

FCC ID: 2A4AS-2407A

Appendix for Band 5

Report No.: BCTC2408940416-5E

Applicant: EZTECH DIGITAL INC.

Product Name: IP Camera

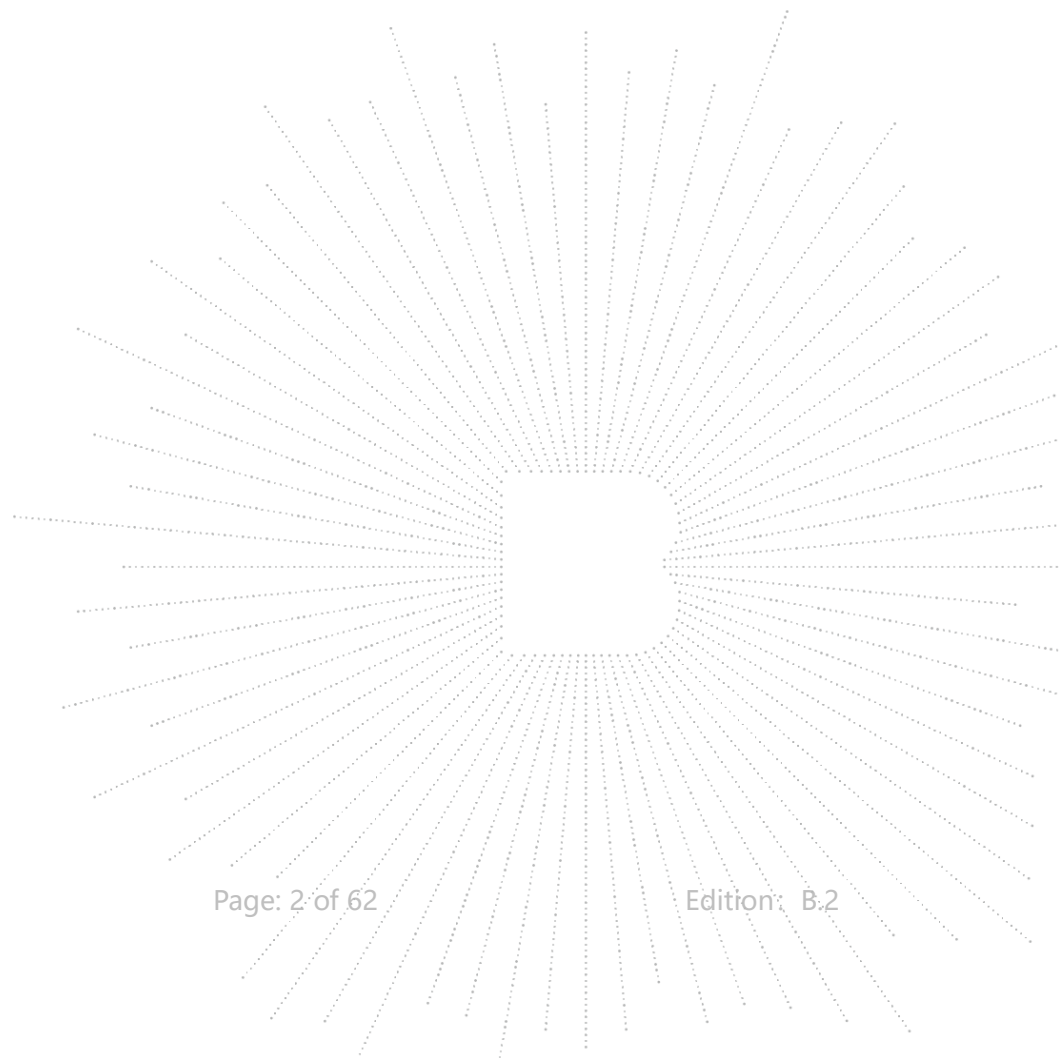
Test Model: Talon Pro

Tested Date: 2024-08-14 to 2024-11-26

Shenzhen BCTC Testing Co., Ltd.

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

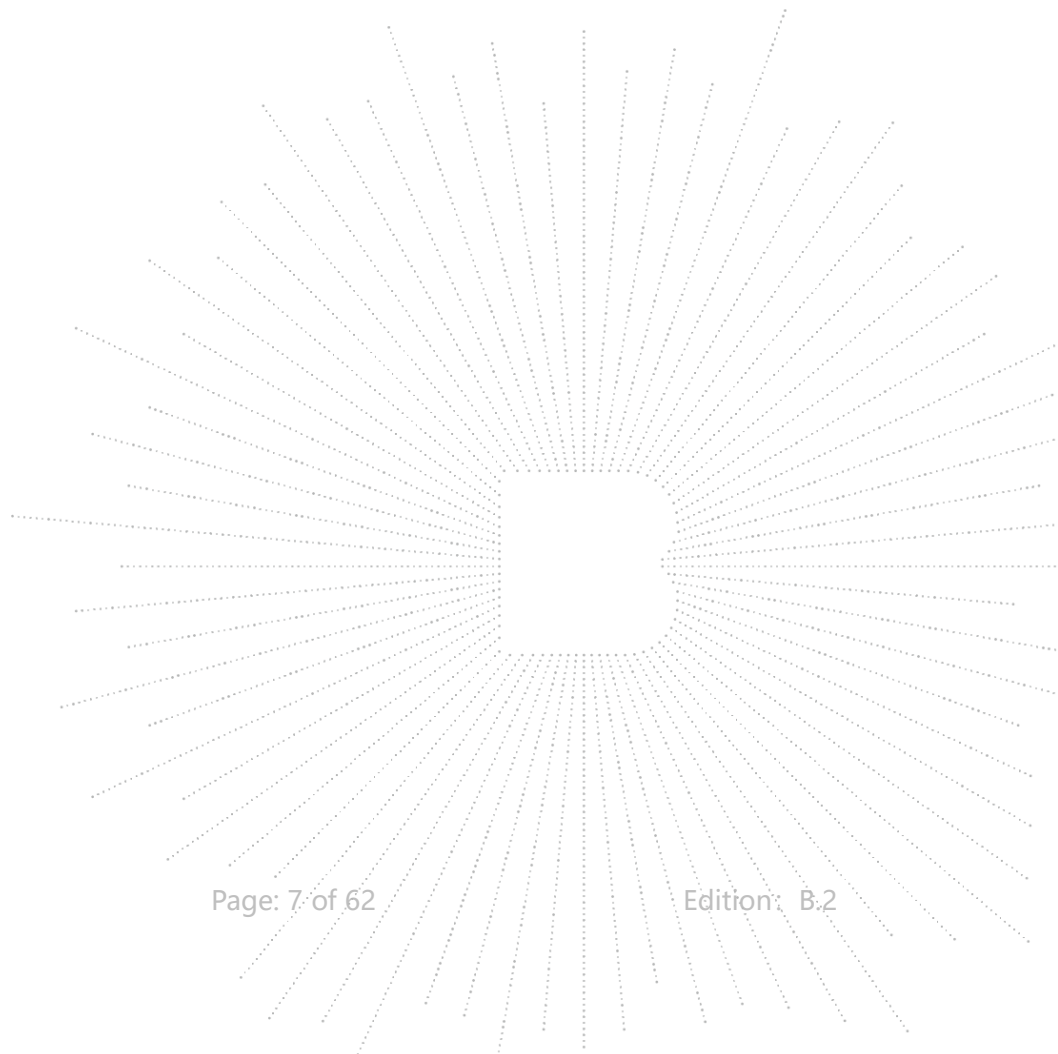
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	22.68	-1.69	18.84	PASS
Band5	1.4	20407	1	#Mid	QPSK	22.79	-1.69	18.95	PASS
Band5	1.4	20407	1	#Max	QPSK	22.63	-1.69	18.79	PASS
Band5	1.4	20407	3	#0	QPSK	22.80	-1.69	18.96	PASS
Band5	1.4	20407	3	#Mid	QPSK	22.83	-1.69	18.99	PASS
Band5	1.4	20407	3	#Max	QPSK	22.79	-1.69	18.95	PASS
Band5	1.4	20407	6	#0	QPSK	21.87	-1.69	18.03	PASS
Band5	1.4	20407	1	#0	16QAM	21.53	-1.69	17.69	PASS
Band5	1.4	20407	1	#Mid	16QAM	21.61	-1.69	17.77	PASS
Band5	1.4	20407	1	#Max	16QAM	21.69	-1.69	17.85	PASS
Band5	1.4	20407	3	#0	16QAM	21.88	-1.69	18.04	PASS
Band5	1.4	20407	3	#Mid	16QAM	21.84	-1.69	18.00	PASS
Band5	1.4	20407	3	#Max	16QAM	21.81	-1.69	17.97	PASS
Band5	1.4	20407	6	#0	16QAM	21.07	-1.69	17.23	PASS
Band5	1.4	20525	1	#0	QPSK	22.98	-1.69	19.14	PASS
Band5	1.4	20525	1	#Mid	QPSK	23.24	-1.69	19.40	PASS
Band5	1.4	20525	1	#Max	QPSK	23.15	-1.69	19.31	PASS
Band5	1.4	20525	3	#0	QPSK	23.01	-1.69	19.17	PASS
Band5	1.4	20525	3	#Mid	QPSK	22.95	-1.69	19.11	PASS
Band5	1.4	20525	3	#Max	QPSK	23.17	-1.69	19.33	PASS
Band5	1.4	20525	6	#0	QPSK	22.20	-1.69	18.36	PASS
Band5	1.4	20525	1	#0	16QAM	21.68	-1.69	17.84	PASS
Band5	1.4	20525	1	#Mid	16QAM	21.98	-1.69	18.14	PASS
Band5	1.4	20525	1	#Max	16QAM	21.82	-1.69	17.98	PASS
Band5	1.4	20525	3	#0	16QAM	22.05	-1.69	18.21	PASS
Band5	1.4	20525	3	#Mid	16QAM	21.81	-1.69	17.97	PASS
Band5	1.4	20525	3	#Max	16QAM	21.84	-1.69	18.00	PASS
Band5	1.4	20525	6	#0	16QAM	21.06	-1.69	17.22	PASS
Band5	1.4	20643	1	#0	QPSK	23.27	-1.69	19.43	PASS
Band5	1.4	20643	1	#Mid	QPSK	23.58	-1.69	19.74	PASS
Band5	1.4	20643	1	#Max	QPSK	23.41	-1.69	19.57	PASS
Band5	1.4	20643	3	#0	QPSK	23.20	-1.69	19.36	PASS
Band5	1.4	20643	3	#Mid	QPSK	23.26	-1.69	19.42	PASS
Band5	1.4	20643	3	#Max	QPSK	23.12	-1.69	19.28	PASS
Band5	1.4	20643	6	#0	QPSK	22.18	-1.69	18.34	PASS
Band5	1.4	20643	1	#0	16QAM	21.93	-1.69	18.09	PASS

Band5	1.4	20643	1	#Mid	16QAM	22.12	-1.69	18.28	PASS
Band5	1.4	20643	1	#Max	16QAM	22.04	-1.69	18.20	PASS
Band5	1.4	20643	3	#0	16QAM	22.05	-1.69	18.21	PASS
Band5	1.4	20643	3	#Mid	16QAM	21.99	-1.69	18.15	PASS
Band5	1.4	20643	3	#Max	16QAM	21.98	-1.69	18.14	PASS
Band5	1.4	20643	6	#0	16QAM	21.24	-1.69	17.40	PASS
Band5	3	20415	1	#0	QPSK	22.88	-1.69	19.04	PASS
Band5	3	20415	1	#Mid	QPSK	22.85	-1.69	19.01	PASS
Band5	3	20415	1	#Max	QPSK	22.87	-1.69	19.03	PASS
Band5	3	20415	8	#0	QPSK	22.02	-1.69	18.18	PASS
Band5	3	20415	8	#Mid	QPSK	22.08	-1.69	18.24	PASS
Band5	3	20415	8	#Max	QPSK	22.05	-1.69	18.21	PASS
Band5	3	20415	15	#0	QPSK	22.02	-1.69	18.18	PASS
Band5	3	20415	1	#0	16QAM	22.38	-1.69	18.54	PASS
Band5	3	20415	1	#Mid	16QAM	22.55	-1.69	18.71	PASS
Band5	3	20415	1	#Max	16QAM	22.37	-1.69	18.53	PASS
Band5	3	20415	8	#0	16QAM	20.80	-1.69	16.96	PASS
Band5	3	20415	8	#Mid	16QAM	20.87	-1.69	17.03	PASS
Band5	3	20415	8	#Max	16QAM	20.83	-1.69	16.99	PASS
Band5	3	20415	15	#0	16QAM	21.00	-1.69	17.16	PASS
Band5	3	20525	1	#0	QPSK	23.07	-1.69	19.23	PASS
Band5	3	20525	1	#Mid	QPSK	23.06	-1.69	19.22	PASS
Band5	3	20525	1	#Max	QPSK	23.03	-1.69	19.19	PASS
Band5	3	20525	8	#0	QPSK	22.15	-1.69	18.31	PASS
Band5	3	20525	8	#Mid	QPSK	22.17	-1.69	18.33	PASS
Band5	3	20525	8	#Max	QPSK	22.05	-1.69	18.21	PASS
Band5	3	20525	15	#0	QPSK	22.16	-1.69	18.32	PASS
Band5	3	20525	1	#0	16QAM	21.95	-1.69	18.11	PASS
Band5	3	20525	1	#Mid	16QAM	22.12	-1.69	18.28	PASS
Band5	3	20525	1	#Max	16QAM	21.73	-1.69	17.89	PASS
Band5	3	20525	8	#0	16QAM	21.13	-1.69	17.29	PASS
Band5	3	20525	8	#Mid	16QAM	21.17	-1.69	17.33	PASS
Band5	3	20525	8	#Max	16QAM	21.13	-1.69	17.29	PASS
Band5	3	20525	15	#0	16QAM	21.10	-1.69	17.26	PASS
Band5	3	20635	1	#0	QPSK	22.95	-1.69	19.11	PASS
Band5	3	20635	1	#Mid	QPSK	23.07	-1.69	19.23	PASS
Band5	3	20635	1	#Max	QPSK	23.12	-1.69	19.28	PASS
Band5	3	20635	8	#0	QPSK	22.05	-1.69	18.21	PASS
Band5	3	20635	8	#Mid	QPSK	22.12	-1.69	18.28	PASS
Band5	3	20635	8	#Max	QPSK	22.13	-1.69	18.29	PASS
Band5	3	20635	15	#0	QPSK	22.11	-1.69	18.27	PASS
Band5	3	20635	1	#0	16QAM	21.87	-1.69	18.03	PASS
Band5	3	20635	1	#Mid	16QAM	21.87	-1.69	18.03	PASS

Band5	3	20635	1	#Max	16QAM	21.84	-1.69	18.00	PASS
Band5	3	20635	8	#0	16QAM	20.83	-1.69	16.99	PASS
Band5	3	20635	8	#Mid	16QAM	20.81	-1.69	16.97	PASS
Band5	3	20635	8	#Max	16QAM	20.90	-1.69	17.06	PASS
Band5	3	20635	15	#0	16QAM	21.05	-1.69	17.21	PASS
Band5	5	20425	1	#0	QPSK	22.79	-1.69	18.95	PASS
Band5	5	20425	1	#Mid	QPSK	23.40	-1.69	19.56	PASS
Band5	5	20425	1	#Max	QPSK	23.01	-1.69	19.17	PASS
Band5	5	20425	12	#0	QPSK	21.99	-1.69	18.15	PASS
Band5	5	20425	12	#Mid	QPSK	22.07	-1.69	18.23	PASS
Band5	5	20425	12	#Max	QPSK	22.12	-1.69	18.28	PASS
Band5	5	20425	25	#0	QPSK	22.10	-1.69	18.26	PASS
Band5	5	20425	1	#0	16QAM	22.12	-1.69	18.28	PASS
Band5	5	20425	1	#Mid	16QAM	22.09	-1.69	18.25	PASS
Band5	5	20425	1	#Max	16QAM	22.21	-1.69	18.37	PASS
Band5	5	20425	12	#0	16QAM	20.78	-1.69	16.94	PASS
Band5	5	20425	12	#Mid	16QAM	20.88	-1.69	17.04	PASS
Band5	5	20425	12	#Max	16QAM	20.99	-1.69	17.15	PASS
Band5	5	20425	25	#0	16QAM	21.14	-1.69	17.30	PASS
Band5	5	20525	1	#0	QPSK	22.85	-1.69	19.01	PASS
Band5	5	20525	1	#Mid	QPSK	22.99	-1.69	19.15	PASS
Band5	5	20525	1	#Max	QPSK	22.94	-1.69	19.10	PASS
Band5	5	20525	12	#0	QPSK	22.11	-1.69	18.27	PASS
Band5	5	20525	12	#Mid	QPSK	22.22	-1.69	18.38	PASS
Band5	5	20525	12	#Max	QPSK	22.13	-1.69	18.29	PASS
Band5	5	20525	25	#0	QPSK	22.18	-1.69	18.34	PASS
Band5	5	20525	1	#0	16QAM	22.11	-1.69	18.27	PASS
Band5	5	20525	1	#Mid	16QAM	22.17	-1.69	18.33	PASS
Band5	5	20525	1	#Max	16QAM	22.18	-1.69	18.34	PASS
Band5	5	20525	12	#0	16QAM	20.96	-1.69	17.12	PASS
Band5	5	20525	12	#Mid	16QAM	21.07	-1.69	17.23	PASS
Band5	5	20525	12	#Max	16QAM	20.96	-1.69	17.12	PASS
Band5	5	20525	25	#0	16QAM	21.17	-1.69	17.33	PASS
Band5	5	20625	1	#0	QPSK	22.83	-1.69	18.99	PASS
Band5	5	20625	1	#Mid	QPSK	23.14	-1.69	19.30	PASS
Band5	5	20625	1	#Max	QPSK	23.14	-1.69	19.30	PASS
Band5	5	20625	12	#0	QPSK	22.15	-1.69	18.31	PASS
Band5	5	20625	12	#Mid	QPSK	22.26	-1.69	18.42	PASS
Band5	5	20625	12	#Max	QPSK	22.23	-1.69	18.39	PASS
Band5	5	20625	25	#0	QPSK	22.15	-1.69	18.31	PASS
Band5	5	20625	1	#0	16QAM	22.14	-1.69	18.30	PASS
Band5	5	20625	1	#Mid	16QAM	21.96	-1.69	18.12	PASS
Band5	5	20625	1	#Max	16QAM	22.20	-1.69	18.36	PASS

Band5	5	20625	12	#0	16QAM	20.98	-1.69	17.14	PASS
Band5	5	20625	12	#Mid	16QAM	21.08	-1.69	17.24	PASS
Band5	5	20625	12	#Max	16QAM	21.23	-1.69	17.39	PASS
Band5	5	20625	25	#0	16QAM	20.99	-1.69	17.15	PASS
Band5	10	20450	1	#0	QPSK	22.85	-1.69	19.01	PASS
Band5	10	20450	1	#Mid	QPSK	23.05	-1.69	19.21	PASS
Band5	10	20450	1	#Max	QPSK	23.13	-1.69	19.29	PASS
Band5	10	20450	25	#0	QPSK	22.12	-1.69	18.28	PASS
Band5	10	20450	25	#Mid	QPSK	22.20	-1.69	18.36	PASS
Band5	10	20450	25	#Max	QPSK	22.16	-1.69	18.32	PASS
Band5	10	20450	50	#0	QPSK	22.14	-1.69	18.30	PASS
Band5	10	20450	1	#0	16QAM	22.35	-1.69	18.51	PASS
Band5	10	20450	1	#Mid	16QAM	22.63	-1.69	18.79	PASS
Band5	10	20450	1	#Max	16QAM	22.46	-1.69	18.62	PASS
Band5	10	20450	25	#0	16QAM	21.12	-1.69	17.28	PASS
Band5	10	20450	25	#Mid	16QAM	21.17	-1.69	17.33	PASS
Band5	10	20450	25	#Max	16QAM	21.03	-1.69	17.19	PASS
Band5	10	20450	50	#0	16QAM	21.00	-1.69	17.16	PASS
Band5	10	20525	1	#0	QPSK	22.96	-1.69	19.12	PASS
Band5	10	20525	1	#Mid	QPSK	23.32	-1.69	19.48	PASS
Band5	10	20525	1	#Max	QPSK	22.96	-1.69	19.12	PASS
Band5	10	20525	25	#0	QPSK	22.24	-1.69	18.40	PASS
Band5	10	20525	25	#Mid	QPSK	22.28	-1.69	18.44	PASS
Band5	10	20525	25	#Max	QPSK	22.24	-1.69	18.40	PASS
Band5	10	20525	50	#0	QPSK	22.24	-1.69	18.40	PASS
Band5	10	20525	1	#0	16QAM	21.70	-1.69	17.86	PASS
Band5	10	20525	1	#Mid	16QAM	21.72	-1.69	17.88	PASS
Band5	10	20525	1	#Max	16QAM	21.43	-1.69	17.59	PASS
Band5	10	20525	25	#0	16QAM	21.21	-1.69	17.37	PASS
Band5	10	20525	25	#Mid	16QAM	21.26	-1.69	17.42	PASS
Band5	10	20525	25	#Max	16QAM	21.13	-1.69	17.29	PASS
Band5	10	20525	50	#0	16QAM	21.12	-1.69	17.28	PASS
Band5	10	20600	1	#0	QPSK	23.14	-1.69	19.30	PASS
Band5	10	20600	1	#Mid	QPSK	23.00	-1.69	19.16	PASS
Band5	10	20600	1	#Max	QPSK	23.27	-1.69	19.43	PASS
Band5	10	20600	25	#0	QPSK	22.19	-1.69	18.35	PASS
Band5	10	20600	25	#Mid	QPSK	22.15	-1.69	18.31	PASS
Band5	10	20600	25	#Max	QPSK	22.20	-1.69	18.36	PASS
Band5	10	20600	50	#0	QPSK	22.18	-1.69	18.34	PASS
Band5	10	20600	1	#0	16QAM	22.23	-1.69	18.39	PASS
Band5	10	20600	1	#Mid	16QAM	22.13	-1.69	18.29	PASS
Band5	10	20600	1	#Max	16QAM	22.06	-1.69	18.22	PASS
Band5	10	20600	25	#0	16QAM	21.17	-1.69	17.33	PASS

Band5	10	20600	25	#Mid	16QAM	21.12	-1.69	17.28	PASS
Band5	10	20600	25	#Max	16QAM	21.08	-1.69	17.24	PASS
Band5	10	20600	50	#0	16QAM	21.08	-1.69	17.24	PASS



Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band5	1.4	20407	6	#0	QPSK	LV	NT	-1.76	-0.002	PASS
Band5	1.4	20407	6	#0	QPSK	NV	NT	-2.15	-0.003	PASS
Band5	1.4	20407	6	#0	QPSK	HV	NT	-1.37	-0.002	PASS
Band5	1.4	20407	6	#0	16QAM	LV	NT	-2.26	-0.003	PASS
Band5	1.4	20407	6	#0	16QAM	NV	NT	-1.32	-0.002	PASS
Band5	1.4	20407	6	#0	16QAM	HV	NT	-2.60	-0.003	PASS
Band5	1.4	20525	6	#0	QPSK	LV	NT	-1.07	-0.001	PASS
Band5	1.4	20525	6	#0	QPSK	NV	NT	-1.23	-0.001	PASS
Band5	1.4	20525	6	#0	QPSK	HV	NT	-1.23	-0.001	PASS
Band5	1.4	20525	6	#0	16QAM	LV	NT	-0.99	-0.001	PASS
Band5	1.4	20525	6	#0	16QAM	NV	NT	-2.10	-0.003	PASS
Band5	1.4	20525	6	#0	16QAM	HV	NT	-1.09	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	LV	NT	-1.10	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	NT	-0.67	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	HV	NT	-0.44	-0.001	PASS
Band5	1.4	20643	6	#0	16QAM	LV	NT	-1.04	-0.001	PASS
Band5	1.4	20643	6	#0	16QAM	NV	NT	-0.14	0.000	PASS
Band5	1.4	20643	6	#0	16QAM	HV	NT	0.06	0.000	PASS
Band5	3	20415	15	#0	QPSK	LV	NT	-1.24	-0.002	PASS
Band5	3	20415	15	#0	QPSK	NV	NT	-0.62	-0.001	PASS
Band5	3	20415	15	#0	QPSK	HV	NT	-0.47	-0.001	PASS
Band5	3	20415	15	#0	16QAM	LV	NT	-0.07	0.000	PASS
Band5	3	20415	15	#0	16QAM	NV	NT	-0.13	0.000	PASS
Band5	3	20415	15	#0	16QAM	HV	NT	-1.10	-0.001	PASS
Band5	3	20525	15	#0	QPSK	LV	NT	-1.17	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	NT	-1.60	-0.002	PASS
Band5	3	20525	15	#0	QPSK	HV	NT	-1.56	-0.002	PASS
Band5	3	20525	15	#0	16QAM	LV	NT	-2.33	-0.003	PASS
Band5	3	20525	15	#0	16QAM	NV	NT	-1.87	-0.002	PASS
Band5	3	20525	15	#0	16QAM	HV	NT	-2.33	-0.003	PASS
Band5	3	20635	15	#0	QPSK	LV	NT	-3.10	-0.004	PASS
Band5	3	20635	15	#0	QPSK	NV	NT	-2.27	-0.003	PASS
Band5	3	20635	15	#0	QPSK	HV	NT	-2.86	-0.003	PASS
Band5	3	20635	15	#0	16QAM	LV	NT	-3.06	-0.004	PASS
Band5	3	20635	15	#0	16QAM	NV	NT	-3.16	-0.004	PASS
Band5	3	20635	15	#0	16QAM	HV	NT	-1.96	-0.002	PASS
Band5	5	20425	25	#0	QPSK	LV	NT	-1.49	-0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	NT	-1.87	-0.002	PASS

Band5	5	20425	25	#0	QPSK	HV	NT	-1.69	-0.002	PASS
Band5	5	20425	25	#0	16QAM	LV	NT	-1.34	-0.002	PASS
Band5	5	20425	25	#0	16QAM	NV	NT	-1.54	-0.002	PASS
Band5	5	20425	25	#0	16QAM	HV	NT	-1.19	-0.001	PASS
Band5	5	20525	25	#0	QPSK	LV	NT	-1.03	-0.001	PASS
Band5	5	20525	25	#0	QPSK	NV	NT	-0.80	-0.001	PASS
Band5	5	20525	25	#0	QPSK	HV	NT	-1.26	-0.002	PASS
Band5	5	20525	25	#0	16QAM	LV	NT	-0.92	-0.001	PASS
Band5	5	20525	25	#0	16QAM	NV	NT	-1.95	-0.002	PASS
Band5	5	20525	25	#0	16QAM	HV	NT	-1.03	-0.001	PASS
Band5	5	20625	25	#0	QPSK	LV	NT	-0.90	-0.001	PASS
Band5	5	20625	25	#0	QPSK	NV	NT	0.31	0.000	PASS
Band5	5	20625	25	#0	QPSK	HV	NT	1.02	0.001	PASS
Band5	5	20625	25	#0	16QAM	LV	NT	-0.50	-0.001	PASS
Band5	5	20625	25	#0	16QAM	NV	NT	-0.34	0.000	PASS
Band5	5	20625	25	#0	16QAM	HV	NT	-0.16	0.000	PASS
Band5	10	20450	50	#0	QPSK	LV	NT	-0.41	0.000	PASS
Band5	10	20450	50	#0	QPSK	NV	NT	-0.96	-0.001	PASS
Band5	10	20450	50	#0	QPSK	HV	NT	-0.90	-0.001	PASS
Band5	10	20450	50	#0	16QAM	LV	NT	-1.26	-0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	NT	-1.63	-0.002	PASS
Band5	10	20450	50	#0	16QAM	HV	NT	-0.97	-0.001	PASS
Band5	10	20525	50	#0	QPSK	LV	NT	-0.59	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	NT	-0.83	-0.001	PASS
Band5	10	20525	50	#0	QPSK	HV	NT	-1.03	-0.001	PASS
Band5	10	20525	50	#0	16QAM	LV	NT	-1.19	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	NT	-1.53	-0.002	PASS
Band5	10	20525	50	#0	16QAM	HV	NT	-1.42	-0.002	PASS
Band5	10	20600	50	#0	QPSK	LV	NT	-0.96	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	NT	-1.62	-0.002	PASS
Band5	10	20600	50	#0	QPSK	HV	NT	-1.37	-0.002	PASS
Band5	10	20600	50	#0	16QAM	LV	NT	-1.69	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	NT	-1.62	-0.002	PASS
Band5	10	20600	50	#0	16QAM	HV	NT	-0.94	-0.001	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band5	1.4	20407	6	#0	QPSK	NV	-30	-2.02	-0.002	PASS
Band5	1.4	20407	6	#0	QPSK	NV	-20	-1.70	-0.002	PASS
Band5	1.4	20407	6	#0	QPSK	NV	-10	-0.77	-0.001	PASS
Band5	1.4	20407	6	#0	QPSK	NV	0	-1.43	-0.002	PASS
Band5	1.4	20407	6	#0	QPSK	NV	10	-1.39	-0.002	PASS
Band5	1.4	20407	6	#0	QPSK	NV	20	-1.65	-0.002	PASS

Band5	1.4	20407	6	#0	QPSK	NV	30	-0.84	-0.001	PASS
Band5	1.4	20407	6	#0	QPSK	NV	40	-2.20	-0.003	PASS
Band5	1.4	20407	6	#0	QPSK	NV	50	-1.76	-0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-30	-2.62	-0.003	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-20	-2.13	-0.003	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-10	-1.37	-0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	0	-1.52	-0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	10	-1.33	-0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	20	-1.92	-0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	30	-2.43	-0.003	PASS
Band5	1.4	20407	6	#0	16QAM	NV	40	-1.79	-0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	50	-1.66	-0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-30	0.03	0.000	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-20	-0.76	-0.001	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-10	-1.14	-0.001	PASS
Band5	1.4	20525	6	#0	QPSK	NV	0	-1.09	-0.001	PASS
Band5	1.4	20525	6	#0	QPSK	NV	10	-0.60	-0.001	PASS
Band5	1.4	20525	6	#0	QPSK	NV	20	-1.34	-0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	30	-0.23	0.000	PASS
Band5	1.4	20525	6	#0	QPSK	NV	40	-0.36	0.000	PASS
Band5	1.4	20525	6	#0	QPSK	NV	50	-0.79	-0.001	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-30	-0.70	-0.001	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-20	-1.13	-0.001	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-10	-0.93	-0.001	PASS
Band5	1.4	20525	6	#0	16QAM	NV	0	-1.09	-0.001	PASS
Band5	1.4	20525	6	#0	16QAM	NV	10	-1.40	-0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	20	-1.43	-0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	30	-1.32	-0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	40	-1.39	-0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	50	-1.14	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-30	-1.27	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-20	-0.82	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-10	0.07	0.000	PASS
Band5	1.4	20643	6	#0	QPSK	NV	0	-0.51	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	10	-0.60	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	20	-1.12	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	30	-0.24	0.000	PASS
Band5	1.4	20643	6	#0	QPSK	NV	40	-0.01	0.000	PASS
Band5	1.4	20643	6	#0	QPSK	NV	50	-0.74	-0.001	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-30	-1.17	-0.001	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-20	0.00	0.000	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-10	-1.67	-0.002	PASS
Band5	1.4	20643	6	#0	16QAM	NV	0	-1.03	-0.001	PASS

Band5	1.4	20643	6	#0	16QAM	NV	10	-0.69	-0.001	PASS
Band5	1.4	20643	6	#0	16QAM	NV	20	-0.97	-0.001	PASS
Band5	1.4	20643	6	#0	16QAM	NV	30	0.00	0.000	PASS
Band5	1.4	20643	6	#0	16QAM	NV	40	-0.30	0.000	PASS
Band5	1.4	20643	6	#0	16QAM	NV	50	-0.90	-0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	-30	-1.23	-0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	-20	-0.69	-0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	-10	-0.89	-0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	0	-1.14	-0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	10	-0.79	-0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	20	-0.23	0.000	PASS
Band5	3	20415	15	#0	QPSK	NV	30	-1.44	-0.002	PASS
Band5	3	20415	15	#0	QPSK	NV	40	-1.17	-0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	50	-0.63	-0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	-30	-0.92	-0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	-20	0.20	0.000	PASS
Band5	3	20415	15	#0	16QAM	NV	-10	-0.73	-0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	0	-0.44	-0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	10	-0.10	0.000	PASS
Band5	3	20415	15	#0	16QAM	NV	20	-0.37	0.000	PASS
Band5	3	20415	15	#0	16QAM	NV	30	-0.83	-0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	40	-0.63	-0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	50	-0.53	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	-30	-0.66	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	-20	-0.77	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	-10	-0.92	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	0	-0.53	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	10	-1.23	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	20	-1.04	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	30	-0.40	0.000	PASS
Band5	3	20525	15	#0	QPSK	NV	40	-0.57	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	50	-0.33	0.000	PASS
Band5	3	20525	15	#0	16QAM	NV	-30	-1.63	-0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	-20	-0.72	-0.001	PASS
Band5	3	20525	15	#0	16QAM	NV	-10	-1.52	-0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	0	-1.10	-0.001	PASS
Band5	3	20525	15	#0	16QAM	NV	10	-1.40	-0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	20	-2.22	-0.003	PASS
Band5	3	20525	15	#0	16QAM	NV	30	-0.97	-0.001	PASS
Band5	3	20525	15	#0	16QAM	NV	40	-1.96	-0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	50	-1.85	-0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	-30	-1.66	-0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	-20	-2.15	-0.003	PASS

Band5	3	20635	15	#0	QPSK	NV	-10	-0.90	-0.001	PASS
Band5	3	20635	15	#0	QPSK	NV	0	-1.87	-0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	10	-1.77	-0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	20	-1.30	-0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	30	-1.47	-0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	40	-1.53	-0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	50	-1.65	-0.002	PASS
Band5	3	20635	15	#0	16QAM	NV	-30	-1.53	-0.002	PASS
Band5	3	20635	15	#0	16QAM	NV	-20	-1.30	-0.002	PASS
Band5	3	20635	15	#0	16QAM	NV	-10	-1.39	-0.002	PASS
Band5	3	20635	15	#0	16QAM	NV	0	-1.90	-0.002	PASS
Band5	3	20635	15	#0	16QAM	NV	10	-1.70	-0.002	PASS
Band5	3	20635	15	#0	16QAM	NV	20	-1.54	-0.002	PASS
Band5	3	20635	15	#0	16QAM	NV	30	-0.72	-0.001	PASS
Band5	3	20635	15	#0	16QAM	NV	40	-2.26	-0.003	PASS
Band5	3	20635	15	#0	16QAM	NV	50	-1.32	-0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	-30	-0.99	-0.001	PASS
Band5	5	20425	25	#0	QPSK	NV	-20	-1.95	-0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	-10	-1.95	-0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	0	-1.76	-0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	10	-1.72	-0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	20	-1.34	-0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	30	-2.49	-0.003	PASS
Band5	5	20425	25	#0	QPSK	NV	40	-1.85	-0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	50	-1.77	-0.002	PASS
Band5	5	20425	25	#0	16QAM	NV	-30	-2.15	-0.003	PASS
Band5	5	20425	25	#0	16QAM	NV	-20	-2.06	-0.002	PASS
Band5	5	20425	25	#0	16QAM	NV	-10	-1.73	-0.002	PASS
Band5	5	20425	25	#0	16QAM	NV	0	-2.09	-0.003	PASS
Band5	5	20425	25	#0	16QAM	NV	10	-1.90	-0.002	PASS
Band5	5	20425	25	#0	16QAM	NV	20	-1.79	-0.002	PASS
Band5	5	20425	25	#0	16QAM	NV	30	-1.72	-0.002	PASS
Band5	5	20425	25	#0	16QAM	NV	40	-2.33	-0.003	PASS
Band5	5	20425	25	#0	16QAM	NV	50	-2.50	-0.003	PASS
Band5	5	20525	25	#0	QPSK	NV	-30	-1.09	-0.001	PASS
Band5	5	20525	25	#0	QPSK	NV	-20	-1.09	-0.001	PASS
Band5	5	20525	25	#0	QPSK	NV	-10	-2.07	-0.002	PASS
Band5	5	20525	25	#0	QPSK	NV	0	-1.62	-0.002	PASS
Band5	5	20525	25	#0	QPSK	NV	10	-1.62	-0.002	PASS
Band5	5	20525	25	#0	QPSK	NV	20	-1.53	-0.002	PASS
Band5	5	20525	25	#0	QPSK	NV	30	-1.10	-0.001	PASS
Band5	5	20525	25	#0	QPSK	NV	40	-2.72	-0.003	PASS
Band5	5	20525	25	#0	QPSK	NV	50	-2.05	-0.002	PASS

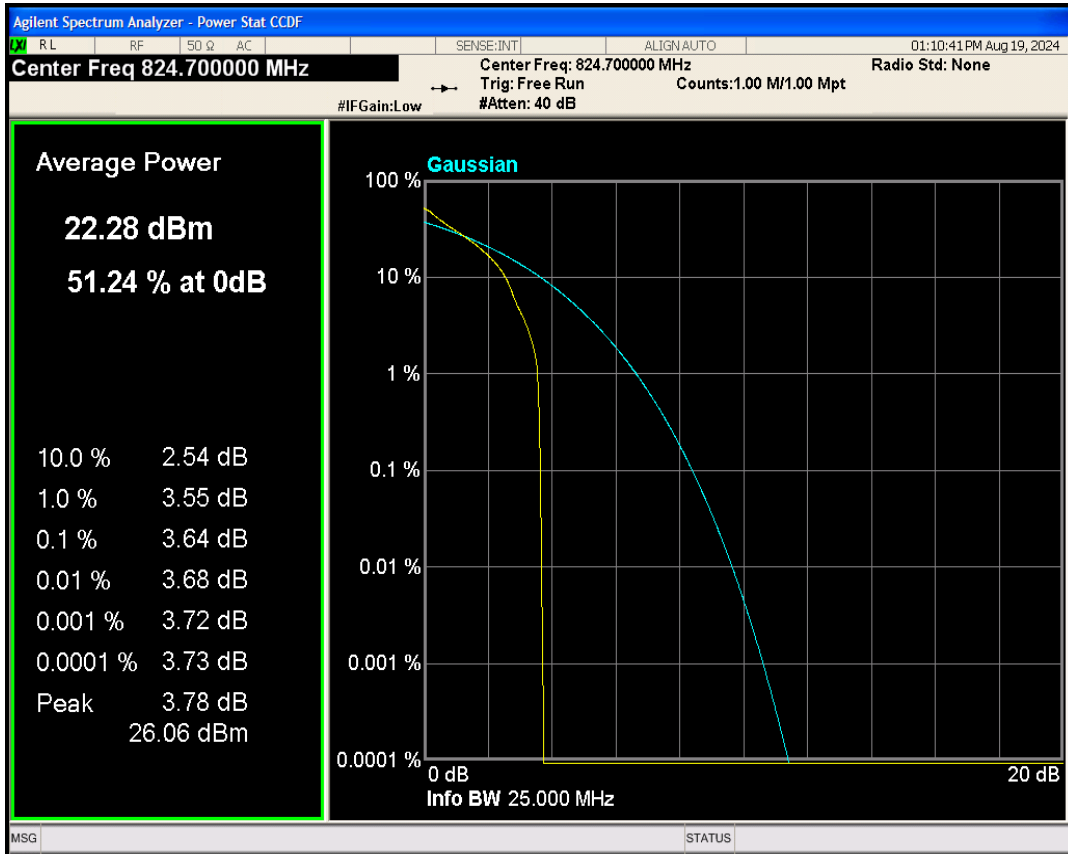
Band5	5	20525	25	#0	16QAM	NV	-30	-1.92	-0.002	PASS
Band5	5	20525	25	#0	16QAM	NV	-20	-1.73	-0.002	PASS
Band5	5	20525	25	#0	16QAM	NV	-10	-1.50	-0.002	PASS
Band5	5	20525	25	#0	16QAM	NV	0	-2.13	-0.003	PASS
Band5	5	20525	25	#0	16QAM	NV	10	-1.12	-0.001	PASS
Band5	5	20525	25	#0	16QAM	NV	20	-0.74	-0.001	PASS
Band5	5	20525	25	#0	16QAM	NV	30	-1.34	-0.002	PASS
Band5	5	20525	25	#0	16QAM	NV	40	-1.57	-0.002	PASS
Band5	5	20525	25	#0	16QAM	NV	50	-0.40	0.000	PASS
Band5	5	20625	25	#0	QPSK	NV	-30	-0.80	-0.001	PASS
Band5	5	20625	25	#0	QPSK	NV	-20	-0.44	-0.001	PASS
Band5	5	20625	25	#0	QPSK	NV	-10	-0.84	-0.001	PASS
Band5	5	20625	25	#0	QPSK	NV	0	-0.27	0.000	PASS
Band5	5	20625	25	#0	QPSK	NV	10	-0.64	-0.001	PASS
Band5	5	20625	25	#0	QPSK	NV	20	-1.12	-0.001	PASS
Band5	5	20625	25	#0	QPSK	NV	30	-0.94	-0.001	PASS
Band5	5	20625	25	#0	QPSK	NV	40	-1.27	-0.002	PASS
Band5	5	20625	25	#0	QPSK	NV	50	-0.27	0.000	PASS
Band5	5	20625	25	#0	16QAM	NV	-30	0.47	0.001	PASS
Band5	5	20625	25	#0	16QAM	NV	-20	-1.10	-0.001	PASS
Band5	5	20625	25	#0	16QAM	NV	-10	-0.76	-0.001	PASS
Band5	5	20625	25	#0	16QAM	NV	0	-0.36	0.000	PASS
Band5	5	20625	25	#0	16QAM	NV	10	-1.76	-0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	20	0.27	0.000	PASS
Band5	5	20625	25	#0	16QAM	NV	30	-0.24	0.000	PASS
Band5	5	20625	25	#0	16QAM	NV	40	-0.62	-0.001	PASS
Band5	5	20625	25	#0	16QAM	NV	50	-0.40	0.000	PASS
Band5	10	20450	50	#0	QPSK	NV	-30	-0.90	-0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	-20	-1.79	-0.002	PASS
Band5	10	20450	50	#0	QPSK	NV	-10	-0.47	-0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	0	-0.66	-0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	10	-1.32	-0.002	PASS
Band5	10	20450	50	#0	QPSK	NV	20	-1.06	-0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	30	-0.70	-0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	40	-1.14	-0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	50	-1.13	-0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	-30	-2.10	-0.003	PASS
Band5	10	20450	50	#0	16QAM	NV	-20	-0.96	-0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	-10	-1.23	-0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	0	-1.80	-0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	10	-0.60	-0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	20	-1.03	-0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	30	-0.93	-0.001	PASS

Band5	10	20450	50	#0	16QAM	NV	40	-1.09	-0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	50	-0.82	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	-30	-0.83	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	-20	-1.10	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	-10	-1.29	-0.002	PASS
Band5	10	20525	50	#0	QPSK	NV	0	-0.60	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	10	-1.43	-0.002	PASS
Band5	10	20525	50	#0	QPSK	NV	20	-1.34	-0.002	PASS
Band5	10	20525	50	#0	QPSK	NV	30	-0.99	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	40	-1.06	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	50	-1.29	-0.002	PASS
Band5	10	20525	50	#0	16QAM	NV	-30	-0.19	0.000	PASS
Band5	10	20525	50	#0	16QAM	NV	-20	-1.44	-0.002	PASS
Band5	10	20525	50	#0	16QAM	NV	-10	-0.60	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	0	-1.46	-0.002	PASS
Band5	10	20525	50	#0	16QAM	NV	10	-1.16	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	20	-0.72	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	30	-1.59	-0.002	PASS
Band5	10	20525	50	#0	16QAM	NV	40	-1.76	-0.002	PASS
Band5	10	20525	50	#0	16QAM	NV	50	-0.54	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	-30	-1.24	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	-20	-1.57	-0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	-10	-1.37	-0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	0	-1.09	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	10	-0.67	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	20	-2.16	-0.003	PASS
Band5	10	20600	50	#0	QPSK	NV	30	-1.53	-0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	40	-1.23	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	50	-1.47	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	-30	-0.57	-0.001	PASS
Band5	10	20600	50	#0	16QAM	NV	-20	-0.89	-0.001	PASS
Band5	10	20600	50	#0	16QAM	NV	-10	-0.33	0.000	PASS
Band5	10	20600	50	#0	16QAM	NV	0	-1.80	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	10	-1.40	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	20	-1.56	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	30	-1.89	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	40	-1.52	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	50	-1.03	-0.001	PASS

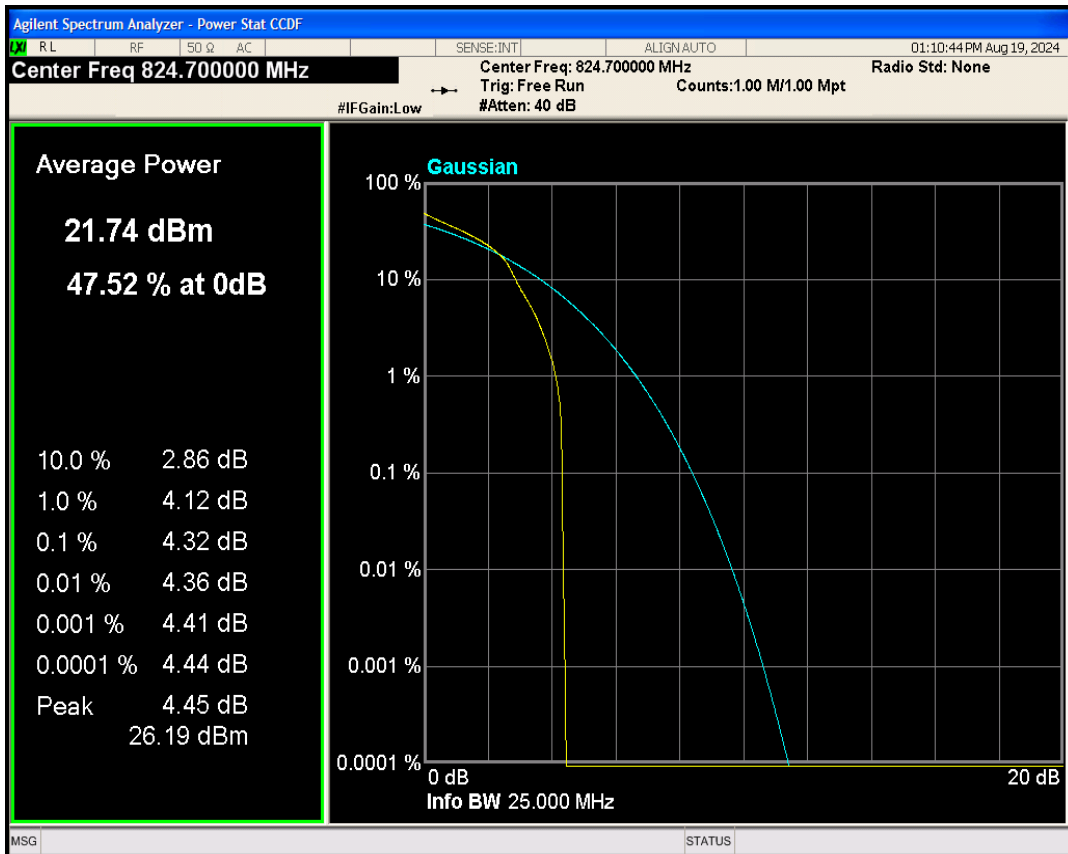
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	1.4	20407	1	#0	QPSK	3.64	13	PASS
Band5	1.4	20407	1	#0	16QAM	4.32	13	PASS
Band5	1.4	20525	1	#0	QPSK	4.49	13	PASS
Band5	1.4	20525	1	#0	16QAM	5.30	13	PASS
Band5	1.4	20643	1	#0	QPSK	4.15	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.04	13	PASS
Band5	3	20415	1	#0	QPSK	3.53	13	PASS
Band5	3	20415	1	#0	16QAM	4.38	13	PASS
Band5	3	20525	1	#0	QPSK	4.43	13	PASS
Band5	3	20525	1	#0	16QAM	5.24	13	PASS
Band5	3	20635	1	#0	QPSK	3.94	13	PASS
Band5	3	20635	1	#0	16QAM	4.77	13	PASS
Band5	5	20425	1	#0	QPSK	3.49	13	PASS
Band5	5	20425	1	#0	16QAM	4.51	13	PASS
Band5	5	20525	1	#0	QPSK	4.59	13	PASS
Band5	5	20525	1	#0	16QAM	5.38	13	PASS
Band5	5	20625	1	#0	QPSK	4.06	13	PASS
Band5	5	20625	1	#0	16QAM	4.78	13	PASS
Band5	10	20450	1	#0	QPSK	3.45	13	PASS
Band5	10	20450	1	#0	16QAM	4.28	13	PASS
Band5	10	20525	1	#0	QPSK	4.65	13	PASS
Band5	10	20525	1	#0	16QAM	5.60	13	PASS
Band5	10	20600	1	#0	QPSK	4.45	13	PASS
Band5	10	20600	1	#0	16QAM	5.33	13	PASS

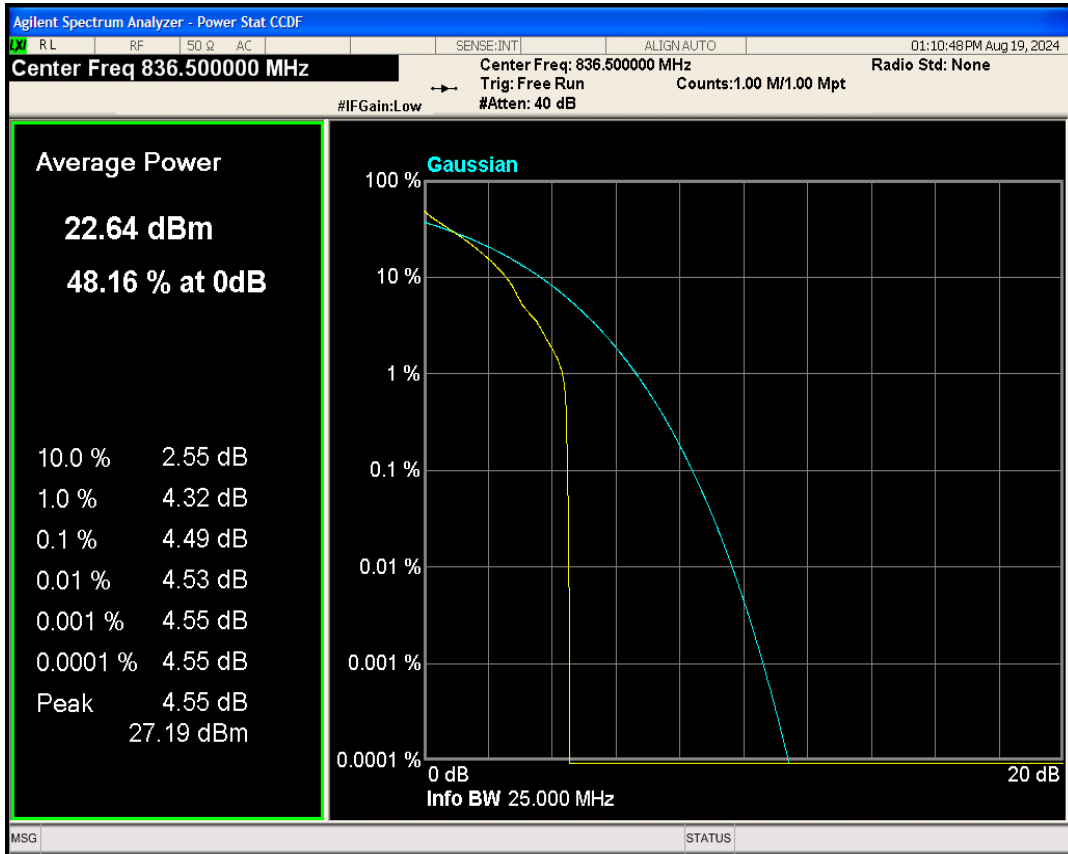
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



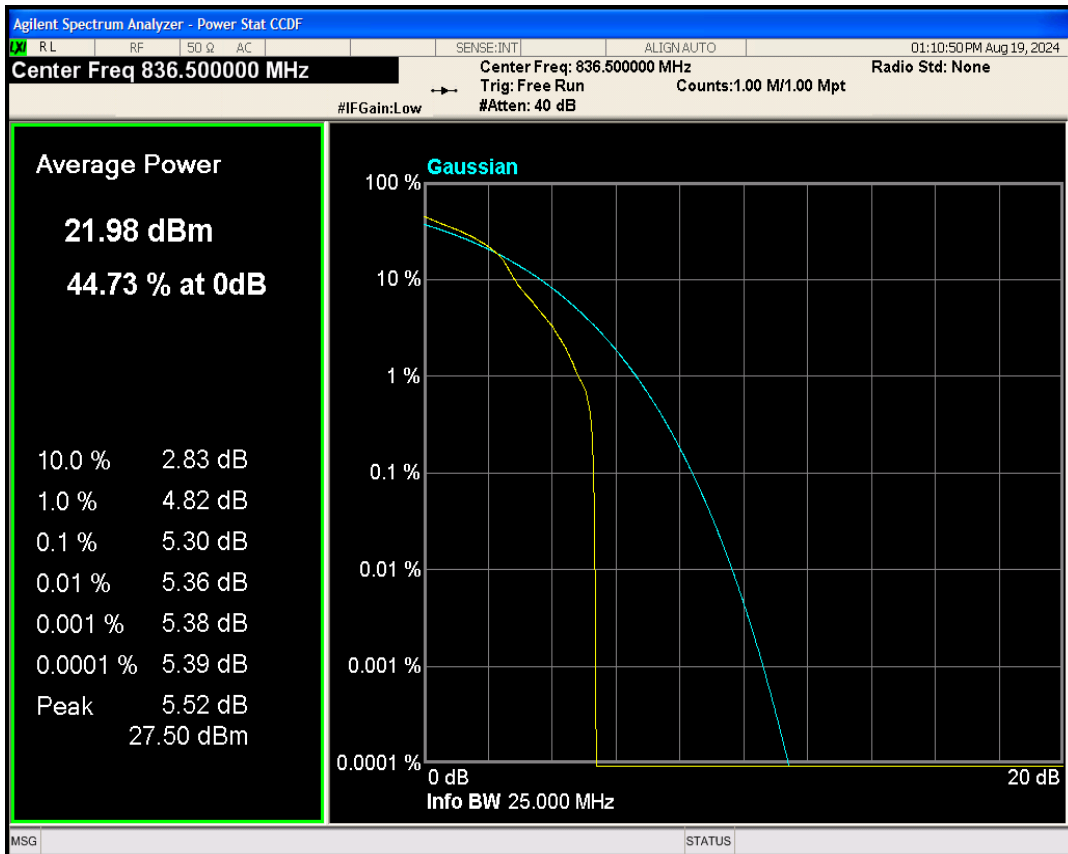
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



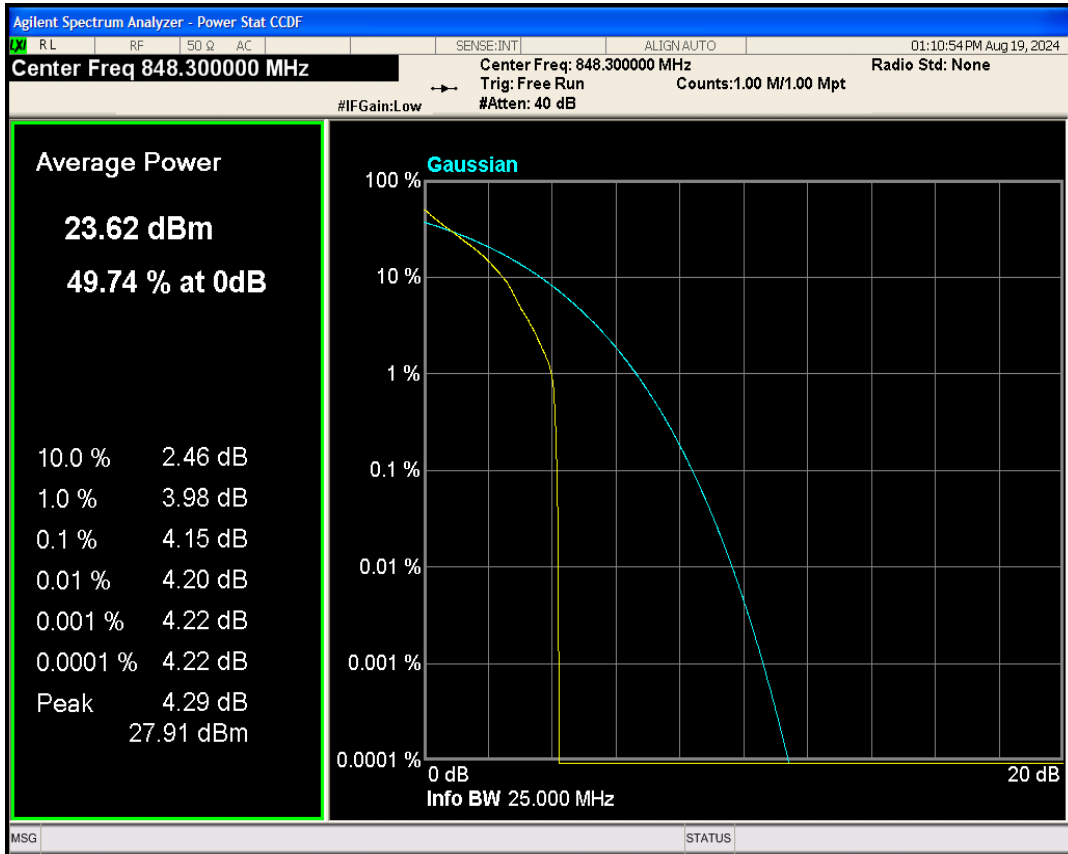
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



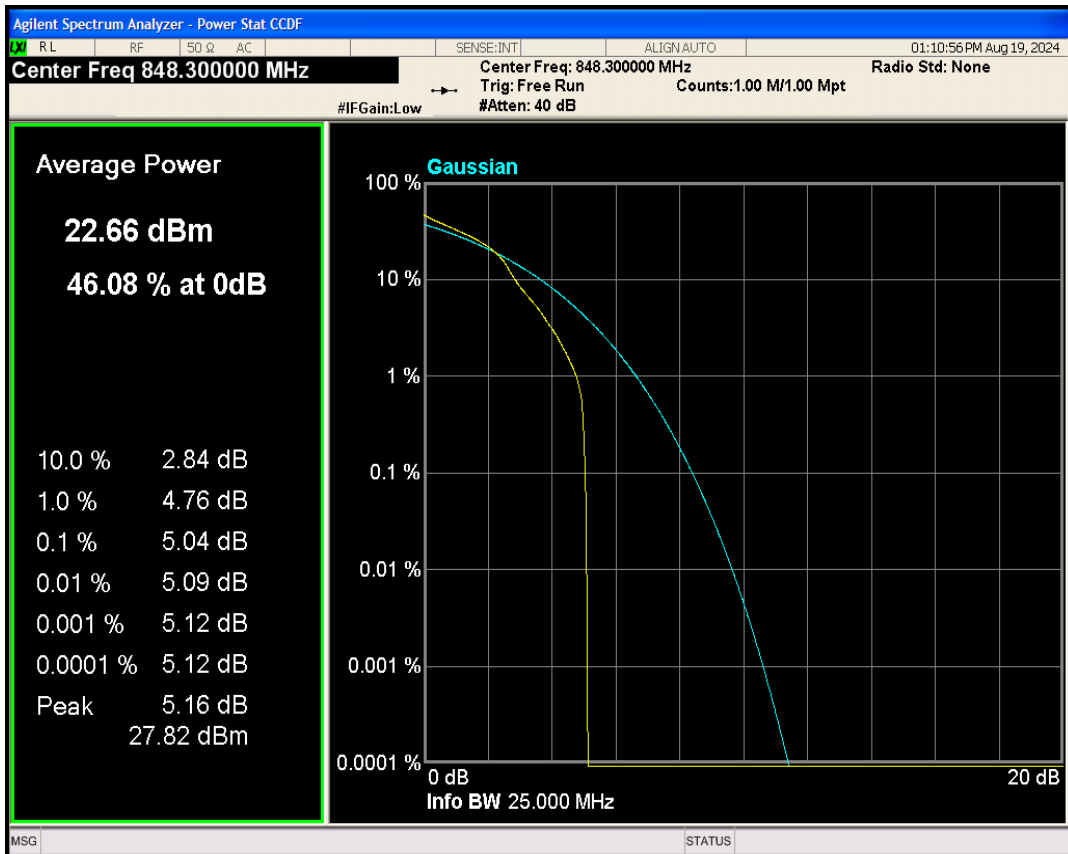
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



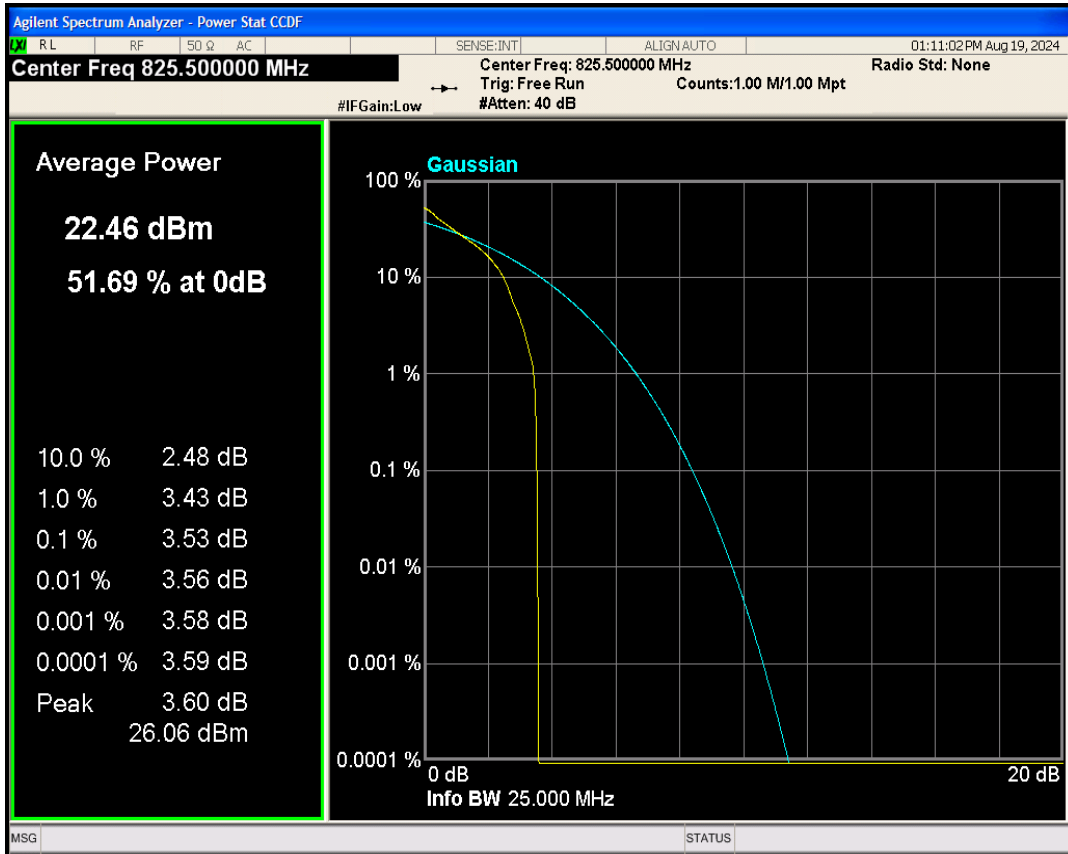
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



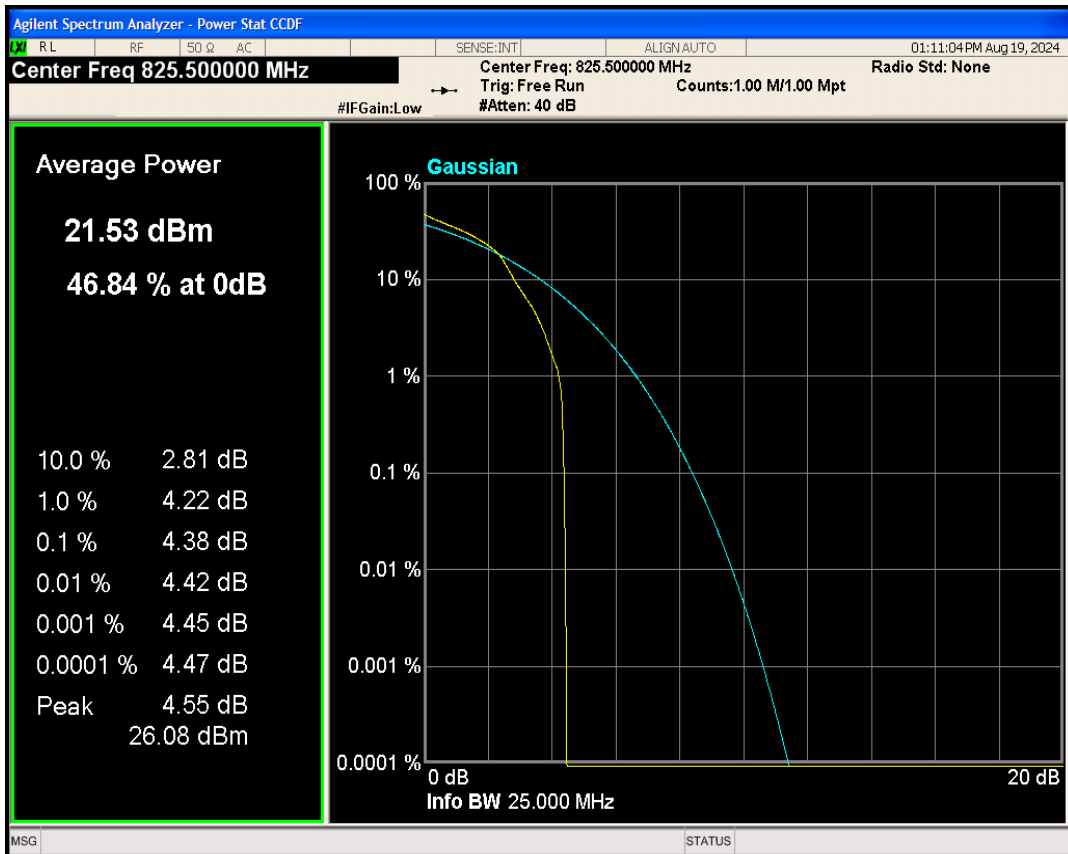
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



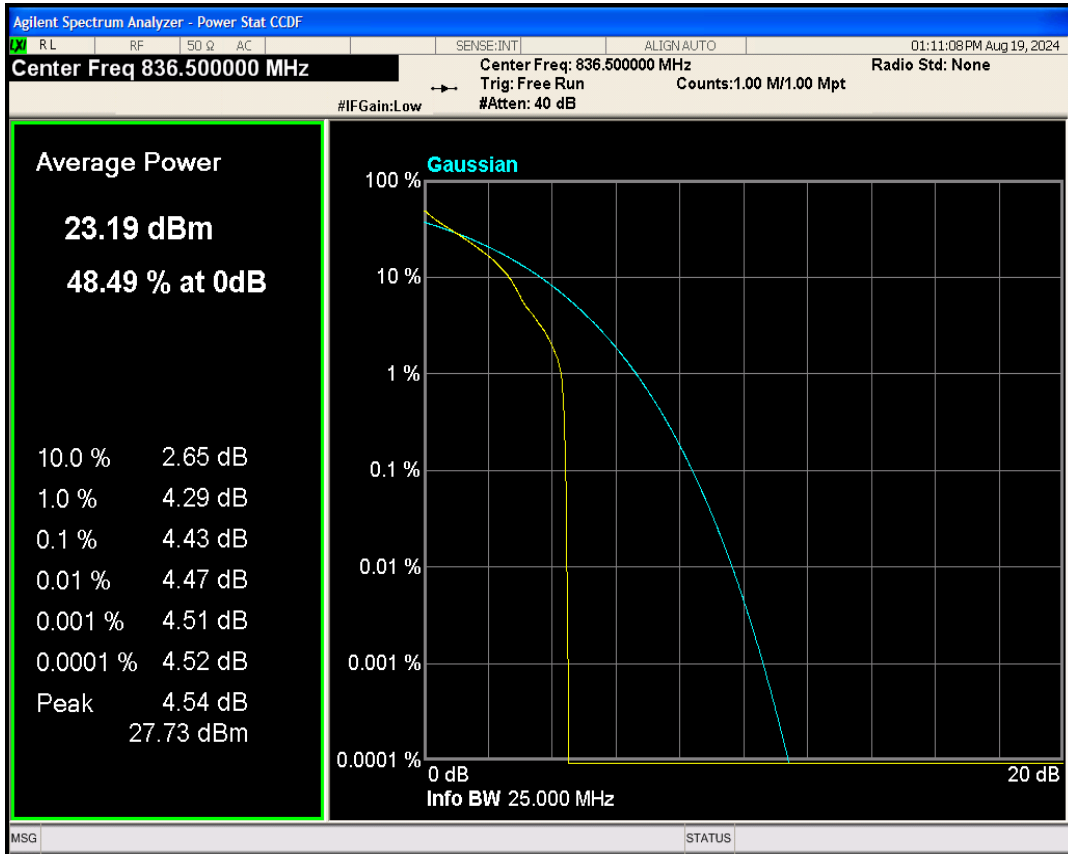
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



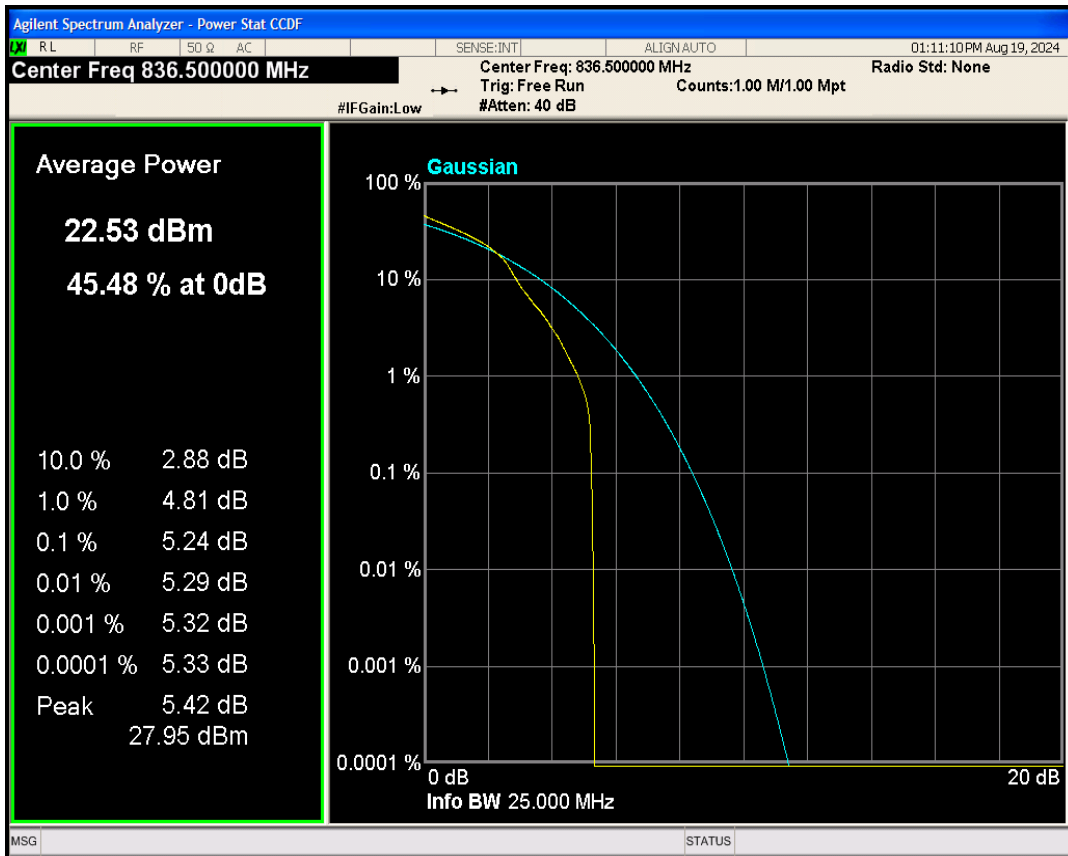
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



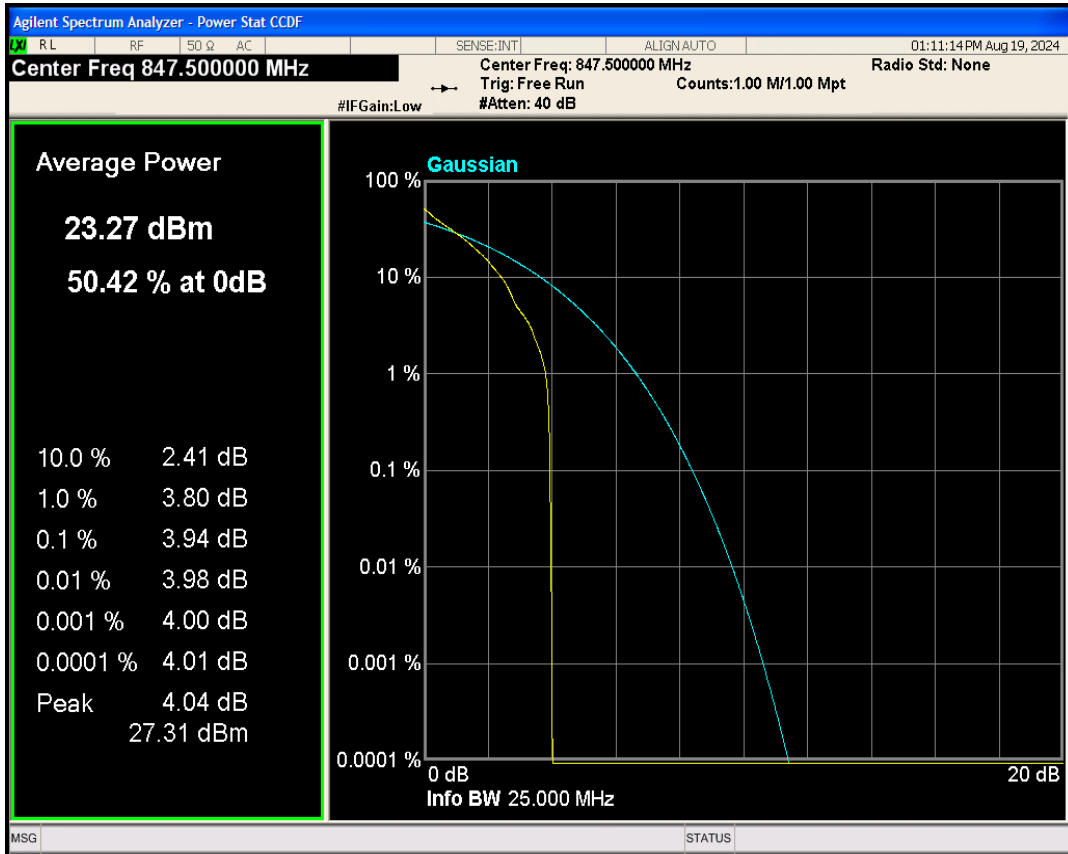
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



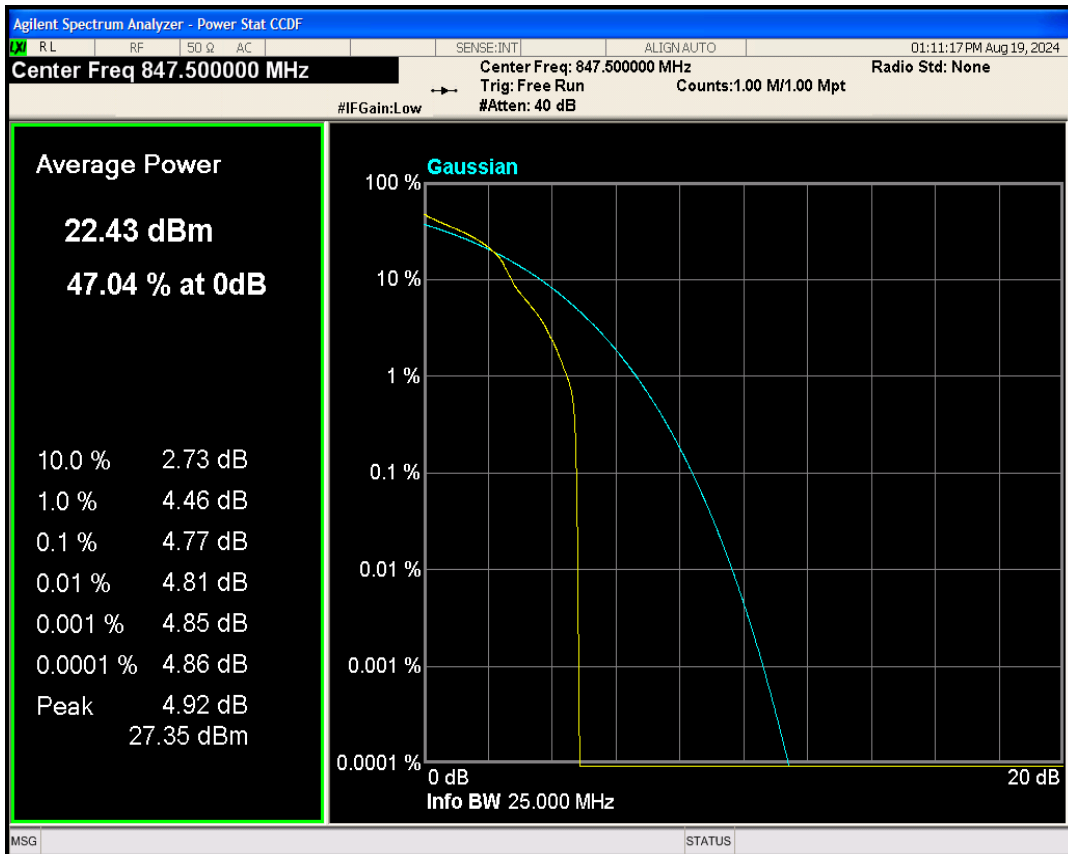
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



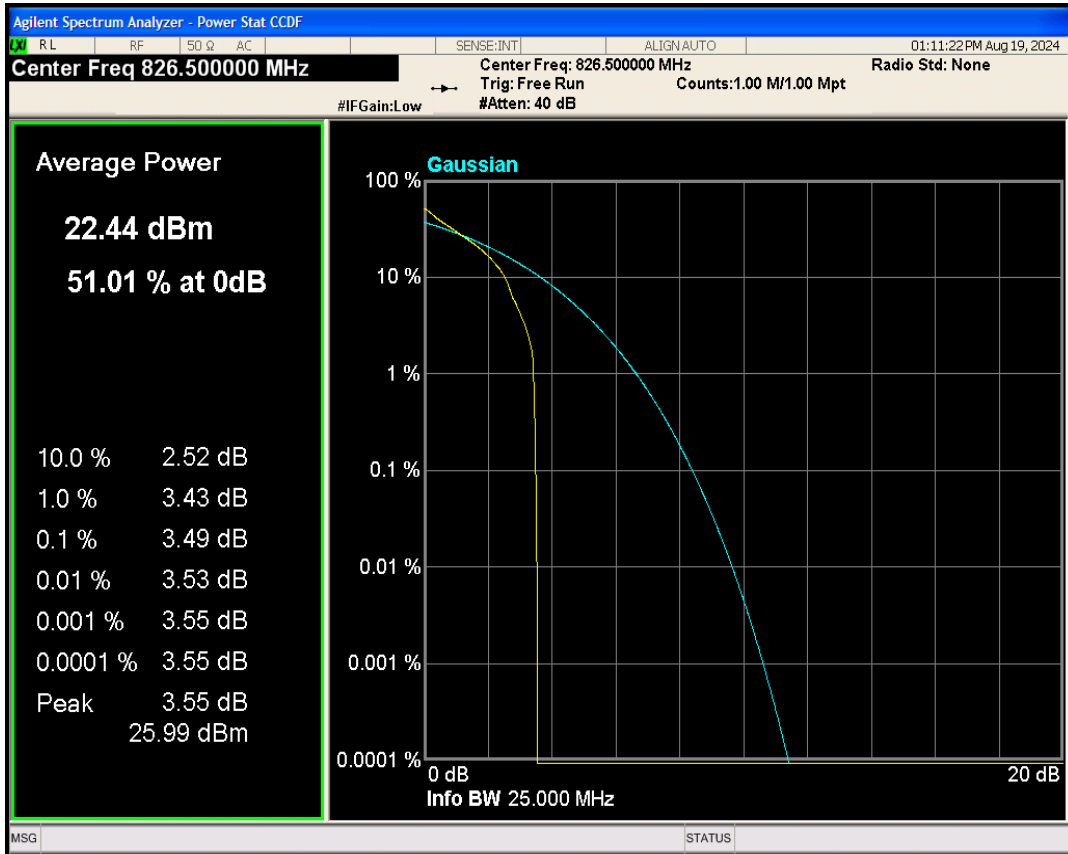
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



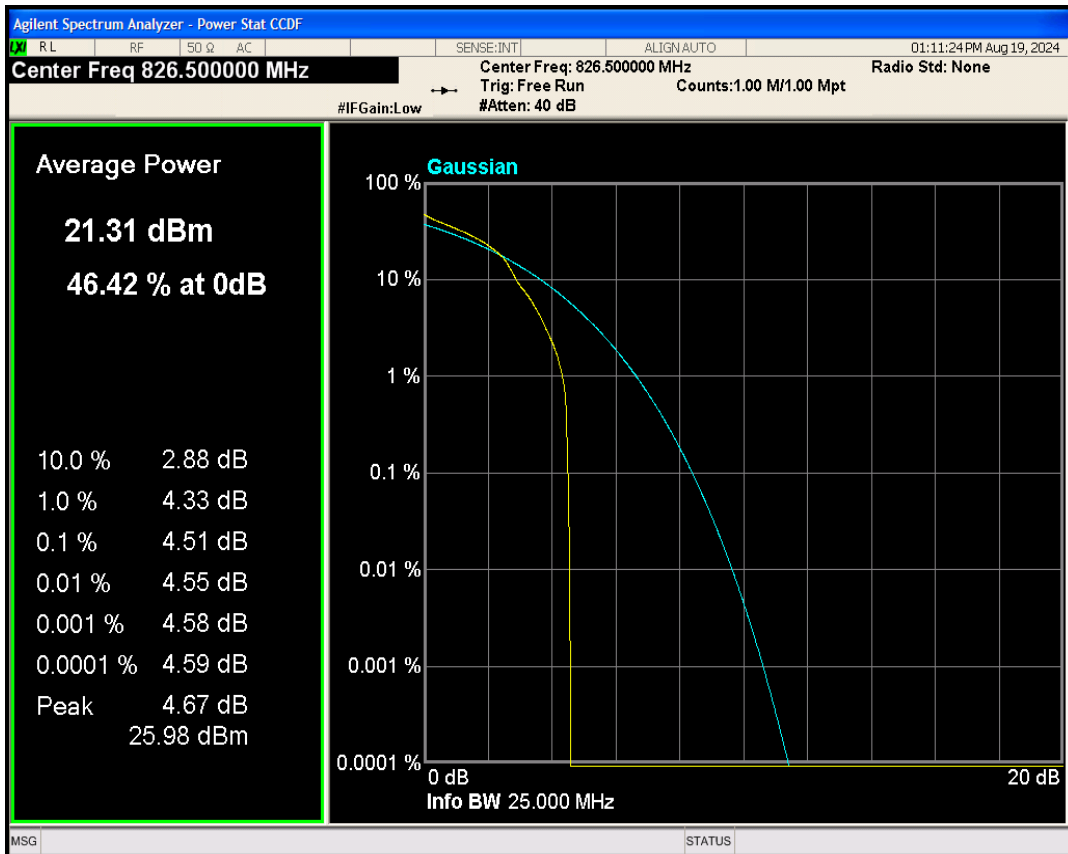
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



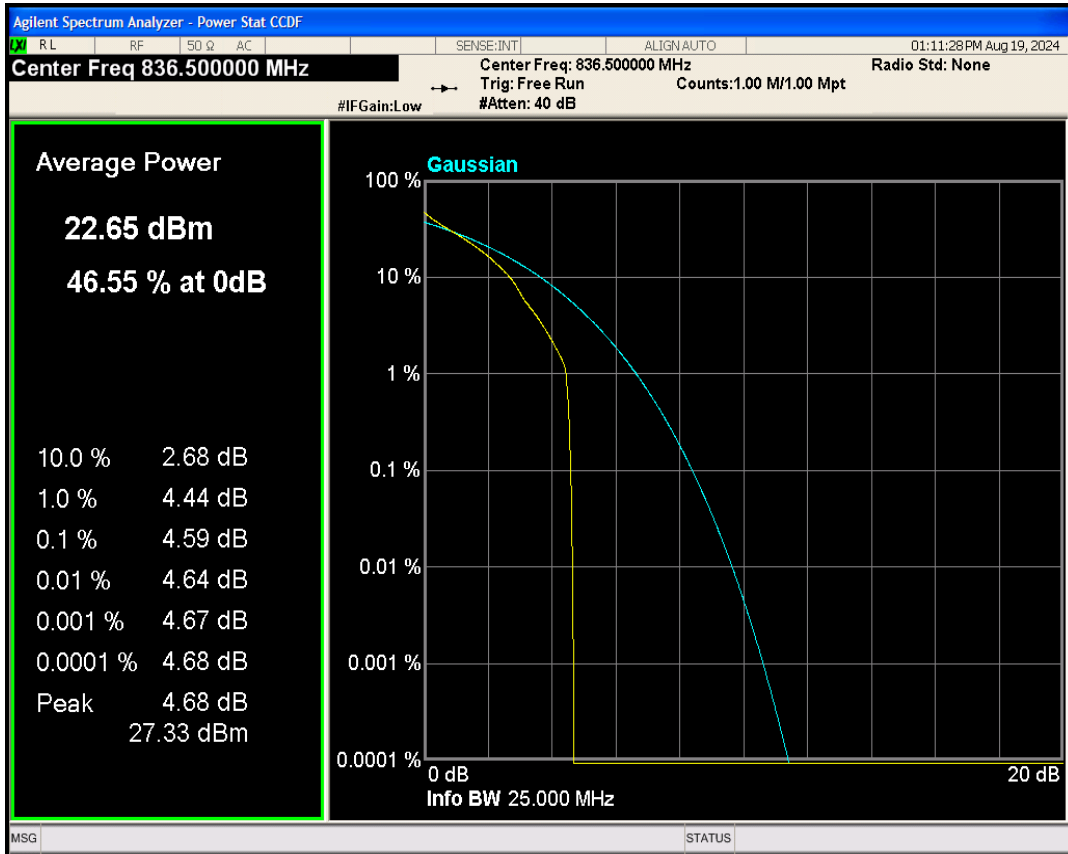
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



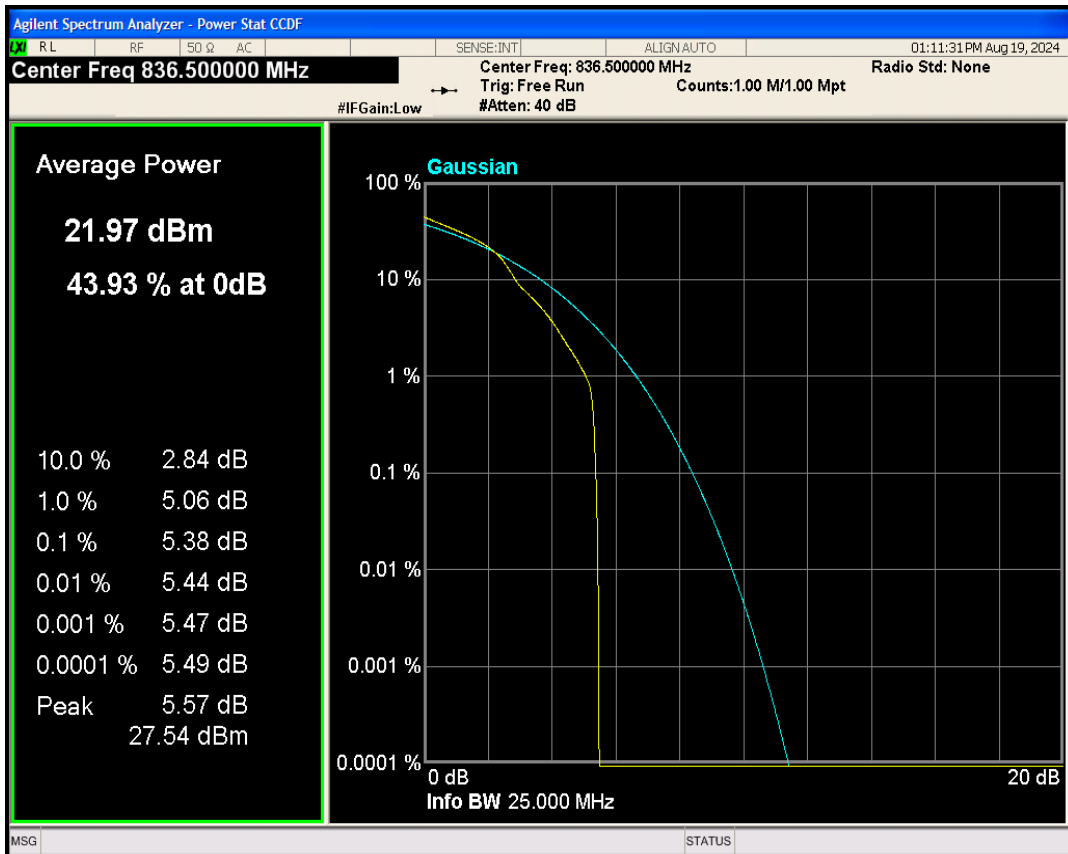
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



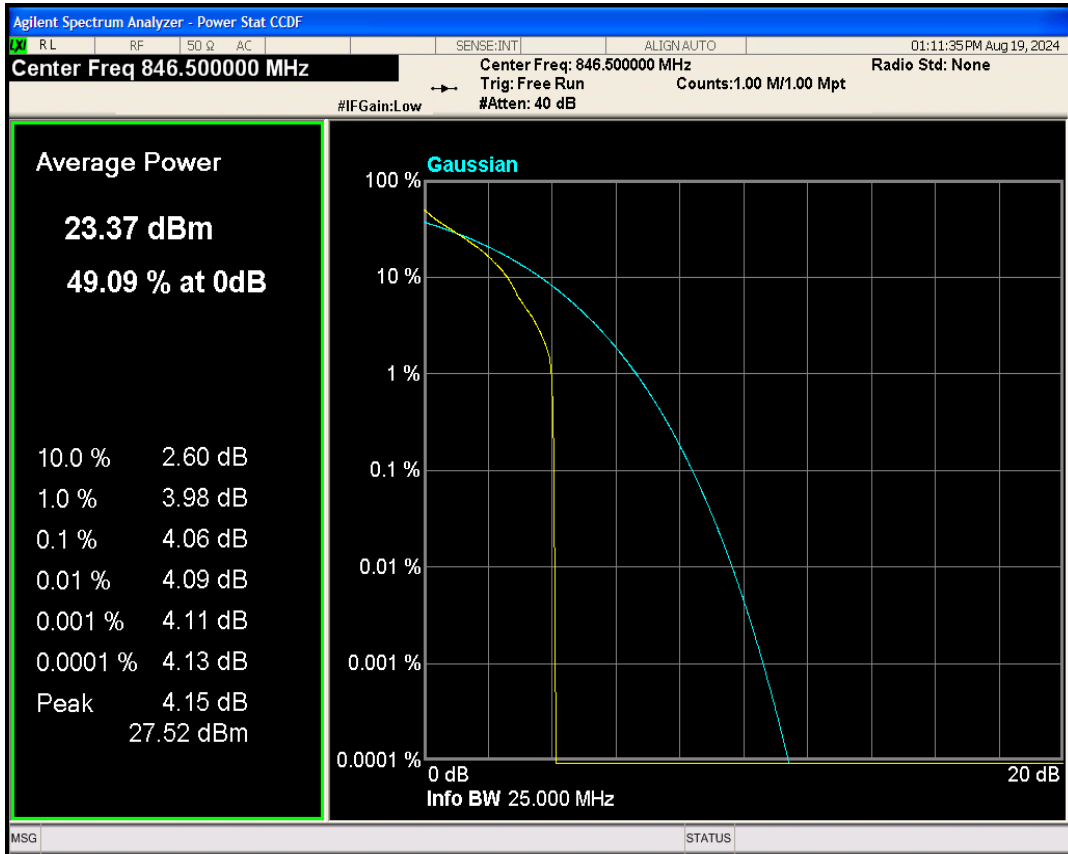
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



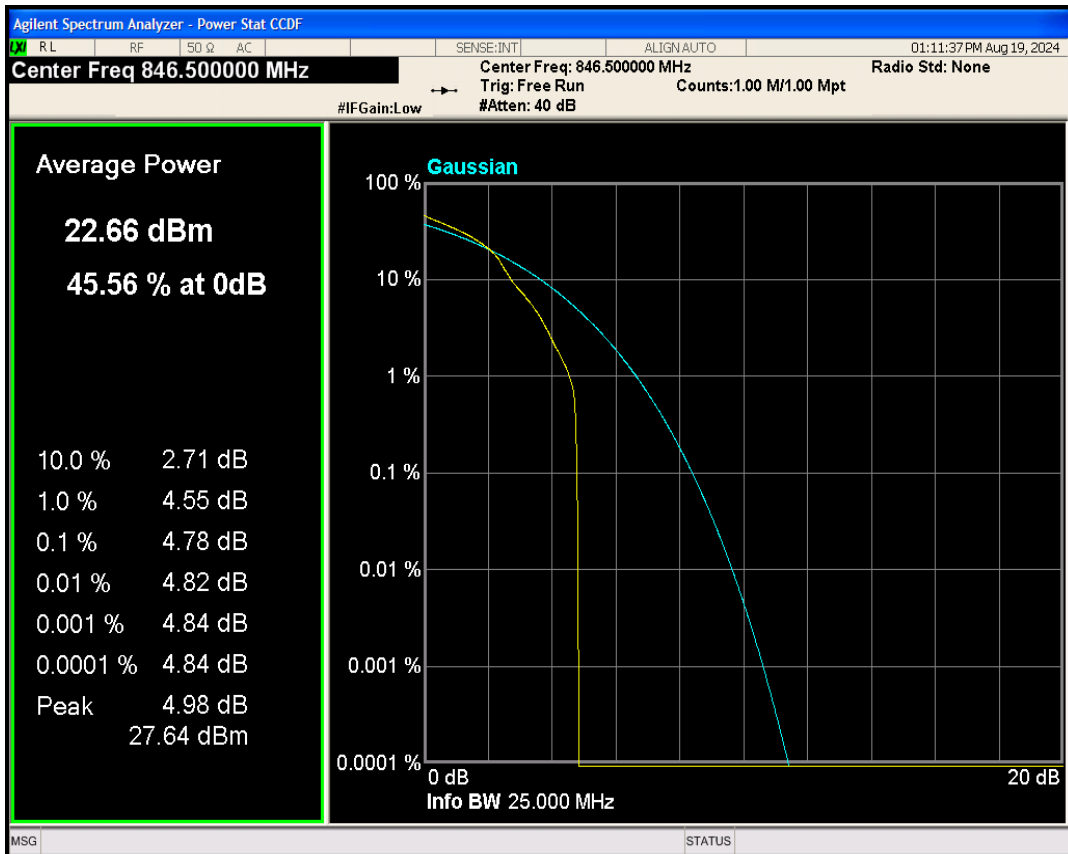
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



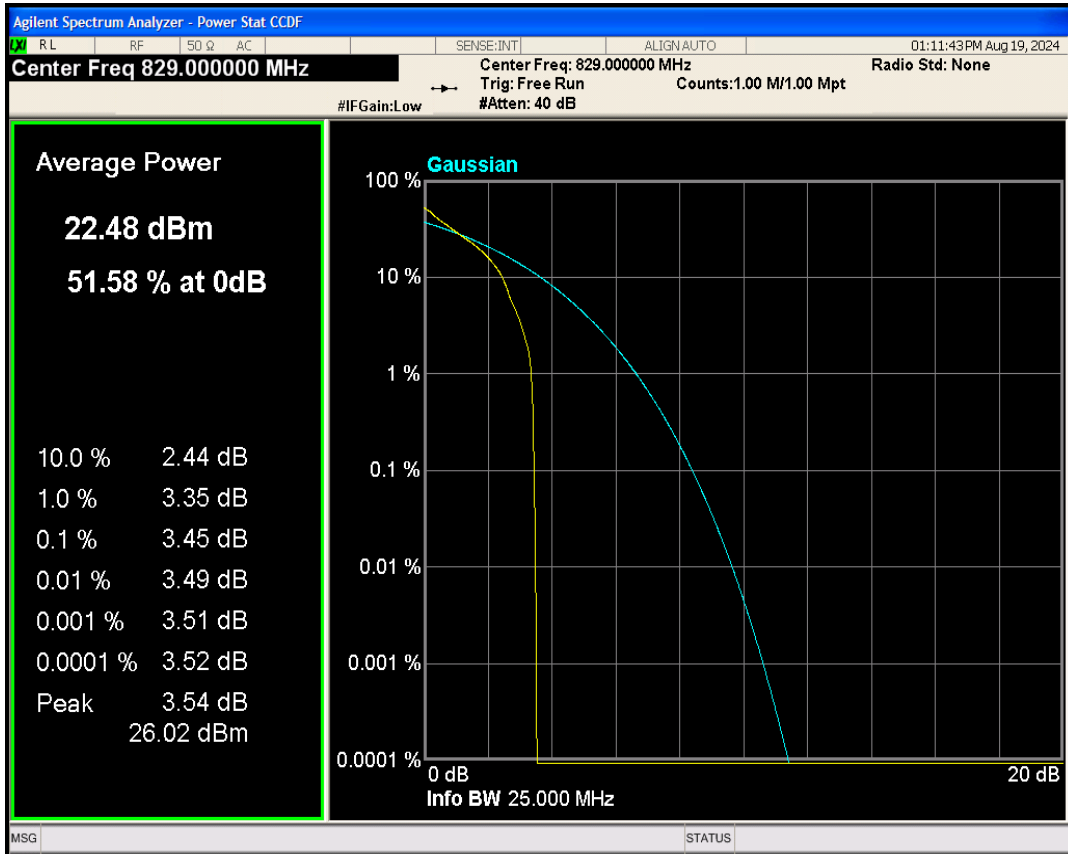
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



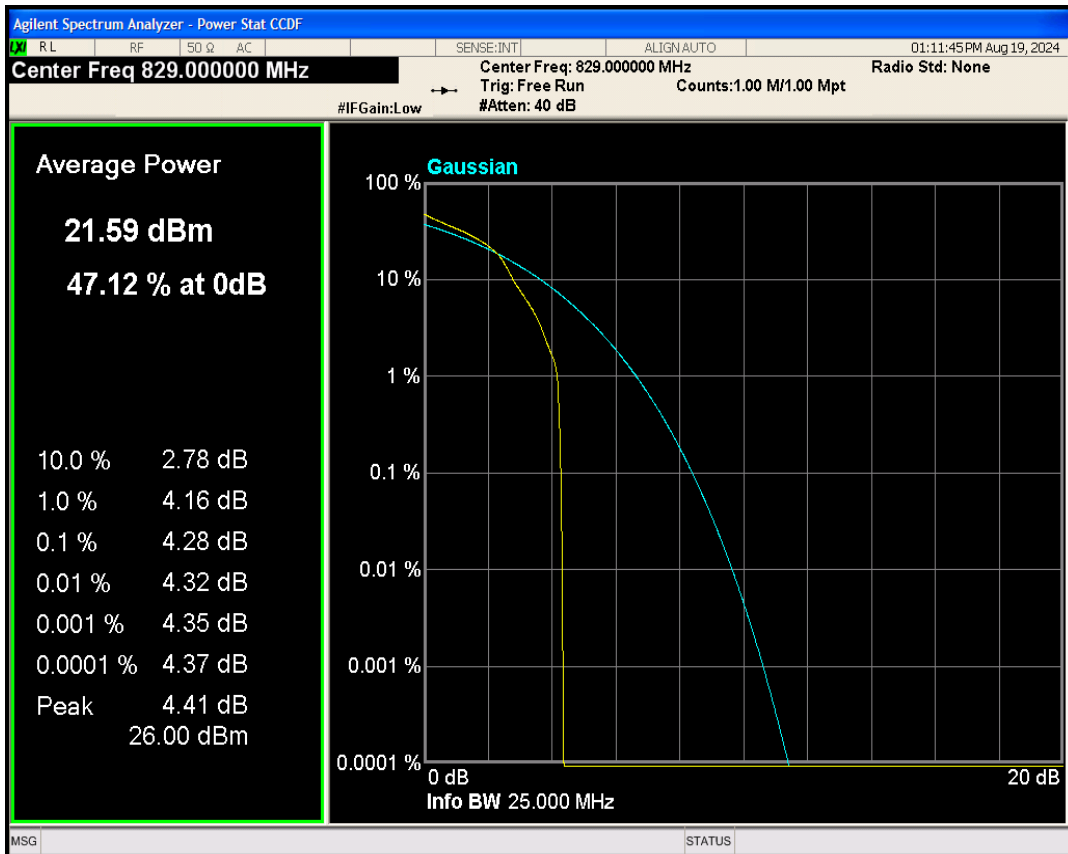
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



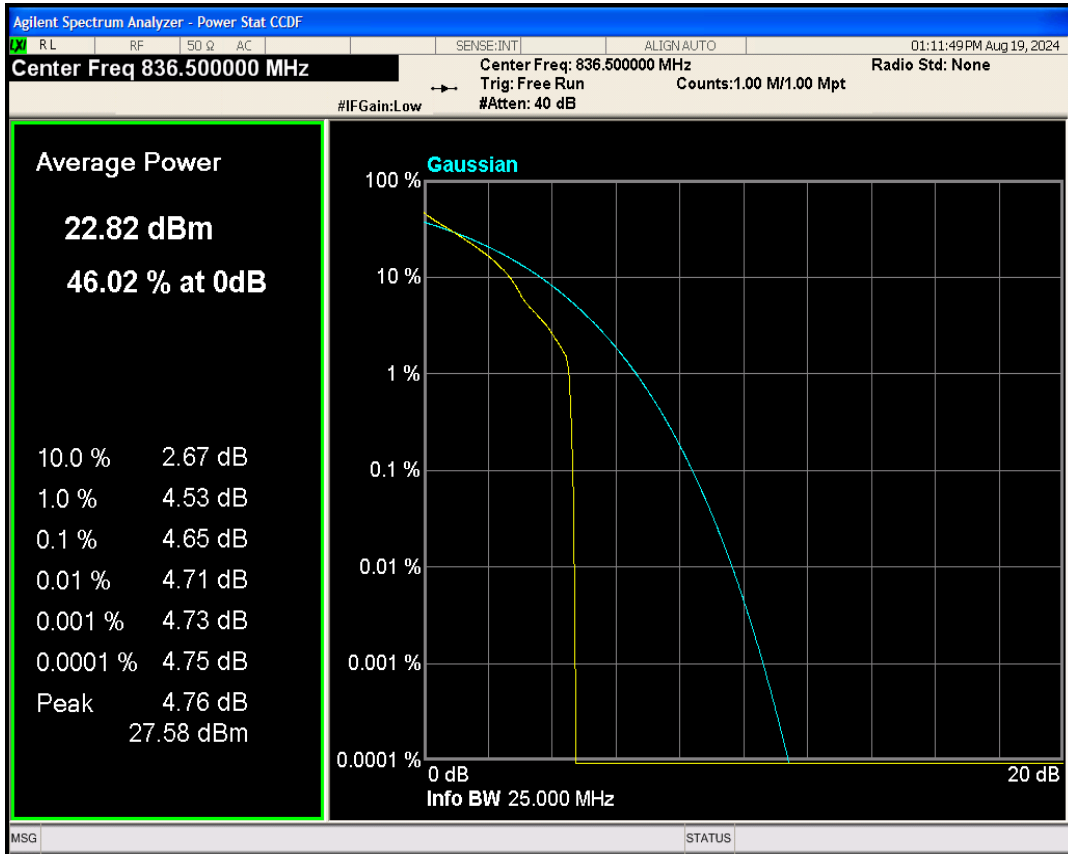
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



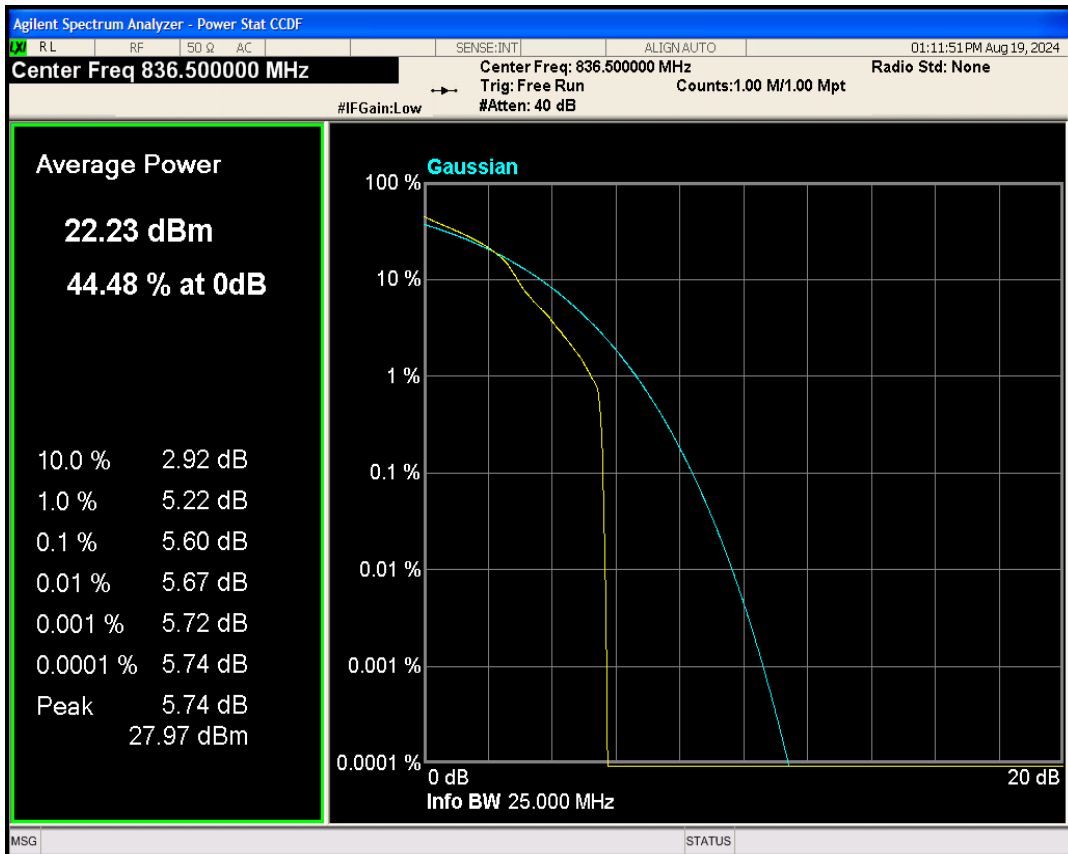
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



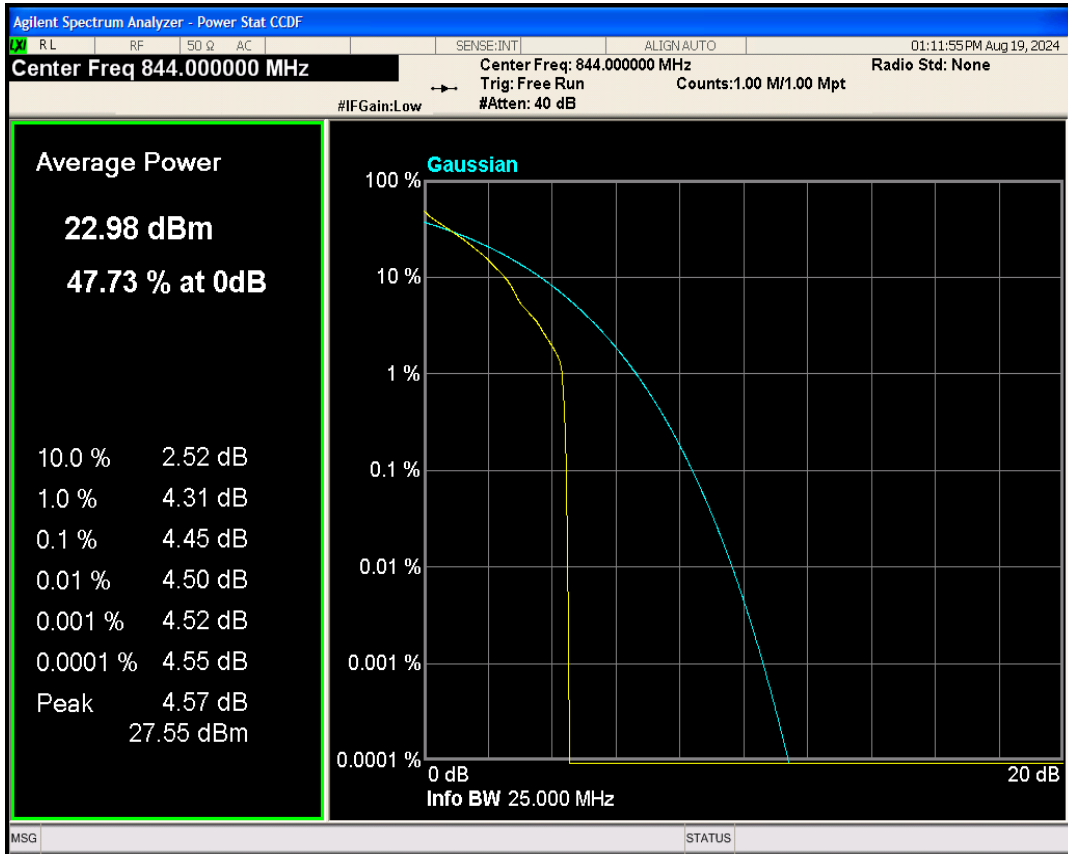
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



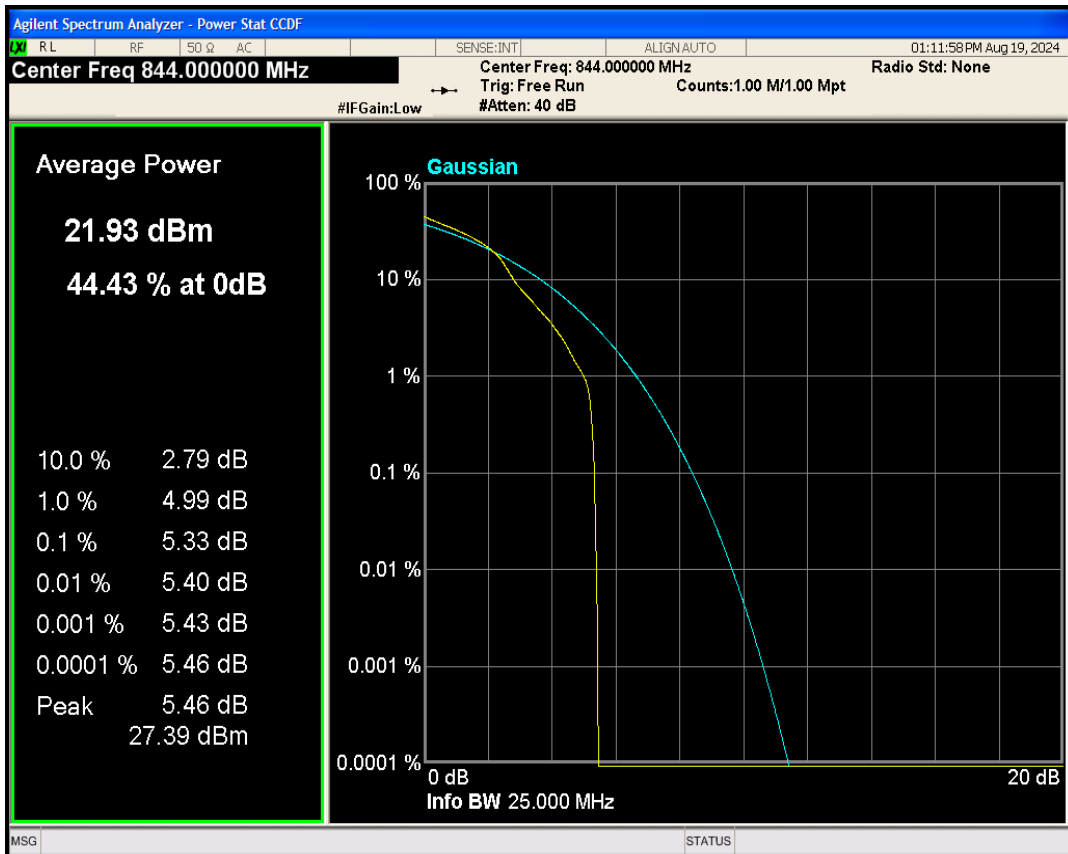
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



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



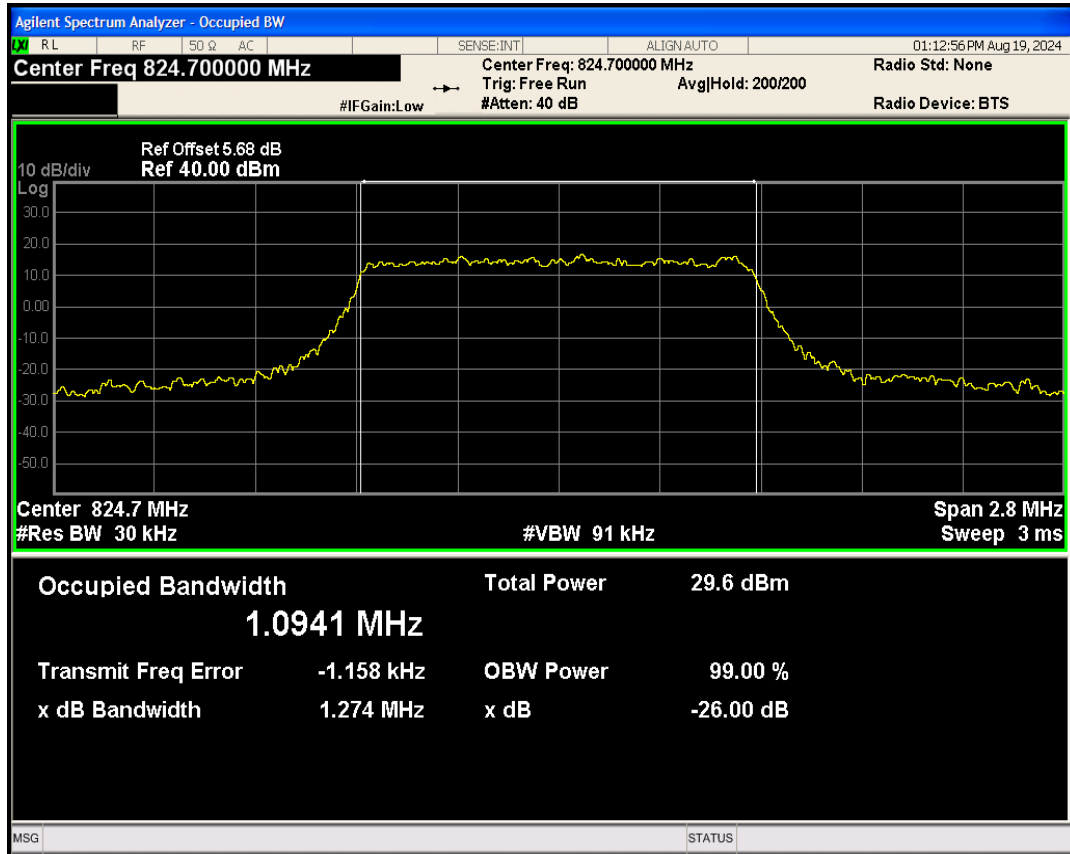
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



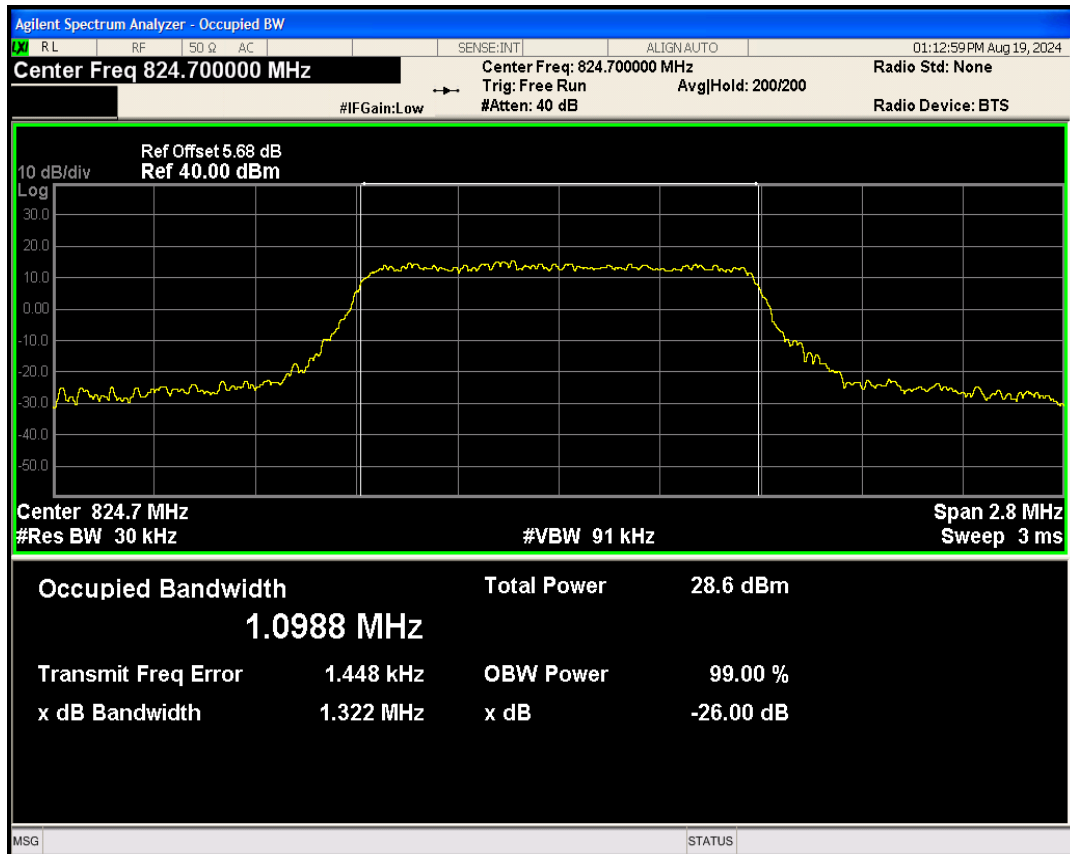
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.094	1.274	PASS
Band5	1.4	20407	6	#0	16QAM	1.099	1.322	PASS
Band5	1.4	20525	6	#0	QPSK	1.092	1.277	PASS
Band5	1.4	20525	6	#0	16QAM	1.103	1.298	PASS
Band5	1.4	20643	6	#0	QPSK	1.095	1.299	PASS
Band5	1.4	20643	6	#0	16QAM	1.090	1.284	PASS
Band5	3	20415	15	#0	QPSK	2.694	2.968	PASS
Band5	3	20415	15	#0	16QAM	2.710	3.004	PASS
Band5	3	20525	15	#0	QPSK	2.691	2.942	PASS
Band5	3	20525	15	#0	16QAM	2.705	2.999	PASS
Band5	3	20635	15	#0	QPSK	2.701	2.980	PASS
Band5	3	20635	15	#0	16QAM	2.696	3.013	PASS
Band5	5	20425	25	#0	QPSK	4.528	5.034	PASS
Band5	5	20425	25	#0	16QAM	4.521	5.012	PASS
Band5	5	20525	25	#0	QPSK	4.508	4.974	PASS
Band5	5	20525	25	#0	16QAM	4.512	4.936	PASS
Band5	5	20625	25	#0	QPSK	4.522	4.935	PASS
Band5	5	20625	25	#0	16QAM	4.515	5.015	PASS
Band5	10	20450	50	#0	QPSK	9.006	9.891	PASS
Band5	10	20450	50	#0	16QAM	8.999	9.815	PASS
Band5	10	20525	50	#0	QPSK	8.954	9.807	PASS
Band5	10	20525	50	#0	16QAM	8.973	9.700	PASS
Band5	10	20600	50	#0	QPSK	8.964	9.804	PASS
Band5	10	20600	50	#0	16QAM	8.943	9.694	PASS

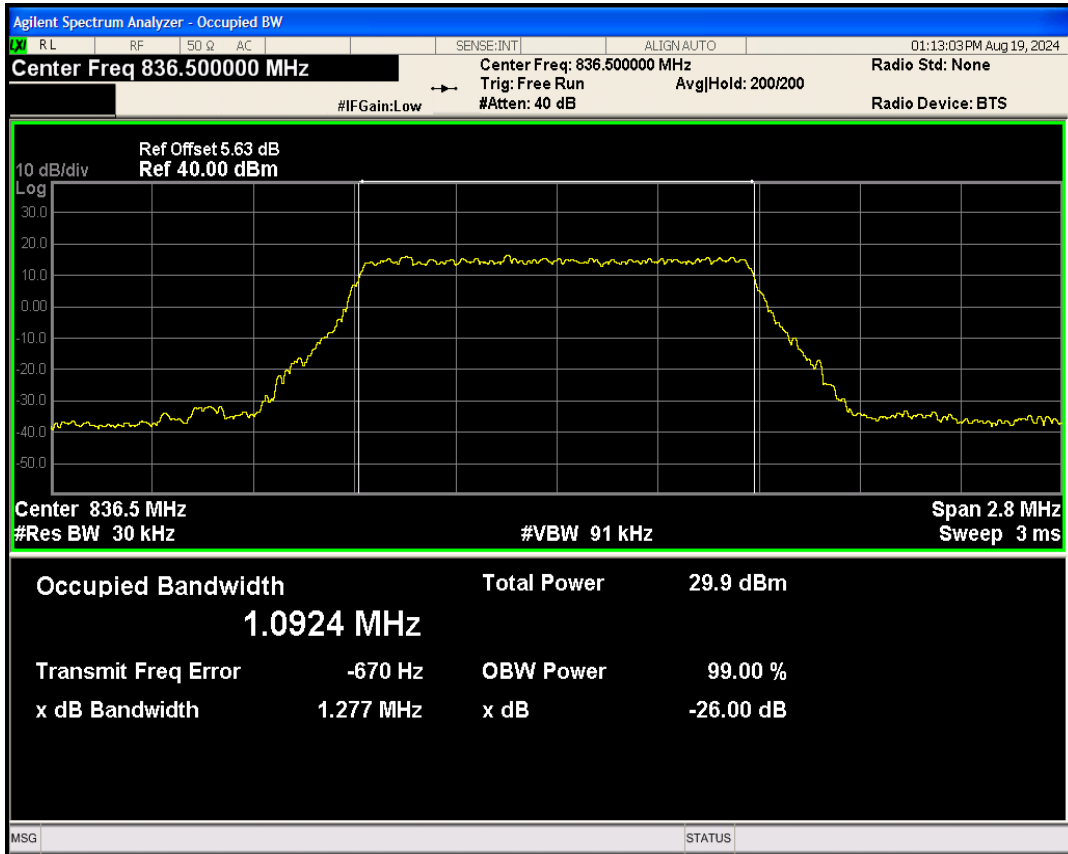
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



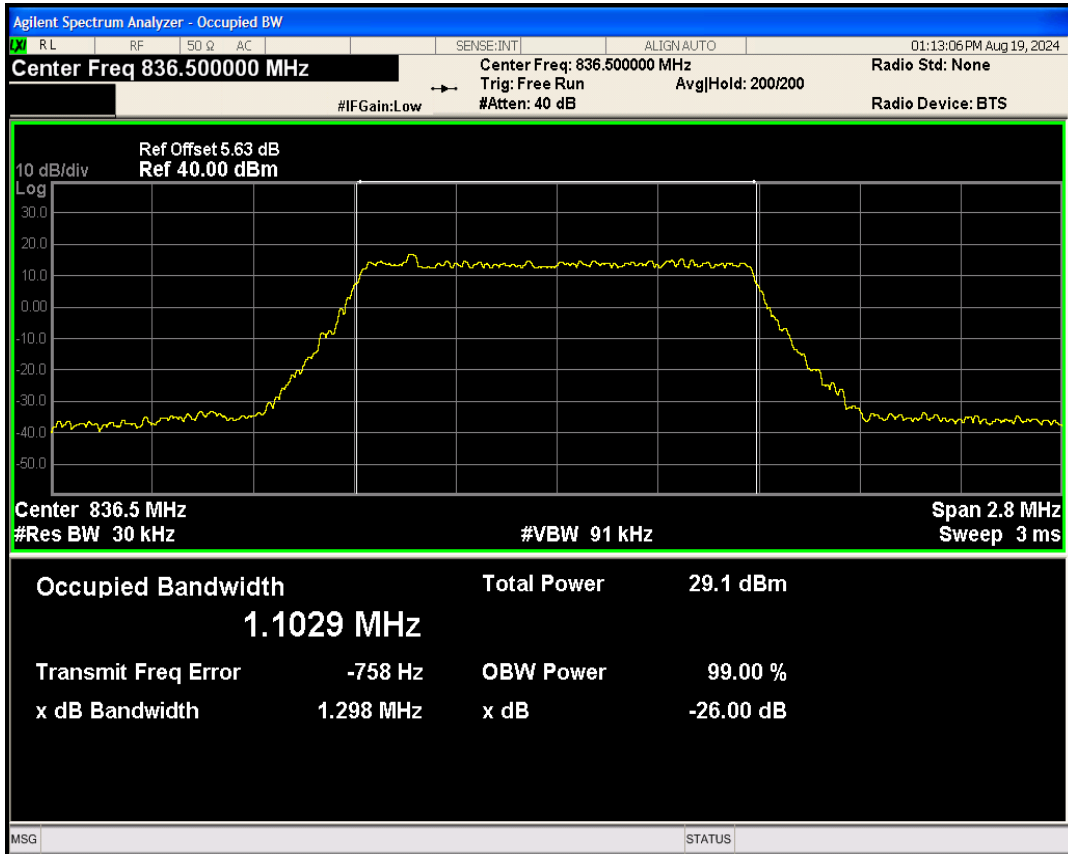
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



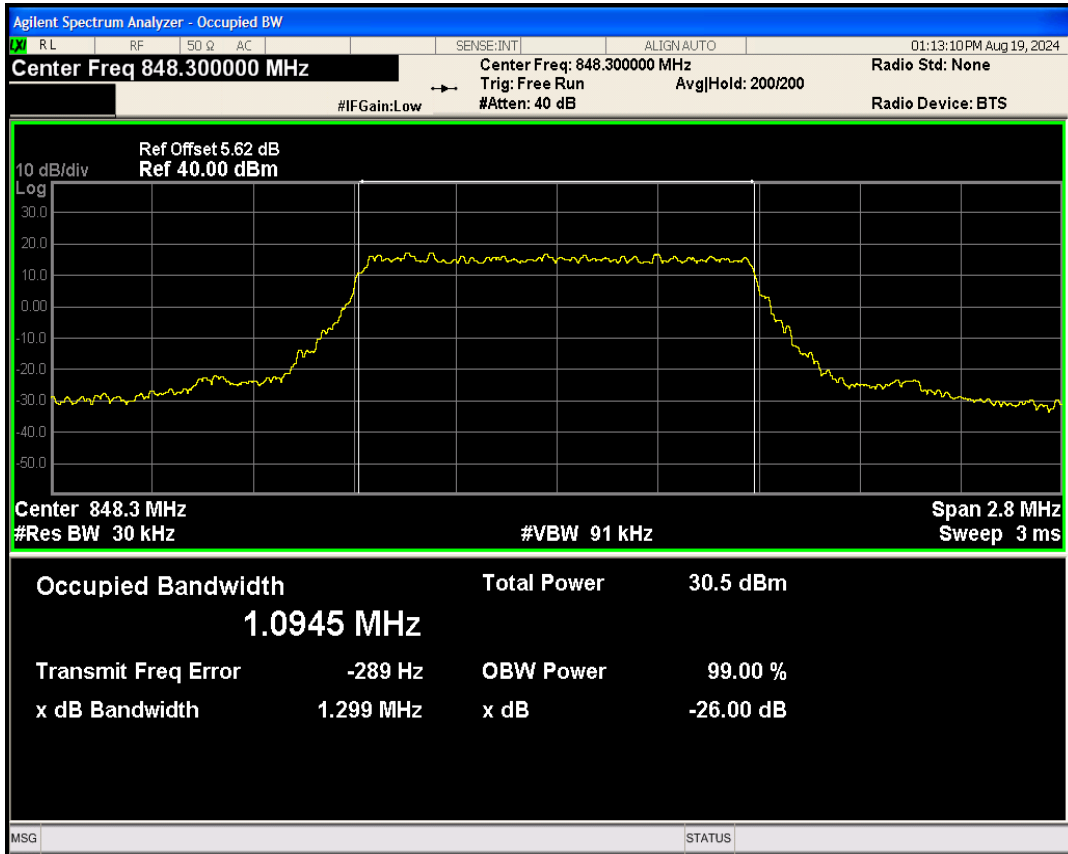
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



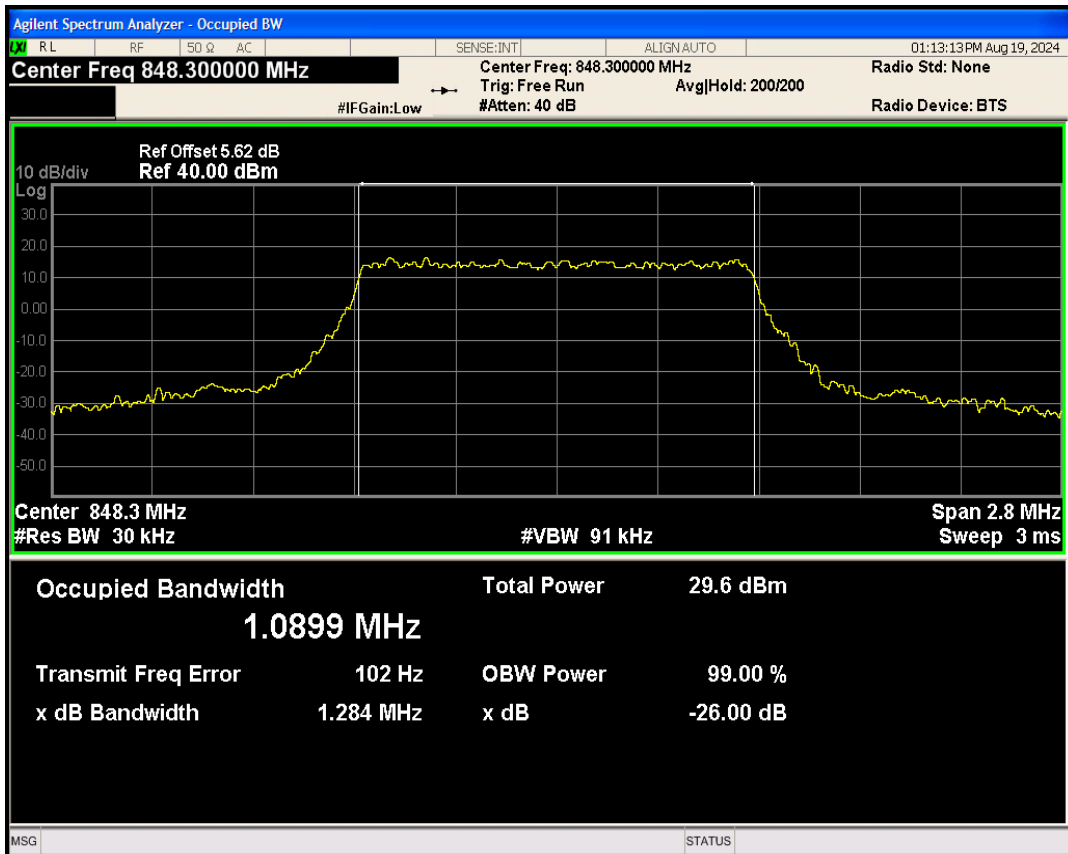
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



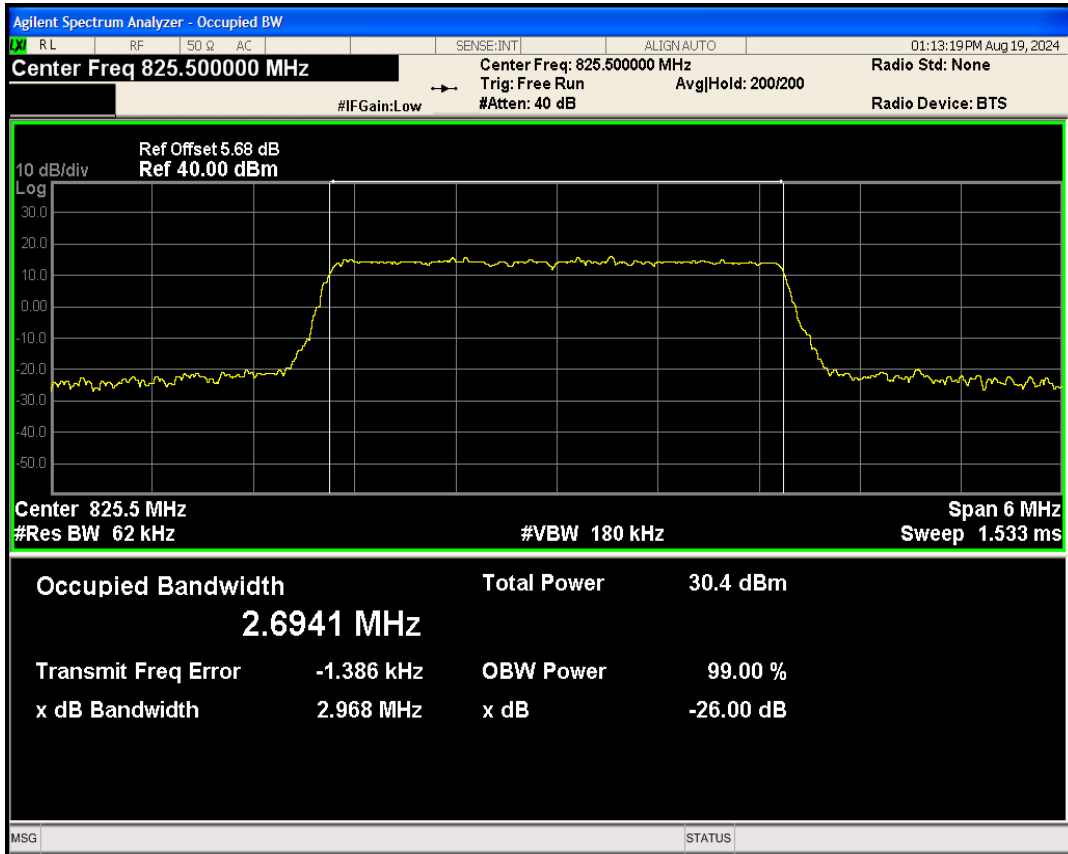
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



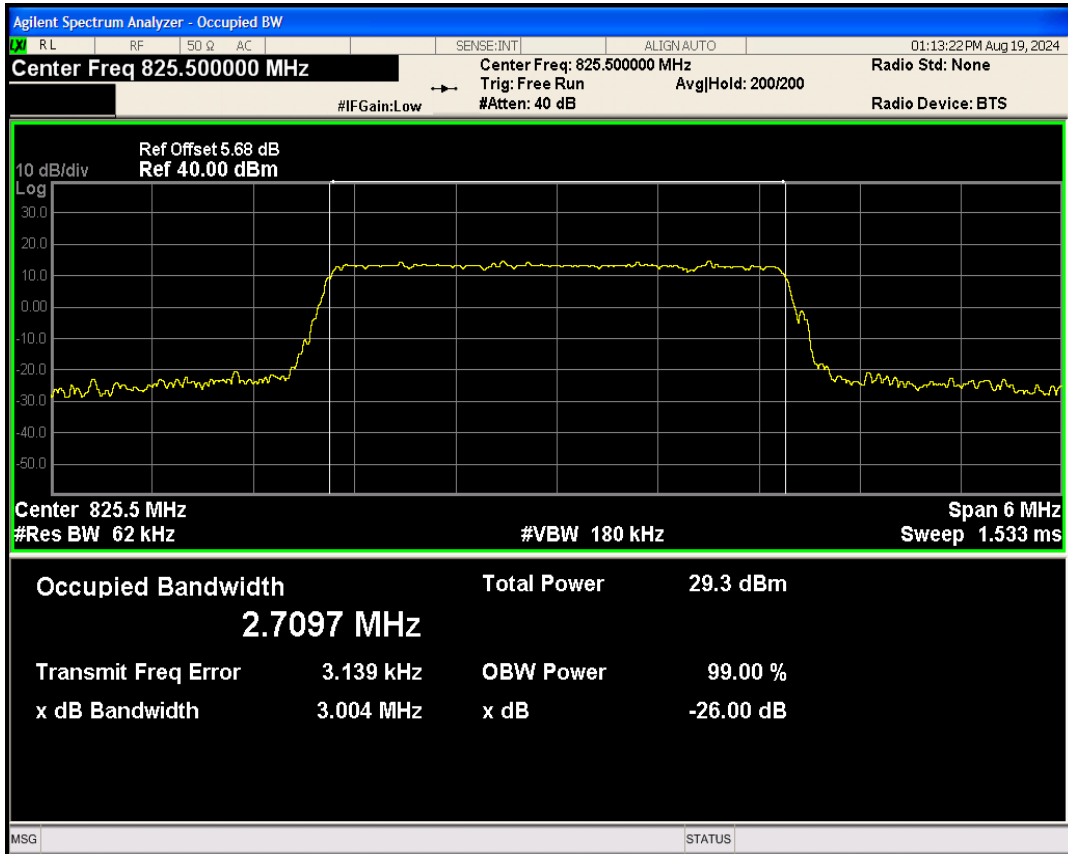
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



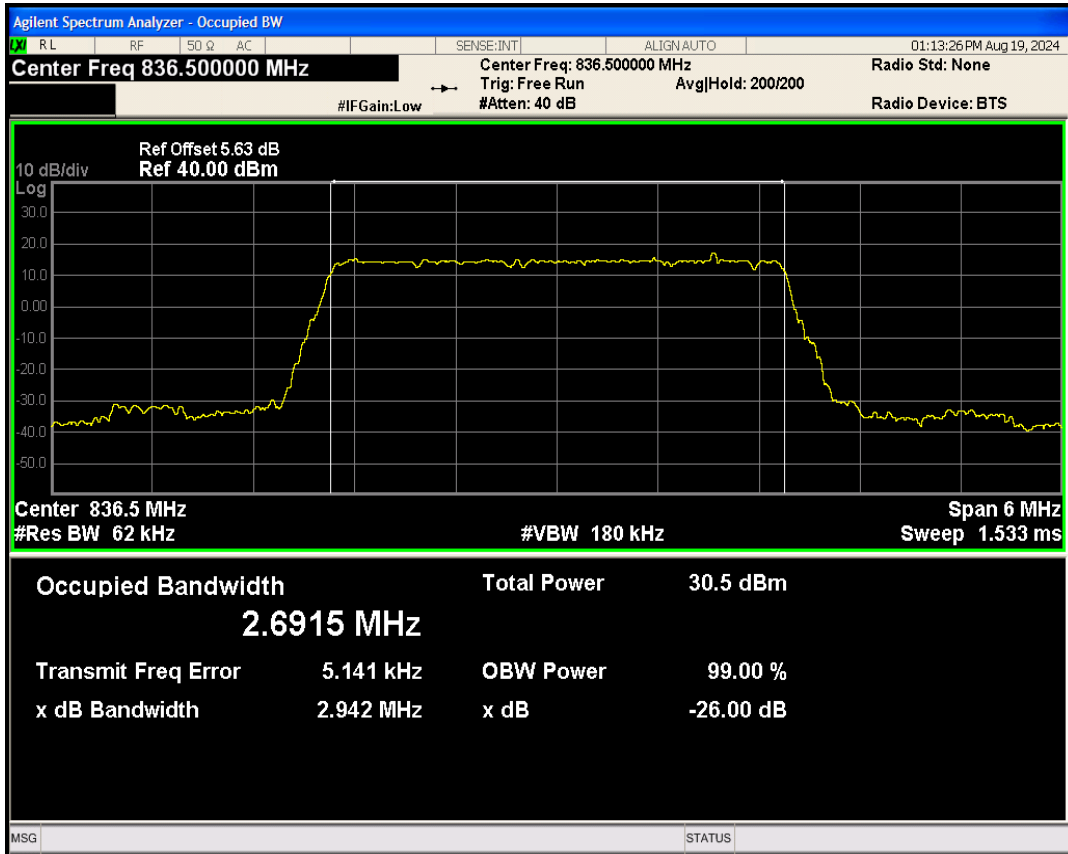
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



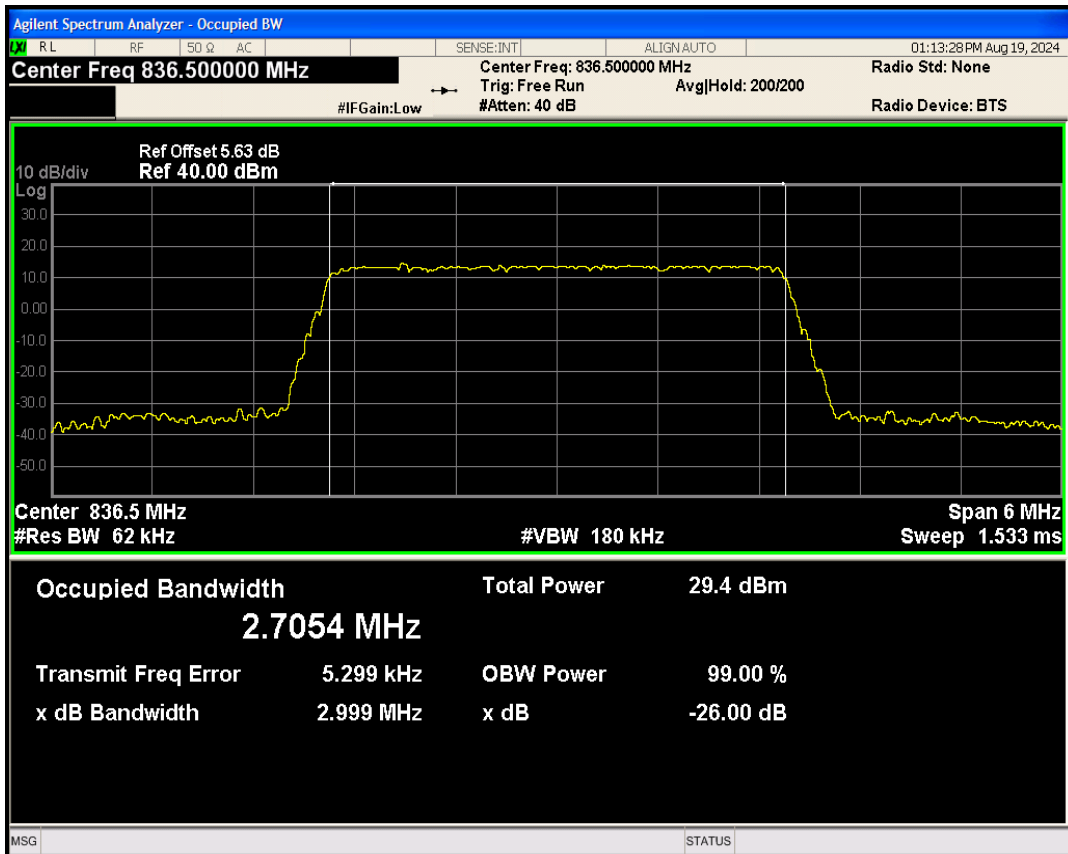
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



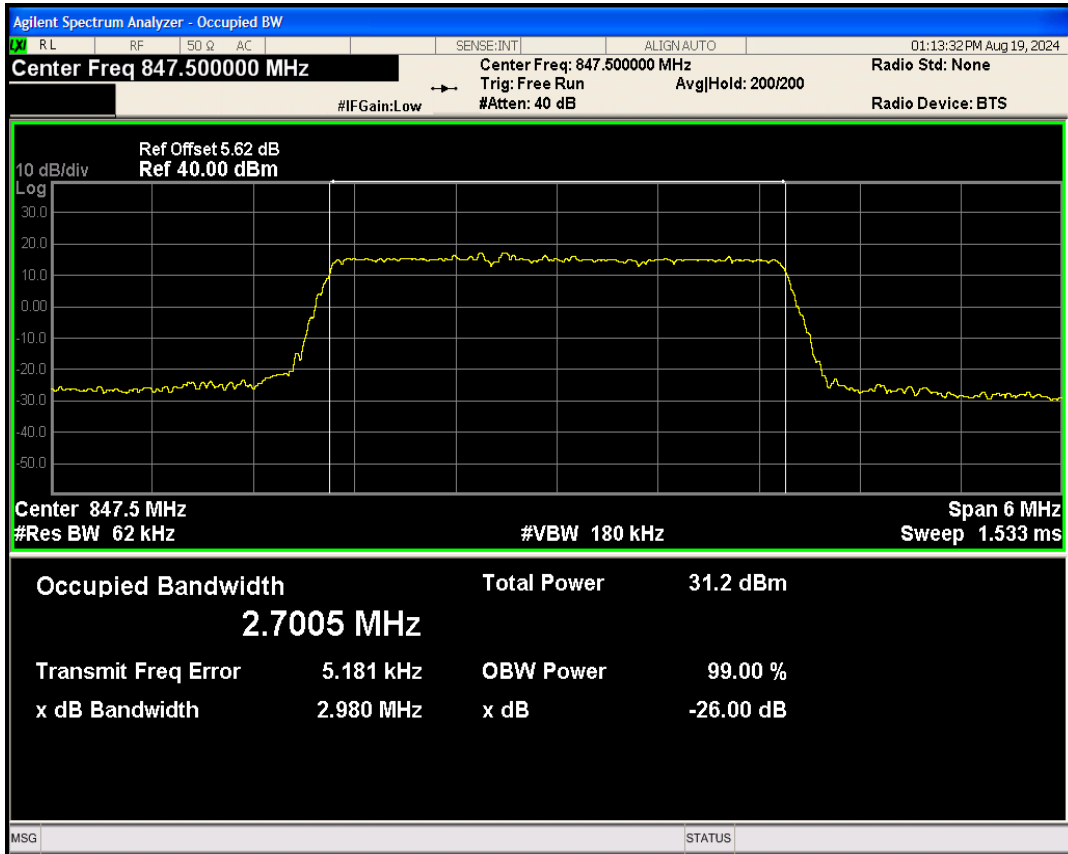
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



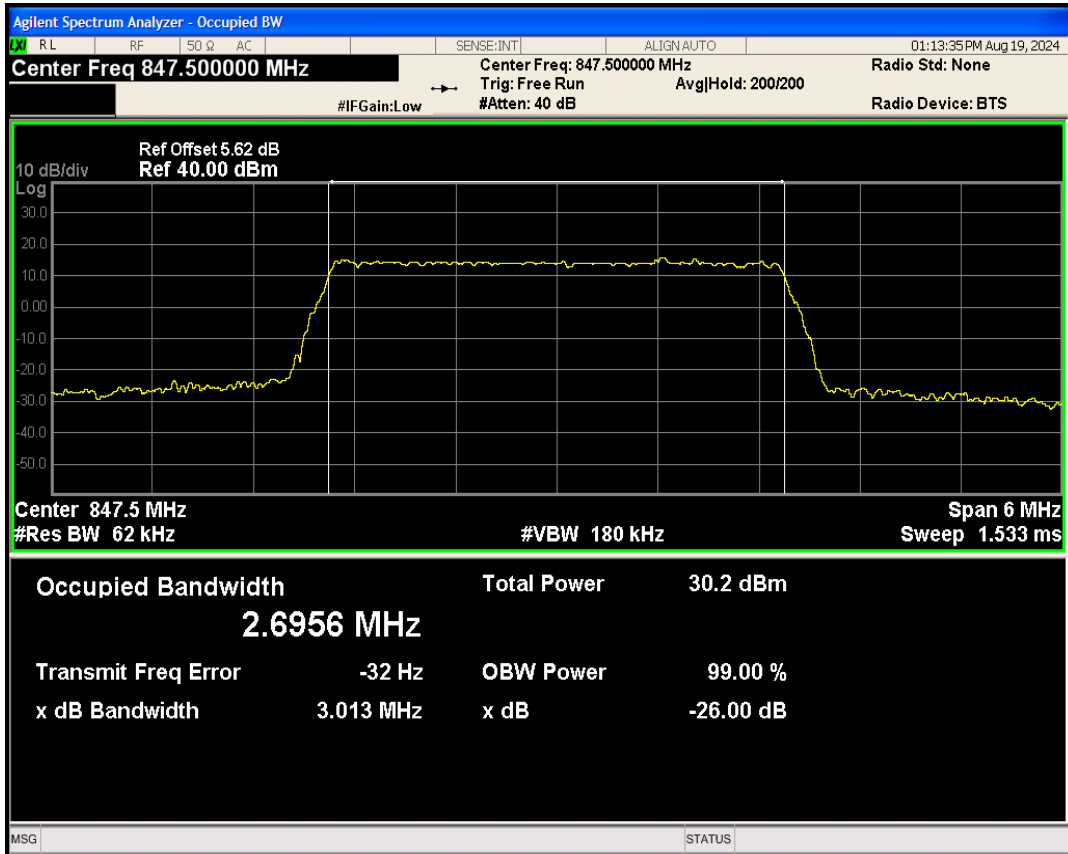
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



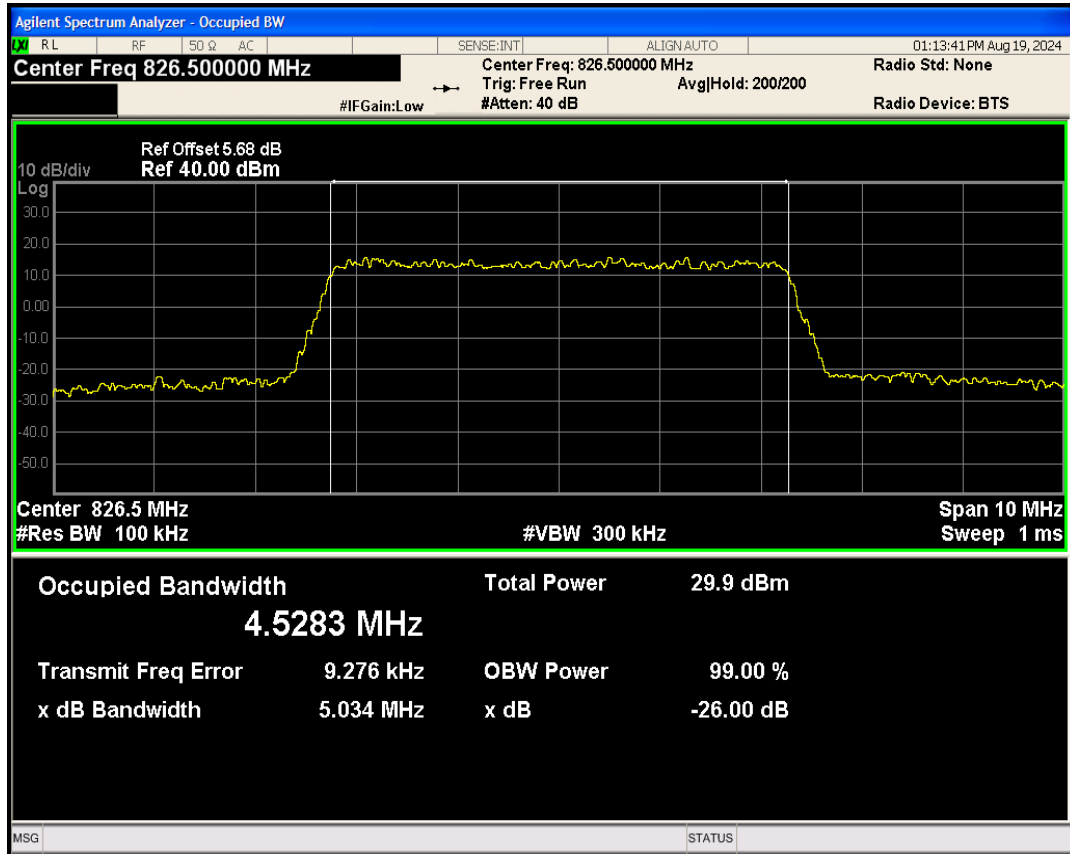
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



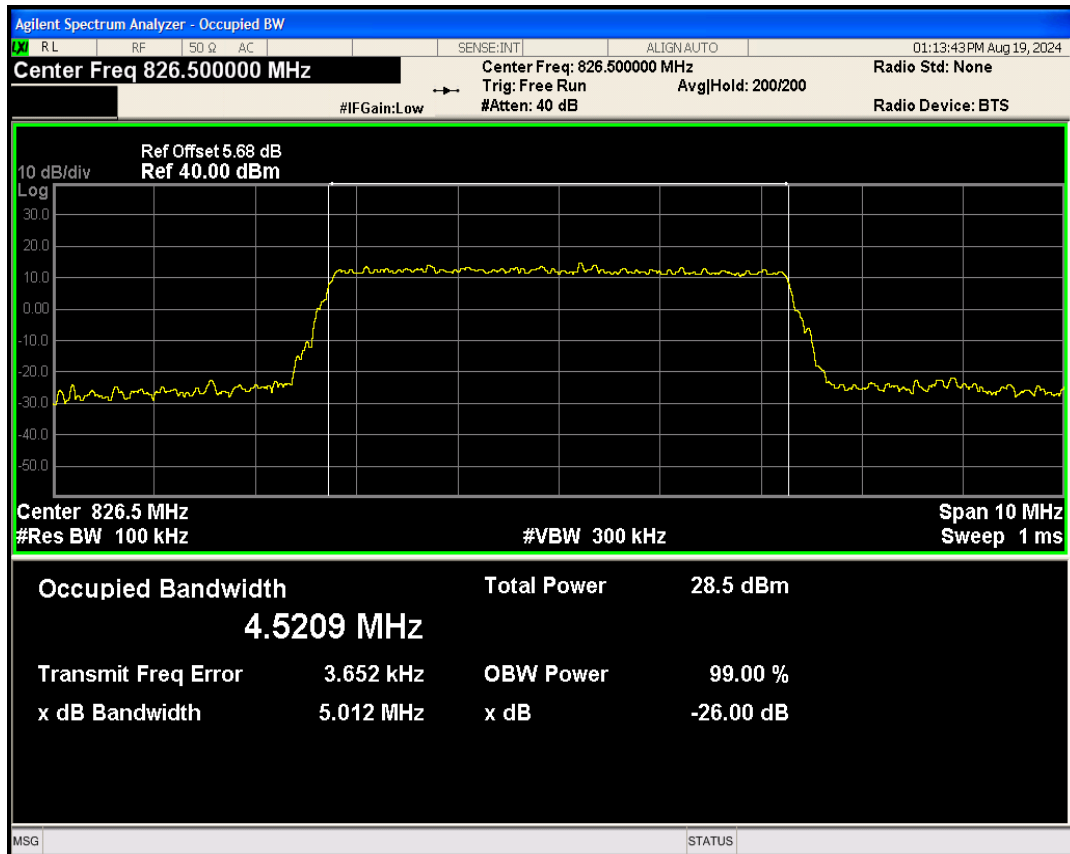
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



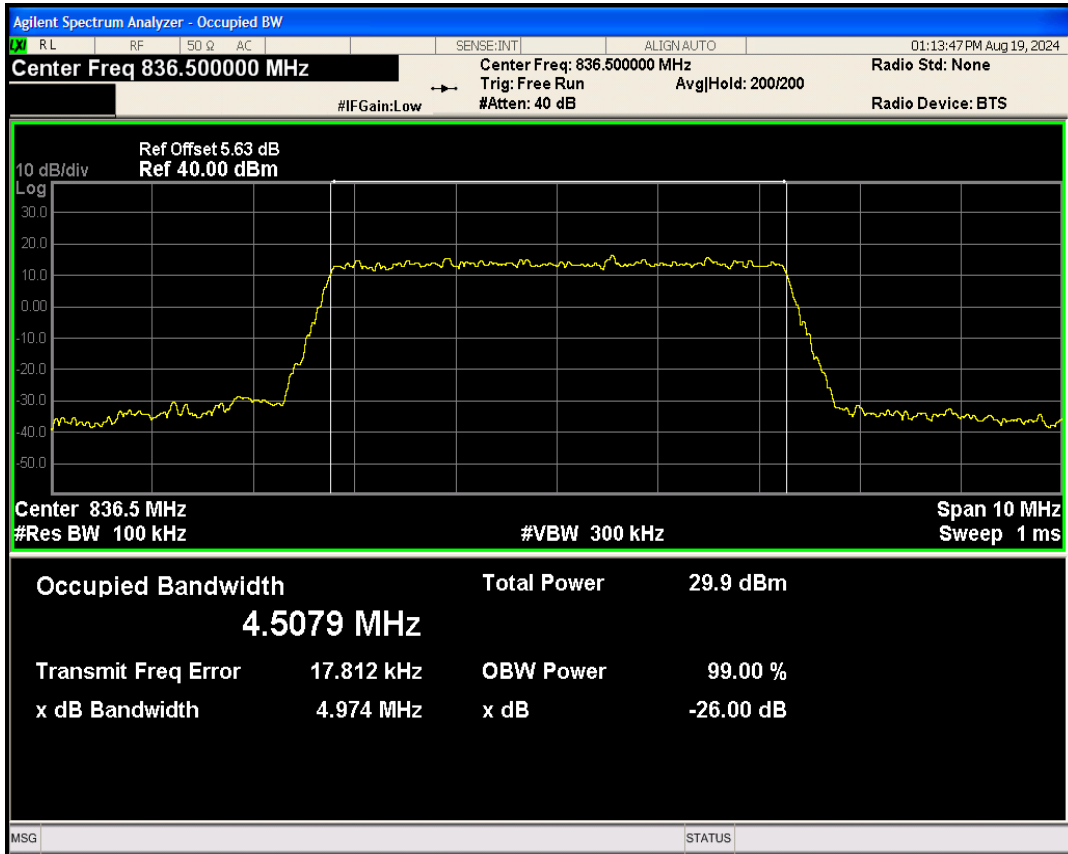
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



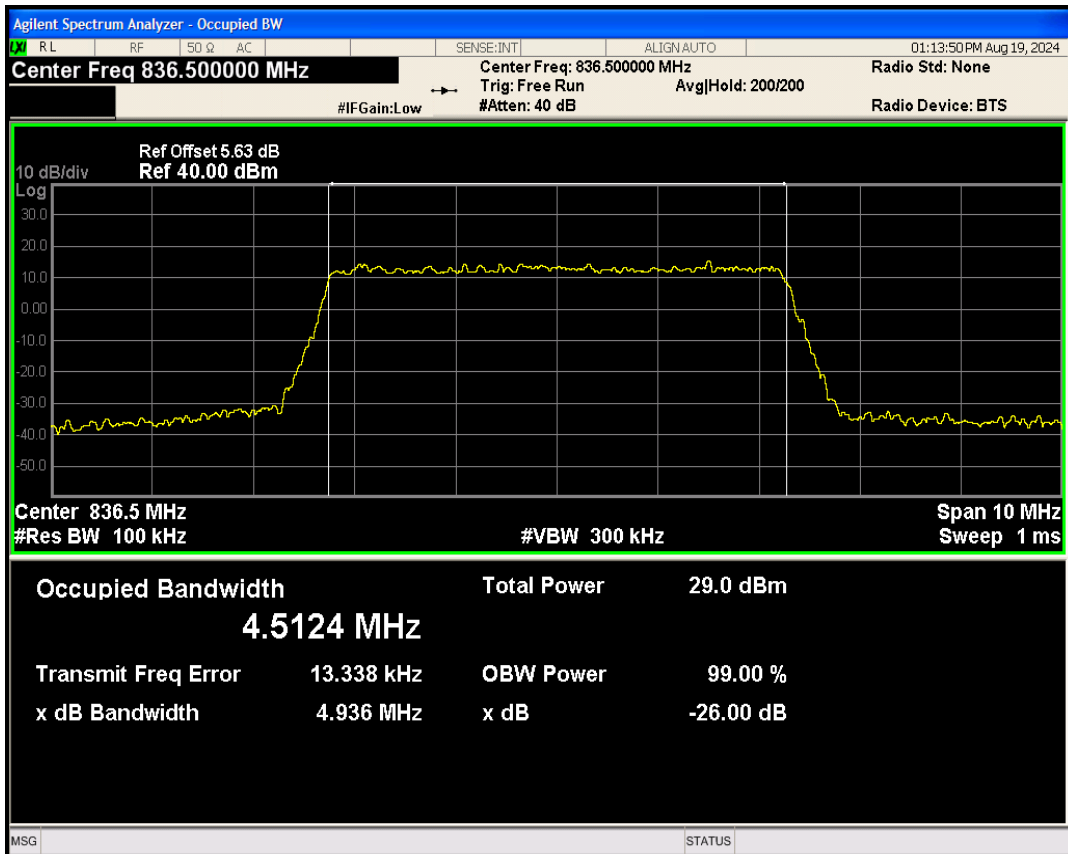
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



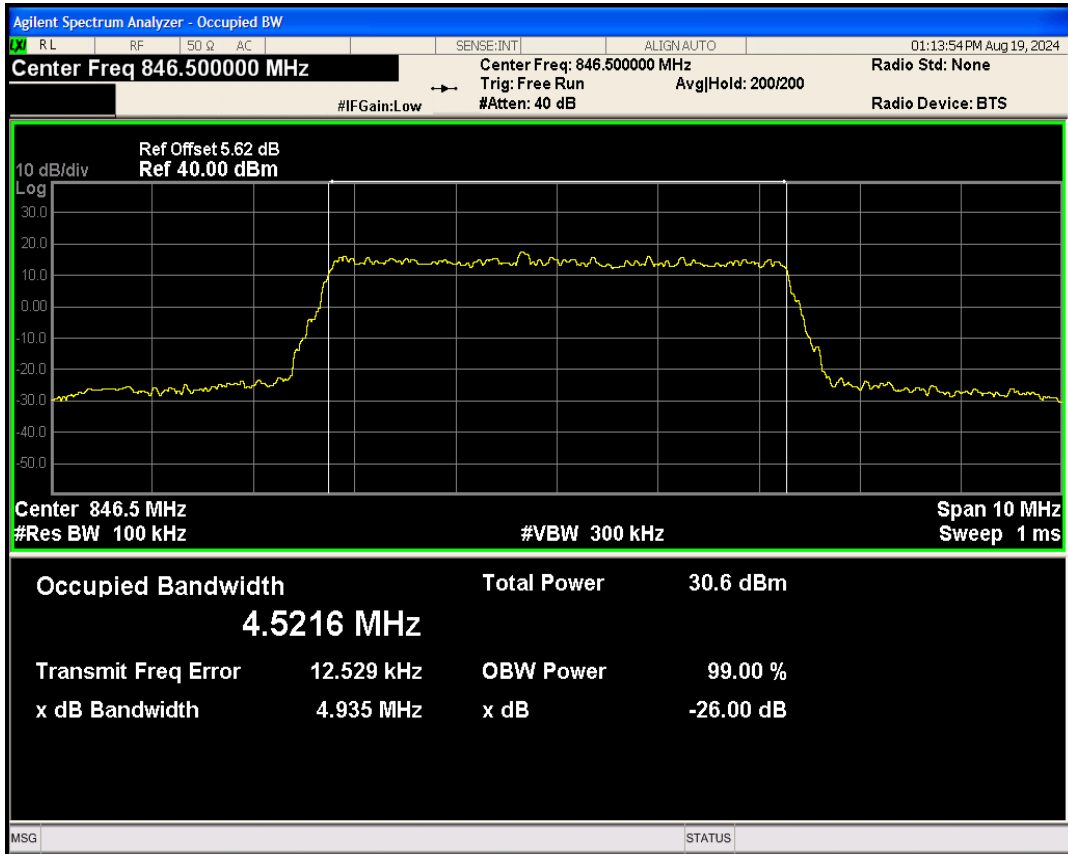
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



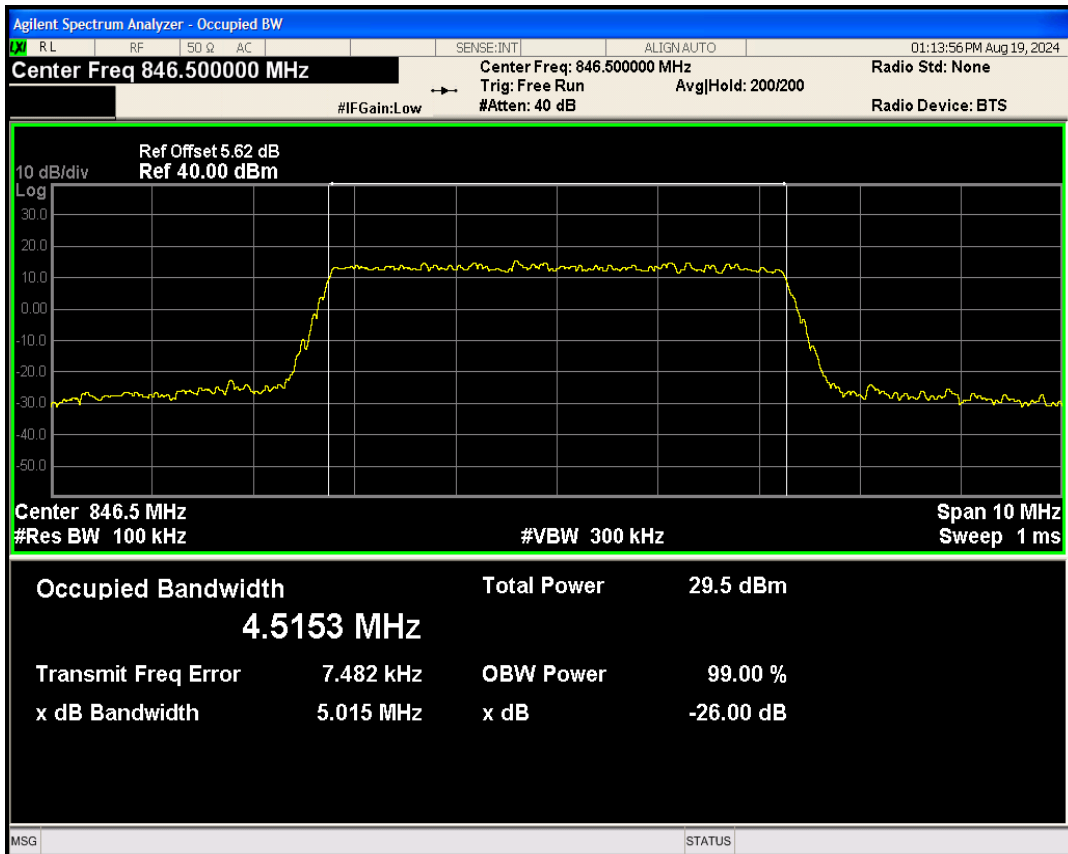
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



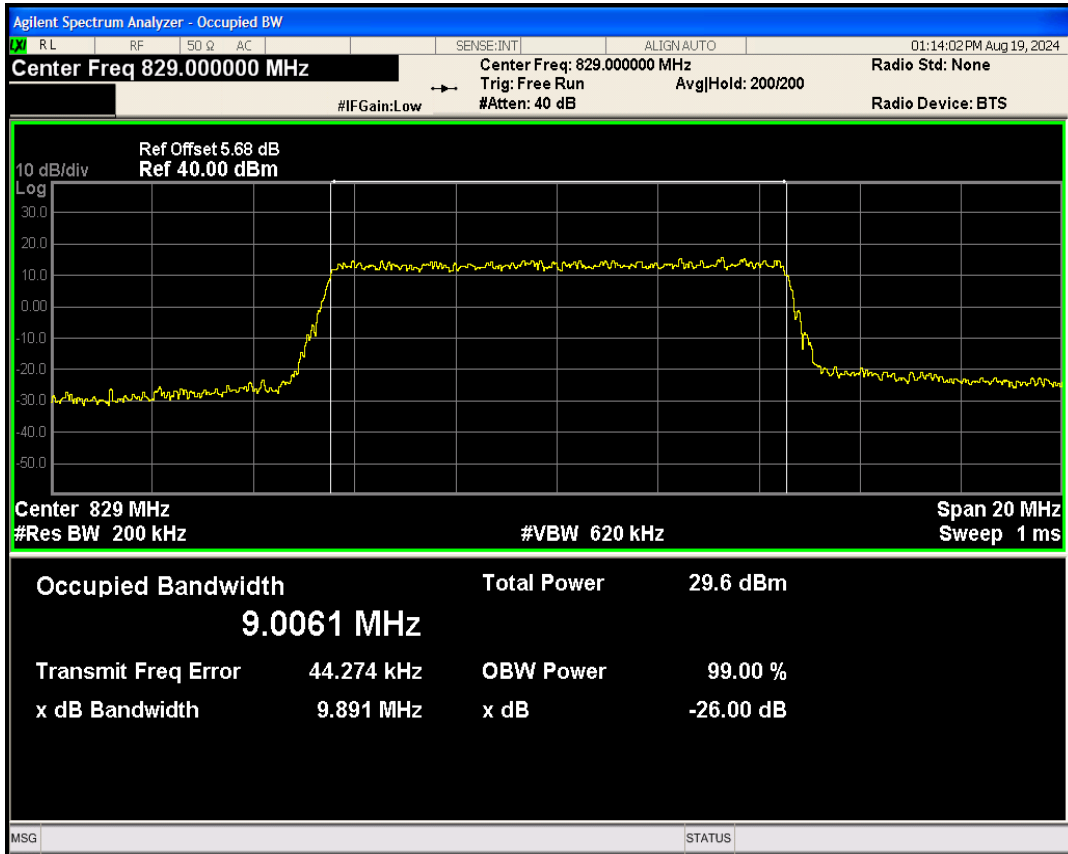
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



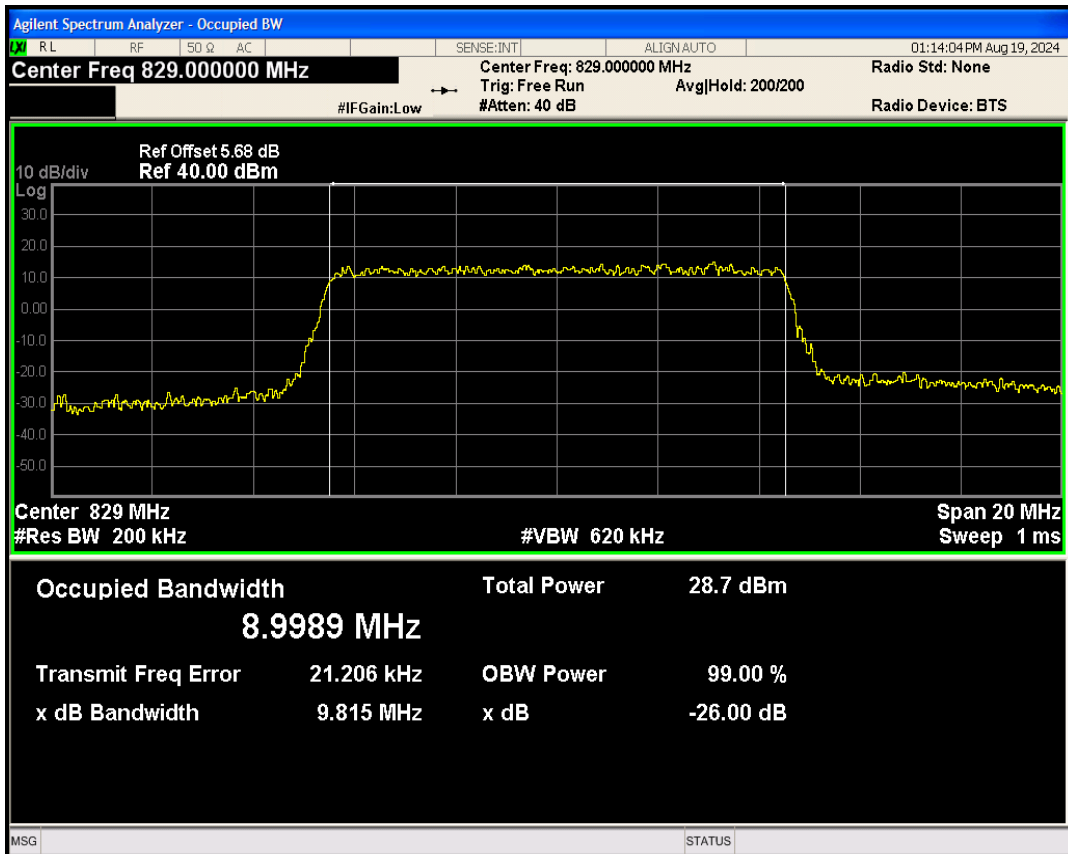
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



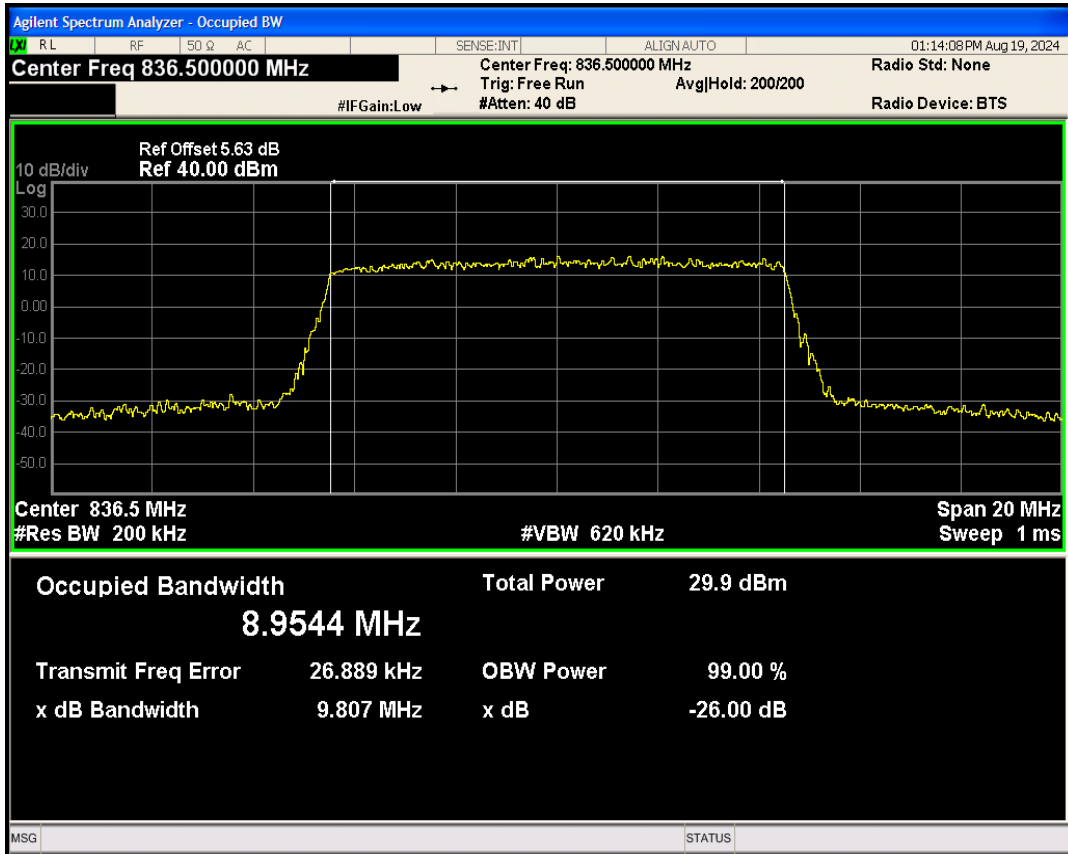
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



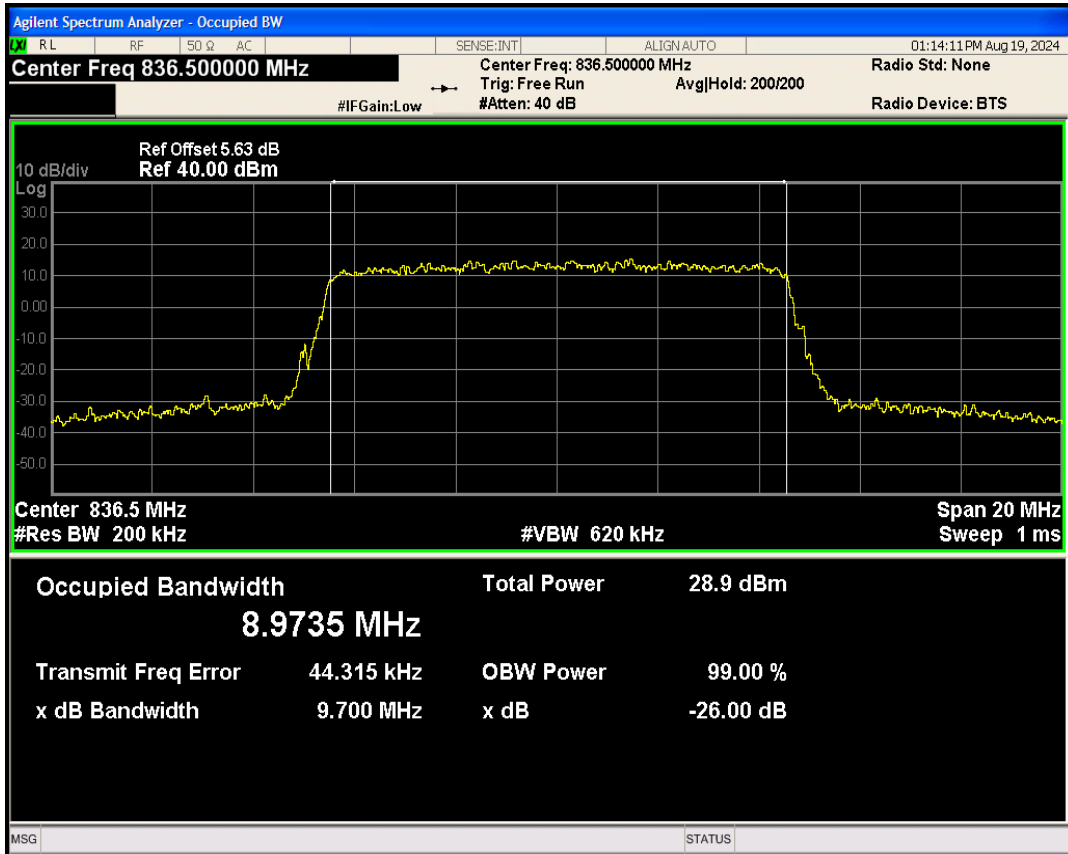
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



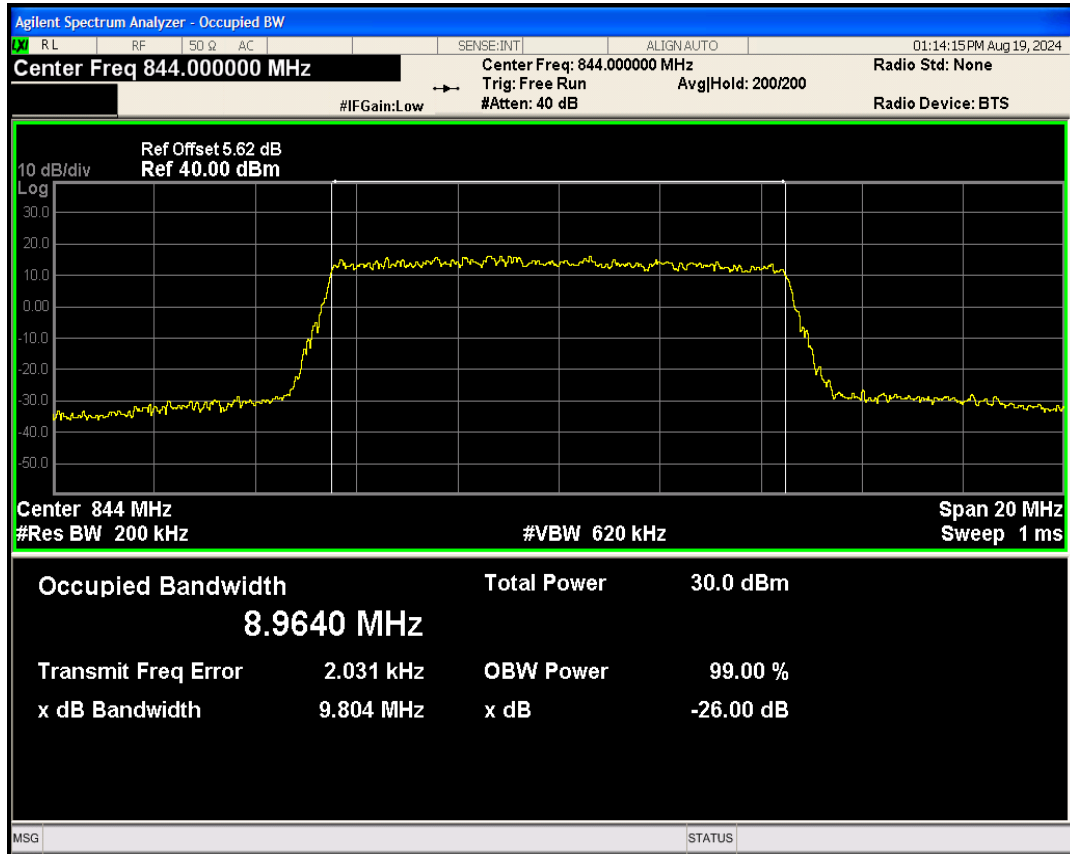
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



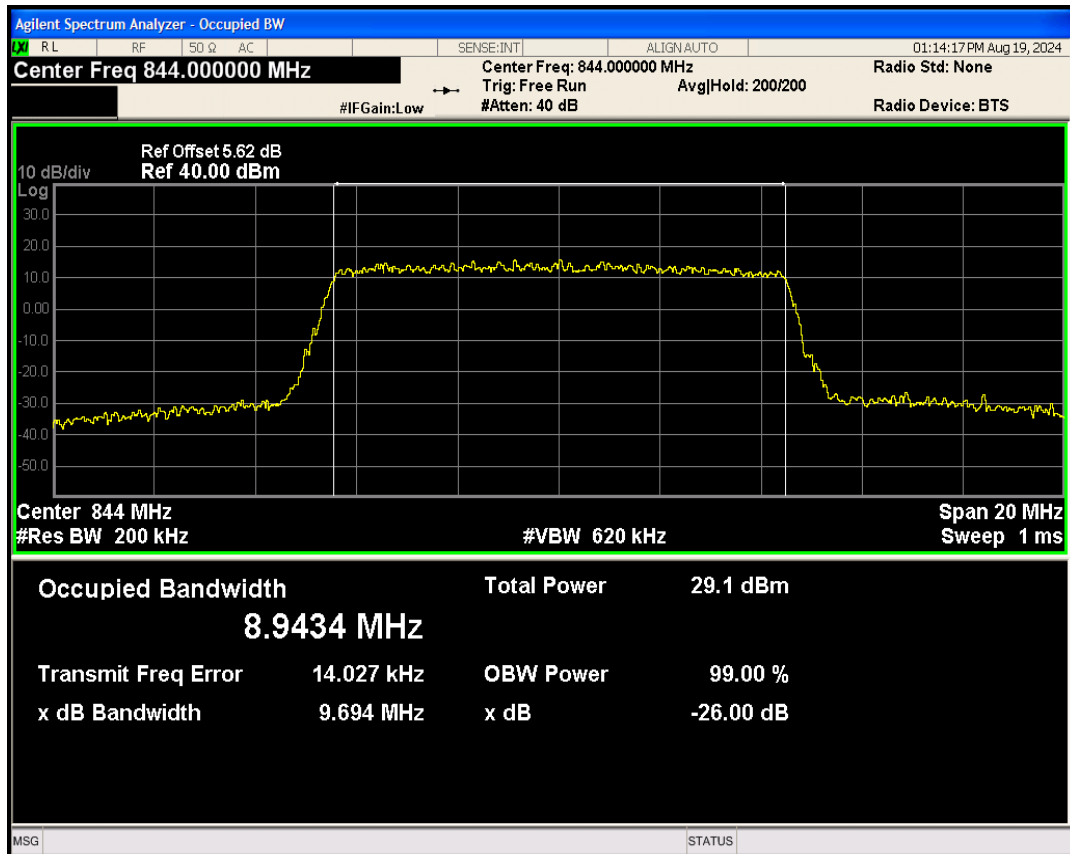
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



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



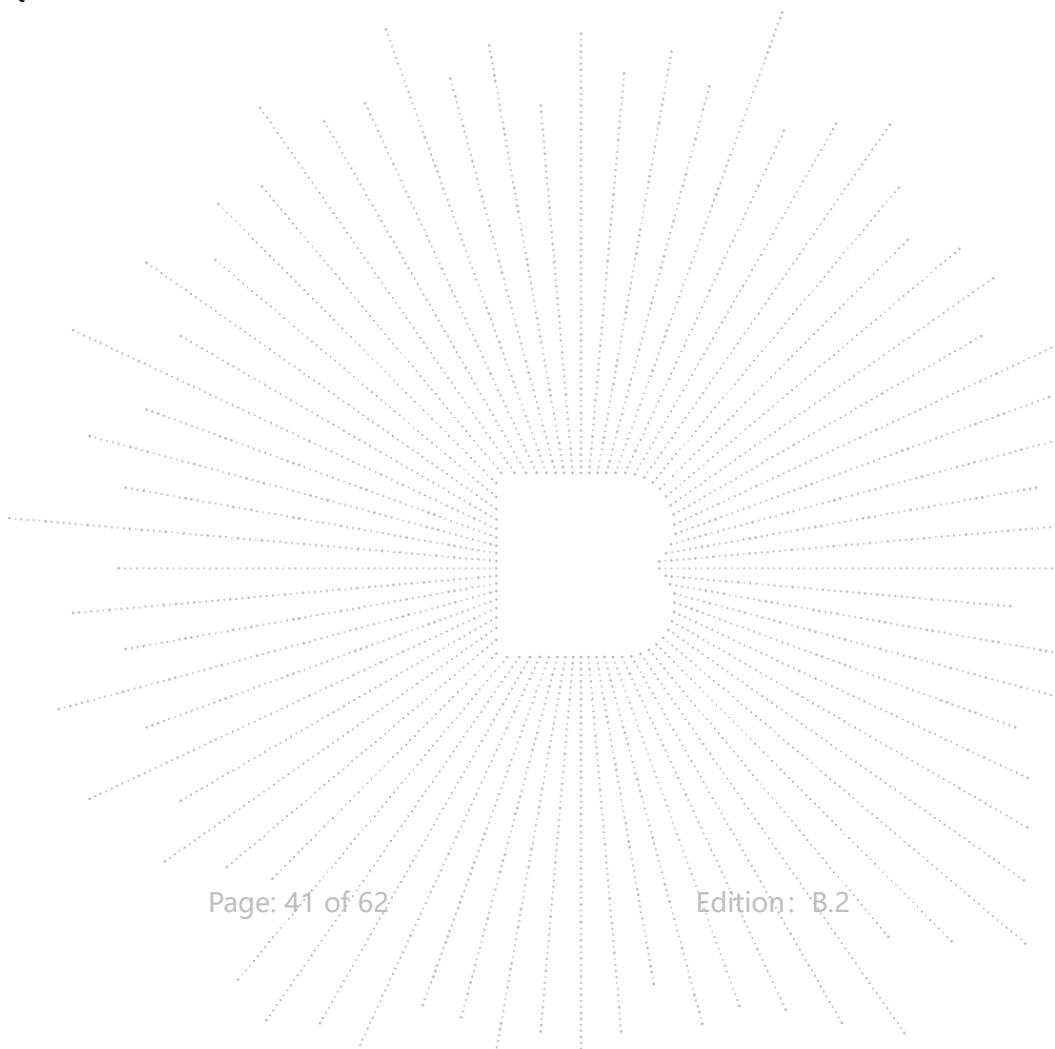
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0

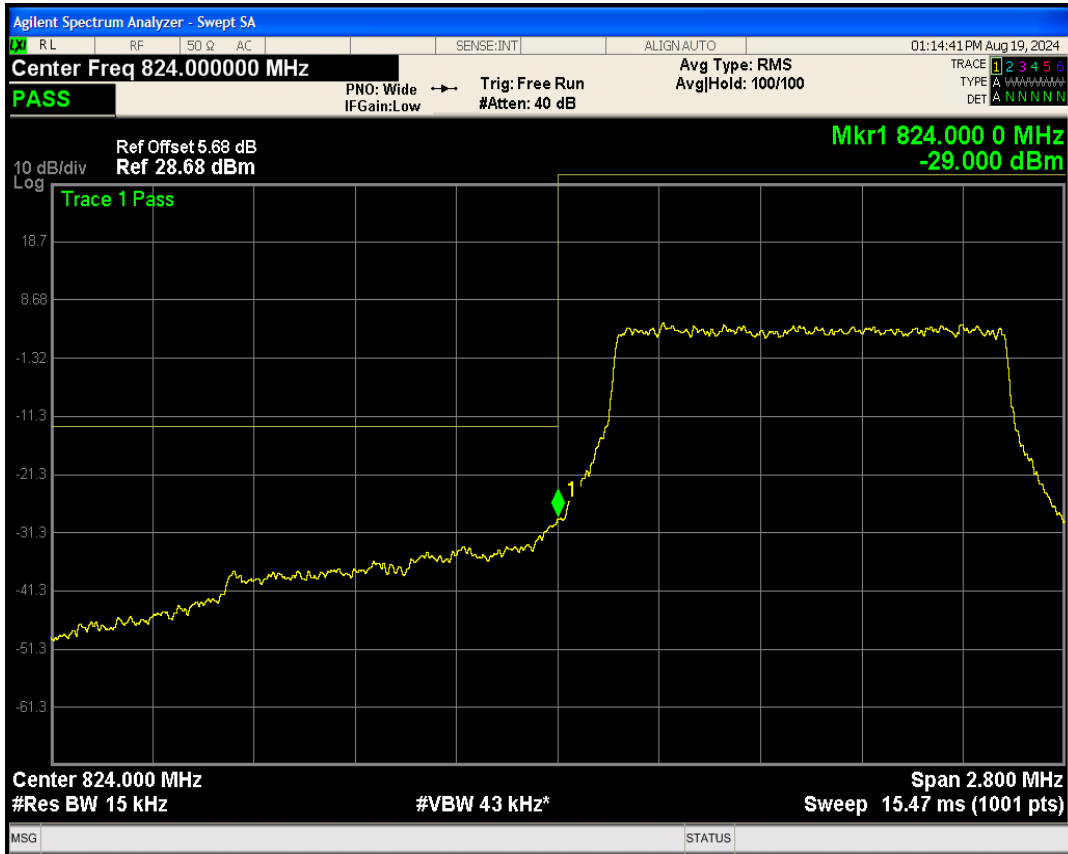


Appendix 5. Band edge

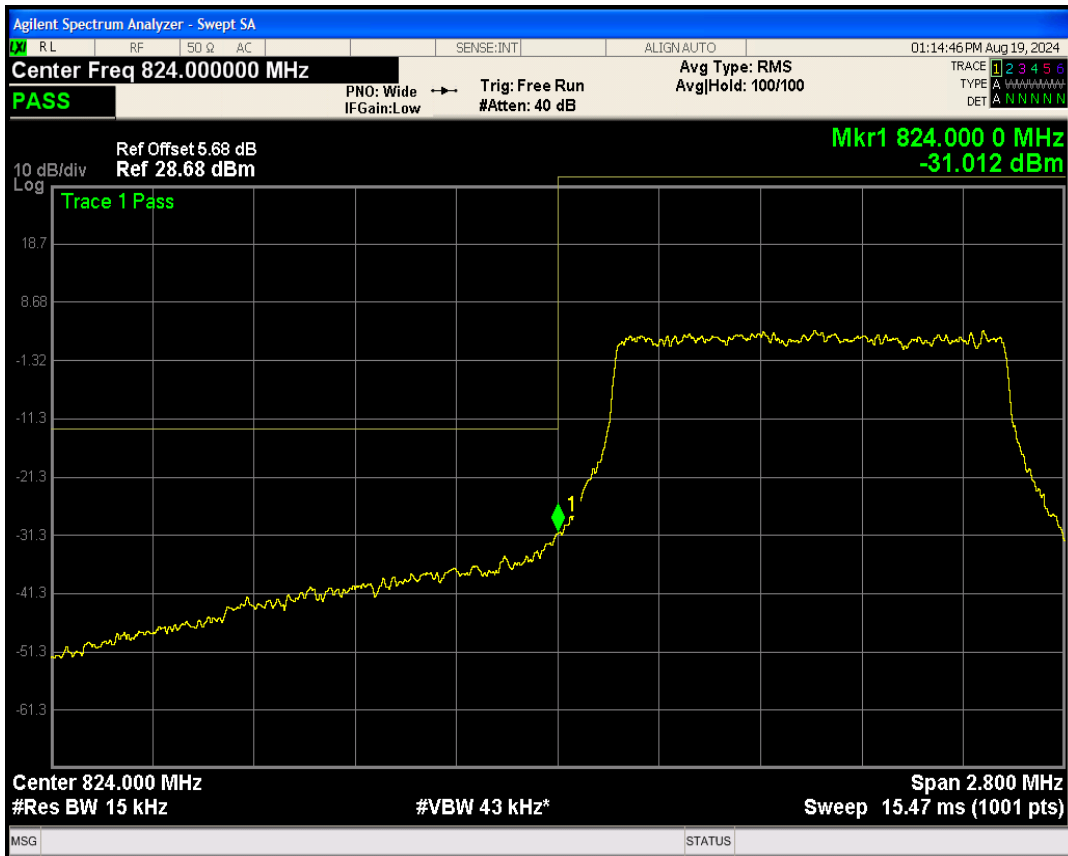
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	824.00	-29.00	-13	PASS
Band5	1.4	20407	6	#0	16QAM	824.00	-31.01	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.00	-29.86	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.00	-32.03	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-26.67	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-29.11	-13	PASS
Band5	3	20635	15	#0	QPSK	849.01	-28.58	-13	PASS
Band5	3	20635	15	#0	16QAM	849.01	-29.71	-13	PASS
Band5	5	20425	25	#0	QPSK	823.99	-28.37	-13	PASS
Band5	5	20425	25	#0	16QAM	824.00	-28.94	-13	PASS
Band5	5	20625	25	#0	QPSK	849.02	-29.07	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-28.29	-13	PASS
Band5	10	20450	50	#0	QPSK	823.96	-32.19	-13	PASS
Band5	10	20450	50	#0	16QAM	823.98	-32.81	-13	PASS
Band5	10	20600	50	#0	QPSK	849.02	-33.21	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-34.40	-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



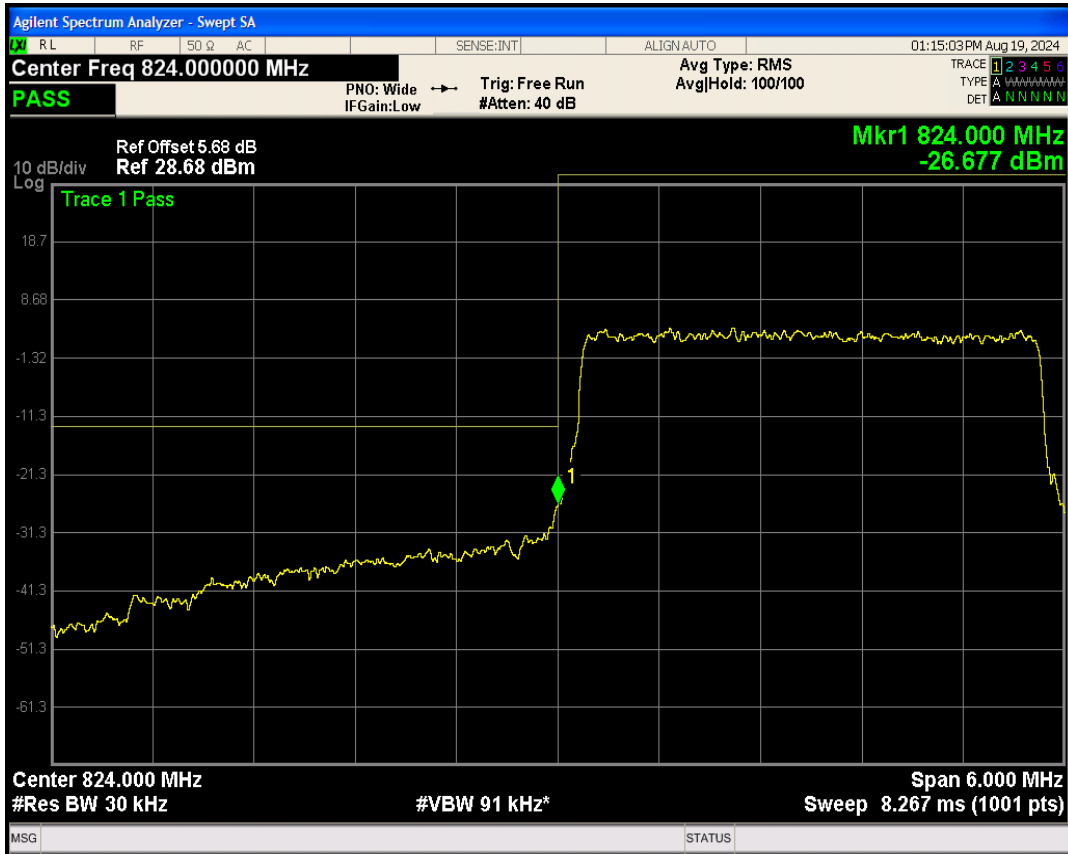
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



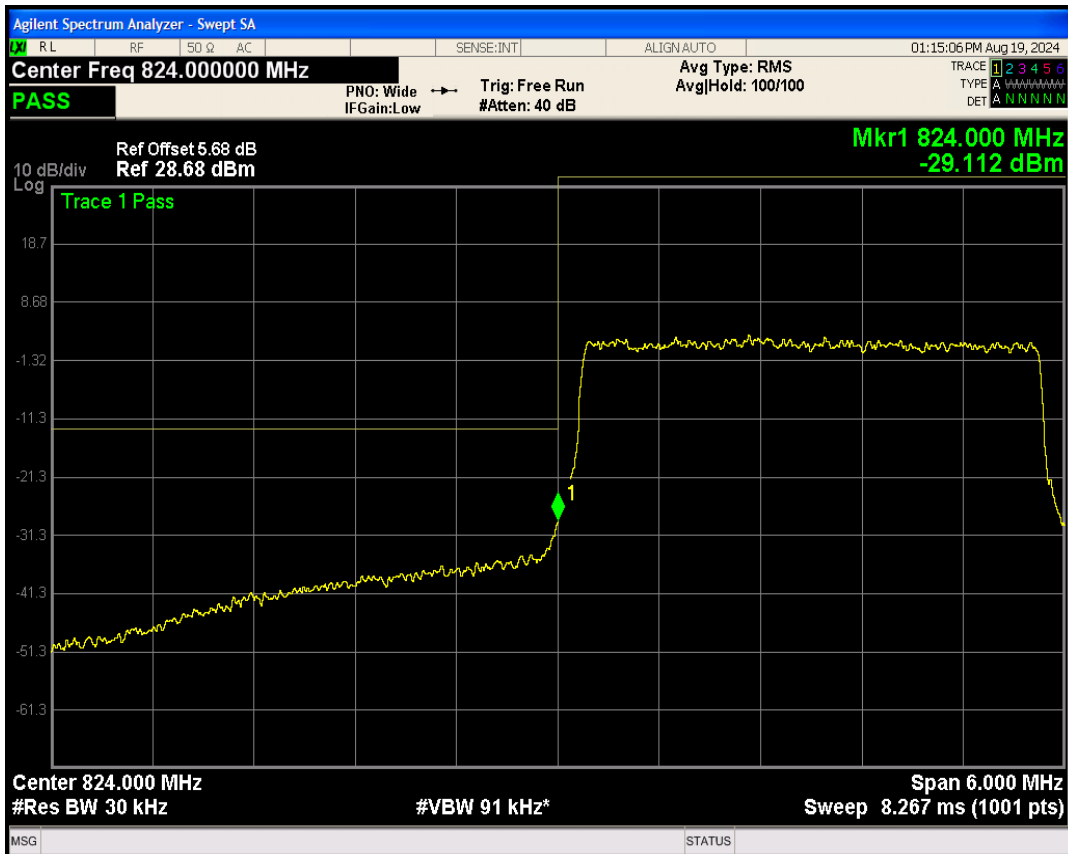
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



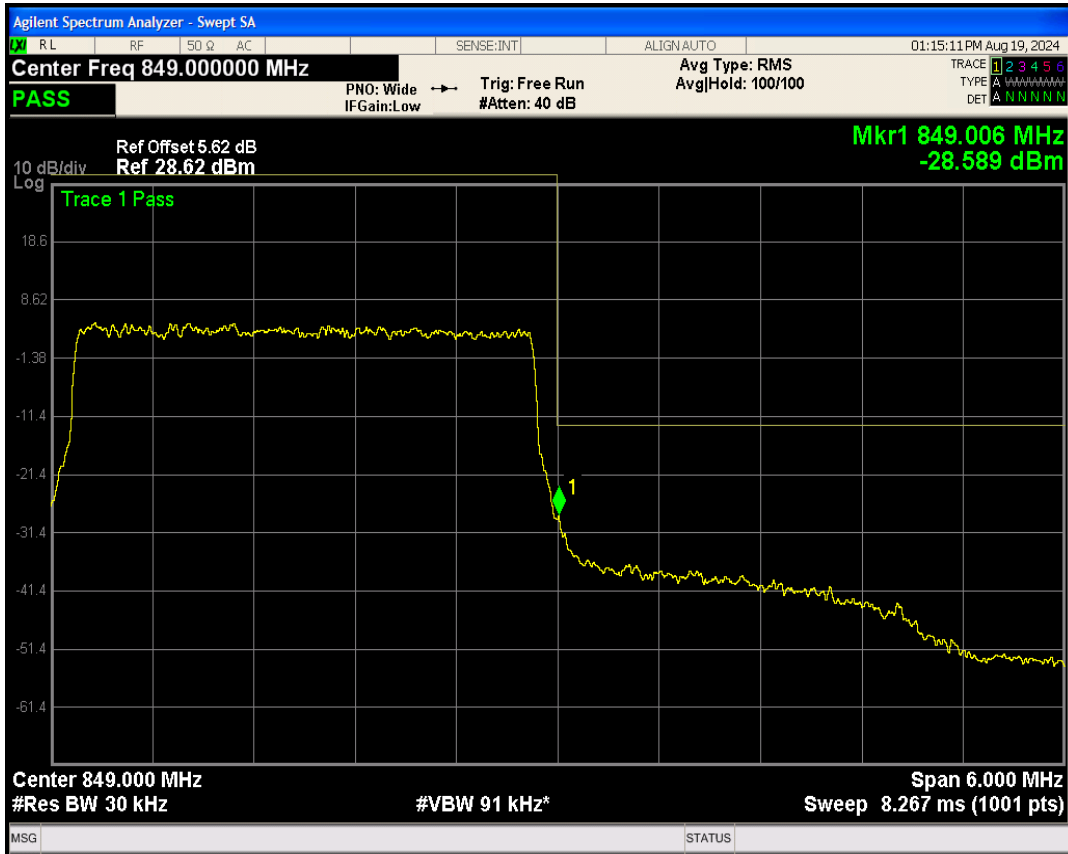
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



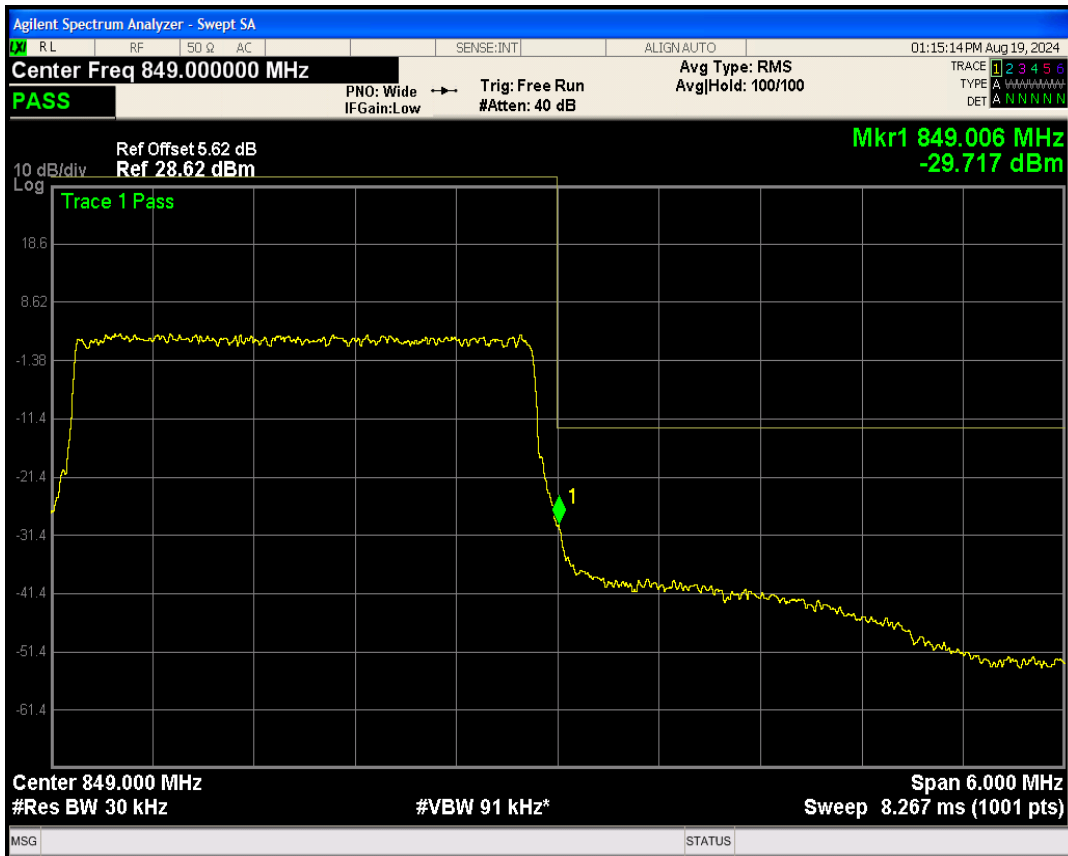
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



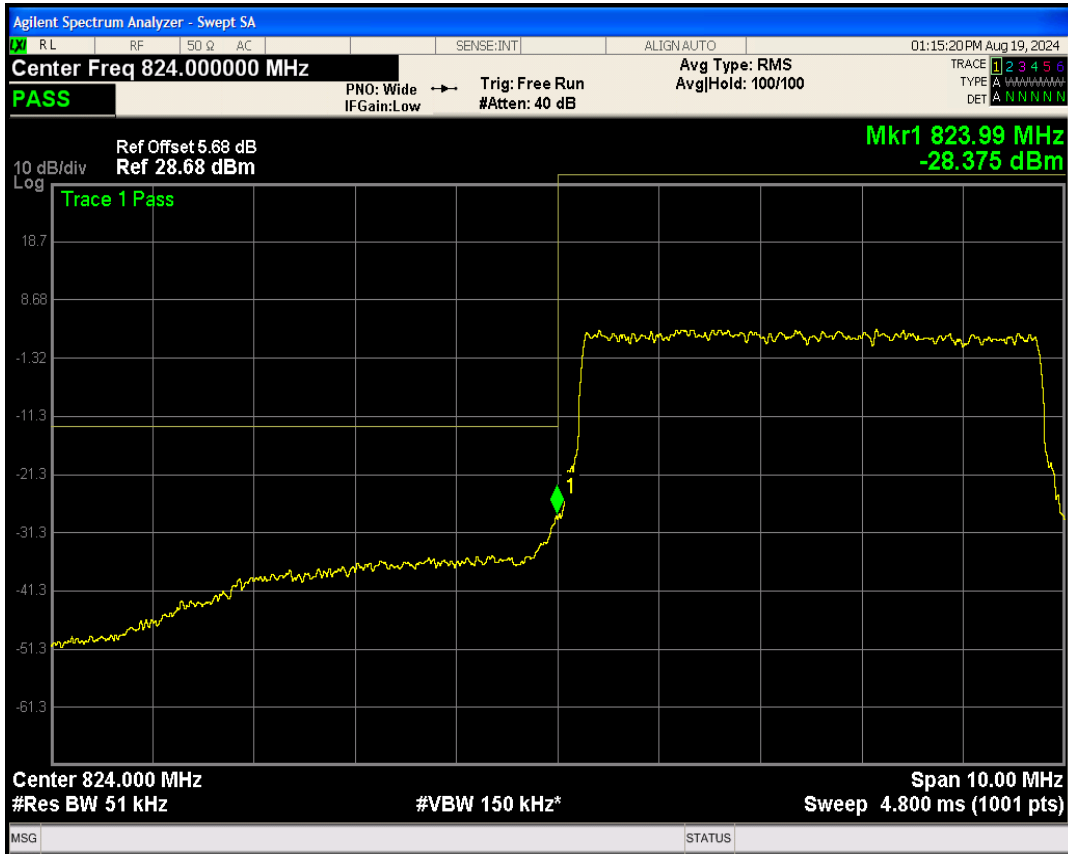
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



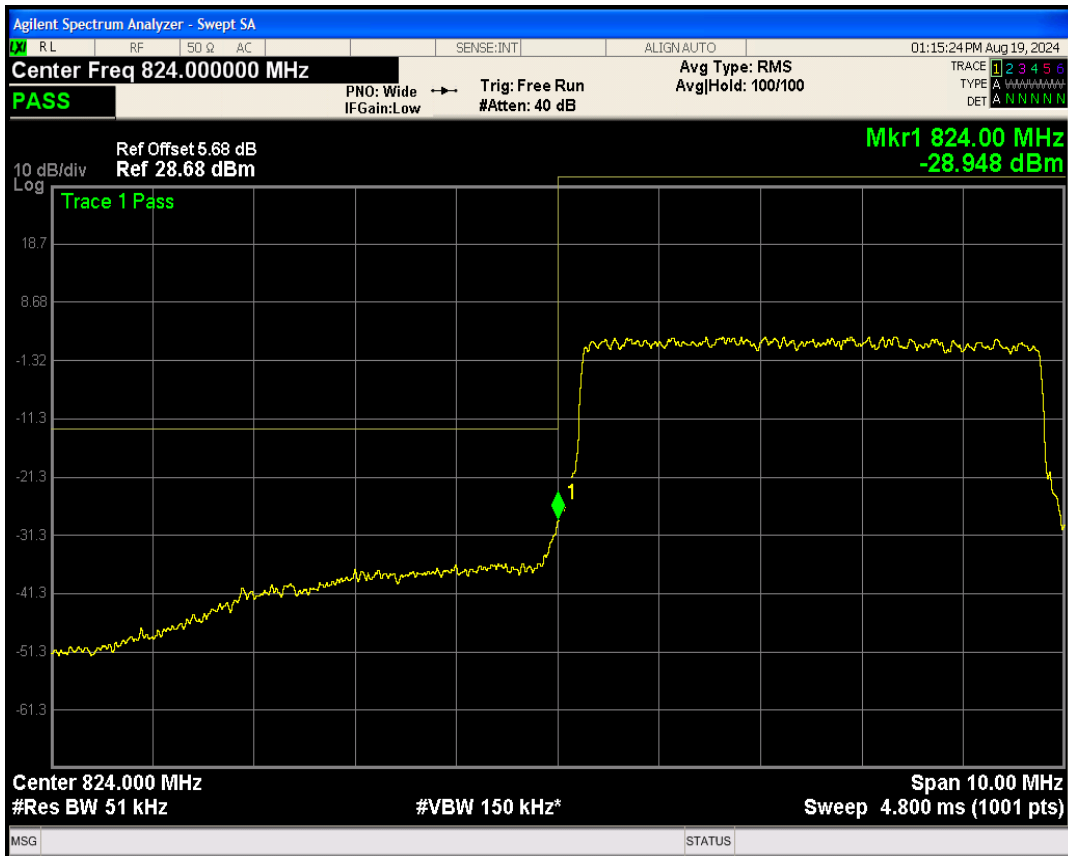
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



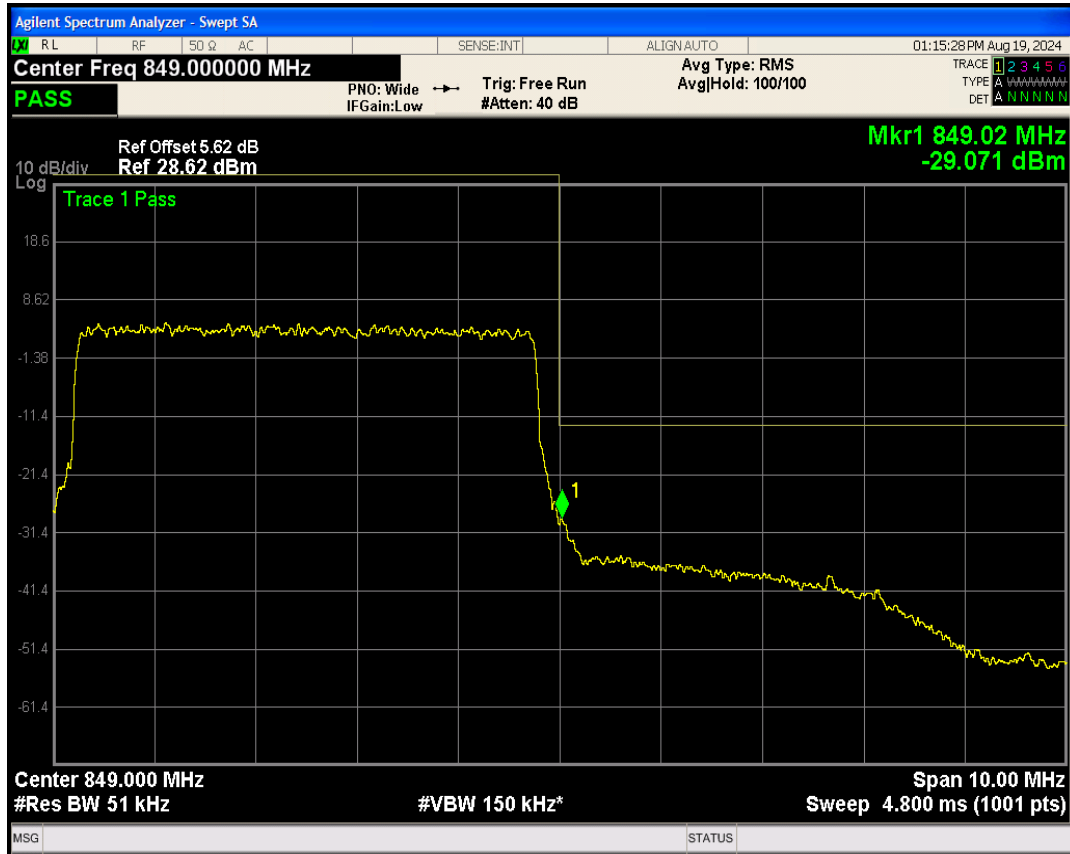
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



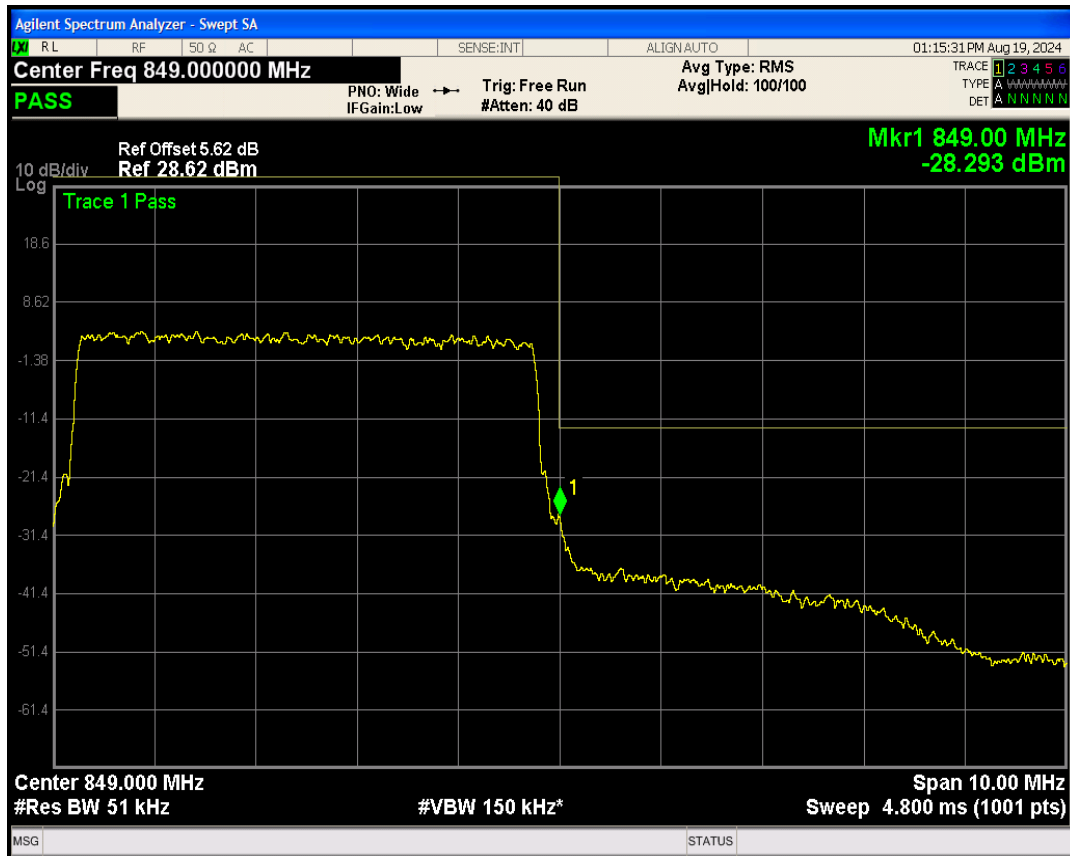
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



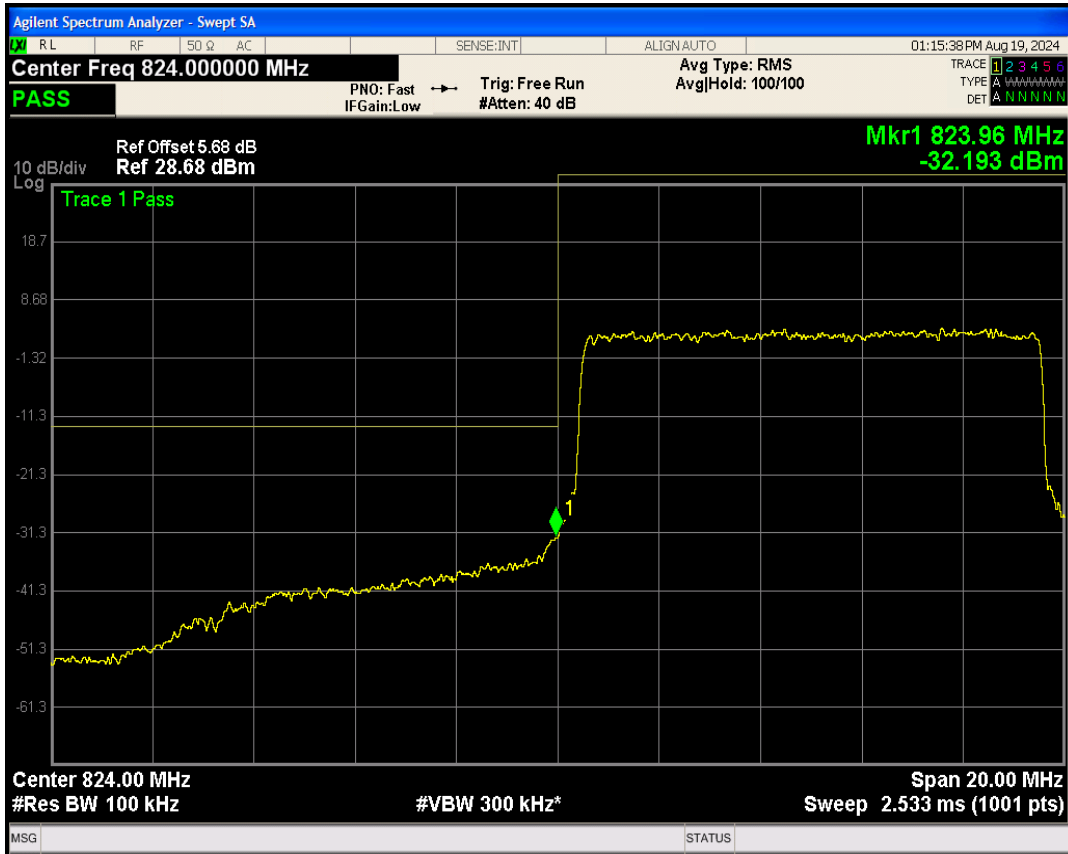
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



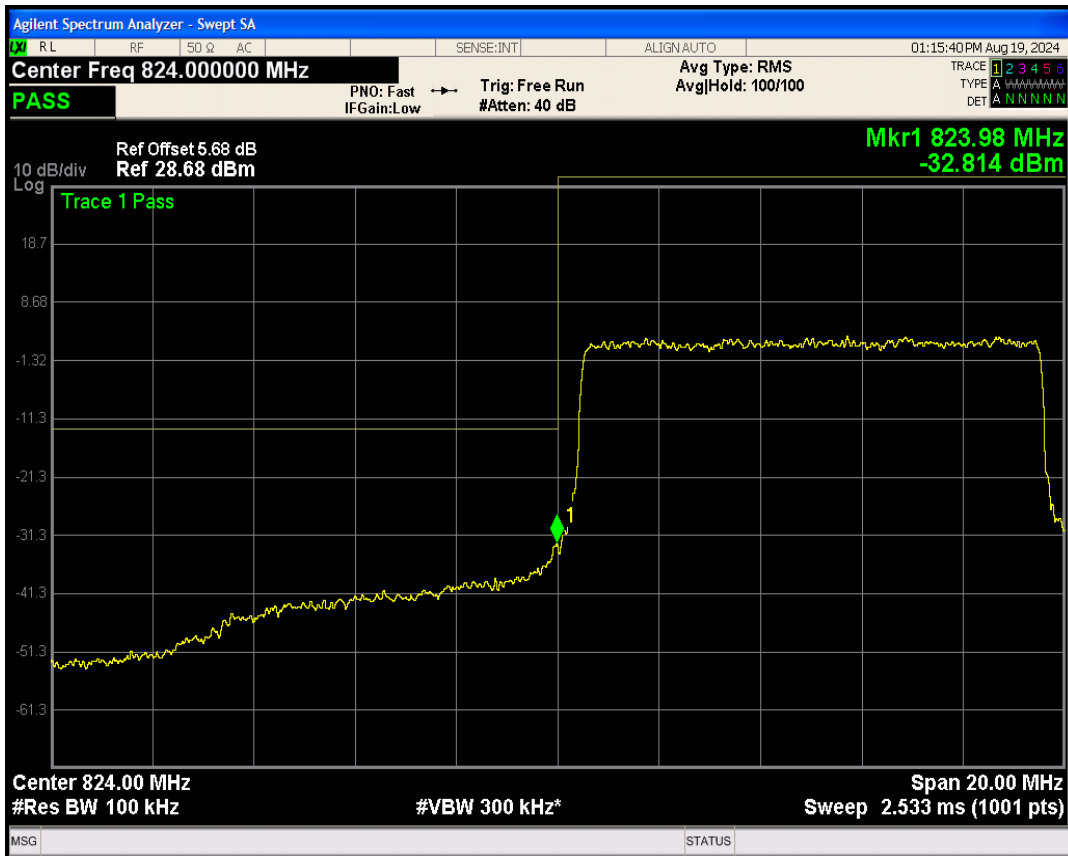
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



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



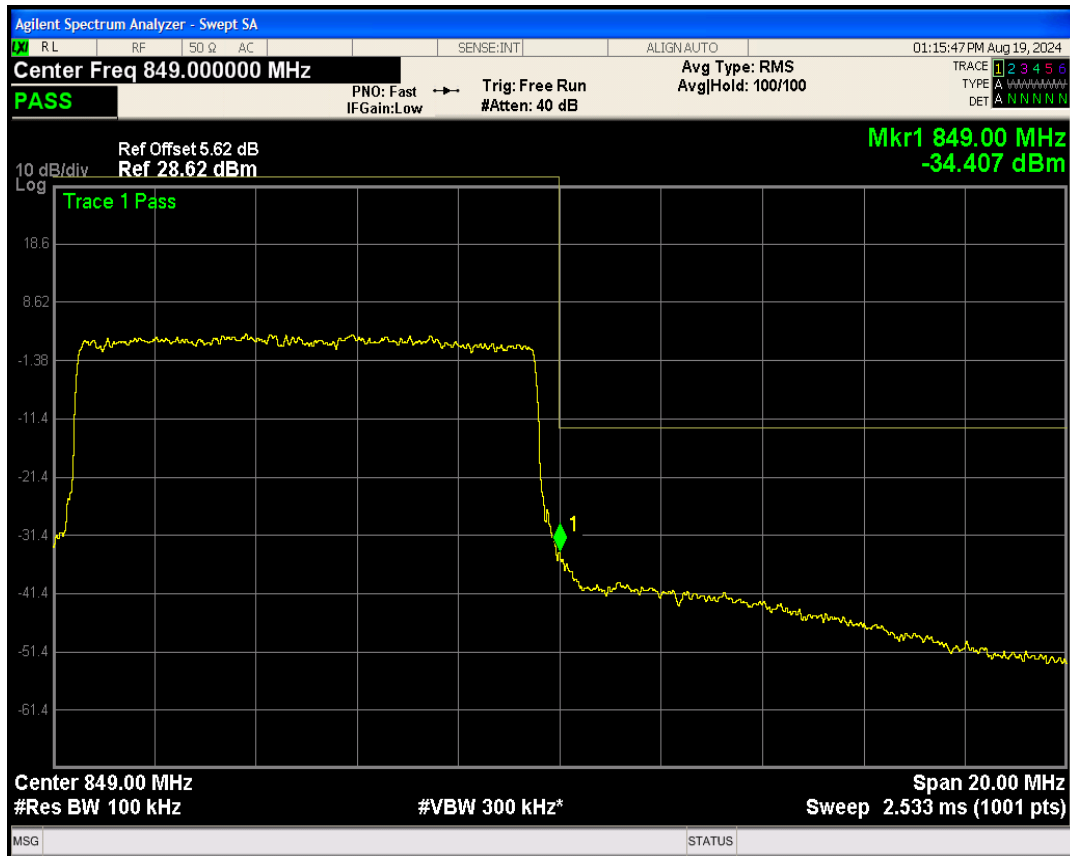
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



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



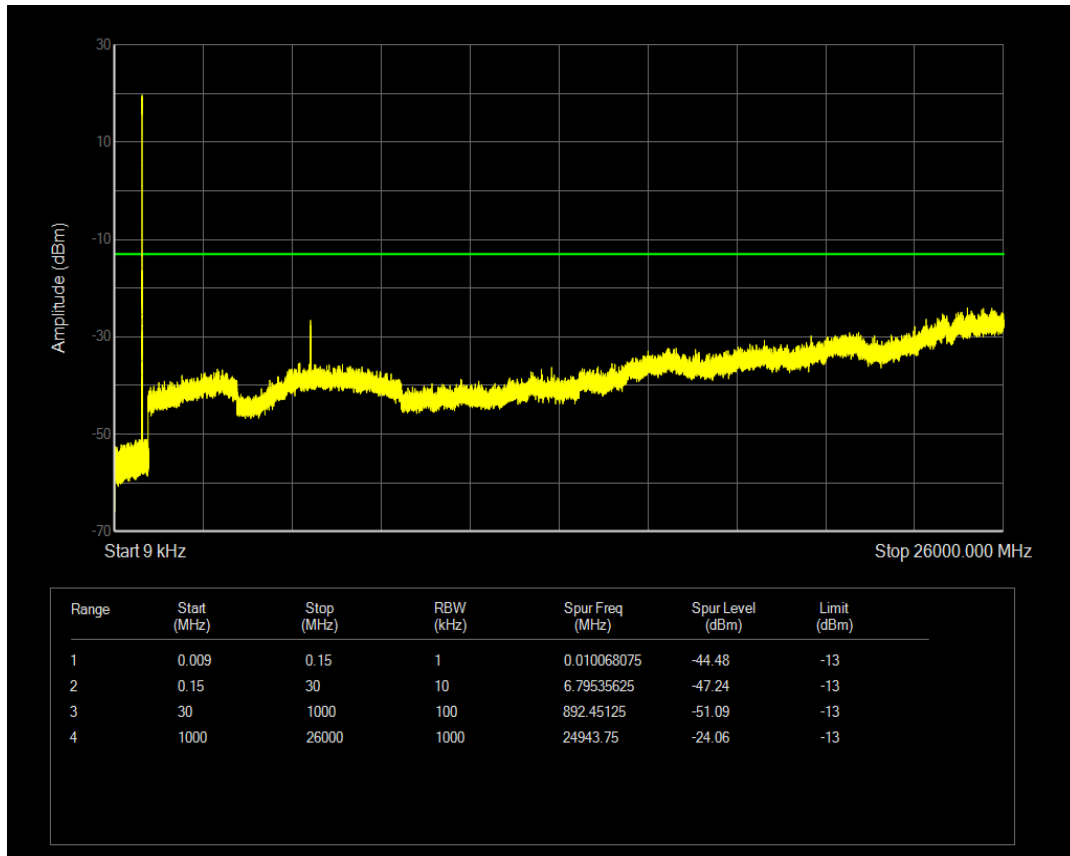
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



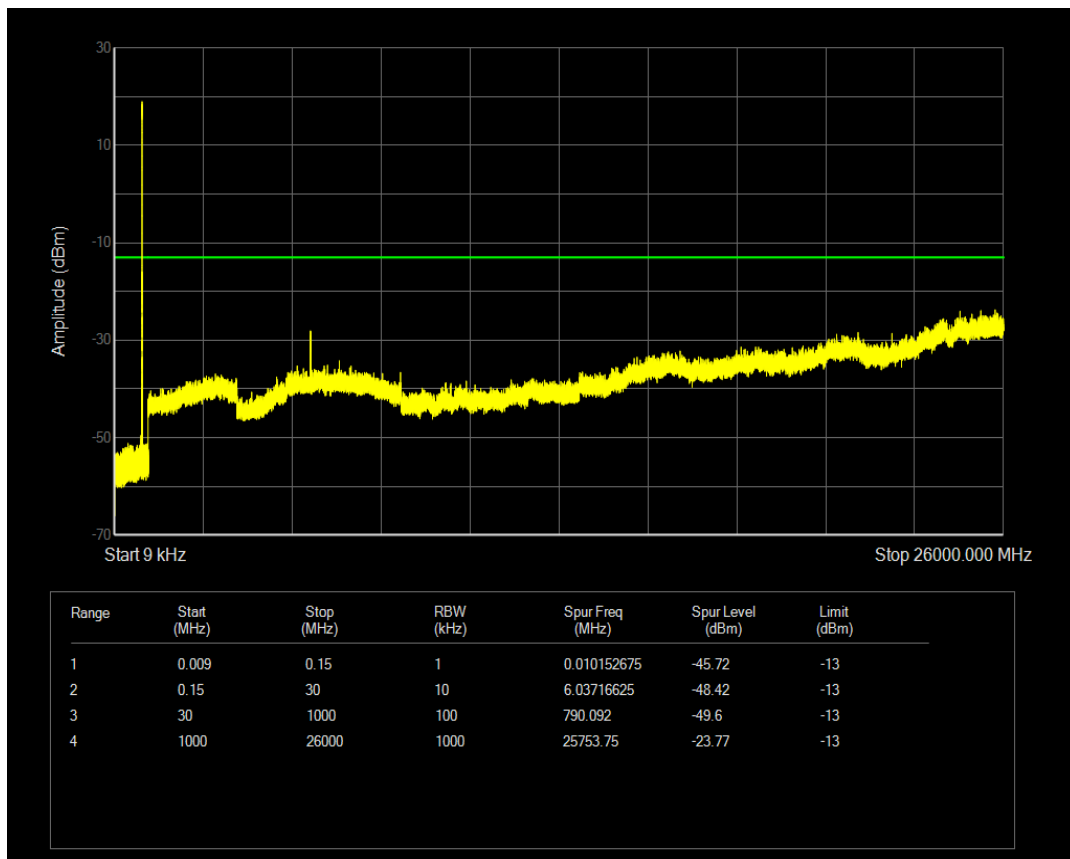
Appendix 6. Out-of-band emissions

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	24943.75	-24.06	-13	PASS
Band5	1.4	20407	6	#0	16QAM	25753.75	-23.77	-13	PASS
Band5	1.4	20525	6	#0	QPSK	25567.50	-24.09	-13	PASS
Band5	1.4	20525	6	#0	16QAM	25634.38	-23.90	-13	PASS
Band5	1.4	20643	6	#0	QPSK	24291.88	-23.98	-13	PASS
Band5	1.4	20643	6	#0	16QAM	25459.38	-24.28	-13	PASS
Band5	3	20415	15	#0	QPSK	25870.63	-23.27	-13	PASS
Band5	3	20415	15	#0	16QAM	25769.38	-23.68	-13	PASS
Band5	3	20525	15	#0	QPSK	25470.00	-24.60	-13	PASS
Band5	3	20525	15	#0	16QAM	25211.25	-24.48	-13	PASS
Band5	3	20635	15	#0	QPSK	25618.13	-24.16	-13	PASS
Band5	3	20635	15	#0	16QAM	24770.63	-22.67	-13	PASS
Band5	5	20425	25	#0	QPSK	25783.13	-24.06	-13	PASS
Band5	5	20425	25	#0	16QAM	25988.13	-24.33	-13	PASS
Band5	5	20525	25	#0	QPSK	25980.00	-23.59	-13	PASS
Band5	5	20525	25	#0	16QAM	25440.00	-24.35	-13	PASS
Band5	5	20625	25	#0	QPSK	25975.00	-24.01	-13	PASS
Band5	5	20625	25	#0	16QAM	25521.25	-24.23	-13	PASS
Band5	10	20450	50	#0	QPSK	25468.75	-24.38	-13	PASS
Band5	10	20450	50	#0	16QAM	25989.38	-24.42	-13	PASS
Band5	10	20525	50	#0	QPSK	25449.38	-23.98	-13	PASS
Band5	10	20525	50	#0	16QAM	25641.25	-23.86	-13	PASS
Band5	10	20600	50	#0	QPSK	25768.13	-23.34	-13	PASS
Band5	10	20600	50	#0	16QAM	25940.63	-23.34	-13	PASS

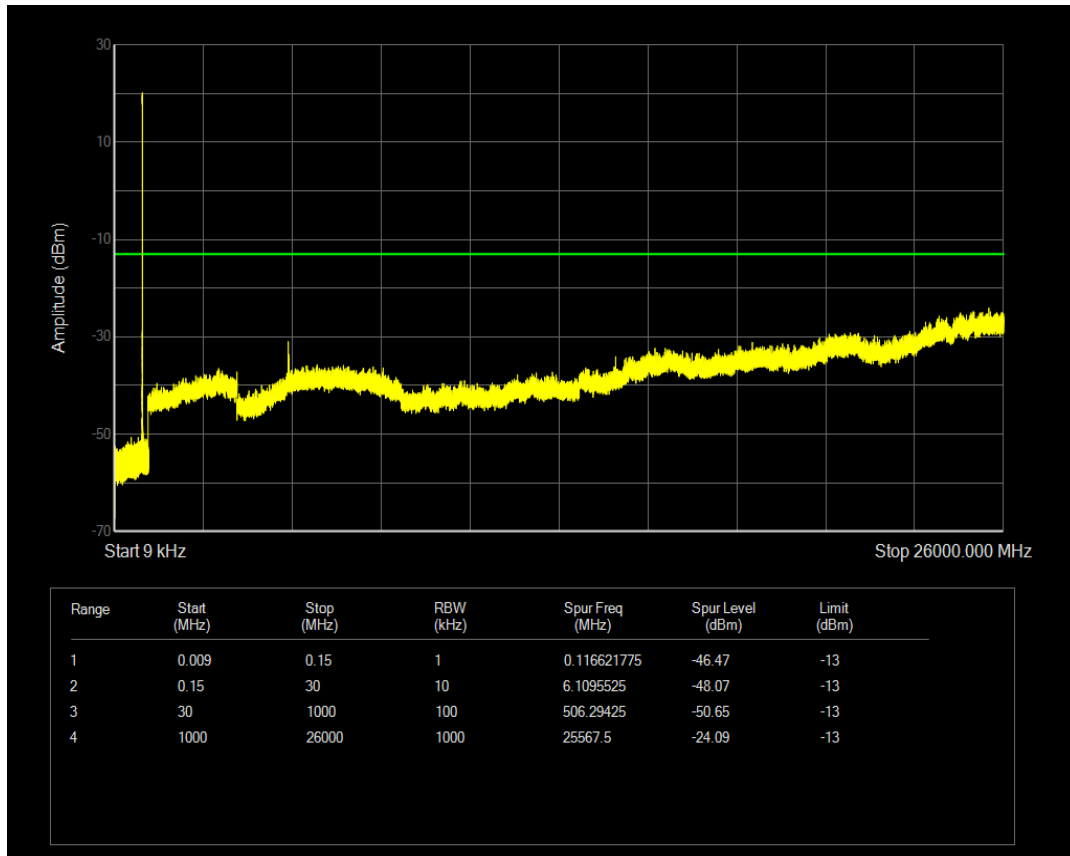
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



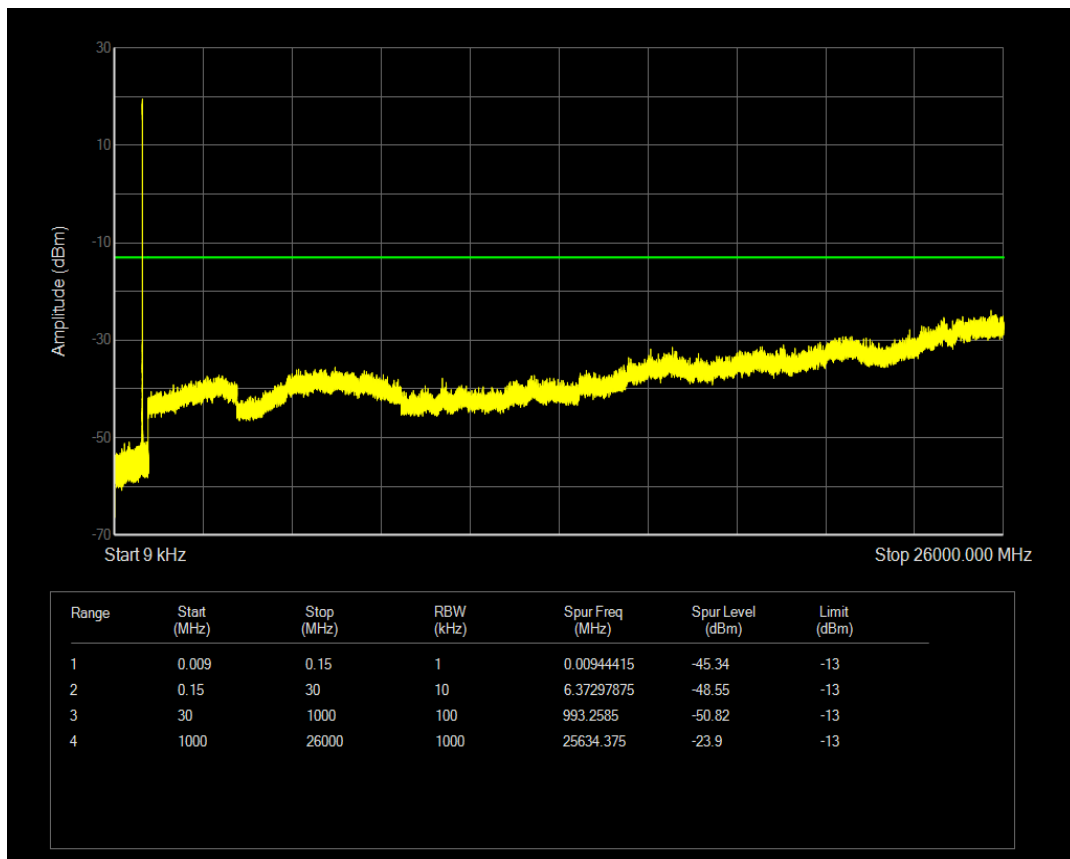
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



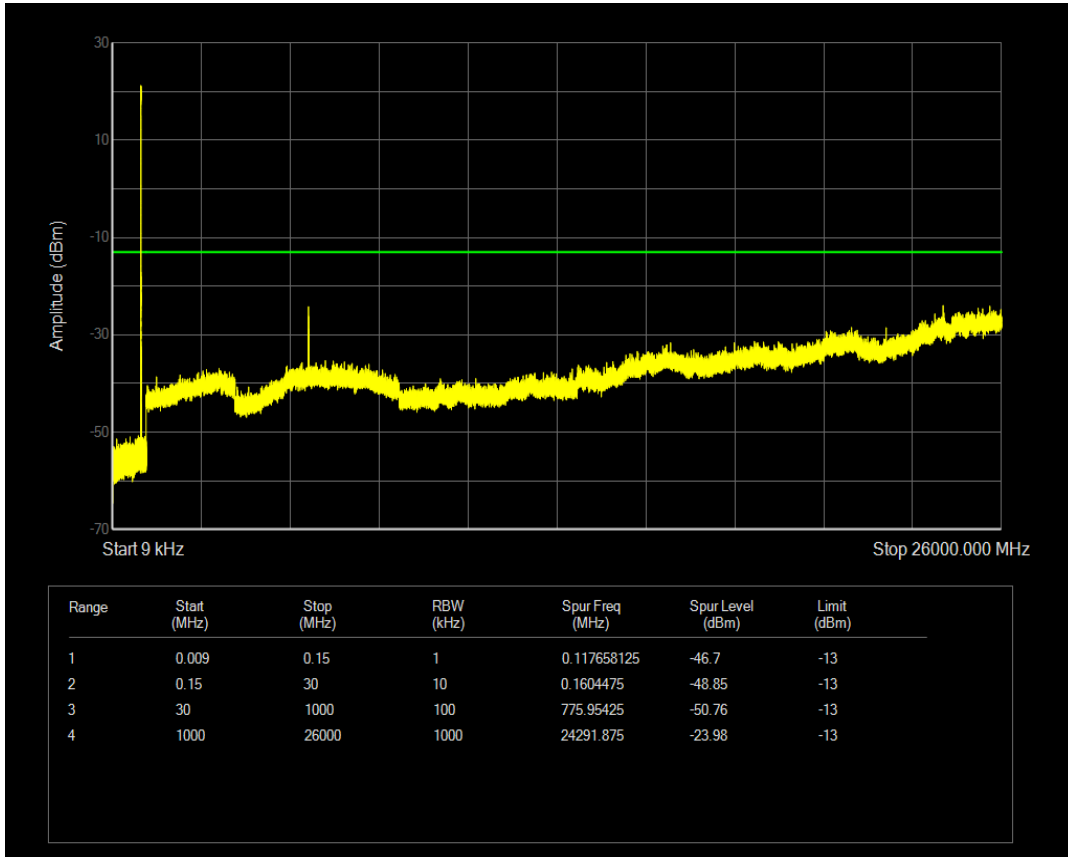
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



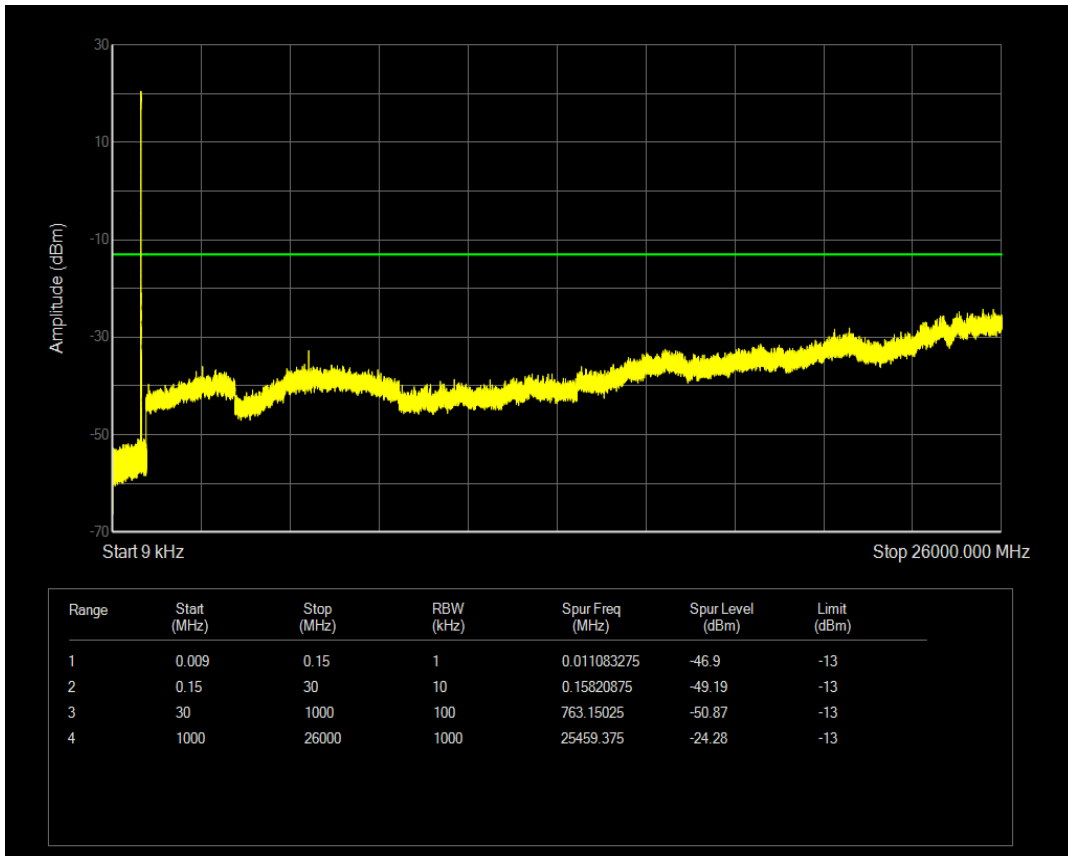
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



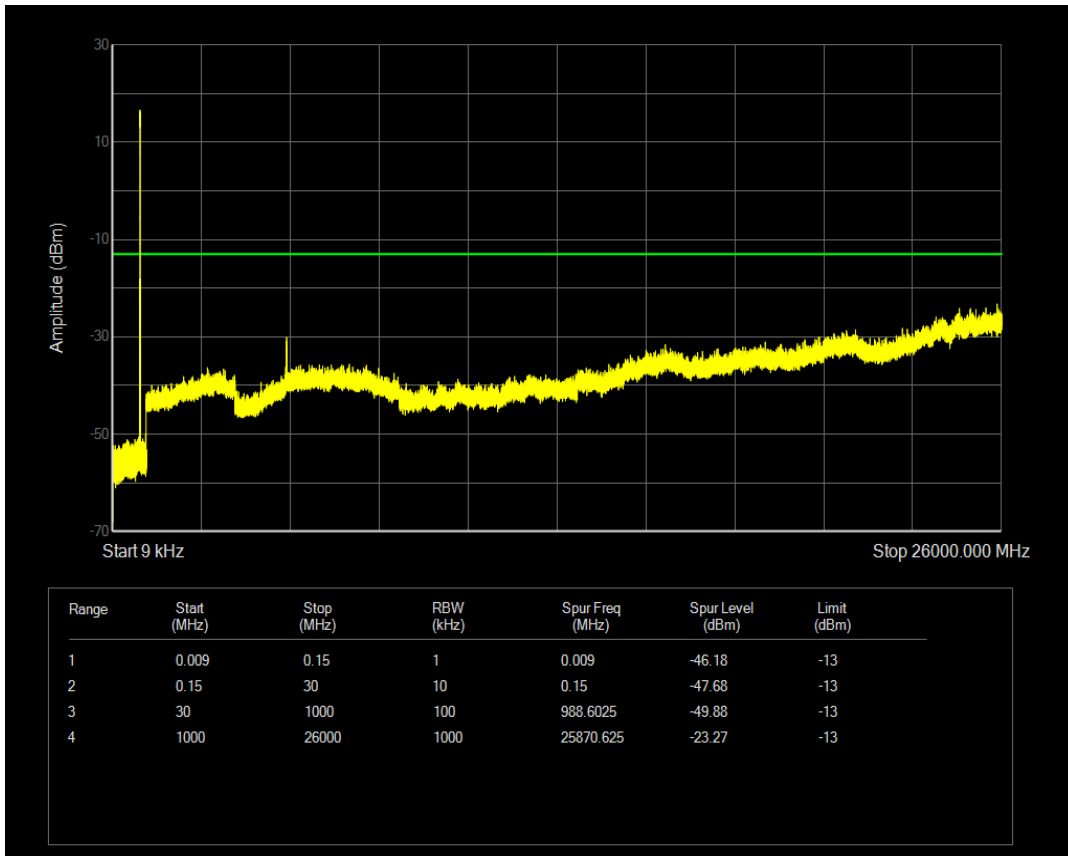
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



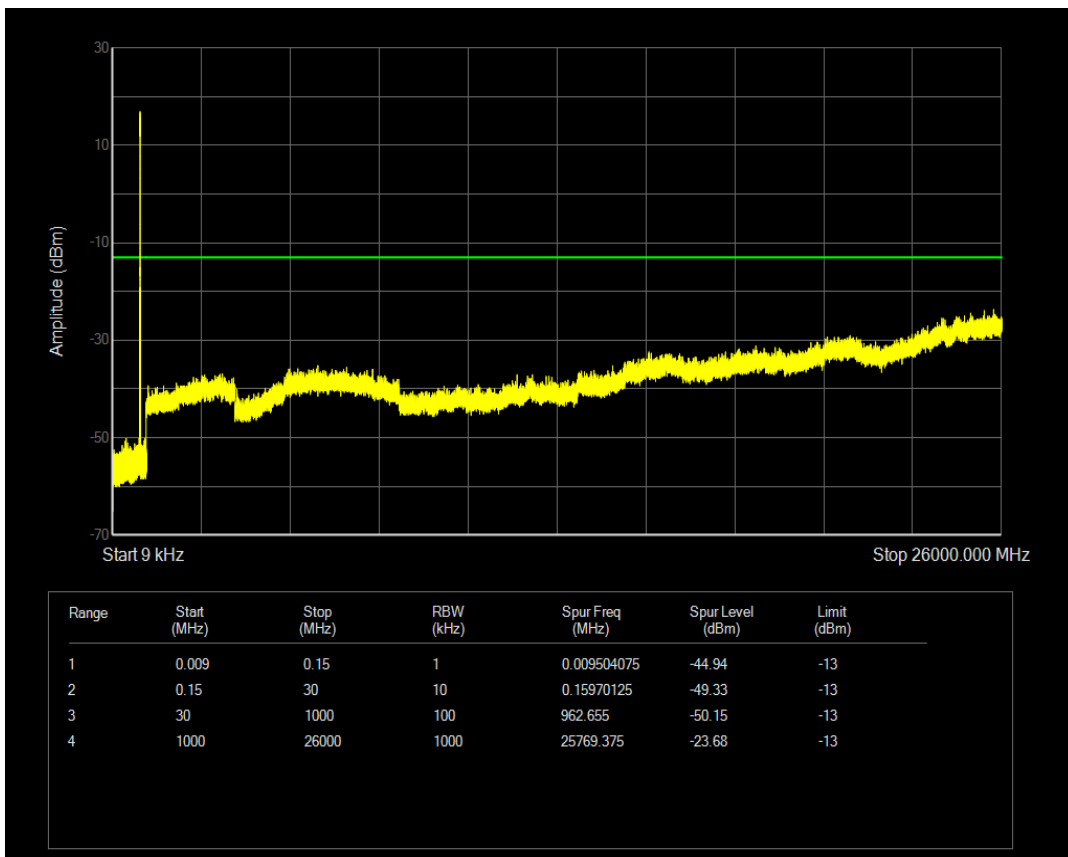
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



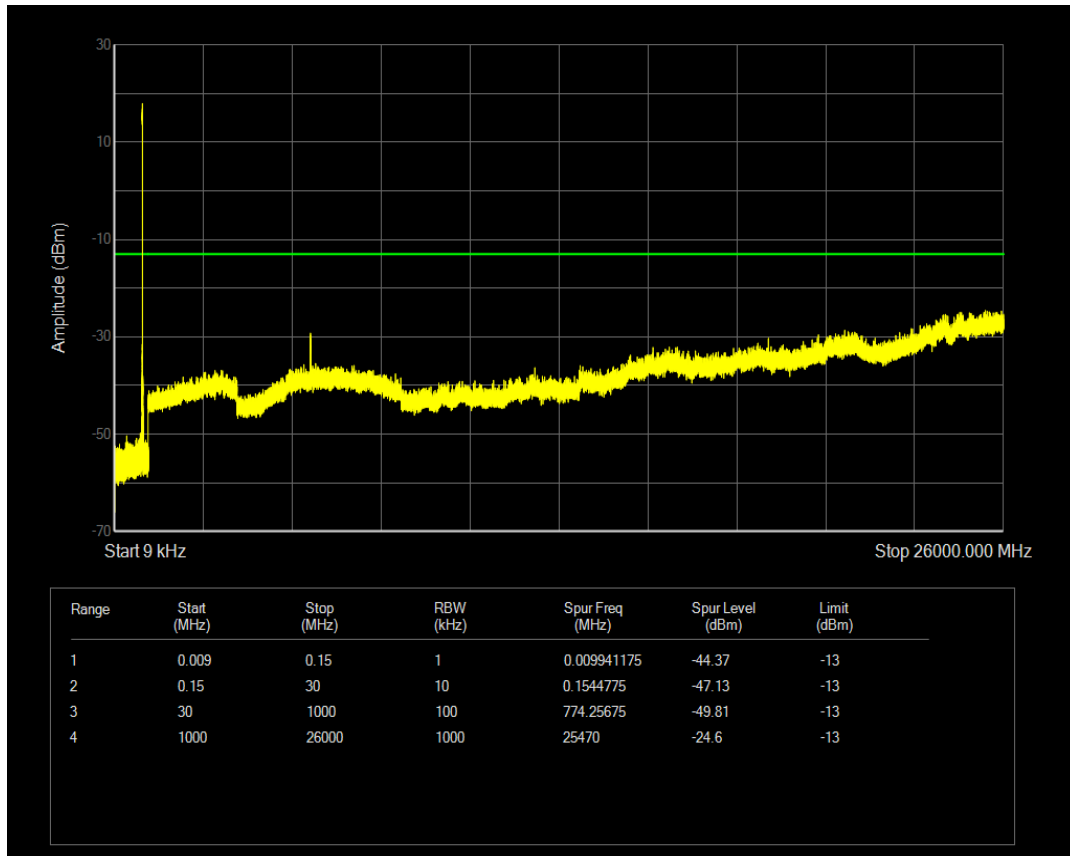
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



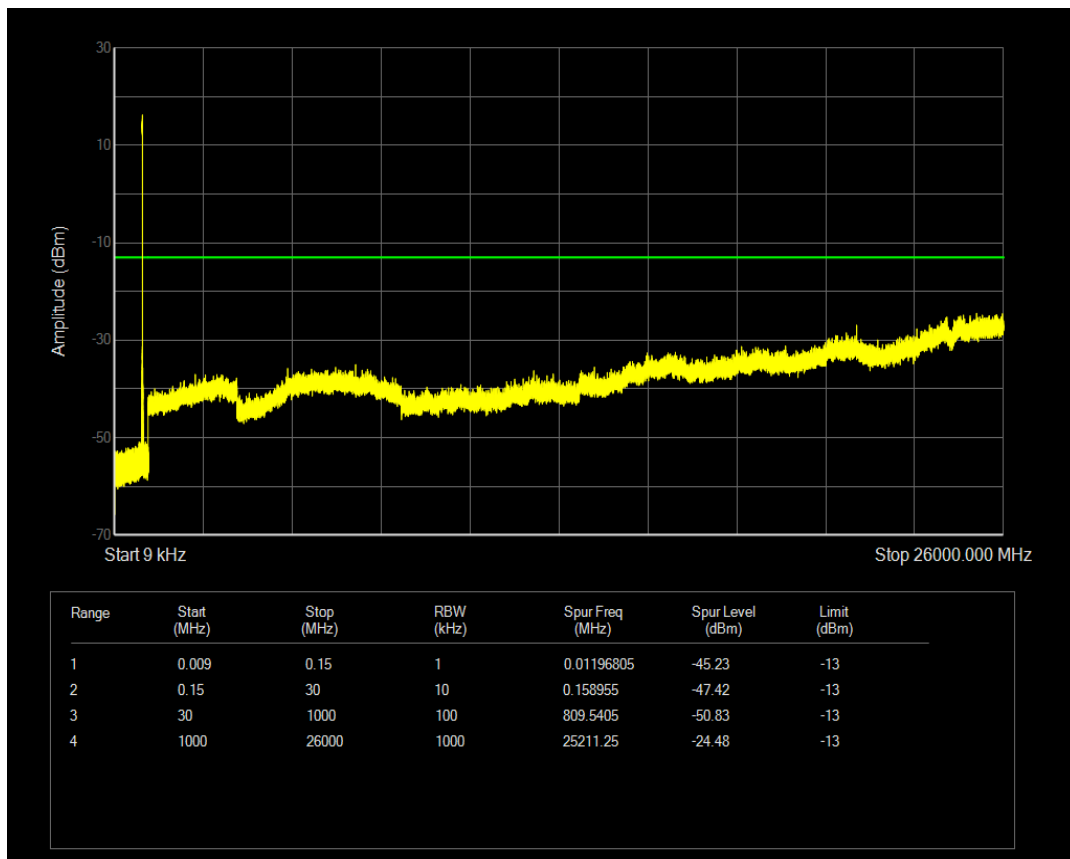
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



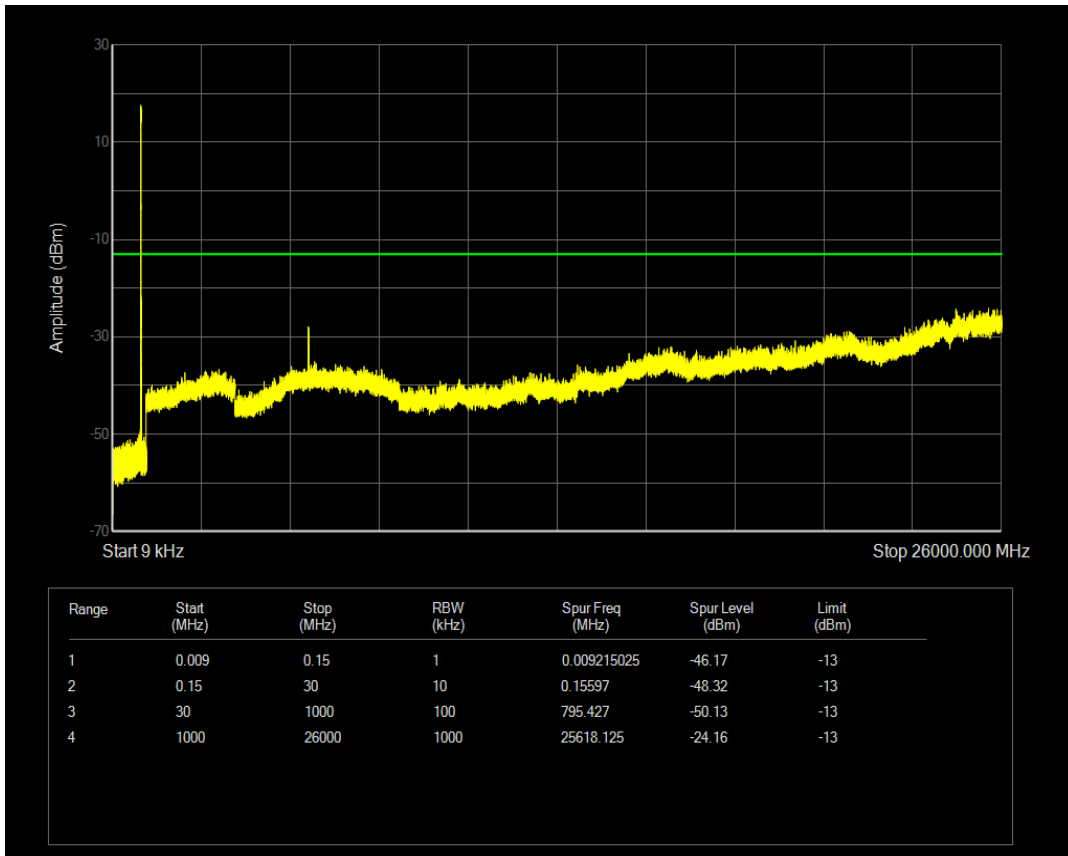
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



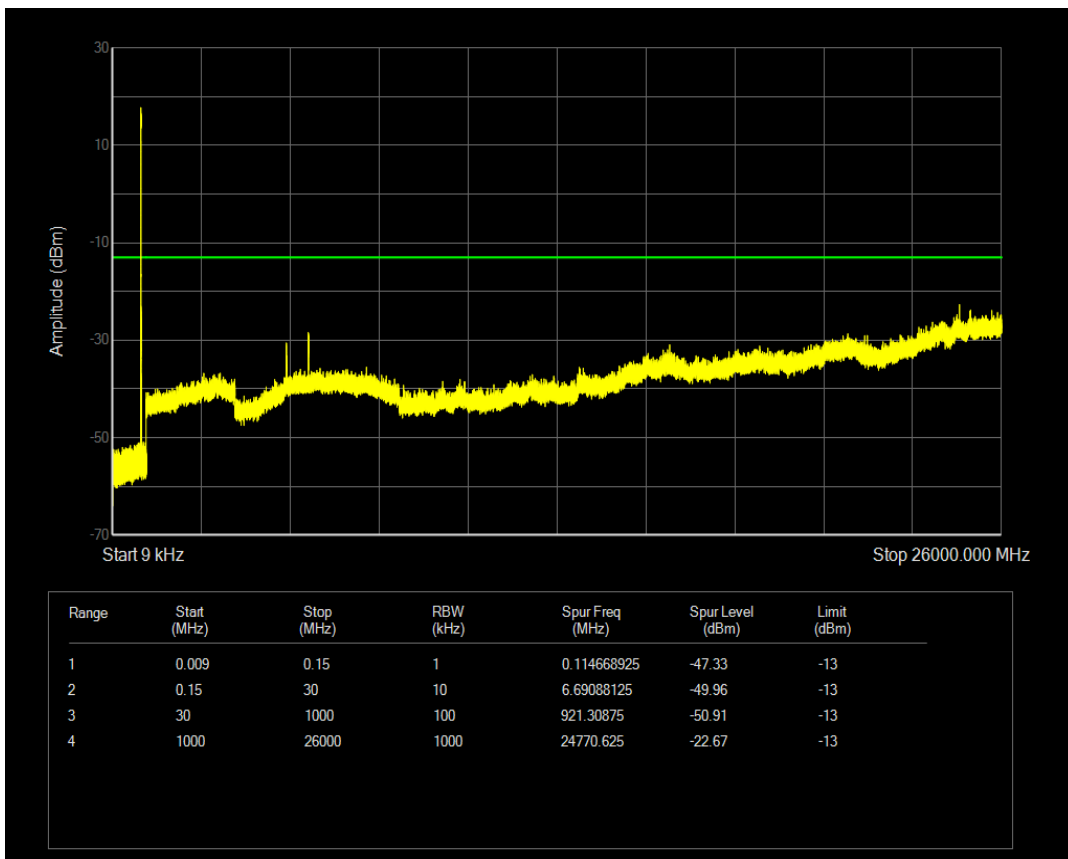
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



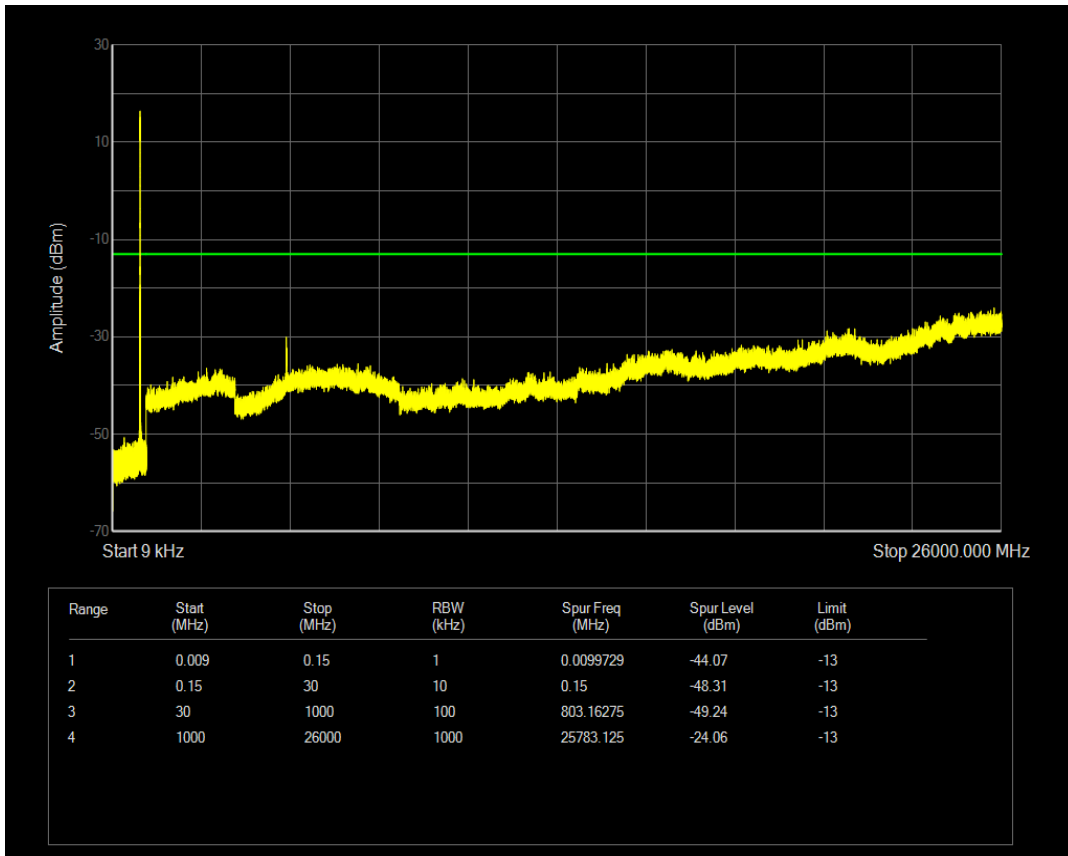
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



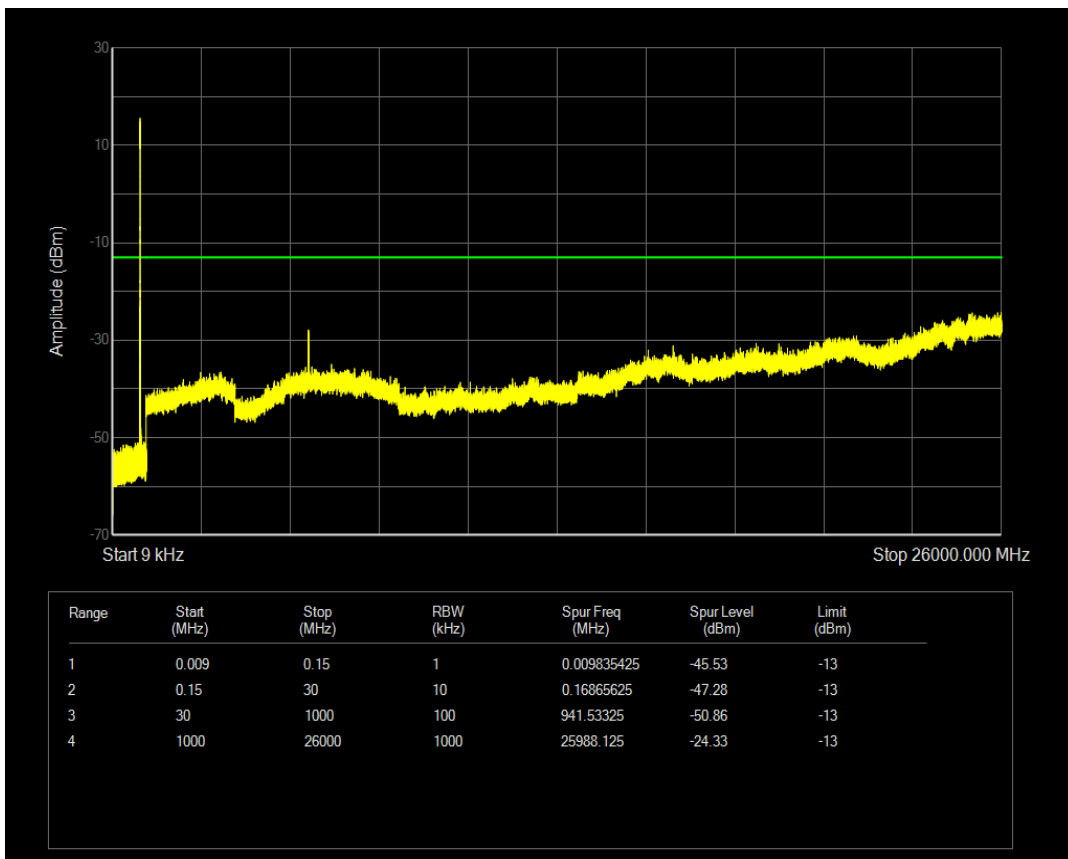
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



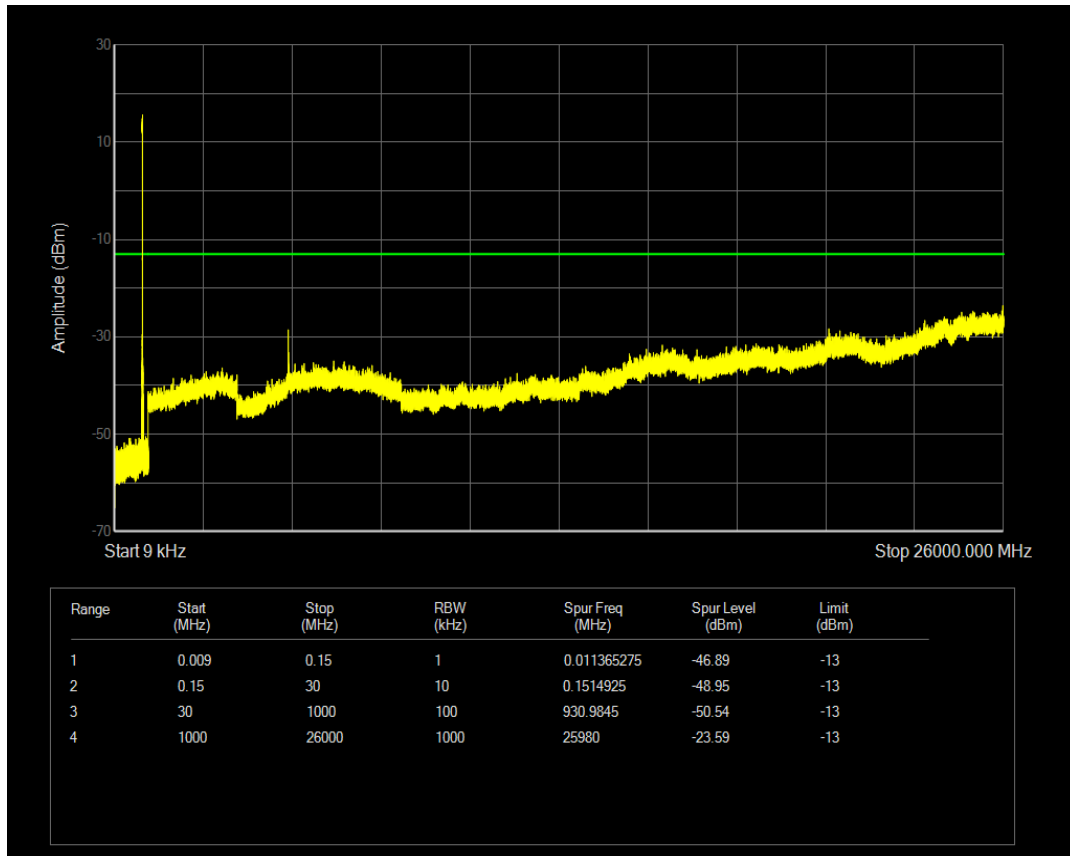
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



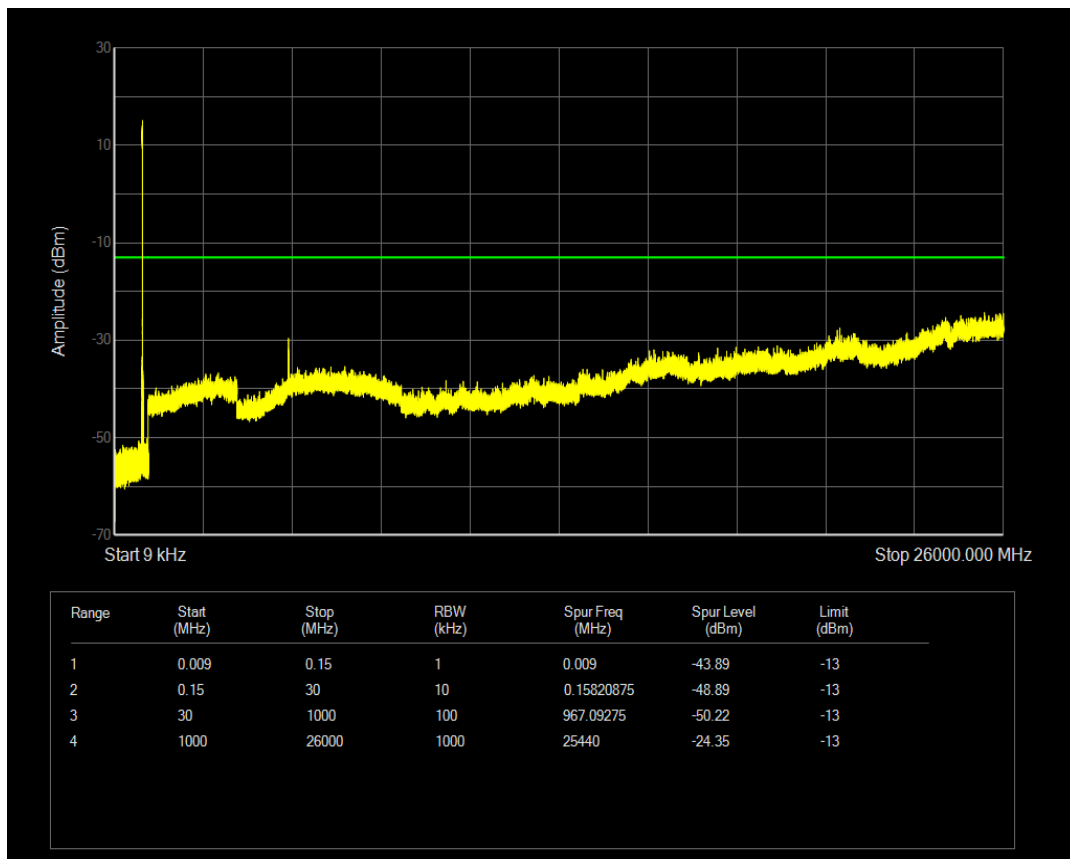
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



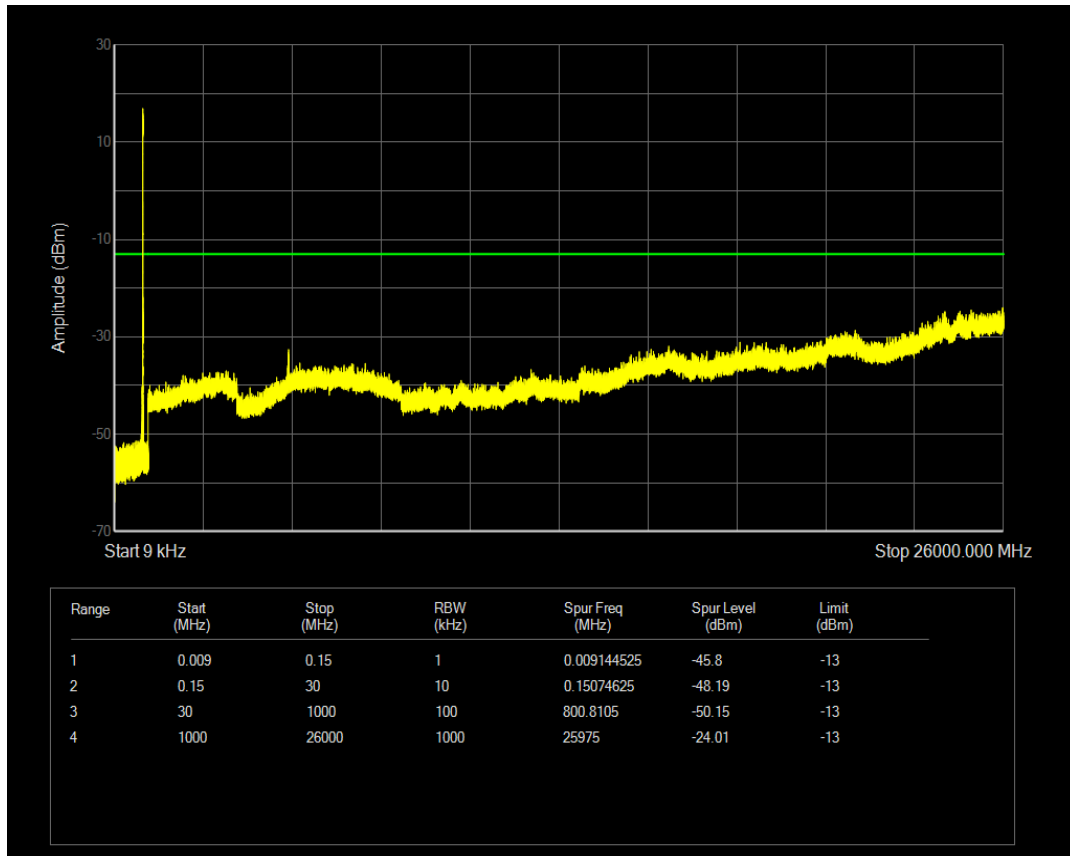
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



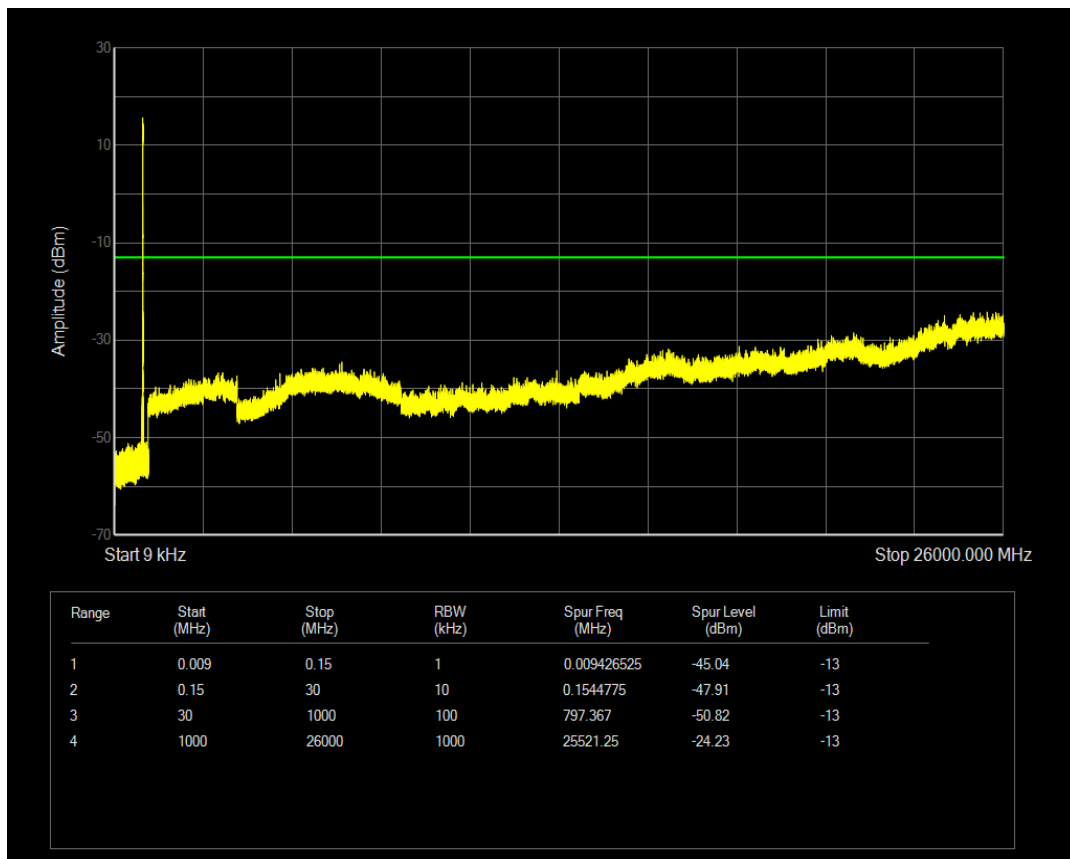
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



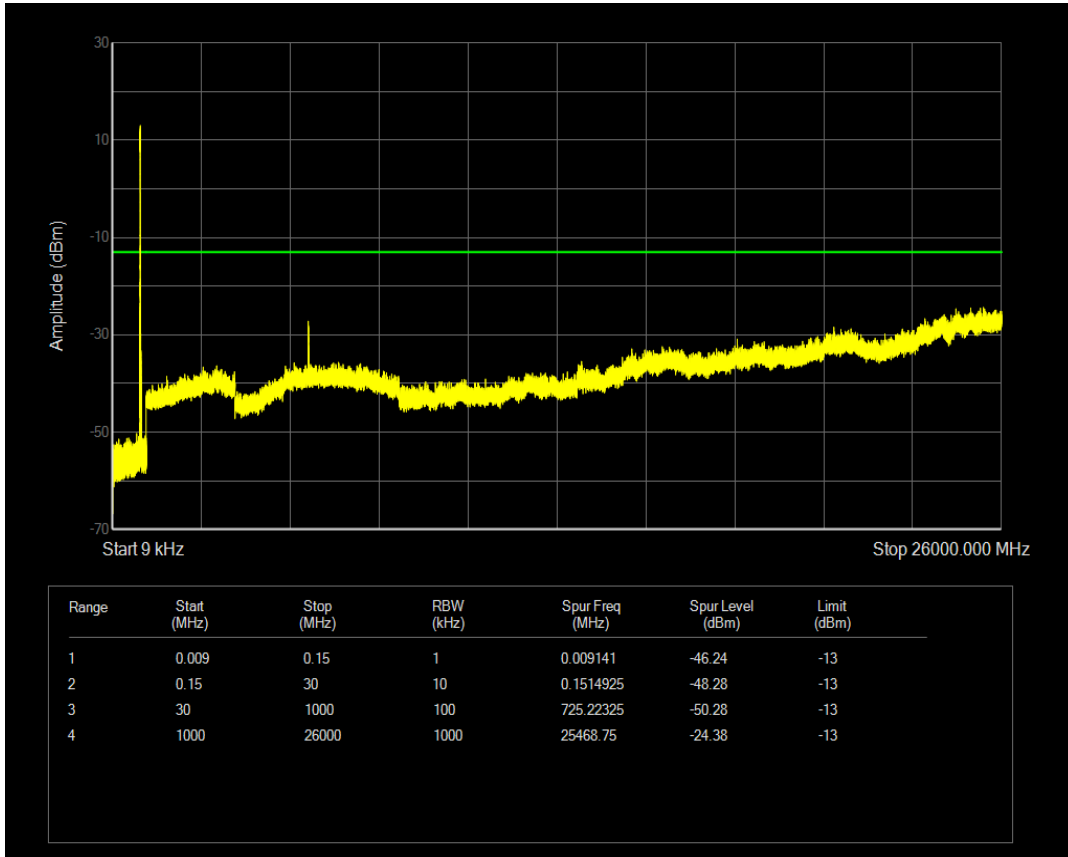
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



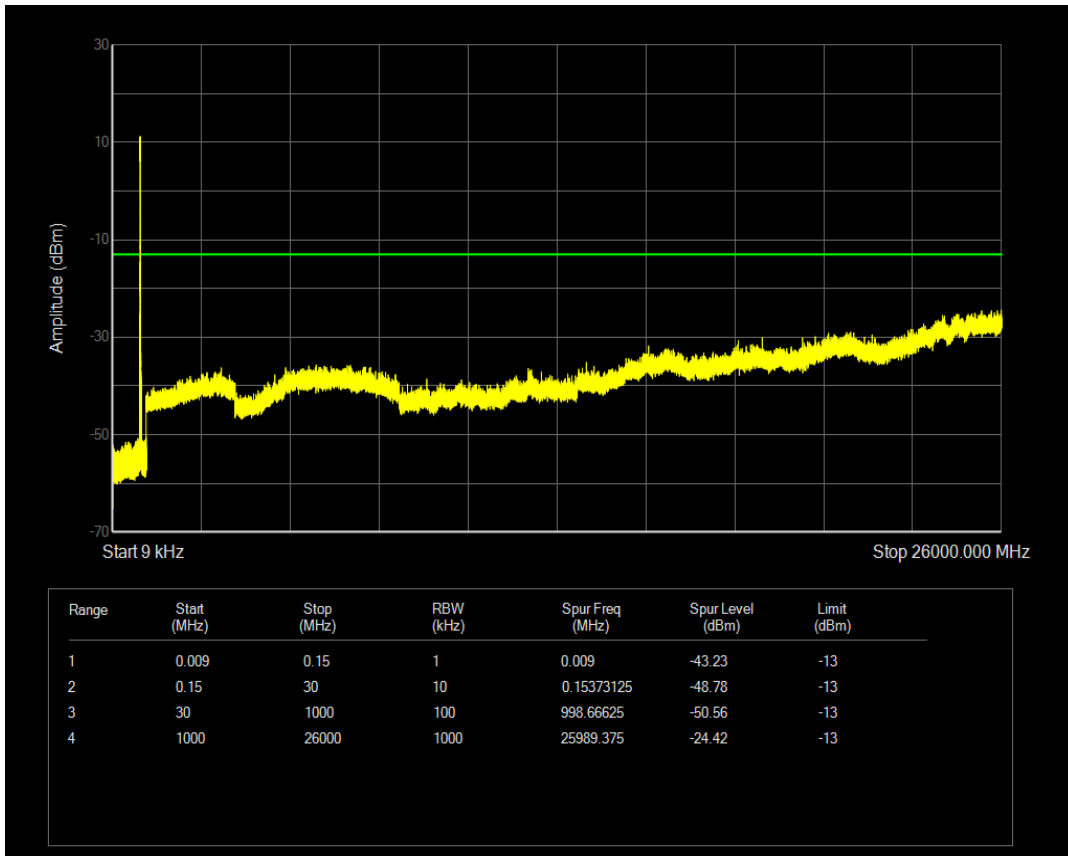
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



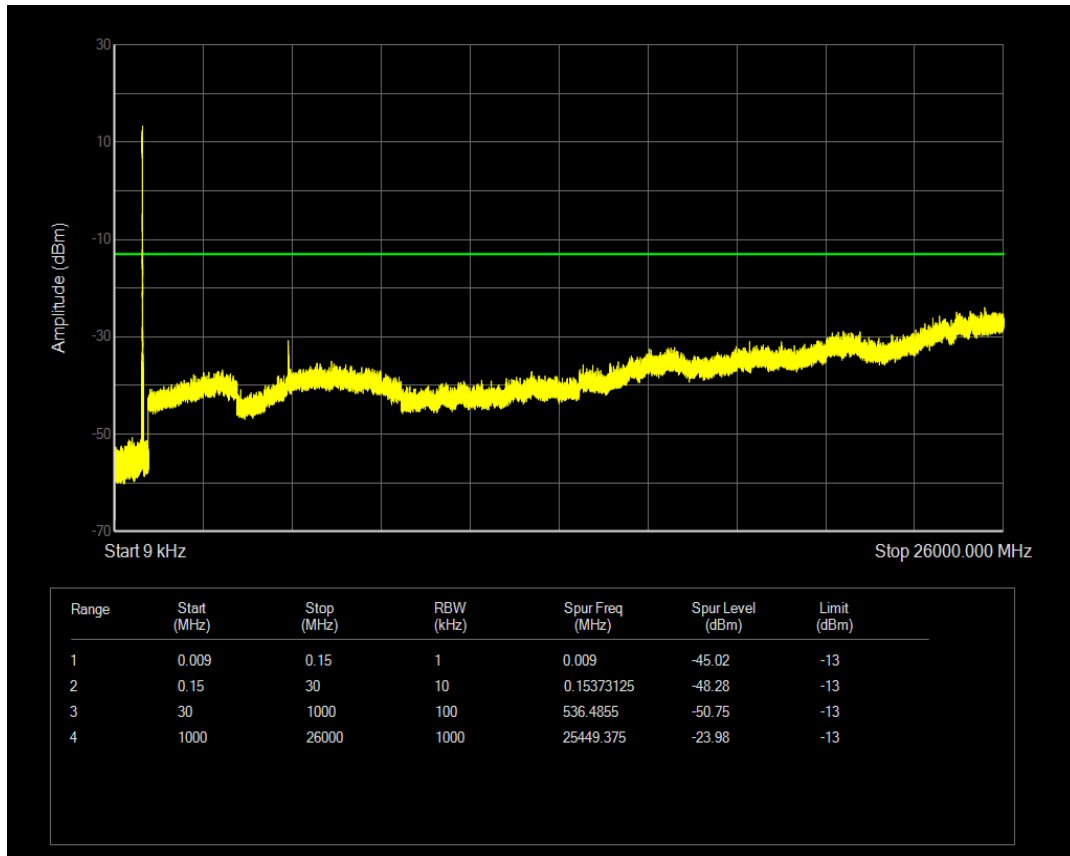
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



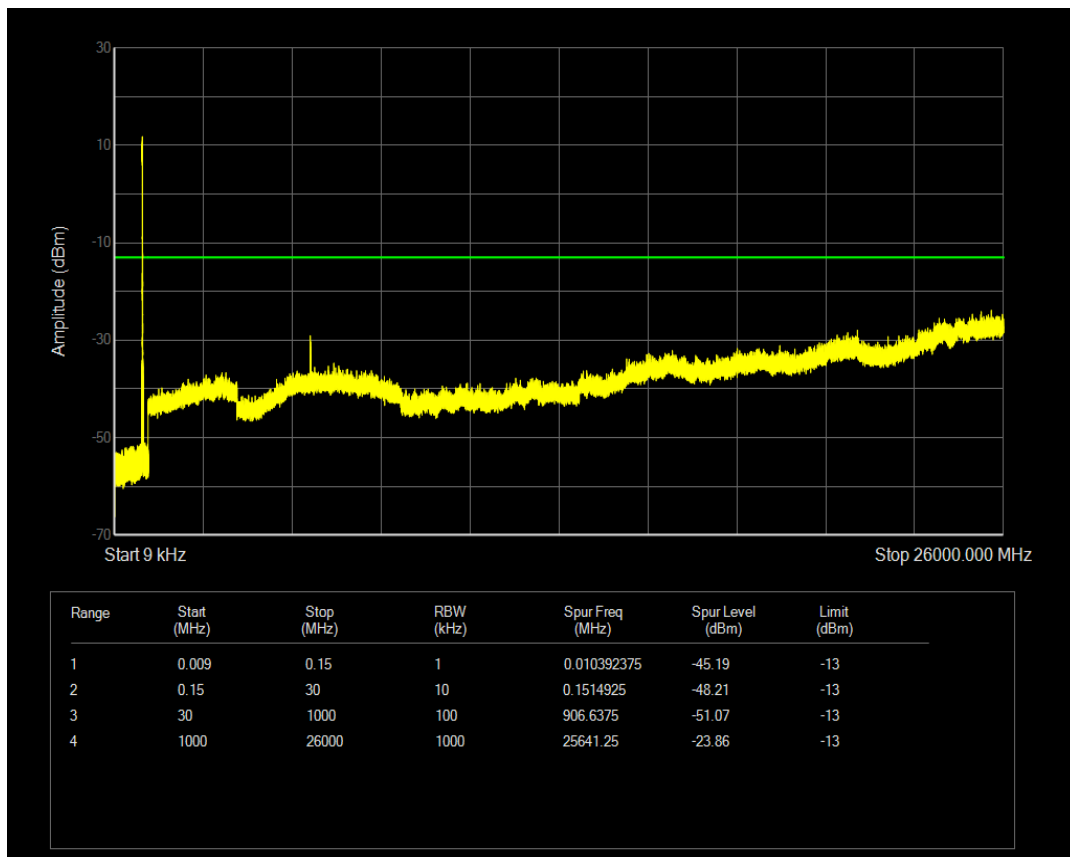
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



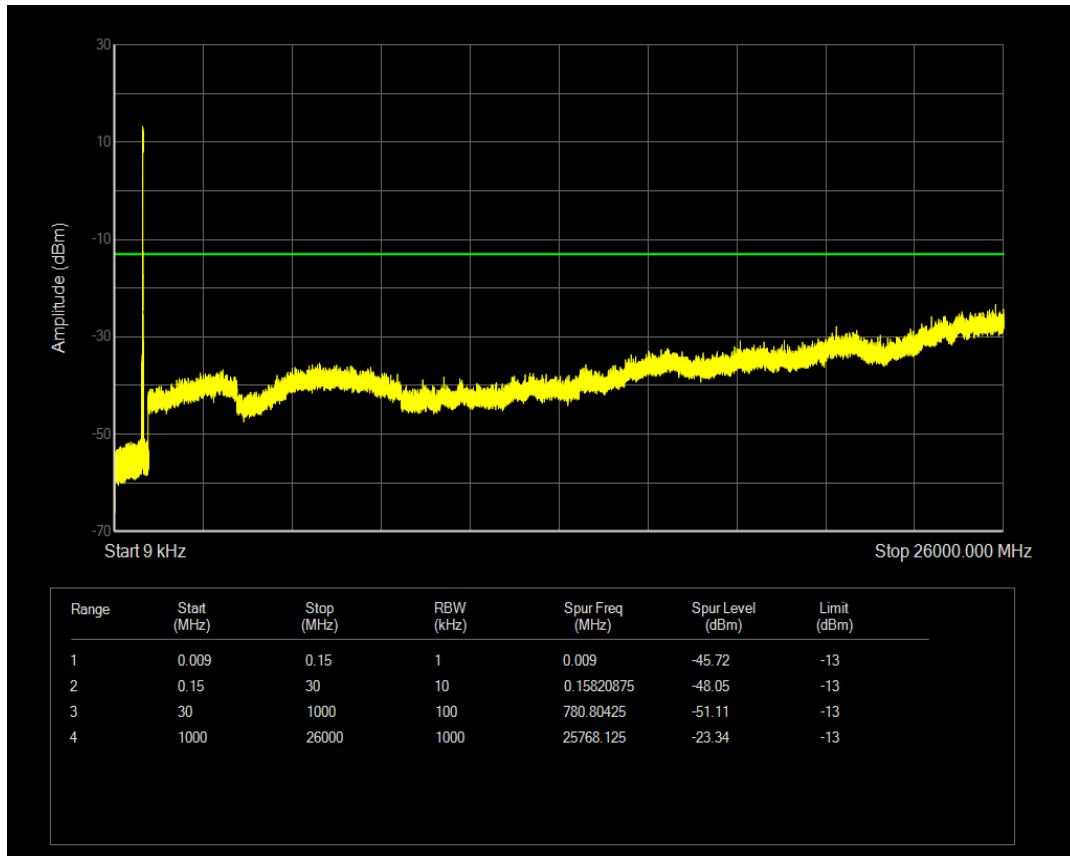
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



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

