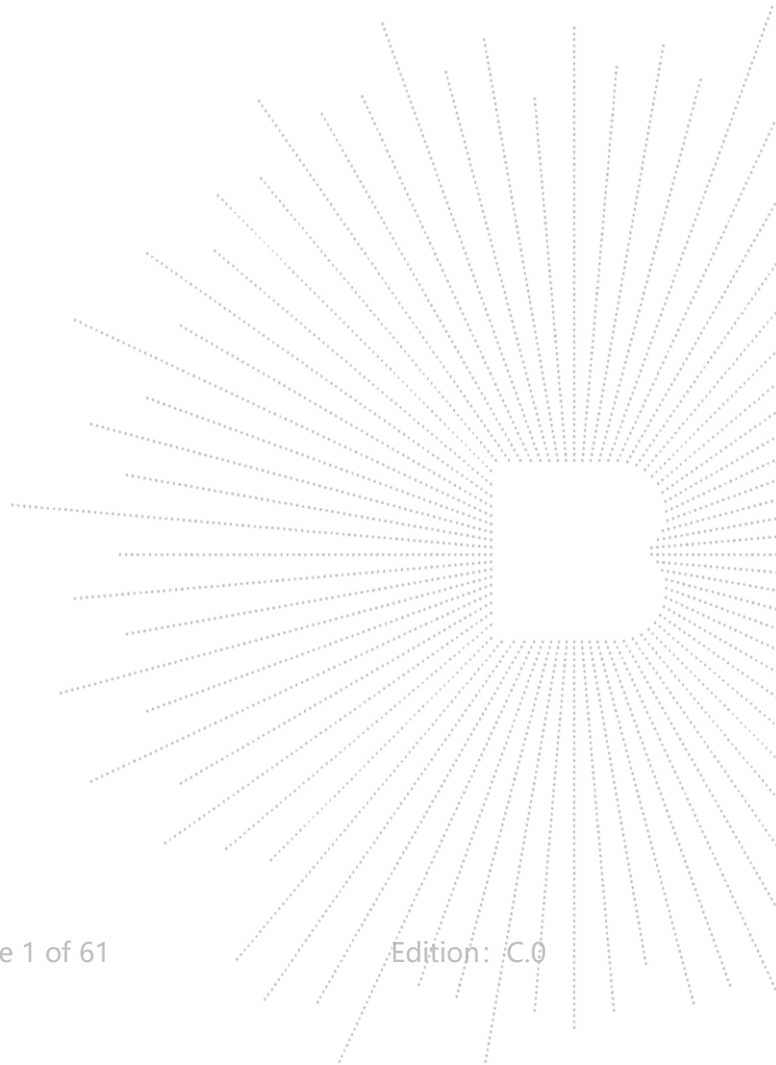


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Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	23.25	-0.28	20.82	PASS
Band5	1.4	20407	1	#Mid	QPSK	23.35	-0.28	20.92	PASS
Band5	1.4	20407	1	#Max	QPSK	23.36	-0.28	20.93	PASS
Band5	1.4	20407	3	#0	QPSK	23.29	-0.28	20.86	PASS
Band5	1.4	20407	3	#Mid	QPSK	23.26	-0.28	20.83	PASS
Band5	1.4	20407	3	#Max	QPSK	23.35	-0.28	20.92	PASS
Band5	1.4	20407	6	#0	QPSK	22.29	-0.28	19.86	PASS
Band5	1.4	20407	1	#0	16QAM	22.49	-0.28	20.06	PASS
Band5	1.4	20407	1	#Mid	16QAM	22.56	-0.28	20.13	PASS
Band5	1.4	20407	1	#Max	16QAM	22.57	-0.28	20.14	PASS
Band5	1.4	20407	3	#0	16QAM	22.51	-0.28	20.08	PASS
Band5	1.4	20407	3	#Mid	16QAM	22.52	-0.28	20.09	PASS
Band5	1.4	20407	3	#Max	16QAM	22.57	-0.28	20.14	PASS
Band5	1.4	20407	6	#0	16QAM	21.44	-0.28	19.01	PASS
Band5	1.4	20525	1	#0	QPSK	23.47	-0.28	21.04	PASS
Band5	1.4	20525	1	#Mid	QPSK	23.50	-0.28	21.07	PASS
Band5	1.4	20525	1	#Max	QPSK	23.44	-0.28	21.01	PASS
Band5	1.4	20525	3	#0	QPSK	23.46	-0.28	21.03	PASS
Band5	1.4	20525	3	#Mid	QPSK	23.46	-0.28	21.03	PASS
Band5	1.4	20525	3	#Max	QPSK	23.44	-0.28	21.01	PASS
Band5	1.4	20525	6	#0	QPSK	22.47	-0.28	20.04	PASS
Band5	1.4	20525	1	#0	16QAM	22.34	-0.28	19.91	PASS
Band5	1.4	20525	1	#Mid	16QAM	22.38	-0.28	19.95	PASS
Band5	1.4	20525	1	#Max	16QAM	22.38	-0.28	19.95	PASS
Band5	1.4	20525	3	#0	16QAM	22.61	-0.28	20.18	PASS
Band5	1.4	20525	3	#Mid	16QAM	22.63	-0.28	20.20	PASS
Band5	1.4	20525	3	#Max	16QAM	22.61	-0.28	20.18	PASS
Band5	1.4	20525	6	#0	16QAM	21.59	-0.28	19.16	PASS
Band5	1.4	20643	1	#0	QPSK	23.39	-0.28	20.96	PASS
Band5	1.4	20643	1	#Mid	QPSK	23.40	-0.28	20.97	PASS
Band5	1.4	20643	1	#Max	QPSK	23.35	-0.28	20.92	PASS
Band5	1.4	20643	3	#0	QPSK	23.32	-0.28	20.89	PASS
Band5	1.4	20643	3	#Mid	QPSK	23.32	-0.28	20.89	PASS
Band5	1.4	20643	3	#Max	QPSK	23.34	-0.28	20.91	PASS
Band5	1.4	20643	6	#0	QPSK	22.36	-0.28	19.93	PASS
Band5	1.4	20643	1	#0	16QAM	22.55	-0.28	20.12	PASS
Band5	1.4	20643	1	#Mid	16QAM	22.56	-0.28	20.13	PASS

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Band5	1.4	20643	1	#Max	16QAM	22.54	-0.28	20.11	PASS
Band5	1.4	20643	3	#0	16QAM	22.56	-0.28	20.13	PASS
Band5	1.4	20643	3	#Mid	16QAM	22.54	-0.28	20.11	PASS
Band5	1.4	20643	3	#Max	16QAM	22.53	-0.28	20.10	PASS
Band5	1.4	20643	6	#0	16QAM	21.54	-0.28	19.11	PASS
Band5	3	20415	1	#0	QPSK	23.29	-0.28	20.86	PASS
Band5	3	20415	1	#Mid	QPSK	23.41	-0.28	20.98	PASS
Band5	3	20415	1	#Max	QPSK	23.30	-0.28	20.87	PASS
Band5	3	20415	8	#0	QPSK	22.27	-0.28	19.84	PASS
Band5	3	20415	8	#Mid	QPSK	22.24	-0.28	19.81	PASS
Band5	3	20415	8	#Max	QPSK	22.26	-0.28	19.83	PASS
Band5	3	20415	15	#0	QPSK	22.25	-0.28	19.82	PASS
Band5	3	20415	1	#0	16QAM	22.33	-0.28	19.90	PASS
Band5	3	20415	1	#Mid	16QAM	22.24	-0.28	19.81	PASS
Band5	3	20415	1	#Max	16QAM	22.29	-0.28	19.86	PASS
Band5	3	20415	8	#0	16QAM	21.28	-0.28	18.85	PASS
Band5	3	20415	8	#Mid	16QAM	21.22	-0.28	18.79	PASS
Band5	3	20415	8	#Max	16QAM	21.25	-0.28	18.82	PASS
Band5	3	20415	15	#0	16QAM	21.29	-0.28	18.86	PASS
Band5	3	20525	1	#0	QPSK	23.46	-0.28	21.03	PASS
Band5	3	20525	1	#Mid	QPSK	23.48	-0.28	21.05	PASS
Band5	3	20525	1	#Max	QPSK	23.42	-0.28	20.99	PASS
Band5	3	20525	8	#0	QPSK	22.37	-0.28	19.94	PASS
Band5	3	20525	8	#Mid	QPSK	22.40	-0.28	19.97	PASS
Band5	3	20525	8	#Max	QPSK	22.43	-0.28	20.00	PASS
Band5	3	20525	15	#0	QPSK	22.42	-0.28	19.99	PASS
Band5	3	20525	1	#0	16QAM	22.87	-0.28	20.44	PASS
Band5	3	20525	1	#Mid	16QAM	22.96	-0.28	20.53	PASS
Band5	3	20525	1	#Max	16QAM	22.90	-0.28	20.47	PASS
Band5	3	20525	8	#0	16QAM	21.40	-0.28	18.97	PASS
Band5	3	20525	8	#Mid	16QAM	21.45	-0.28	19.02	PASS
Band5	3	20525	8	#Max	16QAM	21.43	-0.28	19.00	PASS
Band5	3	20525	15	#0	16QAM	21.46	-0.28	19.03	PASS
Band5	3	20635	1	#0	QPSK	23.35	-0.28	20.92	PASS
Band5	3	20635	1	#Mid	QPSK	23.38	-0.28	20.95	PASS
Band5	3	20635	1	#Max	QPSK	23.33	-0.28	20.90	PASS
Band5	3	20635	8	#0	QPSK	22.33	-0.28	19.90	PASS
Band5	3	20635	8	#Mid	QPSK	22.35	-0.28	19.92	PASS
Band5	3	20635	8	#Max	QPSK	22.31	-0.28	19.88	PASS
Band5	3	20635	15	#0	QPSK	22.32	-0.28	19.89	PASS
Band5	3	20635	1	#0	16QAM	22.57	-0.28	20.14	PASS
Band5	3	20635	1	#Mid	16QAM	22.62	-0.28	20.19	PASS
Band5	3	20635	1	#Max	16QAM	22.55	-0.28	20.12	PASS

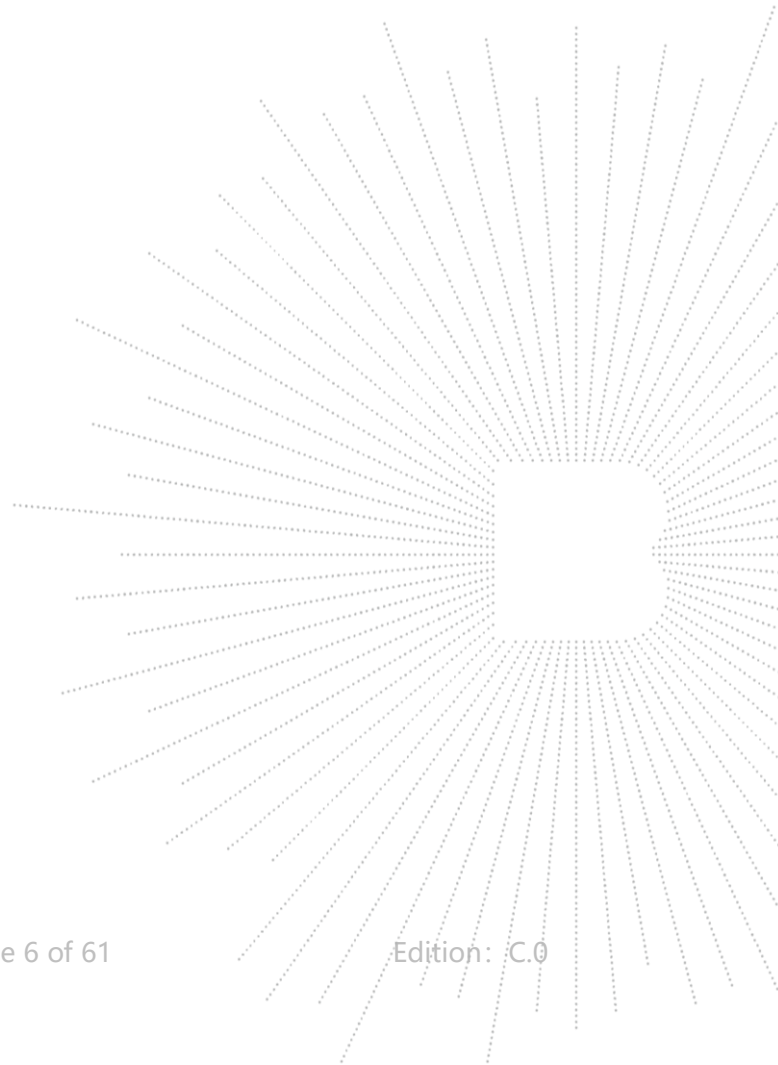
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Band5	3	20635	8	#0	16QAM	21.37	-0.28	18.94	PASS
Band5	3	20635	8	#Mid	16QAM	21.36	-0.28	18.93	PASS
Band5	3	20635	8	#Max	16QAM	21.32	-0.28	18.89	PASS
Band5	3	20635	15	#0	16QAM	21.29	-0.28	18.86	PASS
Band5	5	20425	1	#0	QPSK	23.30	-0.28	20.87	PASS
Band5	5	20425	1	#Mid	QPSK	23.35	-0.28	20.92	PASS
Band5	5	20425	1	#Max	QPSK	23.35	-0.28	20.92	PASS
Band5	5	20425	12	#0	QPSK	22.27	-0.28	19.84	PASS
Band5	5	20425	12	#Mid	QPSK	22.31	-0.28	19.88	PASS
Band5	5	20425	12	#Max	QPSK	22.32	-0.28	19.89	PASS
Band5	5	20425	25	#0	QPSK	22.29	-0.28	19.86	PASS
Band5	5	20425	1	#0	16QAM	22.64	-0.28	20.21	PASS
Band5	5	20425	1	#Mid	16QAM	22.69	-0.28	20.26	PASS
Band5	5	20425	1	#Max	16QAM	22.70	-0.28	20.27	PASS
Band5	5	20425	12	#0	16QAM	21.27	-0.28	18.84	PASS
Band5	5	20425	12	#Mid	16QAM	21.32	-0.28	18.89	PASS
Band5	5	20425	12	#Max	16QAM	21.32	-0.28	18.89	PASS
Band5	5	20425	25	#0	16QAM	21.24	-0.28	18.81	PASS
Band5	5	20525	1	#0	QPSK	23.47	-0.28	21.04	PASS
Band5	5	20525	1	#Mid	QPSK	23.54	-0.28	21.11	PASS
Band5	5	20525	1	#Max	QPSK	23.50	-0.28	21.07	PASS
Band5	5	20525	12	#0	QPSK	22.47	-0.28	20.04	PASS
Band5	5	20525	12	#Mid	QPSK	22.46	-0.28	20.03	PASS
Band5	5	20525	12	#Max	QPSK	22.42	-0.28	19.99	PASS
Band5	5	20525	25	#0	QPSK	22.42	-0.28	19.99	PASS
Band5	5	20525	1	#0	16QAM	22.96	-0.28	20.53	PASS
Band5	5	20525	1	#Mid	16QAM	22.99	-0.28	20.56	PASS
Band5	5	20525	1	#Max	16QAM	23.00	-0.28	20.57	PASS
Band5	5	20525	12	#0	16QAM	21.43	-0.28	19.00	PASS
Band5	5	20525	12	#Mid	16QAM	21.41	-0.28	18.98	PASS
Band5	5	20525	12	#Max	16QAM	21.38	-0.28	18.95	PASS
Band5	5	20525	25	#0	16QAM	21.39	-0.28	18.96	PASS
Band5	5	20625	1	#0	QPSK	23.42	-0.28	20.99	PASS
Band5	5	20625	1	#Mid	QPSK	23.43	-0.28	21.00	PASS
Band5	5	20625	1	#Max	QPSK	23.45	-0.28	21.02	PASS
Band5	5	20625	12	#0	QPSK	22.37	-0.28	19.94	PASS
Band5	5	20625	12	#Mid	QPSK	22.34	-0.28	19.91	PASS
Band5	5	20625	12	#Max	QPSK	22.31	-0.28	19.88	PASS
Band5	5	20625	25	#0	QPSK	22.39	-0.28	19.96	PASS
Band5	5	20625	1	#0	16QAM	22.79	-0.28	20.36	PASS
Band5	5	20625	1	#Mid	16QAM	22.79	-0.28	20.36	PASS
Band5	5	20625	1	#Max	16QAM	22.82	-0.28	20.39	PASS
Band5	5	20625	12	#0	16QAM	21.30	-0.28	18.87	PASS

Band5	5	20625	12	#Mid	16QAM	21.26	-0.28	18.83	PASS
Band5	5	20625	12	#Max	16QAM	21.25	-0.28	18.82	PASS
Band5	5	20625	25	#0	16QAM	21.40	-0.28	18.97	PASS
Band5	10	20450	1	#0	QPSK	23.32	-0.28	20.89	PASS
Band5	10	20450	1	#Mid	QPSK	23.44	-0.28	21.01	PASS
Band5	10	20450	1	#Max	QPSK	23.42	-0.28	20.99	PASS
Band5	10	20450	25	#0	QPSK	22.24	-0.28	19.81	PASS
Band5	10	20450	25	#Mid	QPSK	22.29	-0.28	19.86	PASS
Band5	10	20450	25	#Max	QPSK	22.33	-0.28	19.90	PASS
Band5	10	20450	50	#0	QPSK	22.28	-0.28	19.85	PASS
Band5	10	20450	1	#0	16QAM	22.18	-0.28	19.75	PASS
Band5	10	20450	1	#Mid	16QAM	22.26	-0.28	19.83	PASS
Band5	10	20450	1	#Max	16QAM	22.31	-0.28	19.88	PASS
Band5	10	20450	25	#0	16QAM	21.22	-0.28	18.79	PASS
Band5	10	20450	25	#Mid	16QAM	21.31	-0.28	18.88	PASS
Band5	10	20450	25	#Max	16QAM	21.33	-0.28	18.90	PASS
Band5	10	20450	50	#0	16QAM	21.26	-0.28	18.83	PASS
Band5	10	20525	1	#0	QPSK	23.42	-0.28	20.99	PASS
Band5	10	20525	1	#Mid	QPSK	23.50	-0.28	21.07	PASS
Band5	10	20525	1	#Max	QPSK	23.42	-0.28	20.99	PASS
Band5	10	20525	25	#0	QPSK	22.48	-0.28	20.05	PASS
Band5	10	20525	25	#Mid	QPSK	22.43	-0.28	20.00	PASS
Band5	10	20525	25	#Max	QPSK	22.41	-0.28	19.98	PASS
Band5	10	20525	50	#0	QPSK	22.47	-0.28	20.04	PASS
Band5	10	20525	1	#0	16QAM	22.82	-0.28	20.39	PASS
Band5	10	20525	1	#Mid	16QAM	22.90	-0.28	20.47	PASS
Band5	10	20525	1	#Max	16QAM	22.89	-0.28	20.46	PASS
Band5	10	20525	25	#0	16QAM	21.46	-0.28	19.03	PASS
Band5	10	20525	25	#Mid	16QAM	21.46	-0.28	19.03	PASS
Band5	10	20525	25	#Max	16QAM	21.45	-0.28	19.02	PASS
Band5	10	20525	50	#0	16QAM	21.44	-0.28	19.01	PASS
Band5	10	20600	1	#0	QPSK	23.44	-0.28	21.01	PASS
Band5	10	20600	1	#Mid	QPSK	23.42	-0.28	20.99	PASS
Band5	10	20600	1	#Max	QPSK	23.31	-0.28	20.88	PASS
Band5	10	20600	25	#0	QPSK	22.45	-0.28	20.02	PASS
Band5	10	20600	25	#Mid	QPSK	22.39	-0.28	19.96	PASS
Band5	10	20600	25	#Max	QPSK	22.34	-0.28	19.91	PASS
Band5	10	20600	50	#0	QPSK	22.44	-0.28	20.01	PASS
Band5	10	20600	1	#0	16QAM	22.62	-0.28	20.19	PASS
Band5	10	20600	1	#Mid	16QAM	22.57	-0.28	20.14	PASS
Band5	10	20600	1	#Max	16QAM	22.50	-0.28	20.07	PASS
Band5	10	20600	25	#0	16QAM	21.48	-0.28	19.05	PASS
Band5	10	20600	25	#Mid	16QAM	21.42	-0.28	18.99	PASS

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Band5	10	20600	25	#Max	16QAM	21.34	-0.28	18.91	PASS
Band5	10	20600	50	#0	16QAM	21.45	-0.28	19.02	PASS



Appendix 2.Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band5	1.4	20407	6	#0	QPSK	LV	NT	2.23	0.003	PASS
Band5	1.4	20407	6	#0	QPSK	NV	NT	-0.84	-0.001	PASS
Band5	1.4	20407	6	#0	QPSK	HV	NT	-0.40	0.000	PASS
Band5	1.4	20407	6	#0	16QAM	LV	NT	-1.96	-0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	NT	3.19	0.004	PASS
Band5	1.4	20407	6	#0	16QAM	HV	NT	3.60	0.004	PASS
Band5	1.4	20525	6	#0	QPSK	LV	NT	-0.79	-0.001	PASS
Band5	1.4	20525	6	#0	QPSK	NV	NT	-1.23	-0.001	PASS
Band5	1.4	20525	6	#0	QPSK	HV	NT	-0.17	0.000	PASS
Band5	1.4	20525	6	#0	16QAM	LV	NT	-0.13	0.000	PASS
Band5	1.4	20525	6	#0	16QAM	NV	NT	1.36	0.002	PASS
Band5	1.4	20525	6	#0	16QAM	HV	NT	-0.11	0.000	PASS
Band5	1.4	20643	6	#0	QPSK	LV	NT	3.71	0.004	PASS
Band5	1.4	20643	6	#0	QPSK	NV	NT	2.98	0.004	PASS
Band5	1.4	20643	6	#0	QPSK	HV	NT	-1.22	-0.001	PASS
Band5	1.4	20643	6	#0	16QAM	LV	NT	-0.26	0.000	PASS
Band5	1.4	20643	6	#0	16QAM	NV	NT	0.82	0.001	PASS
Band5	1.4	20643	6	#0	16QAM	HV	NT	0.99	0.001	PASS
Band5	3	20415	15	#0	QPSK	LV	NT	0.86	0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	NT	-1.80	-0.002	PASS
Band5	3	20415	15	#0	QPSK	HV	NT	-1.34	-0.002	PASS
Band5	3	20415	15	#0	16QAM	LV	NT	-2.32	-0.003	PASS
Band5	3	20415	15	#0	16QAM	NV	NT	2.12	0.003	PASS
Band5	3	20415	15	#0	16QAM	HV	NT	0.40	0.000	PASS
Band5	3	20525	15	#0	QPSK	LV	NT	2.07	0.002	PASS
Band5	3	20525	15	#0	QPSK	NV	NT	3.10	0.004	PASS
Band5	3	20525	15	#0	QPSK	HV	NT	2.25	0.003	PASS
Band5	3	20525	15	#0	16QAM	LV	NT	2.72	0.003	PASS
Band5	3	20525	15	#0	16QAM	NV	NT	0.13	0.000	PASS
Band5	3	20525	15	#0	16QAM	HV	NT	1.56	0.002	PASS
Band5	3	20635	15	#0	QPSK	LV	NT	-3.28	-0.004	PASS
Band5	3	20635	15	#0	QPSK	NV	NT	-3.36	-0.004	PASS
Band5	3	20635	15	#0	QPSK	HV	NT	-4.33	-0.005	PASS
Band5	3	20635	15	#0	16QAM	LV	NT	-0.14	0.000	PASS
Band5	3	20635	15	#0	16QAM	NV	NT	0.84	0.001	PASS
Band5	3	20635	15	#0	16QAM	HV	NT	-0.57	-0.001	PASS
Band5	5	20425	25	#0	QPSK	LV	NT	-0.37	0.000	PASS
Band5	5	20425	25	#0	QPSK	NV	NT	0.17	0.000	PASS
Band5	5	20425	25	#0	QPSK	HV	NT	0.09	0.000	PASS

Band5	5	20425	25	#0	16QAM	LV	NT	0.33	0.000	PASS
Band5	5	20425	25	#0	16QAM	NV	NT	1.59	0.002	PASS
Band5	5	20425	25	#0	16QAM	HV	NT	3.36	0.004	PASS
Band5	5	20525	25	#0	QPSK	LV	NT	3.15	0.004	PASS
Band5	5	20525	25	#0	QPSK	NV	NT	-0.13	0.000	PASS
Band5	5	20525	25	#0	QPSK	HV	NT	-0.50	-0.001	PASS
Band5	5	20525	25	#0	16QAM	LV	NT	2.22	0.003	PASS
Band5	5	20525	25	#0	16QAM	NV	NT	0.59	0.001	PASS
Band5	5	20525	25	#0	16QAM	HV	NT	3.15	0.004	PASS
Band5	5	20625	25	#0	QPSK	LV	NT	0.43	0.001	PASS
Band5	5	20625	25	#0	QPSK	NV	NT	-0.31	0.000	PASS
Band5	5	20625	25	#0	QPSK	HV	NT	1.83	0.002	PASS
Band5	5	20625	25	#0	16QAM	LV	NT	-0.82	-0.001	PASS
Band5	5	20625	25	#0	16QAM	NV	NT	-0.49	-0.001	PASS
Band5	5	20625	25	#0	16QAM	HV	NT	3.42	0.004	PASS
Band5	10	20450	50	#0	QPSK	LV	NT	0.07	0.000	PASS
Band5	10	20450	50	#0	QPSK	NV	NT	-1.50	-0.002	PASS
Band5	10	20450	50	#0	QPSK	HV	NT	0.23	0.000	PASS
Band5	10	20450	50	#0	16QAM	LV	NT	1.39	0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	NT	-1.40	-0.002	PASS
Band5	10	20450	50	#0	16QAM	HV	NT	-0.11	0.000	PASS
Band5	10	20525	50	#0	QPSK	LV	NT	-2.52	-0.003	PASS
Band5	10	20525	50	#0	QPSK	NV	NT	-0.74	-0.001	PASS
Band5	10	20525	50	#0	QPSK	HV	NT	-4.39	-0.005	PASS
Band5	10	20525	50	#0	16QAM	LV	NT	-2.92	-0.003	PASS
Band5	10	20525	50	#0	16QAM	NV	NT	-1.52	-0.002	PASS
Band5	10	20525	50	#0	16QAM	HV	NT	-2.23	-0.003	PASS
Band5	10	20600	50	#0	QPSK	LV	NT	0.33	0.000	PASS
Band5	10	20600	50	#0	QPSK	NV	NT	-0.67	-0.001	PASS
Band5	10	20600	50	#0	QPSK	HV	NT	1.83	0.002	PASS
Band5	10	20600	50	#0	16QAM	LV	NT	0.24	0.000	PASS
Band5	10	20600	50	#0	16QAM	NV	NT	0.49	0.001	PASS
Band5	10	20600	50	#0	16QAM	HV	NT	0.83	0.001	PASS
Band5	1.4	20407	6	#0	QPSK	NV	-30	-0.82	-0.001	PASS
Band5	1.4	20407	6	#0	QPSK	NV	-20	3.33	0.004	PASS
Band5	1.4	20407	6	#0	QPSK	NV	0	1.26	0.002	PASS
Band5	1.4	20407	6	#0	QPSK	NV	10	3.20	0.004	PASS
Band5	1.4	20407	6	#0	QPSK	NV	20	1.79	0.002	PASS
Band5	1.4	20407	6	#0	QPSK	NV	30	-1.00	-0.001	PASS
Band5	1.4	20407	6	#0	QPSK	NV	40	-0.17	0.000	PASS
Band5	1.4	20407	6	#0	QPSK	NV	50	-0.07	0.000	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-30	0.94	0.001	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-20	3.79	0.005	PASS

Band5	1.4	20407	6	#0	16QAM	NV	0	4.45	0.005	PASS
Band5	1.4	20407	6	#0	16QAM	NV	10	1.52	0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	20	1.39	0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	30	1.86	0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	40	1.83	0.002	PASS
Band5	1.4	20407	6	#0	16QAM	NV	50	2.02	0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-30	-0.97	-0.001	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-20	-1.86	-0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	0	-0.60	-0.001	PASS
Band5	1.4	20525	6	#0	QPSK	NV	10	1.14	0.001	PASS
Band5	1.4	20525	6	#0	QPSK	NV	20	1.69	0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	30	1.69	0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	40	2.27	0.003	PASS
Band5	1.4	20525	6	#0	QPSK	NV	50	1.96	0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-30	1.23	0.001	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-20	-1.16	-0.001	PASS
Band5	1.4	20525	6	#0	16QAM	NV	0	-2.53	-0.003	PASS
Band5	1.4	20525	6	#0	16QAM	NV	10	-1.79	-0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	20	-0.79	-0.001	PASS
Band5	1.4	20525	6	#0	16QAM	NV	30	-1.65	-0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	40	-1.66	-0.002	PASS
Band5	1.4	20525	6	#0	16QAM	NV	50	2.70	0.003	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-30	0.30	0.000	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-20	-0.24	0.000	PASS
Band5	1.4	20643	6	#0	QPSK	NV	0	-0.43	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	10	-0.79	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	20	-1.20	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	30	-0.77	-0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	40	-1.72	-0.002	PASS
Band5	1.4	20643	6	#0	QPSK	NV	50	-0.13	0.000	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-30	0.20	0.000	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-20	-0.41	0.000	PASS
Band5	1.4	20643	6	#0	16QAM	NV	0	-1.04	-0.001	PASS
Band5	1.4	20643	6	#0	16QAM	NV	10	-0.06	0.000	PASS
Band5	1.4	20643	6	#0	16QAM	NV	20	0.96	0.001	PASS
Band5	1.4	20643	6	#0	16QAM	NV	30	-3.30	-0.004	PASS
Band5	1.4	20643	6	#0	16QAM	NV	40	-1.90	-0.002	PASS
Band5	1.4	20643	6	#0	16QAM	NV	50	-3.32	-0.004	PASS
Band5	3	20415	15	#0	QPSK	NV	-30	2.57	0.003	PASS
Band5	3	20415	15	#0	QPSK	NV	-20	1.29	0.002	PASS
Band5	3	20415	15	#0	QPSK	NV	0	0.63	0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	10	-0.79	-0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	20	0.51	0.001	PASS

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Band5	3	20415	15	#0	QPSK	NV	30	0.23	0.000	PASS
Band5	3	20415	15	#0	QPSK	NV	40	0.90	0.001	PASS
Band5	3	20415	15	#0	QPSK	NV	50	0.50	0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	-30	1.29	0.002	PASS
Band5	3	20415	15	#0	16QAM	NV	-20	-2.05	-0.002	PASS
Band5	3	20415	15	#0	16QAM	NV	0	-0.63	-0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	10	-1.83	-0.002	PASS
Band5	3	20415	15	#0	16QAM	NV	20	-1.67	-0.002	PASS
Band5	3	20415	15	#0	16QAM	NV	30	-1.10	-0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	40	-0.96	-0.001	PASS
Band5	3	20415	15	#0	16QAM	NV	50	-1.12	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	-30	-1.37	-0.002	PASS
Band5	3	20525	15	#0	QPSK	NV	-20	-0.94	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	0	-1.76	-0.002	PASS
Band5	3	20525	15	#0	QPSK	NV	10	-1.23	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	20	-1.66	-0.002	PASS
Band5	3	20525	15	#0	QPSK	NV	30	-1.27	-0.002	PASS
Band5	3	20525	15	#0	QPSK	NV	40	-0.80	-0.001	PASS
Band5	3	20525	15	#0	QPSK	NV	50	-0.57	-0.001	PASS
Band5	3	20525	15	#0	16QAM	NV	-30	-0.90	-0.001	PASS
Band5	3	20525	15	#0	16QAM	NV	-20	-1.37	-0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	0	-0.79	-0.001	PASS
Band5	3	20525	15	#0	16QAM	NV	10	-1.30	-0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	20	-1.43	-0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	30	-0.43	-0.001	PASS
Band5	3	20525	15	#0	16QAM	NV	40	-0.40	0.000	PASS
Band5	3	20525	15	#0	16QAM	NV	50	-1.03	-0.001	PASS
Band5	3	20635	15	#0	QPSK	NV	-30	0.31	0.000	PASS
Band5	3	20635	15	#0	QPSK	NV	-20	0.40	0.000	PASS
Band5	3	20635	15	#0	QPSK	NV	0	1.33	0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	10	1.87	0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	20	1.14	0.001	PASS
Band5	3	20635	15	#0	QPSK	NV	30	1.89	0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	40	1.90	0.002	PASS
Band5	3	20635	15	#0	QPSK	NV	50	1.66	0.002	PASS
Band5	3	20635	15	#0	16QAM	NV	-30	1.26	0.001	PASS
Band5	3	20635	15	#0	16QAM	NV	-20	0.89	0.001	PASS
Band5	3	20635	15	#0	16QAM	NV	0	3.71	0.004	PASS
Band5	3	20635	15	#0	16QAM	NV	10	4.22	0.005	PASS
Band5	3	20635	15	#0	16QAM	NV	20	2.33	0.003	PASS
Band5	3	20635	15	#0	16QAM	NV	30	1.17	0.001	PASS
Band5	3	20635	15	#0	16QAM	NV	40	0.46	0.001	PASS
Band5	3	20635	15	#0	16QAM	NV	50	0.10	0.000	PASS

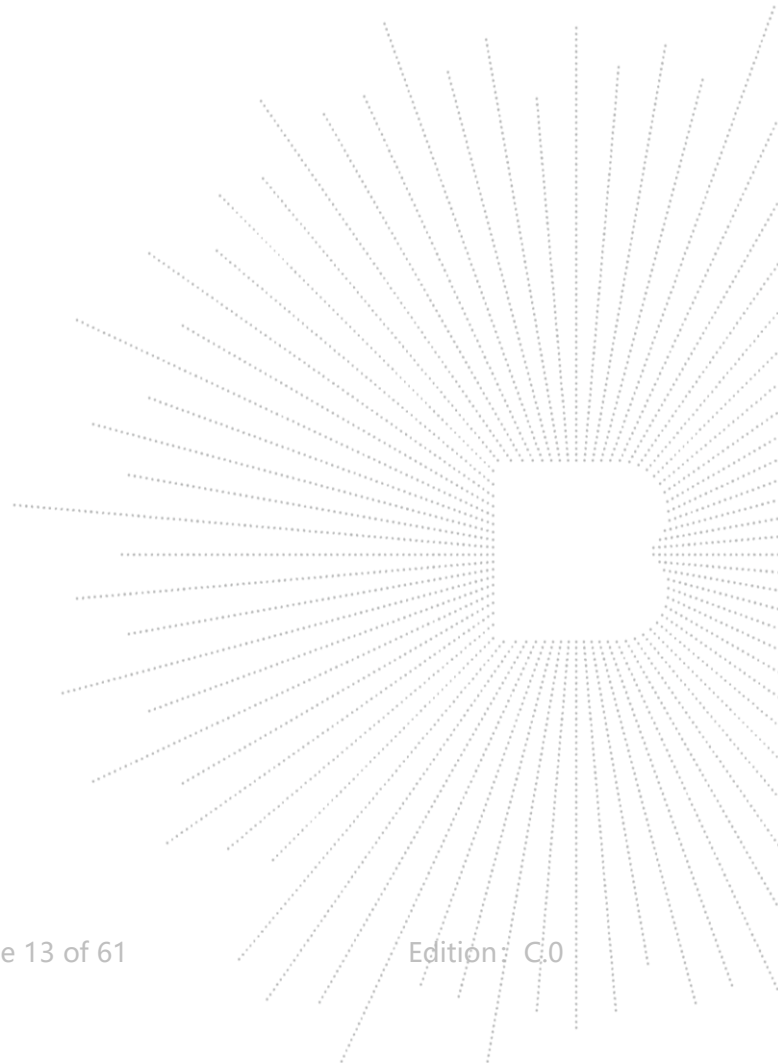
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Band5	5	20425	25	#0	QPSK	NV	-30	-0.06	0.000	PASS
Band5	5	20425	25	#0	QPSK	NV	-20	-1.86	-0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	0	1.73	0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	10	-1.53	-0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	20	1.34	0.002	PASS
Band5	5	20425	25	#0	QPSK	NV	30	-0.97	-0.001	PASS
Band5	5	20425	25	#0	QPSK	NV	40	0.13	0.000	PASS
Band5	5	20425	25	#0	QPSK	NV	50	-2.16	-0.003	PASS
Band5	5	20425	25	#0	16QAM	NV	-30	3.72	0.005	PASS
Band5	5	20425	25	#0	16QAM	NV	-20	-0.16	0.000	PASS
Band5	5	20425	25	#0	16QAM	NV	0	1.79	0.002	PASS
Band5	5	20425	25	#0	16QAM	NV	10	2.82	0.003	PASS
Band5	5	20425	25	#0	16QAM	NV	20	-0.06	0.000	PASS
Band5	5	20425	25	#0	16QAM	NV	30	-0.50	-0.001	PASS
Band5	5	20425	25	#0	16QAM	NV	40	-0.34	0.000	PASS
Band5	5	20425	25	#0	16QAM	NV	50	0.14	0.000	PASS
Band5	5	20525	25	#0	QPSK	NV	-30	3.29	0.004	PASS
Band5	5	20525	25	#0	QPSK	NV	-20	1.33	0.002	PASS
Band5	5	20525	25	#0	QPSK	NV	0	-2.68	-0.003	PASS
Band5	5	20525	25	#0	QPSK	NV	10	1.23	0.001	PASS
Band5	5	20525	25	#0	QPSK	NV	20	-1.76	-0.002	PASS
Band5	5	20525	25	#0	QPSK	NV	30	-1.07	-0.001	PASS
Band5	5	20525	25	#0	QPSK	NV	40	2.93	0.004	PASS
Band5	5	20525	25	#0	QPSK	NV	50	-2.16	-0.003	PASS
Band5	5	20525	25	#0	16QAM	NV	-30	1.67	0.002	PASS
Band5	5	20525	25	#0	16QAM	NV	-20	2.32	0.003	PASS
Band5	5	20525	25	#0	16QAM	NV	0	-1.34	-0.002	PASS
Band5	5	20525	25	#0	16QAM	NV	10	0.76	0.001	PASS
Band5	5	20525	25	#0	16QAM	NV	20	-0.31	0.000	PASS
Band5	5	20525	25	#0	16QAM	NV	30	0.54	0.001	PASS
Band5	5	20525	25	#0	16QAM	NV	40	0.92	0.001	PASS
Band5	5	20525	25	#0	16QAM	NV	50	2.55	0.003	PASS
Band5	5	20625	25	#0	QPSK	NV	-30	1.86	0.002	PASS
Band5	5	20625	25	#0	QPSK	NV	-20	1.46	0.002	PASS
Band5	5	20625	25	#0	QPSK	NV	0	1.24	0.001	PASS
Band5	5	20625	25	#0	QPSK	NV	10	0.41	0.000	PASS
Band5	5	20625	25	#0	QPSK	NV	20	0.94	0.001	PASS
Band5	5	20625	25	#0	QPSK	NV	30	-3.19	-0.004	PASS
Band5	5	20625	25	#0	QPSK	NV	40	1.47	0.002	PASS
Band5	5	20625	25	#0	QPSK	NV	50	2.19	0.003	PASS
Band5	5	20625	25	#0	16QAM	NV	-30	1.22	0.001	PASS
Band5	5	20625	25	#0	16QAM	NV	-20	1.54	0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	0	1.92	0.002	PASS

Band5	5	20625	25	#0	16QAM	NV	10	2.06	0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	20	1.47	0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	30	2.85	0.003	PASS
Band5	5	20625	25	#0	16QAM	NV	40	-1.40	-0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	50	0.92	0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	-30	0.27	0.000	PASS
Band5	10	20450	50	#0	QPSK	NV	-20	2.33	0.003	PASS
Band5	10	20450	50	#0	QPSK	NV	0	0.13	0.000	PASS
Band5	10	20450	50	#0	QPSK	NV	10	0.79	0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	20	-0.80	-0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	30	1.12	0.001	PASS
Band5	10	20450	50	#0	QPSK	NV	40	1.93	0.002	PASS
Band5	10	20450	50	#0	QPSK	NV	50	0.23	0.000	PASS
Band5	10	20450	50	#0	16QAM	NV	-30	-0.51	-0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	-20	1.47	0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	0	-2.50	-0.003	PASS
Band5	10	20450	50	#0	16QAM	NV	10	0.21	0.000	PASS
Band5	10	20450	50	#0	16QAM	NV	20	-1.67	-0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	30	0.69	0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	40	-1.42	-0.002	PASS
Band5	10	20450	50	#0	16QAM	NV	50	-0.54	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	-30	-1.03	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	-20	-2.92	-0.003	PASS
Band5	10	20525	50	#0	QPSK	NV	0	-2.17	-0.003	PASS
Band5	10	20525	50	#0	QPSK	NV	10	-0.84	-0.001	PASS
Band5	10	20525	50	#0	QPSK	NV	20	-2.36	-0.003	PASS
Band5	10	20525	50	#0	QPSK	NV	30	-1.99	-0.002	PASS
Band5	10	20525	50	#0	QPSK	NV	40	-2.57	-0.003	PASS
Band5	10	20525	50	#0	QPSK	NV	50	-2.96	-0.004	PASS
Band5	10	20525	50	#0	16QAM	NV	-30	-1.89	-0.002	PASS
Band5	10	20525	50	#0	16QAM	NV	-20	-1.13	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	0	-3.29	-0.004	PASS
Band5	10	20525	50	#0	16QAM	NV	10	-2.57	-0.003	PASS
Band5	10	20525	50	#0	16QAM	NV	20	-0.93	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	30	-1.17	-0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	40	-1.44	-0.002	PASS
Band5	10	20525	50	#0	16QAM	NV	50	-1.82	-0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	-30	-0.39	0.000	PASS
Band5	10	20600	50	#0	QPSK	NV	-20	-0.24	0.000	PASS
Band5	10	20600	50	#0	QPSK	NV	0	-0.77	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	10	-0.64	-0.001	PASS
Band5	10	20600	50	#0	QPSK	NV	20	-0.39	0.000	PASS
Band5	10	20600	50	#0	QPSK	NV	30	2.15	0.003	PASS

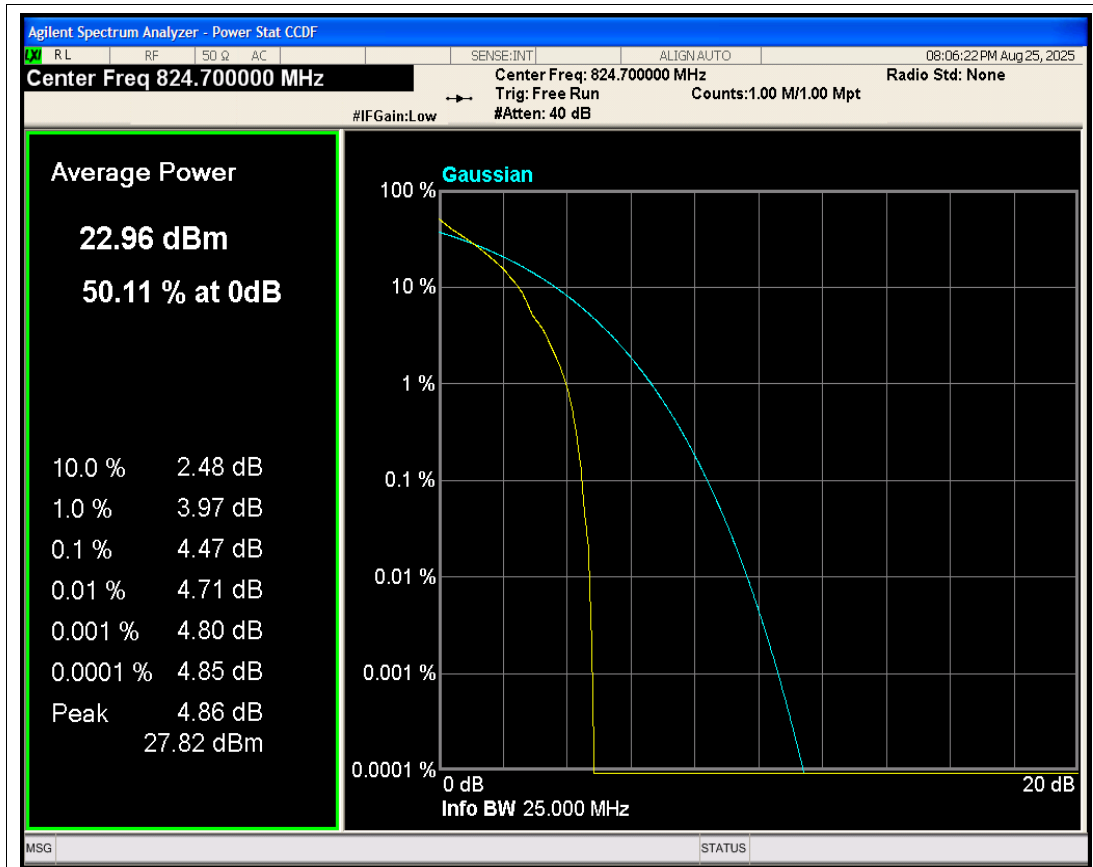
STS2601367W05_Appendix LTE Band 5

Band5	10	20600	50	#0	QPSK	NV	40	-0.24	0.000	PASS
Band5	10	20600	50	#0	QPSK	NV	50	-1.62	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	-30	-1.02	-0.001	PASS
Band5	10	20600	50	#0	16QAM	NV	-20	0.14	0.000	PASS
Band5	10	20600	50	#0	16QAM	NV	0	-0.80	-0.001	PASS
Band5	10	20600	50	#0	16QAM	NV	10	-2.10	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	20	0.31	0.000	PASS
Band5	10	20600	50	#0	16QAM	NV	30	0.20	0.000	PASS
Band5	10	20600	50	#0	16QAM	NV	40	-1.70	-0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	50	0.29	0.000	PASS

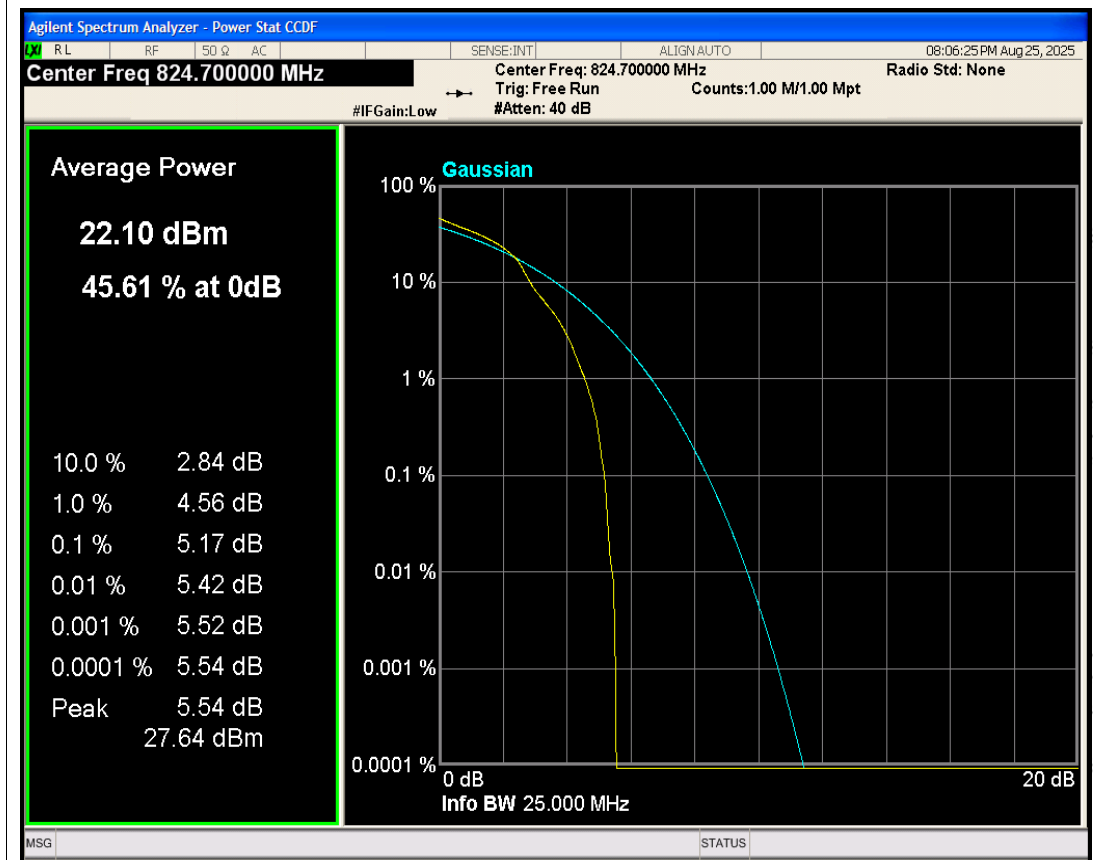


Appendix 3. Peak-to-Average Ratio

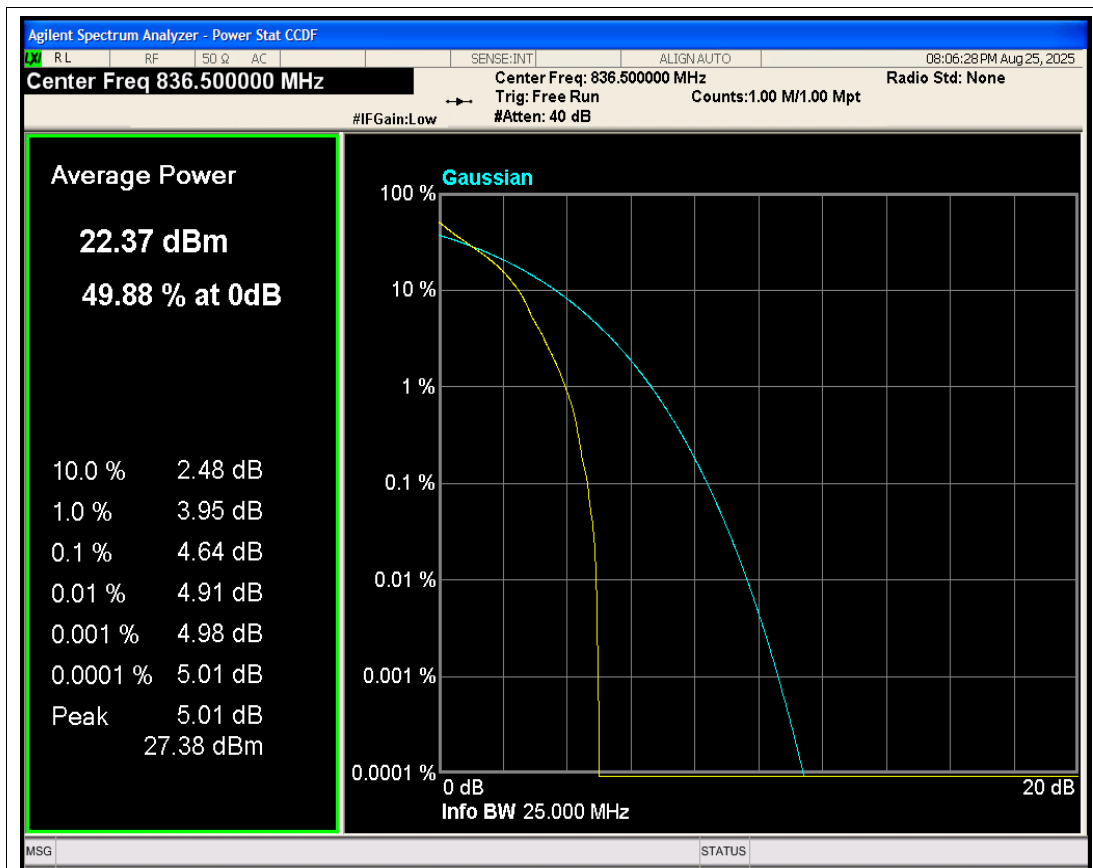
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	1.4	20407	1	#0	QPSK	4.47	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.17	13	PASS
Band5	1.4	20525	1	#0	QPSK	4.64	13	PASS
Band5	1.4	20525	1	#0	16QAM	5.47	13	PASS
Band5	1.4	20643	1	#0	QPSK	5.10	13	PASS
Band5	1.4	20643	1	#0	16QAM	6.29	13	PASS
Band5	3	20415	1	#0	QPSK	4.46	13	PASS
Band5	3	20415	1	#0	16QAM	5.34	13	PASS
Band5	3	20525	1	#0	QPSK	4.51	13	PASS
Band5	3	20525	1	#0	16QAM	5.22	13	PASS
Band5	3	20635	1	#0	QPSK	5.04	13	PASS
Band5	3	20635	1	#0	16QAM	5.95	13	PASS
Band5	5	20425	1	#0	QPSK	4.50	13	PASS
Band5	5	20425	1	#0	16QAM	5.20	13	PASS
Band5	5	20525	1	#0	QPSK	5.04	13	PASS
Band5	5	20525	1	#0	16QAM	5.65	13	PASS
Band5	5	20625	1	#0	QPSK	5.16	13	PASS
Band5	5	20625	1	#0	16QAM	5.79	13	PASS
Band5	10	20450	1	#0	QPSK	4.29	13	PASS
Band5	10	20450	1	#0	16QAM	5.06	13	PASS
Band5	10	20525	1	#0	QPSK	5.21	13	PASS
Band5	10	20525	1	#0	16QAM	6.10	13	PASS
Band5	10	20600	1	#0	QPSK	5.13	13	PASS
Band5	10	20600	1	#0	16QAM	5.94	13	PASS



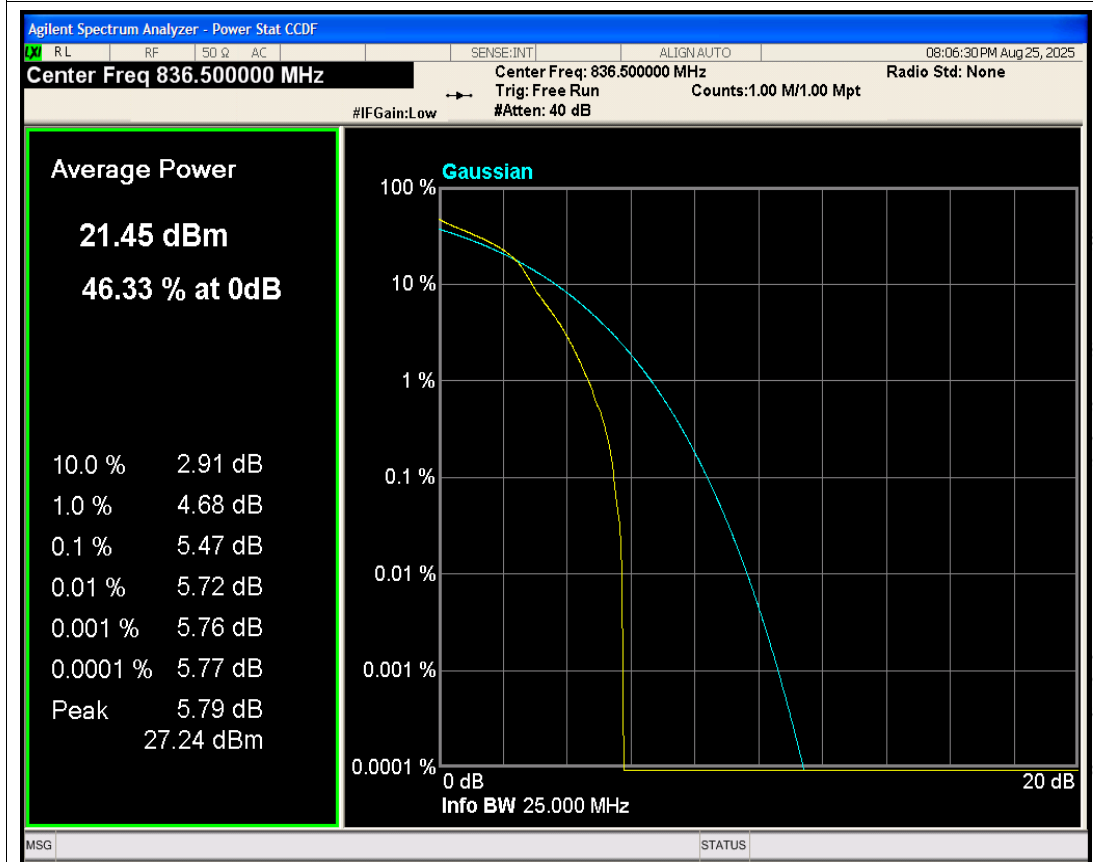
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



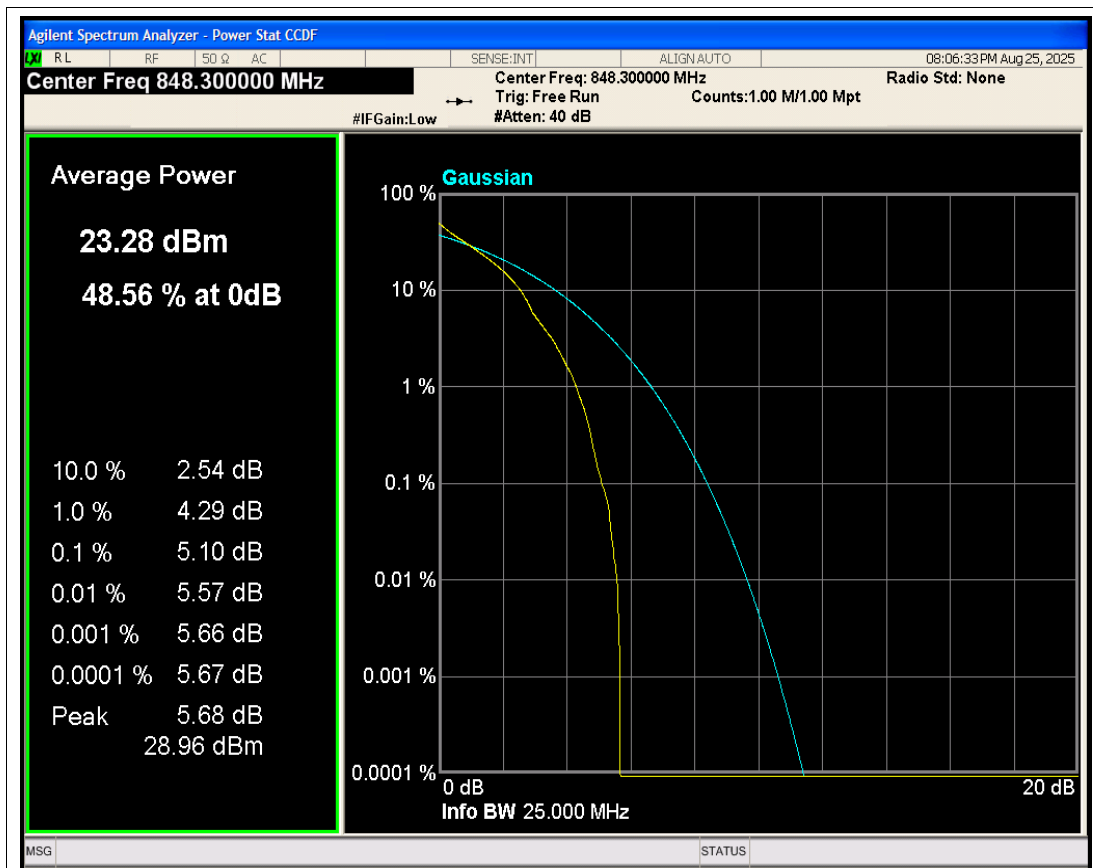
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



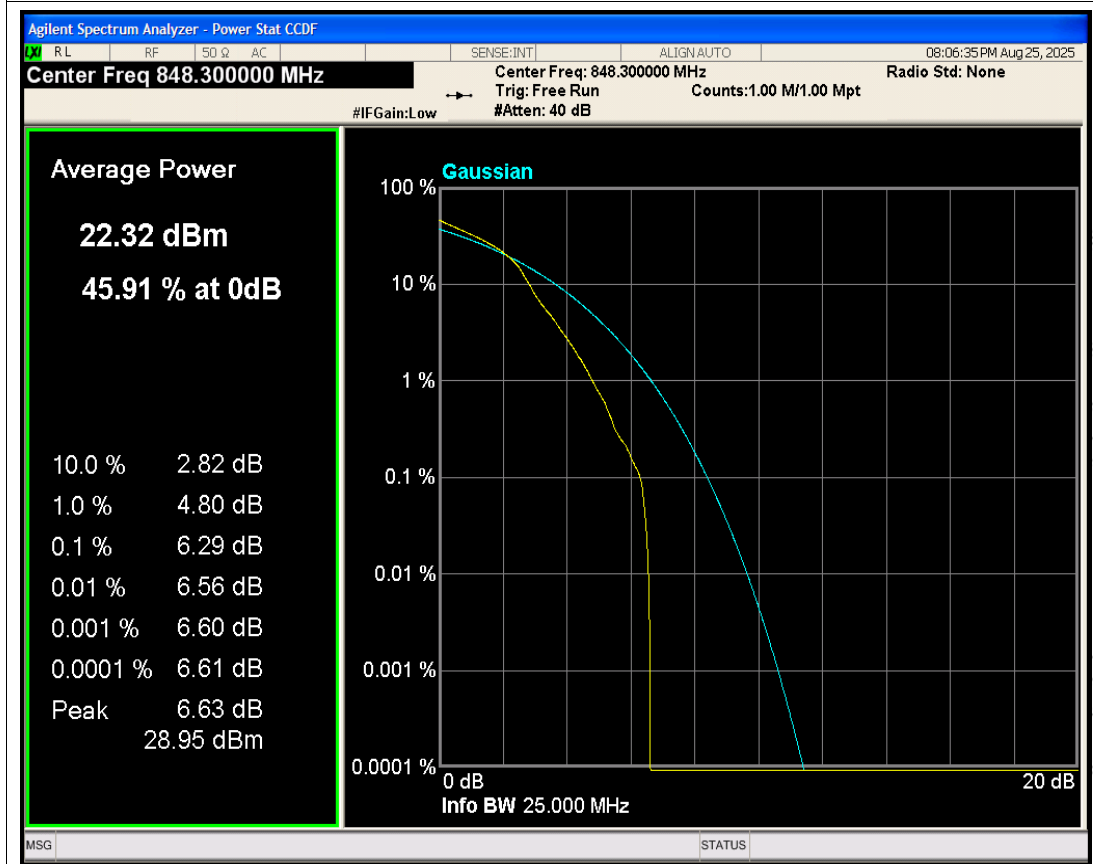
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



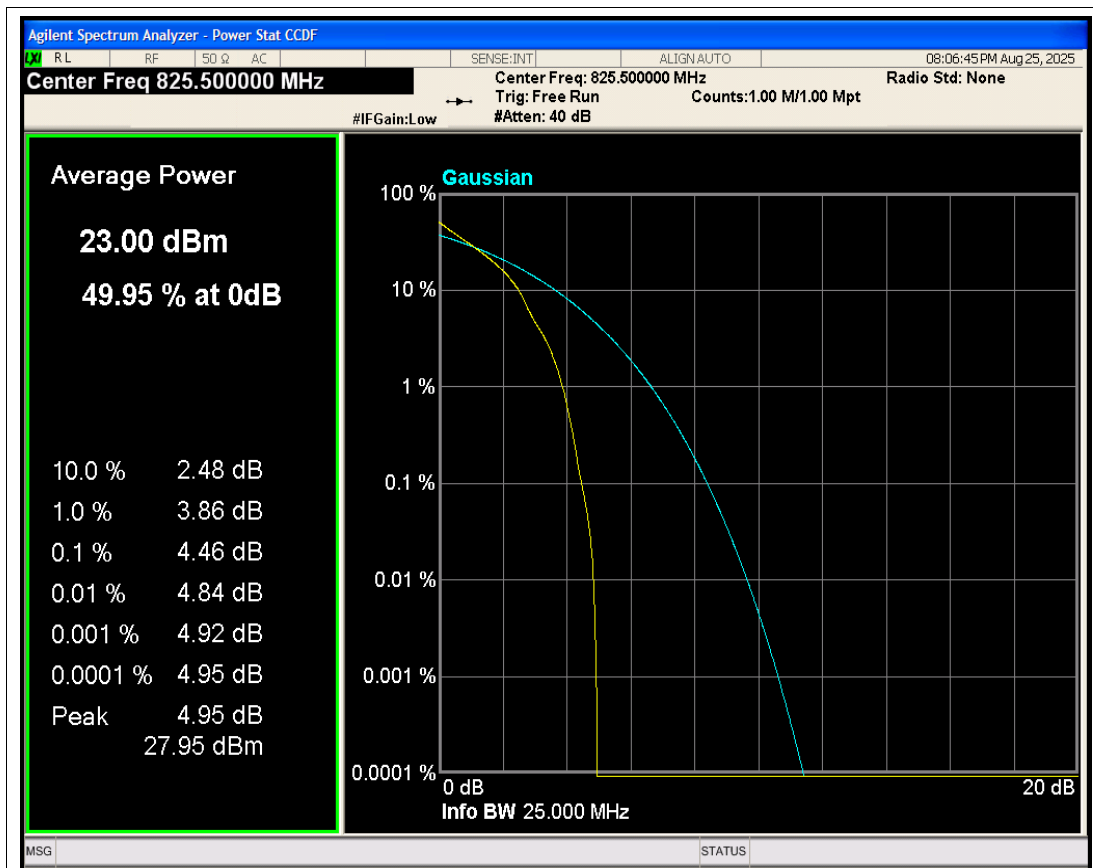
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



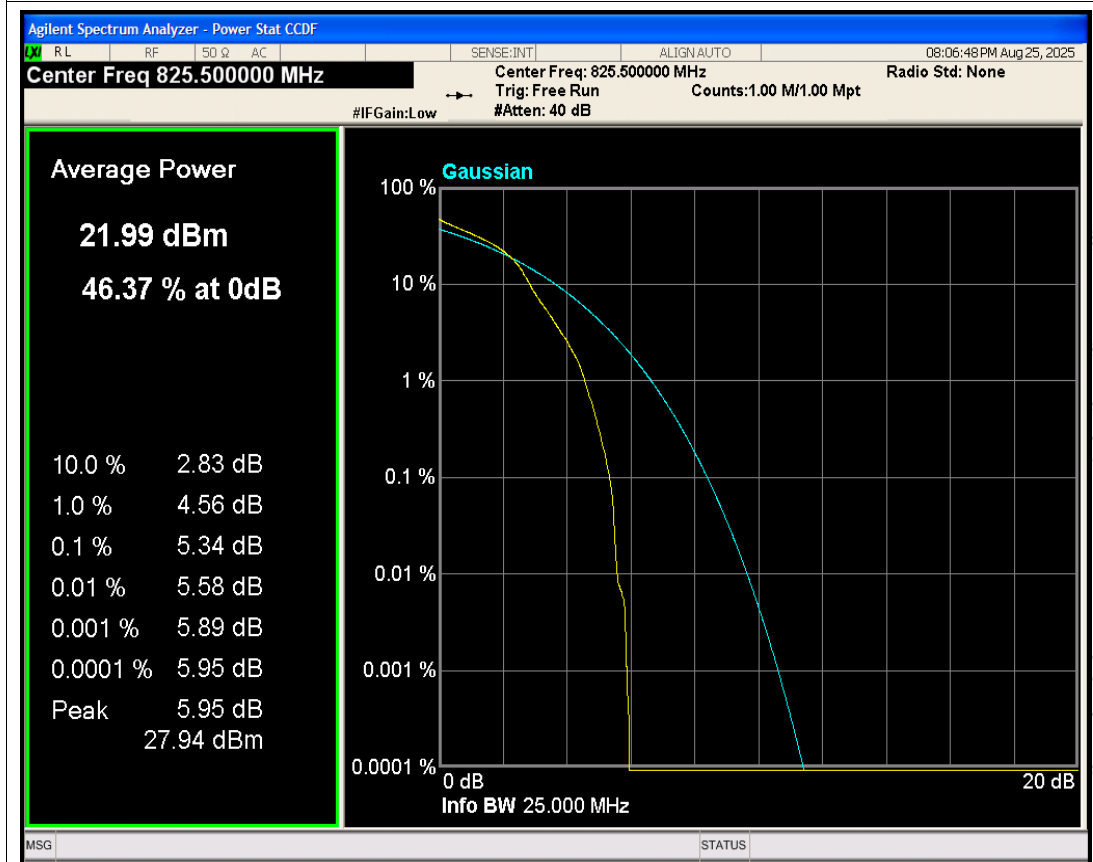
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



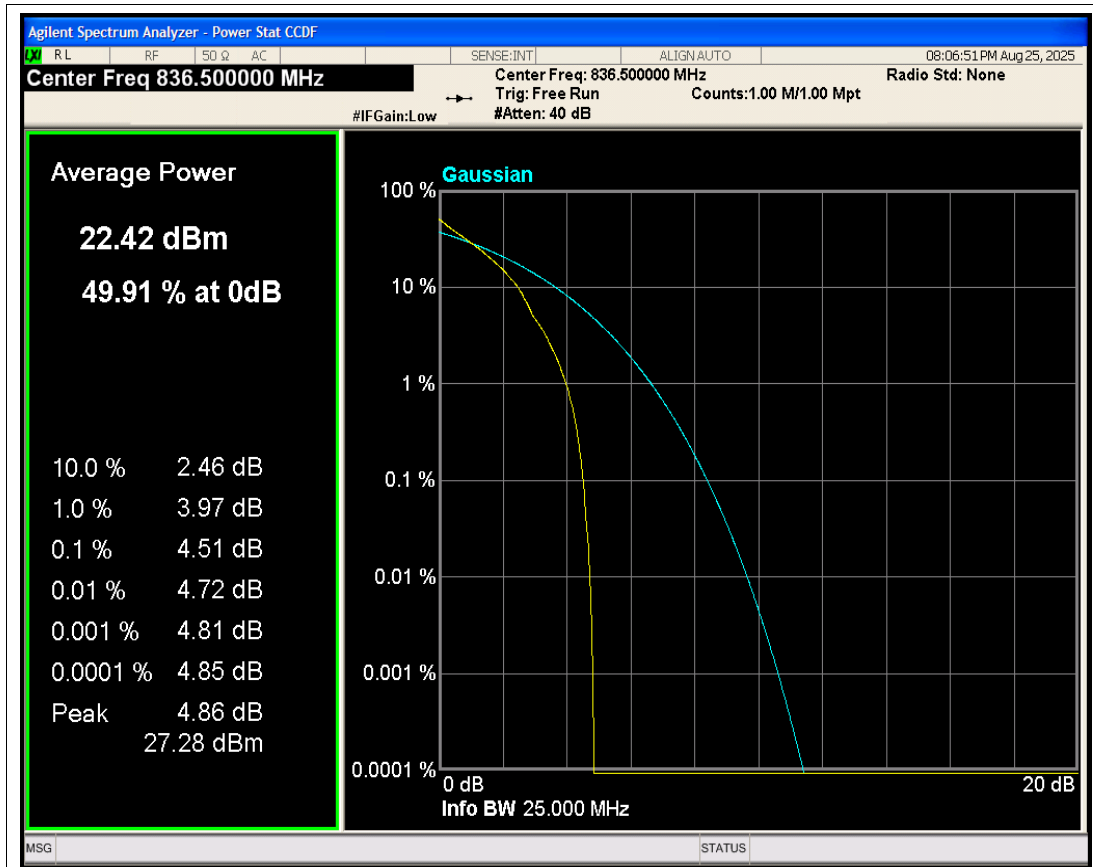
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



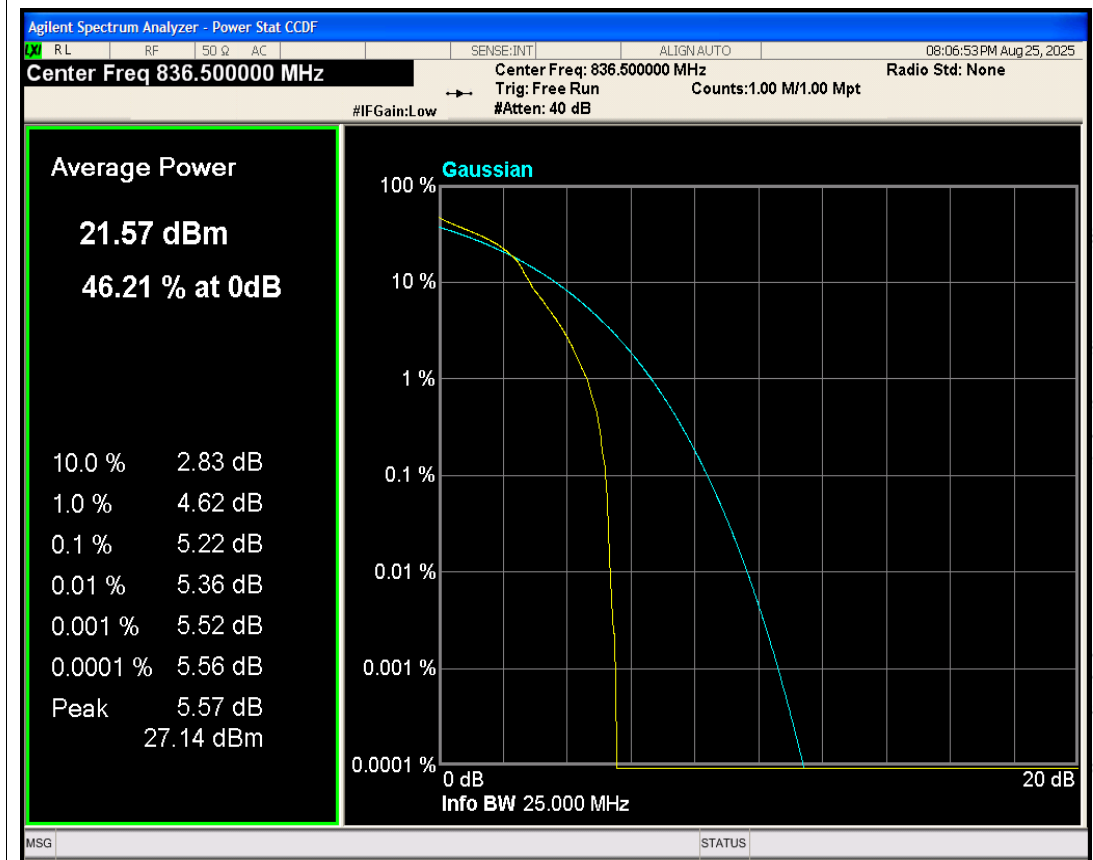
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



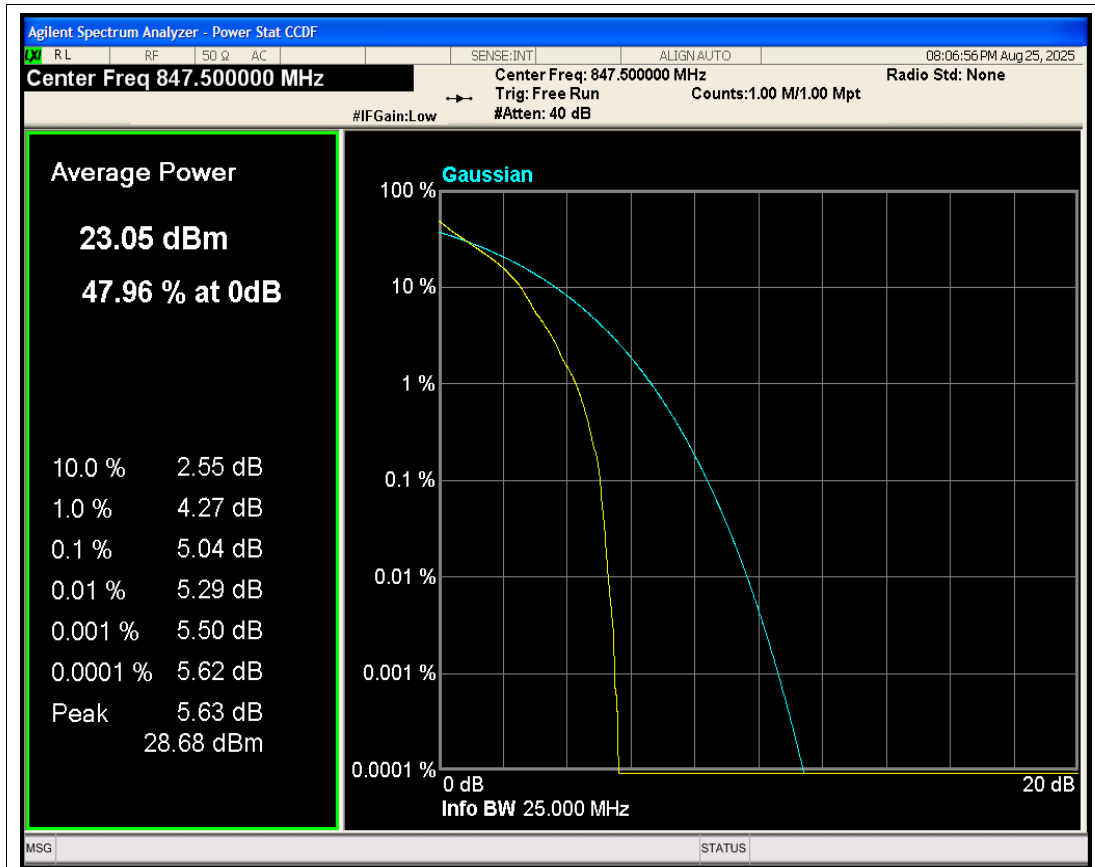
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



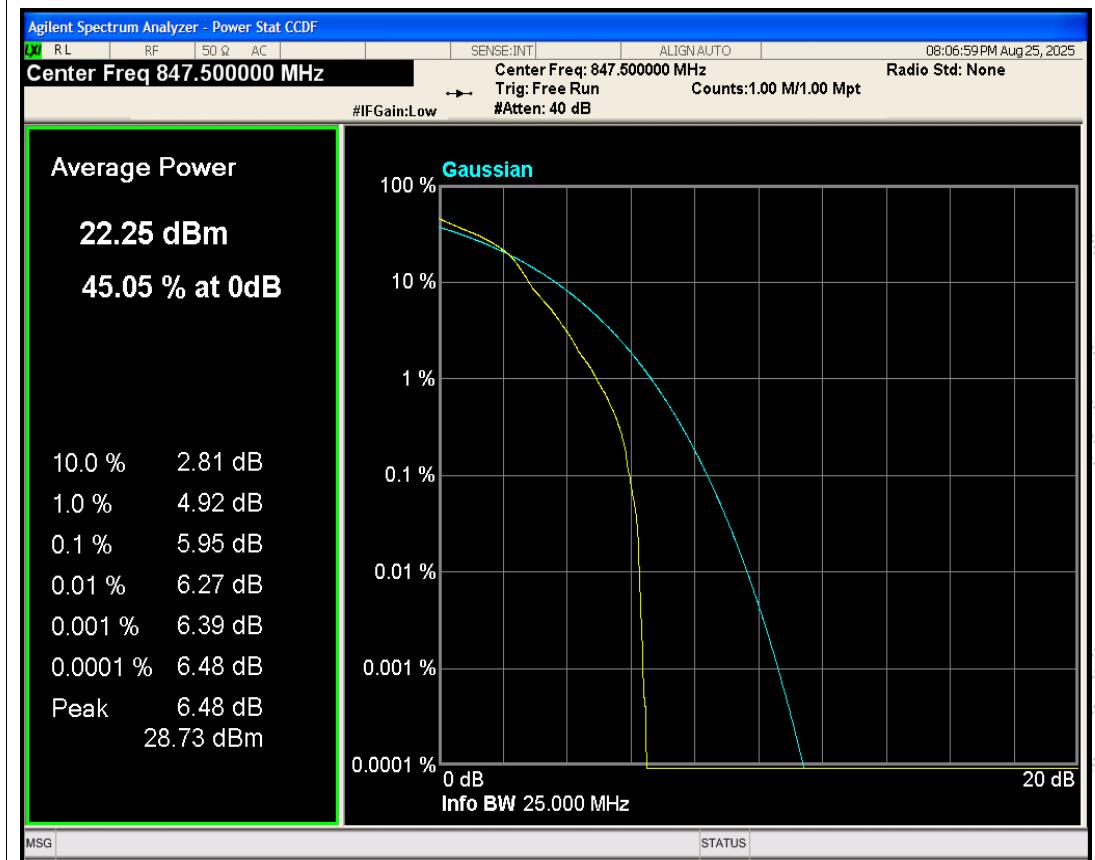
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



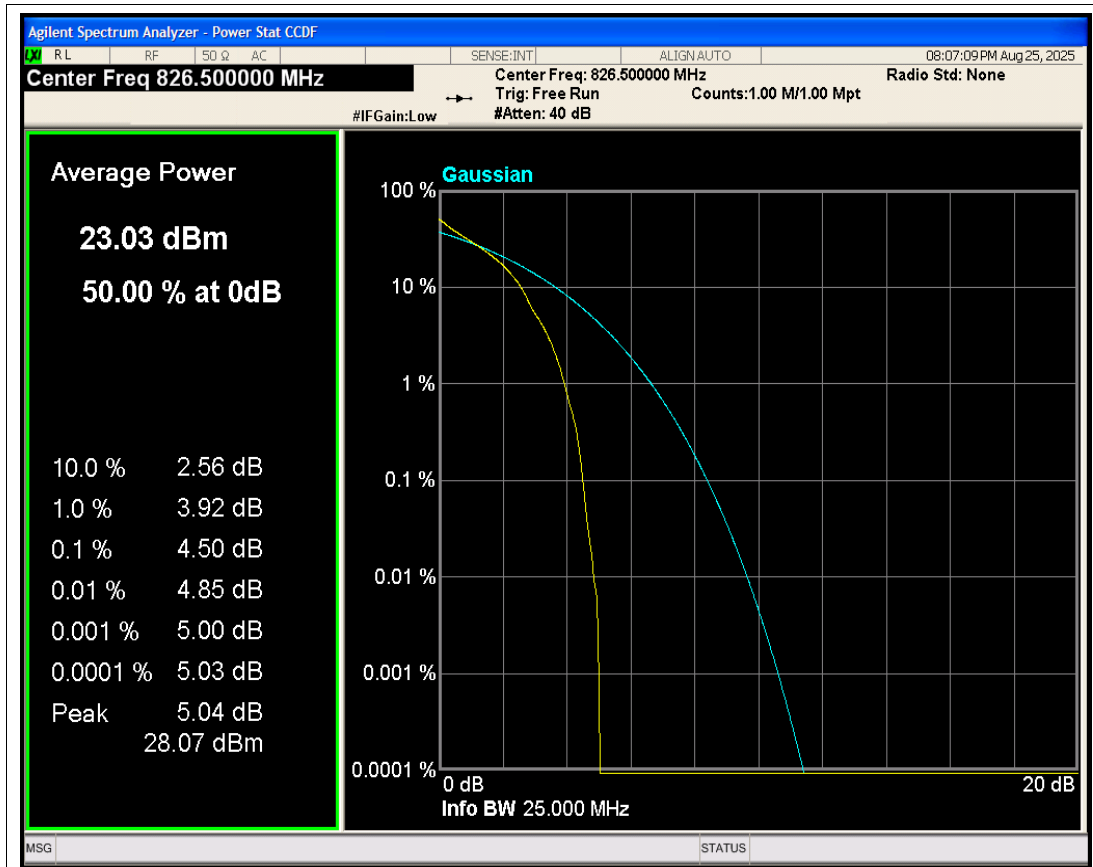
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



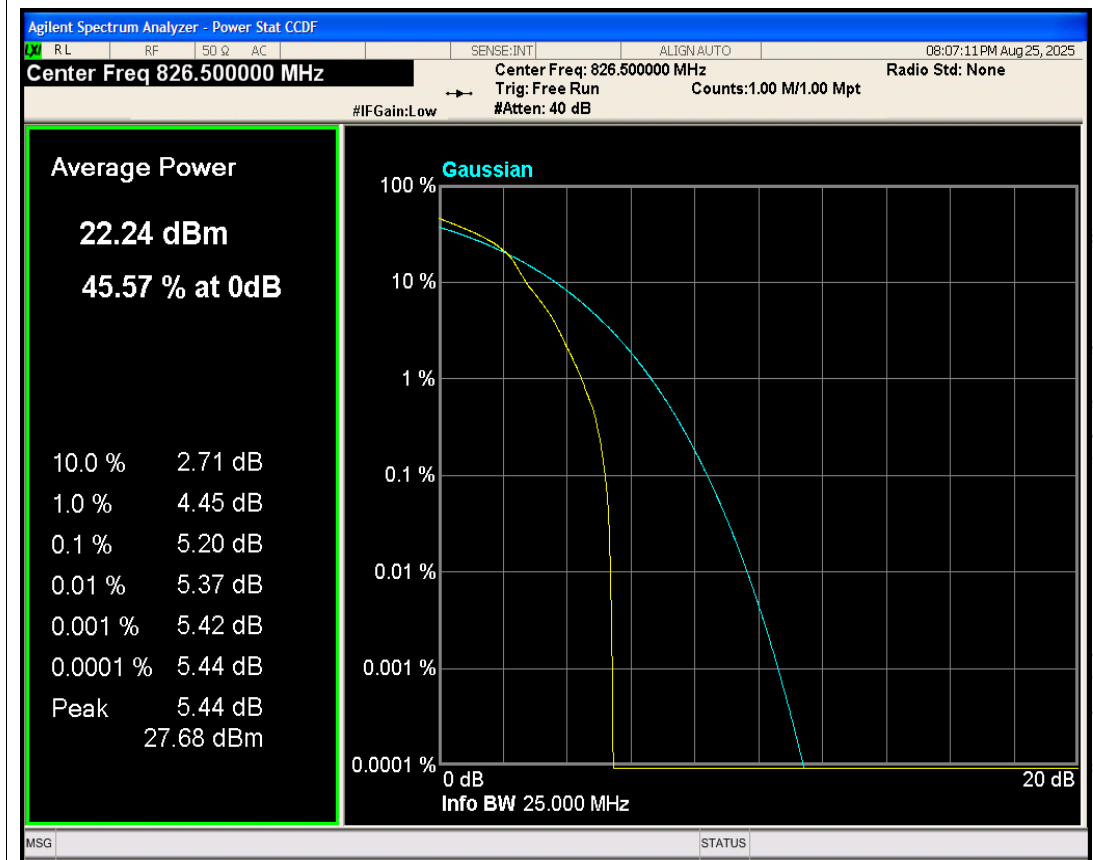
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



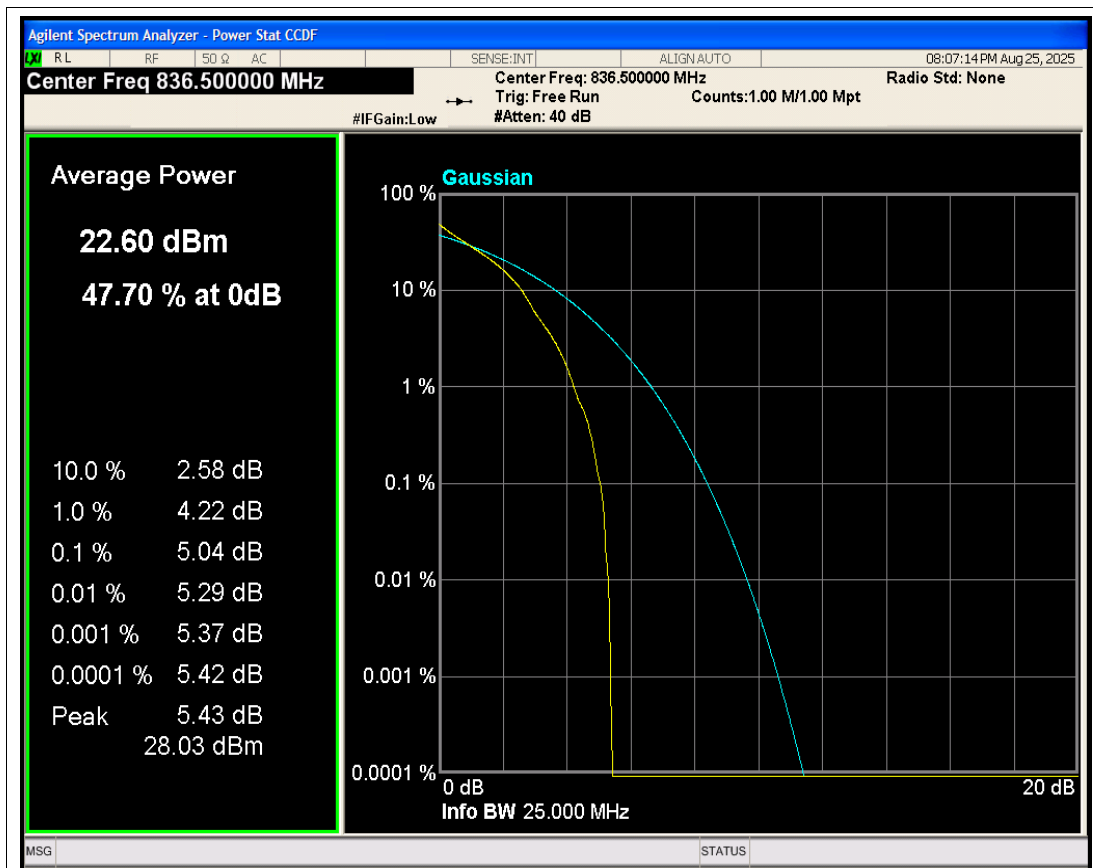
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



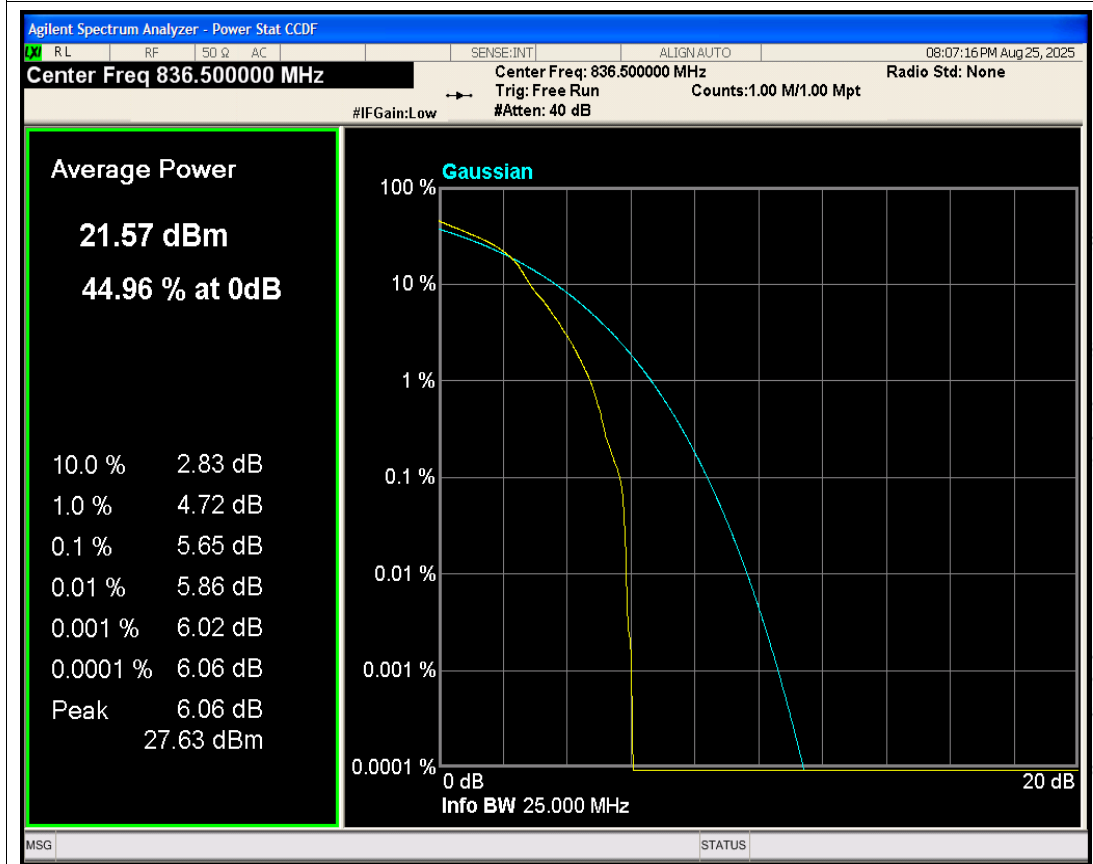
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



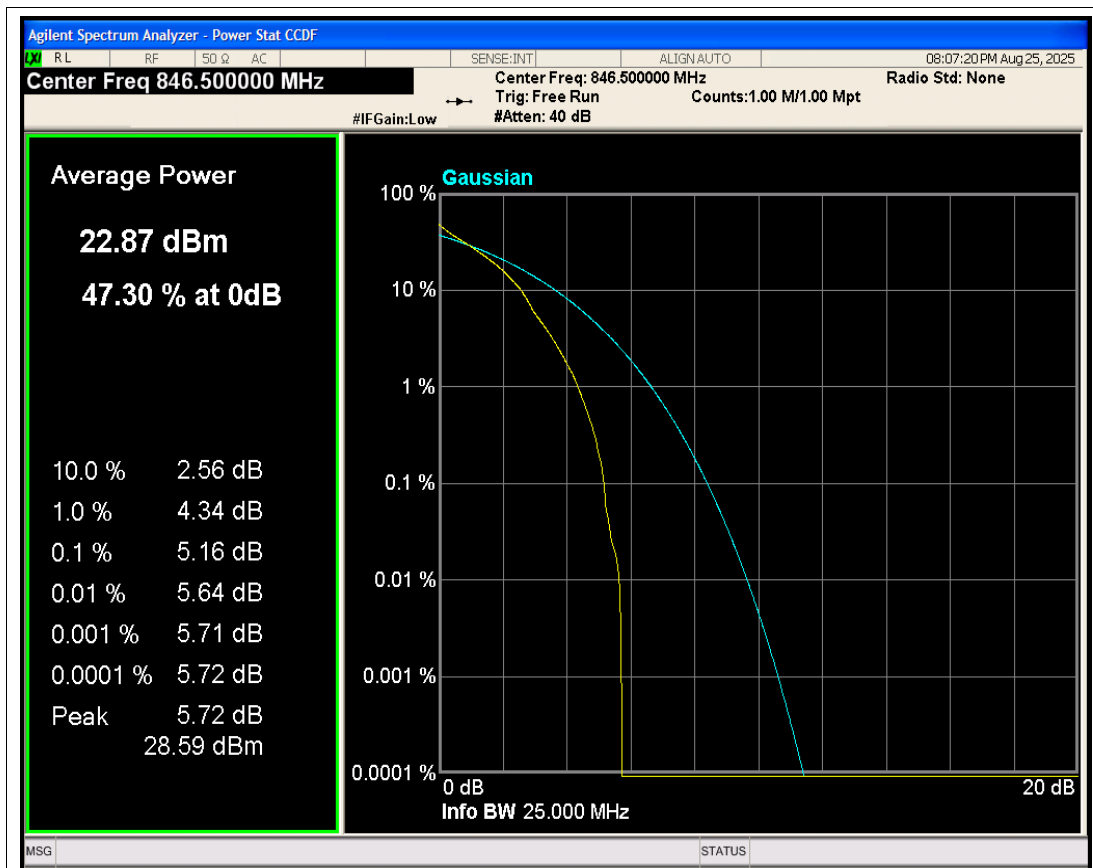
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



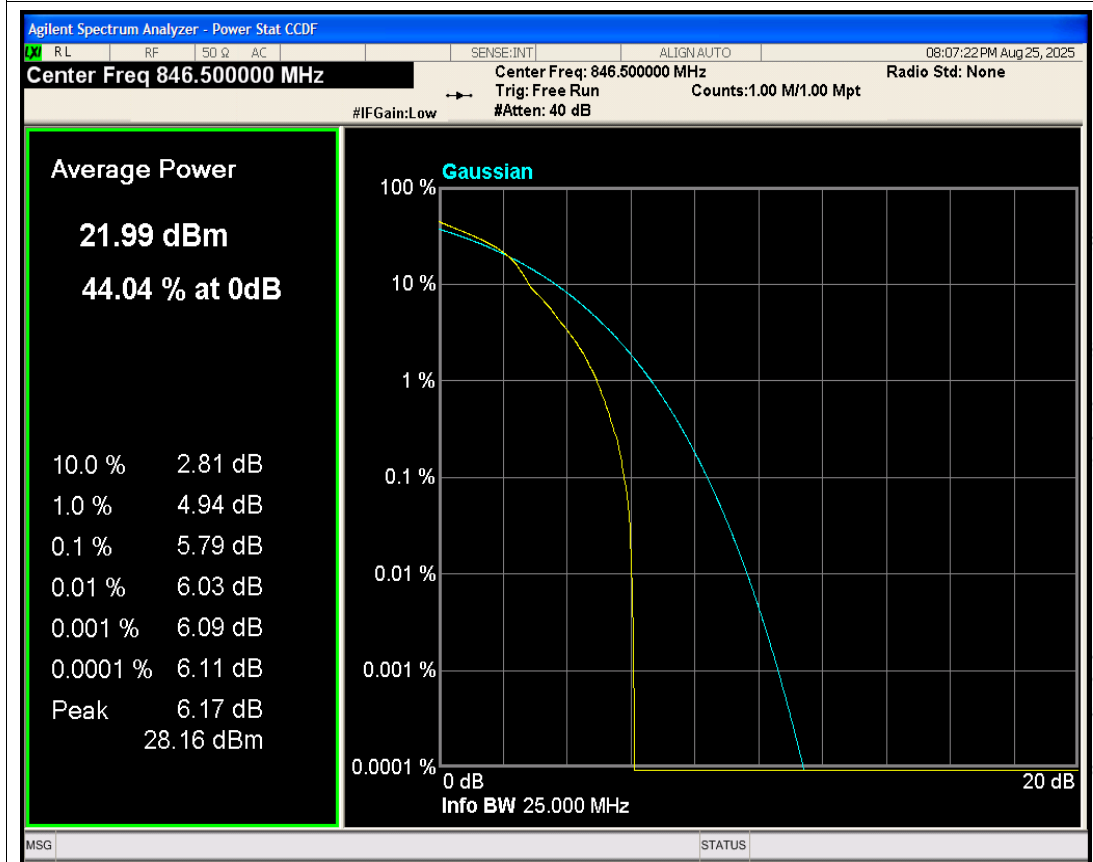
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



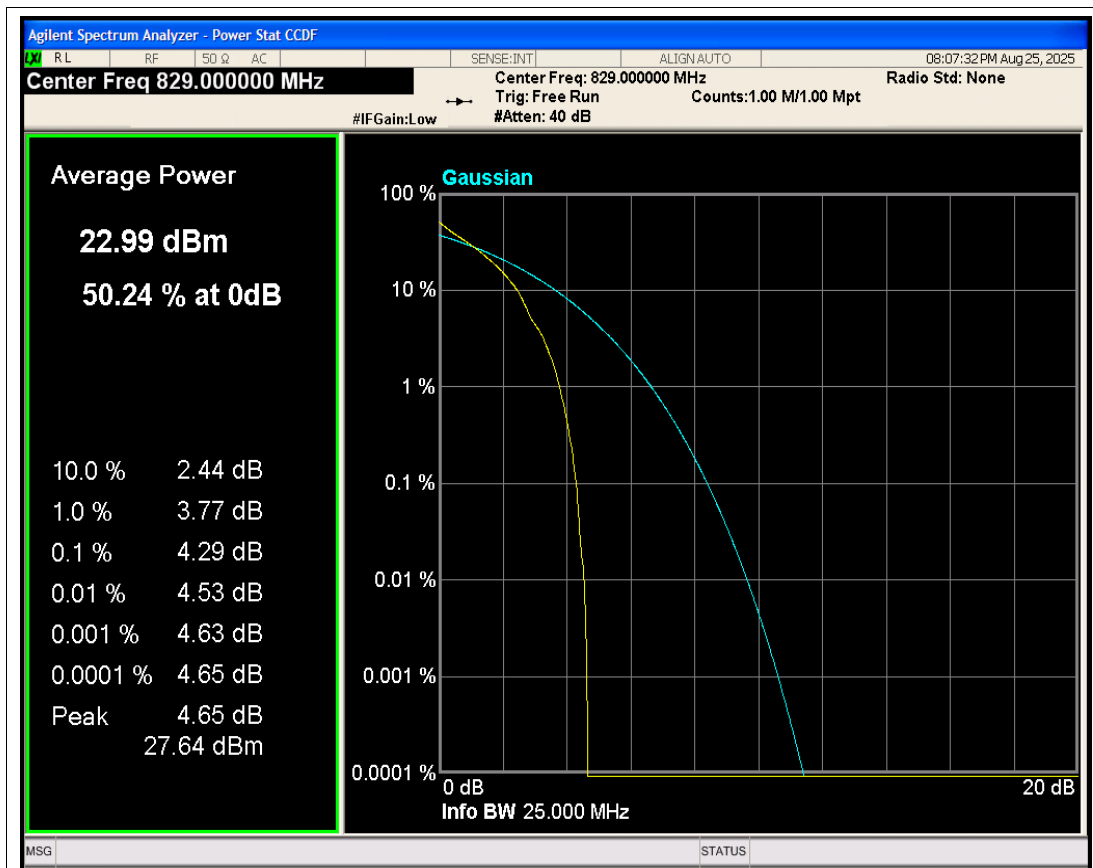
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



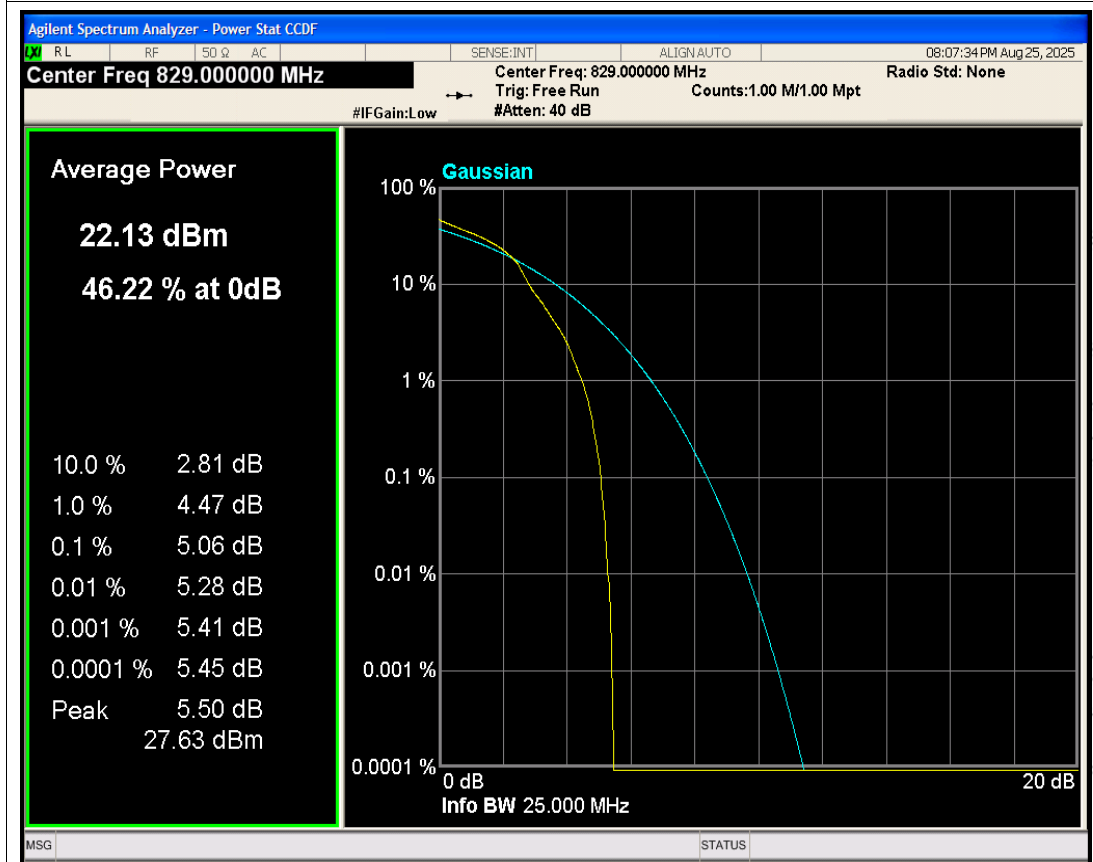
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



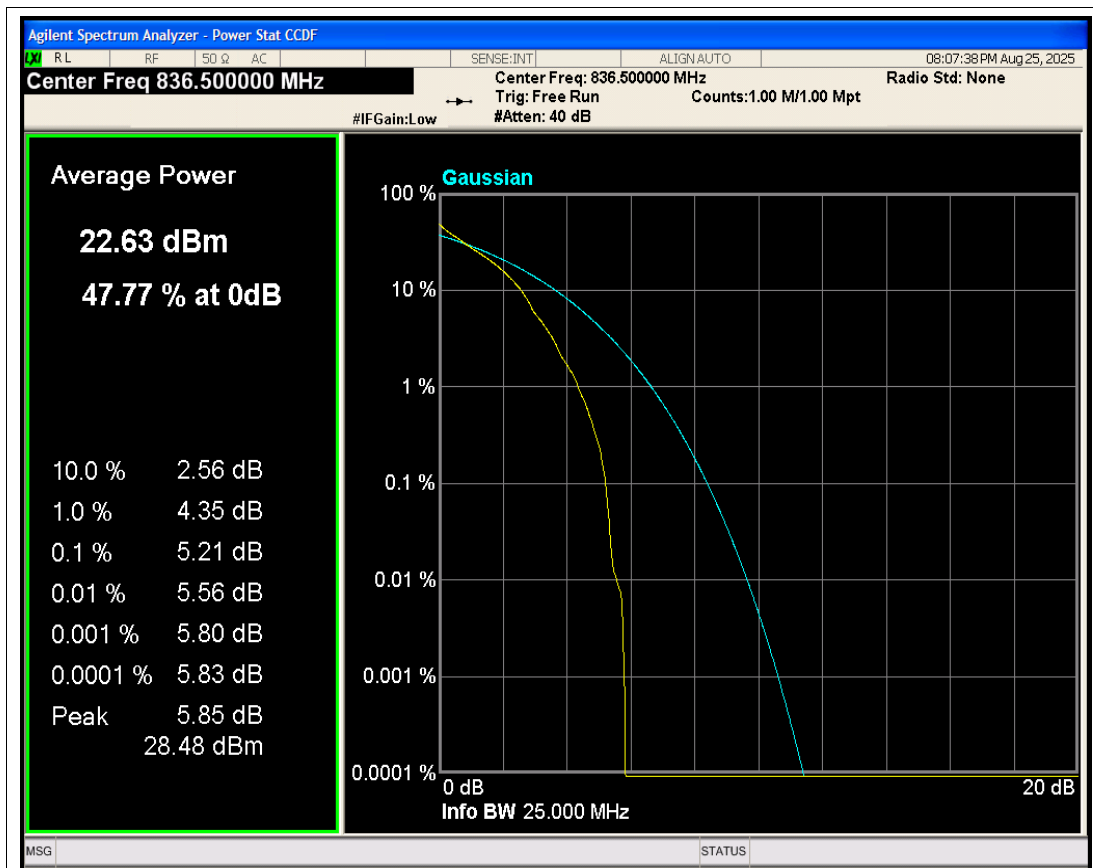
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



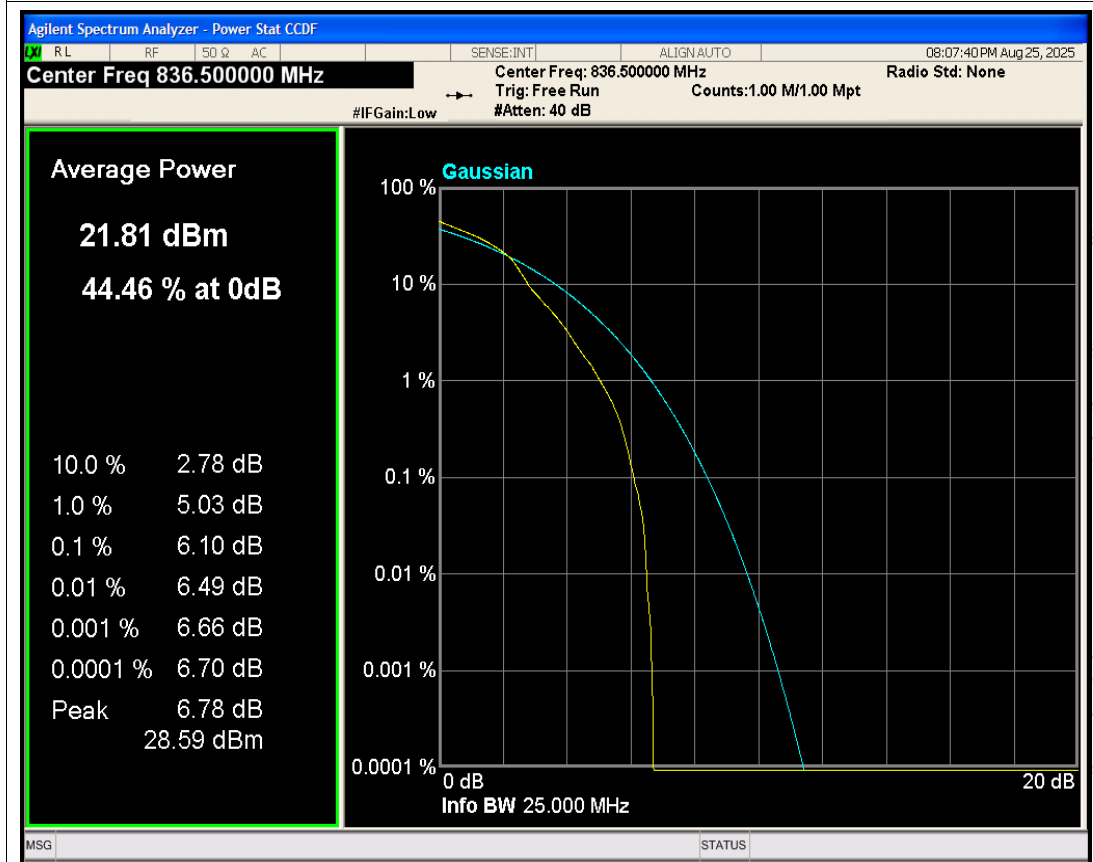
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



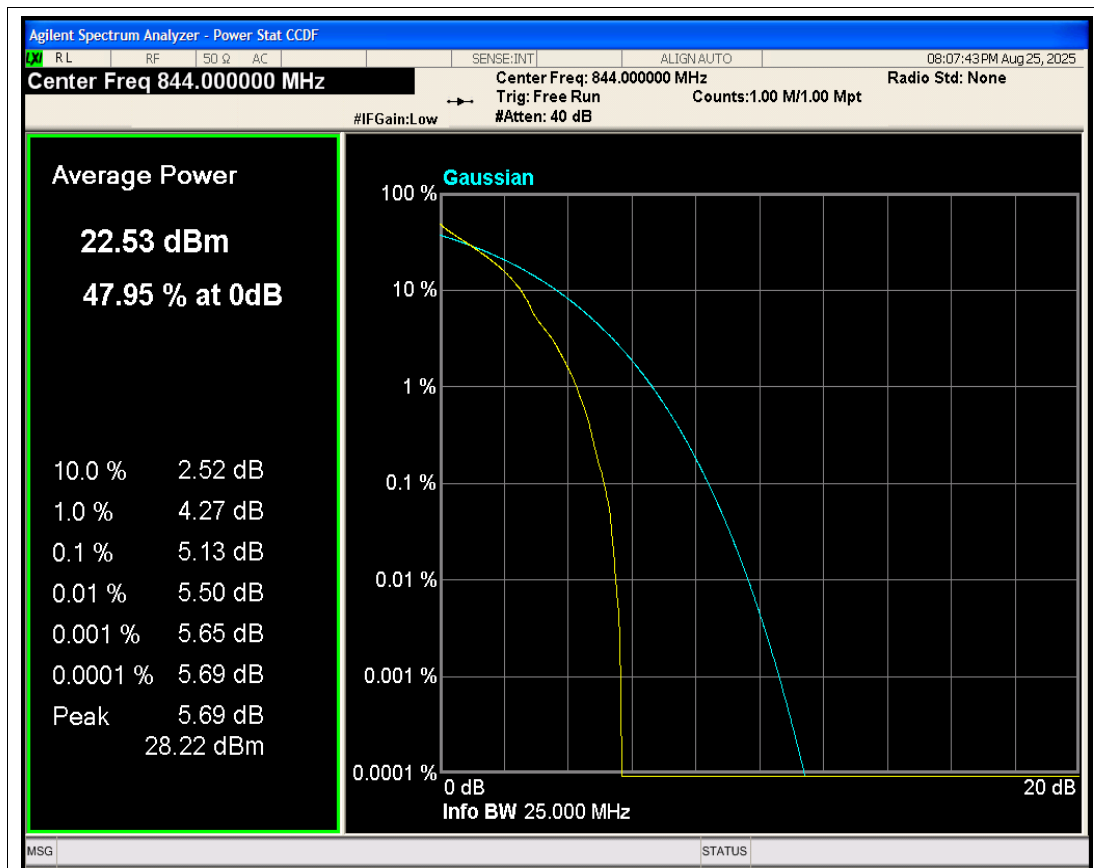
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



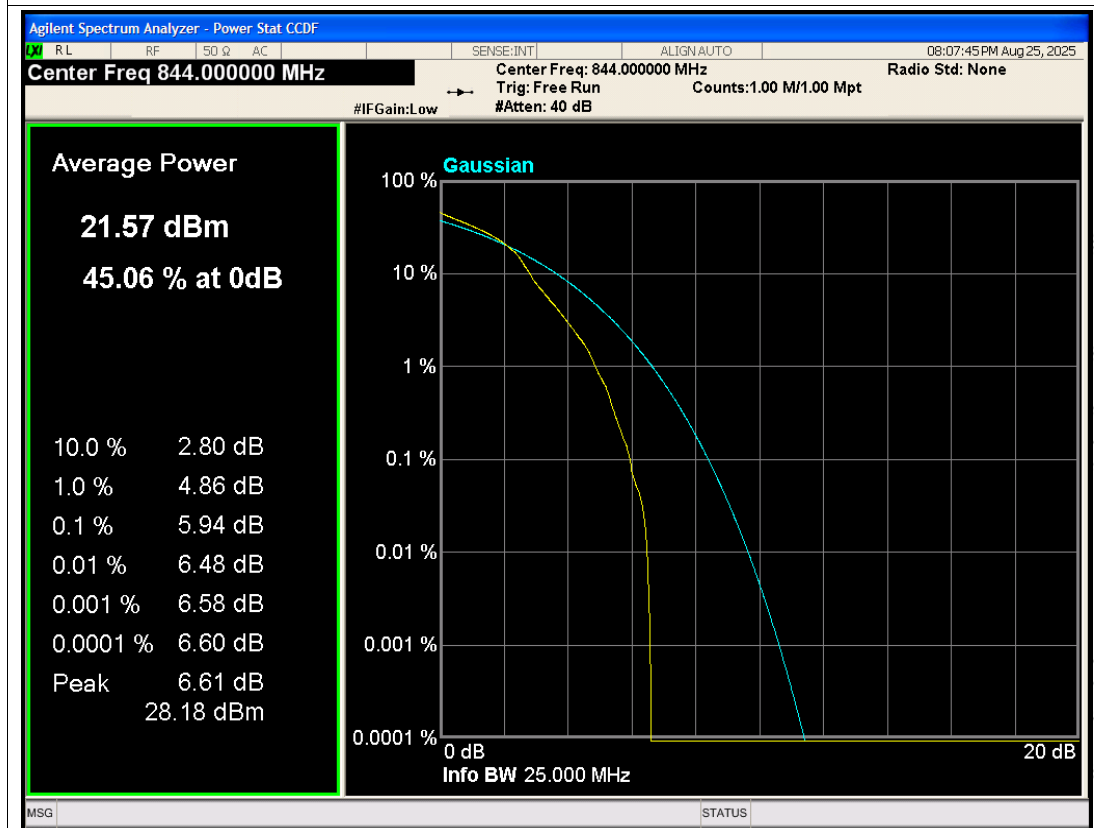
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



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



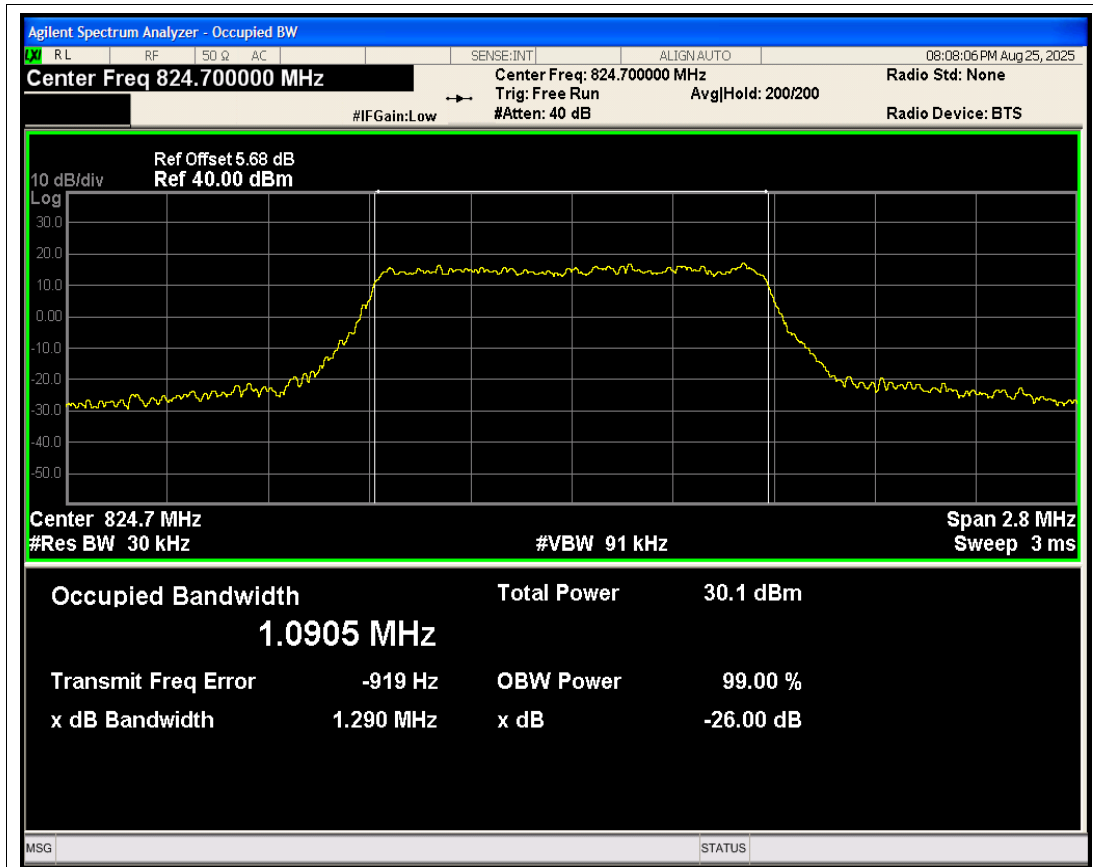
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



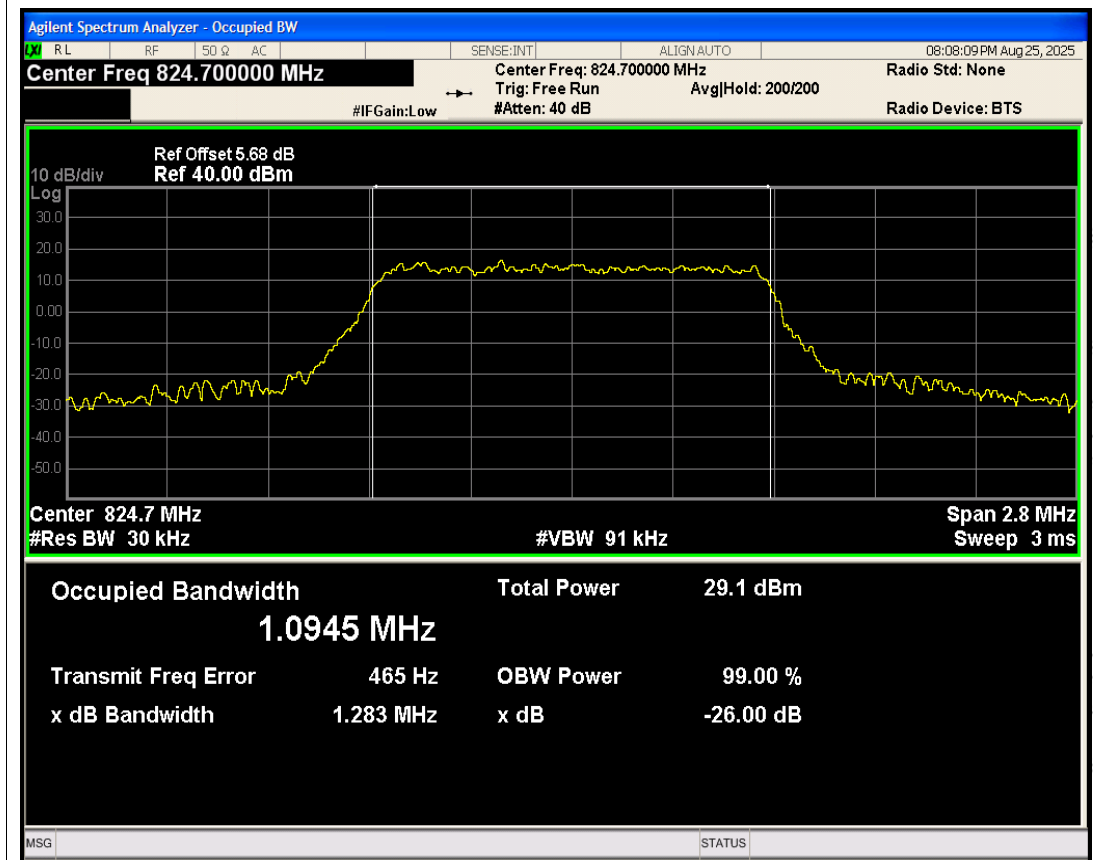
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0

Appendix 4.Occupied bandwidth

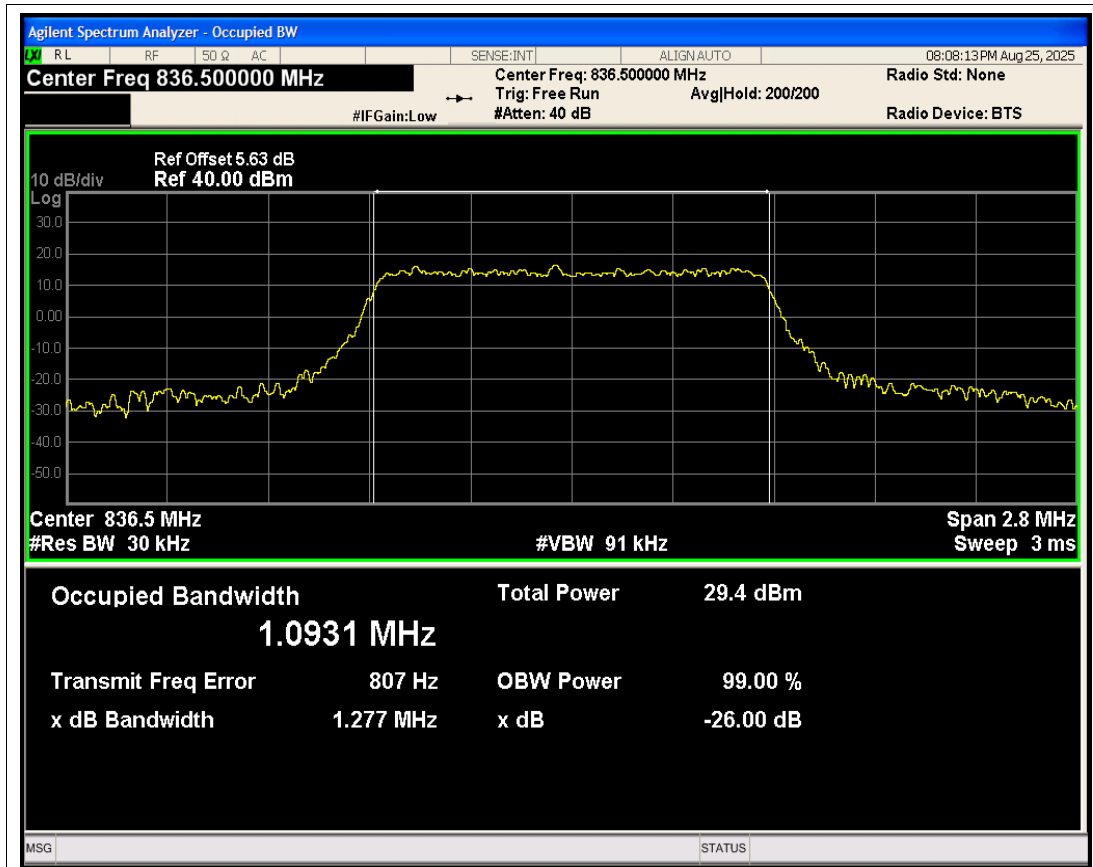
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.091	1.290	PASS
Band5	1.4	20407	6	#0	16QAM	1.095	1.283	PASS
Band5	1.4	20525	6	#0	QPSK	1.093	1.277	PASS
Band5	1.4	20525	6	#0	16QAM	1.098	1.309	PASS
Band5	1.4	20643	6	#0	QPSK	1.094	1.284	PASS
Band5	1.4	20643	6	#0	16QAM	1.091	1.278	PASS
Band5	3	20415	15	#0	QPSK	2.690	2.958	PASS
Band5	3	20415	15	#0	16QAM	2.687	2.960	PASS
Band5	3	20525	15	#0	QPSK	2.699	2.920	PASS
Band5	3	20525	15	#0	16QAM	2.697	2.926	PASS
Band5	3	20635	15	#0	QPSK	2.704	2.940	PASS
Band5	3	20635	15	#0	16QAM	2.693	2.932	PASS
Band5	5	20425	25	#0	QPSK	4.500	4.886	PASS
Band5	5	20425	25	#0	16QAM	4.518	4.994	PASS
Band5	5	20525	25	#0	QPSK	4.503	4.888	PASS
Band5	5	20525	25	#0	16QAM	4.501	4.880	PASS
Band5	5	20625	25	#0	QPSK	4.498	4.892	PASS
Band5	5	20625	25	#0	16QAM	4.492	4.908	PASS
Band5	10	20450	50	#0	QPSK	9.017	9.699	PASS
Band5	10	20450	50	#0	16QAM	8.990	9.679	PASS
Band5	10	20525	50	#0	QPSK	8.968	9.644	PASS
Band5	10	20525	50	#0	16QAM	8.981	9.726	PASS
Band5	10	20600	50	#0	QPSK	8.968	9.626	PASS
Band5	10	20600	50	#0	16QAM	8.997	9.699	PASS



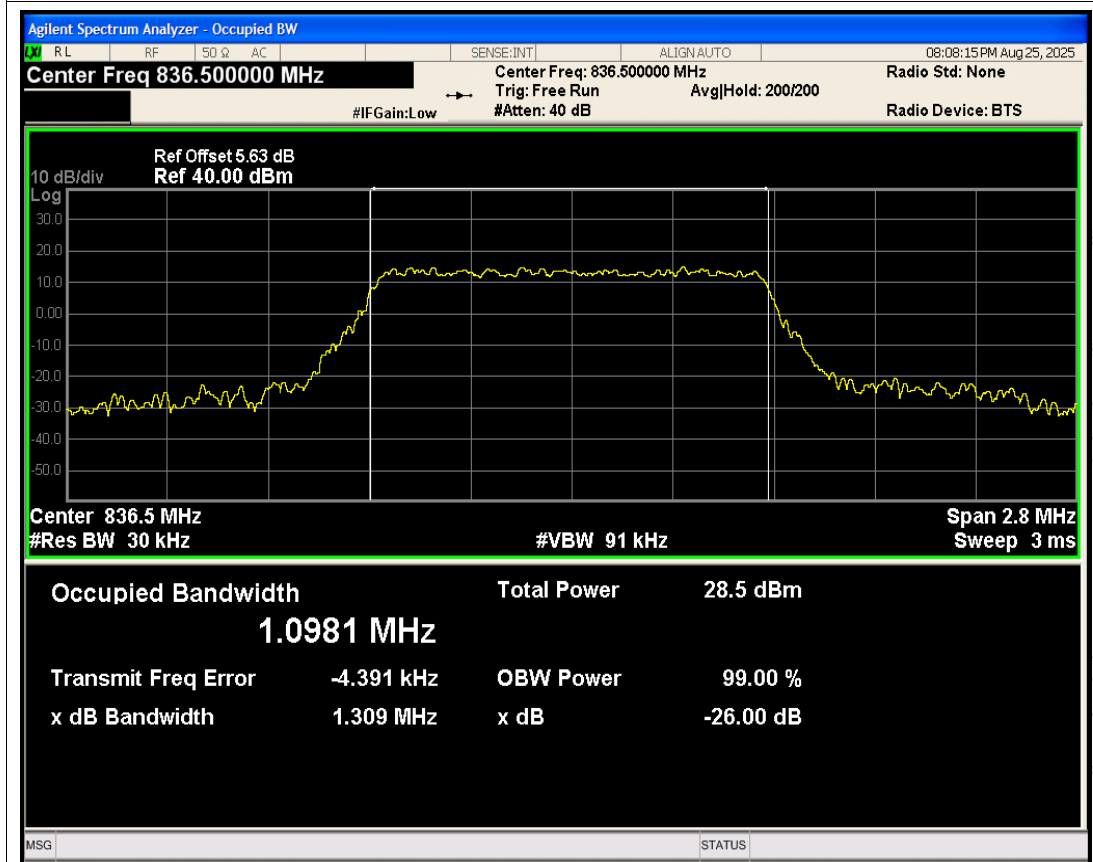
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



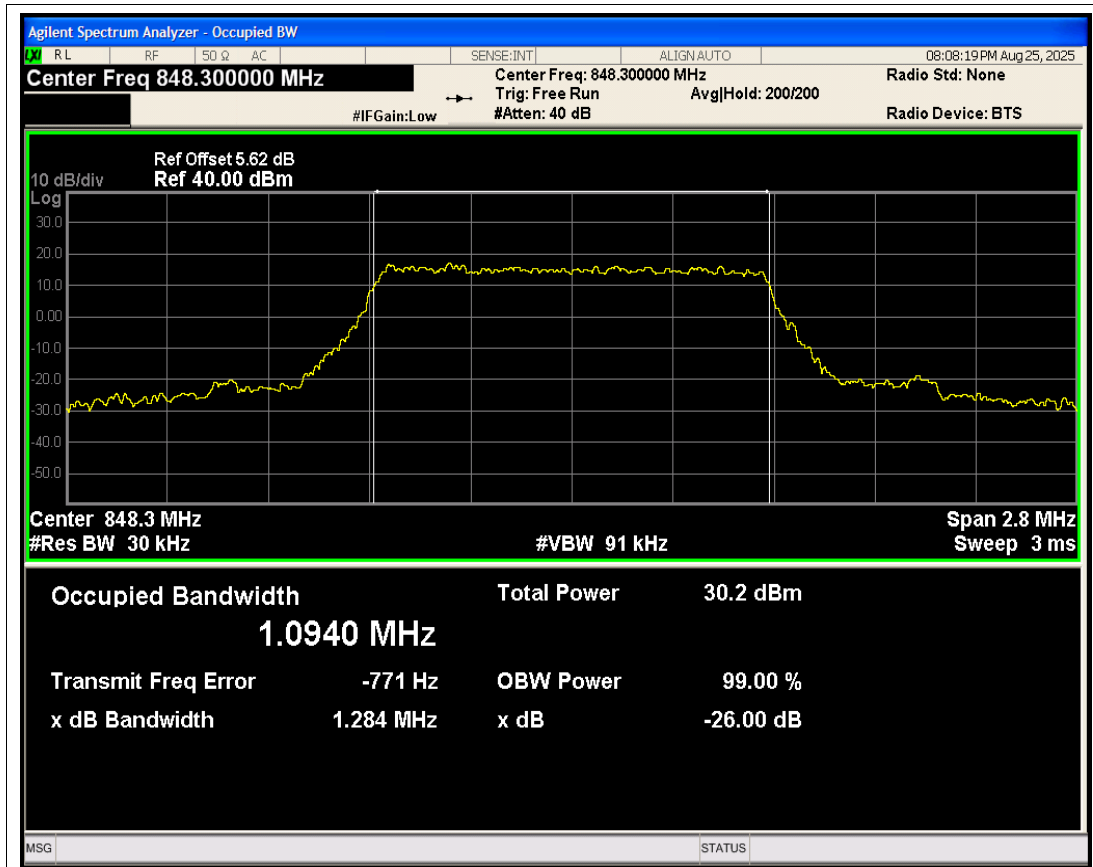
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



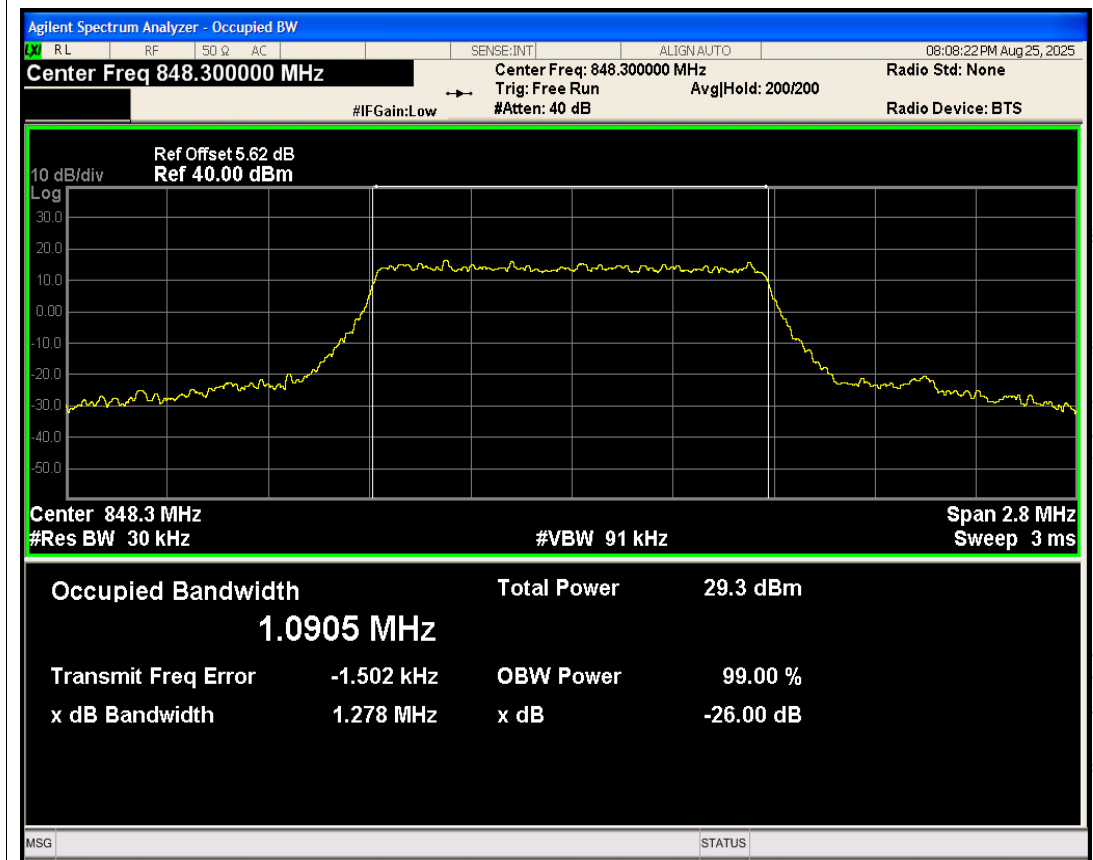
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



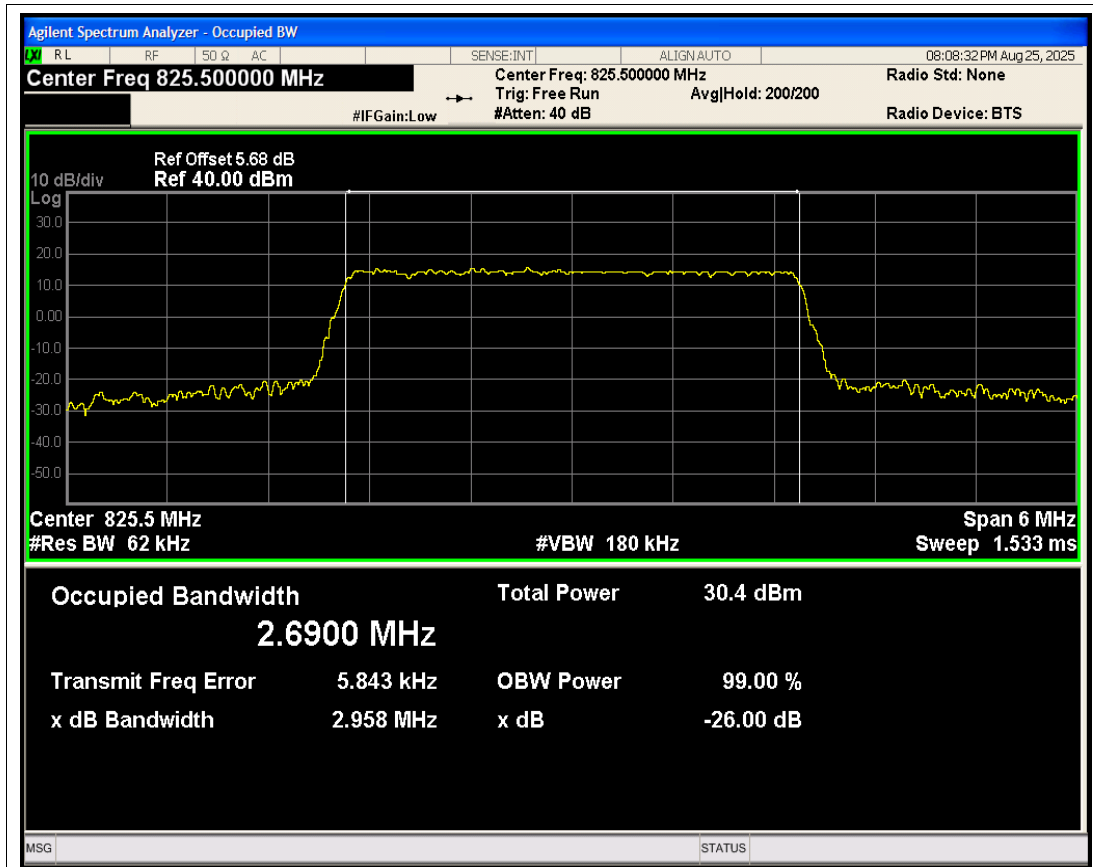
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



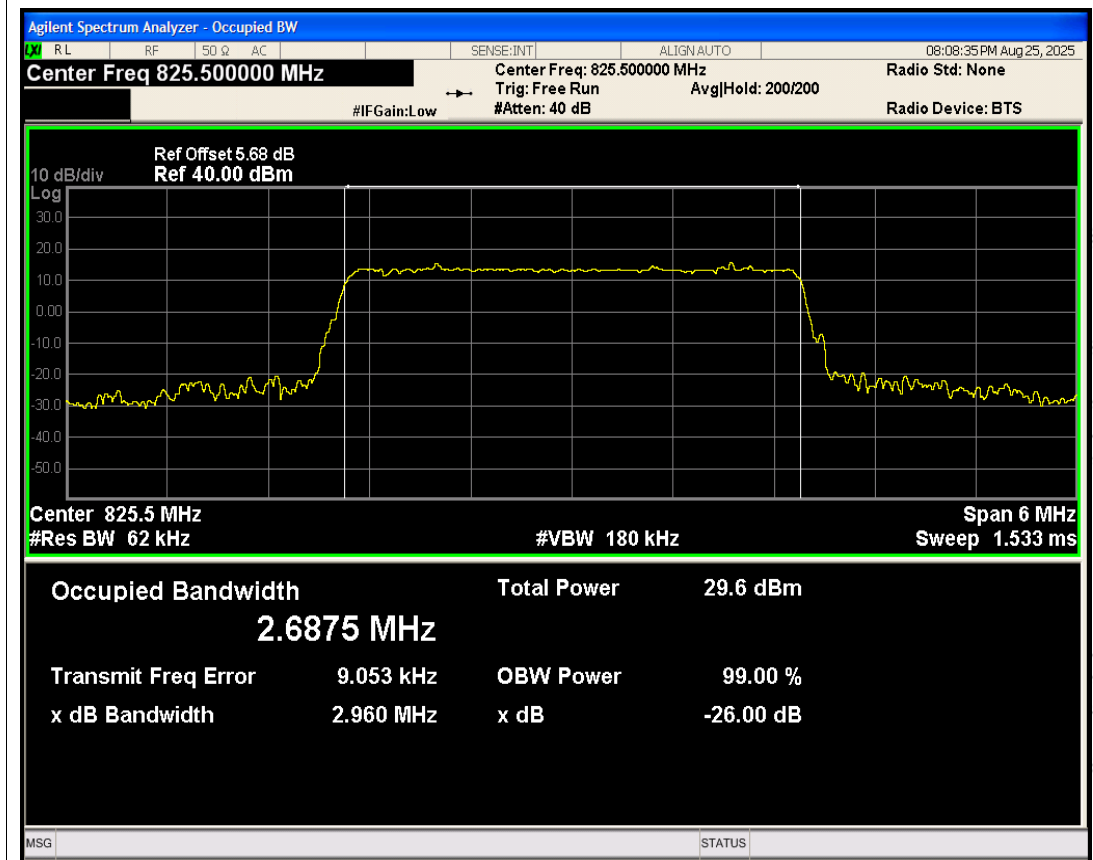
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



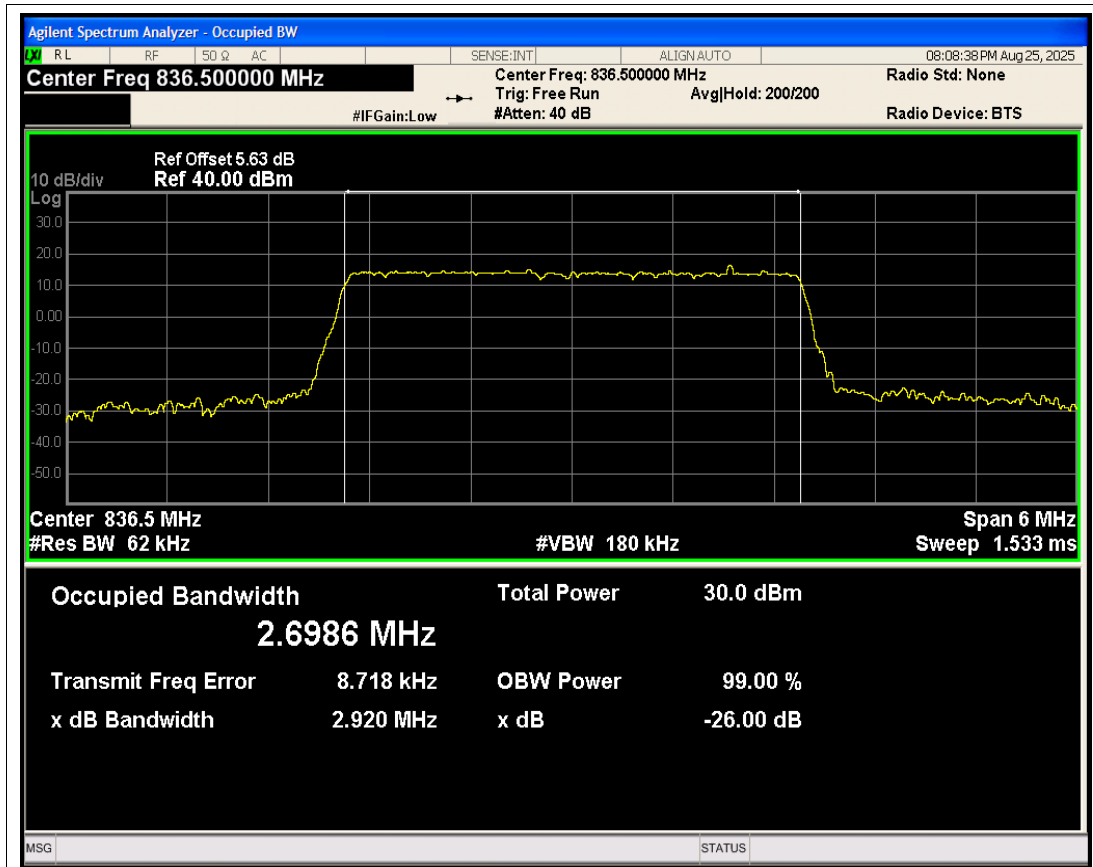
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



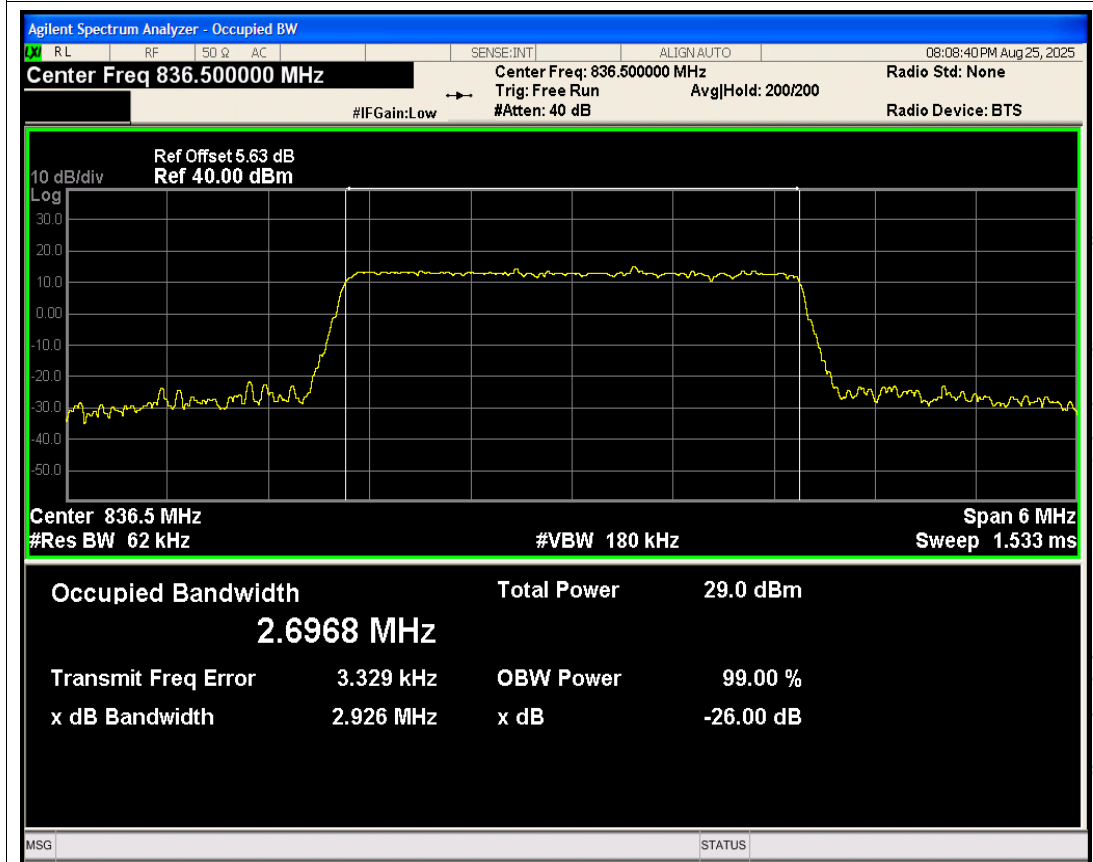
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



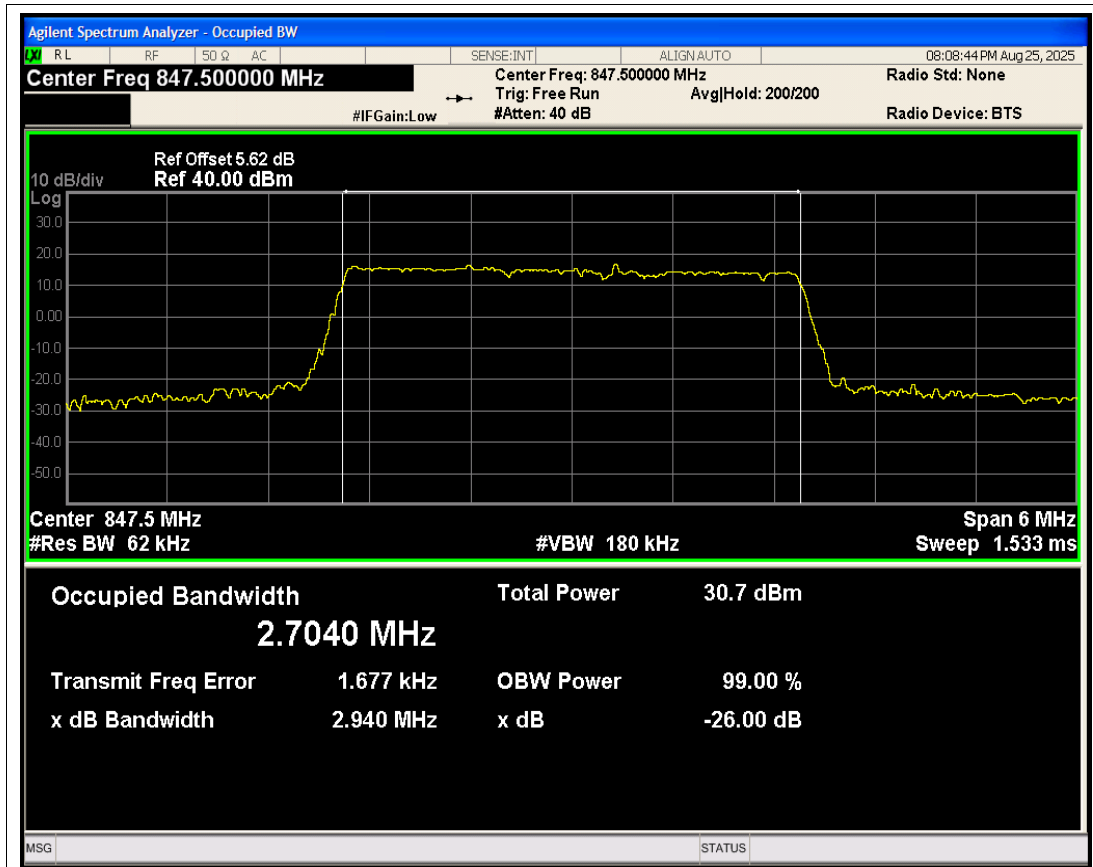
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



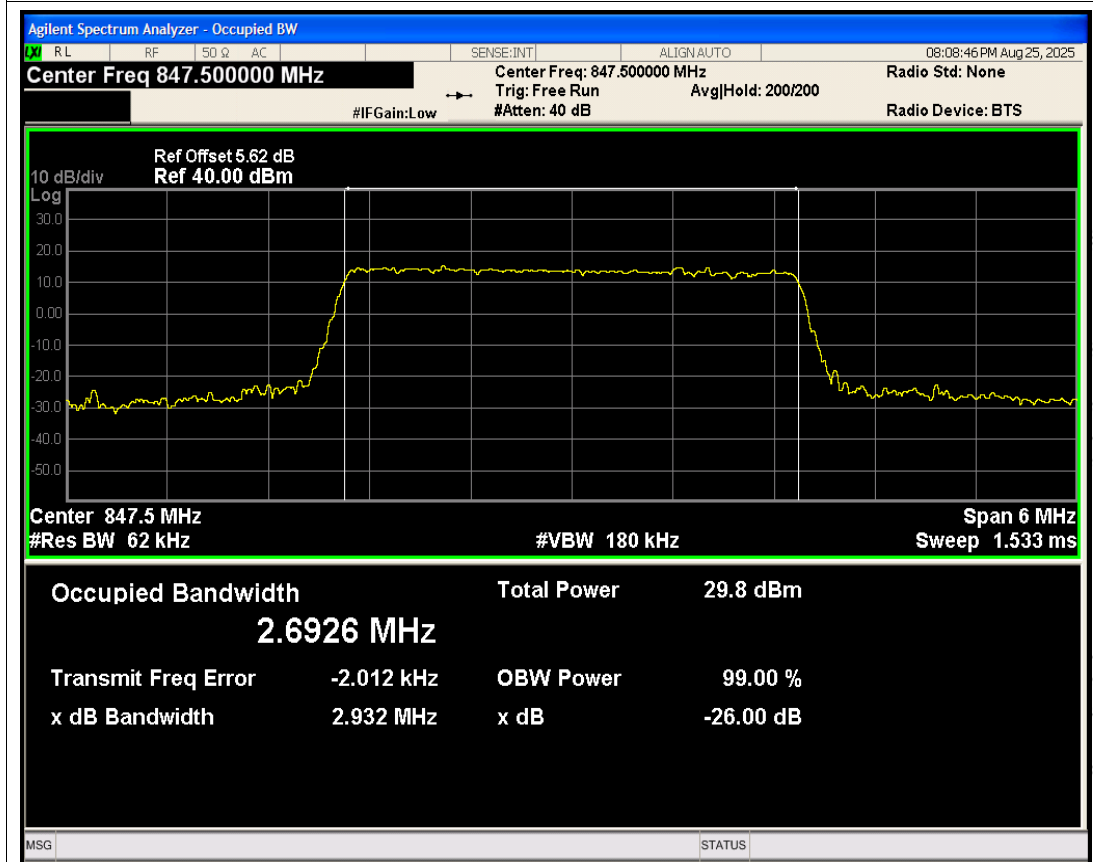
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



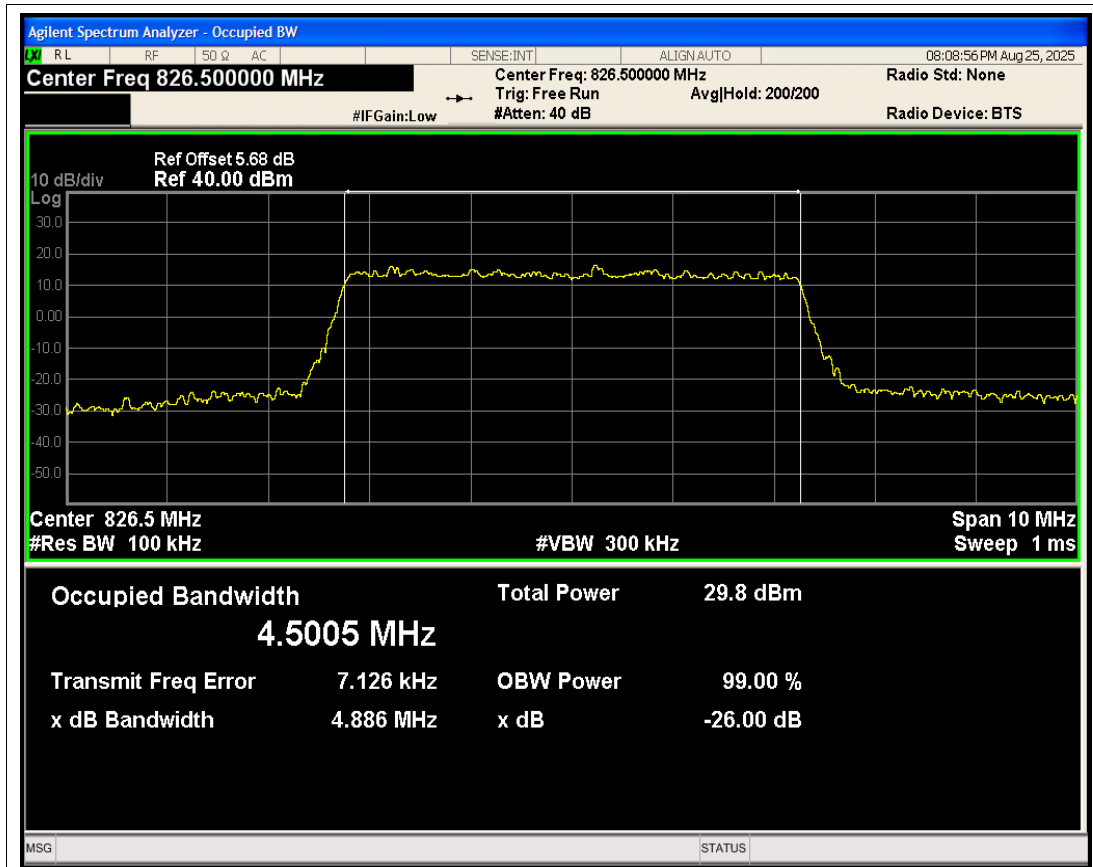
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



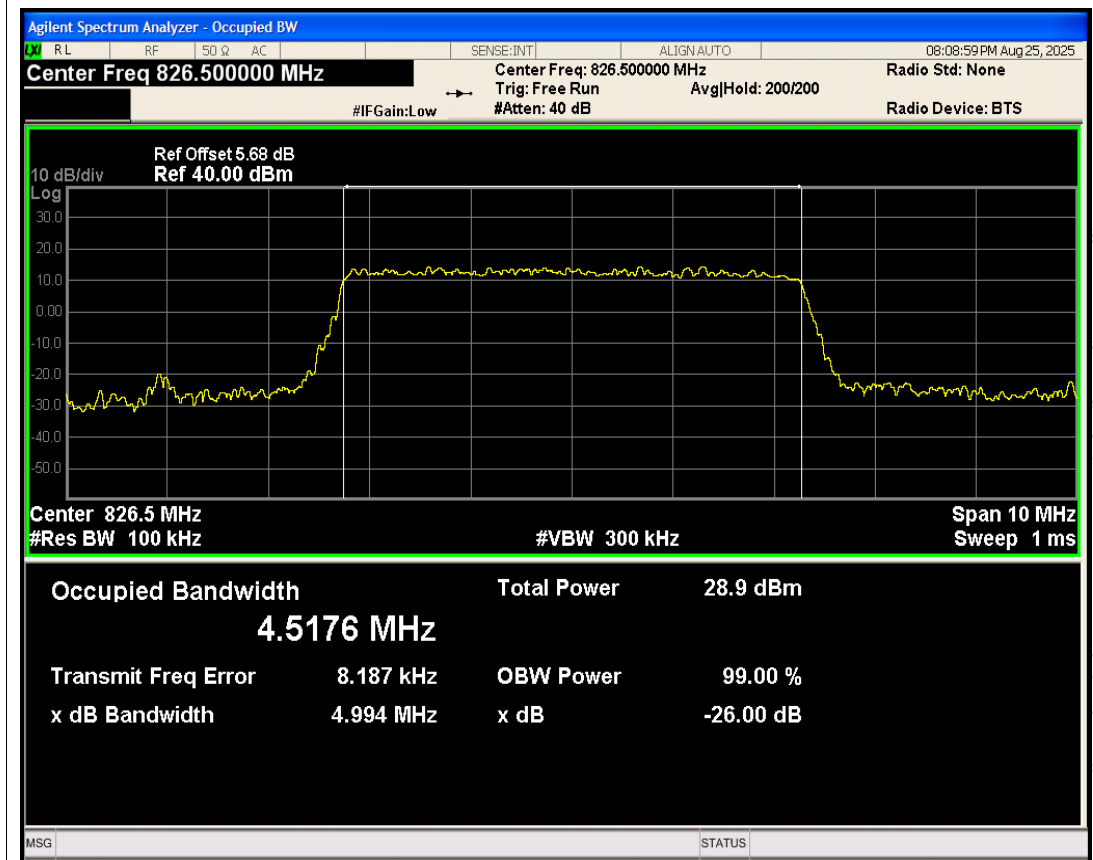
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



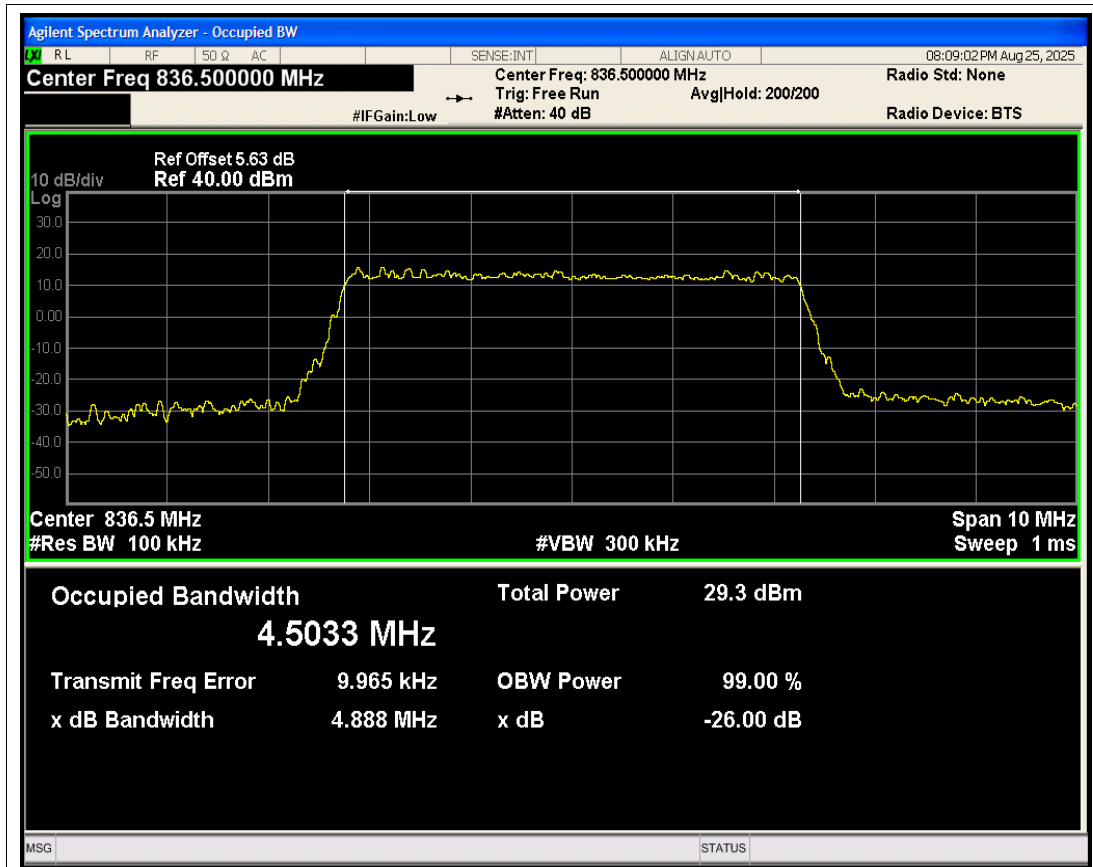
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



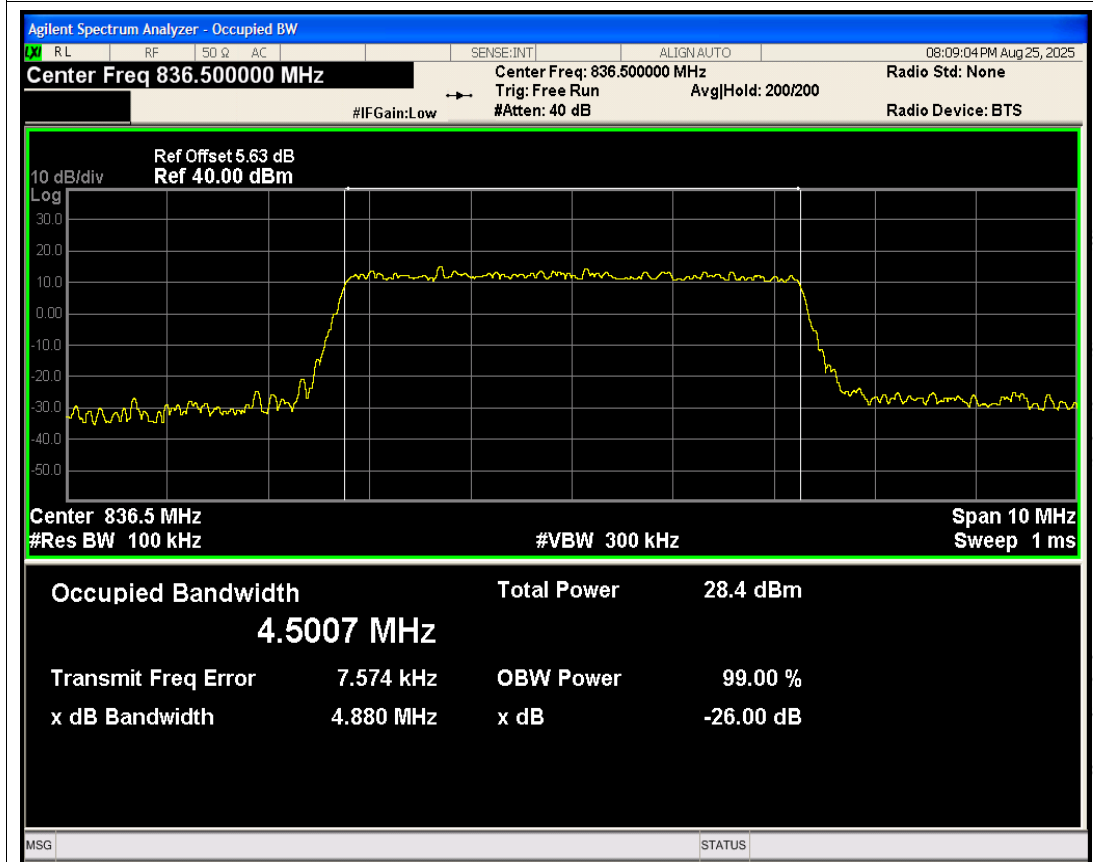
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



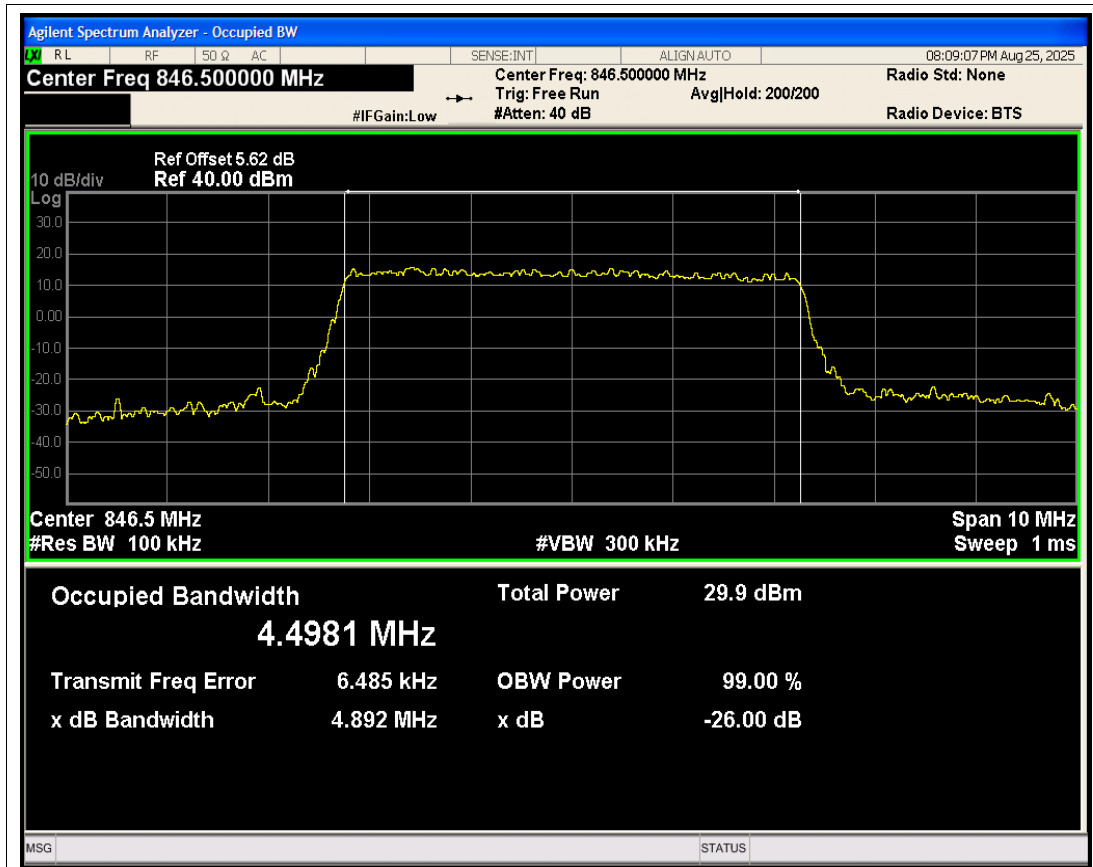
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



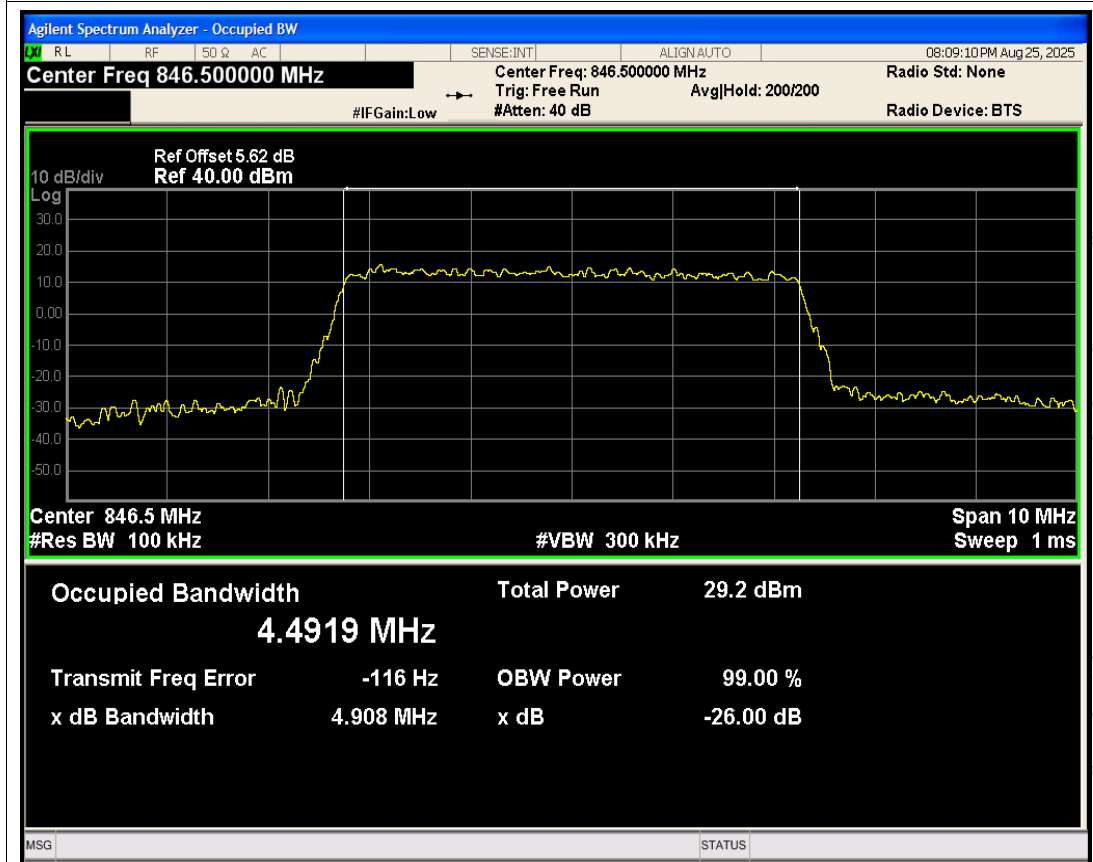
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



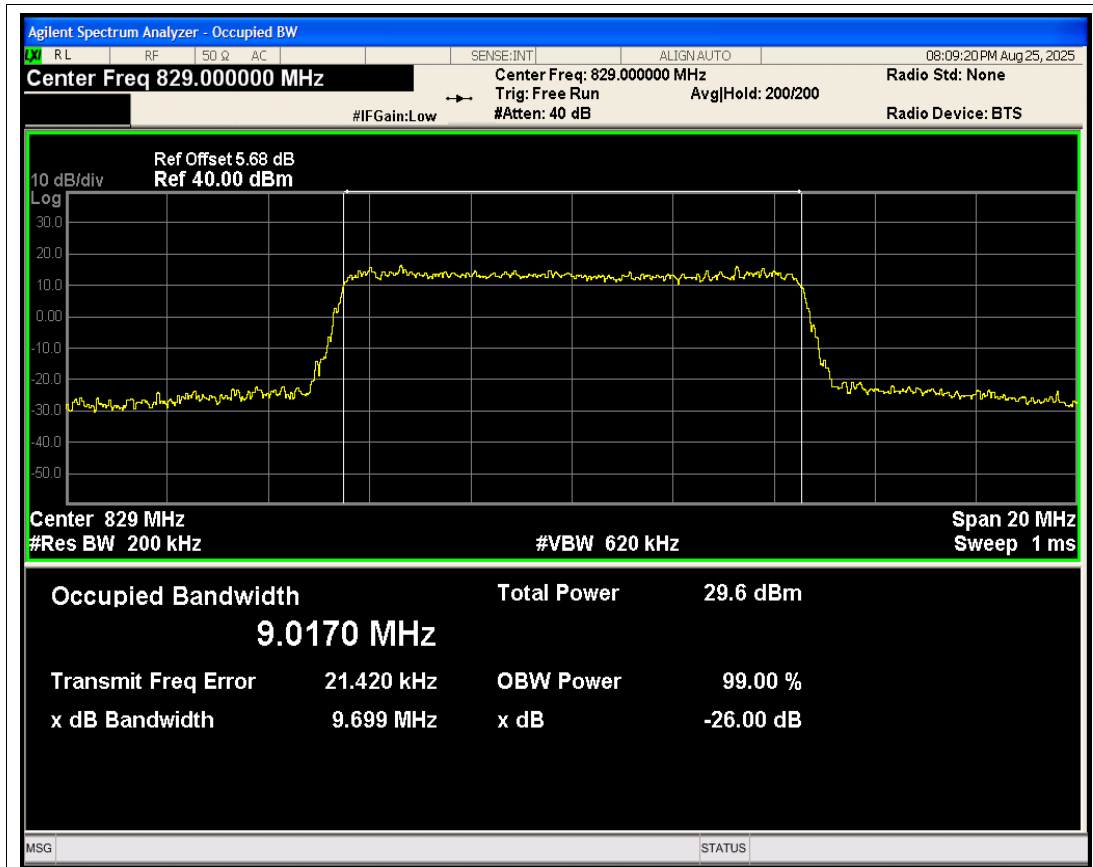
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



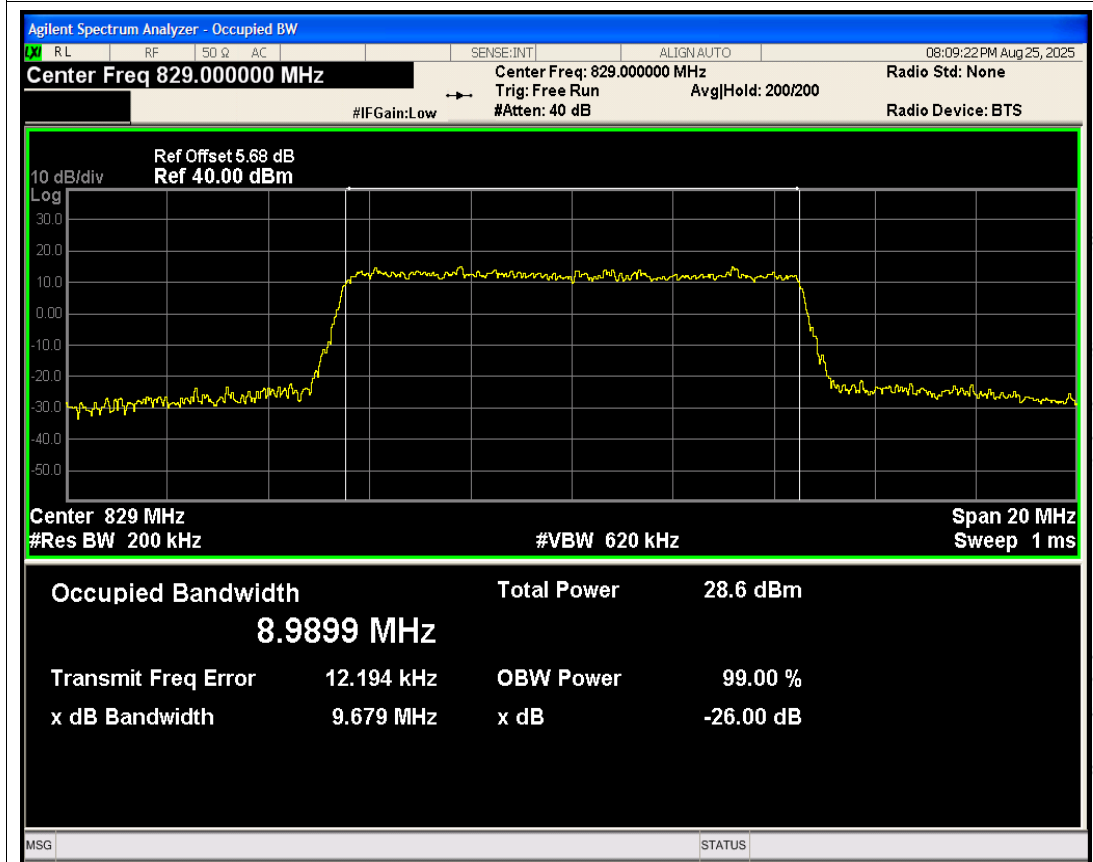
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



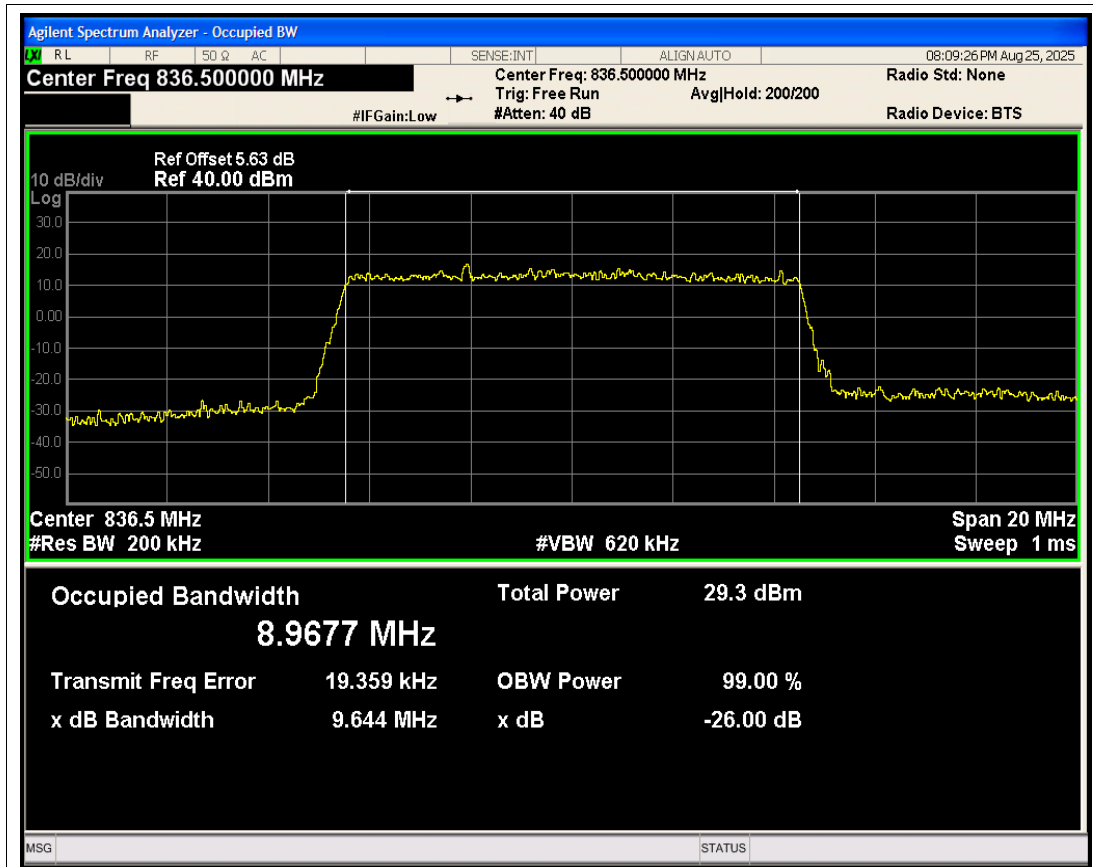
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



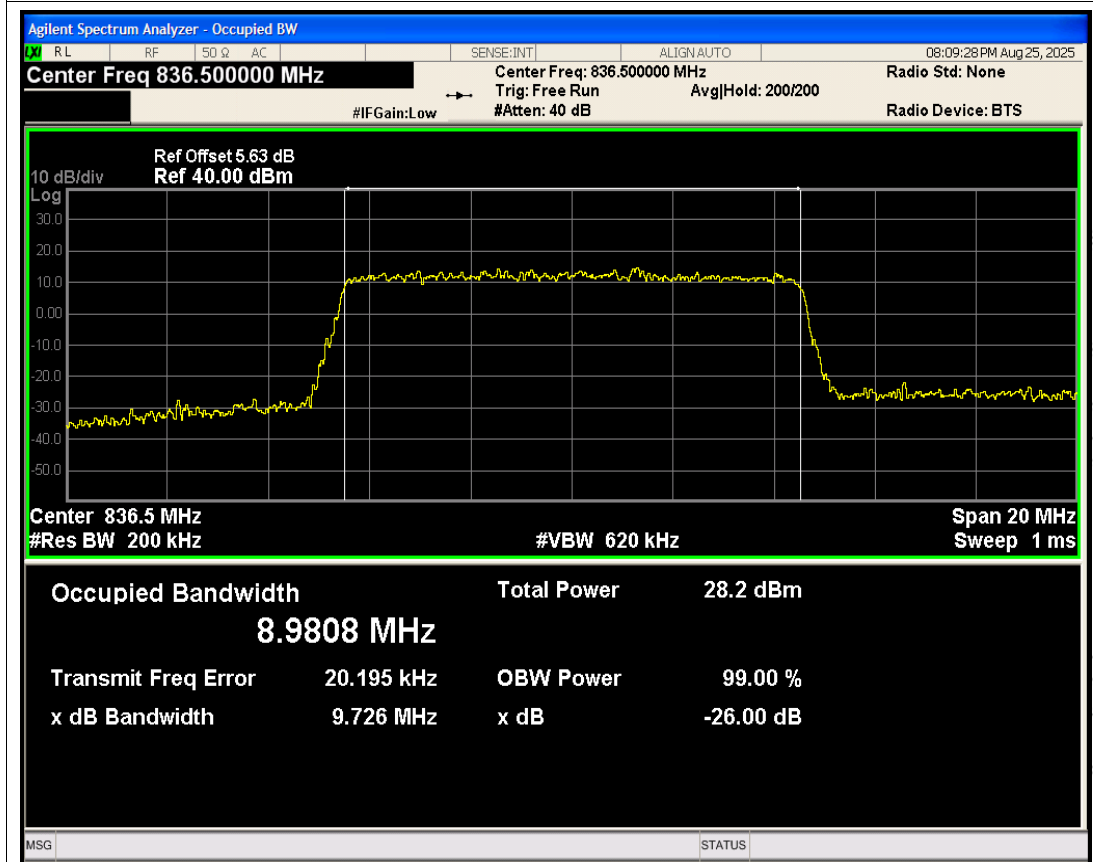
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



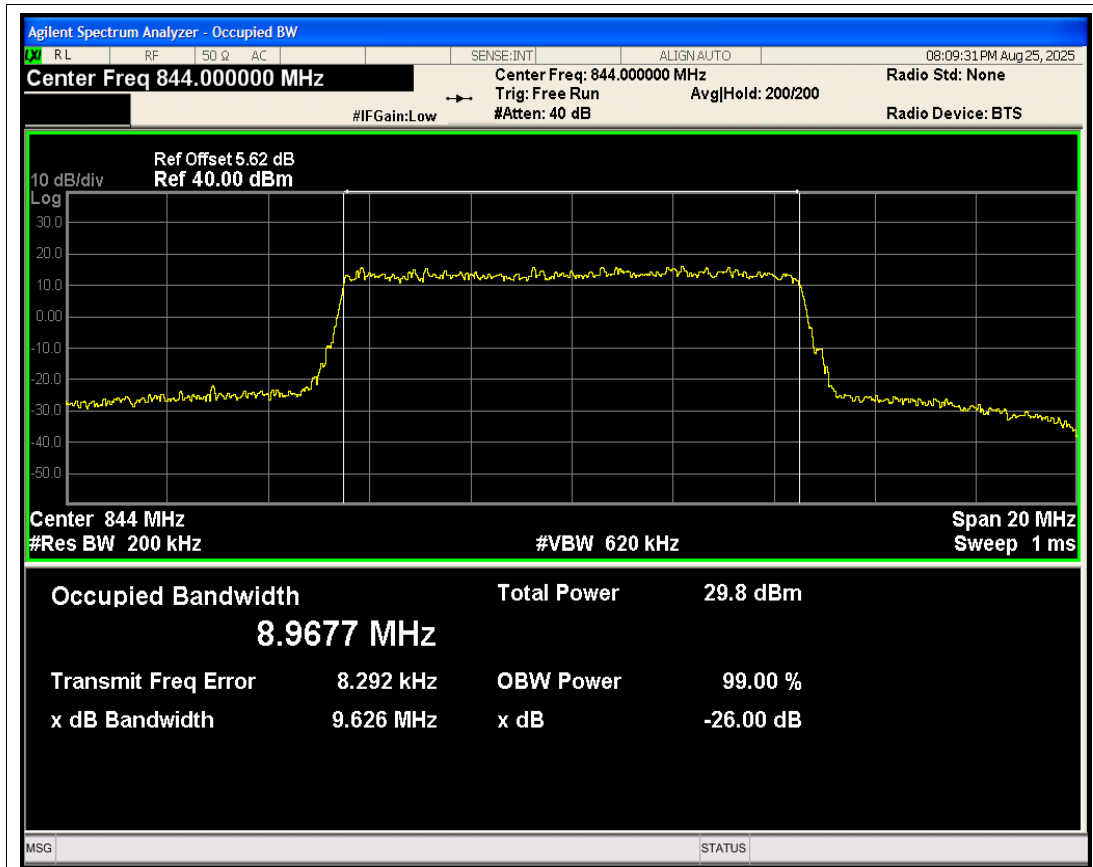
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



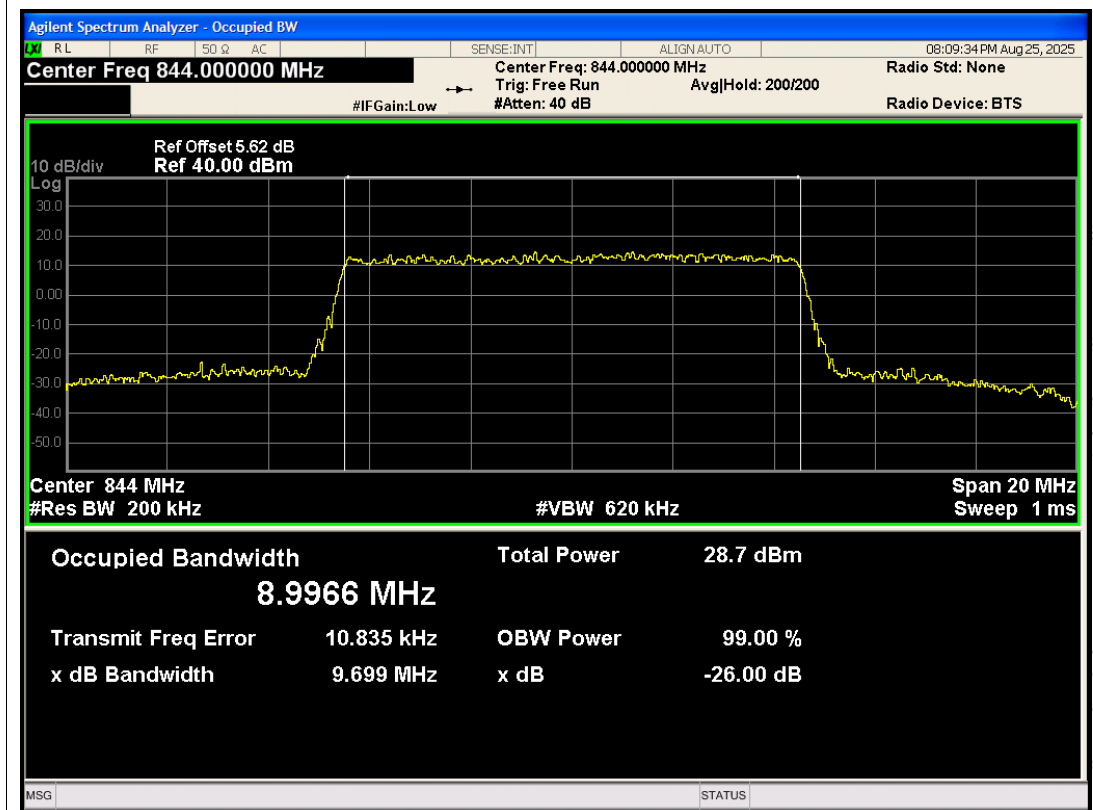
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



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



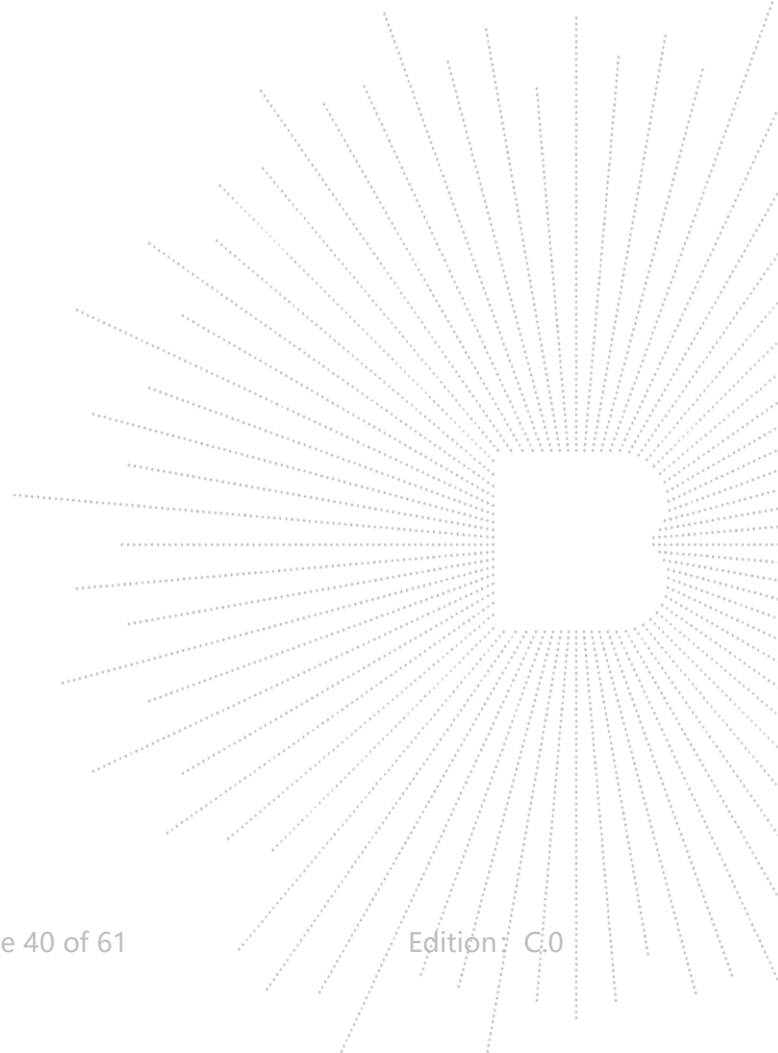
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0

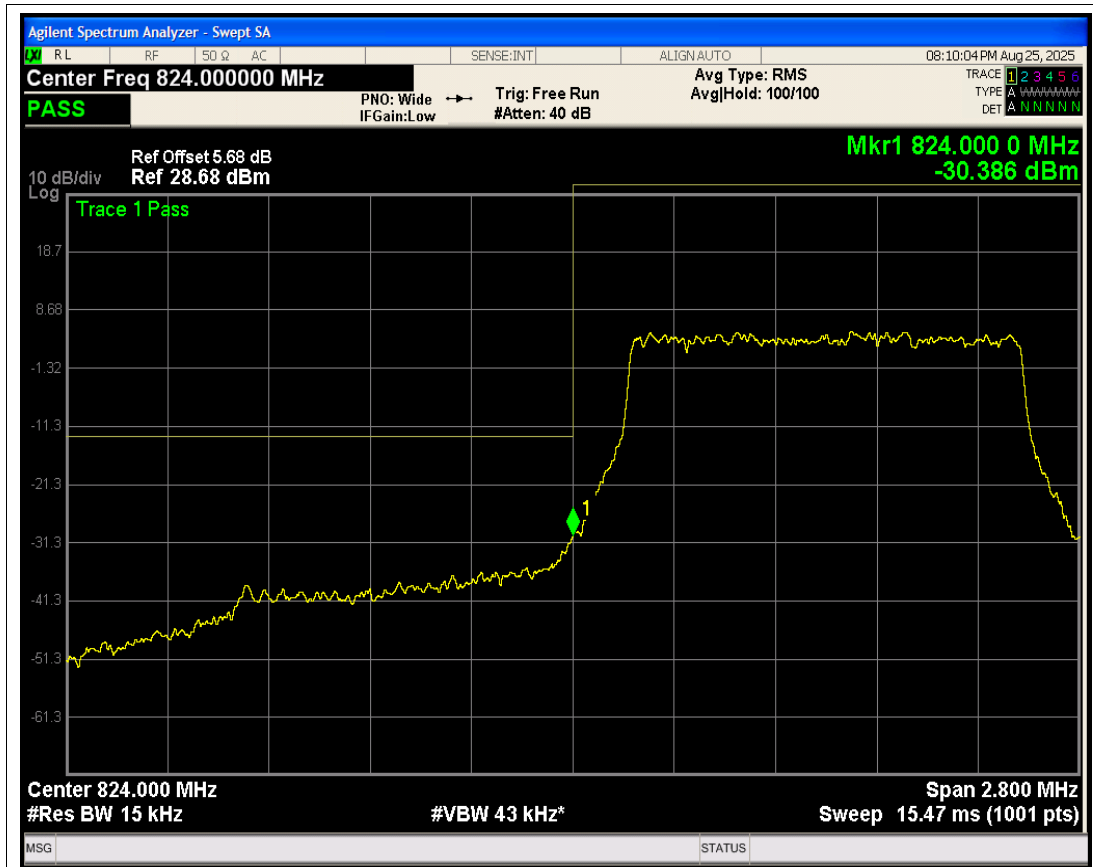


Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0

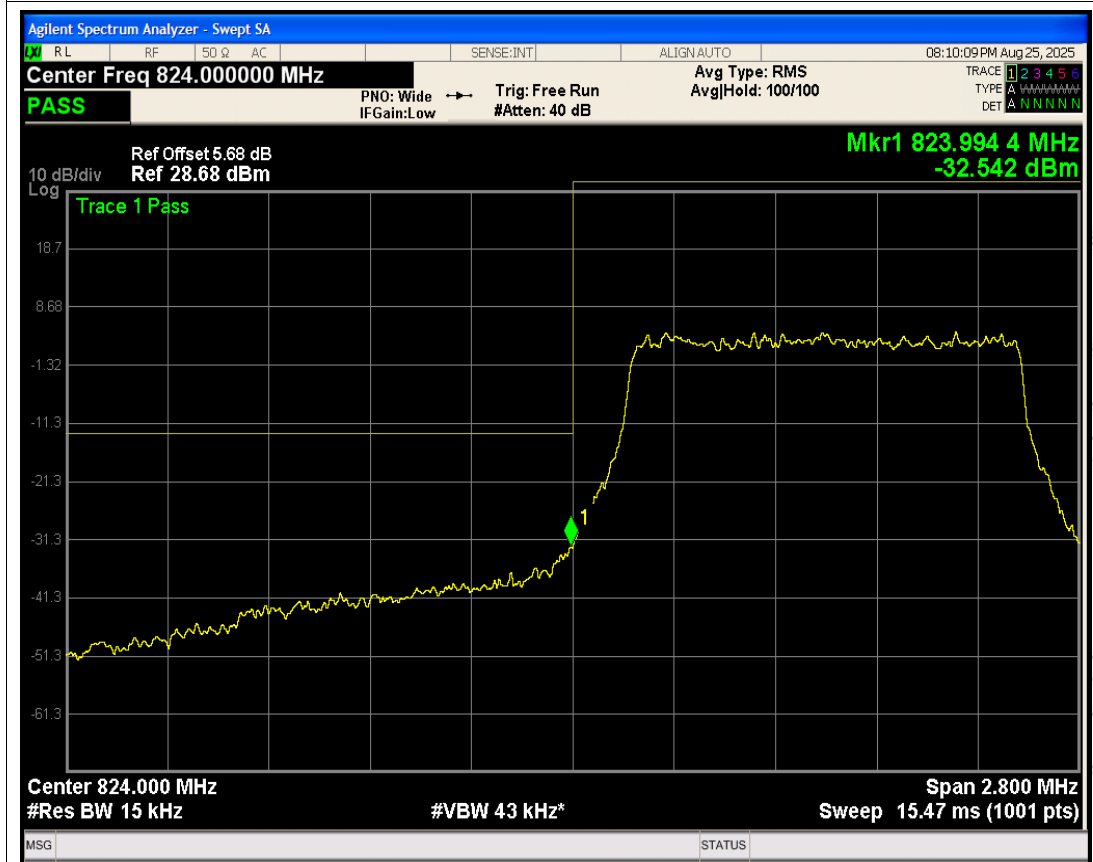
Appendix 5.Band edge

<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band5	1.4	20407	6	#0	QPSK	824.00	-30.38	-13	PASS
Band5	1.4	20407	6	#0	16QAM	823.99	-32.54	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.02	-29.40	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.00	-31.22	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-31.72	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-33.28	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-31.60	-13	PASS
Band5	3	20635	15	#0	16QAM	849.01	-33.71	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-31.44	-13	PASS
Band5	5	20425	25	#0	16QAM	824.00	-32.49	-13	PASS
Band5	5	20625	25	#0	QPSK	849.08	-32.59	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-31.56	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-32.89	-13	PASS
Band5	10	20450	50	#0	16QAM	823.98	-37.04	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-32.86	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-35.59	-13	PASS

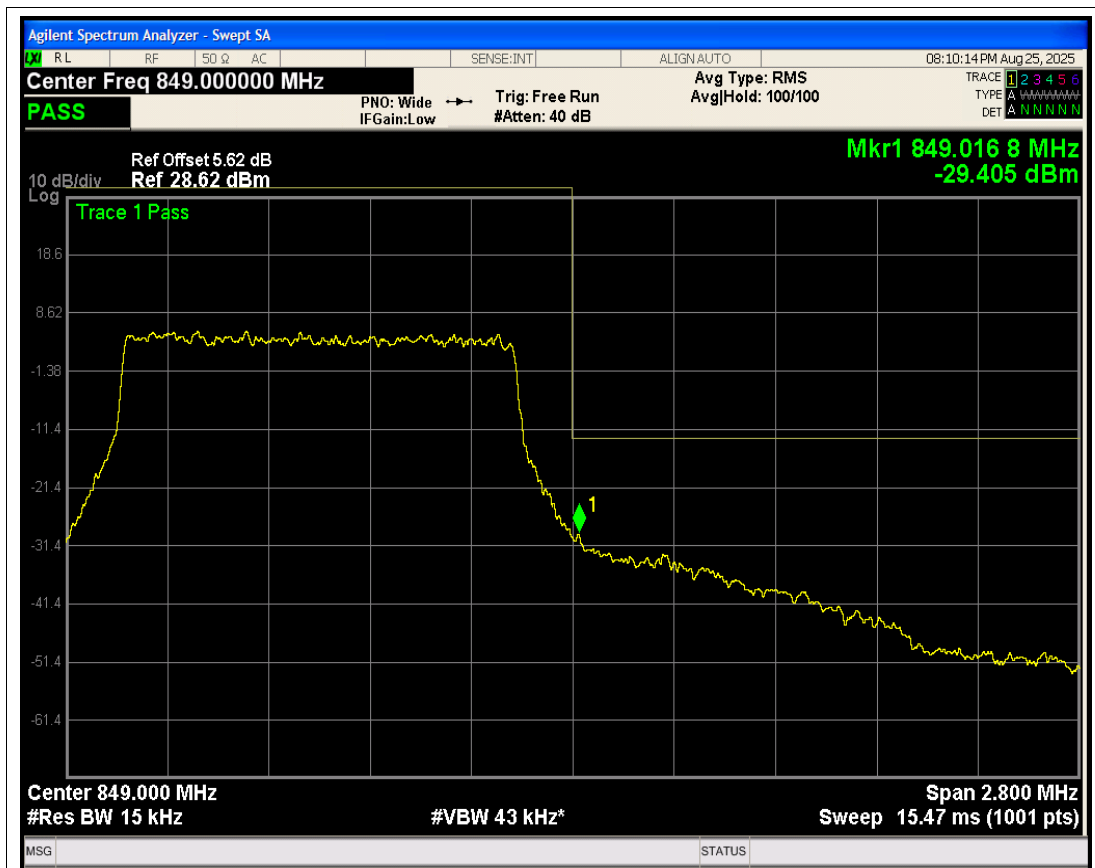




Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



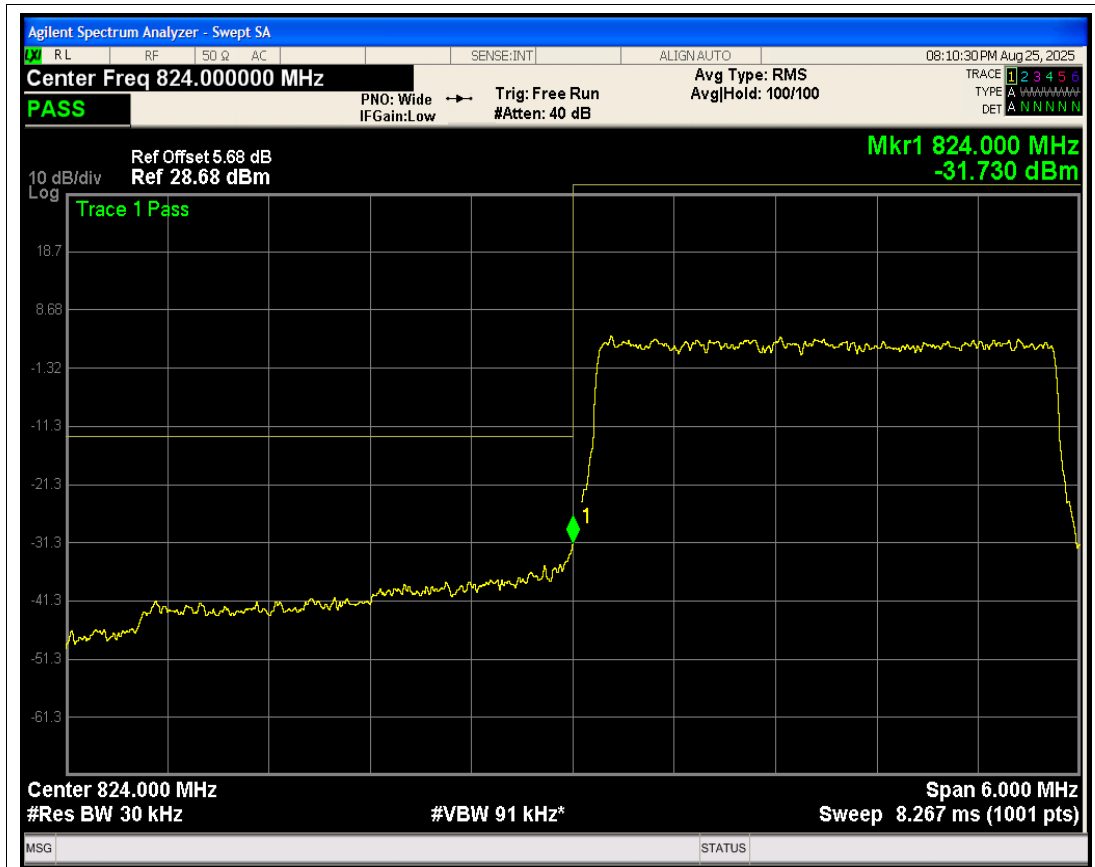
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



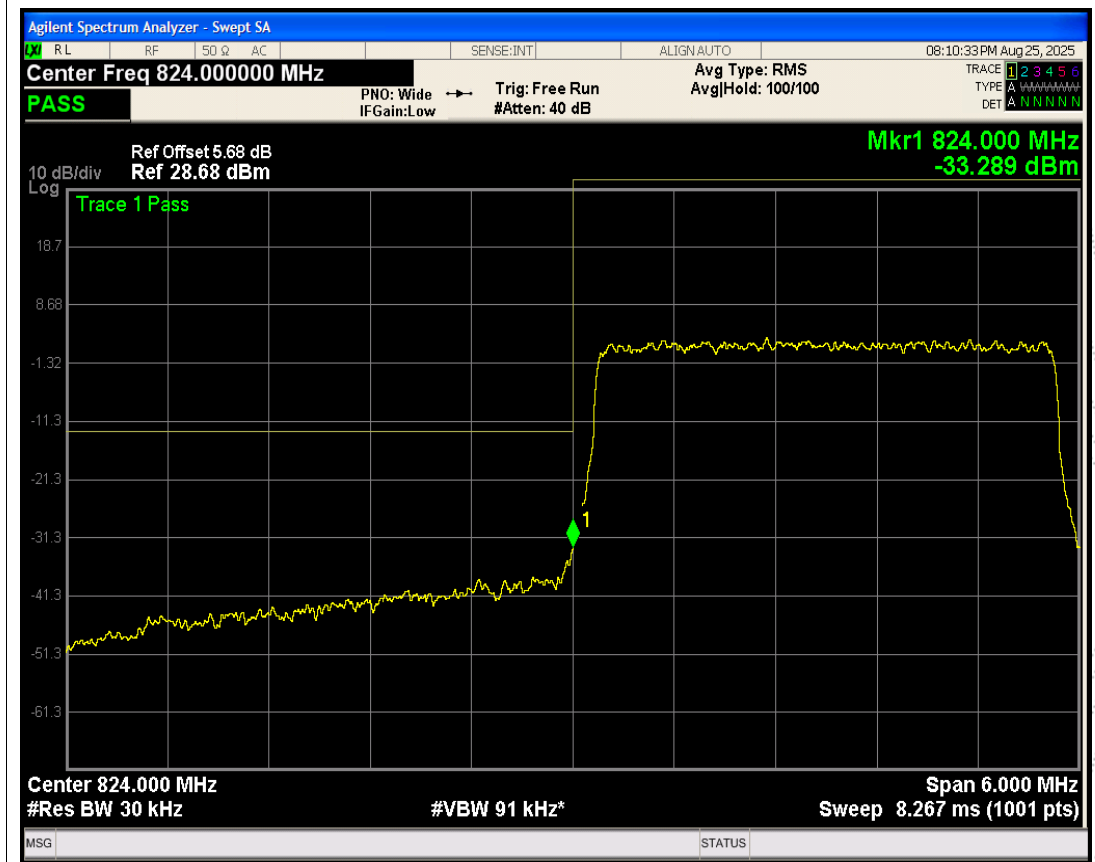
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



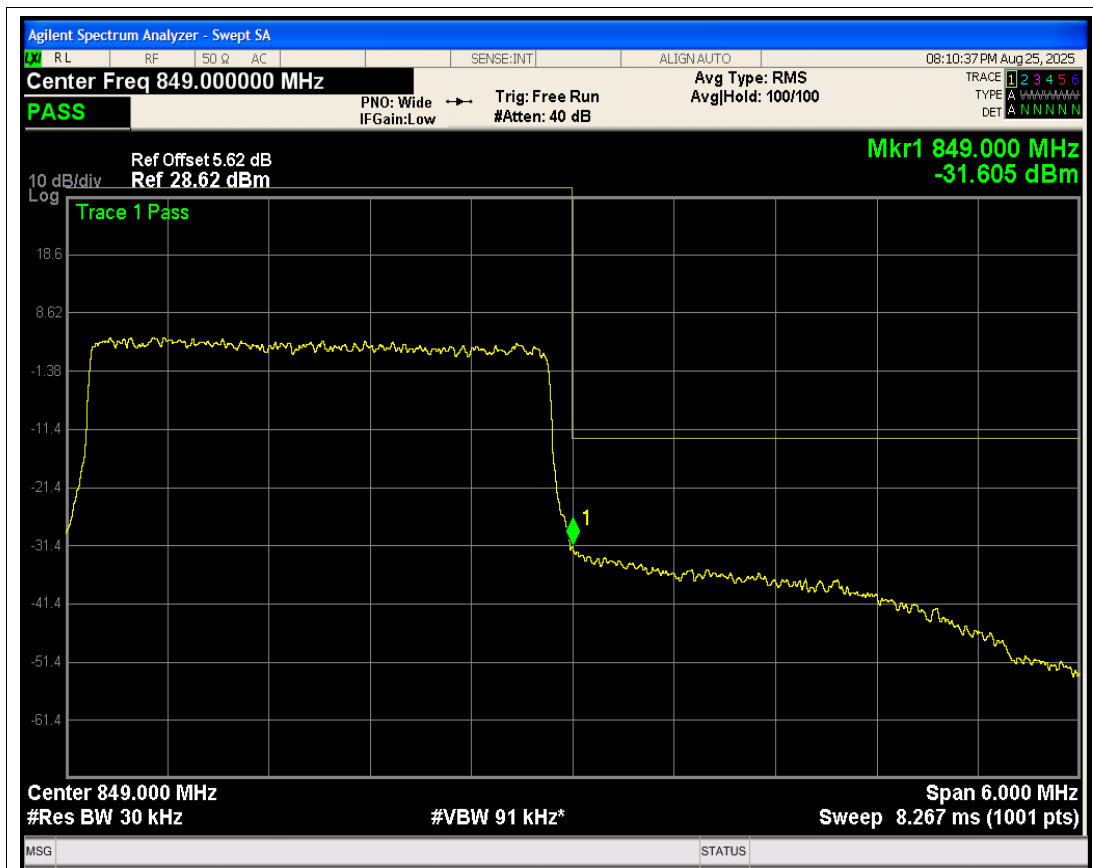
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



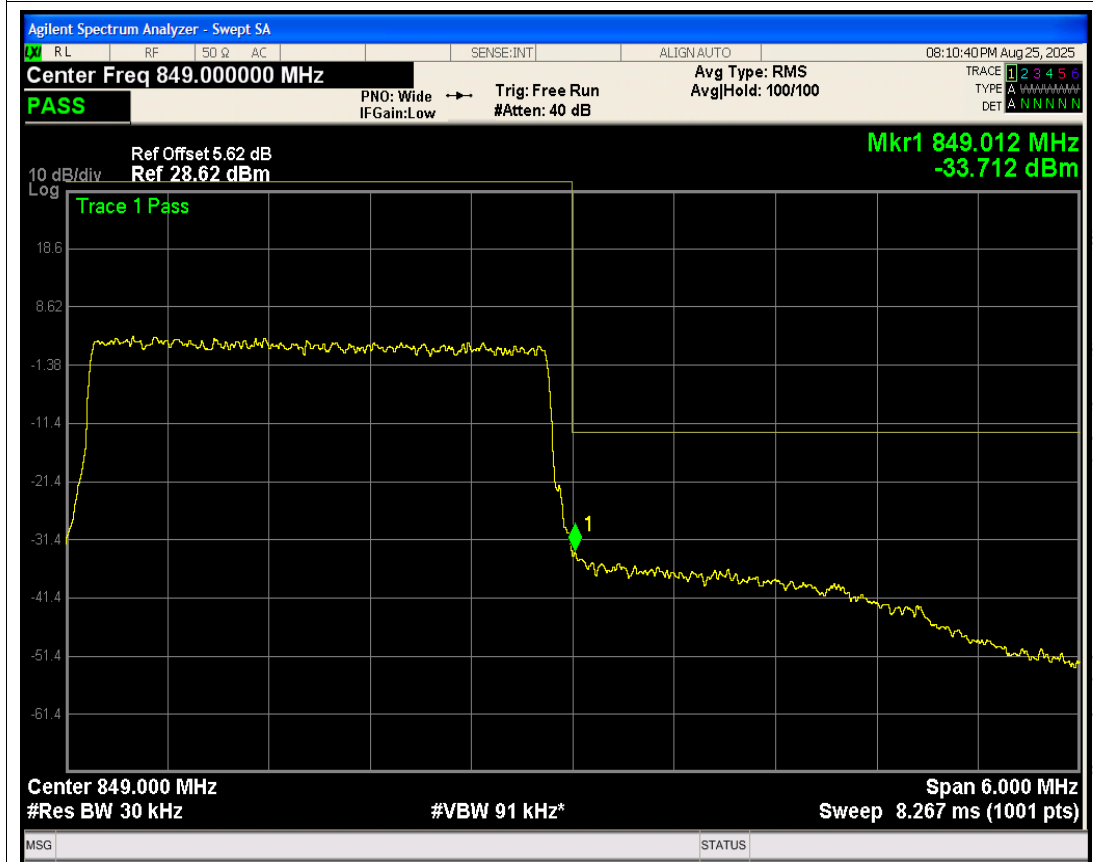
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



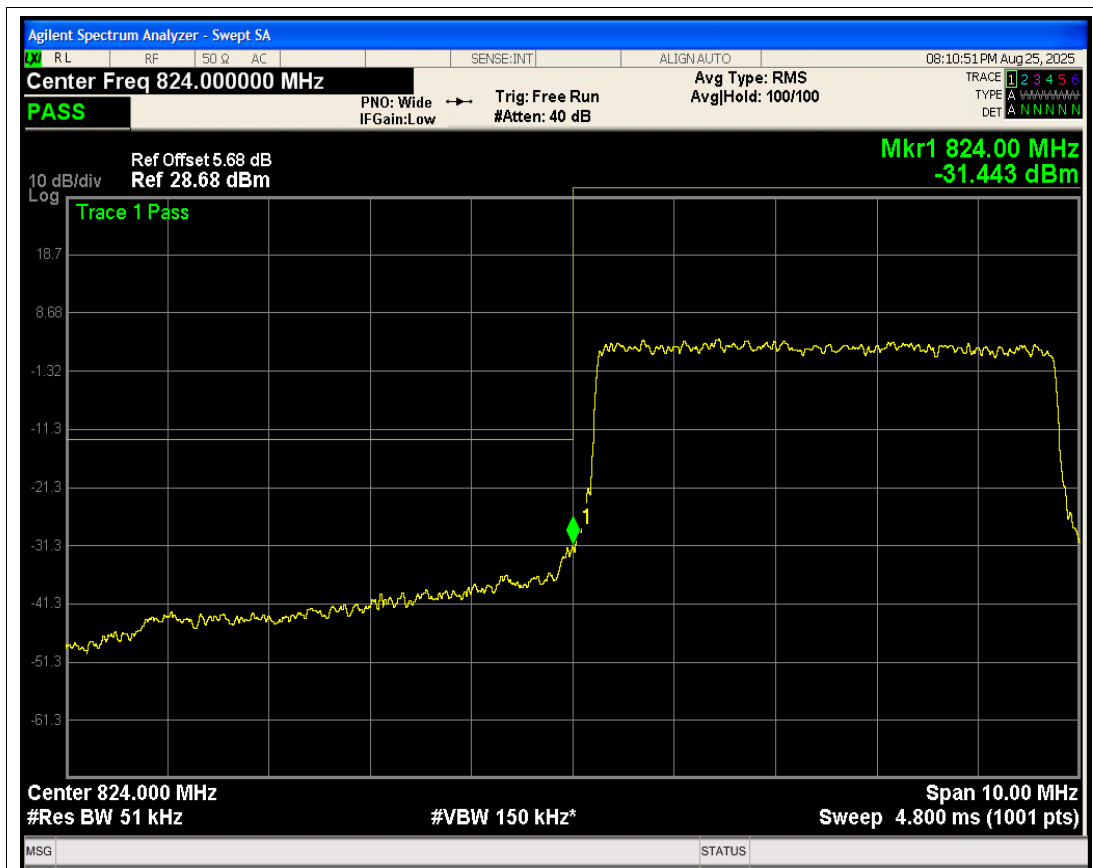
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



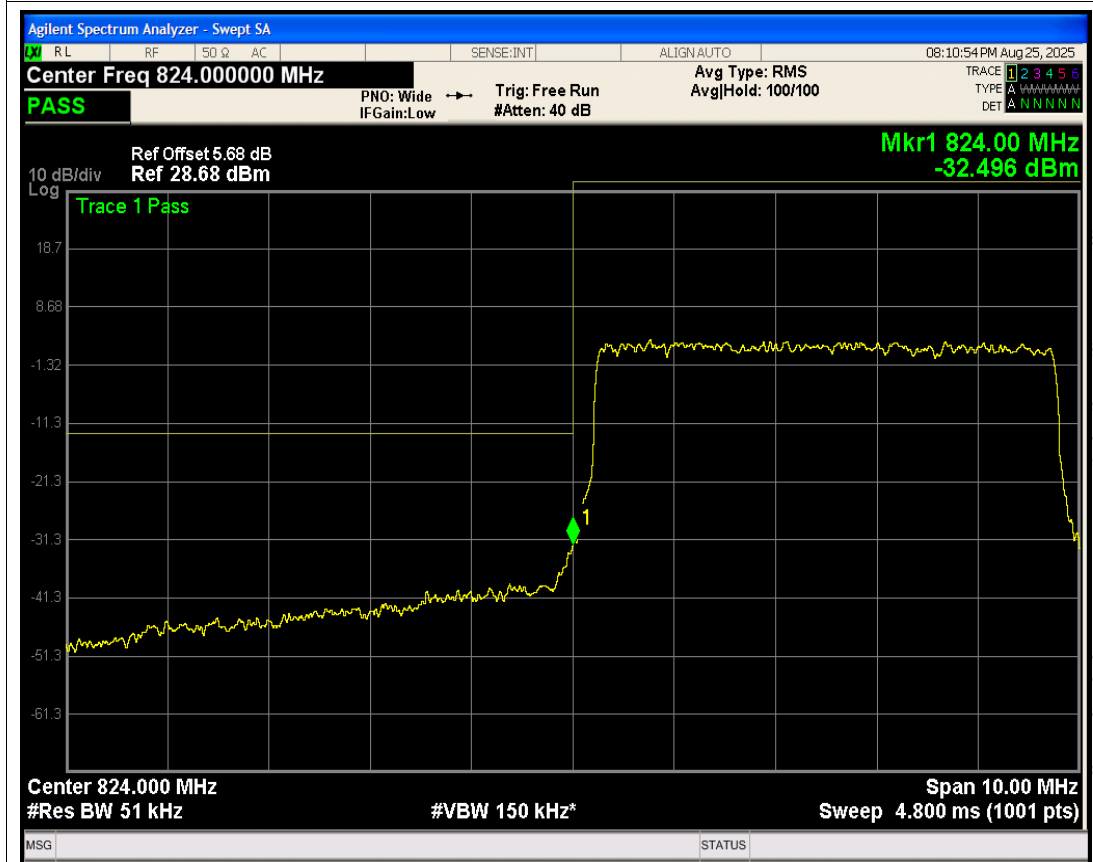
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



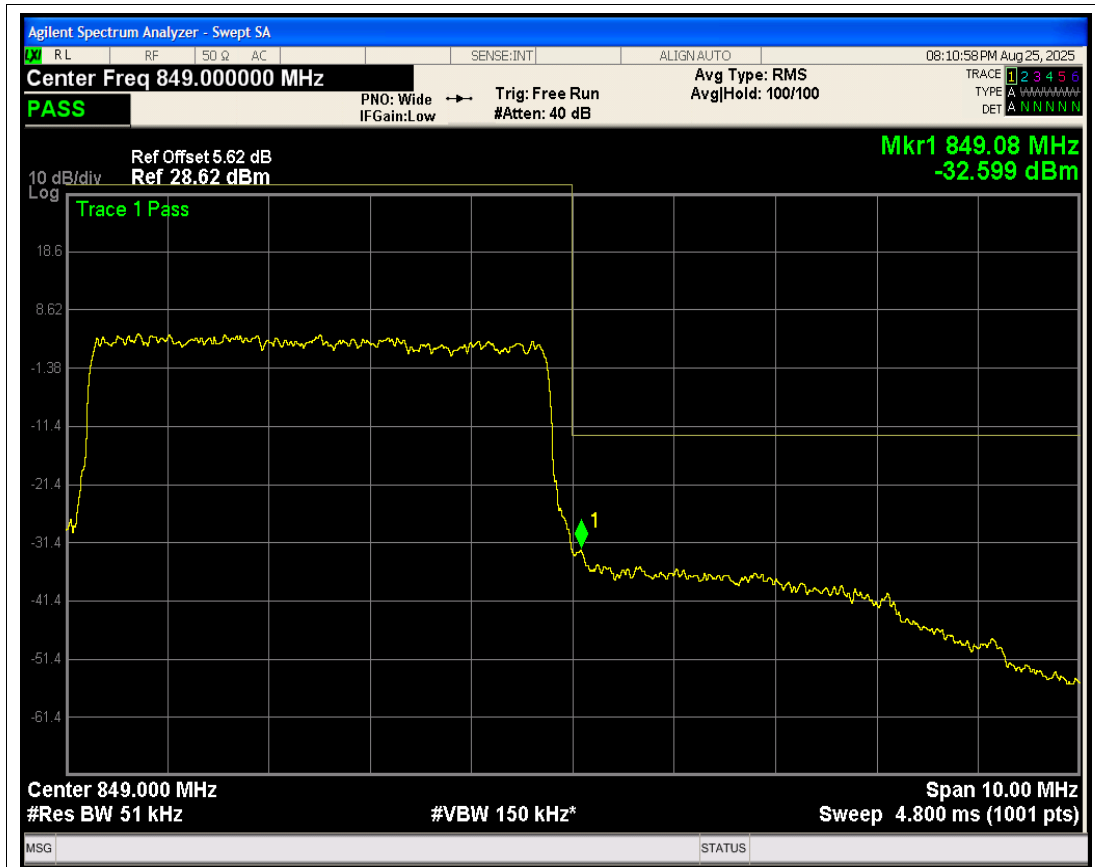
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



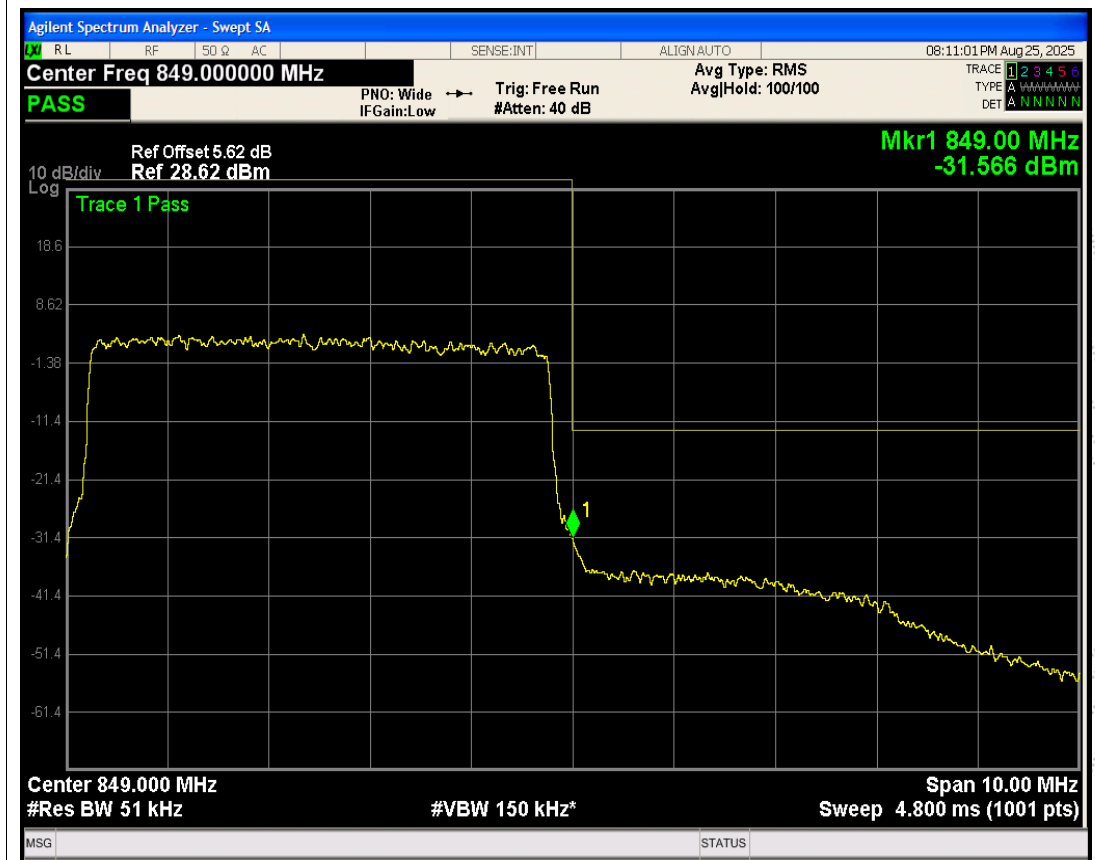
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



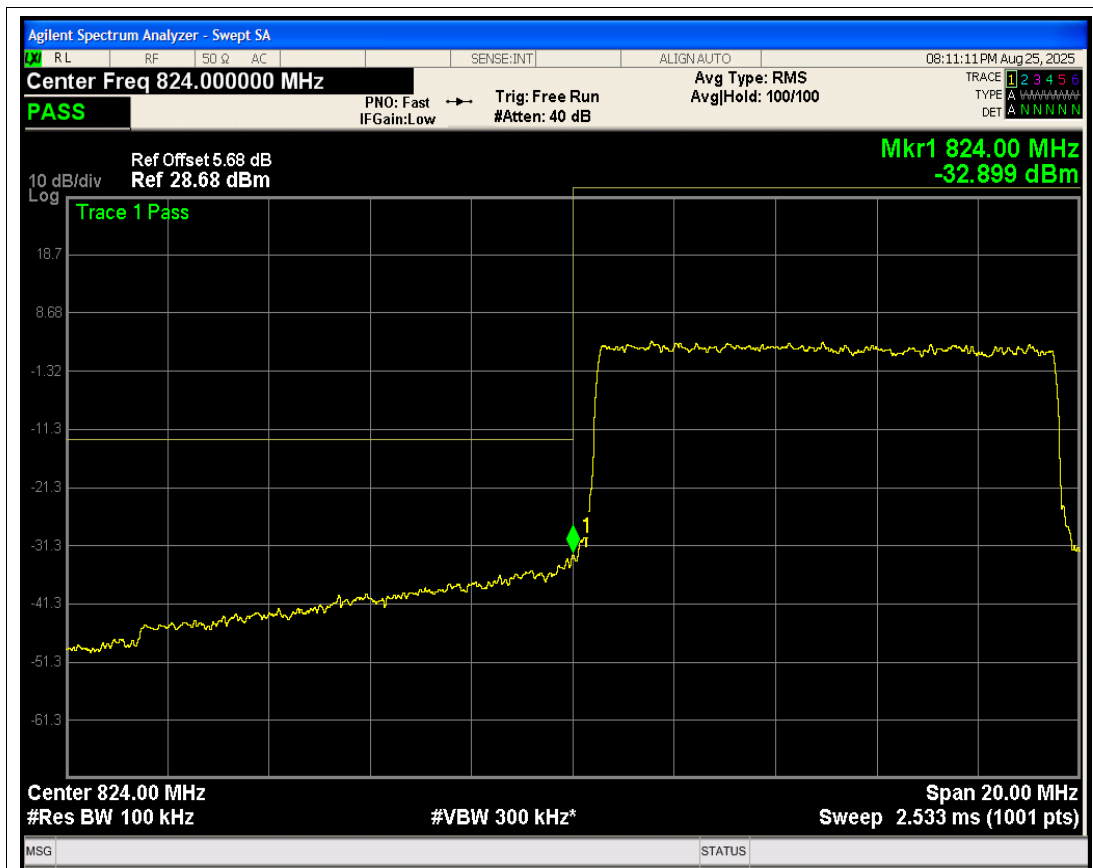
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



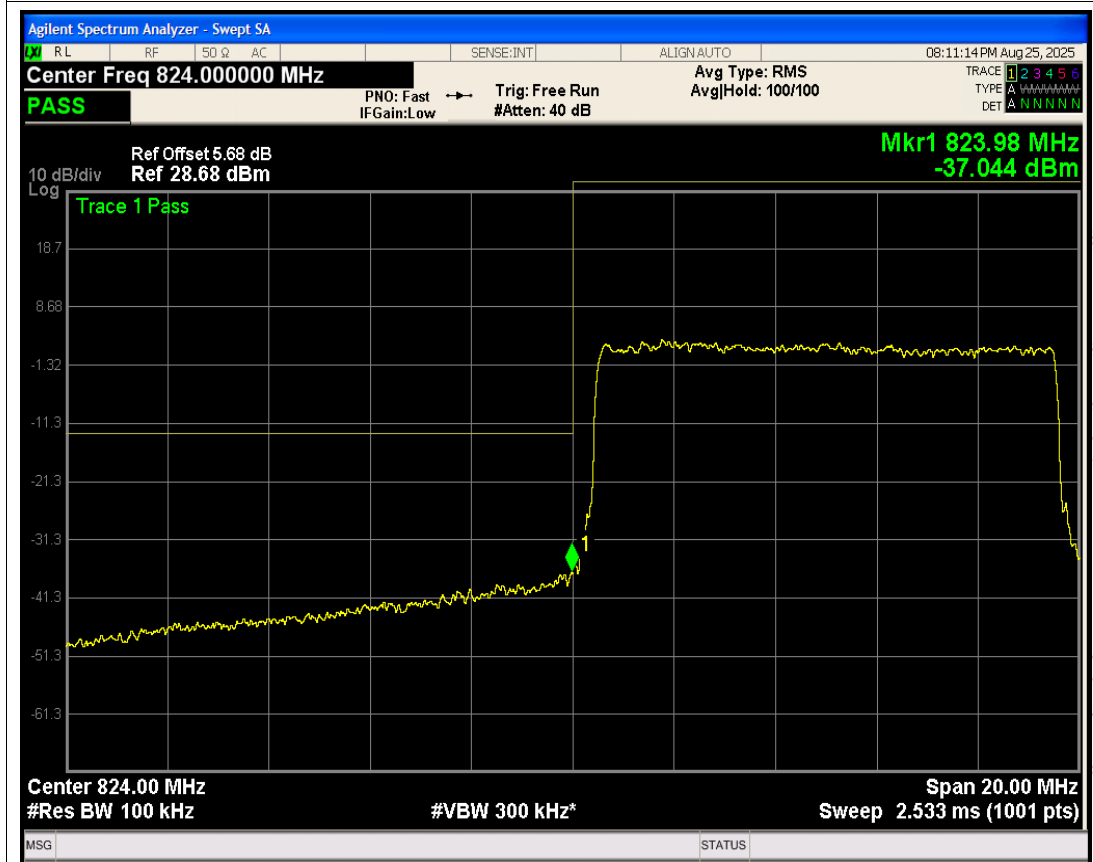
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



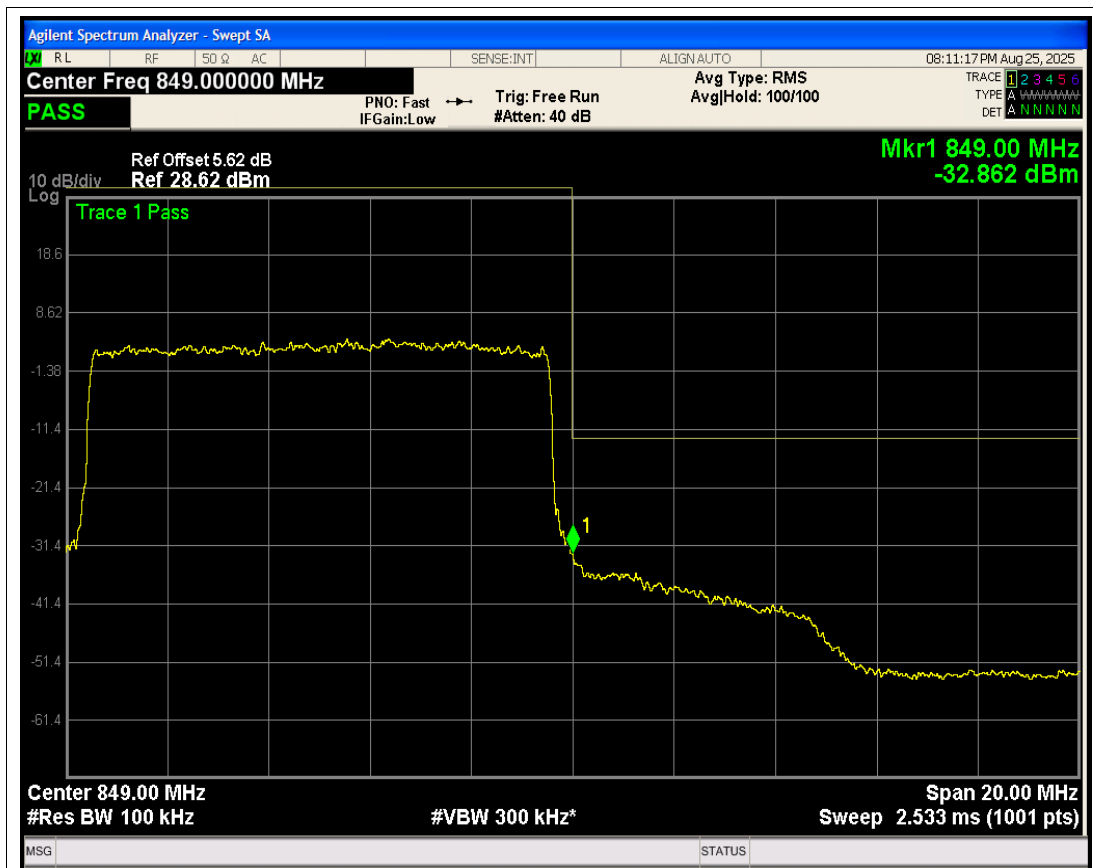
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



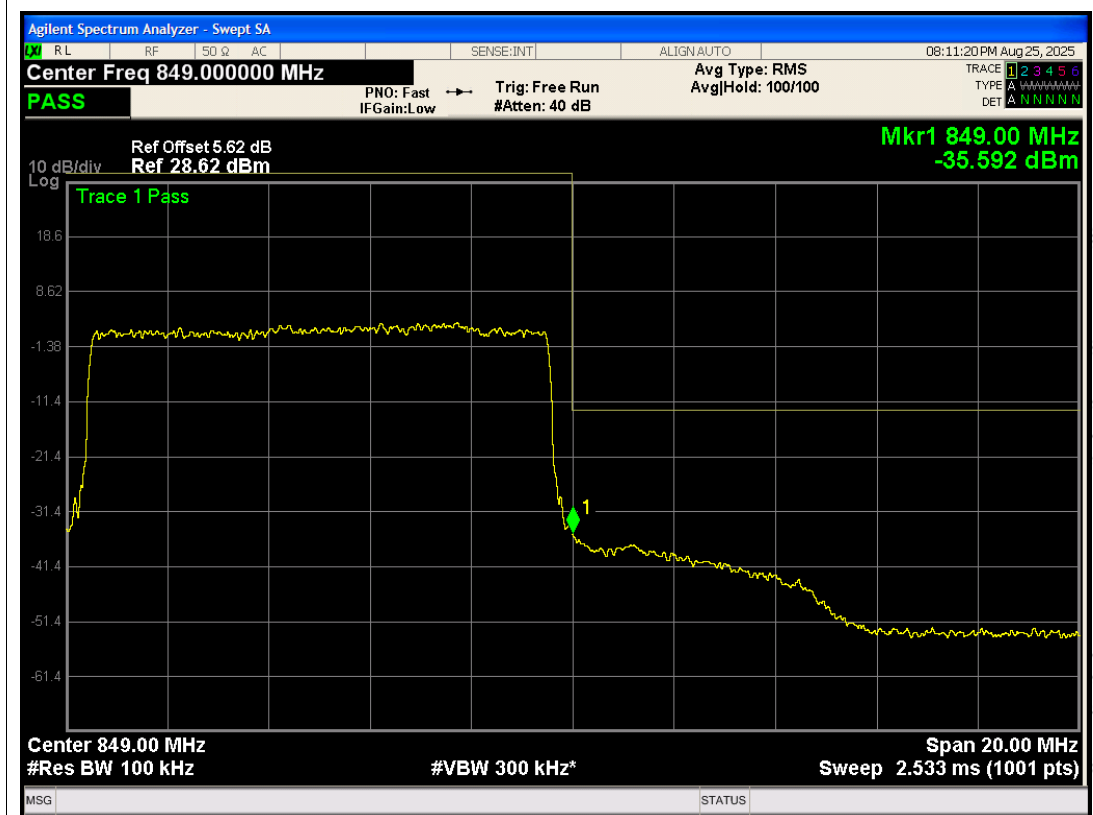
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



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



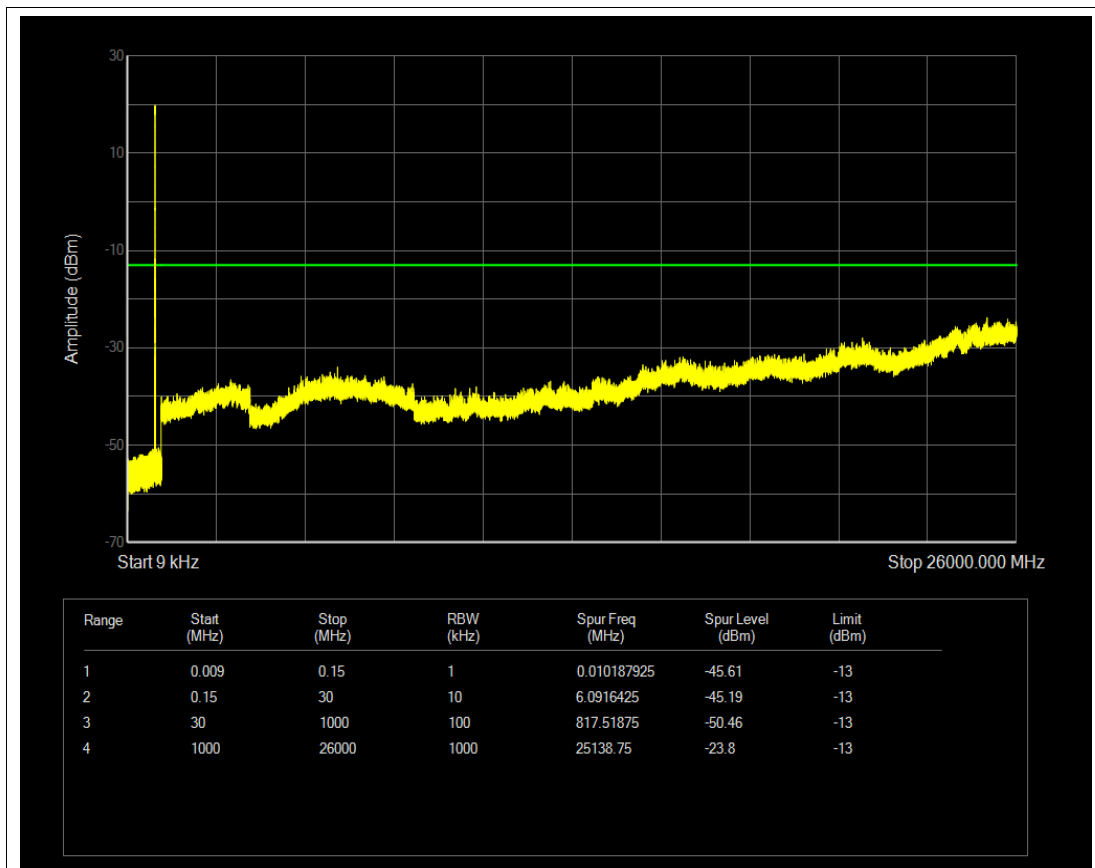
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



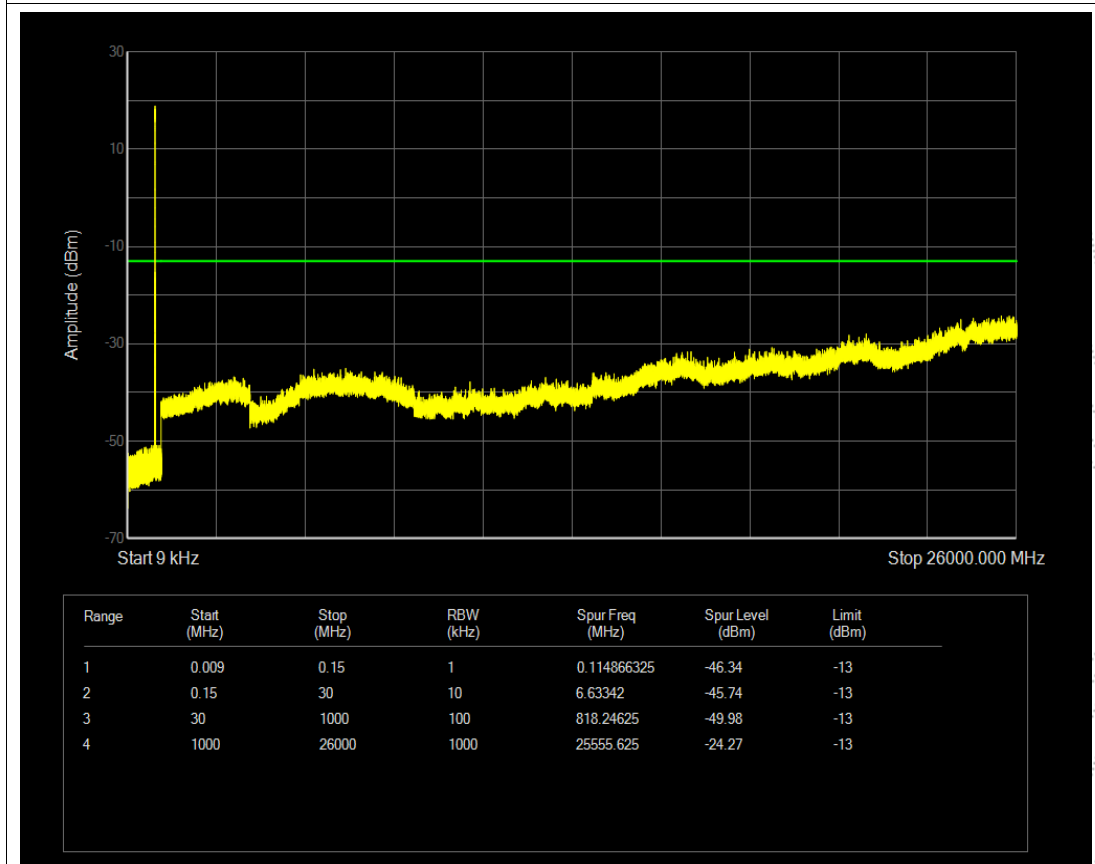
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0

Appendix 6.Out-of-band emissions

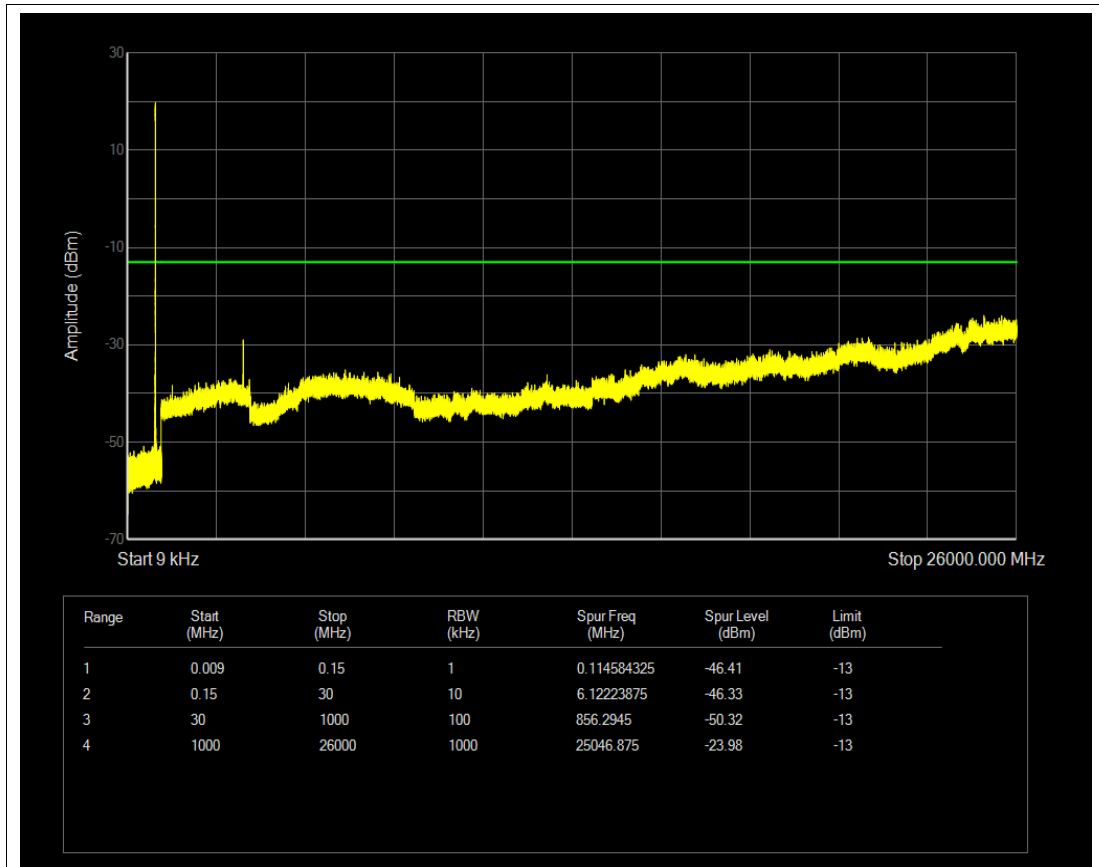
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	25138.75	-23.80	-13	PASS
Band5	1.4	20407	6	#0	16QAM	25555.63	-24.27	-13	PASS
Band5	1.4	20525	6	#0	QPSK	25046.88	-23.98	-13	PASS
Band5	1.4	20525	6	#0	16QAM	25893.75	-24.15	-13	PASS
Band5	1.4	20643	6	#0	QPSK	25555.63	-23.35	-13	PASS
Band5	1.4	20643	6	#0	16QAM	25845.63	-23.76	-13	PASS
Band5	3	20415	15	#0	QPSK	25808.75	-23.81	-13	PASS
Band5	3	20415	15	#0	16QAM	25773.13	-23.03	-13	PASS
Band5	3	20525	15	#0	QPSK	24709.38	-24.10	-13	PASS
Band5	3	20525	15	#0	16QAM	24728.75	-23.48	-13	PASS
Band5	3	20635	15	#0	QPSK	25971.25	-24.38	-13	PASS
Band5	3	20635	15	#0	16QAM	24661.25	-23.67	-13	PASS
Band5	5	20425	25	#0	QPSK	25457.50	-23.63	-13	PASS
Band5	5	20425	25	#0	16QAM	25941.88	-23.61	-13	PASS
Band5	5	20525	25	#0	QPSK	25551.25	-23.05	-13	PASS
Band5	5	20525	25	#0	16QAM	25113.75	-23.61	-13	PASS
Band5	5	20625	25	#0	QPSK	25267.50	-23.84	-13	PASS
Band5	5	20625	25	#0	16QAM	25846.25	-23.19	-13	PASS
Band5	10	20450	50	#0	QPSK	25757.50	-23.43	-13	PASS
Band5	10	20450	50	#0	16QAM	25792.50	-23.48	-13	PASS
Band5	10	20525	50	#0	QPSK	25106.88	-24.10	-13	PASS
Band5	10	20525	50	#0	16QAM	25118.13	-24.23	-13	PASS
Band5	10	20600	50	#0	QPSK	25552.50	-24.23	-13	PASS
Band5	10	20600	50	#0	16QAM	25171.25	-23.01	-13	PASS



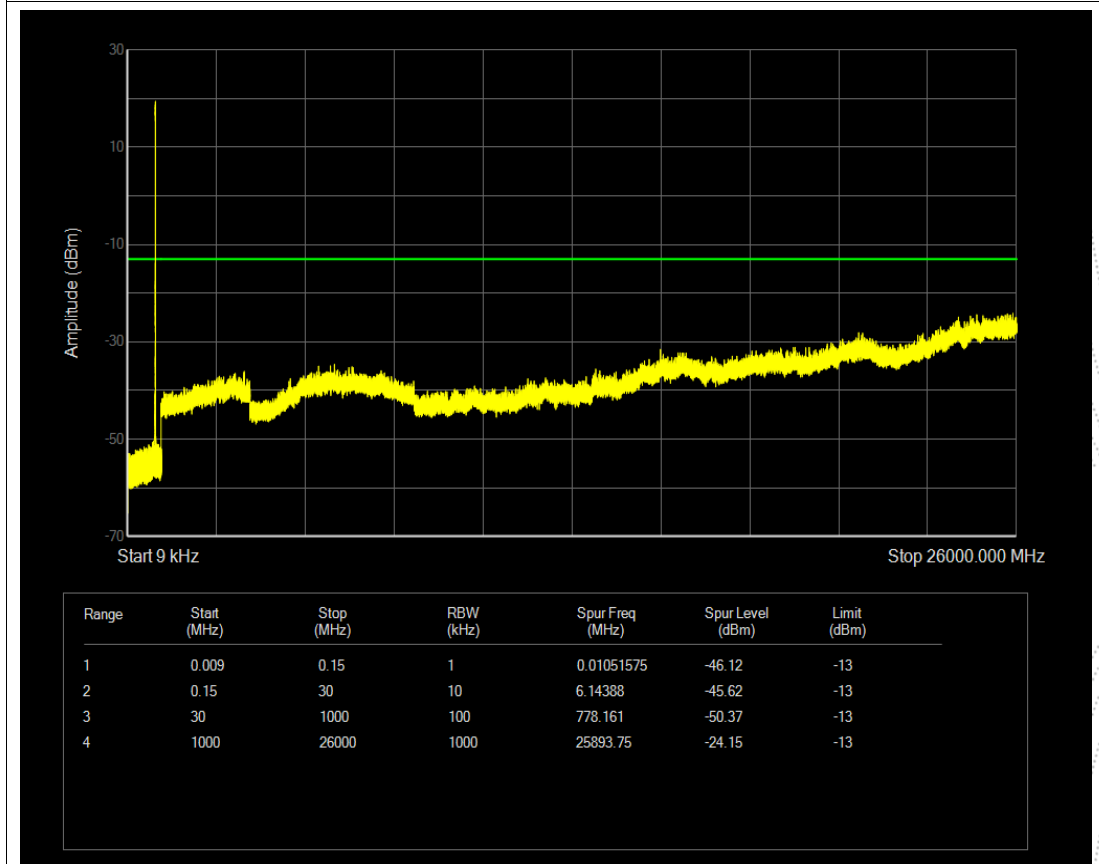
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



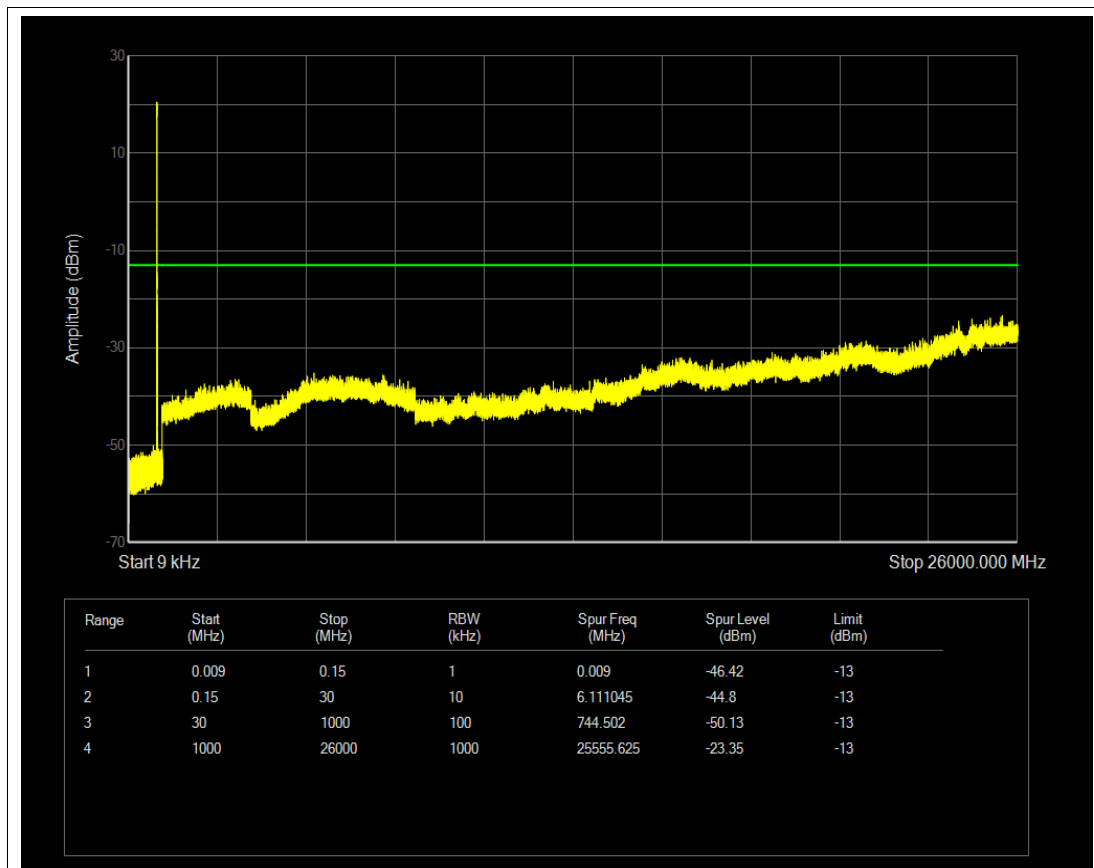
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



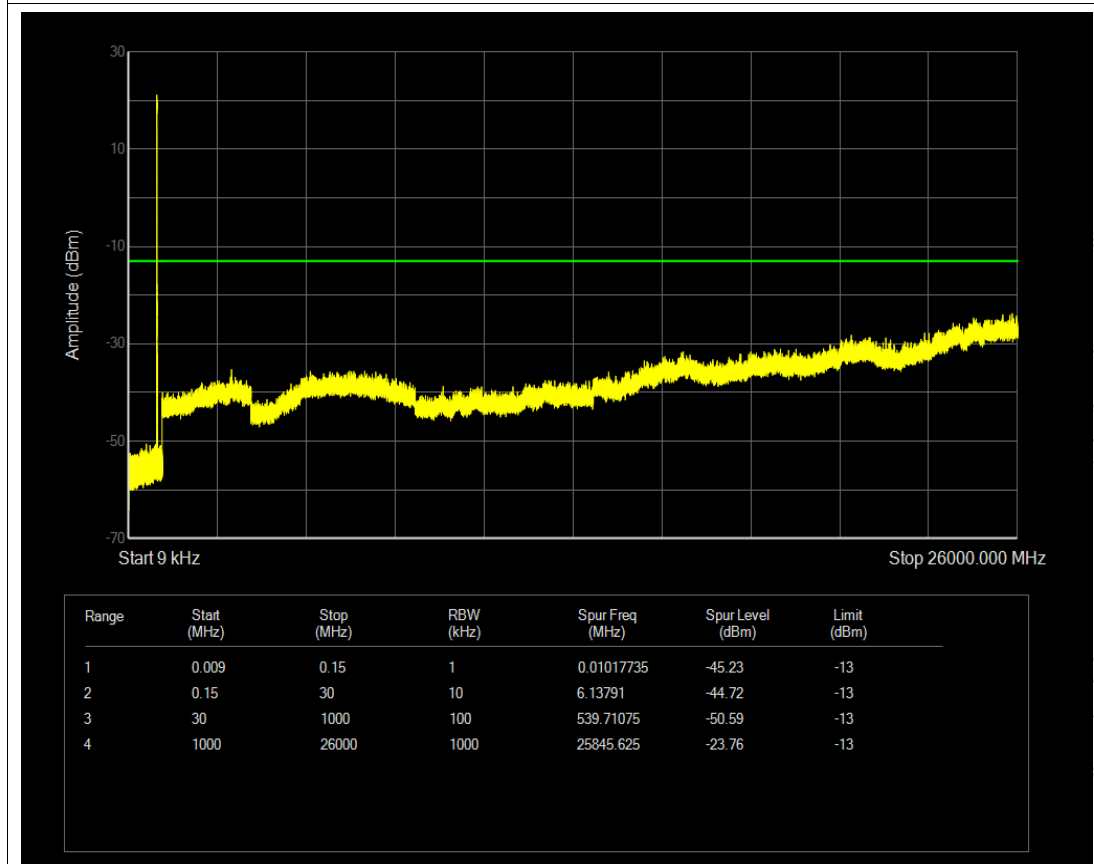
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



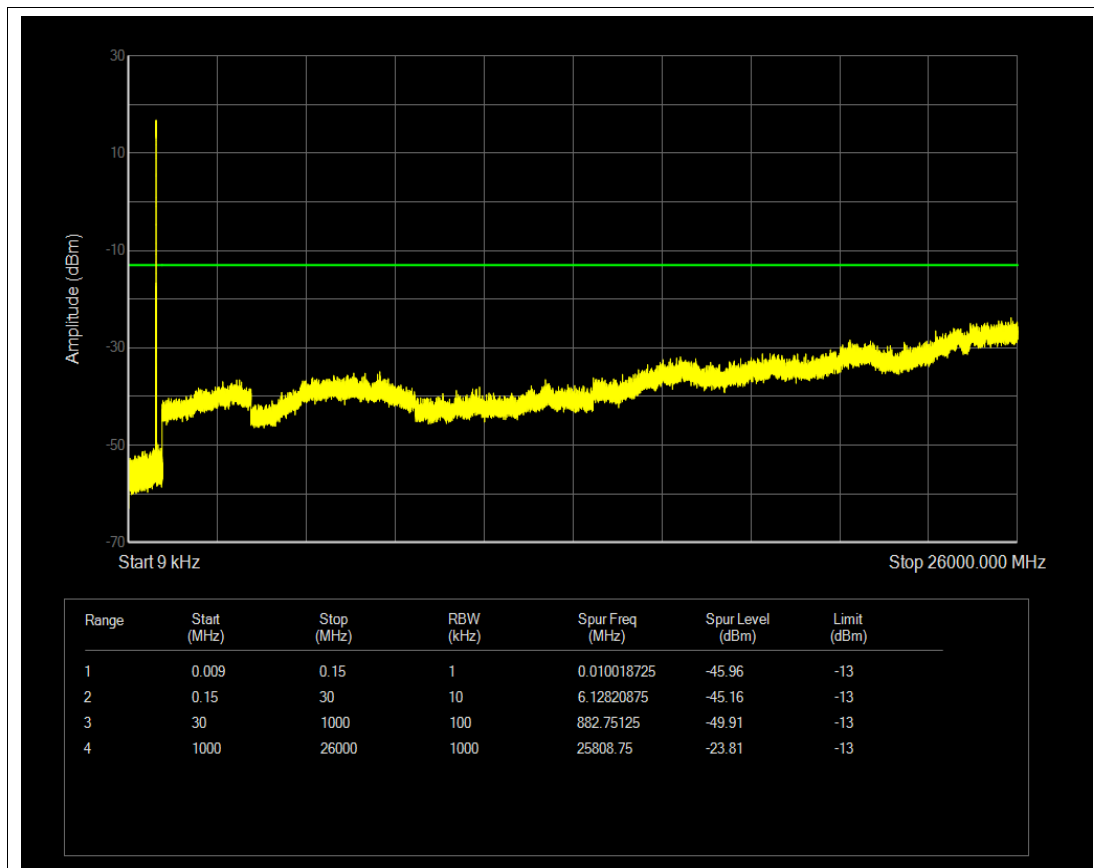
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



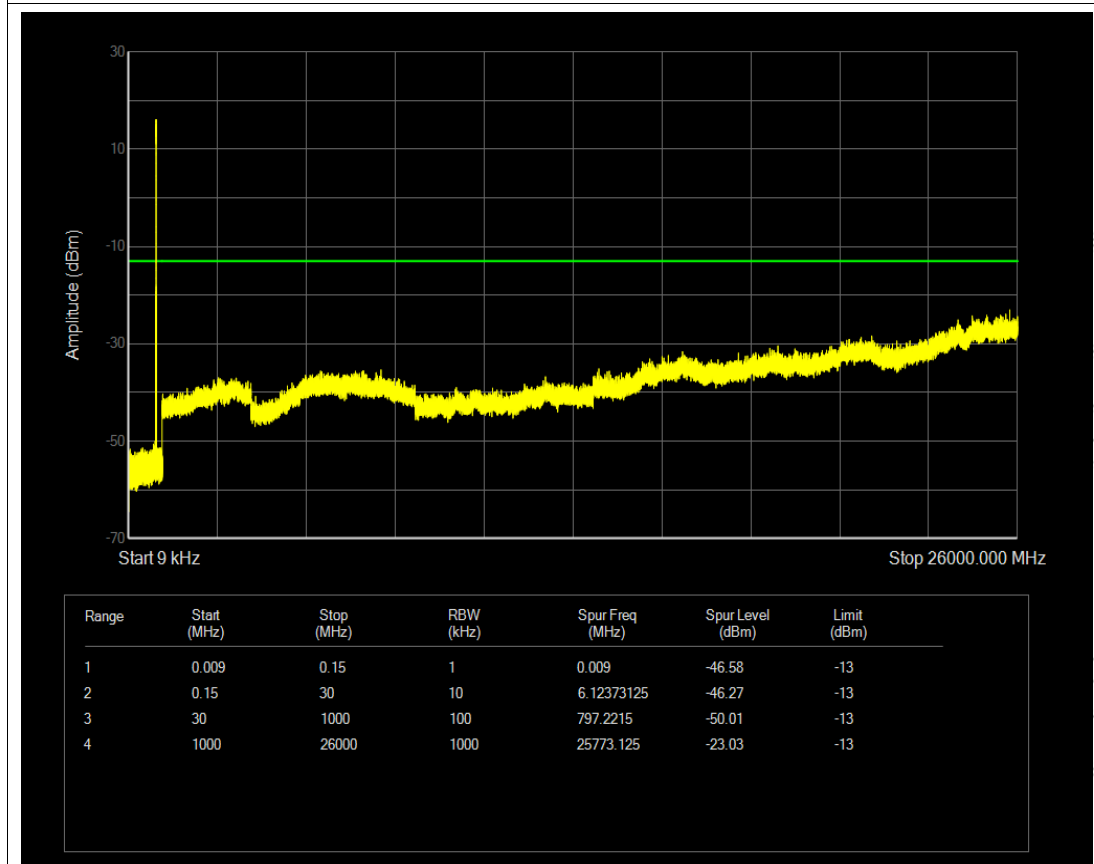
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



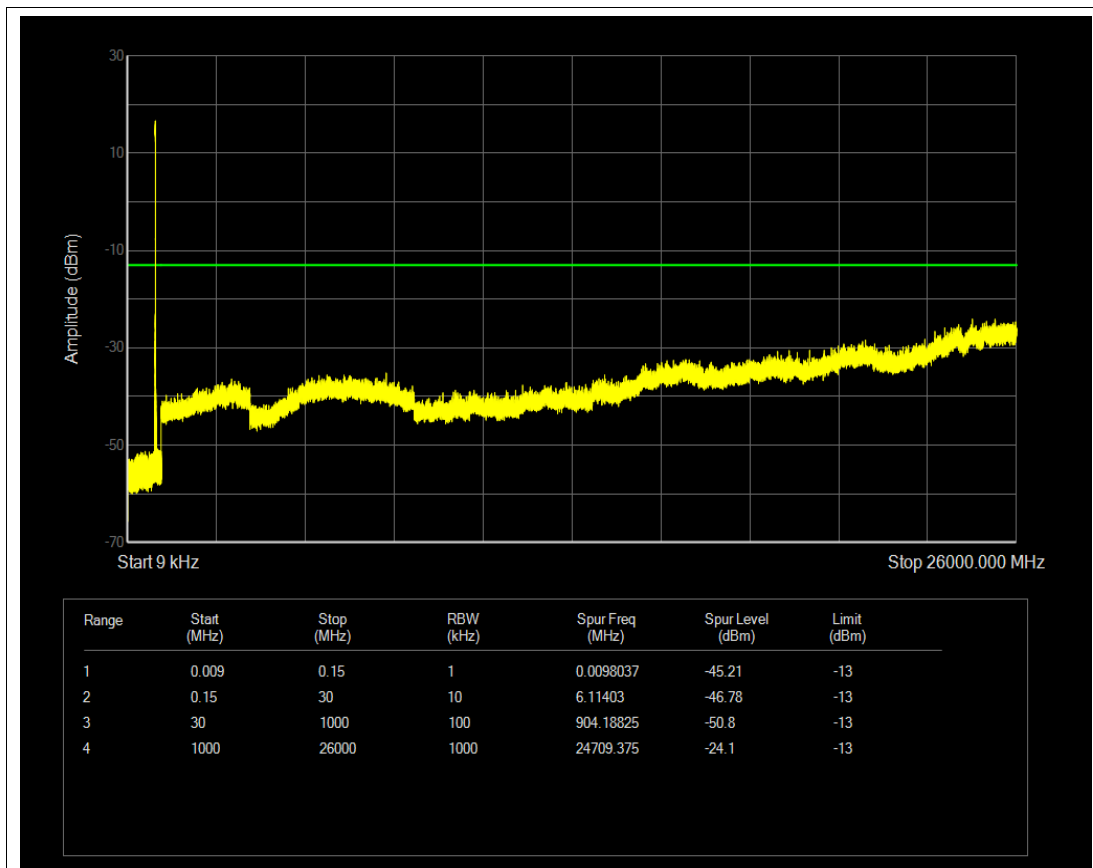
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



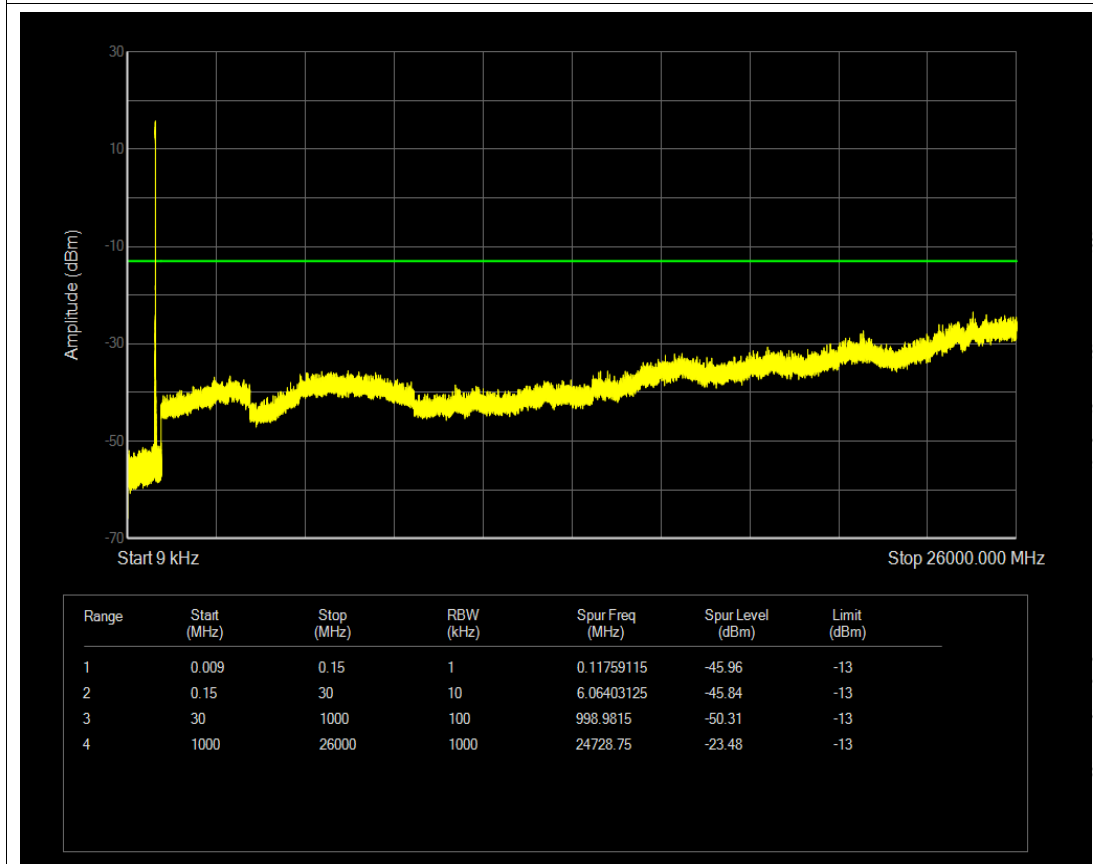
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



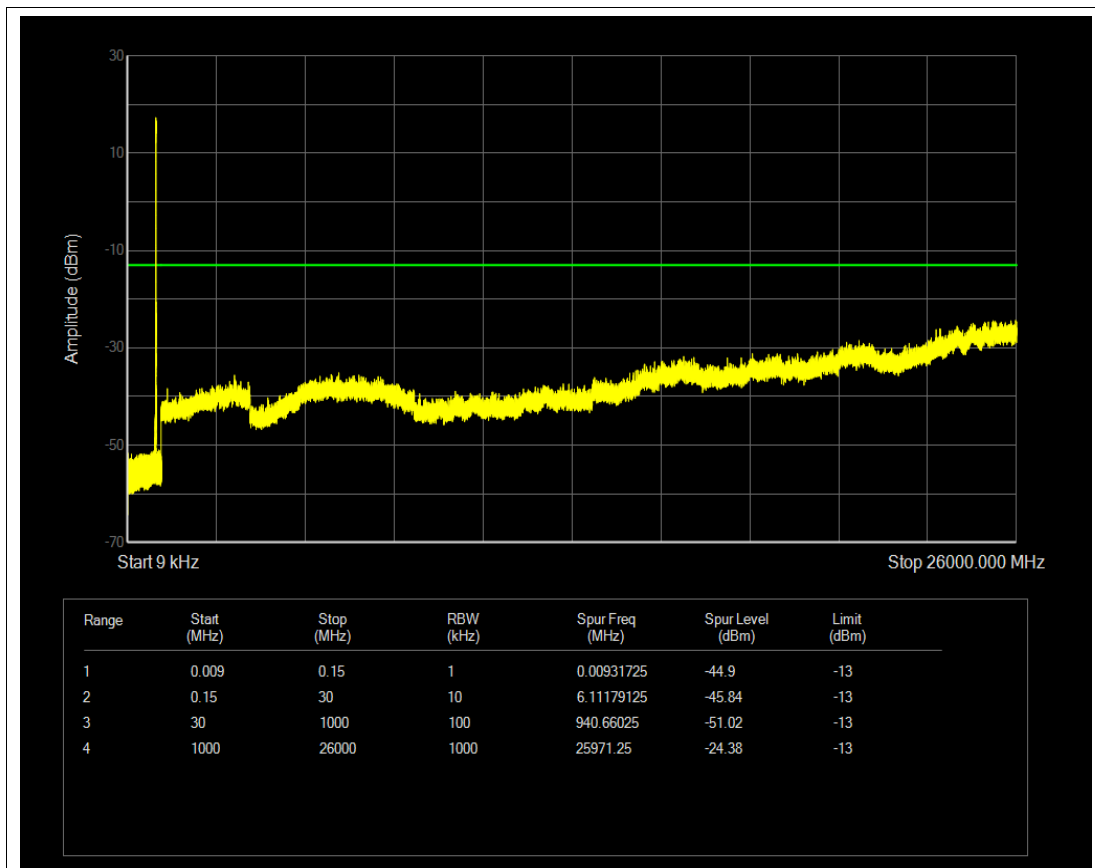
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



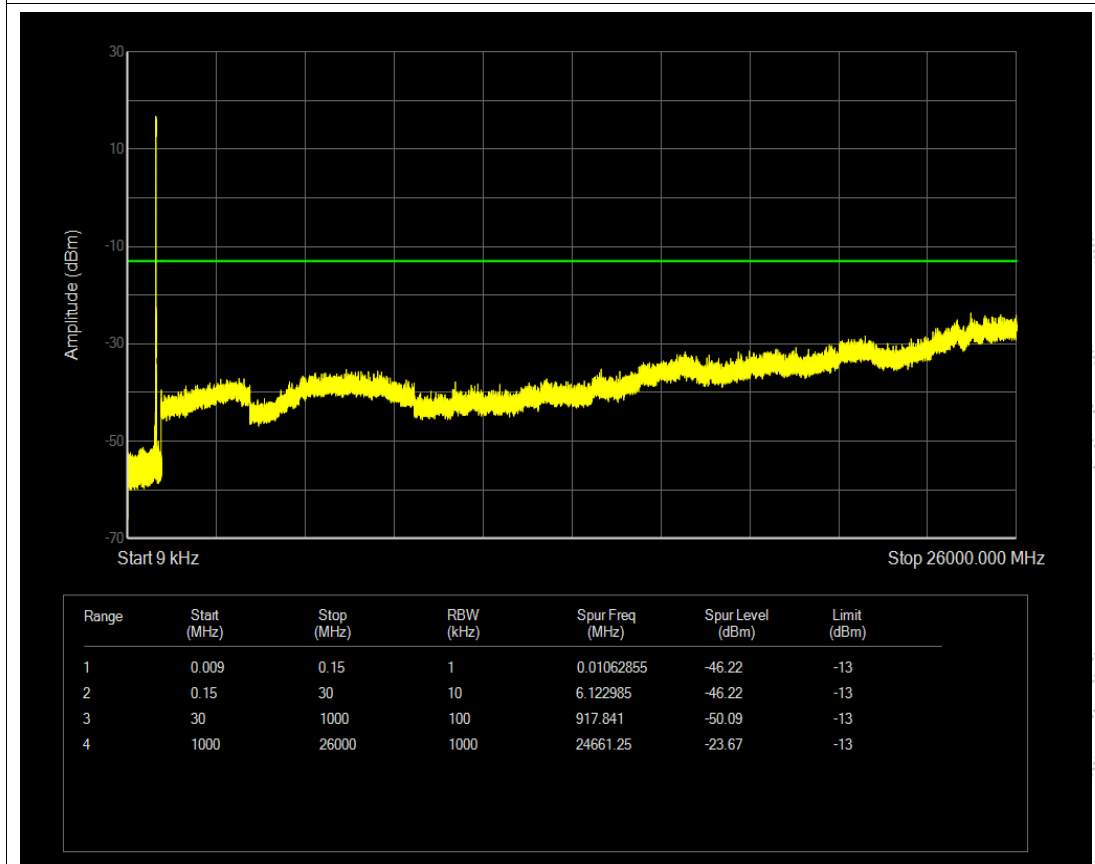
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



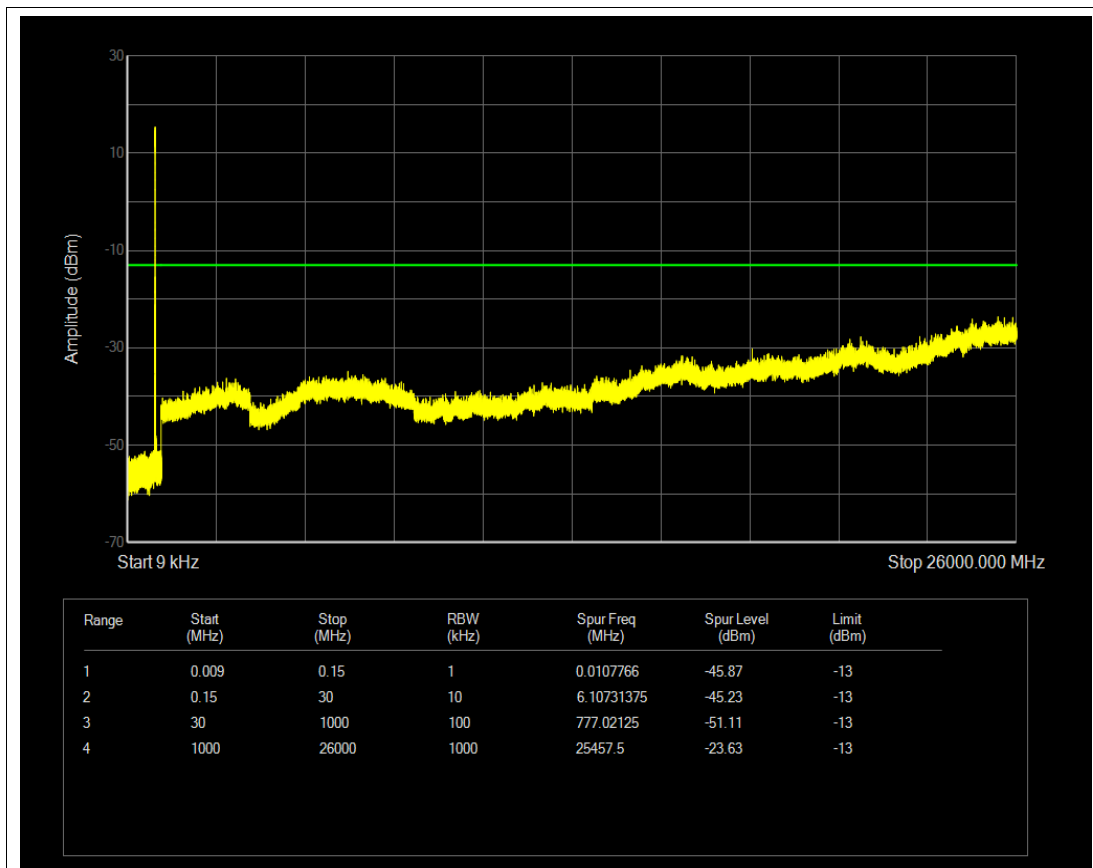
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



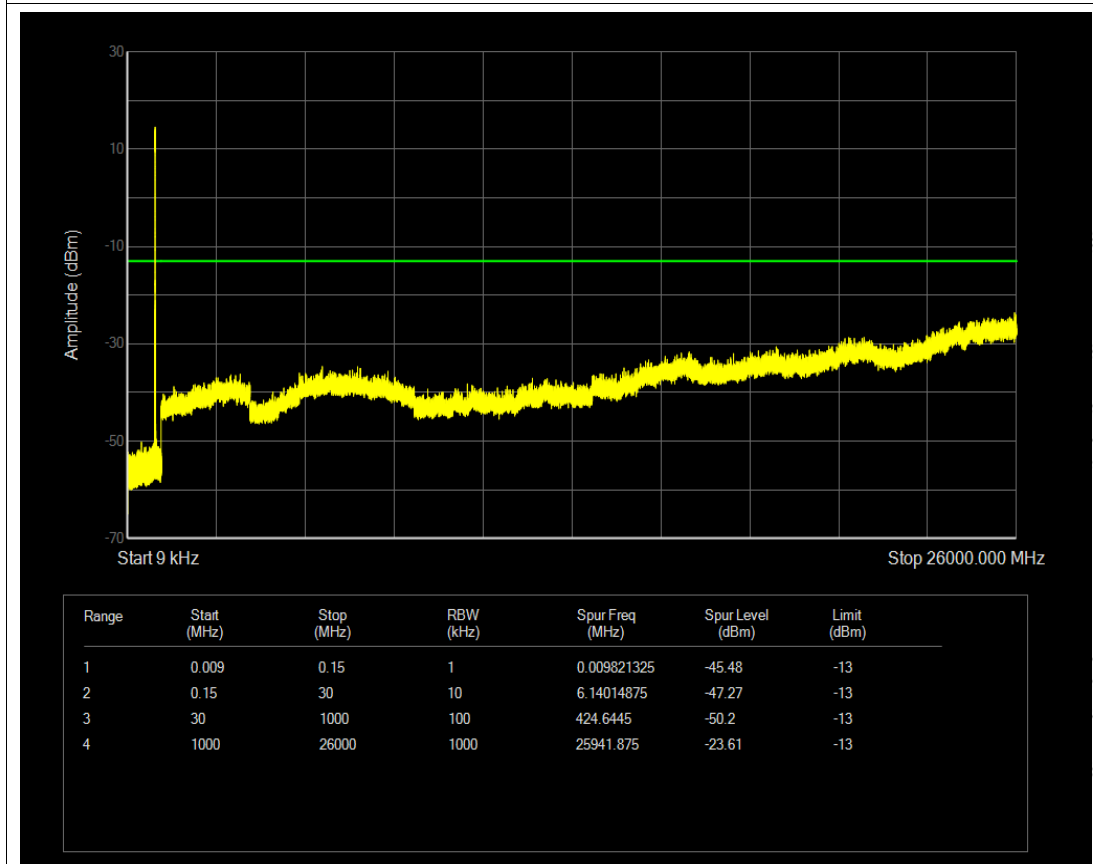
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



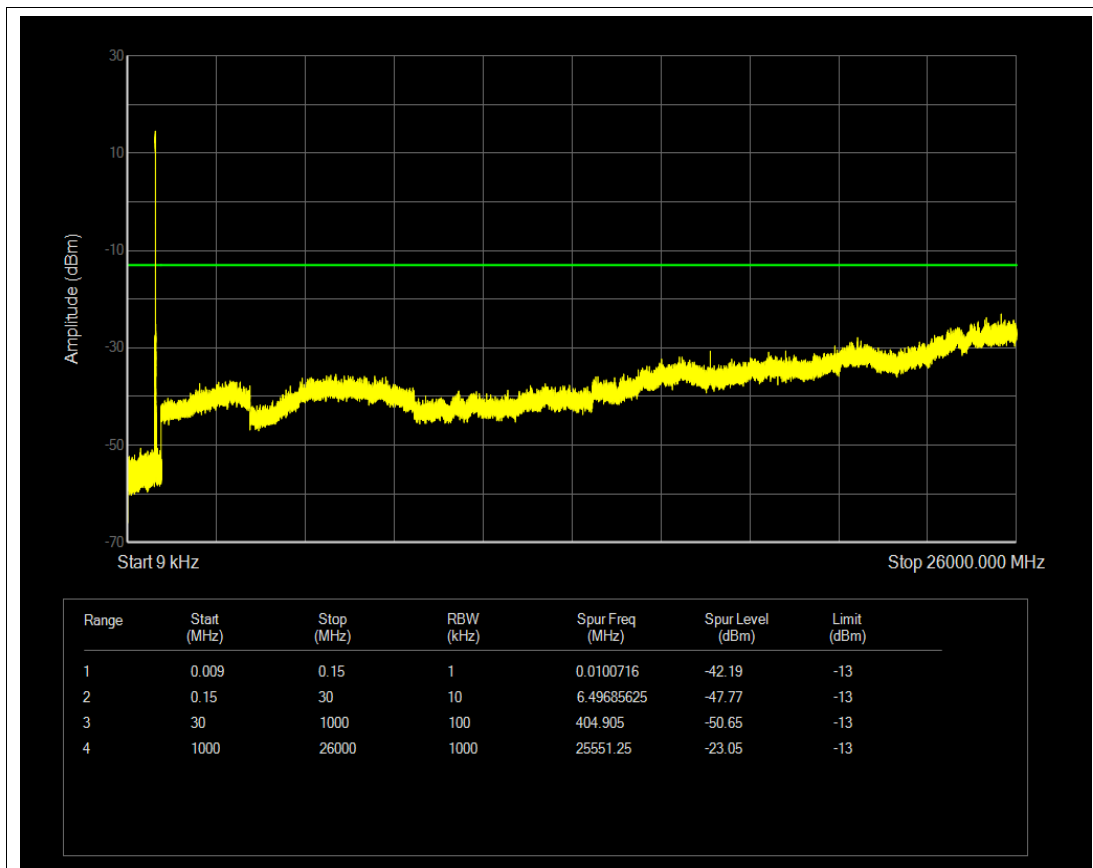
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



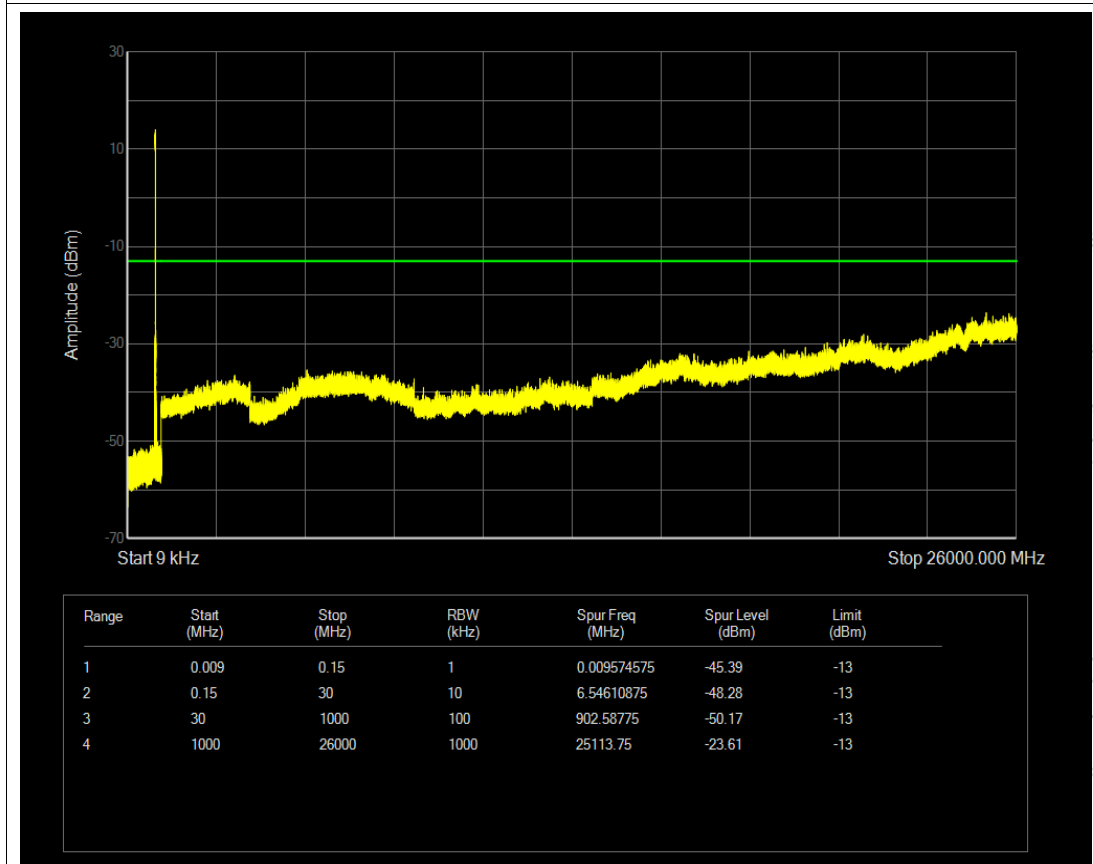
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



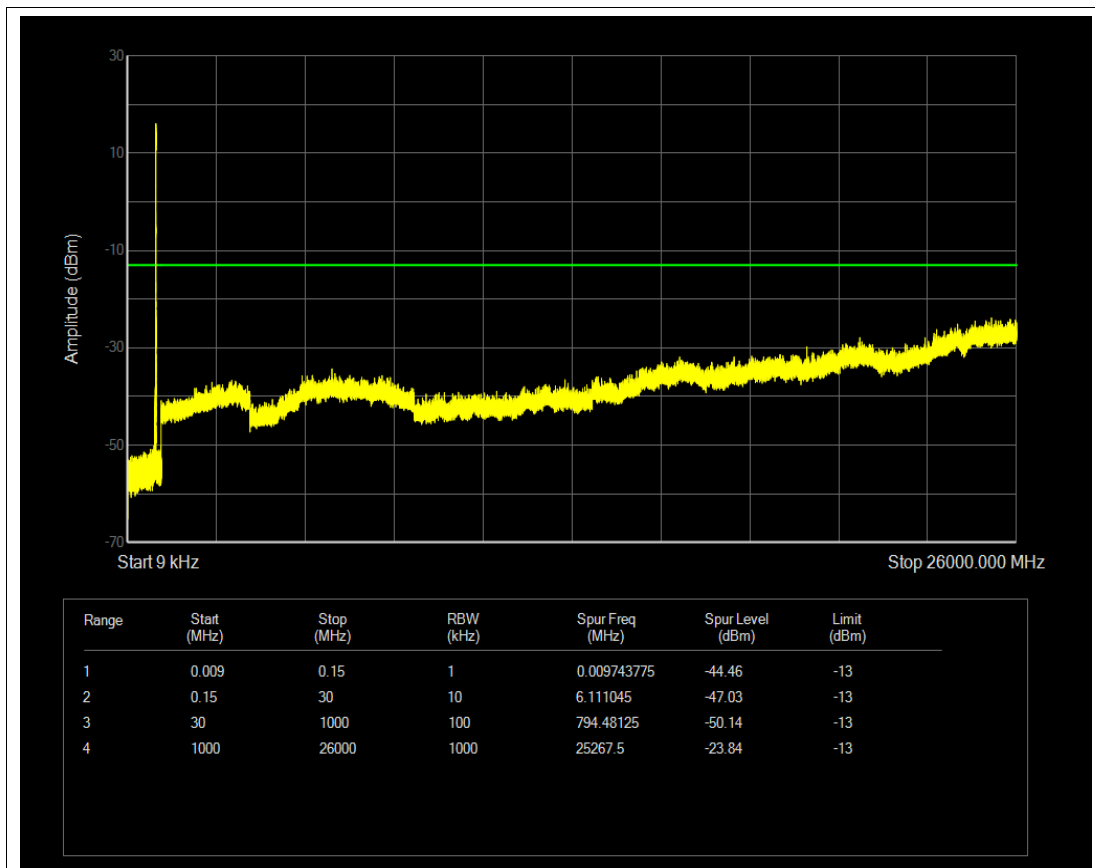
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



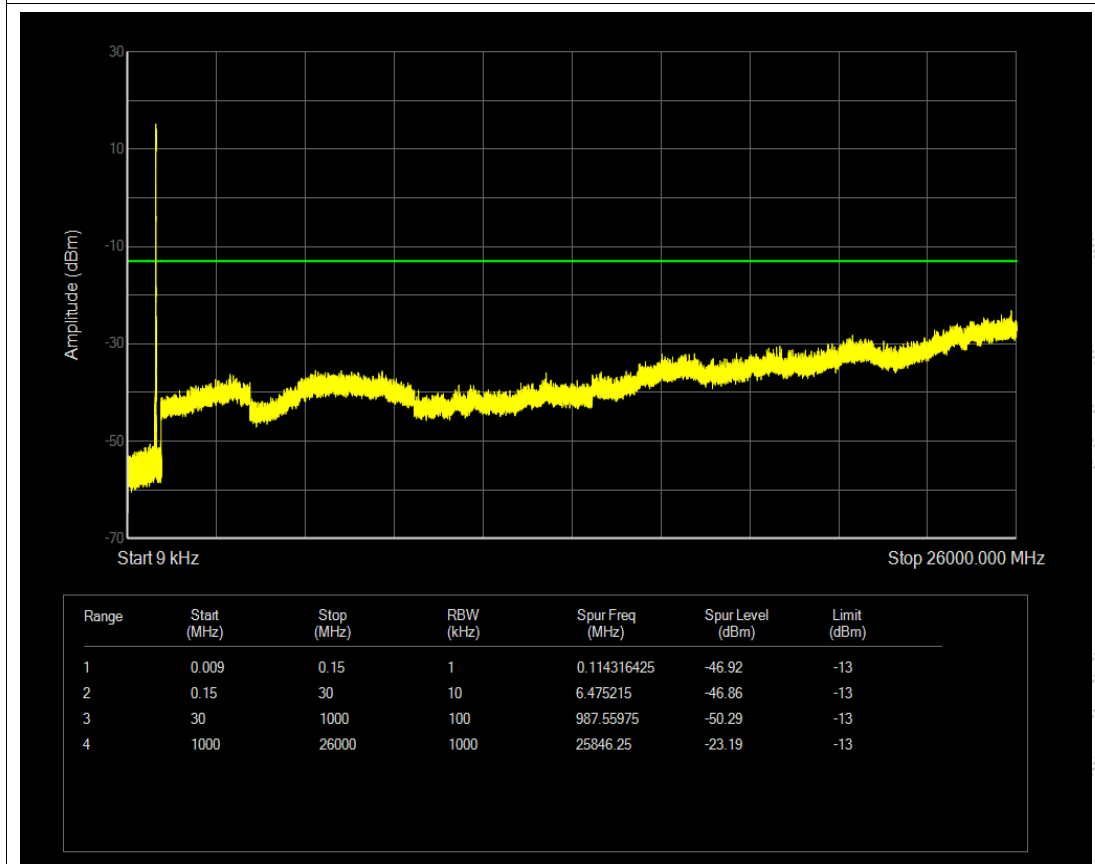
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



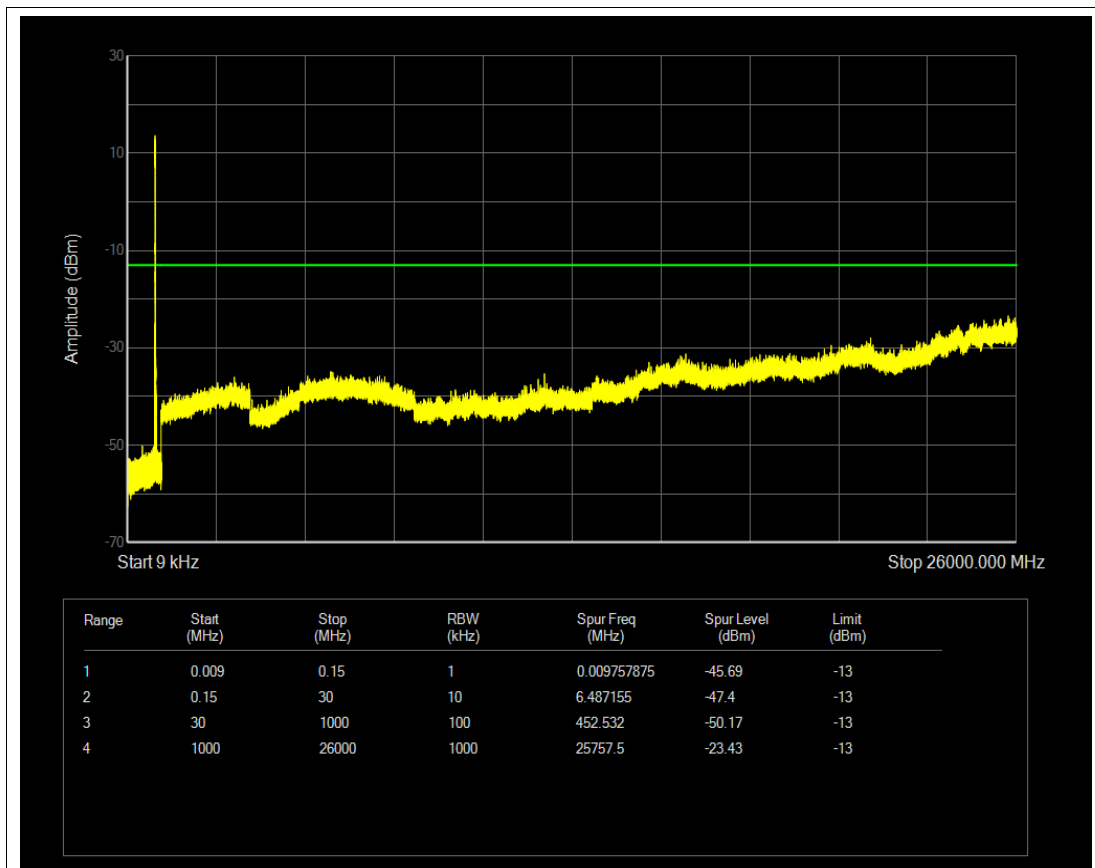
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



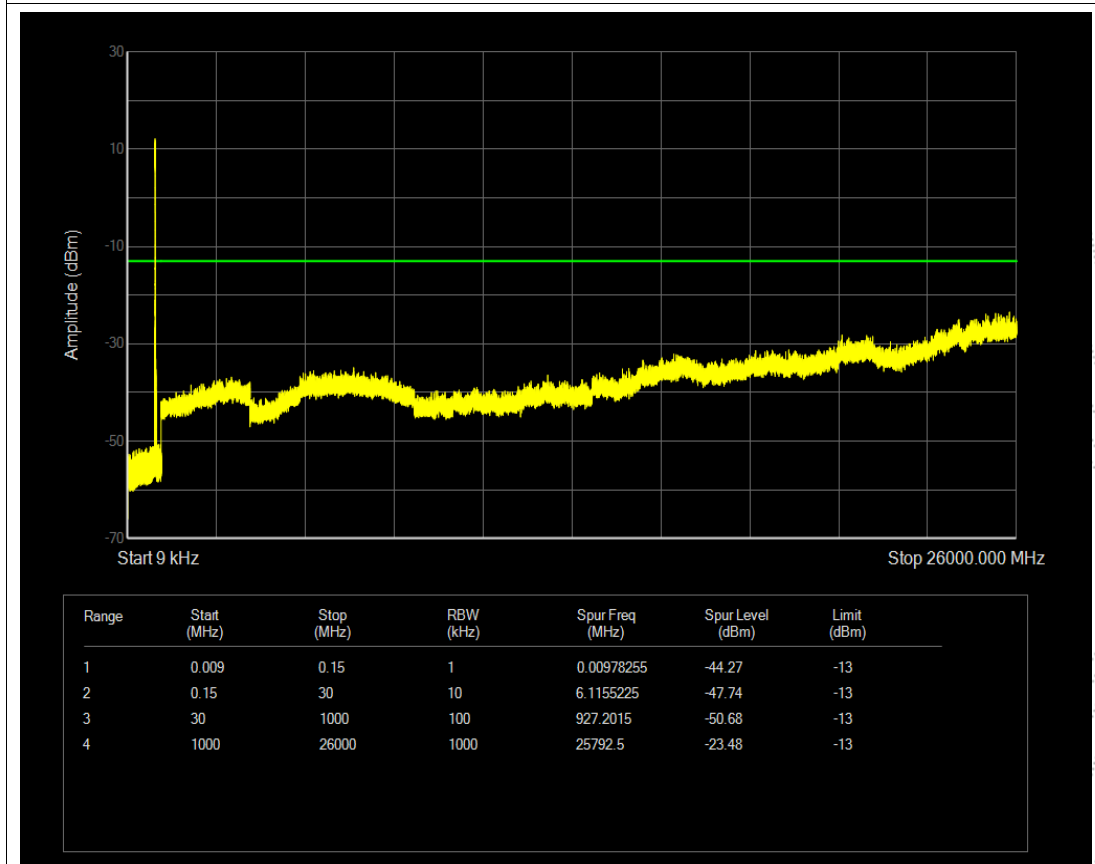
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



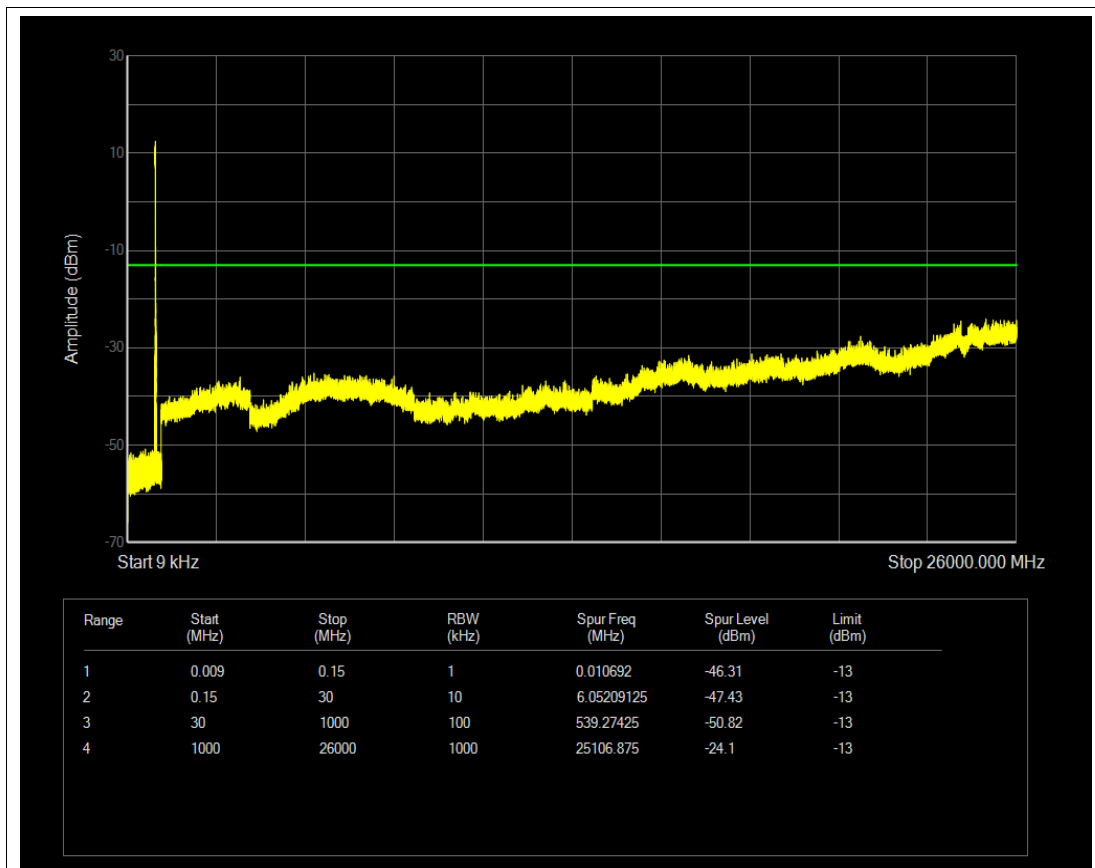
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



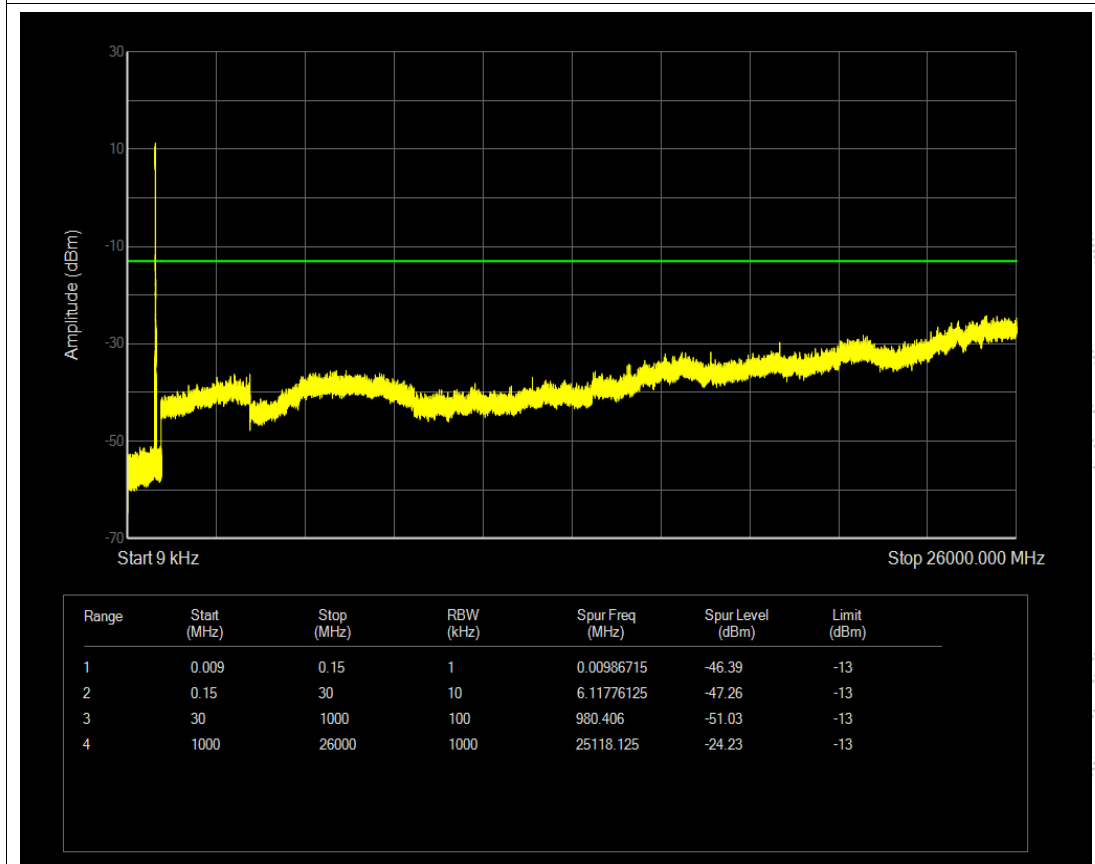
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



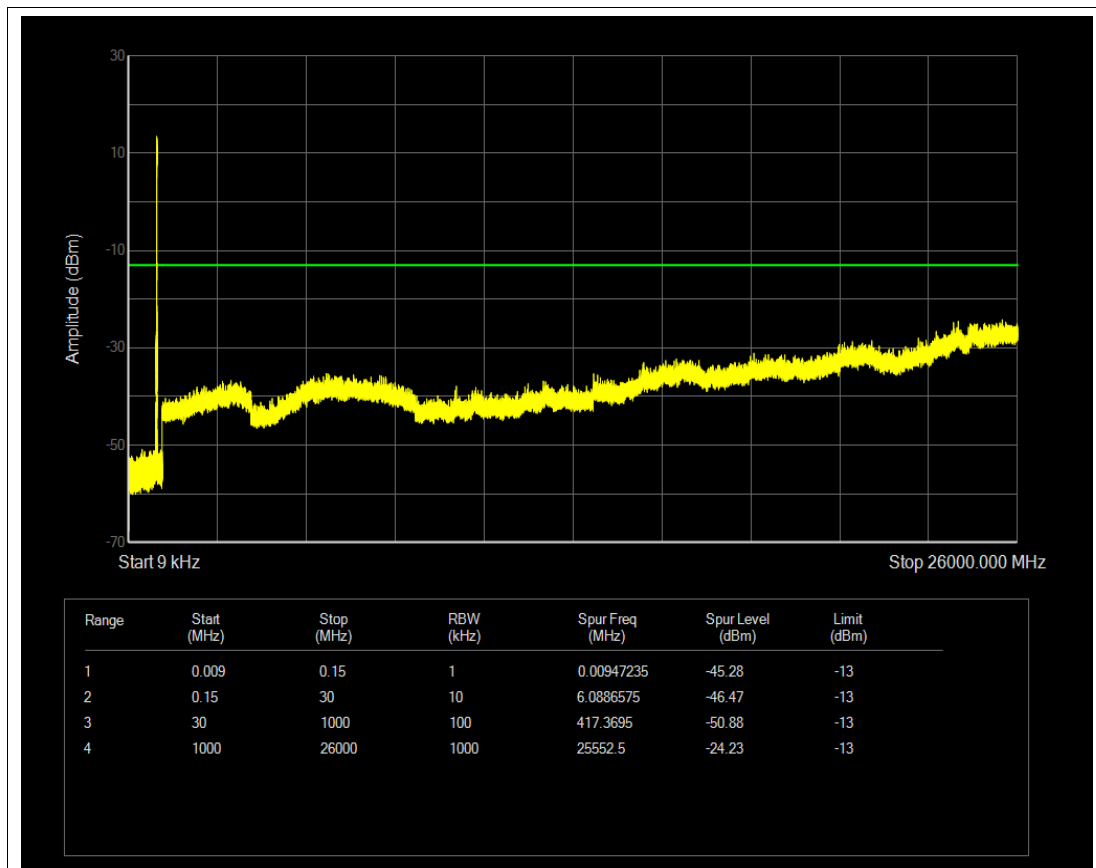
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



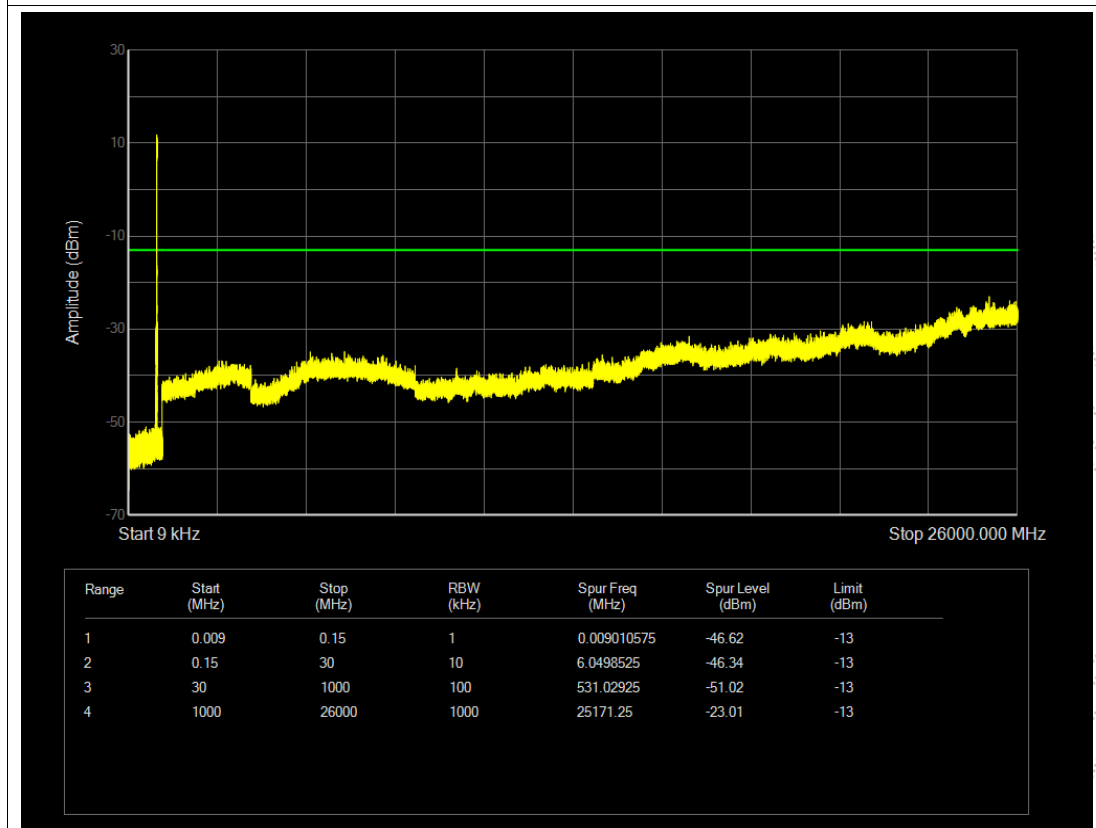
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



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