

Appendix for Band 5

Report No.: BCTC2409488798-5E

Applicant: Shenzhen Huafurui Technology Co., Ltd.

Product Name: Smartphone

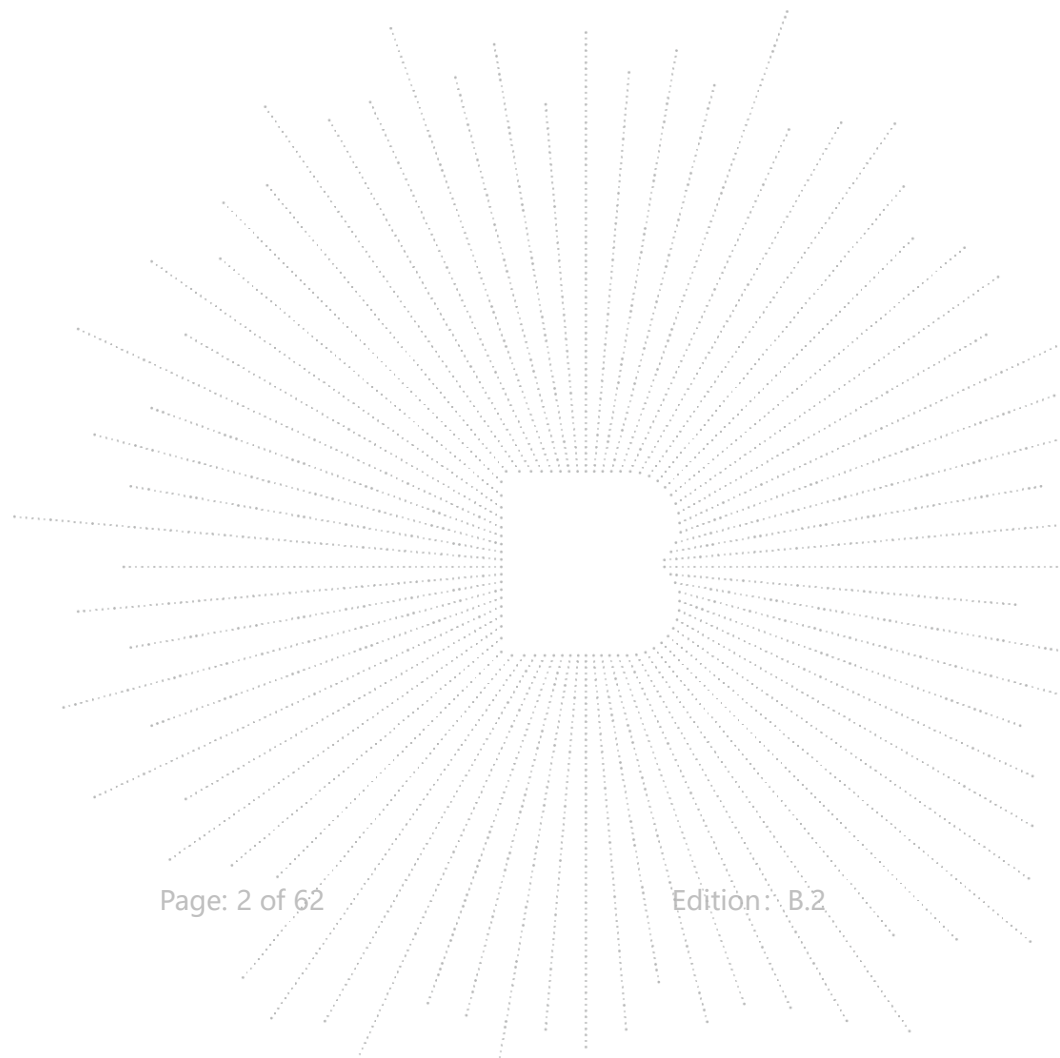
Test Model: KINGKONG X

Tested Date: 2024-09-12 to 2024-10-21

Shenzhen BCTC Testing Co., Ltd.

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

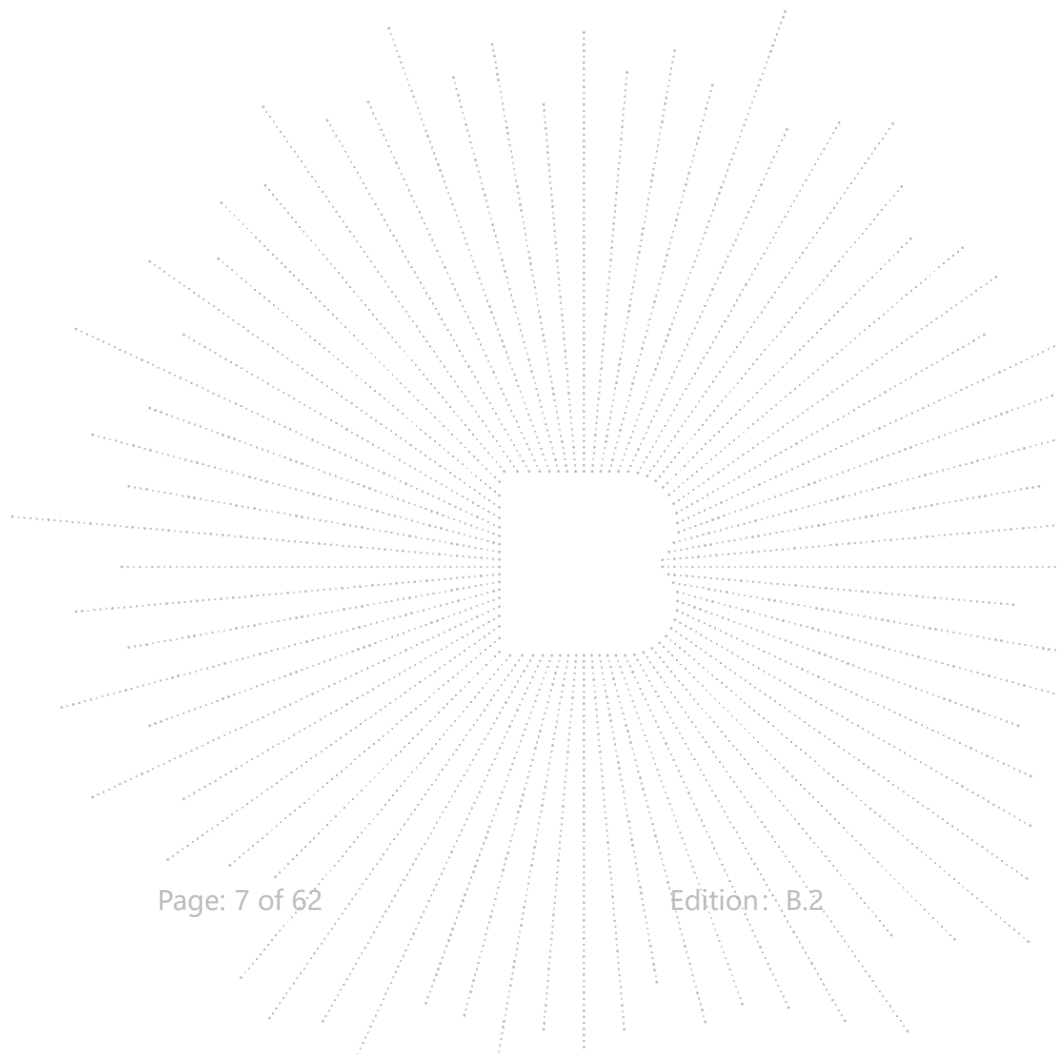
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	23.01	-2.9	17.96	PASS
Band5	1.4	20407	1	#Mid	QPSK	23.07	-2.9	18.02	PASS
Band5	1.4	20407	1	#Max	QPSK	23.01	-2.9	17.96	PASS
Band5	1.4	20407	3	#0	QPSK	22.95	-2.9	17.90	PASS
Band5	1.4	20407	3	#Mid	QPSK	22.92	-2.9	17.87	PASS
Band5	1.4	20407	3	#Max	QPSK	22.89	-2.9	17.84	PASS
Band5	1.4	20407	6	#0	QPSK	22.01	-2.9	16.96	PASS
Band5	1.4	20407	1	#0	16QAM	21.94	-2.9	16.89	PASS
Band5	1.4	20407	1	#Mid	16QAM	21.95	-2.9	16.90	PASS
Band5	1.4	20407	1	#Max	16QAM	21.88	-2.9	16.83	PASS
Band5	1.4	20407	3	#0	16QAM	22.10	-2.9	17.05	PASS
Band5	1.4	20407	3	#Mid	16QAM	22.12	-2.9	17.07	PASS
Band5	1.4	20407	3	#Max	16QAM	22.12	-2.9	17.07	PASS
Band5	1.4	20407	6	#0	16QAM	21.09	-2.9	16.04	PASS
Band5	1.4	20525	1	#0	QPSK	22.89	-2.9	17.84	PASS
Band5	1.4	20525	1	#Mid	QPSK	22.94	-2.9	17.89	PASS
Band5	1.4	20525	1	#Max	QPSK	22.89	-2.9	17.84	PASS
Band5	1.4	20525	3	#0	QPSK	22.81	-2.9	17.76	PASS
Band5	1.4	20525	3	#Mid	QPSK	22.82	-2.9	17.77	PASS
Band5	1.4	20525	3	#Max	QPSK	22.85	-2.9	17.80	PASS
Band5	1.4	20525	6	#0	QPSK	21.80	-2.9	16.75	PASS
Band5	1.4	20525	1	#0	16QAM	22.06	-2.9	17.01	PASS
Band5	1.4	20525	1	#Mid	16QAM	22.09	-2.9	17.04	PASS
Band5	1.4	20525	1	#Max	16QAM	22.07	-2.9	17.02	PASS
Band5	1.4	20525	3	#0	16QAM	22.04	-2.9	16.99	PASS
Band5	1.4	20525	3	#Mid	16QAM	22.06	-2.9	17.01	PASS
Band5	1.4	20525	3	#Max	16QAM	22.06	-2.9	17.01	PASS
Band5	1.4	20525	6	#0	16QAM	20.98	-2.9	15.93	PASS
Band5	1.4	20643	1	#0	QPSK	22.86	-2.9	17.81	PASS
Band5	1.4	20643	1	#Mid	QPSK	22.92	-2.9	17.87	PASS
Band5	1.4	20643	1	#Max	QPSK	22.80	-2.9	17.75	PASS
Band5	1.4	20643	3	#0	QPSK	22.89	-2.9	17.84	PASS
Band5	1.4	20643	3	#Mid	QPSK	22.86	-2.9	17.81	PASS
Band5	1.4	20643	3	#Max	QPSK	22.83	-2.9	17.78	PASS
Band5	1.4	20643	6	#0	QPSK	21.87	-2.9	16.82	PASS
Band5	1.4	20643	1	#0	16QAM	22.12	-2.9	17.07	PASS

Band5	1.4	20643	1	#Mid	16QAM	22.13	-2.9	17.08	PASS
Band5	1.4	20643	1	#Max	16QAM	22.10	-2.9	17.05	PASS
Band5	1.4	20643	3	#0	16QAM	22.08	-2.9	17.03	PASS
Band5	1.4	20643	3	#Mid	16QAM	22.08	-2.9	17.03	PASS
Band5	1.4	20643	3	#Max	16QAM	22.06	-2.9	17.01	PASS
Band5	1.4	20643	6	#0	16QAM	21.04	-2.9	15.99	PASS
Band5	3	20415	1	#0	QPSK	0.00	-2.9	-5.05	PASS
Band5	3	20415	1	#Mid	QPSK	0.00	-2.9	-5.05	PASS
Band5	3	20415	1	#Max	QPSK	0.00	-2.9	-5.05	PASS
Band5	3	20415	8	#0	QPSK	0.00	-2.9	-5.05	PASS
Band5	3	20415	8	#Mid	QPSK	0.00	-2.9	-5.05	PASS
Band5	3	20415	8	#Max	QPSK	21.89	-2.9	16.84	PASS
Band5	3	20415	15	#0	QPSK	21.91	-2.9	16.86	PASS
Band5	3	20415	1	#0	16QAM	22.38	-2.9	17.33	PASS
Band5	3	20415	1	#Mid	16QAM	22.38	-2.9	17.33	PASS
Band5	3	20415	1	#Max	16QAM	22.29	-2.9	17.24	PASS
Band5	3	20415	8	#0	16QAM	20.91	-2.9	15.86	PASS
Band5	3	20415	8	#Mid	16QAM	20.92	-2.9	15.87	PASS
Band5	3	20415	8	#Max	16QAM	20.90	-2.9	15.85	PASS
Band5	3	20415	15	#0	16QAM	20.91	-2.9	15.86	PASS
Band5	3	20525	1	#0	QPSK	22.80	-2.9	17.75	PASS
Band5	3	20525	1	#Mid	QPSK	22.86	-2.9	17.81	PASS
Band5	3	20525	1	#Max	QPSK	22.81	-2.9	17.76	PASS
Band5	3	20525	8	#0	QPSK	21.79	-2.9	16.74	PASS
Band5	3	20525	8	#Mid	QPSK	21.81	-2.9	16.76	PASS
Band5	3	20525	8	#Max	QPSK	21.79	-2.9	16.74	PASS
Band5	3	20525	15	#0	QPSK	21.80	-2.9	16.75	PASS
Band5	3	20525	1	#0	16QAM	22.03	-2.9	16.98	PASS
Band5	3	20525	1	#Mid	16QAM	22.08	-2.9	17.03	PASS
Band5	3	20525	1	#Max	16QAM	22.04	-2.9	16.99	PASS
Band5	3	20525	8	#0	16QAM	20.79	-2.9	15.74	PASS
Band5	3	20525	8	#Mid	16QAM	20.80	-2.9	15.75	PASS
Band5	3	20525	8	#Max	16QAM	20.80	-2.9	15.75	PASS
Band5	3	20525	15	#0	16QAM	20.75	-2.9	15.70	PASS
Band5	3	20635	1	#0	QPSK	23.00	-2.9	17.95	PASS
Band5	3	20635	1	#Mid	QPSK	23.00	-2.9	17.95	PASS
Band5	3	20635	1	#Max	QPSK	22.88	-2.9	17.83	PASS
Band5	3	20635	8	#0	QPSK	21.88	-2.9	16.83	PASS
Band5	3	20635	8	#Mid	QPSK	21.92	-2.9	16.87	PASS
Band5	3	20635	8	#Max	QPSK	21.89	-2.9	16.84	PASS
Band5	3	20635	15	#0	QPSK	21.85	-2.9	16.80	PASS
Band5	3	20635	1	#0	16QAM	22.36	-2.9	17.31	PASS
Band5	3	20635	1	#Mid	16QAM	22.38	-2.9	17.33	PASS

Band5	3	20635	1	#Max	16QAM	22.27	-2.9	17.22	PASS
Band5	3	20635	8	#0	16QAM	20.96	-2.9	15.91	PASS
Band5	3	20635	8	#Mid	16QAM	20.96	-2.9	15.91	PASS
Band5	3	20635	8	#Max	16QAM	20.97	-2.9	15.92	PASS
Band5	3	20635	15	#0	16QAM	20.96	-2.9	15.91	PASS
Band5	5	20425	1	#0	QPSK	22.95	-2.9	17.90	PASS
Band5	5	20425	1	#Mid	QPSK	22.97	-2.9	17.92	PASS
Band5	5	20425	1	#Max	QPSK	22.91	-2.9	17.86	PASS
Band5	5	20425	12	#0	QPSK	21.98	-2.9	16.93	PASS
Band5	5	20425	12	#Mid	QPSK	21.90	-2.9	16.85	PASS
Band5	5	20425	12	#Max	QPSK	21.87	-2.9	16.82	PASS
Band5	5	20425	25	#0	QPSK	21.93	-2.9	16.88	PASS
Band5	5	20425	1	#0	16QAM	22.29	-2.9	17.24	PASS
Band5	5	20425	1	#Mid	16QAM	22.28	-2.9	17.23	PASS
Band5	5	20425	1	#Max	16QAM	22.23	-2.9	17.18	PASS
Band5	5	20425	12	#0	16QAM	21.03	-2.9	15.98	PASS
Band5	5	20425	12	#Mid	16QAM	20.92	-2.9	15.87	PASS
Band5	5	20425	12	#Max	16QAM	20.89	-2.9	15.84	PASS
Band5	5	20425	25	#0	16QAM	20.88	-2.9	15.83	PASS
Band5	5	20525	1	#0	QPSK	22.94	-2.9	17.89	PASS
Band5	5	20525	1	#Mid	QPSK	23.00	-2.9	17.95	PASS
Band5	5	20525	1	#Max	QPSK	22.92	-2.9	17.87	PASS
Band5	5	20525	12	#0	QPSK	21.70	-2.9	16.65	PASS
Band5	5	20525	12	#Mid	QPSK	21.82	-2.9	16.77	PASS
Band5	5	20525	12	#Max	QPSK	21.87	-2.9	16.82	PASS
Band5	5	20525	25	#0	QPSK	21.83	-2.9	16.78	PASS
Band5	5	20525	1	#0	16QAM	22.32	-2.9	17.27	PASS
Band5	5	20525	1	#Mid	16QAM	22.37	-2.9	17.32	PASS
Band5	5	20525	1	#Max	16QAM	22.35	-2.9	17.30	PASS
Band5	5	20525	12	#0	16QAM	20.75	-2.9	15.70	PASS
Band5	5	20525	12	#Mid	16QAM	20.76	-2.9	15.71	PASS
Band5	5	20525	12	#Max	16QAM	20.87	-2.9	15.82	PASS
Band5	5	20525	25	#0	16QAM	20.78	-2.9	15.73	PASS
Band5	5	20625	1	#0	QPSK	23.04	-2.9	17.99	PASS
Band5	5	20625	1	#Mid	QPSK	23.11	-2.9	18.06	PASS
Band5	5	20625	1	#Max	QPSK	23.04	-2.9	17.99	PASS
Band5	5	20625	12	#0	QPSK	22.01	-2.9	16.96	PASS
Band5	5	20625	12	#Mid	QPSK	21.93	-2.9	16.88	PASS
Band5	5	20625	12	#Max	QPSK	21.98	-2.9	16.93	PASS
Band5	5	20625	25	#0	QPSK	21.99	-2.9	16.94	PASS
Band5	5	20625	1	#0	16QAM	22.43	-2.9	17.38	PASS
Band5	5	20625	1	#Mid	16QAM	22.48	-2.9	17.43	PASS
Band5	5	20625	1	#Max	16QAM	22.35	-2.9	17.30	PASS

Band5	5	20625	12	#0	16QAM	20.93	-2.9	15.88	PASS
Band5	5	20625	12	#Mid	16QAM	20.85	-2.9	15.80	PASS
Band5	5	20625	12	#Max	16QAM	20.92	-2.9	15.87	PASS
Band5	5	20625	25	#0	16QAM	21.00	-2.9	15.95	PASS
Band5	10	20450	1	#0	QPSK	23.02	-2.9	17.97	PASS
Band5	10	20450	1	#Mid	QPSK	22.96	-2.9	17.91	PASS
Band5	10	20450	1	#Max	QPSK	22.87	-2.9	17.82	PASS
Band5	10	20450	25	#0	QPSK	21.97	-2.9	16.92	PASS
Band5	10	20450	25	#Mid	QPSK	21.92	-2.9	16.87	PASS
Band5	10	20450	25	#Max	QPSK	21.83	-2.9	16.78	PASS
Band5	10	20450	50	#0	QPSK	21.90	-2.9	16.85	PASS
Band5	10	20450	1	#0	16QAM	21.84	-2.9	16.79	PASS
Band5	10	20450	1	#Mid	16QAM	21.84	-2.9	16.79	PASS
Band5	10	20450	1	#Max	16QAM	21.74	-2.9	16.69	PASS
Band5	10	20450	25	#0	16QAM	20.97	-2.9	15.92	PASS
Band5	10	20450	25	#Mid	16QAM	20.91	-2.9	15.86	PASS
Band5	10	20450	25	#Max	16QAM	20.82	-2.9	15.77	PASS
Band5	10	20450	50	#0	16QAM	20.87	-2.9	15.82	PASS
Band5	10	20525	1	#0	QPSK	22.88	-2.9	17.83	PASS
Band5	10	20525	1	#Mid	QPSK	22.90	-2.9	17.85	PASS
Band5	10	20525	1	#Max	QPSK	22.89	-2.9	17.84	PASS
Band5	10	20525	25	#0	QPSK	21.75	-2.9	16.70	PASS
Band5	10	20525	25	#Mid	QPSK	21.82	-2.9	16.77	PASS
Band5	10	20525	25	#Max	QPSK	21.90	-2.9	16.85	PASS
Band5	10	20525	50	#0	QPSK	21.86	-2.9	16.81	PASS
Band5	10	20525	1	#0	16QAM	22.25	-2.9	17.20	PASS
Band5	10	20525	1	#Mid	16QAM	22.29	-2.9	17.24	PASS
Band5	10	20525	1	#Max	16QAM	22.31	-2.9	17.26	PASS
Band5	10	20525	25	#0	16QAM	20.82	-2.9	15.77	PASS
Band5	10	20525	25	#Mid	16QAM	20.85	-2.9	15.80	PASS
Band5	10	20525	25	#Max	16QAM	20.95	-2.9	15.90	PASS
Band5	10	20525	50	#0	16QAM	20.84	-2.9	15.79	PASS
Band5	10	20600	1	#0	QPSK	22.83	-2.9	17.78	PASS
Band5	10	20600	1	#Mid	QPSK	22.91	-2.9	17.86	PASS
Band5	10	20600	1	#Max	QPSK	22.87	-2.9	17.82	PASS
Band5	10	20600	25	#0	QPSK	22.00	-2.9	16.95	PASS
Band5	10	20600	25	#Mid	QPSK	21.91	-2.9	16.86	PASS
Band5	10	20600	25	#Max	QPSK	21.93	-2.9	16.88	PASS
Band5	10	20600	50	#0	QPSK	22.04	-2.9	16.99	PASS
Band5	10	20600	1	#0	16QAM	21.99	-2.9	16.94	PASS
Band5	10	20600	1	#Mid	16QAM	22.09	-2.9	17.04	PASS
Band5	10	20600	1	#Max	16QAM	22.03	-2.9	16.98	PASS
Band5	10	20600	25	#0	16QAM	21.01	-2.9	15.96	PASS

Band5	10	20600	25	#Mid	16QAM	20.90	-2.9	15.85	PASS
Band5	10	20600	25	#Max	16QAM	20.94	-2.9	15.89	PASS
Band5	10	20600	50	#0	16QAM	21.04	-2.9	15.99	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	-1.56	-0.002	PASS
Band5	1.4	20407	6	#0	QPSK	NV	NT	-4.43	-0.005	PASS
Band5	1.4	20407	6	#0	QPSK	HV	NT	1.02	0.001	PASS
Band5	1.4	20407	6	#0	16QAM	LV	NT	2.93	0.004	PASS
Band5	1.4	20407	6	#0	16QAM	NV	NT	2.73	0.003	PASS
Band5	1.4	20407	6	#0	16QAM	HV	NT	6.15	0.007	PASS
Band5	1.4	20525	6	#0	QPSK	LV	NT	-1.76	-0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	NT	0.64	0.001	PASS
Band5	1.4	20525	6	#0	QPSK	HV	NT	3.63	0.004	PASS
Band5	1.4	20525	6	#0	16QAM	LV	NT	-1.50	-0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	NT	2.40	0.003	PASS
Band5	1.4	20525	6	#0	16QAM	HV	NT	3.93	0.005	PASS
Band5	1.4	20643	6	#0	QPSK	LV	NT	-1.62	-0.002	PASS
Band5	1.4	20643	6	#0	QPSK	NV	NT	0.56	0.001	PASS
Band5	1.4	20643	6	#0	QPSK	HV	NT	-2.76	-0.003	PASS
Band5	1.4	20643	6	#0	16QAM	LV	NT	1.49	0.002	PASS
Band5	1.4	20643	6	#0	16QAM	NV	NT	-4.58	-0.005	PASS
Band5	1.4	20643	6	#0	16QAM	HV	NT	-0.43	-0.001	PASS
Band5	3	20415	15	#0	QPSK	LV	NT	3.56	0.004	PASS
Band5	3	20415	15	#0	QPSK	NV	NT	3.08	0.004	PASS
Band5	3	20415	15	#0	QPSK	HV	NT	-7.82	-0.009	PASS
Band5	3	20415	15	#0	16QAM	LV	NT	-0.82	-0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	NT	0.31	0.000	PASS
Band5	3	20415	15	#0	16QAM	HV	NT	0.16	0.000	PASS
Band5	3	20525	15	#0	QPSK	LV	NT	0.57	0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	NT	-5.04	-0.006	PASS
Band5	3	20525	15	#0	QPSK	HV	NT	2.55	0.003	PASS
Band5	3	20525	15	#0	16QAM	LV	NT	-4.61	-0.006	PASS
Band5	3	20525	15	#0	16QAM	NV	NT	-1.46	-0.002	PASS
Band5	3	20525	15	#0	16QAM	HV	NT	-5.91	-0.007	PASS
Band5	3	20635	15	#0	QPSK	LV	NT	5.58	0.007	PASS
Band5	3	20635	15	#0	QPSK	NV	NT	-5.58	-0.007	PASS
Band5	3	20635	15	#0	QPSK	HV	NT	-4.25	-0.005	PASS
Band5	3	20635	15	#0	16QAM	LV	NT	-1.53	-0.002	PASS
Band5	3	20635	15	#0	16QAM	NV	NT	2.27	0.003	PASS
Band5	3	20635	15	#0	16QAM	HV	NT	1.69	0.002	PASS
Band5	5	20425	25	#0	QPSK	LV	NT	-3.40	-0.004	PASS
Band5	5	20425	25	#0	QPSK	NV	NT	-7.31	-0.009	PASS

Band5	5	20425	25	#0	QPSK	HV	NT	-1.89	-0.002	PASS
Band5	5	20425	25	#0	16QAM	LV	NT	-1.57	-0.002	PASS
Band5	5	20425	25	#0	16QAM	NV	NT	5.16	0.006	PASS
Band5	5	20425	25	#0	16QAM	HV	NT	-7.45	-0.009	PASS
Band5	5	20525	25	#0	QPSK	LV	NT	-2.40	-0.003	PASS
Band5	5	20525	25	#0	QPSK	NV	NT	-1.14	-0.001	PASS
Band5	5	20525	25	#0	QPSK	HV	NT	1.83	0.002	PASS
Band5	5	20525	25	#0	16QAM	LV	NT	0.07	0.000	PASS
Band5	5	20525	25	#0	16QAM	NV	NT	5.35	0.006	PASS
Band5	5	20525	25	#0	16QAM	HV	NT	-0.17	0.000	PASS
Band5	5	20625	25	#0	QPSK	LV	NT	0.80	0.001	PASS
Band5	5	20625	25	#0	QPSK	NV	NT	0.30	0.000	PASS
Band5	5	20625	25	#0	QPSK	HV	NT	4.42	0.005	PASS
Band5	5	20625	25	#0	16QAM	LV	NT	-3.98	-0.005	PASS
Band5	5	20625	25	#0	16QAM	NV	NT	-0.33	0.000	PASS
Band5	5	20625	25	#0	16QAM	HV	NT	0.04	0.000	PASS
Band5	10	20450	50	#0	QPSK	LV	NT	1.37	0.002	PASS
Band5	10	20450	50	#0	QPSK	NV	NT	-0.10	0.000	PASS
Band5	10	20450	50	#0	QPSK	HV	NT	-1.16	-0.001	PASS
Band5	10	20450	50	#0	16QAM	LV	NT	0.17	0.000	PASS
Band5	10	20450	50	#0	16QAM	NV	NT	-3.02	-0.004	PASS
Band5	10	20450	50	#0	16QAM	HV	NT	-1.04	-0.001	PASS
Band5	10	20525	50	#0	QPSK	LV	NT	-0.73	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	NT	-1.26	-0.002	PASS
Band5	10	20525	50	#0	QPSK	HV	NT	0.73	0.001	PASS
Band5	10	20525	50	#0	16QAM	LV	NT	1.22	0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	NT	2.79	0.003	PASS
Band5	10	20525	50	#0	16QAM	HV	NT	1.63	0.002	PASS
Band5	10	20600	50	#0	QPSK	LV	NT	-1.46	-0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	NT	-0.44	-0.001	PASS
Band5	10	20600	50	#0	QPSK	HV	NT	-1.60	-0.002	PASS
Band5	10	20600	50	#0	16QAM	LV	NT	-2.55	-0.003	PASS
Band5	10	20600	50	#0	16QAM	NV	NT	-0.62	-0.001	PASS
Band5	10	20600	50	#0	16QAM	HV	NT	-2.55	-0.003	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	-4.02	-0.005	PASS
Band5	1.4	20407	6	#0	QPSK	NV	-20	-6.15	-0.007	PASS
Band5	1.4	20407	6	#0	QPSK	NV	-10	1.77	0.002	PASS
Band5	1.4	20407	6	#0	QPSK	NV	0	-0.73	-0.001	PASS
Band5	1.4	20407	6	#0	QPSK	NV	10	4.21	0.005	PASS
Band5	1.4	20407	6	#0	QPSK	NV	20	5.51	0.007	PASS

Band5	1.4	20407	6	#0	QPSK	NV	30	-0.60	-0.001	PASS
Band5	1.4	20407	6	#0	QPSK	NV	40	-3.38	-0.004	PASS
Band5	1.4	20407	6	#0	QPSK	NV	50	4.28	0.005	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-30	2.68	0.003	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-20	-3.86	-0.005	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-10	1.57	0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	0	-3.38	-0.004	PASS
Band5	1.4	20407	6	#0	16QAM	NV	10	3.88	0.005	PASS
Band5	1.4	20407	6	#0	16QAM	NV	20	4.18	0.005	PASS
Band5	1.4	20407	6	#0	16QAM	NV	30	4.94	0.006	PASS
Band5	1.4	20407	6	#0	16QAM	NV	40	-2.25	-0.003	PASS
Band5	1.4	20407	6	#0	16QAM	NV	50	-3.28	-0.004	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-30	-6.17	-0.007	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-20	3.09	0.004	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-10	-0.14	0.000	PASS
Band5	1.4	20525	6	#0	QPSK	NV	0	-2.03	-0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	10	1.42	0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	20	1.76	0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	30	-3.89	-0.005	PASS
Band5	1.4	20525	6	#0	QPSK	NV	40	-1.89	-0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	50	-0.21	0.000	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-30	3.62	0.004	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-20	1.36	0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-10	1.39	0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	0	1.42	0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	10	-1.22	-0.001	PASS
Band5	1.4	20525	6	#0	16QAM	NV	20	-0.59	-0.001	PASS
Band5	1.4	20525	6	#0	16QAM	NV	30	-5.59	-0.007	PASS
Band5	1.4	20525	6	#0	16QAM	NV	40	-1.95	-0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	50	4.39	0.005	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-30	-2.43	-0.003	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-20	-5.84	-0.007	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-10	-1.12	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	0	-2.30	-0.003	PASS
Band5	1.4	20643	6	#0	QPSK	NV	10	2.99	0.004	PASS
Band5	1.4	20643	6	#0	QPSK	NV	20	4.29	0.005	PASS
Band5	1.4	20643	6	#0	QPSK	NV	30	-1.39	-0.002	PASS
Band5	1.4	20643	6	#0	QPSK	NV	40	-4.23	-0.005	PASS
Band5	1.4	20643	6	#0	QPSK	NV	50	1.87	0.002	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-30	3.43	0.004	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-20	-2.65	-0.003	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-10	1.24	0.001	PASS
Band5	1.4	20643	6	#0	16QAM	NV	0	0.34	0.000	PASS

Band5	1.4	20643	6	#0	16QAM	NV	10	-9.96	-0.012	PASS
Band5	1.4	20643	6	#0	16QAM	NV	20	0.99	0.001	PASS
Band5	1.4	20643	6	#0	16QAM	NV	30	-0.10	0.000	PASS
Band5	1.4	20643	6	#0	16QAM	NV	40	-5.58	-0.007	PASS
Band5	1.4	20643	6	#0	16QAM	NV	50	-4.16	-0.005	PASS
Band5	3	20415	15	#0	QPSK	NV	-30	-8.70	-0.011	PASS
Band5	3	20415	15	#0	QPSK	NV	-20	-2.66	-0.003	PASS
Band5	3	20415	15	#0	QPSK	NV	-10	0.31	0.000	PASS
Band5	3	20415	15	#0	QPSK	NV	0	-0.50	-0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	10	0.64	0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	20	2.03	0.002	PASS
Band5	3	20415	15	#0	QPSK	NV	30	-0.94	-0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	40	-0.27	0.000	PASS
Band5	3	20415	15	#0	QPSK	NV	50	3.93	0.005	PASS
Band5	3	20415	15	#0	16QAM	NV	-30	-3.33	-0.004	PASS
Band5	3	20415	15	#0	16QAM	NV	-20	4.99	0.006	PASS
Band5	3	20415	15	#0	16QAM	NV	-10	0.82	0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	0	4.26	0.005	PASS
Band5	3	20415	15	#0	16QAM	NV	10	0.10	0.000	PASS
Band5	3	20415	15	#0	16QAM	NV	20	-4.88	-0.006	PASS
Band5	3	20415	15	#0	16QAM	NV	30	-0.60	-0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	40	-5.19	-0.006	PASS
Band5	3	20415	15	#0	16QAM	NV	50	-1.20	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	-30	2.29	0.003	PASS
Band5	3	20525	15	#0	QPSK	NV	-20	-0.99	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	-10	-5.99	-0.007	PASS
Band5	3	20525	15	#0	QPSK	NV	0	-3.38	-0.004	PASS
Band5	3	20525	15	#0	QPSK	NV	10	-1.47	-0.002	PASS
Band5	3	20525	15	#0	QPSK	NV	20	-7.84	-0.009	PASS
Band5	3	20525	15	#0	QPSK	NV	30	-1.32	-0.002	PASS
Band5	3	20525	15	#0	QPSK	NV	40	-0.74	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	50	-0.92	-0.001	PASS
Band5	3	20525	15	#0	16QAM	NV	-30	1.86	0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	-20	-2.72	-0.003	PASS
Band5	3	20525	15	#0	16QAM	NV	-10	0.69	0.001	PASS
Band5	3	20525	15	#0	16QAM	NV	0	-5.25	-0.006	PASS
Band5	3	20525	15	#0	16QAM	NV	10	-4.35	-0.005	PASS
Band5	3	20525	15	#0	16QAM	NV	20	1.67	0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	30	1.69	0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	40	-6.88	-0.008	PASS
Band5	3	20525	15	#0	16QAM	NV	50	-0.99	-0.001	PASS
Band5	3	20635	15	#0	QPSK	NV	-30	0.96	0.001	PASS
Band5	3	20635	15	#0	QPSK	NV	-20	-1.63	-0.002	PASS

Band5	3	20635	15	#0	QPSK	NV	-10	-7.04	-0.008	PASS
Band5	3	20635	15	#0	QPSK	NV	0	1.57	0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	10	0.00	0.000	PASS
Band5	3	20635	15	#0	QPSK	NV	20	0.31	0.000	PASS
Band5	3	20635	15	#0	QPSK	NV	30	4.03	0.005	PASS
Band5	3	20635	15	#0	QPSK	NV	40	4.05	0.005	PASS
Band5	3	20635	15	#0	QPSK	NV	50	1.26	0.001	PASS
Band5	3	20635	15	#0	16QAM	NV	-30	2.32	0.003	PASS
Band5	3	20635	15	#0	16QAM	NV	-20	2.07	0.002	PASS
Band5	3	20635	15	#0	16QAM	NV	-10	-1.30	-0.002	PASS
Band5	3	20635	15	#0	16QAM	NV	0	-0.43	-0.001	PASS
Band5	3	20635	15	#0	16QAM	NV	10	4.73	0.006	PASS
Band5	3	20635	15	#0	16QAM	NV	20	3.95	0.005	PASS
Band5	3	20635	15	#0	16QAM	NV	30	-8.13	-0.010	PASS
Band5	3	20635	15	#0	16QAM	NV	40	-0.37	0.000	PASS
Band5	3	20635	15	#0	16QAM	NV	50	-5.72	-0.007	PASS
Band5	5	20425	25	#0	QPSK	NV	-30	-5.68	-0.007	PASS
Band5	5	20425	25	#0	QPSK	NV	-20	1.43	0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	-10	0.82	0.001	PASS
Band5	5	20425	25	#0	QPSK	NV	0	3.78	0.005	PASS
Band5	5	20425	25	#0	QPSK	NV	10	-0.07	0.000	PASS
Band5	5	20425	25	#0	QPSK	NV	20	-2.49	-0.003	PASS
Band5	5	20425	25	#0	QPSK	NV	30	3.58	0.004	PASS
Band5	5	20425	25	#0	QPSK	NV	40	-0.70	-0.001	PASS
Band5	5	20425	25	#0	QPSK	NV	50	-2.93	-0.004	PASS
Band5	5	20425	25	#0	16QAM	NV	-30	-1.06	-0.001	PASS
Band5	5	20425	25	#0	16QAM	NV	-20	-4.01	-0.005	PASS
Band5	5	20425	25	#0	16QAM	NV	-10	-0.09	0.000	PASS
Band5	5	20425	25	#0	16QAM	NV	0	-2.98	-0.004	PASS
Band5	5	20425	25	#0	16QAM	NV	10	0.54	0.001	PASS
Band5	5	20425	25	#0	16QAM	NV	20	1.12	0.001	PASS
Band5	5	20425	25	#0	16QAM	NV	30	0.09	0.000	PASS
Band5	5	20425	25	#0	16QAM	NV	40	-4.61	-0.006	PASS
Band5	5	20425	25	#0	16QAM	NV	50	5.14	0.006	PASS
Band5	5	20525	25	#0	QPSK	NV	-30	-0.50	-0.001	PASS
Band5	5	20525	25	#0	QPSK	NV	-20	-0.09	0.000	PASS
Band5	5	20525	25	#0	QPSK	NV	-10	0.13	0.000	PASS
Band5	5	20525	25	#0	QPSK	NV	0	-0.09	0.000	PASS
Band5	5	20525	25	#0	QPSK	NV	10	-0.56	-0.001	PASS
Band5	5	20525	25	#0	QPSK	NV	20	-2.49	-0.003	PASS
Band5	5	20525	25	#0	QPSK	NV	30	-0.20	0.000	PASS
Band5	5	20525	25	#0	QPSK	NV	40	0.19	0.000	PASS
Band5	5	20525	25	#0	QPSK	NV	50	1.09	0.001	PASS

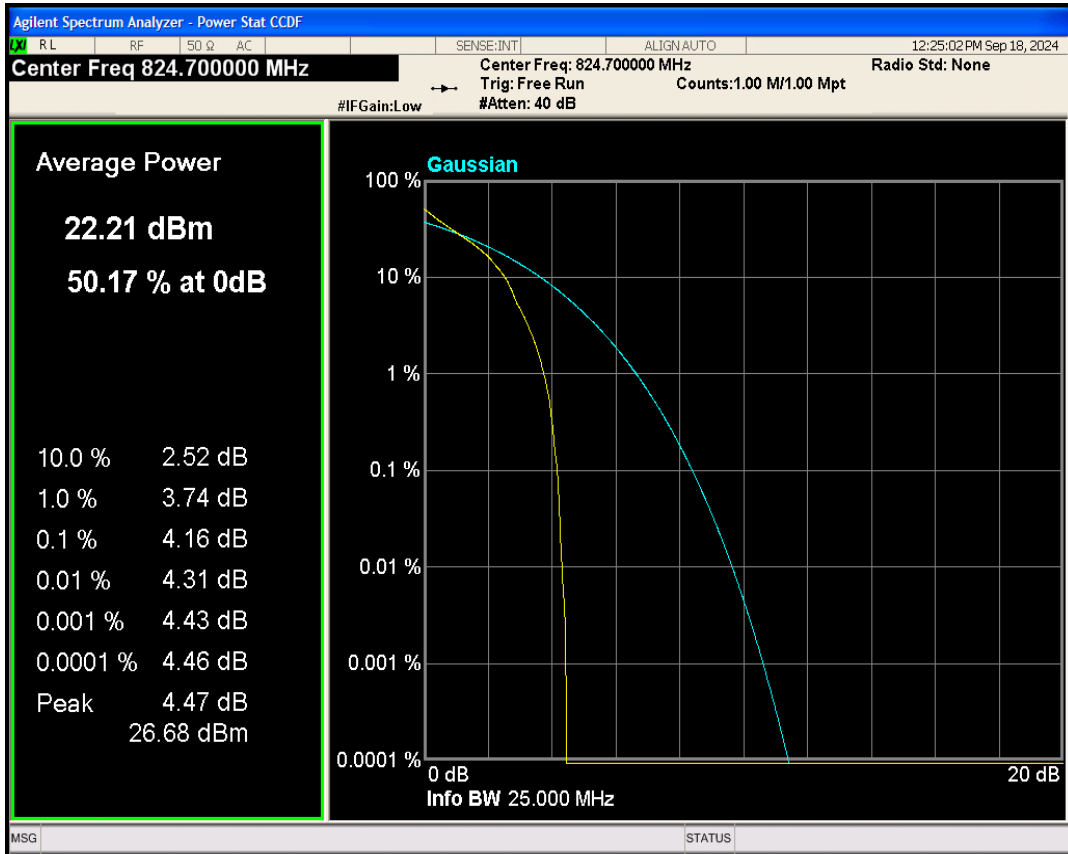
Band5	5	20525	25	#0	16QAM	NV	-30	-0.07	0.000	PASS
Band5	5	20525	25	#0	16QAM	NV	-20	2.53	0.003	PASS
Band5	5	20525	25	#0	16QAM	NV	-10	0.79	0.001	PASS
Band5	5	20525	25	#0	16QAM	NV	0	-0.86	-0.001	PASS
Band5	5	20525	25	#0	16QAM	NV	10	-5.35	-0.006	PASS
Band5	5	20525	25	#0	16QAM	NV	20	-1.67	-0.002	PASS
Band5	5	20525	25	#0	16QAM	NV	30	-1.50	-0.002	PASS
Band5	5	20525	25	#0	16QAM	NV	40	-0.56	-0.001	PASS
Band5	5	20525	25	#0	16QAM	NV	50	2.60	0.003	PASS
Band5	5	20625	25	#0	QPSK	NV	-30	2.83	0.003	PASS
Band5	5	20625	25	#0	QPSK	NV	-20	-2.25	-0.003	PASS
Band5	5	20625	25	#0	QPSK	NV	-10	3.52	0.004	PASS
Band5	5	20625	25	#0	QPSK	NV	0	-2.56	-0.003	PASS
Band5	5	20625	25	#0	QPSK	NV	10	1.79	0.002	PASS
Band5	5	20625	25	#0	QPSK	NV	20	-0.63	-0.001	PASS
Band5	5	20625	25	#0	QPSK	NV	30	2.62	0.003	PASS
Band5	5	20625	25	#0	QPSK	NV	40	-3.91	-0.005	PASS
Band5	5	20625	25	#0	QPSK	NV	50	1.96	0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	-30	1.42	0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	-20	-4.11	-0.005	PASS
Band5	5	20625	25	#0	16QAM	NV	-10	1.33	0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	0	-0.24	0.000	PASS
Band5	5	20625	25	#0	16QAM	NV	10	-5.09	-0.006	PASS
Band5	5	20625	25	#0	16QAM	NV	20	1.69	0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	30	-1.75	-0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	40	-0.07	0.000	PASS
Band5	5	20625	25	#0	16QAM	NV	50	-3.35	-0.004	PASS
Band5	10	20450	50	#0	QPSK	NV	-30	-0.67	-0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	-20	0.43	0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	-10	3.43	0.004	PASS
Band5	10	20450	50	#0	QPSK	NV	0	1.53	0.002	PASS
Band5	10	20450	50	#0	QPSK	NV	10	3.39	0.004	PASS
Band5	10	20450	50	#0	QPSK	NV	20	-0.04	0.000	PASS
Band5	10	20450	50	#0	QPSK	NV	30	2.78	0.003	PASS
Band5	10	20450	50	#0	QPSK	NV	40	-2.26	-0.003	PASS
Band5	10	20450	50	#0	QPSK	NV	50	2.15	0.003	PASS
Band5	10	20450	50	#0	16QAM	NV	-30	1.09	0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	-20	-1.19	-0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	-10	-1.70	-0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	0	0.51	0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	10	0.13	0.000	PASS
Band5	10	20450	50	#0	16QAM	NV	20	4.19	0.005	PASS
Band5	10	20450	50	#0	16QAM	NV	30	0.21	0.000	PASS

Band5	10	20450	50	#0	16QAM	NV	40	-1.92	-0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	50	0.72	0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	-30	-1.85	-0.002	PASS
Band5	10	20525	50	#0	QPSK	NV	-20	-0.73	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	-10	-1.69	-0.002	PASS
Band5	10	20525	50	#0	QPSK	NV	0	0.11	0.000	PASS
Band5	10	20525	50	#0	QPSK	NV	10	-2.82	-0.003	PASS
Band5	10	20525	50	#0	QPSK	NV	20	-1.65	-0.002	PASS
Band5	10	20525	50	#0	QPSK	NV	30	1.60	0.002	PASS
Band5	10	20525	50	#0	QPSK	NV	40	-4.52	-0.005	PASS
Band5	10	20525	50	#0	QPSK	NV	50	-0.86	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	-30	0.83	0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	-20	-0.93	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	-10	-2.56	-0.003	PASS
Band5	10	20525	50	#0	16QAM	NV	0	1.52	0.002	PASS
Band5	10	20525	50	#0	16QAM	NV	10	1.56	0.002	PASS
Band5	10	20525	50	#0	16QAM	NV	20	-1.12	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	30	1.59	0.002	PASS
Band5	10	20525	50	#0	16QAM	NV	40	-3.18	-0.004	PASS
Band5	10	20525	50	#0	16QAM	NV	50	-1.14	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	-30	-3.03	-0.004	PASS
Band5	10	20600	50	#0	QPSK	NV	-20	-1.46	-0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	-10	3.23	0.004	PASS
Band5	10	20600	50	#0	QPSK	NV	0	-3.81	-0.005	PASS
Band5	10	20600	50	#0	QPSK	NV	10	-0.89	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	20	-0.53	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	30	-2.50	-0.003	PASS
Band5	10	20600	50	#0	QPSK	NV	40	3.28	0.004	PASS
Band5	10	20600	50	#0	QPSK	NV	50	-2.19	-0.003	PASS
Band5	10	20600	50	#0	16QAM	NV	-30	-2.07	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	-20	0.06	0.000	PASS
Band5	10	20600	50	#0	16QAM	NV	-10	-2.39	-0.003	PASS
Band5	10	20600	50	#0	16QAM	NV	0	-0.53	-0.001	PASS
Band5	10	20600	50	#0	16QAM	NV	10	-0.70	-0.001	PASS
Band5	10	20600	50	#0	16QAM	NV	20	-4.62	-0.005	PASS
Band5	10	20600	50	#0	16QAM	NV	30	-0.92	-0.001	PASS
Band5	10	20600	50	#0	16QAM	NV	40	1.69	0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	50	0.67	0.001	PASS

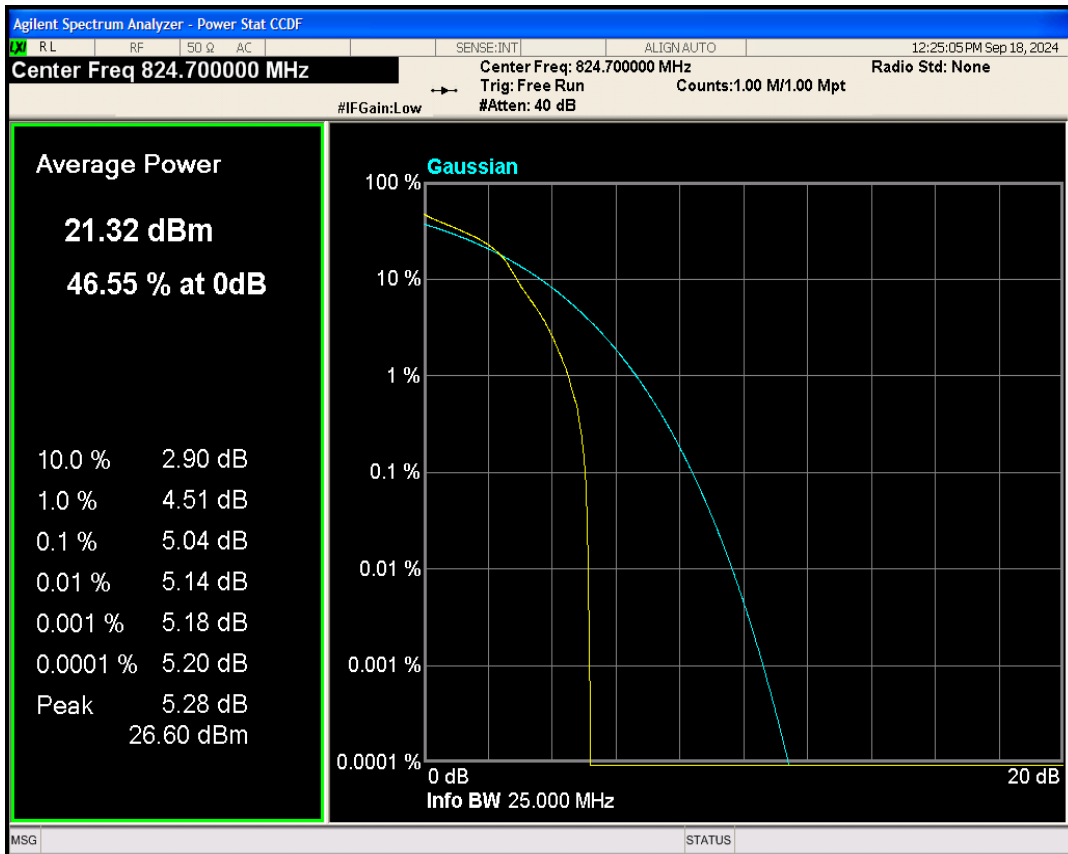
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	1.4	20407	1	#0	QPSK	4.16	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.04	13	PASS
Band5	1.4	20525	1	#0	QPSK	3.62	13	PASS
Band5	1.4	20525	1	#0	16QAM	4.57	13	PASS
Band5	1.4	20643	1	#0	QPSK	4.28	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.05	13	PASS
Band5	3	20415	1	#0	QPSK	4.02	13	PASS
Band5	3	20415	1	#0	16QAM	4.73	13	PASS
Band5	3	20525	1	#0	QPSK	3.75	13	PASS
Band5	3	20525	1	#0	16QAM	4.68	13	PASS
Band5	3	20635	1	#0	QPSK	3.82	13	PASS
Band5	3	20635	1	#0	16QAM	4.63	13	PASS
Band5	5	20425	1	#0	QPSK	4.04	13	PASS
Band5	5	20425	1	#0	16QAM	4.87	13	PASS
Band5	5	20525	1	#0	QPSK	3.70	13	PASS
Band5	5	20525	1	#0	16QAM	4.44	13	PASS
Band5	5	20625	1	#0	QPSK	3.92	13	PASS
Band5	5	20625	1	#0	16QAM	4.65	13	PASS
Band5	10	20450	1	#0	QPSK	3.93	13	PASS
Band5	10	20450	1	#0	16QAM	4.84	13	PASS
Band5	10	20525	1	#0	QPSK	4.10	13	PASS
Band5	10	20525	1	#0	16QAM	5.07	13	PASS
Band5	10	20600	1	#0	QPSK	4.09	13	PASS
Band5	10	20600	1	#0	16QAM	4.90	13	PASS

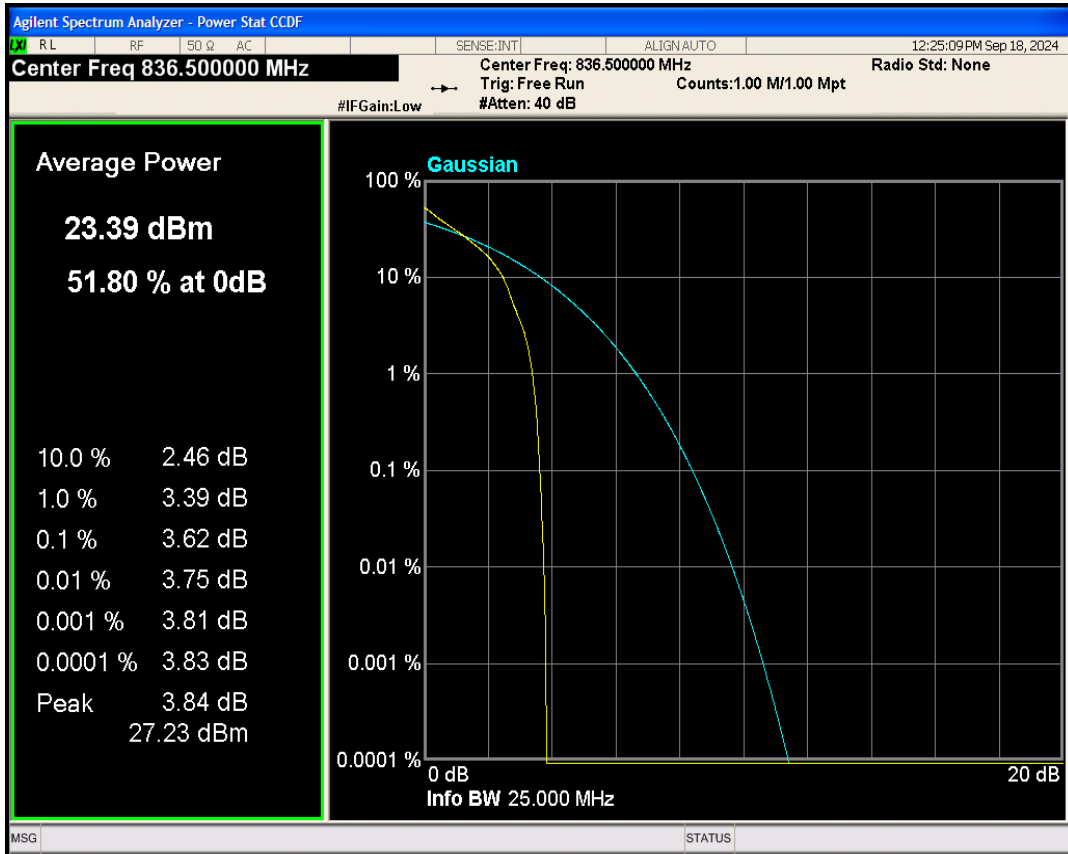
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



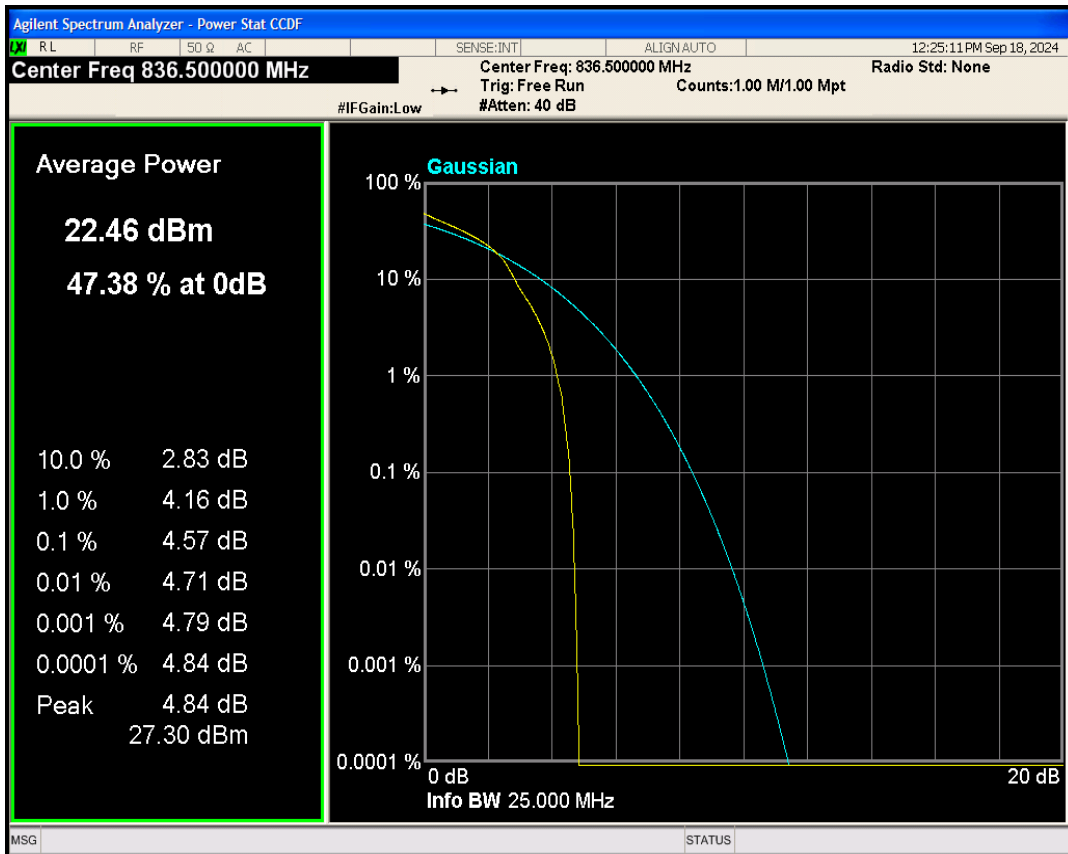
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



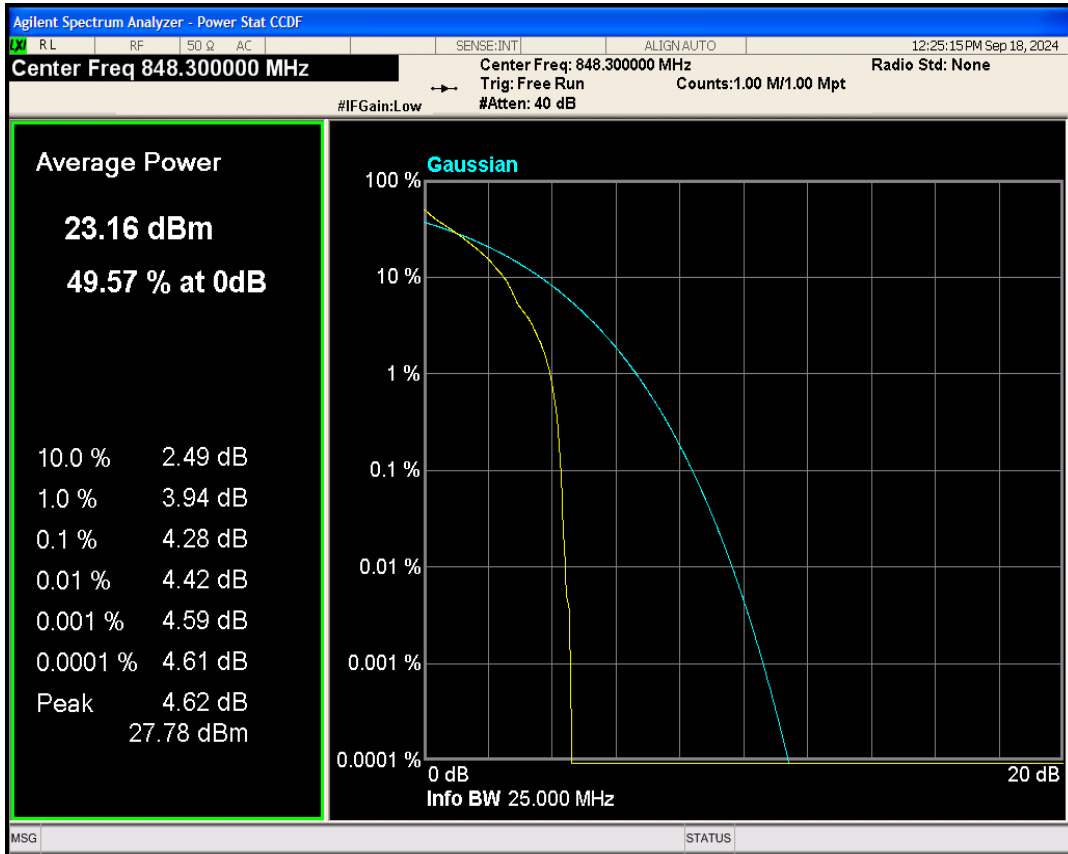
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



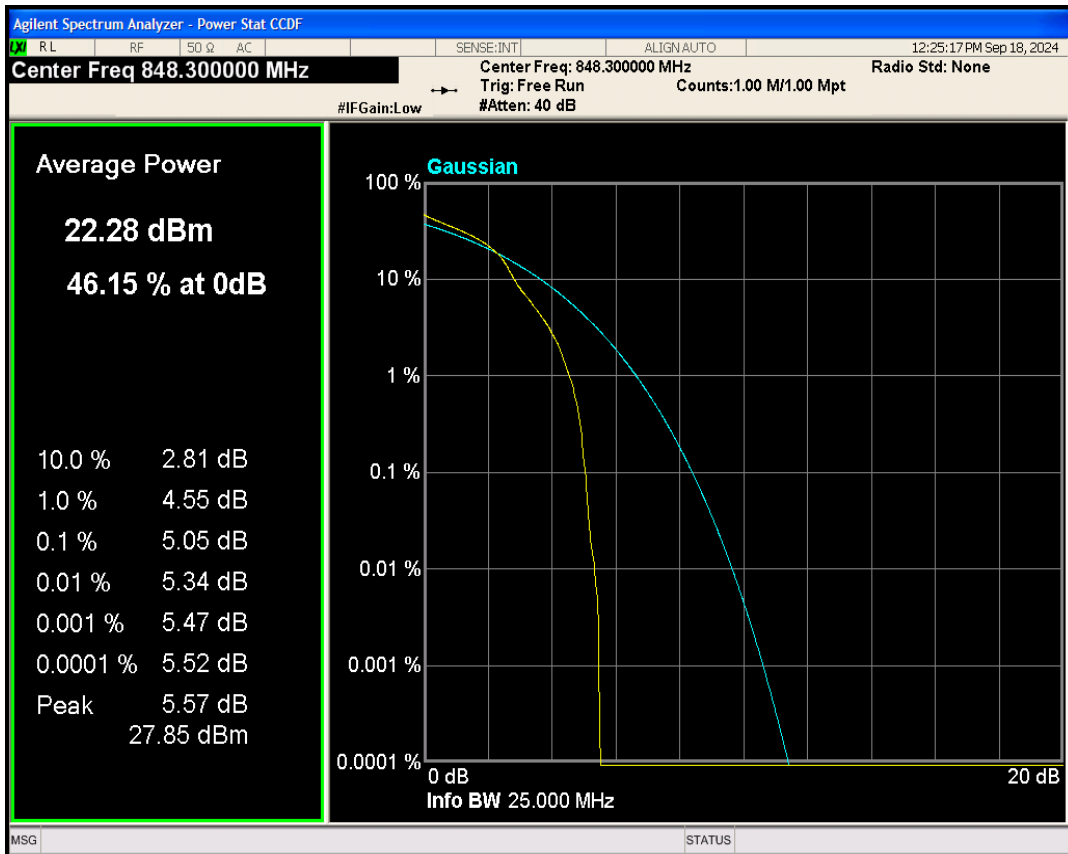
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



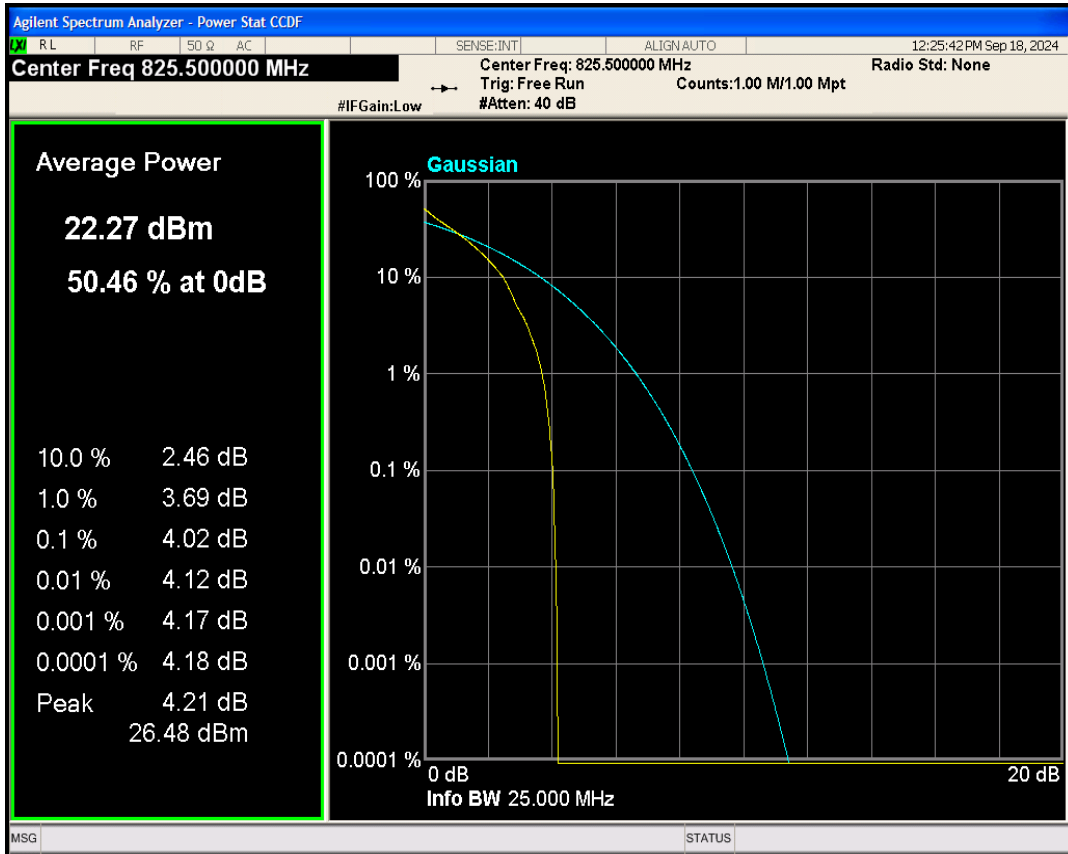
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



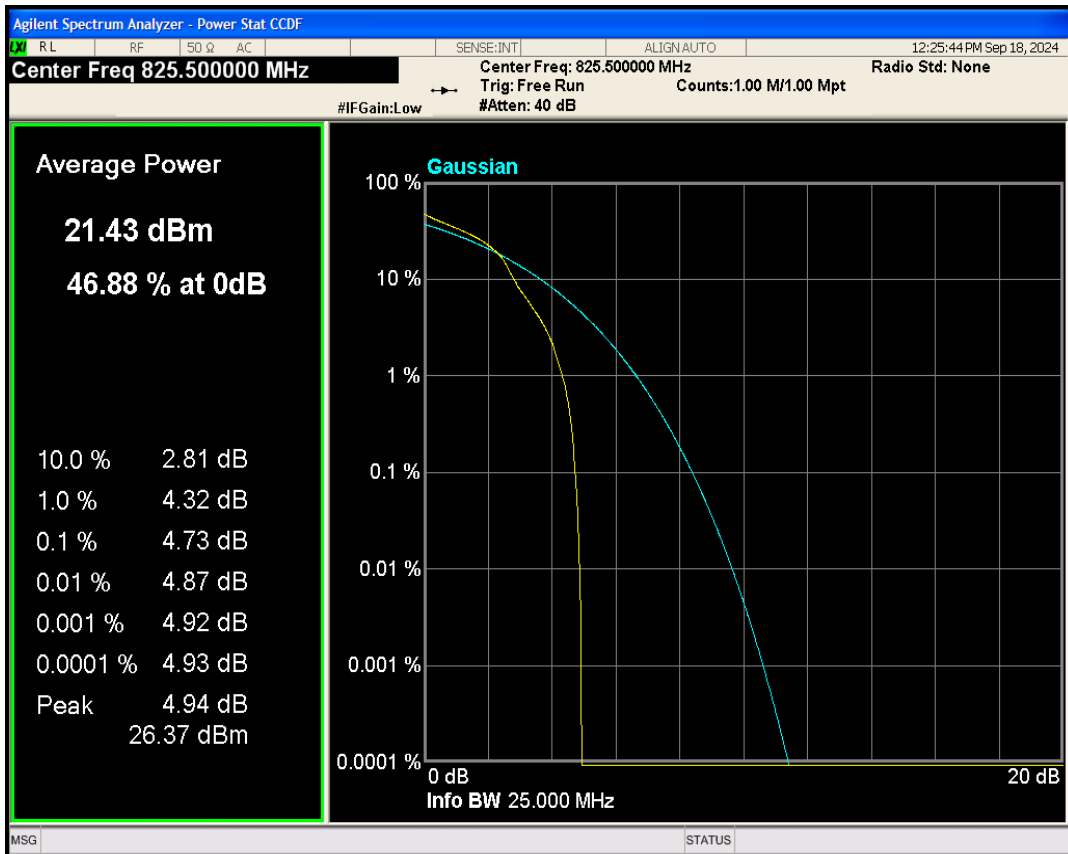
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



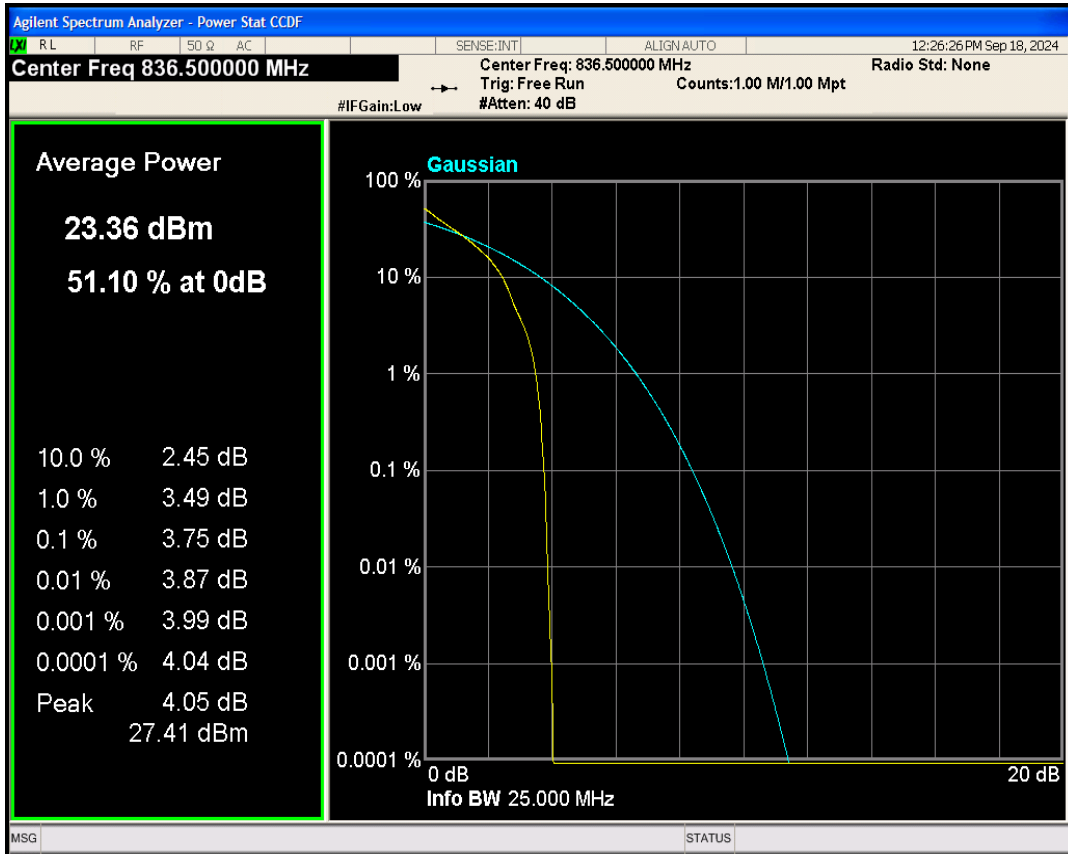
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



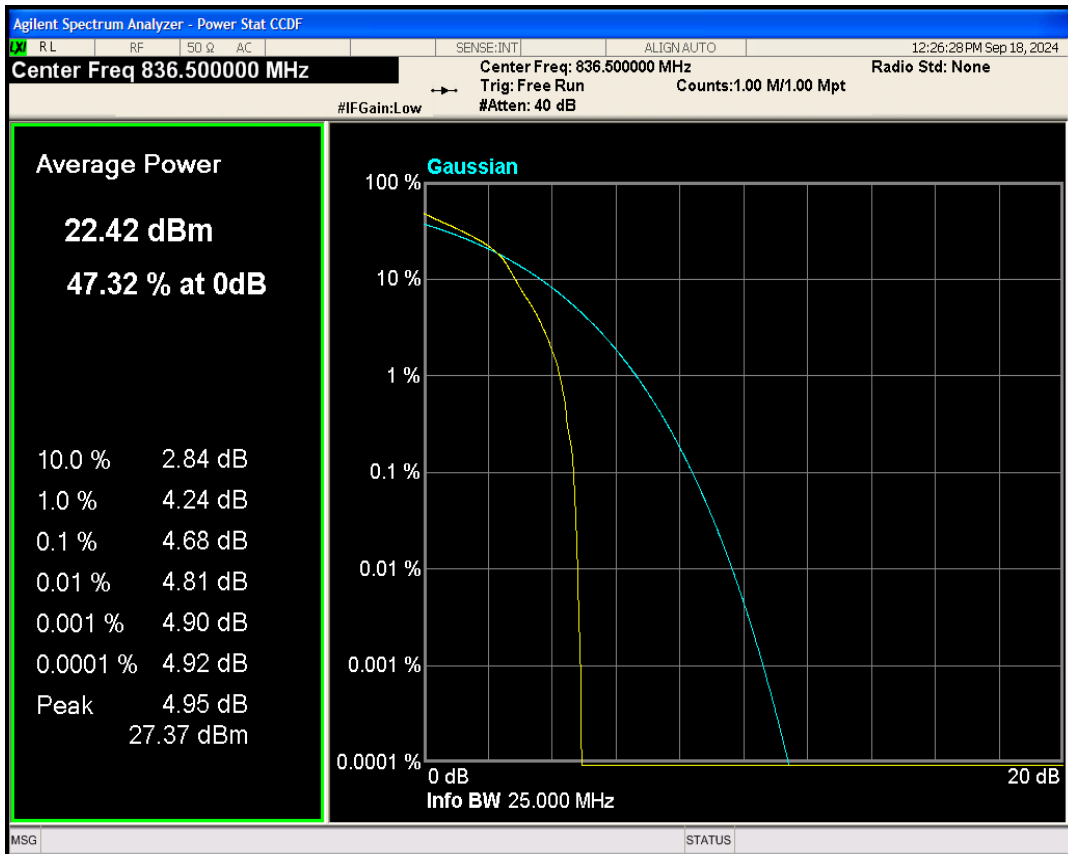
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



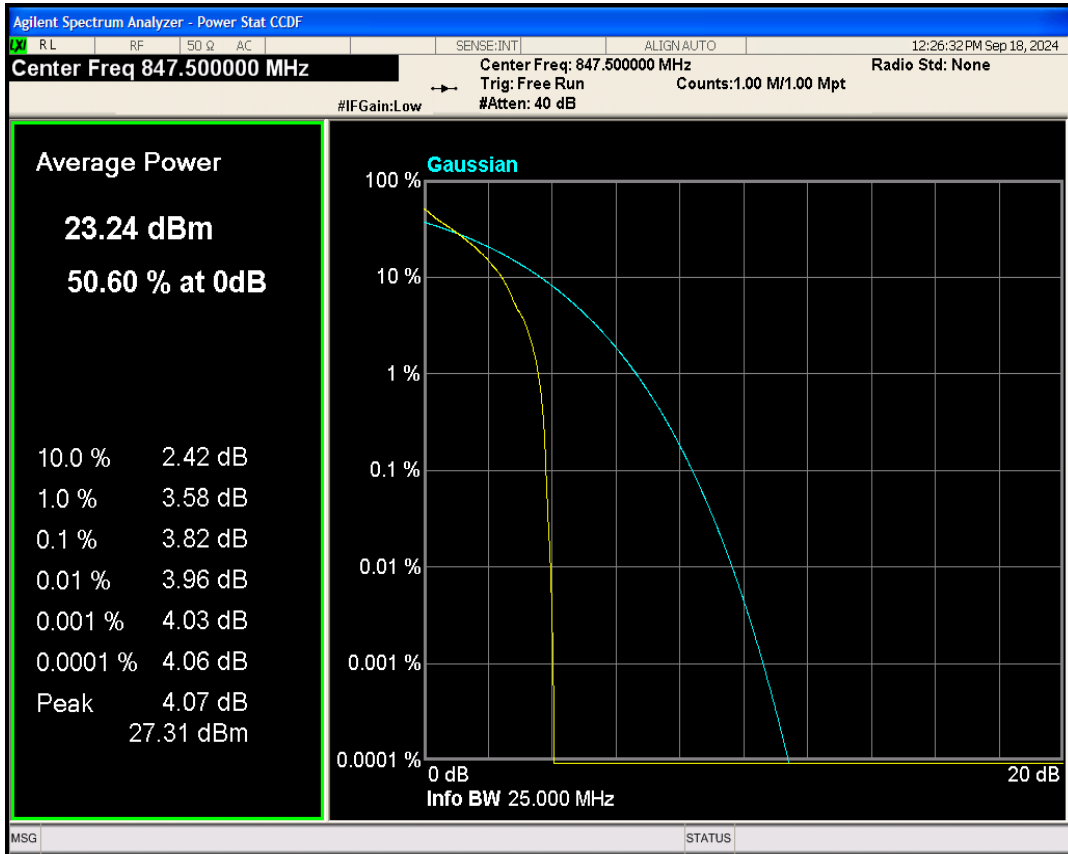
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



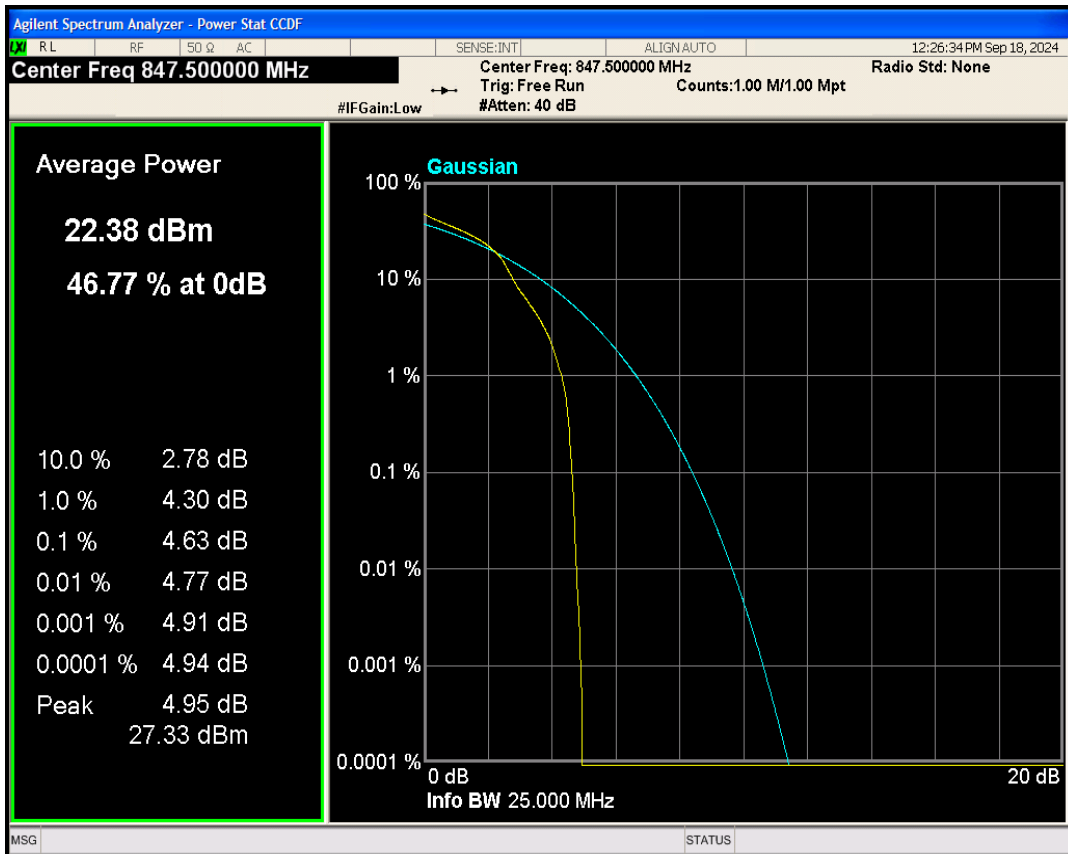
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



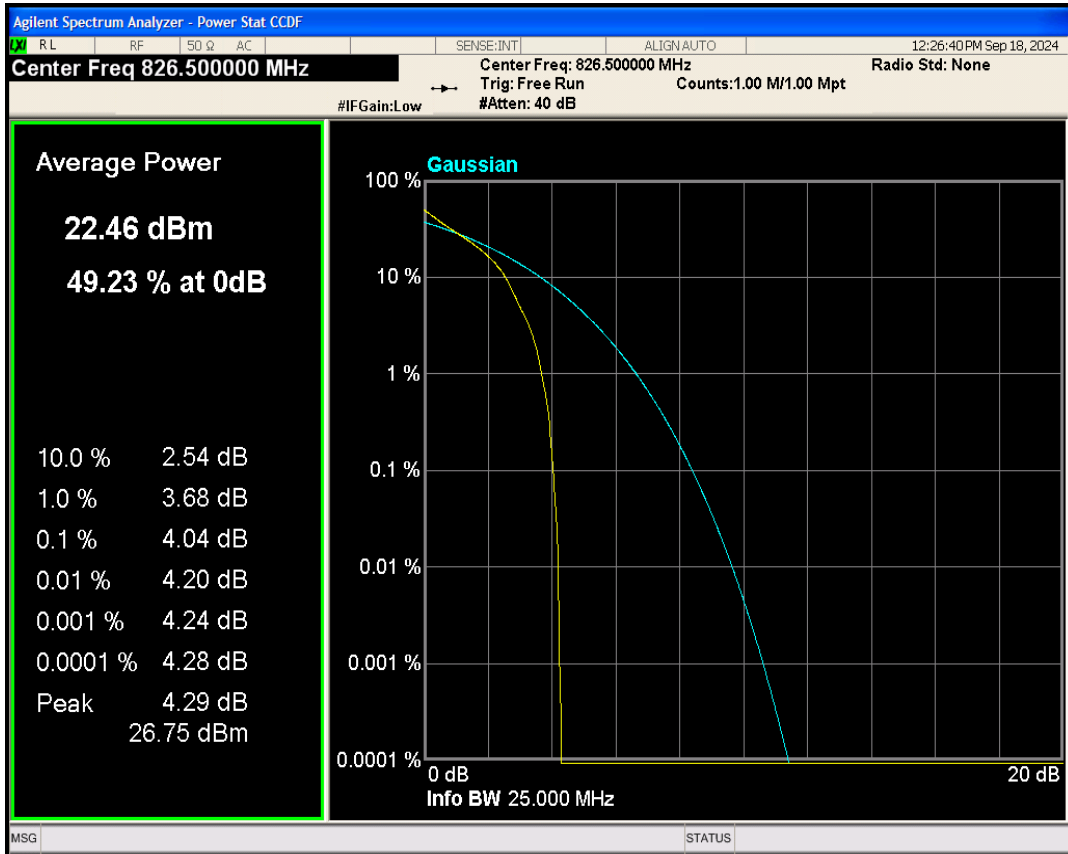
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



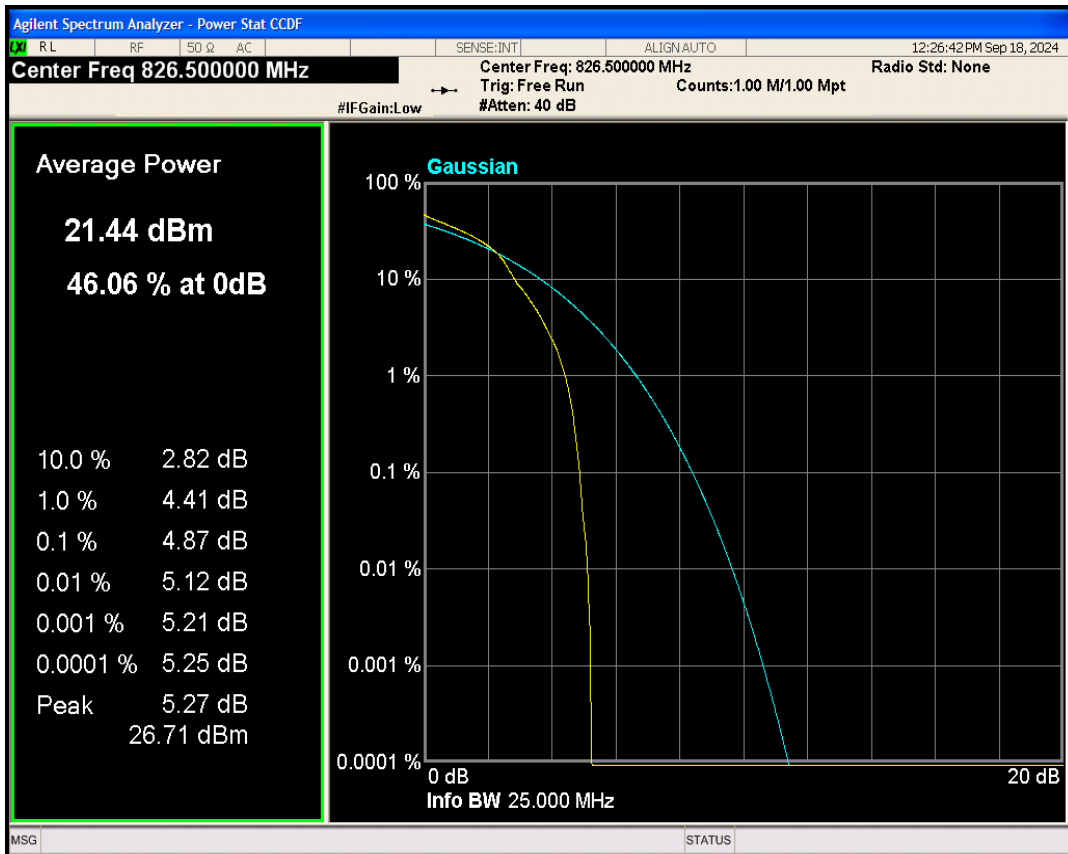
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



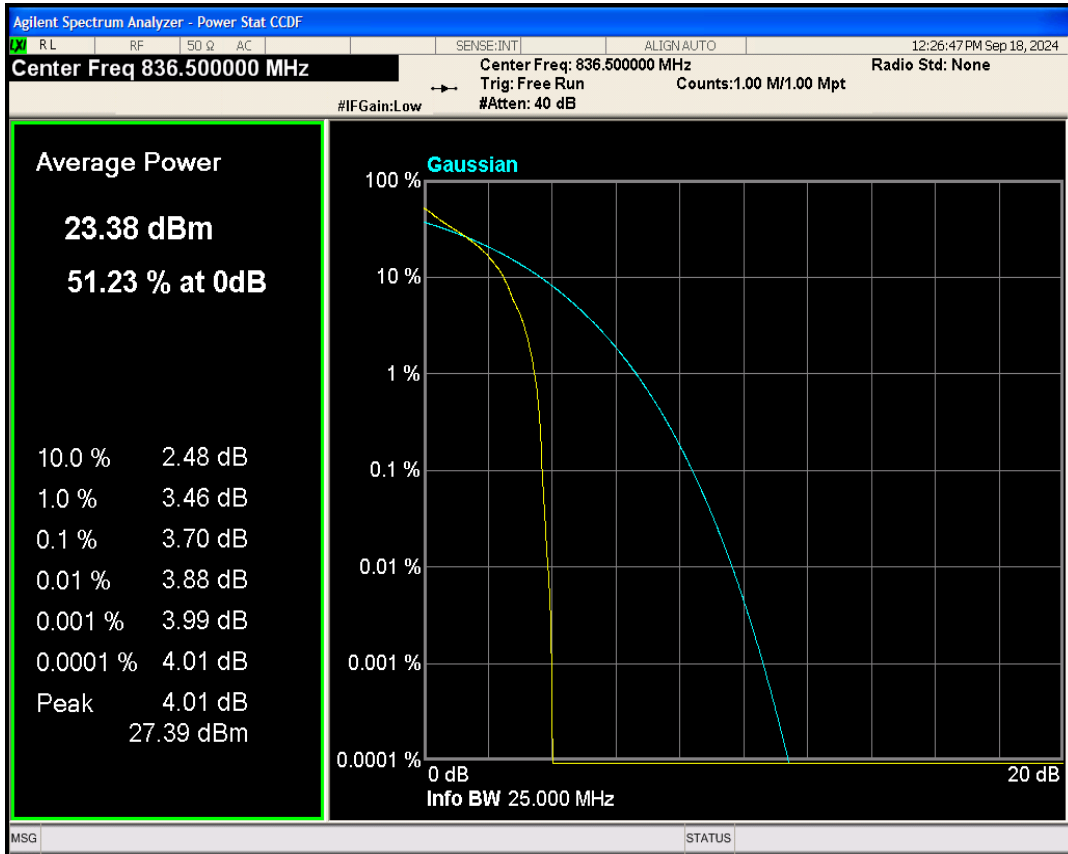
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



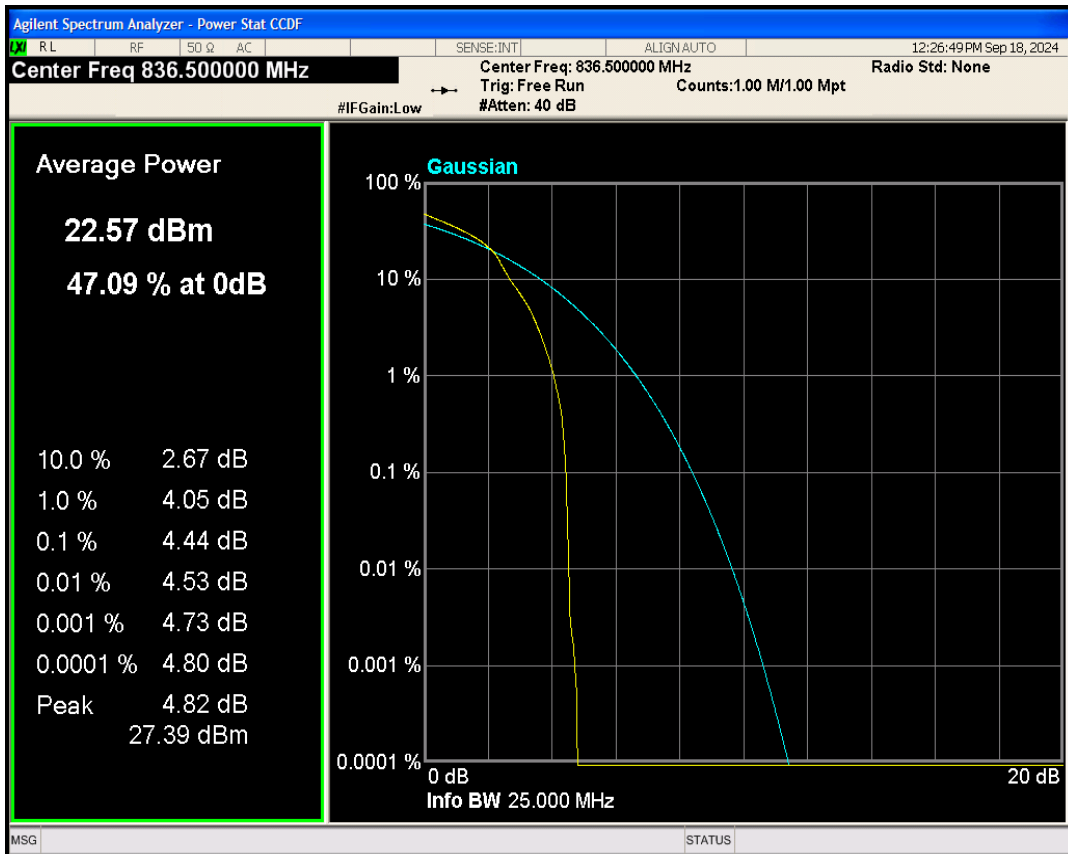
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



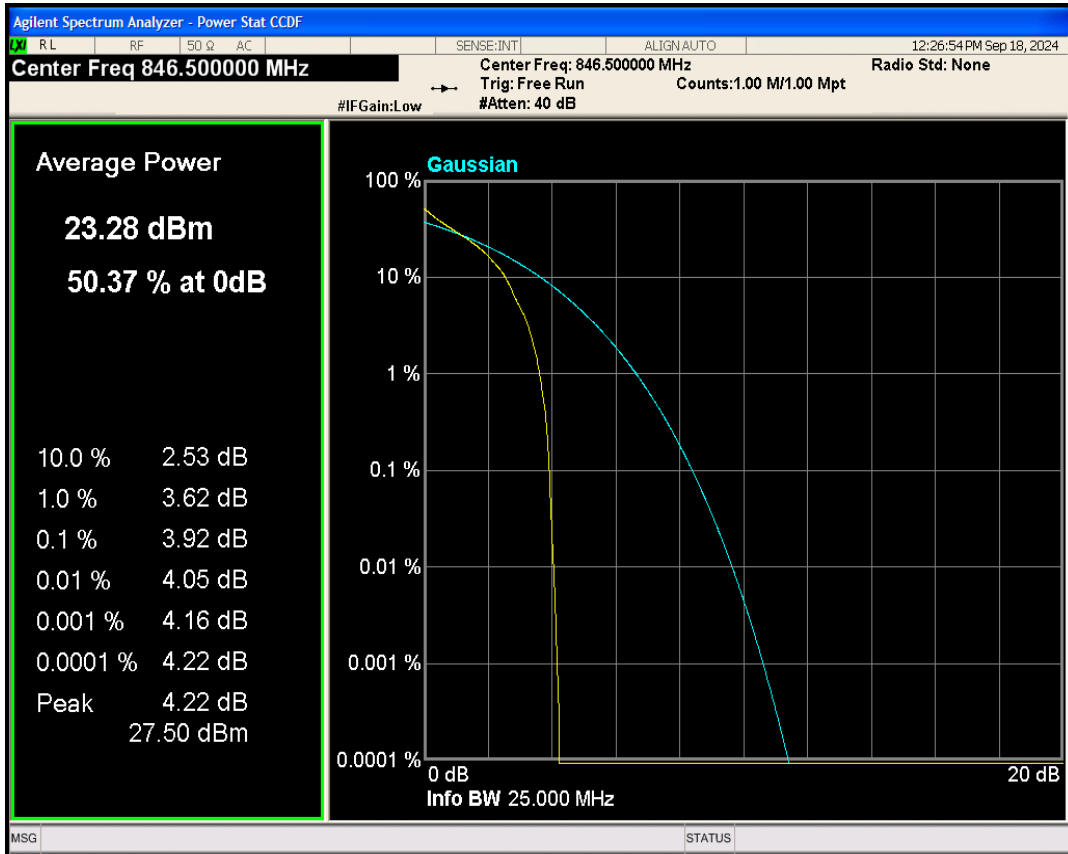
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



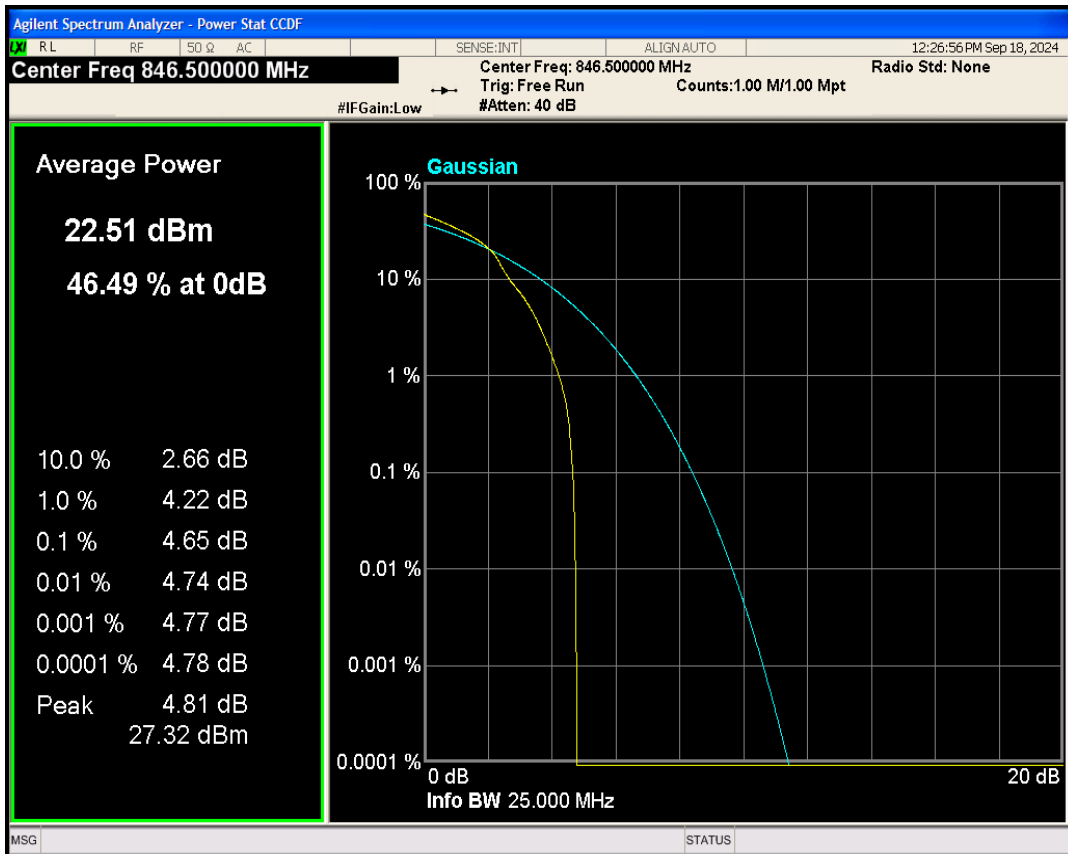
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



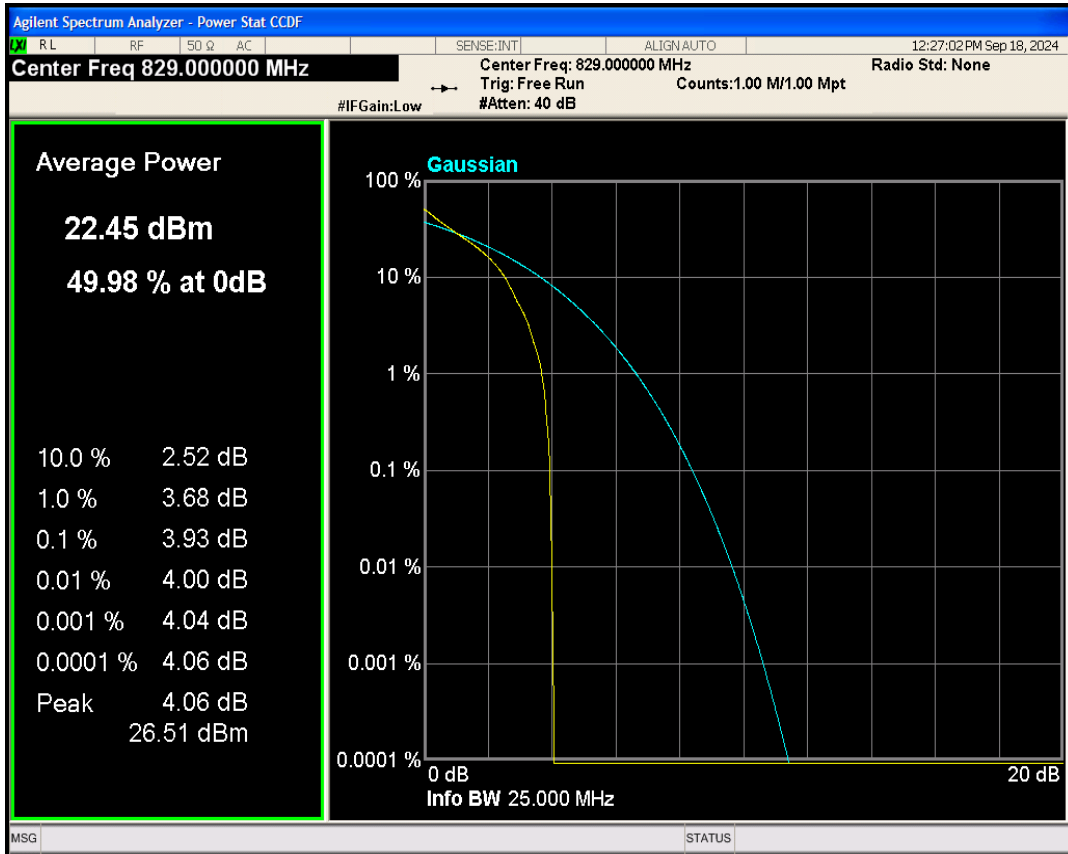
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



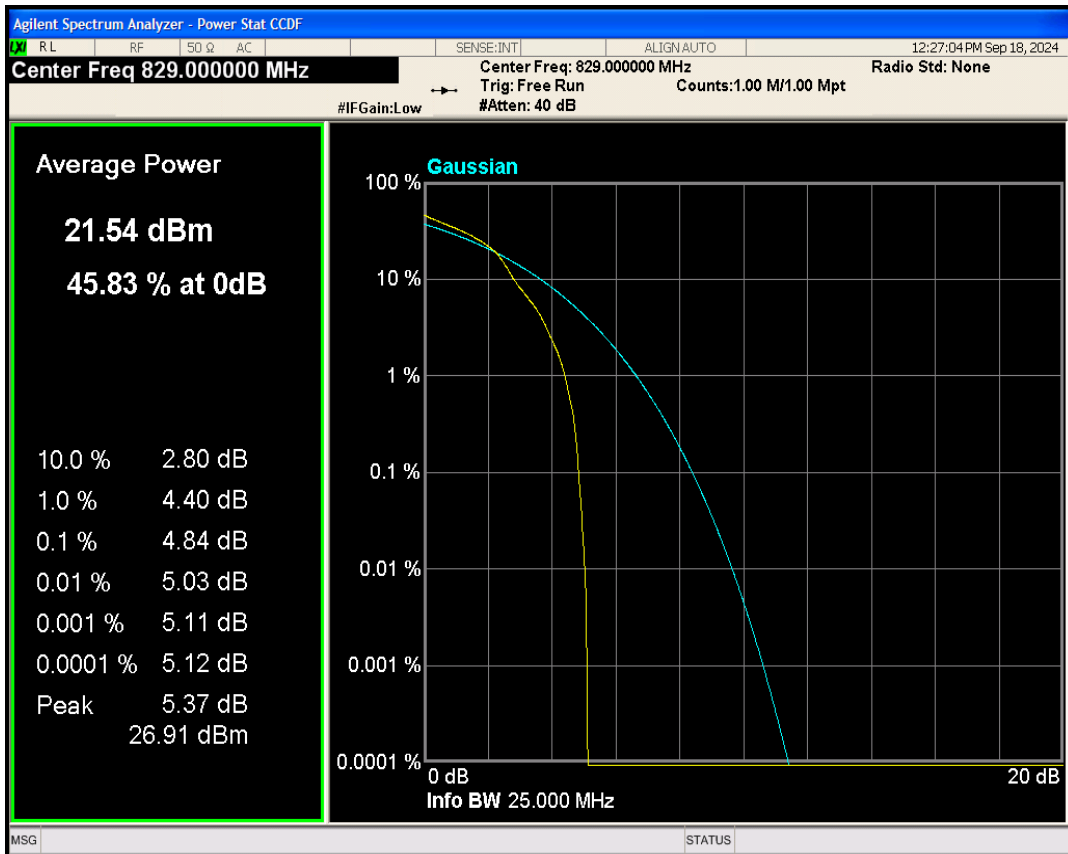
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



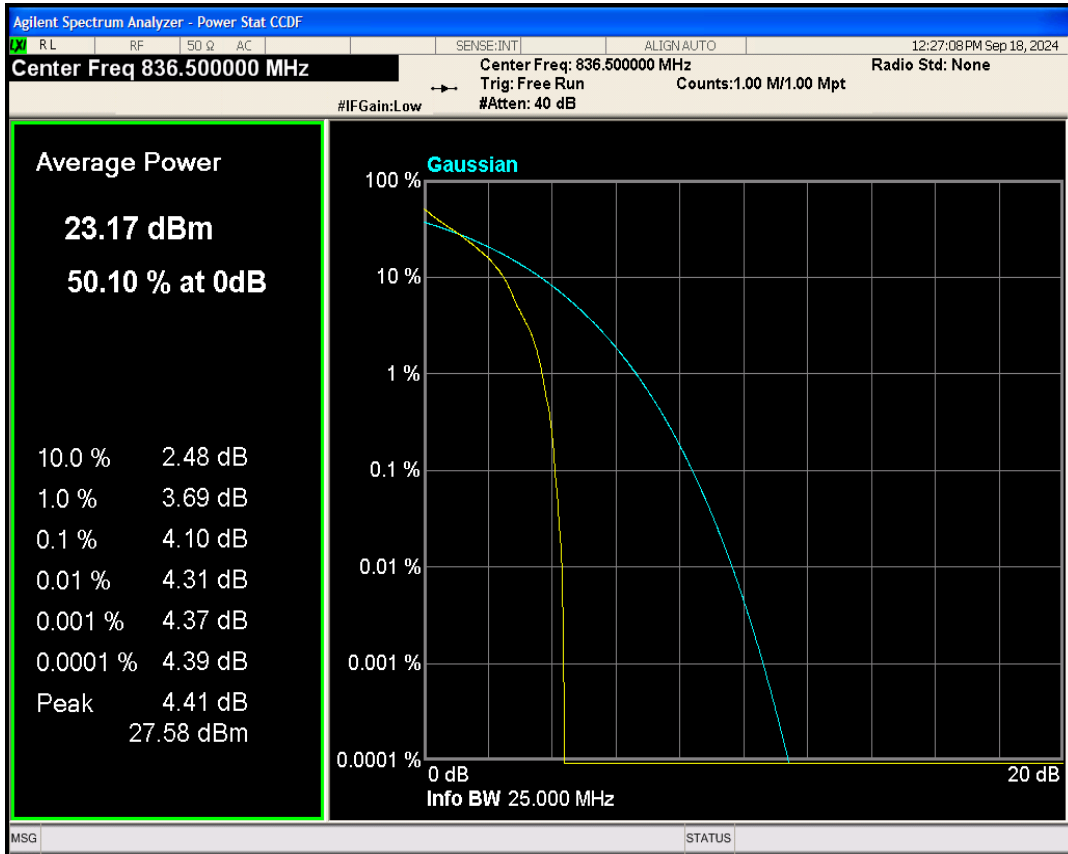
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



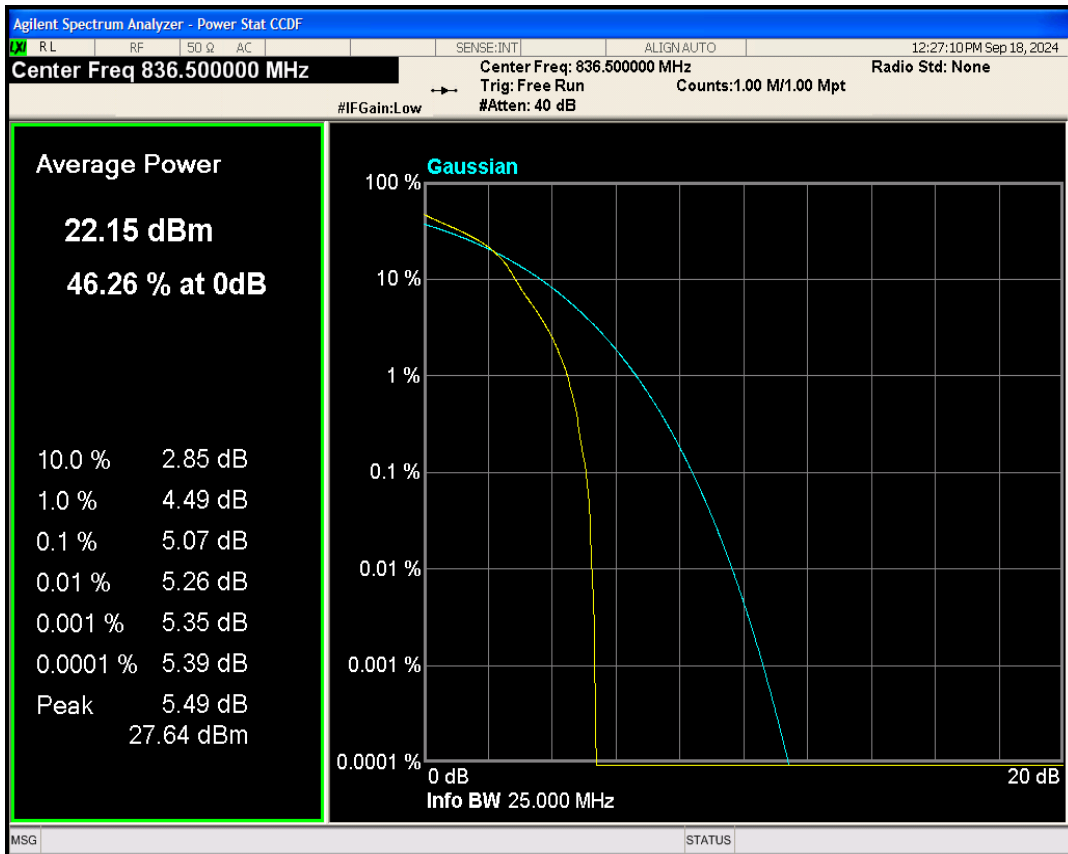
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



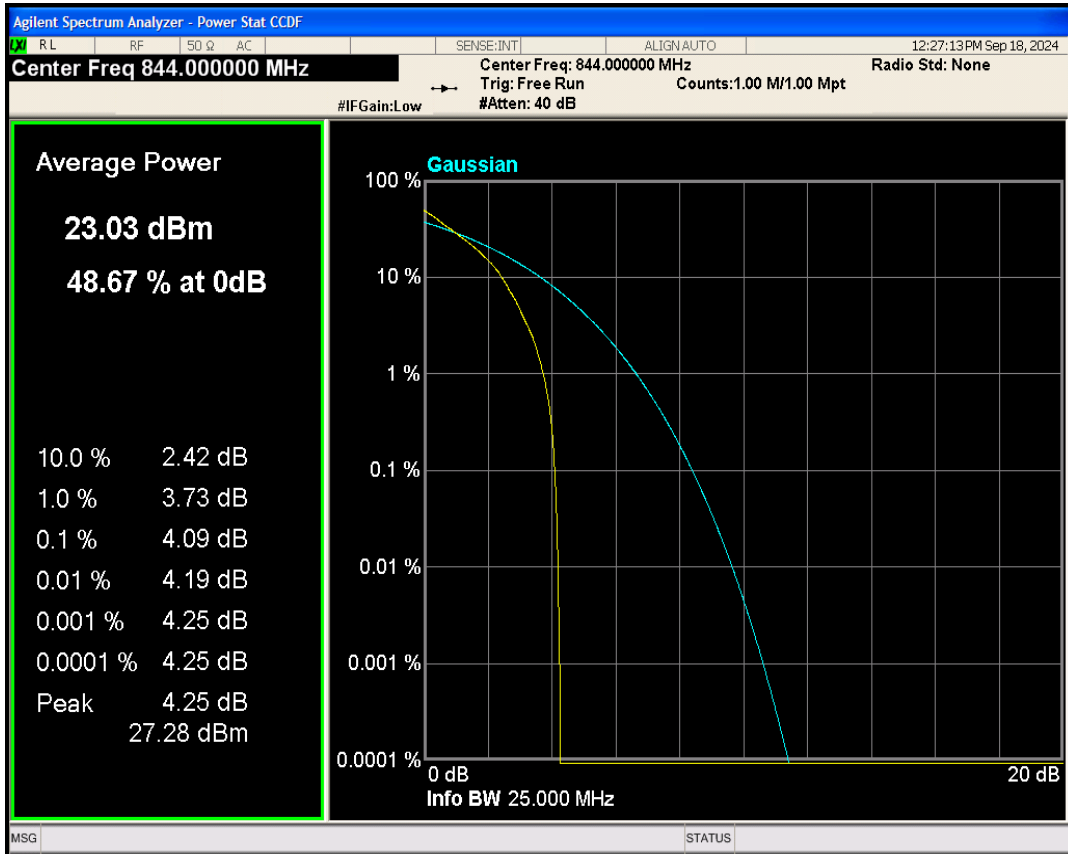
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



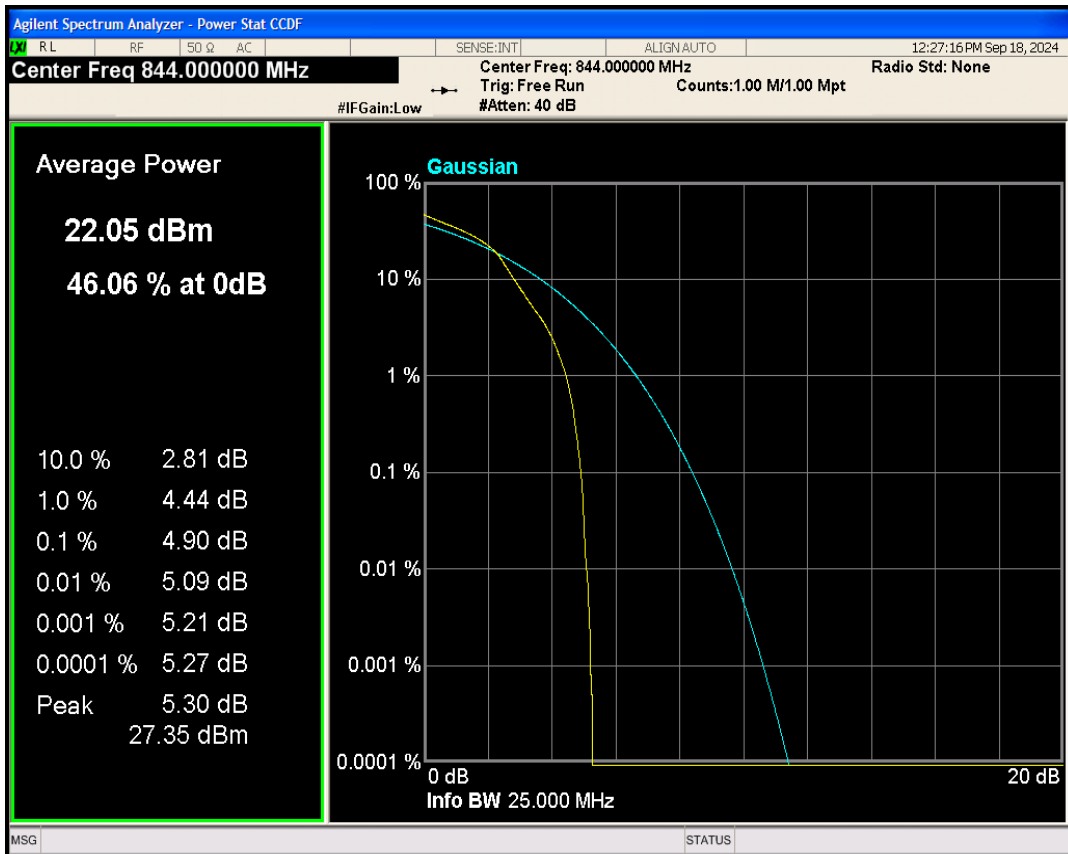
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



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



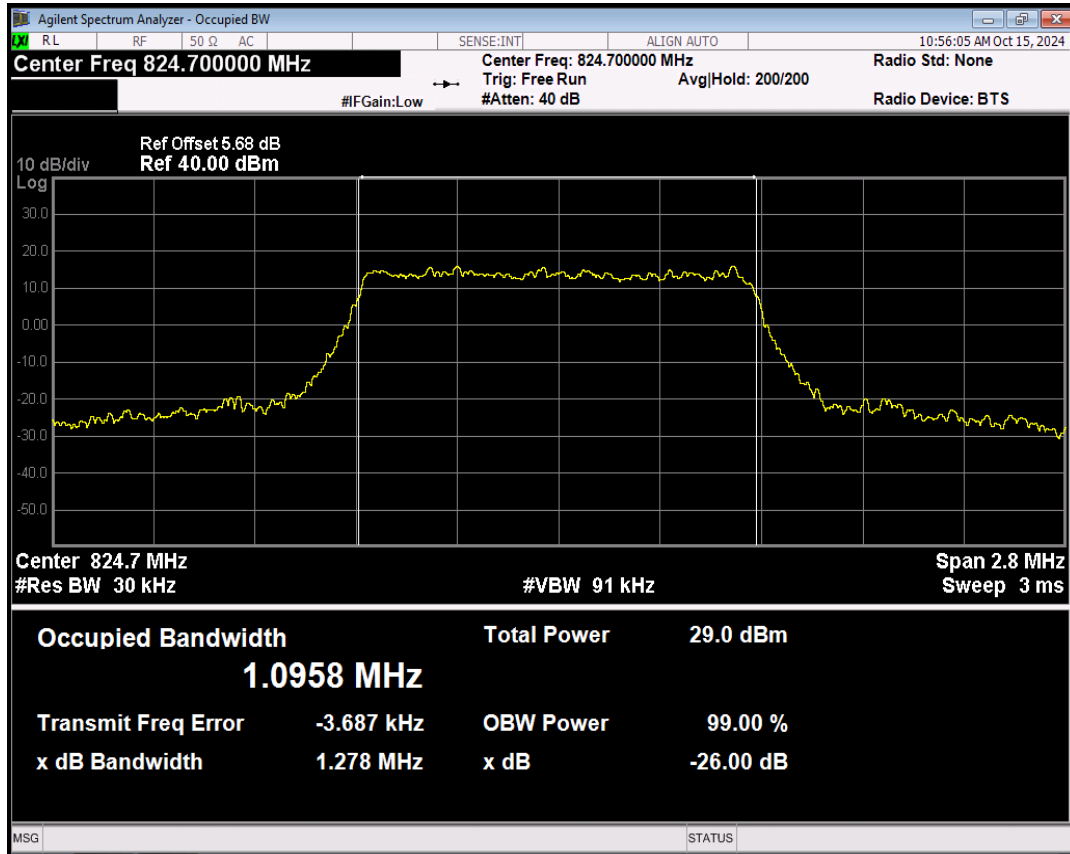
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



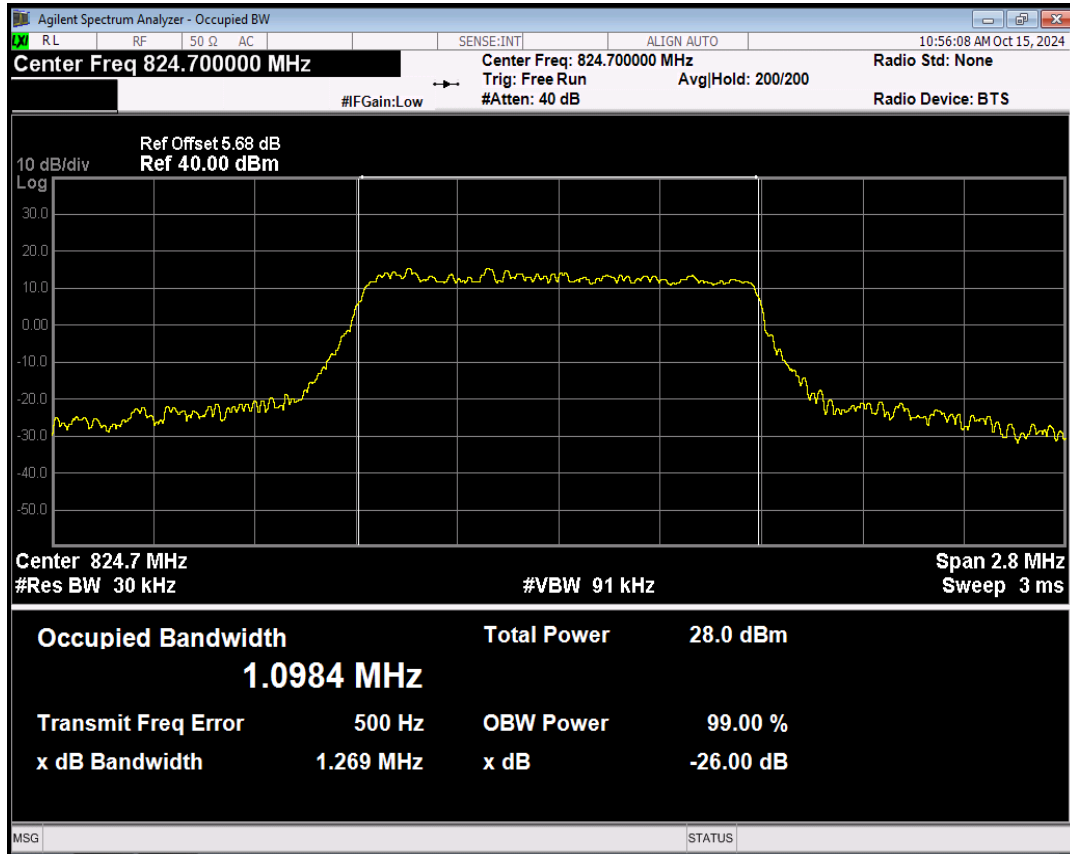
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.096	1.278	PASS
Band5	1.4	20407	6	#0	16QAM	1.098	1.269	PASS
Band5	1.4	20525	6	#0	QPSK	1.098	1.282	PASS
Band5	1.4	20525	6	#0	16QAM	1.104	1.298	PASS
Band5	1.4	20643	6	#0	QPSK	1.090	1.313	PASS
Band5	1.4	20643	6	#0	16QAM	1.096	1.278	PASS
Band5	3	20415	15	#0	QPSK	2.699	2.944	PASS
Band5	3	20415	15	#0	16QAM	2.701	2.966	PASS
Band5	3	20525	15	#0	QPSK	2.699	2.933	PASS
Band5	3	20525	15	#0	16QAM	2.691	2.970	PASS
Band5	3	20635	15	#0	QPSK	2.702	2.958	PASS
Band5	3	20635	15	#0	16QAM	2.694	2.975	PASS
Band5	5	20425	25	#0	QPSK	4.517	4.910	PASS
Band5	5	20425	25	#0	16QAM	4.509	4.969	PASS
Band5	5	20525	25	#0	QPSK	4.511	4.931	PASS
Band5	5	20525	25	#0	16QAM	4.524	4.888	PASS
Band5	5	20625	25	#0	QPSK	4.521	4.908	PASS
Band5	5	20625	25	#0	16QAM	4.531	4.948	PASS
Band5	10	20450	50	#0	QPSK	9.011	9.906	PASS
Band5	10	20450	50	#0	16QAM	9.025	9.738	PASS
Band5	10	20525	50	#0	QPSK	9.004	9.759	PASS
Band5	10	20525	50	#0	16QAM	8.994	9.852	PASS
Band5	10	20600	50	#0	QPSK	8.974	9.758	PASS
Band5	10	20600	50	#0	16QAM	8.988	9.771	PASS

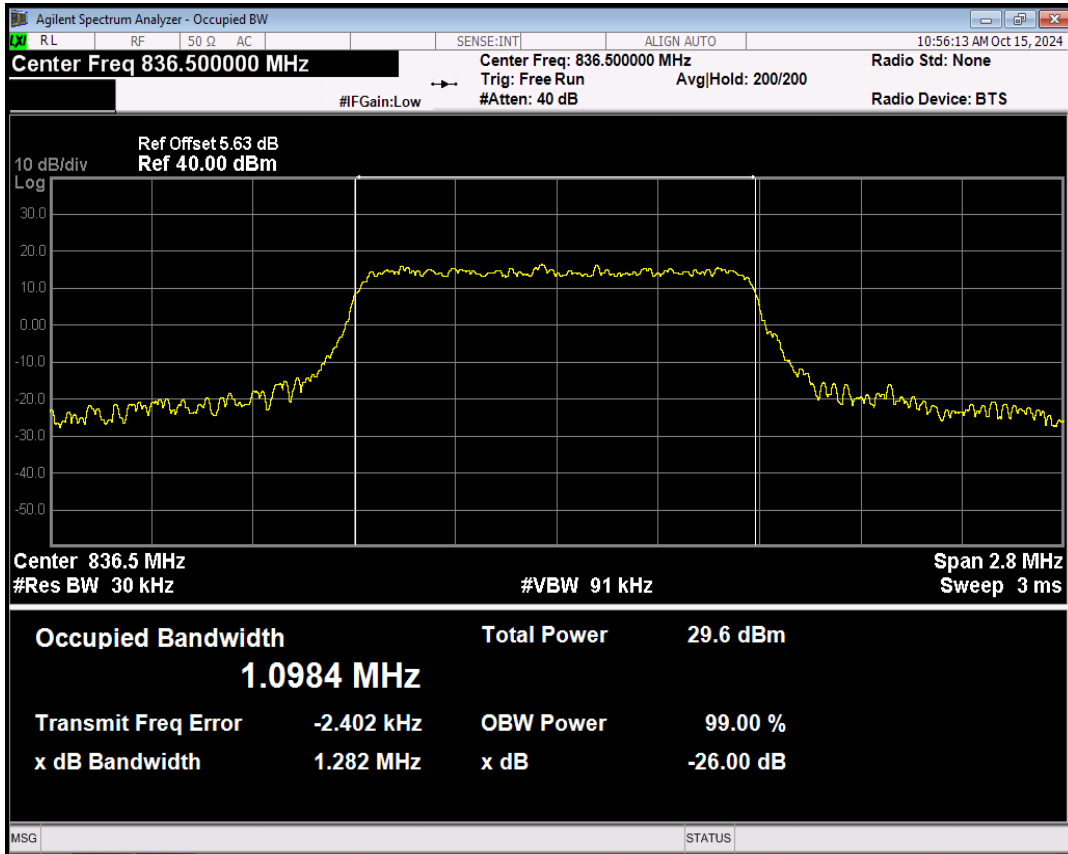
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



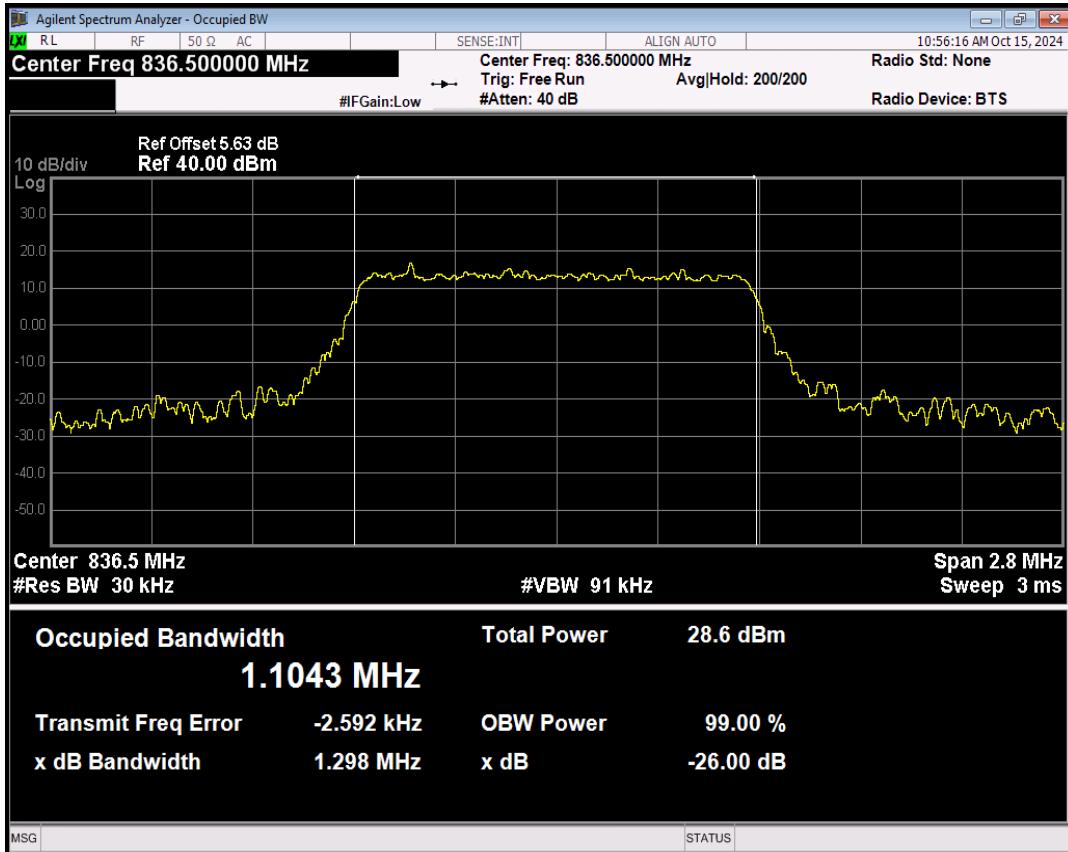
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



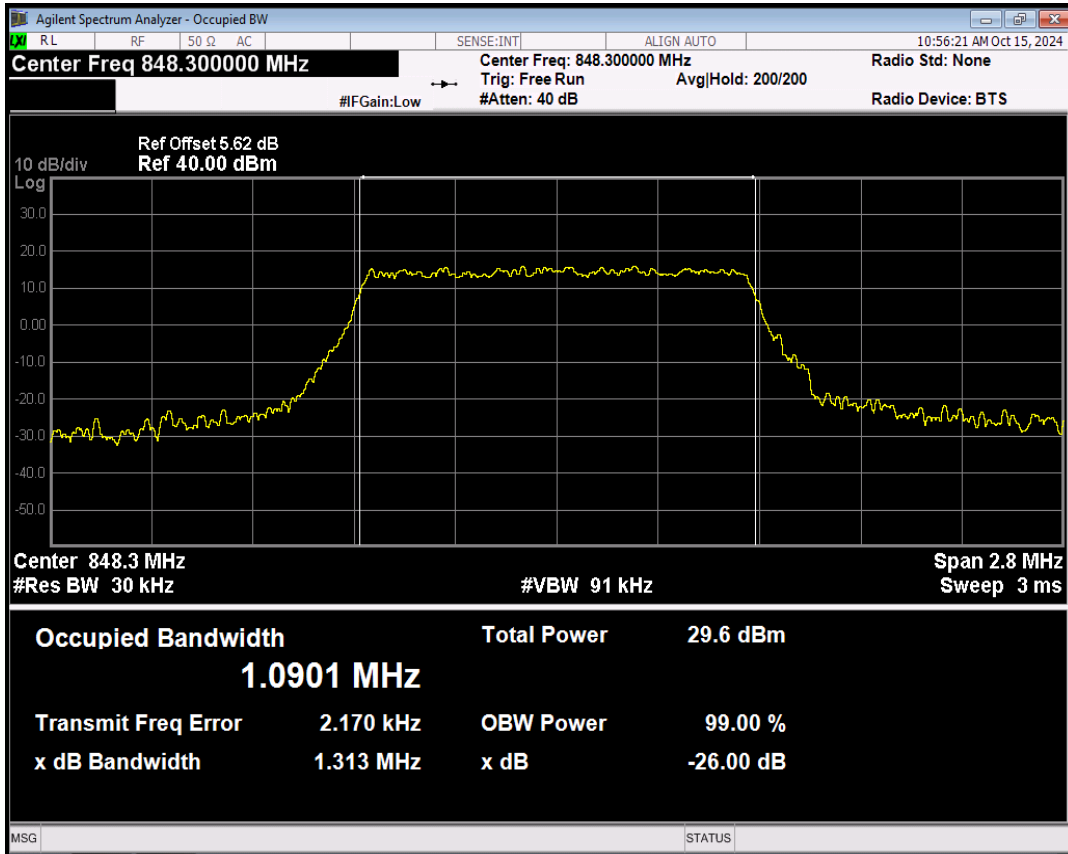
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



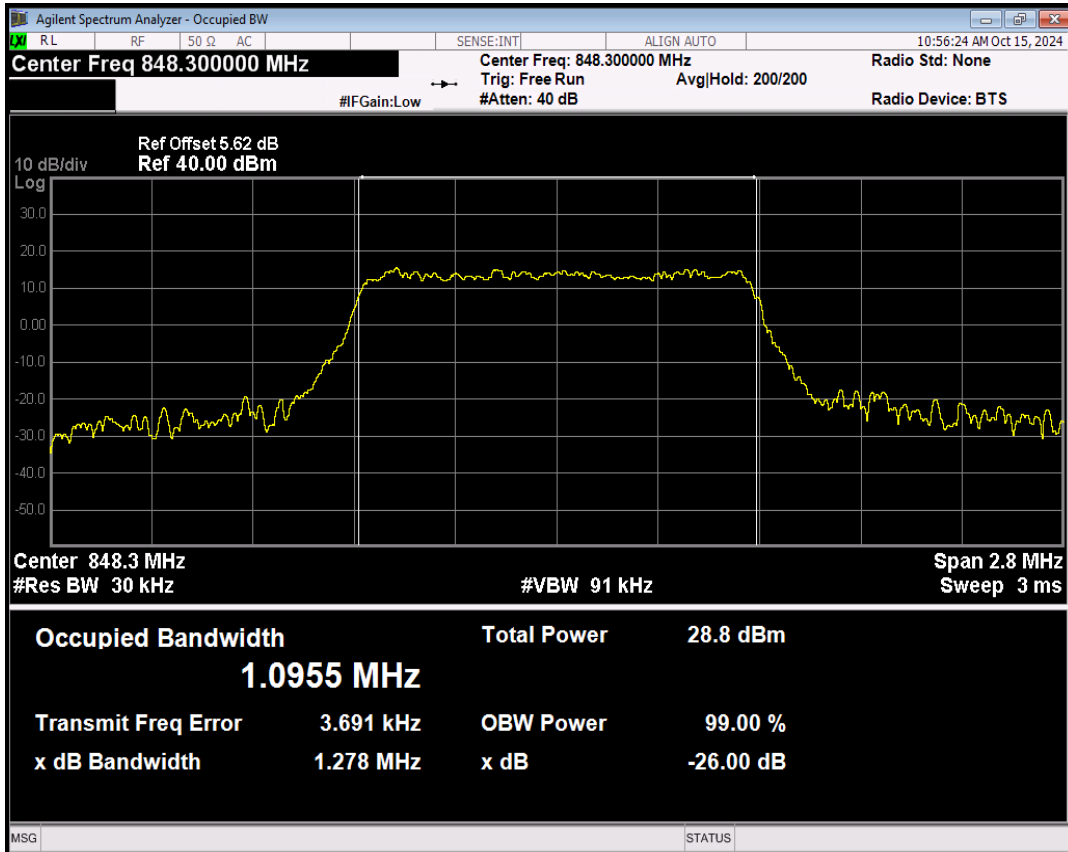
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



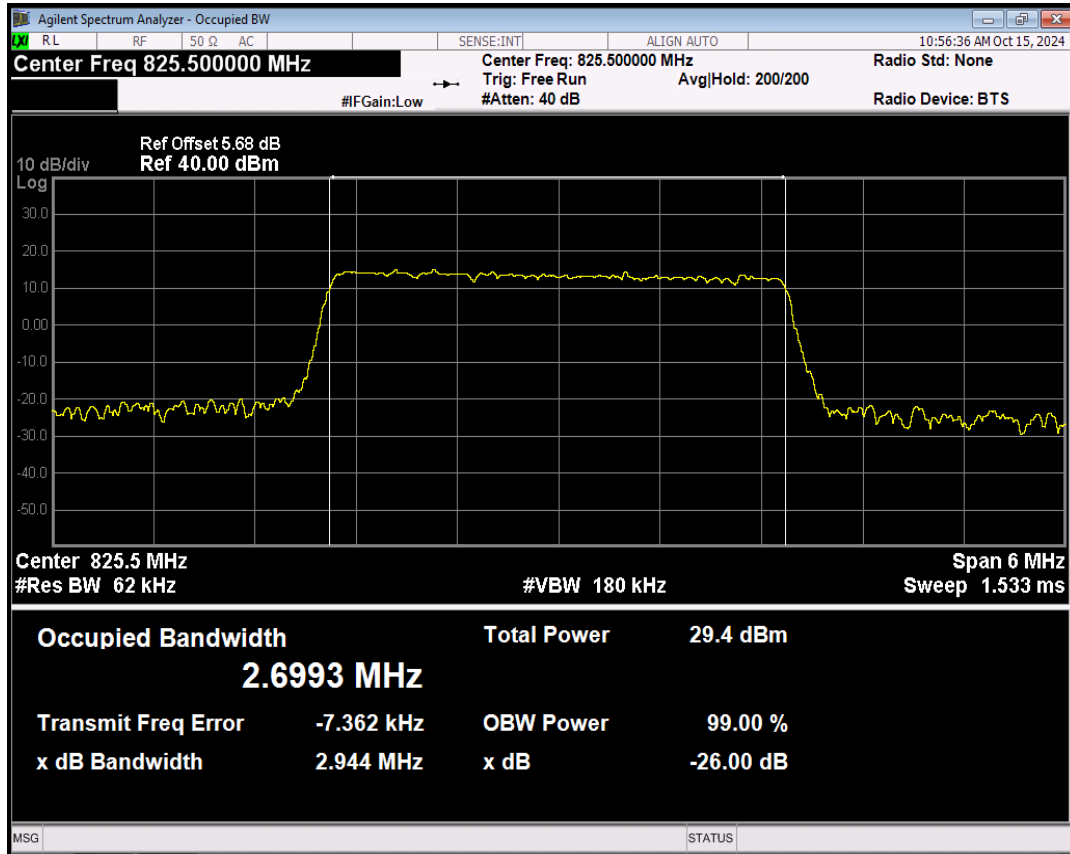
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



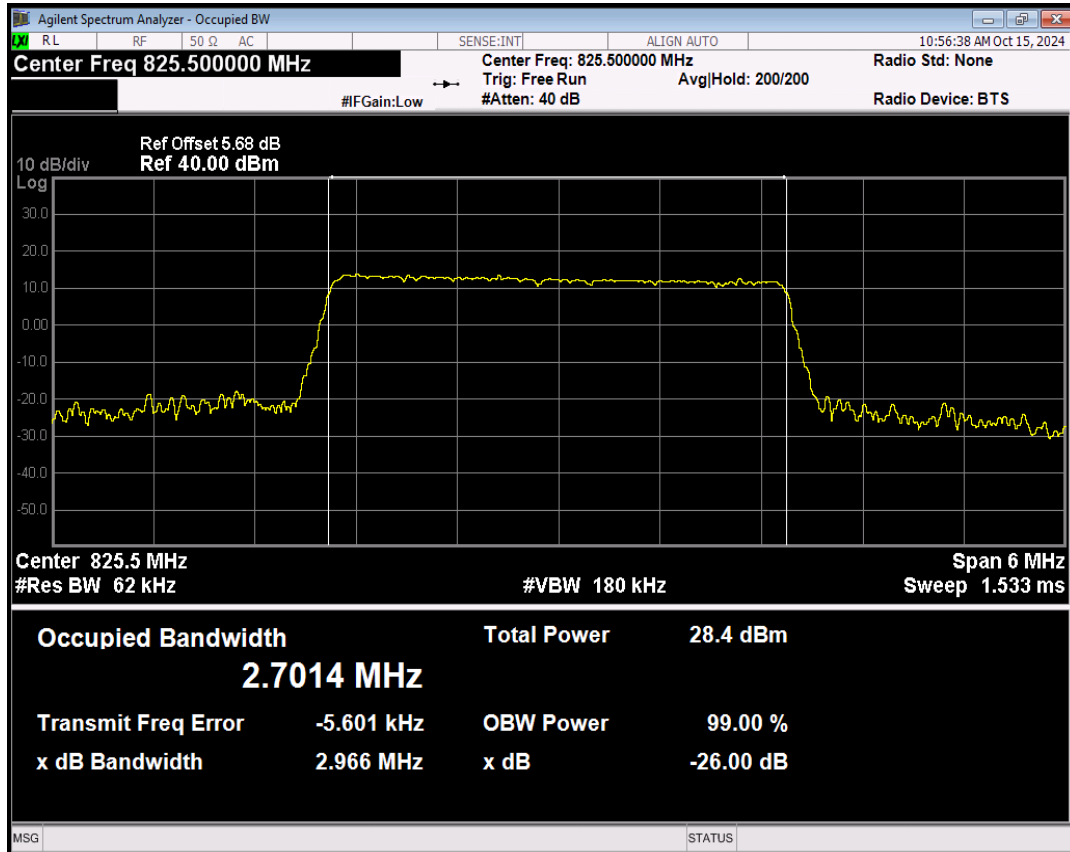
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



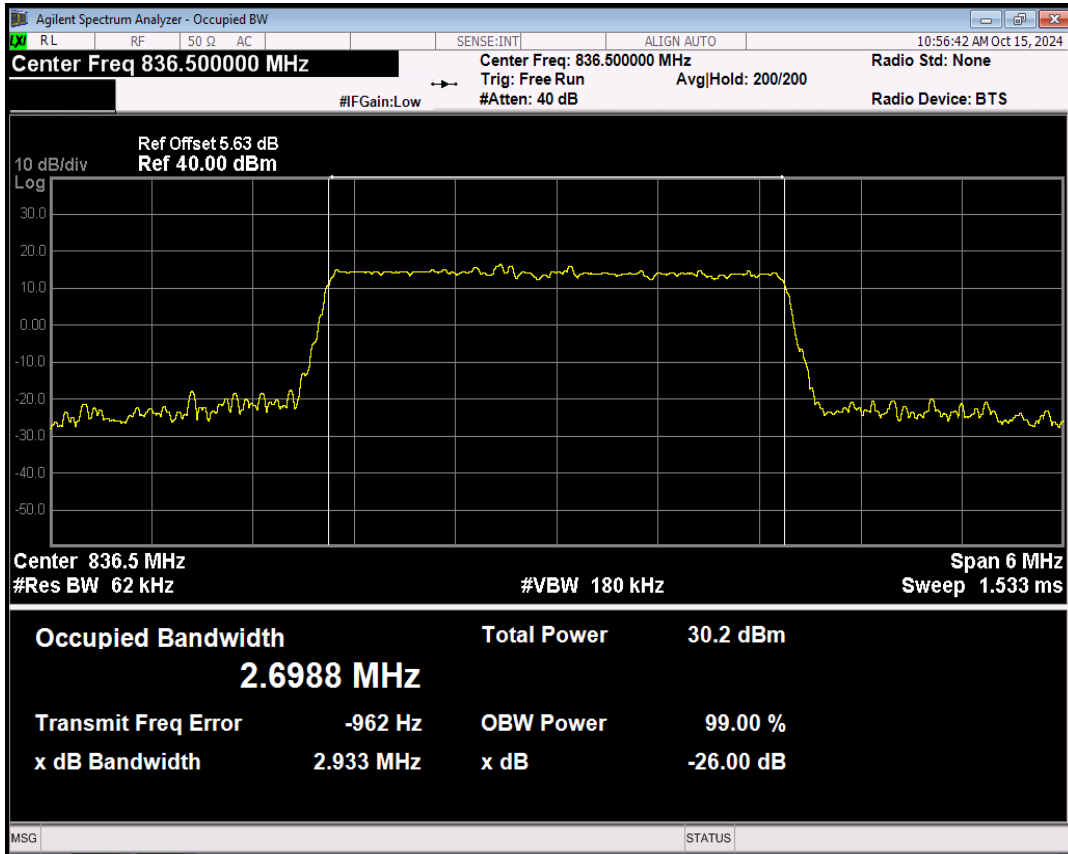
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



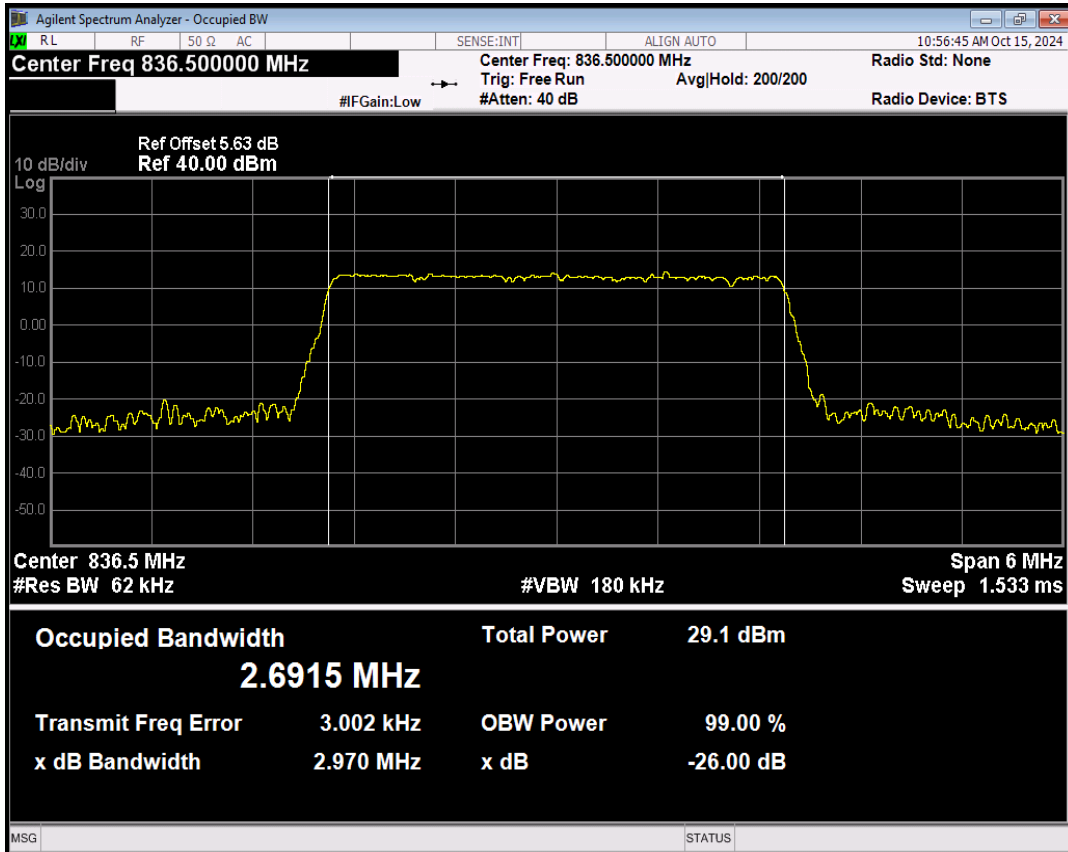
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



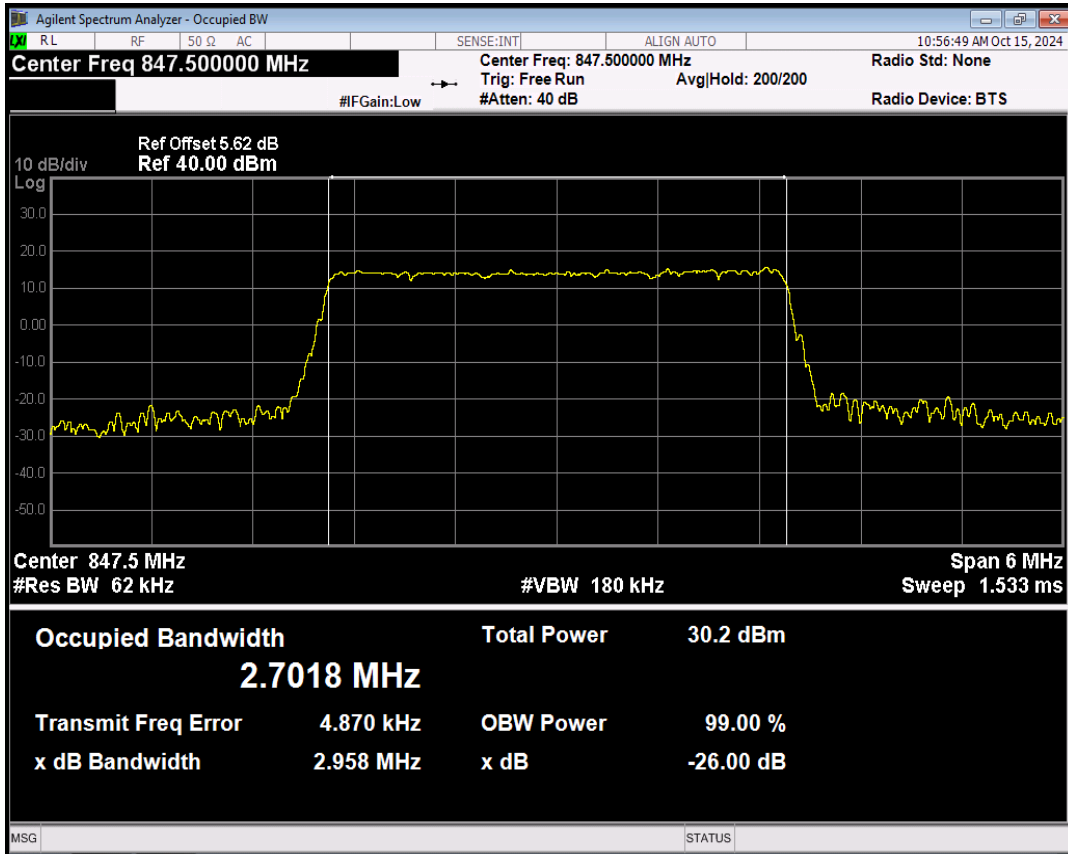
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



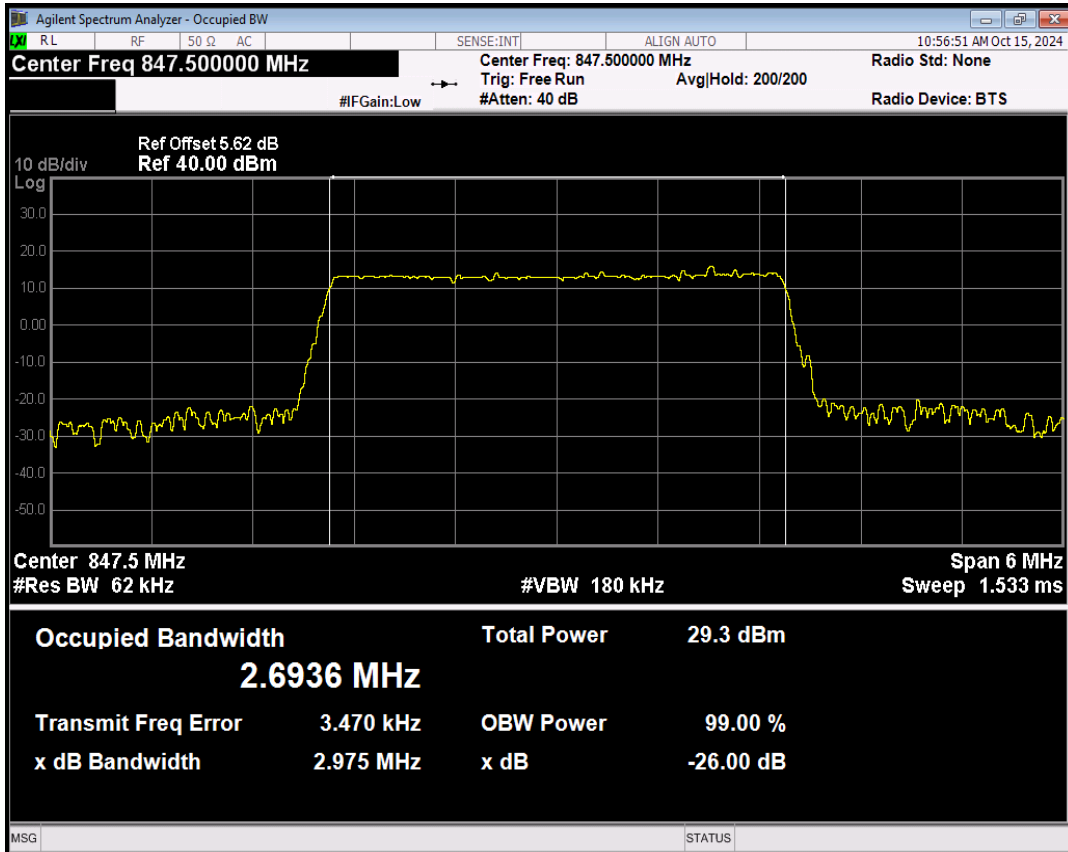
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



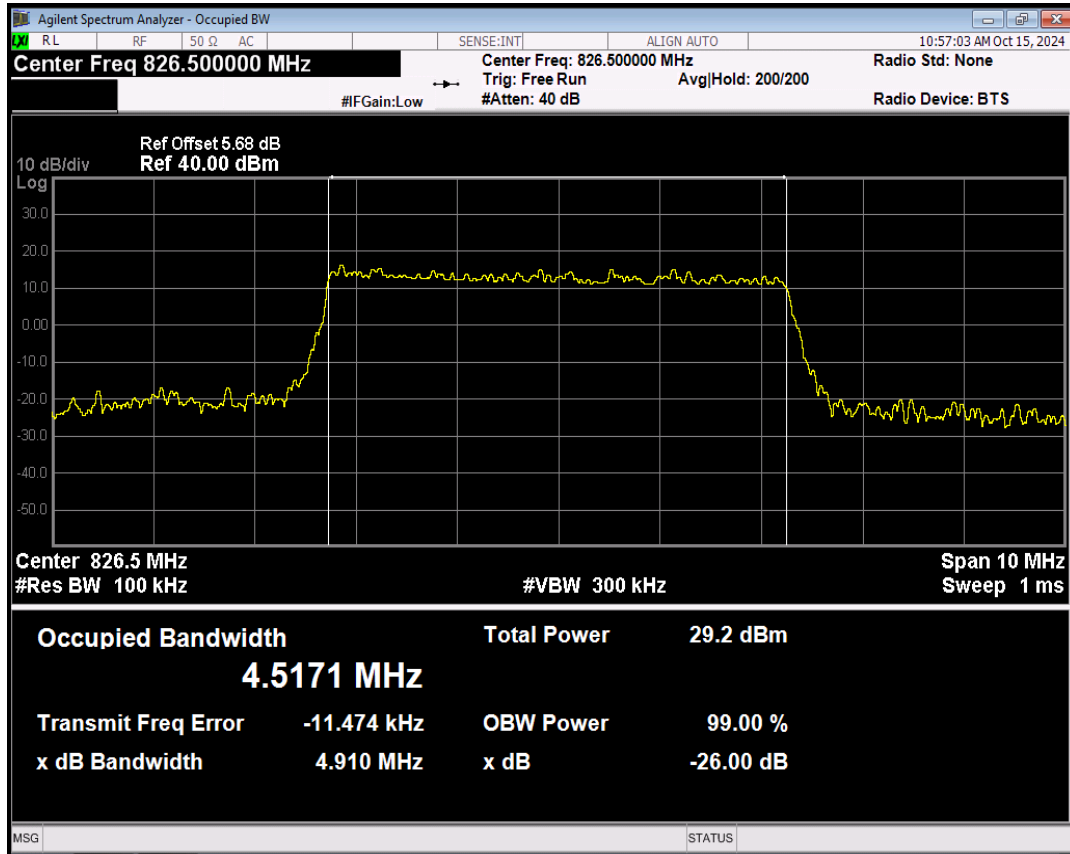
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



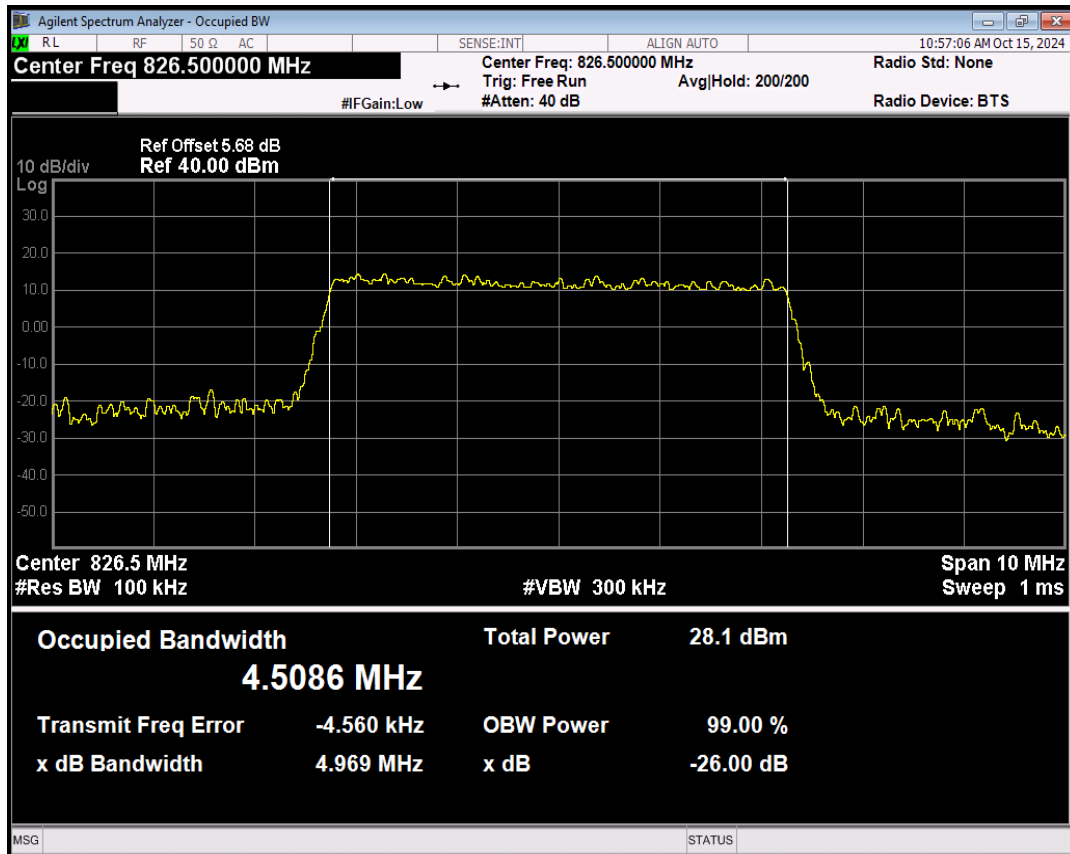
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



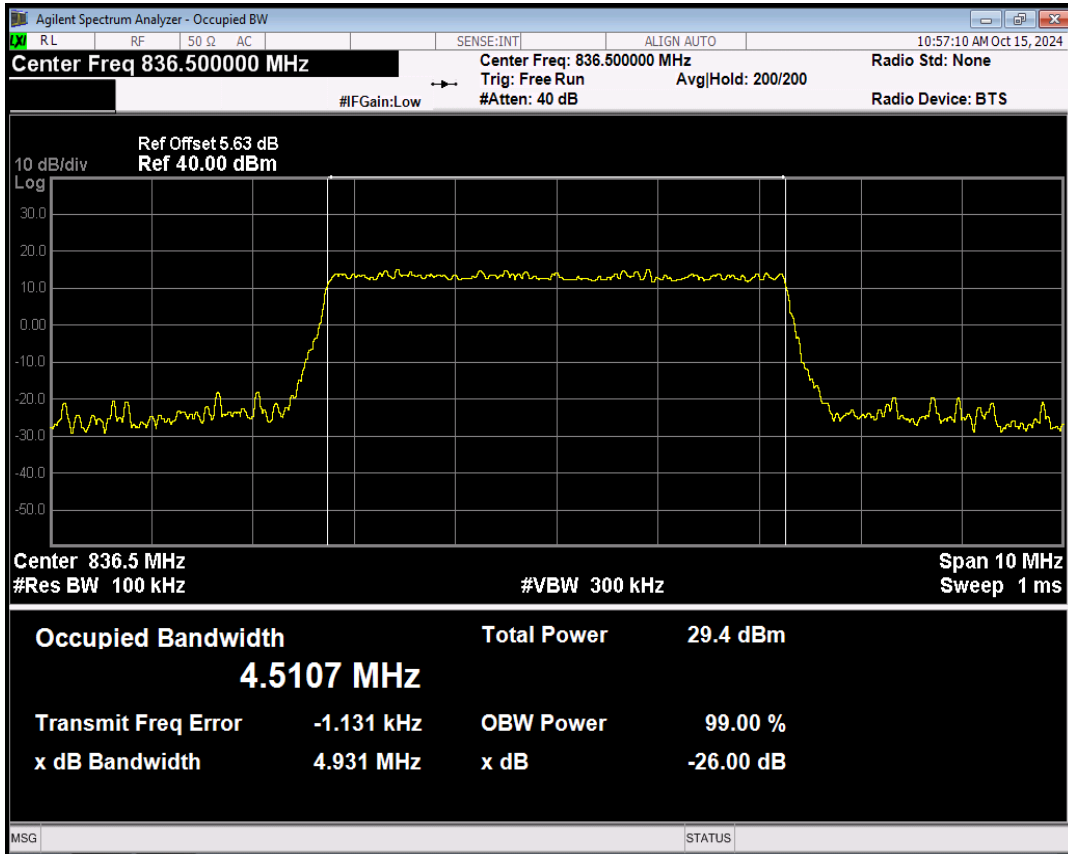
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



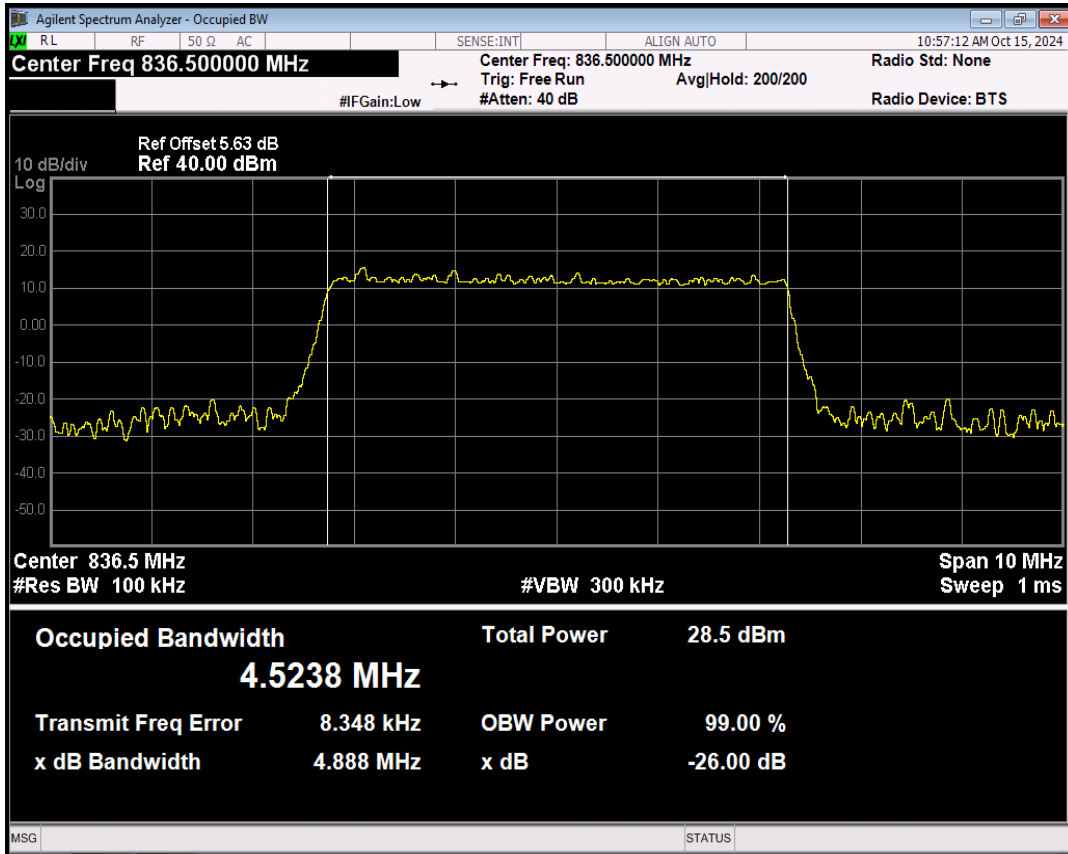
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



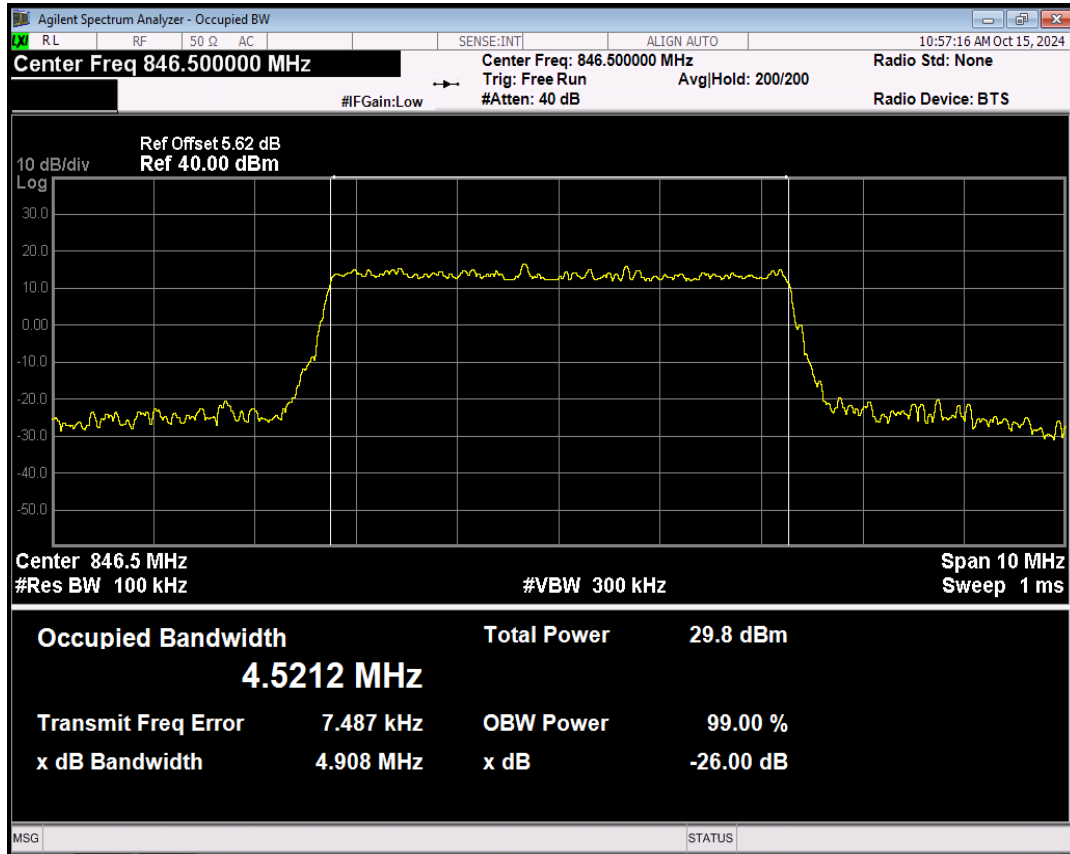
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



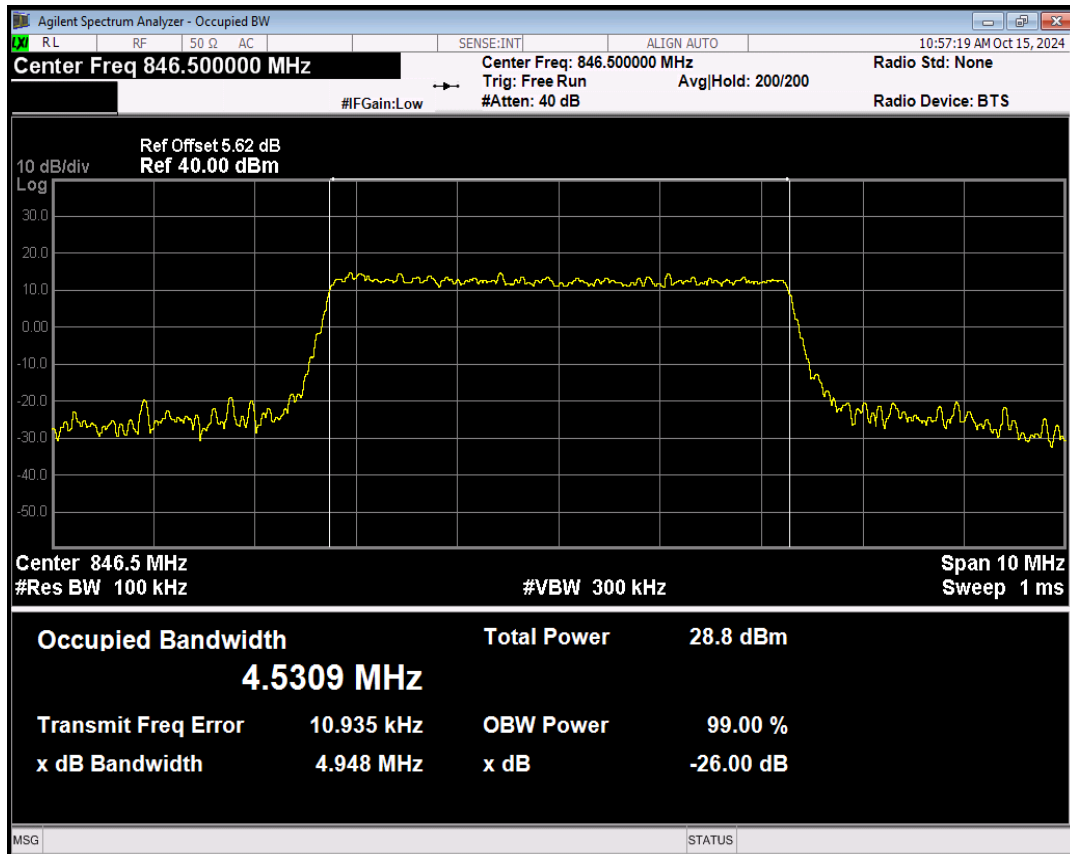
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



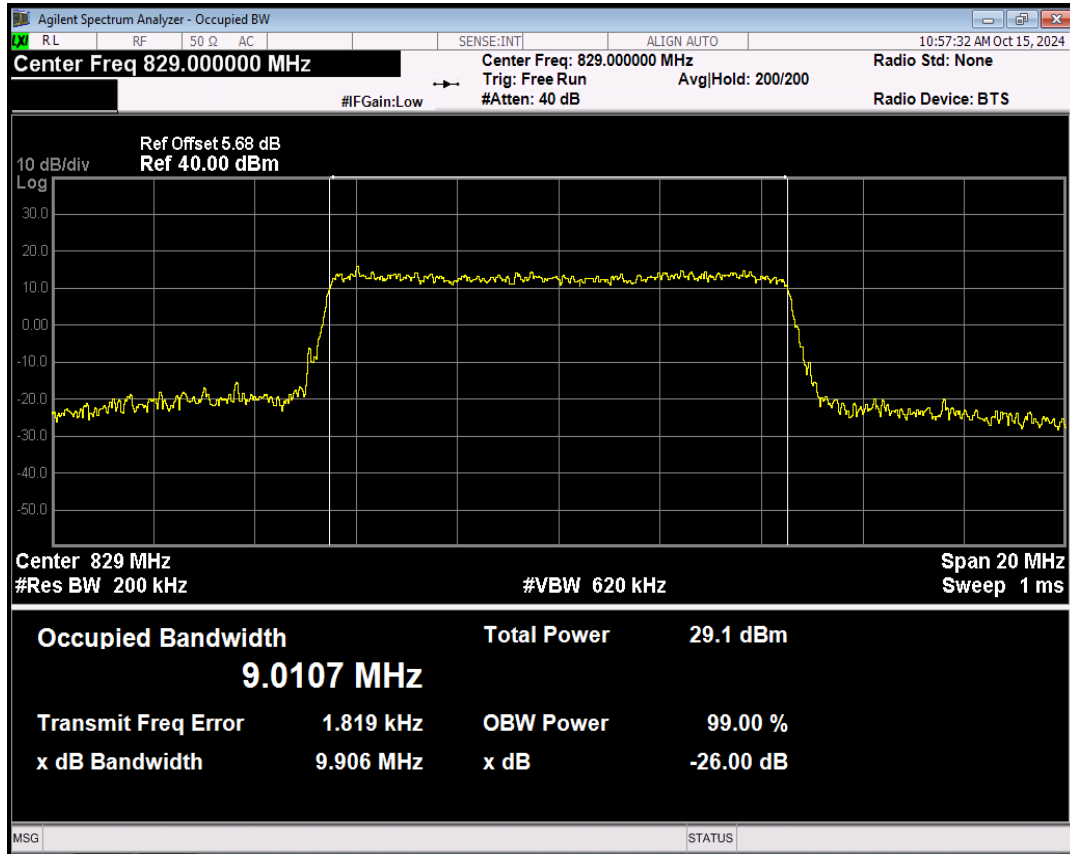
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



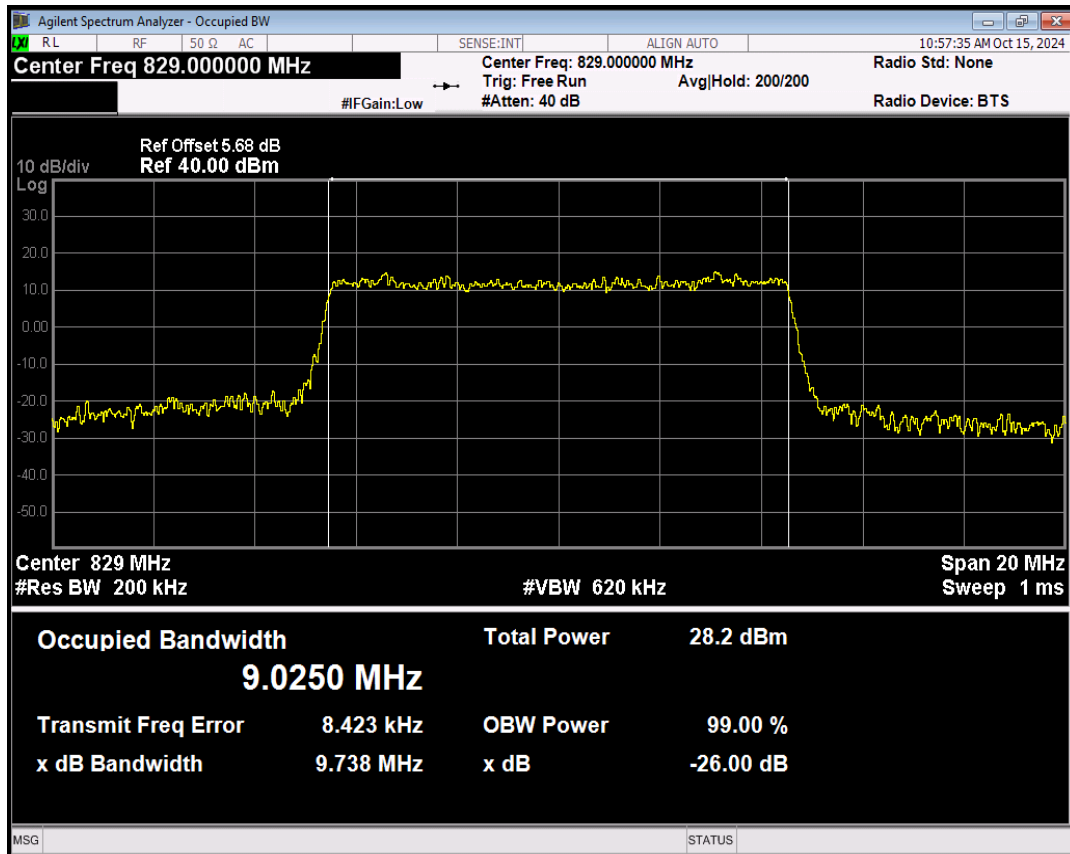
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



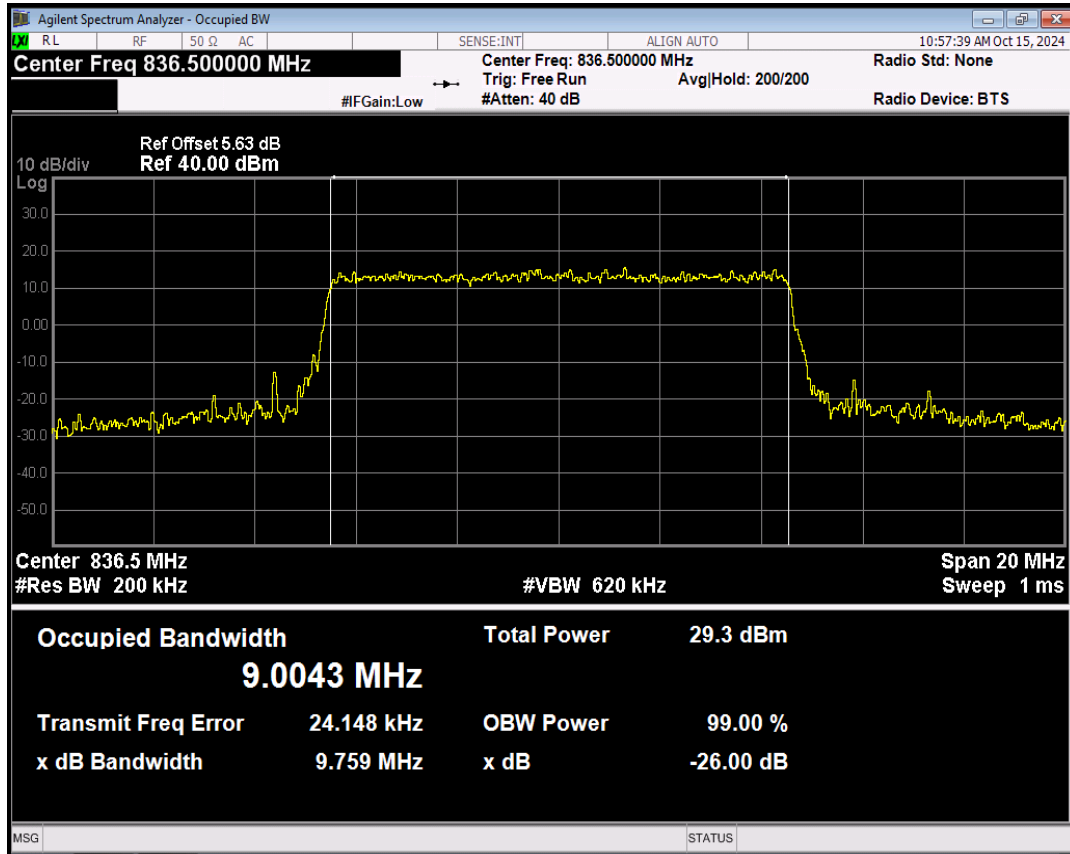
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



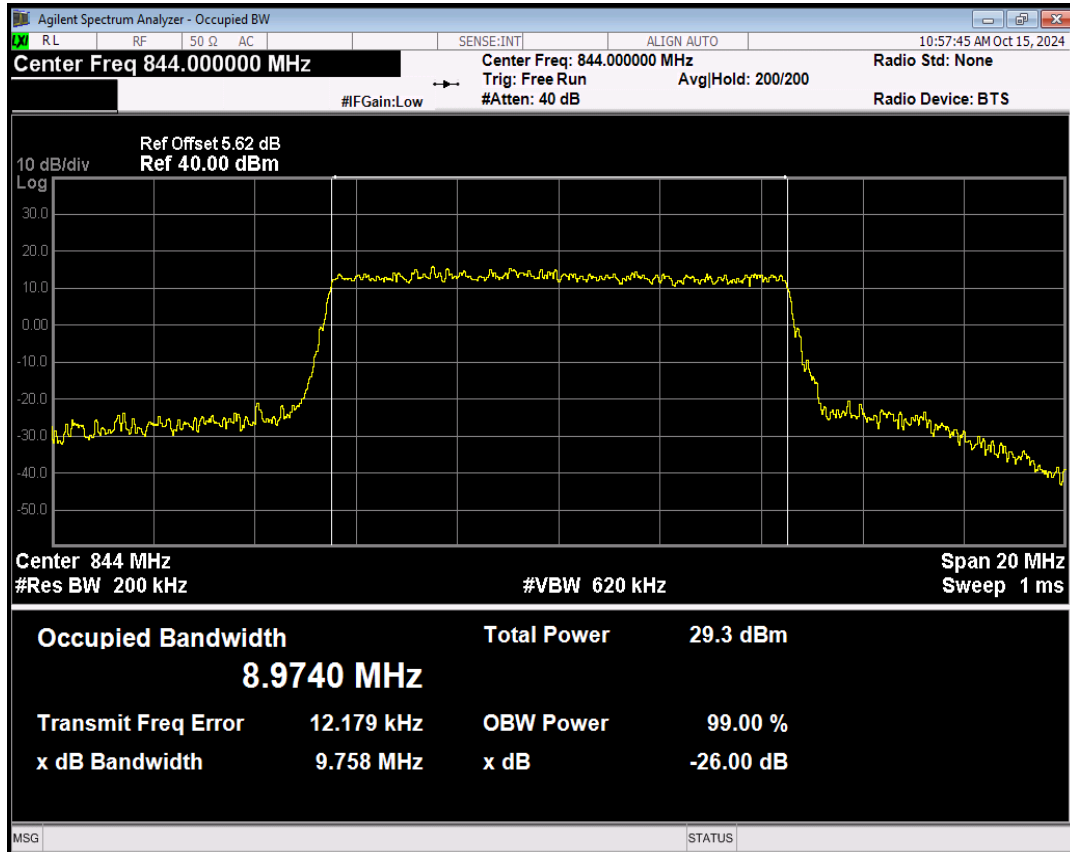
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



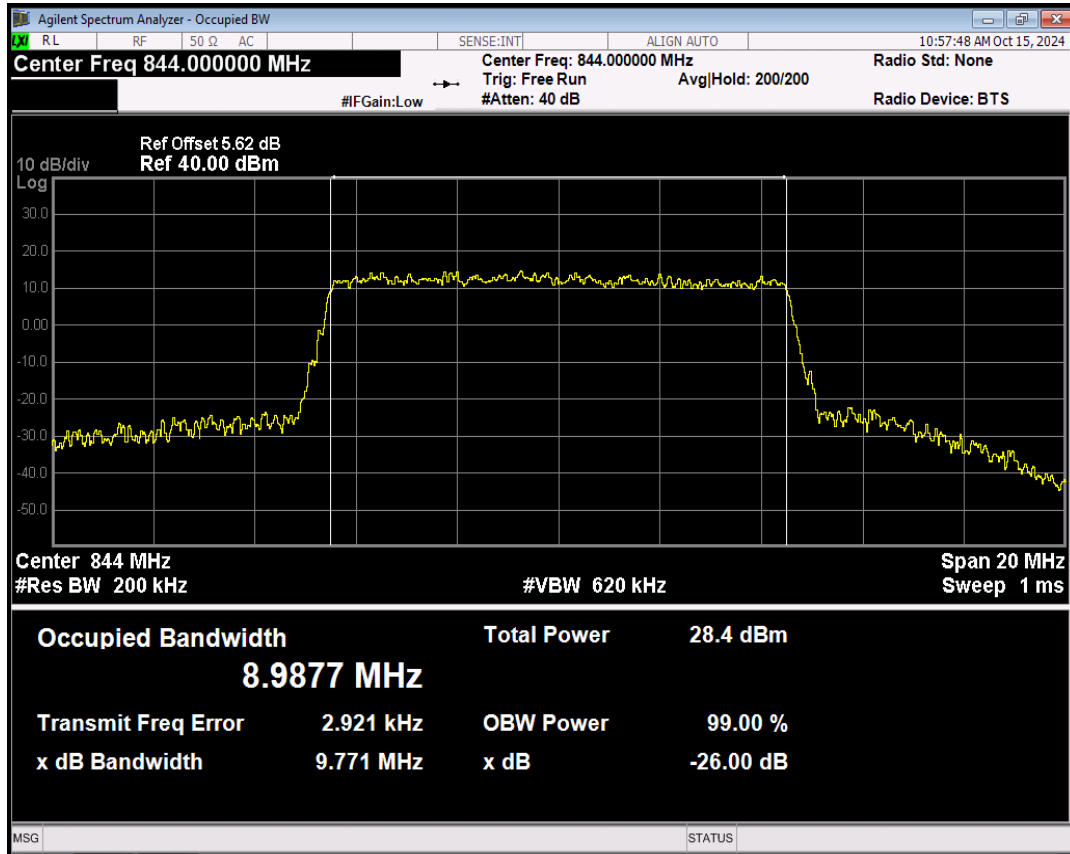
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



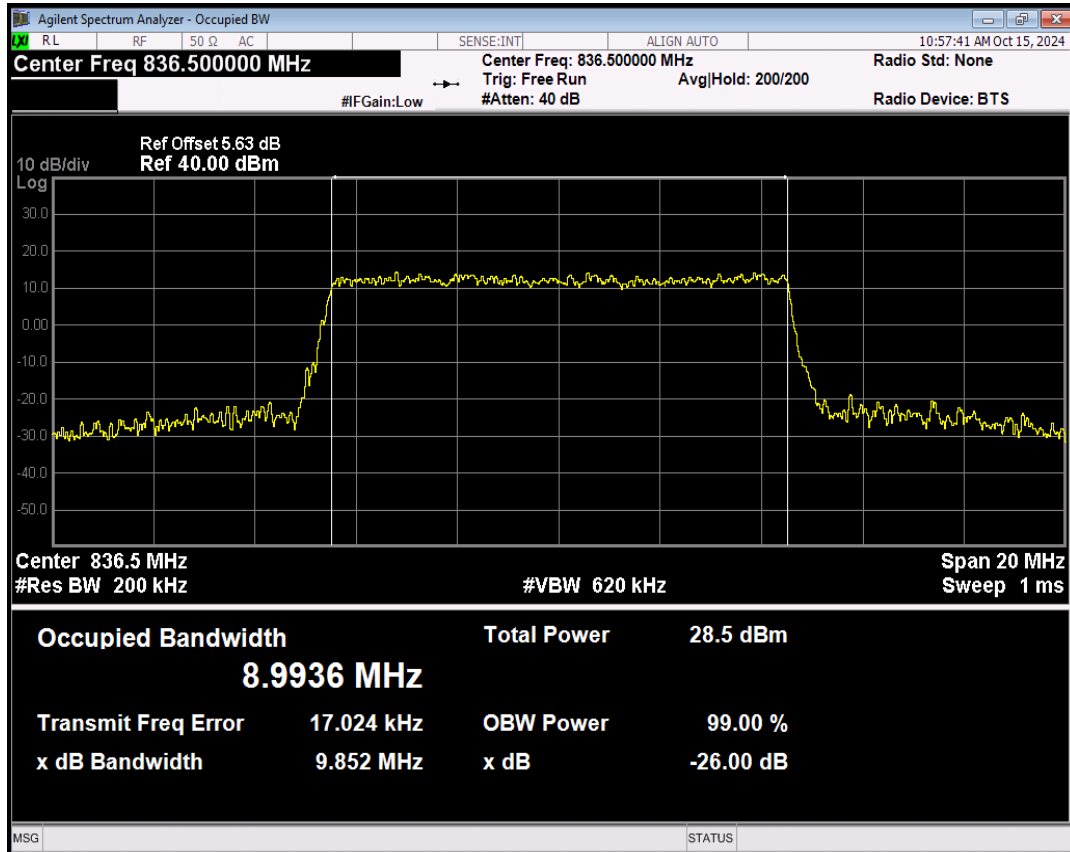
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



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



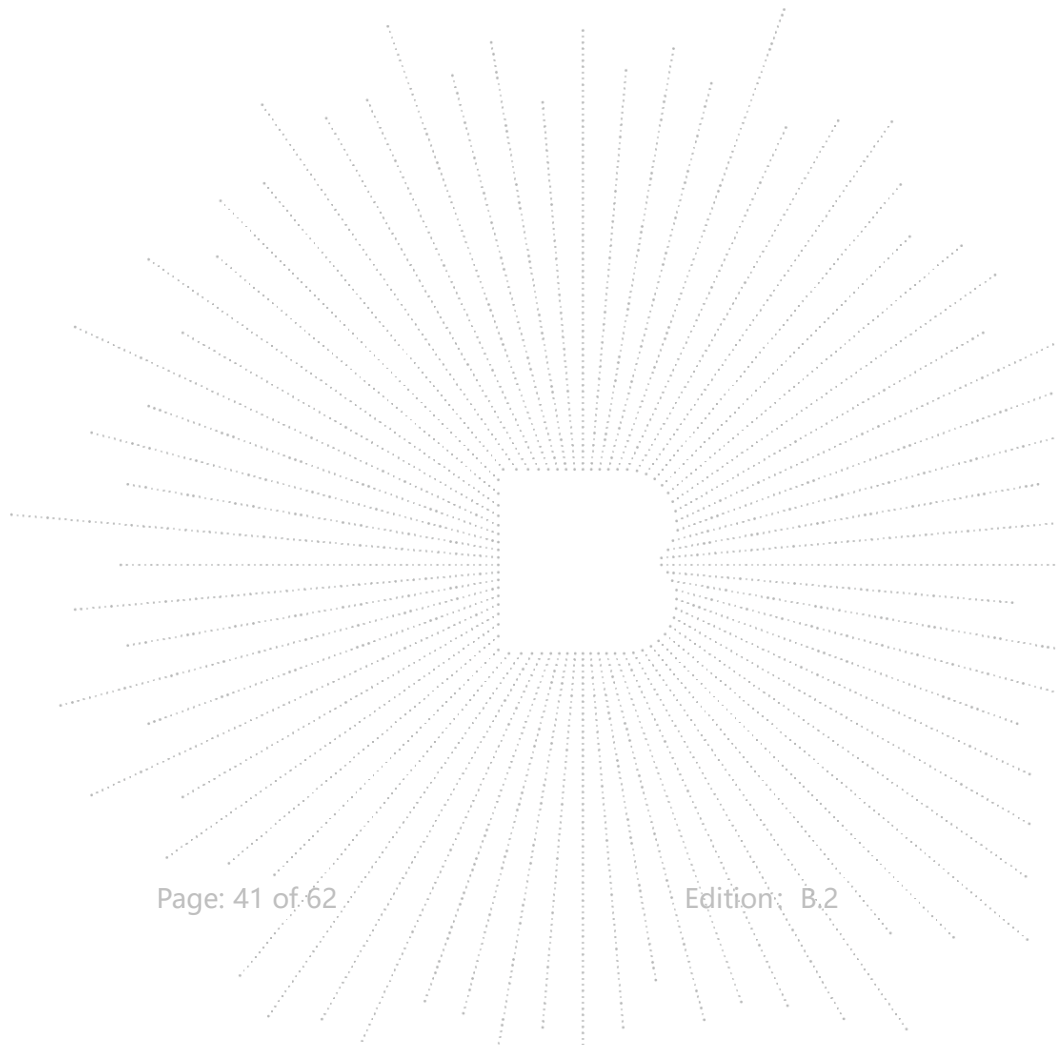
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0

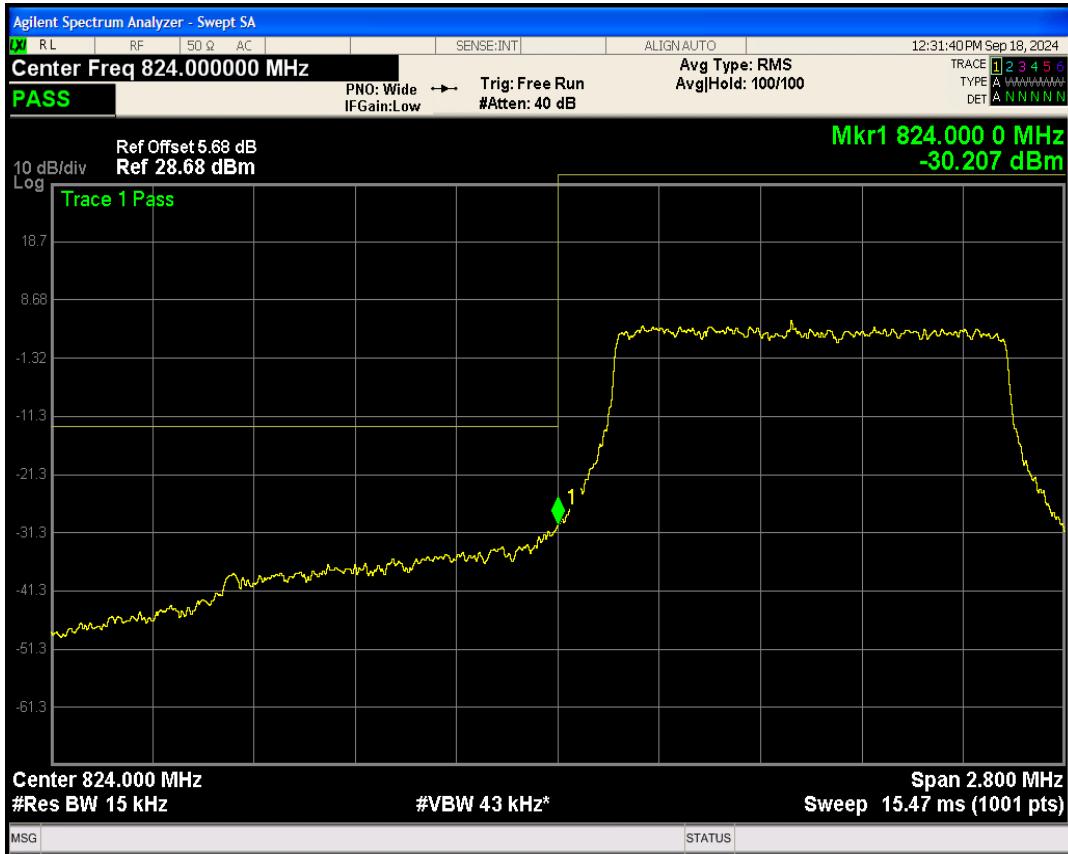


Appendix 5. Band edge

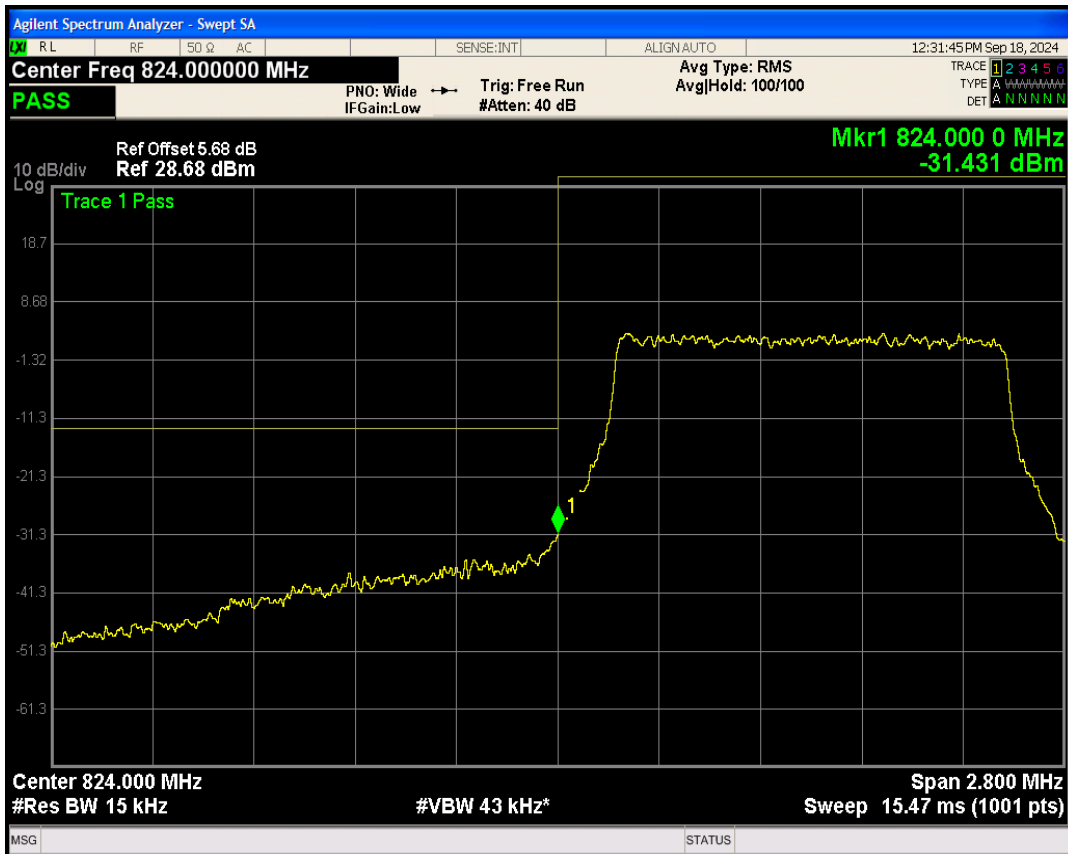
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	824.00	-30.20	-13	PASS
Band5	1.4	20407	6	#0	16QAM	824.00	-31.43	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.01	-30.78	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.02	-32.24	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-30.42	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-32.84	-13	PASS
Band5	3	20635	15	#0	QPSK	849.02	-32.51	-13	PASS
Band5	3	20635	15	#0	16QAM	849.00	-30.18	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-28.77	-13	PASS
Band5	5	20425	25	#0	16QAM	823.98	-31.38	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-29.68	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-32.11	-13	PASS
Band5	10	20450	50	#0	QPSK	823.96	-32.19	-13	PASS
Band5	10	20450	50	#0	16QAM	822.50	-33.79	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-33.37	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-35.11	-13	PASS

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





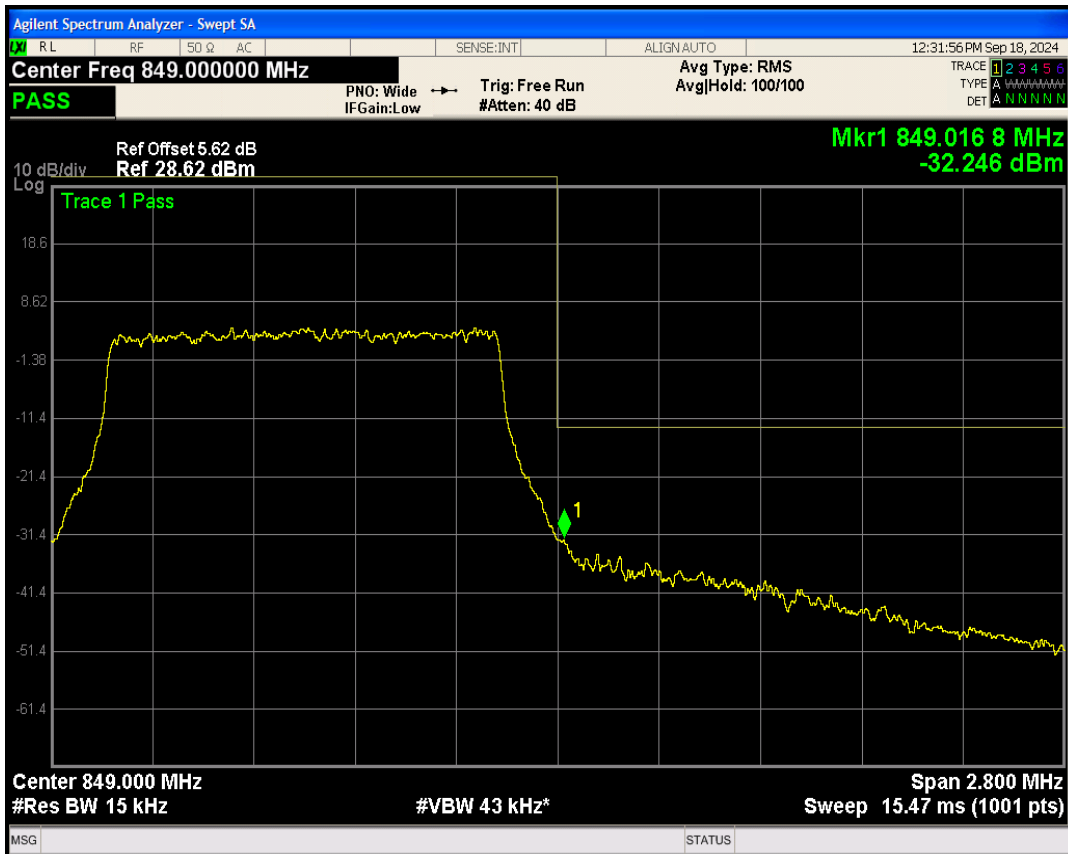
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



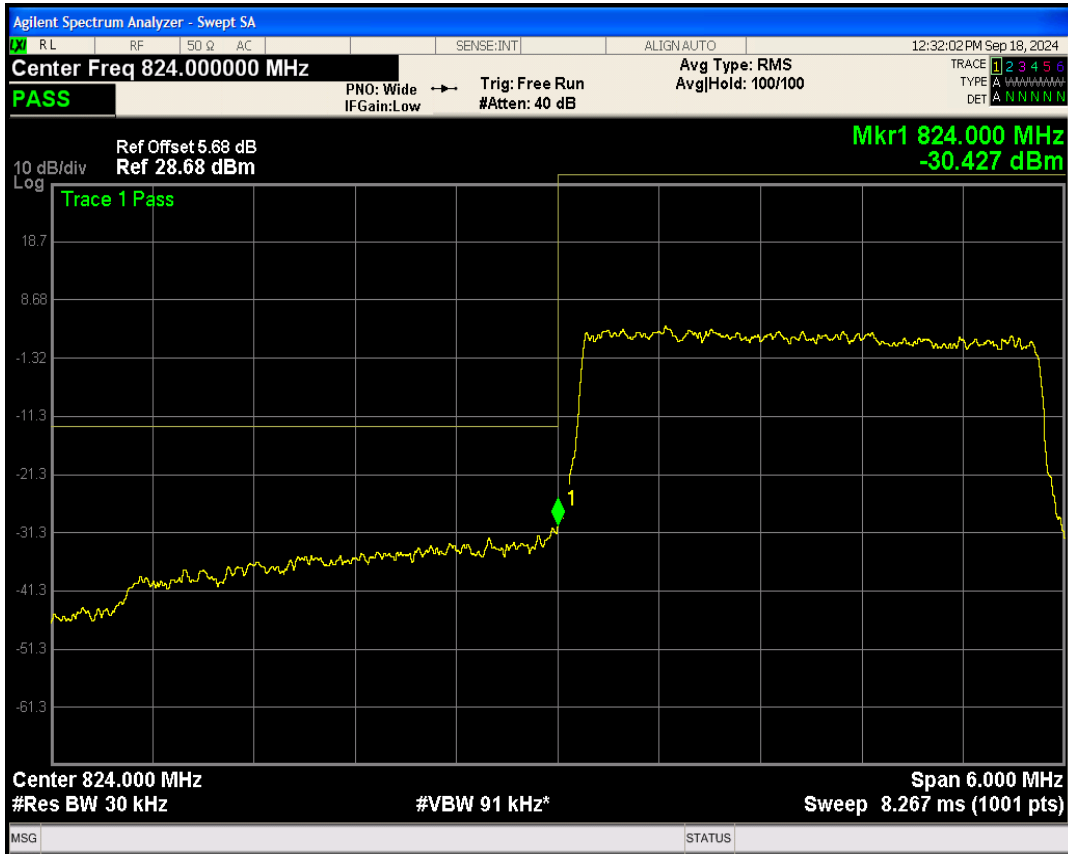
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



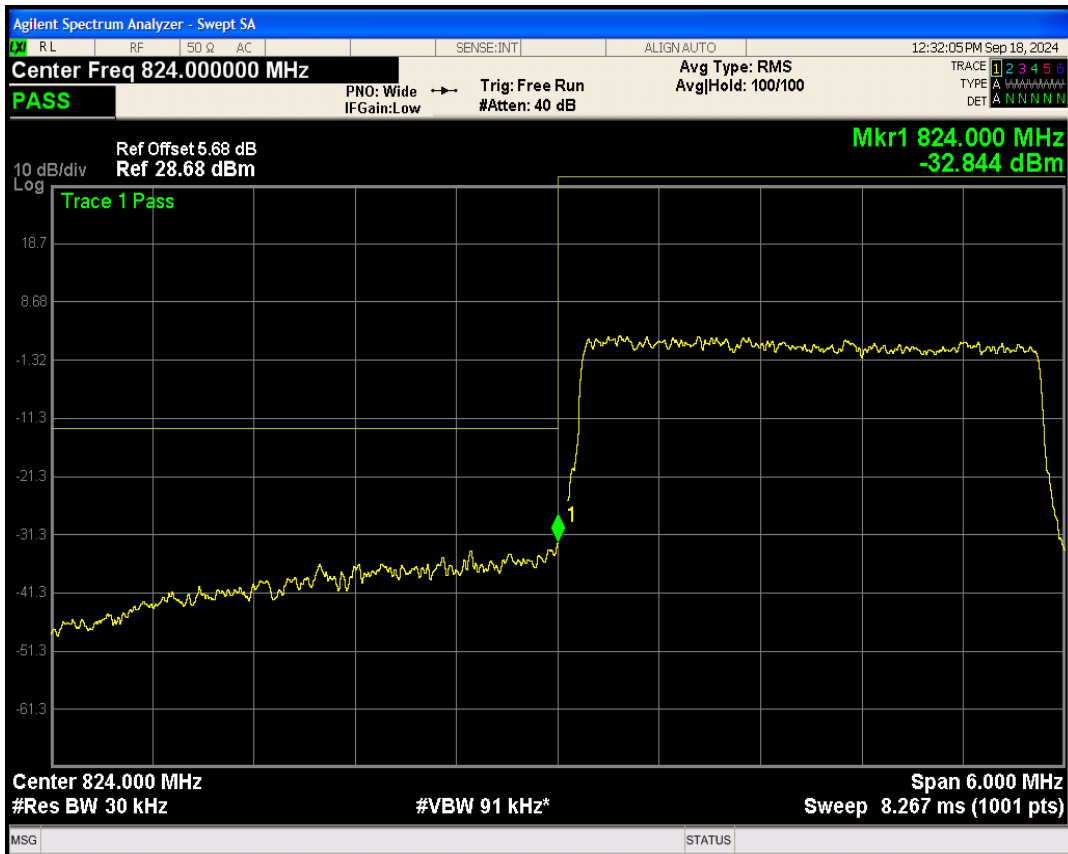
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



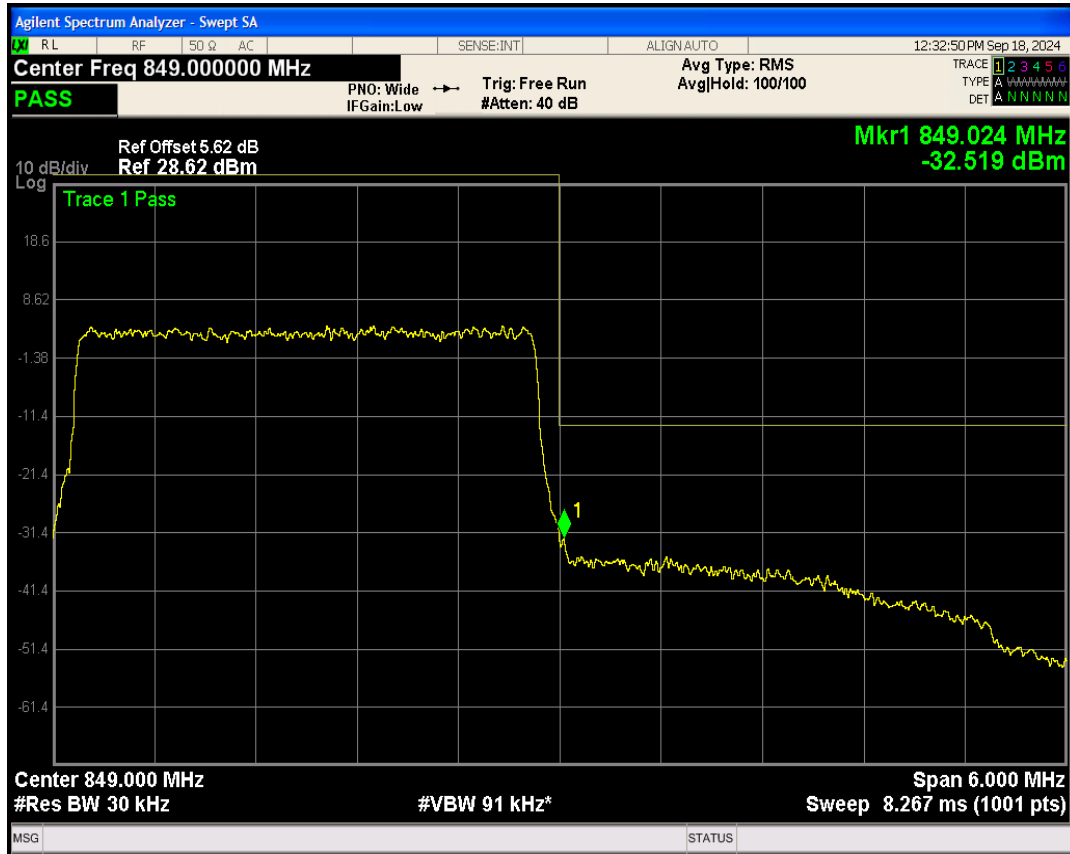
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



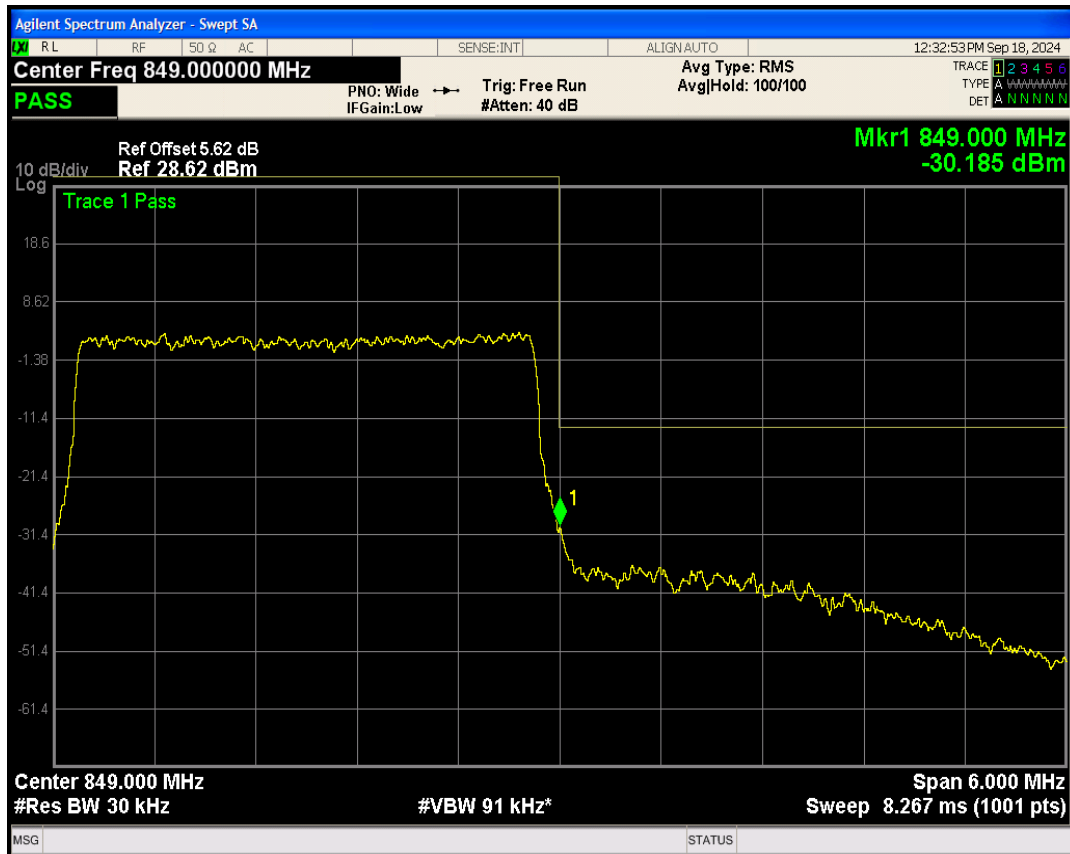
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



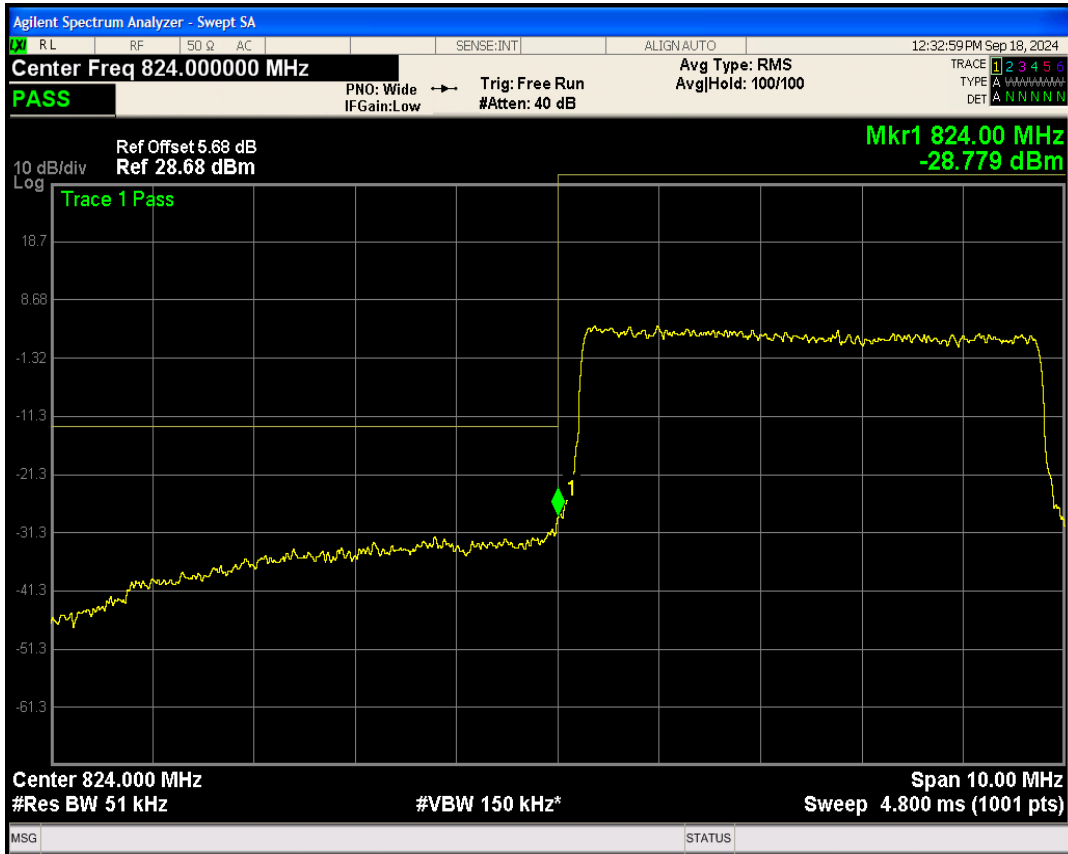
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



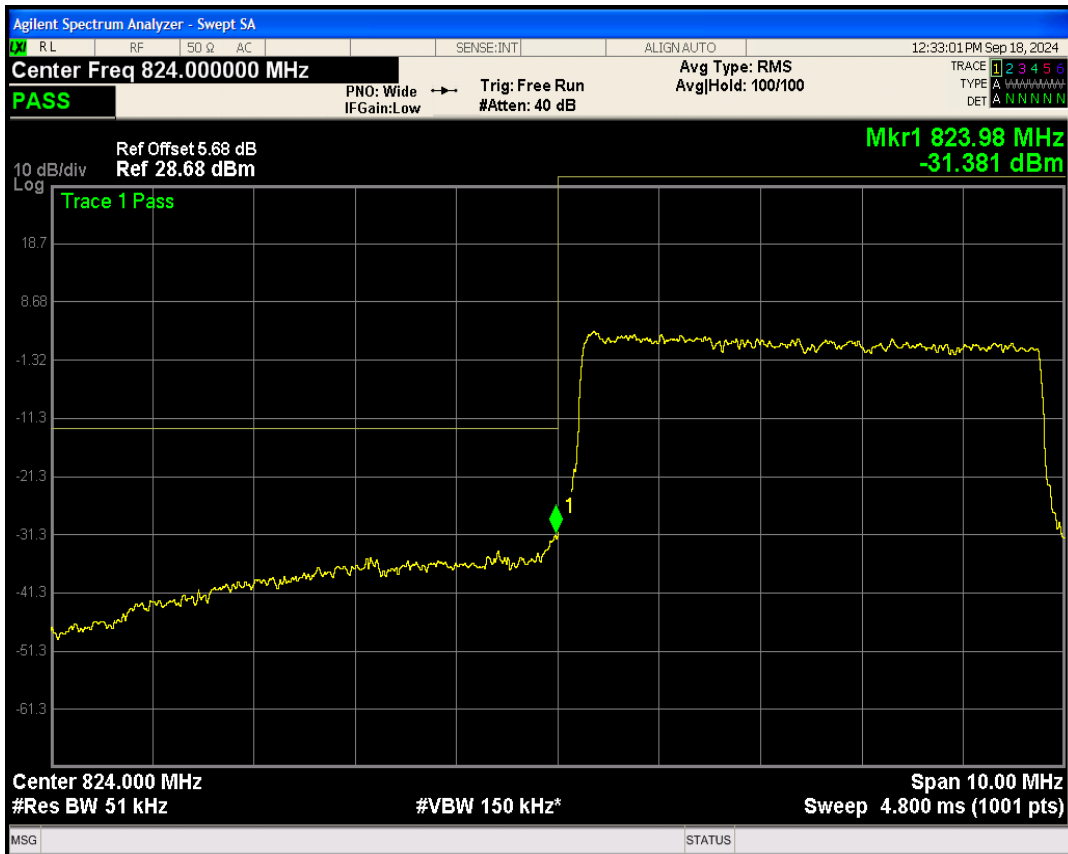
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



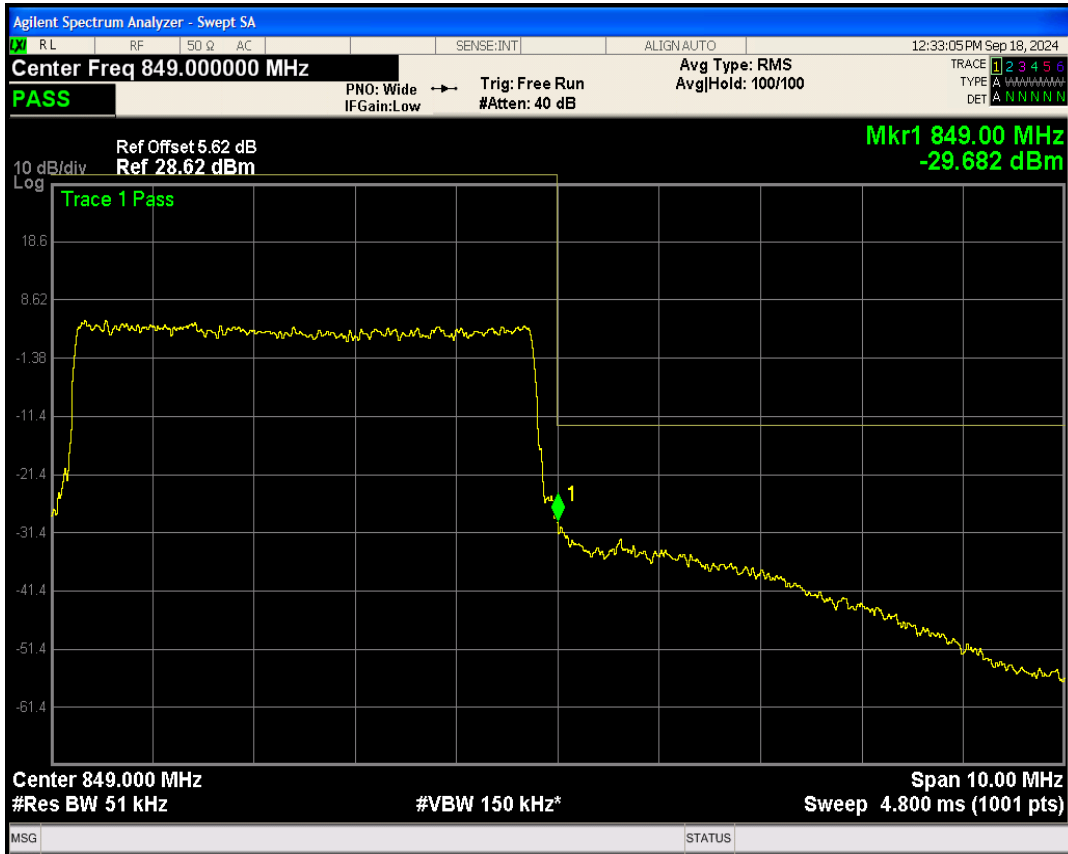
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



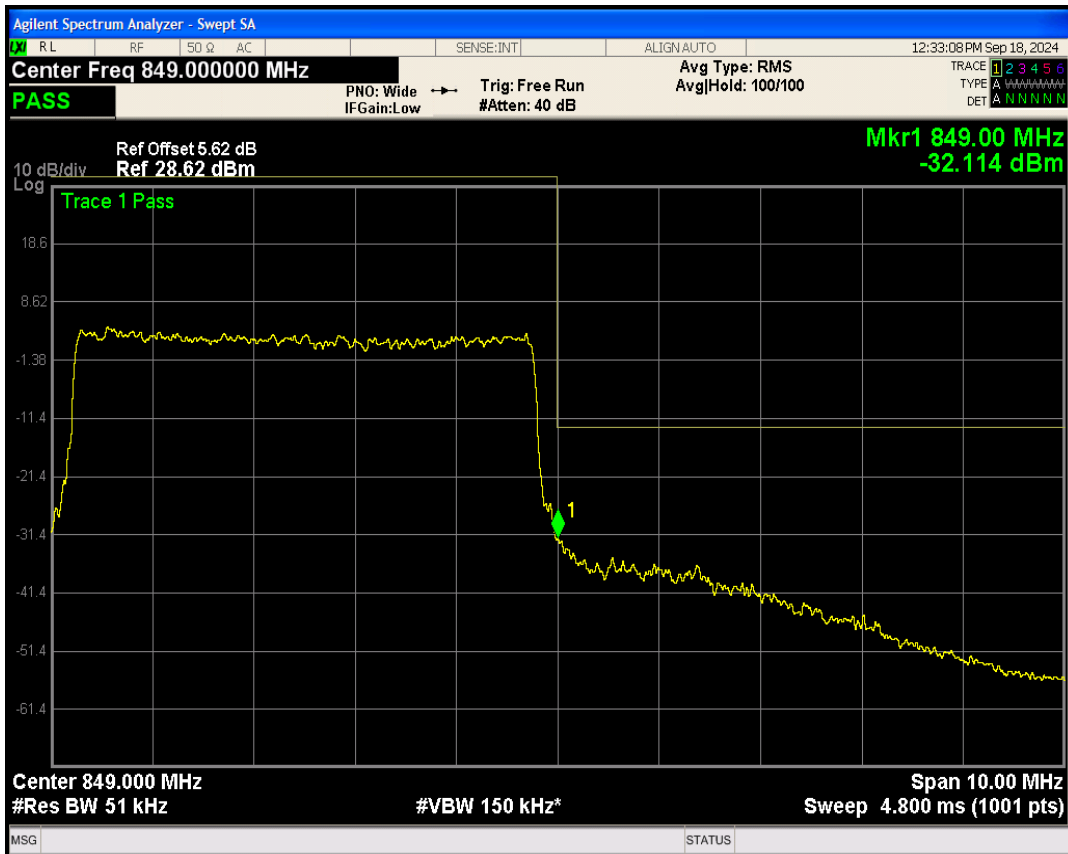
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



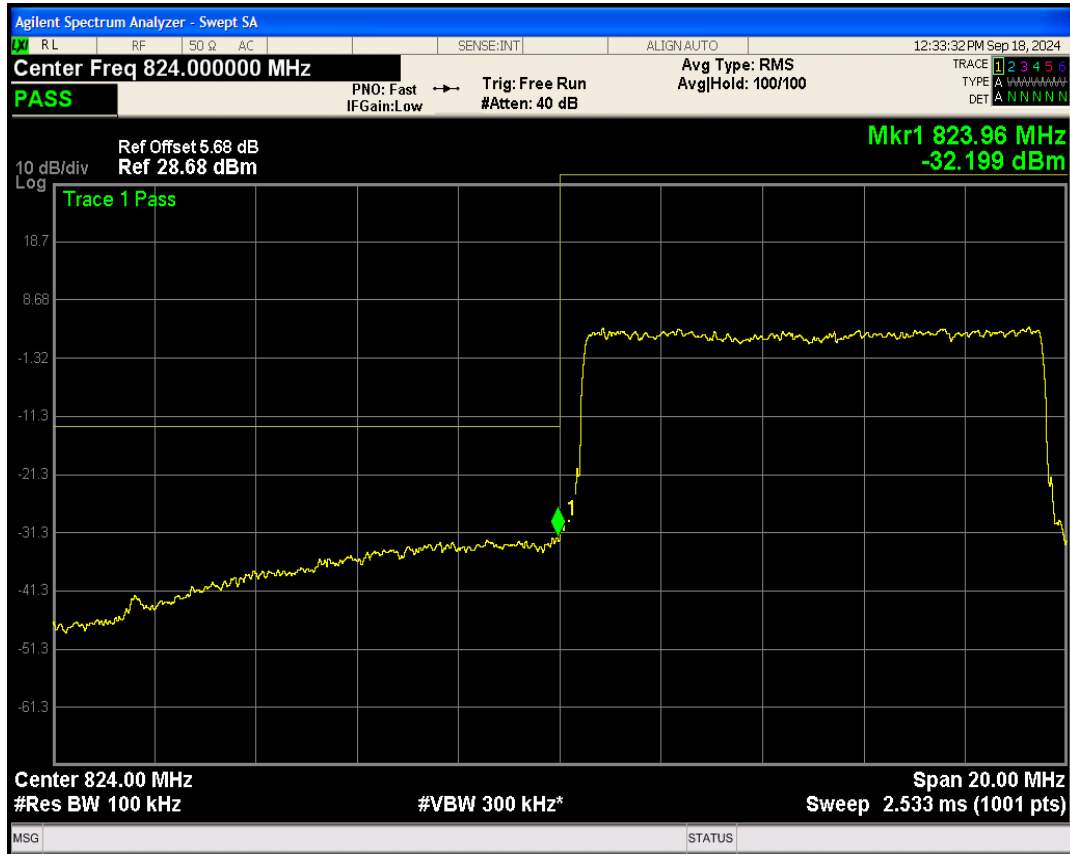
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



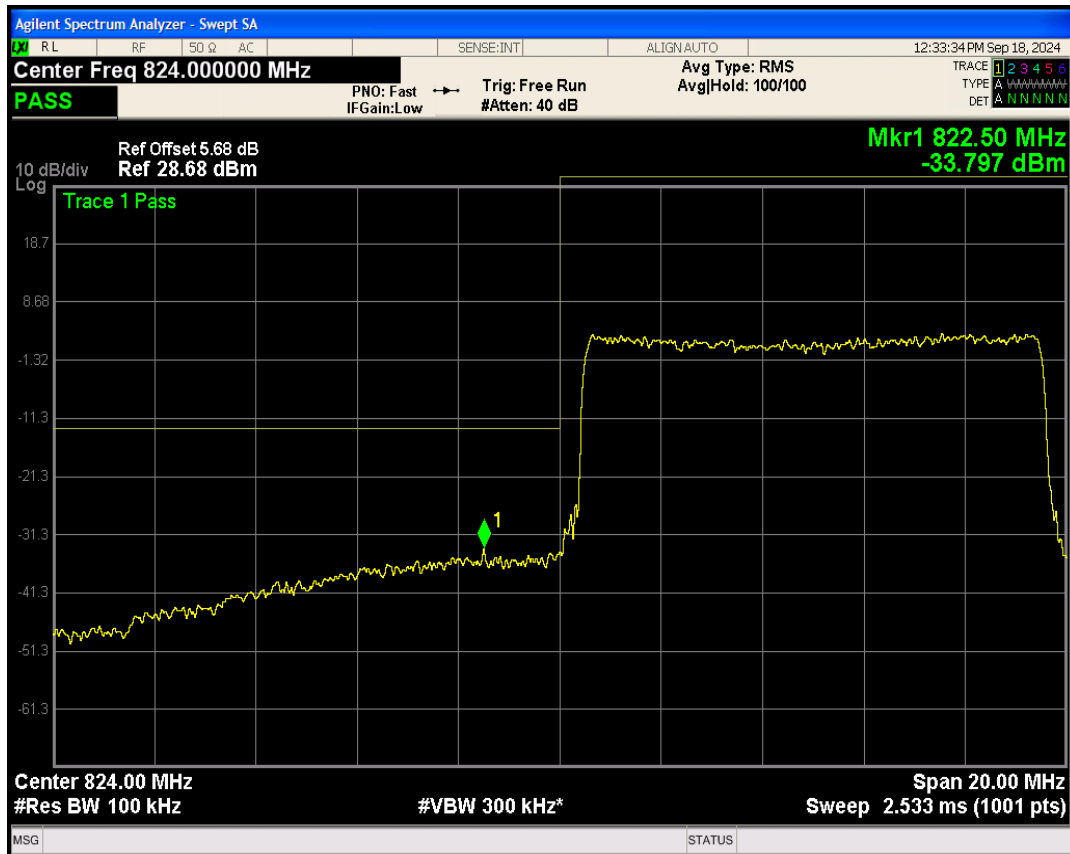
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



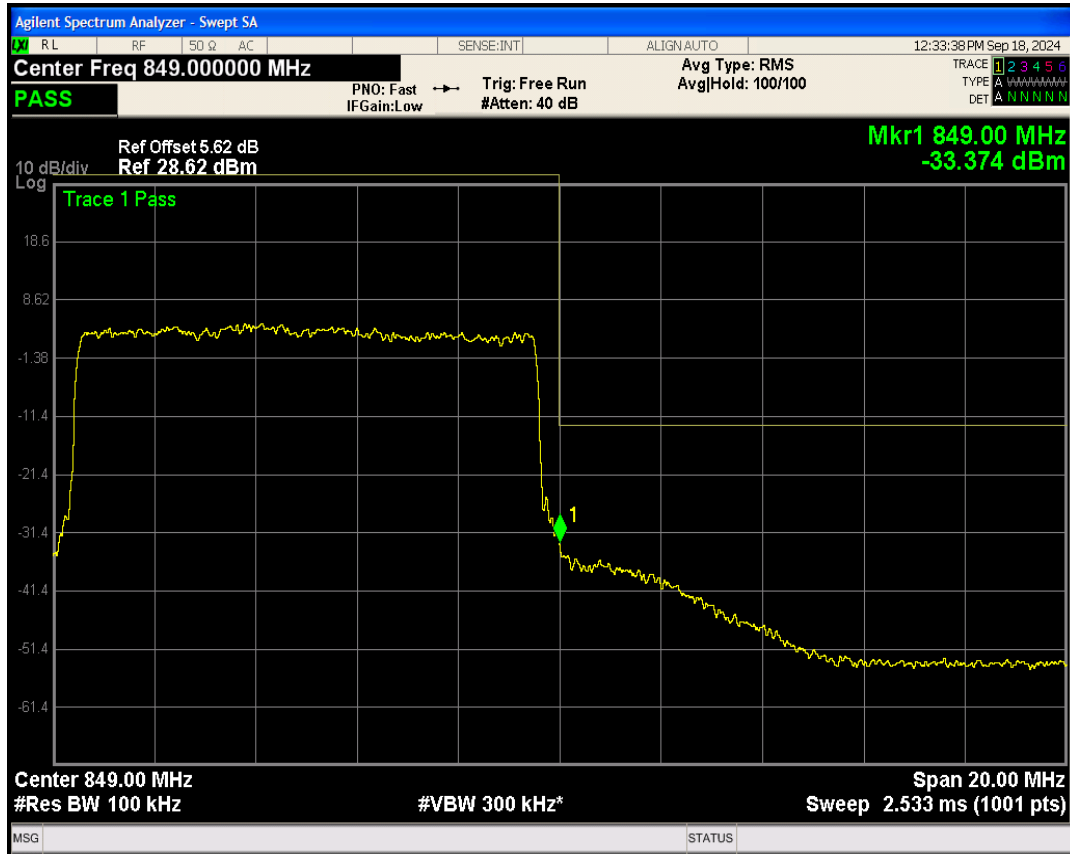
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



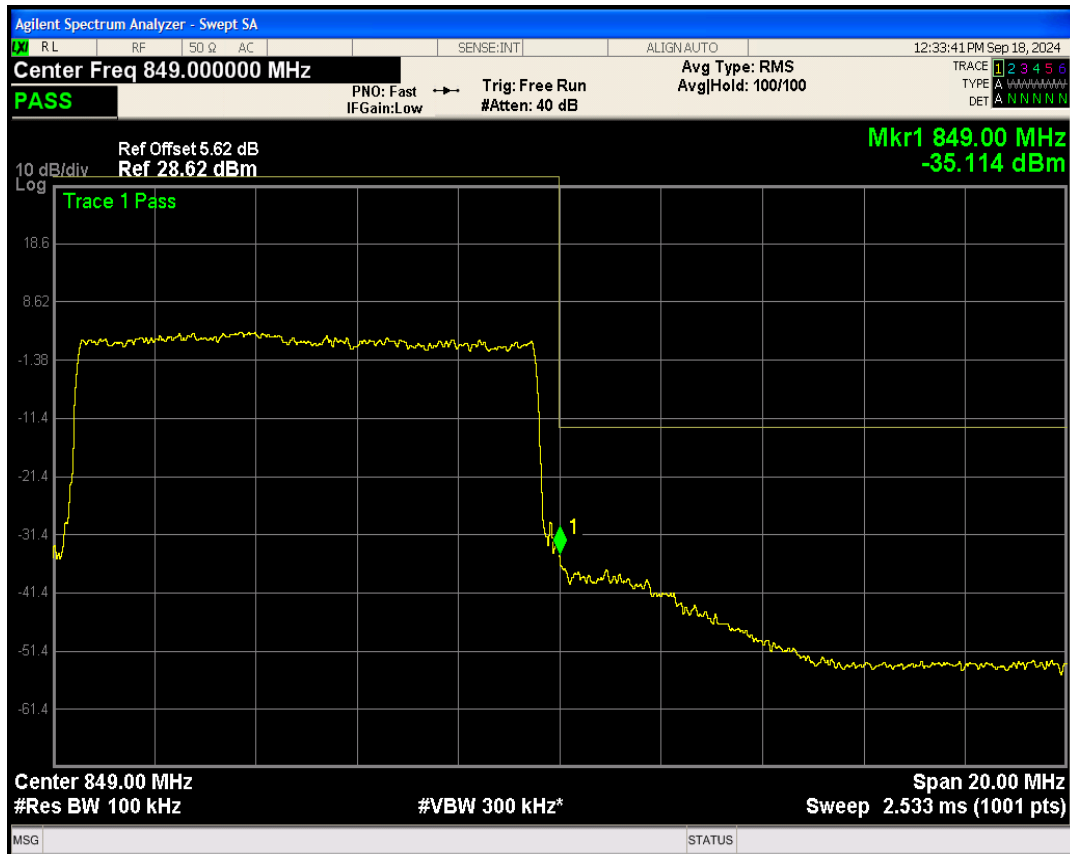
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



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



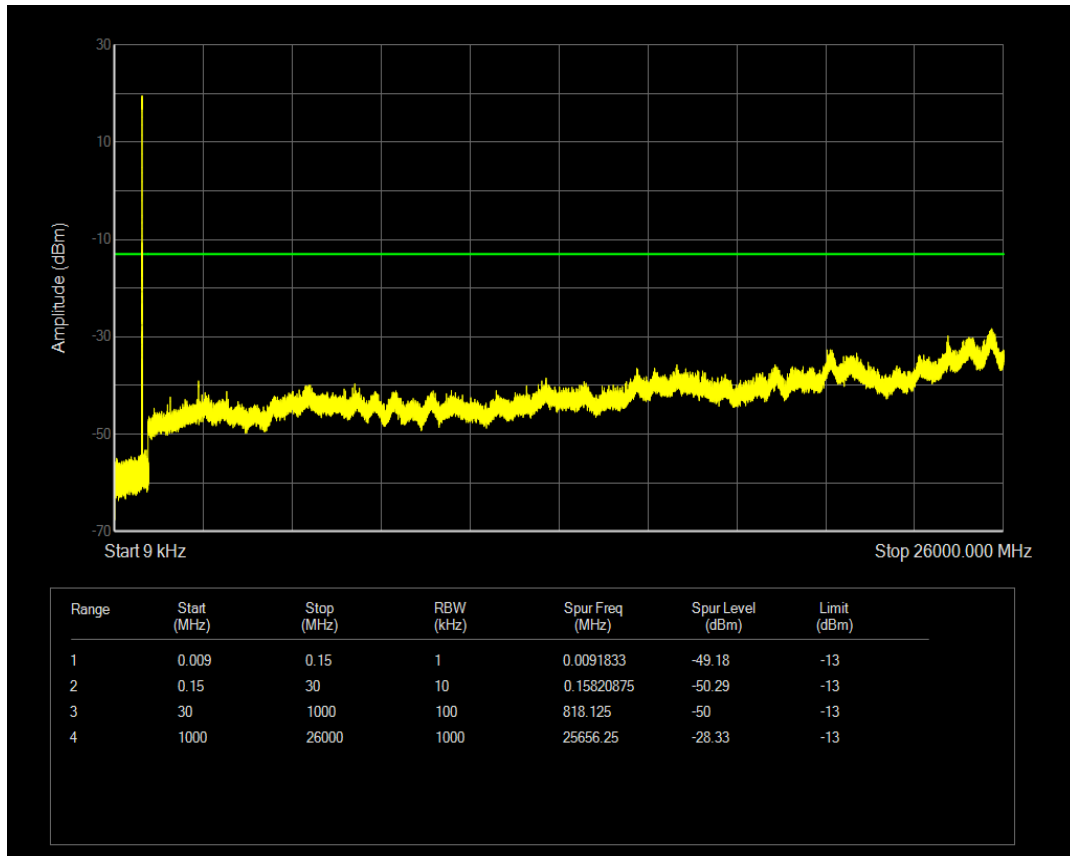
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



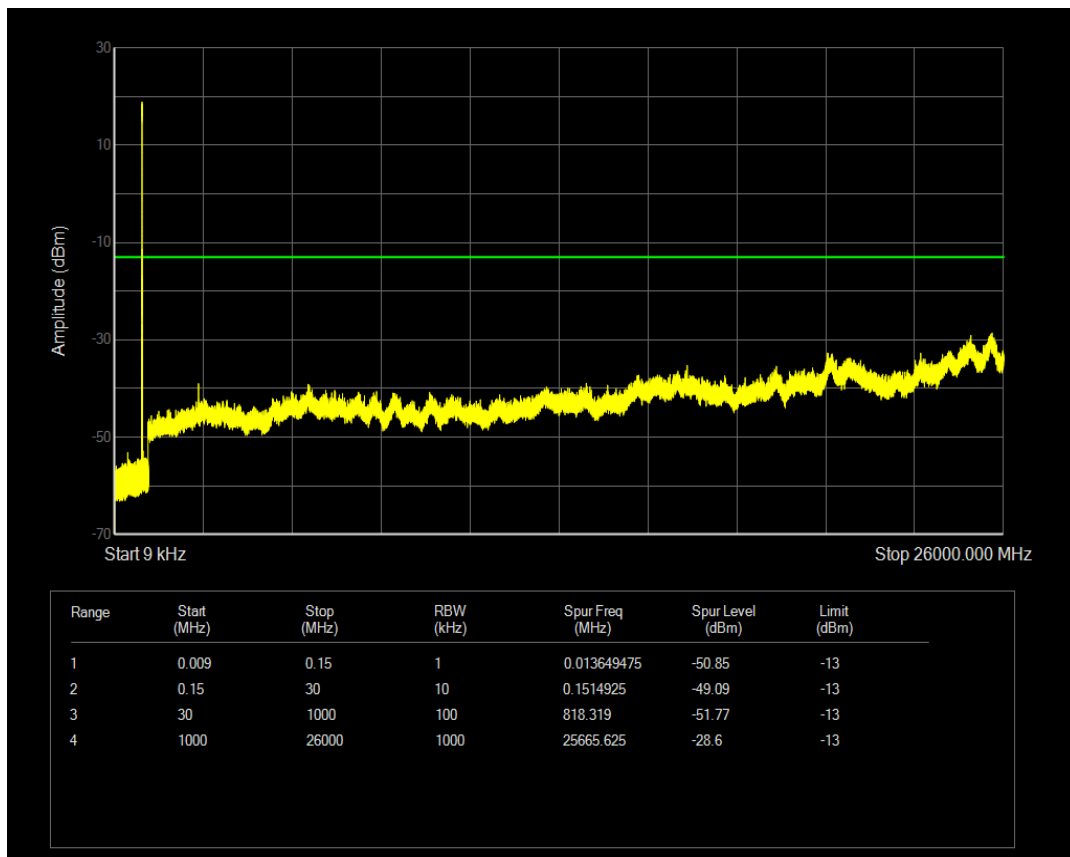
Appendix 6. Out-of-band emissions

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	25656.25	-28.33	-13	PASS
Band5	1.4	20407	6	#0	16QAM	25665.63	-28.60	-13	PASS
Band5	1.4	20525	6	#0	QPSK	25622.50	-28.14	-13	PASS
Band5	1.4	20525	6	#0	16QAM	25583.13	-28.33	-13	PASS
Band5	1.4	20643	6	#0	QPSK	25609.38	-28.29	-13	PASS
Band5	1.4	20643	6	#0	16QAM	25748.75	-28.69	-13	PASS
Band5	3	20415	15	#0	QPSK	25615.63	-27.83	-13	PASS
Band5	3	20415	15	#0	16QAM	25610.00	-28.67	-13	PASS
Band5	3	20525	15	#0	QPSK	25606.25	-27.87	-13	PASS
Band5	3	20525	15	#0	16QAM	25635.00	-27.79	-13	PASS
Band5	3	20635	15	#0	QPSK	25591.25	-28.28	-13	PASS
Band5	3	20635	15	#0	16QAM	25660.63	-28.13	-13	PASS
Band5	5	20425	25	#0	QPSK	25631.25	-28.04	-13	PASS
Band5	5	20425	25	#0	16QAM	25661.25	-28.76	-13	PASS
Band5	5	20525	25	#0	QPSK	25605.63	-28.60	-13	PASS
Band5	5	20525	25	#0	16QAM	25691.88	-28.27	-13	PASS
Band5	5	20625	25	#0	QPSK	25653.13	-27.76	-13	PASS
Band5	5	20625	25	#0	16QAM	25666.88	-28.64	-13	PASS
Band5	10	20450	50	#0	QPSK	25678.13	-28.40	-13	PASS
Band5	10	20450	50	#0	16QAM	25660.00	-28.23	-13	PASS
Band5	10	20525	50	#0	QPSK	25610.00	-28.88	-13	PASS
Band5	10	20525	50	#0	16QAM	25623.13	-28.23	-13	PASS
Band5	10	20600	50	#0	QPSK	25568.13	-27.52	-13	PASS
Band5	10	20600	50	#0	16QAM	25643.13	-28.41	-13	PASS

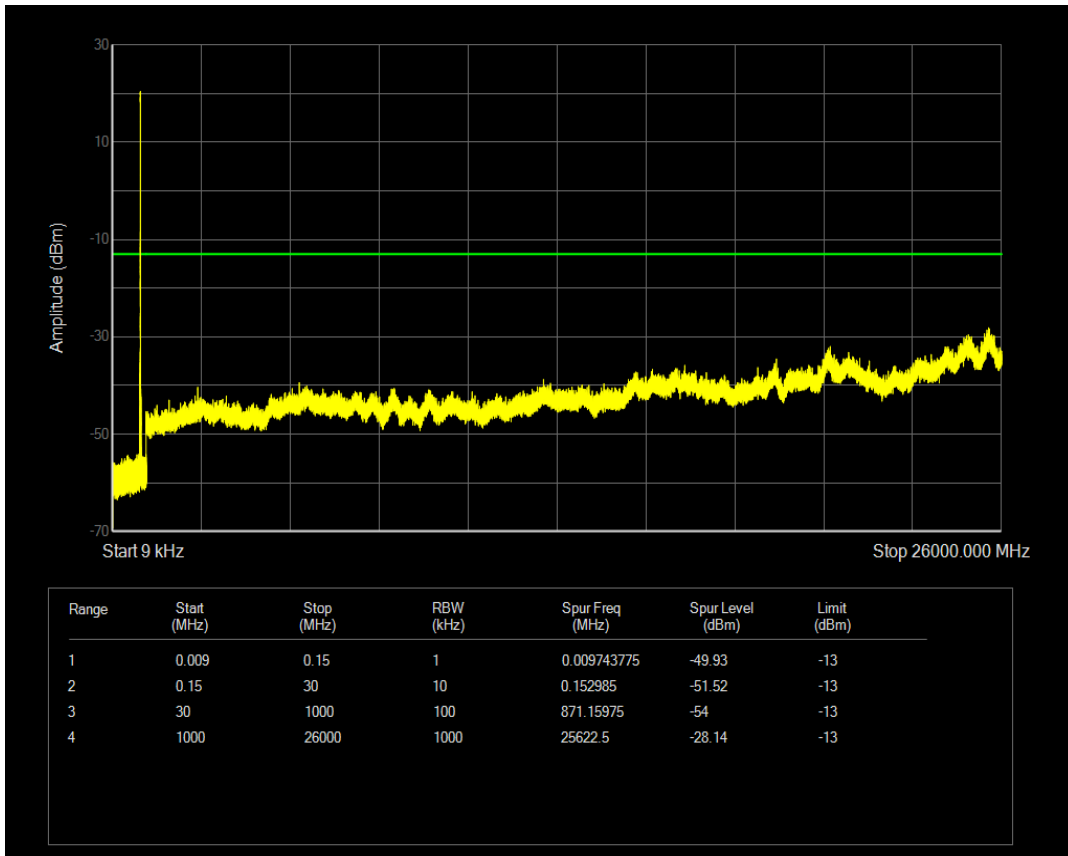
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



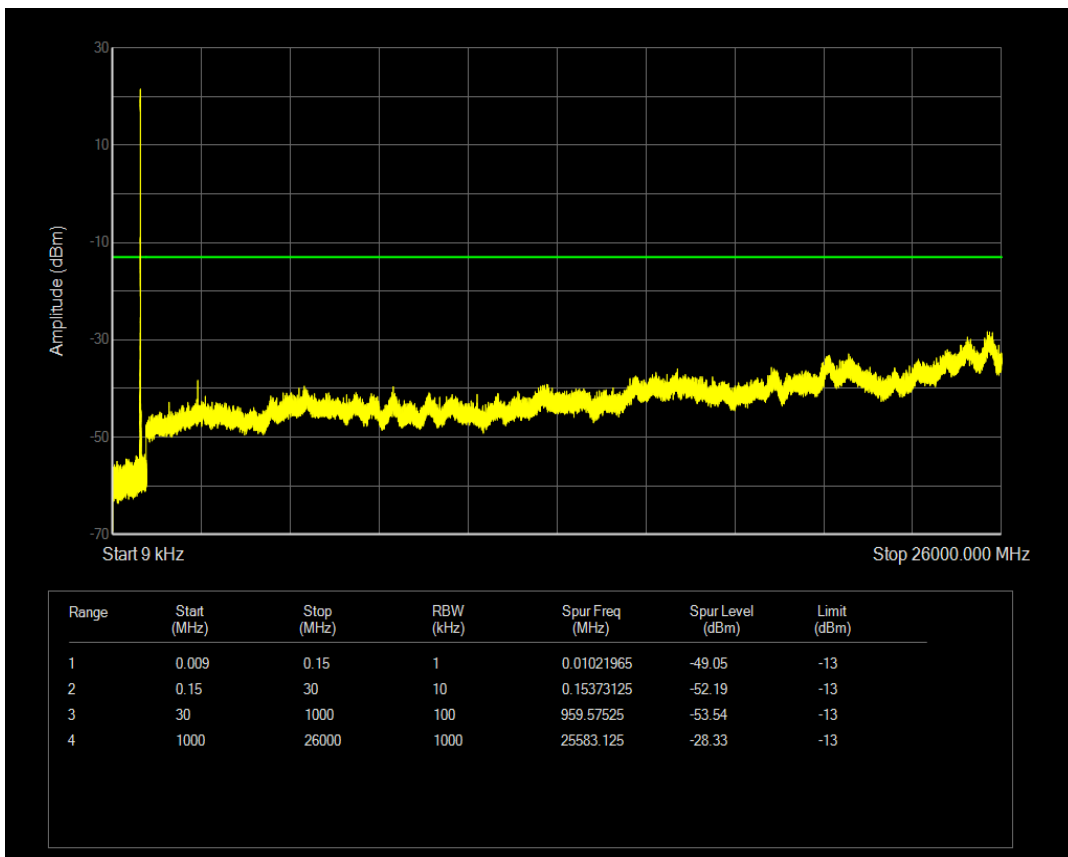
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



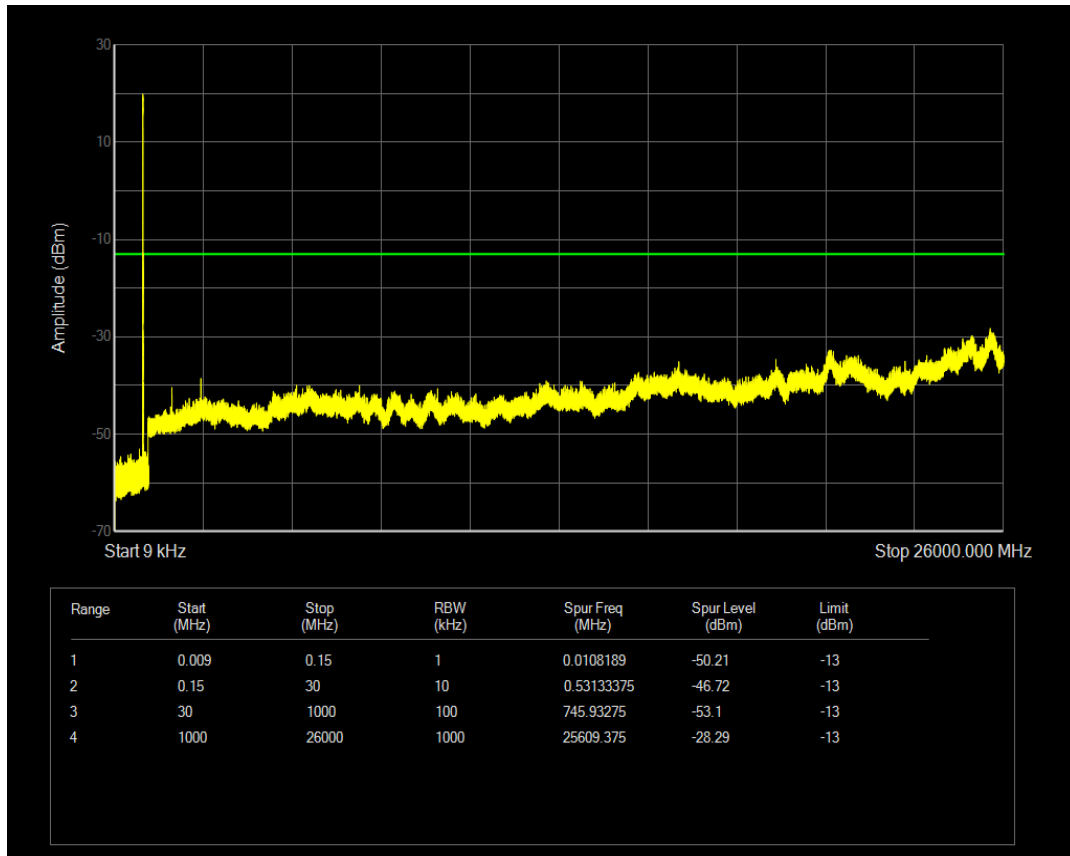
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



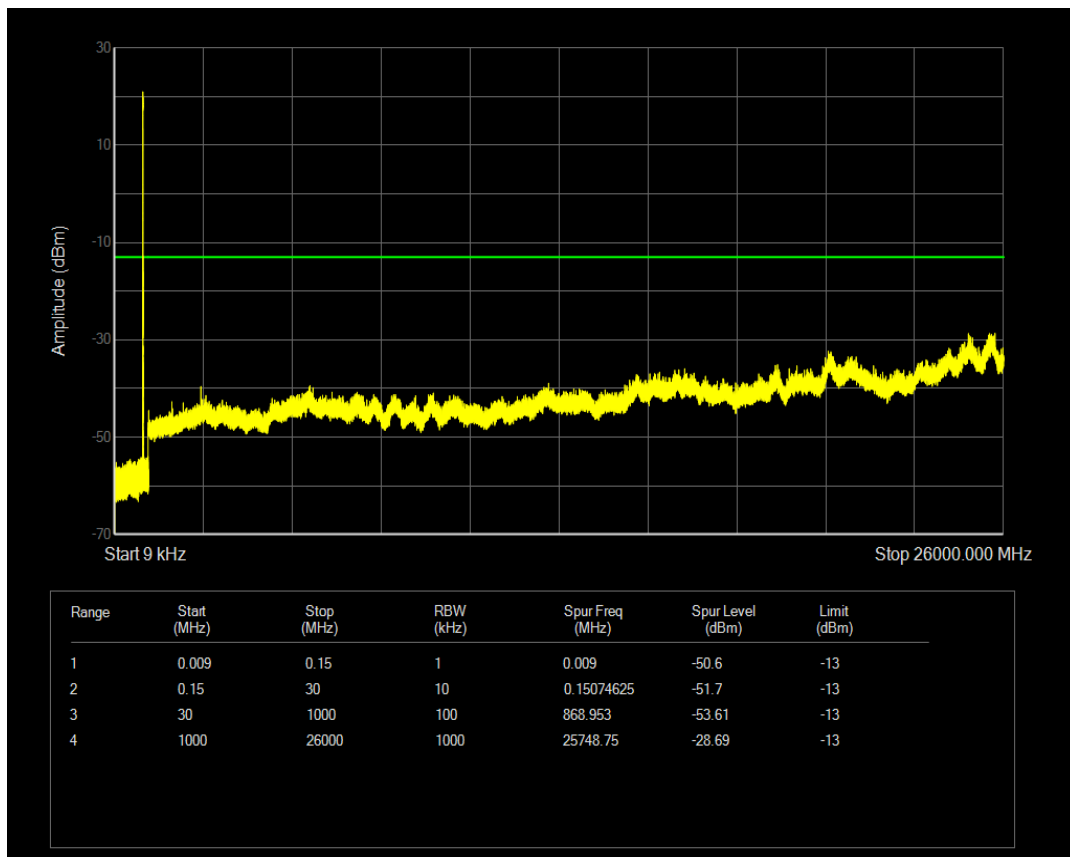
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



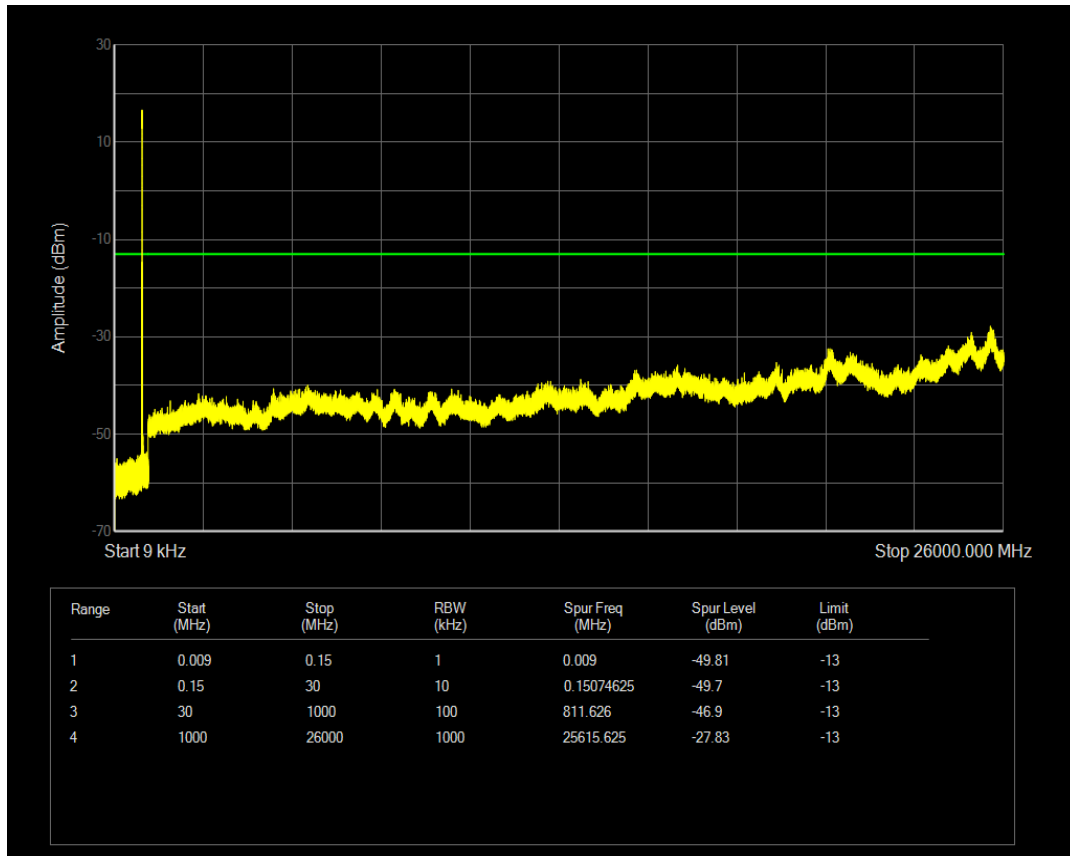
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



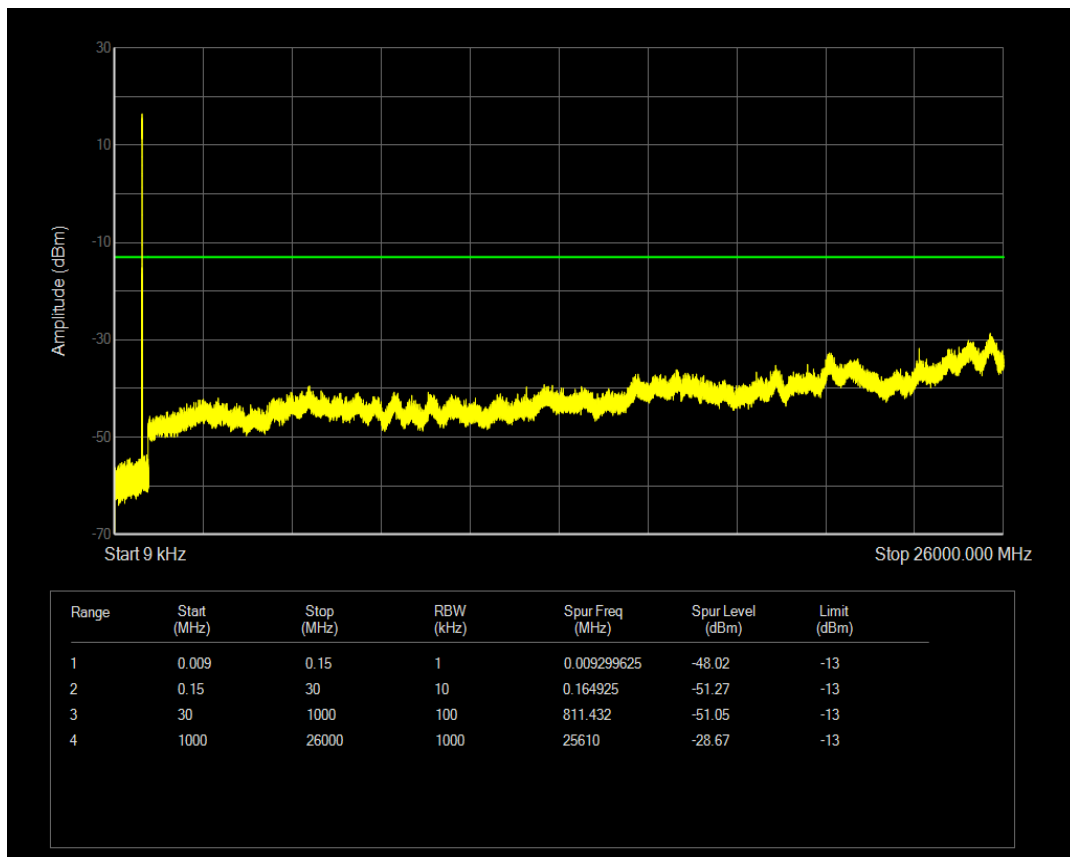
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



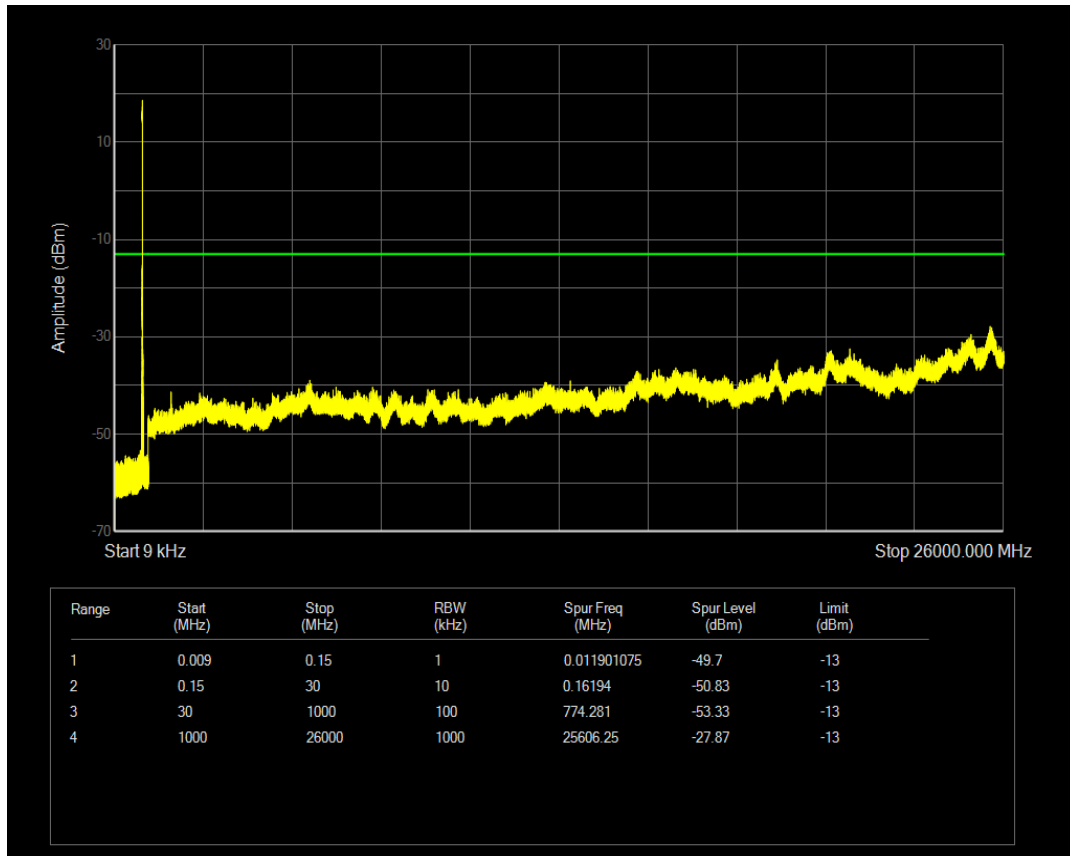
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



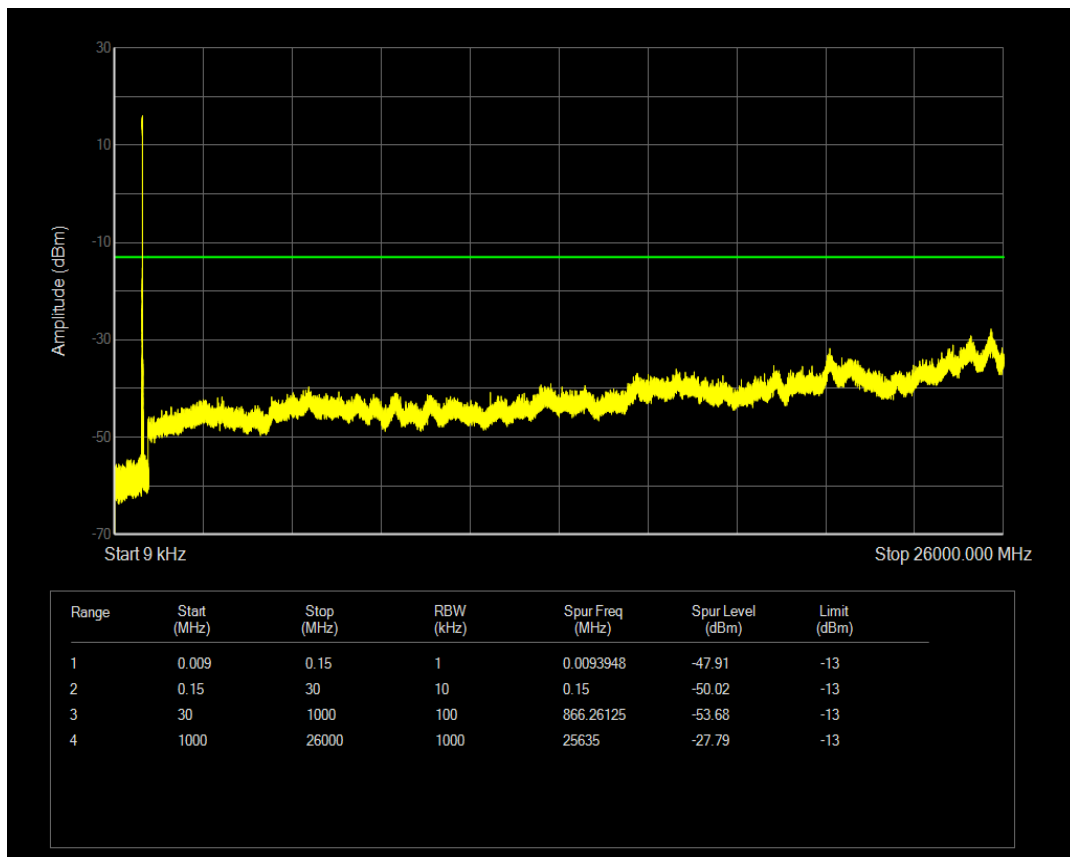
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



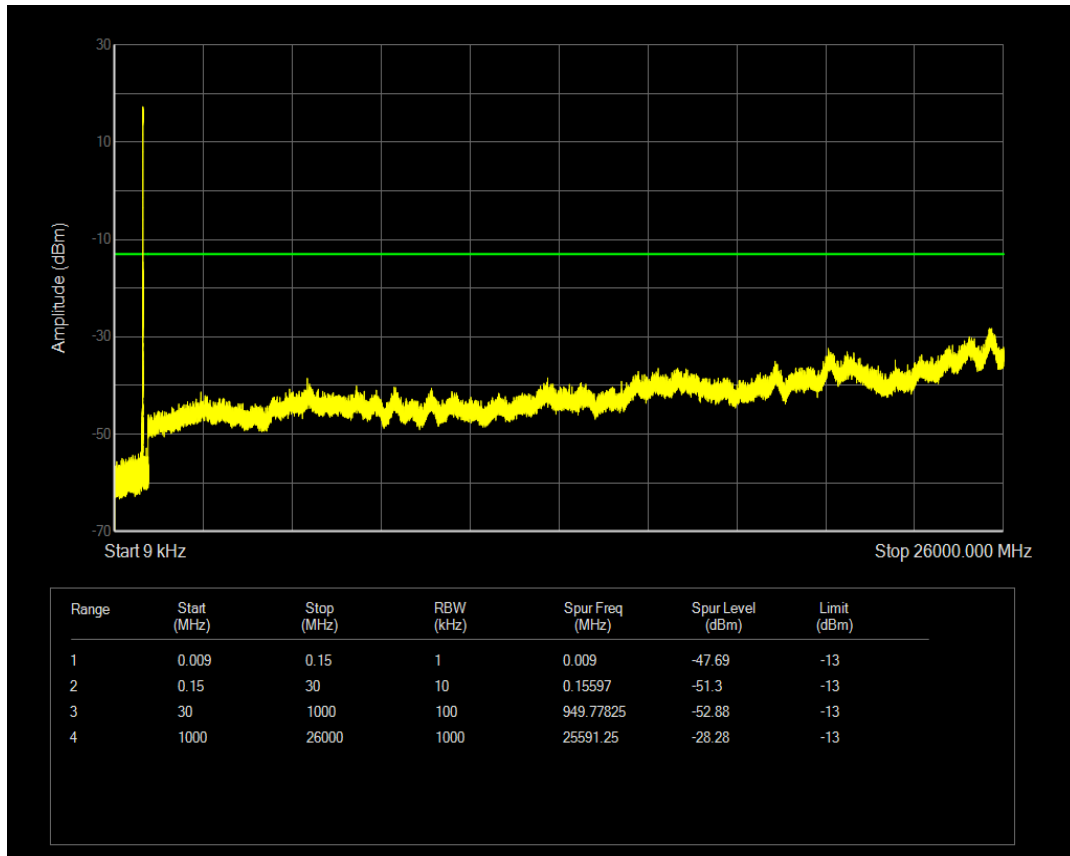
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



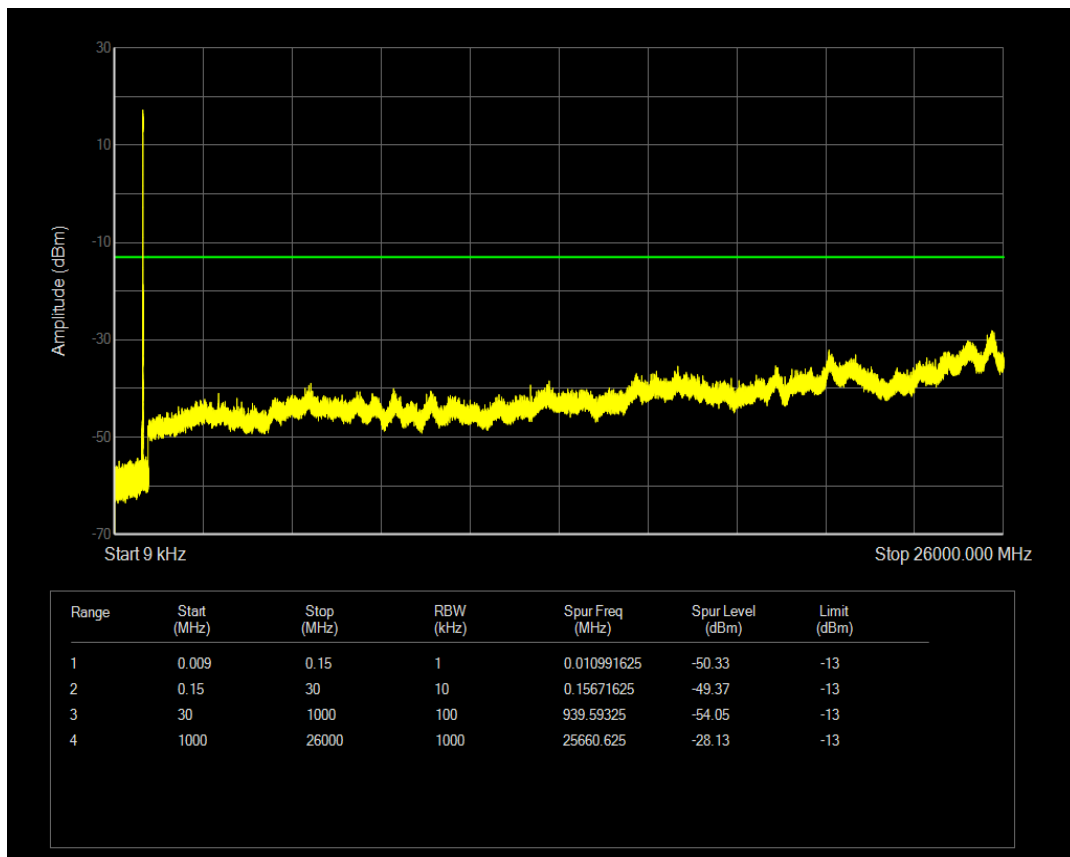
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



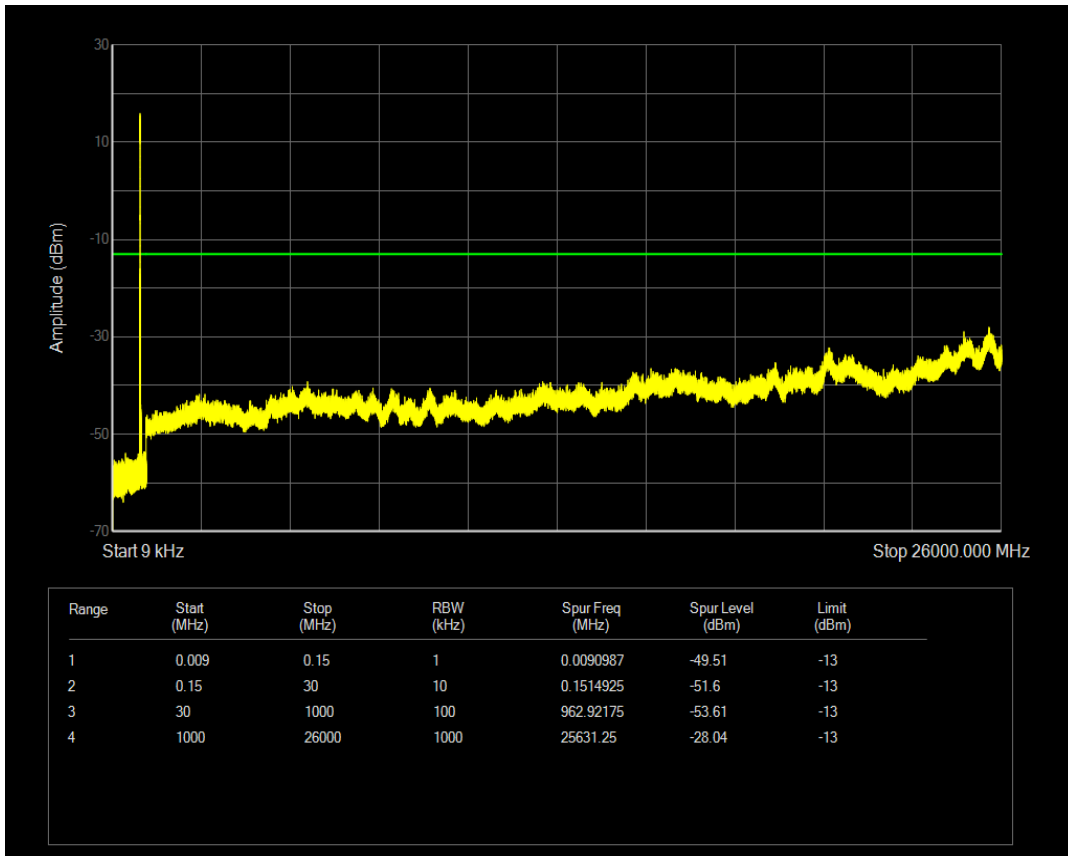
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



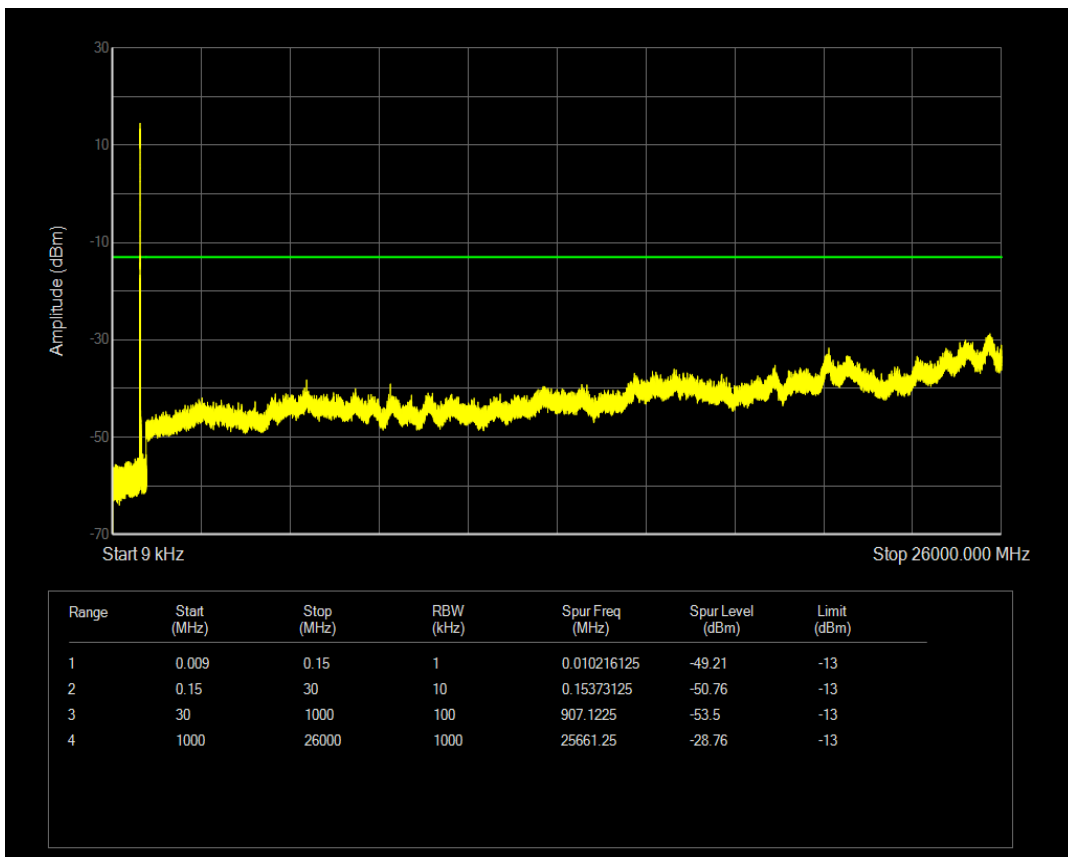
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



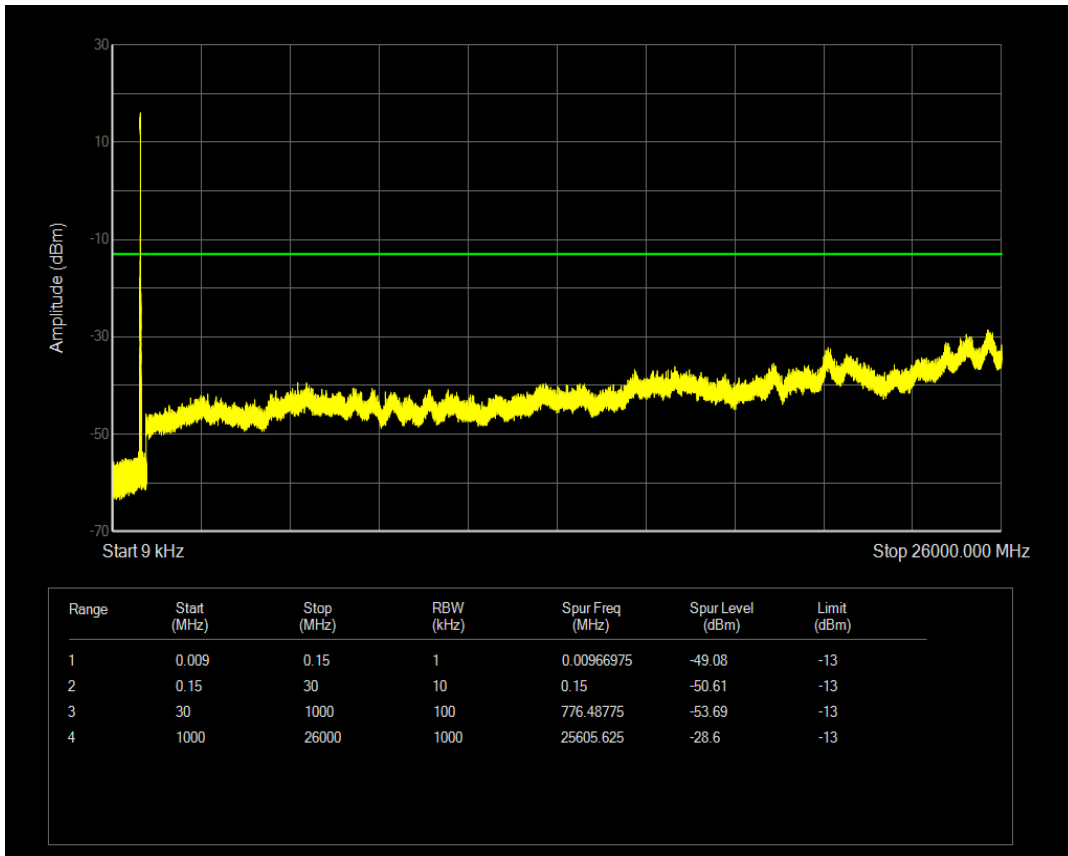
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



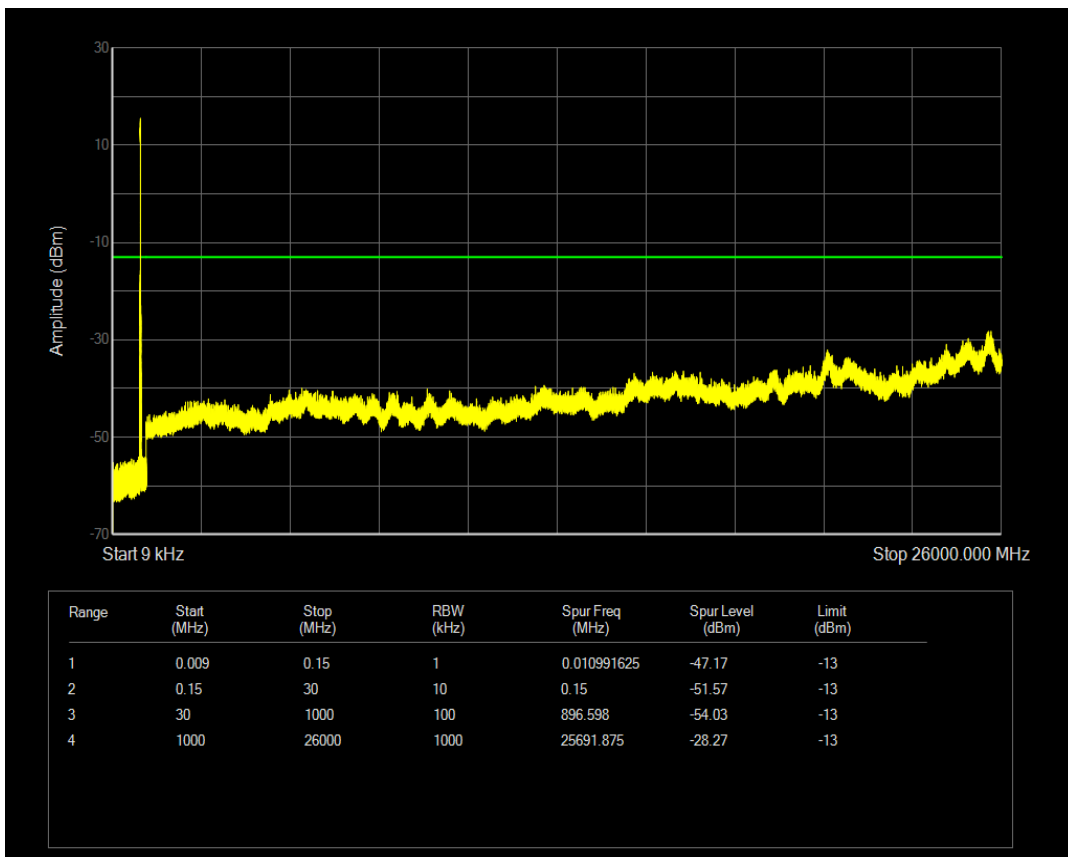
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



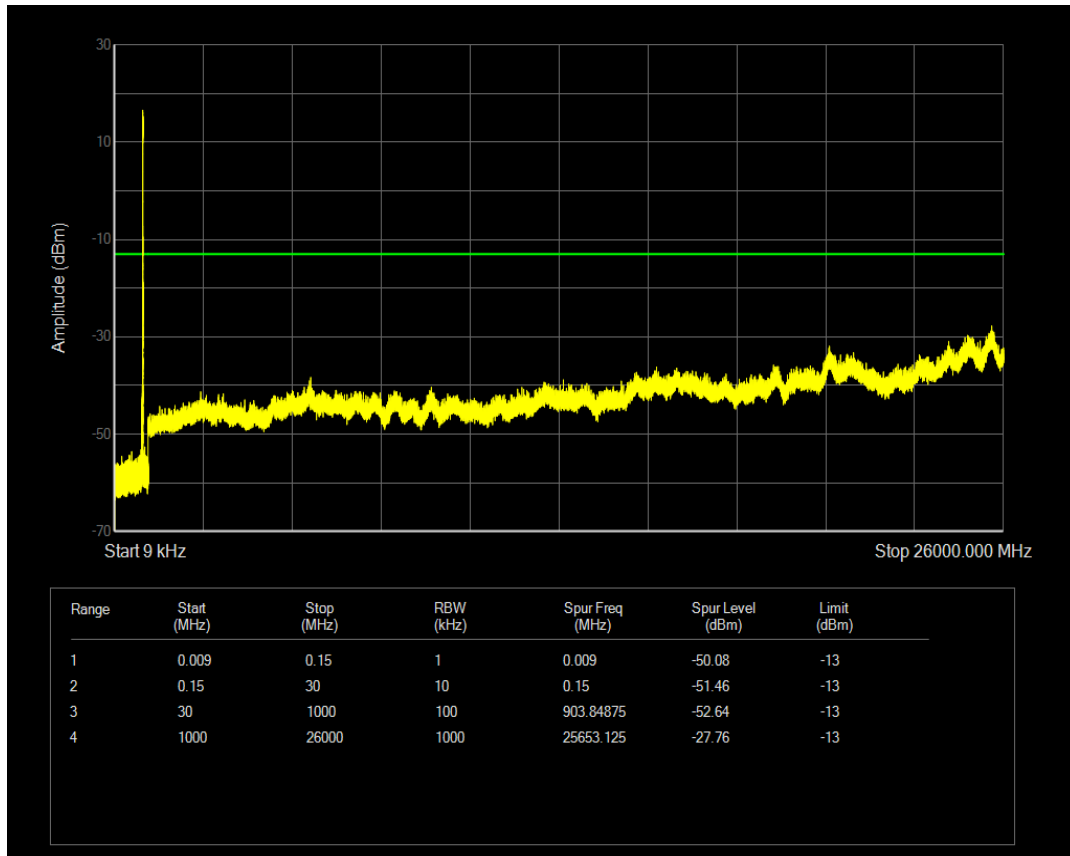
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



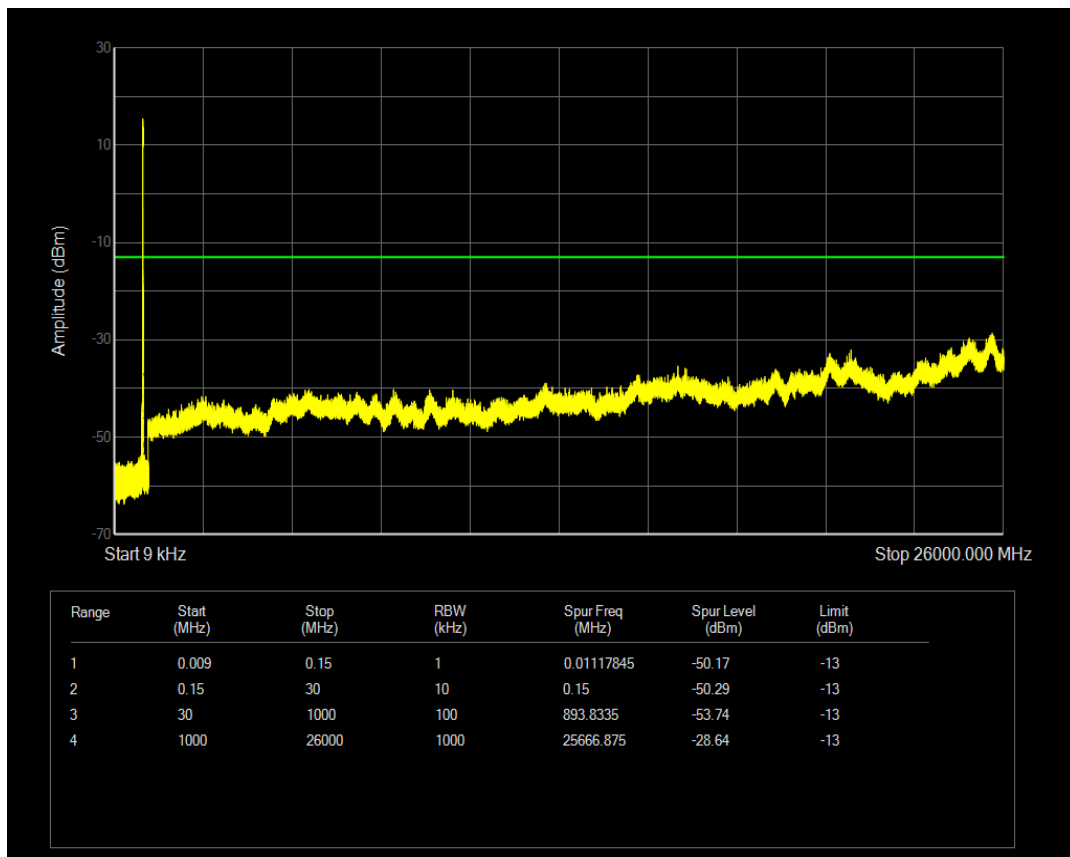
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



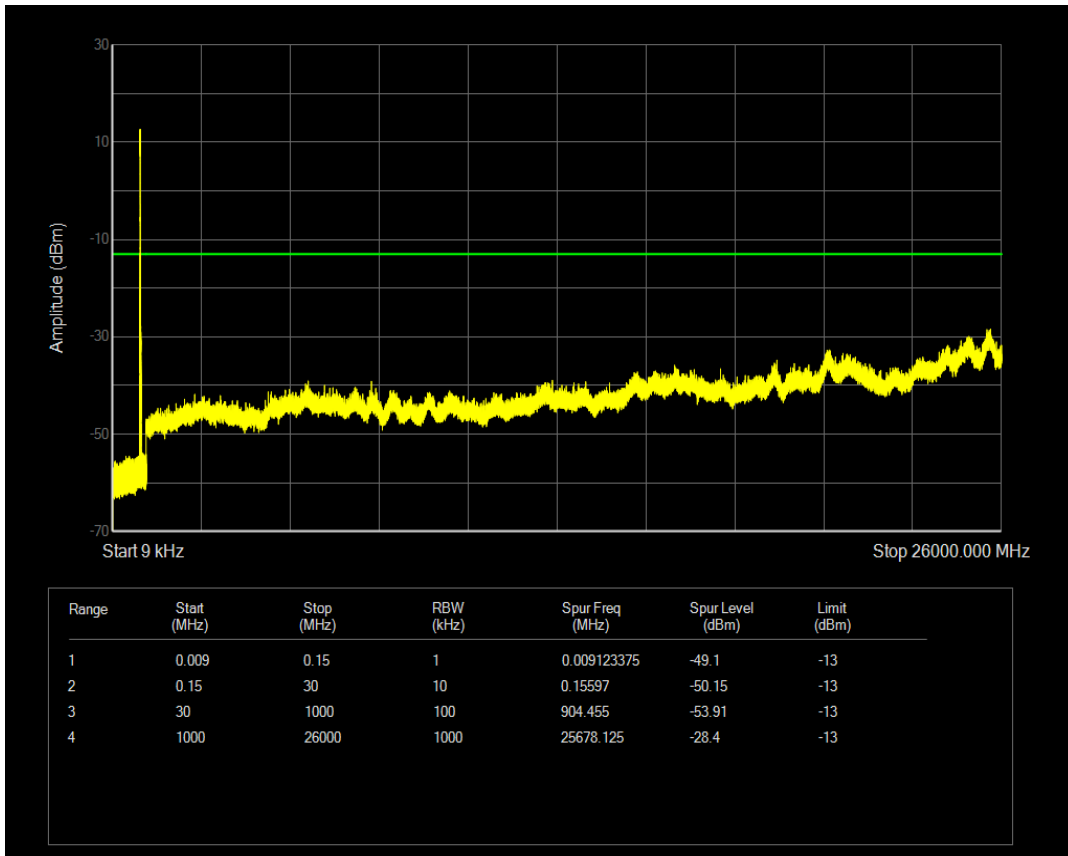
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



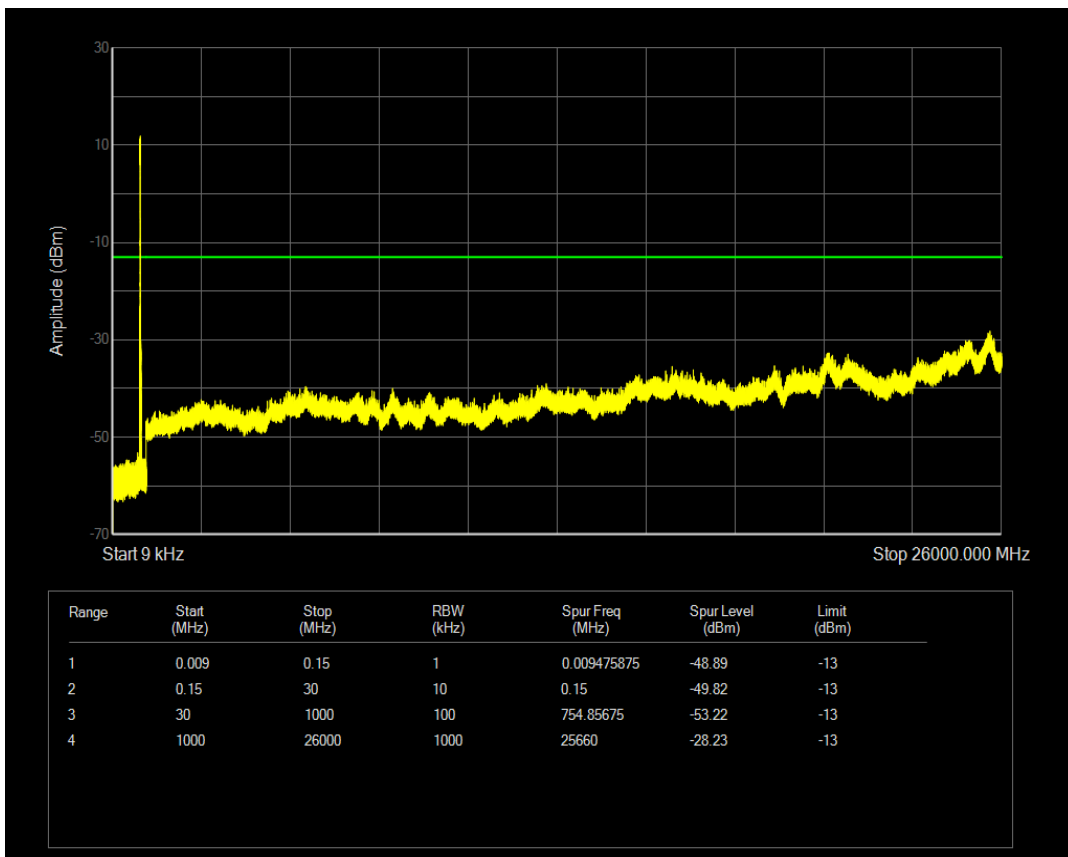
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



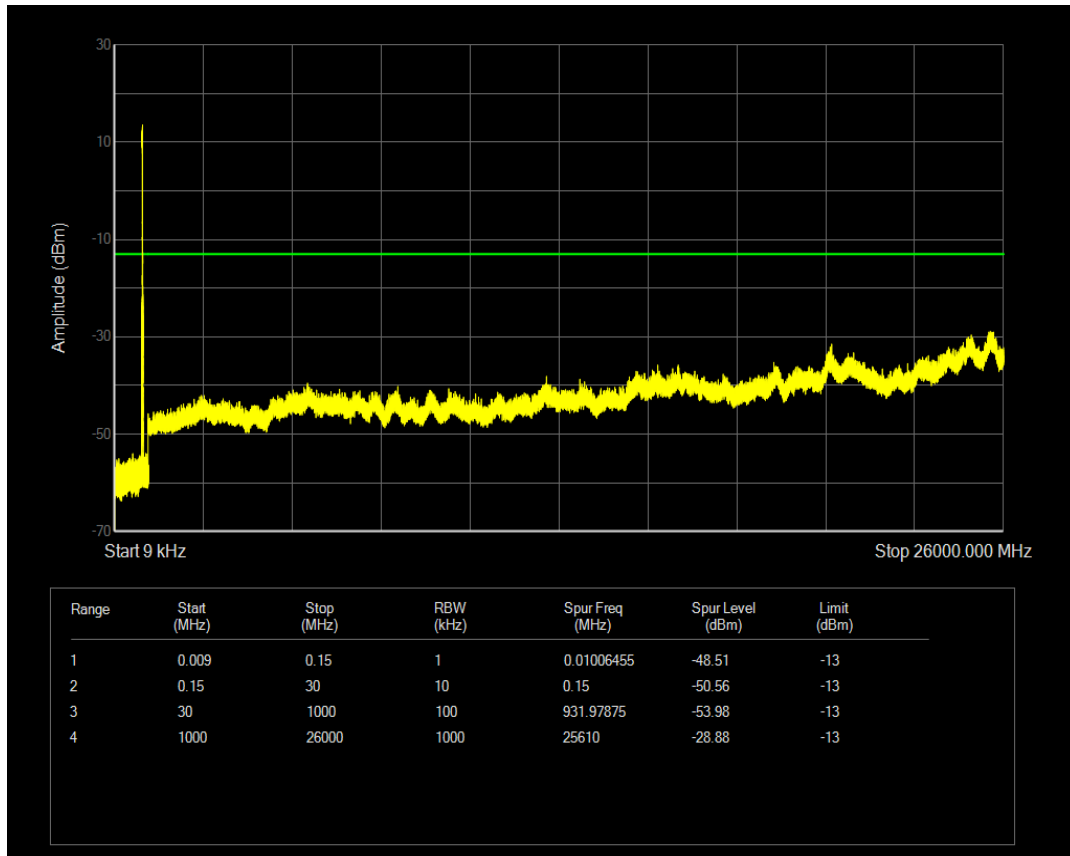
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



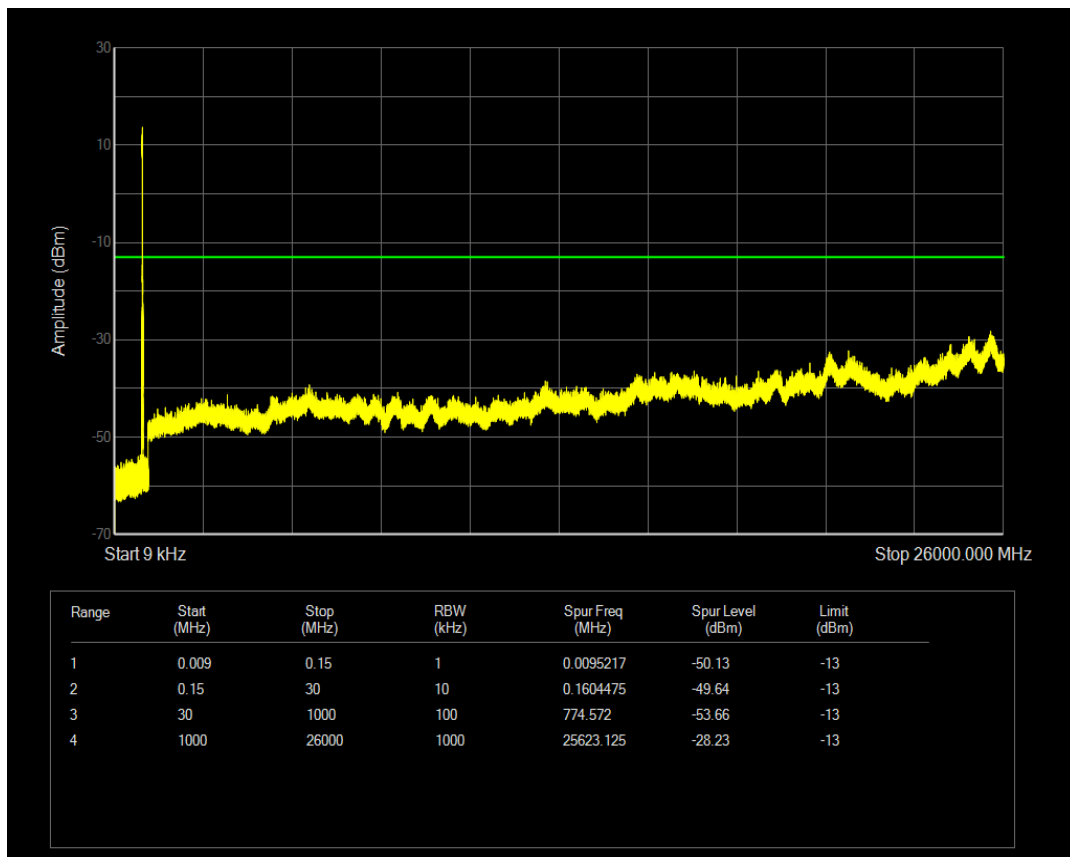
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



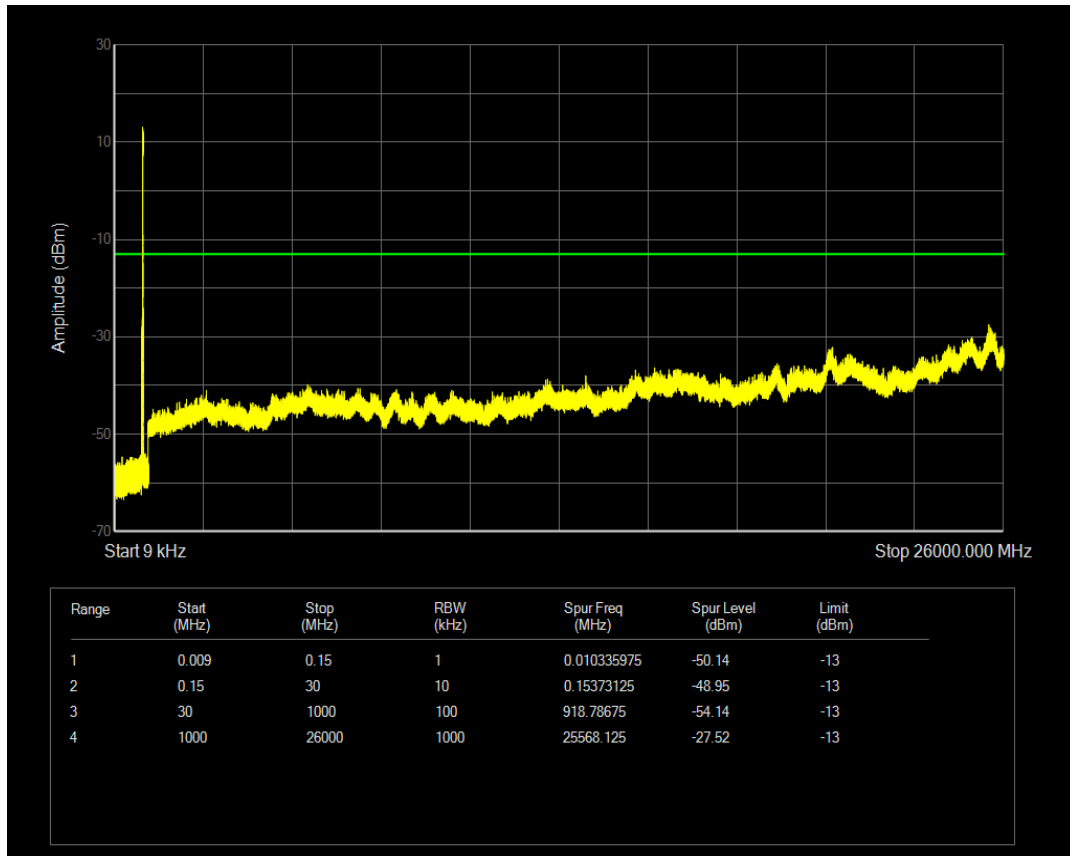
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



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

