

Appendix for Test Report

FCC ID: 2ATWZ-S0

Product Name: Real-Time Multisensor

Model No: S0

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Conducted output power (ERP)

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	ERP (dBm)	ERP (mW)	ERP Limit (mW)	Verdict
Band5	1.4	20407	1	#0	QPSK	23.11	-0.89	20.07	101.62	7000	PASS
Band5	1.4	20407	1	#Mid	QPSK	23.14	-0.89	20.1	102.33	7000	PASS
Band5	1.4	20407	1	#Max	QPSK	23.17	-0.89	20.13	103.04	7000	PASS
Band5	1.4	20407	3	#0	QPSK	23.08	-0.89	20.04	100.93	7000	PASS
Band5	1.4	20407	3	#Mid	QPSK	23.11	-0.89	20.07	101.62	7000	PASS
Band5	1.4	20407	3	#Max	QPSK	23.14	-0.89	20.1	102.33	7000	PASS
Band5	1.4	20407	6	#0	QPSK	22.11	-0.89	19.07	80.72	7000	PASS
Band5	1.4	20525	1	#0	QPSK	22.95	-0.89	19.91	97.95	7000	PASS
Band5	1.4	20525	1	#Mid	QPSK	22.93	-0.89	19.89	97.5	7000	PASS
Band5	1.4	20525	1	#Max	QPSK	22.9	-0.89	19.86	96.83	7000	PASS
Band5	1.4	20525	3	#0	QPSK	23.05	-0.89	20.01	100.23	7000	PASS
Band5	1.4	20525	3	#Mid	QPSK	23.07	-0.89	20.03	100.69	7000	PASS
Band5	1.4	20525	3	#Max	QPSK	23.07	-0.89	20.03	100.69	7000	PASS
Band5	1.4	20525	6	#0	QPSK	22.07	-0.89	19.03	79.98	7000	PASS
Band5	1.4	20643	1	#0	QPSK	22.99	-0.89	19.95	98.86	7000	PASS
Band5	1.4	20643	1	#Mid	QPSK	22.99	-0.89	19.95	98.86	7000	PASS
Band5	1.4	20643	1	#Max	QPSK	22.97	-0.89	19.93	98.4	7000	PASS
Band5	1.4	20643	3	#0	QPSK	23.05	-0.89	20.01	100.23	7000	PASS
Band5	1.4	20643	3	#Mid	QPSK	23.05	-0.89	20.01	100.23	7000	PASS
Band5	1.4	20643	3	#Max	QPSK	23.06	-0.89	20.02	100.46	7000	PASS
Band5	1.4	20643	6	#0	QPSK	22.05	-0.89	19.01	79.62	7000	PASS
Band5	1.4	20407	1	#0	16QAM	22.28	-0.89	19.24	83.95	7000	PASS
Band5	1.4	20407	1	#Mid	16QAM	22.25	-0.89	19.21	83.37	7000	PASS
Band5	1.4	20407	1	#Max	16QAM	22.24	-0.89	19.2	83.18	7000	PASS
Band5	1.4	20407	3	#0	16QAM	22.25	-0.89	19.21	83.37	7000	PASS
Band5	1.4	20407	3	#Mid	16QAM	22.22	-0.89	19.18	82.79	7000	PASS
Band5	1.4	20407	3	#Max	16QAM	22.12	-0.89	19.08	80.91	7000	PASS
Band5	1.4	20407	6	#0	16QAM	21.43	-0.89	18.39	69.02	7000	PASS
Band5	1.4	20525	1	#0	16QAM	22.58	-0.89	19.54	89.95	7000	PASS
Band5	1.4	20525	1	#Mid	16QAM	22.56	-0.89	19.52	89.54	7000	PASS
Band5	1.4	20525	1	#Max	16QAM	22.47	-0.89	19.43	87.7	7000	PASS
Band5	1.4	20525	3	#0	16QAM	22.89	-0.89	19.85	96.61	7000	PASS
Band5	1.4	20525	3	#Mid	16QAM	22.91	-0.89	19.87	97.05	7000	PASS
Band5	1.4	20525	3	#Max	16QAM	22.81	-0.89	19.77	94.84	7000	PASS
Band5	1.4	20525	6	#0	16QAM	21.72	-0.89	18.68	73.79	7000	PASS
Band5	1.4	20643	1	#0	16QAM	22.63	-0.89	19.59	90.99	7000	PASS
Band5	1.4	20643	1	#Mid	16QAM	22.68	-0.89	19.64	92.04	7000	PASS
Band5	1.4	20643	1	#Max	16QAM	22.57	-0.89	19.53	89.74	7000	PASS

Band5	1.4	20643	3	#0	16QAM	22.58	-0.89	19.54	89.95	7000	PASS
Band5	1.4	20643	3	#Mid	16QAM	22.59	-0.89	19.55	90.16	7000	PASS
Band5	1.4	20643	3	#Max	16QAM	22.57	-0.89	19.53	89.74	7000	PASS
Band5	1.4	20643	6	#0	16QAM	21.62	-0.89	18.58	72.11	7000	PASS
Band5	3	20415	1	#0	QPSK	22.91	-0.89	19.87	97.05	7000	PASS
Band5	3	20415	1	#Mid	QPSK	23	-0.89	19.96	99.08	7000	PASS
Band5	3	20415	1	#Max	QPSK	23.04	-0.89	20	100	7000	PASS
Band5	3	20415	8	#0	QPSK	22	-0.89	18.96	78.7	7000	PASS
Band5	3	20415	8	#Mid	QPSK	22.02	-0.89	18.98	79.07	7000	PASS
Band5	3	20415	8	#Max	QPSK	22.09	-0.89	19.05	80.35	7000	PASS
Band5	3	20415	15	#0	QPSK	22.07	-0.89	19.03	79.98	7000	PASS
Band5	3	20525	1	#0	QPSK	22.96	-0.89	19.92	98.17	7000	PASS
Band5	3	20525	1	#Mid	QPSK	22.95	-0.89	19.91	97.95	7000	PASS
Band5	3	20525	1	#Max	QPSK	22.89	-0.89	19.85	96.61	7000	PASS
Band5	3	20525	8	#0	QPSK	22.01	-0.89	18.97	78.89	7000	PASS
Band5	3	20525	8	#Mid	QPSK	22.01	-0.89	18.97	78.89	7000	PASS
Band5	3	20525	8	#Max	QPSK	22	-0.89	18.96	78.7	7000	PASS
Band5	3	20525	15	#0	QPSK	22.04	-0.89	19	79.43	7000	PASS
Band5	3	20635	1	#0	QPSK	22.83	-0.89	19.79	95.28	7000	PASS
Band5	3	20635	1	#Mid	QPSK	22.87	-0.89	19.83	96.16	7000	PASS
Band5	3	20635	1	#Max	QPSK	22.82	-0.89	19.78	95.06	7000	PASS
Band5	3	20635	8	#0	QPSK	21.92	-0.89	18.88	77.27	7000	PASS
Band5	3	20635	8	#Mid	QPSK	21.9	-0.89	18.86	76.91	7000	PASS
Band5	3	20635	8	#Max	QPSK	21.92	-0.89	18.88	77.27	7000	PASS
Band5	3	20635	15	#0	QPSK	21.92	-0.89	18.88	77.27	7000	PASS
Band5	3	20415	1	#0	16QAM	22.5	-0.89	19.46	88.31	7000	PASS
Band5	3	20415	1	#Mid	16QAM	22.62	-0.89	19.58	90.78	7000	PASS
Band5	3	20415	1	#Max	16QAM	22.57	-0.89	19.53	89.74	7000	PASS
Band5	3	20415	8	#0	16QAM	21.26	-0.89	18.22	66.37	7000	PASS
Band5	3	20415	8	#Mid	16QAM	21.35	-0.89	18.31	67.76	7000	PASS
Band5	3	20415	8	#Max	16QAM	21.39	-0.89	18.35	68.39	7000	PASS
Band5	3	20415	15	#0	16QAM	21.33	-0.89	18.29	67.45	7000	PASS
Band5	3	20525	1	#0	16QAM	22.51	-0.89	19.47	88.51	7000	PASS
Band5	3	20525	1	#Mid	16QAM	22.54	-0.89	19.5	89.13	7000	PASS
Band5	3	20525	1	#Max	16QAM	22.43	-0.89	19.39	86.9	7000	PASS
Band5	3	20525	8	#0	16QAM	21.82	-0.89	18.78	75.51	7000	PASS
Band5	3	20525	8	#Mid	16QAM	21.79	-0.89	18.75	74.99	7000	PASS
Band5	3	20525	8	#Max	16QAM	21.74	-0.89	18.7	74.13	7000	PASS
Band5	3	20525	15	#0	16QAM	21.65	-0.89	18.61	72.61	7000	PASS
Band5	3	20635	1	#0	16QAM	22.4	-0.89	19.36	86.3	7000	PASS
Band5	3	20635	1	#Mid	16QAM	22.56	-0.89	19.52	89.54	7000	PASS
Band5	3	20635	1	#Max	16QAM	22.35	-0.89	19.31	85.31	7000	PASS
Band5	3	20635	8	#0	16QAM	21.49	-0.89	18.45	69.98	7000	PASS

Band5	3	20635	8	#Mid	16QAM	21.55	-0.89	18.51	70.96	7000	PASS
Band5	3	20635	8	#Max	16QAM	21.5	-0.89	18.46	70.15	7000	PASS
Band5	3	20635	15	#0	16QAM	21.58	-0.89	18.54	71.45	7000	PASS
Band5	5	20425	1	#0	QPSK	23.16	-0.89	20.12	102.8	7000	PASS
Band5	5	20425	1	#Mid	QPSK	23.22	-0.89	20.18	104.23	7000	PASS
Band5	5	20425	1	#Max	QPSK	23.29	-0.89	20.25	105.93	7000	PASS
Band5	5	20425	12	#0	QPSK	22.25	-0.89	19.21	83.37	7000	PASS
Band5	5	20425	12	#Mid	QPSK	22.26	-0.89	19.22	83.56	7000	PASS
Band5	5	20425	12	#Max	QPSK	22.3	-0.89	19.26	84.33	7000	PASS
Band5	5	20425	25	#0	QPSK	22.28	-0.89	19.24	83.95	7000	PASS
Band5	5	20525	1	#0	QPSK	23.01	-0.89	19.97	99.31	7000	PASS
Band5	5	20525	1	#Mid	QPSK	22.94	-0.89	19.9	97.72	7000	PASS
Band5	5	20525	1	#Max	QPSK	22.92	-0.89	19.88	97.27	7000	PASS
Band5	5	20525	12	#0	QPSK	22.19	-0.89	19.15	82.22	7000	PASS
Band5	5	20525	12	#Mid	QPSK	22.18	-0.89	19.14	82.04	7000	PASS
Band5	5	20525	12	#Max	QPSK	22.12	-0.89	19.08	80.91	7000	PASS
Band5	5	20525	25	#0	QPSK	22.22	-0.89	19.18	82.79	7000	PASS
Band5	5	20625	1	#0	QPSK	22.95	-0.89	19.91	97.95	7000	PASS
Band5	5	20625	1	#Mid	QPSK	22.88	-0.89	19.84	96.38	7000	PASS
Band5	5	20625	1	#Max	QPSK	22.85	-0.89	19.81	95.72	7000	PASS
Band5	5	20625	12	#0	QPSK	22.08	-0.89	19.04	80.17	7000	PASS
Band5	5	20625	12	#Mid	QPSK	22.07	-0.89	19.03	79.98	7000	PASS
Band5	5	20625	12	#Max	QPSK	22.04	-0.89	19	79.43	7000	PASS
Band5	5	20625	25	#0	QPSK	22.04	-0.89	19	79.43	7000	PASS
Band5	5	20425	1	#0	16QAM	22.78	-0.89	19.74	94.19	7000	PASS
Band5	5	20425	1	#Mid	16QAM	22.89	-0.89	19.85	96.61	7000	PASS
Band5	5	20425	1	#Max	16QAM	22.95	-0.89	19.91	97.95	7000	PASS
Band5	5	20425	12	#0	16QAM	21.44	-0.89	18.4	69.18	7000	PASS
Band5	5	20425	12	#Mid	16QAM	21.48	-0.89	18.44	69.82	7000	PASS
Band5	5	20425	12	#Max	16QAM	21.56	-0.89	18.52	71.12	7000	PASS
Band5	5	20425	25	#0	16QAM	21.57	-0.89	18.53	71.29	7000	PASS
Band5	5	20525	1	#0	16QAM	23.11	-0.89	20.07	101.62	7000	PASS
Band5	5	20525	1	#Mid	16QAM	22.82	-0.89	19.78	95.06	7000	PASS
Band5	5	20525	1	#Max	16QAM	23.01	-0.89	19.97	99.31	7000	PASS
Band5	5	20525	12	#0	16QAM	21.81	-0.89	18.77	75.34	7000	PASS
Band5	5	20525	12	#Mid	16QAM	21.72	-0.89	18.68	73.79	7000	PASS
Band5	5	20525	12	#Max	16QAM	21.78	-0.89	18.74	74.82	7000	PASS
Band5	5	20525	25	#0	16QAM	21.86	-0.89	18.82	76.21	7000	PASS
Band5	5	20625	1	#0	16QAM	22.93	-0.89	19.89	97.5	7000	PASS
Band5	5	20625	1	#Mid	16QAM	22.88	-0.89	19.84	96.38	7000	PASS
Band5	5	20625	1	#Max	16QAM	22.98	-0.89	19.94	98.63	7000	PASS
Band5	5	20625	12	#0	16QAM	21.52	-0.89	18.48	70.47	7000	PASS
Band5	5	20625	12	#Mid	16QAM	21.51	-0.89	18.47	70.31	7000	PASS

Band5	5	20625	12	#Max	16QAM	21.4	-0.89	18.36	68.55	7000	PASS
Band5	5	20625	25	#0	16QAM	21.34	-0.89	18.3	67.61	7000	PASS
Band5	10	20450	1	#0	QPSK	23.07	-0.89	20.03	100.69	7000	PASS
Band5	10	20450	1	#Mid	QPSK	23.14	-0.89	20.1	102.33	7000	PASS
Band5	10	20450	1	#Max	QPSK	23.23	-0.89	20.19	104.47	7000	PASS
Band5	10	20450	25	#0	QPSK	22.31	-0.89	19.27	84.53	7000	PASS
Band5	10	20450	25	#Mid	QPSK	22.31	-0.89	19.27	84.53	7000	PASS
Band5	10	20450	25	#Max	QPSK	22.3	-0.89	19.26	84.33	7000	PASS
Band5	10	20450	50	#0	QPSK	22.3	-0.89	19.26	84.33	7000	PASS
Band5	10	20525	1	#0	QPSK	23.17	-0.89	20.13	103.04	7000	PASS
Band5	10	20525	1	#Mid	QPSK	23.08	-0.89	20.04	100.93	7000	PASS
Band5	10	20525	1	#Max	QPSK	22.98	-0.89	19.94	98.63	7000	PASS
Band5	10	20525	25	#0	QPSK	22.33	-0.89	19.29	84.92	7000	PASS
Band5	10	20525	25	#Mid	QPSK	22.26	-0.89	19.22	83.56	7000	PASS
Band5	10	20525	25	#Max	QPSK	22.17	-0.89	19.13	81.85	7000	PASS
Band5	10	20525	50	#0	QPSK	22.3	-0.89	19.26	84.33	7000	PASS
Band5	10	20600	1	#0	QPSK	23.27	-0.89	20.23	105.44	7000	PASS
Band5	10	20600	1	#Mid	QPSK	23.11	-0.89	20.07	101.62	7000	PASS
Band5	10	20600	1	#Max	QPSK	23.01	-0.89	19.97	99.31	7000	PASS
Band5	10	20600	25	#0	QPSK	22.18	-0.89	19.14	82.04	7000	PASS
Band5	10	20600	25	#Mid	QPSK	22.12	-0.89	19.08	80.91	7000	PASS
Band5	10	20600	25	#Max	QPSK	22.1	-0.89	19.06	80.54	7000	PASS
Band5	10	20600	50	#0	QPSK	22.13	-0.89	19.09	81.1	7000	PASS
Band5	10	20450	1	#0	16QAM	22.92	-0.89	19.88	97.27	7000	PASS
Band5	10	20450	1	#Mid	16QAM	23	-0.89	19.96	99.08	7000	PASS
Band5	10	20450	1	#Max	16QAM	22.84	-0.89	19.8	95.5	7000	PASS
Band5	10	20450	25	#0	16QAM	21.89	-0.89	18.85	76.74	7000	PASS
Band5	10	20450	25	#Mid	16QAM	21.8	-0.89	18.76	75.16	7000	PASS
Band5	10	20450	25	#Max	16QAM	21.73	-0.89	18.69	73.96	7000	PASS
Band5	10	20525	1	#0	16QAM	22.79	-0.89	19.75	94.41	7000	PASS
Band5	10	20525	1	#Mid	16QAM	22.51	-0.89	19.47	88.51	7000	PASS
Band5	10	20525	1	#Max	16QAM	22.81	-0.89	19.77	94.84	7000	PASS
Band5	10	20525	25	#0	16QAM	21.93	-0.89	18.89	77.45	7000	PASS
Band5	10	20525	25	#Mid	16QAM	21.85	-0.89	18.81	76.03	7000	PASS
Band5	10	20525	25	#Max	16QAM	21.82	-0.89	18.78	75.51	7000	PASS
Band5	10	20600	1	#0	16QAM	22.58	-0.89	19.54	89.95	7000	PASS
Band5	10	20600	1	#Mid	16QAM	22.48	-0.89	19.44	87.9	7000	PASS
Band5	10	20600	1	#Max	16QAM	22.65	-0.89	19.61	91.41	7000	PASS
Band5	10	20600	25	#0	16QAM	21.49	-0.89	18.45	69.98	7000	PASS
Band5	10	20600	25	#Mid	16QAM	21.44	-0.89	18.4	69.18	7000	PASS
Band5	10	20600	25	#Max	16QAM	21.5	-0.89	18.46	70.15	7000	PASS

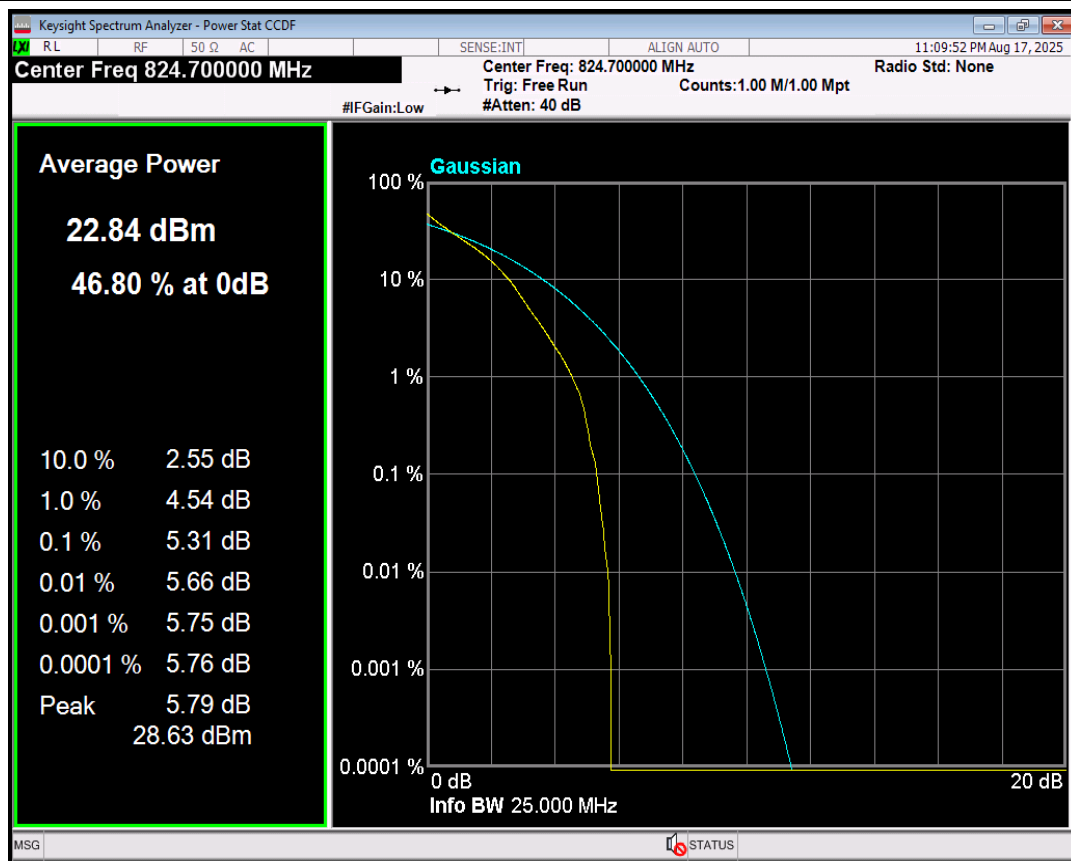
Note: EIRP = Power + Gain

Frequency stability

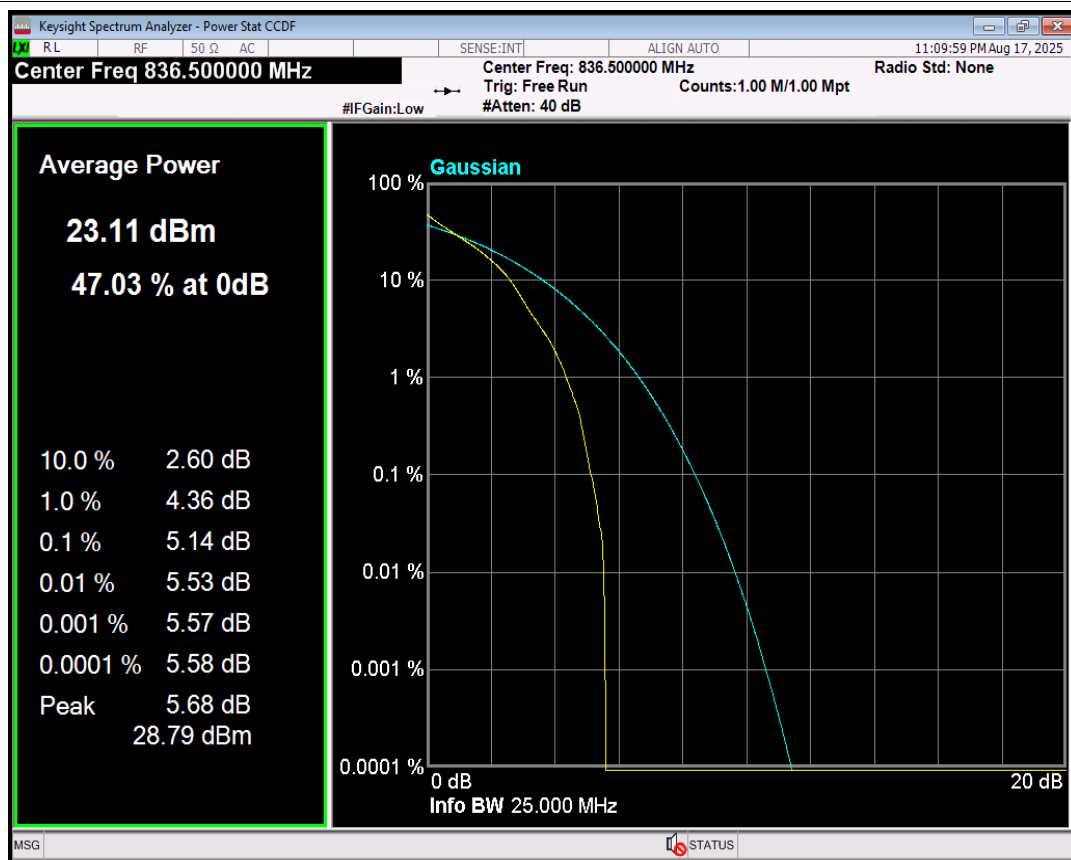
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result(Hz)</i>	<i>Result (ppm)</i>	<i>Low Limit (ppm)</i>	<i>high Limit (ppm)</i>	<i>Verdict</i>
Band5	10	20450	50	#0	QPSK	0.47	0.001	-2.5	2.5	PASS
Band5	10	20525	50	#0	QPSK	0.20	0.000	-2.5	2.5	PASS
Band5	10	20600	50	#0	QPSK	0.62	0.001	-2.5	2.5	PASS

Peak-to-Average Ratio

<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result (dB)</i>	<i>high Limit (dB)</i>	<i>Verdict</i>
Band5	1.4	20407	1	#0	QPSK	5.31	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.14	13	PASS
Band5	1.4	20643	1	#0	QPSK	4.5	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.33	13	PASS
Band5	1.4	20525	1	#0	16QAM	5.42	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.36	13	PASS
Band5	3	20415	1	#0	QPSK	5.32	13	PASS
Band5	3	20525	1	#0	QPSK	5.12	13	PASS
Band5	3	20635	1	#0	QPSK	4.8	13	PASS
Band5	3	20415	1	#0	16QAM	5.55	13	PASS
Band5	3	20525	1	#0	16QAM	5.42	13	PASS
Band5	3	20635	1	#0	16QAM	5.6	13	PASS
Band5	5	20425	1	#0	QPSK	5.55	13	PASS
Band5	5	20525	1	#0	QPSK	5.14	13	PASS
Band5	5	20625	1	#0	QPSK	4.94	13	PASS
Band5	5	20425	1	#0	16QAM	5.36	13	PASS
Band5	5	20525	1	#0	16QAM	5.46	13	PASS
Band5	5	20625	1	#0	16QAM	5.44	13	PASS
Band5	10	20450	1	#0	QPSK	5.39	13	PASS
Band5	10	20525	1	#0	QPSK	5.34	13	PASS
Band5	10	20600	1	#0	QPSK	4.72	13	PASS
Band5	10	20450	1	#0	16QAM	5.15	13	PASS
Band5	10	20525	1	#0	16QAM	5.59	13	PASS
Band5	10	20600	1	#0	16QAM	5.37	13	PASS



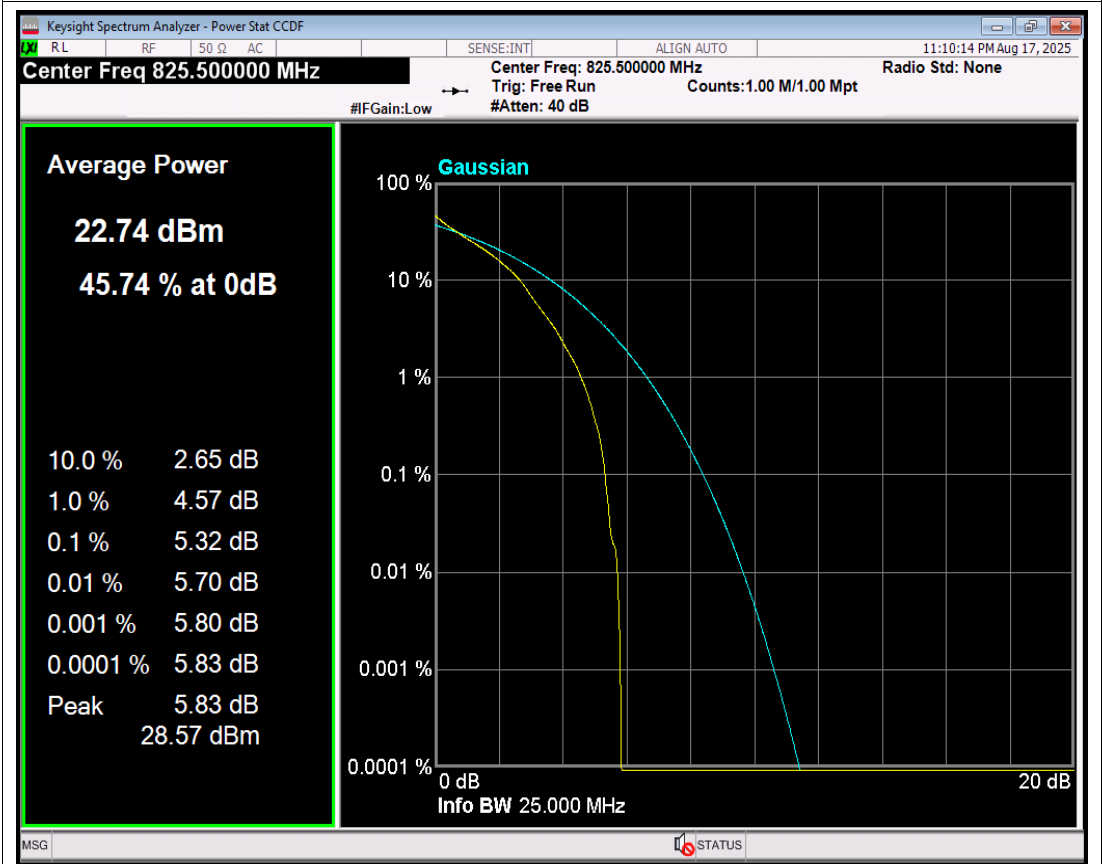
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



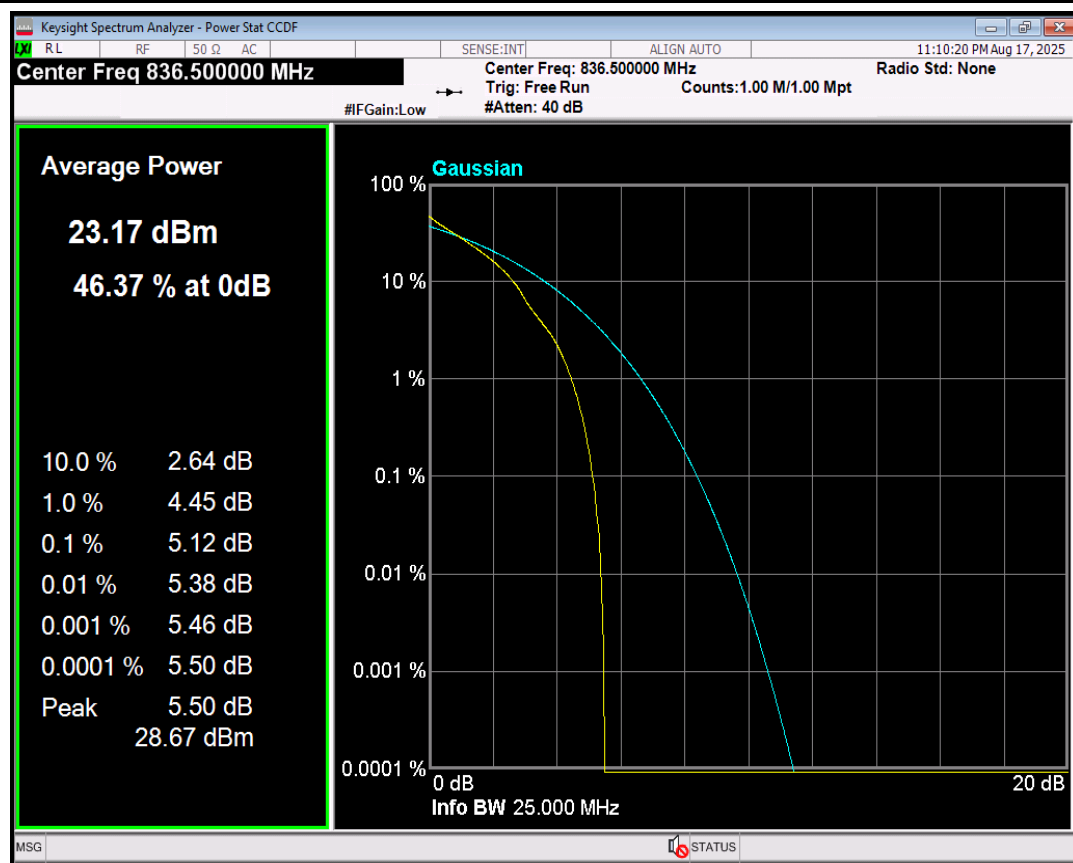
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



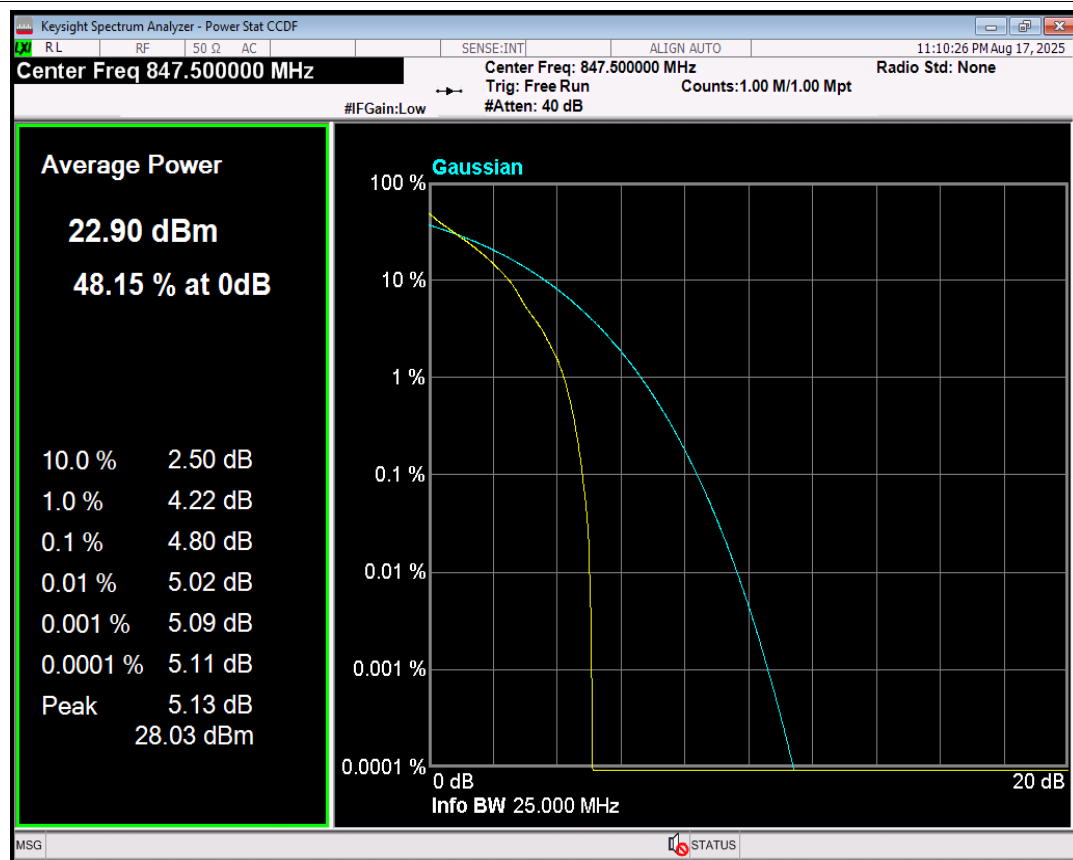
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



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



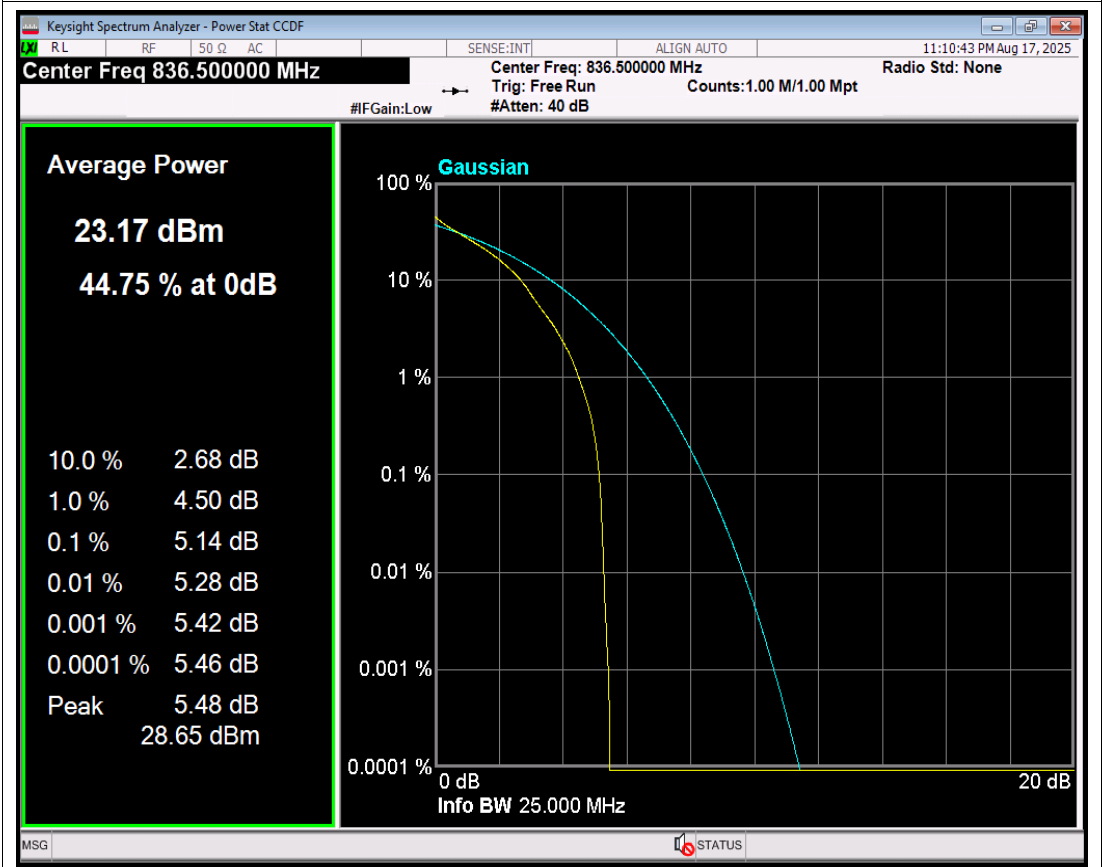
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



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



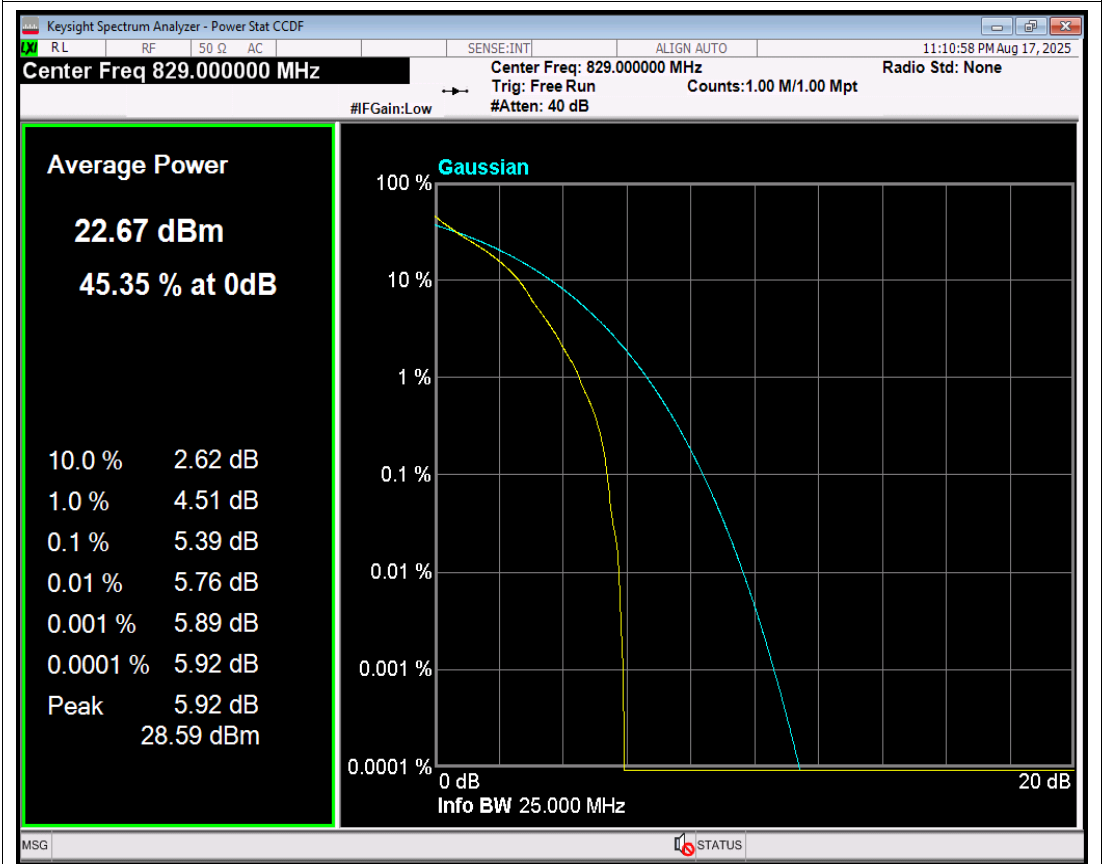
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



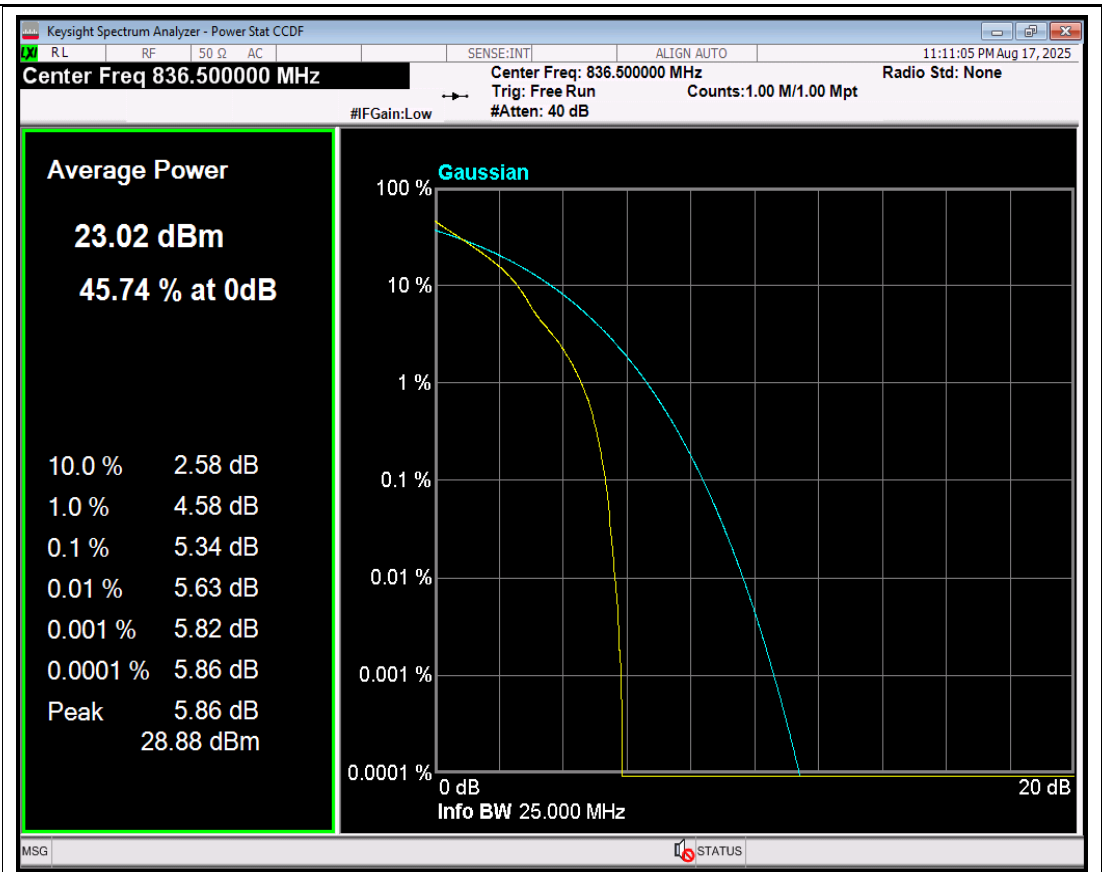
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



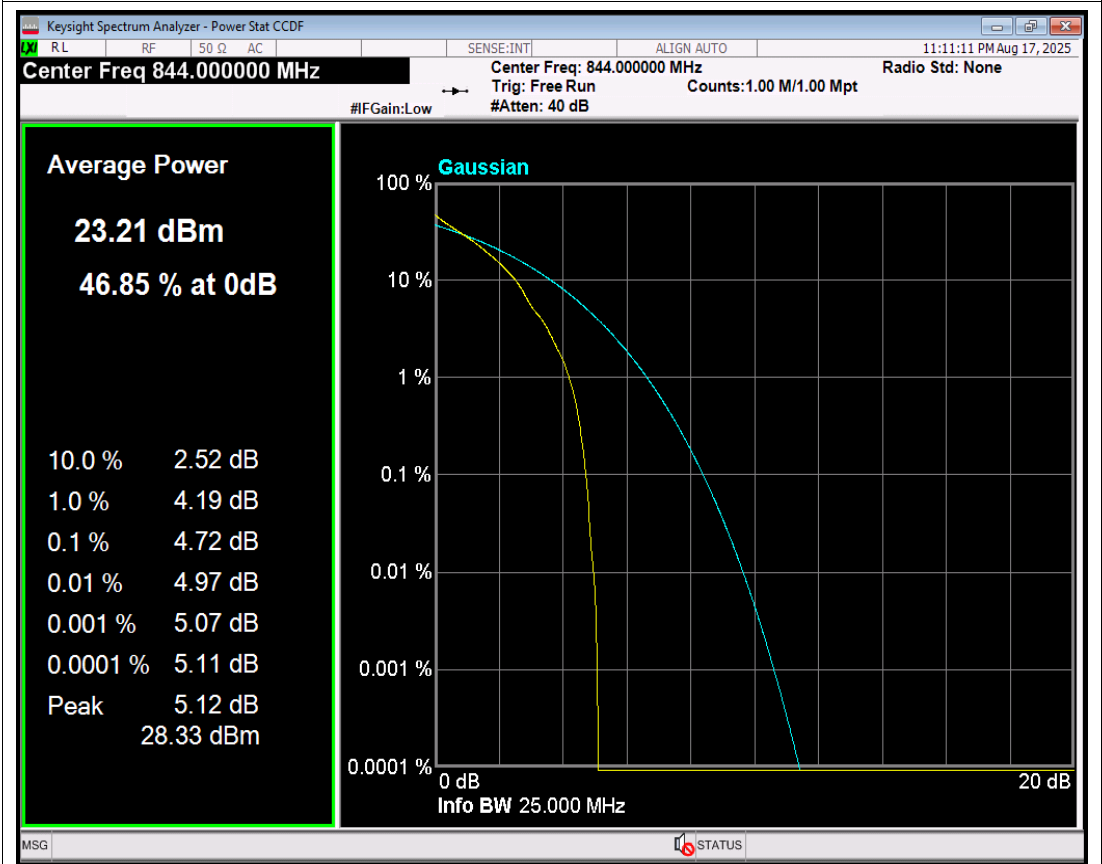
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



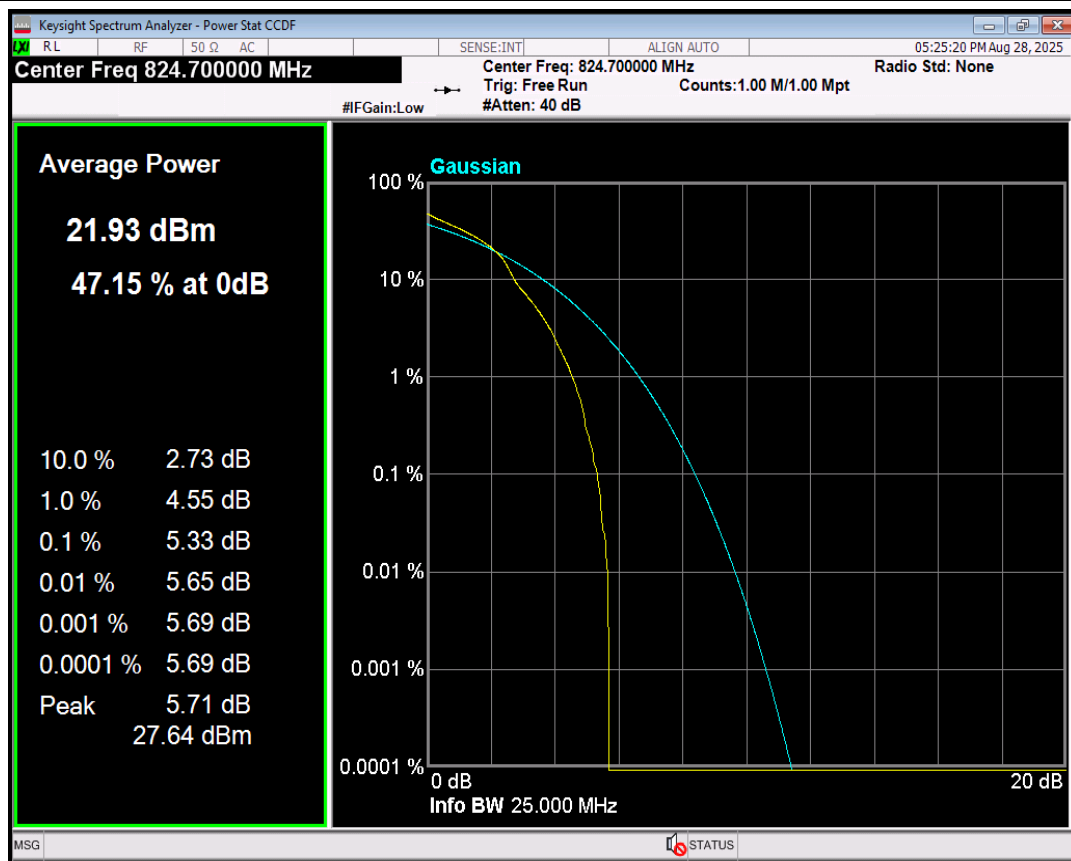
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



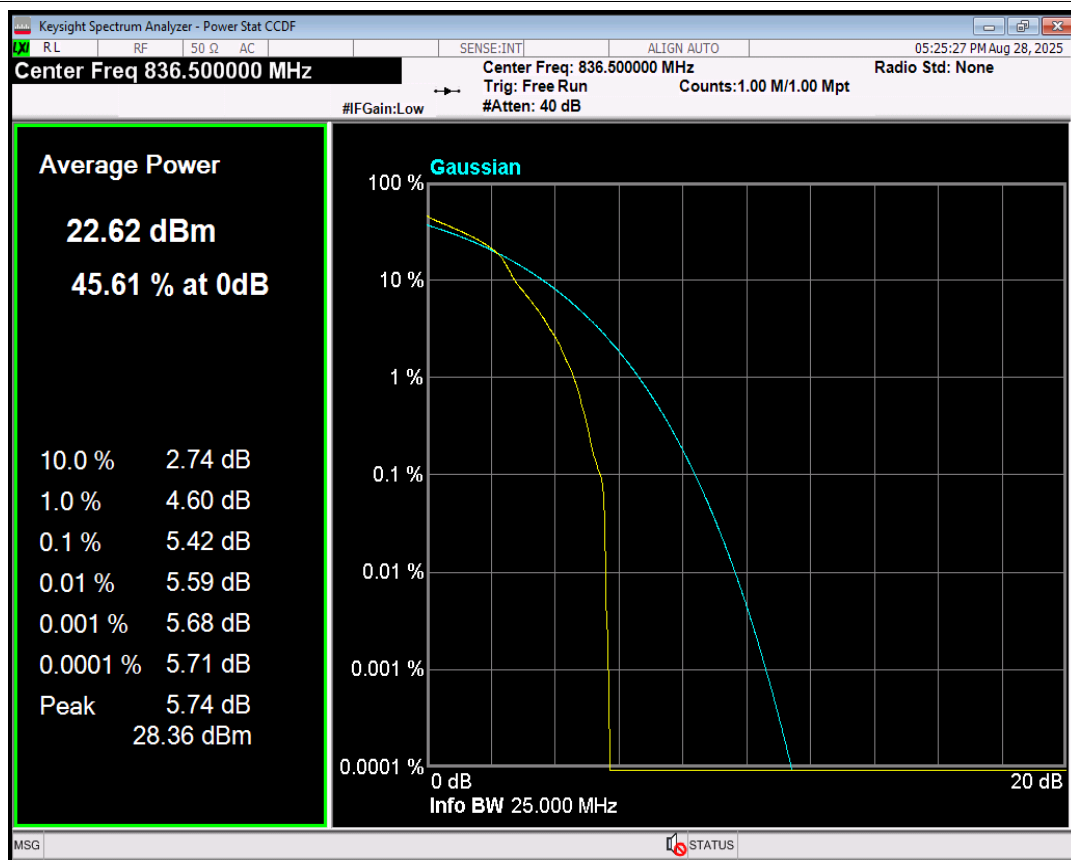
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



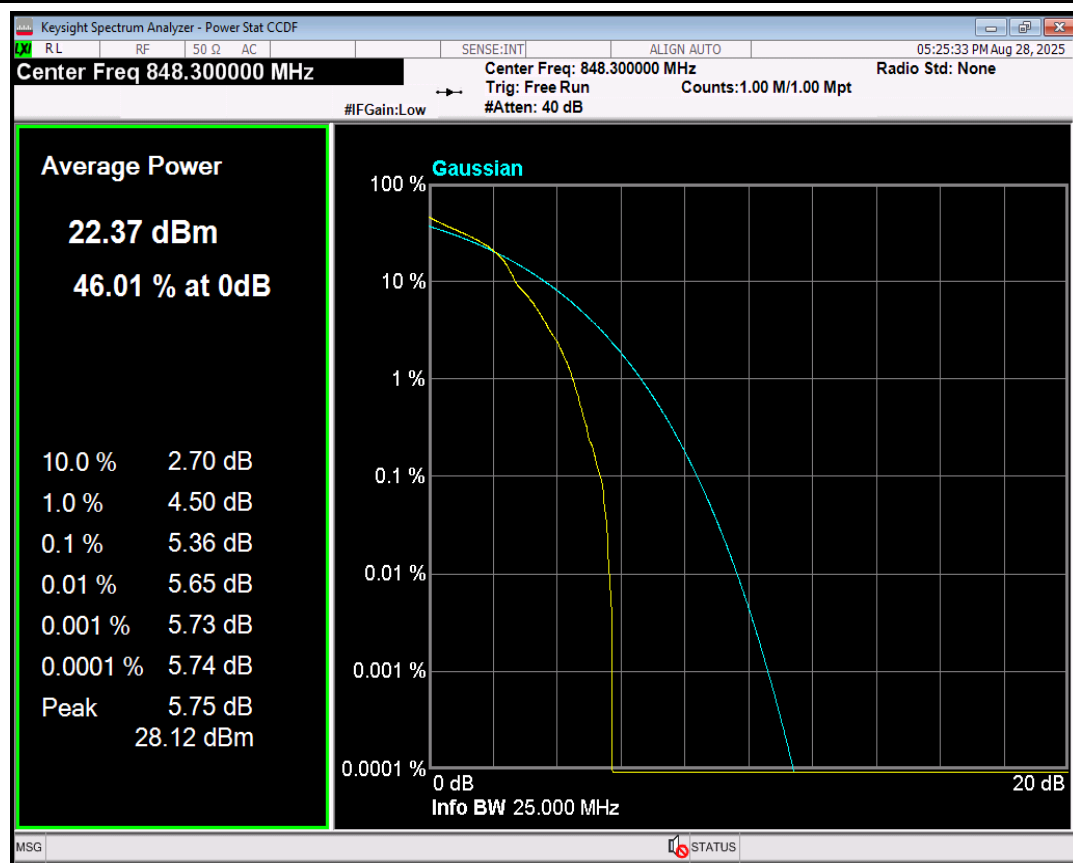
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



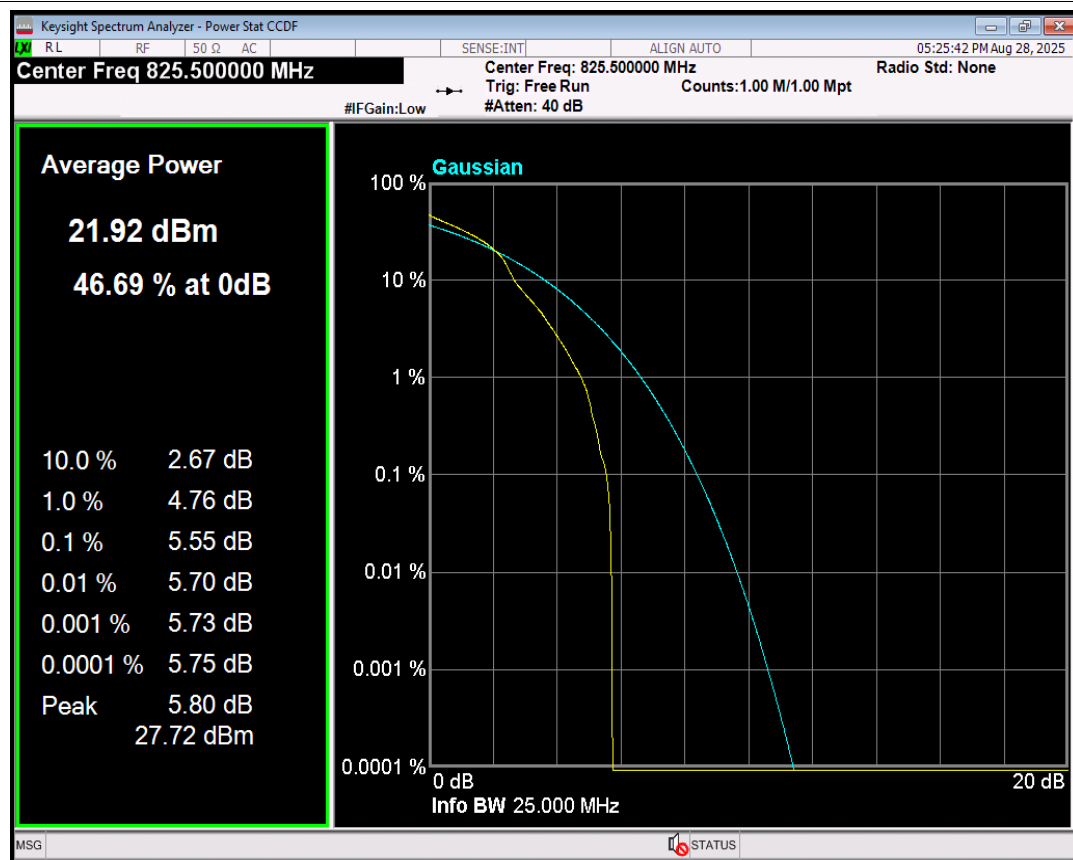
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



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



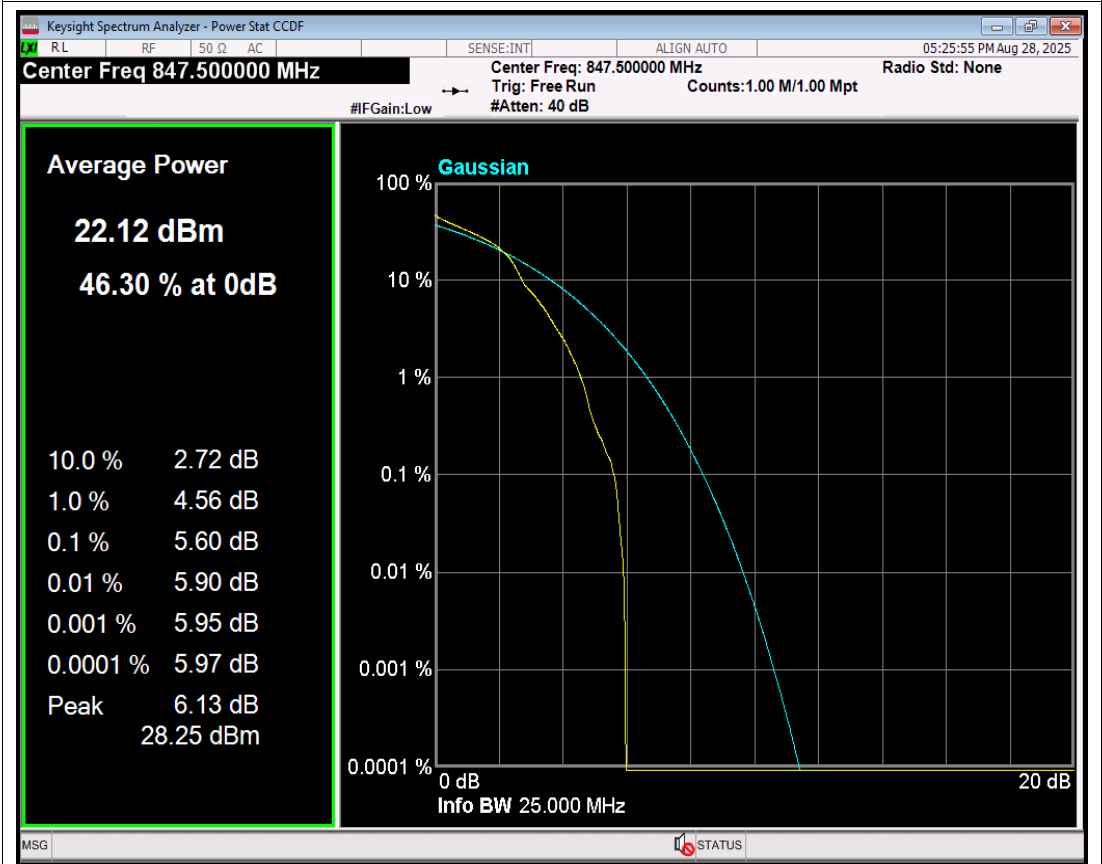
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



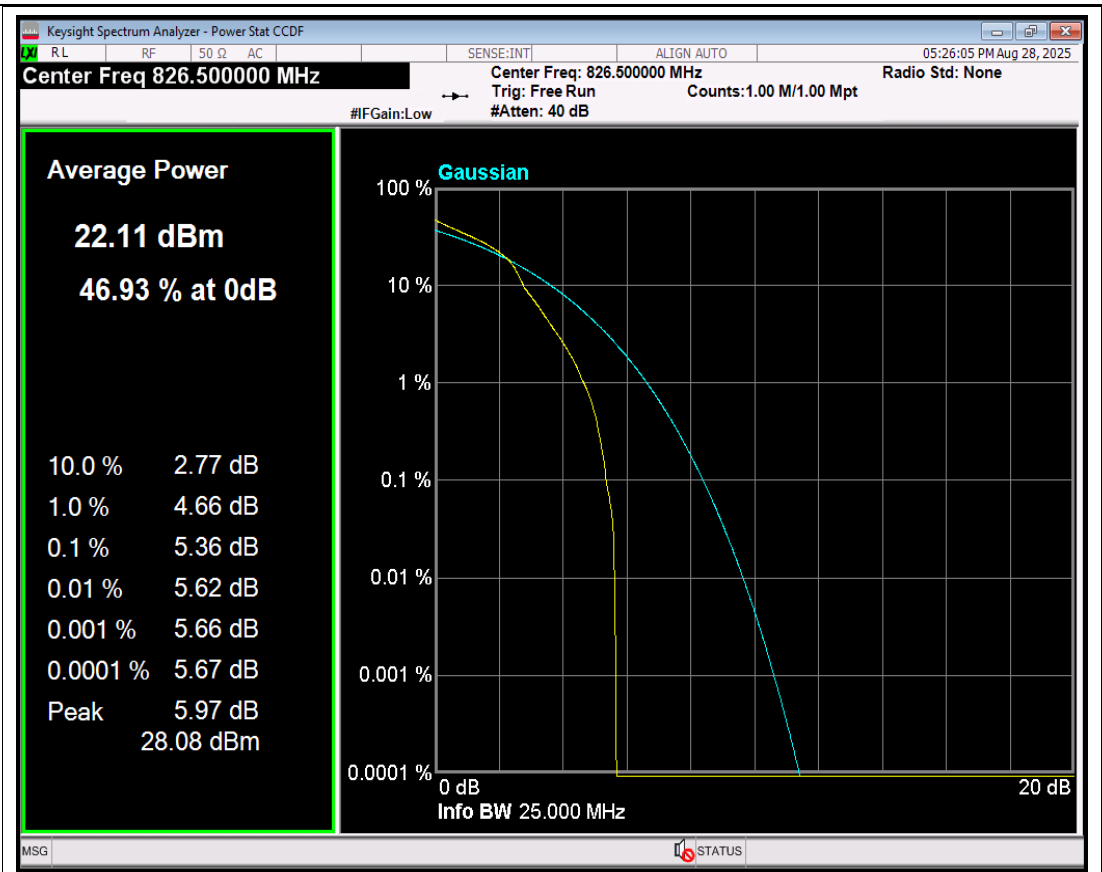
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



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



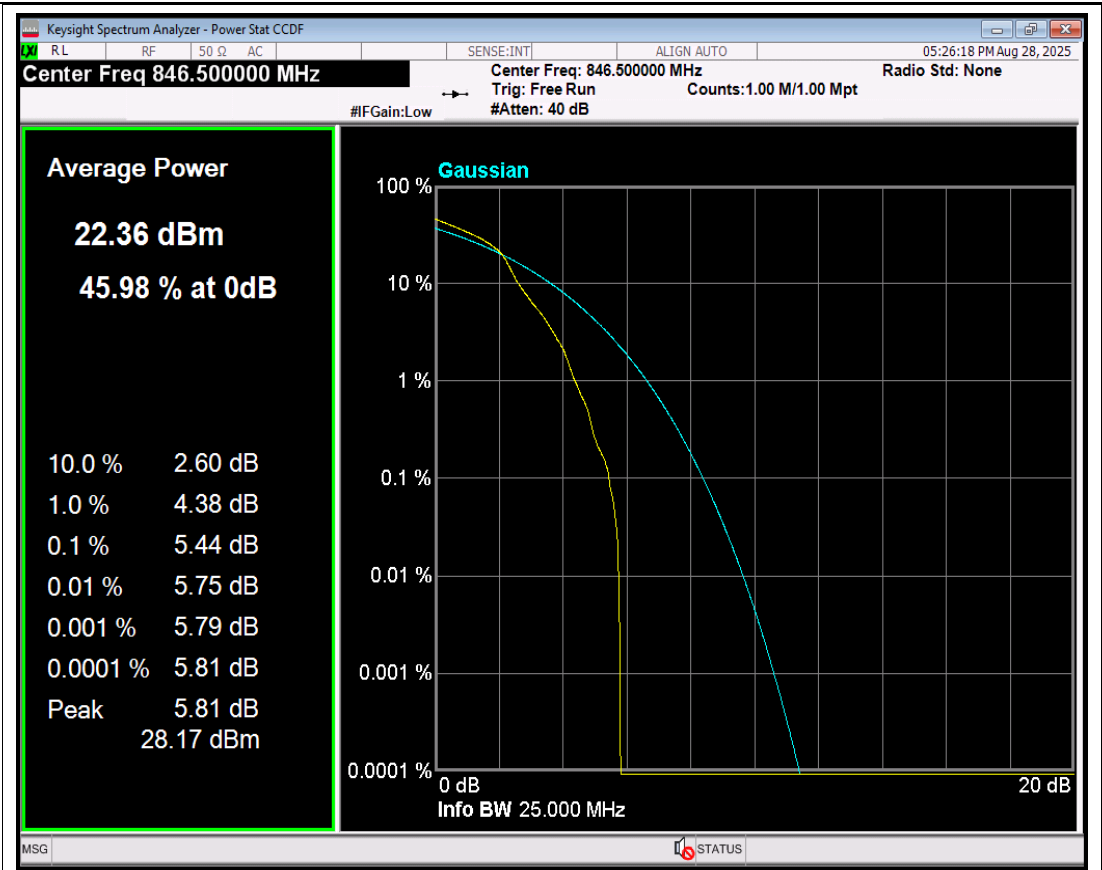
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



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



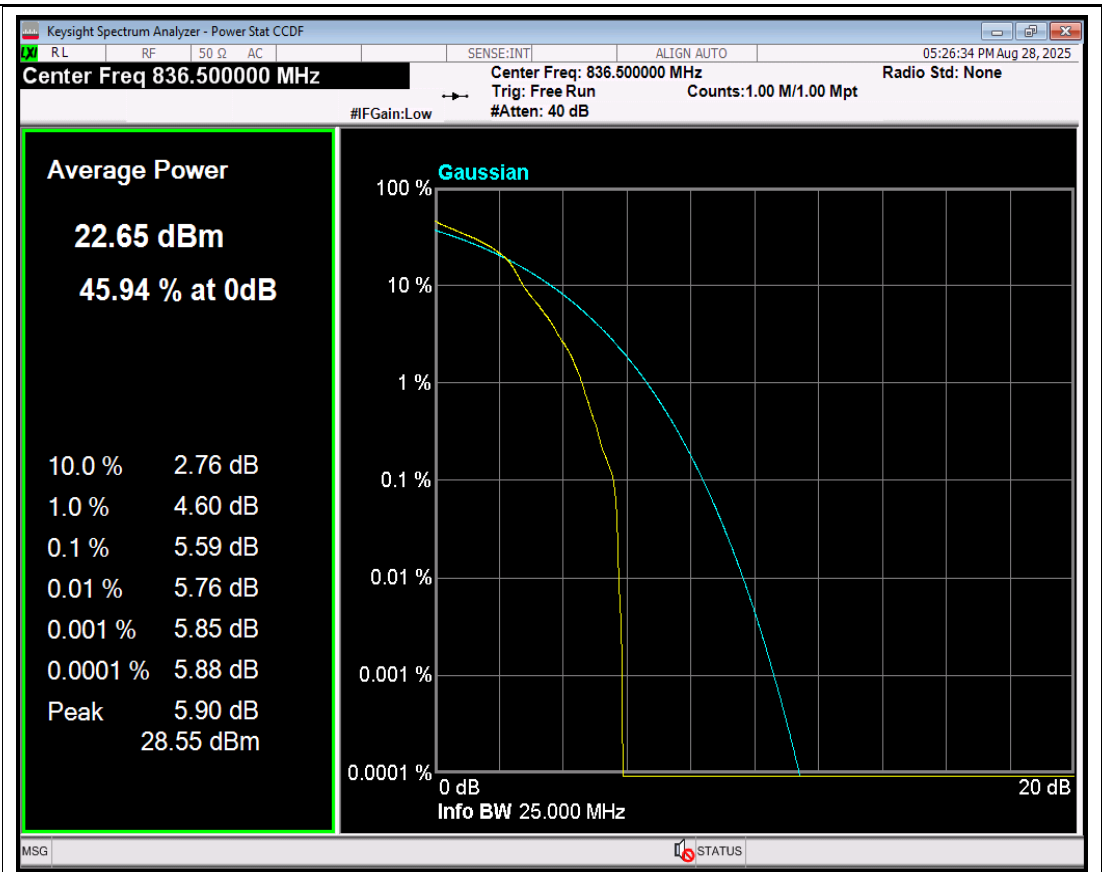
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



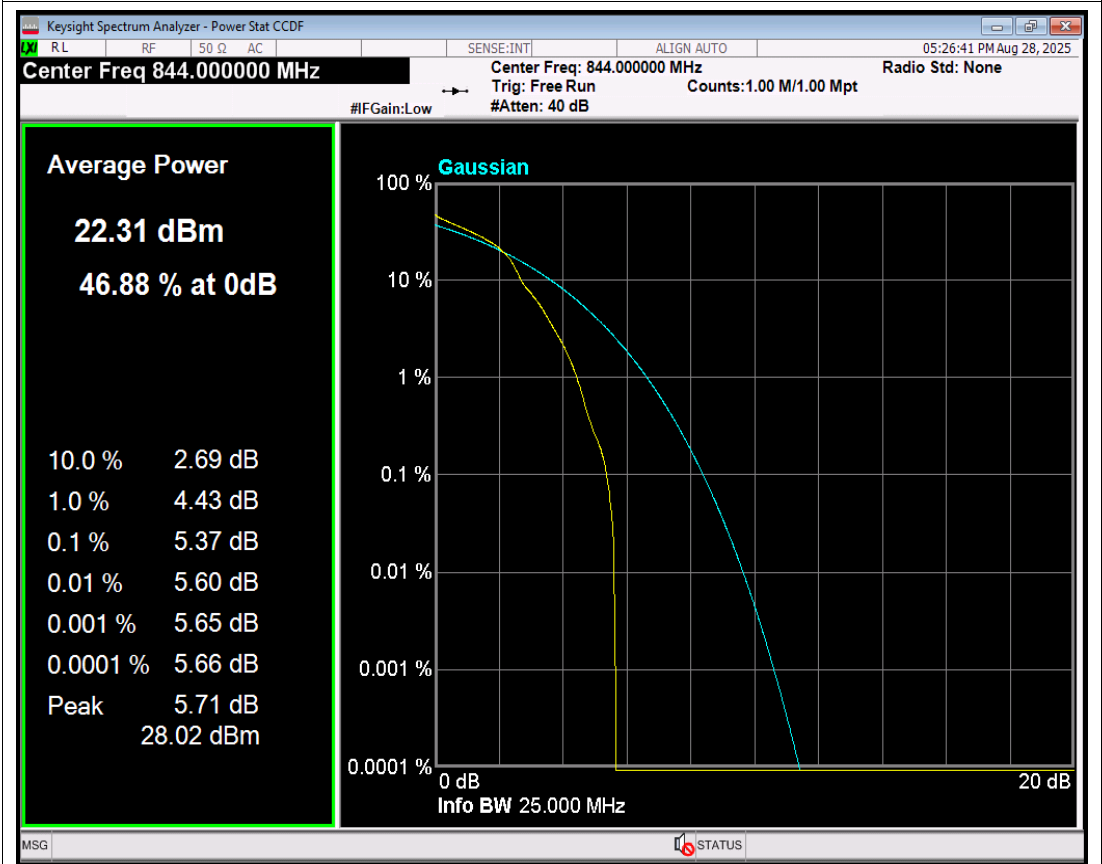
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



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



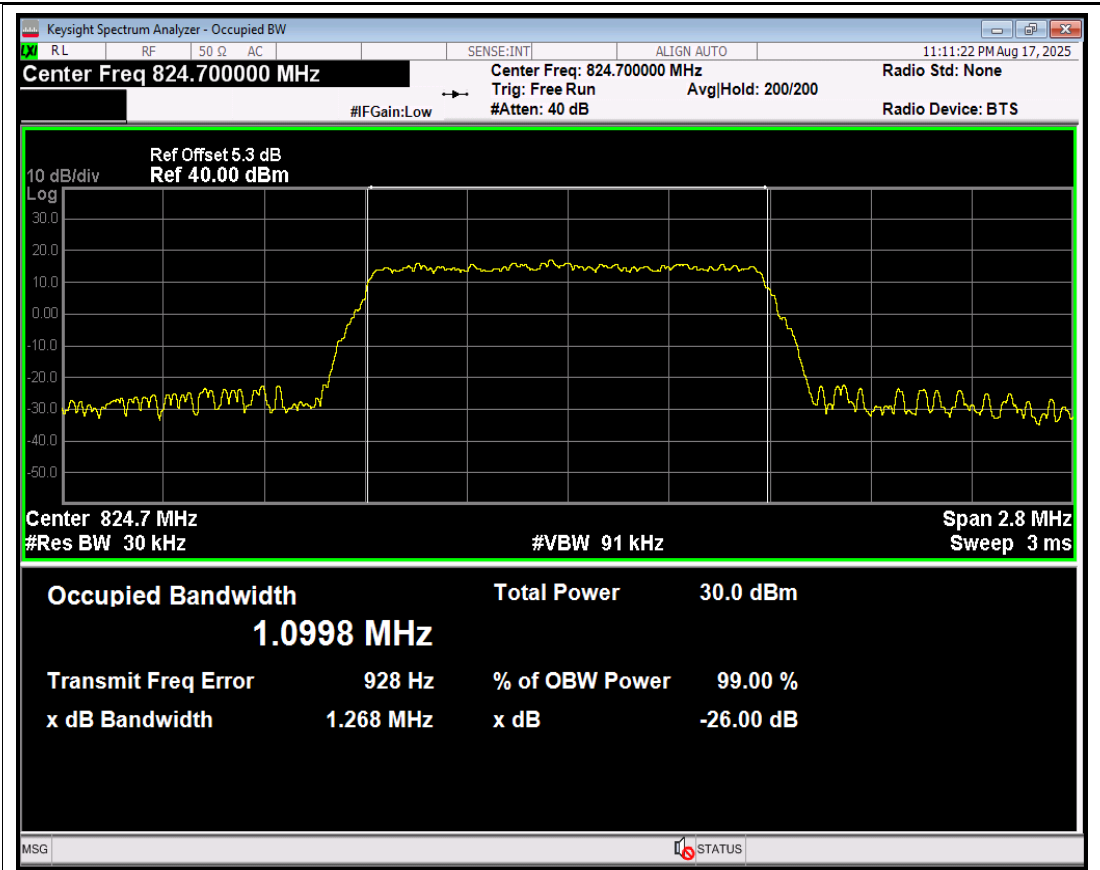
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



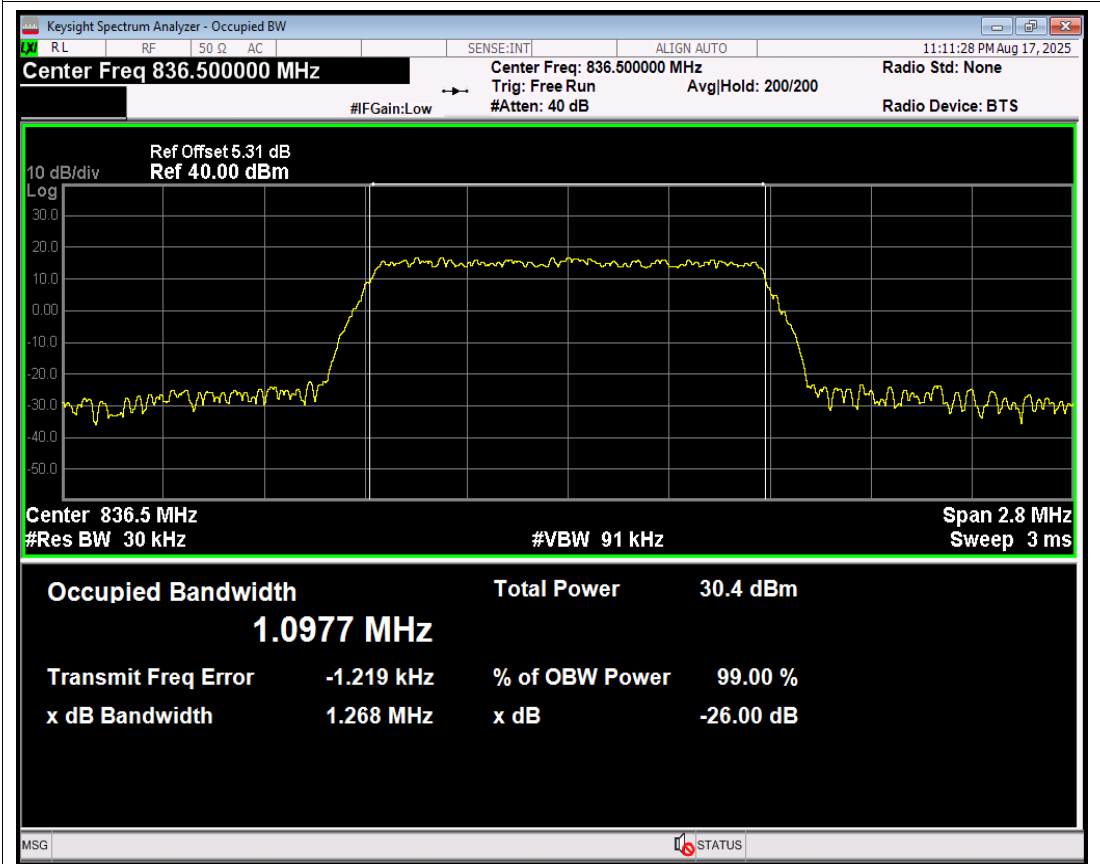
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0

Occupied bandwidth

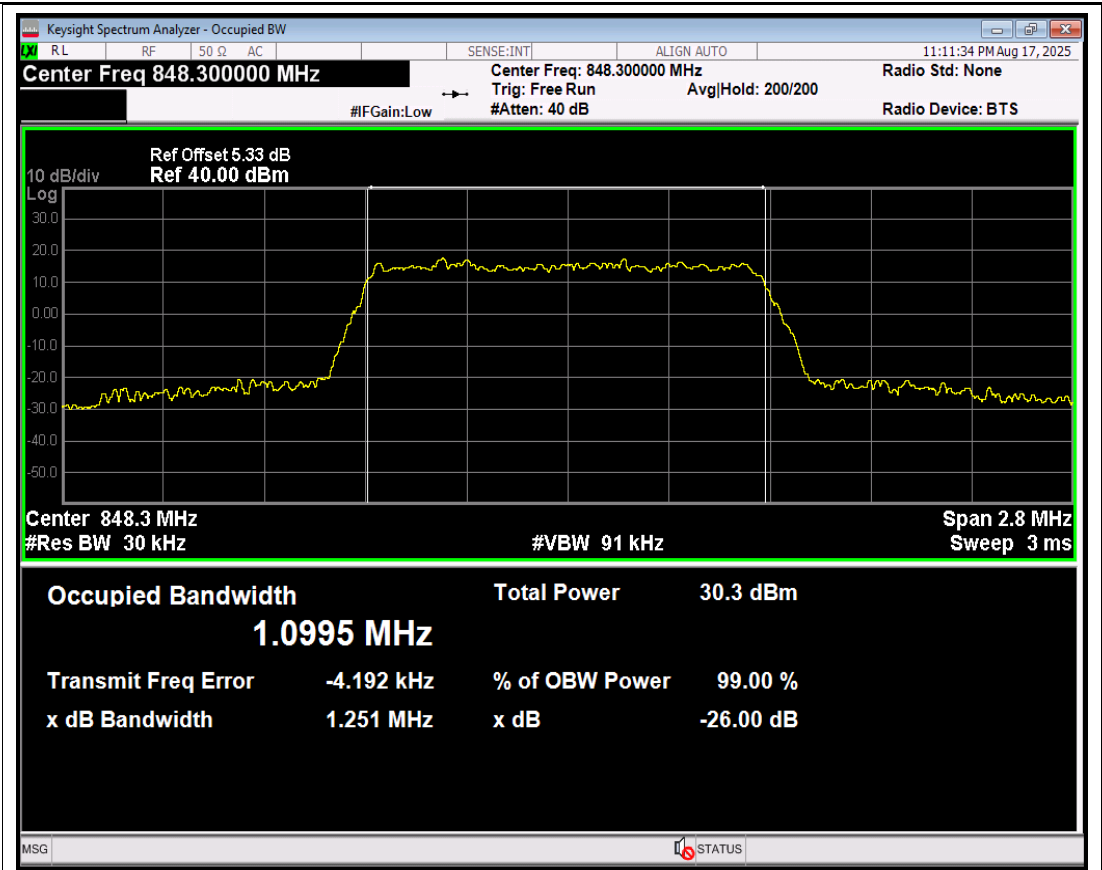
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>99% OBW (MHz)</i>	<i>-26dB EBW (MHz)</i>	<i>Verdict</i>
Band5	1.4	20407	6	#0	QPSK	1.1	1.268	PASS
Band5	1.4	20525	6	#0	QPSK	1.098	1.268	PASS
Band5	1.4	20643	6	#0	QPSK	1.1	1.251	PASS
Band5	1.4	20407	6	#0	16QAM	1.104	1.306	PASS
Band5	1.4	20525	6	#0	16QAM	1.099	1.324	PASS
Band5	1.4	20643	6	#0	16QAM	1.097	1.323	PASS
Band5	3	20415	15	#0	QPSK	2.702	2.926	PASS
Band5	3	20525	15	#0	QPSK	2.715	2.933	PASS
Band5	3	20635	15	#0	QPSK	2.701	2.925	PASS
Band5	3	20415	15	#0	16QAM	2.711	3.156	PASS
Band5	3	20525	15	#0	16QAM	2.704	3.167	PASS
Band5	3	20635	15	#0	16QAM	2.709	3.223	PASS
Band5	5	20425	25	#0	QPSK	4.506	4.857	PASS
Band5	5	20525	25	#0	QPSK	4.513	4.875	PASS
Band5	5	20625	25	#0	QPSK	4.505	4.854	PASS
Band5	5	20425	25	#0	16QAM	4.522	5.334	PASS
Band5	5	20525	25	#0	16QAM	4.531	5.357	PASS
Band5	5	20625	25	#0	16QAM	4.552	5.5	PASS
Band5	10	20450	50	#0	QPSK	8.972	9.621	PASS
Band5	10	20525	50	#0	QPSK	8.975	9.637	PASS
Band5	10	20600	50	#0	QPSK	8.984	9.573	PASS



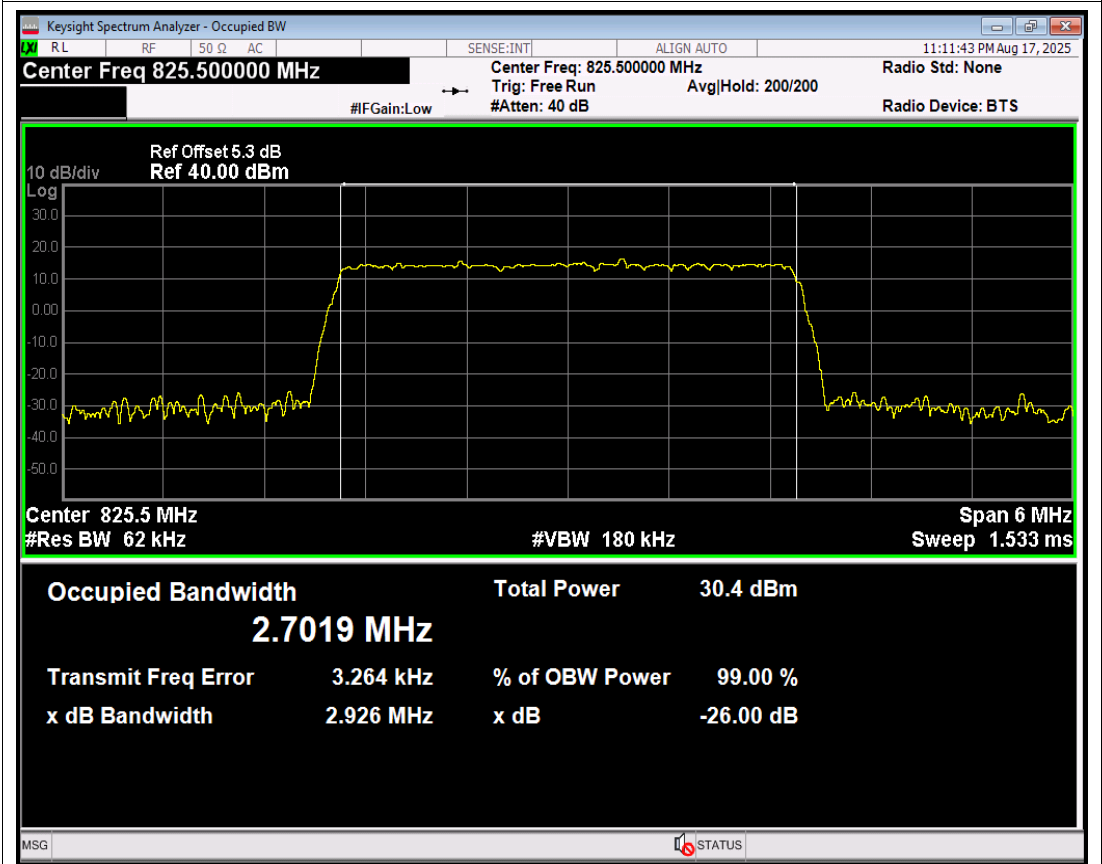
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



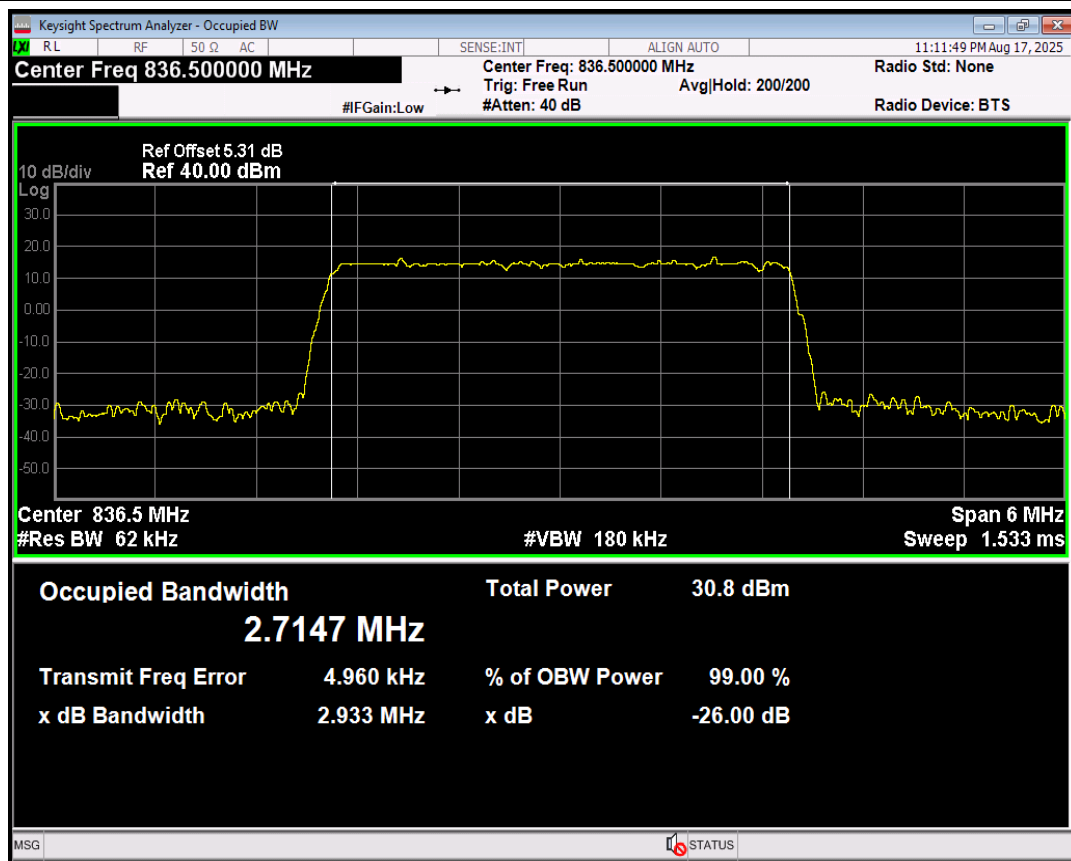
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



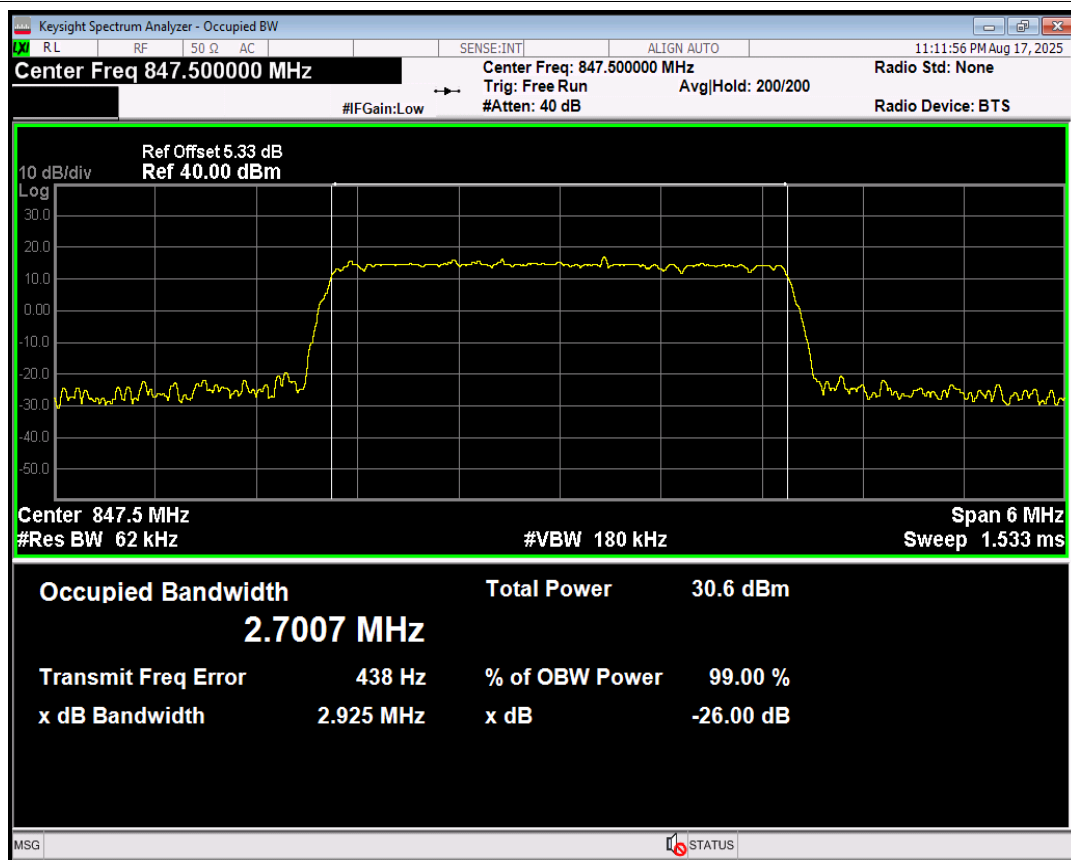
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



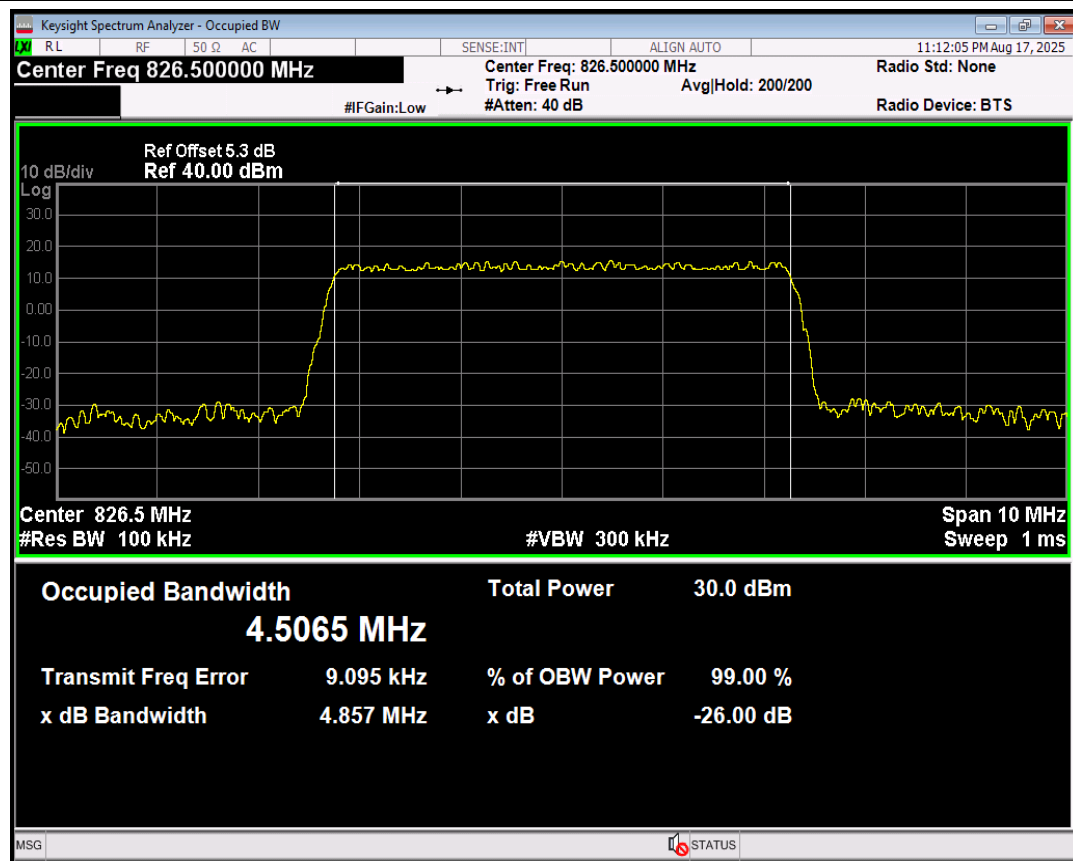
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



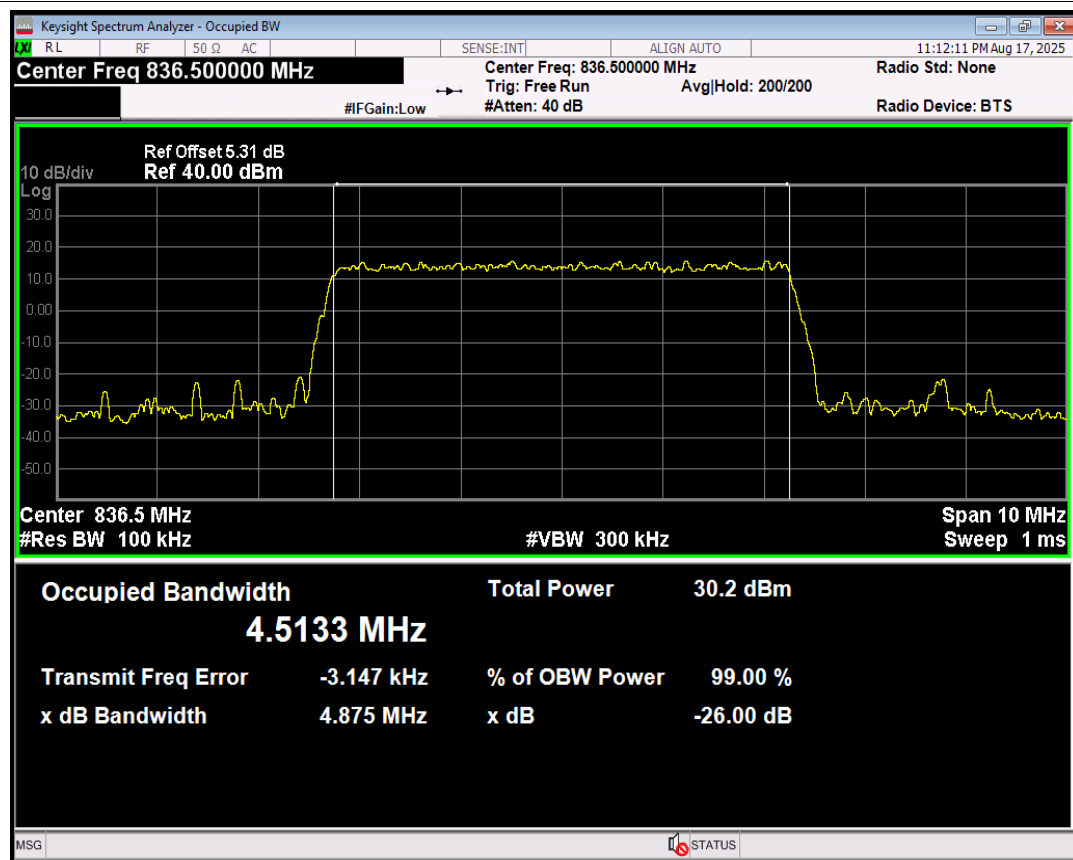
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



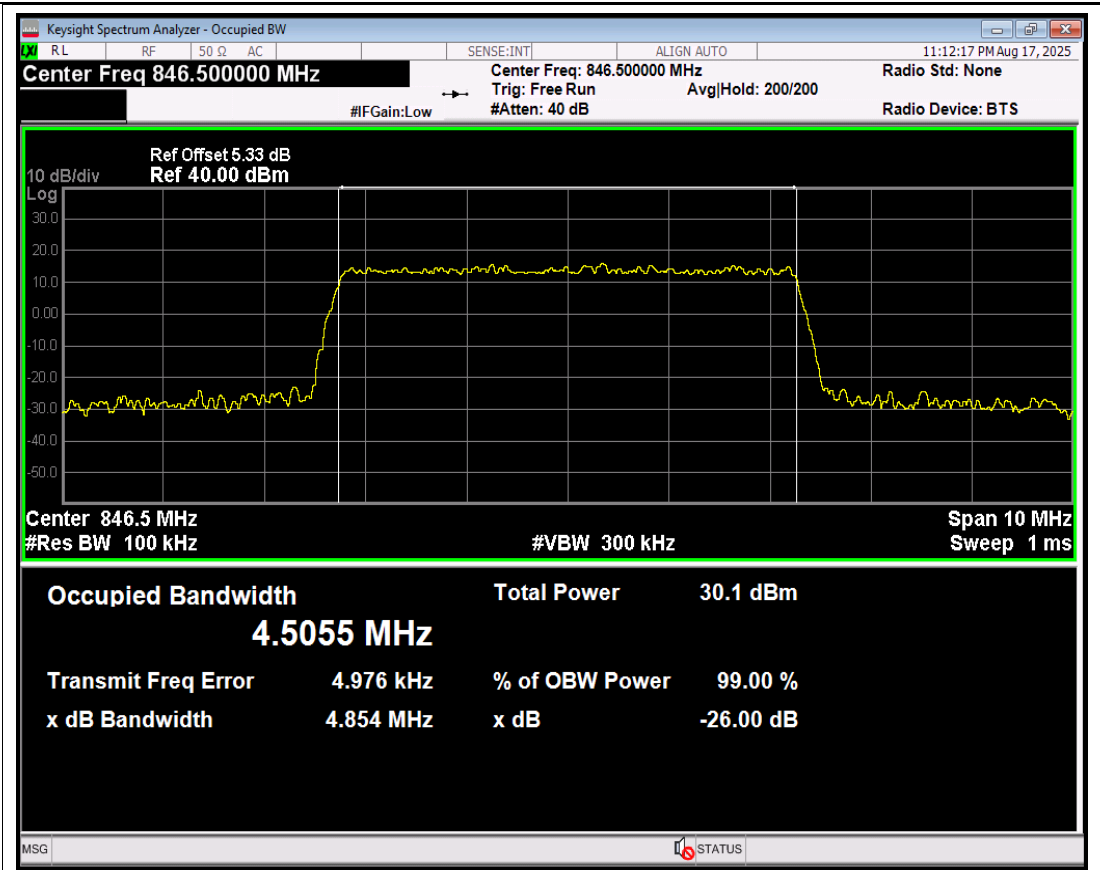
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



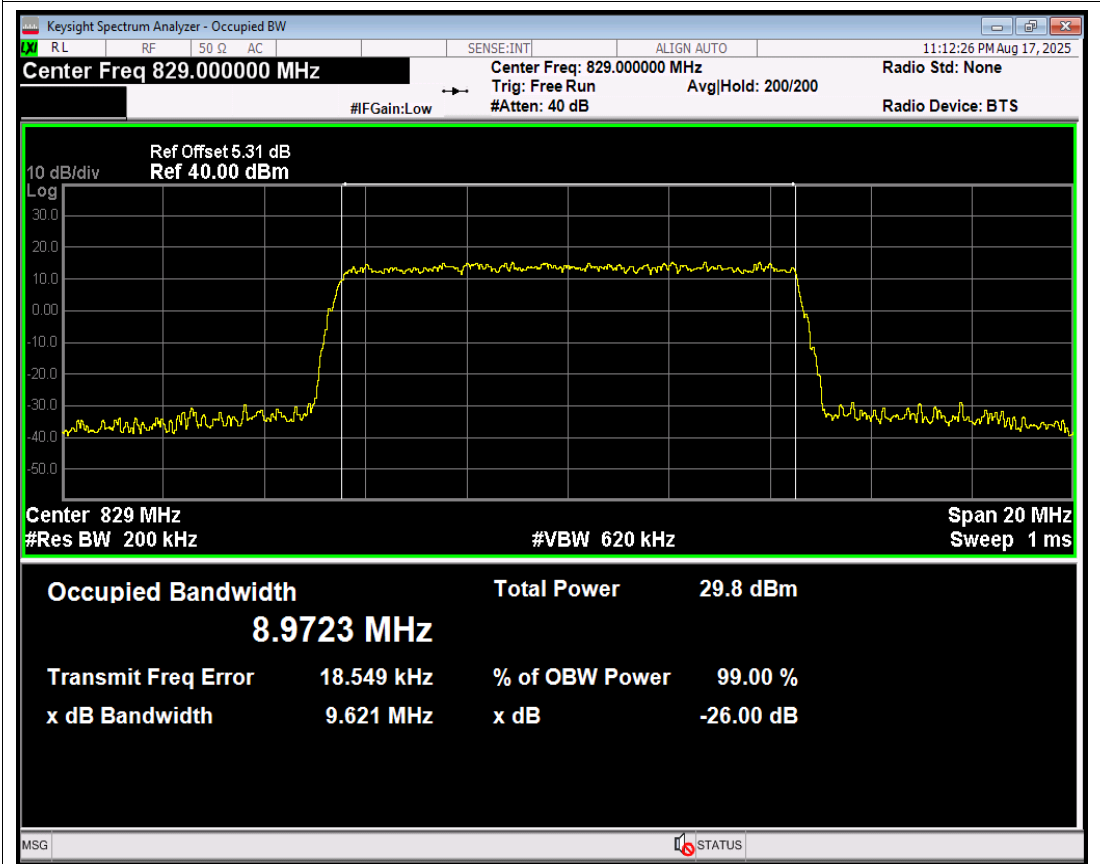
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



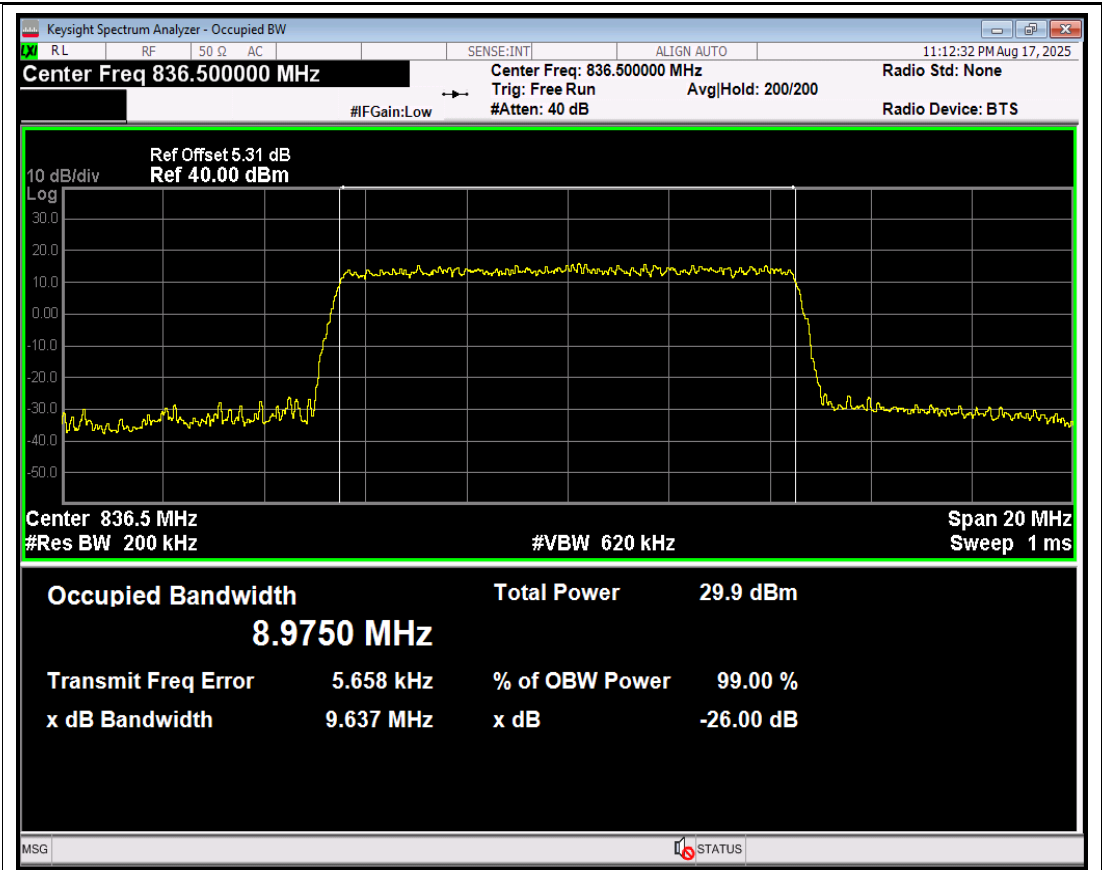
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



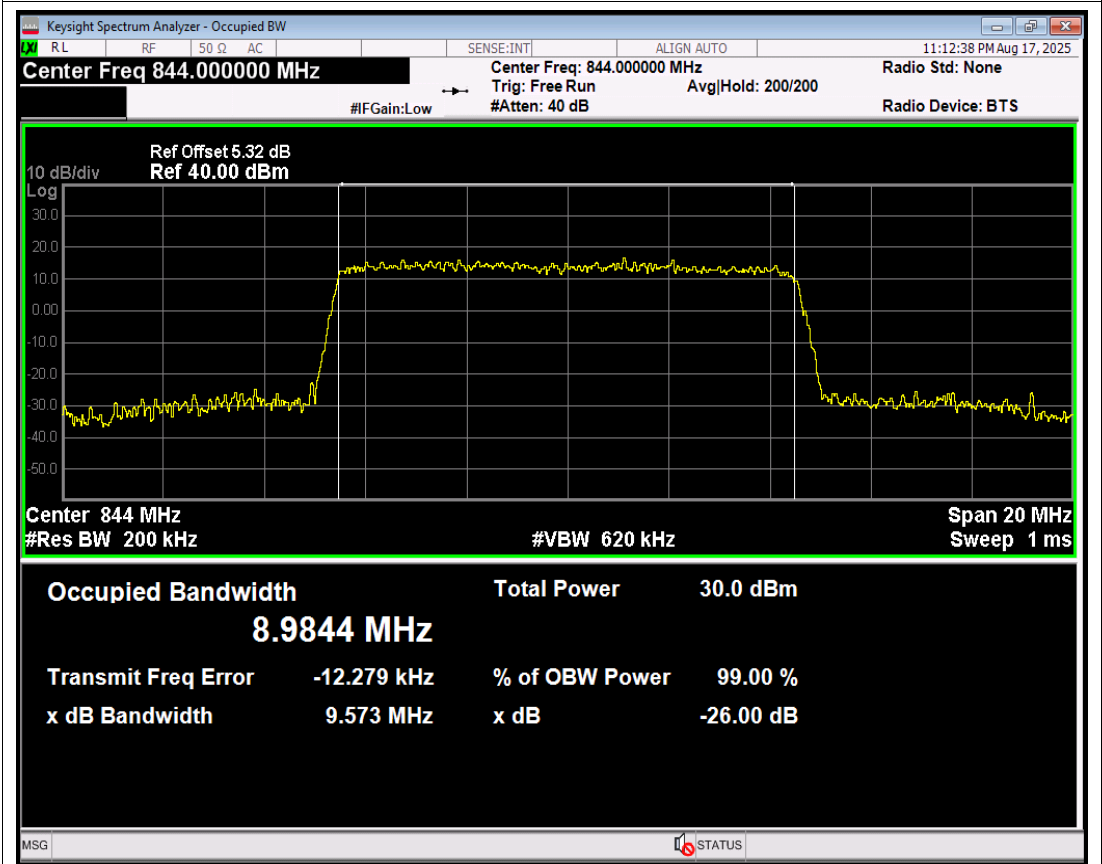
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



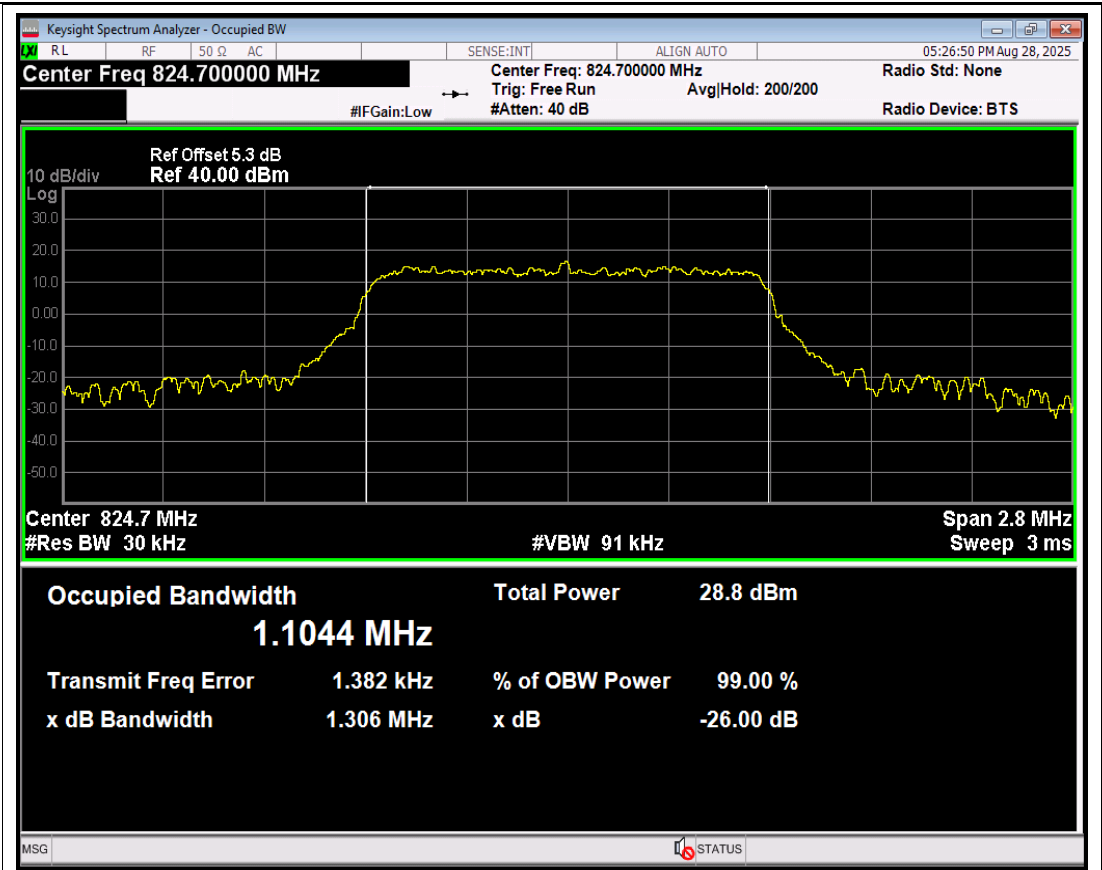
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



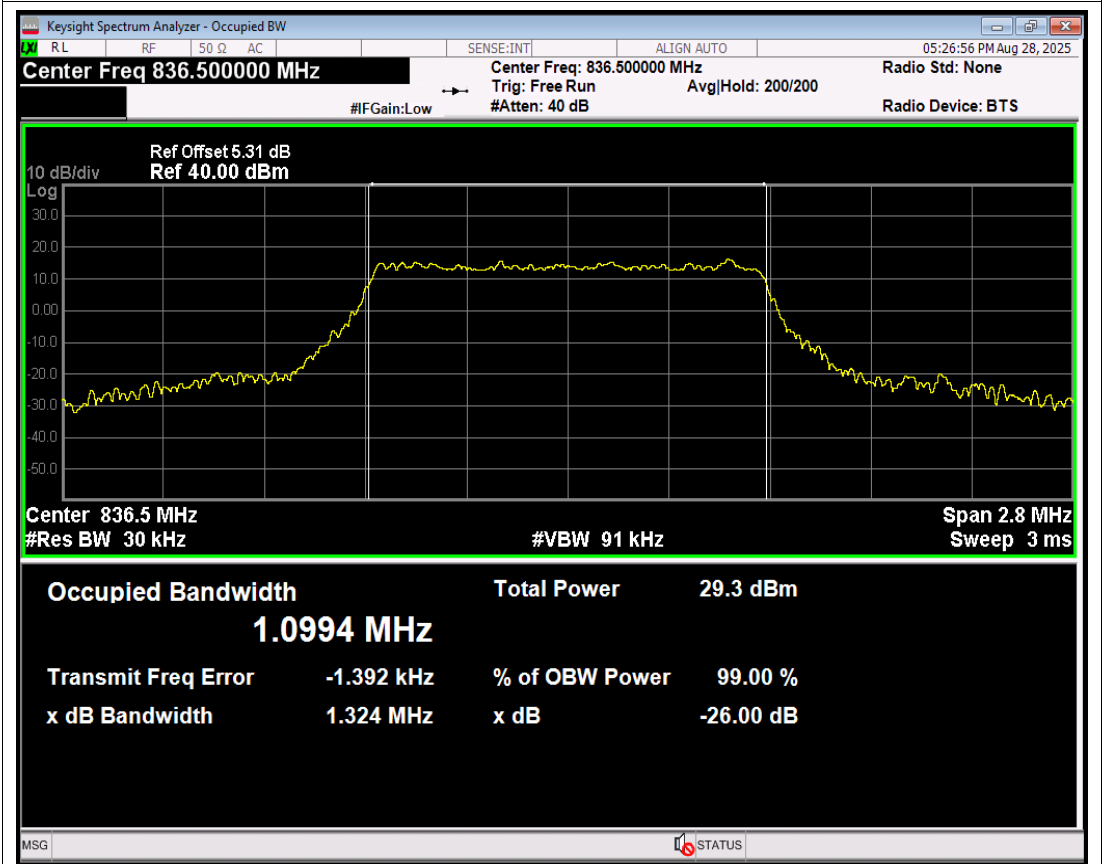
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



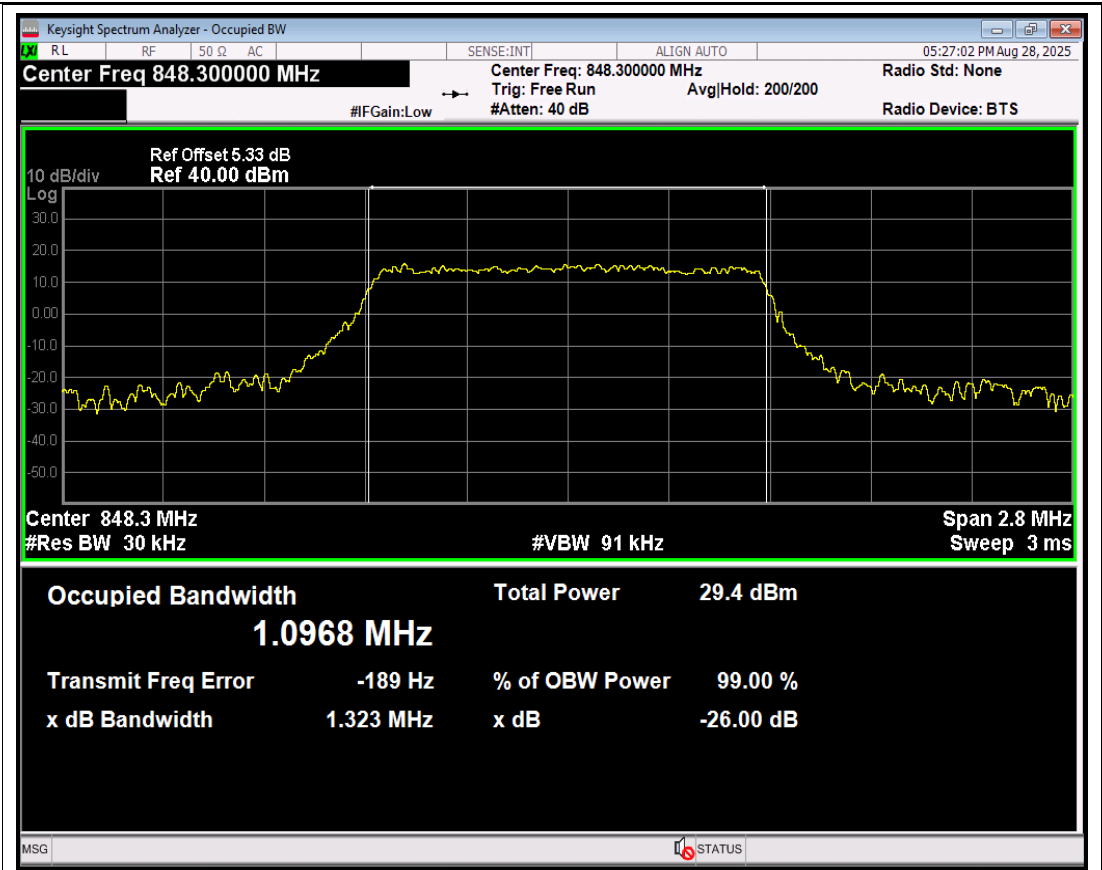
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



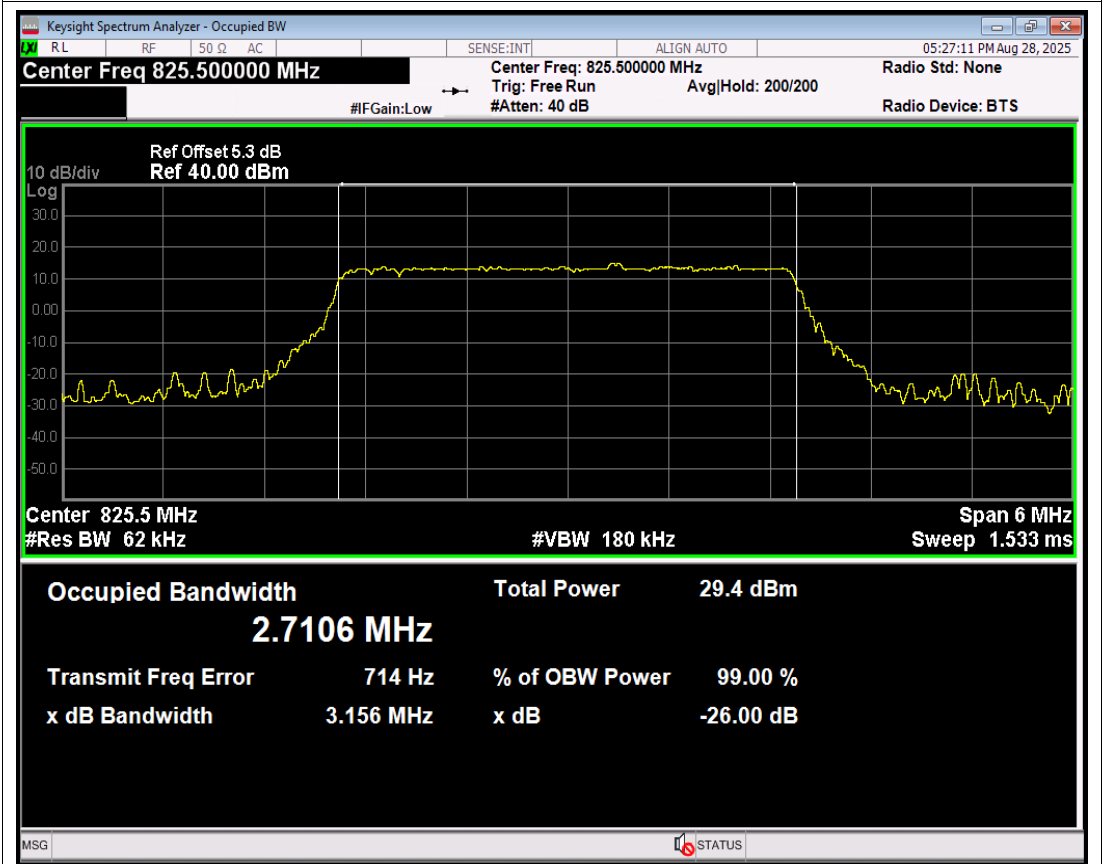
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



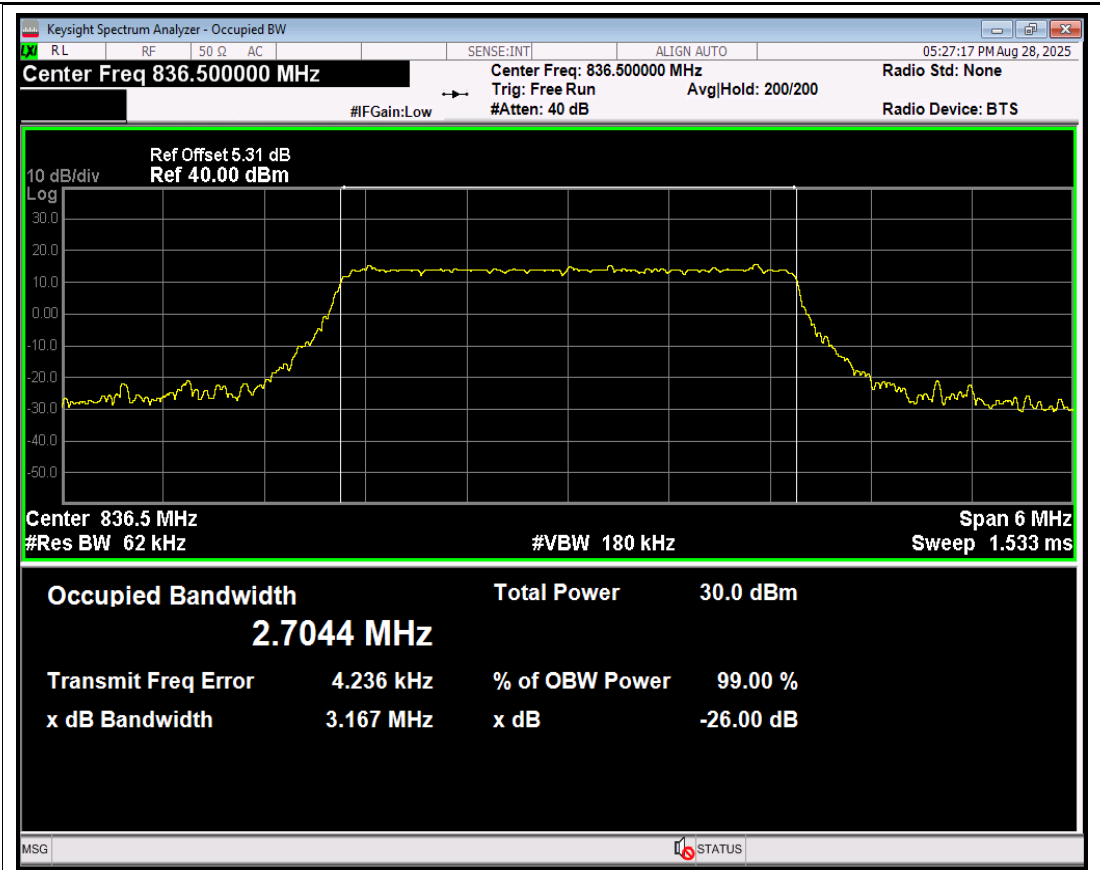
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



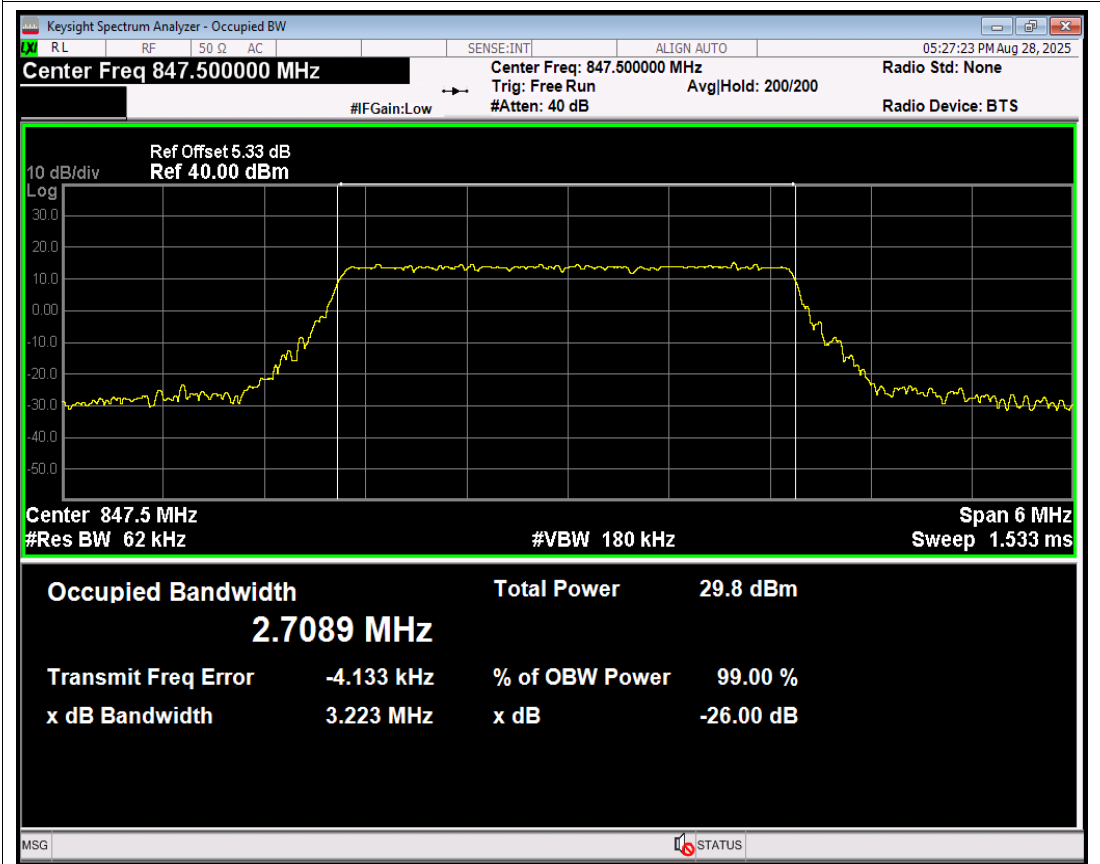
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



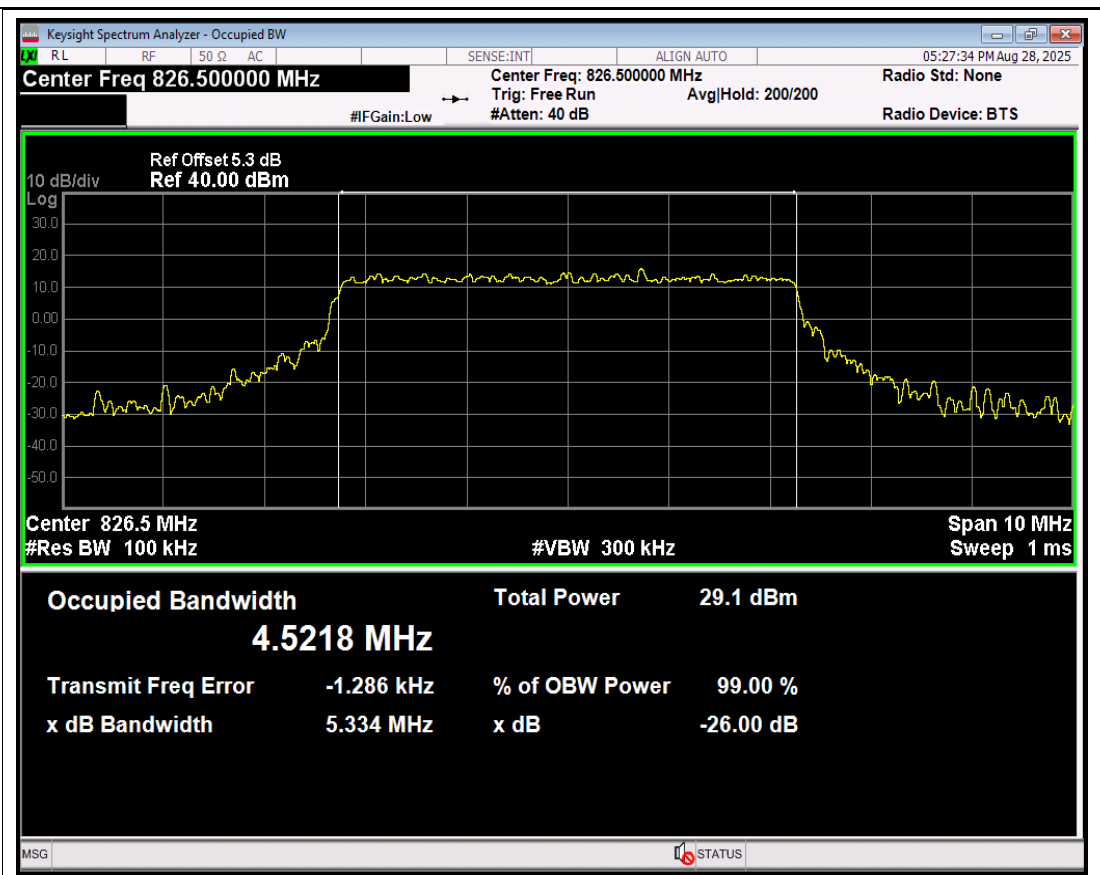
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



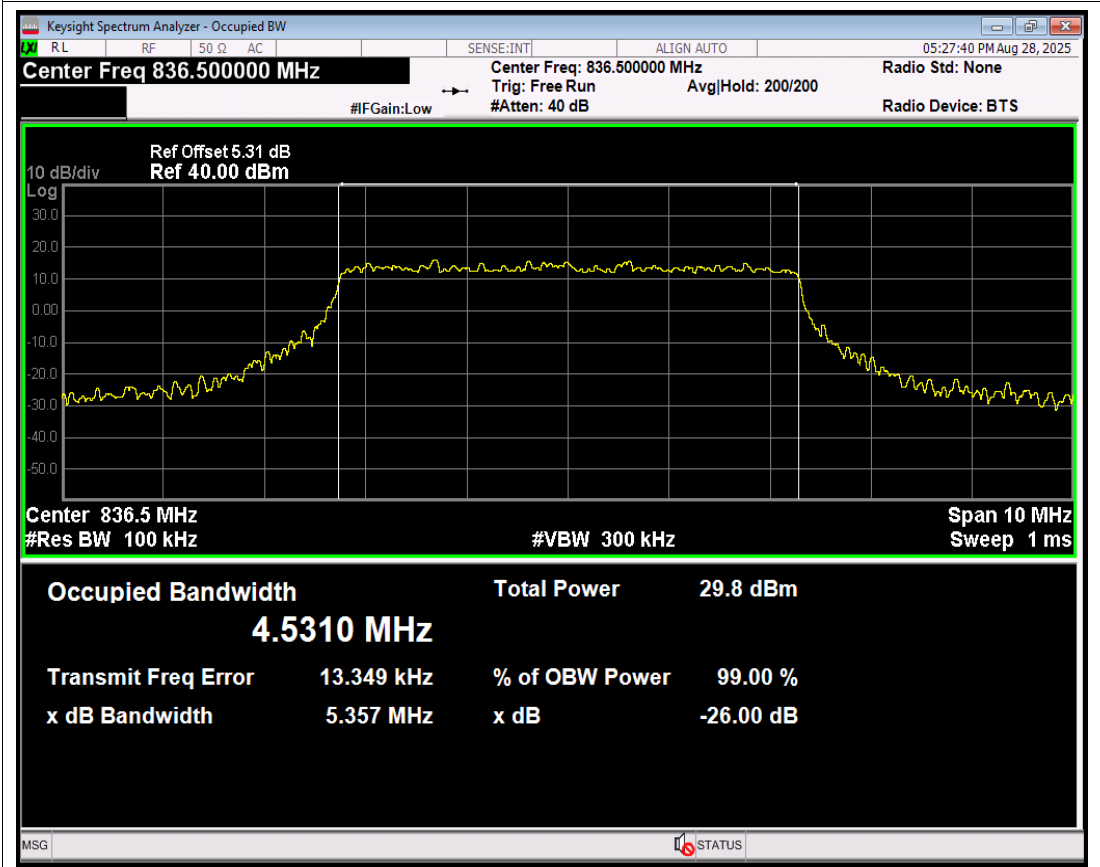
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



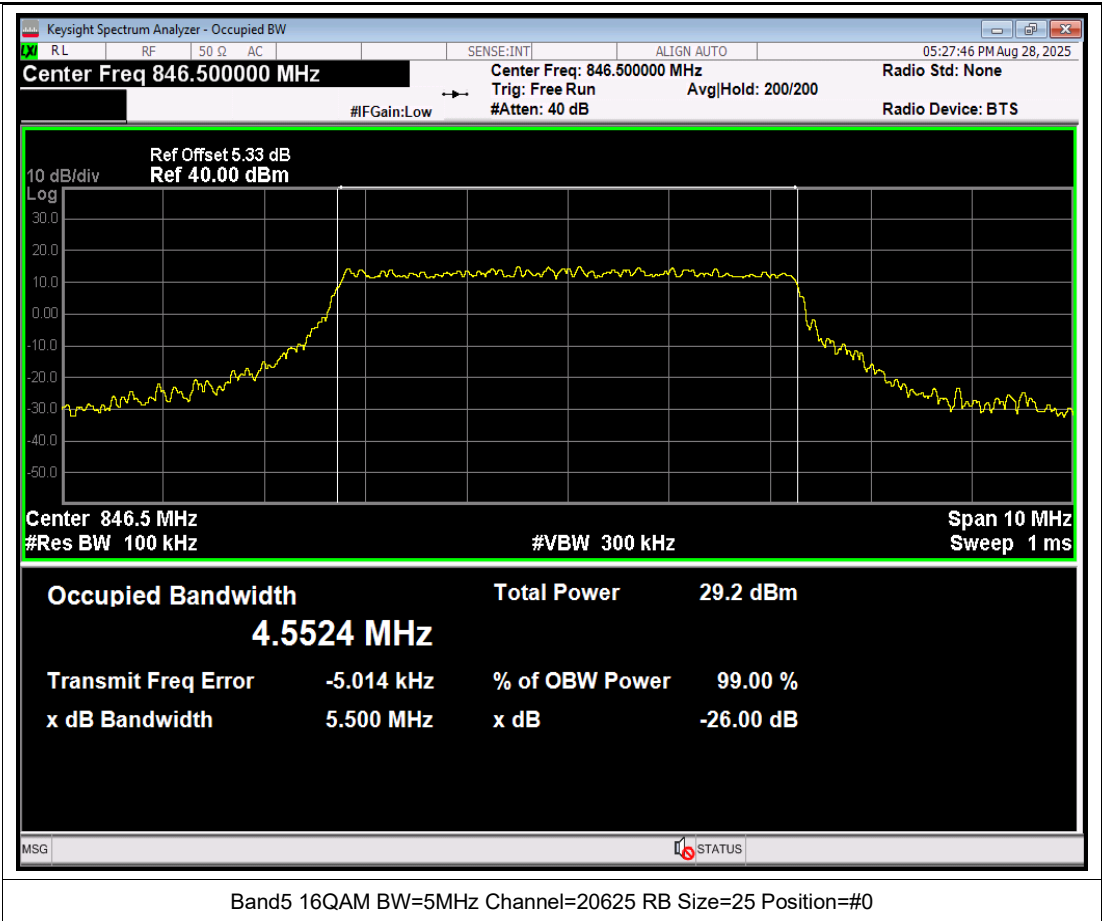
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



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

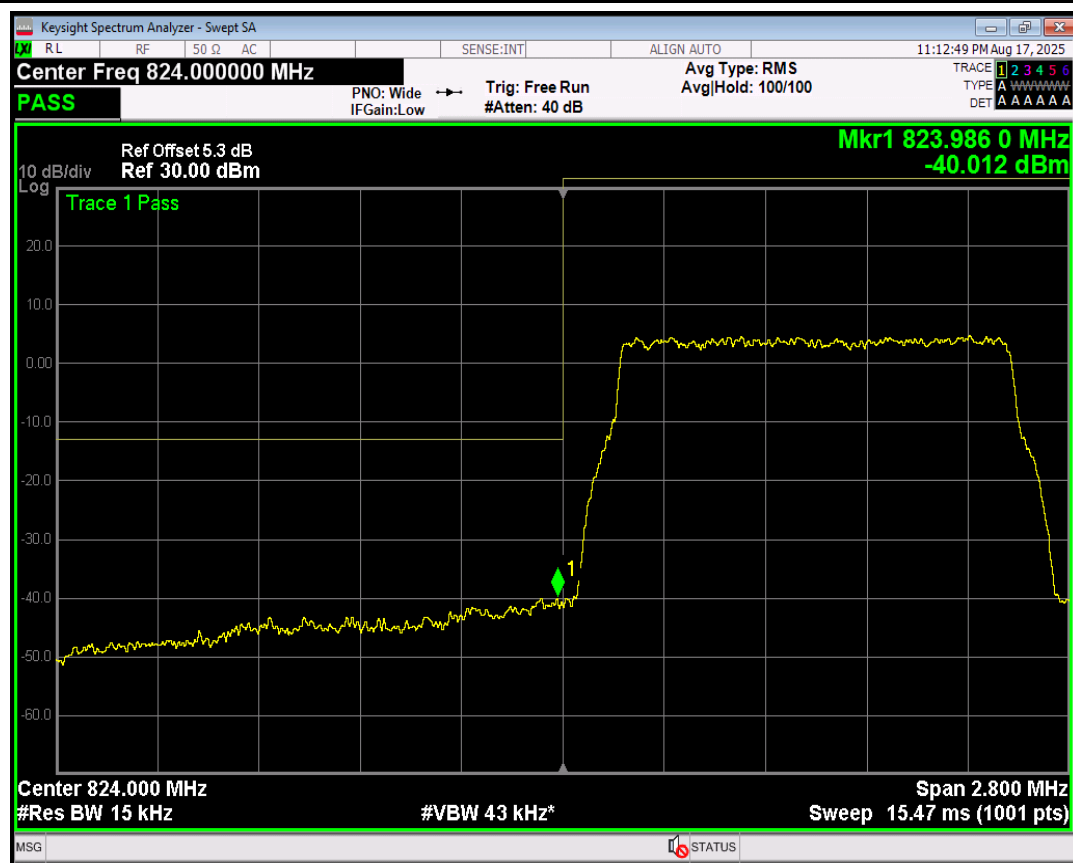


Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



Band edge

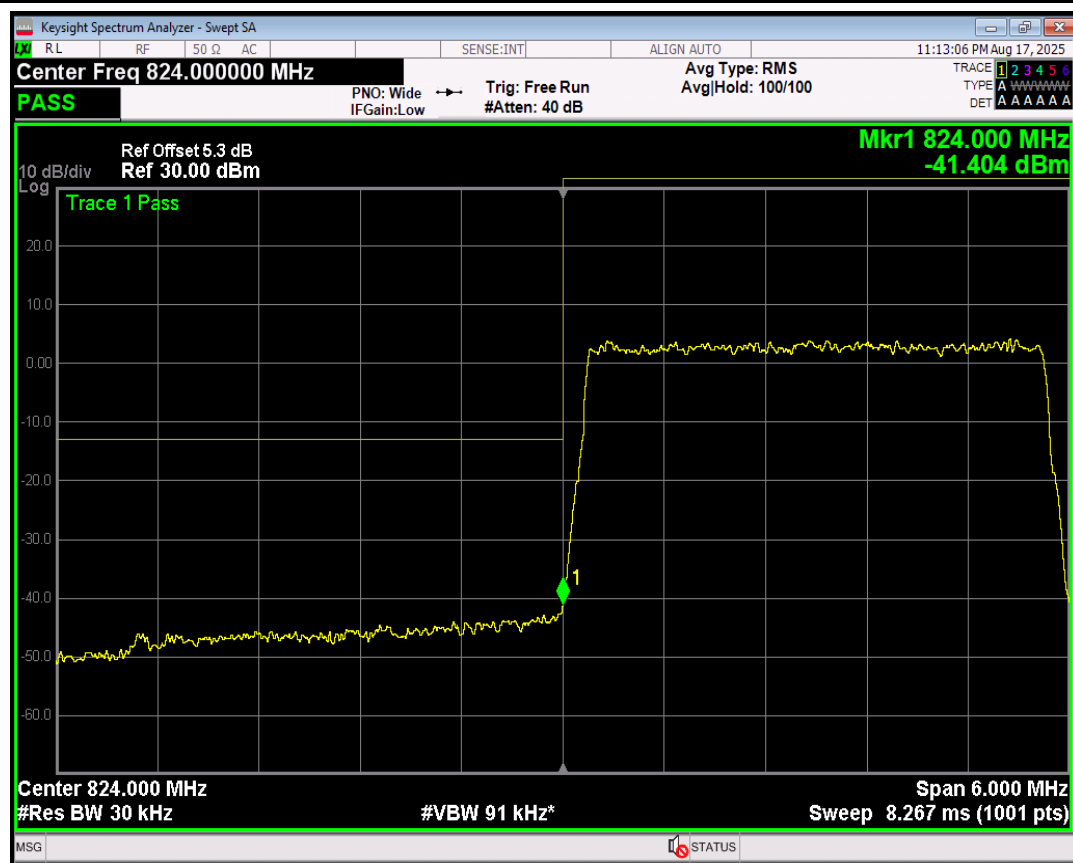
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band5	1.4	20407	6	#0	QPSK	823.99	-40.01	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.01	-33.17	-13	PASS
Band5	1.4	20407	6	#0	16QAM	824	-28.23	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.01	-29.16	-13	PASS
Band5	3	20415	15	#0	QPSK	824	-41.4	-13	PASS
Band5	3	20635	15	#0	QPSK	849	-36.22	-13	PASS
Band5	3	20415	15	#0	16QAM	824	-24.66	-13	PASS
Band5	3	20635	15	#0	16QAM	849	-25.36	-13	PASS
Band5	5	20425	25	#0	QPSK	824	-43.71	-13	PASS
Band5	5	20625	25	#0	QPSK	849.03	-37.12	-13	PASS
Band5	5	20425	25	#0	16QAM	823.99	-25.01	-13	PASS
Band5	5	20625	25	#0	16QAM	849	-24.85	-13	PASS
Band5	10	20450	50	#0	QPSK	823.92	-44.46	-13	PASS
Band5	10	20600	50	#0	QPSK	849	-38.76	-13	PASS



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



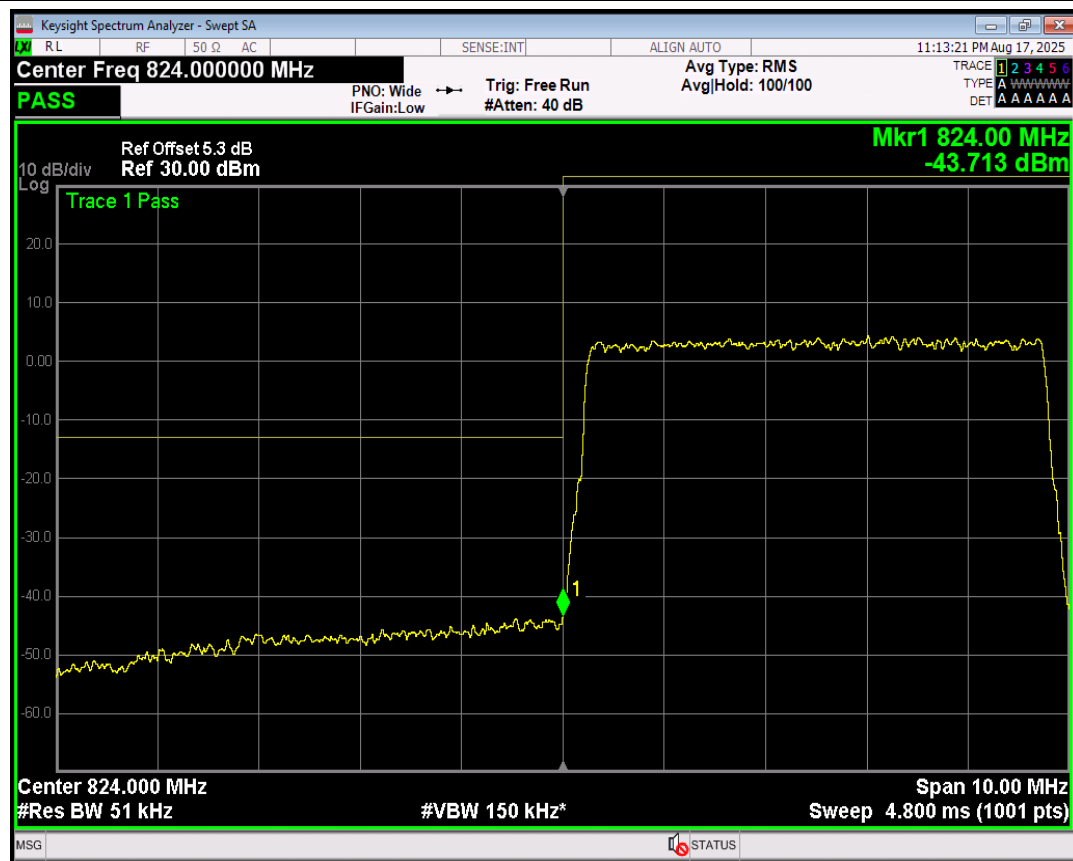
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



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



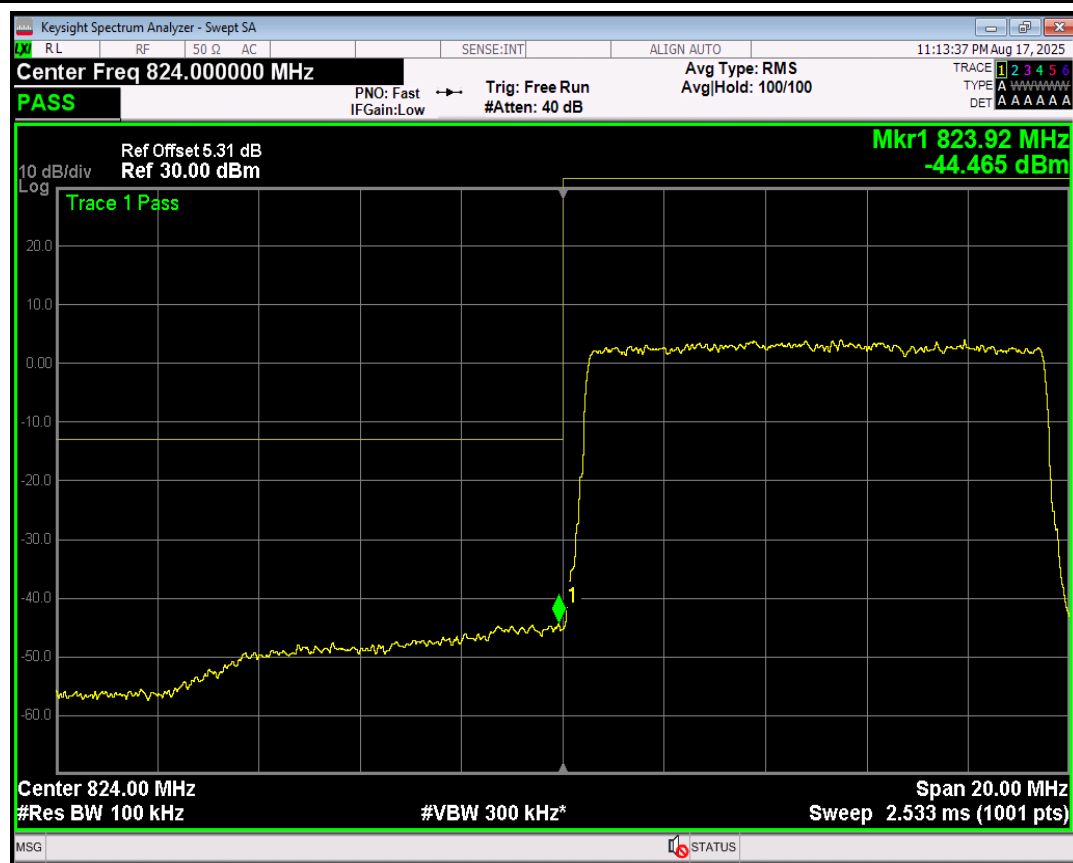
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



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



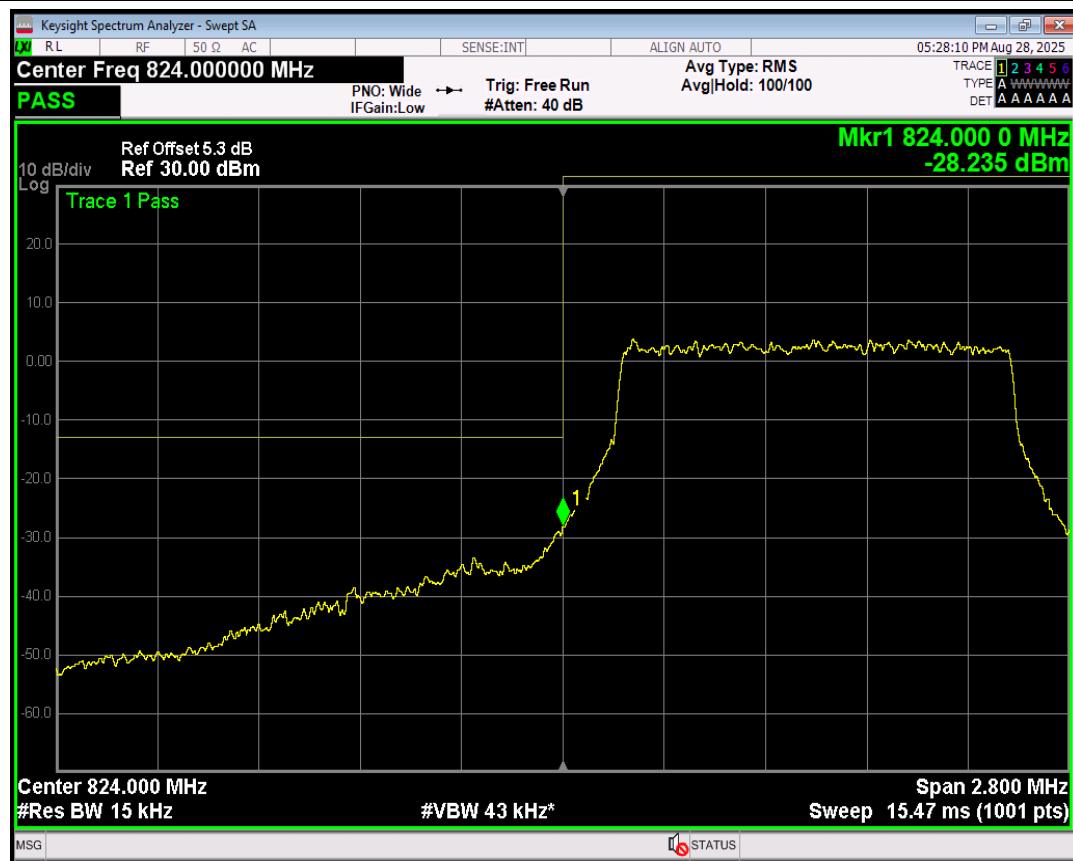
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



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



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



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



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



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



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



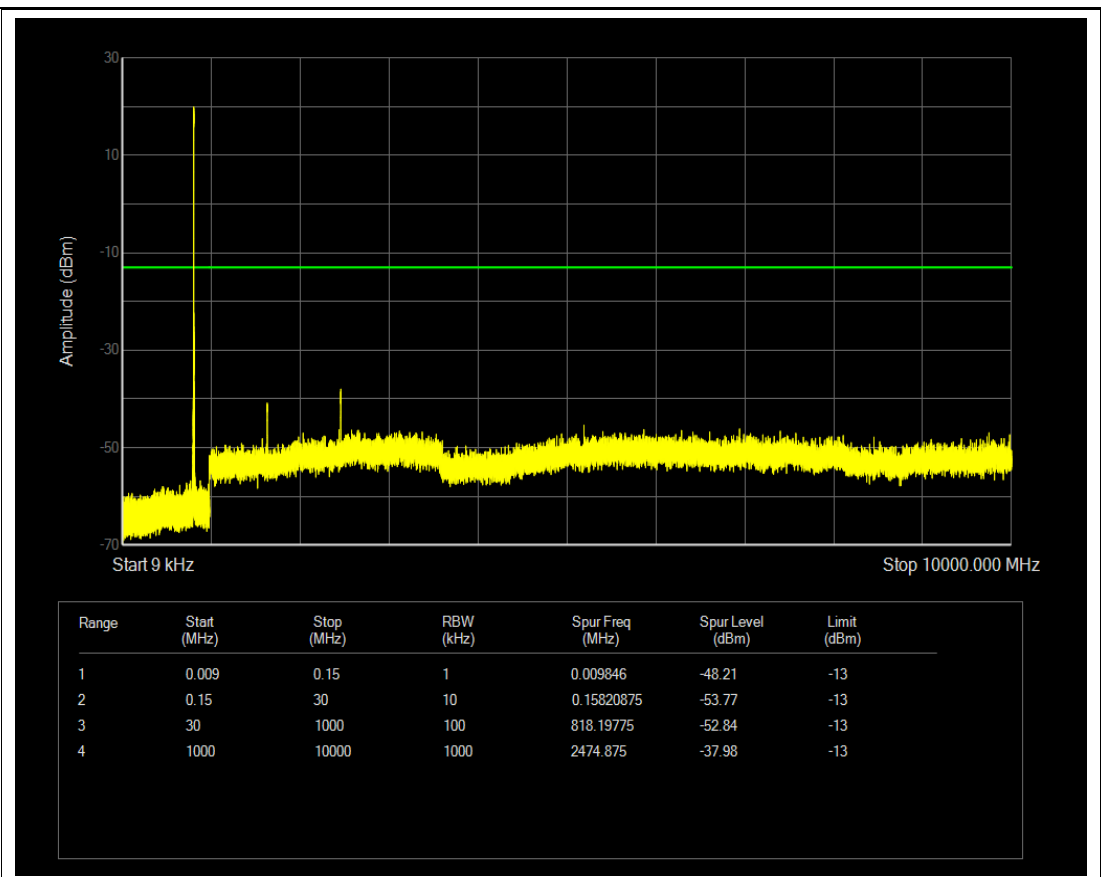
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



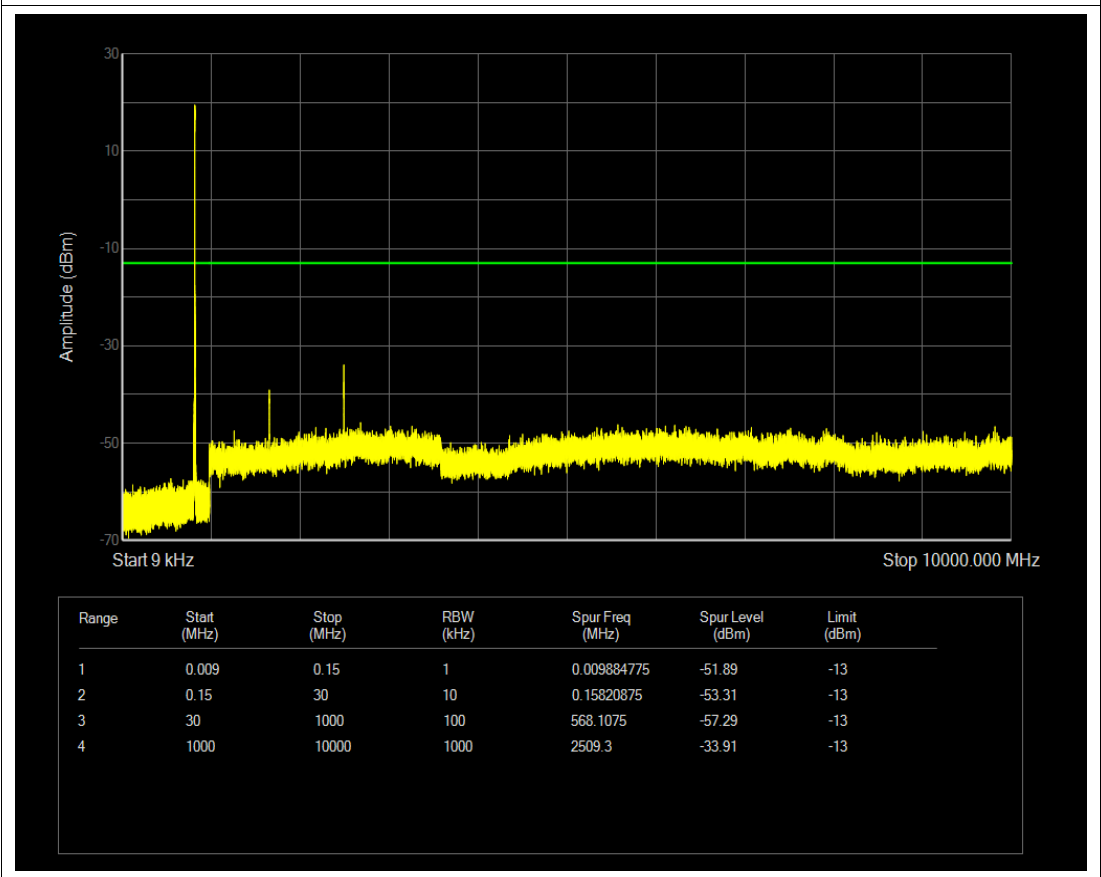
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0

Out-of-band emissions

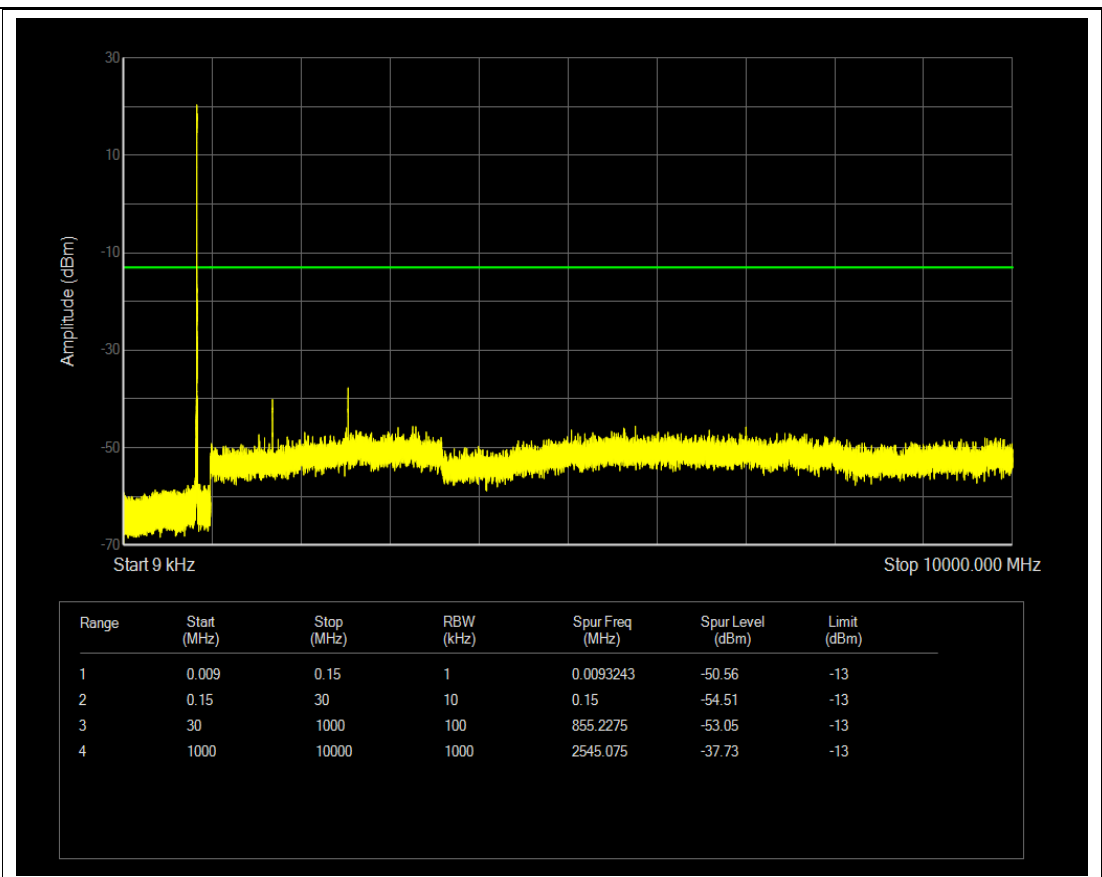
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band5	1.4	20407	6	#0	QPSK	2474.88	-37.98	-13	PASS
Band5	1.4	20525	6	#0	QPSK	2509.3	-33.91	-13	PASS
Band5	1.4	20643	6	#0	QPSK	2545.08	-37.73	-13	PASS
Band5	1.4	20407	6	#0	16QAM	2473.98	-38.49	-13	PASS
Band5	1.4	20525	6	#0	16QAM	2510.43	-36.78	-13	PASS
Band5	1.4	20643	6	#0	16QAM	1696.83	-39.09	-13	PASS
Band5	3	20415	15	#0	QPSK	2476.68	-41.53	-13	PASS
Band5	3	20525	15	#0	QPSK	2508.63	-39.28	-13	PASS
Band5	3	20635	15	#0	QPSK	2542.83	-40.7	-13	PASS
Band5	3	20415	15	#0	16QAM	1652.73	-43.48	-13	PASS
Band5	3	20525	15	#0	16QAM	1672.98	-40.99	-13	PASS
Band5	3	20635	15	#0	16QAM	2543.28	-41.92	-13	PASS
Band5	5	20425	25	#0	QPSK	1653.18	-43.95	-13	PASS
Band5	5	20525	25	#0	QPSK	2510.88	-42.24	-13	PASS
Band5	5	20625	25	#0	QPSK	2538.55	-42.18	-13	PASS
Band5	5	20425	25	#0	16QAM	1650.7	-43.92	-13	PASS
Band5	5	20525	25	#0	16QAM	1675.23	-42.11	-13	PASS
Band5	5	20625	25	#0	16QAM	2537.88	-44.63	-13	PASS
Band5	10	20450	50	#0	QPSK	1660.6	-44.9	-13	PASS
Band5	10	20525	50	#0	QPSK	2510.65	-43.56	-13	PASS
Band5	10	20600	50	#0	QPSK	2532.25	-44.55	-13	PASS



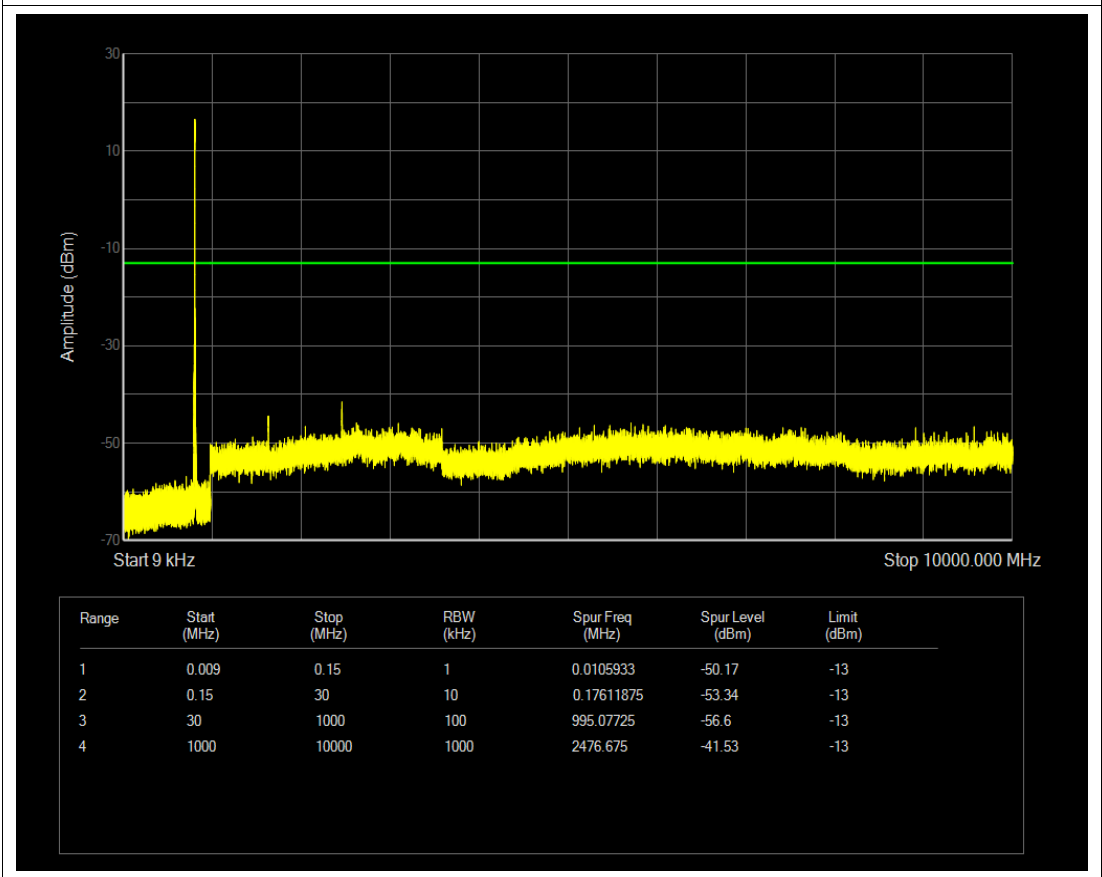
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



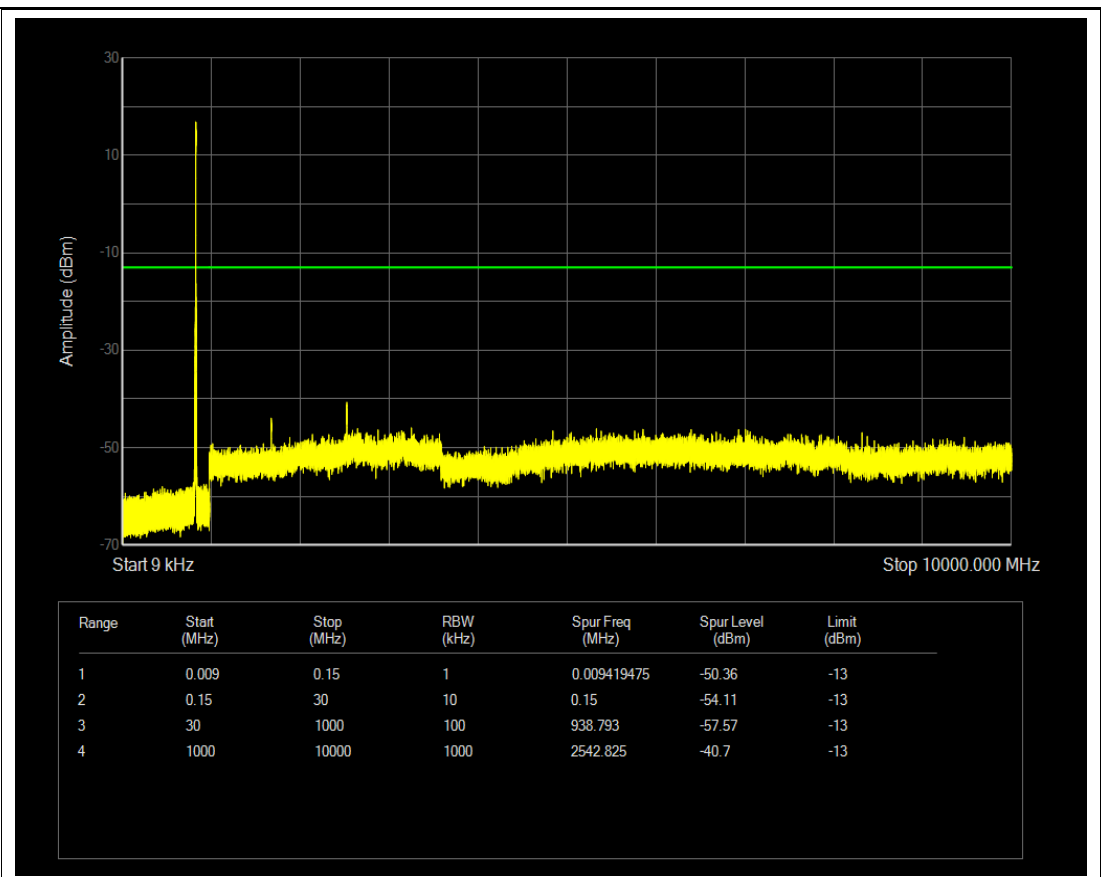
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



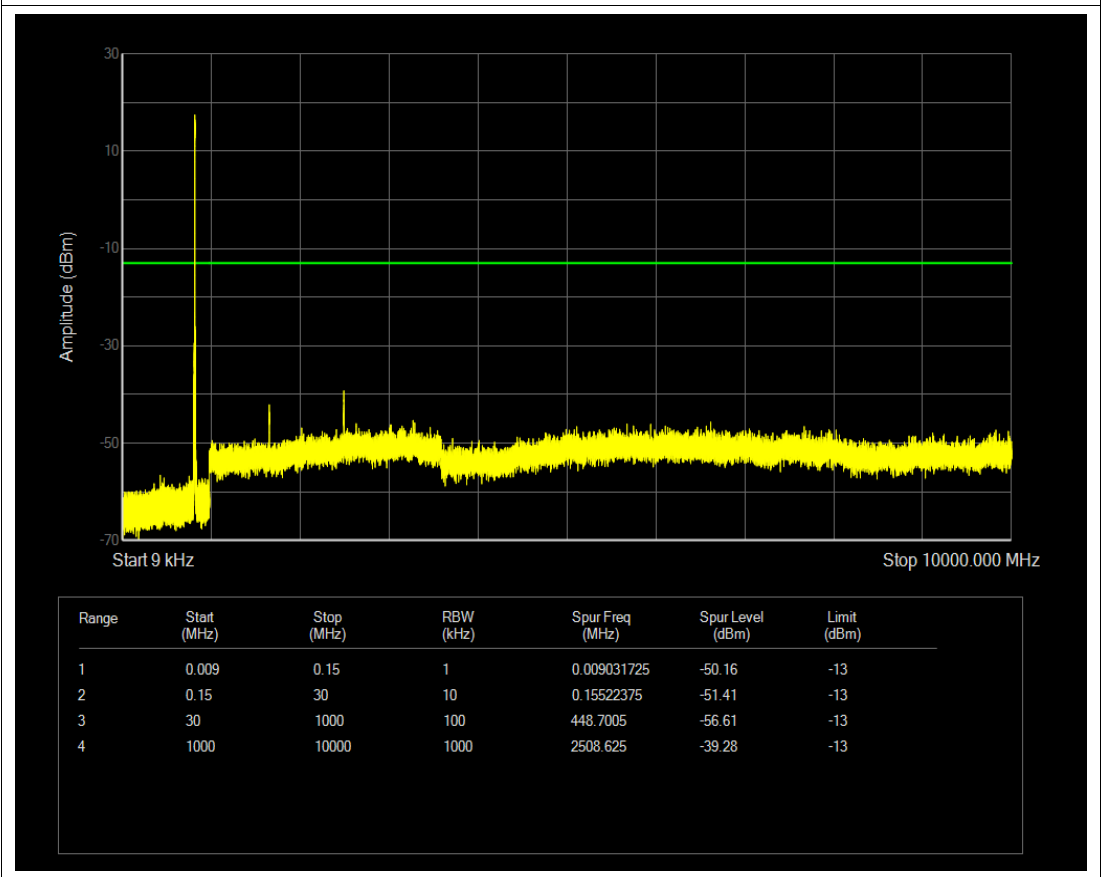
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



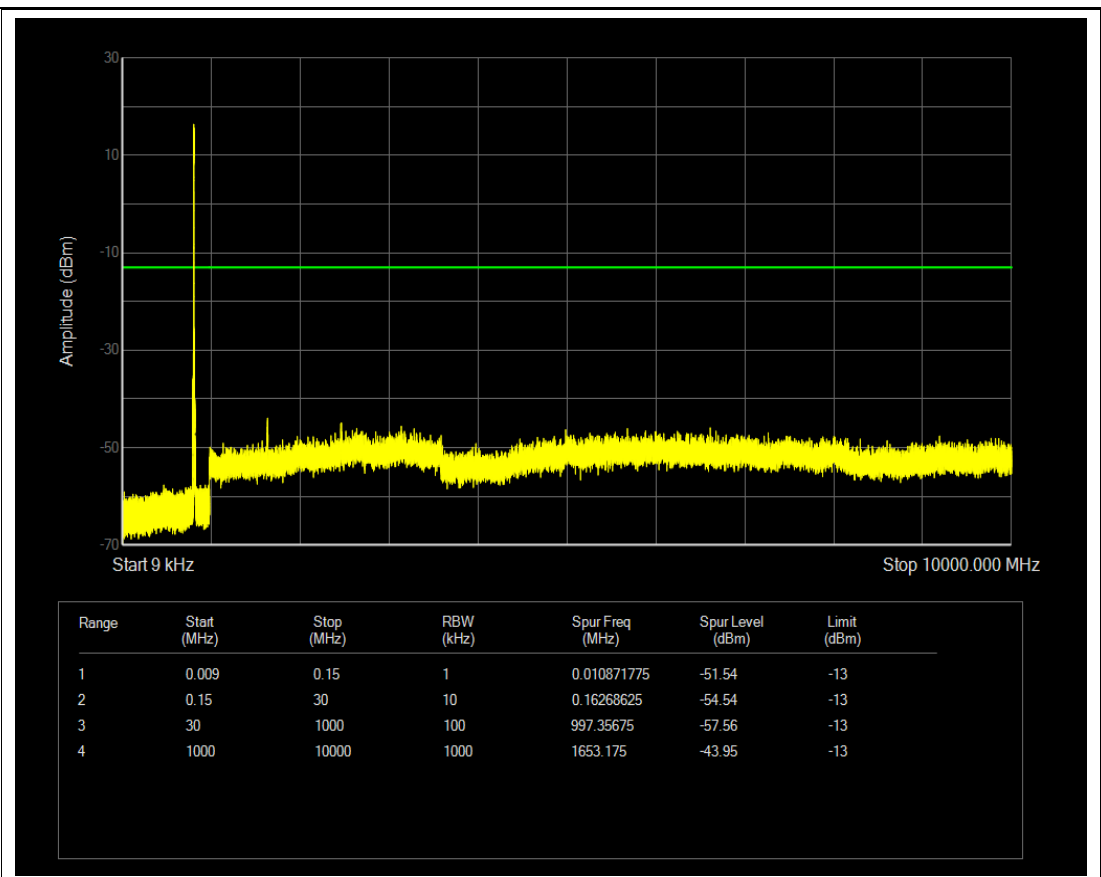
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



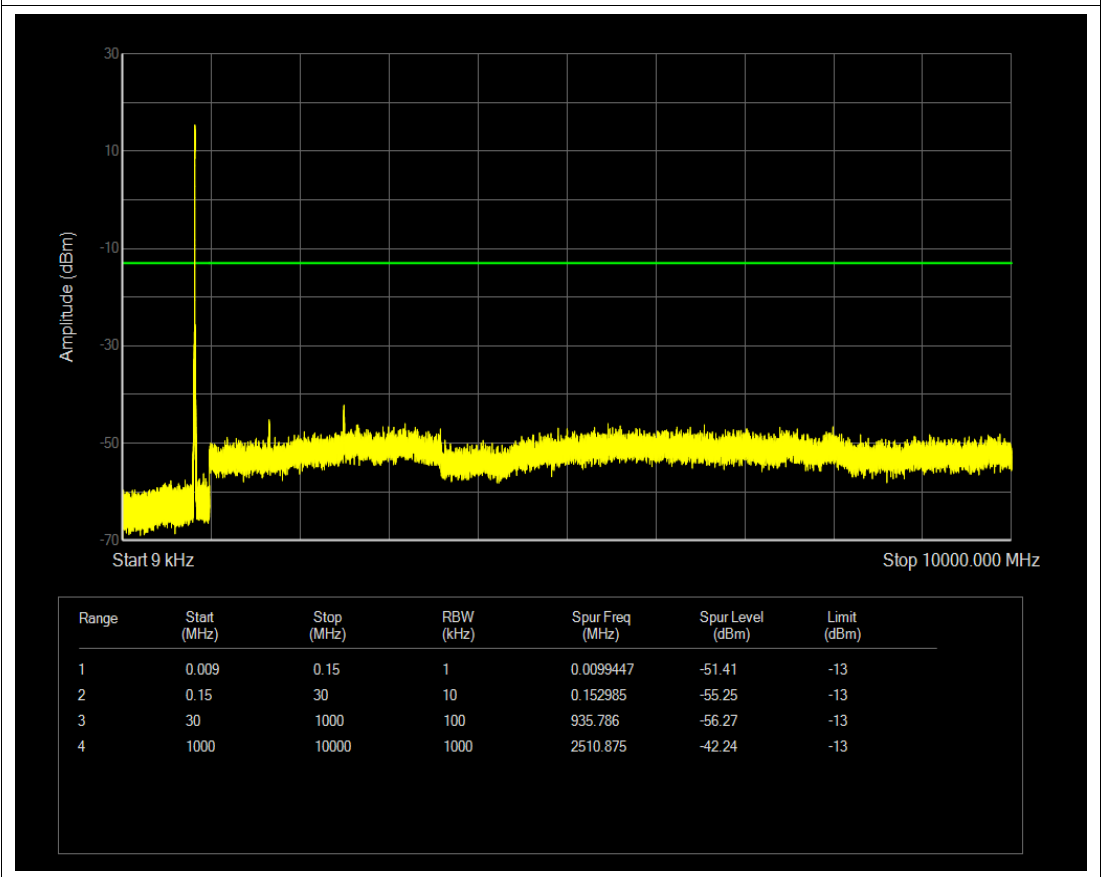
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



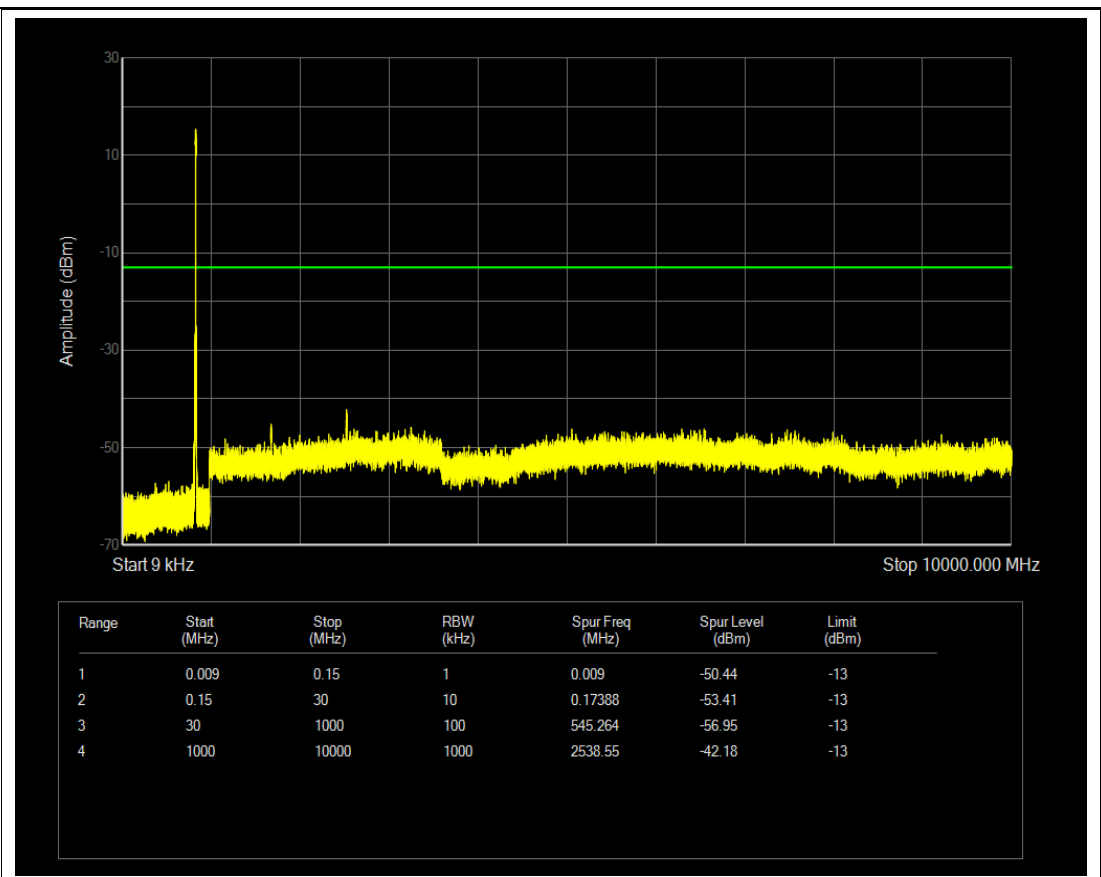
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



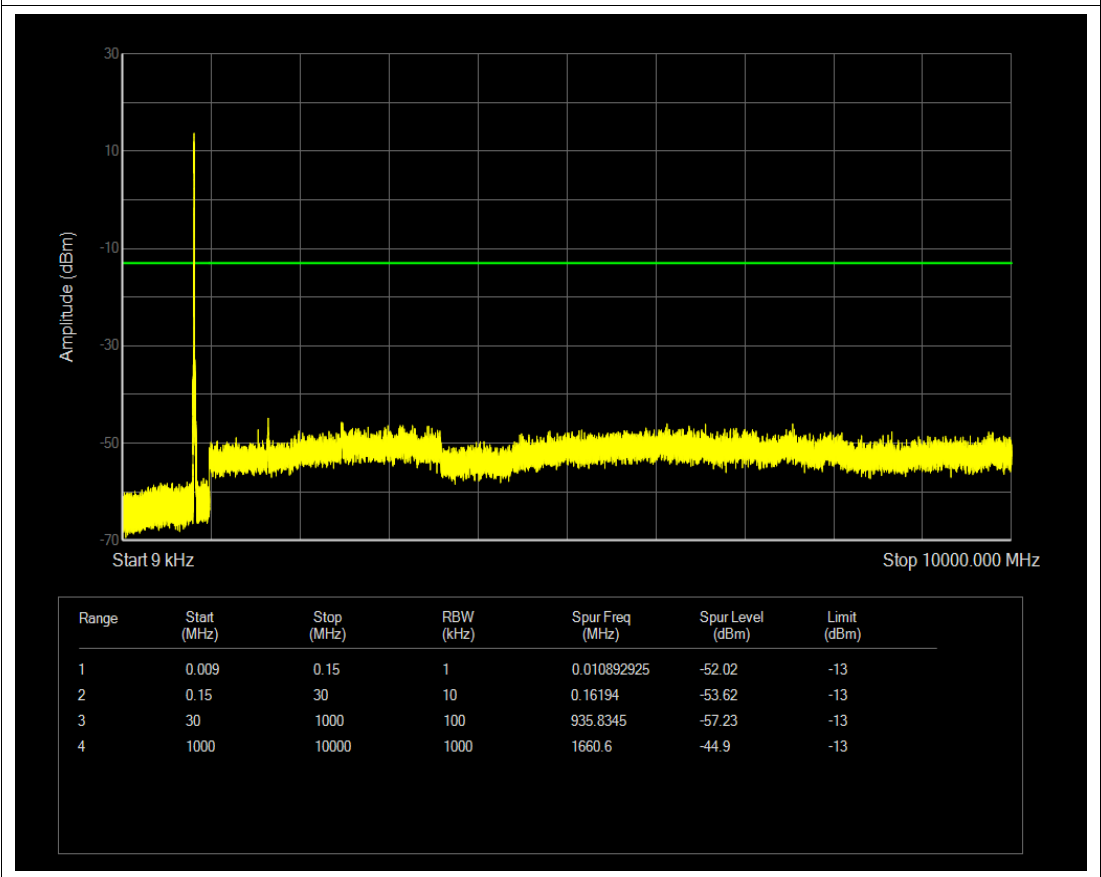
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



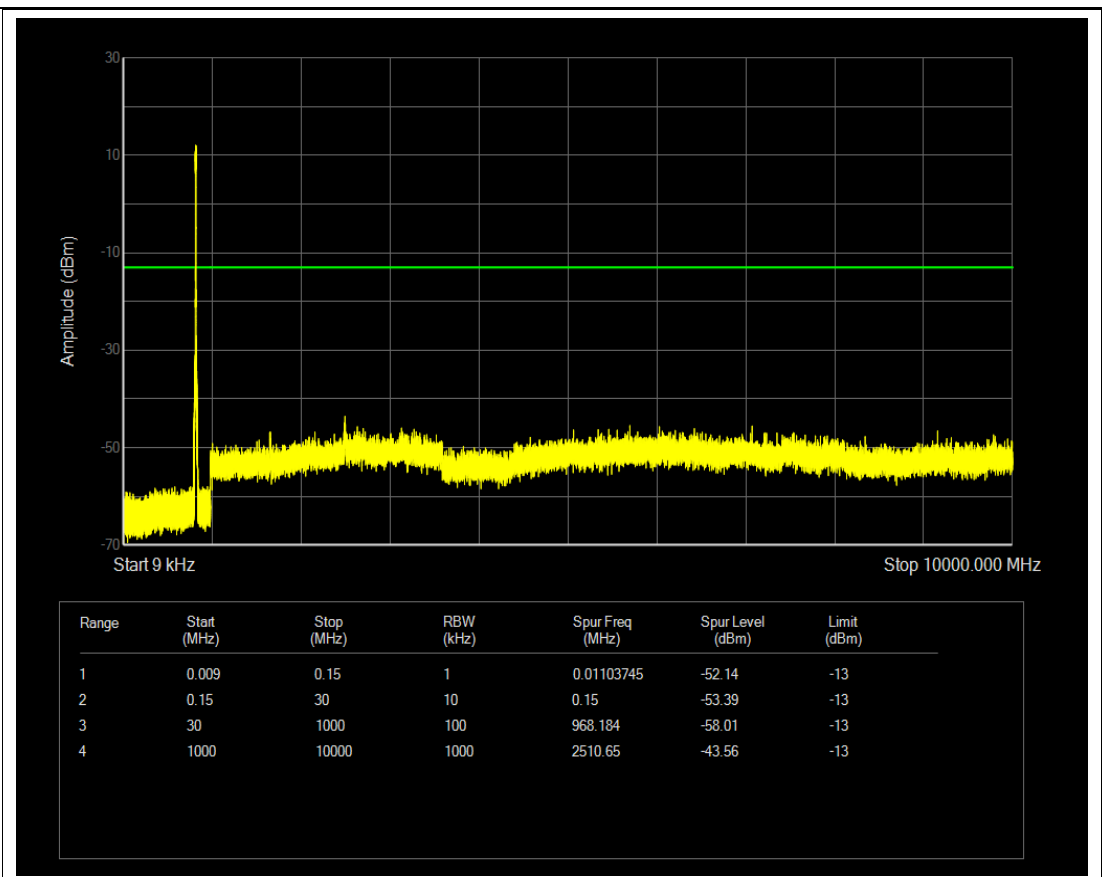
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



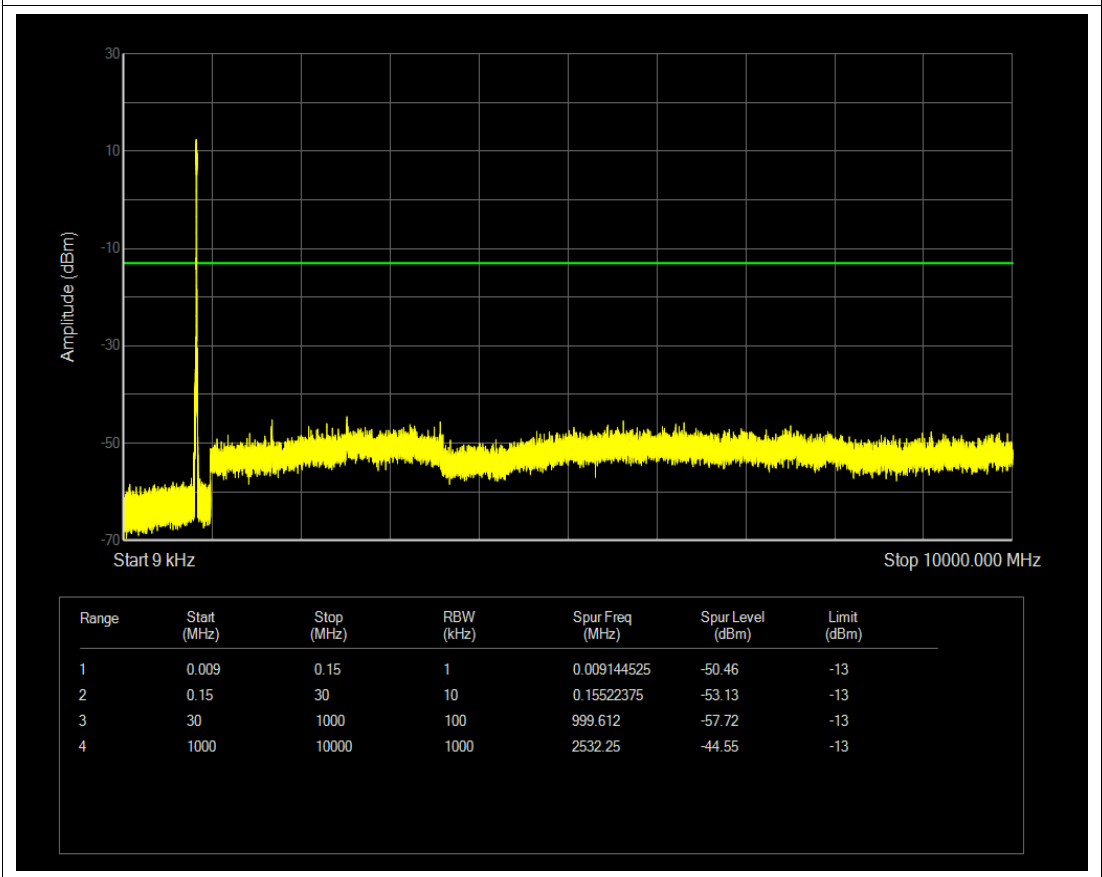
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



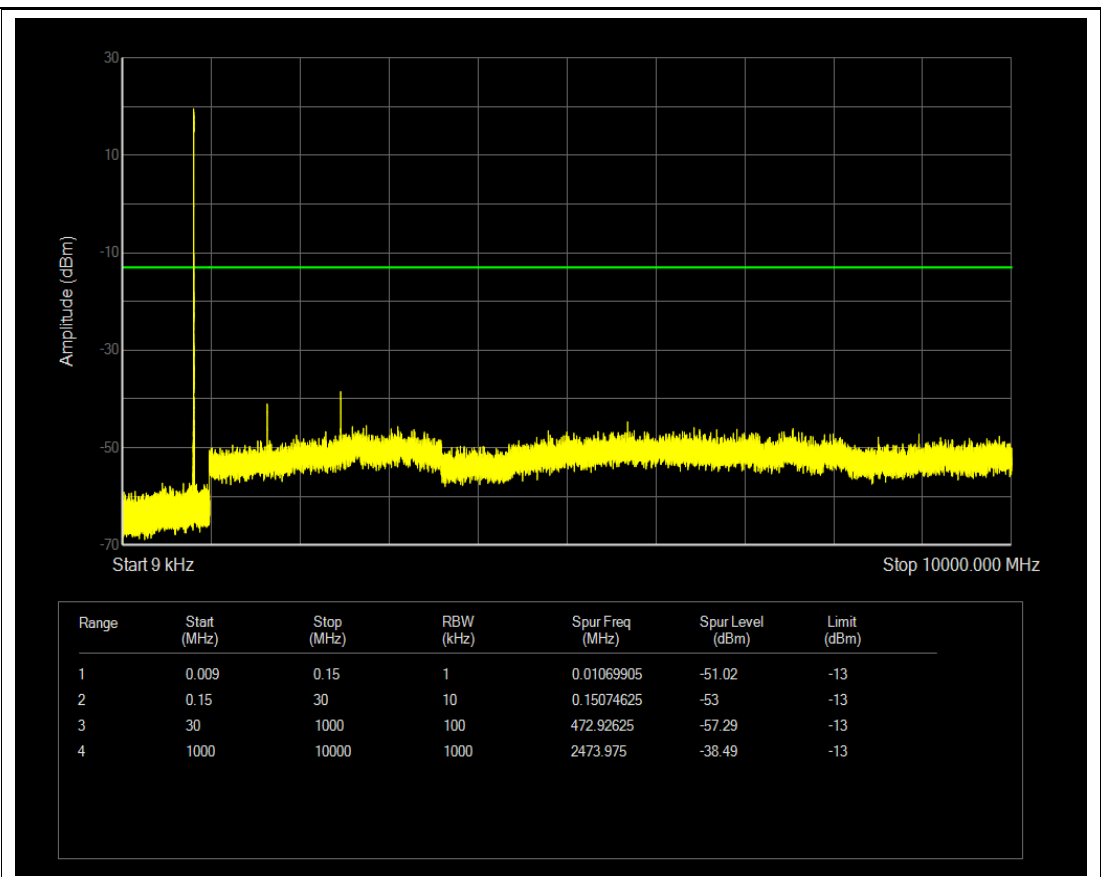
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



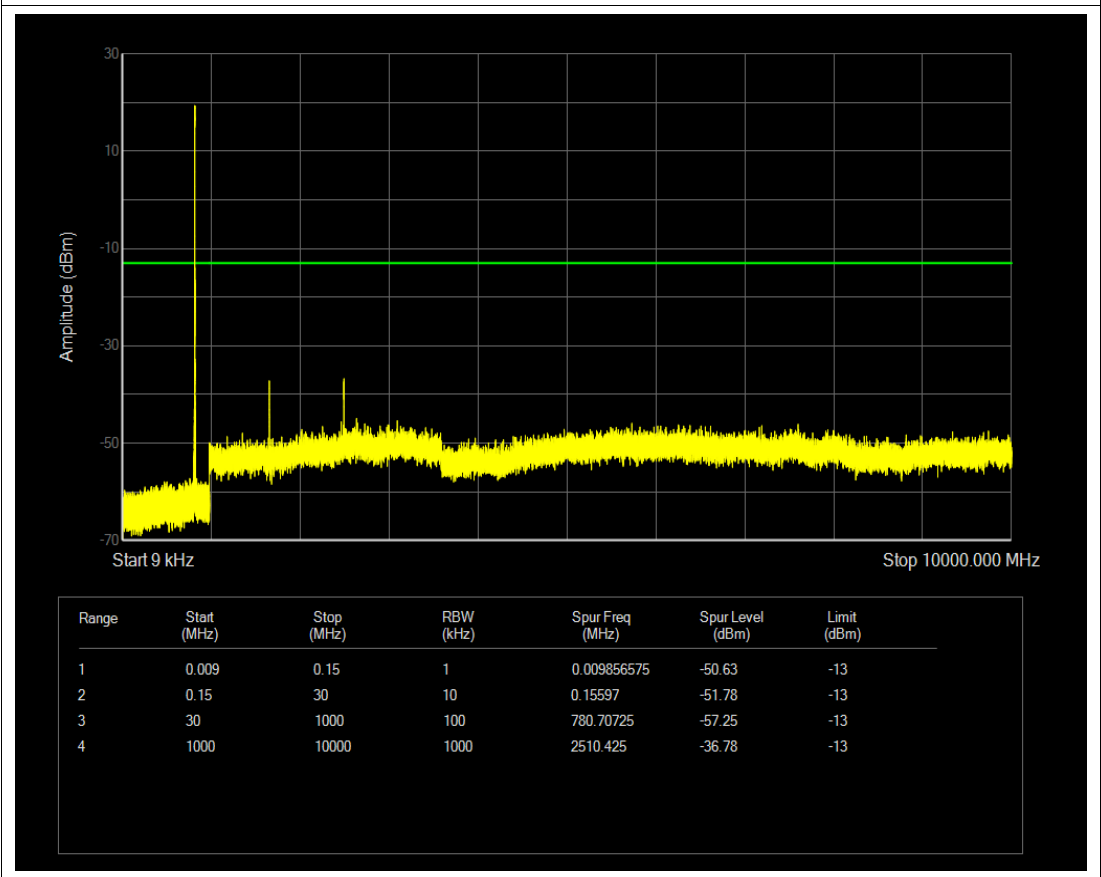
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



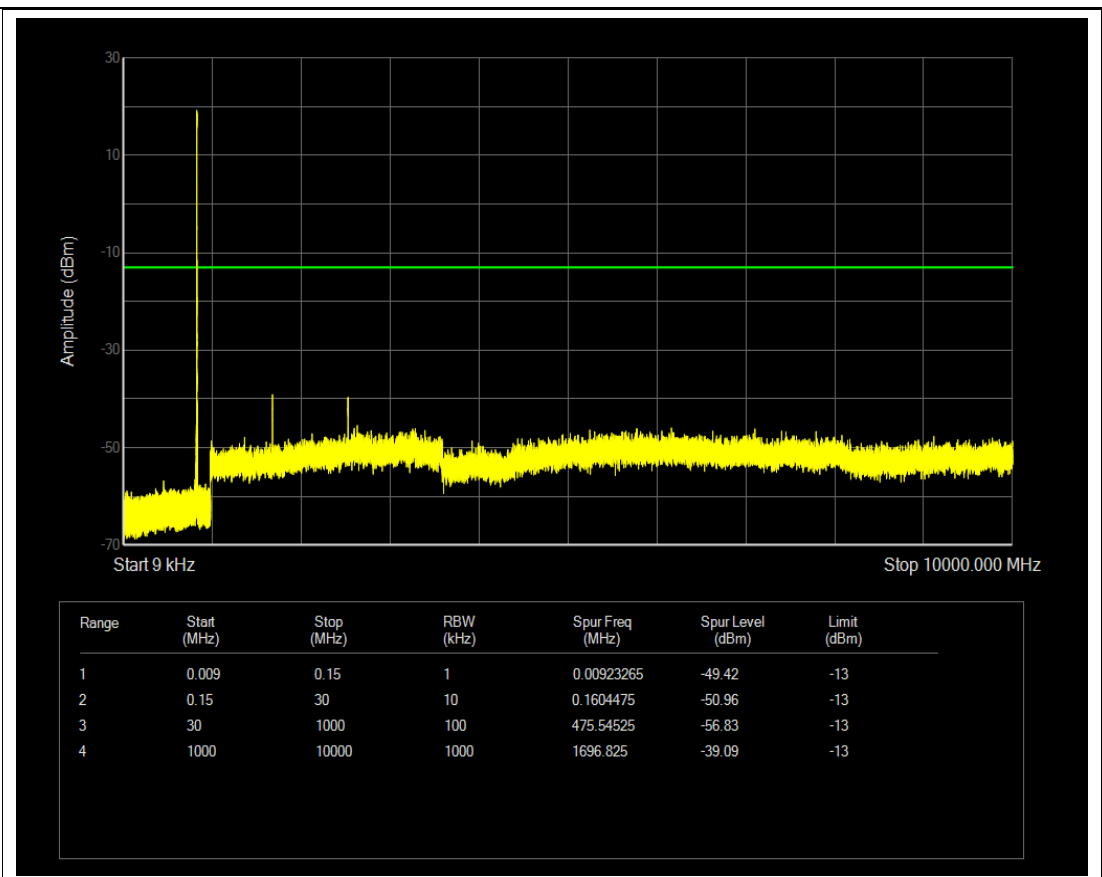
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



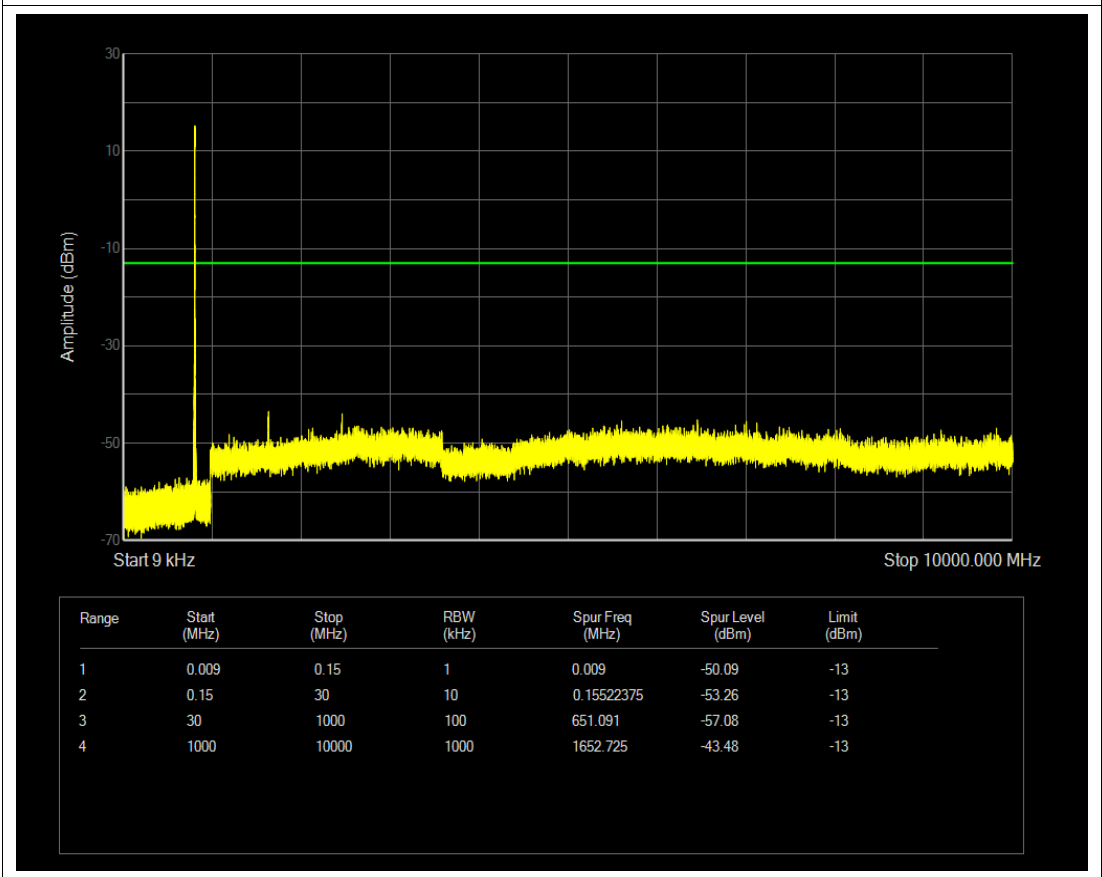
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



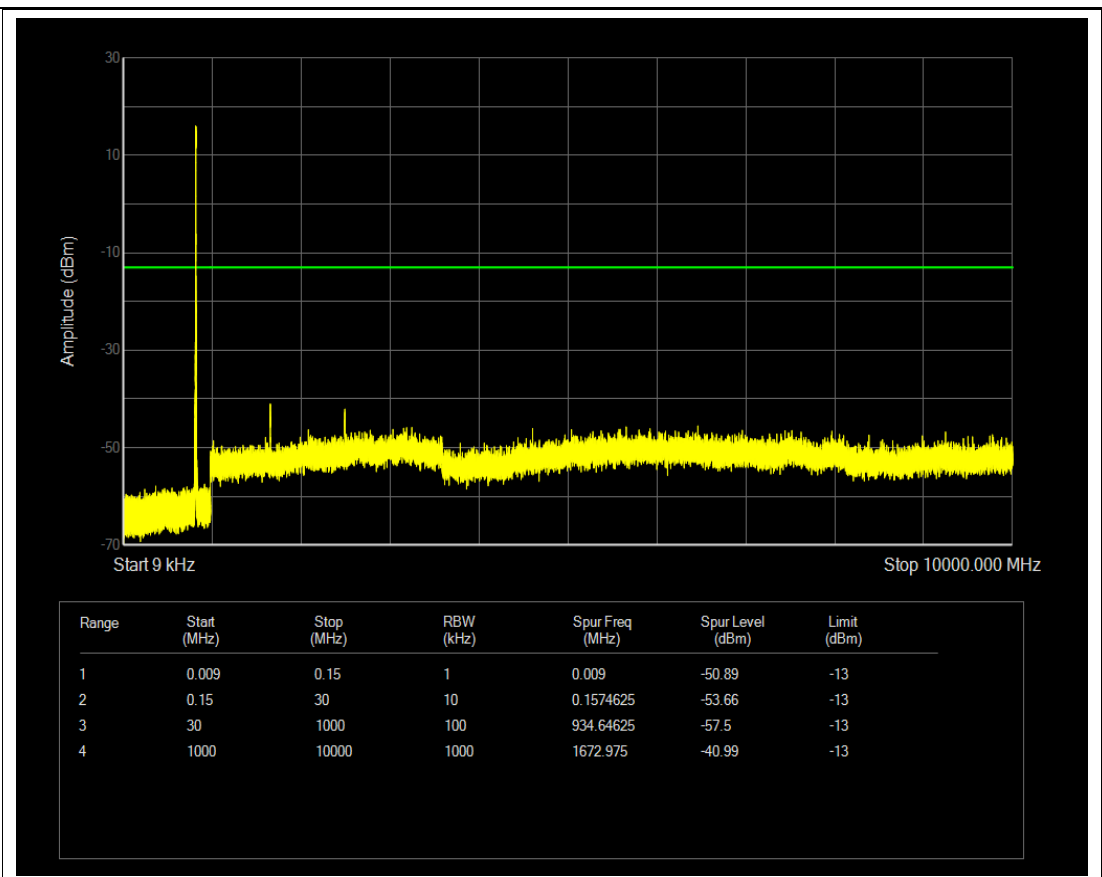
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



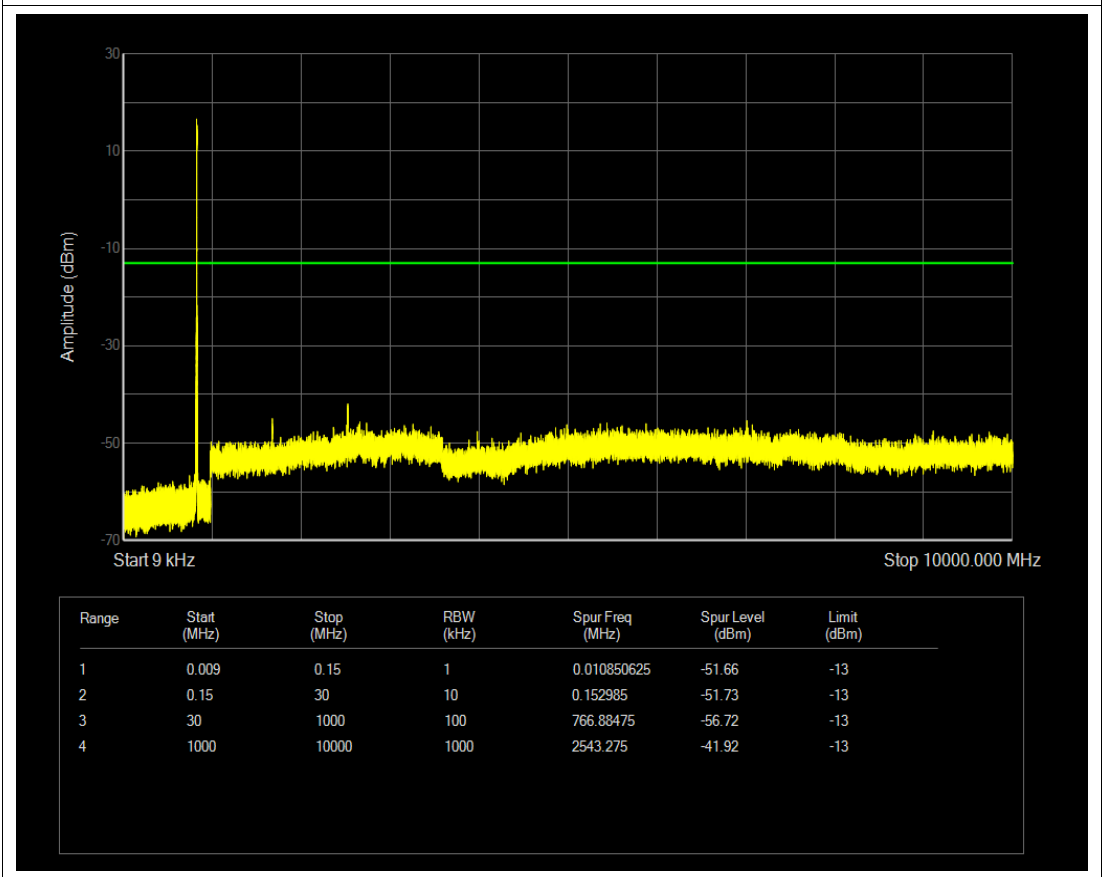
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



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



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



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

