

Appendix for Band 5

Report No.: BCTC2304875804-6E

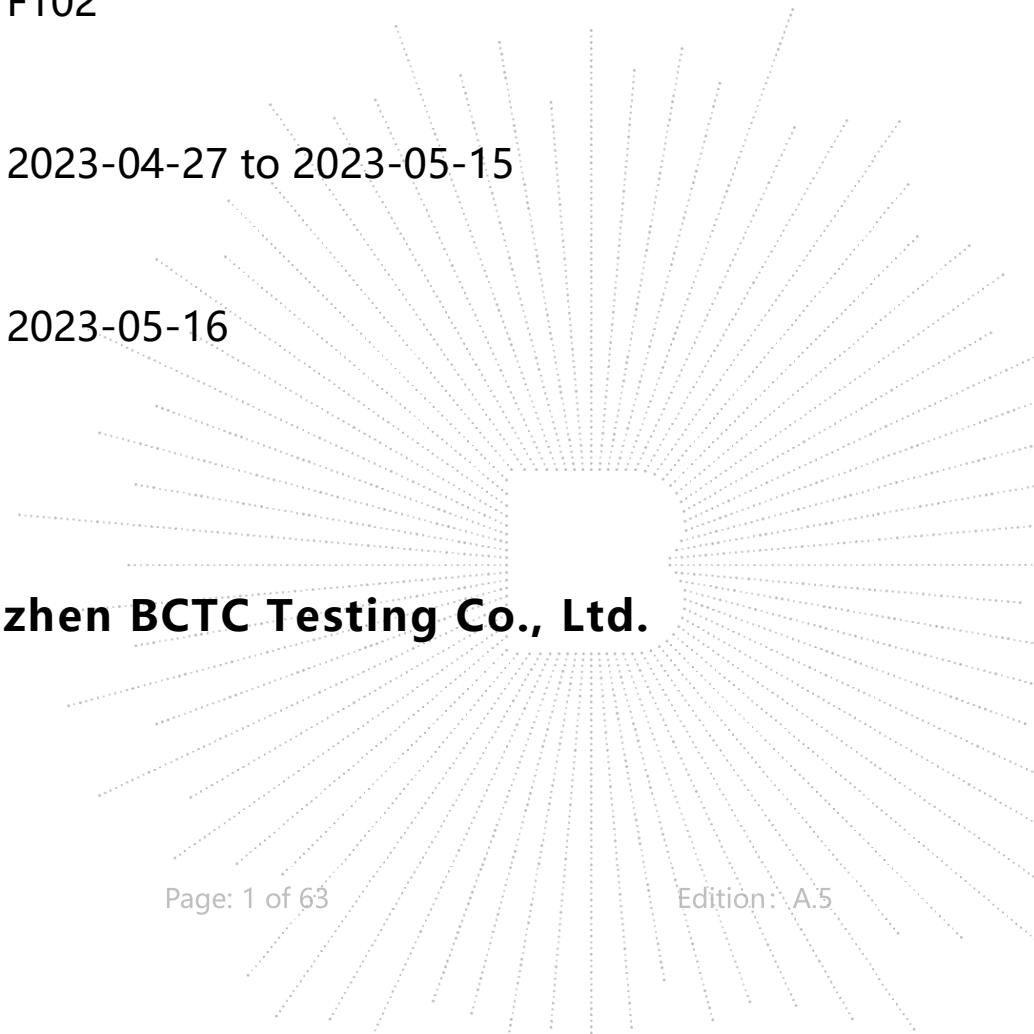
Applicant: Shenzhen Qichang Intelligent Technology Co., Ltd

Product Name: smartphone

Model/Type
reference: F102

Tested Date: 2023-04-27 to 2023-05-15

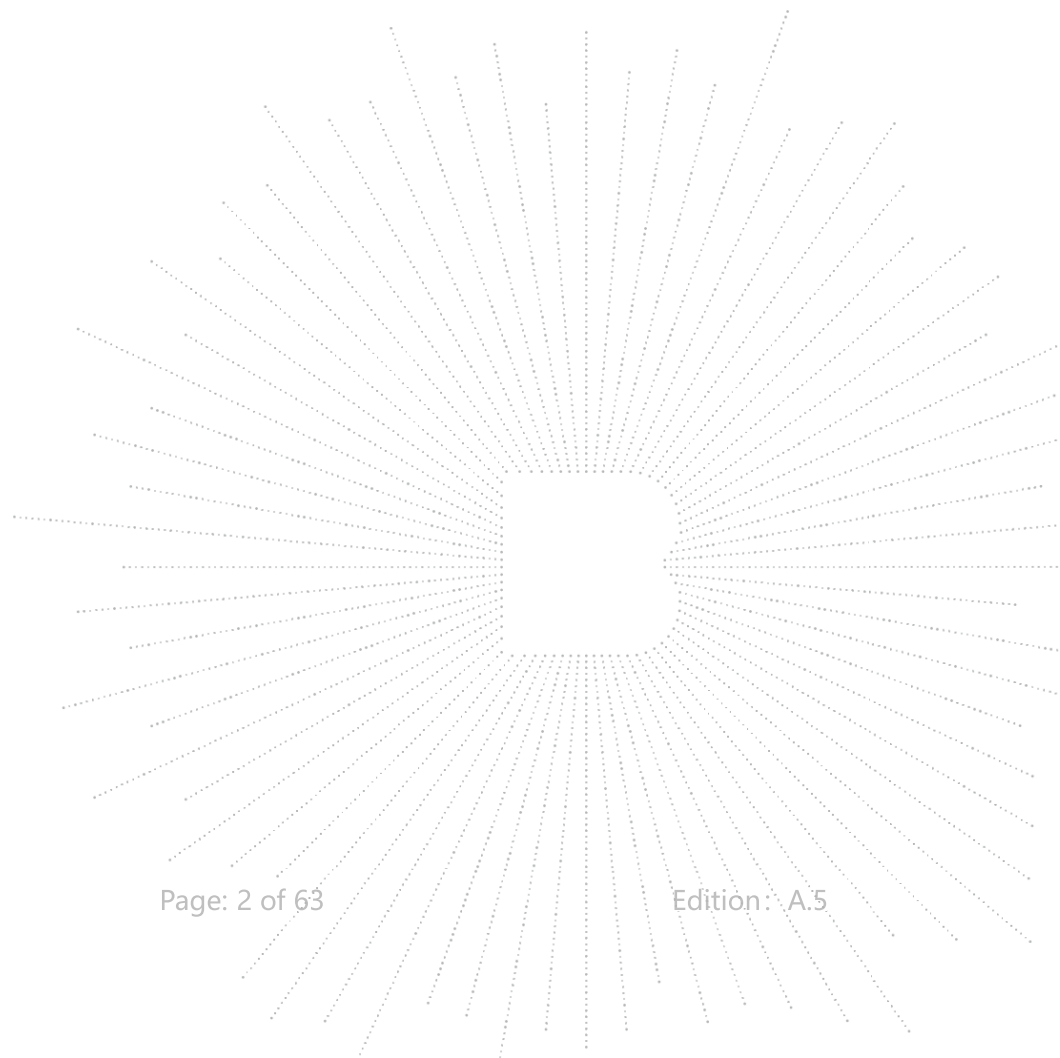
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Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	22.49	-1.5	18.84	PASS
Band5	1.4	20407	1	#Mid	QPSK	22.69	-1.5	19.04	PASS
Band5	1.4	20407	1	#Max	QPSK	22.58	-1.5	18.93	PASS
Band5	1.4	20407	3	#0	QPSK	22.68	-1.5	19.03	PASS
Band5	1.4	20407	3	#Mid	QPSK	22.73	-1.5	19.08	PASS
Band5	1.4	20407	3	#Max	QPSK	22.71	-1.5	19.06	PASS
Band5	1.4	20407	6	#0	QPSK	21.72	-1.5	18.07	PASS
Band5	1.4	20407	1	#0	16QAM	21.77	-1.5	18.12	PASS
Band5	1.4	20407	1	#Mid	16QAM	21.82	-1.5	18.17	PASS
Band5	1.4	20407	1	#Max	16QAM	21.83	-1.5	18.18	PASS
Band5	1.4	20407	3	#0	16QAM	21.86	-1.5	18.21	PASS
Band5	1.4	20407	3	#Mid	16QAM	21.93	-1.5	18.28	PASS
Band5	1.4	20407	3	#Max	16QAM	21.93	-1.5	18.28	PASS
Band5	1.4	20407	6	#0	16QAM	20.88	-1.5	17.23	PASS
Band5	1.4	20525	1	#0	QPSK	22.81	-1.5	19.16	PASS
Band5	1.4	20525	1	#Mid	QPSK	22.88	-1.5	19.23	PASS
Band5	1.4	20525	1	#Max	QPSK	22.76	-1.5	19.11	PASS
Band5	1.4	20525	3	#0	QPSK	22.89	-1.5	19.24	PASS
Band5	1.4	20525	3	#Mid	QPSK	22.93	-1.5	19.28	PASS
Band5	1.4	20525	3	#Max	QPSK	22.85	-1.5	19.20	PASS
Band5	1.4	20525	6	#0	QPSK	21.96	-1.5	18.31	PASS
Band5	1.4	20525	1	#0	16QAM	21.69	-1.5	18.04	PASS
Band5	1.4	20525	1	#Mid	16QAM	21.72	-1.5	18.07	PASS
Band5	1.4	20525	1	#Max	16QAM	21.70	-1.5	18.05	PASS
Band5	1.4	20525	3	#0	16QAM	22.02	-1.5	18.37	PASS
Band5	1.4	20525	3	#Mid	16QAM	22.04	-1.5	18.39	PASS
Band5	1.4	20525	3	#Max	16QAM	22.02	-1.5	18.37	PASS
Band5	1.4	20525	6	#0	16QAM	21.14	-1.5	17.49	PASS
Band5	1.4	20643	1	#0	QPSK	22.69	-1.5	19.04	PASS
Band5	1.4	20643	1	#Mid	QPSK	22.81	-1.5	19.16	PASS
Band5	1.4	20643	1	#Max	QPSK	22.65	-1.5	19.00	PASS
Band5	1.4	20643	3	#0	QPSK	22.68	-1.5	19.03	PASS
Band5	1.4	20643	3	#Mid	QPSK	22.72	-1.5	19.07	PASS
Band5	1.4	20643	3	#Max	QPSK	22.70	-1.5	19.05	PASS
Band5	1.4	20643	6	#0	QPSK	21.77	-1.5	18.12	PASS
Band5	1.4	20643	1	#0	16QAM	21.72	-1.5	18.07	PASS
Band5	1.4	20643	1	#Mid	16QAM	21.84	-1.5	18.19	PASS
Band5	1.4	20643	1	#Max	16QAM	21.78	-1.5	18.13	PASS

Band5	1.4	20643	3	#0	16QAM	21.89	-1.5	18.24	PASS
Band5	1.4	20643	3	#Mid	16QAM	21.96	-1.5	18.31	PASS
Band5	1.4	20643	3	#Max	16QAM	21.91	-1.5	18.26	PASS
Band5	1.4	20643	6	#0	16QAM	20.95	-1.5	17.30	PASS
Band5	3	20415	1	#0	QPSK	22.33	-1.5	18.68	PASS
Band5	3	20415	1	#Mid	QPSK	22.54	-1.5	18.89	PASS
Band5	3	20415	1	#Max	QPSK	22.48	-1.5	18.83	PASS
Band5	3	20415	8	#0	QPSK	21.62	-1.5	17.97	PASS
Band5	3	20415	8	#Mid	QPSK	21.69	-1.5	18.04	PASS
Band5	3	20415	8	#Max	QPSK	21.74	-1.5	18.09	PASS
Band5	3	20415	15	#0	QPSK	21.64	-1.5	17.99	PASS
Band5	3	20415	1	#0	16QAM	21.77	-1.5	18.12	PASS
Band5	3	20415	1	#Mid	16QAM	21.95	-1.5	18.30	PASS
Band5	3	20415	1	#Max	16QAM	21.82	-1.5	18.17	PASS
Band5	3	20415	8	#0	16QAM	20.65	-1.5	17.00	PASS
Band5	3	20415	8	#Mid	16QAM	20.74	-1.5	17.09	PASS
Band5	3	20415	8	#Max	16QAM	20.75	-1.5	17.10	PASS
Band5	3	20415	15	#0	16QAM	20.66	-1.5	17.01	PASS
Band5	3	20525	1	#0	QPSK	22.63	-1.5	18.98	PASS
Band5	3	20525	1	#Mid	QPSK	22.72	-1.5	19.07	PASS
Band5	3	20525	1	#Max	QPSK	22.65	-1.5	19.00	PASS
Band5	3	20525	8	#0	QPSK	21.85	-1.5	18.20	PASS
Band5	3	20525	8	#Mid	QPSK	21.90	-1.5	18.25	PASS
Band5	3	20525	8	#Max	QPSK	21.91	-1.5	18.26	PASS
Band5	3	20525	15	#0	QPSK	21.93	-1.5	18.28	PASS
Band5	3	20525	1	#0	16QAM	21.88	-1.5	18.23	PASS
Band5	3	20525	1	#Mid	16QAM	21.95	-1.5	18.30	PASS
Band5	3	20525	1	#Max	16QAM	21.86	-1.5	18.21	PASS
Band5	3	20525	8	#0	16QAM	20.83	-1.5	17.18	PASS
Band5	3	20525	8	#Mid	16QAM	20.94	-1.5	17.29	PASS
Band5	3	20525	8	#Max	16QAM	20.89	-1.5	17.24	PASS
Band5	3	20525	15	#0	16QAM	20.85	-1.5	17.20	PASS
Band5	3	20635	1	#0	QPSK	22.55	-1.5	18.90	PASS
Band5	3	20635	1	#Mid	QPSK	22.70	-1.5	19.05	PASS
Band5	3	20635	1	#Max	QPSK	22.55	-1.5	18.90	PASS
Band5	3	20635	8	#0	QPSK	21.64	-1.5	17.99	PASS
Band5	3	20635	8	#Mid	QPSK	21.76	-1.5	18.11	PASS
Band5	3	20635	8	#Max	QPSK	21.64	-1.5	17.99	PASS
Band5	3	20635	15	#0	QPSK	21.72	-1.5	18.07	PASS
Band5	3	20635	1	#0	16QAM	21.35	-1.5	17.70	PASS
Band5	3	20635	1	#Mid	16QAM	21.43	-1.5	17.78	PASS
Band5	3	20635	1	#Max	16QAM	21.35	-1.5	17.70	PASS
Band5	3	20635	8	#0	16QAM	20.62	-1.5	16.97	PASS

Band5	3	20635	8	#Mid	16QAM	20.74	-1.5	17.09	PASS
Band5	3	20635	8	#Max	16QAM	20.69	-1.5	17.04	PASS
Band5	3	20635	15	#0	16QAM	20.79	-1.5	17.14	PASS
Band5	5	20425	1	#0	QPSK	22.57	-1.5	18.92	PASS
Band5	5	20425	1	#Mid	QPSK	22.77	-1.5	19.12	PASS
Band5	5	20425	1	#Max	QPSK	22.78	-1.5	19.13	PASS
Band5	5	20425	12	#0	QPSK	21.72	-1.5	18.07	PASS
Band5	5	20425	12	#Mid	QPSK	21.83	-1.5	18.18	PASS
Band5	5	20425	12	#Max	QPSK	21.83	-1.5	18.18	PASS
Band5	5	20425	25	#0	QPSK	21.78	-1.5	18.13	PASS
Band5	5	20425	1	#0	16QAM	21.89	-1.5	18.24	PASS
Band5	5	20425	1	#Mid	16QAM	22.06	-1.5	18.41	PASS
Band5	5	20425	1	#Max	16QAM	22.09	-1.5	18.44	PASS
Band5	5	20425	12	#0	16QAM	20.71	-1.5	17.06	PASS
Band5	5	20425	12	#Mid	16QAM	20.89	-1.5	17.24	PASS
Band5	5	20425	12	#Max	16QAM	20.86	-1.5	17.21	PASS
Band5	5	20425	25	#0	16QAM	20.76	-1.5	17.11	PASS
Band5	5	20525	1	#0	QPSK	22.89	-1.5	19.24	PASS
Band5	5	20525	1	#Mid	QPSK	22.95	-1.5	19.30	PASS
Band5	5	20525	1	#Max	QPSK	22.89	-1.5	19.24	PASS
Band5	5	20525	12	#0	QPSK	21.88	-1.5	18.23	PASS
Band5	5	20525	12	#Mid	QPSK	22.06	-1.5	18.41	PASS
Band5	5	20525	12	#Max	QPSK	21.99	-1.5	18.34	PASS
Band5	5	20525	25	#0	QPSK	22.00	-1.5	18.35	PASS
Band5	5	20525	1	#0	16QAM	22.44	-1.5	18.79	PASS
Band5	5	20525	1	#Mid	16QAM	22.53	-1.5	18.88	PASS
Band5	5	20525	1	#Max	16QAM	22.42	-1.5	18.77	PASS
Band5	5	20525	12	#0	16QAM	20.88	-1.5	17.23	PASS
Band5	5	20525	12	#Mid	16QAM	21.04	-1.5	17.39	PASS
Band5	5	20525	12	#Max	16QAM	20.97	-1.5	17.32	PASS
Band5	5	20525	25	#0	16QAM	20.97	-1.5	17.32	PASS
Band5	5	20625	1	#0	QPSK	22.74	-1.5	19.09	PASS
Band5	5	20625	1	#Mid	QPSK	22.84	-1.5	19.19	PASS
Band5	5	20625	1	#Max	QPSK	22.71	-1.5	19.06	PASS
Band5	5	20625	12	#0	QPSK	21.80	-1.5	18.15	PASS
Band5	5	20625	12	#Mid	QPSK	21.82	-1.5	18.17	PASS
Band5	5	20625	12	#Max	QPSK	21.74	-1.5	18.09	PASS
Band5	5	20625	25	#0	QPSK	21.76	-1.5	18.11	PASS
Band5	5	20625	1	#0	16QAM	22.02	-1.5	18.37	PASS
Band5	5	20625	1	#Mid	16QAM	22.15	-1.5	18.50	PASS
Band5	5	20625	1	#Max	16QAM	22.03	-1.5	18.38	PASS
Band5	5	20625	12	#0	16QAM	20.77	-1.5	17.12	PASS
Band5	5	20625	12	#Mid	16QAM	20.79	-1.5	17.14	PASS

Band5	5	20625	12	#Max	16QAM	20.75	-1.5	17.10	PASS
Band5	5	20625	25	#0	16QAM	20.82	-1.5	17.17	PASS
Band5	10	20450	1	#0	QPSK	22.68	-1.5	19.03	PASS
Band5	10	20450	1	#Mid	QPSK	22.93	-1.5	19.28	PASS
Band5	10	20450	1	#Max	QPSK	22.97	-1.5	19.32	PASS
Band5	10	20450	25	#0	QPSK	21.68	-1.5	18.03	PASS
Band5	10	20450	25	#Mid	QPSK	21.93	-1.5	18.28	PASS
Band5	10	20450	25	#Max	QPSK	21.95	-1.5	18.30	PASS
Band5	10	20450	50	#0	QPSK	21.86	-1.5	18.21	PASS
Band5	10	20450	1	#0	16QAM	22.04	-1.5	18.39	PASS
Band5	10	20450	1	#Mid	16QAM	22.30	-1.5	18.65	PASS
Band5	10	20450	1	#Max	16QAM	22.39	-1.5	18.74	PASS
Band5	10	20450	25	#0	16QAM	20.82	-1.5	17.17	PASS
Band5	10	20450	25	#Mid	16QAM	20.98	-1.5	17.33	PASS
Band5	10	20450	25	#Max	16QAM	20.99	-1.5	17.34	PASS
Band5	10	20450	50	#0	16QAM	20.81	-1.5	17.16	PASS
Band5	10	20525	1	#0	QPSK	22.92	-1.5	19.27	PASS
Band5	10	20525	1	#Mid	QPSK	23.00	-1.5	19.35	PASS
Band5	10	20525	1	#Max	QPSK	22.98	-1.5	19.33	PASS
Band5	10	20525	25	#0	QPSK	21.90	-1.5	18.25	PASS
Band5	10	20525	25	#Mid	QPSK	22.01	-1.5	18.36	PASS
Band5	10	20525	25	#Max	QPSK	21.99	-1.5	18.34	PASS
Band5	10	20525	50	#0	QPSK	21.97	-1.5	18.32	PASS
Band5	10	20525	1	#0	16QAM	22.08	-1.5	18.43	PASS
Band5	10	20525	1	#Mid	16QAM	22.19	-1.5	18.54	PASS
Band5	10	20525	1	#Max	16QAM	22.17	-1.5	18.52	PASS
Band5	10	20525	25	#0	16QAM	20.95	-1.5	17.30	PASS
Band5	10	20525	25	#Mid	16QAM	21.06	-1.5	17.41	PASS
Band5	10	20525	25	#Max	16QAM	21.01	-1.5	17.36	PASS
Band5	10	20525	50	#0	16QAM	21.01	-1.5	17.36	PASS
Band5	10	20600	1	#0	QPSK	22.96	-1.5	19.31	PASS
Band5	10	20600	1	#Mid	QPSK	22.96	-1.5	19.31	PASS
Band5	10	20600	1	#Max	QPSK	22.84	-1.5	19.19	PASS
Band5	10	20600	25	#0	QPSK	21.78	-1.5	18.13	PASS
Band5	10	20600	25	#Mid	QPSK	21.88	-1.5	18.23	PASS
Band5	10	20600	25	#Max	QPSK	21.73	-1.5	18.08	PASS
Band5	10	20600	50	#0	QPSK	21.83	-1.5	18.18	PASS
Band5	10	20600	1	#0	16QAM	21.76	-1.5	18.11	PASS
Band5	10	20600	1	#Mid	16QAM	21.71	-1.5	18.06	PASS
Band5	10	20600	1	#Max	16QAM	21.68	-1.5	18.03	PASS
Band5	10	20600	25	#0	16QAM	20.85	-1.5	17.20	PASS
Band5	10	20600	25	#Mid	16QAM	20.90	-1.5	17.25	PASS
Band5	10	20600	25	#Max	16QAM	20.75	-1.5	17.10	PASS

Band5	10	20600	50	#0	16QAM	20.75	-1.5	17.10	PASS
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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	-0.64	-0.001	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	NT	-2.46	-0.003	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	HV	NT	-2.33	-0.003	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	LV	NT	-0.29	0.000	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	NT	-0.67	-0.001	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	HV	NT	-1.32	-0.002	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	LV	NT	0.11	0.000	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	NT	0.00	0.000	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	HV	NT	0.74	0.001	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	LV	NT	-2.32	-0.003	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	NT	-2.65	-0.003	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	HV	NT	-2.57	-0.003	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	LV	NT	-1.29	-0.002	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	NT	-1.03	-0.001	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	HV	NT	-0.60	-0.001	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	LV	NT	-3.15	-0.004	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	NT	-3.19	-0.004	-2.5	2.5	PASS

Band 5	1.4	20643	6	#0	16QAM	HV	NT	-3.62	-0.00 4	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	LV	NT	-0.43	-0.00 1	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	NT	-1.63	-0.00 2	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	HV	NT	-4.43	-0.00 5	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	LV	NT	-4.25	-0.00 5	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	NT	-3.76	-0.00 5	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	HV	NT	-2.56	-0.00 3	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	LV	NT	-1.82	-0.00 2	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	NT	-0.14	0.000	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	HV	NT	-4.22	-0.00 5	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	LV	NT	-4.23	-0.00 5	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	NT	-6.37	-0.00 8	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	HV	NT	-6.25	-0.00 7	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	LV	NT	3.28	0.004	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	NT	0.19	0.000	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	HV	NT	-0.70	-0.00 1	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	LV	NT	-4.22	-0.00 5	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	NT	-5.16	-0.00 6	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	HV	NT	-3.88	-0.00 5	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	LV	NT	-0.57	-0.00 1	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	NT	-2.29	-0.00 3	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	HV	NT	-2.00	-0.00	-2.5	2.5	PASS

5									2			
Band 5	5	20425	25	#0	16QAM	LV	NT	3.73	0.005	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	NT	-0.76	-0.001	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	HV	NT	-0.03	0.000	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	LV	NT	-3.86	-0.005	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	NT	-4.66	-0.006	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	HV	NT	-2.06	-0.002	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	LV	NT	-4.33	-0.005	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	NT	-3.06	-0.004	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	HV	NT	-3.73	-0.004	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	LV	NT	-3.39	-0.004	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	NT	-2.63	-0.003	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	HV	NT	-0.79	-0.001	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	LV	NT	-3.91	-0.005	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	NT	-1.99	-0.002	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	HV	NT	-3.02	-0.004	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	LV	NT	-5.24	-0.006	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	NT	-3.88	-0.005	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	HV	NT	-1.87	-0.002	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	LV	NT	-4.09	-0.005	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	NT	-1.17	-0.001	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	HV	NT	-3.35	-0.004	-2.5	2.5	PASS

Band 5	10	20525	50	#0	QPSK	LV	NT	-2.16	-0.003	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	NT	-4.68	-0.006	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	HV	NT	-6.27	-0.007	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	LV	NT	-4.89	-0.006	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	NT	-3.91	-0.005	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	HV	NT	-6.27	-0.007	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	LV	NT	-4.66	-0.006	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	NT	-4.56	-0.005	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	HV	NT	-1.67	-0.002	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	LV	NT	-1.36	-0.002	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	NT	-0.07	0.000	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	HV	NT	-0.62	-0.001	-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	-6.12	-0.007	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	-20	-3.03	-0.004	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	0	-4.79	-0.006	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	10	-1.66	-0.002	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	QPSK	NV	20	-1.40	-0.002	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	-30	-0.83	-0.001	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	-20	-2.43	-0.003	-2.5	2.5	PASS

Band 5	1.4	20407	6	#0	16QAM	NV	0	-3.81	-0.005	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	10	-2.95	-0.004	-2.5	2.5	PASS
Band 5	1.4	20407	6	#0	16QAM	NV	20	-3.56	-0.004	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	-30	-2.03	-0.002	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	-20	-1.19	-0.001	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	0	-1.02	-0.001	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	10	-0.67	-0.001	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	QPSK	NV	20	-1.06	-0.001	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	-30	-2.85	-0.003	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	-20	-2.29	-0.003	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	0	-1.53	-0.002	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	10	2.13	0.003	-2.5	2.5	PASS
Band 5	1.4	20525	6	#0	16QAM	NV	20	-2.03	-0.002	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	-30	-2.10	-0.002	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	-20	-2.53	-0.003	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	0	-1.95	-0.002	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	10	-2.23	-0.003	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	QPSK	NV	20	-2.73	-0.003	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	-30	1.00	0.001	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	-20	1.07	0.001	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	0	0.69	0.001	-2.5	2.5	PASS
Band 5	1.4	20643	6	#0	16QAM	NV	10	0.63	0.001	-2.5	2.5	PASS

5												
Band 5	1.4	20643	6	#0	16QAM	NV	20	-1.97	-0.00 2	-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	-2.03	-0.00 2	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	0	-2.79	-0.00 3	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	10	-2.93	-0.00 4	-2.5	2.5	PASS
Band 5	3	20415	15	#0	QPSK	NV	20	-3.95	-0.00 5	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	-30	-5.04	-0.00 6	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	-20	-6.21	-0.00 8	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	0	-3.85	-0.00 5	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	10	-3.09	-0.00 4	-2.5	2.5	PASS
Band 5	3	20415	15	#0	16QAM	NV	20	-3.13	-0.00 4	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	-30	-2.47	-0.00 3	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	-20	-3.38	-0.00 4	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	0	-2.66	-0.00 3	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	10	-3.66	-0.00 4	-2.5	2.5	PASS
Band 5	3	20525	15	#0	QPSK	NV	20	-2.35	-0.00 3	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	-30	-3.78	-0.00 5	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	-20	-3.46	-0.00 4	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	0	-3.50	-0.00 4	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	10	-3.06	-0.00 4	-2.5	2.5	PASS
Band 5	3	20525	15	#0	16QAM	NV	20	-2.98	-0.00 4	-2.5	2.5	PASS

Band 5	3	20635	15	#0	QPSK	NV	-30	-1.73	-0.00 2	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	-20	-1.20	-0.00 1	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	0	-2.72	-0.00 3	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	10	-1.24	-0.00 1	-2.5	2.5	PASS
Band 5	3	20635	15	#0	QPSK	NV	20	-2.32	-0.00 3	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	-30	-4.86	-0.00 6	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	-20	-4.39	-0.00 5	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	0	-4.23	-0.00 5	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	10	-3.59	-0.00 4	-2.5	2.5	PASS
Band 5	3	20635	15	#0	16QAM	NV	20	-3.25	-0.00 4	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	-30	-3.43	-0.00 4	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	-20	-3.00	-0.00 4	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	0	0.59	0.001	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	10	-2.52	-0.00 3	-2.5	2.5	PASS
Band 5	5	20425	25	#0	QPSK	NV	20	-0.93	-0.00 1	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	-30	-3.18	-0.00 4	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	-20	-3.92	-0.00 5	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	0	-3.22	-0.00 4	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	10	-3.02	-0.00 4	-2.5	2.5	PASS
Band 5	5	20425	25	#0	16QAM	NV	20	-3.76	-0.00 5	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	-30	-3.15	-0.00 4	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	-20	-2.62	-0.00	-2.5	2.5	PASS

5									3			
Band 5	5	20525	25	#0	QPSK	NV	0	-3.05	-0.004	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	10	-3.29	-0.004	-2.5	2.5	PASS
Band 5	5	20525	25	#0	QPSK	NV	20	-2.83	-0.003	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	-30	-1.57	-0.002	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	-20	-4.21	-0.005	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	0	-4.15	-0.005	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	10	-2.79	-0.003	-2.5	2.5	PASS
Band 5	5	20525	25	#0	16QAM	NV	20	-2.60	-0.003	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	-30	-3.56	-0.004	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	-20	-3.03	-0.004	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	0	-3.36	-0.004	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	10	-4.06	-0.005	-2.5	2.5	PASS
Band 5	5	20625	25	#0	QPSK	NV	20	-4.15	-0.005	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	-30	-4.88	-0.006	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	-20	-3.85	-0.005	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	0	0.17	0.000	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	10	-3.71	-0.004	-2.5	2.5	PASS
Band 5	5	20625	25	#0	16QAM	NV	20	-3.33	-0.004	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	-30	-5.46	-0.007	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	-20	-4.76	-0.006	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	0	-2.50	-0.003	-2.5	2.5	PASS

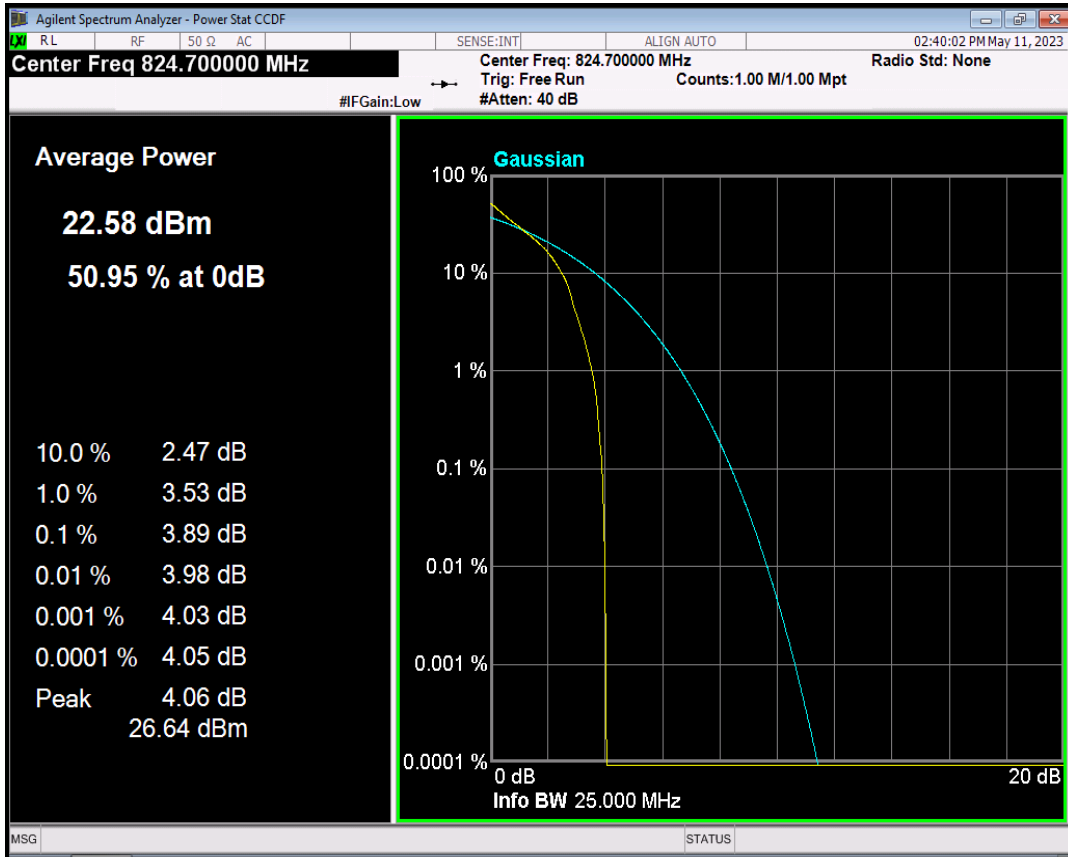
Band 5	10	20450	50	#0	QPSK	NV	10	-4.43	-0.005	-2.5	2.5	PASS
Band 5	10	20450	50	#0	QPSK	NV	20	-3.26	-0.004	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	-30	-1.90	-0.002	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	-20	-3.12	-0.004	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	0	-3.82	-0.005	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	10	-3.13	-0.004	-2.5	2.5	PASS
Band 5	10	20450	50	#0	16QAM	NV	20	-4.09	-0.005	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	-30	-6.18	-0.007	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	-20	-2.25	-0.003	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	0	-2.95	-0.004	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	10	-3.10	-0.004	-2.5	2.5	PASS
Band 5	10	20525	50	#0	QPSK	NV	20	-2.37	-0.003	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	-30	-2.95	-0.004	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	-20	-3.69	-0.004	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	0	-4.23	-0.005	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	10	-3.69	-0.004	-2.5	2.5	PASS
Band 5	10	20525	50	#0	16QAM	NV	20	-3.95	-0.005	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	-30	-5.88	-0.007	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	-20	-1.86	-0.002	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	0	-3.16	-0.004	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	10	-2.07	-0.002	-2.5	2.5	PASS
Band 5	10	20600	50	#0	QPSK	NV	20	-2.92	-0.00	-2.5	2.5	PASS

5									3			
Band 5	10	20600	50	#0	16QAM	NV	-30	-3.09	-0.00	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	-20	-3.06	-0.00	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	0	-2.60	-0.00	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	10	-2.25	-0.00	-2.5	2.5	PASS
Band 5	10	20600	50	#0	16QAM	NV	20	-1.96	-0.00	-2.5	2.5	PASS

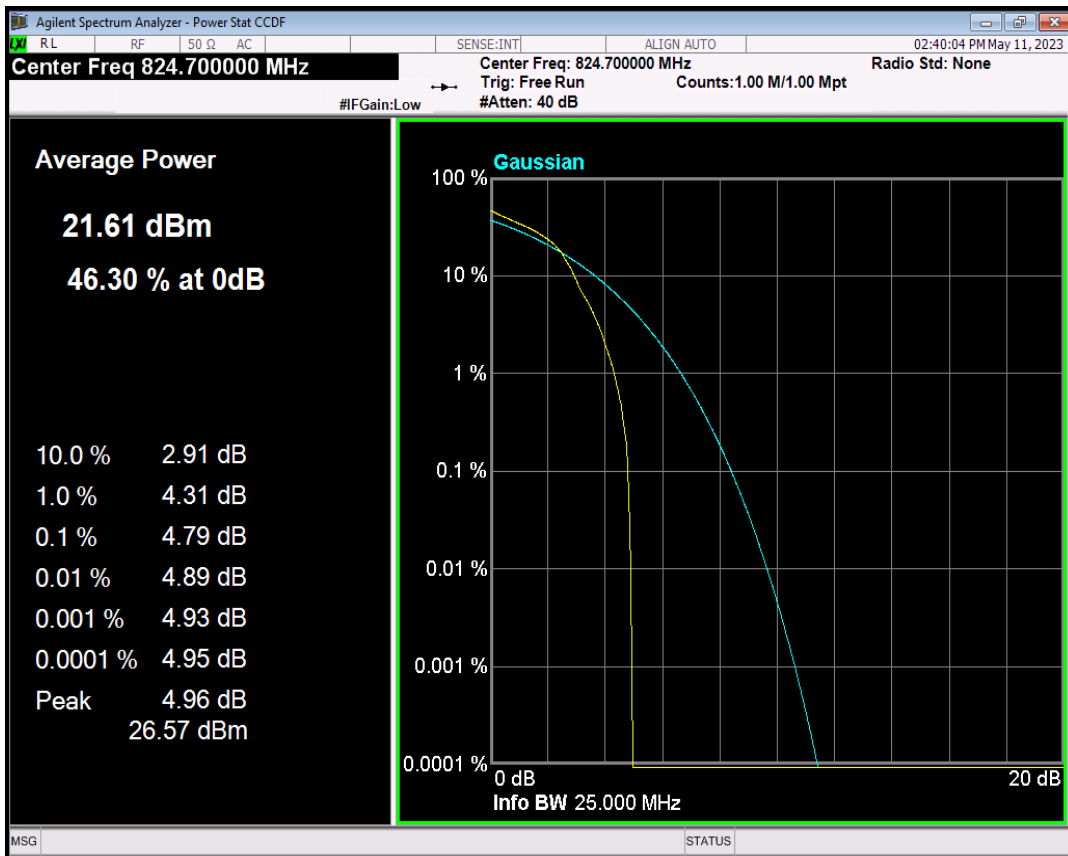
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	1.4	20407	1	#0	QPSK	3.89	13	PASS
Band5	1.4	20407	1	#0	16QAM	4.79	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.14	13	PASS
Band5	1.4	20525	1	#0	16QAM	6.06	13	PASS
Band5	1.4	20643	1	#0	QPSK	4.73	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.48	13	PASS
Band5	3	20415	1	#0	QPSK	3.89	13	PASS
Band5	3	20415	1	#0	16QAM	4.76	13	PASS
Band5	3	20525	1	#0	QPSK	4.96	13	PASS
Band5	3	20525	1	#0	16QAM	5.74	13	PASS
Band5	3	20635	1	#0	QPSK	4.21	13	PASS
Band5	3	20635	1	#0	16QAM	5.34	13	PASS
Band5	5	20425	1	#0	QPSK	3.94	13	PASS
Band5	5	20425	1	#0	16QAM	4.70	13	PASS
Band5	5	20525	1	#0	QPSK	4.52	13	PASS
Band5	5	20525	1	#0	16QAM	5.15	13	PASS
Band5	5	20625	1	#0	QPSK	3.51	13	PASS
Band5	5	20625	1	#0	16QAM	4.33	13	PASS
Band5	10	20450	1	#0	QPSK	3.86	13	PASS
Band5	10	20450	1	#0	16QAM	4.71	13	PASS
Band5	10	20525	1	#0	QPSK	4.46	13	PASS
Band5	10	20525	1	#0	16QAM	5.50	13	PASS
Band5	10	20600	1	#0	QPSK	5.42	13	PASS
Band5	10	20600	1	#0	16QAM	6.10	13	PASS

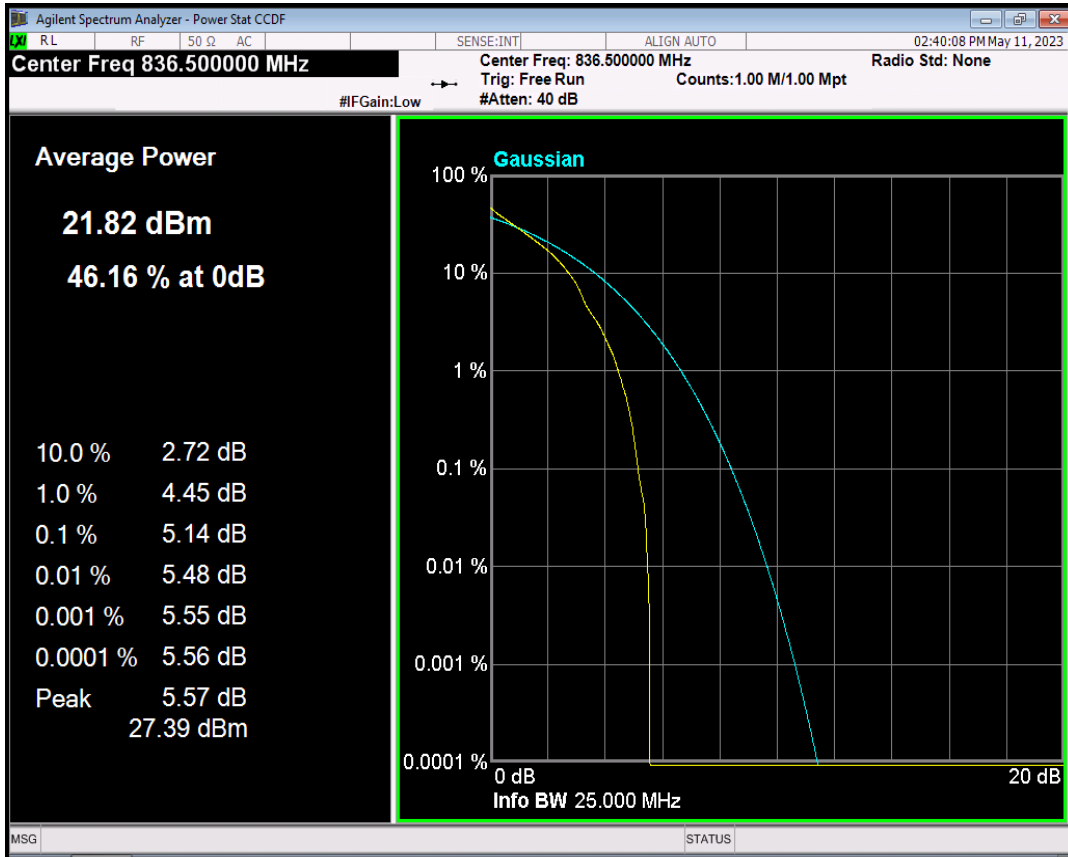
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



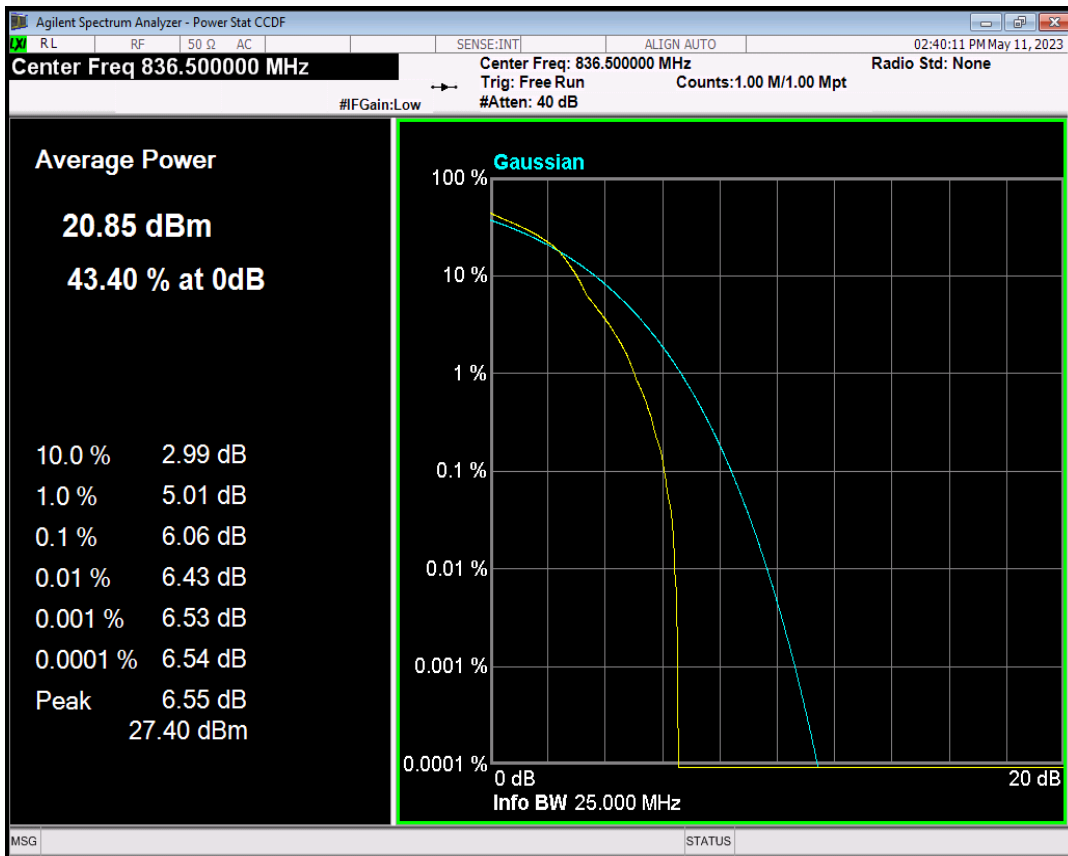
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



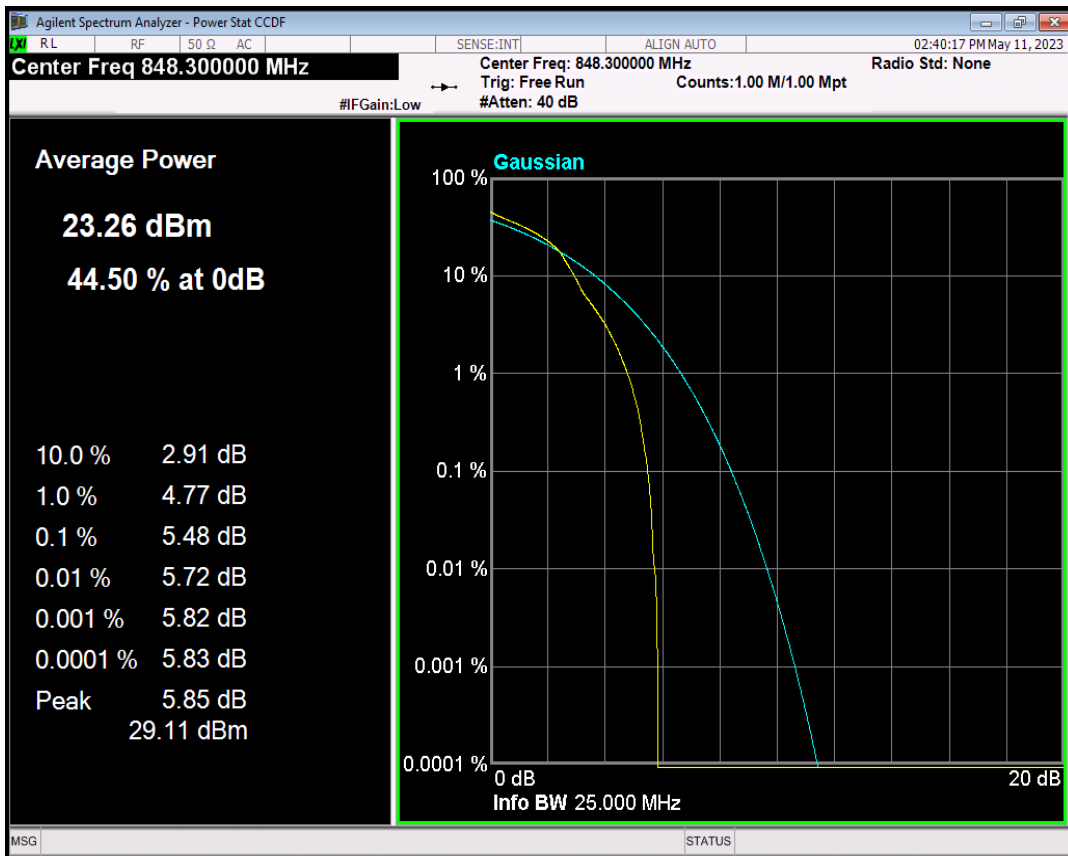
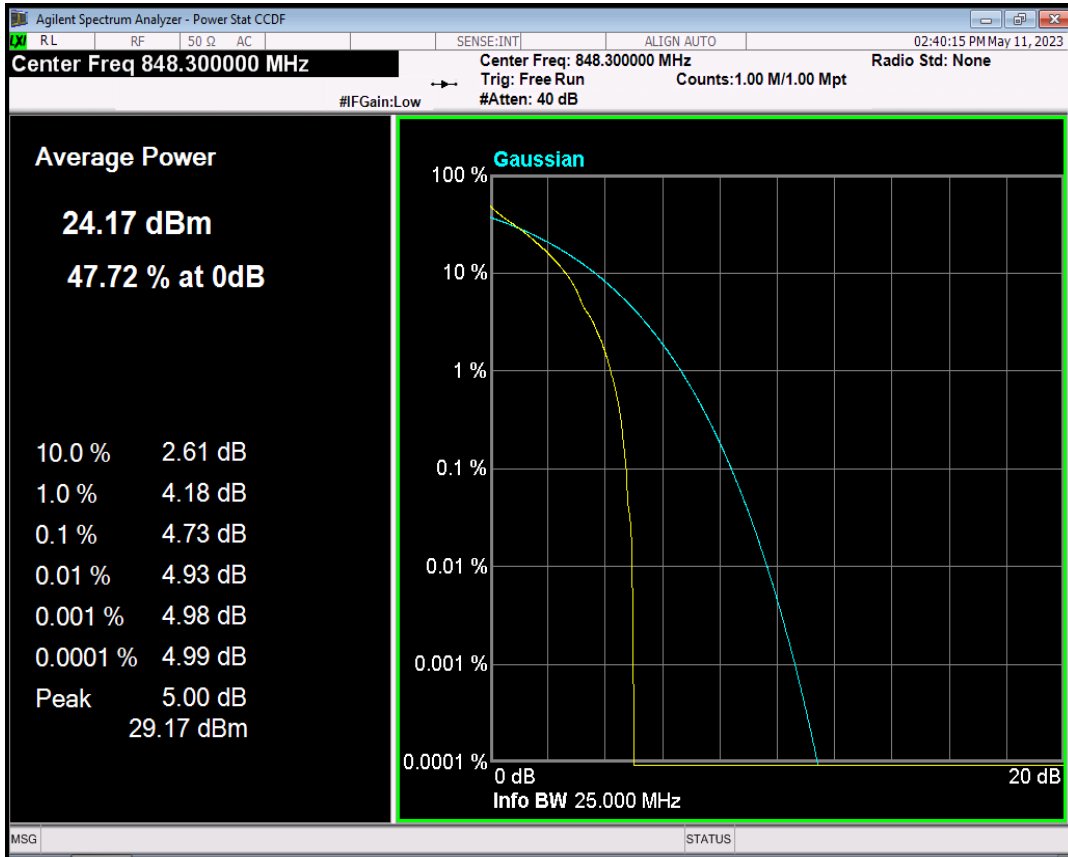
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0

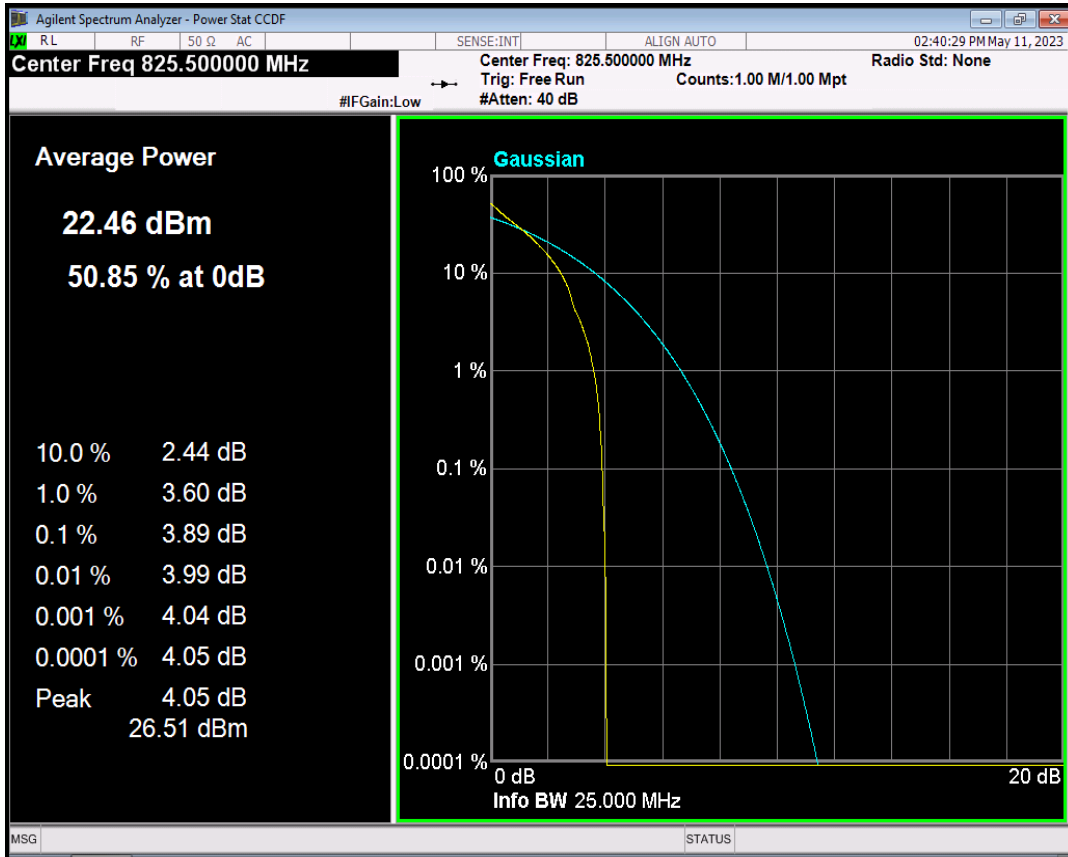


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0

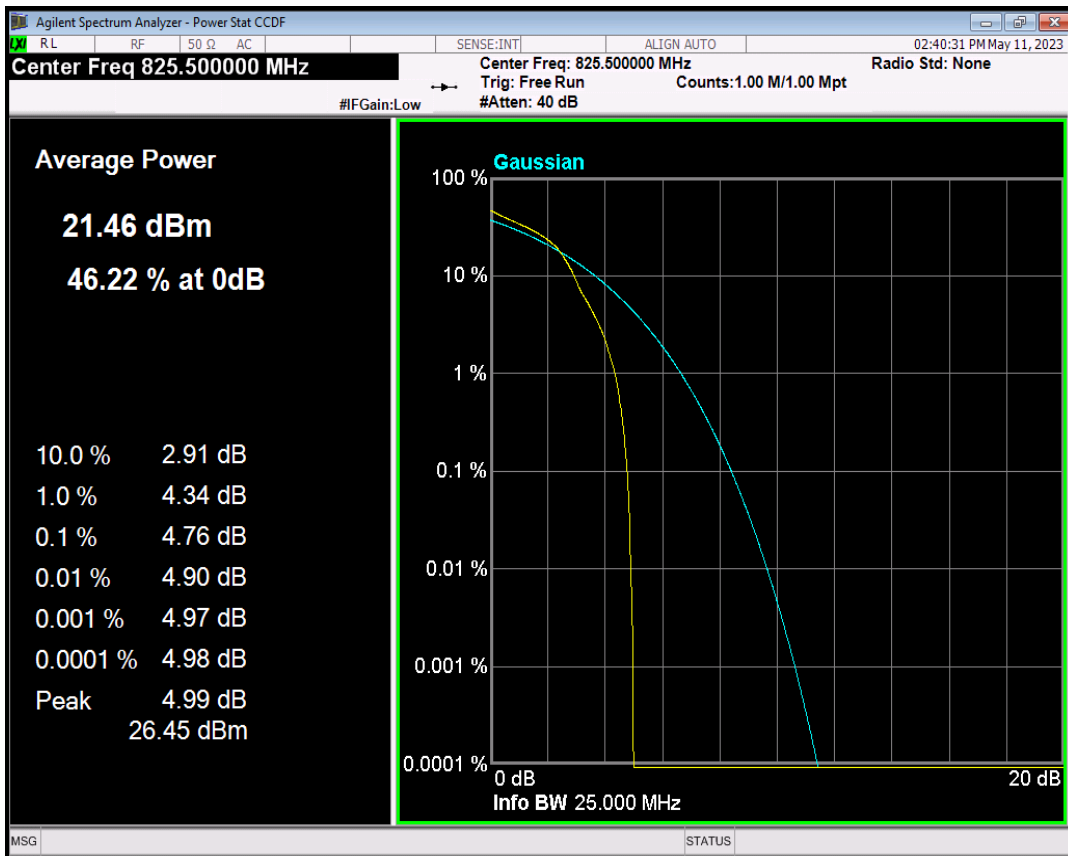


Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0

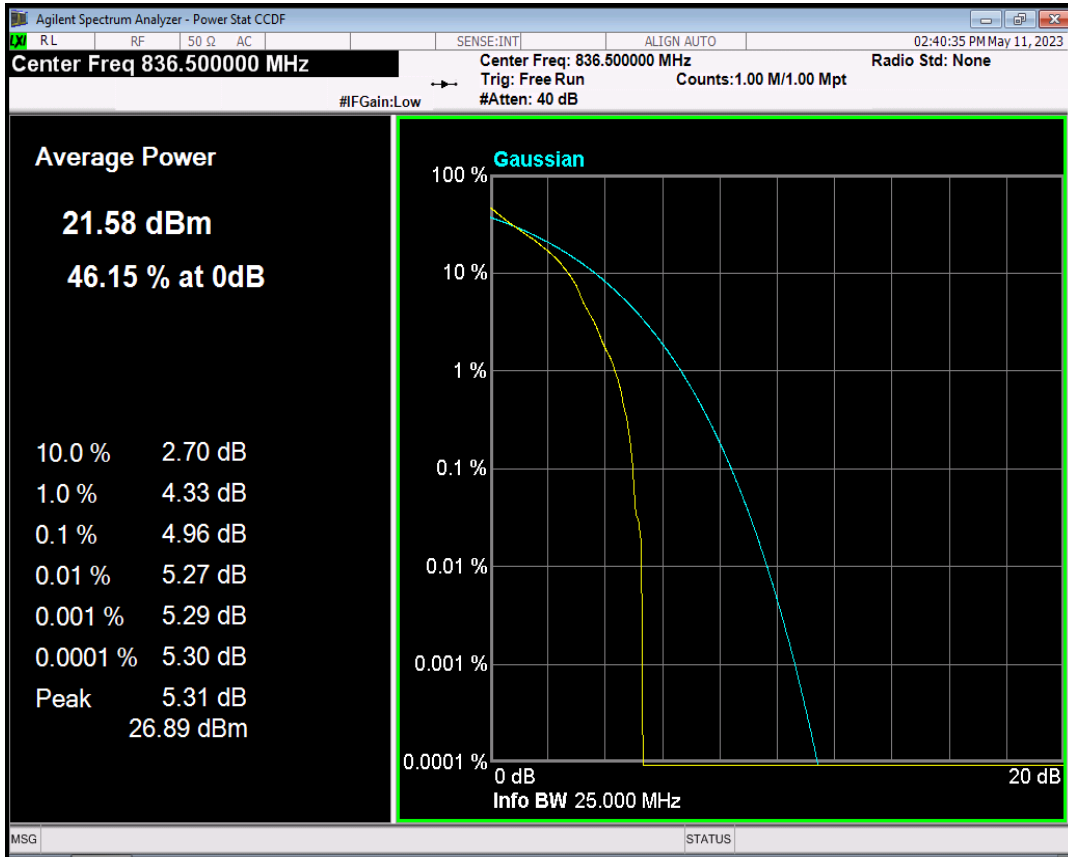




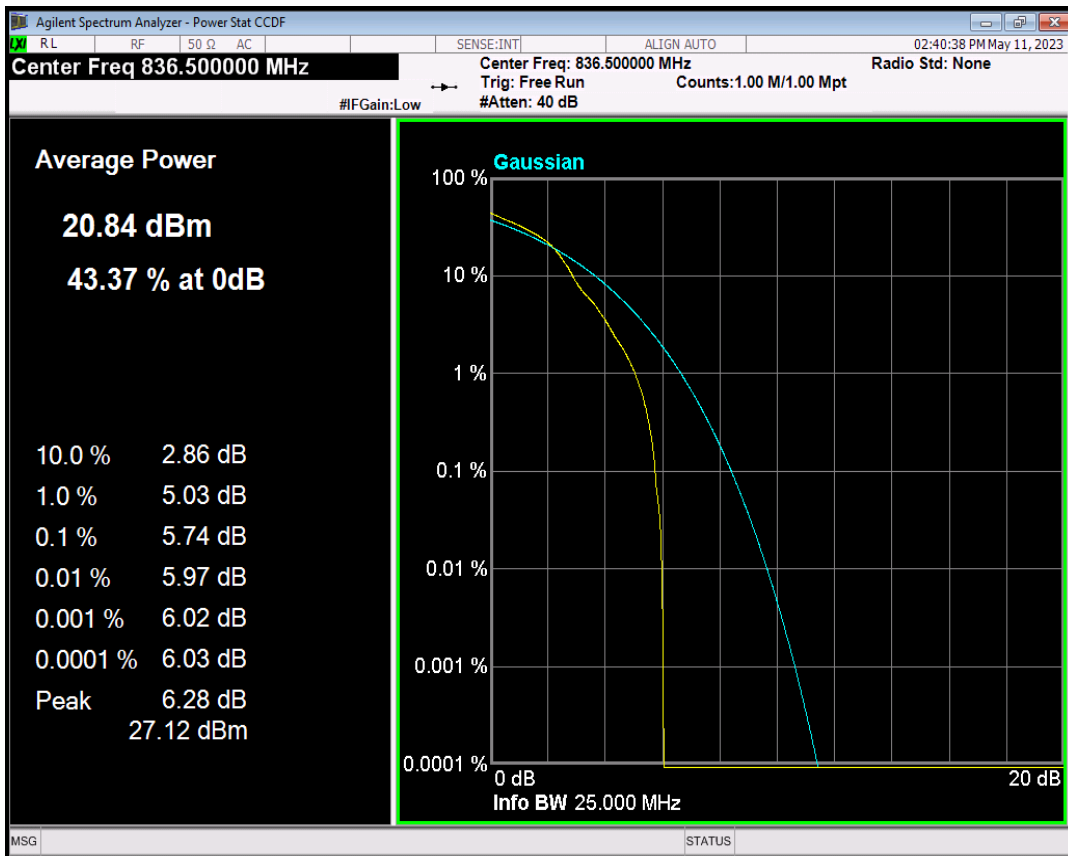
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



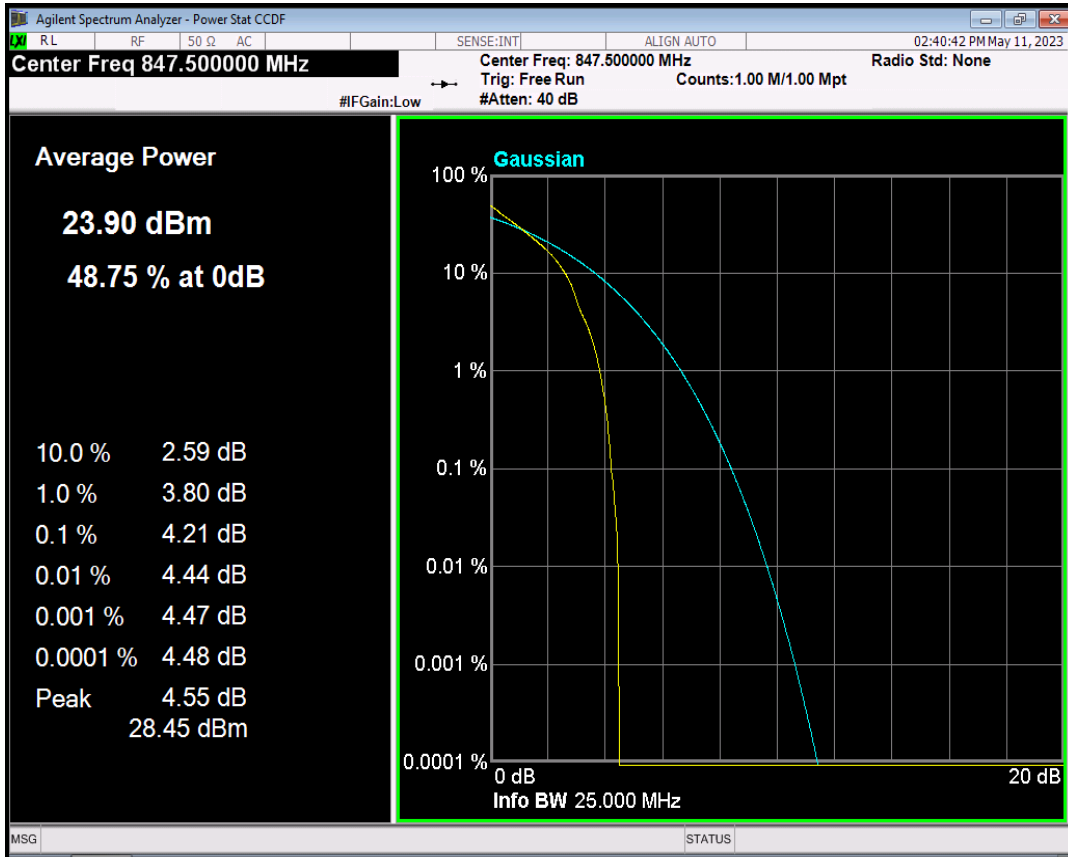
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



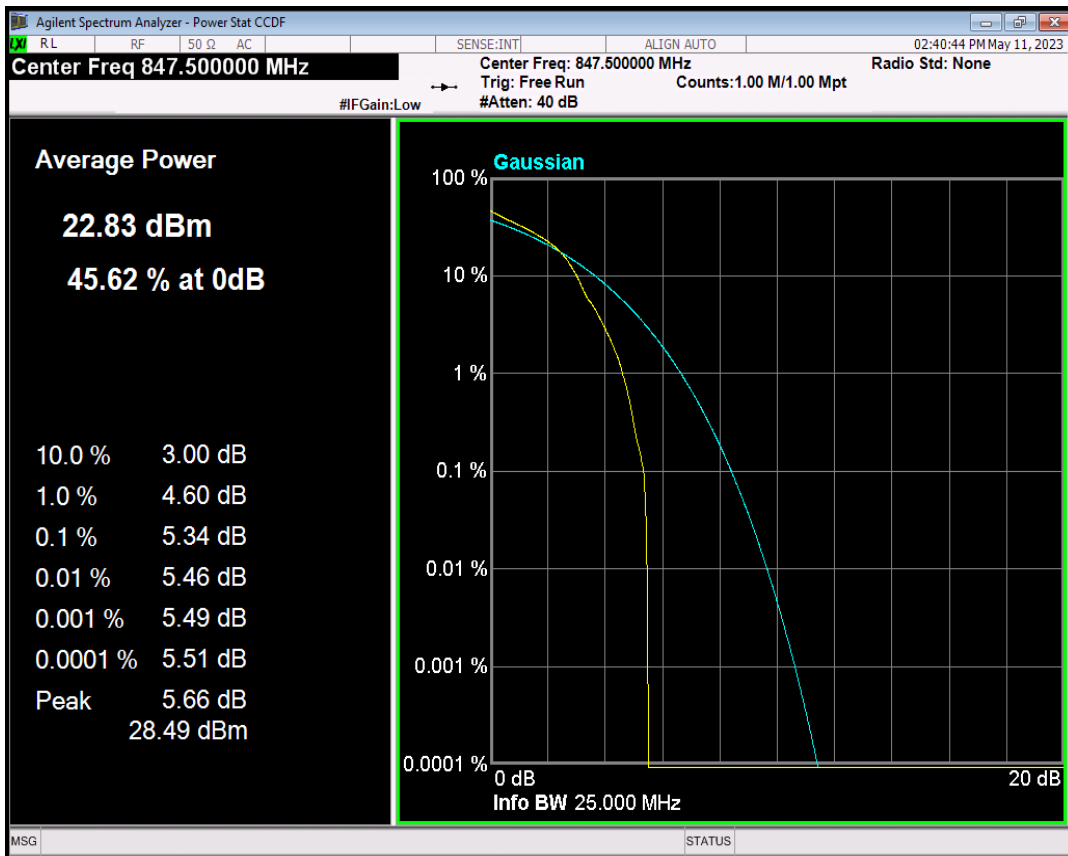
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



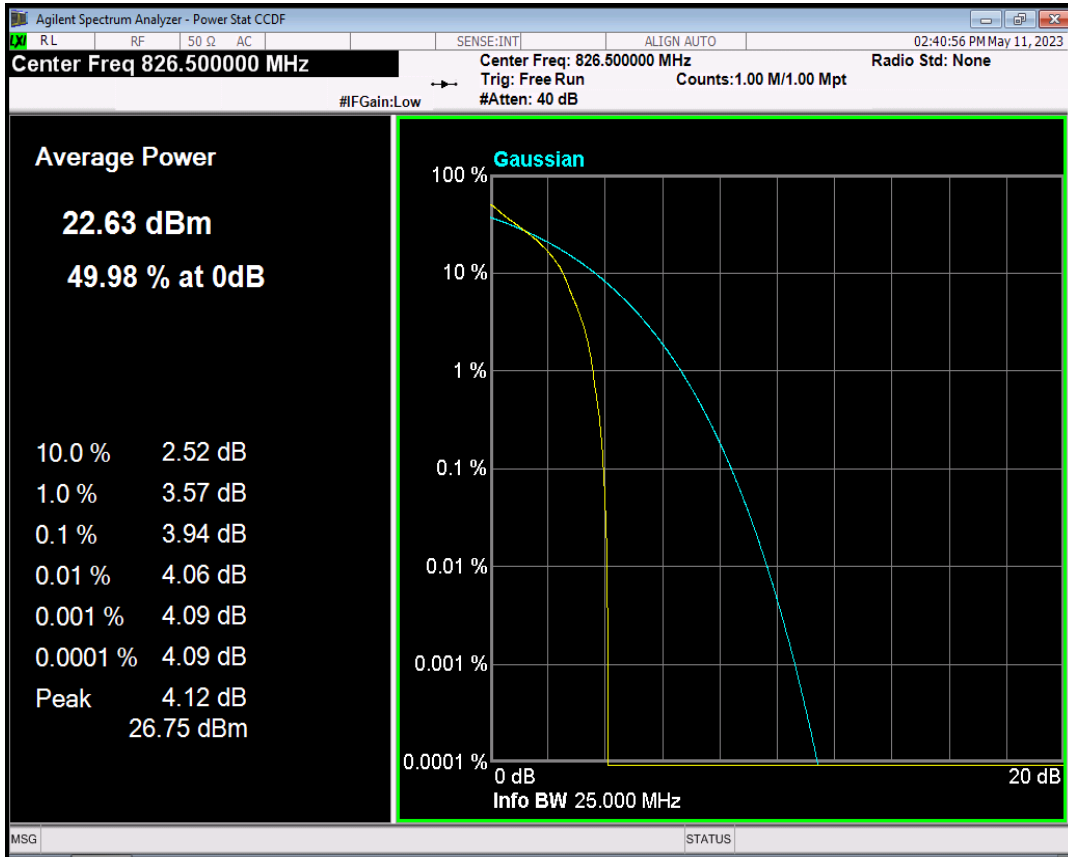
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



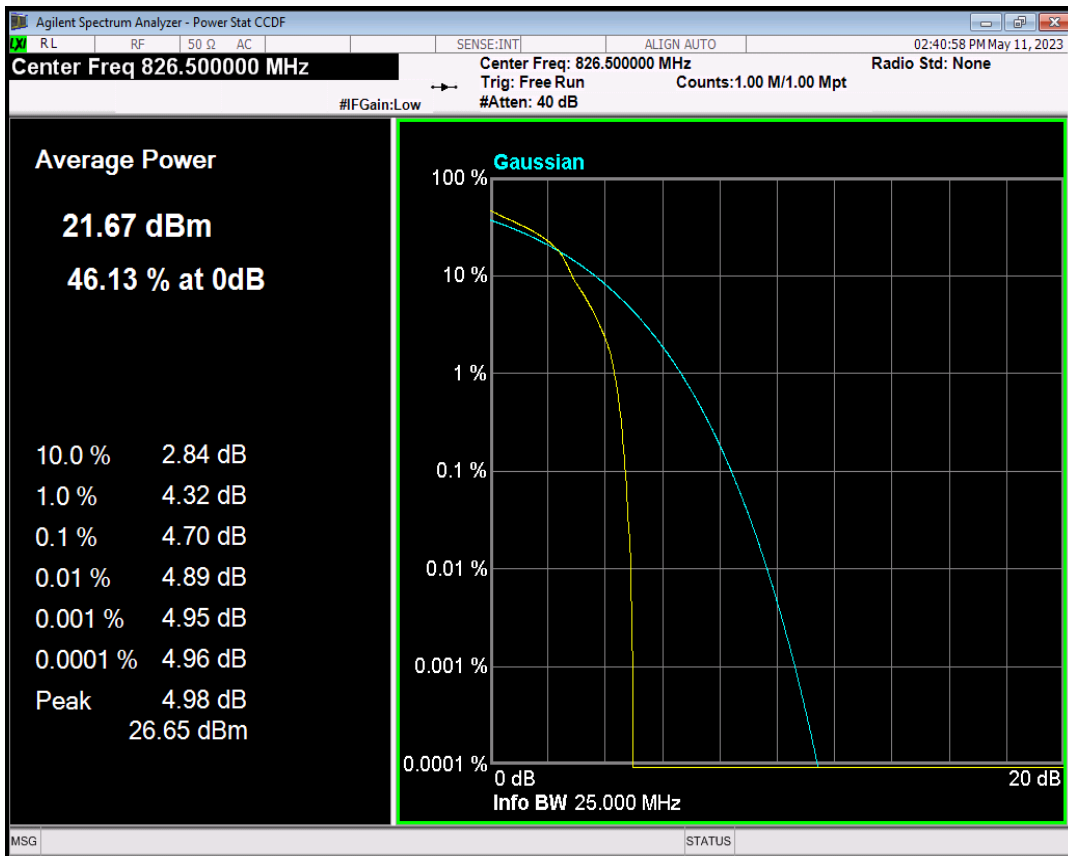
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



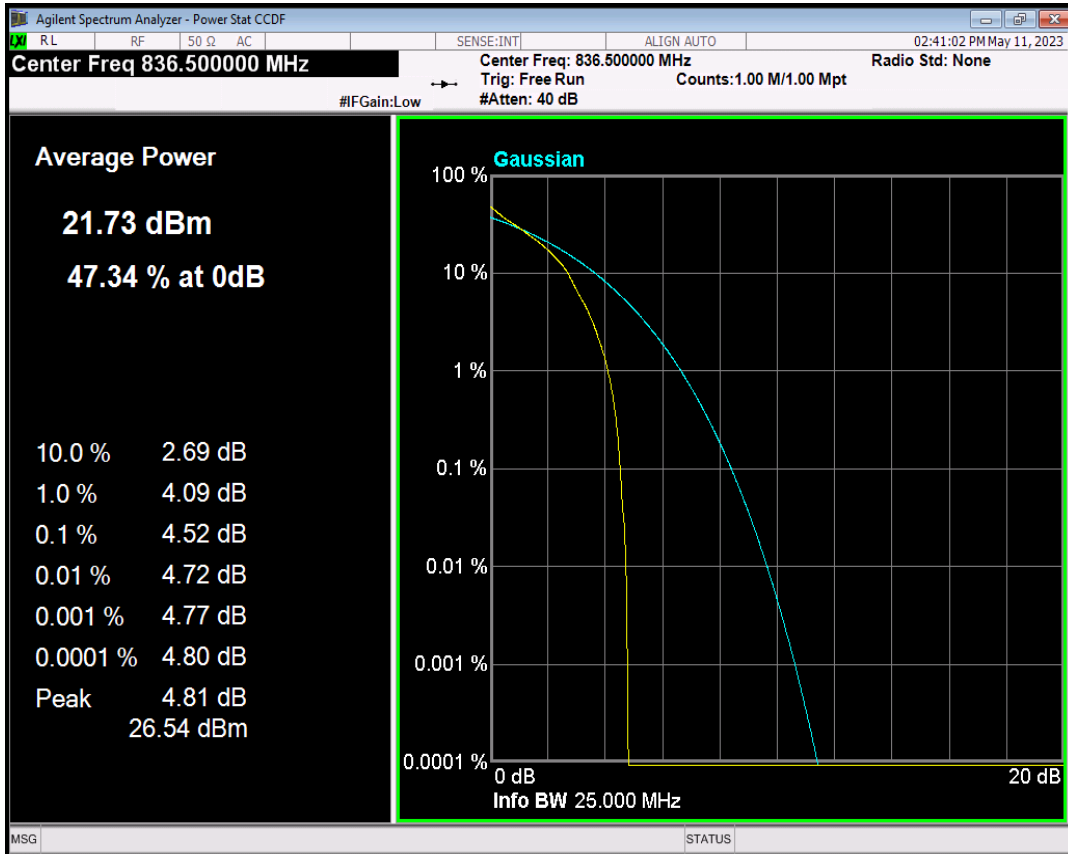
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



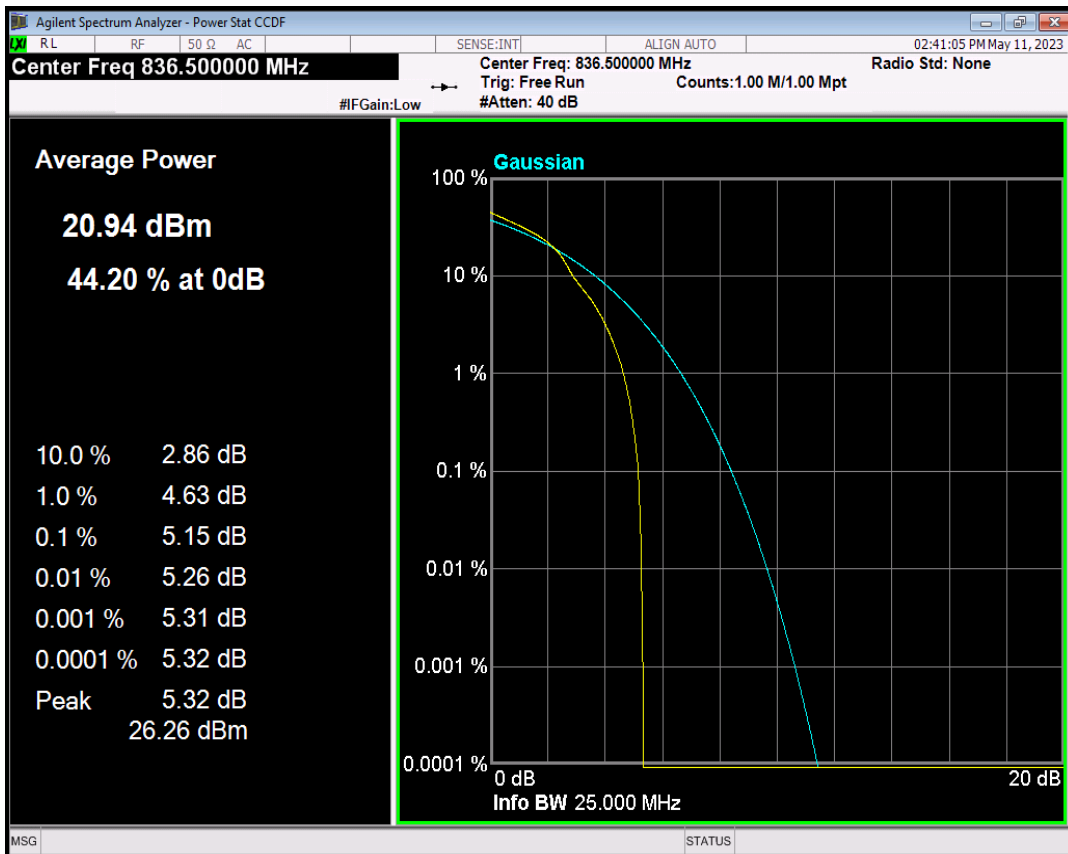
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



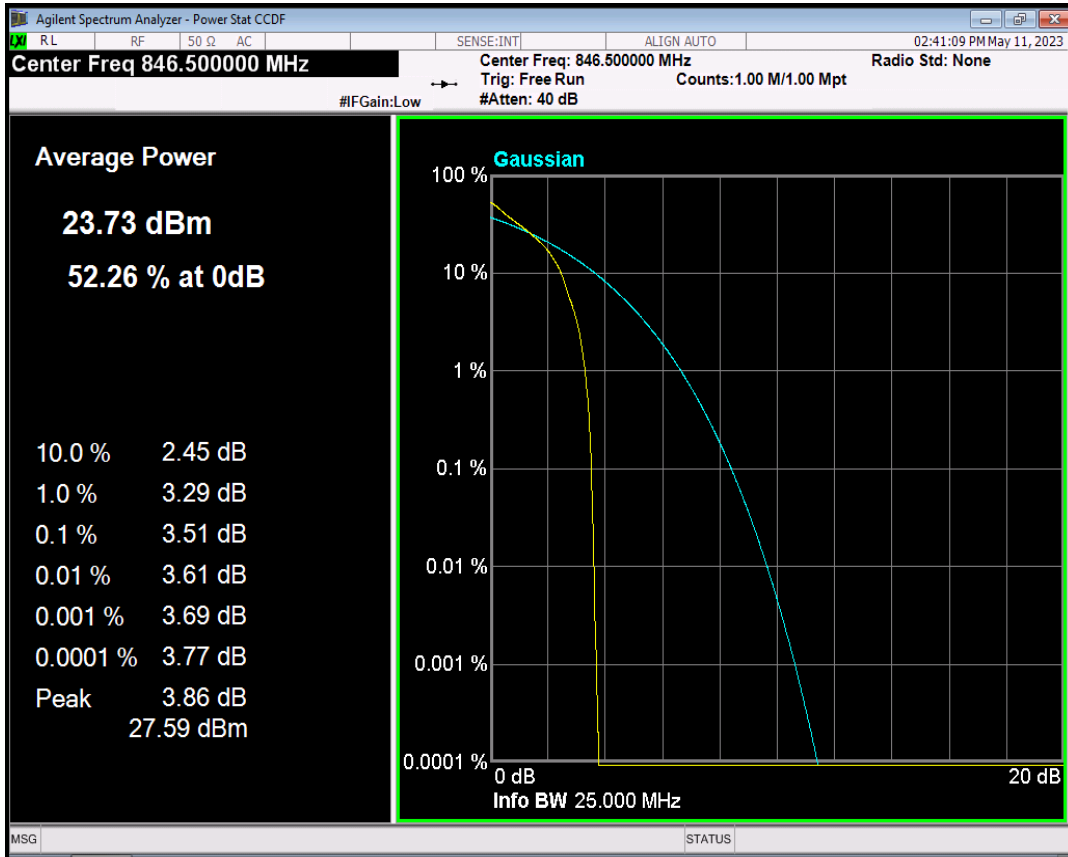
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



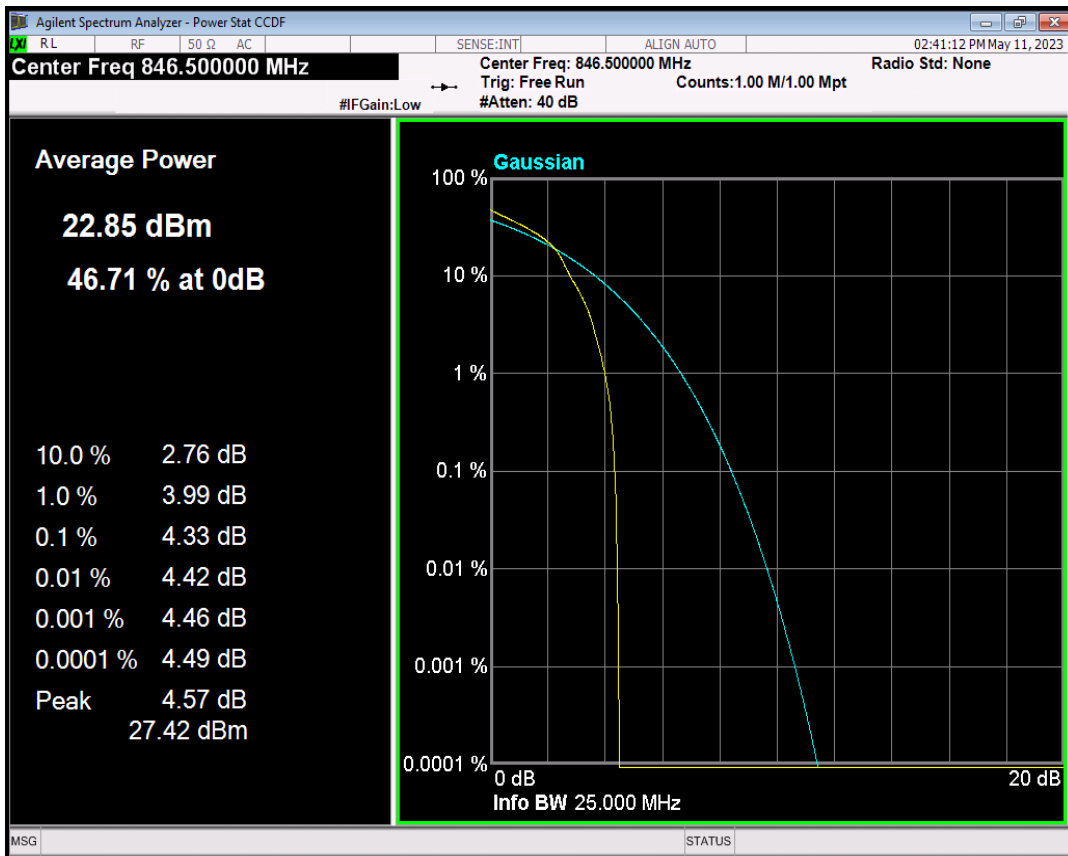
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



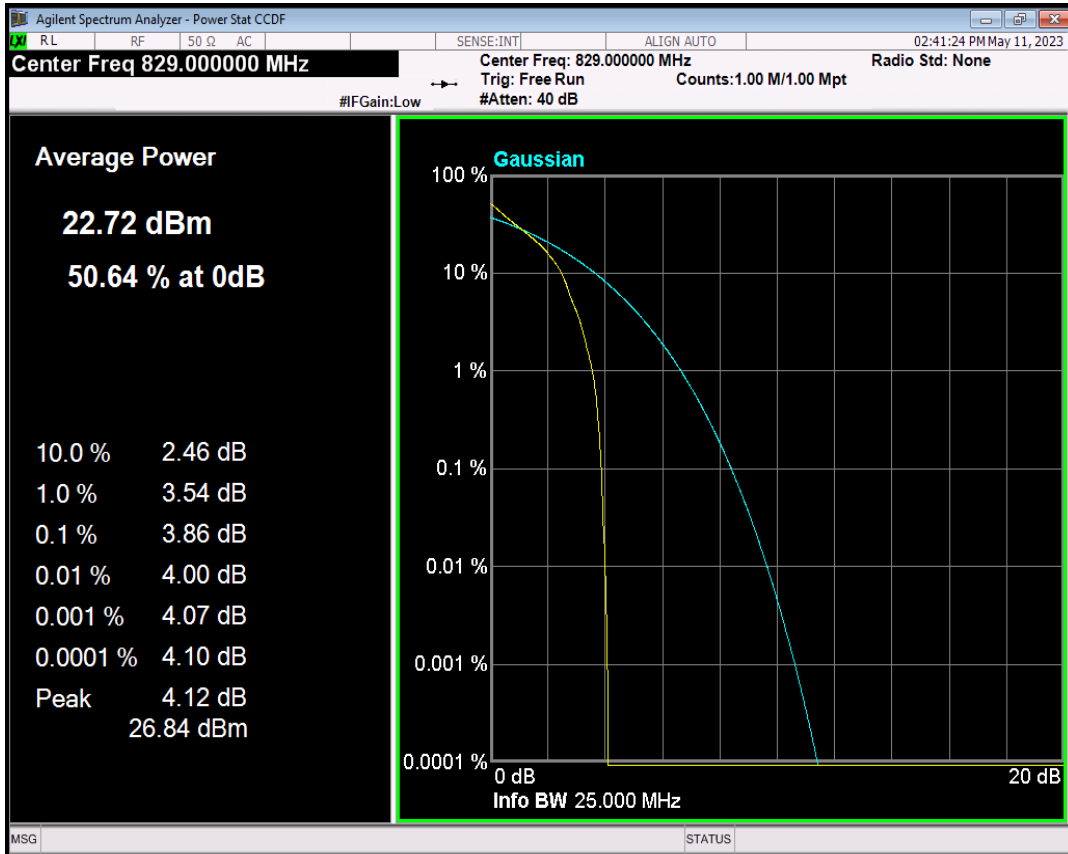
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



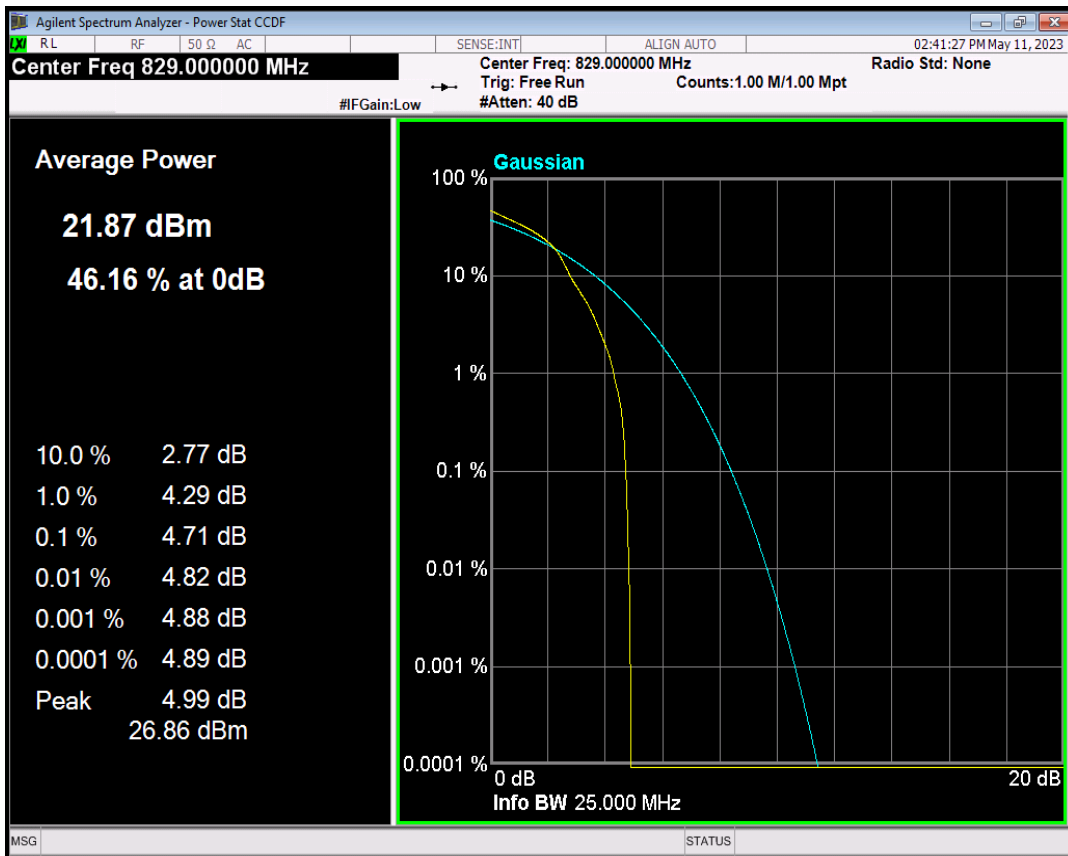
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



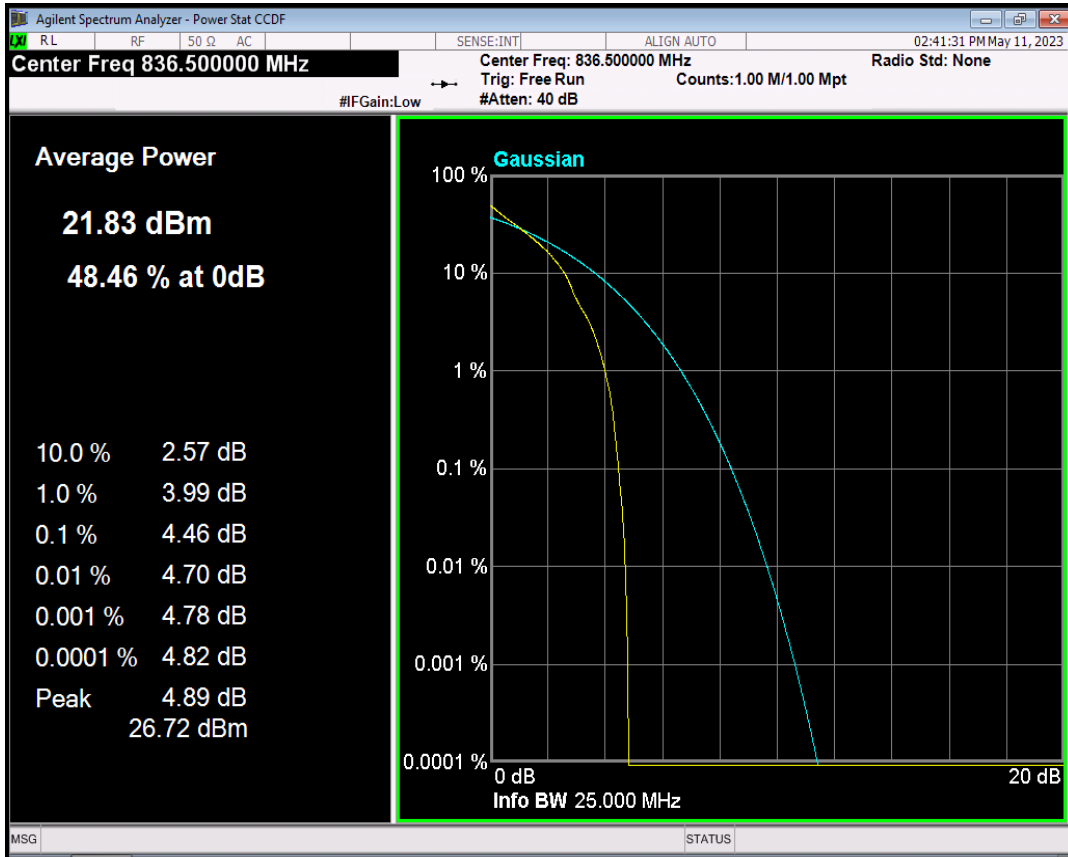
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



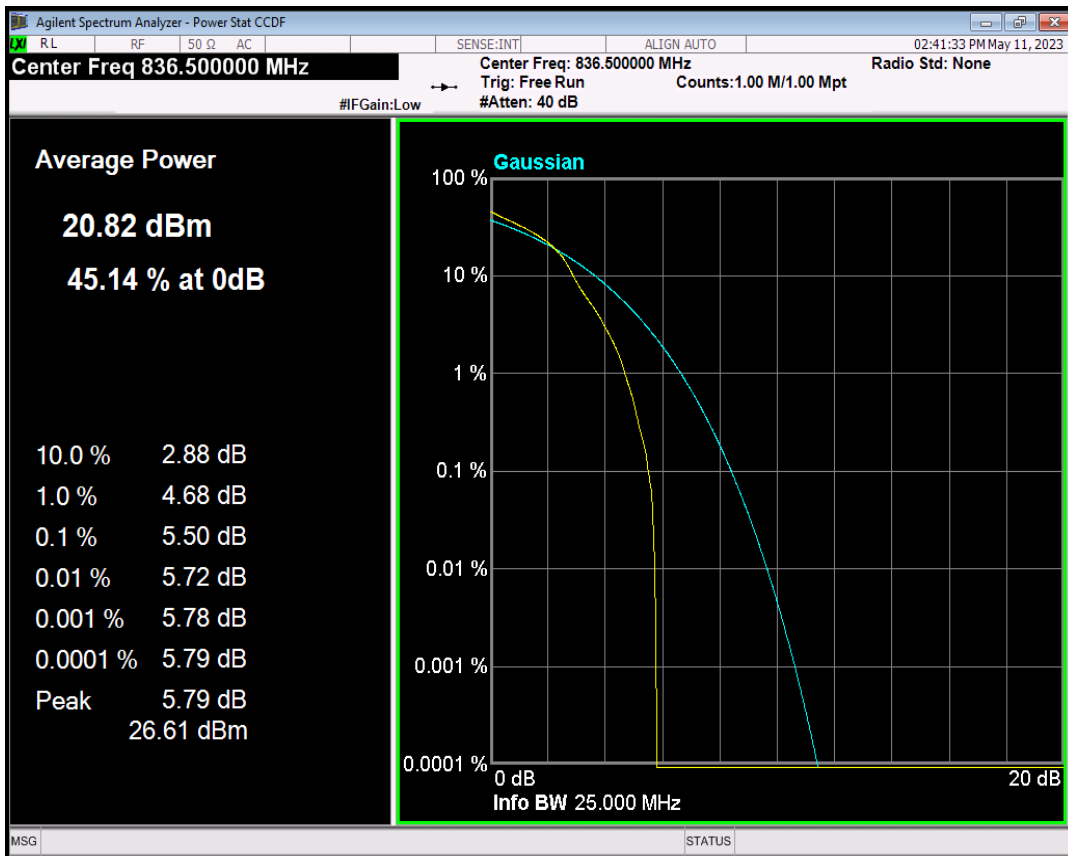
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



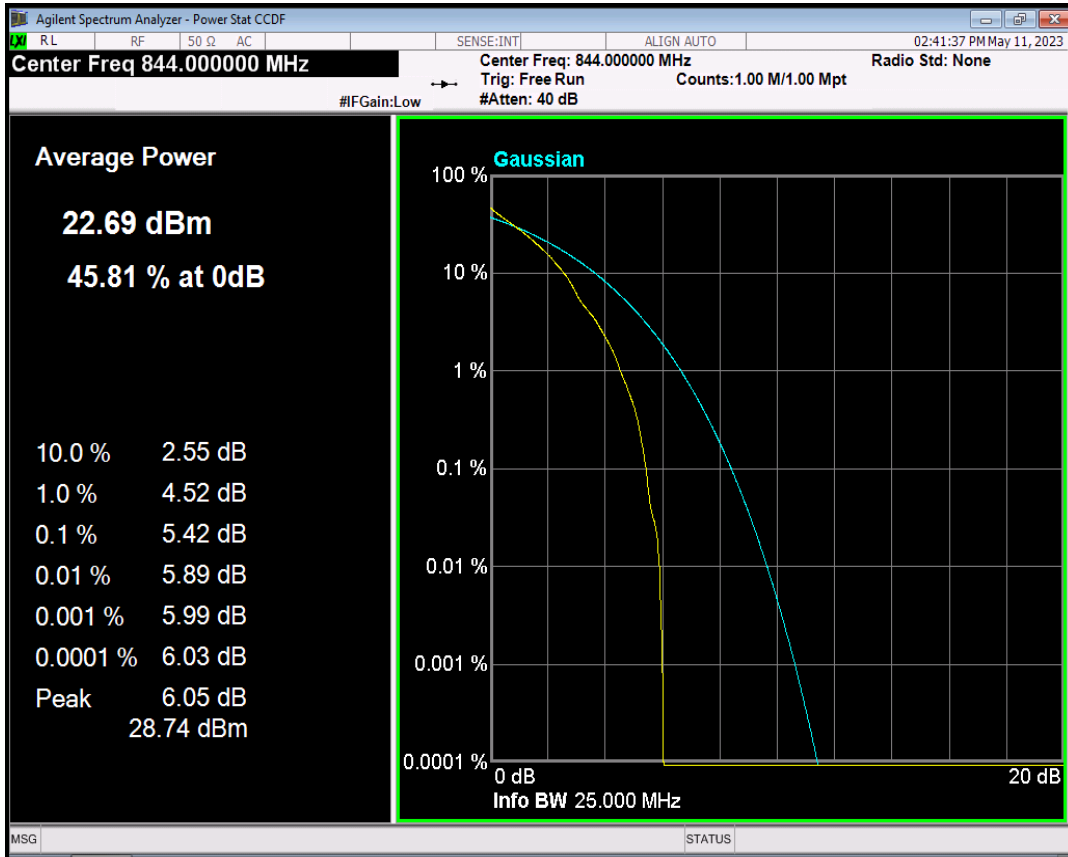
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



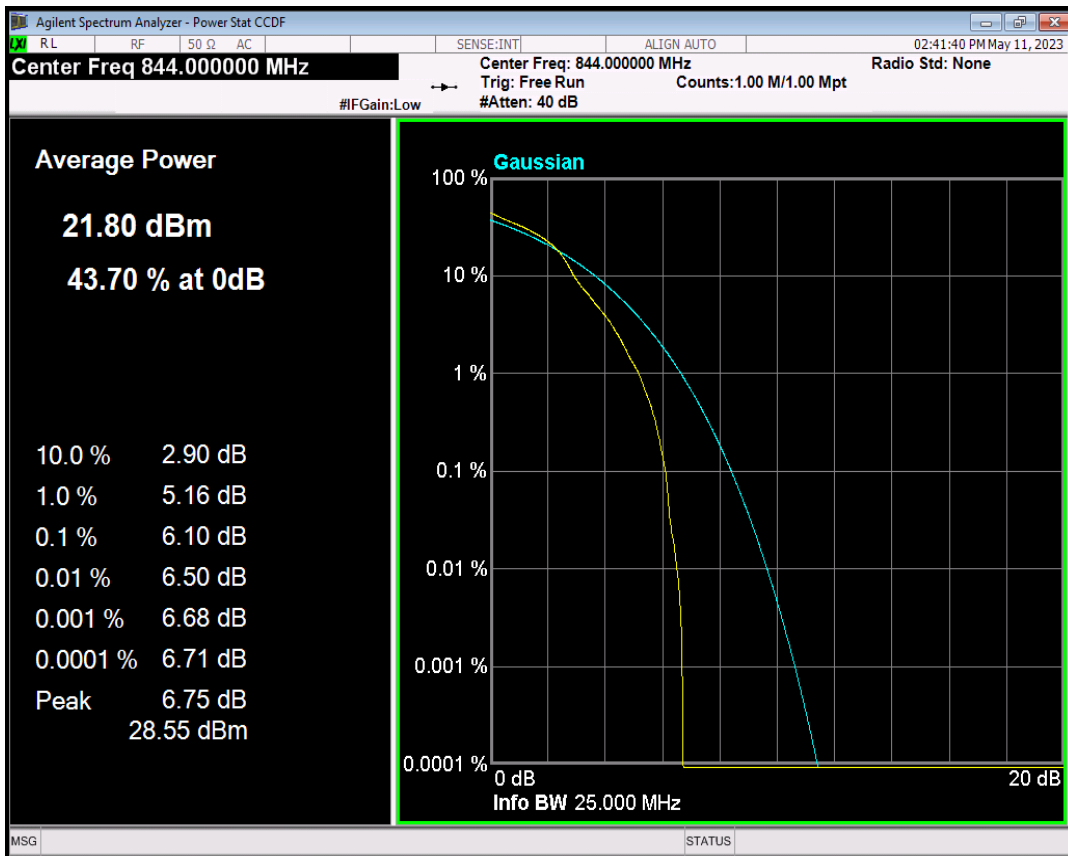
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



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



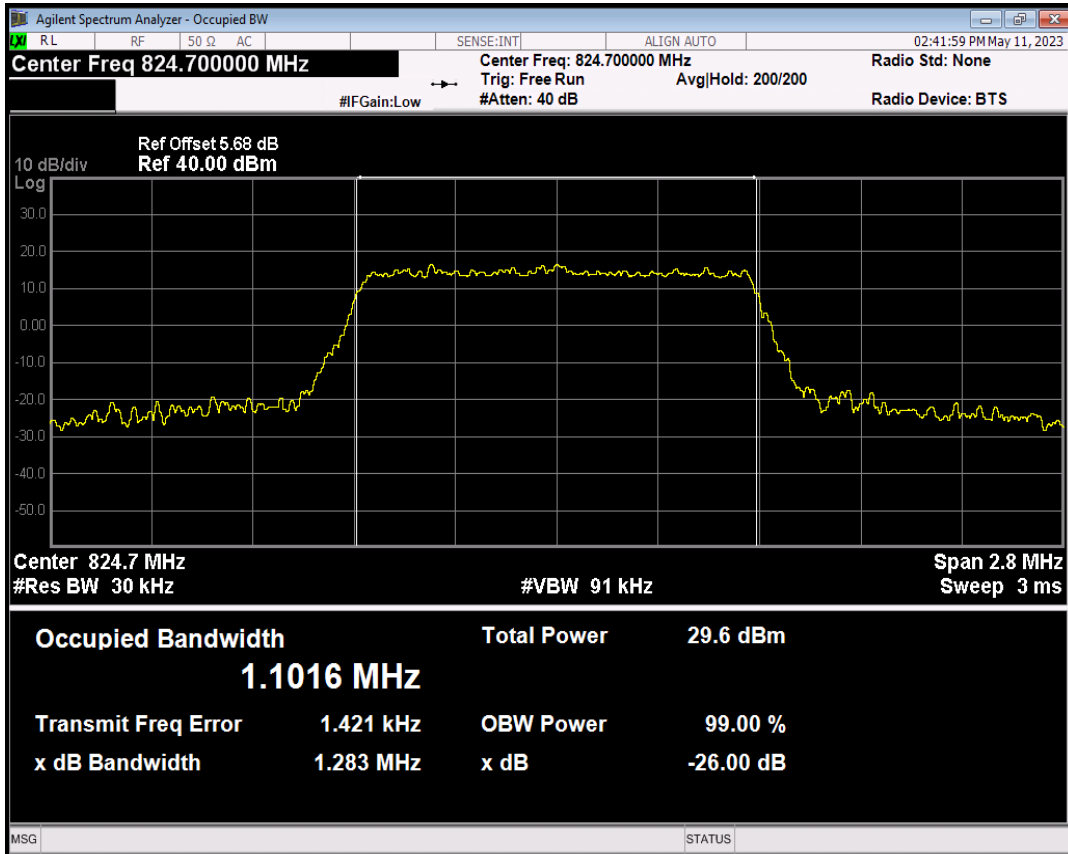
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



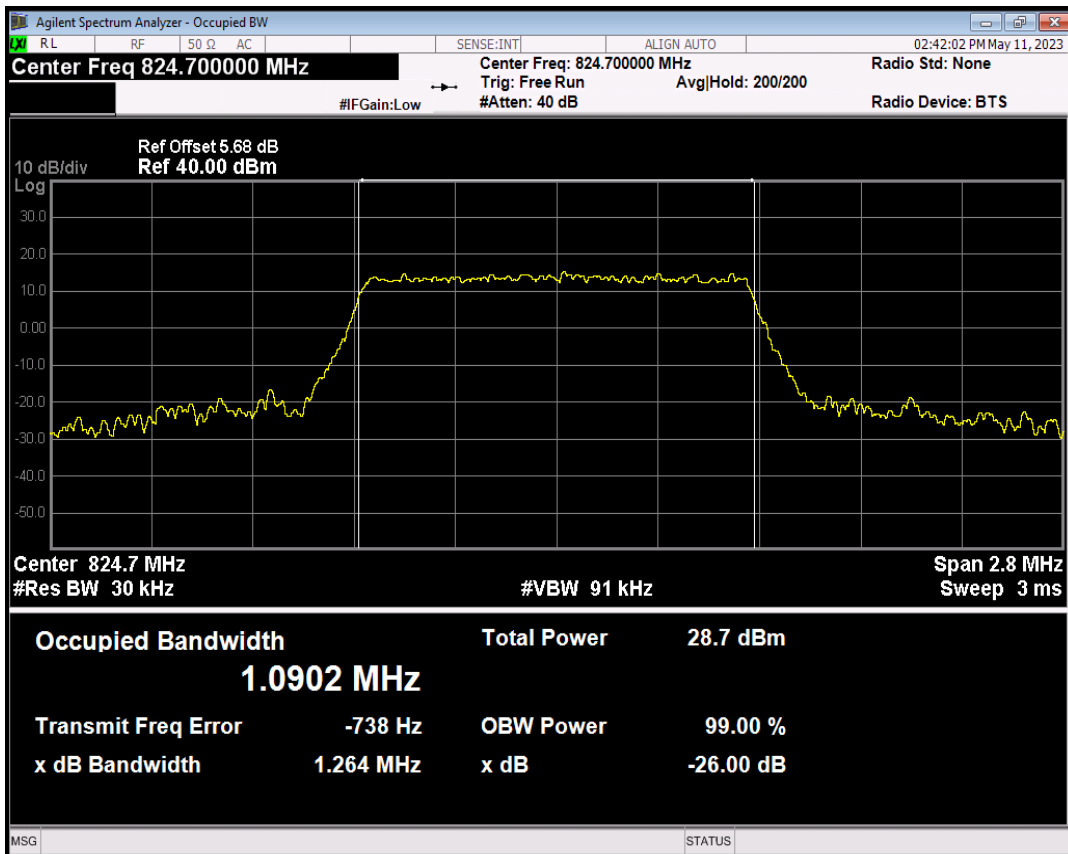
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.102	1.283	PASS
Band5	1.4	20407	6	#0	16QAM	1.090	1.264	PASS
Band5	1.4	20525	6	#0	QPSK	1.105	1.267	PASS
Band5	1.4	20525	6	#0	16QAM	1.098	1.278	PASS
Band5	1.4	20643	6	#0	QPSK	1.093	1.274	PASS
Band5	1.4	20643	6	#0	16QAM	1.094	1.277	PASS
Band5	3	20415	15	#0	QPSK	2.691	2.975	PASS
Band5	3	20415	15	#0	16QAM	2.694	2.946	PASS
Band5	3	20525	15	#0	QPSK	2.687	2.960	PASS
Band5	3	20525	15	#0	16QAM	2.686	2.954	PASS
Band5	3	20635	15	#0	QPSK	2.688	2.981	PASS
Band5	3	20635	15	#0	16QAM	2.687	2.997	PASS
Band5	5	20425	25	#0	QPSK	4.508	4.873	PASS
Band5	5	20425	25	#0	16QAM	4.500	4.909	PASS
Band5	5	20525	25	#0	QPSK	4.523	4.880	PASS
Band5	5	20525	25	#0	16QAM	4.511	4.903	PASS
Band5	5	20625	25	#0	QPSK	4.493	4.907	PASS
Band5	5	20625	25	#0	16QAM	4.521	4.904	PASS
Band5	10	20450	50	#0	QPSK	8.963	9.622	PASS
Band5	10	20450	50	#0	16QAM	8.992	9.615	PASS
Band5	10	20525	50	#0	QPSK	8.965	9.599	PASS
Band5	10	20525	50	#0	16QAM	9.006	9.713	PASS
Band5	10	20600	50	#0	QPSK	8.955	9.603	PASS
Band5	10	20600	50	#0	16QAM	8.984	9.697	PASS

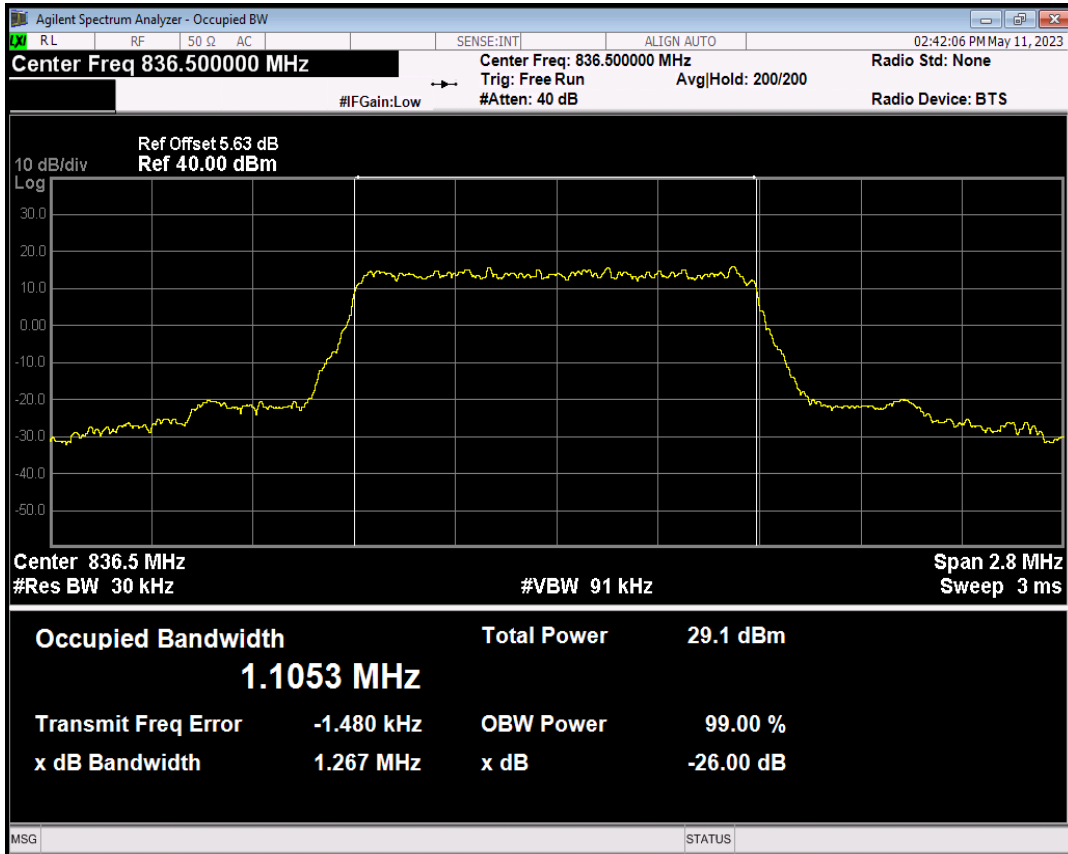
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



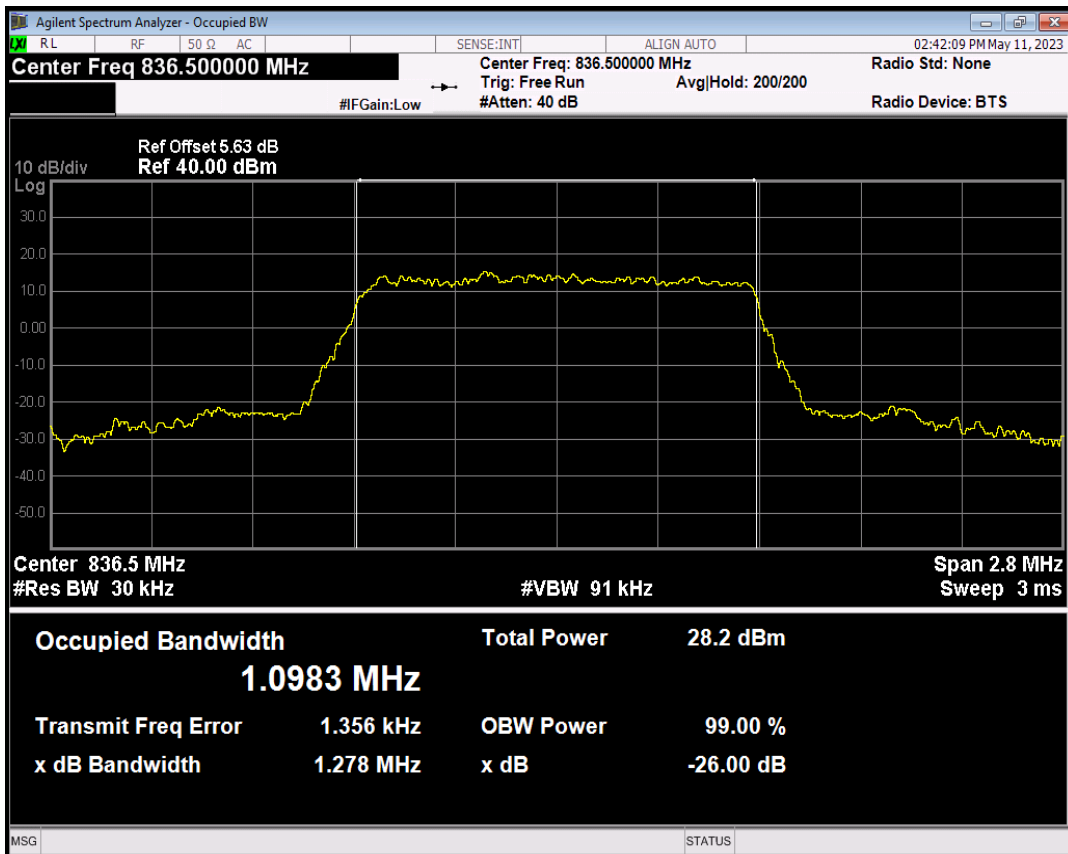
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



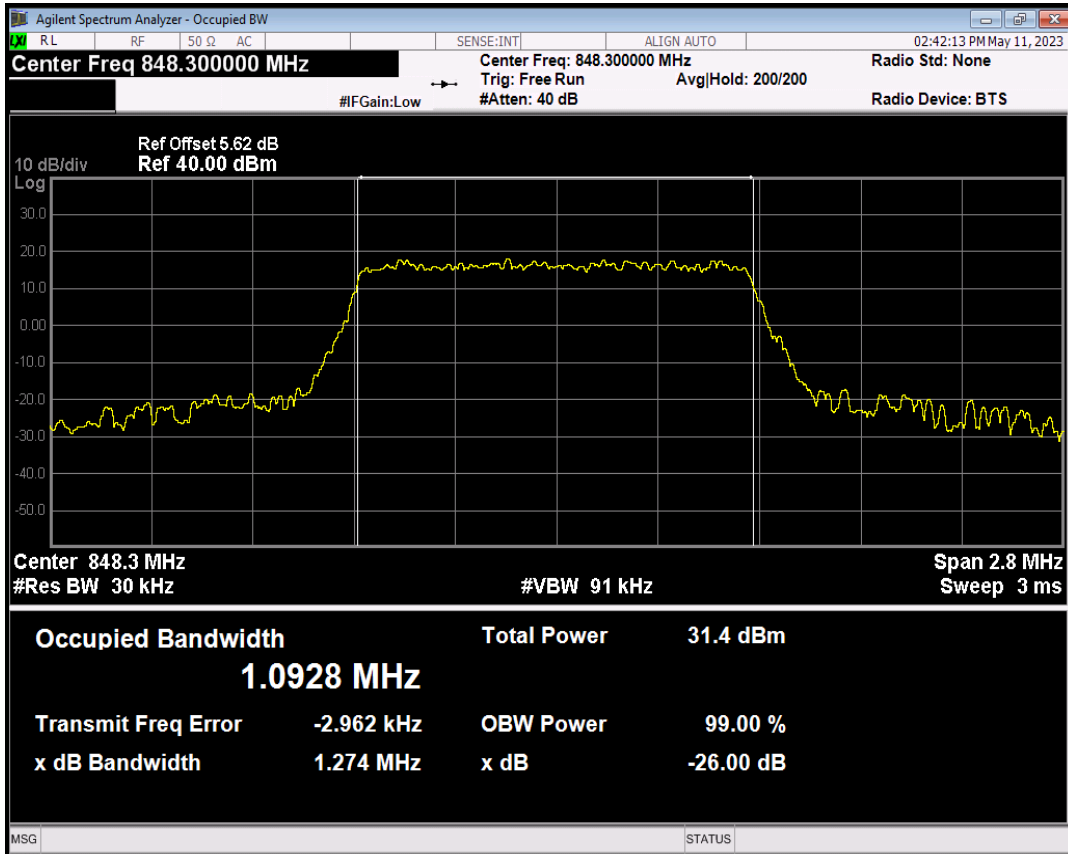
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



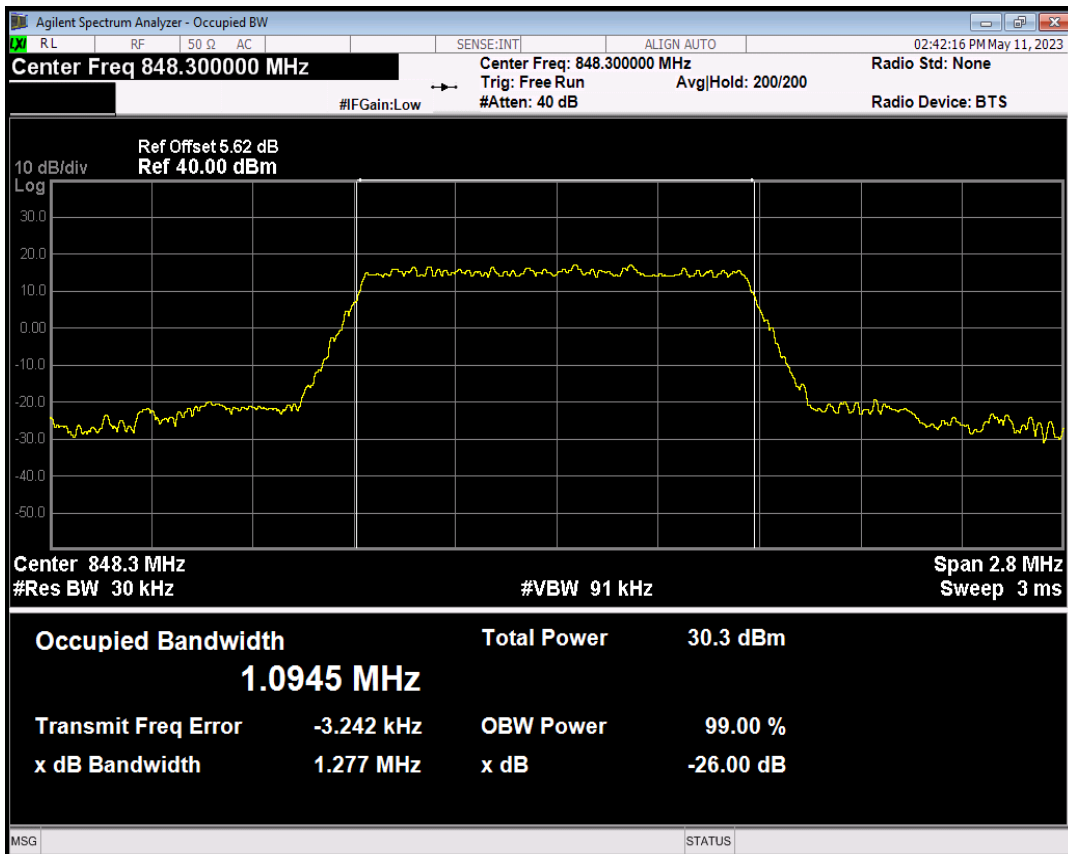
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



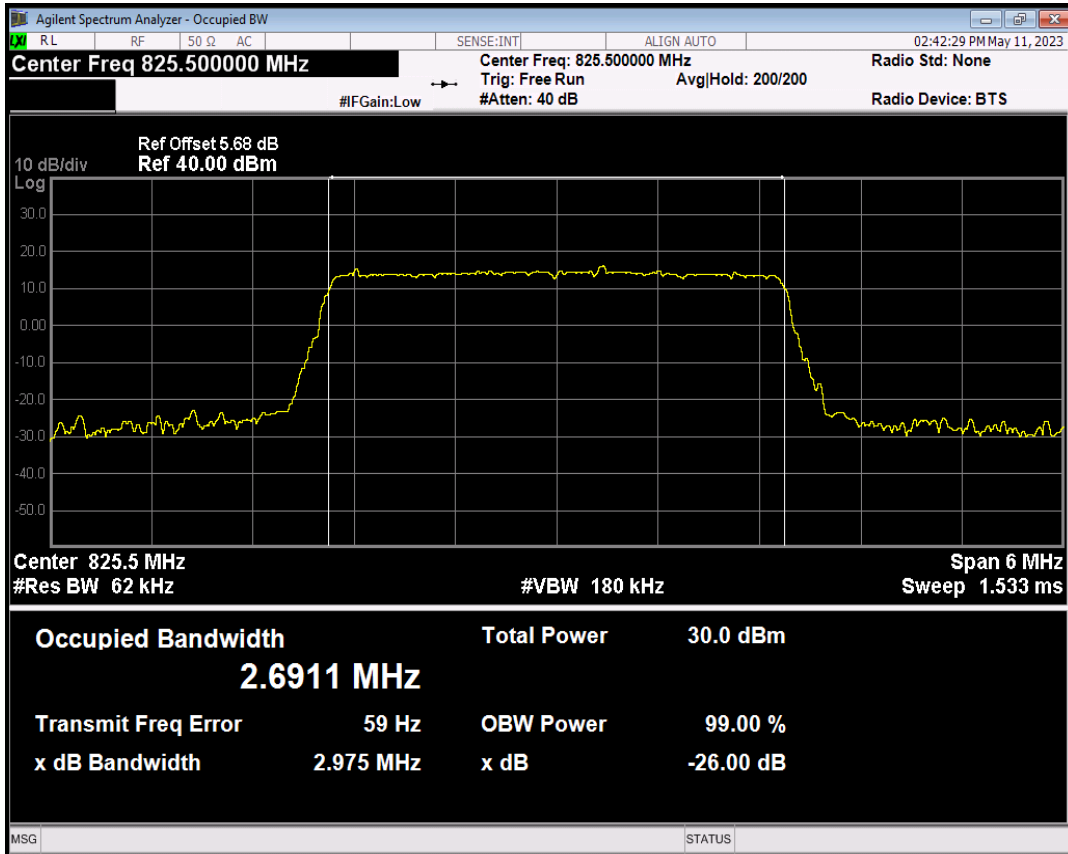
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



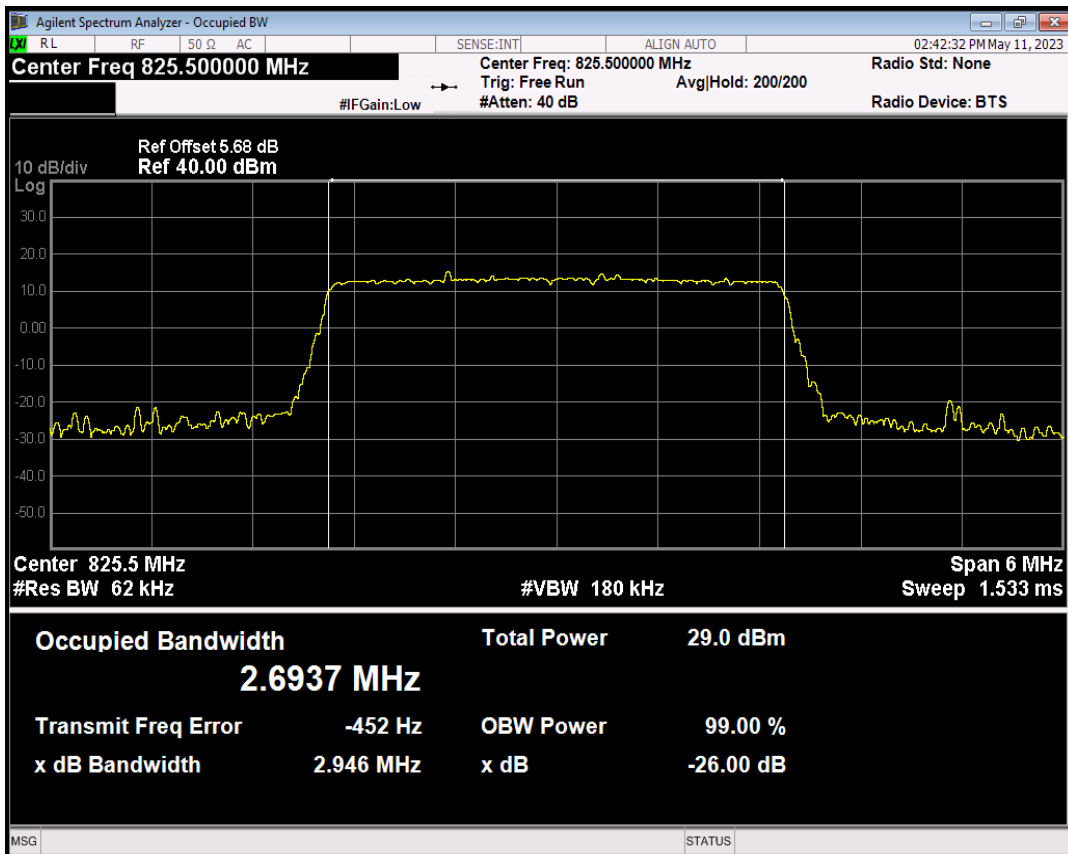
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



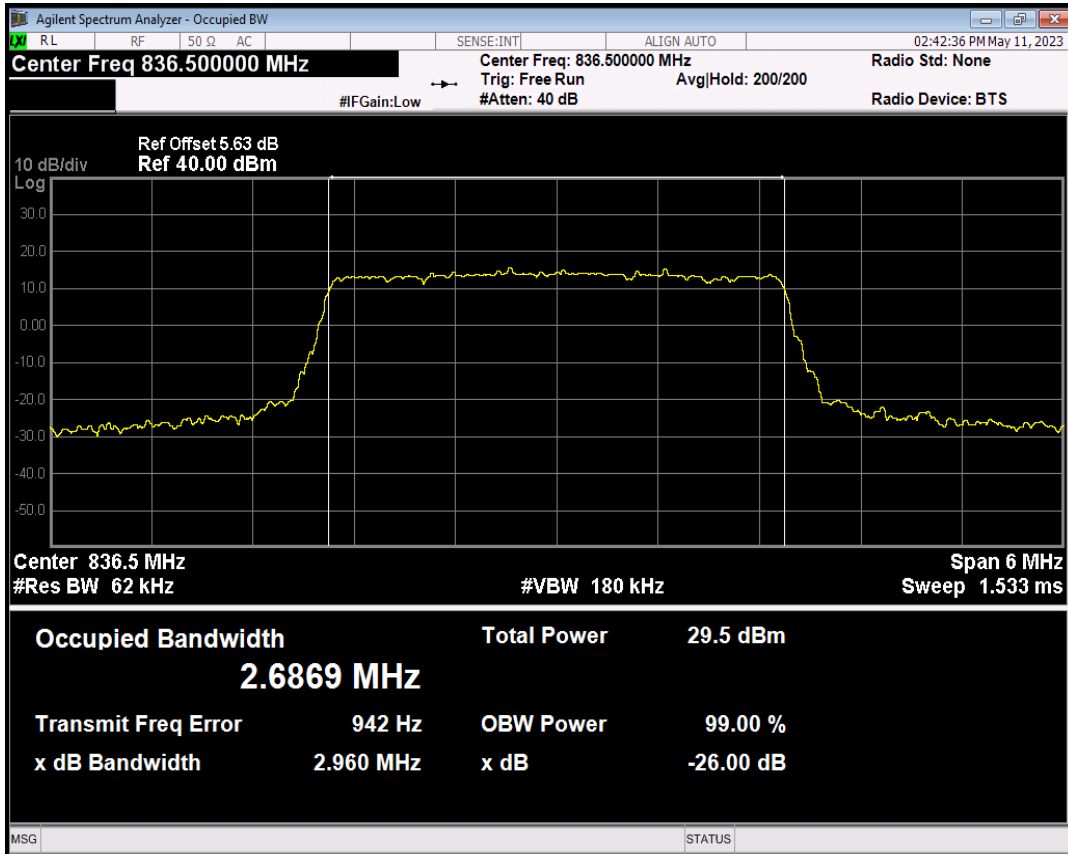
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



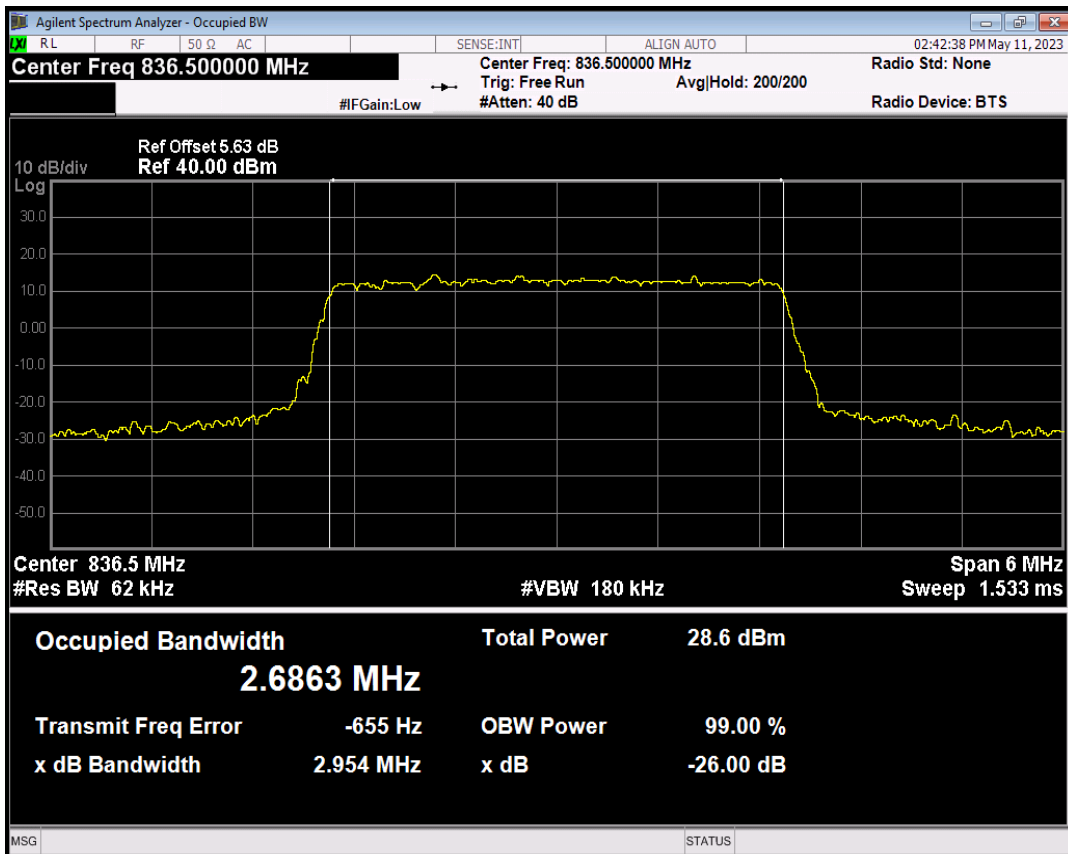
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



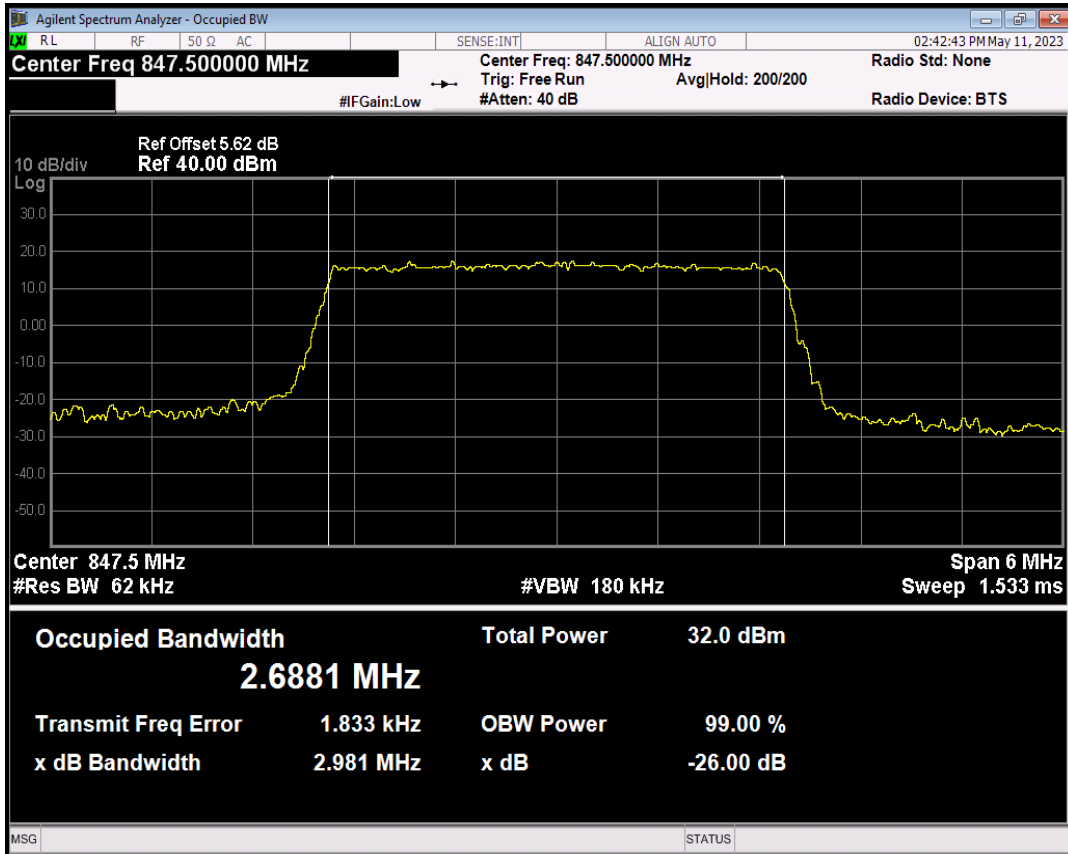
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



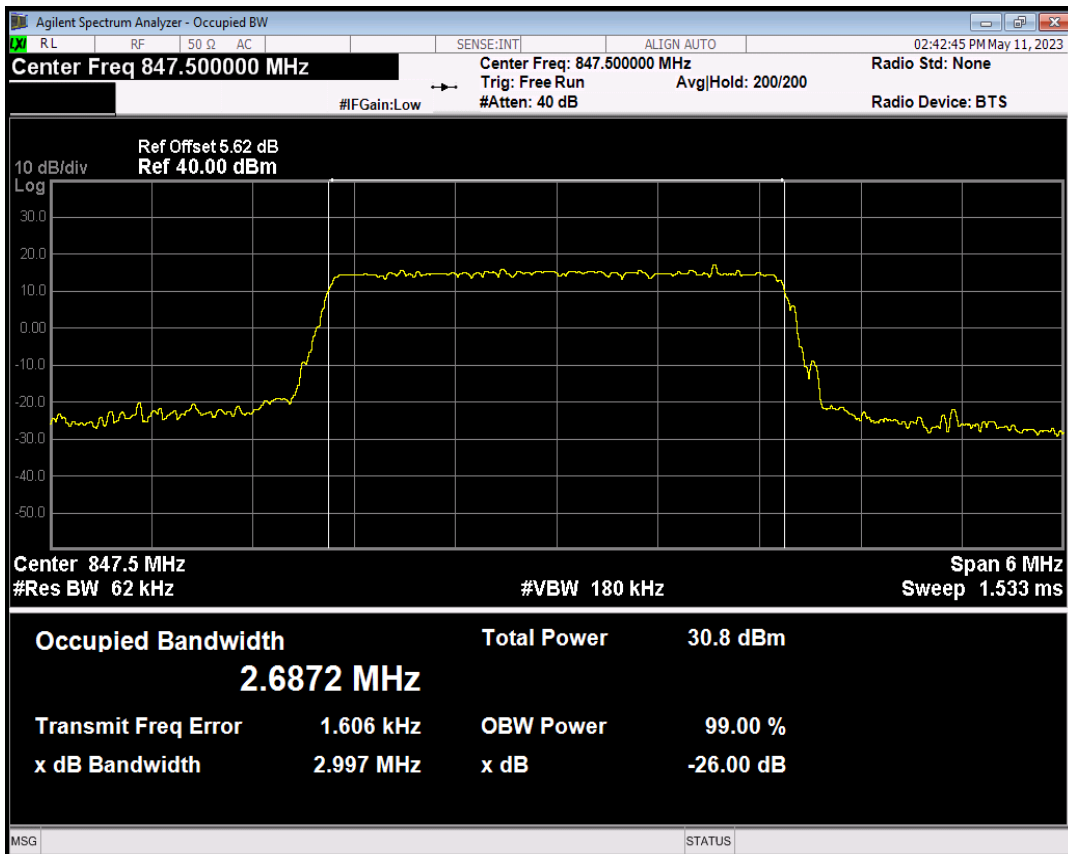
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



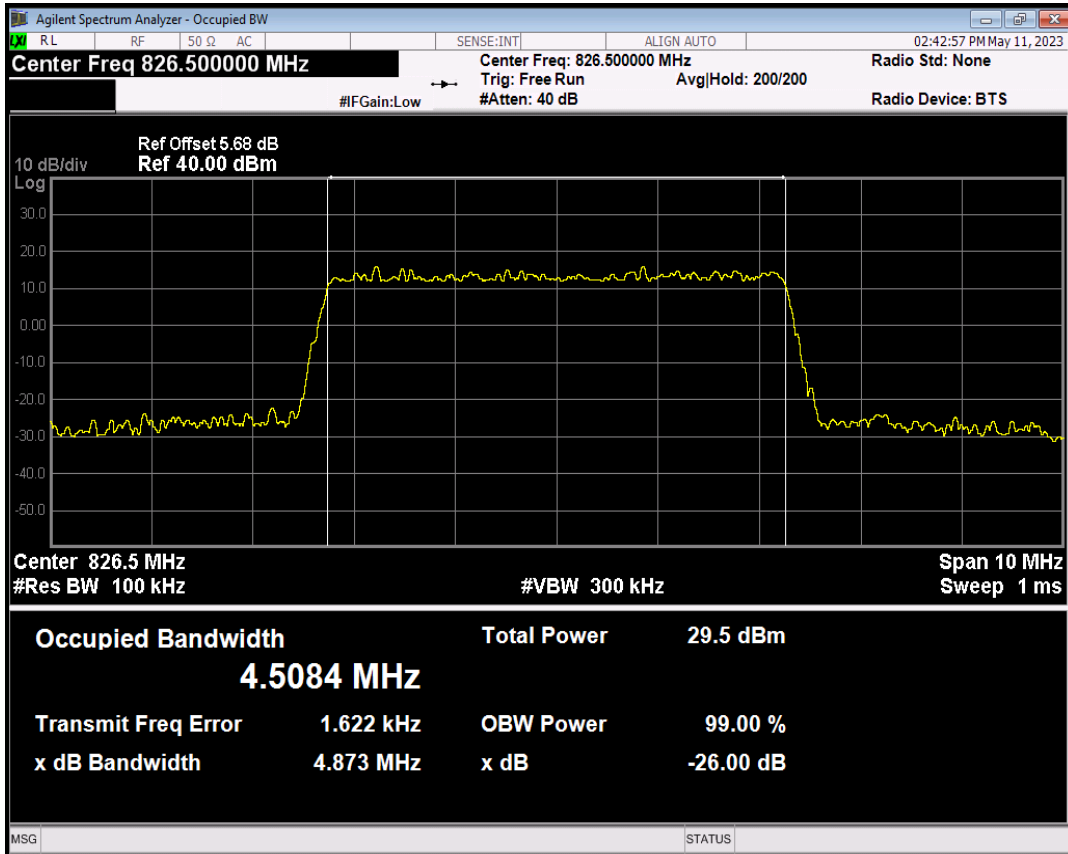
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



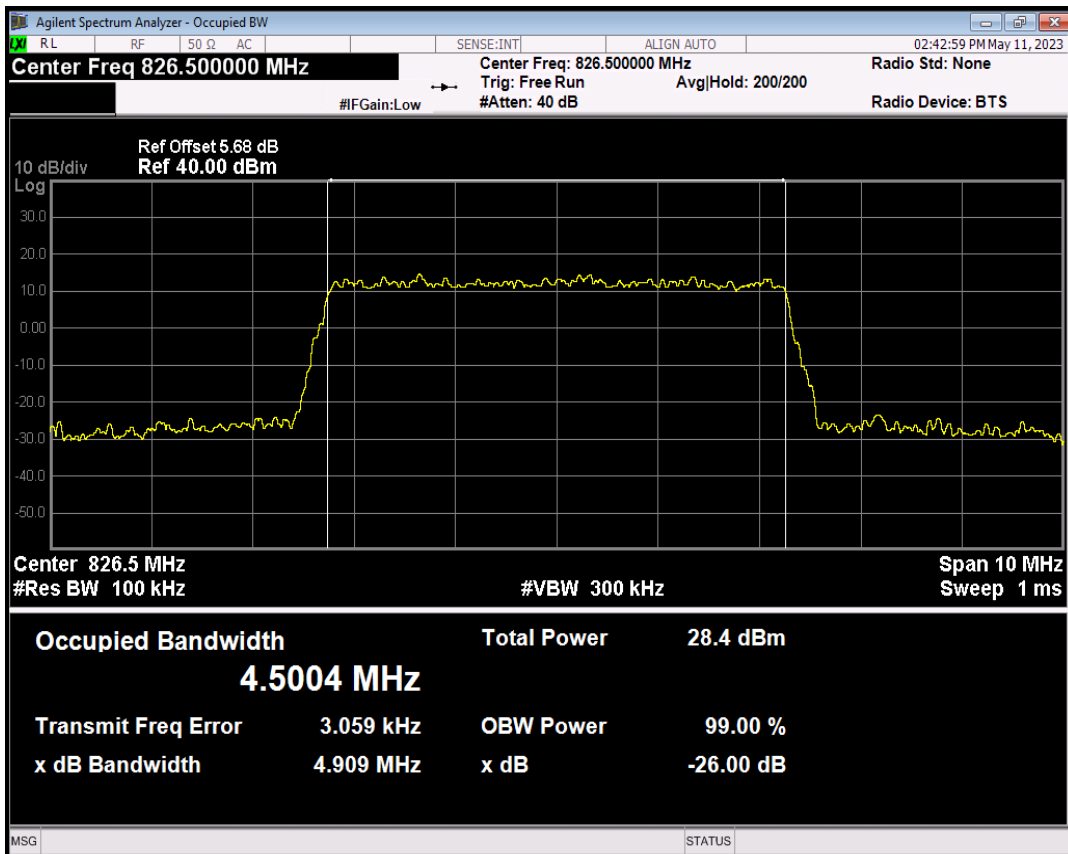
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



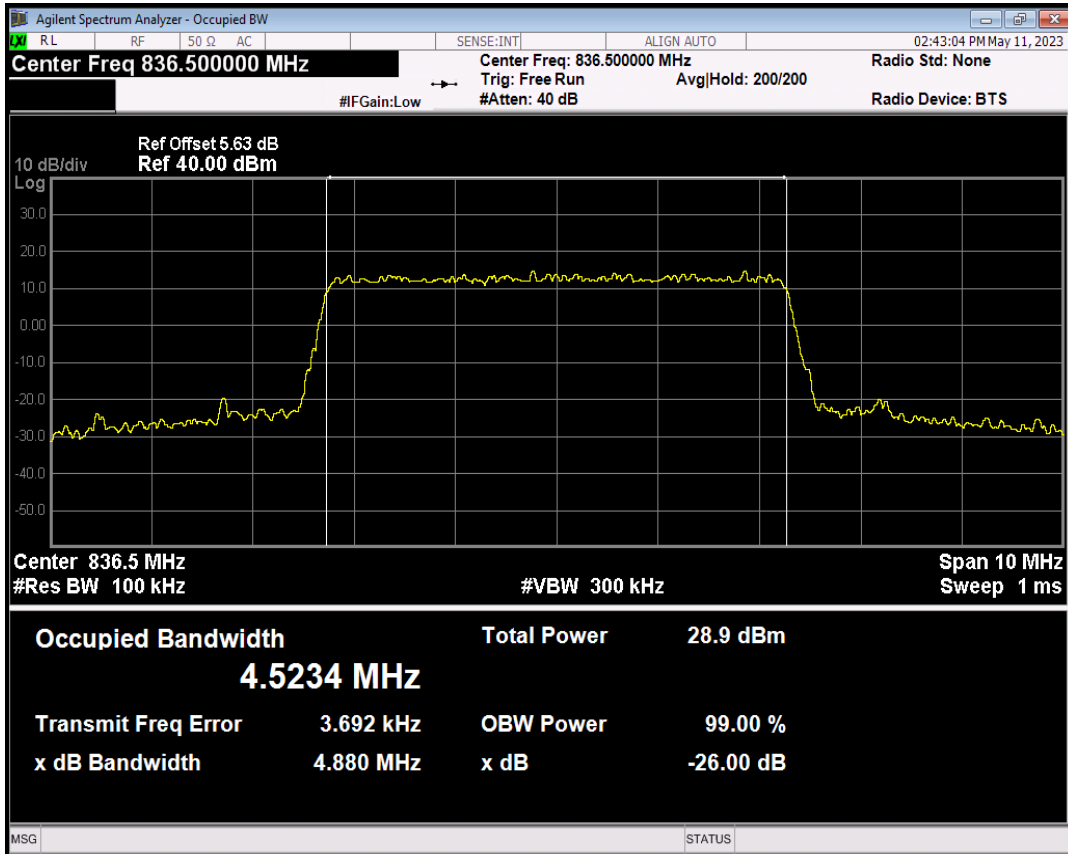
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



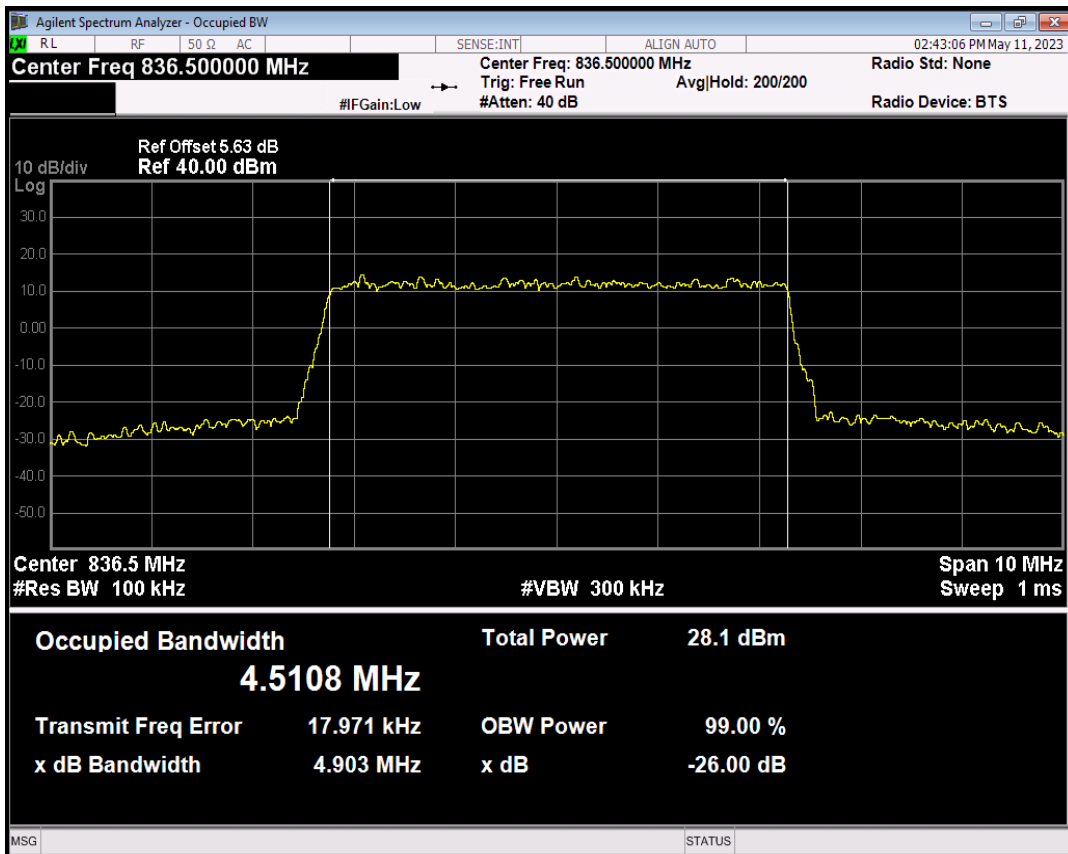
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



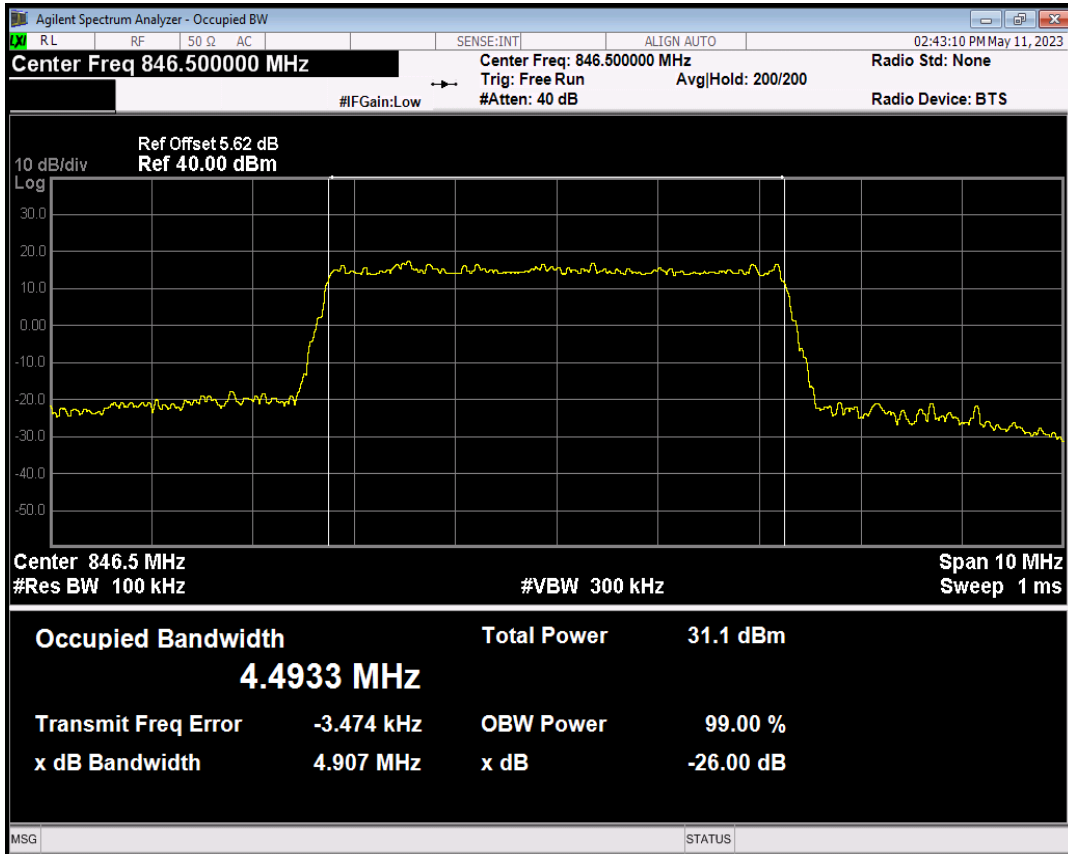
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



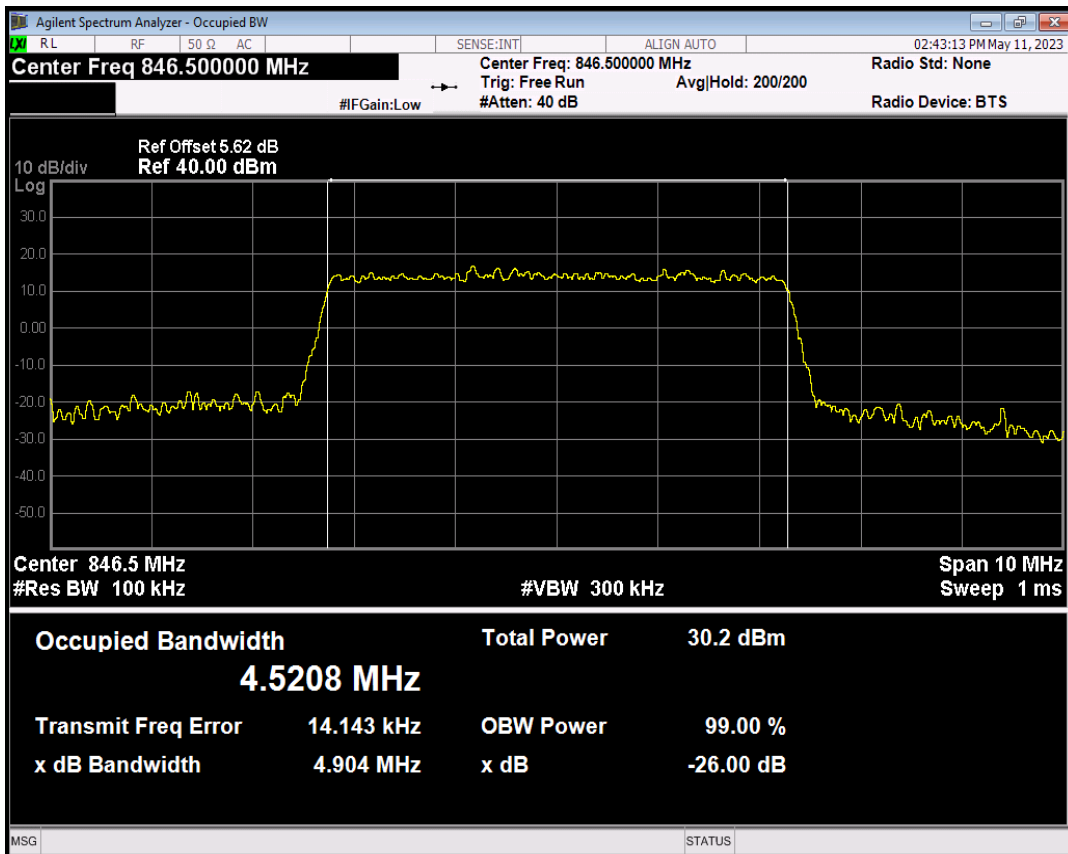
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



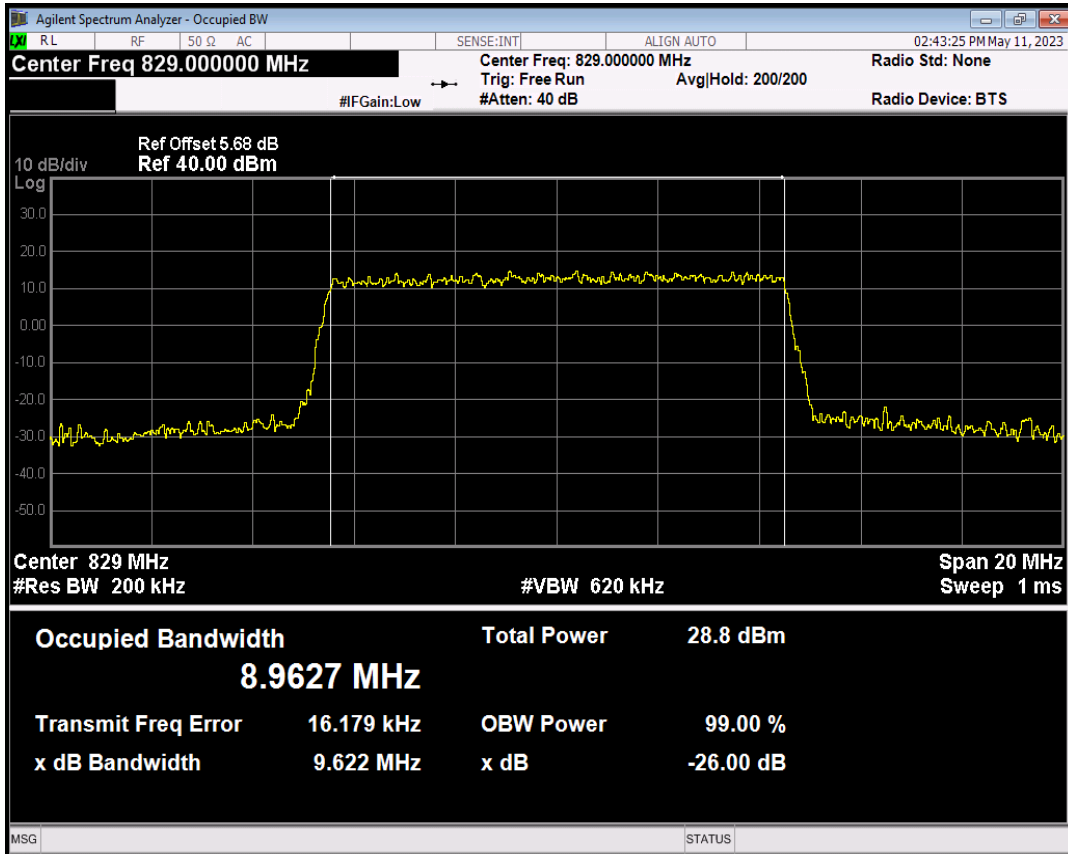
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



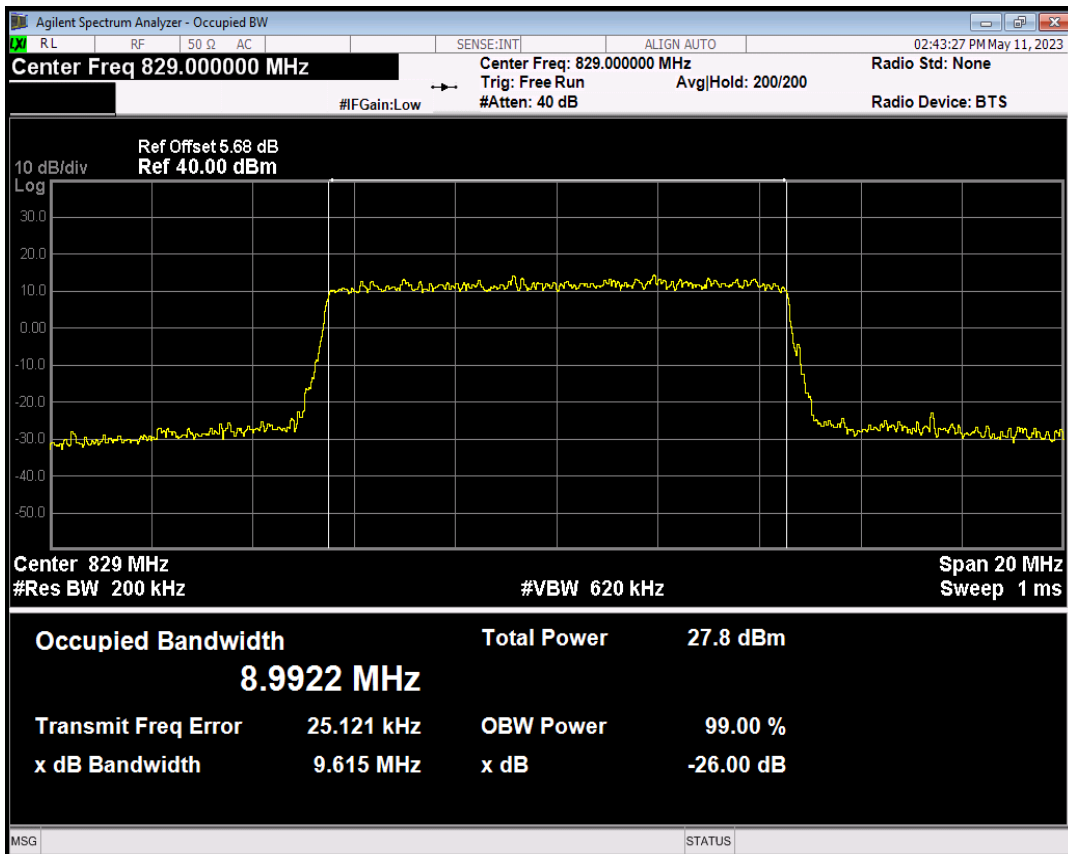
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



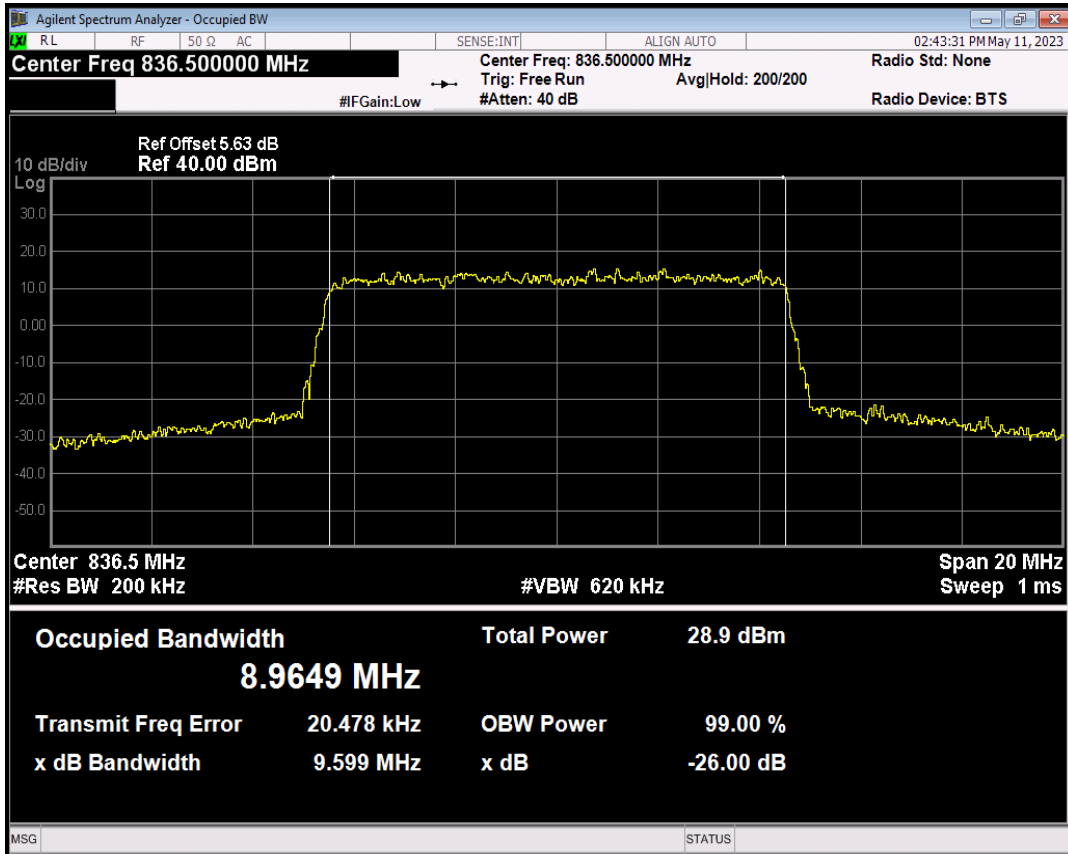
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



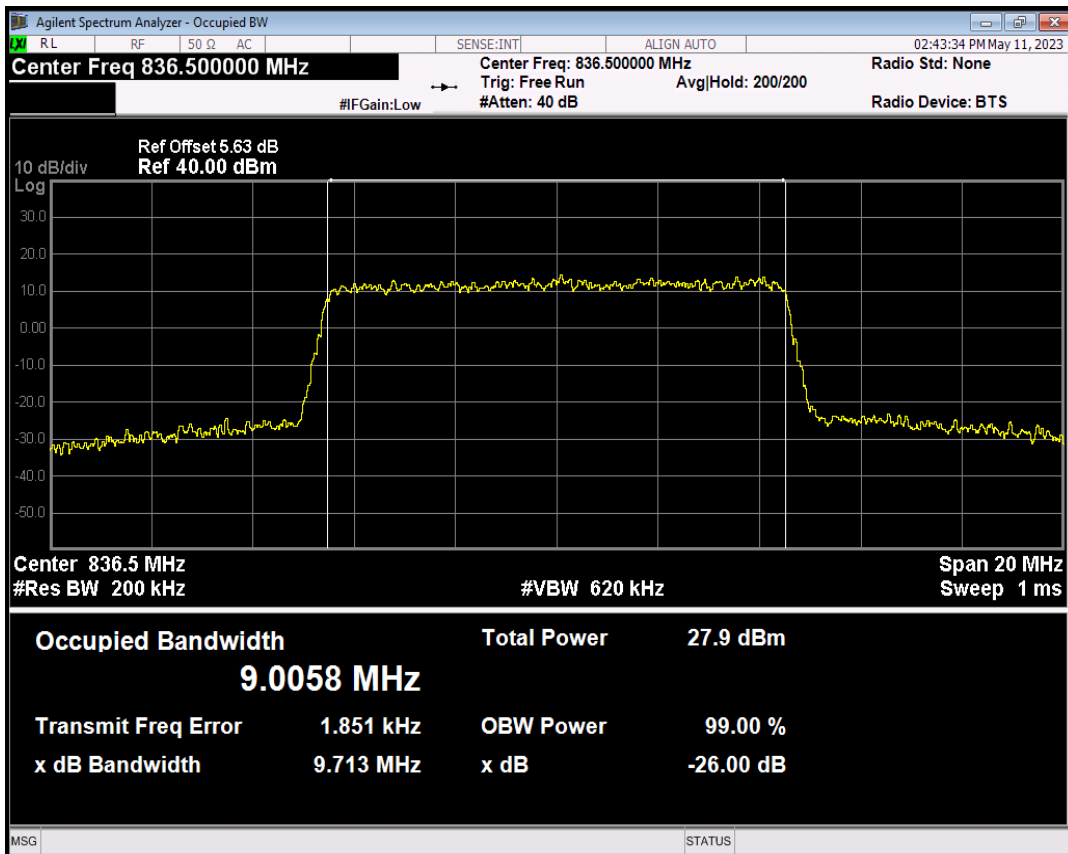
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



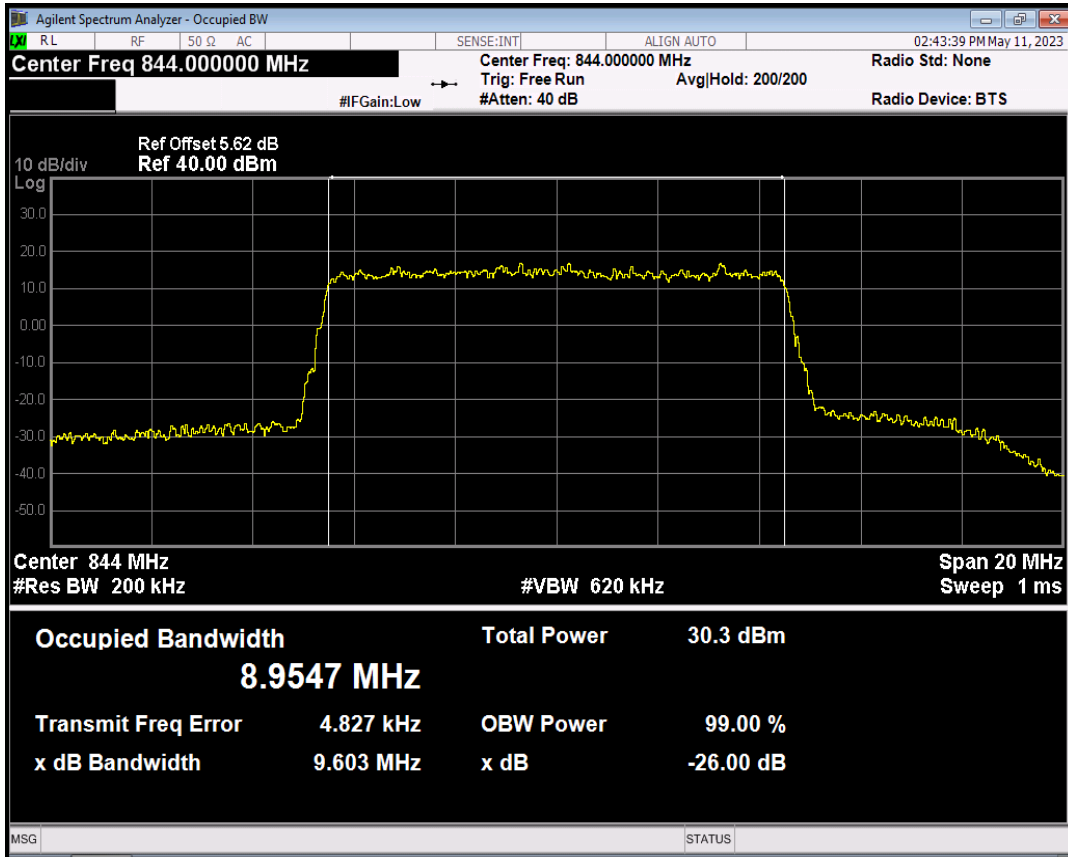
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



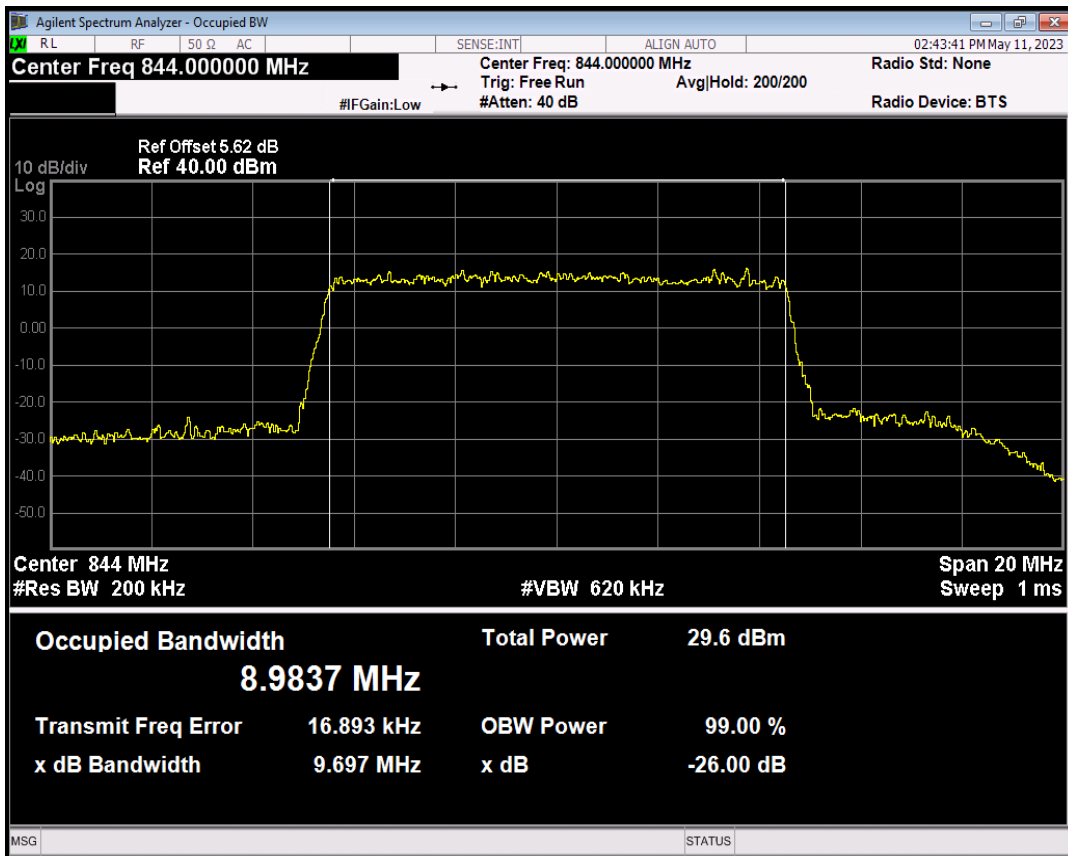
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



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



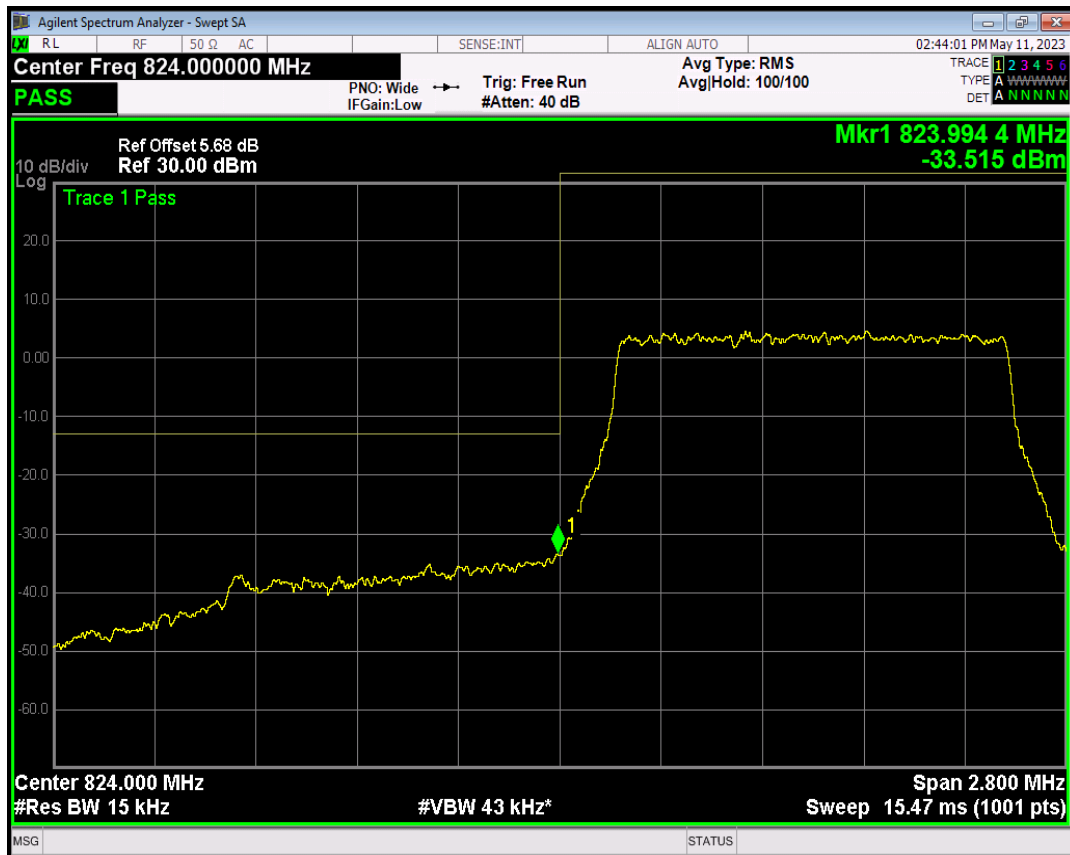
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



Appendix 5. Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	823.99	-33.51	-13	PASS
Band5	1.4	20407	6	#0	16QAM	823.99	-34.60	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.00	-33.77	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.00	-33.51	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-28.75	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-31.62	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-28.70	-13	PASS
Band5	3	20635	15	#0	16QAM	849.00	-28.60	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-34.56	-13	PASS
Band5	5	20425	25	#0	16QAM	824.00	-33.85	-13	PASS
Band5	5	20625	25	#0	QPSK	849.25	-32.71	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-32.72	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-36.16	-13	PASS
Band5	10	20450	50	#0	16QAM	824.00	-37.30	-13	PASS
Band5	10	20600	50	#0	QPSK	849.28	-33.26	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-33.42	-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

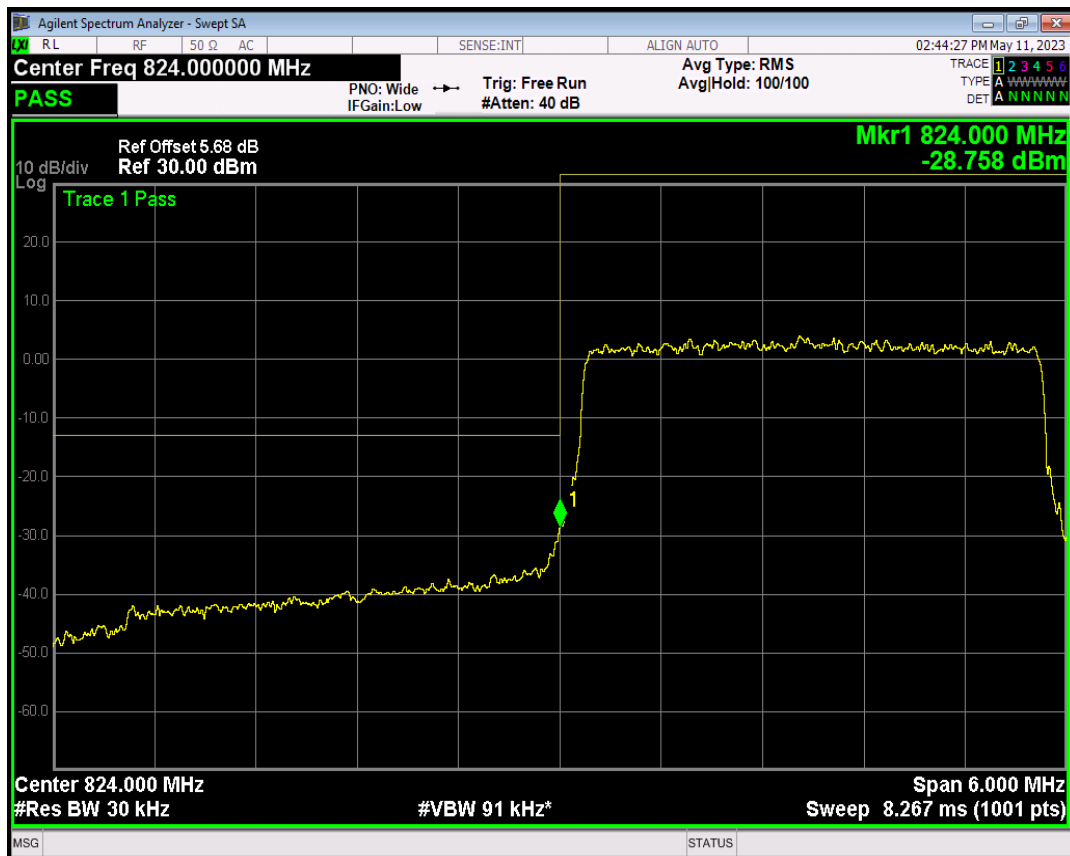




Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0

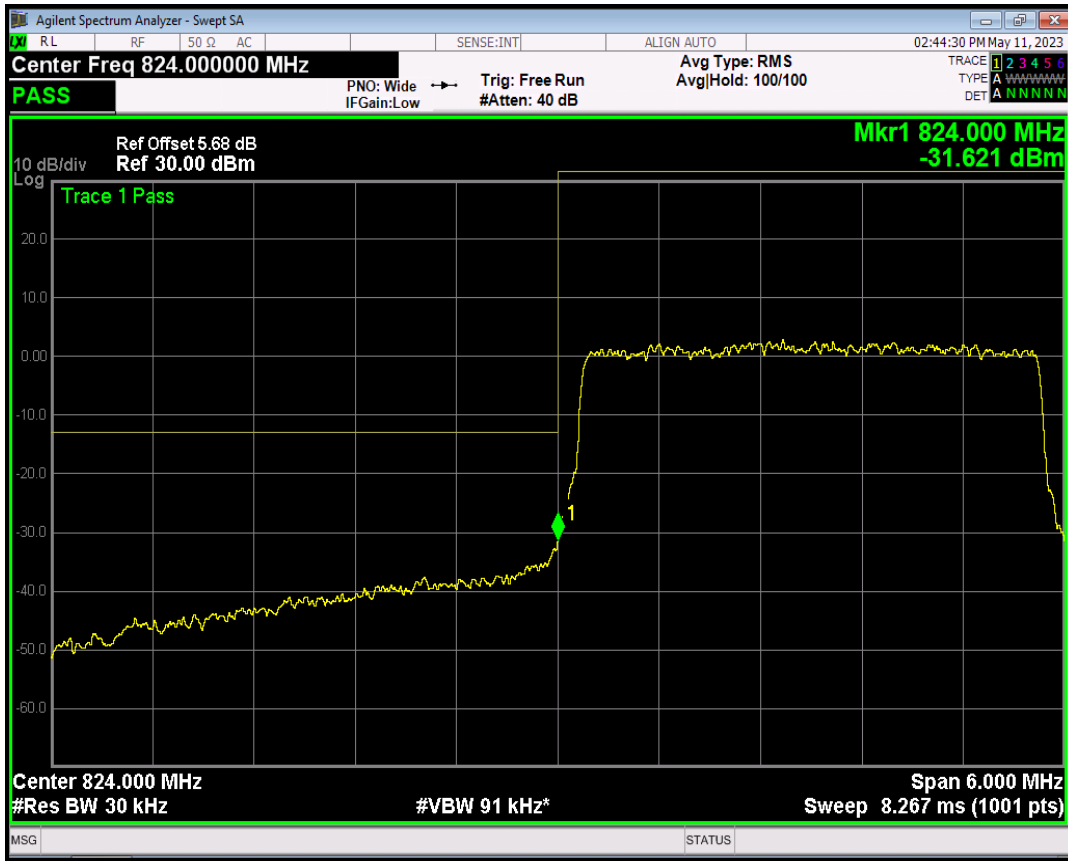


Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0





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

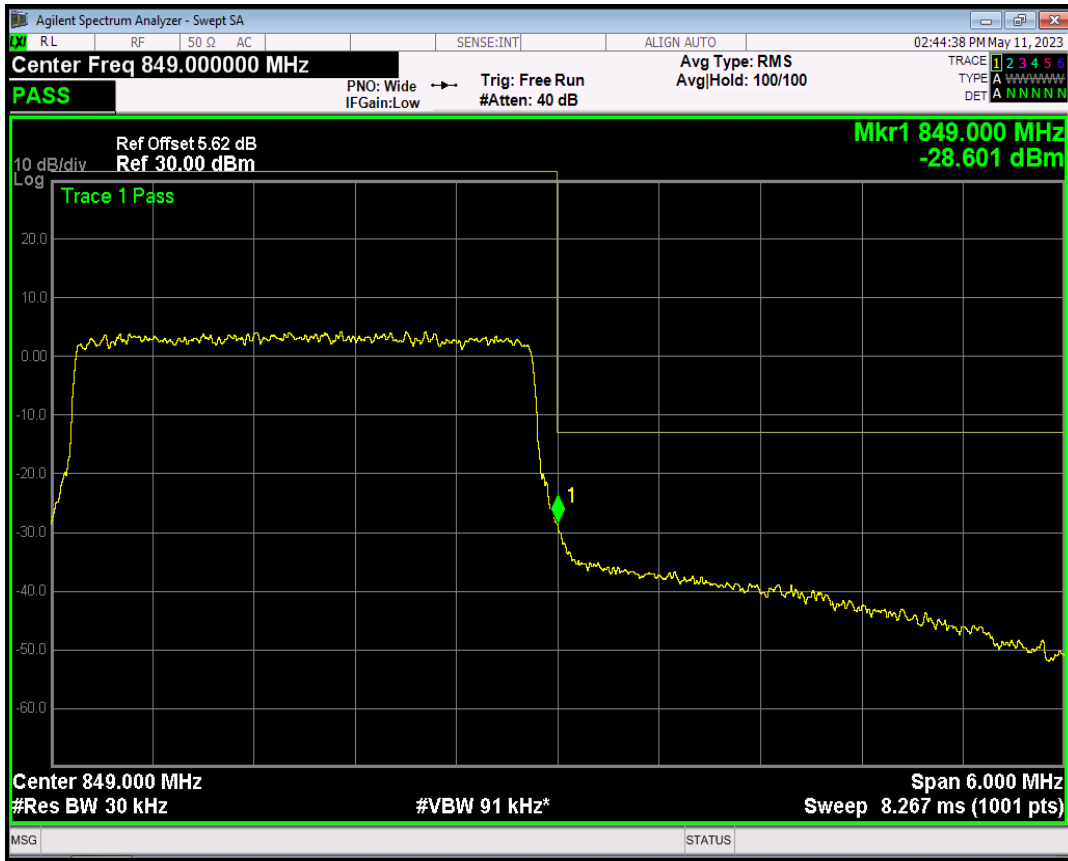


Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

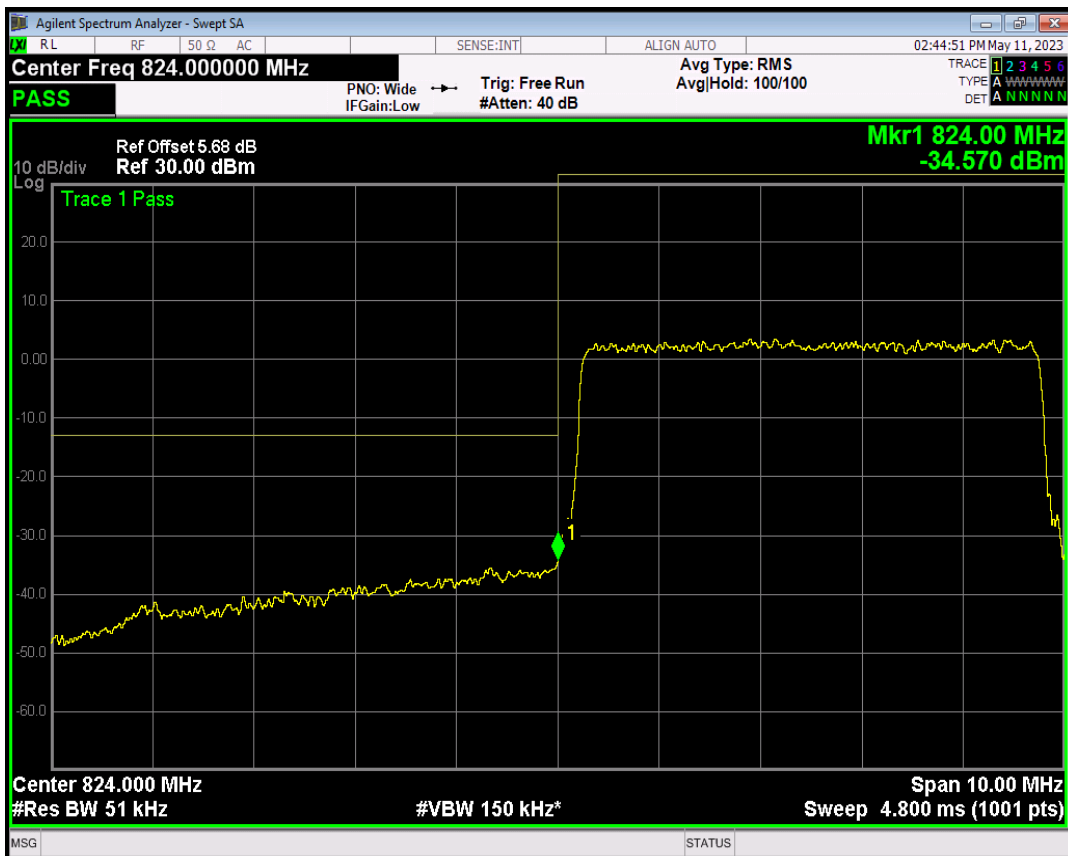




Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0

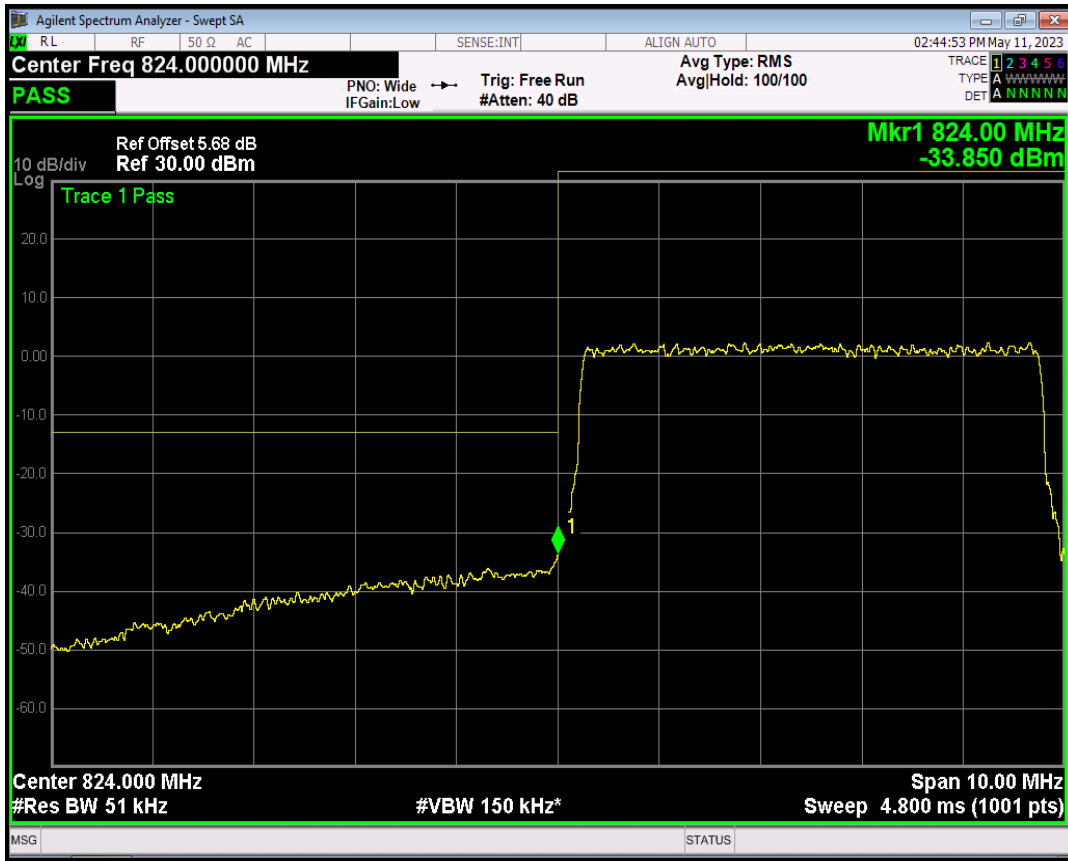


Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0

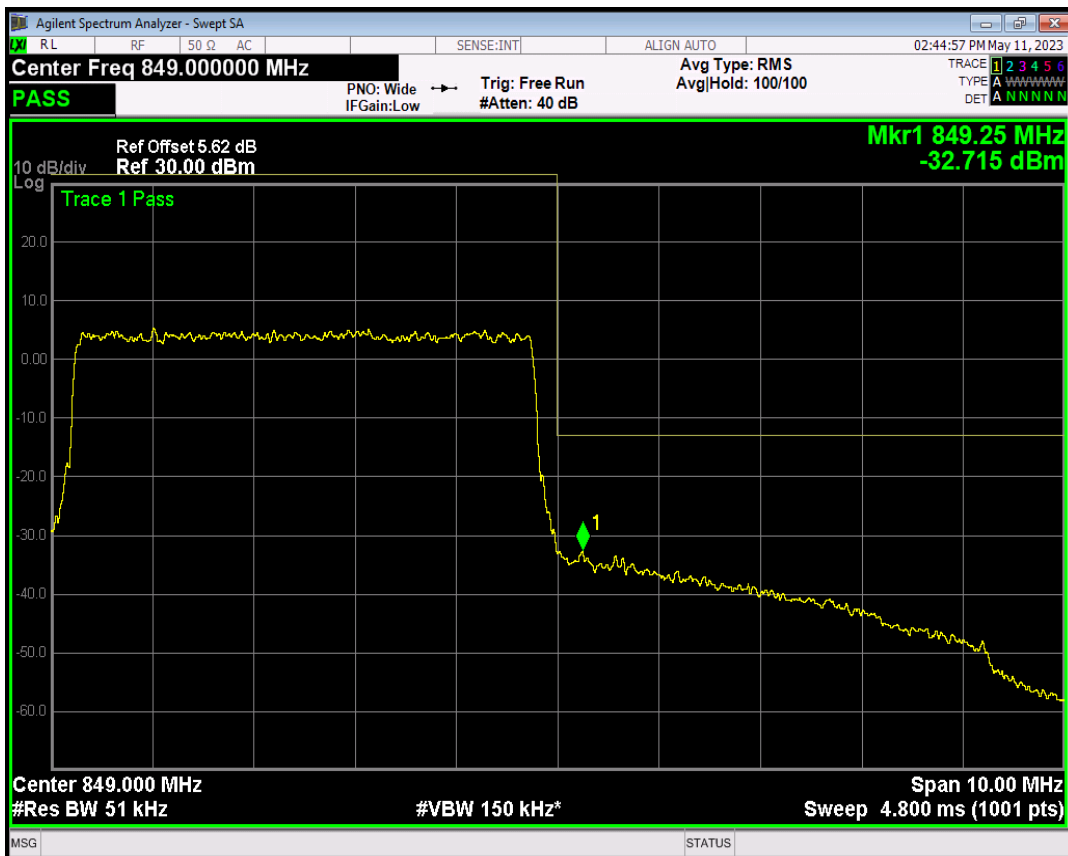




Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0

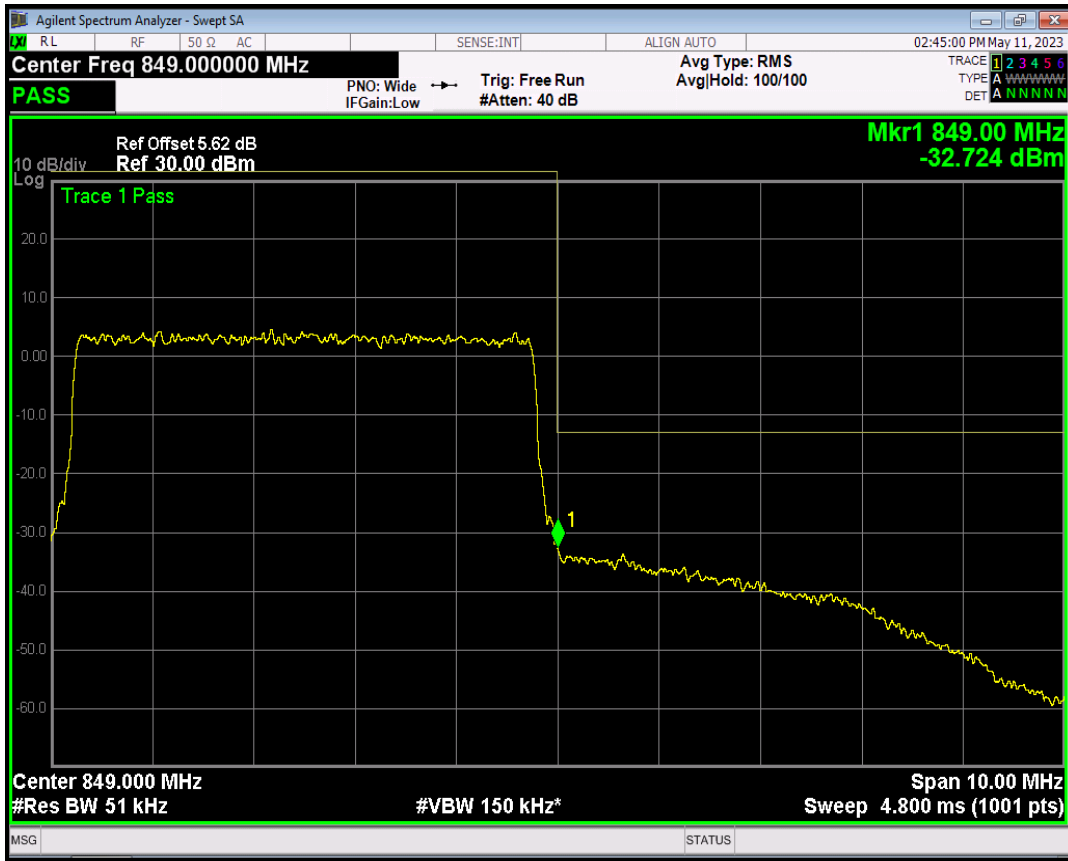


Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

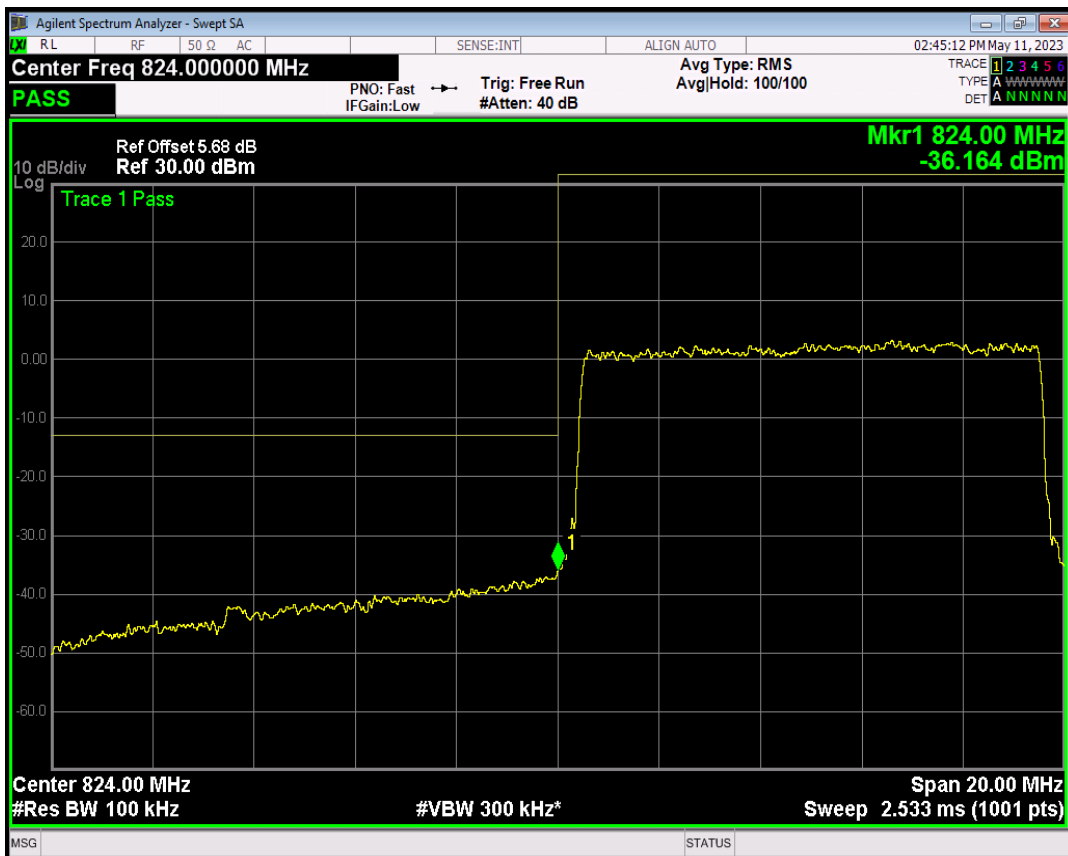




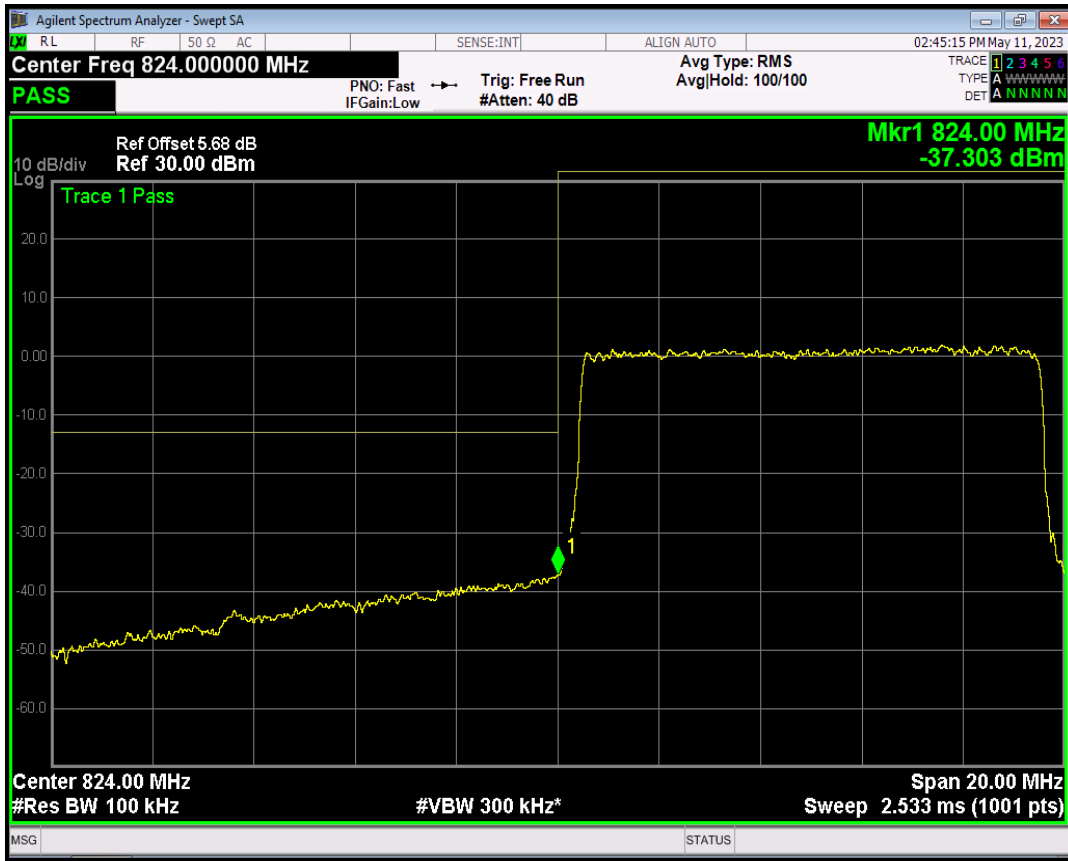
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



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

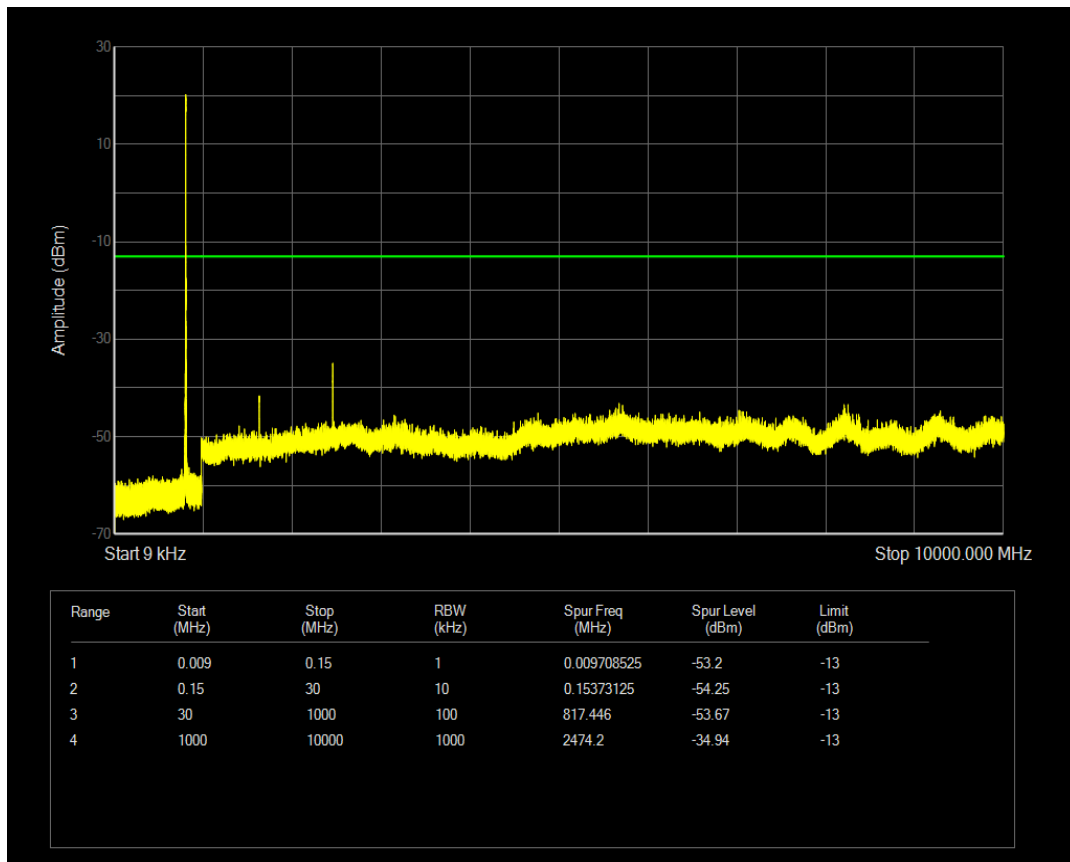


Appendix 6. Out-of-band emissions

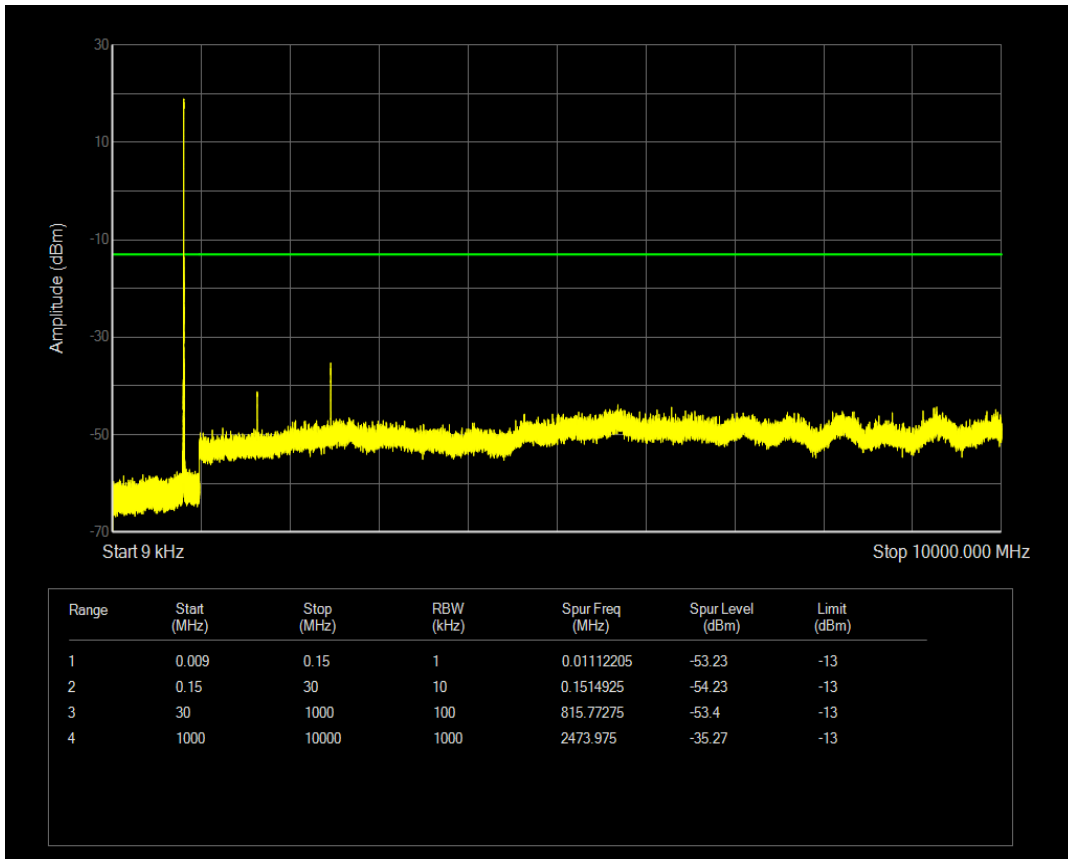
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	2474.20	-34.94	-13	PASS
Band5	1.4	20407	6	#0	16QAM	2473.98	-35.27	-13	PASS
Band5	1.4	20525	6	#0	QPSK	2509.98	-34.81	-13	PASS
Band5	1.4	20525	6	#0	16QAM	2509.75	-34.86	-13	PASS
Band5	1.4	20643	6	#0	QPSK	2545.08	-27.09	-13	PASS
Band5	1.4	20643	6	#0	16QAM	2545.08	-30.40	-13	PASS
Band5	3	20415	15	#0	QPSK	2477.58	-38.83	-13	PASS
Band5	3	20415	15	#0	16QAM	2478.03	-38.63	-13	PASS
Band5	3	20525	15	#0	QPSK	2508.63	-39.05	-13	PASS
Band5	3	20525	15	#0	16QAM	2508.85	-39.76	-13	PASS
Band5	3	20635	15	#0	QPSK	2543.95	-33.87	-13	PASS
Band5	3	20635	15	#0	16QAM	2543.05	-33.41	-13	PASS
Band5	5	20425	25	#0	QPSK	2480.50	-40.59	-13	PASS
Band5	5	20425	25	#0	16QAM	2480.28	-39.74	-13	PASS
Band5	5	20525	25	#0	QPSK	2510.43	-41.49	-13	PASS
Band5	5	20525	25	#0	16QAM	2511.78	-42.01	-13	PASS

Band5	5	20625	25	#0	QPSK	2540.35	-37.28	-13	PASS
Band5	5	20625	25	#0	16QAM	2540.13	-35.31	-13	PASS
Band5	10	20450	50	#0	QPSK	5725.68	-43.69	-13	PASS
Band5	10	20450	50	#0	16QAM	5704.08	-43.79	-13	PASS
Band5	10	20525	50	#0	QPSK	2510.43	-43.73	-13	PASS
Band5	10	20525	50	#0	16QAM	8228.58	-43.81	-13	PASS
Band5	10	20600	50	#0	QPSK	2533.15	-39.92	-13	PASS
Band5	10	20600	50	#0	16QAM	2535.40	-40.34	-13	PASS

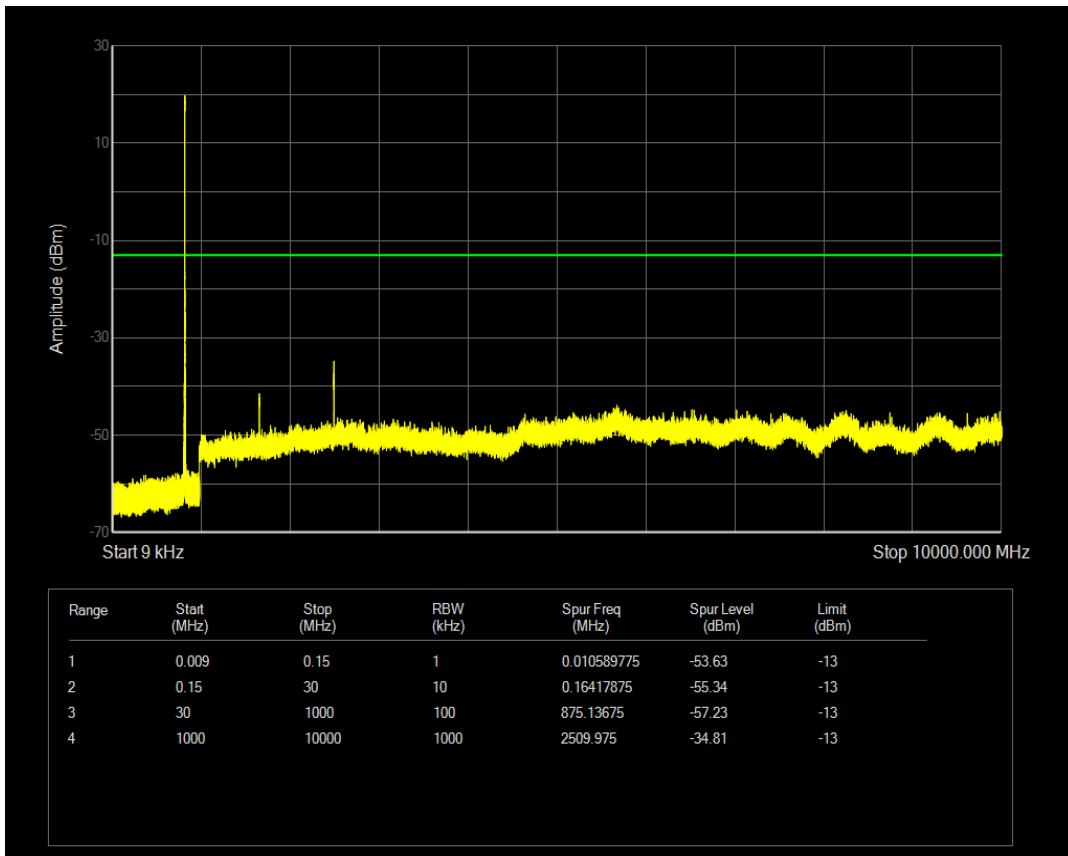
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



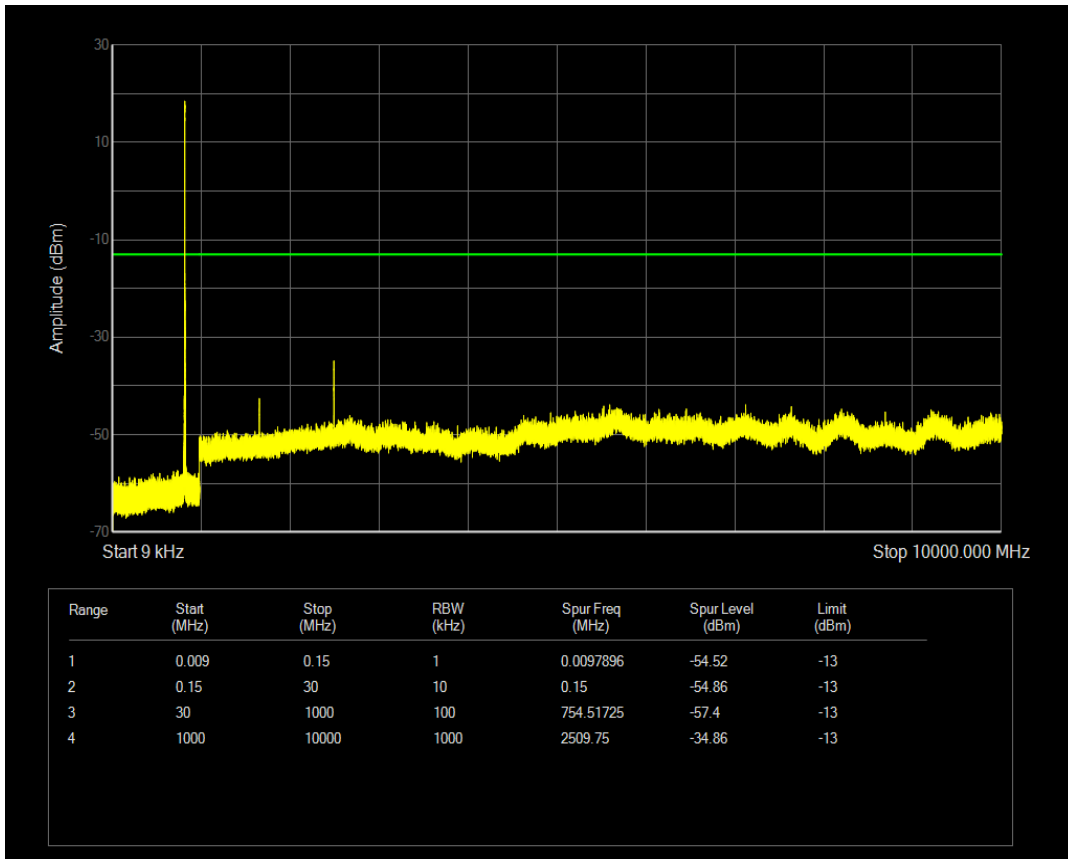
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



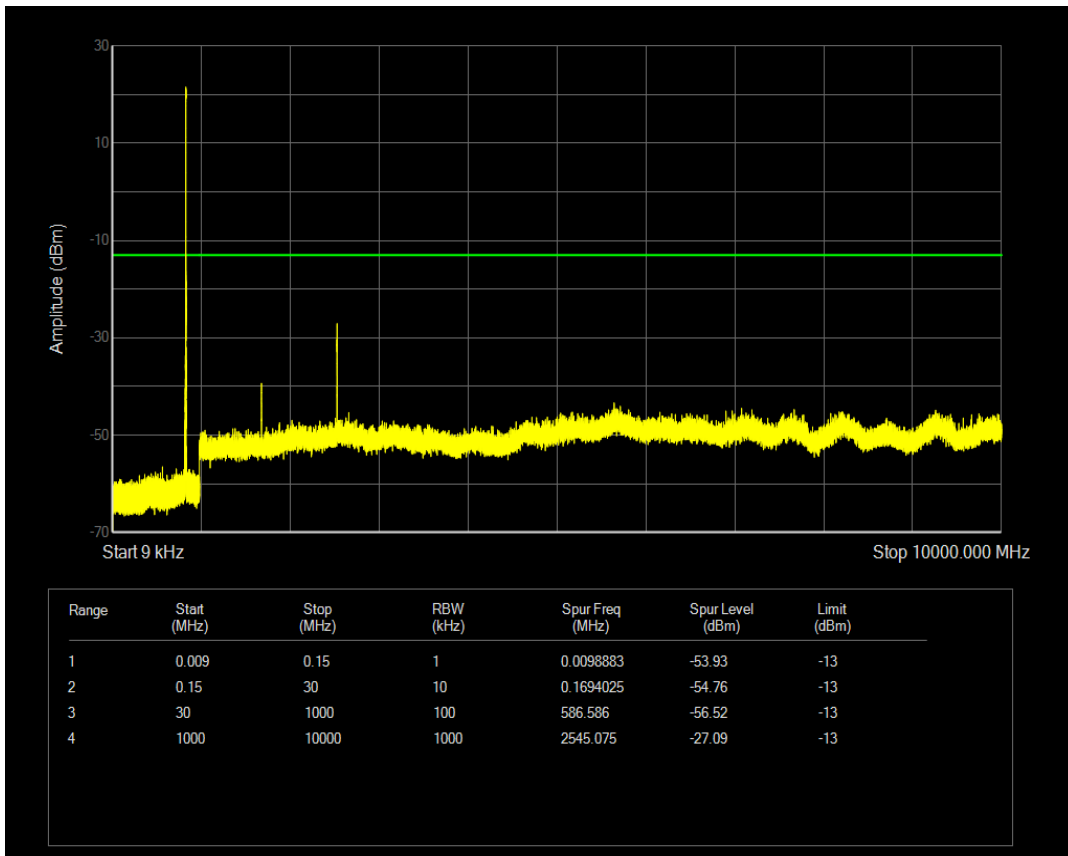
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



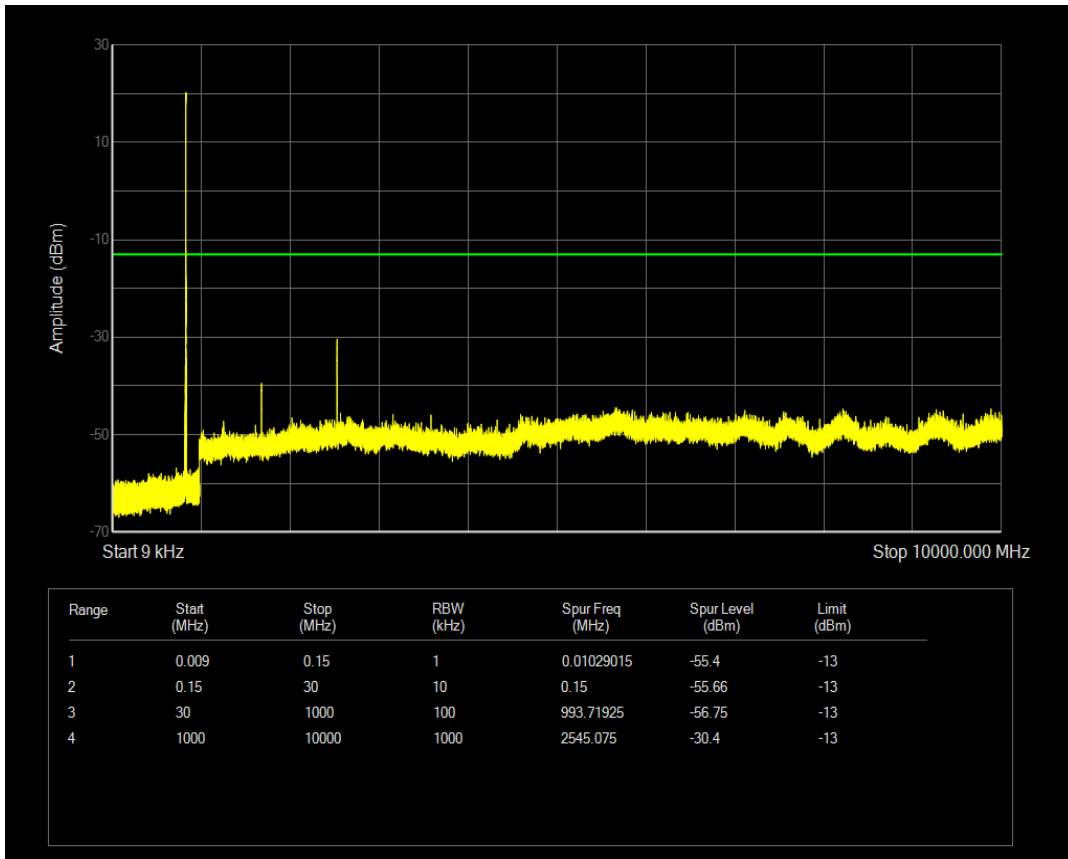
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



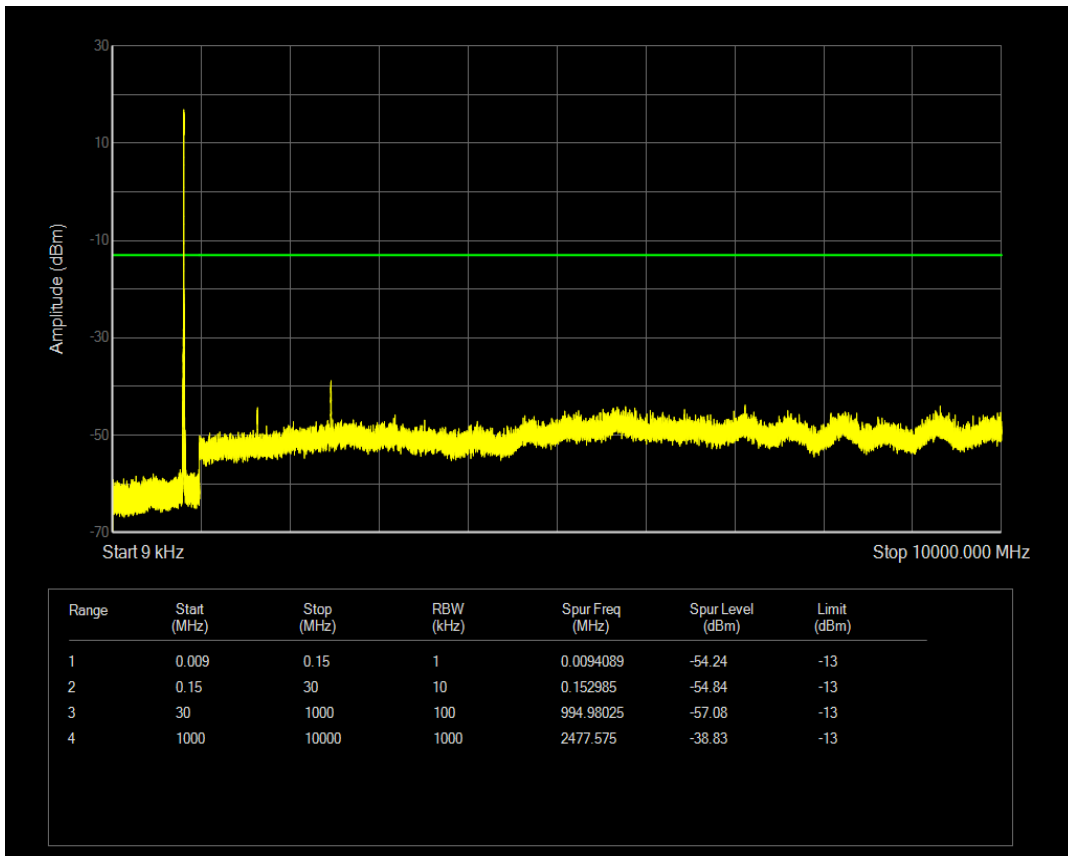
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



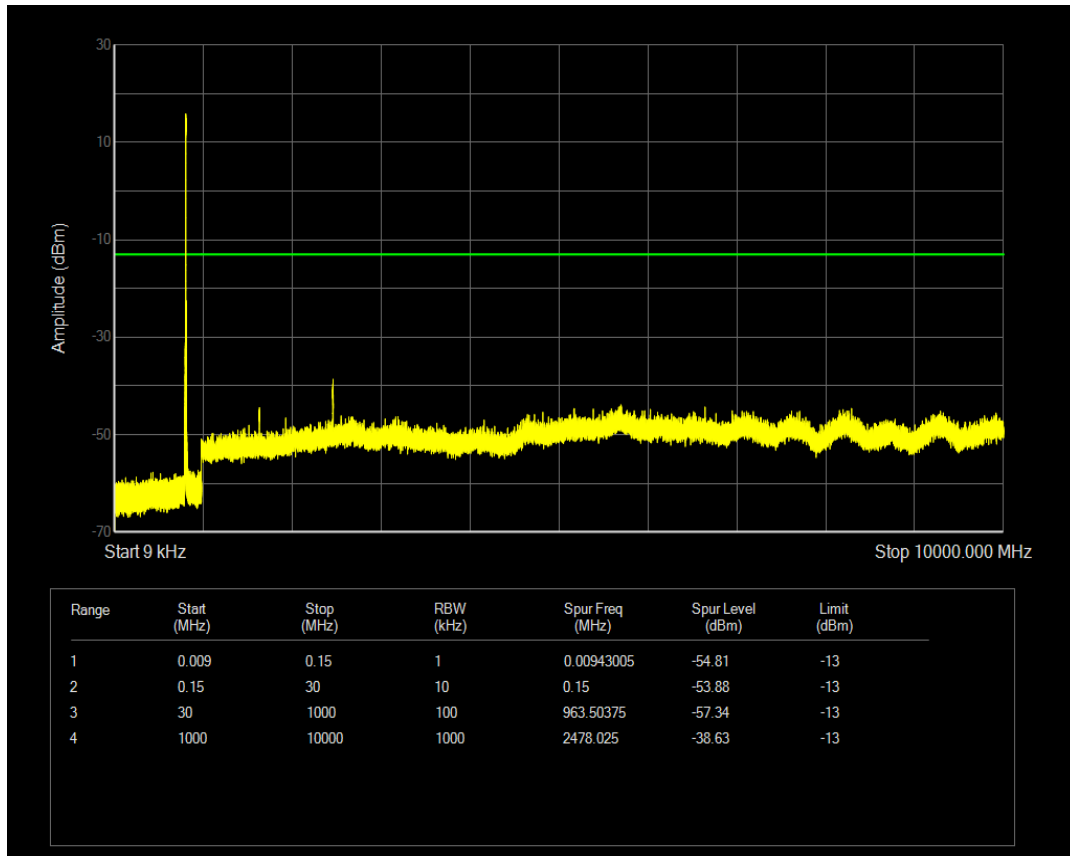
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



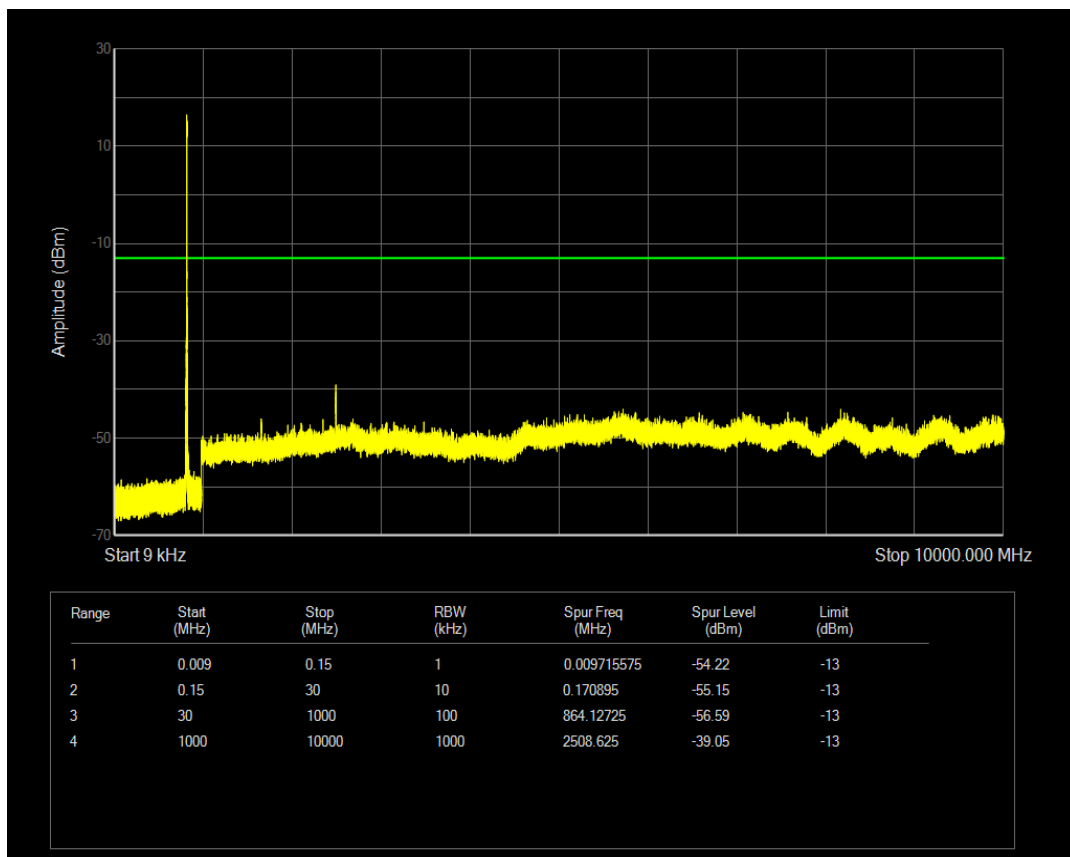
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



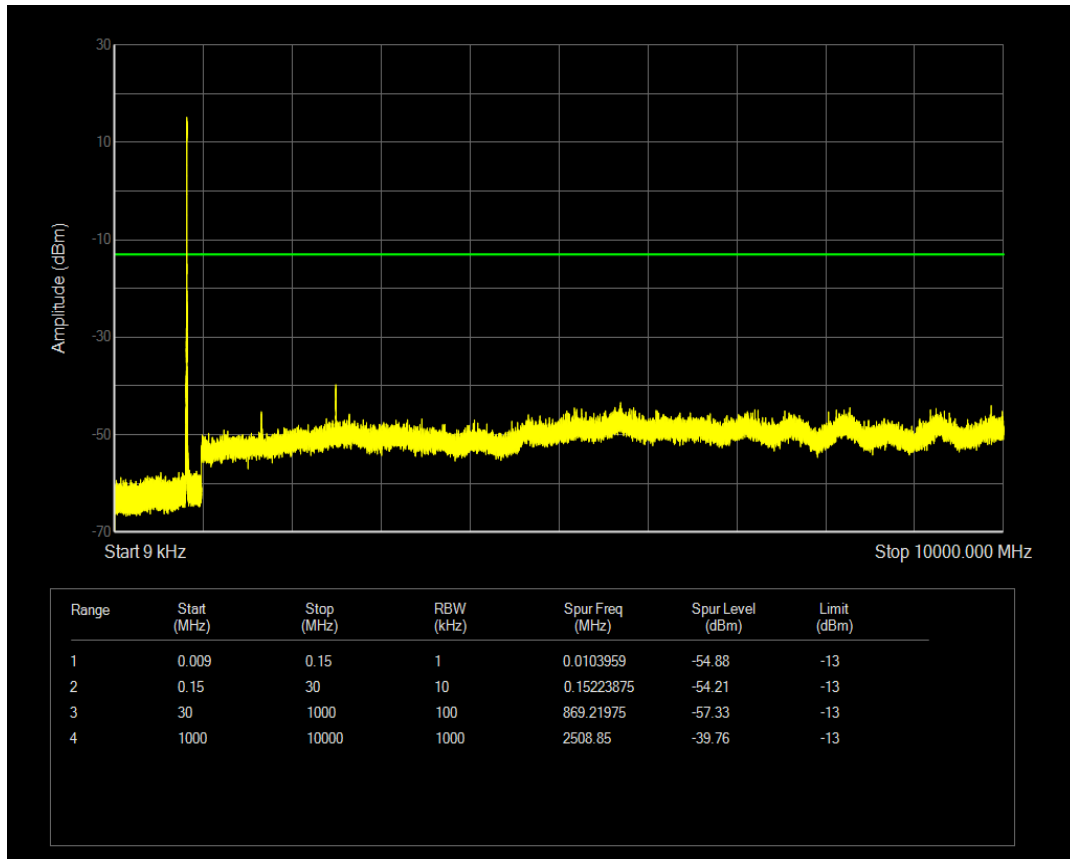
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



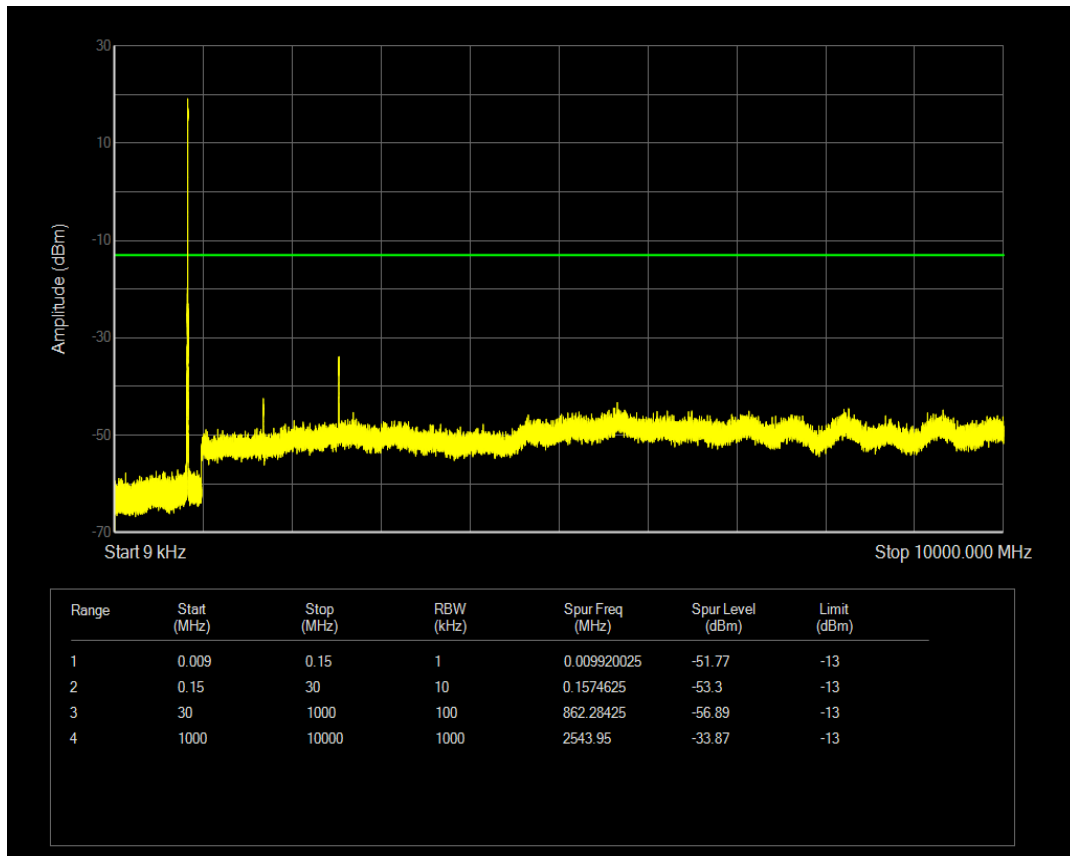
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



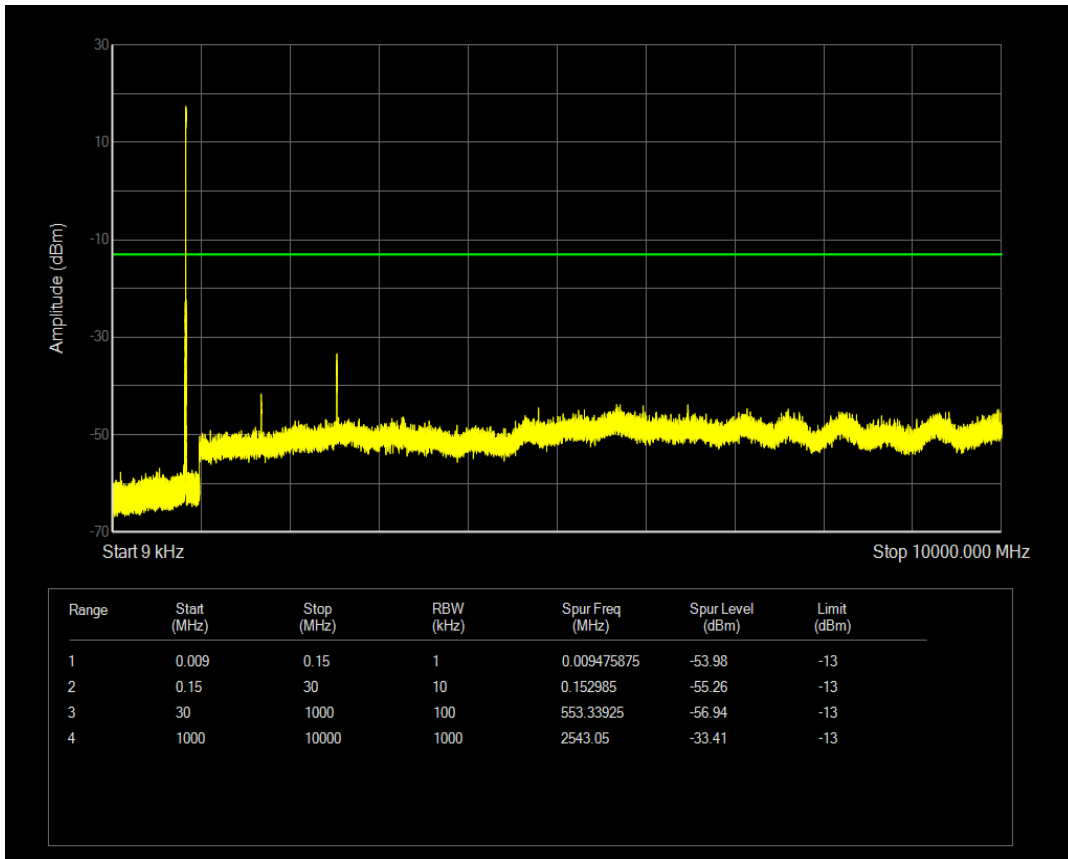
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



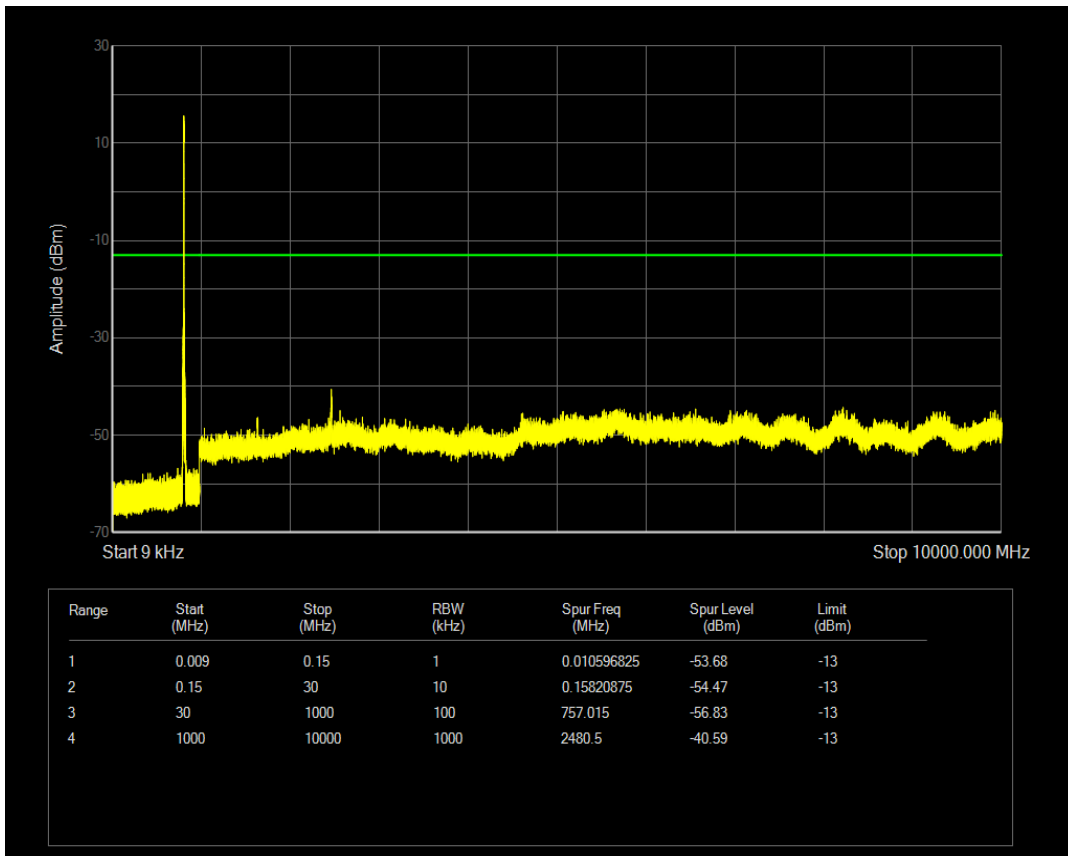
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



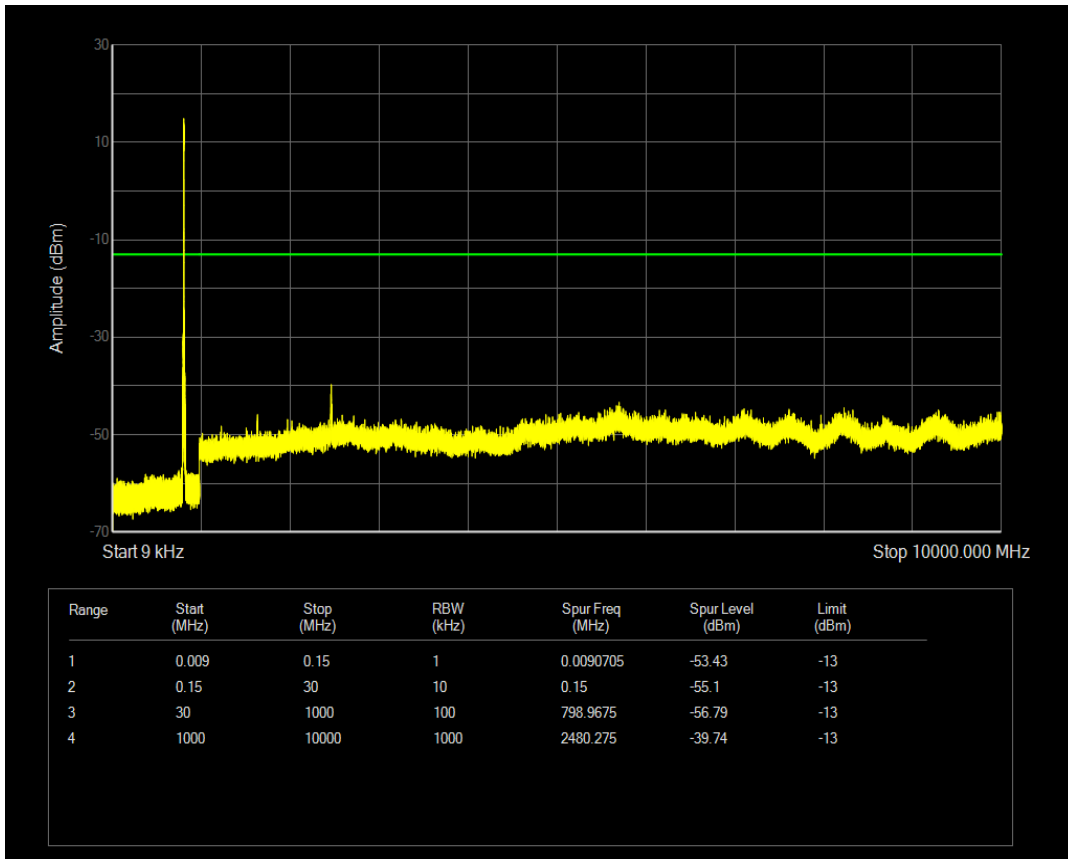
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



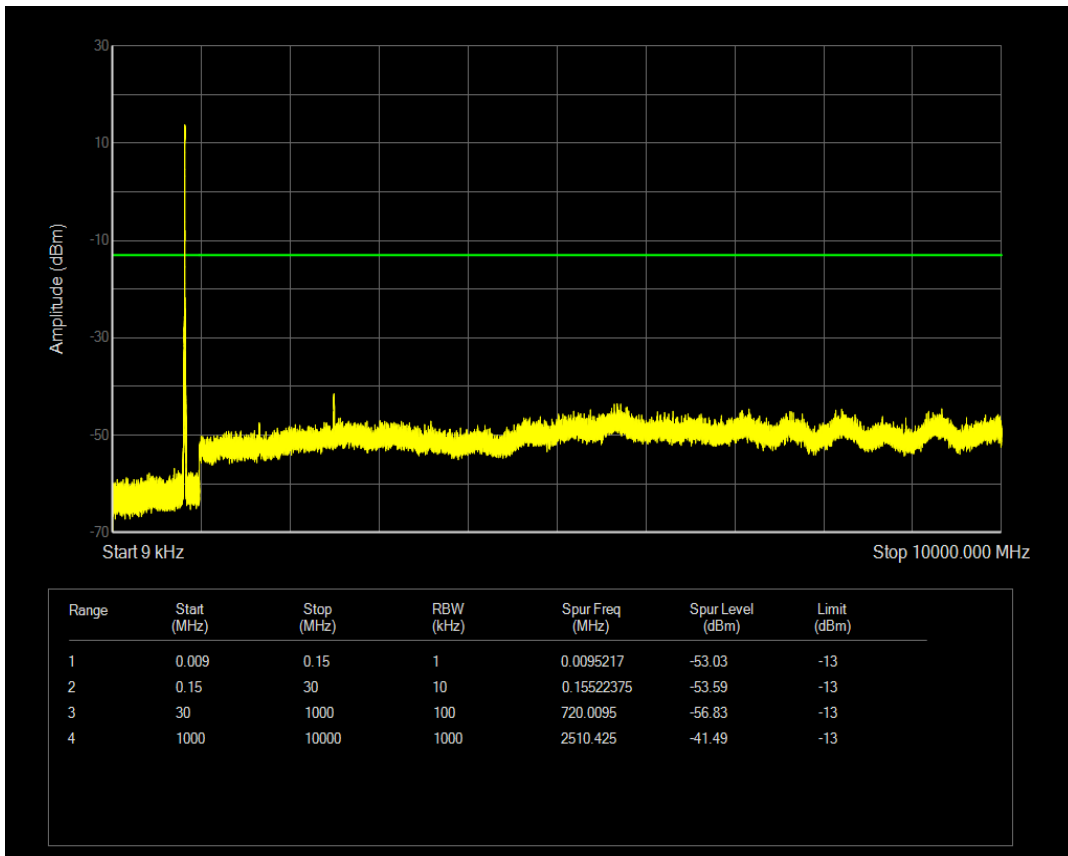
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



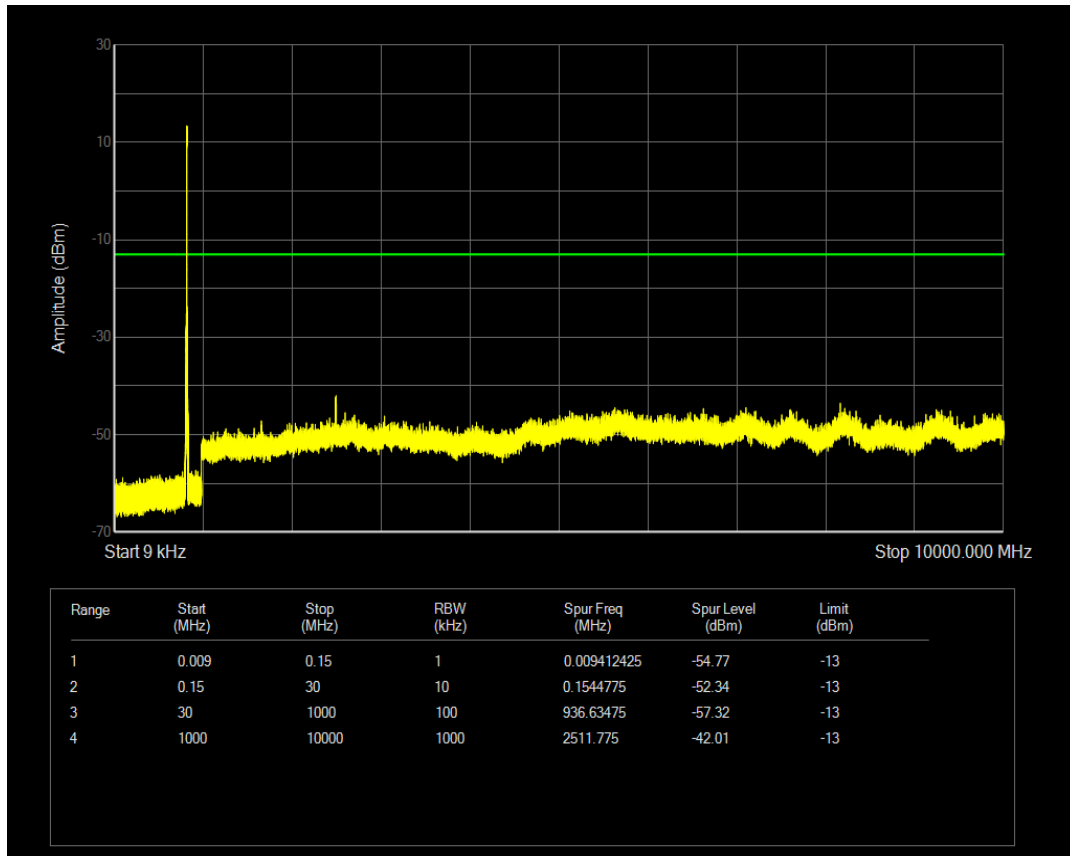
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



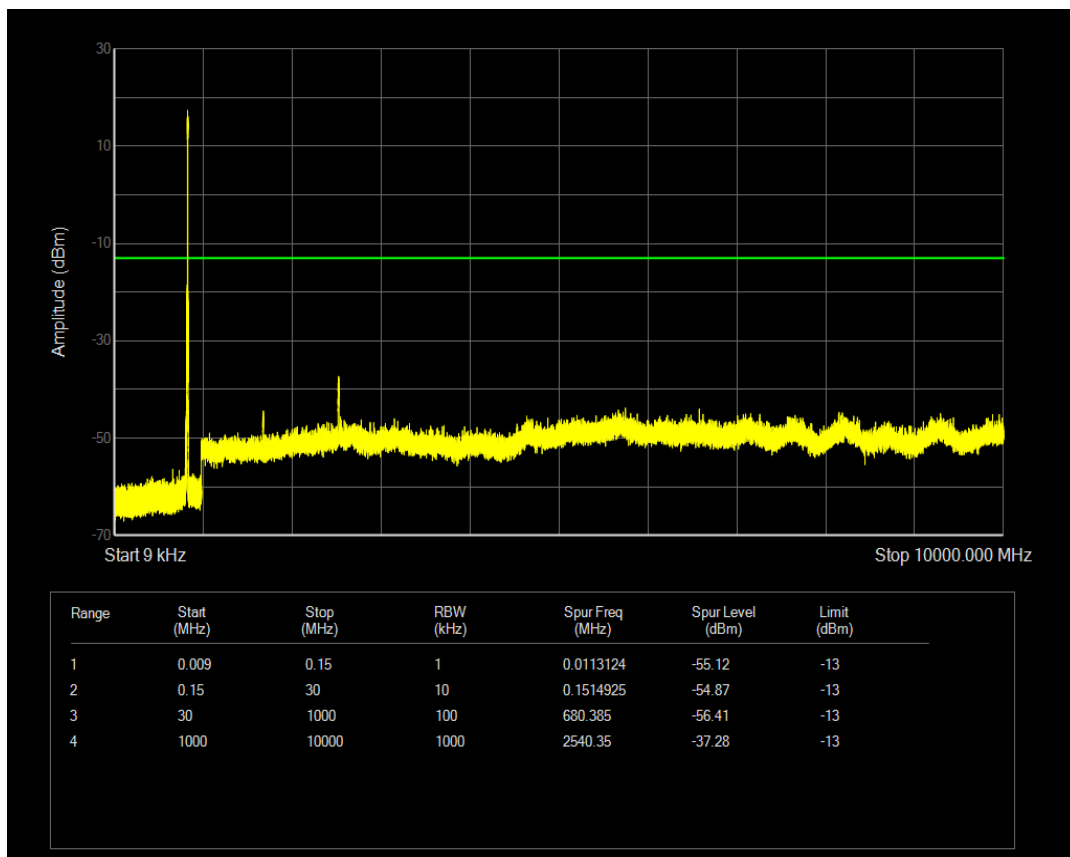
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



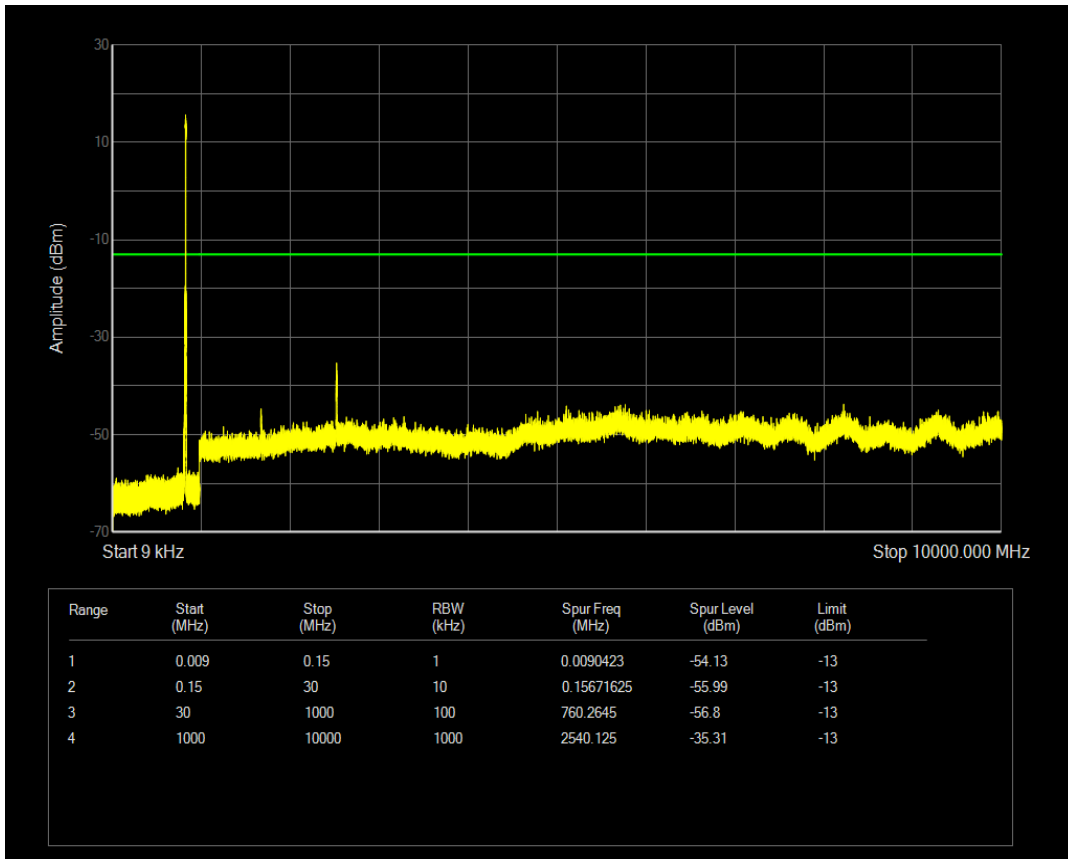
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



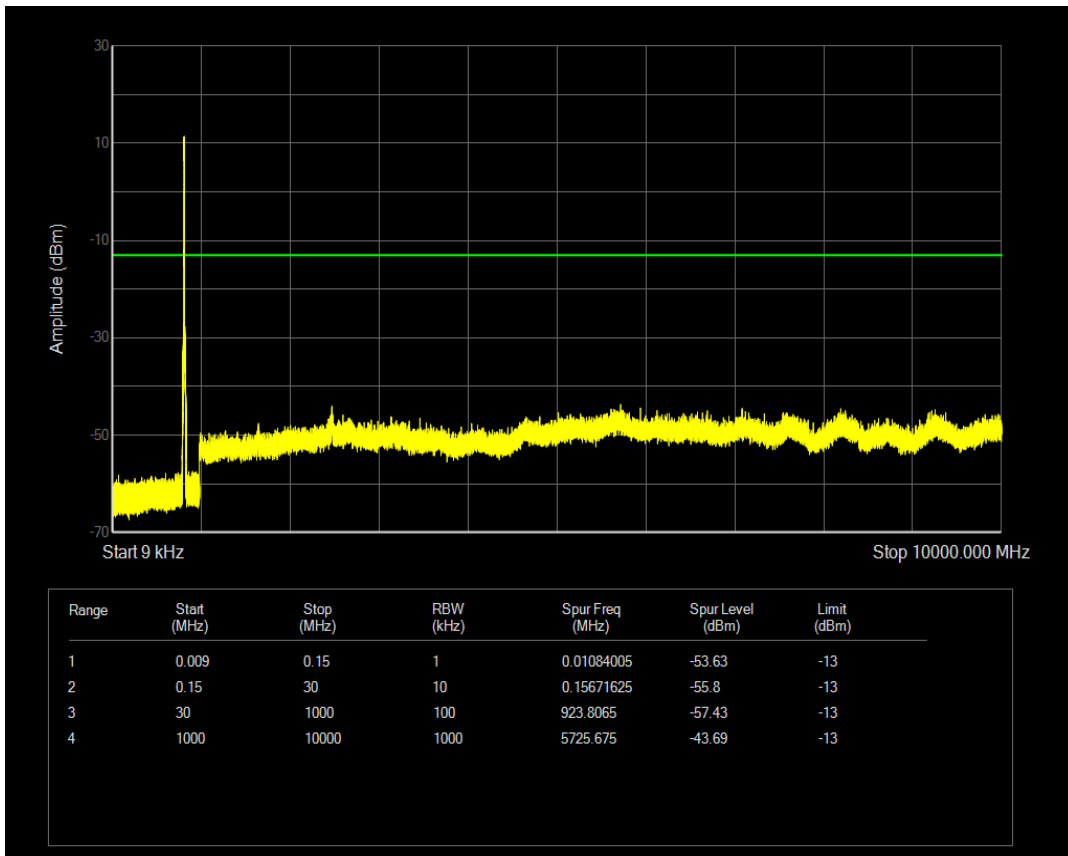
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



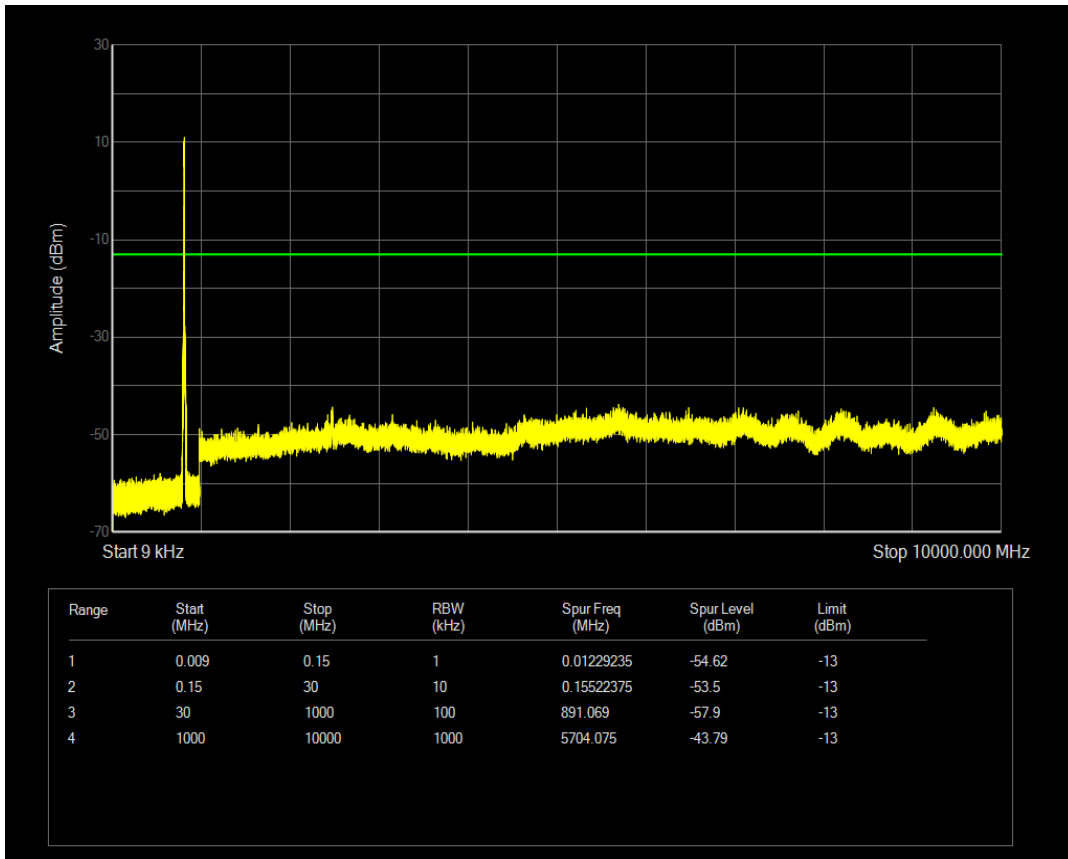
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



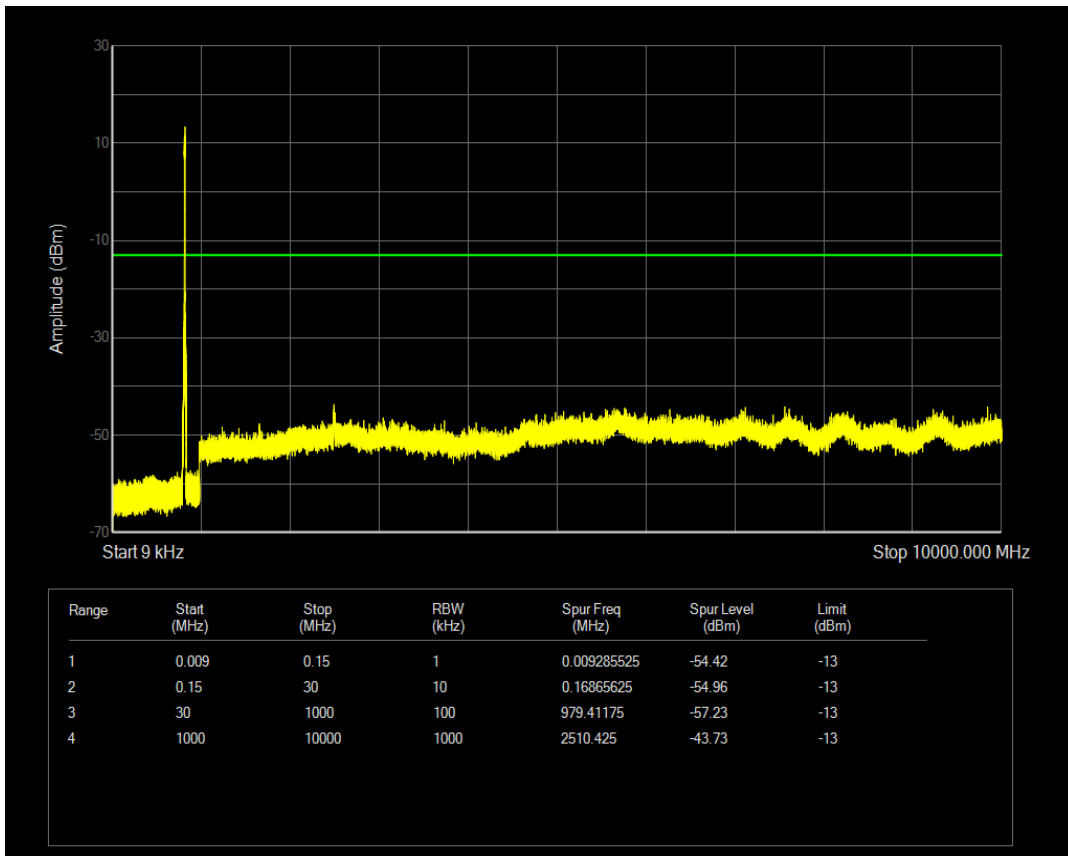
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



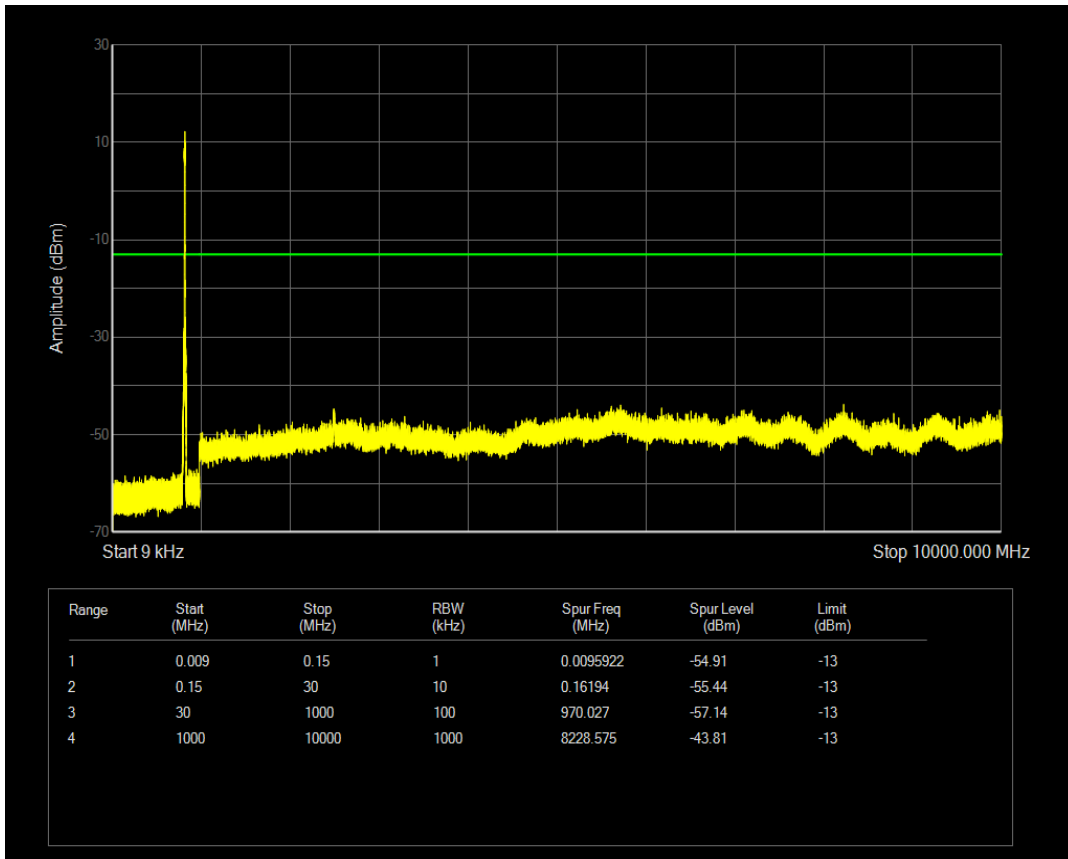
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



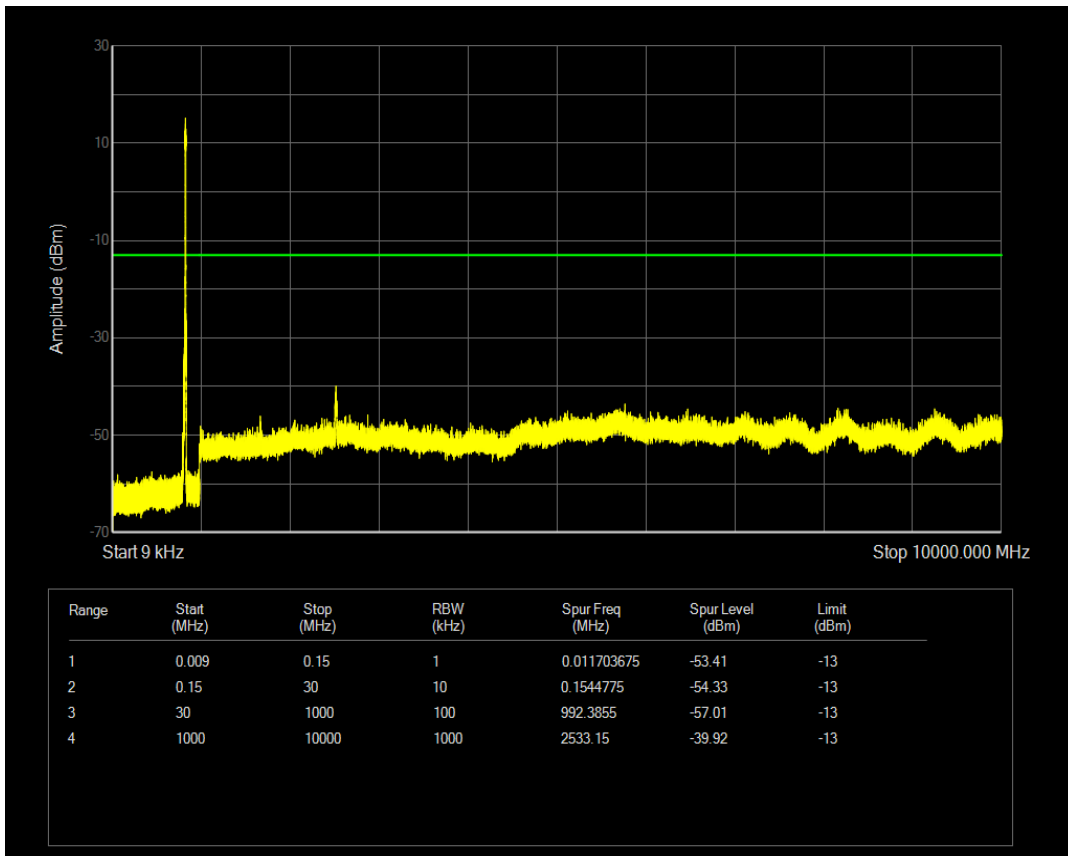
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



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

