

Appendix for Band 5

Report No.: BCTC2307096488-6E

Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY
CO.,LTD

Product Name: Smart Phone

Model/Type
reference: C36

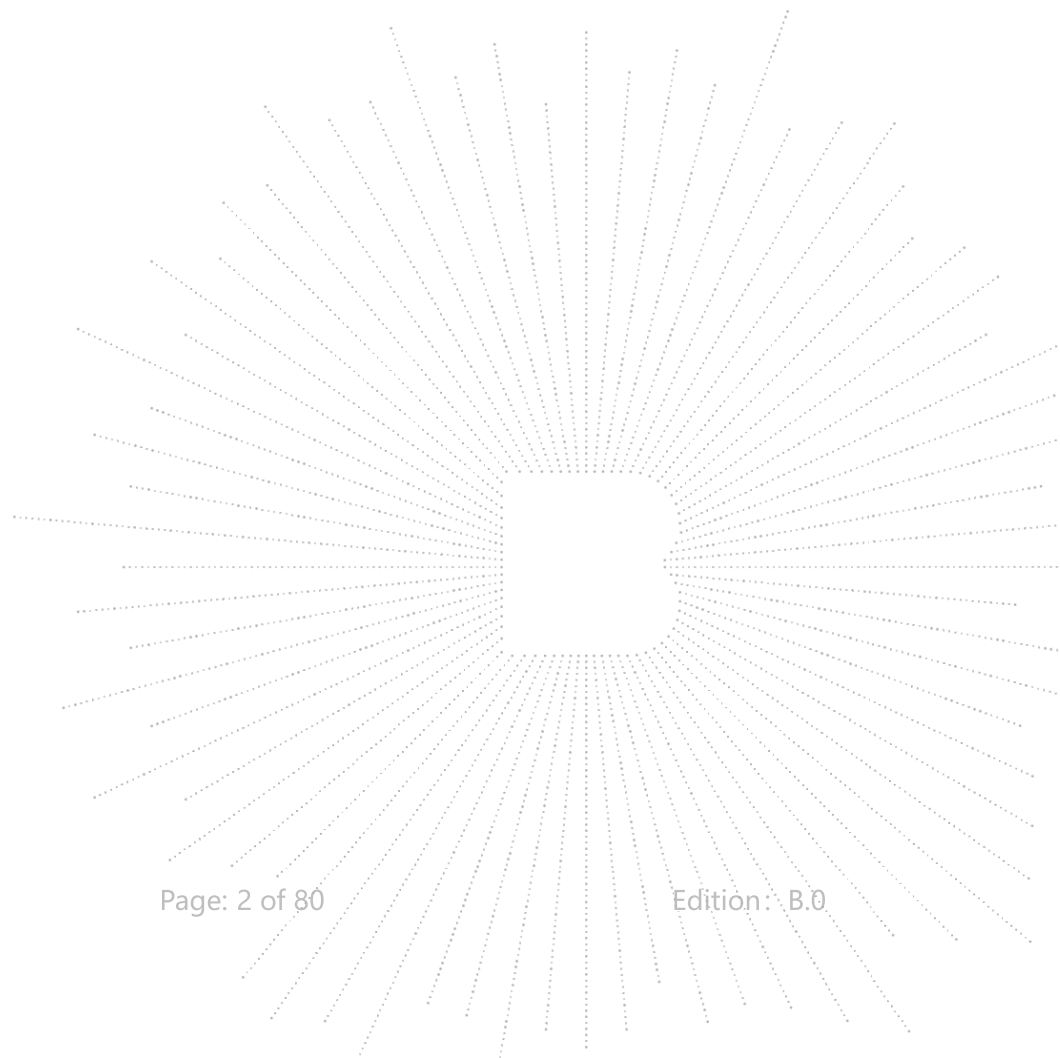
Tested Date: 2023-07-20 to 2023-07-31

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Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Conducted output power

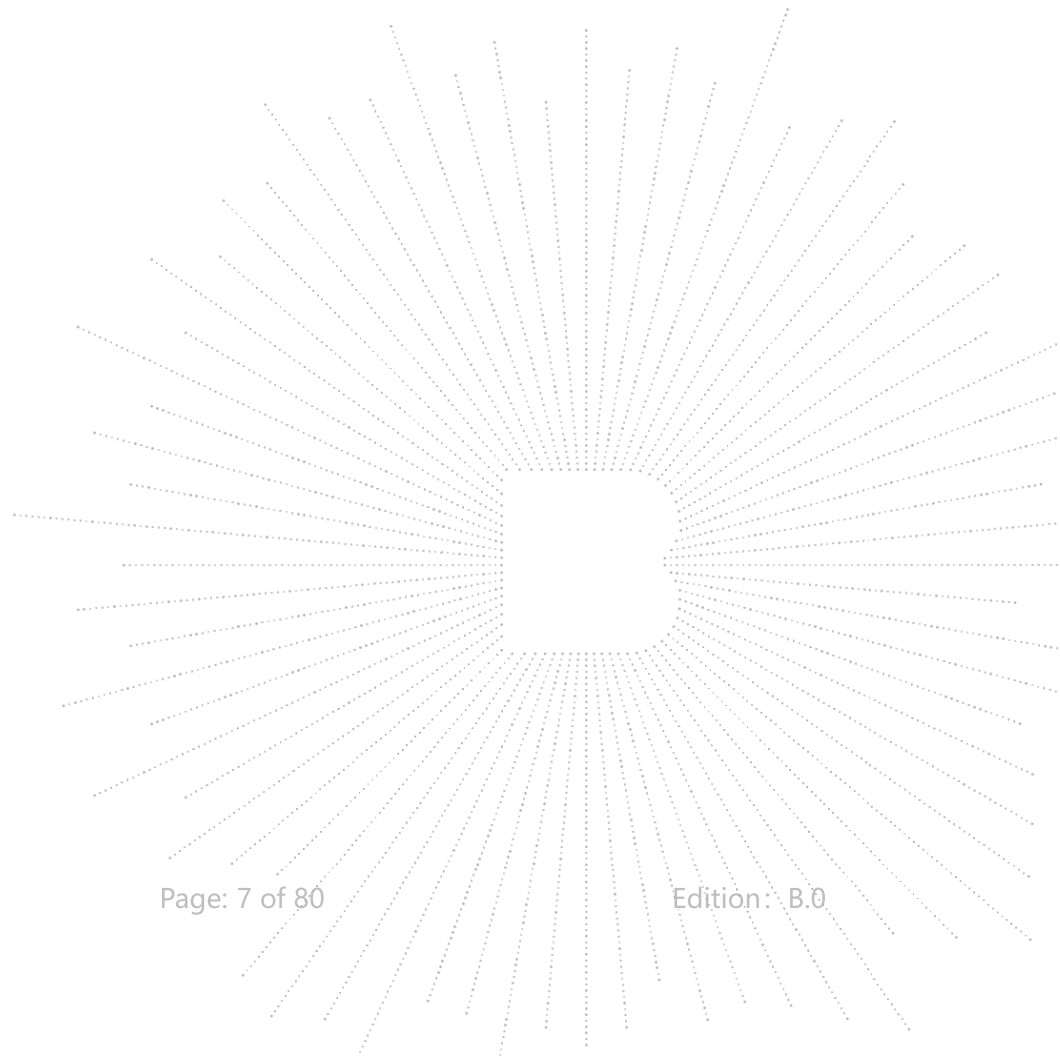
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	22.84	-0.2	22.64	PASS
Band5	1.4	20407	1	#Mid	QPSK	22.84	-0.2	22.64	PASS
Band5	1.4	20407	1	#Max	QPSK	22.79	-0.2	22.59	PASS
Band5	1.4	20407	3	#0	QPSK	22.89	-0.2	22.69	PASS
Band5	1.4	20407	3	#Mid	QPSK	22.92	-0.2	22.72	PASS
Band5	1.4	20407	3	#Max	QPSK	22.79	-0.2	22.59	PASS
Band5	1.4	20407	6	#0	QPSK	22.33	-0.2	22.13	PASS
Band5	1.4	20407	1	#0	16QAM	23.16	-0.2	22.96	PASS
Band5	1.4	20407	1	#Mid	16QAM	23.15	-0.2	22.95	PASS
Band5	1.4	20407	1	#Max	16QAM	23.13	-0.2	22.93	PASS
Band5	1.4	20407	3	#0	16QAM	22.42	-0.2	22.22	PASS
Band5	1.4	20407	3	#Mid	16QAM	22.32	-0.2	22.12	PASS
Band5	1.4	20407	3	#Max	16QAM	22.37	-0.2	22.17	PASS
Band5	1.4	20407	6	#0	16QAM	21.19	-0.2	20.99	PASS
Band5	1.4	20525	1	#0	QPSK	22.93	-0.2	22.73	PASS
Band5	1.4	20525	1	#Mid	QPSK	22.92	-0.2	22.72	PASS
Band5	1.4	20525	1	#Max	QPSK	22.93	-0.2	22.73	PASS
Band5	1.4	20525	3	#0	QPSK	22.87	-0.2	22.67	PASS
Band5	1.4	20525	3	#Mid	QPSK	22.95	-0.2	22.75	PASS
Band5	1.4	20525	3	#Max	QPSK	22.93	-0.2	22.73	PASS
Band5	1.4	20525	6	#0	QPSK	22.47	-0.2	22.27	PASS
Band5	1.4	20525	1	#0	16QAM	22.42	-0.2	22.22	PASS
Band5	1.4	20525	1	#Mid	16QAM	22.42	-0.2	22.22	PASS
Band5	1.4	20525	1	#Max	16QAM	22.43	-0.2	22.23	PASS
Band5	1.4	20525	3	#0	16QAM	22.29	-0.2	22.09	PASS
Band5	1.4	20525	3	#Mid	16QAM	22.38	-0.2	22.18	PASS
Band5	1.4	20525	3	#Max	16QAM	22.38	-0.2	22.18	PASS
Band5	1.4	20525	6	#0	16QAM	21.46	-0.2	21.26	PASS
Band5	1.4	20643	1	#0	QPSK	23.13	-0.2	22.93	PASS
Band5	1.4	20643	1	#Mid	QPSK	23.21	-0.2	23.01	PASS
Band5	1.4	20643	1	#Max	QPSK	23.12	-0.2	22.92	PASS
Band5	1.4	20643	3	#0	QPSK	23.03	-0.2	22.83	PASS
Band5	1.4	20643	3	#Mid	QPSK	23.05	-0.2	22.85	PASS
Band5	1.4	20643	3	#Max	QPSK	22.98	-0.2	22.78	PASS
Band5	1.4	20643	6	#0	QPSK	22.56	-0.2	22.36	PASS
Band5	1.4	20643	1	#0	16QAM	23.56	-0.2	23.36	PASS
Band5	1.4	20643	1	#Mid	16QAM	23.64	-0.2	23.44	PASS

Band5	1.4	20643	1	#Max	16QAM	23.56	-0.2	23.36	PASS
Band5	1.4	20643	3	#0	16QAM	22.79	-0.2	22.59	PASS
Band5	1.4	20643	3	#Mid	16QAM	22.76	-0.2	22.56	PASS
Band5	1.4	20643	3	#Max	16QAM	22.78	-0.2	22.58	PASS
Band5	1.4	20643	6	#0	16QAM	21.64	-0.2	21.44	PASS
Band5	3	20415	1	#0	QPSK	22.73	-0.2	22.53	PASS
Band5	3	20415	1	#Mid	QPSK	22.74	-0.2	22.54	PASS
Band5	3	20415	1	#Max	QPSK	22.71	-0.2	22.51	PASS
Band5	3	20415	8	#0	QPSK	22.29	-0.2	22.09	PASS
Band5	3	20415	8	#Mid	QPSK	22.26	-0.2	22.06	PASS
Band5	3	20415	8	#Max	QPSK	22.25	-0.2	22.05	PASS
Band5	3	20415	15	#0	QPSK	22.34	-0.2	22.14	PASS
Band5	3	20415	1	#0	16QAM	23.35	-0.2	23.15	PASS
Band5	3	20415	1	#Mid	16QAM	23.34	-0.2	23.14	PASS
Band5	3	20415	1	#Max	16QAM	23.35	-0.2	23.15	PASS
Band5	3	20415	8	#0	16QAM	21.23	-0.2	21.03	PASS
Band5	3	20415	8	#Mid	16QAM	21.21	-0.2	21.01	PASS
Band5	3	20415	8	#Max	16QAM	21.22	-0.2	21.02	PASS
Band5	3	20415	15	#0	16QAM	21.35	-0.2	21.15	PASS
Band5	3	20525	1	#0	QPSK	22.96	-0.2	22.76	PASS
Band5	3	20525	1	#Mid	QPSK	23.01	-0.2	22.81	PASS
Band5	3	20525	1	#Max	QPSK	23.02	-0.2	22.82	PASS
Band5	3	20525	8	#0	QPSK	22.28	-0.2	22.08	PASS
Band5	3	20525	8	#Mid	QPSK	22.41	-0.2	22.21	PASS
Band5	3	20525	8	#Max	QPSK	22.46	-0.2	22.26	PASS
Band5	3	20525	15	#0	QPSK	22.39	-0.2	22.19	PASS
Band5	3	20525	1	#0	16QAM	22.42	-0.2	22.22	PASS
Band5	3	20525	1	#Mid	16QAM	22.47	-0.2	22.27	PASS
Band5	3	20525	1	#Max	16QAM	22.54	-0.2	22.34	PASS
Band5	3	20525	8	#0	16QAM	21.42	-0.2	21.22	PASS
Band5	3	20525	8	#Mid	16QAM	21.38	-0.2	21.18	PASS
Band5	3	20525	8	#Max	16QAM	21.43	-0.2	21.23	PASS
Band5	3	20525	15	#0	16QAM	21.38	-0.2	21.18	PASS
Band5	3	20635	1	#0	QPSK	23.21	-0.2	23.01	PASS
Band5	3	20635	1	#Mid	QPSK	23.15	-0.2	22.95	PASS
Band5	3	20635	1	#Max	QPSK	23.17	-0.2	22.97	PASS
Band5	3	20635	8	#0	QPSK	22.65	-0.2	22.45	PASS
Band5	3	20635	8	#Mid	QPSK	22.57	-0.2	22.37	PASS
Band5	3	20635	8	#Max	QPSK	22.60	-0.2	22.40	PASS
Band5	3	20635	15	#0	QPSK	22.54	-0.2	22.34	PASS
Band5	3	20635	1	#0	16QAM	22.66	-0.2	22.46	PASS
Band5	3	20635	1	#Mid	16QAM	22.69	-0.2	22.49	PASS

Band5	3	20635	1	#Max	16QAM	22.75	-0.2	22.55	PASS
Band5	3	20635	8	#0	16QAM	21.61	-0.2	21.41	PASS
Band5	3	20635	8	#Mid	16QAM	21.64	-0.2	21.44	PASS
Band5	3	20635	8	#Max	16QAM	21.58	-0.2	21.38	PASS
Band5	3	20635	15	#0	16QAM	21.63	-0.2	21.43	PASS
Band5	5	20425	1	#0	QPSK	22.69	-0.2	22.49	PASS
Band5	5	20425	1	#Mid	QPSK	22.61	-0.2	22.41	PASS
Band5	5	20425	1	#Max	QPSK	22.68	-0.2	22.48	PASS
Band5	5	20425	12	#0	QPSK	22.26	-0.2	22.06	PASS
Band5	5	20425	12	#Mid	QPSK	22.29	-0.2	22.09	PASS
Band5	5	20425	12	#Max	QPSK	22.31	-0.2	22.11	PASS
Band5	5	20425	25	#0	QPSK	22.25	-0.2	22.05	PASS
Band5	5	20425	1	#0	16QAM	22.53	-0.2	22.33	PASS
Band5	5	20425	1	#Mid	16QAM	22.45	-0.2	22.25	PASS
Band5	5	20425	1	#Max	16QAM	22.42	-0.2	22.22	PASS
Band5	5	20425	12	#0	16QAM	21.29	-0.2	21.09	PASS
Band5	5	20425	12	#Mid	16QAM	21.18	-0.2	20.98	PASS
Band5	5	20425	12	#Max	16QAM	21.22	-0.2	21.02	PASS
Band5	5	20425	25	#0	16QAM	21.36	-0.2	21.16	PASS
Band5	5	20525	1	#0	QPSK	22.82	-0.2	22.62	PASS
Band5	5	20525	1	#Mid	QPSK	22.93	-0.2	22.73	PASS
Band5	5	20525	1	#Max	QPSK	22.96	-0.2	22.76	PASS
Band5	5	20525	12	#0	QPSK	22.47	-0.2	22.27	PASS
Band5	5	20525	12	#Mid	QPSK	22.36	-0.2	22.16	PASS
Band5	5	20525	12	#Max	QPSK	22.48	-0.2	22.28	PASS
Band5	5	20525	25	#0	QPSK	22.38	-0.2	22.18	PASS
Band5	5	20525	1	#0	16QAM	22.39	-0.2	22.19	PASS
Band5	5	20525	1	#Mid	16QAM	22.45	-0.2	22.25	PASS
Band5	5	20525	1	#Max	16QAM	22.48	-0.2	22.28	PASS
Band5	5	20525	12	#0	16QAM	21.16	-0.2	20.96	PASS
Band5	5	20525	12	#Mid	16QAM	21.27	-0.2	21.07	PASS
Band5	5	20525	12	#Max	16QAM	21.28	-0.2	21.08	PASS
Band5	5	20525	25	#0	16QAM	21.52	-0.2	21.32	PASS
Band5	5	20625	1	#0	QPSK	22.96	-0.2	22.76	PASS
Band5	5	20625	1	#Mid	QPSK	22.91	-0.2	22.71	PASS
Band5	5	20625	1	#Max	QPSK	22.89	-0.2	22.69	PASS
Band5	5	20625	12	#0	QPSK	22.62	-0.2	22.42	PASS
Band5	5	20625	12	#Mid	QPSK	22.50	-0.2	22.30	PASS
Band5	5	20625	12	#Max	QPSK	22.60	-0.2	22.40	PASS
Band5	5	20625	25	#0	QPSK	22.67	-0.2	22.47	PASS
Band5	5	20625	1	#0	16QAM	23.20	-0.2	23.00	PASS
Band5	5	20625	1	#Mid	16QAM	23.22	-0.2	23.02	PASS

Band5	5	20625	1	#Max	16QAM	23.08	-0.2	22.88	PASS
Band5	5	20625	12	#0	16QAM	21.57	-0.2	21.37	PASS
Band5	5	20625	12	#Mid	16QAM	21.55	-0.2	21.35	PASS
Band5	5	20625	12	#Max	16QAM	21.60	-0.2	21.40	PASS
Band5	5	20625	25	#0	16QAM	21.73	-0.2	21.53	PASS
Band5	10	20450	1	#0	QPSK	22.78	-0.2	22.58	PASS
Band5	10	20450	1	#Mid	QPSK	22.73	-0.2	22.53	PASS
Band5	10	20450	1	#Max	QPSK	22.92	-0.2	22.72	PASS
Band5	10	20450	25	#0	QPSK	22.24	-0.2	22.04	PASS
Band5	10	20450	25	#Mid	QPSK	22.30	-0.2	22.10	PASS
Band5	10	20450	25	#Max	QPSK	22.35	-0.2	22.15	PASS
Band5	10	20450	50	#0	QPSK	22.16	-0.2	21.96	PASS
Band5	10	20450	1	#0	16QAM	23.43	-0.2	23.23	PASS
Band5	10	20450	1	#Mid	16QAM	23.41	-0.2	23.21	PASS
Band5	10	20450	1	#Max	16QAM	23.56	-0.2	23.36	PASS
Band5	10	20450	25	#0	16QAM	21.26	-0.2	21.06	PASS
Band5	10	20450	25	#Mid	16QAM	21.53	-0.2	21.33	PASS
Band5	10	20450	25	#Max	16QAM	21.57	-0.2	21.37	PASS
Band5	10	20450	50	#0	16QAM	21.63	-0.2	21.43	PASS
Band5	10	20525	1	#0	QPSK	22.66	-0.2	22.46	PASS
Band5	10	20525	1	#Mid	QPSK	22.88	-0.2	22.68	PASS
Band5	10	20525	1	#Max	QPSK	23.01	-0.2	22.81	PASS
Band5	10	20525	25	#0	QPSK	22.37	-0.2	22.17	PASS
Band5	10	20525	25	#Mid	QPSK	22.36	-0.2	22.16	PASS
Band5	10	20525	25	#Max	QPSK	22.40	-0.2	22.20	PASS
Band5	10	20525	50	#0	QPSK	22.45	-0.2	22.25	PASS
Band5	10	20525	1	#0	16QAM	23.05	-0.2	22.85	PASS
Band5	10	20525	1	#Mid	16QAM	23.13	-0.2	22.93	PASS
Band5	10	20525	1	#Max	16QAM	23.29	-0.2	23.09	PASS
Band5	10	20525	25	#0	16QAM	21.38	-0.2	21.18	PASS
Band5	10	20525	25	#Mid	16QAM	21.48	-0.2	21.28	PASS
Band5	10	20525	25	#Max	16QAM	21.54	-0.2	21.34	PASS
Band5	10	20525	50	#0	16QAM	21.46	-0.2	21.26	PASS
Band5	10	20600	1	#0	QPSK	22.90	-0.2	22.70	PASS
Band5	10	20600	1	#Mid	QPSK	23.00	-0.2	22.80	PASS
Band5	10	20600	1	#Max	QPSK	23.12	-0.2	22.92	PASS
Band5	10	20600	25	#0	QPSK	22.42	-0.2	22.22	PASS
Band5	10	20600	25	#Mid	QPSK	22.62	-0.2	22.42	PASS
Band5	10	20600	25	#Max	QPSK	22.61	-0.2	22.41	PASS
Band5	10	20600	50	#0	QPSK	22.60	-0.2	22.40	PASS
Band5	10	20600	1	#0	16QAM	22.79	-0.2	22.59	PASS
Band5	10	20600	1	#Mid	16QAM	22.88	-0.2	22.68	PASS

Band5	10	20600	1	#Max	16QAM	22.95	-0.2	22.75	PASS
Band5	10	20600	25	#0	16QAM	21.61	-0.2	21.41	PASS
Band5	10	20600	25	#Mid	16QAM	21.66	-0.2	21.46	PASS
Band5	10	20600	25	#Max	16QAM	21.68	-0.2	21.48	PASS
Band5	10	20600	50	#0	16QAM	21.55	-0.2	21.35	PASS



Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band 5	1.4	20407	6	#0	QPSK	LV	NT	-24.72	-0.030	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	NT	-33.70	-0.041	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	HV	NT	-43.56	-0.053	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	LV	NT	-12.45	-0.015	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	NT	-21.47	-0.026	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	HV	NT	-29.84	-0.036	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	LV	NT	-27.92	-0.033	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	NT	-35.91	-0.043	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	HV	NT	-48.45	-0.058	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	LV	NT	-5.917	-0.007	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	NT	-13.35	-0.016	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	HV	NT	-21.66	-0.026	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	LV	NT	-25.62	-0.030	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	NT	-34.28	-0.040	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	HV	NT	-44.57	-0.053	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	LV	NT	-6.488	-0.008	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	NT	-15.35	-0.018	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	HV	NT	-23.0	-0.02	-2.5	2.5	PASS

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Band 5	3	20415	15	#0	QPSK	LV	NT	-30.58	-0.037	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	NT	-38.81	-0.047	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	HV	NT	-4.62	-0.006	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	LV	NT	-14.25	-0.017	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	NT	-24.89	-0.030	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	HV	NT	-38.11	-0.046	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	LV	NT	-6.64	-0.008	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	NT	-26.94	-0.032	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	HV	NT	-42.04	-0.050	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	LV	NT	-0.97	-0.001	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	NT	-2.02	-0.002	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	HV	NT	-8.90	-0.011	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	LV	NT	-5.56	-0.007	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	NT	-11.03	-0.013	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	HV	NT	-16.64	-0.020	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	LV	NT	-25.99	-0.031	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	NT	-32.53	-0.038	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	HV	NT	-40.53	-0.048	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	LV	NT	-22.65	-0.027	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	NT	-31.59	-0.038	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	HV	NT	-40.24	-0.049	-2.5	2.5	PASS

Band 5	5	20425	25	#0	16QAM	LV	NT	-10.7 4	-0.01 3	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	NT	-19.0 7	-0.02 3	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	HV	NT	-28.7 1	-0.03 5	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	LV	NT	-19.7 8	-0.02 4	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	NT	-27.0 5	-0.03 2	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	HV	NT	-35.2 8	-0.04 2	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	LV	NT	-49.9 0	-0.06 0	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	NT	-6.65 8	-0.00 8	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	HV	NT	-12.7 0	-0.01 5	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	LV	NT	-17.5 7	-0.02 1	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	NT	-24.0 8	-0.02 8	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	HV	NT	-31.0 9	-0.03 7	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	LV	NT	-39.1 4	-0.04 6	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	NT	-41.5 1	-0.04 9	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	HV	NT	-3.99 5	-0.00 5	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	LV	NT	-17.0 2	-0.02 1	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	NT	-24.3 0	-0.02 9	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	HV	NT	-20.8 6	-0.02 5	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	LV	NT	-0.30	0.000	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	NT	-8.55	-0.01 0	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	HV	NT	-15.5 2	-0.01 9	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	LV	NT	-10.6	-0.01	-2.5	2.5	PASS

5								1	3			
Band 5	10	20525	50	#0	QPSK	NV	NT	-18.88	-0.023	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	HV	NT	-24.98	-0.030	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	LV	NT	-34.86	-0.042	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	NT	-44.10	-0.053	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	HV	NT	-9.16	-0.011	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	LV	NT	-37.97	-0.045	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	NT	-11.80	-0.014	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	HV	NT	-11.44	-0.014	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	LV	NT	-13.89	-0.016	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	NT	-12.93	-0.015	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	HV	NT	-13.55	-0.016	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	-30	-23.06	-0.028	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	-20	-30.80	-0.037	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	0	-39.02	-0.047	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	10	-46.78	-0.057	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	20	-5.66	-0.007	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	-30	-14.96	-0.018	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	-20	-23.60	-0.029	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	0	-32.73	-0.040	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	10	-40.40	-0.049	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	20	-28.37	-0.034	-2.5	2.5	PASS

Band 5	1.4	20525	6	#0	QPSK	NV	-30	-19.2 0	-0.02 3	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	-20	-27.1 9	-0.03 3	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	0	-36.7 6	-0.04 4	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	10	-45.7 5	-0.05 5	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	20	-6.14	-0.00 7	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	-30	-19.8 8	-0.02 4	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	-20	-29.8 1	-0.03 6	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	0	-40.0 0	-0.04 8	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	10	-27.5 5	-0.03 3	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	20	-14.3 9	-0.01 7	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	-30	-23.6 9	-0.02 8	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	-20	-33.9 0	-0.04 0	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	0	-41.4 3	-0.04 9	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	10	-8.61	-0.01 0	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	20	-19.9 8	-0.02 4	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	-30	-38.4 5	-0.04 5	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	-20	-29.5 1	-0.03 5	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	0	-11.86	-0.01 4	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	10	-23.6 0	-0.02 8	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	20	-34.0 6	-0.04 0	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	-30	-32.0 4	-0.03 9	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	-20	-43.1	-0.05	-2.5	2.5	PASS

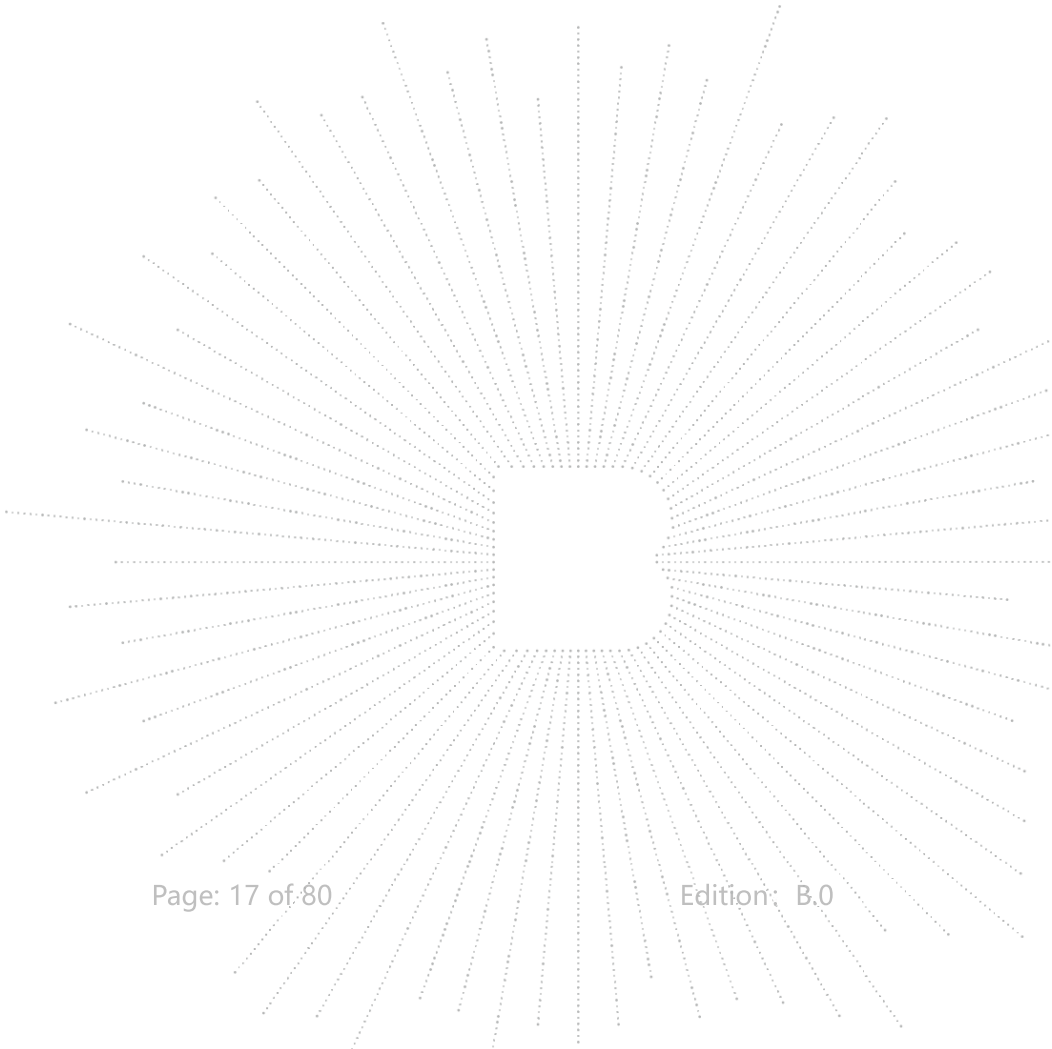
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Band 5	3	20415	15	#0	QPSK	NV	0	-4.49	-0.00	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	10	-17.0	-0.02	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	20	-28.3	-0.03	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	-30	-42.0	-0.05	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	-20	-4.91	-0.00	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	0	-14.1	-0.01	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	10	-23.6	-0.02	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	20	-34.5	-0.04	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	-30	-25.2	-0.03	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	-20	-42.4	-0.05	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	0	-2.10	-0.00	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	10	-12.4	-0.01	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	20	-23.7	-0.02	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	-30	-35.3	-0.04	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	-20	-45.1	-0.05	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	0	-15.6	-0.01	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	10	-30.7	-0.03	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	20	-45.7	-0.05	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	-30	-18.3	-0.02	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	-20	-26.0	-0.03	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	0	-32.7	-0.03	-2.5	2.5	PASS

Band 5	3	20635	15	#0	QPSK	NV	10	-40.2 4	-0.04 7	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	20	2.03	0.002	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	-30	-7.82	-0.00 9	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	-20	-15.2 1	-0.01 8	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	0	-23.5 7	-0.02 8	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	10	-31.3 4	-0.03 7	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	20	-38.9 4	-0.04 6	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	-30	-14.6 3	-0.01 8	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	-20	-24.4 9	-0.03 0	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	0	-36.2 1	-0.04 4	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	10	-24.1 9	-0.02 9	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	20	-10.0 7	-0.01 2	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	-30	-22.1 7	-0.02 7	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	-20	-36.8 4	-0.04 5	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	0	-44.5 7	-0.05 4	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	10	-4.02	-0.00 5	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	20	-11.26	-0.01 4	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	-30	-21.6 6	-0.02 6	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	-20	-35.8 1	-0.04 3	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	0	-16.8 9	-0.02 0	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	10	-21.4 7	-0.02 6	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	20	-31.3	-0.03	-2.5	2.5	PASS

5								7	8			
Band 5	5	20525	25	#0	16QAM	NV	-30	-34.2 8	-0.04 1	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	-20	-38.0 9	-0.04 6	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	0	-43.5 7	-0.05 2	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	10	-48.1 7	-0.05 8	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	20	-2.85	-0.00 3	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	-30	-10.5 1	-0.01 2	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	-20	-15.8 1	-0.01 9	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	0	-22.1 2	-0.02 6	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	10	-28.0 7	-0.03 3	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	20	-34.6 8	-0.04 1	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	-30	-41.1 7	-0.04 9	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	-20	-46.6 2	-0.05 5	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	0	-7.81	-0.00 9	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	10	-16.9 4	-0.02 0	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	20	-25.3 5	-0.03 0	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	-30	-3.95	-0.00 5	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	-20	-10.6 1	-0.01 3	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	0	-17.7 0	-0.02 1	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	10	-24.1 0	-0.02 9	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	20	-30.2 7	-0.03 7	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	-30	-36.9 5	-0.04 5	-2.5	2.5	PASS

Band 5	10	20450	50	#0	16QAM	NV	-20	-43.0 3	-0.05 2	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	0	-6.22	-0.00 8	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	10	-11.97	-0.01 4	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	20	-16.1 9	-0.02 0	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	-30	-10.3 3	-0.01 2	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	-20	-16.4 8	-0.02 0	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	0	-22.5 2	-0.02 7	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	10	-28.2 5	-0.03 4	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	20	-35.0 6	-0.04 2	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	-30	-41.5 7	-0.05 0	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	-20	-47.4 2	-0.05 7	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	0	0.79	0.001	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	10	-8.71	-0.01 0	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	20	-15.7 4	-0.01 9	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	-30	-8.75	-0.01 0	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	-20	-28.4 1	-0.03 4	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	0	-45.7 2	-0.05 4	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	10	-7.54	-0.00 9	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	20	-18.2 0	-0.02 2	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	-30	-19.6 1	-0.02 3	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	-20	-21.9 2	-0.02 6	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	0	-23.7	-0.02	-2.5	2.5	PASS

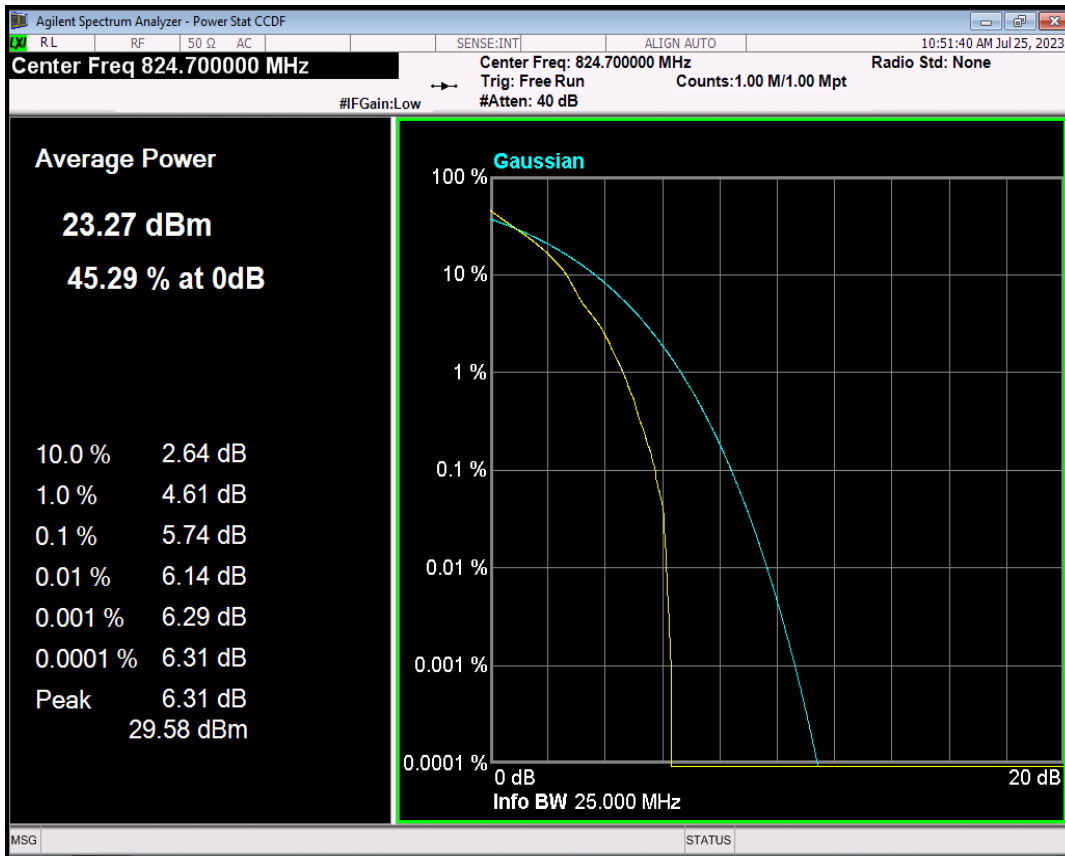
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Band	10	20600	50	#0	16QAM	NV	10	-27.6	-0.03	-2.5	2.5	PASS
5								5	3			
Band	10	20600	50	#0	16QAM	NV	20	-30.4	-0.03	-2.5	2.5	PASS
5								3	6			



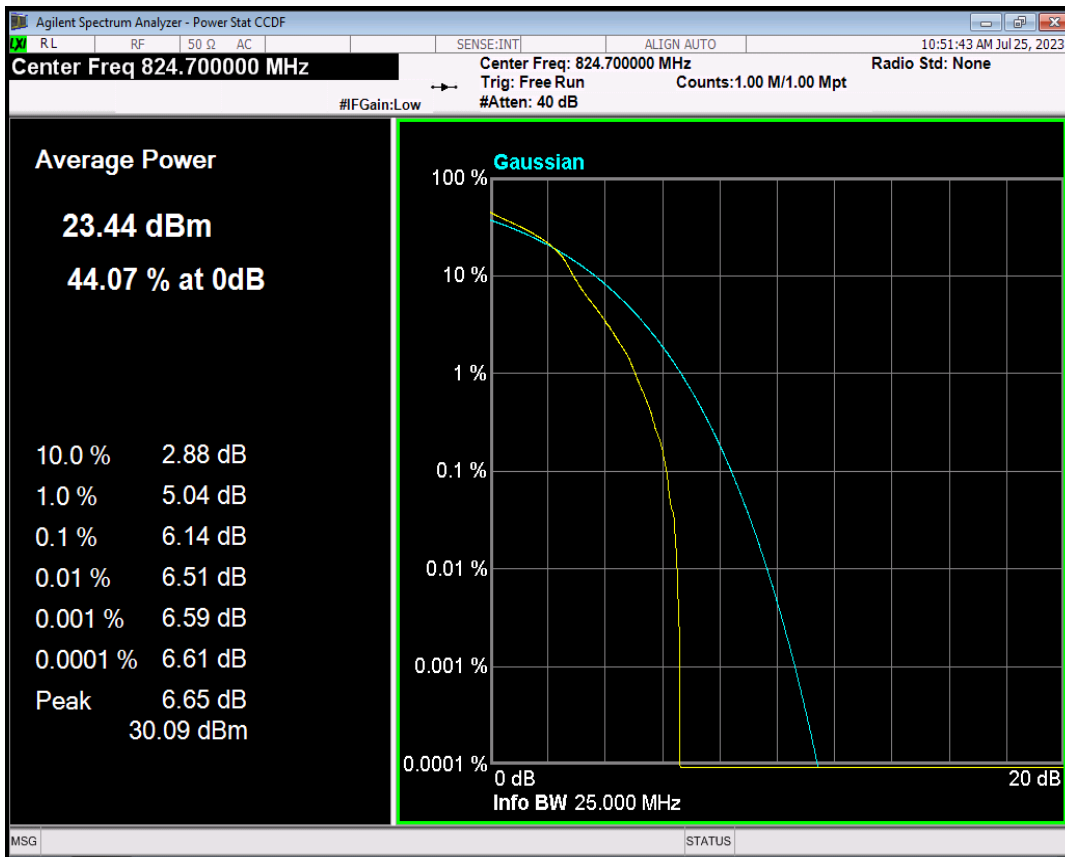
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	1.4	20407	1	#0	QPSK	5.74	13	PASS
Band5	1.4	20407	1	#0	16QAM	6.14	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.35	13	PASS
Band5	1.4	20525	1	#0	16QAM	5.89	13	PASS
Band5	1.4	20643	1	#0	QPSK	5.37	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.79	13	PASS
Band5	3	20415	1	#0	QPSK	5.79	13	PASS
Band5	3	20415	1	#0	16QAM	6.58	13	PASS
Band5	3	20525	1	#0	QPSK	5.50	13	PASS
Band5	3	20525	1	#0	16QAM	5.82	13	PASS
Band5	3	20635	1	#0	QPSK	5.27	13	PASS
Band5	3	20635	1	#0	16QAM	5.95	13	PASS
Band5	5	20425	1	#0	QPSK	6.03	13	PASS
Band5	5	20425	1	#0	16QAM	6.45	13	PASS
Band5	5	20525	1	#0	QPSK	5.17	13	PASS
Band5	5	20525	1	#0	16QAM	5.64	13	PASS
Band5	5	20625	1	#0	QPSK	5.04	13	PASS
Band5	5	20625	1	#0	16QAM	5.53	13	PASS
Band5	10	20450	1	#0	QPSK	5.76	13	PASS
Band5	10	20450	1	#0	16QAM	6.58	13	PASS
Band5	10	20525	1	#0	QPSK	4.83	13	PASS
Band5	10	20525	1	#0	16QAM	5.47	13	PASS
Band5	10	20600	1	#0	QPSK	4.86	13	PASS
Band5	10	20600	1	#0	16QAM	5.56	13	PASS

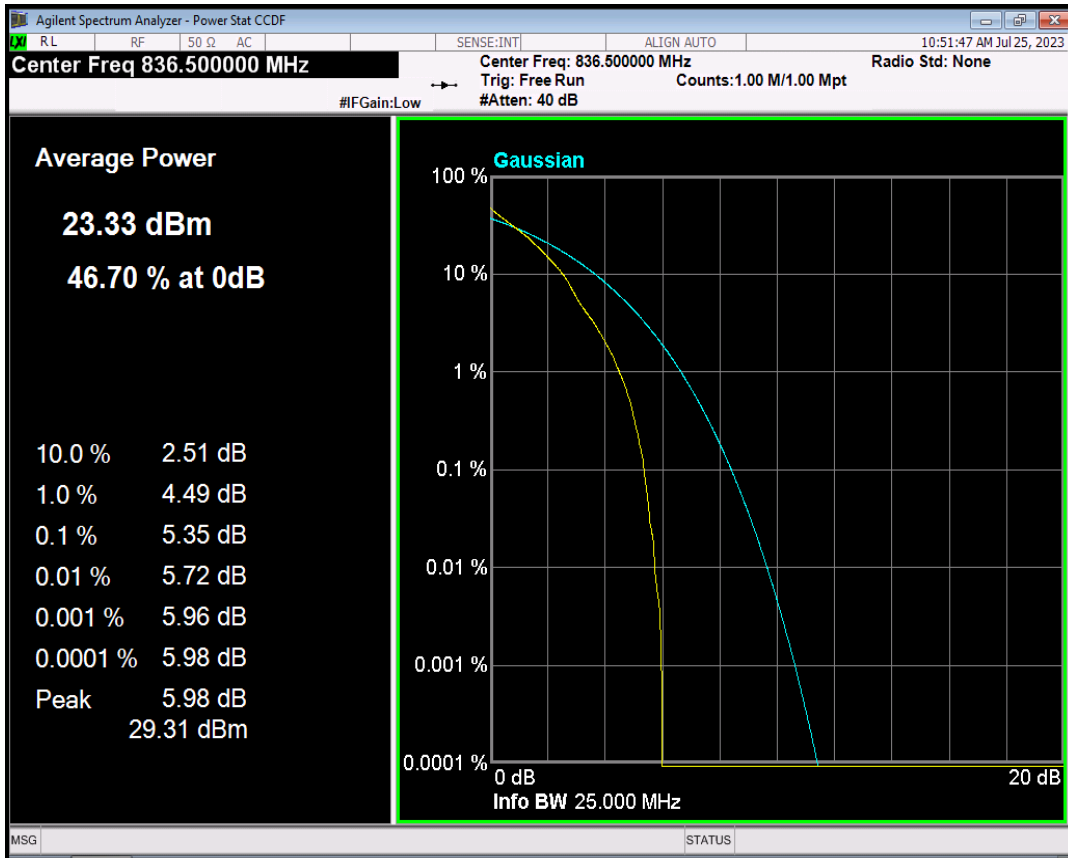
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



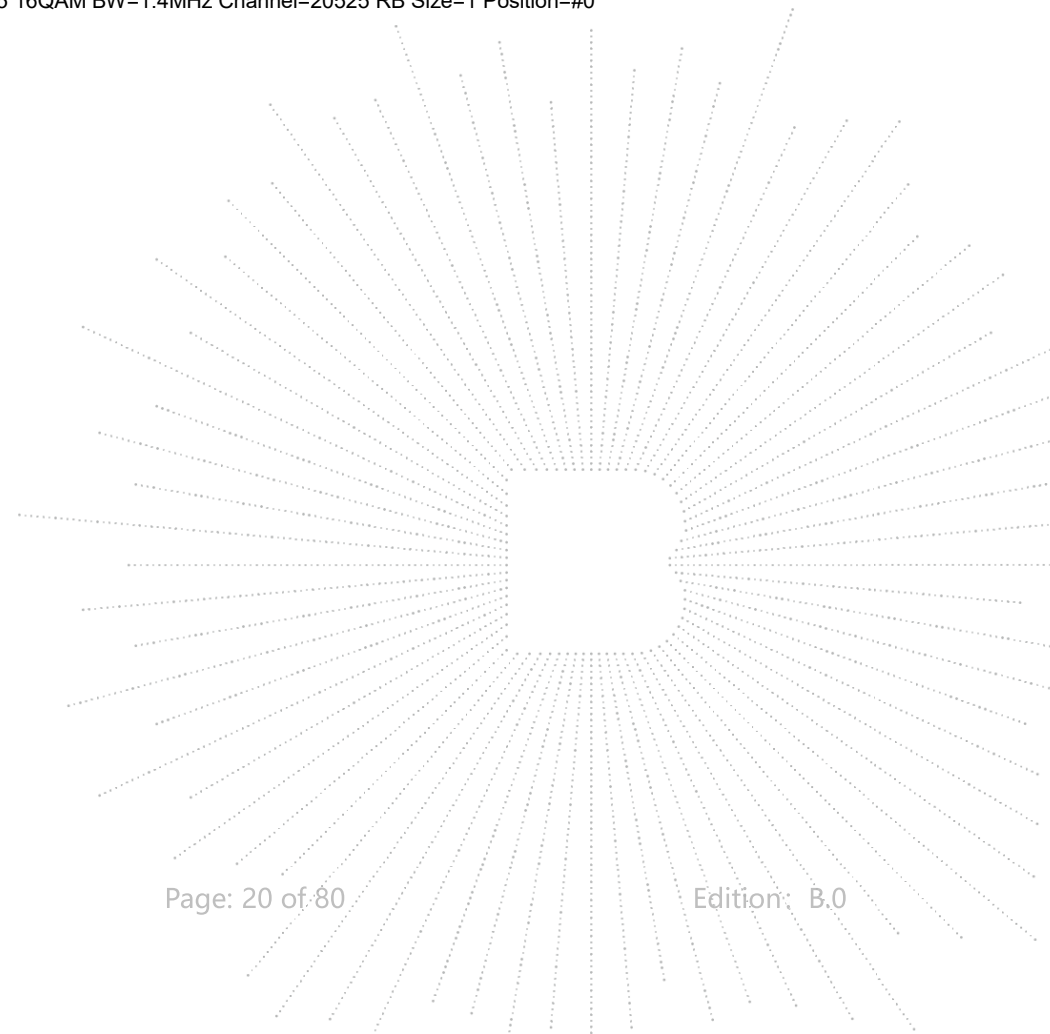
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0

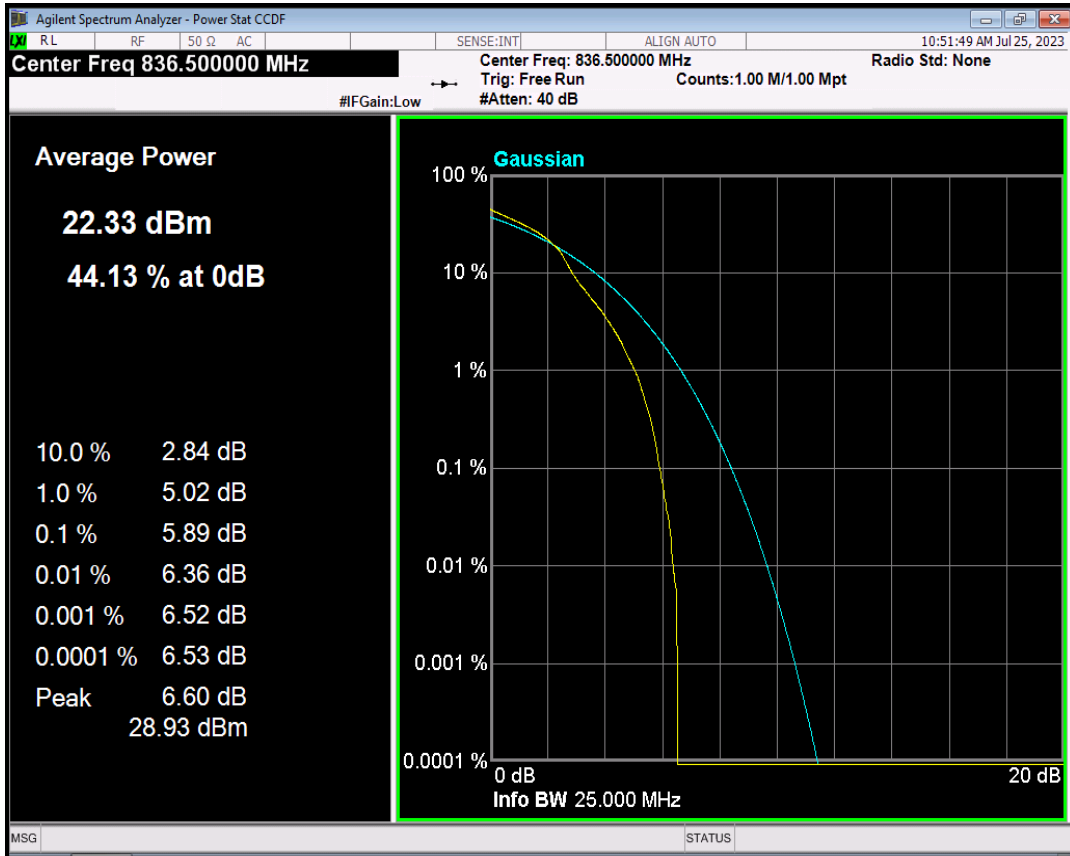


Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0

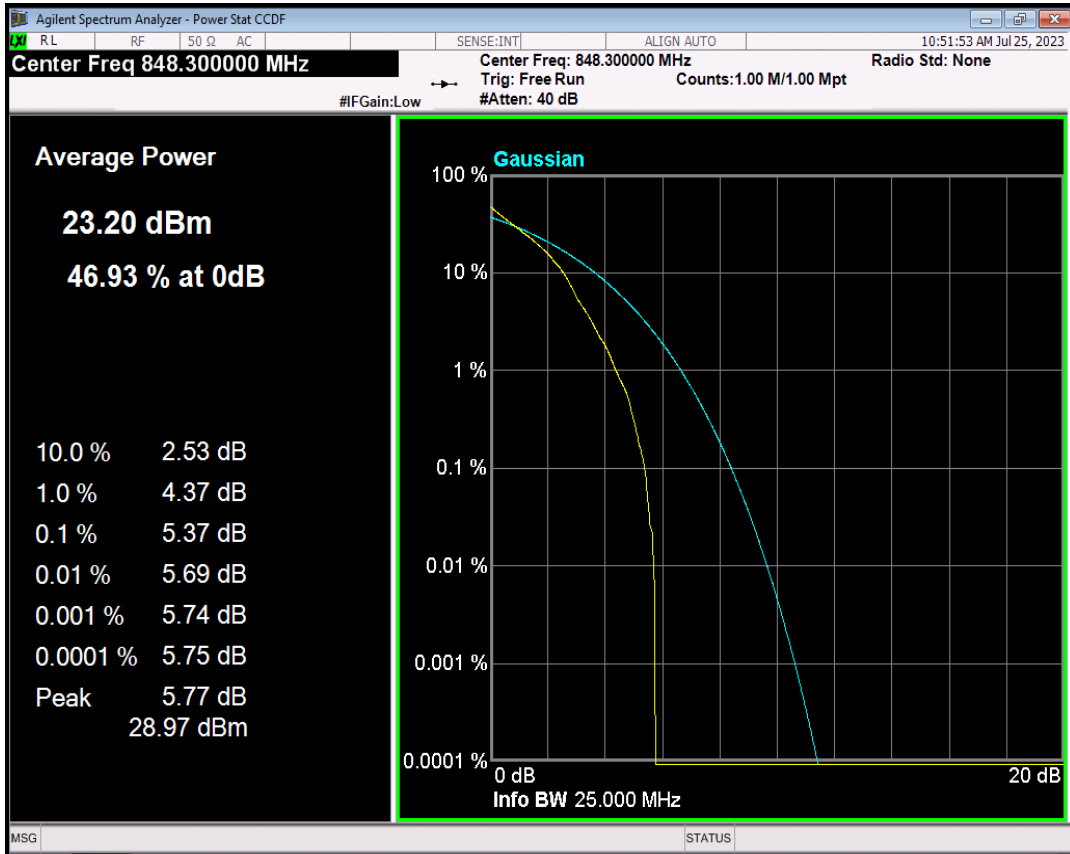


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0

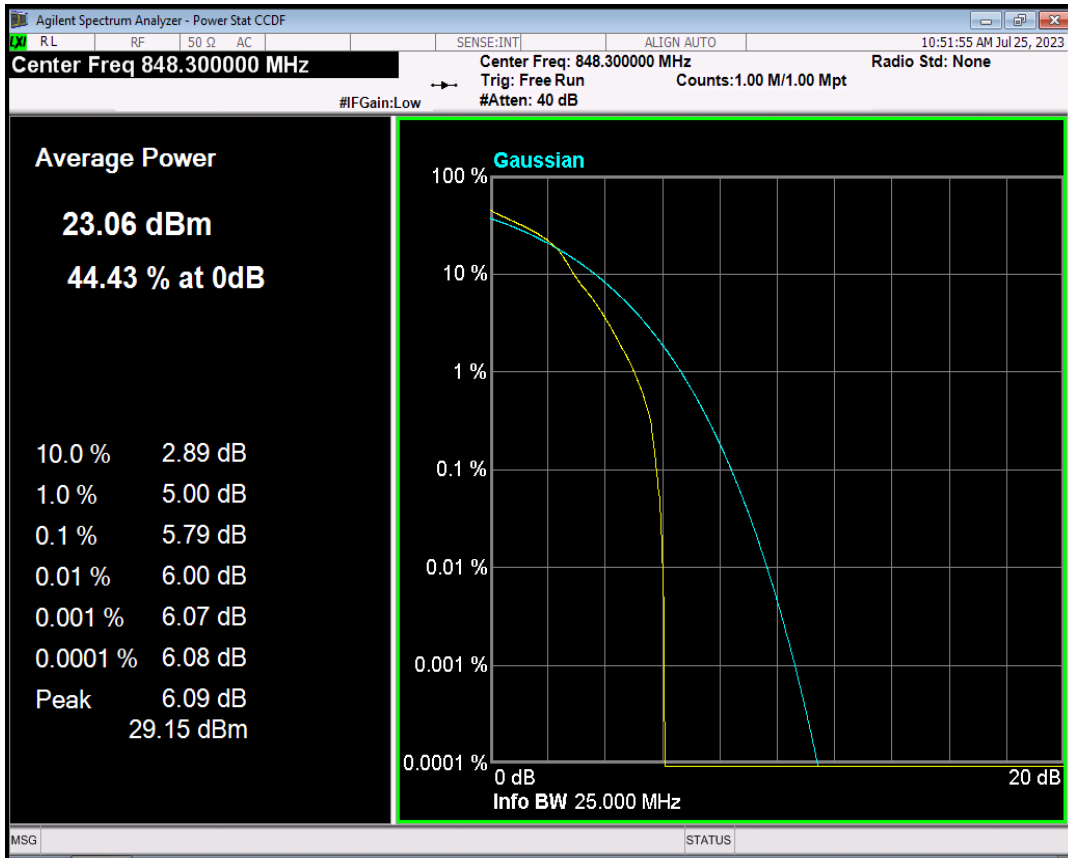




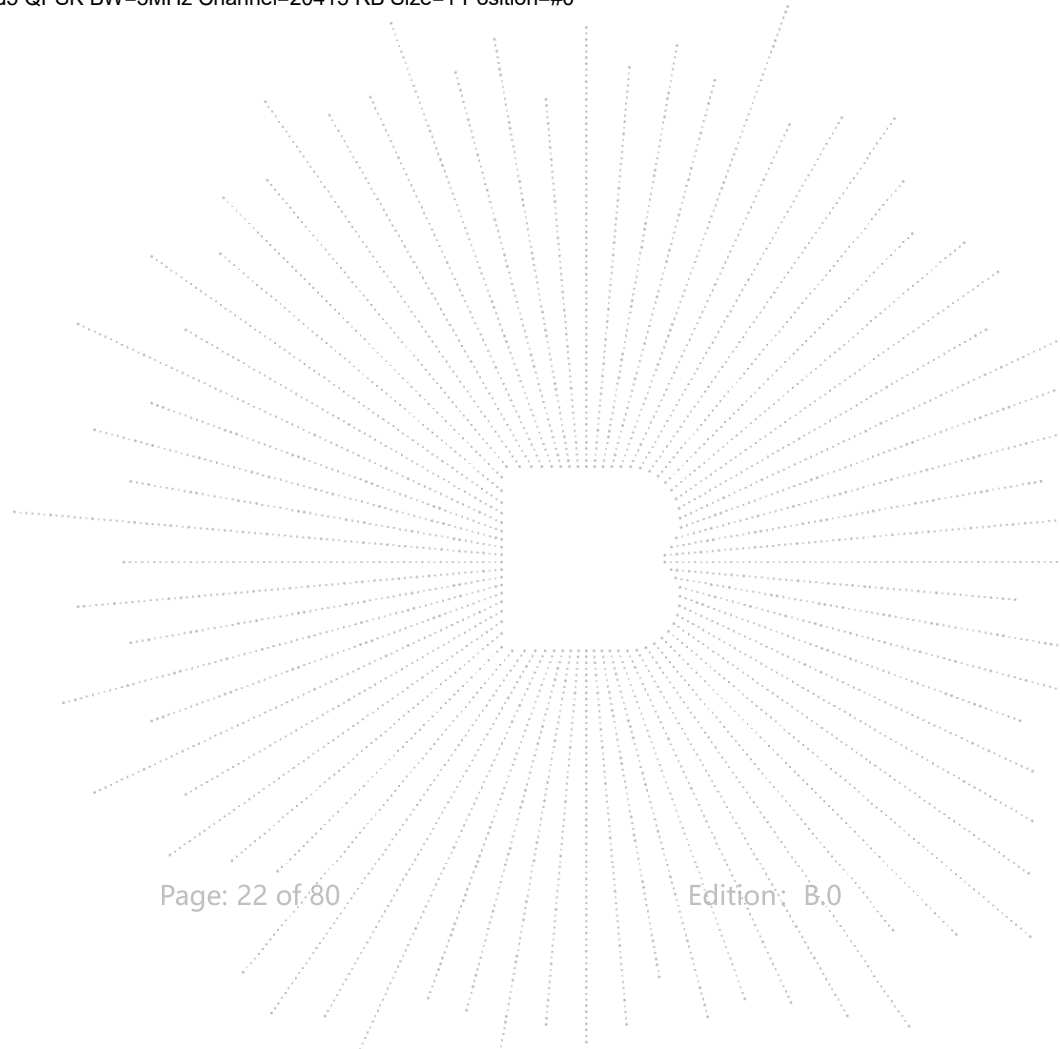
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0

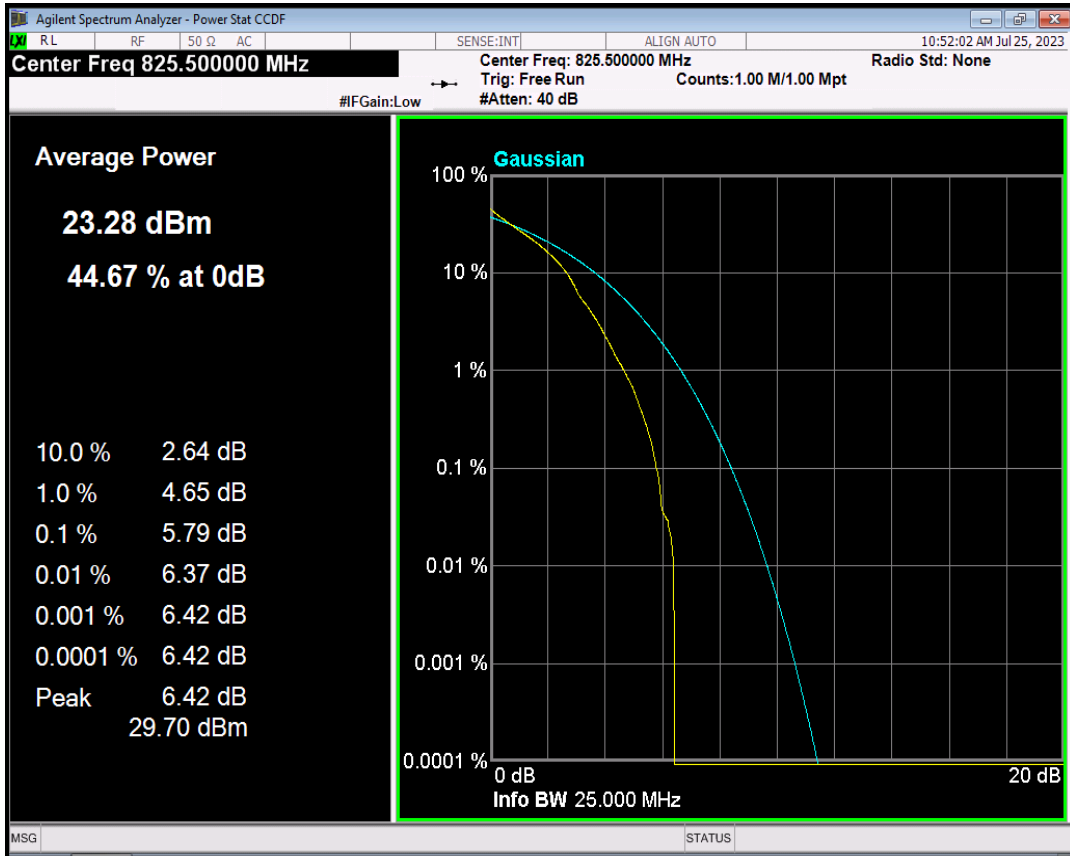


Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0

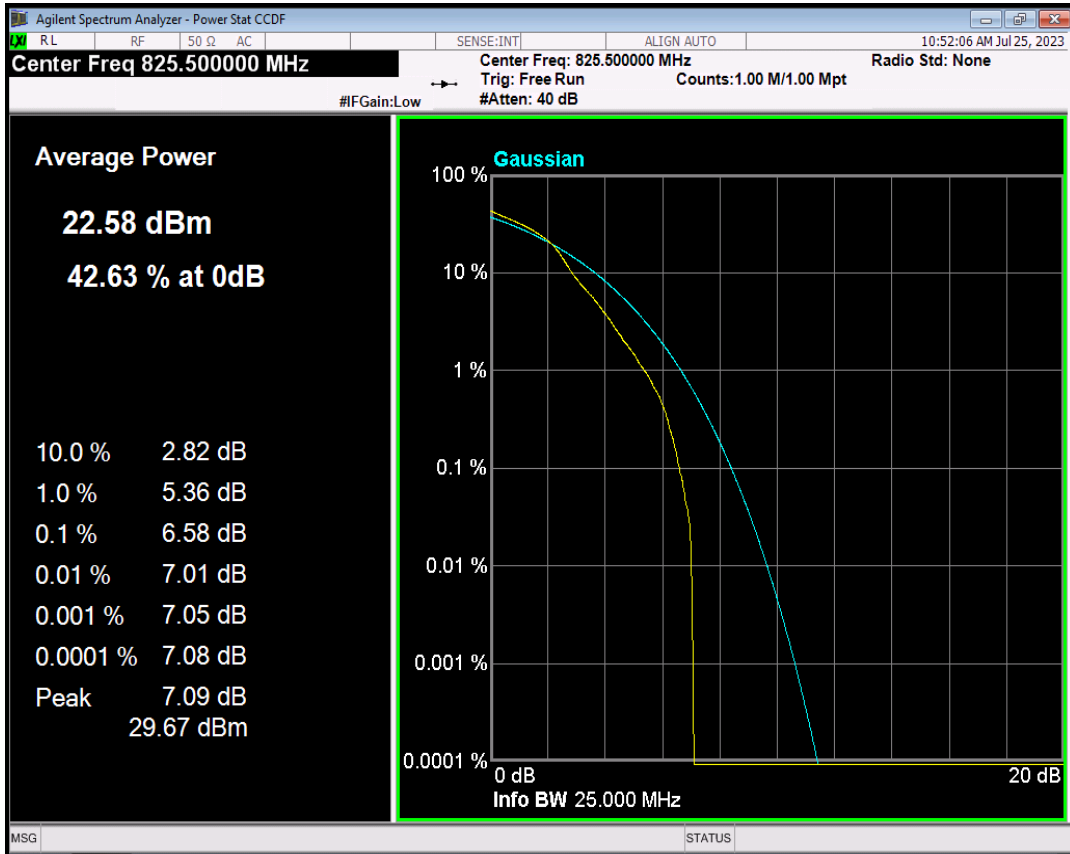


Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0

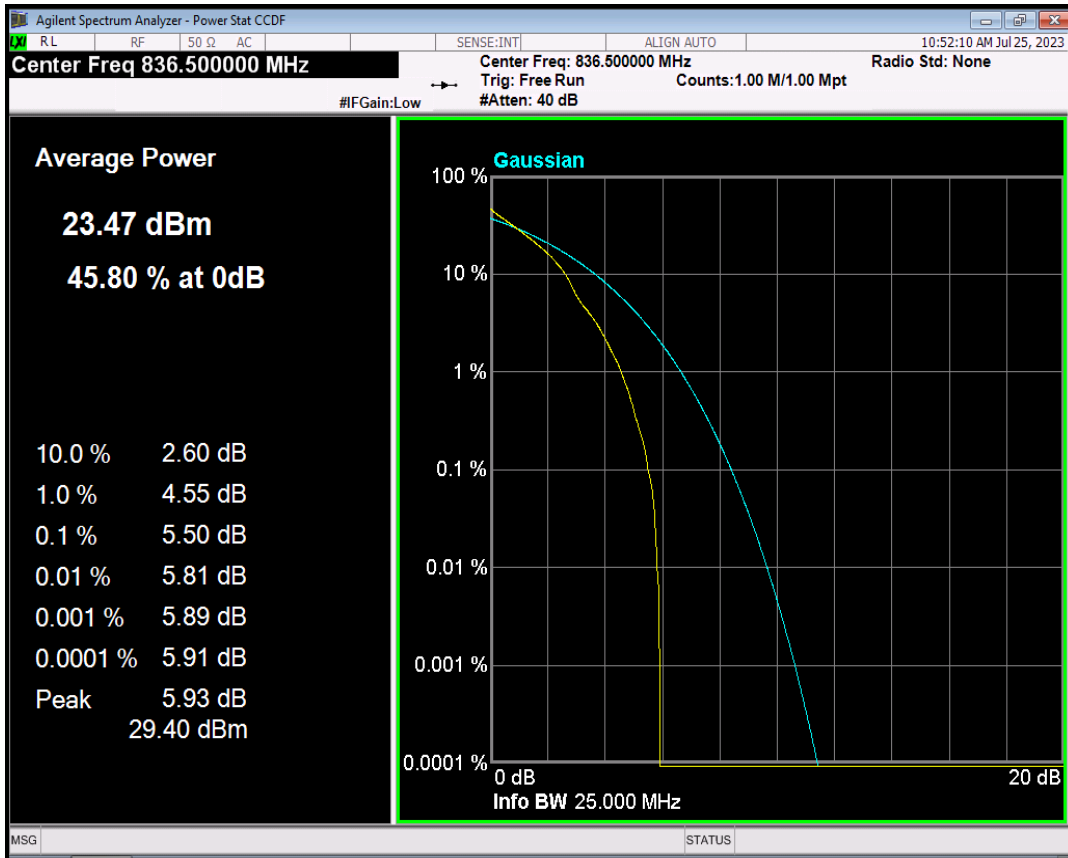




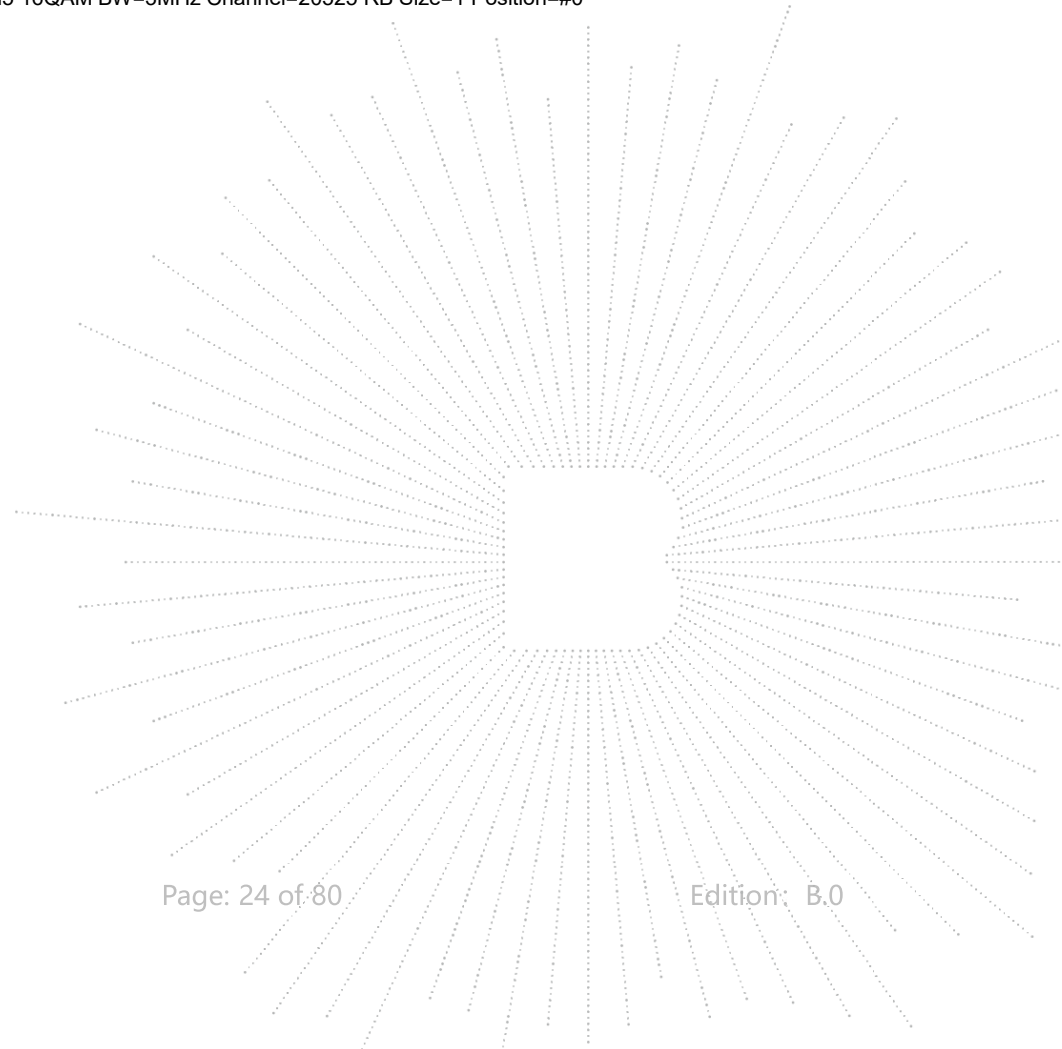
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0

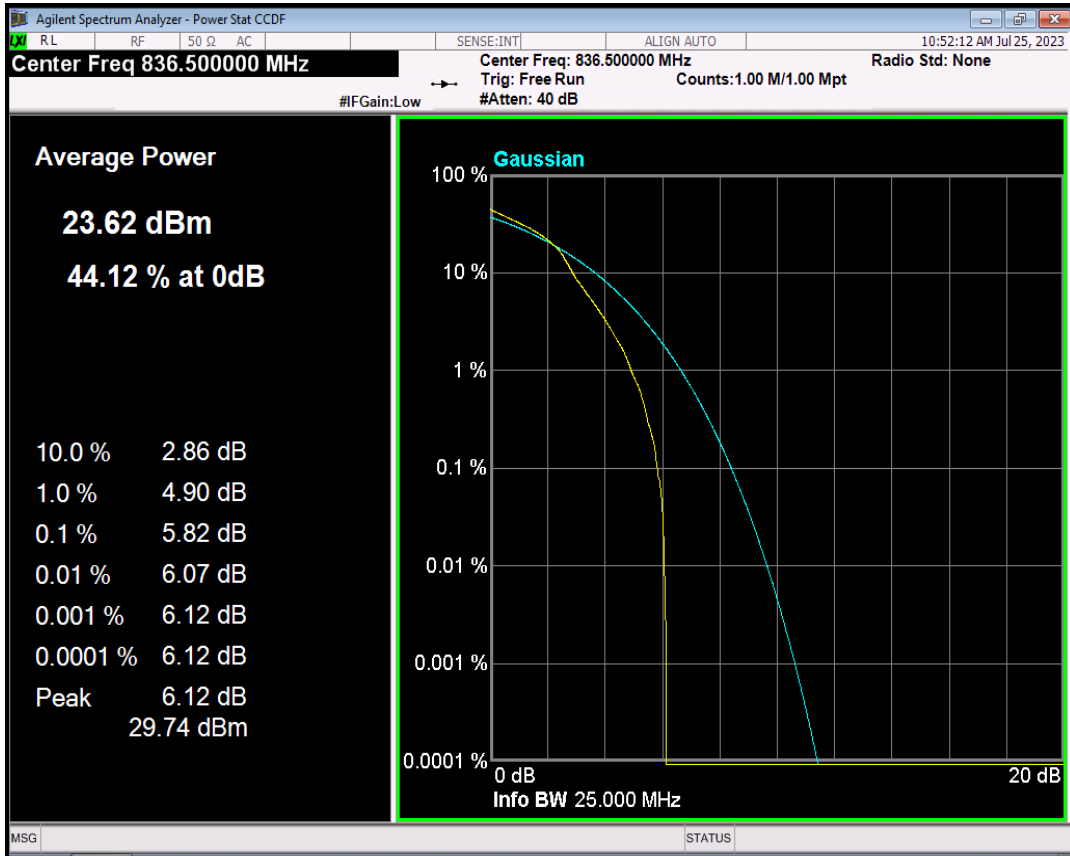


Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0

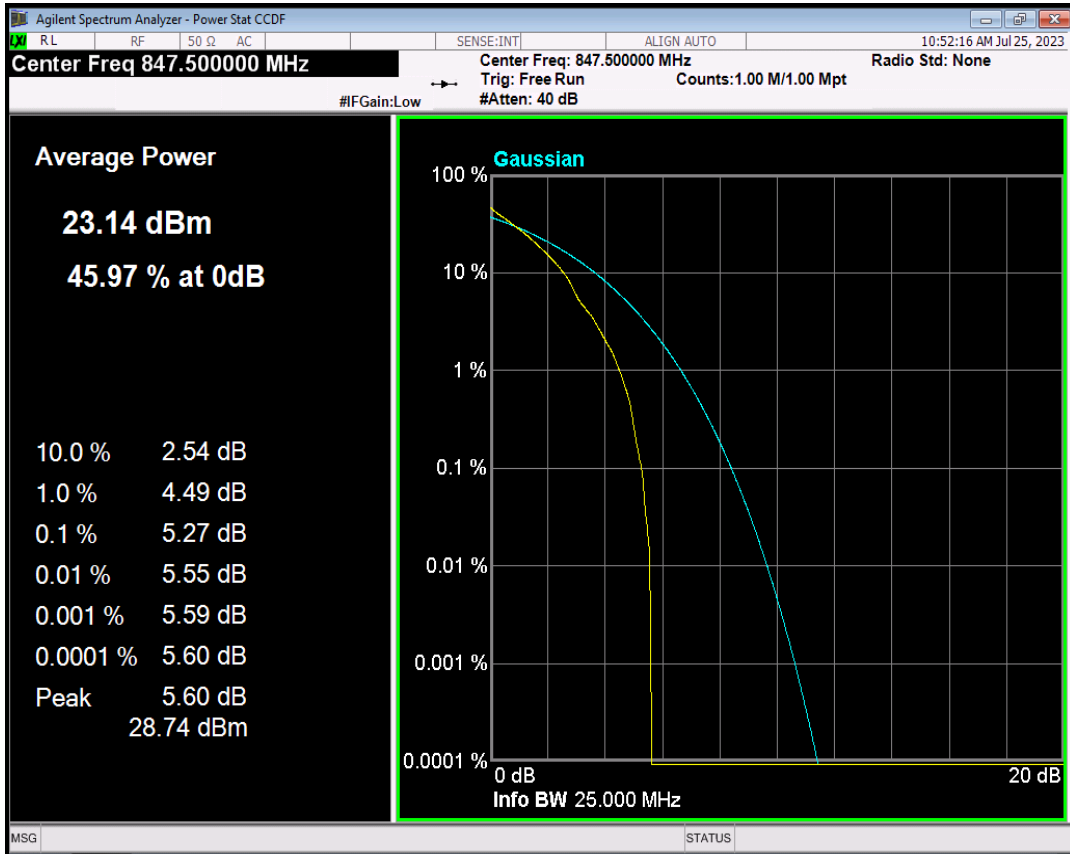


Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0

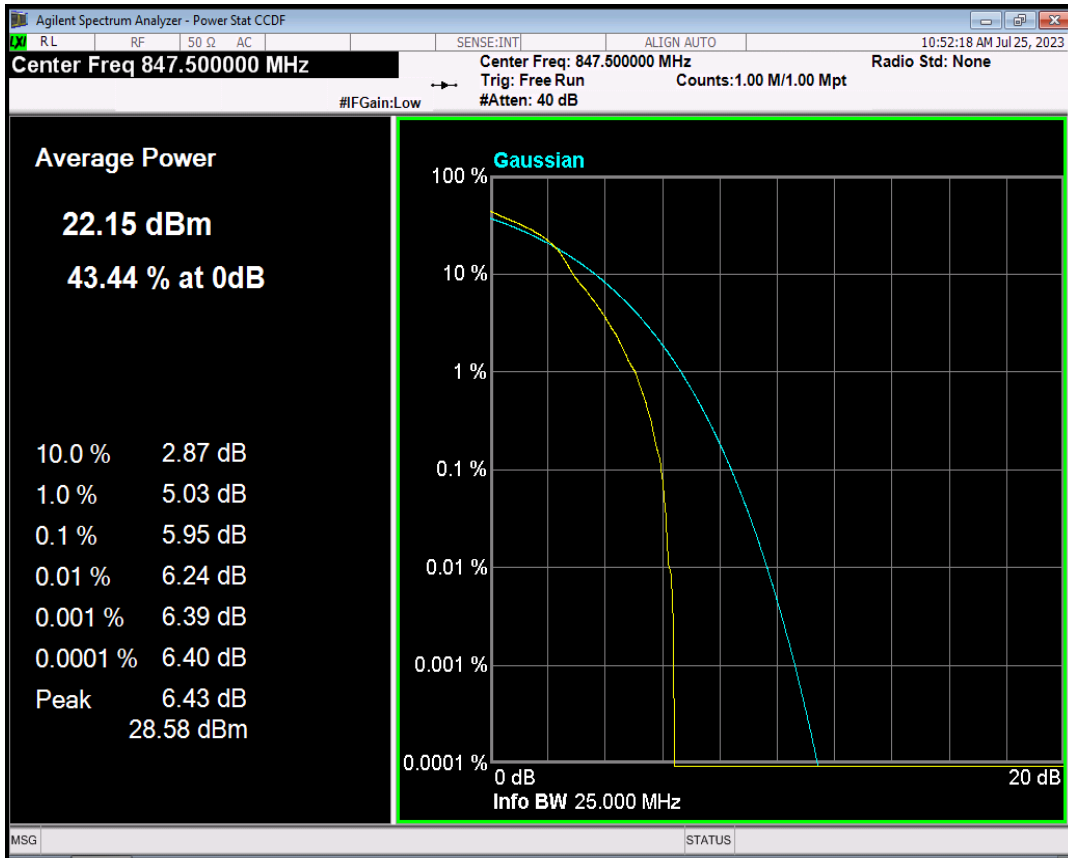




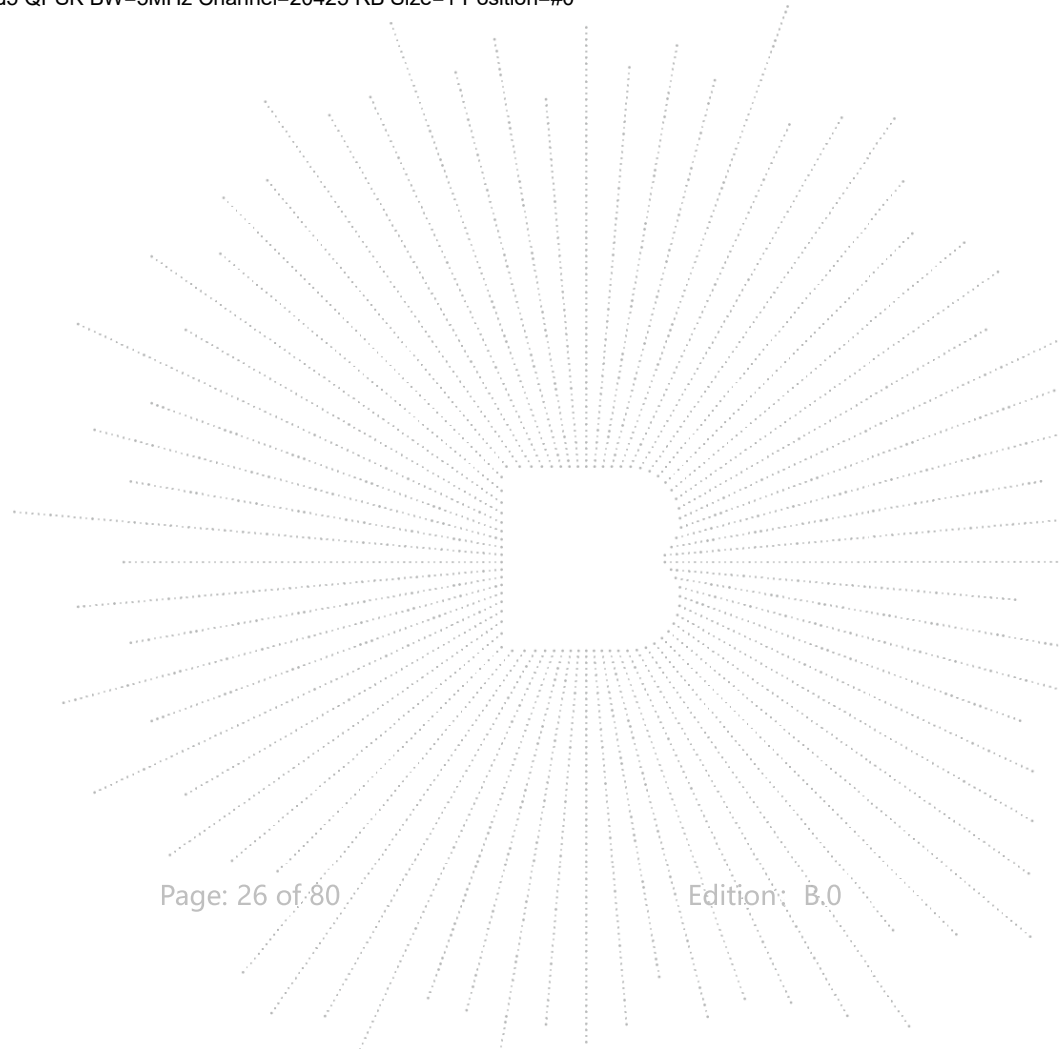
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0

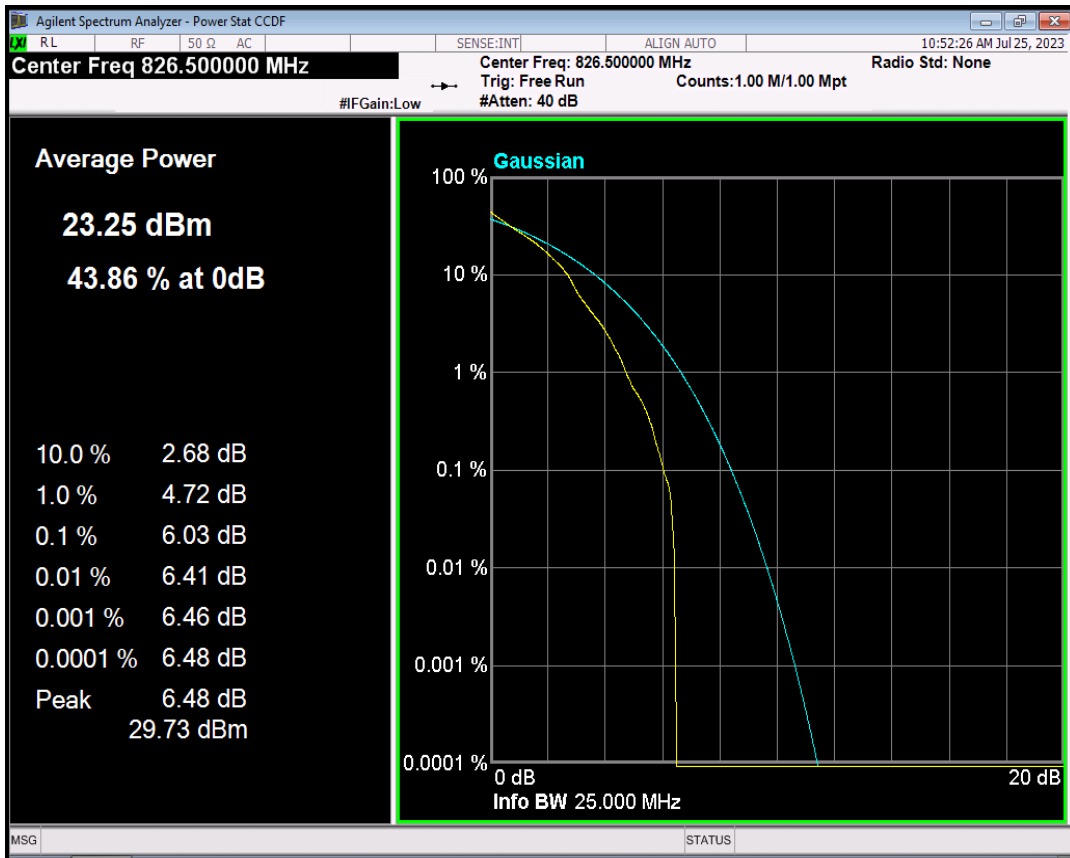


Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0

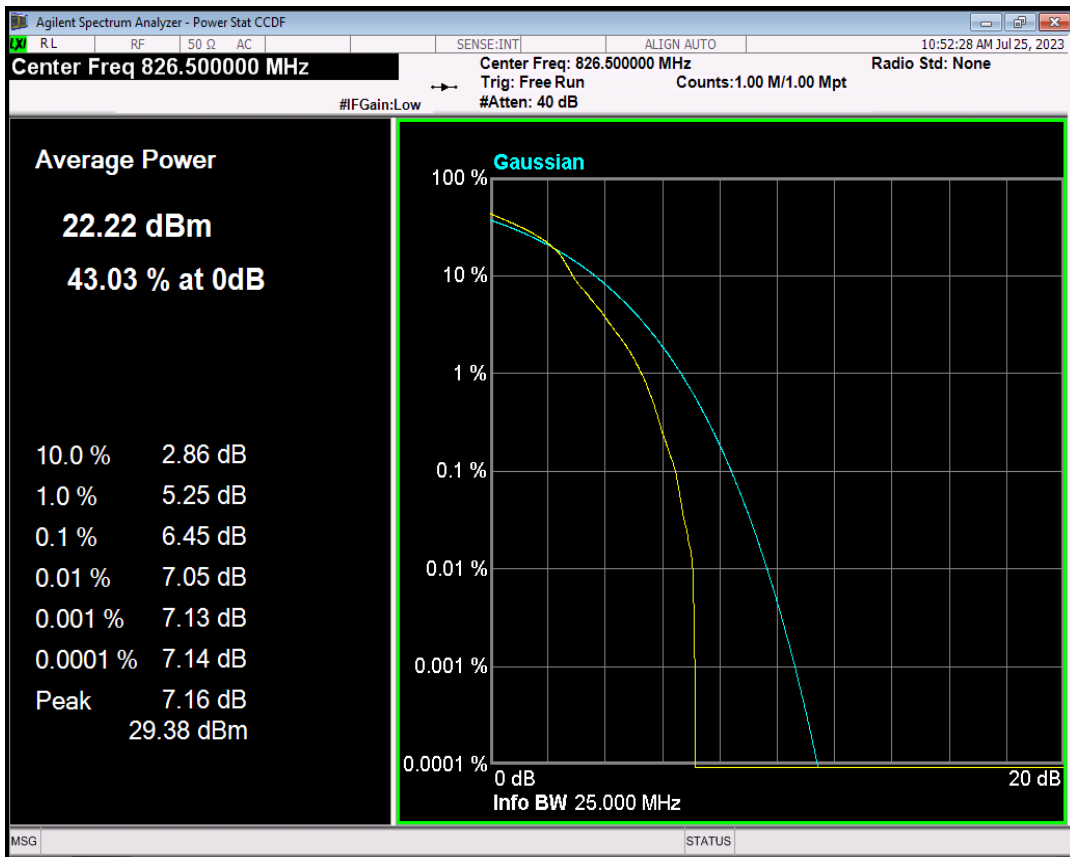


Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0

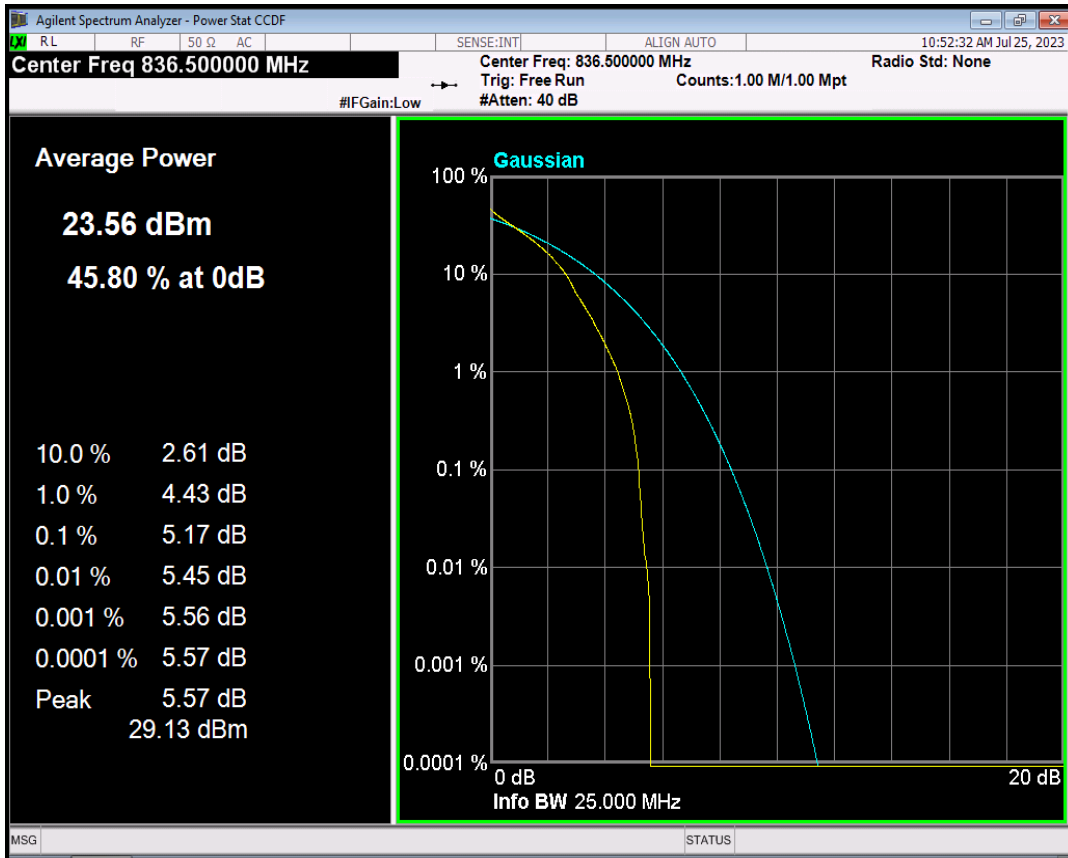




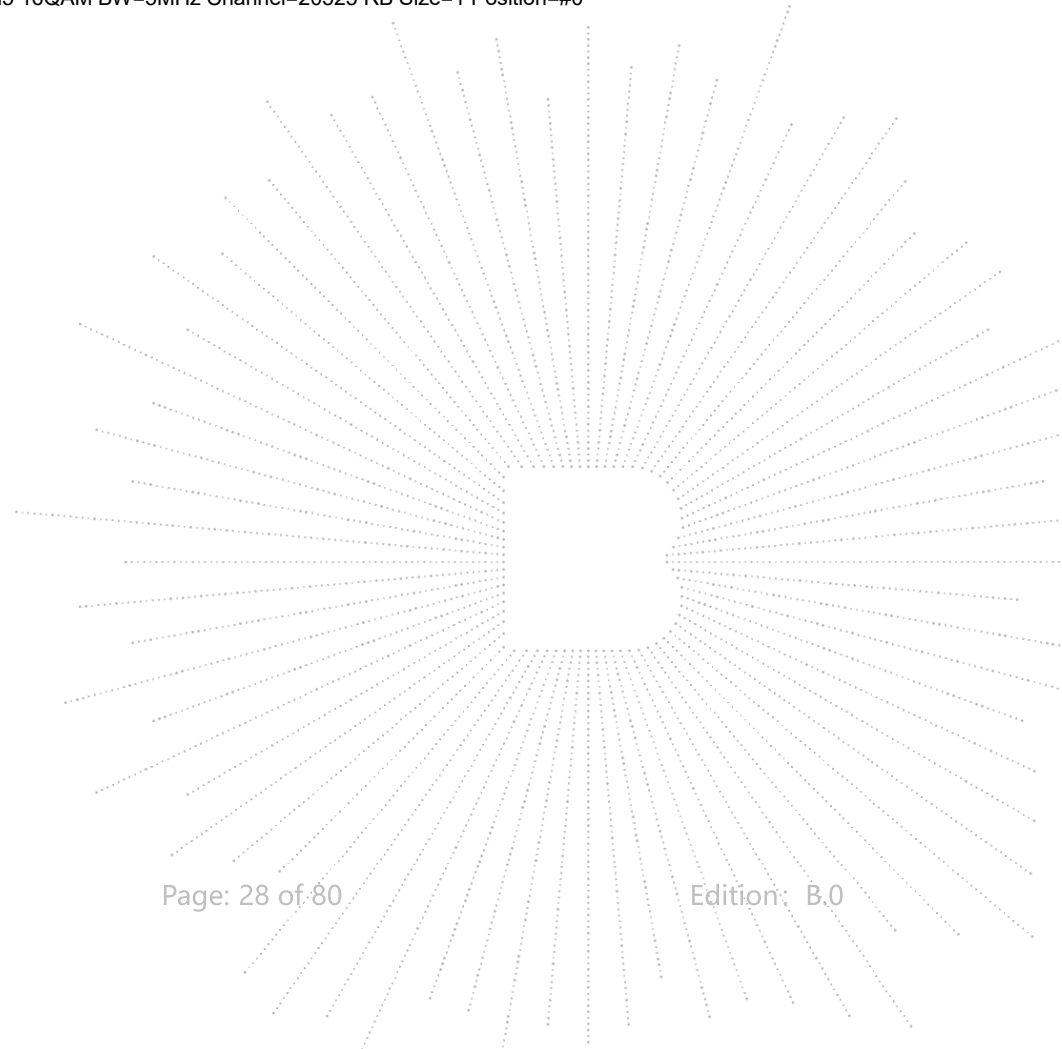
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0

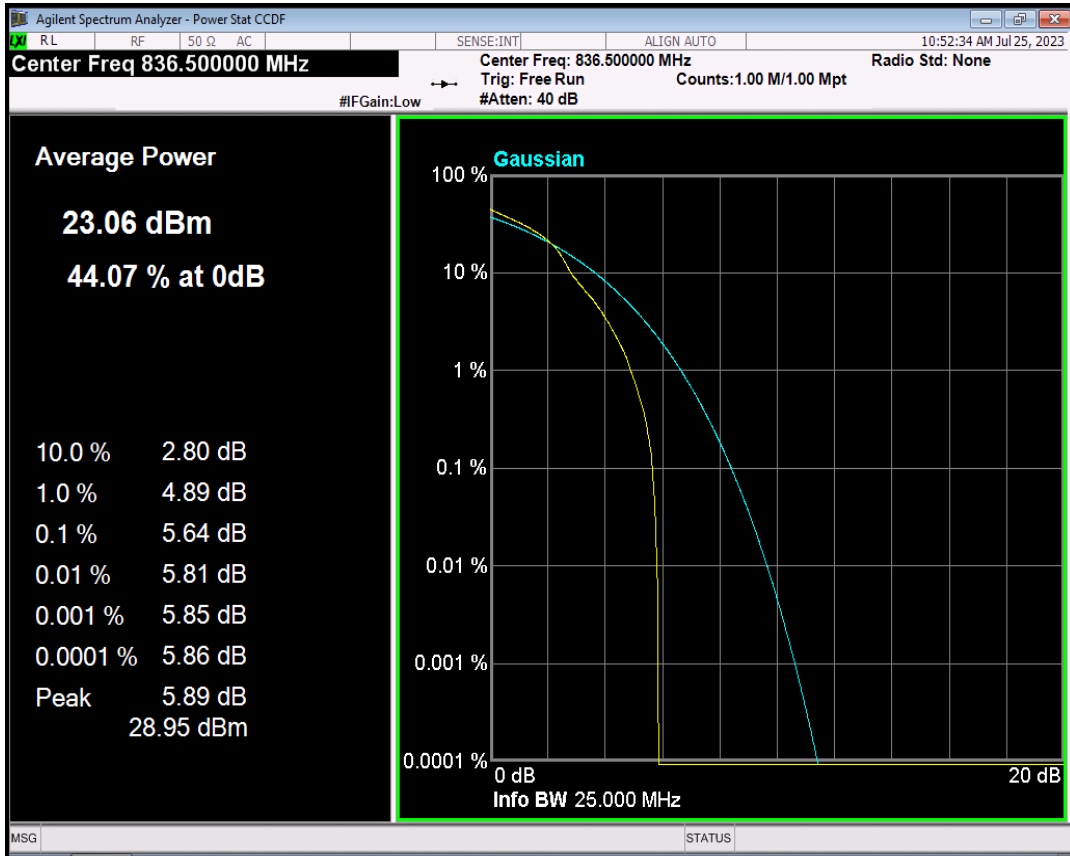


Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0

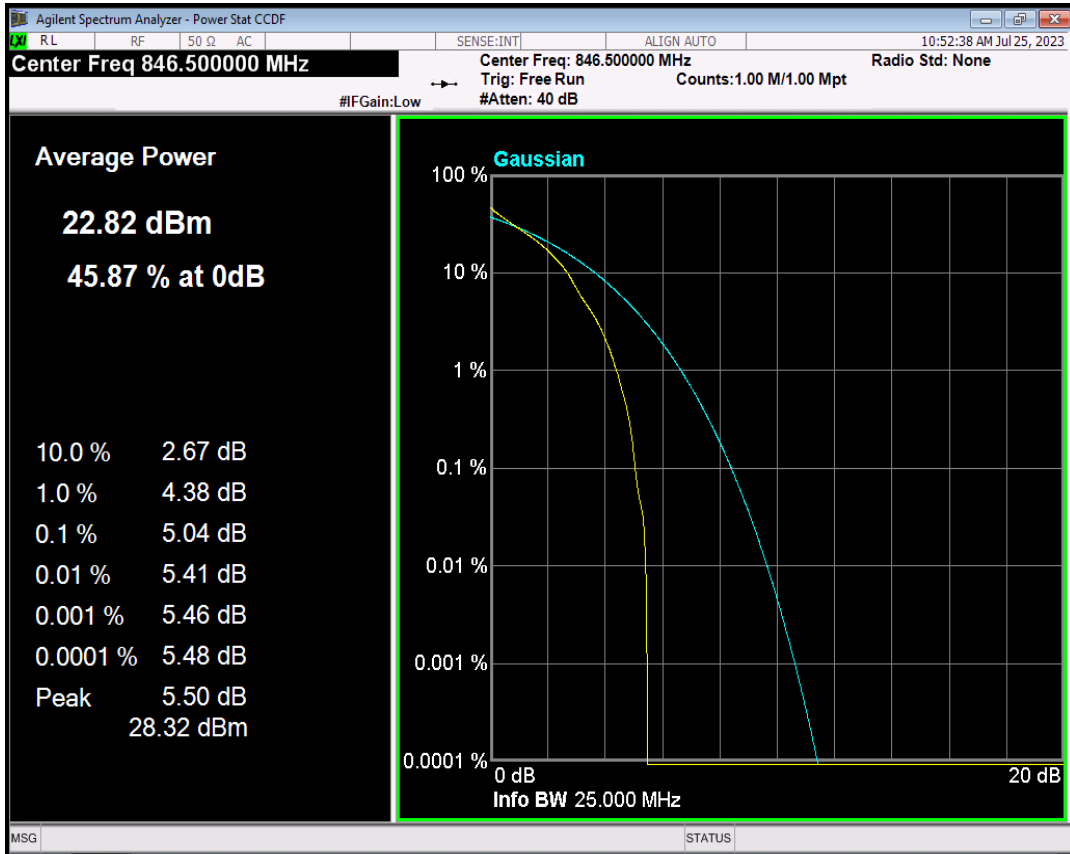


Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0

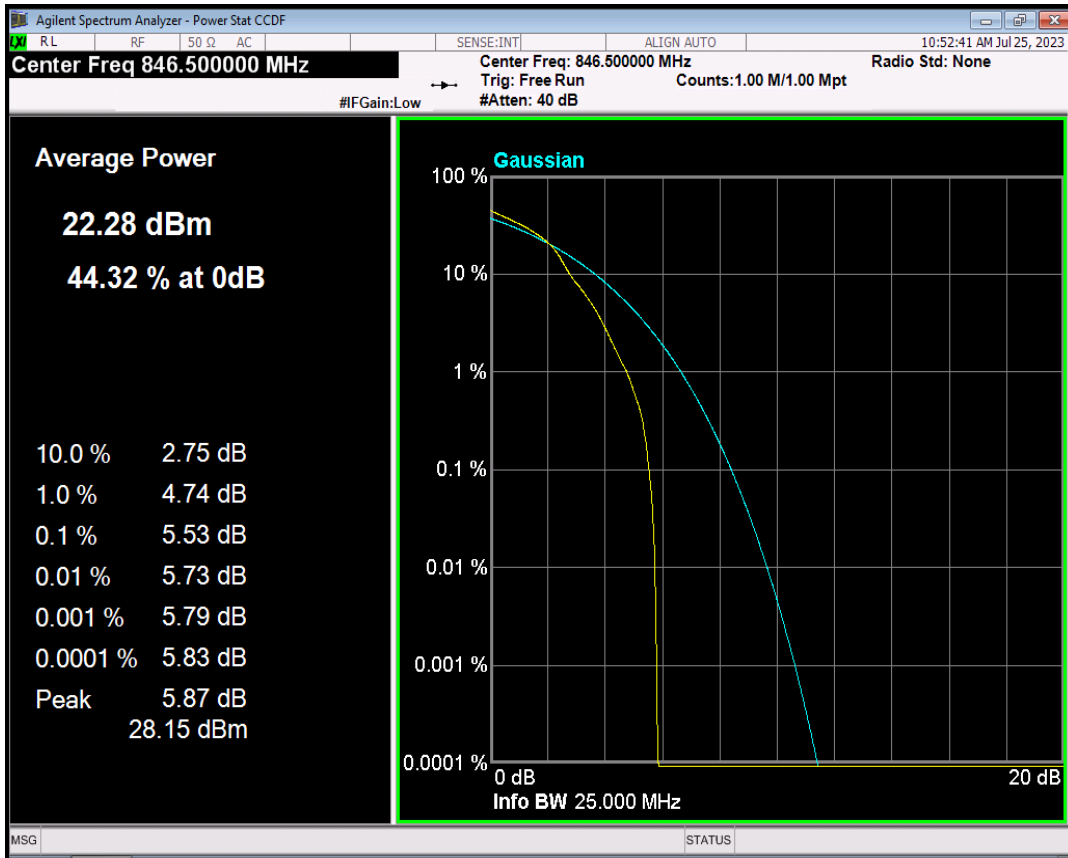




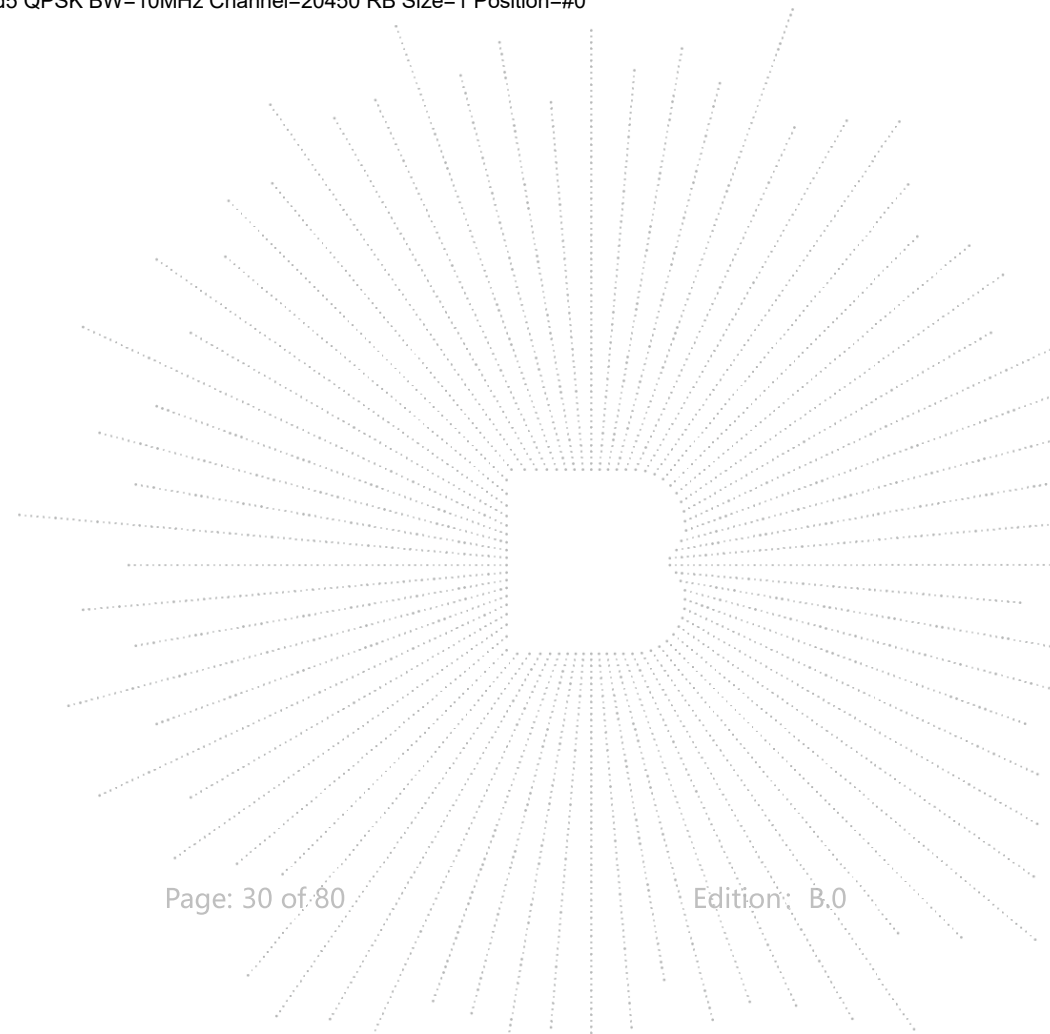
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0

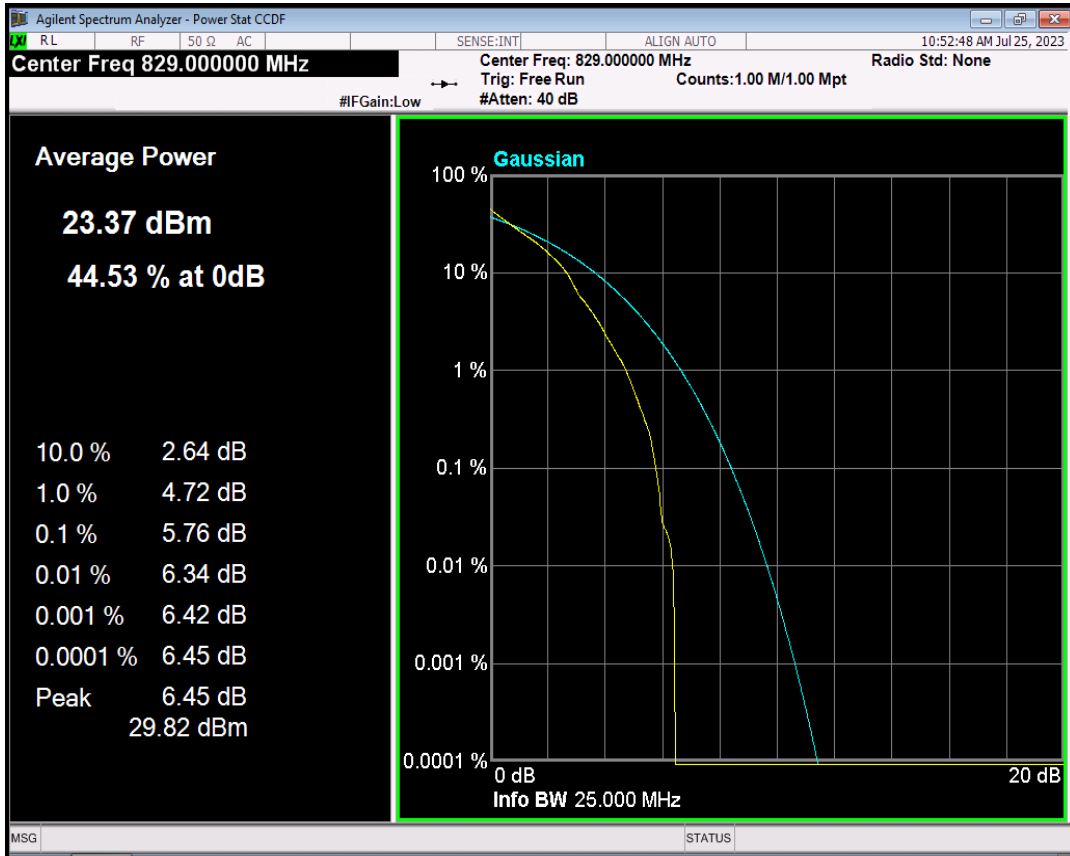


Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0

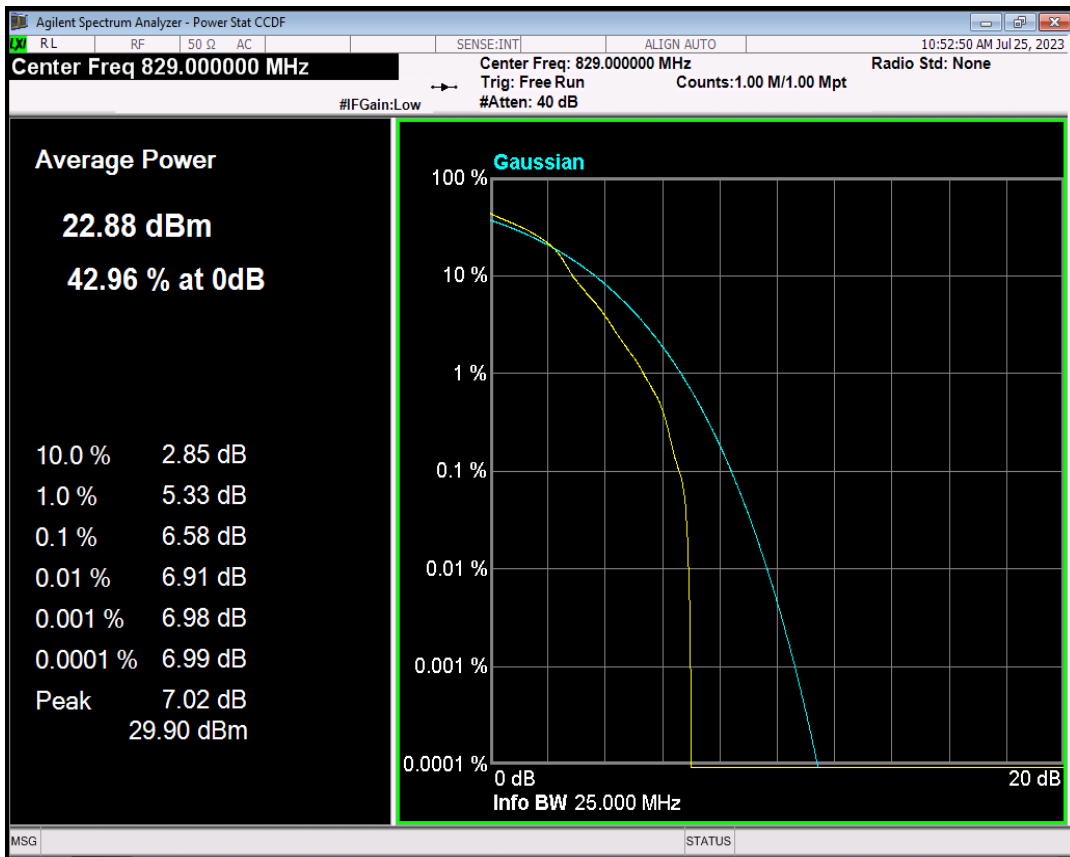


Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0

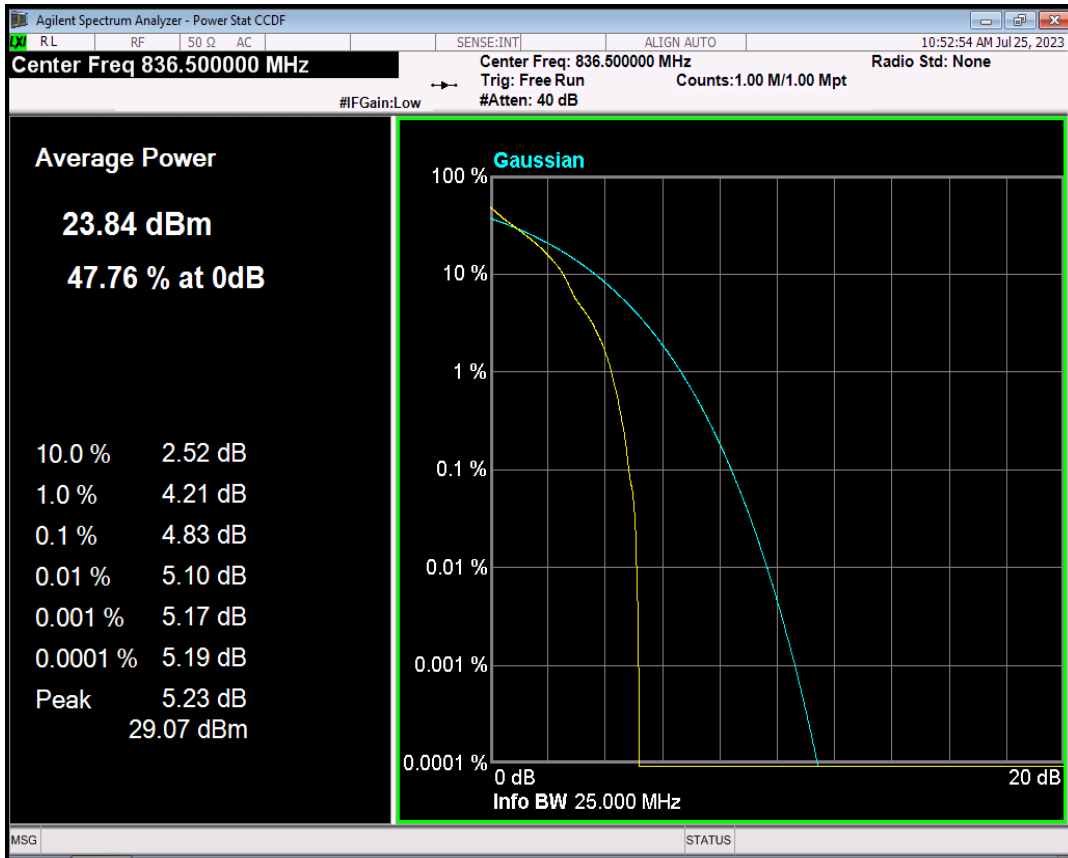




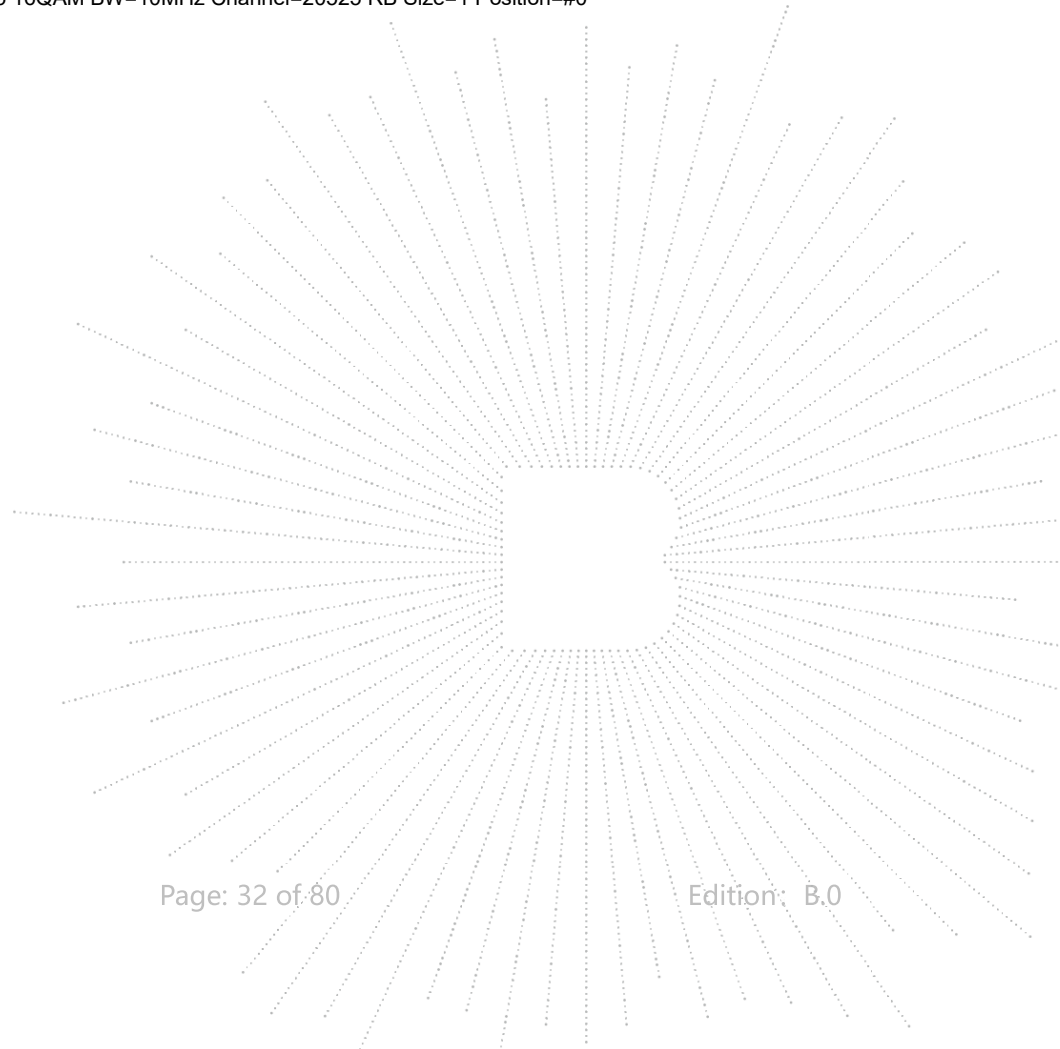
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0

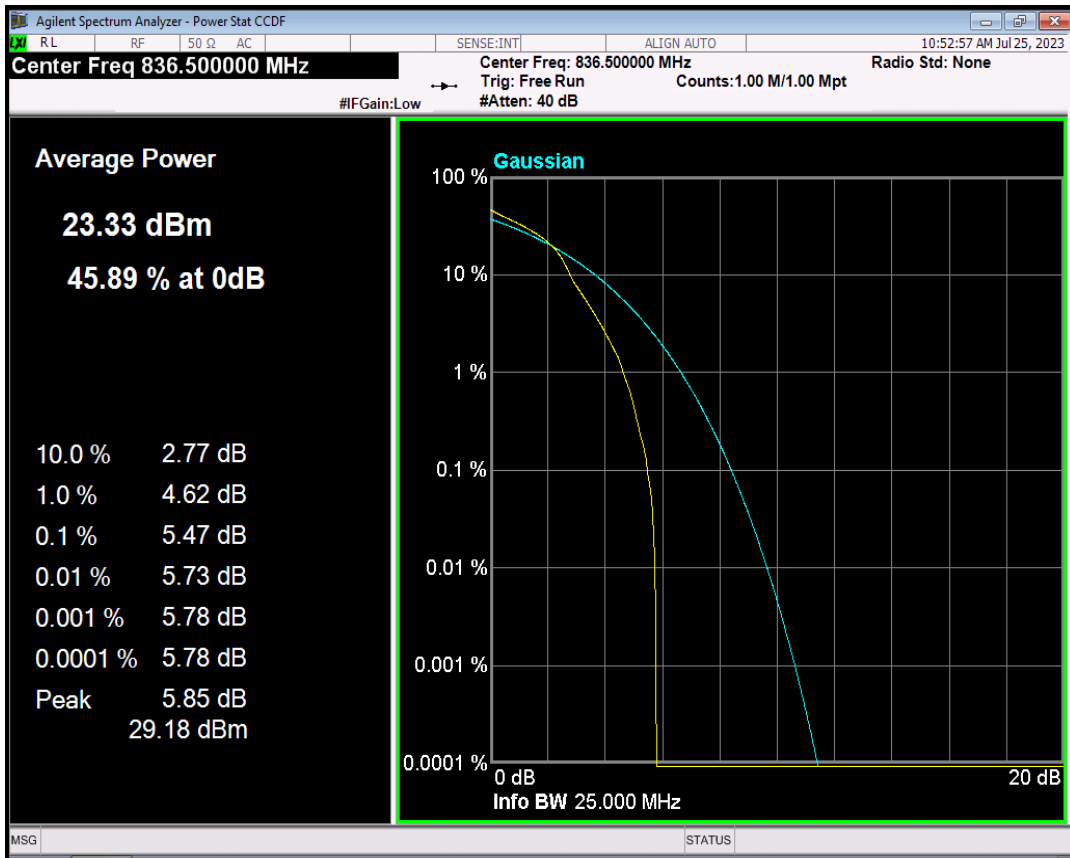


Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0

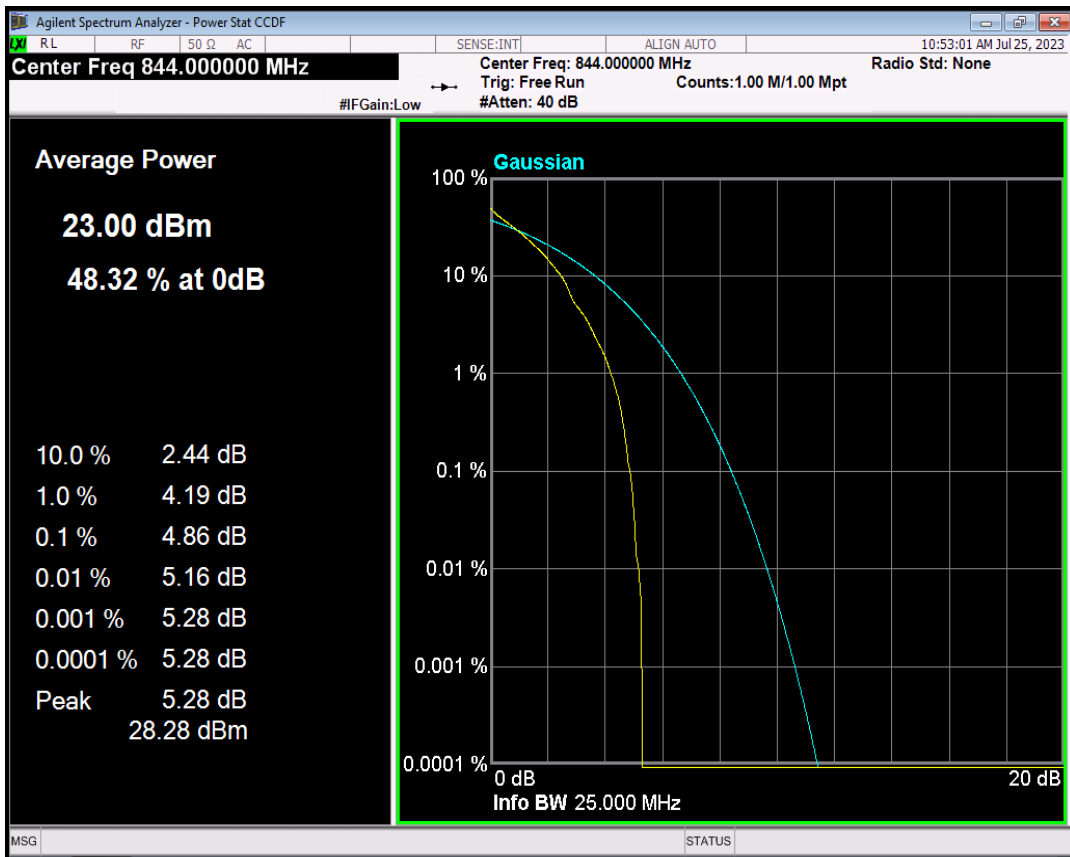


Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



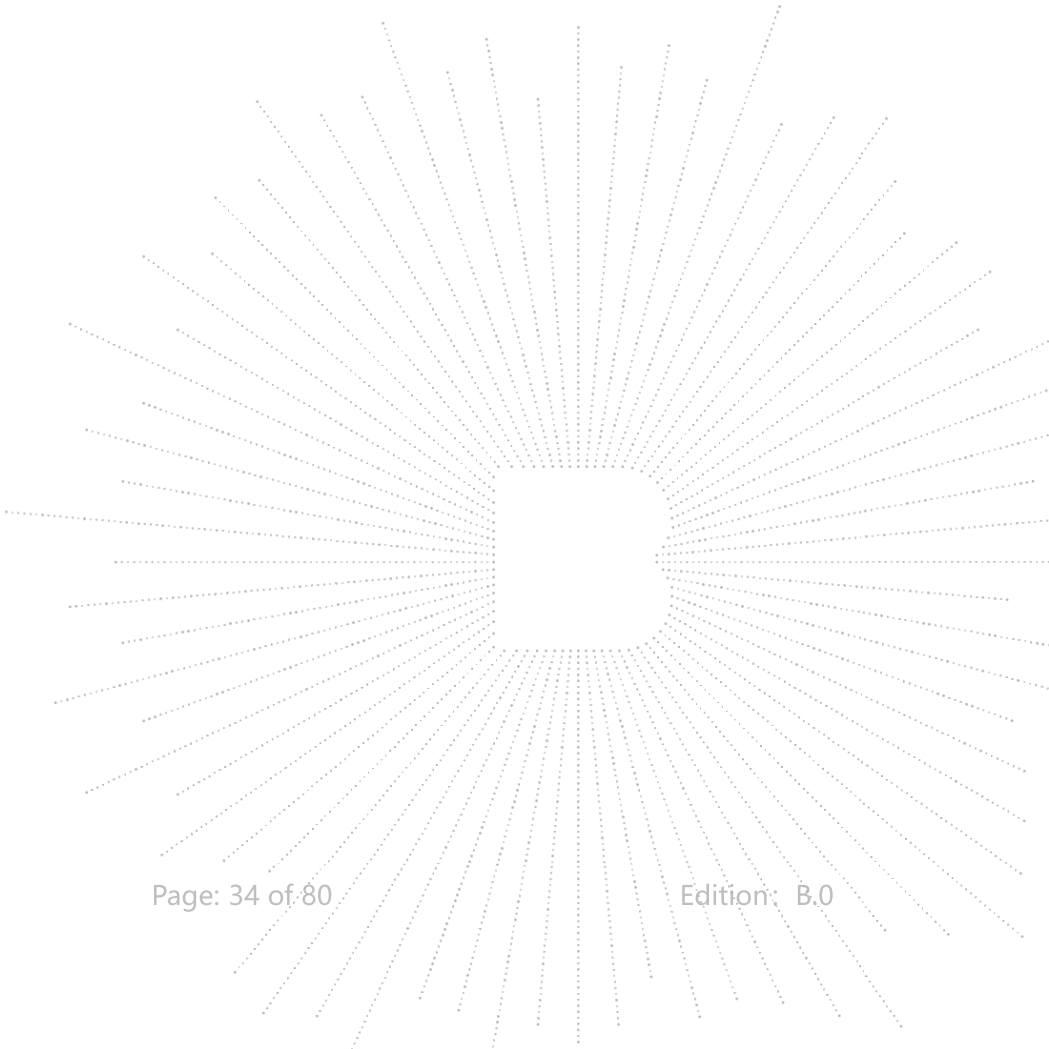
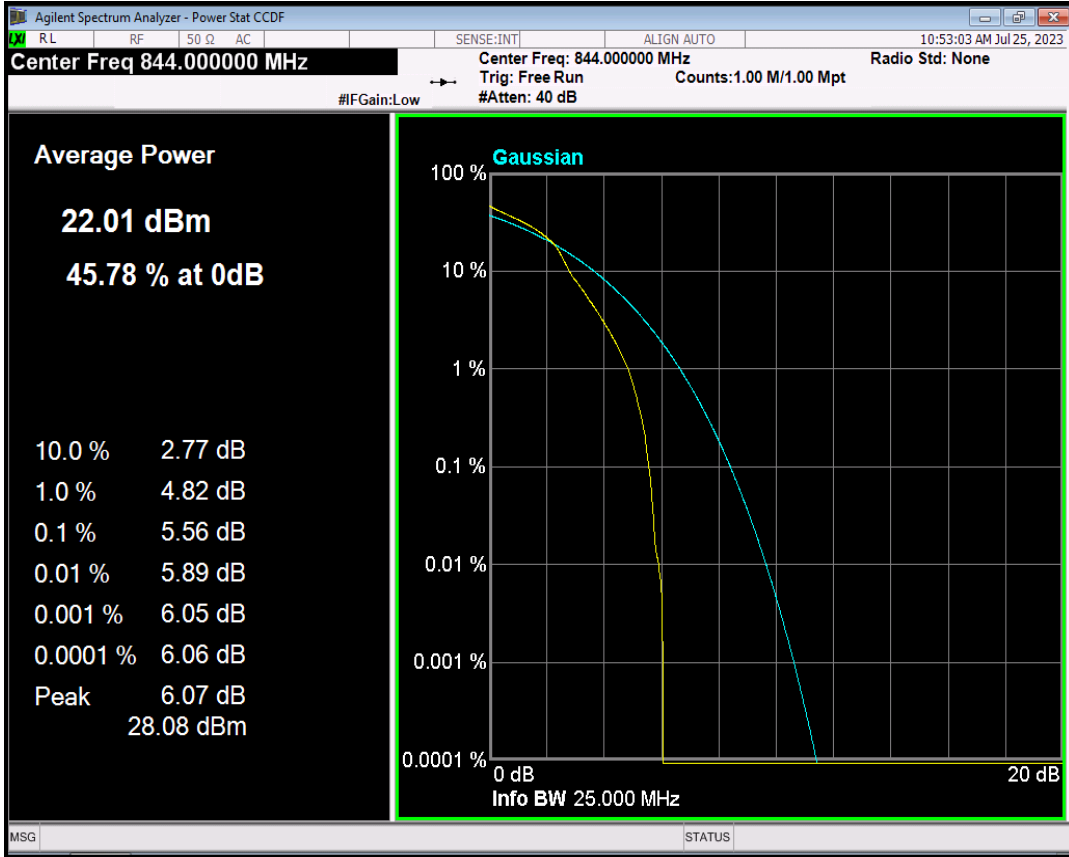


Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0





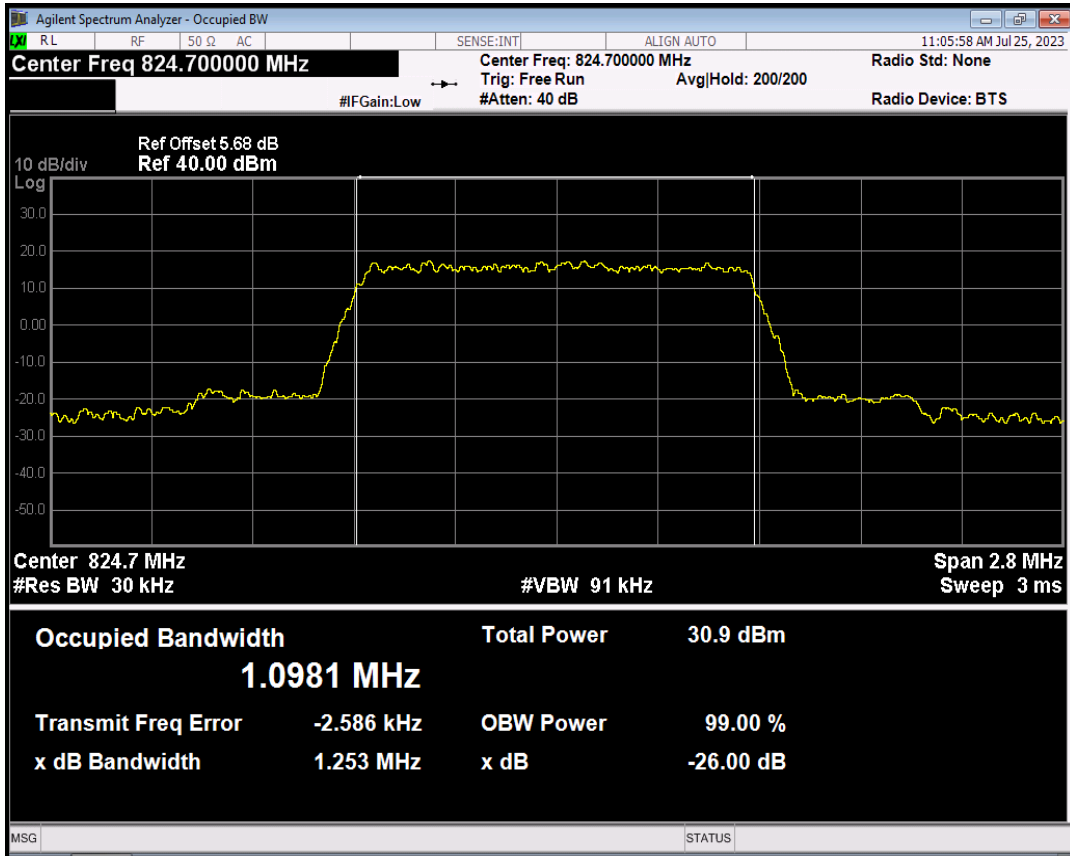
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



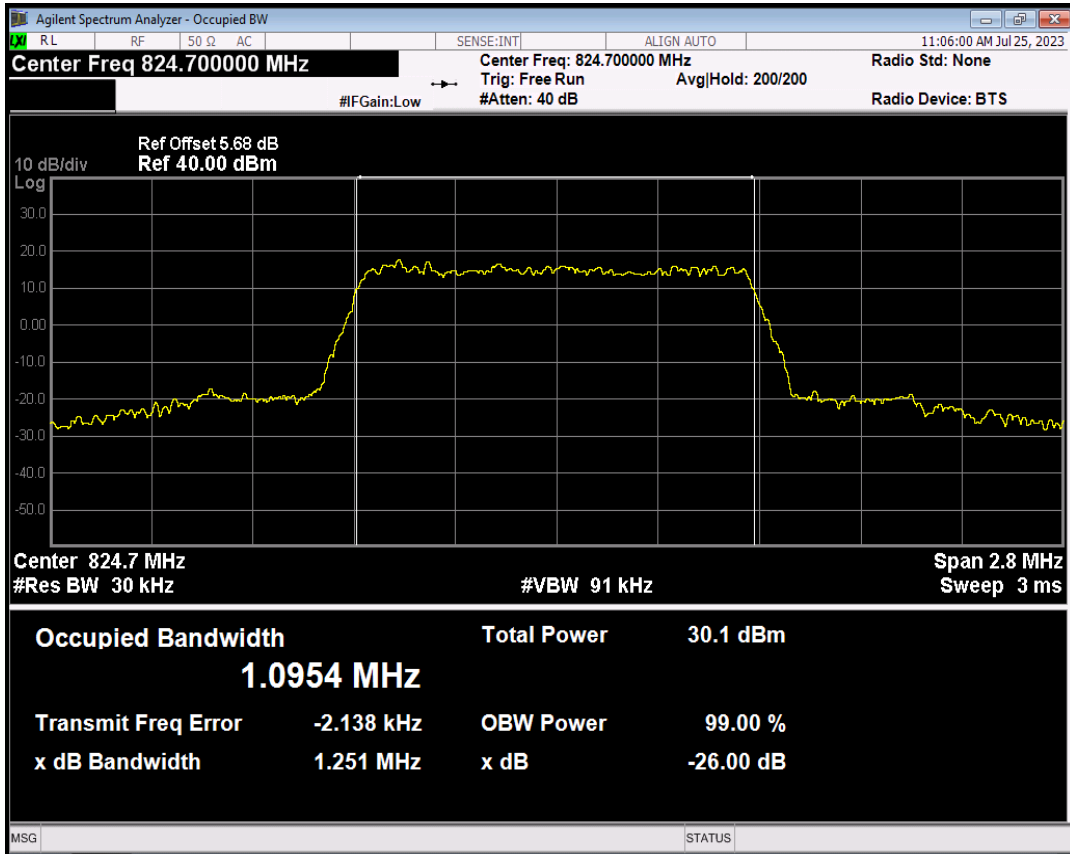
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.098	1.253	PASS
Band5	1.4	20407	6	#0	16QAM	1.095	1.251	PASS
Band5	1.4	20525	6	#0	QPSK	1.097	1.243	PASS
Band5	1.4	20525	6	#0	16QAM	1.099	1.239	PASS
Band5	1.4	20643	6	#0	QPSK	1.097	1.251	PASS
Band5	1.4	20643	6	#0	16QAM	1.101	1.251	PASS
Band5	3	20415	15	#0	QPSK	2.720	3.060	PASS
Band5	3	20415	15	#0	16QAM	2.707	3.022	PASS
Band5	3	20525	15	#0	QPSK	2.726	3.036	PASS
Band5	3	20525	15	#0	16QAM	2.700	3.066	PASS
Band5	3	20635	15	#0	QPSK	2.718	3.044	PASS
Band5	3	20635	15	#0	16QAM	2.713	3.059	PASS
Band5	5	20425	25	#0	QPSK	4.532	4.914	PASS
Band5	5	20425	25	#0	16QAM	4.510	4.974	PASS
Band5	5	20525	25	#0	QPSK	4.517	4.957	PASS
Band5	5	20525	25	#0	16QAM	4.512	4.970	PASS
Band5	5	20625	25	#0	QPSK	4.520	4.912	PASS
Band5	5	20625	25	#0	16QAM	4.567	4.981	PASS
Band5	10	20450	50	#0	QPSK	8.968	9.811	PASS
Band5	10	20450	50	#0	16QAM	8.987	9.865	PASS
Band5	10	20525	50	#0	QPSK	9.001	9.791	PASS
Band5	10	20525	50	#0	16QAM	9.013	9.861	PASS
Band5	10	20600	50	#0	QPSK	9.001	9.890	PASS
Band5	10	20600	50	#0	16QAM	8.993	9.791	PASS

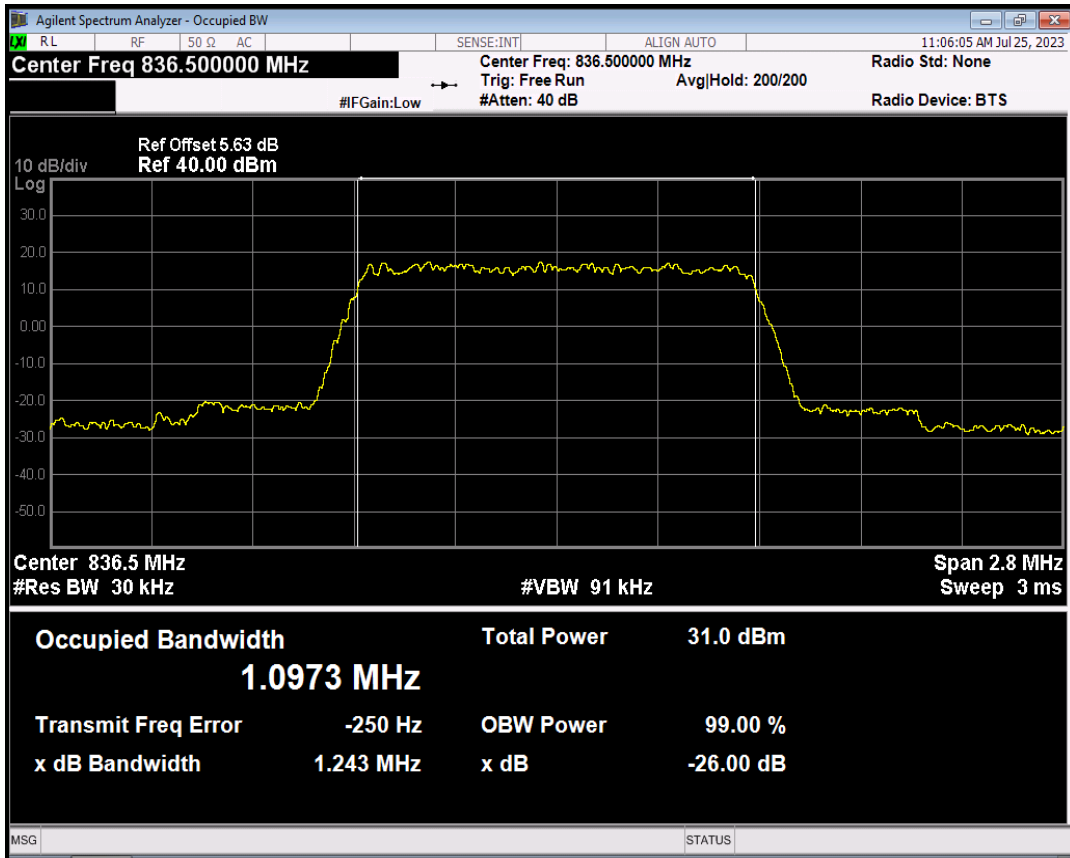
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



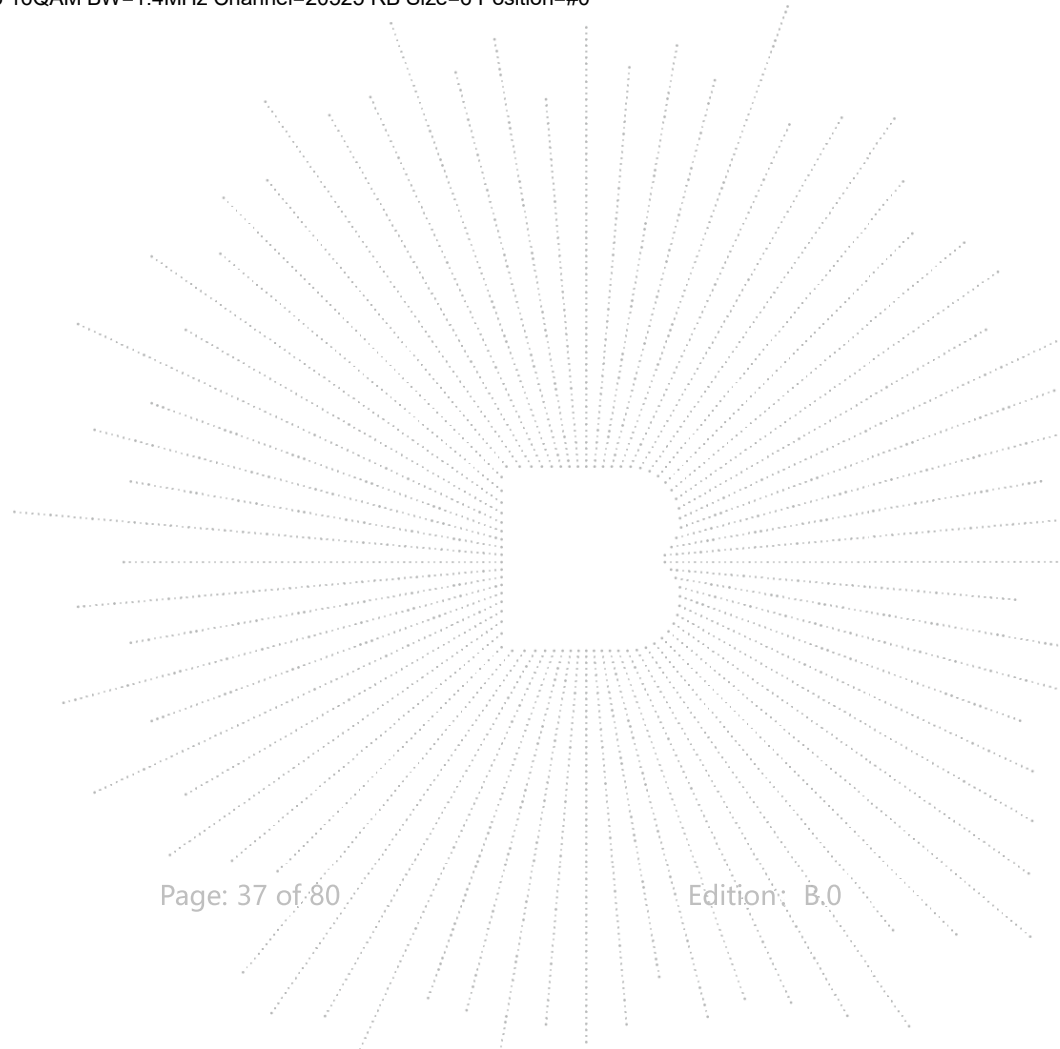
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0

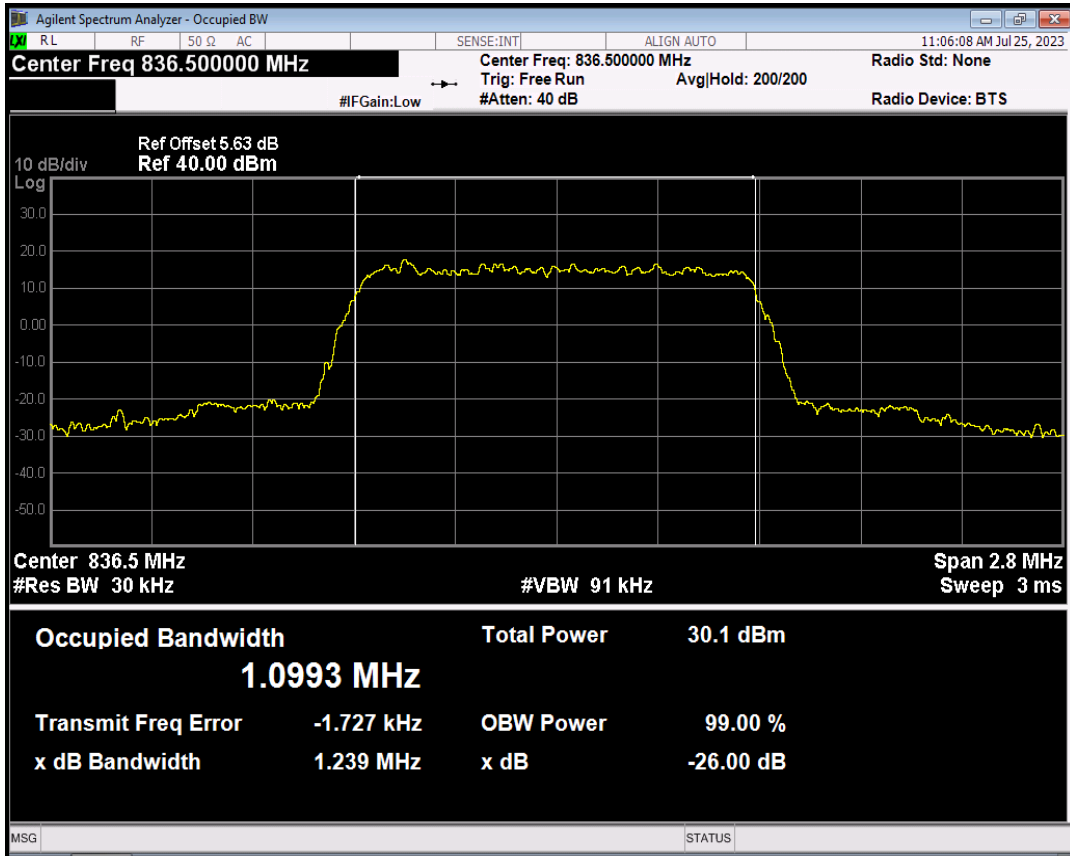


Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0

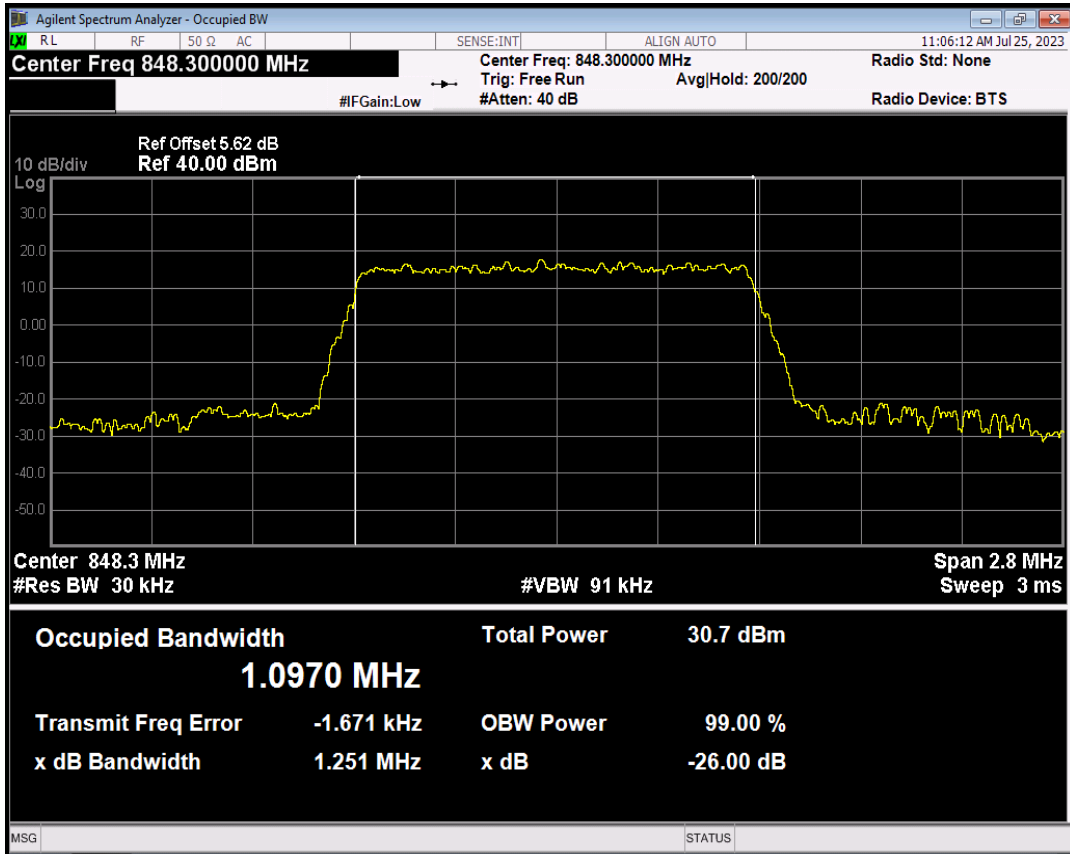


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0

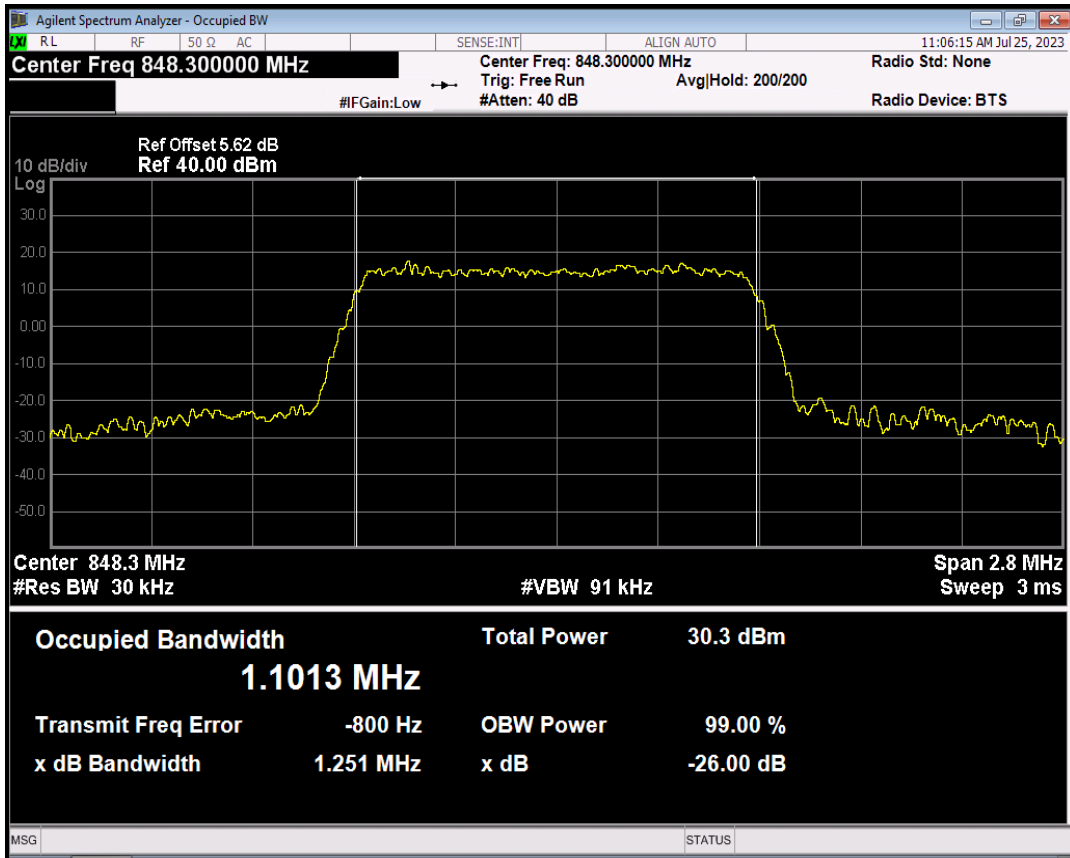




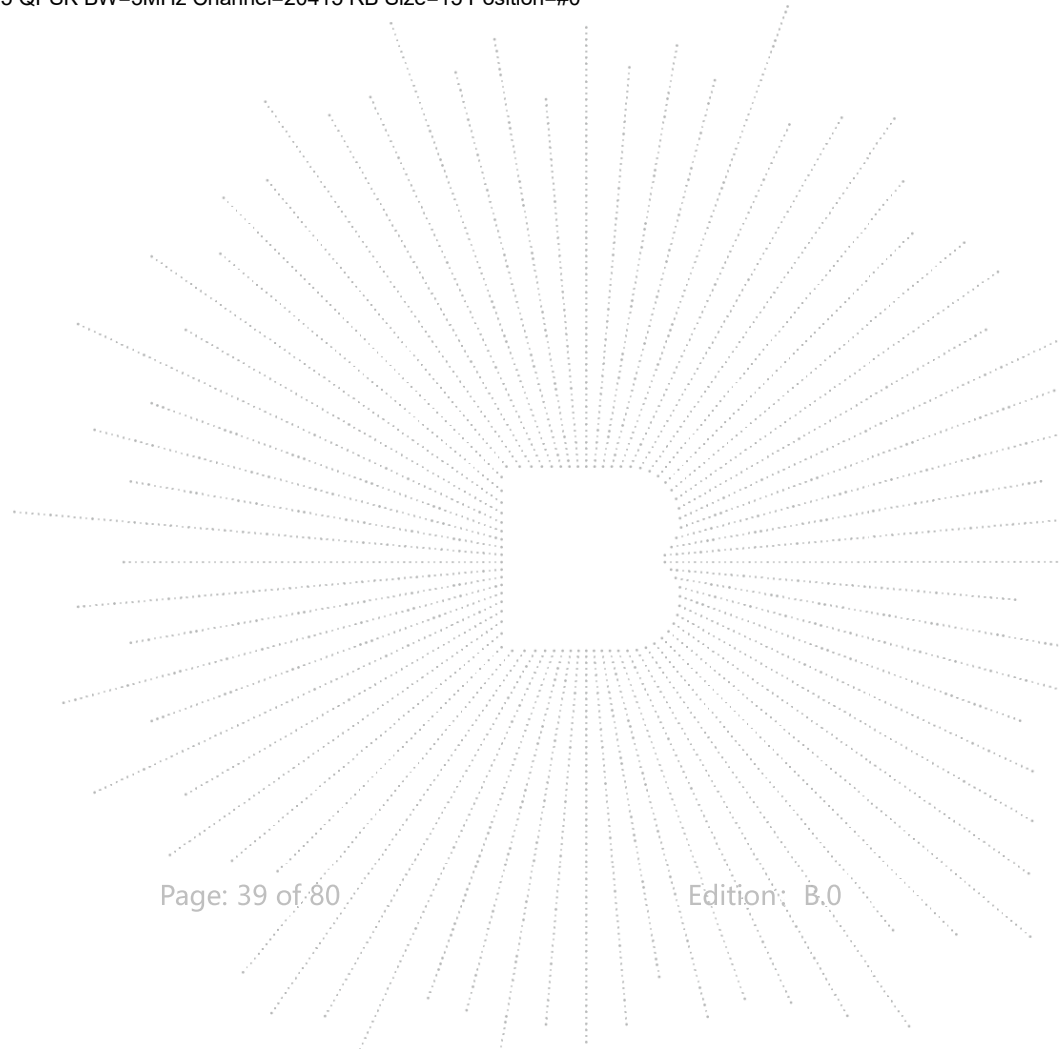
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0

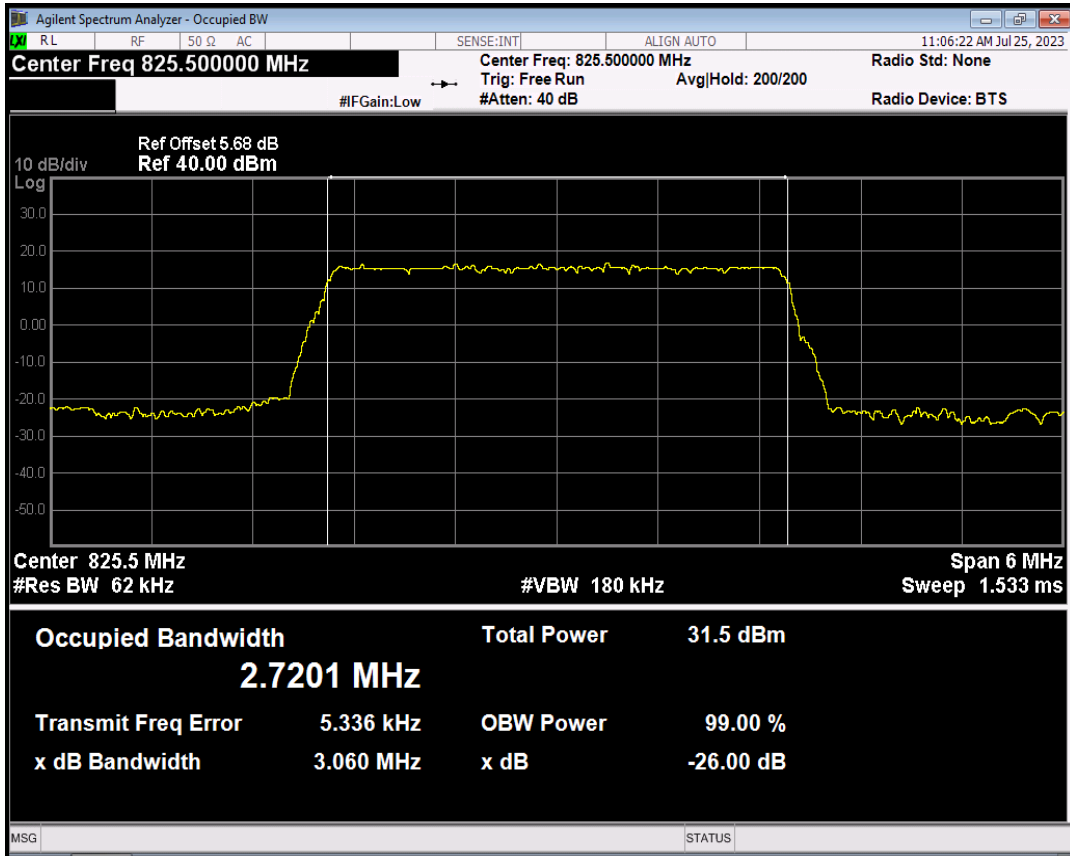


Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0

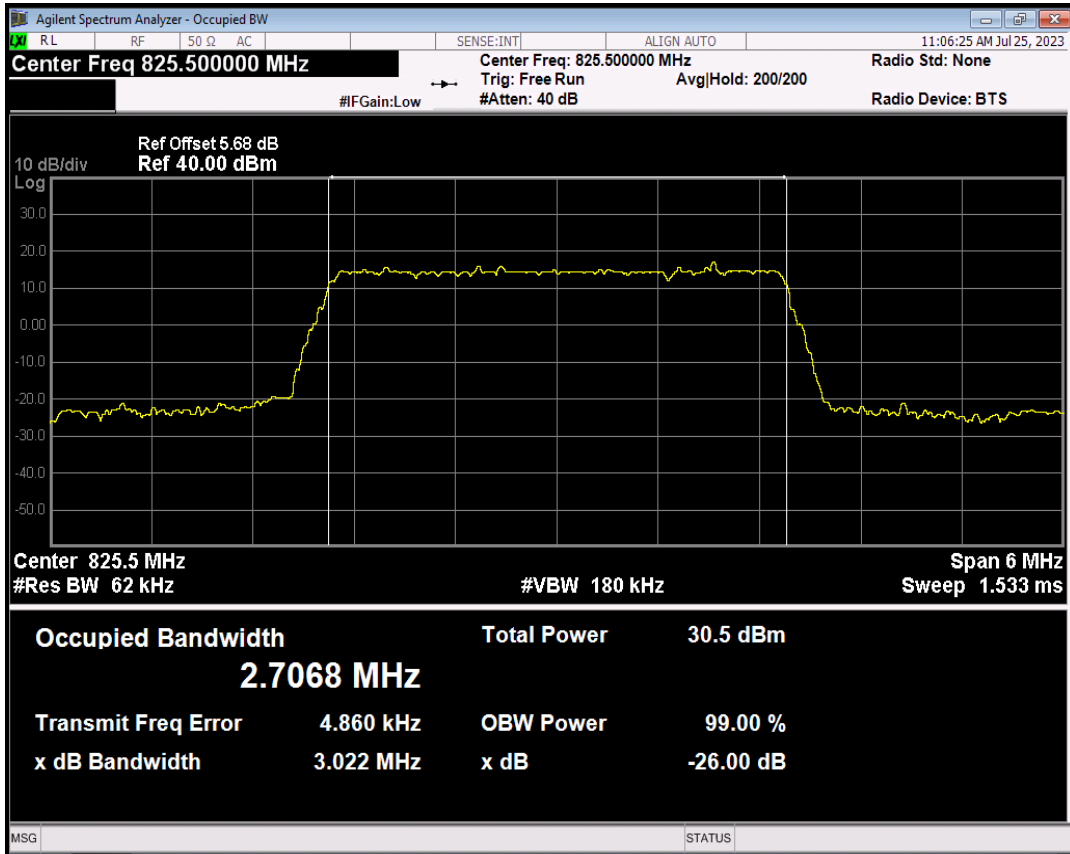


Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0

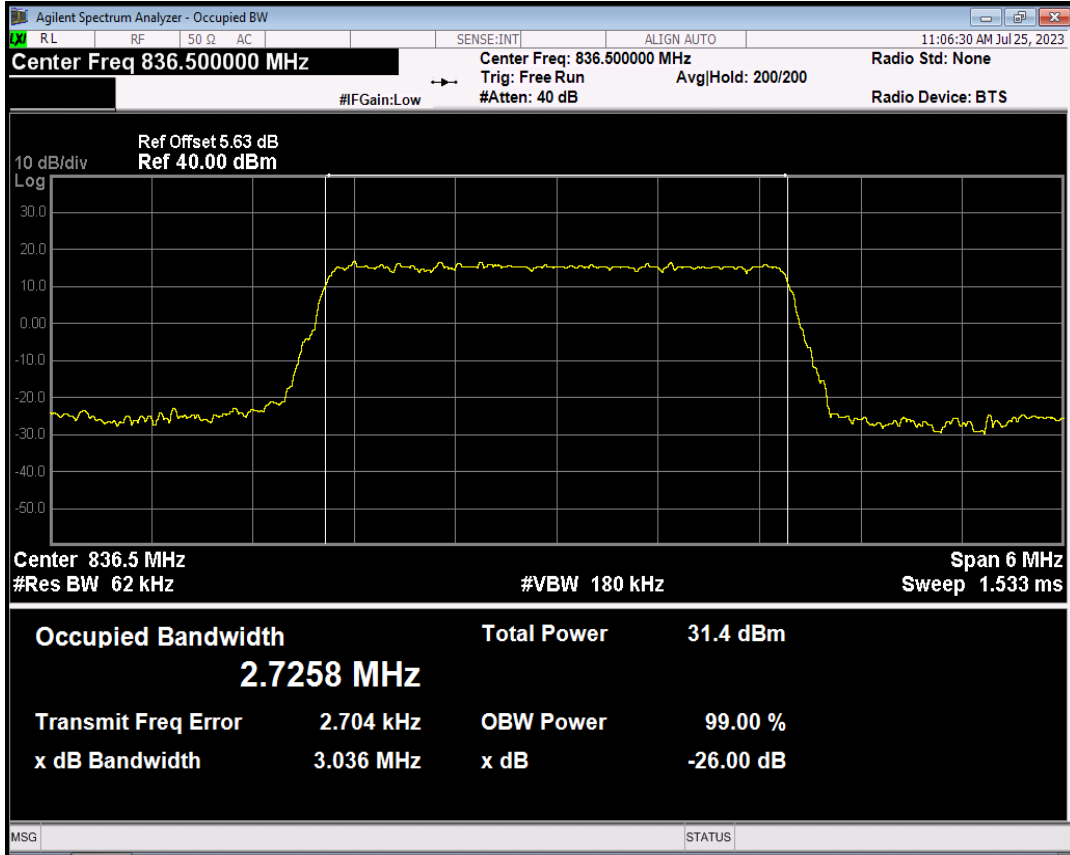




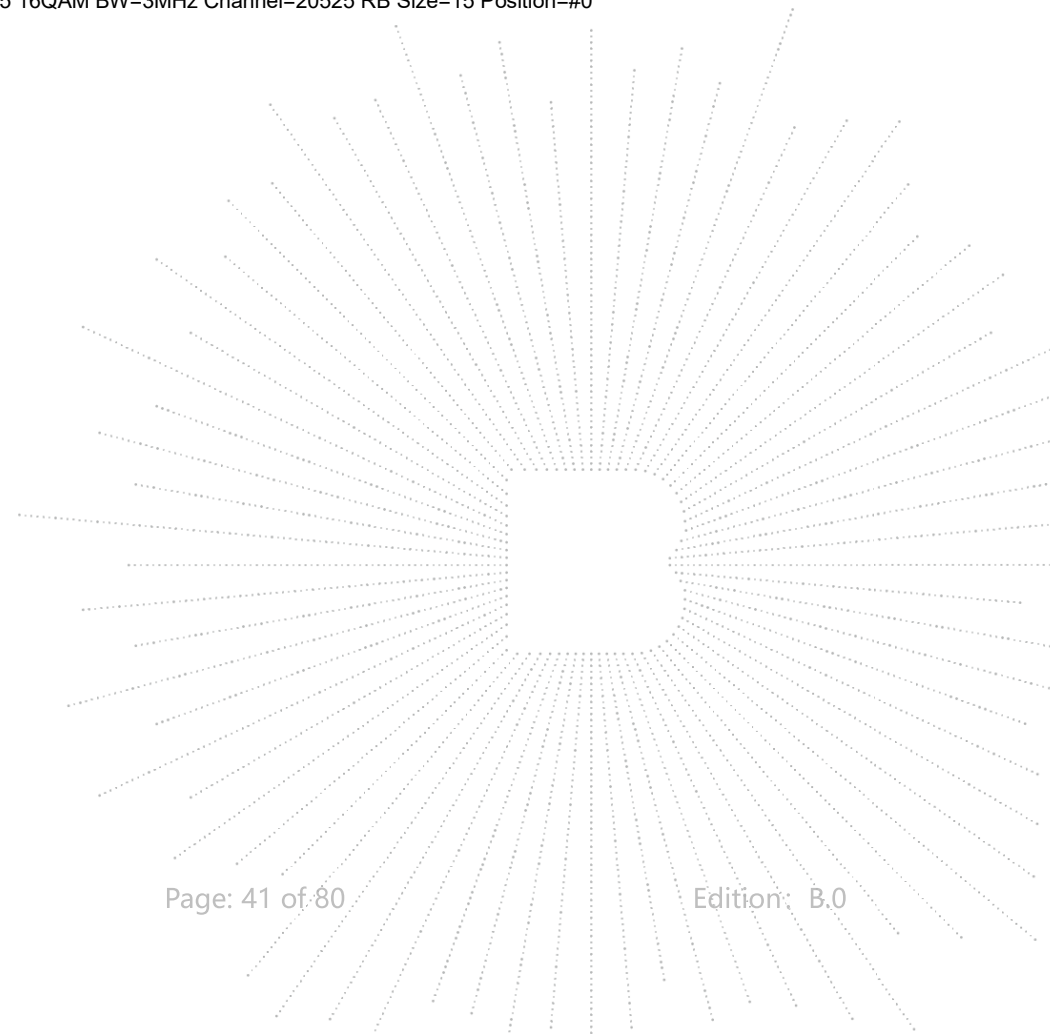
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0

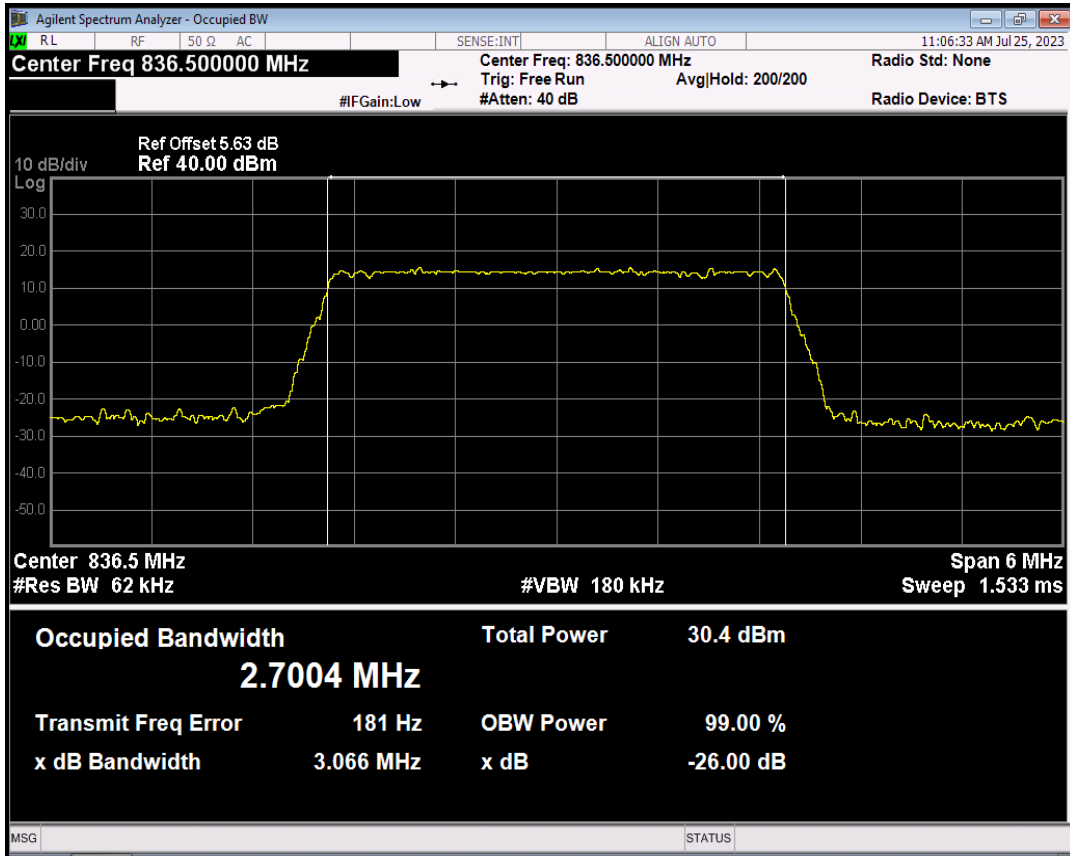


Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0

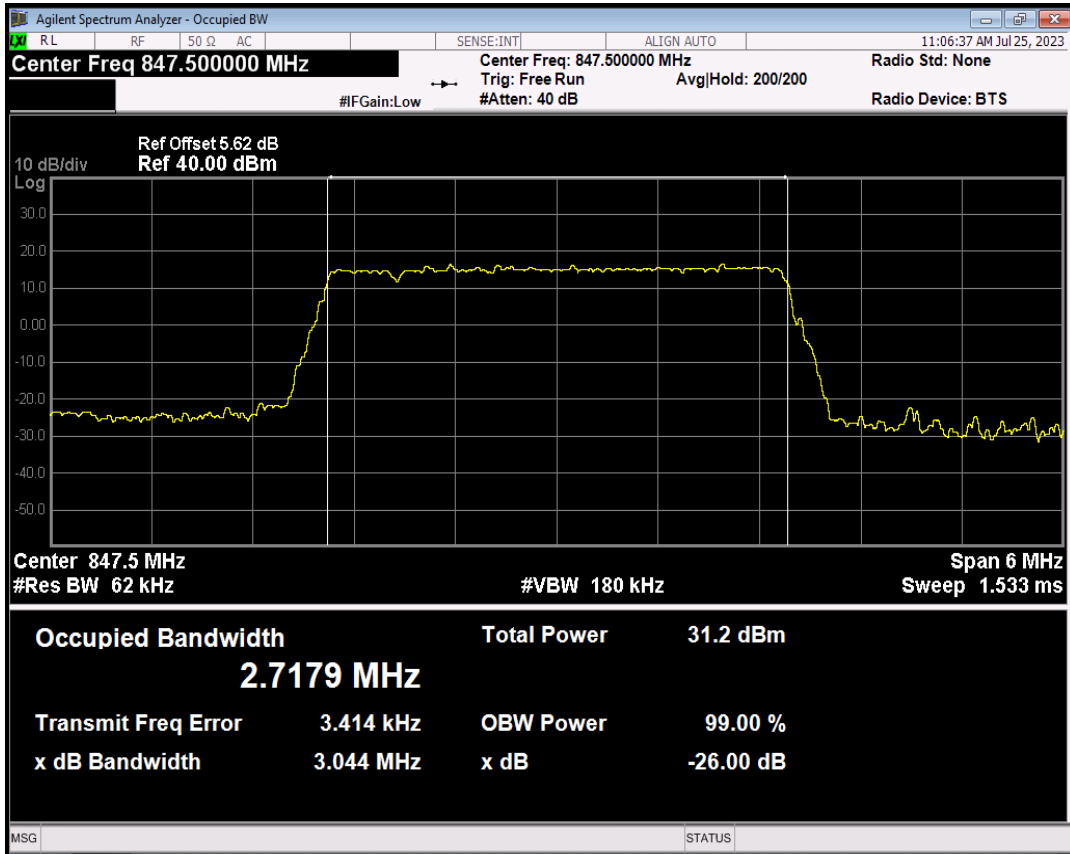


Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0

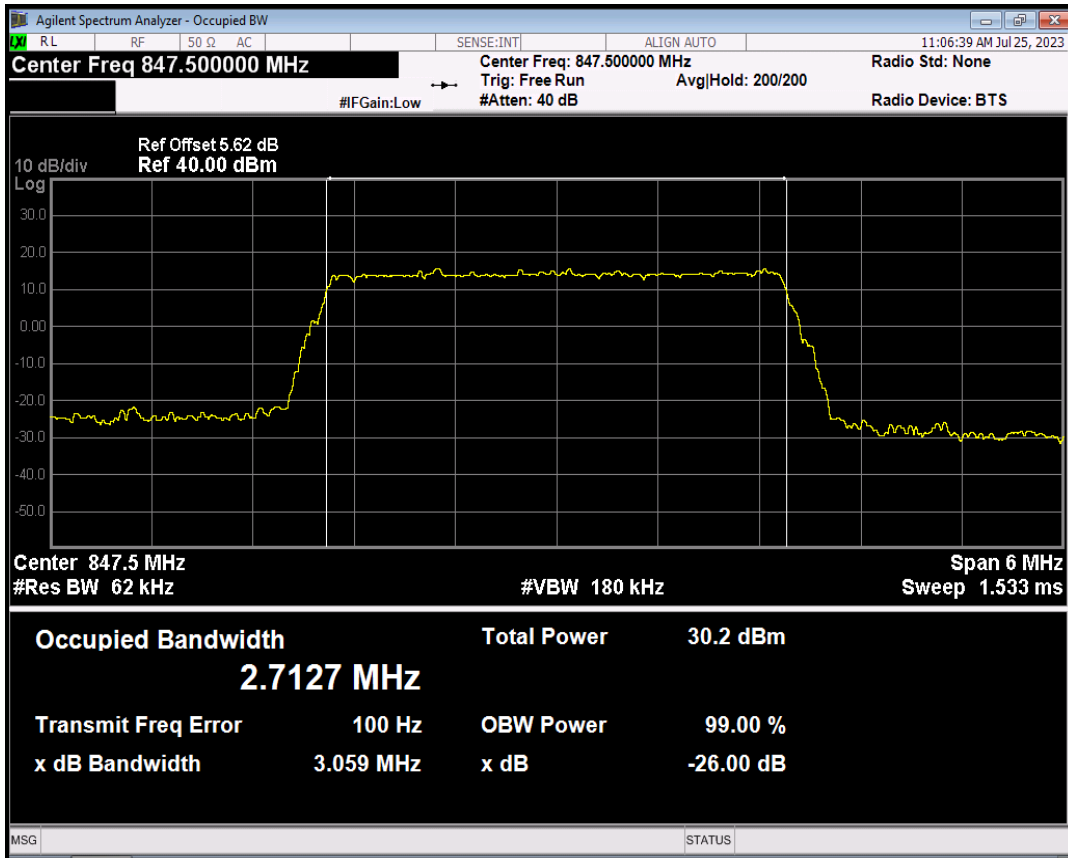




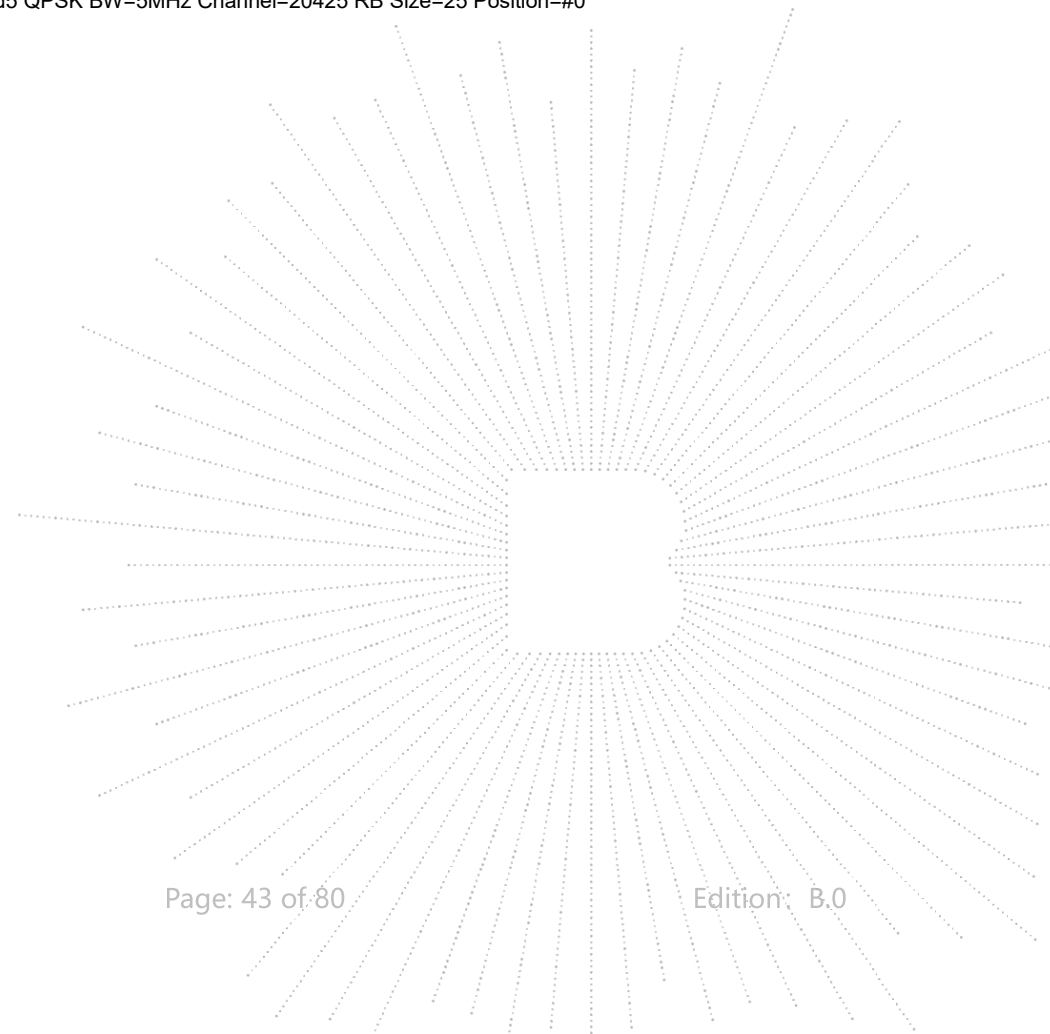
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

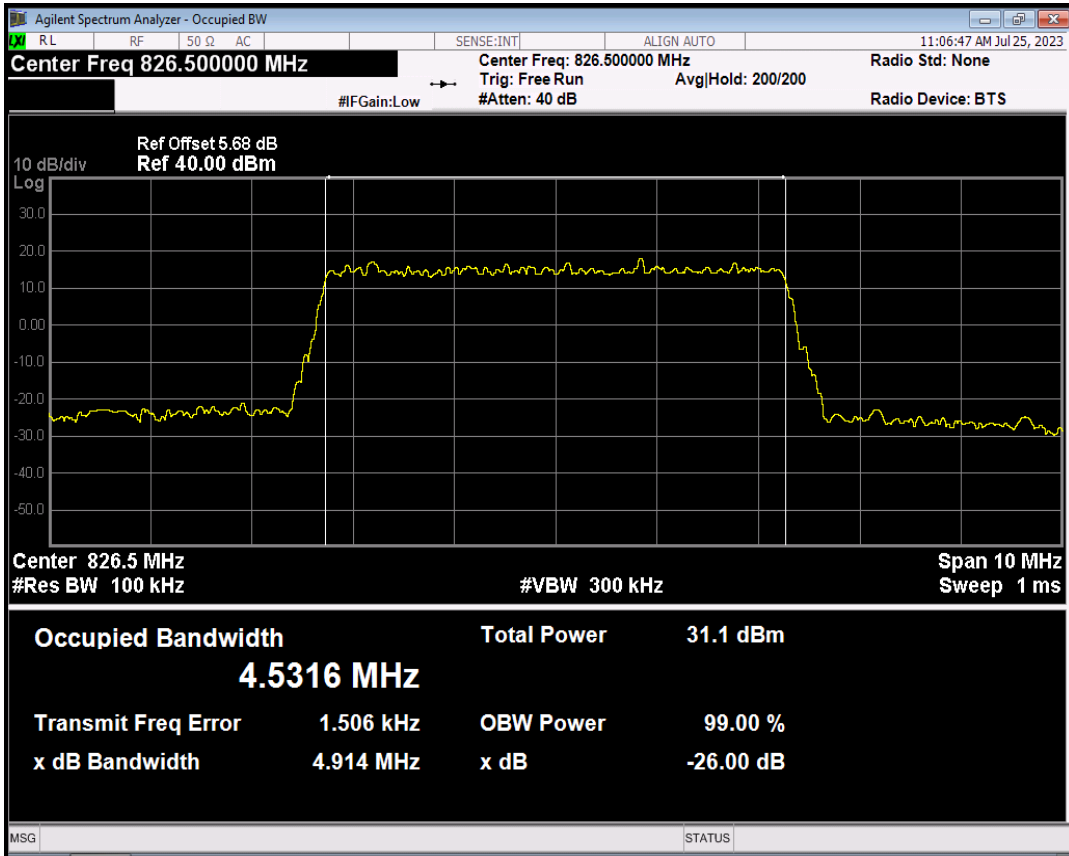


Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0

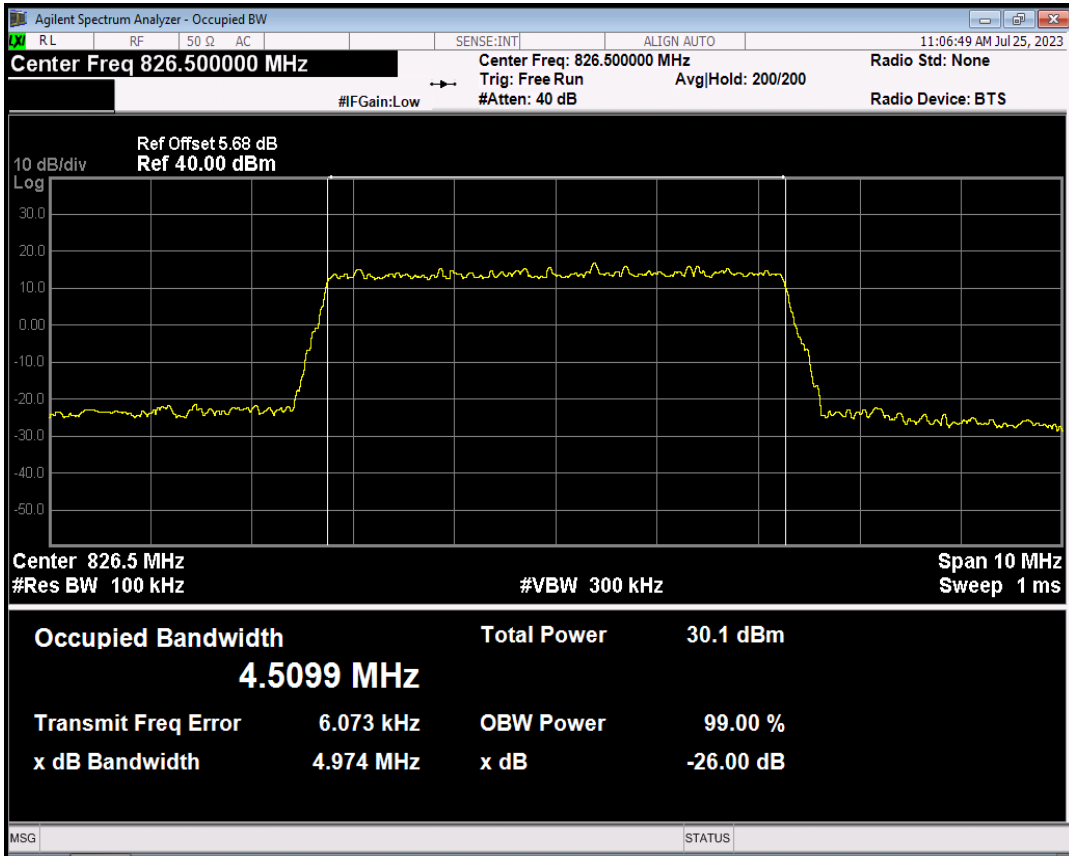


Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0

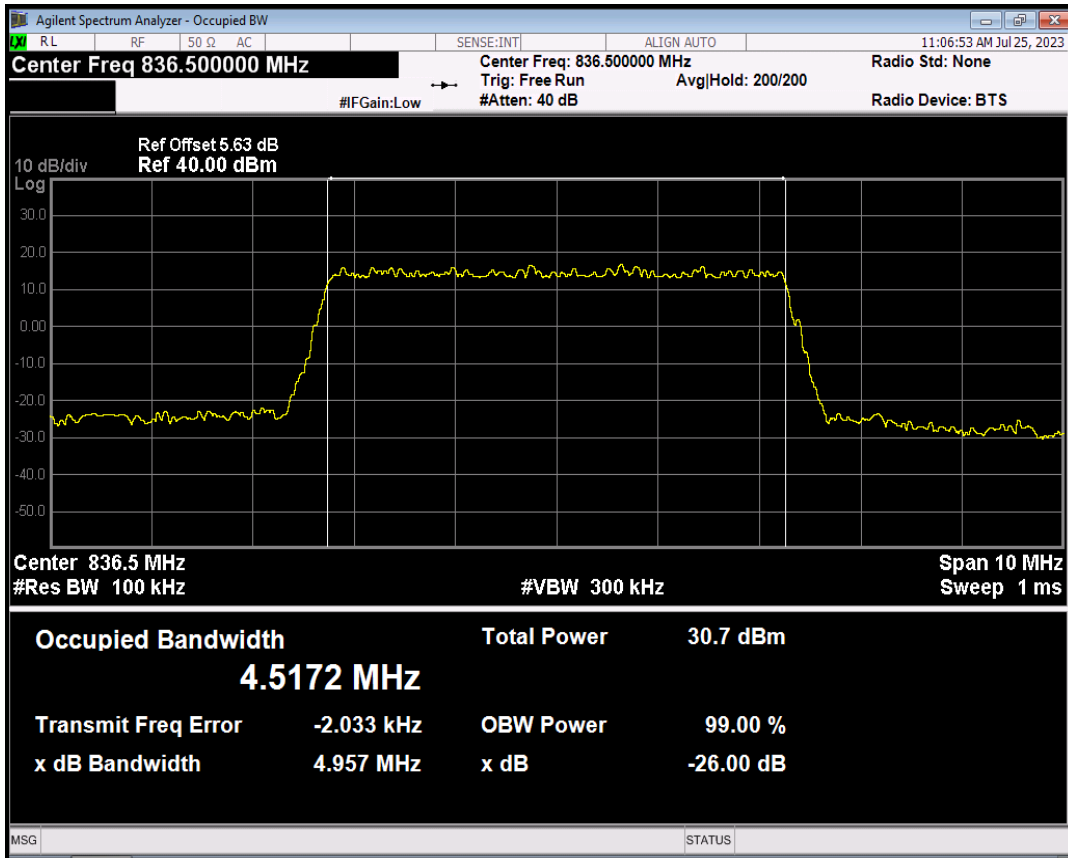




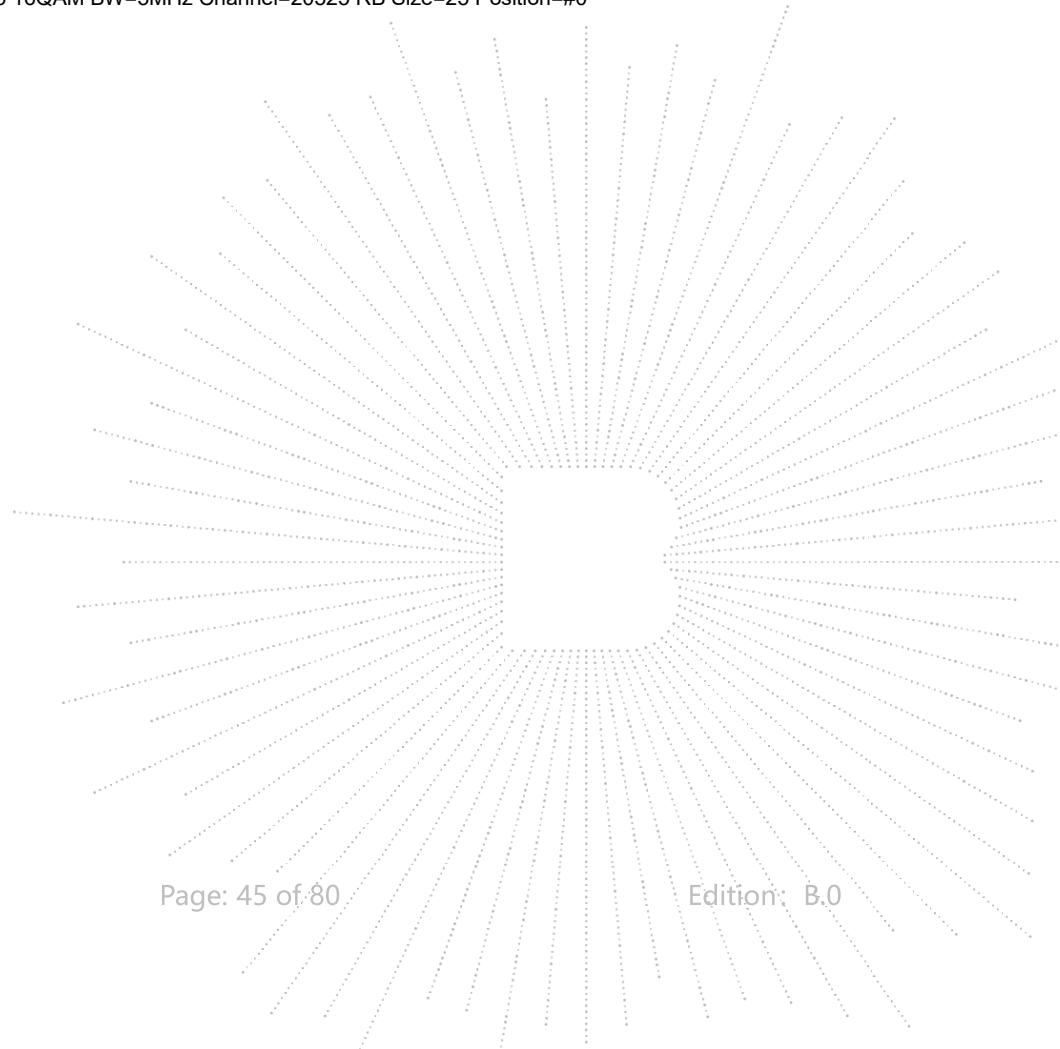
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0

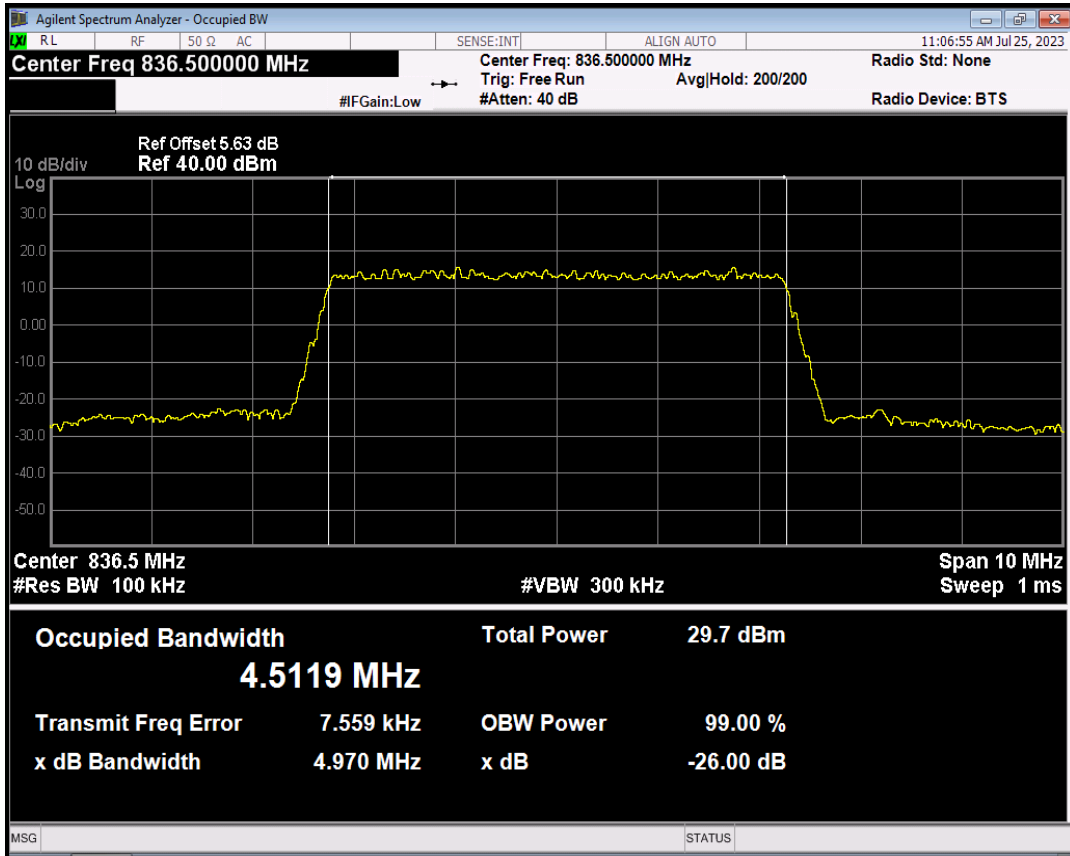


Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0

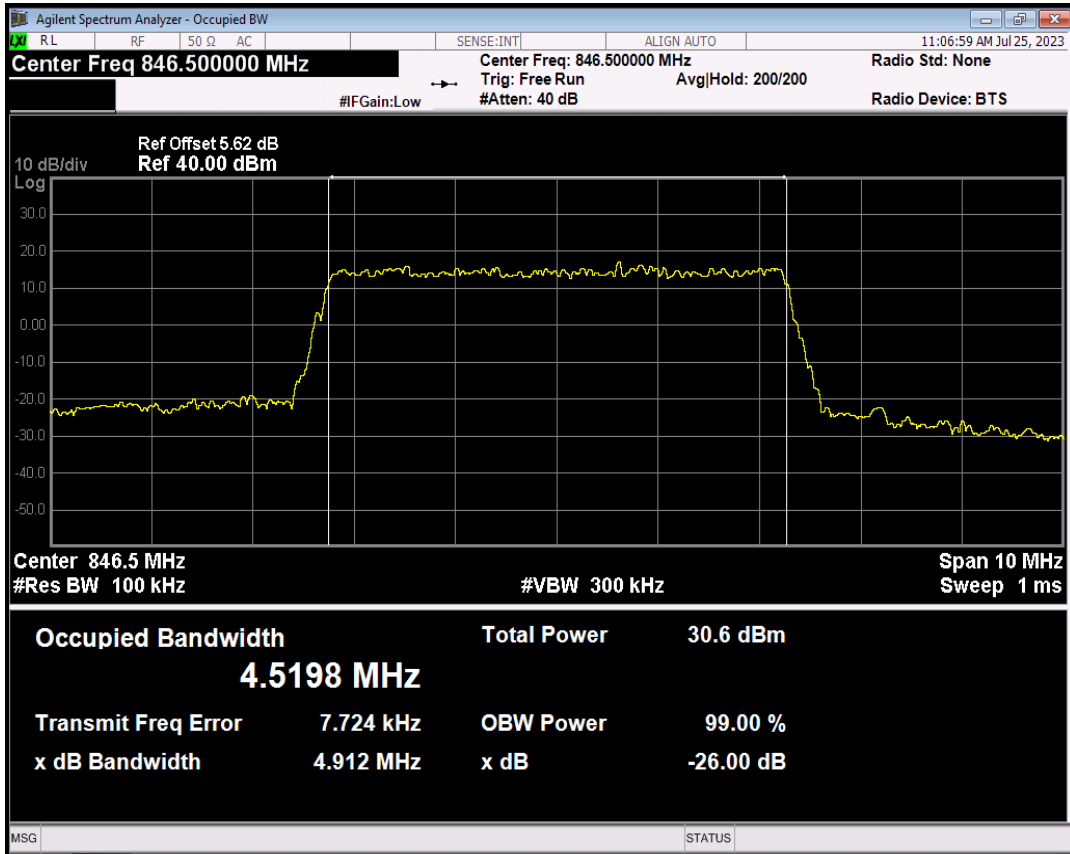


Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



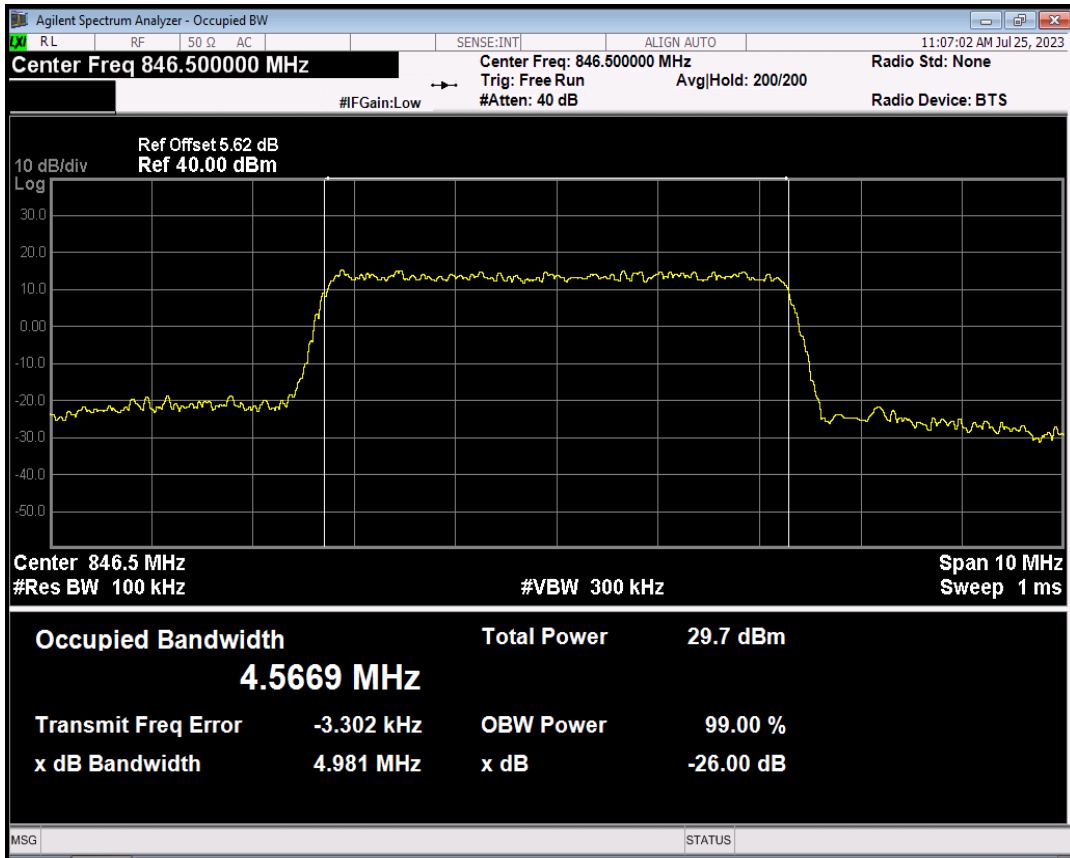


Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

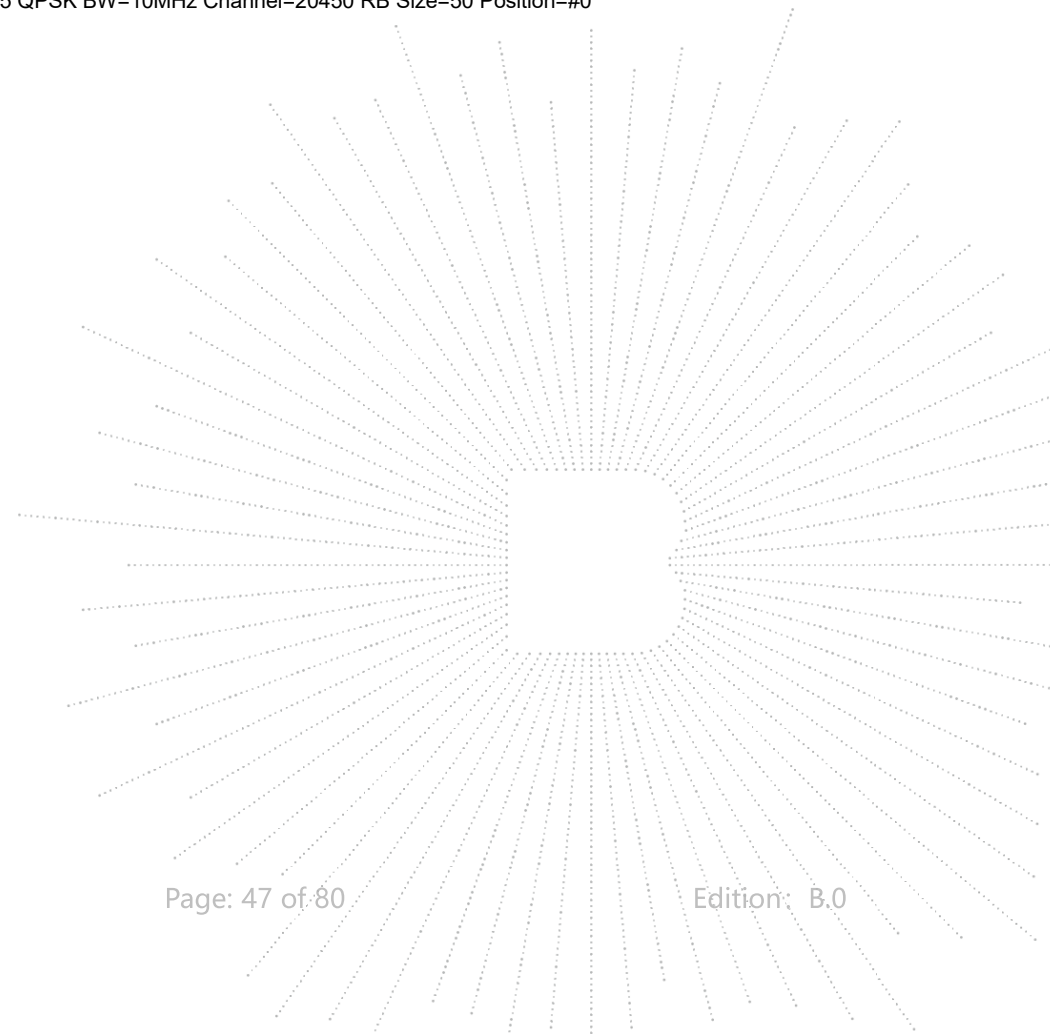


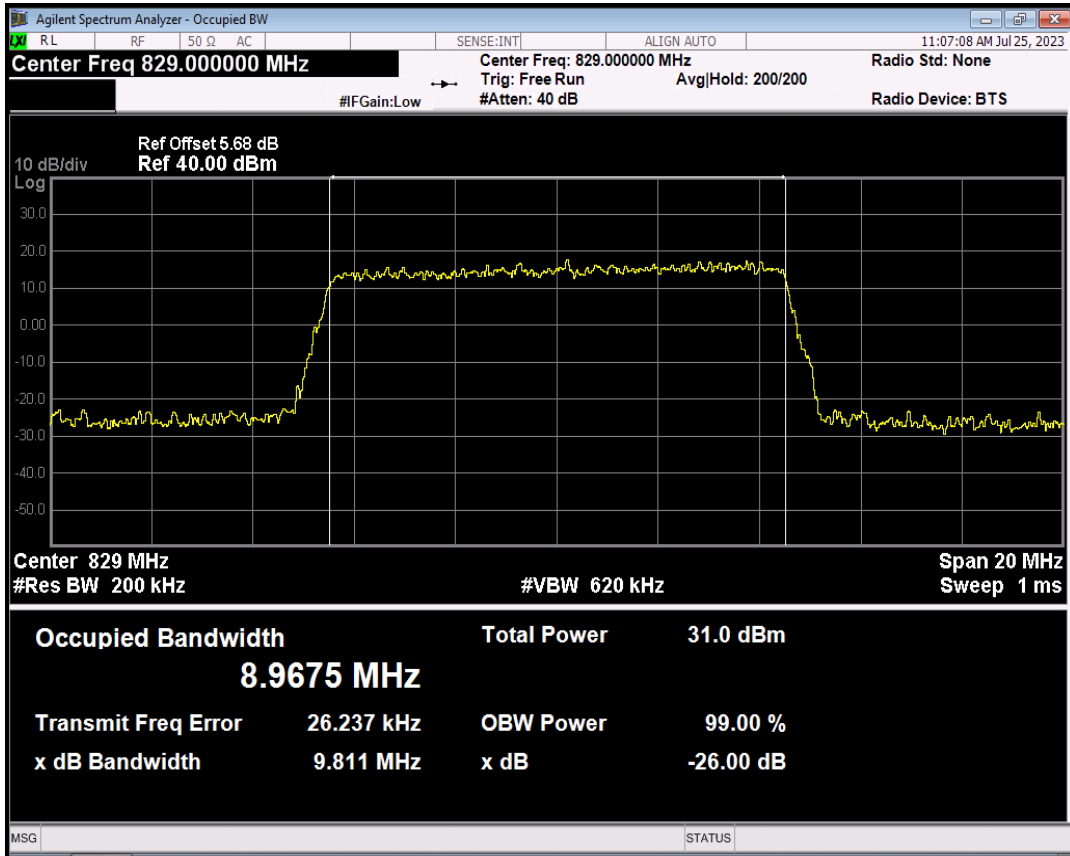


Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0

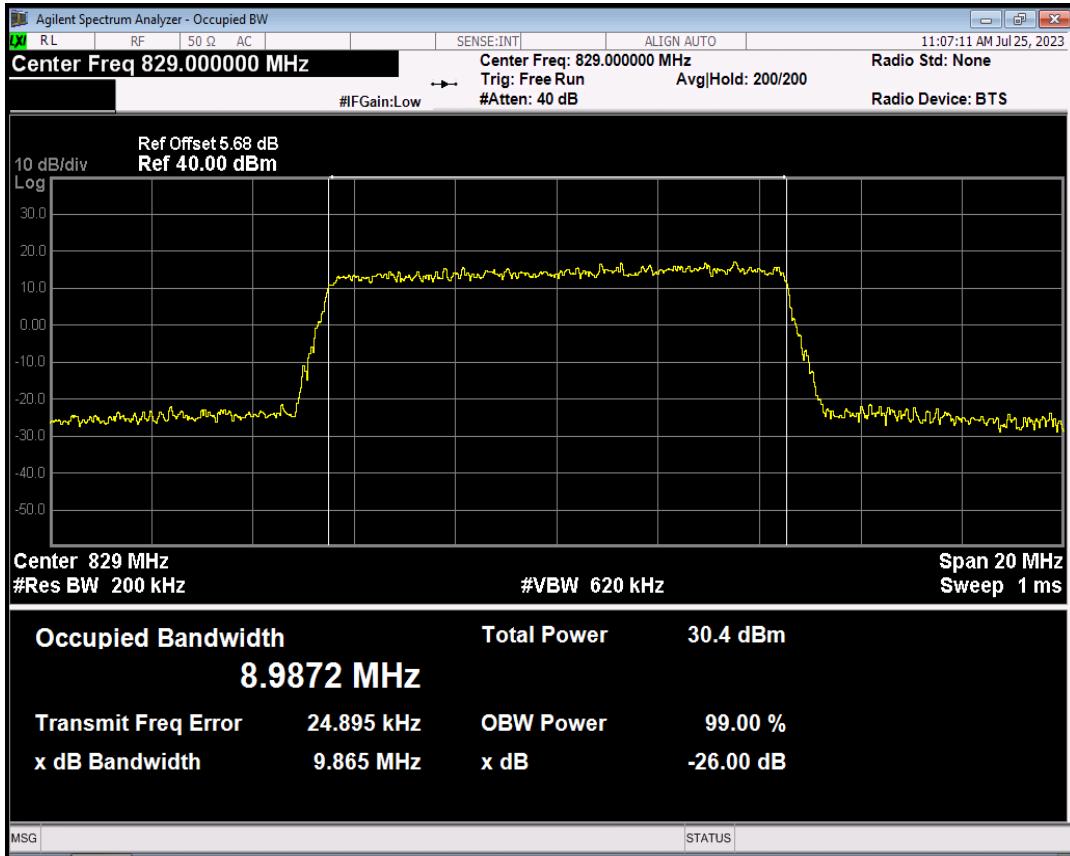


Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



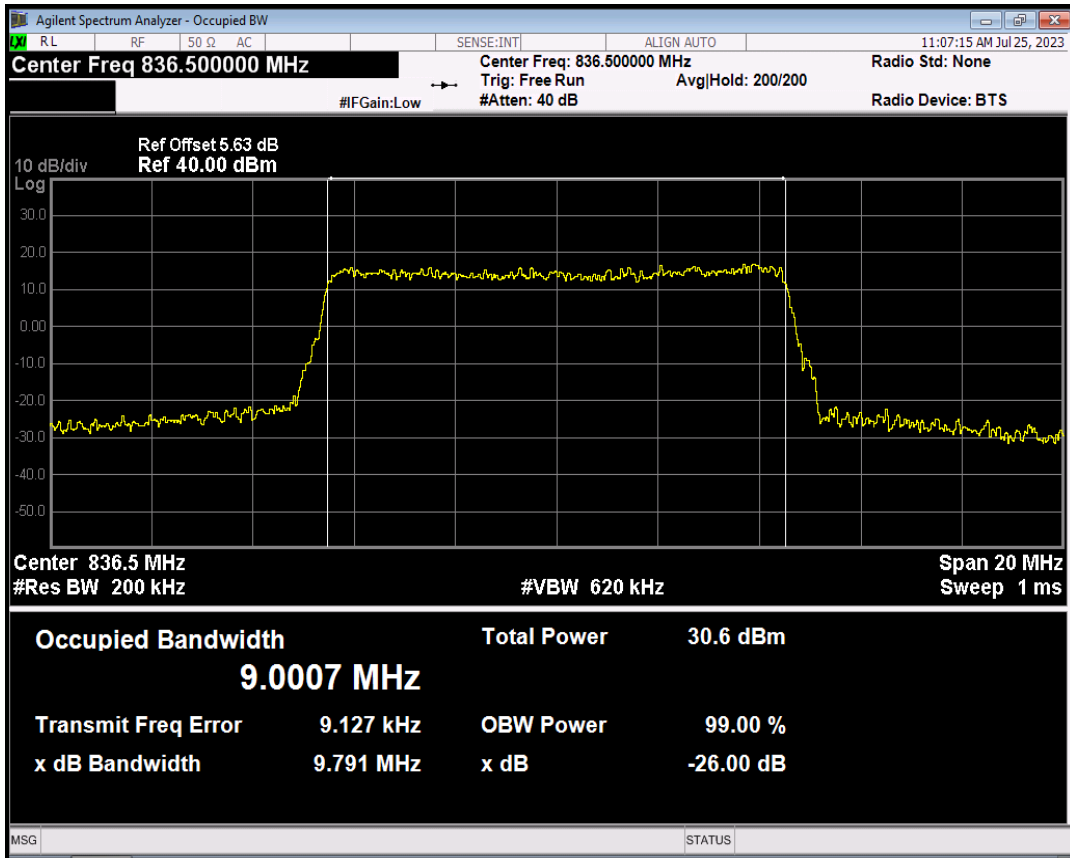


Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0

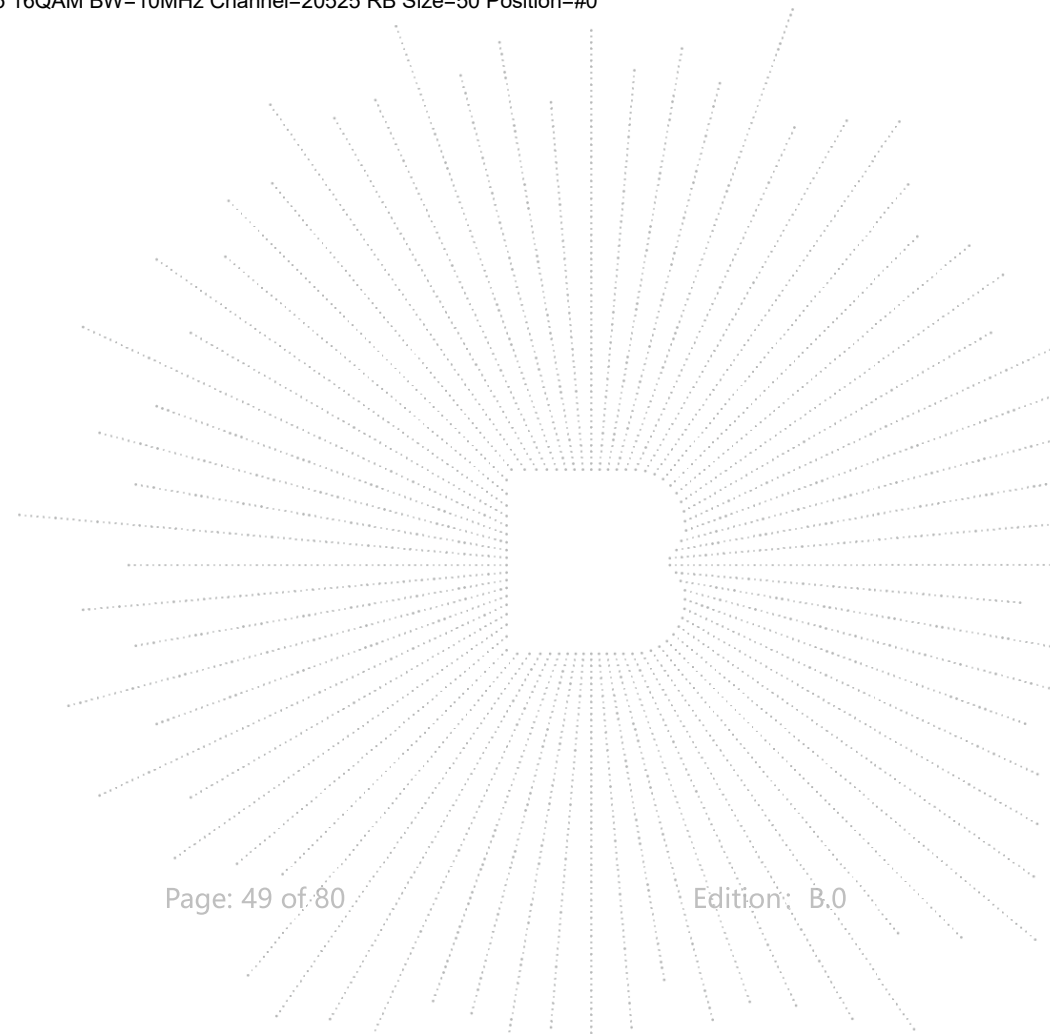


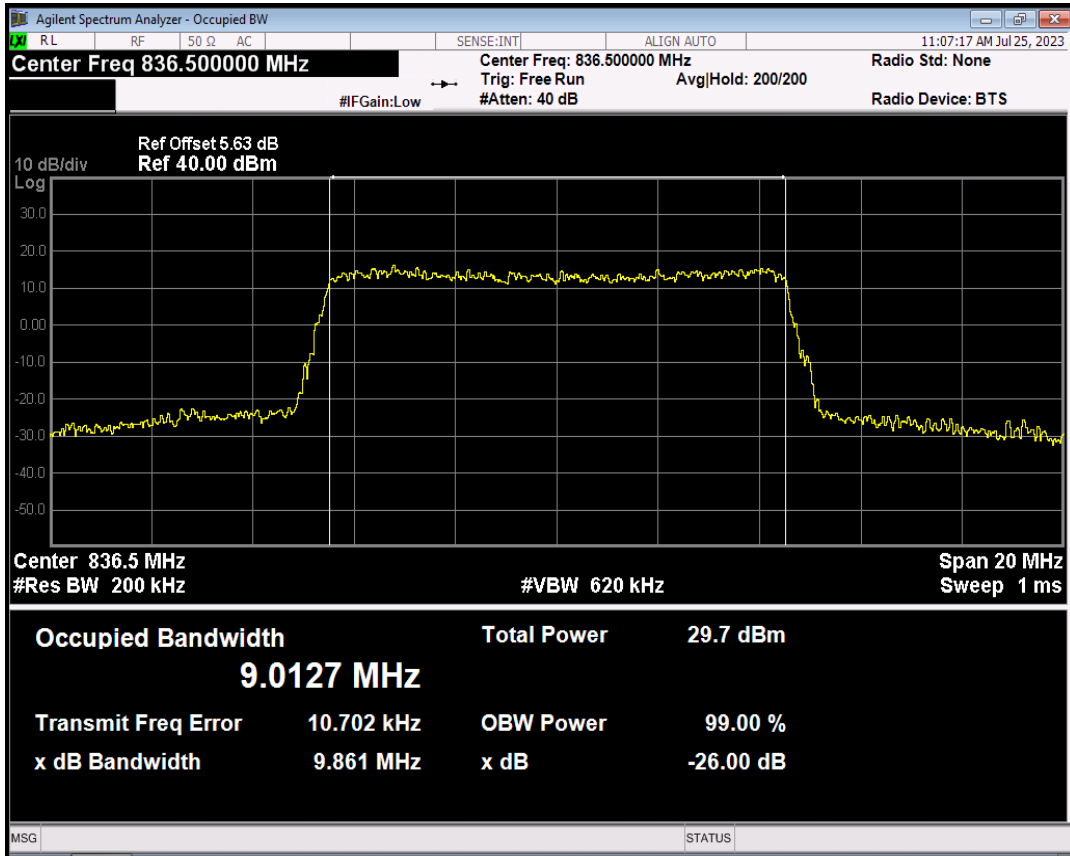


Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0

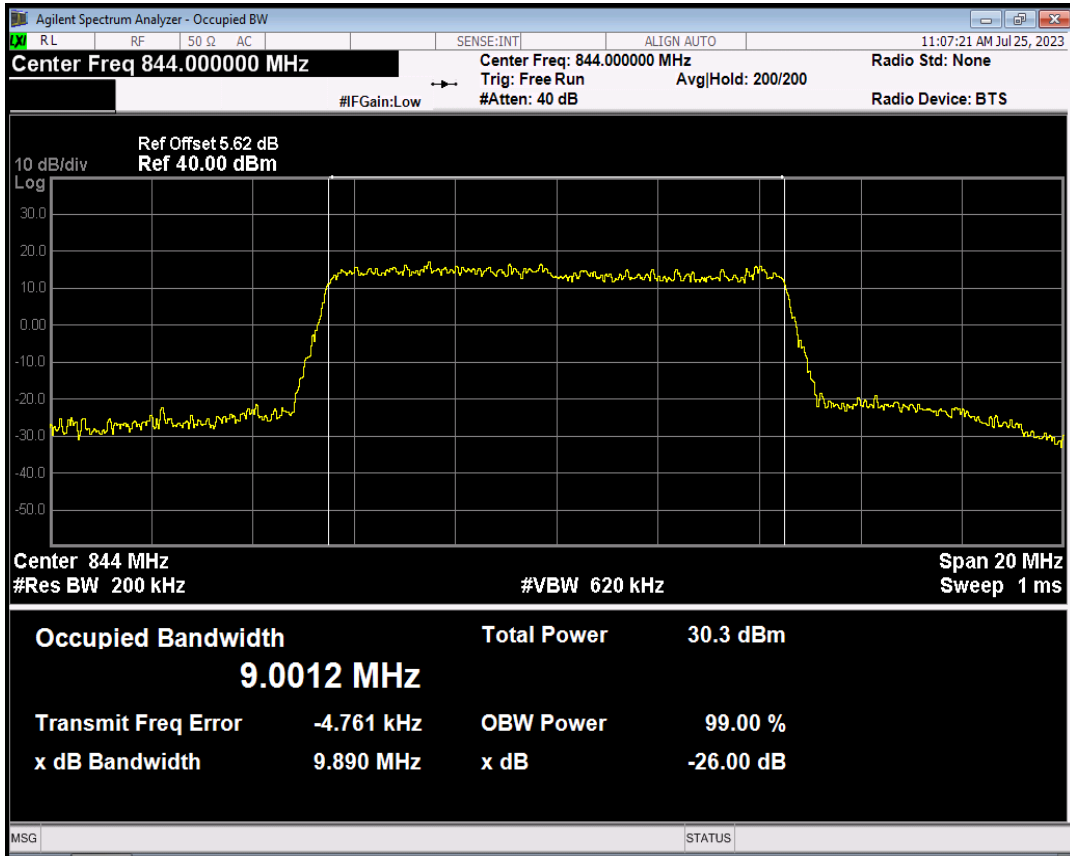


Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0

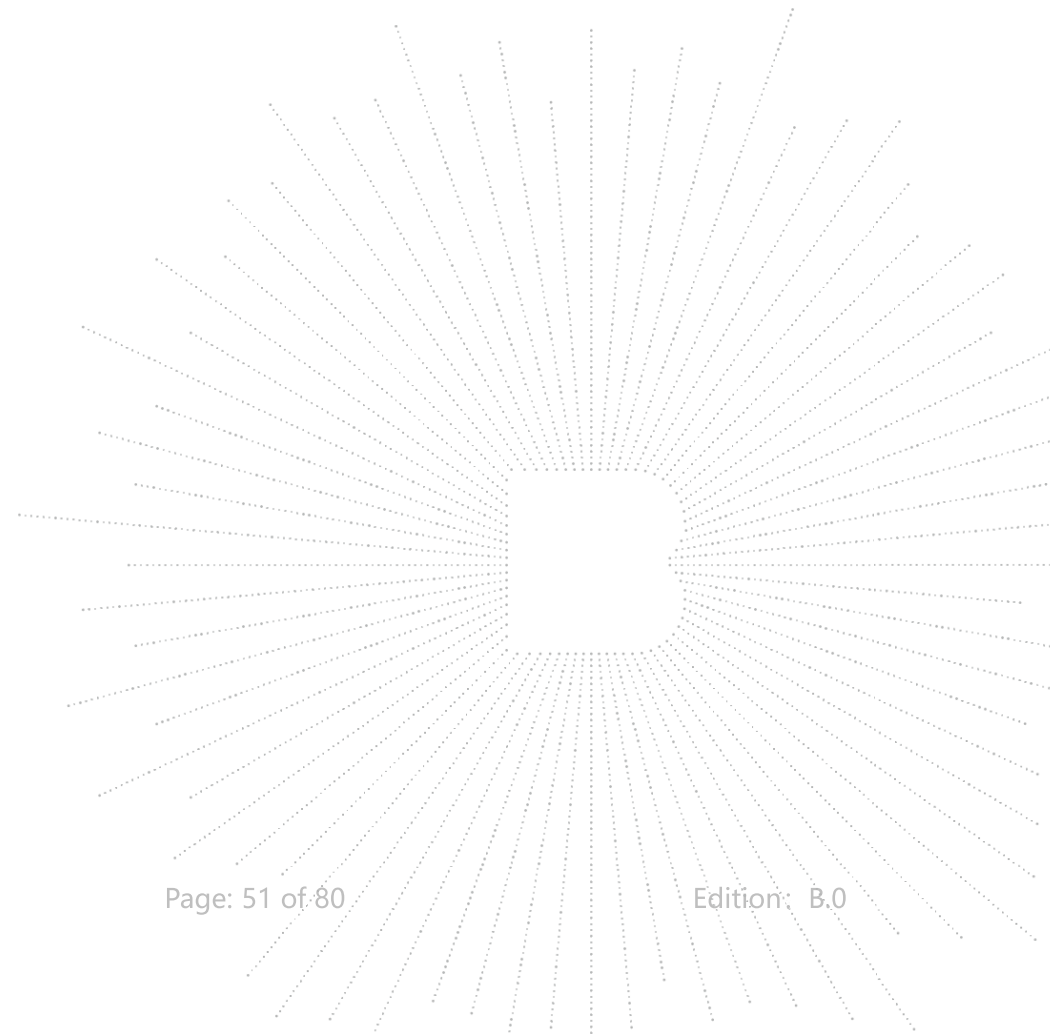
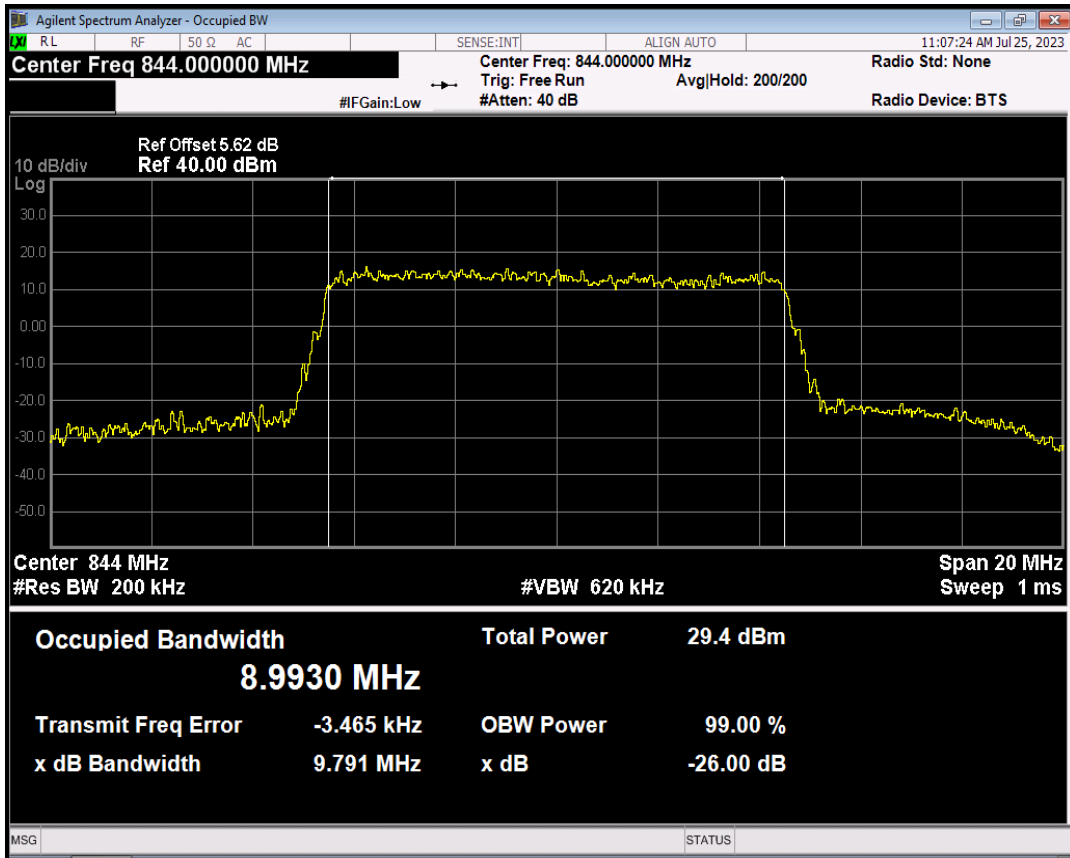




Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



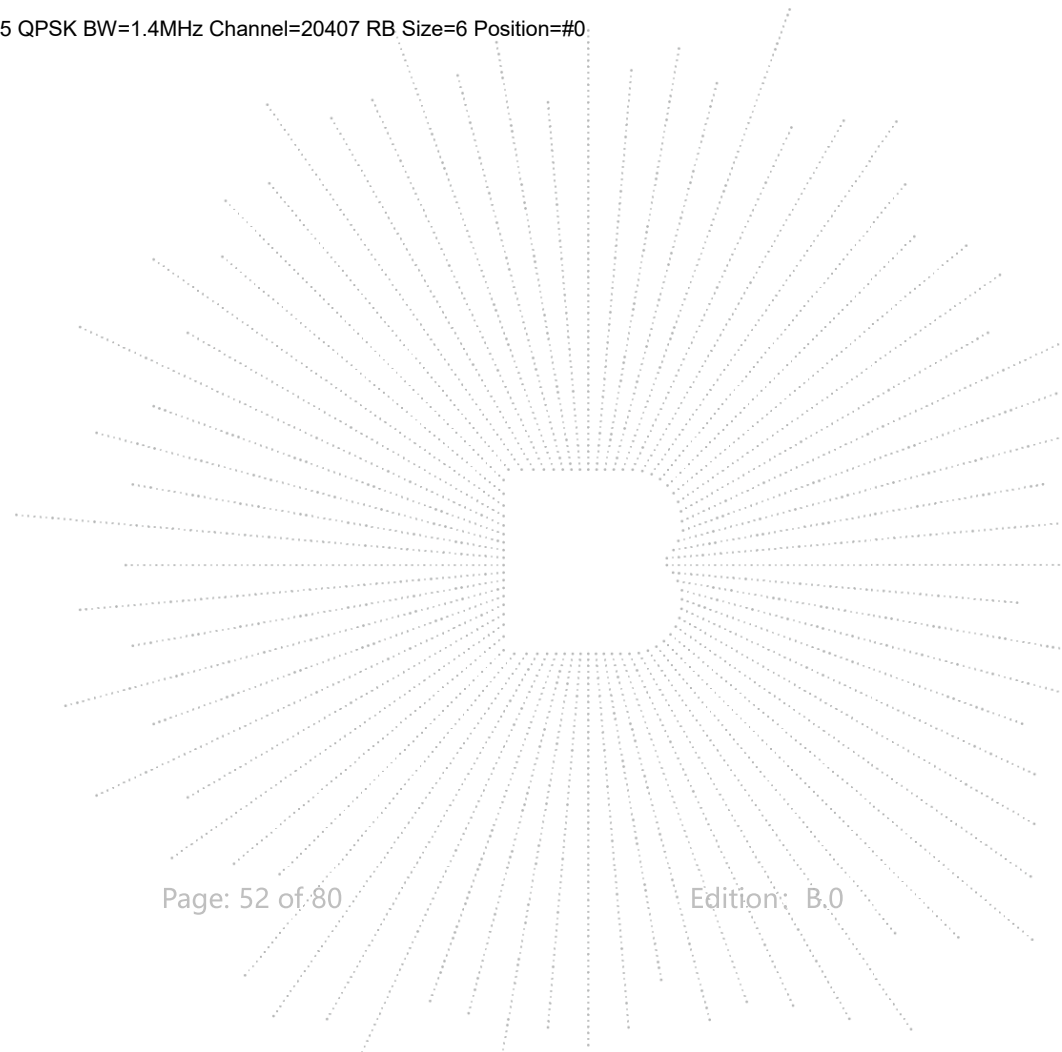
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0

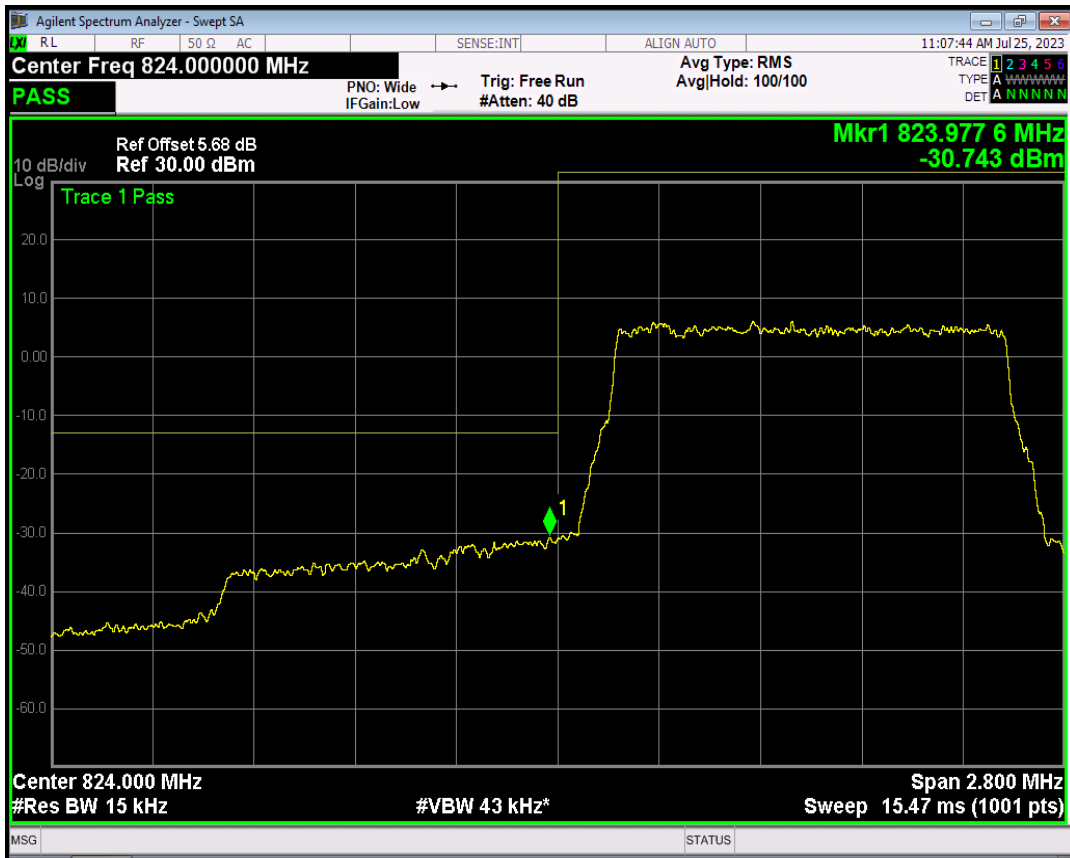


Appendix 5. Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	823.98	-30.74	-13	PASS
Band5	1.4	20407	6	#0	16QAM	823.96	-31.23	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.00	-34.56	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.00	-34.97	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-24.17	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-24.74	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-24.84	-13	PASS
Band5	3	20635	15	#0	16QAM	849.00	-23.85	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-29.16	-13	PASS
Band5	5	20425	25	#0	16QAM	823.97	-30.63	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-29.47	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-30.65	-13	PASS
Band5	10	20450	50	#0	QPSK	823.96	-32.57	-13	PASS
Band5	10	20450	50	#0	16QAM	823.98	-34.02	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-31.07	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-32.47	-13	PASS

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



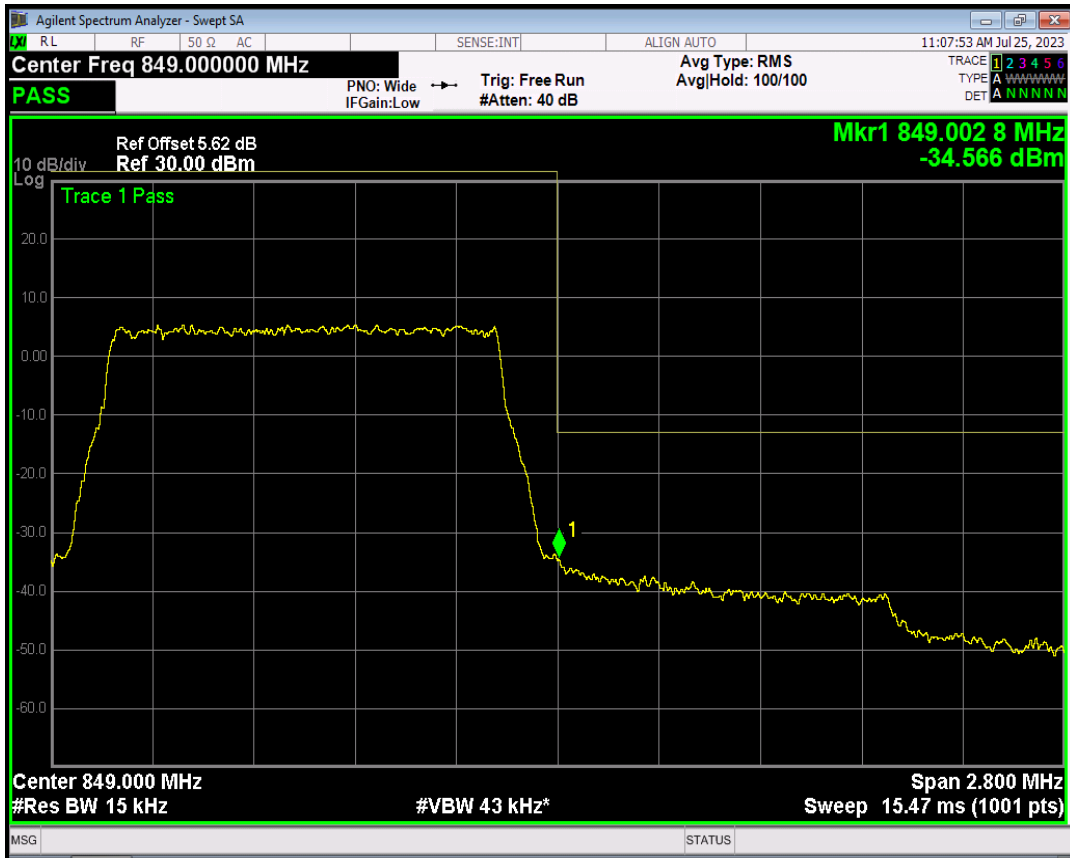


Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0

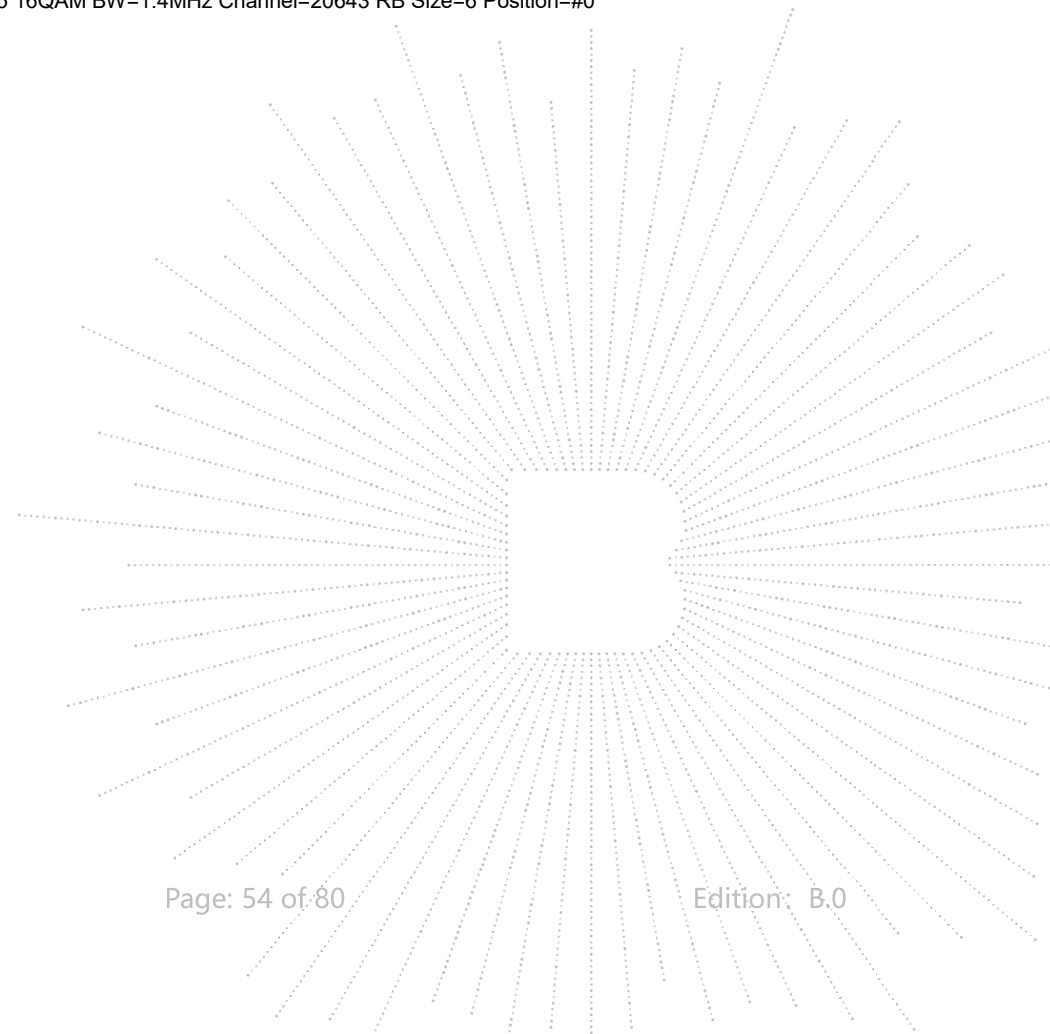


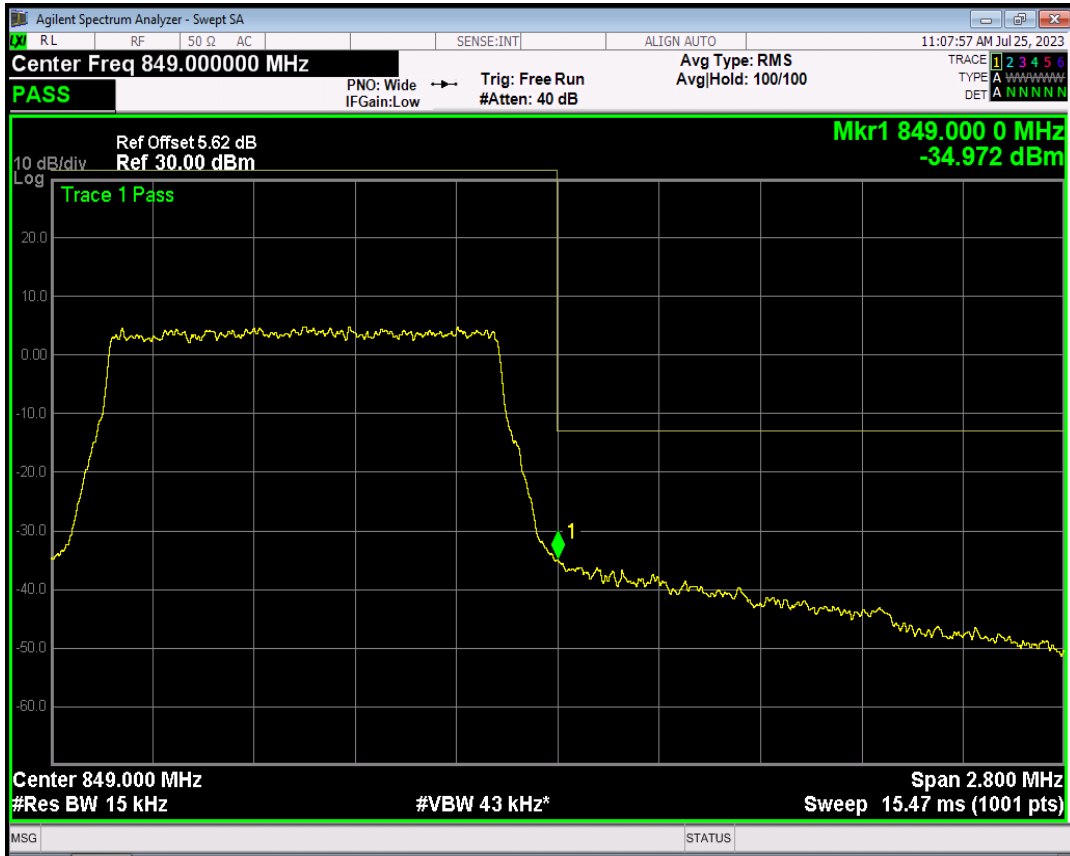


Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0

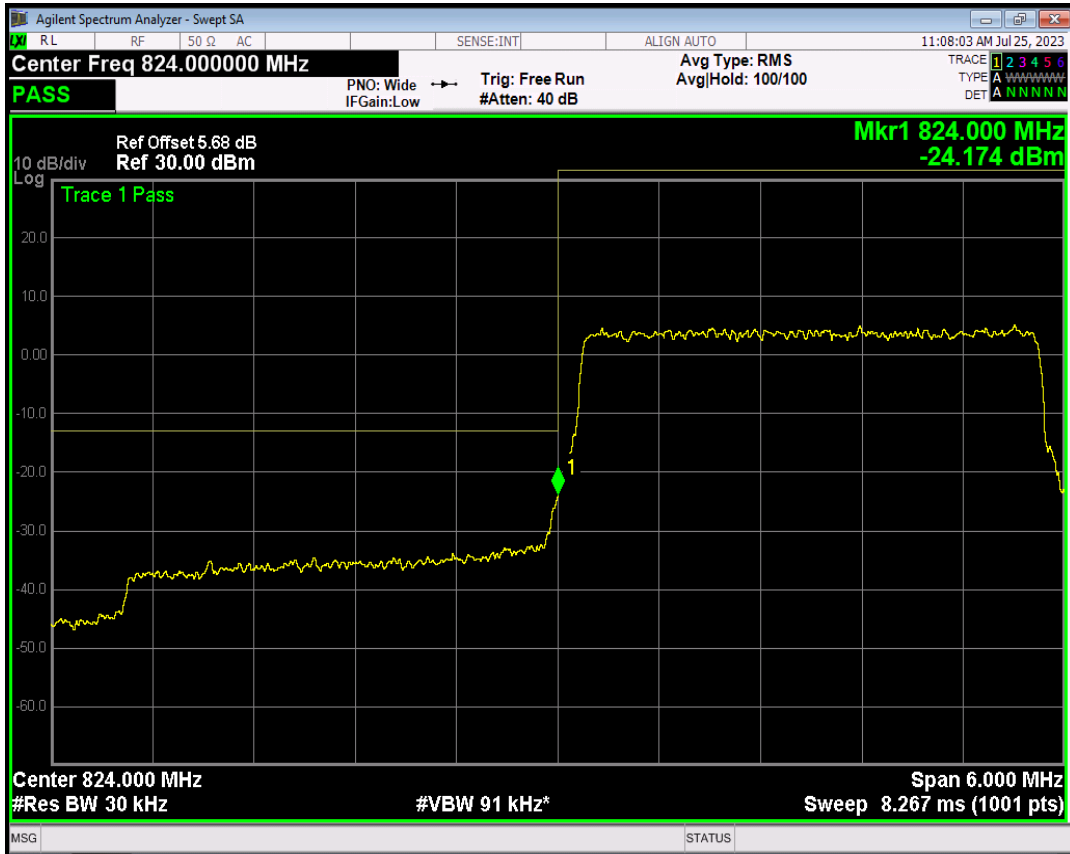


Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



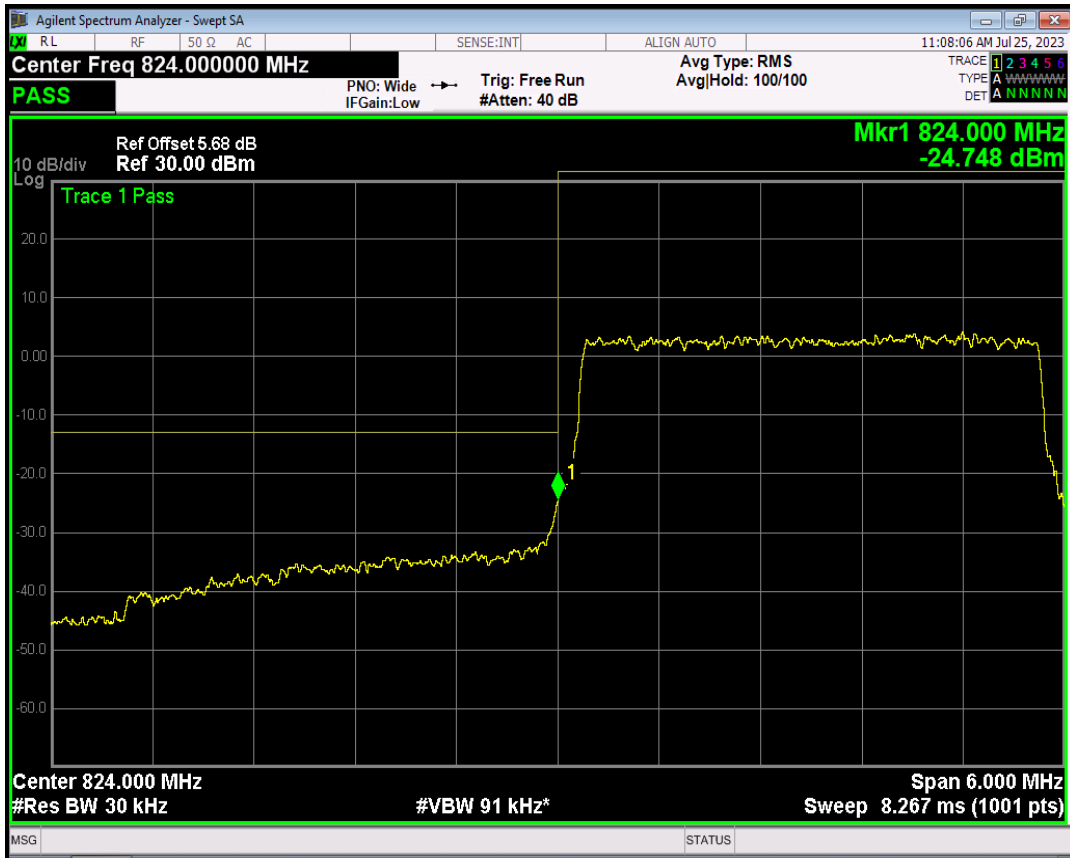


Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0

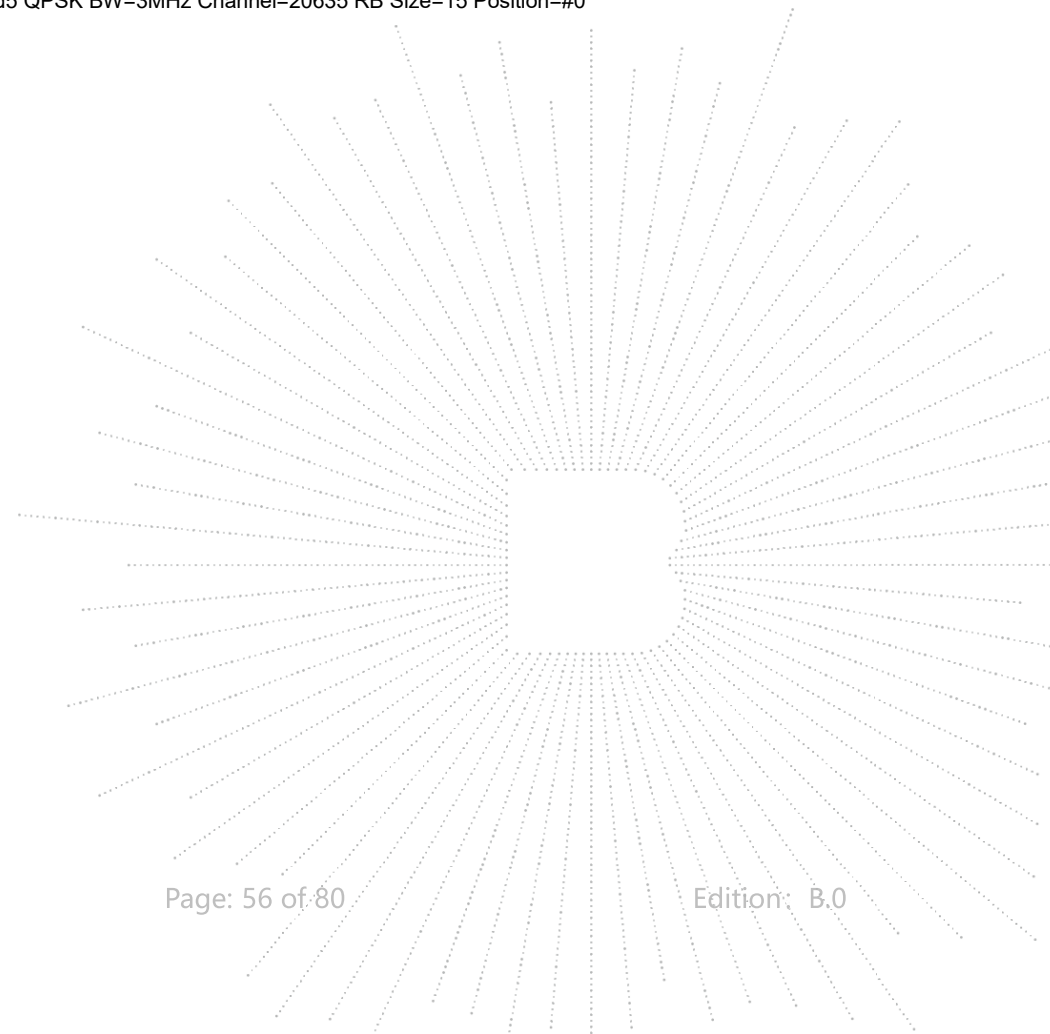


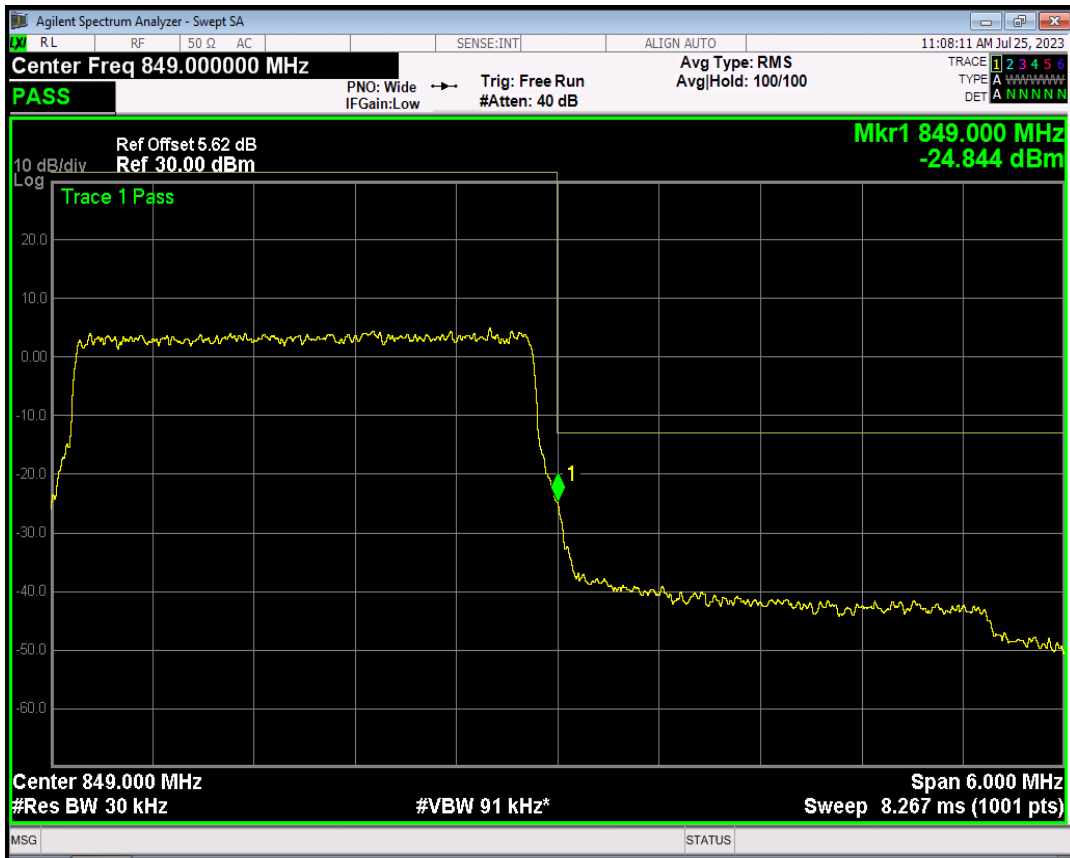


Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0

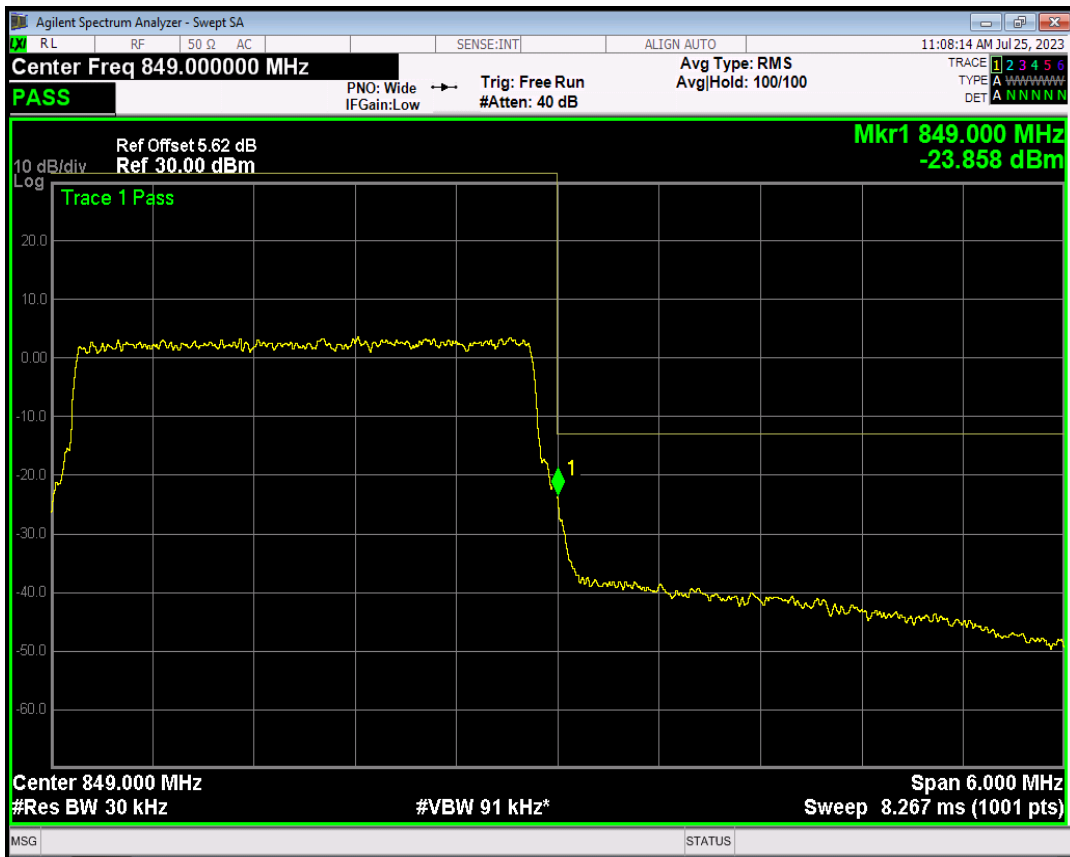


Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



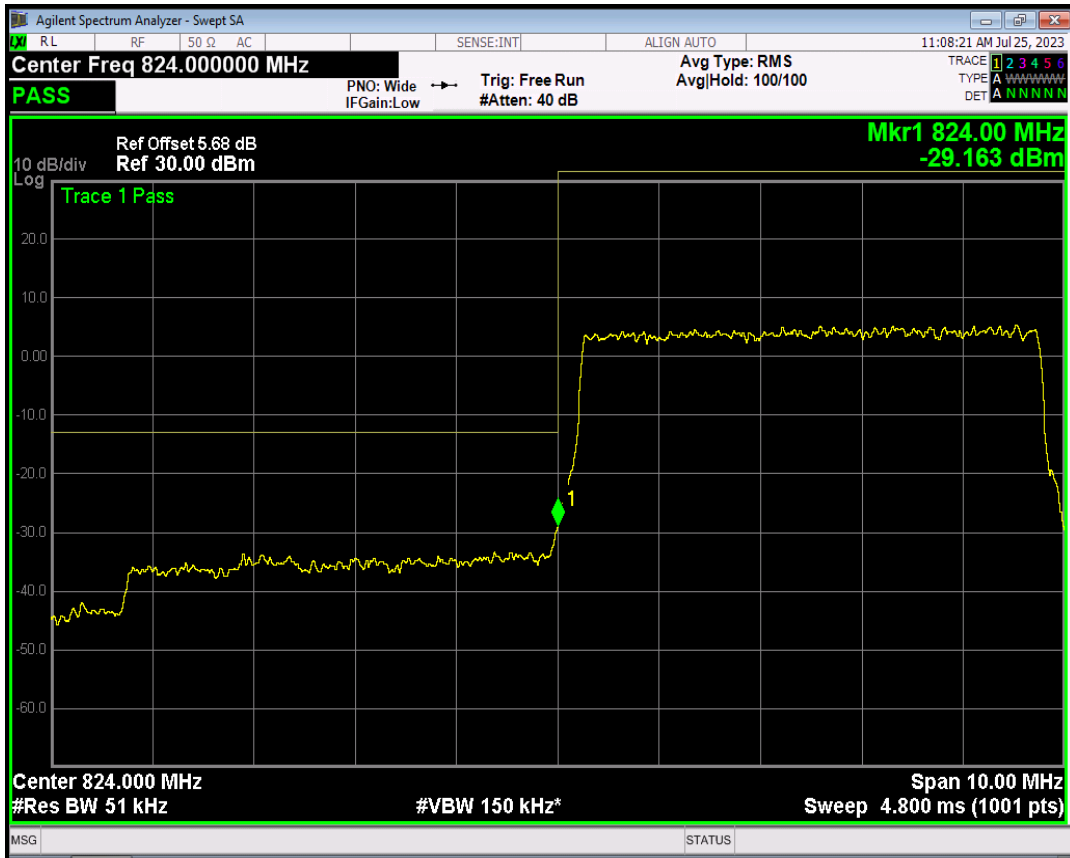


Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0

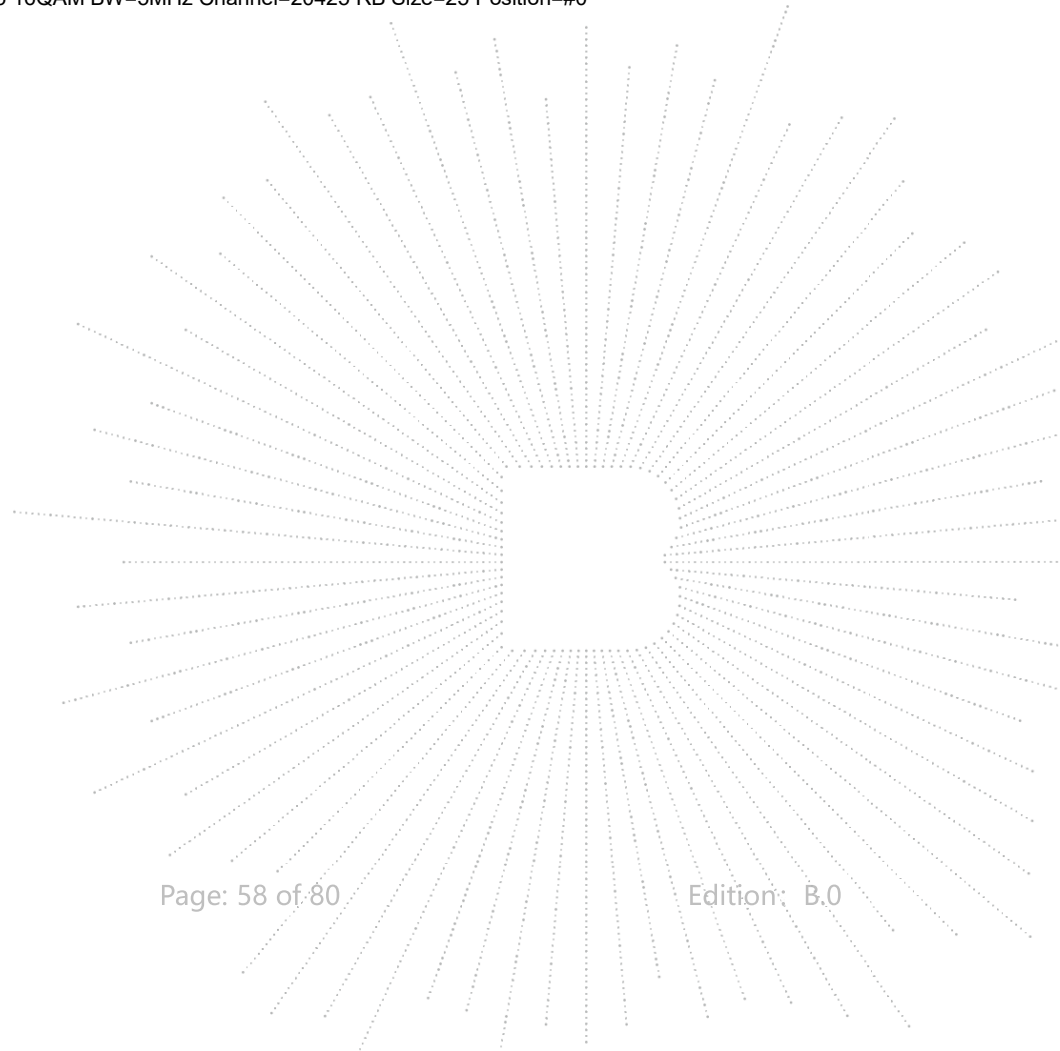


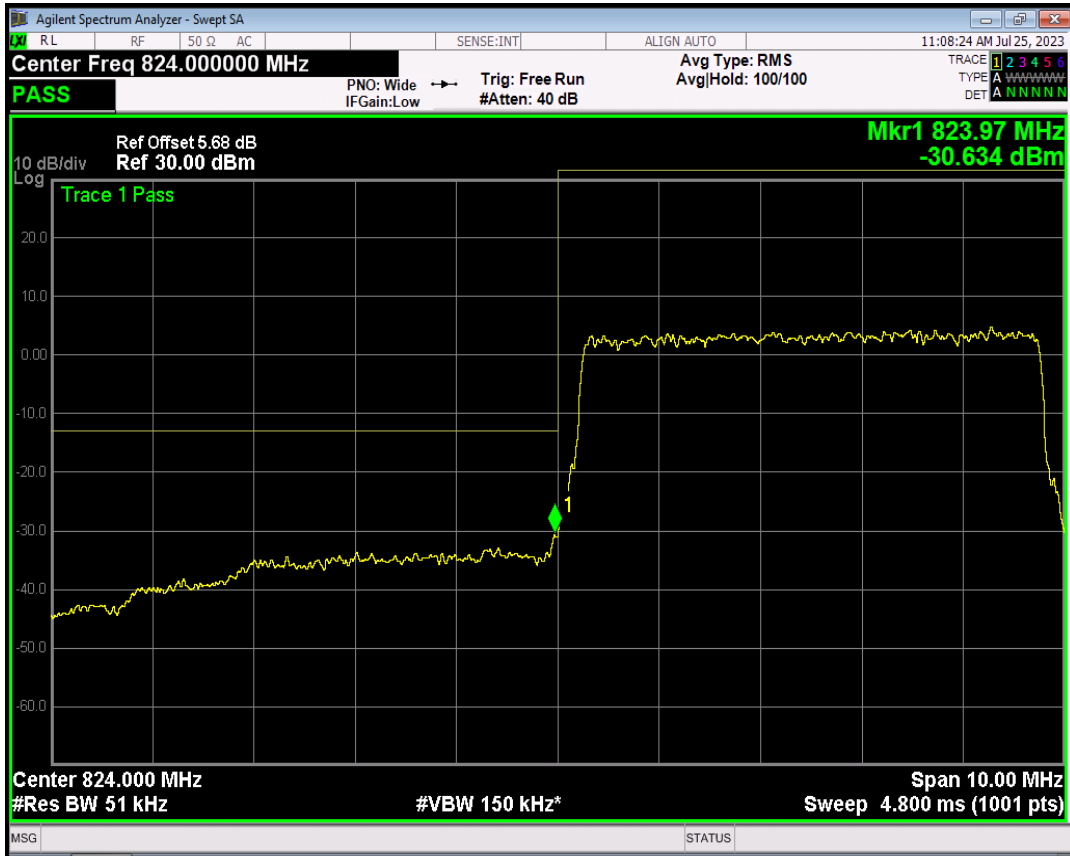


Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0

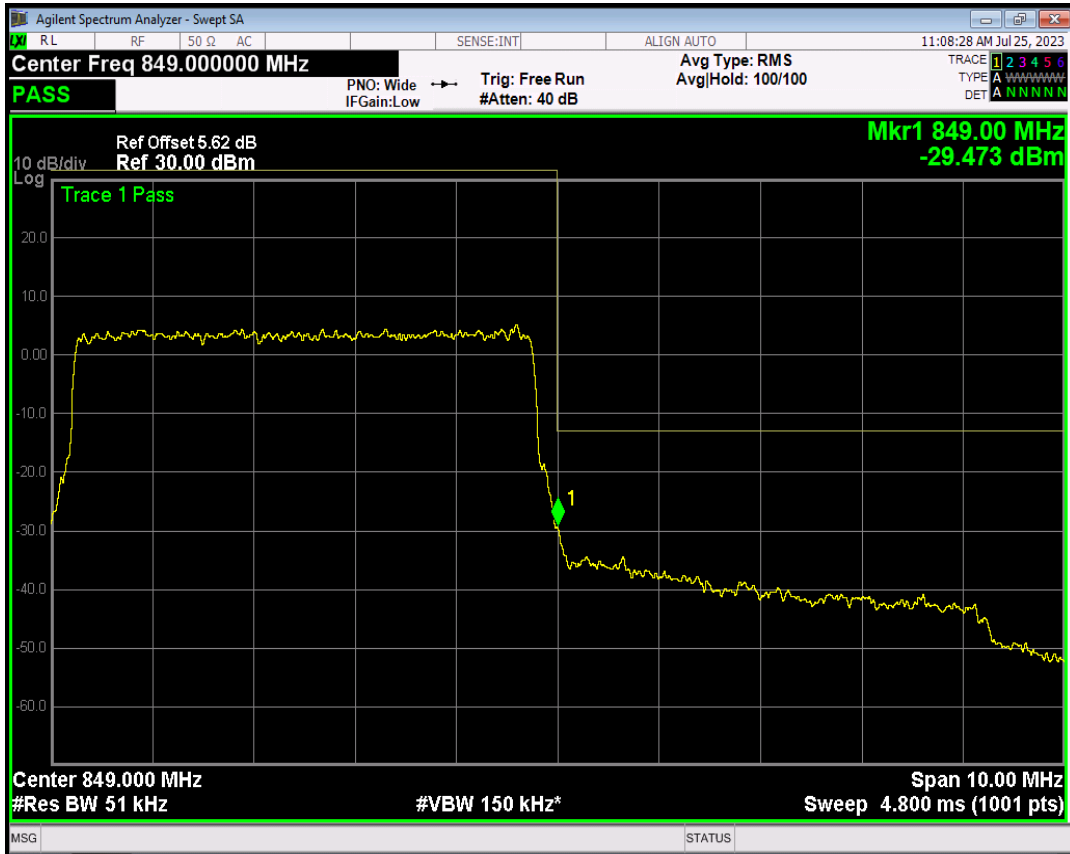


Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



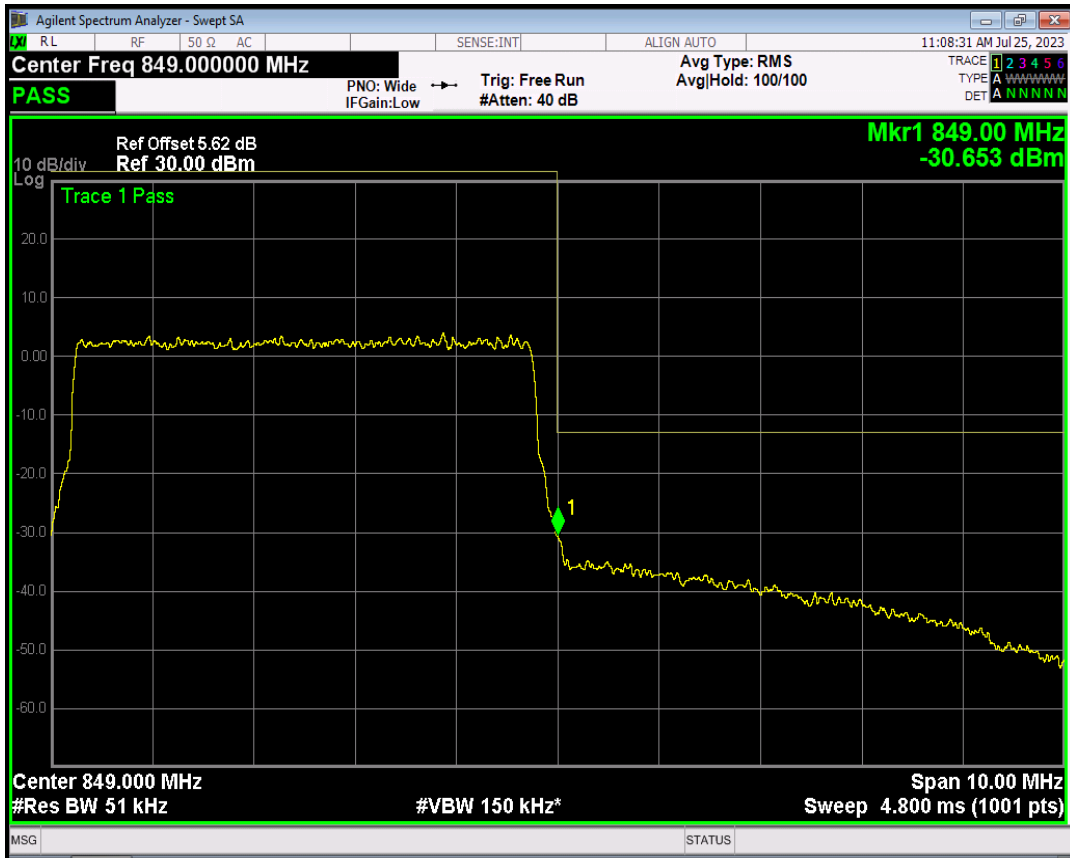


Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

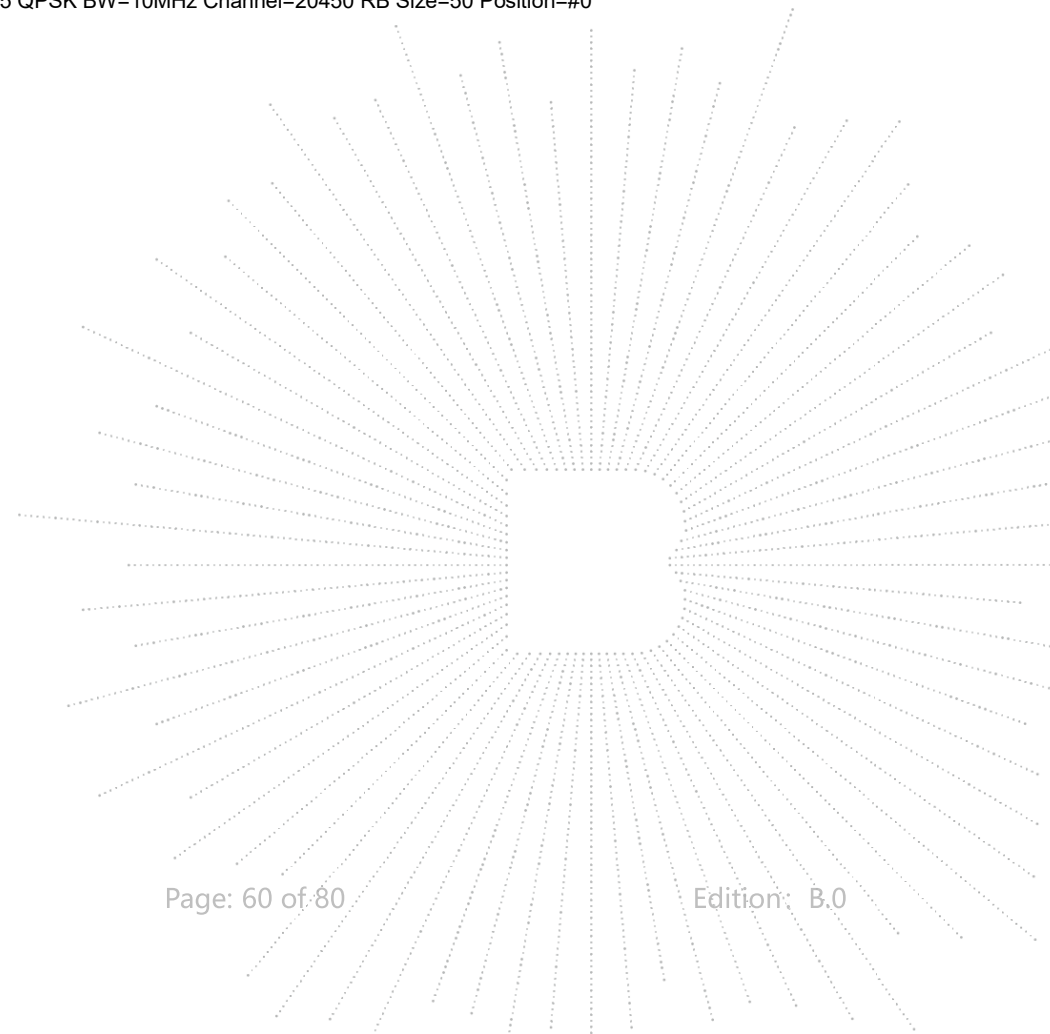


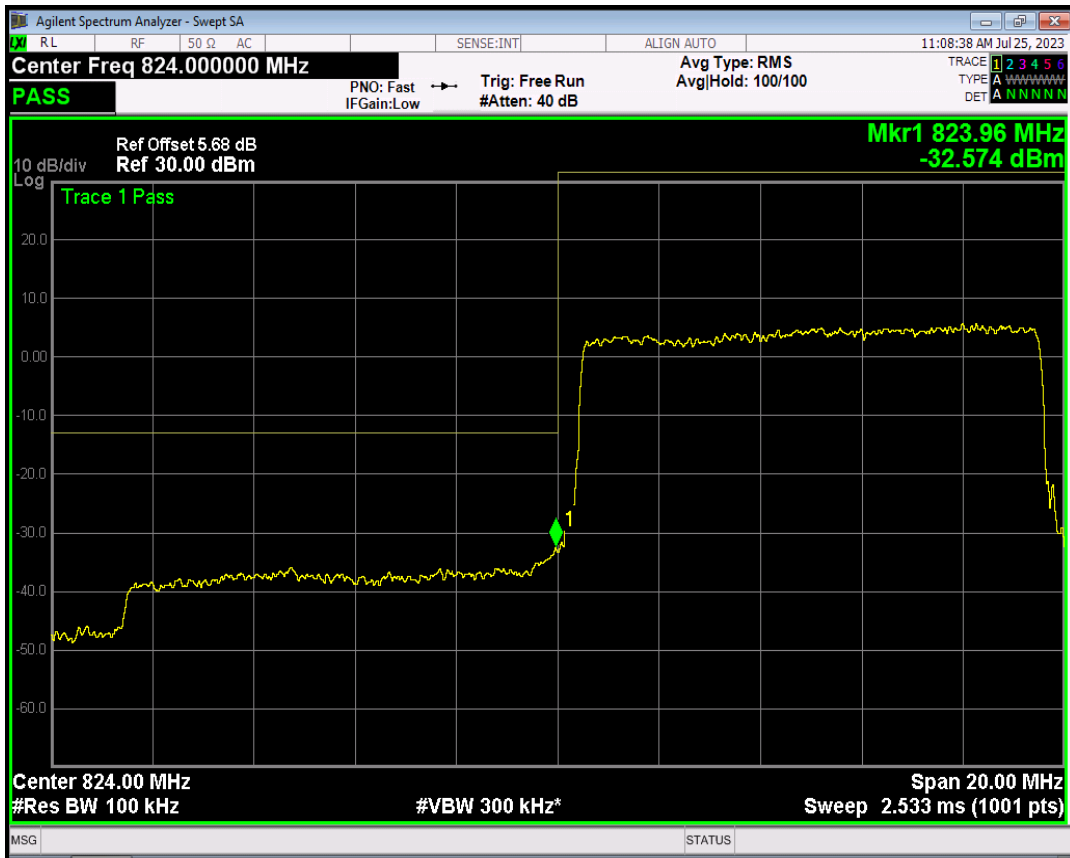


Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



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





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

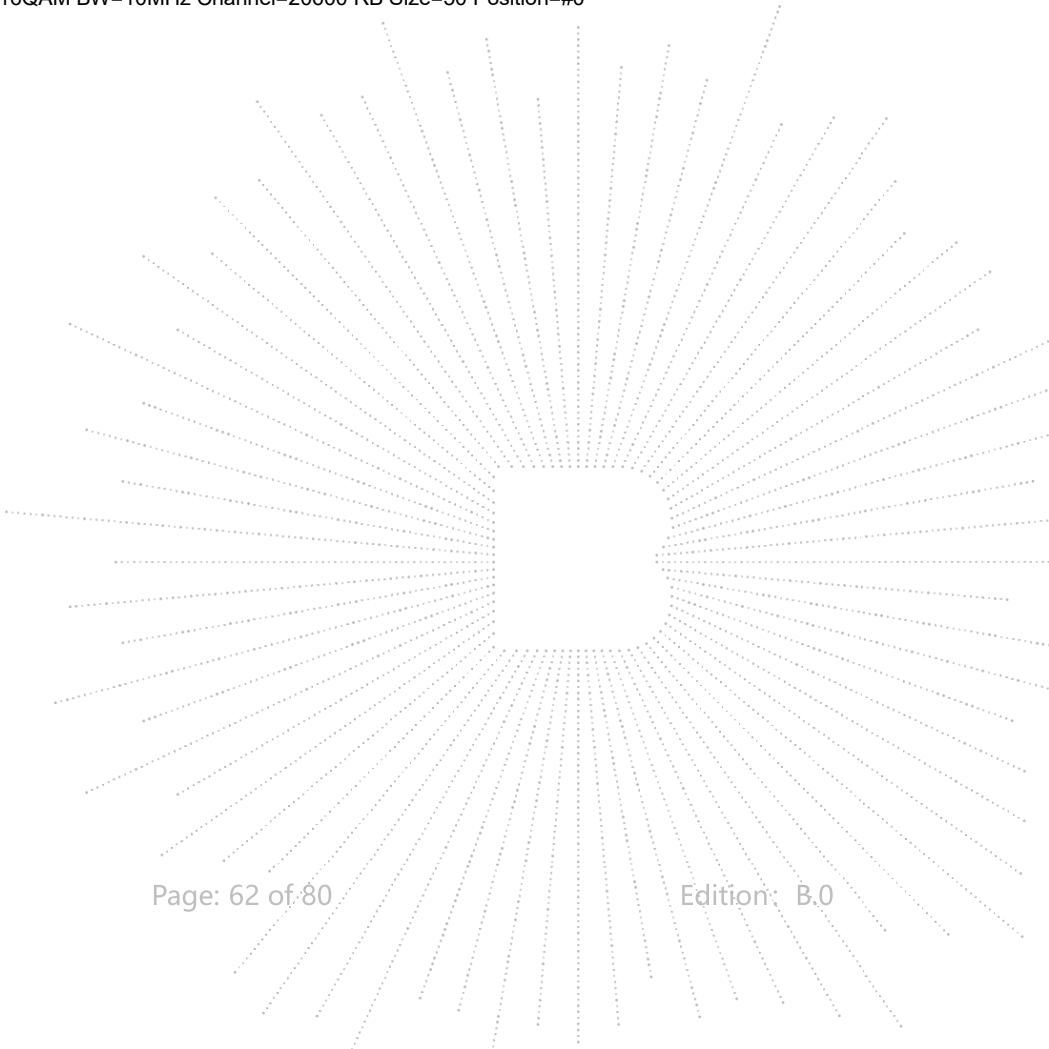


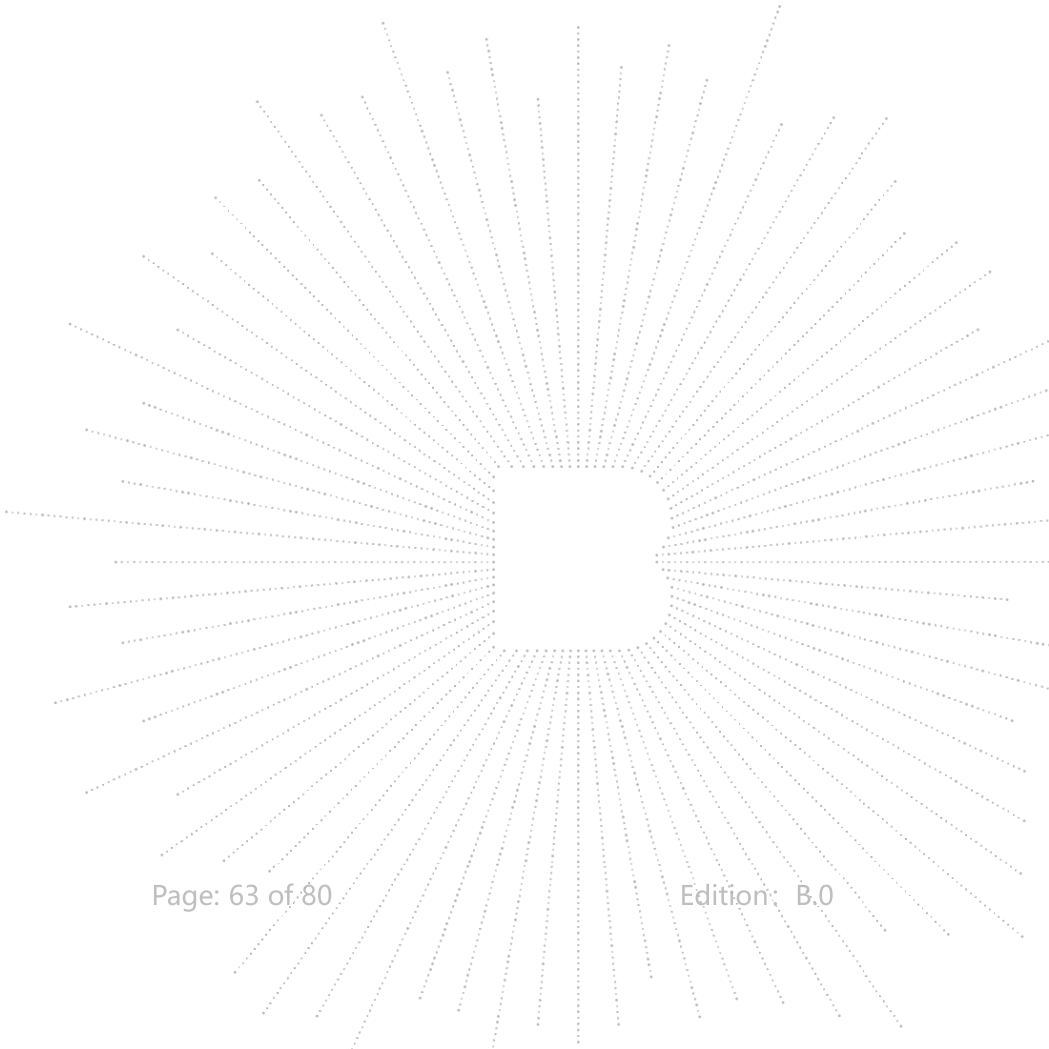
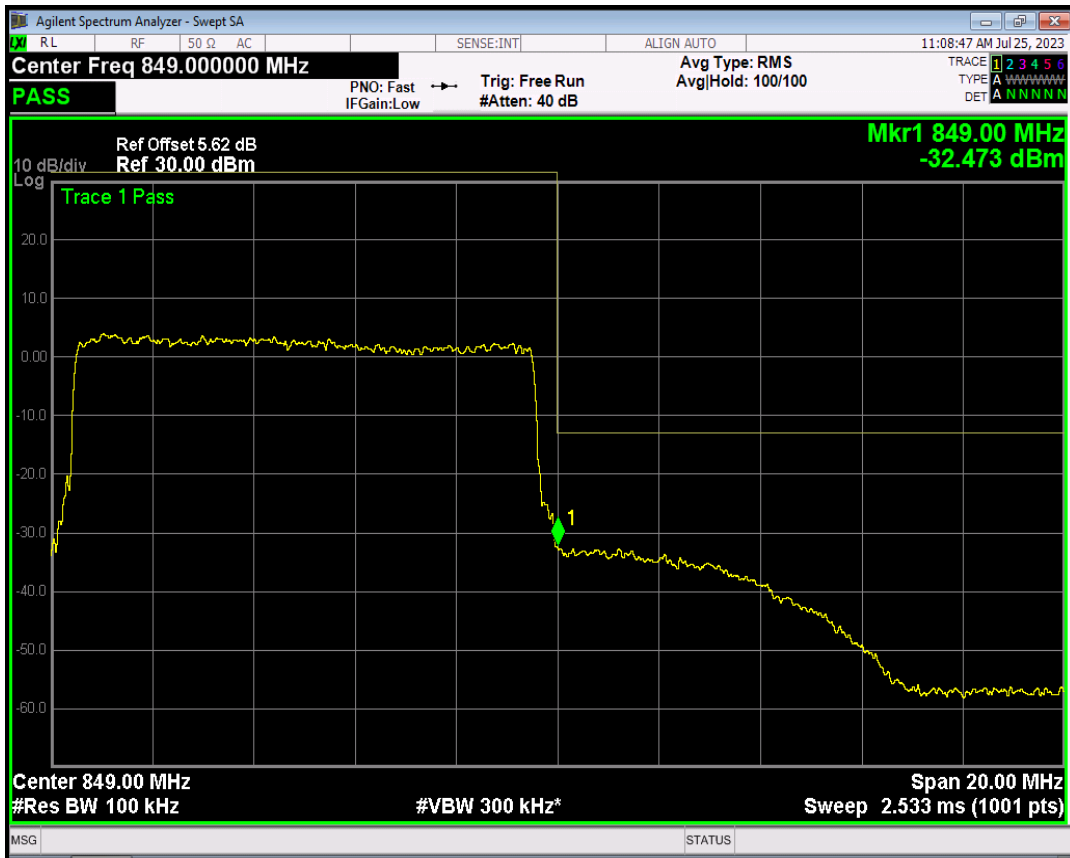


Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



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

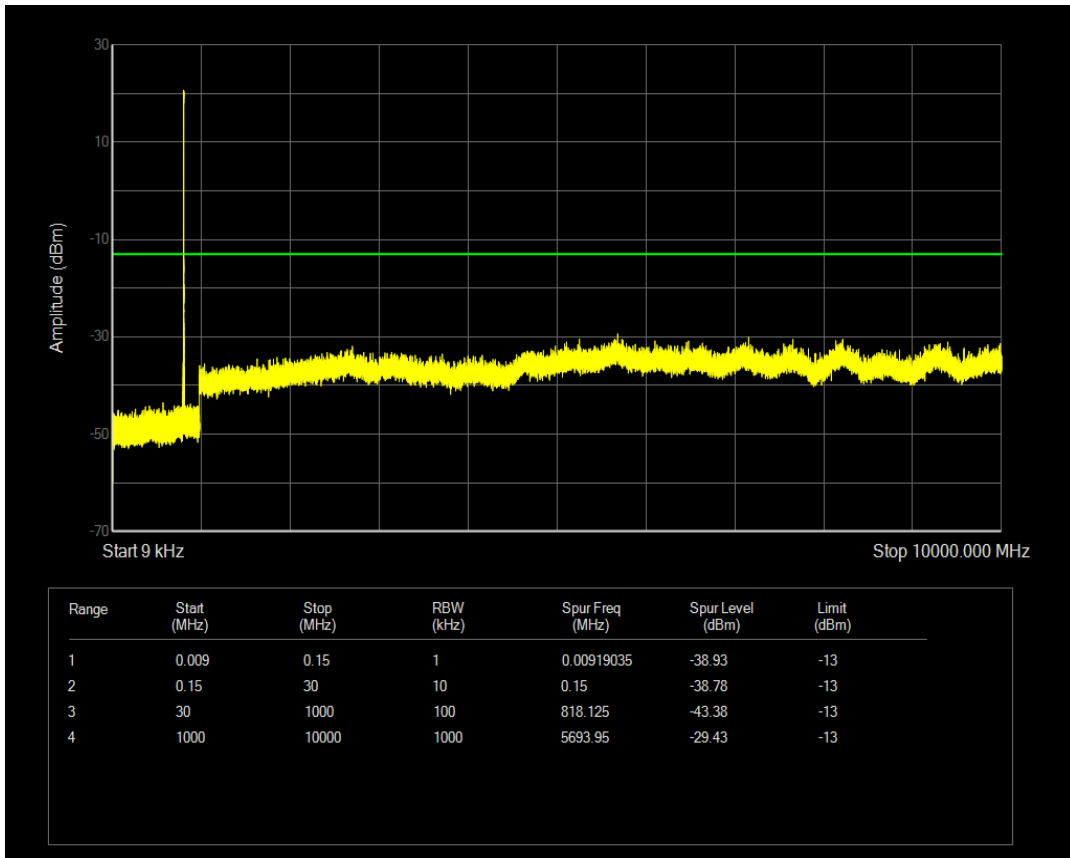




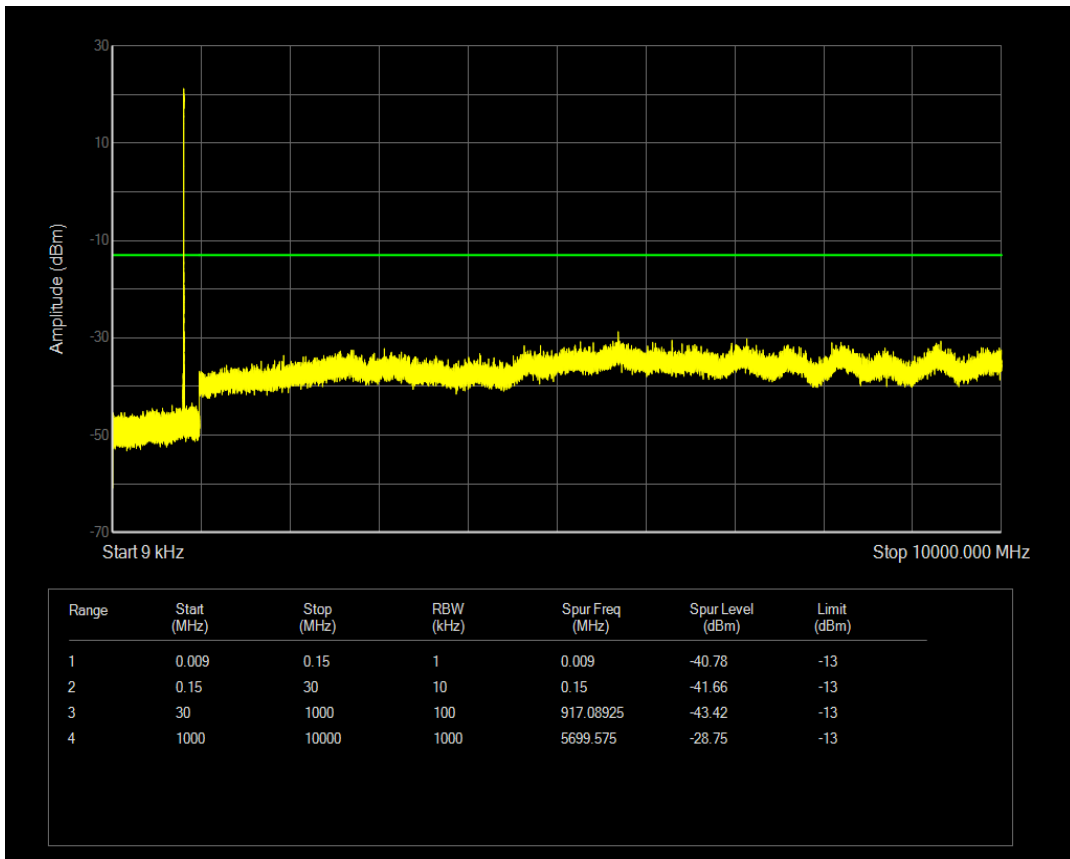
Appendix 6. Out-of-band emissions

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	5693.95	-29.43	-13	PASS
Band5	1.4	20407	6	#0	16QAM	5699.58	-28.75	-13	PASS
Band5	1.4	20525	6	#0	QPSK	5676.85	-29.62	-13	PASS
Band5	1.4	20525	6	#0	16QAM	5659.30	-30.33	-13	PASS
Band5	1.4	20643	6	#0	QPSK	6505.08	-29.95	-13	PASS
Band5	1.4	20643	6	#0	16QAM	5726.58	-29.99	-13	PASS
Band5	3	20415	15	#0	QPSK	8148.25	-29.29	-13	PASS
Band5	3	20415	15	#0	16QAM	5665.83	-30.10	-13	PASS
Band5	3	20525	15	#0	QPSK	5689.45	-30.22	-13	PASS
Band5	3	20525	15	#0	16QAM	5715.55	-30.21	-13	PASS
Band5	3	20635	15	#0	QPSK	5671.90	-30.26	-13	PASS
Band5	3	20635	15	#0	16QAM	5695.08	-29.63	-13	PASS
Band5	5	20425	25	#0	QPSK	5671.45	-29.60	-13	PASS
Band5	5	20425	25	#0	16QAM	5639.50	-30.00	-13	PASS
Band5	5	20525	25	#0	QPSK	5741.43	-30.01	-13	PASS
Band5	5	20525	25	#0	16QAM	5787.33	-29.21	-13	PASS
Band5	5	20625	25	#0	QPSK	5783.05	-29.63	-13	PASS
Band5	5	20625	25	#0	16QAM	5680.68	-29.80	-13	PASS
Band5	10	20450	50	#0	QPSK	6651.55	-29.75	-13	PASS
Band5	10	20450	50	#0	16QAM	5679.10	-29.78	-13	PASS
Band5	10	20525	50	#0	QPSK	5693.73	-29.98	-13	PASS
Band5	10	20525	50	#0	16QAM	5685.63	-29.64	-13	PASS
Band5	10	20600	50	#0	QPSK	5603.28	-28.89	-13	PASS
Band5	10	20600	50	#0	16QAM	5677.08	-30.47	-13	PASS

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

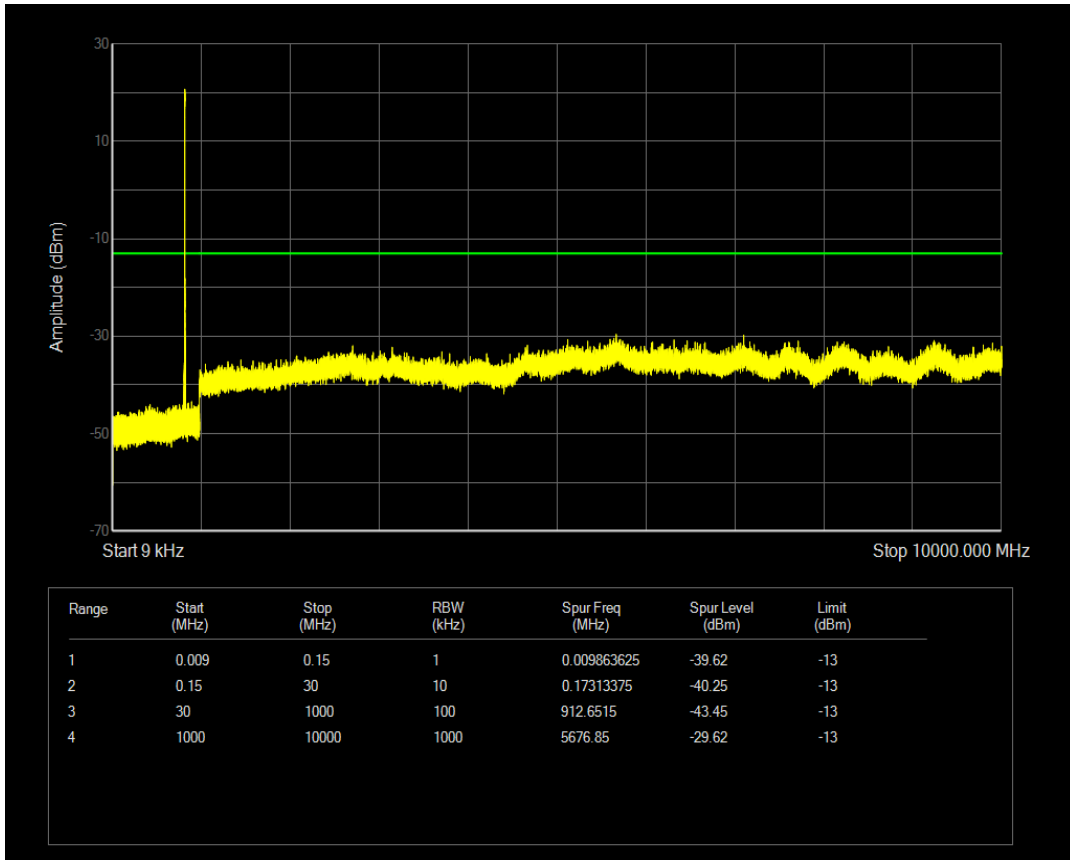


Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0

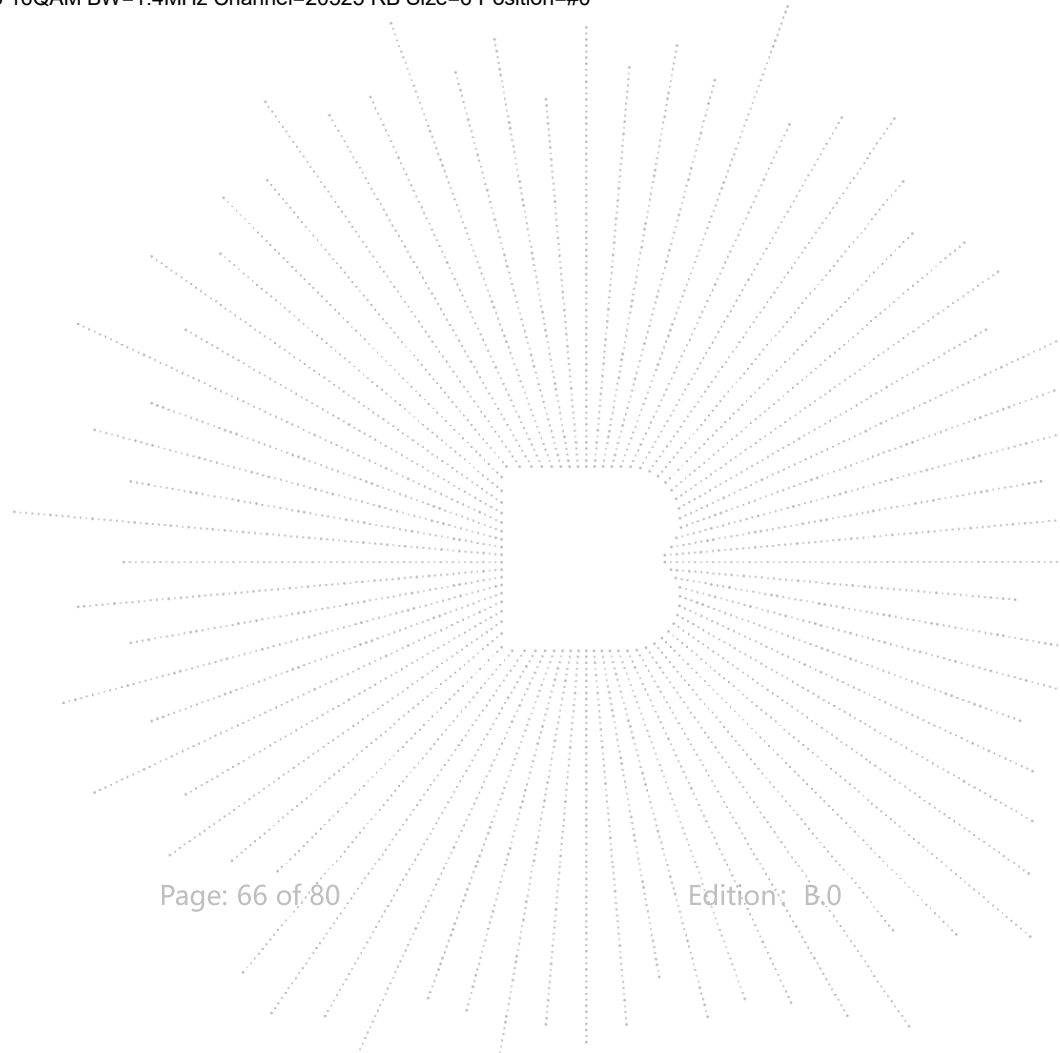


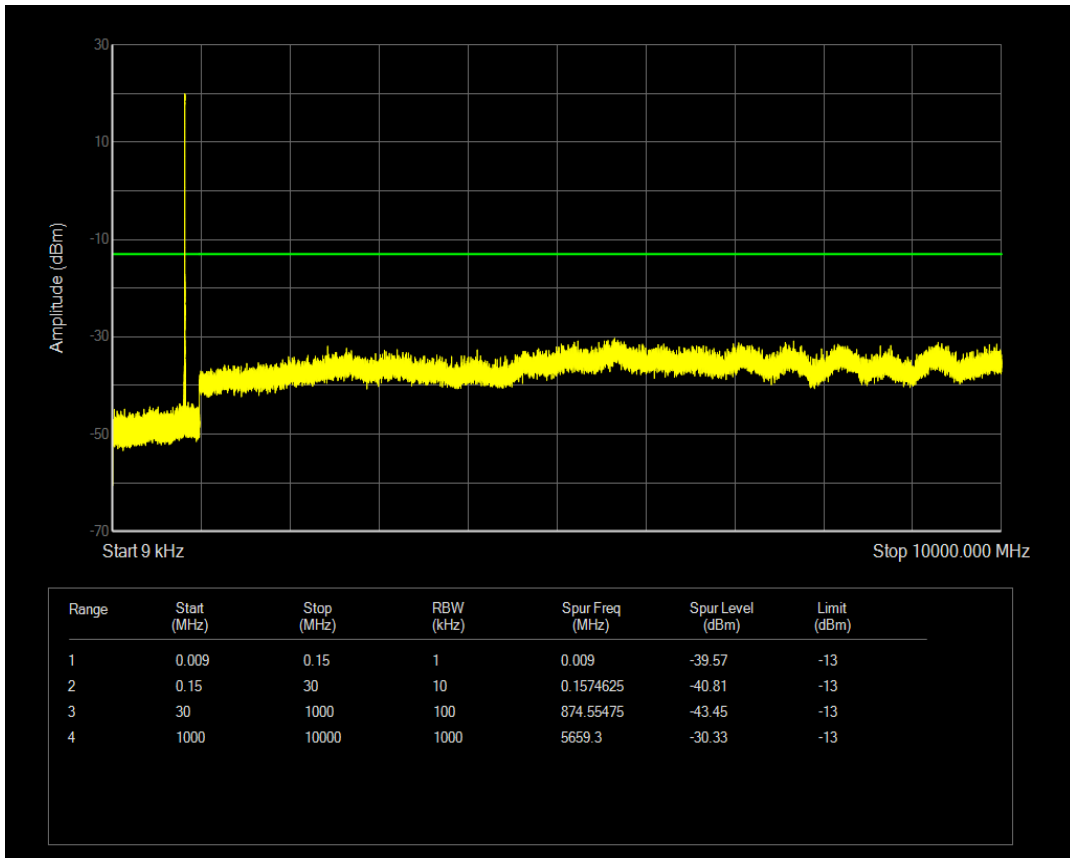


Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0

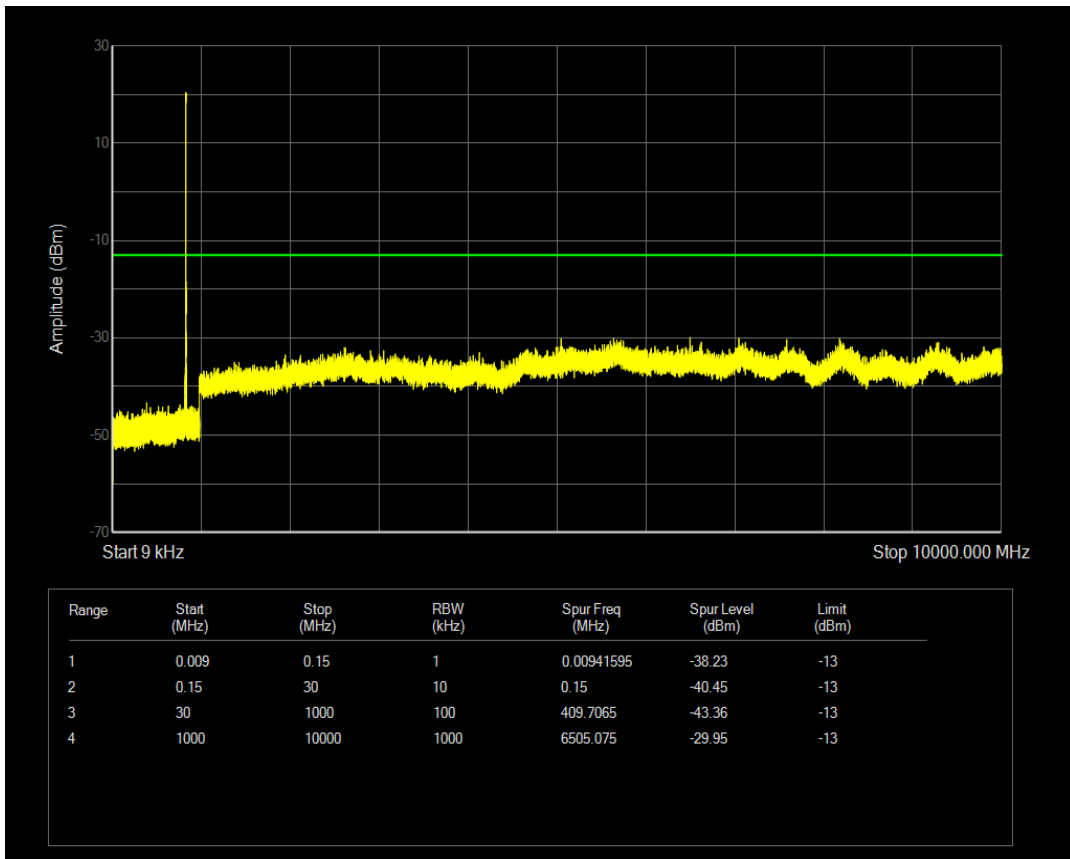


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



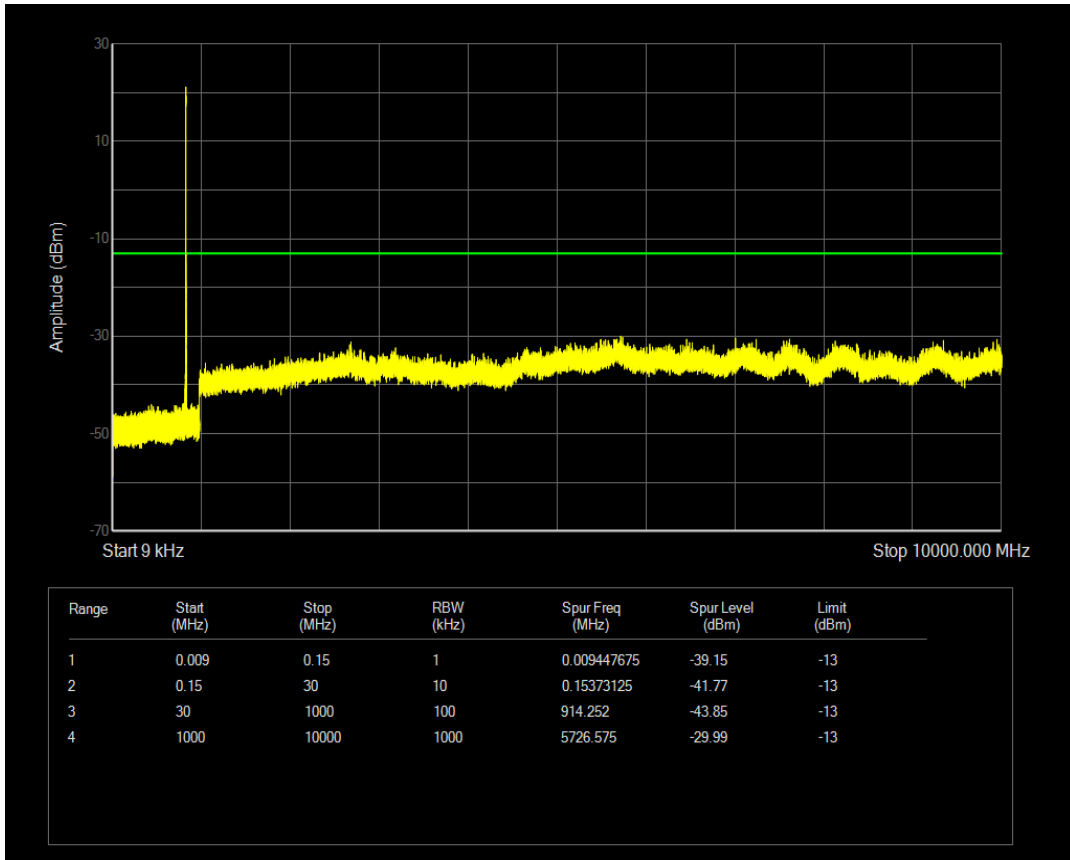


Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0

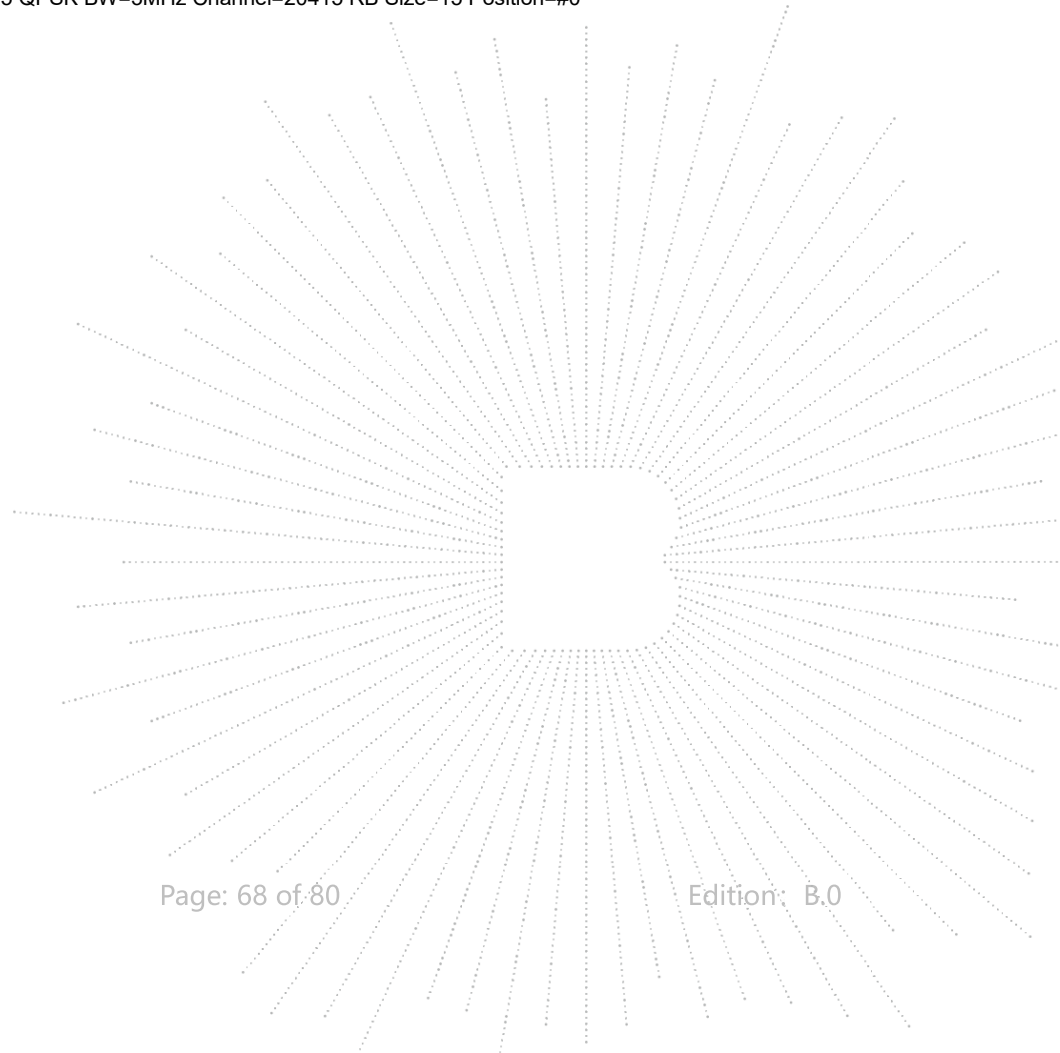


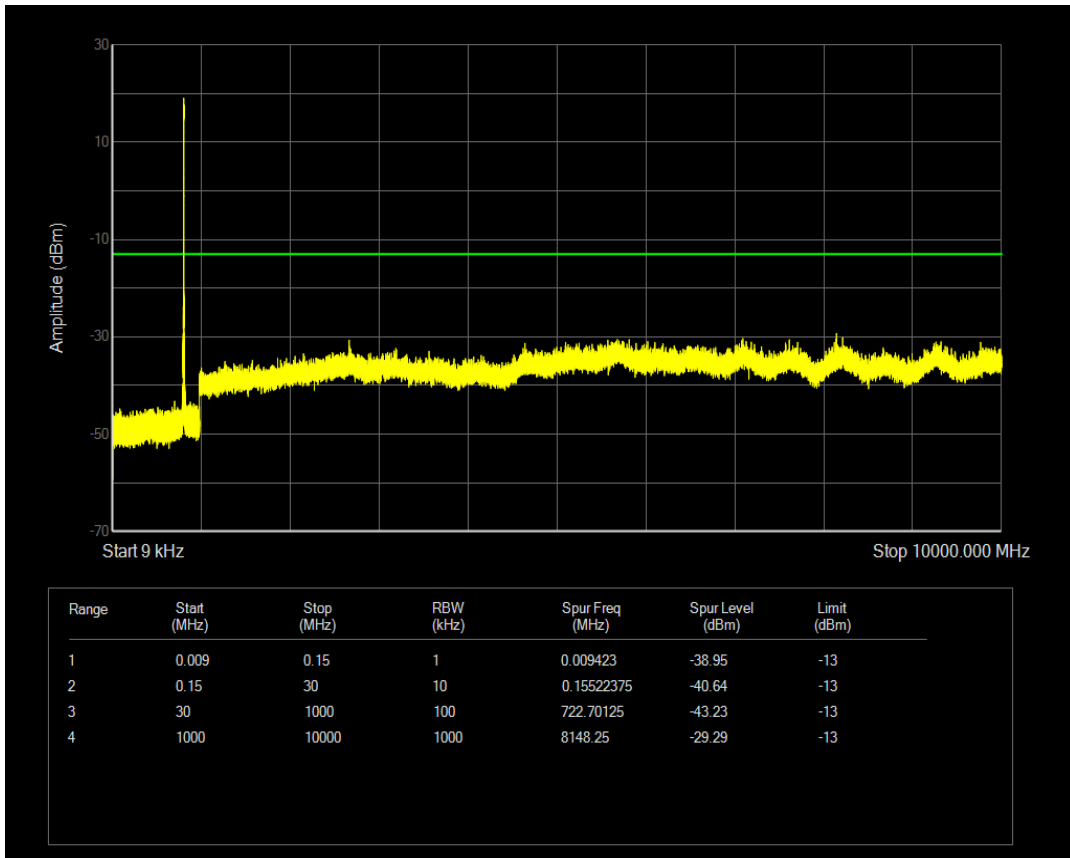


Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0

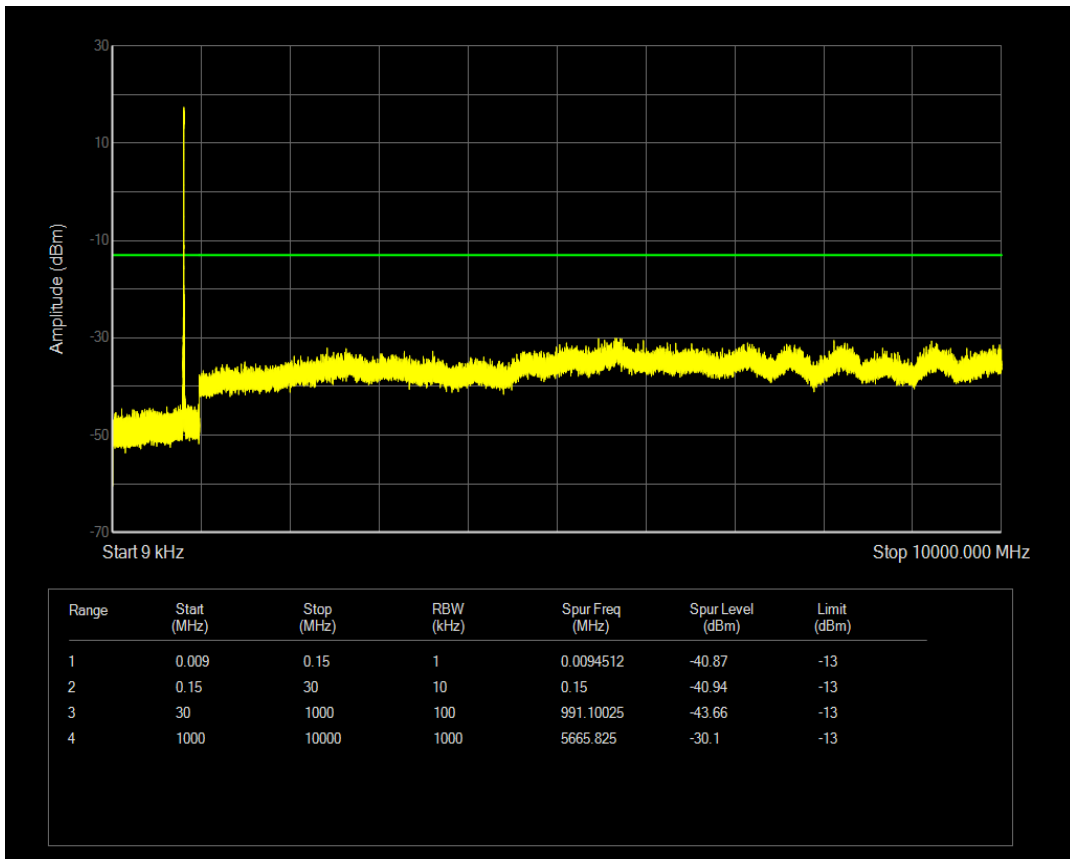


Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



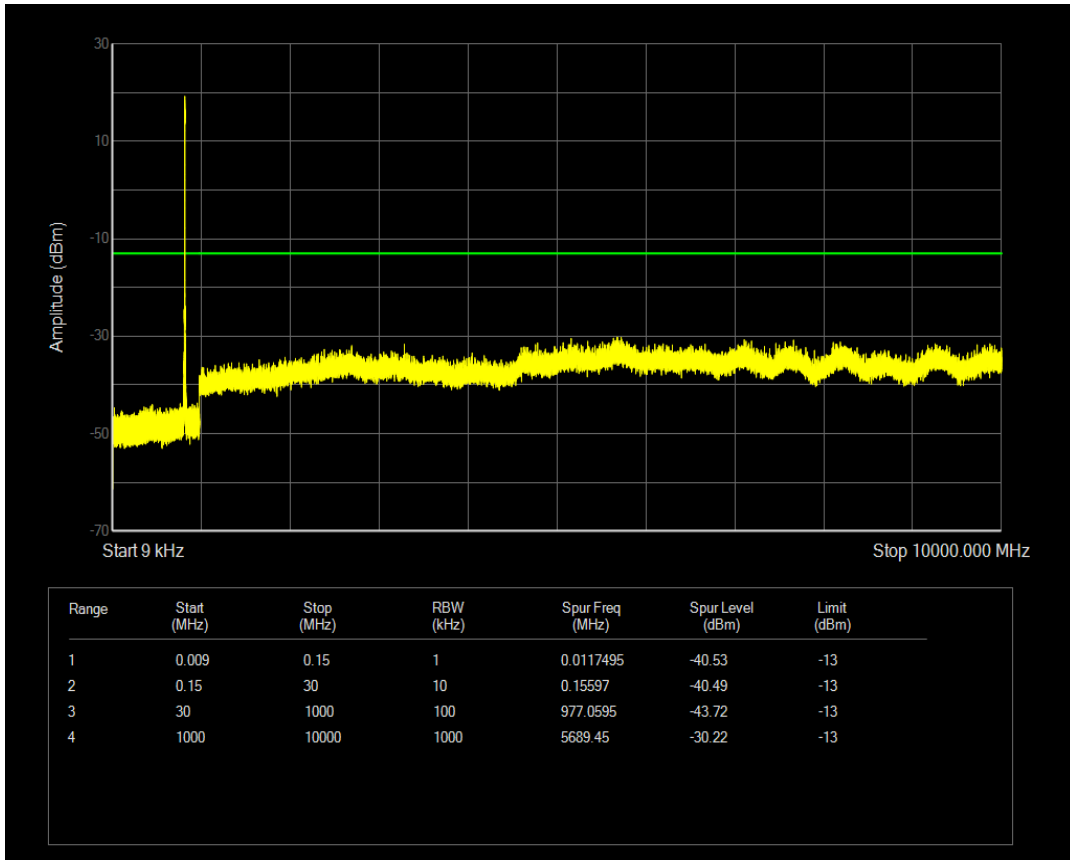


Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0

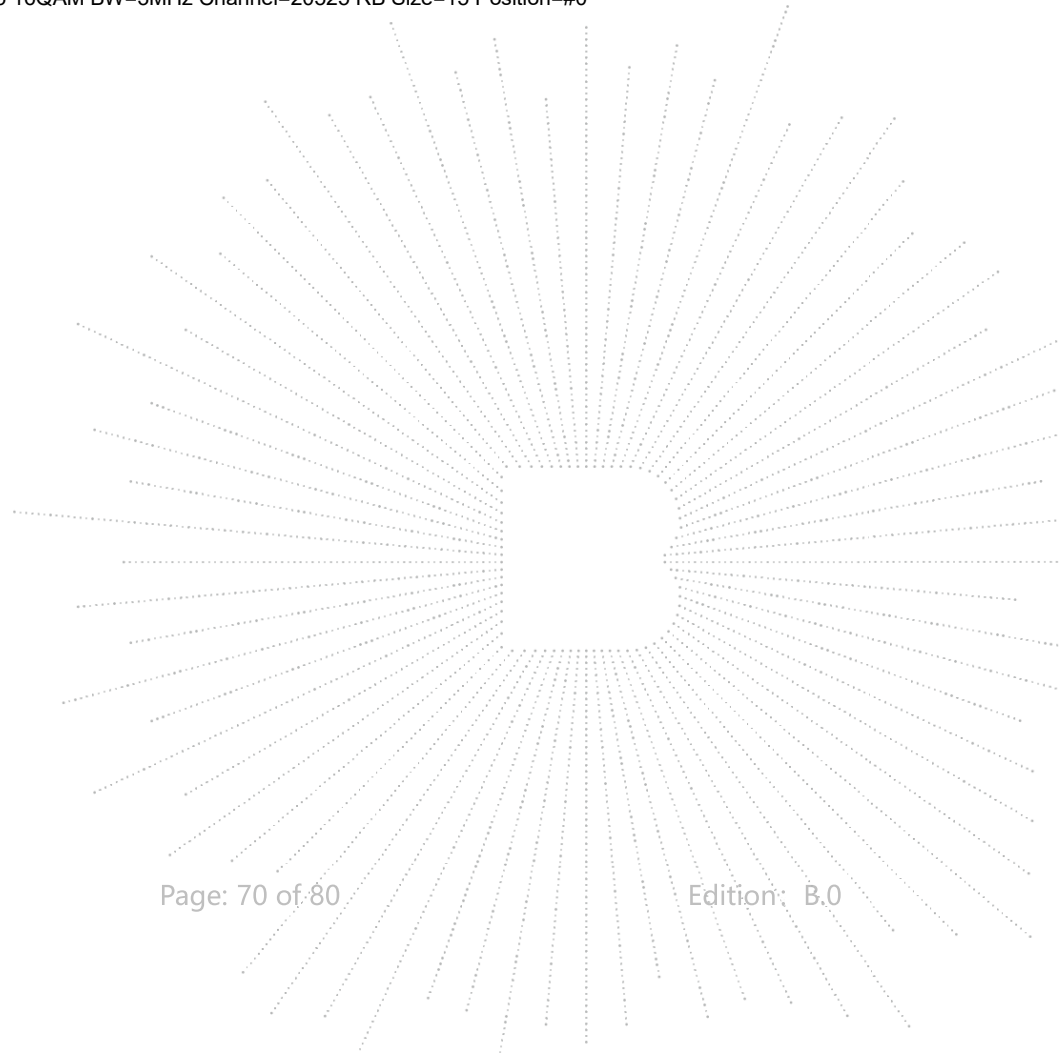


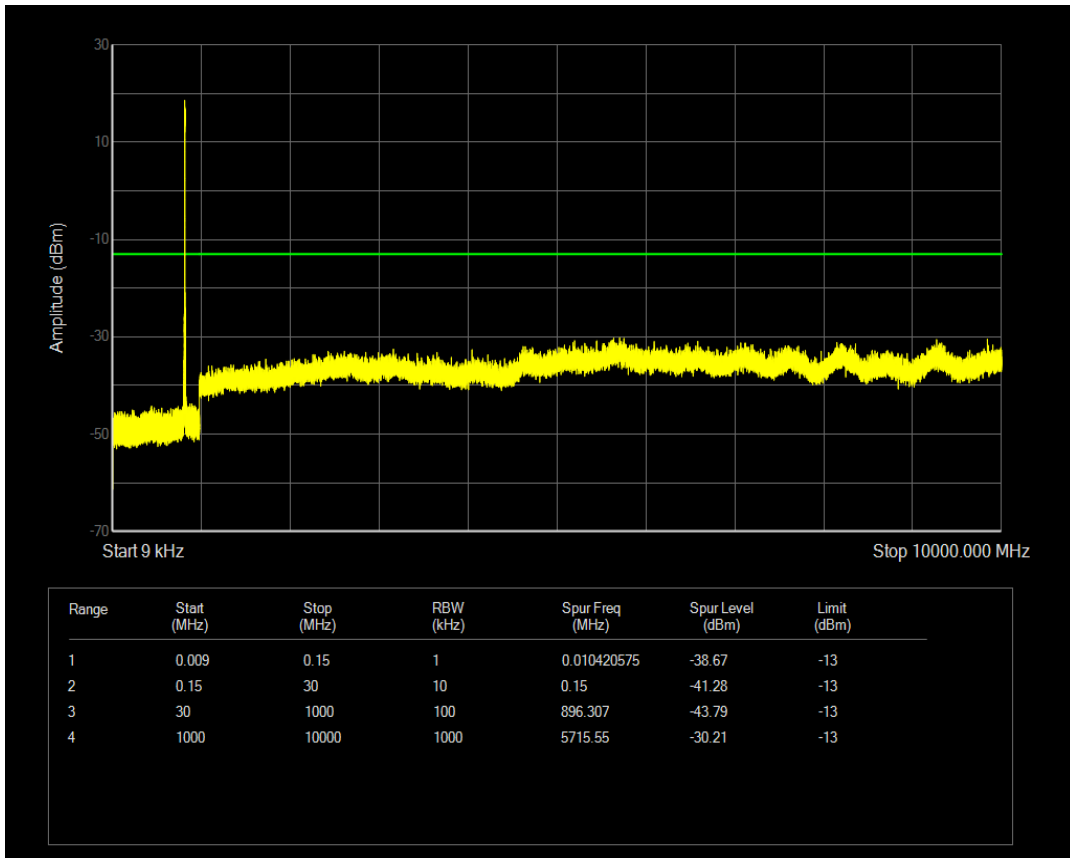


Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0

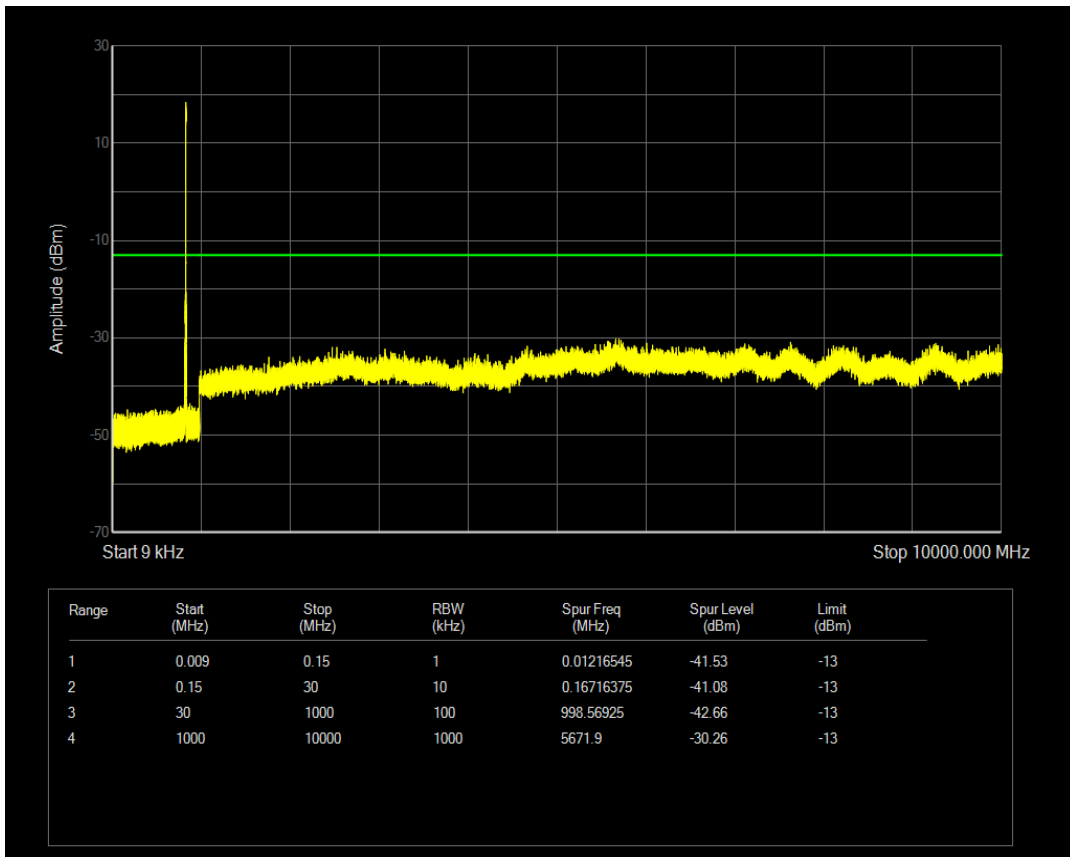


Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



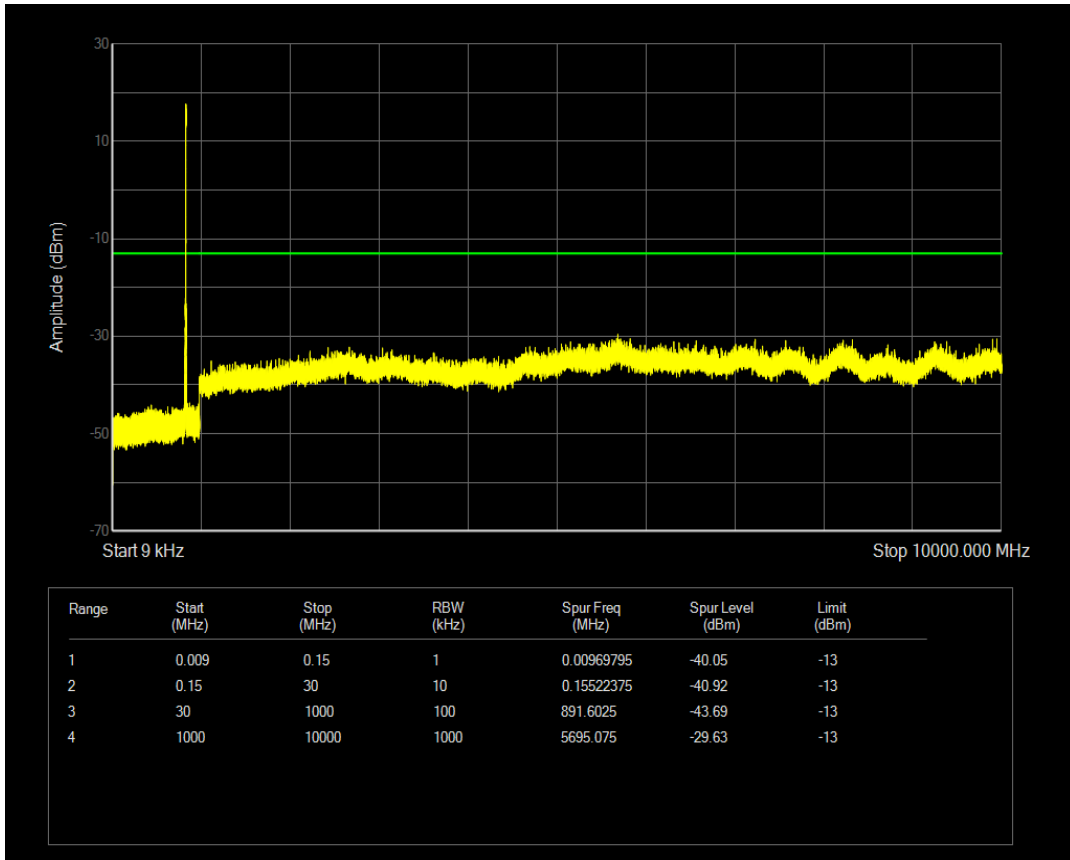


Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

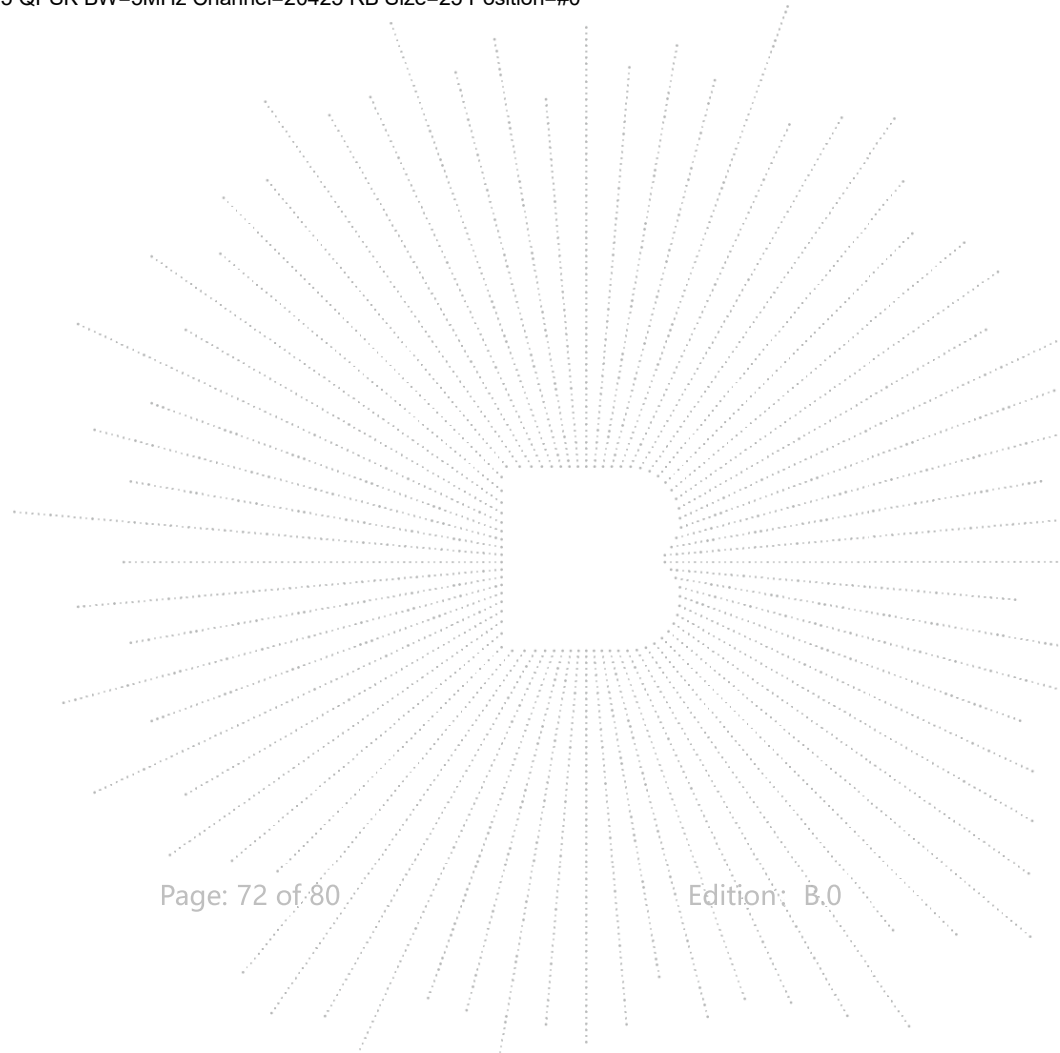


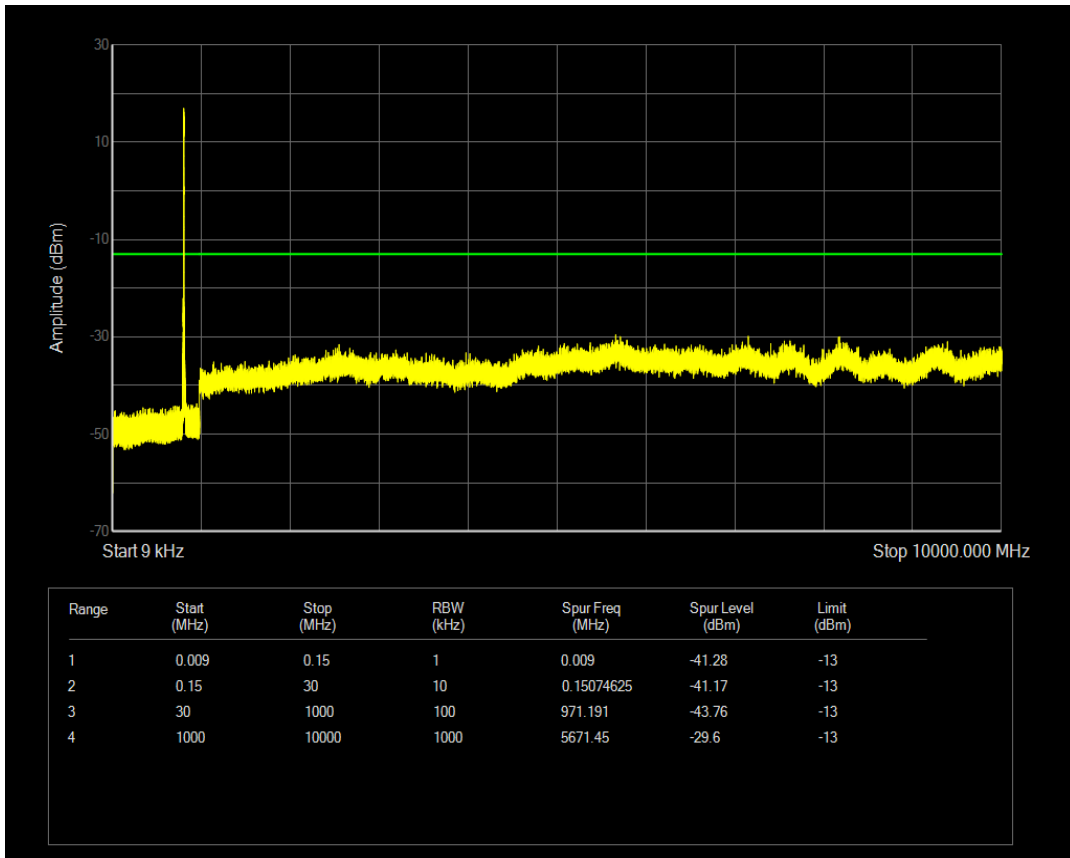


Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0

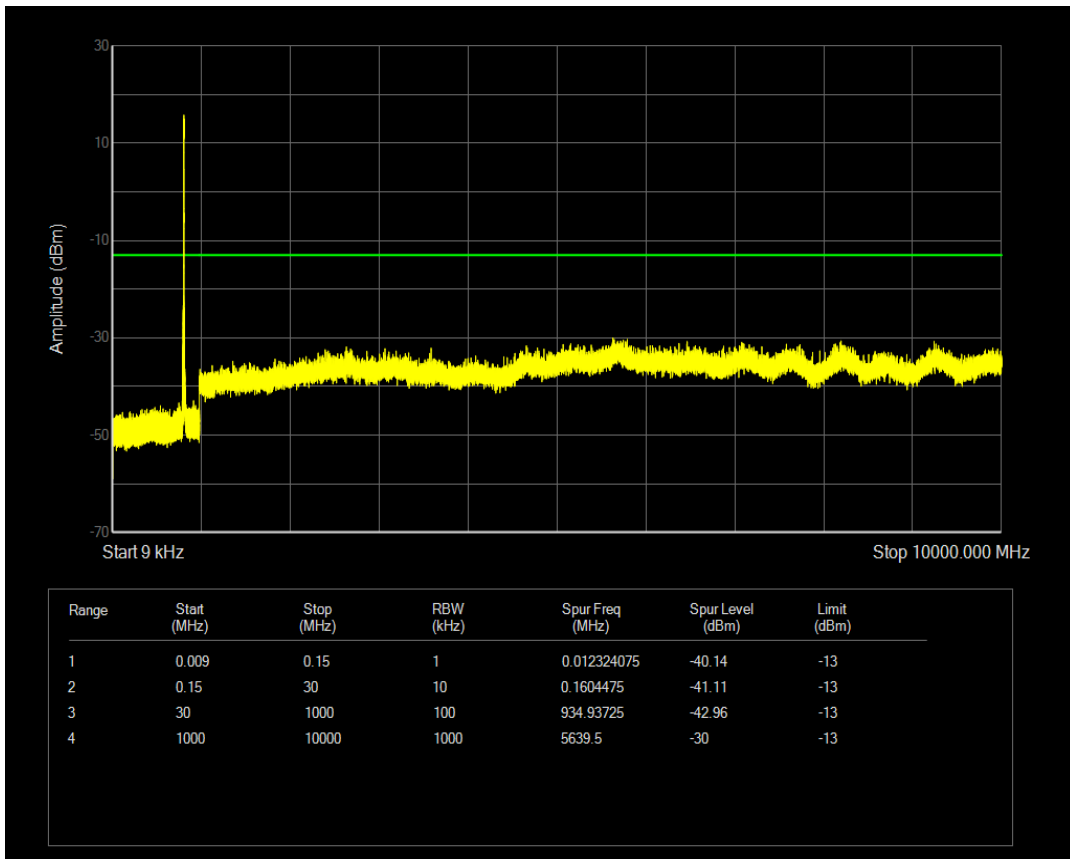


Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



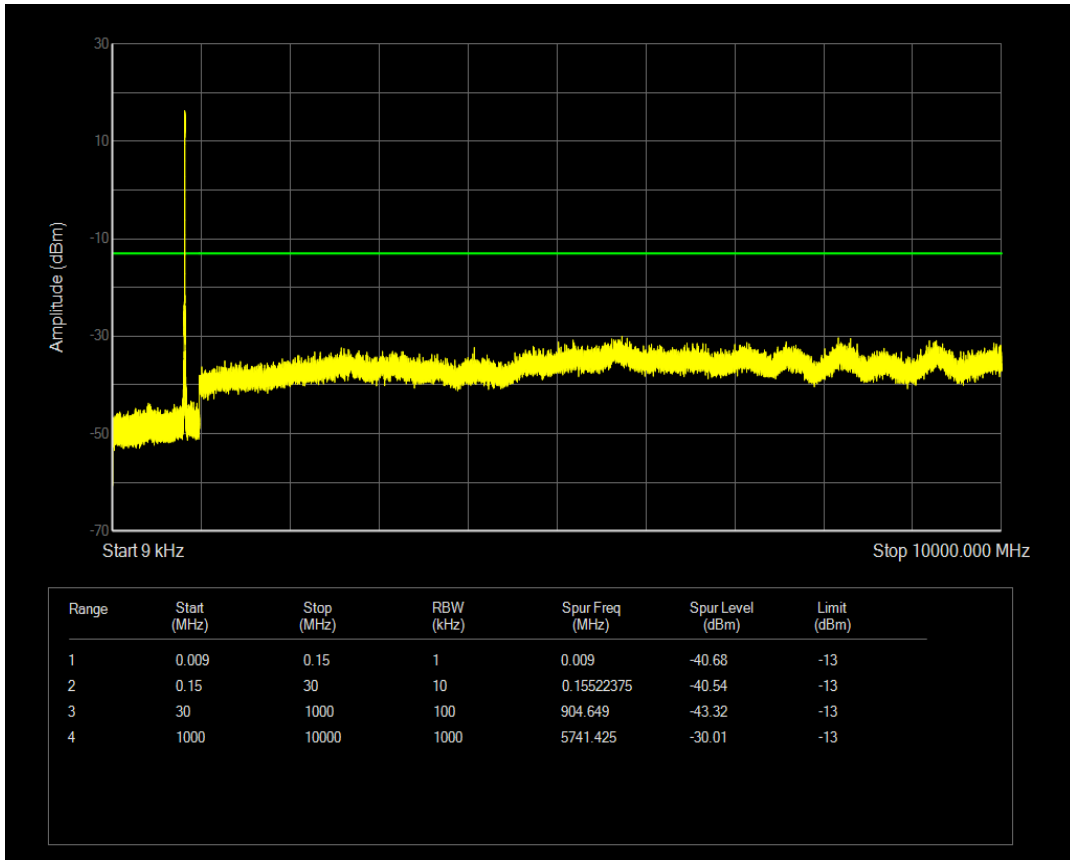


Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0

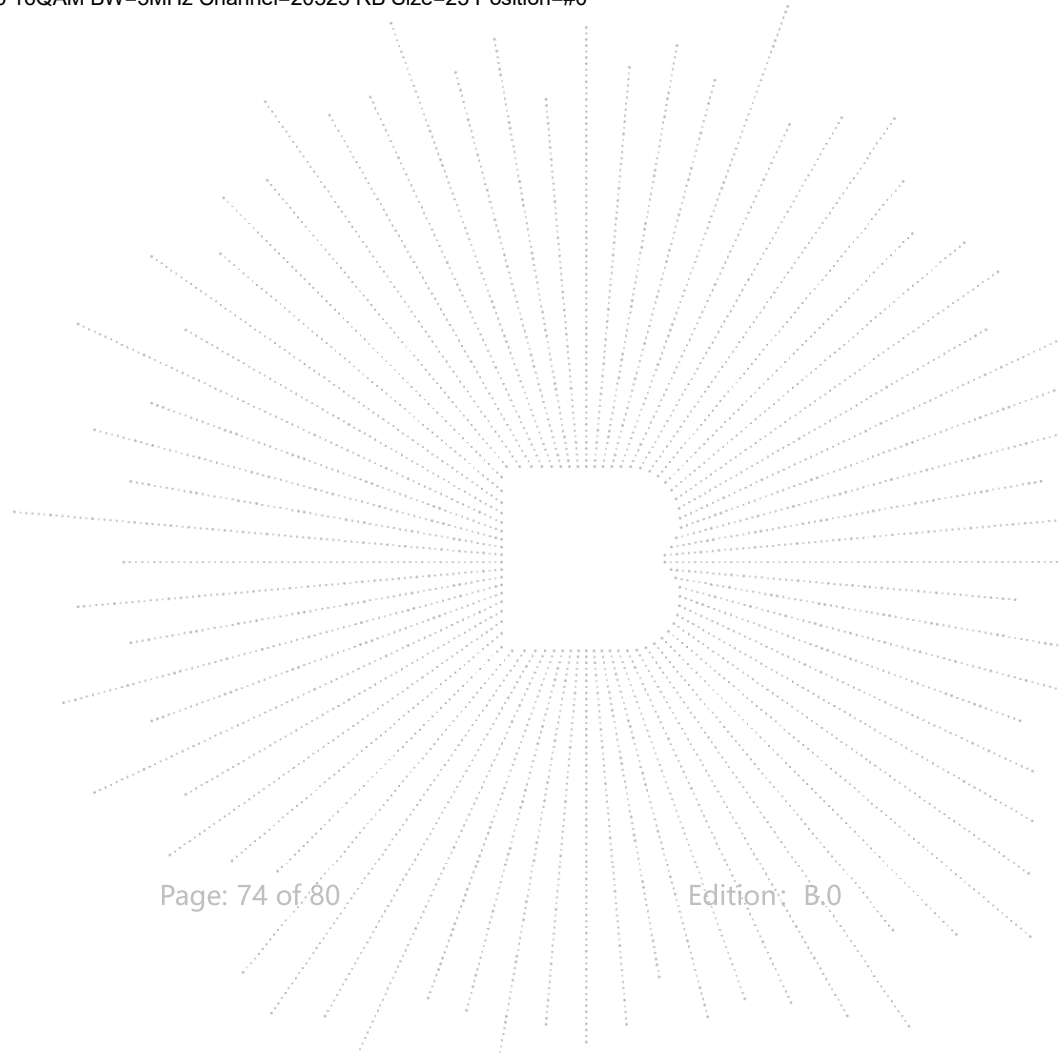


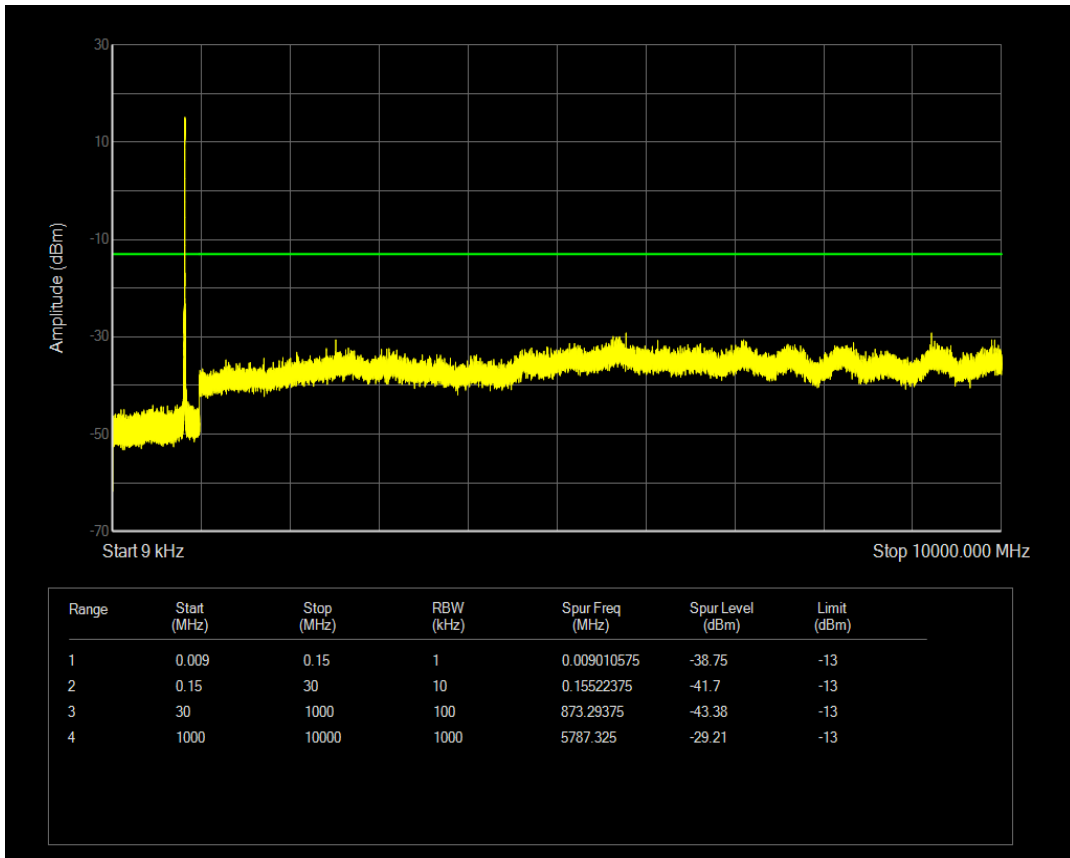


Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0

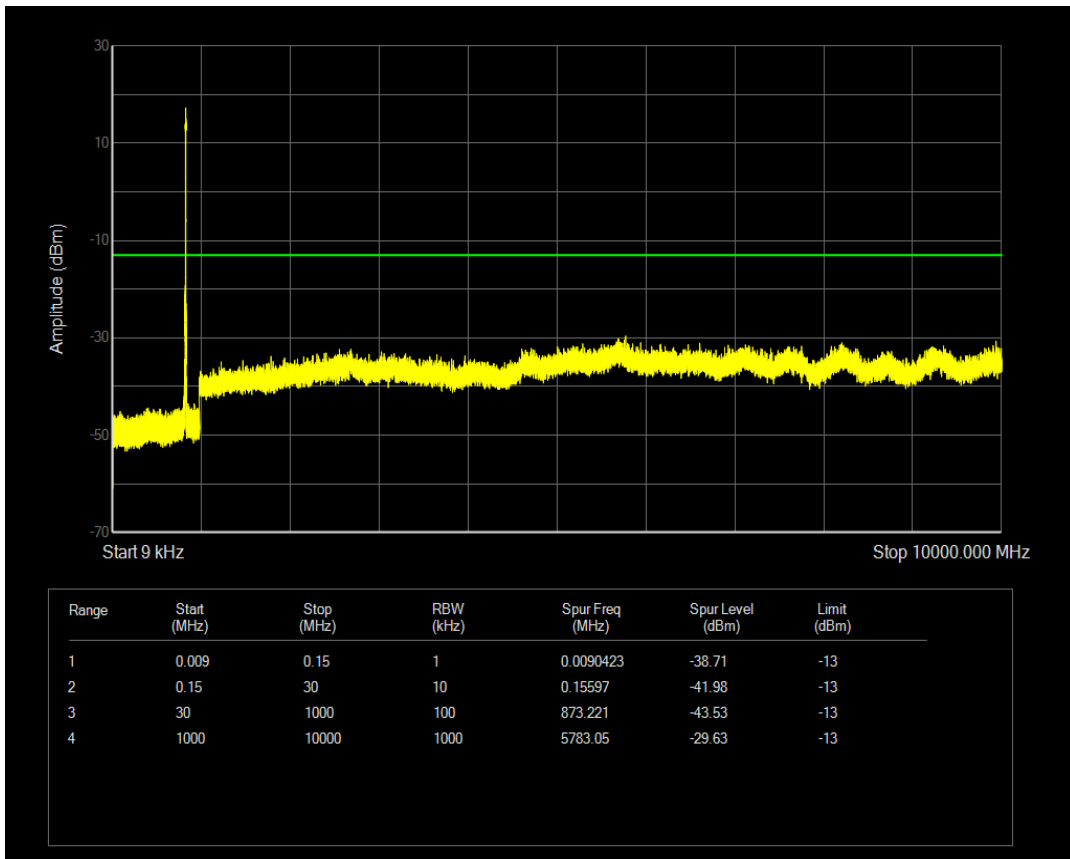


Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



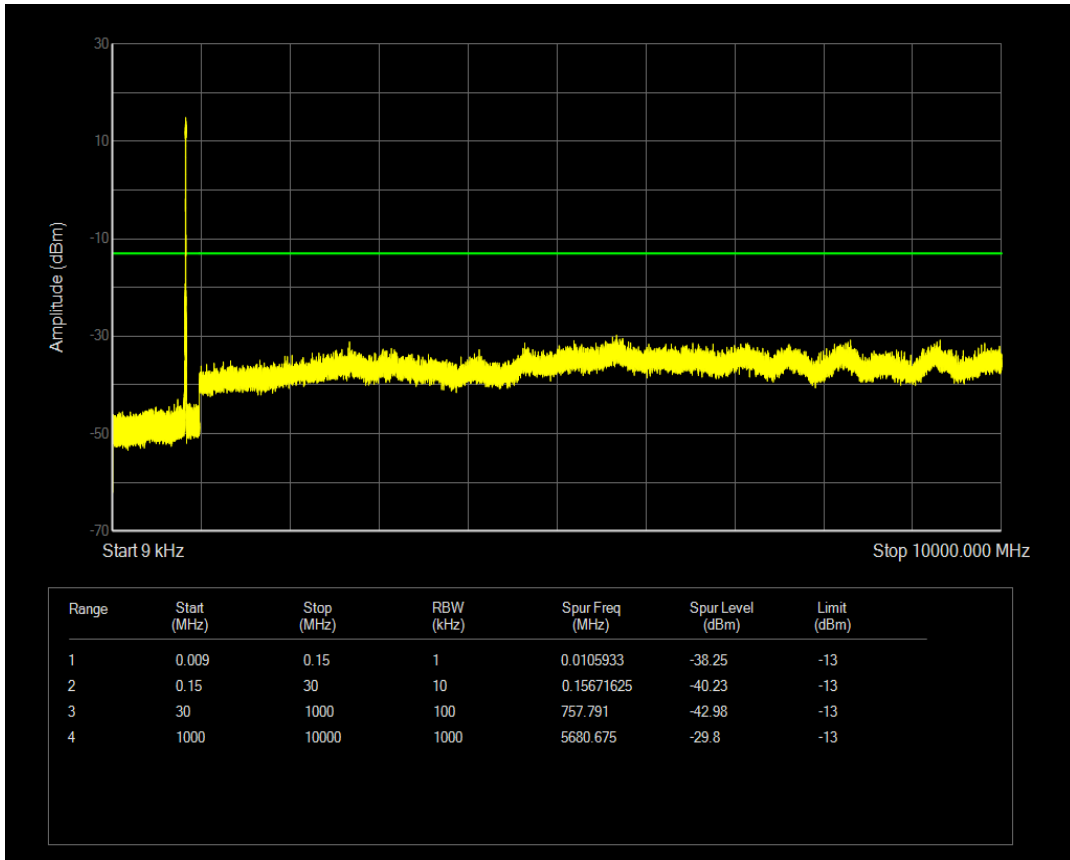


Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

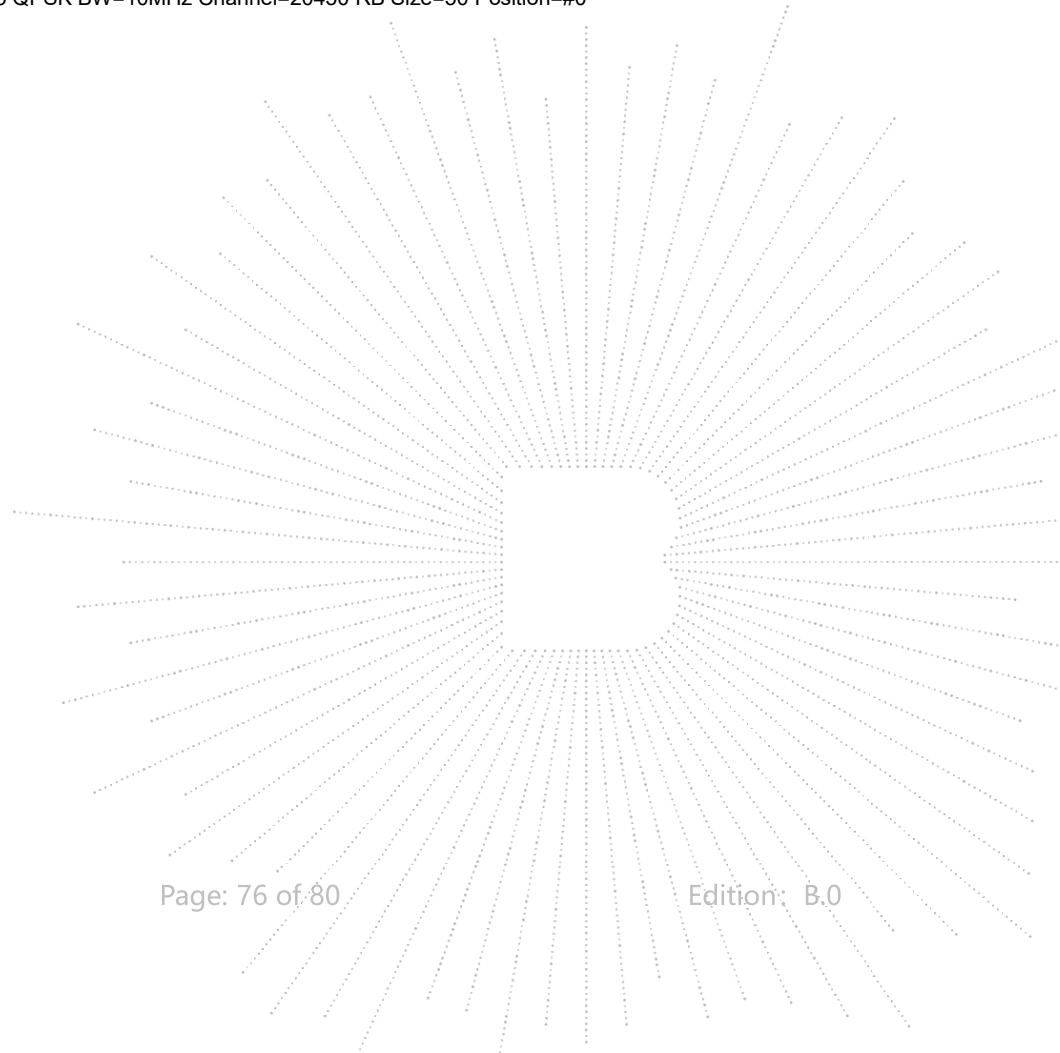


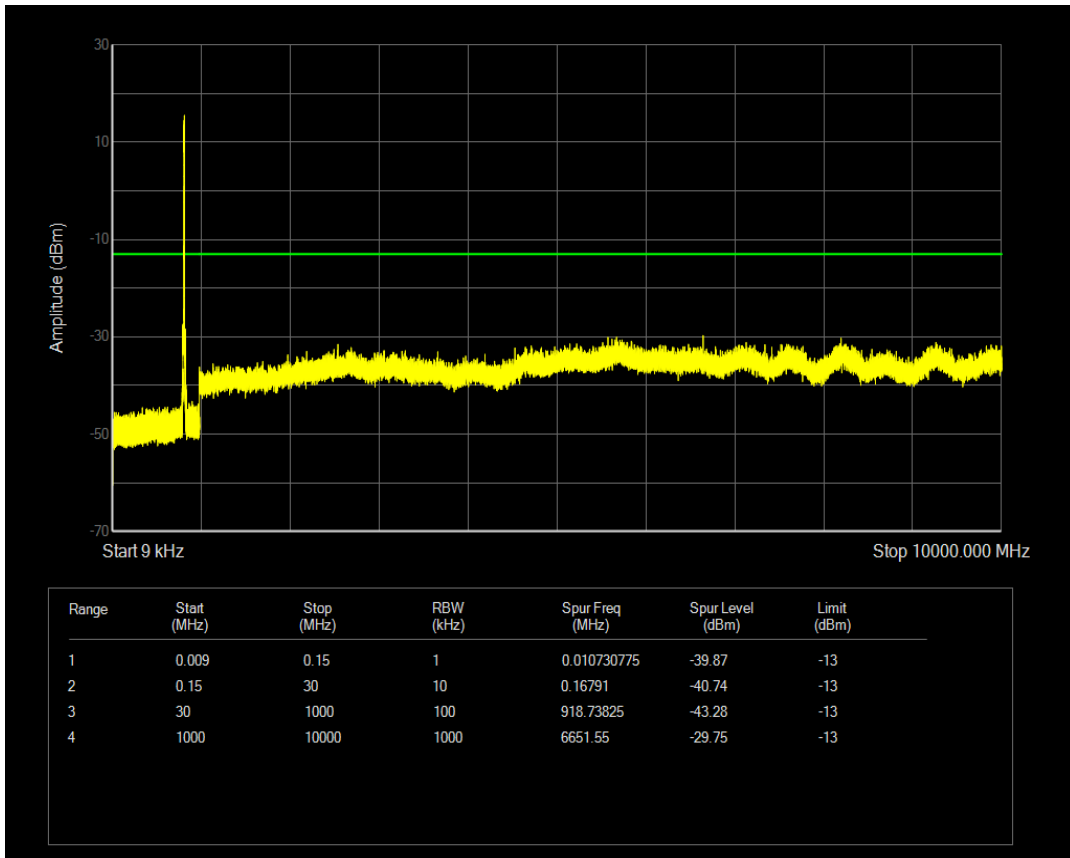


Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0

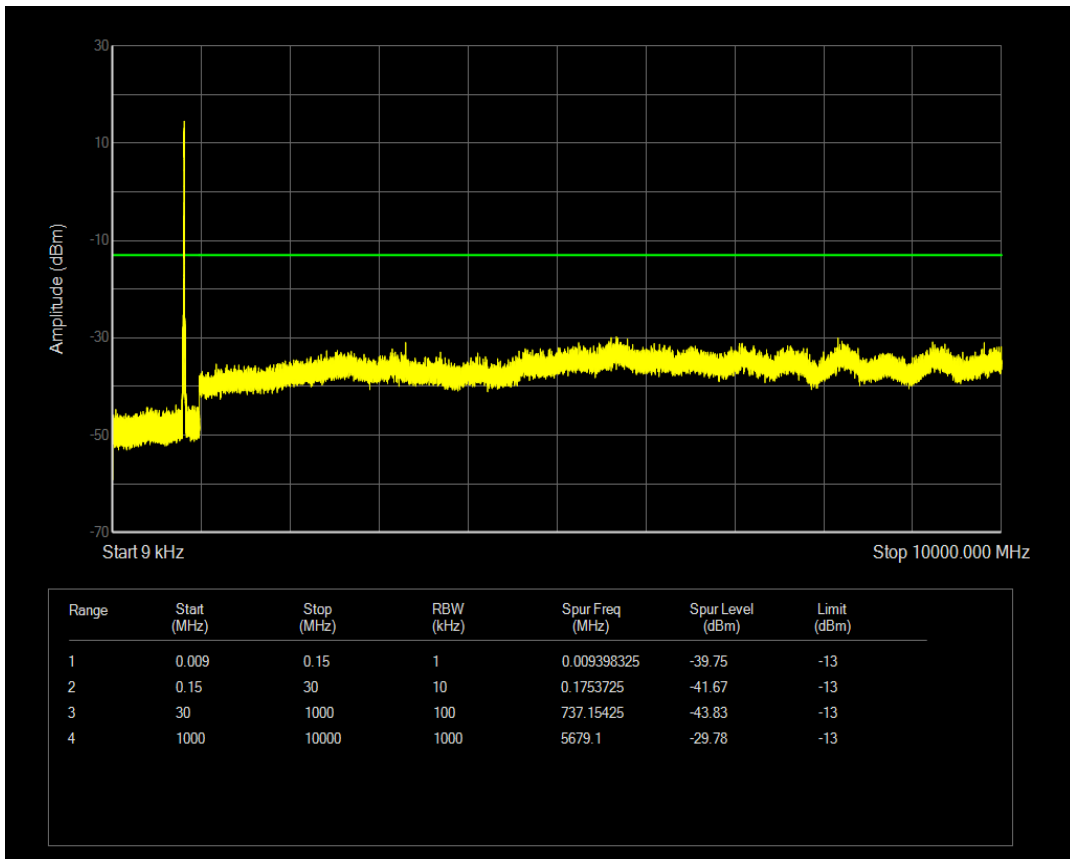


Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



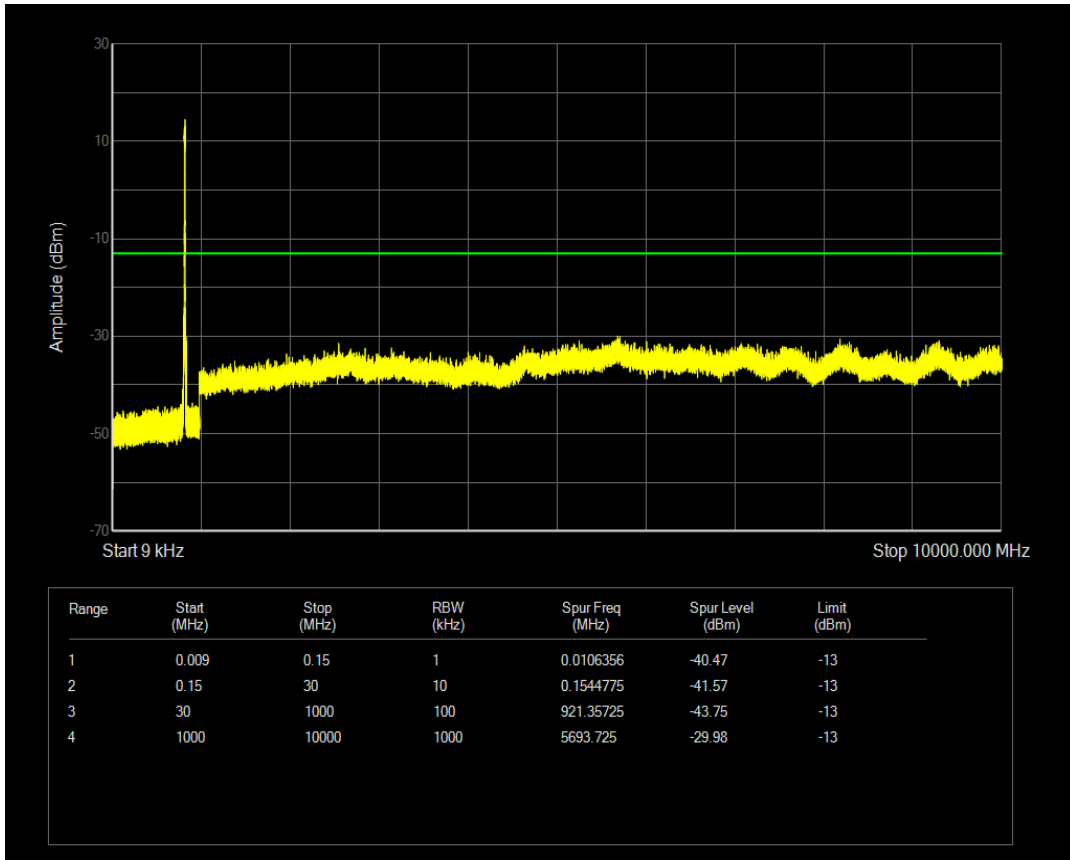


Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0

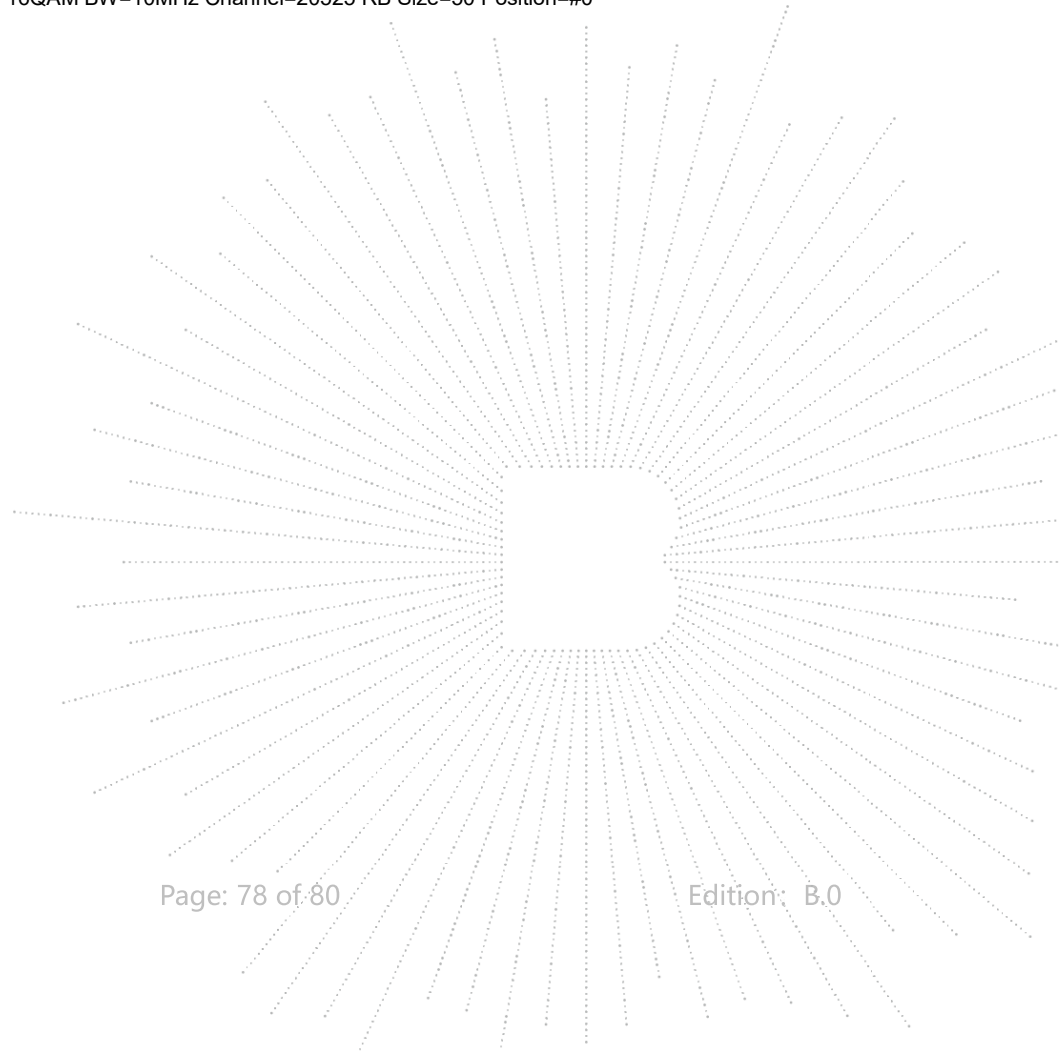


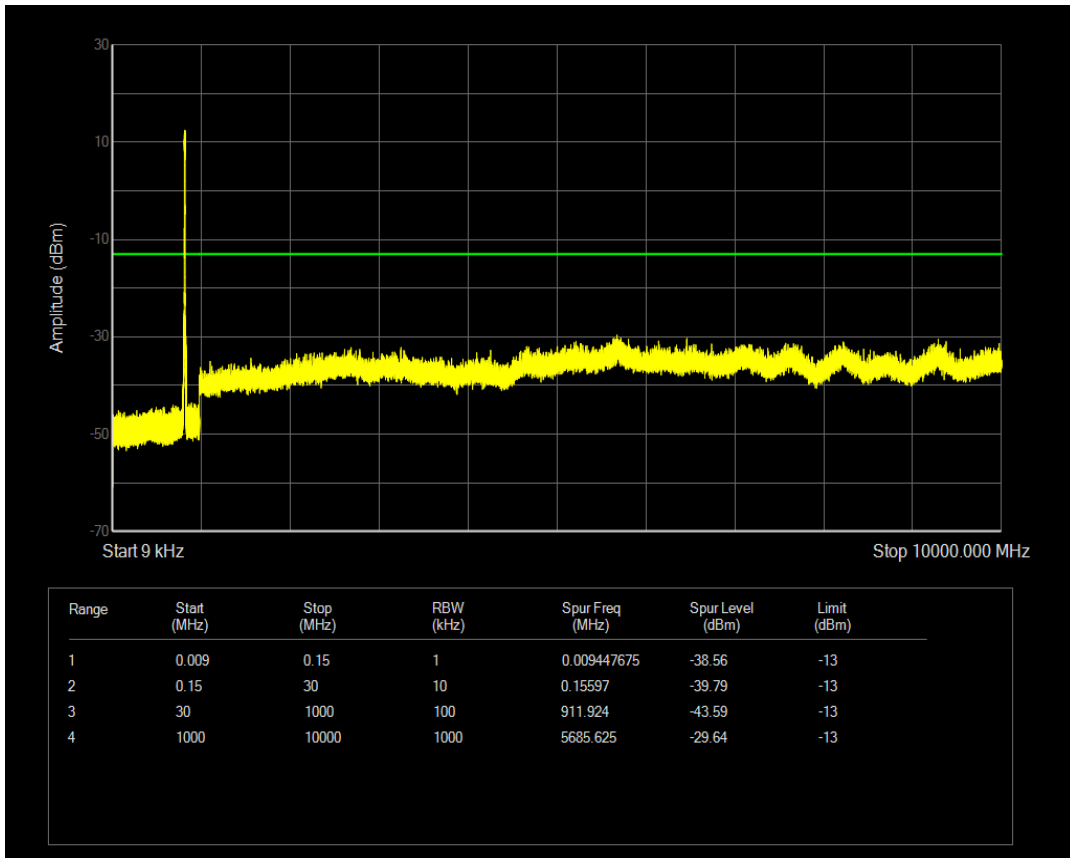


Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0

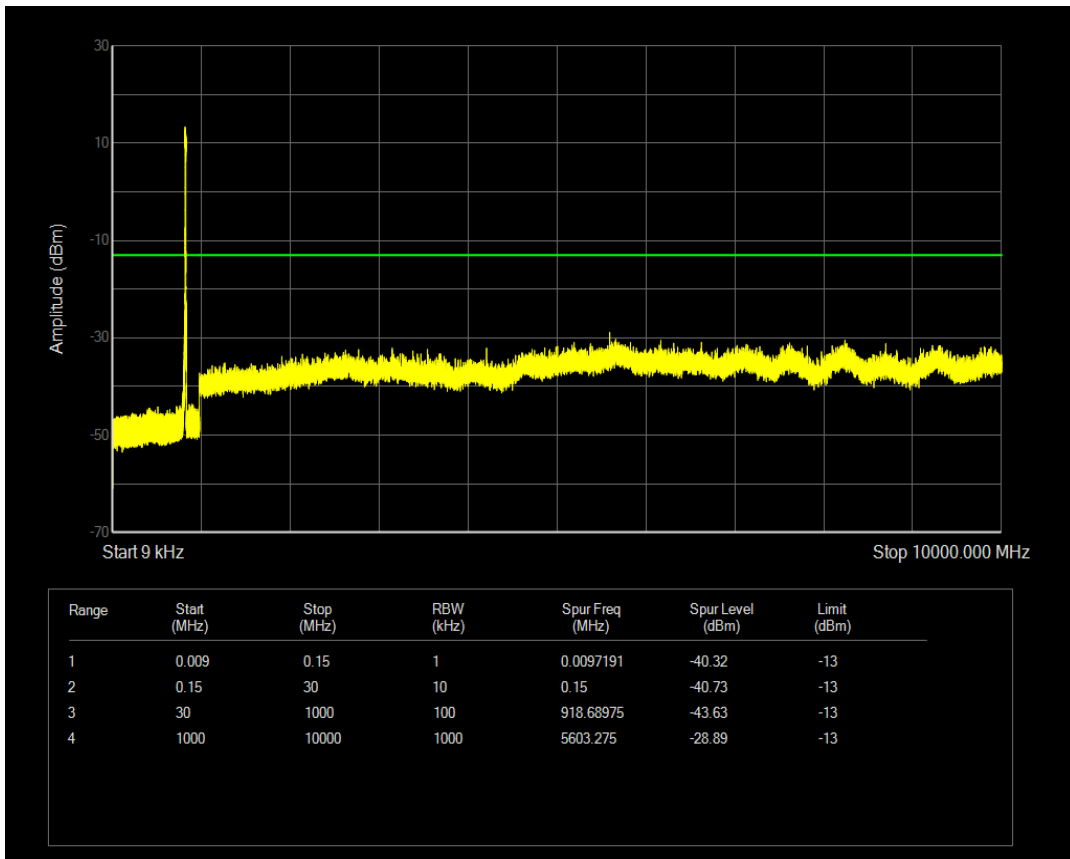


Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0





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





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

