

Appendix for Band 5

Report No.: BCTC2307757199-6E

Applicant: Shenzhen Qichang Intelligent Technology Co., Ltd

Product Name: Smart phone

Model/Type
reference: F101 PRO

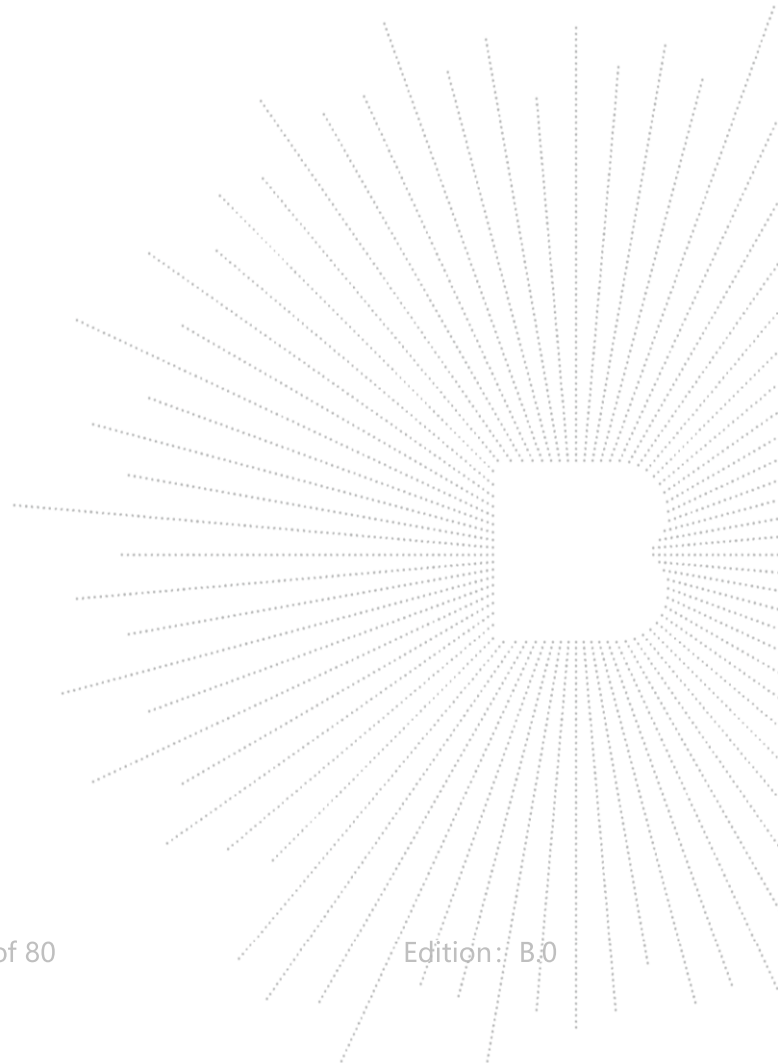
Tested Date: 2023-07-03 to 2023-07-14

Issued Date: 2023-07-17

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Conducted output power

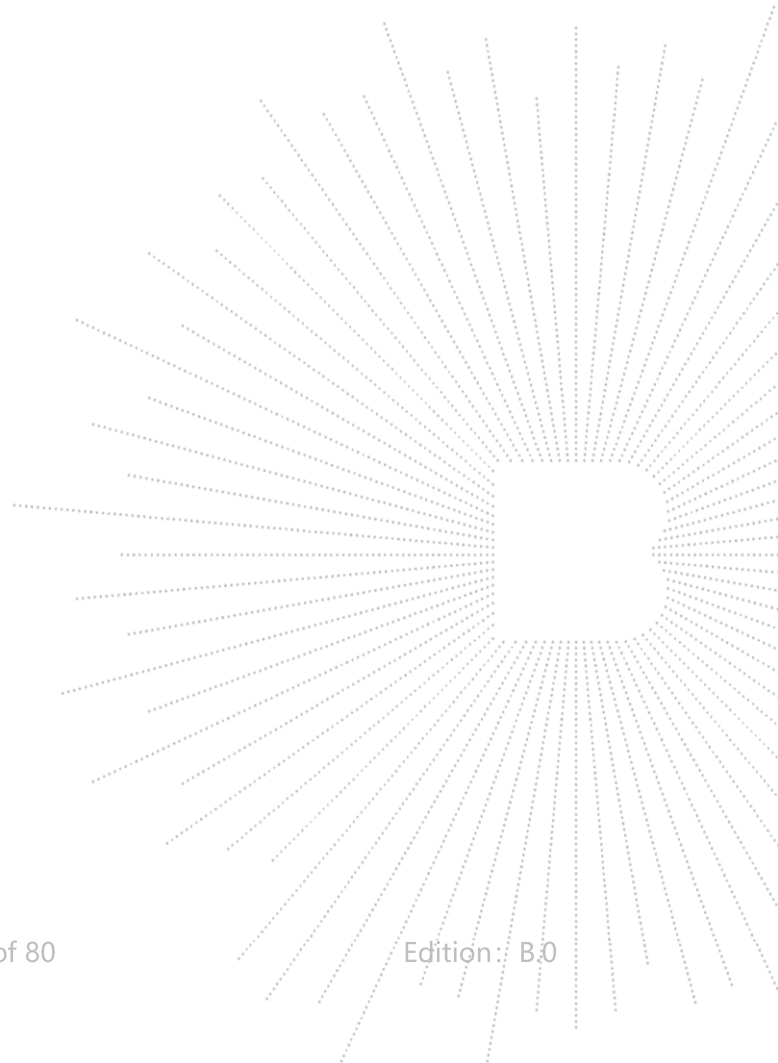
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	23.34	0.1	21.29	PASS
Band5	1.4	20407	1	#Mid	QPSK	23.47	0.1	21.42	PASS
Band5	1.4	20407	1	#Max	QPSK	23.34	0.1	21.29	PASS
Band5	1.4	20407	3	#0	QPSK	23.42	0.1	21.37	PASS
Band5	1.4	20407	3	#Mid	QPSK	23.35	0.1	21.30	PASS
Band5	1.4	20407	3	#Max	QPSK	23.36	0.1	21.31	PASS
Band5	1.4	20407	6	#0	QPSK	22.37	0.1	20.32	PASS
Band5	1.4	20407	1	#0	16QAM	22.20	0.1	20.15	PASS
Band5	1.4	20407	1	#Mid	16QAM	22.34	0.1	20.29	PASS
Band5	1.4	20407	1	#Max	16QAM	22.19	0.1	20.14	PASS
Band5	1.4	20407	3	#0	16QAM	22.51	0.1	20.46	PASS
Band5	1.4	20407	3	#Mid	16QAM	22.52	0.1	20.47	PASS
Band5	1.4	20407	3	#Max	16QAM	22.52	0.1	20.47	PASS
Band5	1.4	20407	6	#0	16QAM	21.54	0.1	19.49	PASS
Band5	1.4	20525	1	#0	QPSK	23.45	0.1	21.40	PASS
Band5	1.4	20525	1	#Mid	QPSK	23.64	0.1	21.59	PASS
Band5	1.4	20525	1	#Max	QPSK	23.46	0.1	21.41	PASS
Band5	1.4	20525	3	#0	QPSK	23.45	0.1	21.40	PASS
Band5	1.4	20525	3	#Mid	QPSK	23.47	0.1	21.42	PASS
Band5	1.4	20525	3	#Max	QPSK	23.48	0.1	21.43	PASS
Band5	1.4	20525	6	#0	QPSK	22.51	0.1	20.46	PASS
Band5	1.4	20525	1	#0	16QAM	22.56	0.1	20.51	PASS
Band5	1.4	20525	1	#Mid	16QAM	22.68	0.1	20.63	PASS
Band5	1.4	20525	1	#Max	16QAM	22.58	0.1	20.53	PASS
Band5	1.4	20525	3	#0	16QAM	22.66	0.1	20.61	PASS
Band5	1.4	20525	3	#Mid	16QAM	22.66	0.1	20.61	PASS
Band5	1.4	20525	3	#Max	16QAM	22.63	0.1	20.58	PASS
Band5	1.4	20525	6	#0	16QAM	21.71	0.1	19.66	PASS
Band5	1.4	20643	1	#0	QPSK	23.26	0.1	21.21	PASS
Band5	1.4	20643	1	#Mid	QPSK	23.40	0.1	21.35	PASS
Band5	1.4	20643	1	#Max	QPSK	23.21	0.1	21.16	PASS
Band5	1.4	20643	3	#0	QPSK	23.39	0.1	21.34	PASS
Band5	1.4	20643	3	#Mid	QPSK	23.38	0.1	21.33	PASS
Band5	1.4	20643	3	#Max	QPSK	23.35	0.1	21.30	PASS
Band5	1.4	20643	6	#0	QPSK	22.38	0.1	20.33	PASS
Band5	1.4	20643	1	#0	16QAM	22.51	0.1	20.46	PASS
Band5	1.4	20643	1	#Mid	16QAM	22.59	0.1	20.54	PASS

Band5	1.4	20643	1	#Max	16QAM	22.45	0.1	20.40	PASS
Band5	1.4	20643	3	#0	16QAM	22.58	0.1	20.53	PASS
Band5	1.4	20643	3	#Mid	16QAM	22.58	0.1	20.53	PASS
Band5	1.4	20643	3	#Max	16QAM	22.58	0.1	20.53	PASS
Band5	1.4	20643	6	#0	16QAM	21.49	0.1	19.44	PASS
Band5	3	20415	1	#0	QPSK	23.36	0.1	21.31	PASS
Band5	3	20415	1	#Mid	QPSK	23.62	0.1	21.57	PASS
Band5	3	20415	1	#Max	QPSK	23.43	0.1	21.38	PASS
Band5	3	20415	8	#0	QPSK	22.34	0.1	20.29	PASS
Band5	3	20415	8	#Mid	QPSK	22.35	0.1	20.30	PASS
Band5	3	20415	8	#Max	QPSK	22.31	0.1	20.26	PASS
Band5	3	20415	15	#0	QPSK	22.34	0.1	20.29	PASS
Band5	3	20415	1	#0	16QAM	22.24	0.1	20.19	PASS
Band5	3	20415	1	#Mid	16QAM	22.51	0.1	20.46	PASS
Band5	3	20415	1	#Max	16QAM	22.17	0.1	20.12	PASS
Band5	3	20415	8	#0	16QAM	21.33	0.1	19.28	PASS
Band5	3	20415	8	#Mid	16QAM	21.37	0.1	19.32	PASS
Band5	3	20415	8	#Max	16QAM	21.32	0.1	19.27	PASS
Band5	3	20415	15	#0	16QAM	21.38	0.1	19.33	PASS
Band5	3	20525	1	#0	QPSK	23.37	0.1	21.32	PASS
Band5	3	20525	1	#Mid	QPSK	23.71	0.1	21.66	PASS
Band5	3	20525	1	#Max	QPSK	23.38	0.1	21.33	PASS
Band5	3	20525	8	#0	QPSK	22.50	0.1	20.45	PASS
Band5	3	20525	8	#Mid	QPSK	22.50	0.1	20.45	PASS
Band5	3	20525	8	#Max	QPSK	22.50	0.1	20.45	PASS
Band5	3	20525	15	#0	QPSK	22.44	0.1	20.39	PASS
Band5	3	20525	1	#0	16QAM	22.87	0.1	20.82	PASS
Band5	3	20525	1	#Mid	16QAM	23.13	0.1	21.08	PASS
Band5	3	20525	1	#Max	16QAM	22.85	0.1	20.80	PASS
Band5	3	20525	8	#0	16QAM	21.51	0.1	19.46	PASS
Band5	3	20525	8	#Mid	16QAM	21.52	0.1	19.47	PASS
Band5	3	20525	8	#Max	16QAM	21.51	0.1	19.46	PASS
Band5	3	20525	15	#0	16QAM	21.49	0.1	19.44	PASS
Band5	3	20635	1	#0	QPSK	23.35	0.1	21.30	PASS
Band5	3	20635	1	#Mid	QPSK	23.48	0.1	21.43	PASS
Band5	3	20635	1	#Max	QPSK	23.31	0.1	21.26	PASS
Band5	3	20635	8	#0	QPSK	22.43	0.1	20.38	PASS
Band5	3	20635	8	#Mid	QPSK	22.43	0.1	20.38	PASS
Band5	3	20635	8	#Max	QPSK	22.40	0.1	20.35	PASS
Band5	3	20635	15	#0	QPSK	22.41	0.1	20.36	PASS
Band5	3	20635	1	#0	16QAM	22.54	0.1	20.49	PASS
Band5	3	20635	1	#Mid	16QAM	22.94	0.1	20.89	PASS

Band5	3	20635	1	#Max	16QAM	22.51	0.1	20.46	PASS
Band5	3	20635	8	#0	16QAM	21.43	0.1	19.38	PASS
Band5	3	20635	8	#Mid	16QAM	21.45	0.1	19.40	PASS
Band5	3	20635	8	#Max	16QAM	21.39	0.1	19.34	PASS
Band5	3	20635	15	#0	16QAM	21.36	0.1	19.31	PASS
Band5	5	20425	1	#0	QPSK	23.15	0.1	21.10	PASS
Band5	5	20425	1	#Mid	QPSK	23.48	0.1	21.43	PASS
Band5	5	20425	1	#Max	QPSK	23.19	0.1	21.14	PASS
Band5	5	20425	12	#0	QPSK	22.42	0.1	20.37	PASS
Band5	5	20425	12	#Mid	QPSK	22.36	0.1	20.31	PASS
Band5	5	20425	12	#Max	QPSK	22.35	0.1	20.30	PASS
Band5	5	20425	25	#0	QPSK	22.34	0.1	20.29	PASS
Band5	5	20425	1	#0	16QAM	22.50	0.1	20.45	PASS
Band5	5	20425	1	#Mid	16QAM	22.91	0.1	20.86	PASS
Band5	5	20425	1	#Max	16QAM	22.55	0.1	20.50	PASS
Band5	5	20425	12	#0	16QAM	21.37	0.1	19.32	PASS
Band5	5	20425	12	#Mid	16QAM	21.40	0.1	19.35	PASS
Band5	5	20425	12	#Max	16QAM	21.36	0.1	19.31	PASS
Band5	5	20425	25	#0	16QAM	21.33	0.1	19.28	PASS
Band5	5	20525	1	#0	QPSK	23.29	0.1	21.24	PASS
Band5	5	20525	1	#Mid	QPSK	23.63	0.1	21.58	PASS
Band5	5	20525	1	#Max	QPSK	23.32	0.1	21.27	PASS
Band5	5	20525	12	#0	QPSK	22.46	0.1	20.41	PASS
Band5	5	20525	12	#Mid	QPSK	22.54	0.1	20.49	PASS
Band5	5	20525	12	#Max	QPSK	22.46	0.1	20.41	PASS
Band5	5	20525	25	#0	QPSK	22.50	0.1	20.45	PASS
Band5	5	20525	1	#0	16QAM	22.82	0.1	20.77	PASS
Band5	5	20525	1	#Mid	16QAM	23.24	0.1	21.19	PASS
Band5	5	20525	1	#Max	16QAM	22.91	0.1	20.86	PASS
Band5	5	20525	12	#0	16QAM	21.48	0.1	19.43	PASS
Band5	5	20525	12	#Mid	16QAM	21.52	0.1	19.47	PASS
Band5	5	20525	12	#Max	16QAM	21.45	0.1	19.40	PASS
Band5	5	20525	25	#0	16QAM	21.47	0.1	19.42	PASS
Band5	5	20625	1	#0	QPSK	23.32	0.1	21.27	PASS
Band5	5	20625	1	#Mid	QPSK	23.70	0.1	21.65	PASS
Band5	5	20625	1	#Max	QPSK	23.25	0.1	21.20	PASS
Band5	5	20625	12	#0	QPSK	22.49	0.1	20.44	PASS
Band5	5	20625	12	#Mid	QPSK	22.50	0.1	20.45	PASS
Band5	5	20625	12	#Max	QPSK	22.38	0.1	20.33	PASS
Band5	5	20625	25	#0	QPSK	22.47	0.1	20.42	PASS
Band5	5	20625	1	#0	16QAM	22.67	0.1	20.62	PASS
Band5	5	20625	1	#Mid	16QAM	23.06	0.1	21.01	PASS

Band5	5	20625	1	#Max	16QAM	22.58	0.1	20.53	PASS
Band5	5	20625	12	#0	16QAM	21.46	0.1	19.41	PASS
Band5	5	20625	12	#Mid	16QAM	21.46	0.1	19.41	PASS
Band5	5	20625	12	#Max	16QAM	21.35	0.1	19.30	PASS
Band5	5	20625	25	#0	16QAM	21.49	0.1	19.44	PASS
Band5	10	20450	1	#0	QPSK	23.35	0.1	21.30	PASS
Band5	10	20450	1	#Mid	QPSK	23.60	0.1	21.55	PASS
Band5	10	20450	1	#Max	QPSK	23.49	0.1	21.44	PASS
Band5	10	20450	25	#0	QPSK	22.37	0.1	20.32	PASS
Band5	10	20450	25	#Mid	QPSK	22.43	0.1	20.38	PASS
Band5	10	20450	25	#Max	QPSK	22.43	0.1	20.38	PASS
Band5	10	20450	50	#0	QPSK	22.45	0.1	20.40	PASS
Band5	10	20450	1	#0	16QAM	22.18	0.1	20.13	PASS
Band5	10	20450	1	#Mid	16QAM	22.33	0.1	20.28	PASS
Band5	10	20450	1	#Max	16QAM	22.27	0.1	20.22	PASS
Band5	10	20450	25	#0	16QAM	21.38	0.1	19.33	PASS
Band5	10	20450	25	#Mid	16QAM	21.40	0.1	19.35	PASS
Band5	10	20450	25	#Max	16QAM	21.44	0.1	19.39	PASS
Band5	10	20450	50	#0	16QAM	21.44	0.1	19.39	PASS
Band5	10	20525	1	#0	QPSK	23.33	0.1	21.28	PASS
Band5	10	20525	1	#Mid	QPSK	23.52	0.1	21.47	PASS
Band5	10	20525	1	#Max	QPSK	23.39	0.1	21.34	PASS
Band5	10	20525	25	#0	QPSK	22.46	0.1	20.41	PASS
Band5	10	20525	25	#Mid	QPSK	22.49	0.1	20.44	PASS
Band5	10	20525	25	#Max	QPSK	22.55	0.1	20.50	PASS
Band5	10	20525	50	#0	QPSK	22.50	0.1	20.45	PASS
Band5	10	20525	1	#0	16QAM	22.73	0.1	20.68	PASS
Band5	10	20525	1	#Mid	16QAM	22.97	0.1	20.92	PASS
Band5	10	20525	1	#Max	16QAM	22.85	0.1	20.80	PASS
Band5	10	20525	25	#0	16QAM	21.51	0.1	19.46	PASS
Band5	10	20525	25	#Mid	16QAM	21.57	0.1	19.52	PASS
Band5	10	20525	25	#Max	16QAM	21.60	0.1	19.55	PASS
Band5	10	20525	50	#0	16QAM	21.50	0.1	19.45	PASS
Band5	10	20600	1	#0	QPSK	23.36	0.1	21.31	PASS
Band5	10	20600	1	#Mid	QPSK	23.54	0.1	21.49	PASS
Band5	10	20600	1	#Max	QPSK	23.29	0.1	21.24	PASS
Band5	10	20600	25	#0	QPSK	22.55	0.1	20.50	PASS
Band5	10	20600	25	#Mid	QPSK	22.53	0.1	20.48	PASS
Band5	10	20600	25	#Max	QPSK	22.45	0.1	20.40	PASS
Band5	10	20600	50	#0	QPSK	22.54	0.1	20.49	PASS
Band5	10	20600	1	#0	16QAM	22.62	0.1	20.57	PASS
Band5	10	20600	1	#Mid	16QAM	22.70	0.1	20.65	PASS

Band5	10	20600	1	#Max	16QAM	22.48	0.1	20.43	PASS
Band5	10	20600	25	#0	16QAM	21.58	0.1	19.53	PASS
Band5	10	20600	25	#Mid	16QAM	21.55	0.1	19.50	PASS
Band5	10	20600	25	#Max	16QAM	21.48	0.1	19.43	PASS
Band5	10	20600	50	#0	16QAM	21.59	0.1	19.54	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	-3.86	-0.005	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	NT	-8.28	-0.010	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	HV	NT	-10.00	-0.012	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	LV	NT	-7.45	-0.009	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	NT	-6.14	-0.007	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	HV	NT	-0.14	0.000	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	LV	NT	-1.49	-0.002	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	NT	-0.04	0.000	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	HV	NT	-4.78	-0.006	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	LV	NT	-3.83	-0.005	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	NT	-0.92	-0.001	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	HV	NT	-5.56	-0.007	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	LV	NT	-5.28	-0.006	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	NT	-2.30	-0.003	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	HV	NT	-5.74	-0.007	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	LV	NT	-4.94	-0.006	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	NT	-2.49	-0.003	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	HV	NT	-6.48	-0.00	-2.5	2.5	PASS

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Band 5	3	20415	15	#0	QPSK	LV	NT	-11.37	-0.014	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	NT	-15.66	-0.019	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	HV	NT	-13.63	-0.017	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	LV	NT	-13.20	-0.016	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	NT	-11.93	-0.014	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	HV	NT	-6.68	-0.008	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	LV	NT	-4.92	-0.006	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	NT	-2.36	-0.003	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	HV	NT	-2.78	-0.003	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	LV	NT	-1.14	-0.001	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	NT	-4.32	-0.005	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	HV	NT	-6.21	-0.007	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	LV	NT	1.57	0.002	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	NT	0.17	0.000	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	HV	NT	-4.21	-0.005	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	LV	NT	-4.61	-0.005	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	NT	-1.99	-0.002	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	HV	NT	-0.67	-0.001	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	LV	NT	-14.39	-0.017	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	NT	-12.23	-0.015	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	HV	NT	-11.39	-0.014	-2.5	2.5	PASS

Band 5	5	20425	25	#0	16QAM	LV	NT	-8.68	-0.011	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	NT	-6.87	-0.008	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	HV	NT	-4.29	-0.005	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	LV	NT	-3.25	-0.004	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	NT	-2.45	-0.003	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	HV	NT	-5.55	-0.007	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	LV	NT	-5.64	-0.007	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	NT	-1.92	-0.002	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	HV	NT	-3.86	-0.005	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	LV	NT	-6.24	-0.007	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	NT	-5.54	-0.007	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	HV	NT	-8.08	-0.010	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	LV	NT	-6.24	-0.007	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	NT	-5.46	-0.006	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	HV	NT	-4.88	-0.006	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	LV	NT	-8.90	-0.011	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	NT	-9.67	-0.012	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	HV	NT	-9.03	-0.011	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	LV	NT	-6.92	-0.008	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	NT	-5.16	-0.006	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	HV	NT	-2.78	-0.003	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	LV	NT	-3.73	-0.00	-2.5	2.5	PASS

5									4			
Band 5	10	20525	50	#0	QPSK	NV	NT	-6.92	-0.008	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	HV	NT	-7.21	-0.009	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	LV	NT	-3.71	-0.004	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	NT	-4.49	-0.005	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	HV	NT	-7.08	-0.008	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	LV	NT	-6.77	-0.008	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	NT	-9.51	-0.011	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	HV	NT	-7.75	-0.009	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	LV	NT	-7.24	-0.009	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	NT	-4.79	-0.006	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	HV	NT	-5.82	-0.007	-2.5	2.5	PASS

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	NV	-30	-6.28	-0.008	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	-20	-8.24	-0.010	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	0	-2.62	-0.003	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	10	-6.47	-0.008	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	20	3.99	0.005	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QAM16	NV	-30	-0.59	-0.001	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QAM16	NV	-20	1.06	0.001	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QAM16	NV	0	-1.77	-0.00	-2.5	2.5	PASS

5									2			
Band 5	1.4	20407	6	#0	QAM16	NV	10	-6.72	-0.008	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QAM16	NV	20	-6.88	-0.008	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	-30	-6.81	-0.008	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	-20	-5.21	-0.006	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	0	0.74	0.001	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	10	-1.07	-0.001	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	20	-0.17	0.000	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QAM16	NV	-30	-0.97	-0.001	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QAM16	NV	-20	-3.00	-0.004	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QAM16	NV	0	-1.50	-0.002	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QAM16	NV	10	-2.39	-0.003	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QAM16	NV	20	-9.88	-0.012	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	-30	-2.47	-0.003	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	-20	1.86	0.002	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	0	-3.42	-0.004	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	10	-0.20	0.000	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	20	-5.12	-0.006	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QAM16	NV	-30	-4.95	-0.006	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QAM16	NV	-20	3.46	0.004	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QAM16	NV	0	-1.10	-0.001	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QAM16	NV	10	-0.47	-0.001	-2.5	2.5	PASS

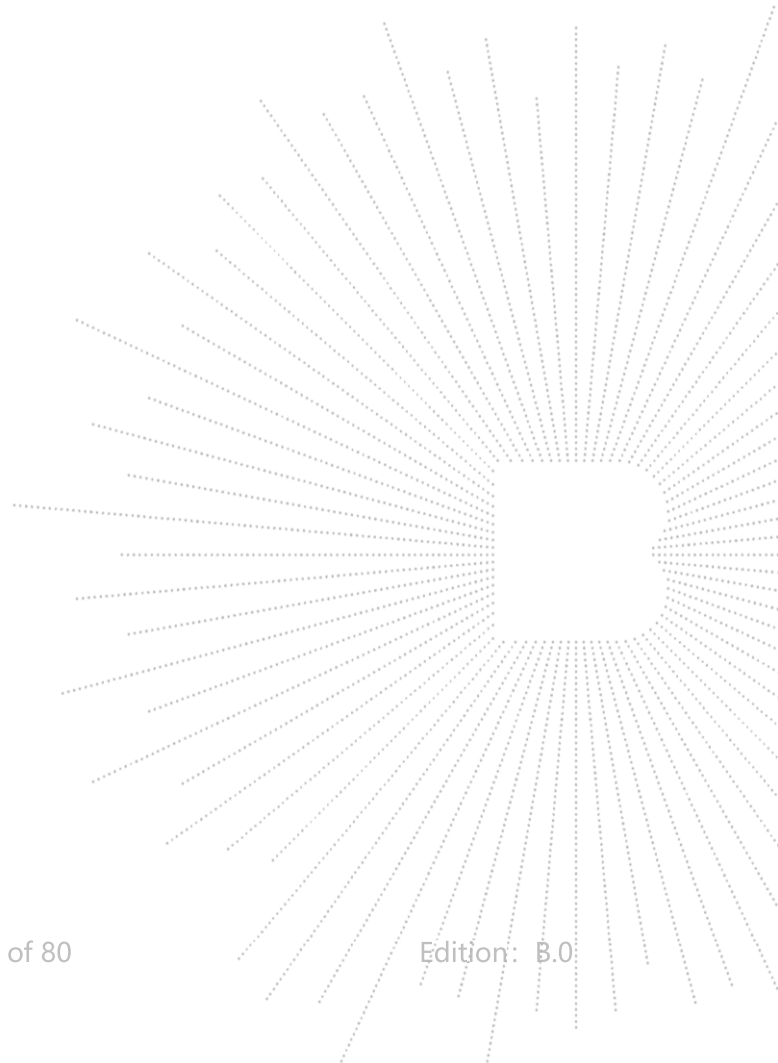
Band 5	1.4	20643	6	#0	QAM16	NV	20	-0.77	-0.00 1	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	-30	-7.51	-0.00 9	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	-20	-6.67	-0.00 8	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	0	0.60	0.001	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	10	1.23	0.001	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	20	-4.22	-0.00 5	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QAM16	NV	-30	-9.80	-0.01 2	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QAM16	NV	-20	-2.02	-0.00 2	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QAM16	NV	0	1.36	0.002	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QAM16	NV	10	-1.77	-0.00 2	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QAM16	NV	20	-8.10	-0.01 0	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	-30	-2.17	-0.00 3	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	-20	-2.27	-0.00 3	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	0	0.39	0.000	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	10	-1.65	-0.00 2	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	20	2.10	0.003	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QAM16	NV	-30	-1.72	-0.00 2	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QAM16	NV	-20	-5.58	-0.00 7	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QAM16	NV	0	-4.91	-0.00 6	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QAM16	NV	10	-5.26	-0.00 6	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QAM16	NV	20	-4.16	-0.00 5	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	-30	-5.51	-0.00	-2.5	2.5	PASS

5								7				
Band 5	3	20635	15	#0	QPSK	NV	-20	-4.31	-0.005	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	0	-1.03	-0.001	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	10	1.43	0.002	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	20	1.70	0.002	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QAM16	NV	-30	-0.29	0.000	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QAM16	NV	-20	0.03	0.000	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QAM16	NV	0	-2.42	-0.003	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QAM16	NV	10	-2.49	-0.003	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QAM16	NV	20	-1.40	-0.002	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	-30	-1.96	-0.002	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	-20	-1.73	-0.002	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	0	-5.99	-0.007	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	10	-3.85	-0.005	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	20	-1.93	-0.002	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QAM16	NV	-30	-1.50	-0.002	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QAM16	NV	-20	-2.27	-0.003	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QAM16	NV	0	-5.28	-0.006	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QAM16	NV	10	-0.82	-0.001	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QAM16	NV	20	-3.60	-0.004	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	-30	-4.58	-0.005	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	-20	-1.49	-0.002	-2.5	2.5	PASS

Band 5	5	20525	25	#0	QPSK	NV	0	-0.74	-0.00 1	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	10	-6.07	-0.00 7	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	20	-2.46	-0.00 3	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QAM16	NV	-30	-4.69	-0.00 6	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QAM16	NV	-20	-6.18	-0.00 7	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QAM16	NV	0	-5.64	-0.00 7	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QAM16	NV	10	-5.18	-0.00 6	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QAM16	NV	20	-5.75	-0.00 7	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	-30	-4.23	-0.00 5	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	-20	-1.20	-0.00 1	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	0	-0.86	-0.00 1	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	10	-4.61	-0.00 5	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	20	-2.15	-0.00 3	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QAM16	NV	-30	-1.72	-0.00 2	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QAM16	NV	-20	-5.62	-0.00 7	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QAM16	NV	0	-2.88	-0.00 3	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QAM16	NV	10	1.76	0.002	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QAM16	NV	20	-1.42	-0.00 2	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	-30	-6.54	-0.00 8	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	-20	-1.89	-0.00 2	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	0	-2.75	-0.00 3	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	10	-3.22	-0.00	-2.5	2.5	PASS

5									4			
Band 5	10	20450	50	#0	QPSK	NV	20	-3.20	-0.00 4	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QAM16	NV	-30	-3.15	-0.00 4	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QAM16	NV	-20	-0.41	0.000	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QAM16	NV	0	-2.32	-0.00 3	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QAM16	NV	10	-2.43	-0.00 3	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QAM16	NV	20	-3.62	-0.00 4	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	-30	-1.39	-0.00 2	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	-20	-4.26	-0.00 5	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	0	-0.72	-0.00 1	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	10	-3.78	-0.00 5	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	20	-1.79	-0.00 2	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QAM16	NV	-30	1.30	0.002	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QAM16	NV	-20	-4.56	-0.00 5	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QAM16	NV	0	-2.30	-0.00 3	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QAM16	NV	10	-3.33	-0.00 4	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QAM16	NV	20	-4.19	-0.00 5	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	-30	-2.37	-0.00 3	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	-20	-3.98	-0.00 5	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	0	-5.88	-0.00 7	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	10	-3.76	-0.00 4	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	20	-4.63	-0.00 5	-2.5	2.5	PASS

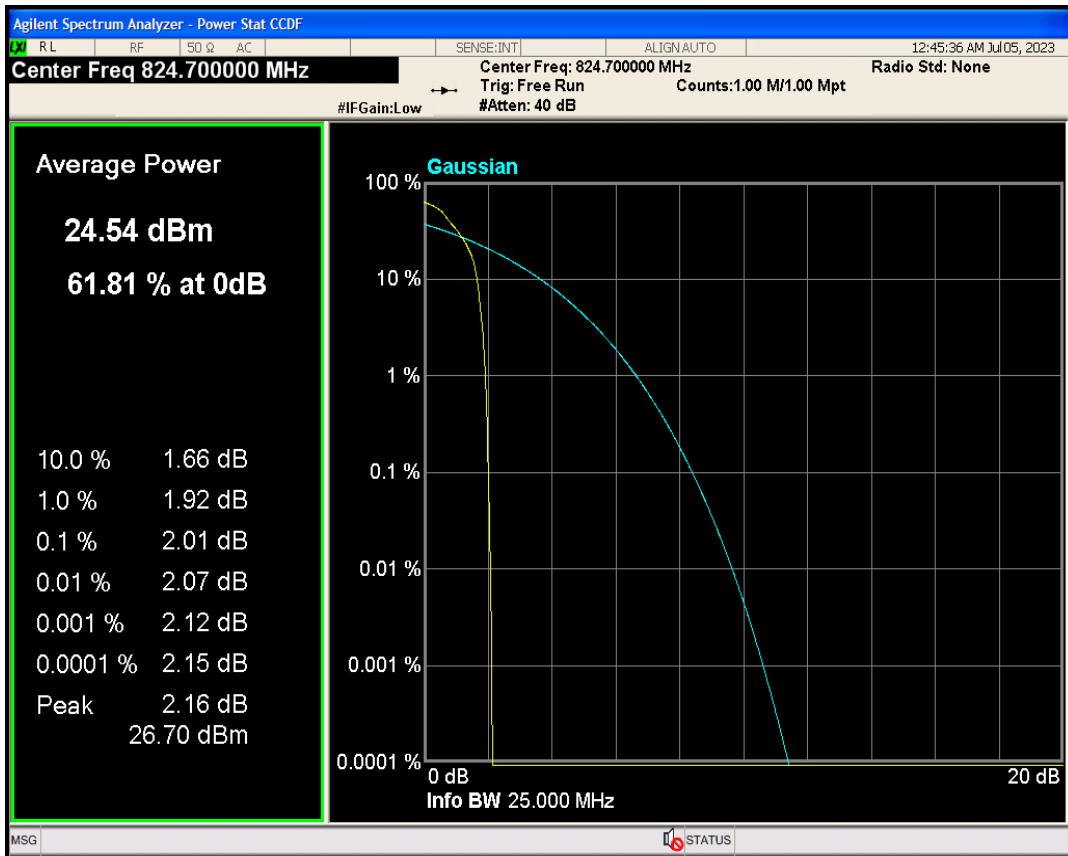
Band 5	10	20600	50	#0	QAM16	NV	-30	-1.72	-0.00 2	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QAM16	NV	-20	-1.72	-0.00 2	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QAM16	NV	0	-4.62	-0.00 5	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QAM16	NV	10	-1.85	-0.00 2	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QAM16	NV	20	-1.03	-0.00 1	-2.5	2.5	PASS



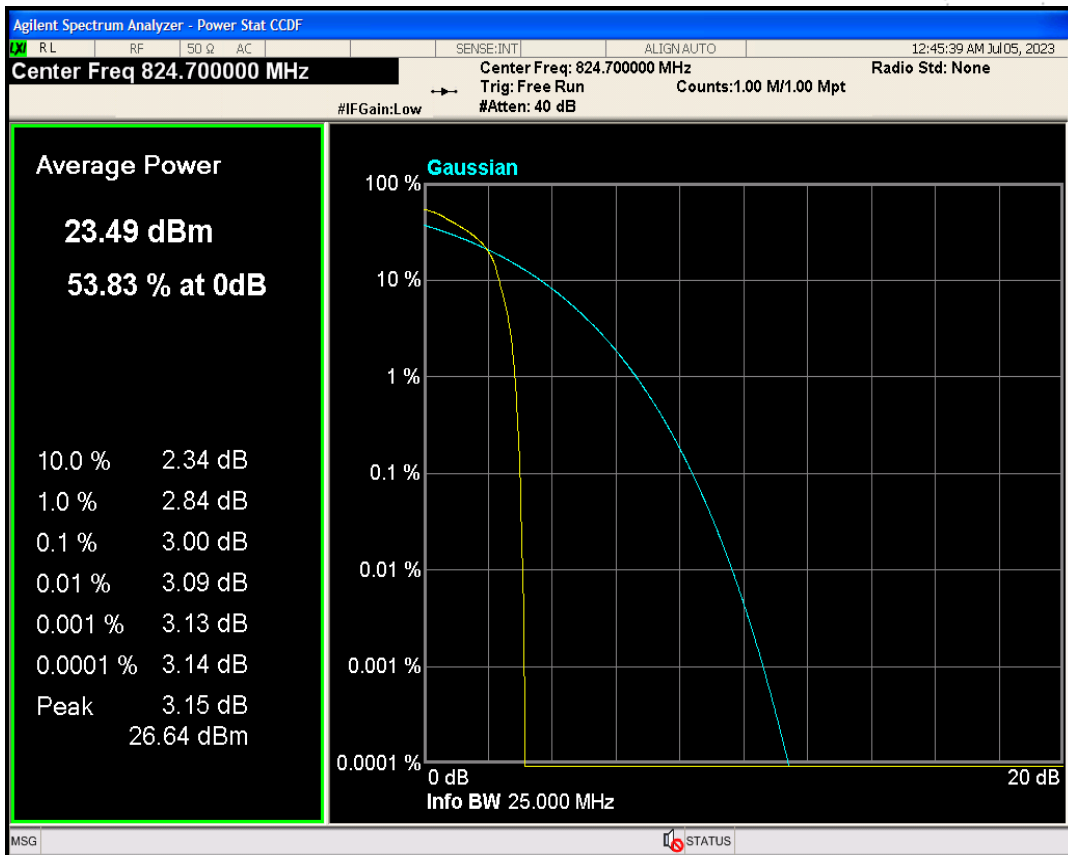
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	1.4	20407	1	#0	QPSK	2.01	13	PASS
Band5	1.4	20407	1	#0	16QAM	3.00	13	PASS
Band5	1.4	20525	1	#0	QPSK	2.71	13	PASS
Band5	1.4	20525	1	#0	16QAM	3.67	13	PASS
Band5	1.4	20643	1	#0	QPSK	3.70	13	PASS
Band5	1.4	20643	1	#0	16QAM	4.59	13	PASS
Band5	3	20415	1	#0	QPSK	2.02	13	PASS
Band5	3	20415	1	#0	16QAM	2.86	13	PASS
Band5	3	20525	1	#0	QPSK	2.78	13	PASS
Band5	3	20525	1	#0	16QAM	3.86	13	PASS
Band5	3	20635	1	#0	QPSK	3.14	13	PASS
Band5	3	20635	1	#0	16QAM	4.03	13	PASS
Band5	5	20425	1	#0	QPSK	2.10	13	PASS
Band5	5	20425	1	#0	16QAM	2.88	13	PASS
Band5	5	20525	1	#0	QPSK	3.20	13	PASS
Band5	5	20525	1	#0	16QAM	4.16	13	PASS
Band5	5	20625	1	#0	QPSK	4.15	13	PASS
Band5	5	20625	1	#0	16QAM	4.86	13	PASS
Band5	10	20450	1	#0	QPSK	1.98	13	PASS
Band5	10	20450	1	#0	16QAM	2.91	13	PASS
Band5	10	20525	1	#0	QPSK	3.91	13	PASS
Band5	10	20525	1	#0	16QAM	4.74	13	PASS
Band5	10	20600	1	#0	QPSK	3.79	13	PASS
Band5	10	20600	1	#0	16QAM	4.63	13	PASS

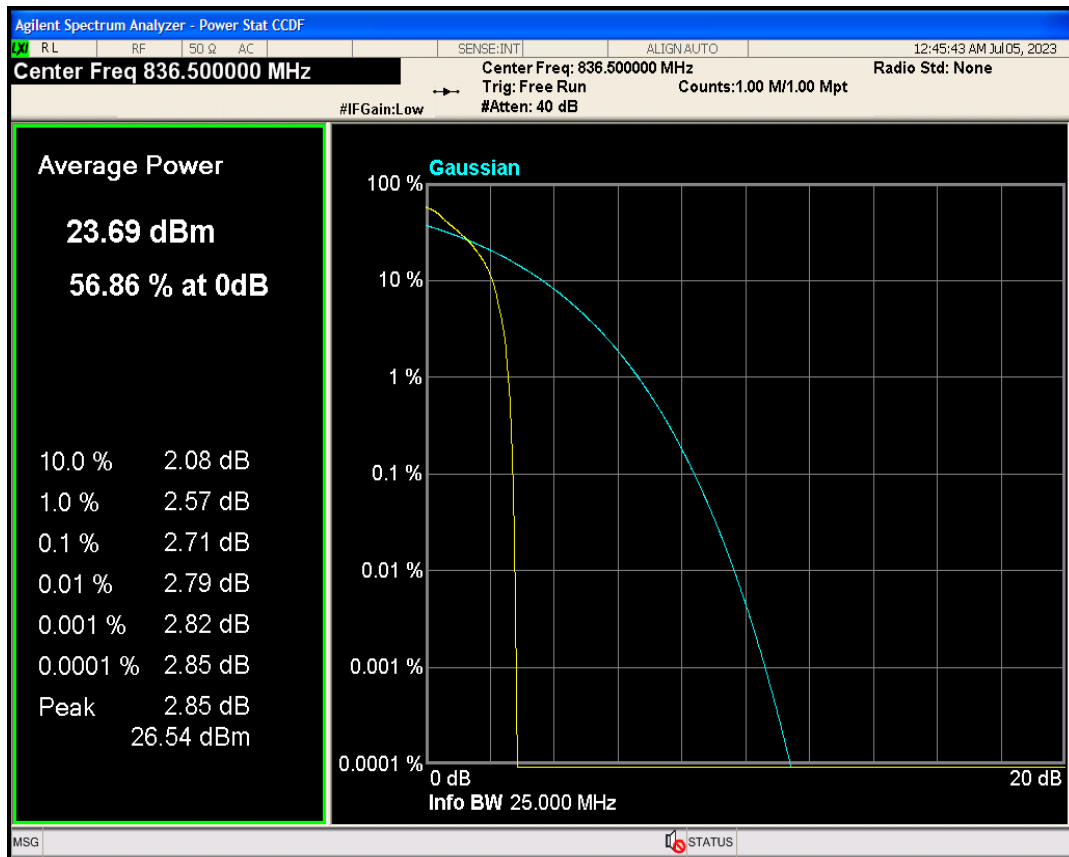
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



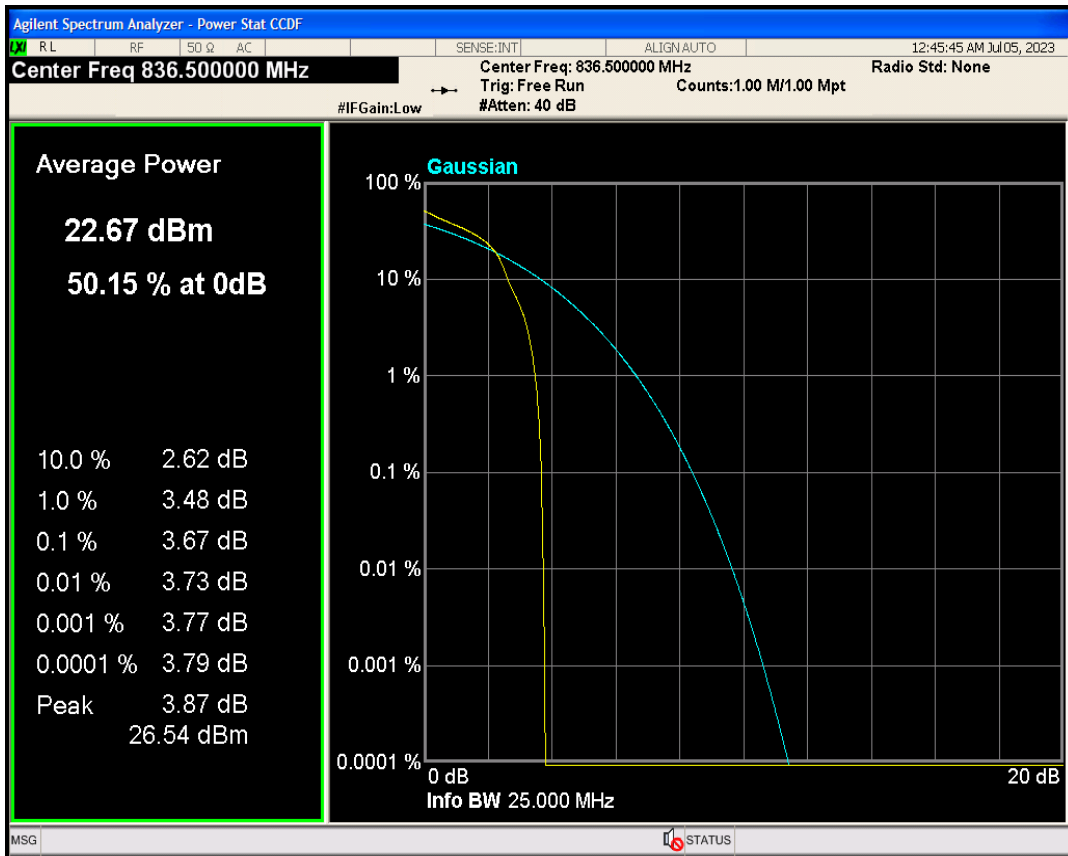
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



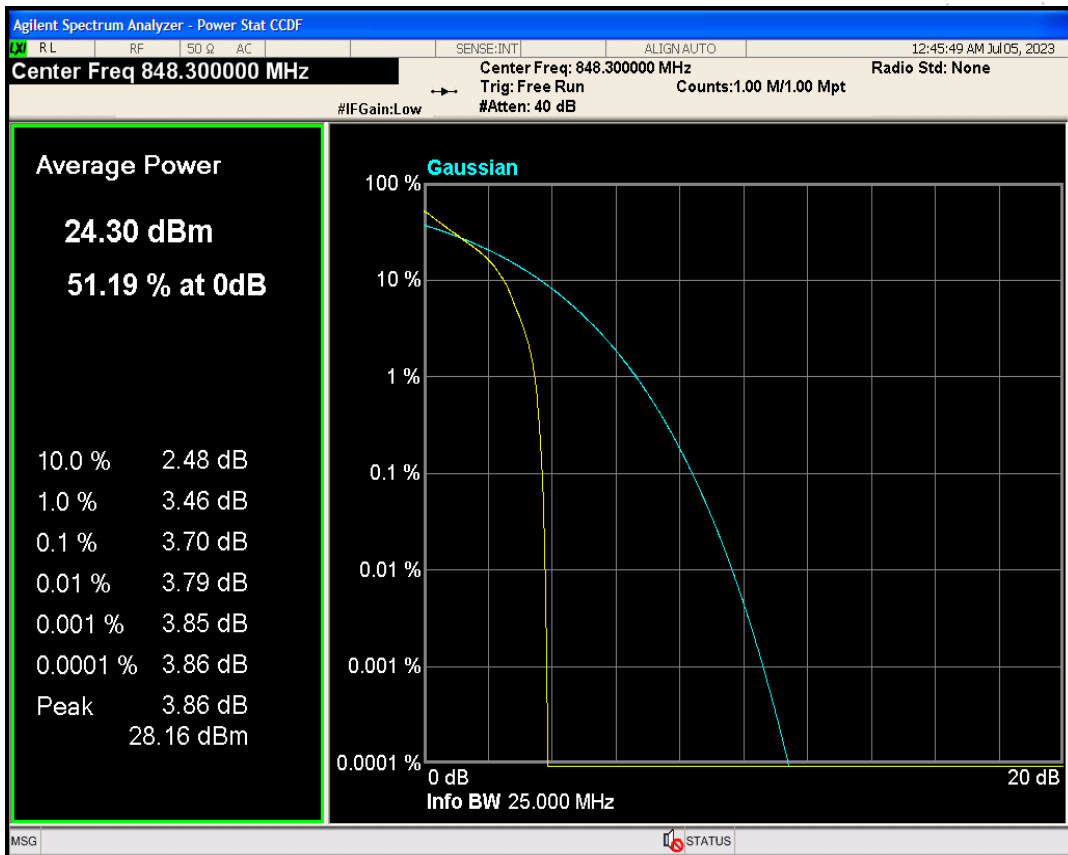
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



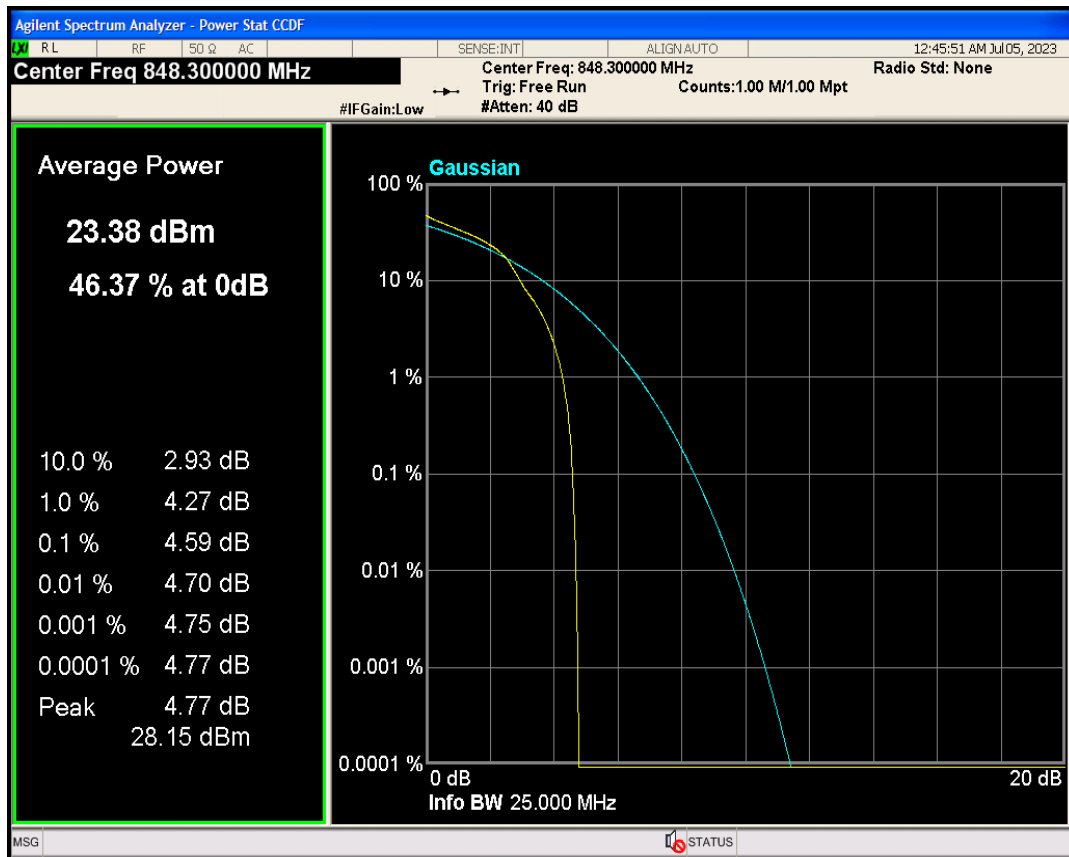
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



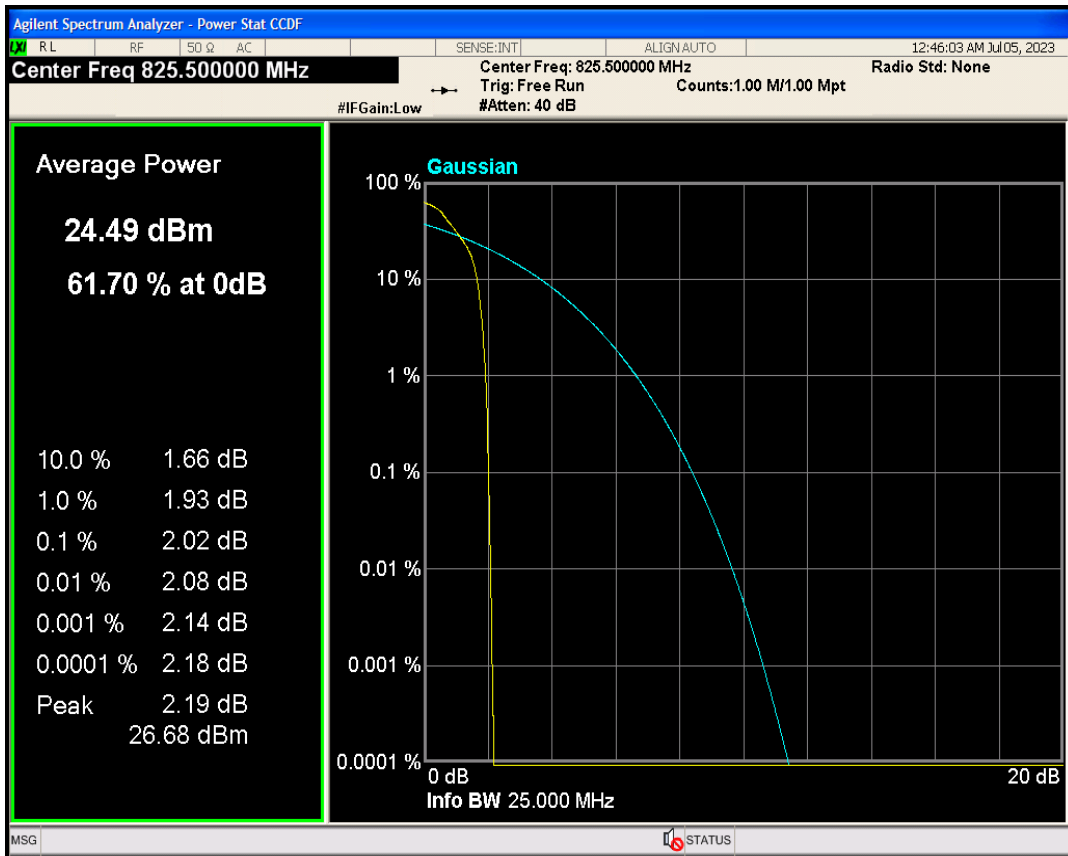
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



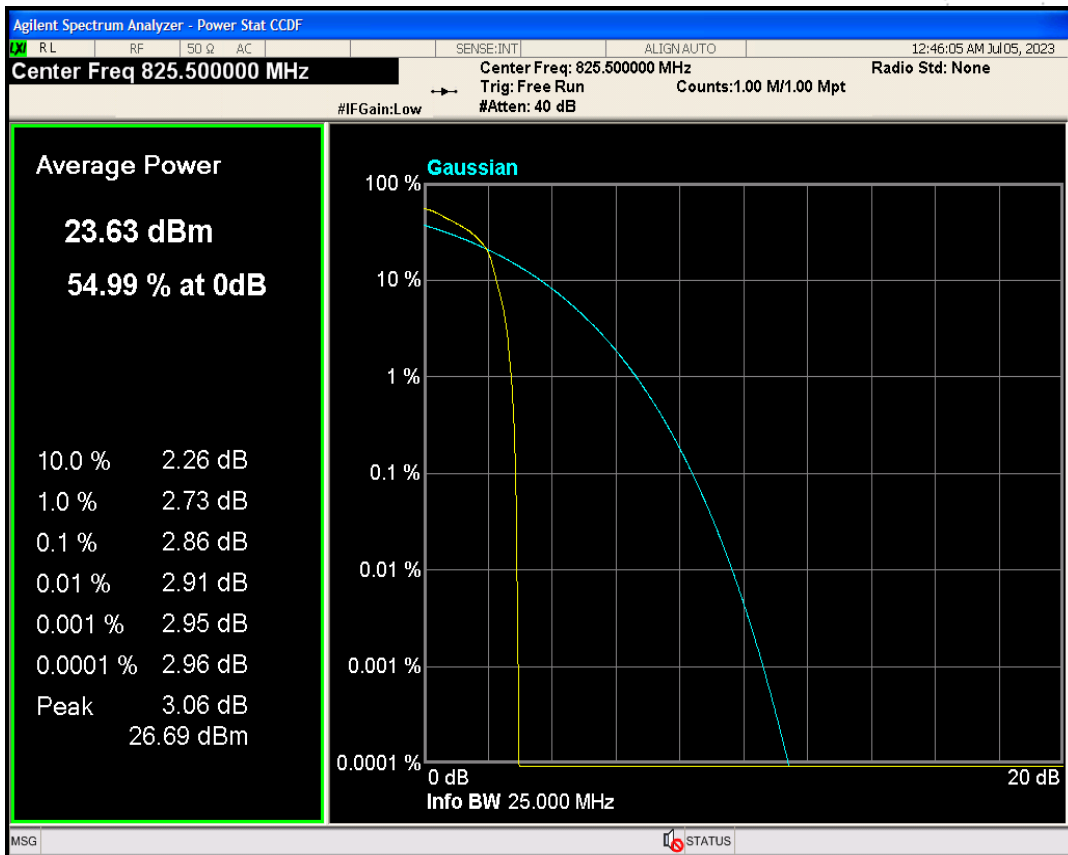
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



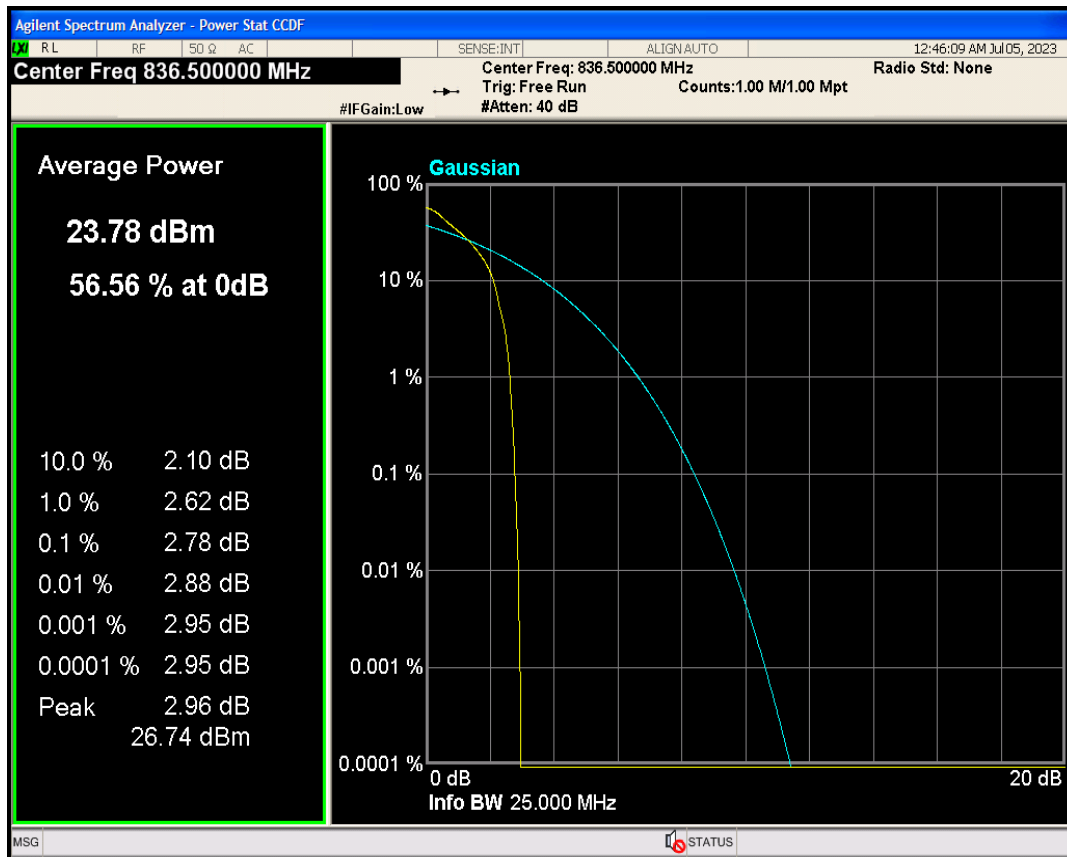
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



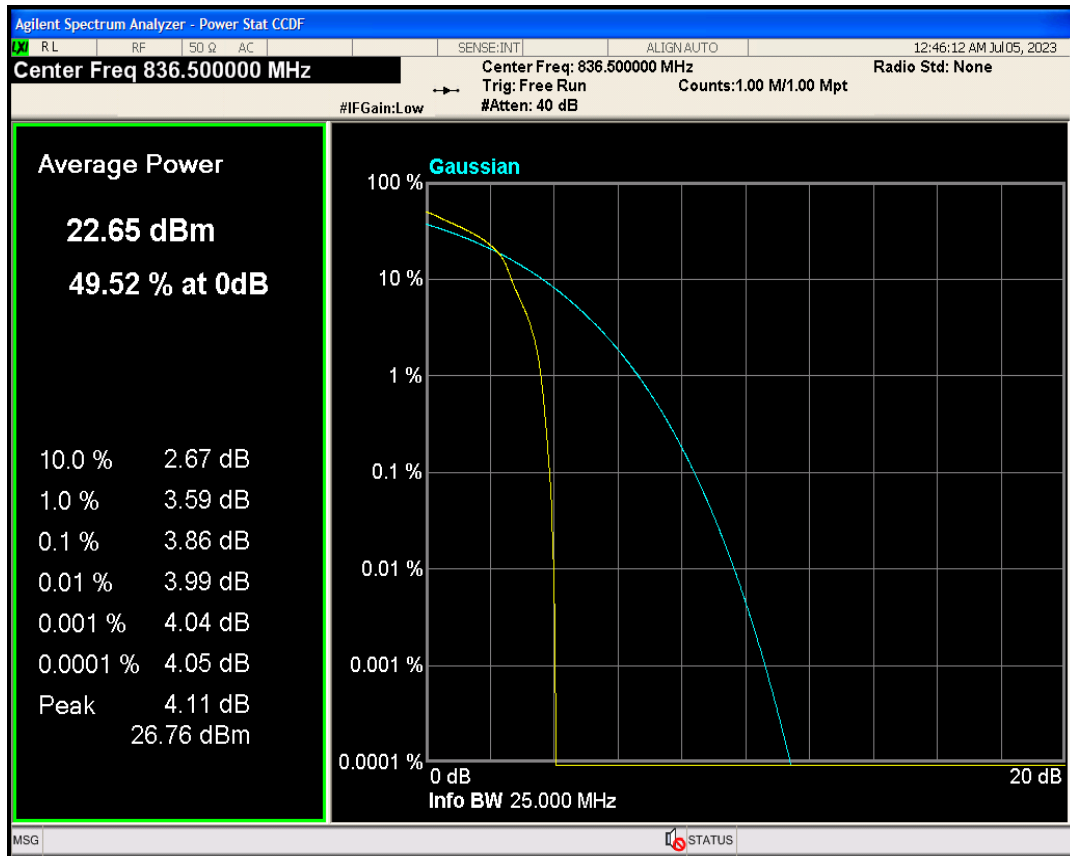
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



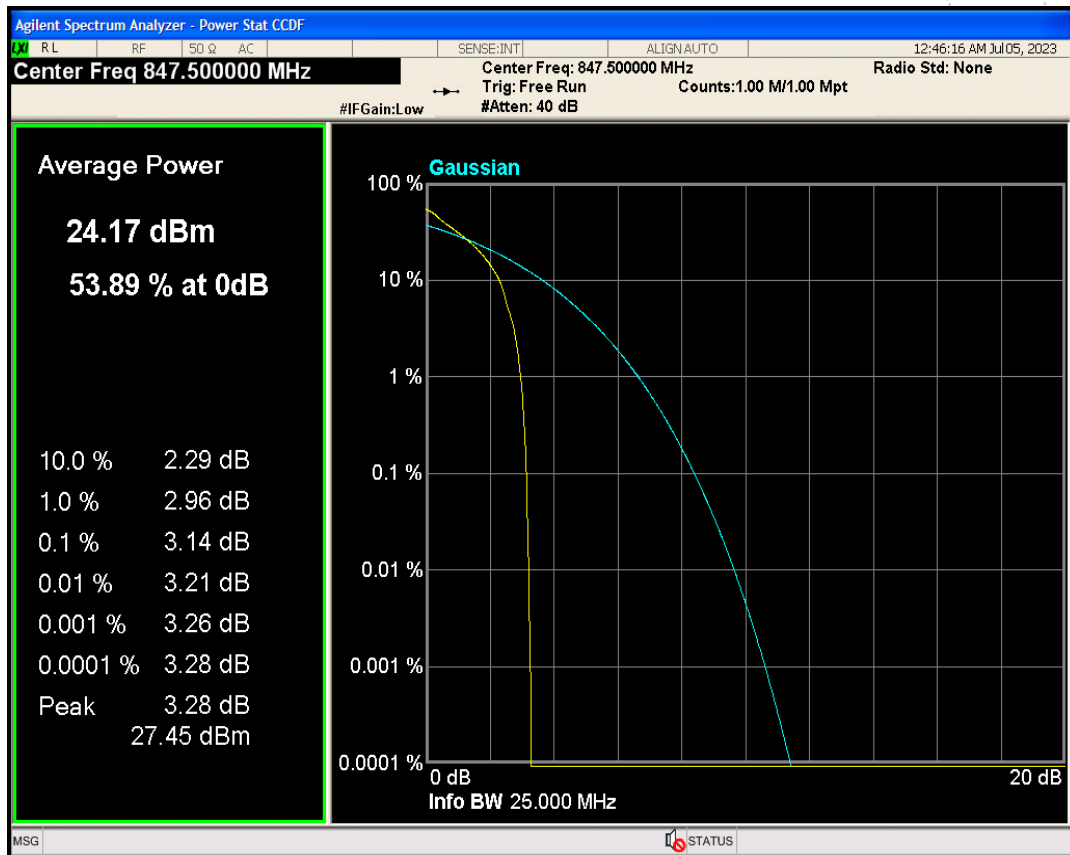
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



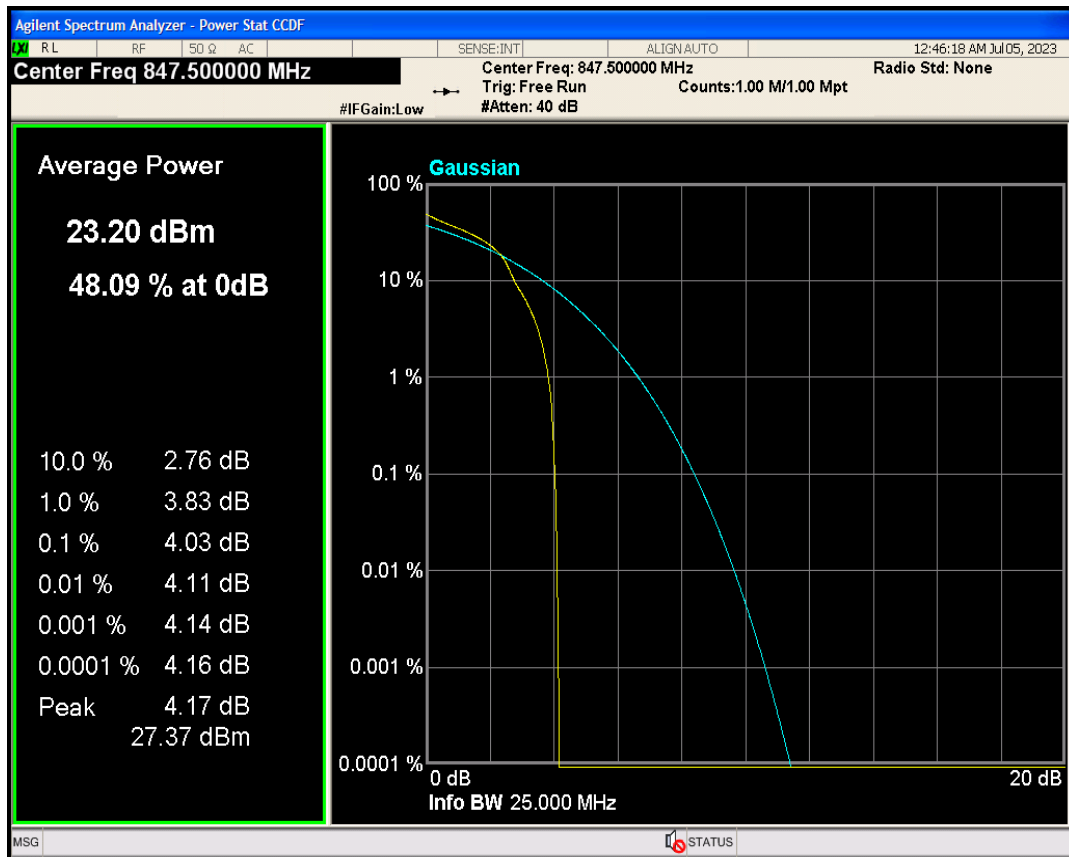
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



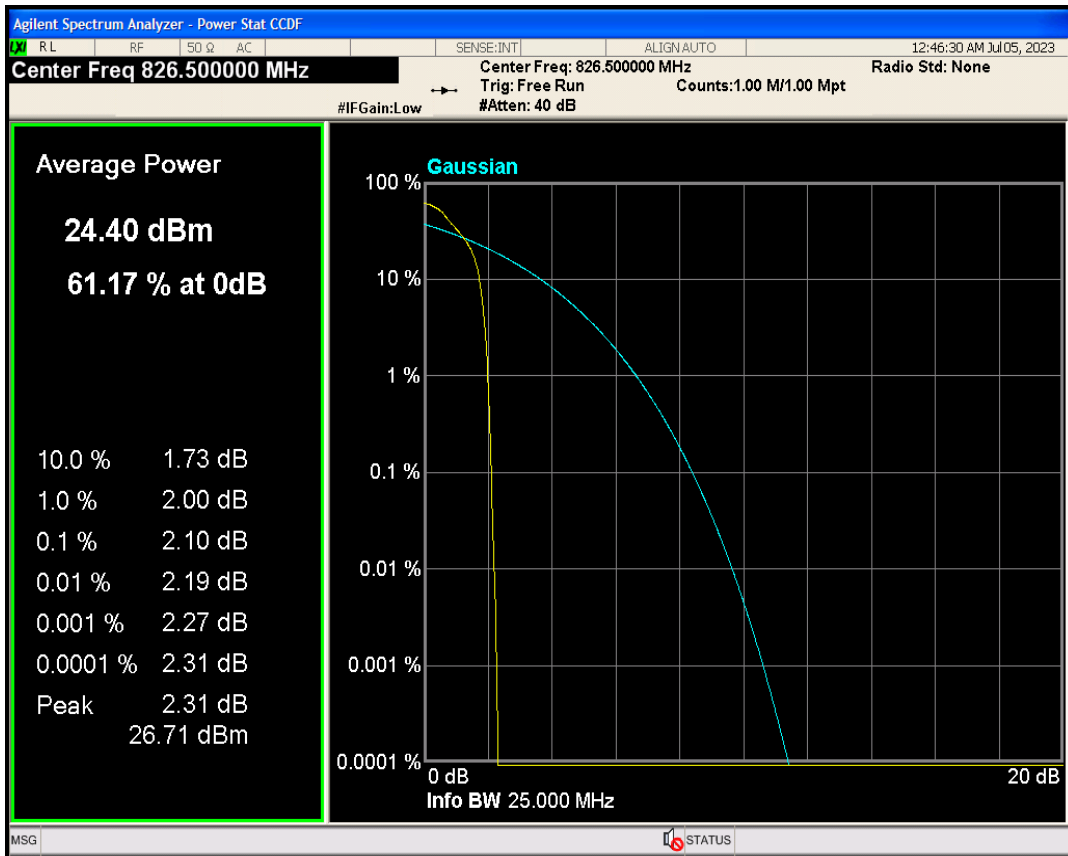
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



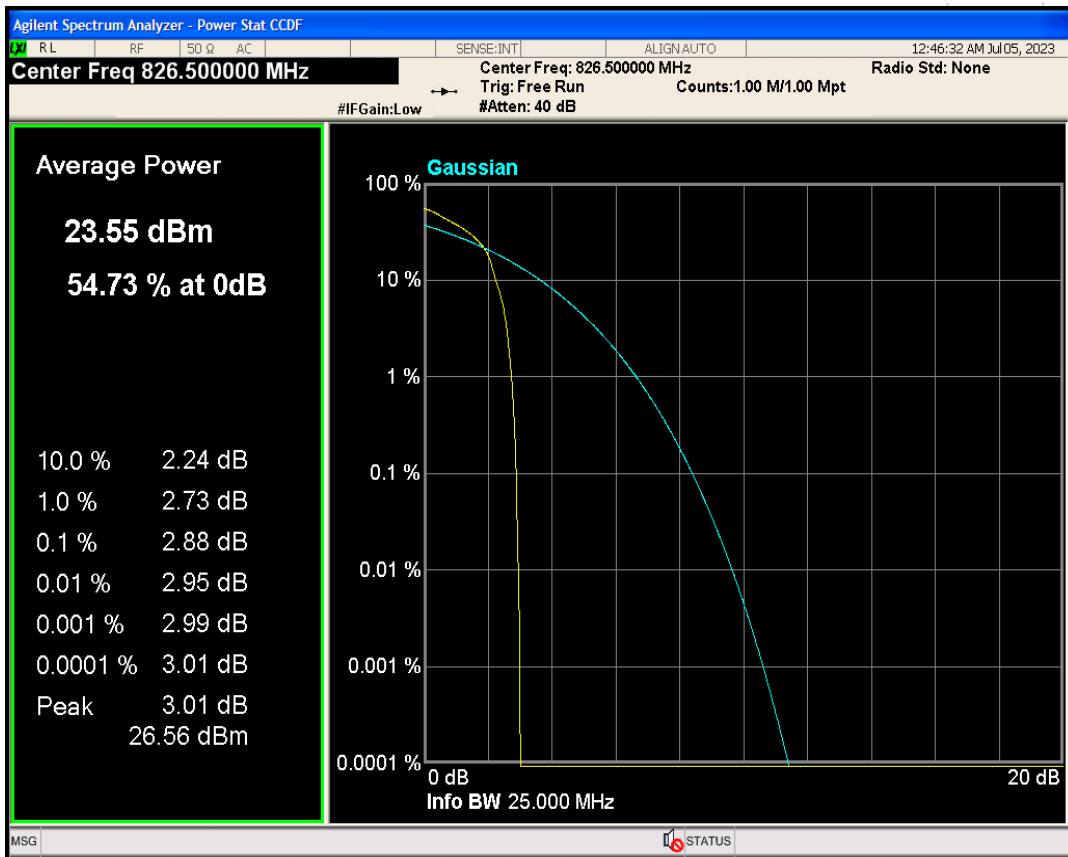
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



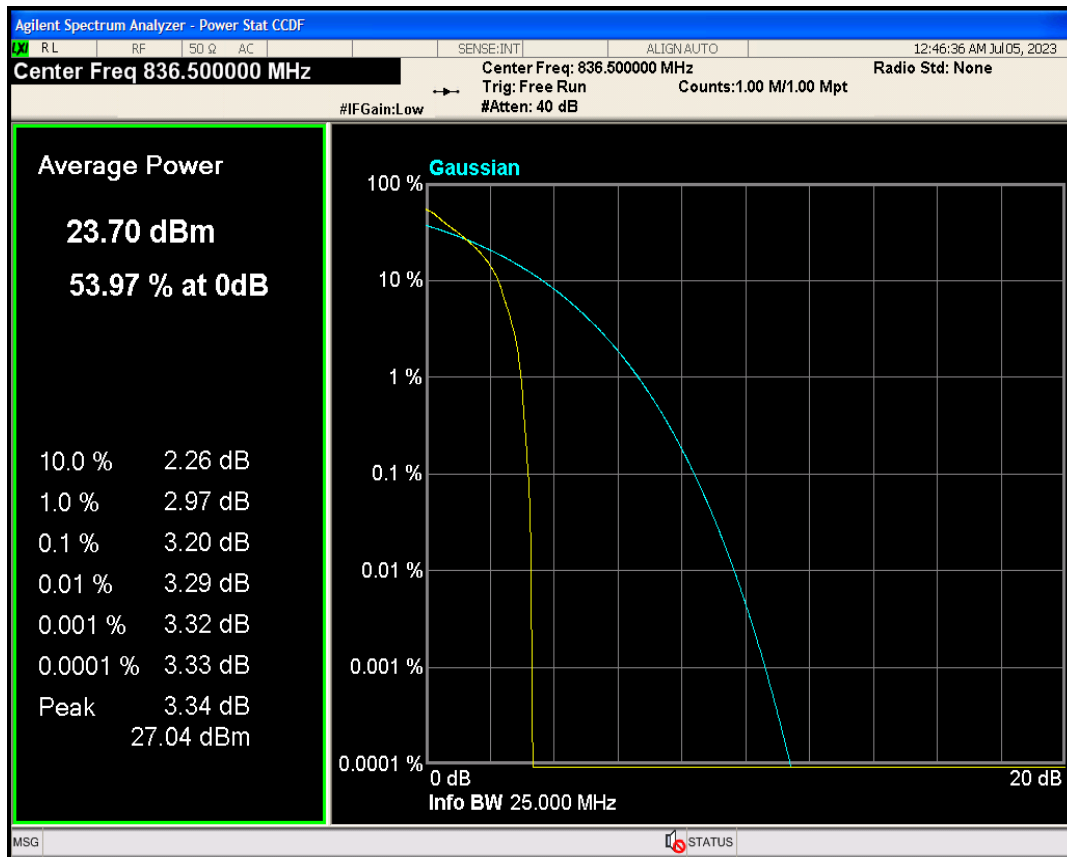
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



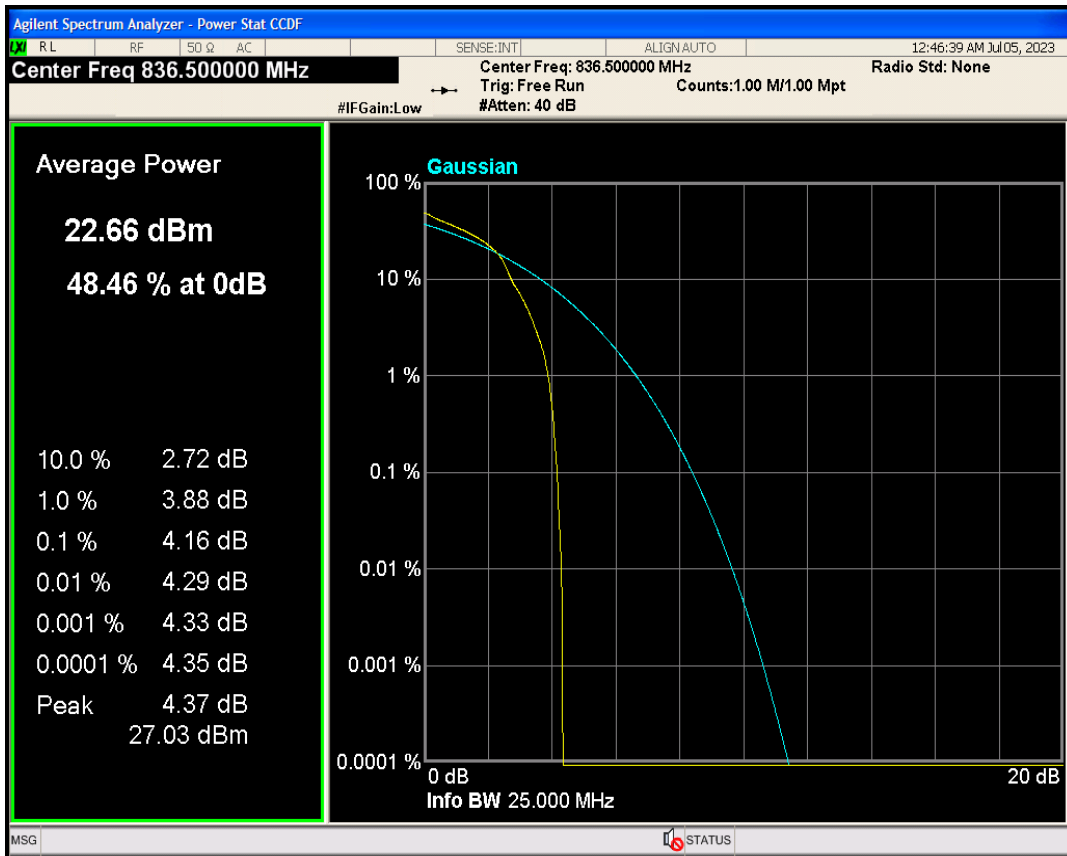
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



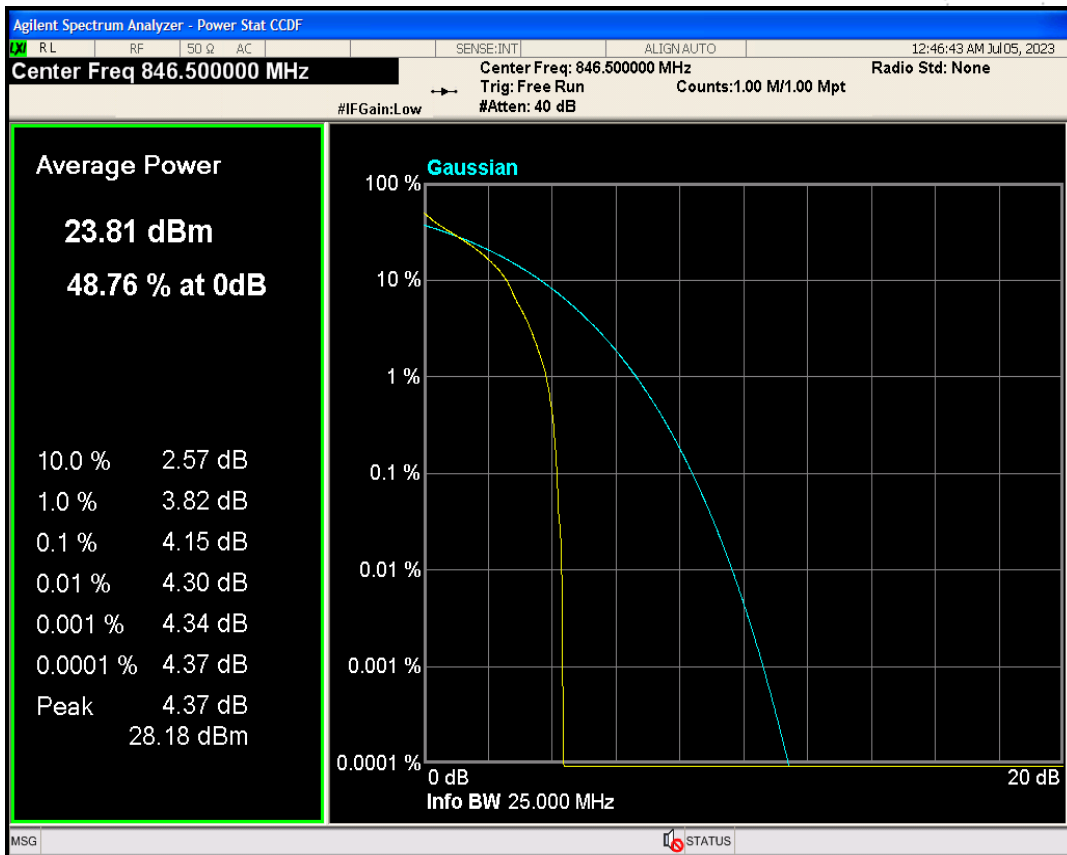
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



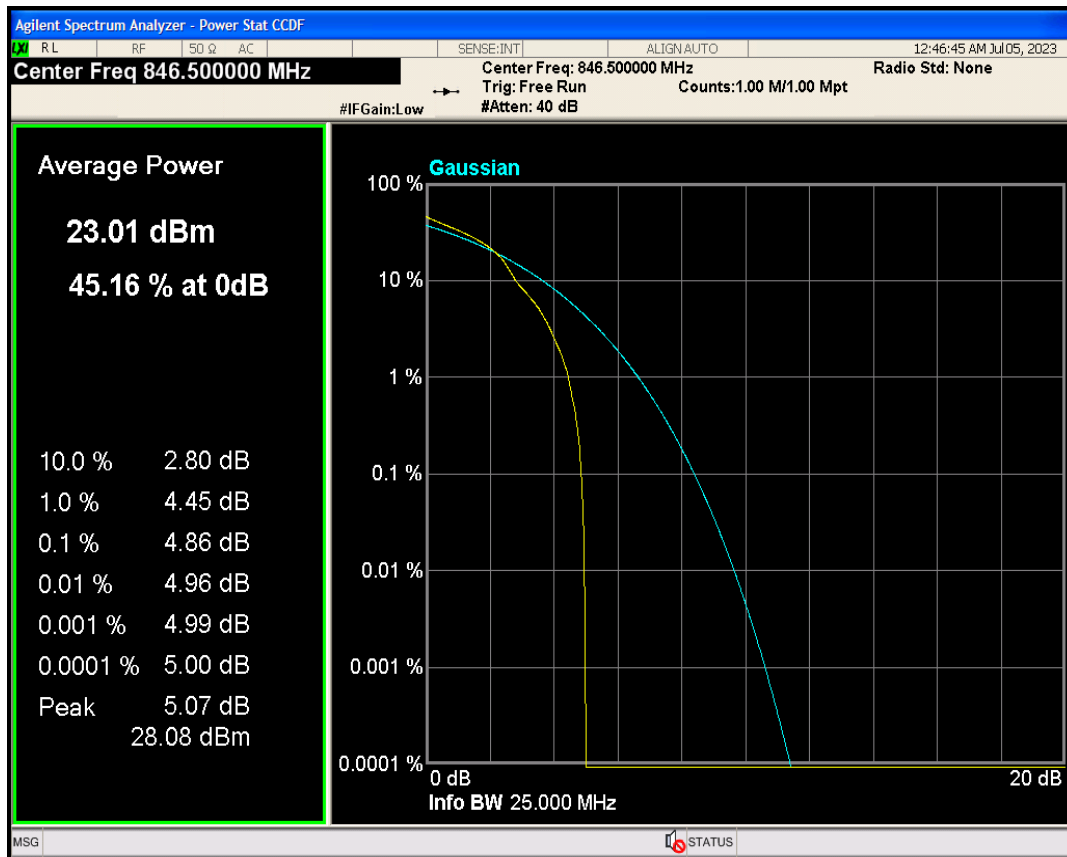
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



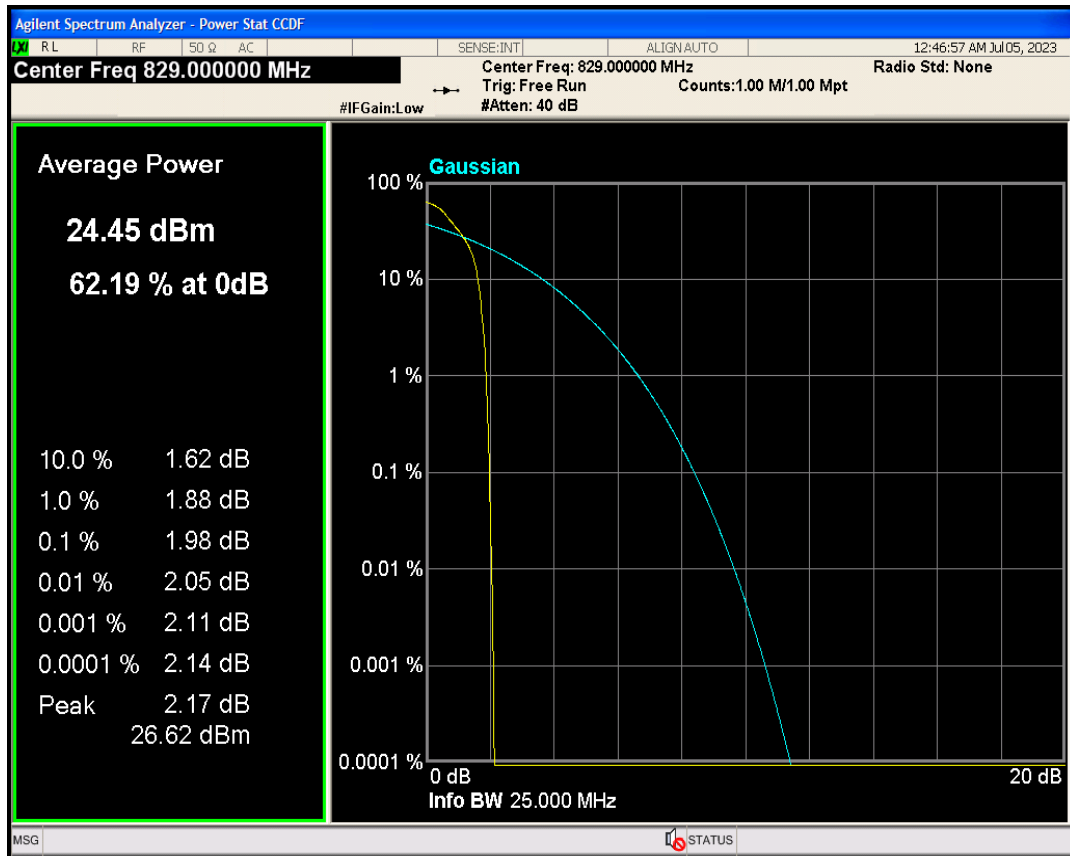
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



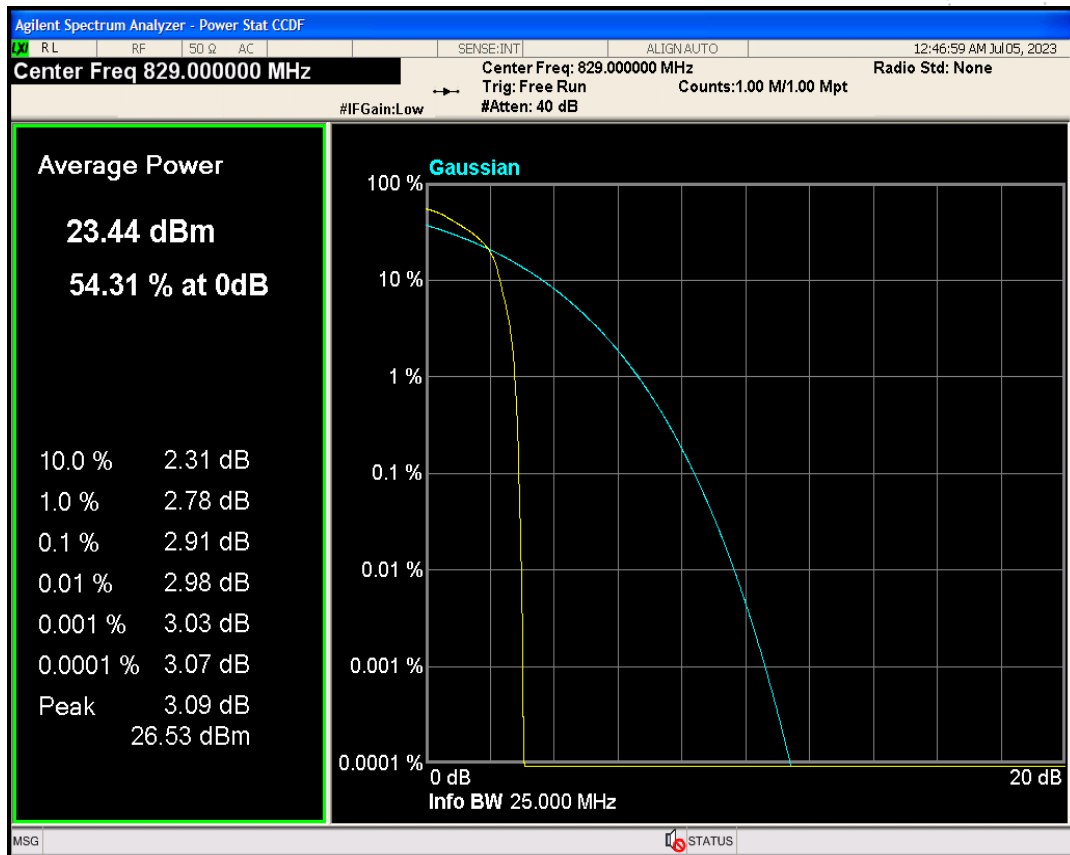
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



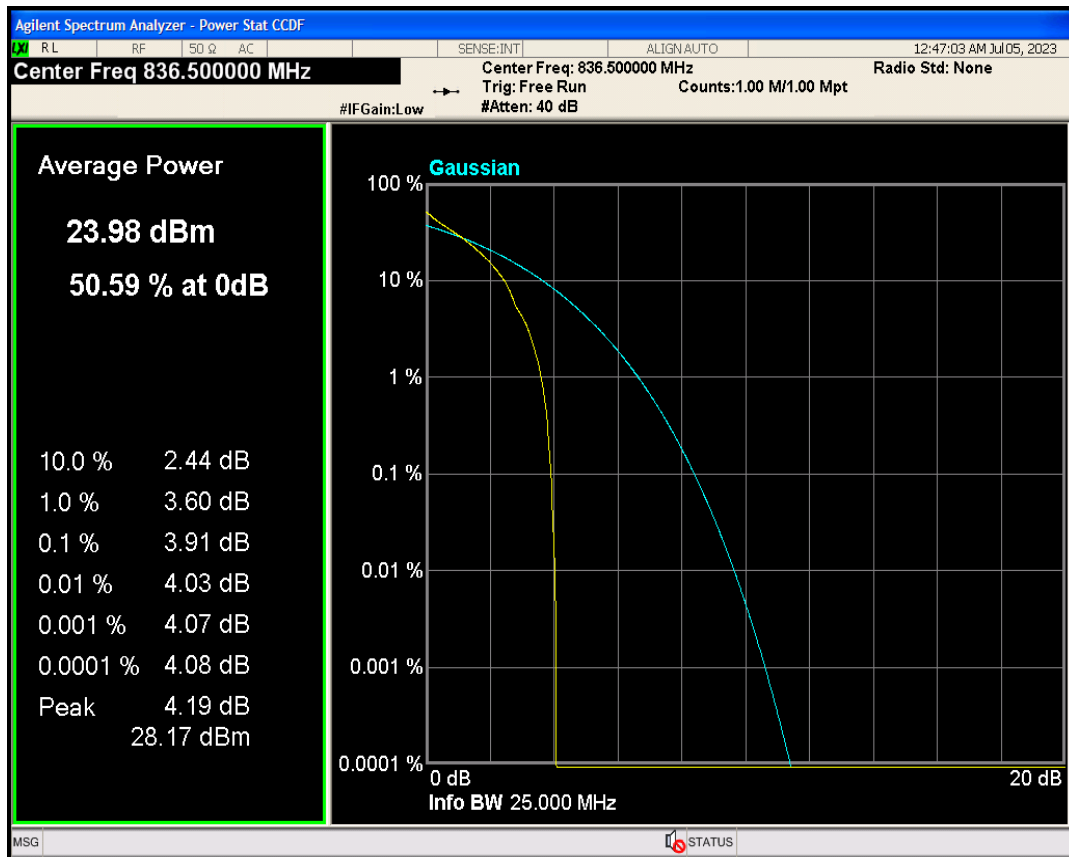
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



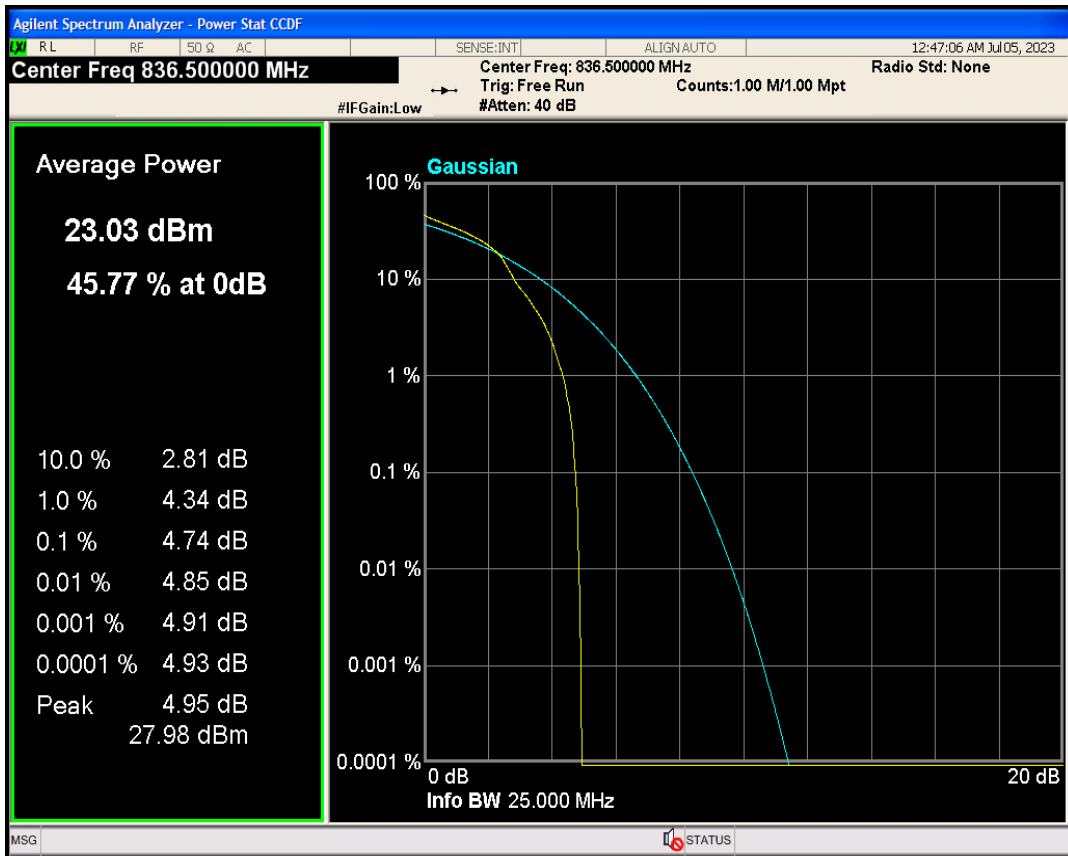
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



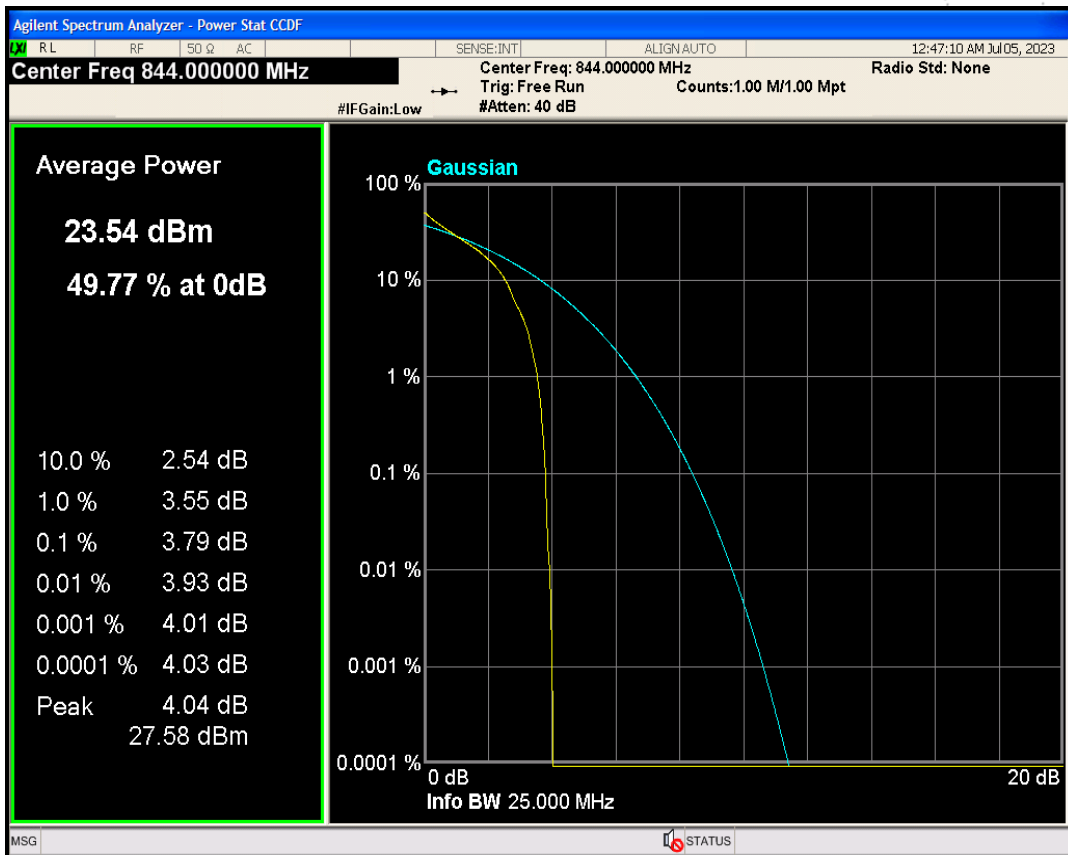
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



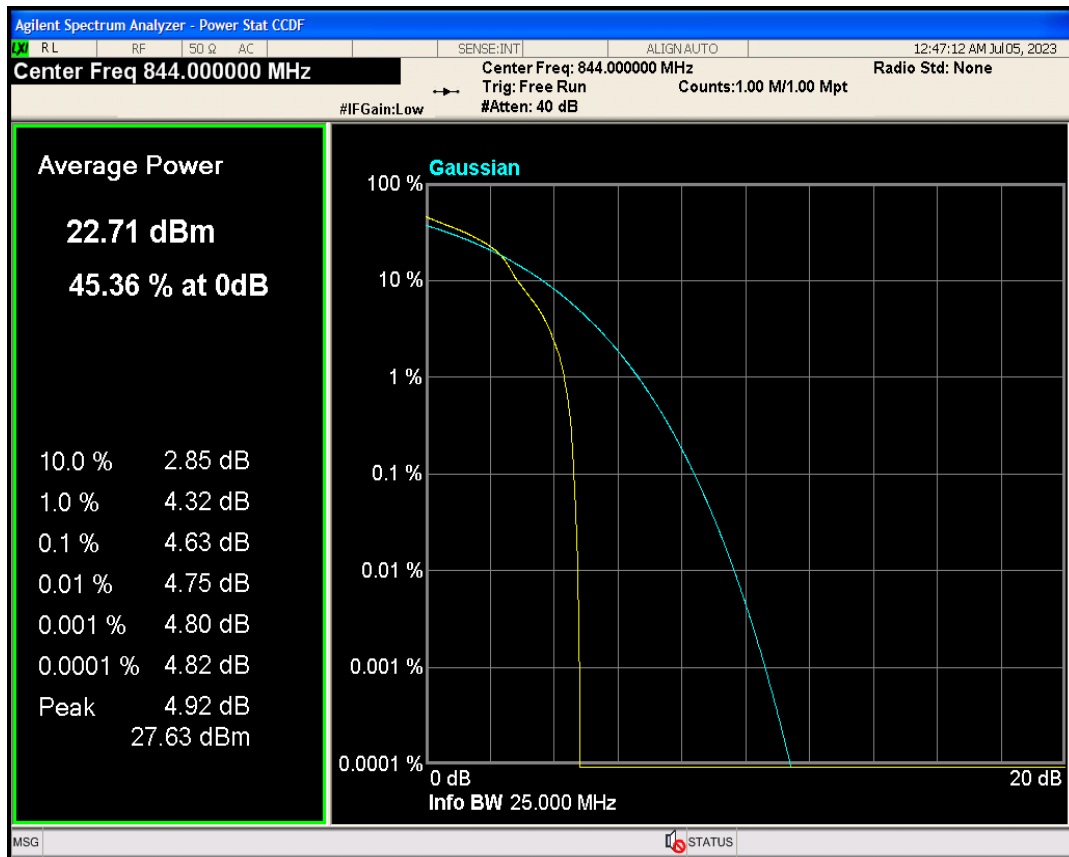
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



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



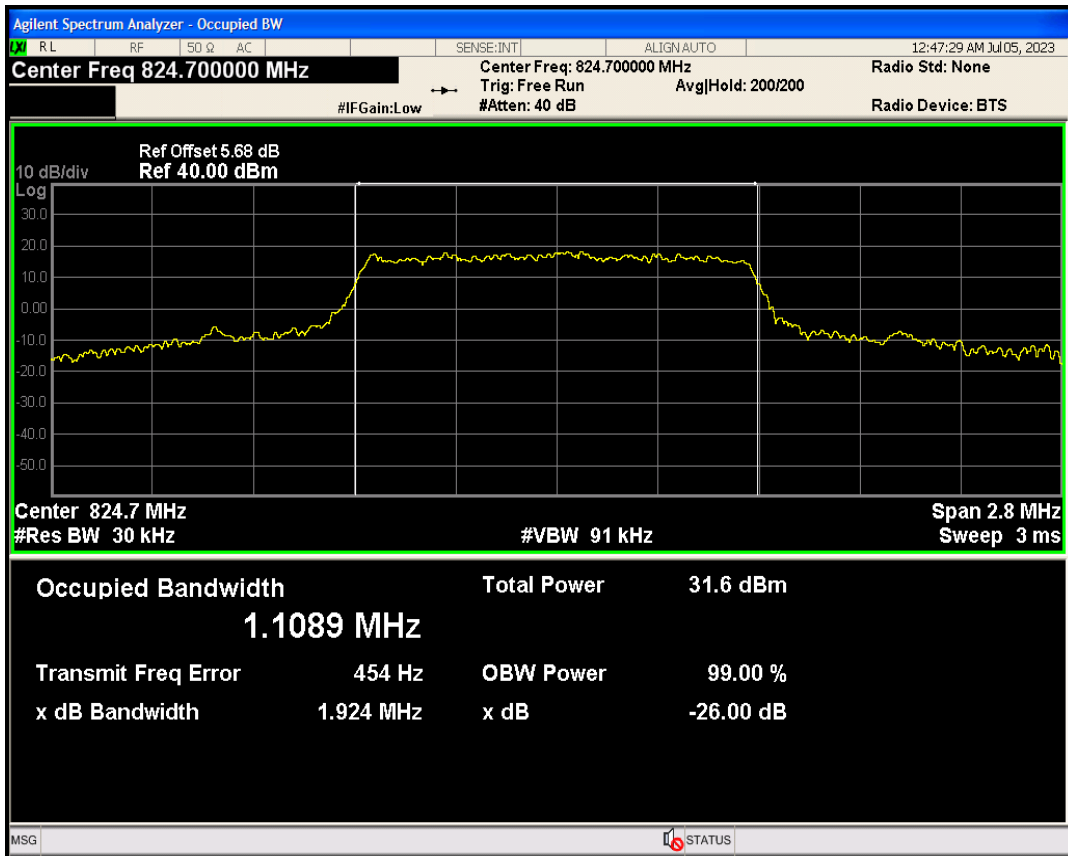
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



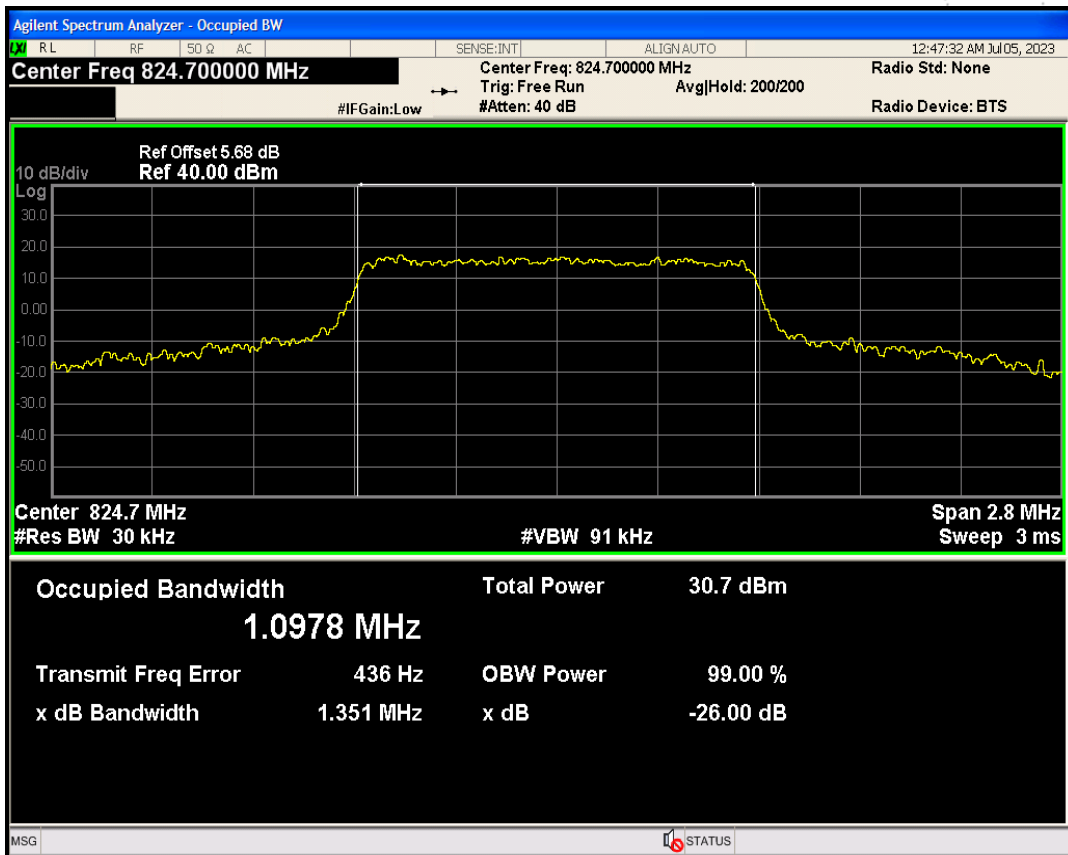
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.109	1.924	PASS
Band5	1.4	20407	6	#0	16QAM	1.098	1.351	PASS
Band5	1.4	20525	6	#0	QPSK	1.108	1.293	PASS
Band5	1.4	20525	6	#0	16QAM	1.098	1.290	PASS
Band5	1.4	20643	6	#0	QPSK	1.088	1.282	PASS
Band5	1.4	20643	6	#0	16QAM	1.097	1.315	PASS
Band5	3	20415	15	#0	QPSK	2.708	2.964	PASS
Band5	3	20415	15	#0	16QAM	2.705	2.923	PASS
Band5	3	20525	15	#0	QPSK	2.694	2.935	PASS
Band5	3	20525	15	#0	16QAM	2.692	2.920	PASS
Band5	3	20635	15	#0	QPSK	2.695	2.929	PASS
Band5	3	20635	15	#0	16QAM	2.687	2.892	PASS
Band5	5	20425	25	#0	QPSK	4.546	5.232	PASS
Band5	5	20425	25	#0	16QAM	4.536	5.089	PASS
Band5	5	20525	25	#0	QPSK	4.540	5.182	PASS
Band5	5	20525	25	#0	16QAM	4.552	5.126	PASS
Band5	5	20625	25	#0	QPSK	4.530	5.180	PASS
Band5	5	20625	25	#0	16QAM	4.546	5.304	PASS
Band5	10	20450	50	#0	QPSK	8.987	10.032	PASS
Band5	10	20450	50	#0	16QAM	8.981	9.967	PASS
Band5	10	20525	50	#0	QPSK	9.051	10.084	PASS
Band5	10	20525	50	#0	16QAM	9.032	10.081	PASS
Band5	10	20600	50	#0	QPSK	8.977	9.897	PASS
Band5	10	20600	50	#0	16QAM	8.988	9.877	PASS

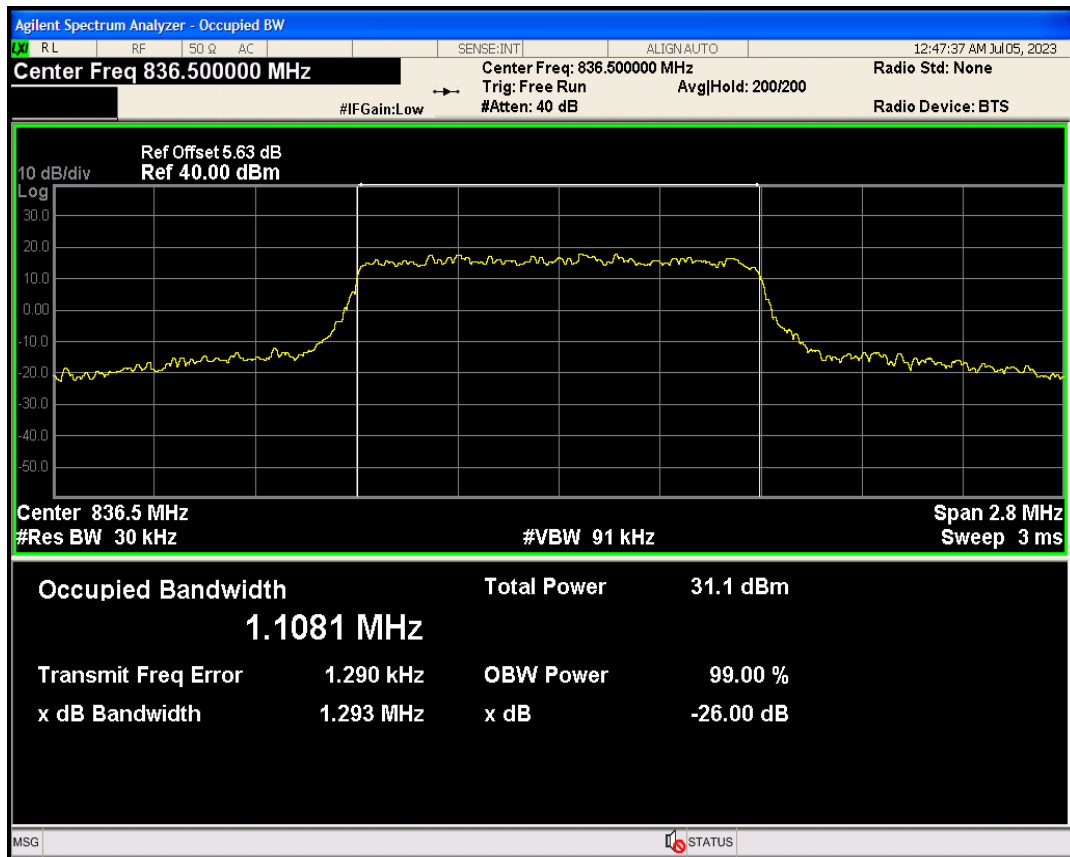
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



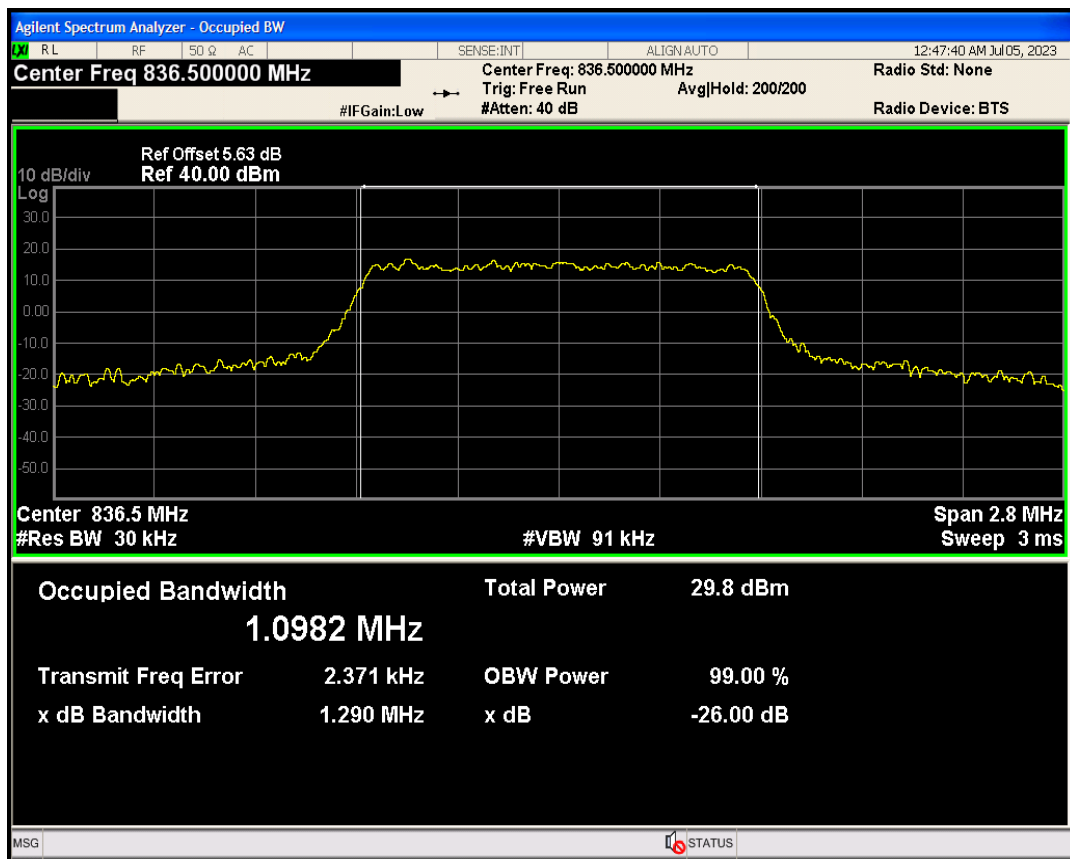
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



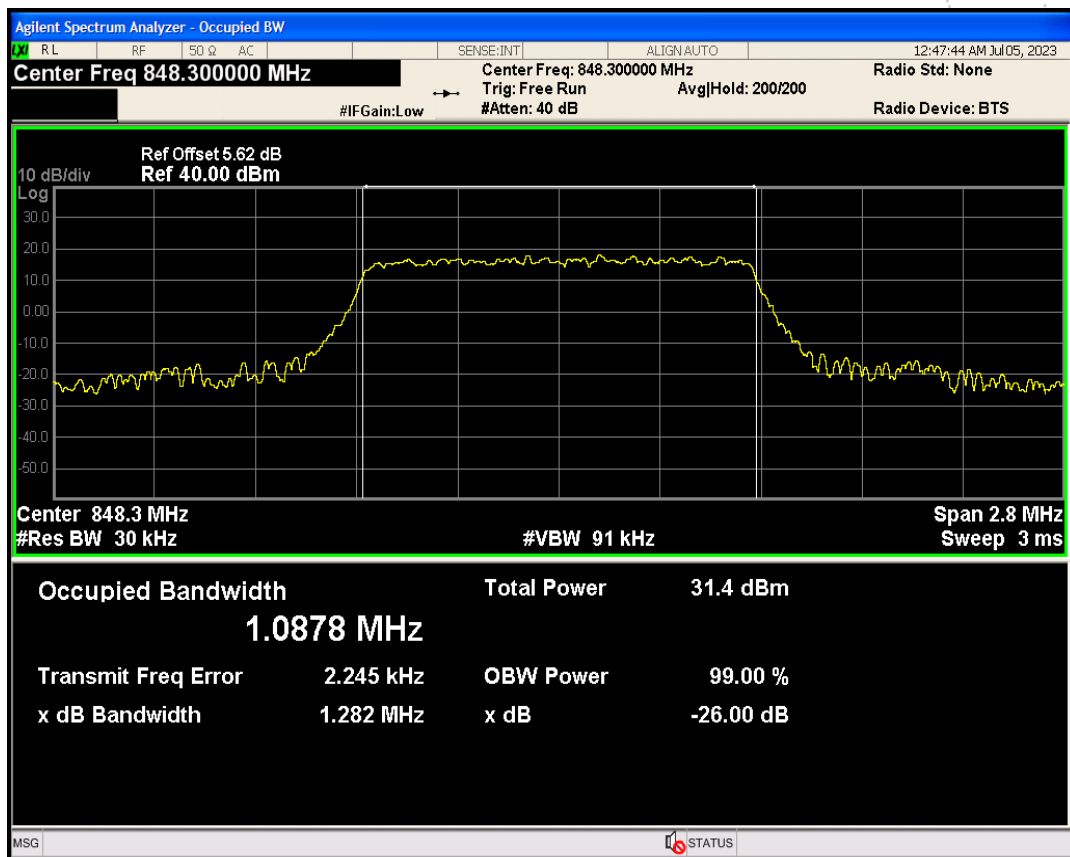
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



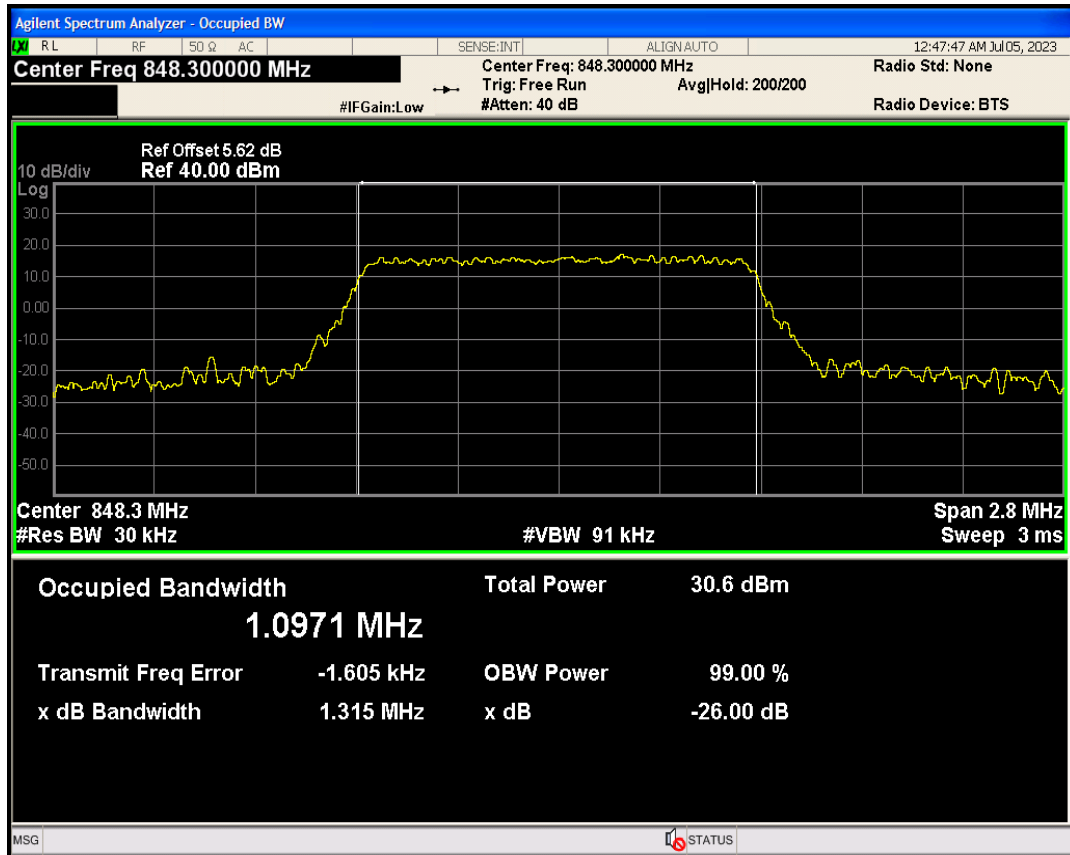
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



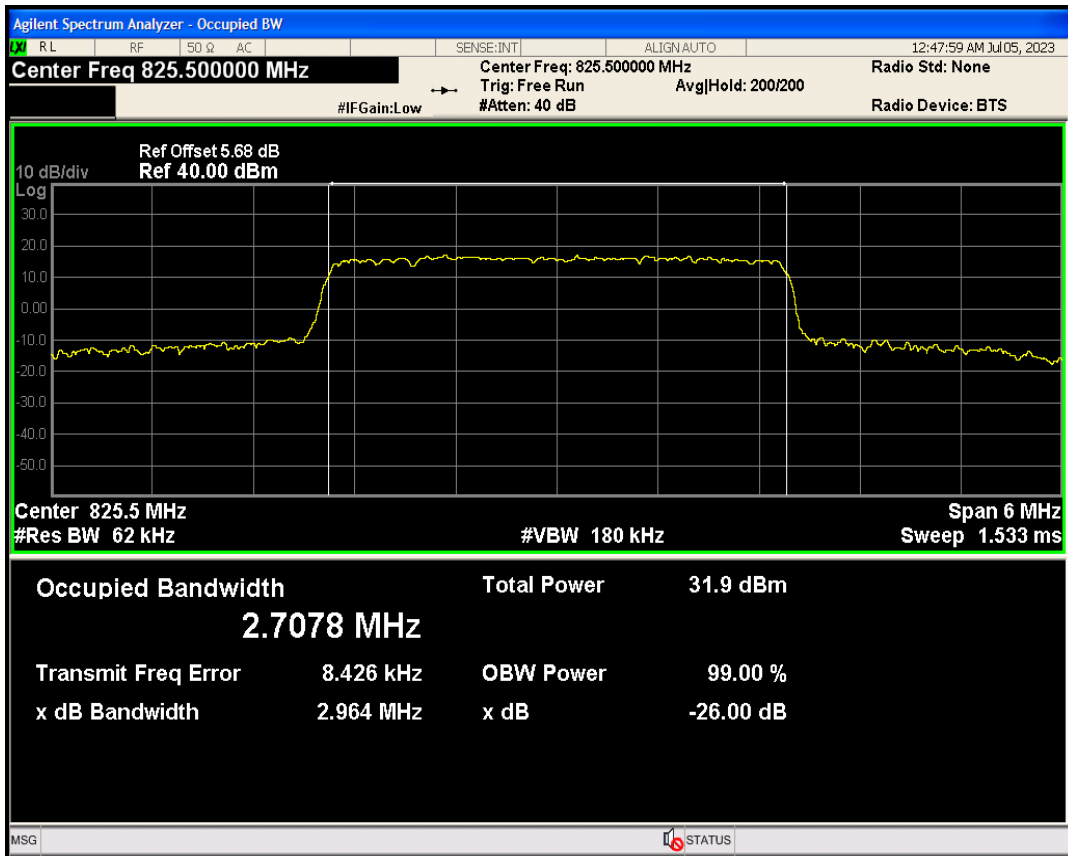
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



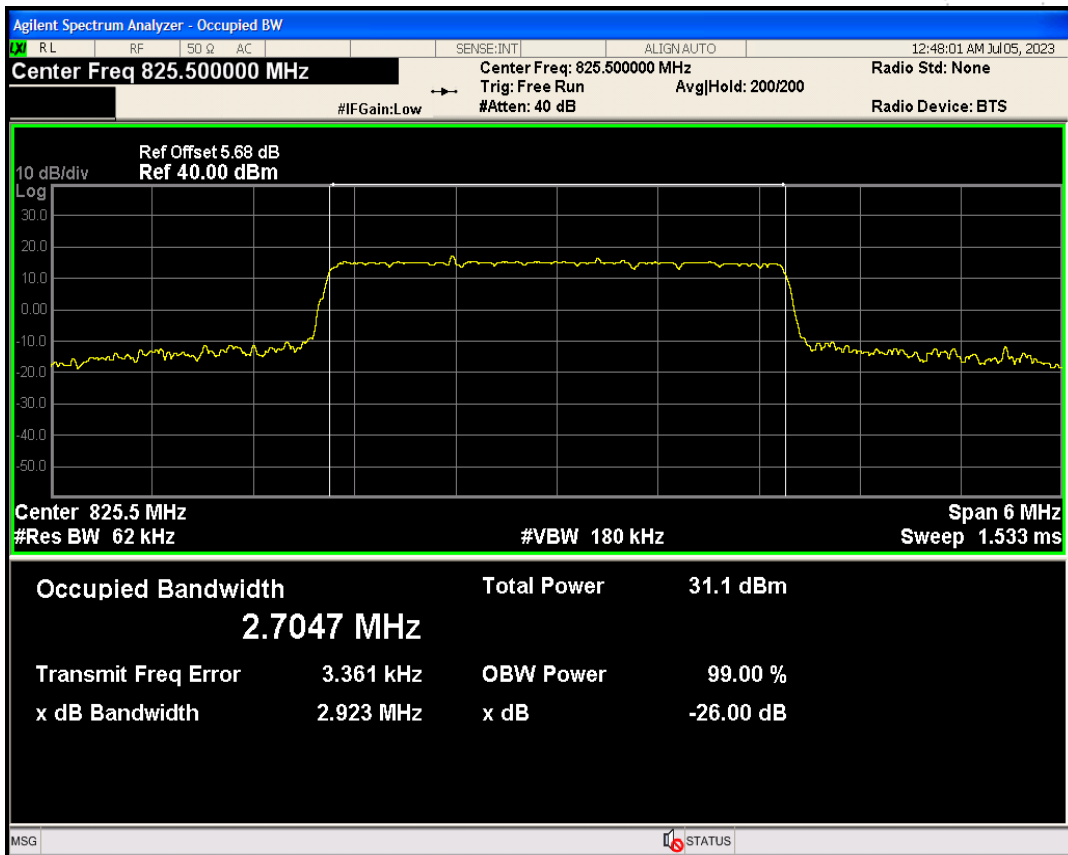
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



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

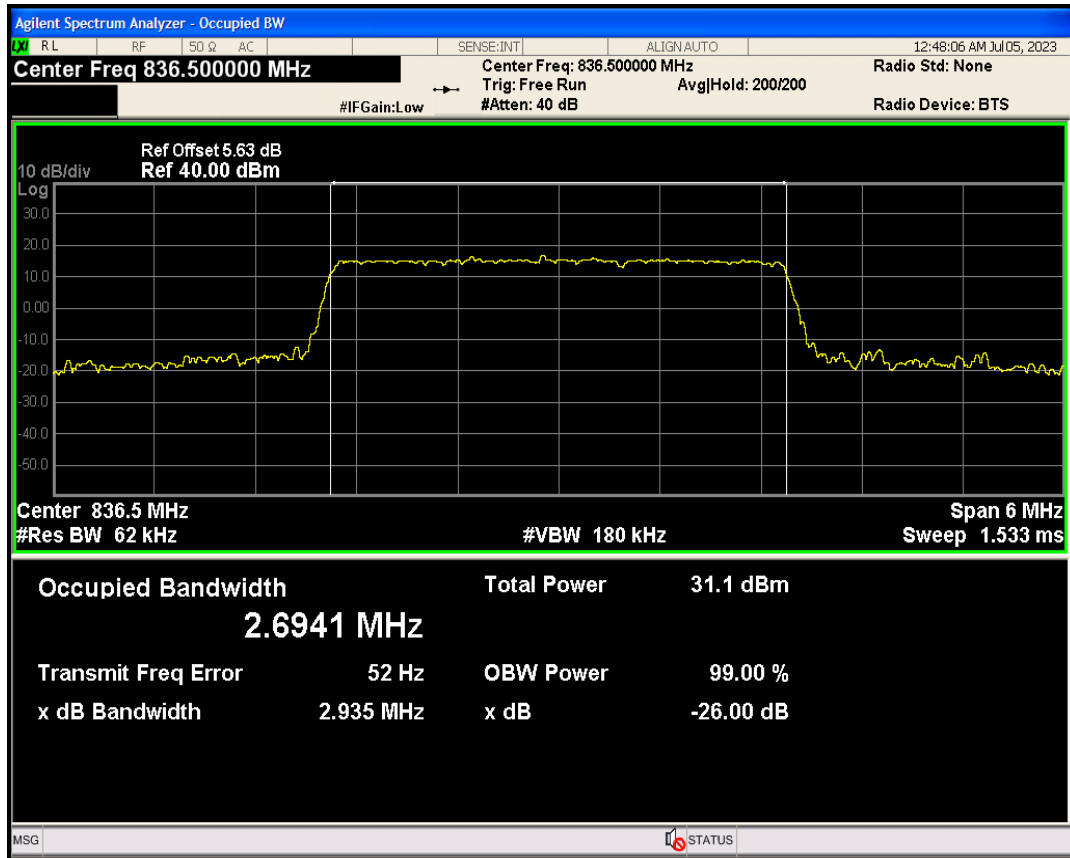


Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0

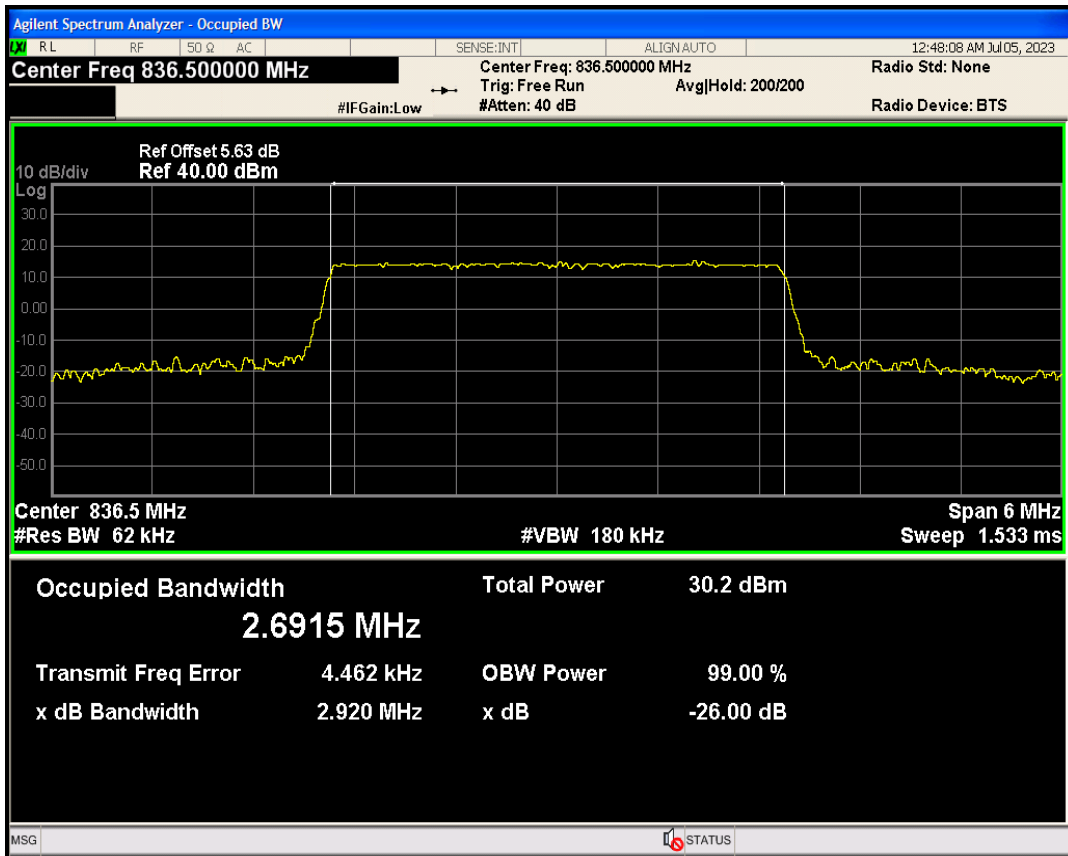




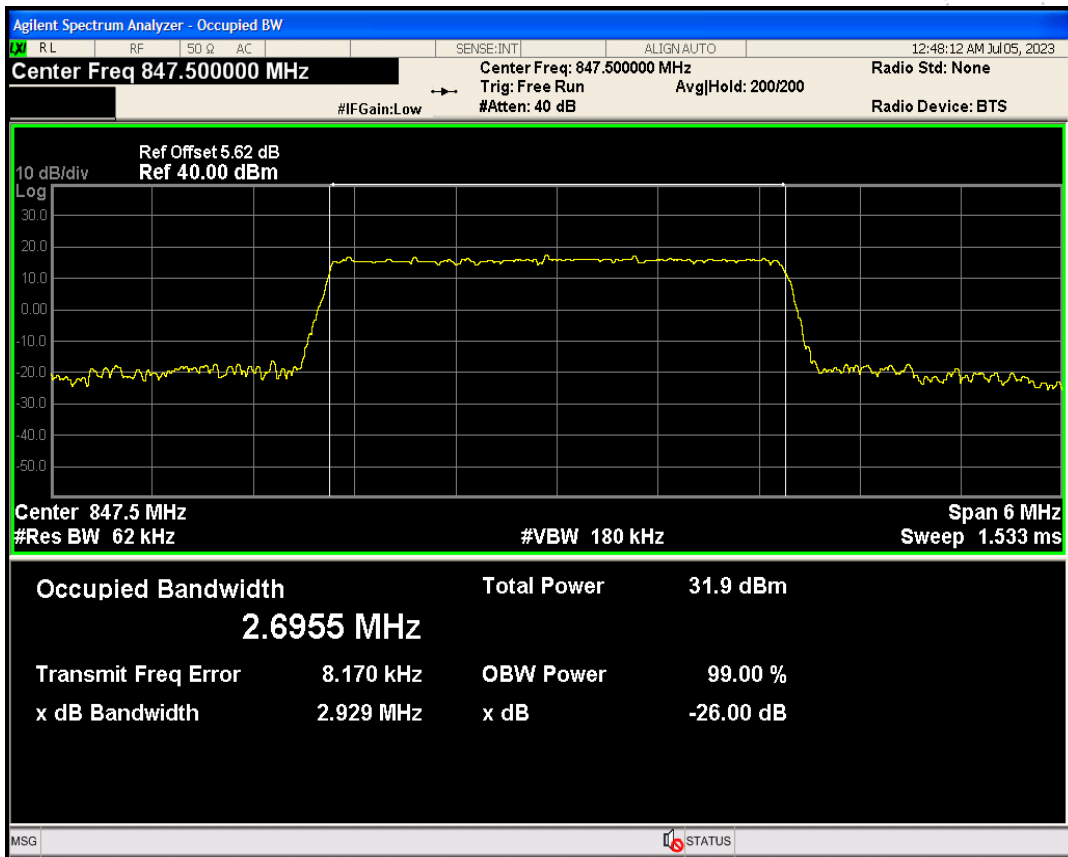
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



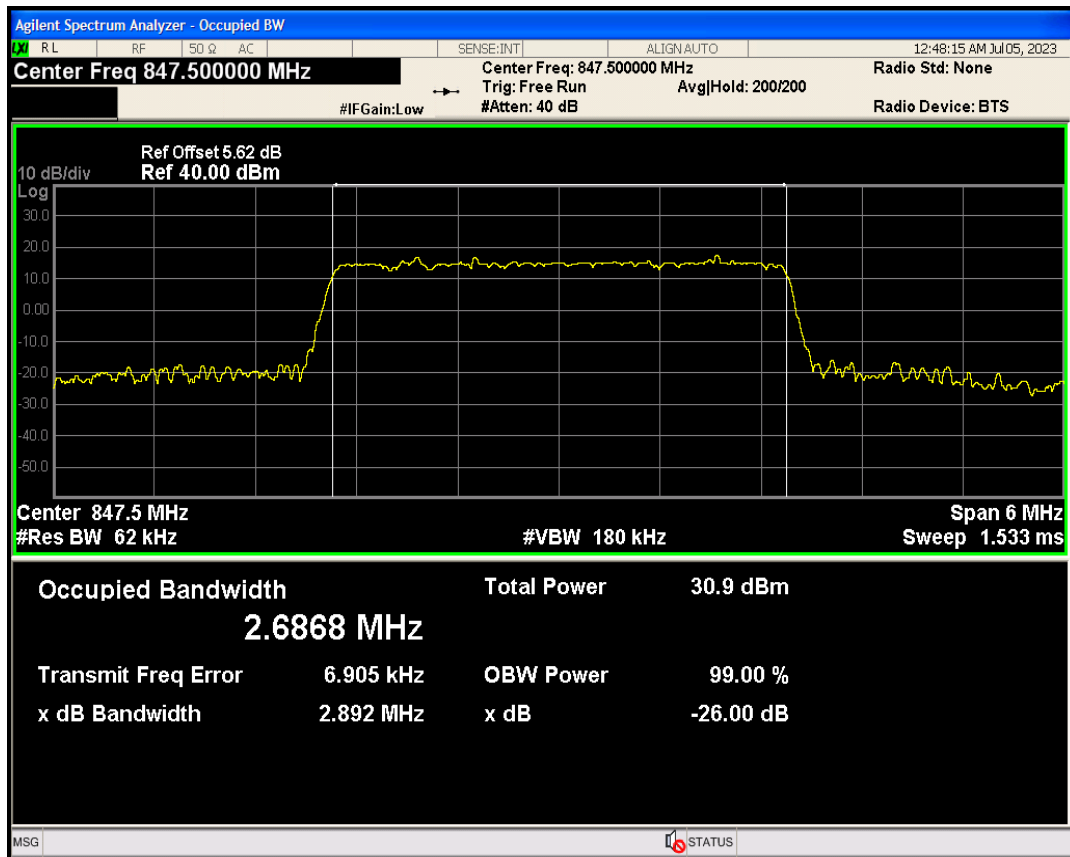
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



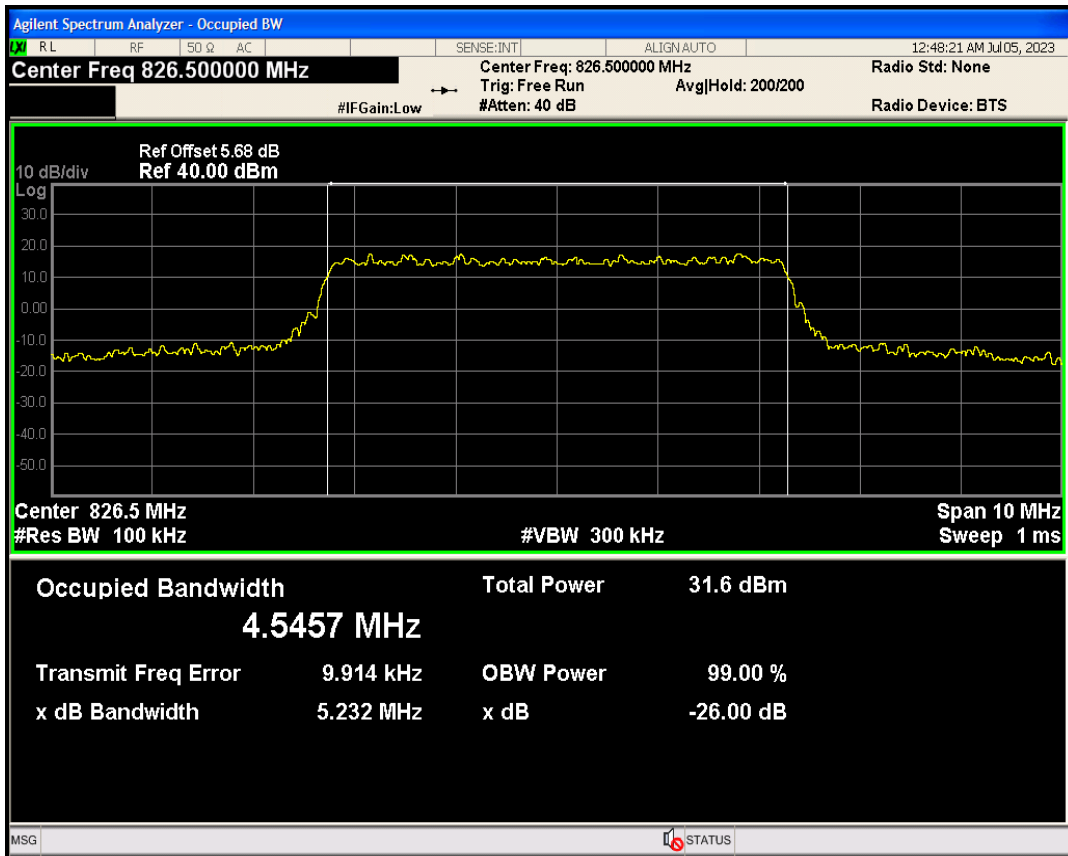
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



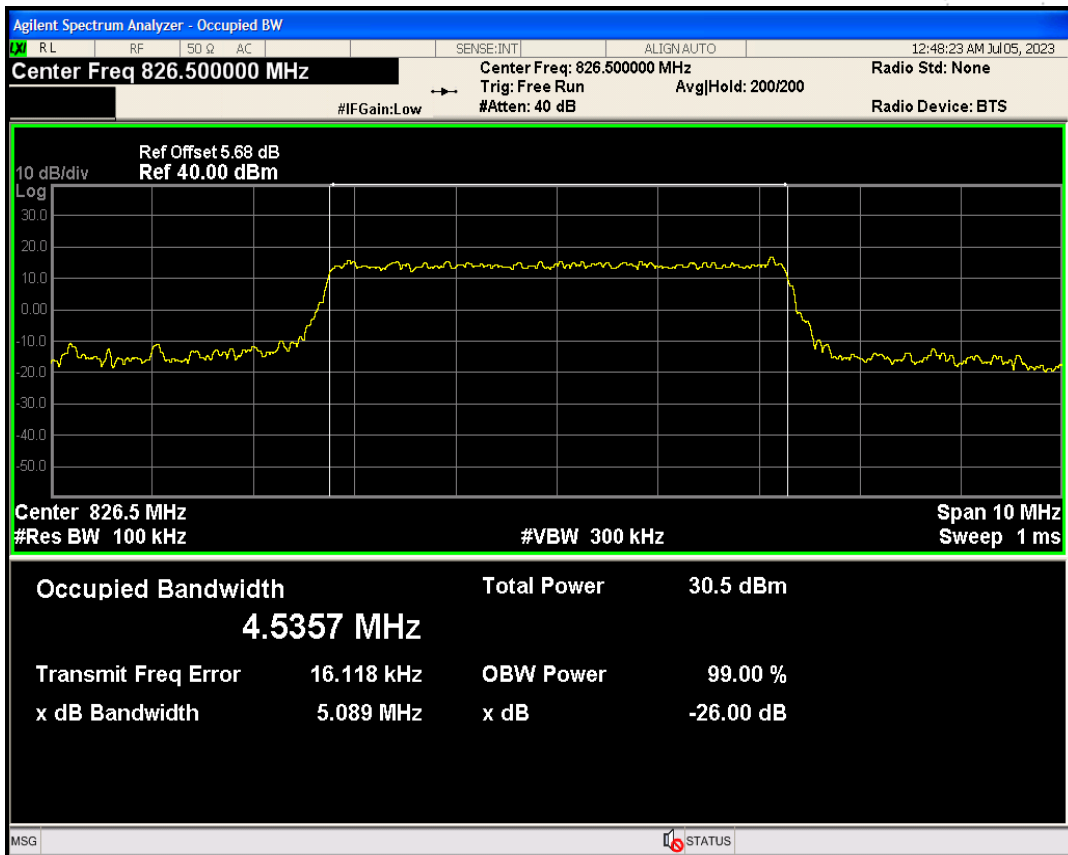
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



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

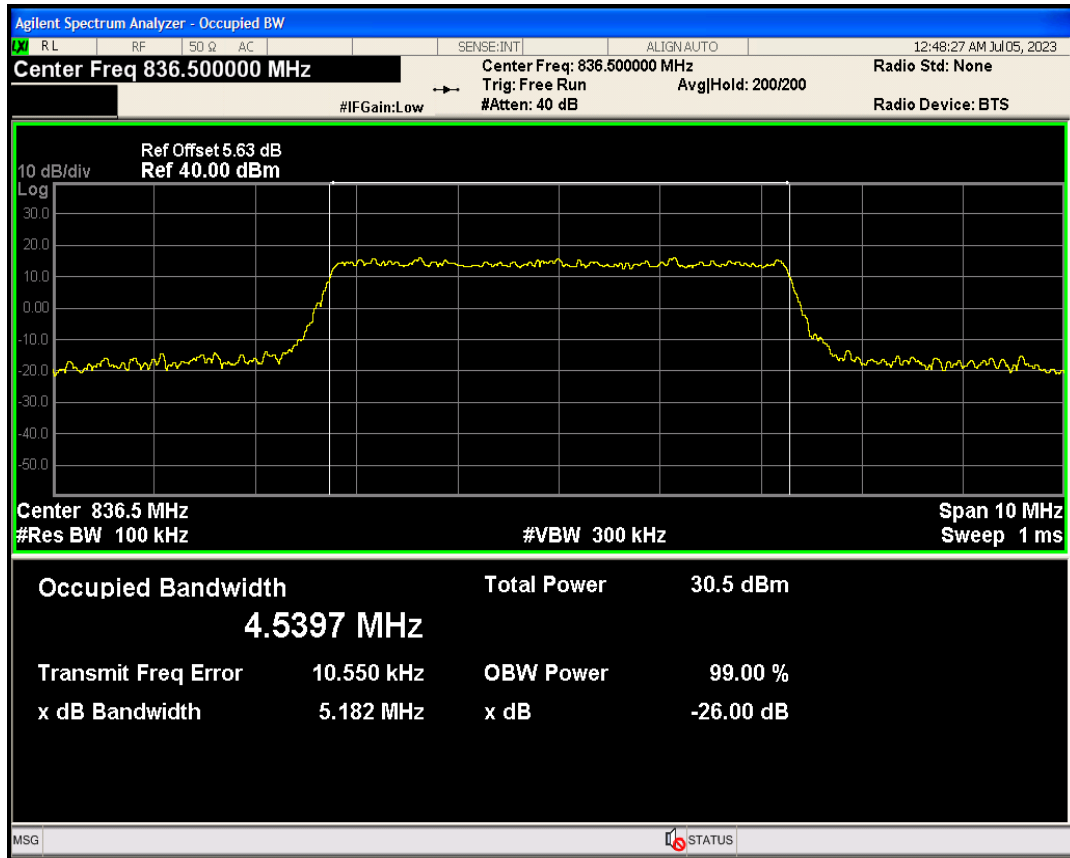


Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0

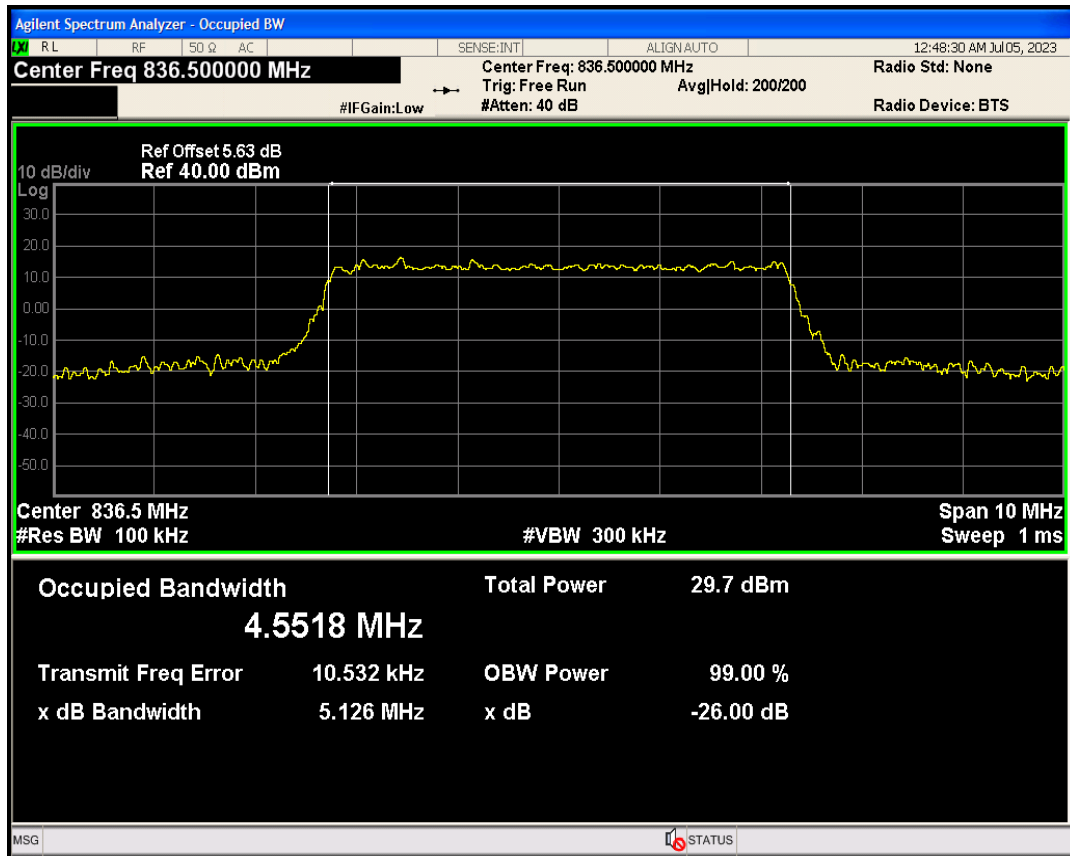




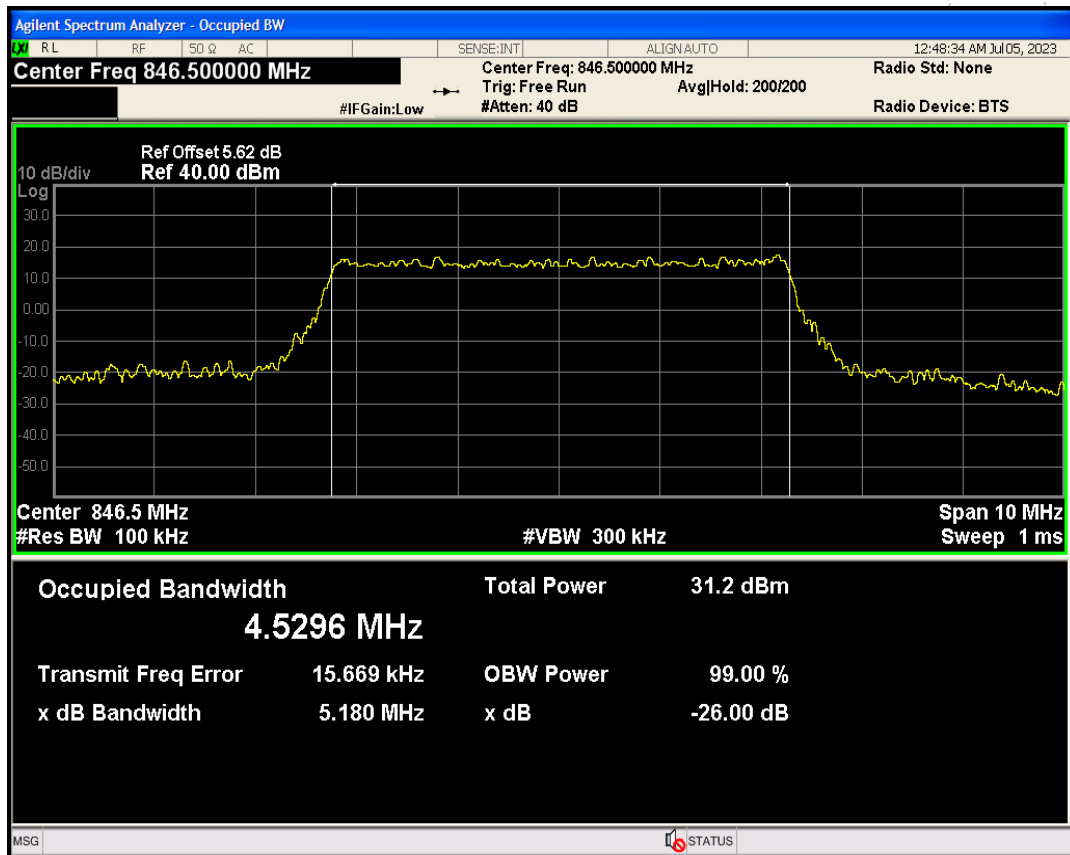
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



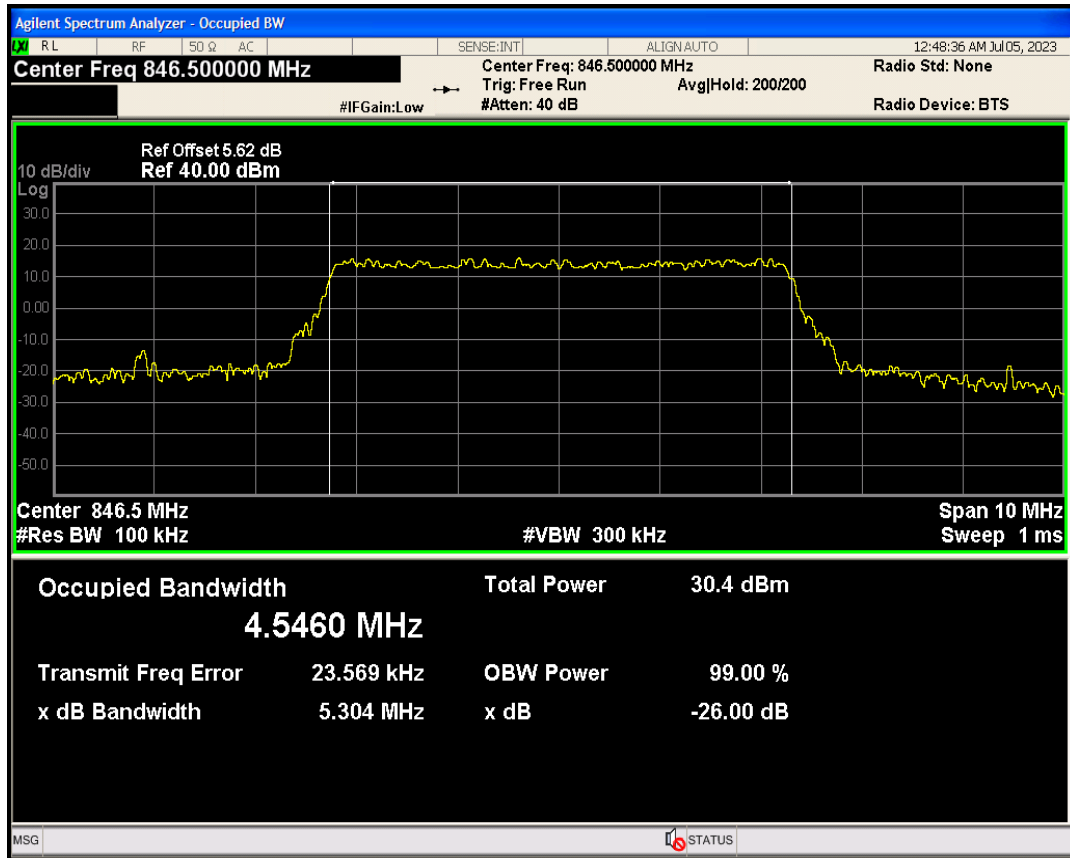
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



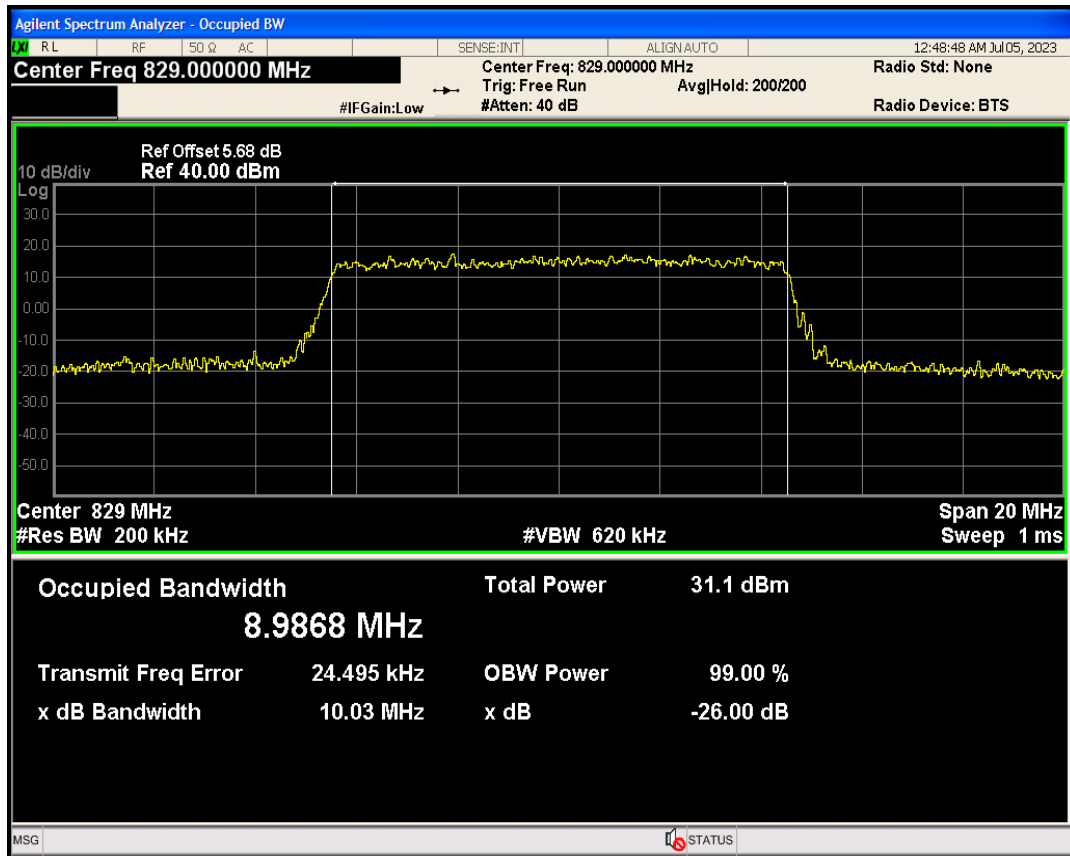
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



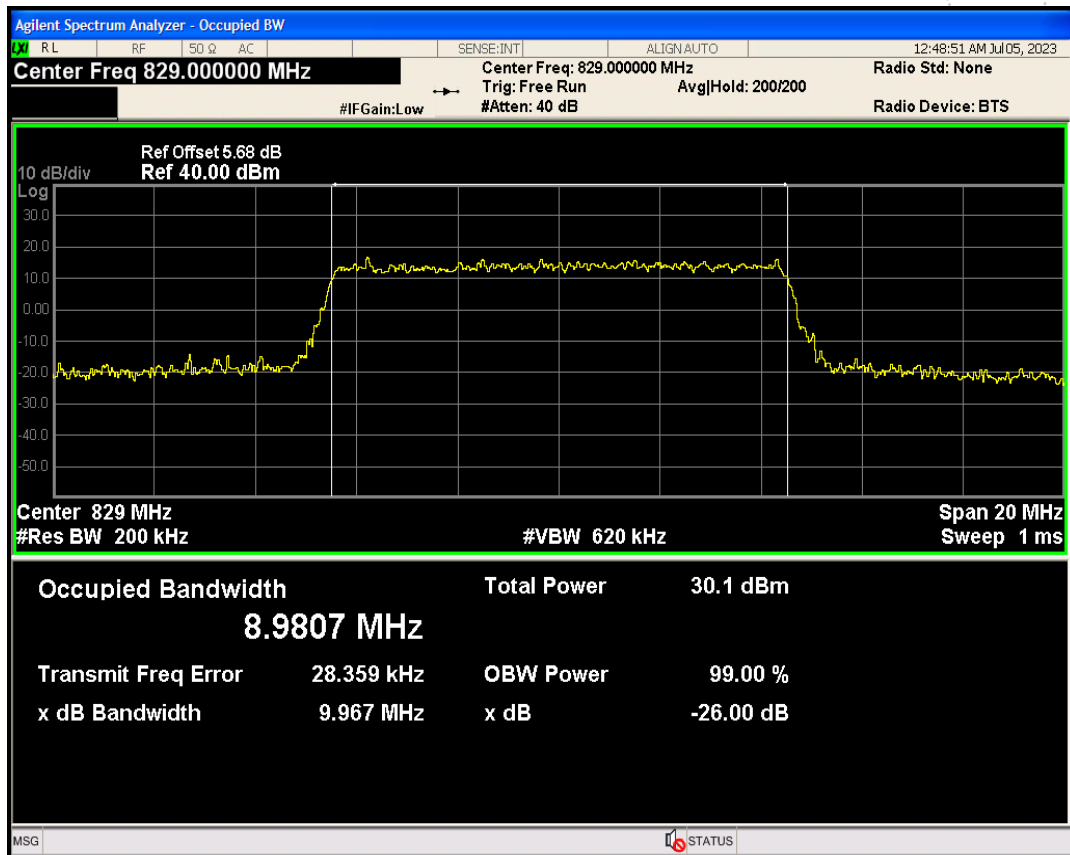
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



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

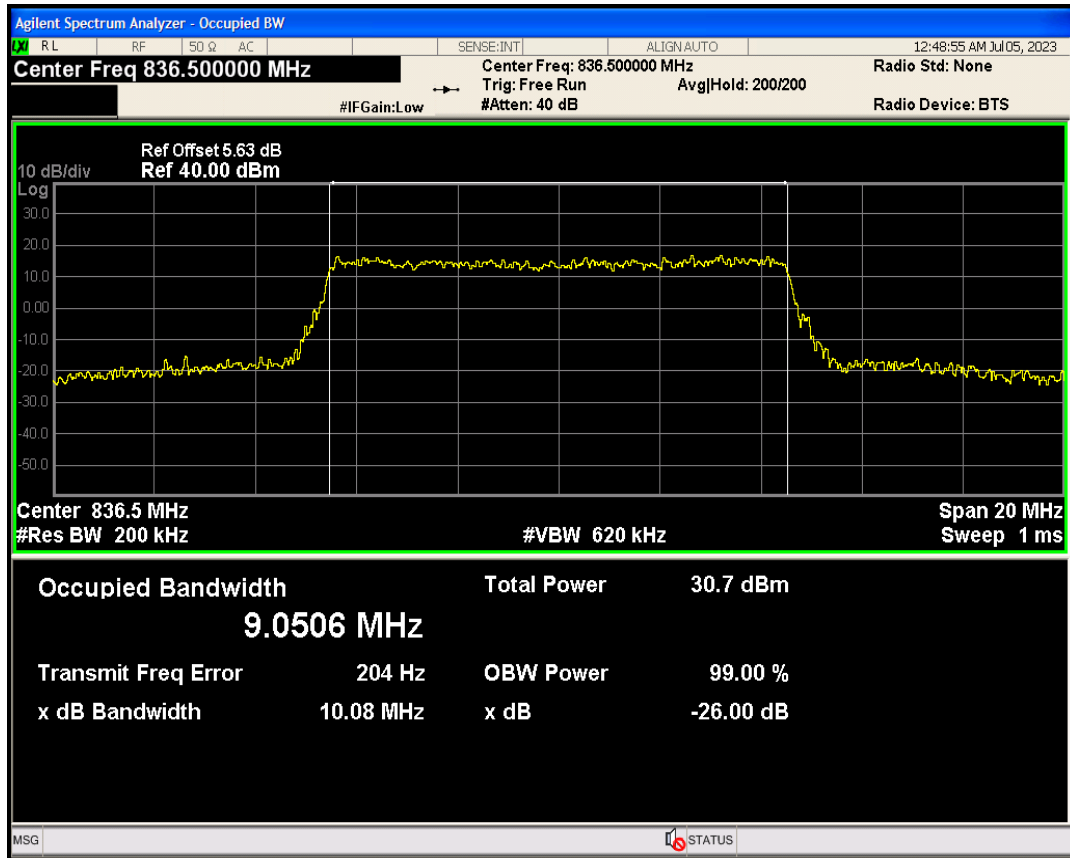


Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0

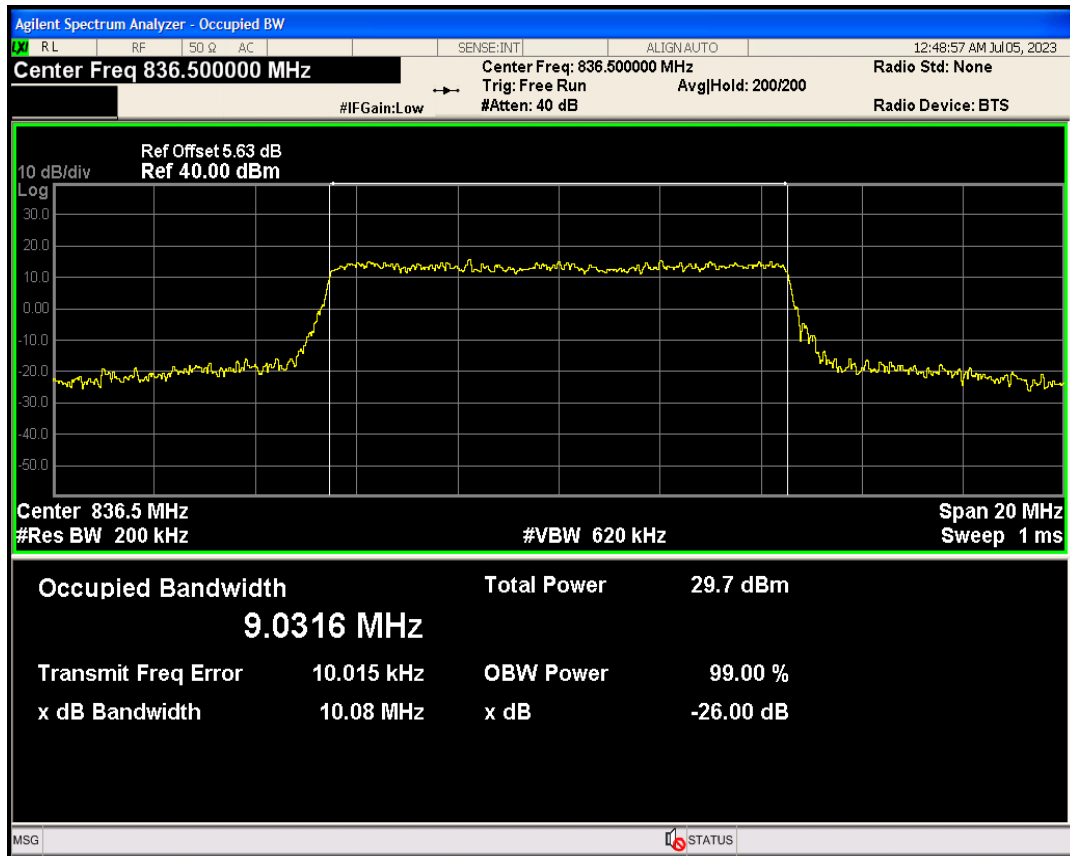




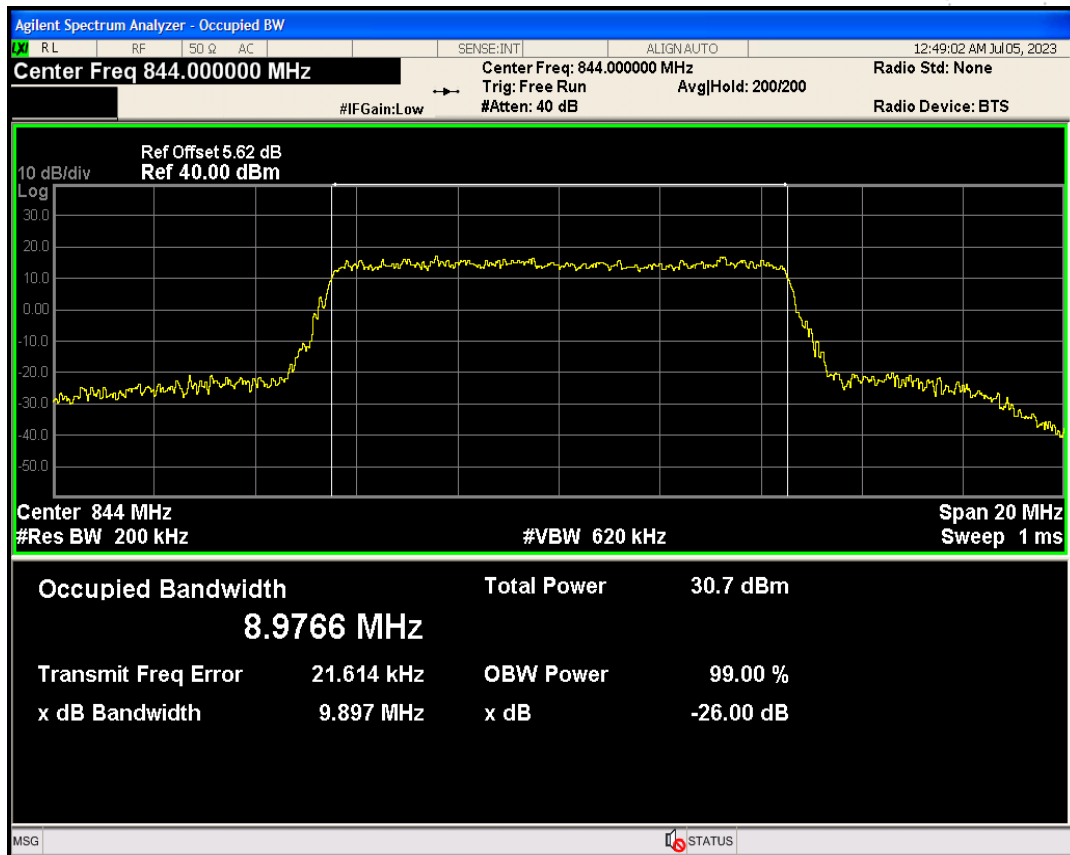
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



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

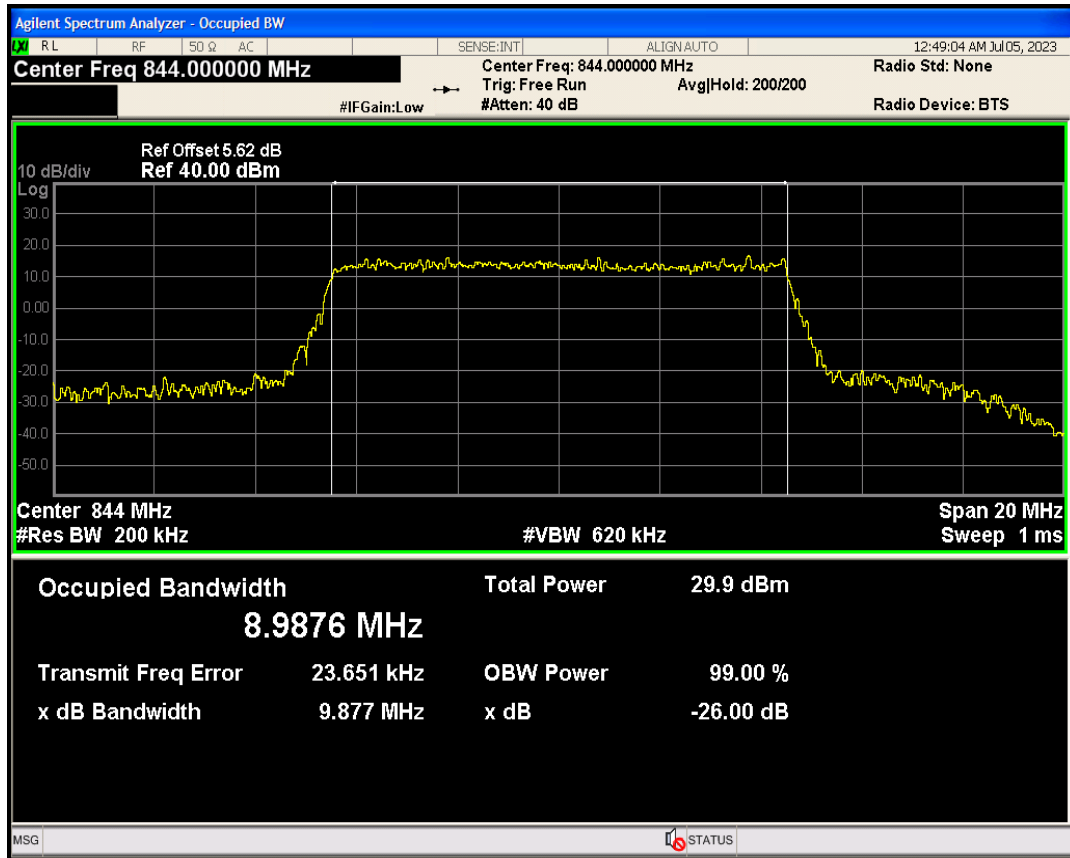


Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0





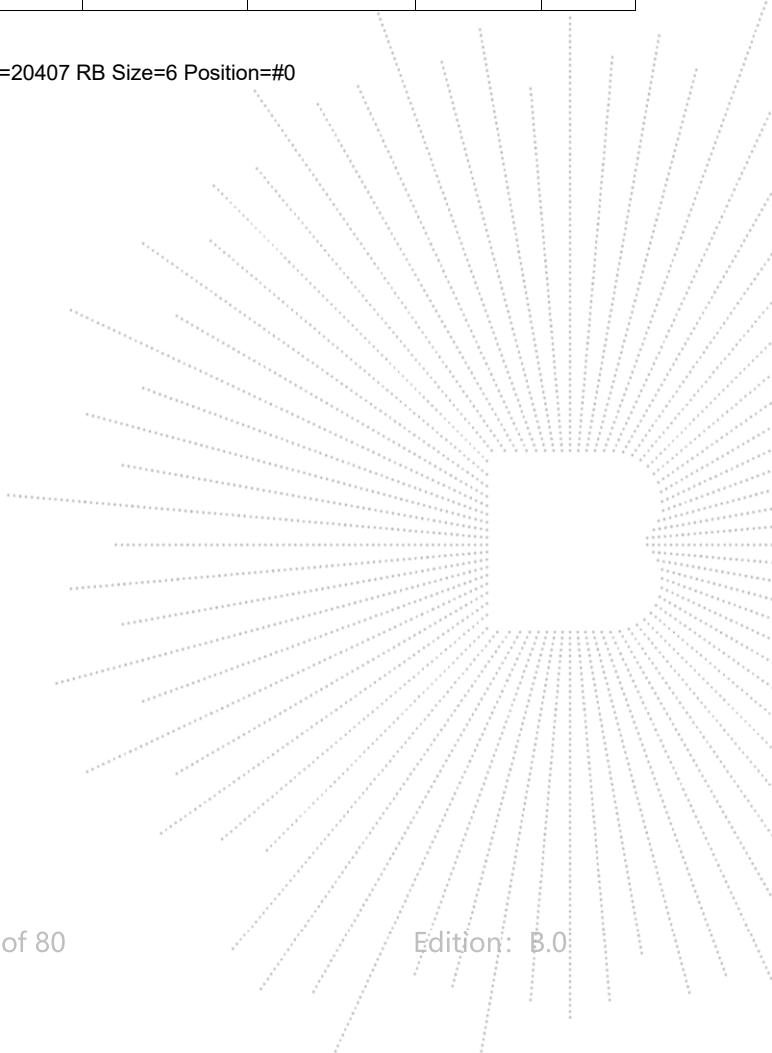
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0

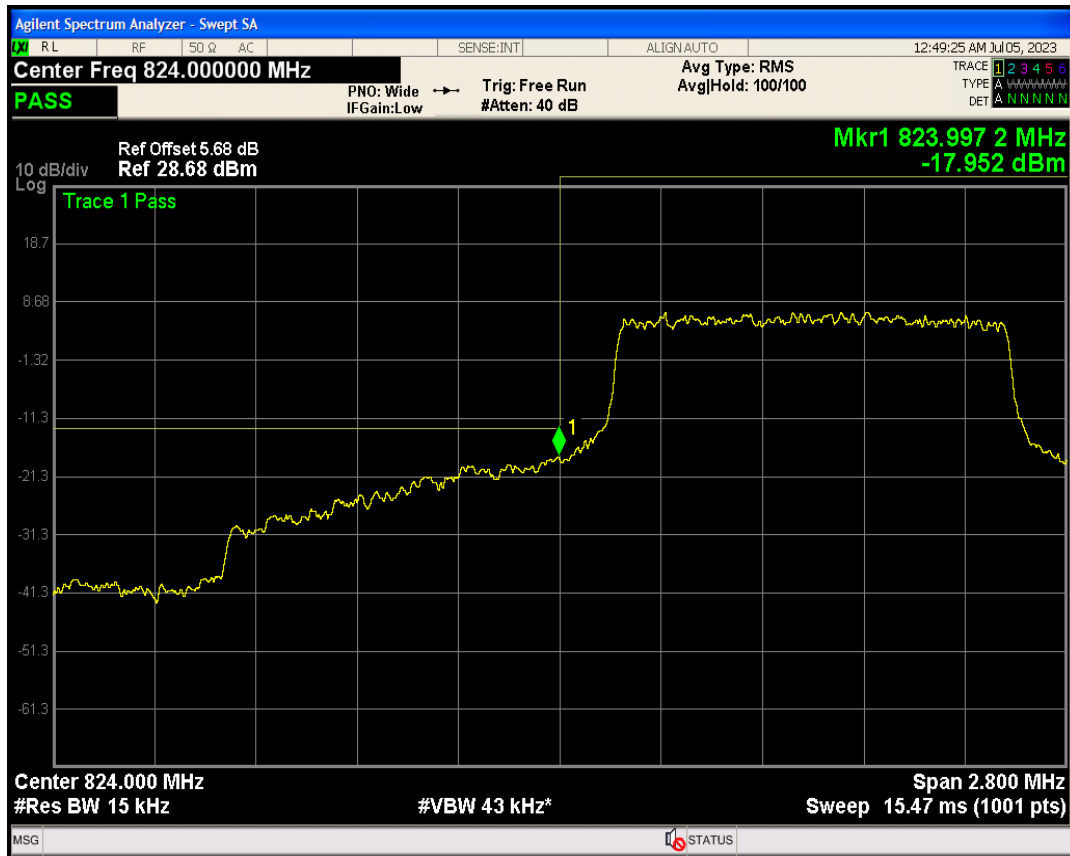


Appendix 5. Band edge

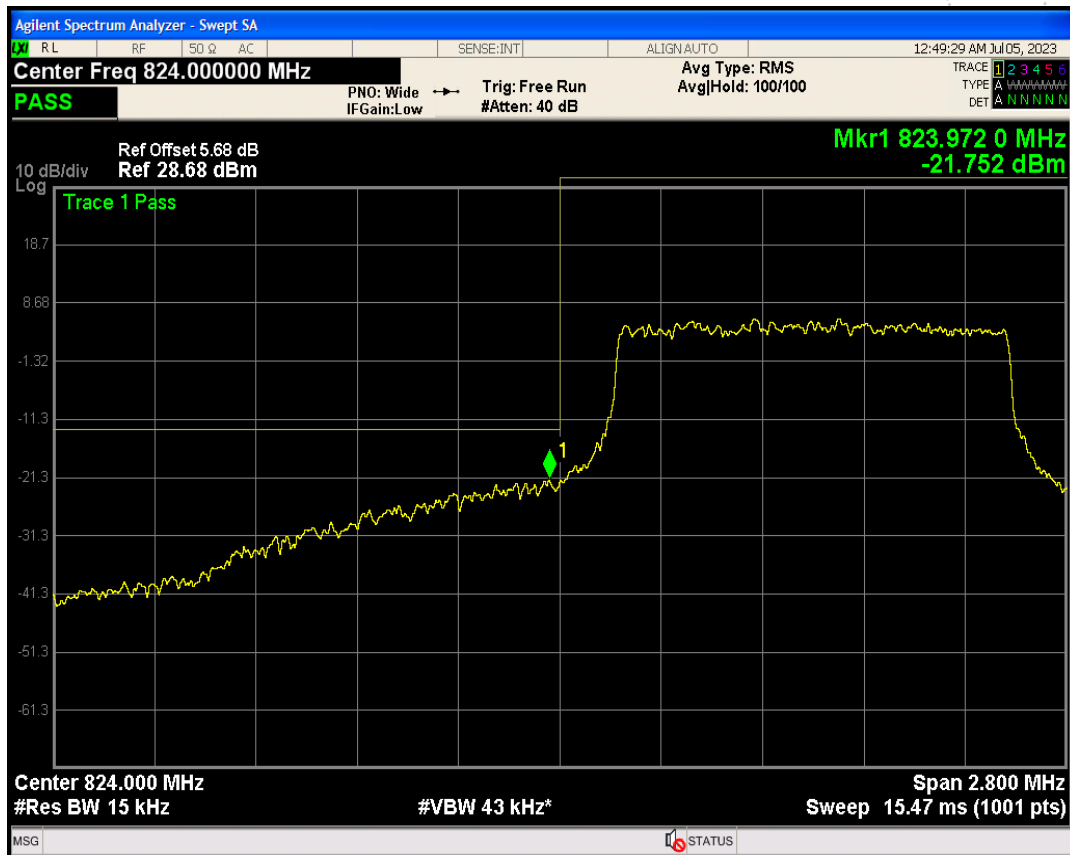
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	824.00	-17.95	-13	PASS
Band5	1.4	20407	6	#0	16QAM	823.97	-21.75	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.00	-28.83	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.00	-31.76	-13	PASS
Band5	3	20415	15	#0	QPSK	823.97	-20.41	-13	PASS
Band5	3	20415	15	#0	16QAM	823.99	-23.14	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-30.69	-13	PASS
Band5	3	20635	15	#0	16QAM	849.00	-29.91	-13	PASS
Band5	5	20425	25	#0	QPSK	823.99	-21.46	-13	PASS
Band5	5	20425	25	#0	16QAM	823.97	-23.49	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-23.33	-13	PASS
Band5	5	20625	25	#0	16QAM	849.02	-25.94	-13	PASS
Band5	10	20450	50	#0	QPSK	823.98	-27.47	-13	PASS
Band5	10	20450	50	#0	16QAM	823.96	-28.74	-13	PASS
Band5	10	20600	50	#0	QPSK	849.08	-31.82	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-30.28	-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



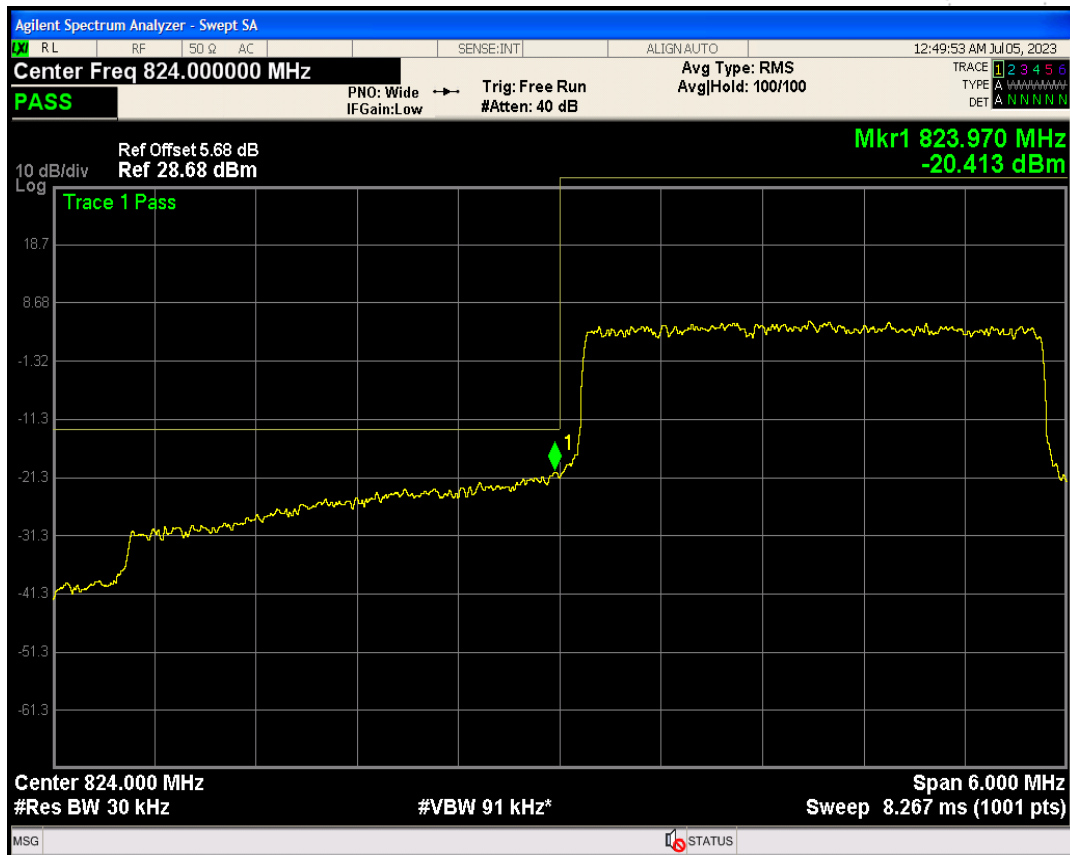
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



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

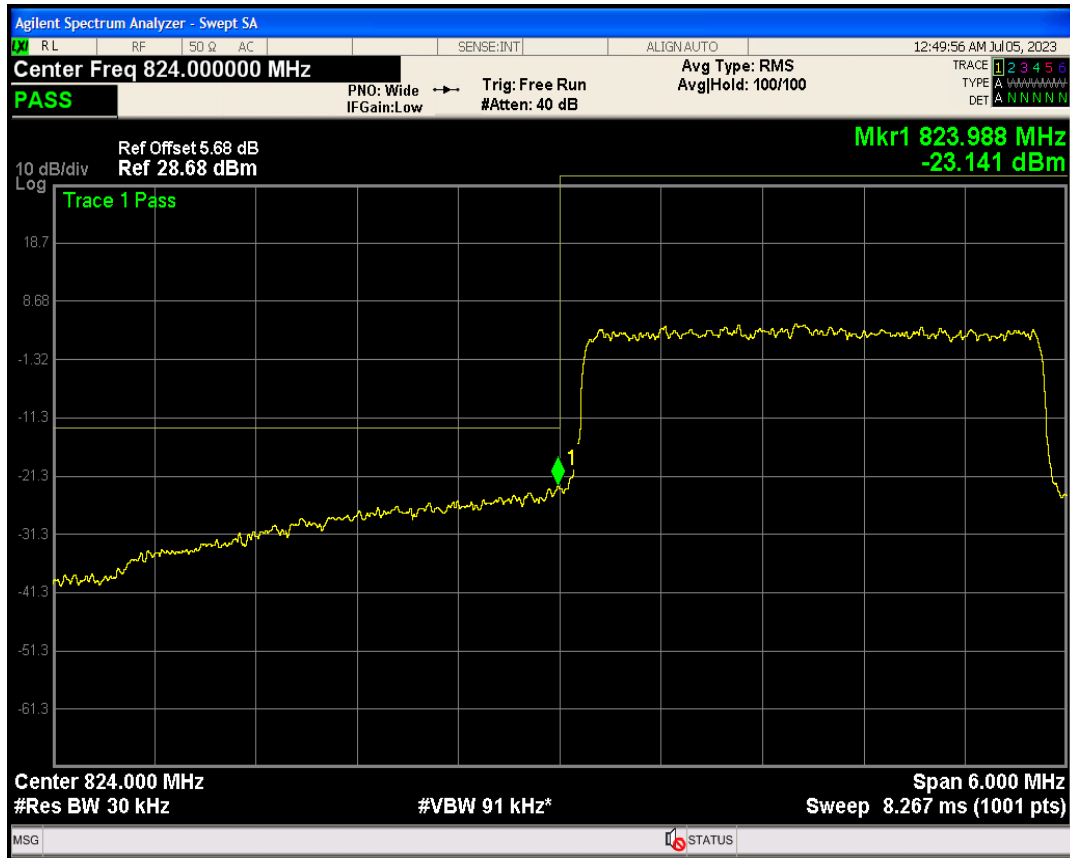


Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0

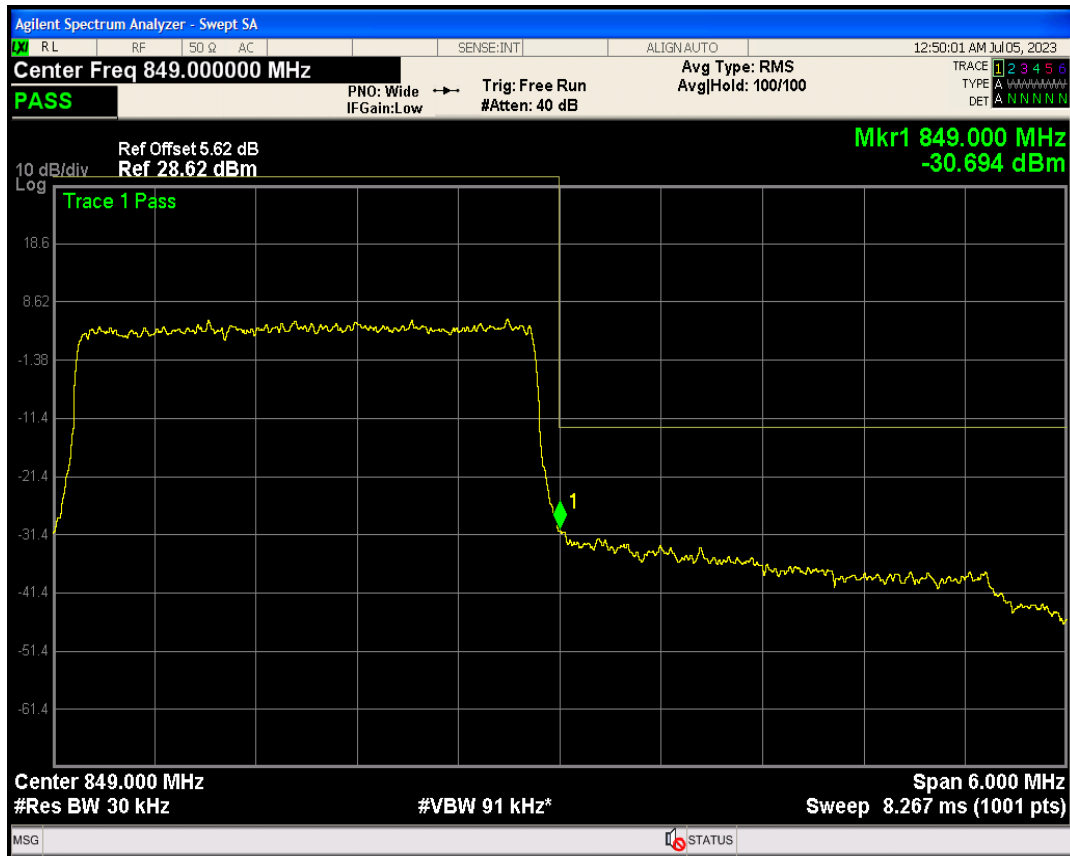




Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



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

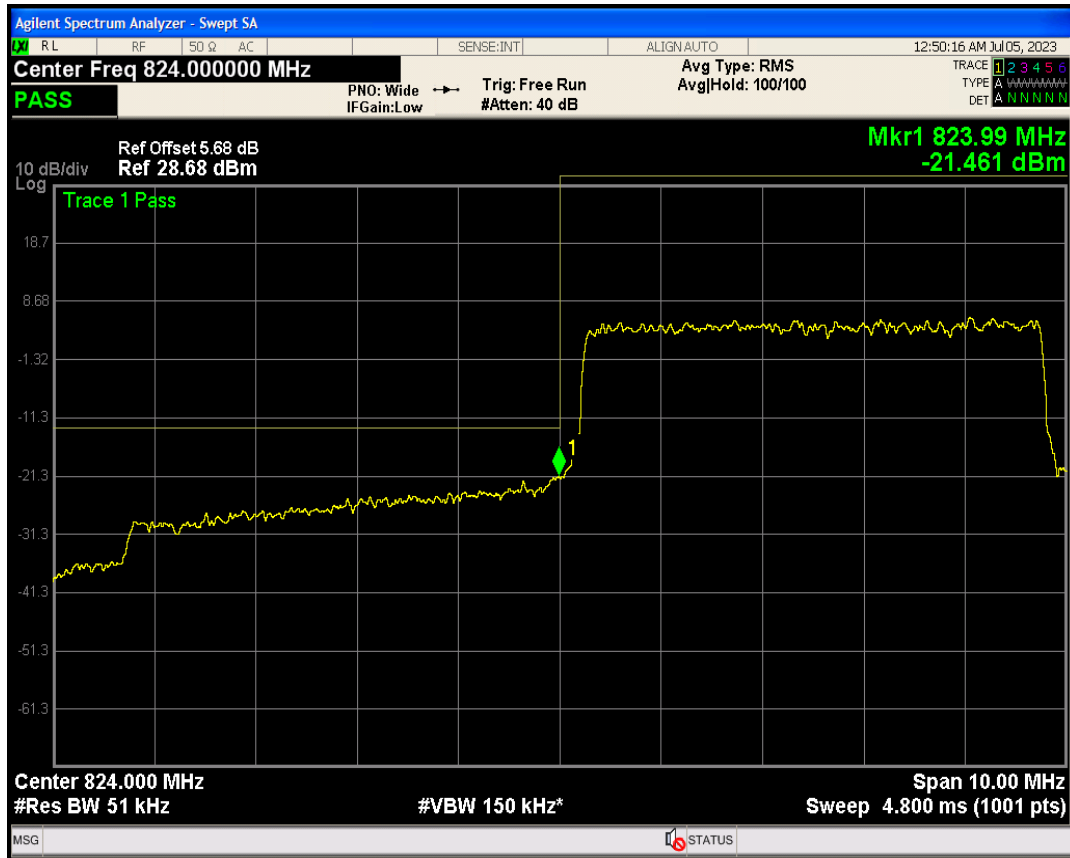


Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0

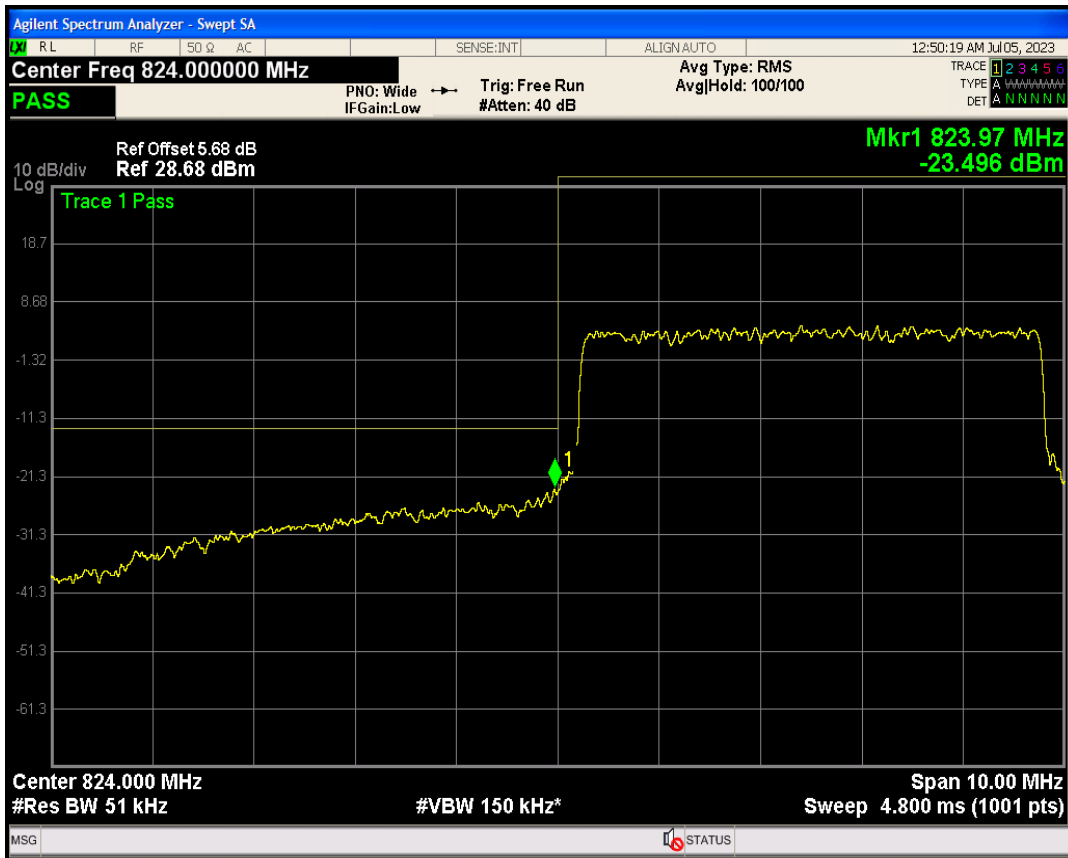




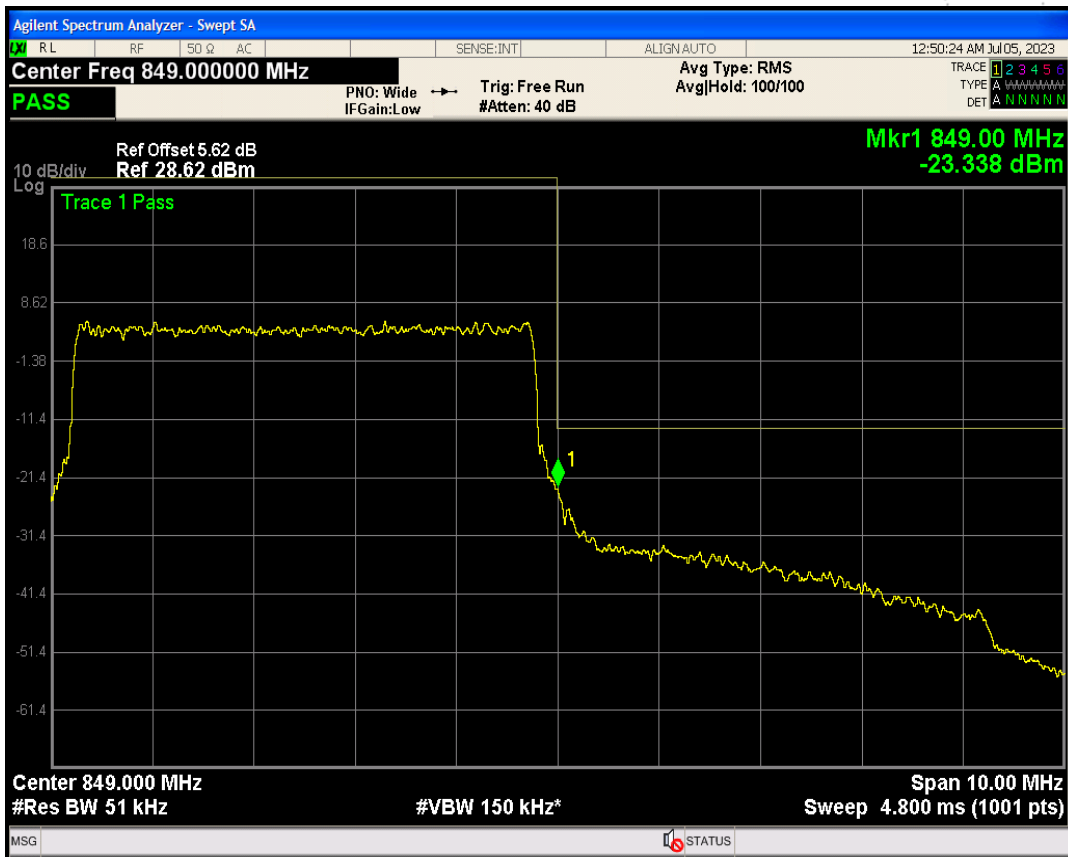
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



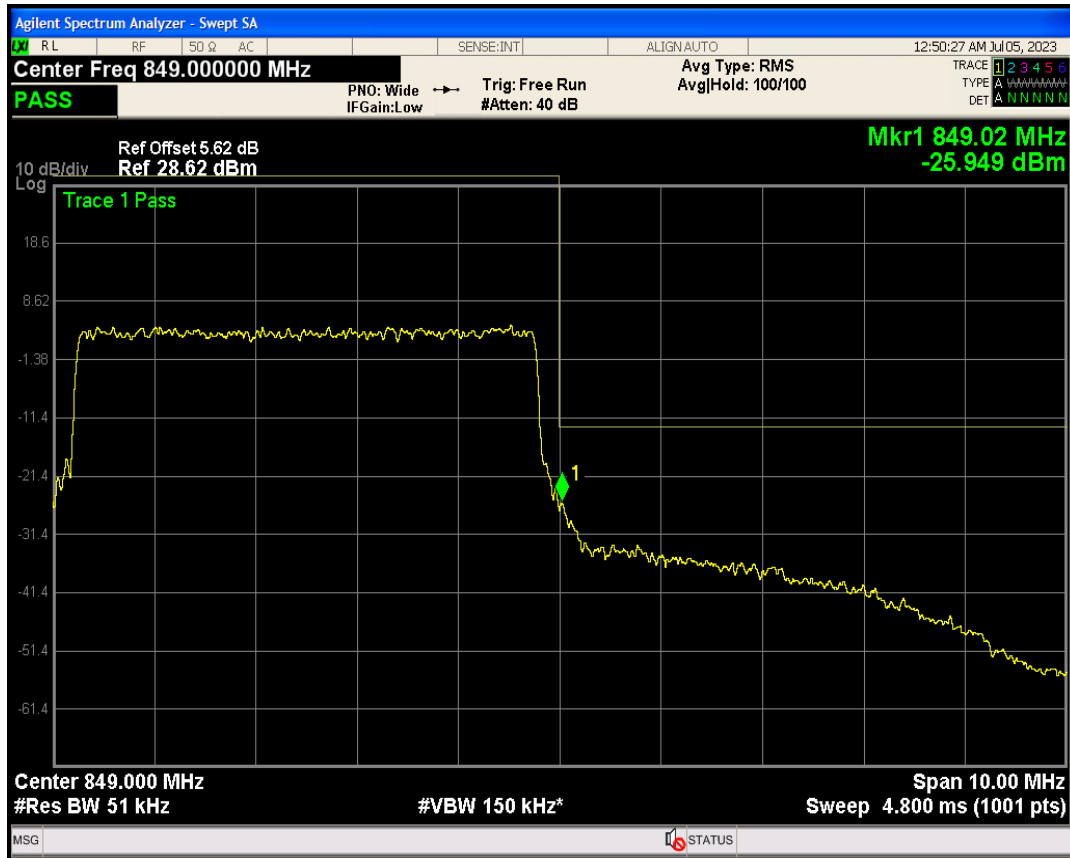
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



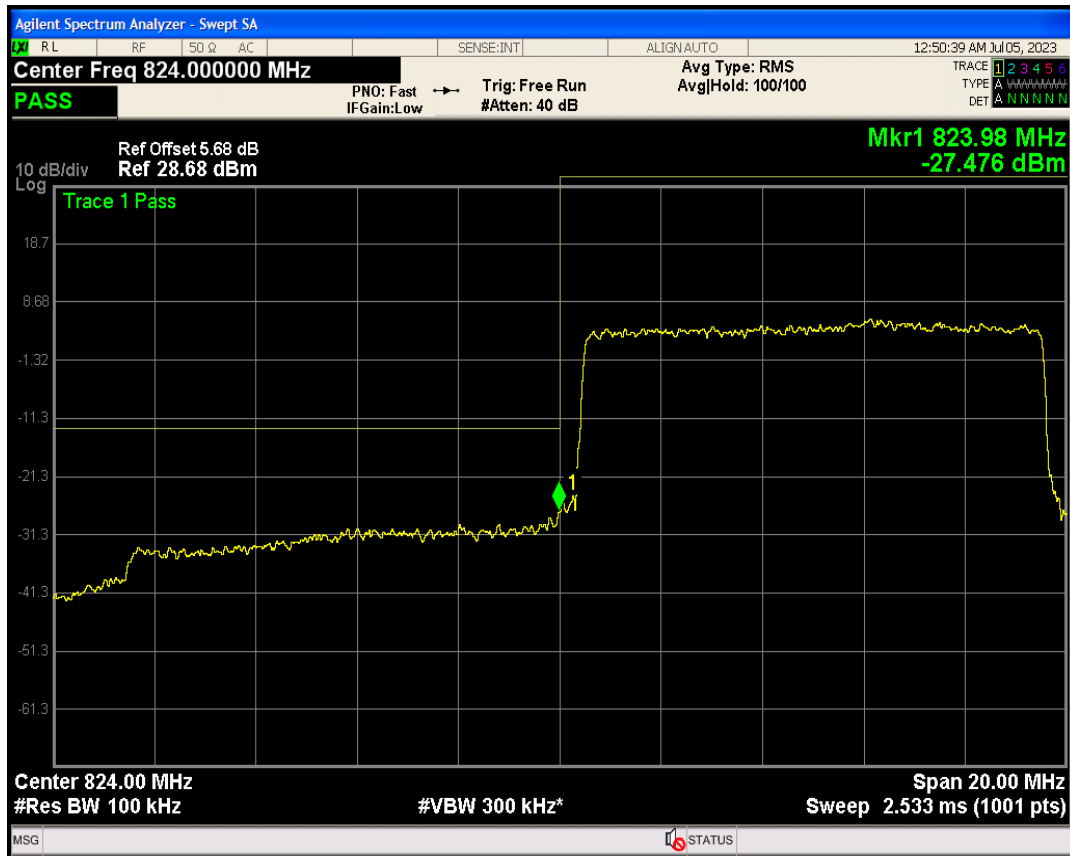
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



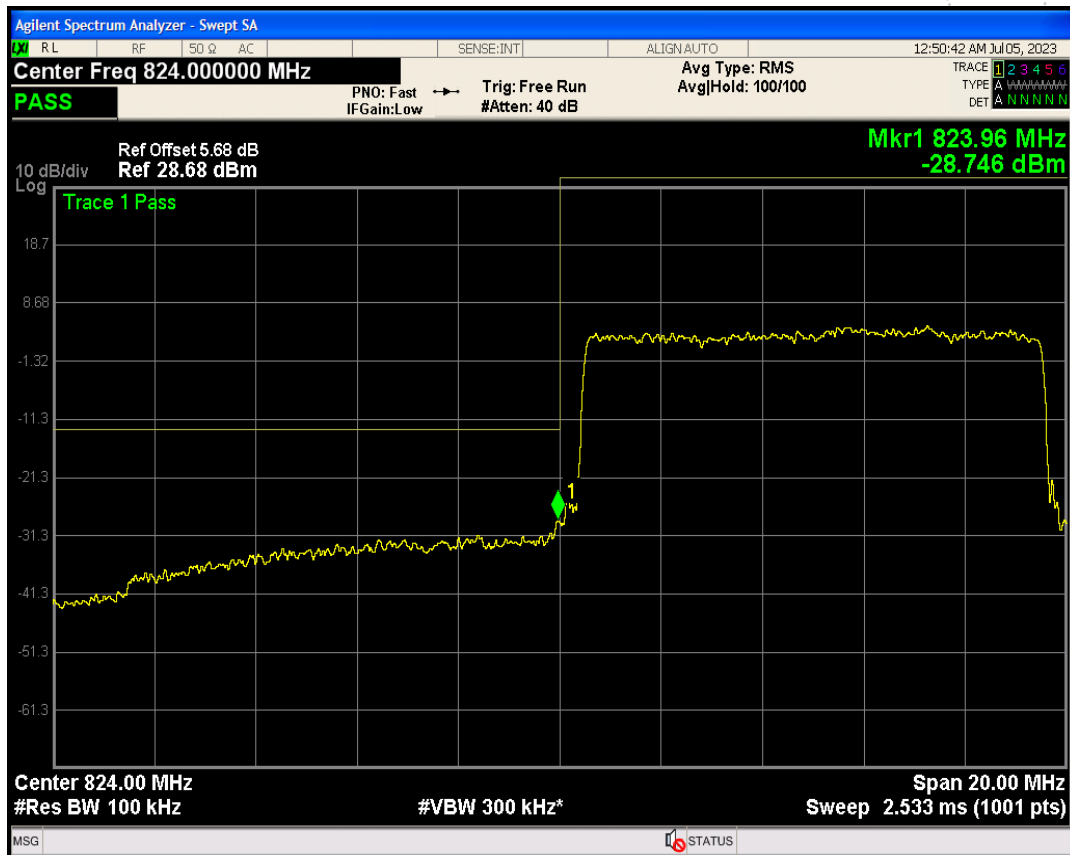
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



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



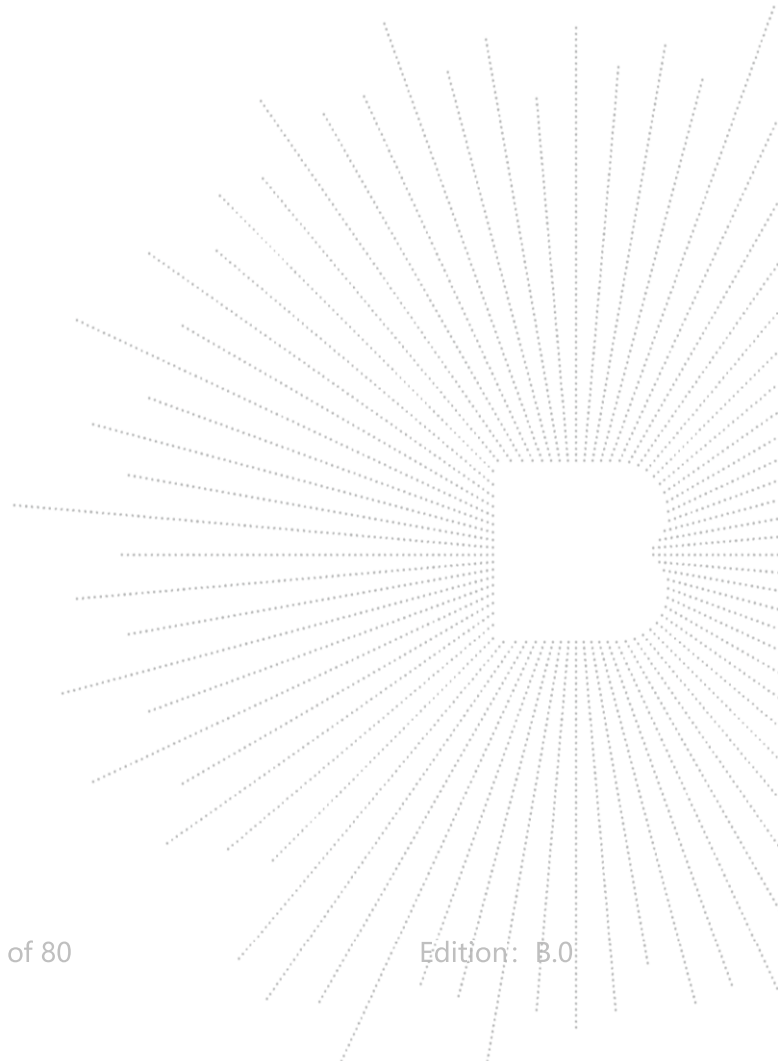
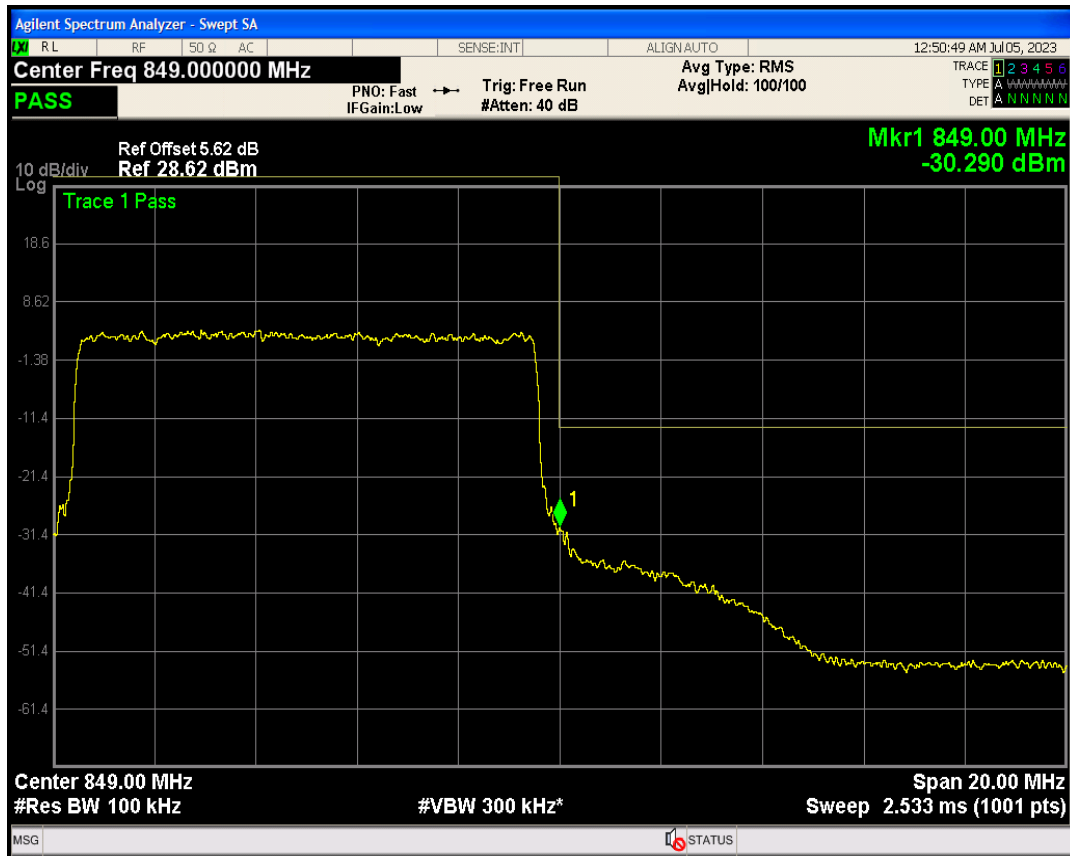
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



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



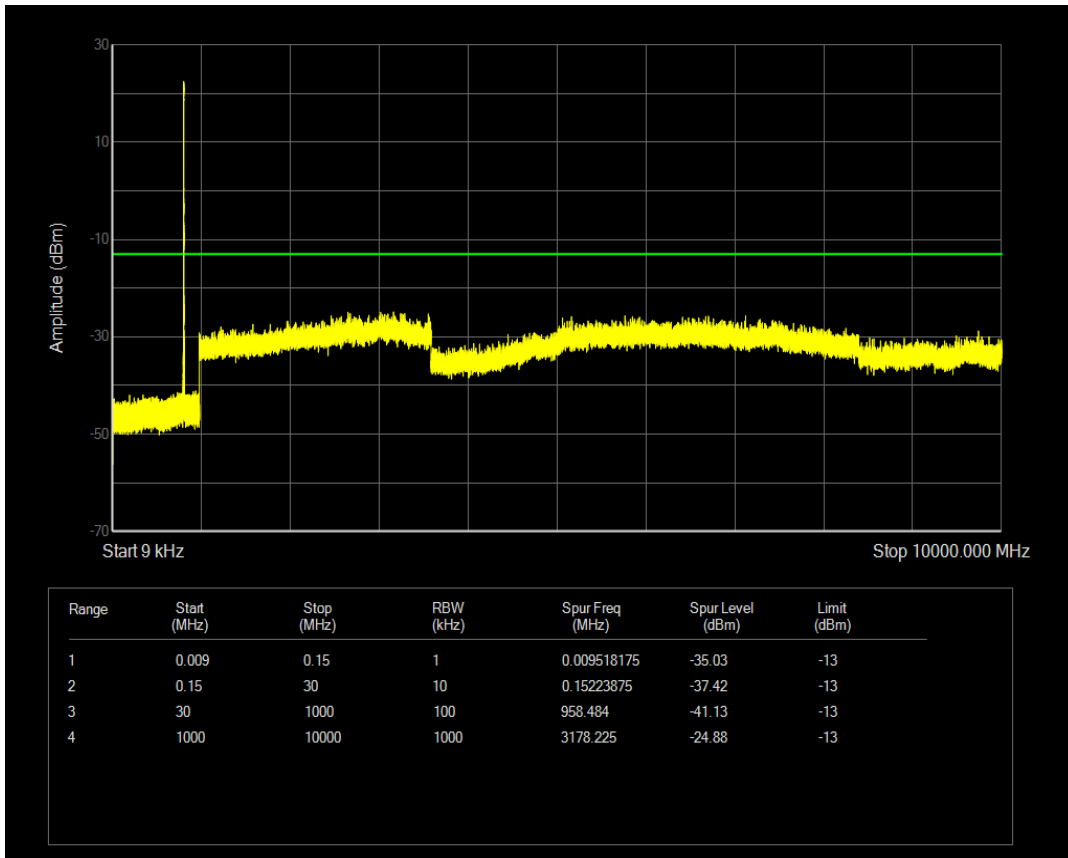
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



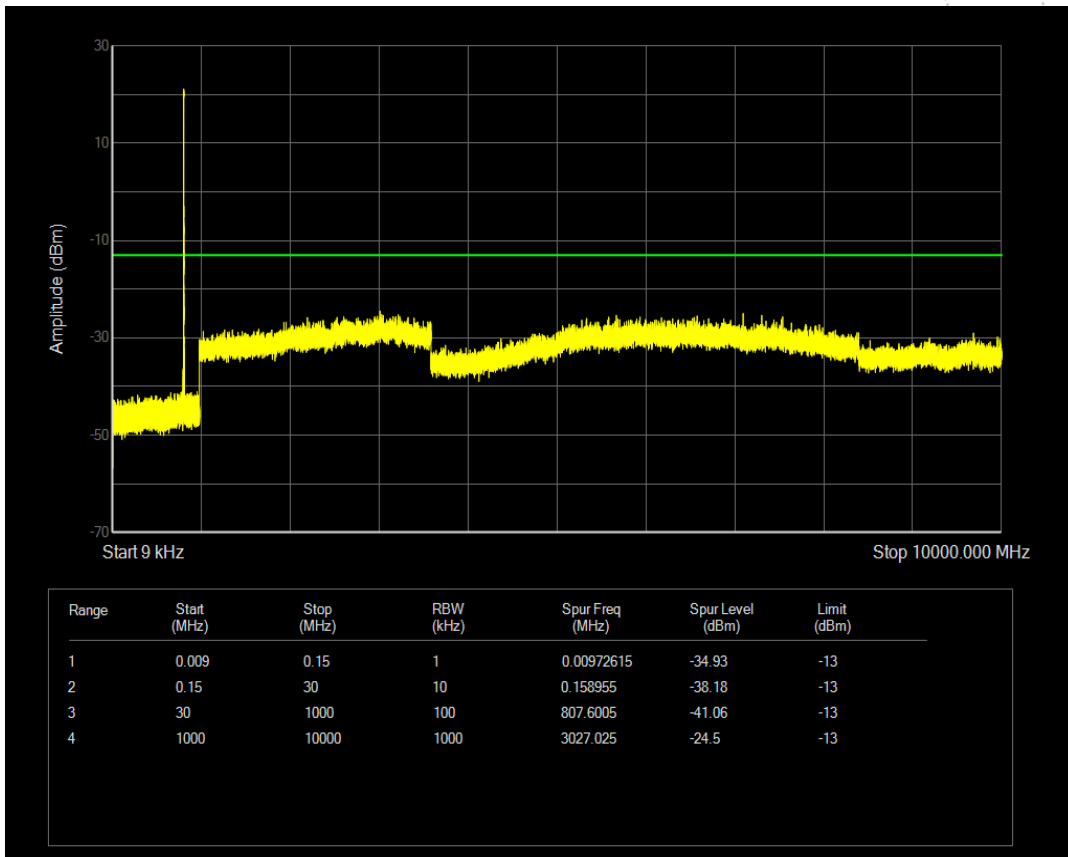
Appendix 6. Out-of-band emissions

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	3178.23	-24.88	-13	PASS
Band5	1.4	20407	6	#0	16QAM	3027.03	-24.50	-13	PASS
Band5	1.4	20525	6	#0	QPSK	2782.45	-24.28	-13	PASS
Band5	1.4	20525	6	#0	16QAM	2679.40	-23.98	-13	PASS
Band5	1.4	20643	6	#0	QPSK	3029.28	-24.36	-13	PASS
Band5	1.4	20643	6	#0	16QAM	3014.20	-24.30	-13	PASS
Band5	3	20415	15	#0	QPSK	3192.85	-23.88	-13	PASS
Band5	3	20415	15	#0	16QAM	3016.45	-23.96	-13	PASS
Band5	3	20525	15	#0	QPSK	3135.03	-24.14	-13	PASS
Band5	3	20525	15	#0	16QAM	6782.50	-25.20	-13	PASS
Band5	3	20635	15	#0	QPSK	2802.70	-24.33	-13	PASS
Band5	3	20635	15	#0	16QAM	3149.88	-23.55	-13	PASS
Band5	5	20425	25	#0	QPSK	3011.28	-24.89	-13	PASS
Band5	5	20425	25	#0	16QAM	3184.08	-24.33	-13	PASS
Band5	5	20525	25	#0	QPSK	3027.03	-23.98	-13	PASS
Band5	5	20525	25	#0	16QAM	3116.13	-24.24	-13	PASS
Band5	5	20625	25	#0	QPSK	3441.25	-23.97	-13	PASS
Band5	5	20625	25	#0	16QAM	3026.13	-24.92	-13	PASS
Band5	10	20450	50	#0	QPSK	3026.58	-24.56	-13	PASS
Band5	10	20450	50	#0	16QAM	3189.03	-24.47	-13	PASS
Band5	10	20525	50	#0	QPSK	3401.43	-24.83	-13	PASS
Band5	10	20525	50	#0	16QAM	6436.68	-24.28	-13	PASS
Band5	10	20600	50	#0	QPSK	3147.63	-24.78	-13	PASS
Band5	10	20600	50	#0	16QAM	3180.93	-24.91	-13	PASS

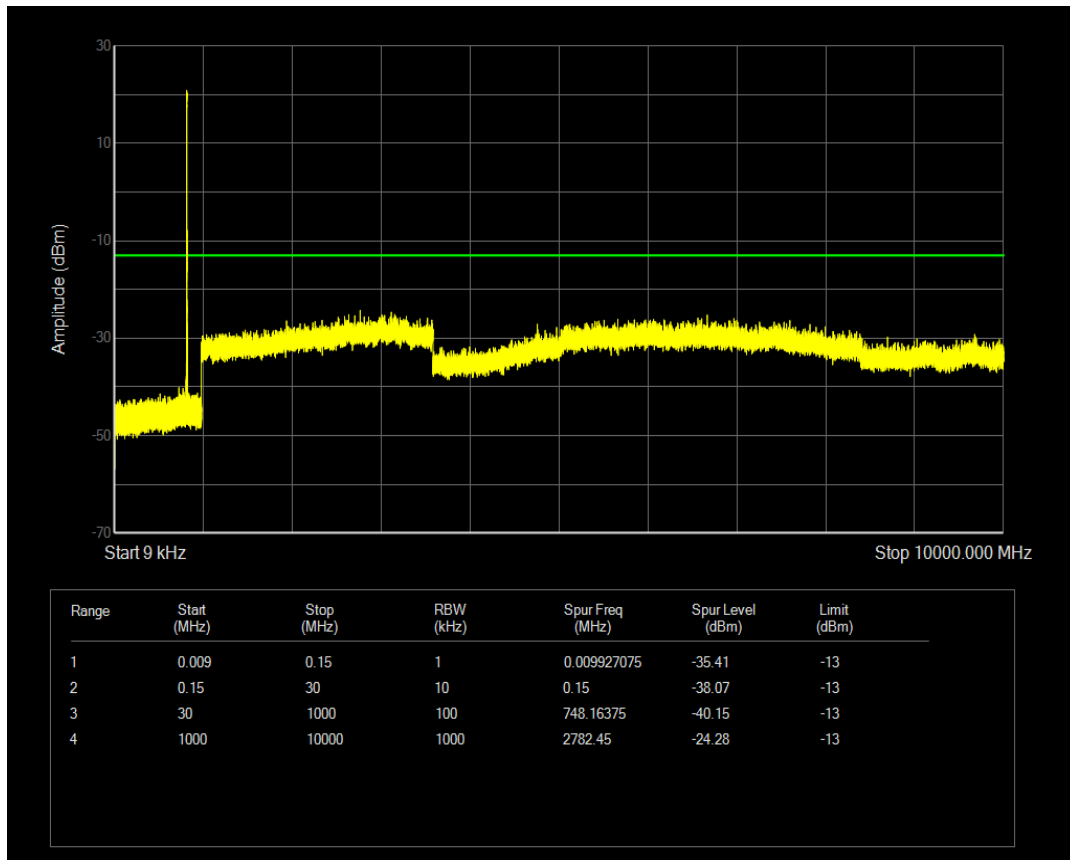
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



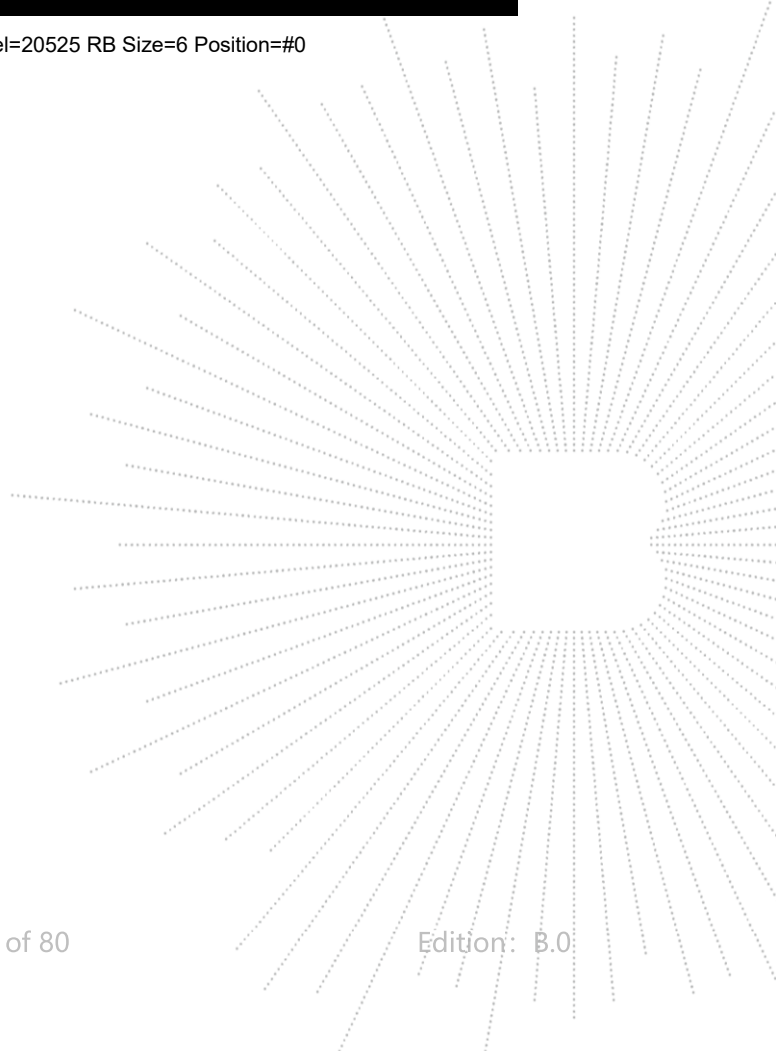
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0

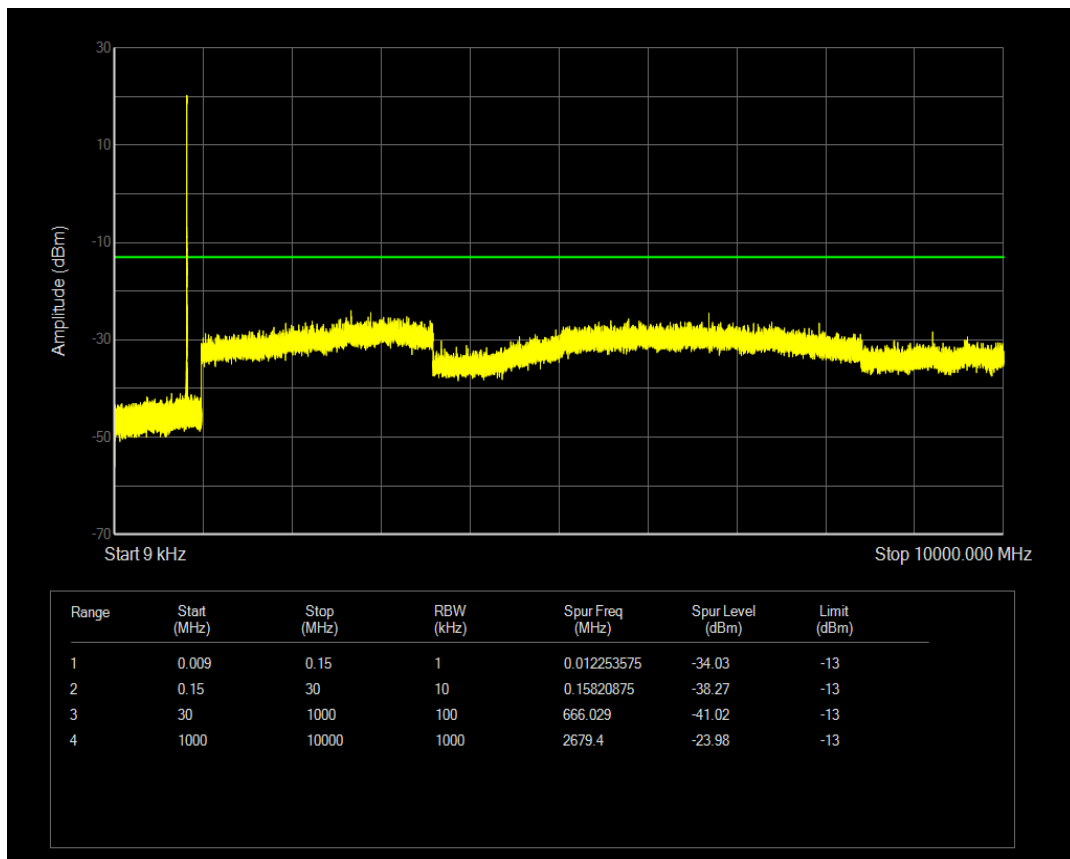


Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0

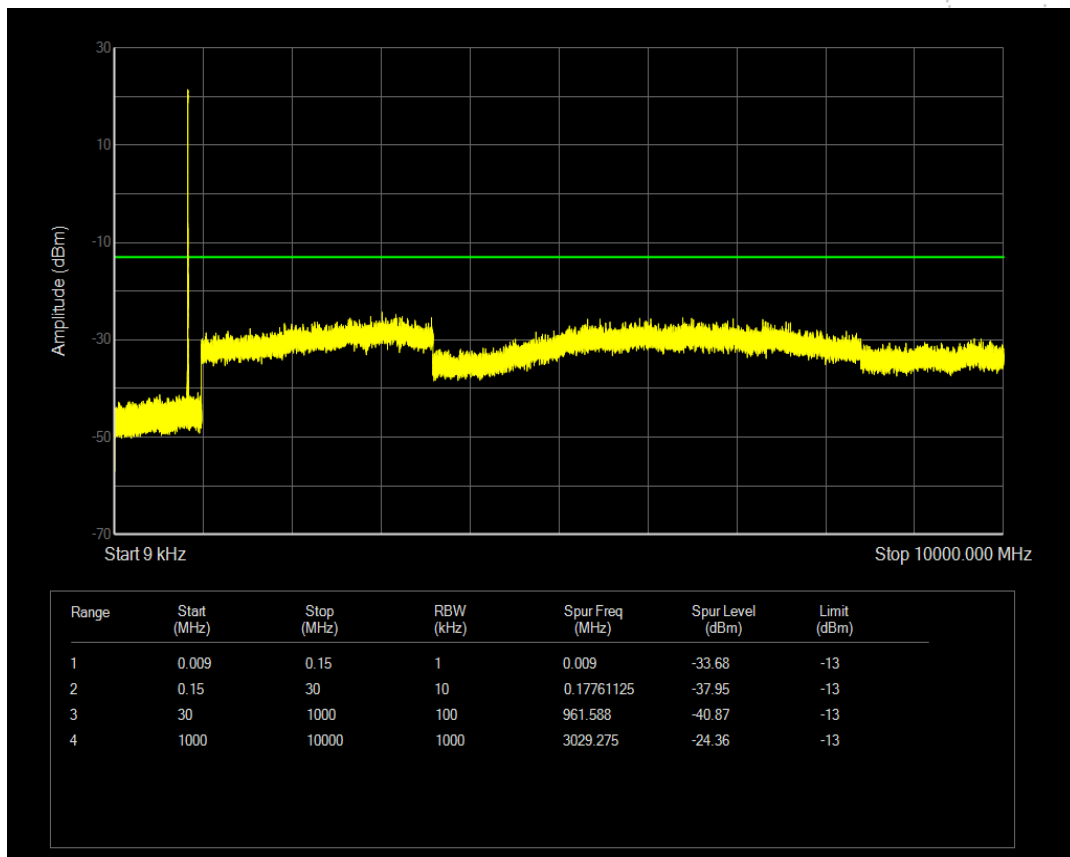


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0

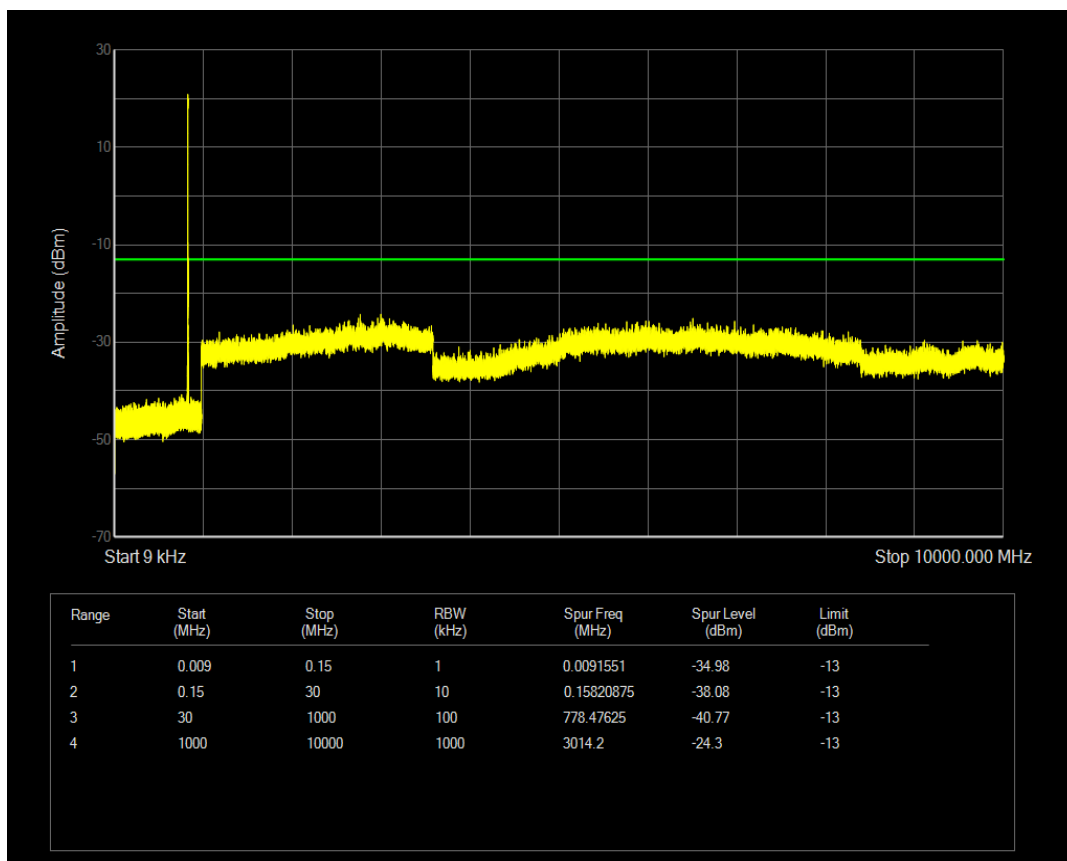




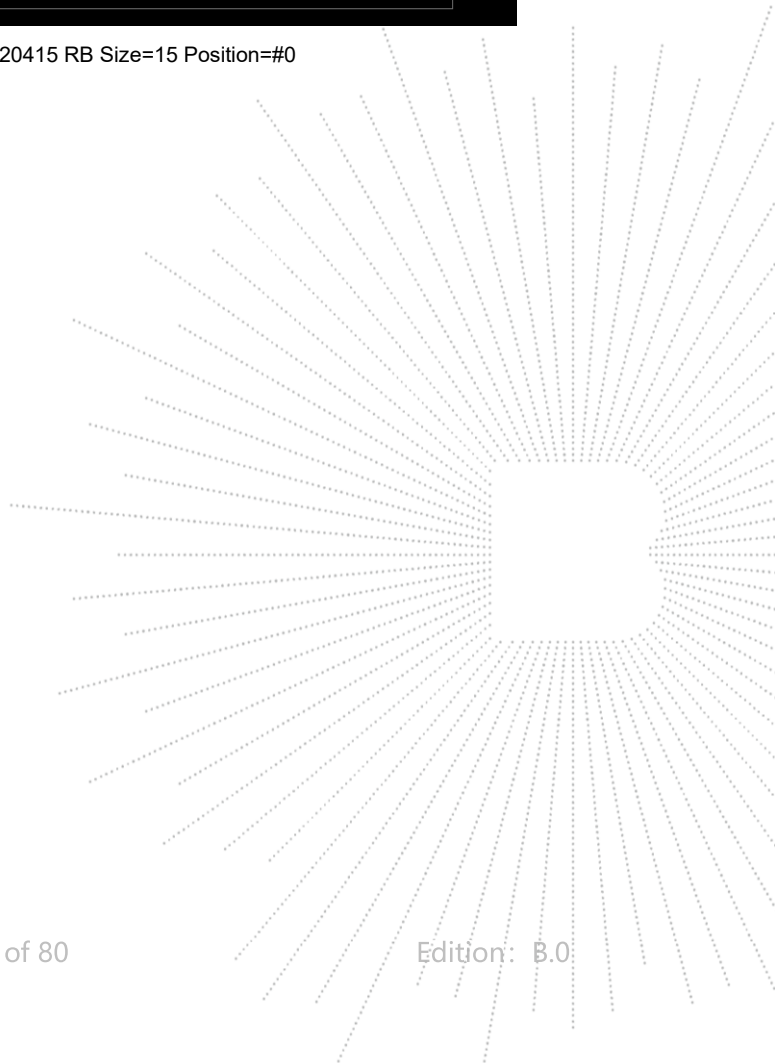
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0

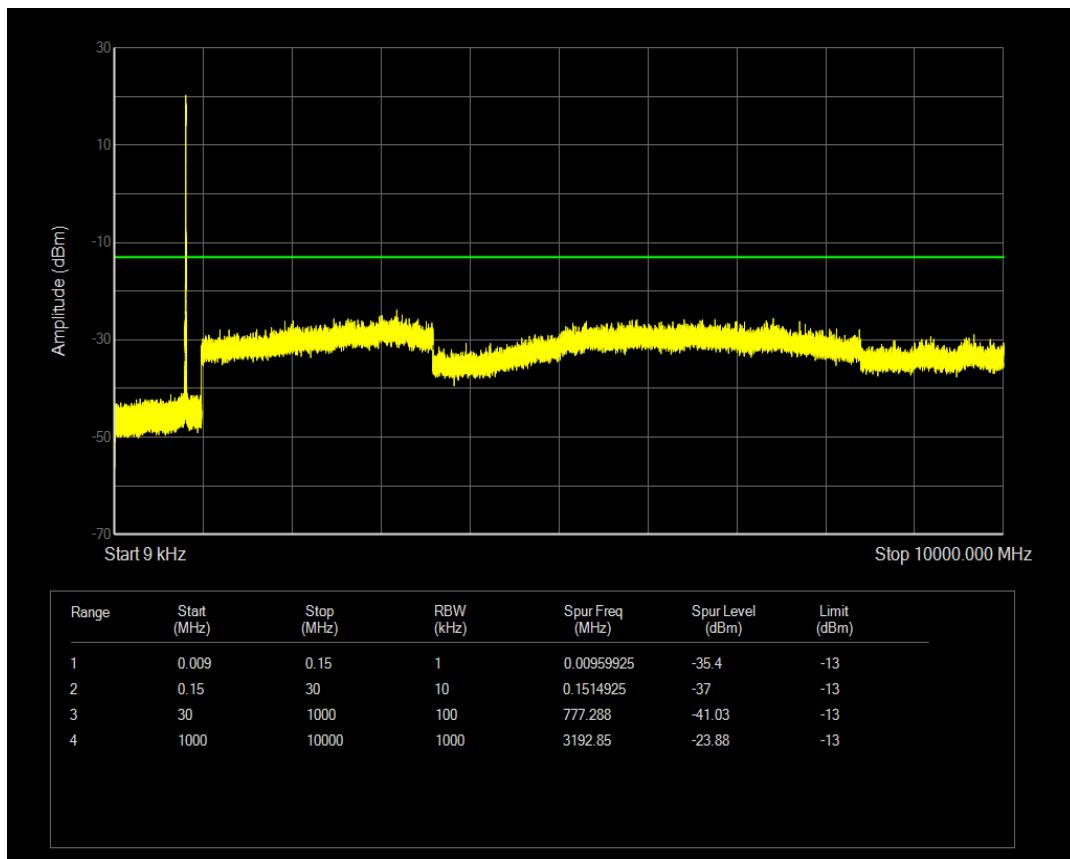


Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0

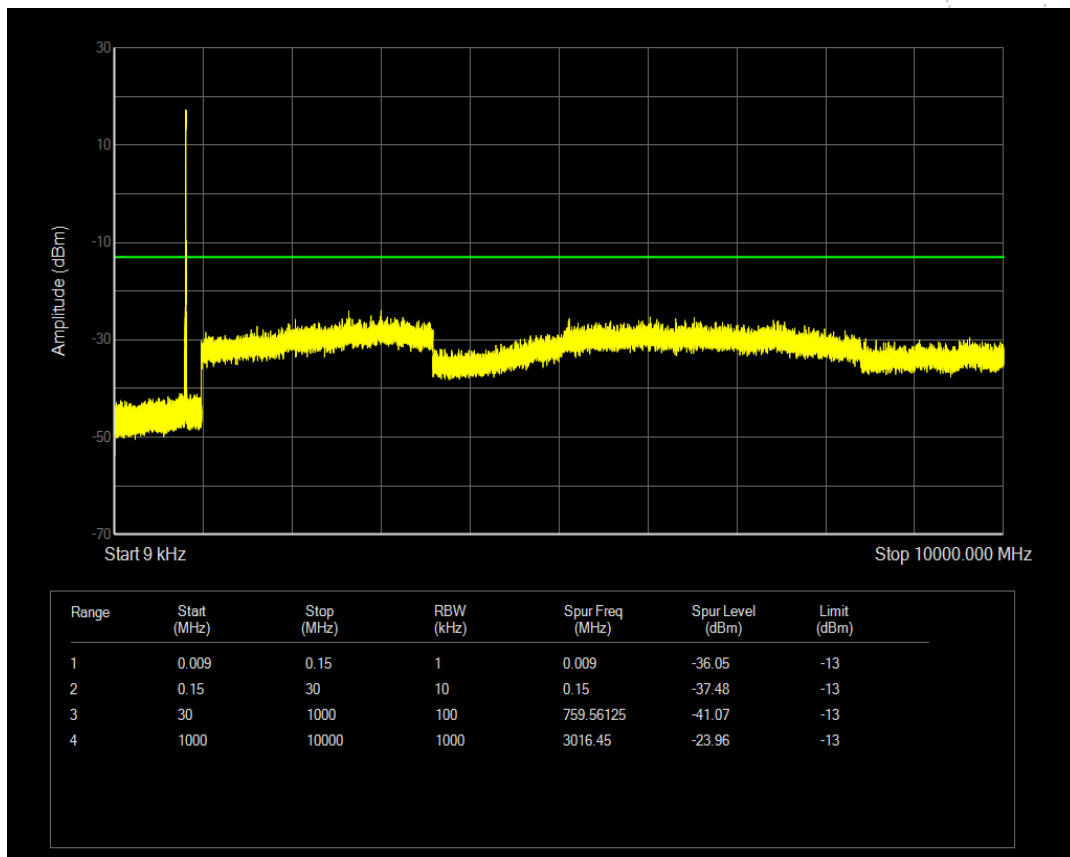


Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0

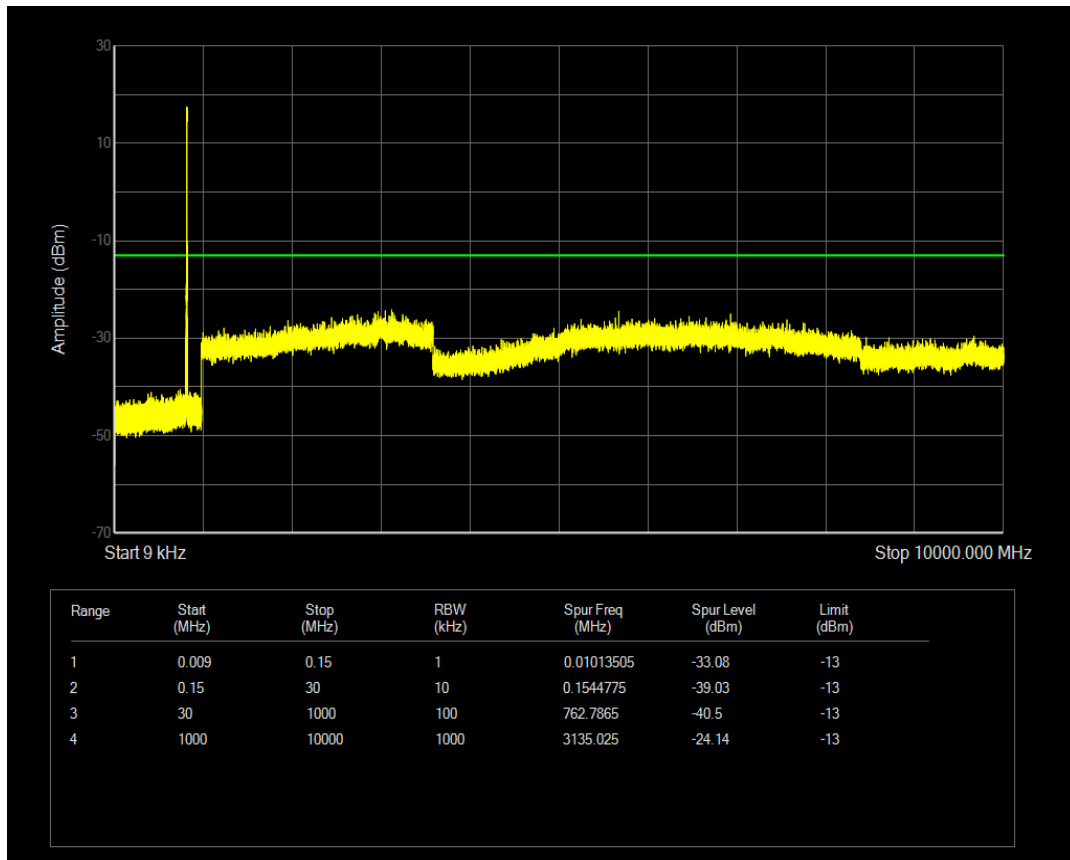




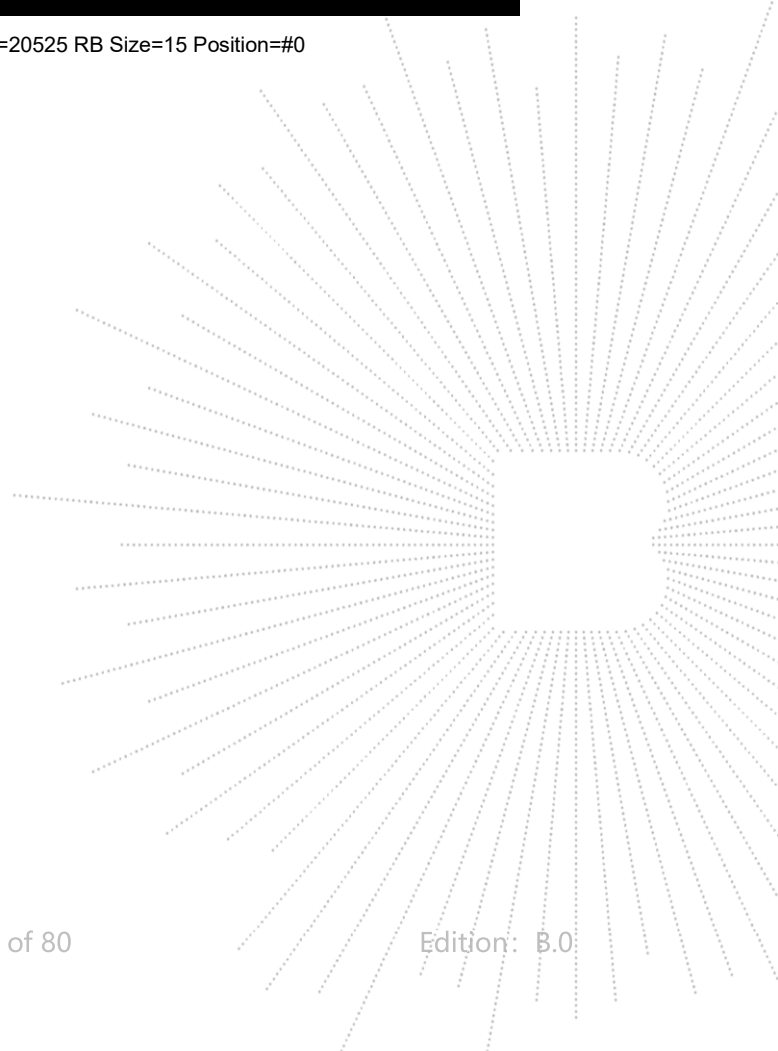
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0

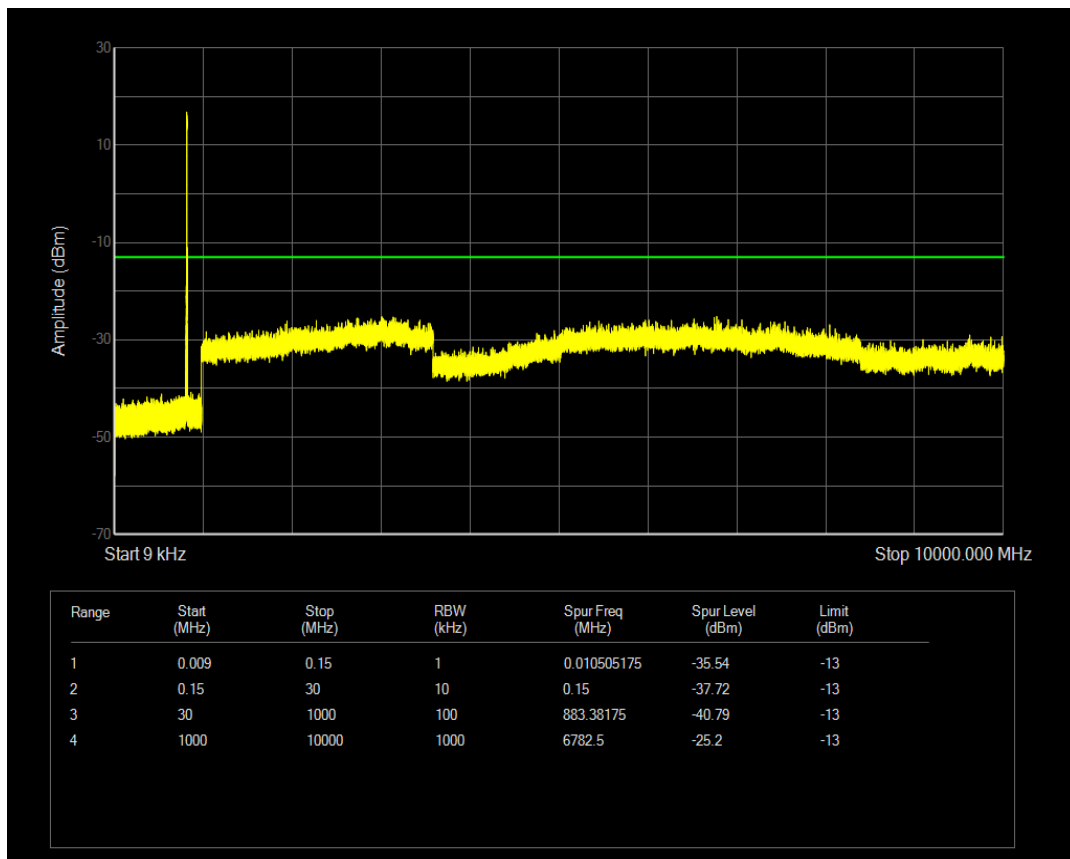


Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0

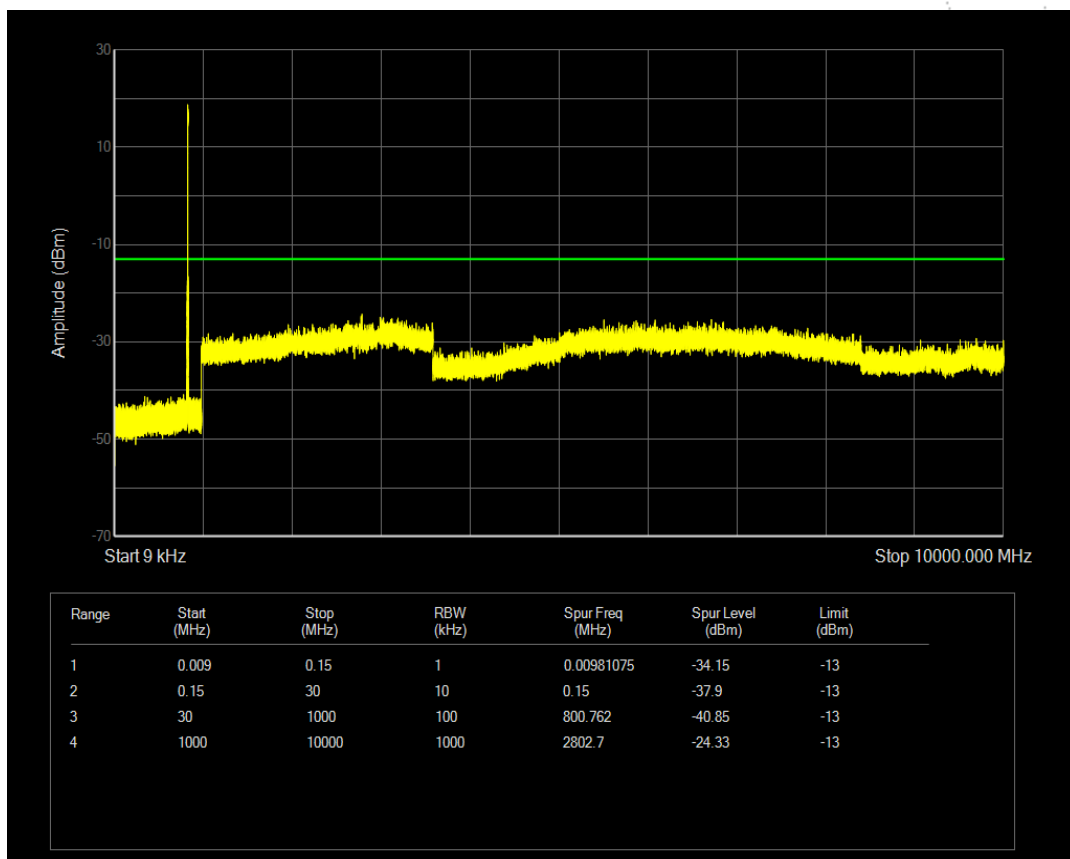


Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0

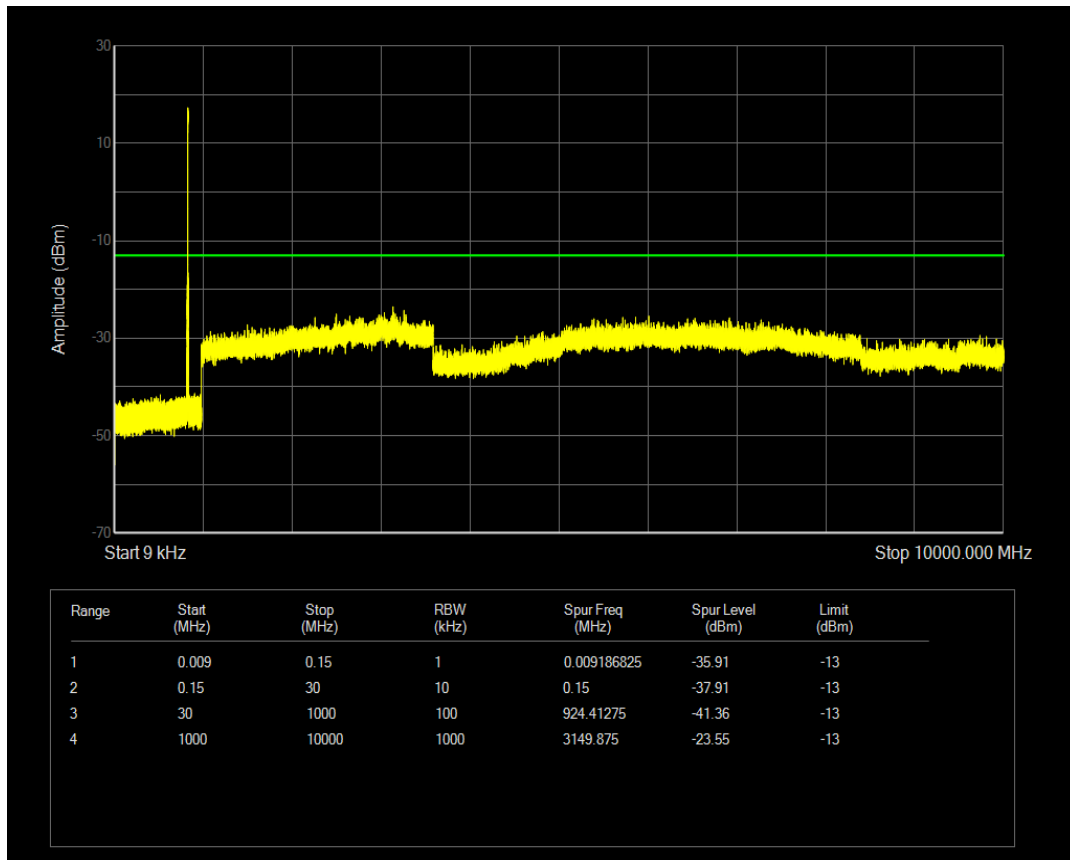




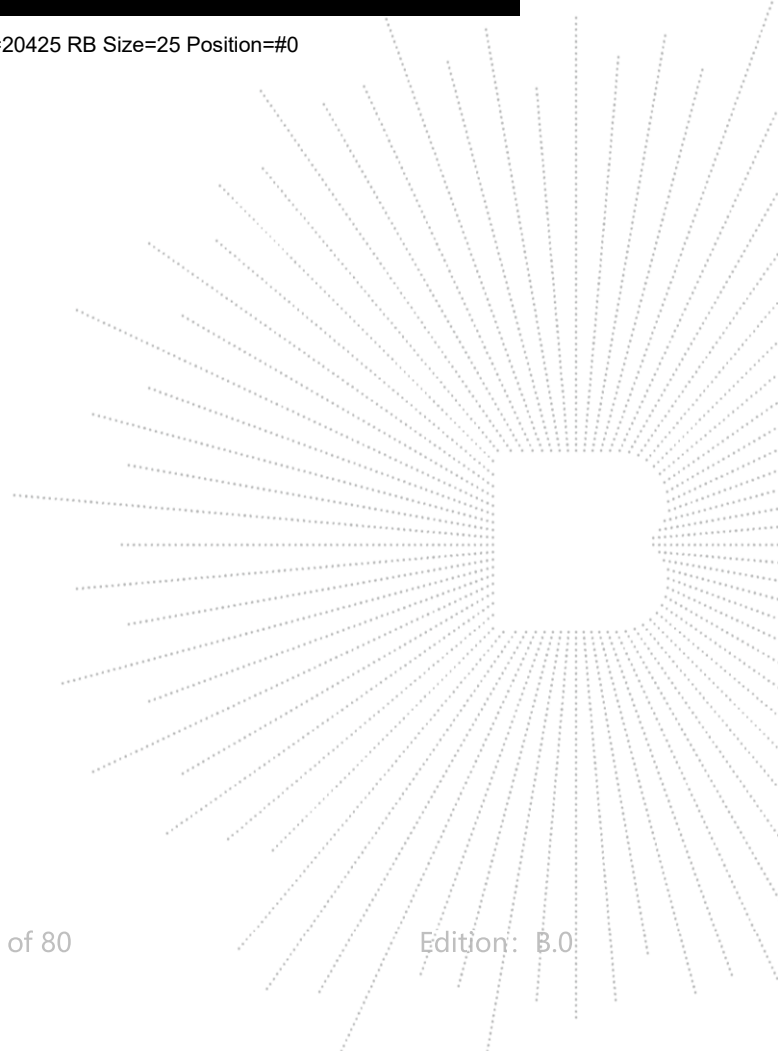
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

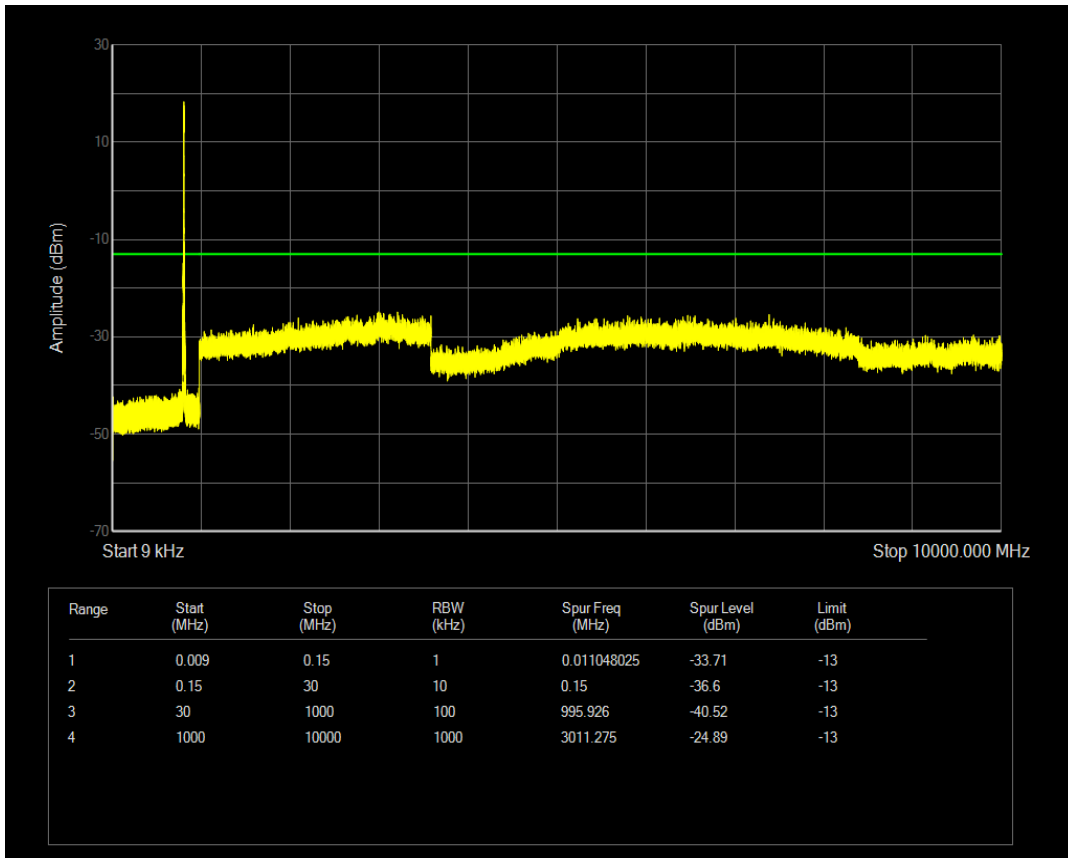


Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0

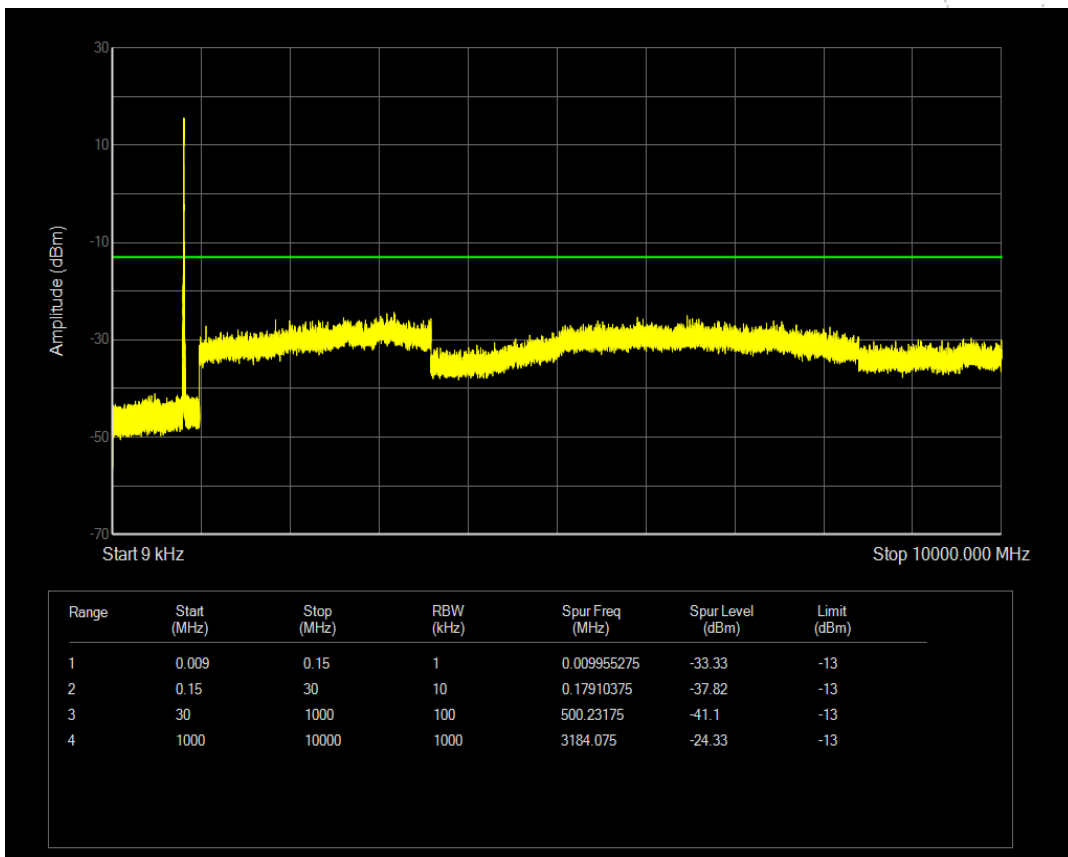


Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0

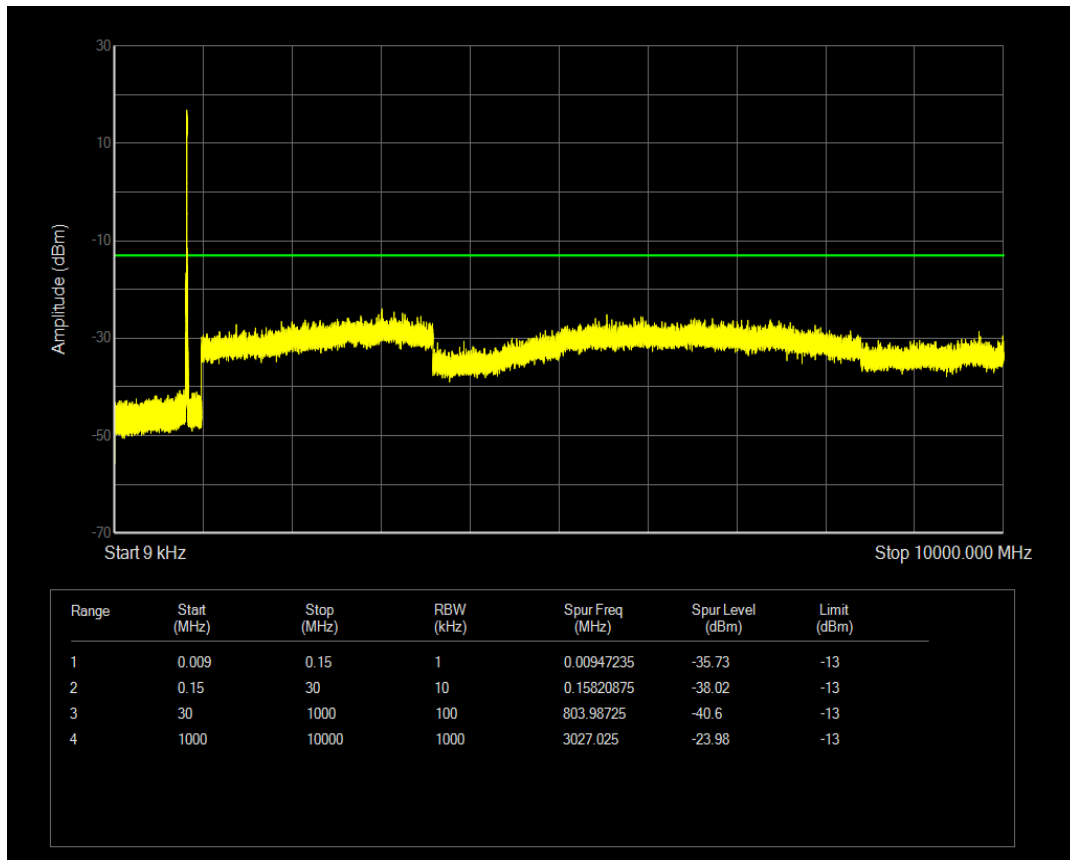




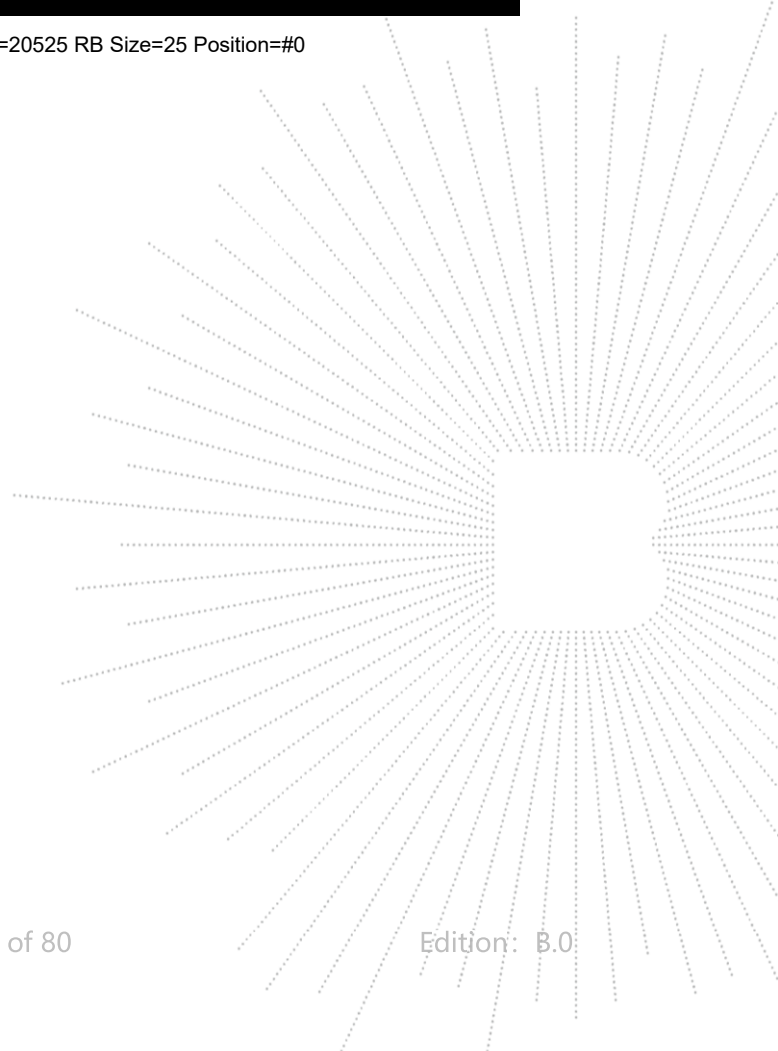
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0

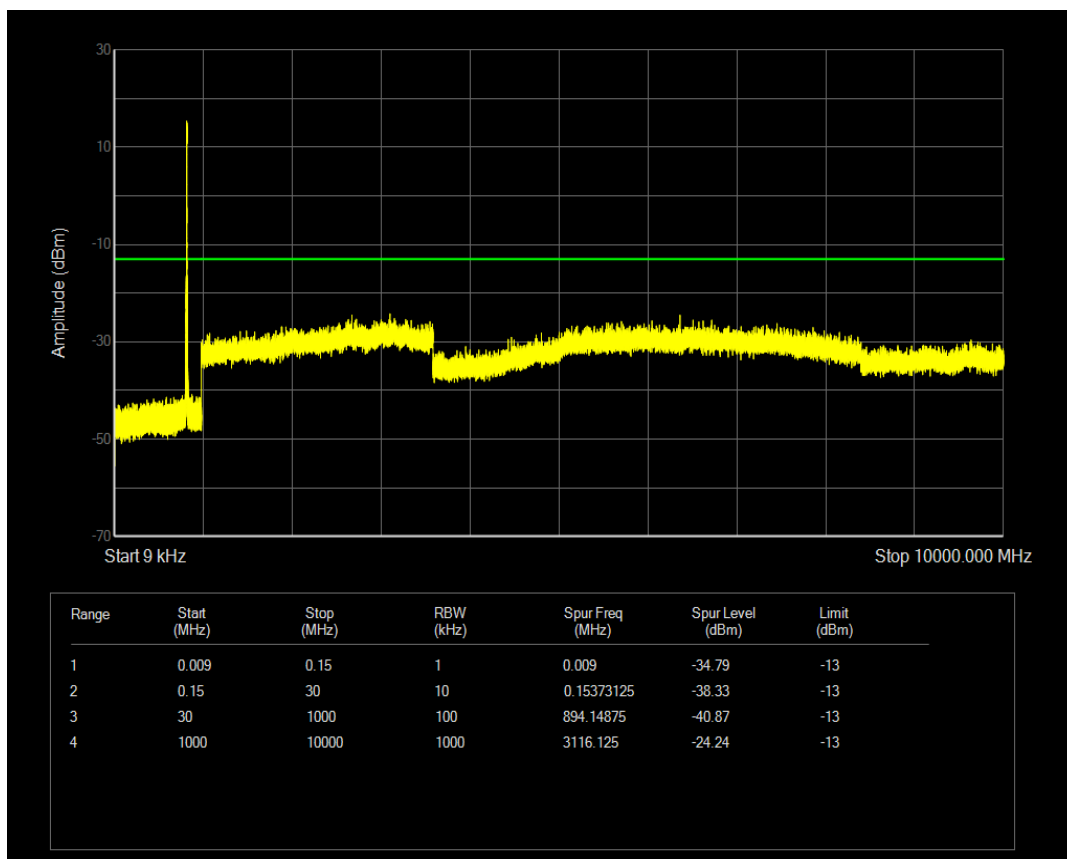


Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0

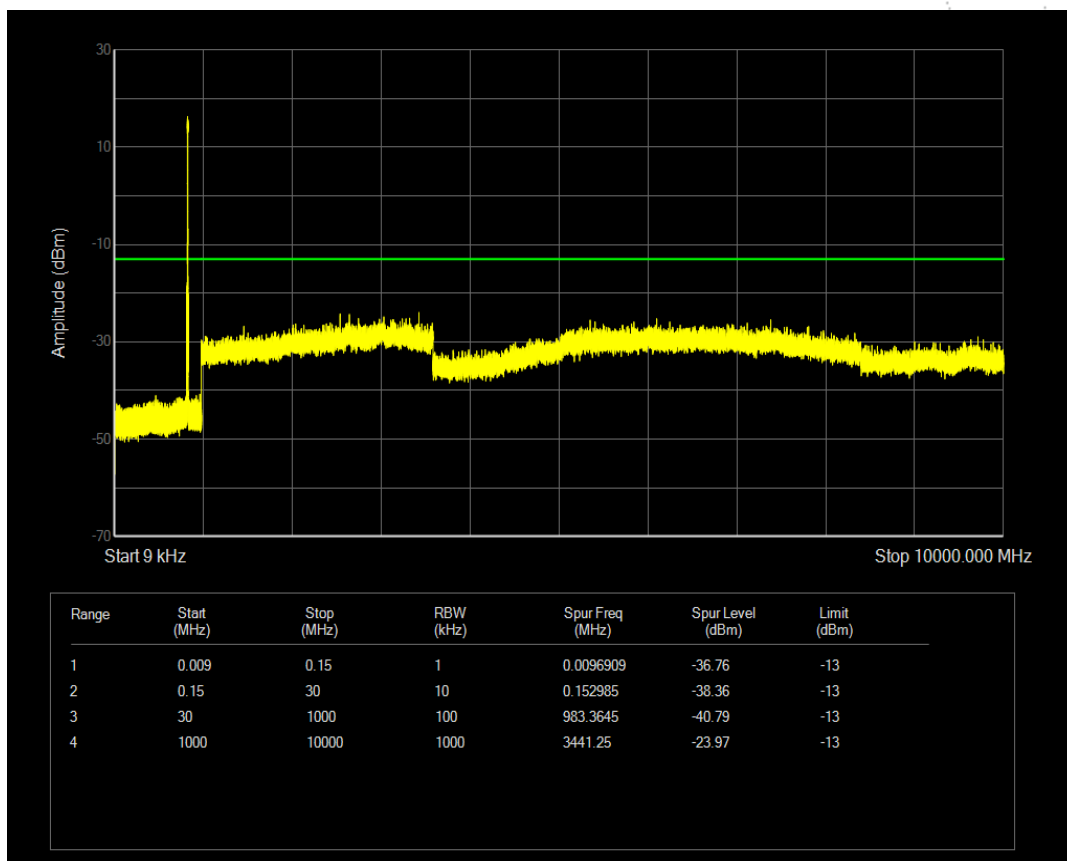


Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0

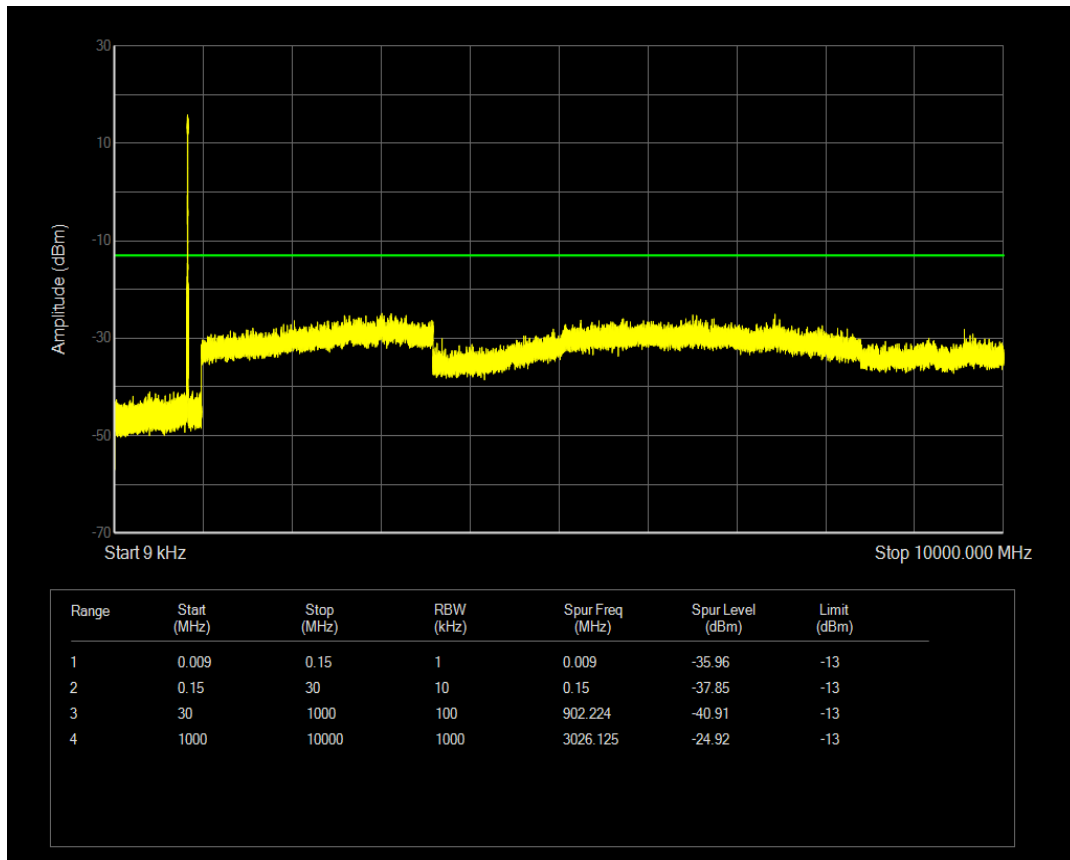




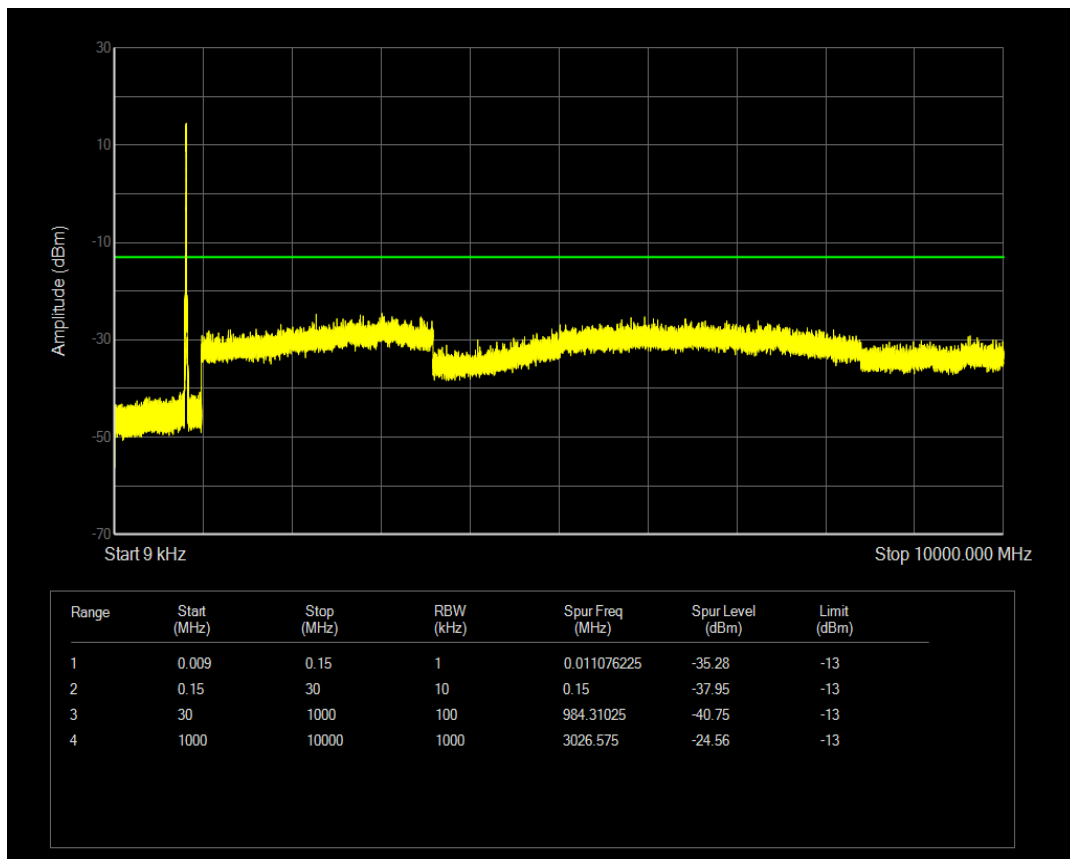
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



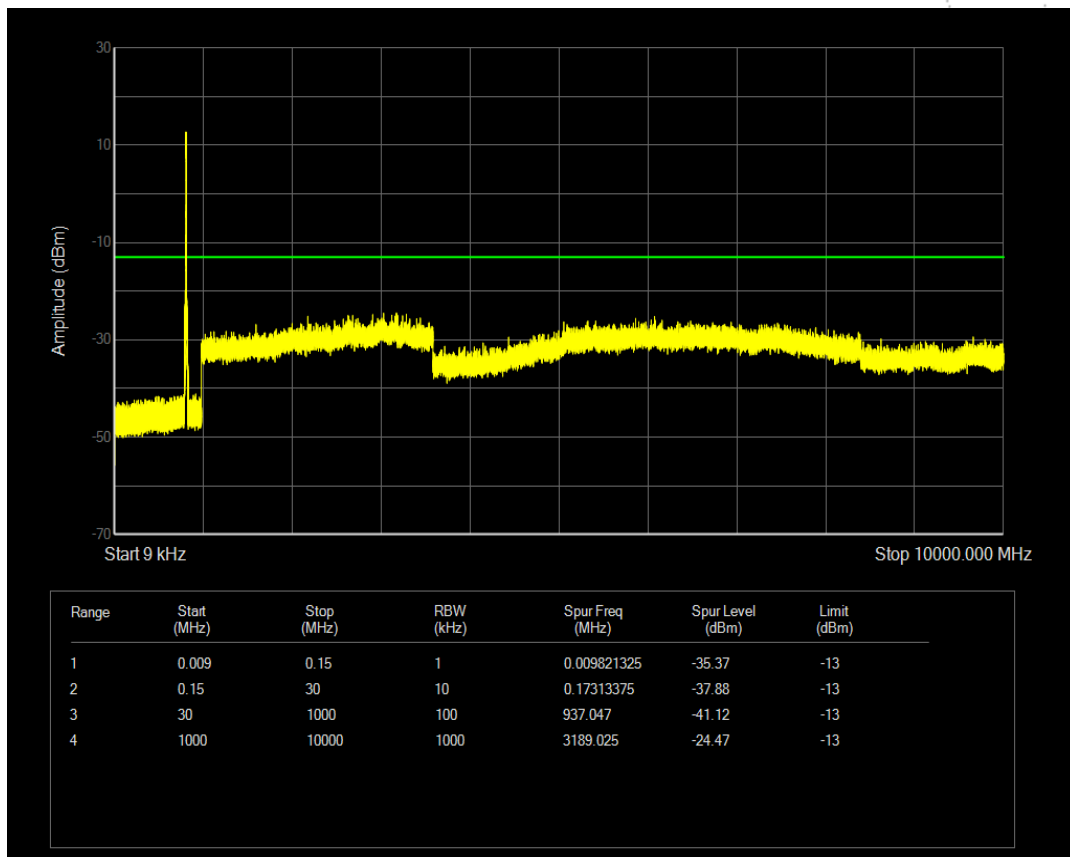
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



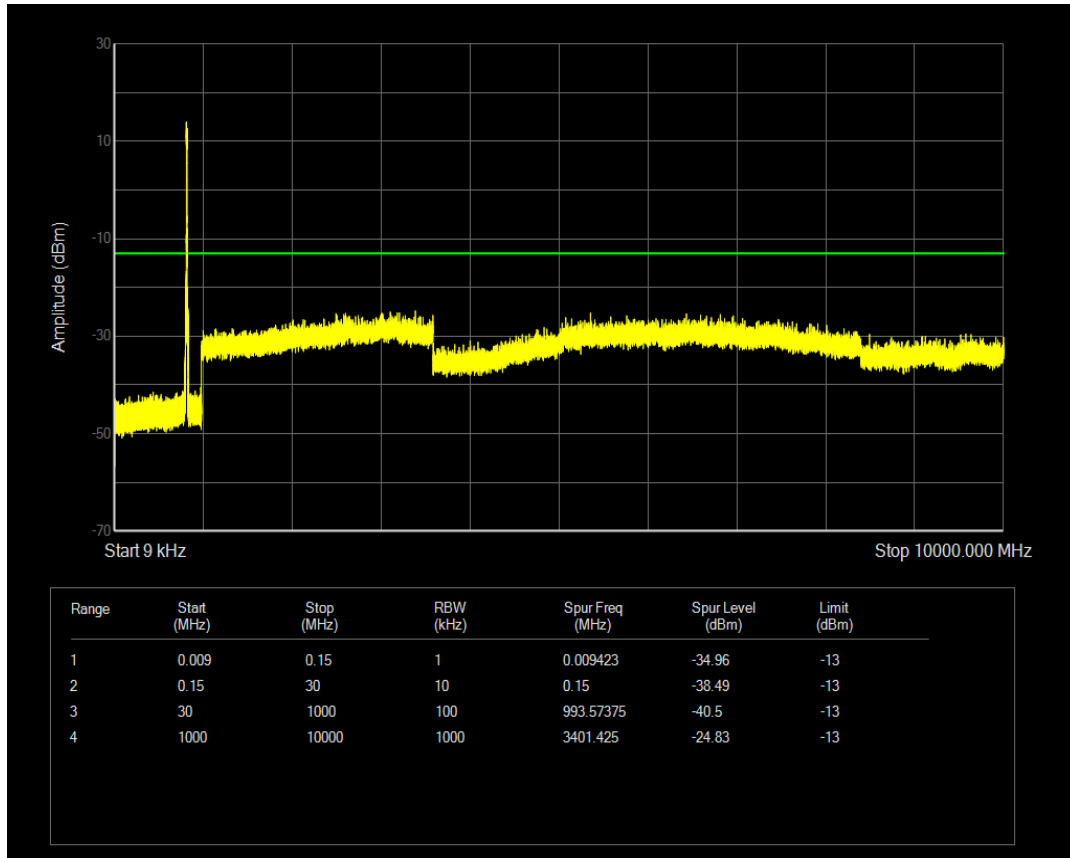
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



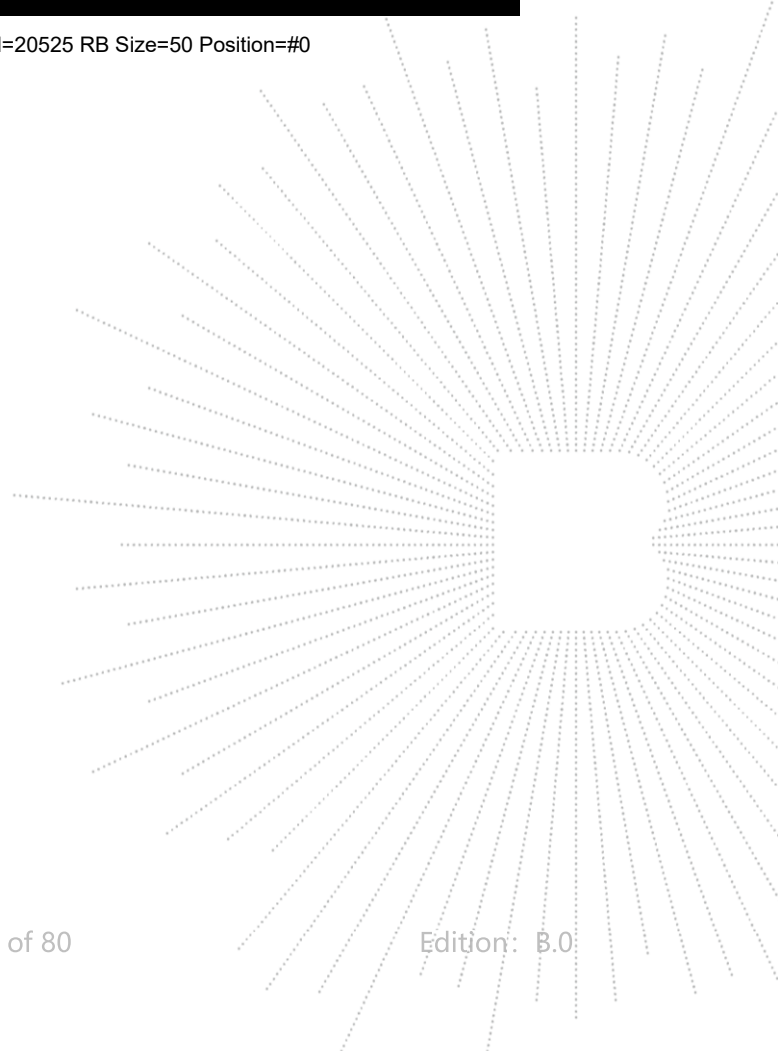
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0

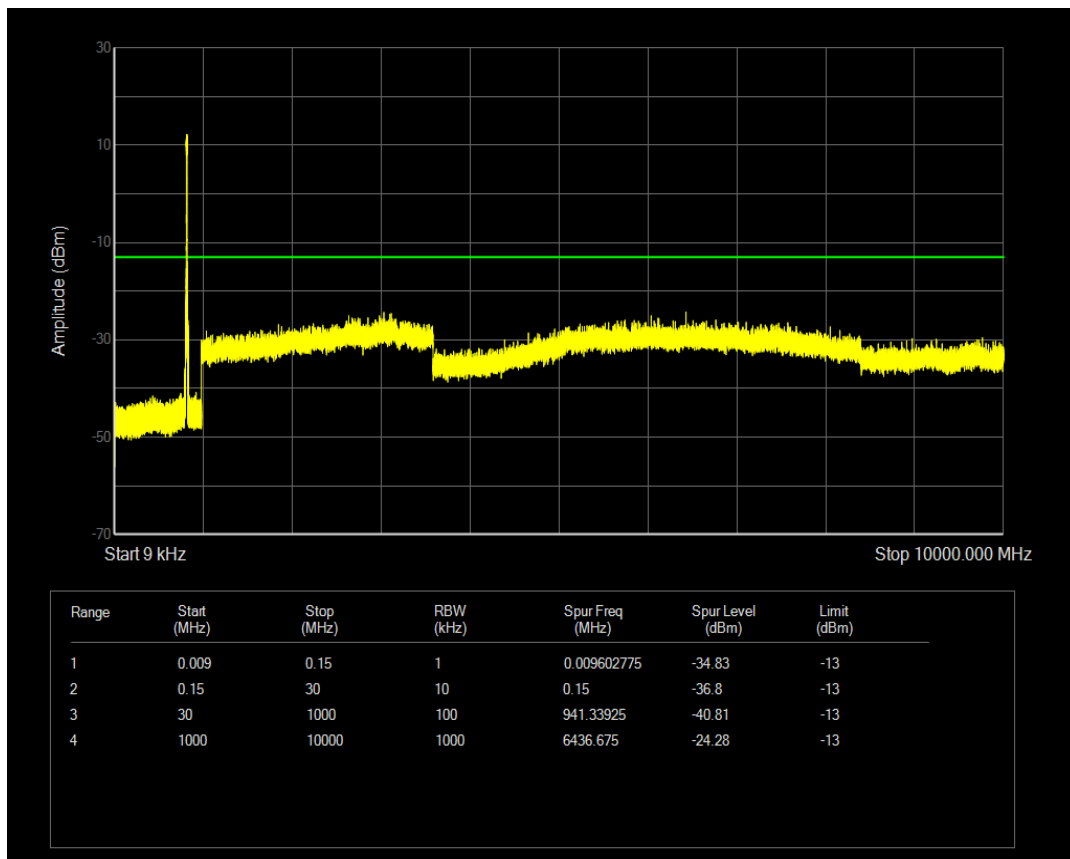


Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0

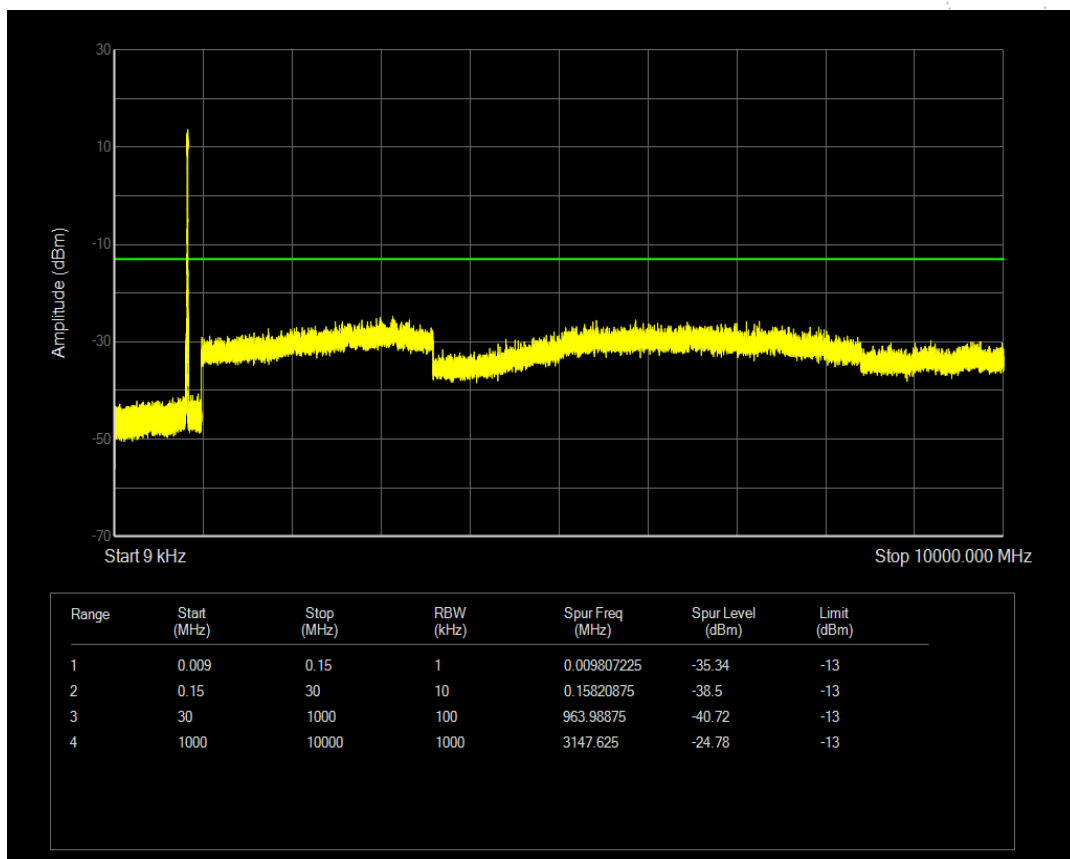


Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0





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



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

