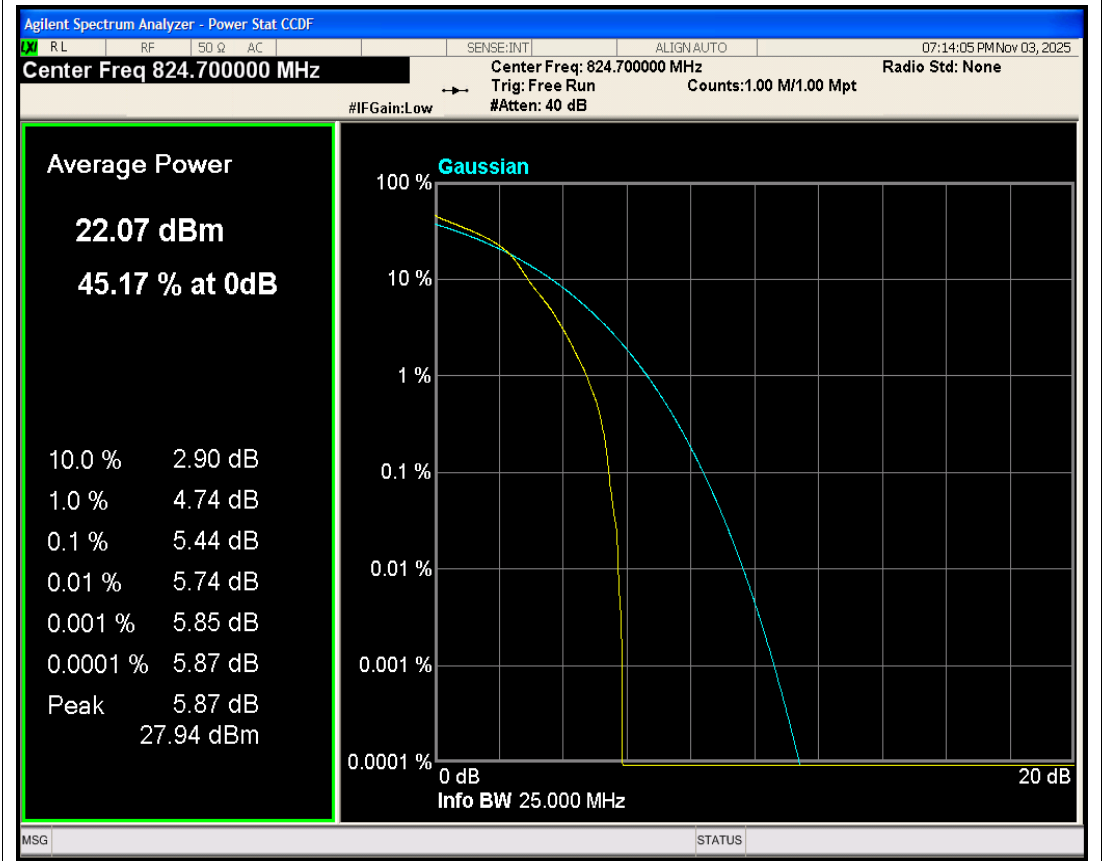
Band5	10	20600	50	#0	16QAM	NV	20	-14.19	-0.017	PASS
Band5	10	20600	50	#0	16QAM	NV	30	-13.09	-0.016	PASS
Band5	10	20600	50	#0	16QAM	NV	40	-12.04	-0.014	PASS
Band5	10	20600	50	#0	16QAM	NV	50	-12.53	-0.015	PASS

Appendix 3. Peak-to-Average Ratio

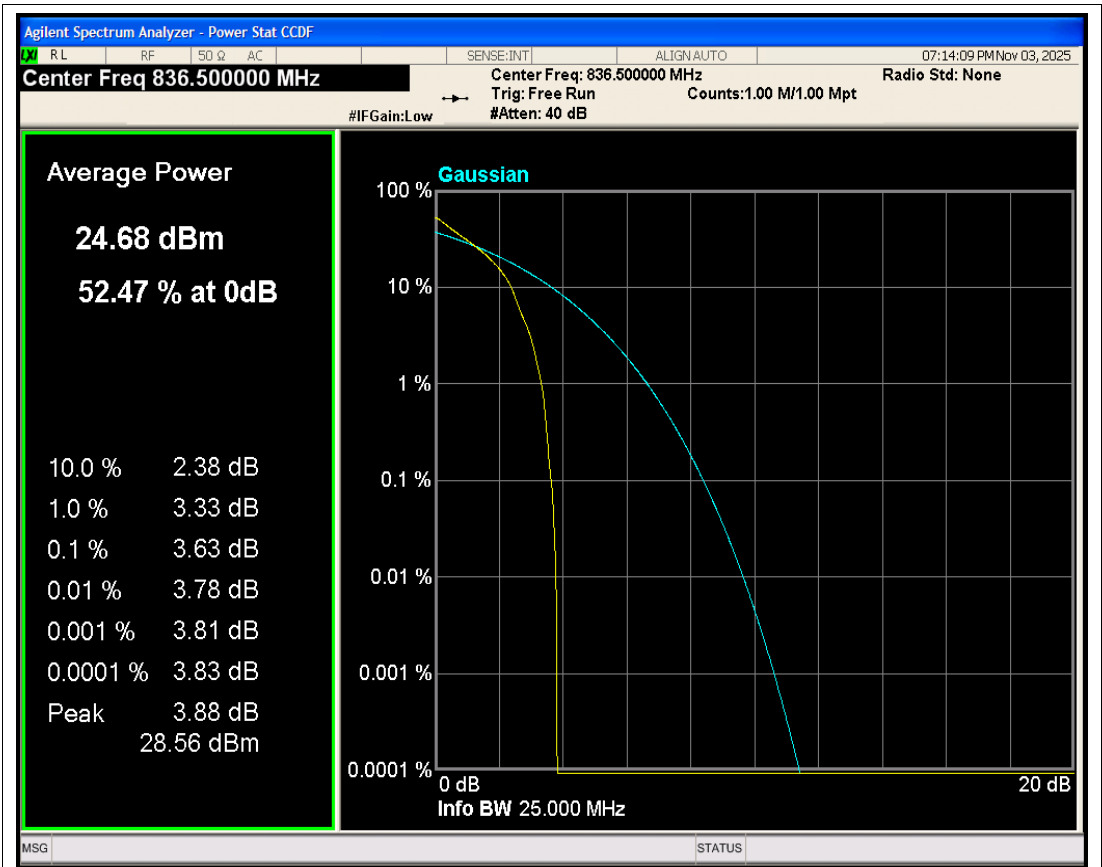
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result (dB)</i>	<i>high Limit (dB)</i>	<i>Verdict</i>
Band5	1.4	20407	1	#0	QPSK	5.15	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.44	13	PASS
Band5	1.4	20525	1	#0	QPSK	3.63	13	PASS
Band5	1.4	20525	1	#0	16QAM	3.78	13	PASS
Band5	1.4	20643	1	#0	QPSK	4.81	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.61	13	PASS
Band5	3	20415	1	#0	QPSK	5.17	13	PASS
Band5	3	20415	1	#0	16QAM	6.03	13	PASS
Band5	3	20525	1	#0	QPSK	3.94	13	PASS
Band5	3	20525	1	#0	16QAM	4.10	13	PASS
Band5	3	20635	1	#0	QPSK	5.09	13	PASS
Band5	3	20635	1	#0	16QAM	5.71	13	PASS
Band5	5	20425	1	#0	QPSK	5.33	13	PASS
Band5	5	20425	1	#0	16QAM	5.84	13	PASS
Band5	5	20525	1	#0	QPSK	4.29	13	PASS
Band5	5	20525	1	#0	16QAM	4.81	13	PASS
Band5	5	20625	1	#0	QPSK	5.29	13	PASS
Band5	5	20625	1	#0	16QAM	5.95	13	PASS
Band5	10	20450	1	#0	QPSK	4.94	13	PASS
Band5	10	20450	1	#0	16QAM	5.57	13	PASS
Band5	10	20525	1	#0	QPSK	4.23	13	PASS
Band5	10	20525	1	#0	16QAM	4.85	13	PASS
Band5	10	20600	1	#0	QPSK	2.99	13	PASS
Band5	10	20600	1	#0	16QAM	3.74	13	PASS



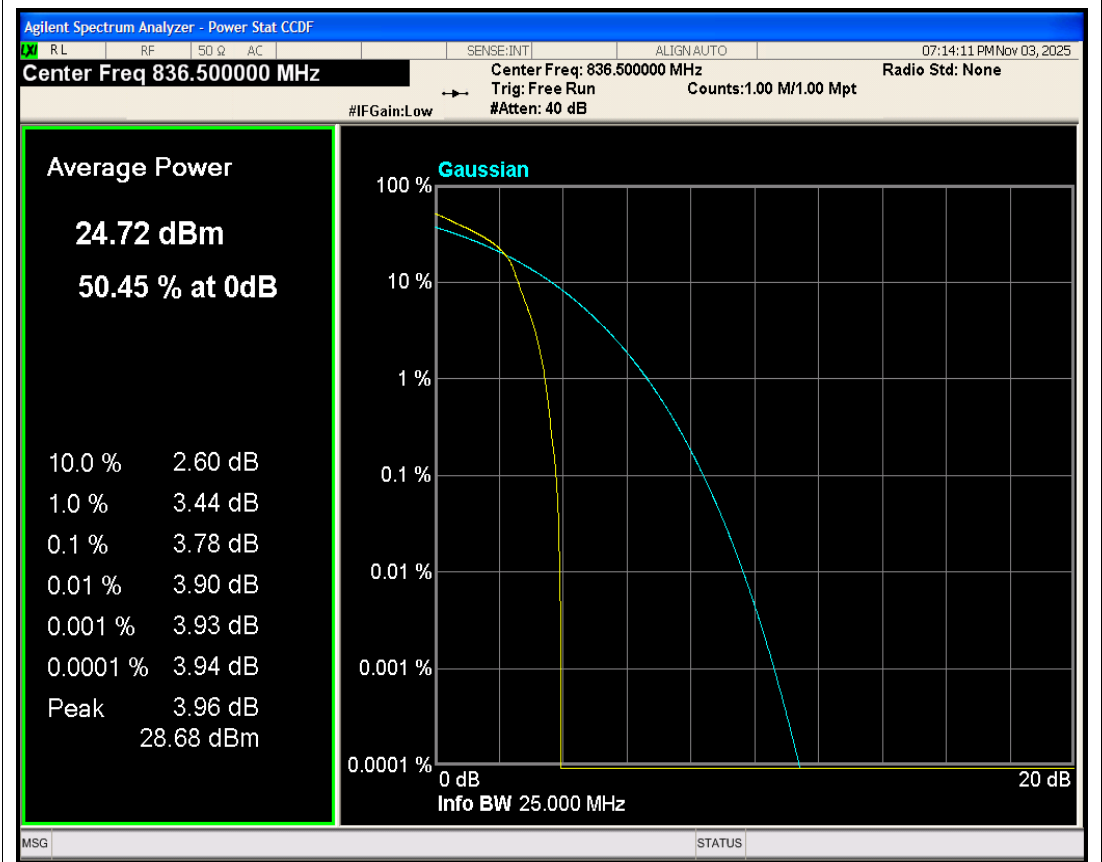
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



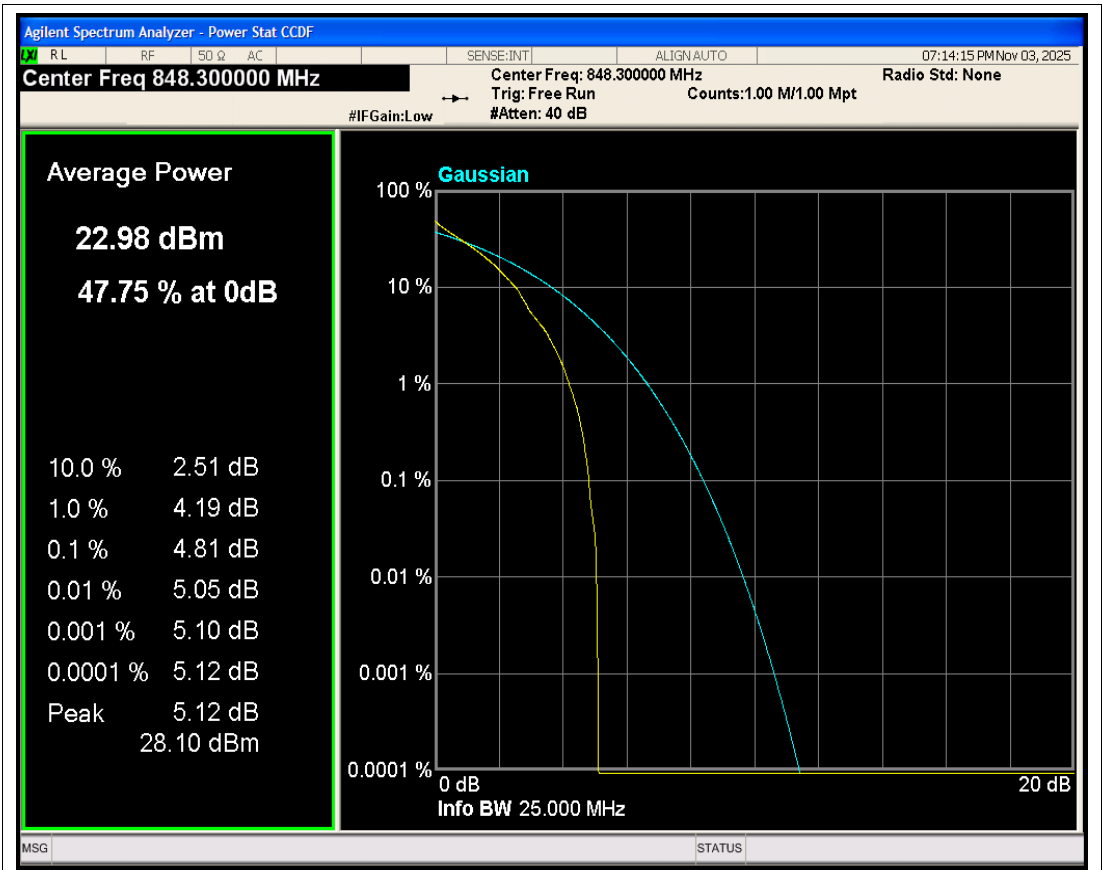
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



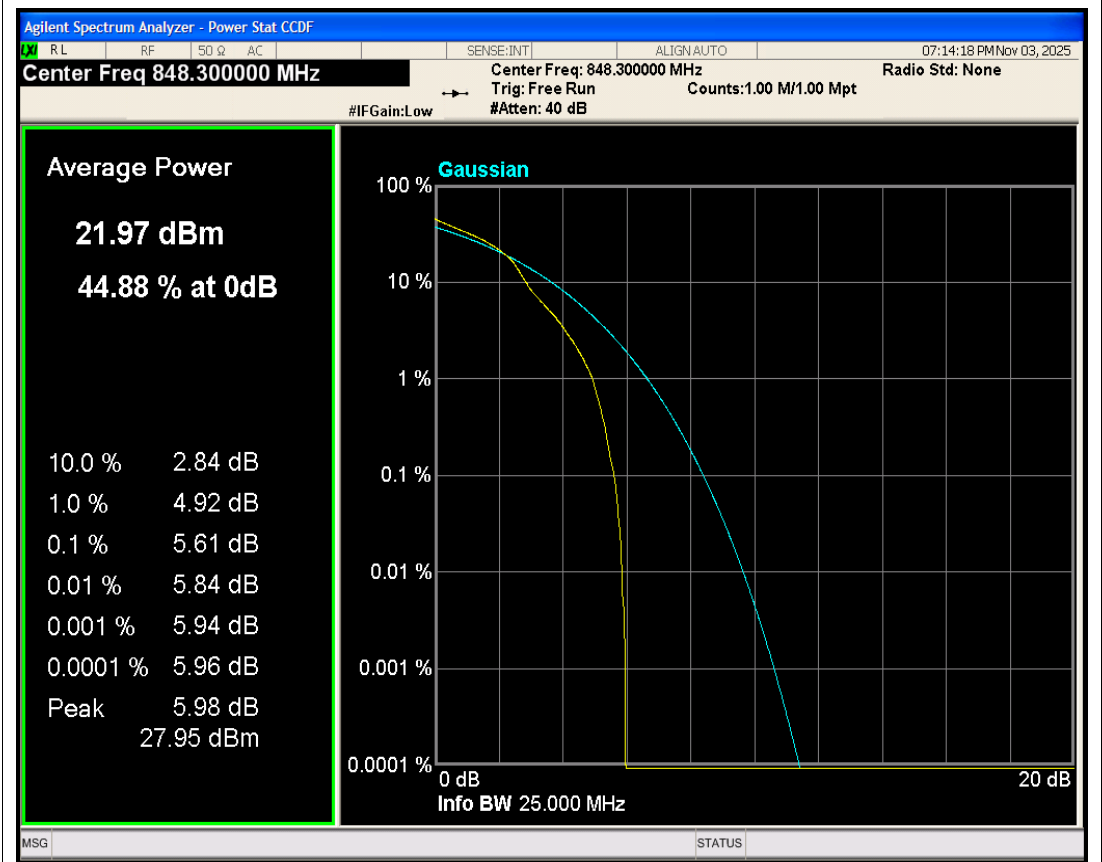
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



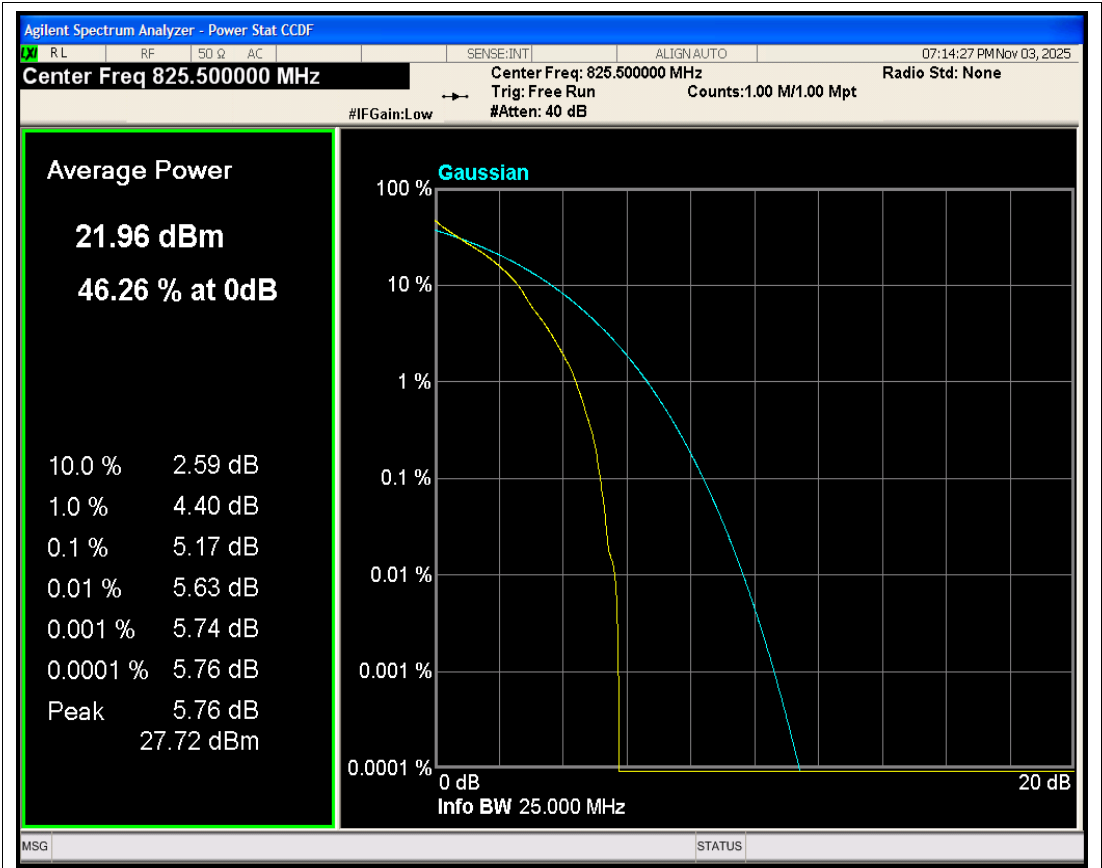
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



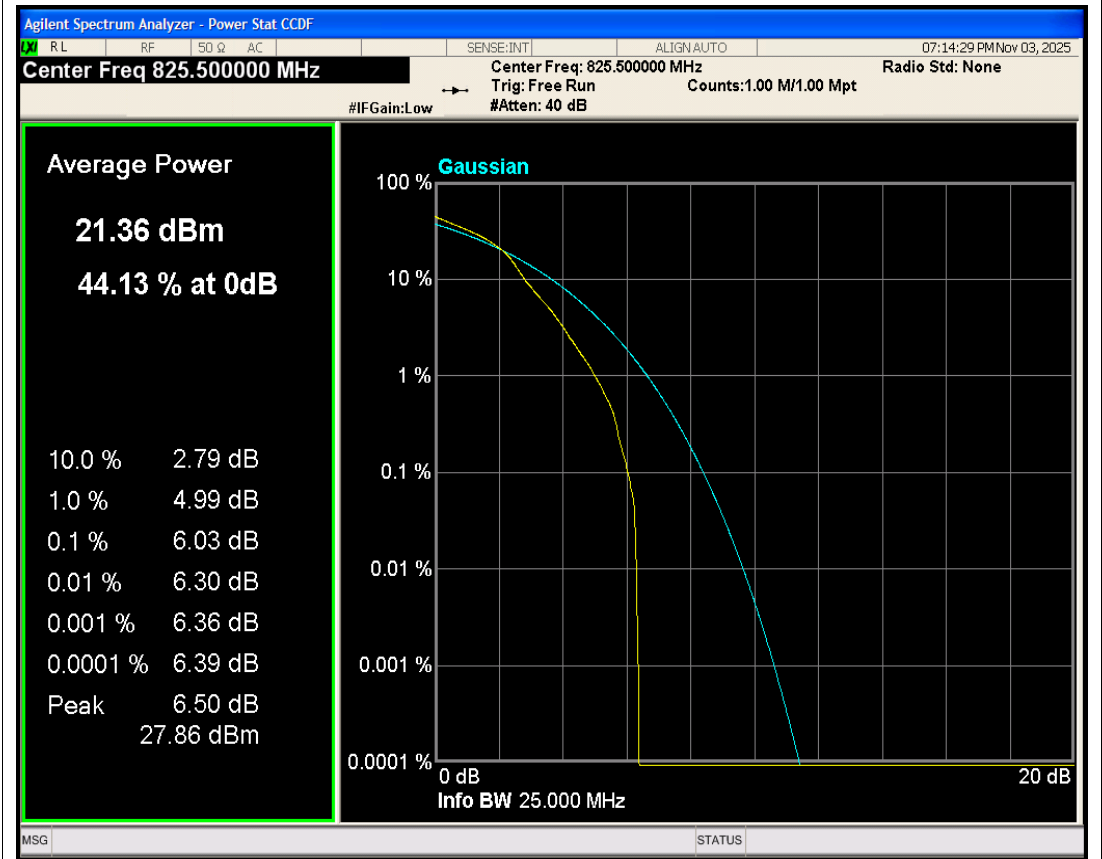
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



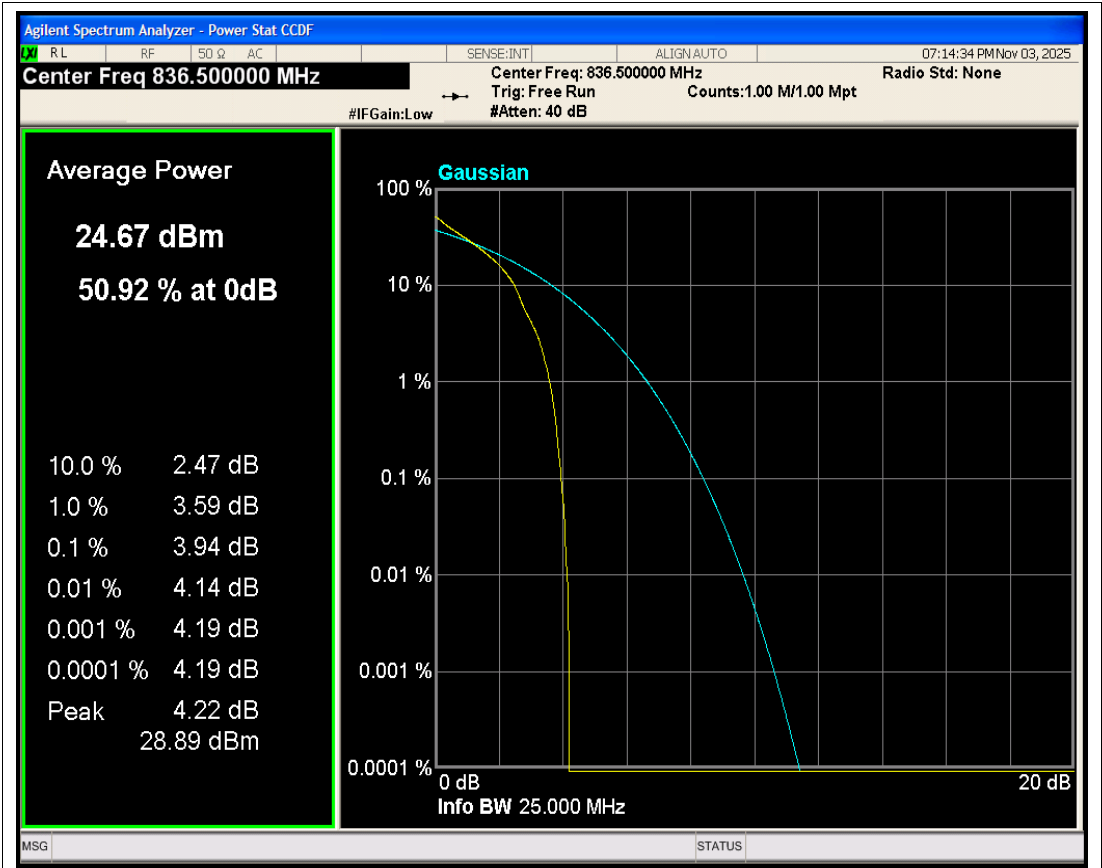
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



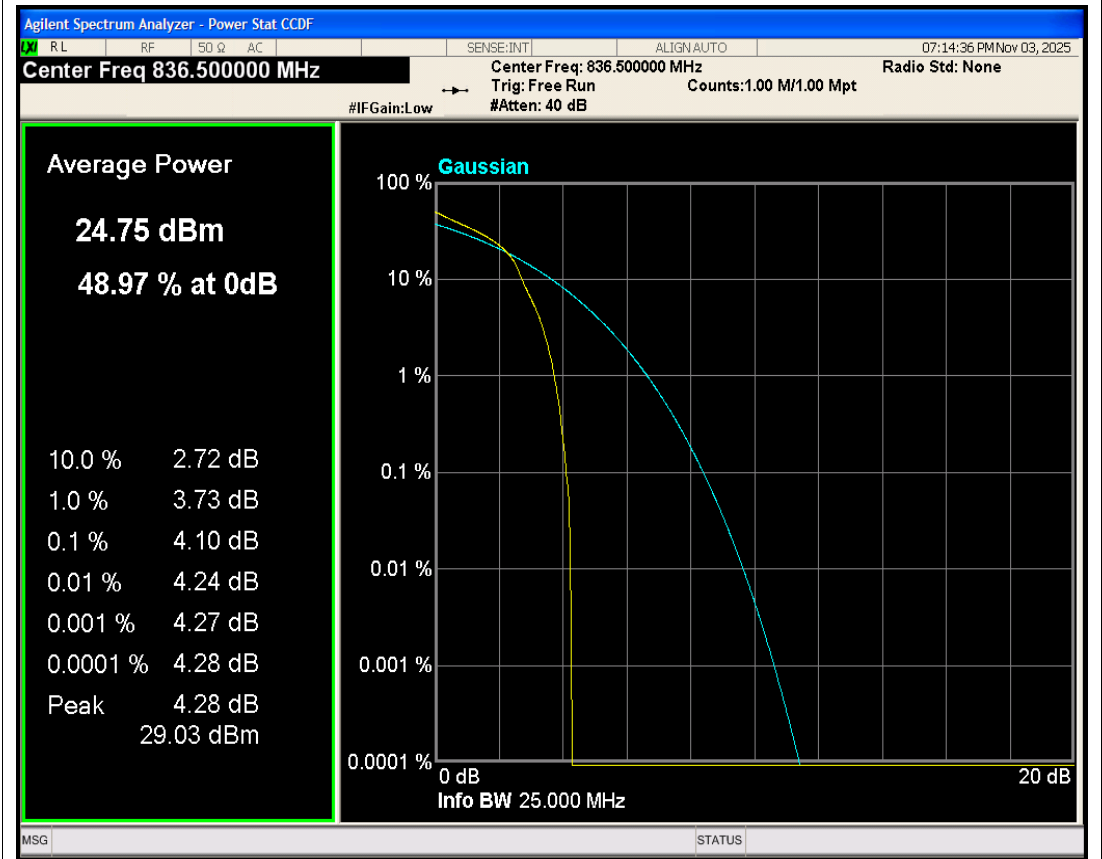
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



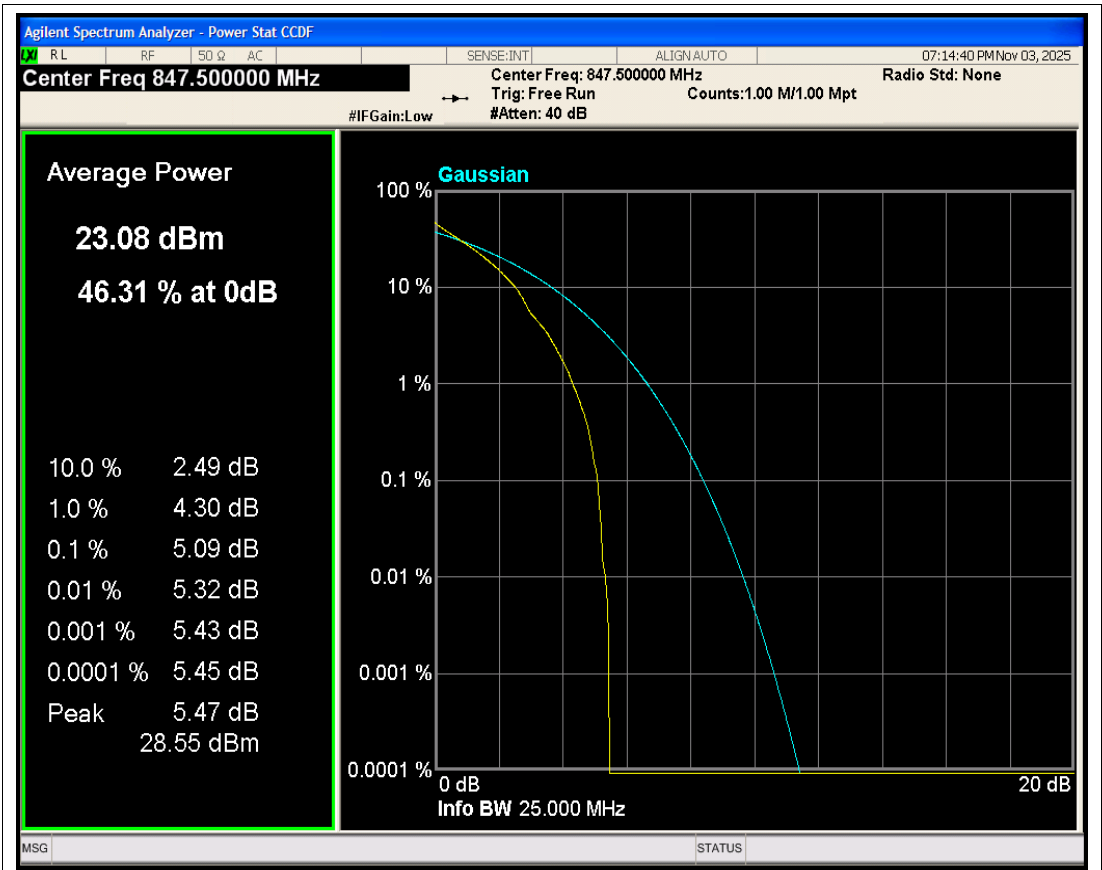
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



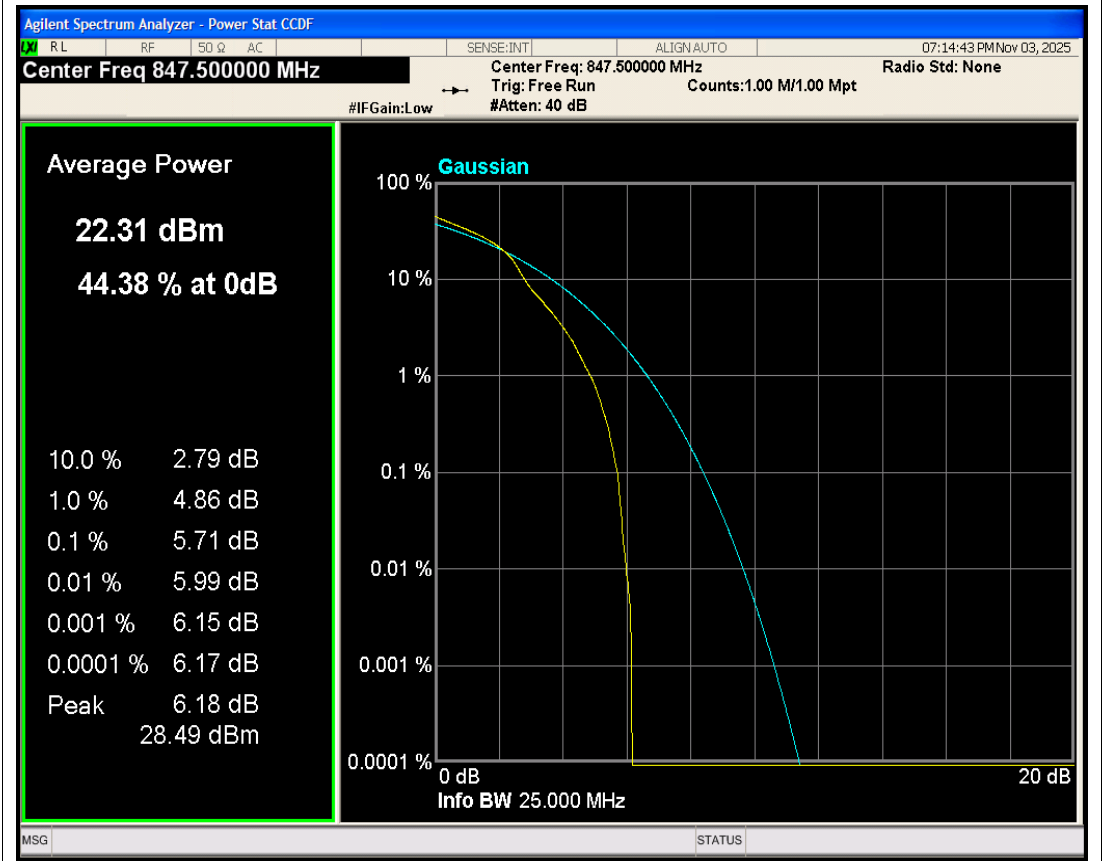
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



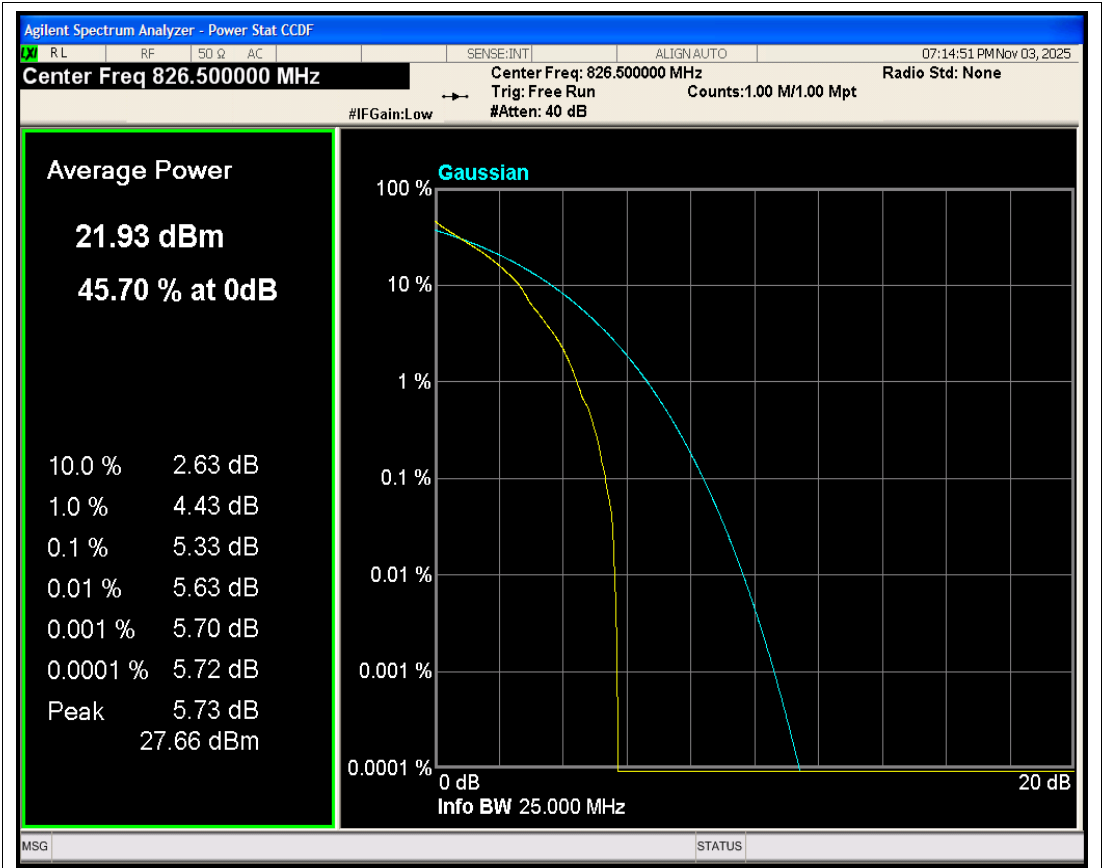
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



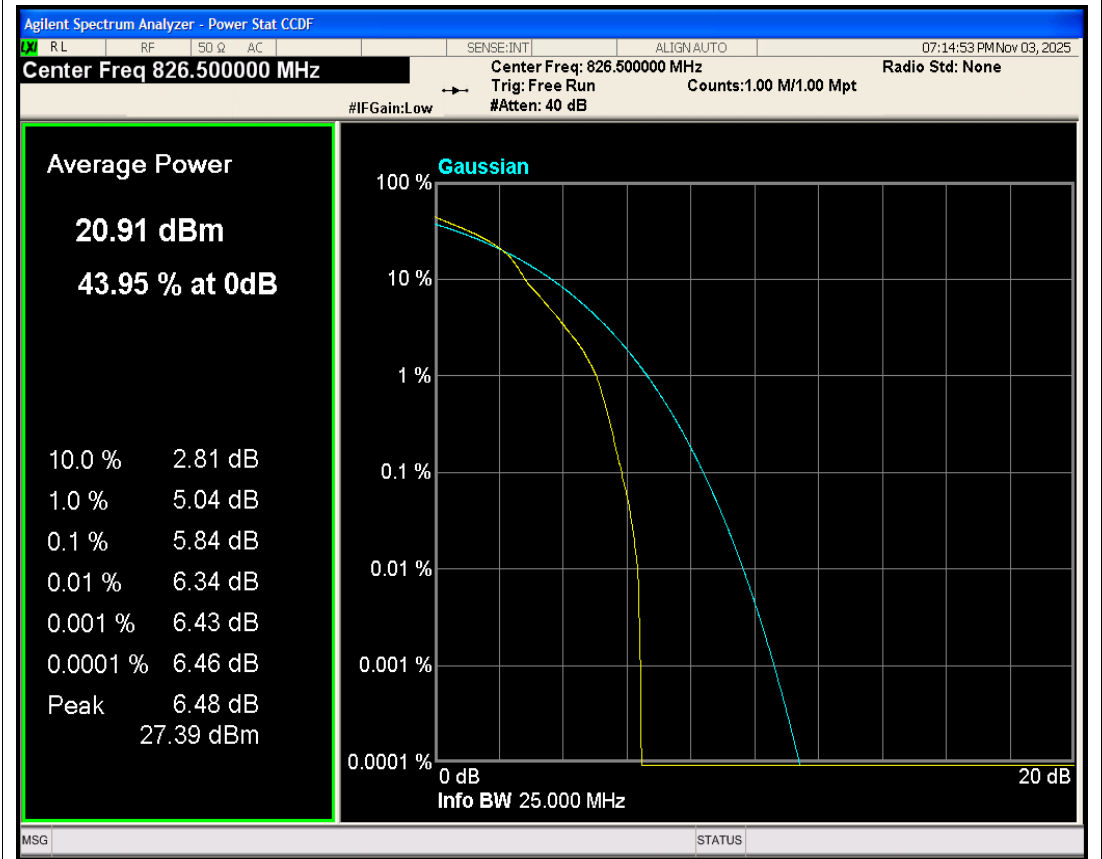
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



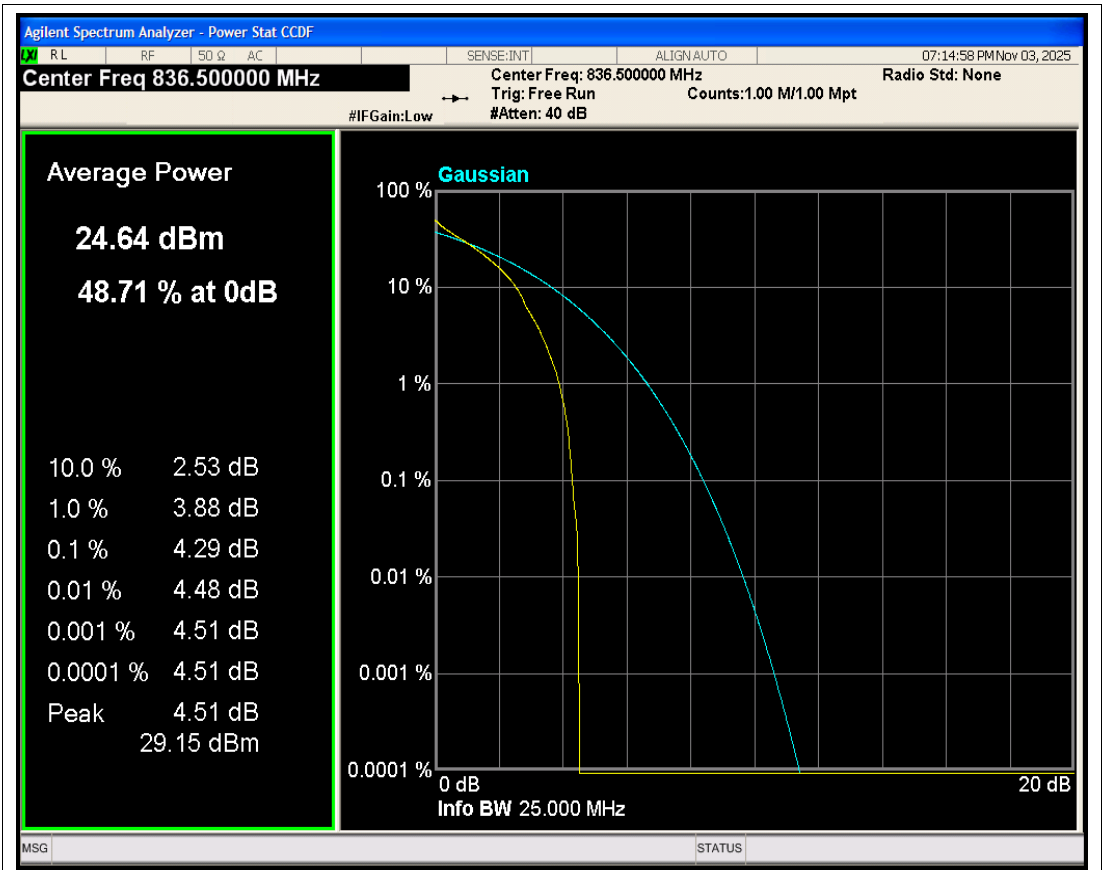
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



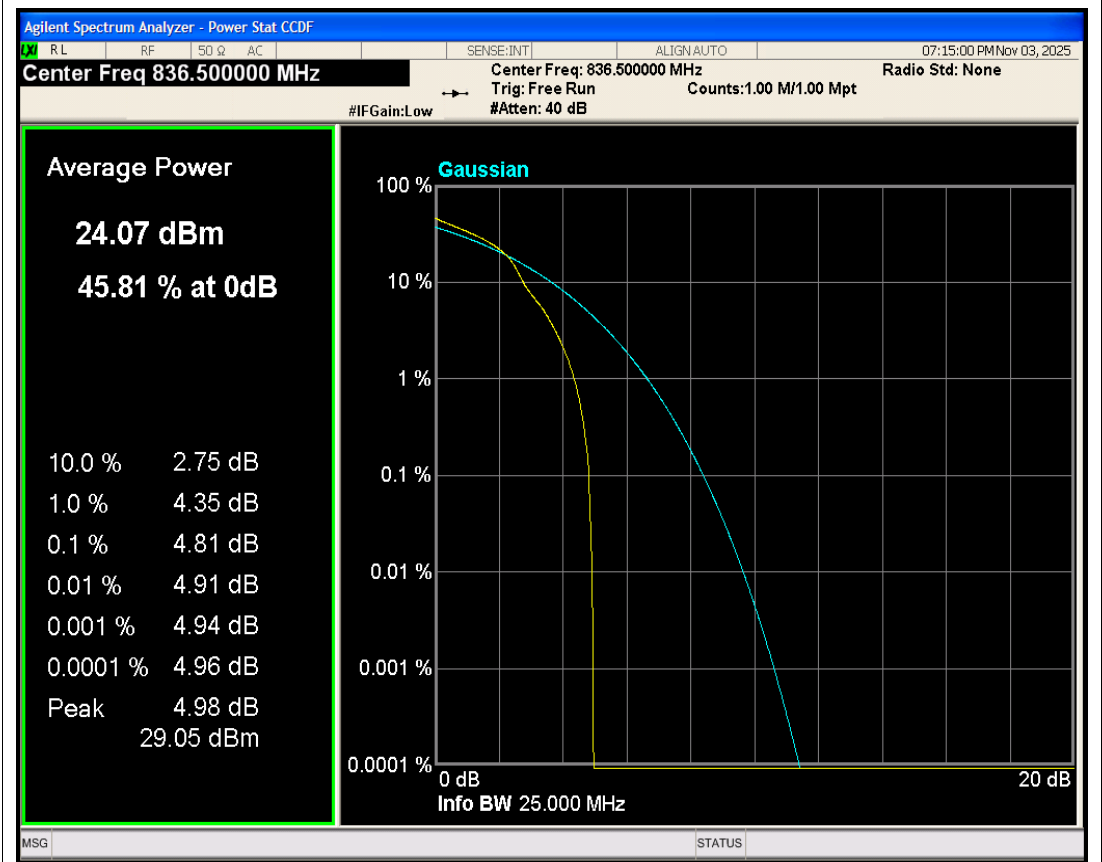
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



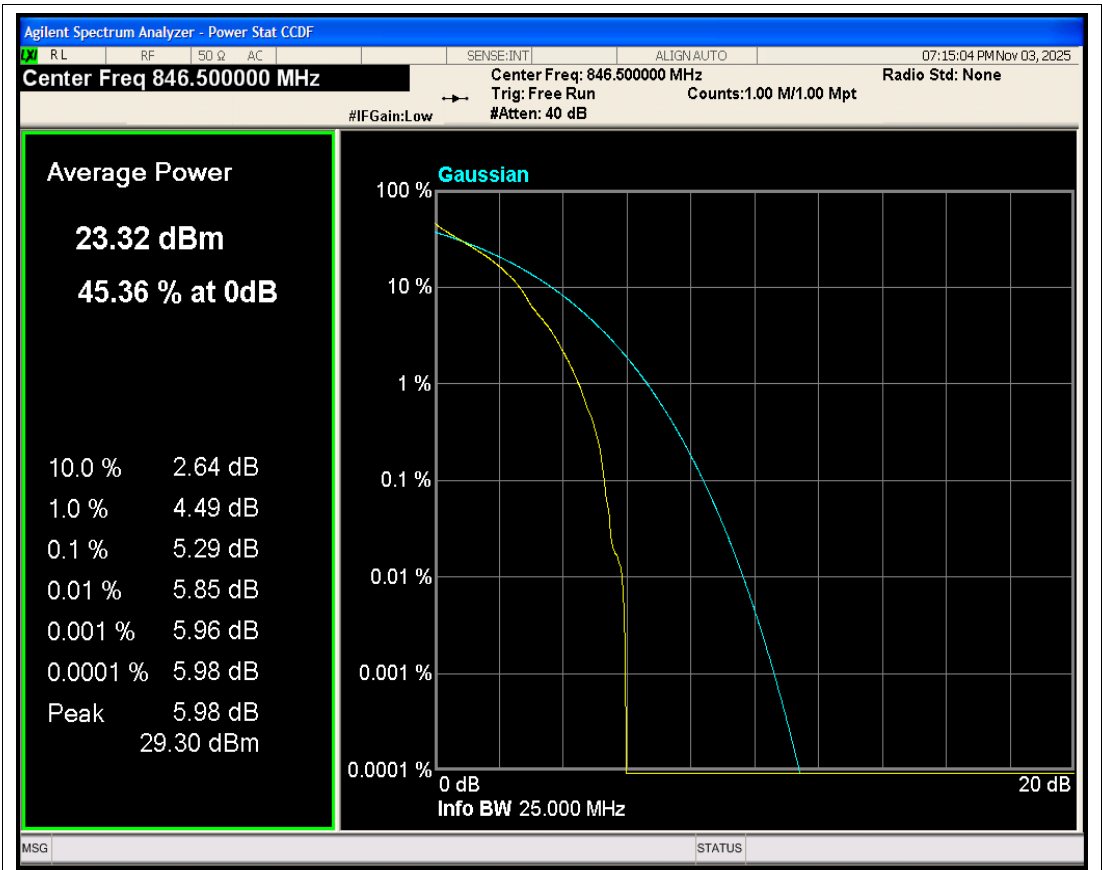
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



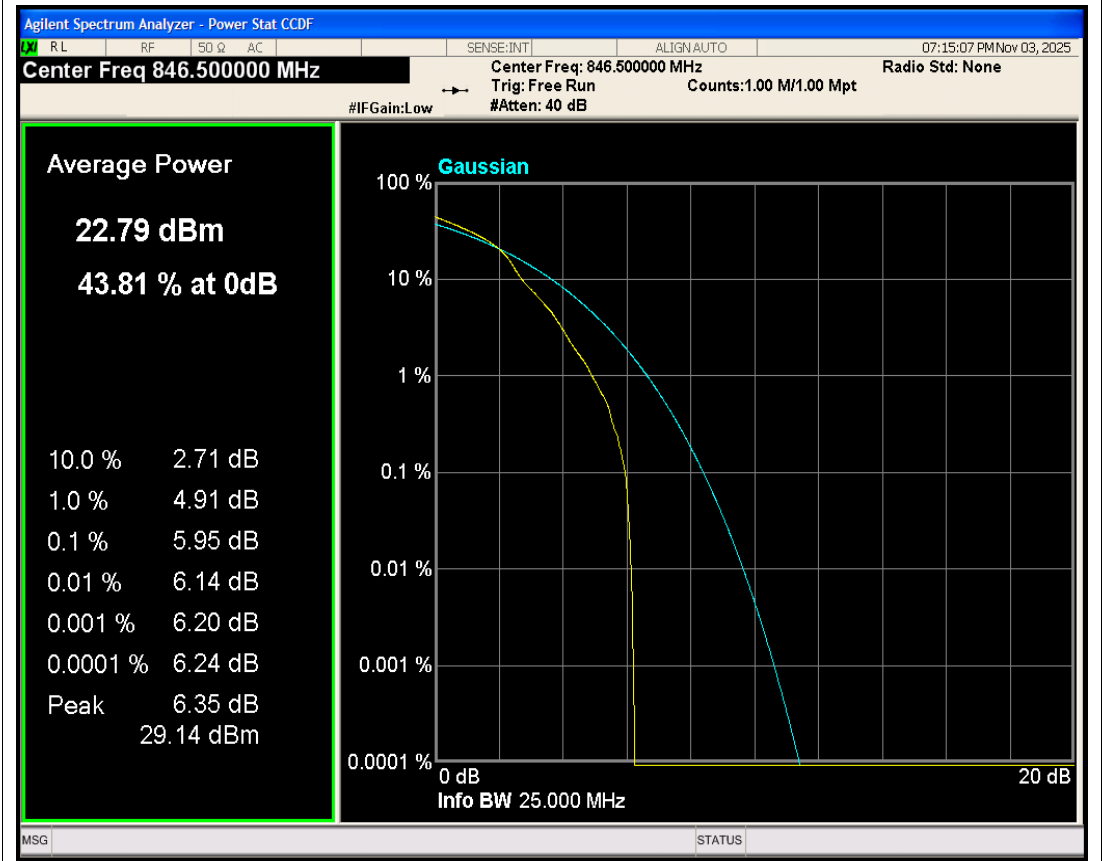
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



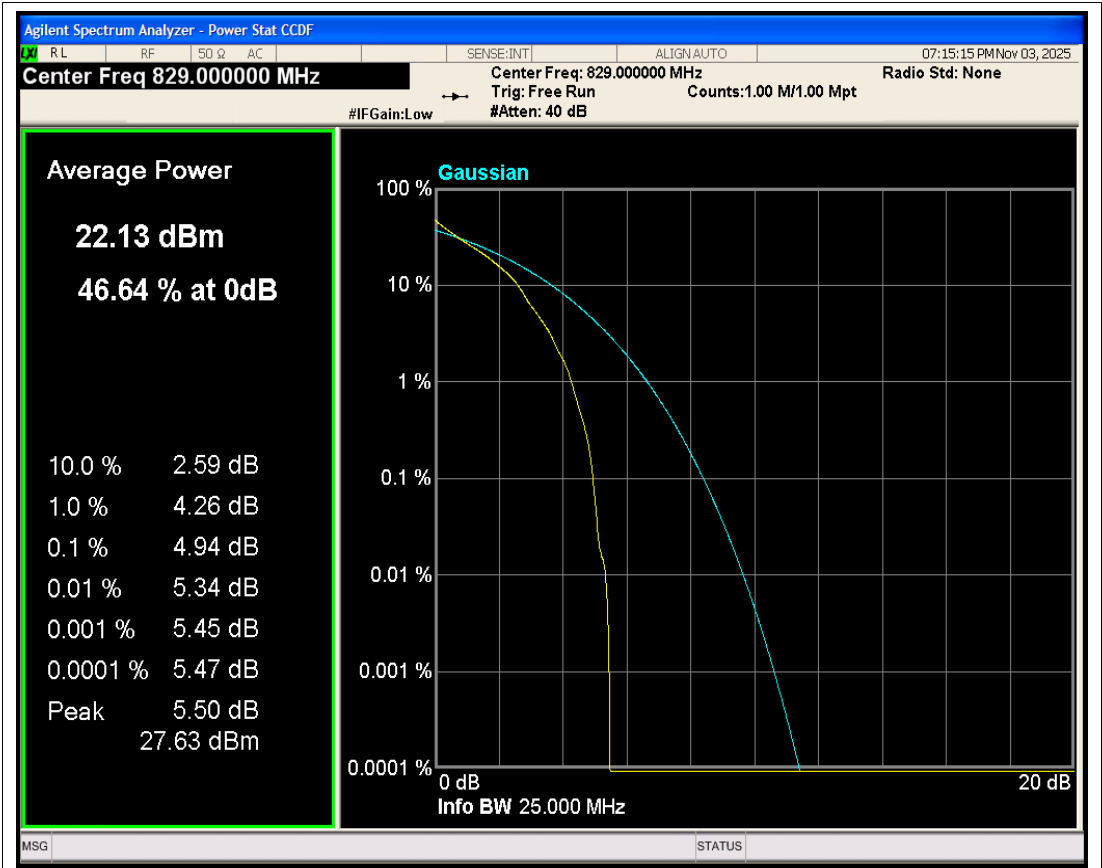
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



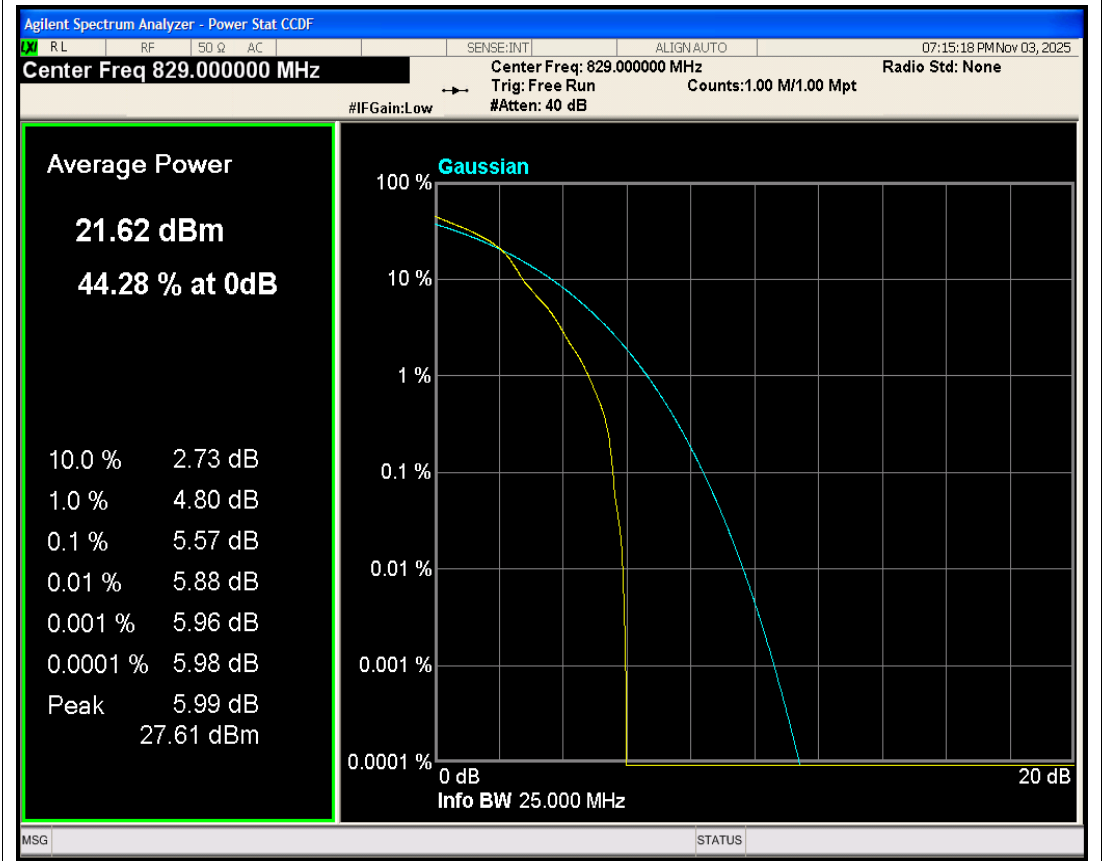
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



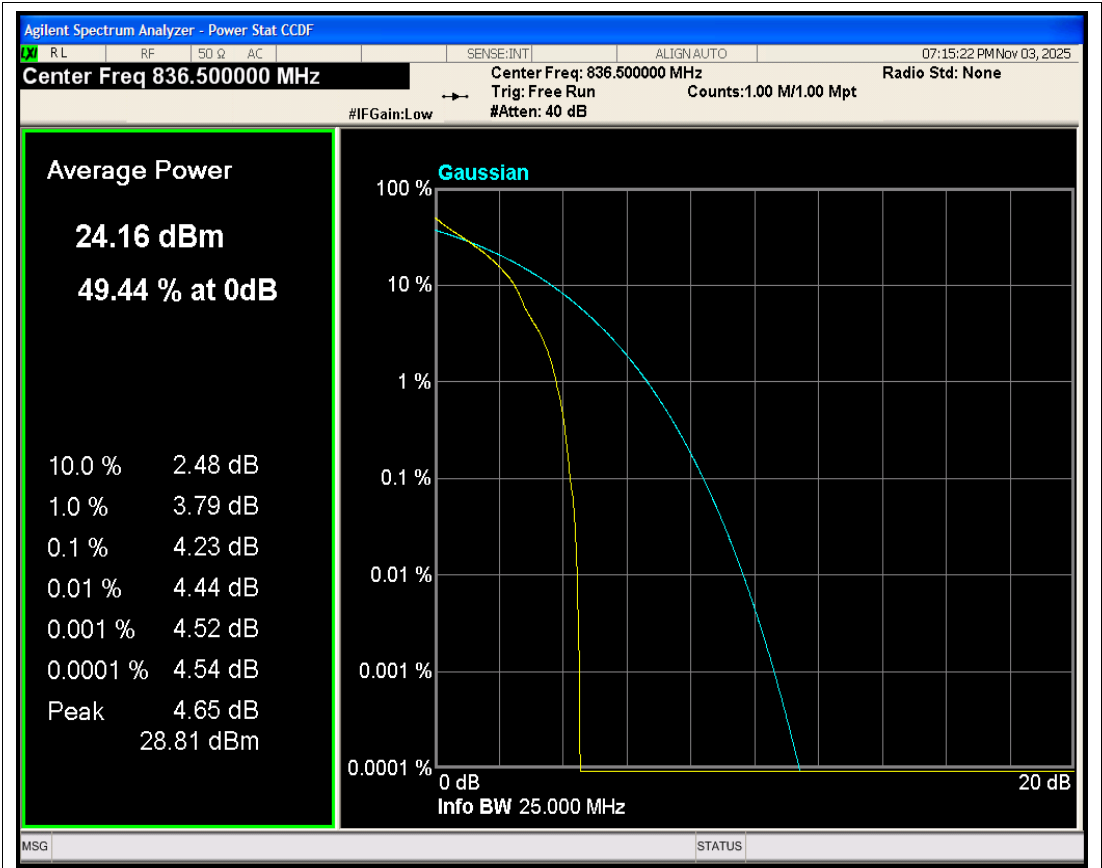
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



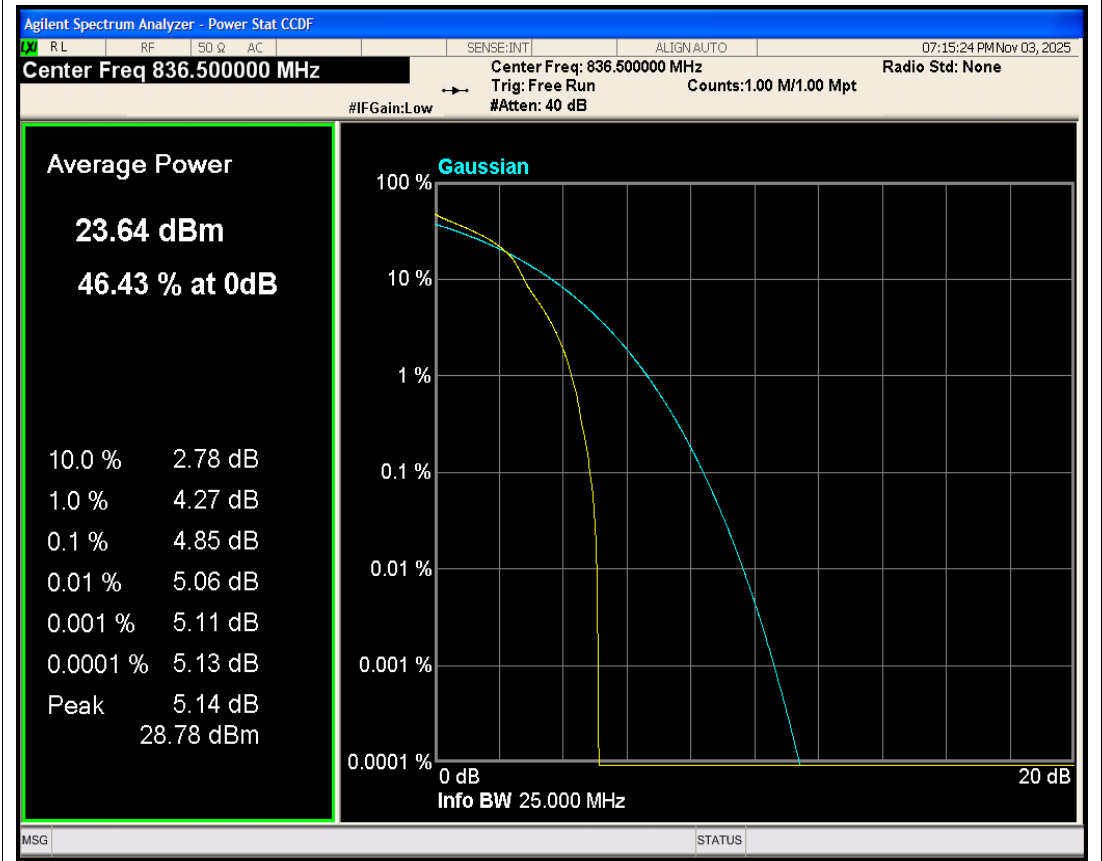
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



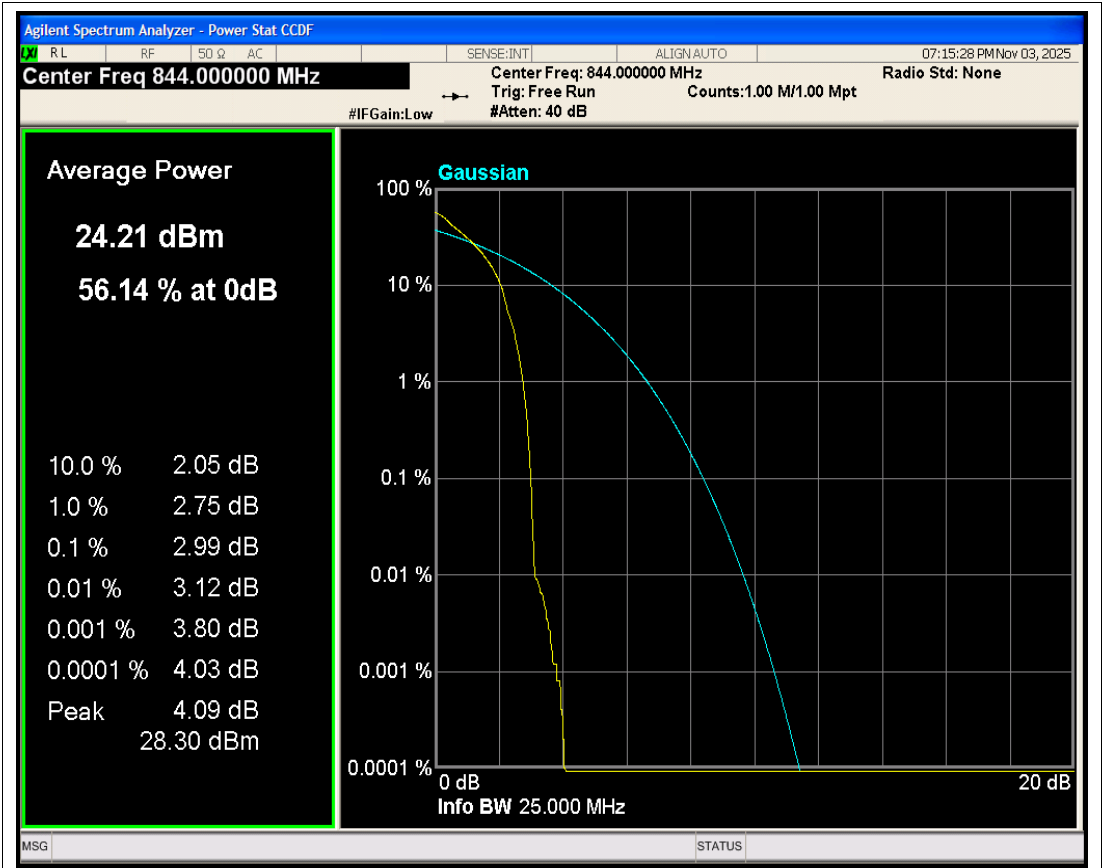
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



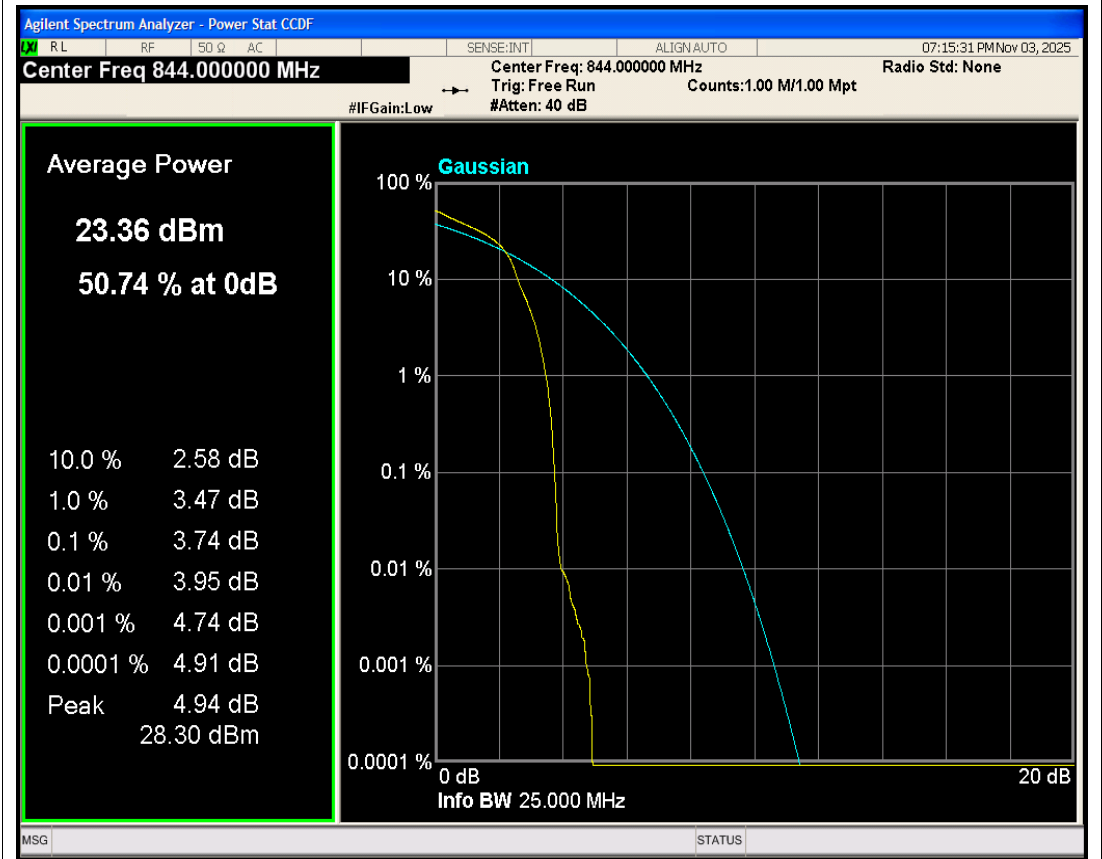
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



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



Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0

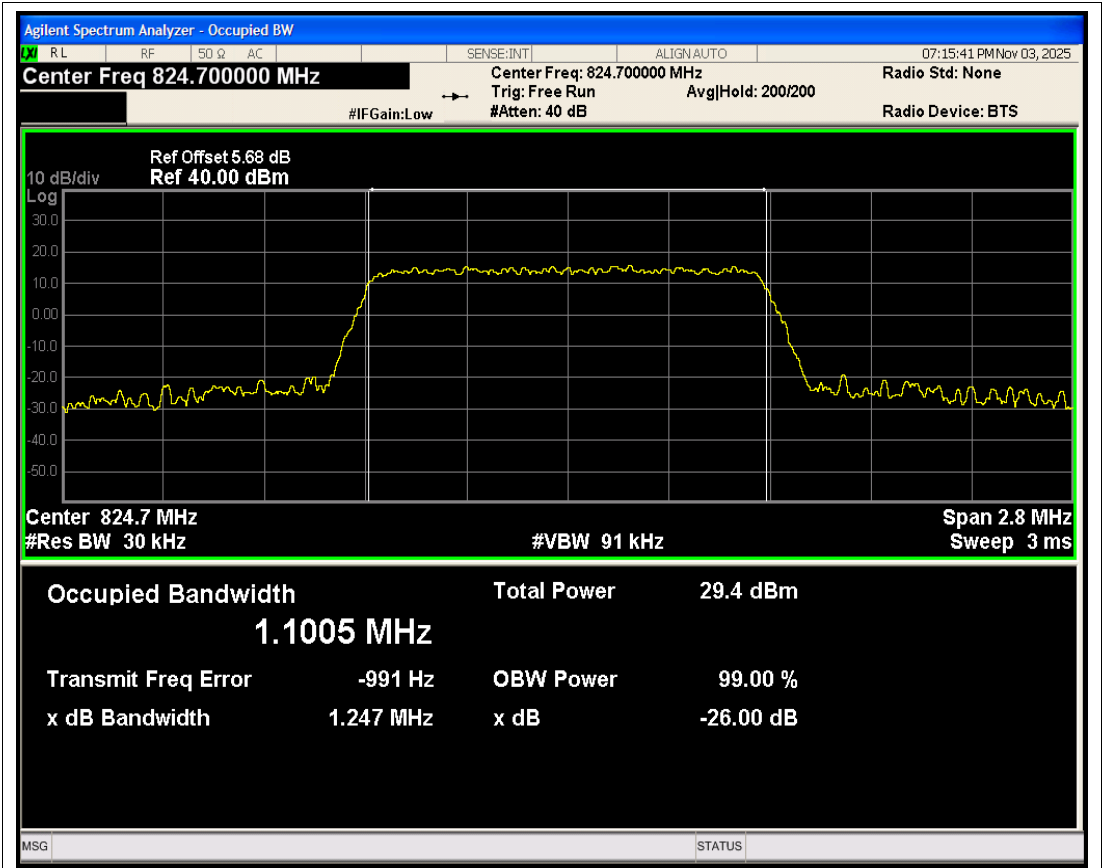


Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0

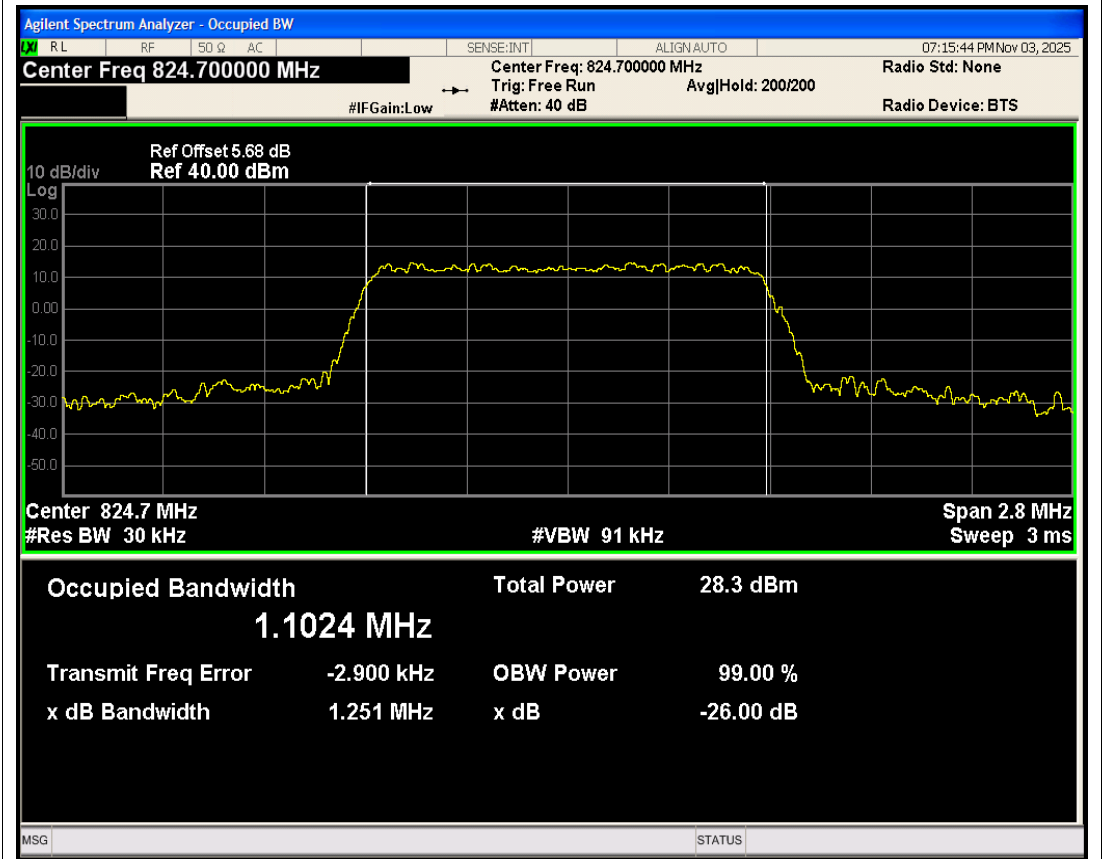
Report No.: \${Report number}_Appendix LTE Band 5

Appendix 4.Occupied bandwidth

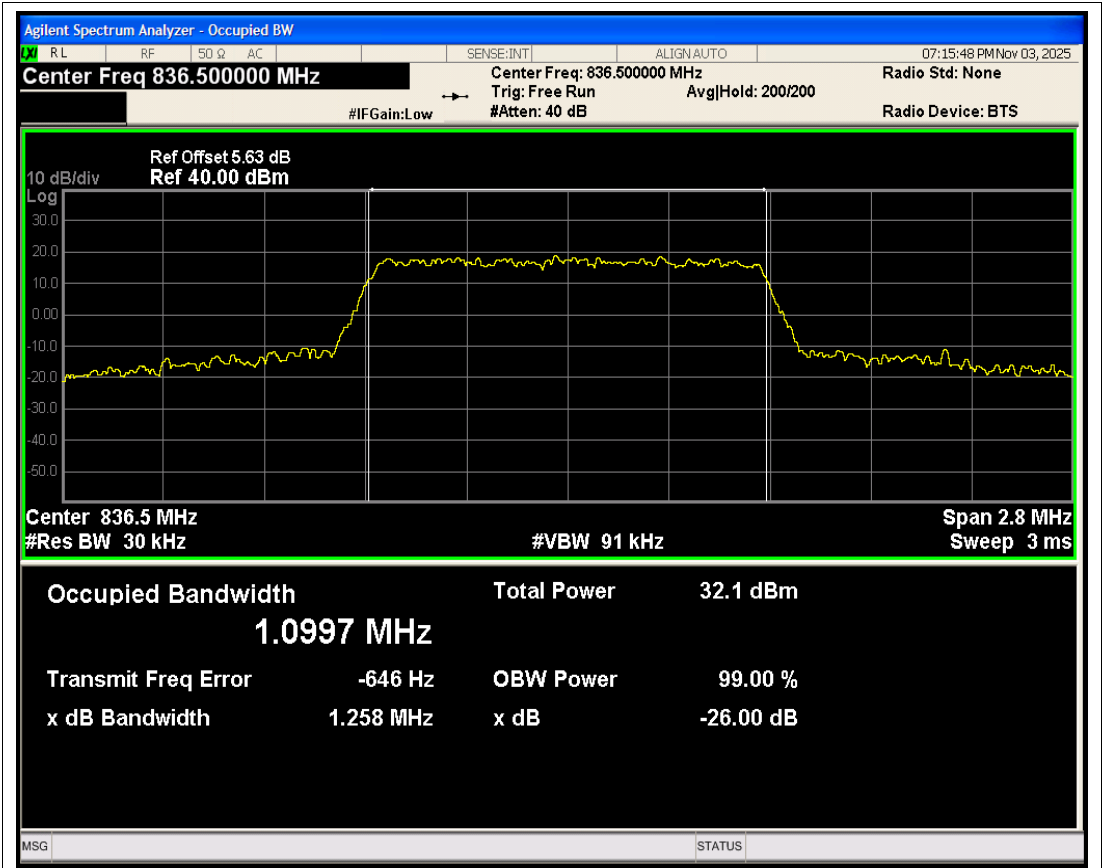
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>99% OBW (MHz)</i>	<i>-26dB EBW (MHz)</i>	<i>Verdict</i>
Band5	1.4	20407	6	#0	QPSK	1.101	1.247	PASS
Band5	1.4	20407	6	#0	16QAM	1.102	1.251	PASS
Band5	1.4	20525	6	#0	QPSK	1.100	1.258	PASS
Band5	1.4	20525	6	#0	16QAM	1.098	1.246	PASS
Band5	1.4	20643	6	#0	QPSK	1.103	1.248	PASS
Band5	1.4	20643	6	#0	16QAM	1.101	1.248	PASS
Band5	3	20415	15	#0	QPSK	2.712	3.047	PASS
Band5	3	20415	15	#0	16QAM	2.696	3.034	PASS
Band5	3	20525	15	#0	QPSK	2.701	3.030	PASS
Band5	3	20525	15	#0	16QAM	2.702	3.048	PASS
Band5	3	20635	15	#0	QPSK	2.720	3.061	PASS
Band5	3	20635	15	#0	16QAM	2.727	3.056	PASS
Band5	5	20425	25	#0	QPSK	4.512	4.963	PASS
Band5	5	20425	25	#0	16QAM	4.482	4.929	PASS
Band5	5	20525	25	#0	QPSK	4.515	4.963	PASS
Band5	5	20525	25	#0	16QAM	4.506	4.964	PASS
Band5	5	20625	25	#0	QPSK	4.509	4.952	PASS
Band5	5	20625	25	#0	16QAM	4.501	4.936	PASS
Band5	10	20450	50	#0	QPSK	9.016	9.927	PASS
Band5	10	20450	50	#0	16QAM	8.994	9.765	PASS
Band5	10	20525	50	#0	QPSK	8.977	9.829	PASS
Band5	10	20525	50	#0	16QAM	9.019	9.768	PASS
Band5	10	20600	50	#0	QPSK	8.985	9.857	PASS
Band5	10	20600	50	#0	16QAM	8.975	9.873	PASS



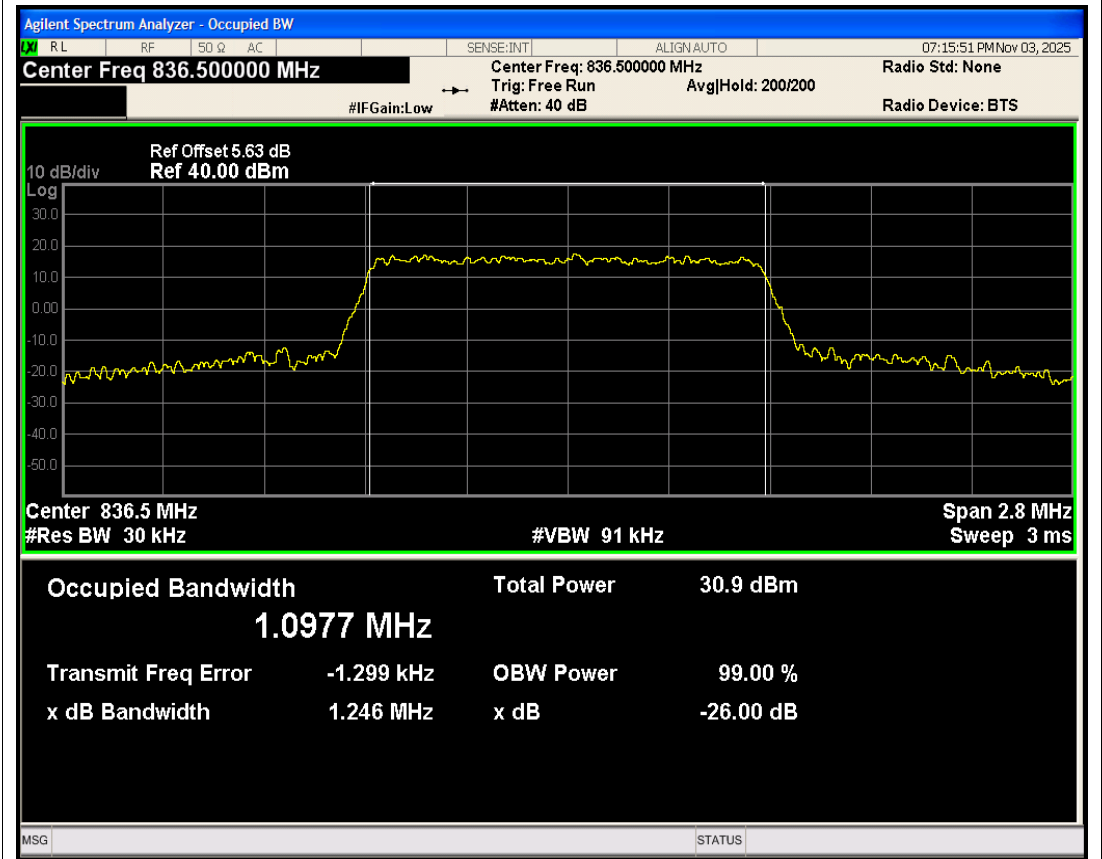
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



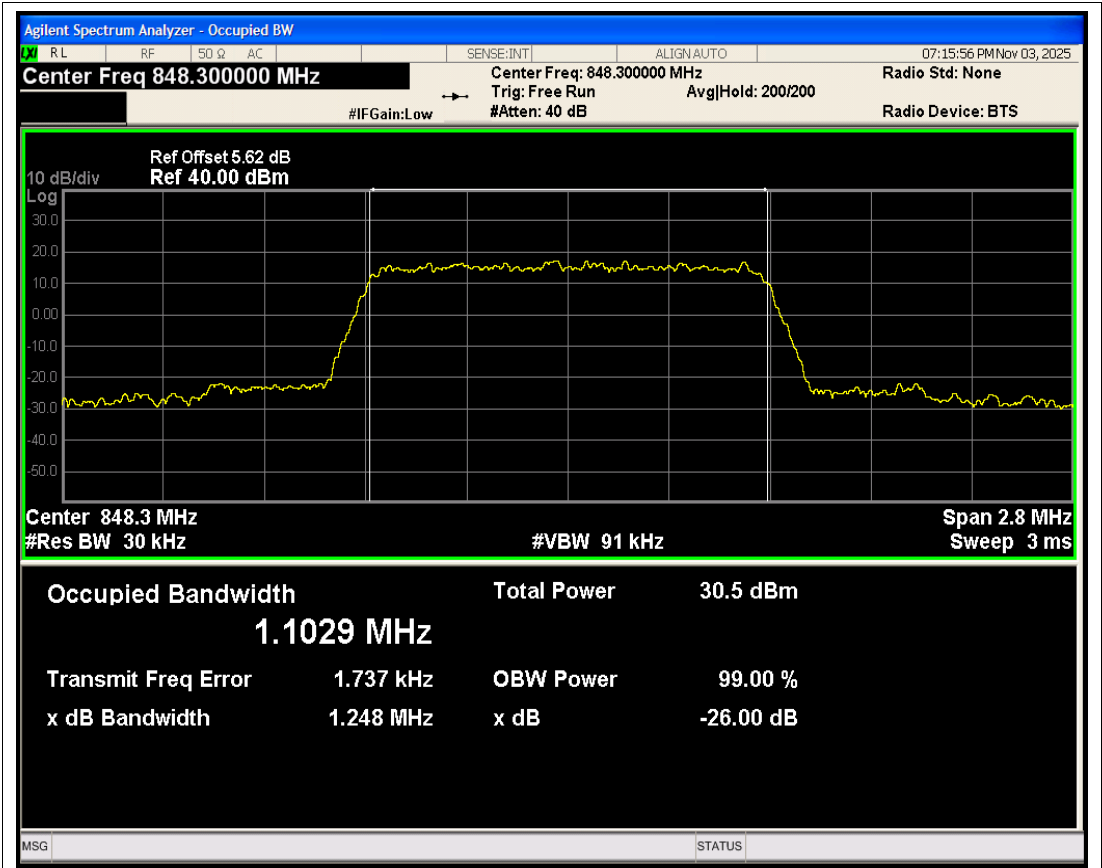
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



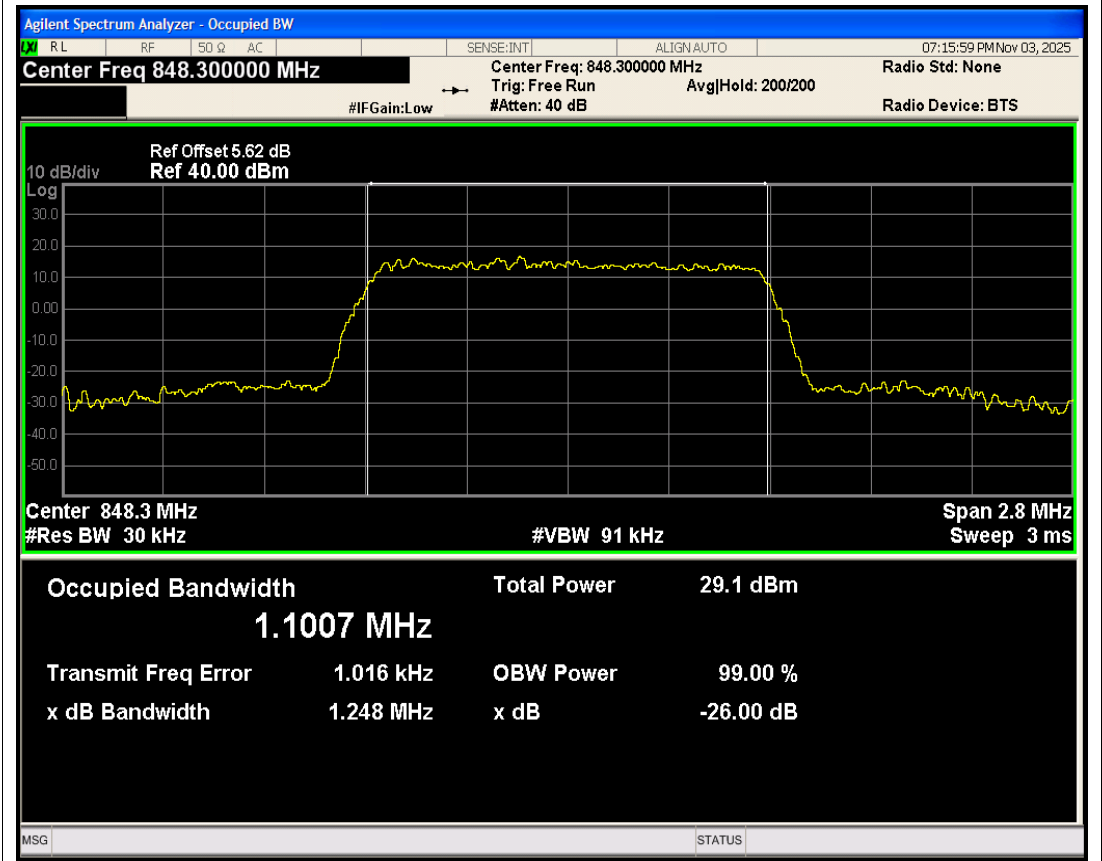
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



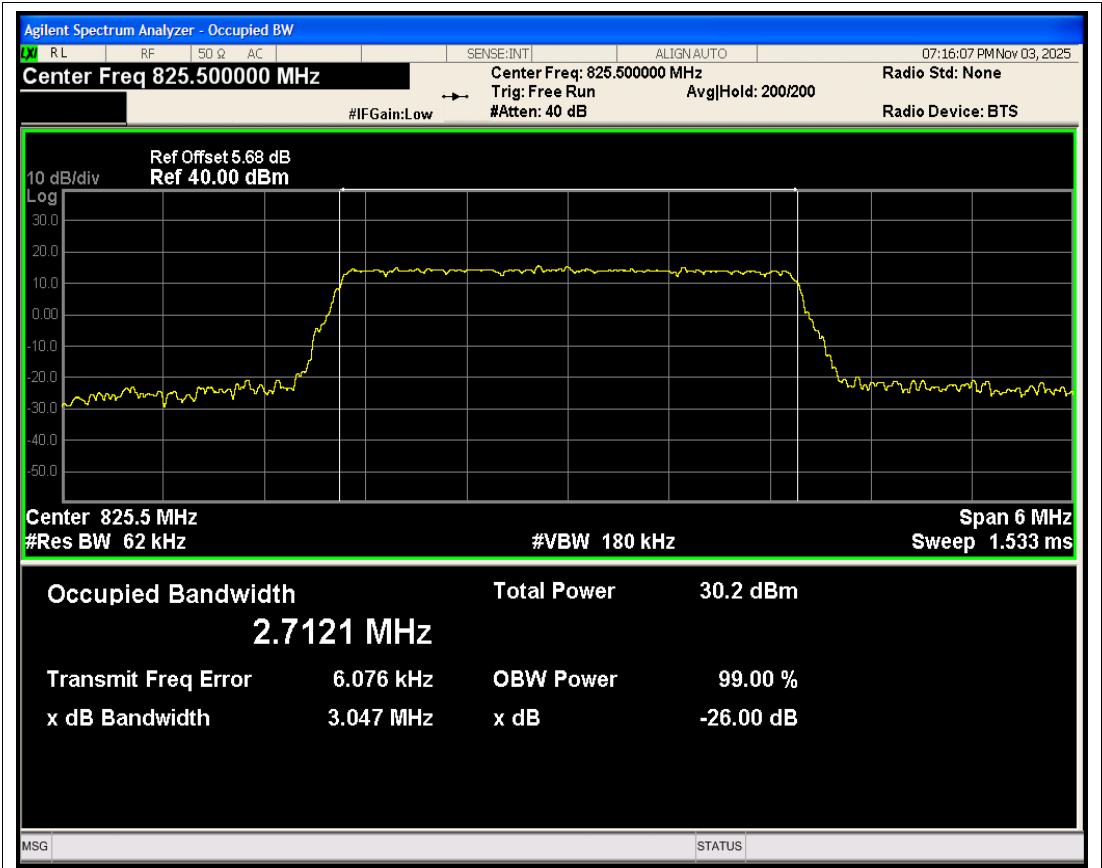
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



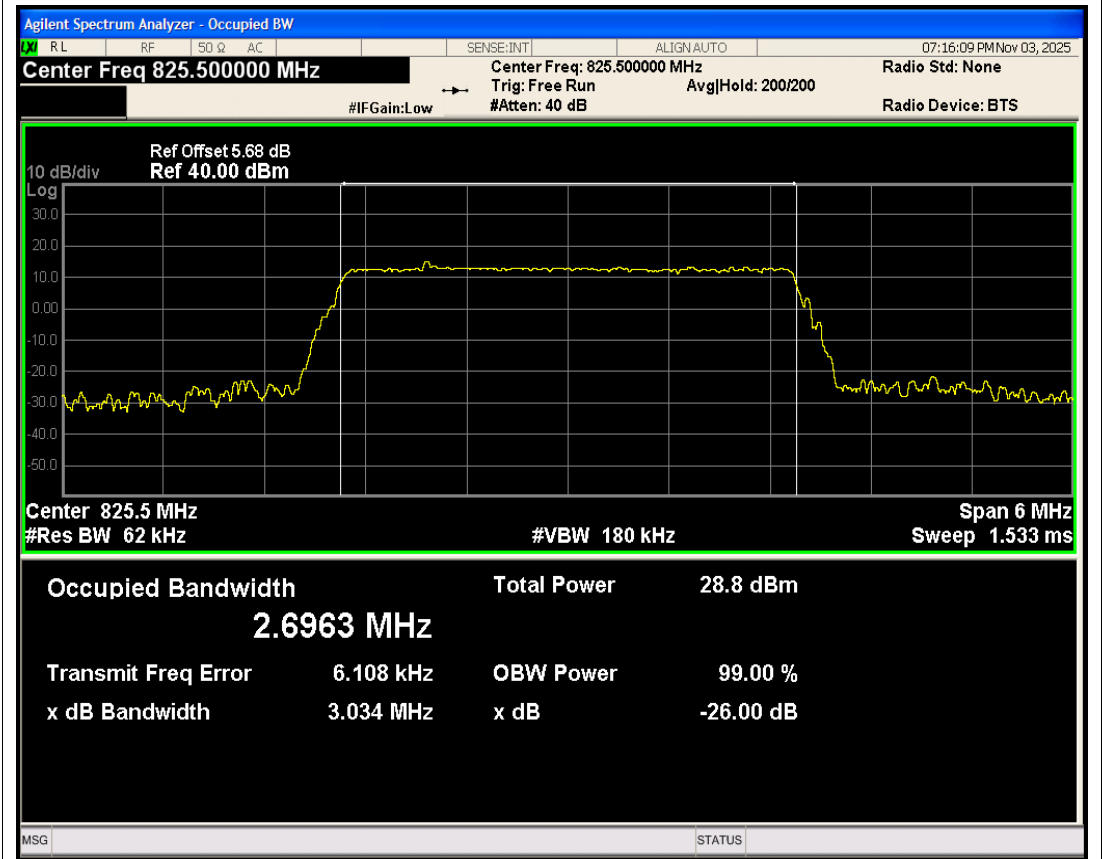
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



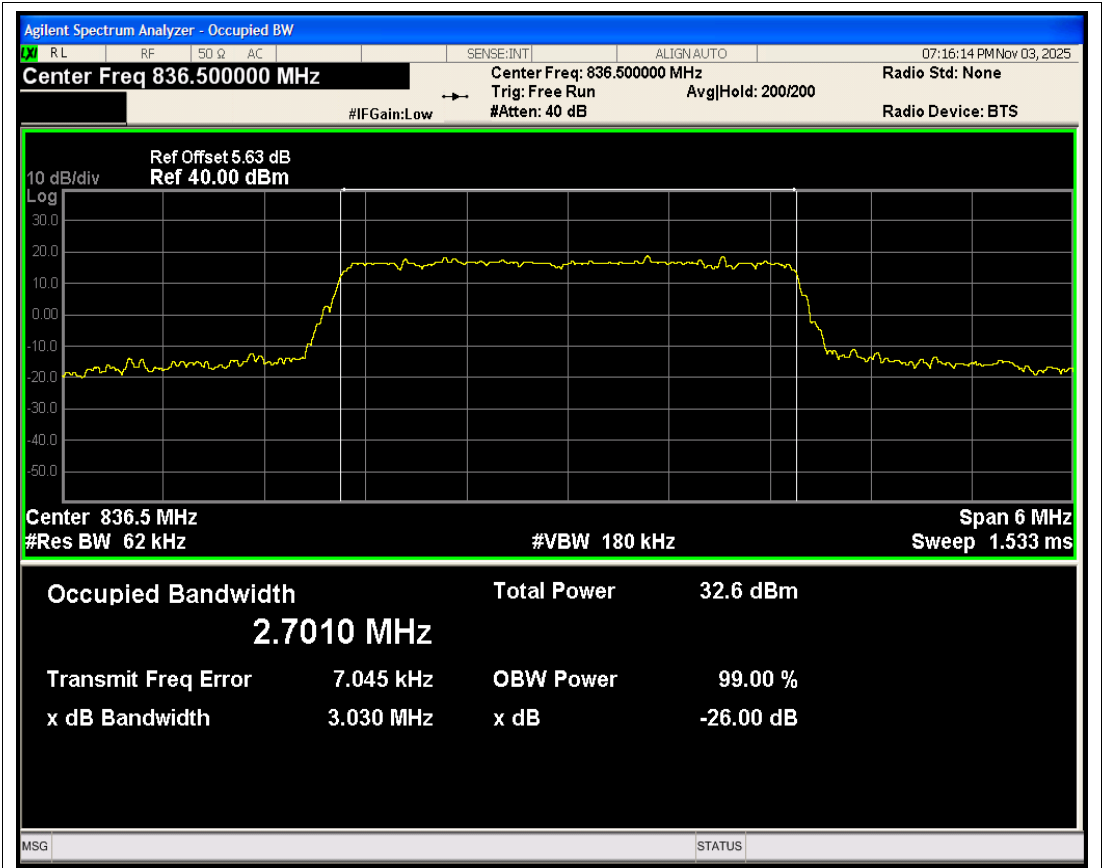
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



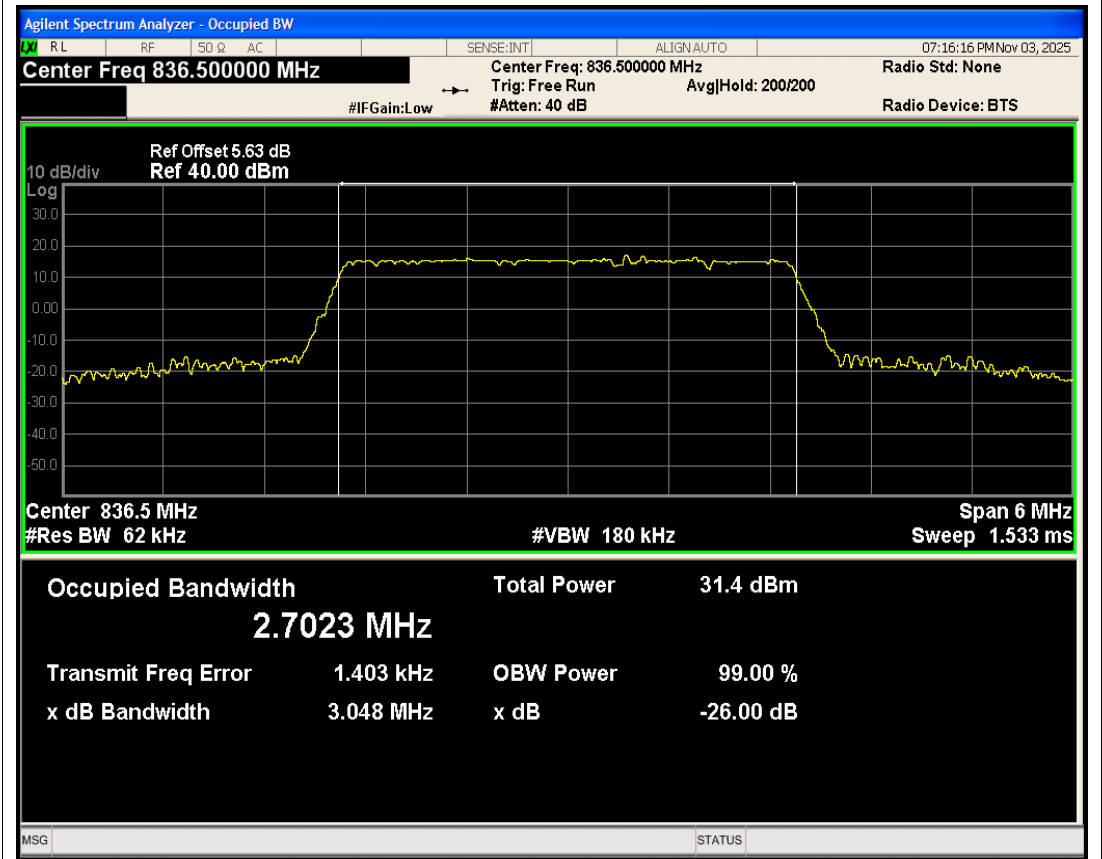
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



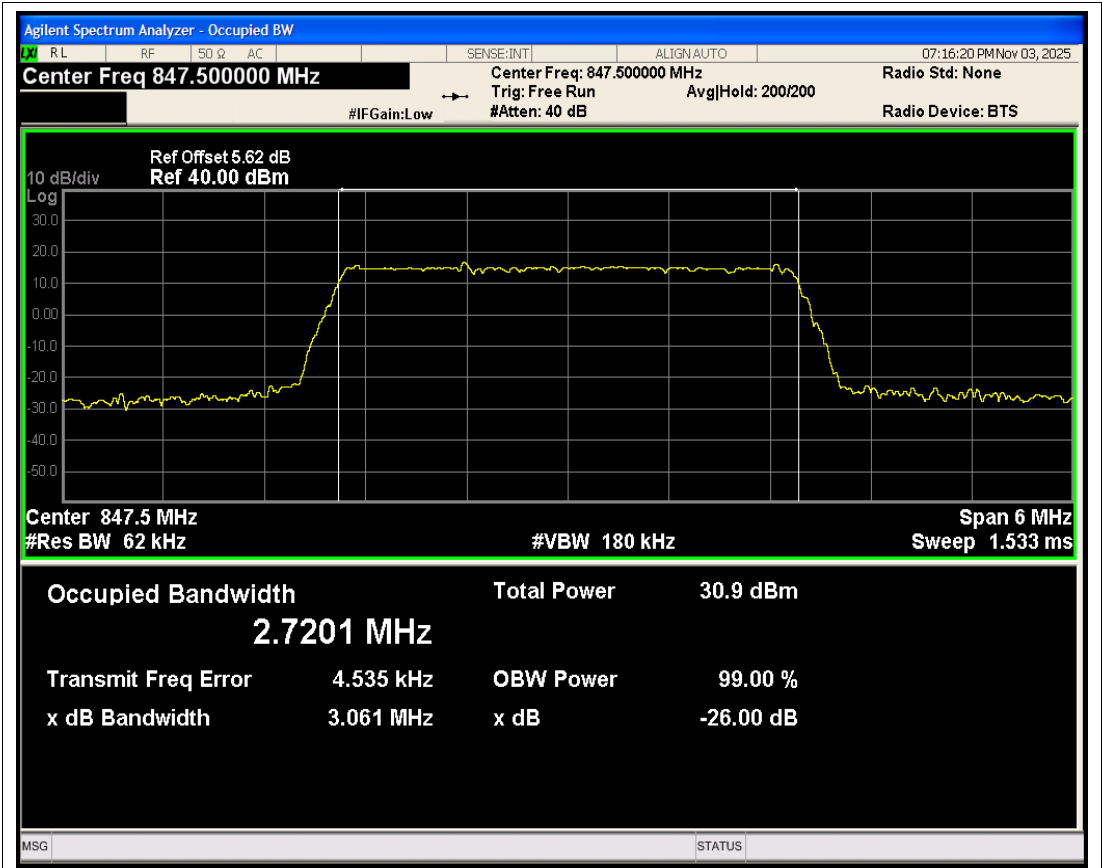
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



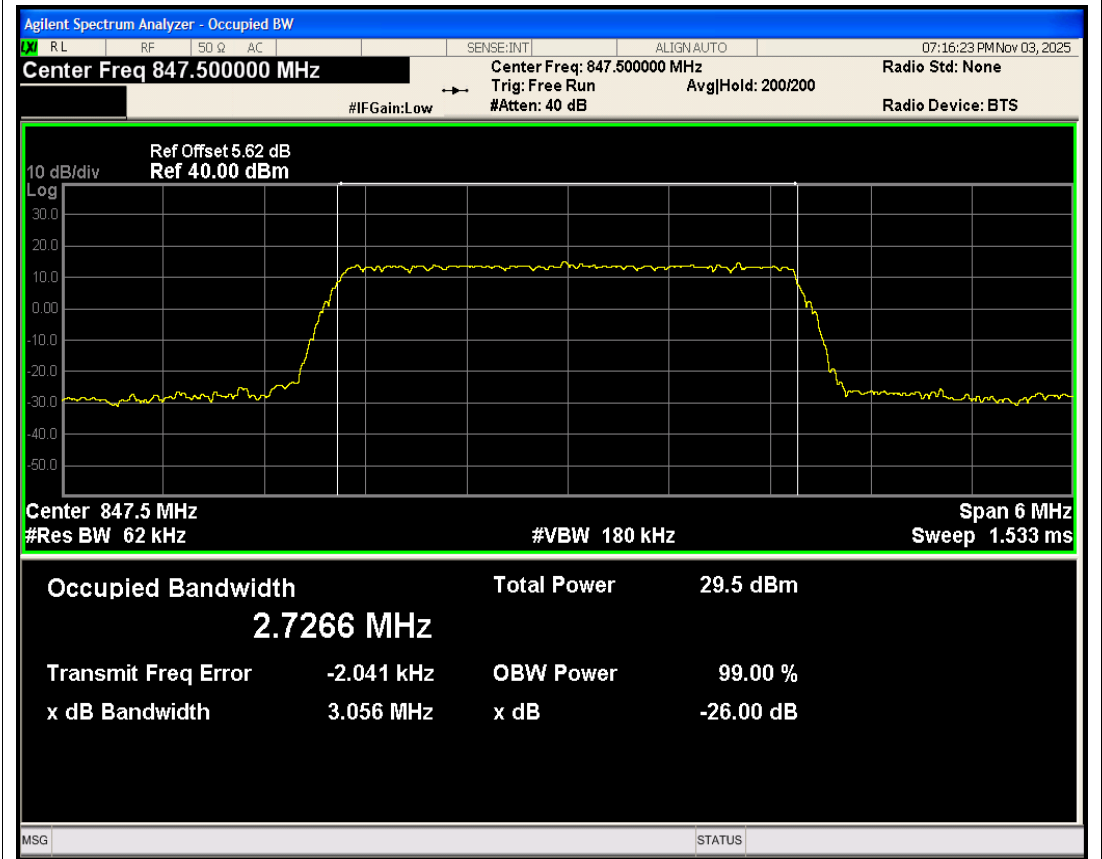
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



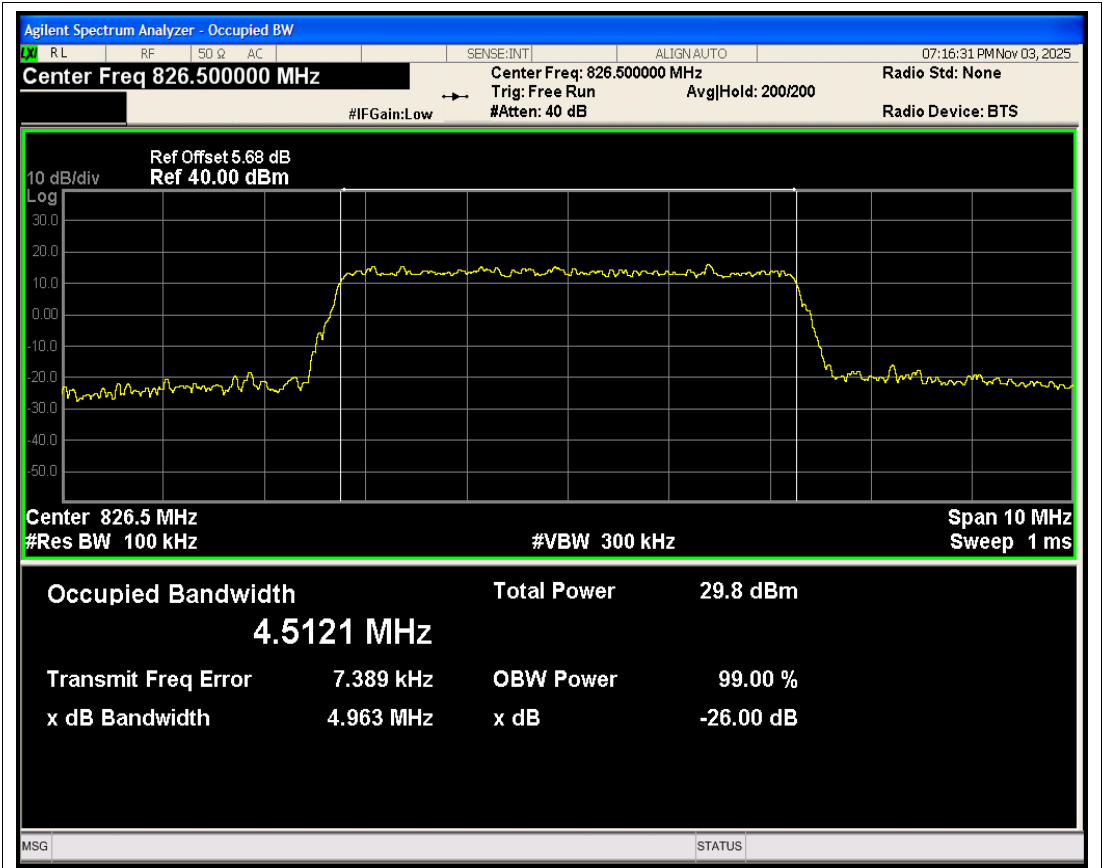
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



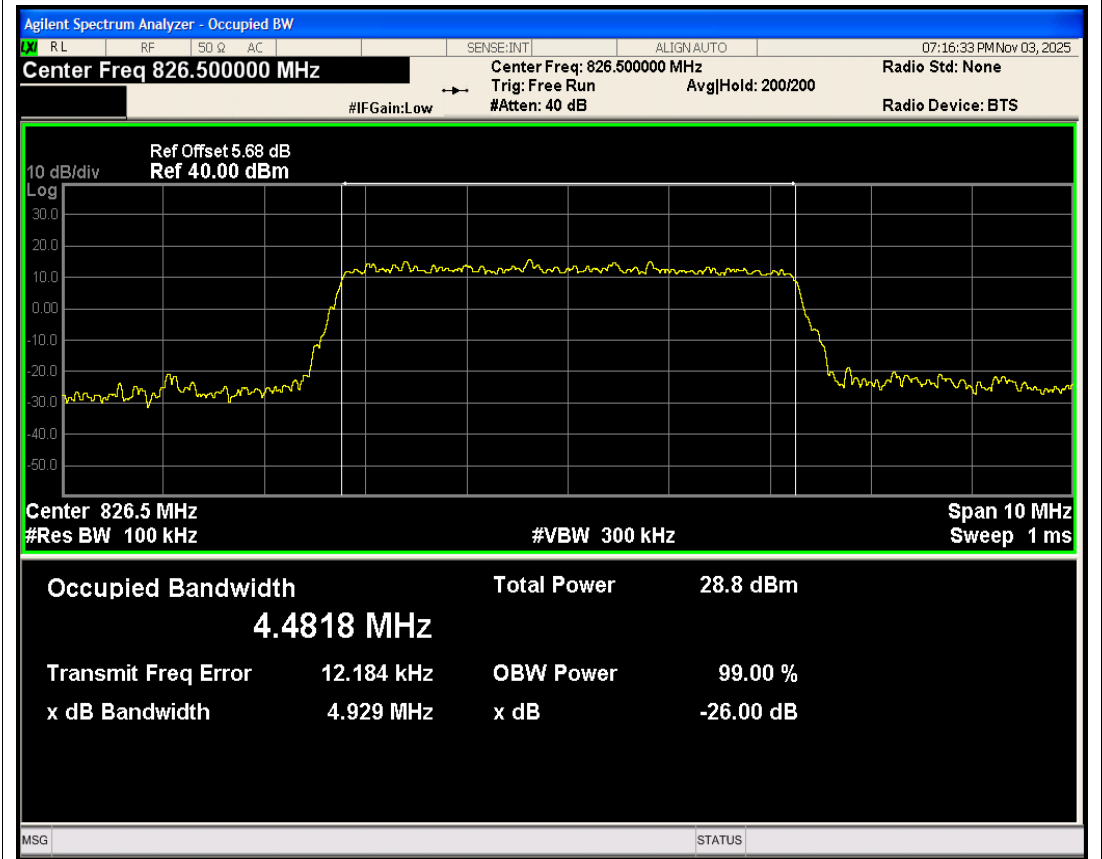
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



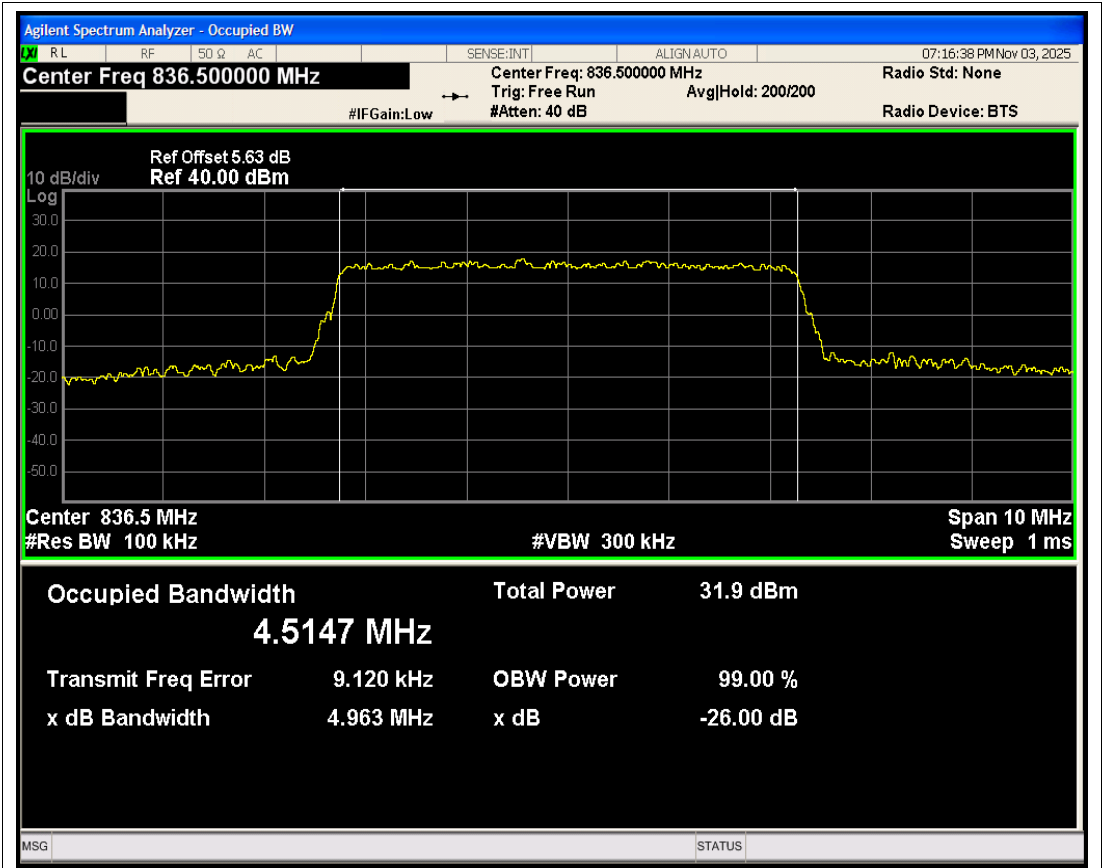
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



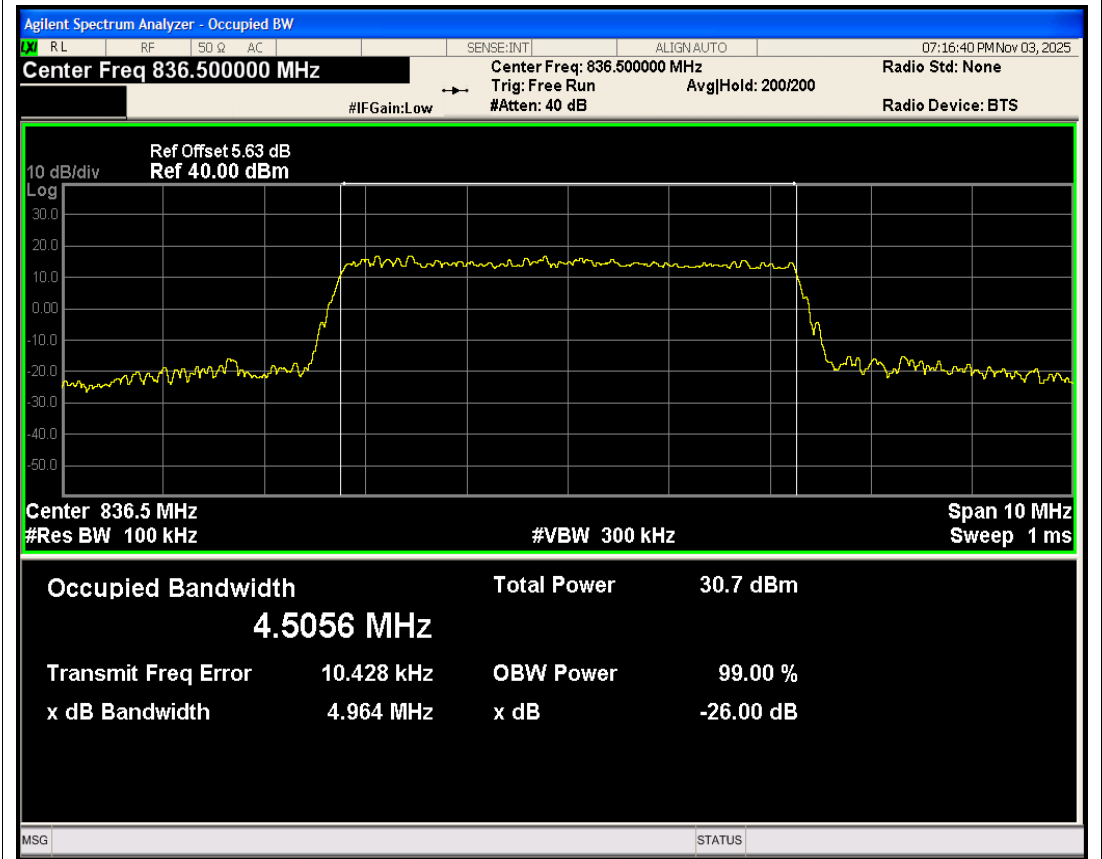
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



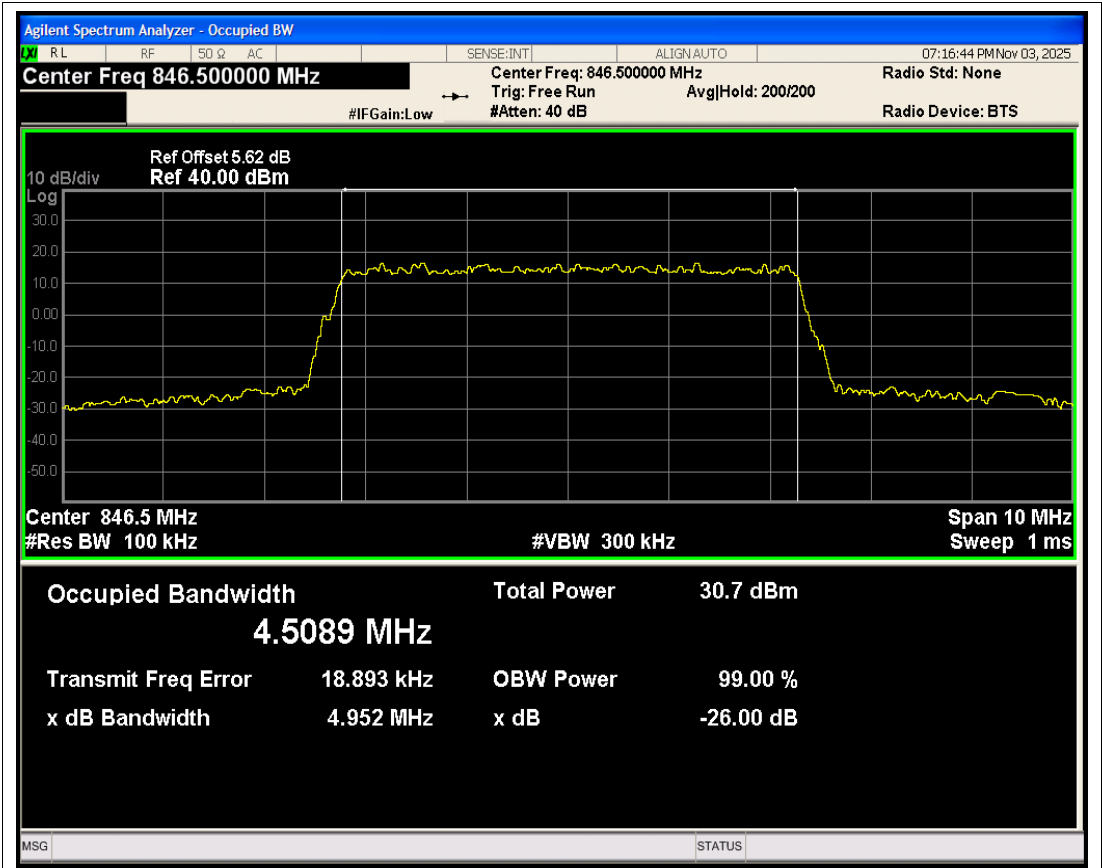
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



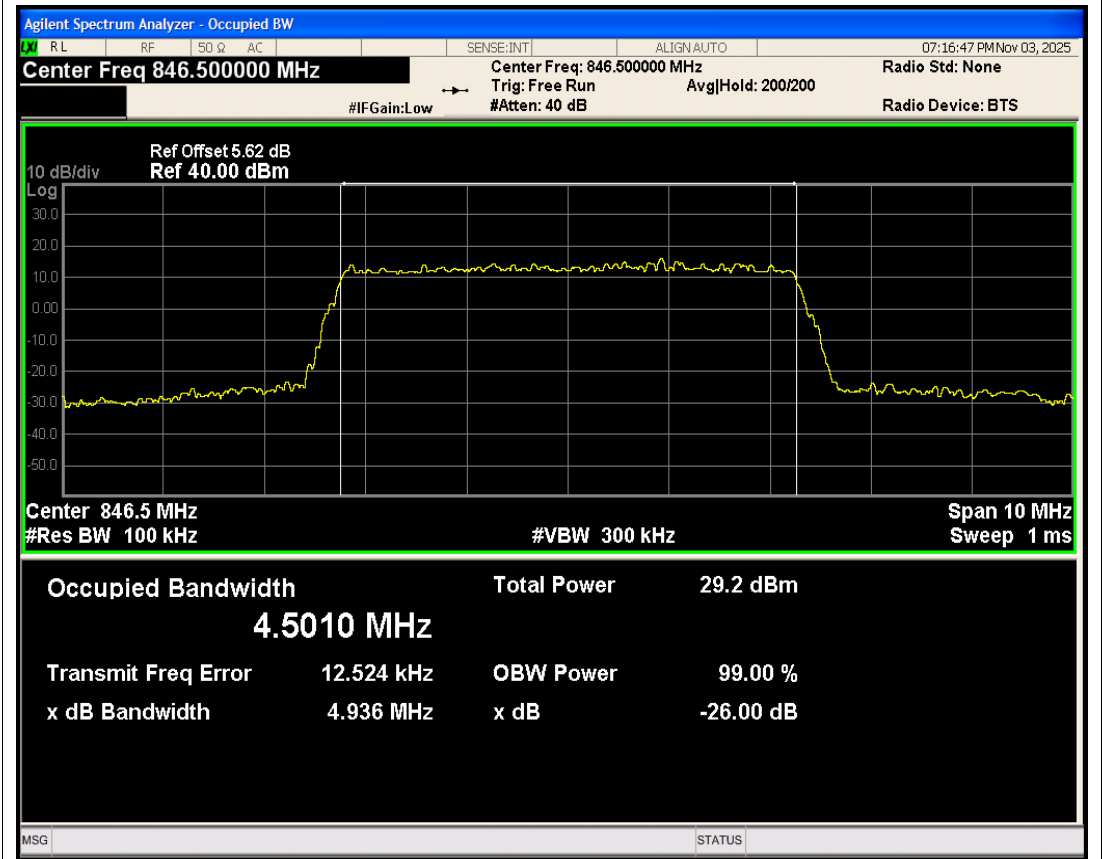
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



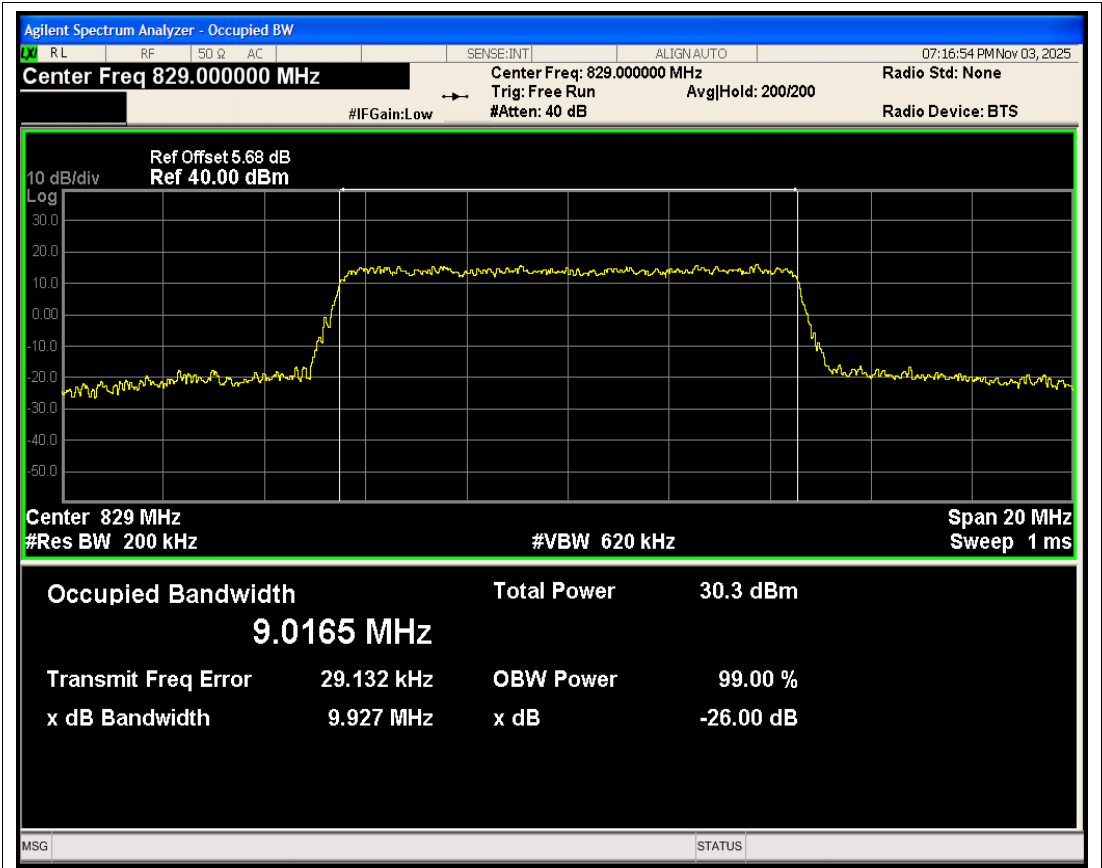
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



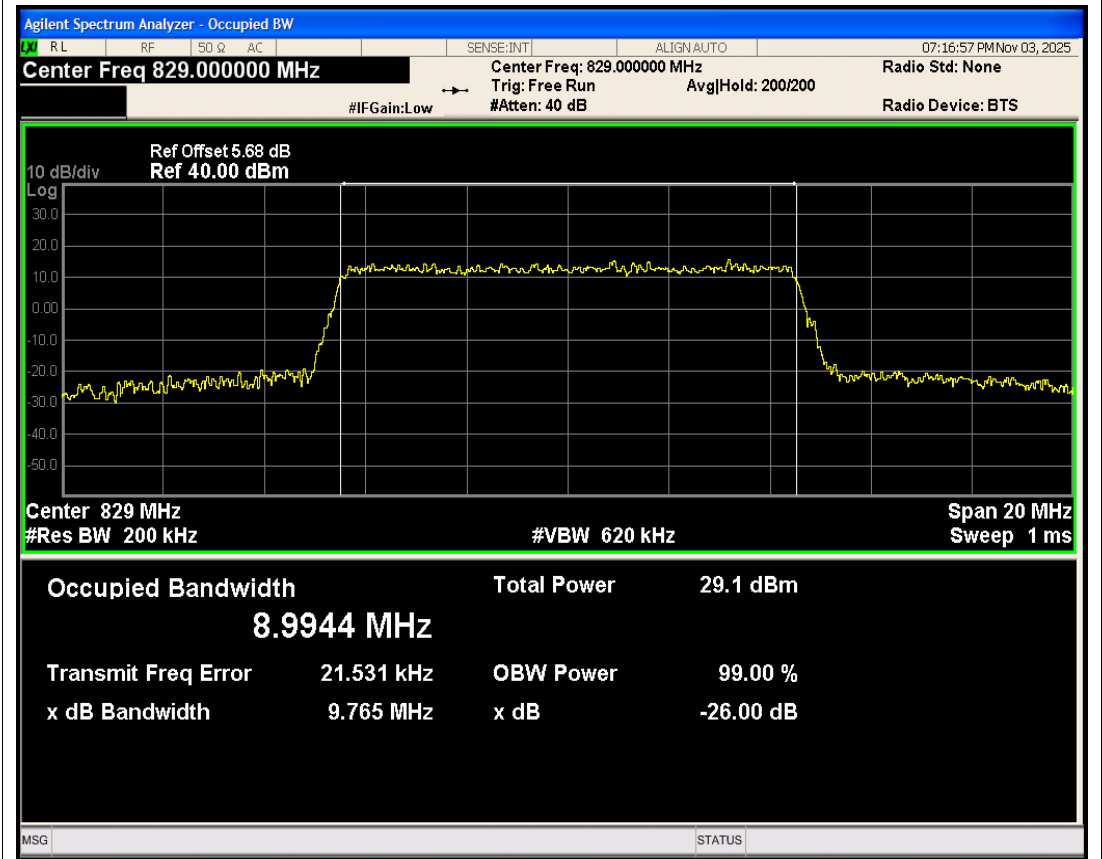
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



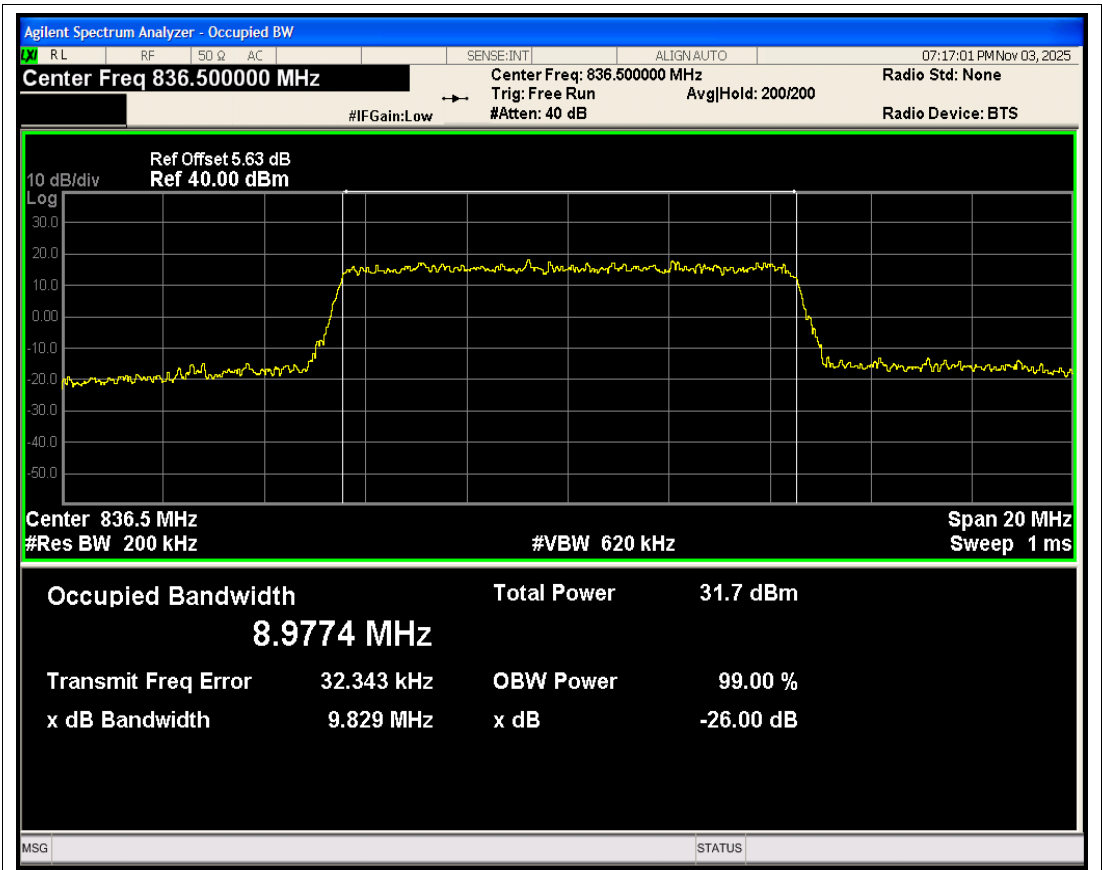
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



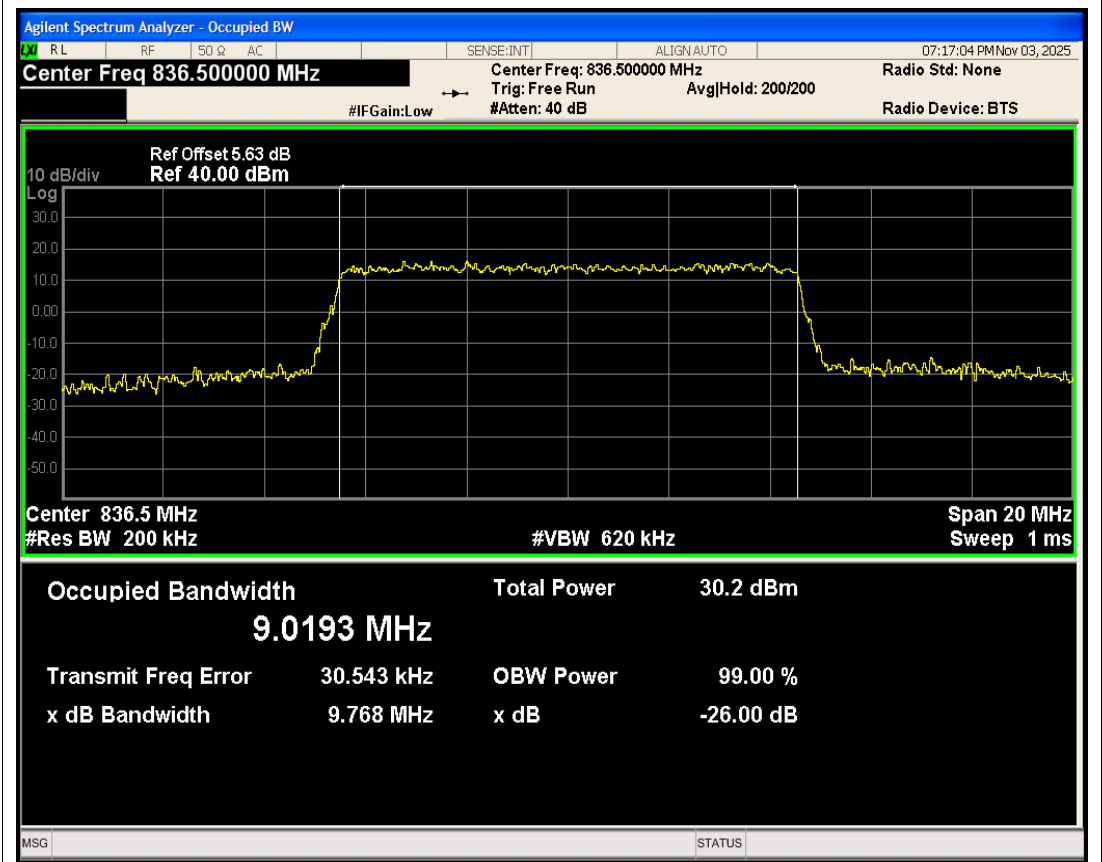
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



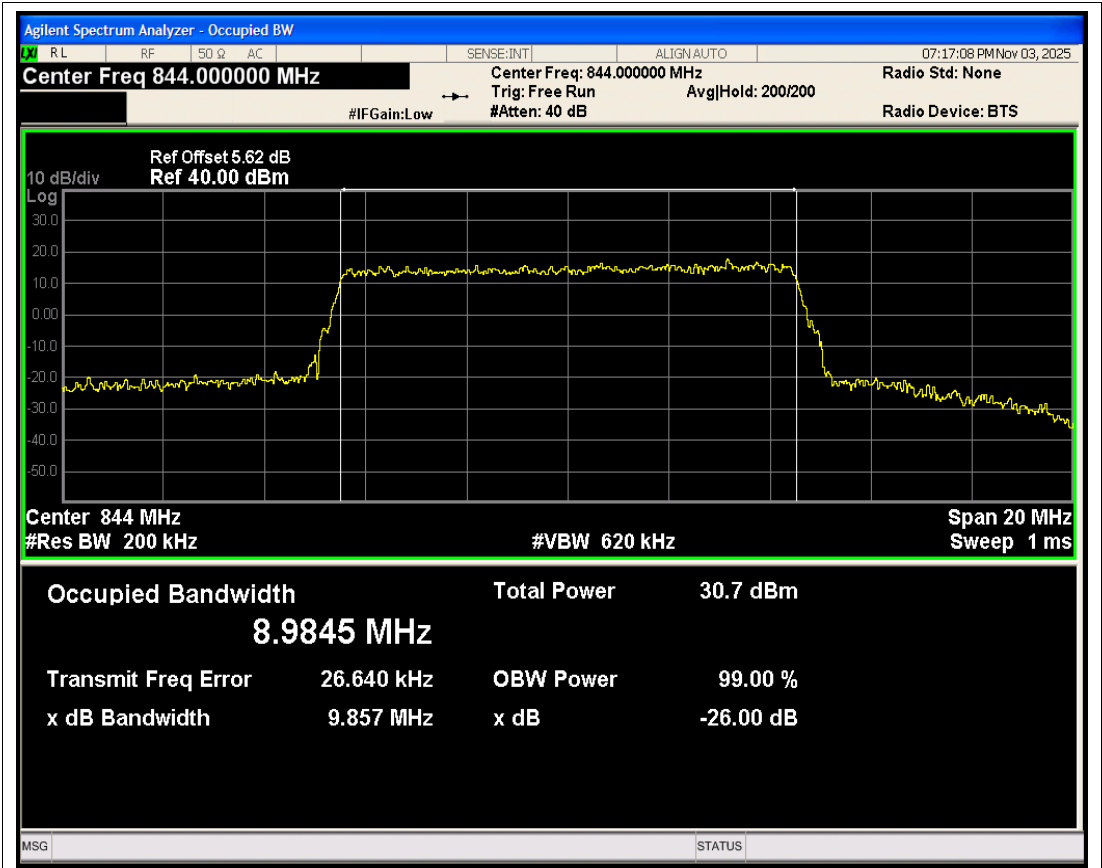
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



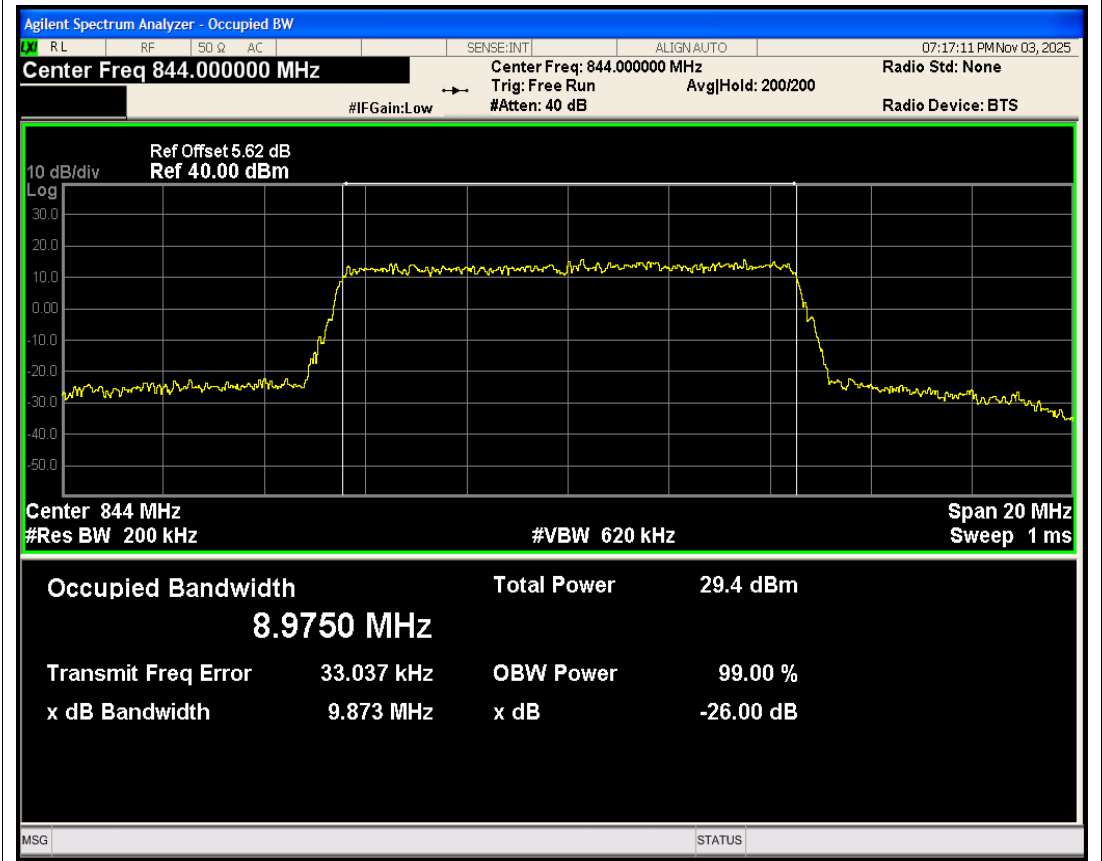
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



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



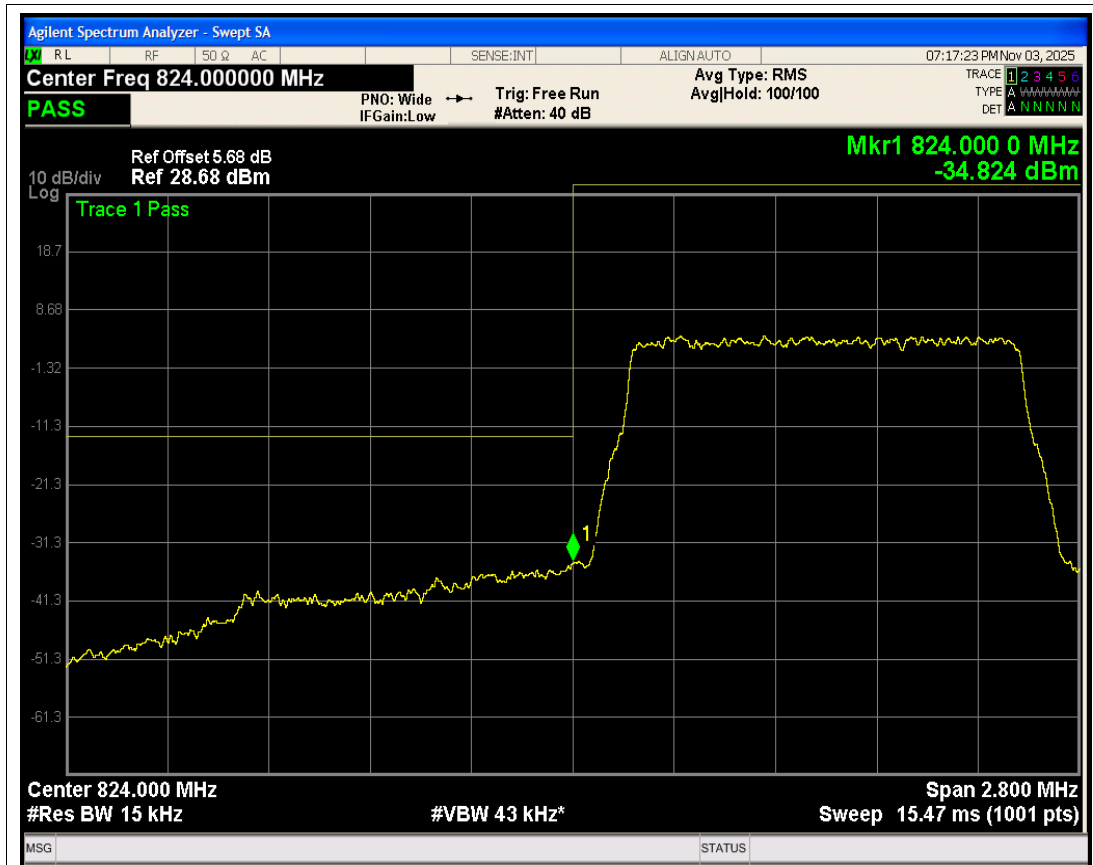
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



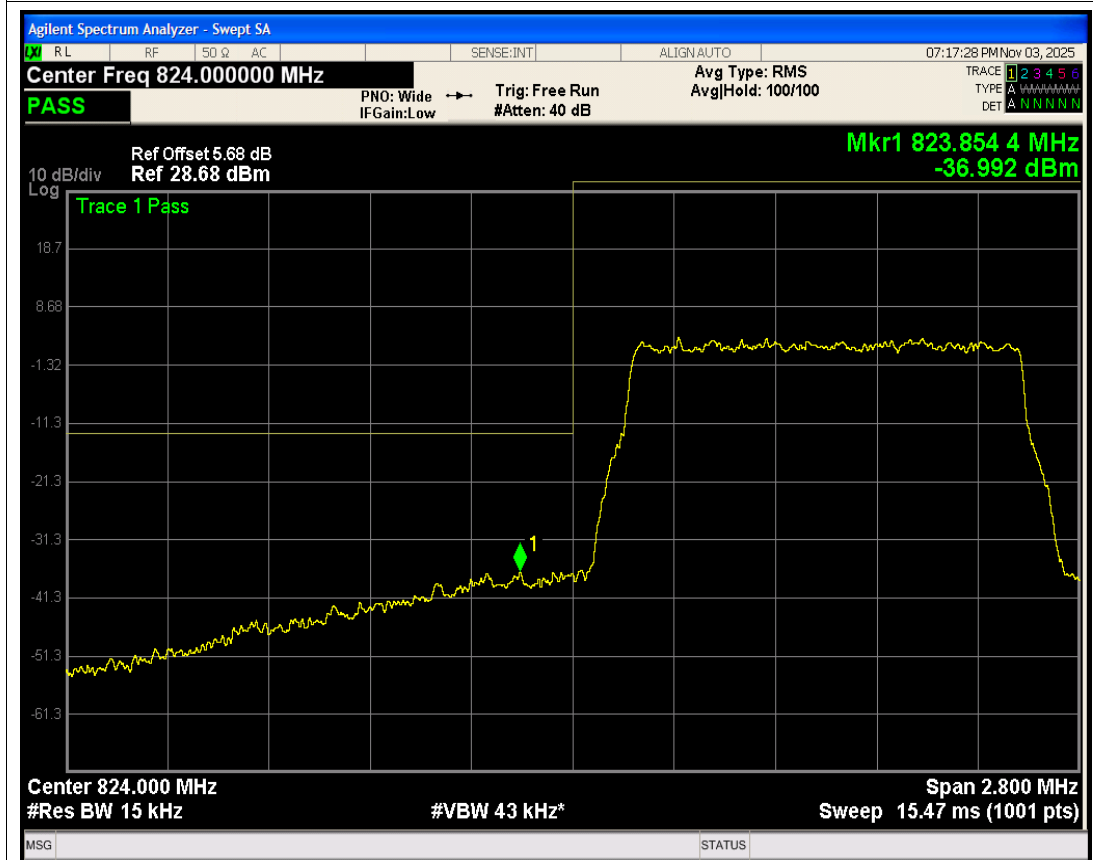
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0

Appendix 5.Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	824.00	-34.82	-13	PASS
Band5	1.4	20407	6	#0	16QAM	823.85	-36.99	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.02	-34.91	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.03	-36.46	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-25.36	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-27.76	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-25.88	-13	PASS
Band5	3	20635	15	#0	16QAM	849.00	-26.50	-13	PASS
Band5	5	20425	25	#0	QPSK	823.99	-30.63	-13	PASS
Band5	5	20425	25	#0	16QAM	824.00	-32.96	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-29.14	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-29.95	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-29.99	-13	PASS
Band5	10	20450	50	#0	16QAM	823.96	-33.20	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-31.00	-13	PASS
Band5	10	20600	50	#0	16QAM	849.02	-31.59	-13	PASS



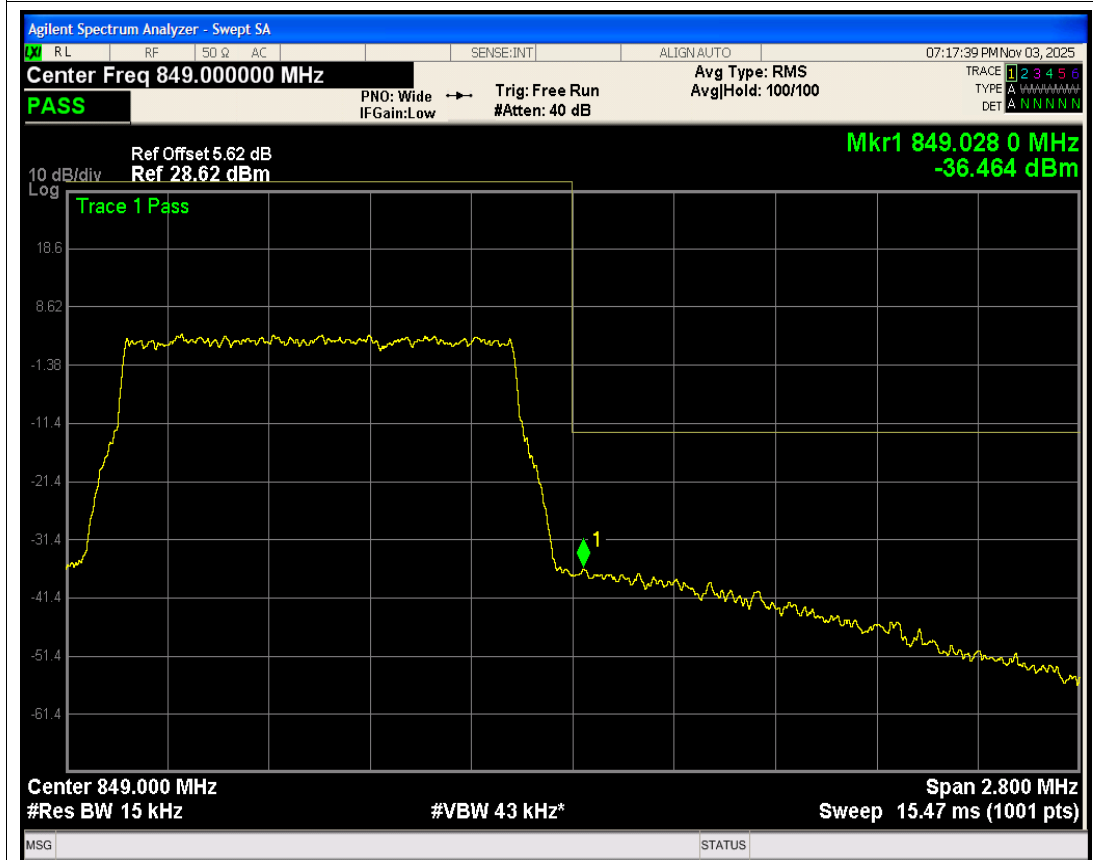
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



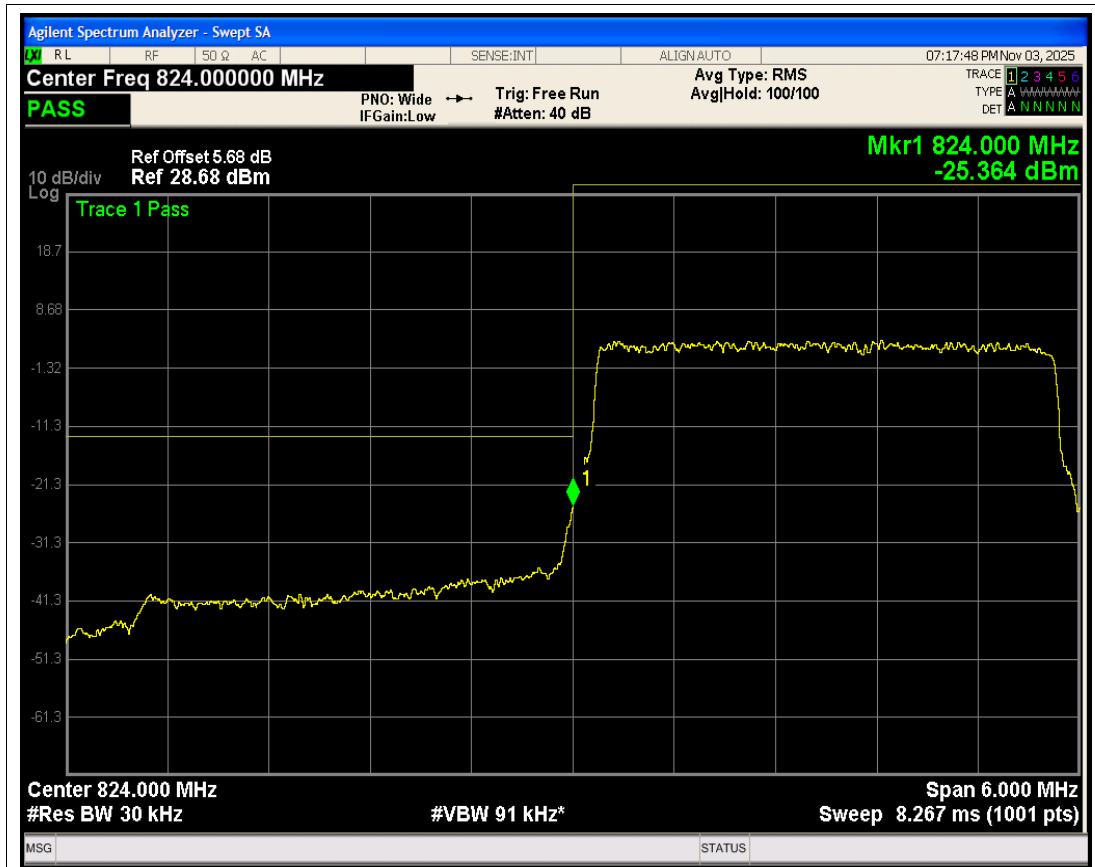
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



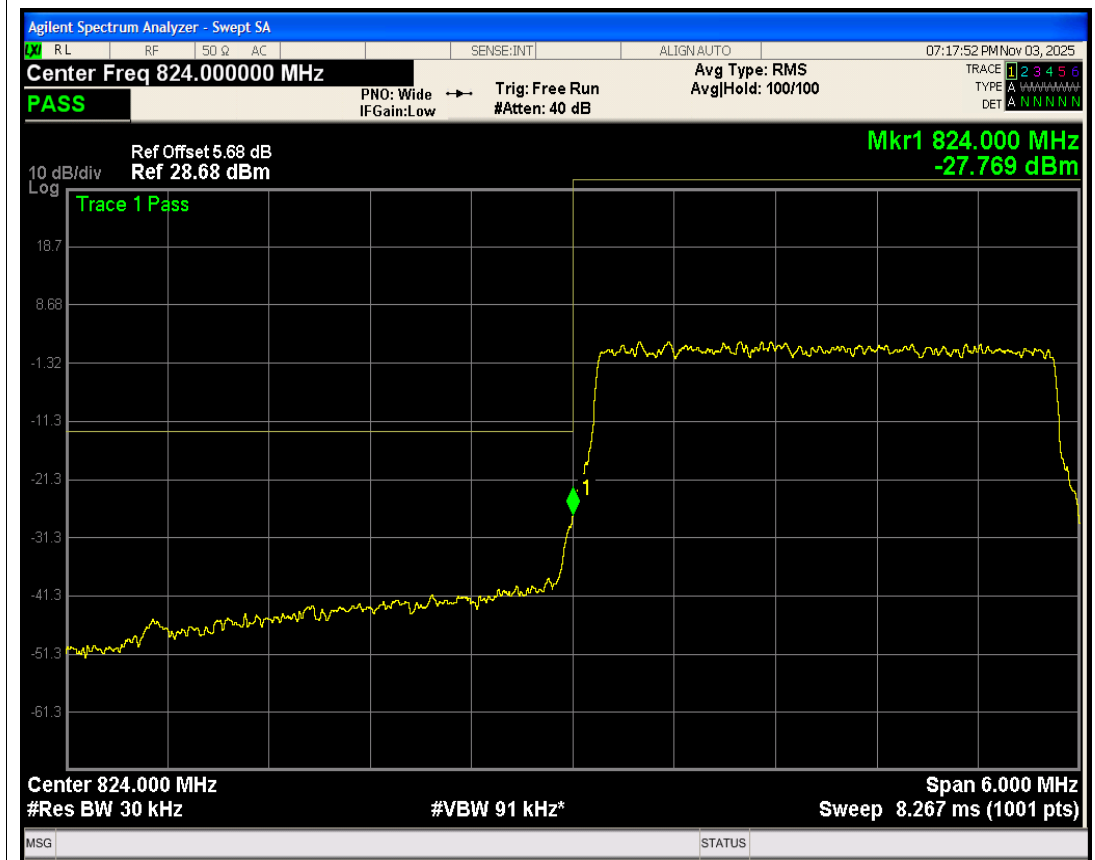
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



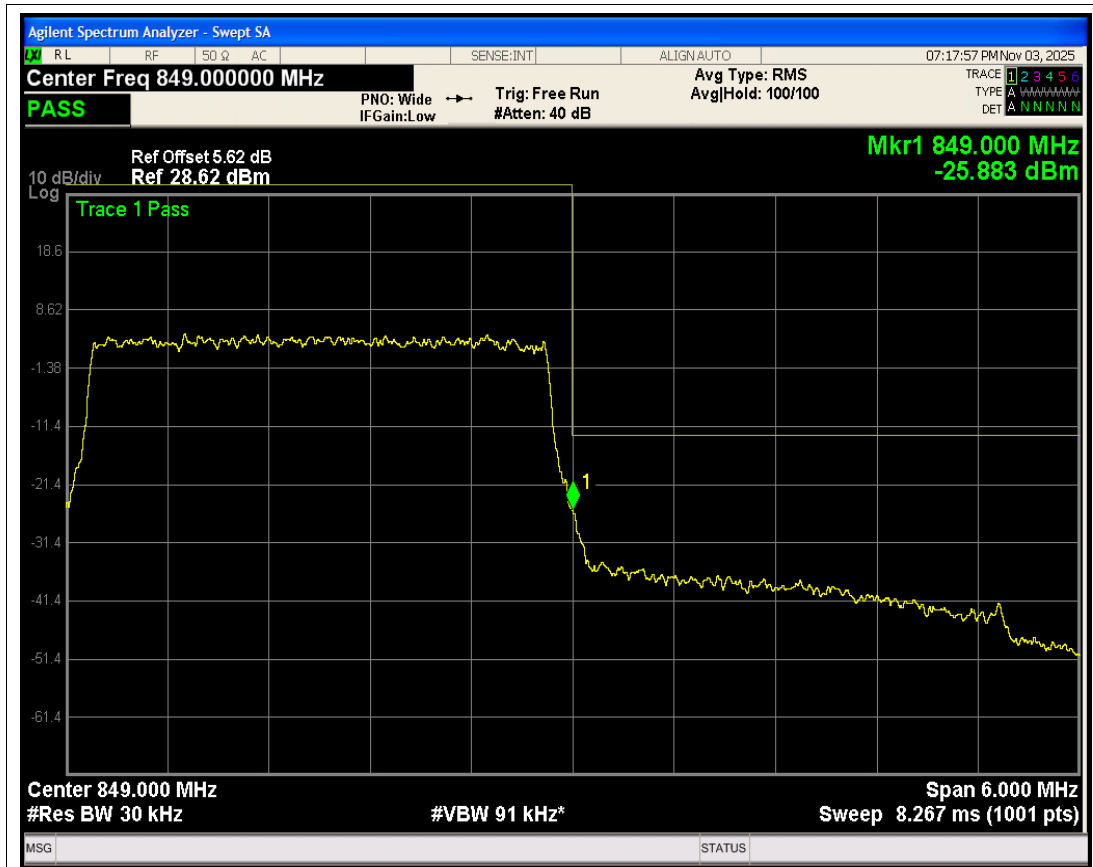
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



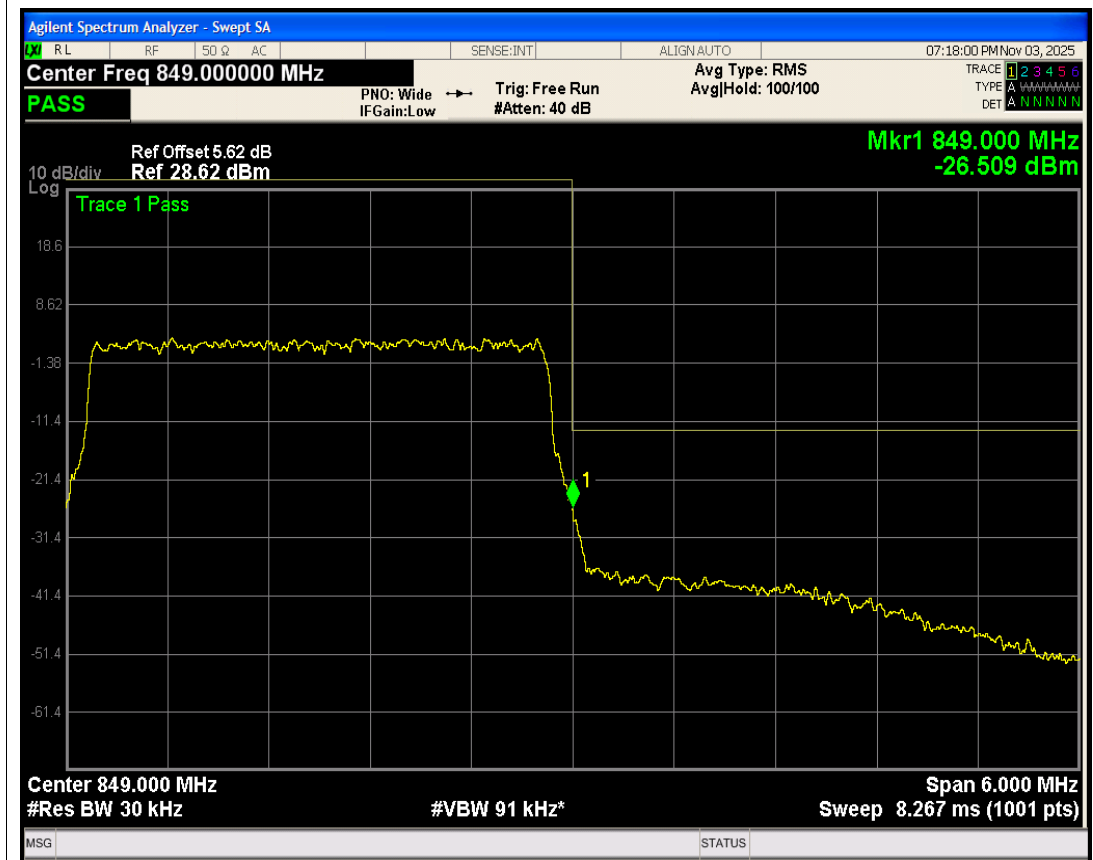
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



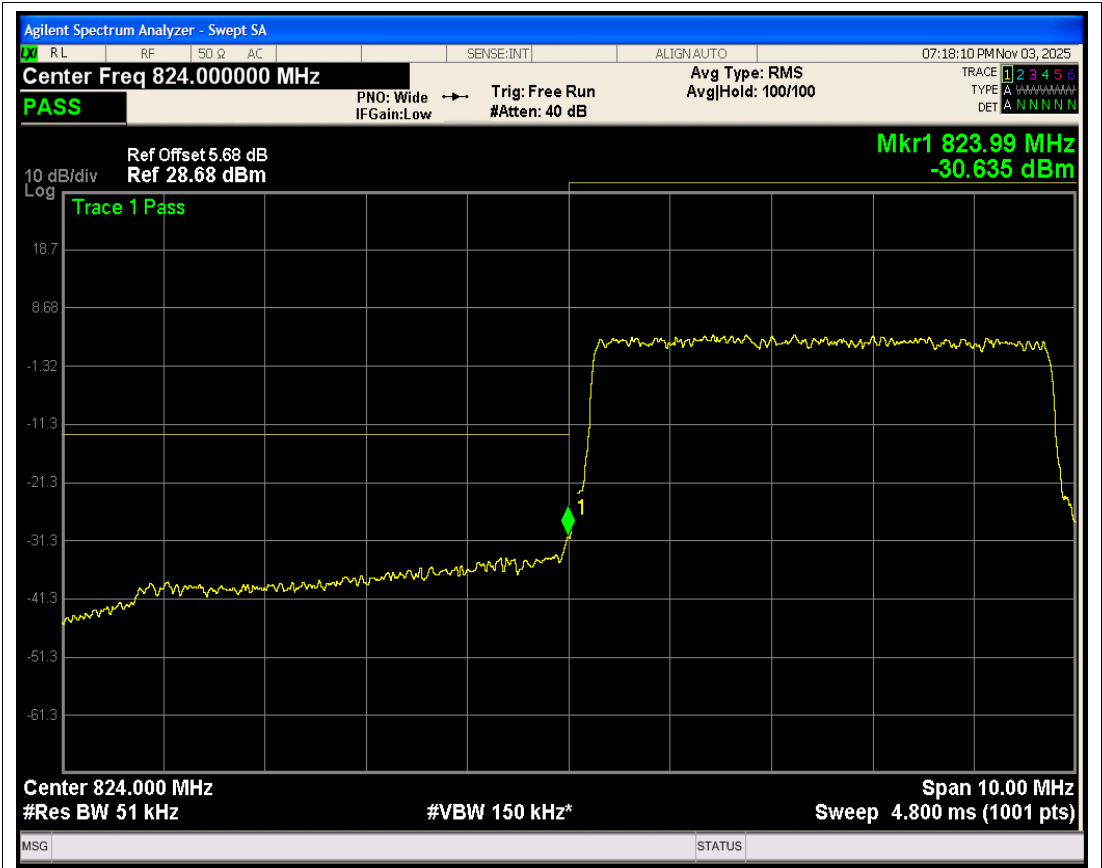
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



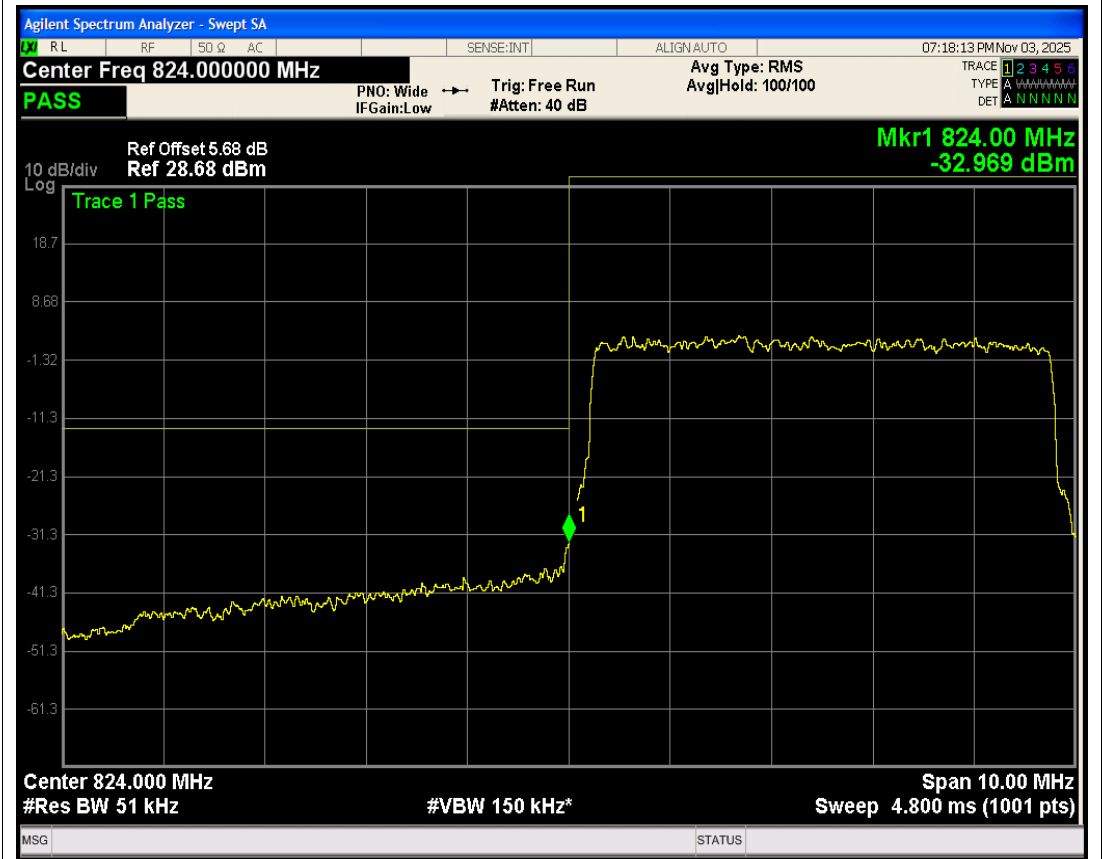
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



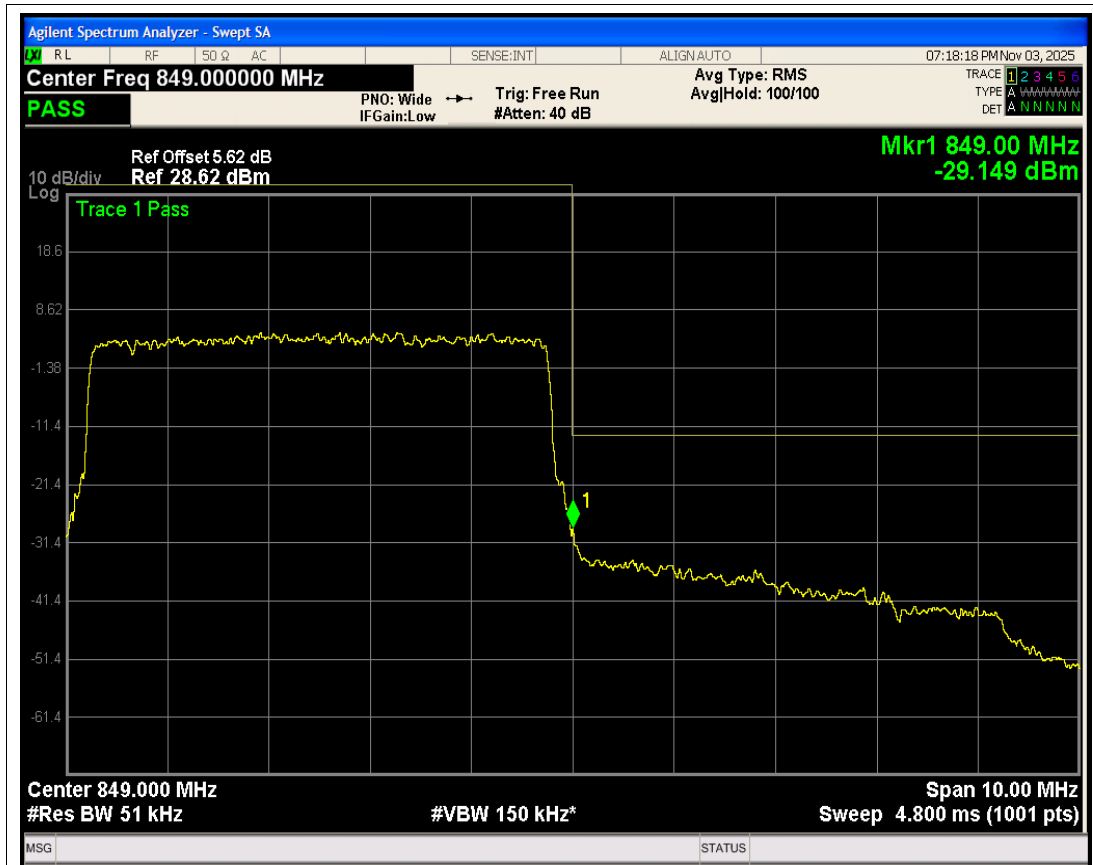
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



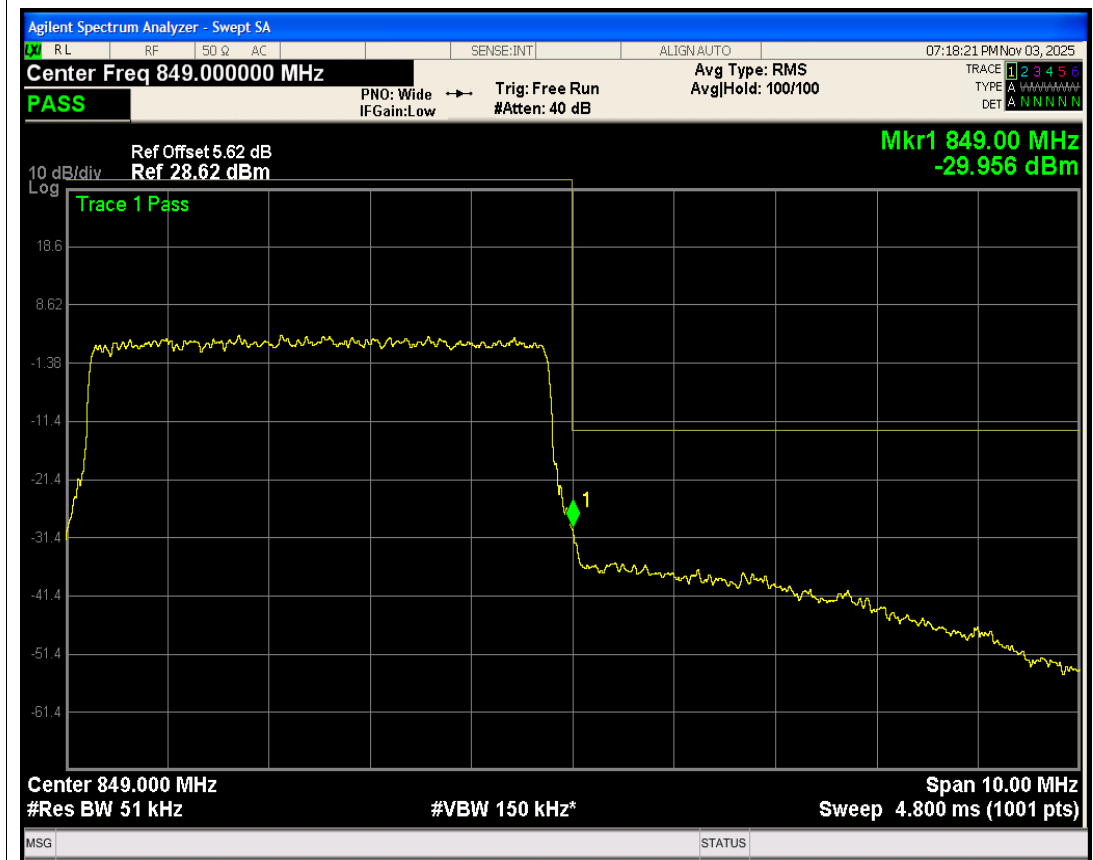
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



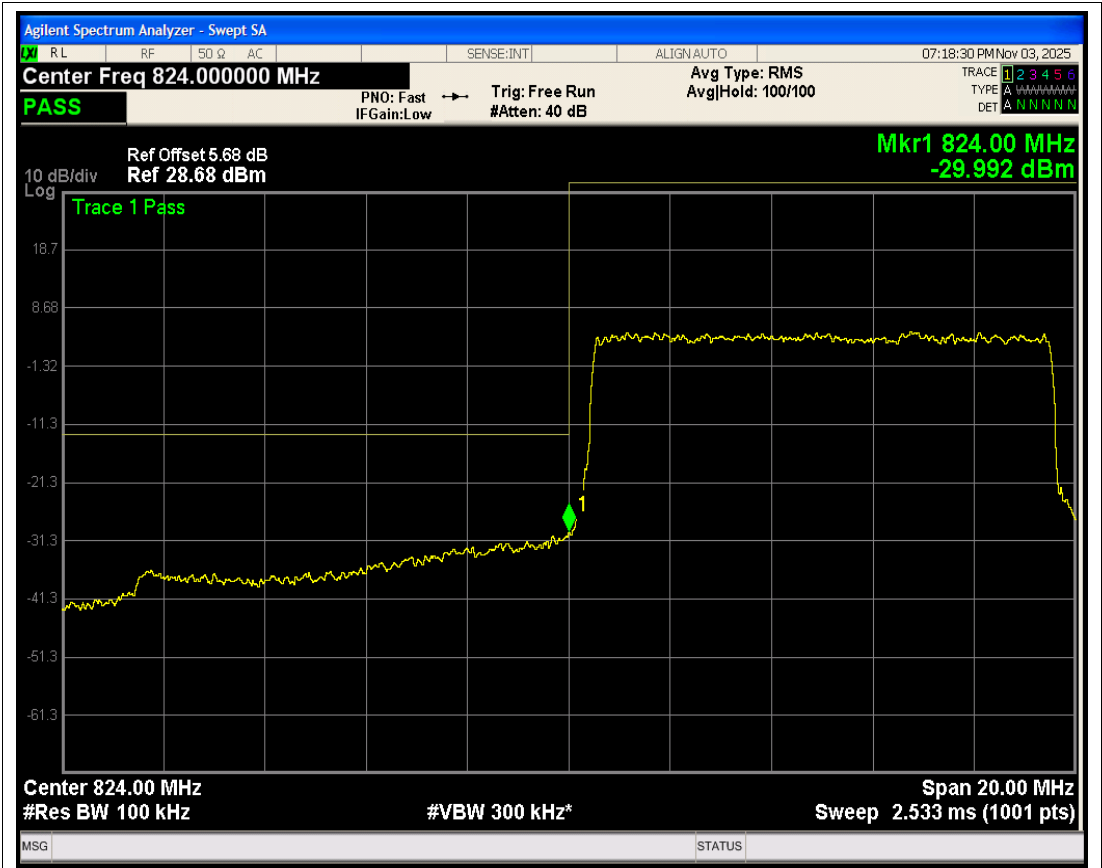
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



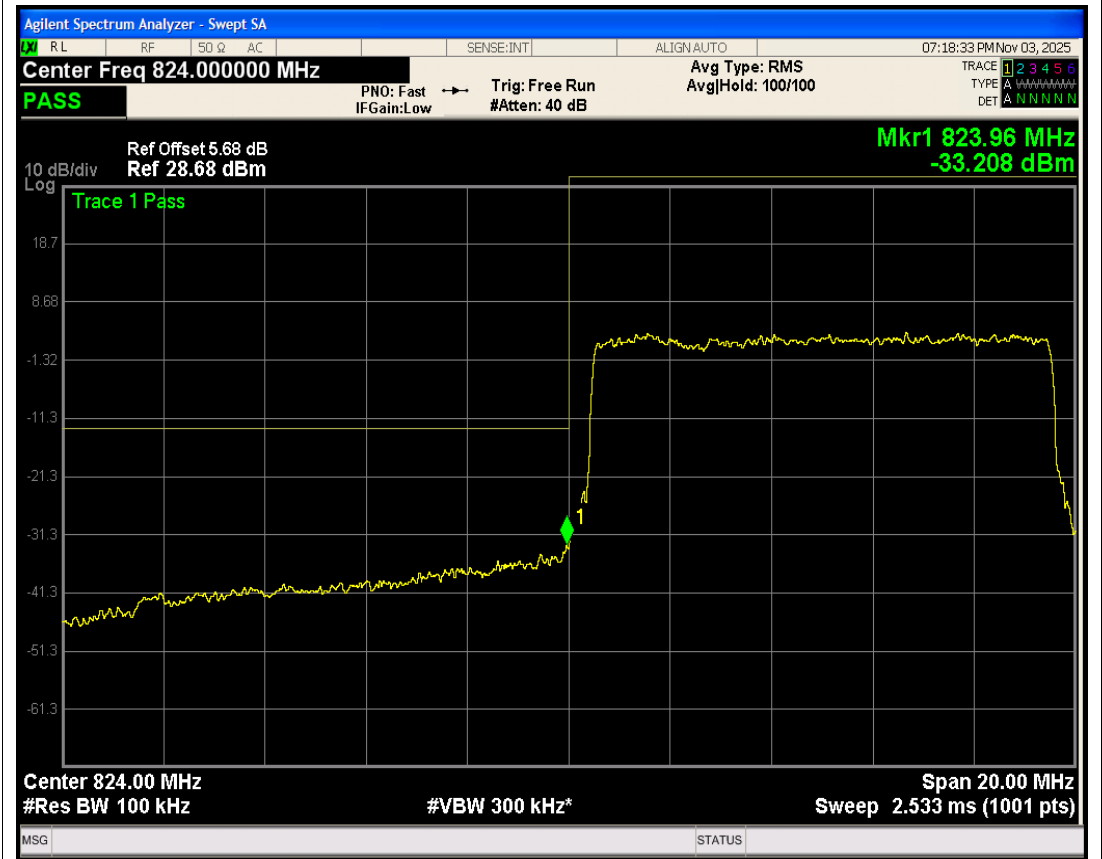
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



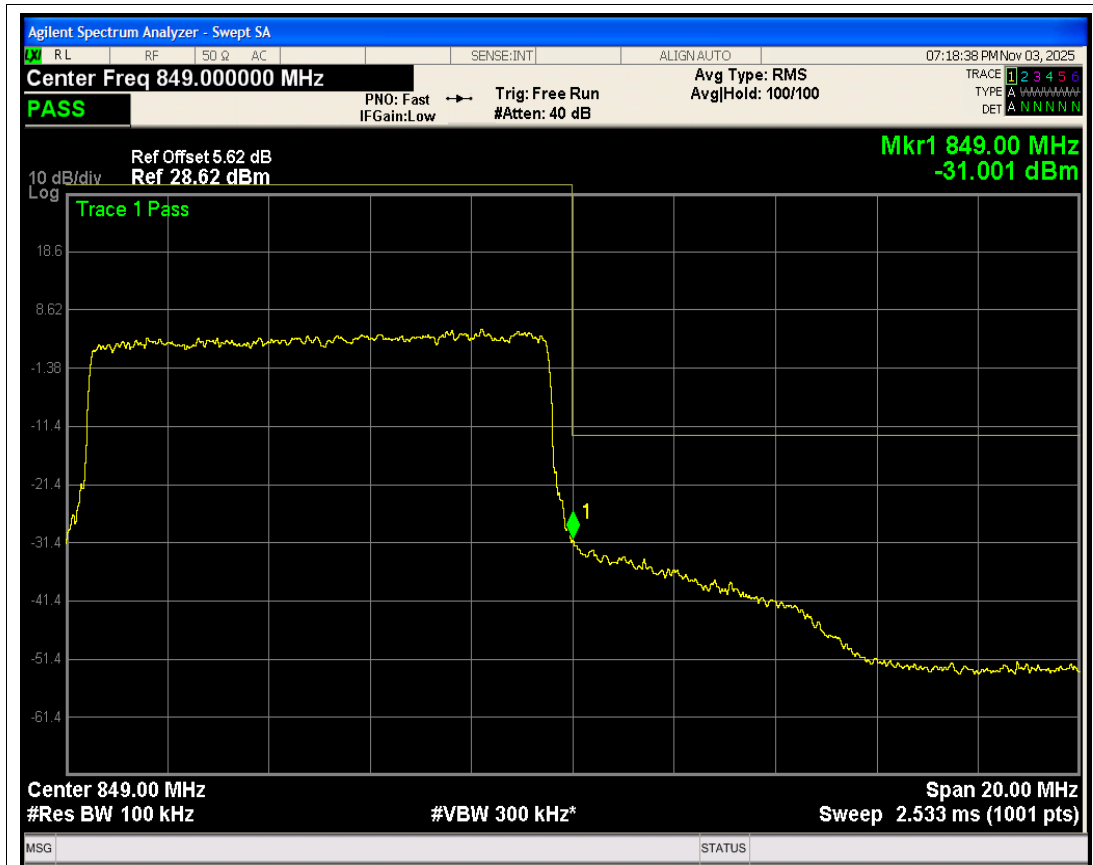
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



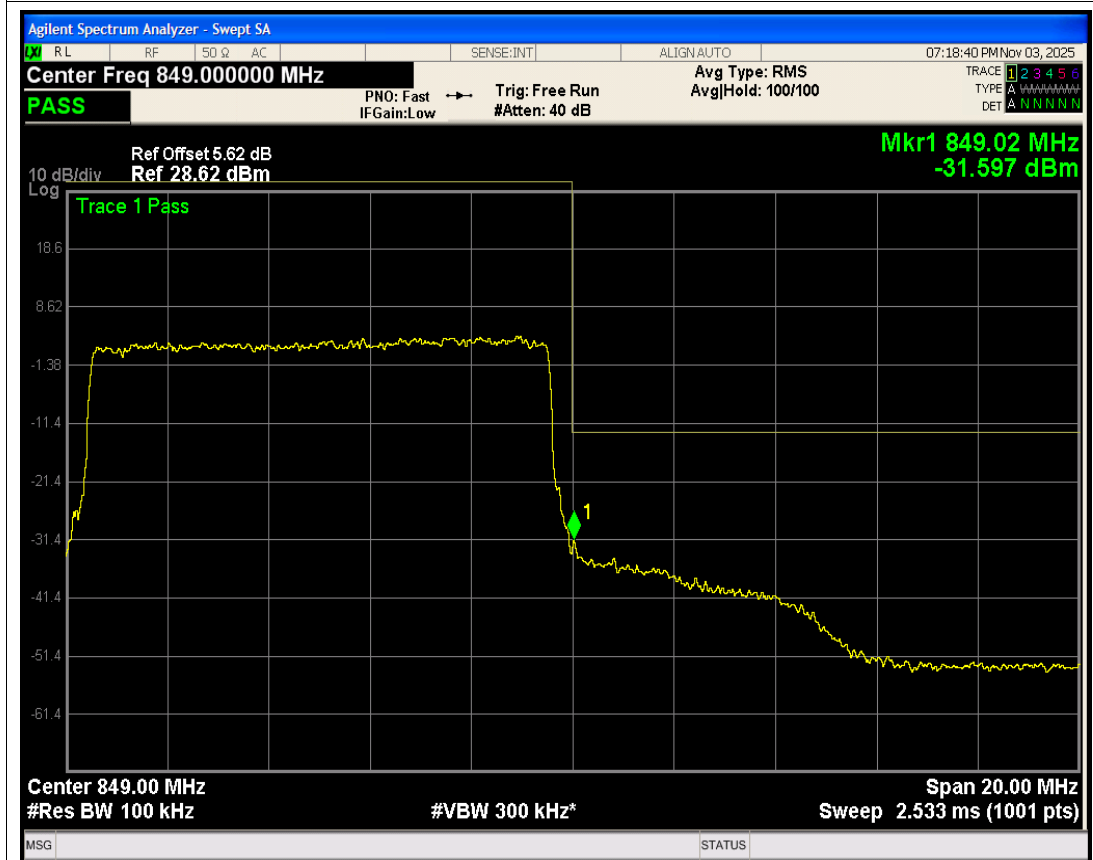
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



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



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

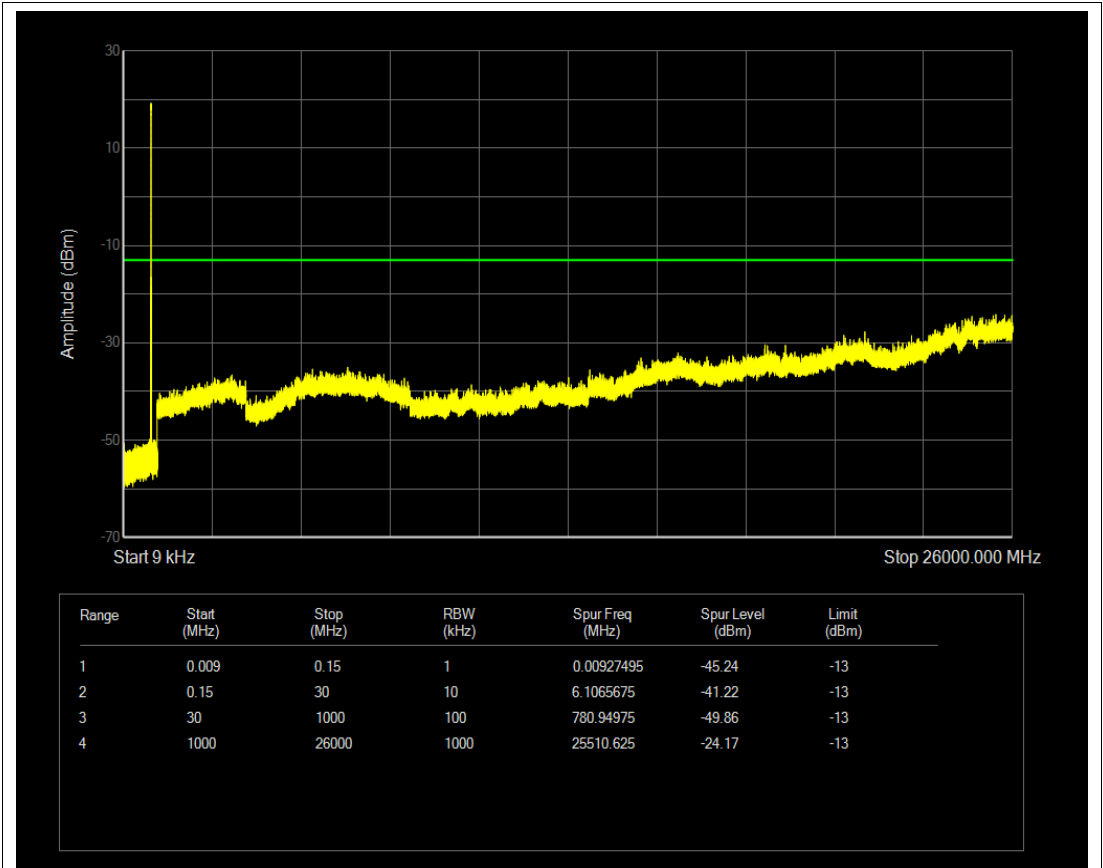


Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0

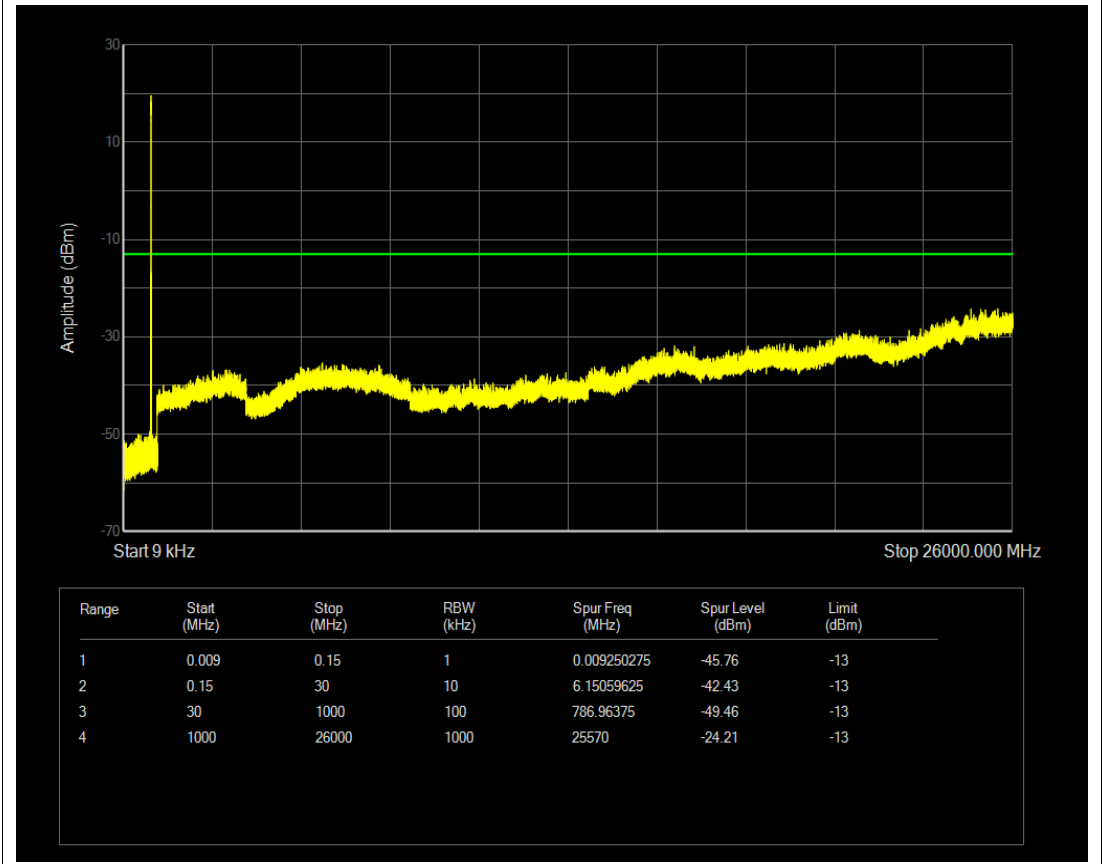
Report No.: \${Report number}_Appendix LTE Band 5

Appendix 6.Out-of-band emissions

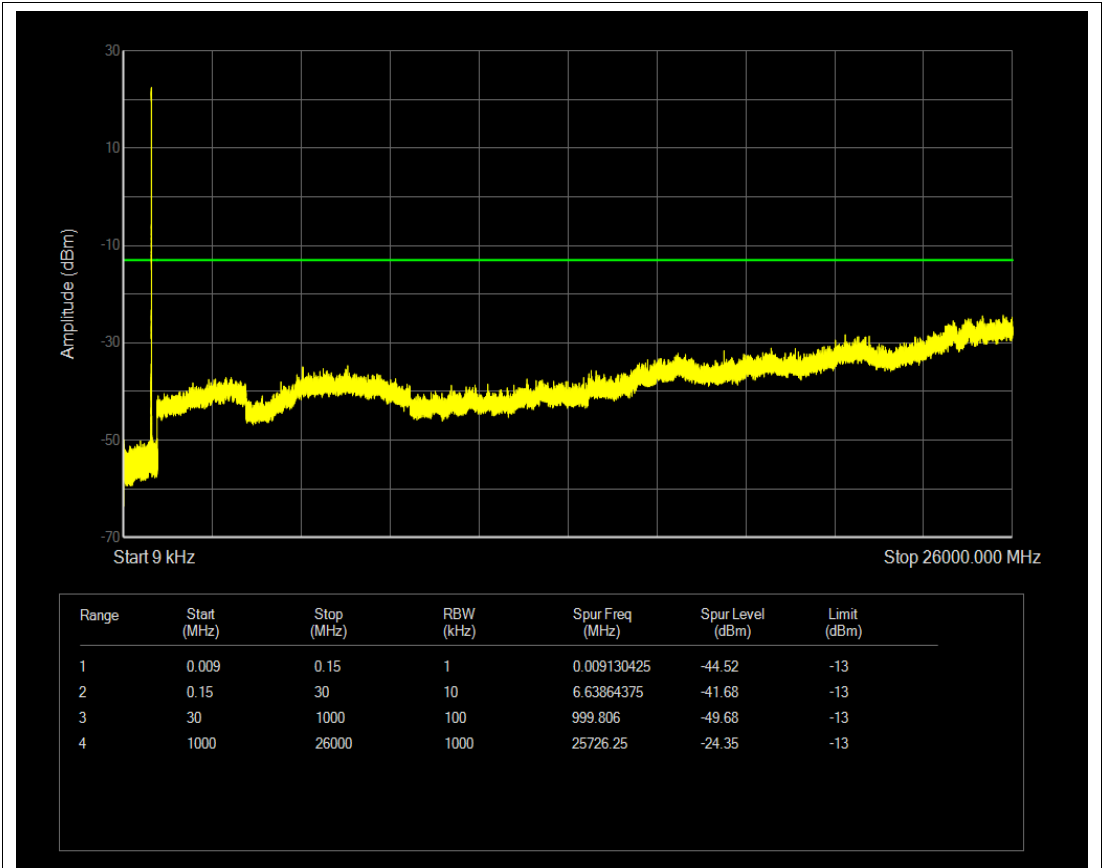
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band5	1.4	20407	6	#0	QPSK	25510.63	-24.17	-13	PASS
Band5	1.4	20407	6	#0	16QAM	25570.00	-24.21	-13	PASS
Band5	1.4	20525	6	#0	QPSK	25726.25	-24.35	-13	PASS
Band5	1.4	20525	6	#0	16QAM	25722.50	-24.24	-13	PASS
Band5	1.4	20643	6	#0	QPSK	25724.38	-23.72	-13	PASS
Band5	1.4	20643	6	#0	16QAM	25616.25	-23.32	-13	PASS
Band5	3	20415	15	#0	QPSK	25798.75	-24.35	-13	PASS
Band5	3	20415	15	#0	16QAM	25791.25	-24.00	-13	PASS
Band5	3	20525	15	#0	QPSK	25803.13	-24.19	-13	PASS
Band5	3	20525	15	#0	16QAM	25791.25	-24.12	-13	PASS
Band5	3	20635	15	#0	QPSK	25988.75	-23.95	-13	PASS
Band5	3	20635	15	#0	16QAM	25401.88	-24.02	-13	PASS
Band5	5	20425	25	#0	QPSK	25820.00	-24.41	-13	PASS
Band5	5	20425	25	#0	16QAM	25978.13	-23.85	-13	PASS
Band5	5	20525	25	#0	QPSK	25101.25	-23.93	-13	PASS
Band5	5	20525	25	#0	16QAM	24690.63	-24.07	-13	PASS
Band5	5	20625	25	#0	QPSK	25505.00	-23.83	-13	PASS
Band5	5	20625	25	#0	16QAM	25167.50	-23.87	-13	PASS
Band5	10	20450	50	#0	QPSK	25737.50	-23.86	-13	PASS
Band5	10	20450	50	#0	16QAM	25962.50	-23.82	-13	PASS
Band5	10	20525	50	#0	QPSK	25949.38	-23.94	-13	PASS
Band5	10	20525	50	#0	16QAM	25739.38	-24.10	-13	PASS
Band5	10	20600	50	#0	QPSK	25498.75	-24.86	-13	PASS
Band5	10	20600	50	#0	16QAM	25678.75	-24.22	-13	PASS



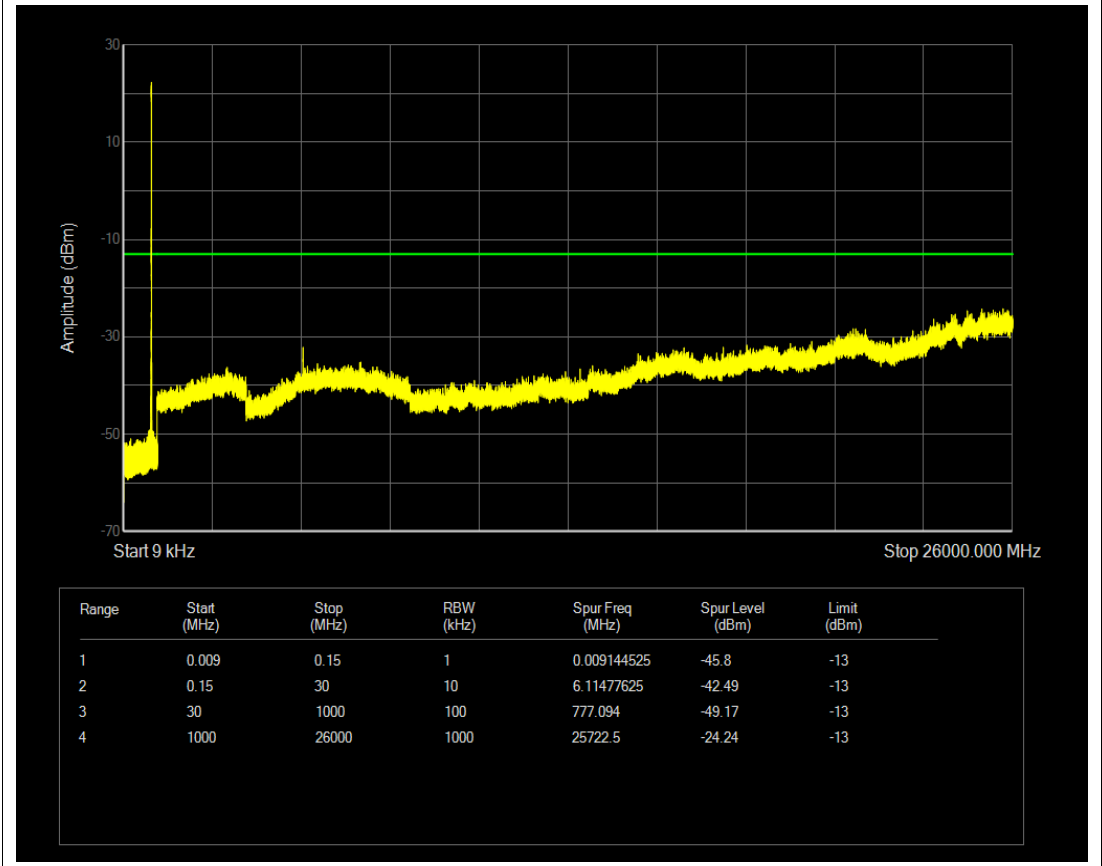
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



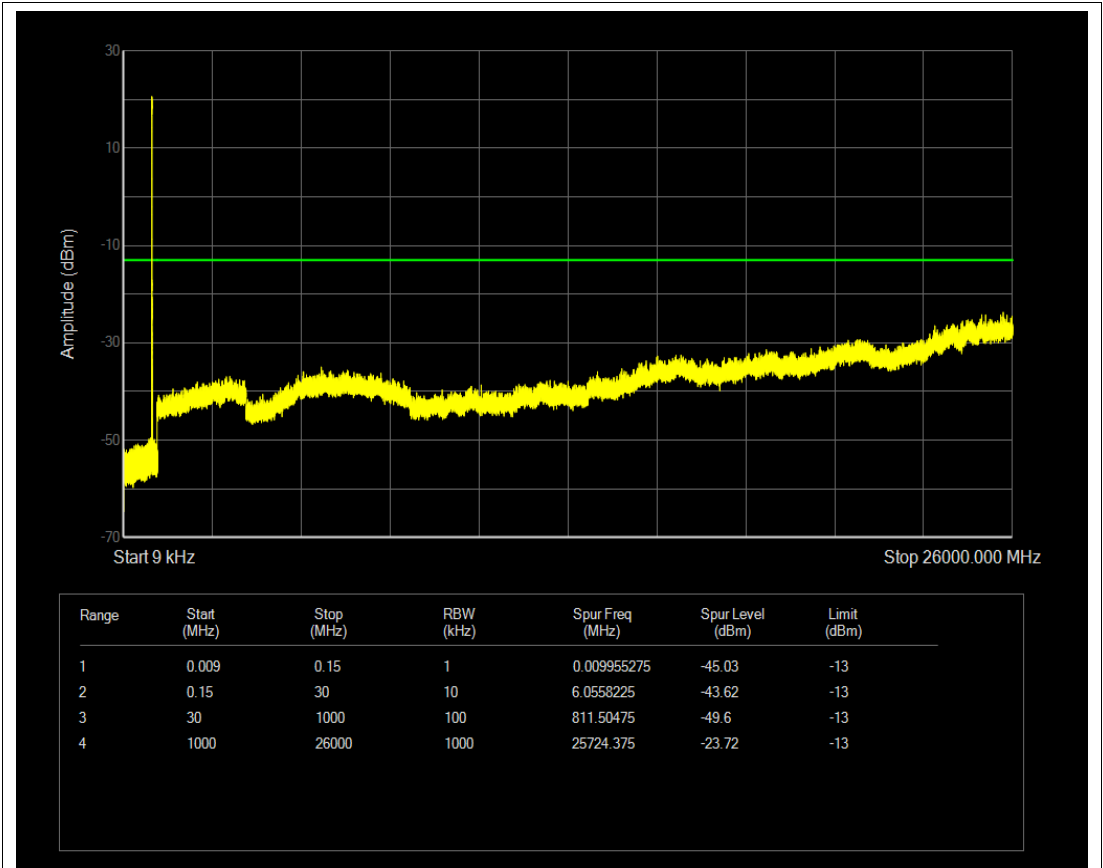
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



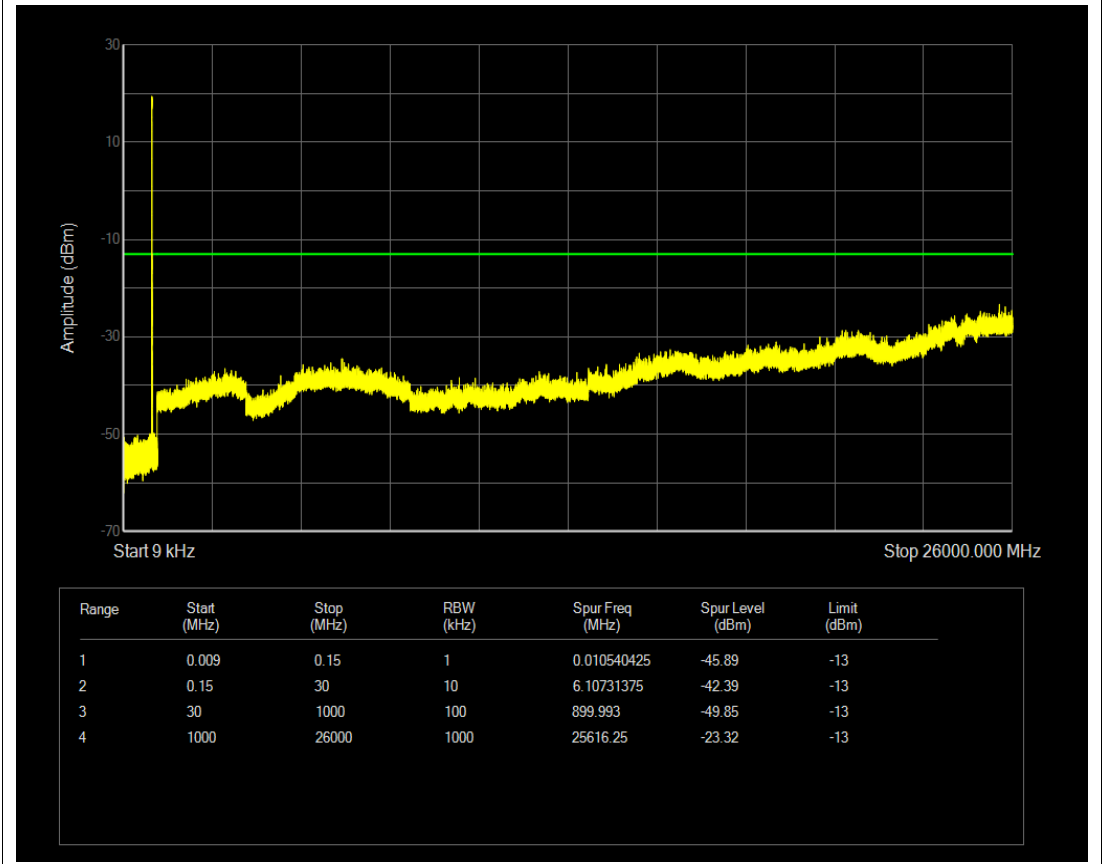
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



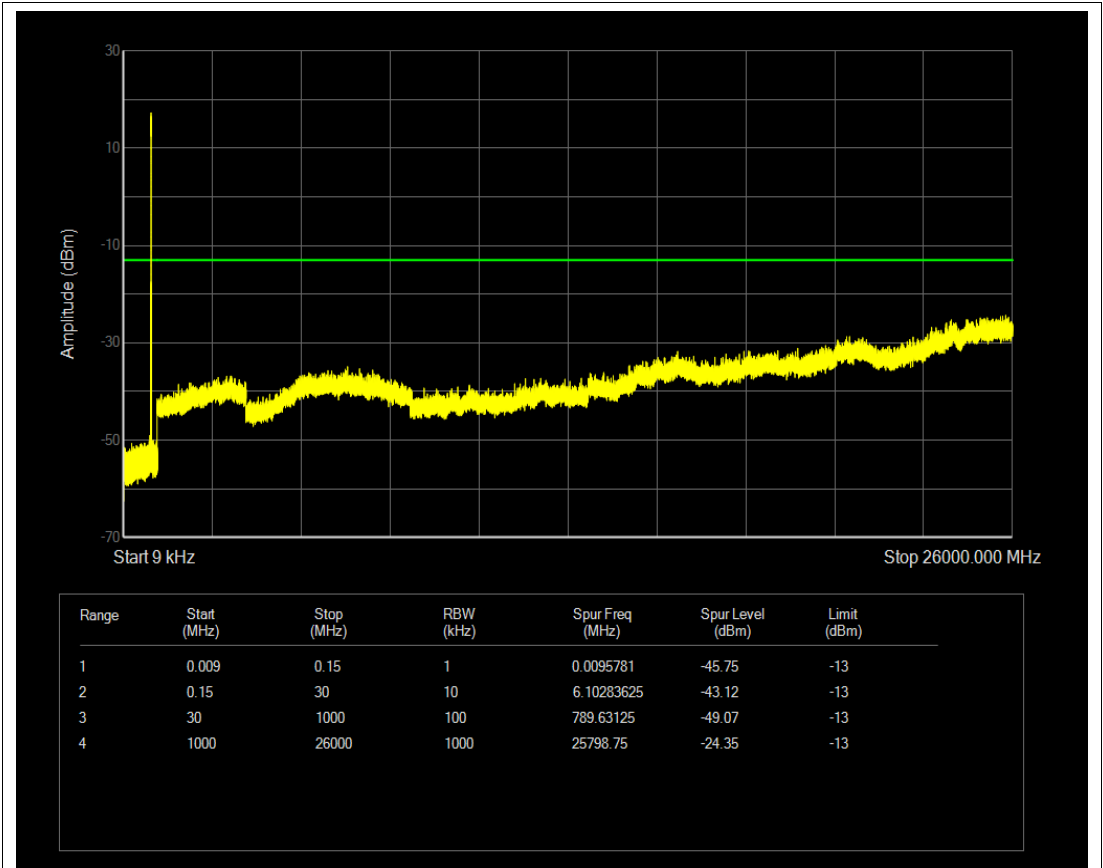
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



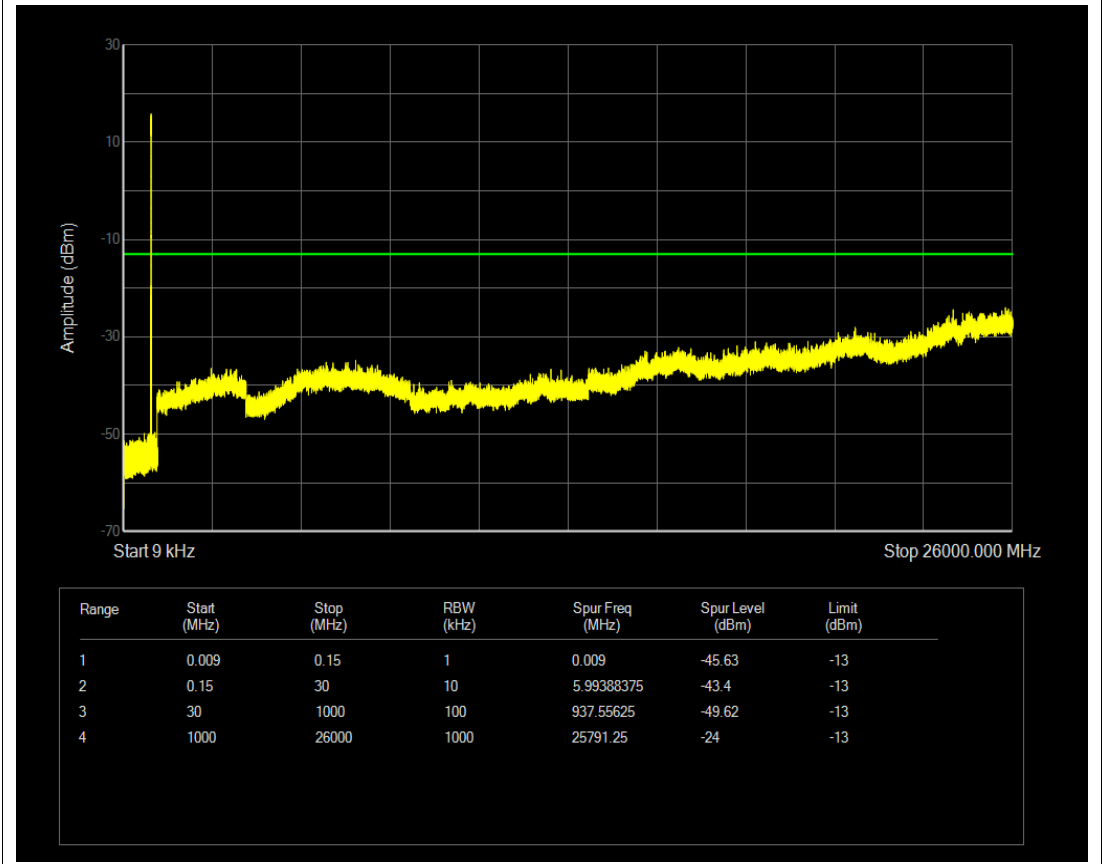
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



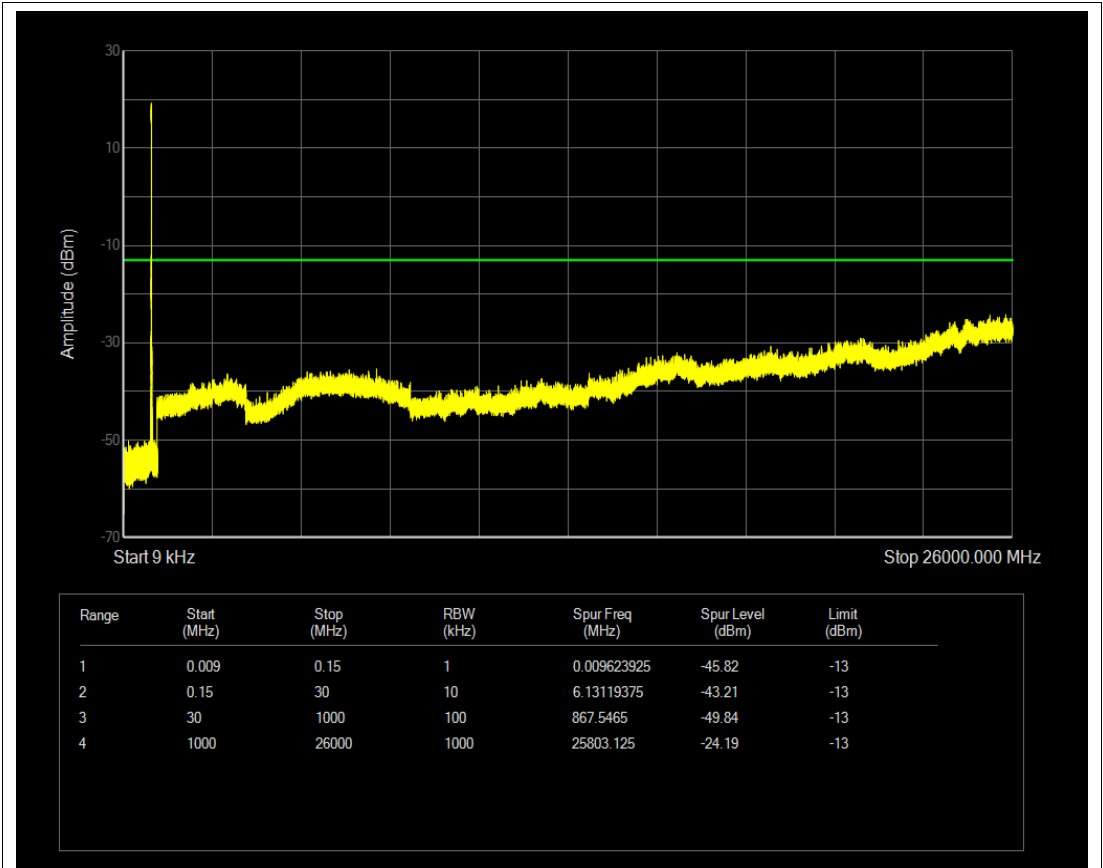
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



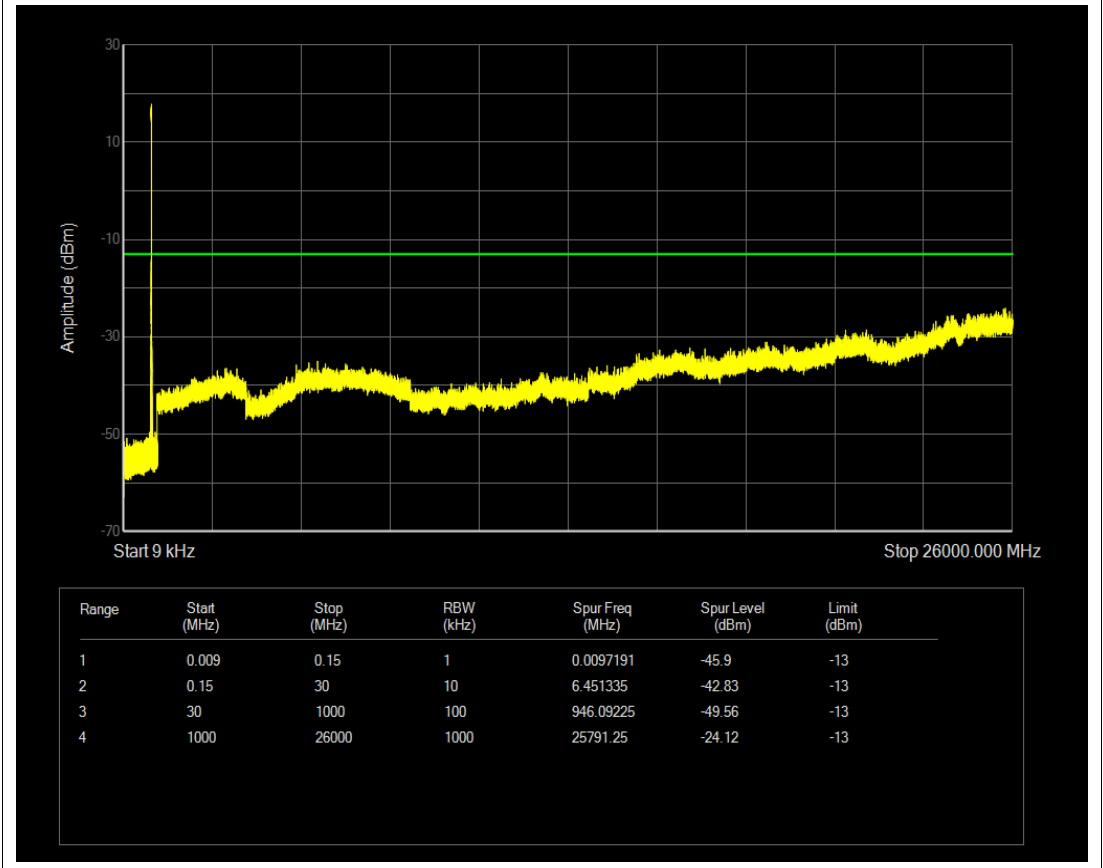
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



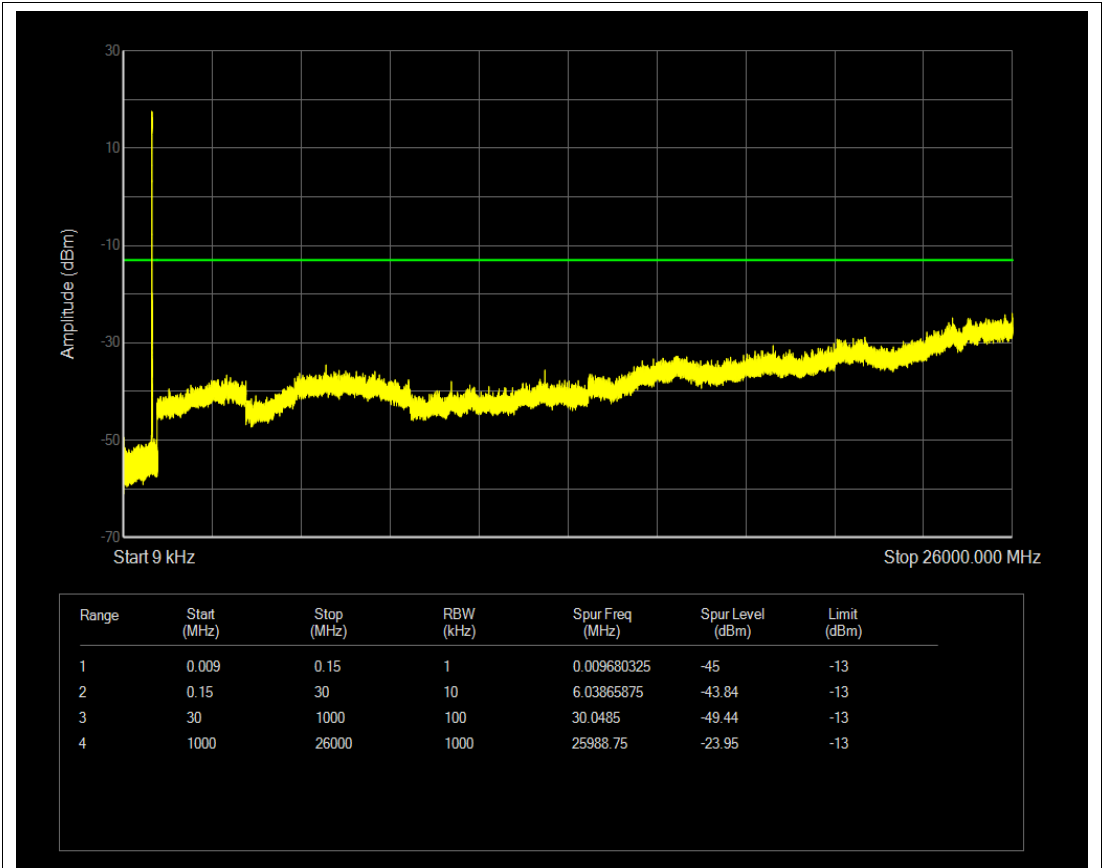
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



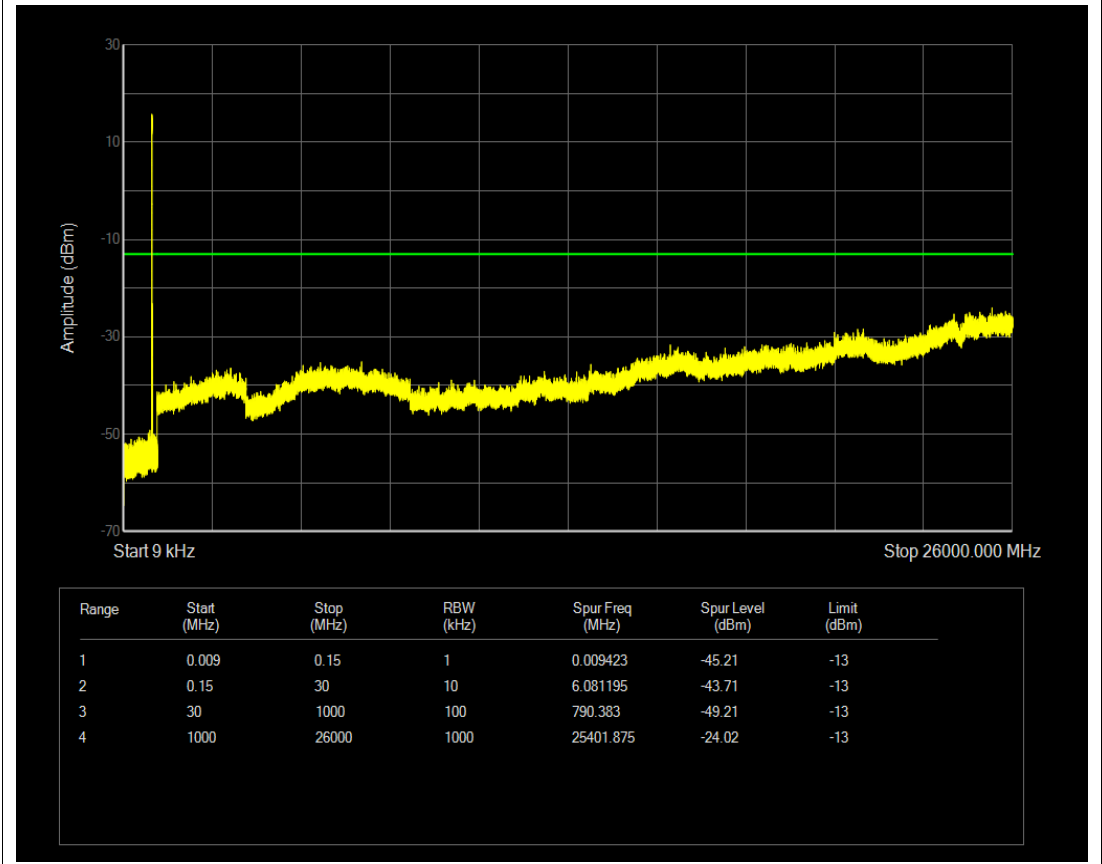
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



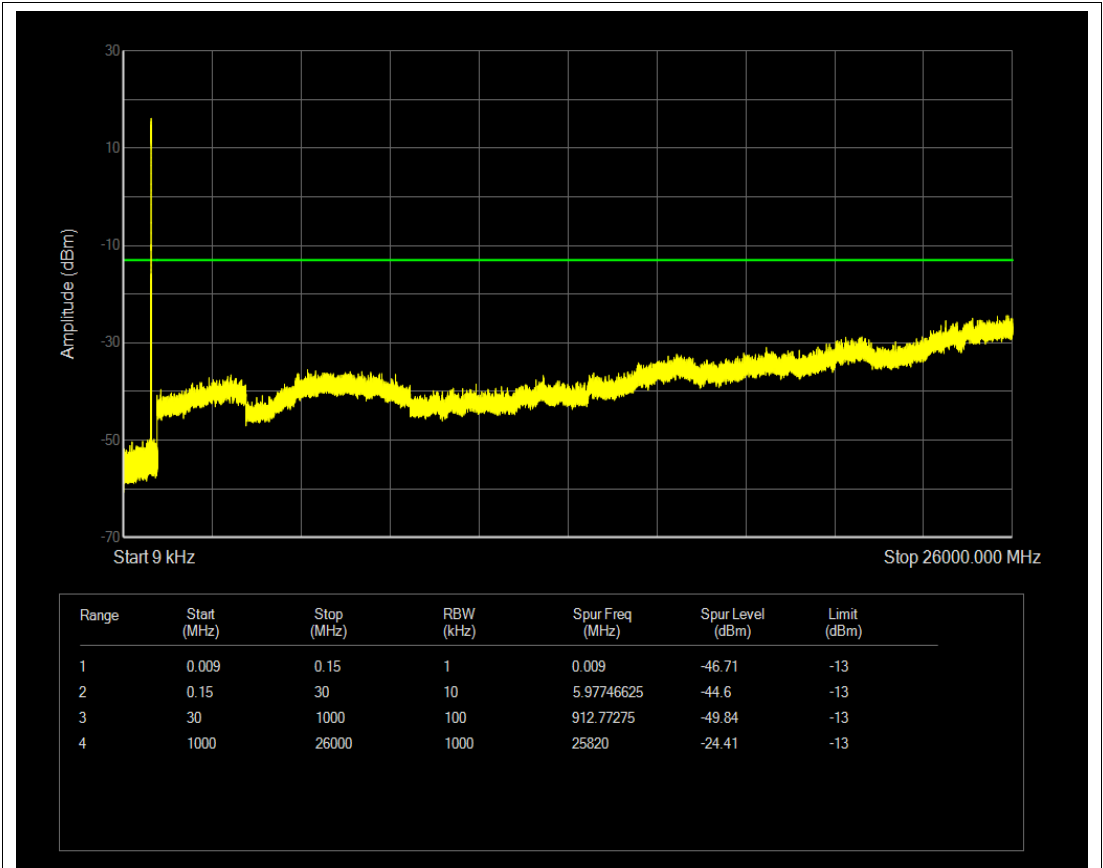
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



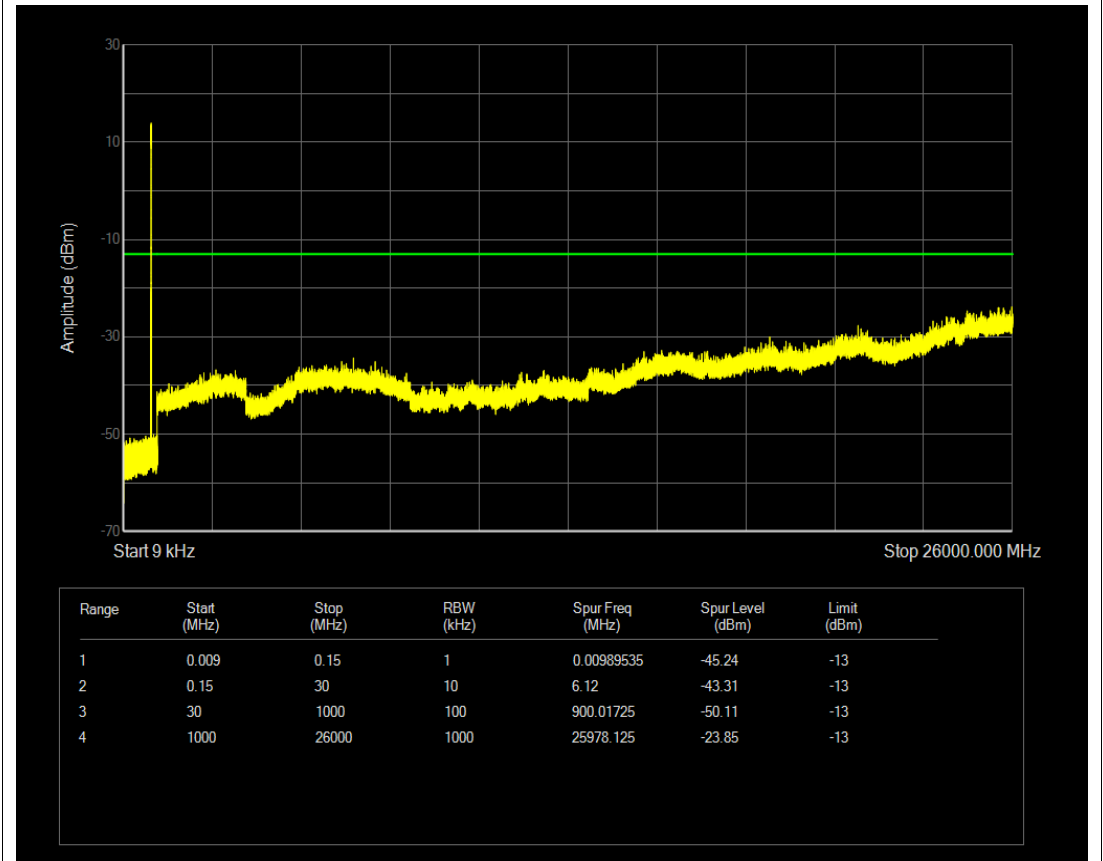
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



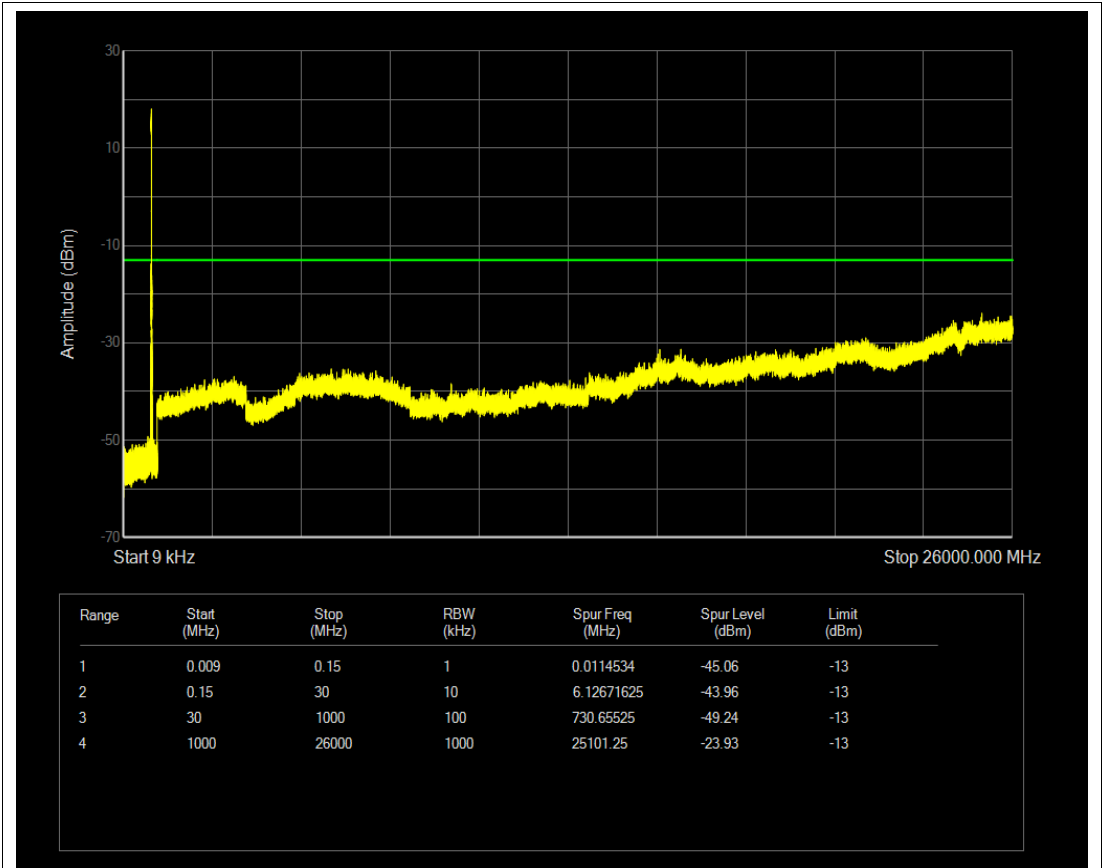
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



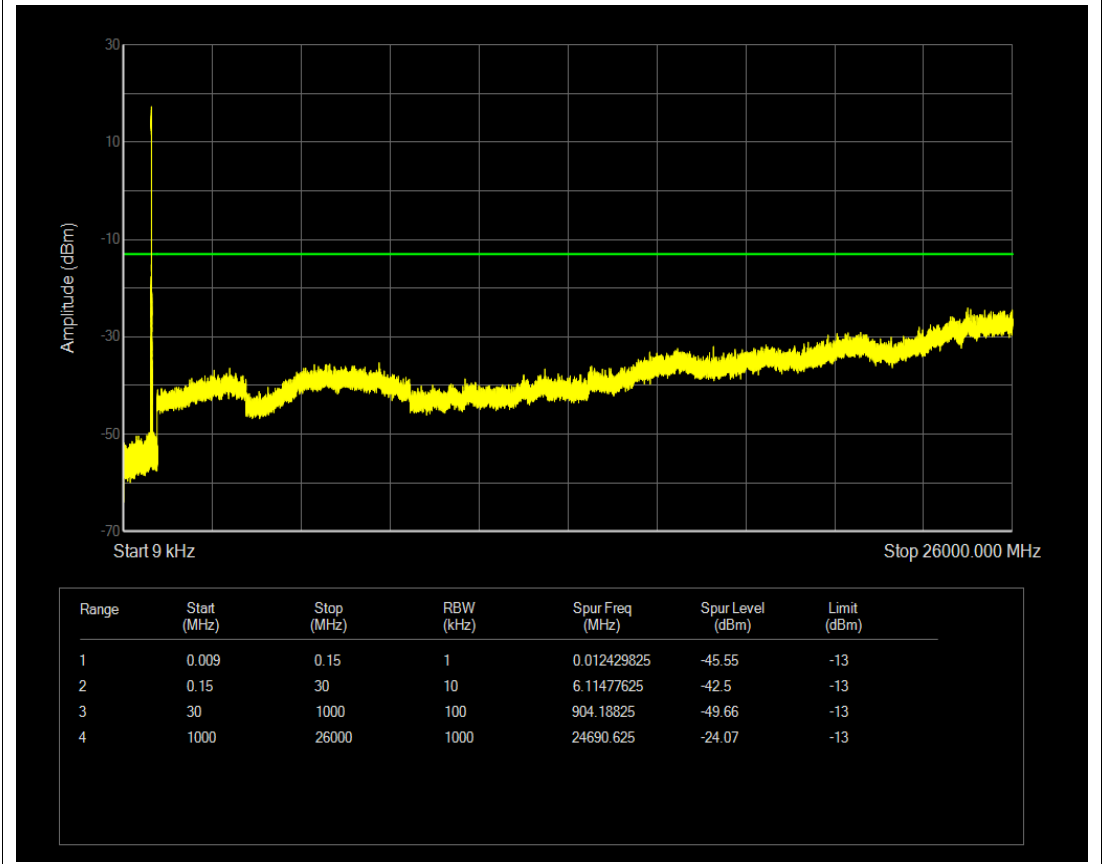
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



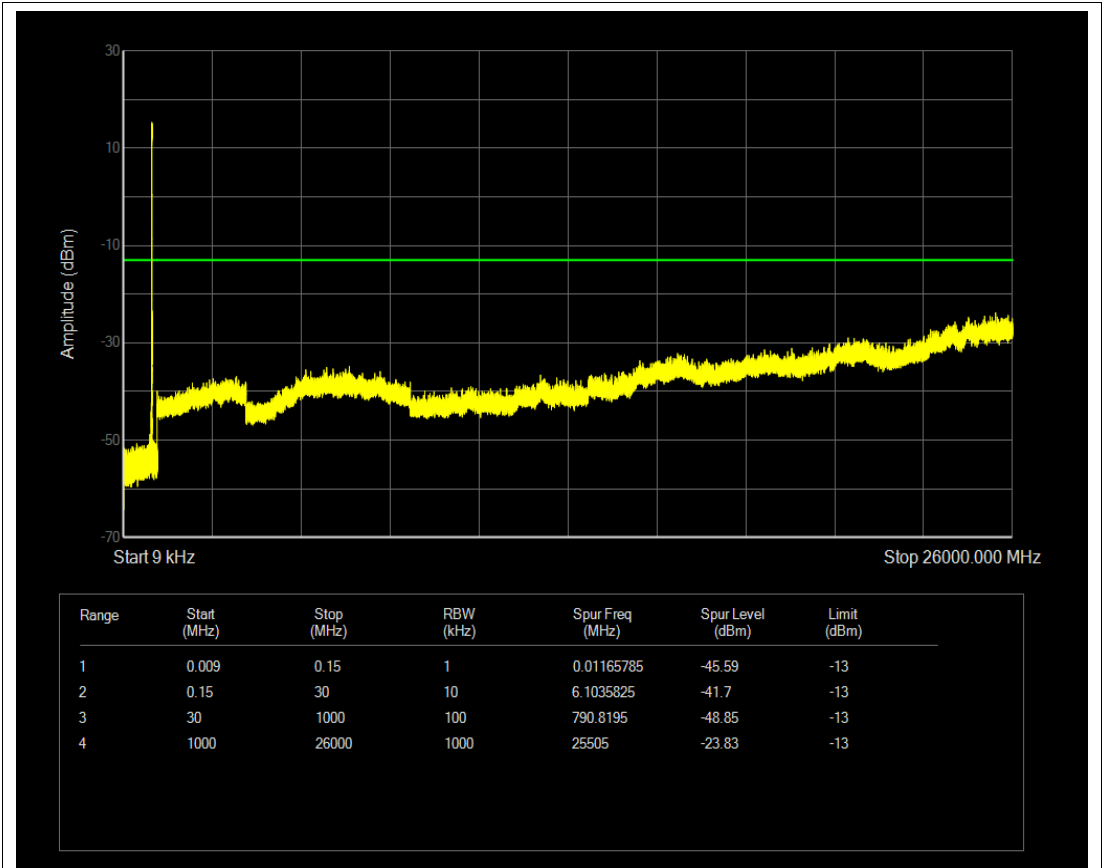
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



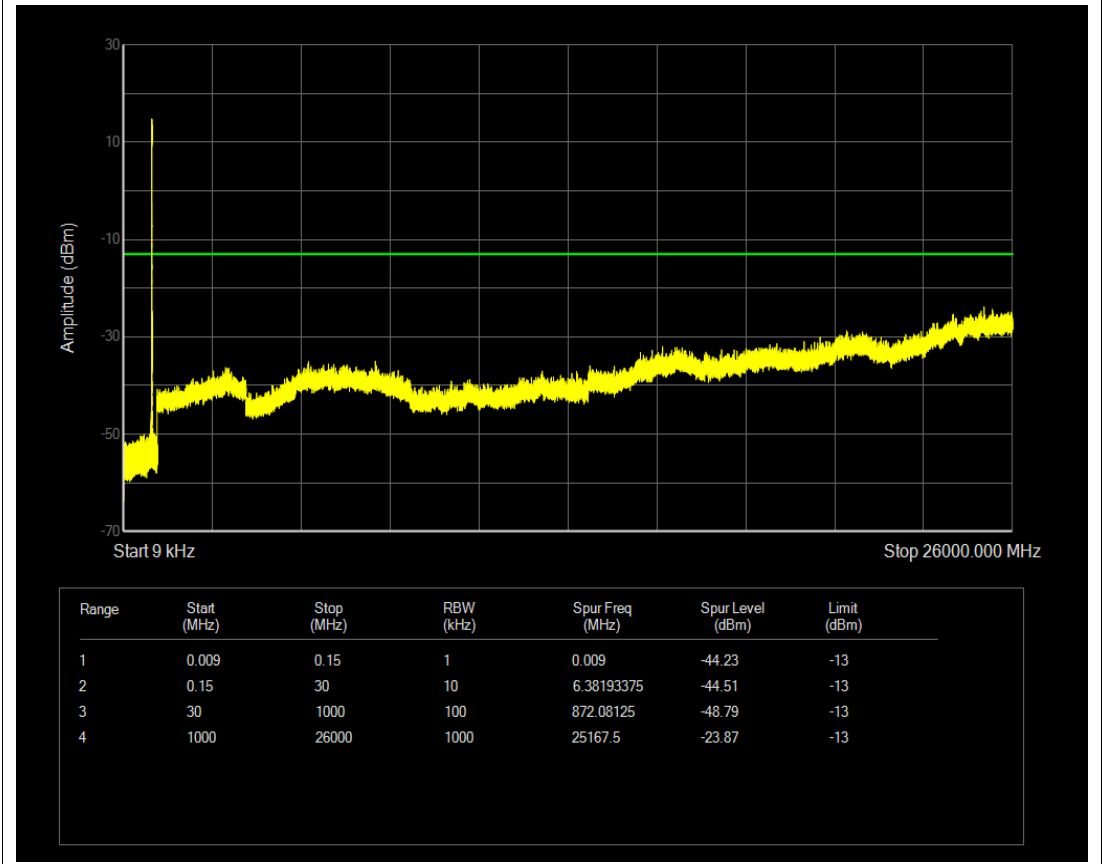
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



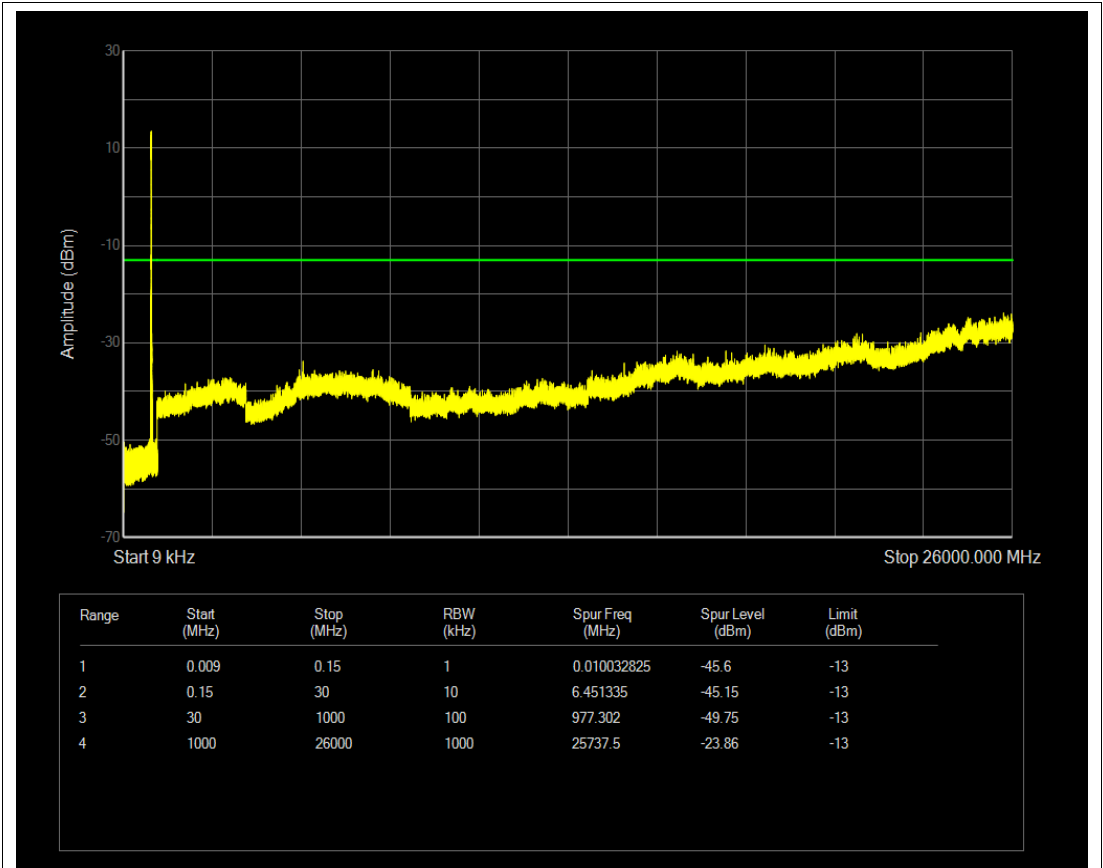
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



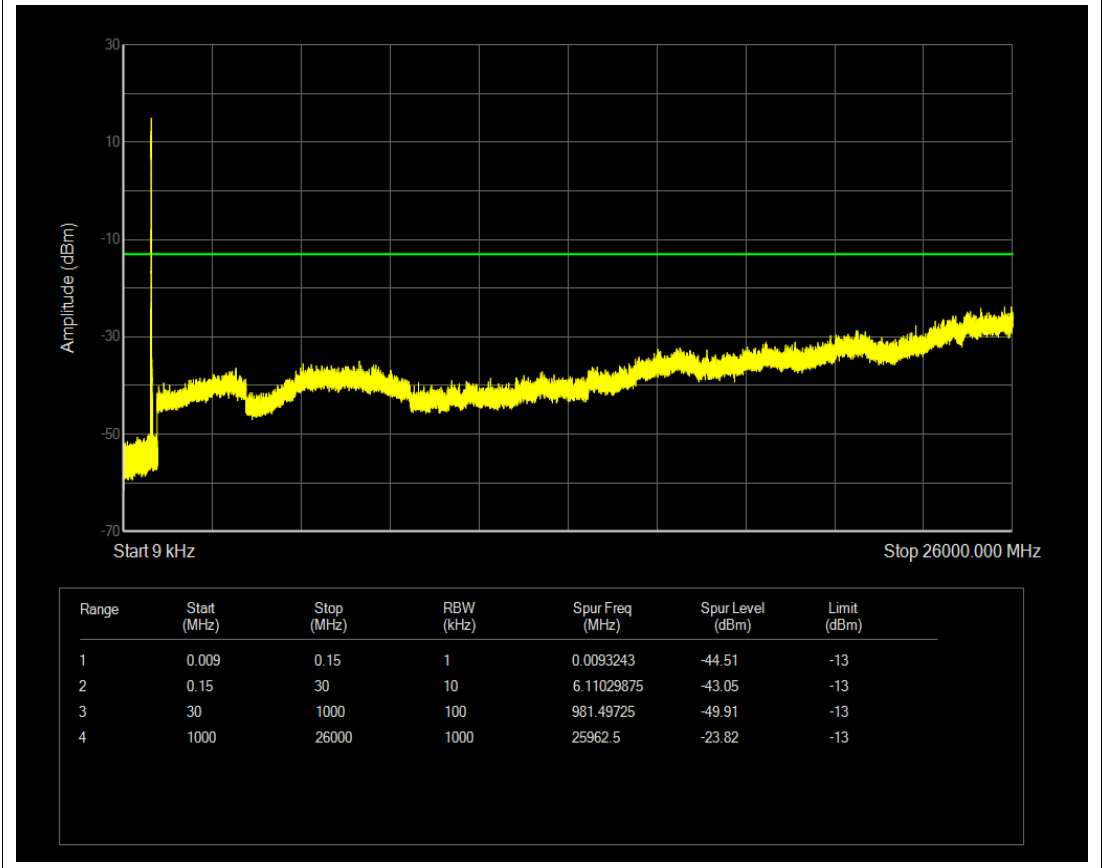
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



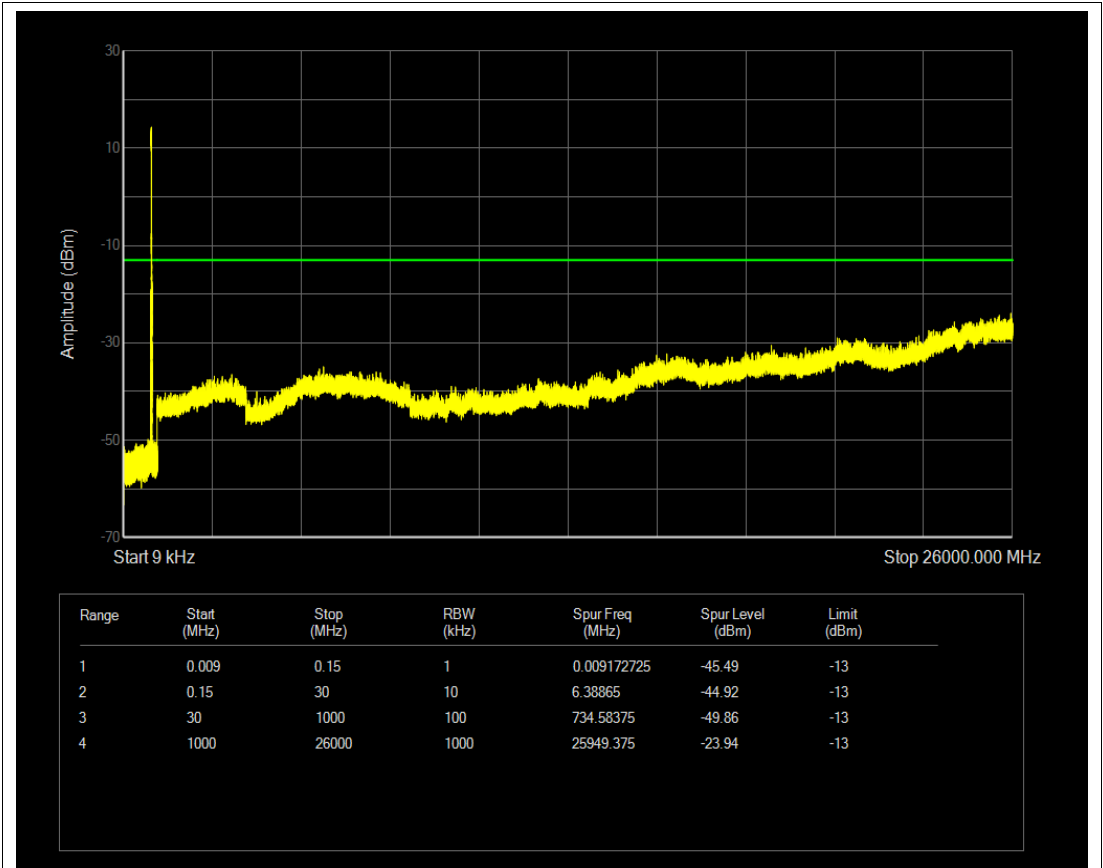
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



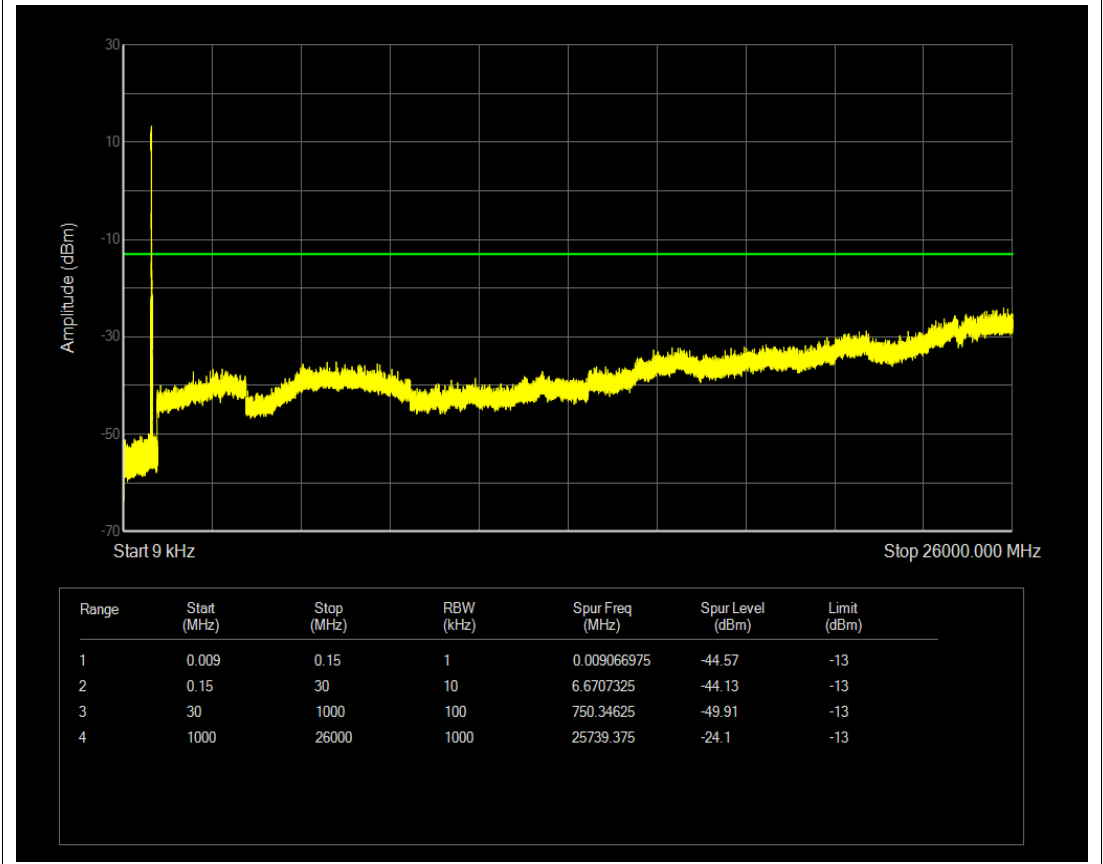
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



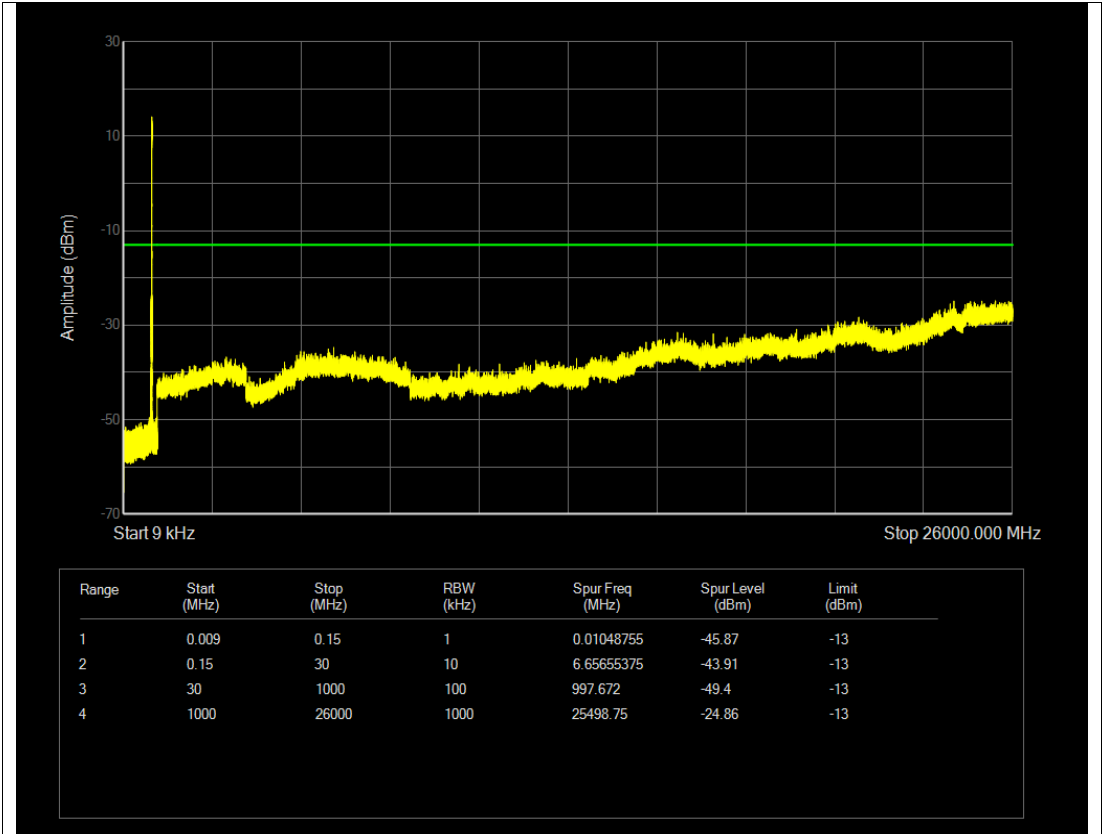
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



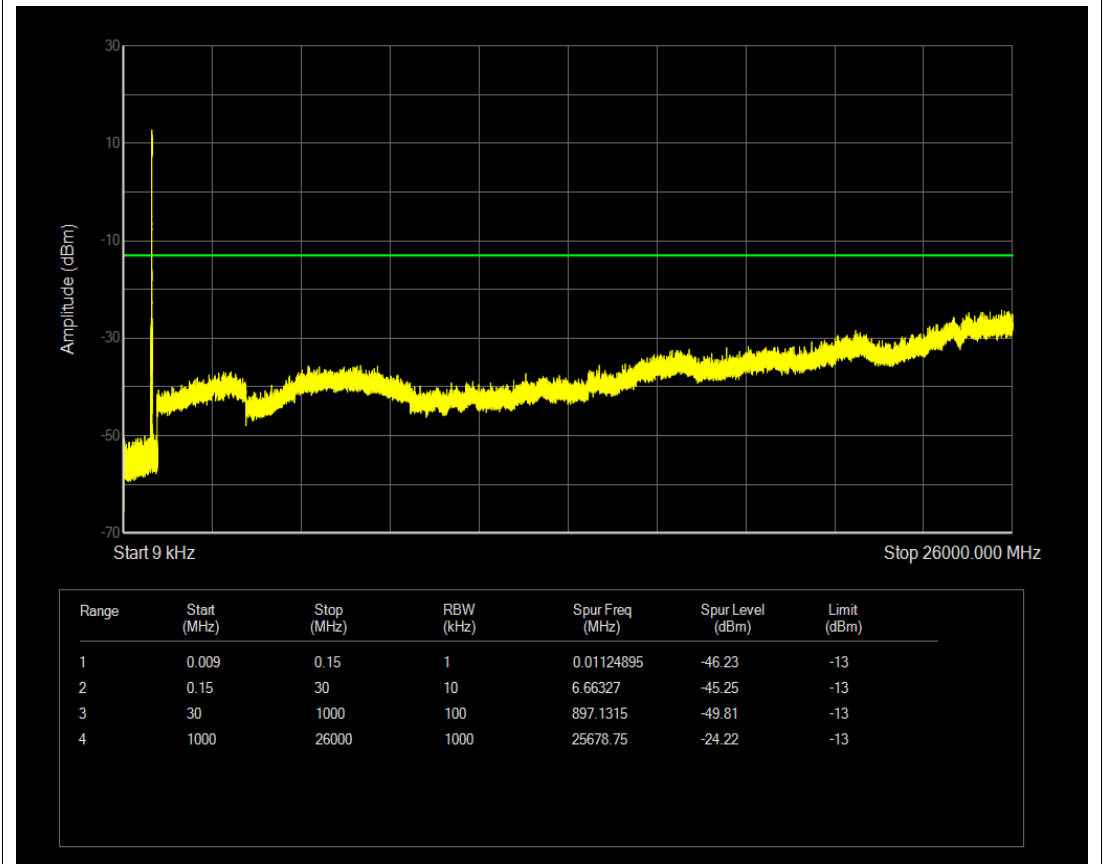
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



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



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



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