

# Appendix for Band 5

Report No.: BCTC2307939313-6E

Applicant:

SHENZHEN YUNJI INTELLIGENT TECHNOLOGY  
CO.,LTD

Product Name:

Smart Phone

Model/Type  
reference:

WP30 Pro

Tested Date:

2023-07-26 to 2023-09-20

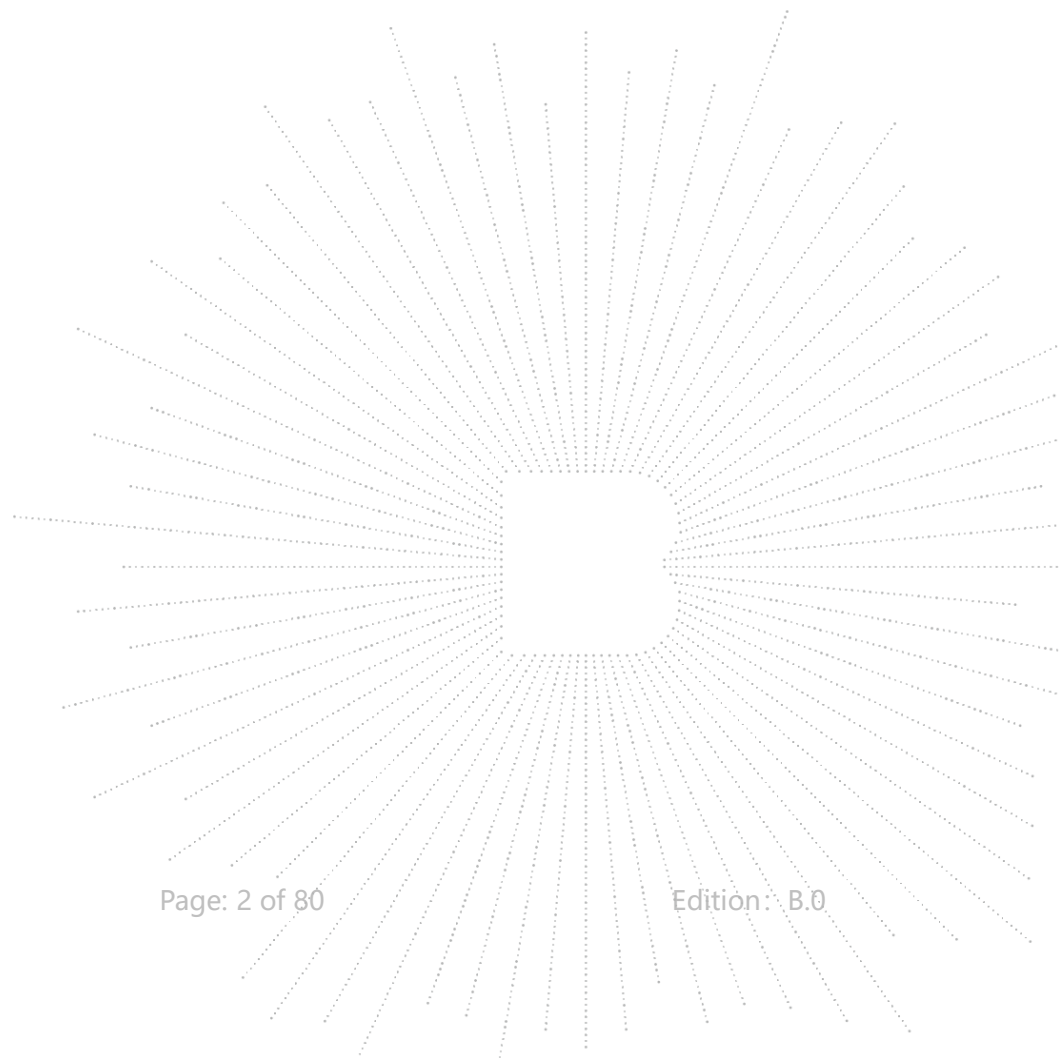
Issued Date:

2023-09-21

**Shenzhen BCTC Testing Co., Ltd.**

## Contents

Appendix 1. Conducted output power .....	3
Appendix 2. Frequency stability.....	8
Appendix 3. Peak-to-Average Ratio .....	18
Appendix 4. Occupied bandwidth.....	35
Appendix 5. Band edge .....	52
Appendix 6. Out-of-band emissions .....	64



## Appendix 1. Conducted output power

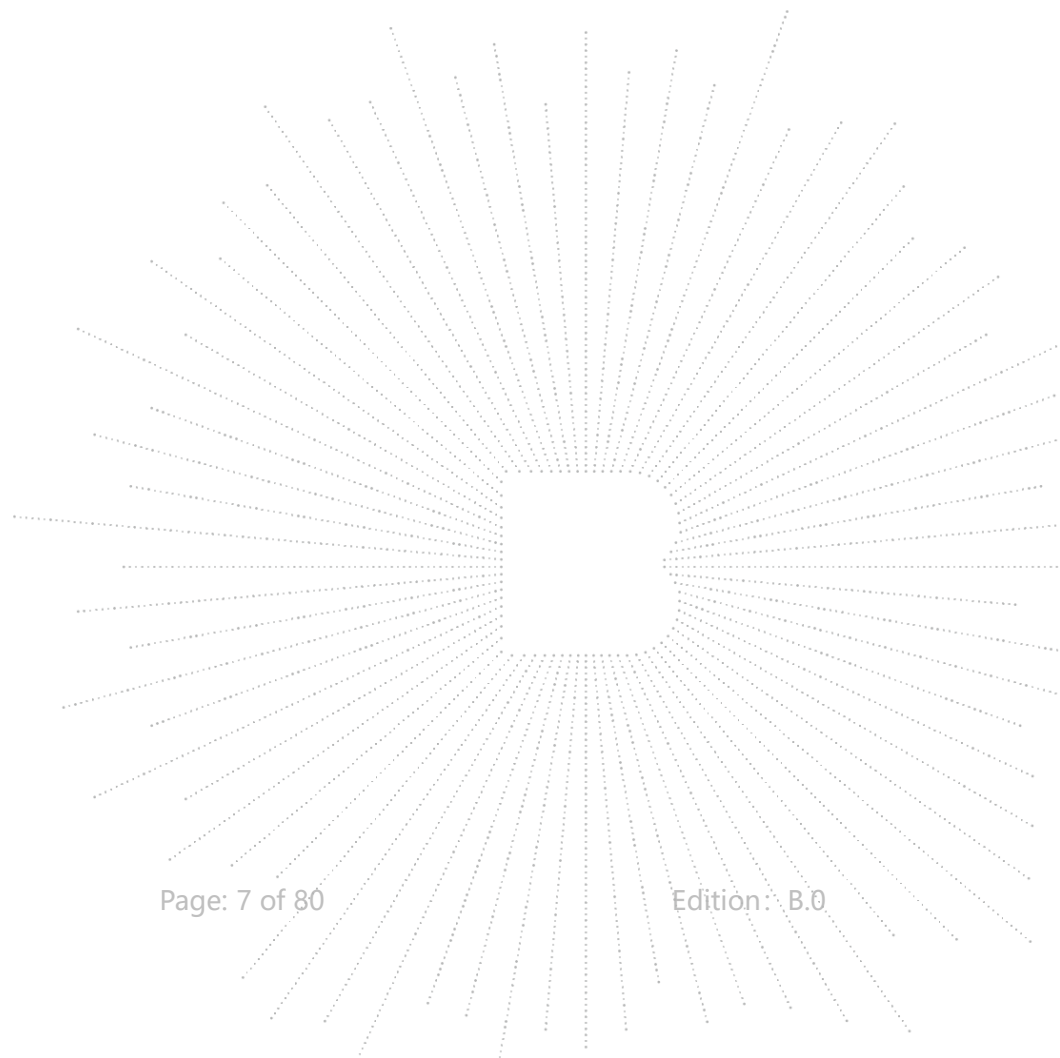
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	21.89	PASS
Band5	1.4	20407	1	#Mid	QPSK	21.96	PASS
Band5	1.4	20407	1	#Max	QPSK	21.78	PASS
Band5	1.4	20407	3	#0	QPSK	21.94	PASS
Band5	1.4	20407	3	#Mid	QPSK	21.93	PASS
Band5	1.4	20407	3	#Max	QPSK	21.92	PASS
Band5	1.4	20407	6	#0	QPSK	20.93	PASS
Band5	1.4	20407	1	#0	16QAM	20.40	PASS
Band5	1.4	20407	1	#Mid	16QAM	20.47	PASS
Band5	1.4	20407	1	#Max	16QAM	20.35	PASS
Band5	1.4	20407	3	#0	16QAM	21.09	PASS
Band5	1.4	20407	3	#Mid	16QAM	21.08	PASS
Band5	1.4	20407	3	#Max	16QAM	21.09	PASS
Band5	1.4	20407	6	#0	16QAM	20.05	PASS
Band5	1.4	20525	1	#0	QPSK	21.46	PASS
Band5	1.4	20525	1	#Mid	QPSK	21.55	PASS
Band5	1.4	20525	1	#Max	QPSK	21.55	PASS
Band5	1.4	20525	3	#0	QPSK	21.95	PASS
Band5	1.4	20525	3	#Mid	QPSK	21.94	PASS
Band5	1.4	20525	3	#Max	QPSK	21.95	PASS
Band5	1.4	20525	6	#0	QPSK	20.98	PASS
Band5	1.4	20525	1	#0	16QAM	20.67	PASS
Band5	1.4	20525	1	#Mid	16QAM	20.73	PASS
Band5	1.4	20525	1	#Max	16QAM	20.70	PASS
Band5	1.4	20525	3	#0	16QAM	21.17	PASS
Band5	1.4	20525	3	#Mid	16QAM	21.20	PASS
Band5	1.4	20525	3	#Max	16QAM	21.16	PASS
Band5	1.4	20525	6	#0	16QAM	20.18	PASS
Band5	1.4	20643	1	#0	QPSK	21.57	PASS
Band5	1.4	20643	1	#Mid	QPSK	21.65	PASS
Band5	1.4	20643	1	#Max	QPSK	21.58	PASS
Band5	1.4	20643	3	#0	QPSK	22.17	PASS
Band5	1.4	20643	3	#Mid	QPSK	22.14	PASS
Band5	1.4	20643	3	#Max	QPSK	22.16	PASS
Band5	1.4	20643	6	#0	QPSK	21.14	PASS
Band5	1.4	20643	1	#0	16QAM	20.88	PASS
Band5	1.4	20643	1	#Mid	16QAM	20.91	PASS

Band5	1.4	20643	1	#Max	16QAM	20.89	PASS
Band5	1.4	20643	3	#0	16QAM	21.37	PASS
Band5	1.4	20643	3	#Mid	16QAM	21.35	PASS
Band5	1.4	20643	3	#Max	16QAM	21.34	PASS
Band5	1.4	20643	6	#0	16QAM	20.41	PASS
Band5	3	20415	1	#0	QPSK	21.35	PASS
Band5	3	20415	1	#Mid	QPSK	21.38	PASS
Band5	3	20415	1	#Max	QPSK	21.29	PASS
Band5	3	20415	8	#0	QPSK	20.87	PASS
Band5	3	20415	8	#Mid	QPSK	20.83	PASS
Band5	3	20415	8	#Max	QPSK	20.83	PASS
Band5	3	20415	15	#0	QPSK	20.82	PASS
Band5	3	20415	1	#0	16QAM	20.83	PASS
Band5	3	20415	1	#Mid	16QAM	20.86	PASS
Band5	3	20415	1	#Max	16QAM	20.80	PASS
Band5	3	20415	8	#0	16QAM	19.93	PASS
Band5	3	20415	8	#Mid	16QAM	19.89	PASS
Band5	3	20415	8	#Max	16QAM	19.87	PASS
Band5	3	20415	15	#0	16QAM	19.87	PASS
Band5	3	20525	1	#0	QPSK	21.39	PASS
Band5	3	20525	1	#Mid	QPSK	21.41	PASS
Band5	3	20525	1	#Max	QPSK	21.44	PASS
Band5	3	20525	8	#0	QPSK	20.87	PASS
Band5	3	20525	8	#Mid	QPSK	20.93	PASS
Band5	3	20525	8	#Max	QPSK	20.94	PASS
Band5	3	20525	15	#0	QPSK	20.93	PASS
Band5	3	20525	1	#0	16QAM	20.66	PASS
Band5	3	20525	1	#Mid	16QAM	20.74	PASS
Band5	3	20525	1	#Max	16QAM	20.74	PASS
Band5	3	20525	8	#0	16QAM	19.92	PASS
Band5	3	20525	8	#Mid	16QAM	19.95	PASS
Band5	3	20525	8	#Max	16QAM	19.97	PASS
Band5	3	20525	15	#0	16QAM	19.91	PASS
Band5	3	20635	1	#0	QPSK	21.68	PASS
Band5	3	20635	1	#Mid	QPSK	21.73	PASS
Band5	3	20635	1	#Max	QPSK	21.70	PASS
Band5	3	20635	8	#0	QPSK	21.18	PASS
Band5	3	20635	8	#Mid	QPSK	21.17	PASS
Band5	3	20635	8	#Max	QPSK	21.18	PASS
Band5	3	20635	15	#0	QPSK	21.21	PASS
Band5	3	20635	1	#0	16QAM	20.64	PASS
Band5	3	20635	1	#Mid	16QAM	20.63	PASS

Band5	3	20635	1	#Max	16QAM	20.58	PASS
Band5	3	20635	8	#0	16QAM	20.21	PASS
Band5	3	20635	8	#Mid	16QAM	20.22	PASS
Band5	3	20635	8	#Max	16QAM	20.24	PASS
Band5	3	20635	15	#0	16QAM	20.27	PASS
Band5	5	20425	1	#0	QPSK	21.45	PASS
Band5	5	20425	1	#Mid	QPSK	21.39	PASS
Band5	5	20425	1	#Max	QPSK	21.43	PASS
Band5	5	20425	12	#0	QPSK	20.85	PASS
Band5	5	20425	12	#Mid	QPSK	20.81	PASS
Band5	5	20425	12	#Max	QPSK	20.80	PASS
Band5	5	20425	25	#0	QPSK	20.84	PASS
Band5	5	20425	1	#0	16QAM	20.84	PASS
Band5	5	20425	1	#Mid	16QAM	20.78	PASS
Band5	5	20425	1	#Max	16QAM	20.79	PASS
Band5	5	20425	12	#0	16QAM	19.82	PASS
Band5	5	20425	12	#Mid	16QAM	19.76	PASS
Band5	5	20425	12	#Max	16QAM	19.72	PASS
Band5	5	20425	25	#0	16QAM	19.87	PASS
Band5	5	20525	1	#0	QPSK	21.44	PASS
Band5	5	20525	1	#Mid	QPSK	21.46	PASS
Band5	5	20525	1	#Max	QPSK	21.54	PASS
Band5	5	20525	12	#0	QPSK	21.00	PASS
Band5	5	20525	12	#Mid	QPSK	20.97	PASS
Band5	5	20525	12	#Max	QPSK	20.97	PASS
Band5	5	20525	25	#0	QPSK	20.95	PASS
Band5	5	20525	1	#0	16QAM	20.78	PASS
Band5	5	20525	1	#Mid	16QAM	20.81	PASS
Band5	5	20525	1	#Max	16QAM	20.91	PASS
Band5	5	20525	12	#0	16QAM	20.01	PASS
Band5	5	20525	12	#Mid	16QAM	19.98	PASS
Band5	5	20525	12	#Max	16QAM	19.97	PASS
Band5	5	20525	25	#0	16QAM	19.94	PASS
Band5	5	20625	1	#0	QPSK	21.77	PASS
Band5	5	20625	1	#Mid	QPSK	21.82	PASS
Band5	5	20625	1	#Max	QPSK	21.81	PASS
Band5	5	20625	12	#0	QPSK	21.26	PASS
Band5	5	20625	12	#Mid	QPSK	21.22	PASS
Band5	5	20625	12	#Max	QPSK	21.12	PASS
Band5	5	20625	25	#0	QPSK	21.22	PASS
Band5	5	20625	1	#0	16QAM	21.18	PASS
Band5	5	20625	1	#Mid	16QAM	21.17	PASS

Band5	5	20625	1	#Max	16QAM	21.18	PASS
Band5	5	20625	12	#0	16QAM	20.24	PASS
Band5	5	20625	12	#Mid	16QAM	20.17	PASS
Band5	5	20625	12	#Max	16QAM	20.09	PASS
Band5	5	20625	25	#0	16QAM	20.19	PASS
Band5	10	20450	1	#0	QPSK	21.36	PASS
Band5	10	20450	1	#Mid	QPSK	21.33	PASS
Band5	10	20450	1	#Max	QPSK	21.36	PASS
Band5	10	20450	25	#0	QPSK	20.80	PASS
Band5	10	20450	25	#Mid	QPSK	20.79	PASS
Band5	10	20450	25	#Max	QPSK	20.80	PASS
Band5	10	20450	50	#0	QPSK	20.83	PASS
Band5	10	20450	1	#0	16QAM	20.56	PASS
Band5	10	20450	1	#Mid	16QAM	20.52	PASS
Band5	10	20450	1	#Max	16QAM	20.56	PASS
Band5	10	20450	25	#0	16QAM	19.78	PASS
Band5	10	20450	25	#Mid	16QAM	19.82	PASS
Band5	10	20450	25	#Max	16QAM	19.83	PASS
Band5	10	20450	50	#0	16QAM	19.84	PASS
Band5	10	20525	1	#0	QPSK	21.43	PASS
Band5	10	20525	1	#Mid	QPSK	21.55	PASS
Band5	10	20525	1	#Max	QPSK	21.64	PASS
Band5	10	20525	25	#0	QPSK	20.94	PASS
Band5	10	20525	25	#Mid	QPSK	20.98	PASS
Band5	10	20525	25	#Max	QPSK	21.05	PASS
Band5	10	20525	50	#0	QPSK	21.01	PASS
Band5	10	20525	1	#0	16QAM	20.30	PASS
Band5	10	20525	1	#Mid	16QAM	20.41	PASS
Band5	10	20525	1	#Max	16QAM	20.51	PASS
Band5	10	20525	25	#0	16QAM	19.94	PASS
Band5	10	20525	25	#Mid	16QAM	19.98	PASS
Band5	10	20525	25	#Max	16QAM	20.02	PASS
Band5	10	20525	50	#0	16QAM	20.00	PASS
Band5	10	20600	1	#0	QPSK	21.55	PASS
Band5	10	20600	1	#Mid	QPSK	21.67	PASS
Band5	10	20600	1	#Max	QPSK	21.75	PASS
Band5	10	20600	25	#0	QPSK	21.09	PASS
Band5	10	20600	25	#Mid	QPSK	21.17	PASS
Band5	10	20600	25	#Max	QPSK	21.09	PASS
Band5	10	20600	50	#0	QPSK	21.12	PASS
Band5	10	20600	1	#0	16QAM	20.96	PASS
Band5	10	20600	1	#Mid	16QAM	21.06	PASS

Band5	10	20600	1	#Max	16QAM	21.14	PASS
Band5	10	20600	25	#0	16QAM	20.13	PASS
Band5	10	20600	25	#Mid	16QAM	20.18	PASS
Band5	10	20600	25	#Max	16QAM	20.10	PASS
Band5	10	20600	50	#0	16QAM	20.09	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	-7.58	-0.009	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	NT	-7.48	-0.009	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	HV	NT	-1.53	-0.002	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	LV	NT	-2.68	-0.003	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	NT	-3.16	-0.004	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	HV	NT	-3.40	-0.004	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	LV	NT	-3.13	-0.004	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	NT	-5.89	-0.007	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	HV	NT	-3.06	-0.004	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	LV	NT	-0.19	0.000	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	NT	0.21	0.000	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	HV	NT	-5.02	-0.006	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	LV	NT	-4.75	-0.006	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	NT	-3.99	-0.005	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	HV	NT	-3.13	-0.004	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	LV	NT	2.70	0.003	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	NT	2.88	0.003	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	HV	NT	-9.11	-0.011	-2.5	2.5	PASS



5												
Band 5	3	20415	15	#0	QPSK	LV	NT	4.28	0.005	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	NT	-0.30	0.000	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	HV	NT	-4.08	-0.005	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	LV	NT	-5.22	-0.006	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	NT	0.17	0.000	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	HV	NT	-6.71	-0.008	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	LV	NT	0.20	0.000	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	NT	-3.10	-0.004	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	HV	NT	-1.44	-0.002	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	LV	NT	-0.23	0.000	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	NT	1.33	0.002	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	HV	NT	-4.22	-0.005	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	LV	NT	-0.27	0.000	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	NT	2.86	0.003	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	HV	NT	-2.99	-0.004	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	LV	NT	1.60	0.002	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	NT	-1.02	-0.001	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	HV	NT	1.36	0.002	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	LV	NT	-5.74	-0.007	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	NT	-3.73	-0.005	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	HV	NT	-1.92	-0.002	-2.5	2.5	PASS

Band 5	5	20425	25	#0	16QAM	LV	NT	0.66	0.001	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	NT	-1.72	-0.00 2	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	HV	NT	-0.31	0.000	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	LV	NT	-1.95	-0.00 2	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	NT	-1.36	-0.00 2	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	HV	NT	-0.83	-0.00 1	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	LV	NT	0.70	0.001	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	NT	-3.88	-0.00 5	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	HV	NT	-2.82	-0.00 3	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	LV	NT	0.31	0.000	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	NT	3.05	0.004	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	HV	NT	0.49	0.001	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	LV	NT	-10.8	-0.01 9 3	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	NT	-0.50	-0.00 1	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	HV	NT	0.43	0.001	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	LV	NT	-1.53	-0.00 2	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	NT	-1.10	-0.00 1	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	HV	NT	-2.30	-0.00 3	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	LV	NT	-1.13	-0.00 1	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	NT	2.25	0.003	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	HV	NT	0.34	0.000	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	LV	NT	-2.32	-0.00	-2.5	2.5	PASS

5									3			
Band 5	10	20525	50	#0	QPSK	NV	NT	0.63	0.001	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	HV	NT	-0.34	0.000	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	LV	NT	-3.12	-0.00	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	NT	-2.72	-0.00	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	HV	NT	-4.85	-0.00	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	LV	NT	-2.10	-0.00	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	NT	-1.00	-0.00	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	HV	NT	0.51	0.001	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	LV	NT	-1.33	-0.00	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	NT	-2.05	-0.00	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	HV	NT	-2.45	-0.00	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	-30	5.34	0.006	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	-20	1.86	0.002	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	0	-4.42	-0.00	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	10	-1.63	-0.00	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	20	-8.01	-0.01	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	-30	-4.39	-0.00	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	-20	4.41	0.005	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	0	3.75	0.005	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	10	1.17	0.001	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	20	1.22	0.001	-2.5	2.5	PASS

Band 5	1.4	20525	6	#0	QPSK	NV	-30	-3.29	-0.00 4	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	-20	-2.73	-0.00 3	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	0	-2.49	-0.00 3	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	10	-2.69	-0.00 3	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	20	-0.96	-0.00 1	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	-30	3.56	0.004	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	-20	3.96	0.005	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	0	-0.40	0.000	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	10	2.42	0.003	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	20	0.31	0.000	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	-30	2.60	0.003	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	-20	2.45	0.003	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	0	2.66	0.003	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	10	-4.08	-0.00 5	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	20	5.58	0.007	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	-30	-0.64	-0.00 1	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	-20	1.06	0.001	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	0	5.16	0.006	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	10	-3.43	-0.00 4	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	20	1.22	0.001	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	-30	-1.82	-0.00 2	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	-20	1.30	0.002	-2.5	2.5	PASS

5												
Band 5	3	20415	15	#0	QPSK	NV	0	4.21	0.005	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	10	5.18	0.006	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	20	3.05	0.004	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	-30	-1.90	-0.002	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	-20	5.64	0.007	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	0	-5.31	-0.006	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	10	-4.42	-0.005	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	20	1.77	0.002	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	-30	-6.42	-0.008	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	-20	-11.16	-0.003	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	0	0.37	0.000	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	10	-7.61	-0.009	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	20	-3.49	-0.004	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	-30	-0.13	0.000	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	-20	-3.75	-0.004	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	0	-4.33	-0.005	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	10	4.09	0.005	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	20	4.84	0.006	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	-30	-0.59	-0.001	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	-20	-0.34	0.000	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	0	-1.04	-0.001	-2.5	2.5	PASS

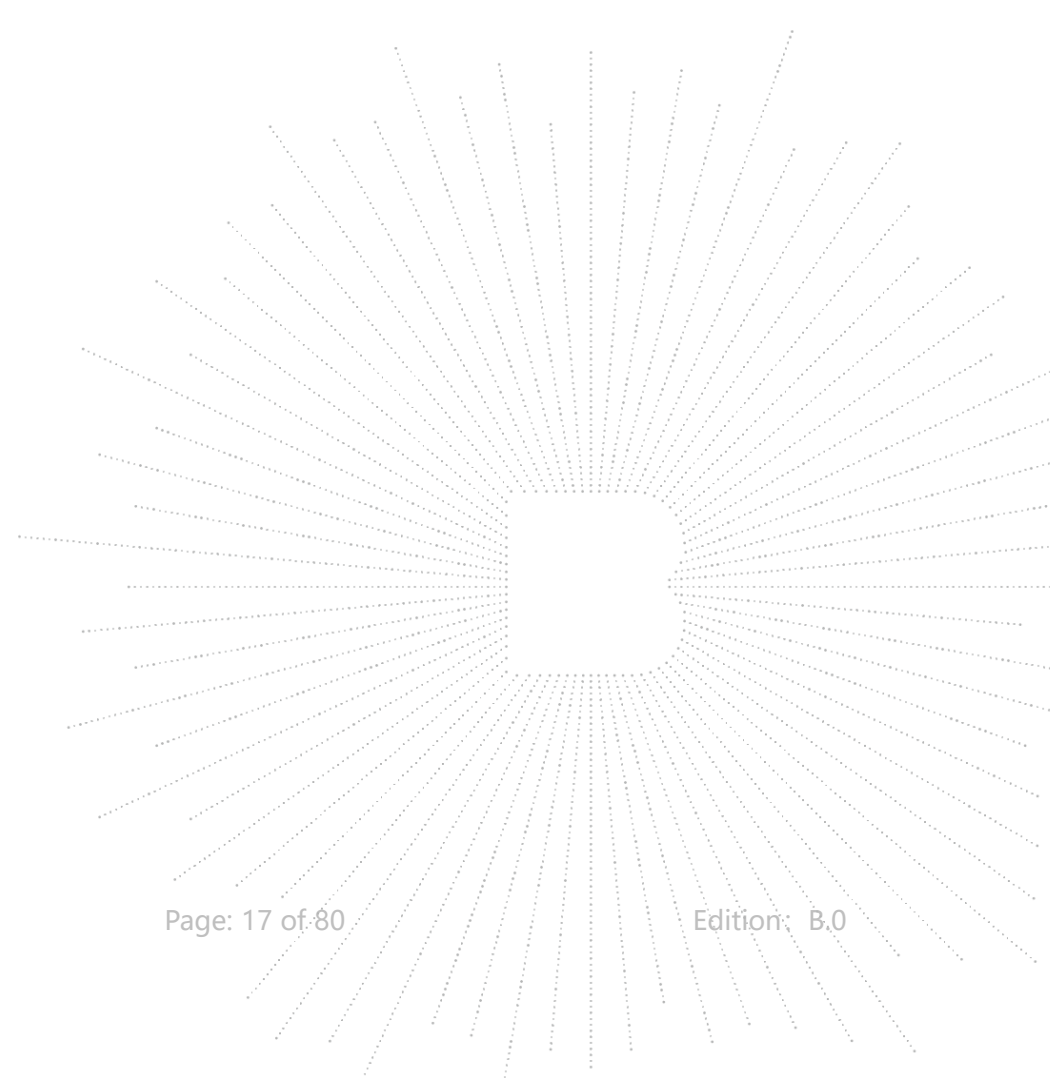
Band 5	3	20635	15	#0	QPSK	NV	10	-1.23	-0.00 1	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	20	-0.53	-0.00 1	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	-30	-1.02	-0.00 1	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	-20	-0.90	-0.00 1	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	0	2.49	0.003	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	10	2.43	0.003	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	20	2.60	0.003	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	-30	2.16	0.003	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	-20	1.83	0.002	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	0	-2.46	-0.00 3	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	10	-3.35	-0.00 4	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	20	-0.50	-0.00 1	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	-30	7.98	0.010	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	-20	-3.75	-0.00 5	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	0	-4.96	-0.00 6	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	10	3.62	0.004	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	20	-5.36	-0.00 6	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	-30	0.80	0.001	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	-20	-2.53	-0.00 3	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	0	-4.02	-0.00 5	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	10	5.45	0.007	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	20	-4.23	-0.00	-2.5	2.5	PASS

5									5			
Band 5	5	20525	25	#0	16QAM	NV	-30	5.14	0.006	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	-20	-3.45	-0.004	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	0	-1.19	-0.001	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	10	-6.84	-0.008	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	20	-4.12	-0.005	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	-30	-1.19	-0.001	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	-20	-3.06	-0.004	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	0	-0.04	0.000	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	10	0.66	0.001	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	20	-2.53	-0.003	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	-30	2.13	0.003	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	-20	-4.71	-0.006	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	0	1.85	0.002	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	10	0.49	0.001	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	20	1.42	0.002	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	-30	-5.21	-0.006	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	-20	-0.82	-0.001	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	0	-1.69	-0.002	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	10	-1.12	-0.001	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	20	-3.18	-0.004	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	-30	-5.11	-0.006	-2.5	2.5	PASS

Band 5	10	20450	50	#0	16QAM	NV	-20	-2.66	-0.00 3	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	0	-1.96	-0.00 2	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	10	-0.26	0.000	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	20	-2.60	-0.00 3	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	-30	-1.67	-0.00 2	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	-20	-1.85	-0.00 2	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	0	-2.20	-0.00 3	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	10	-1.49	-0.00 2	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	20	-2.40	-0.00 3	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	-30	-1.36	-0.00 2	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	-20	-2.16	-0.00 3	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	0	-0.43	-0.00 1	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	10	0.34	0.000	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	20	-0.47	-0.00 1	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	-30	-6.07	-0.00 7	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	-20	-2.30	-0.00 3	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	0	-2.65	-0.00 3	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	10	-1.22	-0.00 1	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	20	1.54	0.002	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	-30	0.03	0.000	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	-20	-4.19	-0.00 5	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	0	-3.68	-0.00	-2.5	2.5	PASS



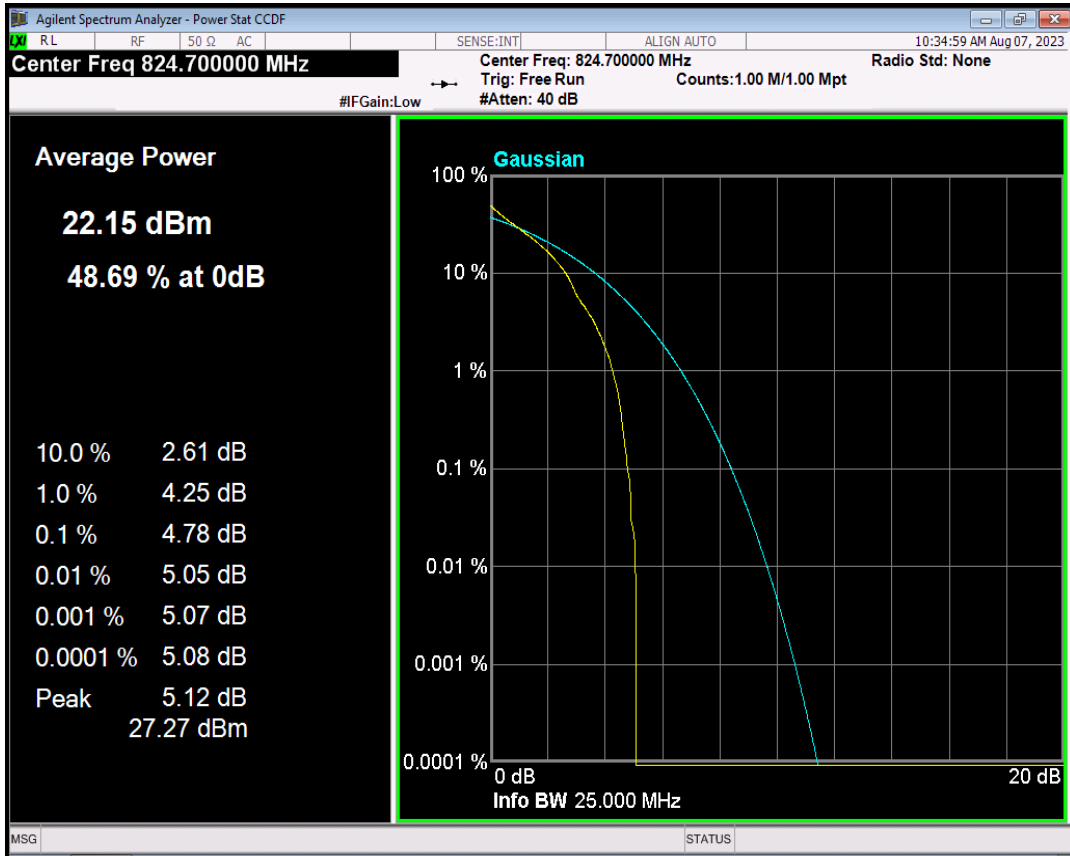
5									4			
Band 5	10	20600	50	#0	16QAM	NV	10	-5.79	-0.00 7	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	20	0.39	0.000	-2.5	2.5	PASS



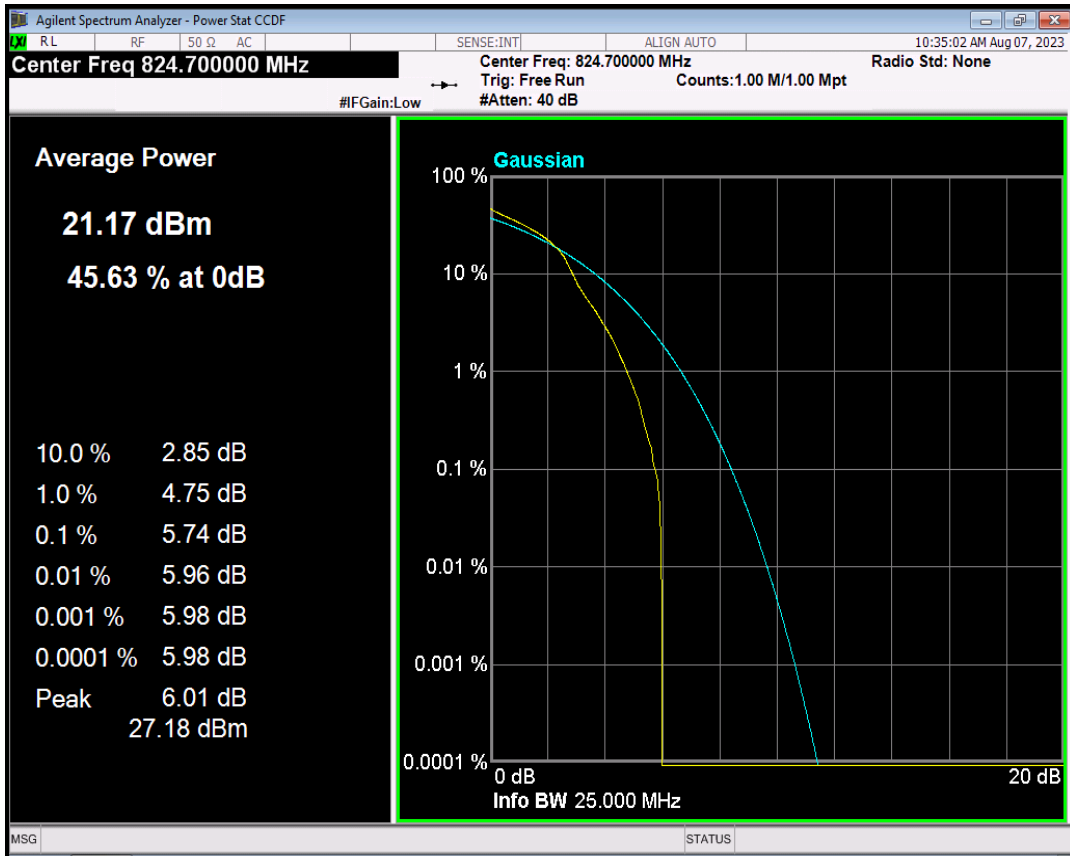
### Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	1.4	20407	1	#0	QPSK	4.78	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.74	13	PASS
Band5	1.4	20525	1	#0	QPSK	4.06	13	PASS
Band5	1.4	20525	1	#0	16QAM	4.84	13	PASS
Band5	1.4	20643	1	#0	QPSK	4.14	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.03	13	PASS
Band5	3	20415	1	#0	QPSK	4.72	13	PASS
Band5	3	20415	1	#0	16QAM	5.37	13	PASS
Band5	3	20525	1	#0	QPSK	4.14	13	PASS
Band5	3	20525	1	#0	16QAM	5.03	13	PASS
Band5	3	20635	1	#0	QPSK	4.49	13	PASS
Band5	3	20635	1	#0	16QAM	5.43	13	PASS
Band5	5	20425	1	#0	QPSK	4.83	13	PASS
Band5	5	20425	1	#0	16QAM	5.58	13	PASS
Band5	5	20525	1	#0	QPSK	3.97	13	PASS
Band5	5	20525	1	#0	16QAM	4.71	13	PASS
Band5	5	20625	1	#0	QPSK	5.13	13	PASS
Band5	5	20625	1	#0	16QAM	5.79	13	PASS
Band5	10	20450	1	#0	QPSK	4.58	13	PASS
Band5	10	20450	1	#0	16QAM	5.54	13	PASS
Band5	10	20525	1	#0	QPSK	3.75	13	PASS
Band5	10	20525	1	#0	16QAM	4.54	13	PASS
Band5	10	20600	1	#0	QPSK	4.14	13	PASS
Band5	10	20600	1	#0	16QAM	5.01	13	PASS

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

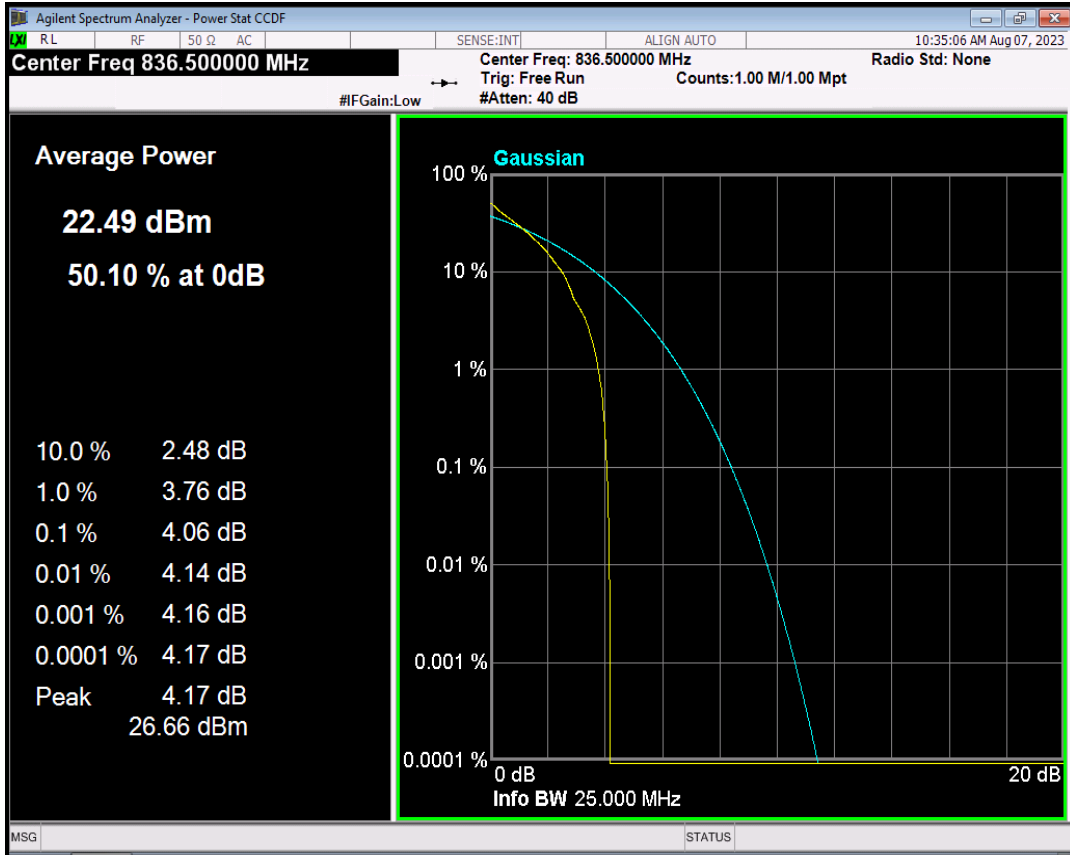


Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0

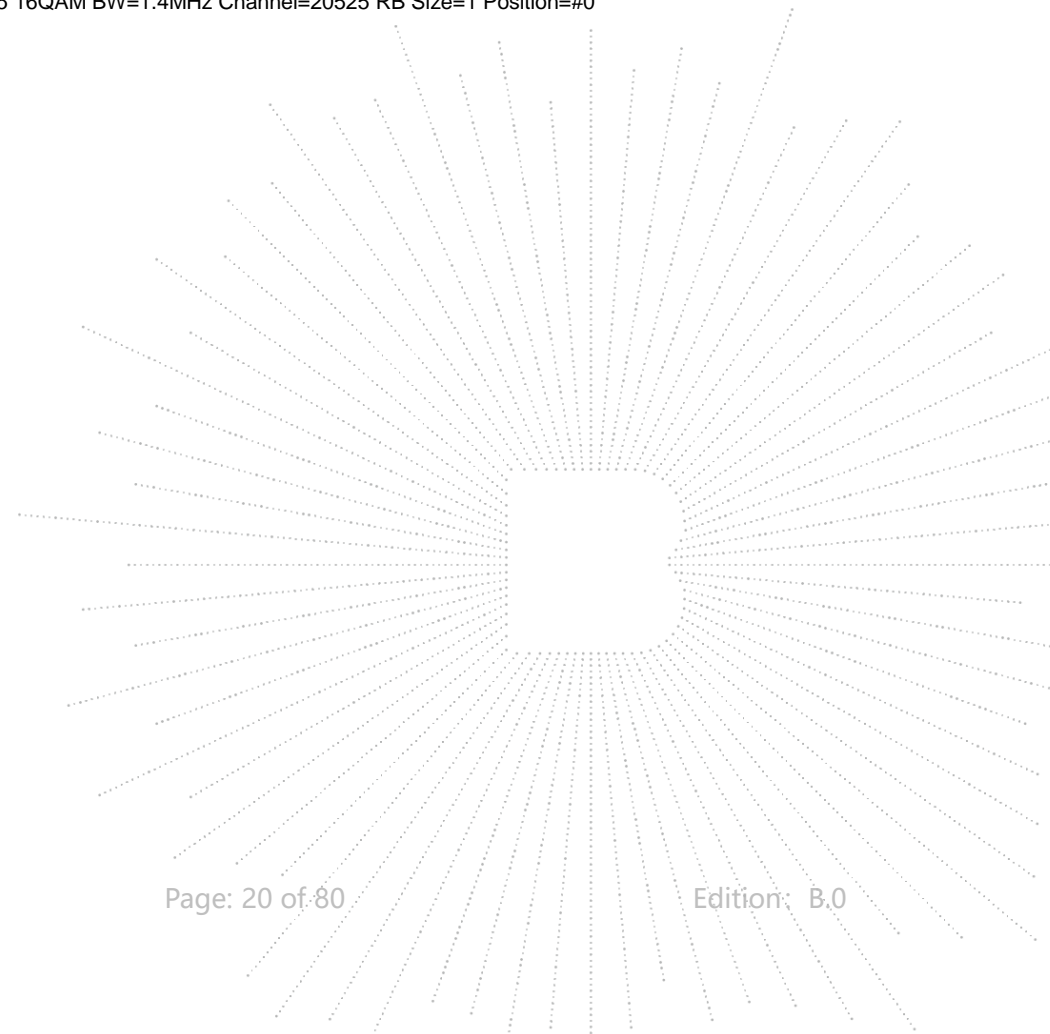


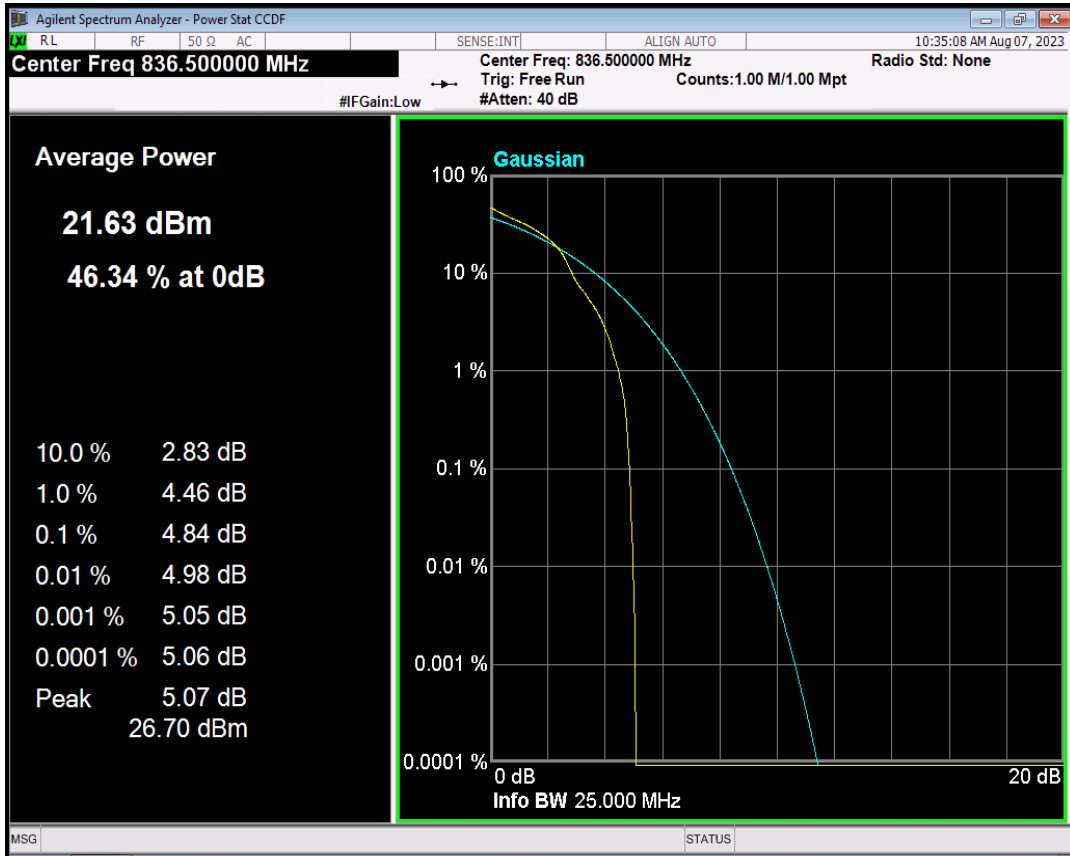


Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0

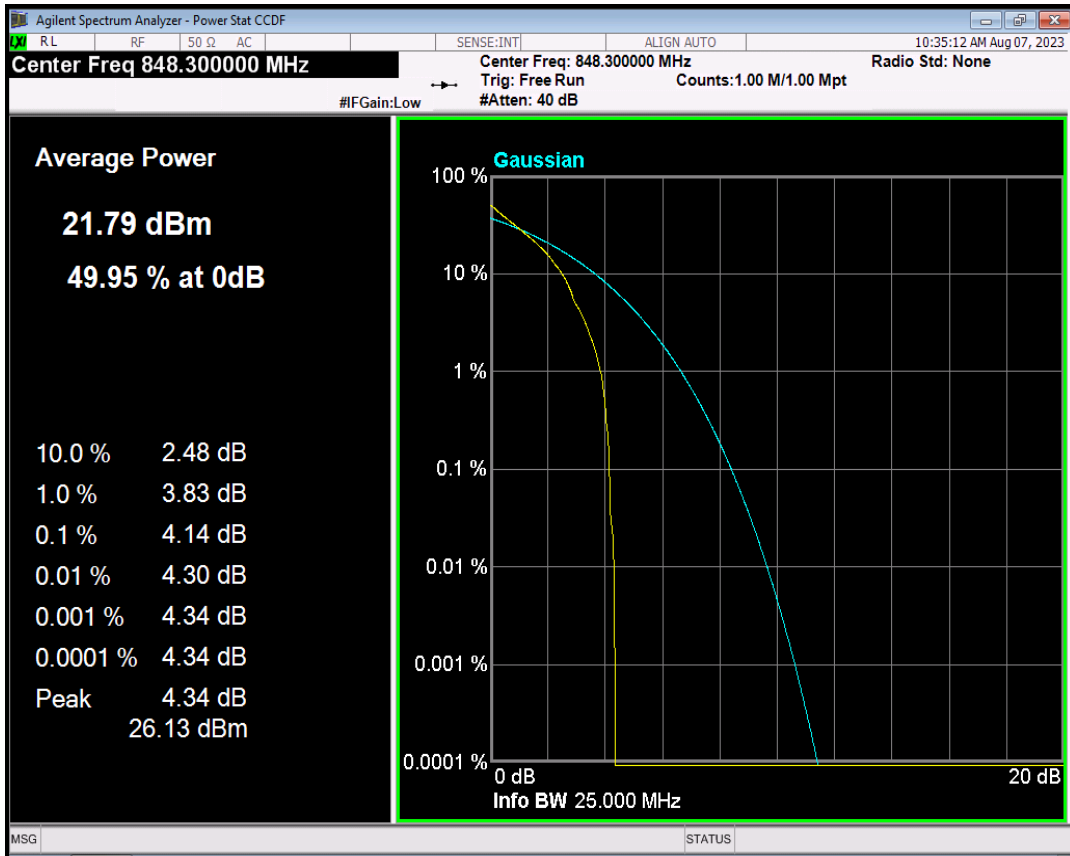


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



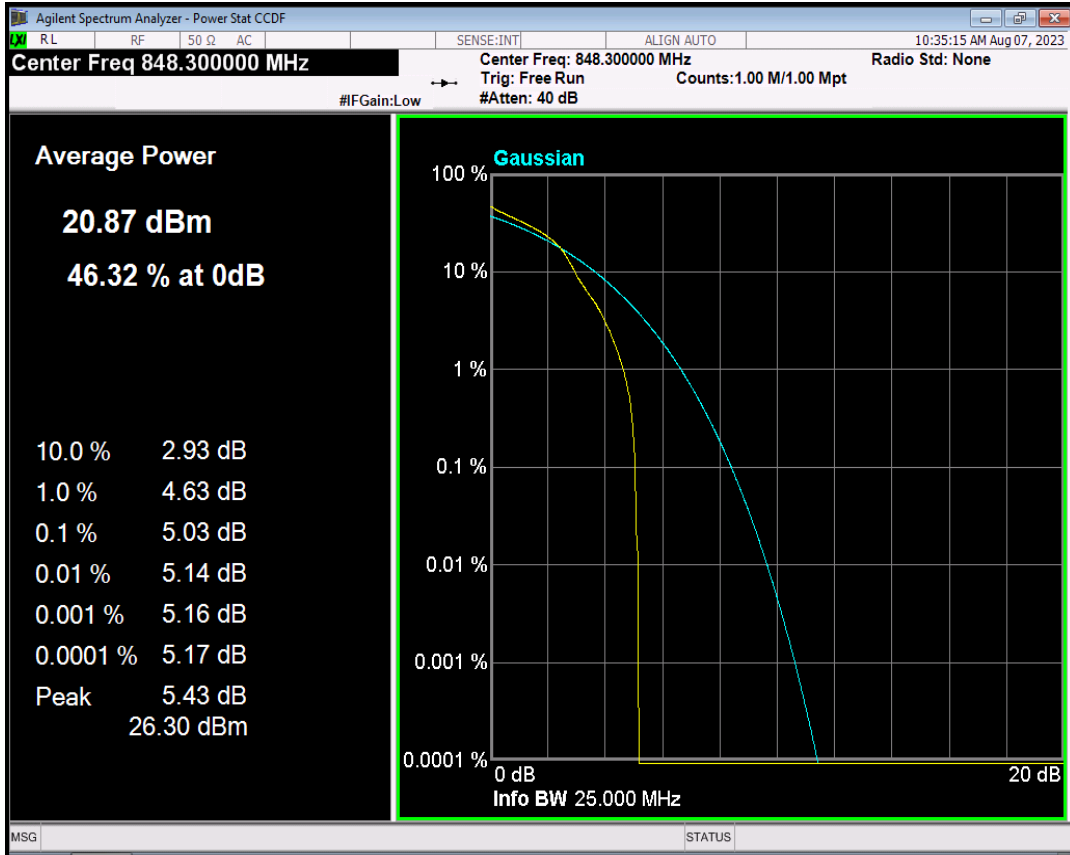


Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0

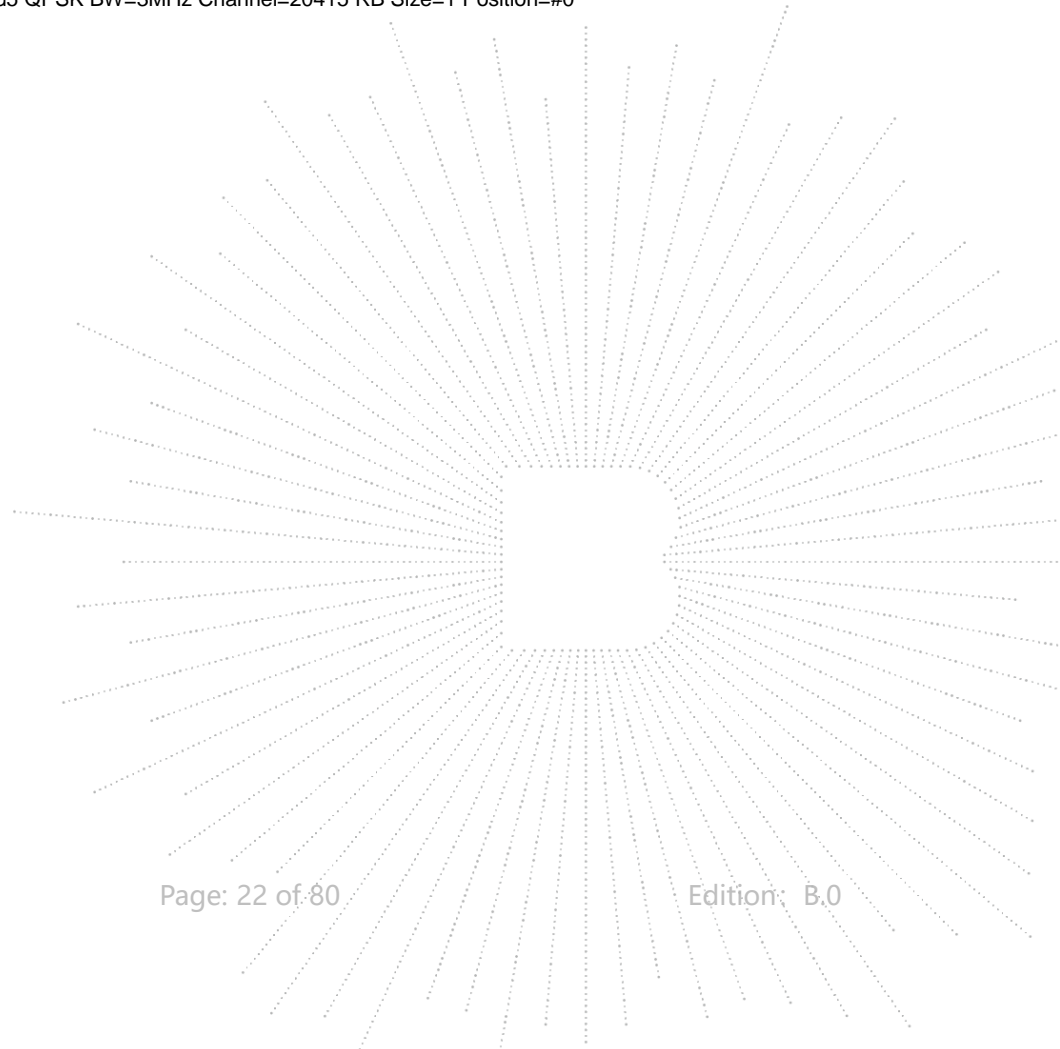


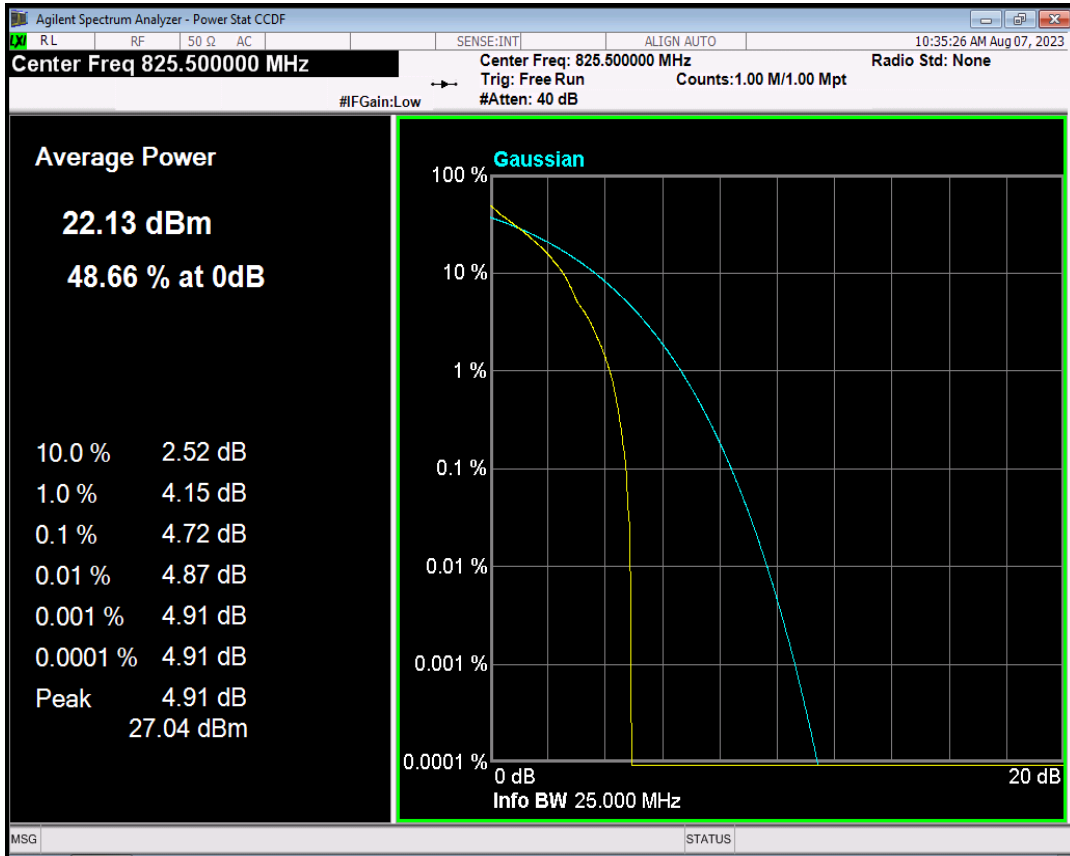


Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0

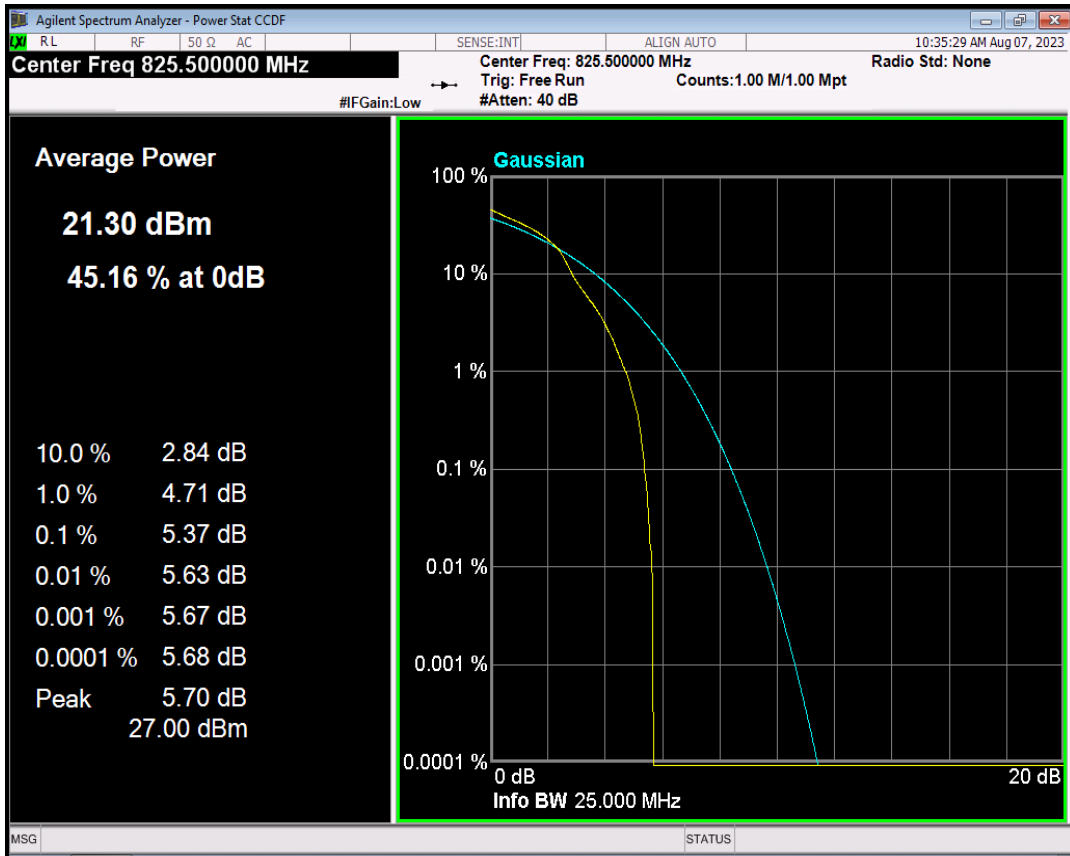


Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0

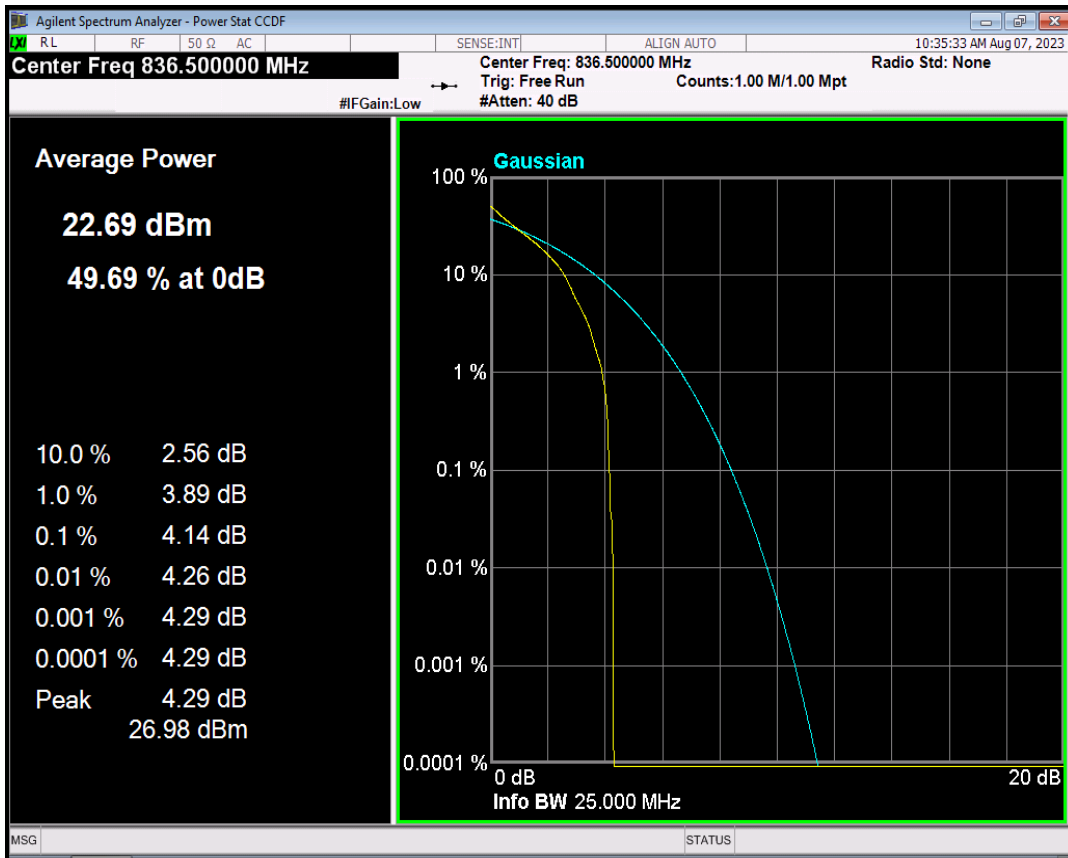




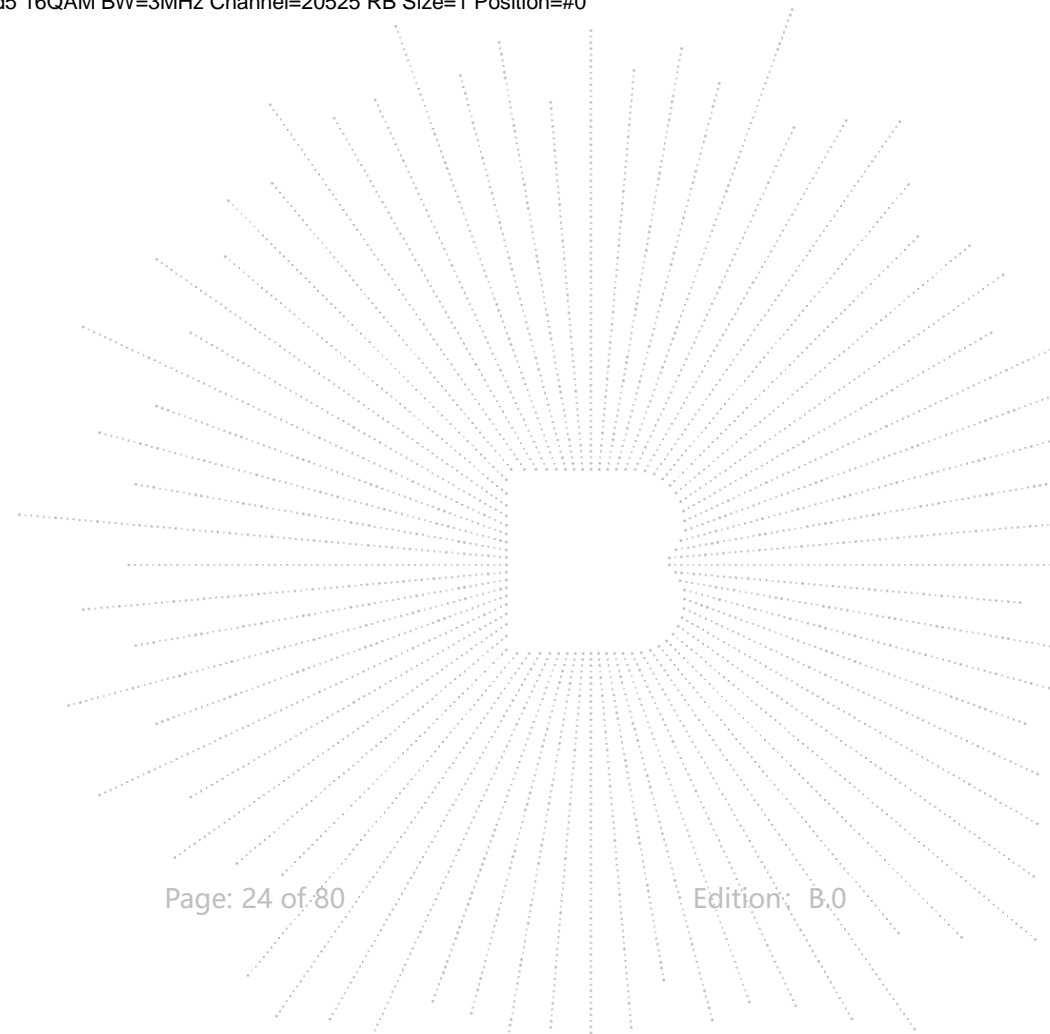
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



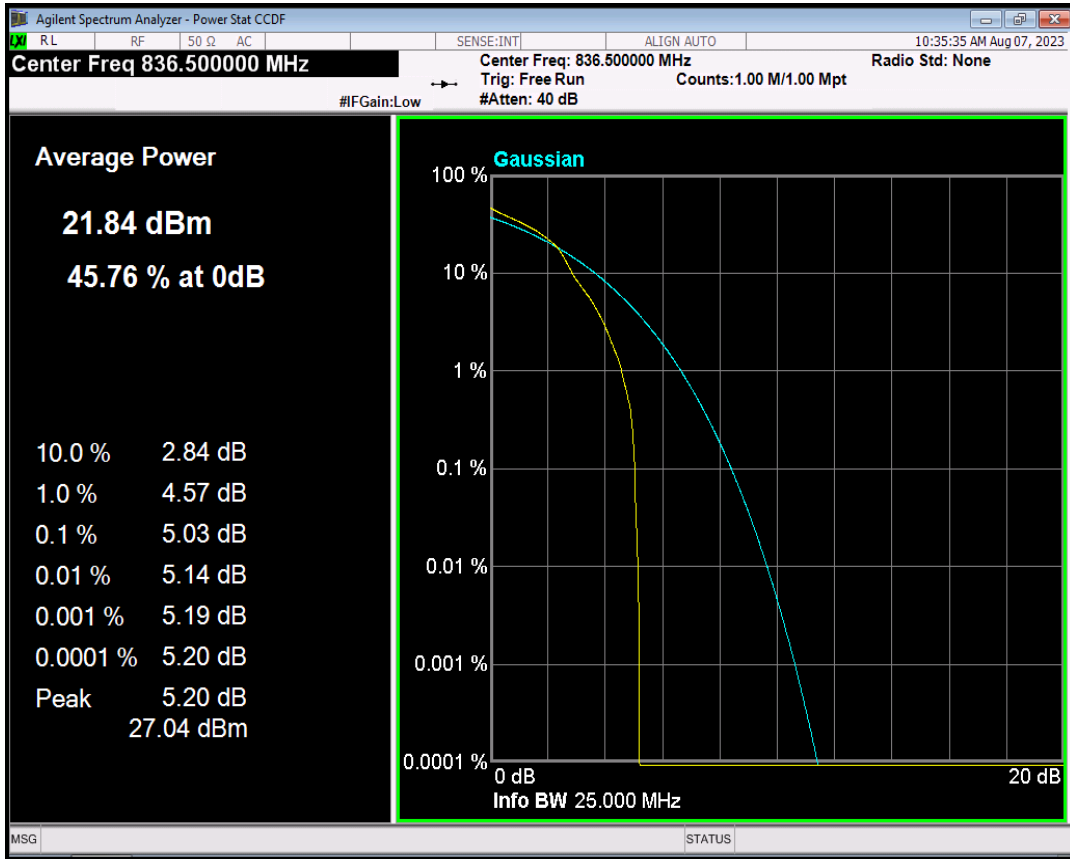
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



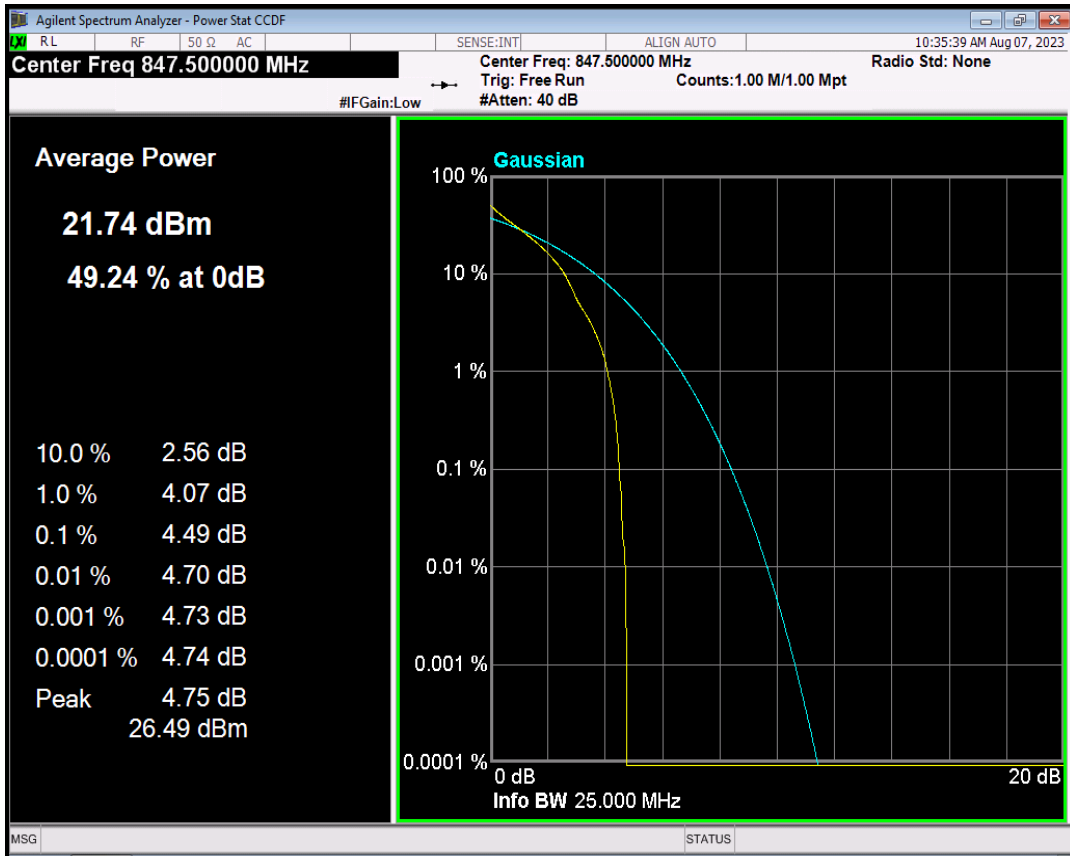
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0





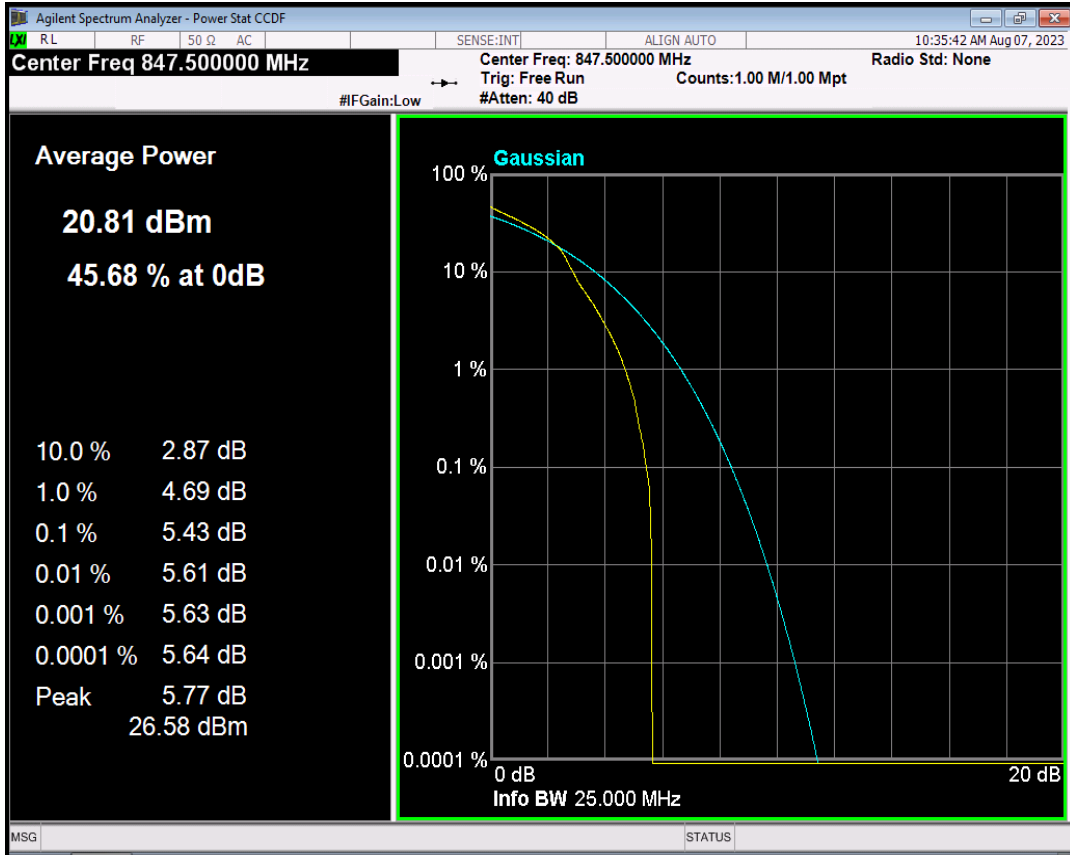


Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0

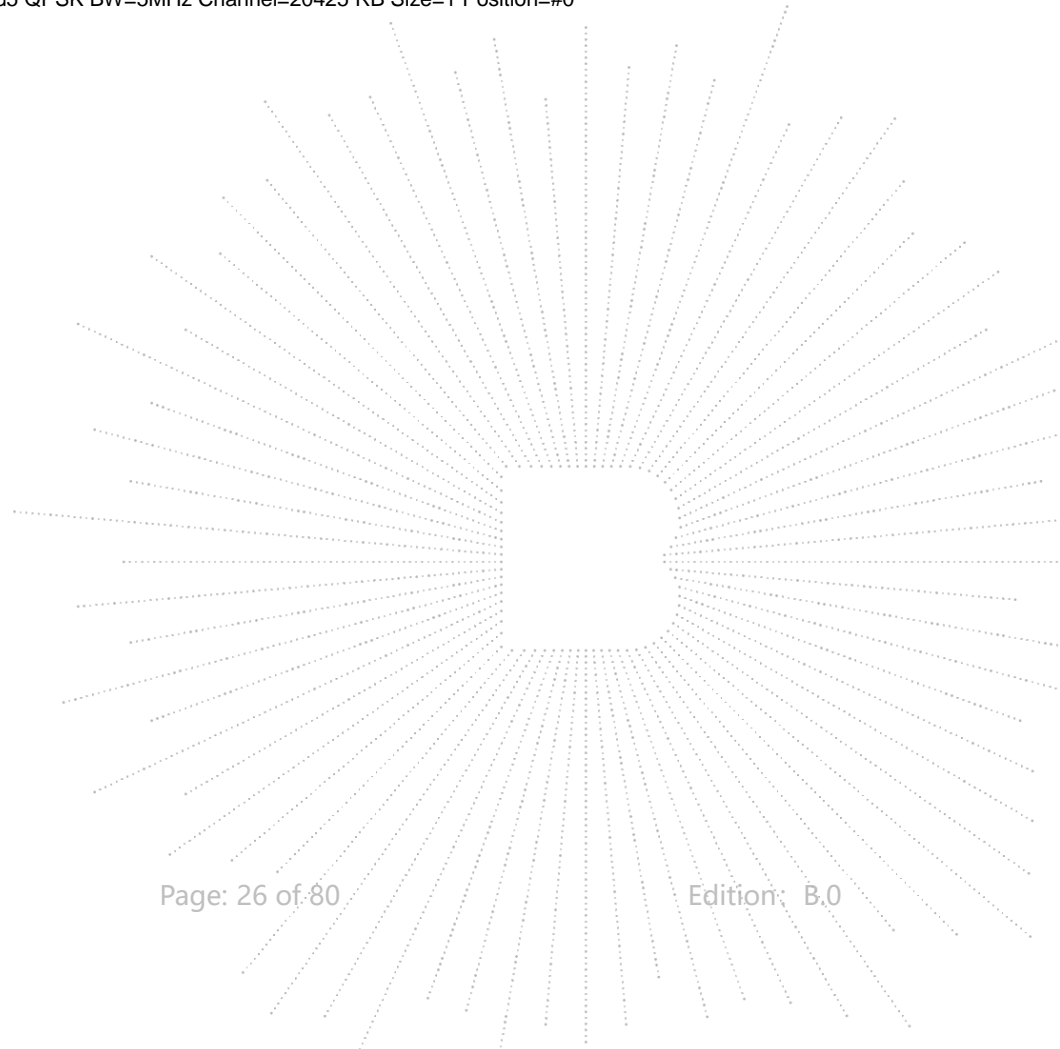


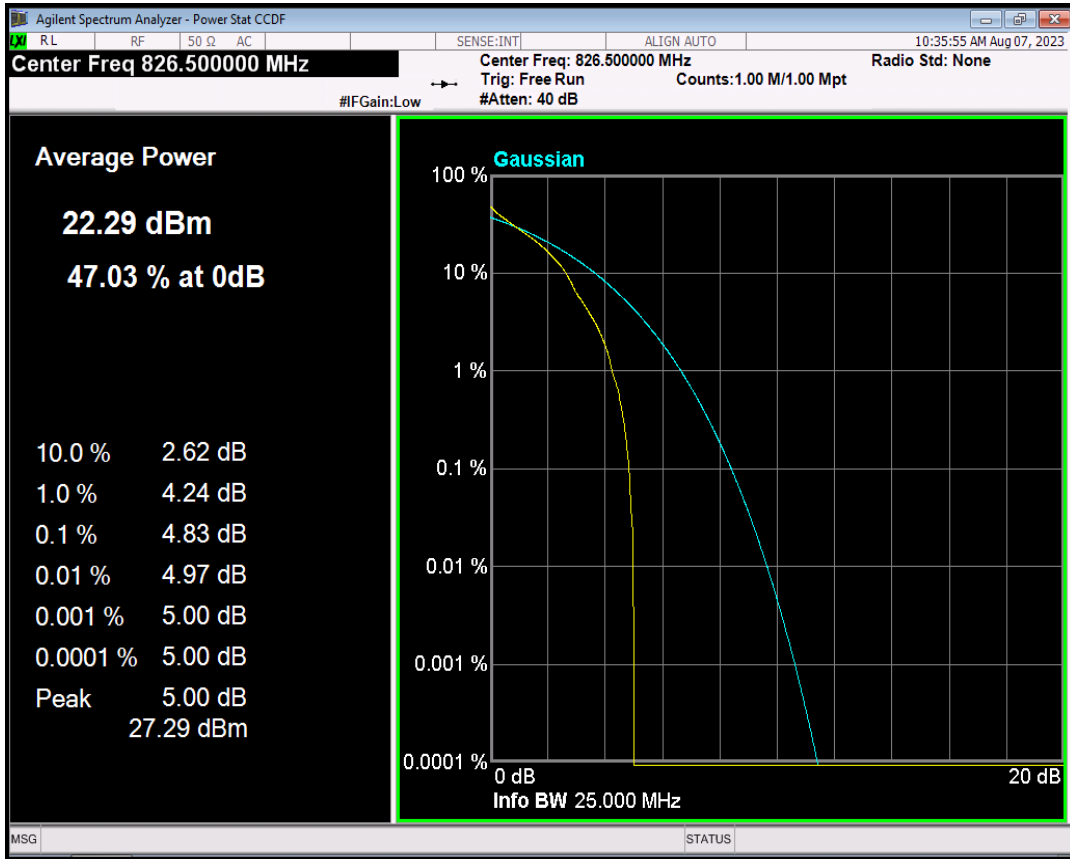


Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0

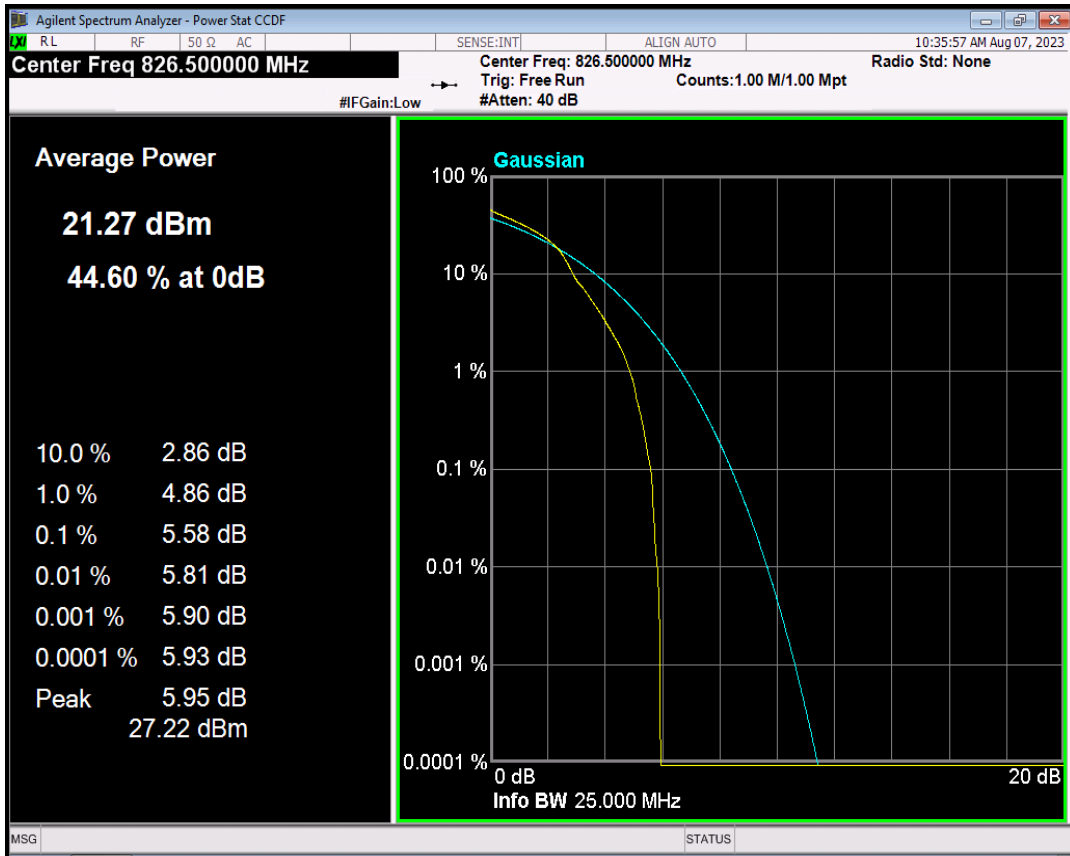


Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



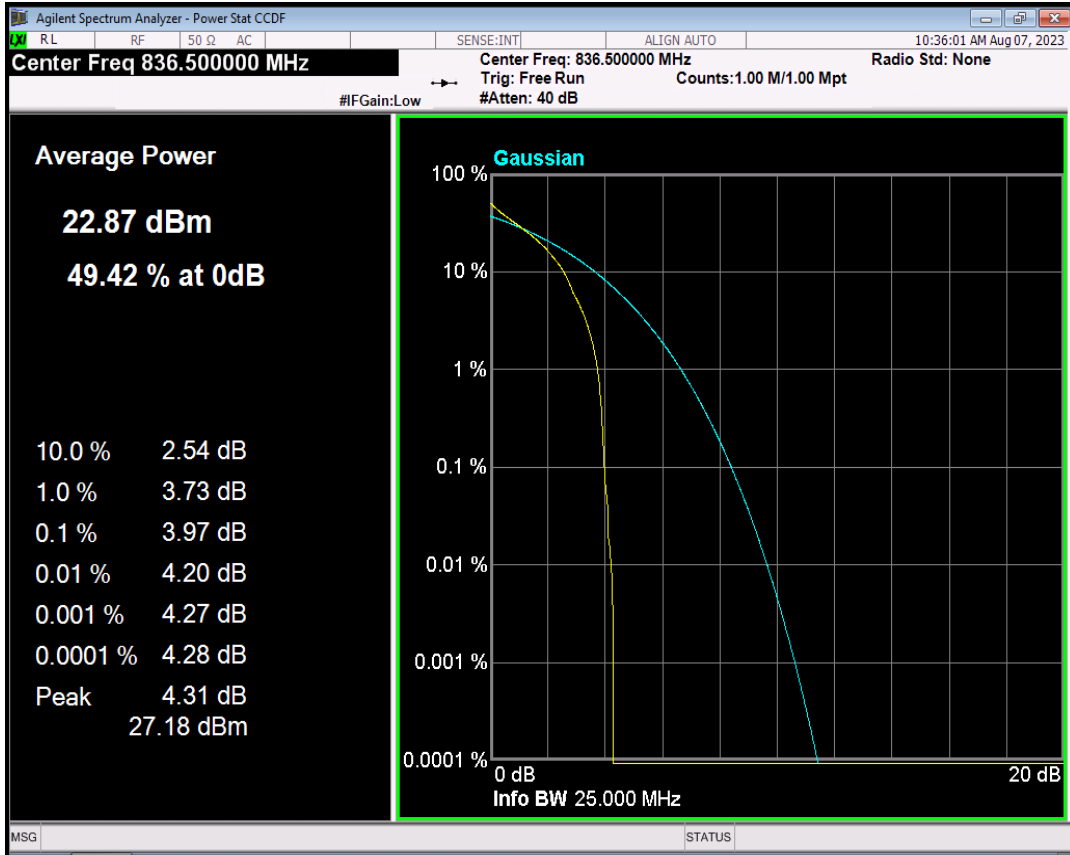


Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0

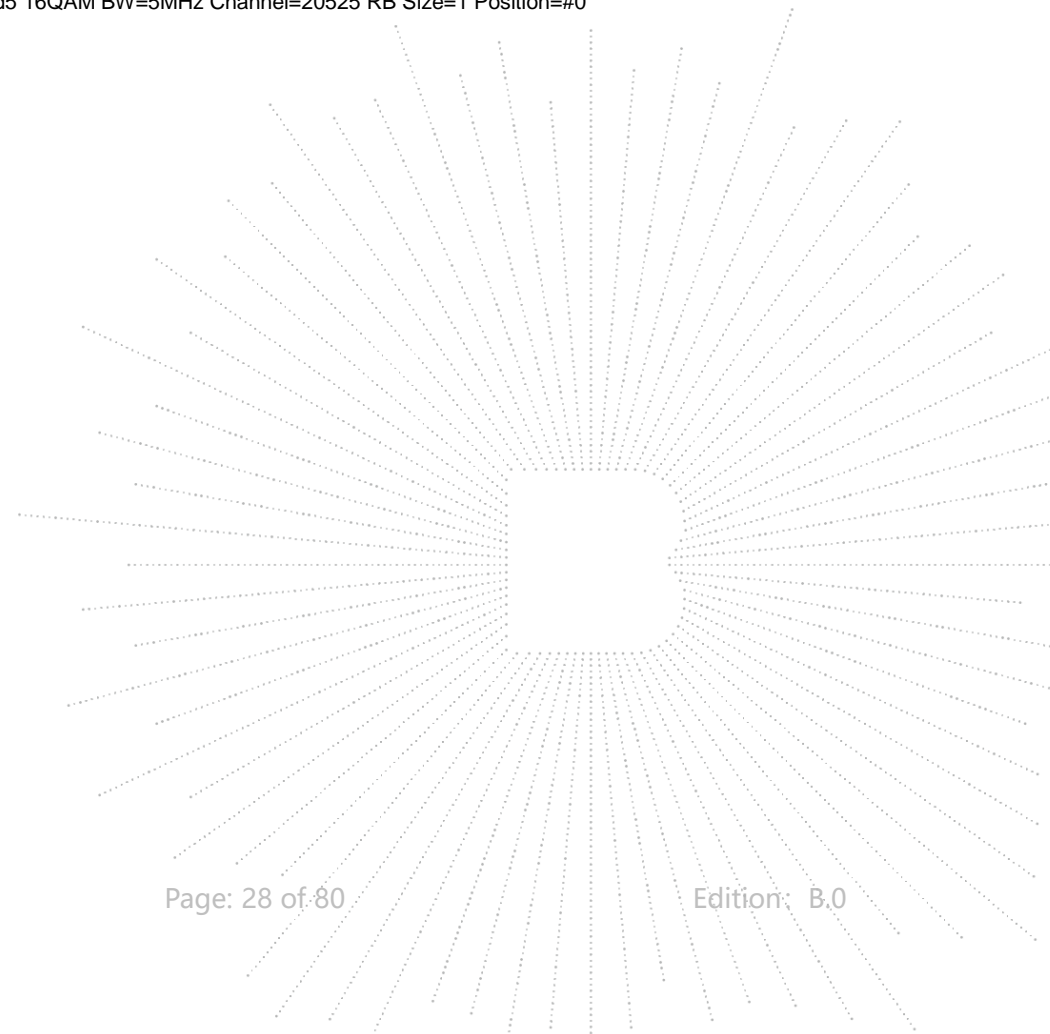


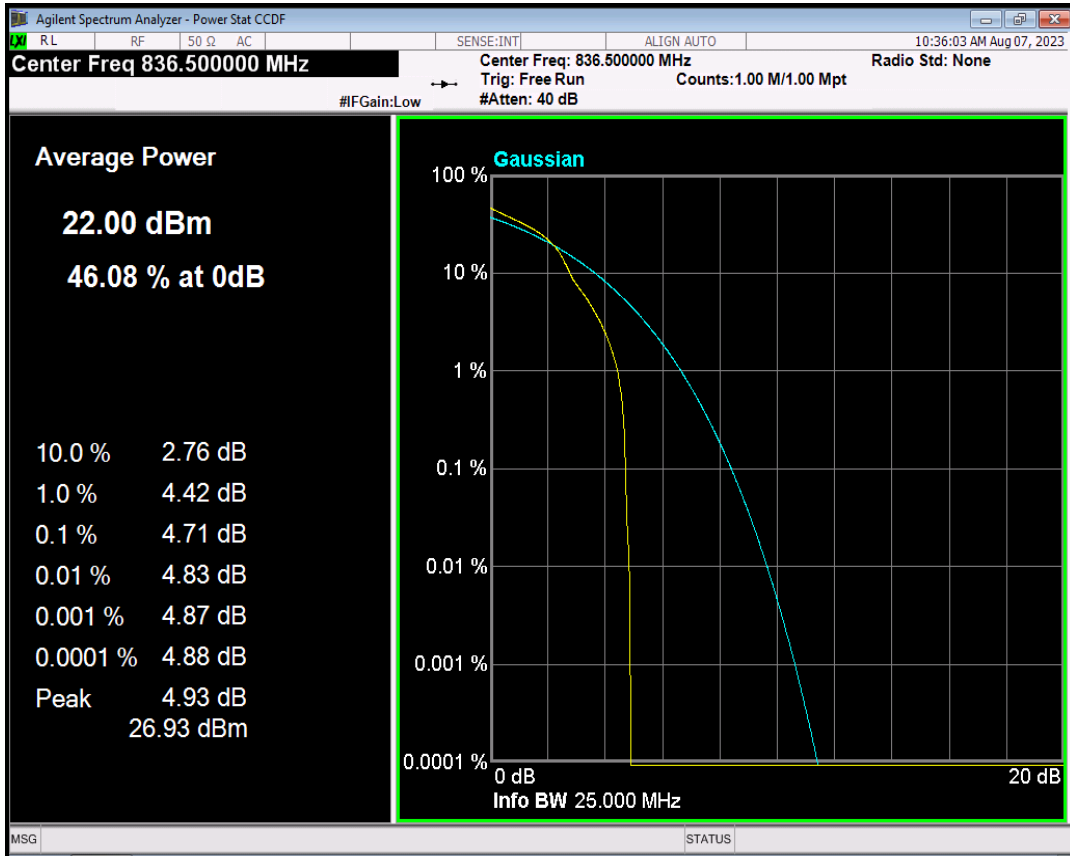


Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0

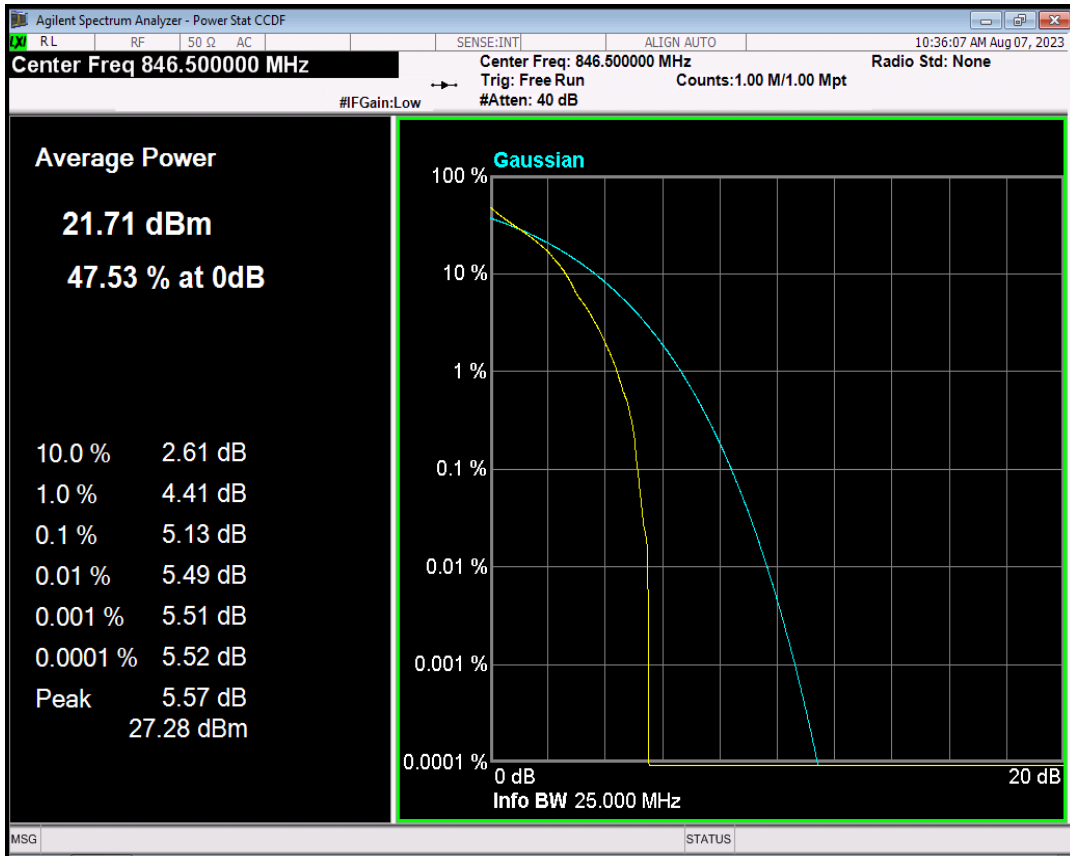


Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0

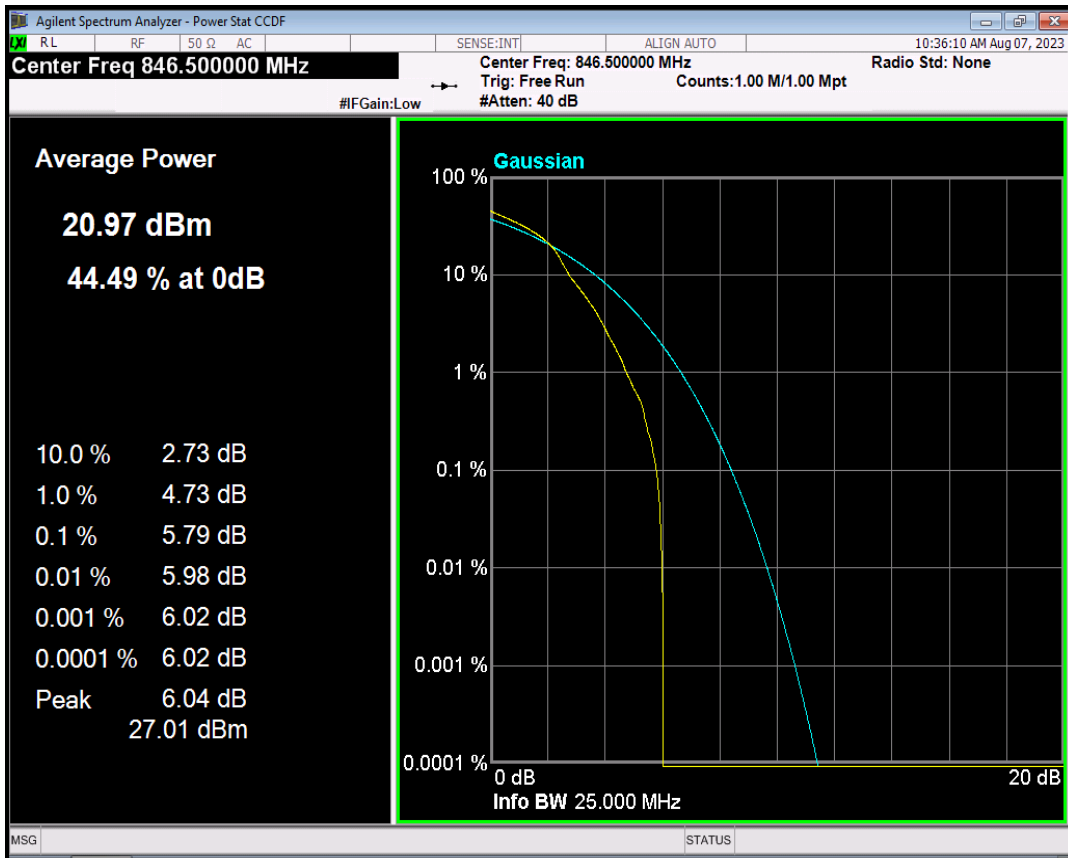




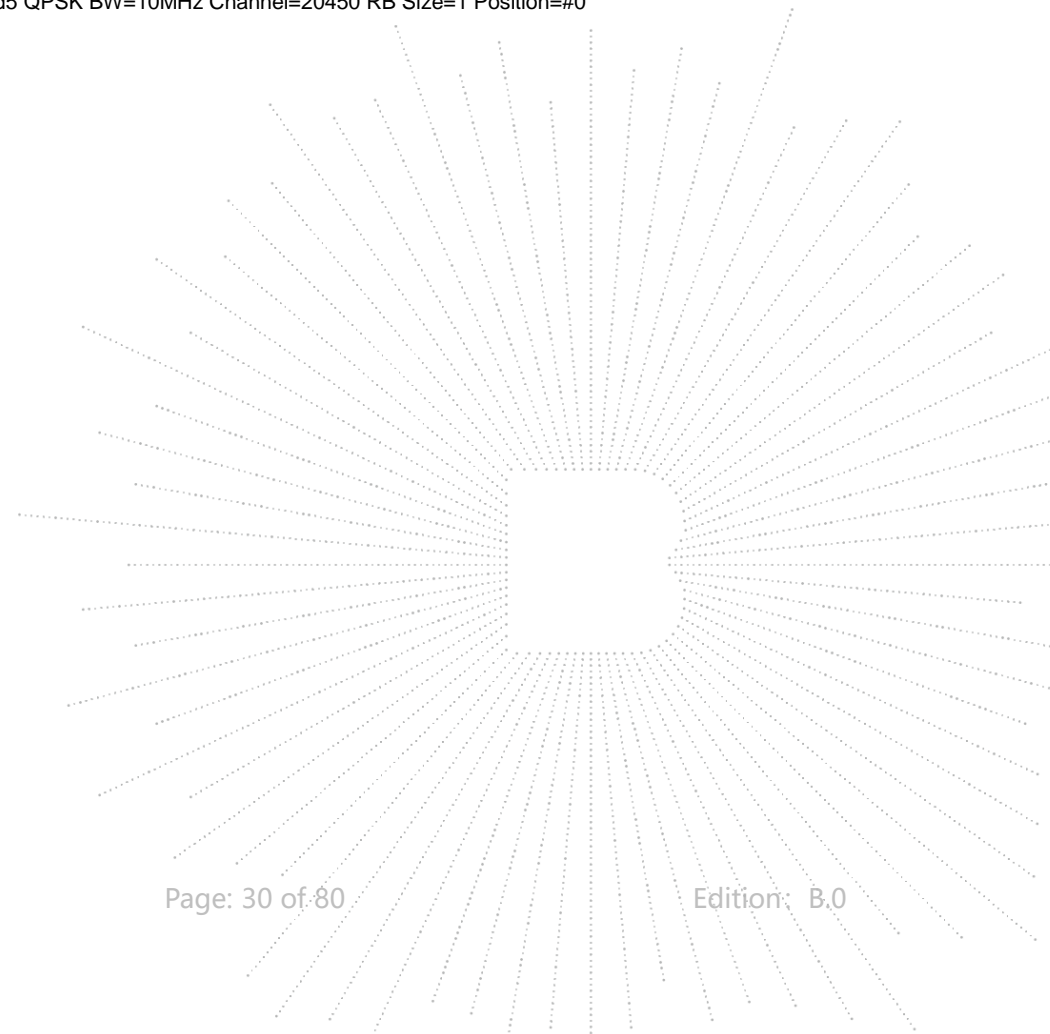
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0

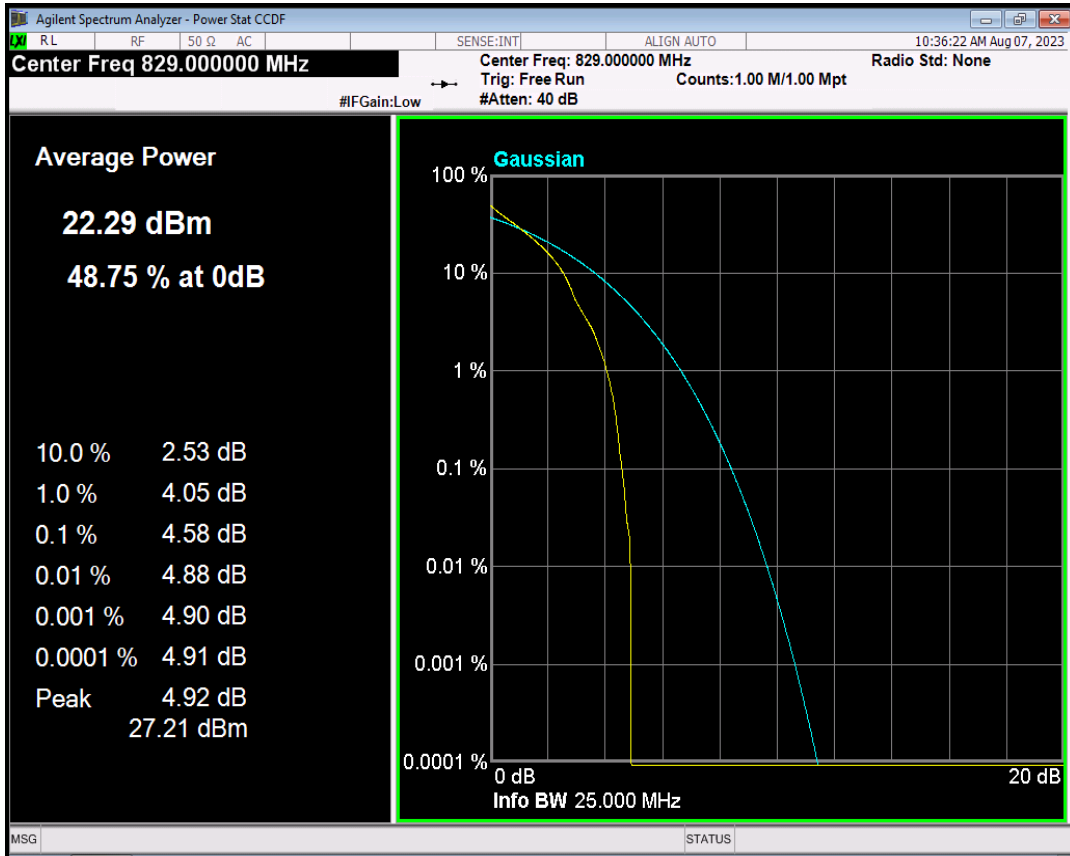


Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0

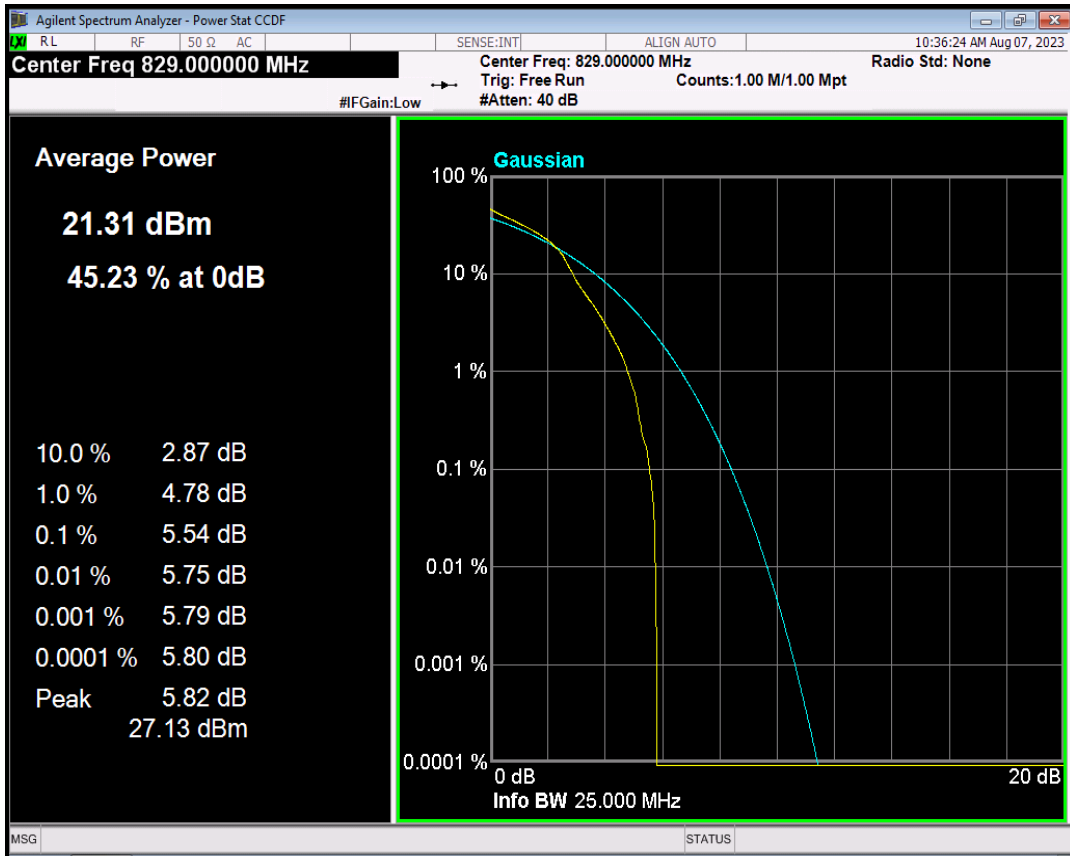


Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



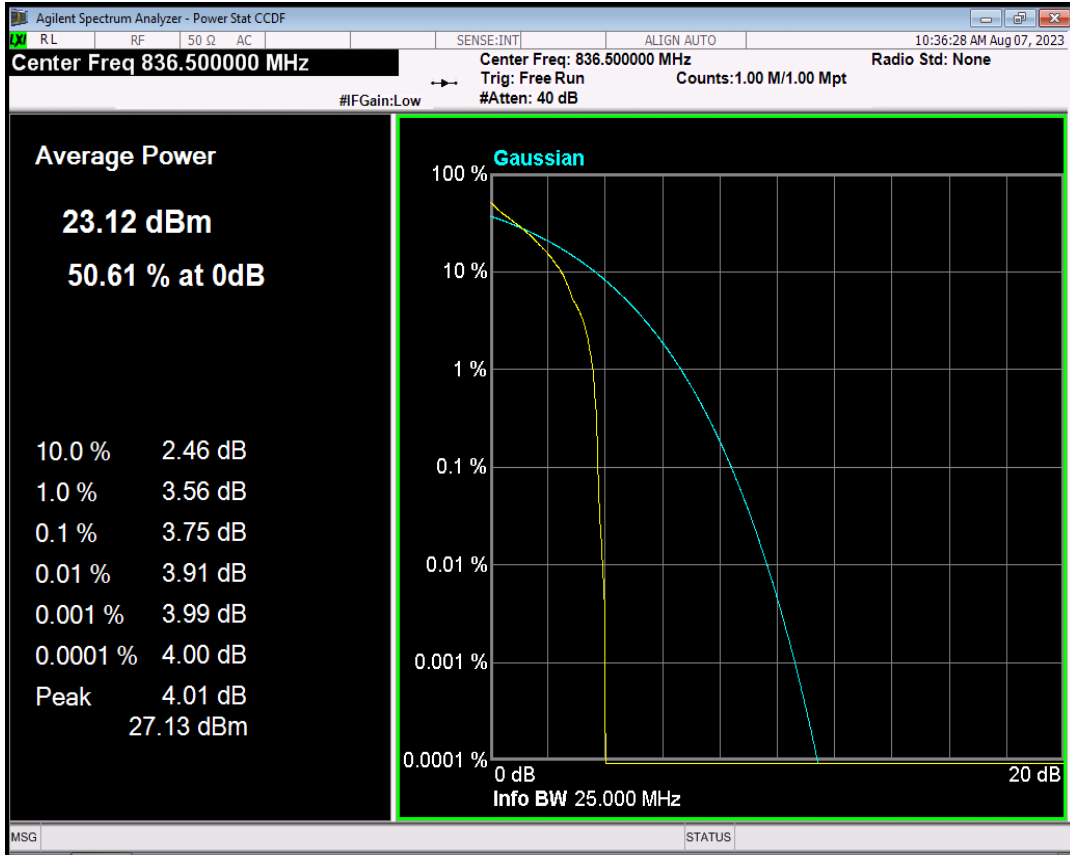


Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0

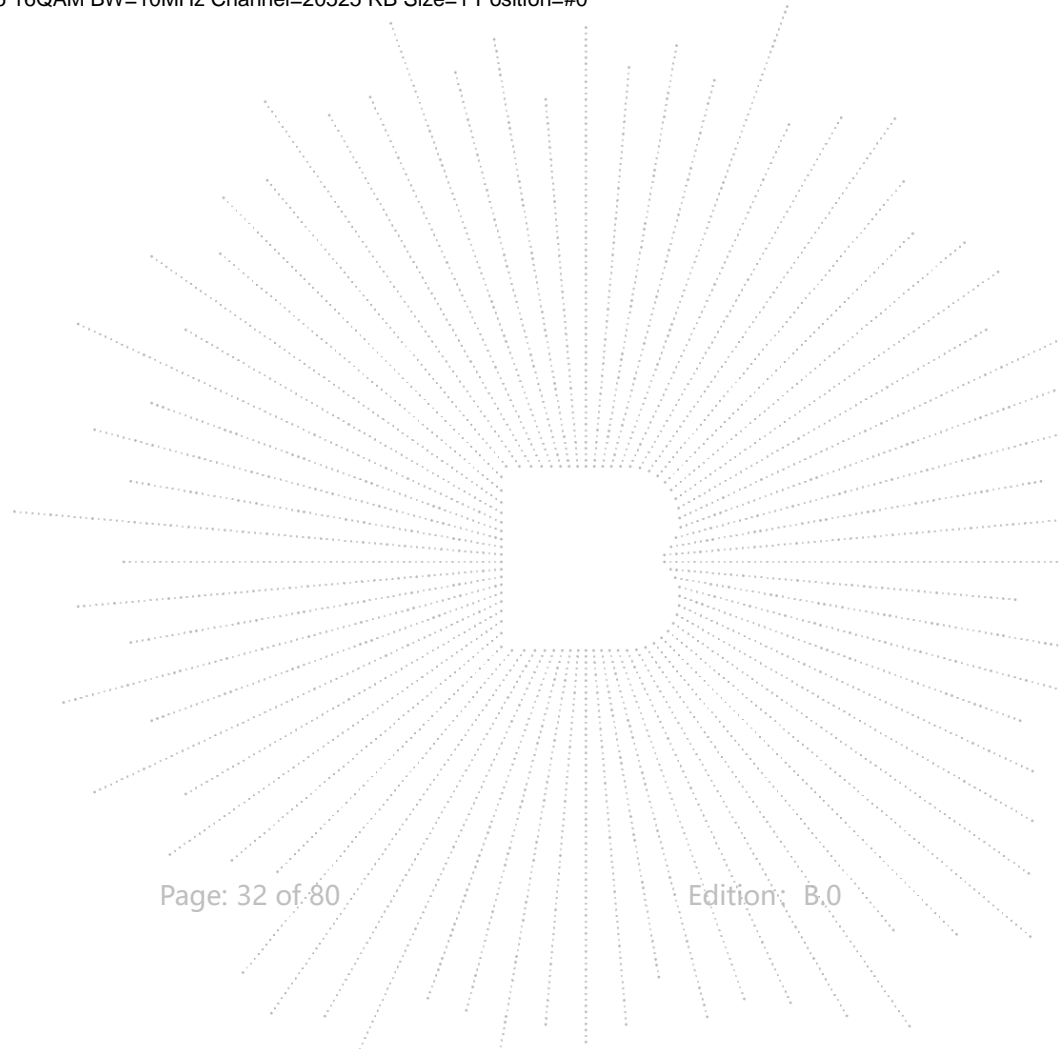




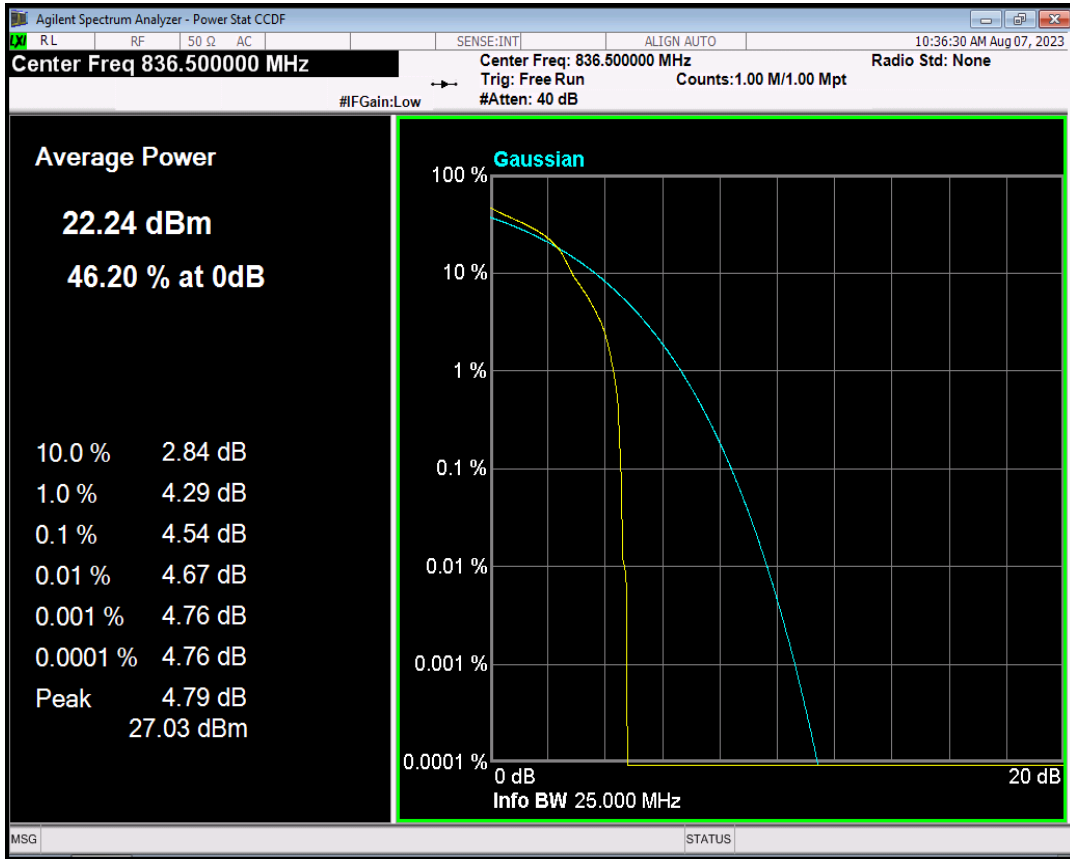
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



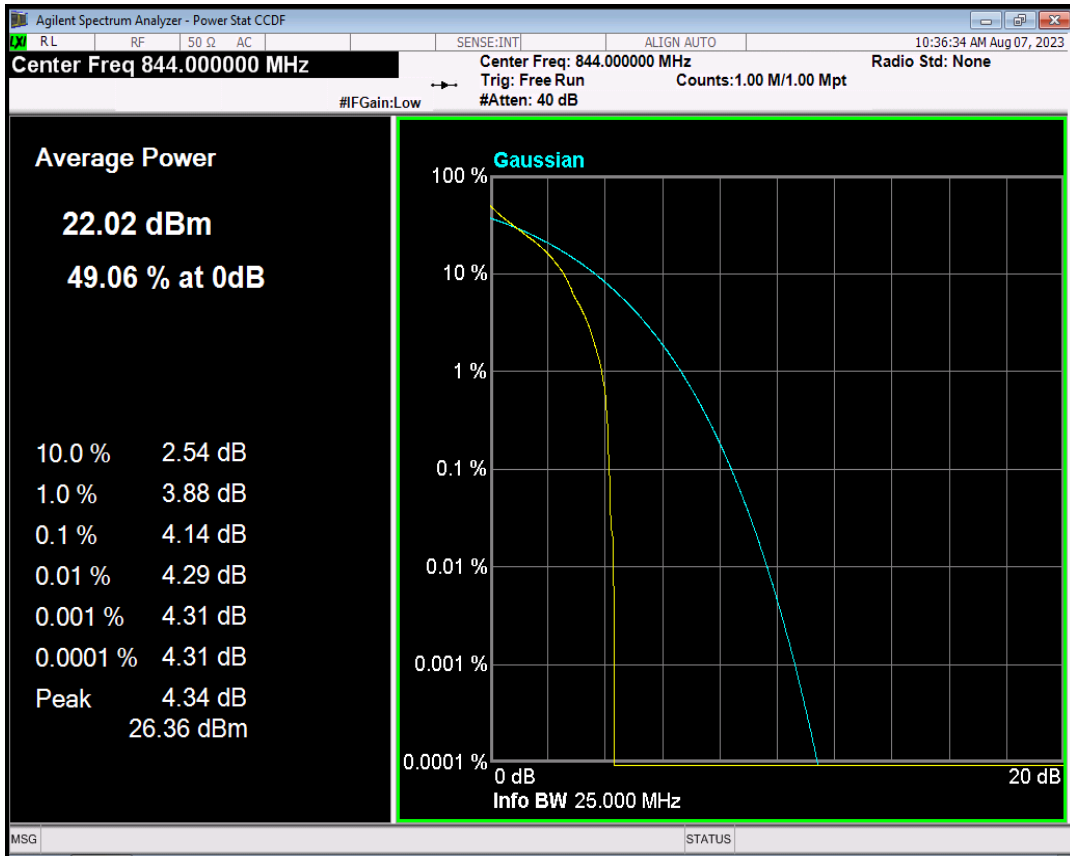
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0





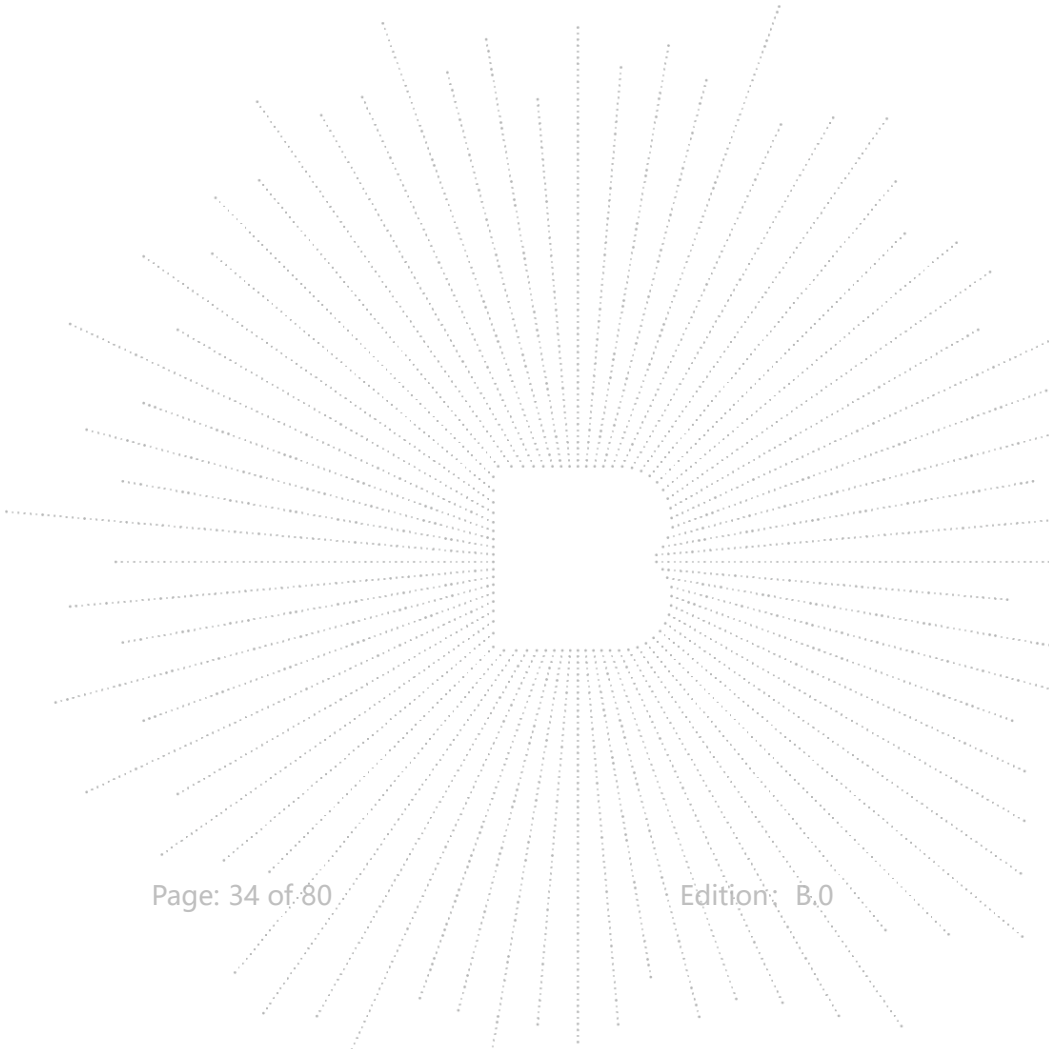
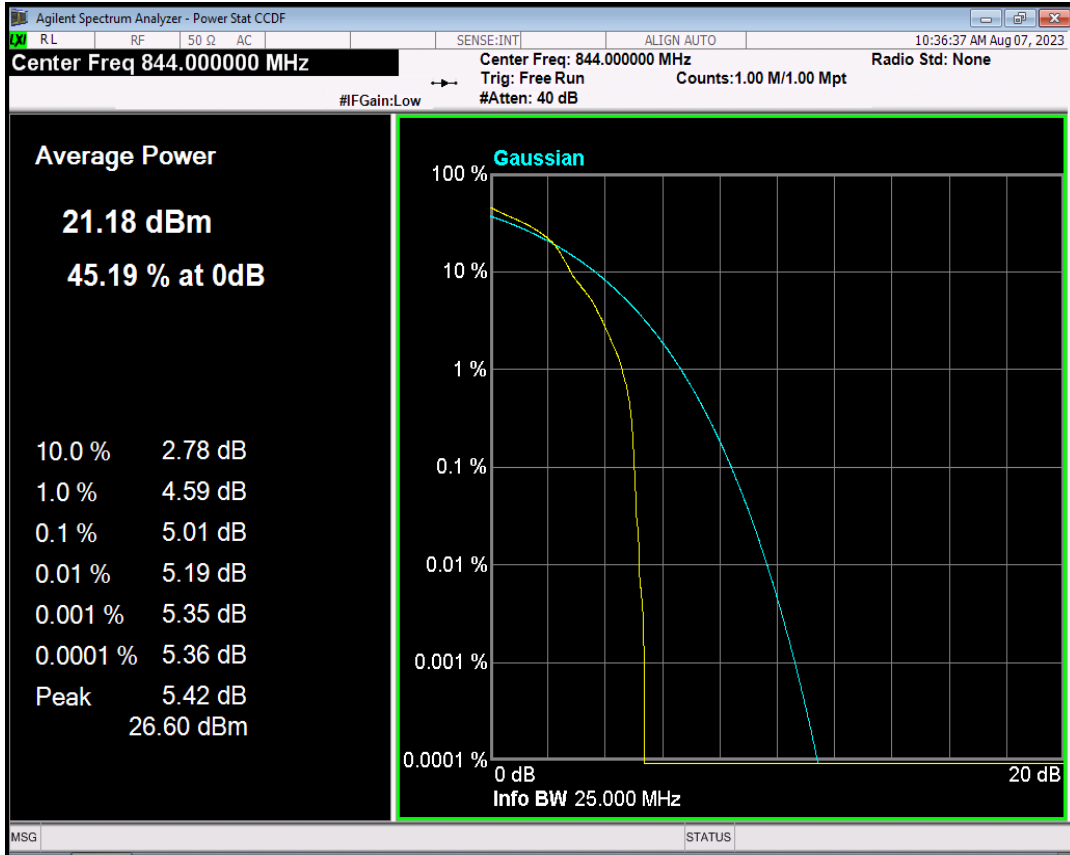


Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0





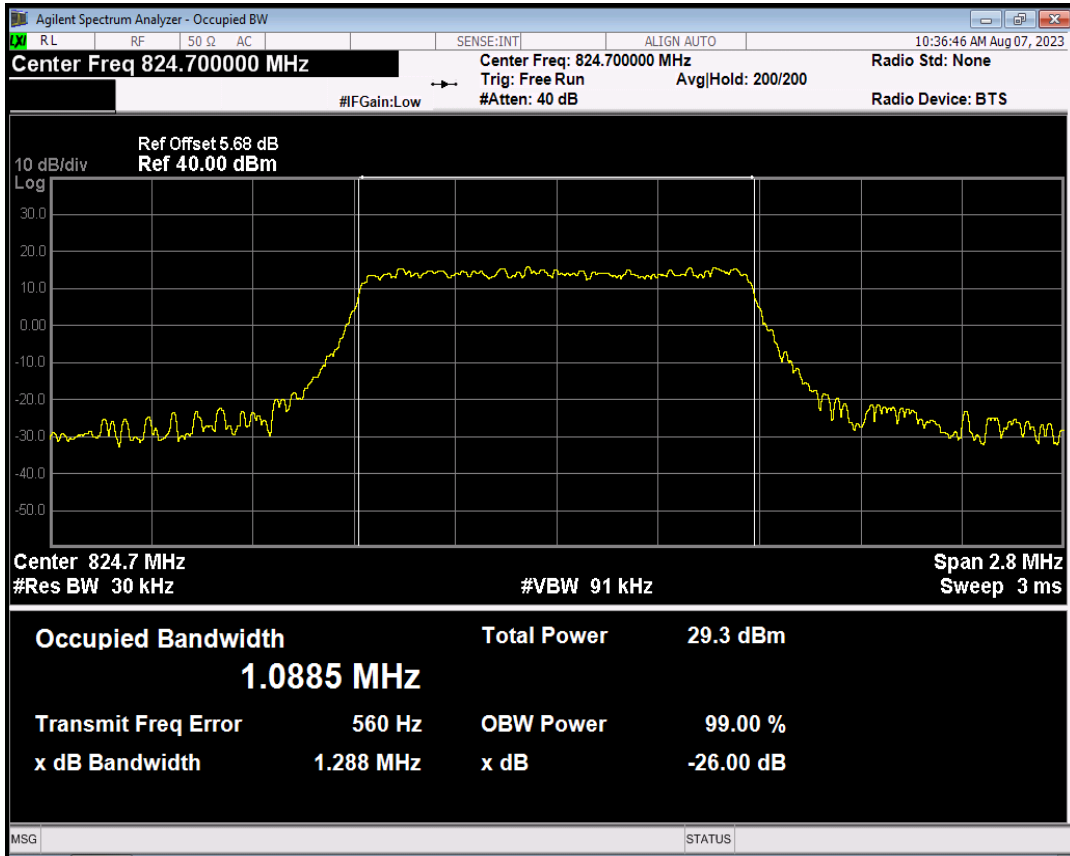
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



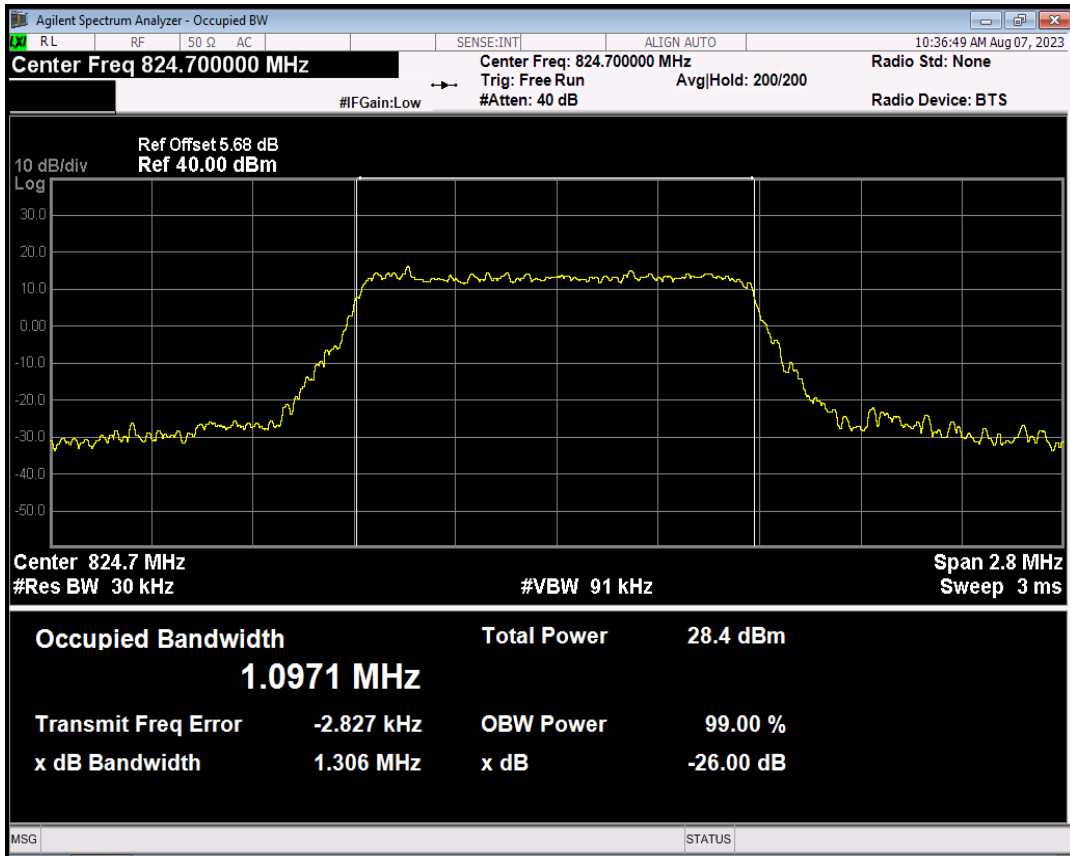
### Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.089	1.288	PASS
Band5	1.4	20407	6	#0	16QAM	1.097	1.306	PASS
Band5	1.4	20525	6	#0	QPSK	1.097	1.290	PASS
Band5	1.4	20525	6	#0	16QAM	1.096	1.273	PASS
Band5	1.4	20643	6	#0	QPSK	1.097	1.276	PASS
Band5	1.4	20643	6	#0	16QAM	1.097	1.284	PASS
Band5	3	20415	15	#0	QPSK	2.694	2.933	PASS
Band5	3	20415	15	#0	16QAM	2.692	2.935	PASS
Band5	3	20525	15	#0	QPSK	2.699	2.957	PASS
Band5	3	20525	15	#0	16QAM	2.690	2.948	PASS
Band5	3	20635	15	#0	QPSK	2.691	2.930	PASS
Band5	3	20635	15	#0	16QAM	2.694	2.973	PASS
Band5	5	20425	25	#0	QPSK	4.502	4.887	PASS
Band5	5	20425	25	#0	16QAM	4.522	4.930	PASS
Band5	5	20525	25	#0	QPSK	4.510	4.912	PASS
Band5	5	20525	25	#0	16QAM	4.507	4.978	PASS
Band5	5	20625	25	#0	QPSK	4.506	4.905	PASS
Band5	5	20625	25	#0	16QAM	4.489	4.902	PASS
Band5	10	20450	50	#0	QPSK	8.996	9.694	PASS
Band5	10	20450	50	#0	16QAM	8.989	9.757	PASS
Band5	10	20525	50	#0	QPSK	8.969	9.661	PASS
Band5	10	20525	50	#0	16QAM	8.986	9.710	PASS
Band5	10	20600	50	#0	QPSK	8.960	9.643	PASS
Band5	10	20600	50	#0	16QAM	8.969	9.672	PASS

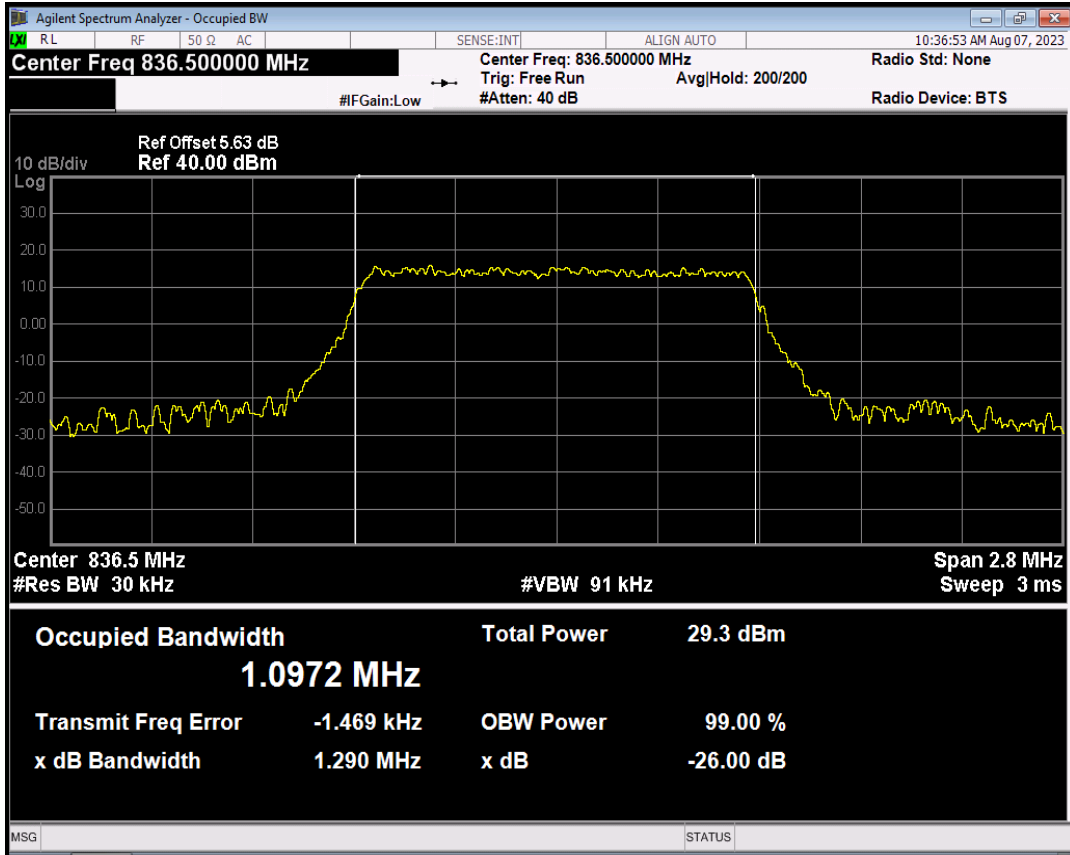
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



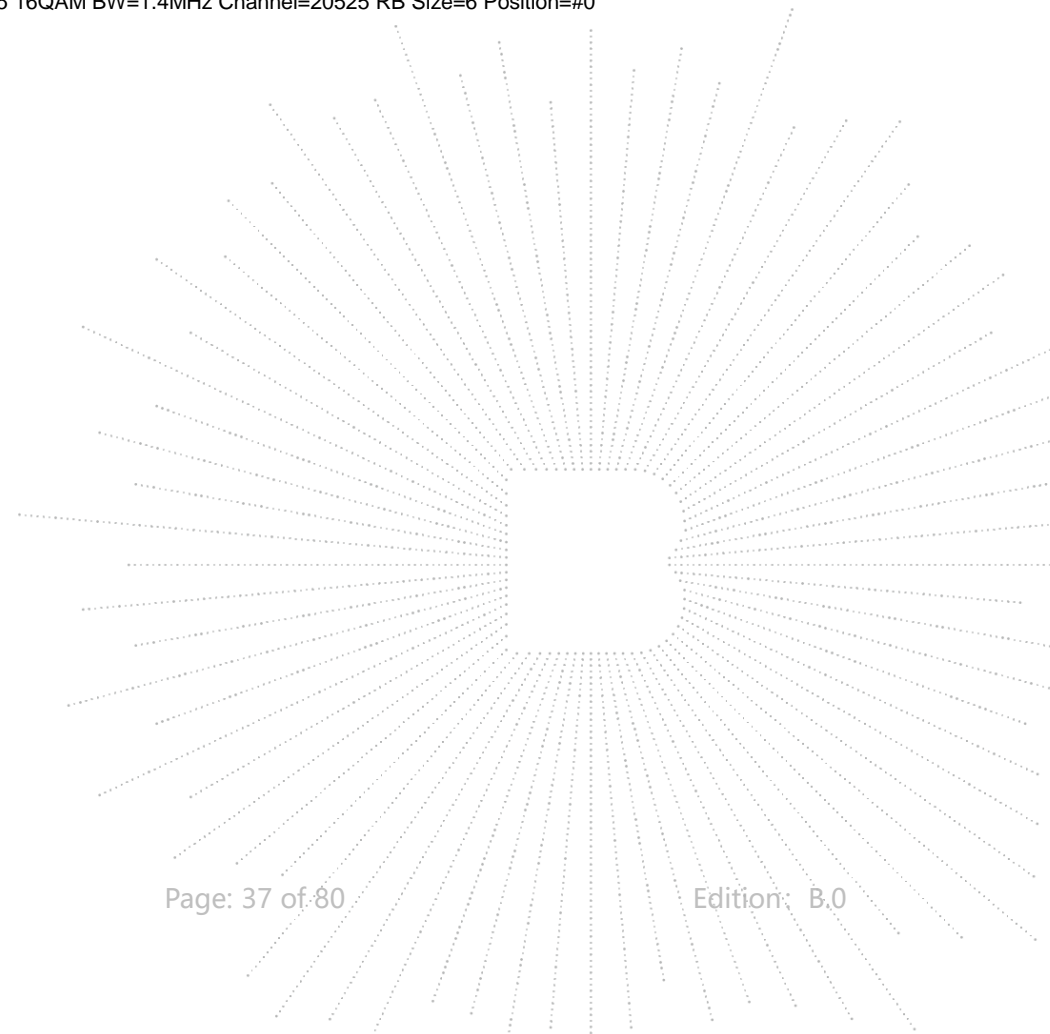
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0

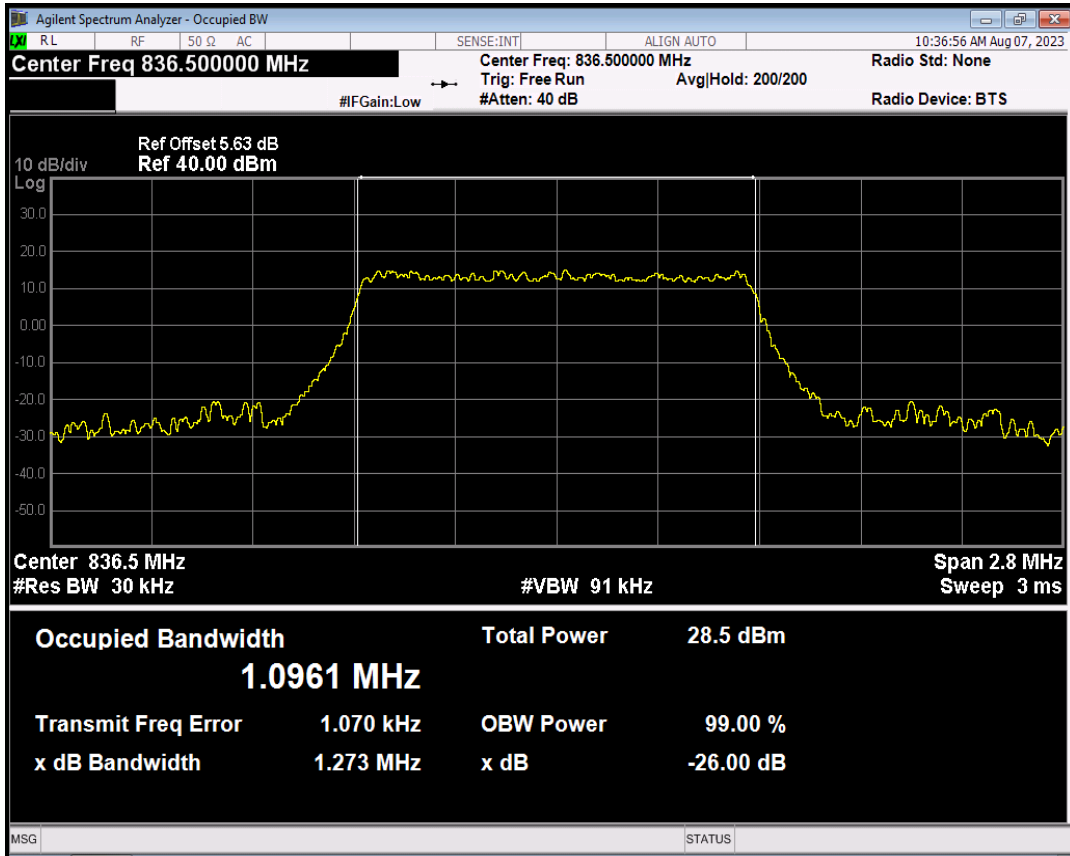


Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0

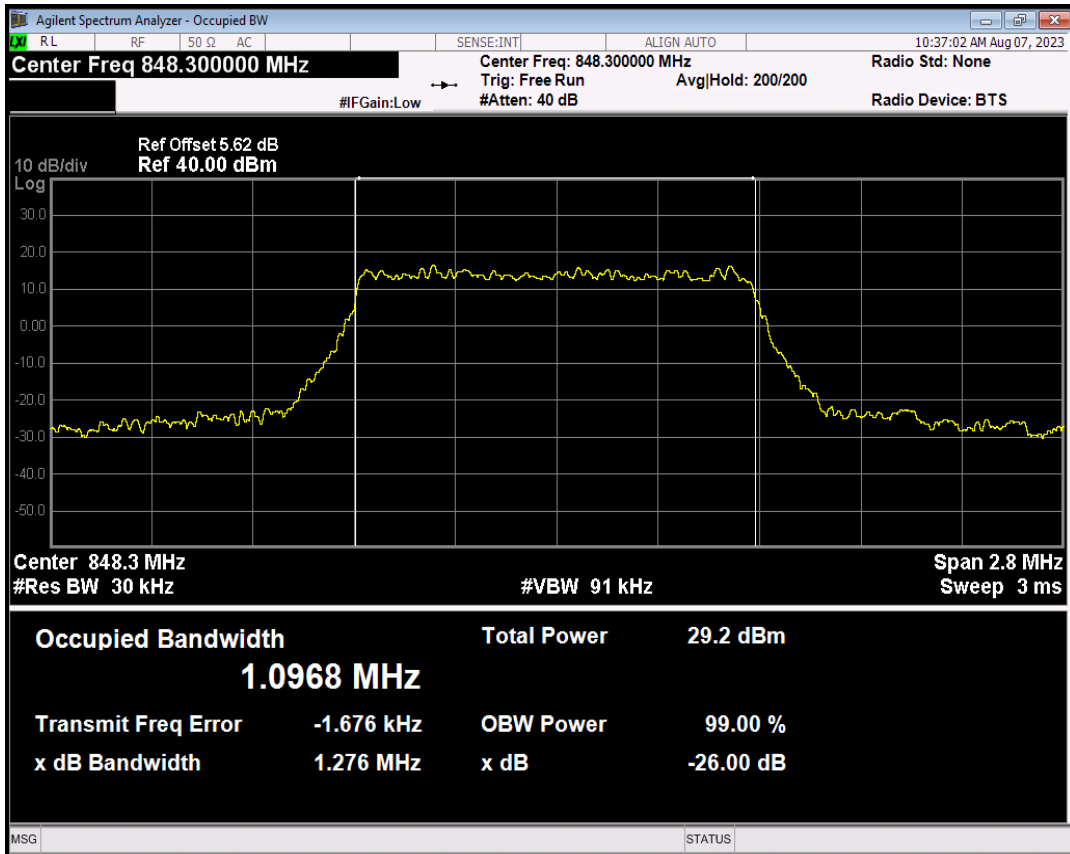


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0

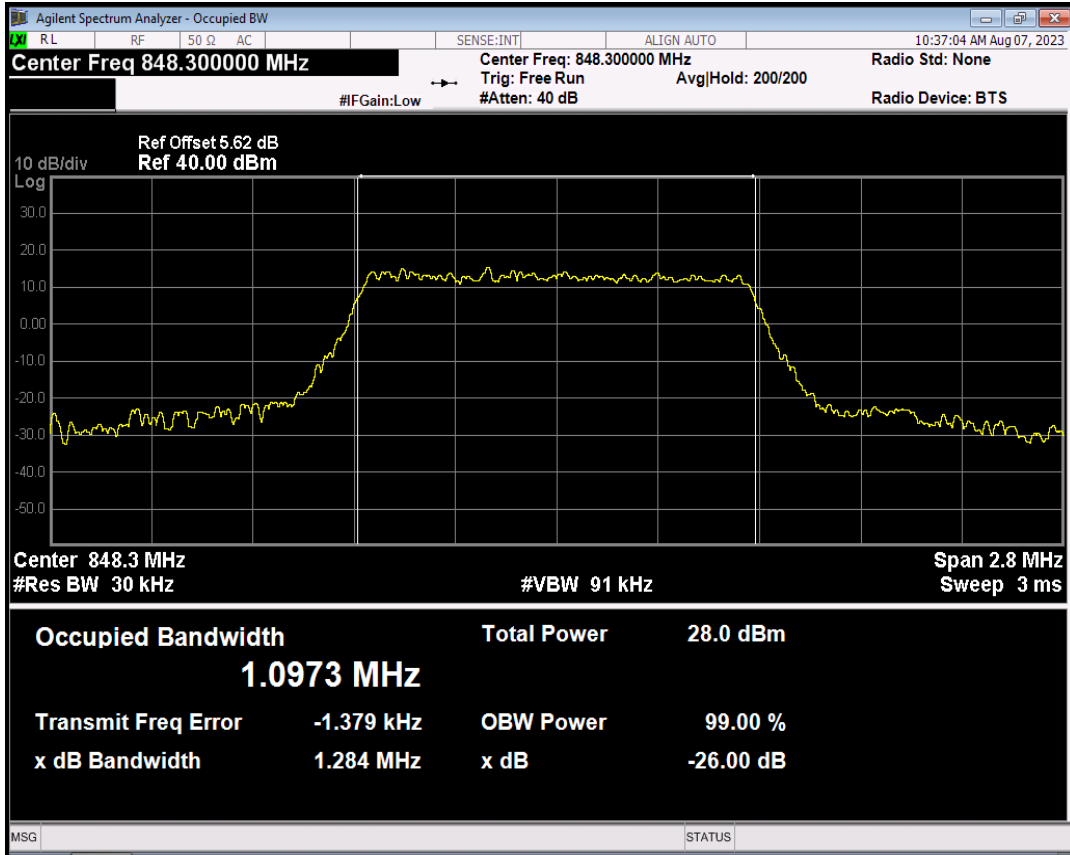




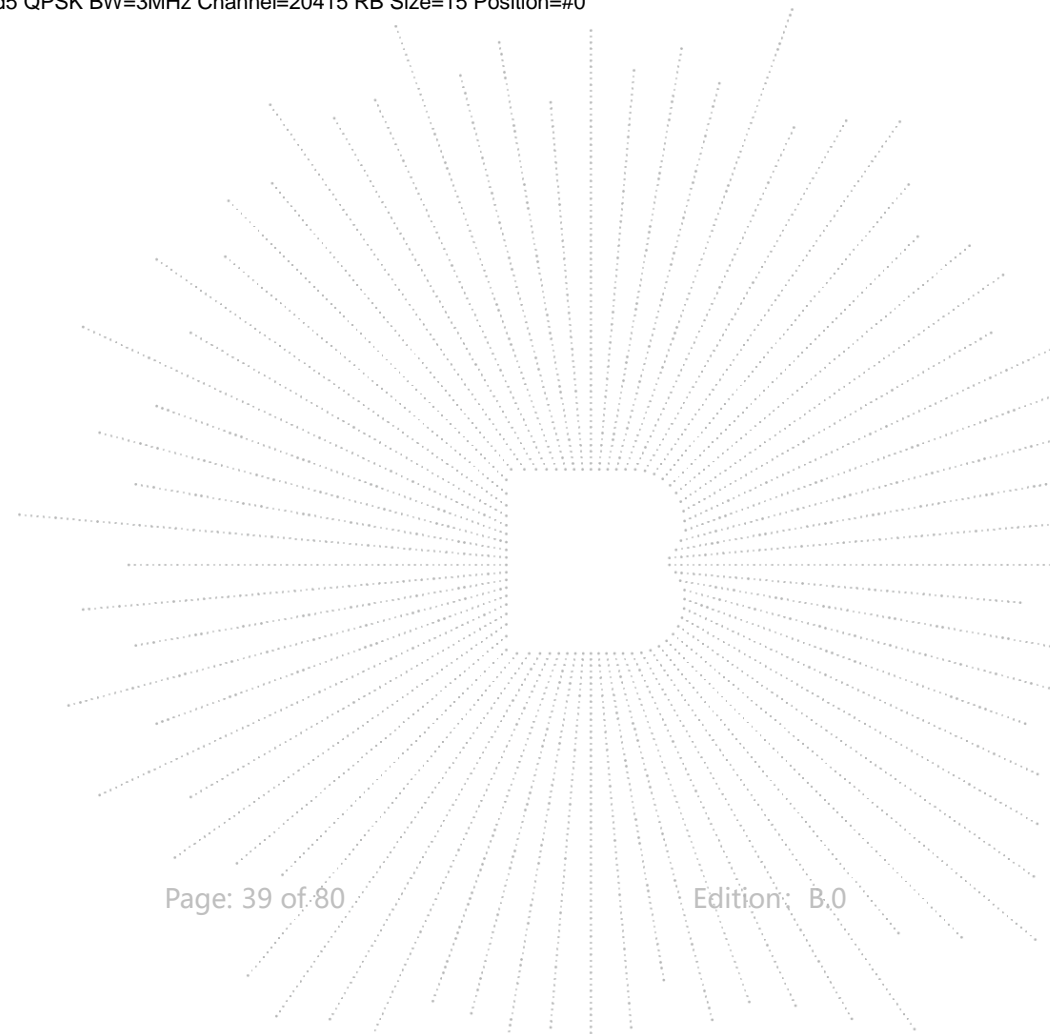
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0

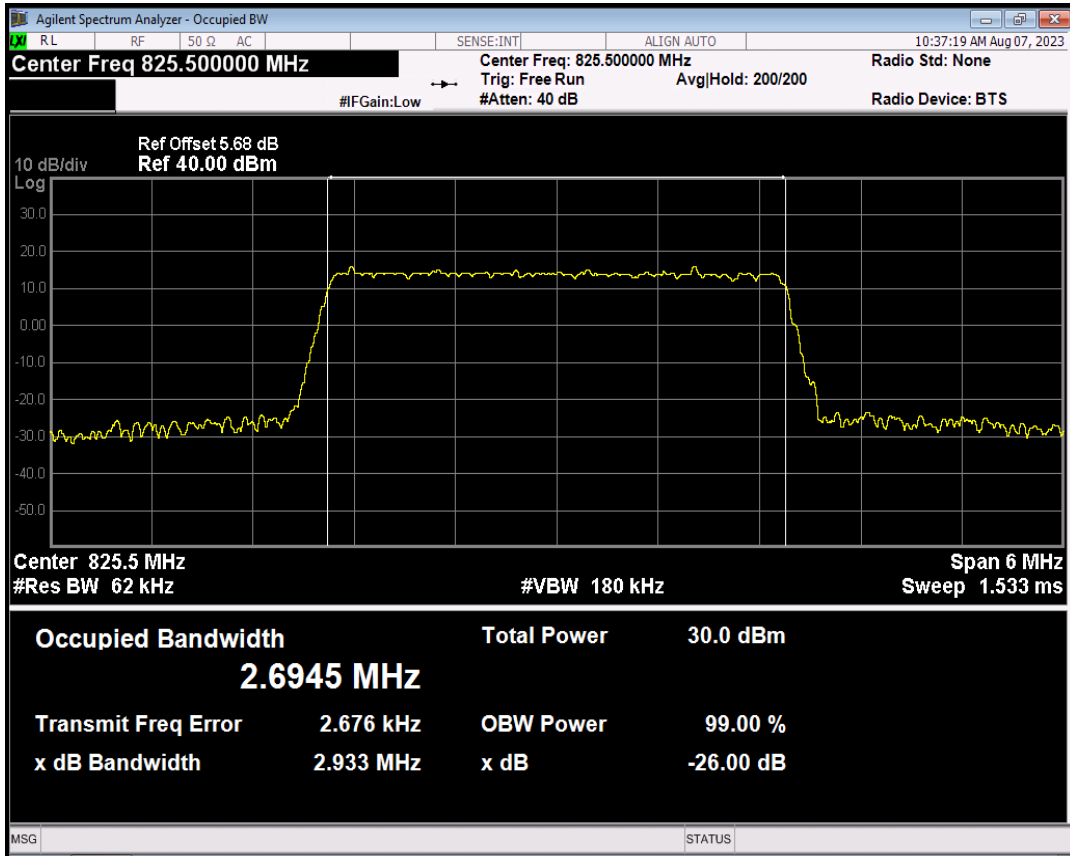


Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0

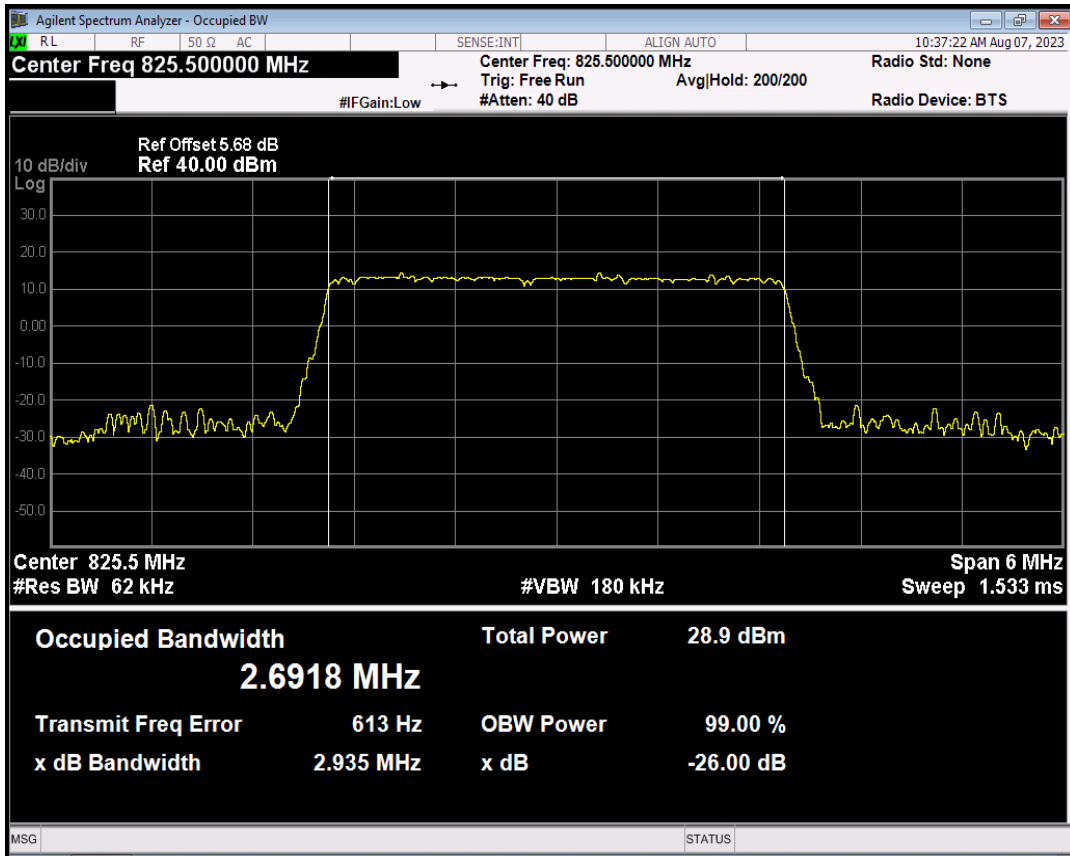


Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



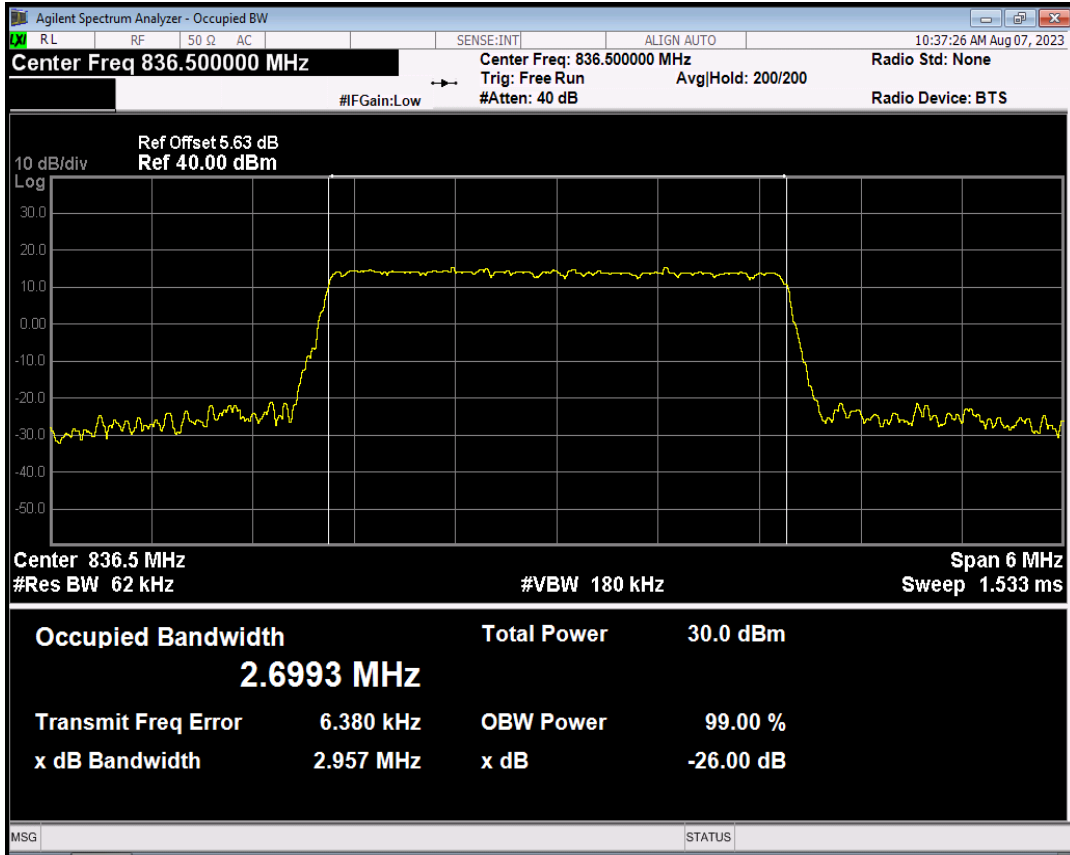


Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0

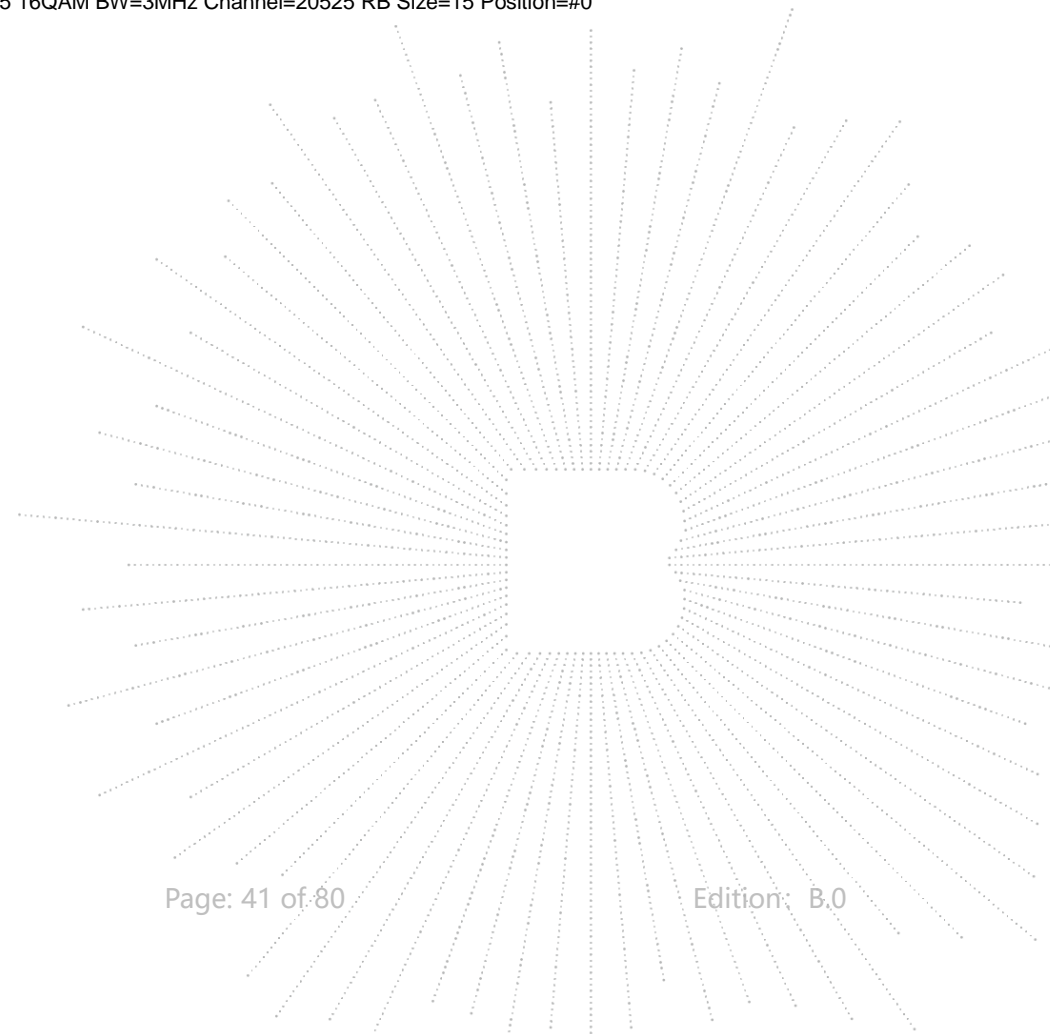


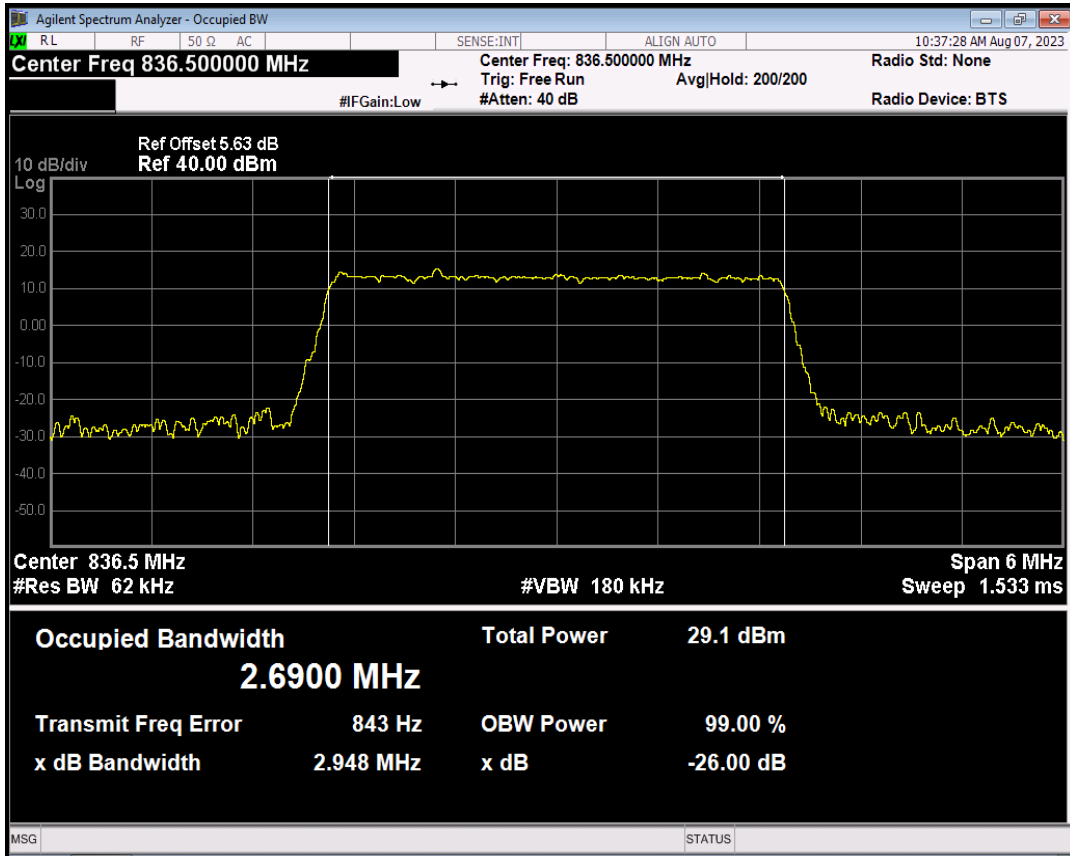


Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0

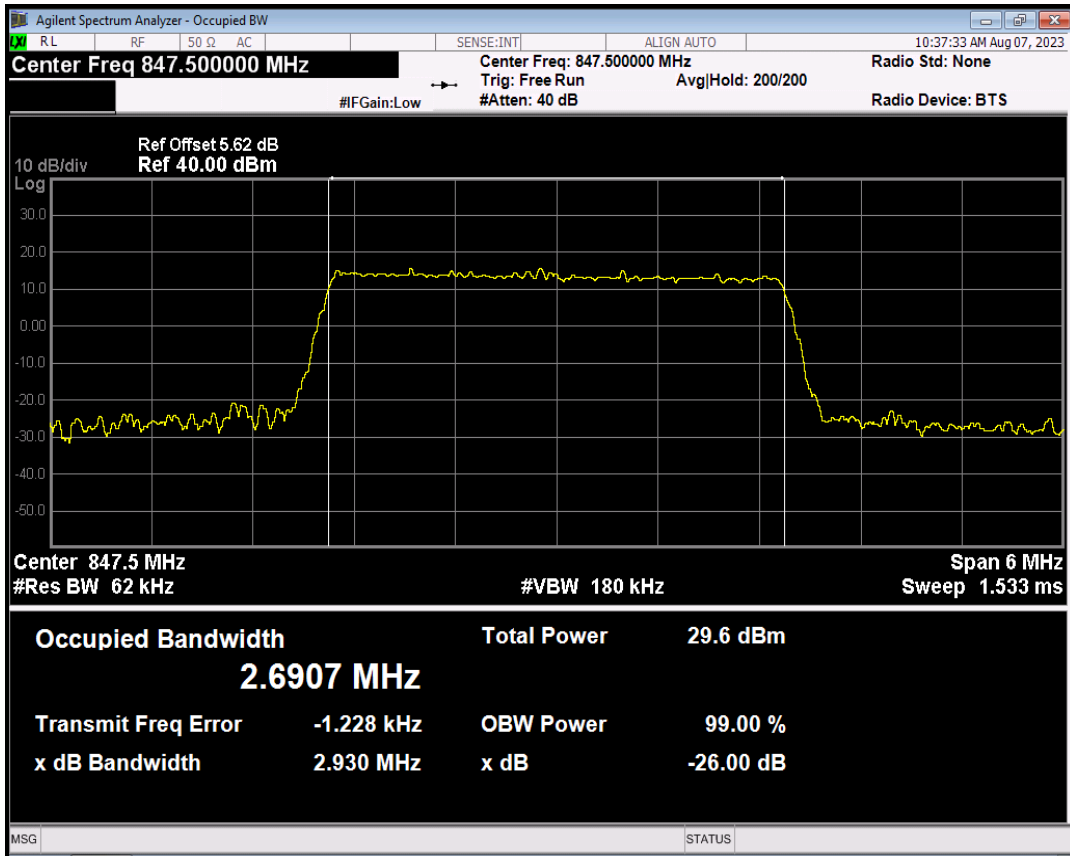


Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0

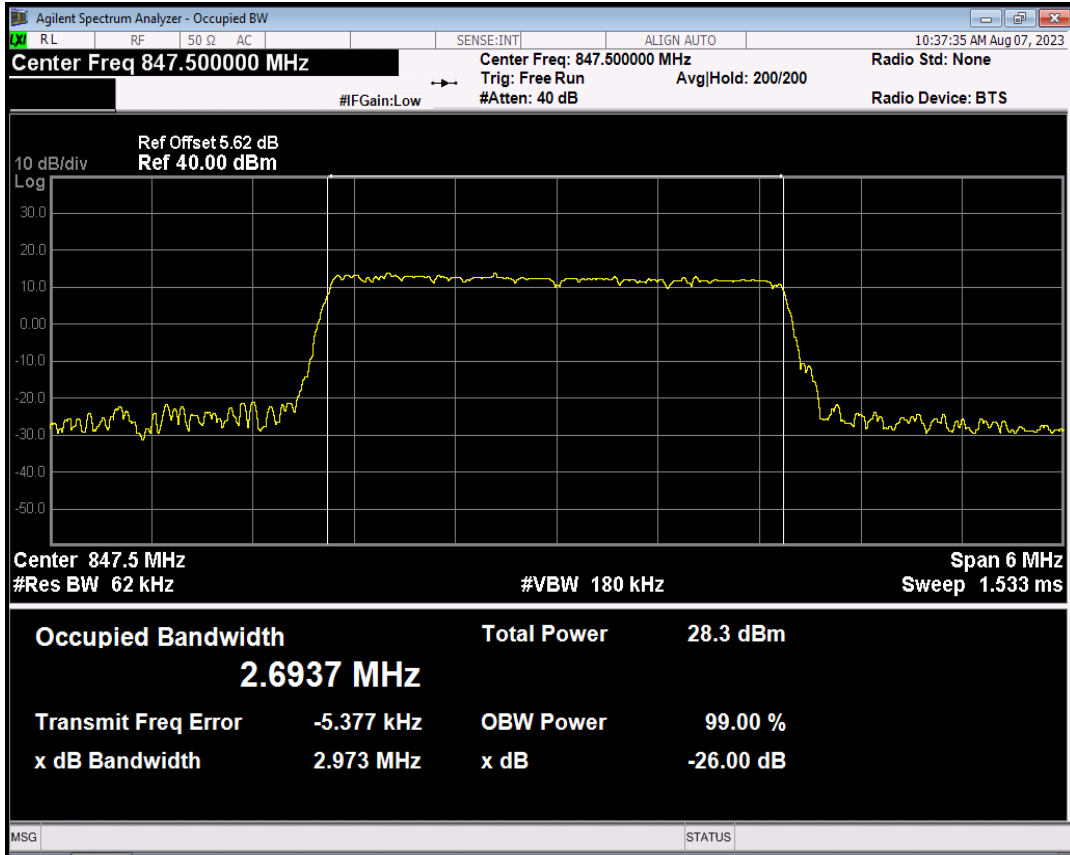




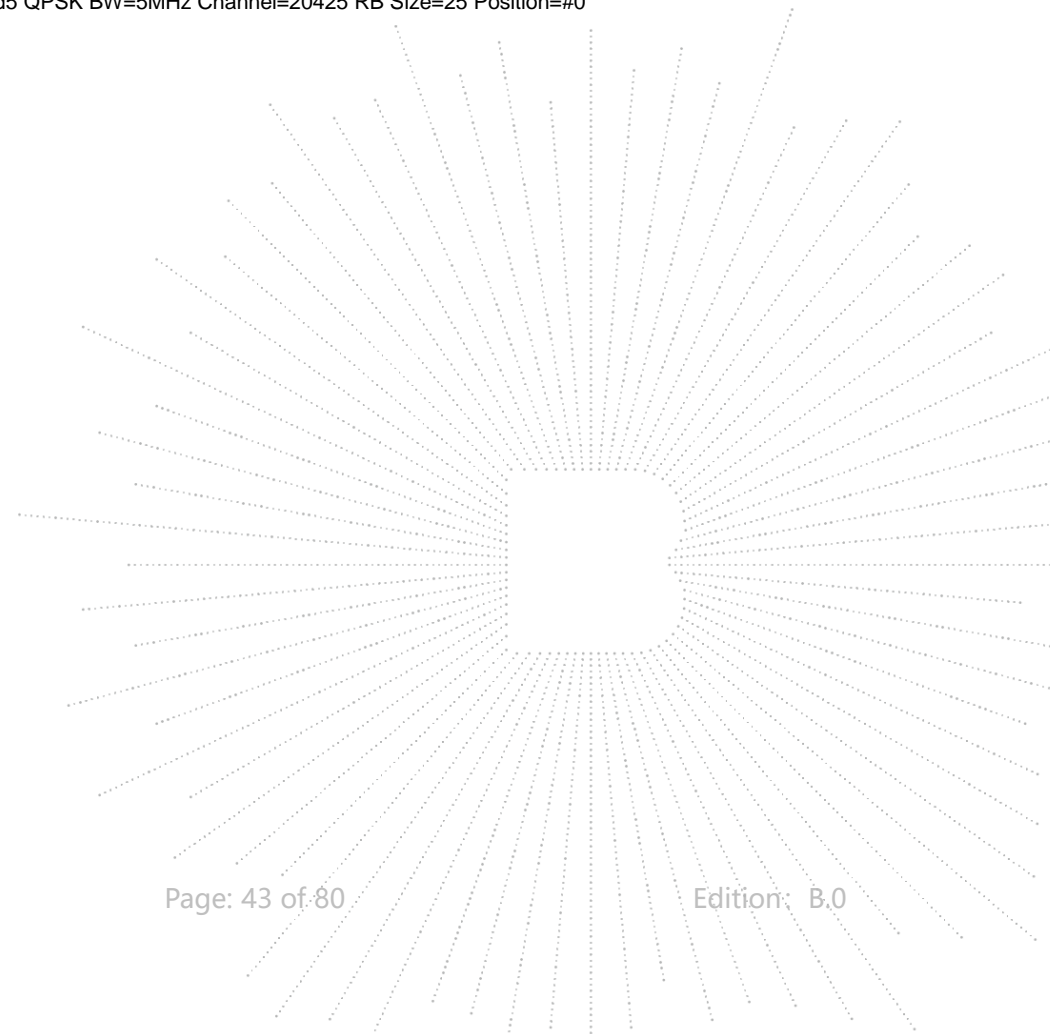
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

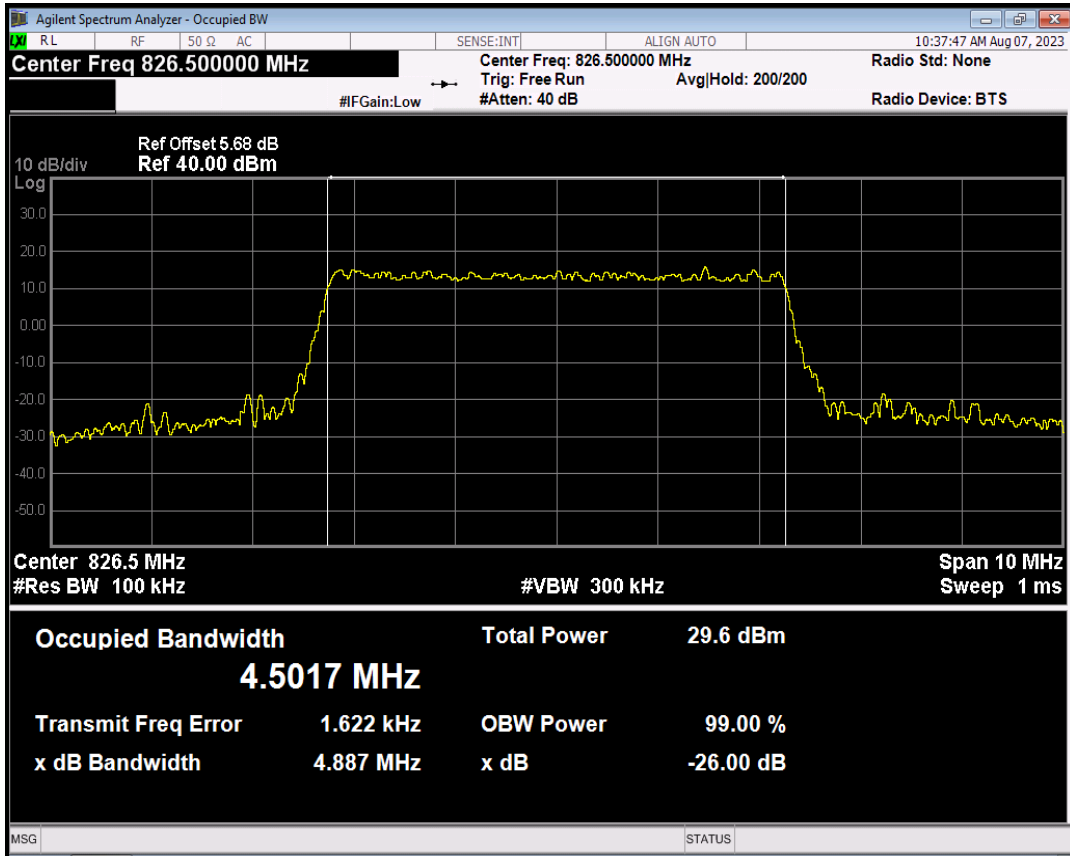


Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0

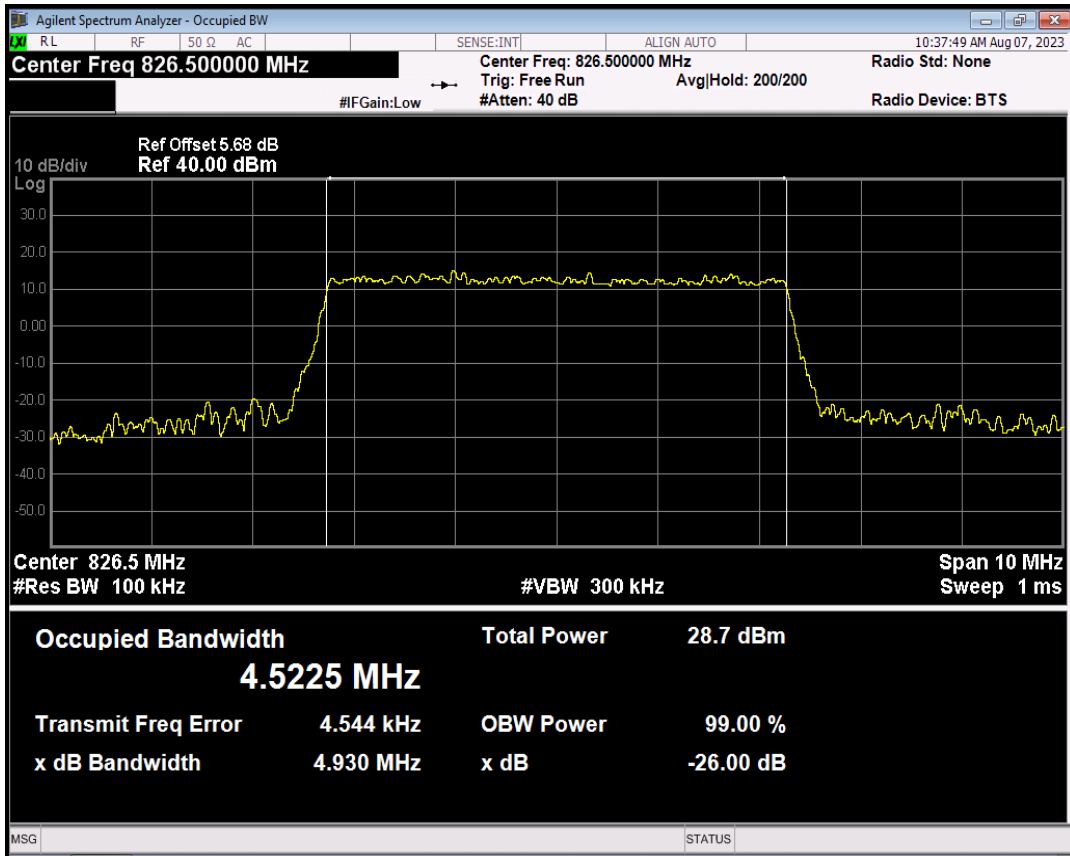


Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0

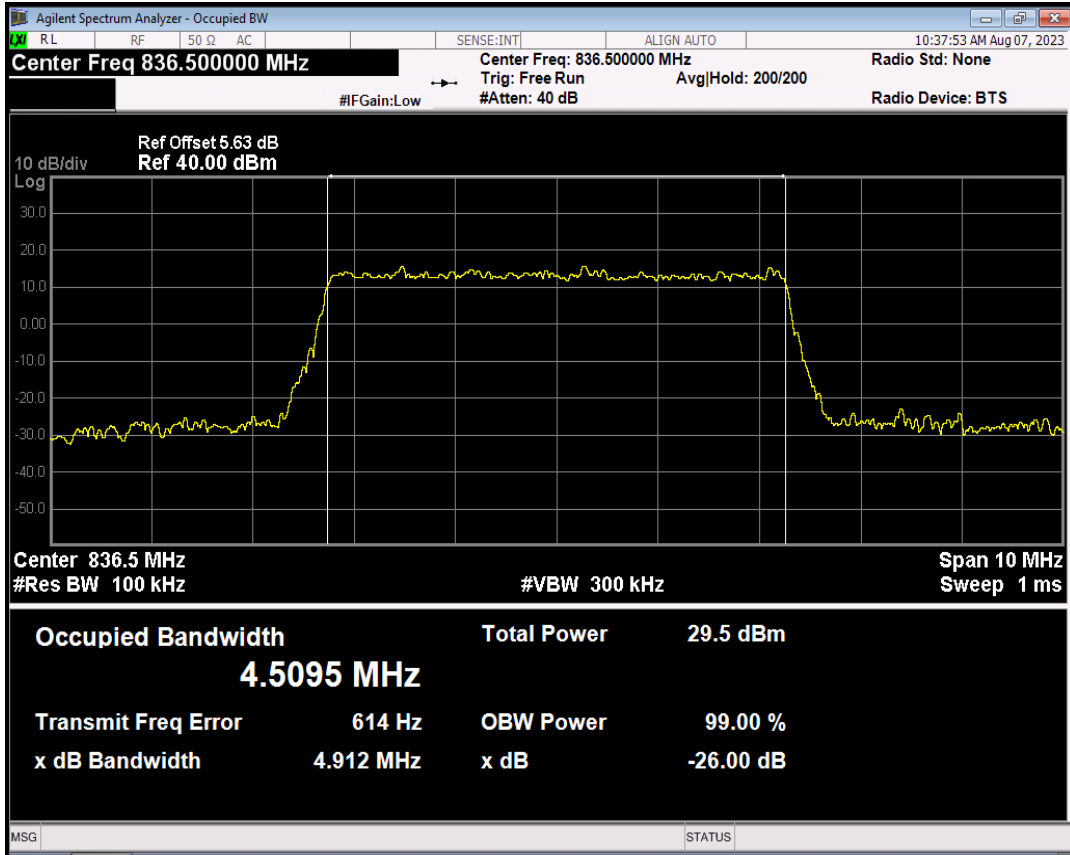




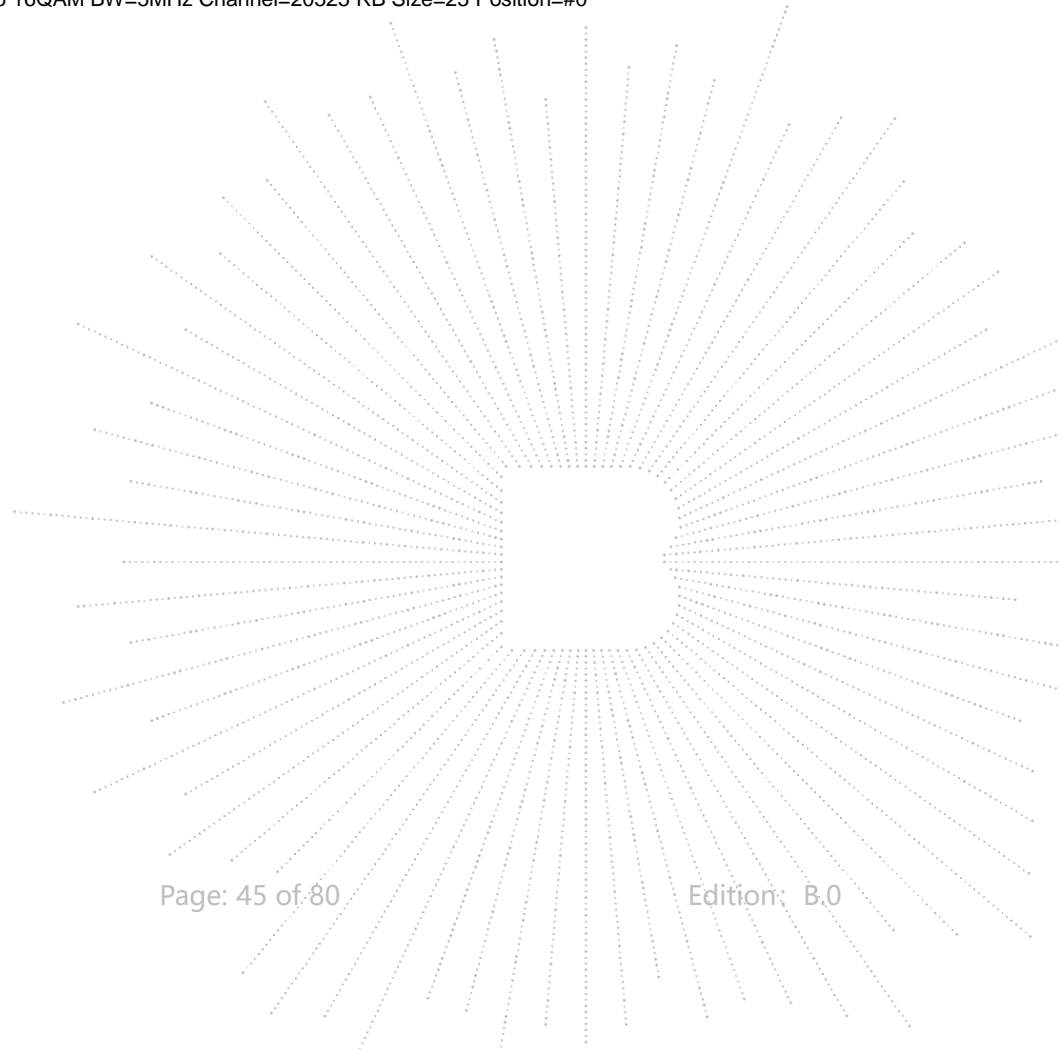
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0

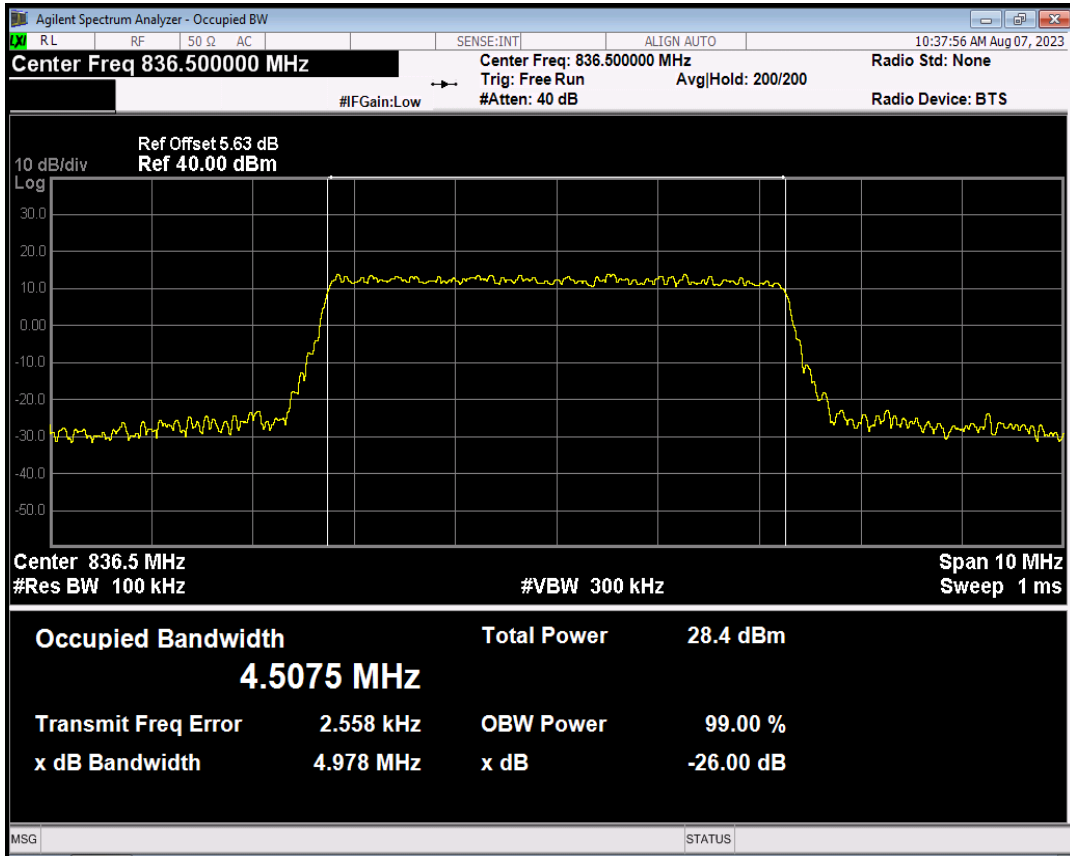


Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0

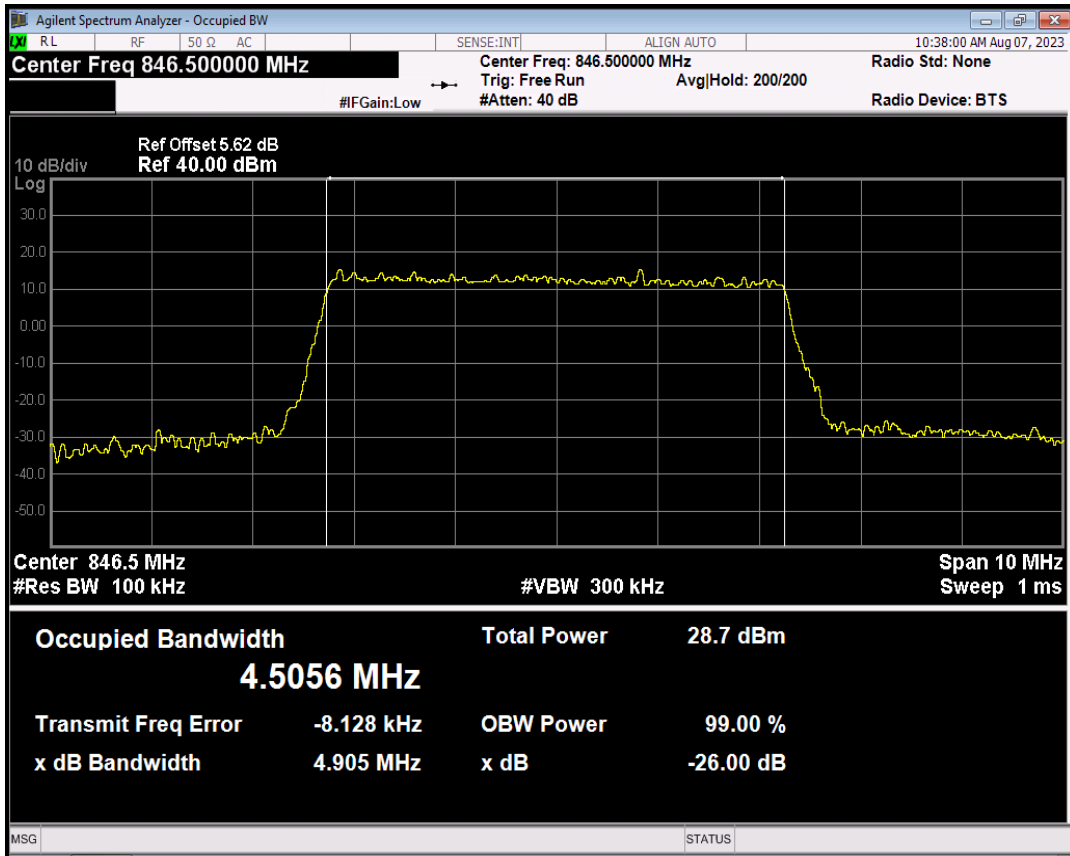


Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0

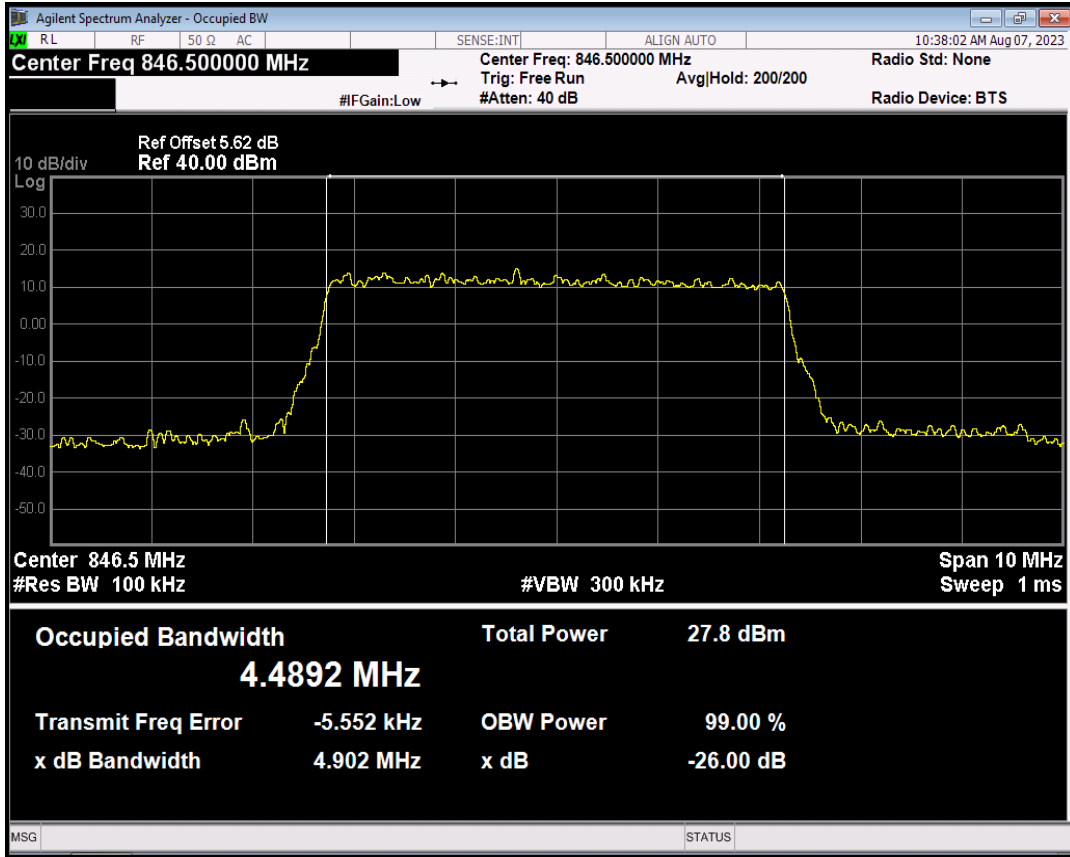




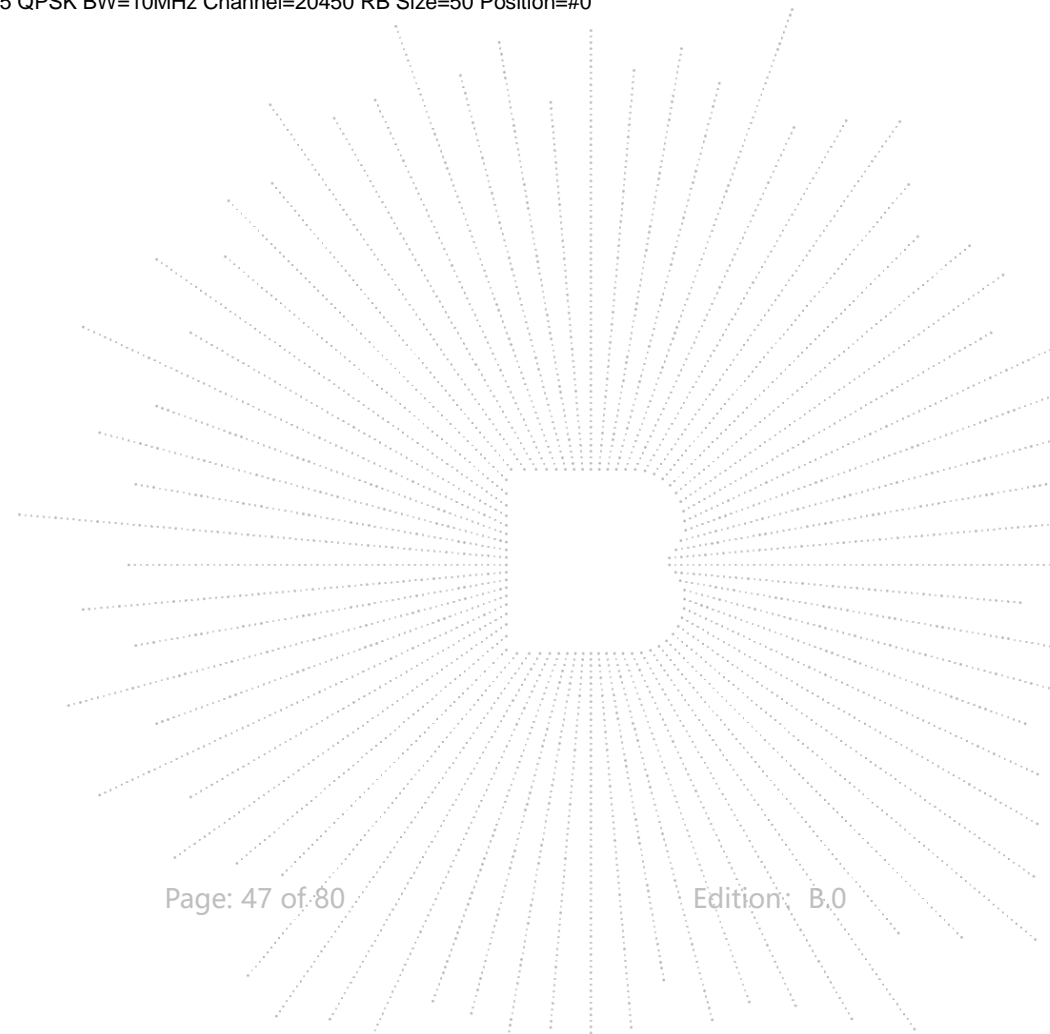
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

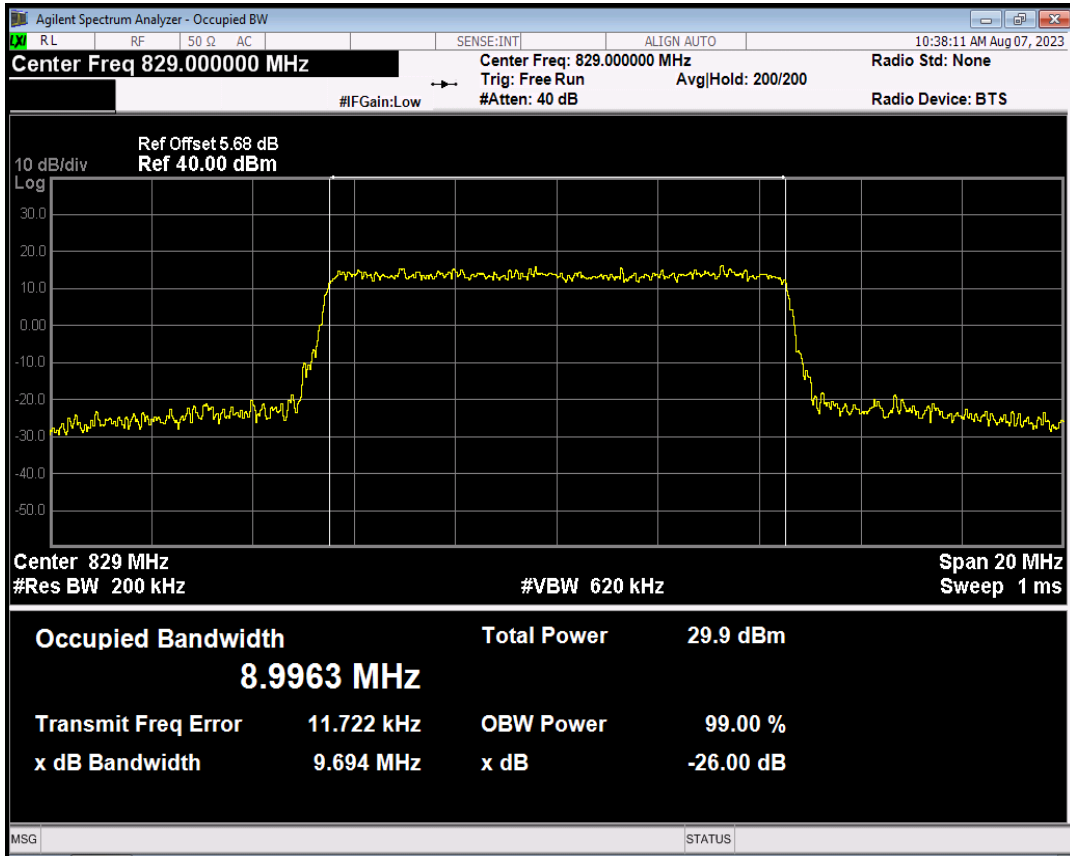


Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0

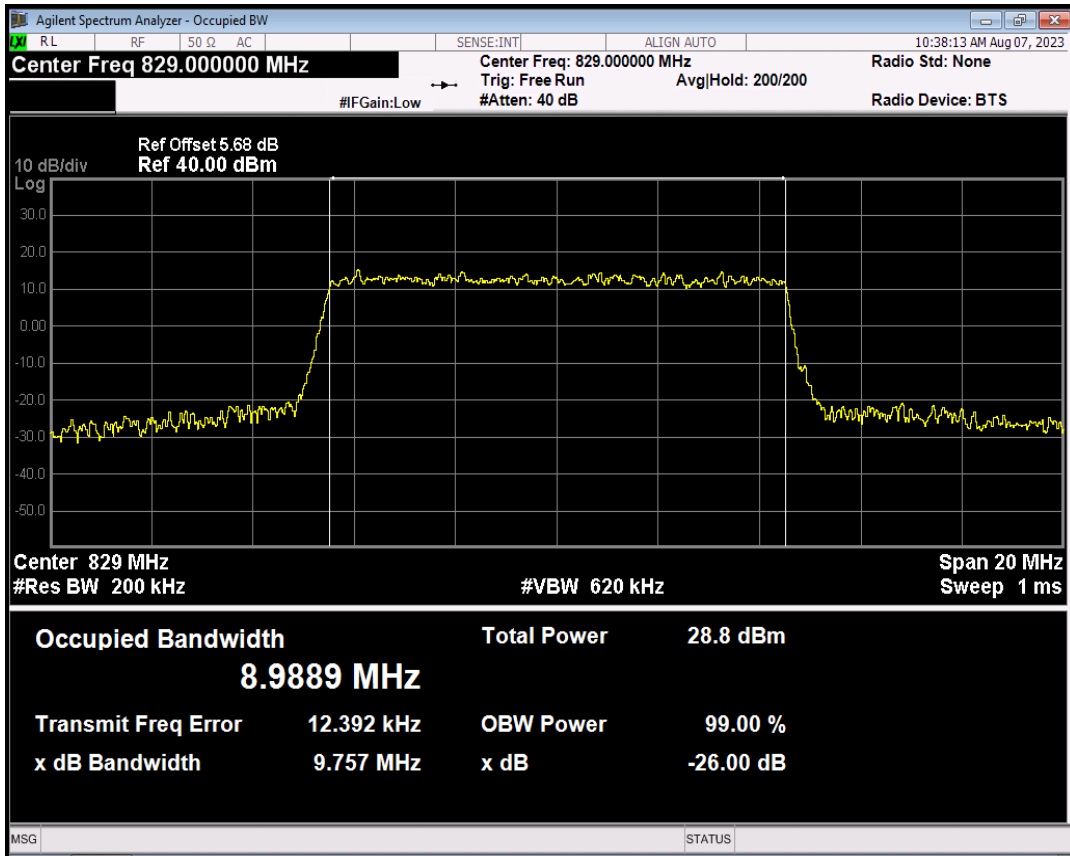


Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0





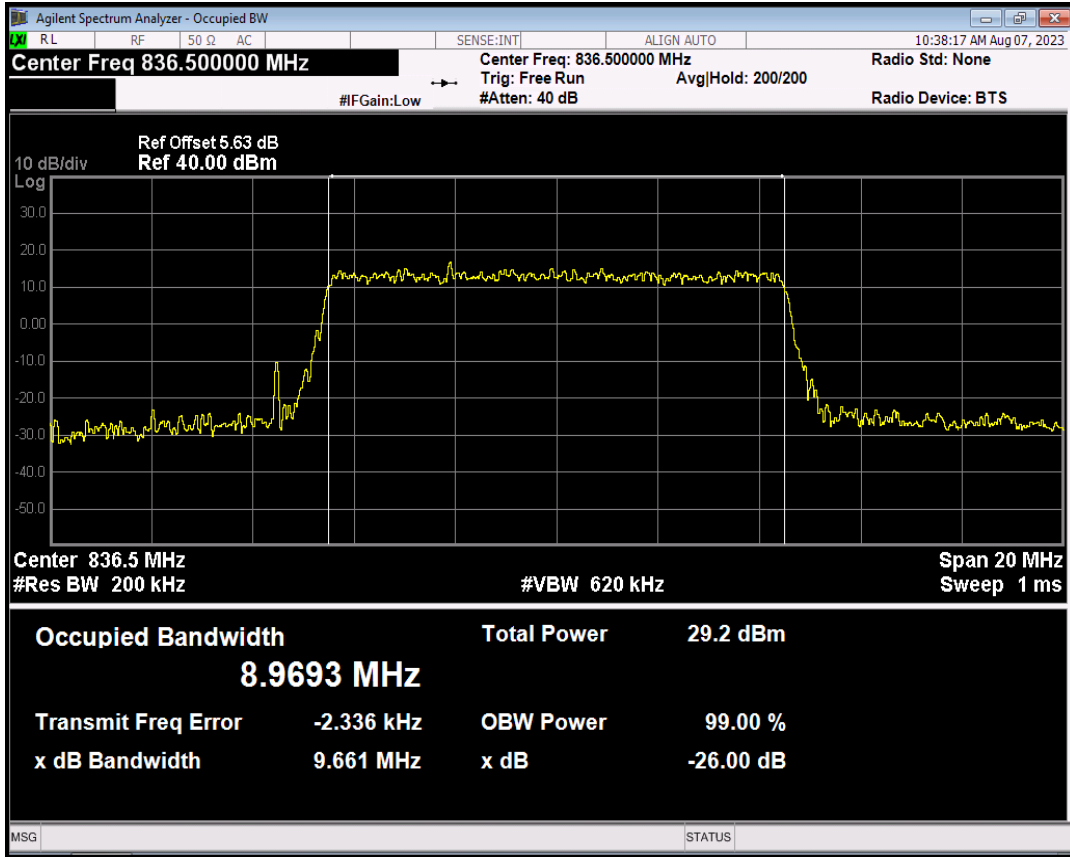
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



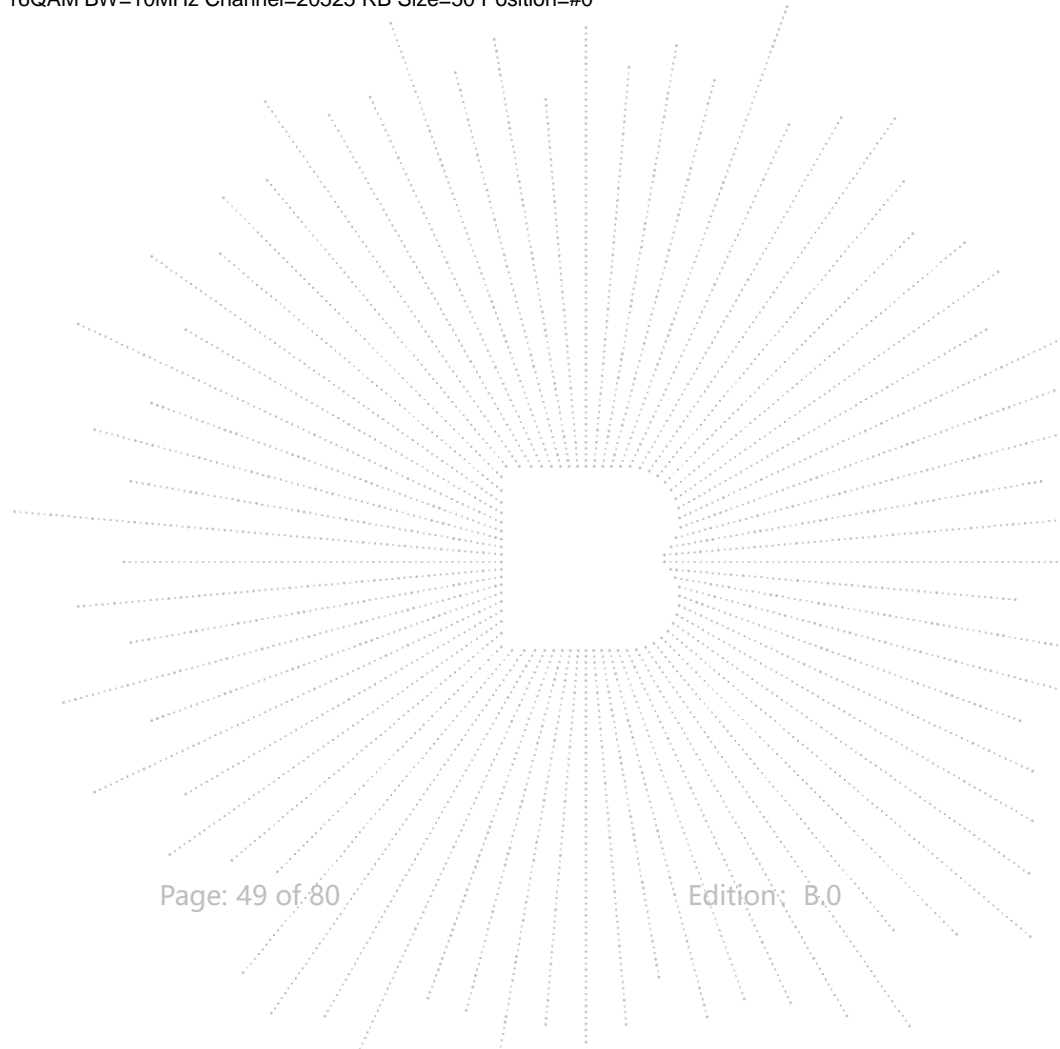


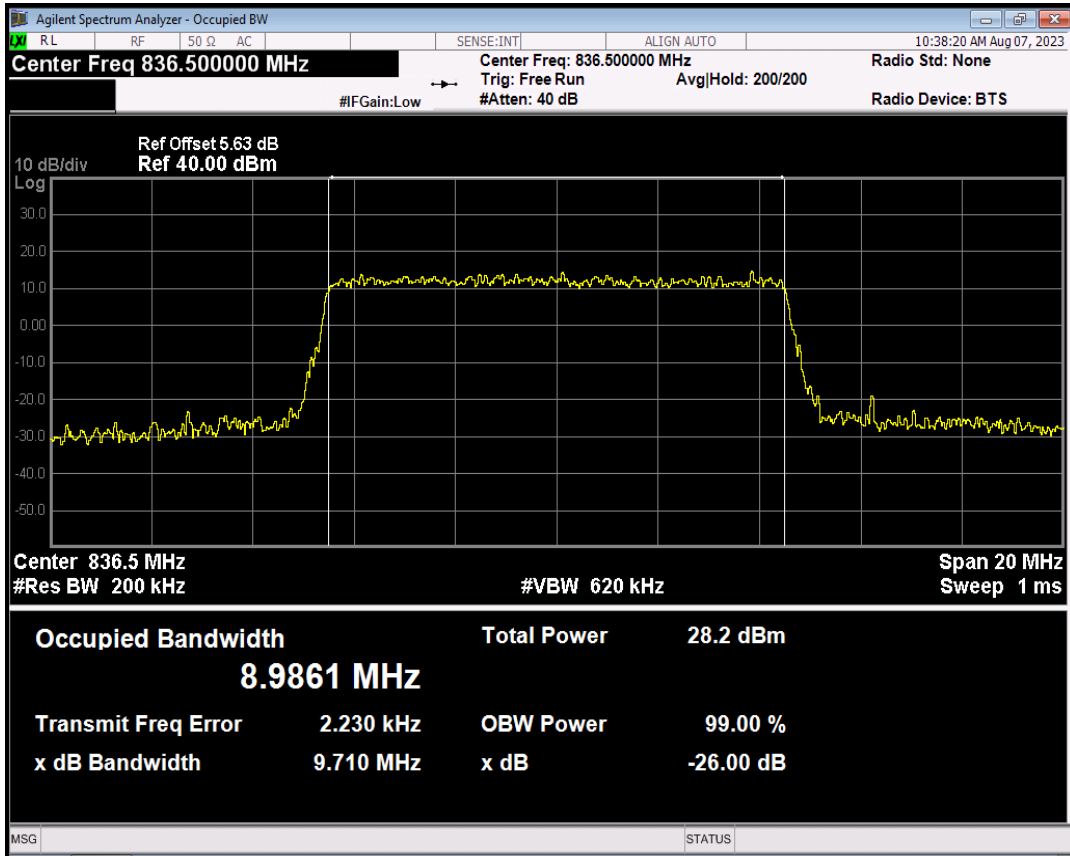


Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0

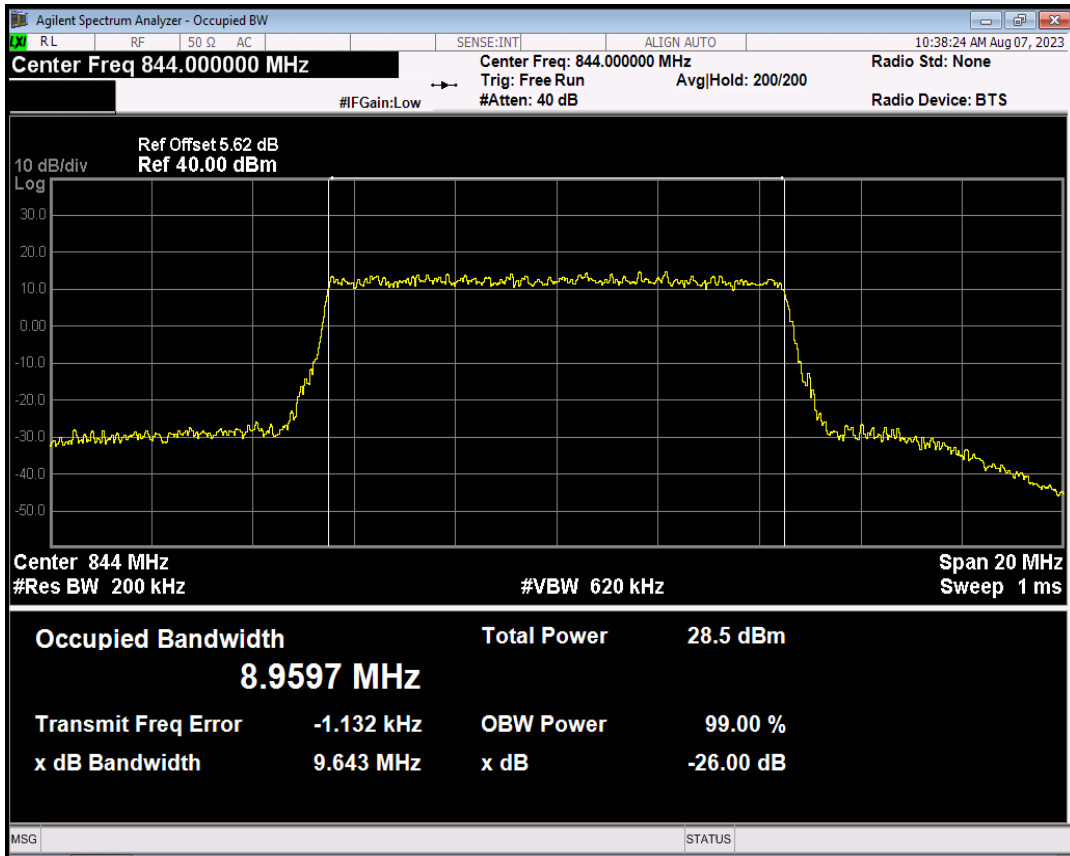


Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0

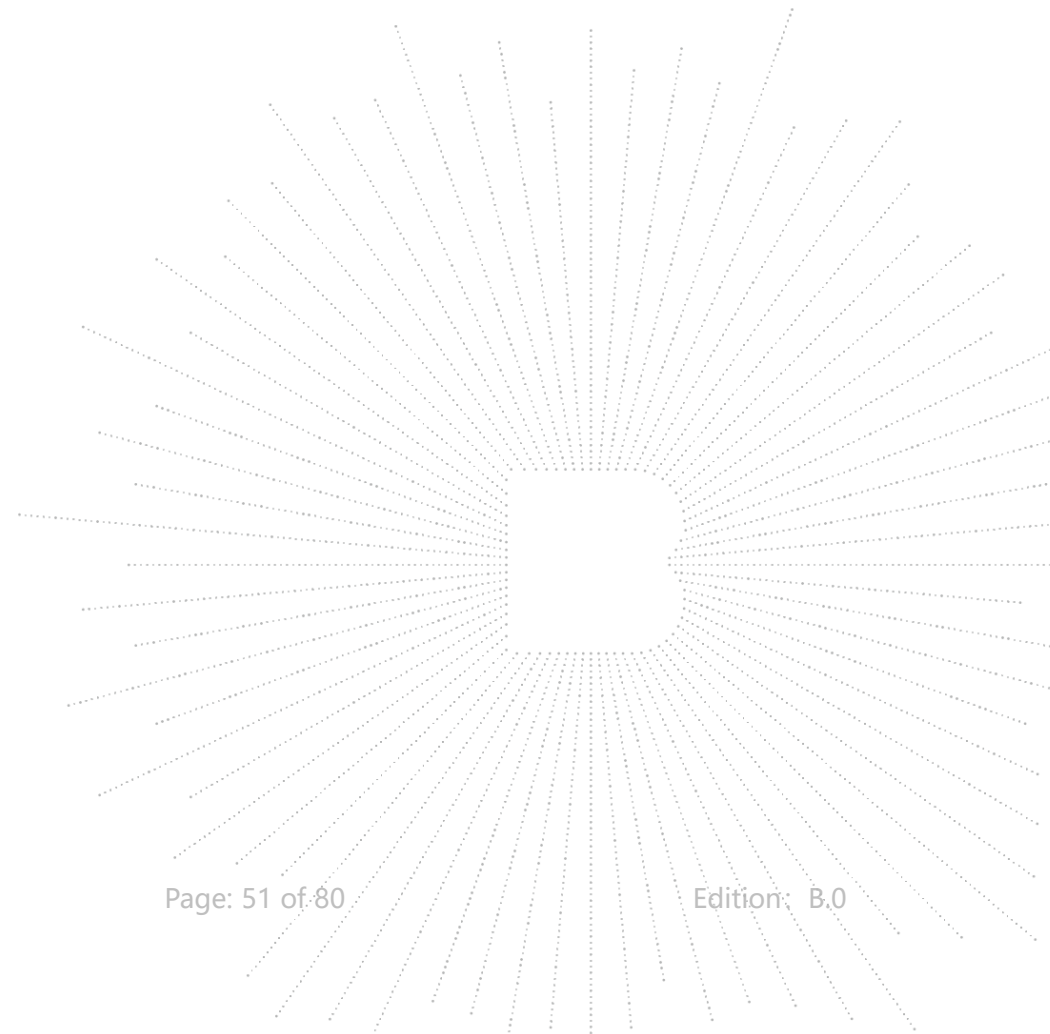
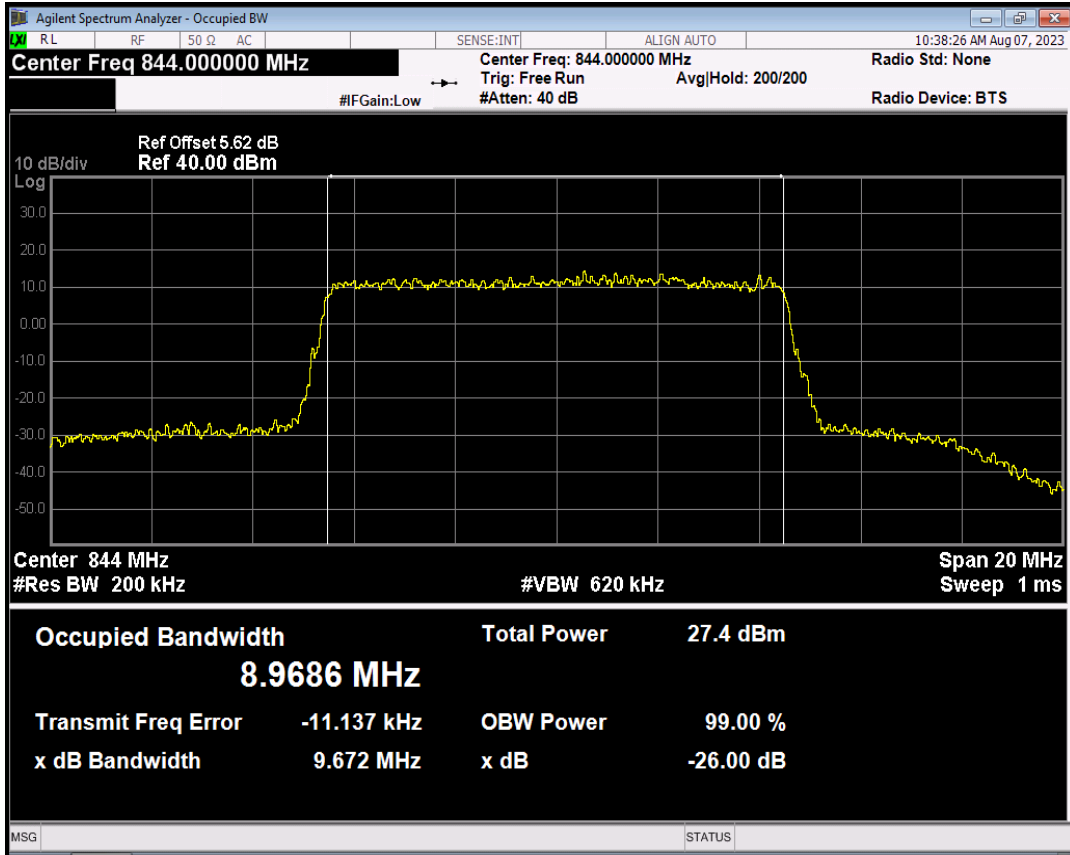




Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



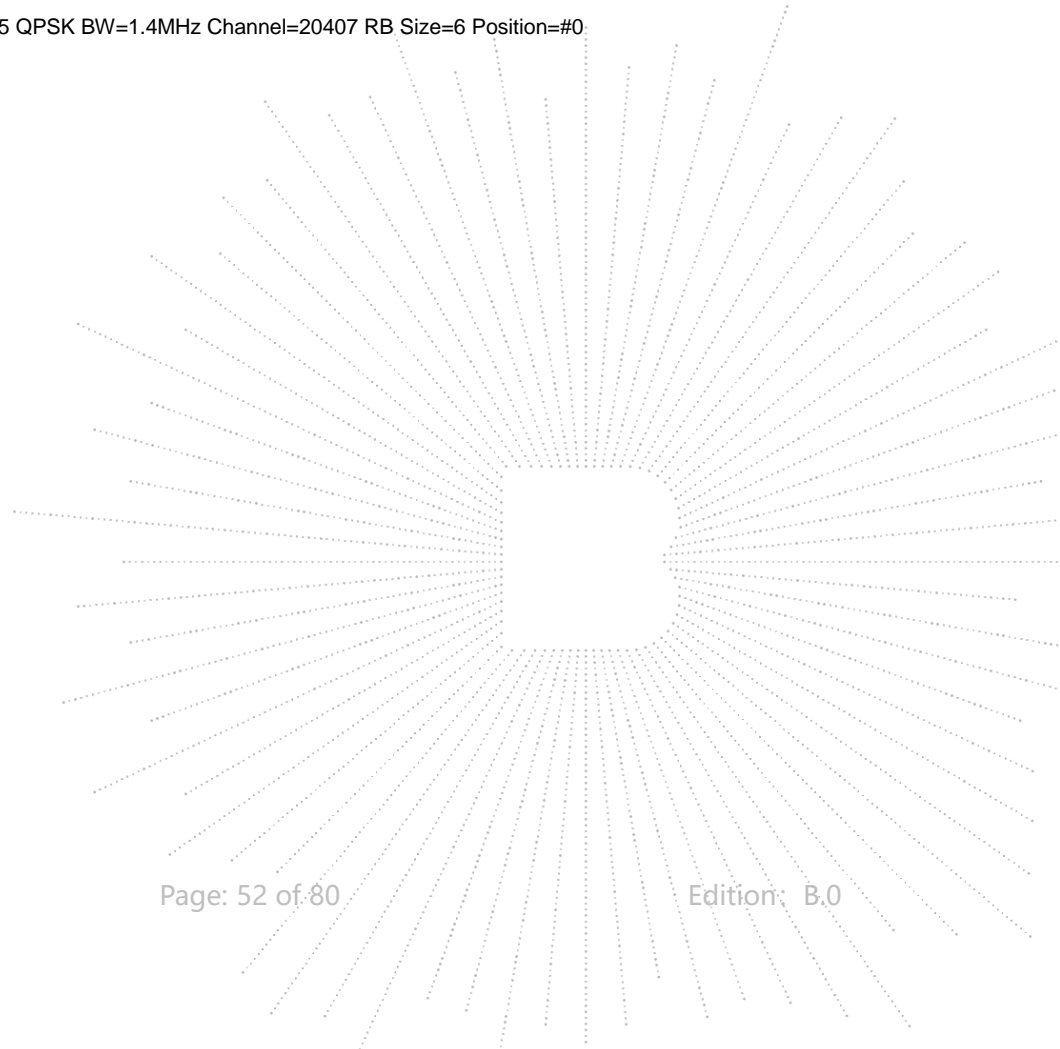
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0

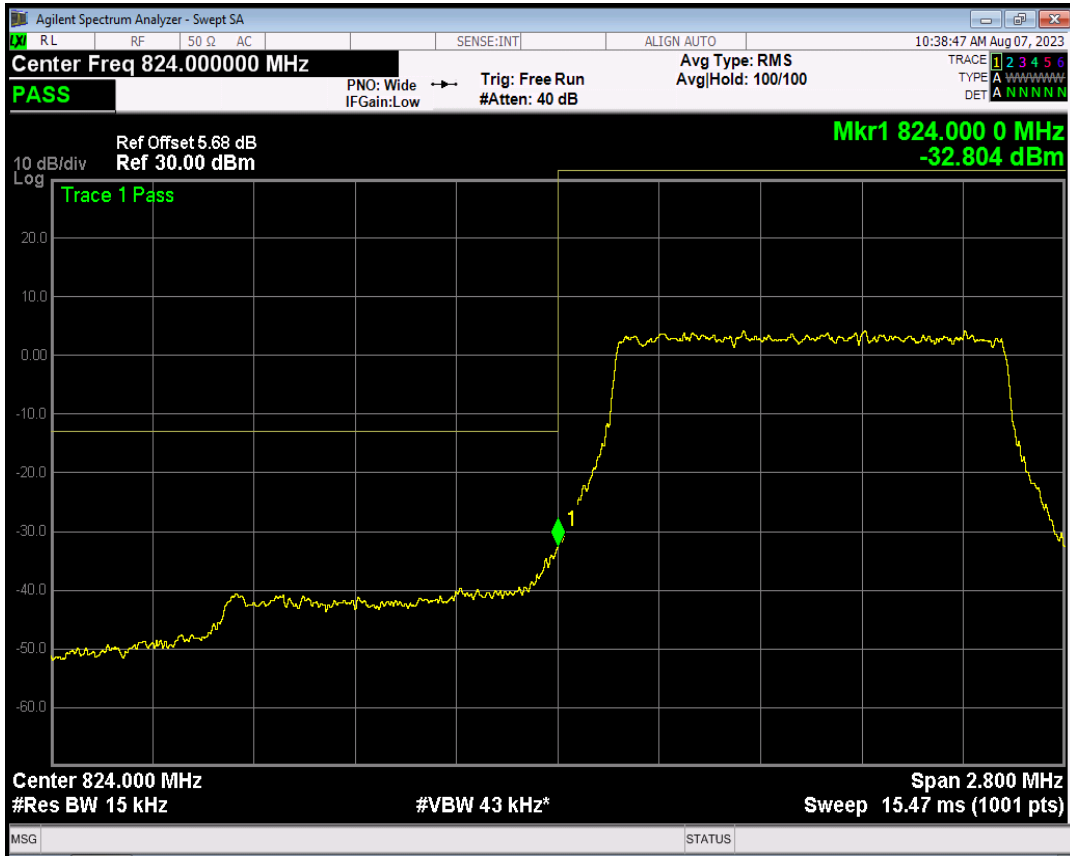


**Appendix 5. Band edge**

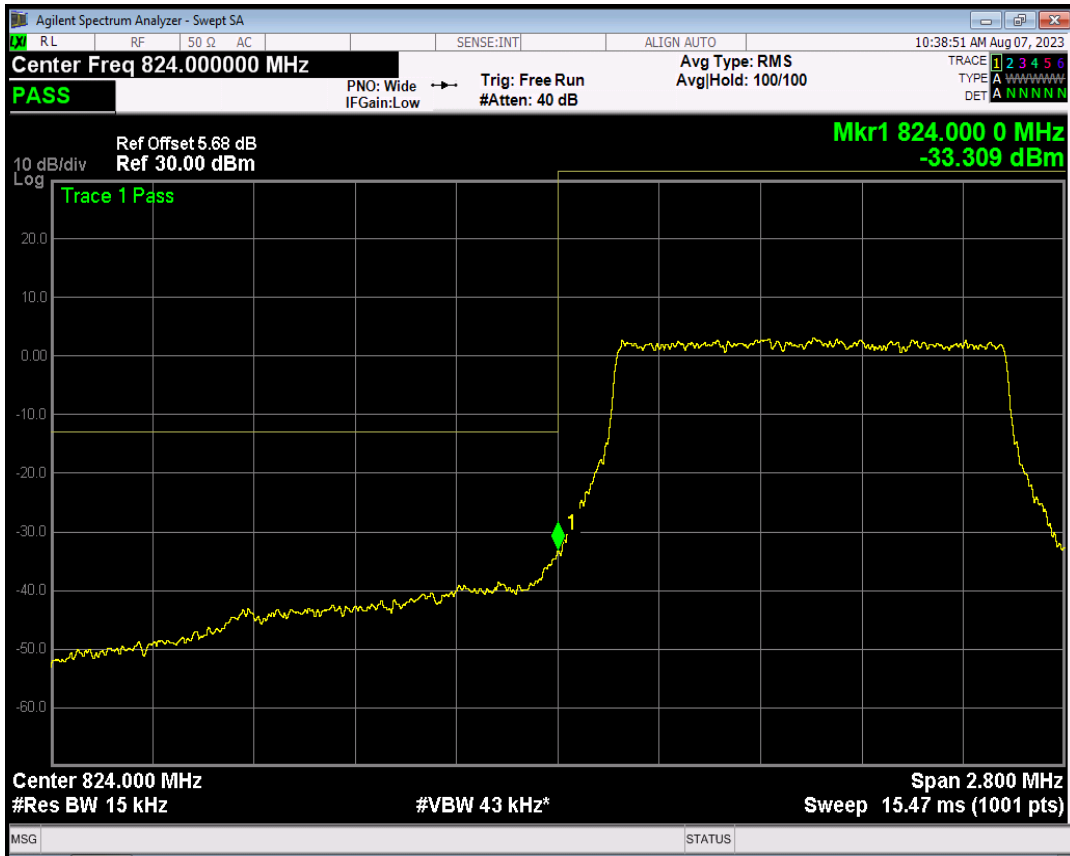
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	824.00	-32.80	-13	PASS
Band5	1.4	20407	6	#0	16QAM	824.00	-33.30	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.01	-32.14	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.00	-32.36	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-32.06	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-33.57	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-33.33	-13	PASS
Band5	3	20635	15	#0	16QAM	849.00	-34.21	-13	PASS
Band5	5	20425	25	#0	QPSK	823.97	-30.87	-13	PASS
Band5	5	20425	25	#0	16QAM	824.00	-30.70	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-32.89	-13	PASS
Band5	5	20625	25	#0	16QAM	849.03	-34.33	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-34.00	-13	PASS
Band5	10	20450	50	#0	16QAM	823.90	-36.30	-13	PASS
Band5	10	20600	50	#0	QPSK	849.04	-36.33	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-37.91	-13	PASS

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

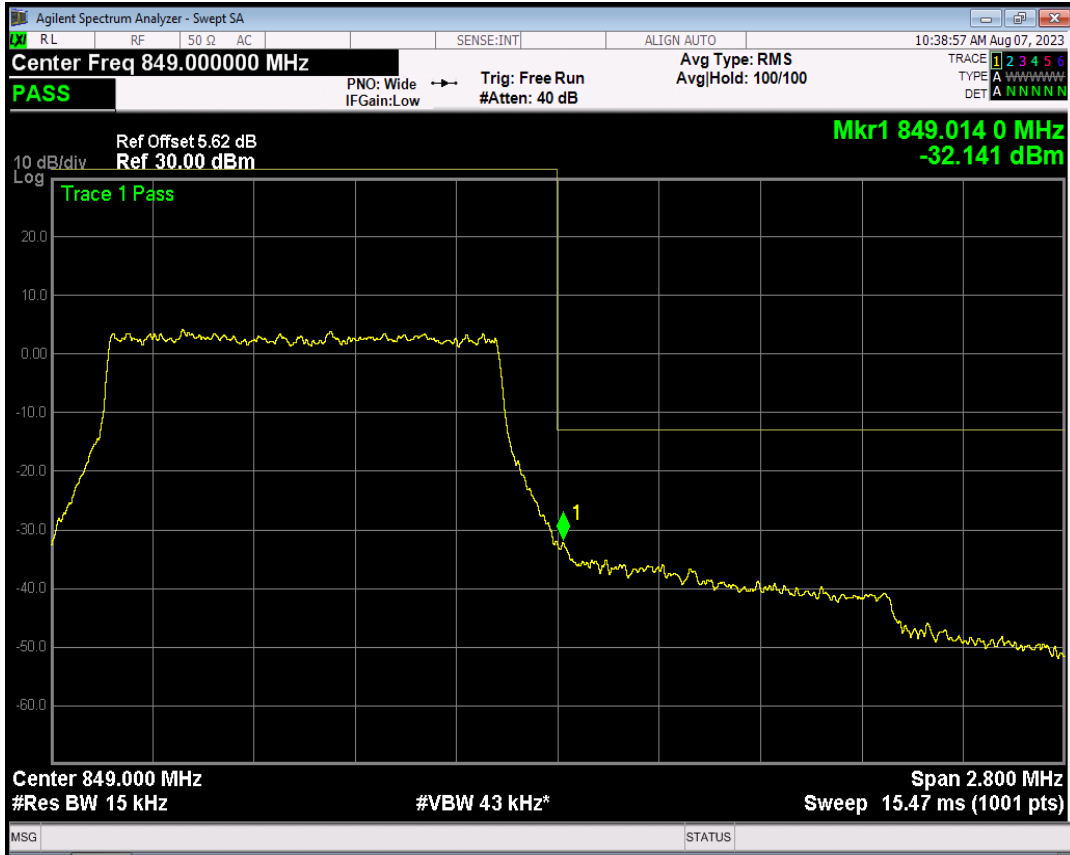




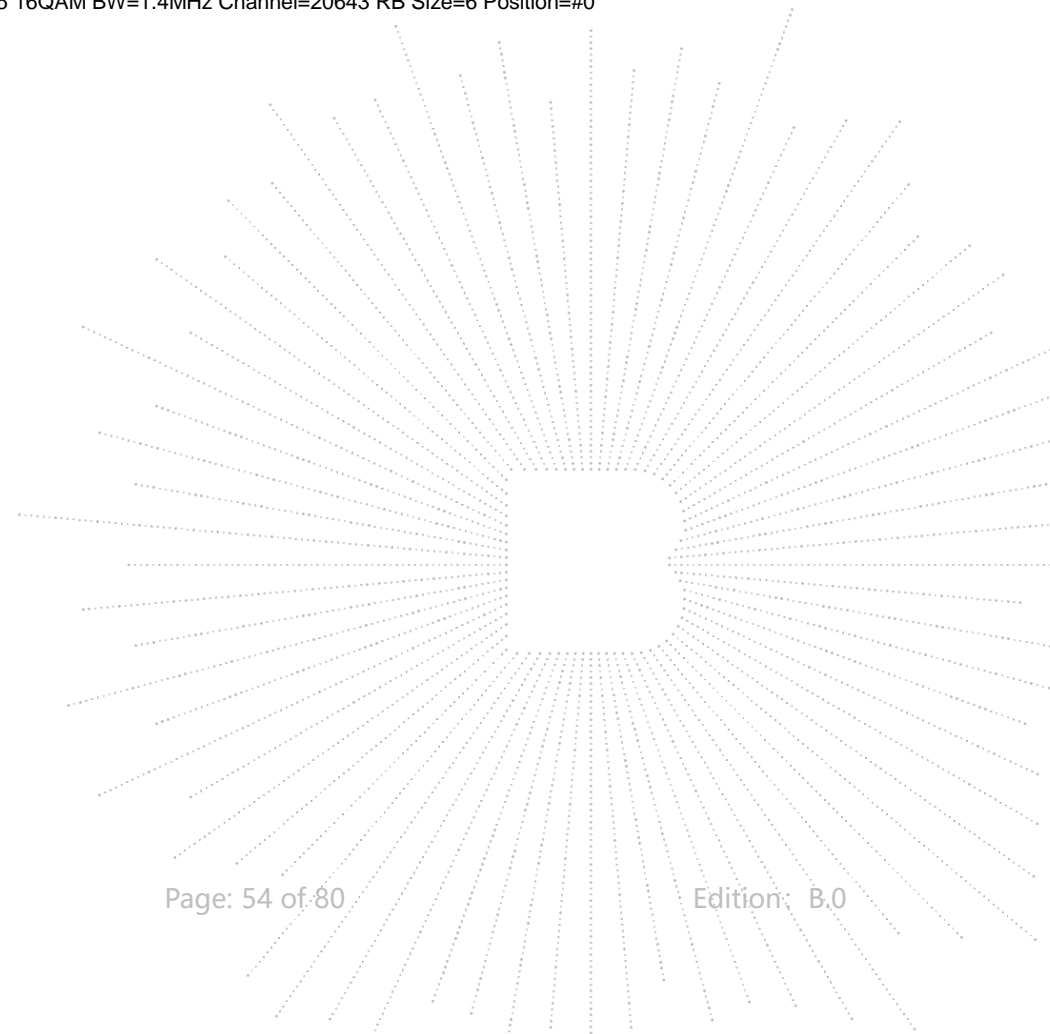
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



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

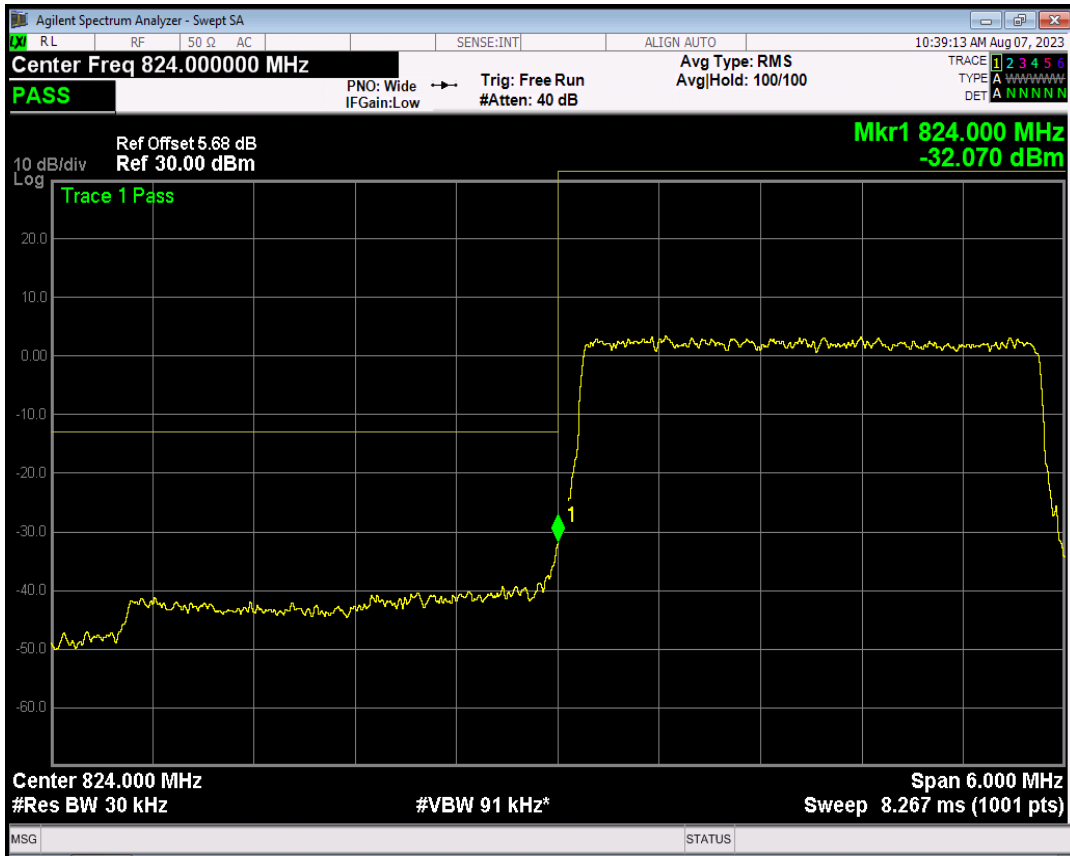


Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



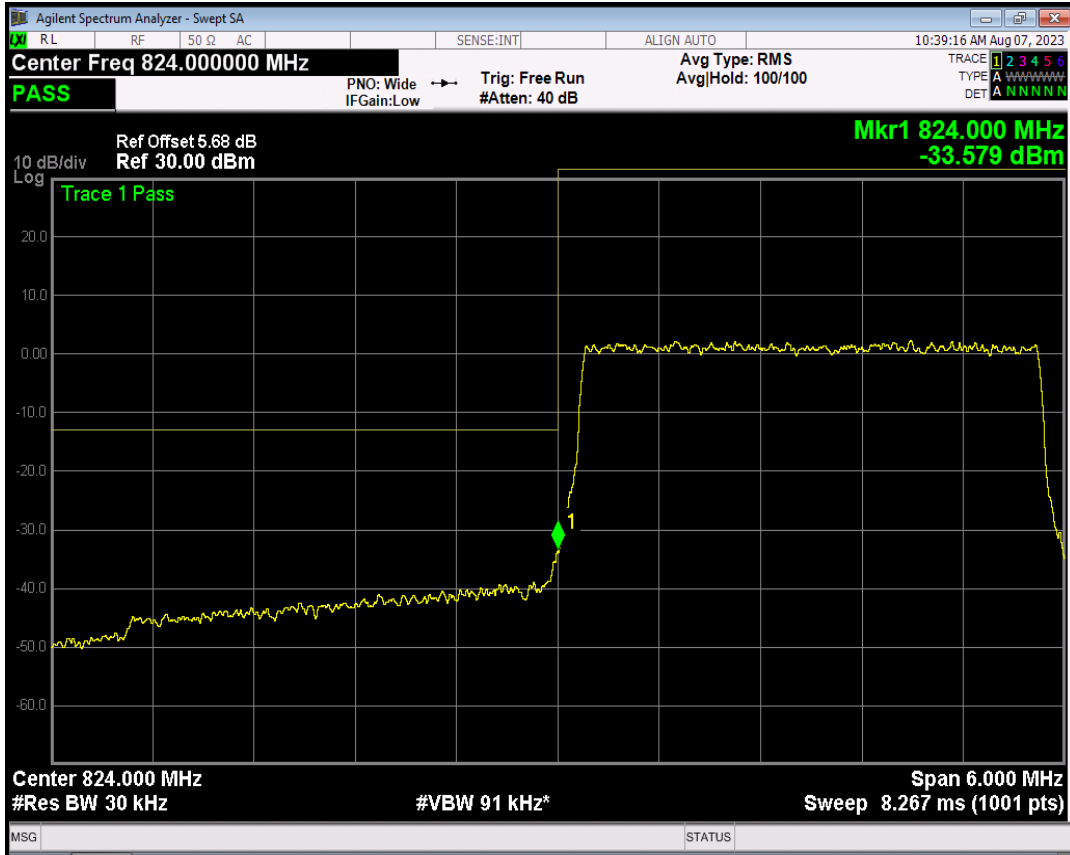


Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0

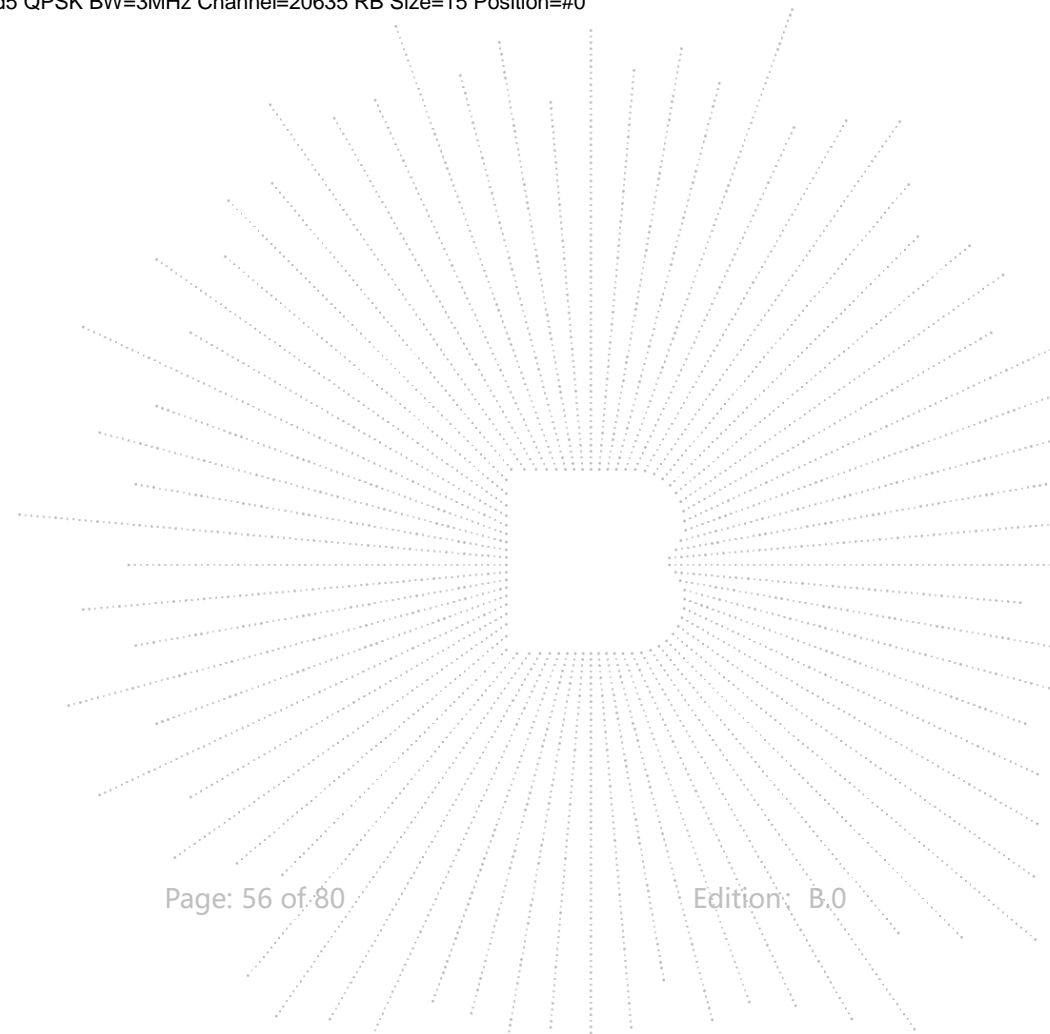




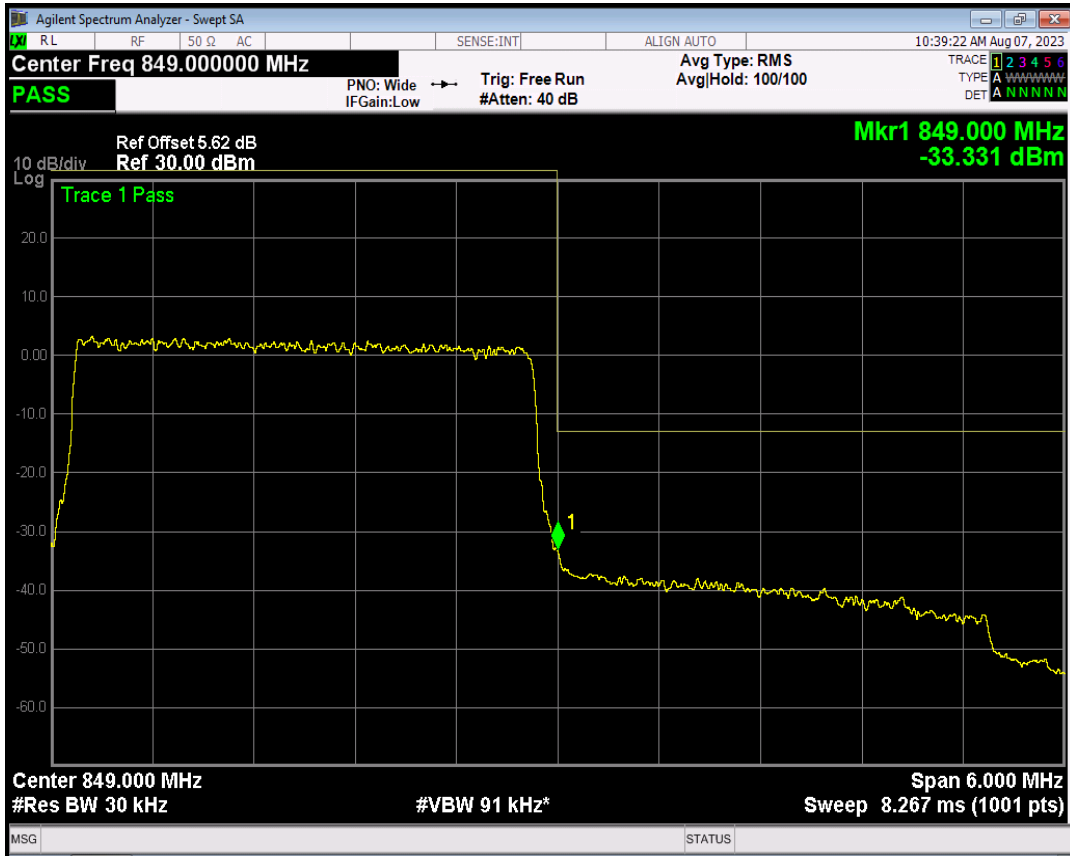
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



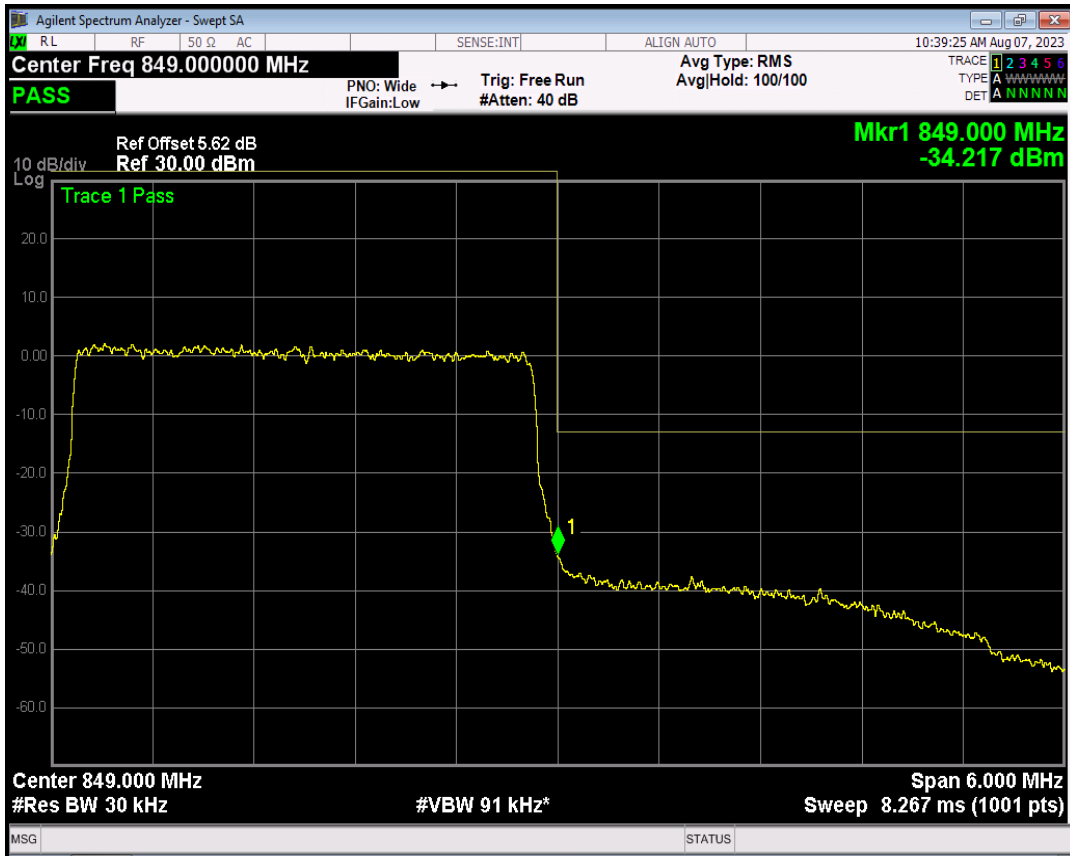
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0





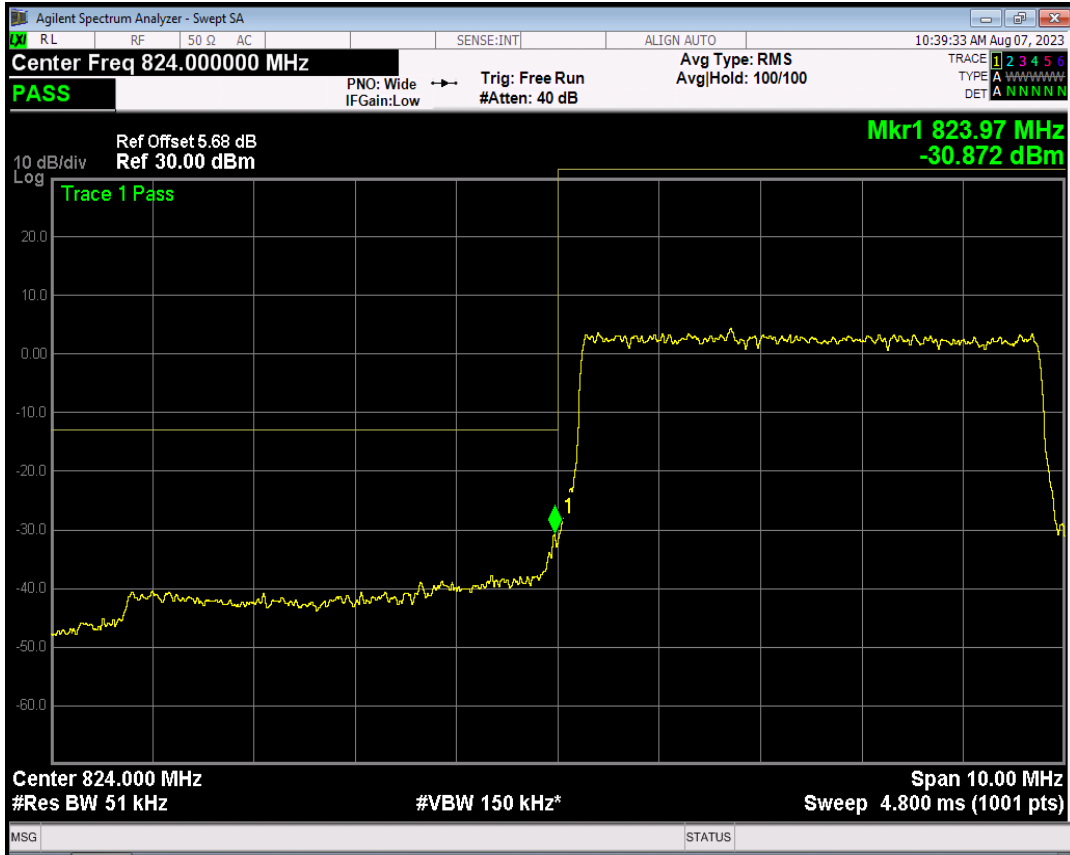


Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0

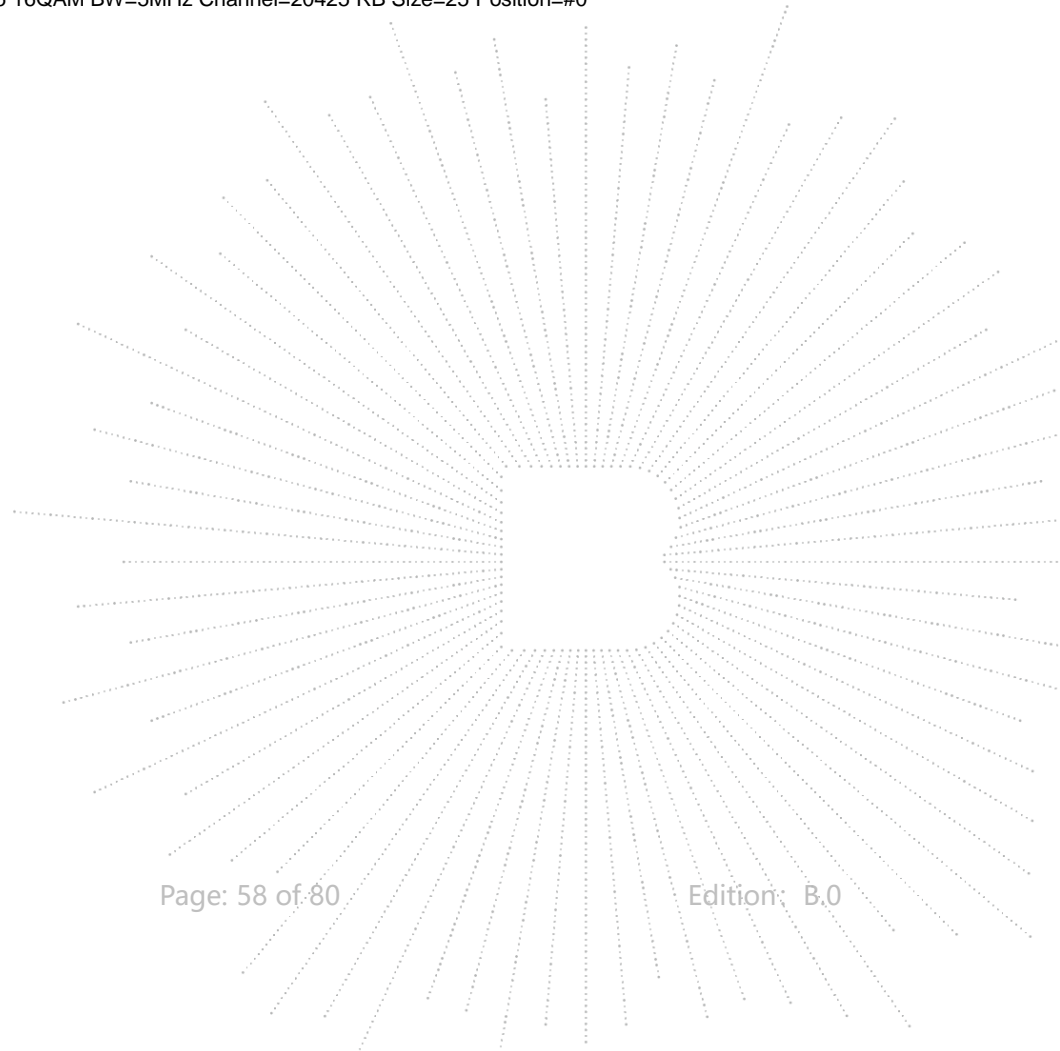


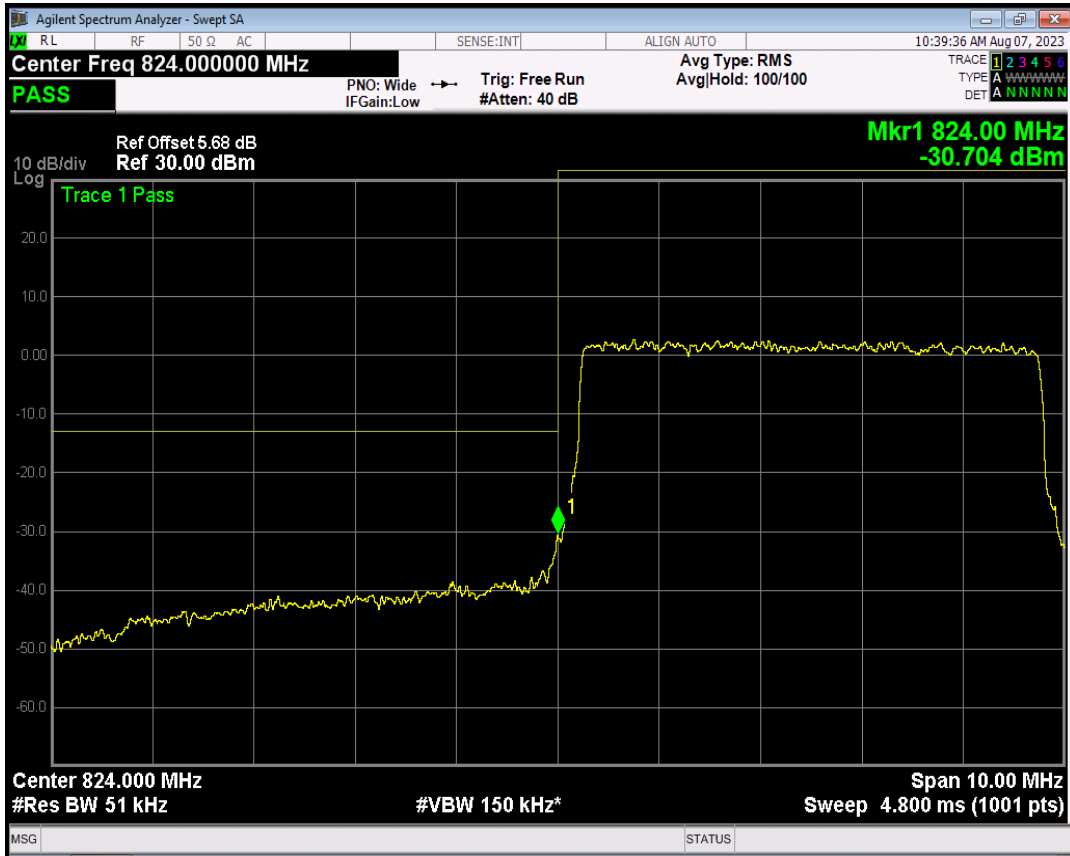


Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0

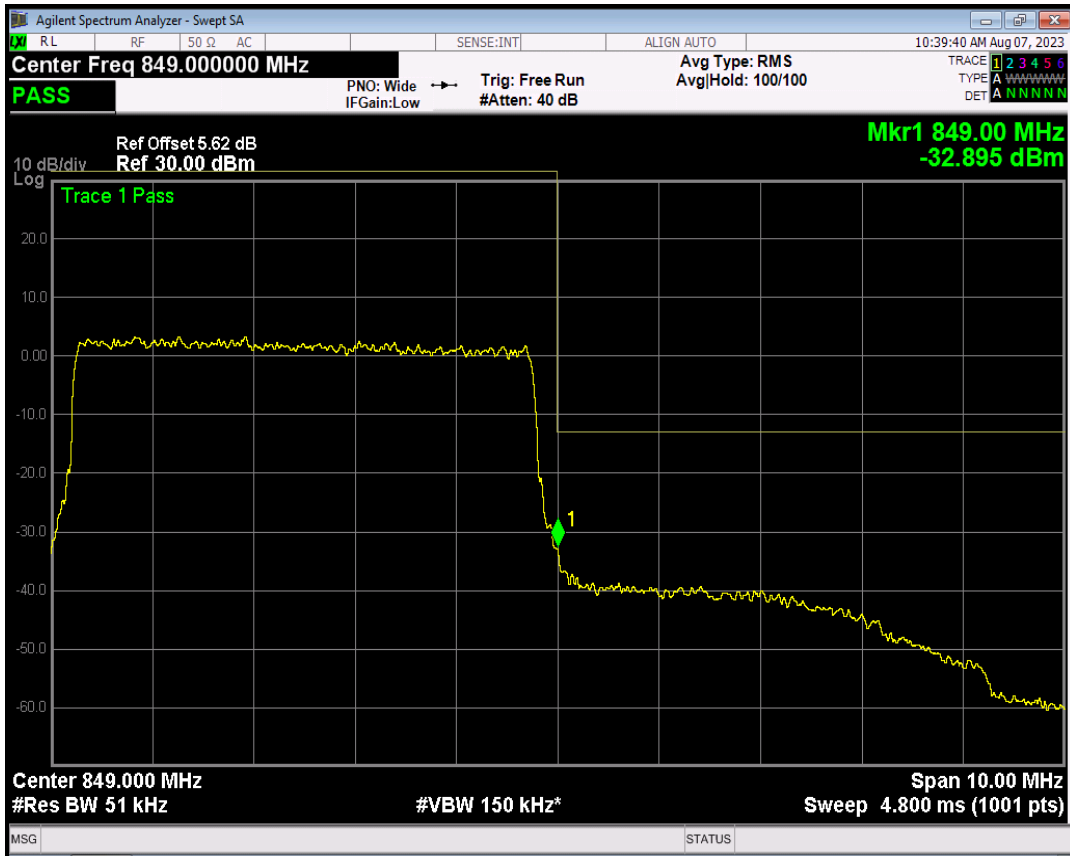


Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



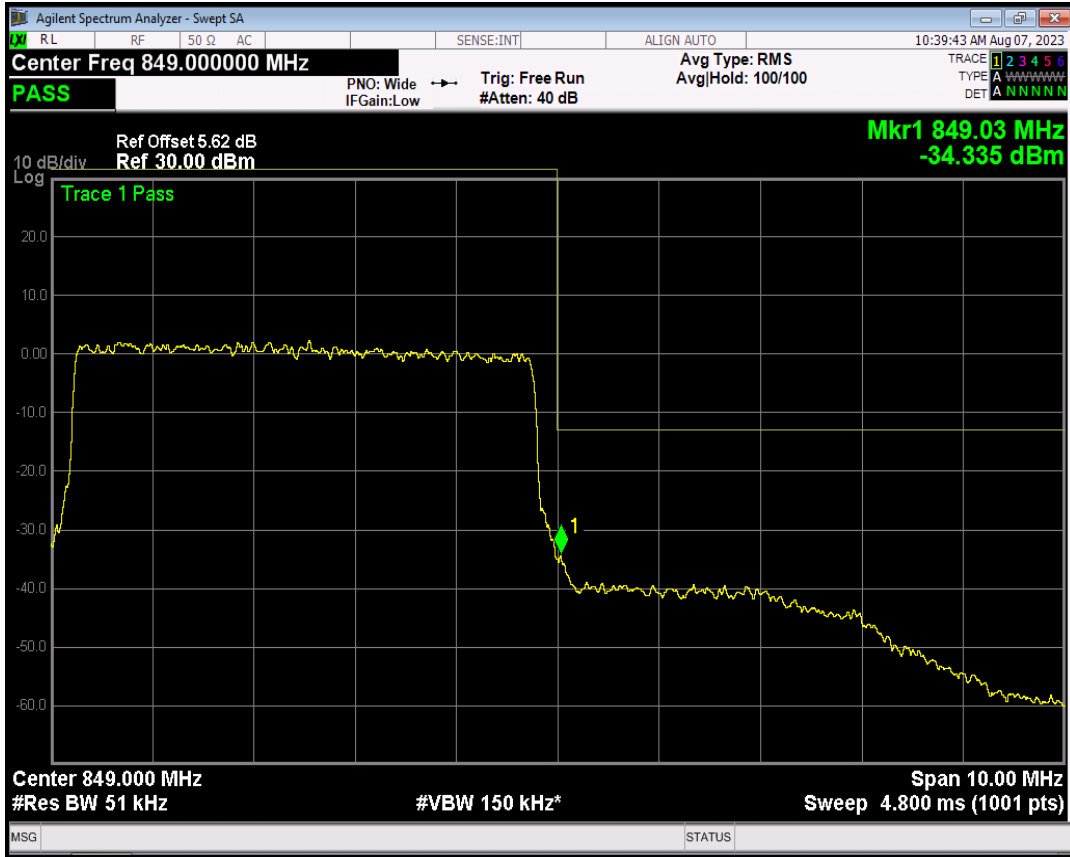


Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

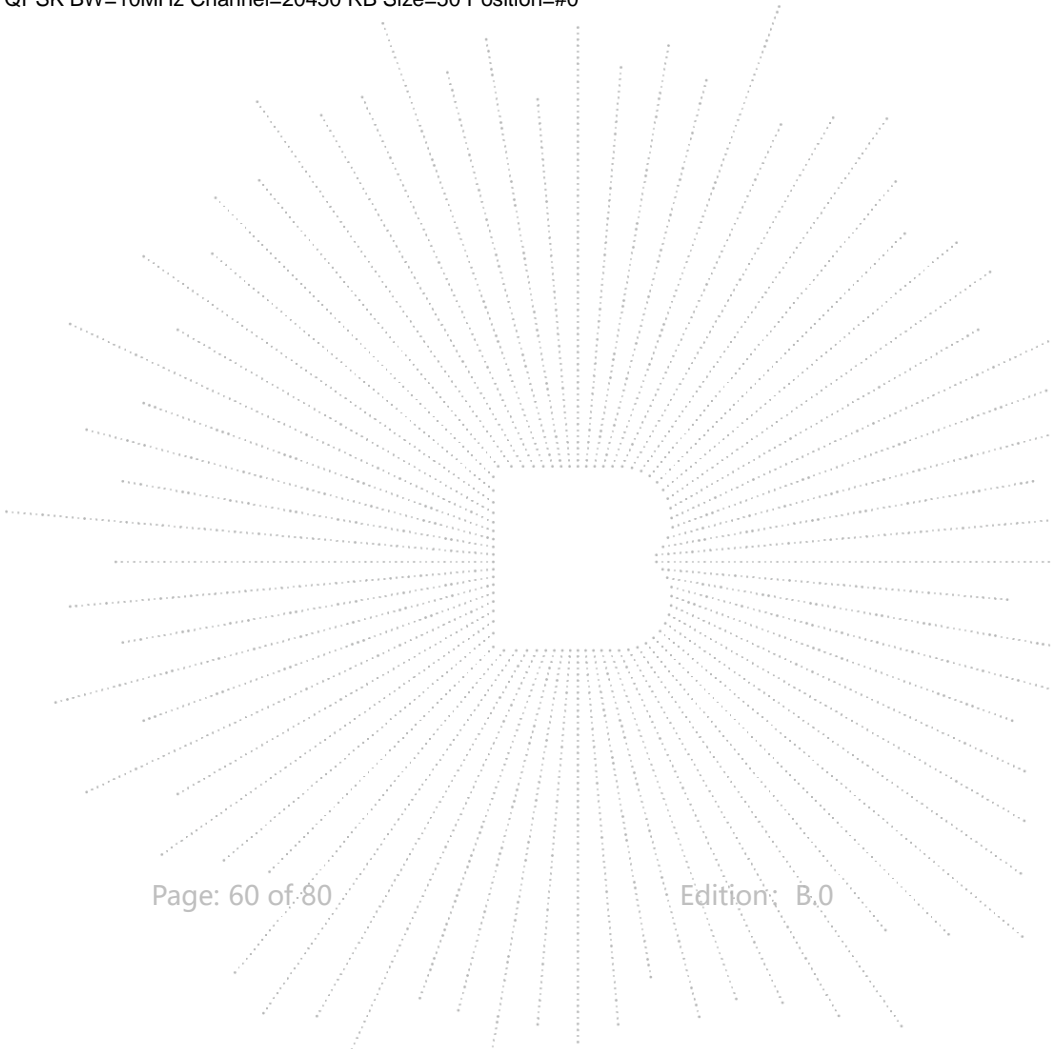


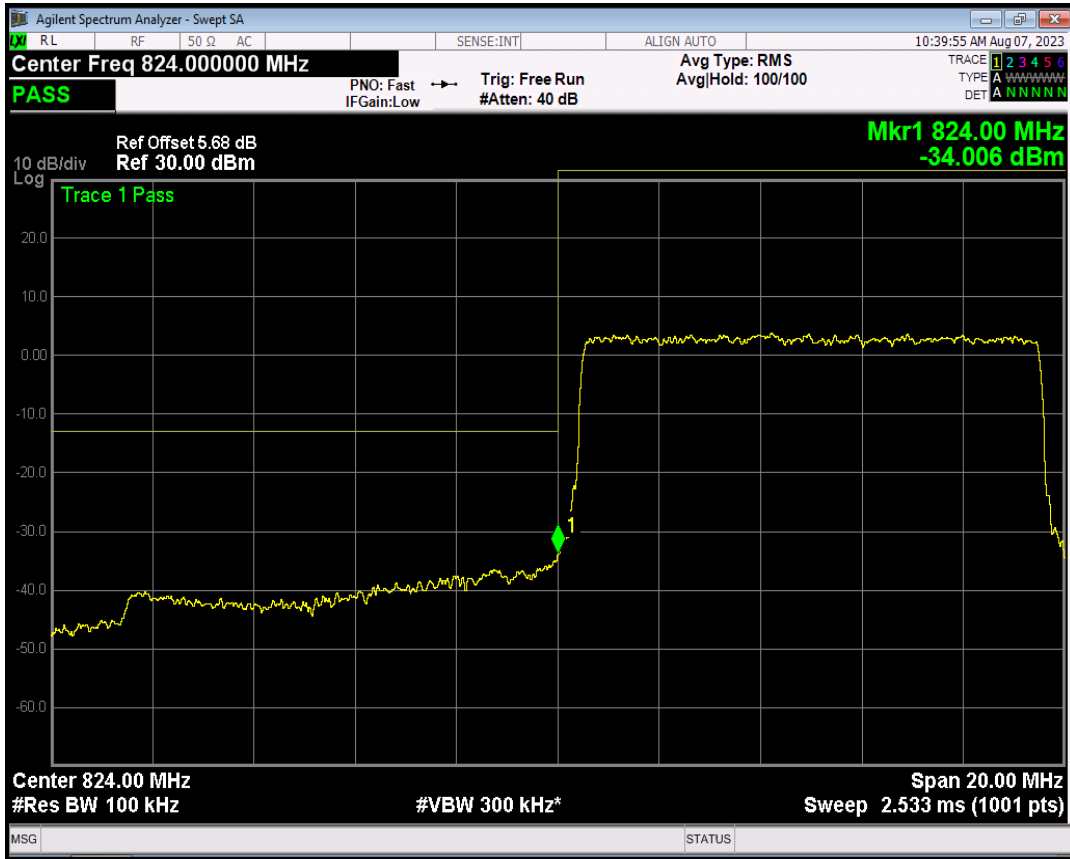


Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0

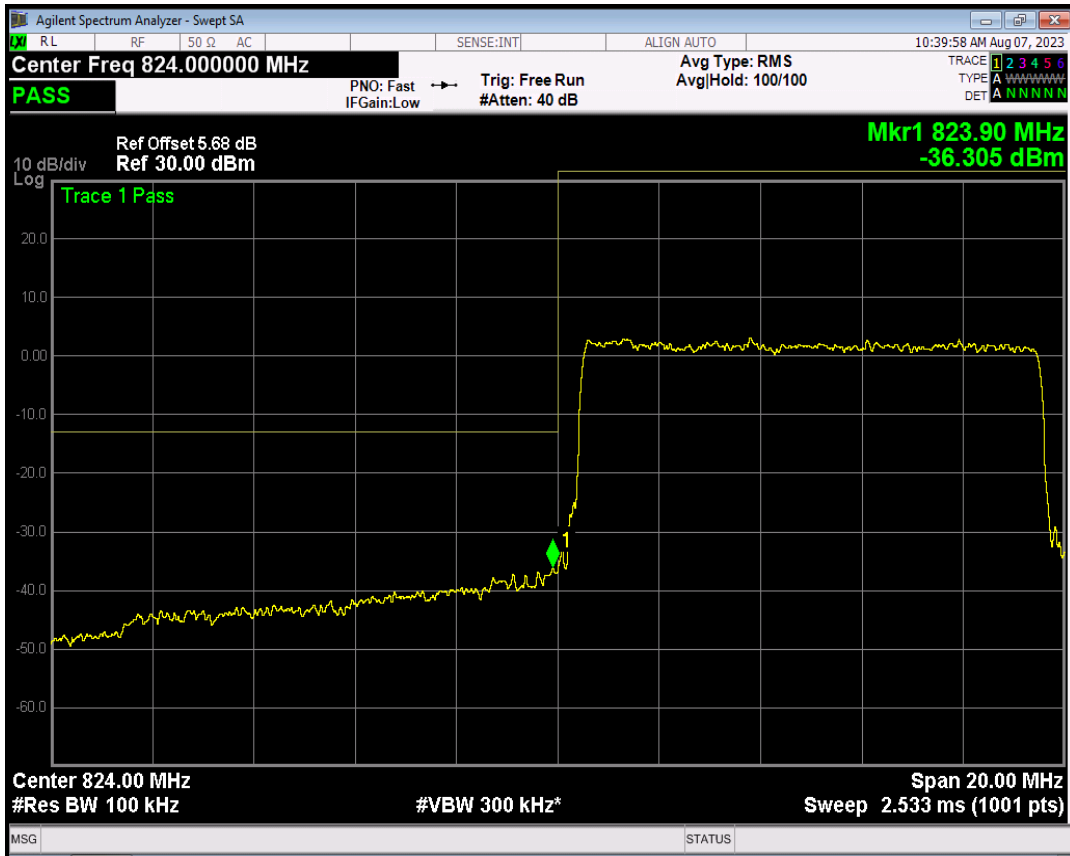


Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



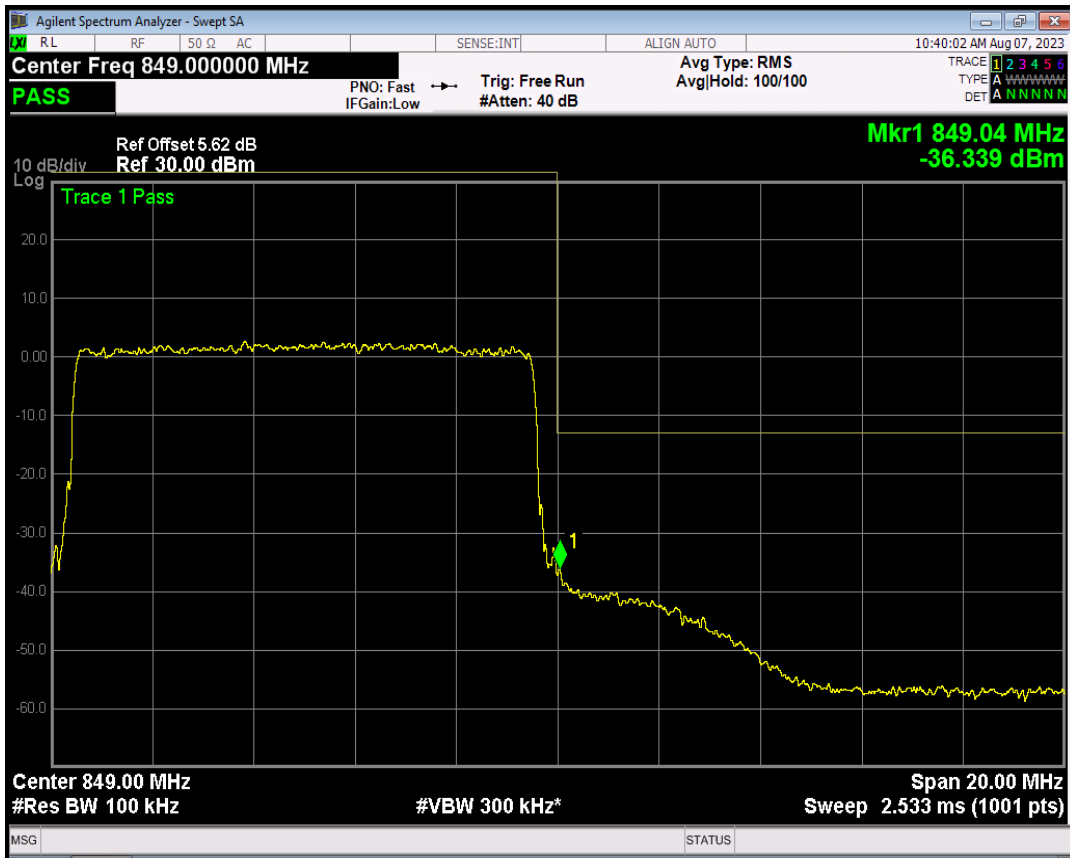


Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0

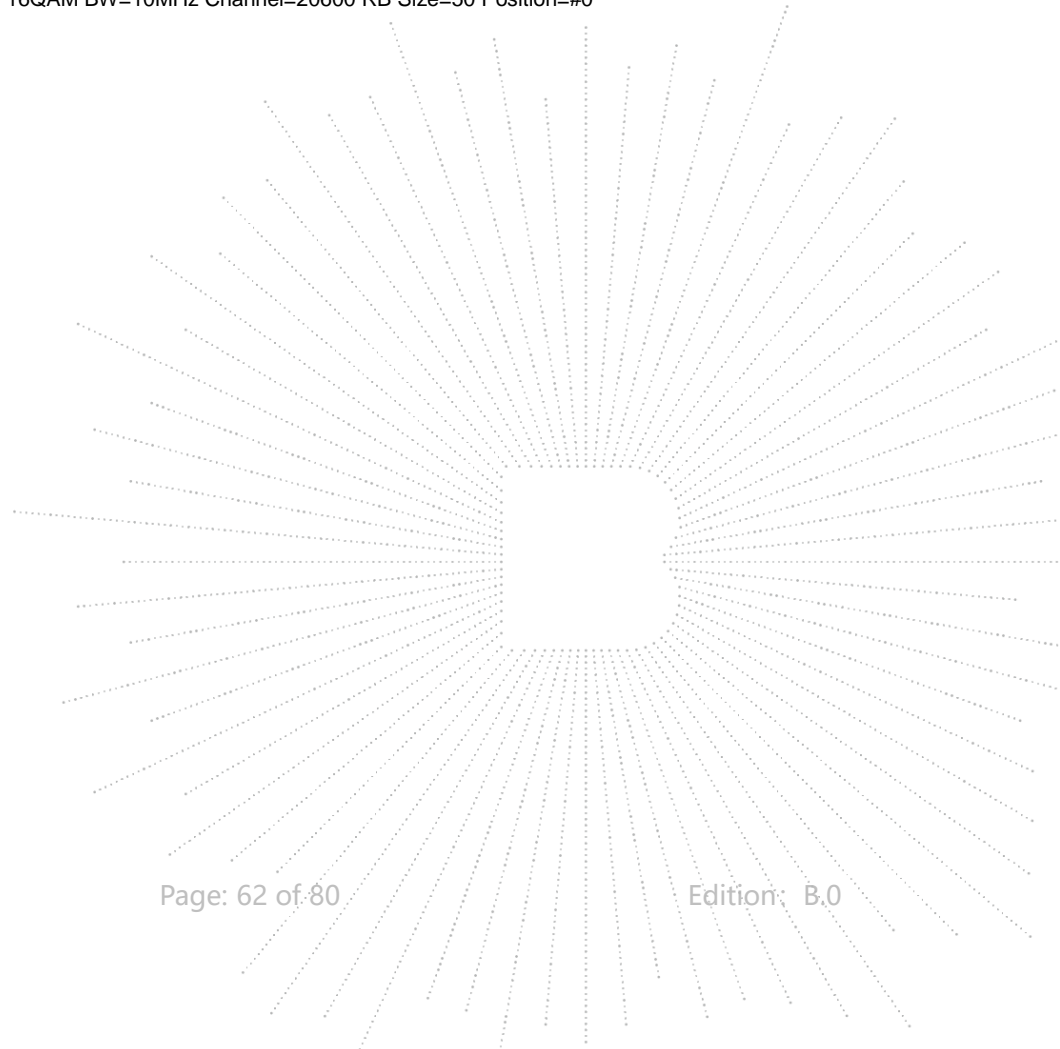


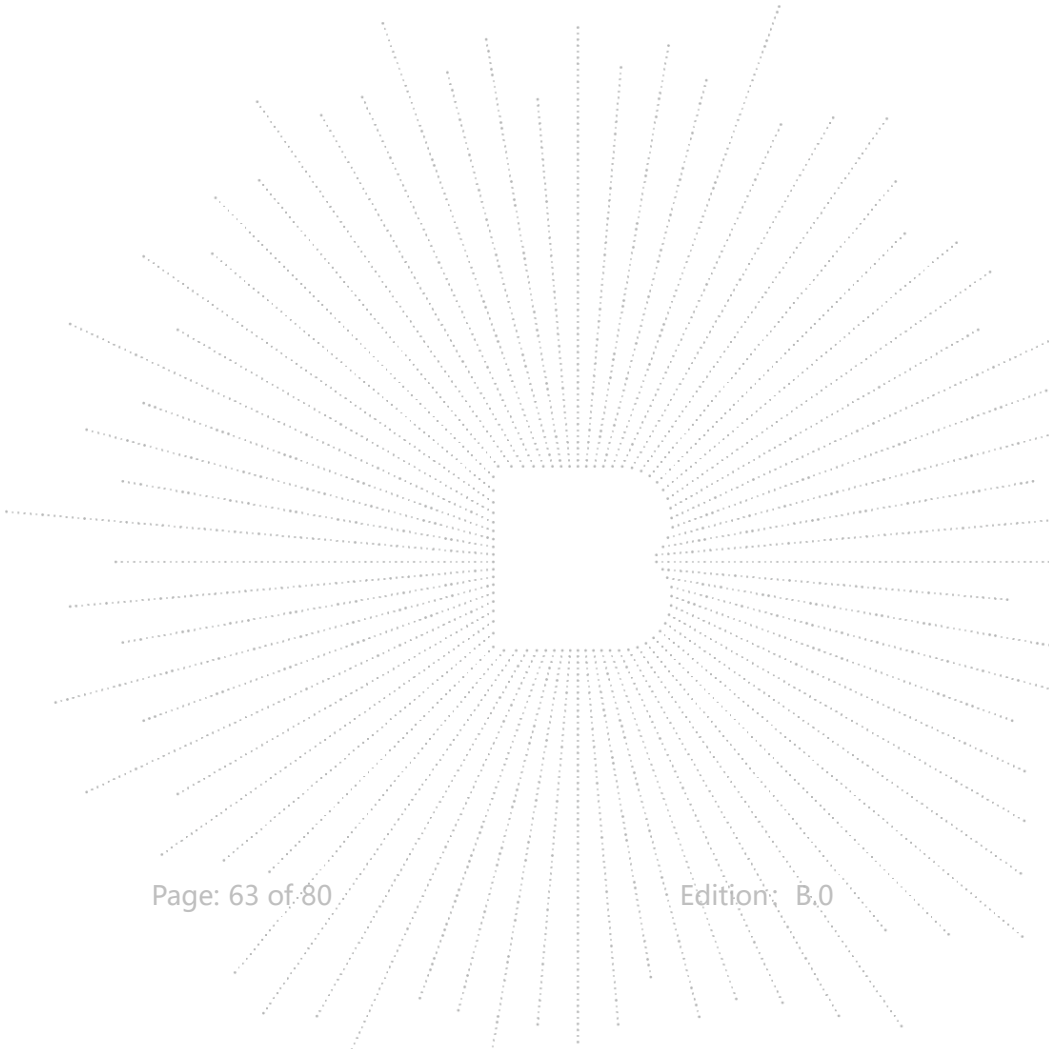


Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



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



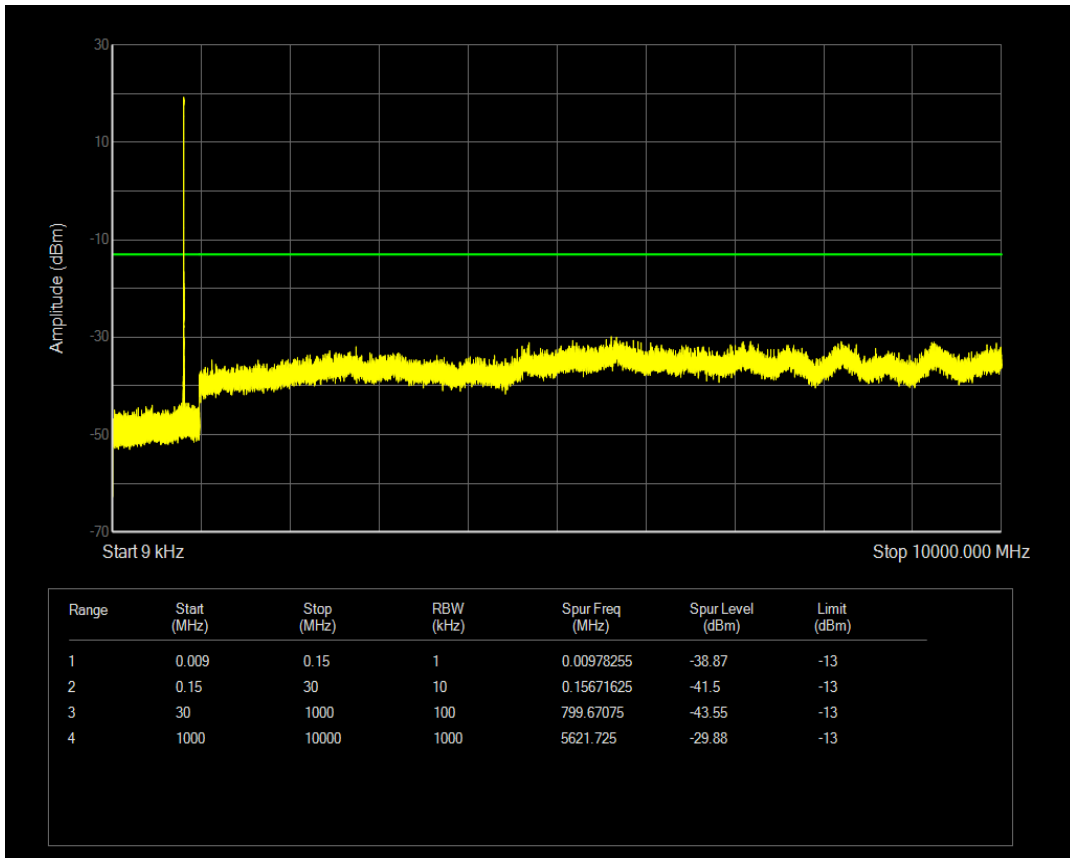


## Appendix 6. Out-of-band emissions

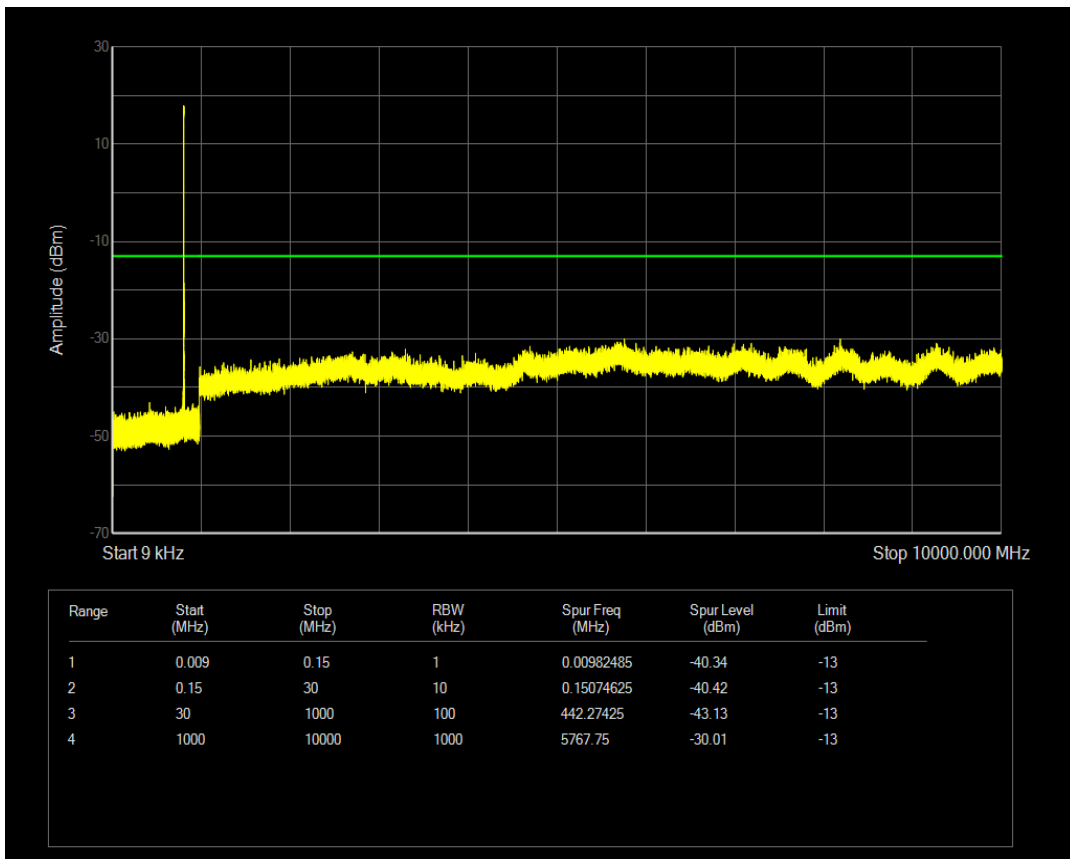
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	5621.73	-29.88	-13	PASS
Band5	1.4	20407	6	#0	16QAM	5767.75	-30.01	-13	PASS
Band5	1.4	20525	6	#0	QPSK	5646.93	-29.68	-13	PASS
Band5	1.4	20525	6	#0	16QAM	5241.93	-30.35	-13	PASS
Band5	1.4	20643	6	#0	QPSK	5713.30	-29.52	-13	PASS
Band5	1.4	20643	6	#0	16QAM	5728.38	-29.88	-13	PASS
Band5	3	20415	15	#0	QPSK	5706.33	-29.97	-13	PASS
Band5	3	20415	15	#0	16QAM	5692.38	-29.94	-13	PASS
Band5	3	20525	15	#0	QPSK	5684.95	-29.34	-13	PASS
Band5	3	20525	15	#0	16QAM	9282.48	-30.06	-13	PASS
Band5	3	20635	15	#0	QPSK	5739.40	-29.11	-13	PASS
Band5	3	20635	15	#0	16QAM	5715.55	-28.93	-13	PASS
Band5	5	20425	25	#0	QPSK	9297.78	-29.48	-13	PASS
Band5	5	20425	25	#0	16QAM	5682.70	-29.73	-13	PASS
Band5	5	20525	25	#0	QPSK	7114.15	-30.15	-13	PASS
Band5	5	20525	25	#0	16QAM	5645.35	-28.64	-13	PASS
Band5	5	20625	25	#0	QPSK	5747.28	-29.35	-13	PASS
Band5	5	20625	25	#0	16QAM	5673.03	-29.30	-13	PASS
Band5	10	20450	50	#0	QPSK	5685.40	-28.83	-13	PASS
Band5	10	20450	50	#0	16QAM	5700.48	-30.21	-13	PASS
Band5	10	20525	50	#0	QPSK	5683.60	-29.24	-13	PASS
Band5	10	20525	50	#0	16QAM	5691.03	-30.15	-13	PASS
Band5	10	20600	50	#0	QPSK	5751.55	-29.52	-13	PASS
Band5	10	20600	50	#0	16QAM	5734.90	-30.24	-13	PASS

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



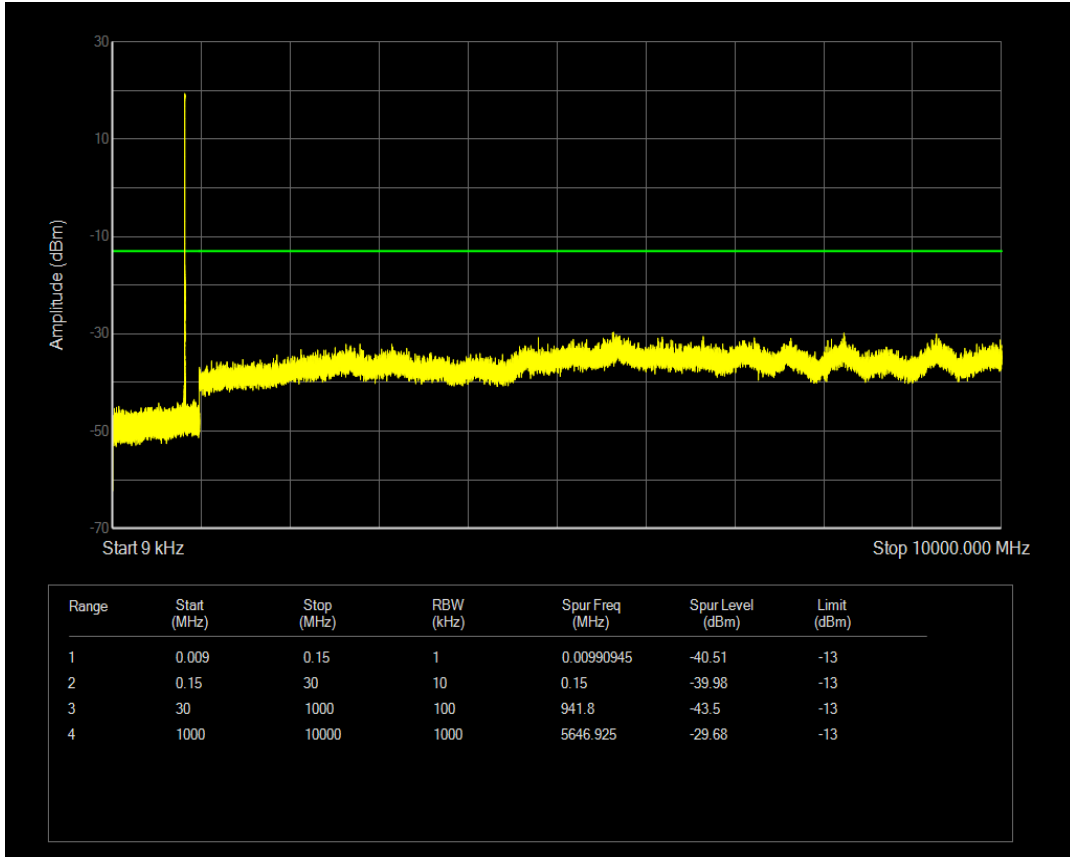


Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0

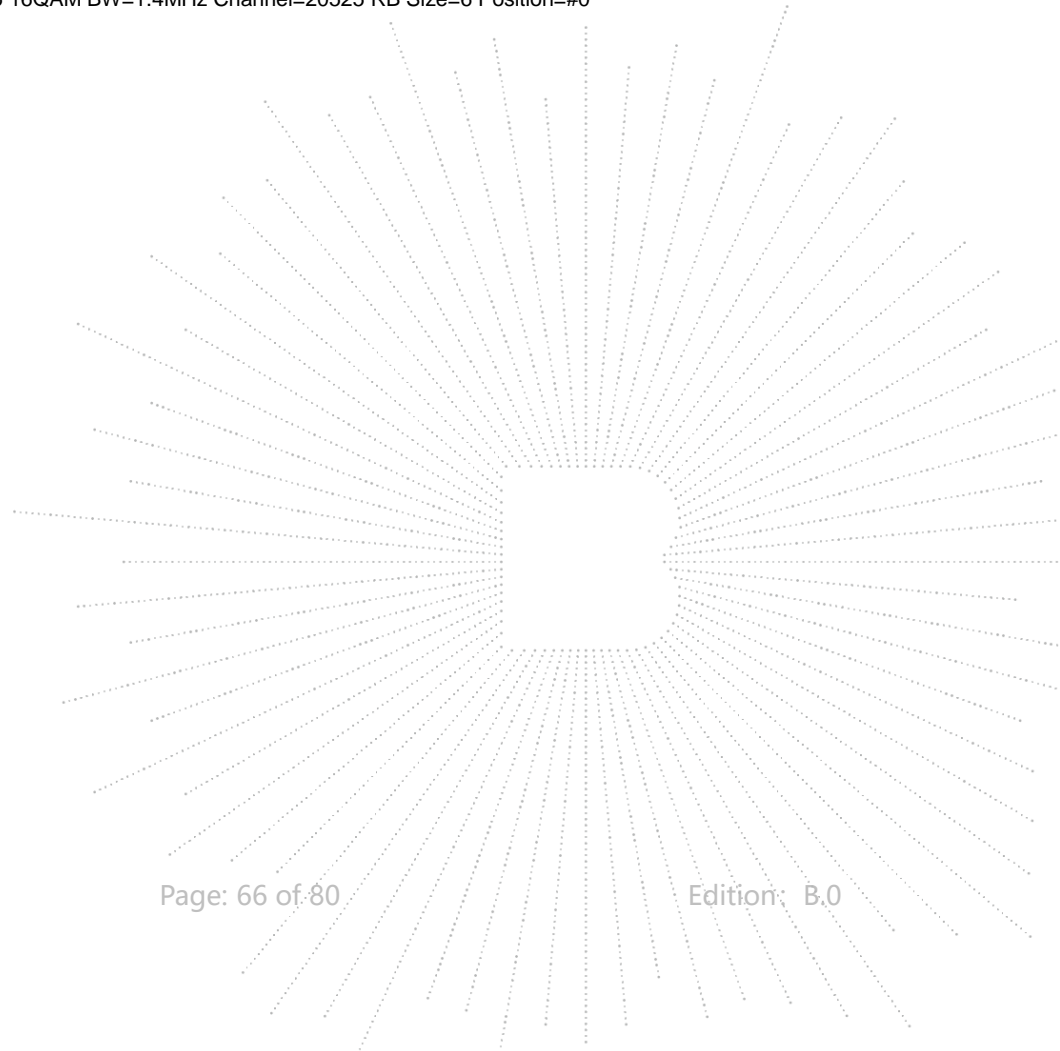


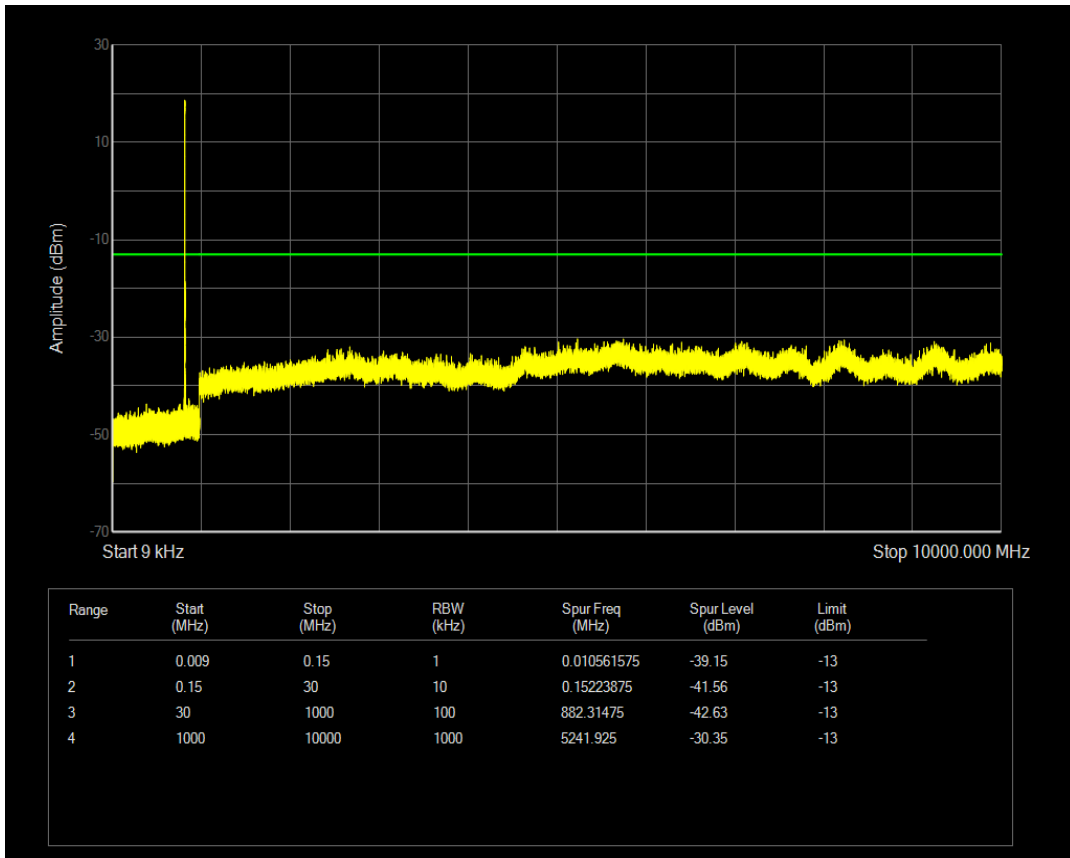


Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0

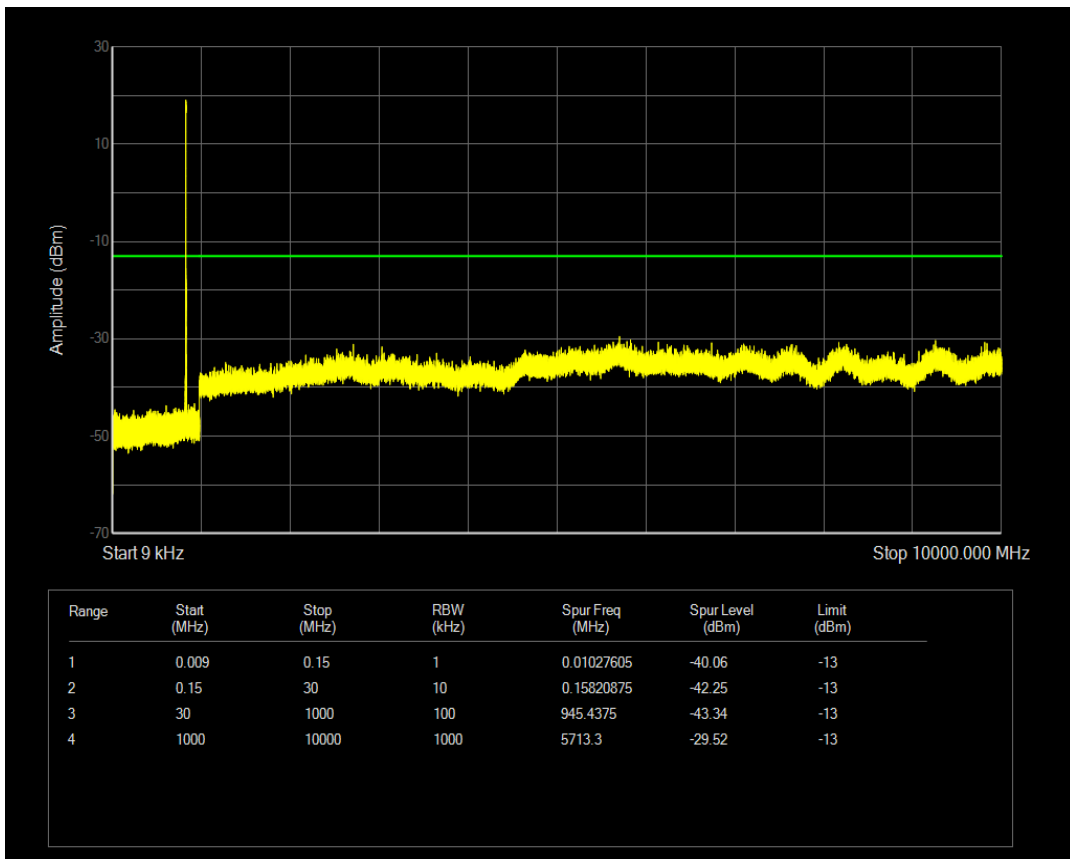


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



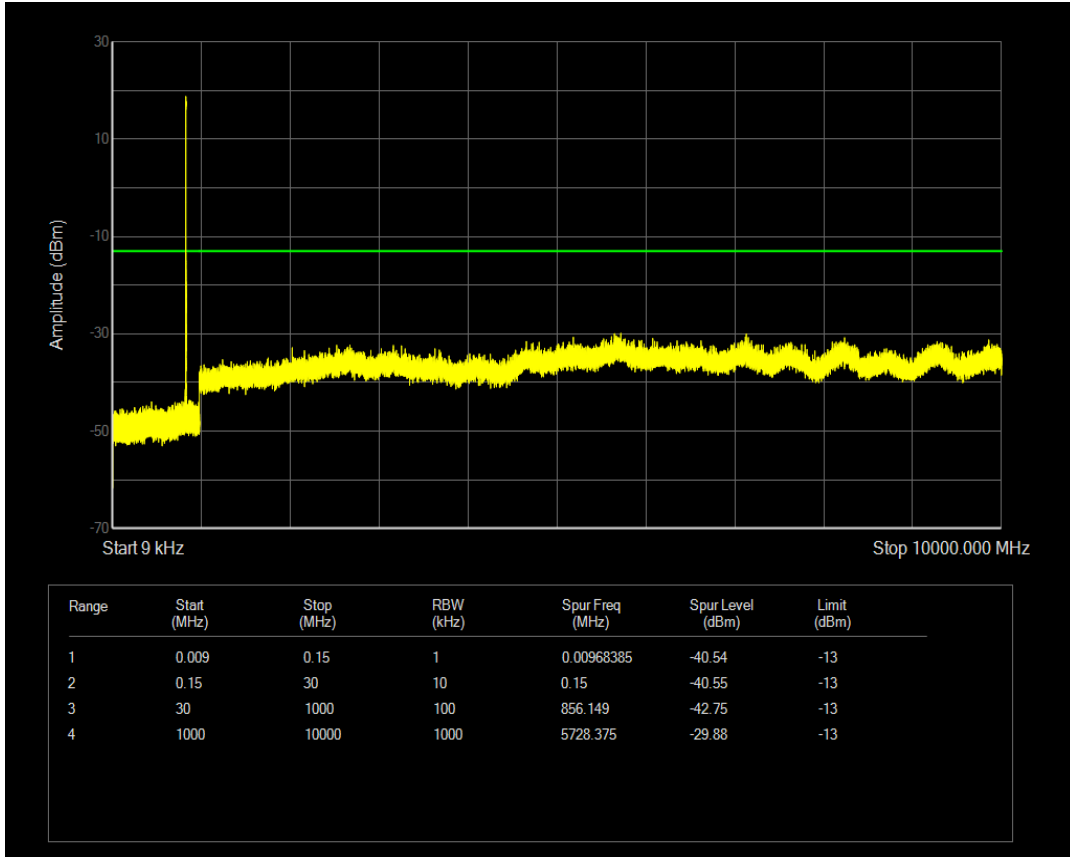


Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0

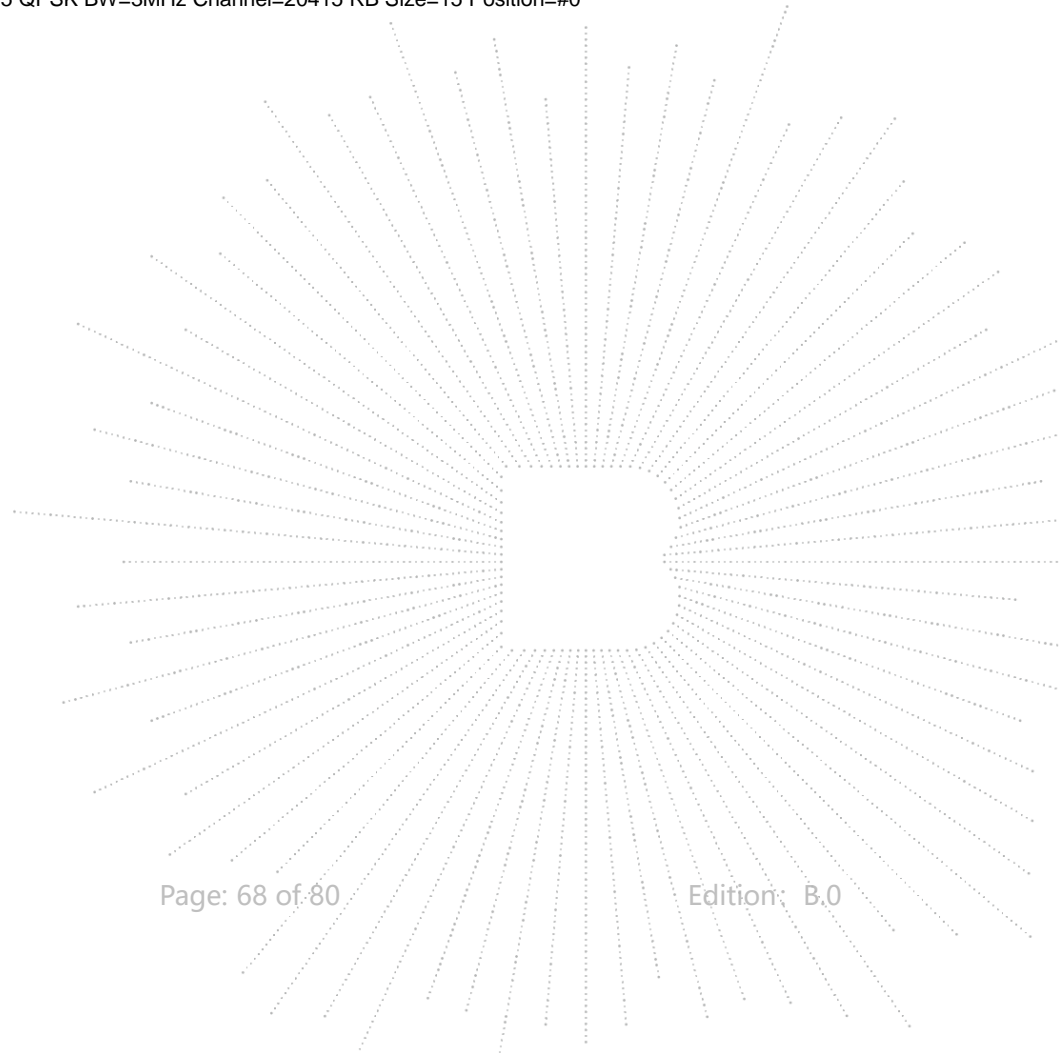


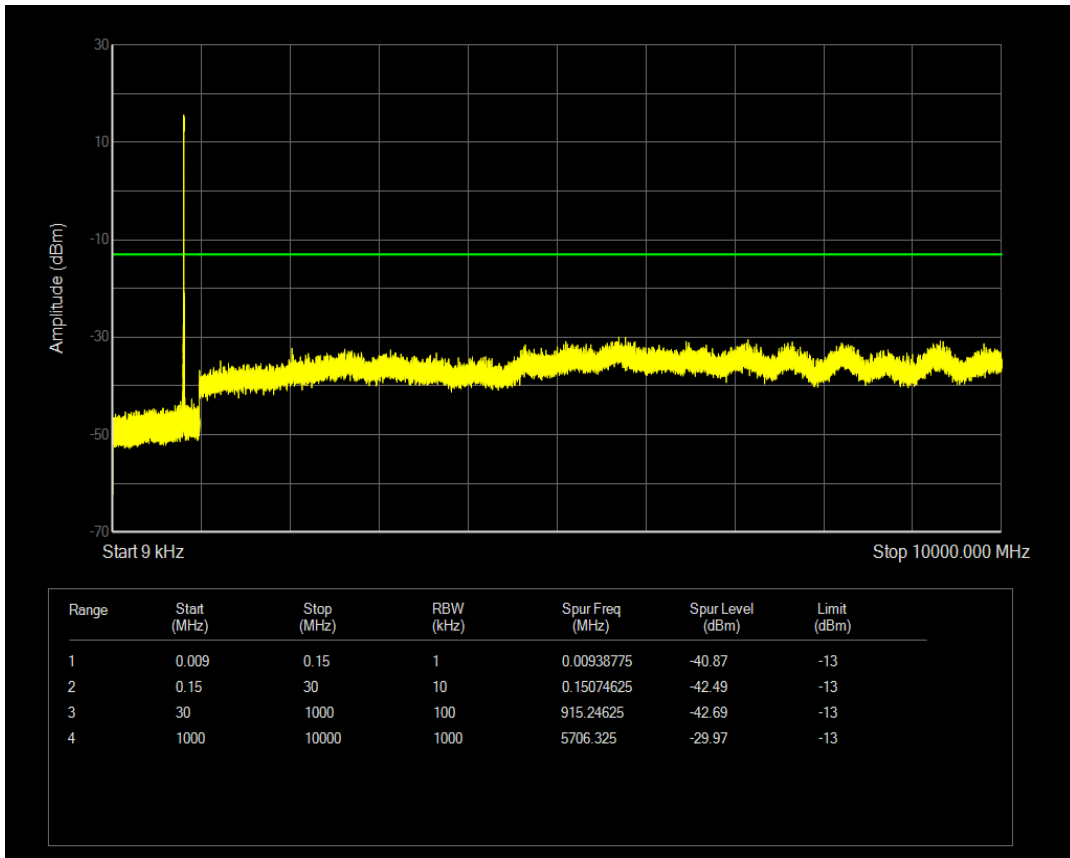


Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0

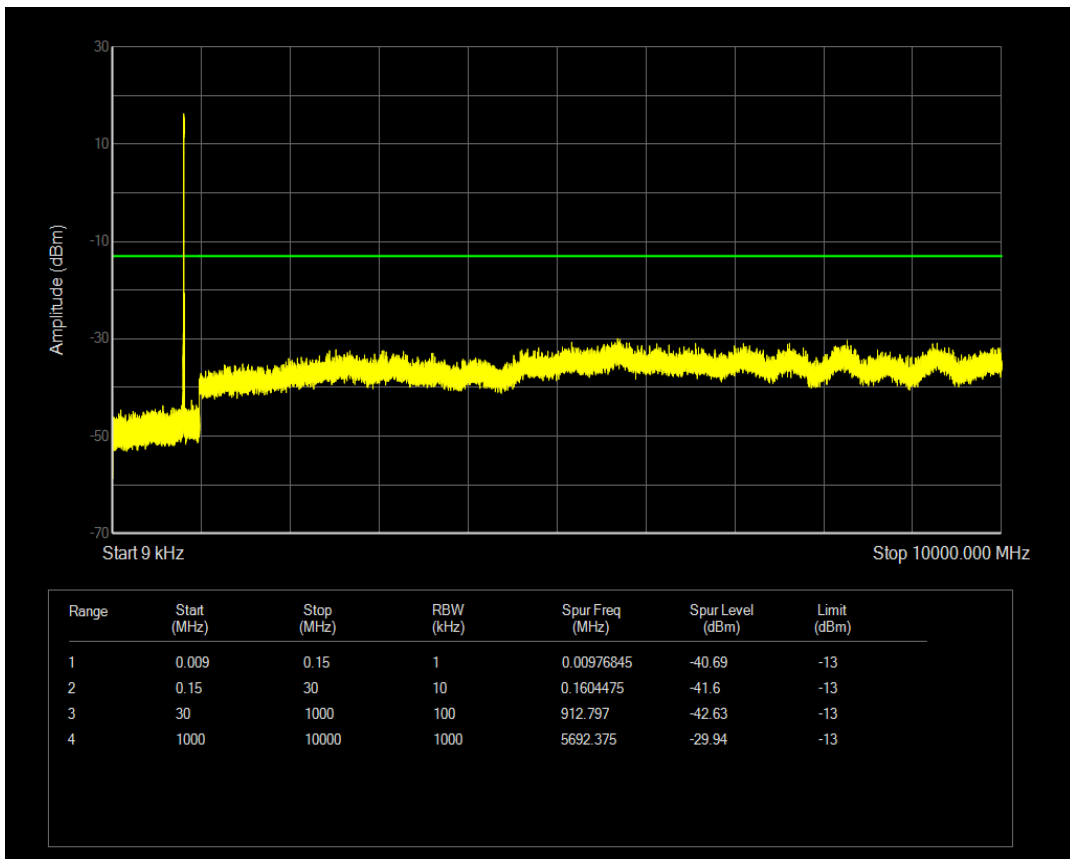


Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



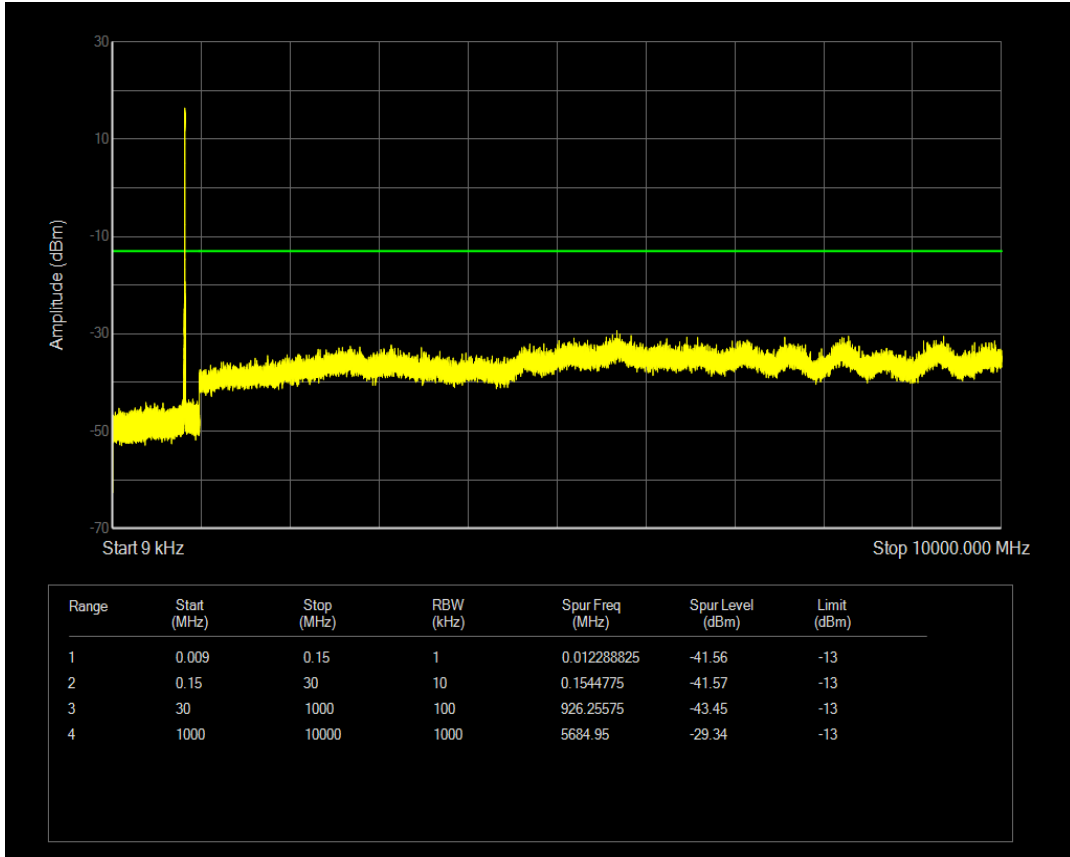


Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0

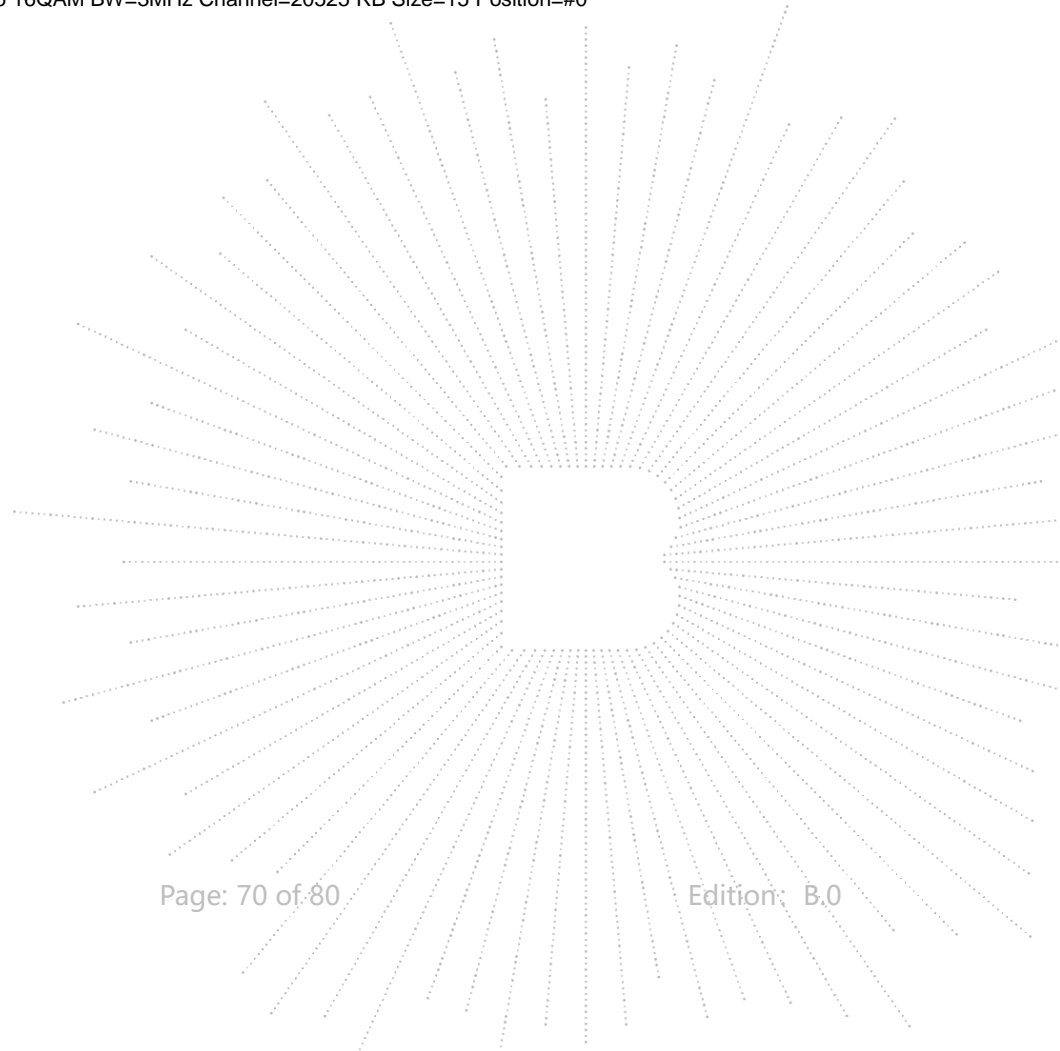


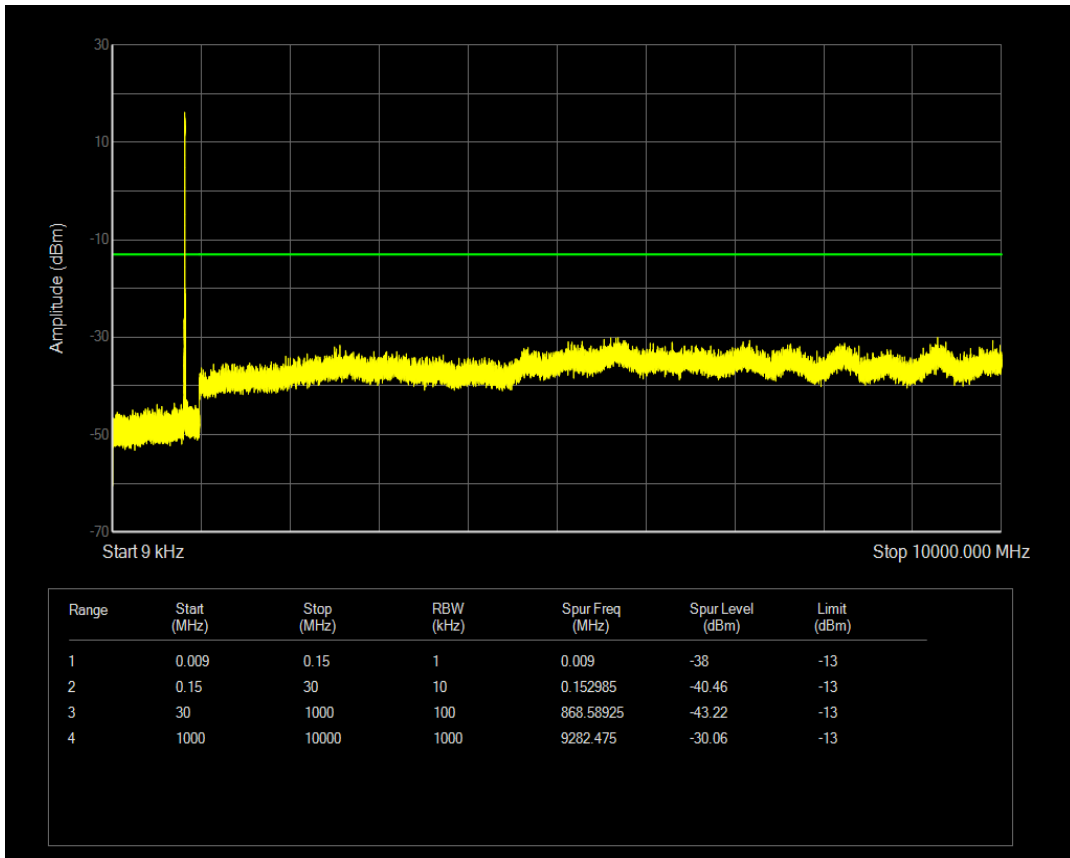


Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0

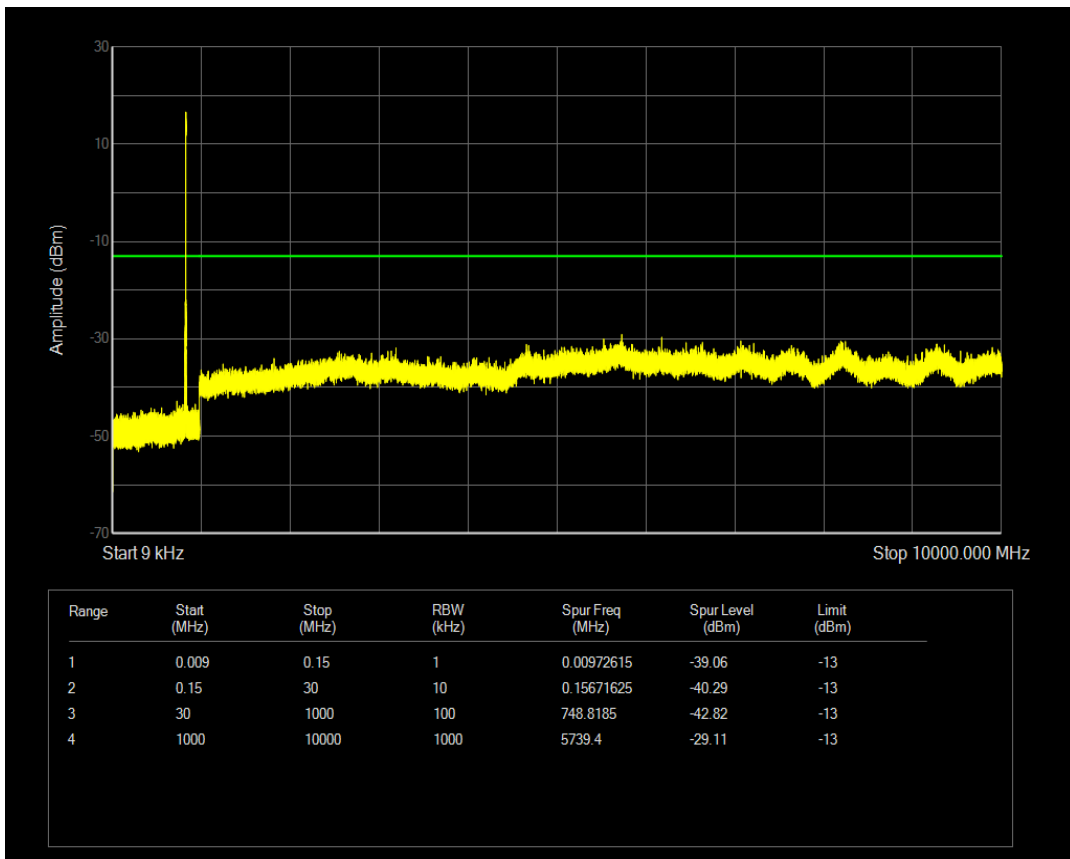


Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



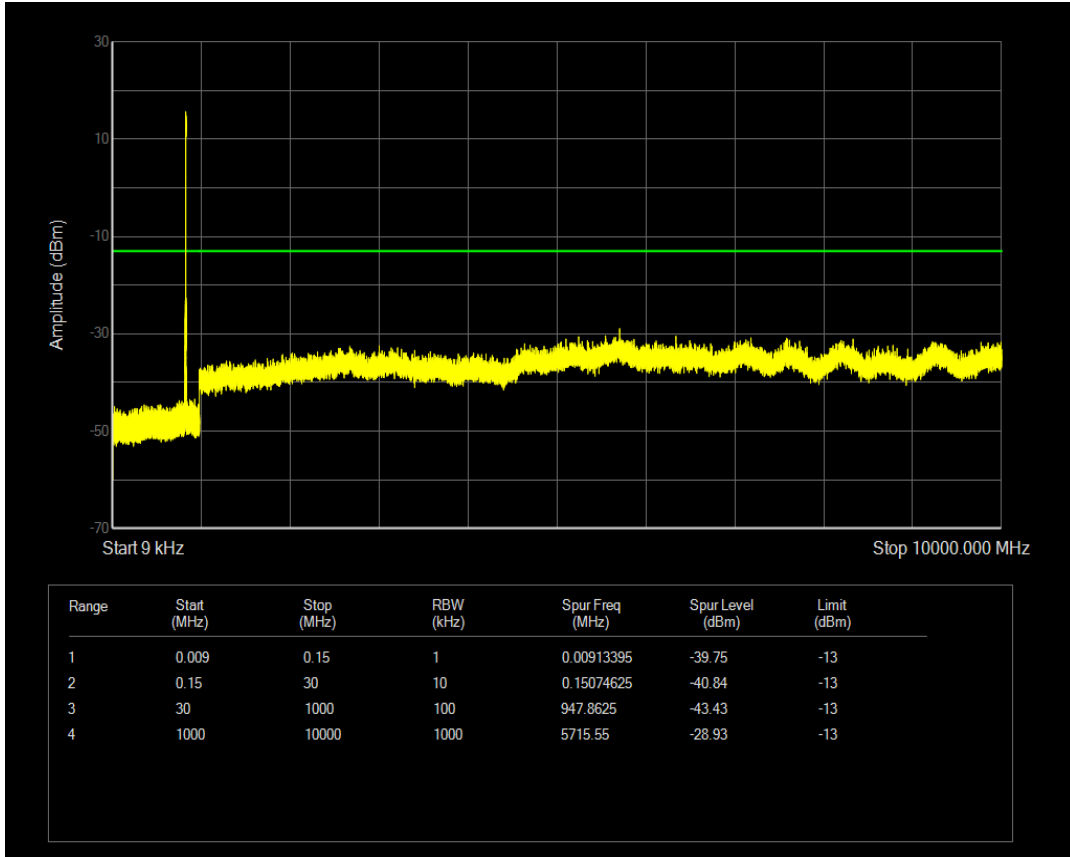


Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

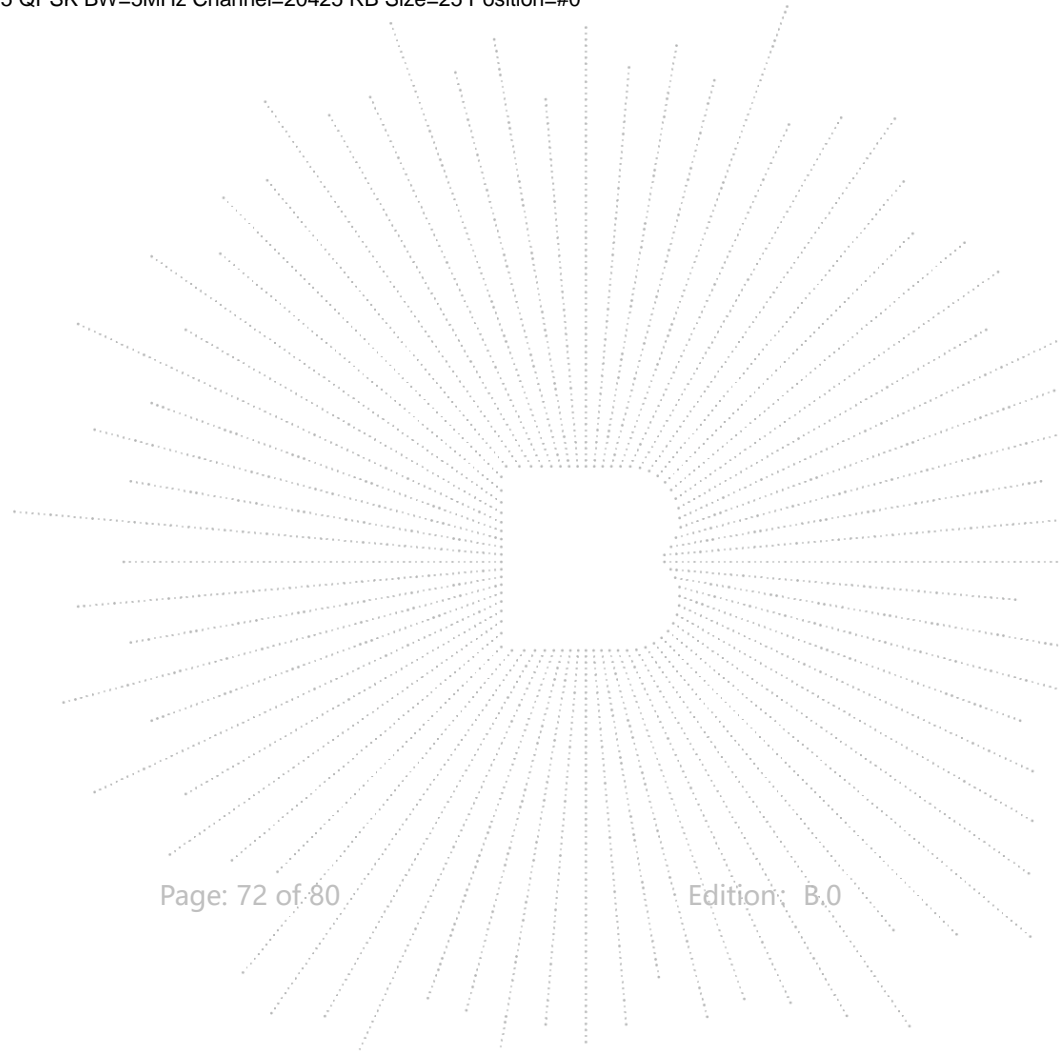




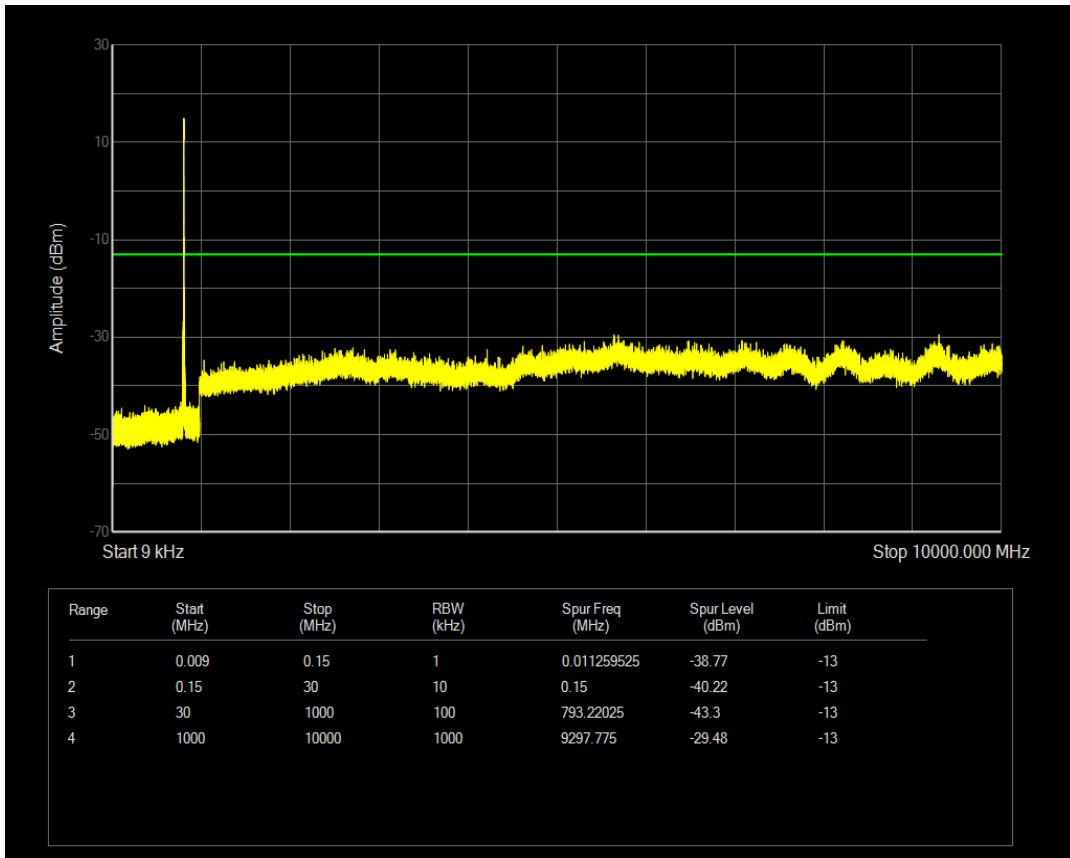
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



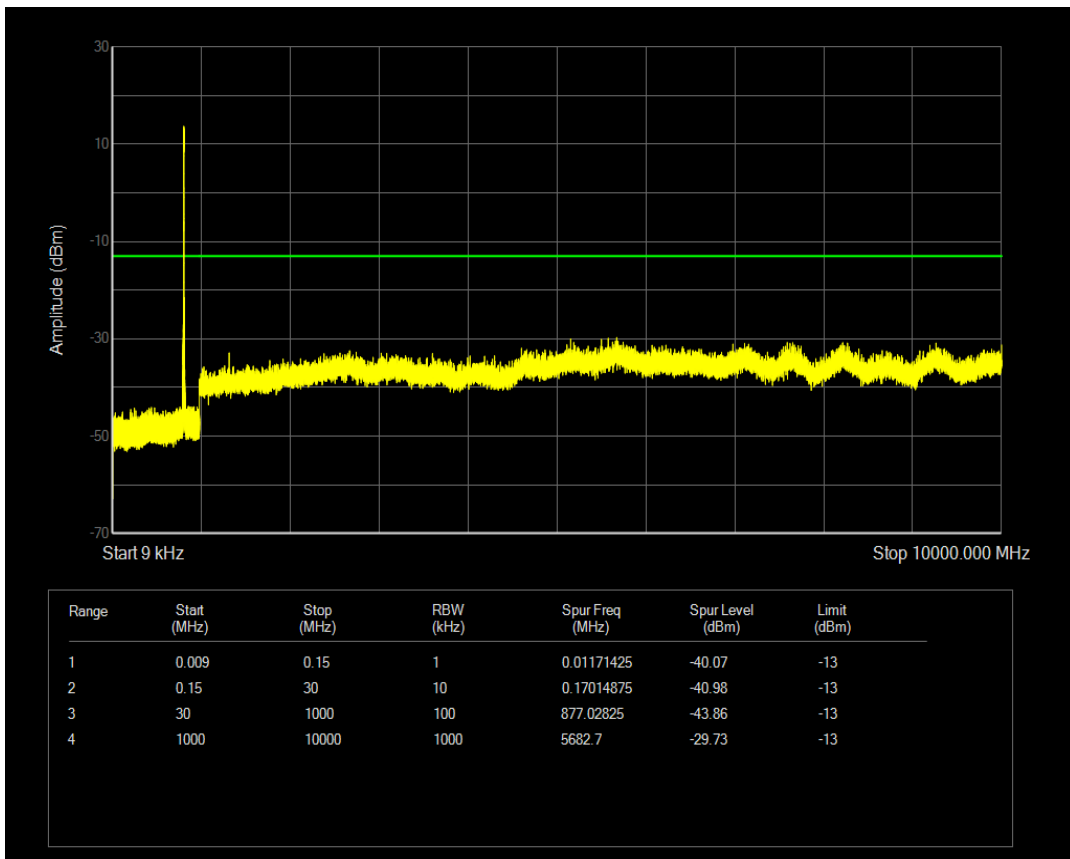
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0





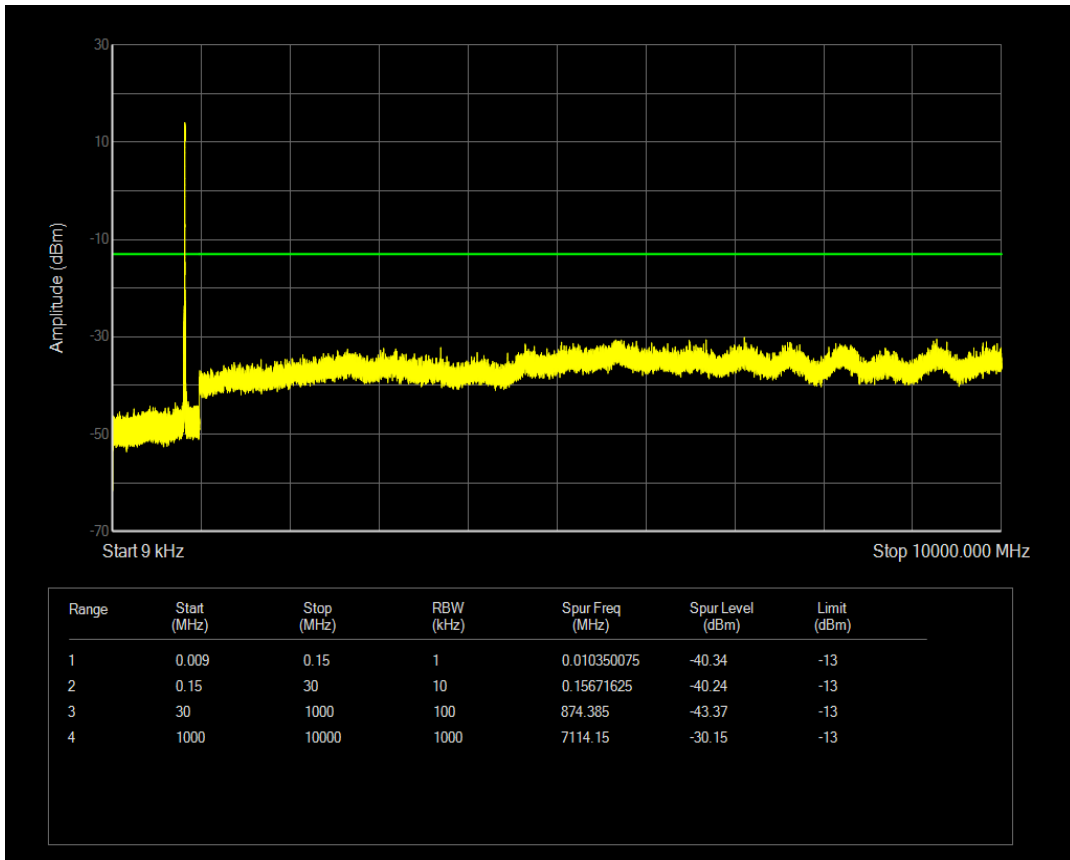


Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0

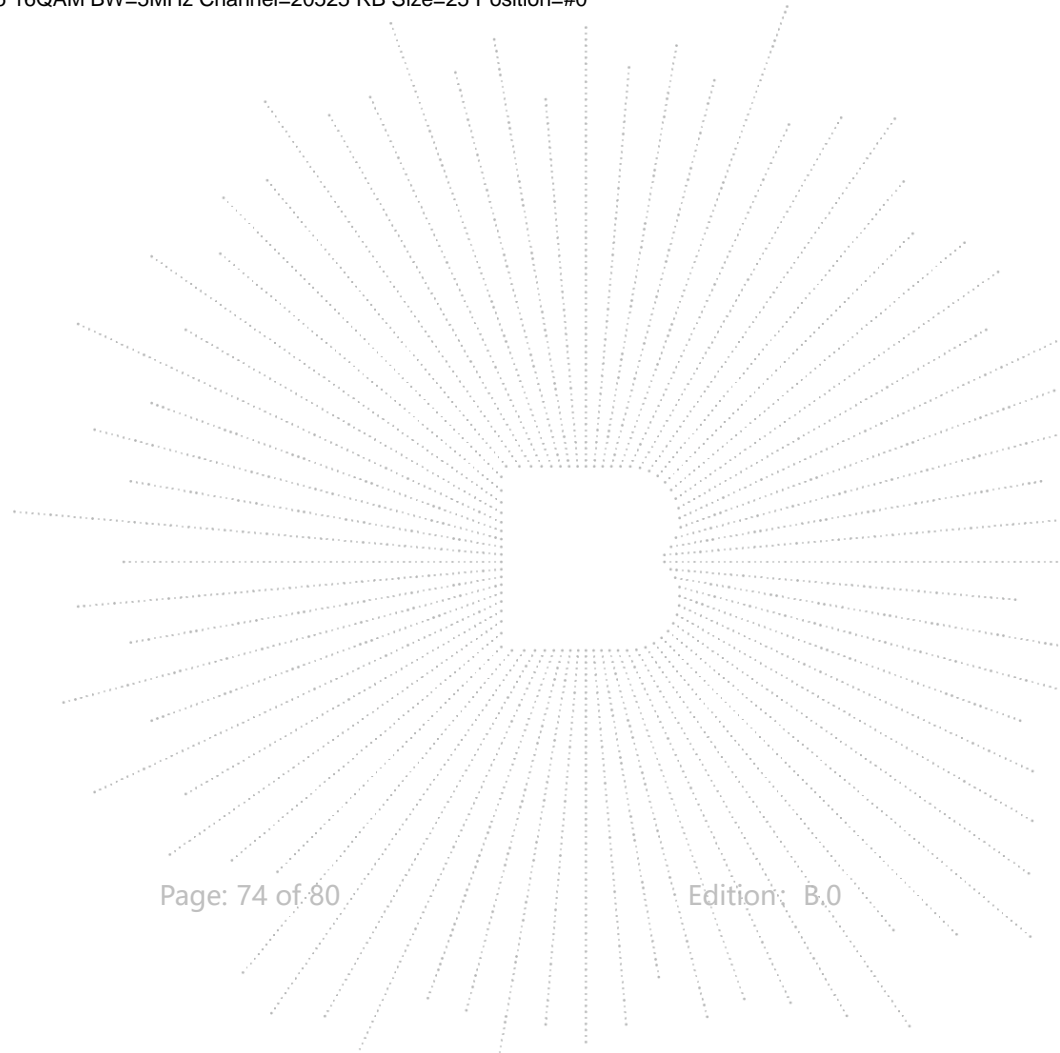


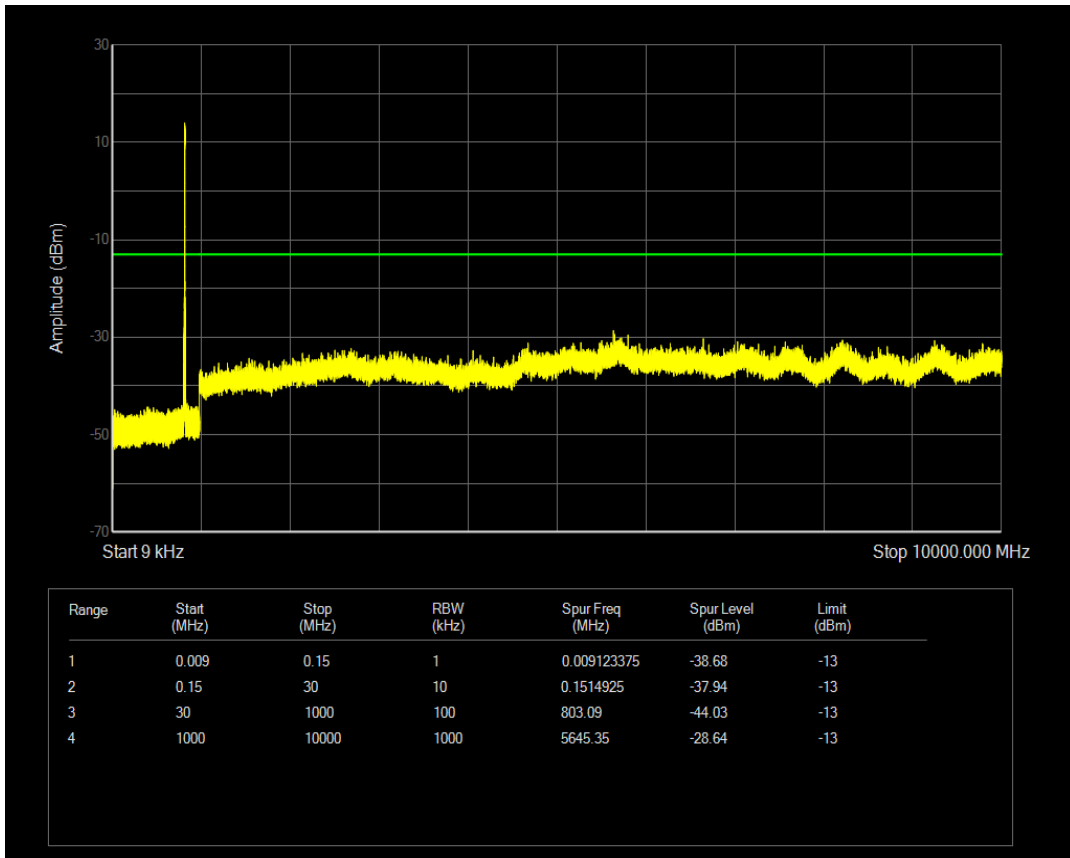


Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0

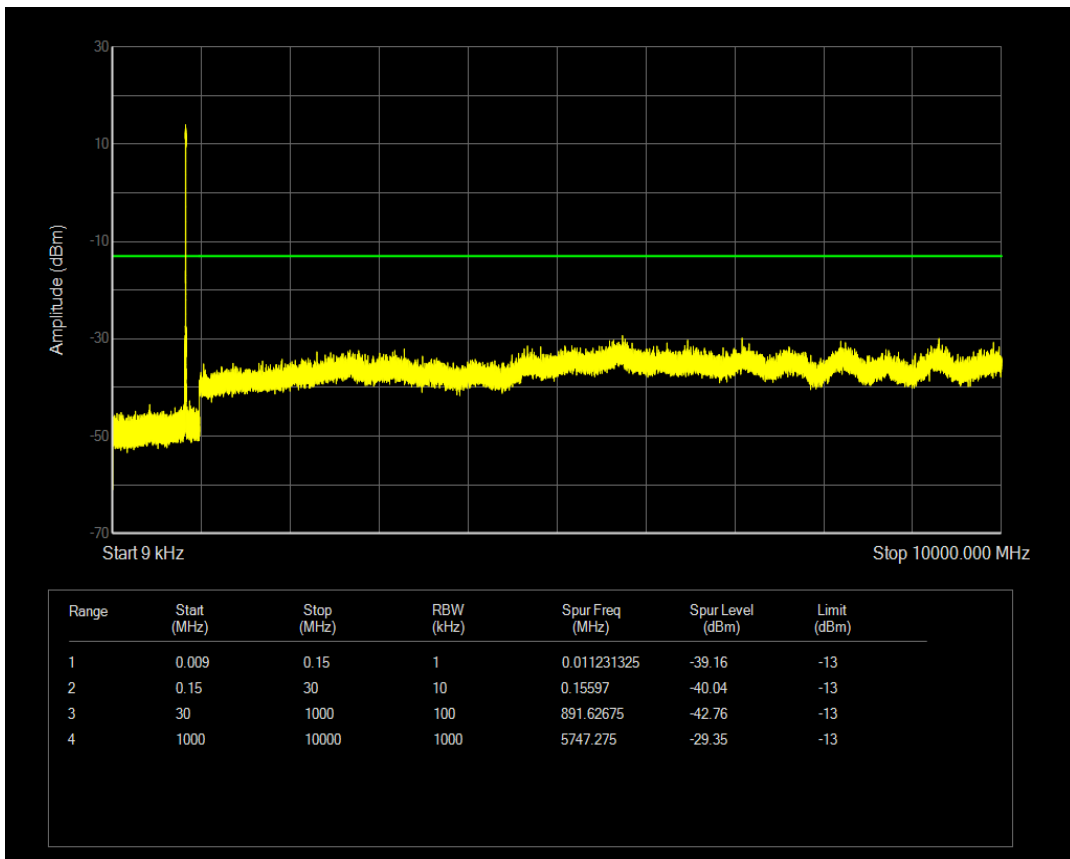


Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



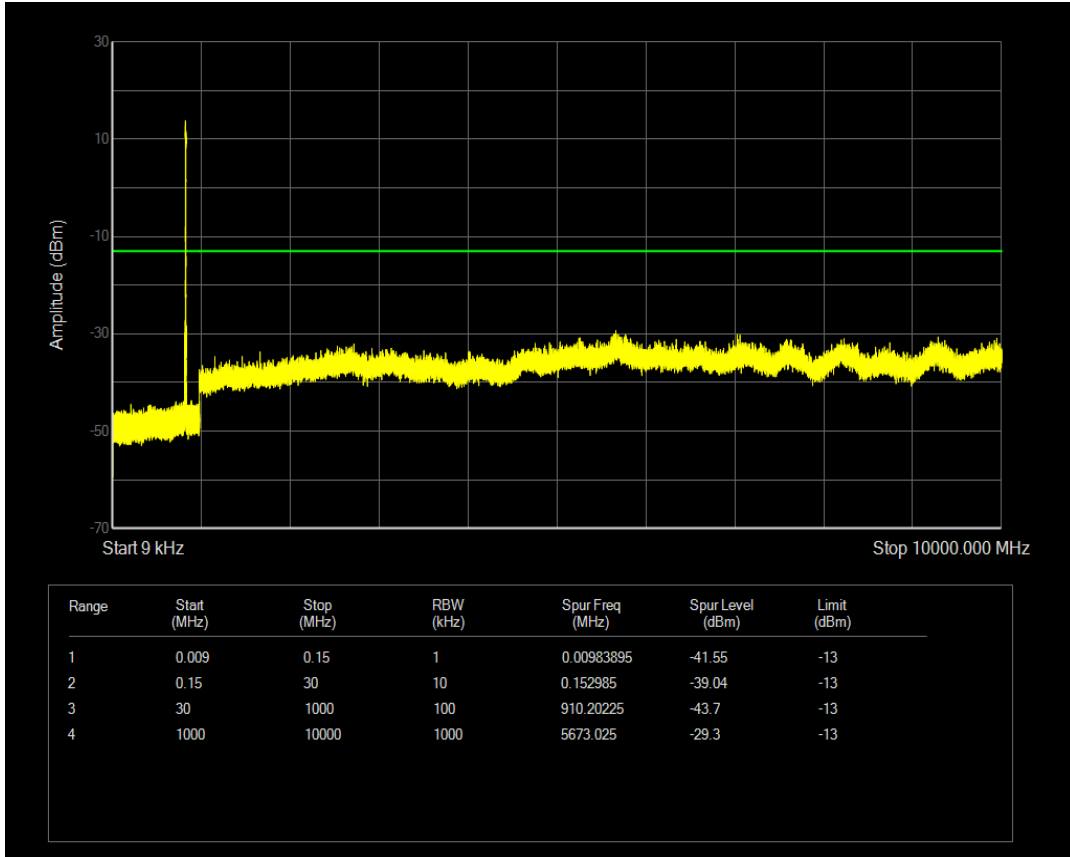


Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

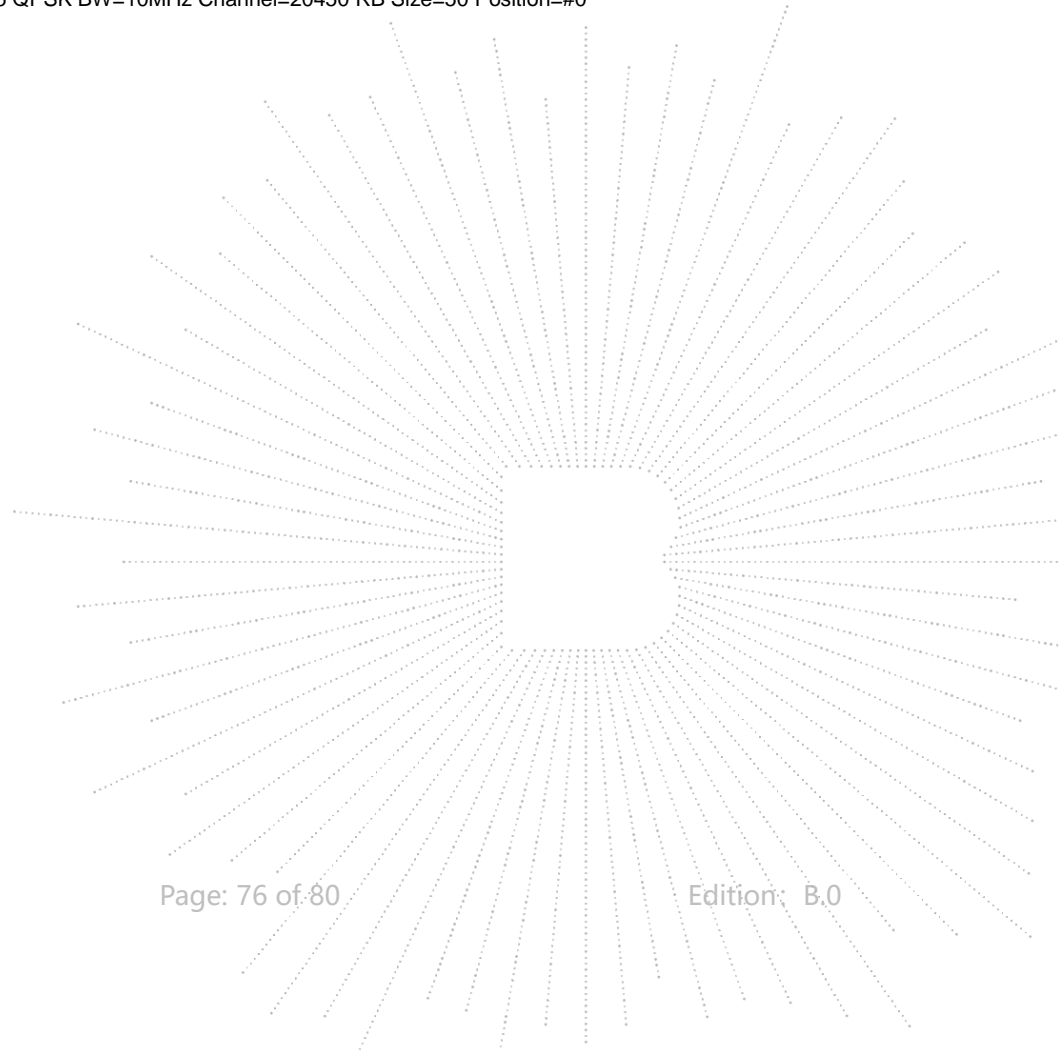


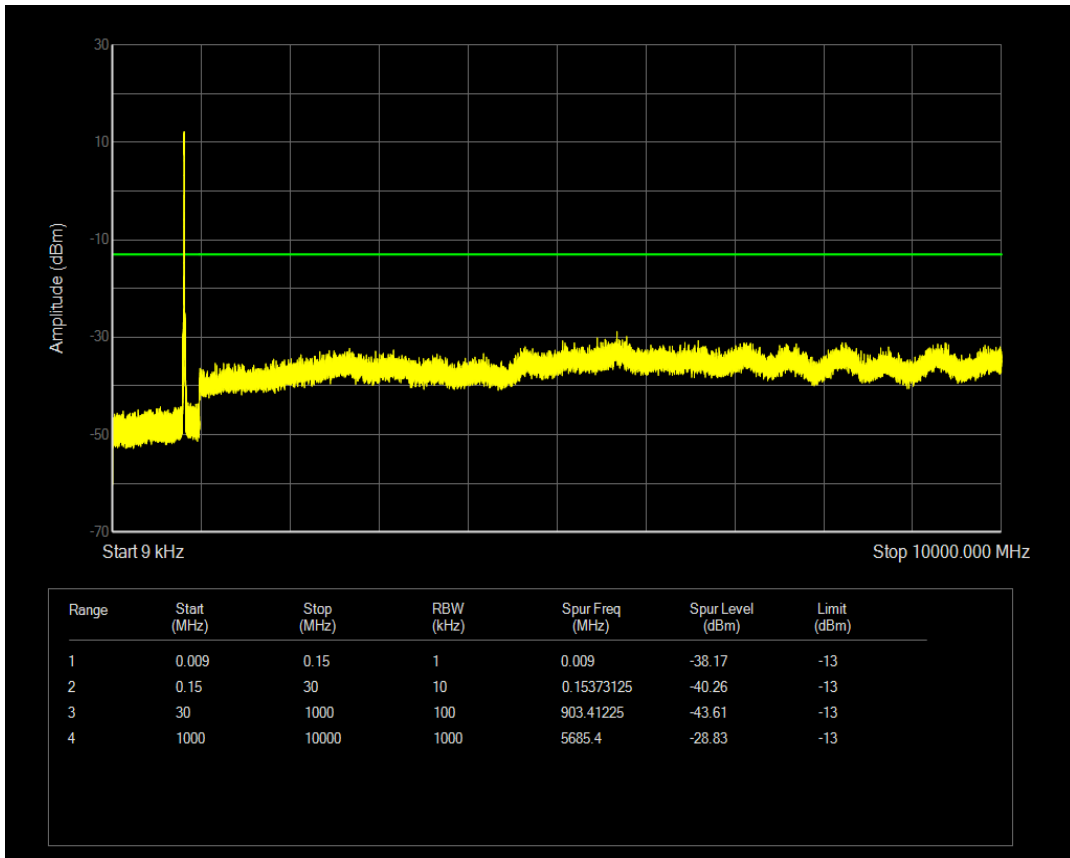


Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0

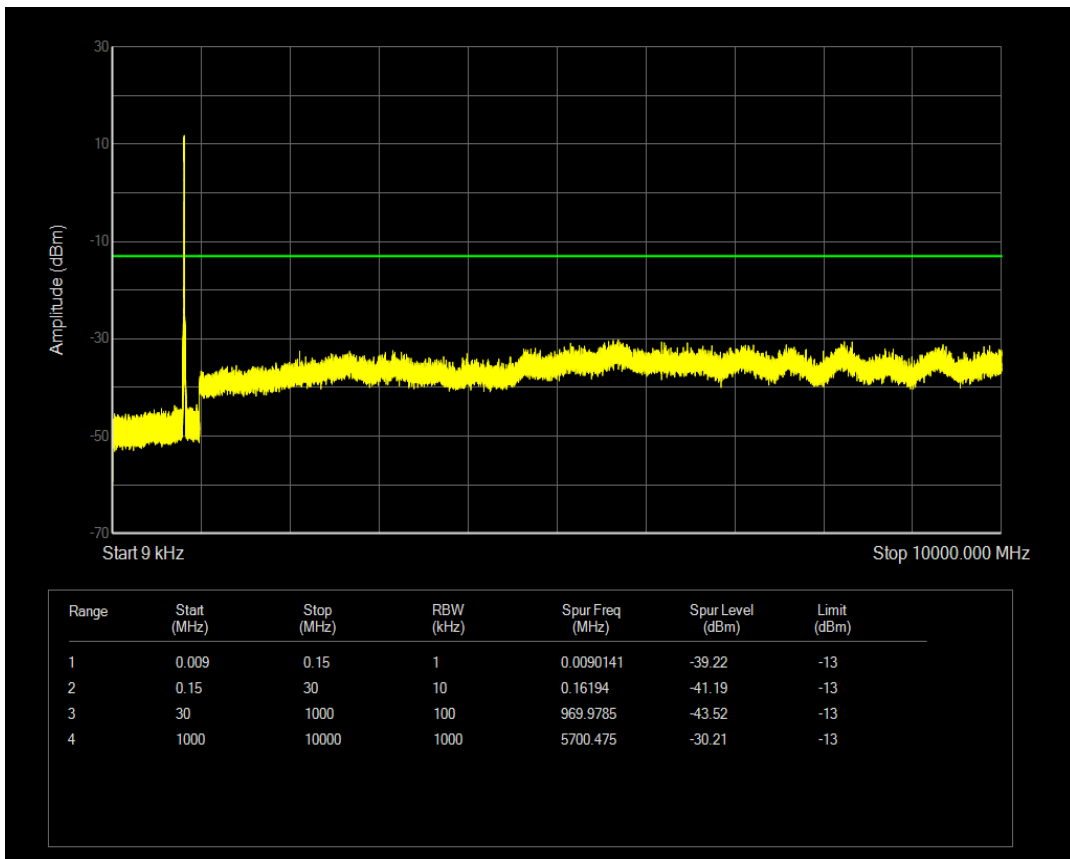


Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



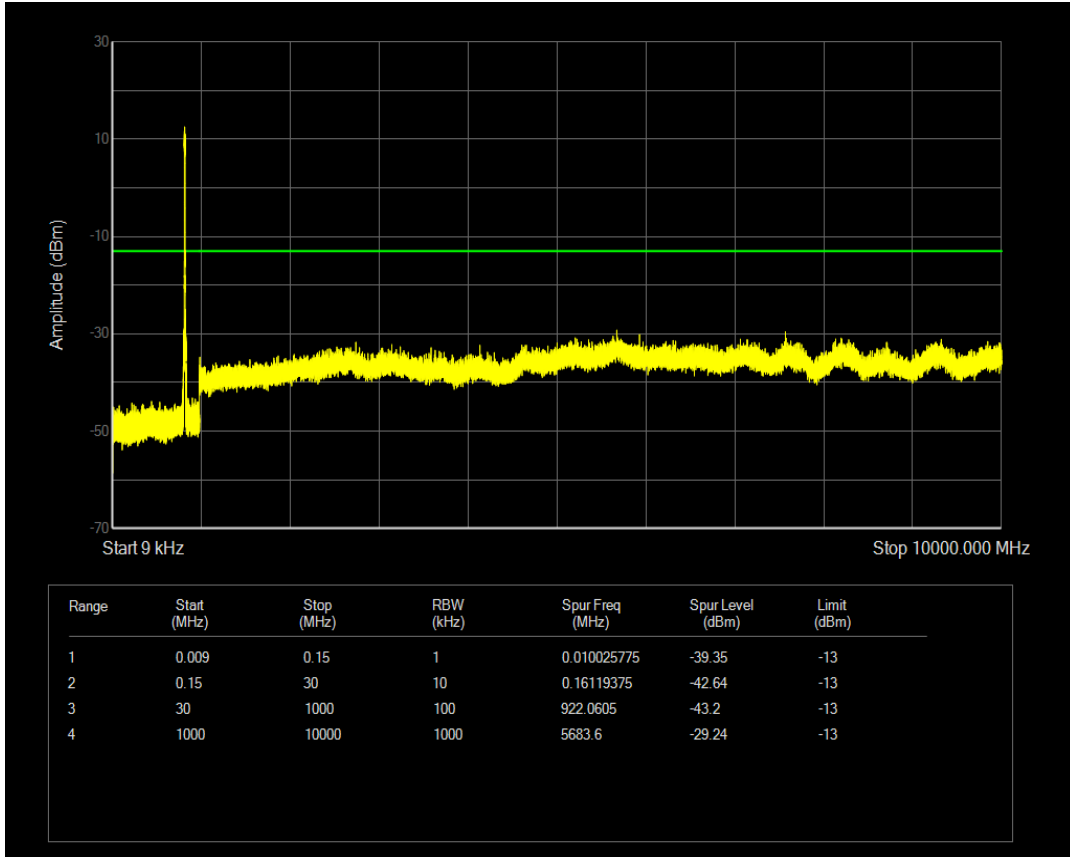


Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0

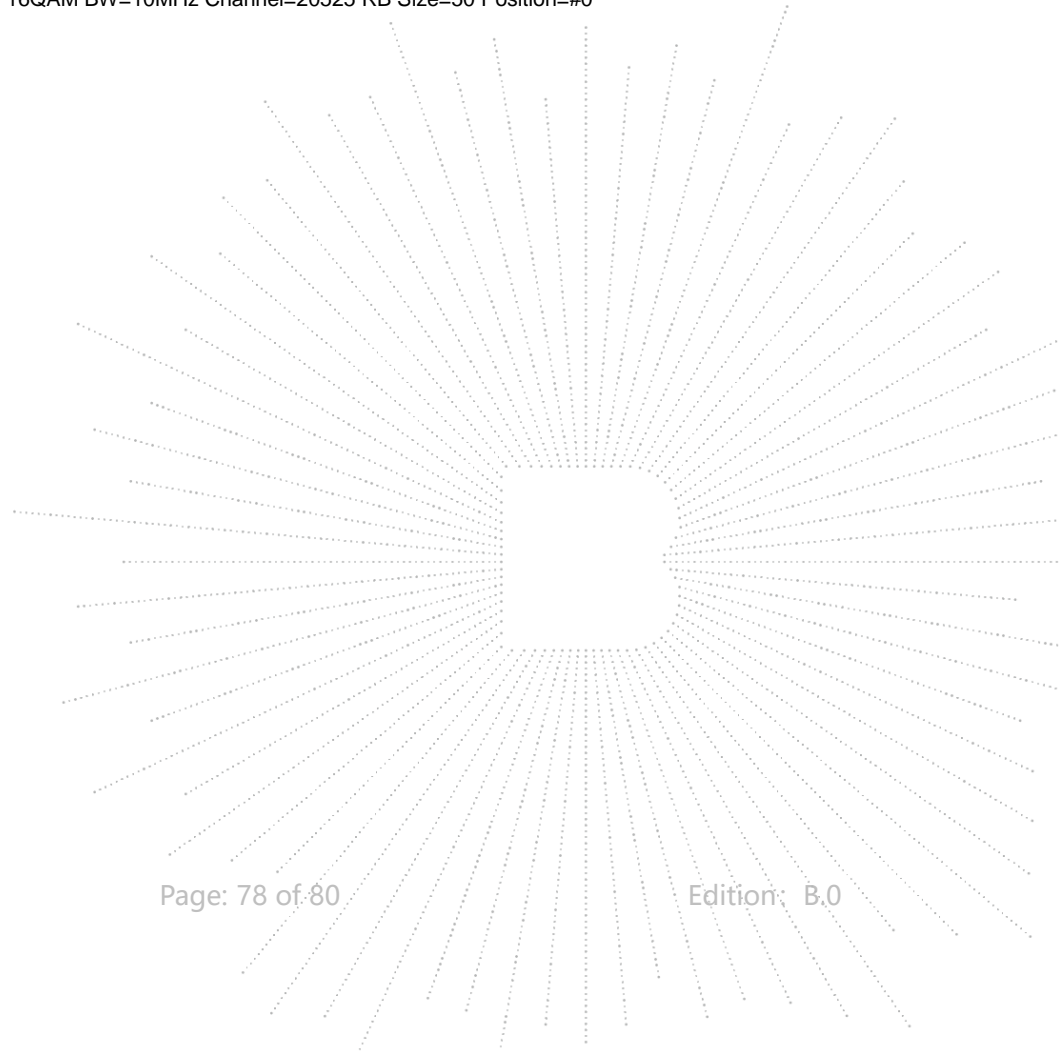


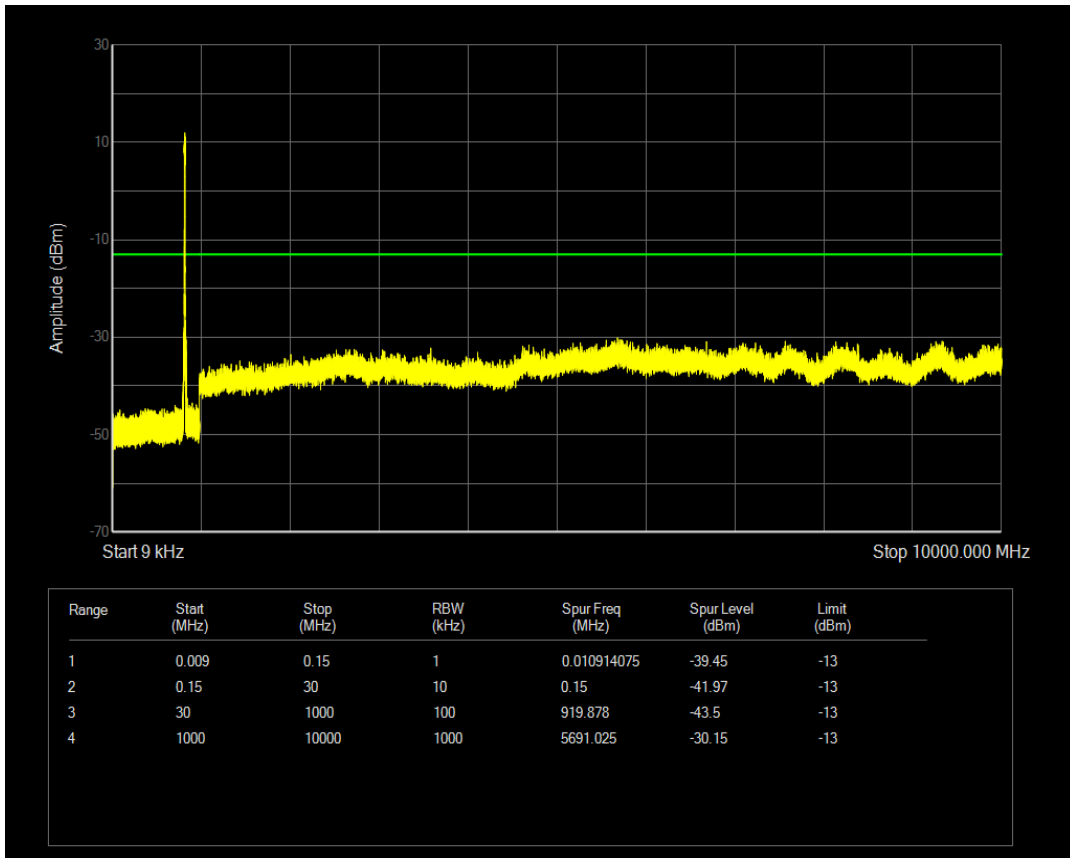


Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0

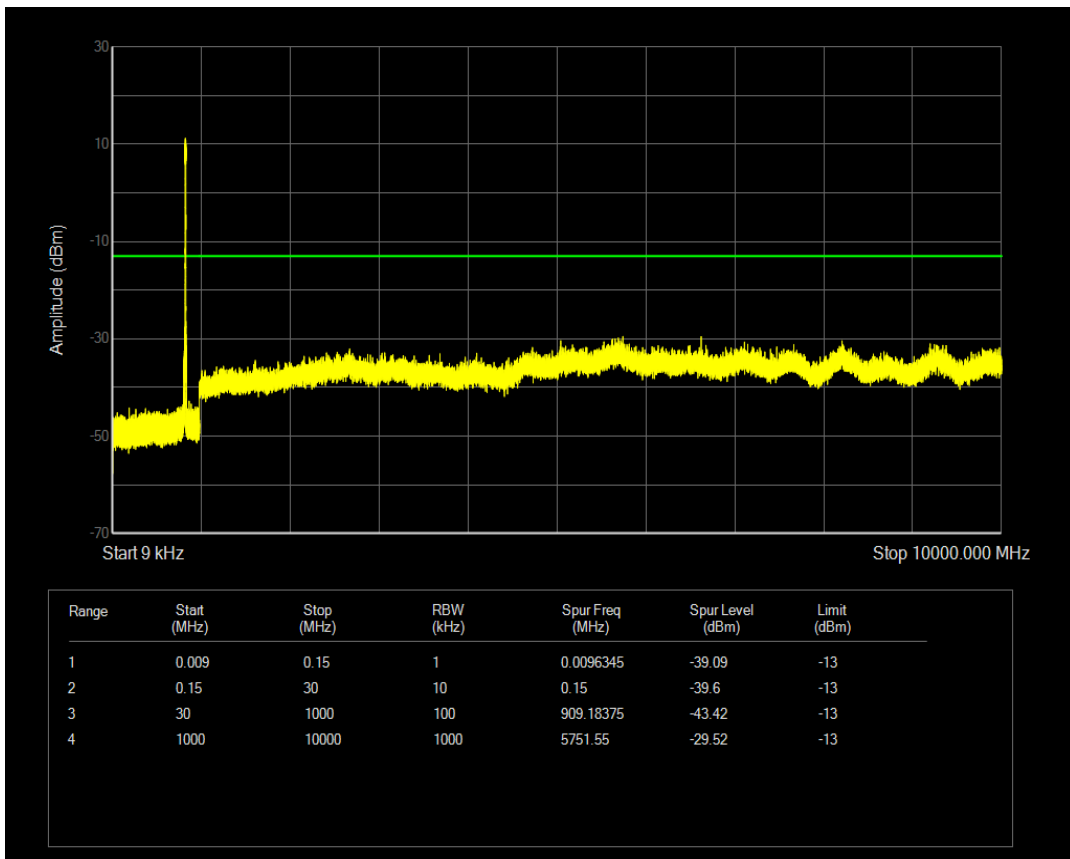


Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0





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





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

