

Appendix for Band 5

Report No.: BCTC2502816024-2E

Applicant: BYD Auto Industry Company Limited

Product Name: In-vehicle Multimedia Host

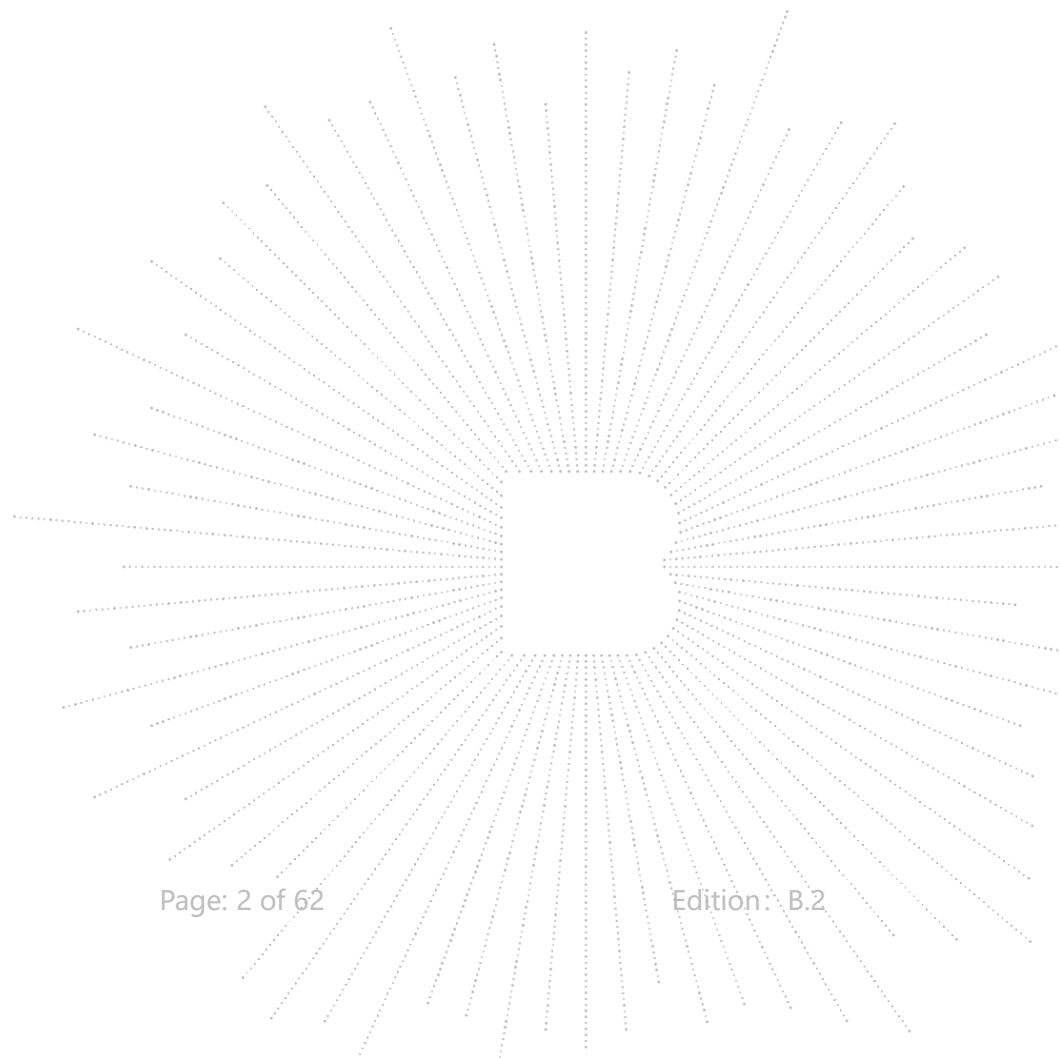
Test Model: MTCV03

Tested Date: 2025-02-24 to 2025-03-13

Shenzhen BCTC Testing Co., Ltd.

Contents

Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement	3
Appendix 2. Frequency stability.....	8
Appendix 3. Peak-to-Average Ratio	15
Appendix 4. Occupied bandwidth	28
Appendix 5. Band edge	41
Appendix 6. Out-of-band emissions	50



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

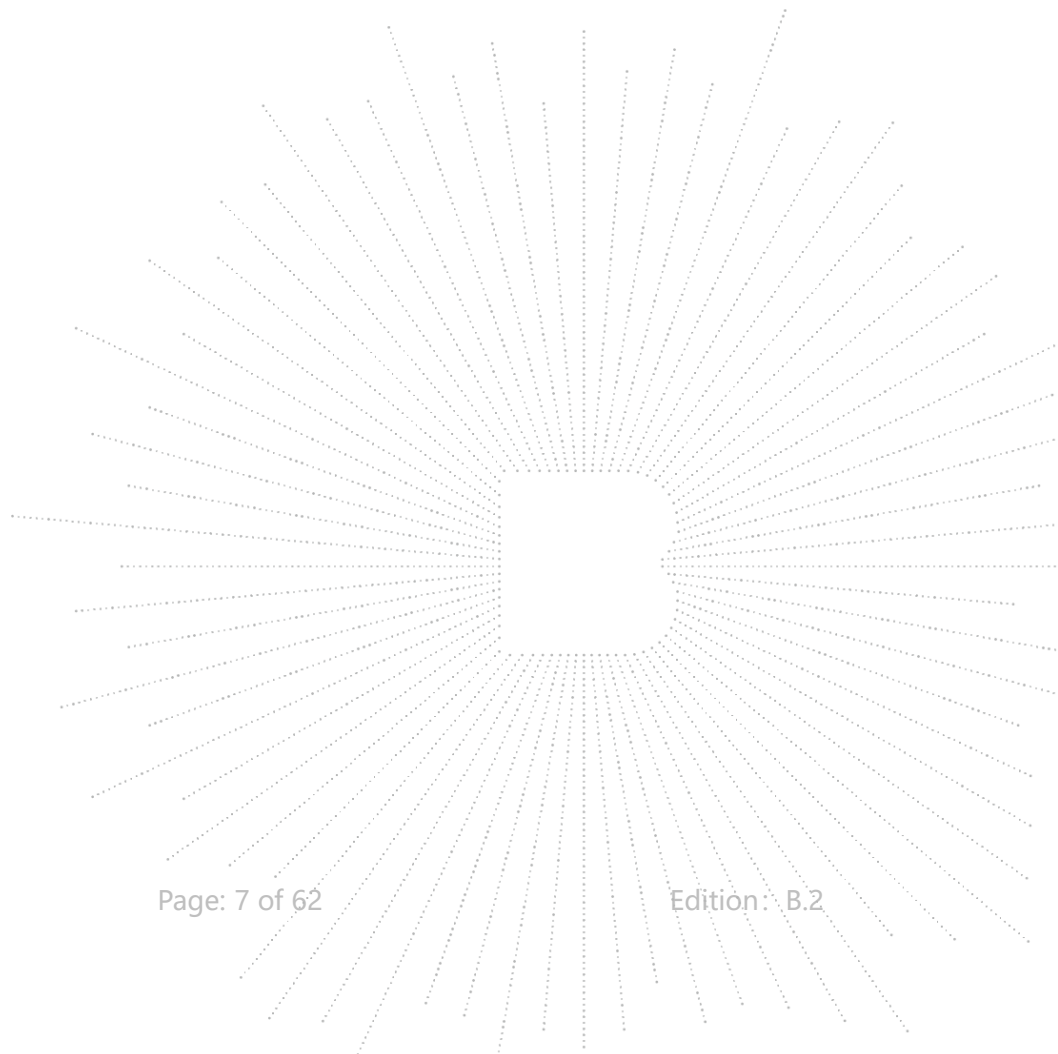
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	22.69	-3.17	17.37	PASS
Band5	1.4	20407	1	#Mid	QPSK	22.87	-3.17	17.55	PASS
Band5	1.4	20407	1	#Max	QPSK	22.82	-3.17	17.50	PASS
Band5	1.4	20407	3	#0	QPSK	22.84	-3.17	17.52	PASS
Band5	1.4	20407	3	#Mid	QPSK	22.90	-3.17	17.58	PASS
Band5	1.4	20407	3	#Max	QPSK	22.87	-3.17	17.55	PASS
Band5	1.4	20407	6	#0	QPSK	21.91	-3.17	16.59	PASS
Band5	1.4	20407	1	#0	16QAM	22.04	-3.17	16.72	PASS
Band5	1.4	20407	1	#Mid	16QAM	22.17	-3.17	16.85	PASS
Band5	1.4	20407	1	#Max	16QAM	22.21	-3.17	16.89	PASS
Band5	1.4	20407	3	#0	16QAM	22.19	-3.17	16.87	PASS
Band5	1.4	20407	3	#Mid	16QAM	22.28	-3.17	16.96	PASS
Band5	1.4	20407	3	#Max	16QAM	22.23	-3.17	16.91	PASS
Band5	1.4	20407	6	#0	16QAM	21.11	-3.17	15.79	PASS
Band5	1.4	20525	1	#0	QPSK	22.67	-3.17	17.35	PASS
Band5	1.4	20525	1	#Mid	QPSK	22.78	-3.17	17.46	PASS
Band5	1.4	20525	1	#Max	QPSK	22.72	-3.17	17.40	PASS
Band5	1.4	20525	3	#0	QPSK	22.63	-3.17	17.31	PASS
Band5	1.4	20525	3	#Mid	QPSK	22.65	-3.17	17.33	PASS
Band5	1.4	20525	3	#Max	QPSK	22.67	-3.17	17.35	PASS
Band5	1.4	20525	6	#0	QPSK	21.73	-3.17	16.41	PASS
Band5	1.4	20525	1	#0	16QAM	21.59	-3.17	16.27	PASS
Band5	1.4	20525	1	#Mid	16QAM	21.64	-3.17	16.32	PASS
Band5	1.4	20525	1	#Max	16QAM	21.71	-3.17	16.39	PASS
Band5	1.4	20525	3	#0	16QAM	21.84	-3.17	16.52	PASS
Band5	1.4	20525	3	#Mid	16QAM	21.93	-3.17	16.61	PASS
Band5	1.4	20525	3	#Max	16QAM	21.97	-3.17	16.65	PASS
Band5	1.4	20525	6	#0	16QAM	20.92	-3.17	15.60	PASS
Band5	1.4	20643	1	#0	QPSK	22.66	-3.17	17.34	PASS
Band5	1.4	20643	1	#Mid	QPSK	22.74	-3.17	17.42	PASS
Band5	1.4	20643	1	#Max	QPSK	22.72	-3.17	17.40	PASS
Band5	1.4	20643	3	#0	QPSK	22.56	-3.17	17.24	PASS
Band5	1.4	20643	3	#Mid	QPSK	22.65	-3.17	17.33	PASS
Band5	1.4	20643	3	#Max	QPSK	22.63	-3.17	17.31	PASS
Band5	1.4	20643	6	#0	QPSK	21.80	-3.17	16.48	PASS
Band5	1.4	20643	1	#0	16QAM	21.80	-3.17	16.48	PASS

Band5	1.4	20643	1	#Mid	16QAM	21.87	-3.17	16.55	PASS
Band5	1.4	20643	1	#Max	16QAM	21.85	-3.17	16.53	PASS
Band5	1.4	20643	3	#0	16QAM	21.83	-3.17	16.51	PASS
Band5	1.4	20643	3	#Mid	16QAM	21.91	-3.17	16.59	PASS
Band5	1.4	20643	3	#Max	16QAM	21.87	-3.17	16.55	PASS
Band5	1.4	20643	6	#0	16QAM	20.93	-3.17	15.61	PASS
Band5	3	20415	1	#0	QPSK	22.69	-3.17	17.37	PASS
Band5	3	20415	1	#Mid	QPSK	22.78	-3.17	17.46	PASS
Band5	3	20415	1	#Max	QPSK	22.85	-3.17	17.53	PASS
Band5	3	20415	8	#0	QPSK	21.93	-3.17	16.61	PASS
Band5	3	20415	8	#Mid	QPSK	22.06	-3.17	16.74	PASS
Band5	3	20415	8	#Max	QPSK	22.05	-3.17	16.73	PASS
Band5	3	20415	15	#0	QPSK	22.01	-3.17	16.69	PASS
Band5	3	20415	1	#0	16QAM	22.30	-3.17	16.98	PASS
Band5	3	20415	1	#Mid	16QAM	22.38	-3.17	17.06	PASS
Band5	3	20415	1	#Max	16QAM	22.44	-3.17	17.12	PASS
Band5	3	20415	8	#0	16QAM	20.94	-3.17	15.62	PASS
Band5	3	20415	8	#Mid	16QAM	21.09	-3.17	15.77	PASS
Band5	3	20415	8	#Max	16QAM	21.06	-3.17	15.74	PASS
Band5	3	20415	15	#0	16QAM	21.13	-3.17	15.81	PASS
Band5	3	20525	1	#0	QPSK	22.59	-3.17	17.27	PASS
Band5	3	20525	1	#Mid	QPSK	22.77	-3.17	17.45	PASS
Band5	3	20525	1	#Max	QPSK	22.71	-3.17	17.39	PASS
Band5	3	20525	8	#0	QPSK	21.76	-3.17	16.44	PASS
Band5	3	20525	8	#Mid	QPSK	21.83	-3.17	16.51	PASS
Band5	3	20525	8	#Max	QPSK	21.88	-3.17	16.56	PASS
Band5	3	20525	15	#0	QPSK	21.81	-3.17	16.49	PASS
Band5	3	20525	1	#0	16QAM	21.94	-3.17	16.62	PASS
Band5	3	20525	1	#Mid	16QAM	22.01	-3.17	16.69	PASS
Band5	3	20525	1	#Max	16QAM	22.05	-3.17	16.73	PASS
Band5	3	20525	8	#0	16QAM	20.79	-3.17	15.47	PASS
Band5	3	20525	8	#Mid	16QAM	20.88	-3.17	15.56	PASS
Band5	3	20525	8	#Max	16QAM	20.88	-3.17	15.56	PASS
Band5	3	20525	15	#0	16QAM	20.79	-3.17	15.47	PASS
Band5	3	20635	1	#0	QPSK	22.59	-3.17	17.27	PASS
Band5	3	20635	1	#Mid	QPSK	22.77	-3.17	17.45	PASS
Band5	3	20635	1	#Max	QPSK	22.84	-3.17	17.52	PASS
Band5	3	20635	8	#0	QPSK	21.71	-3.17	16.39	PASS
Band5	3	20635	8	#Mid	QPSK	21.76	-3.17	16.44	PASS
Band5	3	20635	8	#Max	QPSK	21.86	-3.17	16.54	PASS
Band5	3	20635	15	#0	QPSK	21.76	-3.17	16.44	PASS
Band5	3	20635	1	#0	16QAM	21.57	-3.17	16.25	PASS
Band5	3	20635	1	#Mid	16QAM	21.63	-3.17	16.31	PASS

Band5	3	20635	1	#Max	16QAM	21.68	-3.17	16.36	PASS
Band5	3	20635	8	#0	16QAM	20.70	-3.17	15.38	PASS
Band5	3	20635	8	#Mid	16QAM	20.76	-3.17	15.44	PASS
Band5	3	20635	8	#Max	16QAM	20.84	-3.17	15.52	PASS
Band5	3	20635	15	#0	16QAM	20.80	-3.17	15.48	PASS
Band5	5	20425	1	#0	QPSK	22.79	-3.17	17.47	PASS
Band5	5	20425	1	#Mid	QPSK	22.88	-3.17	17.56	PASS
Band5	5	20425	1	#Max	QPSK	22.88	-3.17	17.56	PASS
Band5	5	20425	12	#0	QPSK	21.93	-3.17	16.61	PASS
Band5	5	20425	12	#Mid	QPSK	22.03	-3.17	16.71	PASS
Band5	5	20425	12	#Max	QPSK	22.03	-3.17	16.71	PASS
Band5	5	20425	25	#0	QPSK	22.03	-3.17	16.71	PASS
Band5	5	20425	1	#0	16QAM	22.44	-3.17	17.12	PASS
Band5	5	20425	1	#Mid	16QAM	22.54	-3.17	17.22	PASS
Band5	5	20425	1	#Max	16QAM	22.51	-3.17	17.19	PASS
Band5	5	20425	12	#0	16QAM	20.99	-3.17	15.67	PASS
Band5	5	20425	12	#Mid	16QAM	21.05	-3.17	15.73	PASS
Band5	5	20425	12	#Max	16QAM	21.10	-3.17	15.78	PASS
Band5	5	20425	25	#0	16QAM	21.00	-3.17	15.68	PASS
Band5	5	20525	1	#0	QPSK	22.72	-3.17	17.40	PASS
Band5	5	20525	1	#Mid	QPSK	22.84	-3.17	17.52	PASS
Band5	5	20525	1	#Max	QPSK	22.73	-3.17	17.41	PASS
Band5	5	20525	12	#0	QPSK	21.80	-3.17	16.48	PASS
Band5	5	20525	12	#Mid	QPSK	21.81	-3.17	16.49	PASS
Band5	5	20525	12	#Max	QPSK	21.87	-3.17	16.55	PASS
Band5	5	20525	25	#0	QPSK	21.79	-3.17	16.47	PASS
Band5	5	20525	1	#0	16QAM	22.12	-3.17	16.80	PASS
Band5	5	20525	1	#Mid	16QAM	22.16	-3.17	16.84	PASS
Band5	5	20525	1	#Max	16QAM	22.14	-3.17	16.82	PASS
Band5	5	20525	12	#0	16QAM	20.74	-3.17	15.42	PASS
Band5	5	20525	12	#Mid	16QAM	20.82	-3.17	15.50	PASS
Band5	5	20525	12	#Max	16QAM	20.87	-3.17	15.55	PASS
Band5	5	20525	25	#0	16QAM	20.83	-3.17	15.51	PASS
Band5	5	20625	1	#0	QPSK	22.55	-3.17	17.23	PASS
Band5	5	20625	1	#Mid	QPSK	22.63	-3.17	17.31	PASS
Band5	5	20625	1	#Max	QPSK	22.64	-3.17	17.32	PASS
Band5	5	20625	12	#0	QPSK	21.69	-3.17	16.37	PASS
Band5	5	20625	12	#Mid	QPSK	21.76	-3.17	16.44	PASS
Band5	5	20625	12	#Max	QPSK	21.85	-3.17	16.53	PASS
Band5	5	20625	25	#0	QPSK	21.72	-3.17	16.40	PASS
Band5	5	20625	1	#0	16QAM	22.01	-3.17	16.69	PASS
Band5	5	20625	1	#Mid	16QAM	22.10	-3.17	16.78	PASS
Band5	5	20625	1	#Max	16QAM	22.03	-3.17	16.71	PASS

Band5	5	20625	12	#0	16QAM	20.69	-3.17	15.37	PASS
Band5	5	20625	12	#Mid	16QAM	20.78	-3.17	15.46	PASS
Band5	5	20625	12	#Max	16QAM	20.86	-3.17	15.54	PASS
Band5	5	20625	25	#0	16QAM	20.71	-3.17	15.39	PASS
Band5	10	20450	1	#0	QPSK	22.74	-3.17	17.42	PASS
Band5	10	20450	1	#Mid	QPSK	22.65	-3.17	17.33	PASS
Band5	10	20450	1	#Max	QPSK	22.70	-3.17	17.38	PASS
Band5	10	20450	25	#0	QPSK	22.02	-3.17	16.70	PASS
Band5	10	20450	25	#Mid	QPSK	22.00	-3.17	16.68	PASS
Band5	10	20450	25	#Max	QPSK	21.92	-3.17	16.60	PASS
Band5	10	20450	50	#0	QPSK	21.94	-3.17	16.62	PASS
Band5	10	20450	1	#0	16QAM	22.33	-3.17	17.01	PASS
Band5	10	20450	1	#Mid	16QAM	22.31	-3.17	16.99	PASS
Band5	10	20450	1	#Max	16QAM	22.21	-3.17	16.89	PASS
Band5	10	20450	25	#0	16QAM	21.02	-3.17	15.70	PASS
Band5	10	20450	25	#Mid	16QAM	21.04	-3.17	15.72	PASS
Band5	10	20450	25	#Max	16QAM	20.97	-3.17	15.65	PASS
Band5	10	20450	50	#0	16QAM	21.01	-3.17	15.69	PASS
Band5	10	20525	1	#0	QPSK	22.73	-3.17	17.41	PASS
Band5	10	20525	1	#Mid	QPSK	22.59	-3.17	17.27	PASS
Band5	10	20525	1	#Max	QPSK	22.60	-3.17	17.28	PASS
Band5	10	20525	25	#0	QPSK	21.92	-3.17	16.60	PASS
Band5	10	20525	25	#Mid	QPSK	21.88	-3.17	16.56	PASS
Band5	10	20525	25	#Max	QPSK	21.81	-3.17	16.49	PASS
Band5	10	20525	50	#0	QPSK	21.85	-3.17	16.53	PASS
Band5	10	20525	1	#0	16QAM	22.02	-3.17	16.70	PASS
Band5	10	20525	1	#Mid	16QAM	21.78	-3.17	16.46	PASS
Band5	10	20525	1	#Max	16QAM	21.81	-3.17	16.49	PASS
Band5	10	20525	25	#0	16QAM	20.94	-3.17	15.62	PASS
Band5	10	20525	25	#Mid	16QAM	20.89	-3.17	15.57	PASS
Band5	10	20525	25	#Max	16QAM	20.82	-3.17	15.50	PASS
Band5	10	20525	50	#0	16QAM	20.88	-3.17	15.56	PASS
Band5	10	20600	1	#0	QPSK	22.74	-3.17	17.42	PASS
Band5	10	20600	1	#Mid	QPSK	22.56	-3.17	17.24	PASS
Band5	10	20600	1	#Max	QPSK	22.64	-3.17	17.32	PASS
Band5	10	20600	25	#0	QPSK	21.80	-3.17	16.48	PASS
Band5	10	20600	25	#Mid	QPSK	21.77	-3.17	16.45	PASS
Band5	10	20600	25	#Max	QPSK	21.76	-3.17	16.44	PASS
Band5	10	20600	50	#0	QPSK	21.75	-3.17	16.43	PASS
Band5	10	20600	1	#0	16QAM	21.65	-3.17	16.33	PASS
Band5	10	20600	1	#Mid	16QAM	21.39	-3.17	16.07	PASS
Band5	10	20600	1	#Max	16QAM	21.48	-3.17	16.16	PASS
Band5	10	20600	25	#0	16QAM	20.80	-3.17	15.48	PASS

Band5	10	20600	25	#Mid	16QAM	20.79	-3.17	15.47	PASS
Band5	10	20600	25	#Max	16QAM	20.76	-3.17	15.44	PASS
Band5	10	20600	50	#0	16QAM	20.70	-3.17	15.38	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	6.24	0.008	PASS
Band5	1.4	20407	6	#0	QPSK	NV	NT	6.69	0.008	PASS
Band5	1.4	20407	6	#0	QPSK	HV	NT	8.88	0.011	PASS
Band5	1.4	20407	6	#0	16QAM	LV	NT	2.45	0.003	PASS
Band5	1.4	20407	6	#0	16QAM	NV	NT	3.56	0.004	PASS
Band5	1.4	20407	6	#0	16QAM	HV	NT	4.39	0.005	PASS
Band5	1.4	20525	6	#0	QPSK	LV	NT	-13.78	-0.016	PASS
Band5	1.4	20525	6	#0	QPSK	NV	NT	-14.76	-0.018	PASS
Band5	1.4	20525	6	#0	QPSK	HV	NT	-18.67	-0.022	PASS
Band5	1.4	20525	6	#0	16QAM	LV	NT	-20.28	-0.024	PASS
Band5	1.4	20525	6	#0	16QAM	NV	NT	-21.37	-0.026	PASS
Band5	1.4	20525	6	#0	16QAM	HV	NT	-22.42	-0.027	PASS
Band5	1.4	20643	6	#0	QPSK	LV	NT	-17.51	-0.021	PASS
Band5	1.4	20643	6	#0	QPSK	NV	NT	-15.64	-0.018	PASS
Band5	1.4	20643	6	#0	QPSK	HV	NT	-13.88	-0.016	PASS
Band5	1.4	20643	6	#0	16QAM	LV	NT	-14.23	-0.017	PASS
Band5	1.4	20643	6	#0	16QAM	NV	NT	-14.93	-0.018	PASS
Band5	1.4	20643	6	#0	16QAM	HV	NT	-15.75	-0.019	PASS
Band5	3	20415	15	#0	QPSK	LV	NT	-4.29	-0.005	PASS
Band5	3	20415	15	#0	QPSK	NV	NT	-0.90	-0.001	PASS
Band5	3	20415	15	#0	QPSK	HV	NT	-0.07	0.000	PASS
Band5	3	20415	15	#0	16QAM	LV	NT	-8.34	-0.010	PASS
Band5	3	20415	15	#0	16QAM	NV	NT	-7.64	-0.009	PASS
Band5	3	20415	15	#0	16QAM	HV	NT	-8.40	-0.010	PASS
Band5	3	20525	15	#0	QPSK	LV	NT	2.69	0.003	PASS
Band5	3	20525	15	#0	QPSK	NV	NT	3.02	0.004	PASS
Band5	3	20525	15	#0	QPSK	HV	NT	2.89	0.003	PASS
Band5	3	20525	15	#0	16QAM	LV	NT	1.44	0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	NT	0.87	0.001	PASS
Band5	3	20525	15	#0	16QAM	HV	NT	-0.41	0.000	PASS
Band5	3	20635	15	#0	QPSK	LV	NT	1.85	0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	NT	3.43	0.004	PASS
Band5	3	20635	15	#0	QPSK	HV	NT	3.60	0.004	PASS
Band5	3	20635	15	#0	16QAM	LV	NT	2.96	0.003	PASS
Band5	3	20635	15	#0	16QAM	NV	NT	2.43	0.003	PASS
Band5	3	20635	15	#0	16QAM	HV	NT	0.84	0.001	PASS
Band5	5	20425	25	#0	QPSK	LV	NT	0.44	0.001	PASS
Band5	5	20425	25	#0	QPSK	NV	NT	-2.26	-0.003	PASS

Band5	5	20425	25	#0	QPSK	HV	NT	-4.26	-0.005	PASS
Band5	5	20425	25	#0	16QAM	LV	NT	-3.88	-0.005	PASS
Band5	5	20425	25	#0	16QAM	NV	NT	-5.34	-0.006	PASS
Band5	5	20425	25	#0	16QAM	HV	NT	2.35	0.003	PASS
Band5	5	20525	25	#0	QPSK	LV	NT	-2.93	-0.004	PASS
Band5	5	20525	25	#0	QPSK	NV	NT	-3.81	-0.005	PASS
Band5	5	20525	25	#0	QPSK	HV	NT	-3.63	-0.004	PASS
Band5	5	20525	25	#0	16QAM	LV	NT	1.62	0.002	PASS
Band5	5	20525	25	#0	16QAM	NV	NT	2.40	0.003	PASS
Band5	5	20525	25	#0	16QAM	HV	NT	1.60	0.002	PASS
Band5	5	20625	25	#0	QPSK	LV	NT	-2.09	-0.002	PASS
Band5	5	20625	25	#0	QPSK	NV	NT	-2.39	-0.003	PASS
Band5	5	20625	25	#0	QPSK	HV	NT	-1.60	-0.002	PASS
Band5	5	20625	25	#0	16QAM	LV	NT	4.05	0.005	PASS
Band5	5	20625	25	#0	16QAM	NV	NT	4.33	0.005	PASS
Band5	5	20625	25	#0	16QAM	HV	NT	3.32	0.004	PASS
Band5	10	20450	50	#0	QPSK	LV	NT	-1.04	-0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	NT	1.86	0.002	PASS
Band5	10	20450	50	#0	QPSK	HV	NT	3.33	0.004	PASS
Band5	10	20450	50	#0	16QAM	LV	NT	1.07	0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	NT	-0.94	-0.001	PASS
Band5	10	20450	50	#0	16QAM	HV	NT	-4.11	-0.005	PASS
Band5	10	20525	50	#0	QPSK	LV	NT	-2.49	-0.003	PASS
Band5	10	20525	50	#0	QPSK	NV	NT	-2.85	-0.003	PASS
Band5	10	20525	50	#0	QPSK	HV	NT	-4.42	-0.005	PASS
Band5	10	20525	50	#0	16QAM	LV	NT	-2.89	-0.003	PASS
Band5	10	20525	50	#0	16QAM	NV	NT	0.92	0.001	PASS
Band5	10	20525	50	#0	16QAM	HV	NT	2.60	0.003	PASS
Band5	10	20600	50	#0	QPSK	LV	NT	-2.35	-0.003	PASS
Band5	10	20600	50	#0	QPSK	NV	NT	-1.93	-0.002	PASS
Band5	10	20600	50	#0	QPSK	HV	NT	-1.73	-0.002	PASS
Band5	10	20600	50	#0	16QAM	LV	NT	-3.32	-0.004	PASS
Band5	10	20600	50	#0	16QAM	NV	NT	0.37	0.000	PASS
Band5	10	20600	50	#0	16QAM	HV	NT	3.59	0.004	PASS

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	NV	-30	13.46	0.016	PASS
Band5	1.4	20407	6	#0	QPSK	NV	-20	14.83	0.018	PASS
Band5	1.4	20407	6	#0	QPSK	NV	-10	14.96	0.018	PASS
Band5	1.4	20407	6	#0	QPSK	NV	0	10.23	0.012	PASS
Band5	1.4	20407	6	#0	QPSK	NV	10	13.02	0.016	PASS
Band5	1.4	20407	6	#0	QPSK	NV	20	9.44	0.011	PASS

Band5	1.4	20407	6	#0	QPSK	NV	30	8.17	0.010	PASS
Band5	1.4	20407	6	#0	QPSK	NV	40	9.84	0.012	PASS
Band5	1.4	20407	6	#0	QPSK	NV	50	3.52	0.004	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-30	3.33	0.004	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-20	6.04	0.007	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-10	8.25	0.010	PASS
Band5	1.4	20407	6	#0	16QAM	NV	0	2.95	0.004	PASS
Band5	1.4	20407	6	#0	16QAM	NV	10	5.16	0.006	PASS
Band5	1.4	20407	6	#0	16QAM	NV	20	1.24	0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	30	3.08	0.004	PASS
Band5	1.4	20407	6	#0	16QAM	NV	40	0.03	0.000	PASS
Band5	1.4	20407	6	#0	16QAM	NV	50	0.74	0.001	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-30	-3.46	-0.004	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-20	-8.43	-0.010	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-10	-9.51	-0.011	PASS
Band5	1.4	20525	6	#0	QPSK	NV	0	-10.53	-0.013	PASS
Band5	1.4	20525	6	#0	QPSK	NV	10	-9.33	-0.011	PASS
Band5	1.4	20525	6	#0	QPSK	NV	20	-13.49	-0.016	PASS
Band5	1.4	20525	6	#0	QPSK	NV	30	-14.53	-0.017	PASS
Band5	1.4	20525	6	#0	QPSK	NV	40	-15.89	-0.019	PASS
Band5	1.4	20525	6	#0	QPSK	NV	50	-19.00	-0.023	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-30	-20.01	-0.024	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-20	-18.77	-0.022	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-10	-21.80	-0.026	PASS
Band5	1.4	20525	6	#0	16QAM	NV	0	-22.63	-0.027	PASS
Band5	1.4	20525	6	#0	16QAM	NV	10	-19.28	-0.023	PASS
Band5	1.4	20525	6	#0	16QAM	NV	20	-19.54	-0.023	PASS
Band5	1.4	20525	6	#0	16QAM	NV	30	-21.10	-0.025	PASS
Band5	1.4	20525	6	#0	16QAM	NV	40	-14.22	-0.017	PASS
Band5	1.4	20525	6	#0	16QAM	NV	50	-16.02	-0.019	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-30	10.96	0.013	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-20	15.35	0.018	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-10	14.29	0.017	PASS
Band5	1.4	20643	6	#0	QPSK	NV	0	12.25	0.014	PASS
Band5	1.4	20643	6	#0	QPSK	NV	10	13.18	0.016	PASS
Band5	1.4	20643	6	#0	QPSK	NV	20	14.03	0.017	PASS
Band5	1.4	20643	6	#0	QPSK	NV	30	15.08	0.018	PASS
Band5	1.4	20643	6	#0	QPSK	NV	40	12.49	0.015	PASS
Band5	1.4	20643	6	#0	QPSK	NV	50	10.64	0.013	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-30	7.31	0.009	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-20	6.07	0.007	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-10	12.30	0.014	PASS
Band5	1.4	20643	6	#0	16QAM	NV	0	10.00	0.012	PASS

Band5	1.4	20643	6	#0	16QAM	NV	10	8.70	0.010	PASS
Band5	1.4	20643	6	#0	16QAM	NV	20	6.45	0.008	PASS
Band5	1.4	20643	6	#0	16QAM	NV	30	5.22	0.006	PASS
Band5	1.4	20643	6	#0	16QAM	NV	40	4.01	0.005	PASS
Band5	1.4	20643	6	#0	16QAM	NV	50	2.80	0.003	PASS
Band5	3	20415	15	#0	QPSK	NV	-30	-0.90	-0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	-20	-0.96	-0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	-10	0.60	0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	0	0.27	0.000	PASS
Band5	3	20415	15	#0	QPSK	NV	10	-0.13	0.000	PASS
Band5	3	20415	15	#0	QPSK	NV	20	-2.57	-0.003	PASS
Band5	3	20415	15	#0	QPSK	NV	30	-4.16	-0.005	PASS
Band5	3	20415	15	#0	QPSK	NV	40	-6.69	-0.008	PASS
Band5	3	20415	15	#0	QPSK	NV	50	-7.90	-0.010	PASS
Band5	3	20415	15	#0	16QAM	NV	-30	-1.37	-0.002	PASS
Band5	3	20415	15	#0	16QAM	NV	-20	-3.18	-0.004	PASS
Band5	3	20415	15	#0	16QAM	NV	-10	-5.79	-0.007	PASS
Band5	3	20415	15	#0	16QAM	NV	0	-6.59	-0.008	PASS
Band5	3	20415	15	#0	16QAM	NV	10	0.20	0.000	PASS
Band5	3	20415	15	#0	16QAM	NV	20	-0.34	0.000	PASS
Band5	3	20415	15	#0	16QAM	NV	30	-1.76	-0.002	PASS
Band5	3	20415	15	#0	16QAM	NV	40	-3.48	-0.004	PASS
Band5	3	20415	15	#0	16QAM	NV	50	-4.65	-0.006	PASS
Band5	3	20525	15	#0	QPSK	NV	-30	3.35	0.004	PASS
Band5	3	20525	15	#0	QPSK	NV	-20	1.93	0.002	PASS
Band5	3	20525	15	#0	QPSK	NV	-10	1.02	0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	0	0.09	0.000	PASS
Band5	3	20525	15	#0	QPSK	NV	10	-1.37	-0.002	PASS
Band5	3	20525	15	#0	QPSK	NV	20	3.58	0.004	PASS
Band5	3	20525	15	#0	QPSK	NV	30	5.31	0.006	PASS
Band5	3	20525	15	#0	QPSK	NV	40	3.45	0.004	PASS
Band5	3	20525	15	#0	QPSK	NV	50	2.70	0.003	PASS
Band5	3	20525	15	#0	16QAM	NV	-30	0.90	0.001	PASS
Band5	3	20525	15	#0	16QAM	NV	-20	-0.36	0.000	PASS
Band5	3	20525	15	#0	16QAM	NV	-10	-1.50	-0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	0	-2.65	-0.003	PASS
Band5	3	20525	15	#0	16QAM	NV	10	-3.28	-0.004	PASS
Band5	3	20525	15	#0	16QAM	NV	20	-3.66	-0.004	PASS
Band5	3	20525	15	#0	16QAM	NV	30	-2.42	-0.003	PASS
Band5	3	20525	15	#0	16QAM	NV	40	1.60	0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	50	4.11	0.005	PASS
Band5	3	20635	15	#0	QPSK	NV	-30	-1.65	-0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	-20	-2.33	-0.003	PASS

Band5	3	20635	15	#0	QPSK	NV	-10	-2.29	-0.003	PASS
Band5	3	20635	15	#0	QPSK	NV	0	-3.20	-0.004	PASS
Band5	3	20635	15	#0	QPSK	NV	10	-4.62	-0.005	PASS
Band5	3	20635	15	#0	QPSK	NV	20	-4.31	-0.005	PASS
Band5	3	20635	15	#0	QPSK	NV	30	1.23	0.001	PASS
Band5	3	20635	15	#0	QPSK	NV	40	1.66	0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	50	-0.16	0.000	PASS
Band5	3	20635	15	#0	16QAM	NV	-30	-1.82	-0.002	PASS
Band5	3	20635	15	#0	16QAM	NV	-20	-2.60	-0.003	PASS
Band5	3	20635	15	#0	16QAM	NV	-10	3.91	0.005	PASS
Band5	3	20635	15	#0	16QAM	NV	0	3.59	0.004	PASS
Band5	3	20635	15	#0	16QAM	NV	10	2.19	0.003	PASS
Band5	3	20635	15	#0	16QAM	NV	20	1.40	0.002	PASS
Band5	3	20635	15	#0	16QAM	NV	30	1.04	0.001	PASS
Band5	3	20635	15	#0	16QAM	NV	40	0.14	0.000	PASS
Band5	3	20635	15	#0	16QAM	NV	50	-0.60	-0.001	PASS
Band5	5	20425	25	#0	QPSK	NV	-30	1.02	0.001	PASS
Band5	5	20425	25	#0	QPSK	NV	-20	1.75	0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	-10	2.42	0.003	PASS
Band5	5	20425	25	#0	QPSK	NV	0	2.19	0.003	PASS
Band5	5	20425	25	#0	QPSK	NV	10	0.90	0.001	PASS
Band5	5	20425	25	#0	QPSK	NV	20	-1.16	-0.001	PASS
Band5	5	20425	25	#0	QPSK	NV	30	-2.32	-0.003	PASS
Band5	5	20425	25	#0	QPSK	NV	40	3.56	0.004	PASS
Band5	5	20425	25	#0	QPSK	NV	50	1.20	0.001	PASS
Band5	5	20425	25	#0	16QAM	NV	-30	-1.59	-0.002	PASS
Band5	5	20425	25	#0	16QAM	NV	-20	3.81	0.005	PASS
Band5	5	20425	25	#0	16QAM	NV	-10	2.66	0.003	PASS
Band5	5	20425	25	#0	16QAM	NV	0	0.29	0.000	PASS
Band5	5	20425	25	#0	16QAM	NV	10	-1.42	-0.002	PASS
Band5	5	20425	25	#0	16QAM	NV	20	-2.63	-0.003	PASS
Band5	5	20425	25	#0	16QAM	NV	30	4.28	0.005	PASS
Band5	5	20425	25	#0	16QAM	NV	40	3.93	0.005	PASS
Band5	5	20425	25	#0	16QAM	NV	50	2.85	0.003	PASS
Band5	5	20525	25	#0	QPSK	NV	-30	0.26	0.000	PASS
Band5	5	20525	25	#0	QPSK	NV	-20	-1.66	-0.002	PASS
Band5	5	20525	25	#0	QPSK	NV	-10	-1.76	-0.002	PASS
Band5	5	20525	25	#0	QPSK	NV	0	-2.73	-0.003	PASS
Band5	5	20525	25	#0	QPSK	NV	10	-3.62	-0.004	PASS
Band5	5	20525	25	#0	QPSK	NV	20	-4.38	-0.005	PASS
Band5	5	20525	25	#0	QPSK	NV	30	-1.66	-0.002	PASS
Band5	5	20525	25	#0	QPSK	NV	40	3.10	0.004	PASS
Band5	5	20525	25	#0	QPSK	NV	50	1.72	0.002	PASS

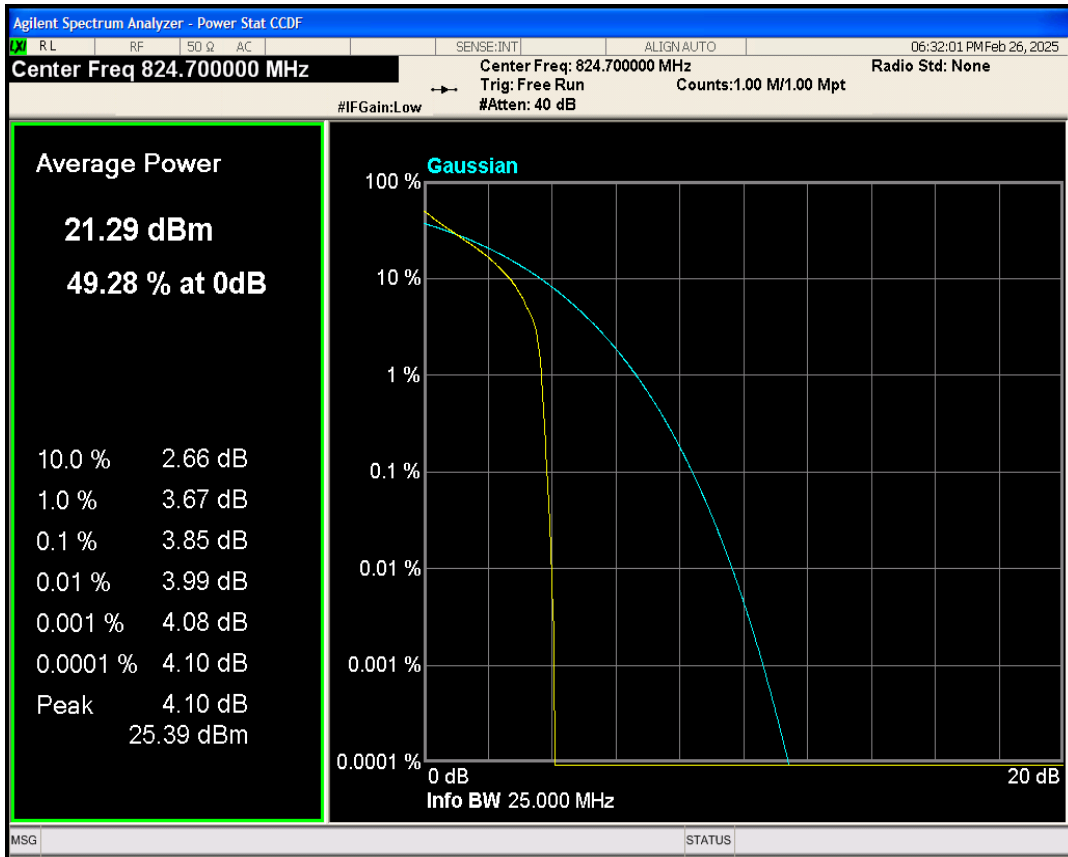
Band5	5	20525	25	#0	16QAM	NV	-30	0.46	0.001	PASS
Band5	5	20525	25	#0	16QAM	NV	-20	-0.17	0.000	PASS
Band5	5	20525	25	#0	16QAM	NV	-10	-1.33	-0.002	PASS
Band5	5	20525	25	#0	16QAM	NV	0	-1.79	-0.002	PASS
Band5	5	20525	25	#0	16QAM	NV	10	-2.52	-0.003	PASS
Band5	5	20525	25	#0	16QAM	NV	20	-2.73	-0.003	PASS
Band5	5	20525	25	#0	16QAM	NV	30	-3.46	-0.004	PASS
Band5	5	20525	25	#0	16QAM	NV	40	-3.02	-0.004	PASS
Band5	5	20525	25	#0	16QAM	NV	50	-3.89	-0.005	PASS
Band5	5	20625	25	#0	QPSK	NV	-30	3.43	0.004	PASS
Band5	5	20625	25	#0	QPSK	NV	-20	3.32	0.004	PASS
Band5	5	20625	25	#0	QPSK	NV	-10	3.02	0.004	PASS
Band5	5	20625	25	#0	QPSK	NV	0	2.06	0.002	PASS
Band5	5	20625	25	#0	QPSK	NV	10	1.03	0.001	PASS
Band5	5	20625	25	#0	QPSK	NV	20	-0.09	0.000	PASS
Band5	5	20625	25	#0	QPSK	NV	30	-1.39	-0.002	PASS
Band5	5	20625	25	#0	QPSK	NV	40	2.76	0.003	PASS
Band5	5	20625	25	#0	QPSK	NV	50	4.98	0.006	PASS
Band5	5	20625	25	#0	16QAM	NV	-30	2.68	0.003	PASS
Band5	5	20625	25	#0	16QAM	NV	-20	1.02	0.001	PASS
Band5	5	20625	25	#0	16QAM	NV	-10	-0.34	0.000	PASS
Band5	5	20625	25	#0	16QAM	NV	0	-1.23	-0.001	PASS
Band5	5	20625	25	#0	16QAM	NV	10	-2.13	-0.003	PASS
Band5	5	20625	25	#0	16QAM	NV	20	0.56	0.001	PASS
Band5	5	20625	25	#0	16QAM	NV	30	4.08	0.005	PASS
Band5	5	20625	25	#0	16QAM	NV	40	4.78	0.006	PASS
Band5	5	20625	25	#0	16QAM	NV	50	4.18	0.005	PASS
Band5	10	20450	50	#0	QPSK	NV	-30	2.73	0.003	PASS
Band5	10	20450	50	#0	QPSK	NV	-20	-3.33	-0.004	PASS
Band5	10	20450	50	#0	QPSK	NV	-10	-2.78	-0.003	PASS
Band5	10	20450	50	#0	QPSK	NV	0	-4.09	-0.005	PASS
Band5	10	20450	50	#0	QPSK	NV	10	2.80	0.003	PASS
Band5	10	20450	50	#0	QPSK	NV	20	-0.49	-0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	30	-4.28	-0.005	PASS
Band5	10	20450	50	#0	QPSK	NV	40	2.03	0.002	PASS
Band5	10	20450	50	#0	QPSK	NV	50	-1.19	-0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	-30	-4.59	-0.006	PASS
Band5	10	20450	50	#0	16QAM	NV	-20	1.90	0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	-10	-0.89	-0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	0	-2.35	-0.003	PASS
Band5	10	20450	50	#0	16QAM	NV	10	-3.29	-0.004	PASS
Band5	10	20450	50	#0	16QAM	NV	20	2.78	0.003	PASS
Band5	10	20450	50	#0	16QAM	NV	30	2.52	0.003	PASS

Band5	10	20450	50	#0	16QAM	NV	40	1.65	0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	50	0.60	0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	-30	0.06	0.000	PASS
Band5	10	20525	50	#0	QPSK	NV	-20	0.36	0.000	PASS
Band5	10	20525	50	#0	QPSK	NV	-10	-0.82	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	0	-0.89	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	10	-2.30	-0.003	PASS
Band5	10	20525	50	#0	QPSK	NV	20	-3.33	-0.004	PASS
Band5	10	20525	50	#0	QPSK	NV	30	-4.38	-0.005	PASS
Band5	10	20525	50	#0	QPSK	NV	40	-5.64	-0.007	PASS
Band5	10	20525	50	#0	QPSK	NV	50	0.29	0.000	PASS
Band5	10	20525	50	#0	16QAM	NV	-30	0.47	0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	-20	-0.36	0.000	PASS
Band5	10	20525	50	#0	16QAM	NV	-10	-0.82	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	0	-1.92	-0.002	PASS
Band5	10	20525	50	#0	16QAM	NV	10	-2.82	-0.003	PASS
Band5	10	20525	50	#0	16QAM	NV	20	-2.65	-0.003	PASS
Band5	10	20525	50	#0	16QAM	NV	30	-3.18	-0.004	PASS
Band5	10	20525	50	#0	16QAM	NV	40	-2.16	-0.003	PASS
Band5	10	20525	50	#0	16QAM	NV	50	-2.73	-0.003	PASS
Band5	10	20600	50	#0	QPSK	NV	-30	-0.84	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	-20	-1.04	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	-10	-1.67	-0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	0	-3.75	-0.004	PASS
Band5	10	20600	50	#0	QPSK	NV	10	-2.65	-0.003	PASS
Band5	10	20600	50	#0	QPSK	NV	20	2.65	0.003	PASS
Band5	10	20600	50	#0	QPSK	NV	30	1.32	0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	40	-0.87	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	50	-1.90	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	-30	-3.79	-0.004	PASS
Band5	10	20600	50	#0	16QAM	NV	-20	3.15	0.004	PASS
Band5	10	20600	50	#0	16QAM	NV	-10	1.96	0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	0	0.49	0.001	PASS
Band5	10	20600	50	#0	16QAM	NV	10	-0.16	0.000	PASS
Band5	10	20600	50	#0	16QAM	NV	20	-0.89	-0.001	PASS
Band5	10	20600	50	#0	16QAM	NV	30	-0.79	-0.001	PASS
Band5	10	20600	50	#0	16QAM	NV	40	-1.32	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	50	-1.40	-0.002	PASS

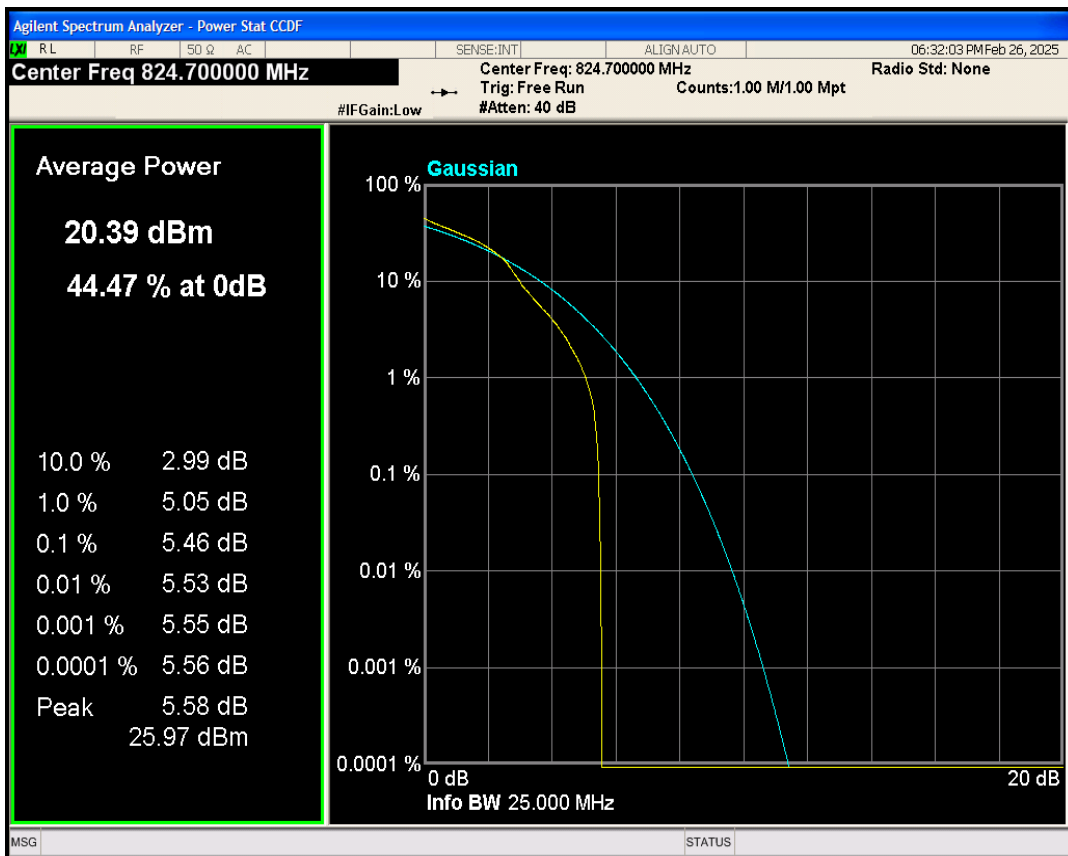
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	1.4	20407	1	#0	QPSK	3.85	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.46	13	PASS
Band5	1.4	20525	1	#0	QPSK	3.62	13	PASS
Band5	1.4	20525	1	#0	16QAM	5.18	13	PASS
Band5	1.4	20643	1	#0	QPSK	3.62	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.05	13	PASS
Band5	3	20415	1	#0	QPSK	3.58	13	PASS
Band5	3	20415	1	#0	16QAM	5.17	13	PASS
Band5	3	20525	1	#0	QPSK	3.40	13	PASS
Band5	3	20525	1	#0	16QAM	4.98	13	PASS
Band5	3	20635	1	#0	QPSK	3.40	13	PASS
Band5	3	20635	1	#0	16QAM	4.98	13	PASS
Band5	5	20425	1	#0	QPSK	3.61	13	PASS
Band5	5	20425	1	#0	16QAM	5.31	13	PASS
Band5	5	20525	1	#0	QPSK	3.37	13	PASS
Band5	5	20525	1	#0	16QAM	4.76	13	PASS
Band5	5	20625	1	#0	QPSK	3.36	13	PASS
Band5	5	20625	1	#0	16QAM	4.75	13	PASS
Band5	10	20450	1	#0	QPSK	3.60	13	PASS
Band5	10	20450	1	#0	16QAM	5.26	13	PASS
Band5	10	20525	1	#0	QPSK	3.58	13	PASS
Band5	10	20525	1	#0	16QAM	5.17	13	PASS
Band5	10	20600	1	#0	QPSK	3.62	13	PASS
Band5	10	20600	1	#0	16QAM	5.37	13	PASS

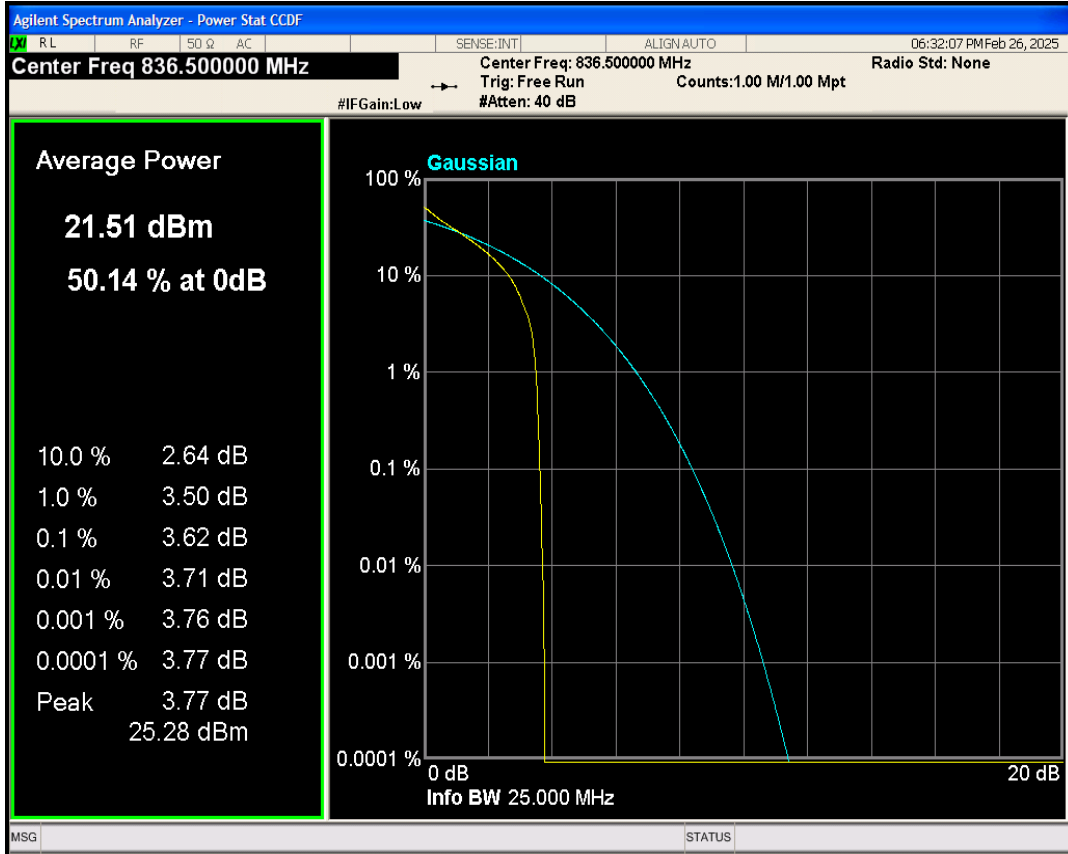
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



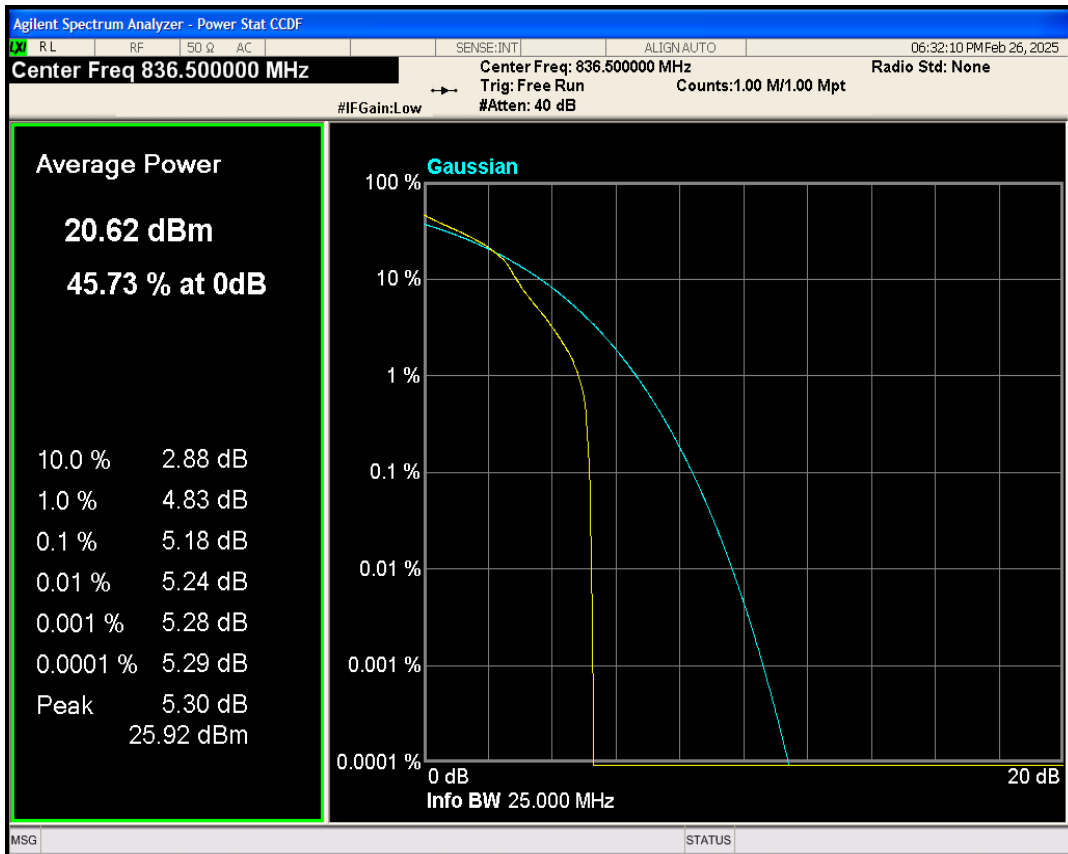
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



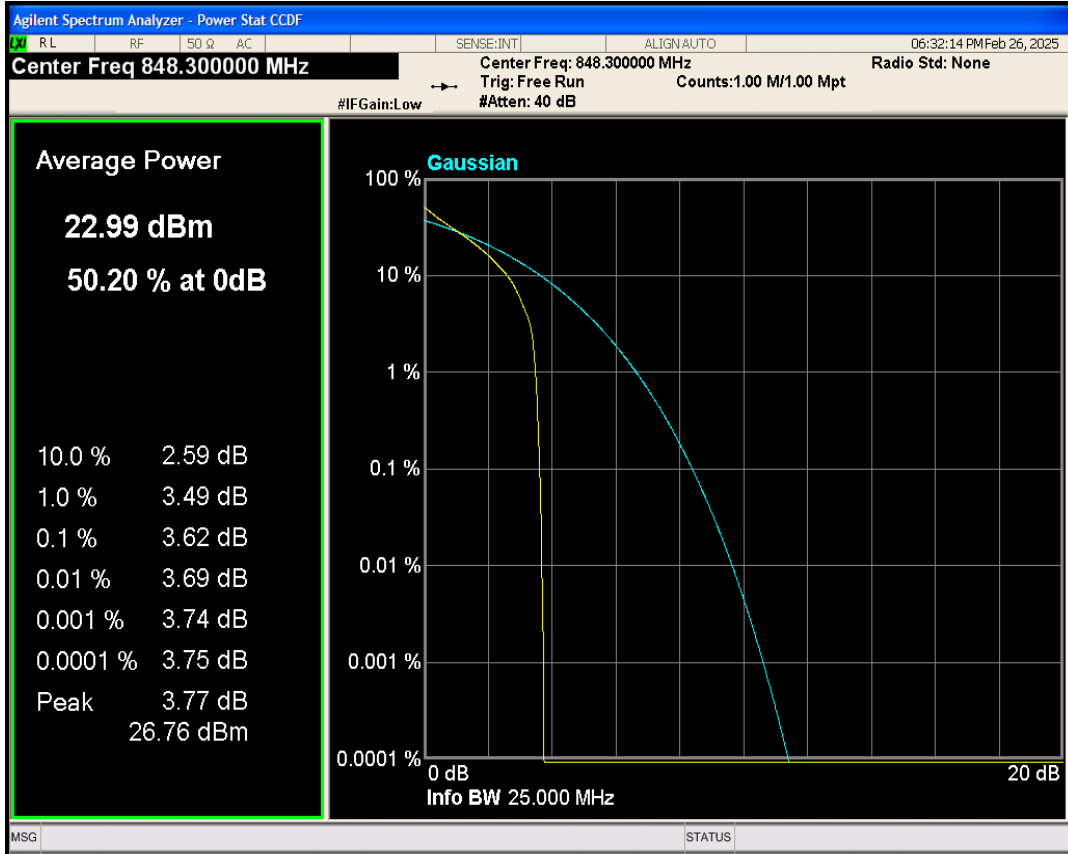
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



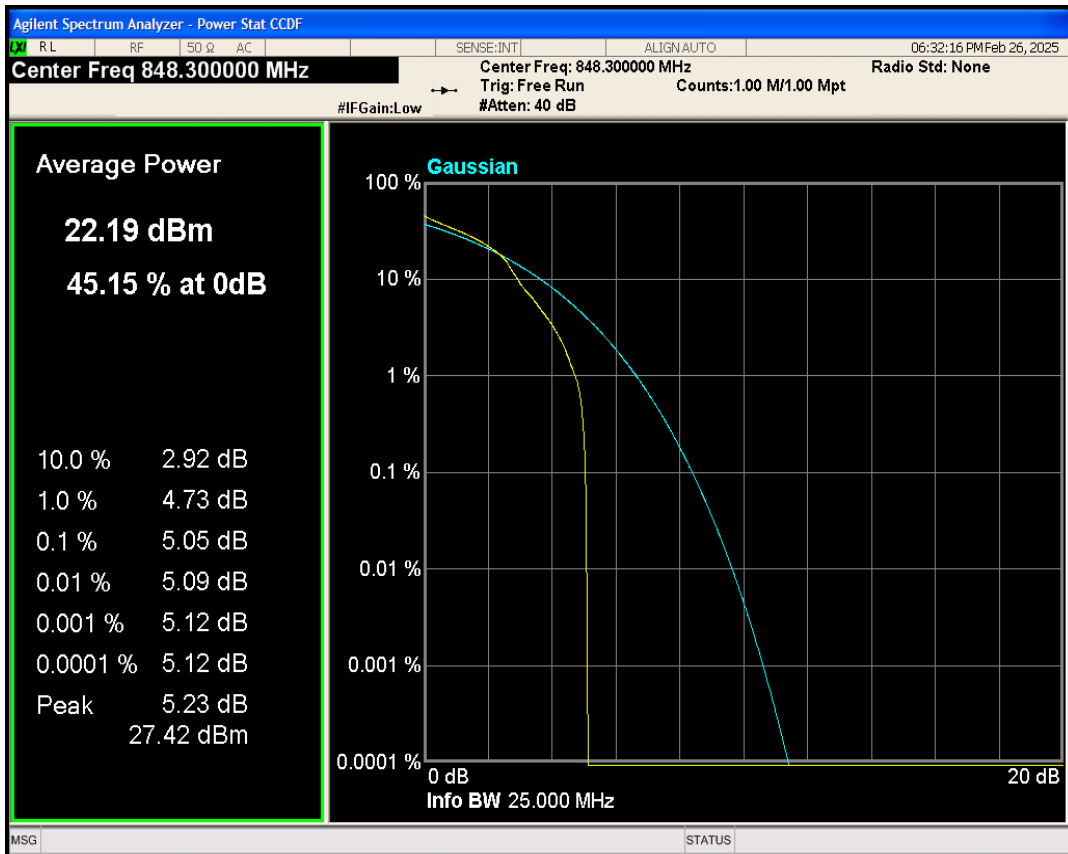
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



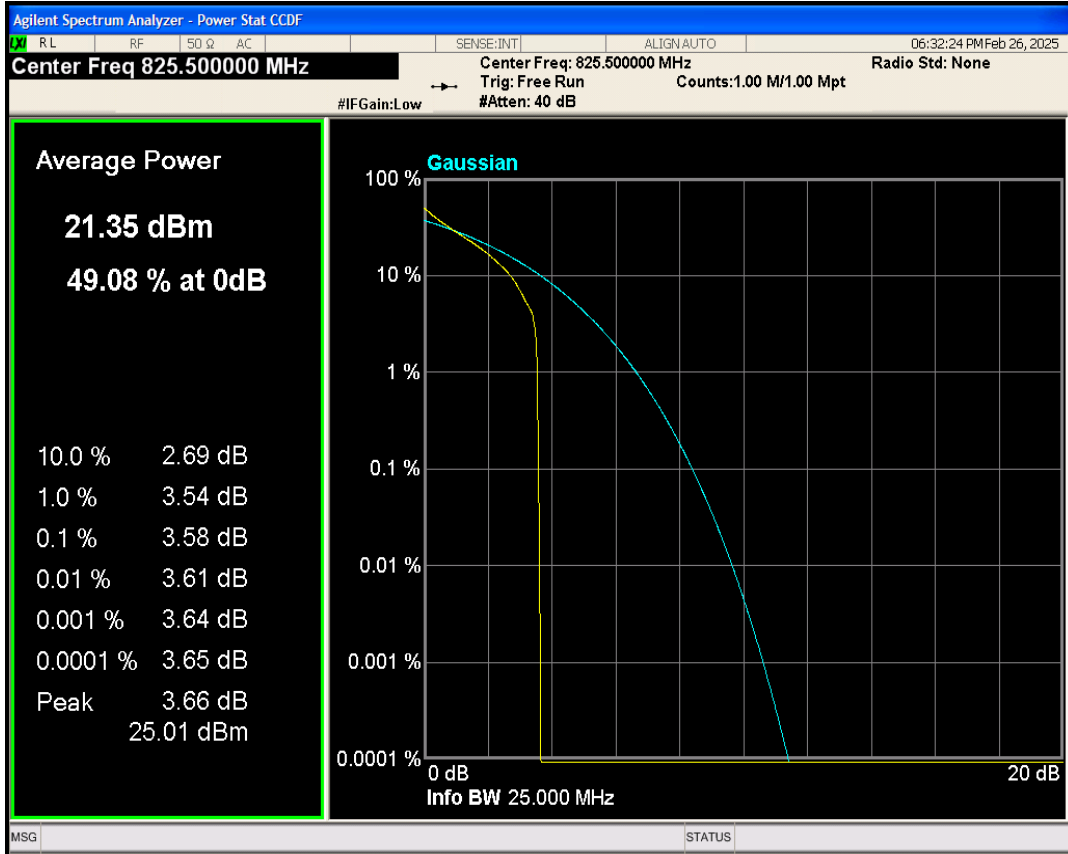
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



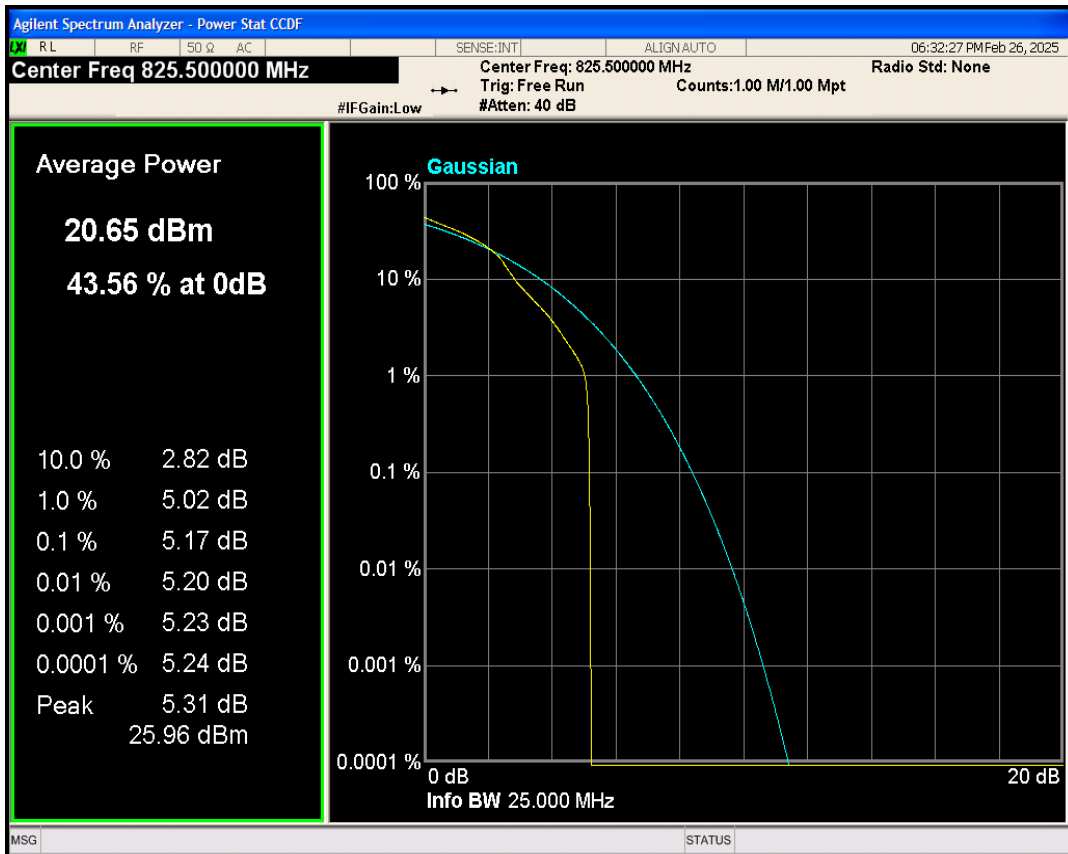
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



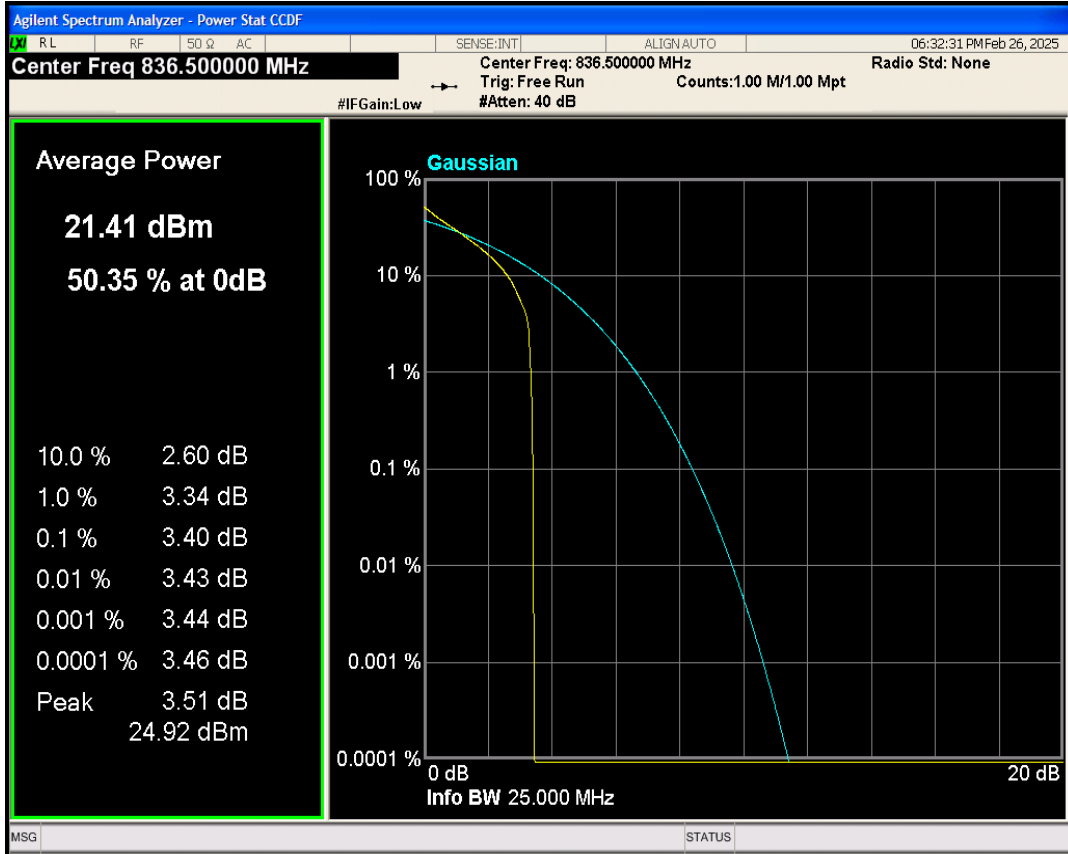
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



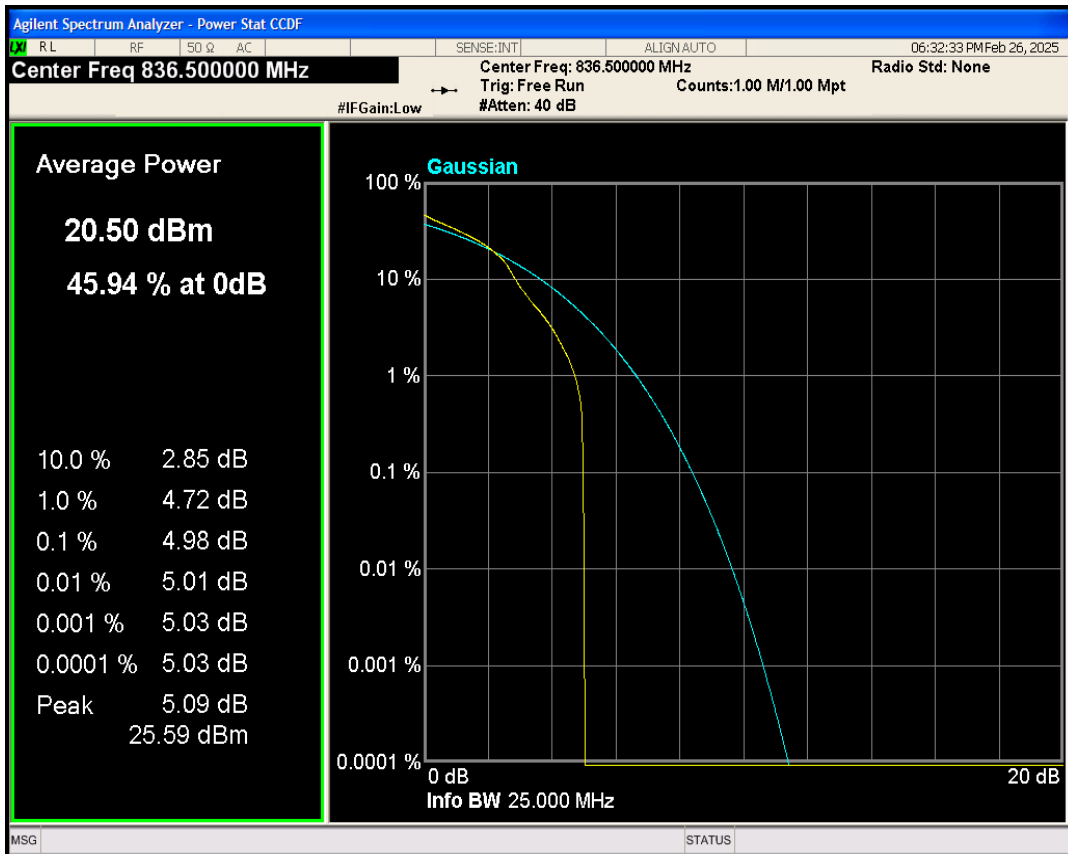
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



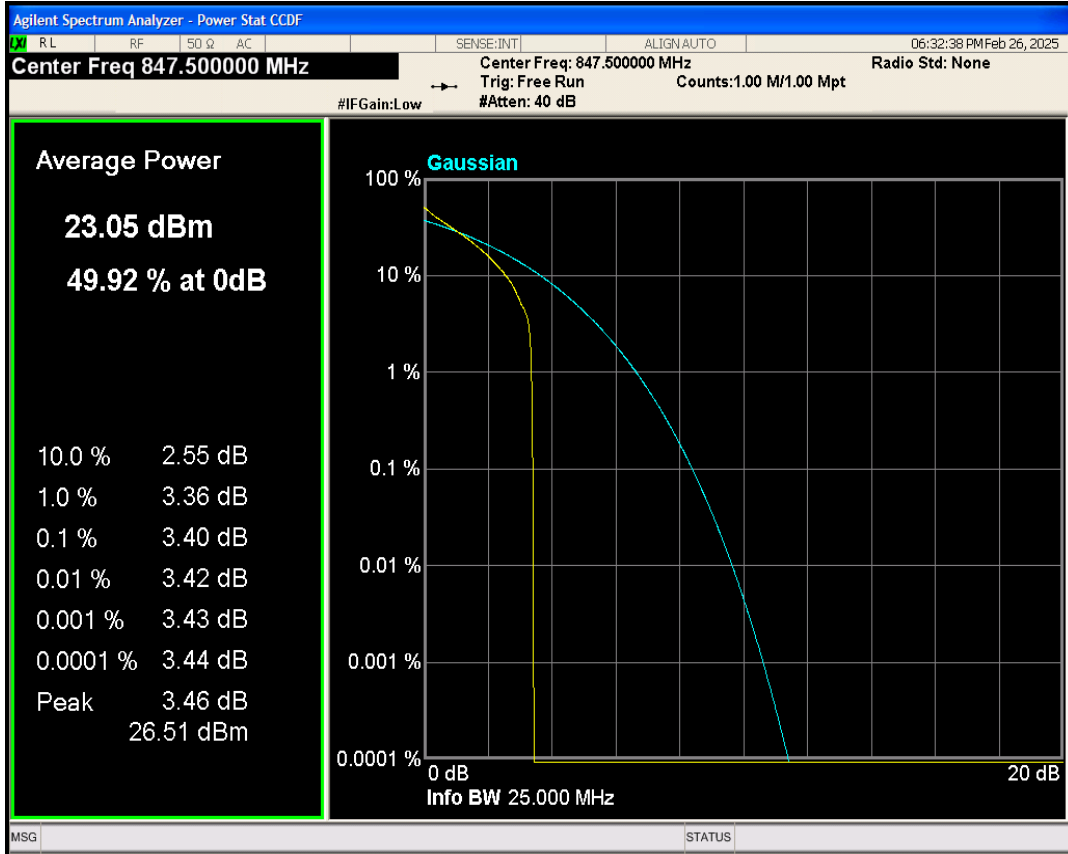
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



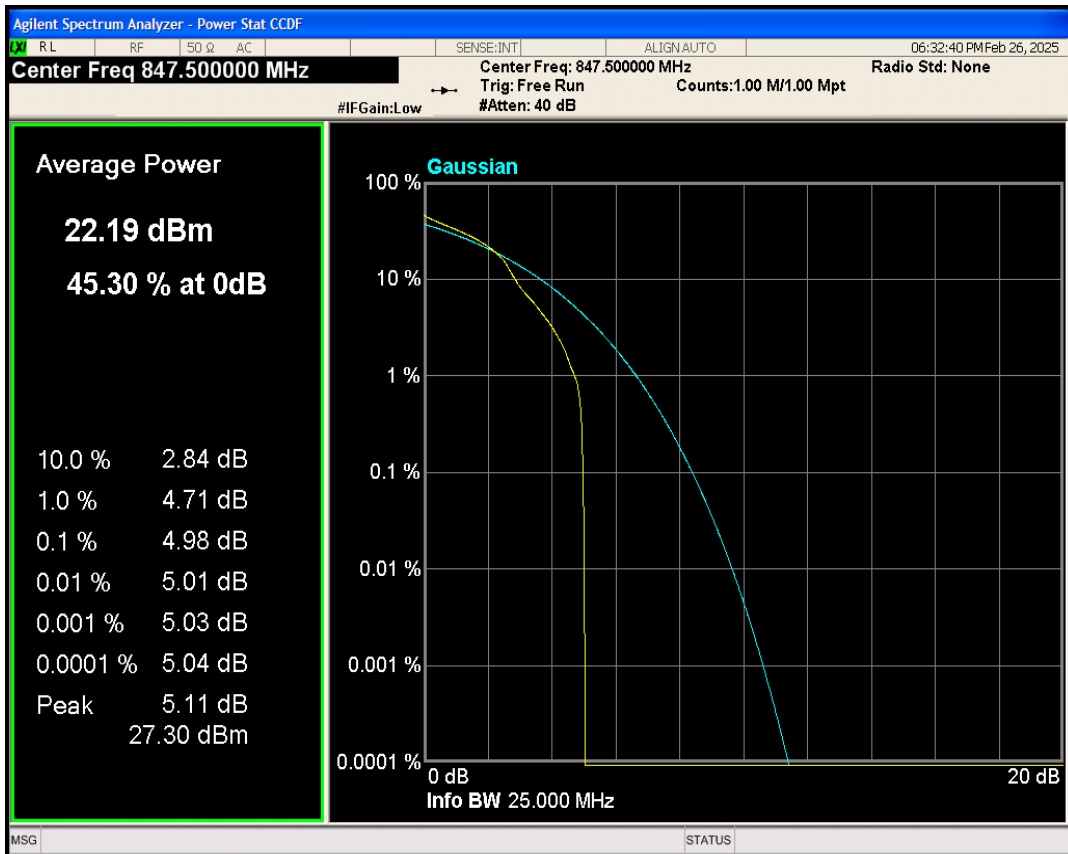
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



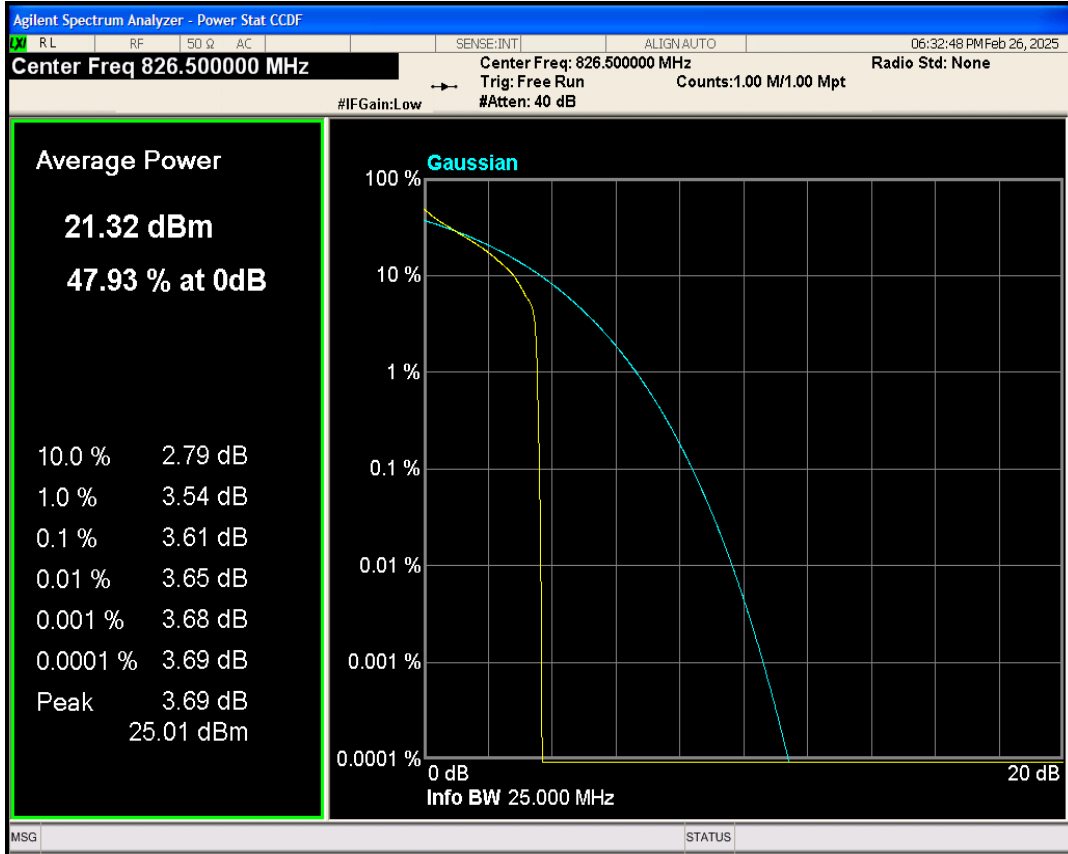
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



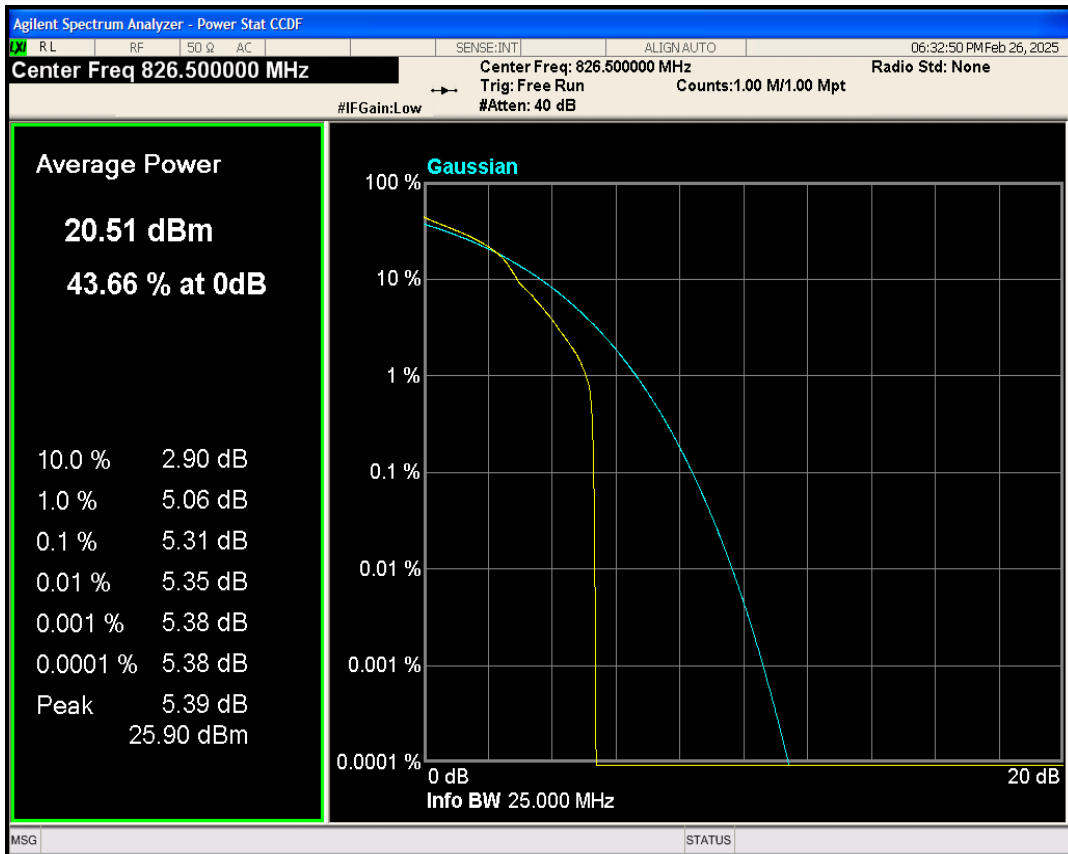
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



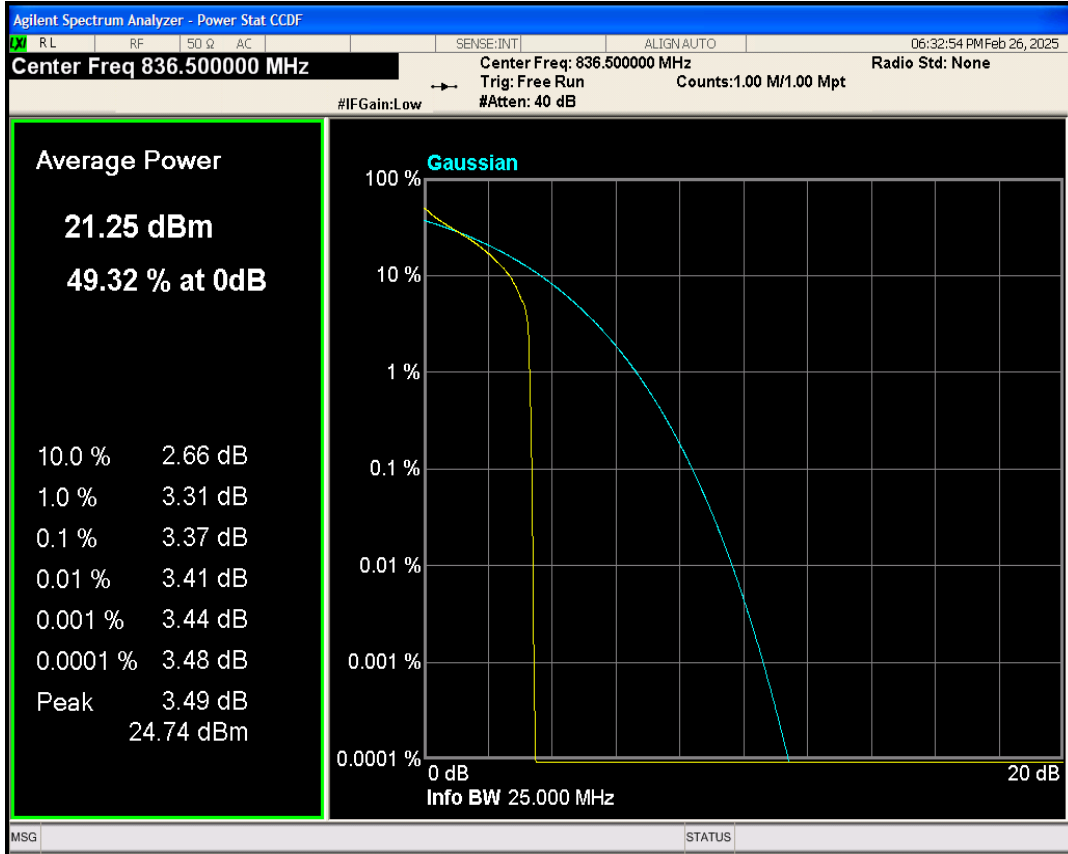
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



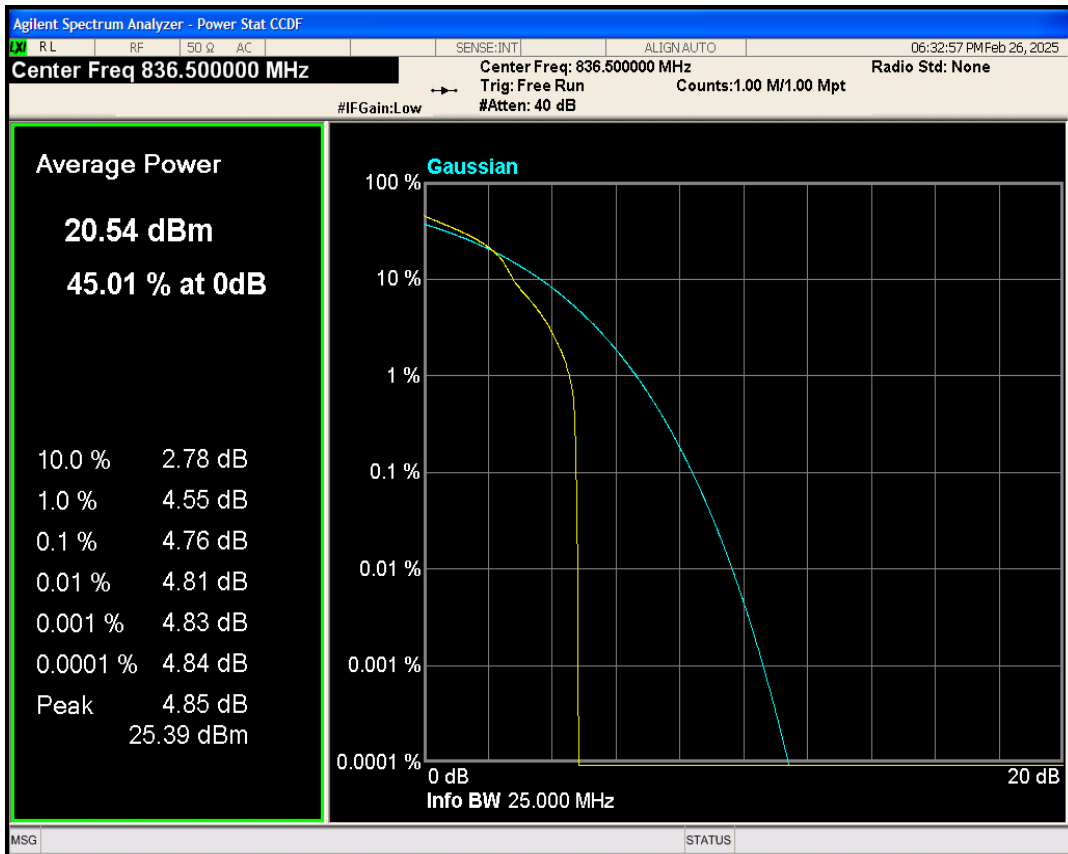
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



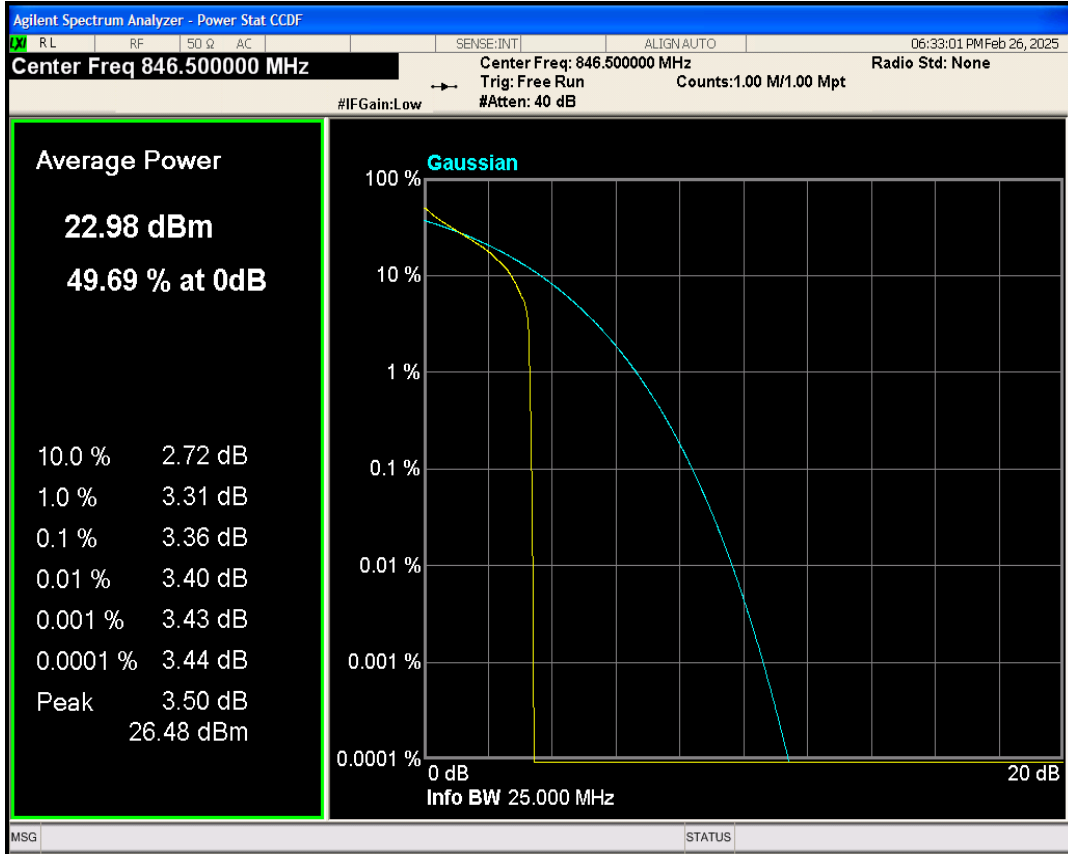
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



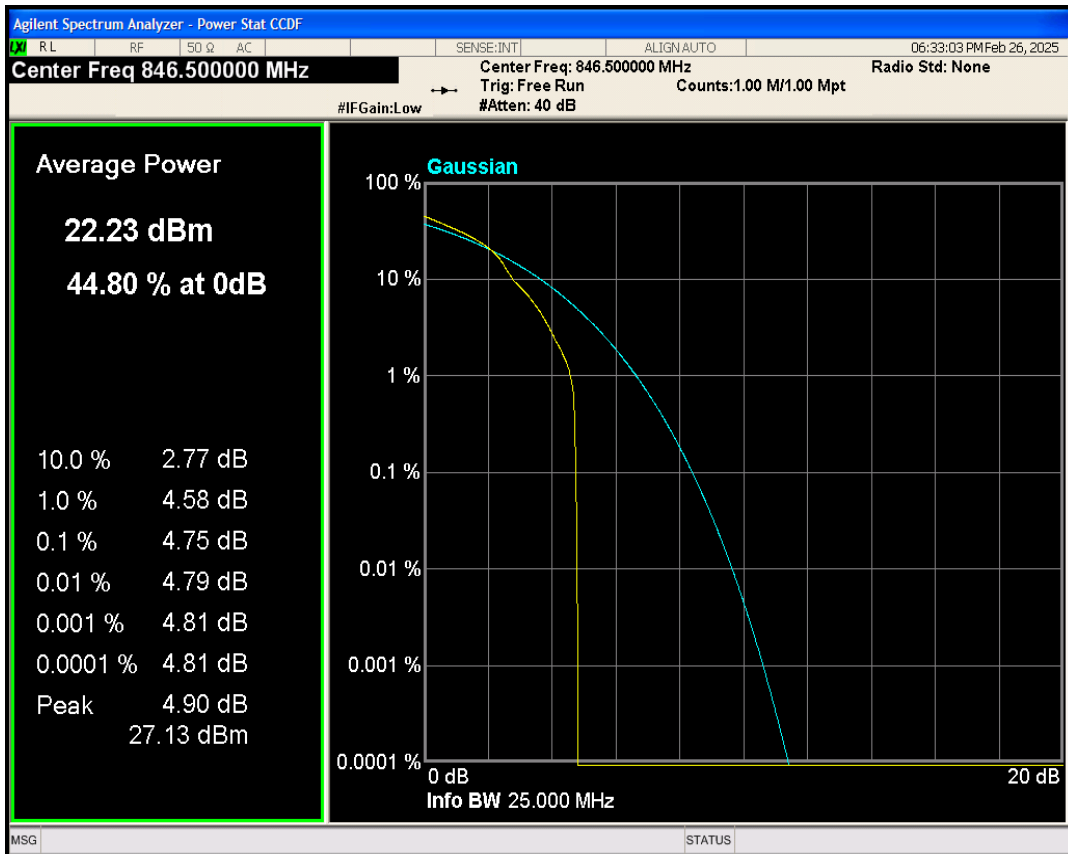
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



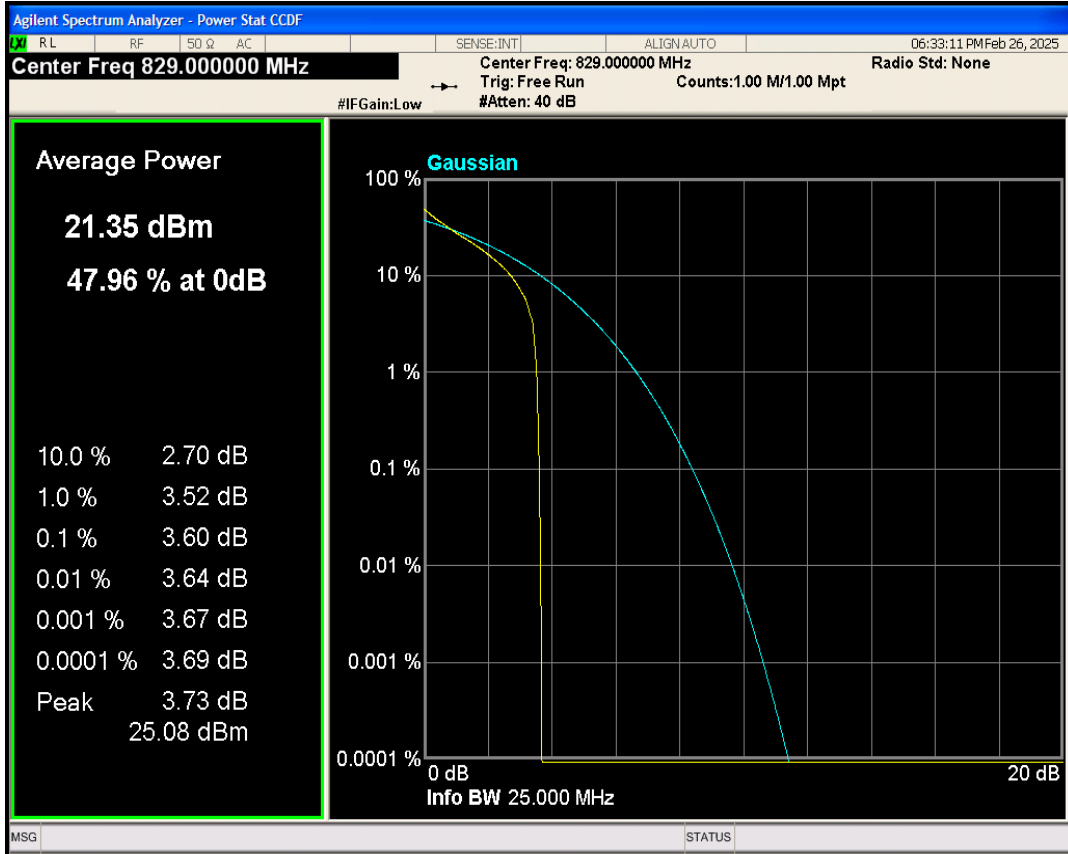
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



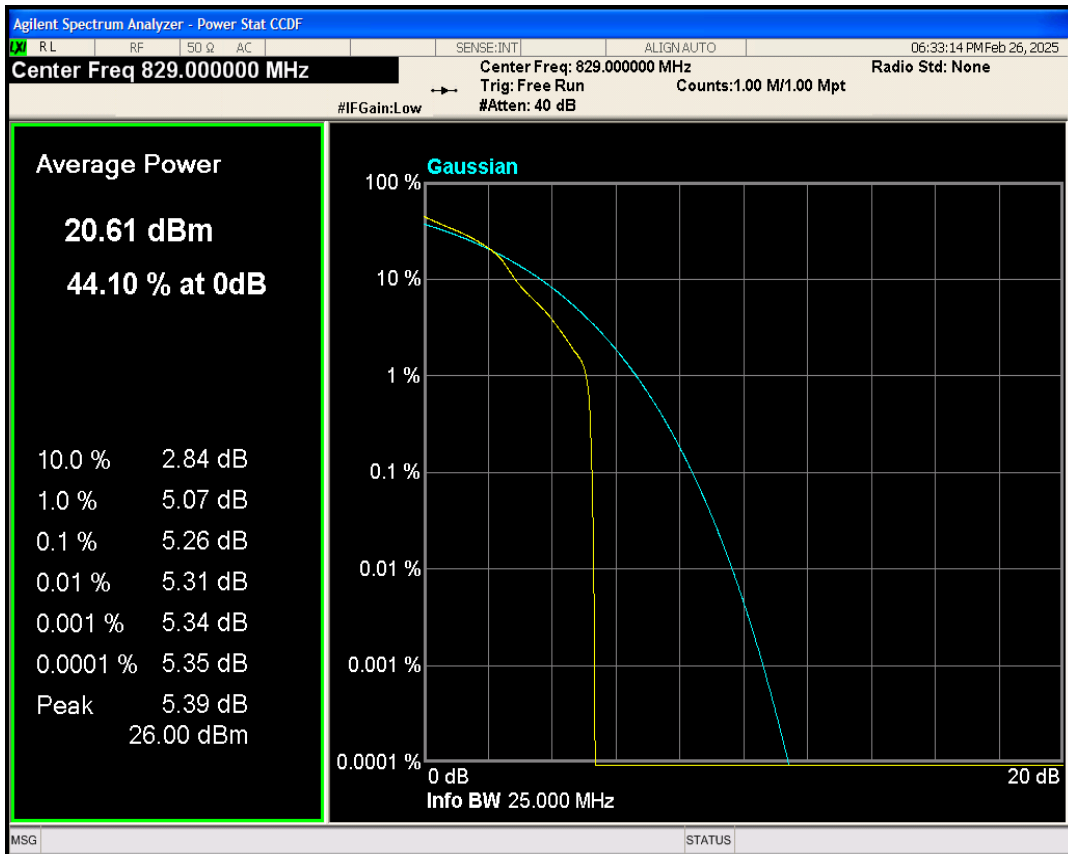
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



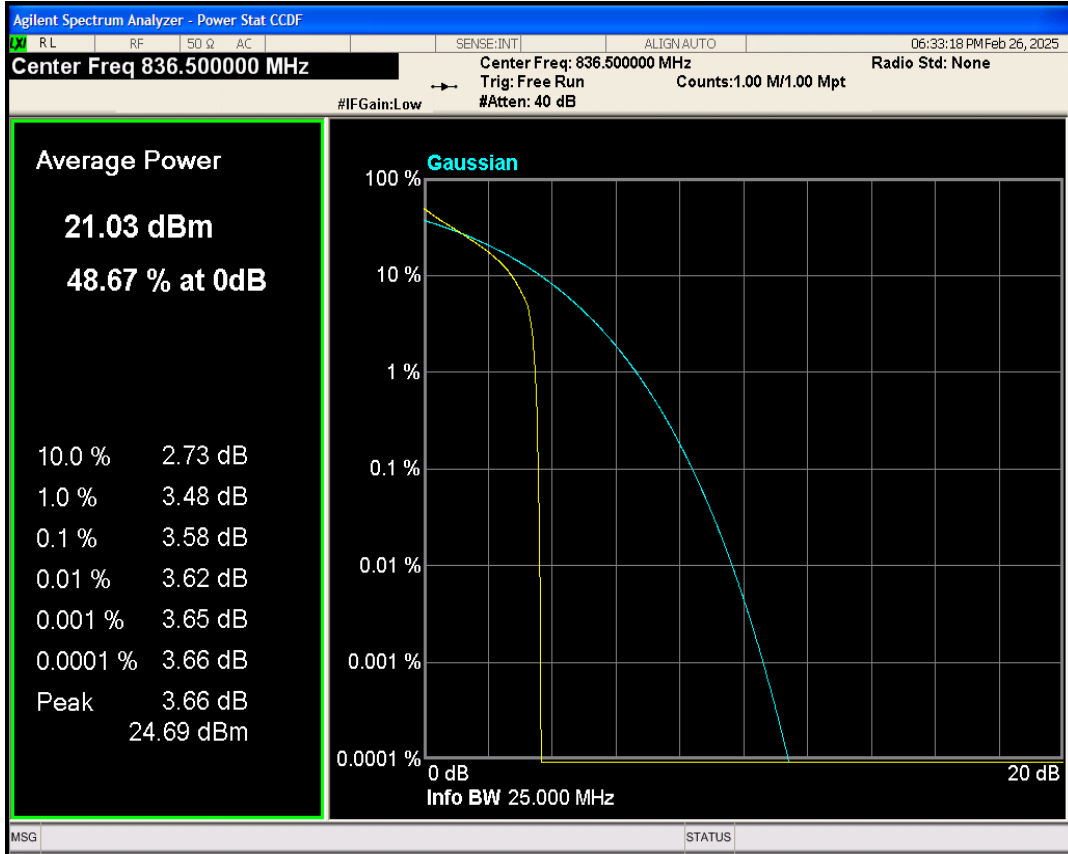
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



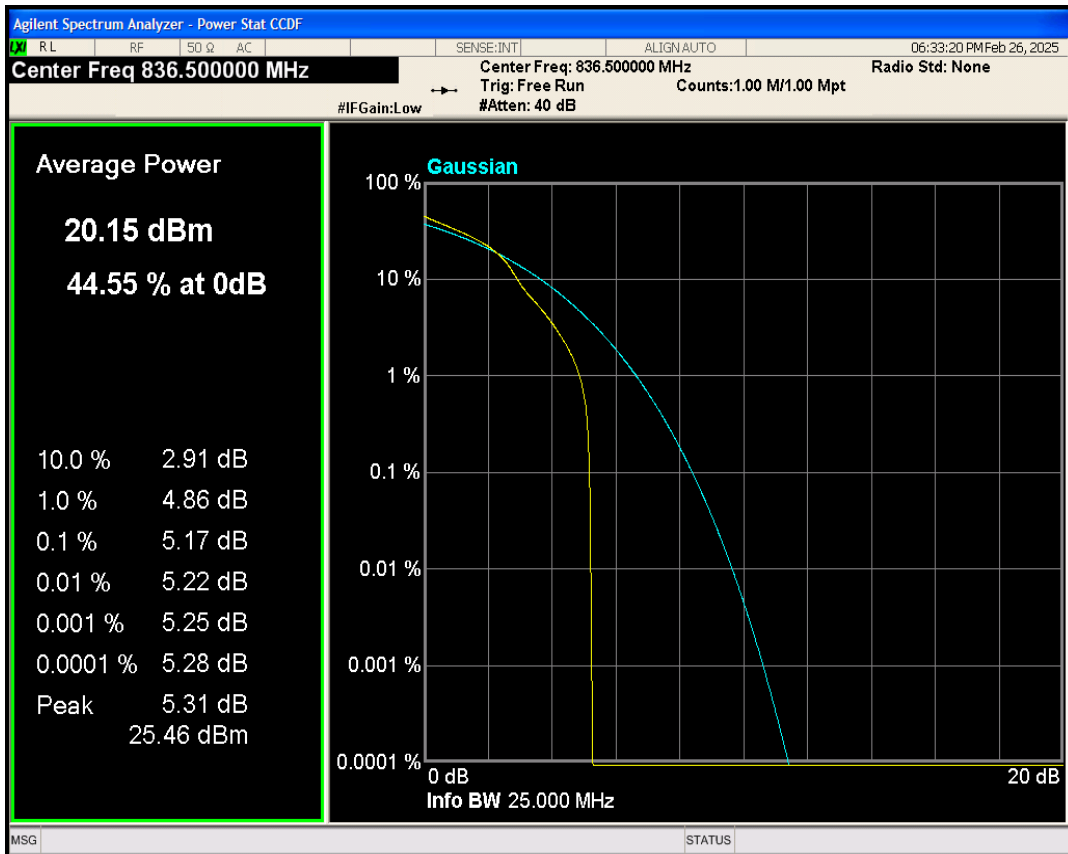
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



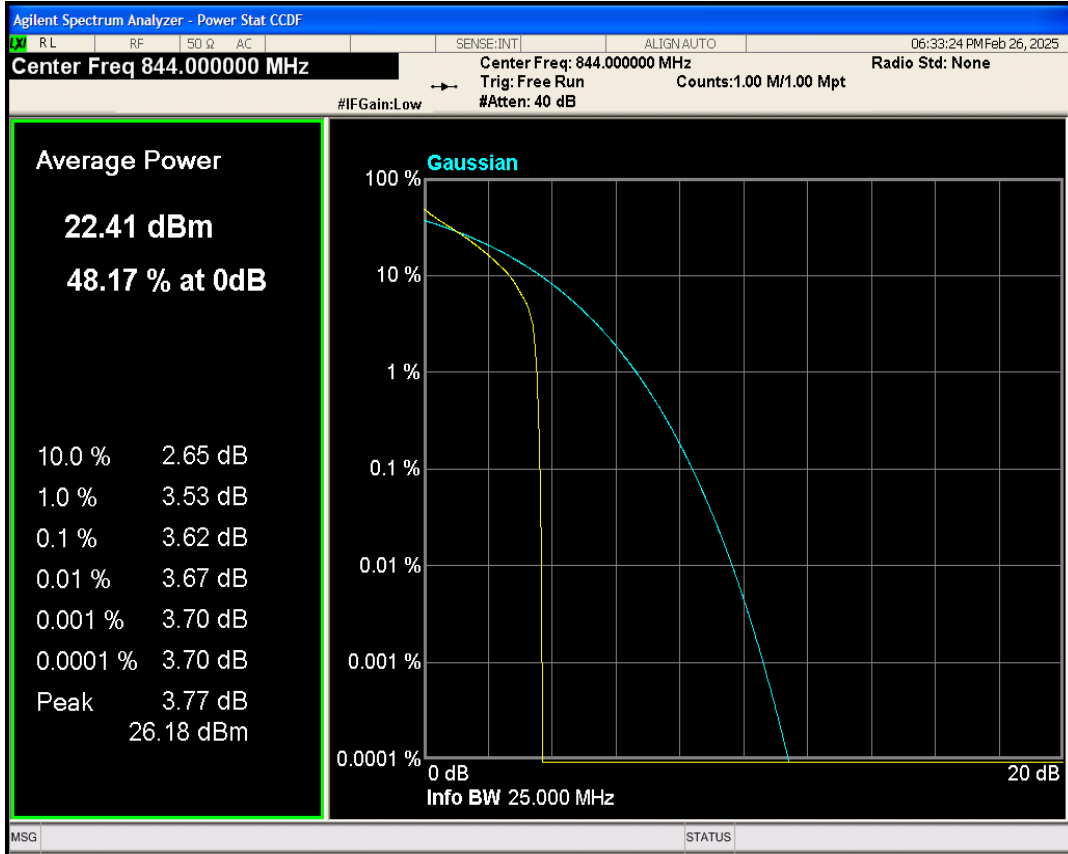
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



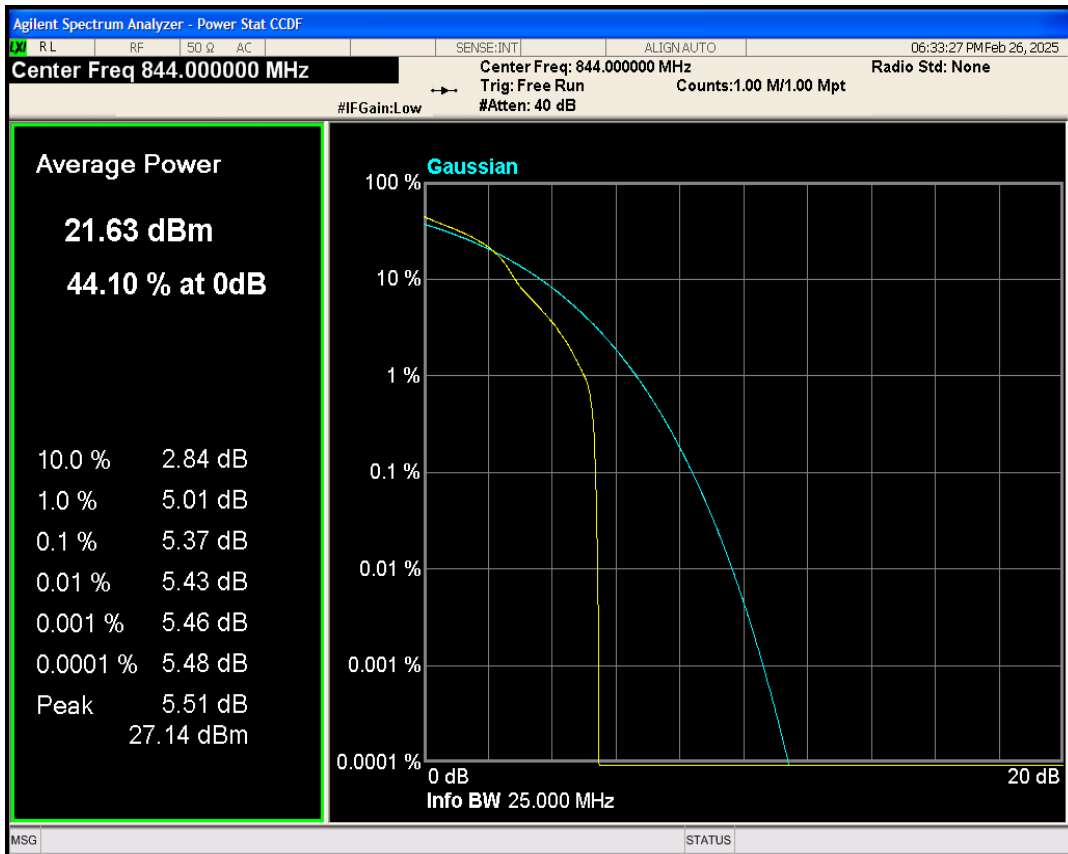
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



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



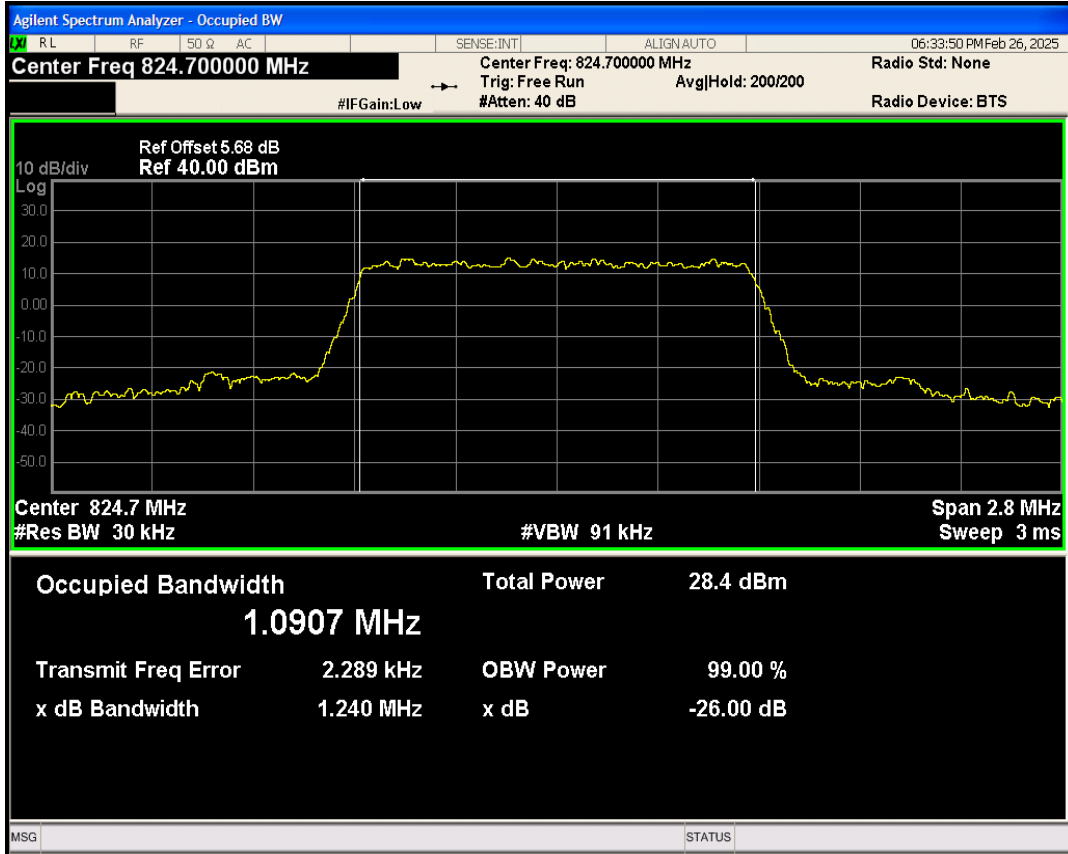
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



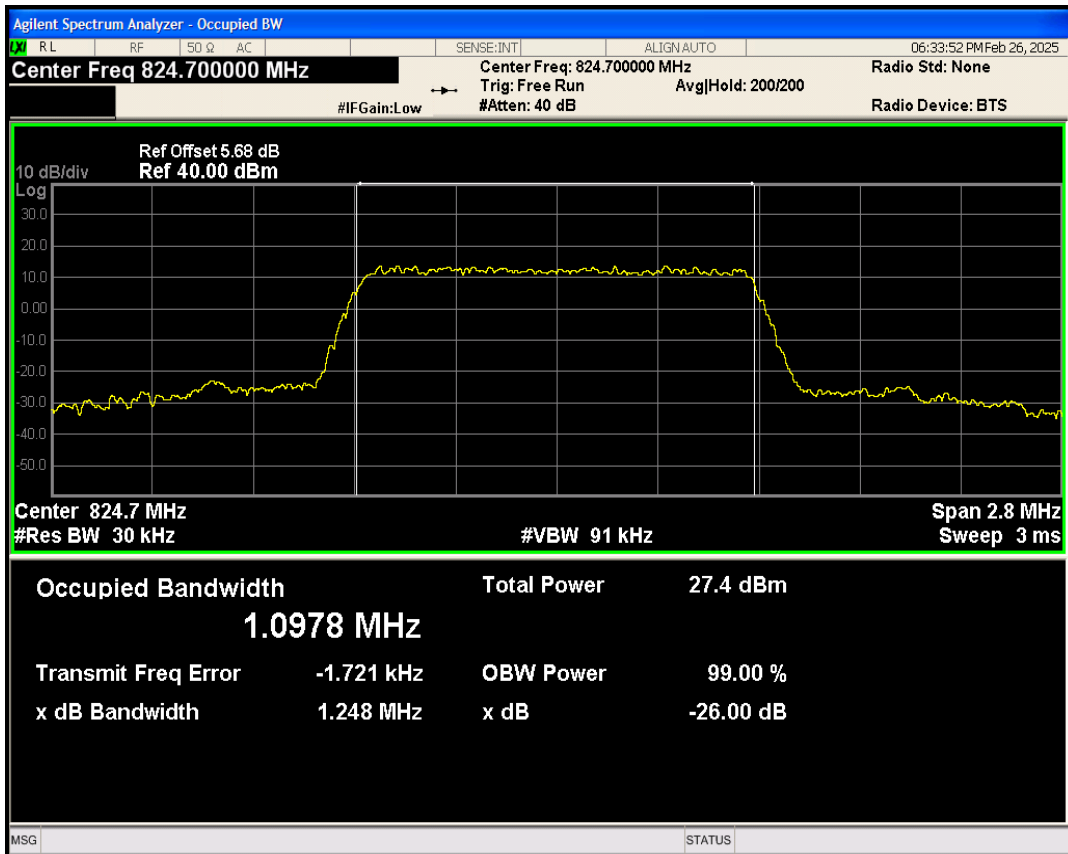
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.091	1.240	PASS
Band5	1.4	20407	6	#0	16QAM	1.098	1.248	PASS
Band5	1.4	20525	6	#0	QPSK	1.093	1.243	PASS
Band5	1.4	20525	6	#0	16QAM	1.092	1.231	PASS
Band5	1.4	20643	6	#0	QPSK	1.102	1.238	PASS
Band5	1.4	20643	6	#0	16QAM	1.098	1.238	PASS
Band5	3	20415	15	#0	QPSK	2.703	3.014	PASS
Band5	3	20415	15	#0	16QAM	2.710	3.008	PASS
Band5	3	20525	15	#0	QPSK	2.714	2.983	PASS
Band5	3	20525	15	#0	16QAM	2.705	3.013	PASS
Band5	3	20635	15	#0	QPSK	2.703	3.001	PASS
Band5	3	20635	15	#0	16QAM	2.697	3.020	PASS
Band5	5	20425	25	#0	QPSK	4.505	4.979	PASS
Band5	5	20425	25	#0	16QAM	4.510	4.932	PASS
Band5	5	20525	25	#0	QPSK	4.512	4.919	PASS
Band5	5	20525	25	#0	16QAM	4.505	4.890	PASS
Band5	5	20625	25	#0	QPSK	4.507	4.907	PASS
Band5	5	20625	25	#0	16QAM	4.512	4.900	PASS
Band5	10	20450	50	#0	QPSK	8.983	9.803	PASS
Band5	10	20450	50	#0	16QAM	9.001	9.756	PASS
Band5	10	20525	50	#0	QPSK	8.978	9.884	PASS
Band5	10	20525	50	#0	16QAM	9.003	9.785	PASS
Band5	10	20600	50	#0	QPSK	8.980	9.659	PASS
Band5	10	20600	50	#0	16QAM	8.973	9.715	PASS

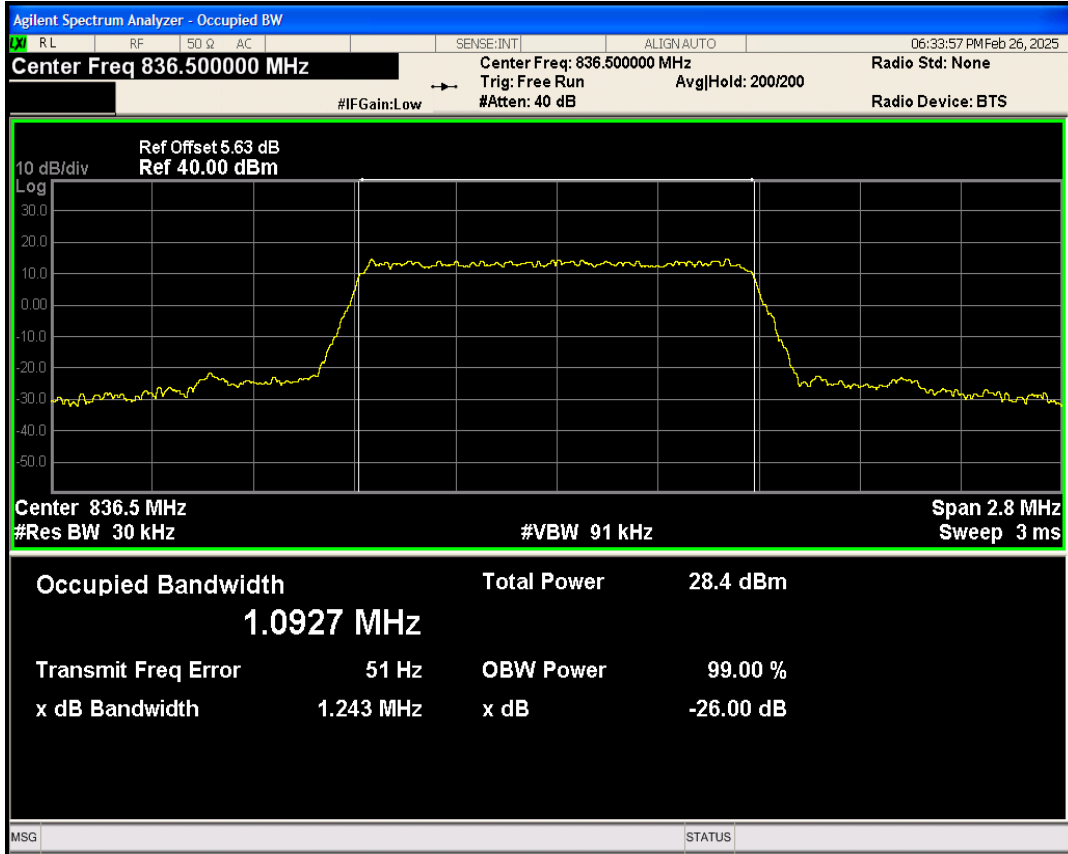
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



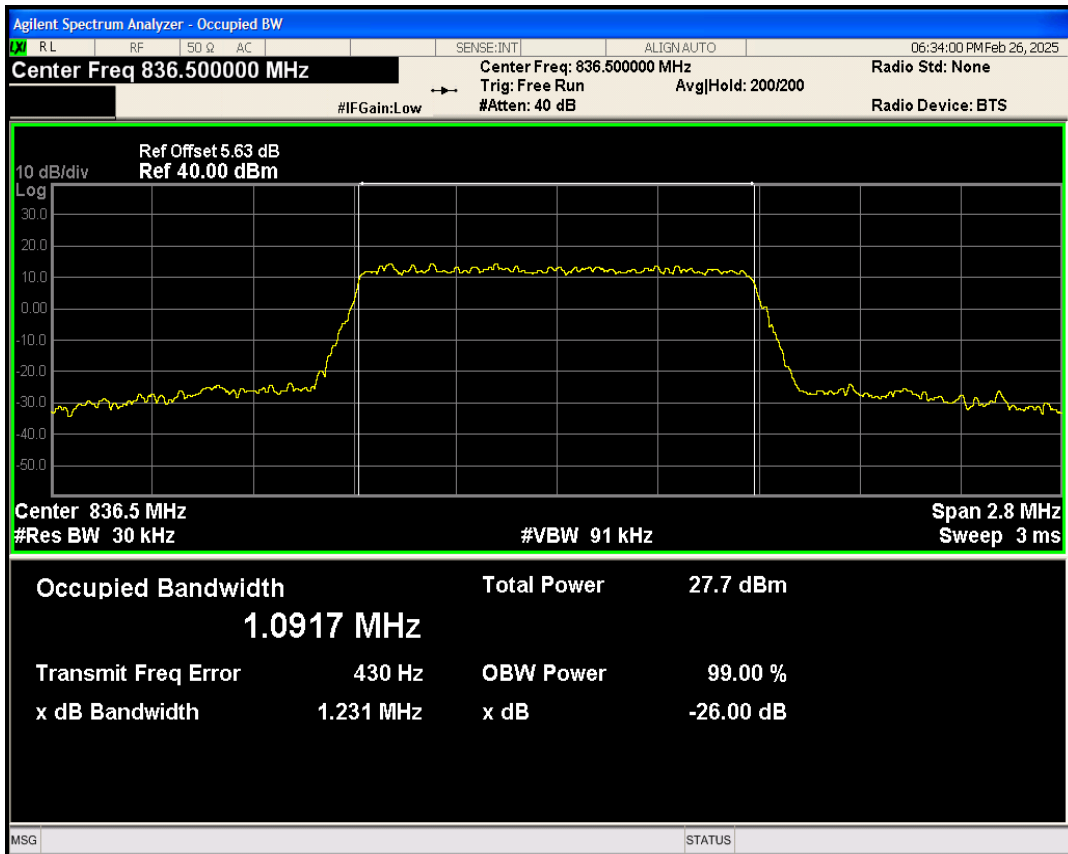
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



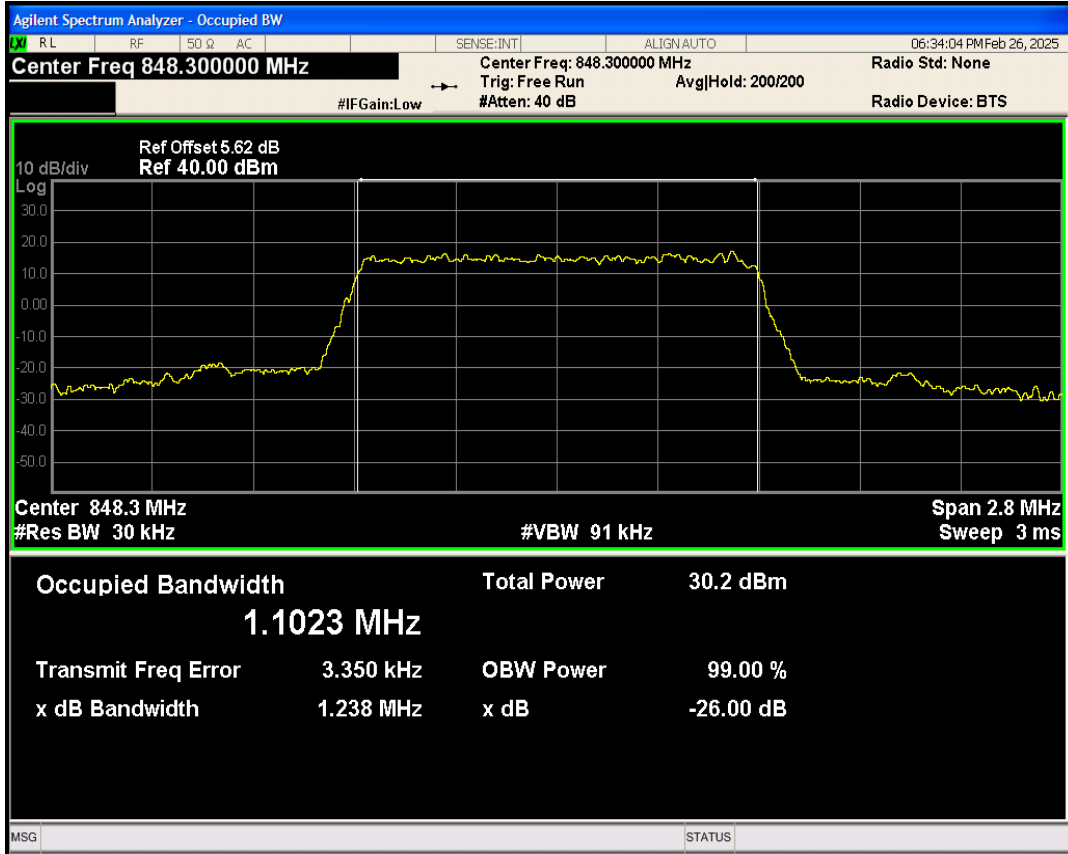
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



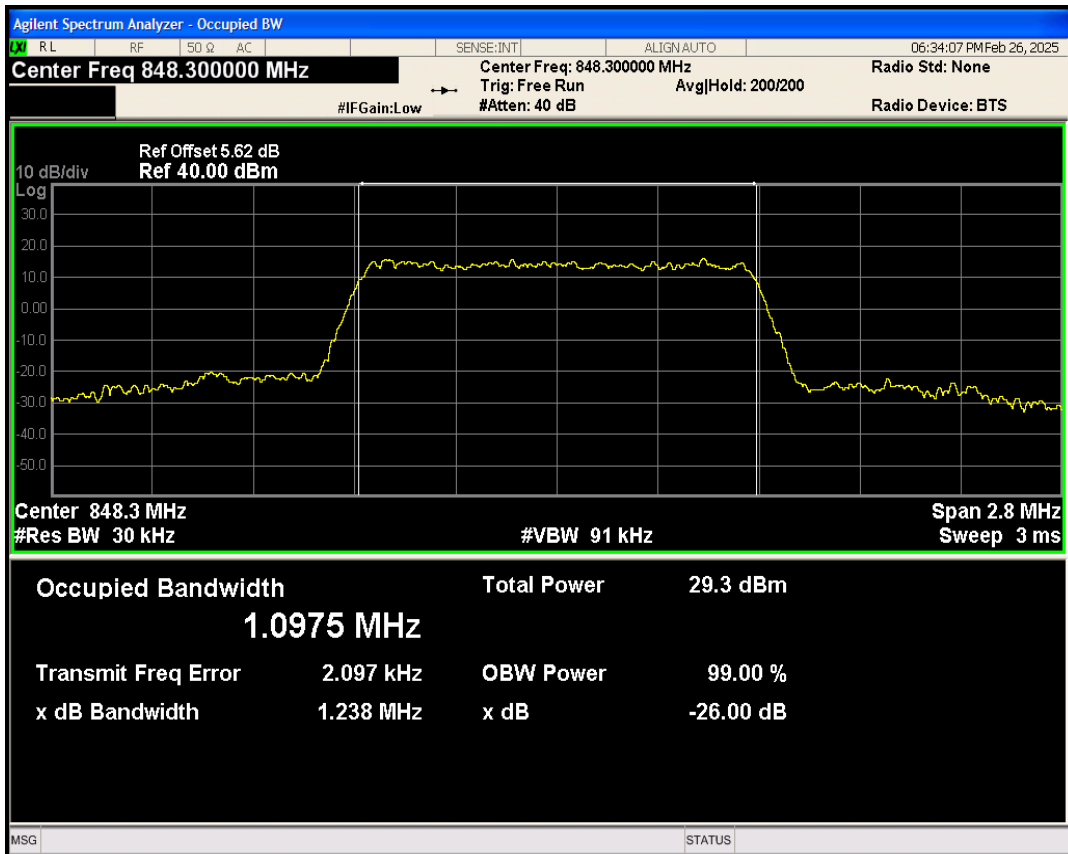
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



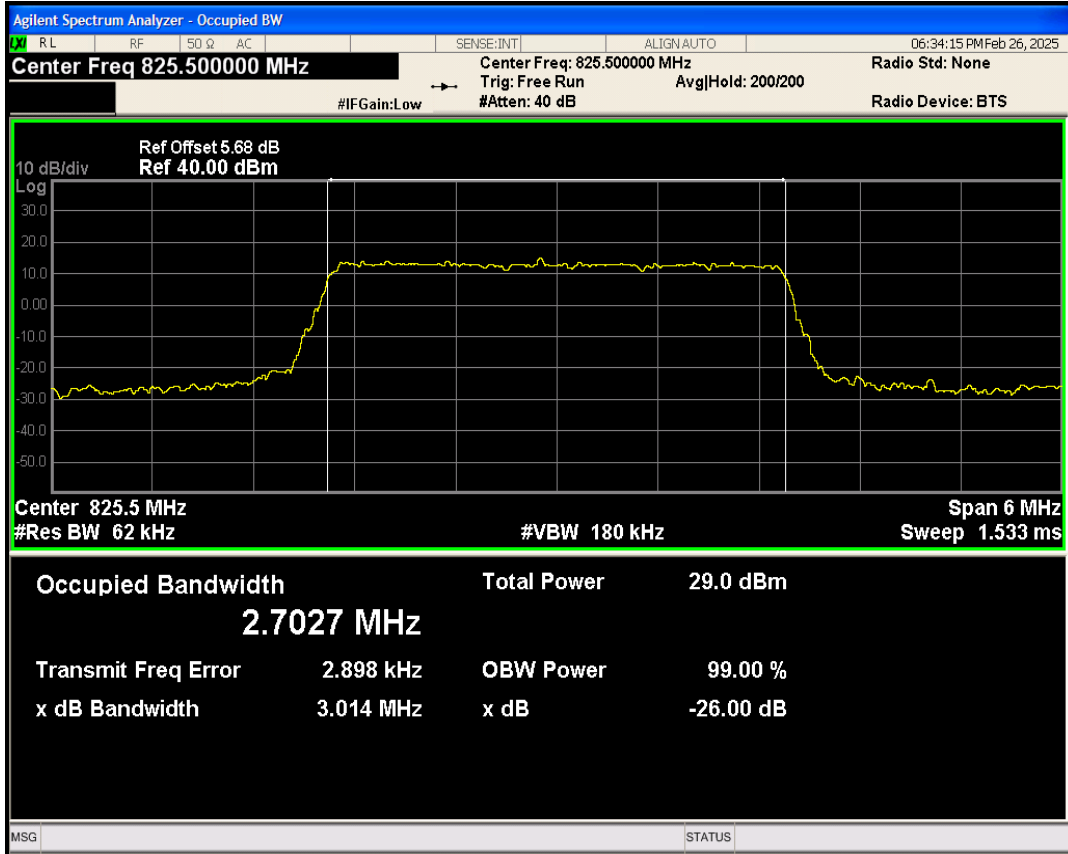
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



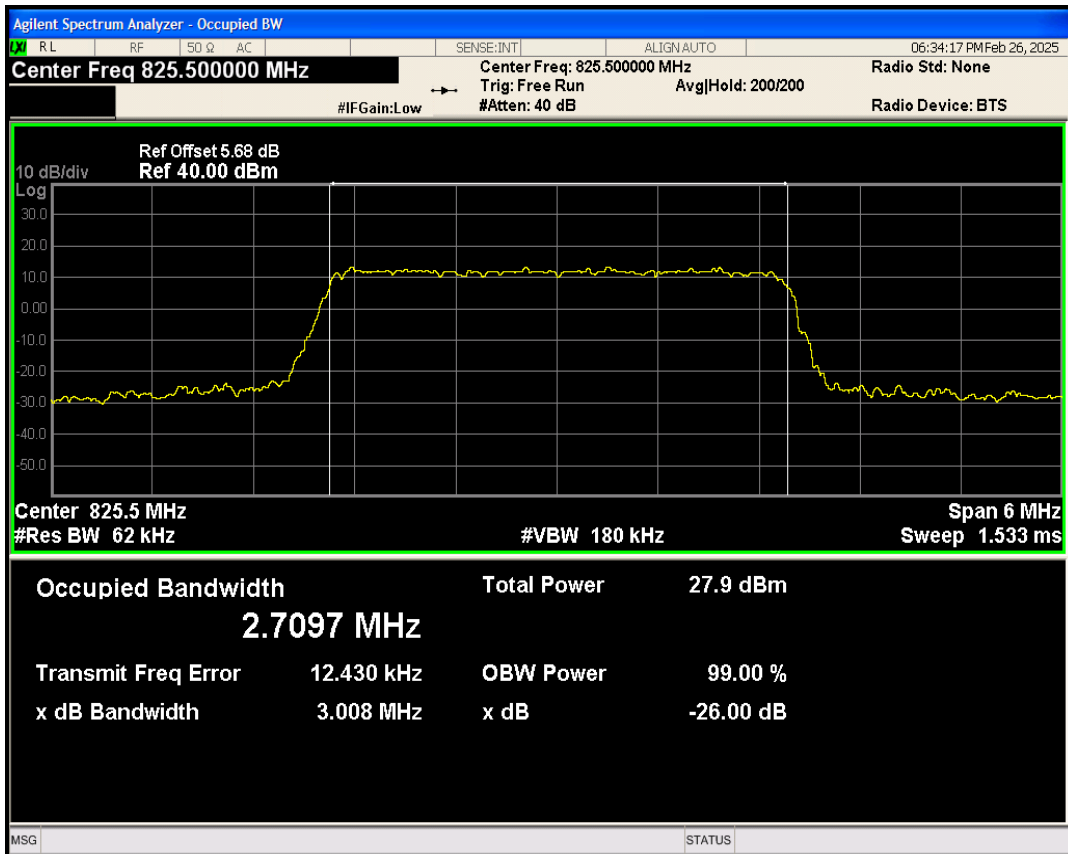
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



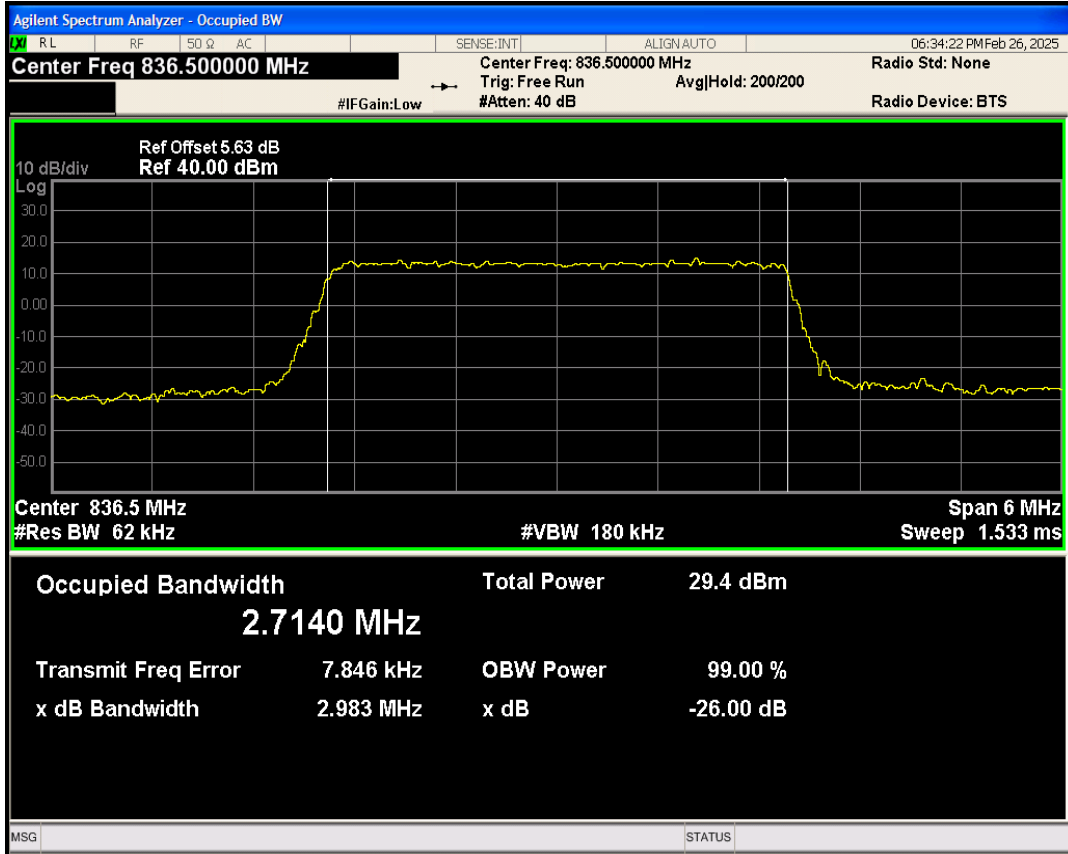
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



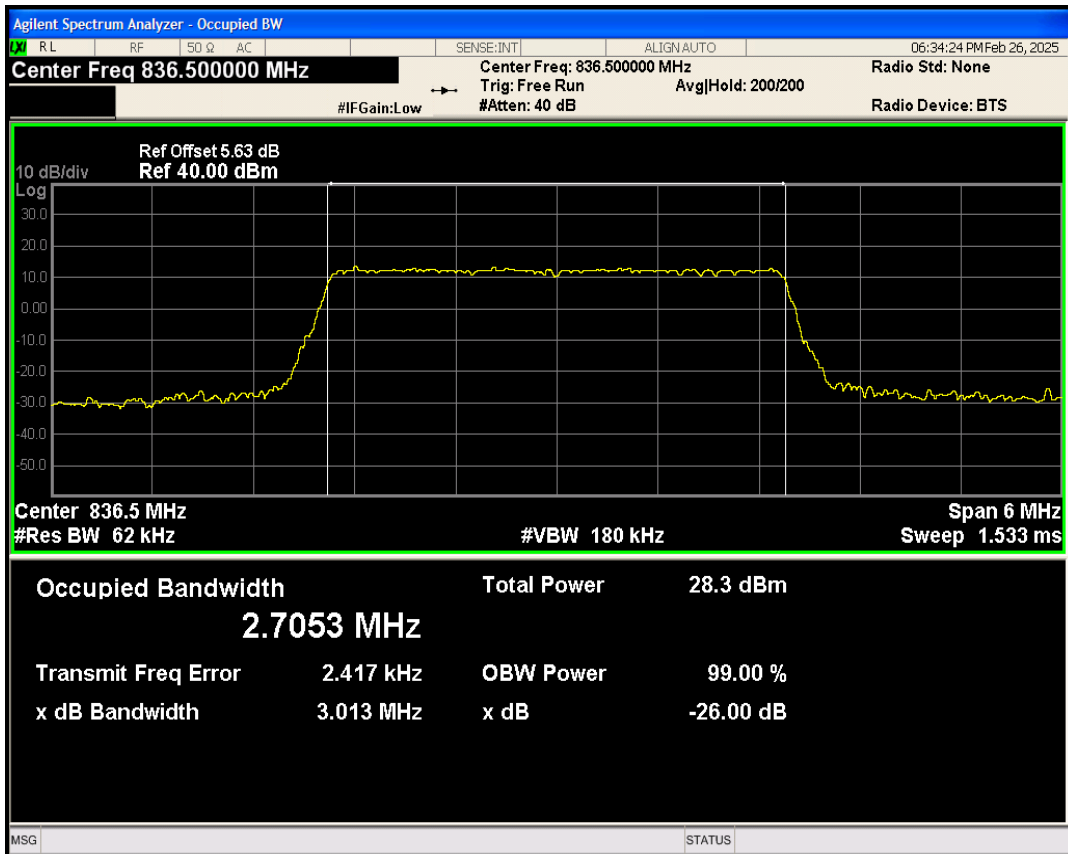
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



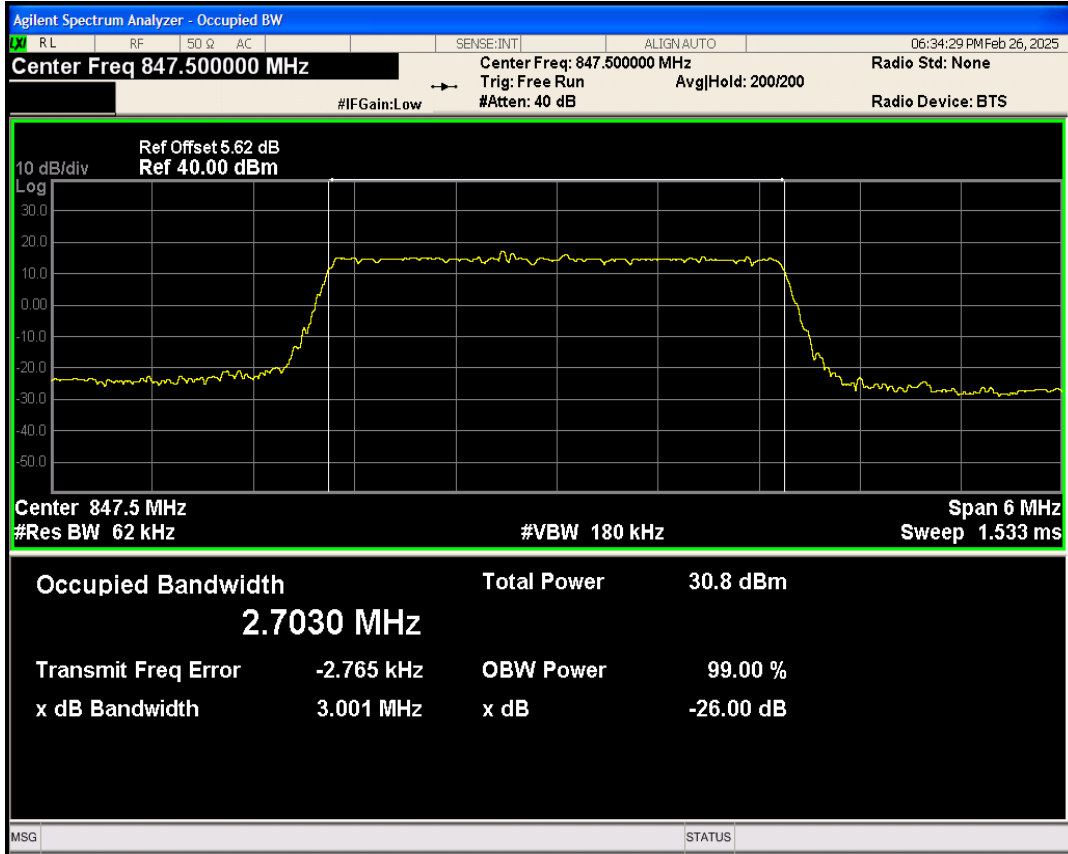
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



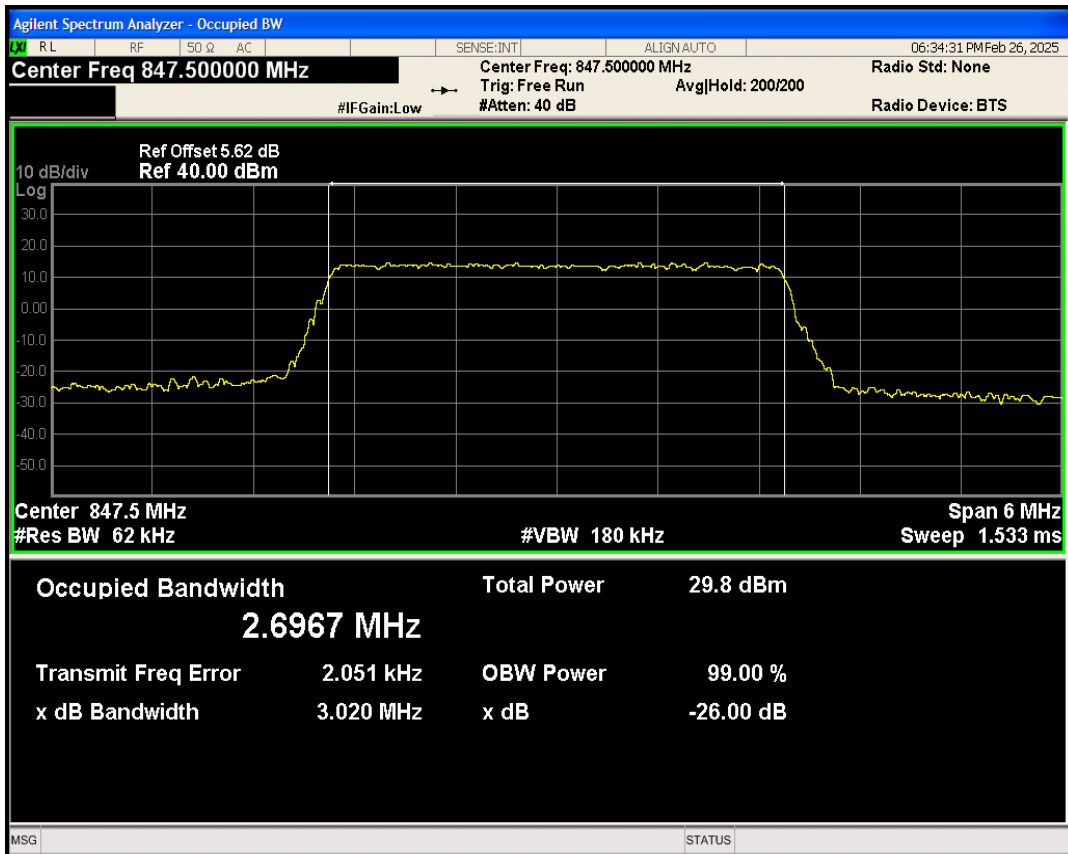
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



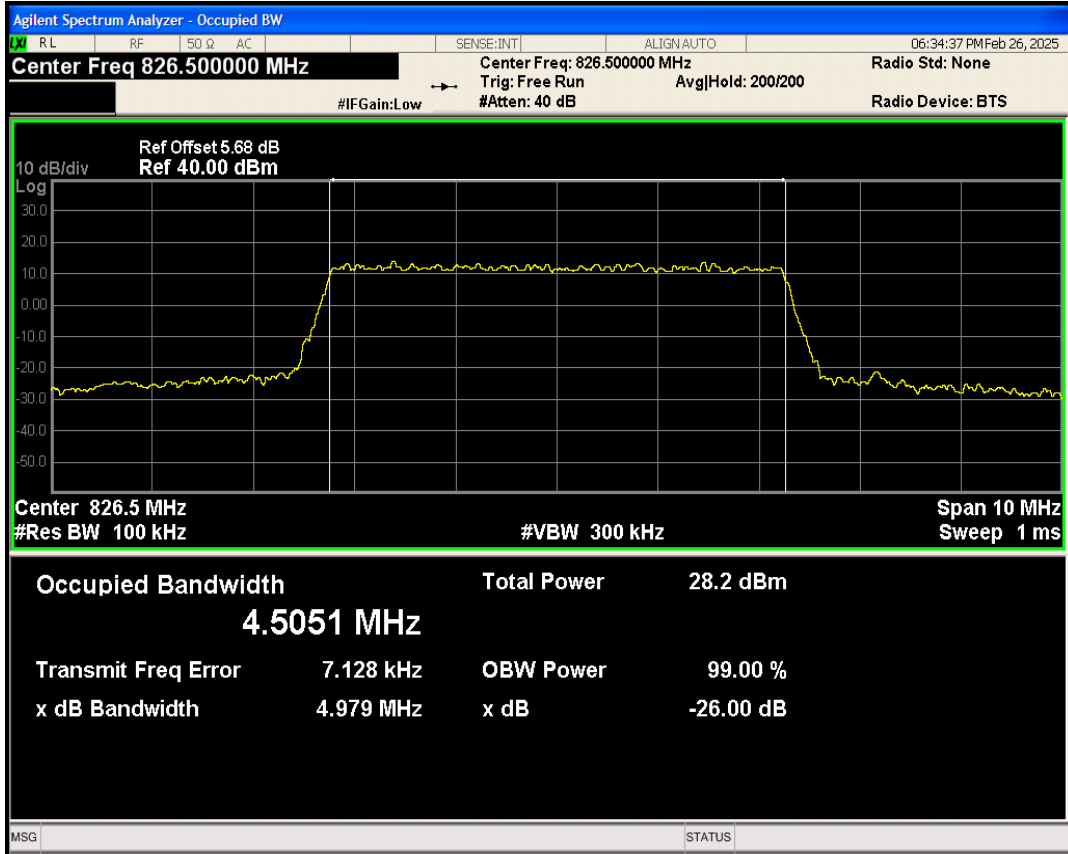
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



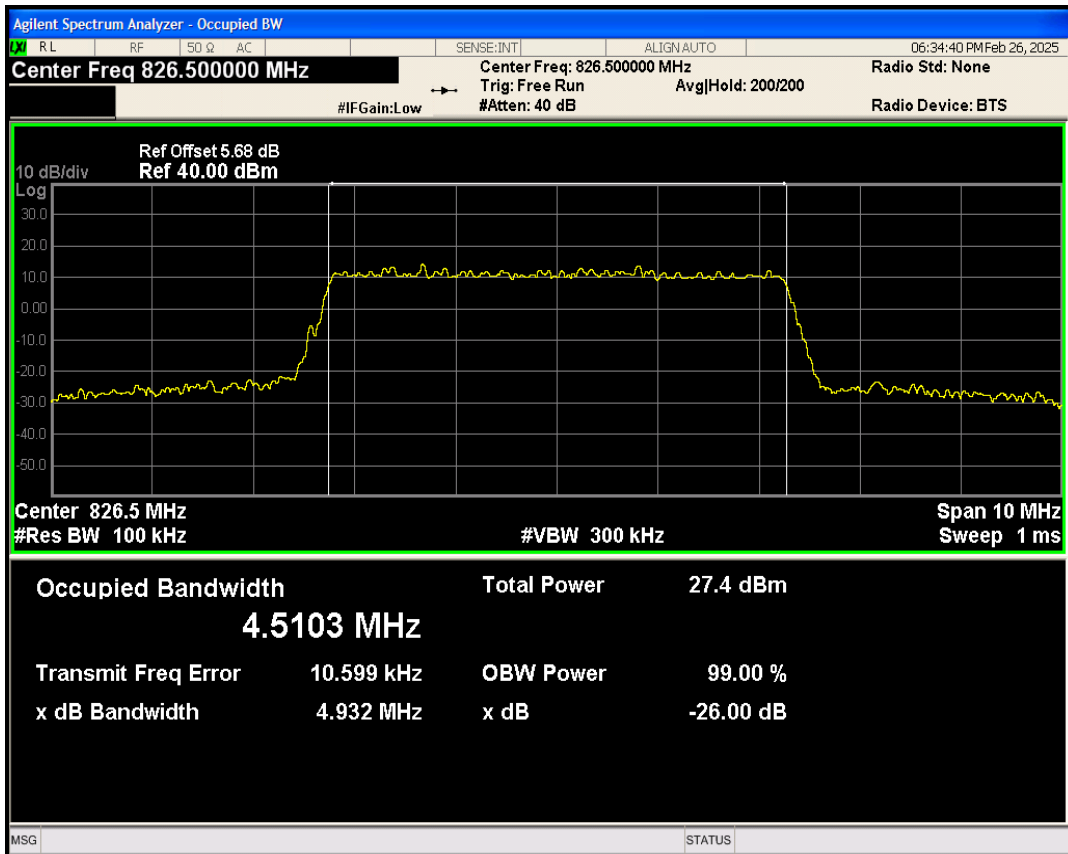
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



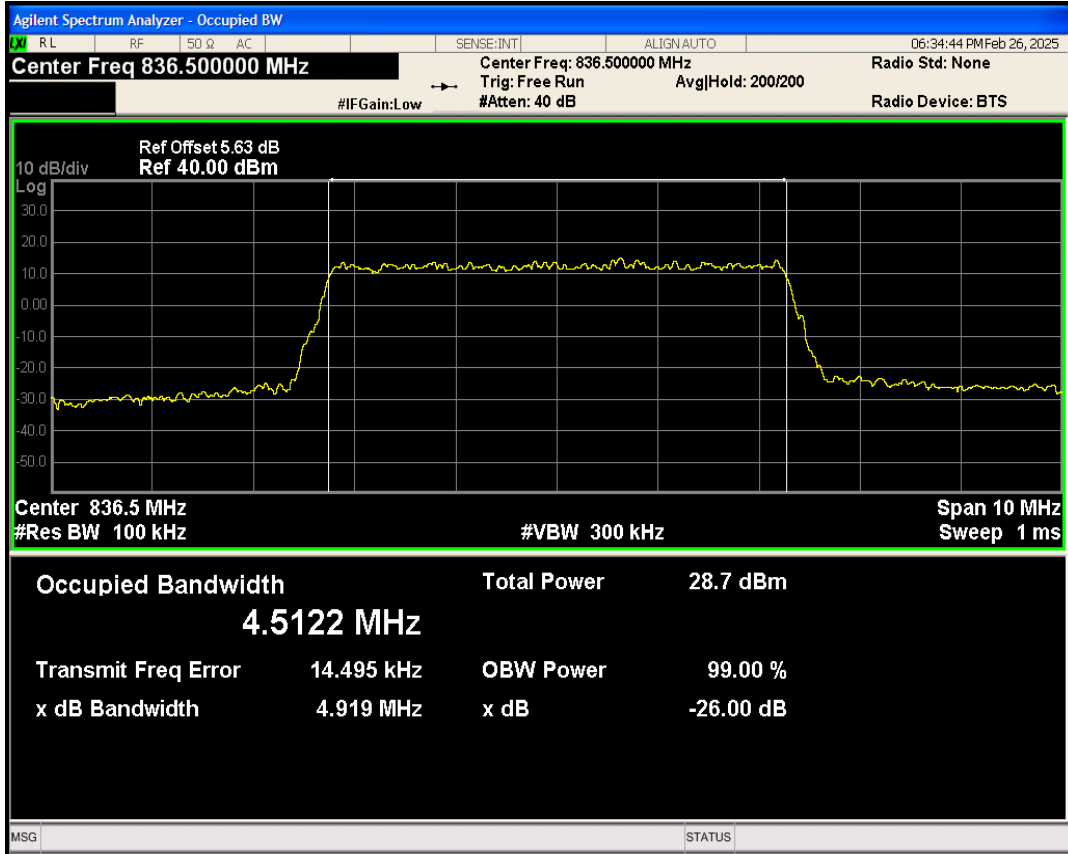
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



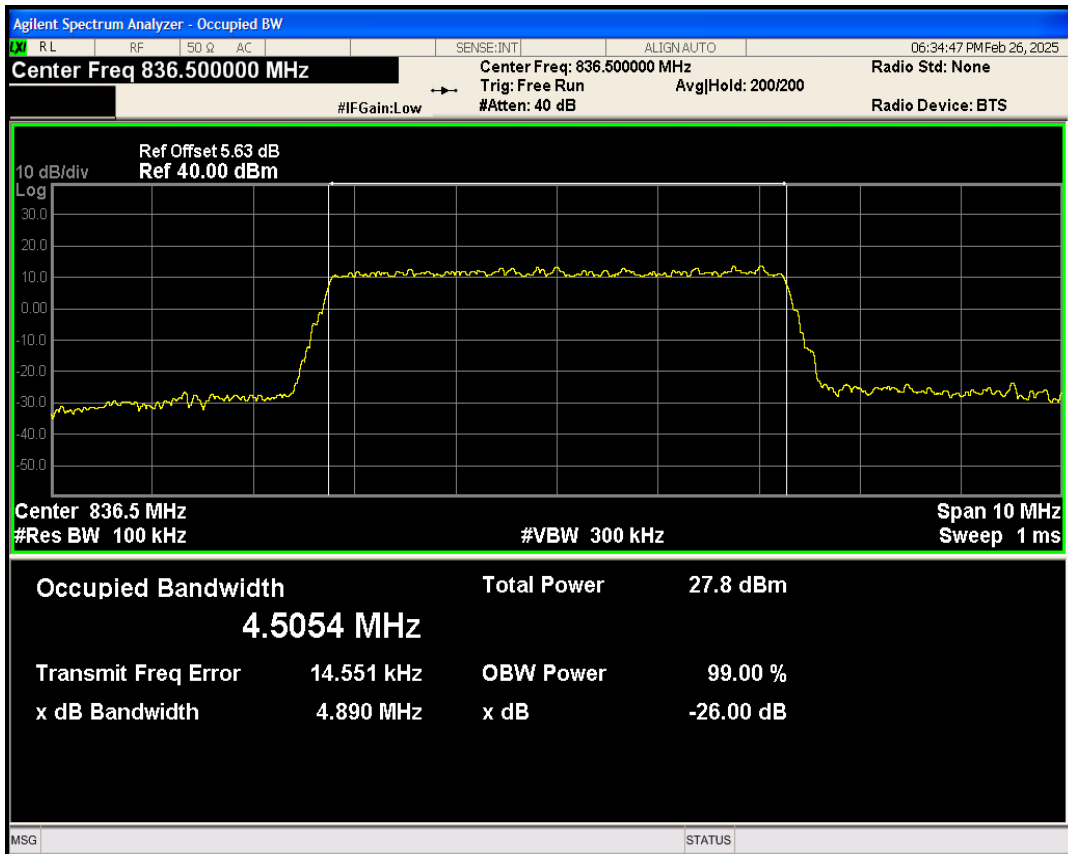
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



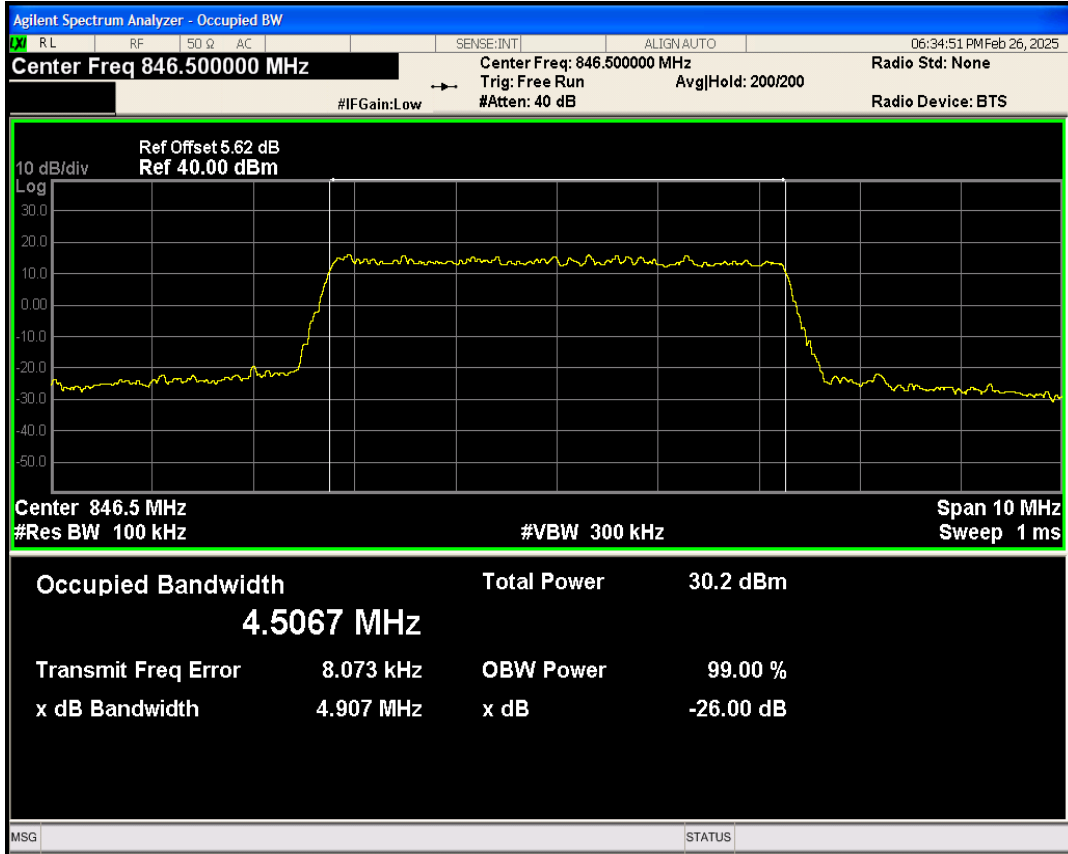
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



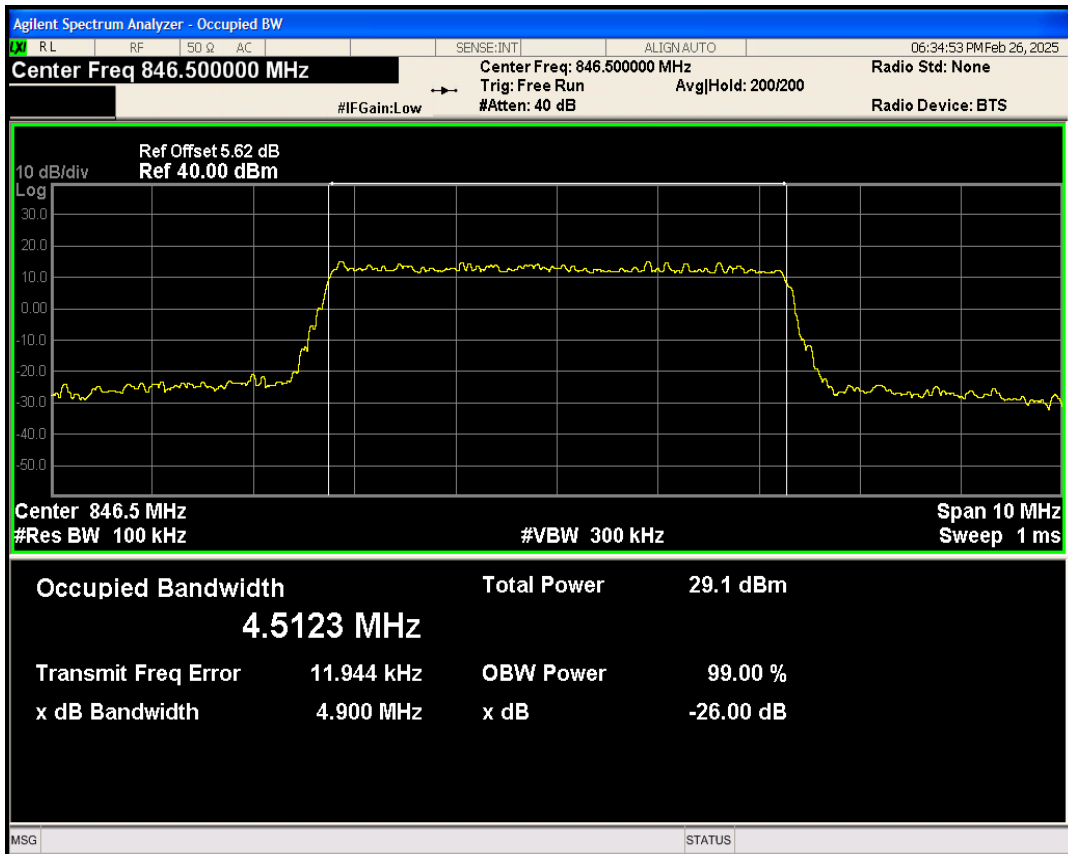
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



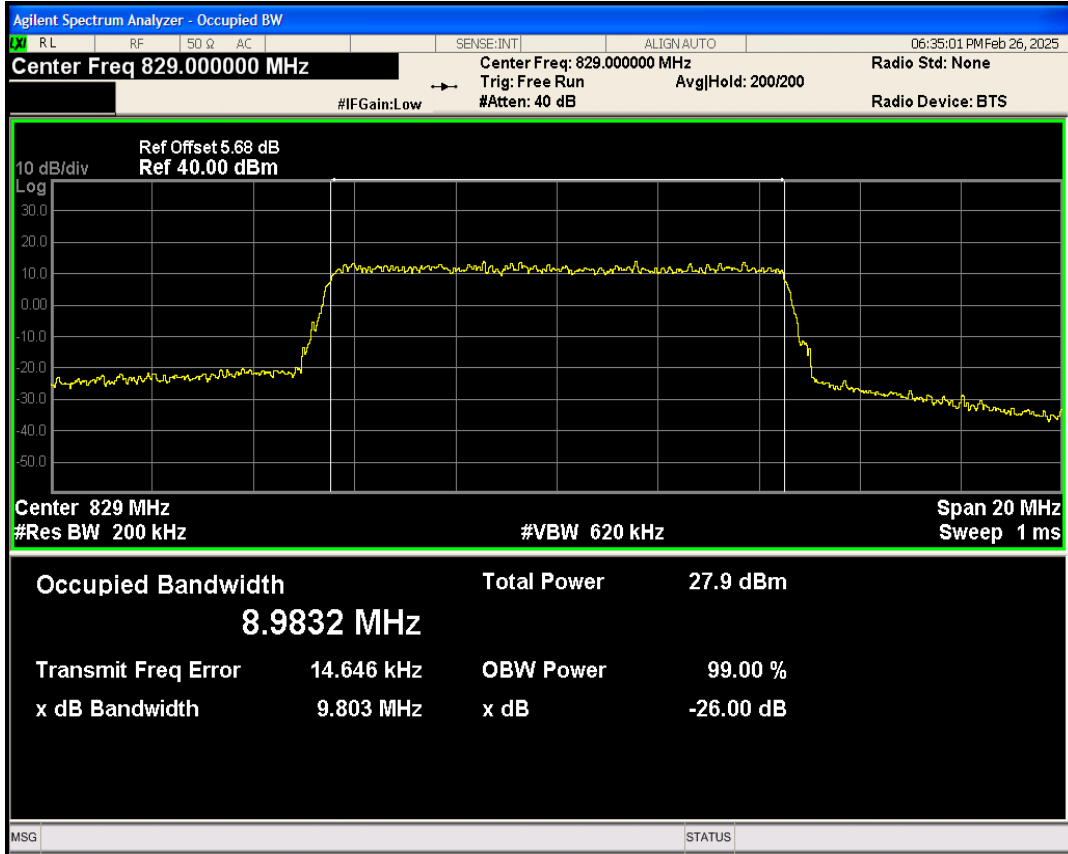
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



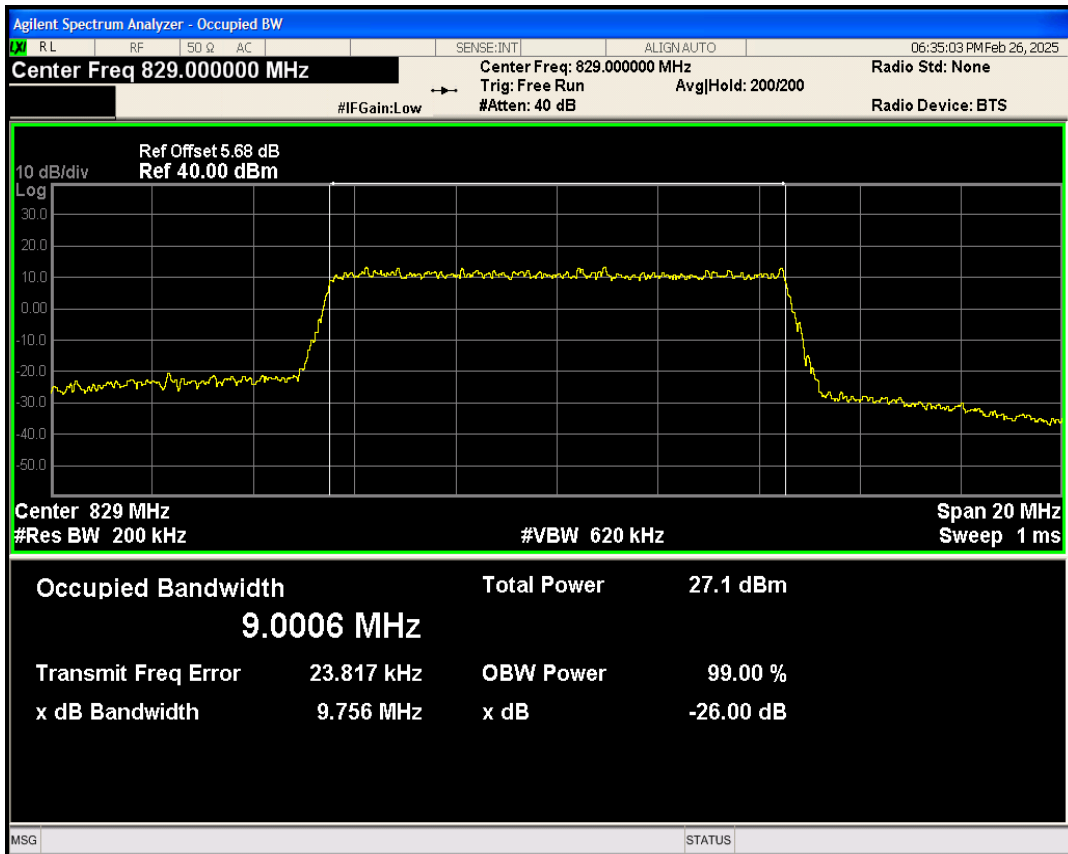
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



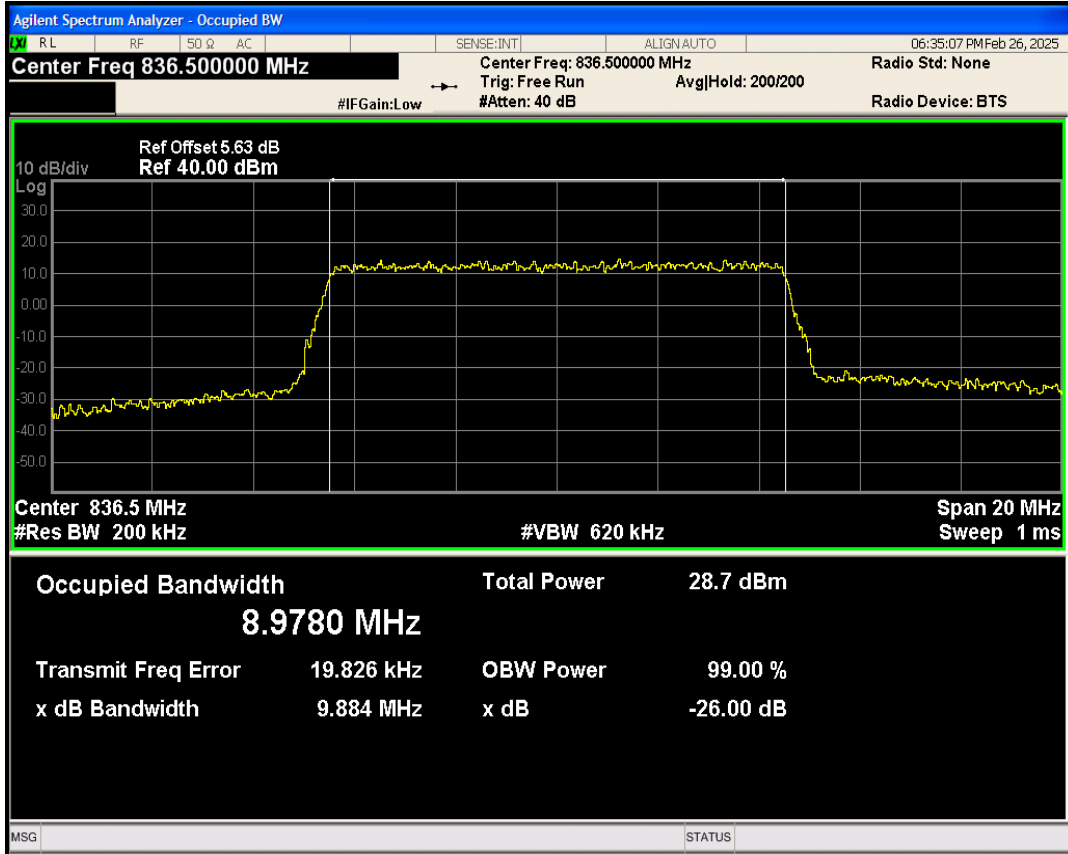
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



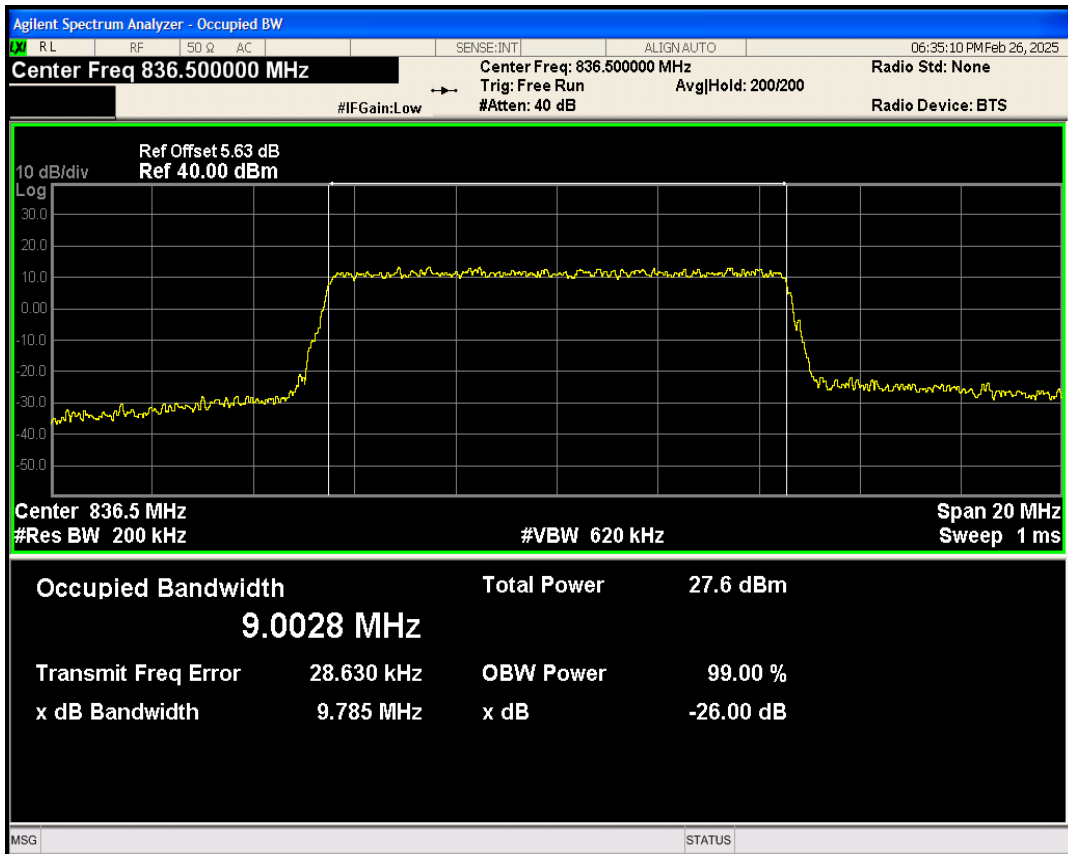
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



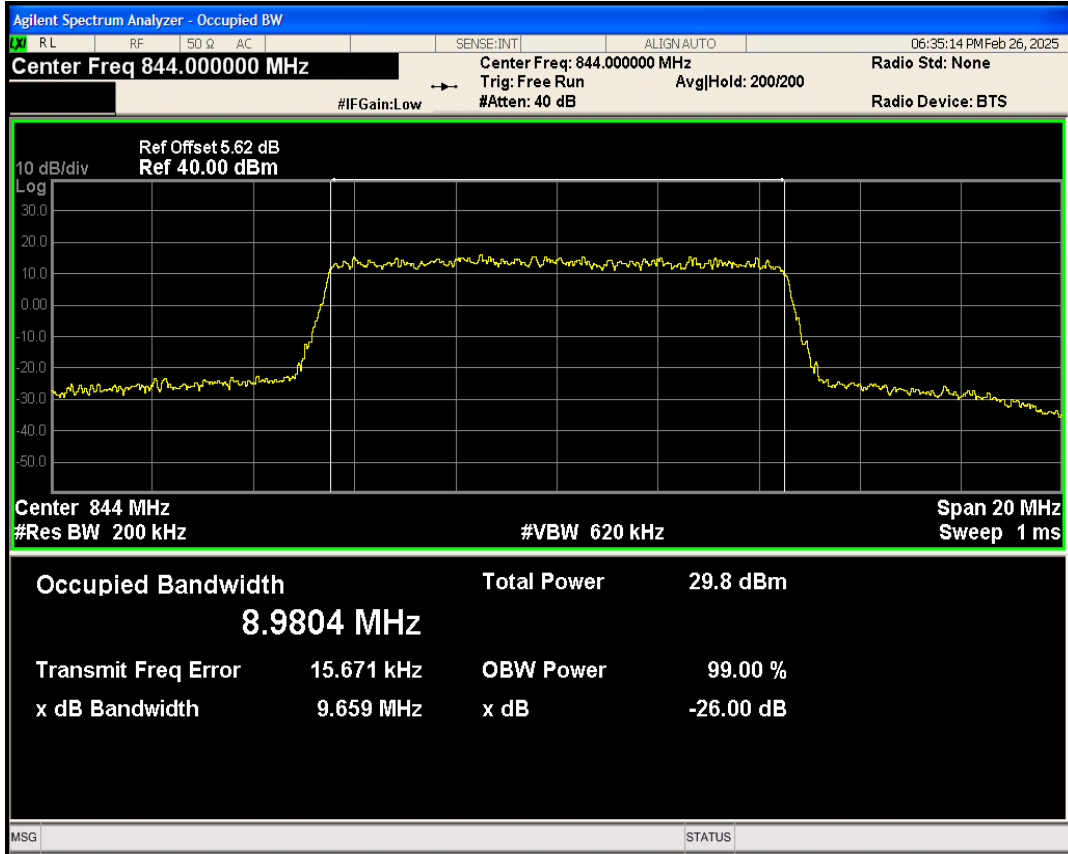
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



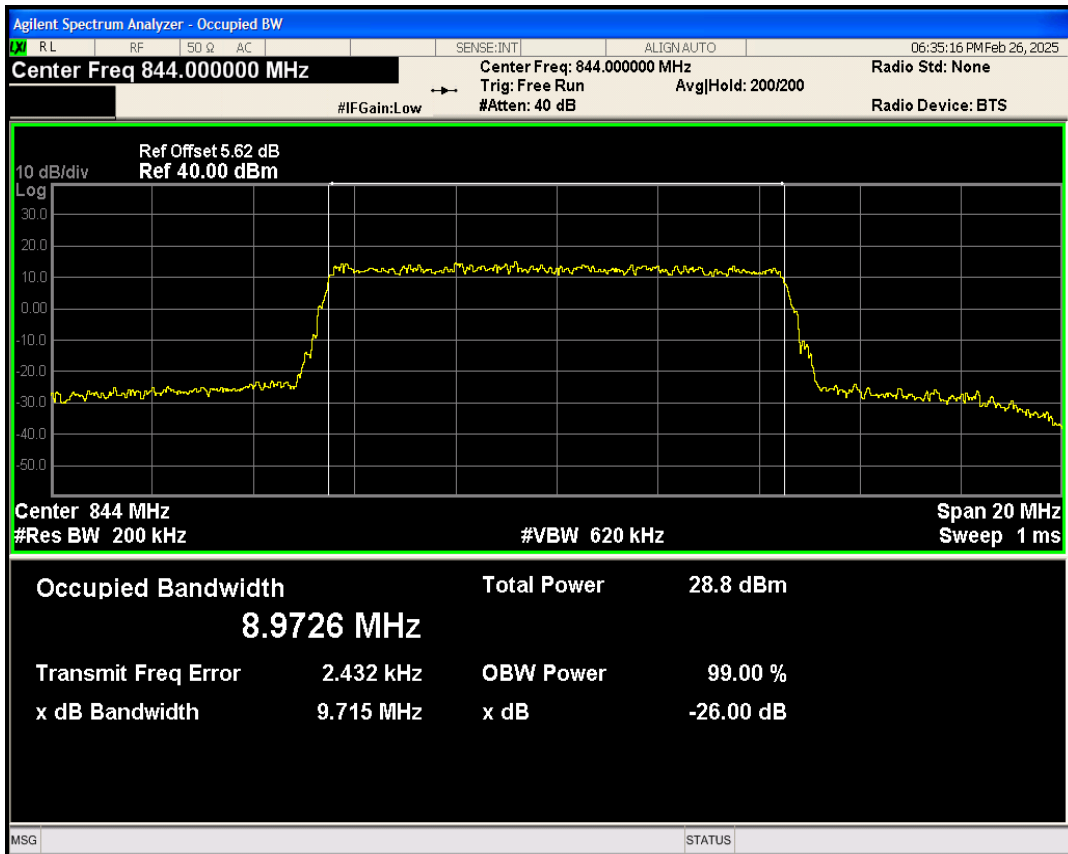
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



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



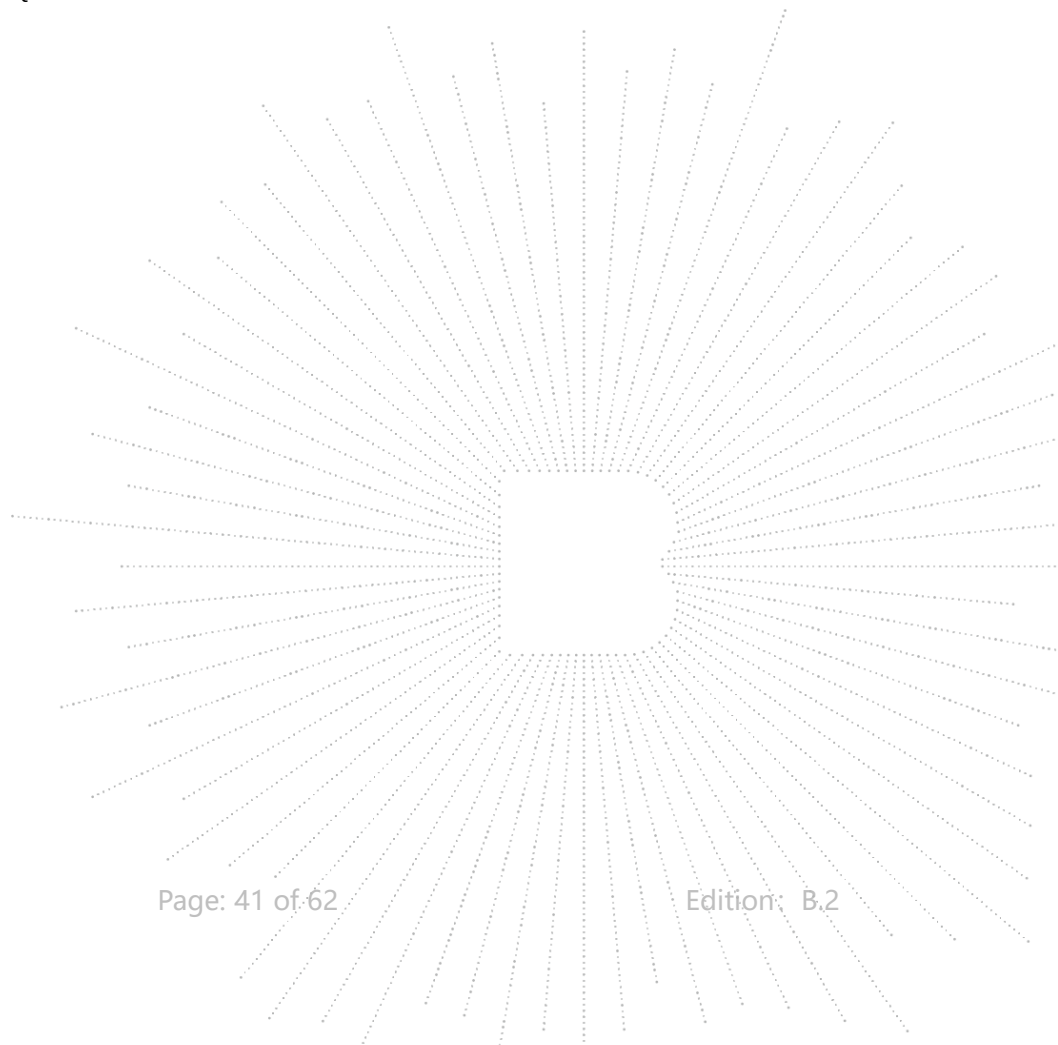
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0

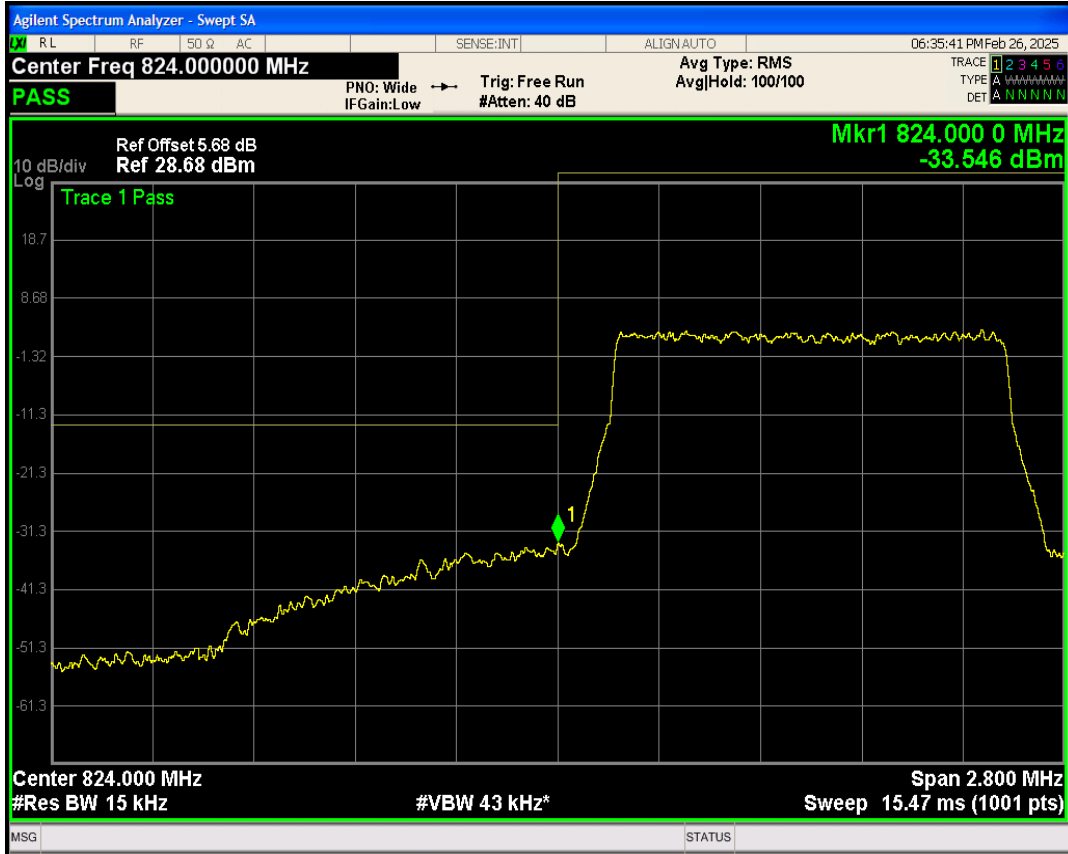


Appendix 5. Band edge

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	-33.54	-13	PASS
Band5	1.4	20407	6	#0	16QAM	823.97	-34.83	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.04	-33.58	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.04	-35.64	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-27.89	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-29.72	-13	PASS
Band5	3	20635	15	#0	QPSK	849.02	-29.30	-13	PASS
Band5	3	20635	15	#0	16QAM	849.00	-28.04	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-30.73	-13	PASS
Band5	5	20425	25	#0	16QAM	824.00	-32.30	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-30.57	-13	PASS
Band5	5	20625	25	#0	16QAM	849.01	-31.33	-13	PASS
Band5	10	20450	50	#0	QPSK	823.98	-30.33	-13	PASS
Band5	10	20450	50	#0	16QAM	823.74	-32.86	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-33.11	-13	PASS
Band5	10	20600	50	#0	16QAM	849.02	-33.56	-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



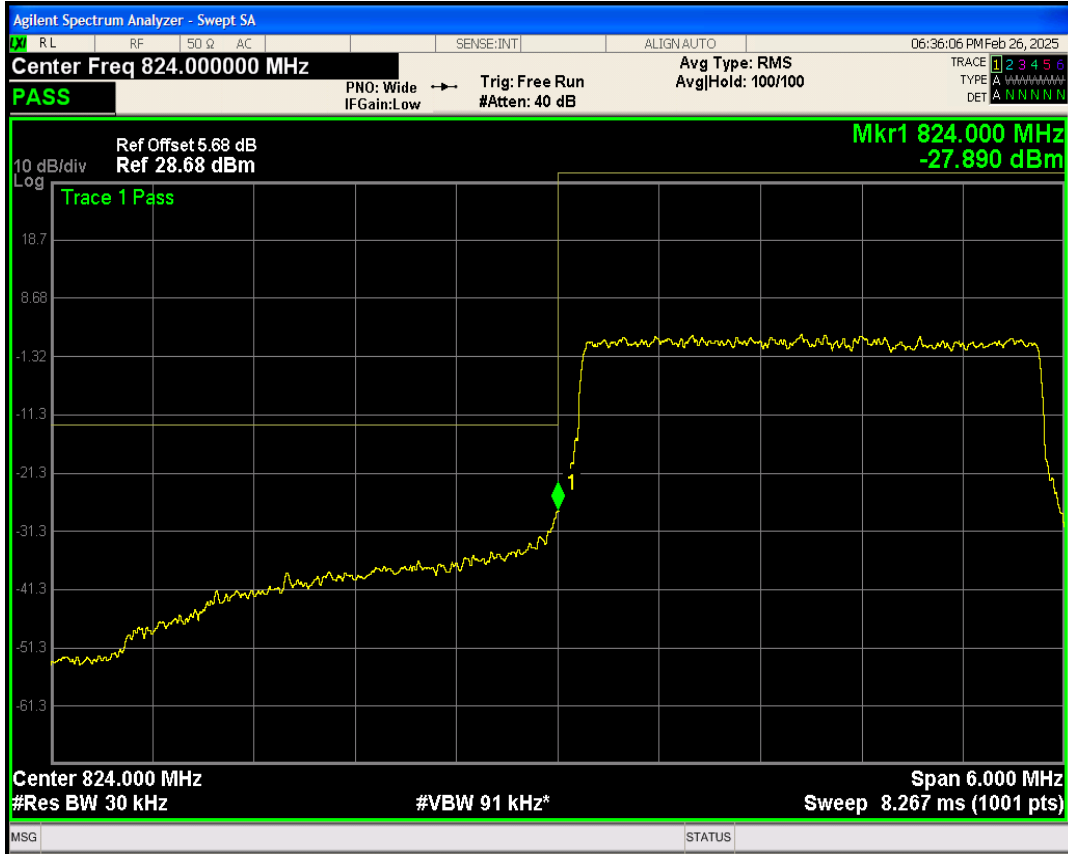
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



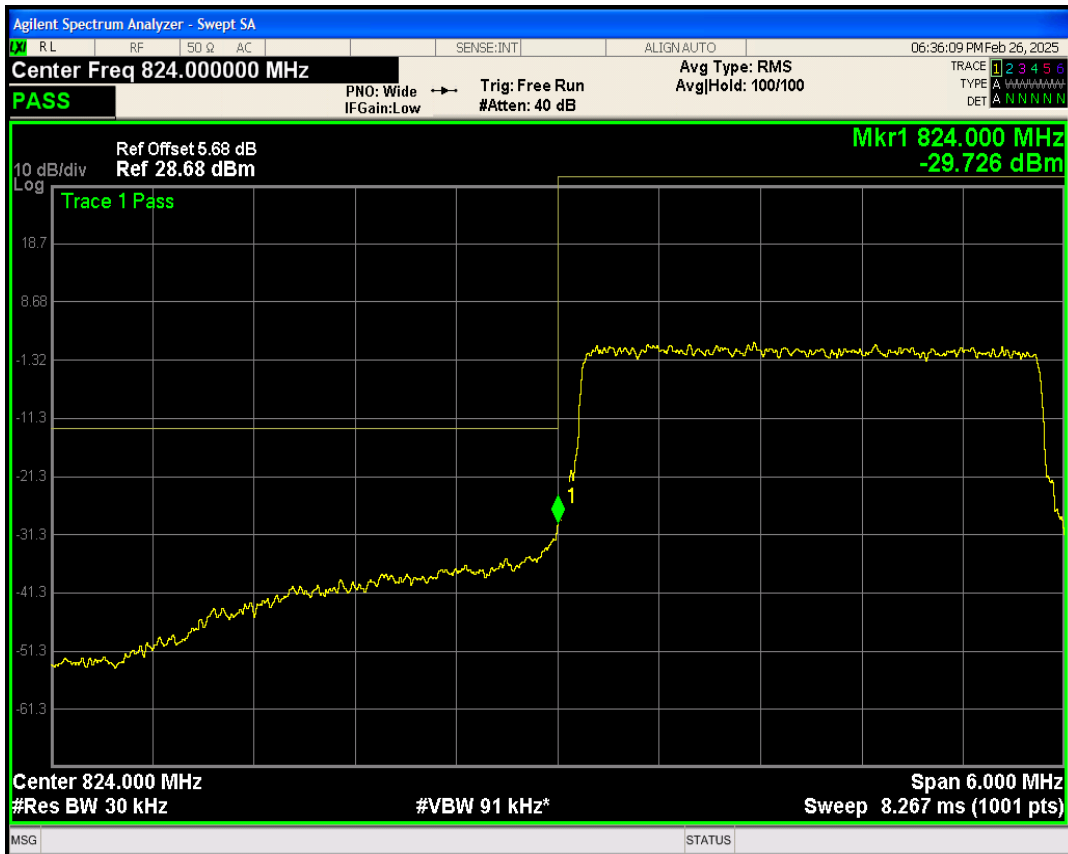
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



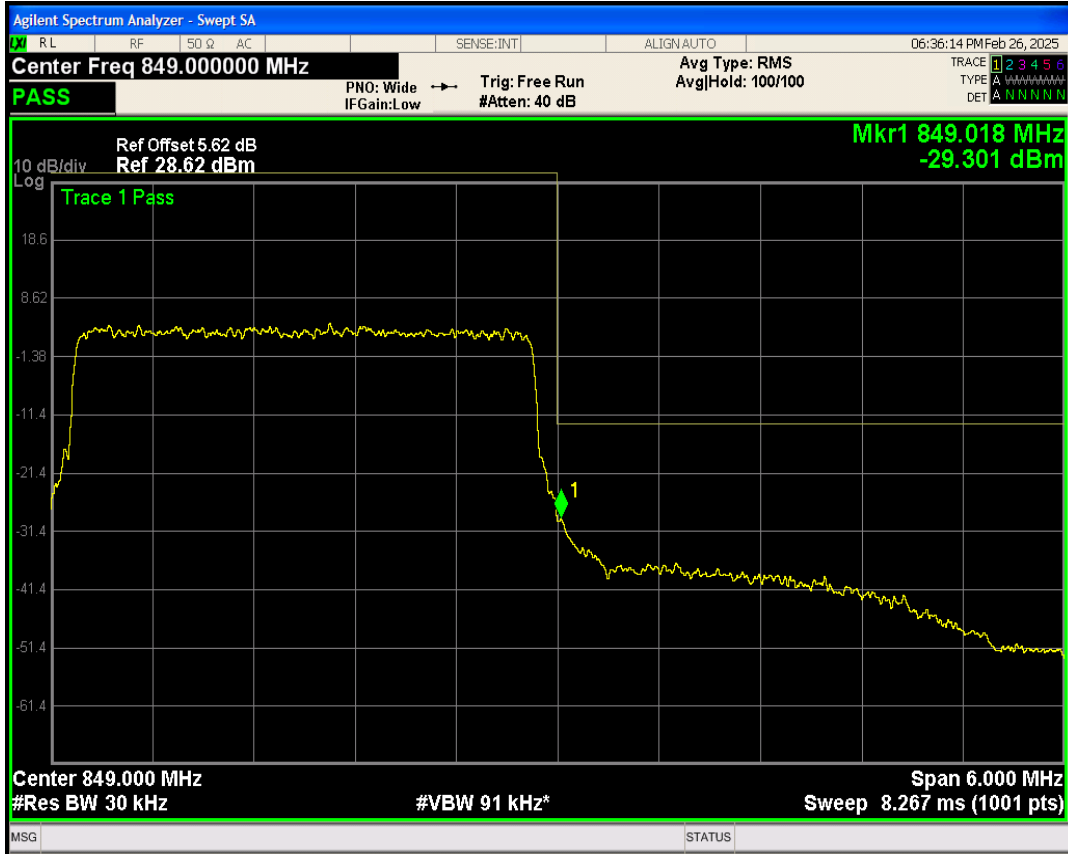
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



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



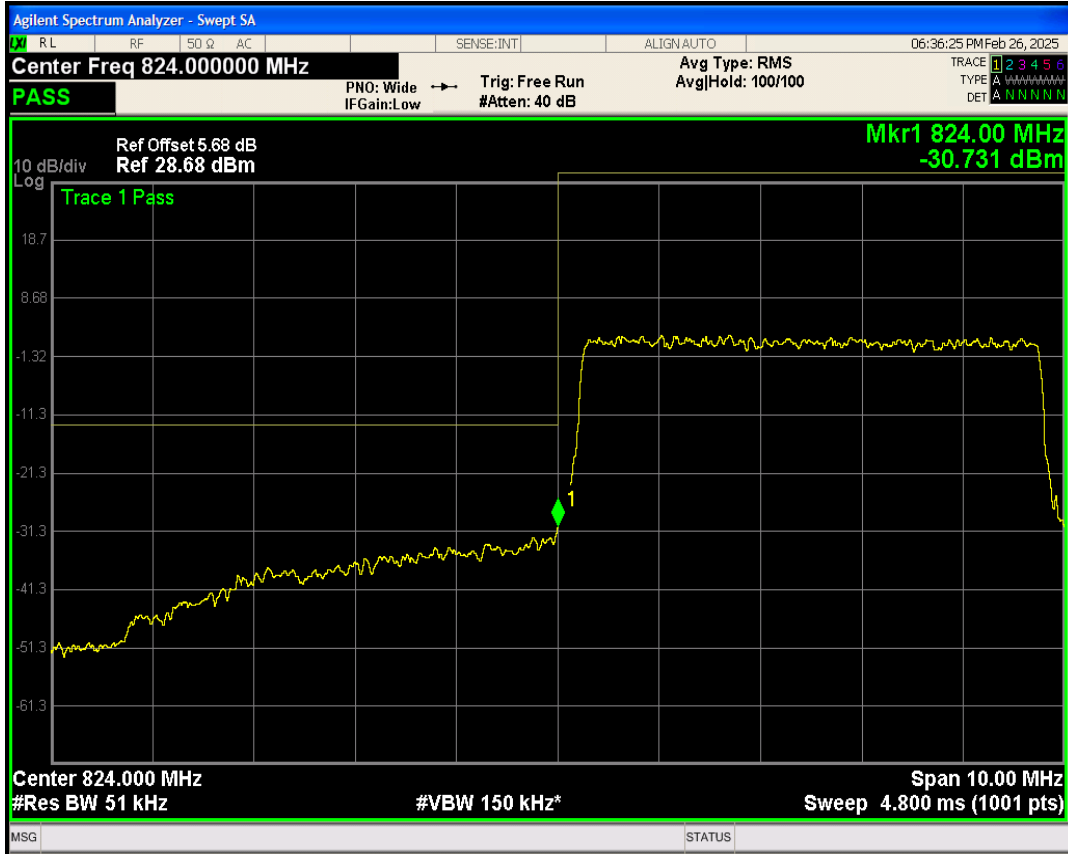
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



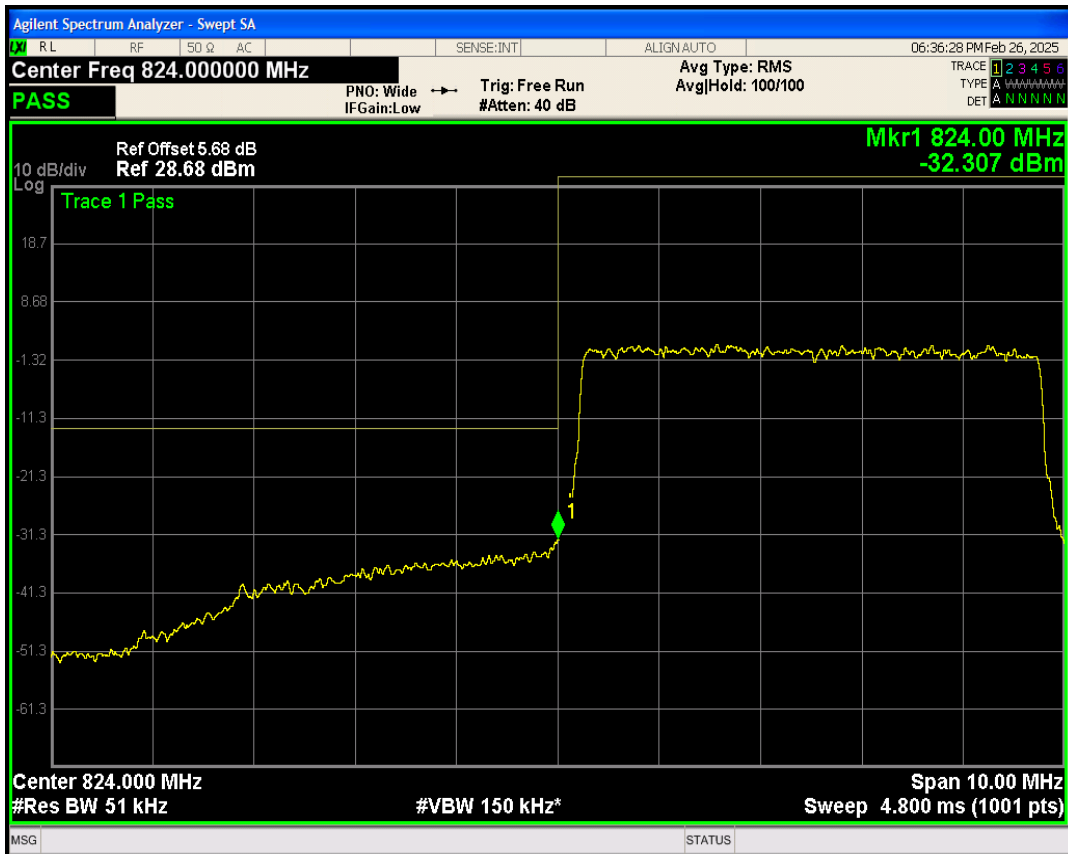
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



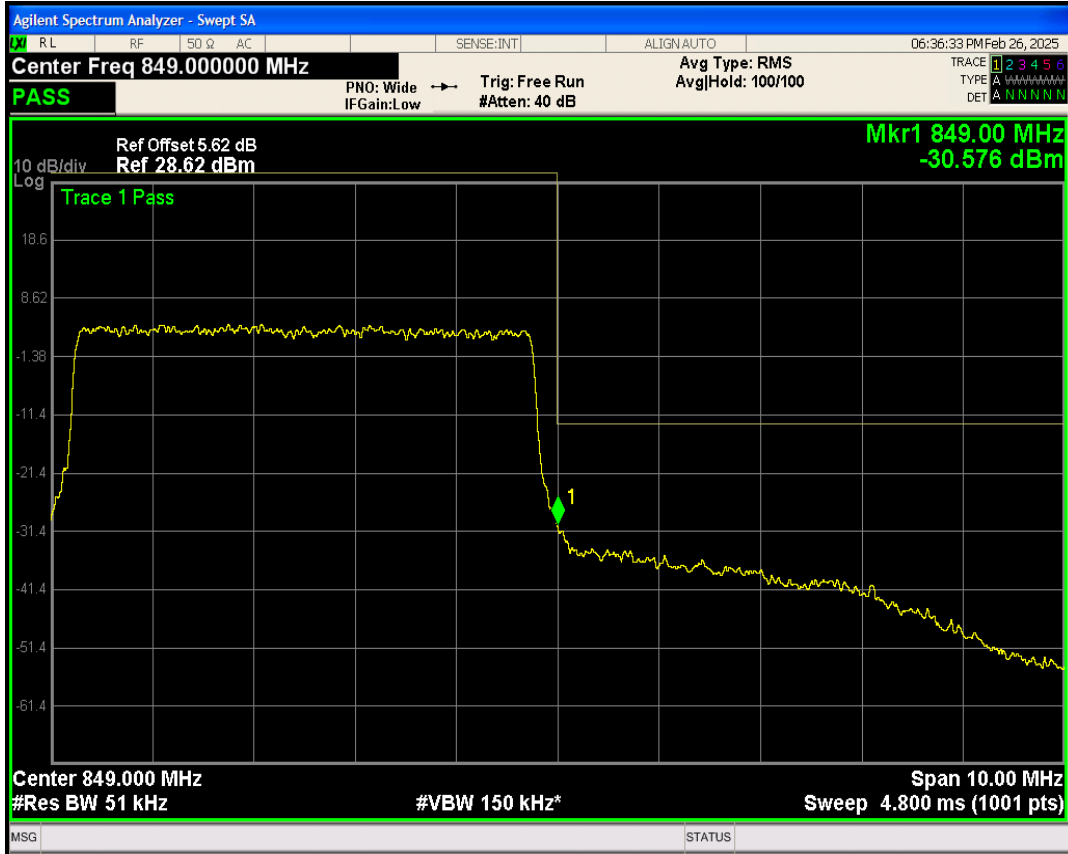
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



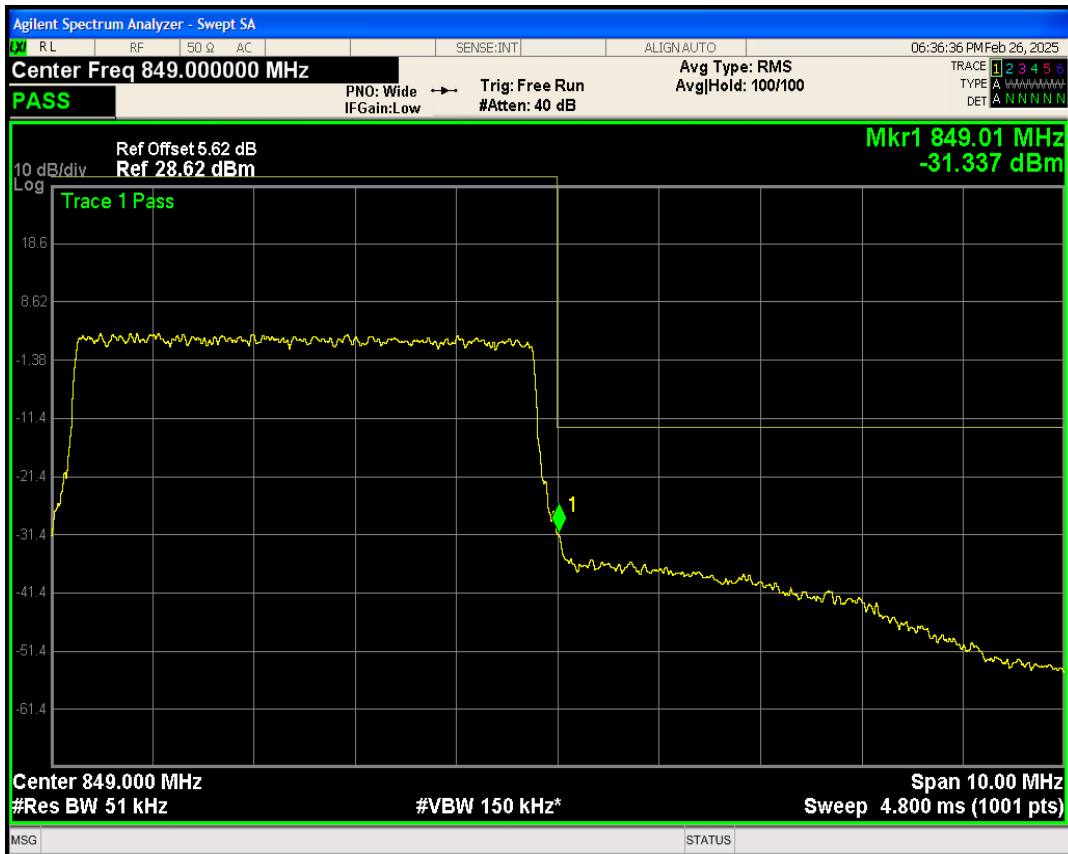
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



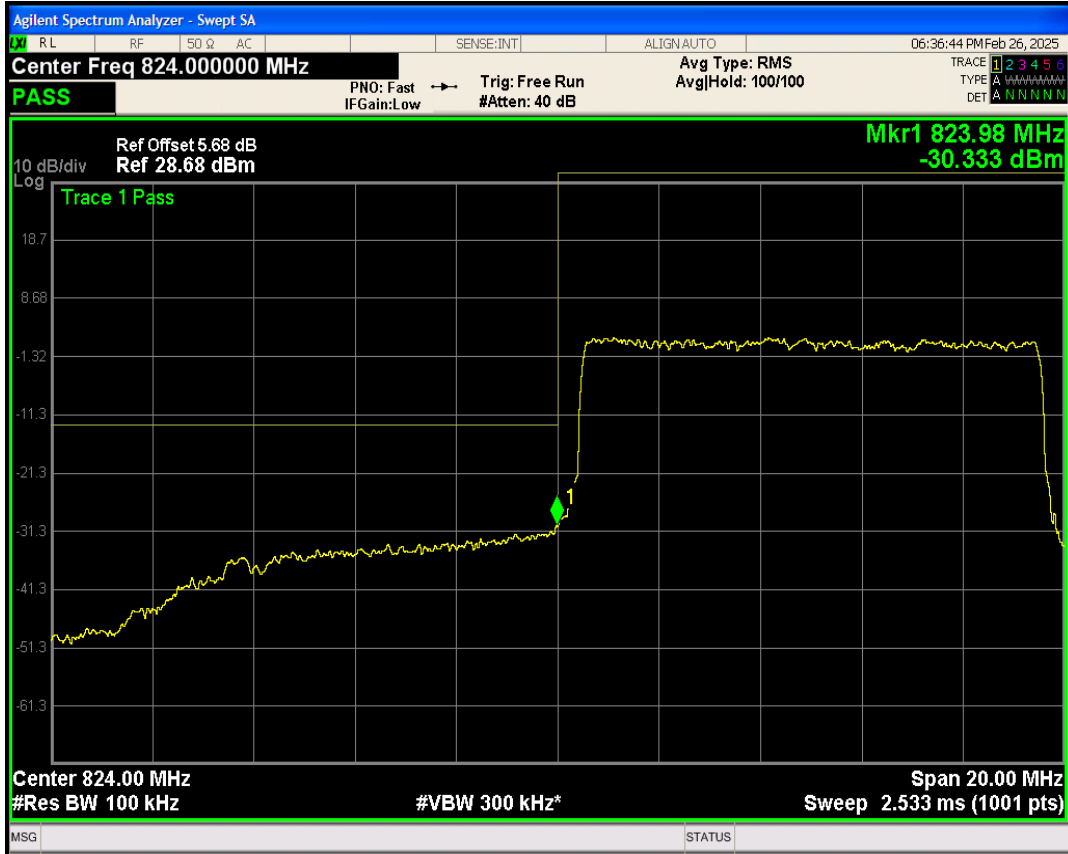
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



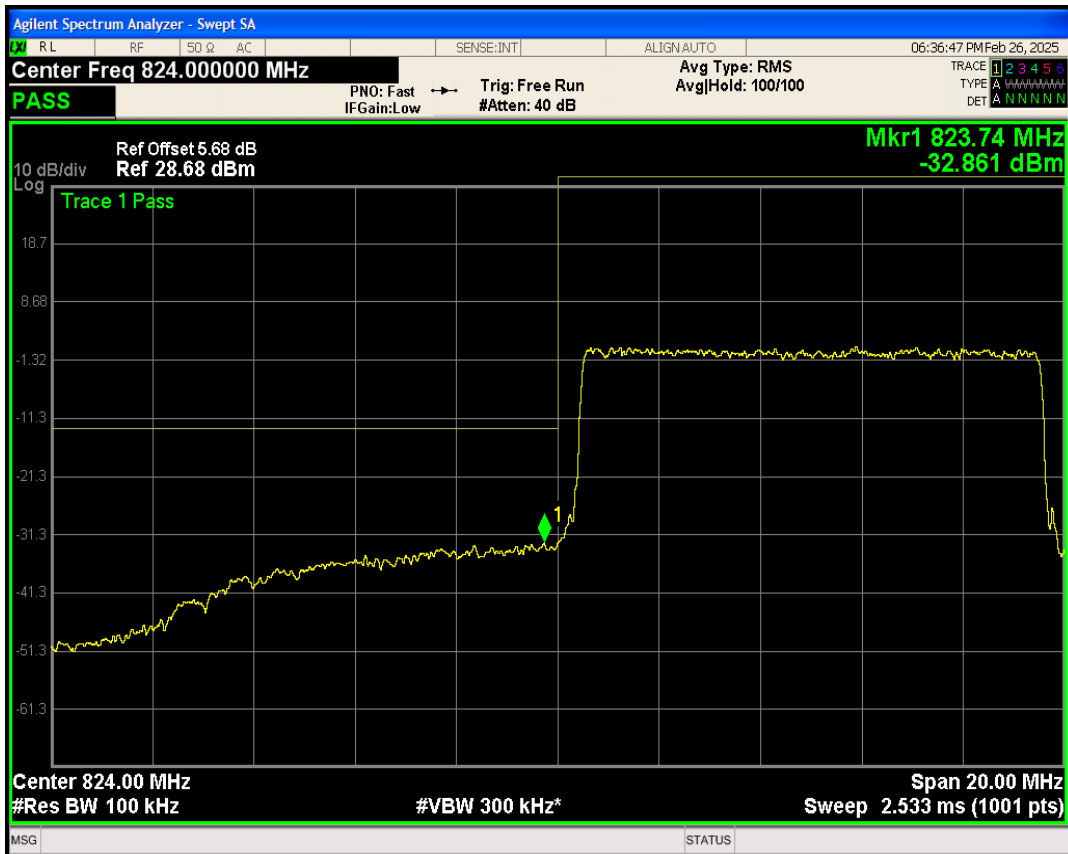
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



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



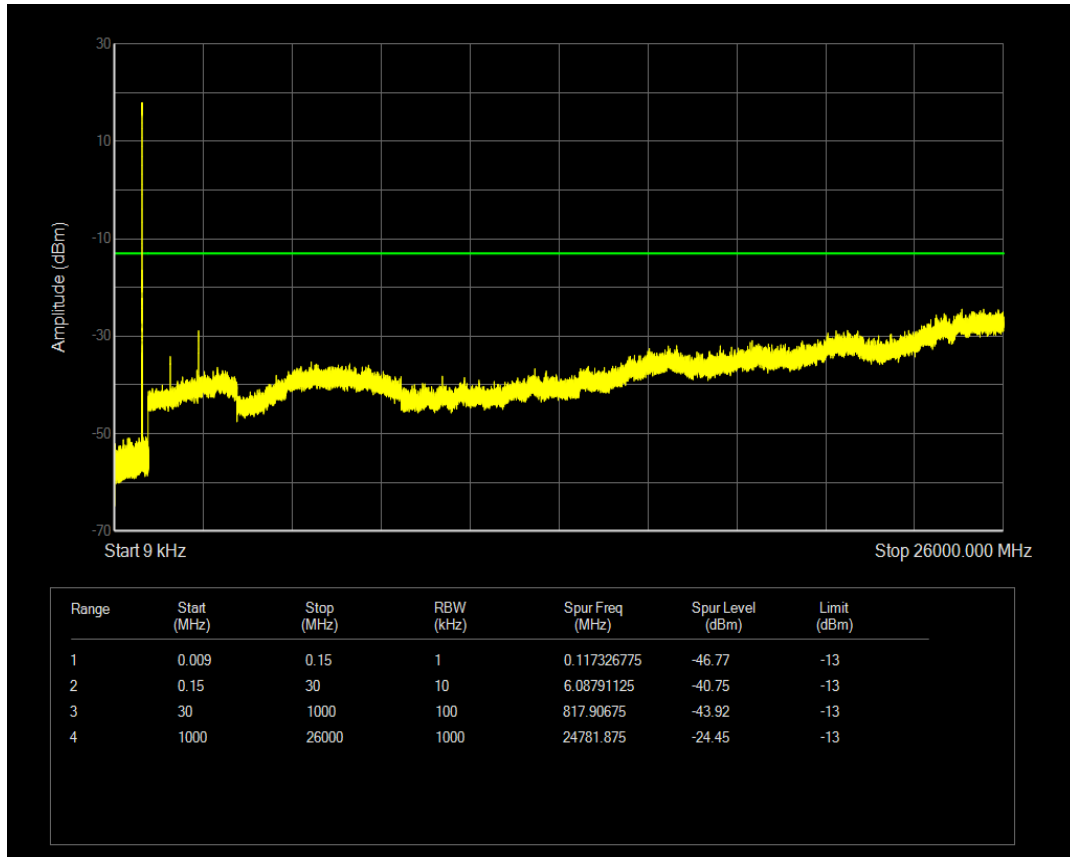
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



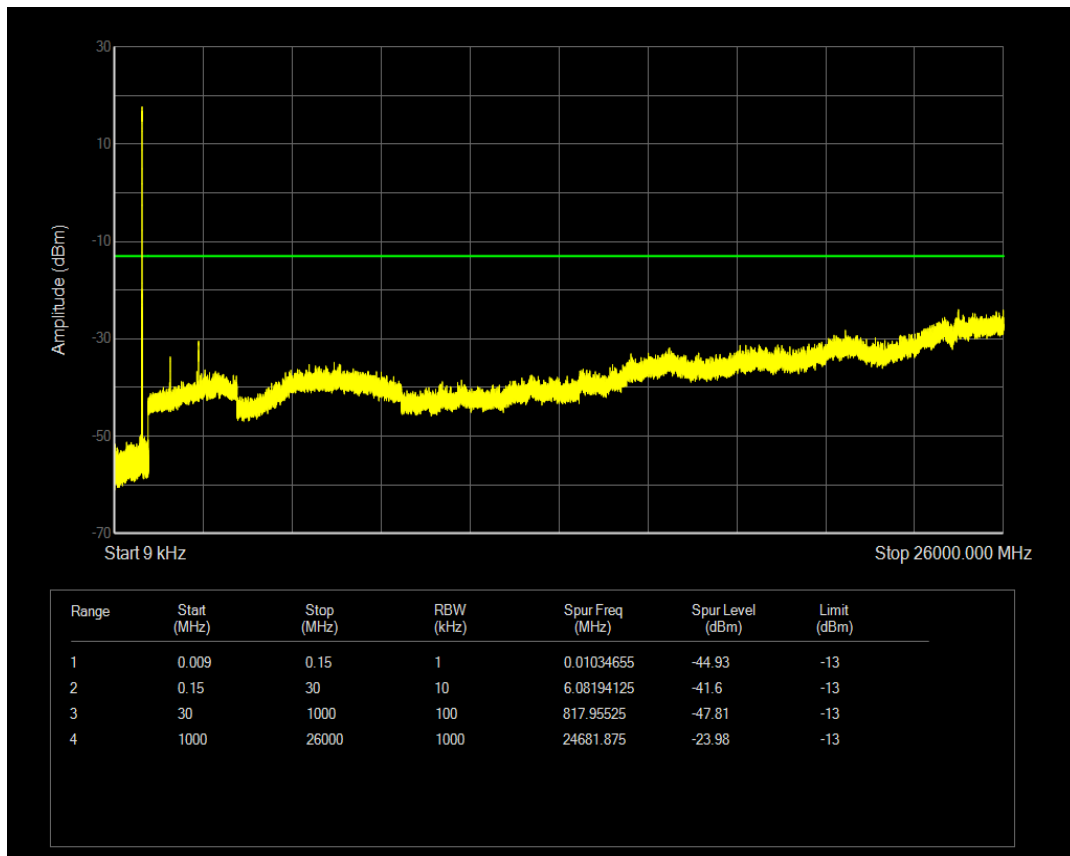
Appendix 6. Out-of-band emissions

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	24781.88	-24.45	-13	PASS
Band5	1.4	20407	6	#0	16QAM	24681.88	-23.98	-13	PASS
Band5	1.4	20525	6	#0	QPSK	24735.00	-24.49	-13	PASS
Band5	1.4	20525	6	#0	16QAM	25680.00	-24.24	-13	PASS
Band5	1.4	20643	6	#0	QPSK	25120.63	-23.54	-13	PASS
Band5	1.4	20643	6	#0	16QAM	24685.63	-24.27	-13	PASS
Band5	3	20415	15	#0	QPSK	25930.63	-23.89	-13	PASS
Band5	3	20415	15	#0	16QAM	25085.63	-24.12	-13	PASS
Band5	3	20525	15	#0	QPSK	25462.50	-24.23	-13	PASS
Band5	3	20525	15	#0	16QAM	25443.75	-23.83	-13	PASS
Band5	3	20635	15	#0	QPSK	25982.50	-23.75	-13	PASS
Band5	3	20635	15	#0	16QAM	25745.63	-24.36	-13	PASS
Band5	5	20425	25	#0	QPSK	25178.75	-23.83	-13	PASS
Band5	5	20425	25	#0	16QAM	25913.13	-24.11	-13	PASS
Band5	5	20525	25	#0	QPSK	25101.25	-24.62	-13	PASS
Band5	5	20525	25	#0	16QAM	25826.25	-24.24	-13	PASS
Band5	5	20625	25	#0	QPSK	25489.38	-24.13	-13	PASS
Band5	5	20625	25	#0	16QAM	25974.38	-23.89	-13	PASS
Band5	10	20450	50	#0	QPSK	25100.00	-24.12	-13	PASS
Band5	10	20450	50	#0	16QAM	25976.25	-24.02	-13	PASS
Band5	10	20525	50	#0	QPSK	25291.88	-24.14	-13	PASS
Band5	10	20525	50	#0	16QAM	25981.88	-23.97	-13	PASS
Band5	10	20600	50	#0	QPSK	25842.50	-23.92	-13	PASS
Band5	10	20600	50	#0	16QAM	25075.00	-24.64	-13	PASS

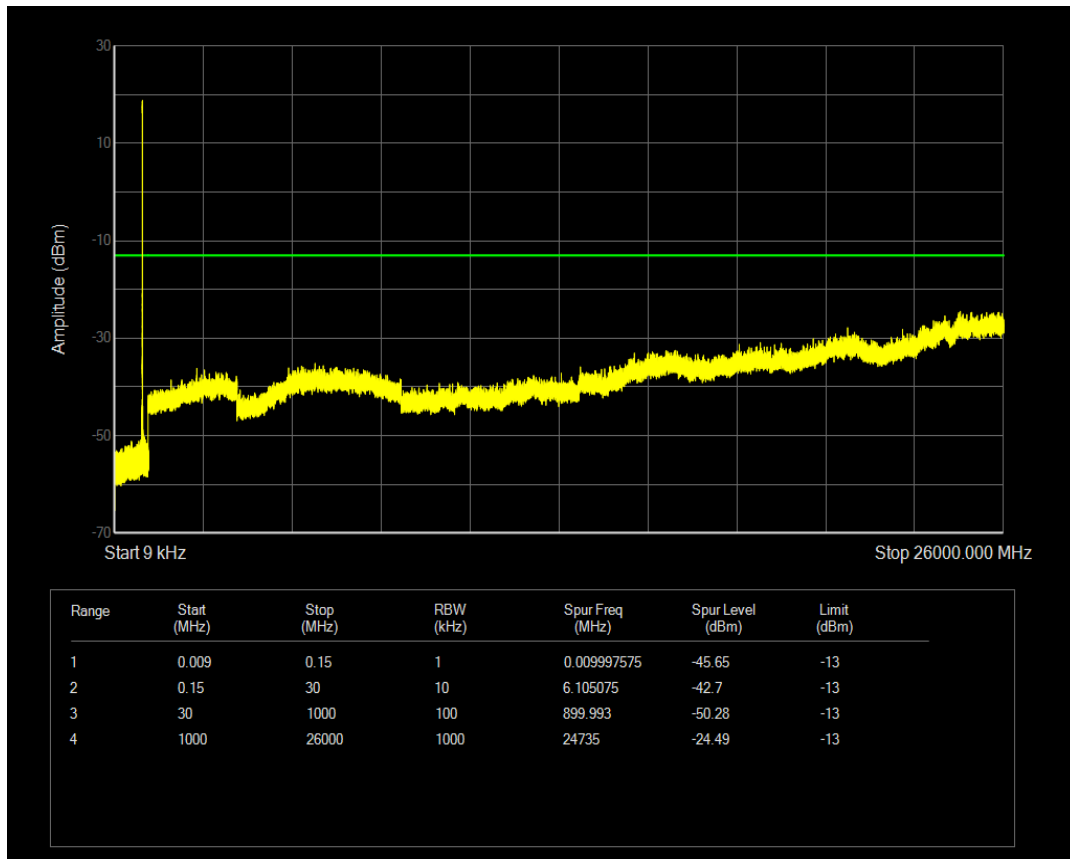
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



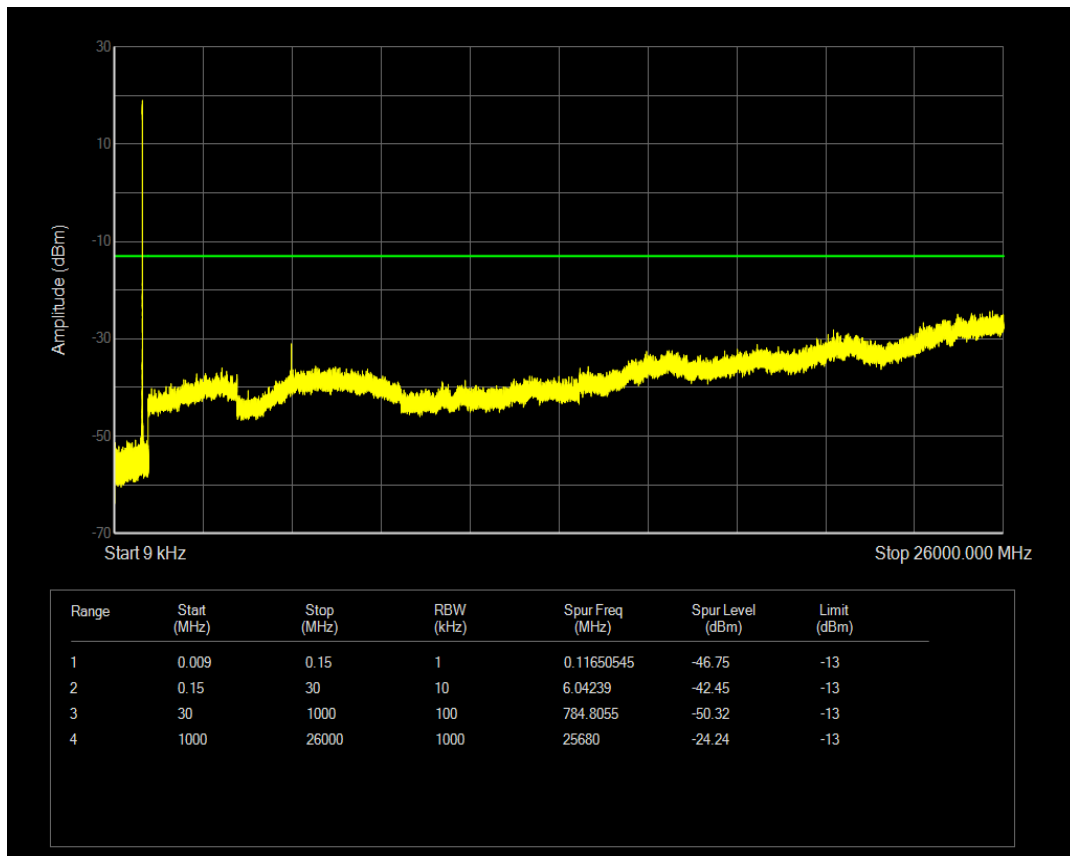
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



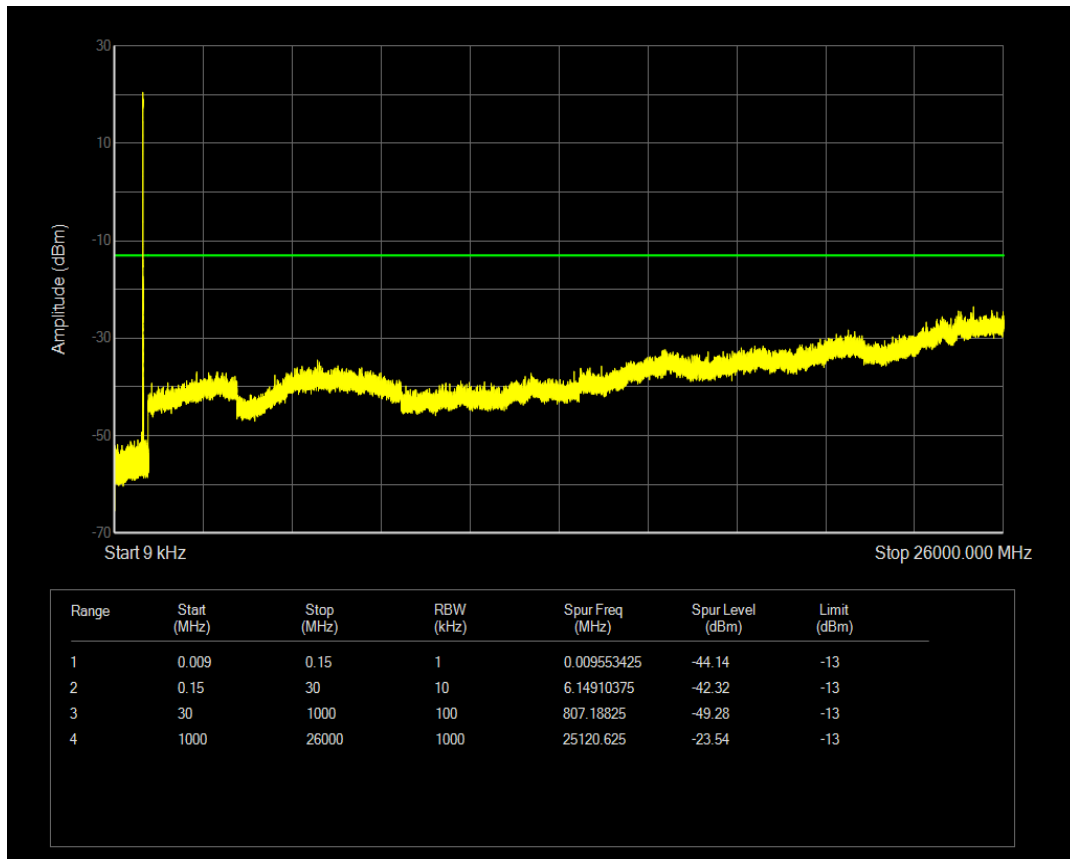
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



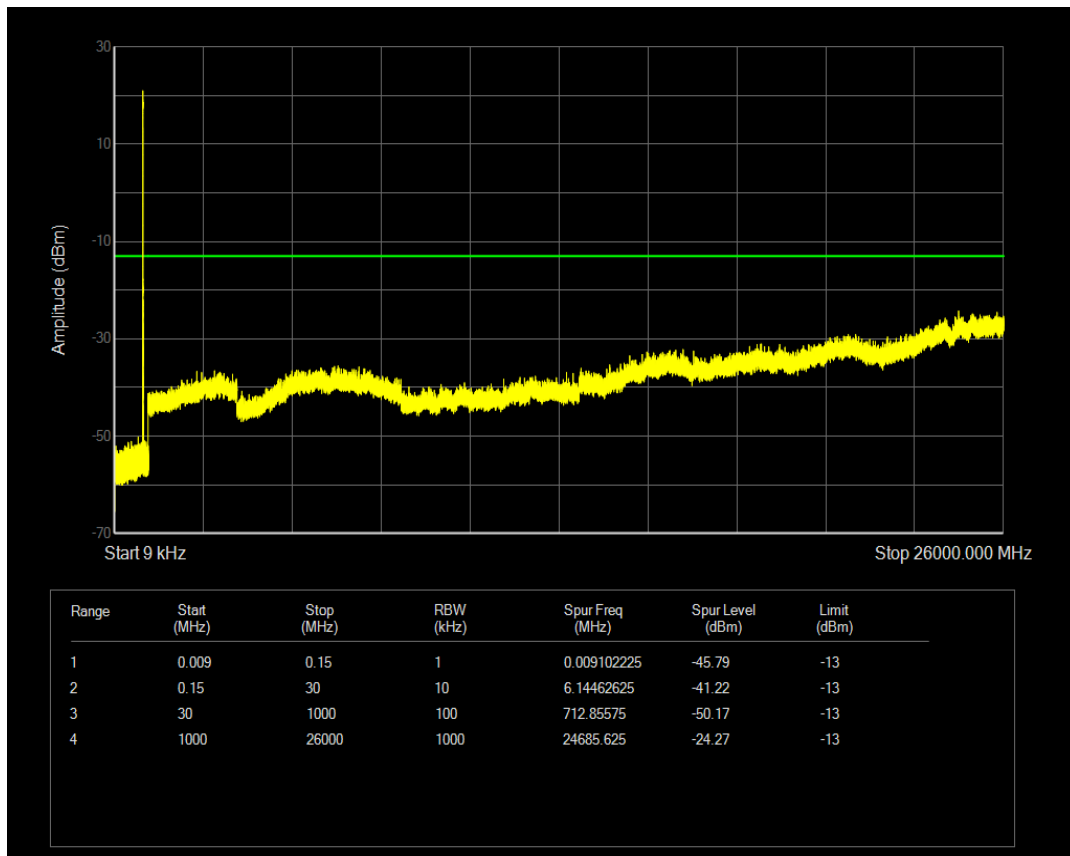
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



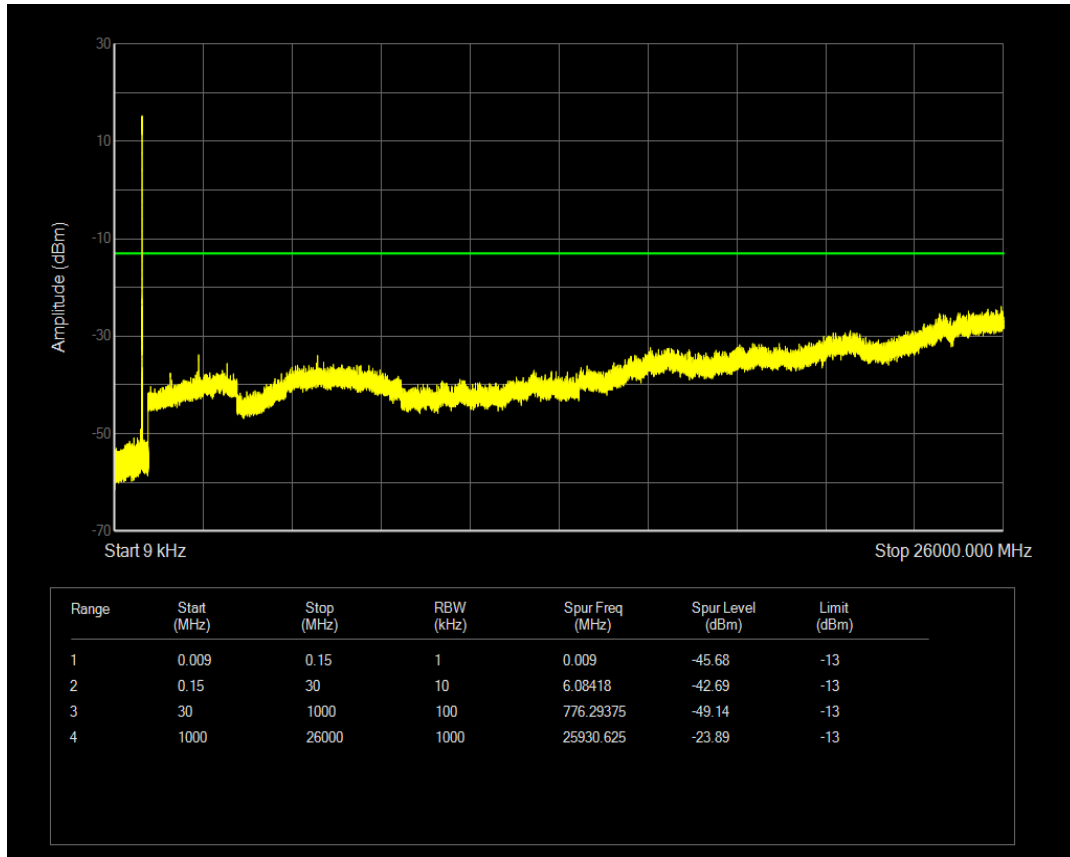
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



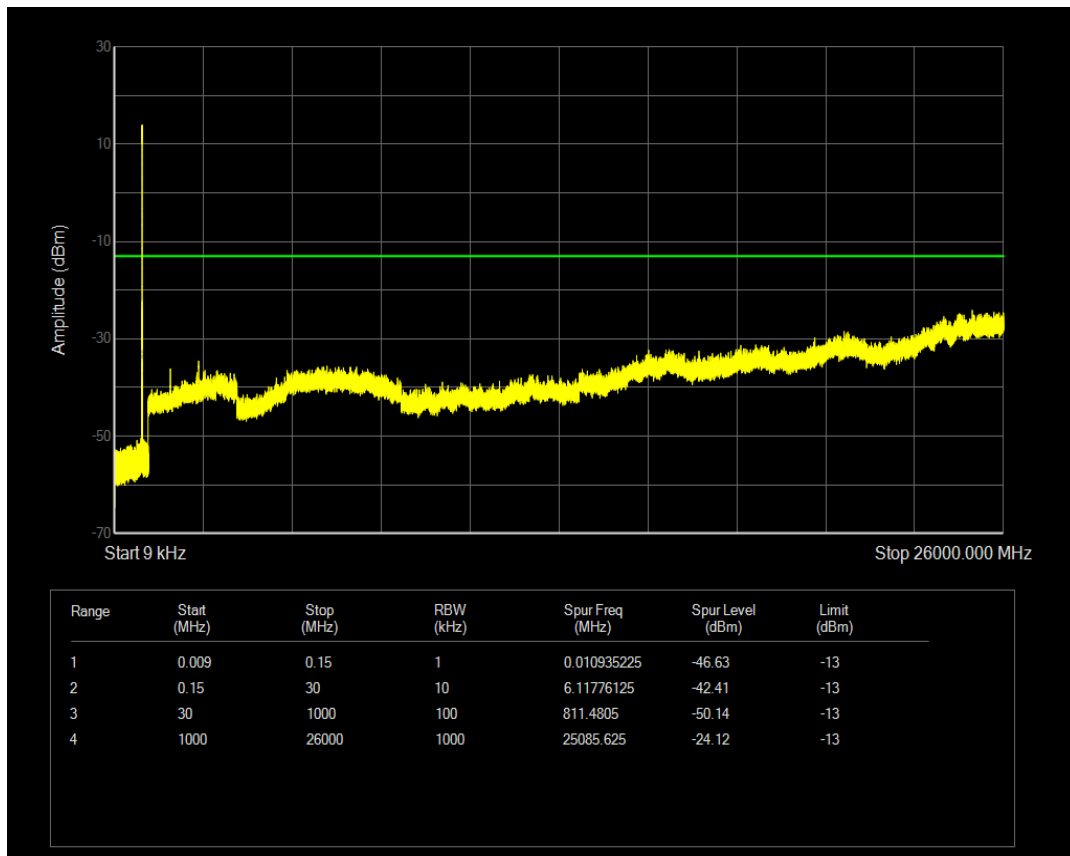
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



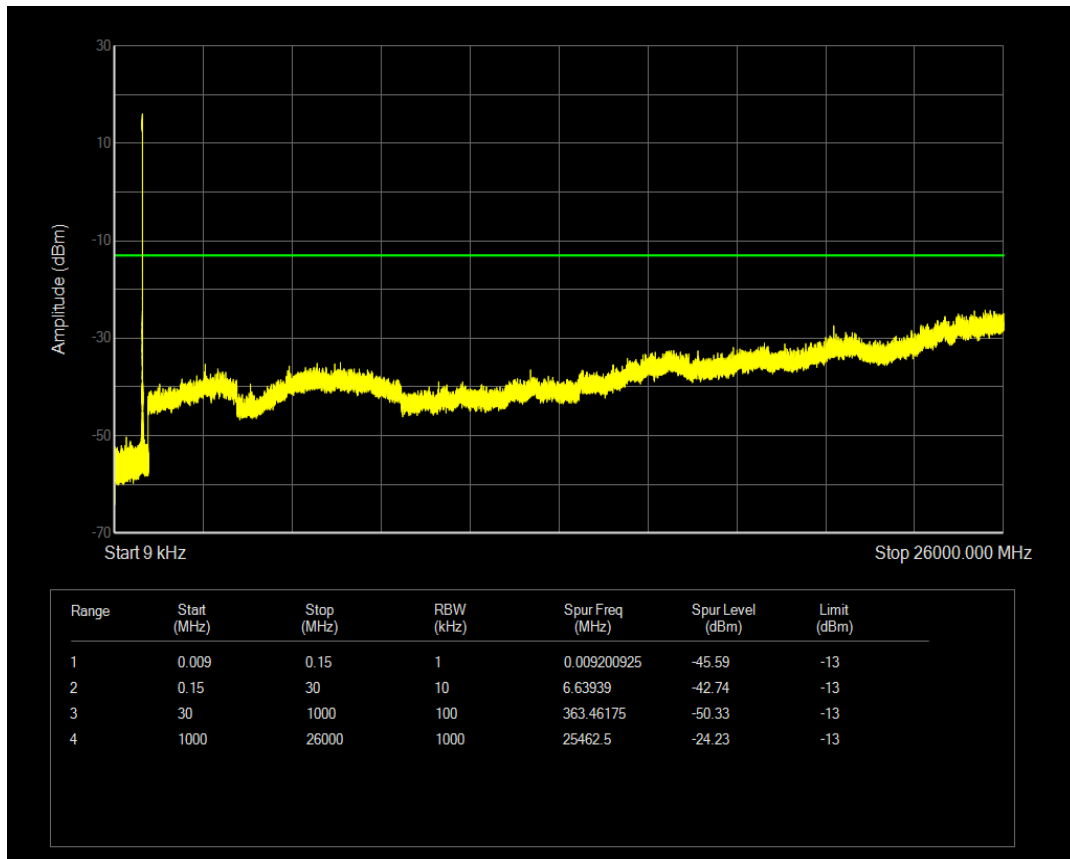
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



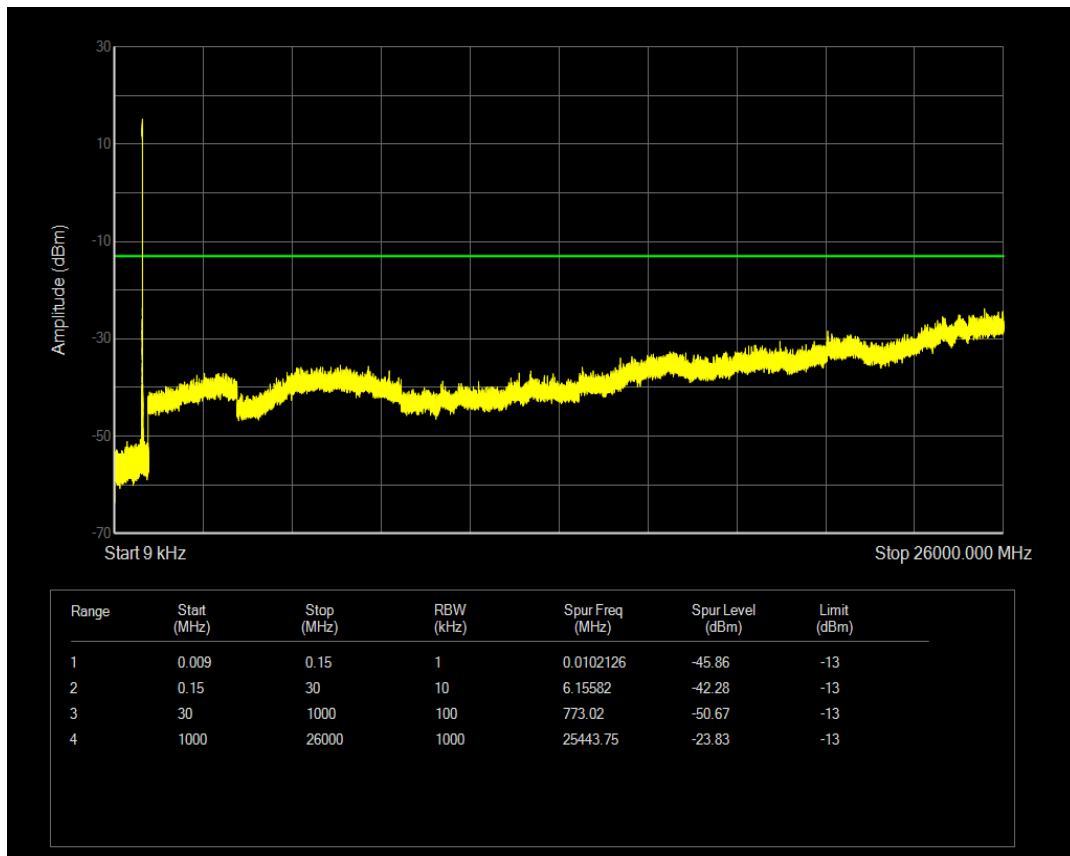
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



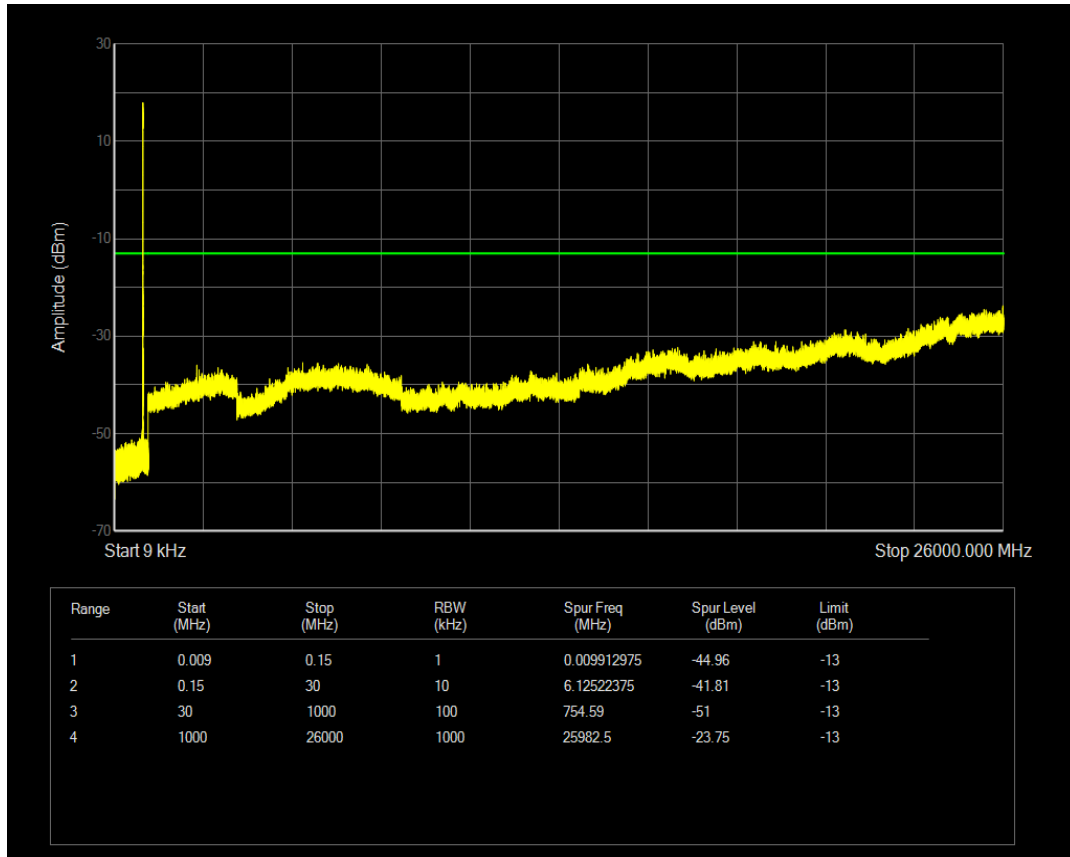
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



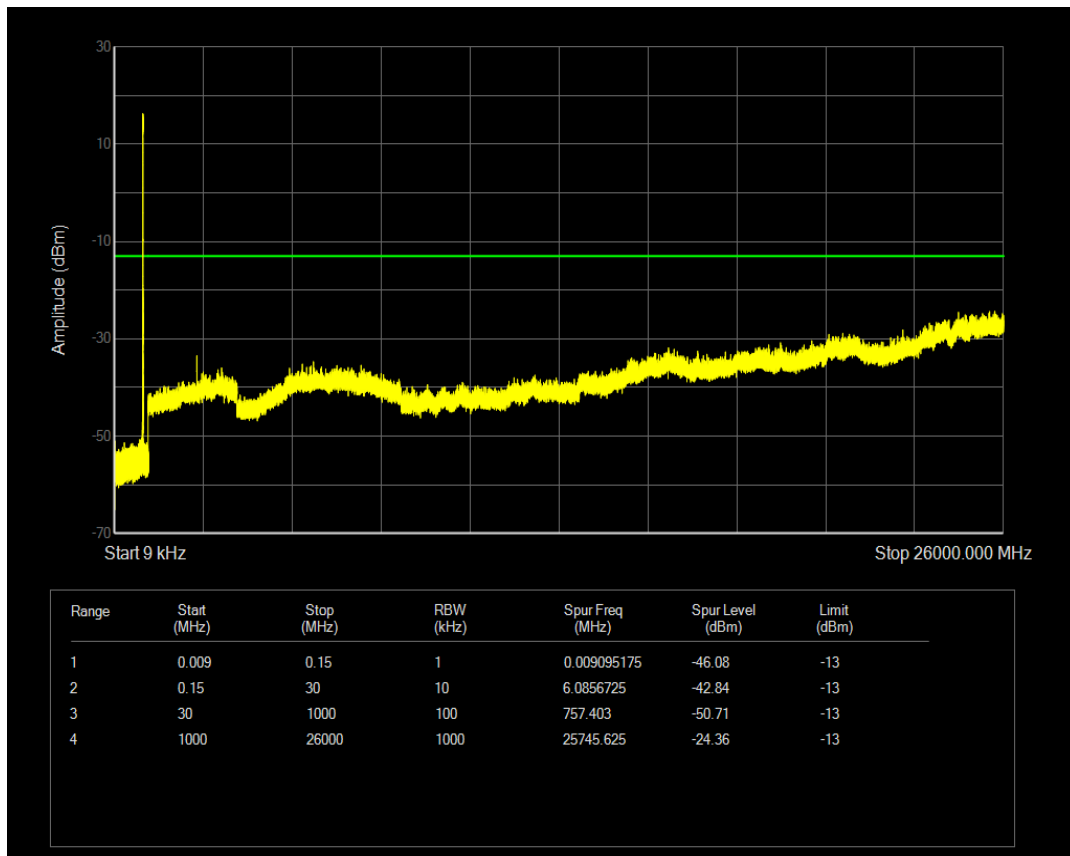
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



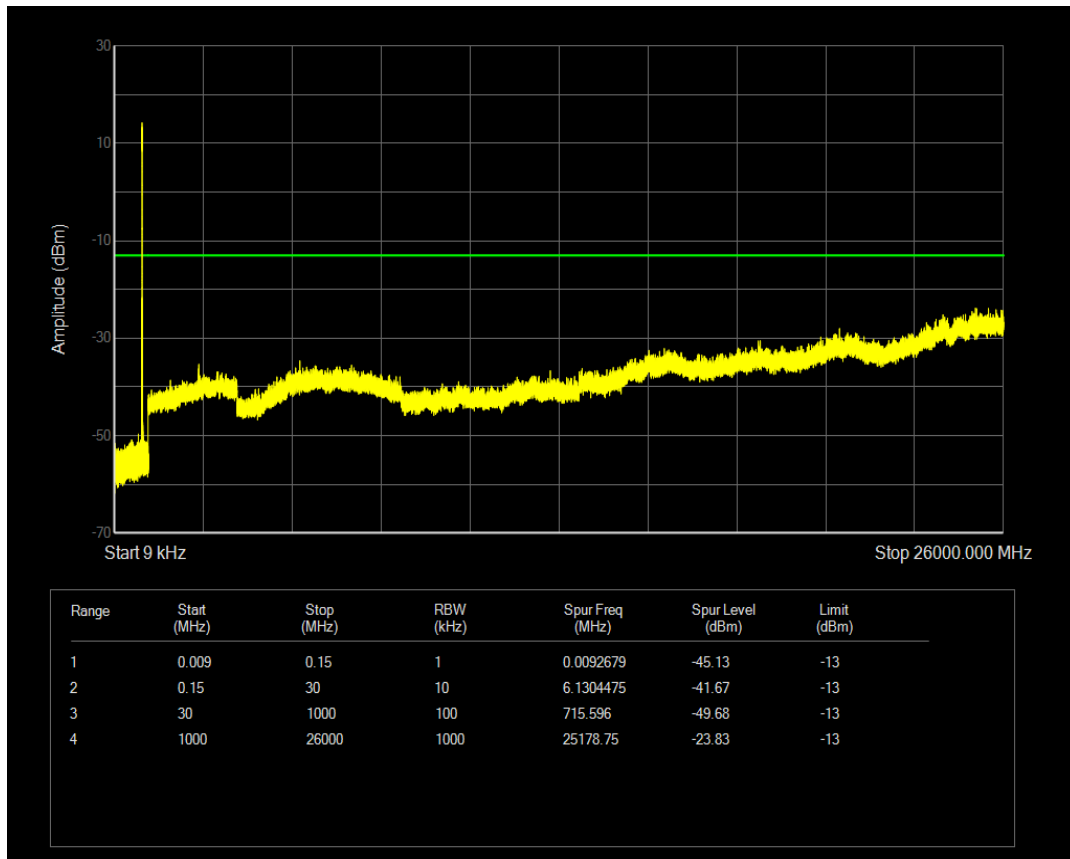
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



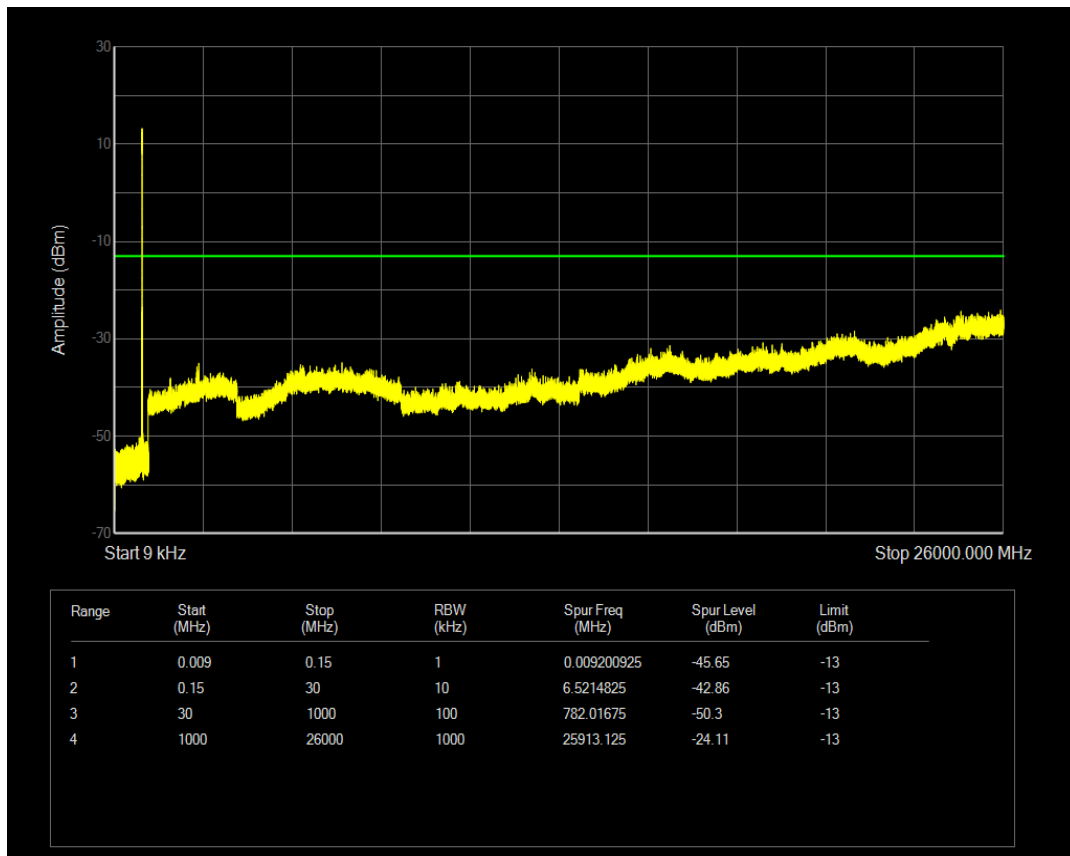
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



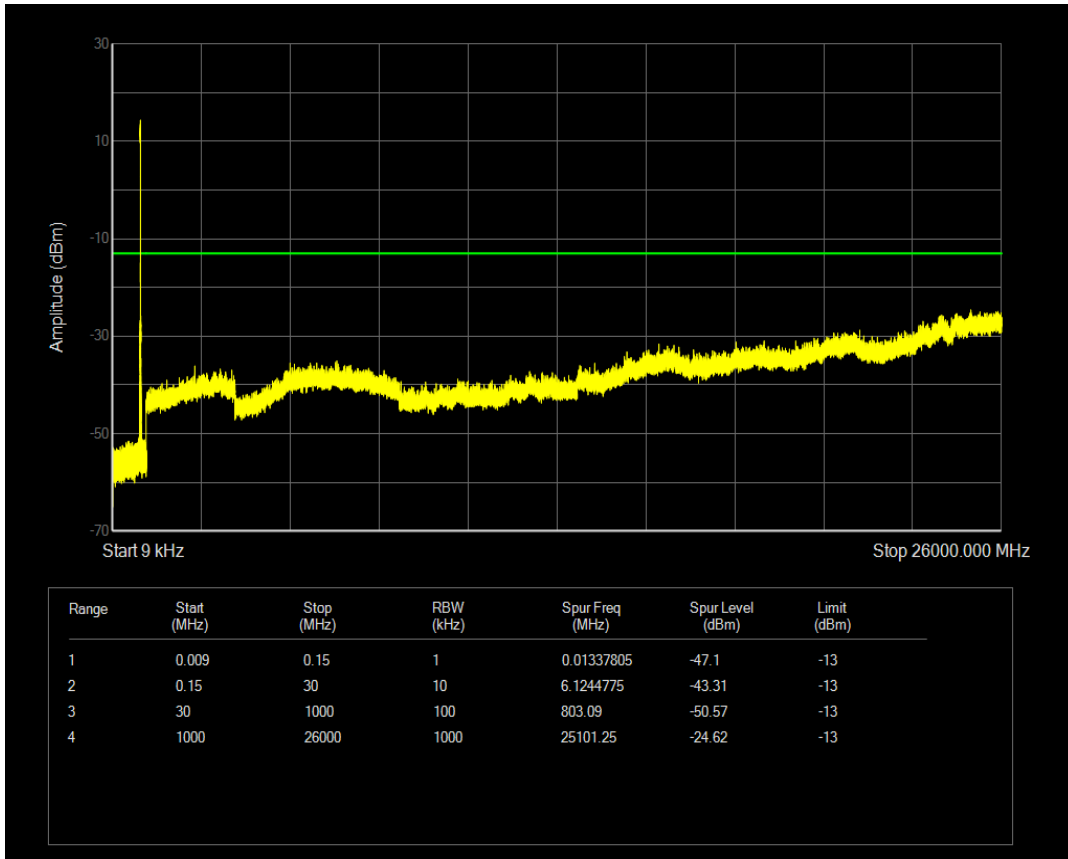
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



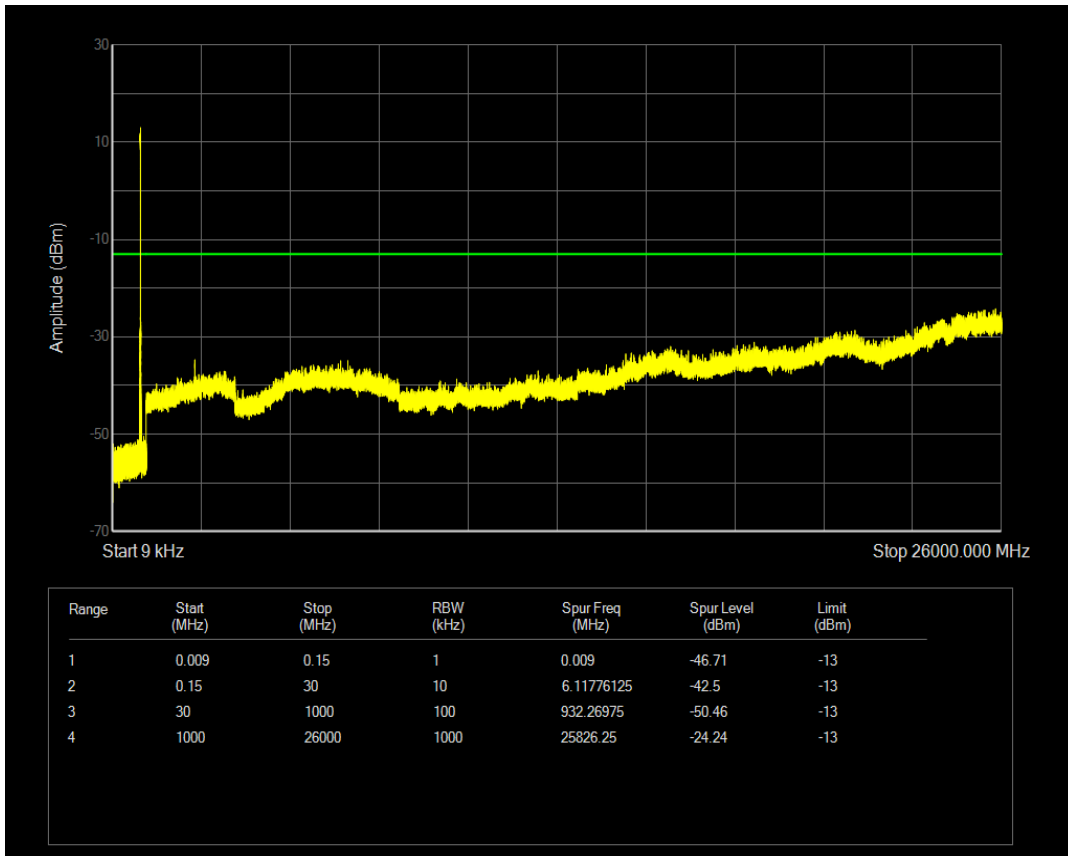
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



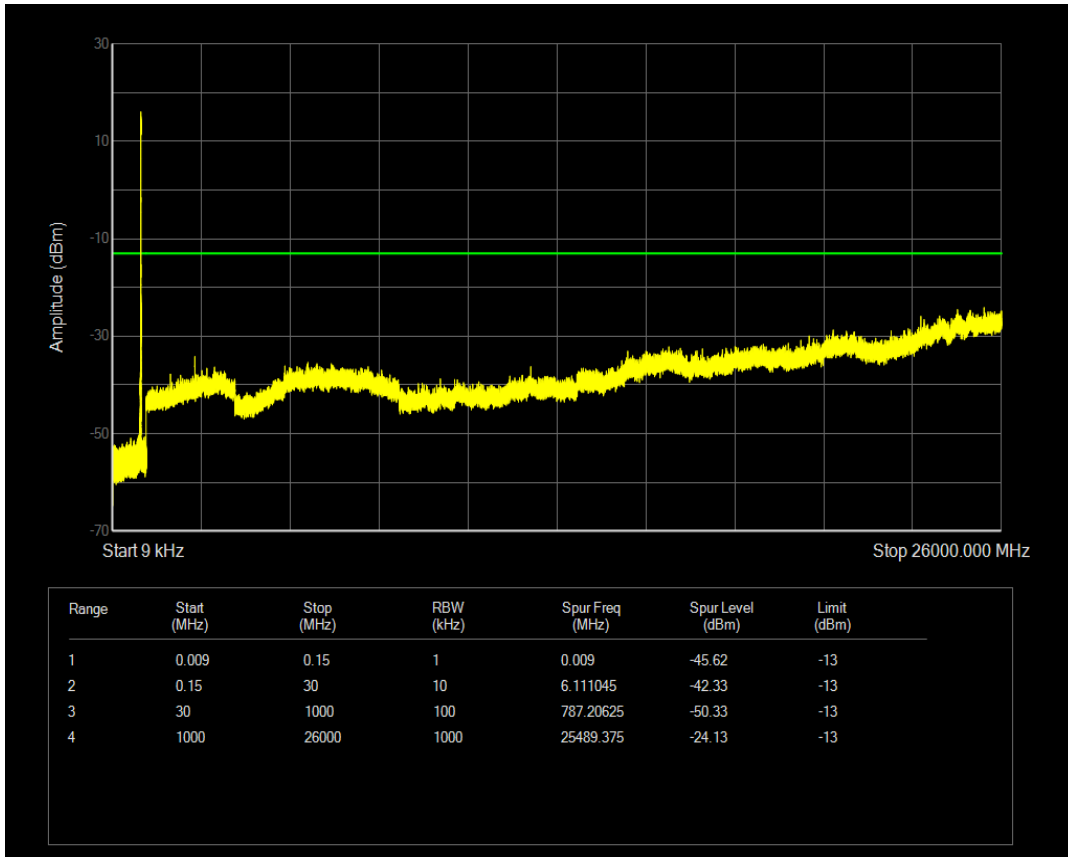
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



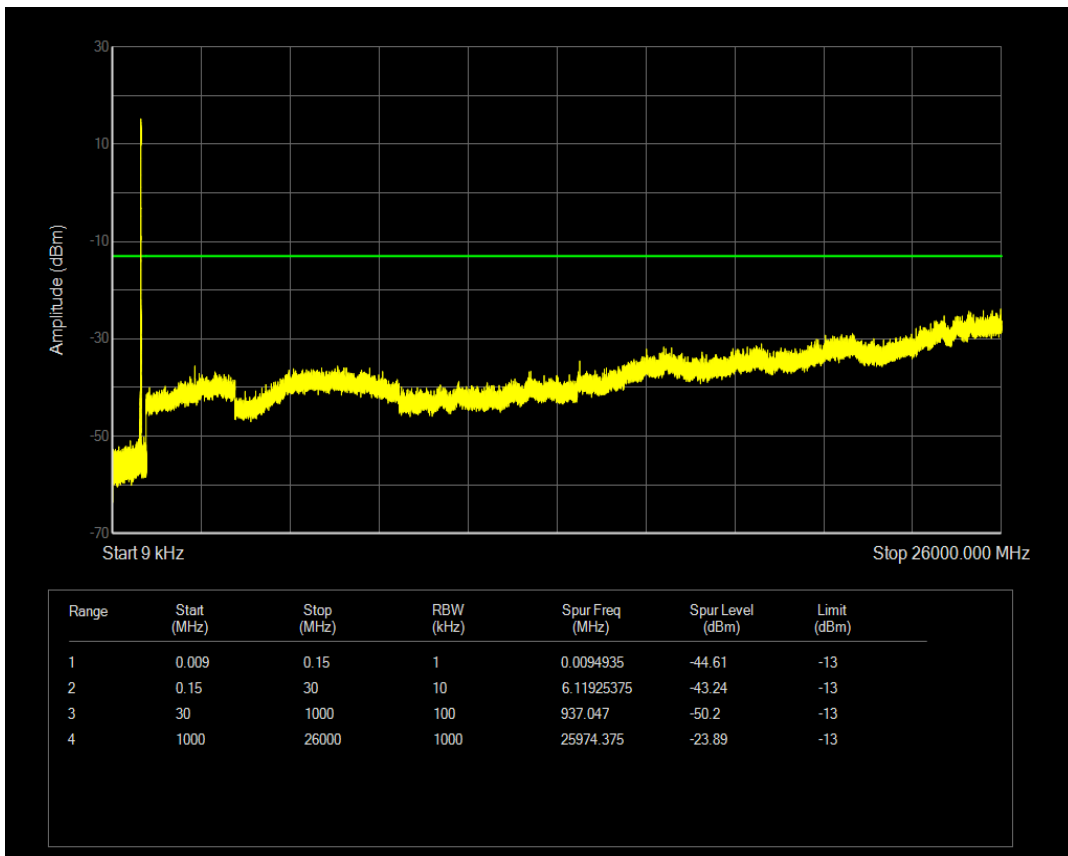
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



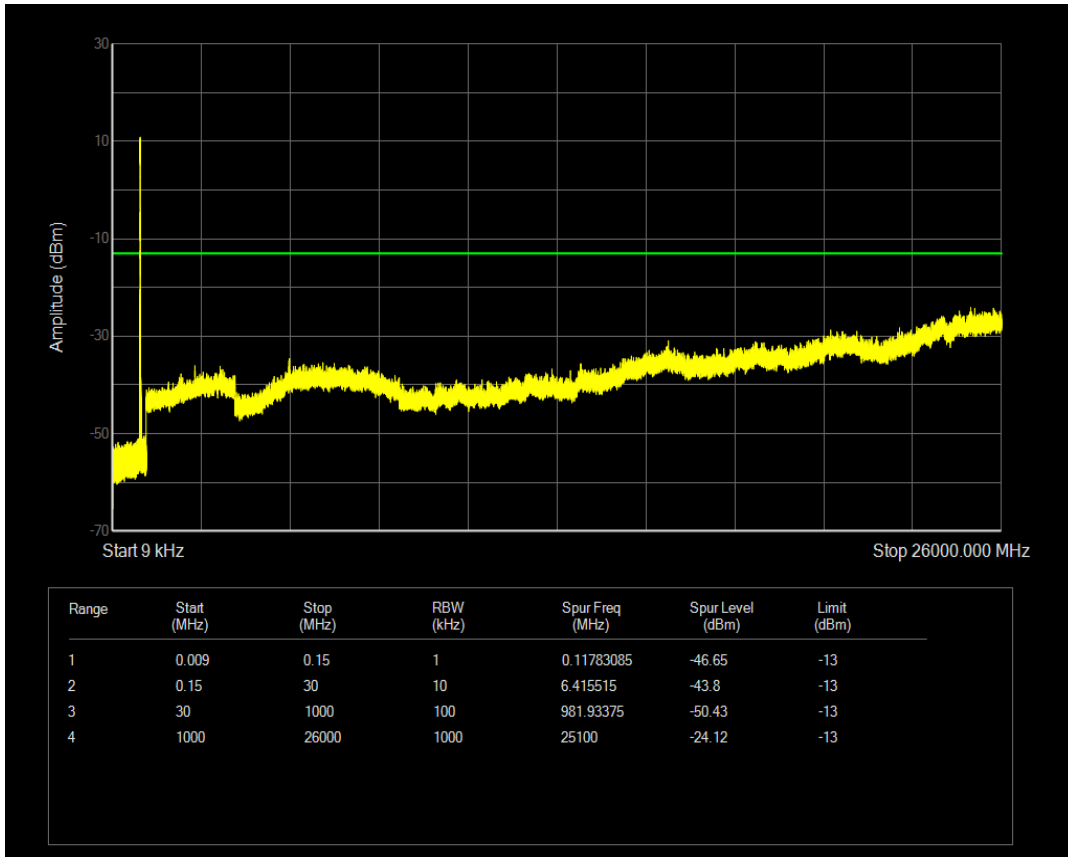
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



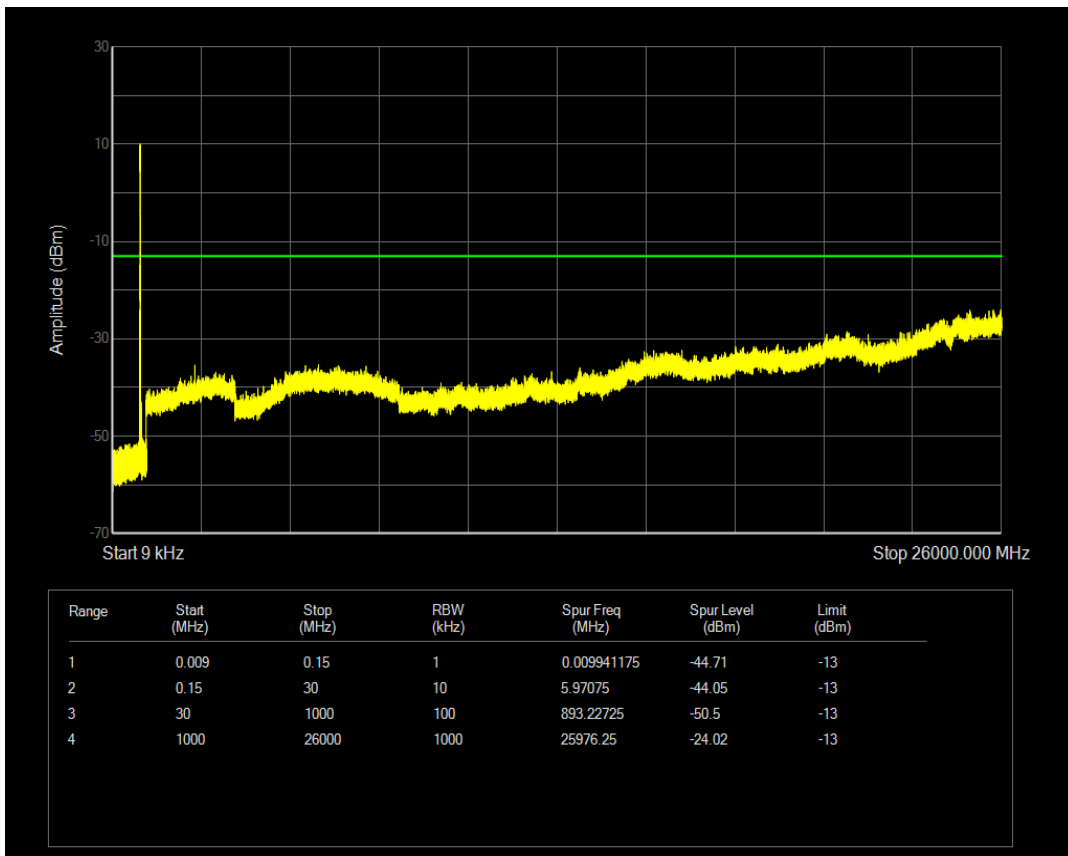
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



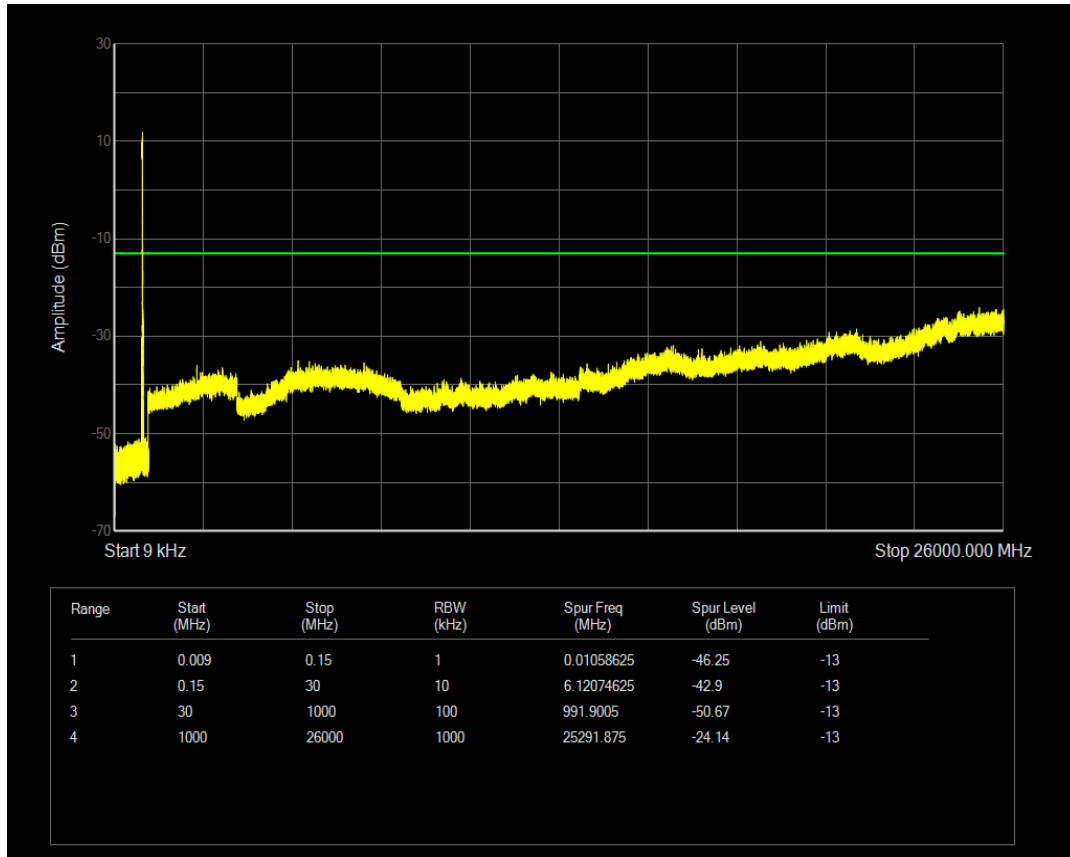
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



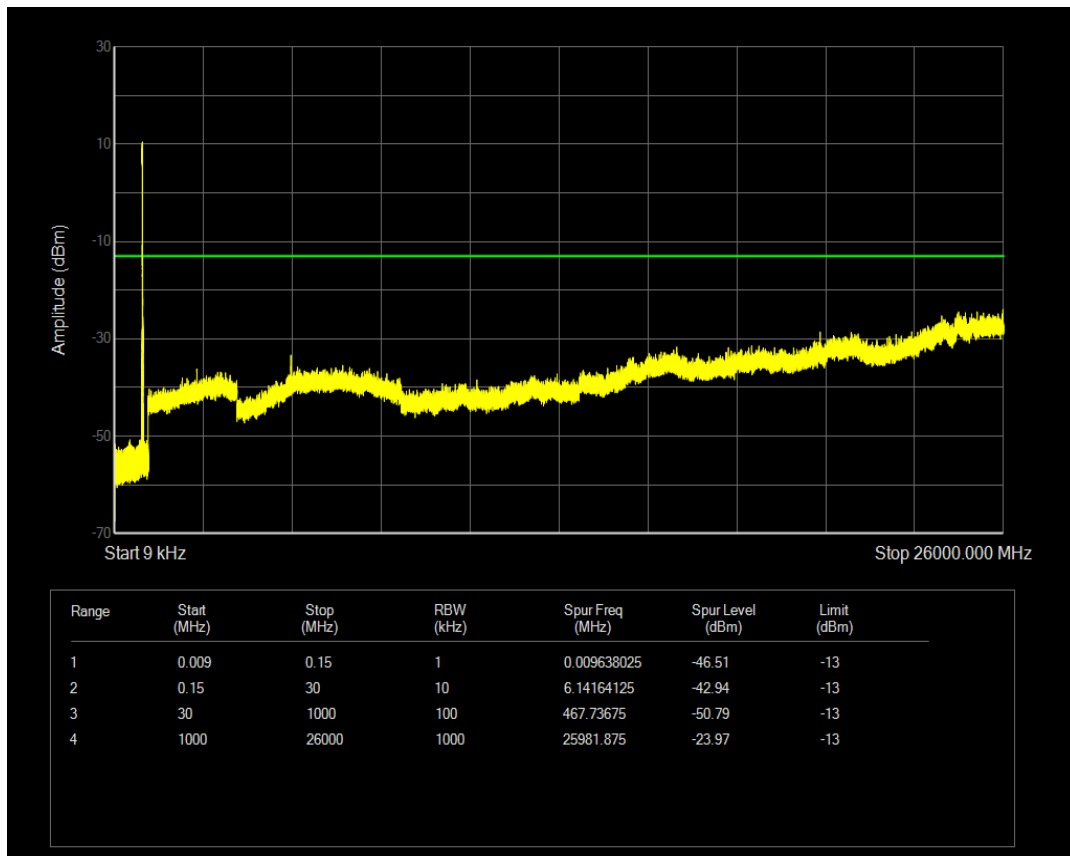
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



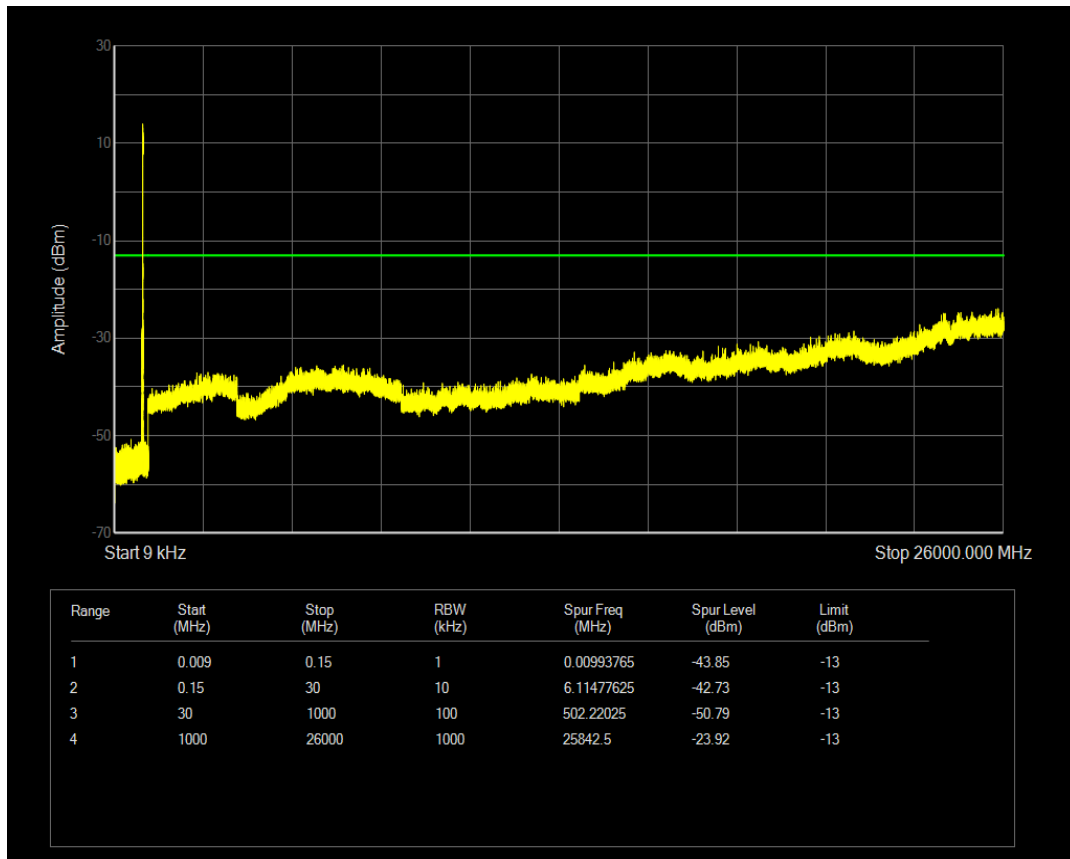
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



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

