

Appendix for Band 5

Report No.: BCTC2412907229-6E

Applicant: Shenzhen Qichang Intelligent Technology Co., Ltd

Product Name: Smart Tablet

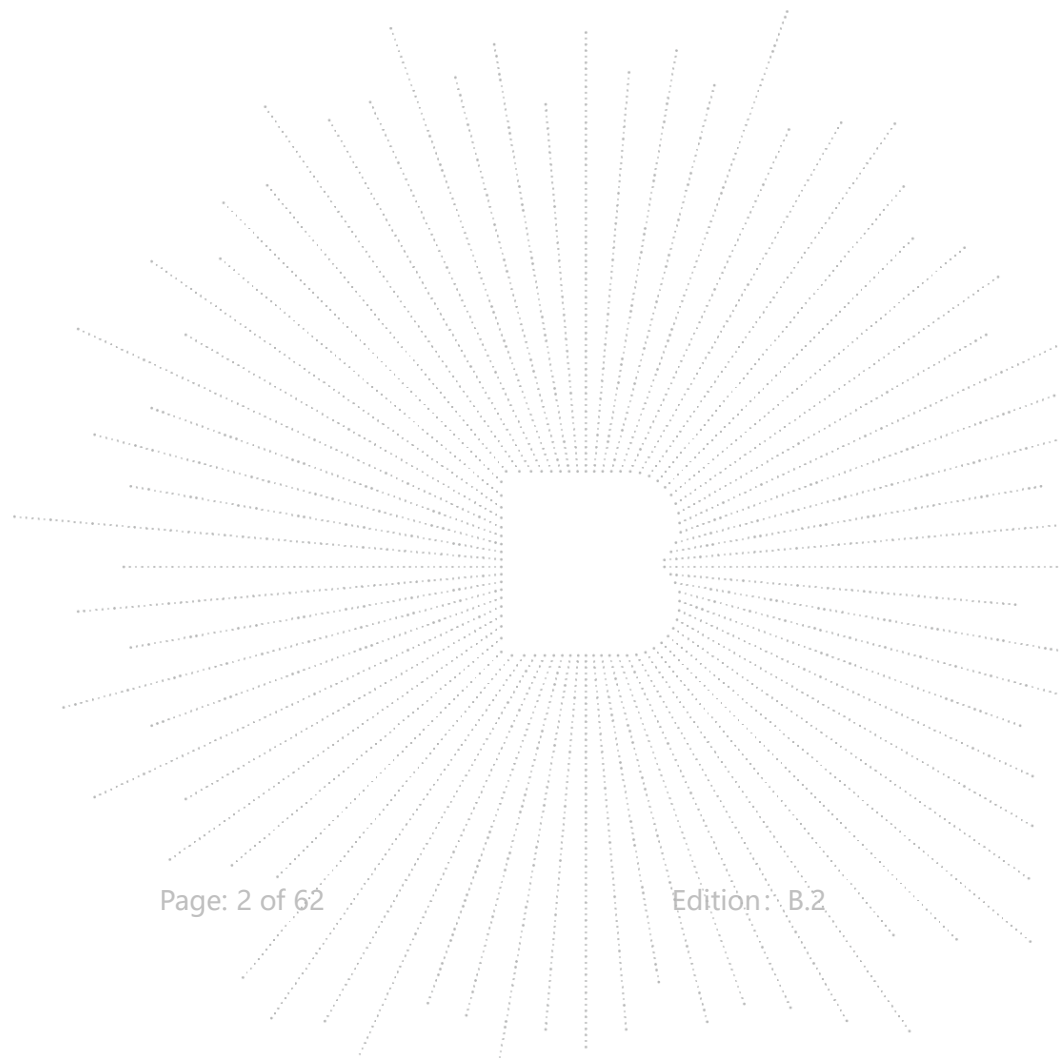
Test Model: DT3

Tested Date: 2024-12-05 to 2025-02-11

Shenzhen BCTC Testing Co., Ltd.

Contents

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



Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power

Measurement

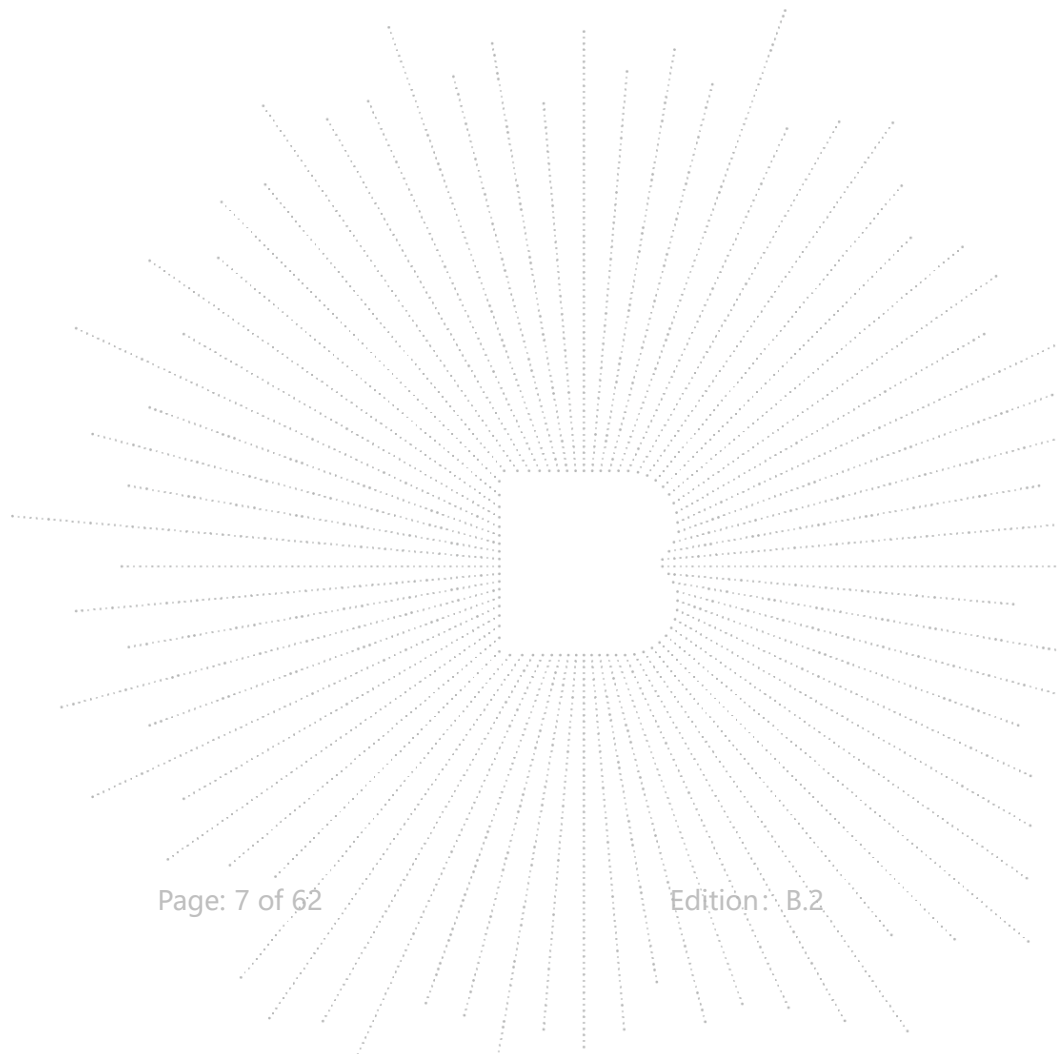
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	23.55	-0.7	20.70	PASS
Band5	1.4	20407	1	#Mid	QPSK	23.59	-0.7	20.74	PASS
Band5	1.4	20407	1	#Max	QPSK	23.57	-0.7	20.72	PASS
Band5	1.4	20407	3	#0	QPSK	23.60	-0.7	20.75	PASS
Band5	1.4	20407	3	#Mid	QPSK	23.59	-0.7	20.74	PASS
Band5	1.4	20407	3	#Max	QPSK	23.58	-0.7	20.73	PASS
Band5	1.4	20407	6	#0	QPSK	22.57	-0.7	19.72	PASS
Band5	1.4	20407	1	#0	16QAM	22.82	-0.7	19.97	PASS
Band5	1.4	20407	1	#Mid	16QAM	22.79	-0.7	19.94	PASS
Band5	1.4	20407	1	#Max	16QAM	22.83	-0.7	19.98	PASS
Band5	1.4	20407	3	#0	16QAM	22.80	-0.7	19.95	PASS
Band5	1.4	20407	3	#Mid	16QAM	22.82	-0.7	19.97	PASS
Band5	1.4	20407	3	#Max	16QAM	22.82	-0.7	19.97	PASS
Band5	1.4	20407	6	#0	16QAM	21.74	-0.7	18.89	PASS
Band5	1.4	20525	1	#0	QPSK	23.67	-0.7	20.82	PASS
Band5	1.4	20525	1	#Mid	QPSK	23.70	-0.7	20.85	PASS
Band5	1.4	20525	1	#Max	QPSK	23.69	-0.7	20.84	PASS
Band5	1.4	20525	3	#0	QPSK	23.58	-0.7	20.73	PASS
Band5	1.4	20525	3	#Mid	QPSK	23.60	-0.7	20.75	PASS
Band5	1.4	20525	3	#Max	QPSK	23.61	-0.7	20.76	PASS
Band5	1.4	20525	6	#0	QPSK	22.62	-0.7	19.77	PASS
Band5	1.4	20525	1	#0	16QAM	22.60	-0.7	19.75	PASS
Band5	1.4	20525	1	#Mid	16QAM	22.63	-0.7	19.78	PASS
Band5	1.4	20525	1	#Max	16QAM	22.66	-0.7	19.81	PASS
Band5	1.4	20525	3	#0	16QAM	22.81	-0.7	19.96	PASS
Band5	1.4	20525	3	#Mid	16QAM	22.87	-0.7	20.02	PASS
Band5	1.4	20525	3	#Max	16QAM	22.83	-0.7	19.98	PASS
Band5	1.4	20525	6	#0	16QAM	21.79	-0.7	18.94	PASS
Band5	1.4	20643	1	#0	QPSK	23.46	-0.7	20.61	PASS
Band5	1.4	20643	1	#Mid	QPSK	23.44	-0.7	20.59	PASS
Band5	1.4	20643	1	#Max	QPSK	23.44	-0.7	20.59	PASS
Band5	1.4	20643	3	#0	QPSK	23.45	-0.7	20.60	PASS
Band5	1.4	20643	3	#Mid	QPSK	23.45	-0.7	20.60	PASS
Band5	1.4	20643	3	#Max	QPSK	23.45	-0.7	20.60	PASS
Band5	1.4	20643	6	#0	QPSK	22.44	-0.7	19.59	PASS
Band5	1.4	20643	1	#0	16QAM	22.53	-0.7	19.68	PASS

Band5	1.4	20643	1	#Mid	16QAM	22.52	-0.7	19.67	PASS
Band5	1.4	20643	1	#Max	16QAM	22.51	-0.7	19.66	PASS
Band5	1.4	20643	3	#0	16QAM	22.57	-0.7	19.72	PASS
Band5	1.4	20643	3	#Mid	16QAM	22.54	-0.7	19.69	PASS
Band5	1.4	20643	3	#Max	16QAM	22.52	-0.7	19.67	PASS
Band5	1.4	20643	6	#0	16QAM	21.58	-0.7	18.73	PASS
Band5	3	20415	1	#0	QPSK	23.54	-0.7	20.69	PASS
Band5	3	20415	1	#Mid	QPSK	23.51	-0.7	20.66	PASS
Band5	3	20415	1	#Max	QPSK	23.54	-0.7	20.69	PASS
Band5	3	20415	8	#0	QPSK	22.55	-0.7	19.70	PASS
Band5	3	20415	8	#Mid	QPSK	22.53	-0.7	19.68	PASS
Band5	3	20415	8	#Max	QPSK	22.57	-0.7	19.72	PASS
Band5	3	20415	15	#0	QPSK	22.57	-0.7	19.72	PASS
Band5	3	20415	1	#0	16QAM	22.99	-0.7	20.14	PASS
Band5	3	20415	1	#Mid	16QAM	22.97	-0.7	20.12	PASS
Band5	3	20415	1	#Max	16QAM	23.04	-0.7	20.19	PASS
Band5	3	20415	8	#0	16QAM	21.57	-0.7	18.72	PASS
Band5	3	20415	8	#Mid	16QAM	21.59	-0.7	18.74	PASS
Band5	3	20415	8	#Max	16QAM	21.59	-0.7	18.74	PASS
Band5	3	20415	15	#0	16QAM	21.54	-0.7	18.69	PASS
Band5	3	20525	1	#0	QPSK	23.56	-0.7	20.71	PASS
Band5	3	20525	1	#Mid	QPSK	23.59	-0.7	20.74	PASS
Band5	3	20525	1	#Max	QPSK	23.57	-0.7	20.72	PASS
Band5	3	20525	8	#0	QPSK	22.56	-0.7	19.71	PASS
Band5	3	20525	8	#Mid	QPSK	22.55	-0.7	19.70	PASS
Band5	3	20525	8	#Max	QPSK	22.58	-0.7	19.73	PASS
Band5	3	20525	15	#0	QPSK	22.61	-0.7	19.76	PASS
Band5	3	20525	1	#0	16QAM	22.79	-0.7	19.94	PASS
Band5	3	20525	1	#Mid	16QAM	22.85	-0.7	20.00	PASS
Band5	3	20525	1	#Max	16QAM	22.80	-0.7	19.95	PASS
Band5	3	20525	8	#0	16QAM	21.63	-0.7	18.78	PASS
Band5	3	20525	8	#Mid	16QAM	21.60	-0.7	18.75	PASS
Band5	3	20525	8	#Max	16QAM	21.61	-0.7	18.76	PASS
Band5	3	20525	15	#0	16QAM	21.56	-0.7	18.71	PASS
Band5	3	20635	1	#0	QPSK	23.49	-0.7	20.64	PASS
Band5	3	20635	1	#Mid	QPSK	23.45	-0.7	20.60	PASS
Band5	3	20635	1	#Max	QPSK	23.44	-0.7	20.59	PASS
Band5	3	20635	8	#0	QPSK	22.41	-0.7	19.56	PASS
Band5	3	20635	8	#Mid	QPSK	22.36	-0.7	19.51	PASS
Band5	3	20635	8	#Max	QPSK	22.32	-0.7	19.47	PASS
Band5	3	20635	15	#0	QPSK	22.45	-0.7	19.60	PASS
Band5	3	20635	1	#0	16QAM	22.44	-0.7	19.59	PASS
Band5	3	20635	1	#Mid	16QAM	22.45	-0.7	19.60	PASS

Band5	3	20635	1	#Max	16QAM	22.42	-0.7	19.57	PASS
Band5	3	20635	8	#0	16QAM	21.49	-0.7	18.64	PASS
Band5	3	20635	8	#Mid	16QAM	21.40	-0.7	18.55	PASS
Band5	3	20635	8	#Max	16QAM	21.33	-0.7	18.48	PASS
Band5	3	20635	15	#0	16QAM	21.50	-0.7	18.65	PASS
Band5	5	20425	1	#0	QPSK	23.61	-0.7	20.76	PASS
Band5	5	20425	1	#Mid	QPSK	23.65	-0.7	20.80	PASS
Band5	5	20425	1	#Max	QPSK	23.68	-0.7	20.83	PASS
Band5	5	20425	12	#0	QPSK	22.57	-0.7	19.72	PASS
Band5	5	20425	12	#Mid	QPSK	22.59	-0.7	19.74	PASS
Band5	5	20425	12	#Max	QPSK	22.62	-0.7	19.77	PASS
Band5	5	20425	25	#0	QPSK	22.66	-0.7	19.81	PASS
Band5	5	20425	1	#0	16QAM	23.15	-0.7	20.30	PASS
Band5	5	20425	1	#Mid	16QAM	23.20	-0.7	20.35	PASS
Band5	5	20425	1	#Max	16QAM	23.23	-0.7	20.38	PASS
Band5	5	20425	12	#0	16QAM	21.62	-0.7	18.77	PASS
Band5	5	20425	12	#Mid	16QAM	21.64	-0.7	18.79	PASS
Band5	5	20425	12	#Max	16QAM	21.68	-0.7	18.83	PASS
Band5	5	20425	25	#0	16QAM	21.59	-0.7	18.74	PASS
Band5	5	20525	1	#0	QPSK	23.65	-0.7	20.80	PASS
Band5	5	20525	1	#Mid	QPSK	23.71	-0.7	20.86	PASS
Band5	5	20525	1	#Max	QPSK	23.71	-0.7	20.86	PASS
Band5	5	20525	12	#0	QPSK	22.64	-0.7	19.79	PASS
Band5	5	20525	12	#Mid	QPSK	22.59	-0.7	19.74	PASS
Band5	5	20525	12	#Max	QPSK	22.59	-0.7	19.74	PASS
Band5	5	20525	25	#0	QPSK	22.66	-0.7	19.81	PASS
Band5	5	20525	1	#0	16QAM	22.93	-0.7	20.08	PASS
Band5	5	20525	1	#Mid	16QAM	22.98	-0.7	20.13	PASS
Band5	5	20525	1	#Max	16QAM	23.00	-0.7	20.15	PASS
Band5	5	20525	12	#0	16QAM	21.62	-0.7	18.77	PASS
Band5	5	20525	12	#Mid	16QAM	21.58	-0.7	18.73	PASS
Band5	5	20525	12	#Max	16QAM	21.59	-0.7	18.74	PASS
Band5	5	20525	25	#0	16QAM	21.67	-0.7	18.82	PASS
Band5	5	20625	1	#0	QPSK	23.52	-0.7	20.67	PASS
Band5	5	20625	1	#Mid	QPSK	23.49	-0.7	20.64	PASS
Band5	5	20625	1	#Max	QPSK	23.40	-0.7	20.55	PASS
Band5	5	20625	12	#0	QPSK	22.52	-0.7	19.67	PASS
Band5	5	20625	12	#Mid	QPSK	22.49	-0.7	19.64	PASS
Band5	5	20625	12	#Max	QPSK	22.42	-0.7	19.57	PASS
Band5	5	20625	25	#0	QPSK	22.51	-0.7	19.66	PASS
Band5	5	20625	1	#0	16QAM	22.92	-0.7	20.07	PASS
Band5	5	20625	1	#Mid	16QAM	22.99	-0.7	20.14	PASS
Band5	5	20625	1	#Max	16QAM	22.91	-0.7	20.06	PASS

Band5	5	20625	12	#0	16QAM	21.53	-0.7	18.68	PASS
Band5	5	20625	12	#Mid	16QAM	21.49	-0.7	18.64	PASS
Band5	5	20625	12	#Max	16QAM	21.41	-0.7	18.56	PASS
Band5	5	20625	25	#0	16QAM	21.50	-0.7	18.65	PASS
Band5	10	20450	1	#0	QPSK	23.58	-0.7	20.73	PASS
Band5	10	20450	1	#Mid	QPSK	23.59	-0.7	20.74	PASS
Band5	10	20450	1	#Max	QPSK	23.64	-0.7	20.79	PASS
Band5	10	20450	25	#0	QPSK	22.60	-0.7	19.75	PASS
Band5	10	20450	25	#Mid	QPSK	22.66	-0.7	19.81	PASS
Band5	10	20450	25	#Max	QPSK	22.64	-0.7	19.79	PASS
Band5	10	20450	50	#0	QPSK	22.60	-0.7	19.75	PASS
Band5	10	20450	1	#0	16QAM	23.02	-0.7	20.17	PASS
Band5	10	20450	1	#Mid	16QAM	23.05	-0.7	20.20	PASS
Band5	10	20450	1	#Max	16QAM	23.07	-0.7	20.22	PASS
Band5	10	20450	25	#0	16QAM	21.61	-0.7	18.76	PASS
Band5	10	20450	25	#Mid	16QAM	21.65	-0.7	18.80	PASS
Band5	10	20450	25	#Max	16QAM	21.64	-0.7	18.79	PASS
Band5	10	20450	50	#0	16QAM	21.57	-0.7	18.72	PASS
Band5	10	20525	1	#0	QPSK	23.66	-0.7	20.81	PASS
Band5	10	20525	1	#Mid	QPSK	23.64	-0.7	20.79	PASS
Band5	10	20525	1	#Max	QPSK	23.63	-0.7	20.78	PASS
Band5	10	20525	25	#0	QPSK	22.67	-0.7	19.82	PASS
Band5	10	20525	25	#Mid	QPSK	22.63	-0.7	19.78	PASS
Band5	10	20525	25	#Max	QPSK	22.63	-0.7	19.78	PASS
Band5	10	20525	50	#0	QPSK	22.63	-0.7	19.78	PASS
Band5	10	20525	1	#0	16QAM	22.83	-0.7	19.98	PASS
Band5	10	20525	1	#Mid	16QAM	22.85	-0.7	20.00	PASS
Band5	10	20525	1	#Max	16QAM	22.81	-0.7	19.96	PASS
Band5	10	20525	25	#0	16QAM	21.64	-0.7	18.79	PASS
Band5	10	20525	25	#Mid	16QAM	21.61	-0.7	18.76	PASS
Band5	10	20525	25	#Max	16QAM	21.60	-0.7	18.75	PASS
Band5	10	20525	50	#0	16QAM	21.69	-0.7	18.84	PASS
Band5	10	20600	1	#0	QPSK	23.70	-0.7	20.85	PASS
Band5	10	20600	1	#Mid	QPSK	23.60	-0.7	20.75	PASS
Band5	10	20600	1	#Max	QPSK	23.51	-0.7	20.66	PASS
Band5	10	20600	25	#0	QPSK	22.56	-0.7	19.71	PASS
Band5	10	20600	25	#Mid	QPSK	22.53	-0.7	19.68	PASS
Band5	10	20600	25	#Max	QPSK	22.40	-0.7	19.55	PASS
Band5	10	20600	50	#0	QPSK	22.50	-0.7	19.65	PASS
Band5	10	20600	1	#0	16QAM	22.61	-0.7	19.76	PASS
Band5	10	20600	1	#Mid	16QAM	22.44	-0.7	19.59	PASS
Band5	10	20600	1	#Max	16QAM	22.50	-0.7	19.65	PASS
Band5	10	20600	25	#0	16QAM	21.55	-0.7	18.70	PASS

Band5	10	20600	25	#Mid	16QAM	21.48	-0.7	18.63	PASS
Band5	10	20600	25	#Max	16QAM	21.39	-0.7	18.54	PASS
Band5	10	20600	50	#0	16QAM	21.48	-0.7	18.63	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	-4.02	-0.005	PASS
Band5	1.4	20407	6	#0	QPSK	NV	NT	-2.57	-0.003	PASS
Band5	1.4	20407	6	#0	QPSK	HV	NT	-5.01	-0.006	PASS
Band5	1.4	20407	6	#0	16QAM	LV	NT	-1.85	-0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	NT	-3.36	-0.004	PASS
Band5	1.4	20407	6	#0	16QAM	HV	NT	-5.66	-0.007	PASS
Band5	1.4	20525	6	#0	QPSK	LV	NT	-5.52	-0.007	PASS
Band5	1.4	20525	6	#0	QPSK	NV	NT	-6.01	-0.007	PASS
Band5	1.4	20525	6	#0	QPSK	HV	NT	-4.81	-0.006	PASS
Band5	1.4	20525	6	#0	16QAM	LV	NT	-3.35	-0.004	PASS
Band5	1.4	20525	6	#0	16QAM	NV	NT	-5.25	-0.006	PASS
Band5	1.4	20525	6	#0	16QAM	HV	NT	-3.45	-0.004	PASS
Band5	1.4	20643	6	#0	QPSK	LV	NT	-1.30	-0.002	PASS
Band5	1.4	20643	6	#0	QPSK	NV	NT	-1.29	-0.002	PASS
Band5	1.4	20643	6	#0	QPSK	HV	NT	-1.76	-0.002	PASS
Band5	1.4	20643	6	#0	16QAM	LV	NT	-2.75	-0.003	PASS
Band5	1.4	20643	6	#0	16QAM	NV	NT	-4.09	-0.005	PASS
Band5	1.4	20643	6	#0	16QAM	HV	NT	-2.79	-0.003	PASS
Band5	3	20415	15	#0	QPSK	LV	NT	0.60	0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	NT	-2.50	-0.003	PASS
Band5	3	20415	15	#0	QPSK	HV	NT	-3.78	-0.005	PASS
Band5	3	20415	15	#0	16QAM	LV	NT	-3.48	-0.004	PASS
Band5	3	20415	15	#0	16QAM	NV	NT	-3.23	-0.004	PASS
Band5	3	20415	15	#0	16QAM	HV	NT	-2.55	-0.003	PASS
Band5	3	20525	15	#0	QPSK	LV	NT	-4.99	-0.006	PASS
Band5	3	20525	15	#0	QPSK	NV	NT	-2.68	-0.003	PASS
Band5	3	20525	15	#0	QPSK	HV	NT	-2.05	-0.002	PASS
Band5	3	20525	15	#0	16QAM	LV	NT	-0.24	0.000	PASS
Band5	3	20525	15	#0	16QAM	NV	NT	-0.19	0.000	PASS
Band5	3	20525	15	#0	16QAM	HV	NT	-1.92	-0.002	PASS
Band5	3	20635	15	#0	QPSK	LV	NT	-0.84	-0.001	PASS
Band5	3	20635	15	#0	QPSK	NV	NT	-3.71	-0.004	PASS
Band5	3	20635	15	#0	QPSK	HV	NT	-1.93	-0.002	PASS
Band5	3	20635	15	#0	16QAM	LV	NT	-2.17	-0.003	PASS
Band5	3	20635	15	#0	16QAM	NV	NT	-4.25	-0.005	PASS
Band5	3	20635	15	#0	16QAM	HV	NT	-2.06	-0.002	PASS
Band5	5	20425	25	#0	QPSK	LV	NT	-0.62	-0.001	PASS
Band5	5	20425	25	#0	QPSK	NV	NT	-1.53	-0.002	PASS

Band5	5	20425	25	#0	QPSK	HV	NT	-2.75	-0.003	PASS
Band5	5	20425	25	#0	16QAM	LV	NT	-1.54	-0.002	PASS
Band5	5	20425	25	#0	16QAM	NV	NT	-0.94	-0.001	PASS
Band5	5	20425	25	#0	16QAM	HV	NT	0.03	0.000	PASS
Band5	5	20525	25	#0	QPSK	LV	NT	-2.17	-0.003	PASS
Band5	5	20525	25	#0	QPSK	NV	NT	-0.34	0.000	PASS
Band5	5	20525	25	#0	QPSK	HV	NT	-0.76	-0.001	PASS
Band5	5	20525	25	#0	16QAM	LV	NT	-0.29	0.000	PASS
Band5	5	20525	25	#0	16QAM	NV	NT	-4.46	-0.005	PASS
Band5	5	20525	25	#0	16QAM	HV	NT	-2.43	-0.003	PASS
Band5	5	20625	25	#0	QPSK	LV	NT	-2.90	-0.003	PASS
Band5	5	20625	25	#0	QPSK	NV	NT	-1.73	-0.002	PASS
Band5	5	20625	25	#0	QPSK	HV	NT	-1.00	-0.001	PASS
Band5	5	20625	25	#0	16QAM	LV	NT	-1.33	-0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	NT	-2.09	-0.002	PASS
Band5	5	20625	25	#0	16QAM	HV	NT	-0.17	0.000	PASS
Band5	10	20450	50	#0	QPSK	LV	NT	-4.29	-0.005	PASS
Band5	10	20450	50	#0	QPSK	NV	NT	-2.49	-0.003	PASS
Band5	10	20450	50	#0	QPSK	HV	NT	-2.73	-0.003	PASS
Band5	10	20450	50	#0	16QAM	LV	NT	-2.20	-0.003	PASS
Band5	10	20450	50	#0	16QAM	NV	NT	-3.02	-0.004	PASS
Band5	10	20450	50	#0	16QAM	HV	NT	-5.81	-0.007	PASS
Band5	10	20525	50	#0	QPSK	LV	NT	-3.58	-0.004	PASS
Band5	10	20525	50	#0	QPSK	NV	NT	-1.70	-0.002	PASS
Band5	10	20525	50	#0	QPSK	HV	NT	0.57	0.001	PASS
Band5	10	20525	50	#0	16QAM	LV	NT	-0.21	0.000	PASS
Band5	10	20525	50	#0	16QAM	NV	NT	-1.97	-0.002	PASS
Band5	10	20525	50	#0	16QAM	HV	NT	-2.95	-0.004	PASS
Band5	10	20600	50	#0	QPSK	LV	NT	-1.89	-0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	NT	-1.47	-0.002	PASS
Band5	10	20600	50	#0	QPSK	HV	NT	-2.15	-0.003	PASS
Band5	10	20600	50	#0	16QAM	LV	NT	-3.46	-0.004	PASS
Band5	10	20600	50	#0	16QAM	NV	NT	-3.03	-0.004	PASS
Band5	10	20600	50	#0	16QAM	HV	NT	-2.93	-0.003	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band5	1.4	20407	6	#0	QPSK	NV	-30	-2.42	-0.003	PASS
Band5	1.4	20407	6	#0	QPSK	NV	-20	-3.42	-0.004	PASS
Band5	1.4	20407	6	#0	QPSK	NV	0	-7.27	-0.009	PASS
Band5	1.4	20407	6	#0	QPSK	NV	10	-3.71	-0.004	PASS
Band5	1.4	20407	6	#0	QPSK	NV	20	1.87	0.002	PASS
Band5	1.4	20407	6	#0	QPSK	NV	30	-0.26	0.000	PASS

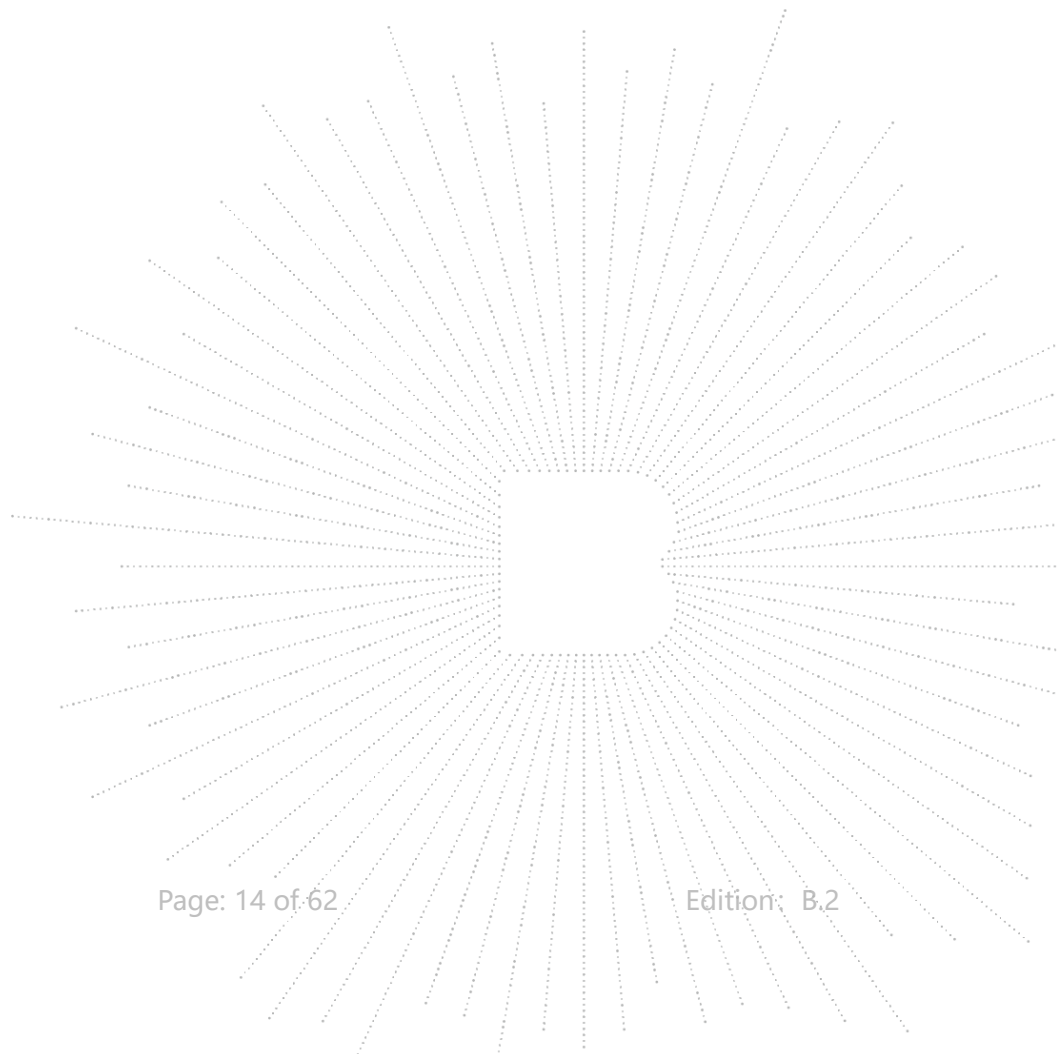
Band5	1.4	20407	6	#0	QPSK	NV	40	1.07	0.001	PASS
Band5	1.4	20407	6	#0	QPSK	NV	50	1.07	0.001	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-30	-1.54	-0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-20	-6.58	-0.008	PASS
Band5	1.4	20407	6	#0	16QAM	NV	0	-2.25	-0.003	PASS
Band5	1.4	20407	6	#0	16QAM	NV	10	-3.65	-0.004	PASS
Band5	1.4	20407	6	#0	16QAM	NV	20	-2.03	-0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	30	-2.13	-0.003	PASS
Band5	1.4	20407	6	#0	16QAM	NV	40	-0.69	-0.001	PASS
Band5	1.4	20407	6	#0	16QAM	NV	50	-2.55	-0.003	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-30	1.34	0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-20	-4.05	-0.005	PASS
Band5	1.4	20525	6	#0	QPSK	NV	0	1.39	0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	10	1.50	0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	20	-3.55	-0.004	PASS
Band5	1.4	20525	6	#0	QPSK	NV	30	-4.16	-0.005	PASS
Band5	1.4	20525	6	#0	QPSK	NV	40	-7.38	-0.009	PASS
Band5	1.4	20525	6	#0	QPSK	NV	50	-1.73	-0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-30	-2.07	-0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-20	-10.19	-0.012	PASS
Band5	1.4	20525	6	#0	16QAM	NV	0	-5.44	-0.007	PASS
Band5	1.4	20525	6	#0	16QAM	NV	10	-2.62	-0.003	PASS
Band5	1.4	20525	6	#0	16QAM	NV	20	-0.21	0.000	PASS
Band5	1.4	20525	6	#0	16QAM	NV	30	-1.09	-0.001	PASS
Band5	1.4	20525	6	#0	16QAM	NV	40	-2.79	-0.003	PASS
Band5	1.4	20525	6	#0	16QAM	NV	50	-0.96	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-30	-2.40	-0.003	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-20	-2.19	-0.003	PASS
Band5	1.4	20643	6	#0	QPSK	NV	0	0.94	0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	10	-0.17	0.000	PASS
Band5	1.4	20643	6	#0	QPSK	NV	20	-0.27	0.000	PASS
Band5	1.4	20643	6	#0	QPSK	NV	30	-4.12	-0.005	PASS
Band5	1.4	20643	6	#0	QPSK	NV	40	-1.47	-0.002	PASS
Band5	1.4	20643	6	#0	QPSK	NV	50	-1.24	-0.001	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-30	1.76	0.002	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-20	-2.95	-0.003	PASS
Band5	1.4	20643	6	#0	16QAM	NV	0	-5.99	-0.007	PASS
Band5	1.4	20643	6	#0	16QAM	NV	10	-1.67	-0.002	PASS
Band5	1.4	20643	6	#0	16QAM	NV	20	3.06	0.004	PASS
Band5	1.4	20643	6	#0	16QAM	NV	30	-0.53	-0.001	PASS
Band5	1.4	20643	6	#0	16QAM	NV	40	-2.95	-0.003	PASS
Band5	1.4	20643	6	#0	16QAM	NV	50	-2.45	-0.003	PASS
Band5	3	20415	15	#0	QPSK	NV	-30	-4.69	-0.006	PASS

Band5	3	20415	15	#0	QPSK	NV	-20	0.27	0.000	PASS
Band5	3	20415	15	#0	QPSK	NV	0	-1.24	-0.002	PASS
Band5	3	20415	15	#0	QPSK	NV	10	-2.57	-0.003	PASS
Band5	3	20415	15	#0	QPSK	NV	20	-4.13	-0.005	PASS
Band5	3	20415	15	#0	QPSK	NV	30	-5.62	-0.007	PASS
Band5	3	20415	15	#0	QPSK	NV	40	-5.48	-0.007	PASS
Band5	3	20415	15	#0	QPSK	NV	50	-2.09	-0.003	PASS
Band5	3	20415	15	#0	16QAM	NV	-30	-0.76	-0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	-20	-3.95	-0.005	PASS
Band5	3	20415	15	#0	16QAM	NV	0	-3.08	-0.004	PASS
Band5	3	20415	15	#0	16QAM	NV	10	-5.61	-0.007	PASS
Band5	3	20415	15	#0	16QAM	NV	20	-5.98	-0.007	PASS
Band5	3	20415	15	#0	16QAM	NV	30	-3.65	-0.004	PASS
Band5	3	20415	15	#0	16QAM	NV	40	0.33	0.000	PASS
Band5	3	20415	15	#0	16QAM	NV	50	3.26	0.004	PASS
Band5	3	20525	15	#0	QPSK	NV	-30	-1.89	-0.002	PASS
Band5	3	20525	15	#0	QPSK	NV	-20	-1.07	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	0	1.02	0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	10	-1.32	-0.002	PASS
Band5	3	20525	15	#0	QPSK	NV	20	-0.50	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	30	-2.62	-0.003	PASS
Band5	3	20525	15	#0	QPSK	NV	40	-2.32	-0.003	PASS
Band5	3	20525	15	#0	QPSK	NV	50	-7.27	-0.009	PASS
Band5	3	20525	15	#0	16QAM	NV	-30	0.49	0.001	PASS
Band5	3	20525	15	#0	16QAM	NV	-20	-0.21	0.000	PASS
Band5	3	20525	15	#0	16QAM	NV	0	-5.56	-0.007	PASS
Band5	3	20525	15	#0	16QAM	NV	10	-4.35	-0.005	PASS
Band5	3	20525	15	#0	16QAM	NV	20	-2.09	-0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	30	-2.60	-0.003	PASS
Band5	3	20525	15	#0	16QAM	NV	40	-2.37	-0.003	PASS
Band5	3	20525	15	#0	16QAM	NV	50	1.04	0.001	PASS
Band5	3	20635	15	#0	QPSK	NV	-30	1.72	0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	-20	2.57	0.003	PASS
Band5	3	20635	15	#0	QPSK	NV	0	-1.87	-0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	10	-5.18	-0.006	PASS
Band5	3	20635	15	#0	QPSK	NV	20	-2.15	-0.003	PASS
Band5	3	20635	15	#0	QPSK	NV	30	-1.67	-0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	40	1.27	0.001	PASS
Band5	3	20635	15	#0	QPSK	NV	50	-4.39	-0.005	PASS
Band5	3	20635	15	#0	16QAM	NV	-30	-2.66	-0.003	PASS
Band5	3	20635	15	#0	16QAM	NV	-20	-3.92	-0.005	PASS
Band5	3	20635	15	#0	16QAM	NV	0	-4.12	-0.005	PASS
Band5	3	20635	15	#0	16QAM	NV	10	3.38	0.004	PASS

Band5	3	20635	15	#0	16QAM	NV	20	-0.90	-0.001	PASS
Band5	3	20635	15	#0	16QAM	NV	30	2.22	0.003	PASS
Band5	3	20635	15	#0	16QAM	NV	40	-0.60	-0.001	PASS
Band5	3	20635	15	#0	16QAM	NV	50	0.96	0.001	PASS
Band5	5	20425	25	#0	QPSK	NV	-30	-0.04	0.000	PASS
Band5	5	20425	25	#0	QPSK	NV	-20	-0.60	-0.001	PASS
Band5	5	20425	25	#0	QPSK	NV	0	-1.66	-0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	10	-2.60	-0.003	PASS
Band5	5	20425	25	#0	QPSK	NV	20	1.92	0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	30	2.19	0.003	PASS
Band5	5	20425	25	#0	QPSK	NV	40	-0.97	-0.001	PASS
Band5	5	20425	25	#0	QPSK	NV	50	-2.53	-0.003	PASS
Band5	5	20425	25	#0	16QAM	NV	-30	-5.12	-0.006	PASS
Band5	5	20425	25	#0	16QAM	NV	-20	0.47	0.001	PASS
Band5	5	20425	25	#0	16QAM	NV	0	-3.32	-0.004	PASS
Band5	5	20425	25	#0	16QAM	NV	10	-5.21	-0.006	PASS
Band5	5	20425	25	#0	16QAM	NV	20	1.30	0.002	PASS
Band5	5	20425	25	#0	16QAM	NV	30	1.00	0.001	PASS
Band5	5	20425	25	#0	16QAM	NV	40	-0.64	-0.001	PASS
Band5	5	20425	25	#0	16QAM	NV	50	2.30	0.003	PASS
Band5	5	20525	25	#0	QPSK	NV	-30	-2.39	-0.003	PASS
Band5	5	20525	25	#0	QPSK	NV	-20	-4.63	-0.006	PASS
Band5	5	20525	25	#0	QPSK	NV	0	0.20	0.000	PASS
Band5	5	20525	25	#0	QPSK	NV	10	-0.56	-0.001	PASS
Band5	5	20525	25	#0	QPSK	NV	20	-6.01	-0.007	PASS
Band5	5	20525	25	#0	QPSK	NV	30	-3.30	-0.004	PASS
Band5	5	20525	25	#0	QPSK	NV	40	-1.86	-0.002	PASS
Band5	5	20525	25	#0	QPSK	NV	50	-2.82	-0.003	PASS
Band5	5	20525	25	#0	16QAM	NV	-30	-2.73	-0.003	PASS
Band5	5	20525	25	#0	16QAM	NV	-20	-0.84	-0.001	PASS
Band5	5	20525	25	#0	16QAM	NV	0	-6.15	-0.007	PASS
Band5	5	20525	25	#0	16QAM	NV	10	-5.48	-0.007	PASS
Band5	5	20525	25	#0	16QAM	NV	20	-1.22	-0.001	PASS
Band5	5	20525	25	#0	16QAM	NV	30	-2.75	-0.003	PASS
Band5	5	20525	25	#0	16QAM	NV	40	-5.79	-0.007	PASS
Band5	5	20525	25	#0	16QAM	NV	50	-4.94	-0.006	PASS
Band5	5	20625	25	#0	QPSK	NV	-30	-1.53	-0.002	PASS
Band5	5	20625	25	#0	QPSK	NV	-20	-5.48	-0.006	PASS
Band5	5	20625	25	#0	QPSK	NV	0	-2.19	-0.003	PASS
Band5	5	20625	25	#0	QPSK	NV	10	-4.55	-0.005	PASS
Band5	5	20625	25	#0	QPSK	NV	20	3.46	0.004	PASS
Band5	5	20625	25	#0	QPSK	NV	30	0.31	0.000	PASS
Band5	5	20625	25	#0	QPSK	NV	40	-4.28	-0.005	PASS

Band5	5	20625	25	#0	QPSK	NV	50	-1.57	-0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	-30	0.90	0.001	PASS
Band5	5	20625	25	#0	16QAM	NV	-20	0.64	0.001	PASS
Band5	5	20625	25	#0	16QAM	NV	0	-4.15	-0.005	PASS
Band5	5	20625	25	#0	16QAM	NV	10	0.00	0.000	PASS
Band5	5	20625	25	#0	16QAM	NV	20	-0.20	0.000	PASS
Band5	5	20625	25	#0	16QAM	NV	30	1.10	0.001	PASS
Band5	5	20625	25	#0	16QAM	NV	40	3.00	0.004	PASS
Band5	5	20625	25	#0	16QAM	NV	50	-1.53	-0.002	PASS
Band5	10	20450	50	#0	QPSK	NV	-30	-0.16	0.000	PASS
Band5	10	20450	50	#0	QPSK	NV	-20	-3.58	-0.004	PASS
Band5	10	20450	50	#0	QPSK	NV	0	-0.69	-0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	10	-5.11	-0.006	PASS
Band5	10	20450	50	#0	QPSK	NV	20	-4.94	-0.006	PASS
Band5	10	20450	50	#0	QPSK	NV	30	-3.15	-0.004	PASS
Band5	10	20450	50	#0	QPSK	NV	40	-1.63	-0.002	PASS
Band5	10	20450	50	#0	QPSK	NV	50	-2.46	-0.003	PASS
Band5	10	20450	50	#0	16QAM	NV	-30	-2.22	-0.003	PASS
Band5	10	20450	50	#0	16QAM	NV	-20	-3.05	-0.004	PASS
Band5	10	20450	50	#0	16QAM	NV	0	0.01	0.000	PASS
Band5	10	20450	50	#0	16QAM	NV	10	-2.00	-0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	20	-2.12	-0.003	PASS
Band5	10	20450	50	#0	16QAM	NV	30	-0.36	0.000	PASS
Band5	10	20450	50	#0	16QAM	NV	40	-6.09	-0.007	PASS
Band5	10	20450	50	#0	16QAM	NV	50	-3.56	-0.004	PASS
Band5	10	20525	50	#0	QPSK	NV	-30	-1.32	-0.002	PASS
Band5	10	20525	50	#0	QPSK	NV	-20	0.46	0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	0	-1.03	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	10	-0.90	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	20	-2.16	-0.003	PASS
Band5	10	20525	50	#0	QPSK	NV	30	-0.01	0.000	PASS
Band5	10	20525	50	#0	QPSK	NV	40	-1.96	-0.002	PASS
Band5	10	20525	50	#0	QPSK	NV	50	-0.44	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	-30	-0.63	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	-20	-2.20	-0.003	PASS
Band5	10	20525	50	#0	16QAM	NV	0	0.26	0.000	PASS
Band5	10	20525	50	#0	16QAM	NV	10	-3.86	-0.005	PASS
Band5	10	20525	50	#0	16QAM	NV	20	-1.09	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	30	-5.35	-0.006	PASS
Band5	10	20525	50	#0	16QAM	NV	40	0.11	0.000	PASS
Band5	10	20525	50	#0	16QAM	NV	50	-1.59	-0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	-30	-2.00	-0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	-20	1.66	0.002	PASS

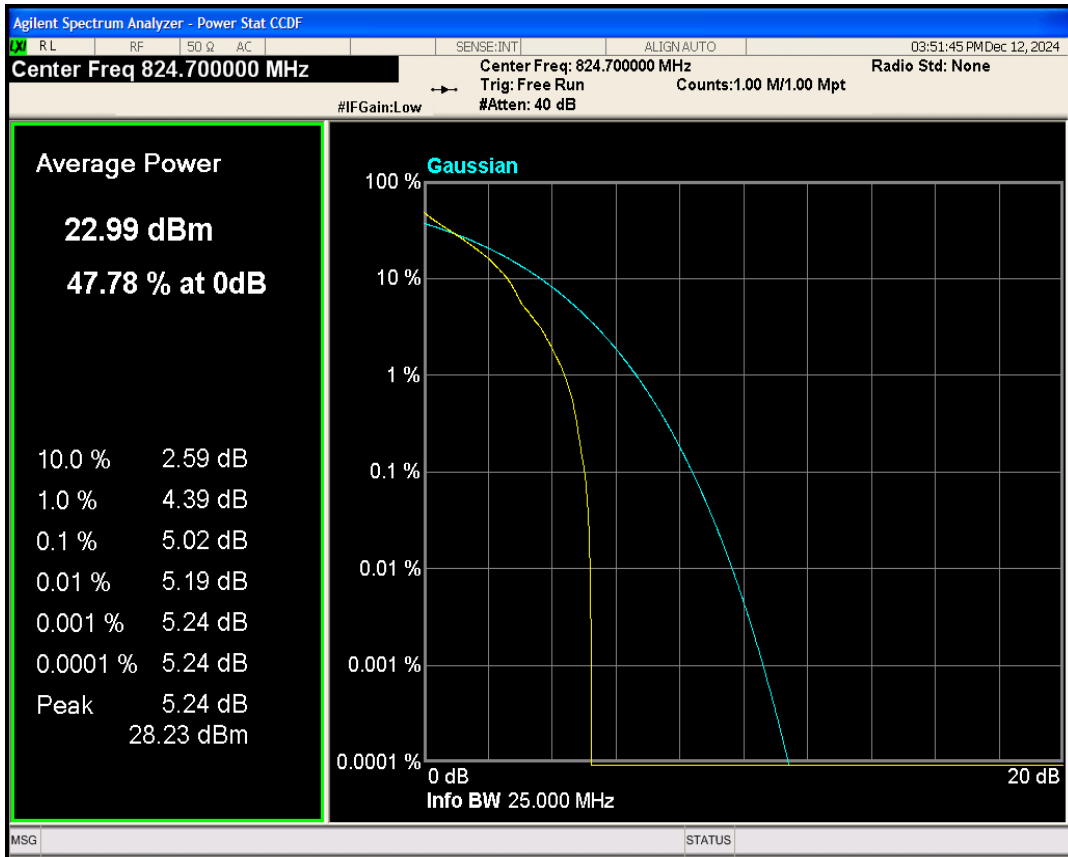
Band5	10	20600	50	#0	QPSK	NV	0	-3.26	-0.004	PASS
Band5	10	20600	50	#0	QPSK	NV	10	1.06	0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	20	1.80	0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	30	-3.08	-0.004	PASS
Band5	10	20600	50	#0	QPSK	NV	40	-1.00	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	50	-1.43	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	-30	2.30	0.003	PASS
Band5	10	20600	50	#0	16QAM	NV	-20	-5.56	-0.007	PASS
Band5	10	20600	50	#0	16QAM	NV	0	2.96	0.004	PASS
Band5	10	20600	50	#0	16QAM	NV	10	0.72	0.001	PASS
Band5	10	20600	50	#0	16QAM	NV	20	2.33	0.003	PASS
Band5	10	20600	50	#0	16QAM	NV	30	-1.66	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	40	-2.36	-0.003	PASS
Band5	10	20600	50	#0	16QAM	NV	50	2.09	0.002	PASS



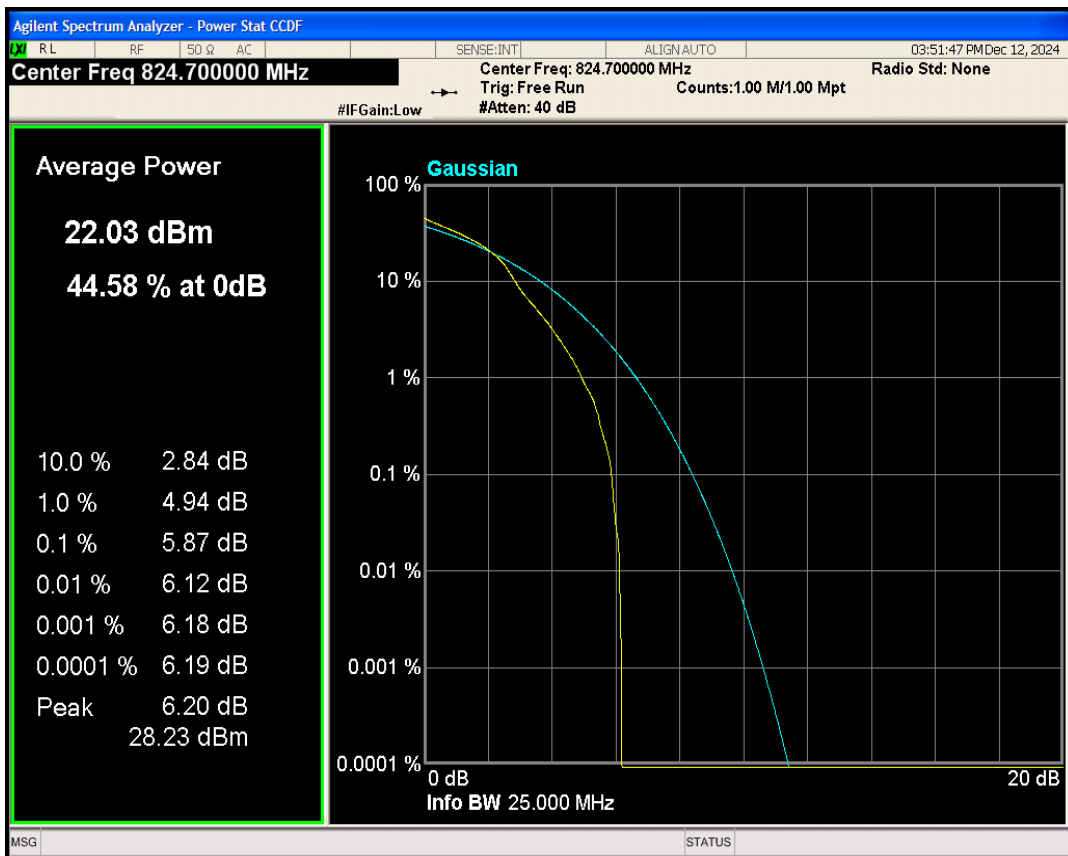
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	1.4	20407	1	#0	QPSK	5.02	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.87	13	PASS
Band5	1.4	20525	1	#0	QPSK	3.70	13	PASS
Band5	1.4	20525	1	#0	16QAM	4.53	13	PASS
Band5	1.4	20643	1	#0	QPSK	4.45	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.32	13	PASS
Band5	3	20415	1	#0	QPSK	5.03	13	PASS
Band5	3	20415	1	#0	16QAM	5.96	13	PASS
Band5	3	20525	1	#0	QPSK	3.78	13	PASS
Band5	3	20525	1	#0	16QAM	4.59	13	PASS
Band5	3	20635	1	#0	QPSK	4.58	13	PASS
Band5	3	20635	1	#0	16QAM	5.41	13	PASS
Band5	5	20425	1	#0	QPSK	4.97	13	PASS
Band5	5	20425	1	#0	16QAM	5.75	13	PASS
Band5	5	20525	1	#0	QPSK	4.07	13	PASS
Band5	5	20525	1	#0	16QAM	4.94	13	PASS
Band5	5	20625	1	#0	QPSK	4.99	13	PASS
Band5	5	20625	1	#0	16QAM	5.53	13	PASS
Band5	10	20450	1	#0	QPSK	5.01	13	PASS
Band5	10	20450	1	#0	16QAM	5.90	13	PASS
Band5	10	20525	1	#0	QPSK	4.81	13	PASS
Band5	10	20525	1	#0	16QAM	5.75	13	PASS
Band5	10	20600	1	#0	QPSK	4.58	13	PASS
Band5	10	20600	1	#0	16QAM	5.38	13	PASS

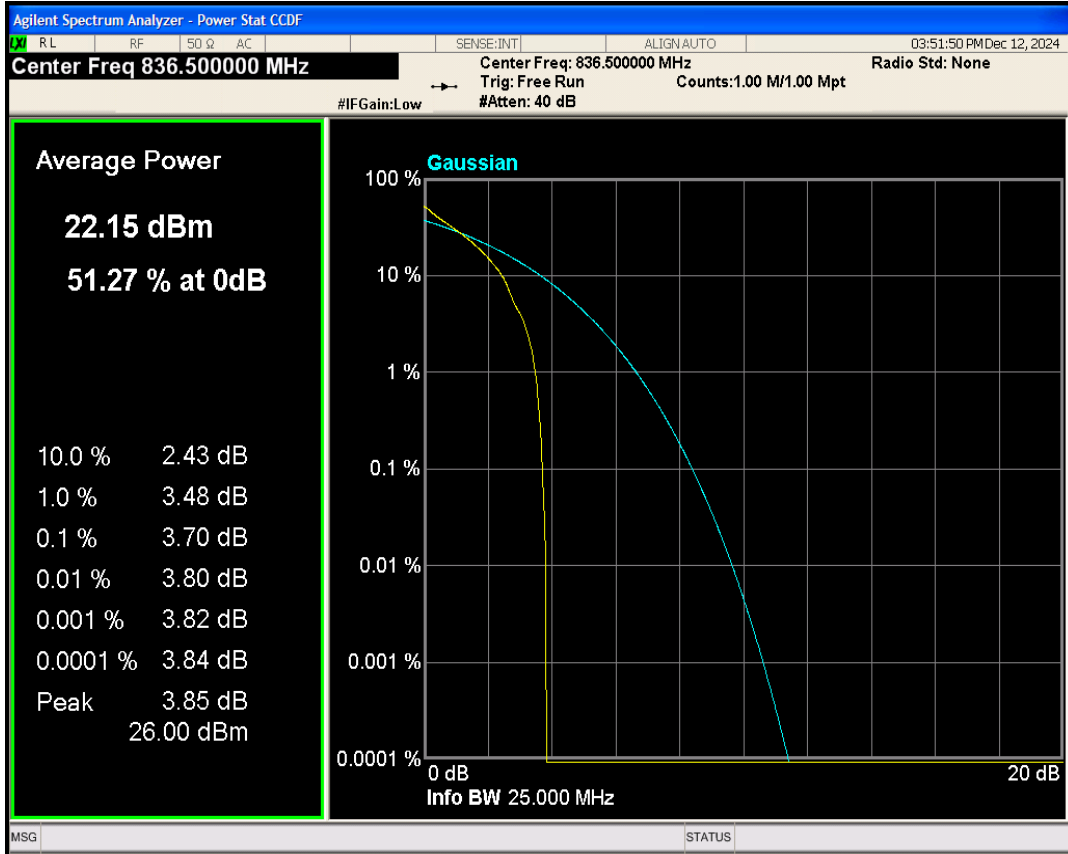
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



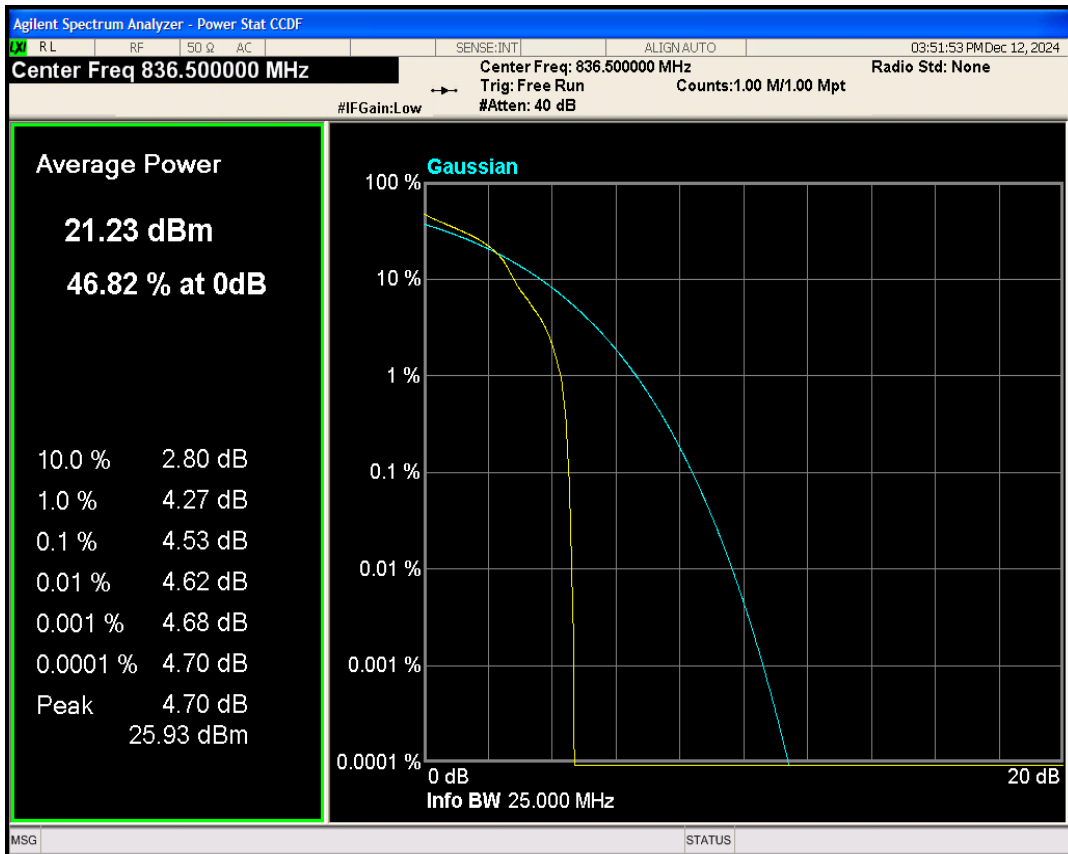
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



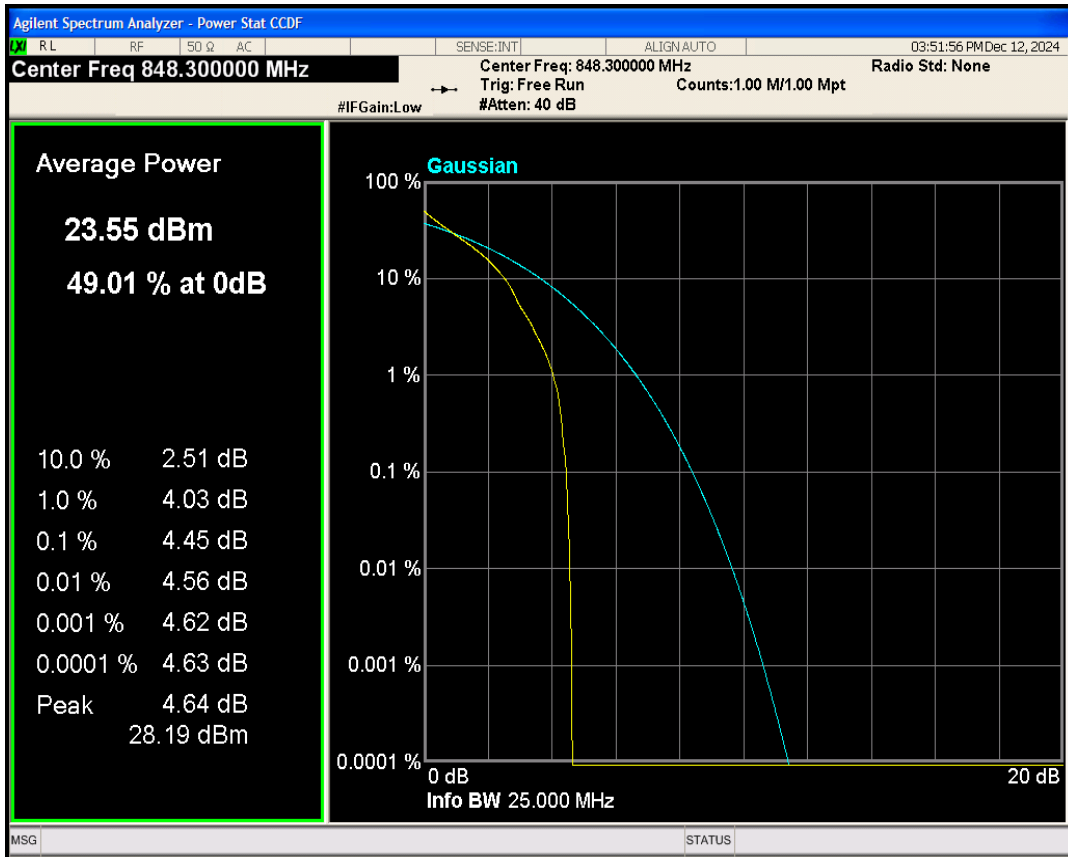
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



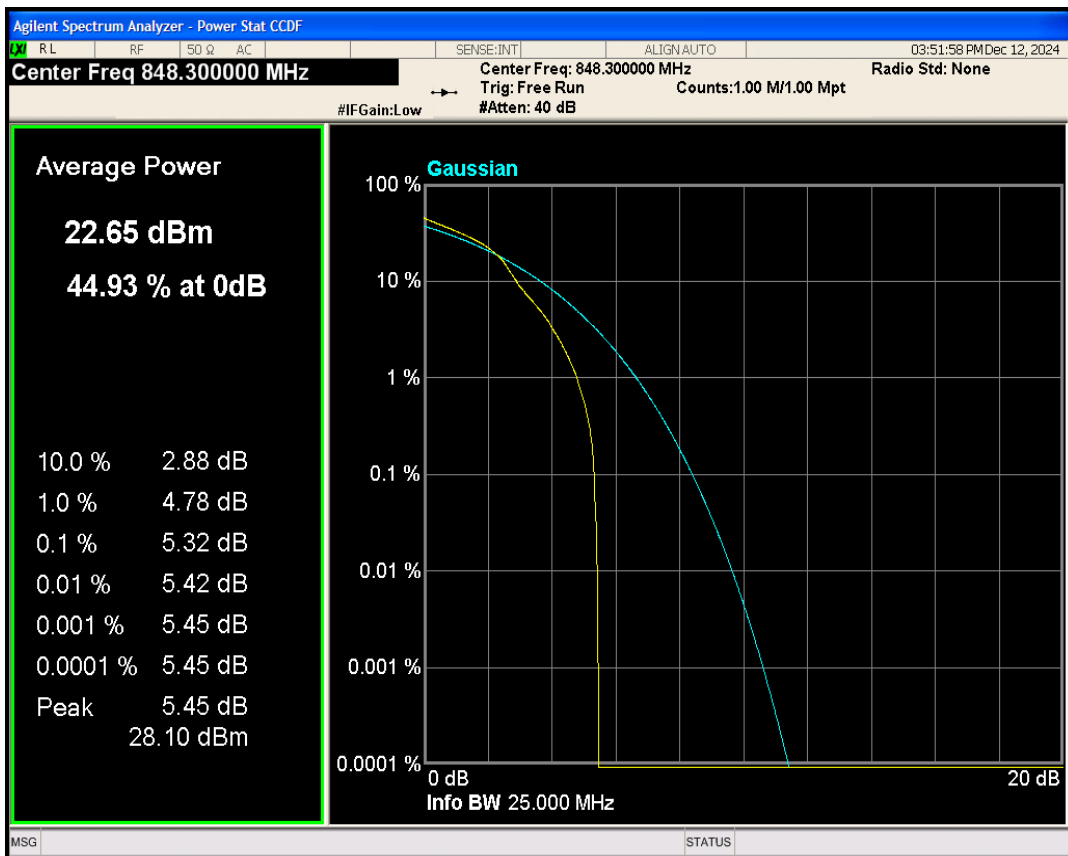
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



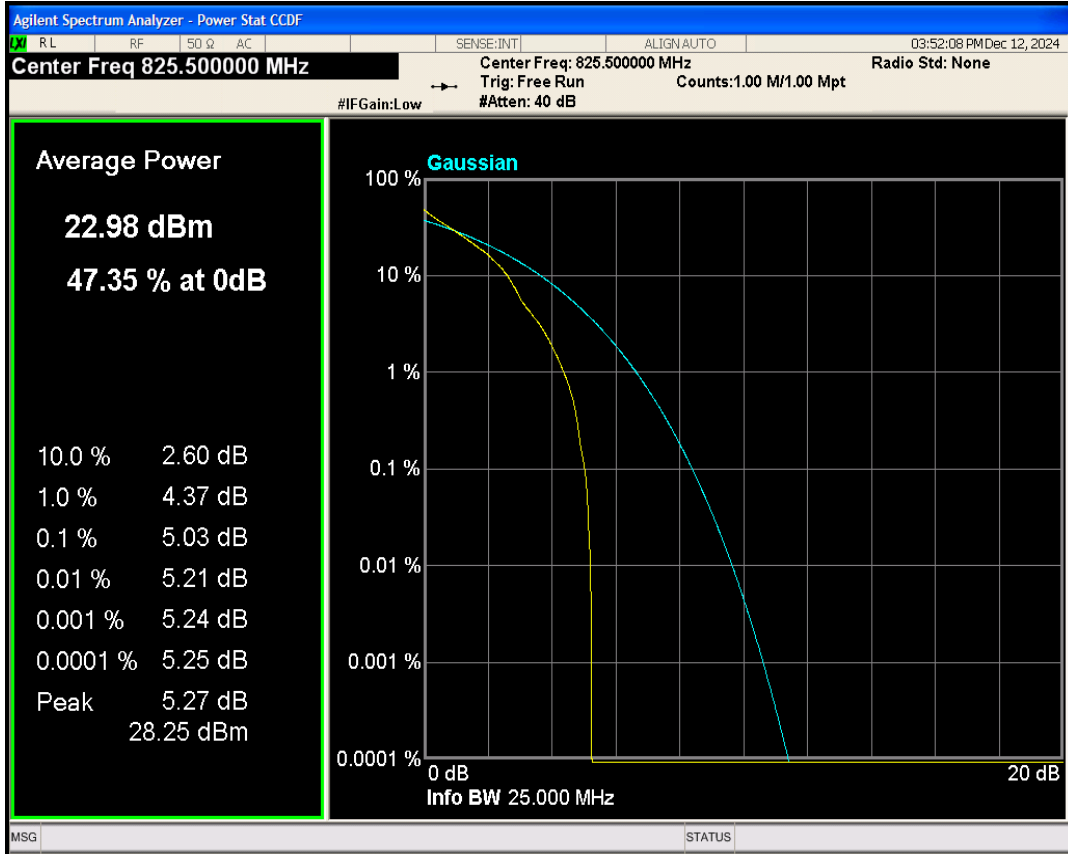
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



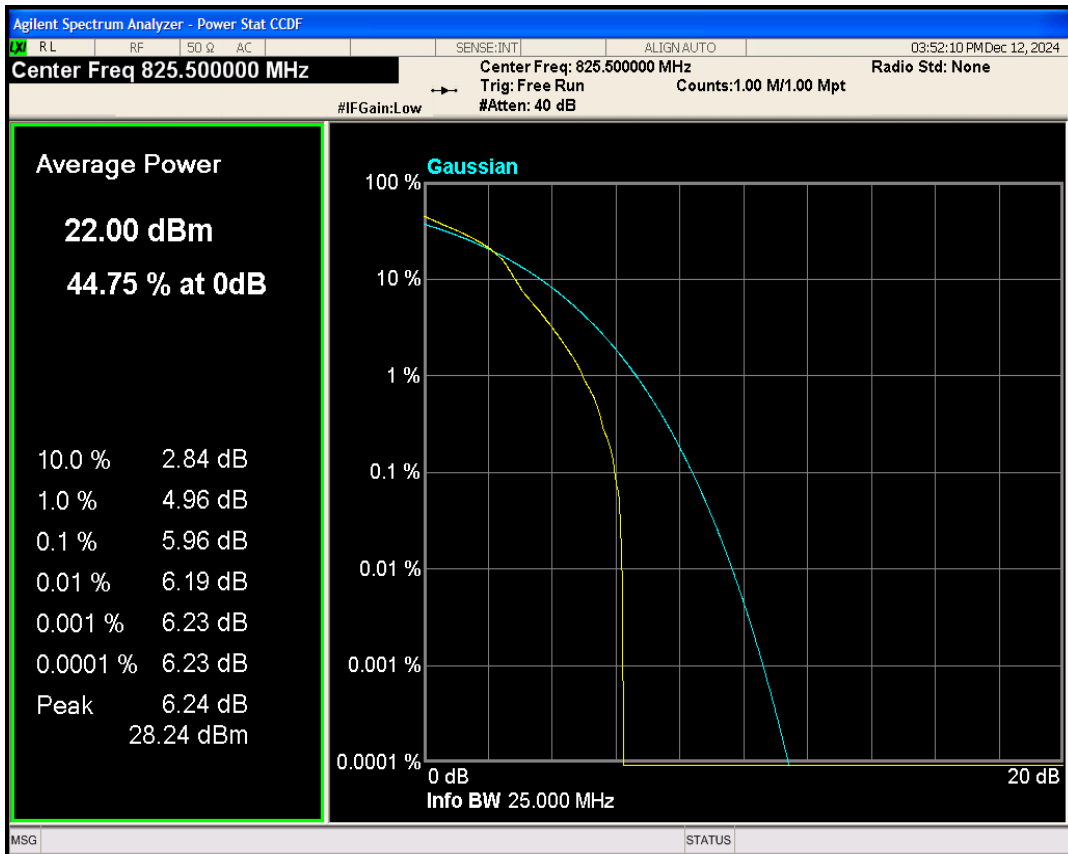
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



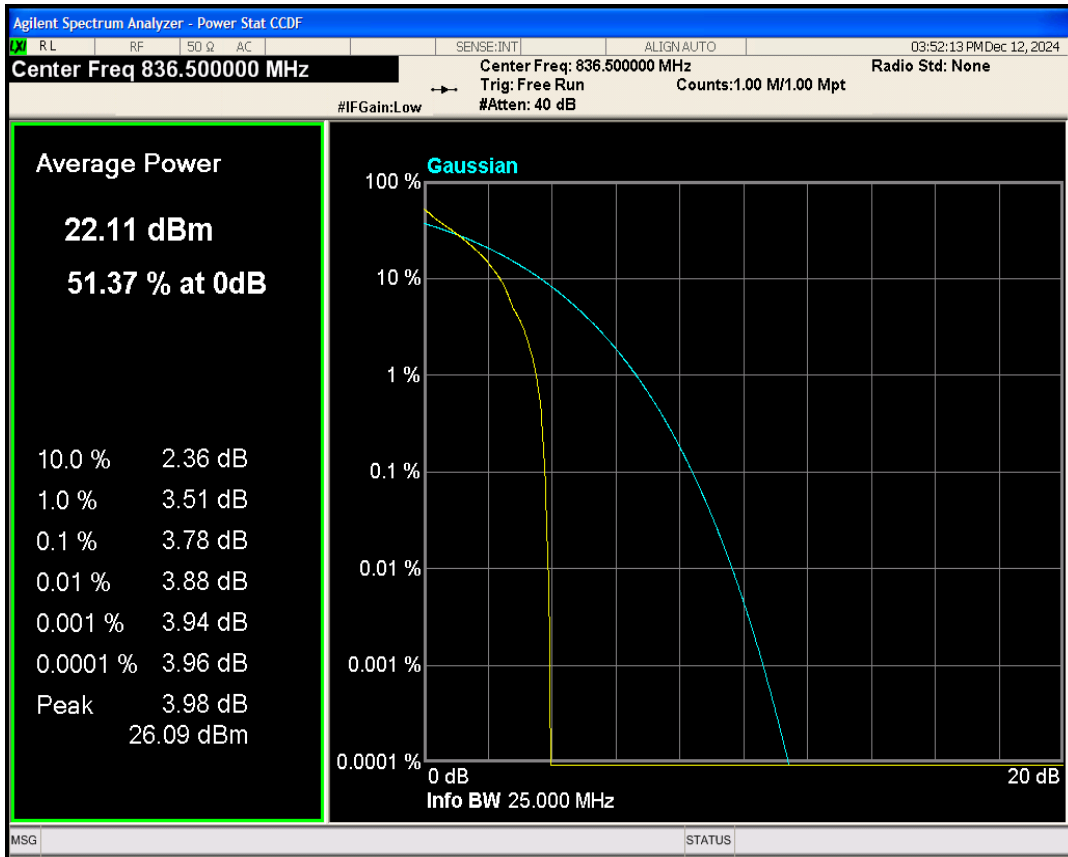
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



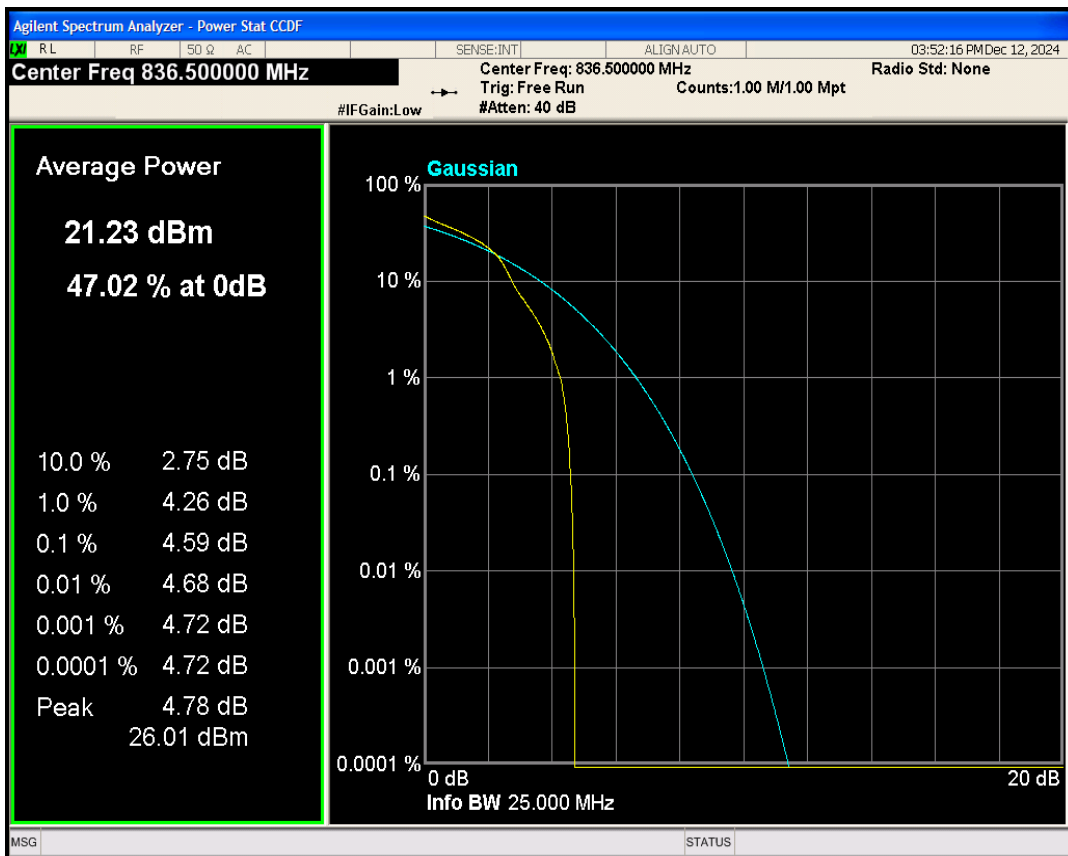
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



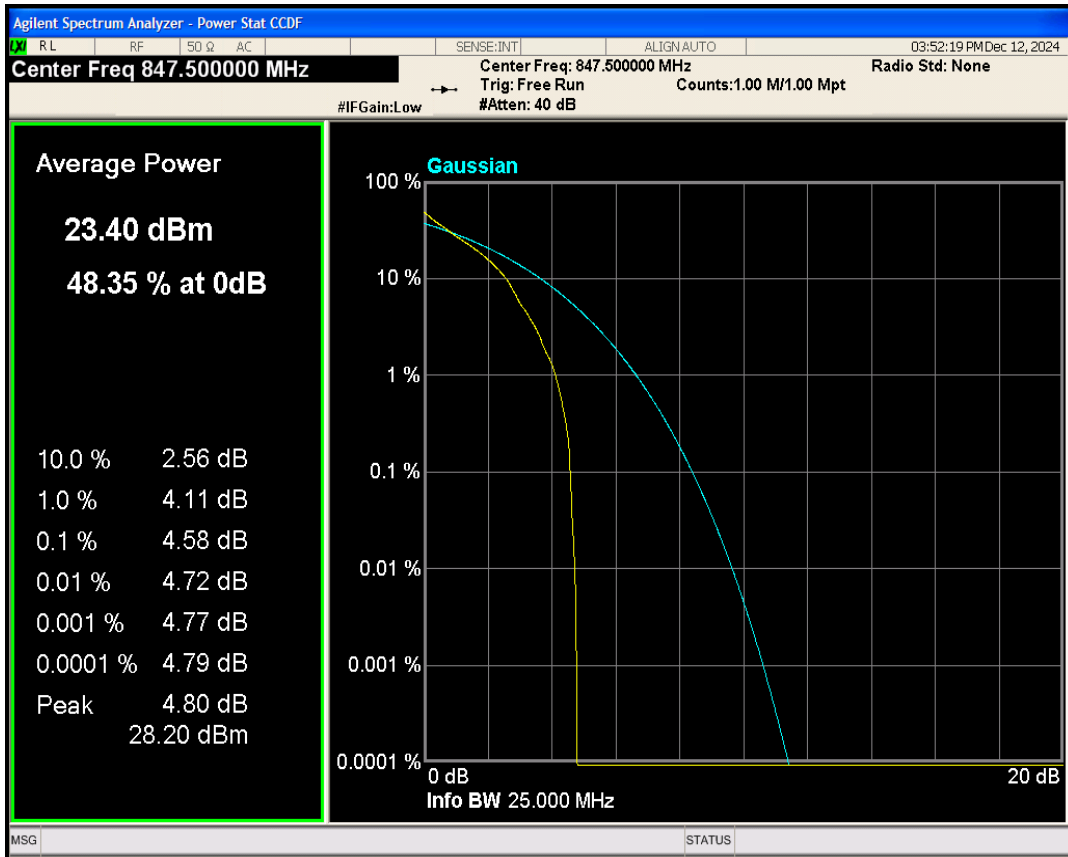
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



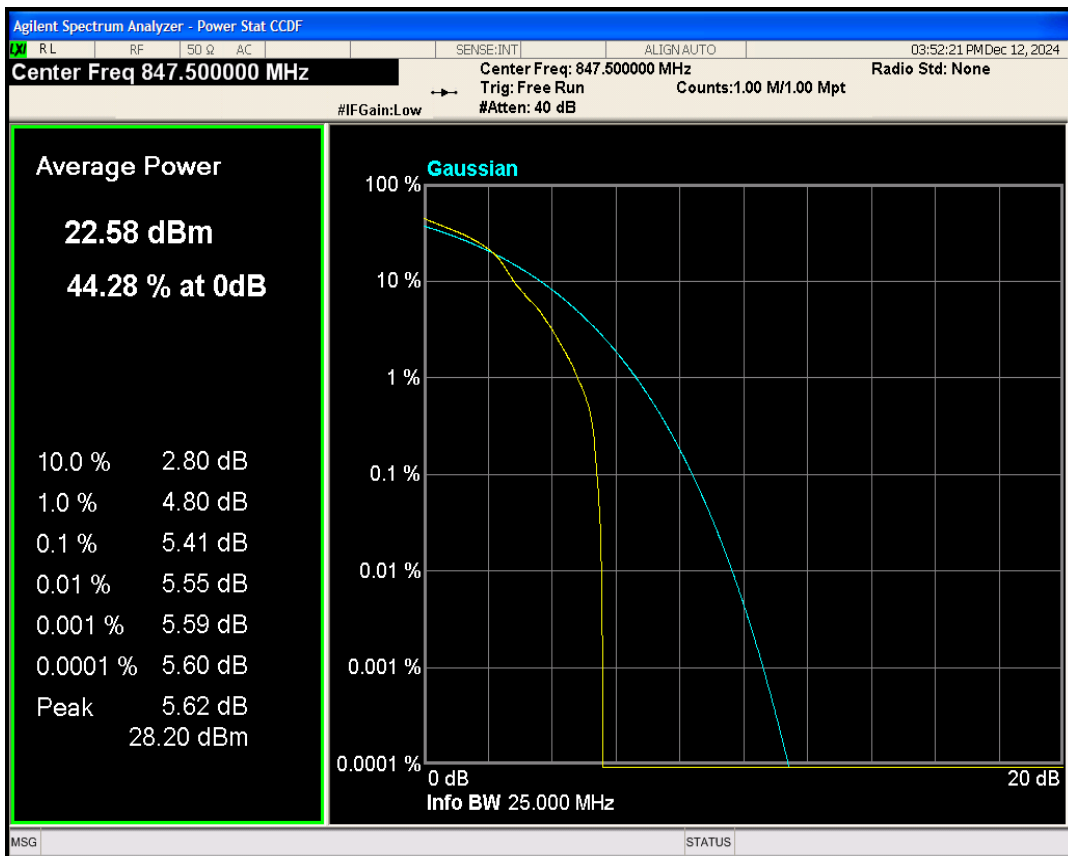
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



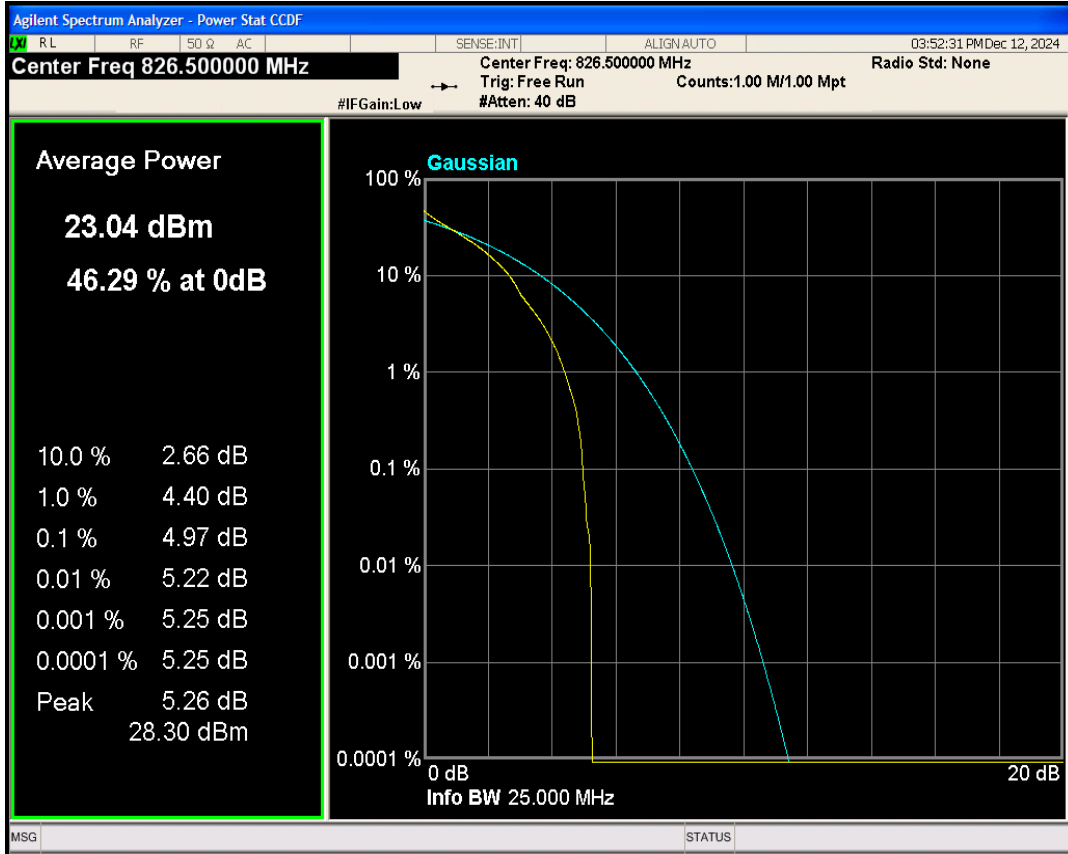
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



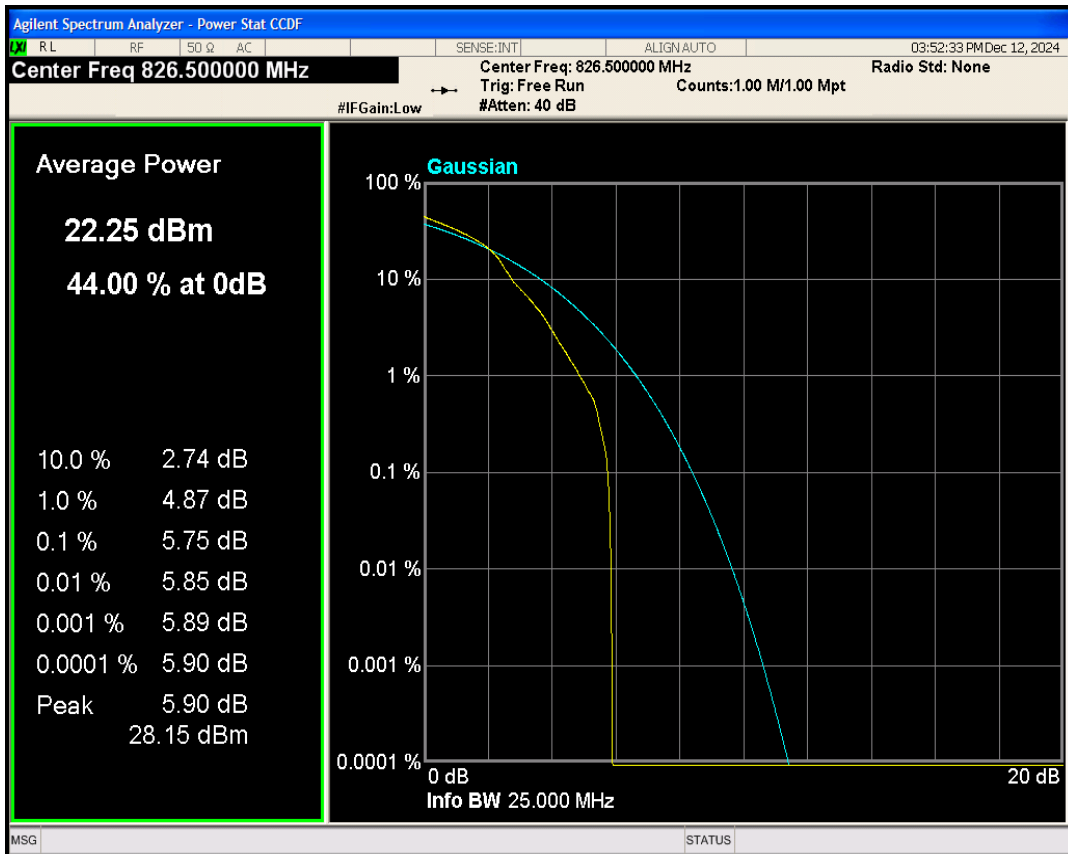
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



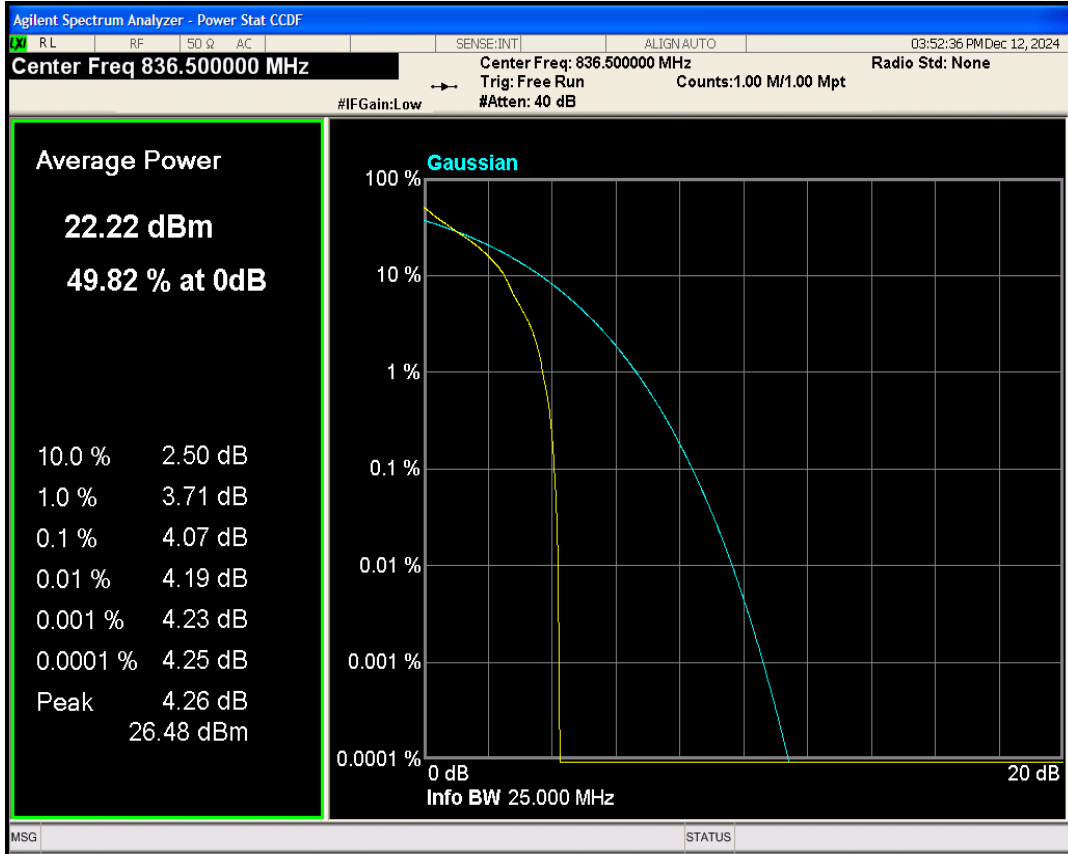
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



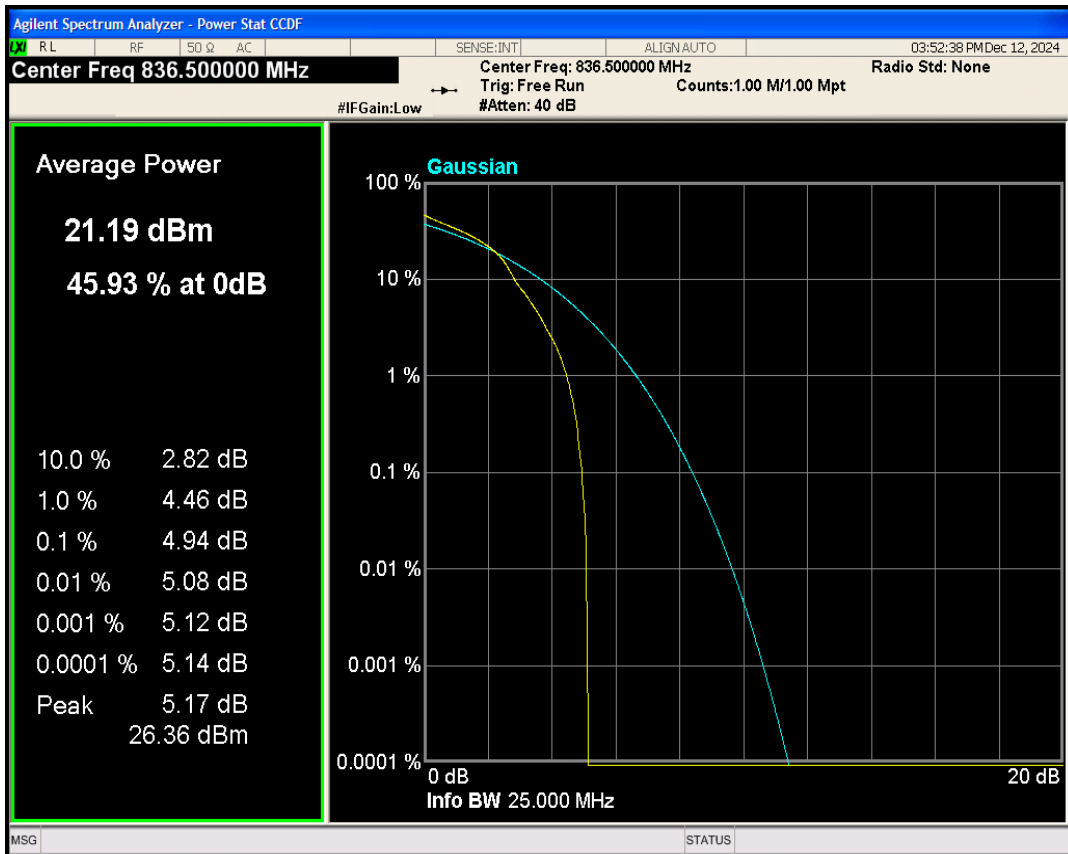
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



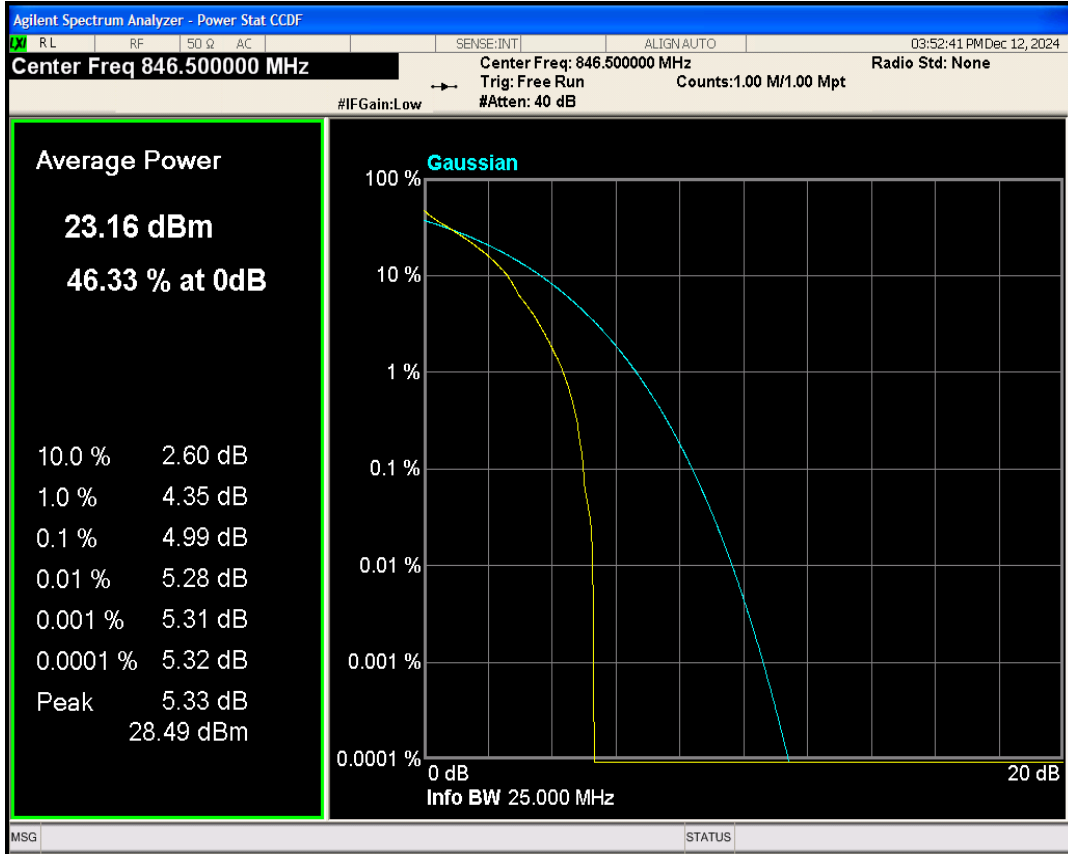
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



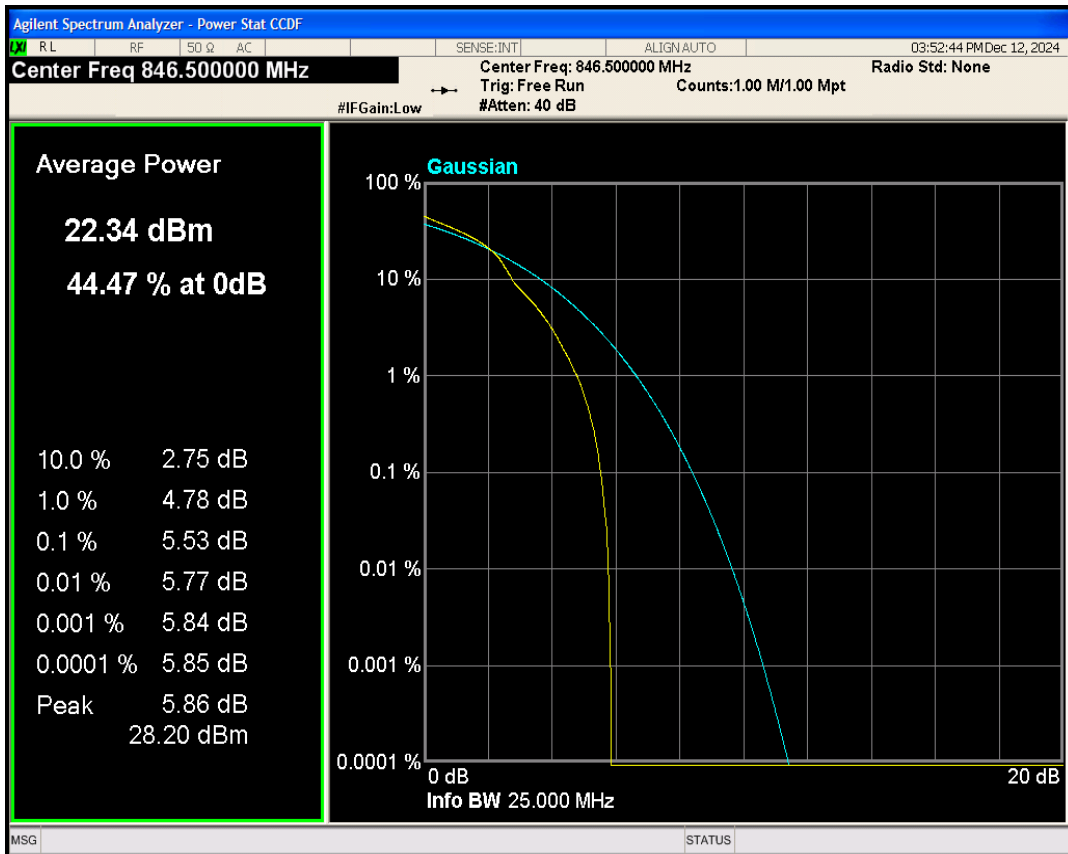
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



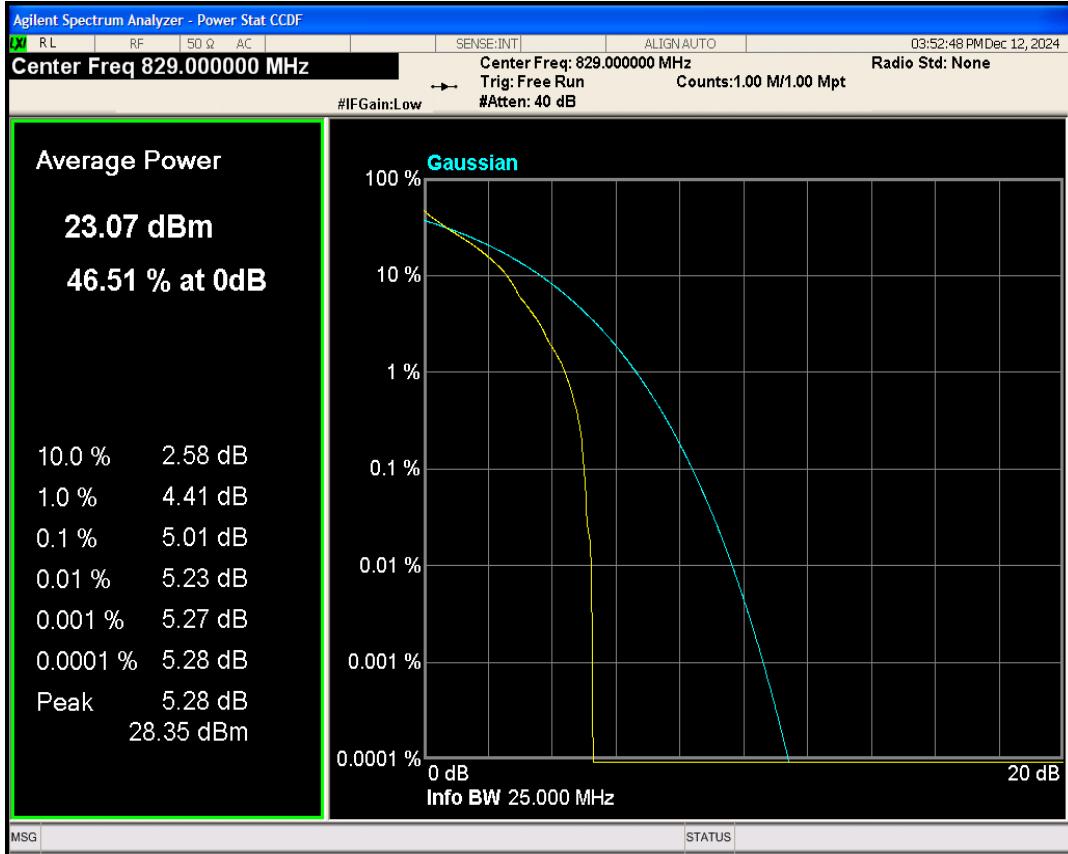
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



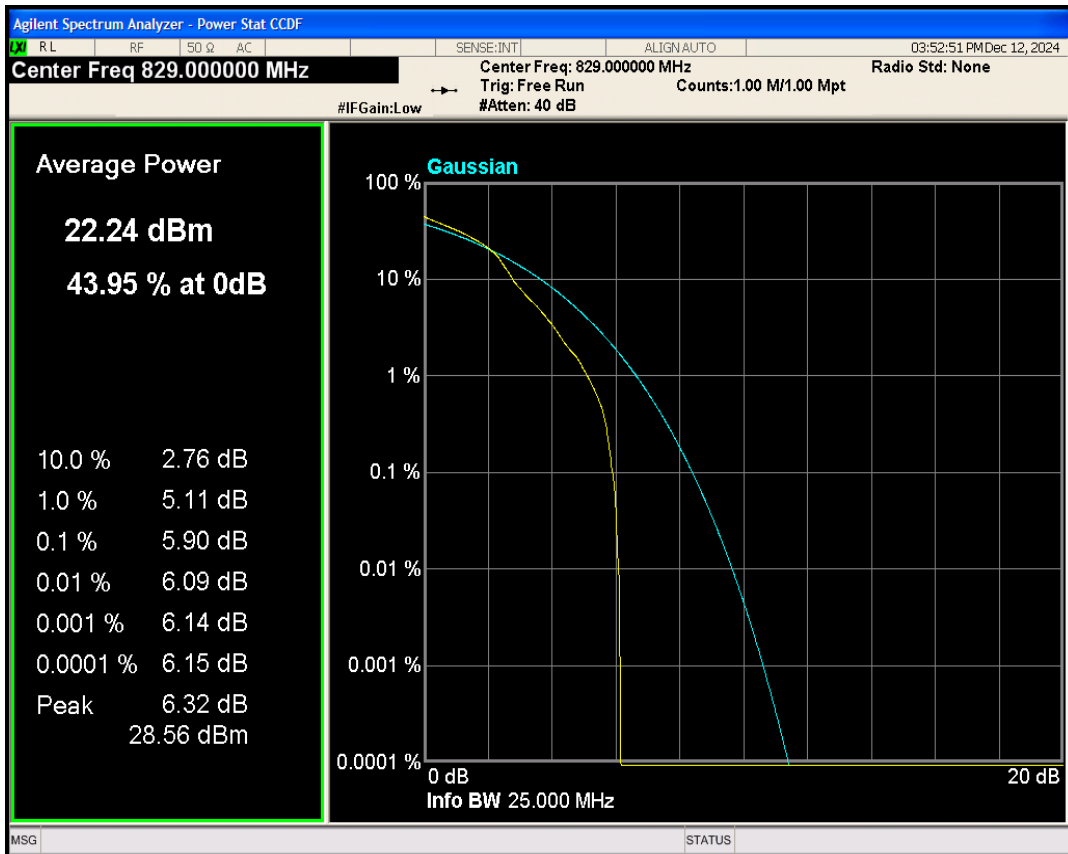
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



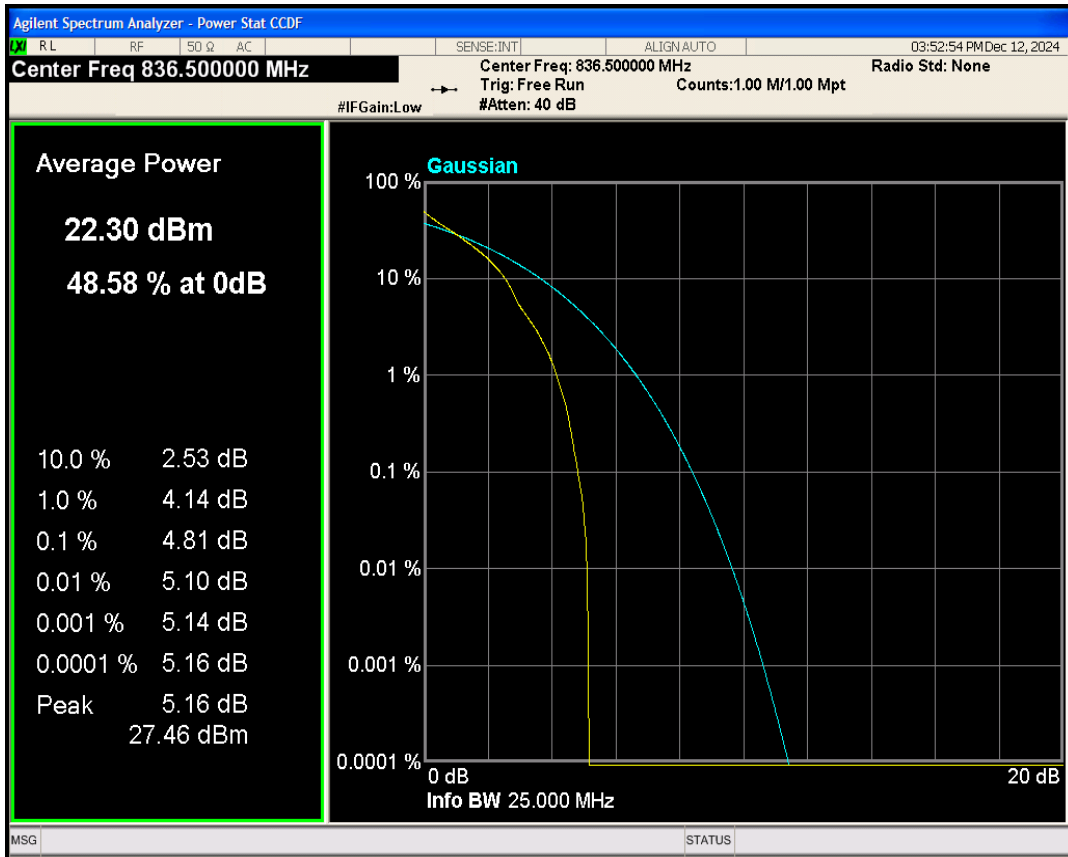
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



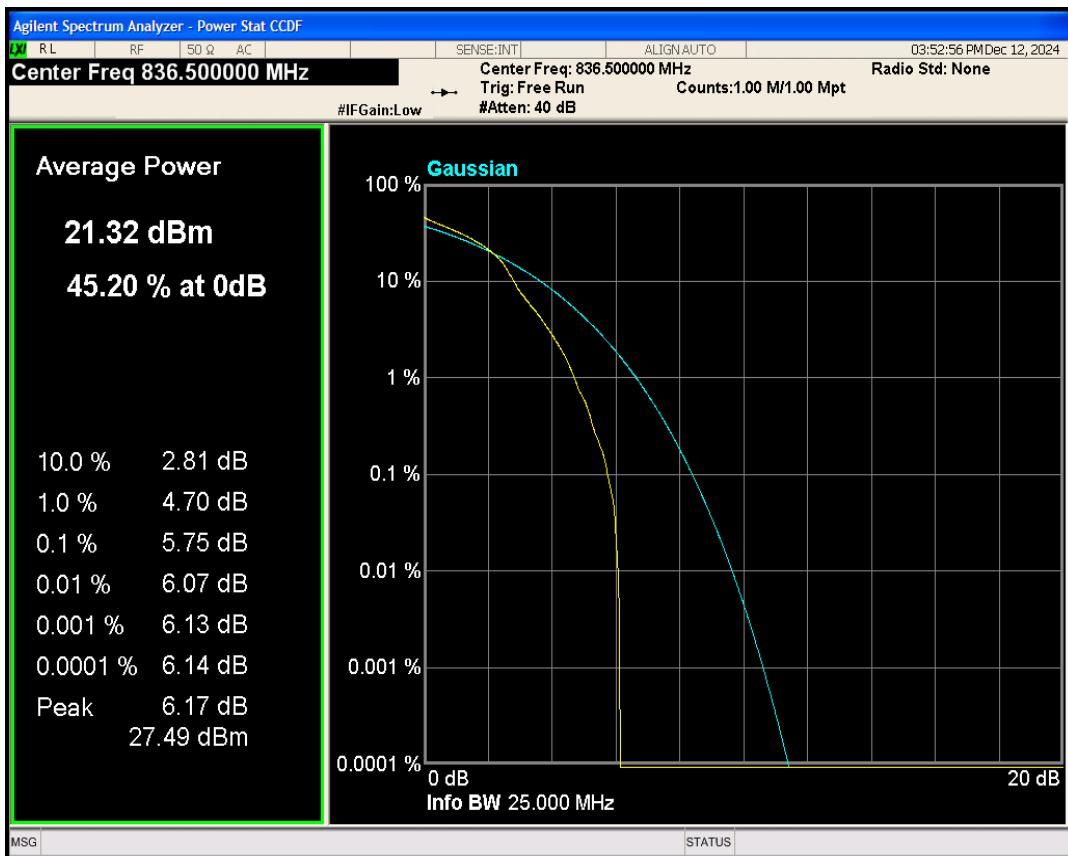
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



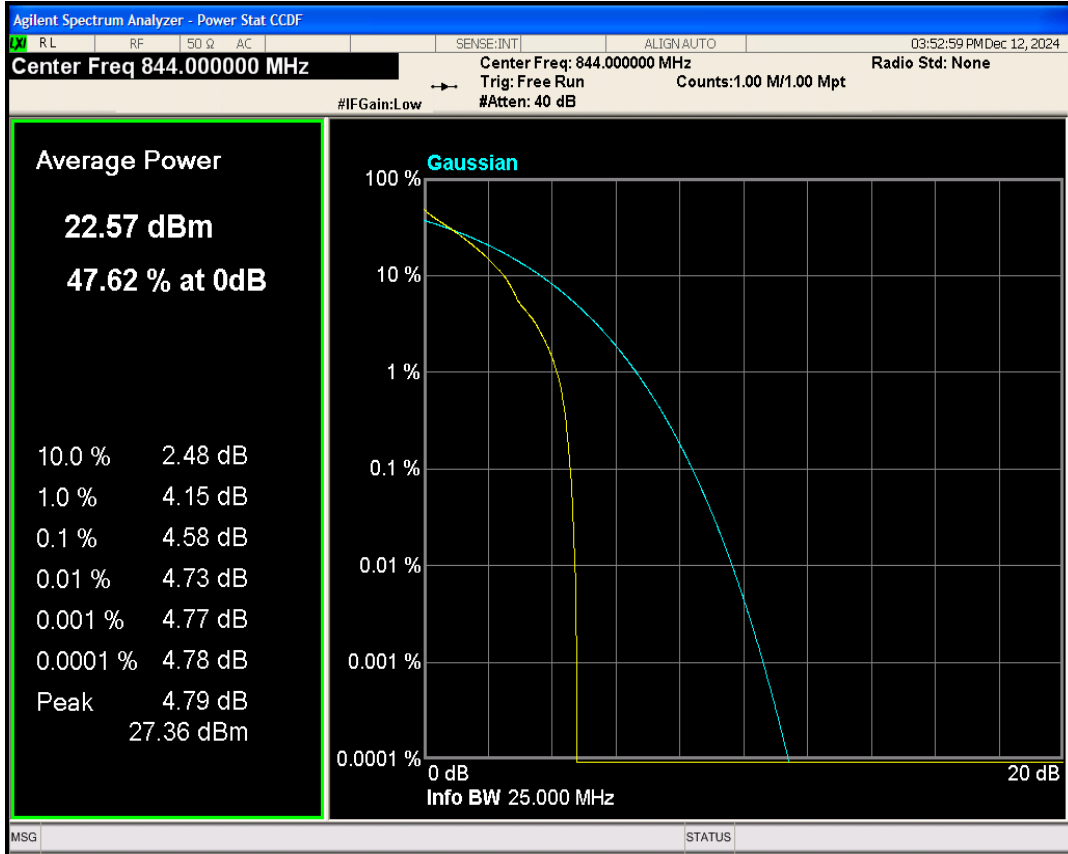
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



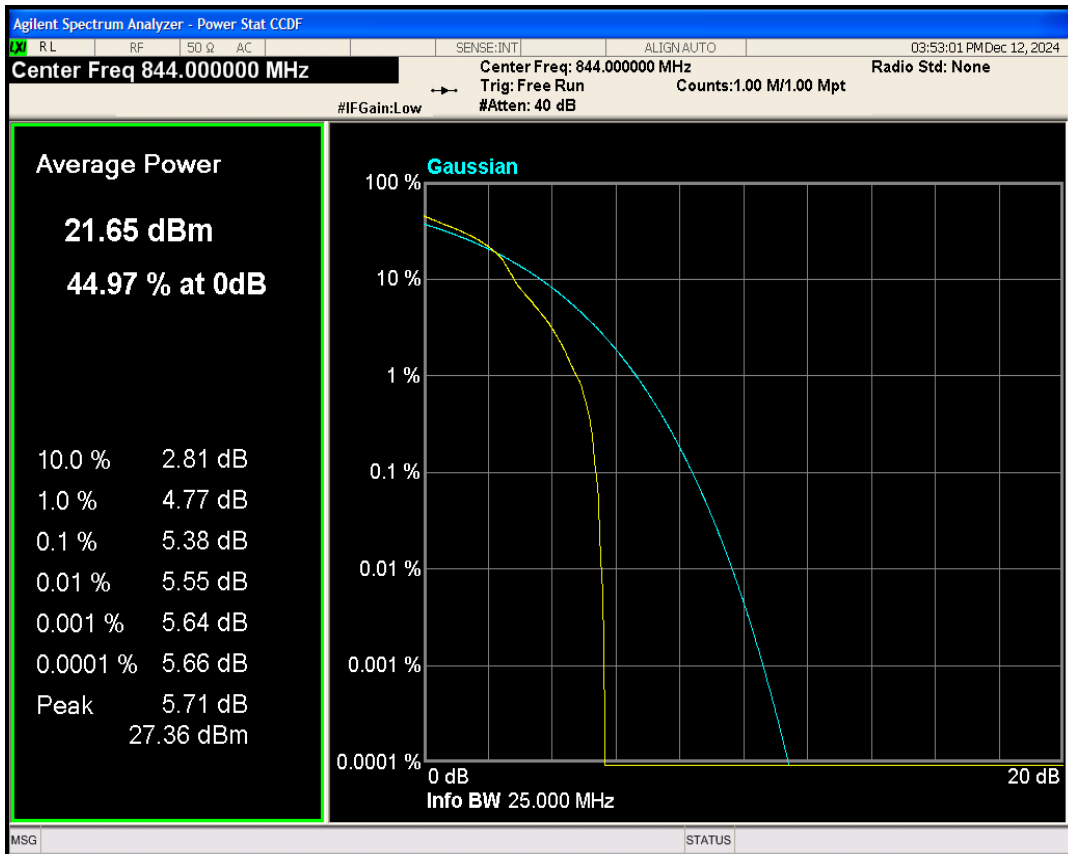
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



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



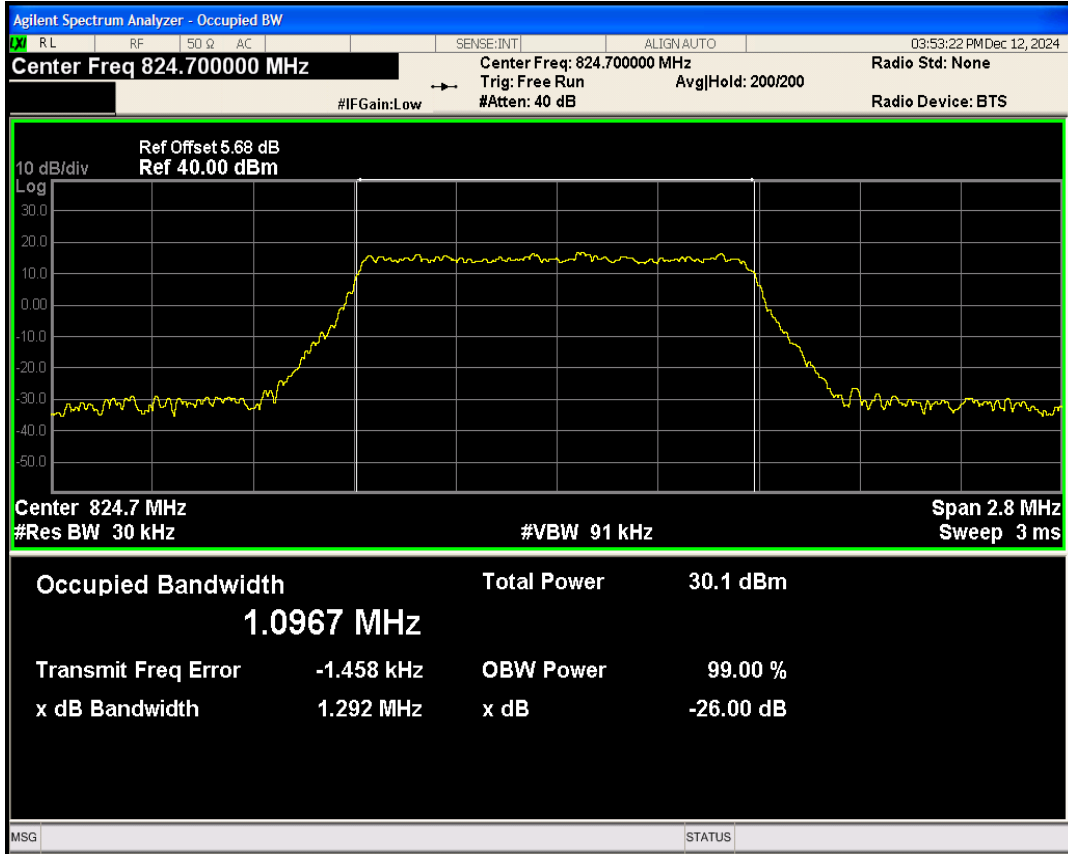
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



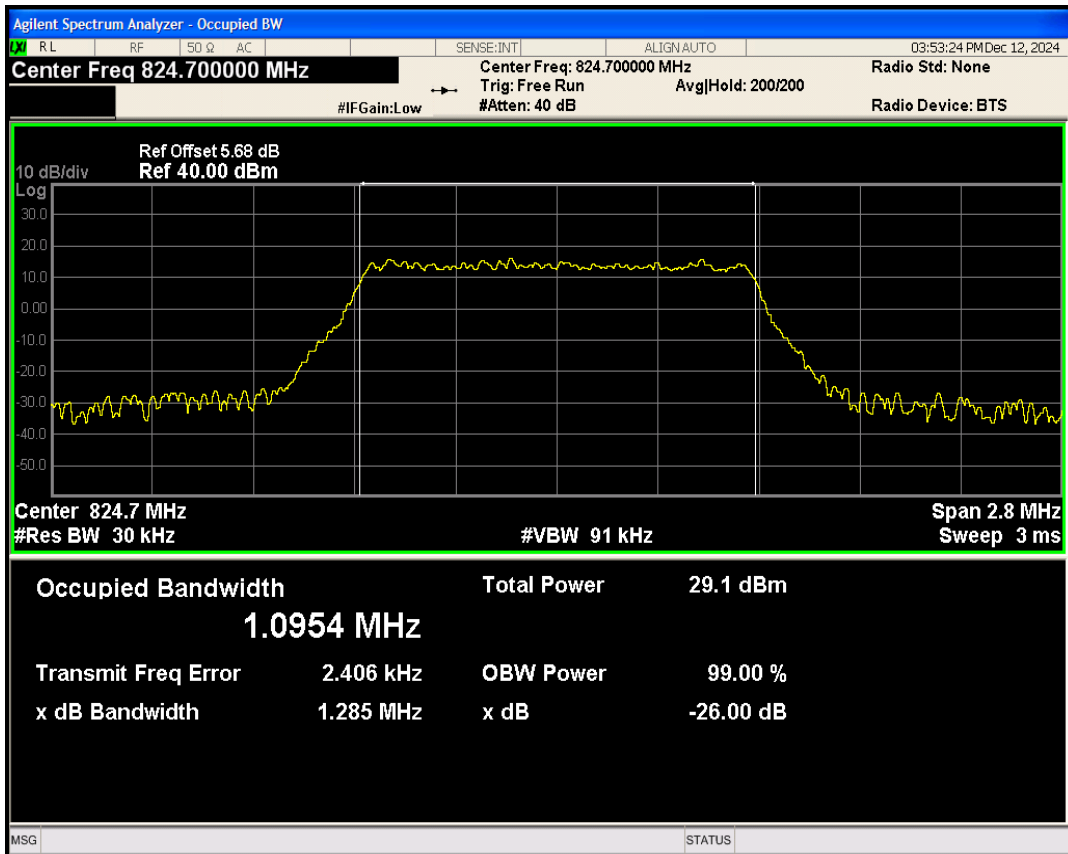
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.097	1.292	PASS
Band5	1.4	20407	6	#0	16QAM	1.095	1.285	PASS
Band5	1.4	20525	6	#0	QPSK	1.093	1.276	PASS
Band5	1.4	20525	6	#0	16QAM	1.102	1.307	PASS
Band5	1.4	20643	6	#0	QPSK	1.093	1.305	PASS
Band5	1.4	20643	6	#0	16QAM	1.088	1.262	PASS
Band5	3	20415	15	#0	QPSK	2.706	2.934	PASS
Band5	3	20415	15	#0	16QAM	2.691	2.914	PASS
Band5	3	20525	15	#0	QPSK	2.697	2.935	PASS
Band5	3	20525	15	#0	16QAM	2.704	2.954	PASS
Band5	3	20635	15	#0	QPSK	2.704	2.974	PASS
Band5	3	20635	15	#0	16QAM	2.695	2.963	PASS
Band5	5	20425	25	#0	QPSK	4.509	4.909	PASS
Band5	5	20425	25	#0	16QAM	4.528	4.923	PASS
Band5	5	20525	25	#0	QPSK	4.518	4.989	PASS
Band5	5	20525	25	#0	16QAM	4.510	4.903	PASS
Band5	5	20625	25	#0	QPSK	4.503	4.935	PASS
Band5	5	20625	25	#0	16QAM	4.508	4.935	PASS
Band5	10	20450	50	#0	QPSK	8.983	9.667	PASS
Band5	10	20450	50	#0	16QAM	8.991	9.665	PASS
Band5	10	20525	50	#0	QPSK	9.039	9.758	PASS
Band5	10	20525	50	#0	16QAM	9.014	9.783	PASS
Band5	10	20600	50	#0	QPSK	8.964	9.784	PASS
Band5	10	20600	50	#0	16QAM	8.985	9.669	PASS

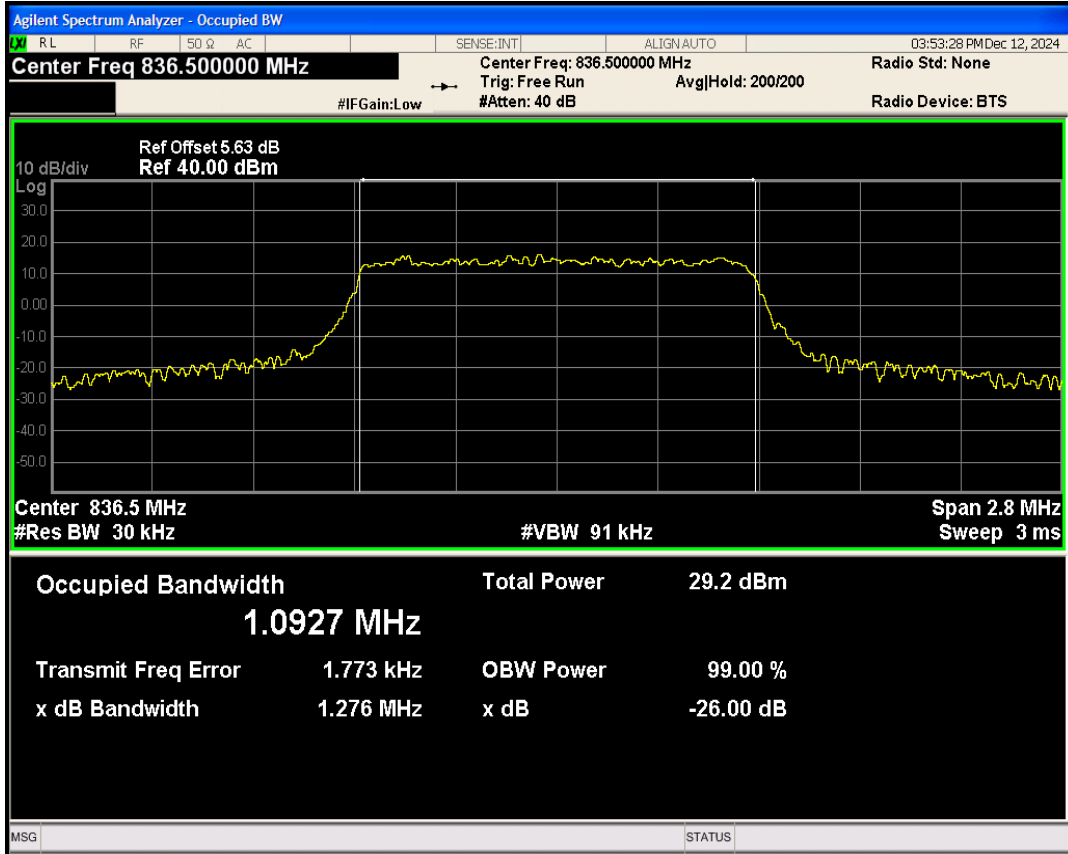
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



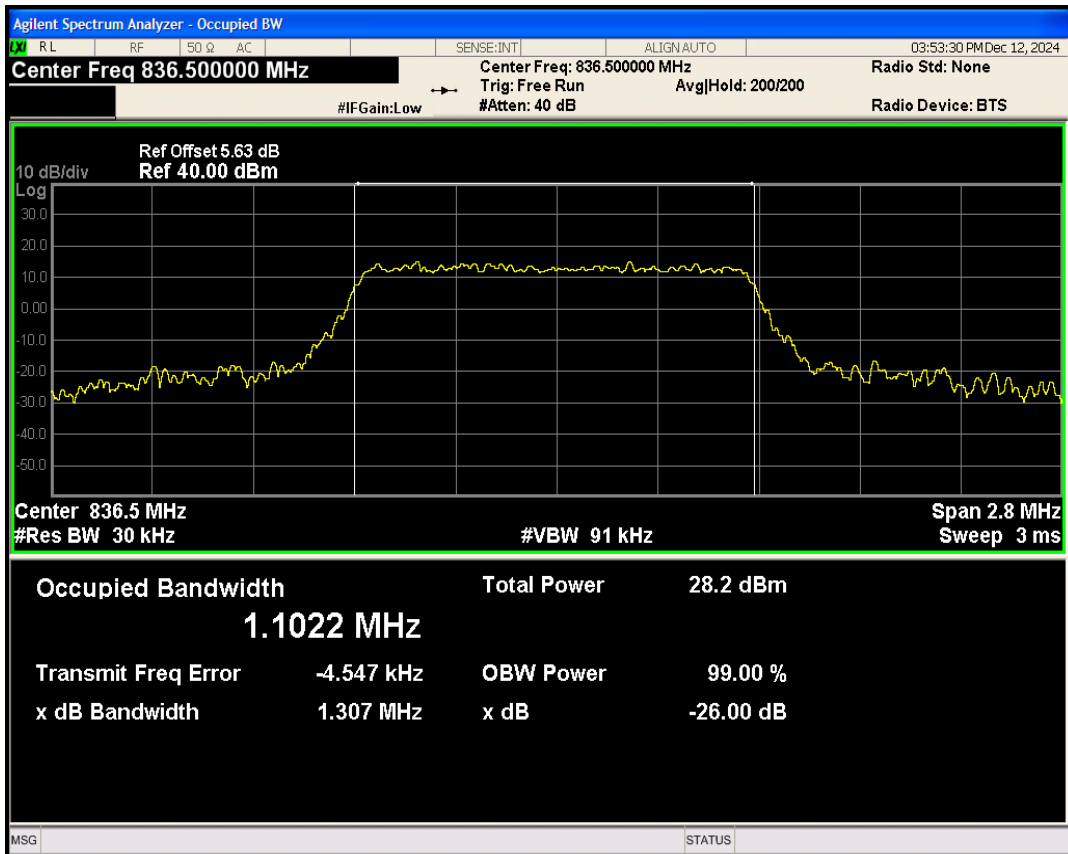
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



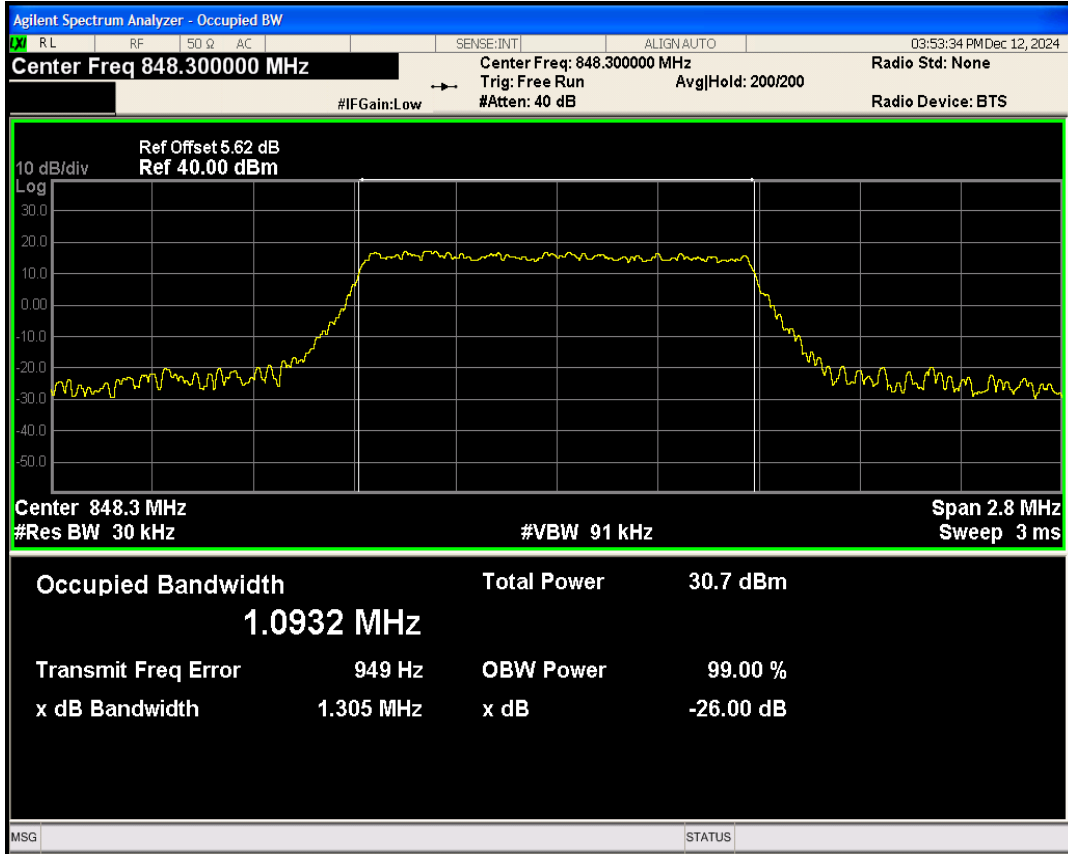
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



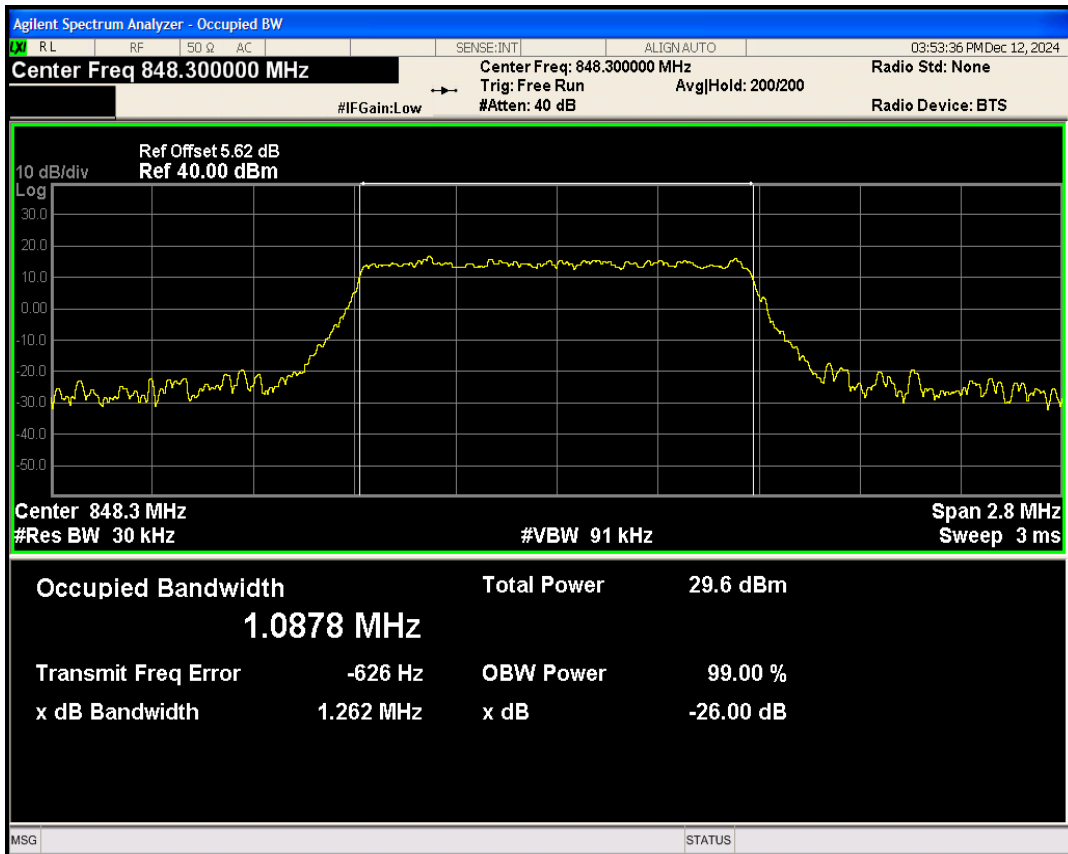
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



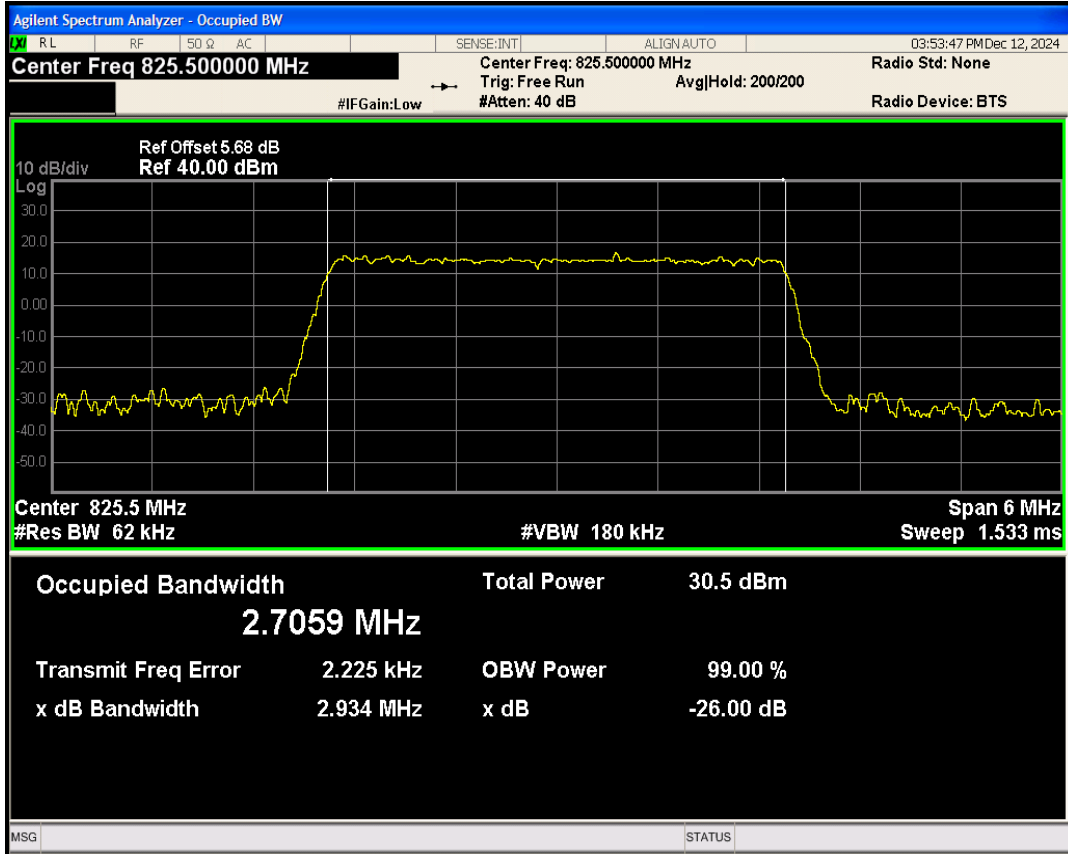
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



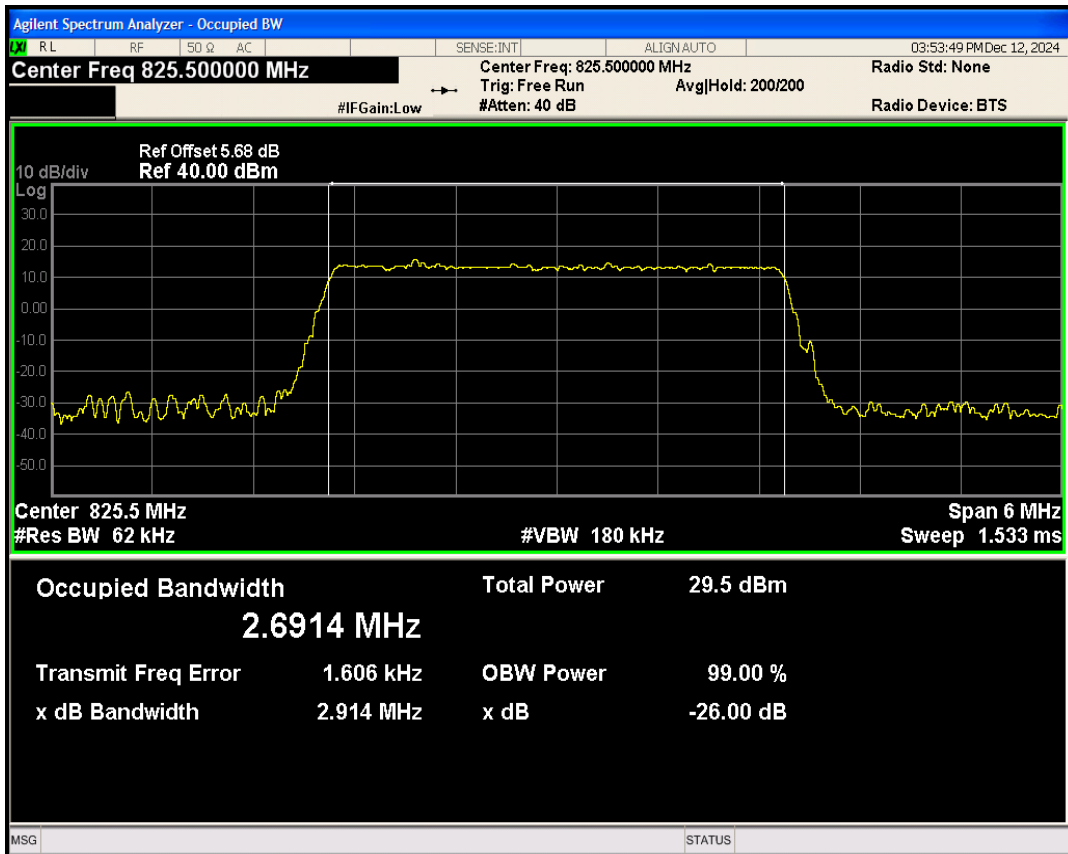
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



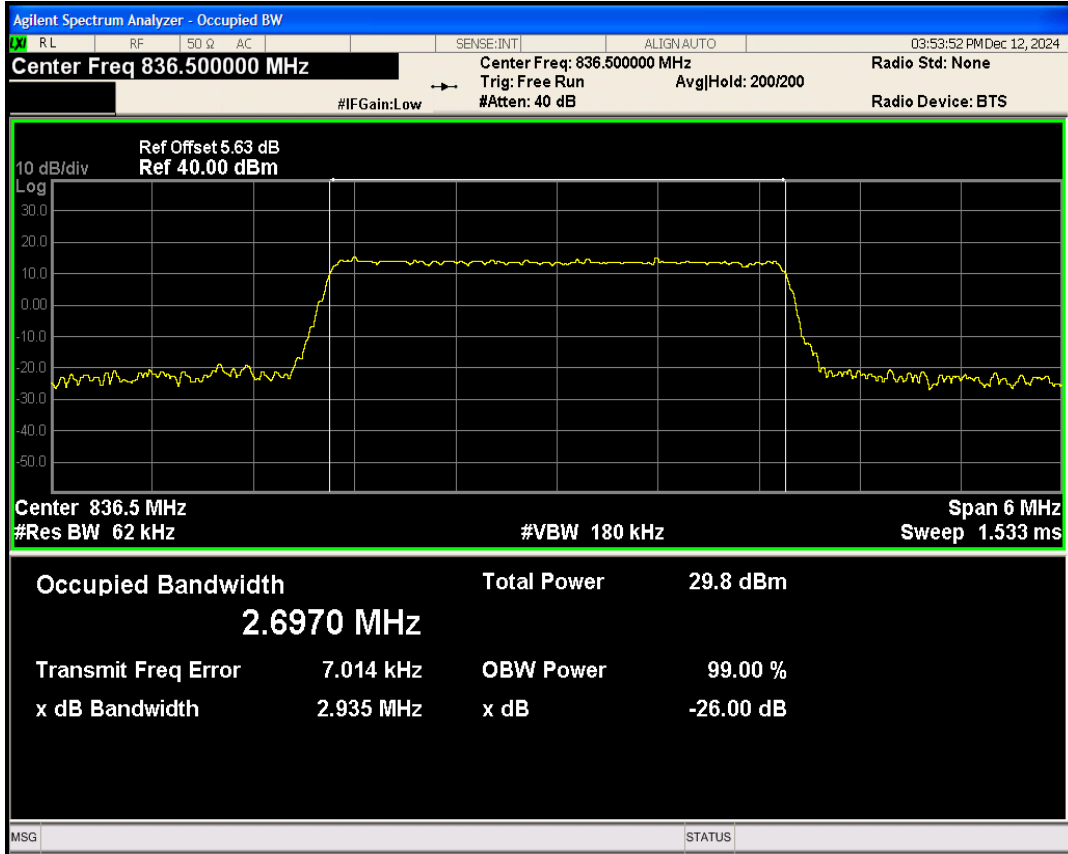
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



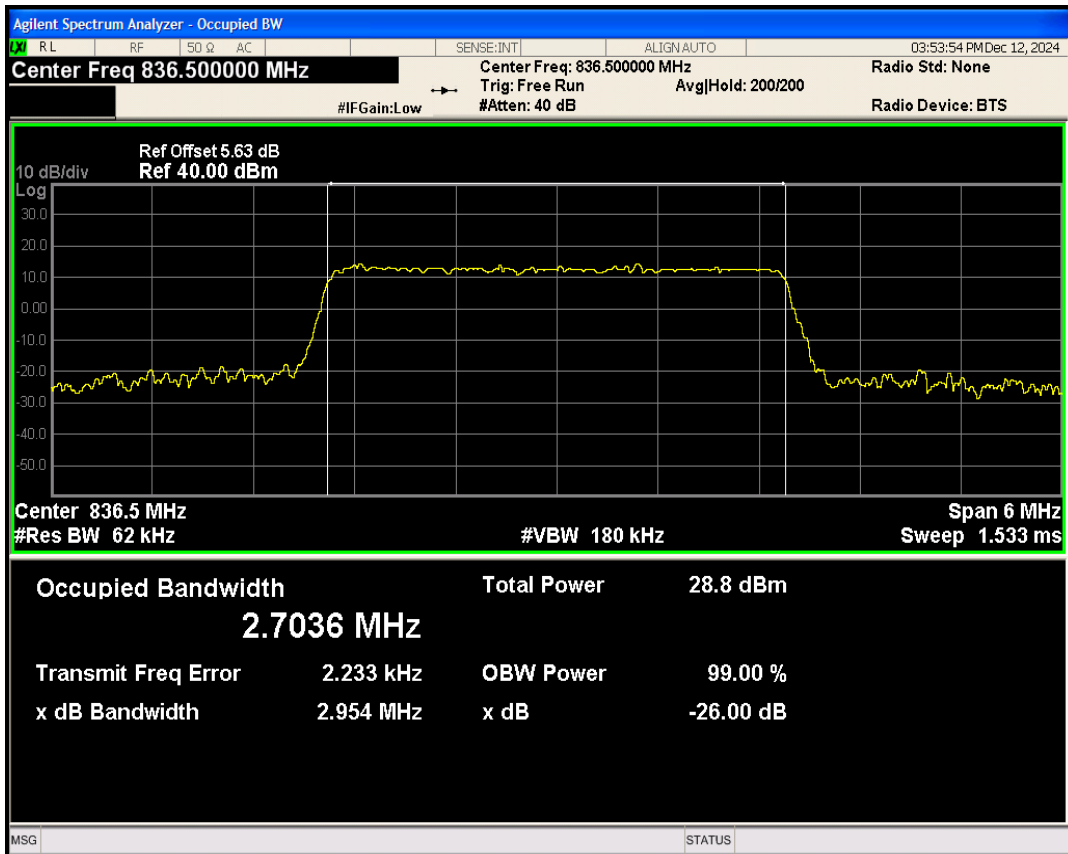
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



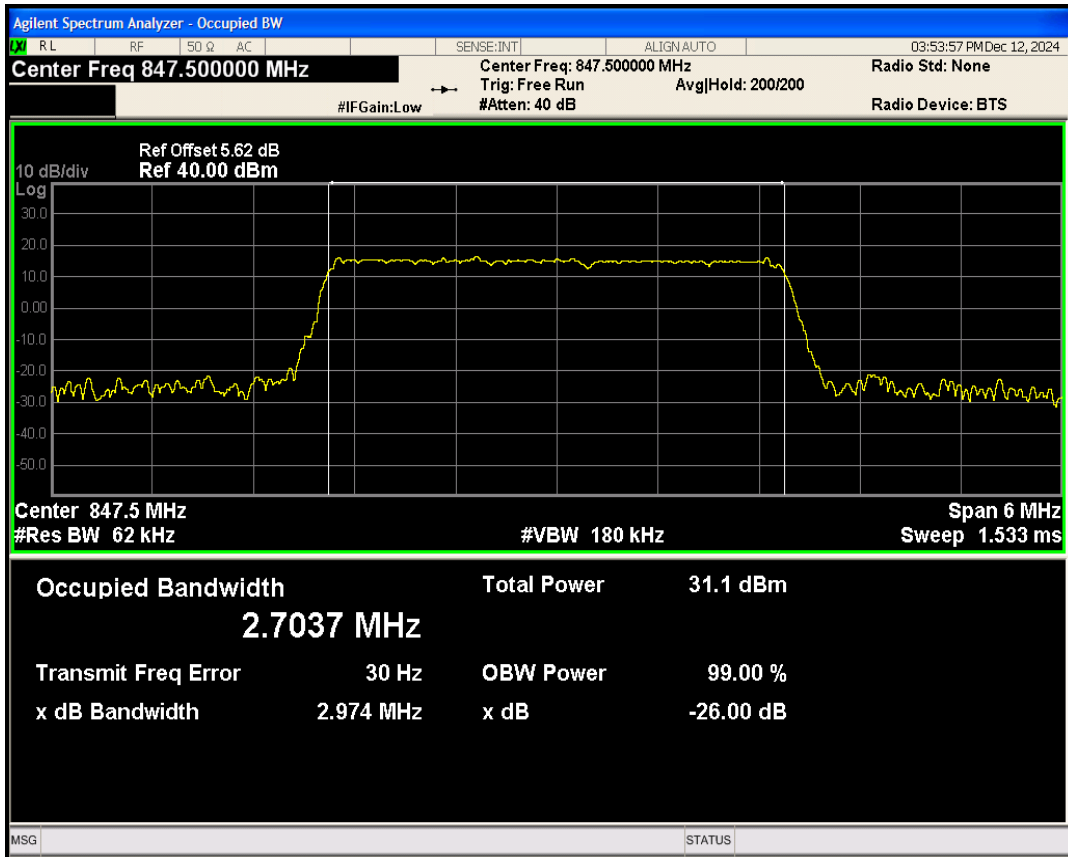
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



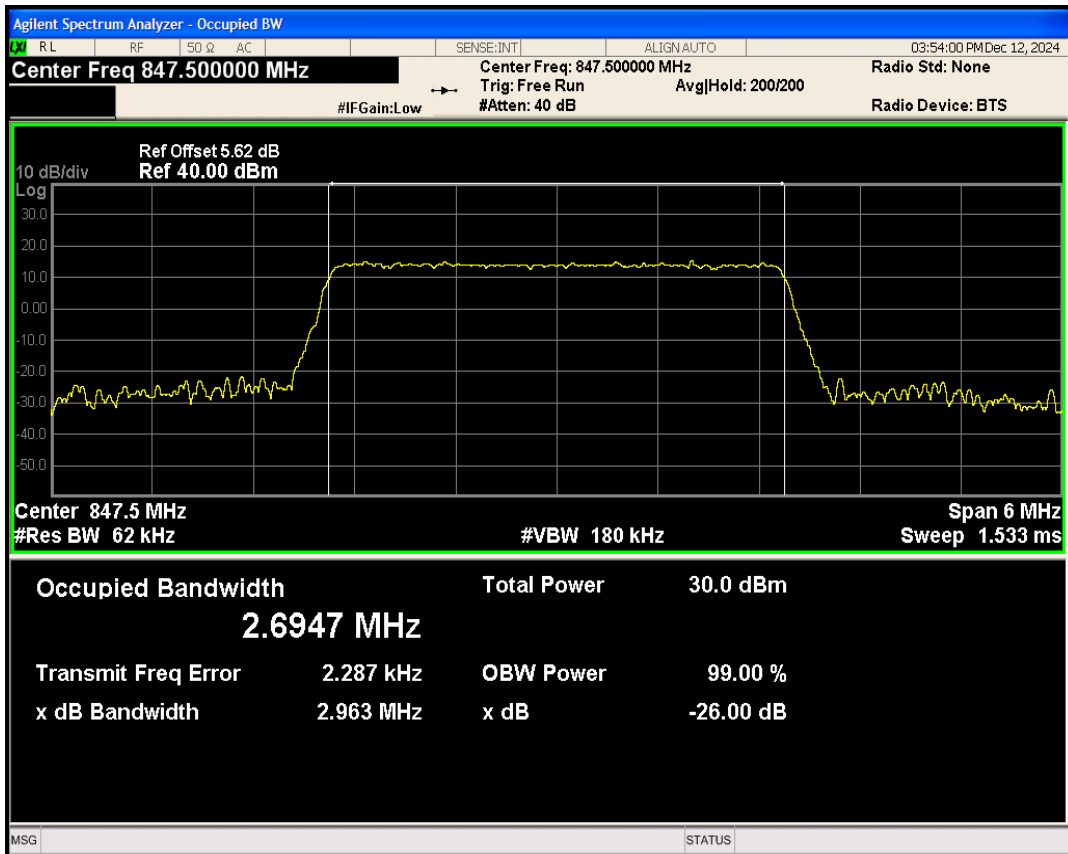
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



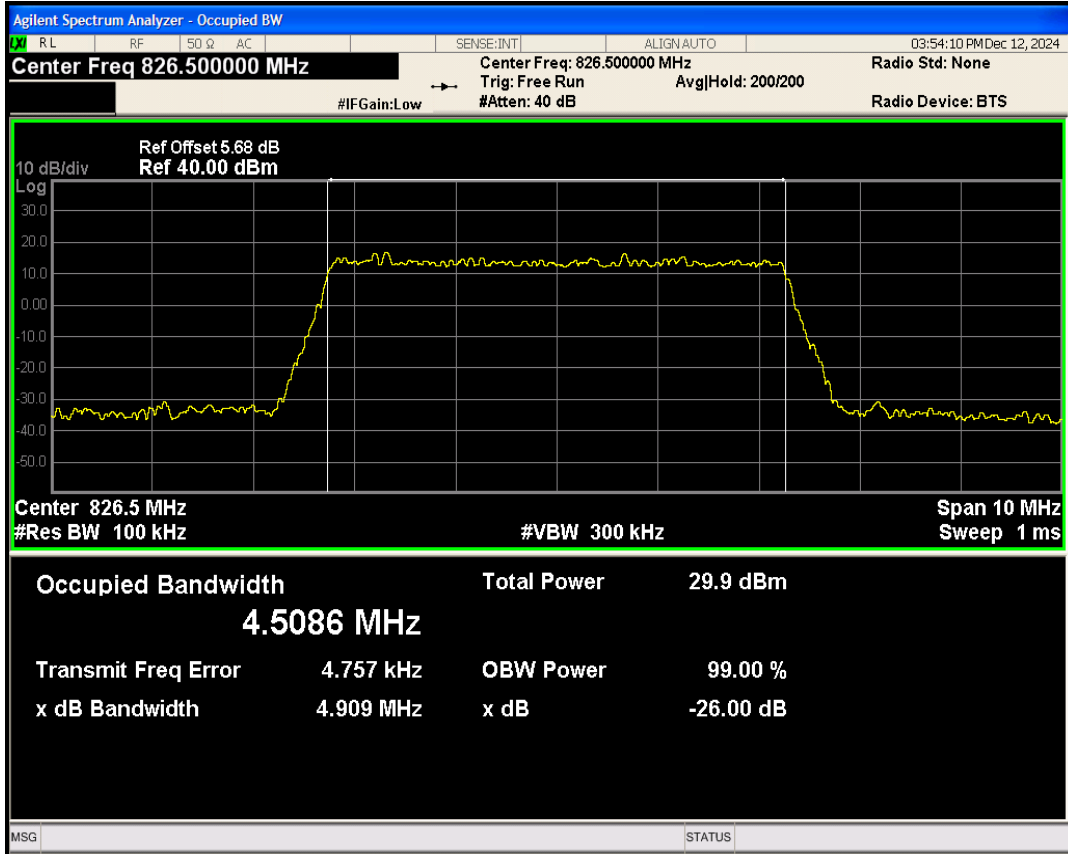
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



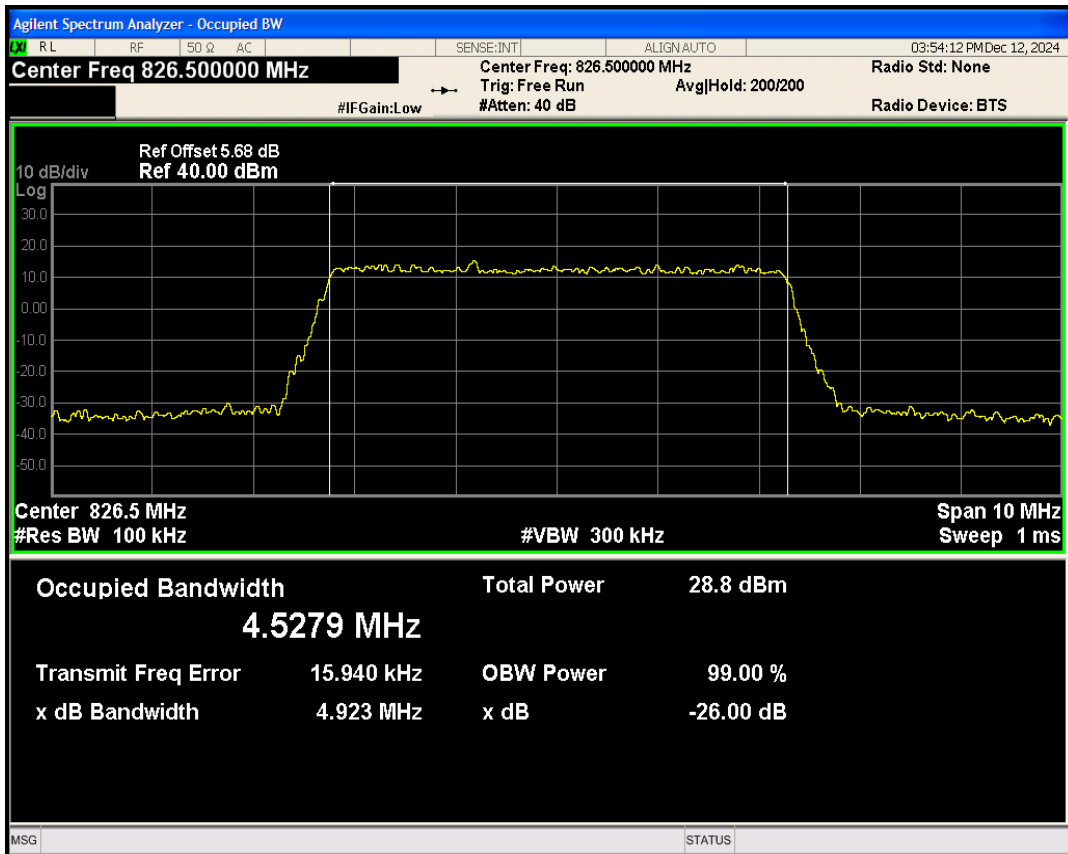
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



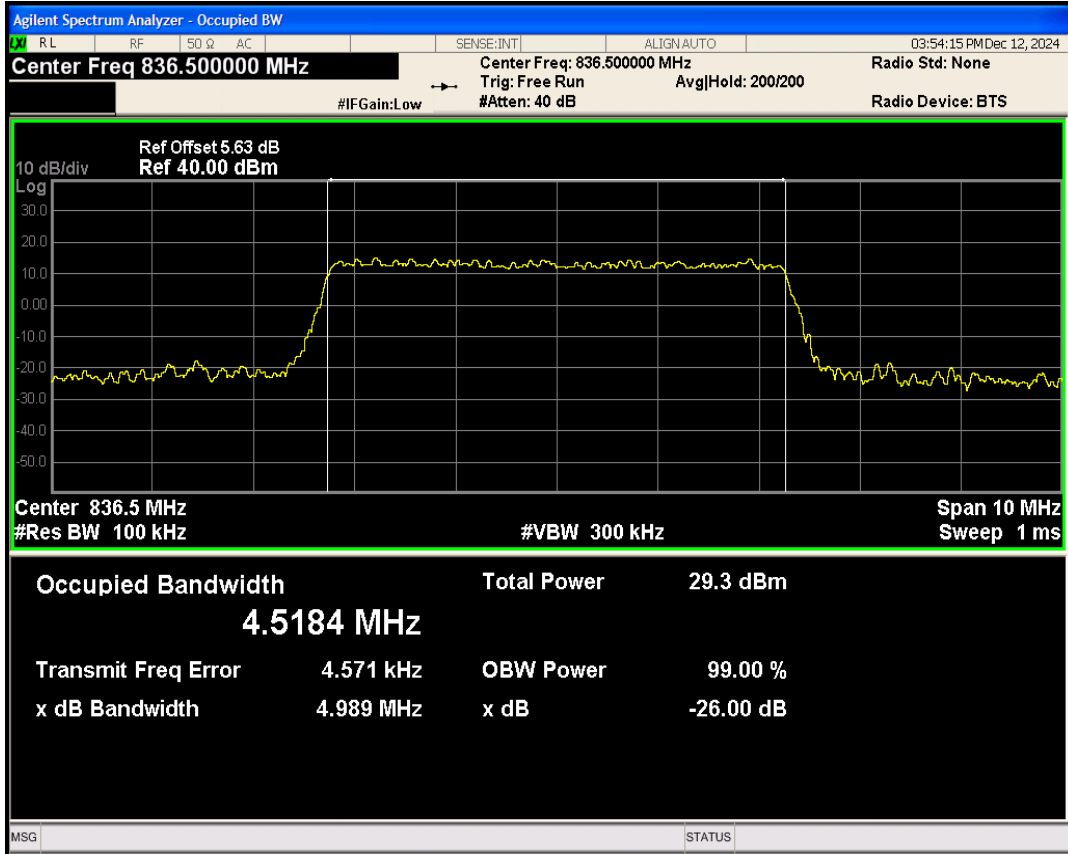
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



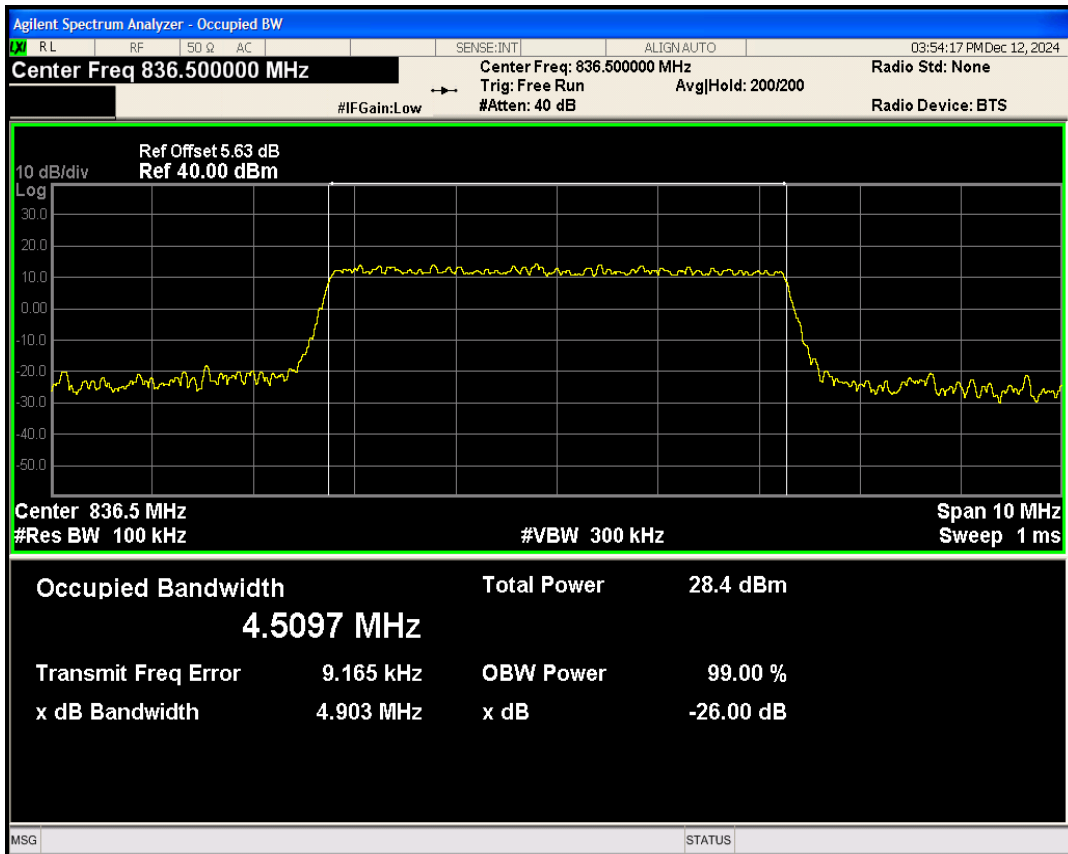
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



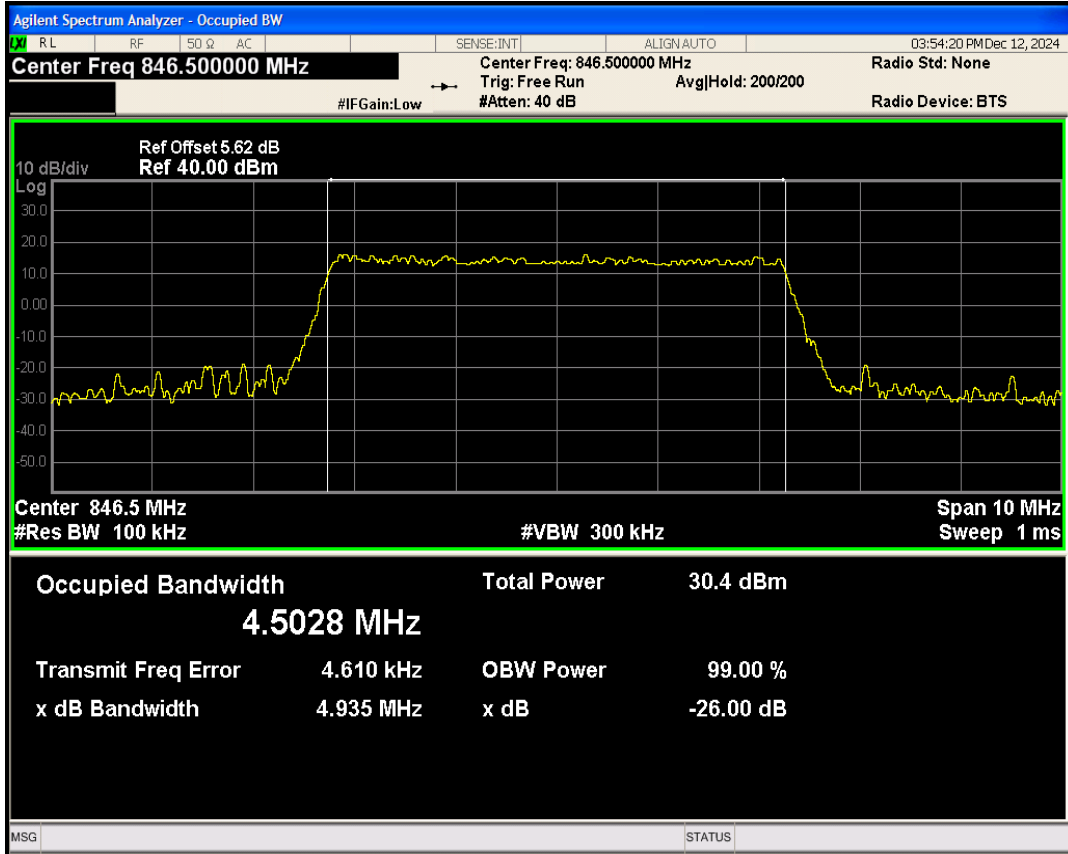
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



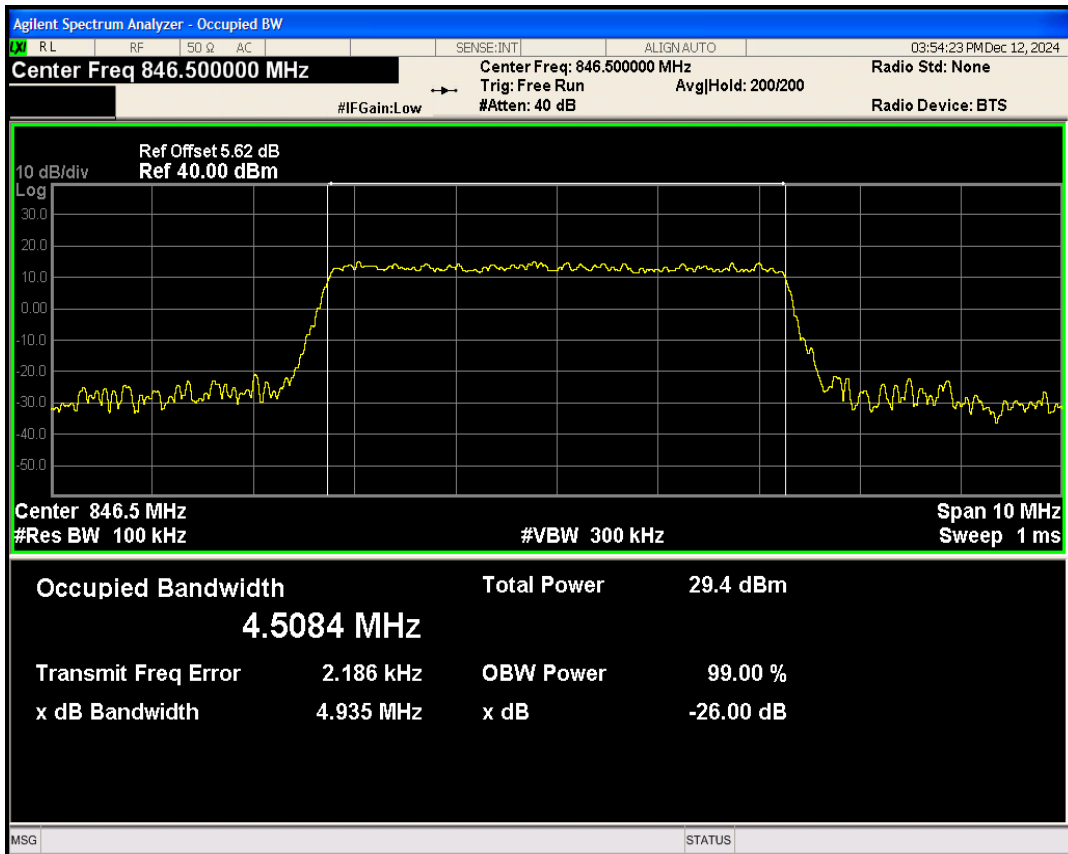
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



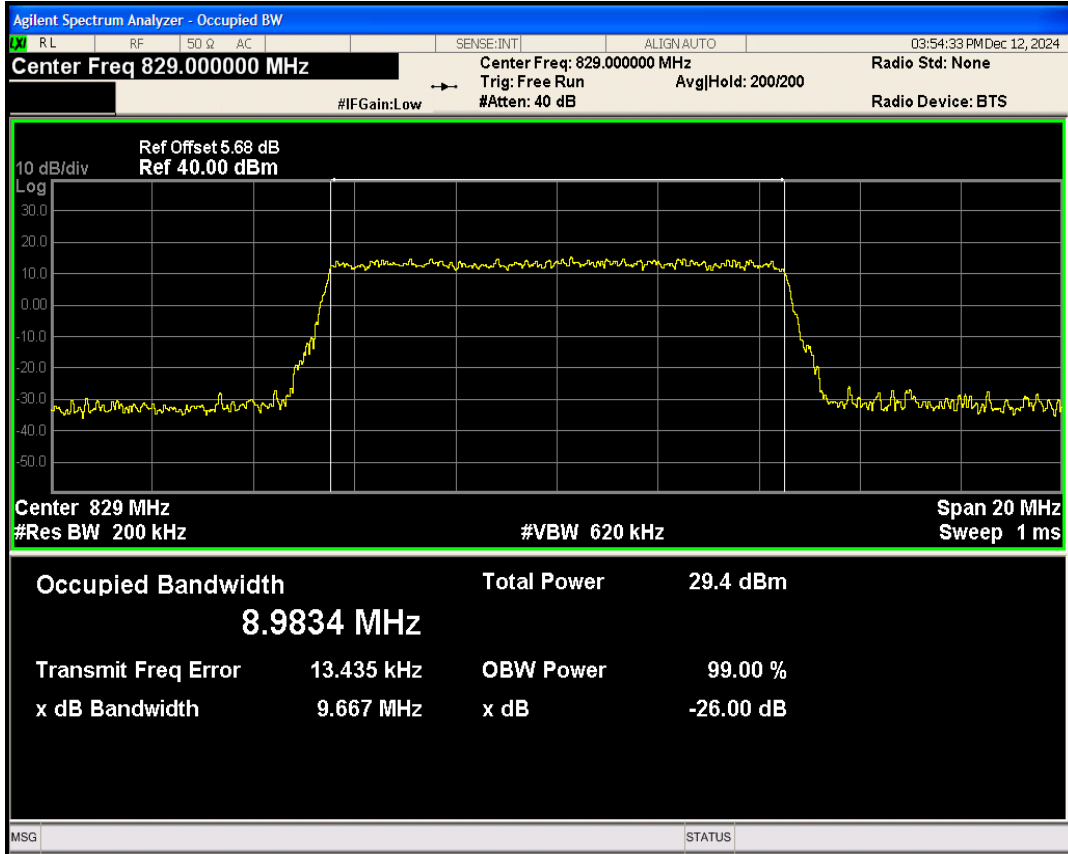
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



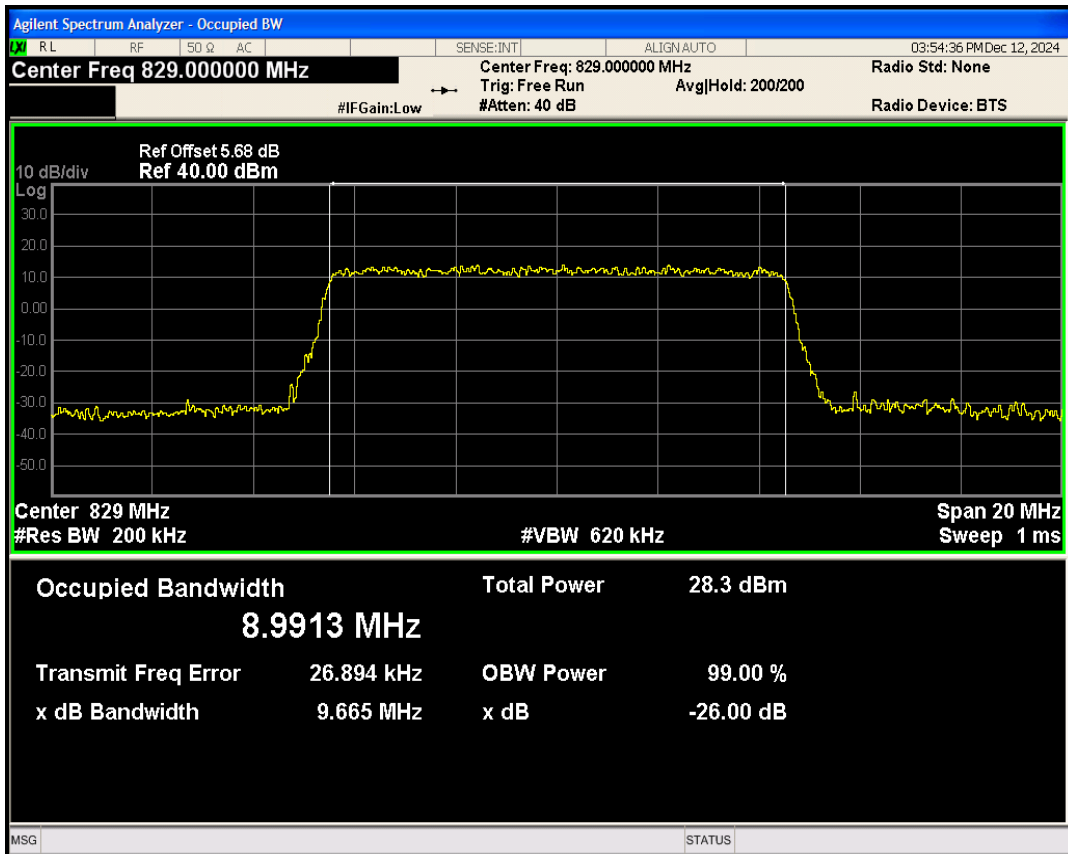
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



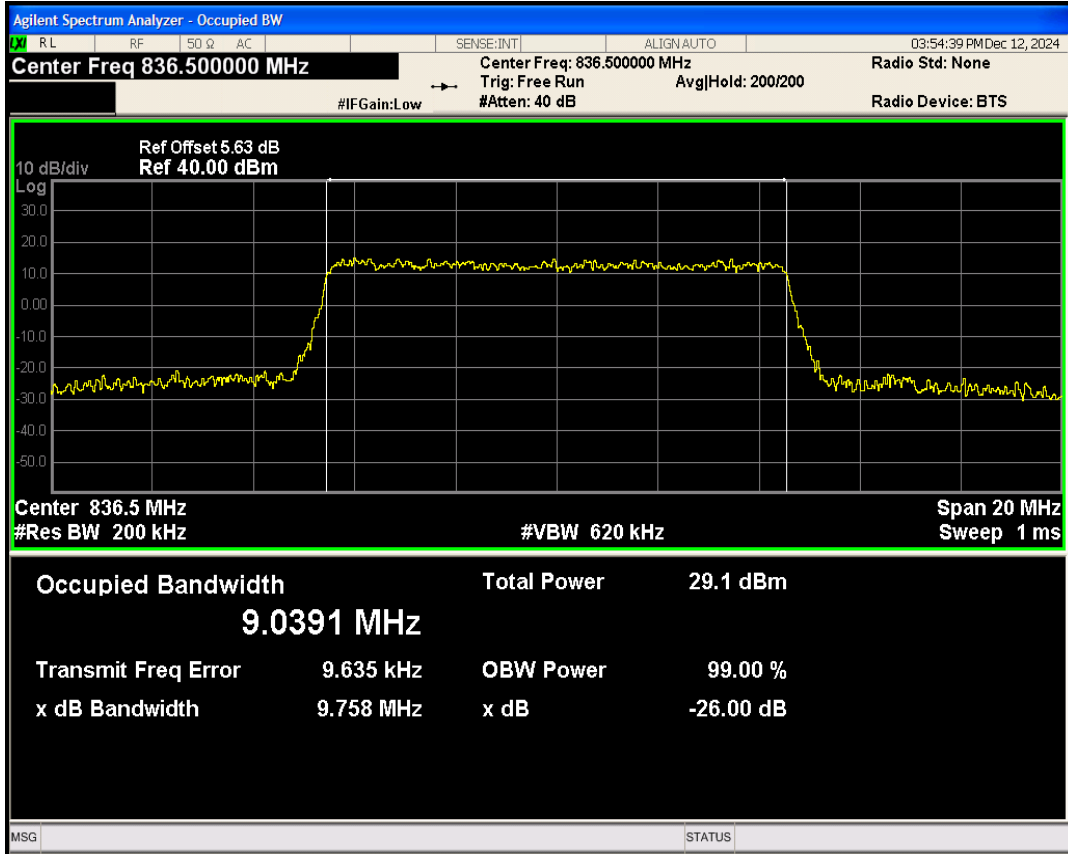
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



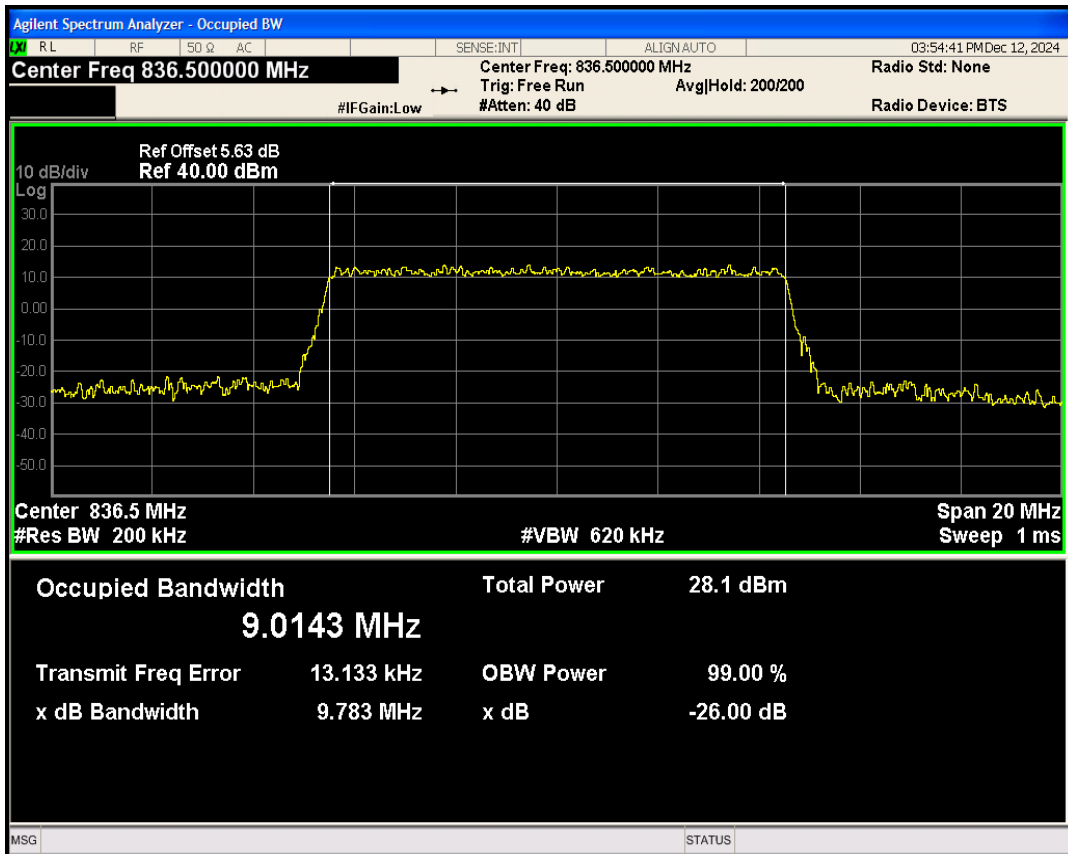
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



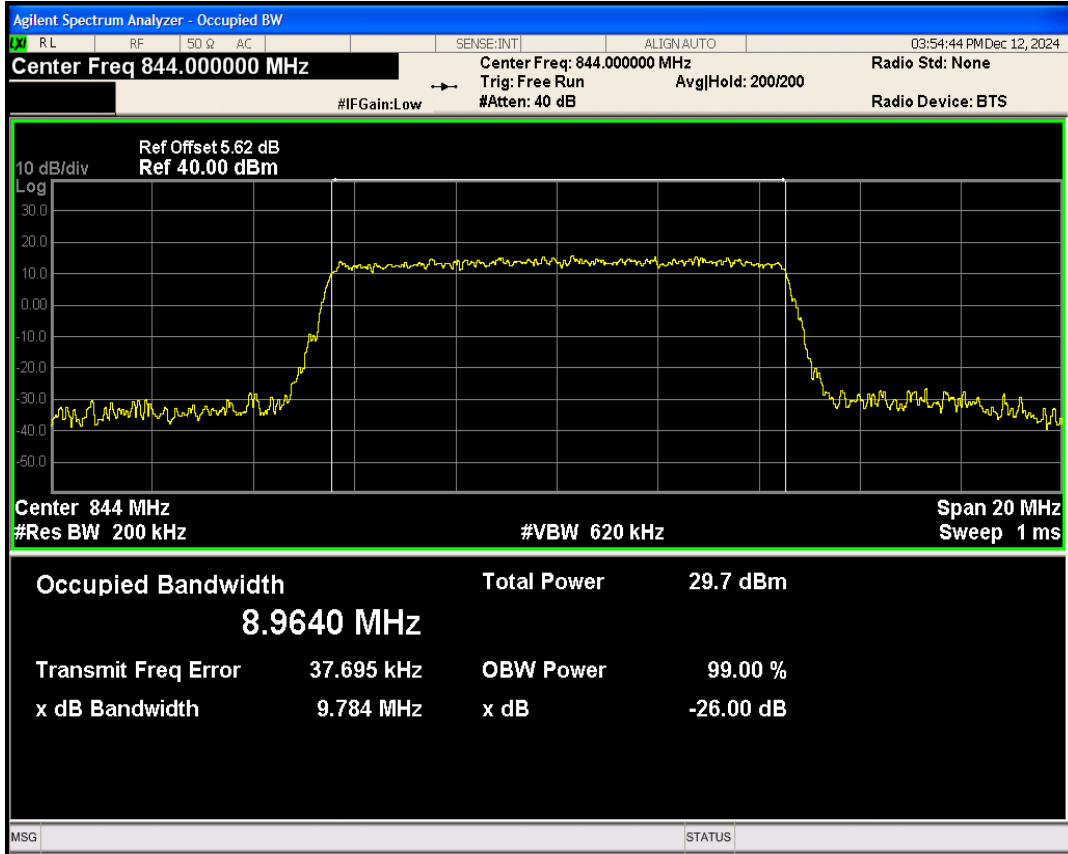
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



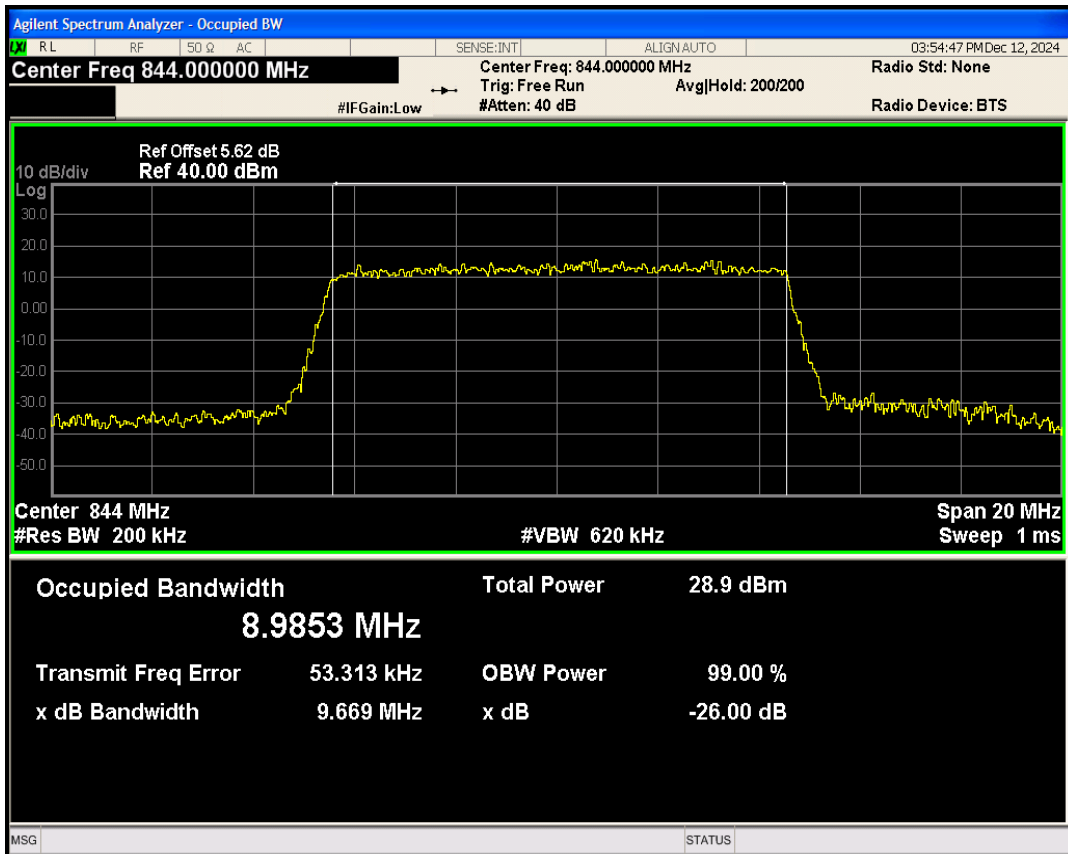
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



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



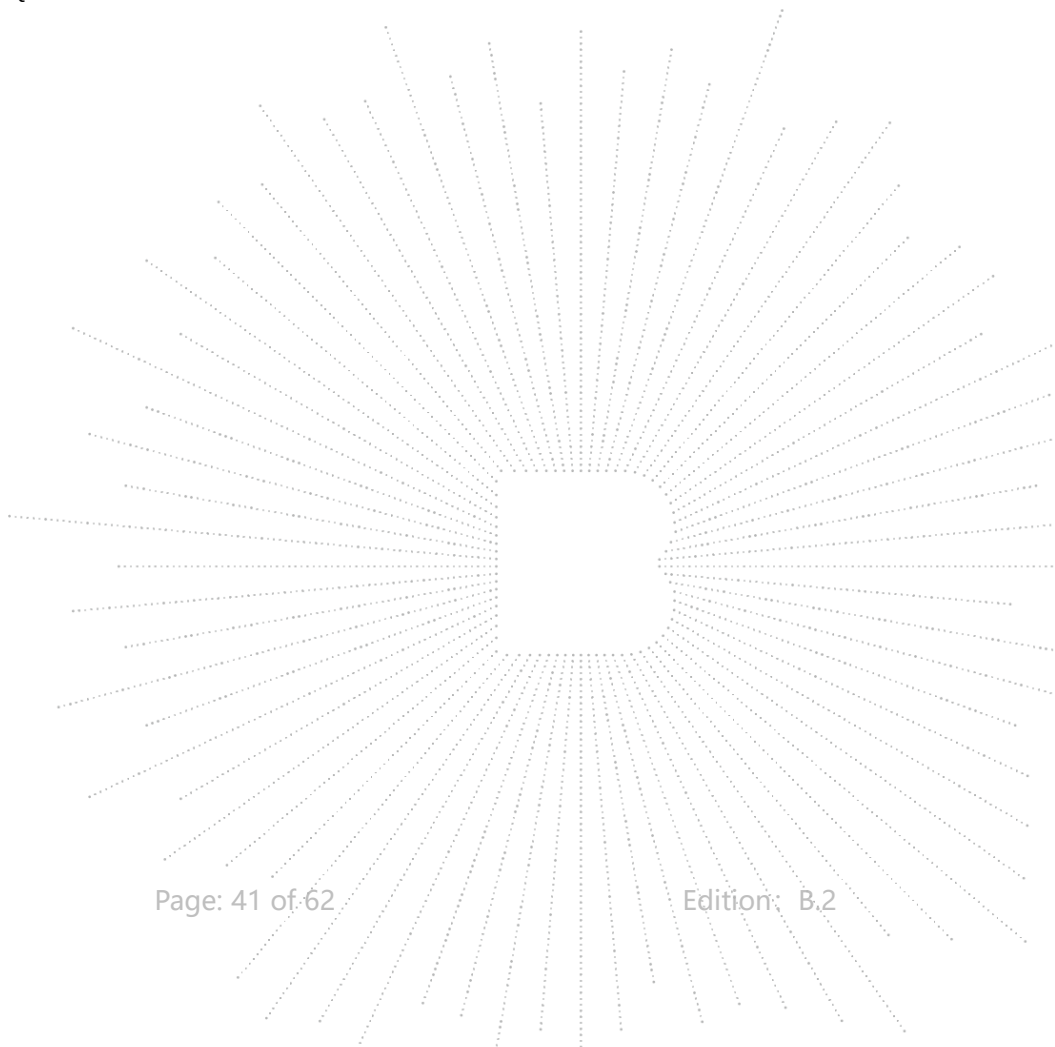
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0

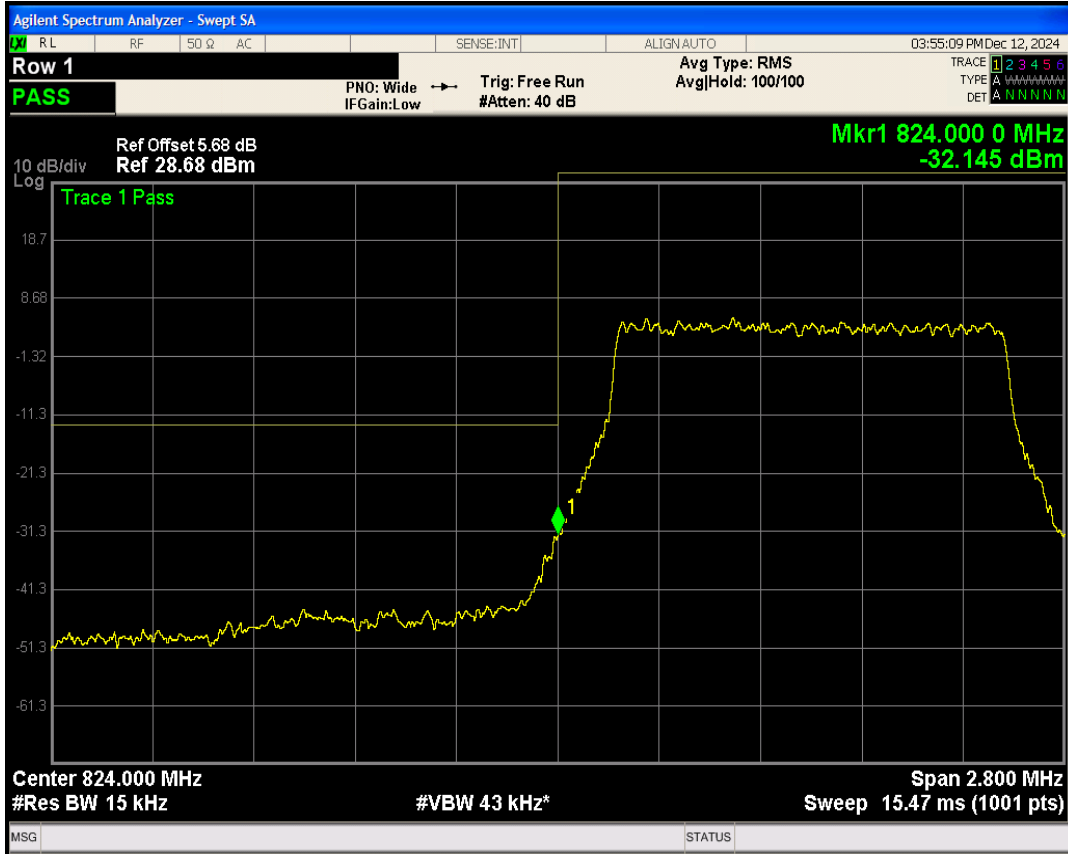


Appendix 5. Band edge

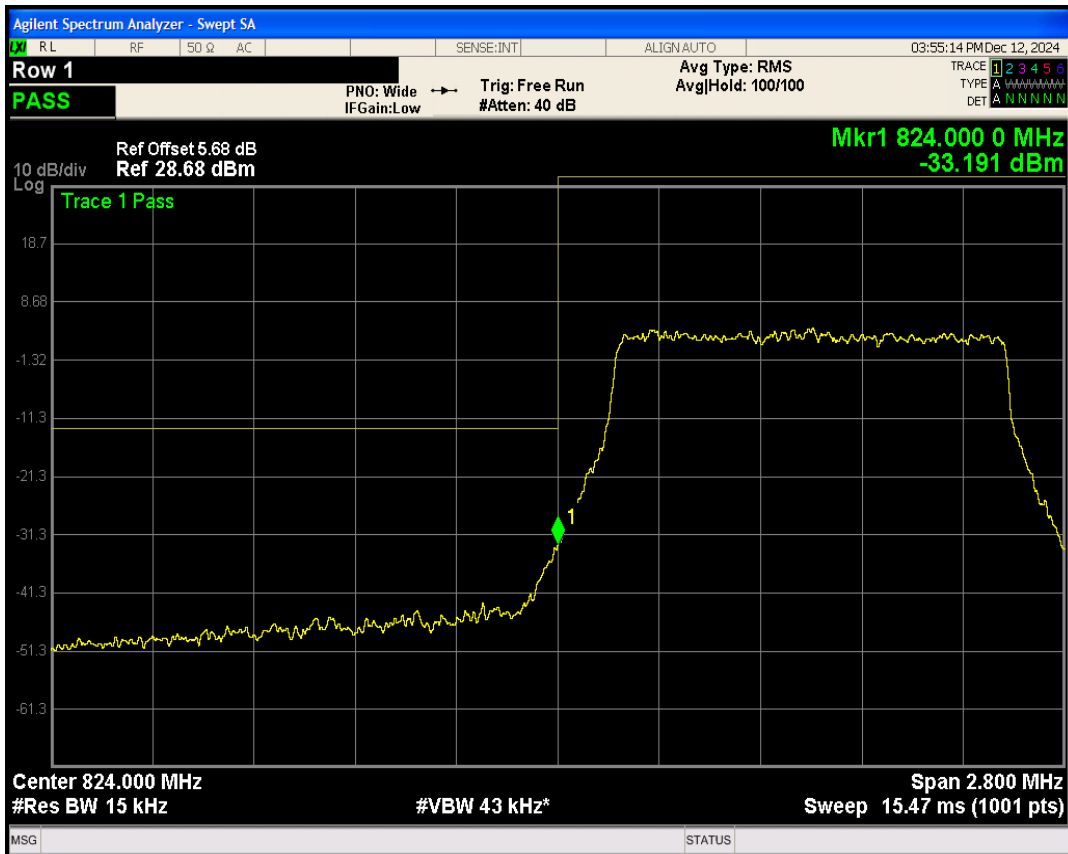
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	824.00	-32.14	-13	PASS
Band5	1.4	20407	6	#0	16QAM	824.00	-33.19	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.00	-30.52	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.00	-31.28	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-32.86	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-32.37	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-31.49	-13	PASS
Band5	3	20635	15	#0	16QAM	849.00	-33.66	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-32.06	-13	PASS
Band5	5	20425	25	#0	16QAM	824.00	-31.10	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-31.77	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-33.91	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-35.31	-13	PASS
Band5	10	20450	50	#0	16QAM	824.00	-35.91	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-36.23	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-36.50	-13	PASS

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

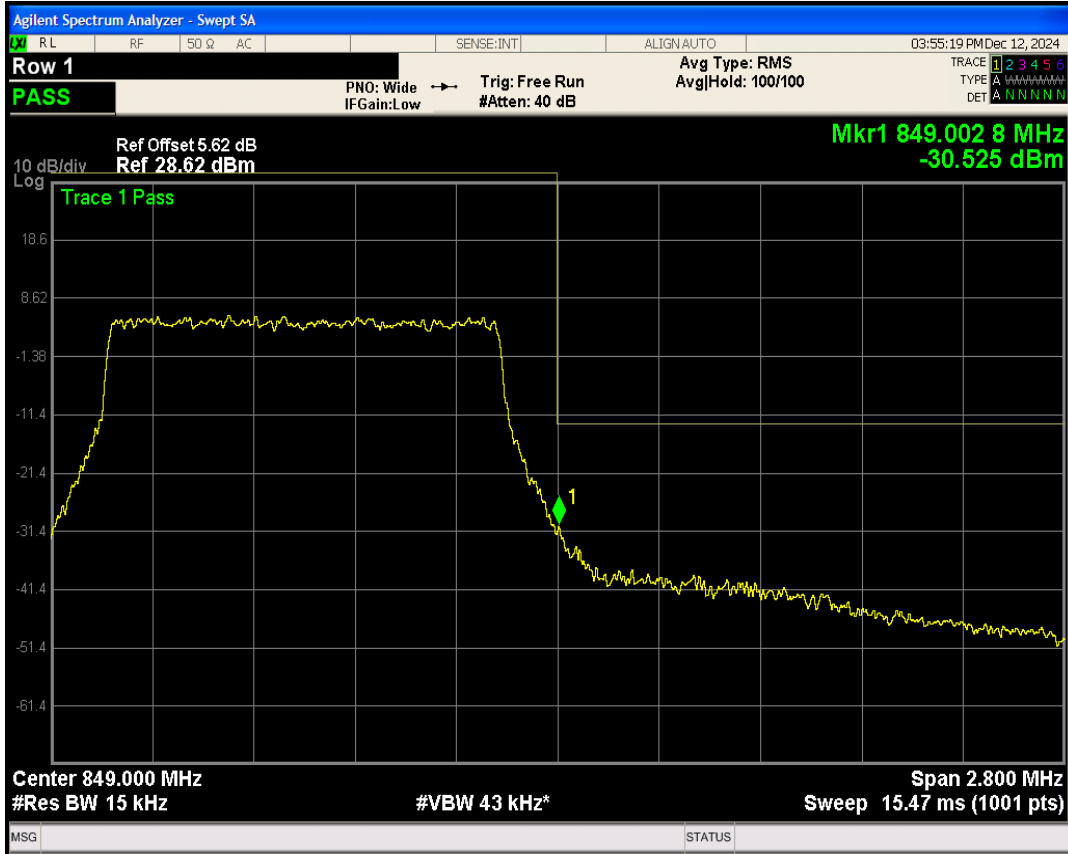




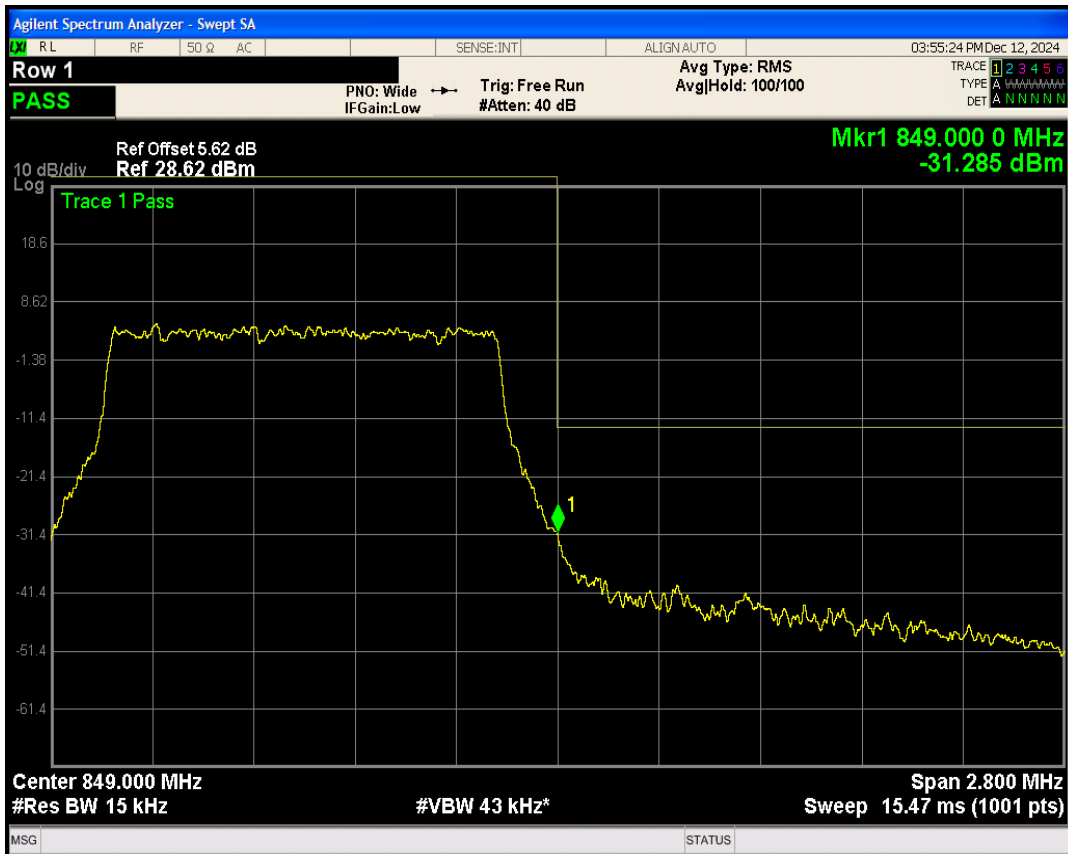
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



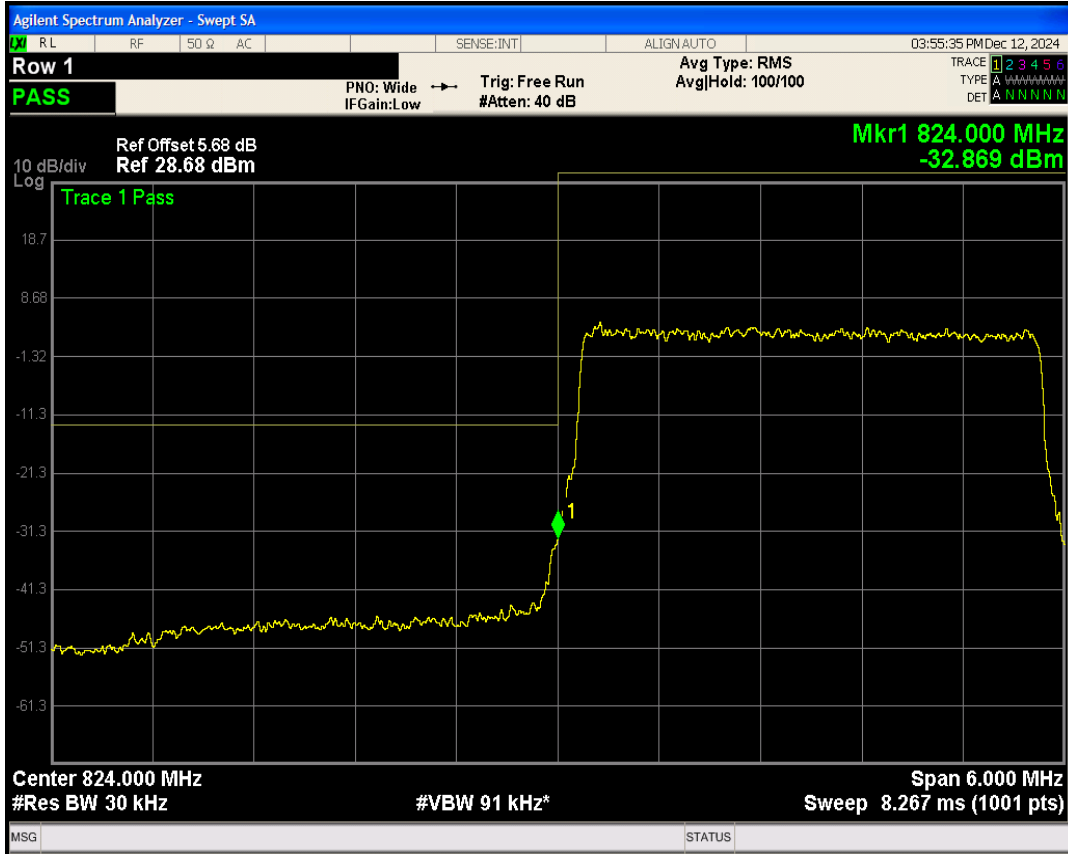
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



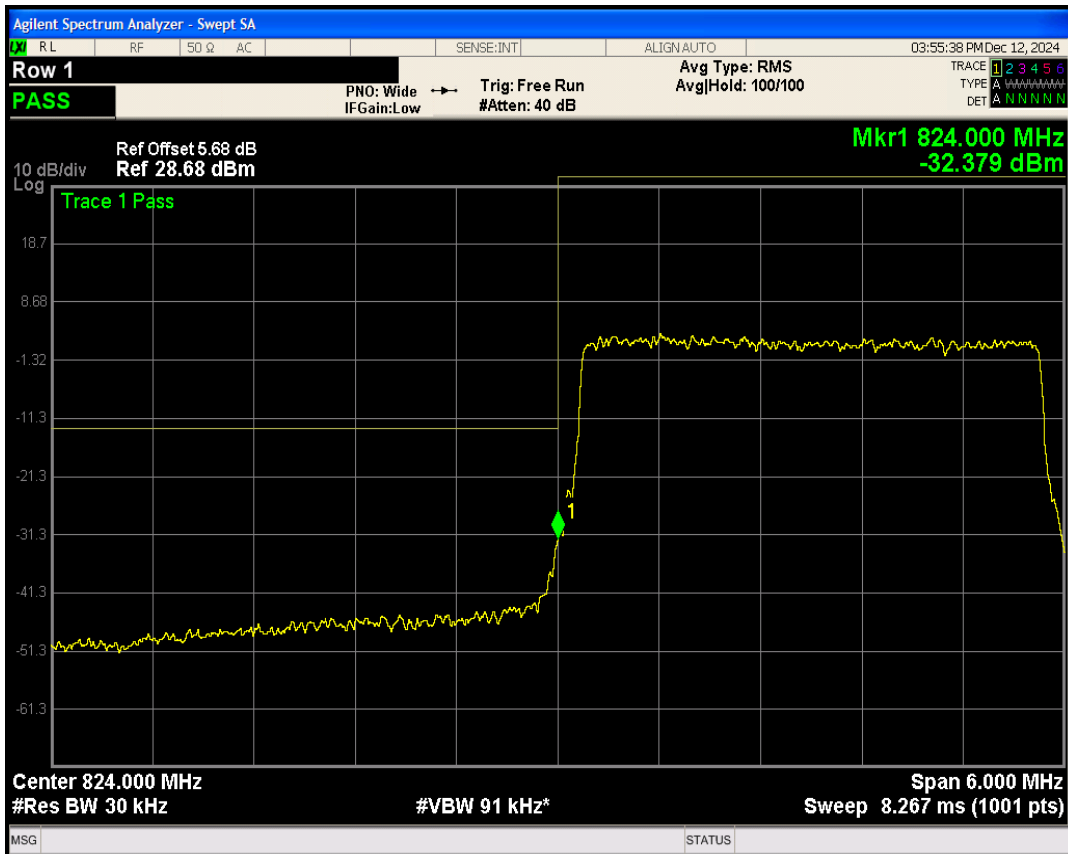
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



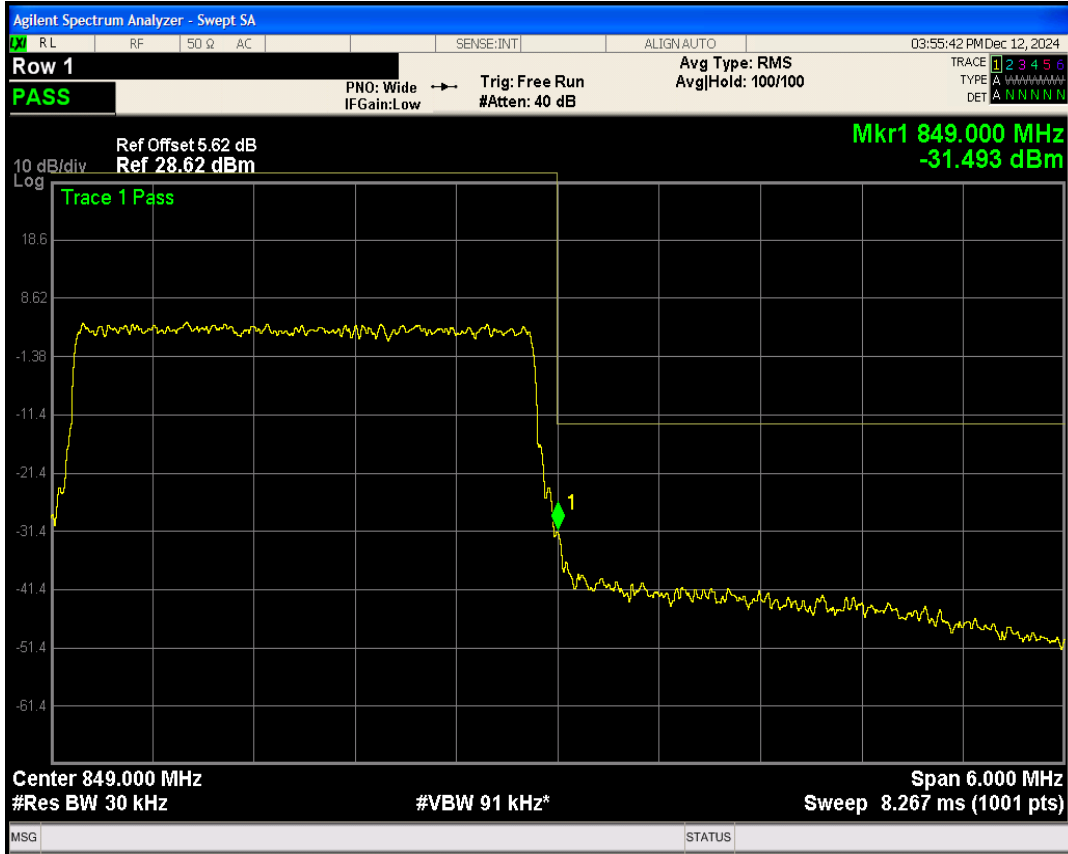
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



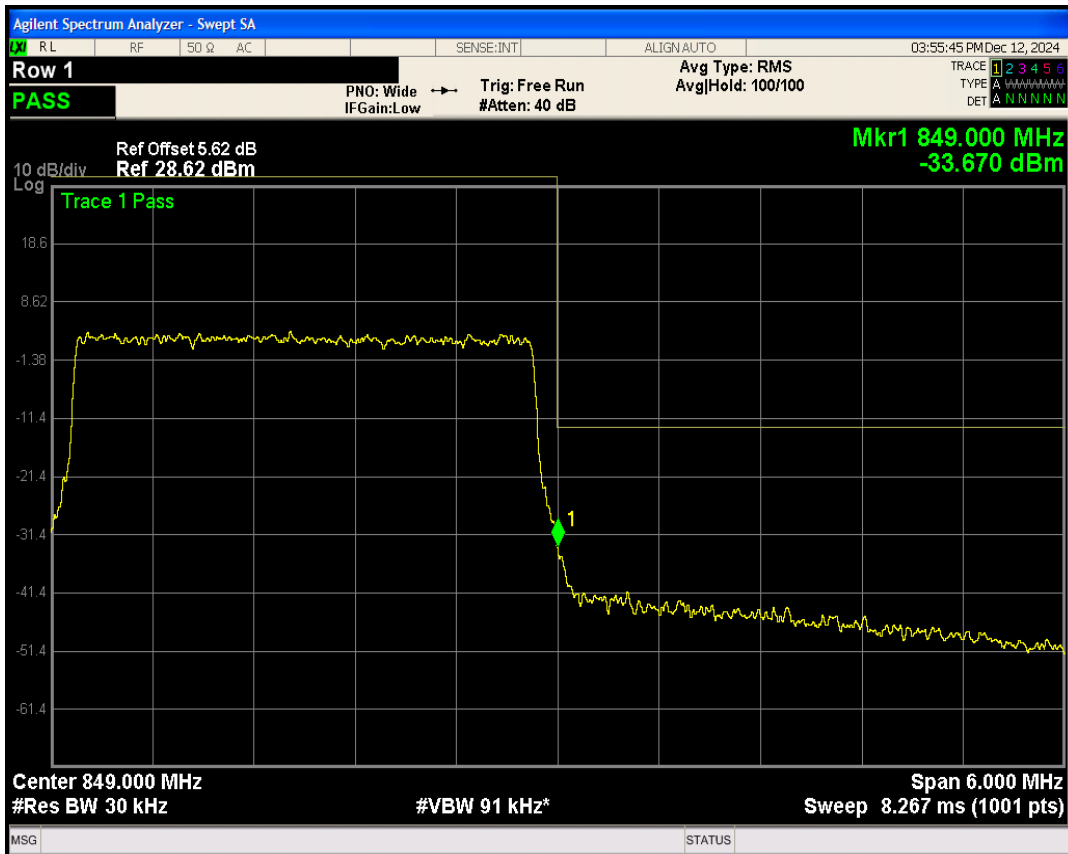
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



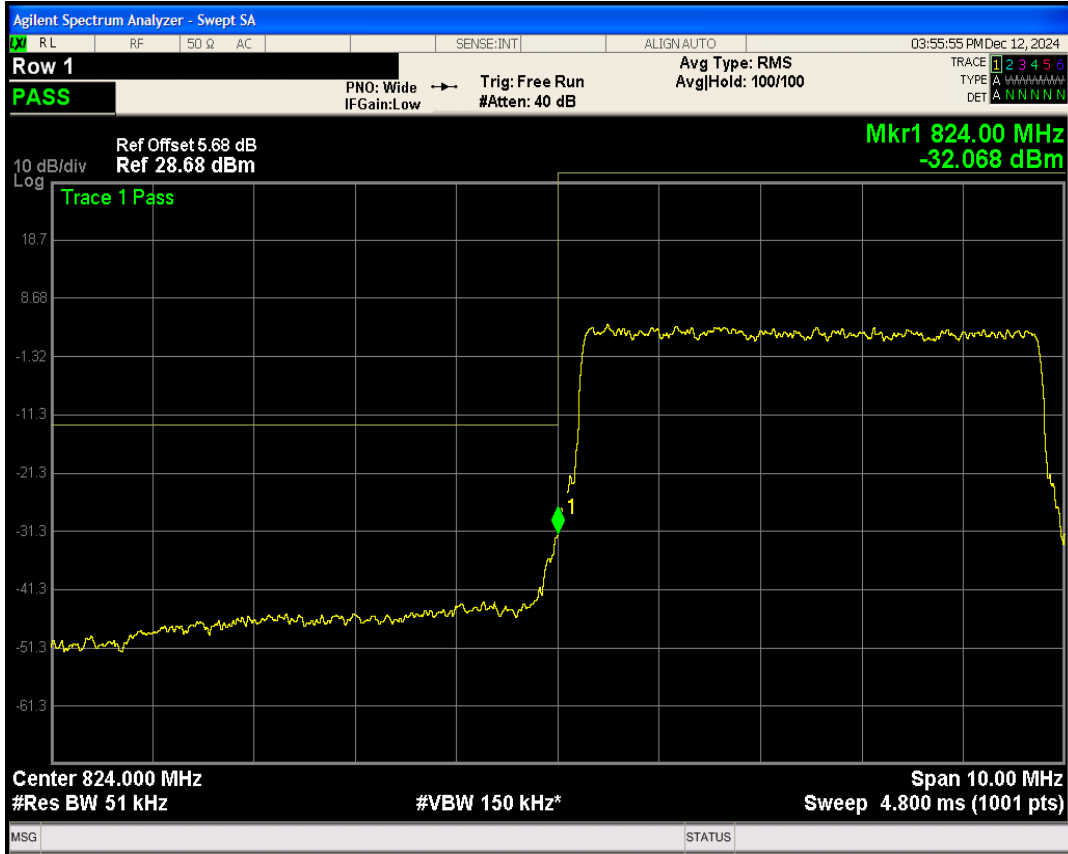
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



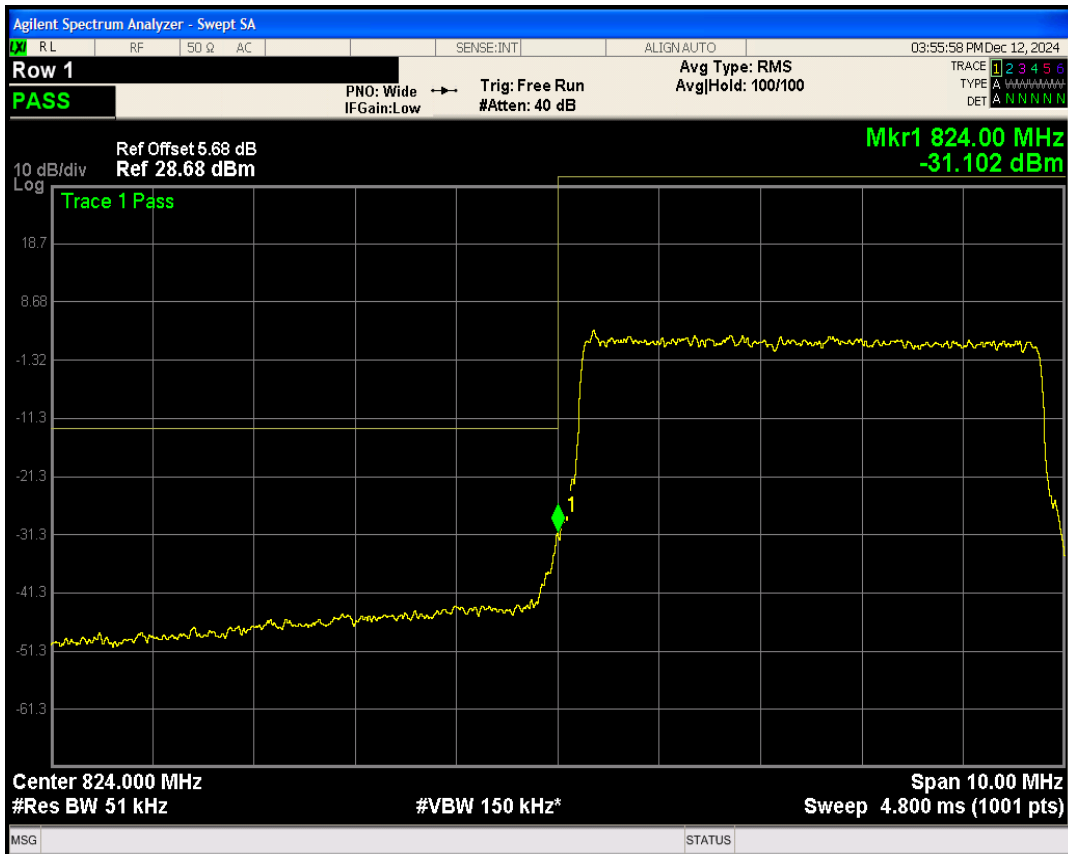
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



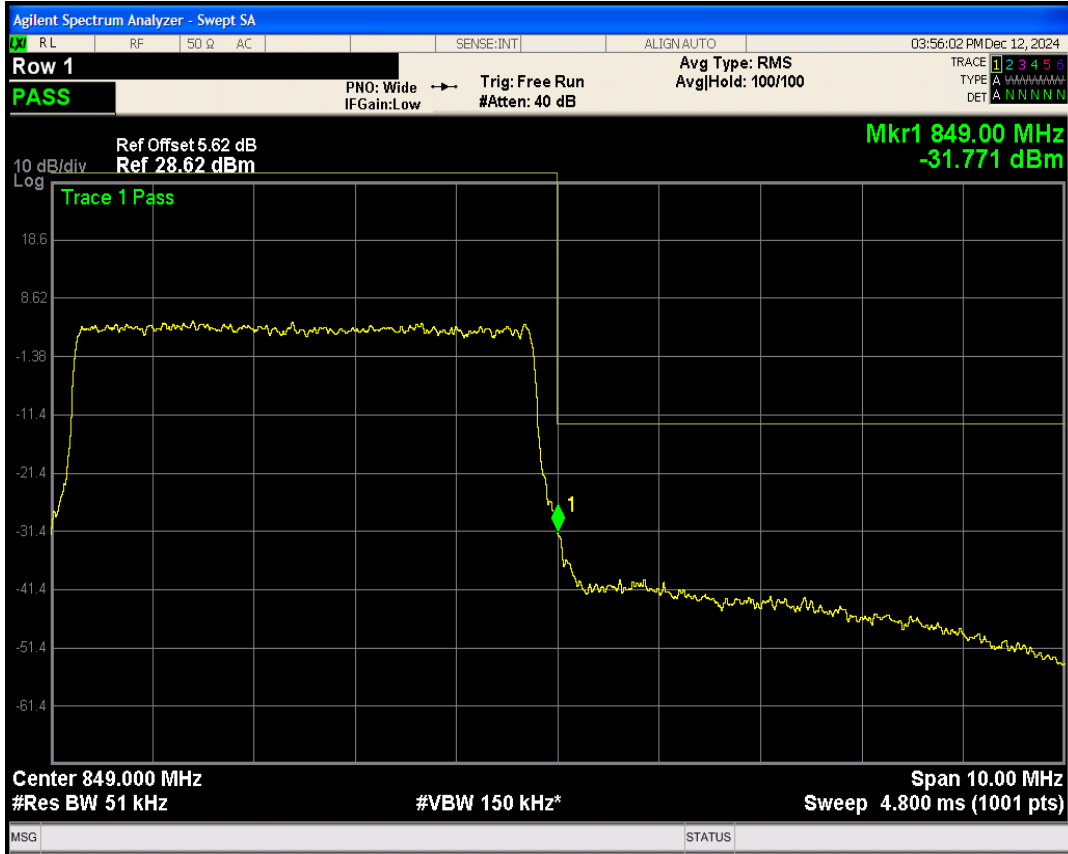
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



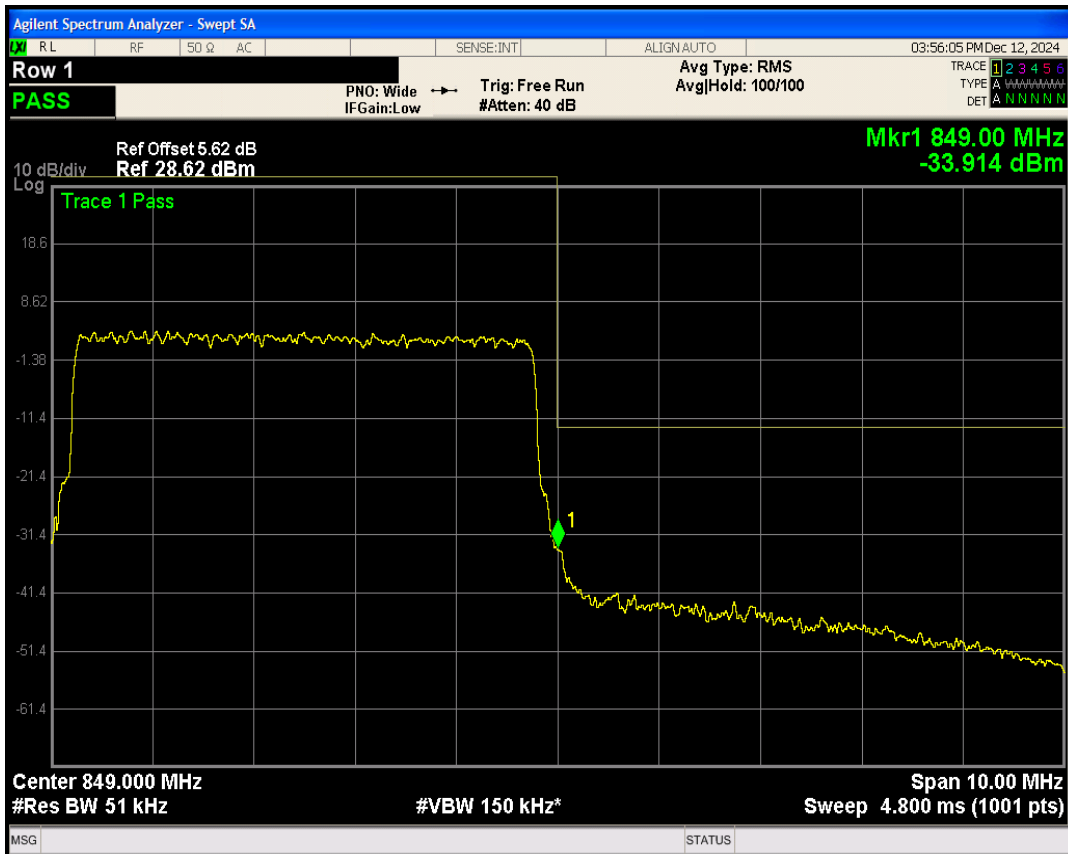
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



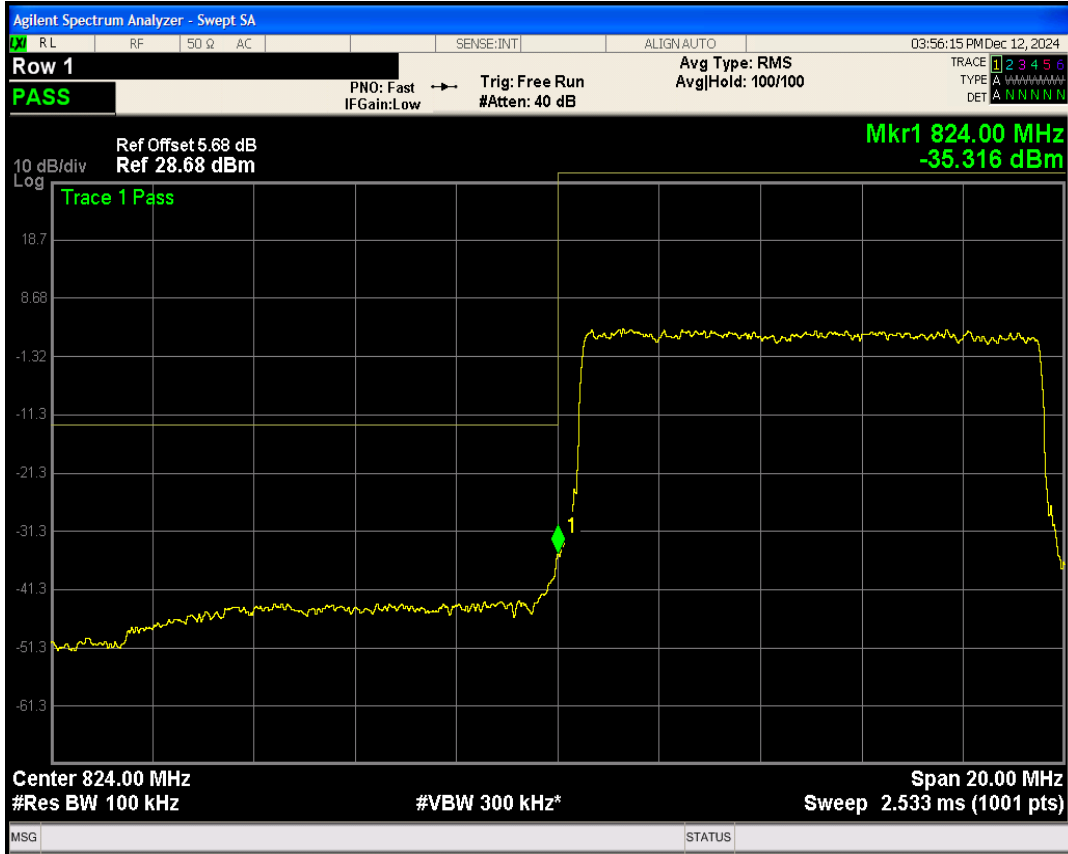
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



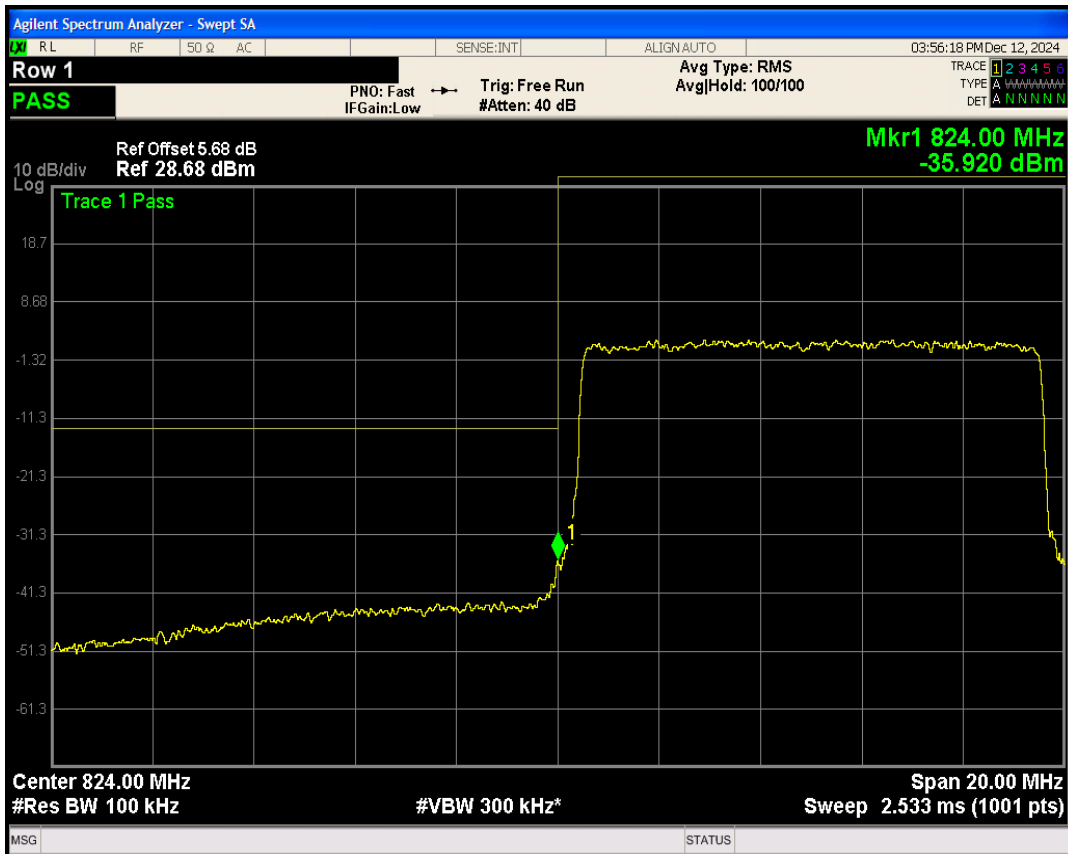
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



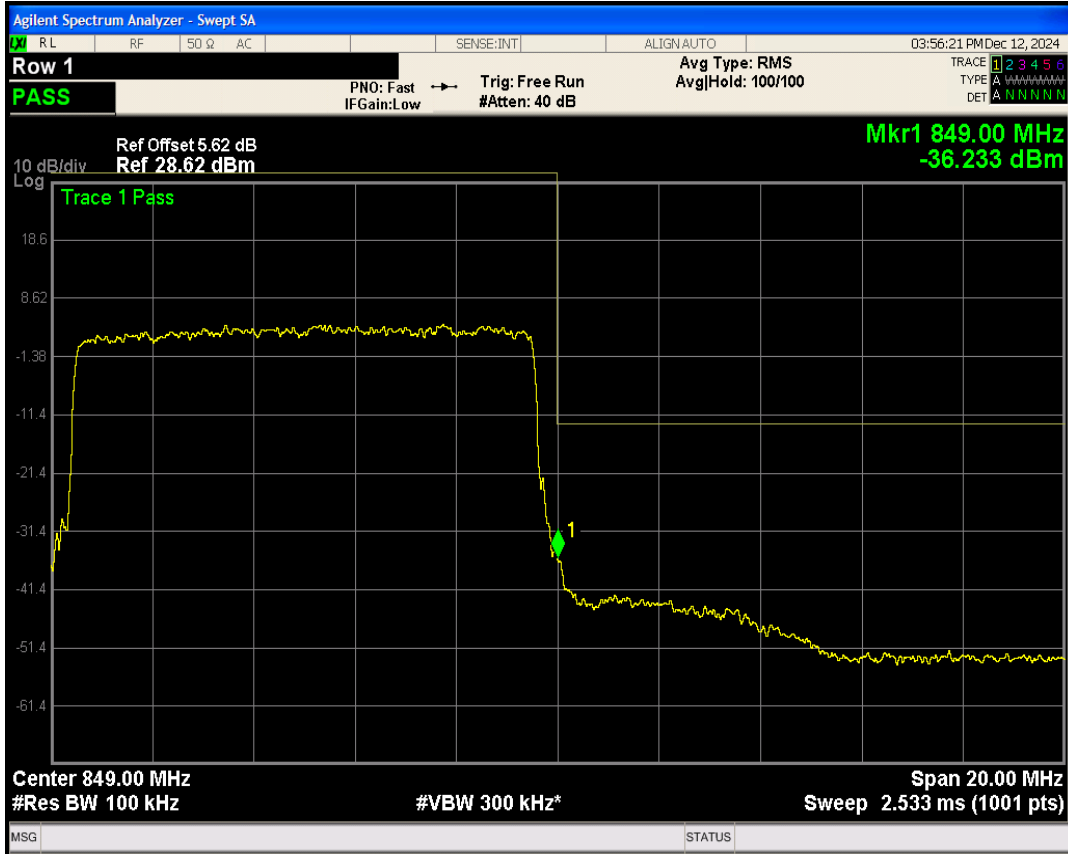
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



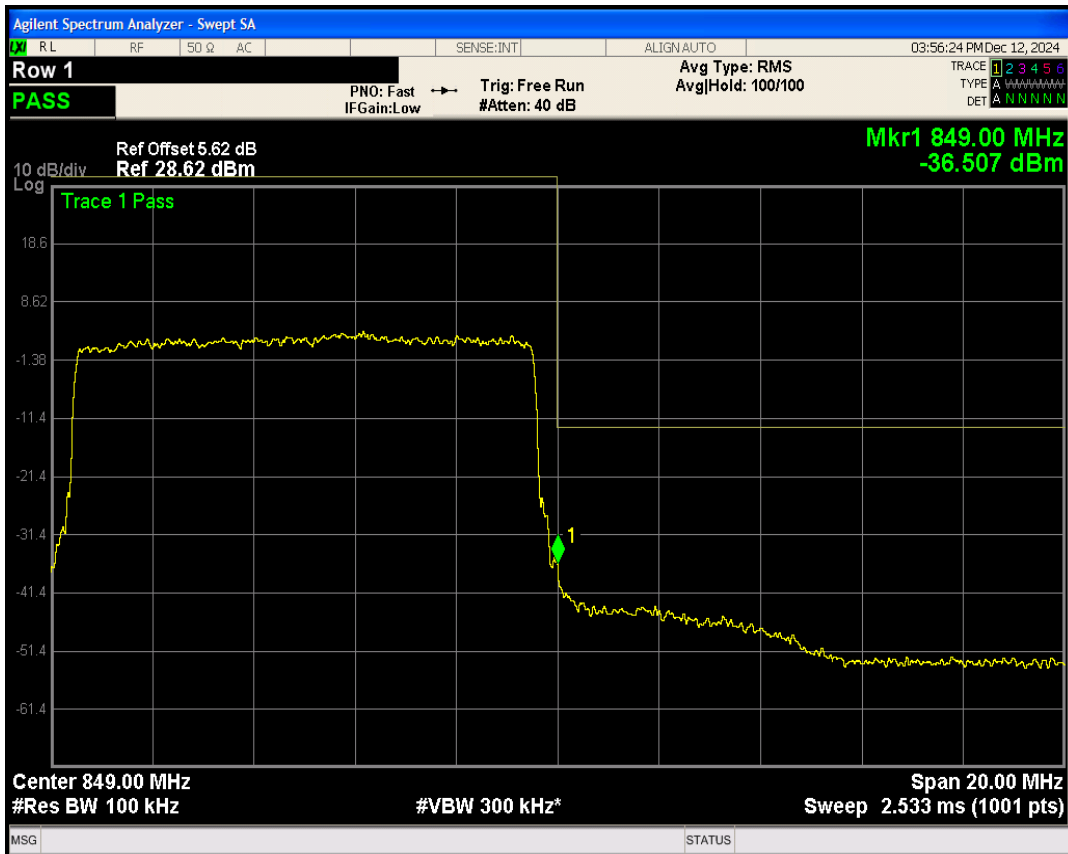
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



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



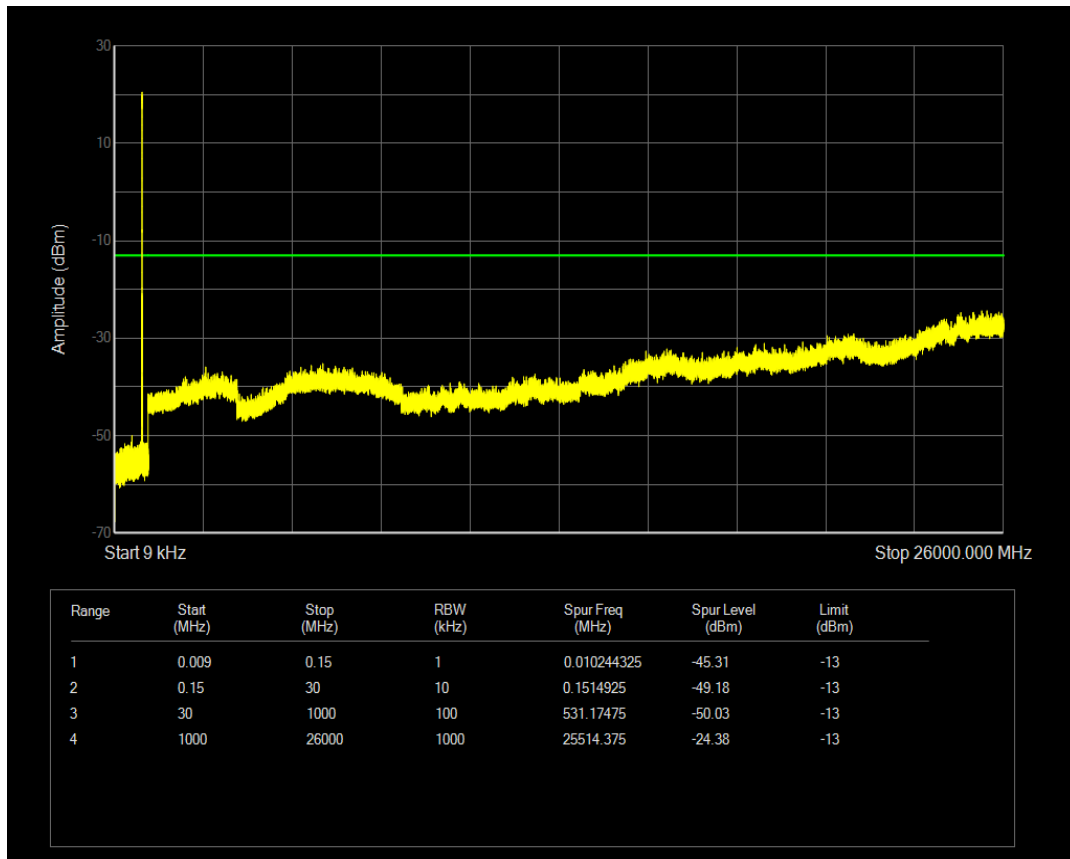
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



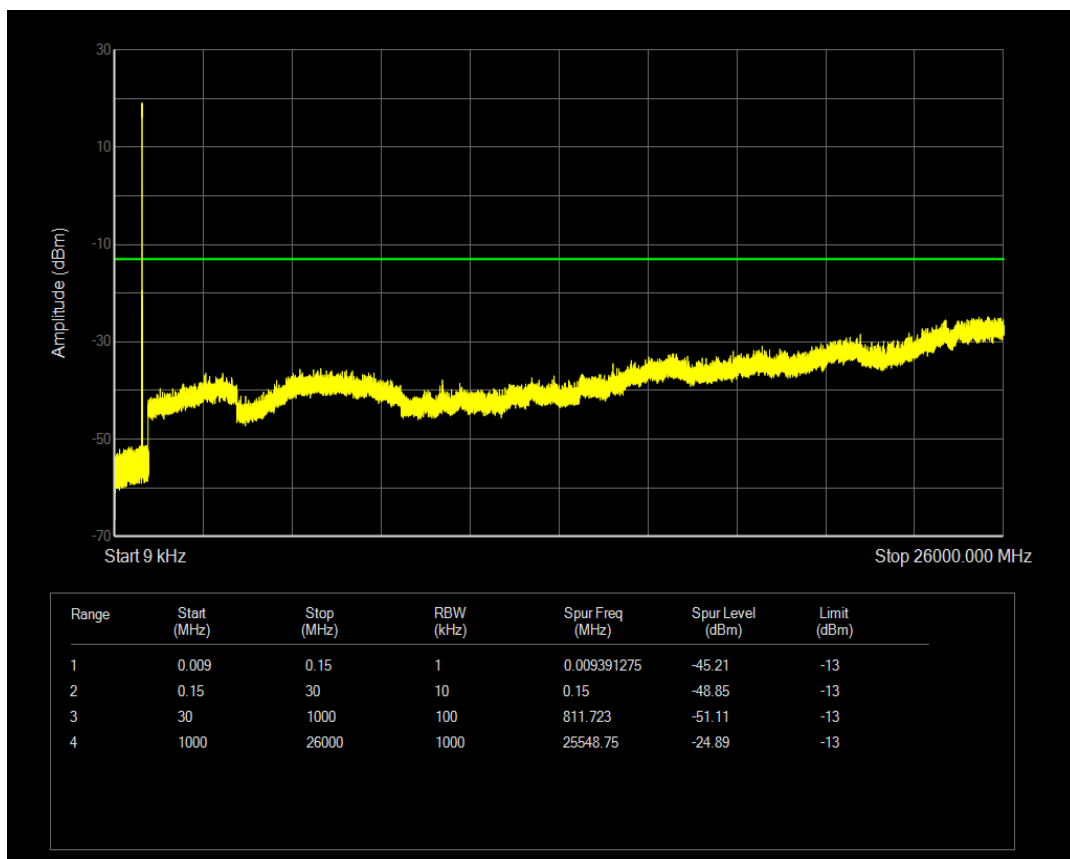
Appendix 6. Out-of-band emissions

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	25514.38	-24.38	-13	PASS
Band5	1.4	20407	6	#0	16QAM	25548.75	-24.89	-13	PASS
Band5	1.4	20525	6	#0	QPSK	25303.13	-23.57	-13	PASS
Band5	1.4	20525	6	#0	16QAM	25386.25	-24.80	-13	PASS
Band5	1.4	20643	6	#0	QPSK	24686.25	-24.73	-13	PASS
Band5	1.4	20643	6	#0	16QAM	24303.13	-24.78	-13	PASS
Band5	3	20415	15	#0	QPSK	25847.50	-24.27	-13	PASS
Band5	3	20415	15	#0	16QAM	25055.00	-24.31	-13	PASS
Band5	3	20525	15	#0	QPSK	25361.25	-24.01	-13	PASS
Band5	3	20525	15	#0	16QAM	25978.75	-24.15	-13	PASS
Band5	3	20635	15	#0	QPSK	25670.00	-24.51	-13	PASS
Band5	3	20635	15	#0	16QAM	24237.50	-24.58	-13	PASS
Band5	5	20425	25	#0	QPSK	25472.50	-24.18	-13	PASS
Band5	5	20425	25	#0	16QAM	25474.38	-23.88	-13	PASS
Band5	5	20525	25	#0	QPSK	25415.63	-24.72	-13	PASS
Band5	5	20525	25	#0	16QAM	25965.63	-24.41	-13	PASS
Band5	5	20625	25	#0	QPSK	25891.25	-24.03	-13	PASS
Band5	5	20625	25	#0	16QAM	25990.00	-24.42	-13	PASS
Band5	10	20450	50	#0	QPSK	25671.25	-23.87	-13	PASS
Band5	10	20450	50	#0	16QAM	25775.00	-23.85	-13	PASS
Band5	10	20525	50	#0	QPSK	25885.63	-24.18	-13	PASS
Band5	10	20525	50	#0	16QAM	25060.63	-23.70	-13	PASS
Band5	10	20600	50	#0	QPSK	24816.25	-24.49	-13	PASS
Band5	10	20600	50	#0	16QAM	24641.25	-24.71	-13	PASS

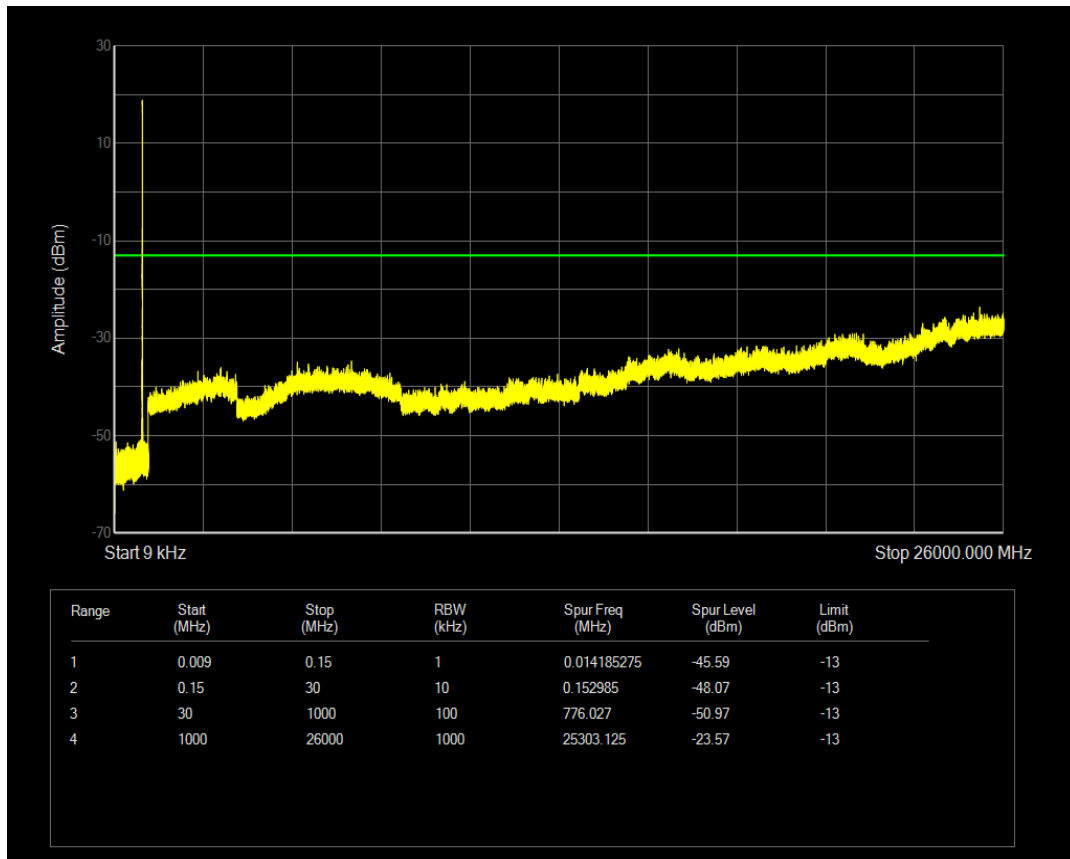
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



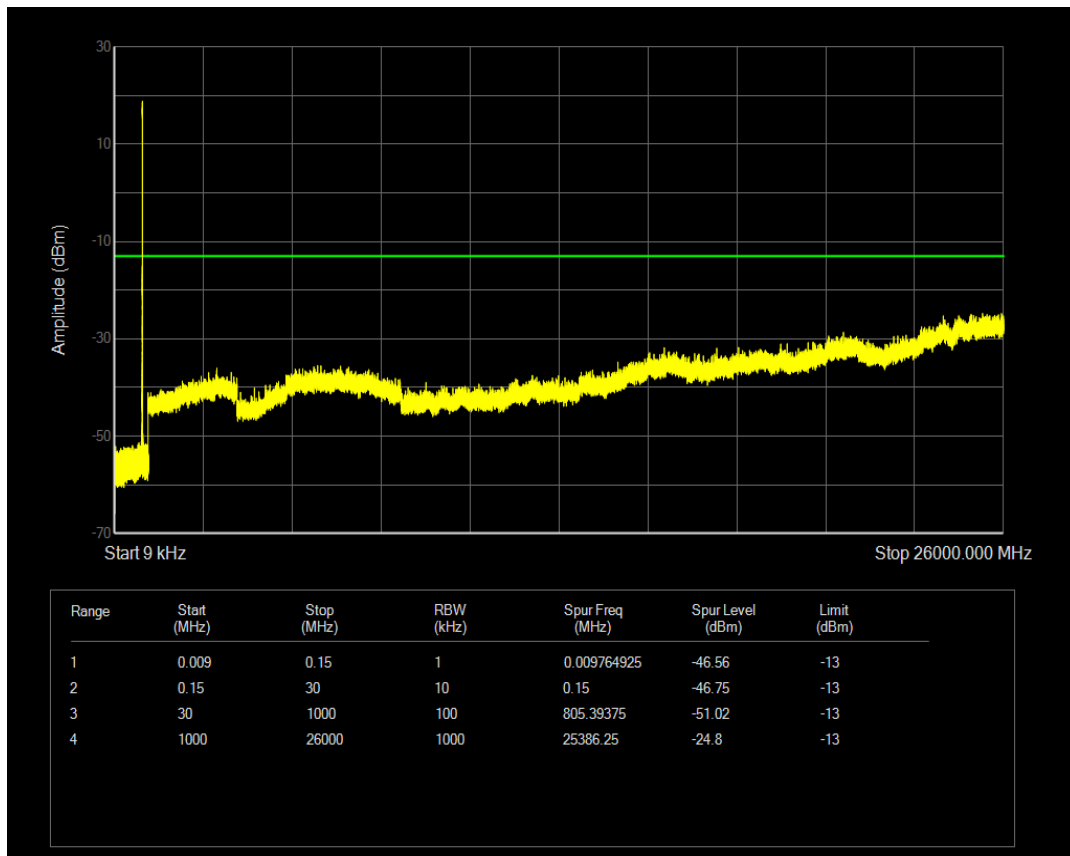
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



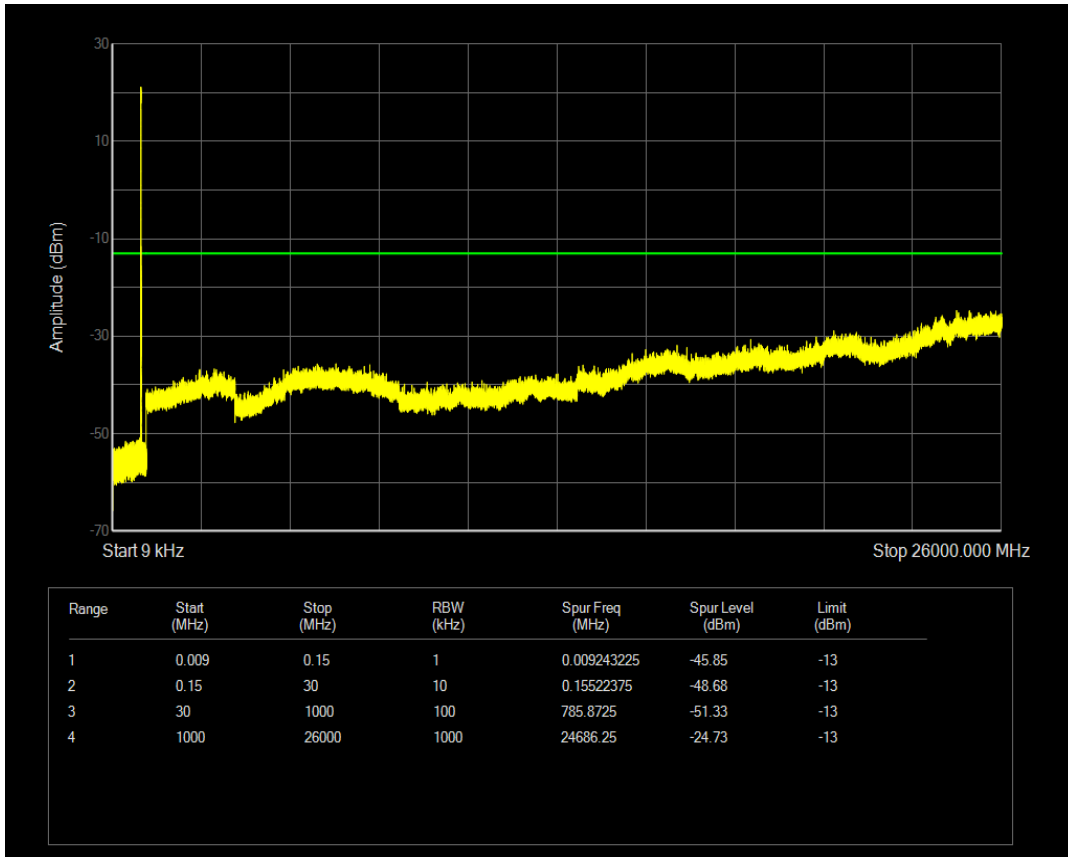
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



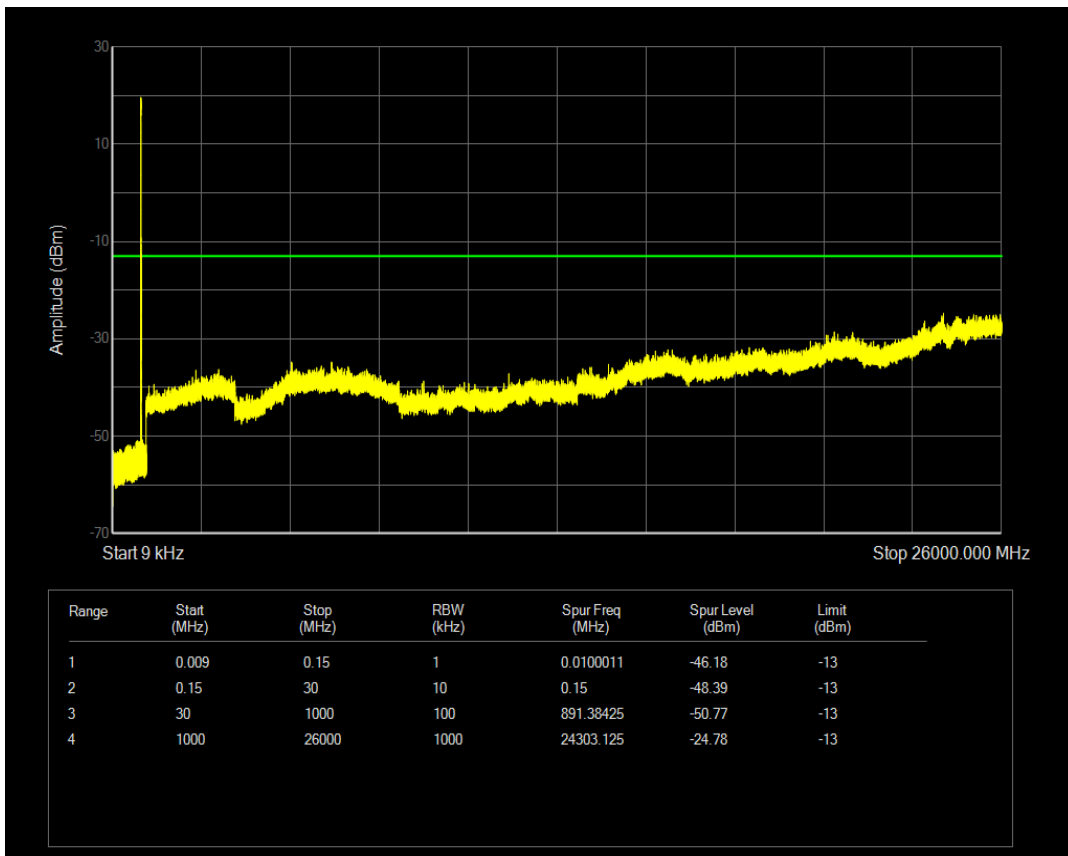
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



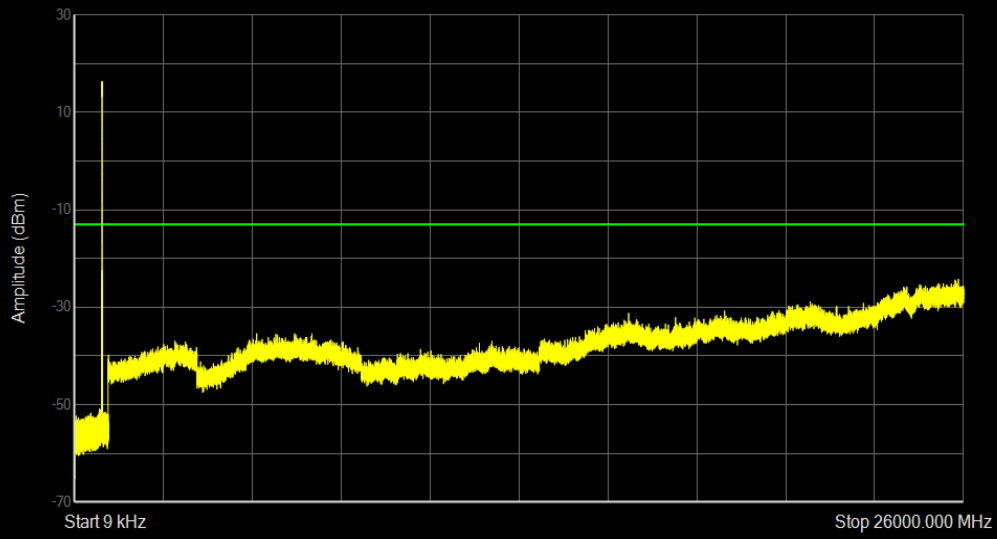
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



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

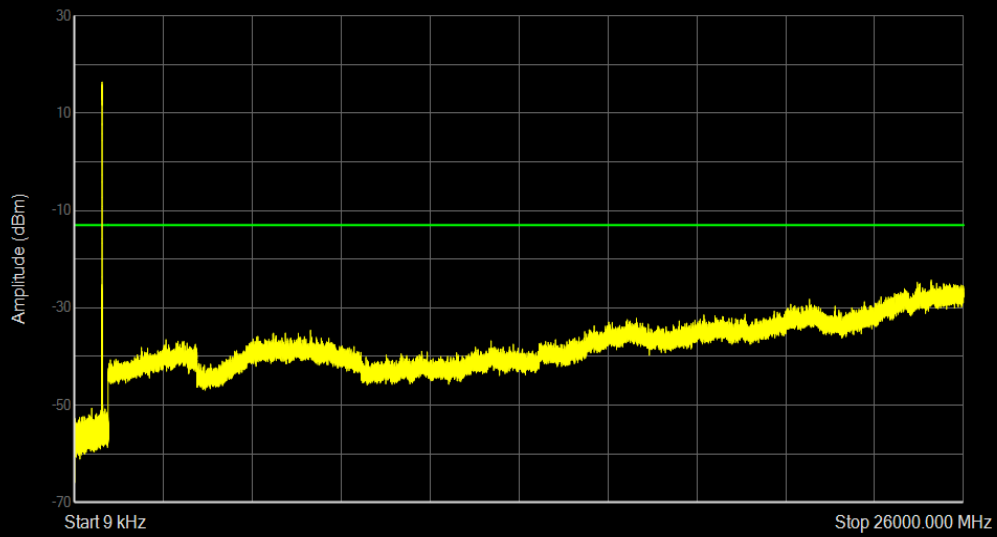


Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



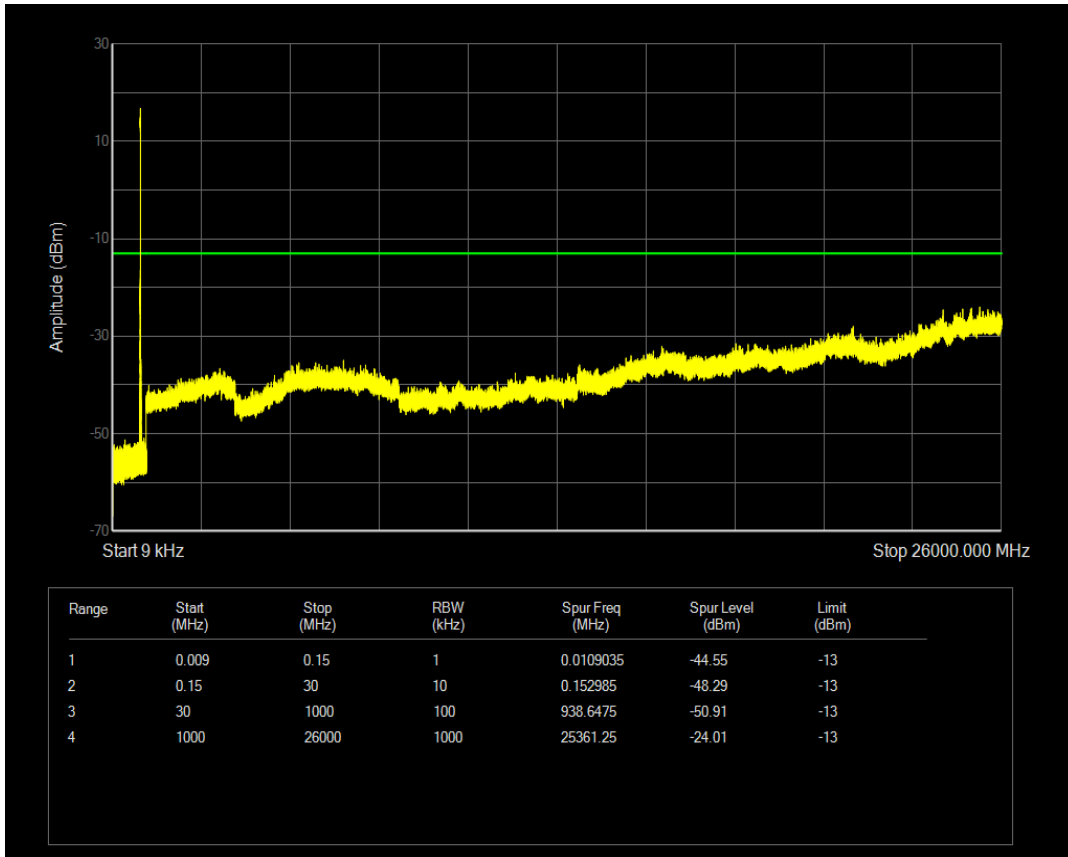
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01160145	-46.44	-13
2	0.15	30	10	0.164925	-47.54	-13
3	30	1000	100	749.546	-50.83	-13
4	1000	26000	1000	25847.5	-24.27	-13

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

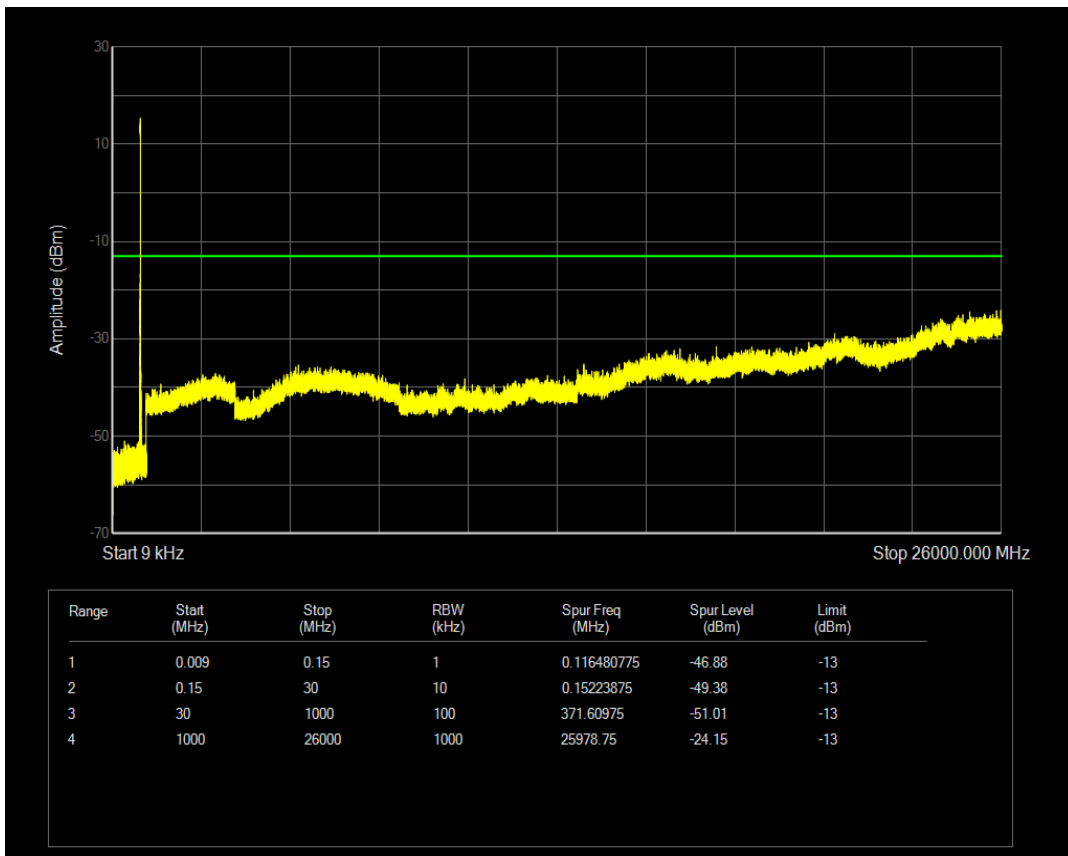


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009215025	-44.42	-13
2	0.15	30	10	0.1514925	-48.67	-13
3	30	1000	100	520.335	-50.67	-13
4	1000	26000	1000	25055	-24.31	-13

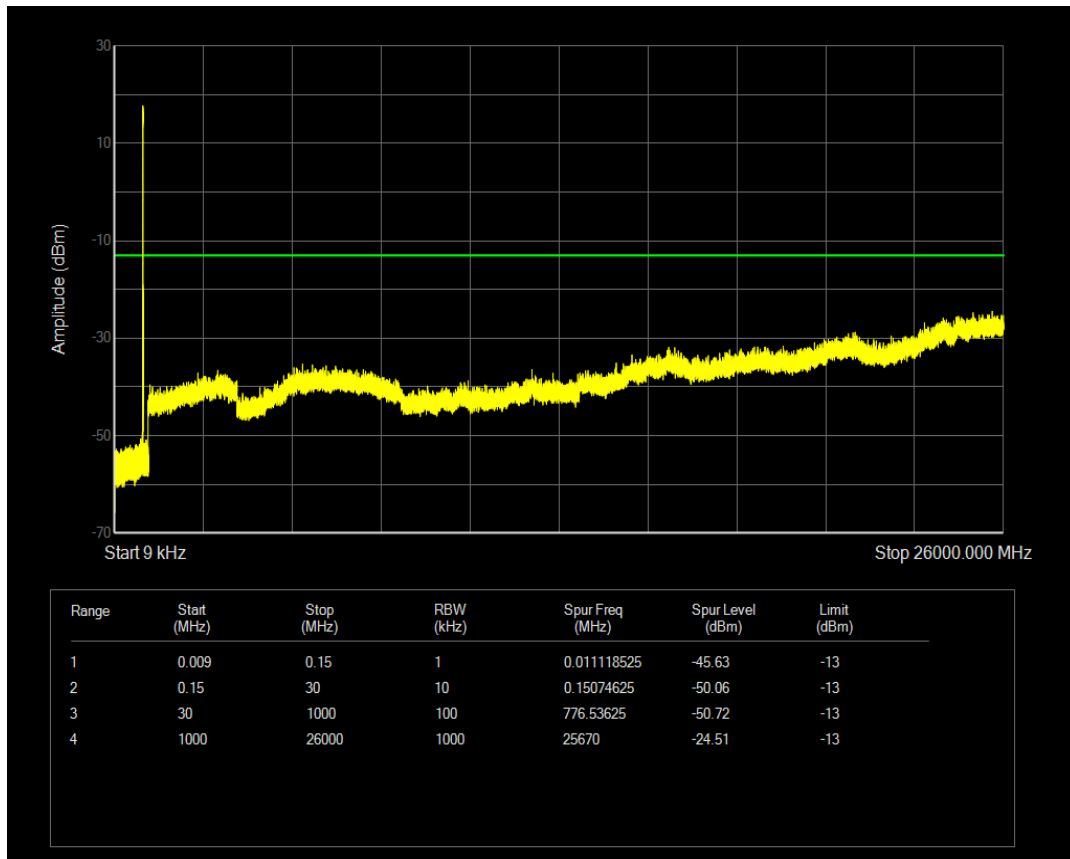
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



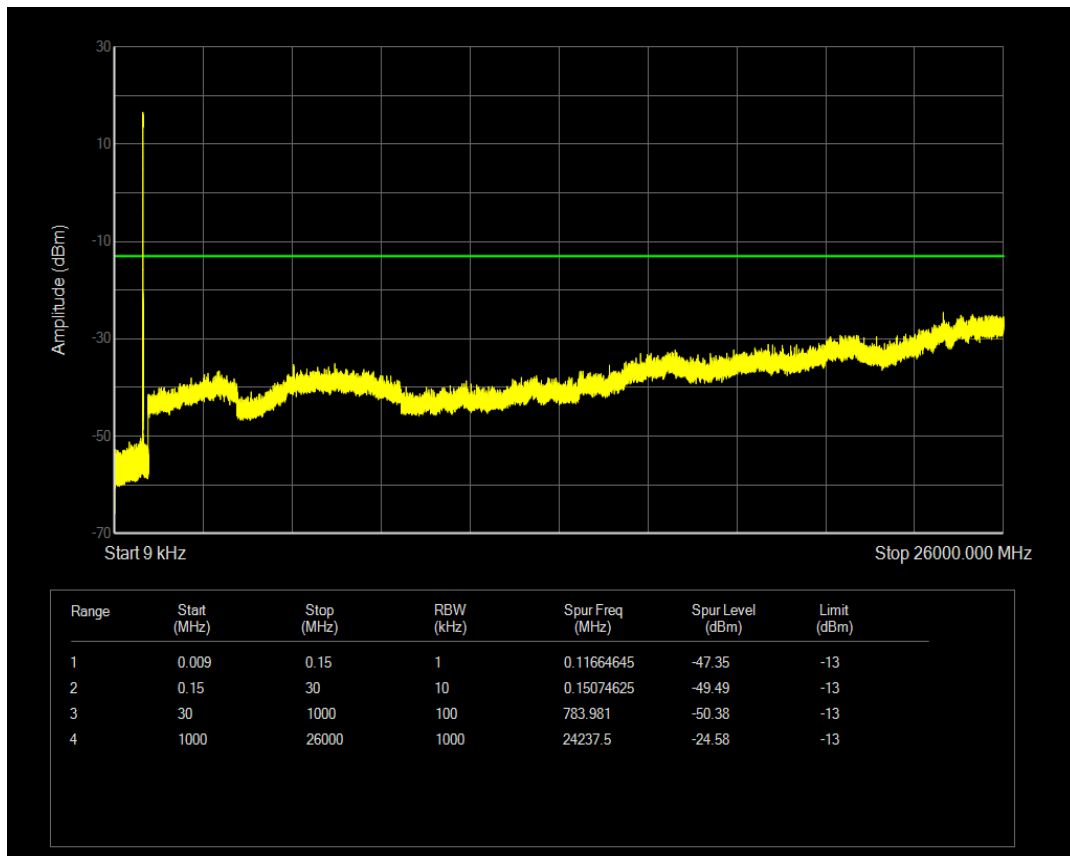
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



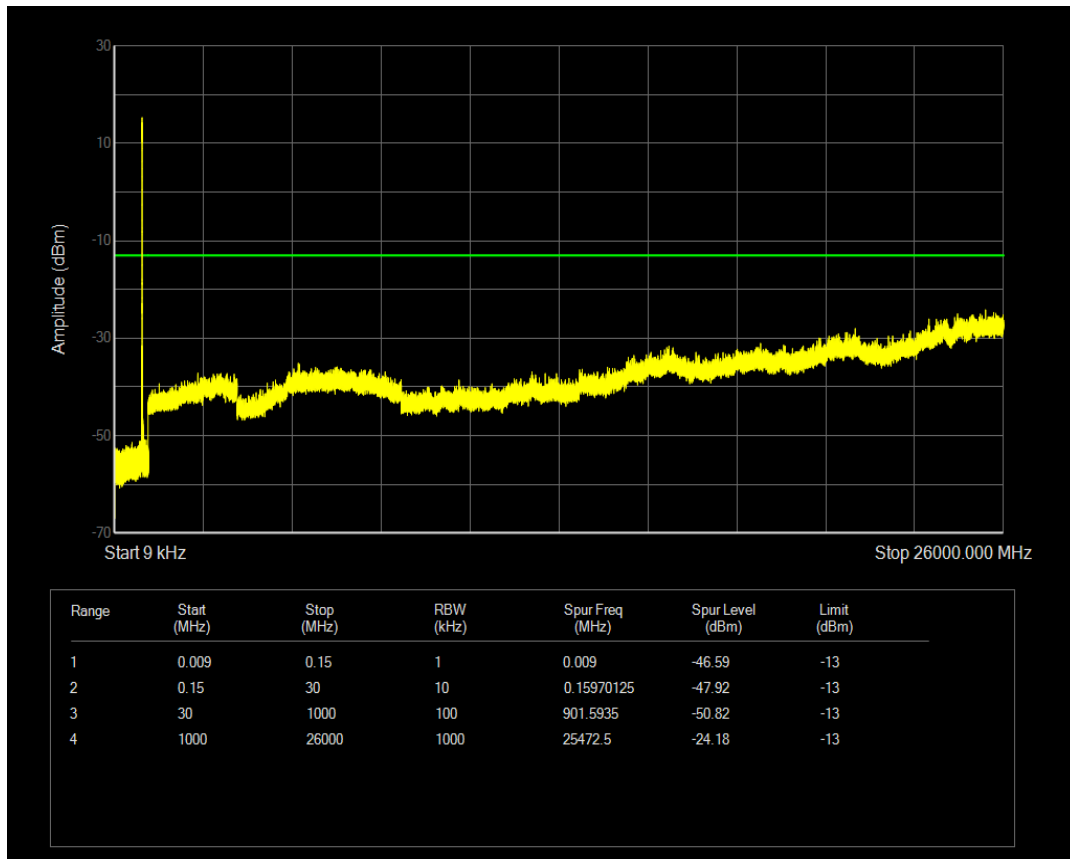
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



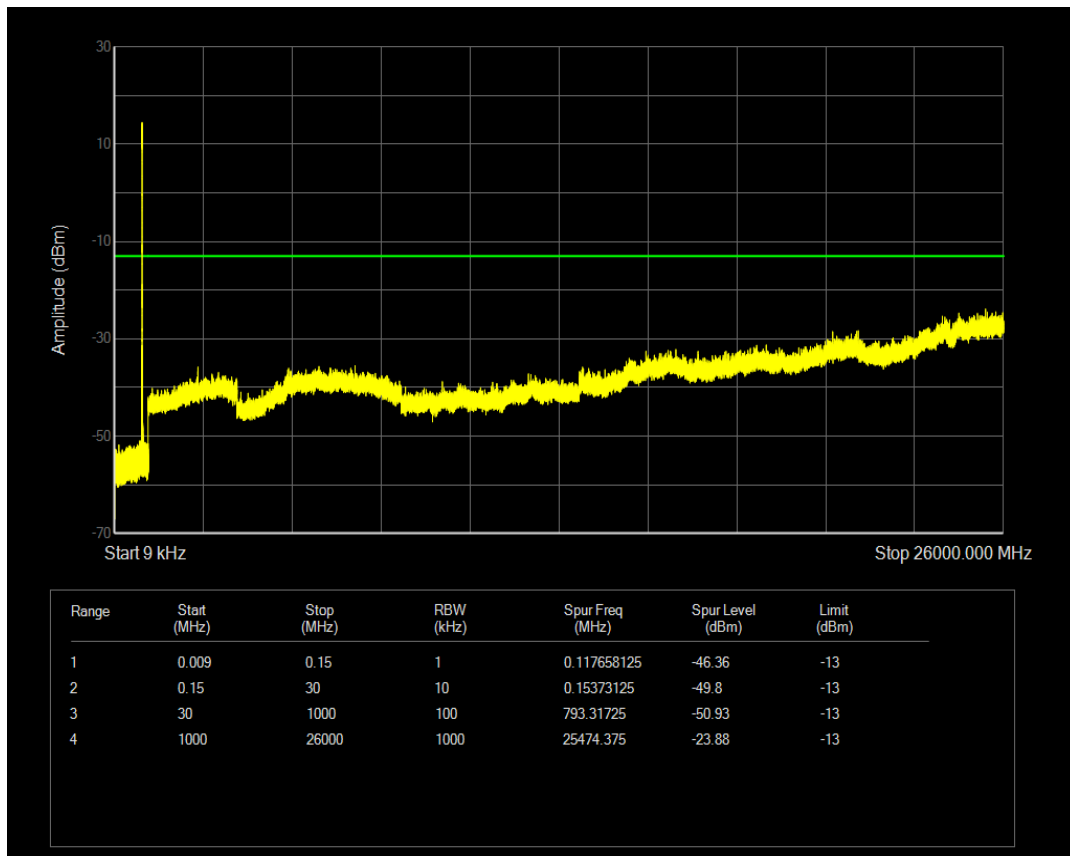
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



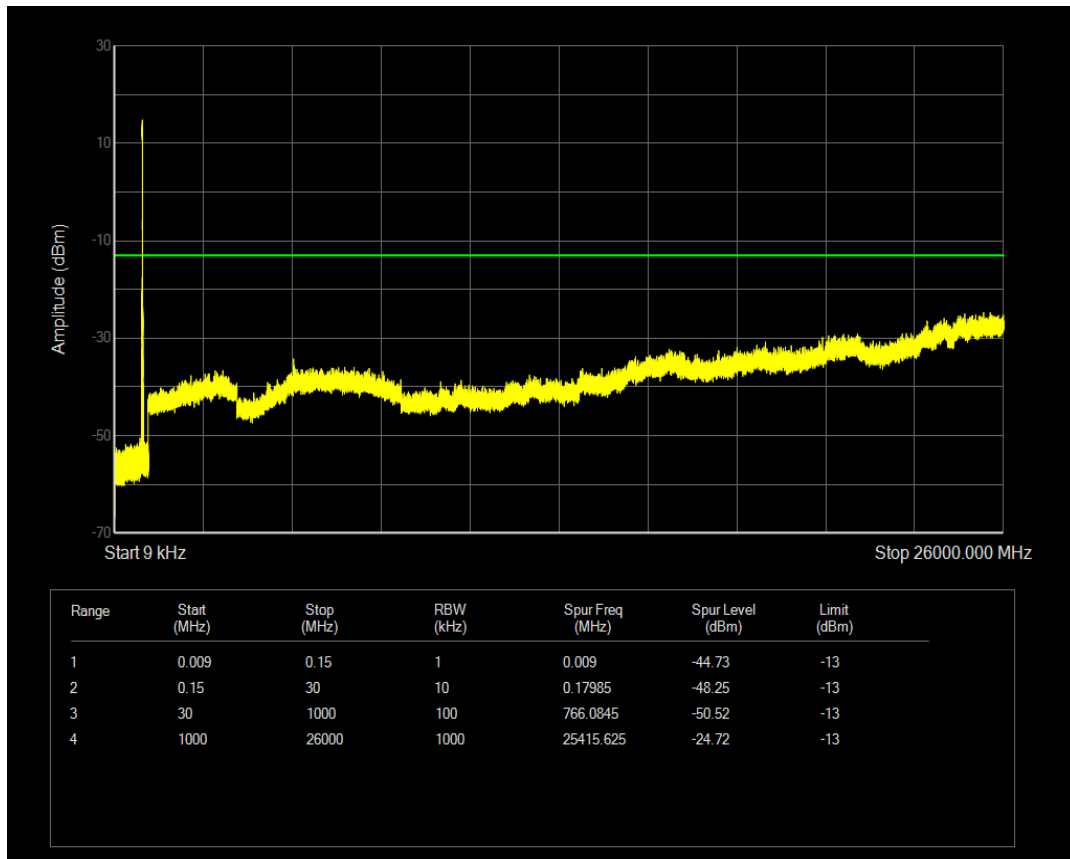
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



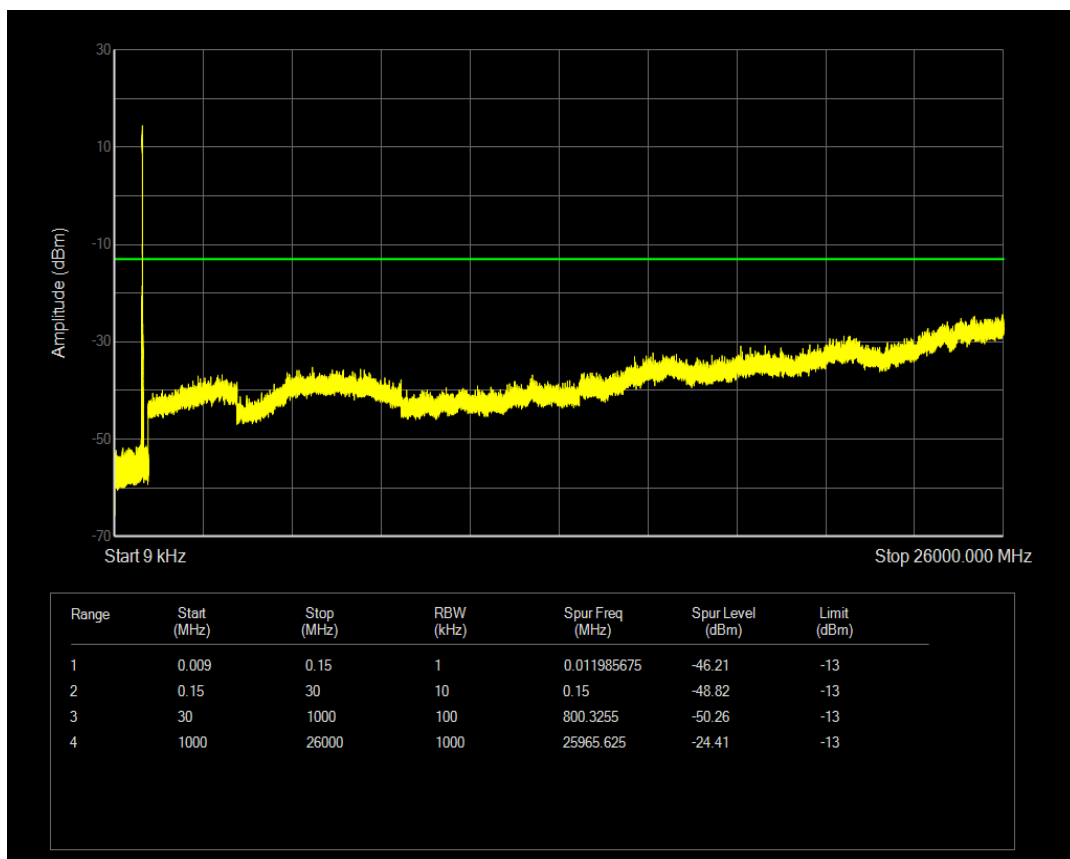
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



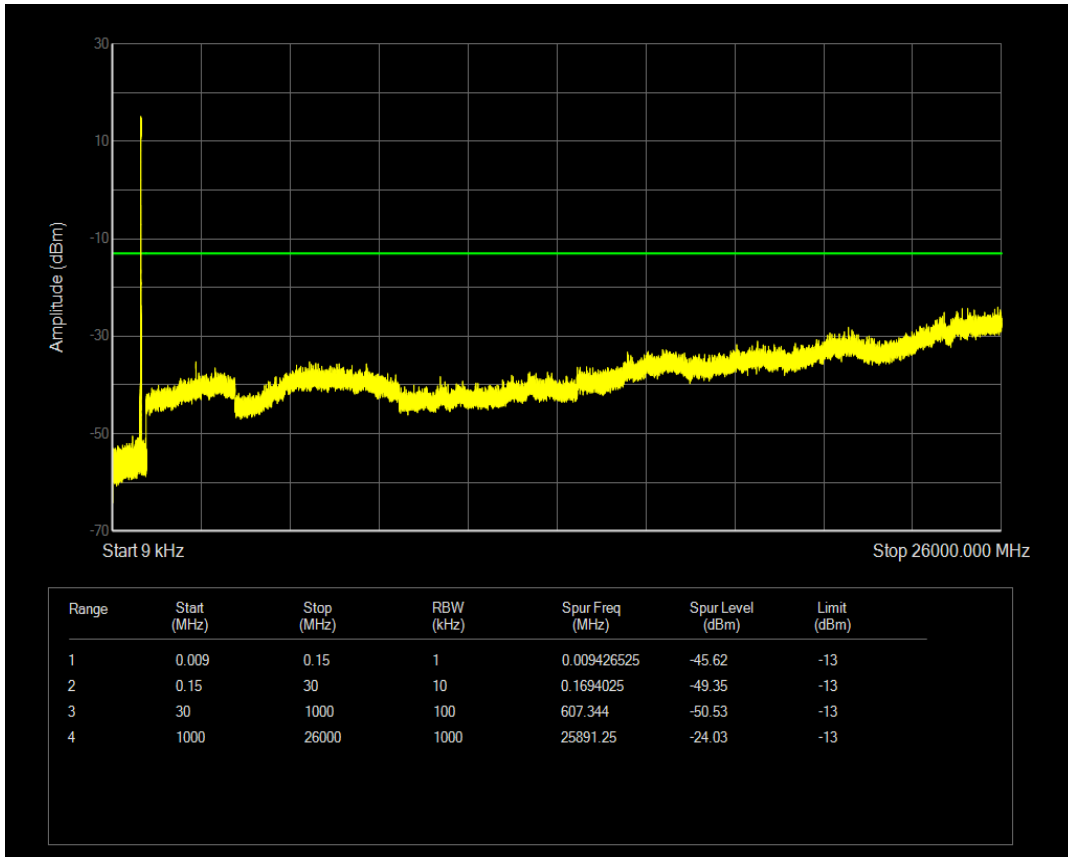
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



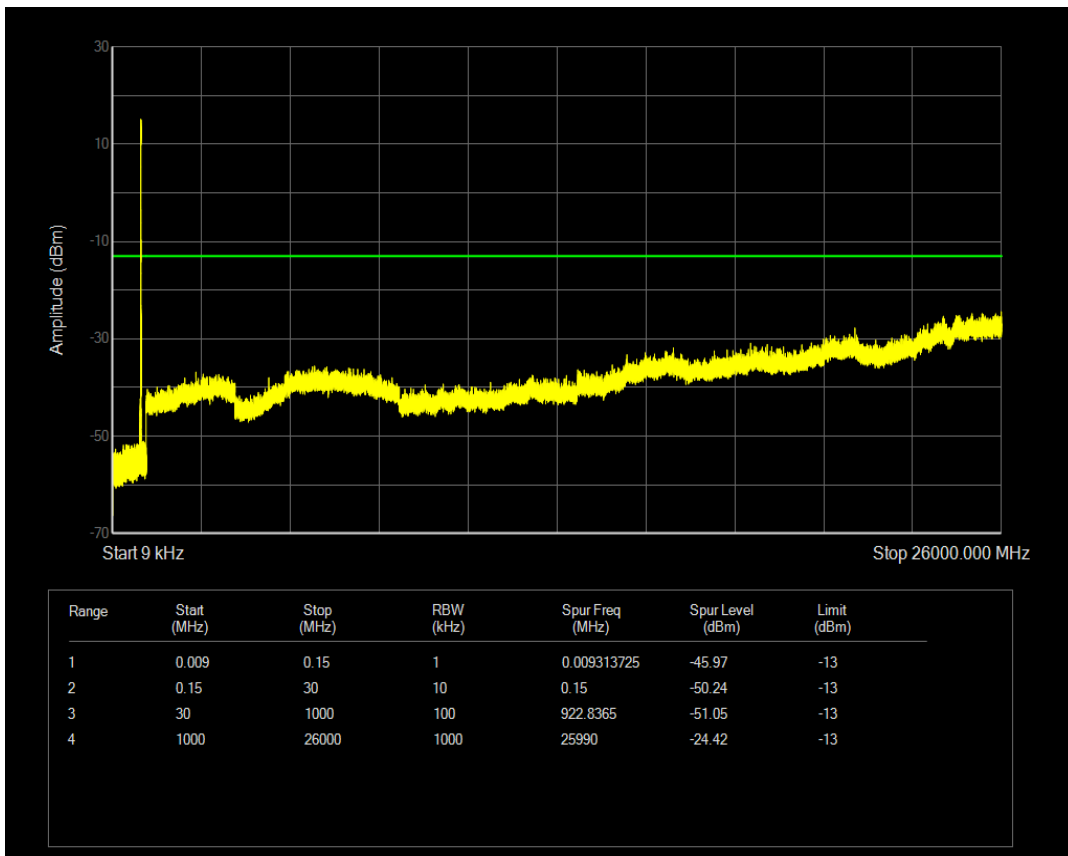
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



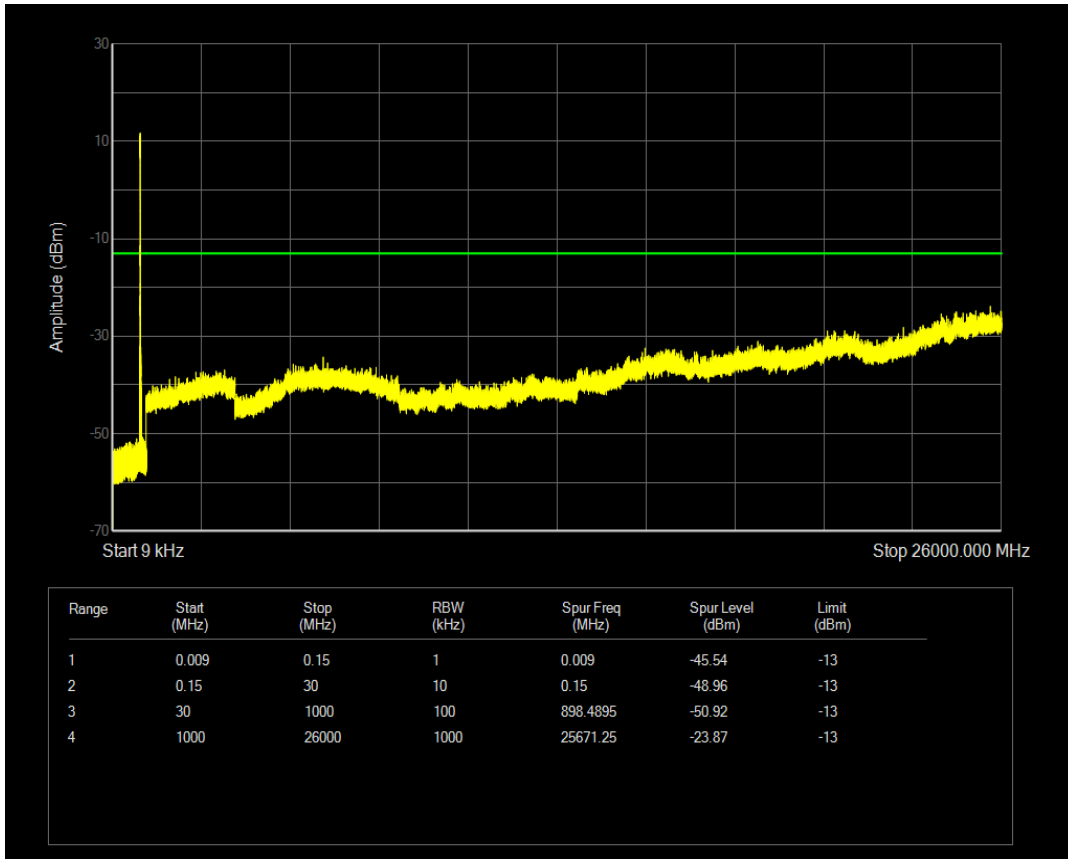
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



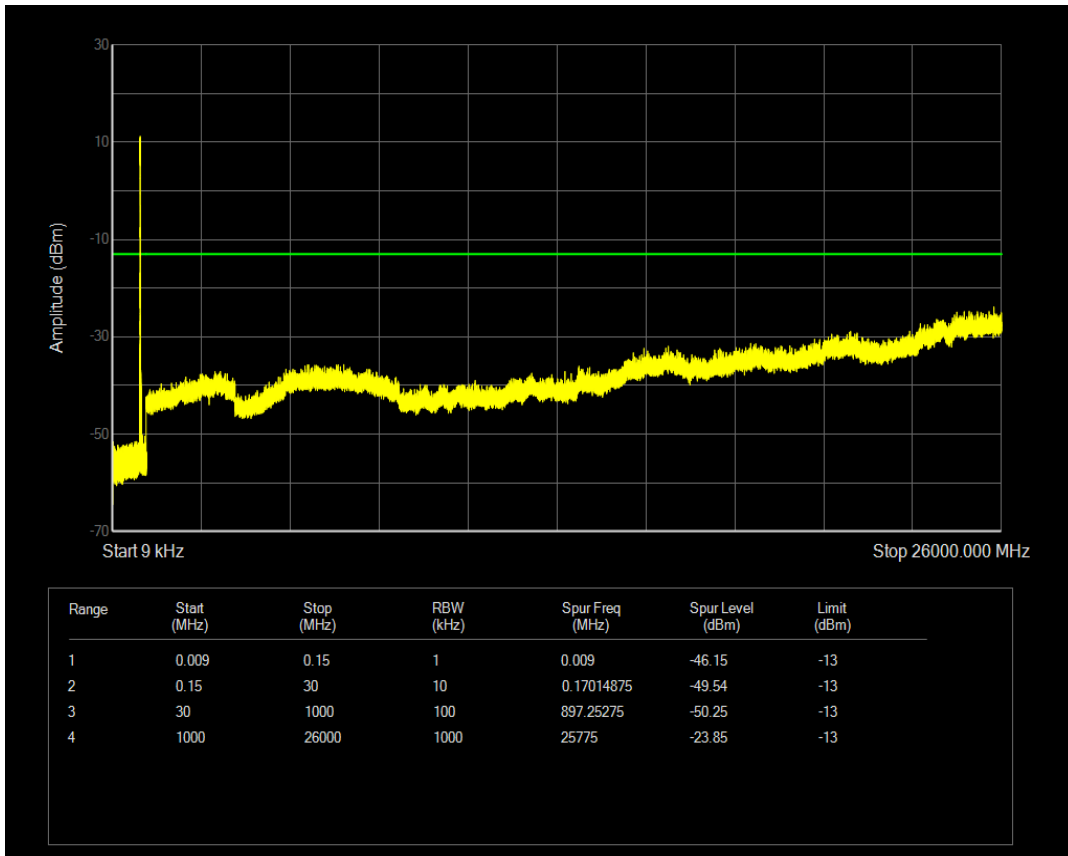
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



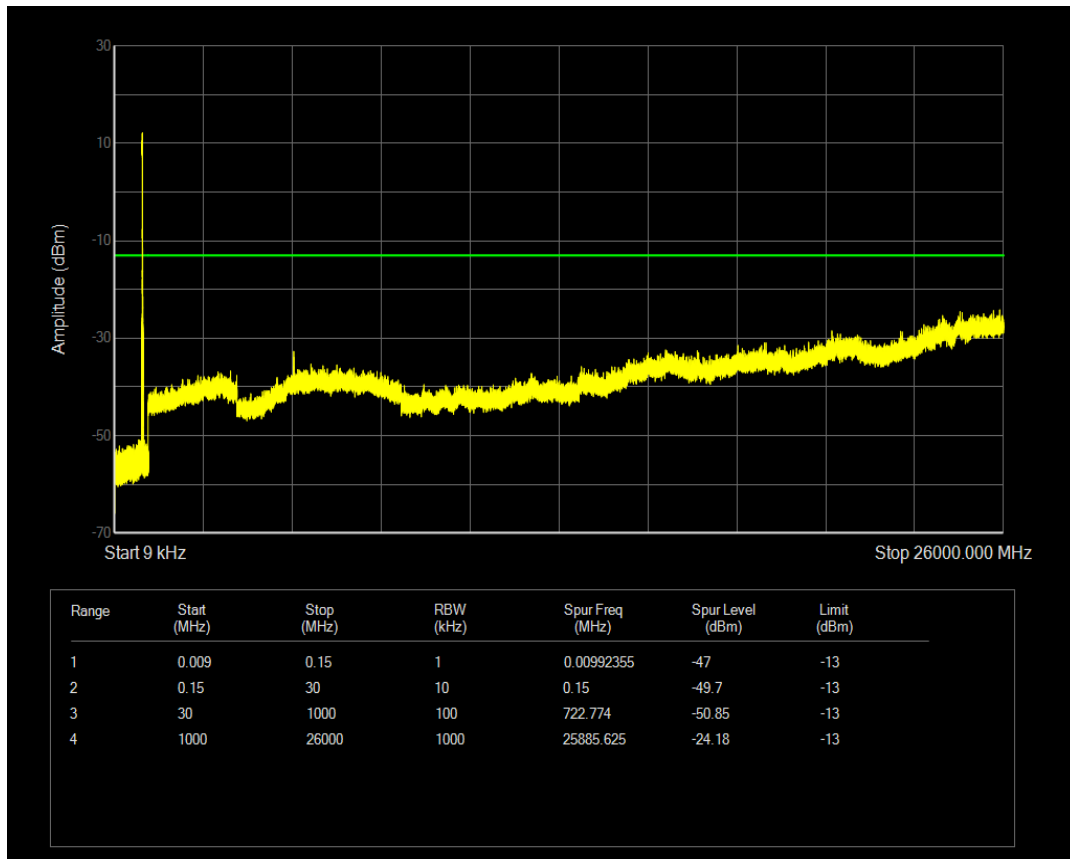
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



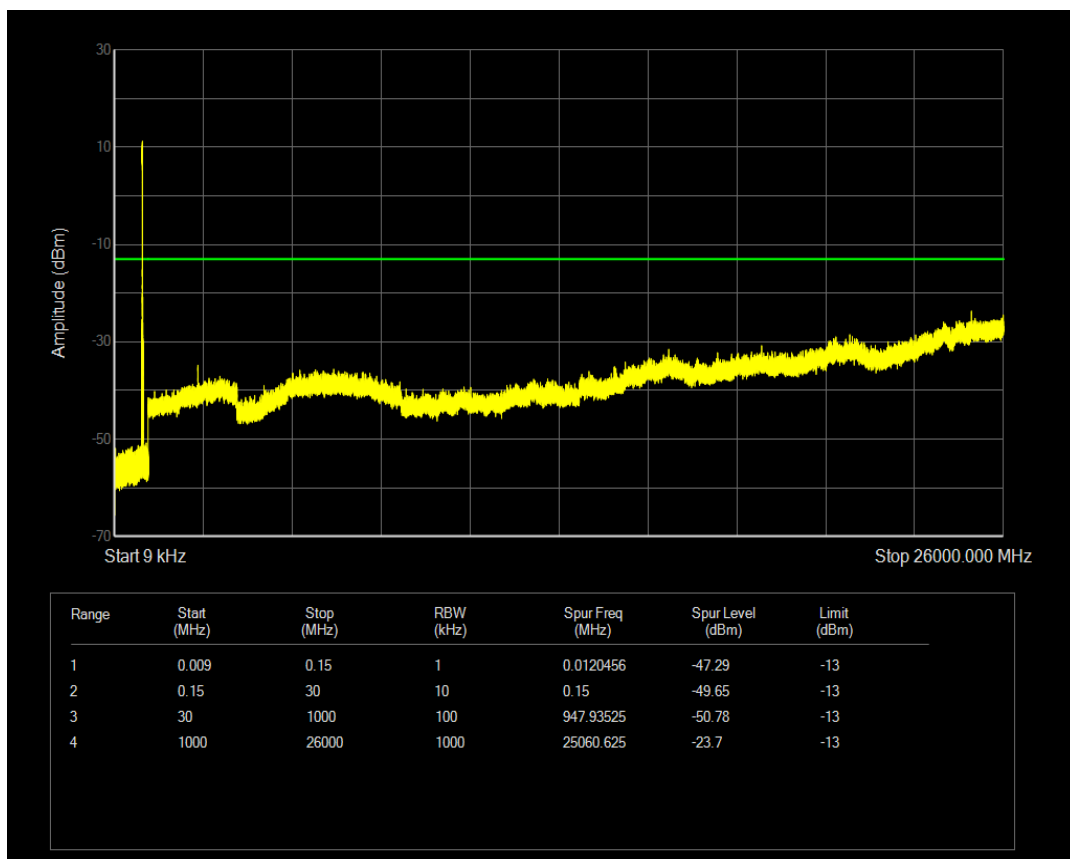
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



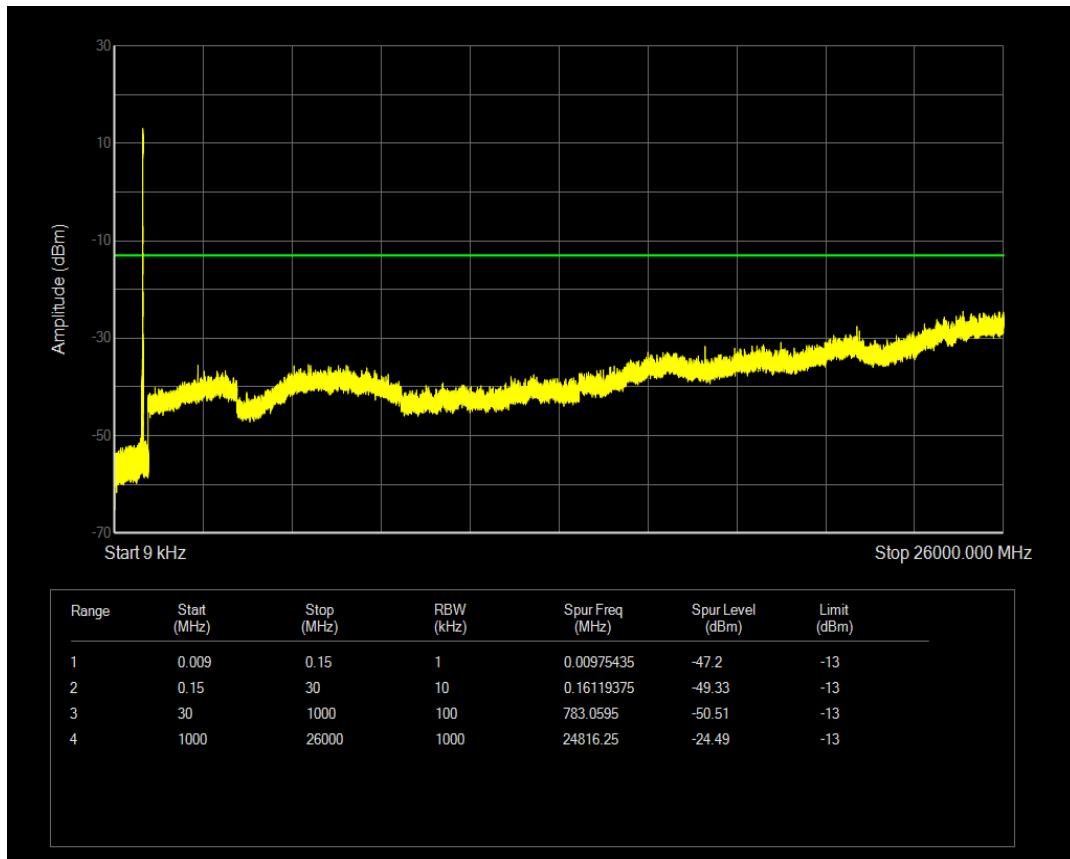
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



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

