Appendix for Band 5

Report No.:	BCTC2501387884-6E
Applicant:	SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
Product Name:	Smart Phone
Test Model:	C60
Tested Date:	2025-01-03 to 2025-02-25

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	24.68	-3.75	18.78	PASS
Band5	1.4	20407	1	#Mid	QPSK	24.74	-3.75	18.84	PASS
Band5	1.4	20407	1	#Max	QPSK	24.73	-3.75	18.83	PASS
Band5	1.4	20407	3	#0	QPSK	24.60	-3.75	18.70	PASS
Band5	1.4	20407	3	#Mid	QPSK	24.64	-3.75	18.74	PASS
Band5	1.4	20407	3	#Max	QPSK	24.58	-3.75	18.68	PASS
Band5	1.4	20407	6	#0	QPSK	23.66	-3.75	17.76	PASS
Band5	1.4	20407	1	#0	16QAM	24.67	-3.75	18.77	PASS
Band5	1.4	20407	1	#Mid	16QAM	24.69	-3.75	18.79	PASS
Band5	1.4	20407	1	#Max	16QAM	24.67	-3.75	18.77	PASS
Band5	1.4	20407	3	#0	16QAM	23.83	-3.75	17.93	PASS
Band5	1.4	20407	3	#Mid	16QAM	23.89	-3.75	17.99	PASS
Band5	1.4	20407	3	#Max	16QAM	23.88	-3.75	17.98	PASS
Band5	1.4	20407	6	#0	16QAM	23.28	-3.75	17.38	PASS
Band5	1.4	20525	1	#0	QPSK	24.69	-3.75	18.79	PASS
Band5	1.4	20525	1	#Mid	QPSK	24.68	-3.75	18.78	PASS
Band5	1.4	20525	1	#Max	QPSK	24.66	-3.75	18.76	PASS
Band5	1.4	20525	3	#0	QPSK	24.53	-3.75	18.63	PASS
Band5	1.4	20525	3	#Mid	QPSK	24.55	-3.75	18.65	PASS
Band5	1.4	20525	3	#Max	QPSK	24.55	-3.75	18.65	PASS
Band5	1.4	20525	6	#0	QPSK	23.49	-3.75	17.59	PASS
Band5	1.4	20525	1	#0	16QAM	23.70	-3.75	17.80	PASS
Band5	1.4	20525	1	#Mid	16QAM	23.59	-3.75	17.69	PASS
Band5	1.4	20525	1	#Max	16QAM	23.65	-3.75	17.75	PASS
Band5	1.4	20525	3	#0	16QAM	23.63	-3.75	17.73	PASS
Band5	1.4	20525	3	#Mid	16QAM	23.67	-3.75	17.77	PASS
Band5	1.4	20525	3	#Max	16QAM	23.68	-3.75	17.78	PASS
Band5	1.4	20525	6	#0	16QAM	23.24	-3.75	17.34	PASS
Band5	1.4	20643	1	#0	QPSK	24.39	-3.75	18.49	PASS
Band5	1.4	20643	1	#Mid	QPSK	24.34	-3.75	18.44	PASS
Band5	1.4	20643	1	#Max	QPSK	24.32	-3.75	18.42	PASS
Band5	1.4	20643	3	#0	QPSK	24.23	-3.75	18.33	PASS
Band5	1.4	20643	3	#Mid	QPSK	24.31	-3.75	18.41	PASS
Band5	1.4	20643	3	#Max	QPSK	24.21	-3.75	18.31	PASS
Band5	1.4	20643	6	#0	QPSK	23.31	-3.75	17.41	PASS
Band5	1.4	20643	1	#0	16QAM	23.30	-3.75	17.40	PASS

Band5	1.4	20643	1	#Mid	16QAM	23.36	-3.75	17.46	PASS
Band5	1.4	20643	1	#Max	16QAM	23.36	-3.75	17.46	PASS
Band5	1.4	20643	3	#0	16QAM	23.23	-3.75	17.33	PASS
Band5	1.4	20643	3	#Mid	16QAM	23.23	-3.75	17.33	PASS
Band5	1.4	20643	3	#Max	16QAM	23.26	-3.75	17.36	PASS
Band5	1.4	20643	6	#0	16QAM	22.37	-3.75	16.47	PASS
Band5	3	20415	1	#0	QPSK	24.61	-3.75	18.71	PASS
Band5	3	20415	1	#Mid	QPSK	24.56	-3.75	18.66	PASS
Band5	3	20415	1	#Max	QPSK	24.63	-3.75	18.73	PASS
Band5	3	20415	8	#0	QPSK	23.54	-3.75	17.64	PASS
Band5	3	20415	8	#Mid	QPSK	23.57	-3.75	17.67	PASS
Band5	3	20415	8	#Max	QPSK	23.74	-3.75	17.84	PASS
Band5	3	20415	15	#0	QPSK	23.54	-3.75	17.64	PASS
Band5	3	20415	1	#0	16QAM	24.58	-3.75	18.68	PASS
Band5	3	20415	1	#Mid	16QAM	24.56	-3.75	18.66	PASS
Band5	3	20415	1	#Max	16QAM	24.70	-3.75	18.80	PASS
Band5	3	20415	8	#0	16QAM	22.93	-3.75	17.03	PASS
Band5	3	20415	8	#Mid	16QAM	22.91	-3.75	17.01	PASS
Band5	3	20415	8	#Max	16QAM	22.57	-3.75	16.67	PASS
Band5	3	20415	15	#0	16QAM	23.14	-3.75	17.24	PASS
Band5	3	20525	1	#0	QPSK	24.67	-3.75	18.77	PASS
Band5	3	20525	1	#Mid	QPSK	24.73	-3.75	18.83	PASS
Band5	3	20525	1	#Max	QPSK	24.64	-3.75	18.74	PASS
Band5	3	20525	8	#0	QPSK	23.52	-3.75	17.62	PASS
Band5	3	20525	8	#Mid	QPSK	23.64	-3.75	17.74	PASS
Band5	3	20525	8	#Max	QPSK	23.55	-3.75	17.65	PASS
Band5	3	20525	15	#0	QPSK	23.56	-3.75	17.66	PASS
Band5	3	20525	1	#0	16QAM	23.69	-3.75	17.79	PASS
Band5	3	20525	1	#Mid	16QAM	23.62	-3.75	17.72	PASS
Band5	3	20525	1	#Max	16QAM	23.60	-3.75	17.70	PASS
Band5	3	20525	8	#0	16QAM	22.53	-3.75	16.63	PASS
Band5	3	20525	8	#Mid	16QAM	23.03	-3.75	17.13	PASS
Band5	3	20525	8	#Max	16QAM	22.98	-3.75	17.08	PASS
Band5	3	20525	15	#0	16QAM	22.91	-3.75	17.01	PASS
Band5	3	20635	1	#0	QPSK	24.39	-3.75	18.49	PASS
Band5	3	20635	1	#Mid	QPSK	24.31	-3.75	18.41	PASS
Band5	3	20635	1	#Max	QPSK	24.30	-3.75	18.40	PASS
Band5	3	20635	8	#0	QPSK	23.36	-3.75	17.46	PASS
Band5	3	20635	8	#Mid	QPSK	23.32	-3.75	17.42	PASS
Band5	3	20635	8	#Max	QPSK	23.23	-3.75	17.33	PASS
Band5	3	20635	15	#0	QPSK	23.37	-3.75	17.47	PASS
Band5	3	20635	1	#0	16QAM	23.41	-3.75	17.51	PASS
Band5	3	20635	1	#Mid	16QAM	23.37	-3.75	17.47	PASS

Band5	3	20635	1	#Max	16QAM	23.33	-3.75	17.43	PASS
Band5	3	20635	8	#0	16QAM	22.31	-3.75	16.41	PASS
Band5	3	20635	8	#Mid	16QAM	22.33	-3.75	16.43	PASS
Band5	3	20635	8	#Max	16QAM	22.28	-3.75	16.38	PASS
Band5	3	20635	15	#0	16QAM	22.38	-3.75	16.48	PASS
Band5	5	20425	1	#0	QPSK	24.59	-3.75	18.69	PASS
Band5	5	20425	1	#Mid	QPSK	23.74	-3.75	17.84	PASS
Band5	5	20425	1	#Max	QPSK	23.80	-3.75	17.90	PASS
Band5	5	20425	12	#0	QPSK	23.67	-3.75	17.77	PASS
Band5	5	20425	12	#Mid	QPSK	23.72	-3.75	17.82	PASS
Band5	5	20425	12	#Max	QPSK	23.78	-3.75	17.88	PASS
Band5	5	20425	25	#0	QPSK	23.65	-3.75	17.75	PASS
Band5	5	20425	1	#0	16QAM	23.74	-3.75	17.84	PASS
Band5	5	20425	1	#Mid	16QAM	23.80	-3.75	17.90	PASS
Band5	5	20425	1	#Max	16QAM	23.77	-3.75	17.87	PASS
Band5	5	20425	12	#0	16QAM	22.98	-3.75	17.08	PASS
Band5	5	20425	12	#Mid	16QAM	22.67	-3.75	16.77	PASS
Band5	5	20425	12	#Max	16QAM	22.73	-3.75	16.83	PASS
Band5	5	20425	25	#0	16QAM	22.84	-3.75	16.94	PASS
Band5	5	20525	1	#0	QPSK	23.74	-3.75	17.84	PASS
Band5	5	20525	1	#Mid	QPSK	23.80	-3.75	17.90	PASS
Band5	5	20525	1	#Max	QPSK	23.74	-3.75	17.84	PASS
Band5	5	20525	12	#0	QPSK	23.55	-3.75	17.65	PASS
Band5	5	20525	12	#Mid	QPSK	23.47	-3.75	17.57	PASS
Band5	5	20525	12	#Max	QPSK	23.60	-3.75	17.70	PASS
Band5	5	20525	25	#0	QPSK	23.47	-3.75	17.57	PASS
Band5	5	20525	1	#0	16QAM	23.66	-3.75	17.76	PASS
Band5	5	20525	1	#Mid	16QAM	23.57	-3.75	17.67	PASS
Band5	5	20525	1	#Max	16QAM	23.64	-3.75	17.74	PASS
Band5	5	20525	12	#0	16QAM	22.45	-3.75	16.55	PASS
Band5	5	20525	12	#Mid	16QAM	22.86	-3.75	16.96	PASS
Band5	5	20525	12	#Max	16QAM	22.85	-3.75	16.95	PASS
Band5	5	20525	25	#0	16QAM	23.04	-3.75	17.14	PASS
Band5	5	20625	1	#0	QPSK	24.16	-3.75	18.26	PASS
Band5	5	20625	1	#Mid	QPSK	23.74	-3.75	17.84	PASS
Band5	5	20625	1	#Max	QPSK	23.80	-3.75	17.90	PASS
Band5	5	20625	12	#0	QPSK	23.37	-3.75	17.47	PASS
Band5	5	20625	12	#Mid	QPSK	23.34	-3.75	17.44	PASS
Band5	5	20625	12	#Max	QPSK	23.32	-3.75	17.42	PASS
Band5	5	20625	25	#0	QPSK	23.38	-3.75	17.48	PASS
Band5	5	20625	1	#0	16QAM	23.74	-3.75	17.84	PASS
Band5	5	20625	1	#Mid	16QAM	23.80	-3.75	17.90	PASS
Band5	5	20625	1	#Max	16QAM	23.74	-3.75	17.84	PASS

Band5	5	20625	12	#0	16QAM	22.74	-3.75	16.84	PASS
Band5	5	20625	12	#Mid	16QAM	22.37	-3.75	16.47	PASS
Band5	5	20625	12	#Max	16QAM	22.23	-3.75	16.33	PASS
Band5	5	20625	25	#0	16QAM	22.56	-3.75	16.66	PASS
Band5	10	20450	1	#0	QPSK	23.74	-3.75	17.84	PASS
Band5	10	20450	1	#Mid	QPSK	23.80	-3.75	17.90	PASS
Band5	10	20450	1	#Max	QPSK	23.60	-3.75	17.70	PASS
Band5	10	20450	25	#0	QPSK	23.74	-3.75	17.84	PASS
Band5	10	20450	25	#Mid	QPSK	23.57	-3.75	17.67	PASS
Band5	10	20450	25	#Max	QPSK	23.67	-3.75	17.77	PASS
Band5	10	20450	50	#0	QPSK	23.66	-3.75	17.76	PASS
Band5	10	20450	1	#0	16QAM	23.60	-3.75	17.70	PASS
Band5	10	20450	1	#Mid	16QAM	23.47	-3.75	17.57	PASS
Band5	10	20450	1	#Max	16QAM	24.59	-3.75	18.69	PASS
Band5	10	20450	25	#0	16QAM	22.73	-3.75	16.83	PASS
Band5	10	20450	25	#Mid	16QAM	23.15	-3.75	17.25	PASS
Band5	10	20450	25	#Max	16QAM	23.11	-3.75	17.21	PASS
Band5	10	20450	50	#0	16QAM	23.16	-3.75	17.26	PASS
Band5	10	20525	1	#0	QPSK	23.60	-3.75	17.70	PASS
Band5	10	20525	1	#Mid	QPSK	23.47	-3.75	17.57	PASS
Band5	10	20525	1	#Max	QPSK	24.44	-3.75	18.54	PASS
Band5	10	20525	25	#0	QPSK	23.62	-3.75	17.72	PASS
Band5	10	20525	25	#Mid	QPSK	23.51	-3.75	17.61	PASS
Band5	10	20525	25	#Max	QPSK	23.45	-3.75	17.55	PASS
Band5	10	20525	50	#0	QPSK	23.50	-3.75	17.60	PASS
Band5	10	20525	1	#0	16QAM	24.25	-3.75	18.35	PASS
Band5	10	20525	1	#Mid	16QAM	23.60	-3.75	17.70	PASS
Band5	10	20525	1	#Max	16QAM	23.47	-3.75	17.57	PASS
Band5	10	20525	25	#0	16QAM	22.64	-3.75	16.74	PASS
Band5	10	20525	25	#Mid	16QAM	23.09	-3.75	17.19	PASS
Band5	10	20525	25	#Max	16QAM	22.58	-3.75	16.68	PASS
Band5	10	20525	50	#0	16QAM	23.07	-3.75	17.17	PASS
Band5	10	20600	1	#0	QPSK	23.60	-3.75	17.70	PASS
Band5	10	20600	1	#Mid	QPSK	23.47	-3.75	17.57	PASS
Band5	10	20600	1	#Max	QPSK	24.21	-3.75	18.31	PASS
Band5	10	20600	25	#0	QPSK	23.61	-3.75	17.71	PASS
Band5	10	20600	25	#Mid	QPSK	23.83	-3.75	17.93	PASS
Band5	10	20600	25	#Max	QPSK	23.34	-3.75	17.44	PASS
Band5	10	20600	50	#0	QPSK	23.79	-3.75	17.89	PASS
Band5	10	20600	1	#0	16QAM	23.60	-3.75	17.70	PASS
Band5	10	20600	1	#Mid	16QAM	24.02	-3.75	18.12	PASS
Band5	10	20600	1	#Max	16QAM	23.55	-3.75	17.65	PASS
Band5	10	20600	25	#0	16QAM	22.53	-3.75	16.63	PASS

Band5	10	20600	25	#Mid	16QAM	22.89	-3.75	16.99	PASS
Band5	10	20600	25	#Max	16QAM	22.42	-3.75	16.52	PASS
Band5	10	20600	50	#0	16QAM	22.80	-3.75	16.90	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	1.59	0.002	PASS
Band5	1.4	20407	6	#0	QPSK	NV	NT	-9.60	-0.012	PASS
Band5	1.4	20407	6	#0	QPSK	HV	NT	-18.64	-0.023	PASS
Band5	1.4	20407	6	#0	16QAM	LV	NT	-27.11	-0.033	PASS
Band5	1.4	20407	6	#0	16QAM	NV	NT	-32.19	-0.039	PASS
Band5	1.4	20407	6	#0	16QAM	HV	NT	-34.73	-0.042	PASS
Band5	1.4	20525	6	#0	QPSK	LV	NT	5.21	0.006	PASS
Band5	1.4	20525	6	#0	QPSK	NV	NT	9.04	0.011	PASS
Band5	1.4	20525	6	#0	QPSK	HV	NT	10.64	0.013	PASS
Band5	1.4	20525	6	#0	16QAM	LV	NT	12.00	0.014	PASS
Band5	1.4	20525	6	#0	16QAM	NV	NT	5.69	0.007	PASS
Band5	1.4	20525	6	#0	16QAM	HV	NT	-4.36	-0.005	PASS
Band5	1.4	20643	6	#0	QPSK	LV	NT	17.91	0.021	PASS
Band5	1.4	20643	6	#0	QPSK	NV	NT	16.04	0.019	PASS
Band5	1.4	20643	6	#0	QPSK	HV	NT	14.16	0.017	PASS
Band5	1.4	20643	6	#0	16QAM	LV	NT	10.66	0.013	PASS
Band5	1.4	20643	6	#0	16QAM	NV	NT	10.46	0.012	PASS
Band5	1.4	20643	6	#0	16QAM	HV	NT	10.27	0.012	PASS
Band5	3	20415	15	#0	QPSK	LV	NT	11.87	0.014	PASS
Band5	3	20415	15	#0	QPSK	NV	NT	-0.10	0.000	PASS
Band5	3	20415	15	#0	QPSK	HV	NT	-9.48	-0.011	PASS
Band5	3	20415	15	#0	16QAM	LV	NT	-19.48	-0.024	PASS
Band5	3	20415	15	#0	16QAM	NV	NT	-24.58	-0.030	PASS
Band5	3	20415	15	#0	16QAM	HV	NT	-26.52	-0.032	PASS
Band5	3	20525	15	#0	QPSK	LV	NT	-0.51	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	NT	1.89	0.002	PASS
Band5	3	20525	15	#0	QPSK	HV	NT	3.81	0.005	PASS
Band5	3	20525	15	#0	16QAM	LV	NT	4.55	0.005	PASS
Band5	3	20525	15	#0	16QAM	NV	NT	6.58	0.008	PASS
Band5	3	20525	15	#0	16QAM	HV	NT	8.27	0.010	PASS
Band5	3	20635	15	#0	QPSK	LV	NT	2.50	0.003	PASS
Band5	3	20635	15	#0	QPSK	NV	NT	1.00	0.001	PASS
Band5	3	20635	15	#0	QPSK	HV	NT	-2.53	-0.003	PASS
Band5	3	20635	15	#0	16QAM	LV	NT	-4.79	-0.006	PASS
Band5	3	20635	15	#0	16QAM	NV	NT	-5.64	-0.007	PASS
Band5	3	20635	15	#0	16QAM	HV	NT	-4.79	-0.006	PASS
Band5	5	20425	25	#0	QPSK	LV	NT	-10.69	-0.013	PASS
Band5	5	20425	25	#0	QPSK	NV	NT	-22.73	-0.028	PASS

Band5	5	20425	25	#0	QPSK	HV	NT	-32.00	-0.039	PASS
Band5	5	20425	25	#0	16QAM	LV	NT	-38.35	-0.046	PASS
Band5	5	20425	25	#0	16QAM	NV	NT	-42.27	-0.051	PASS
Band5	5	20425	25	#0	16QAM	HV	NT	-43.80	-0.053	PASS
Band5	5	20525	25	#0	QPSK	LV	NT	1.37	0.002	PASS
Band5	5	20525	25	#0	QPSK	NV	NT	2.70	0.003	PASS
Band5	5	20525	25	#0	QPSK	HV	NT	2.42	0.003	PASS
Band5	5	20525	25	#0	16QAM	LV	NT	2.83	0.003	PASS
Band5	5	20525	25	#0	16QAM	NV	NT	3.60	0.004	PASS
Band5	5	20525	25	#0	16QAM	HV	NT	6.34	0.008	PASS
Band5	5	20625	25	#0	QPSK	LV	NT	8.48	0.010	PASS
Band5	5	20625	25	#0	QPSK	NV	NT	8.04	0.009	PASS
Band5	5	20625	25	#0	QPSK	HV	NT	5.54	0.007	PASS
Band5	5	20625	25	#0	16QAM	LV	NT	4.09	0.005	PASS
Band5	5	20625	25	#0	16QAM	NV	NT	4.42	0.005	PASS
Band5	5	20625	25	#0	16QAM	HV	NT	5.66	0.007	PASS
Band5	10	20450	50	#0	QPSK	LV	NT	-7.31	-0.009	PASS
Band5	10	20450	50	#0	QPSK	NV	NT	-17.01	-0.021	PASS
Band5	10	20450	50	#0	QPSK	HV	NT	-26.56	-0.032	PASS
Band5	10	20450	50	#0	16QAM	LV	NT	-33.07	-0.040	PASS
Band5	10	20450	50	#0	16QAM	NV	NT	-36.25	-0.044	PASS
Band5	10	20450	50	#0	16QAM	HV	NT	-38.18	-0.046	PASS
Band5	10	20525	50	#0	QPSK	LV	NT	-16.82	-0.020	PASS
Band5	10	20525	50	#0	QPSK	NV	NT	-27.21	-0.033	PASS
Band5	10	20525	50	#0	QPSK	HV	NT	-19.50	-0.023	PASS
Band5	10	20525	50	#0	16QAM	LV	NT	-20.08	-0.024	PASS
Band5	10	20525	50	#0	16QAM	NV	NT	-18.94	-0.023	PASS
Band5	10	20525	50	#0	16QAM	HV	NT	-17.57	-0.021	PASS
Band5	10	20600	50	#0	QPSK	LV	NT	-6.28	-0.007	PASS
Band5	10	20600	50	#0	QPSK	NV	NT	-11.84	-0.014	PASS
Band5	10	20600	50	#0	QPSK	HV	NT	-18.75	-0.022	PASS
Band5	10	20600	50	#0	16QAM	LV	NT	-24.53	-0.029	PASS
Band5	10	20600	50	#0	16QAM	NV	NT	-25.23	-0.030	PASS
Band5	10	20600	50	#0	16QAM	HV	NT	-24.83	-0.029	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	-30.87	-0.037	PASS
Band5	1.4	20407	6	#0	QPSK	NV	-20	-1.37	-0.002	PASS
Band5	1.4	20407	6	#0	QPSK	NV	0	-19.05	-0.023	PASS
Band5	1.4	20407	6	#0	QPSK	NV	10	-35.45	-0.043	PASS
Band5	1.4	20407	6	#0	QPSK	NV	20	-2.26	-0.003	PASS
Band5	1.4	20407	6	#0	QPSK	NV	30	-16.82	-0.020	PASS

Band5	1.4	20407	6	#0	QPSK	NV	40	-29.03	-0.035	PASS
Band5	1.4	20407	6	#0	QPSK	NV	50	-42.01	-0.051	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-30	-13.86	-0.017	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-20	-25.09	-0.030	PASS
Band5	1.4	20407	6	#0	16QAM	NV	0	-34.58	-0.042	PASS
Band5	1.4	20407	6	#0	16QAM	NV	10	-38.47	-0.047	PASS
Band5	1.4	20407	6	#0	16QAM	NV	20	-43.00	-0.052	PASS
Band5	1.4	20407	6	#0	16QAM	NV	30	0.99	0.001	PASS
Band5	1.4	20407	6	#0	16QAM	NV	40	-2.95	-0.004	PASS
Band5	1.4	20407	6	#0	16QAM	NV	50	-9.44	-0.011	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-30	-13.33	-0.016	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-20	-17.58	-0.021	PASS
Band5	1.4	20525	6	#0	QPSK	NV	0	-18.12	-0.022	PASS
Band5	1.4	20525	6	#0	QPSK	NV	10	-17.09	-0.020	PASS
Band5	1.4	20525	6	#0	QPSK	NV	20	-17.32	-0.021	PASS
Band5	1.4	20525	6	#0	QPSK	NV	30	-16.49	-0.020	PASS
Band5	1.4	20525	6	#0	QPSK	NV	40	-16.67	-0.020	PASS
Band5	1.4	20525	6	#0	QPSK	NV	50	-16.34	-0.020	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-30	-15.18	-0.018	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-20	-14.82	-0.018	PASS
Band5	1.4	20525	6	#0	16QAM	NV	0	-13.48	-0.016	PASS
Band5	1.4	20525	6	#0	16QAM	NV	10	-12.60	-0.015	PASS
Band5	1.4	20525	6	#0	16QAM	NV	20	-11.10	-0.013	PASS
Band5	1.4	20525	6	#0	16QAM	NV	30	-11.46	-0.014	PASS
Band5	1.4	20525	6	#0	16QAM	NV	40	-9.97	-0.012	PASS
Band5	1.4	20525	6	#0	16QAM	NV	50	-10.50	-0.013	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-30	-20.36	-0.024	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-20	-32.56	-0.038	PASS
Band5	1.4	20643	6	#0	QPSK	NV	0	-42.86	-0.051	PASS
Band5	1.4	20643	6	#0	QPSK	NV	10	0.06	0.000	PASS
Band5	1.4	20643	6	#0	QPSK	NV	20	-6.62	-0.008	PASS
Band5	1.4	20643	6	#0	QPSK	NV	30	-13.53	-0.016	PASS
Band5	1.4	20643	6	#0	QPSK	NV	40	-19.77	-0.023	PASS
Band5	1.4	20643	6	#0	QPSK	NV	50	-24.42	-0.029	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-30	-28.88	-0.034	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-20	-29.58	-0.035	PASS
Band5	1.4	20643	6	#0	16QAM	NV	0	-30.63	-0.036	PASS
Band5	1.4	20643	6	#0	16QAM	NV	10	-30.93	-0.036	PASS
Band5	1.4	20643	6	#0	16QAM	NV	20	-31.36	-0.037	PASS
Band5	1.4	20643	6	#0	16QAM	NV	30	-31.61	-0.037	PASS
Band5	1.4	20643	6	#0	16QAM	NV	40	-32.03	-0.038	PASS
Band5	1.4	20643	6	#0	16QAM	NV	50	-33.25	-0.039	PASS
Band5	3	20415	15	#0	QPSK	NV	-30	-1.47	-0.002	PASS

Band5	3	20415	15	#0	QPSK	NV	-20	-27.34	-0.033	PASS
Band5	3	20415	15	#0	QPSK	NV	0	-3.40	-0.004	PASS
Band5	3	20415	15	#0	QPSK	NV	10	-25.92	-0.031	PASS
Band5	3	20415	15	#0	QPSK	NV	20	-47.59	-0.058	PASS
Band5	3	20415	15	#0	QPSK	NV	30	-17.57	-0.021	PASS
Band5	3	20415	15	#0	QPSK	NV	40	-35.29	-0.043	PASS
Band5	3	20415	15	#0	QPSK	NV	50	-1.52	-0.002	PASS
Band5	3	20415	15	#0	16QAM	NV	-30	-17.70	-0.021	PASS
Band5	3	20415	15	#0	16QAM	NV	-20	-29.07	-0.035	PASS
Band5	3	20415	15	#0	16QAM	NV	0	-36.62	-0.044	PASS
Band5	3	20415	15	#0	16QAM	NV	10	-43.83	-0.053	PASS
Band5	3	20415	15	#0	16QAM	NV	20	-16.61	-0.020	PASS
Band5	3	20415	15	#0	16QAM	NV	30	-14.16	-0.017	PASS
Band5	3	20415	15	#0	16QAM	NV	40	-20.06	-0.024	PASS
Band5	3	20415	15	#0	16QAM	NV	50	-25.71	-0.031	PASS
Band5	3	20525	15	#0	QPSK	NV	-30	-12.86	-0.015	PASS
Band5	3	20525	15	#0	QPSK	NV	-20	-18.50	-0.022	PASS
Band5	3	20525	15	#0	QPSK	NV	0	-19.96	-0.024	PASS
Band5	3	20525	15	#0	QPSK	NV	10	-20.74	-0.025	PASS
Band5	3	20525	15	#0	QPSK	NV	20	-23.46	-0.028	PASS
Band5	3	20525	15	#0	QPSK	NV	30	-22.99	-0.027	PASS
Band5	3	20525	15	#0	QPSK	NV	40	-23.92	-0.029	PASS
Band5	3	20525	15	#0	QPSK	NV	50	-24.60	-0.029	PASS
Band5	3	20525	15	#0	16QAM	NV	-30	-25.21	-0.030	PASS
Band5	3	20525	15	#0	16QAM	NV	-20	-24.63	-0.029	PASS
Band5	3	20525	15	#0	16QAM	NV	0	-32.79	-0.039	PASS
Band5	3	20525	15	#0	16QAM	NV	10	-31.14	-0.037	PASS
Band5	3	20525	15	#0	16QAM	NV	20	7.97	0.010	PASS
Band5	3	20525	15	#0	16QAM	NV	30	12.29	0.015	PASS
Band5	3	20525	15	#0	16QAM	NV	40	14.52	0.017	PASS
Band5	3	20525	15	#0	16QAM	NV	50	16.08	0.019	PASS
Band5	3	20635	15	#0	QPSK	NV	-30	-9.71	-0.011	PASS
Band5	3	20635	15	#0	QPSK	NV	-20	-16.98	-0.020	PASS
Band5	3	20635	15	#0	QPSK	NV	0	-24.05	-0.028	PASS
Band5	3	20635	15	#0	QPSK	NV	10	-30.54	-0.036	PASS
Band5	3	20635	15	#0	QPSK	NV	20	-33.89	-0.040	PASS
Band5	3	20635	15	#0	QPSK	NV	30	-39.58	-0.047	PASS
Band5	3	20635	15	#0	QPSK	NV	40	-41.71	-0.049	PASS
Band5	3	20635	15	#0	QPSK	NV	50	-21.00	-0.025	PASS
Band5	3	20635	15	#0	16QAM	NV	-30	-6.62	-0.008	PASS
Band5	3	20635	15	#0	16QAM	NV	-20	-7.05	-0.008	PASS
Band5	3	20635	15	#0	16QAM	NV	0	-7.44	-0.009	PASS
Band5	3	20635	15	#0	16QAM	NV	10	-7.08	-0.008	PASS

Band5	3	20635	15	#0	16QAM	NV	20	-6.97	-0.008	PASS
Band5	3	20635	15	#0	16QAM	NV	30	-6.49	-0.008	PASS
Band5	3	20635	15	#0	16QAM	NV	40	-8.63	-0.010	PASS
Band5	3	20635	15	#0	16QAM	NV	50	-10.57	-0.012	PASS
Band5	5	20425	25	#0	QPSK	NV	-30	-8.98	-0.011	PASS
Band5	5	20425	25	#0	QPSK	NV	-20	-24.75	-0.030	PASS
Band5	5	20425	25	#0	QPSK	NV	0	-40.57	-0.049	PASS
Band5	5	20425	25	#0	QPSK	NV	10	-6.81	-0.008	PASS
Band5	5	20425	25	#0	QPSK	NV	20	-18.32	-0.022	PASS
Band5	5	20425	25	#0	QPSK	NV	30	-26.82	-0.032	PASS
Band5	5	20425	25	#0	QPSK	NV	40	-35.20	-0.043	PASS
Band5	5	20425	25	#0	QPSK	NV	50	-43.24	-0.052	PASS
Band5	5	20425	25	#0	16QAM	NV	-30	-31.11	-0.038	PASS
Band5	5	20425	25	#0	16QAM	NV	-20	-7.10	-0.009	PASS
Band5	5	20425	25	#0	16QAM	NV	0	-8.58	-0.010	PASS
Band5	5	20425	25	#0	16QAM	NV	10	-10.89	-0.013	PASS
Band5	5	20425	25	#0	16QAM	NV	20	-11.77	-0.014	PASS
Band5	5	20425	25	#0	16QAM	NV	30	-29.54	-0.036	PASS
Band5	5	20425	25	#0	16QAM	NV	40	-43.24	-0.052	PASS
Band5	5	20425	25	#0	16QAM	NV	50	13.88	0.017	PASS
Band5	5	20525	25	#0	QPSK	NV	-30	-10.71	-0.013	PASS
Band5	5	20525	25	#0	QPSK	NV	-20	-14.38	-0.017	PASS
Band5	5	20525	25	#0	QPSK	NV	0	-13.28	-0.016	PASS
Band5	5	20525	25	#0	QPSK	NV	10	-13.72	-0.016	PASS
Band5	5	20525	25	#0	QPSK	NV	20	-11.86	-0.014	PASS
Band5	5	20525	25	#0	QPSK	NV	30	-12.36	-0.015	PASS
Band5	5	20525	25	#0	QPSK	NV	40	-13.40	-0.016	PASS
Band5	5	20525	25	#0	QPSK	NV	50	-14.35	-0.017	PASS
Band5	5	20525	25	#0	16QAM	NV	-30	-13.80	-0.016	PASS
Band5	5	20525	25	#0	16QAM	NV	-20	-11.89	-0.014	PASS
Band5	5	20525	25	#0	16QAM	NV	0	-11.26	-0.013	PASS
Band5	5	20525	25	#0	16QAM	NV	10	-8.97	-0.011	PASS
Band5	5	20525	25	#0	16QAM	NV	20	-7.57	-0.009	PASS
Band5	5	20525	25	#0	16QAM	NV	30	-5.69	-0.007	PASS
Band5	5	20525	25	#0	16QAM	NV	40	-5.66	-0.007	PASS
Band5	5	20525	25	#0	16QAM	NV	50	-4.75	-0.006	PASS
Band5	5	20625	25	#0	QPSK	NV	-30	-9.91	-0.012	PASS
Band5	5	20625	25	#0	QPSK	NV	-20	-15.35	-0.018	PASS
Band5	5	20625	25	#0	QPSK	NV	0	-18.50	-0.022	PASS
Band5	5	20625	25	#0	QPSK	NV	10	-21.84	-0.026	PASS
Band5	5	20625	25	#0	QPSK	NV	20	-24.69	-0.029	PASS
Band5	5	20625	25	#0	QPSK	NV	30	-26.55	-0.031	PASS
Band5	5	20625	25	#0	QPSK	NV	40	-28.27	-0.033	PASS

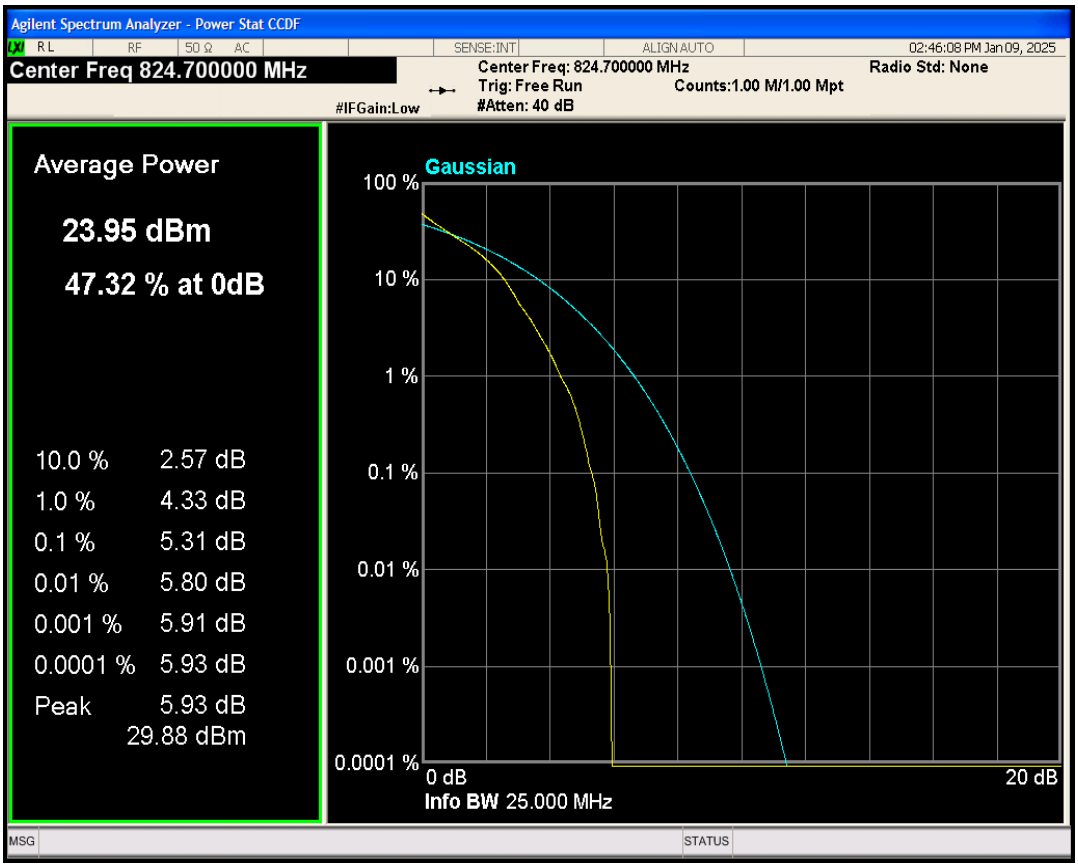
Band5	5	20625	25	#0	QPSK	NV	50	-36.29	-0.043	PASS
Band5	5	20625	25	#0	16QAM	NV	-30	-40.64	-0.048	PASS
Band5	5	20625	25	#0	16QAM	NV	-20	-39.54	-0.047	PASS
Band5	5	20625	25	#0	16QAM	NV	0	-38.85	-0.046	PASS
Band5	5	20625	25	#0	16QAM	NV	10	-38.39	-0.045	PASS
Band5	5	20625	25	#0	16QAM	NV	20	-38.71	-0.046	PASS
Band5	5	20625	25	#0	16QAM	NV	30	-39.21	-0.046	PASS
Band5	5	20625	25	#0	16QAM	NV	40	-38.32	-0.045	PASS
Band5	5	20625	25	#0	16QAM	NV	50	-37.48	-0.044	PASS
Band5	10	20450	50	#0	QPSK	NV	-30	19.05	0.023	PASS
Band5	10	20450	50	#0	QPSK	NV	-20	4.48	0.005	PASS
Band5	10	20450	50	#0	QPSK	NV	0	-7.12	-0.009	PASS
Band5	10	20450	50	#0	QPSK	NV	10	-17.54	-0.021	PASS
Band5	10	20450	50	#0	QPSK	NV	20	-25.18	-0.030	PASS
Band5	10	20450	50	#0	QPSK	NV	30	-31.31	-0.038	PASS
Band5	10	20450	50	#0	QPSK	NV	40	-38.05	-0.046	PASS
Band5	10	20450	50	#0	QPSK	NV	50	-42.77	-0.052	PASS
Band5	10	20450	50	#0	16QAM	NV	-30	0.59	0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	-20	-0.97	-0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	0	-1.46	-0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	10	-5.21	-0.006	PASS
Band5	10	20450	50	#0	16QAM	NV	20	-29.00	-0.035	PASS
Band5	10	20450	50	#0	16QAM	NV	30	-39.97	-0.048	PASS
Band5	10	20450	50	#0	16QAM	NV	40	-30.23	-0.036	PASS
Band5	10	20450	50	#0	16QAM	NV	50	-24.63	-0.030	PASS
Band5	10	20525	50	#0	QPSK	NV	-30	8.78	0.010	PASS
Band5	10	20525	50	#0	QPSK	NV	-20	6.42	0.008	PASS
Band5	10	20525	50	#0	QPSK	NV	0	3.56	0.004	PASS
Band5	10	20525	50	#0	QPSK	NV	10	-0.50	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	20	-0.89	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	30	-1.73	-0.002	PASS
Band5	10	20525	50	#0	QPSK	NV	40	-5.42	-0.006	PASS
Band5	10	20525	50	#0	QPSK	NV	50	-7.84	-0.009	PASS
Band5	10	20525	50	#0	16QAM	NV	-30	-8.61	-0.010	PASS
Band5	10	20525	50	#0	16QAM	NV	-20	-8.55	-0.010	PASS
Band5	10	20525	50	#0	16QAM	NV	0	-8.37	-0.010	PASS
Band5	10	20525	50	#0	16QAM	NV	10	-7.04	-0.008	PASS
Band5	10	20525	50	#0	16QAM	NV	20	-6.22	-0.007	PASS
Band5	10	20525	50	#0	16QAM	NV	30	-5.85	-0.007	PASS
Band5	10	20525	50	#0	16QAM	NV	40	-7.15	-0.009	PASS
Band5	10	20525	50	#0	16QAM	NV	50	-6.08	-0.007	PASS
Band5	10	20600	50	#0	QPSK	NV	-30	-0.21	0.000	PASS
Band5	10	20600	50	#0	QPSK	NV	-20	-9.21	-0.011	PASS

Band5	10	20600	50	#0	QPSK	NV	0	-15.88	-0.019	PASS
Band5	10	20600	50	#0	QPSK	NV	10	-21.30	-0.025	PASS
Band5	10	20600	50	#0	QPSK	NV	20	-26.99	-0.032	PASS
Band5	10	20600	50	#0	QPSK	NV	30	-33.35	-0.040	PASS
Band5	10	20600	50	#0	QPSK	NV	40	-36.41	-0.043	PASS
Band5	10	20600	50	#0	QPSK	NV	50	-40.48	-0.048	PASS
Band5	10	20600	50	#0	16QAM	NV	-30	-43.07	-0.051	PASS
Band5	10	20600	50	#0	16QAM	NV	-20	-41.53	-0.049	PASS
Band5	10	20600	50	#0	16QAM	NV	0	-39.18	-0.046	PASS
Band5	10	20600	50	#0	16QAM	NV	10	-39.91	-0.047	PASS
Band5	10	20600	50	#0	16QAM	NV	20	-40.13	-0.048	PASS
Band5	10	20600	50	#0	16QAM	NV	30	-12.30	-0.015	PASS
Band5	10	20600	50	#0	16QAM	NV	40	-24.59	-0.029	PASS
Band5	10	20600	50	#0	16QAM	NV	50	-21.33	-0.025	PASS

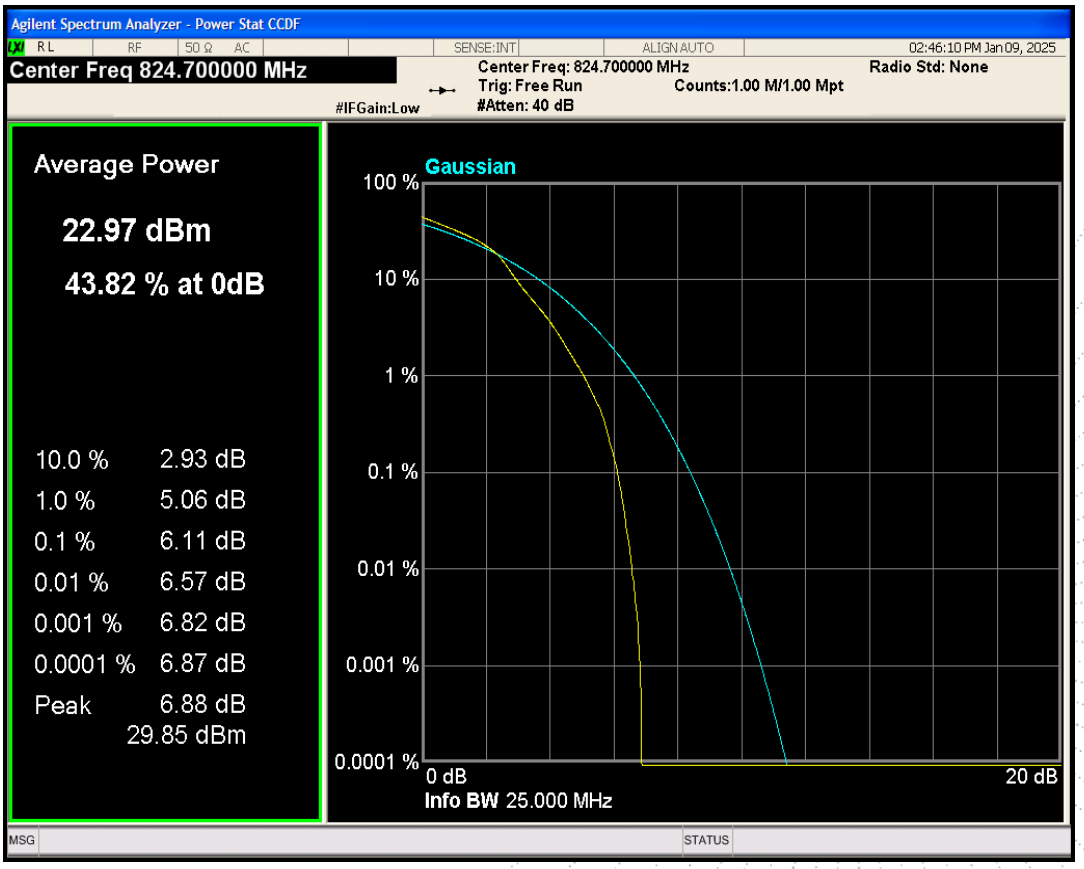
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	1.4	20407	1	#0	QPSK	5.31	13	PASS
Band5	1.4	20407	1	#0	16QAM	6.11	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.02	13	PASS
Band5	1.4	20525	1	#0	16QAM	5.71	13	PASS
Band5	1.4	20643	1	#0	QPSK	4.43	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.42	13	PASS
Band5	3	20415	1	#0	QPSK	5.28	13	PASS
Band5	3	20415	1	#0	16QAM	6.35	13	PASS
Band5	3	20525	1	#0	QPSK	4.76	13	PASS
Band5	3	20525	1	#0	16QAM	5.39	13	PASS
Band5	3	20635	1	#0	QPSK	4.48	13	PASS
Band5	3	20635	1	#0	16QAM	5.36	13	PASS
Band5	5	20425	1	#0	QPSK	5.56	13	PASS
Band5	5	20425	1	#0	16QAM	6.19	13	PASS
Band5	5	20525	1	#0	QPSK	4.18	13	PASS
Band5	5	20525	1	#0	16QAM	5.09	13	PASS
Band5	5	20625	1	#0	QPSK	4.26	13	PASS
Band5	5	20625	1	#0	16QAM	5.19	13	PASS
Band5	10	20450	1	#0	QPSK	5.12	13	PASS
Band5	10	20450	1	#0	16QAM	5.80	13	PASS
Band5	10	20525	1	#0	QPSK	3.63	13	PASS
Band5	10	20525	1	#0	16QAM	4.74	13	PASS
Band5	10	20600	1	#0	QPSK	4.73	13	PASS
Band5	10	20600	1	#0	16QAM	5.83	13	PASS

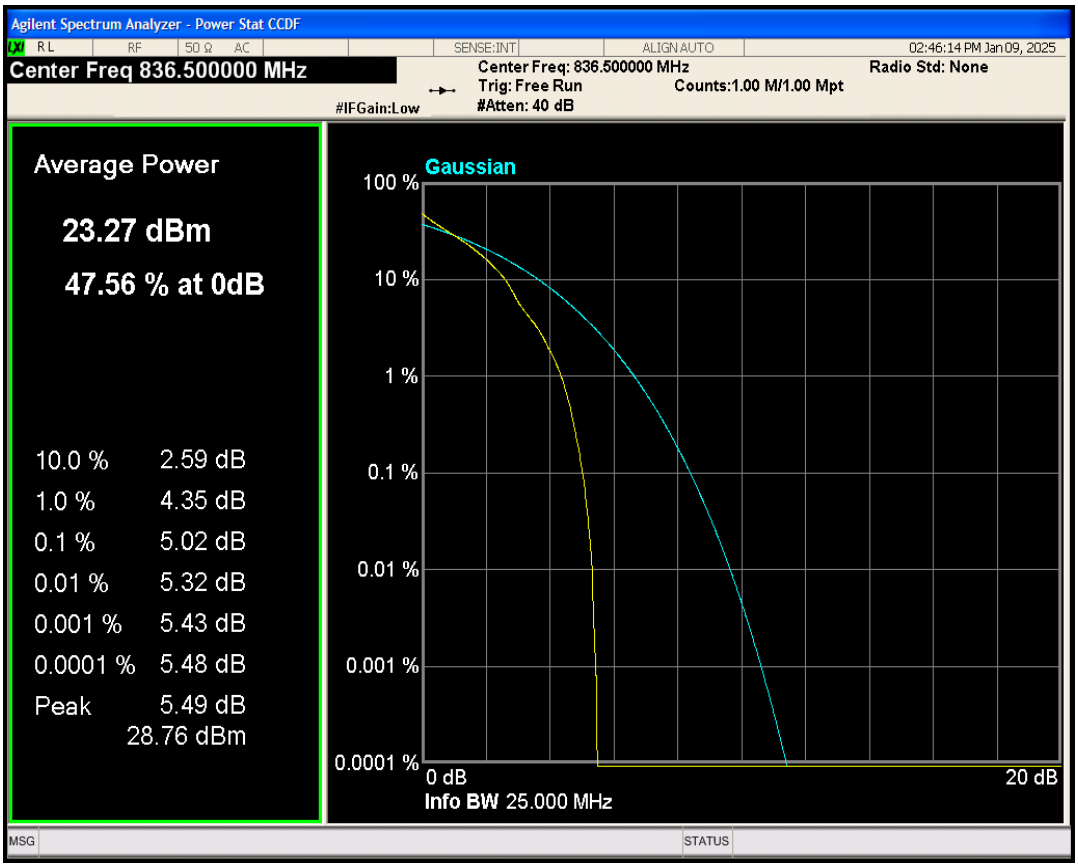
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



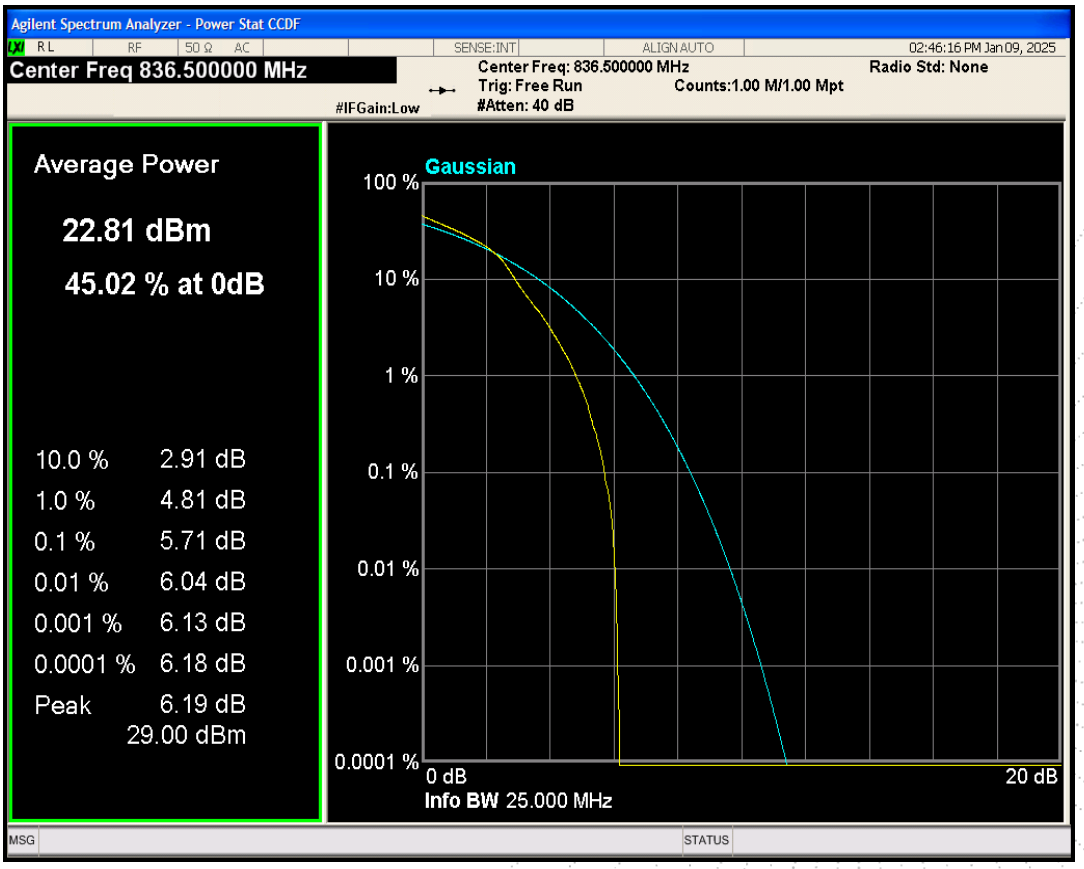
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



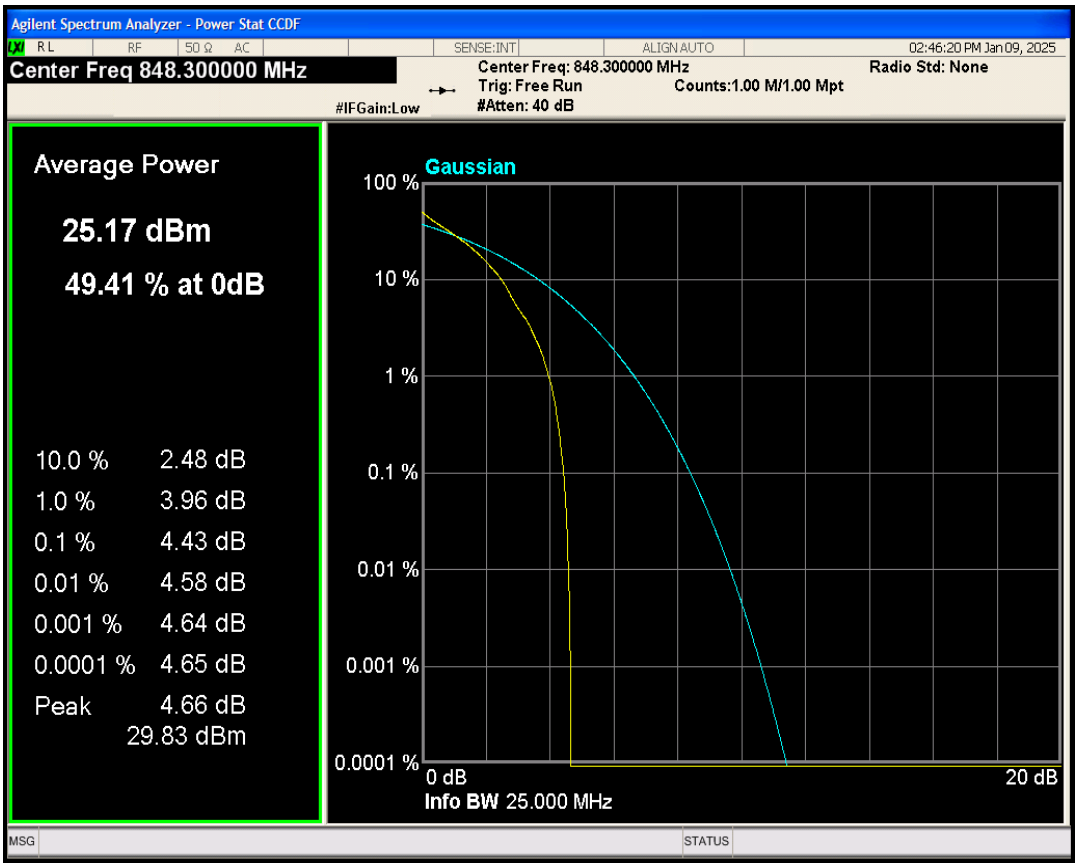
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



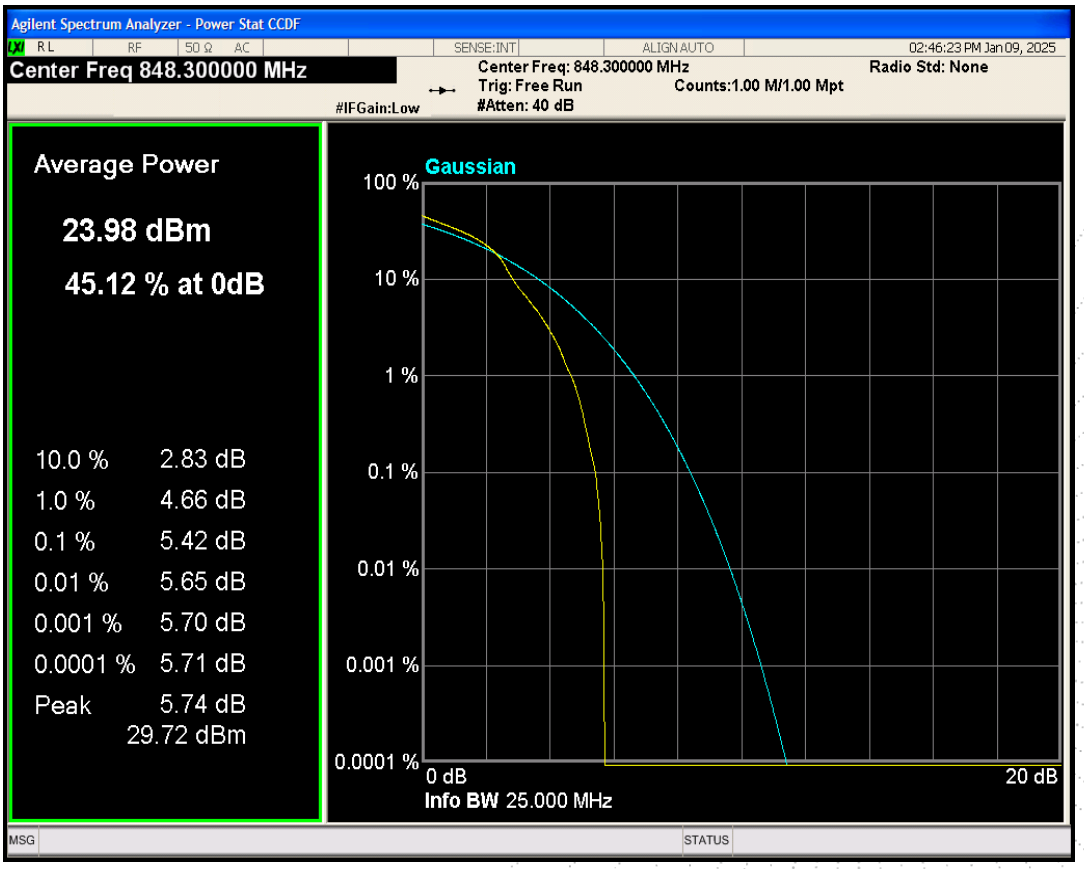
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



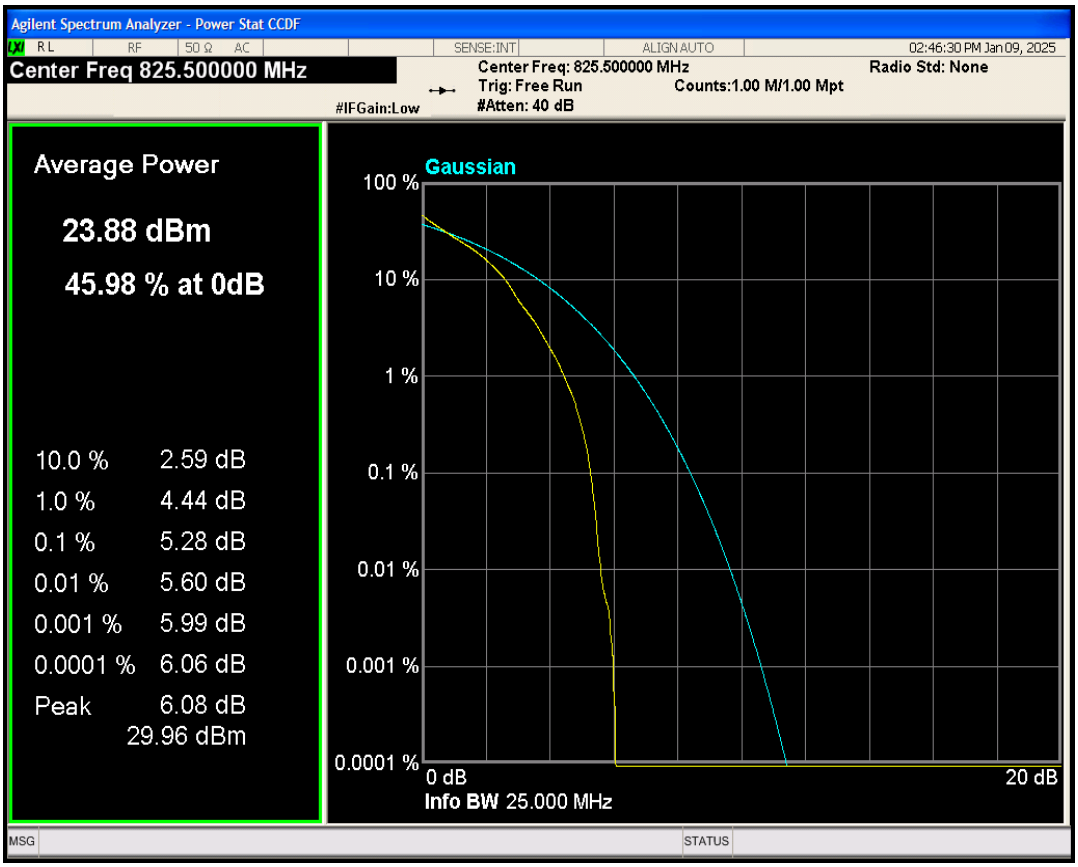
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



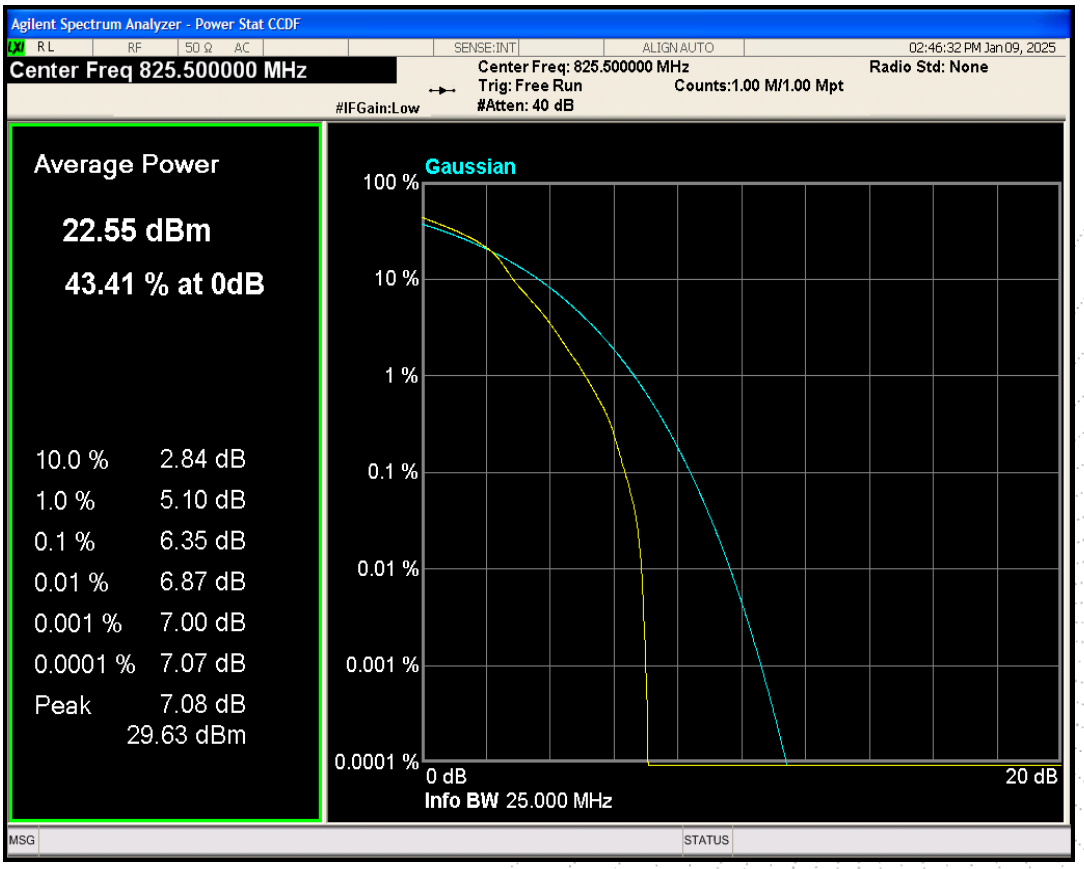
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



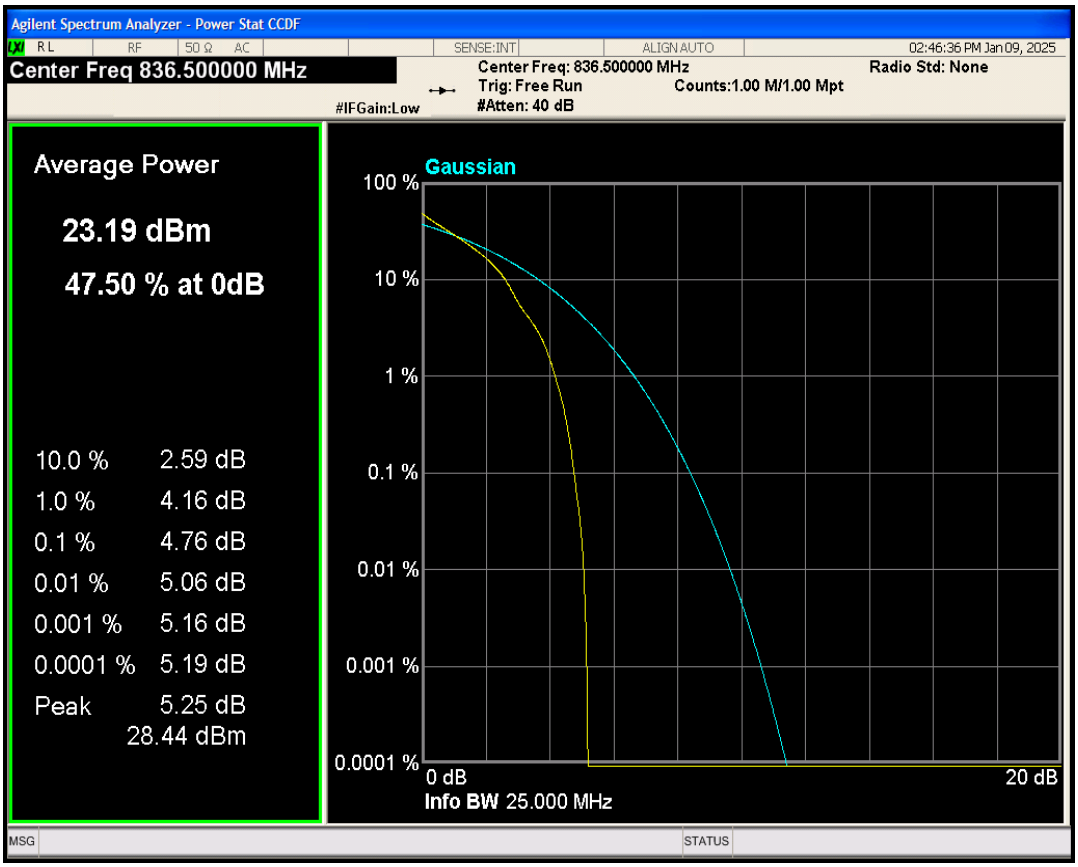
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



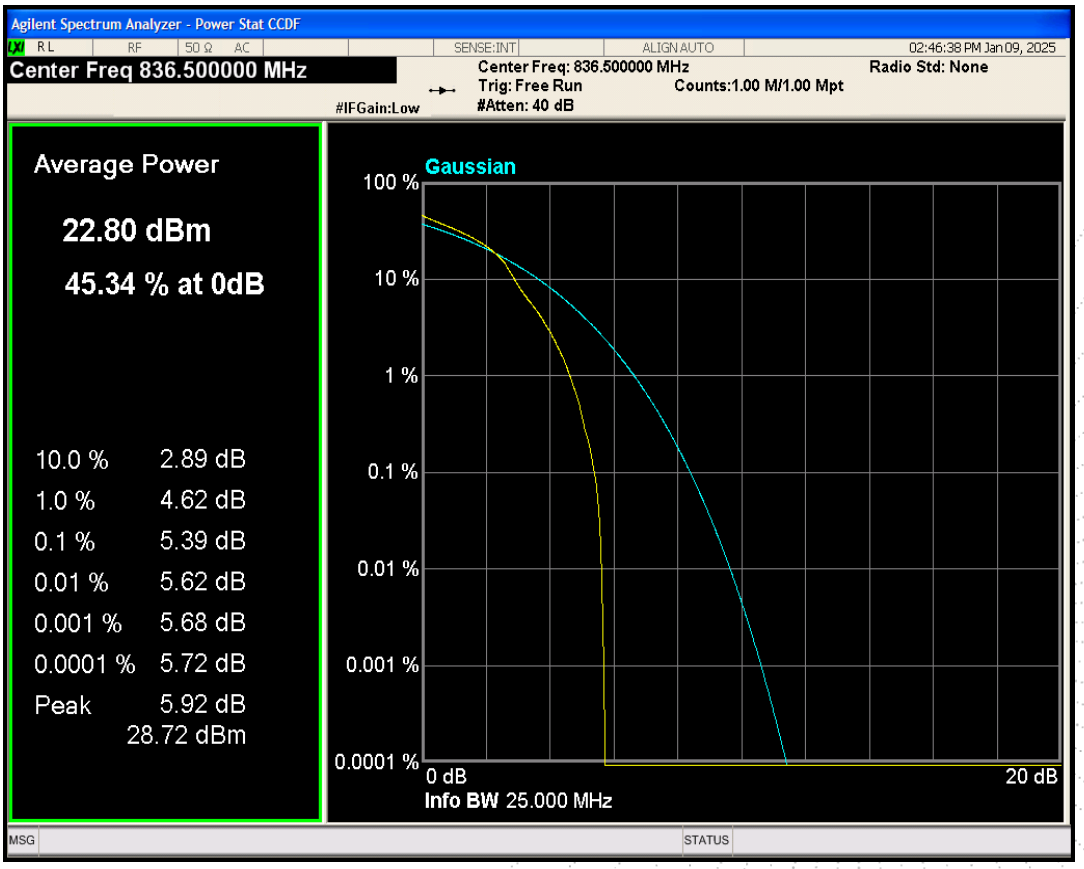
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



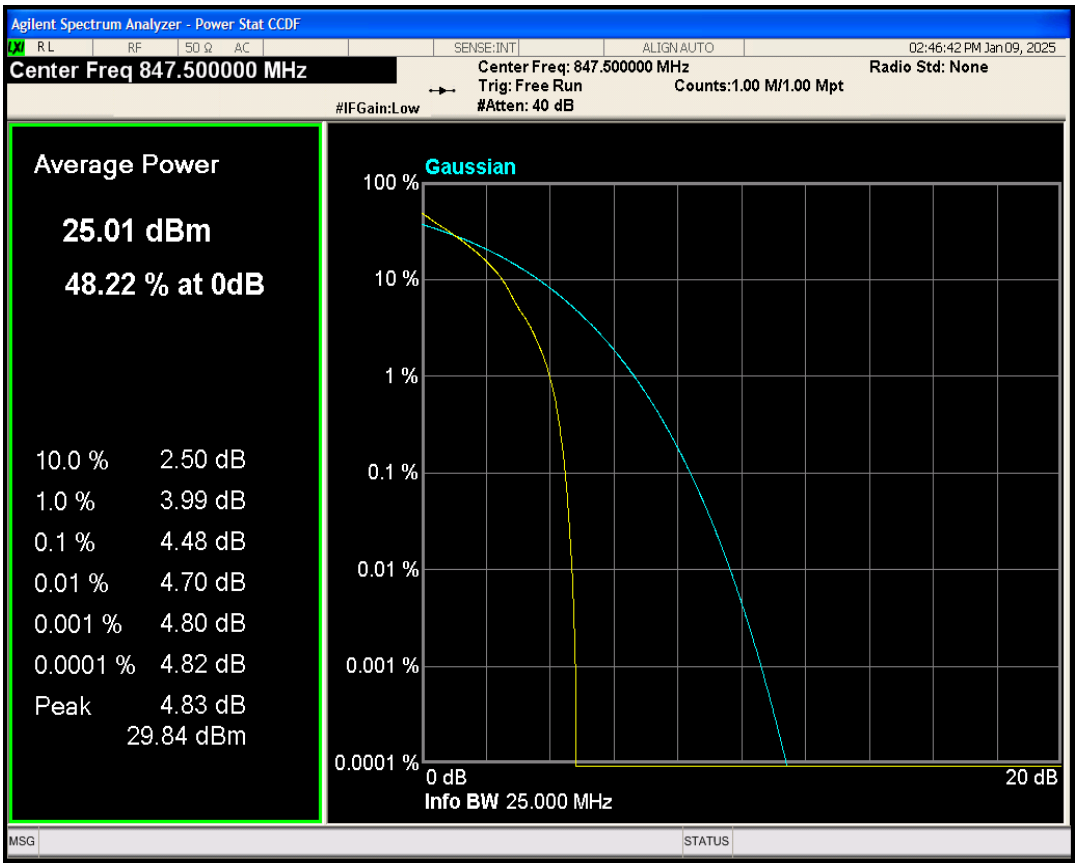
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



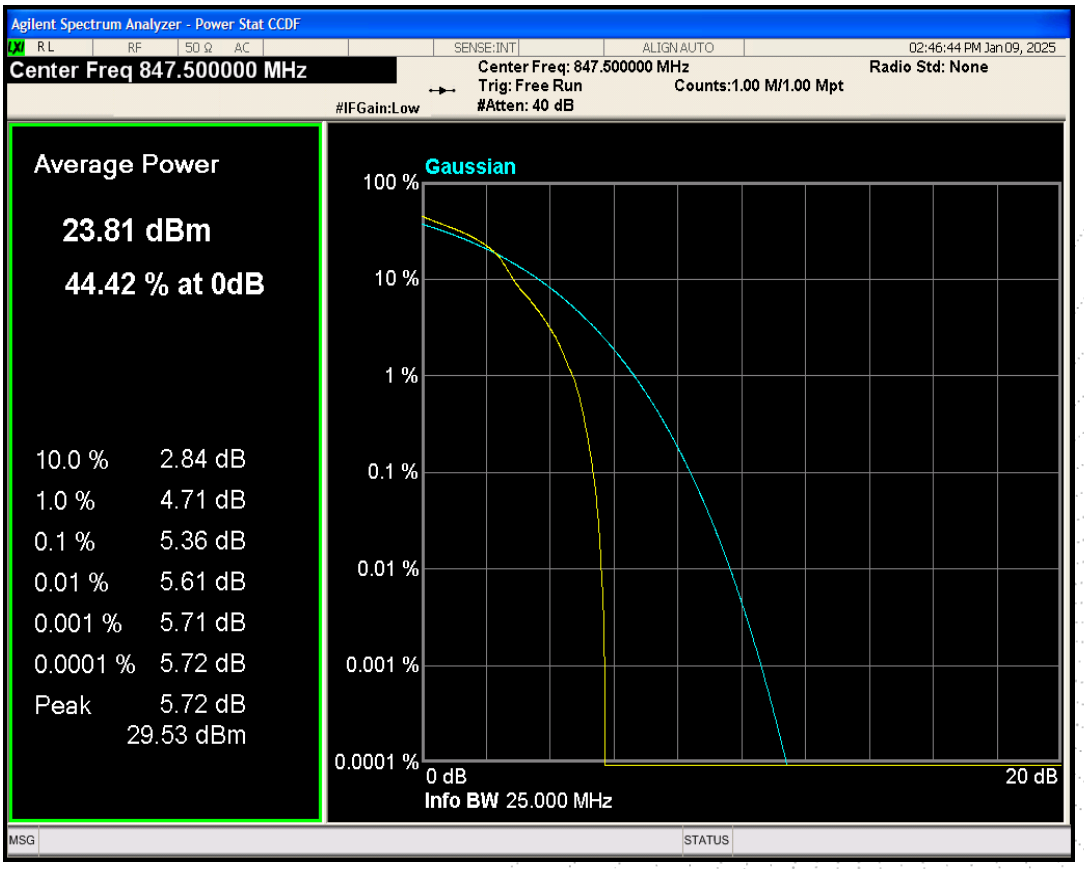
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



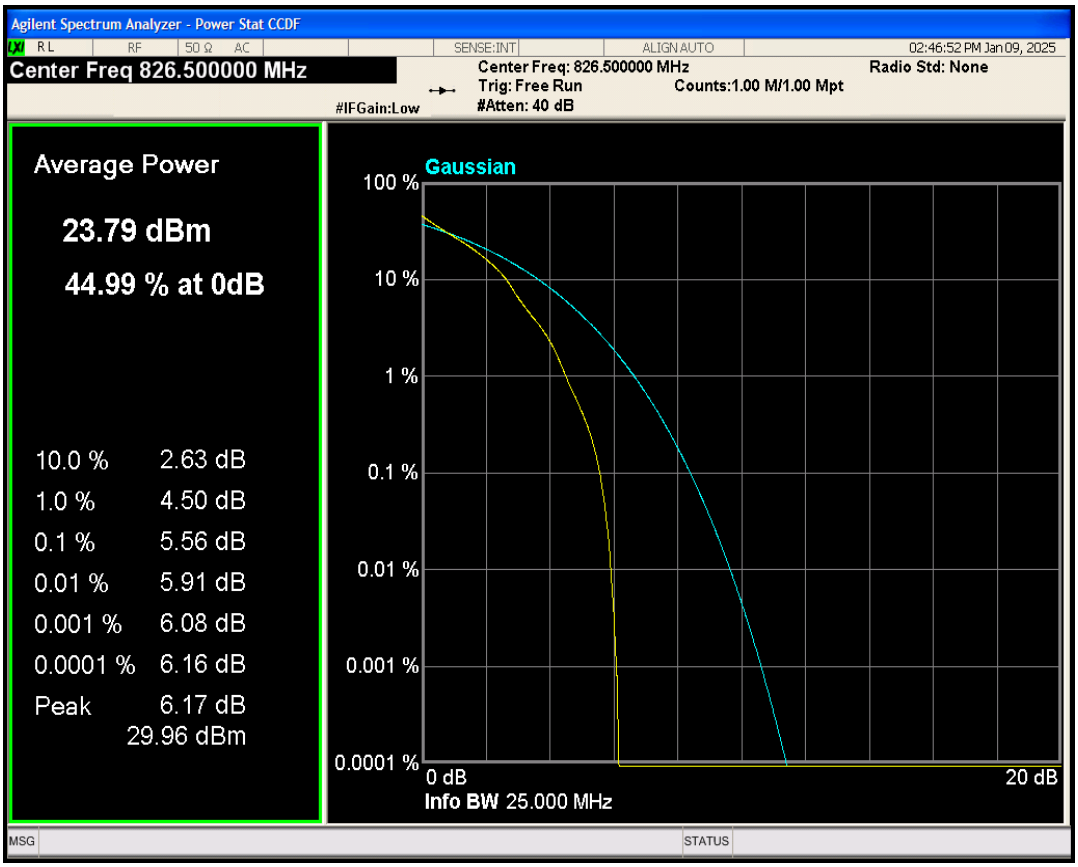
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



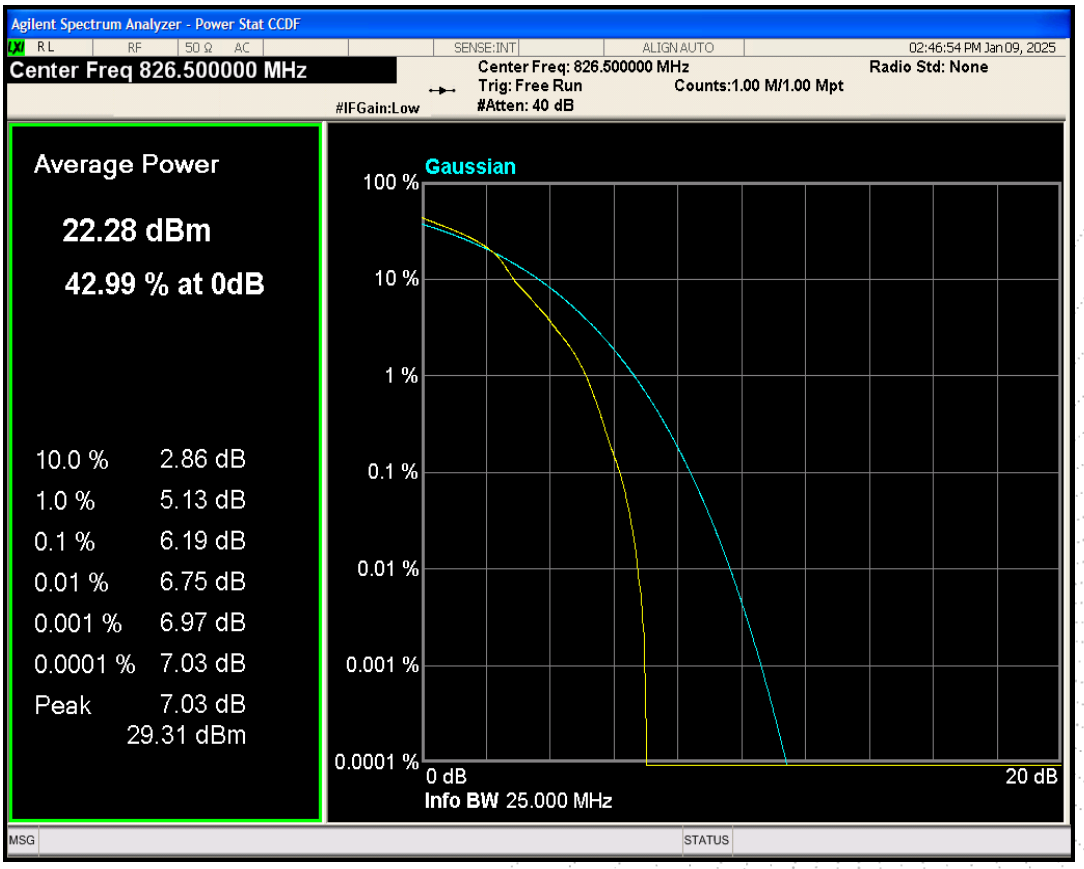
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



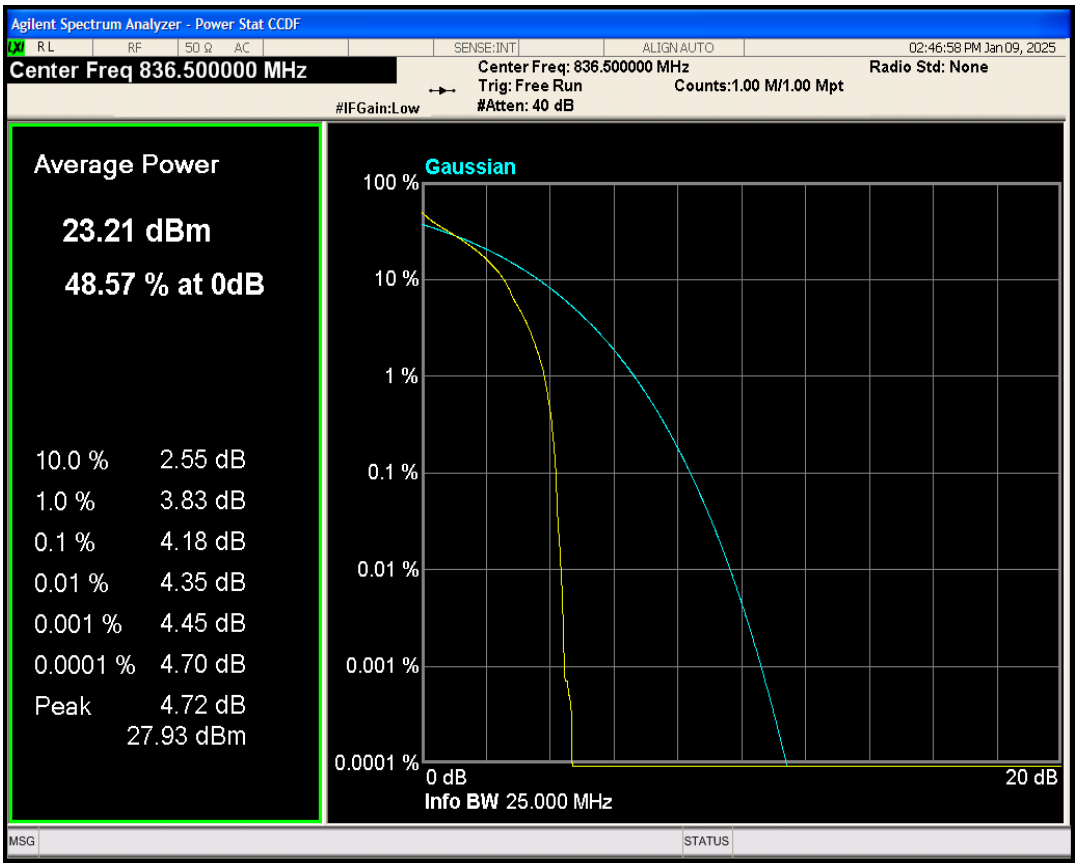
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



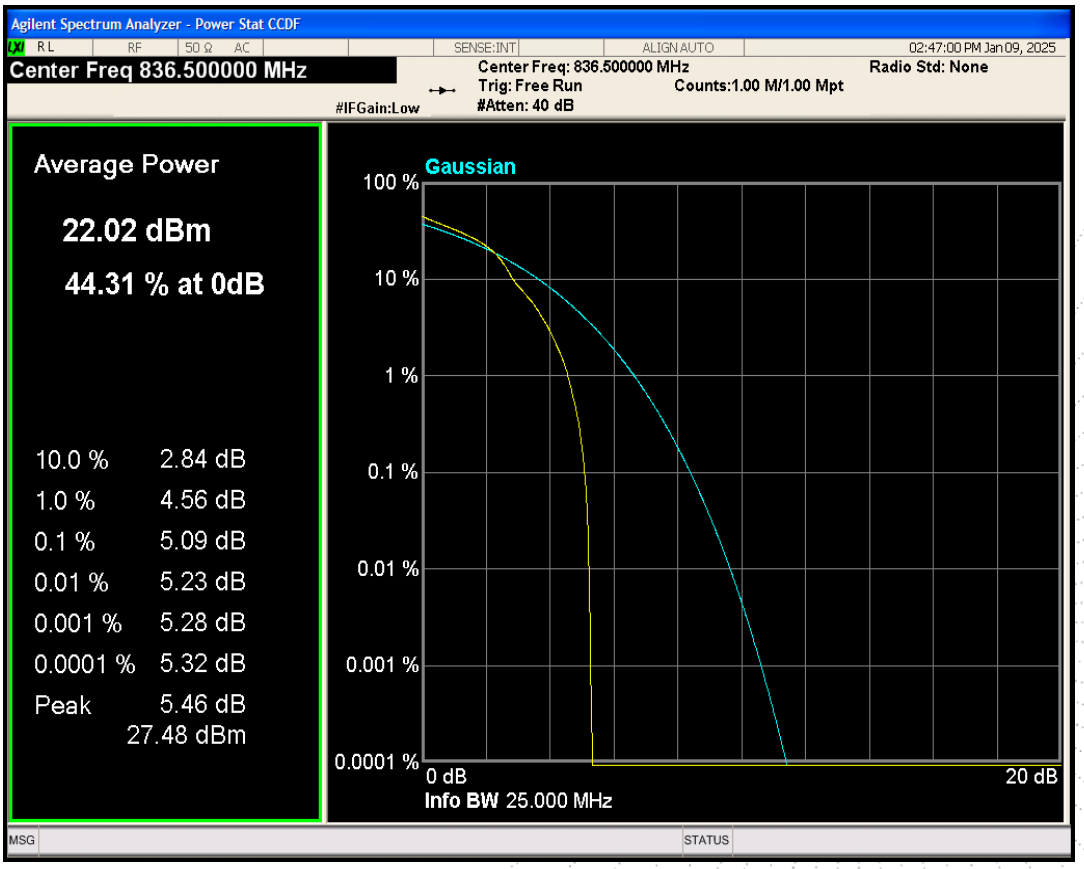
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



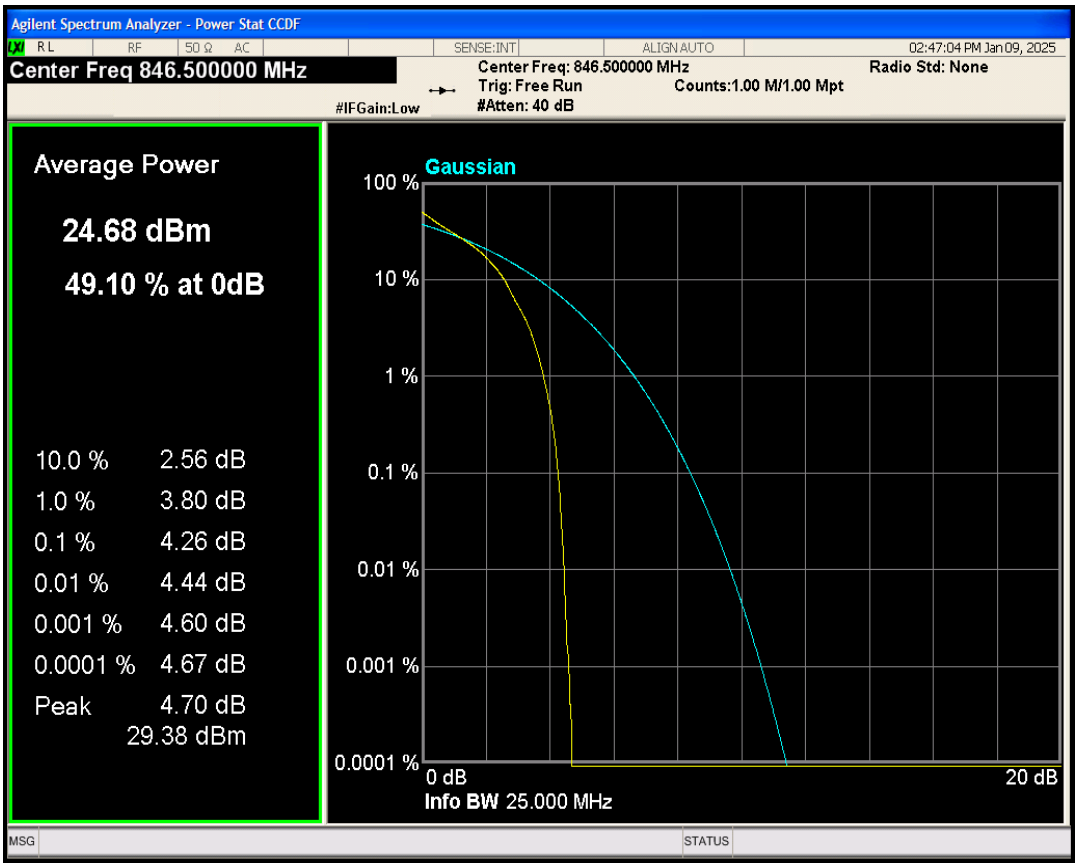
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



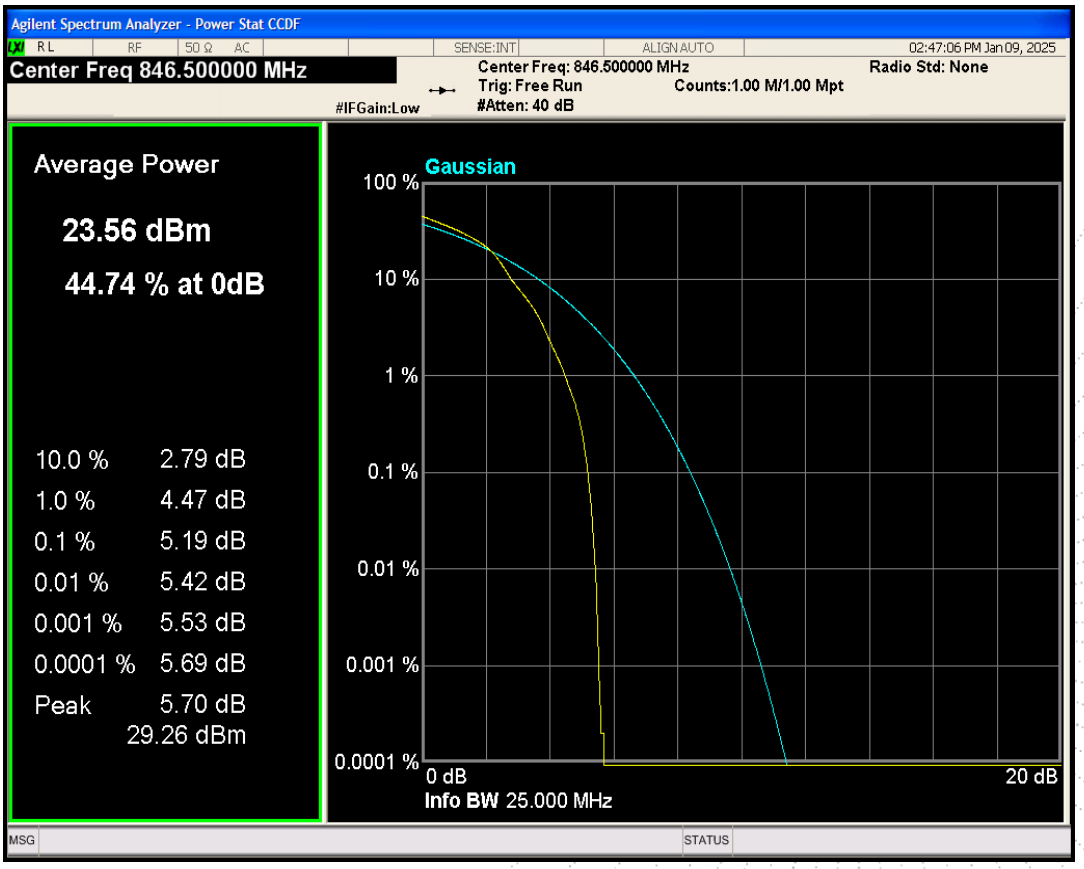
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



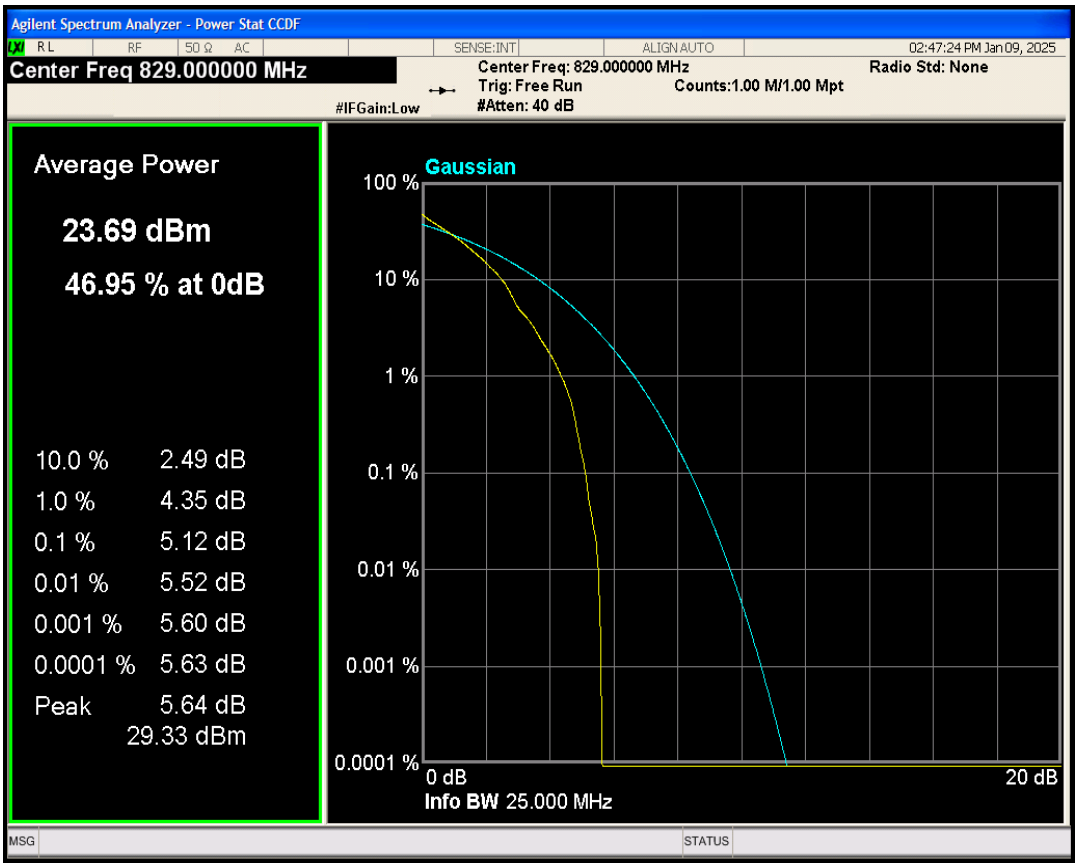
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



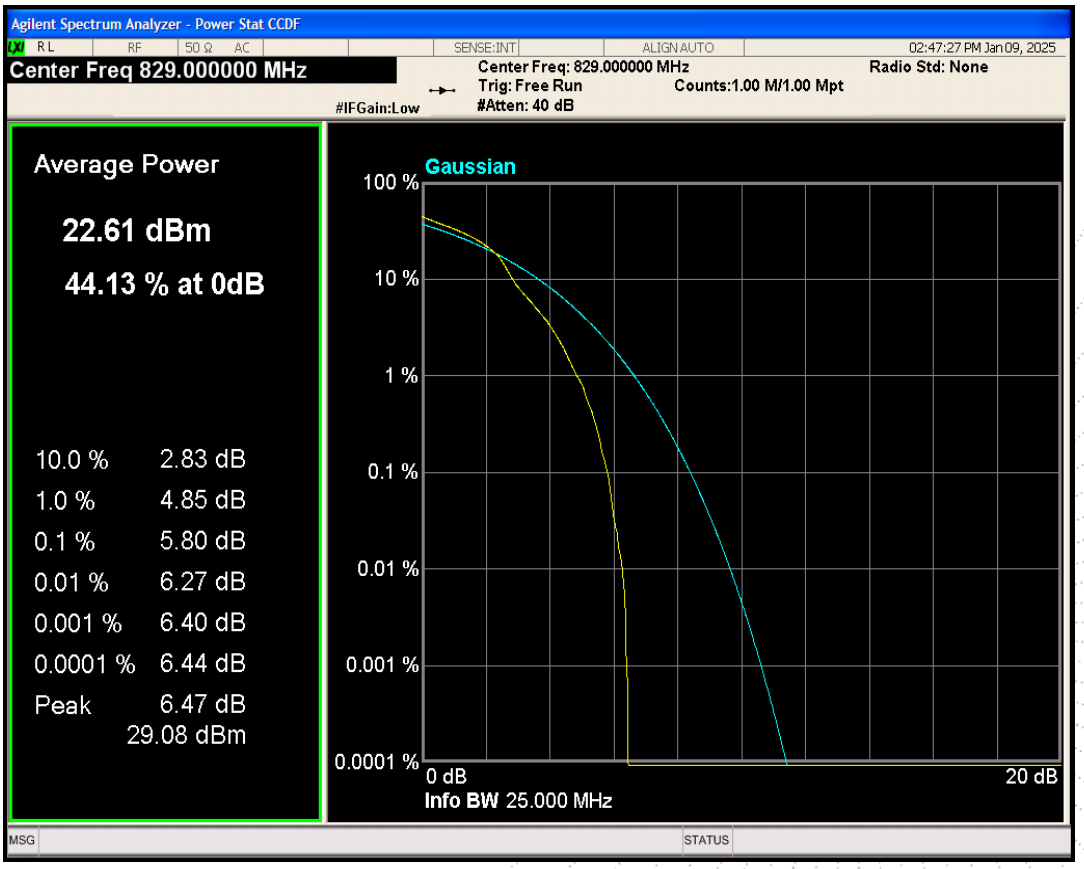
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



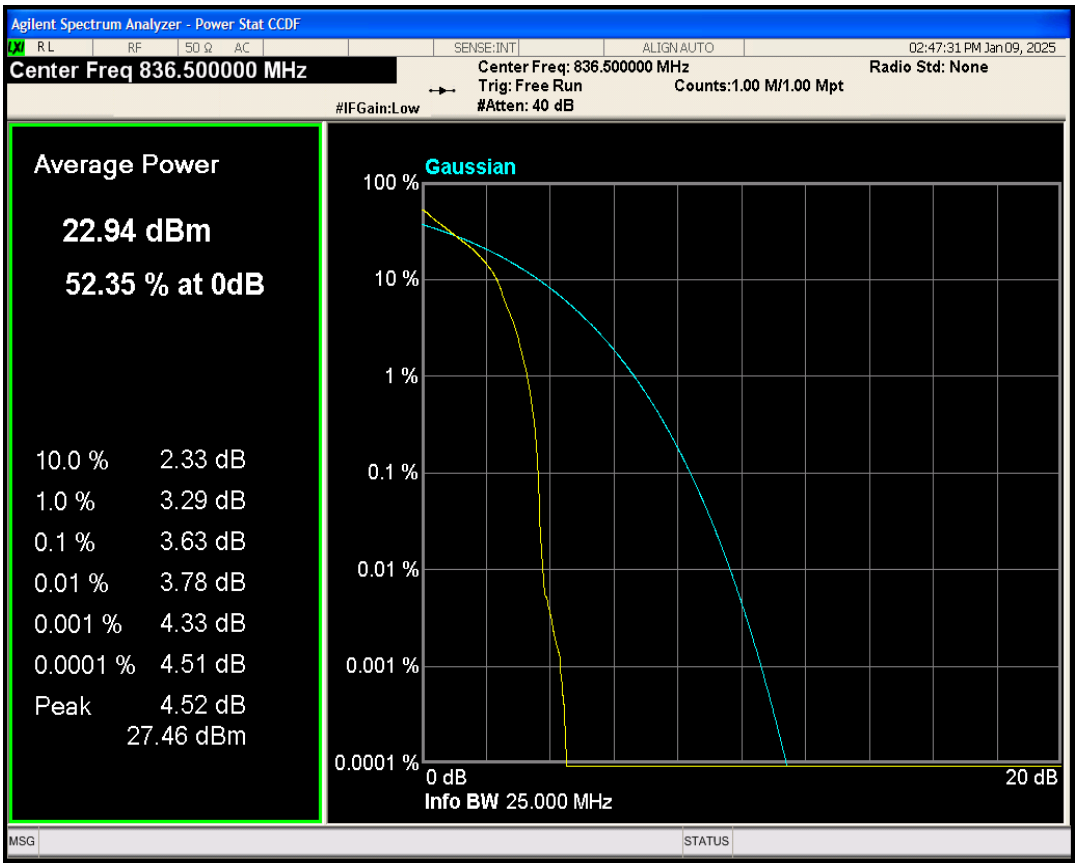
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



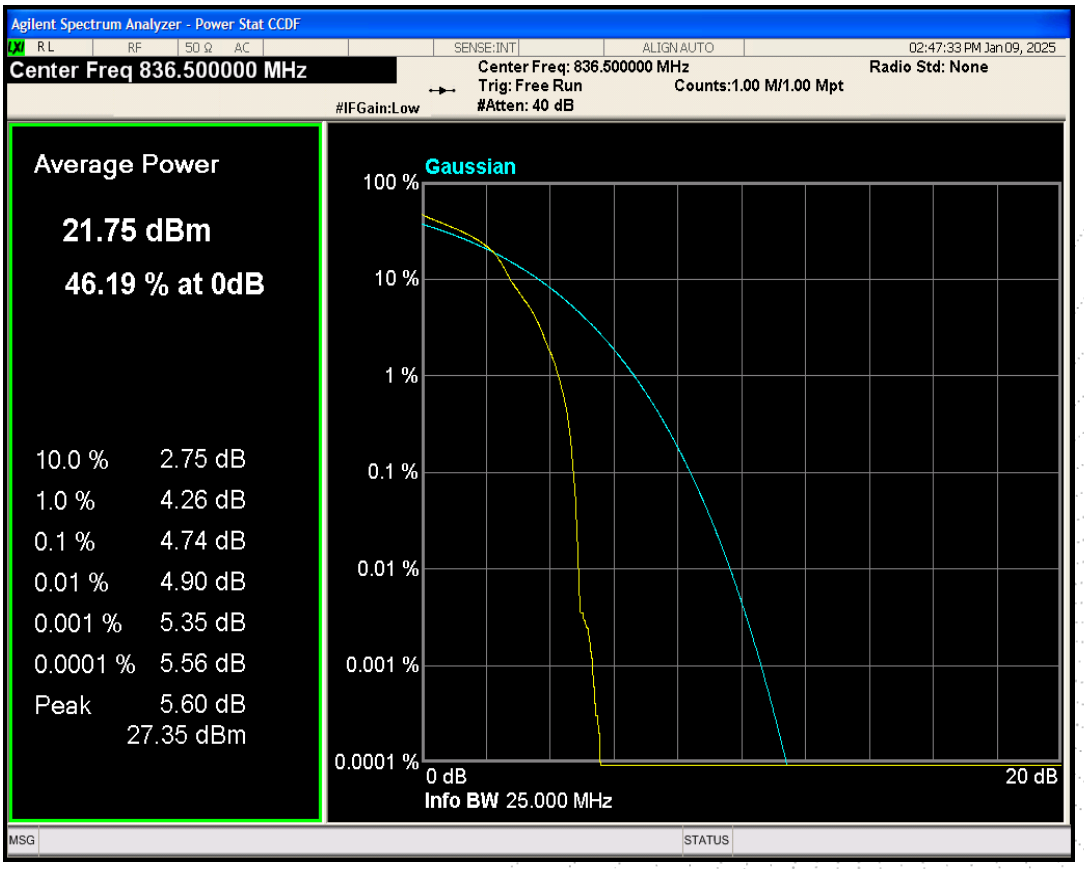
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



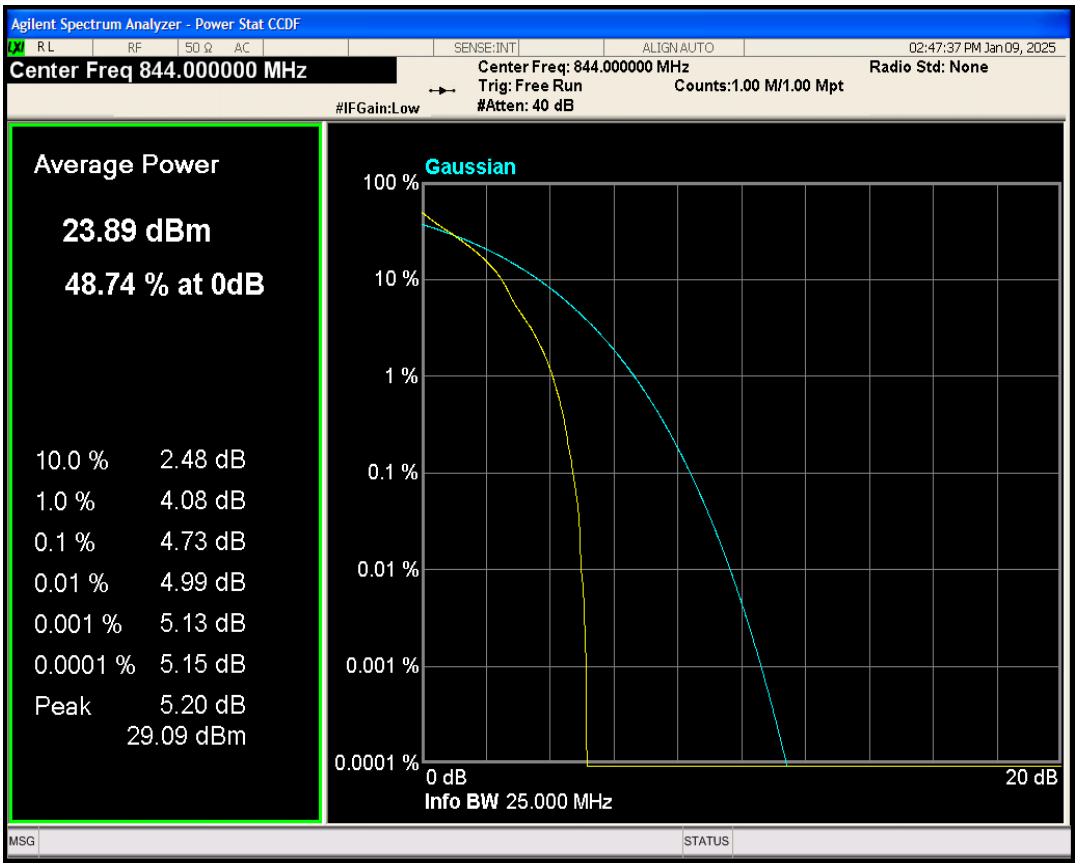
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



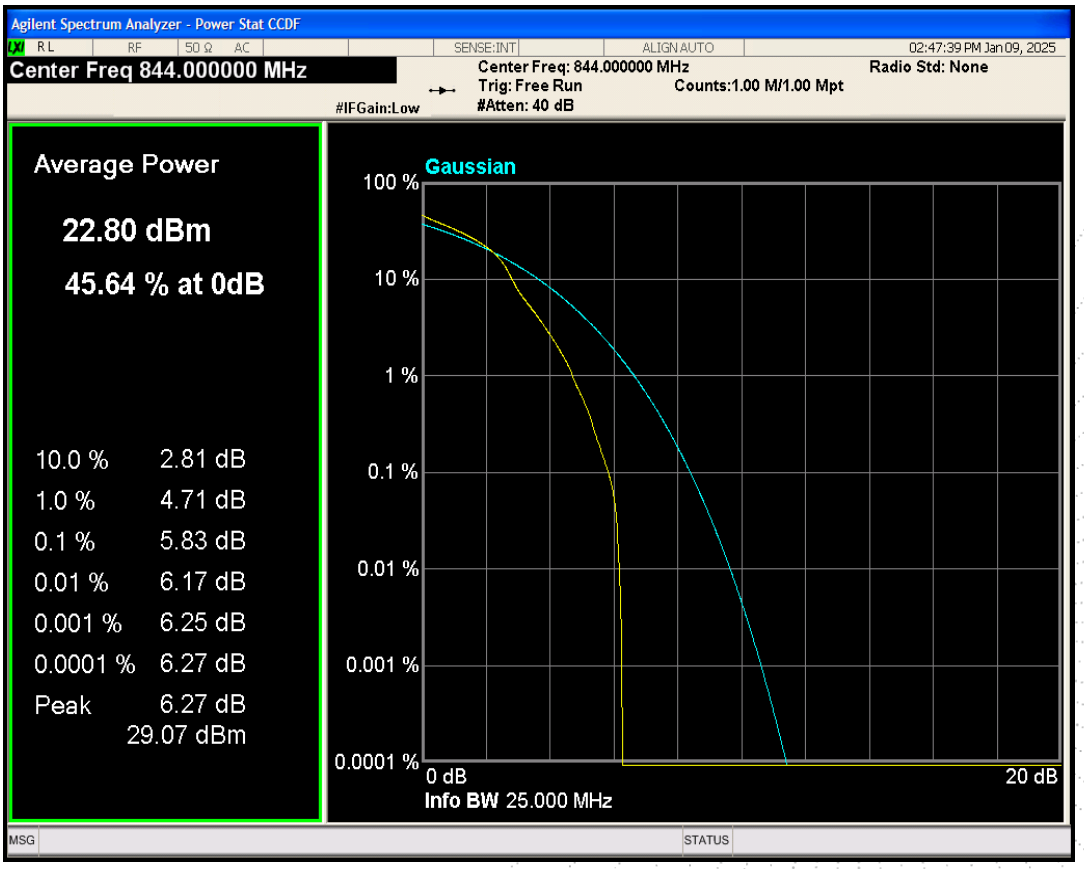
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



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



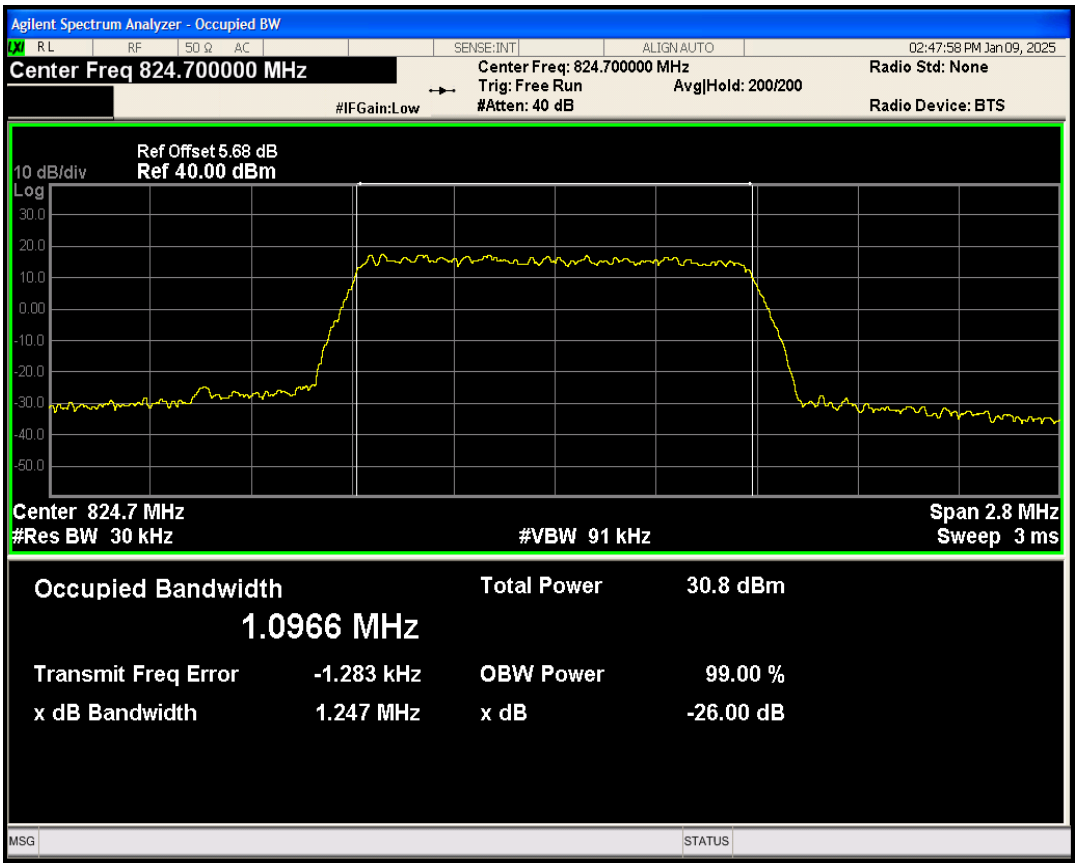
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



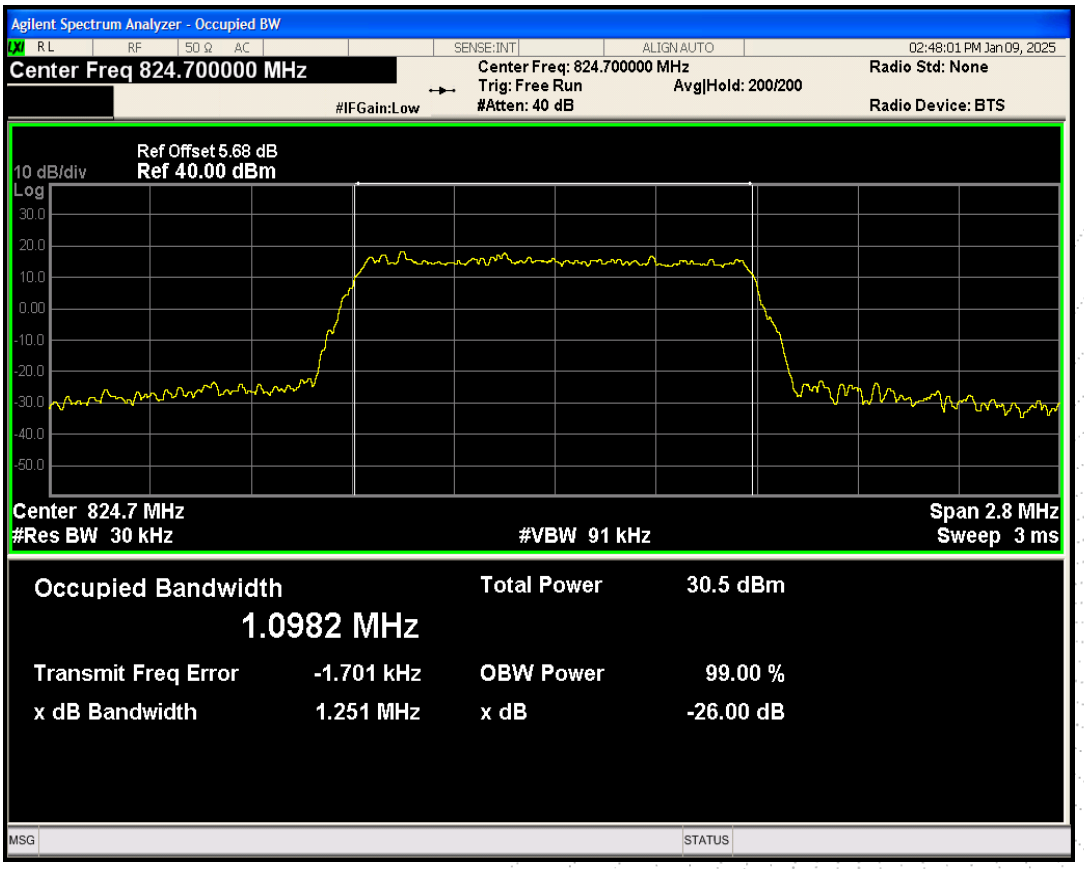
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.097	1.247	PASS
Band5	1.4	20407	6	#0	16QAM	1.098	1.251	PASS
Band5	1.4	20525	6	#0	QPSK	1.092	1.256	PASS
Band5	1.4	20525	6	#0	16QAM	1.103	1.254	PASS
Band5	1.4	20643	6	#0	QPSK	1.101	1.240	PASS
Band5	1.4	20643	6	#0	16QAM	1.093	1.238	PASS
Band5	3	20415	15	#0	QPSK	2.707	3.030	PASS
Band5	3	20415	15	#0	16QAM	2.706	3.041	PASS
Band5	3	20525	15	#0	QPSK	2.711	2.998	PASS
Band5	3	20525	15	#0	16QAM	2.706	3.063	PASS
Band5	3	20635	15	#0	QPSK	2.716	3.042	PASS
Band5	3	20635	15	#0	16QAM	2.712	3.048	PASS
Band5	5	20425	25	#0	QPSK	4.517	4.982	PASS
Band5	5	20425	25	#0	16QAM	4.518	4.987	PASS
Band5	5	20525	25	#0	QPSK	4.501	4.953	PASS
Band5	5	20525	25	#0	16QAM	4.522	4.962	PASS
Band5	5	20625	25	#0	QPSK	4.496	4.950	PASS
Band5	5	20625	25	#0	16QAM	4.514	4.947	PASS
Band5	10	20450	50	#0	QPSK	9.050	9.948	PASS
Band5	10	20450	50	#0	16QAM	9.040	9.838	PASS
Band5	10	20525	50	#0	QPSK	8.977	9.823	PASS
Band5	10	20525	50	#0	16QAM	9.002	9.721	PASS
Band5	10	20600	50	#0	QPSK	8.970	9.717	PASS
Band5	10	20600	50	#0	16QAM	8.953	9.824	PASS

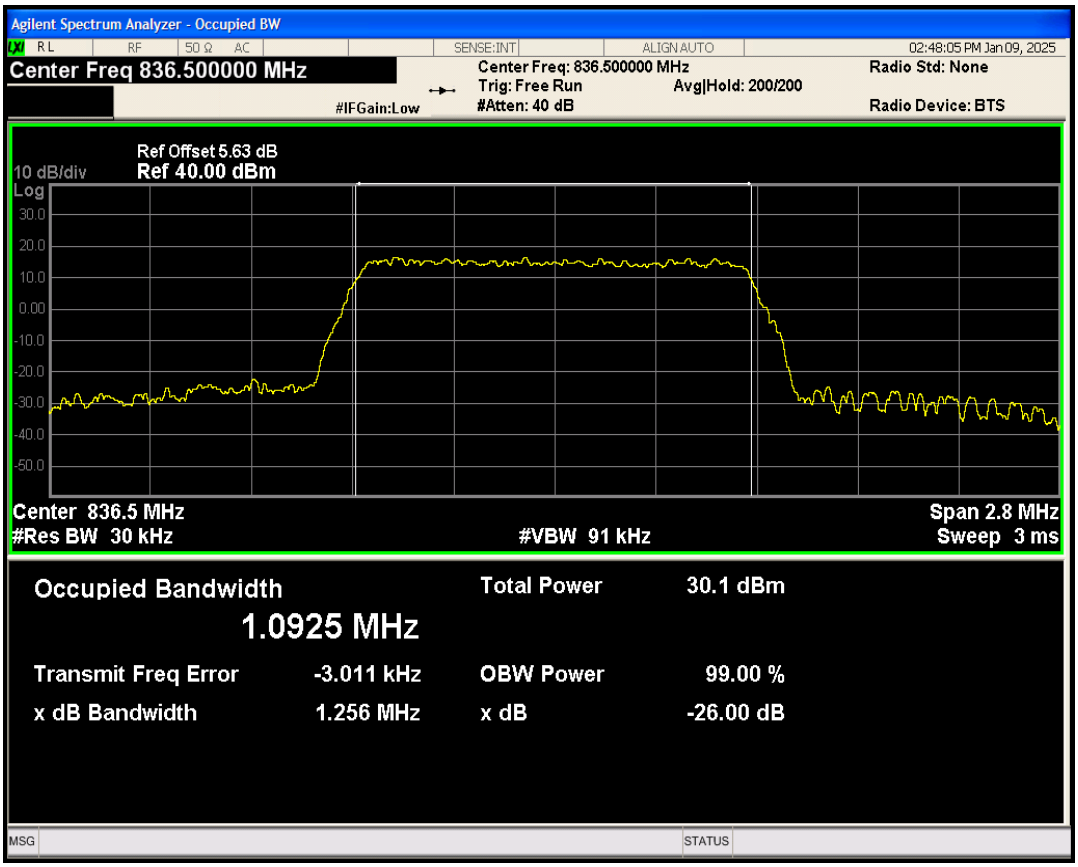
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



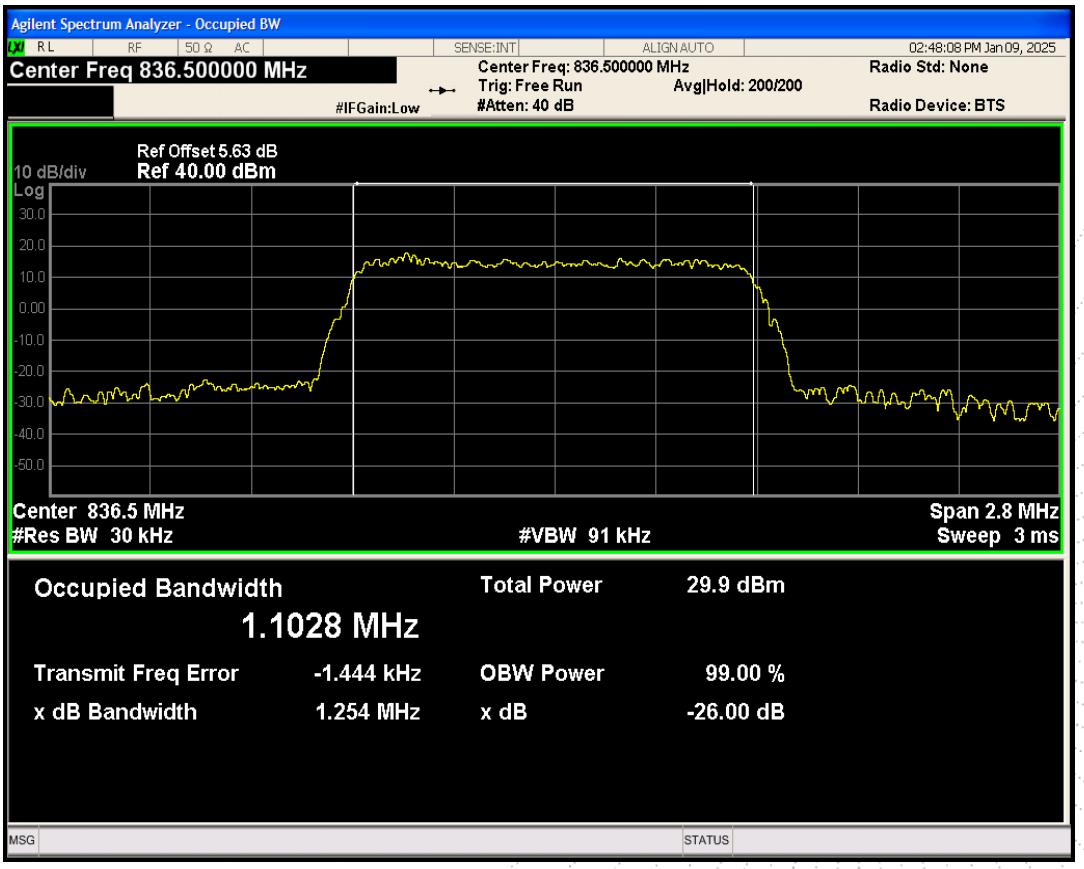
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



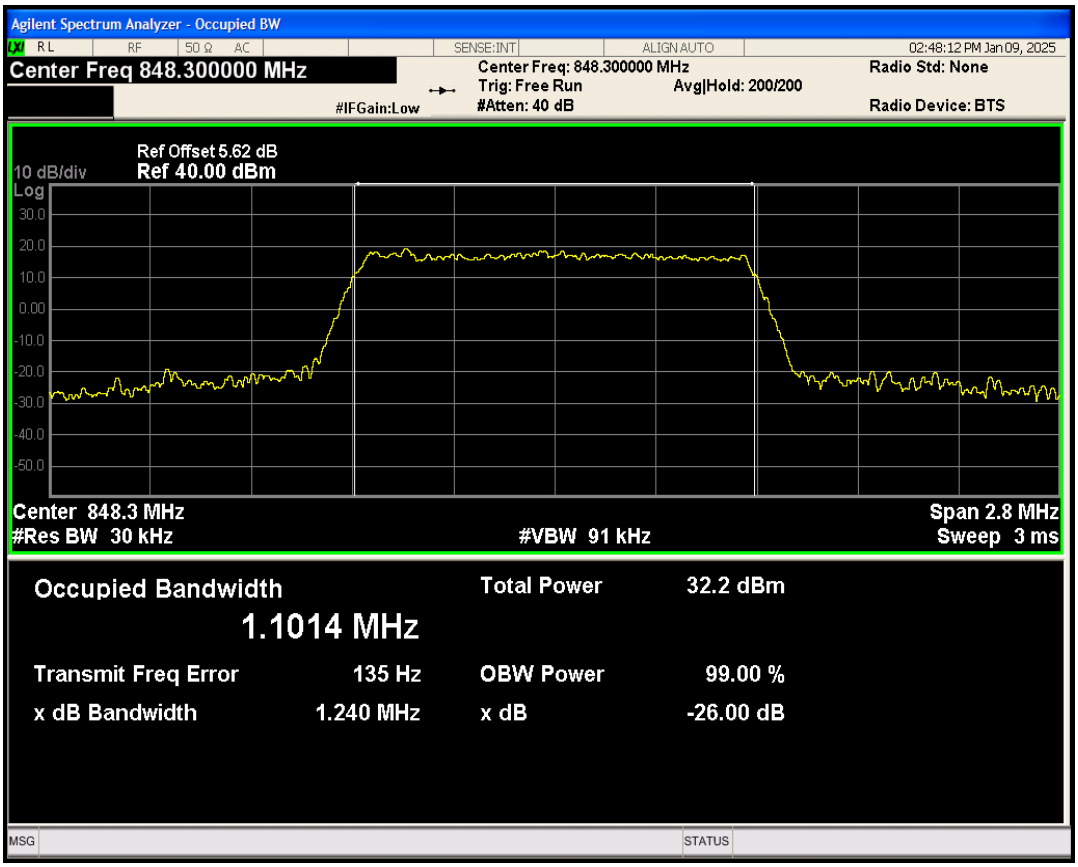
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



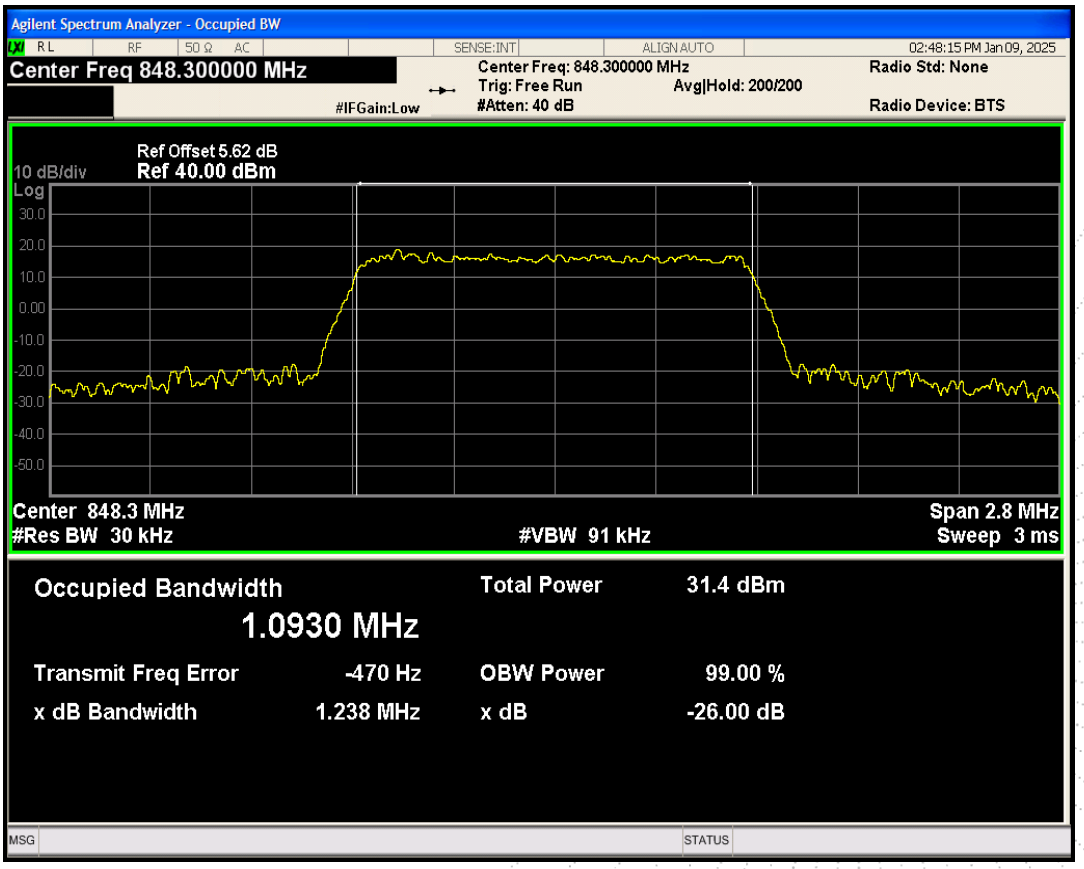
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



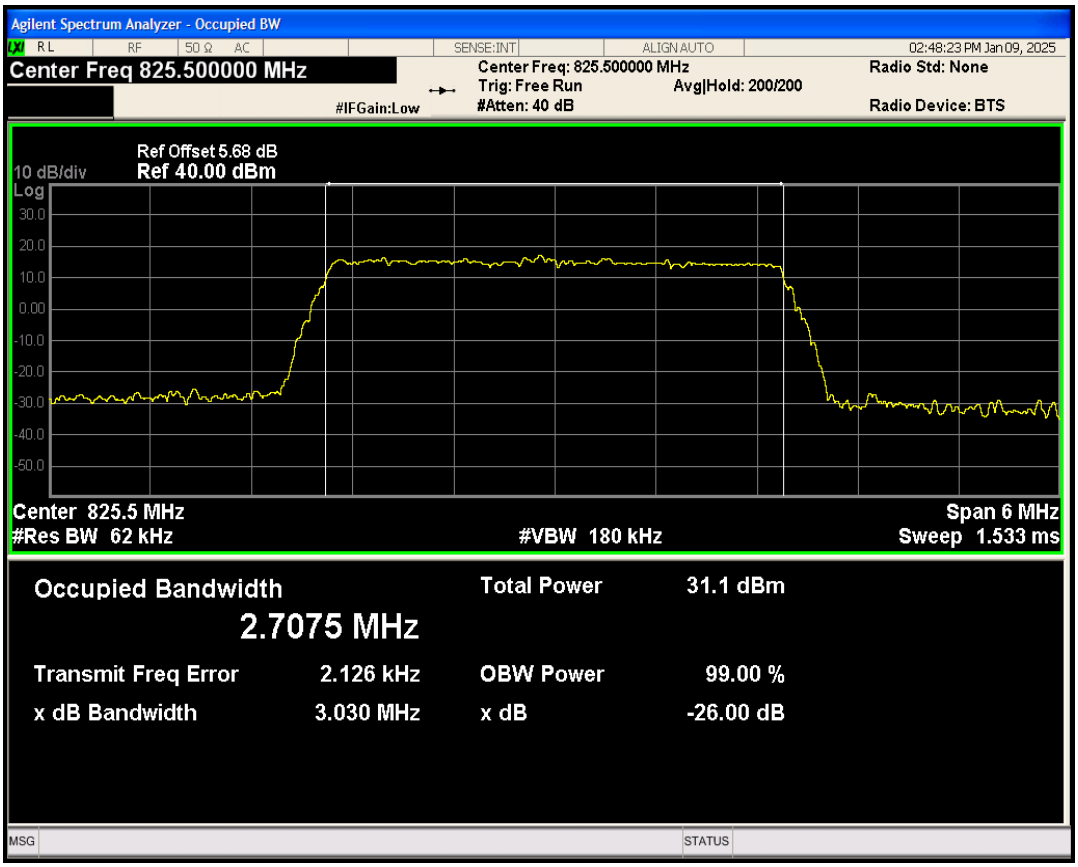
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



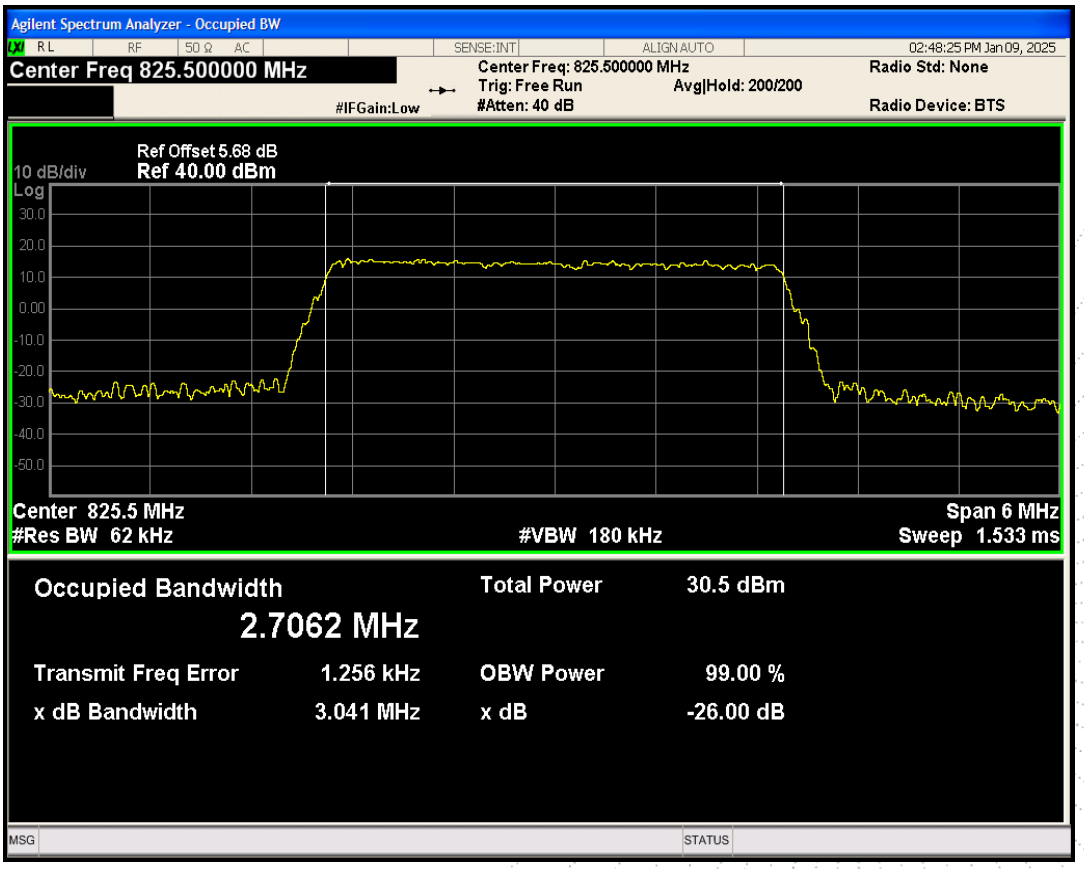
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



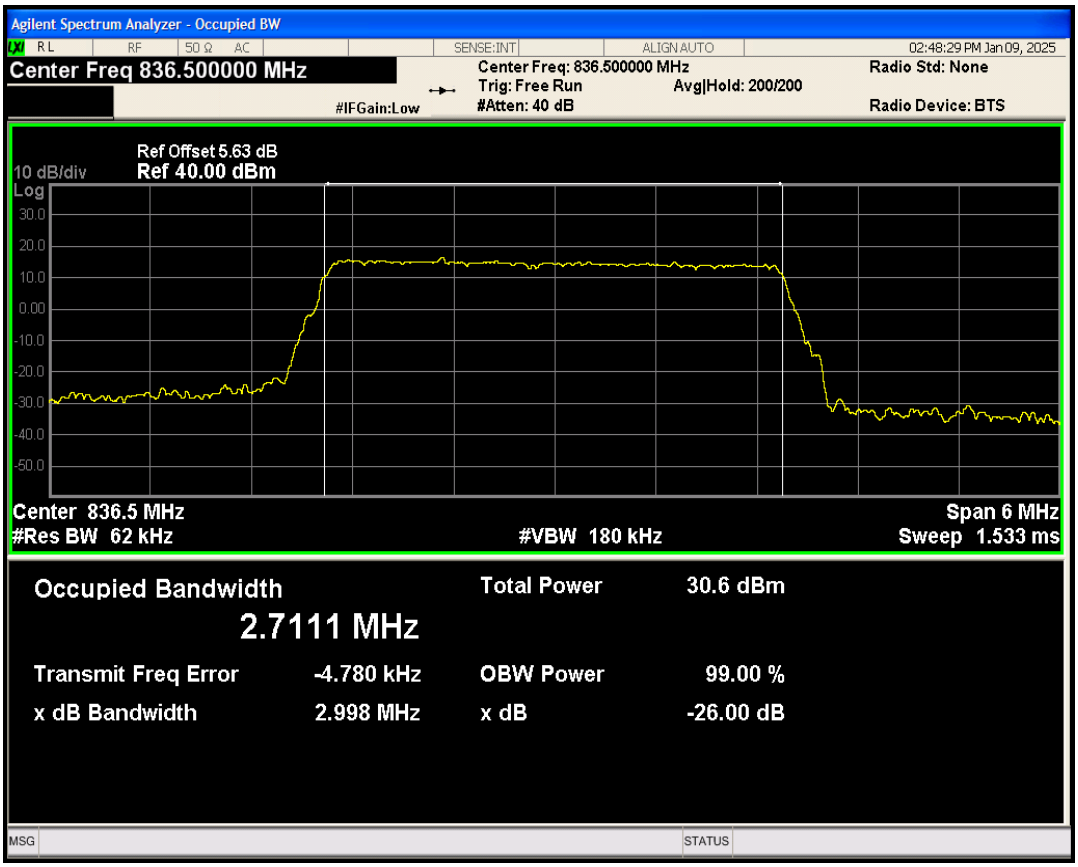
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



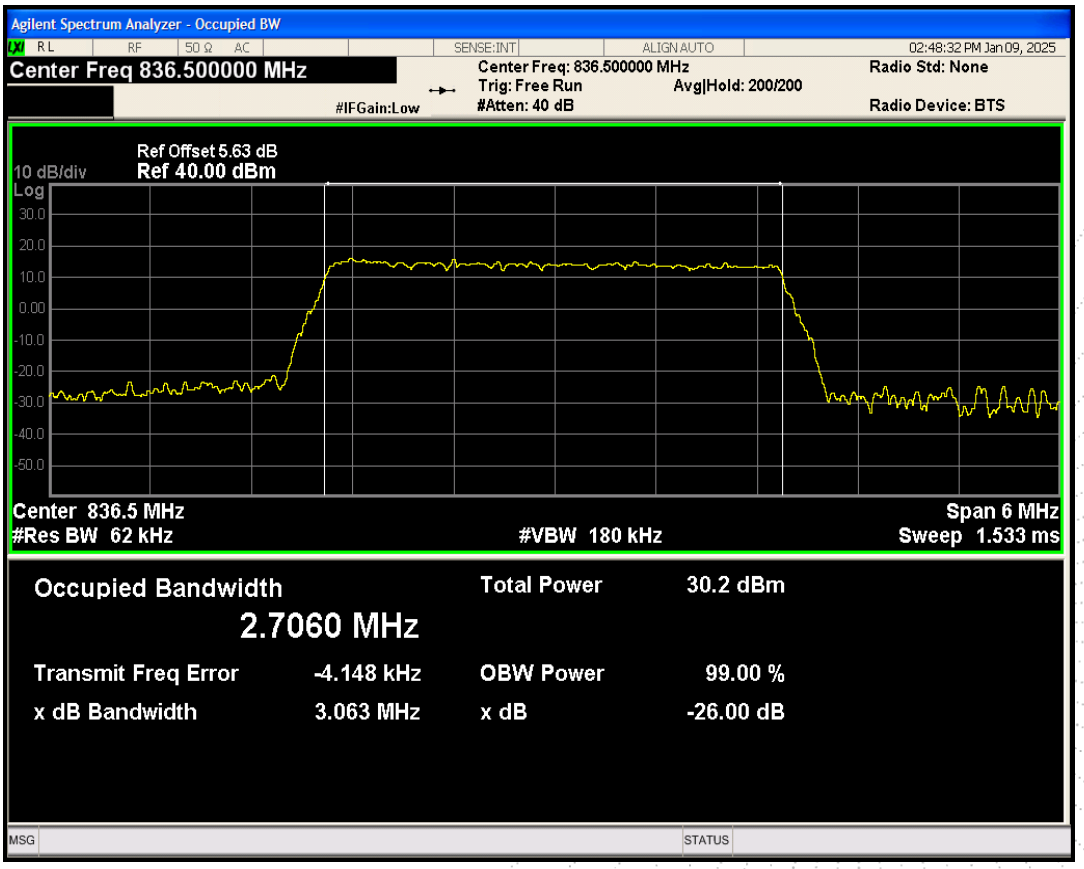
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



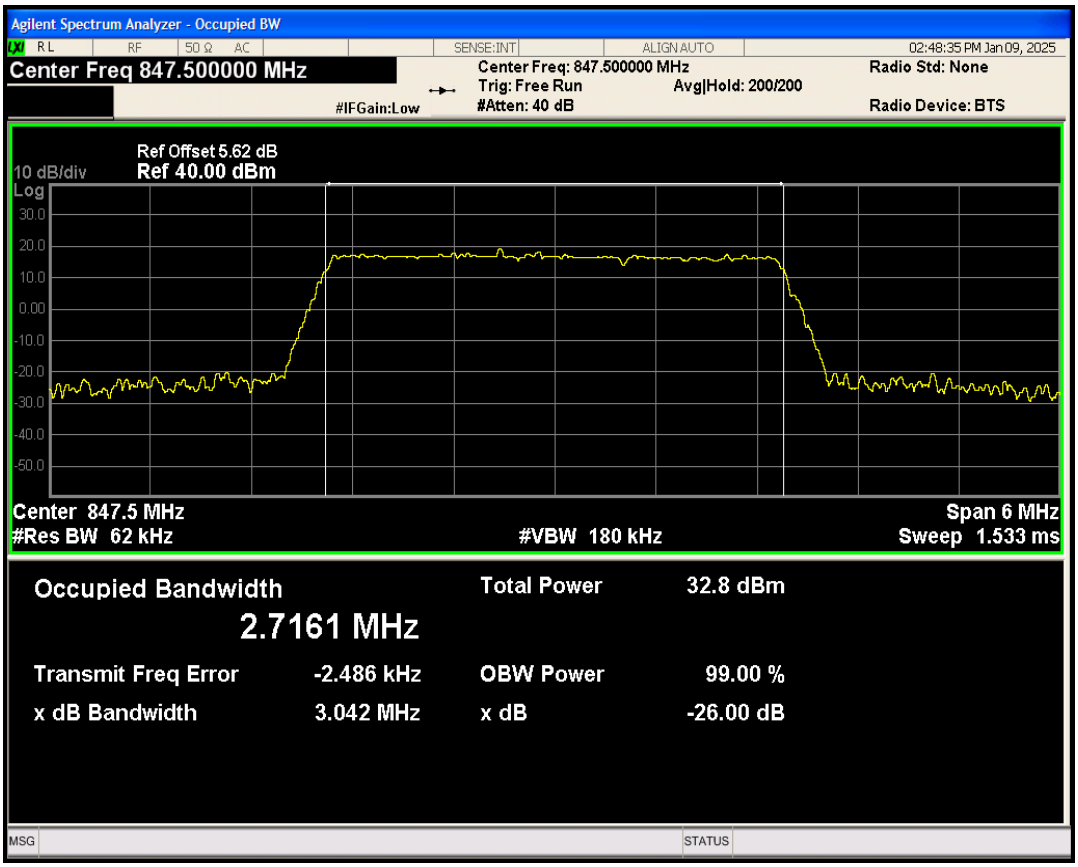
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



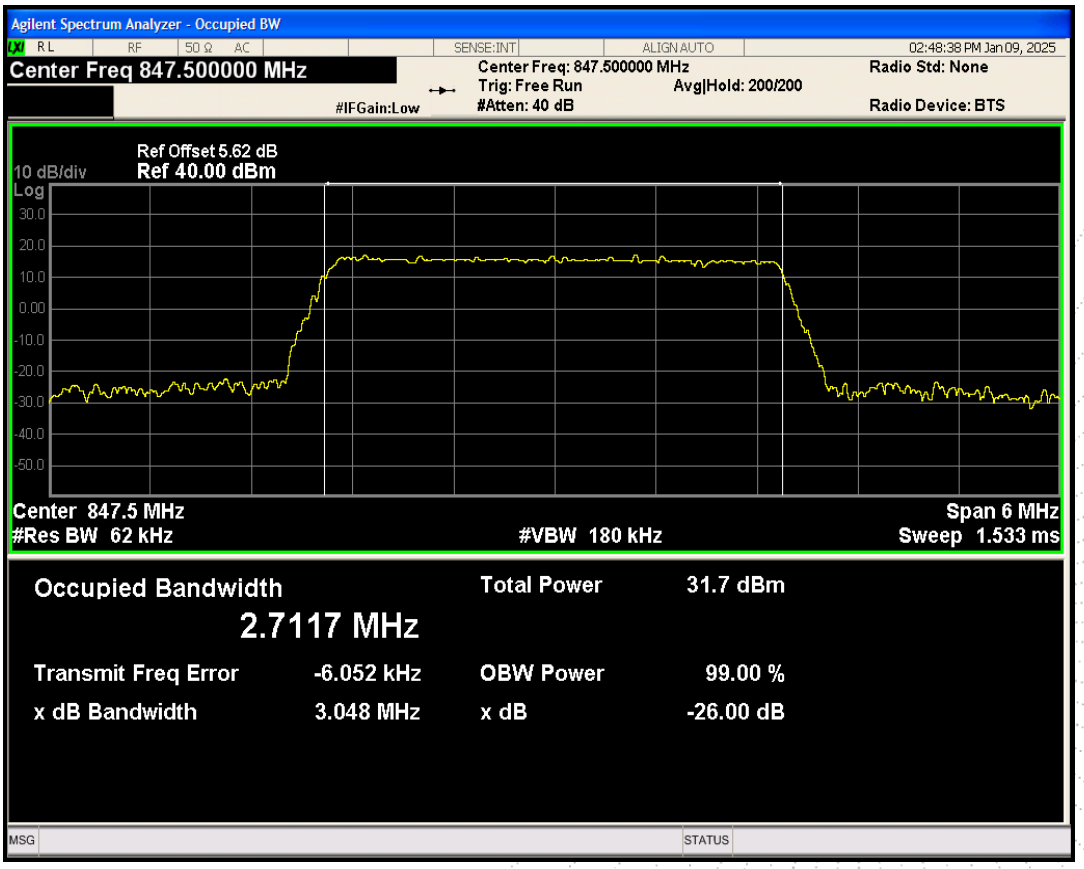
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



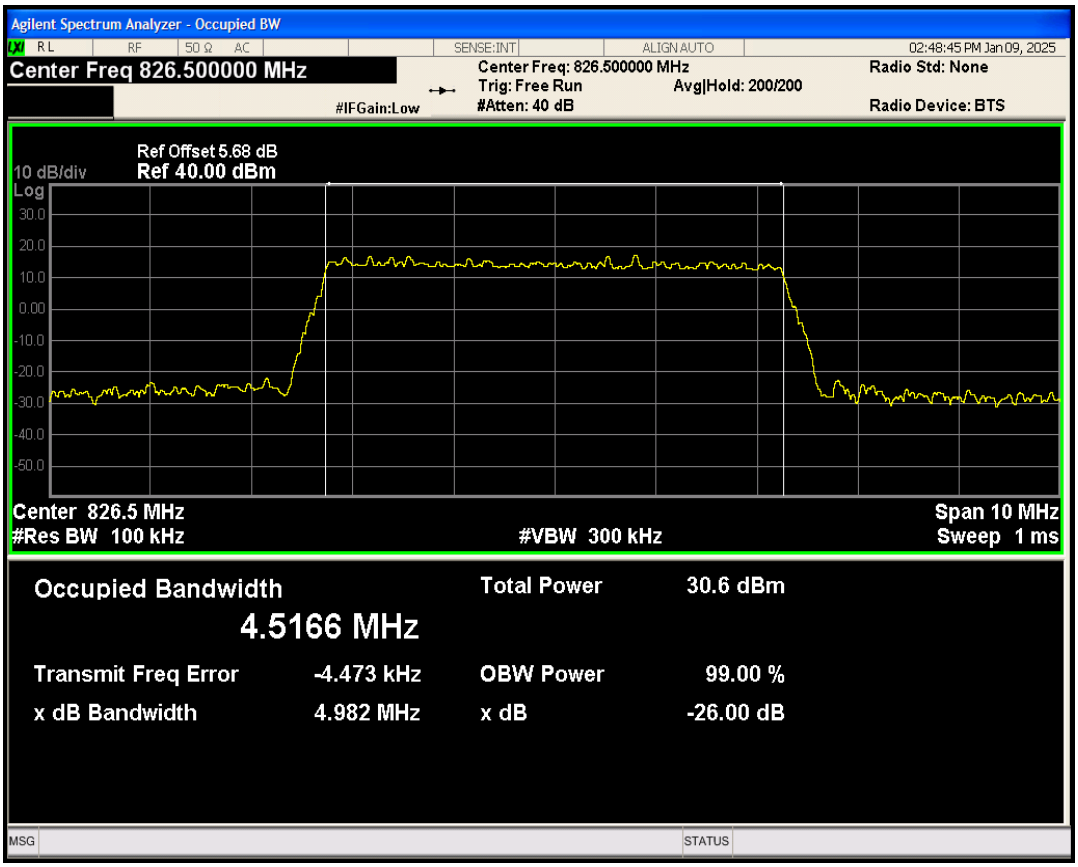
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



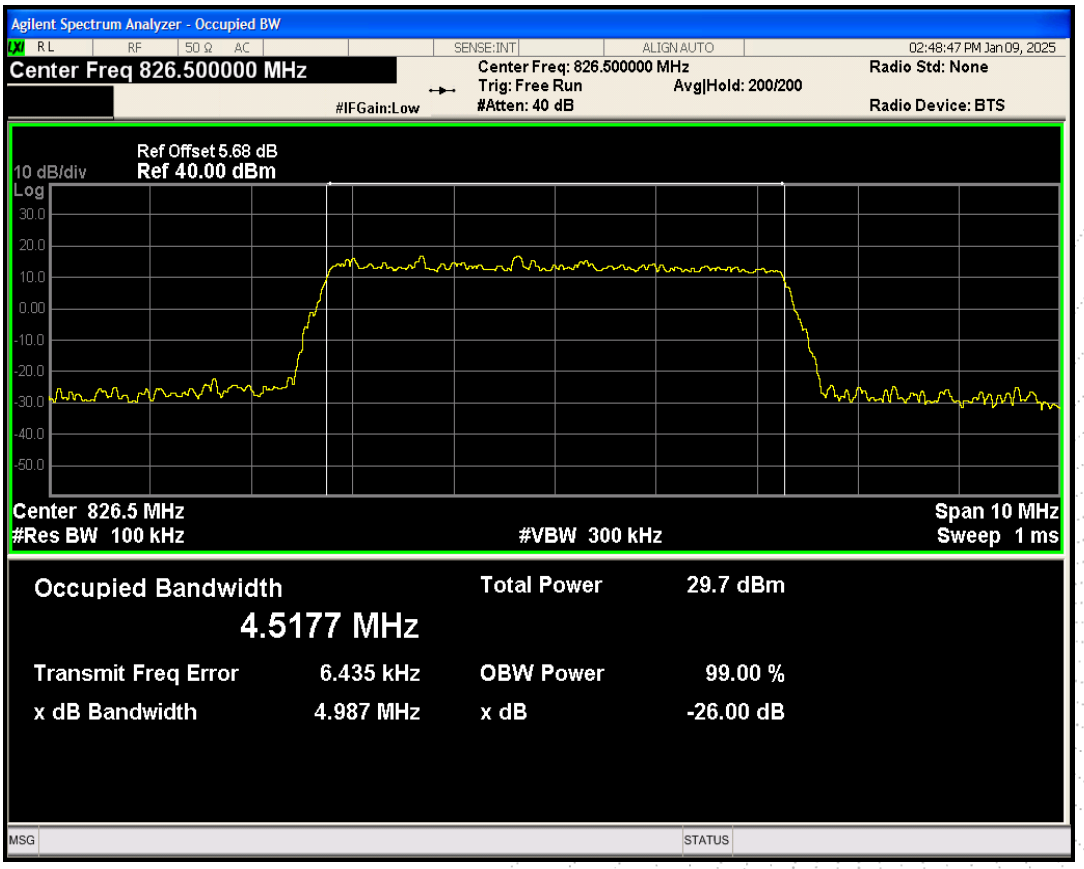
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



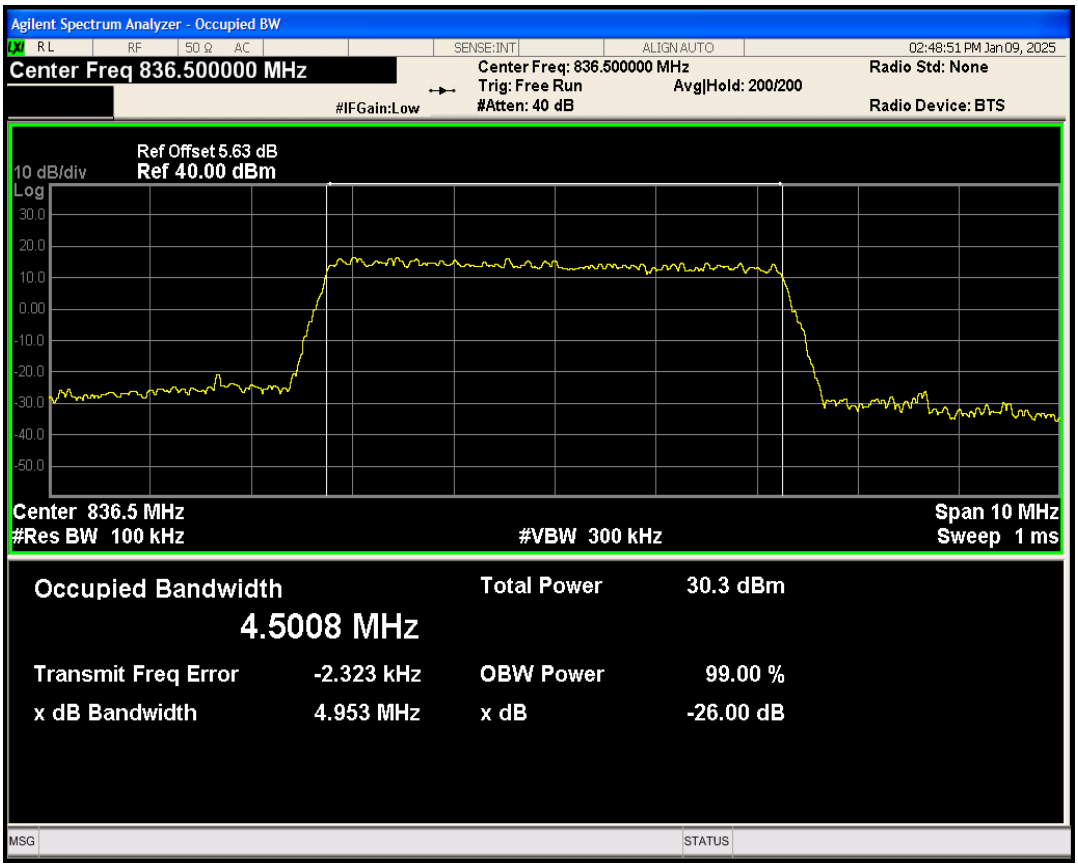
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



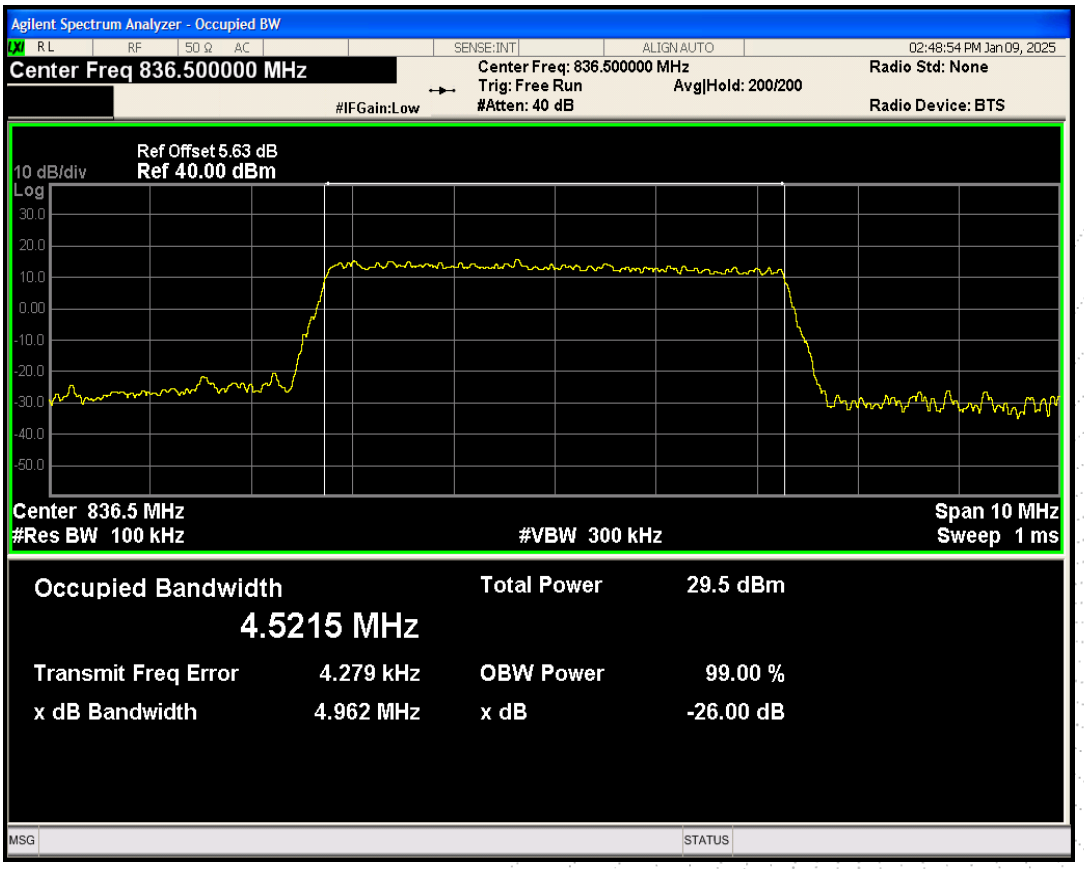
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



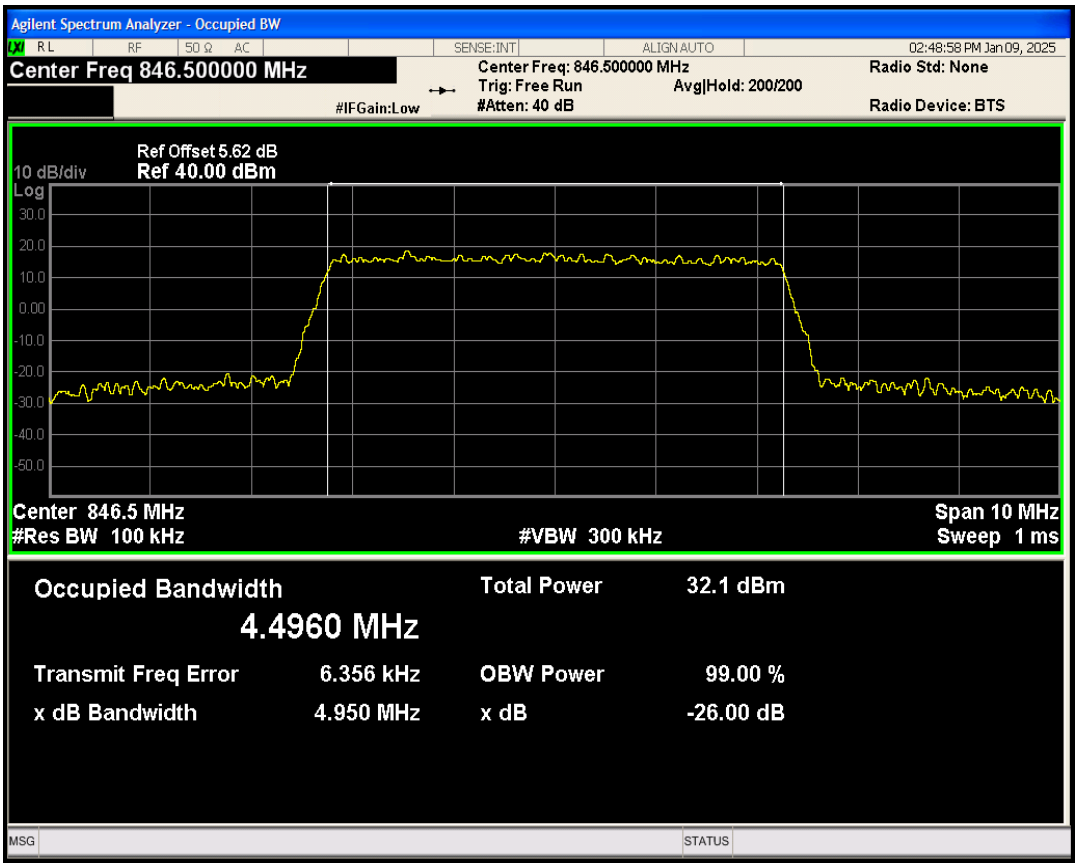
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



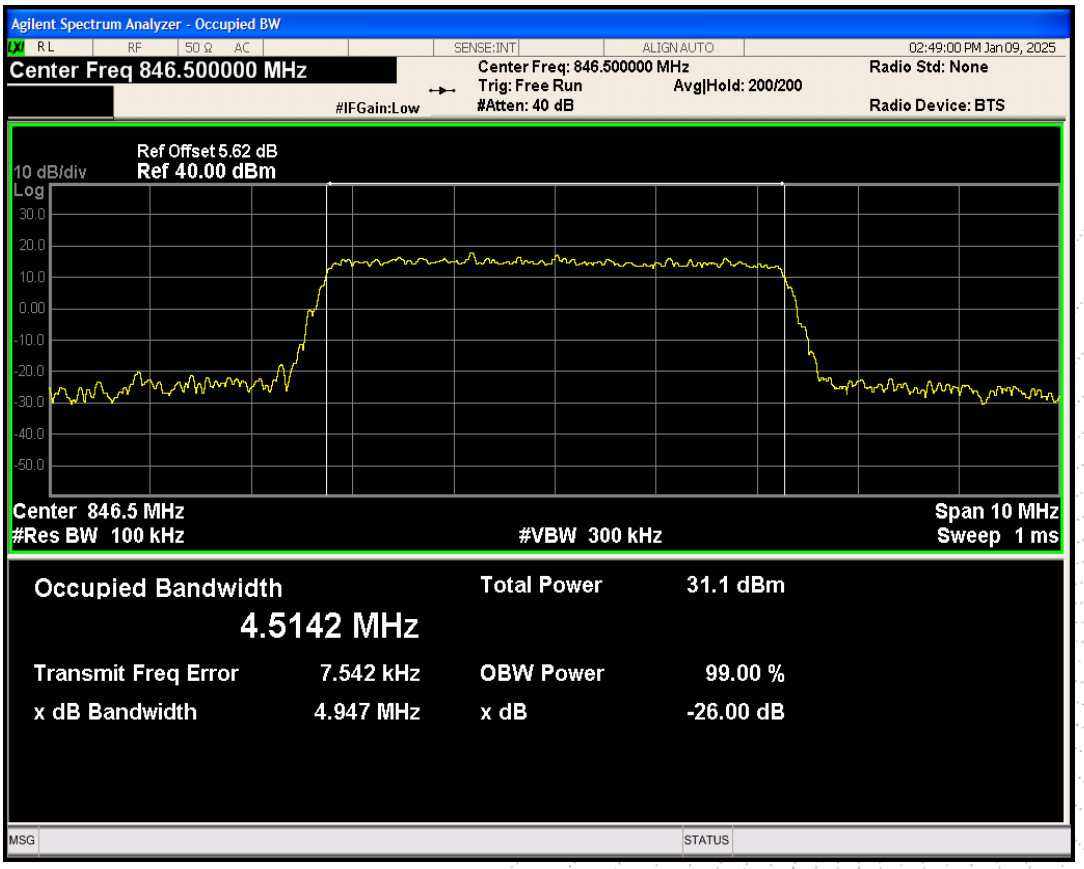
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



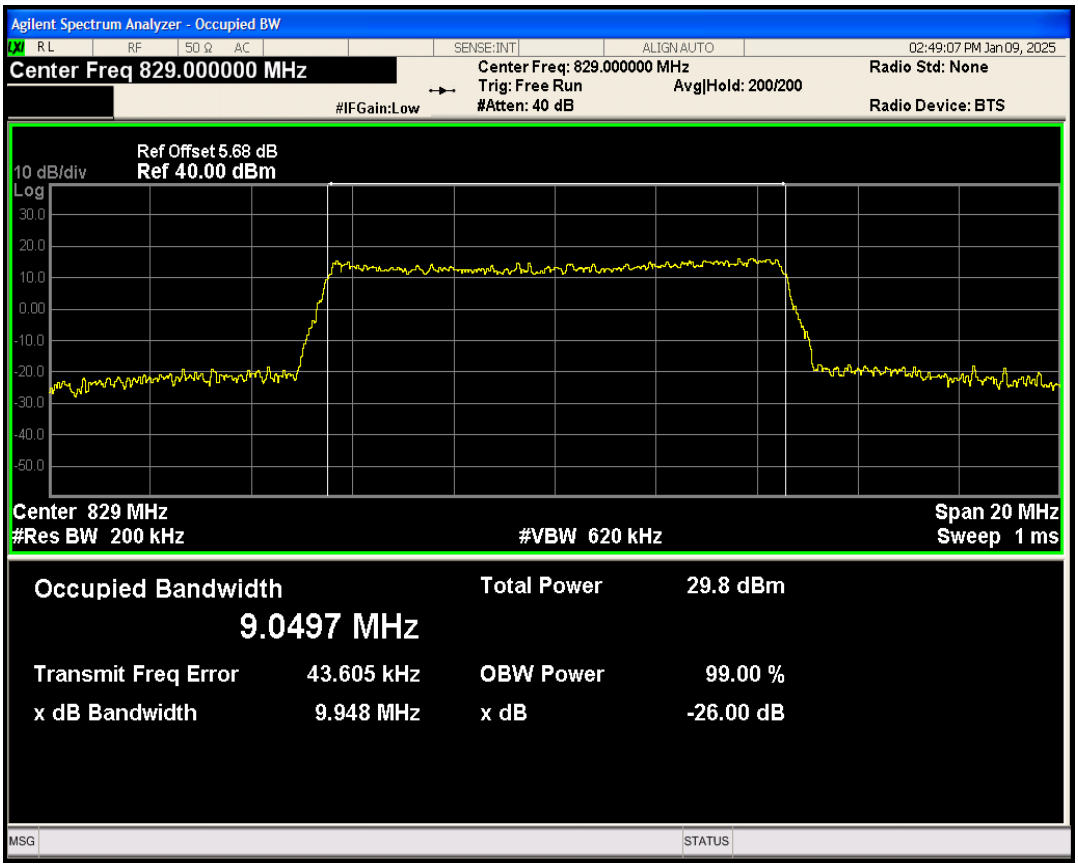
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



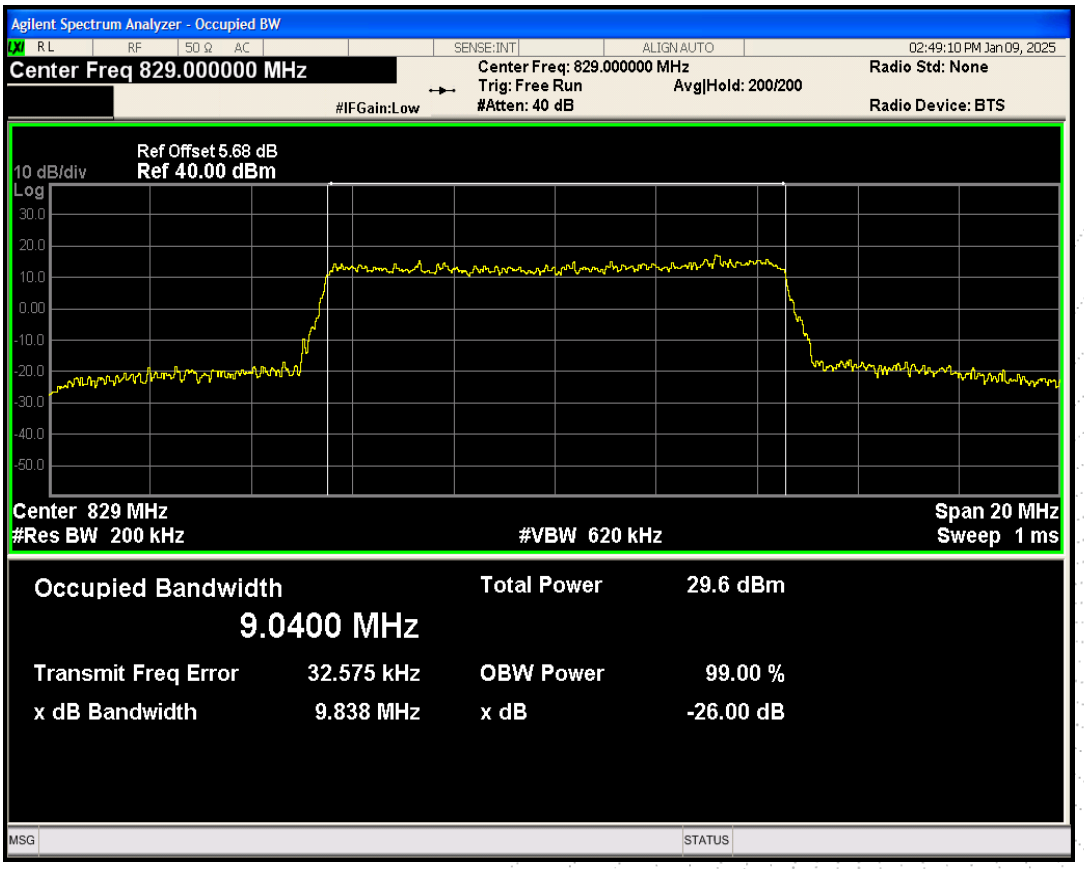
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



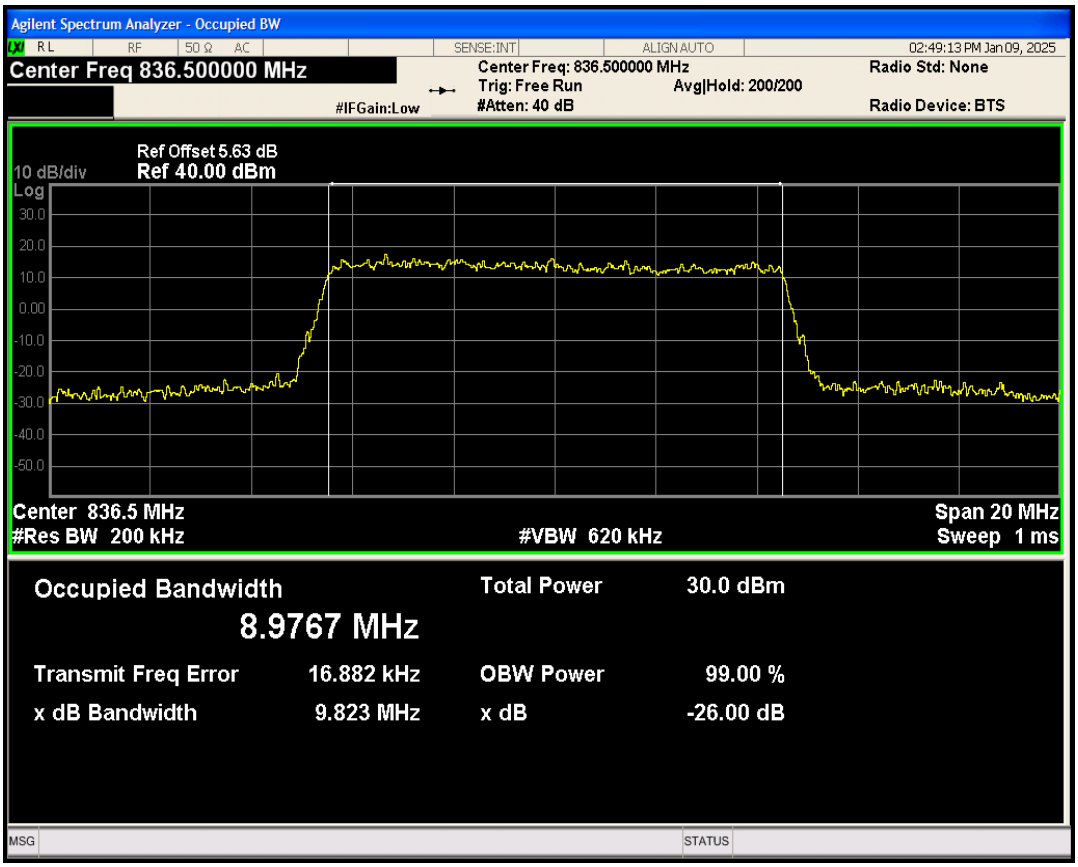
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



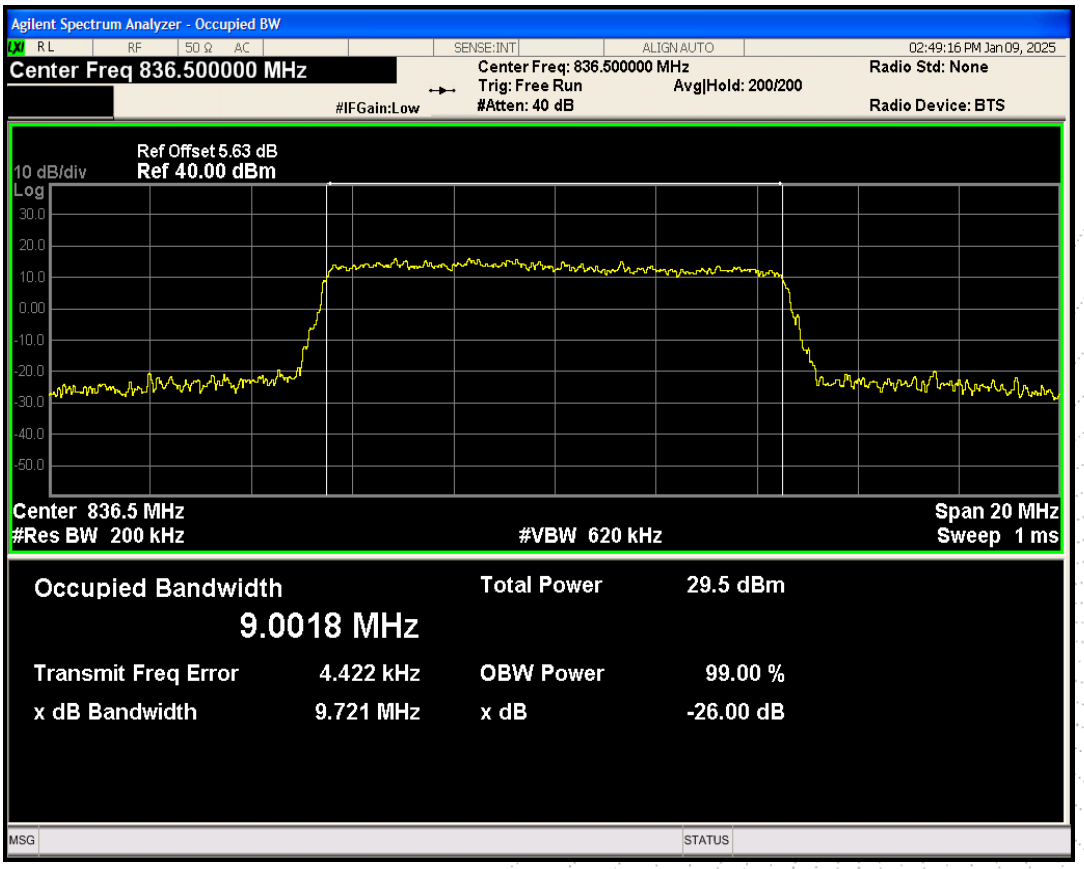
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



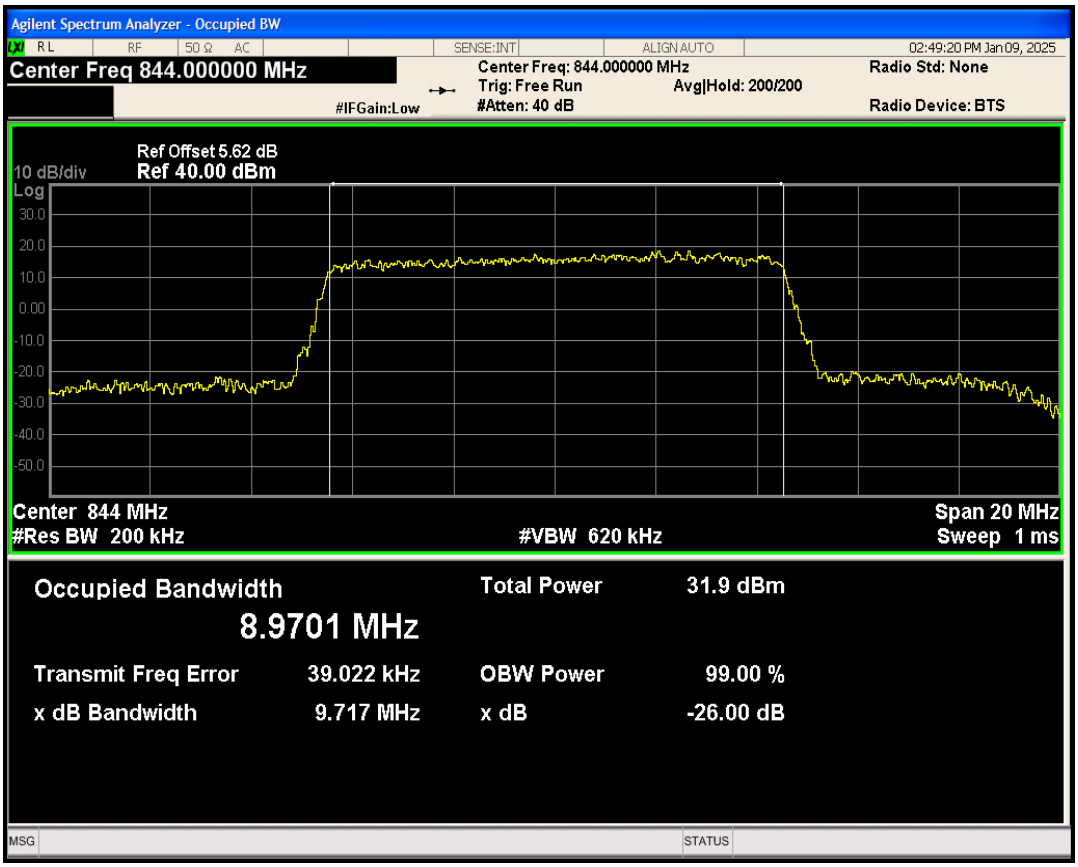
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



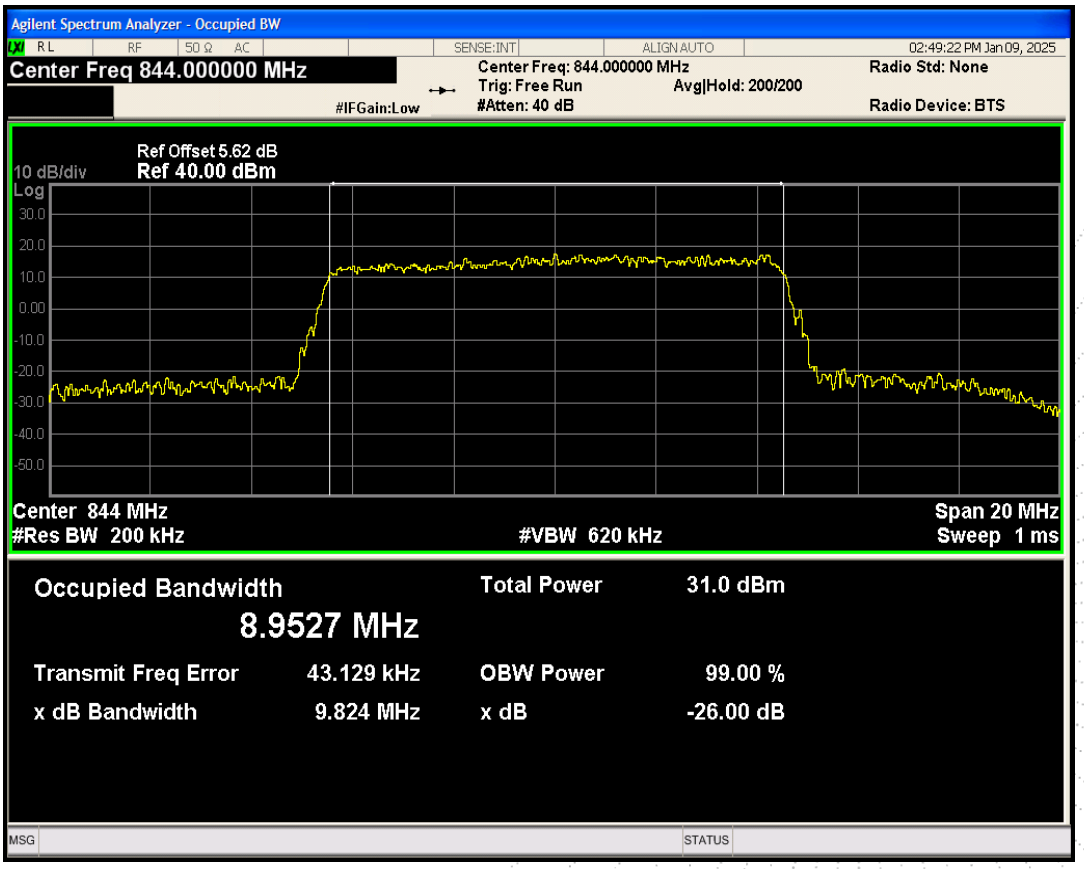
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



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



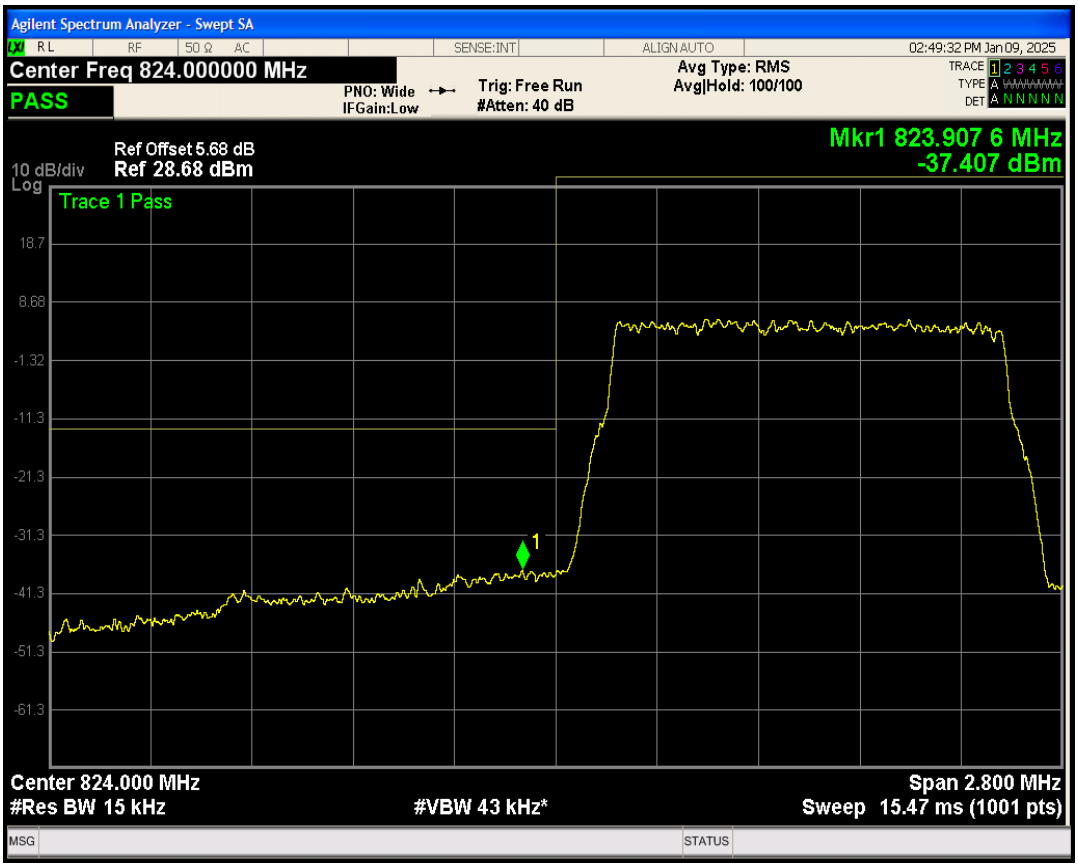
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



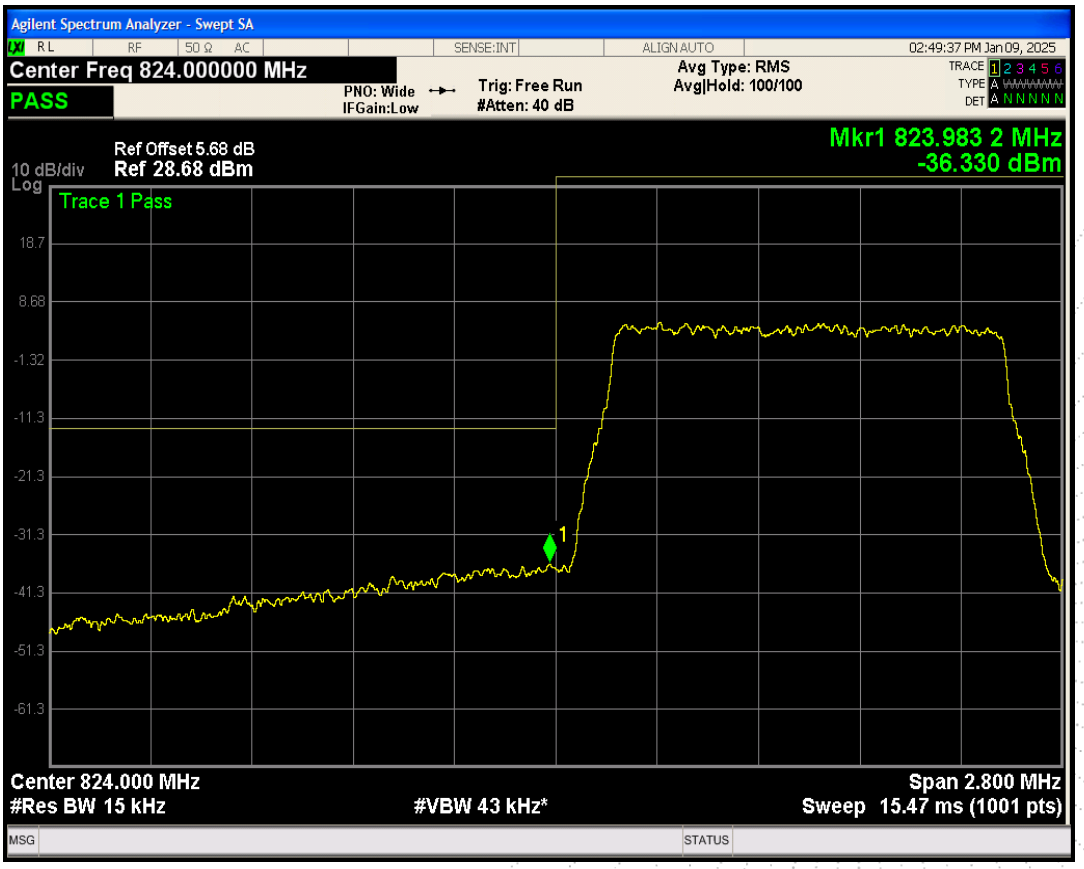
Appendix 5. Band edge

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	823.91	-37.40	-13	PASS
Band5	1.4	20407	6	#0	16QAM	823.98	-36.32	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.03	-33.95	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.03	-35.19	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-24.99	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-25.31	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-25.23	-13	PASS
Band5	3	20635	15	#0	16QAM	849.01	-24.61	-13	PASS
Band5	5	20425	25	#0	QPSK	823.98	-30.55	-13	PASS
Band5	5	20425	25	#0	16QAM	823.99	-29.26	-13	PASS
Band5	5	20625	25	#0	QPSK	849.02	-30.51	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-31.62	-13	PASS
Band5	10	20450	50	#0	QPSK	823.96	-30.36	-13	PASS
Band5	10	20450	50	#0	16QAM	823.96	-30.94	-13	PASS
Band5	10	20600	50	#0	QPSK	849.02	-31.78	-13	PASS
Band5	10	20600	50	#0	16QAM	849.02	-32.97	-13	PASS

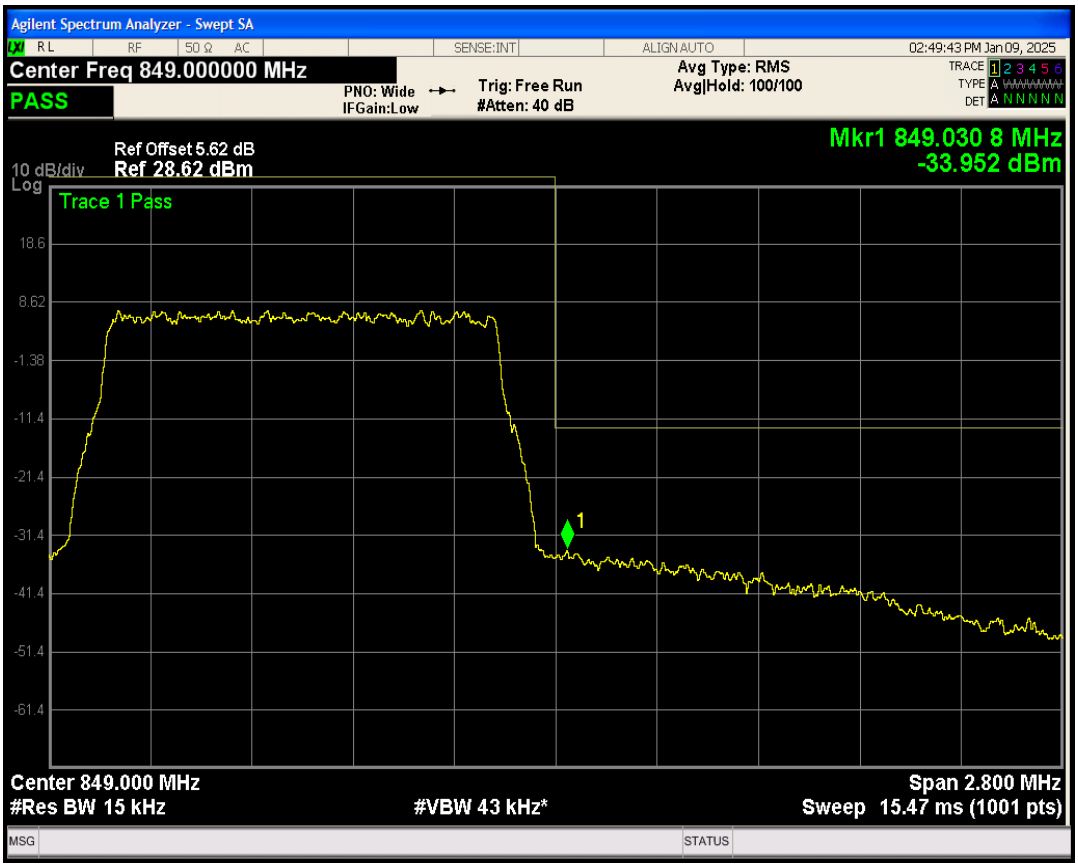
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



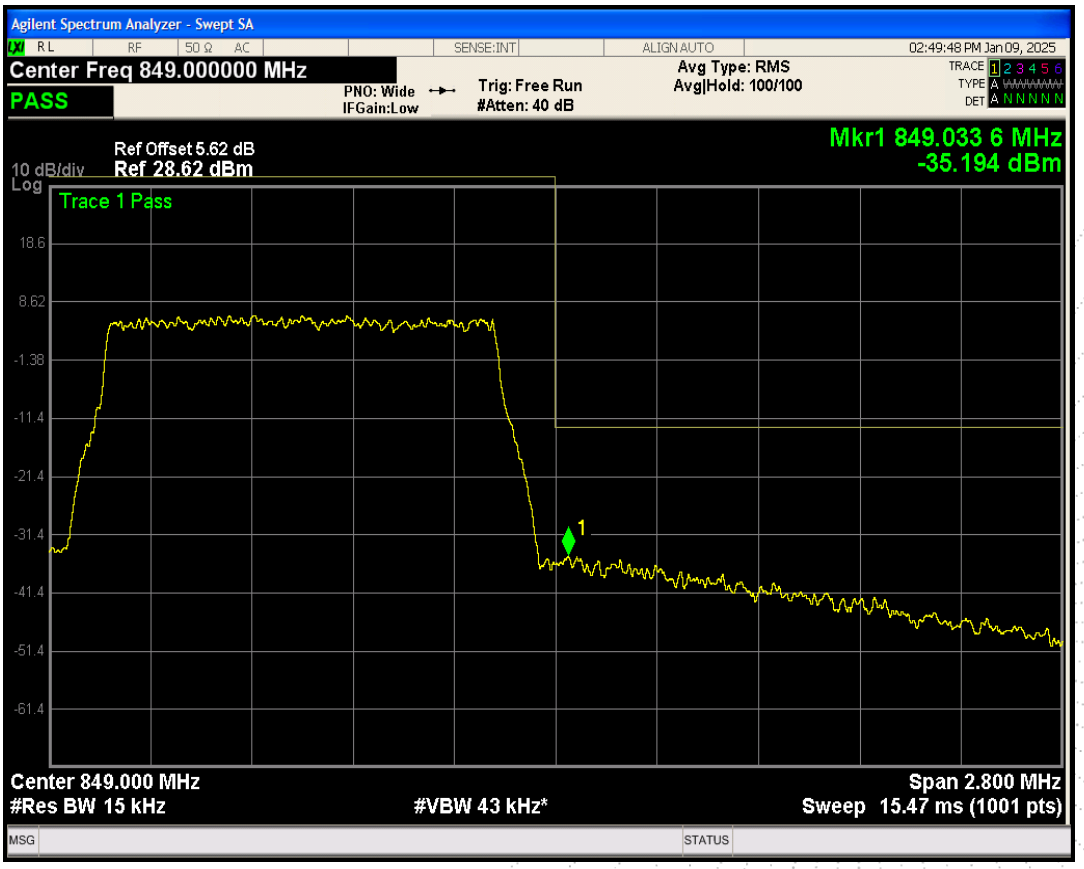
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



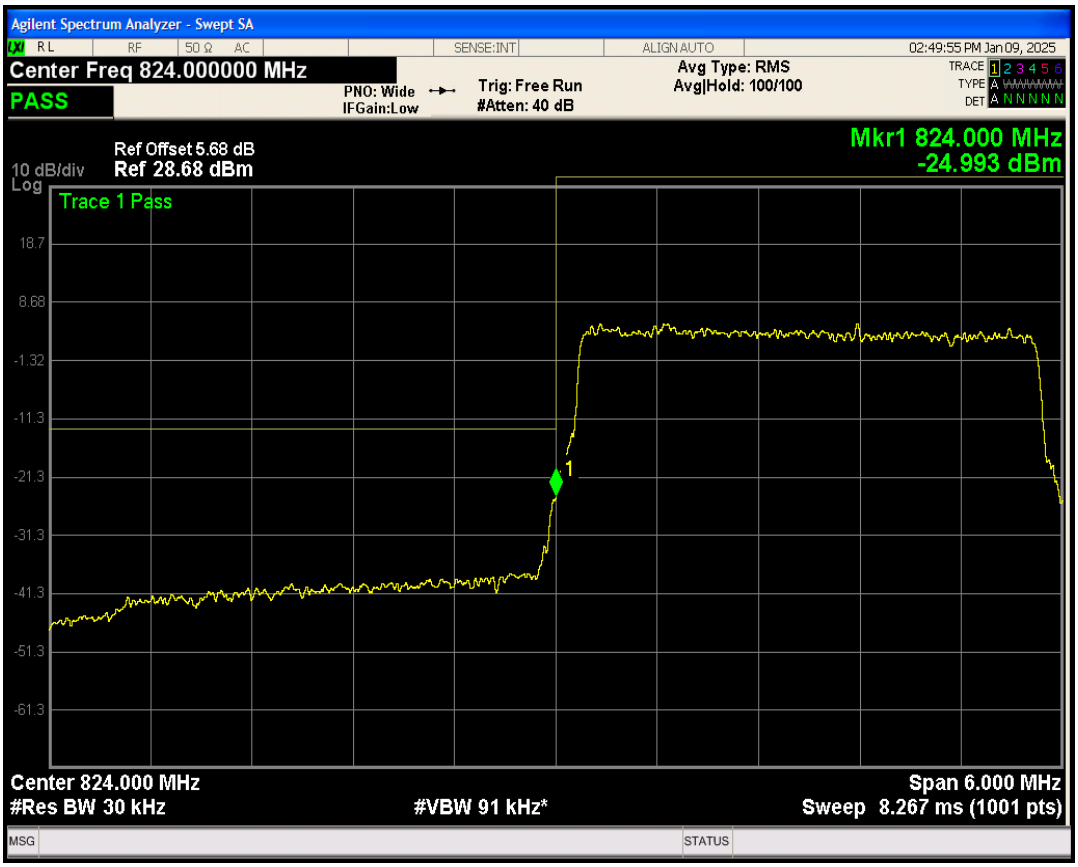
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



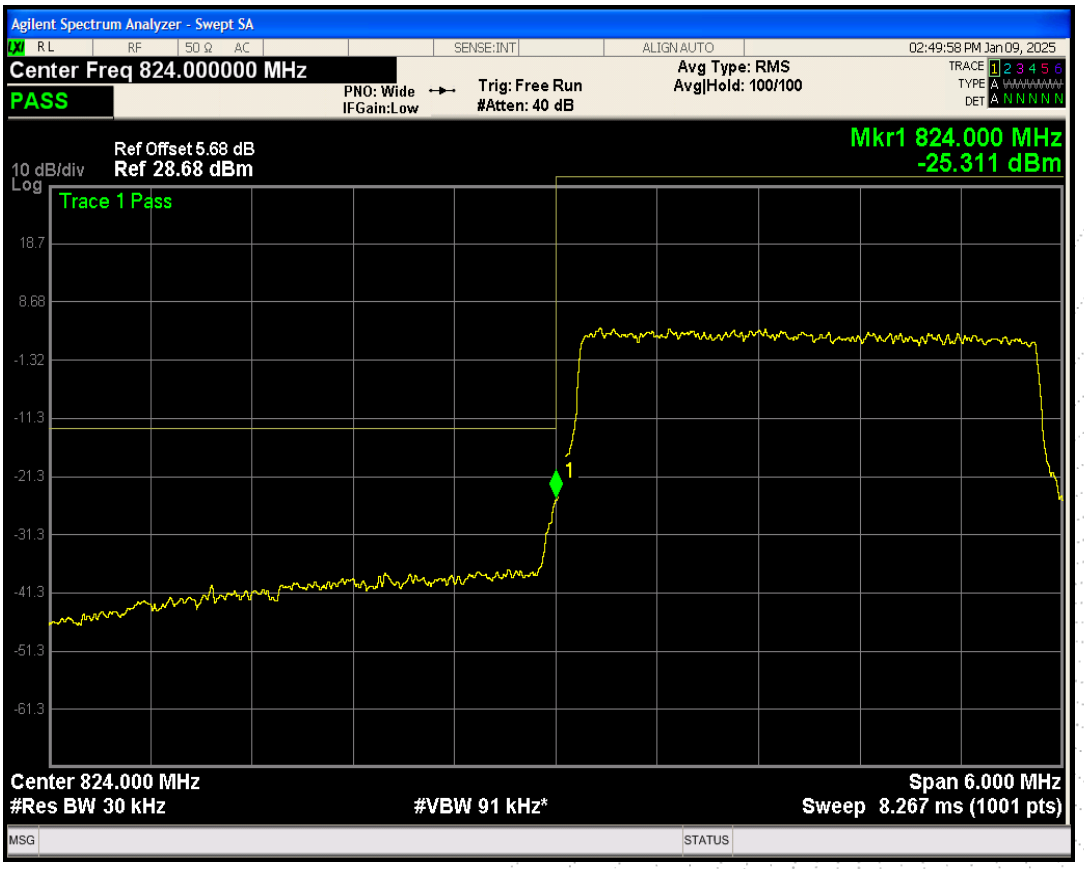
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



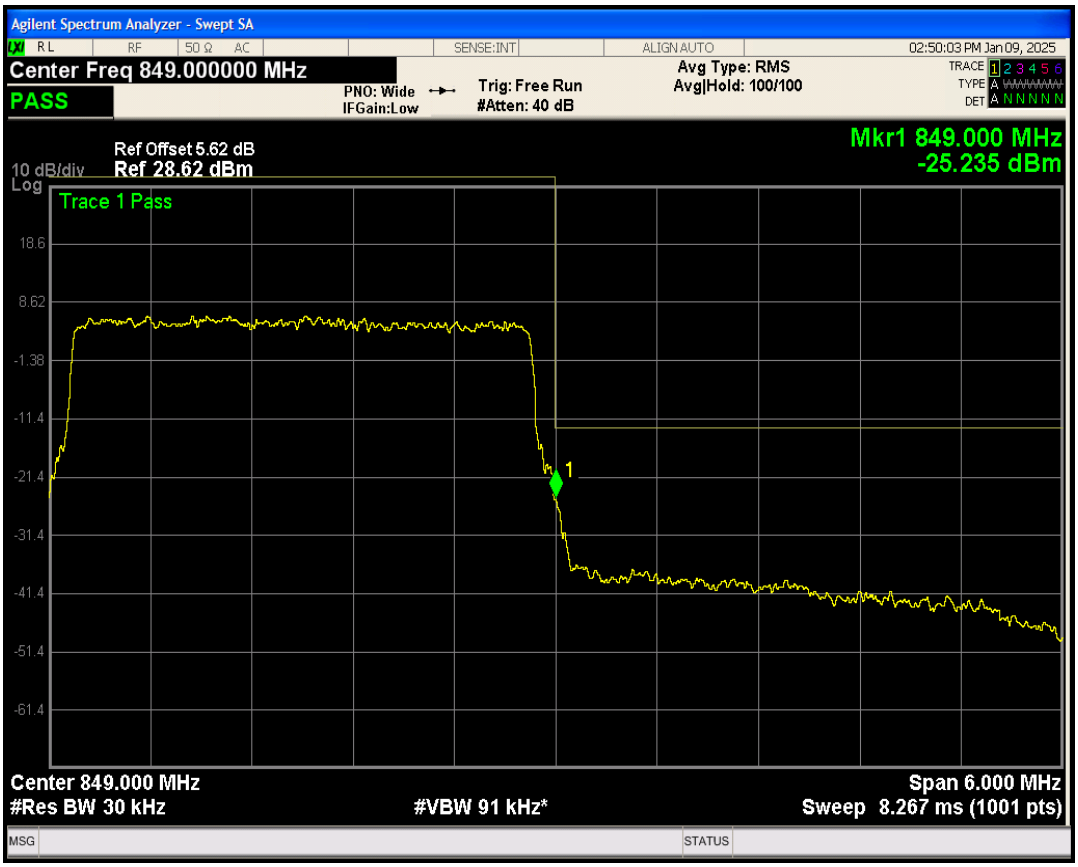
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



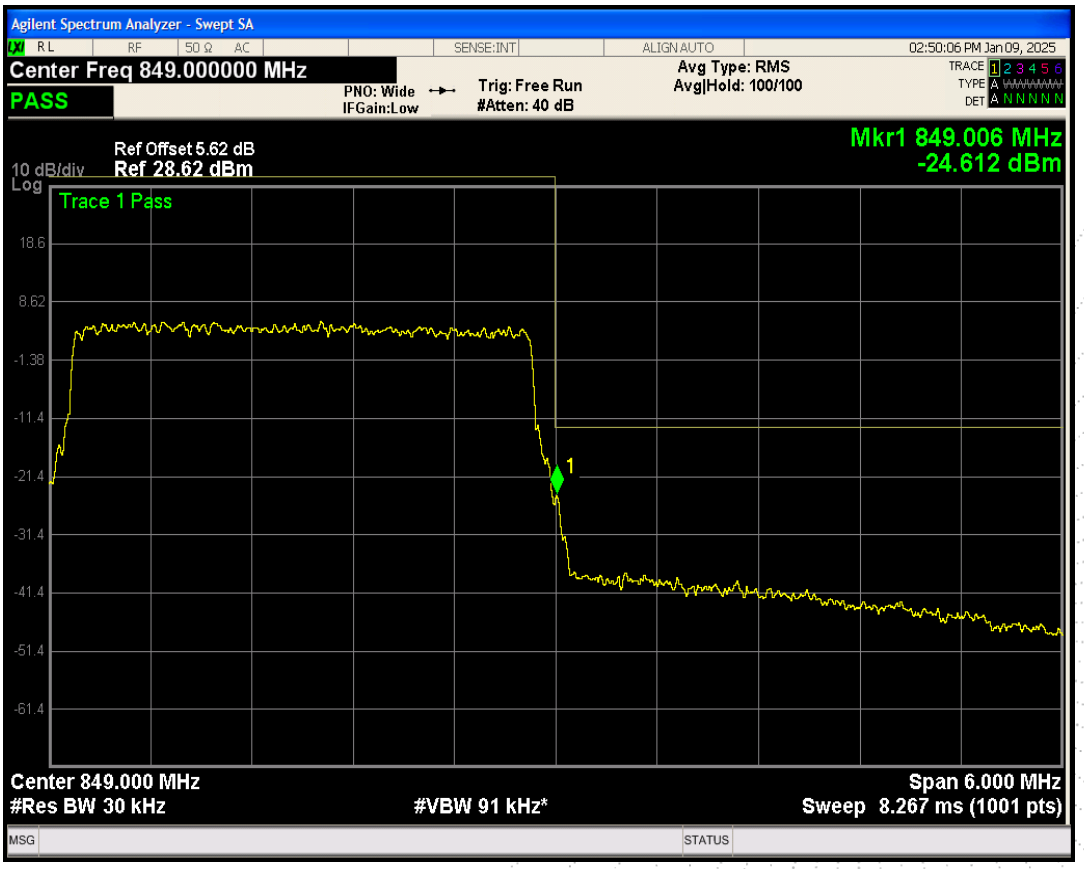
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



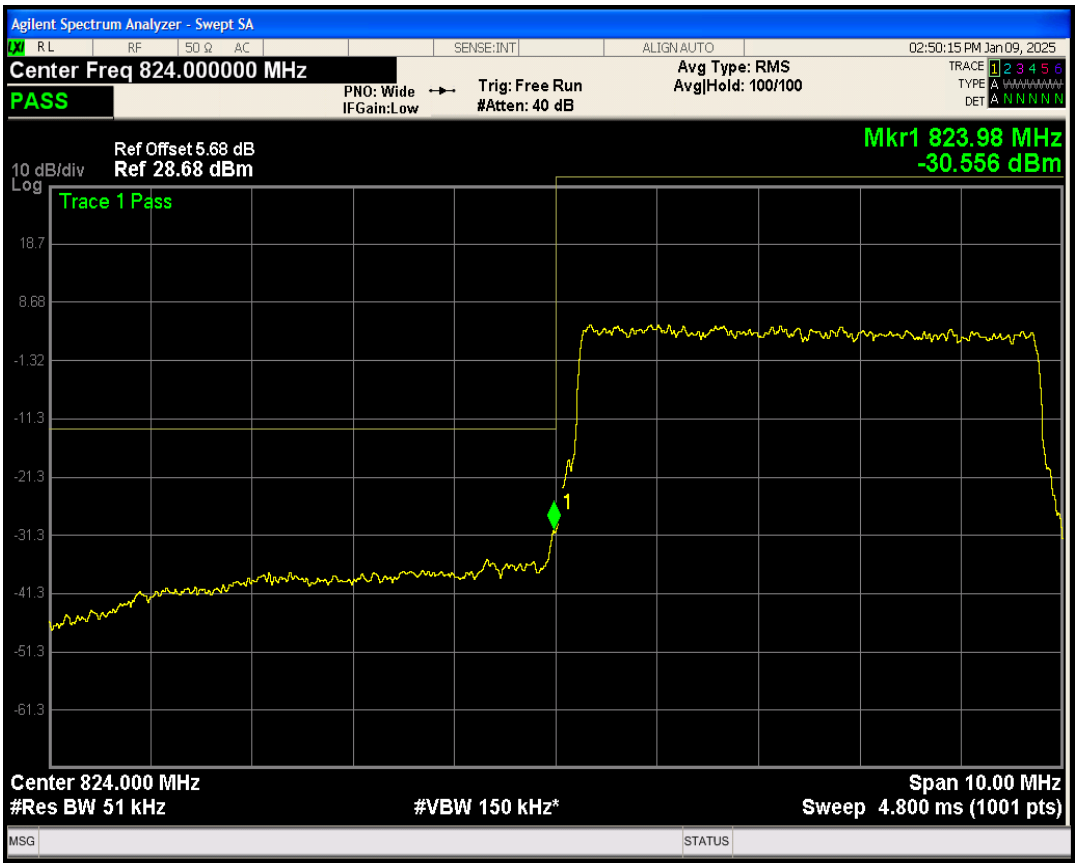
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



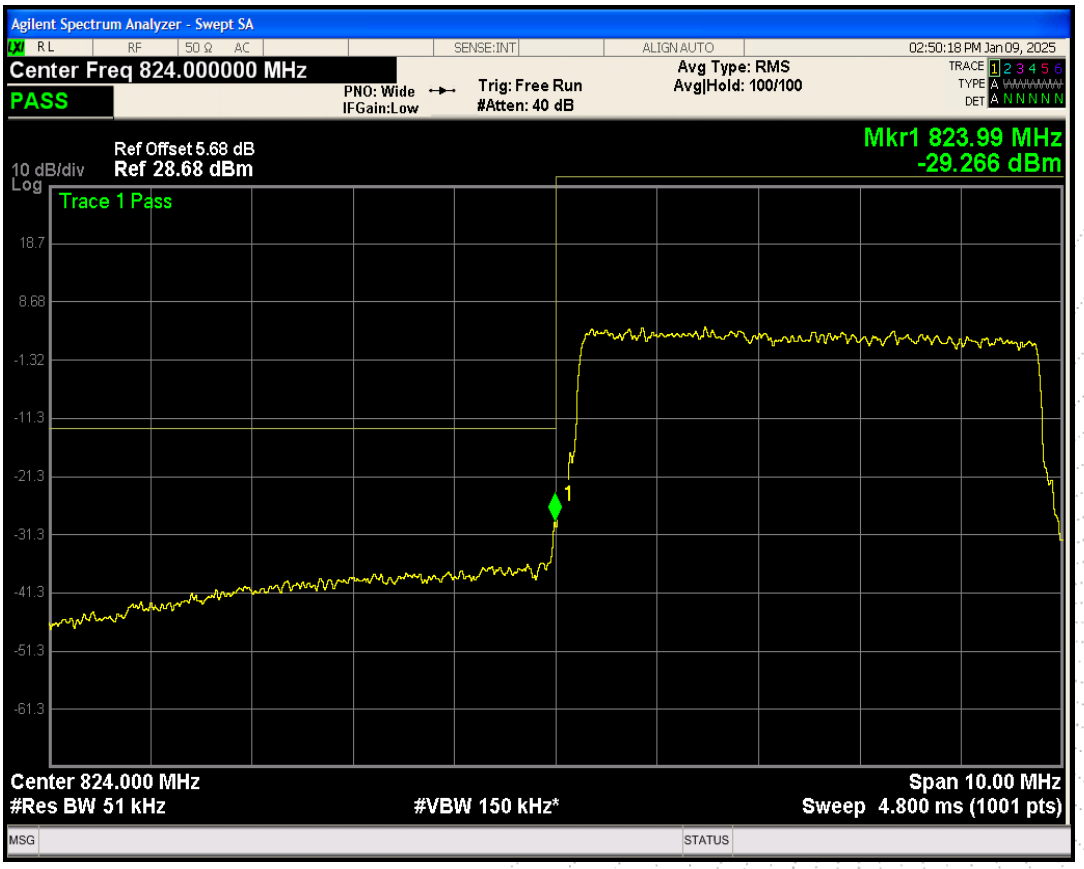
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



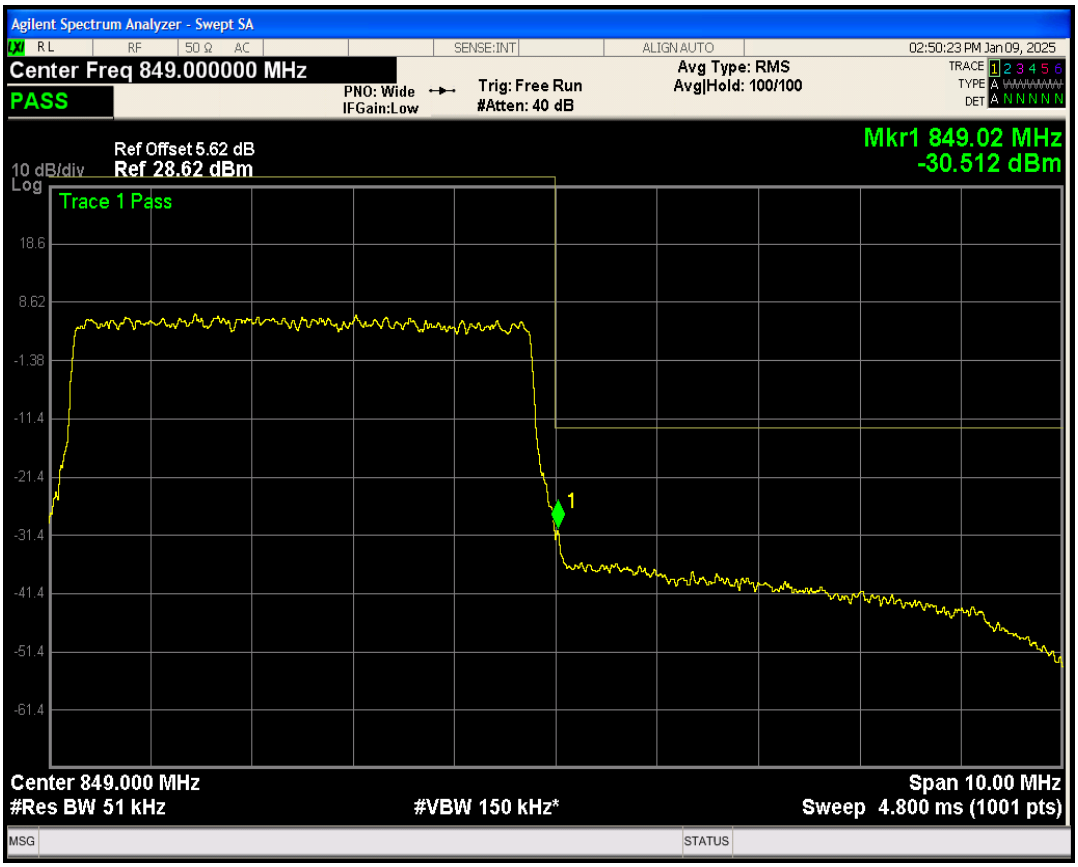
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



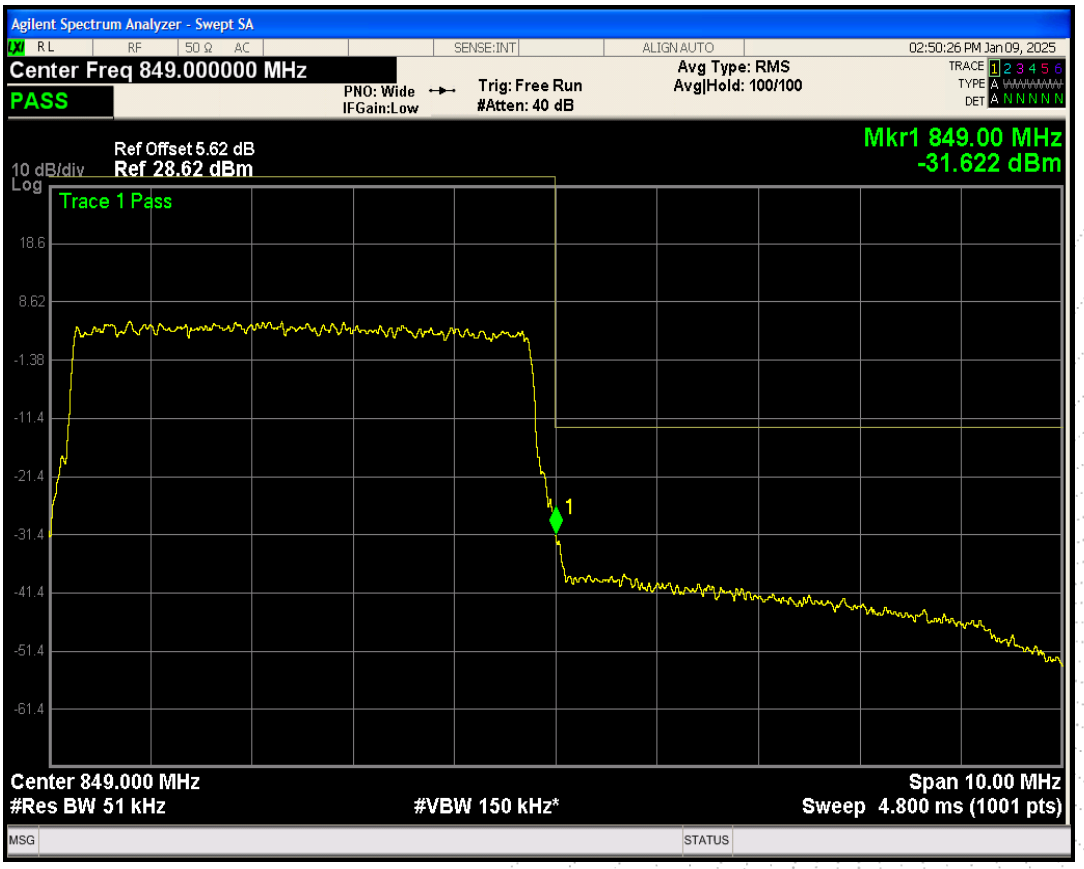
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



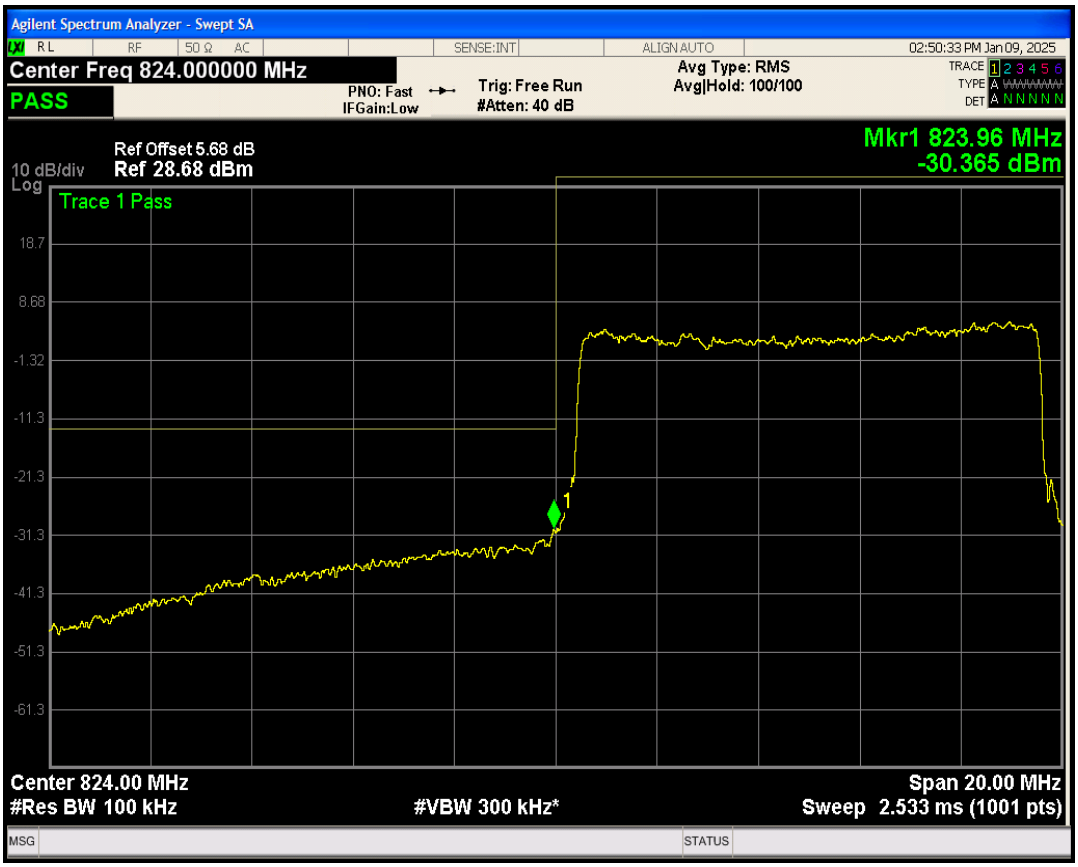
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



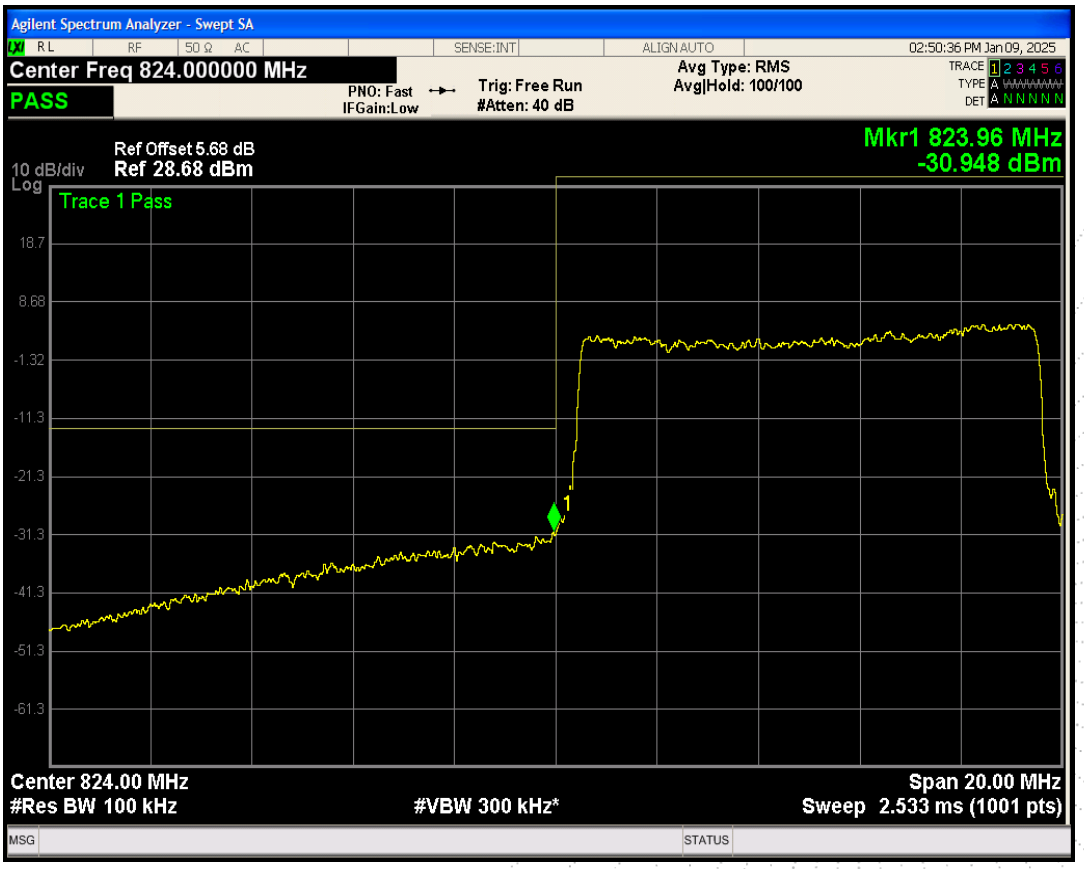
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



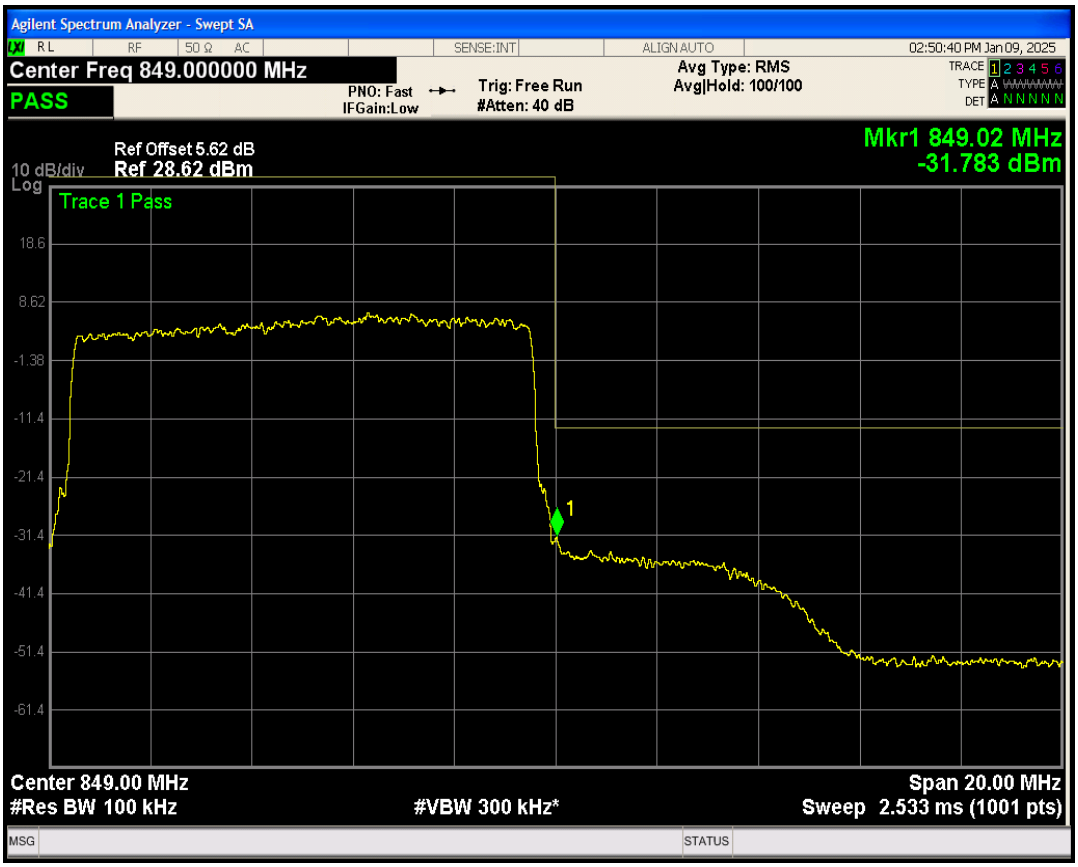
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



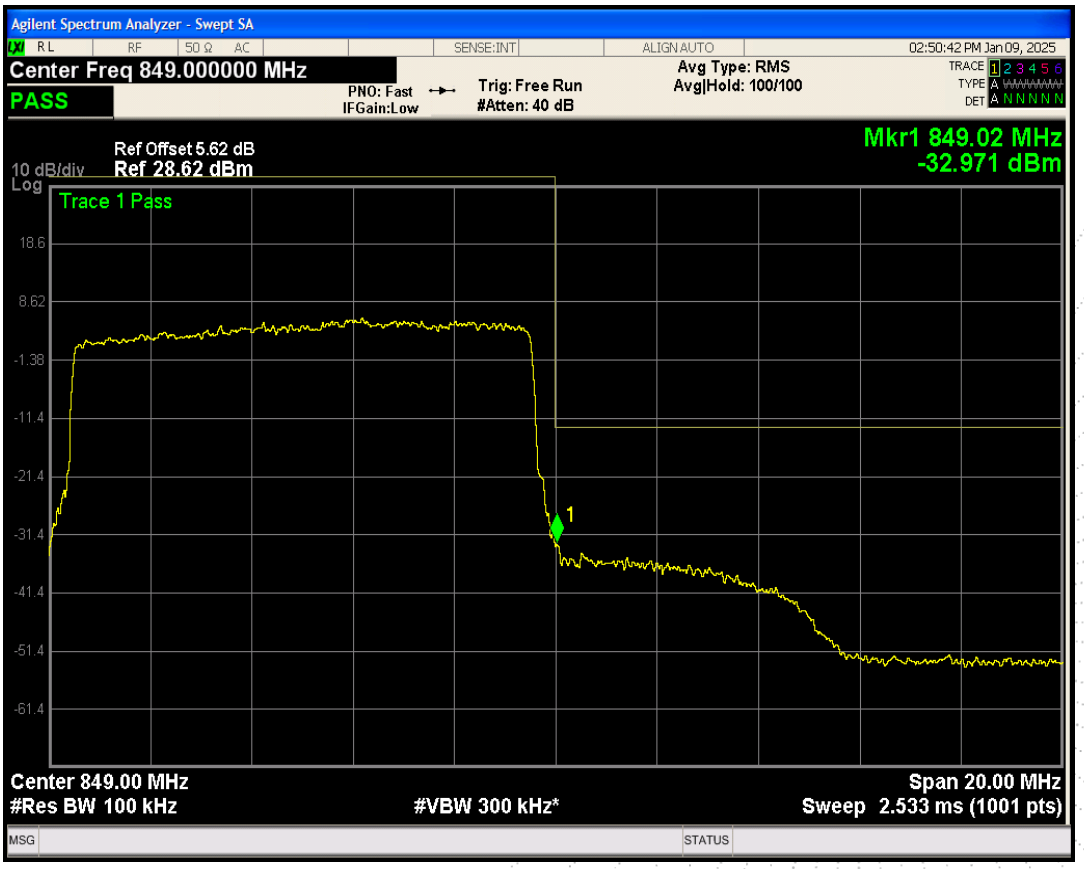
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



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



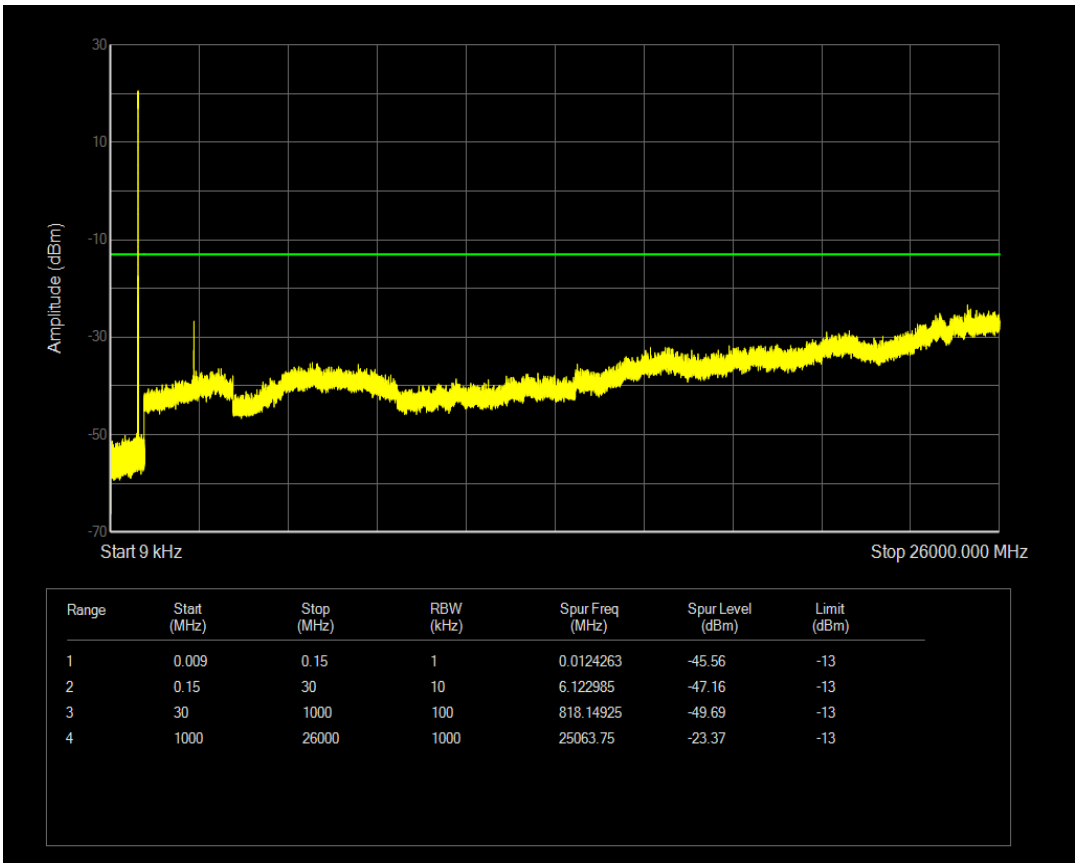
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



Appendix 6. Out-of-band emissions

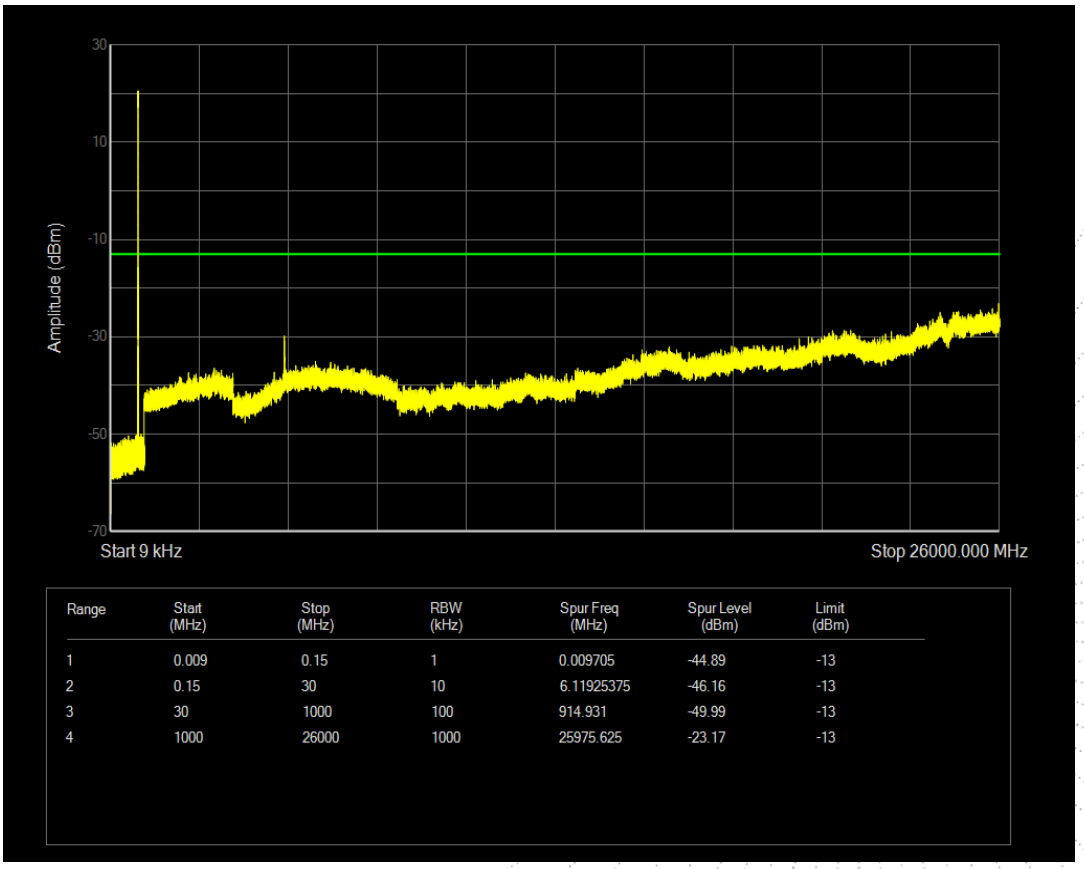
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	25063.75	-23.37	-13	PASS
Band5	1.4	20407	6	#0	16QAM	25975.63	-23.17	-13	PASS
Band5	1.4	20525	6	#0	QPSK	25920.00	-24.18	-13	PASS
Band5	1.4	20525	6	#0	16QAM	25581.88	-23.95	-13	PASS
Band5	1.4	20643	6	#0	QPSK	25315.63	-23.82	-13	PASS
Band5	1.4	20643	6	#0	16QAM	25761.25	-23.36	-13	PASS
Band5	3	20415	15	#0	QPSK	25986.88	-24.01	-13	PASS
Band5	3	20415	15	#0	16QAM	25460.00	-24.06	-13	PASS
Band5	3	20525	15	#0	QPSK	2458.75	-22.78	-13	PASS
Band5	3	20525	15	#0	16QAM	2458.75	-22.23	-13	PASS
Band5	3	20635	15	#0	QPSK	25723.75	-24.17	-13	PASS
Band5	3	20635	15	#0	16QAM	25536.88	-24.48	-13	PASS
Band5	5	20425	25	#0	QPSK	25318.13	-23.94	-13	PASS
Band5	5	20425	25	#0	16QAM	25451.25	-24.17	-13	PASS
Band5	5	20525	25	#0	QPSK	25467.50	-23.97	-13	PASS
Band5	5	20525	25	#0	16QAM	25803.75	-23.65	-13	PASS
Band5	5	20625	25	#0	QPSK	25782.50	-23.49	-13	PASS
Band5	5	20625	25	#0	16QAM	25624.38	-24.01	-13	PASS
Band5	10	20450	50	#0	QPSK	25080.63	-23.86	-13	PASS
Band5	10	20450	50	#0	16QAM	25797.50	-24.08	-13	PASS
Band5	10	20525	50	#0	QPSK	25965.63	-24.51	-13	PASS
Band5	10	20525	50	#0	16QAM	25150.00	-23.65	-13	PASS
Band5	10	20600	50	#0	QPSK	25437.50	-24.03	-13	PASS
Band5	10	20600	50	#0	16QAM	25665.00	-23.23	-13	PASS

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



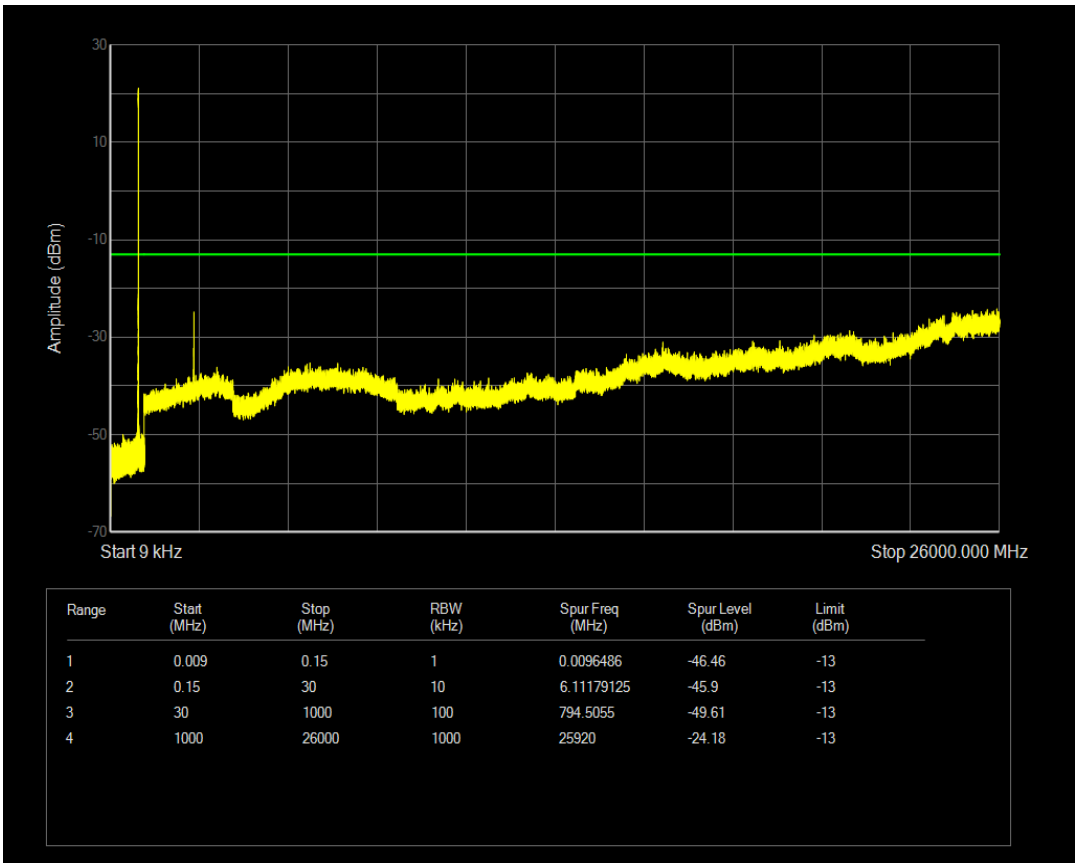
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0124263	-45.56	-13
2	0.15	30	10	6.122985	-47.16	-13
3	30	1000	100	818.14925	-49.69	-13
4	1000	26000	1000	25063.75	-23.37	-13

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



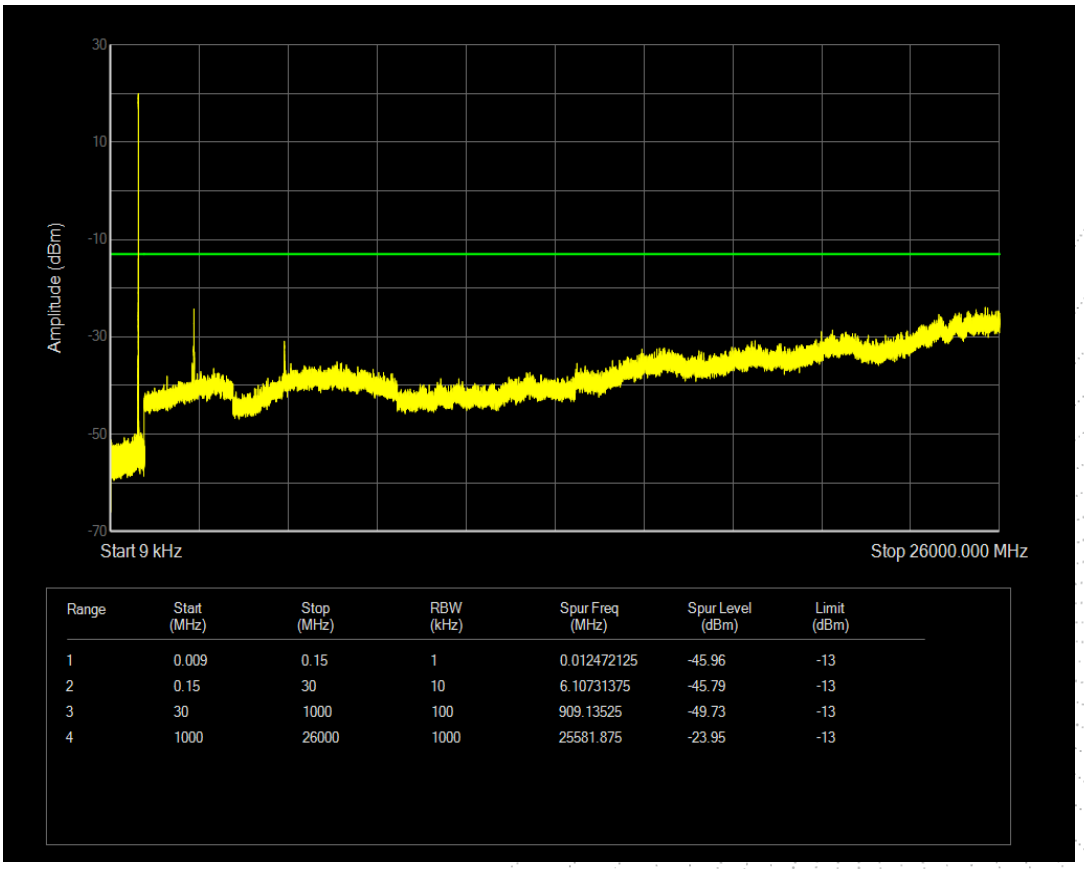
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009705	-44.89	-13
2	0.15	30	10	6.11925375	-46.16	-13
3	30	1000	100	914.931	-49.99	-13
4	1000	26000	1000	25975.625	-23.17	-13

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



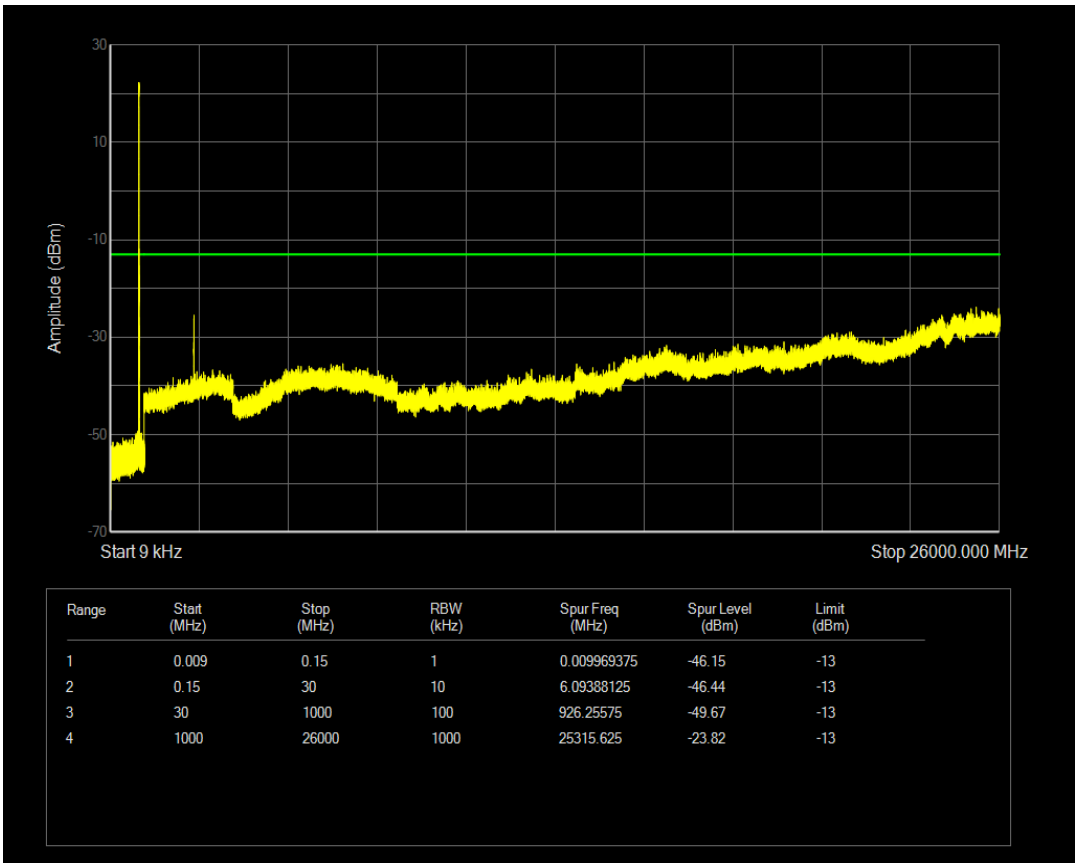
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096486	-46.46	-13
2	0.15	30	10	6.11179125	-45.9	-13
3	30	1000	100	794.5055	-49.61	-13
4	1000	26000	1000	25920	-24.18	-13

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



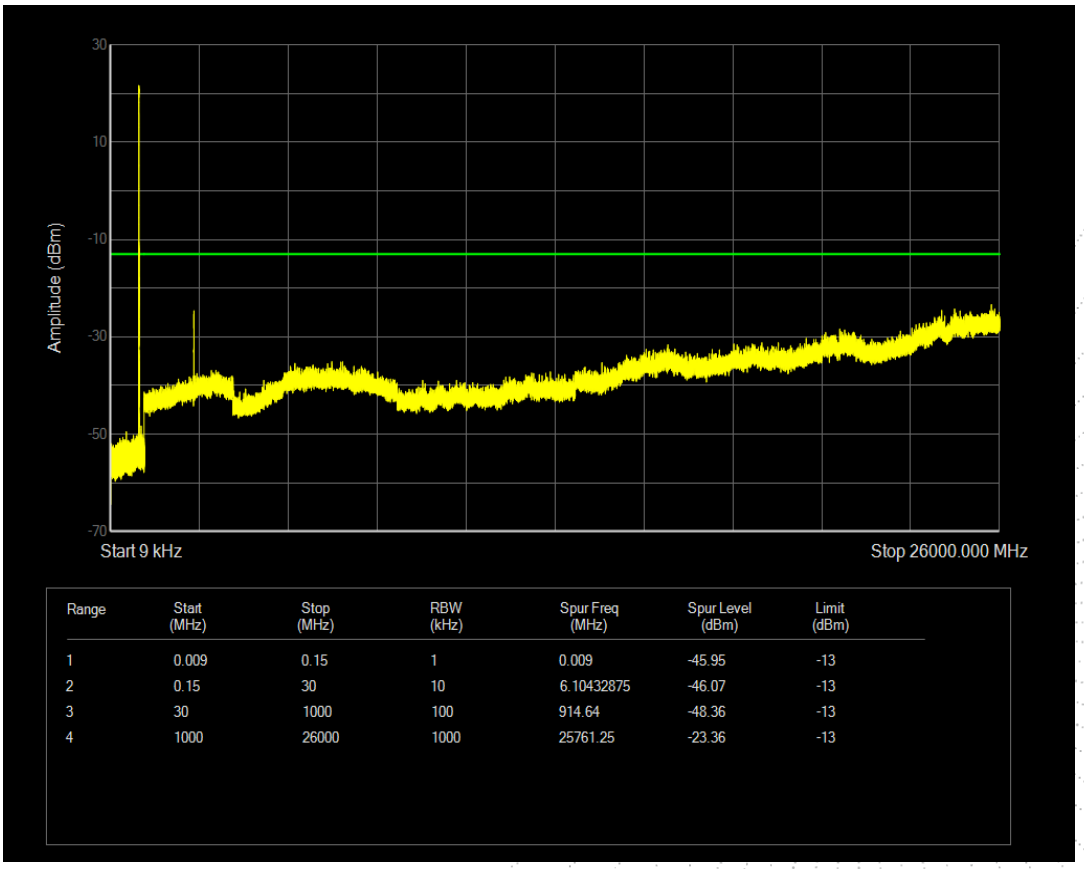
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012472125	-45.96	-13
2	0.15	30	10	6.10731375	-45.79	-13
3	30	1000	100	909.13525	-49.73	-13
4	1000	26000	1000	25581.875	-23.95	-13

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



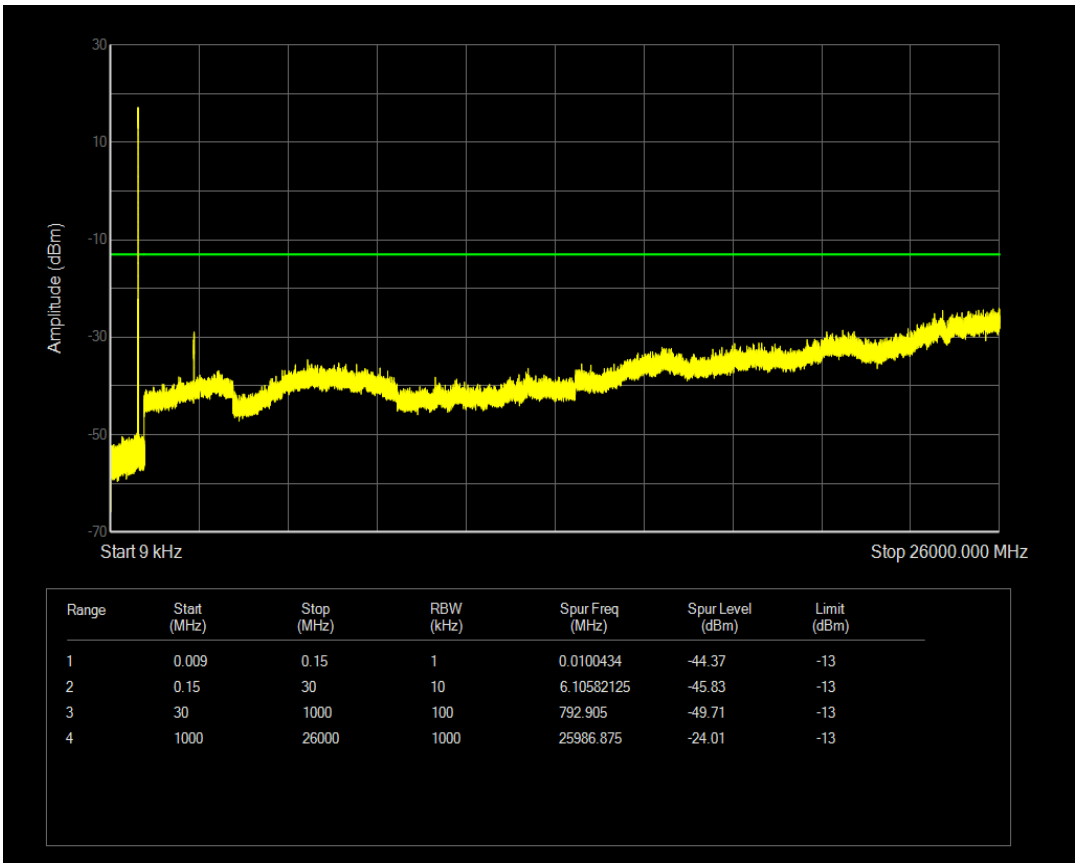
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009969375	-46.15	-13
2	0.15	30	10	6.09388125	-46.44	-13
3	30	1000	100	926.25575	-49.67	-13
4	1000	26000	1000	25315.625	-23.82	-13

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



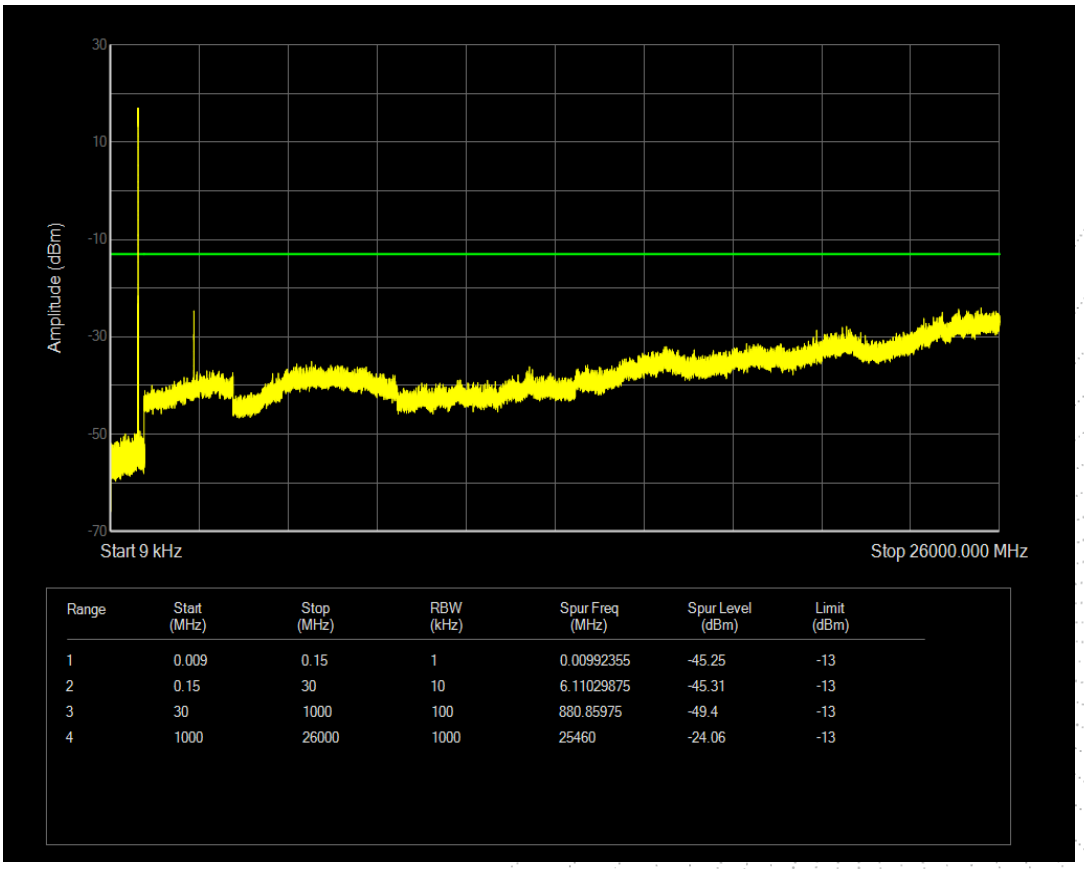
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.95	-13
2	0.15	30	10	6.10432875	-46.07	-13
3	30	1000	100	914.64	-48.36	-13
4	1000	26000	1000	25761.25	-23.36	-13

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



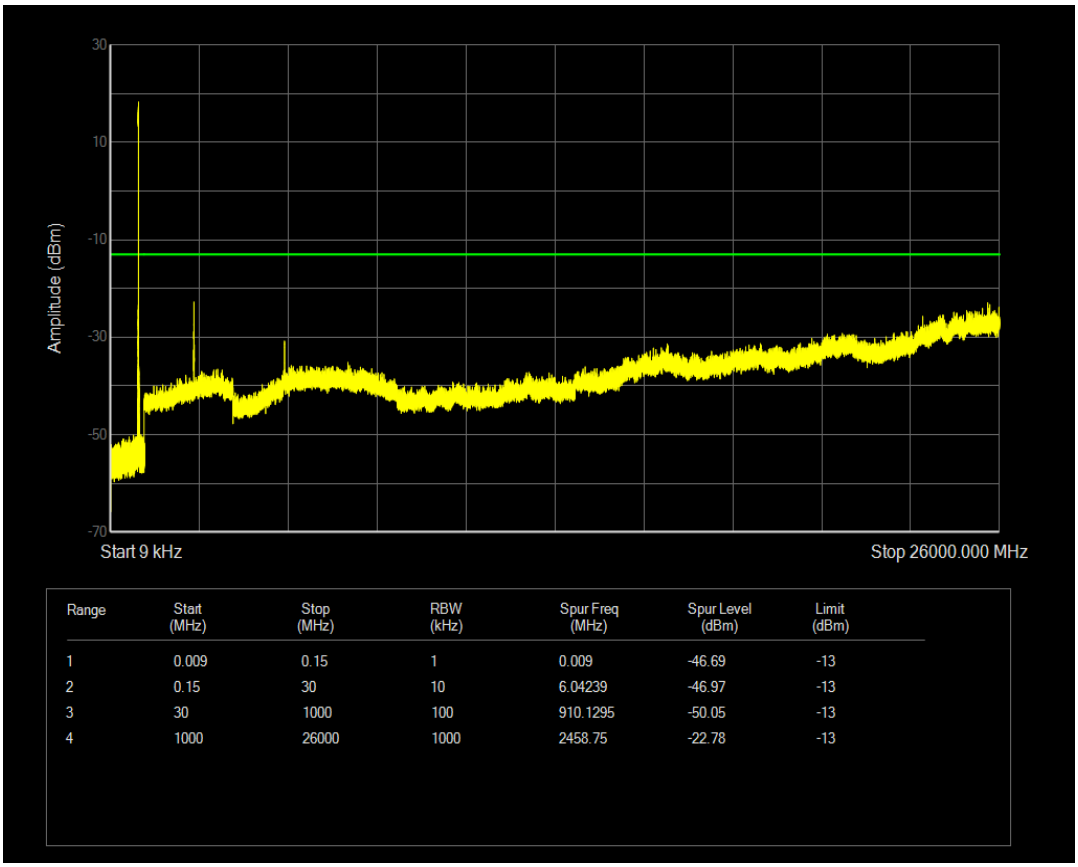
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100434	-44.37	-13
2	0.15	30	10	6.10582125	-45.83	-13
3	30	1000	100	792.905	-49.71	-13
4	1000	26000	1000	25986.875	-24.01	-13

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



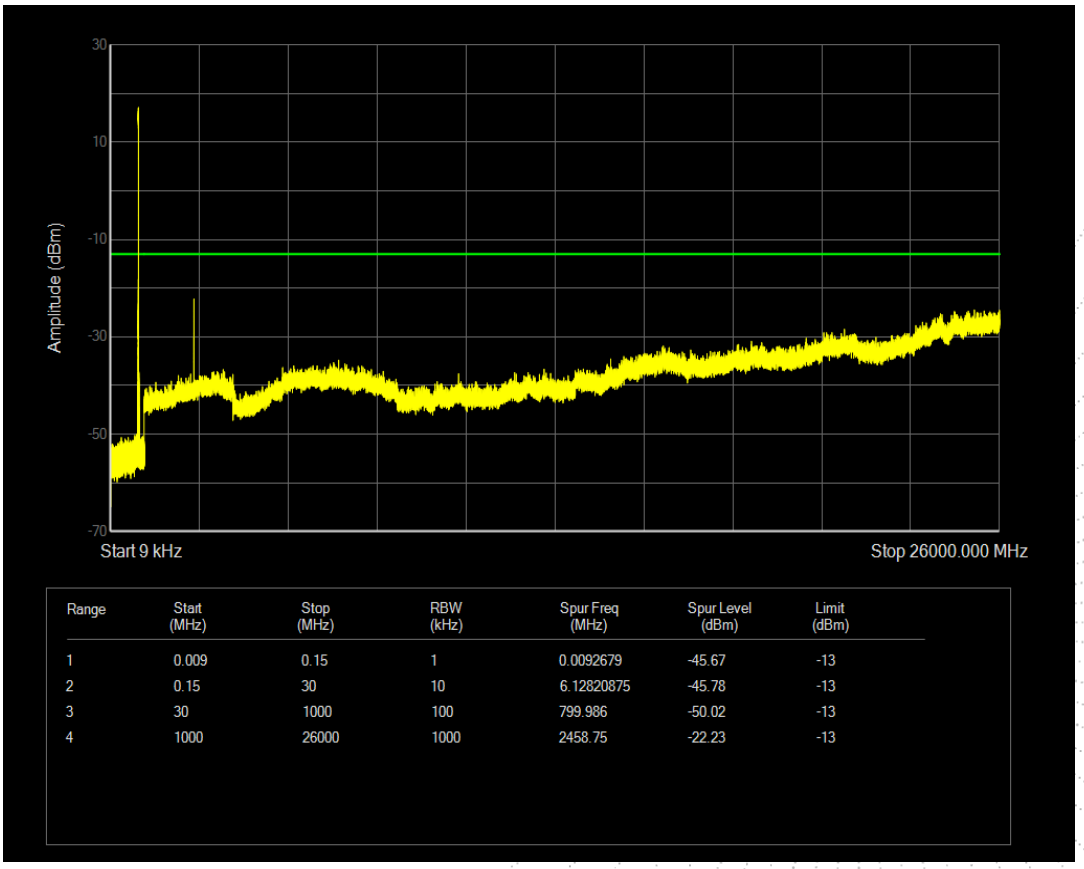
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00992355	-45.25	-13
2	0.15	30	10	6.11029875	-45.31	-13
3	30	1000	100	880.85975	-49.4	-13
4	1000	26000	1000	25460	-24.06	-13

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



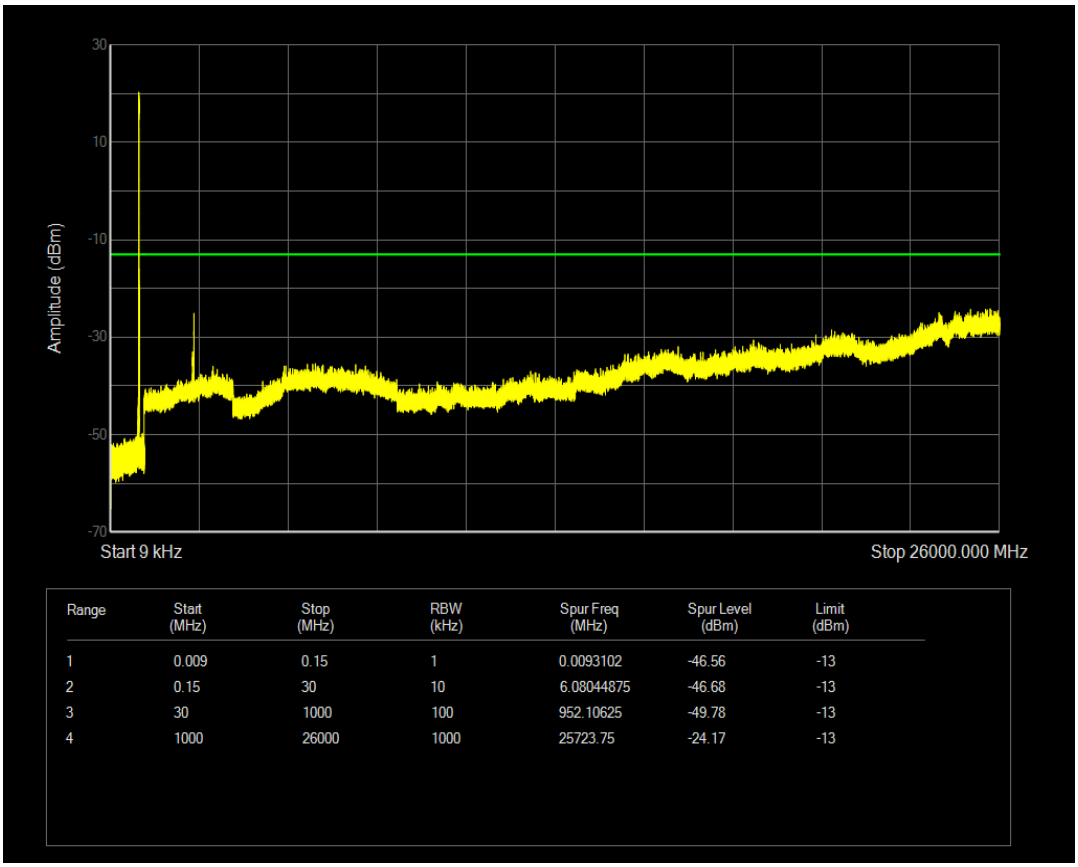
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.69	-13
2	0.15	30	10	6.04239	-46.97	-13
3	30	1000	100	910.1295	-50.05	-13
4	1000	26000	1000	2458.75	-22.78	-13

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



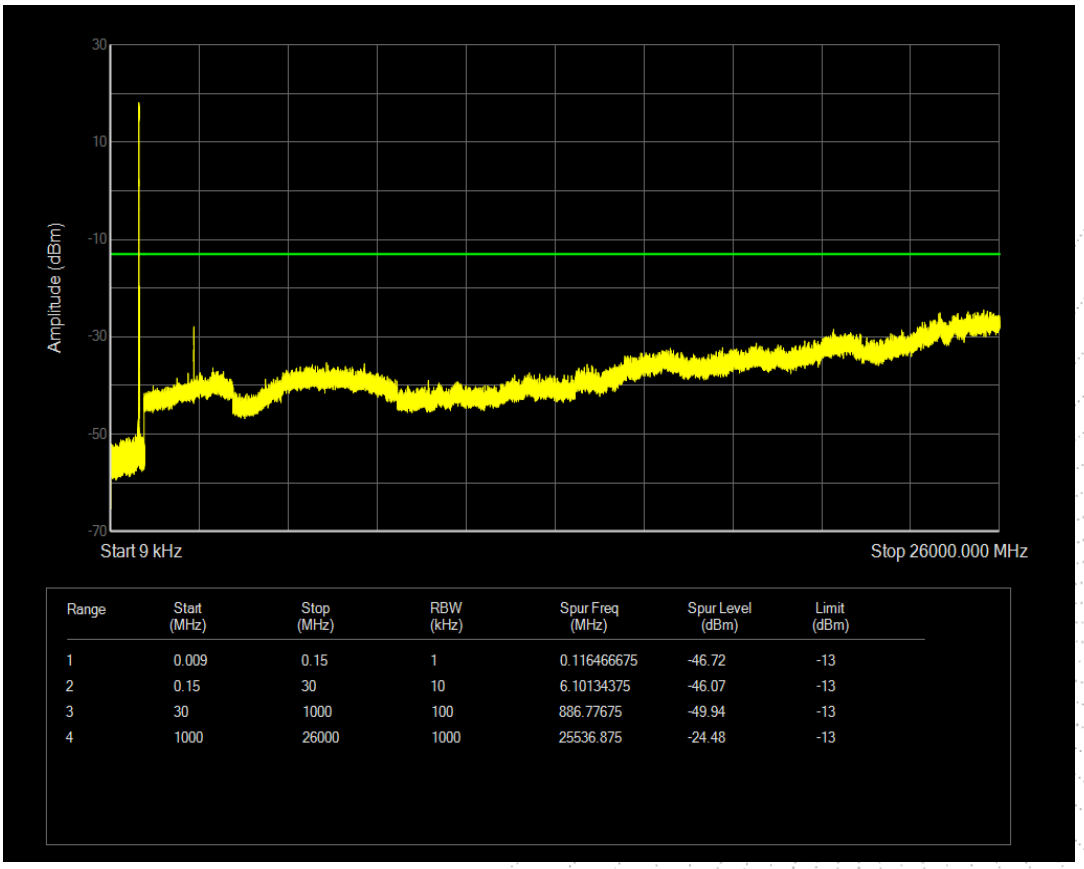
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092679	-45.67	-13
2	0.15	30	10	6.12820875	-45.78	-13
3	30	1000	100	799.986	-50.02	-13
4	1000	26000	1000	2458.75	-22.23	-13

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



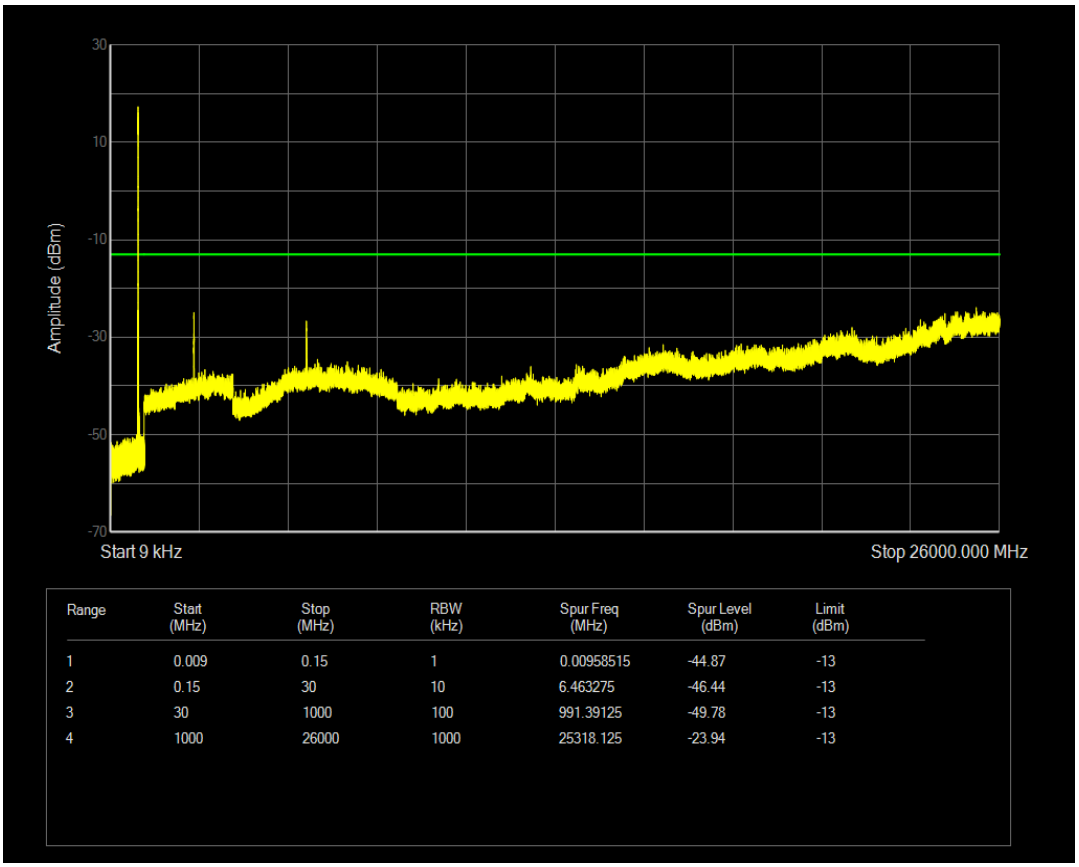
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0093102	-46.56	-13
2	0.15	30	10	6.08044875	-46.68	-13
3	30	1000	100	952.10625	-49.78	-13
4	1000	26000	1000	25723.75	-24.17	-13

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



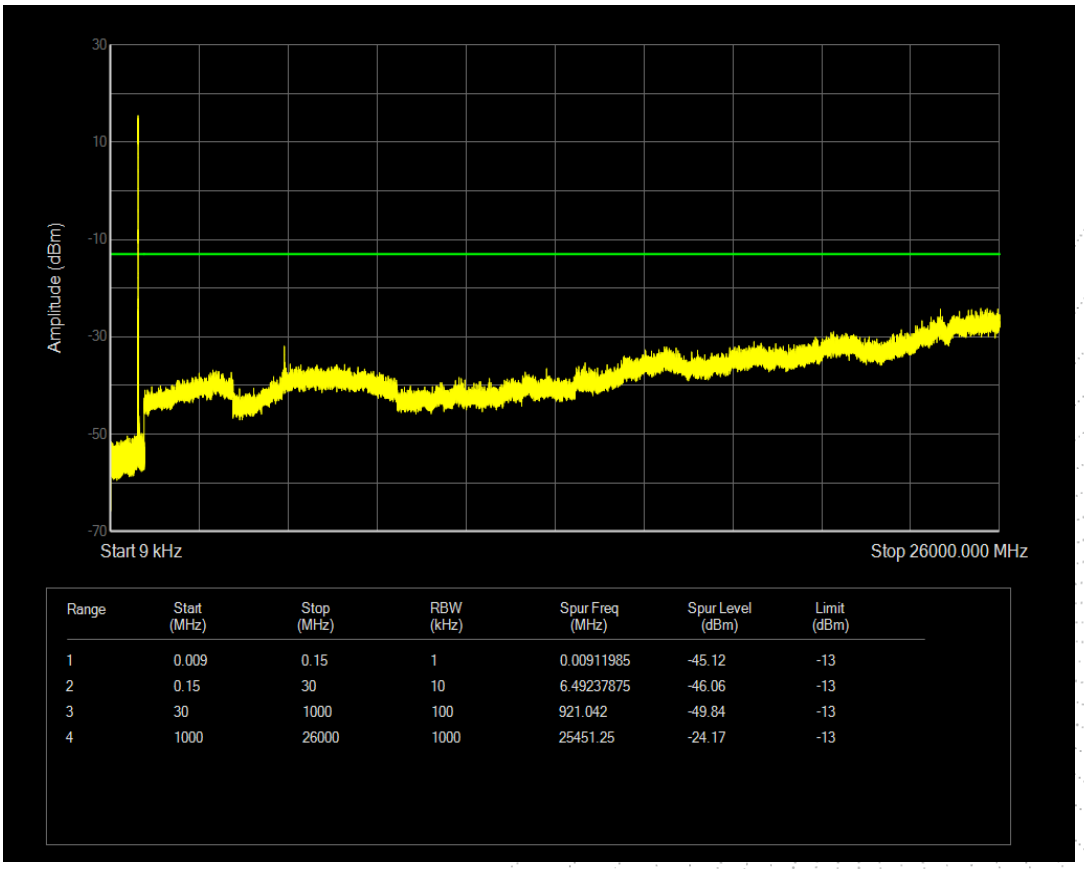
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.116466675	-46.72	-13
2	0.15	30	10	6.10134375	-46.07	-13
3	30	1000	100	886.77675	-49.94	-13
4	1000	26000	1000	25536.875	-24.48	-13

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



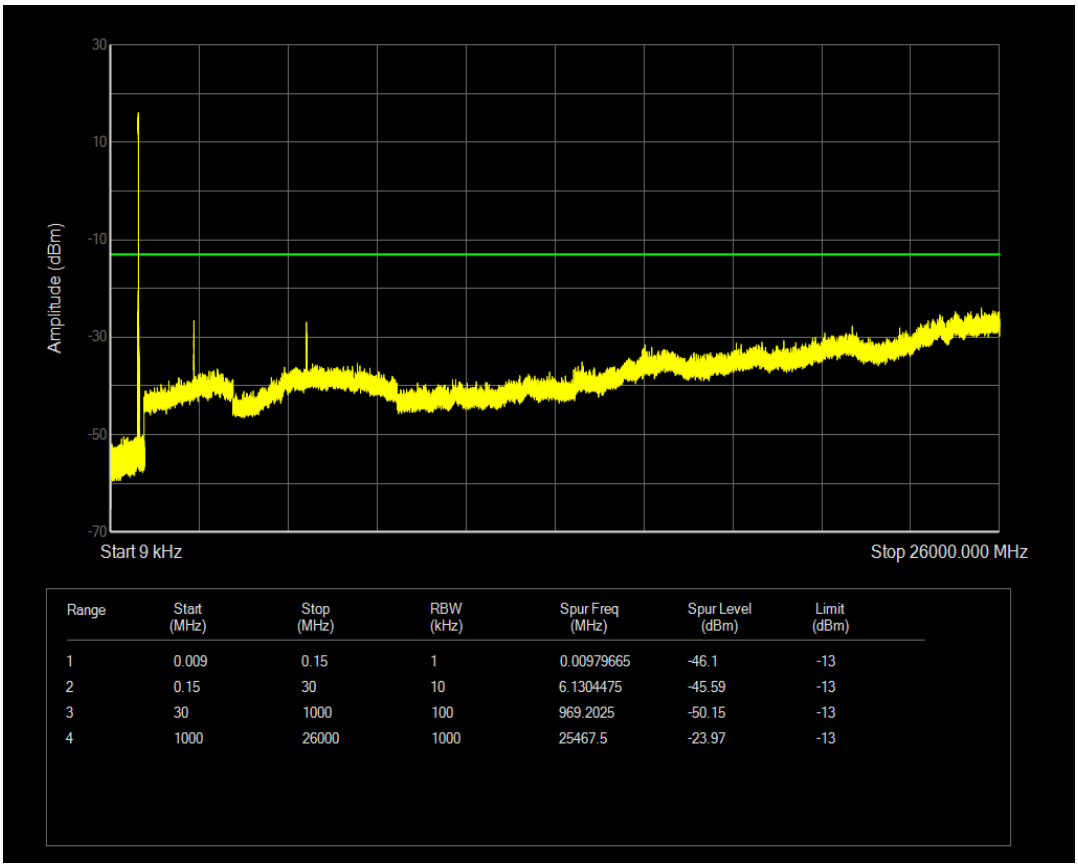
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00958515	-44.87	-13
2	0.15	30	10	6.463275	-46.44	-13
3	30	1000	100	991.39125	-49.78	-13
4	1000	26000	1000	25318.125	-23.94	-13

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



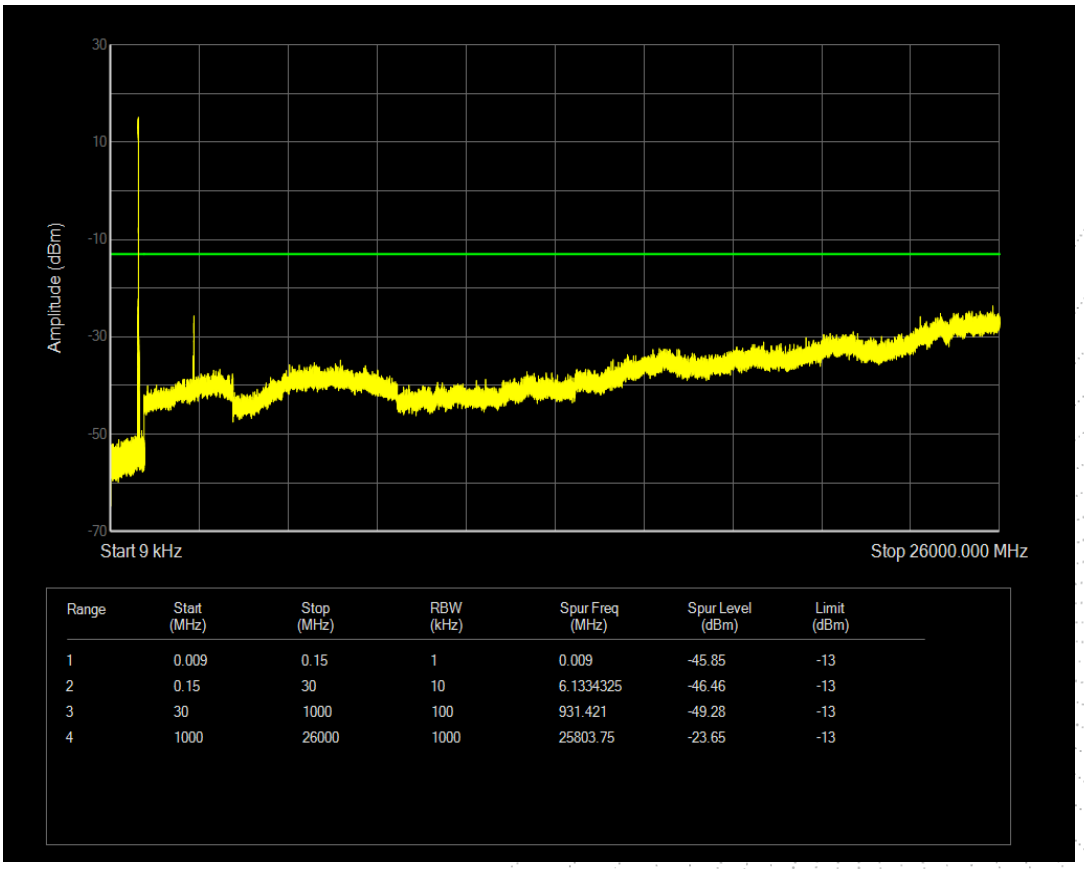
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00911985	-45.12	-13
2	0.15	30	10	6.49237875	-46.06	-13
3	30	1000	100	921.042	-49.84	-13
4	1000	26000	1000	25451.25	-24.17	-13

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



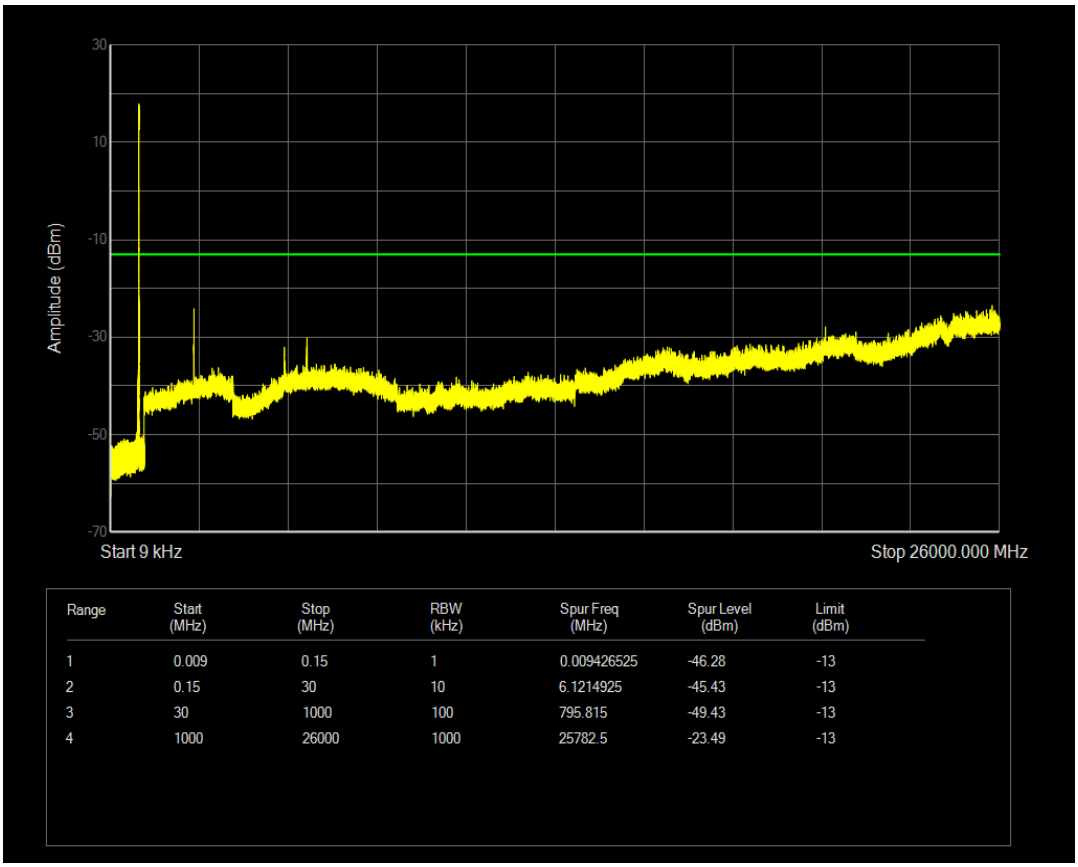
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00979665	-46.1	-13
2	0.15	30	10	6.1304475	-45.59	-13
3	30	1000	100	969.2025	-50.15	-13
4	1000	26000	1000	25467.5	-23.97	-13

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



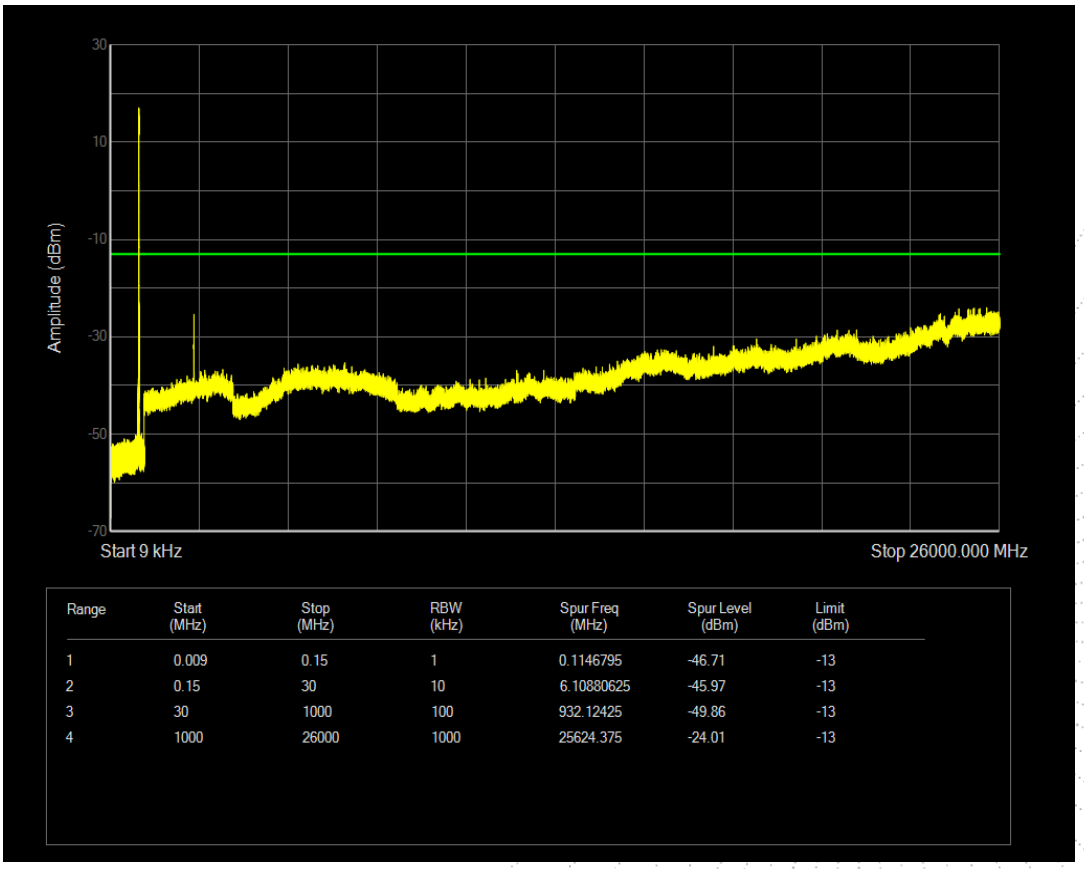
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.85	-13
2	0.15	30	10	6.1334325	-46.46	-13
3	30	1000	100	931.421	-49.28	-13
4	1000	26000	1000	25803.75	-23.65	-13

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



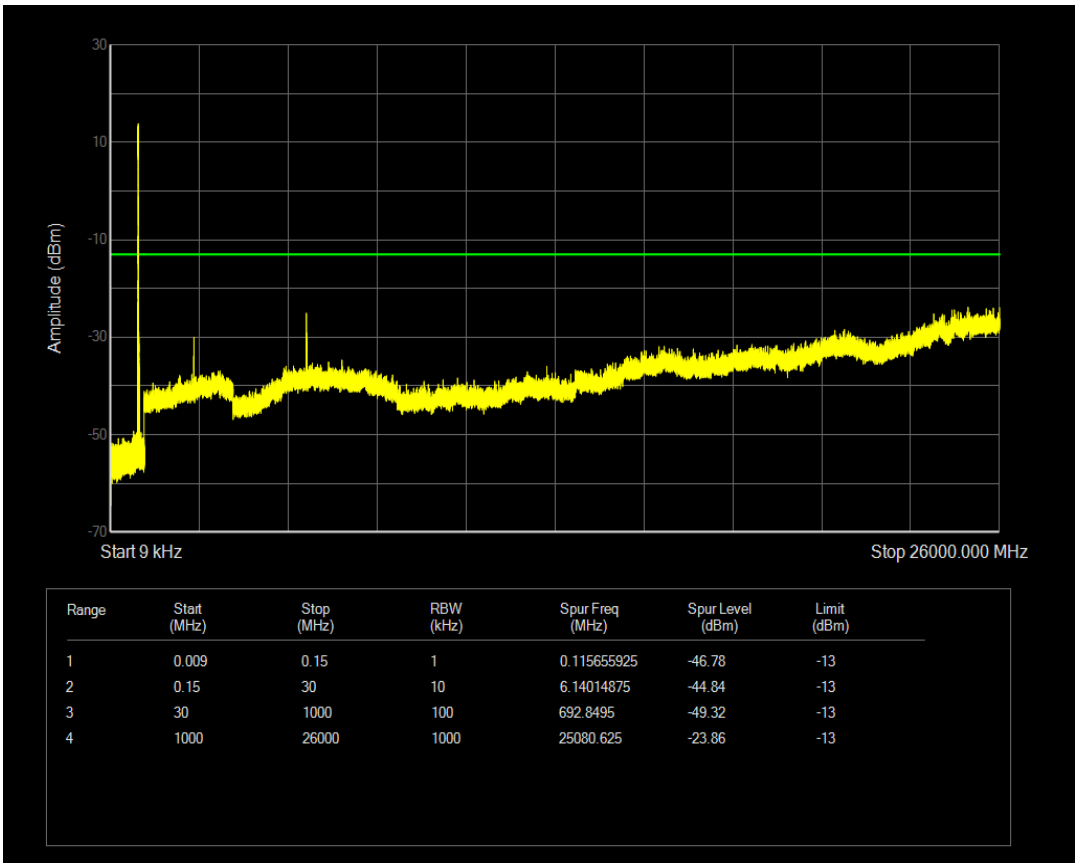
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009426525	-46.28	-13
2	0.15	30	10	6.1214925	-45.43	-13
3	30	1000	100	795.815	-49.43	-13
4	1000	26000	1000	25782.5	-23.49	-13

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



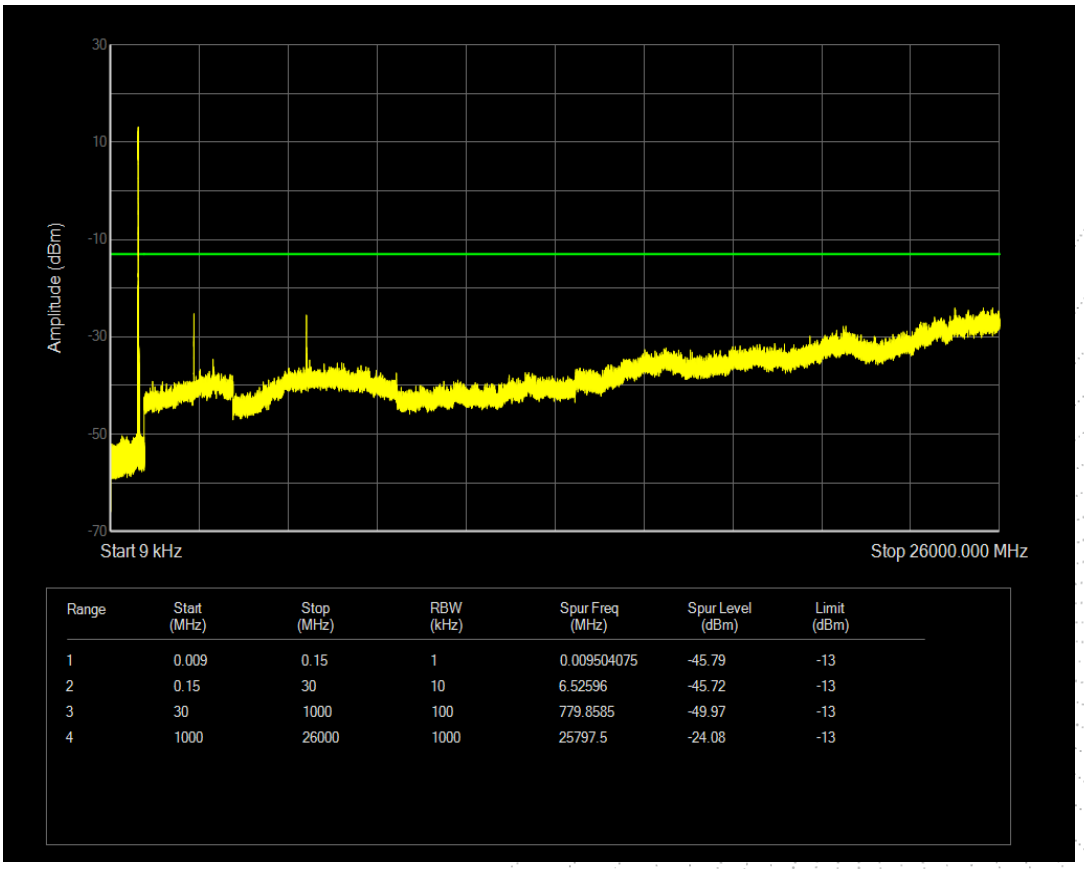
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1146795	-46.71	-13
2	0.15	30	10	6.10880625	-45.97	-13
3	30	1000	100	932.12425	-49.86	-13
4	1000	26000	1000	25624.375	-24.01	-13

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



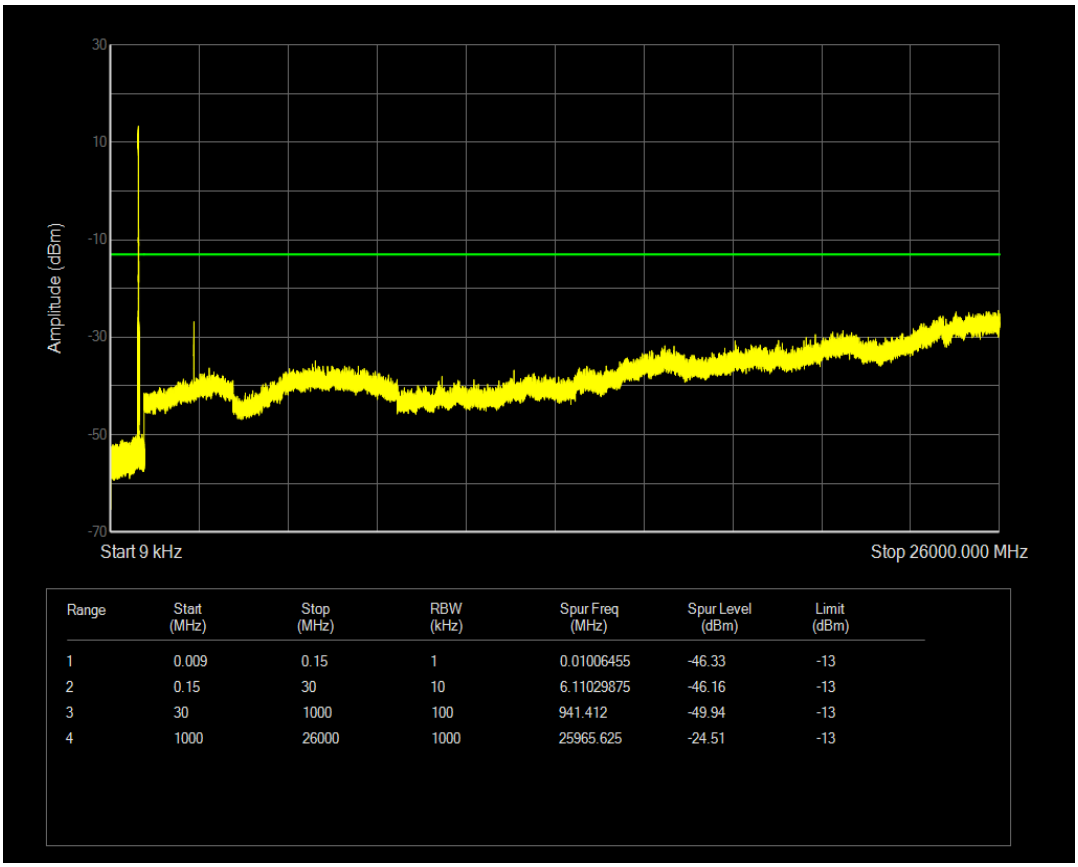
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.115655925	-46.78	-13
2	0.15	30	10	6.14014875	-44.84	-13
3	30	1000	100	692.8495	-49.32	-13
4	1000	26000	1000	25080.625	-23.86	-13

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



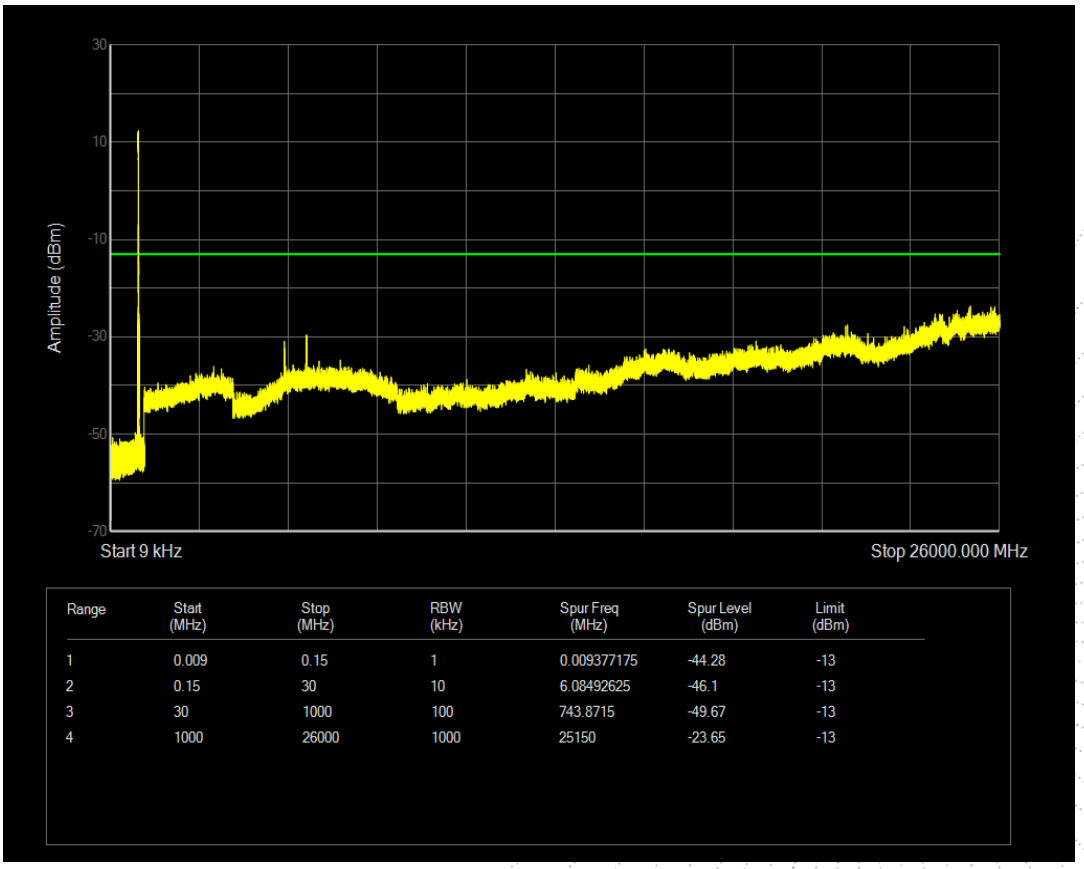
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009504075	-45.79	-13
2	0.15	30	10	6.52596	-45.72	-13
3	30	1000	100	779.8585	-49.97	-13
4	1000	26000	1000	25797.5	-24.08	-13

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



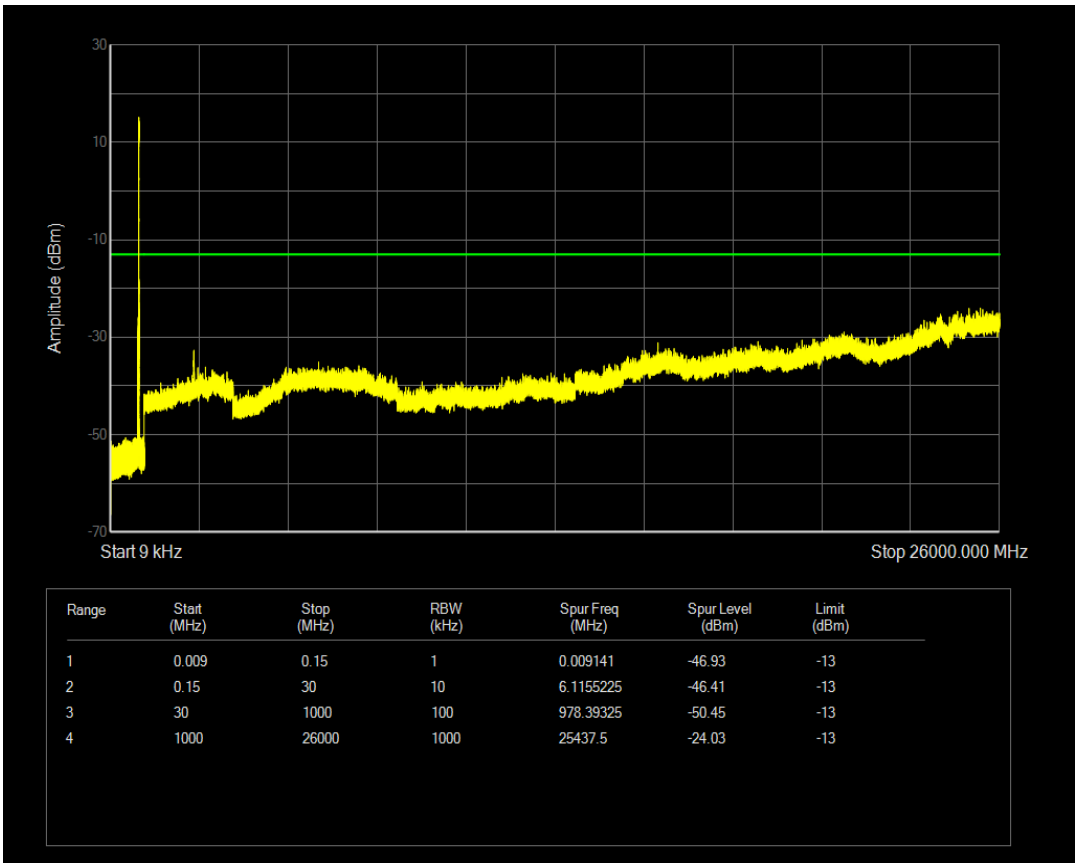
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01006455	-46.33	-13
2	0.15	30	10	6.11029875	-46.16	-13
3	30	1000	100	941.412	-49.94	-13
4	1000	26000	1000	25965.625	-24.51	-13

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



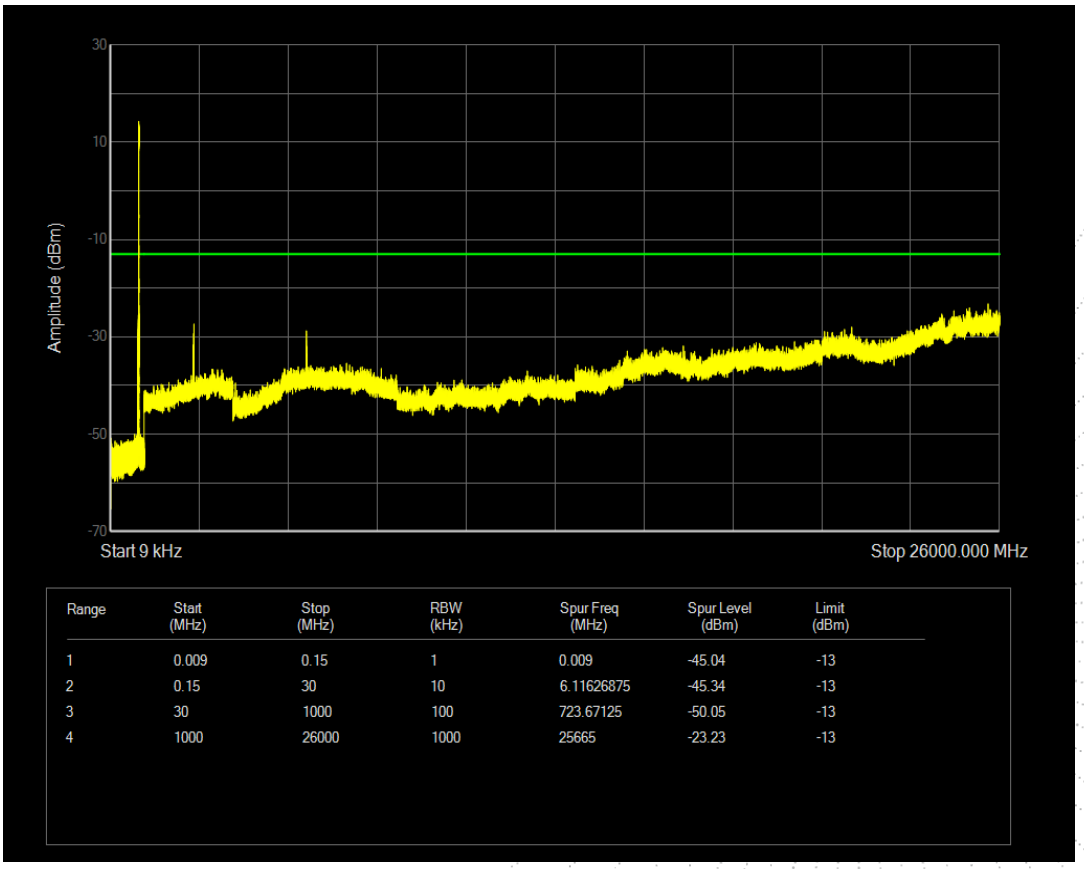
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009377175	-44.28	-13
2	0.15	30	10	6.08492625	-46.1	-13
3	30	1000	100	743.8715	-49.67	-13
4	1000	26000	1000	25150	-23.65	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009141	-46.93	-13
2	0.15	30	10	6.1155225	-46.41	-13
3	30	1000	100	978.39325	-50.45	-13
4	1000	26000	1000	25437.5	-24.03	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.04	-13
2	0.15	30	10	6.11626875	-45.34	-13
3	30	1000	100	723.67125	-50.05	-13
4	1000	26000	1000	25665	-23.23	-13