

TABLE OF CONTENTS

1 Conducted output power2

2 Frequency stability5

3 Peak-to-Average Ratio6

4 Occupied bandwidth9

5 Band edge12

6 Out-of-band emissions17

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	23.98	-6.3	-8.45	15.53	34.77	PASS
Band17	5	23755	1	#Mid	QPSK	23.96	-6.3	-8.45	15.51	34.77	PASS
Band17	5	23755	1	#Max	QPSK	24.10	-6.3	-8.45	15.65	34.77	PASS
Band17	5	23755	12	#0	QPSK	22.84	-6.3	-8.45	14.39	34.77	PASS
Band17	5	23755	12	#Mid	QPSK	22.85	-6.3	-8.45	14.40	34.77	PASS
Band17	5	23755	12	#Max	QPSK	22.87	-6.3	-8.45	14.42	34.77	PASS
Band17	5	23755	25	#0	QPSK	22.89	-6.3	-8.45	14.44	34.77	PASS
Band17	5	23755	1	#0	16QAM	23.41	-6.3	-8.45	14.96	34.77	PASS
Band17	5	23755	1	#Mid	16QAM	23.42	-6.3	-8.45	14.97	34.77	PASS
Band17	5	23755	1	#Max	16QAM	23.42	-6.3	-8.45	14.97	34.77	PASS
Band17	5	23755	12	#0	16QAM	21.85	-6.3	-8.45	13.40	34.77	PASS
Band17	5	23755	12	#Mid	16QAM	21.86	-6.3	-8.45	13.41	34.77	PASS
Band17	5	23755	12	#Max	16QAM	21.88	-6.3	-8.45	13.43	34.77	PASS
Band17	5	23755	25	#0	16QAM	21.84	-6.3	-8.45	13.39	34.77	PASS
Band17	5	23790	1	#0	QPSK	23.98	-6.3	-8.45	15.53	34.77	PASS
Band17	5	23790	1	#Mid	QPSK	23.95	-6.3	-8.45	15.50	34.77	PASS
Band17	5	23790	1	#Max	QPSK	24.03	-6.3	-8.45	15.58	34.77	PASS
Band17	5	23790	12	#0	QPSK	22.91	-6.3	-8.45	14.46	34.77	PASS
Band17	5	23790	12	#Mid	QPSK	22.90	-6.3	-8.45	14.45	34.77	PASS
Band17	5	23790	12	#Max	QPSK	22.87	-6.3	-8.45	14.42	34.77	PASS
Band17	5	23790	25	#0	QPSK	22.95	-6.3	-8.45	14.50	34.77	PASS
Band17	5	23790	1	#0	16QAM	23.38	-6.3	-8.45	14.93	34.77	PASS
Band17	5	23790	1	#Mid	16QAM	23.37	-6.3	-8.45	14.92	34.77	PASS
Band17	5	23790	1	#Max	16QAM	23.39	-6.3	-8.45	14.94	34.77	PASS
Band17	5	23790	12	#0	16QAM	21.88	-6.3	-8.45	13.43	34.77	PASS
Band17	5	23790	12	#Mid	16QAM	21.86	-6.3	-8.45	13.41	34.77	PASS
Band17	5	23790	12	#Max	16QAM	21.87	-6.3	-8.45	13.42	34.77	PASS
Band17	5	23790	25	#0	16QAM	21.94	-6.3	-8.45	13.49	34.77	PASS
Band17	5	23825	1	#0	QPSK	23.96	-6.3	-8.45	15.51	34.77	PASS
Band17	5	23825	1	#Mid	QPSK	23.93	-6.3	-8.45	15.48	34.77	PASS
Band17	5	23825	1	#Max	QPSK	23.82	-6.3	-8.45	15.37	34.77	PASS
Band17	5	23825	12	#0	QPSK	22.93	-6.3	-8.45	14.48	34.77	PASS
Band17	5	23825	12	#Mid	QPSK	22.92	-6.3	-8.45	14.47	34.77	PASS
Band17	5	23825	12	#Max	QPSK	22.90	-6.3	-8.45	14.45	34.77	PASS
Band17	5	23825	25	#0	QPSK	22.97	-6.3	-8.45	14.52	34.77	PASS
Band17	5	23825	1	#0	16QAM	23.19	-6.3	-8.45	14.74	34.77	PASS
Band17	5	23825	1	#Mid	16QAM	23.24	-6.3	-8.45	14.79	34.77	PASS

Band17	5	23825	1	#Max	16QAM	23.12	-6.3	-8.45	14.67	34.77	PASS
Band17	5	23825	12	#0	16QAM	21.99	-6.3	-8.45	13.54	34.77	PASS
Band17	5	23825	12	#Mid	16QAM	21.97	-6.3	-8.45	13.52	34.77	PASS
Band17	5	23825	12	#Max	16QAM	21.95	-6.3	-8.45	13.50	34.77	PASS
Band17	5	23825	25	#0	16QAM	21.92	-6.3	-8.45	13.47	34.77	PASS
Band17	10	23780	1	#0	QPSK	23.91	-6.3	-8.45	15.46	34.77	PASS
Band17	10	23780	1	#Mid	QPSK	23.92	-6.3	-8.45	15.47	34.77	PASS
Band17	10	23780	1	#Max	QPSK	23.96	-6.3	-8.45	15.51	34.77	PASS
Band17	10	23780	25	#0	QPSK	22.91	-6.3	-8.45	14.46	34.77	PASS
Band17	10	23780	25	#Mid	QPSK	22.92	-6.3	-8.45	14.47	34.77	PASS
Band17	10	23780	25	#Max	QPSK	22.92	-6.3	-8.45	14.47	34.77	PASS
Band17	10	23780	50	#0	QPSK	22.90	-6.3	-8.45	14.45	34.77	PASS
Band17	10	23780	1	#0	16QAM	23.32	-6.3	-8.45	14.87	34.77	PASS
Band17	10	23780	1	#Mid	16QAM	23.34	-6.3	-8.45	14.89	34.77	PASS
Band17	10	23780	1	#Max	16QAM	23.40	-6.3	-8.45	14.95	34.77	PASS
Band17	10	23780	25	#0	16QAM	21.88	-6.3	-8.45	13.43	34.77	PASS
Band17	10	23780	25	#Mid	16QAM	21.91	-6.3	-8.45	13.46	34.77	PASS
Band17	10	23780	25	#Max	16QAM	21.90	-6.3	-8.45	13.45	34.77	PASS
Band17	10	23780	50	#0	16QAM	21.87	-6.3	-8.45	13.42	34.77	PASS
Band17	10	23790	1	#0	QPSK	23.85	-6.3	-8.45	15.40	34.77	PASS
Band17	10	23790	1	#Mid	QPSK	23.87	-6.3	-8.45	15.42	34.77	PASS
Band17	10	23790	1	#Max	QPSK	23.93	-6.3	-8.45	15.48	34.77	PASS
Band17	10	23790	25	#0	QPSK	22.92	-6.3	-8.45	14.47	34.77	PASS
Band17	10	23790	25	#Mid	QPSK	22.93	-6.3	-8.45	14.48	34.77	PASS
Band17	10	23790	25	#Max	QPSK	22.92	-6.3	-8.45	14.47	34.77	PASS
Band17	10	23790	50	#0	QPSK	22.93	-6.3	-8.45	14.48	34.77	PASS
Band17	10	23790	1	#0	16QAM	23.06	-6.3	-8.45	14.61	34.77	PASS
Band17	10	23790	1	#Mid	16QAM	23.10	-6.3	-8.45	14.65	34.77	PASS
Band17	10	23790	1	#Max	16QAM	23.12	-6.3	-8.45	14.67	34.77	PASS
Band17	10	23790	25	#0	16QAM	21.90	-6.3	-8.45	13.45	34.77	PASS
Band17	10	23790	25	#Mid	16QAM	21.88	-6.3	-8.45	13.43	34.77	PASS
Band17	10	23790	25	#Max	16QAM	21.91	-6.3	-8.45	13.46	34.77	PASS
Band17	10	23790	50	#0	16QAM	21.94	-6.3	-8.45	13.49	34.77	PASS
Band17	10	23800	1	#0	QPSK	23.94	-6.3	-8.45	15.49	34.77	PASS
Band17	10	23800	1	#Mid	QPSK	24.00	-6.3	-8.45	15.55	34.77	PASS
Band17	10	23800	1	#Max	QPSK	23.97	-6.3	-8.45	15.52	34.77	PASS
Band17	10	23800	25	#0	QPSK	22.92	-6.3	-8.45	14.47	34.77	PASS
Band17	10	23800	25	#Mid	QPSK	22.93	-6.3	-8.45	14.48	34.77	PASS
Band17	10	23800	25	#Max	QPSK	22.94	-6.3	-8.45	14.49	34.77	PASS
Band17	10	23800	50	#0	QPSK	22.96	-6.3	-8.45	14.51	34.77	PASS
Band17	10	23800	1	#0	16QAM	22.87	-6.3	-8.45	14.42	34.77	PASS
Band17	10	23800	1	#Mid	16QAM	22.85	-6.3	-8.45	14.40	34.77	PASS
Band17	10	23800	1	#Max	16QAM	22.80	-6.3	-8.45	14.35	34.77	PASS
Band17	10	23800	25	#0	16QAM	21.90	-6.3	-8.45	13.45	34.77	PASS

Band17	10	23800	25	#Mid	16QAM	21.91	-6.3	-8.45	13.46	34.77	PASS
Band17	10	23800	25	#Max	16QAM	21.93	-6.3	-8.45	13.48	34.77	PASS
Band17	10	23800	50	#0	16QAM	21.92	-6.3	-8.45	13.47	34.77	PASS

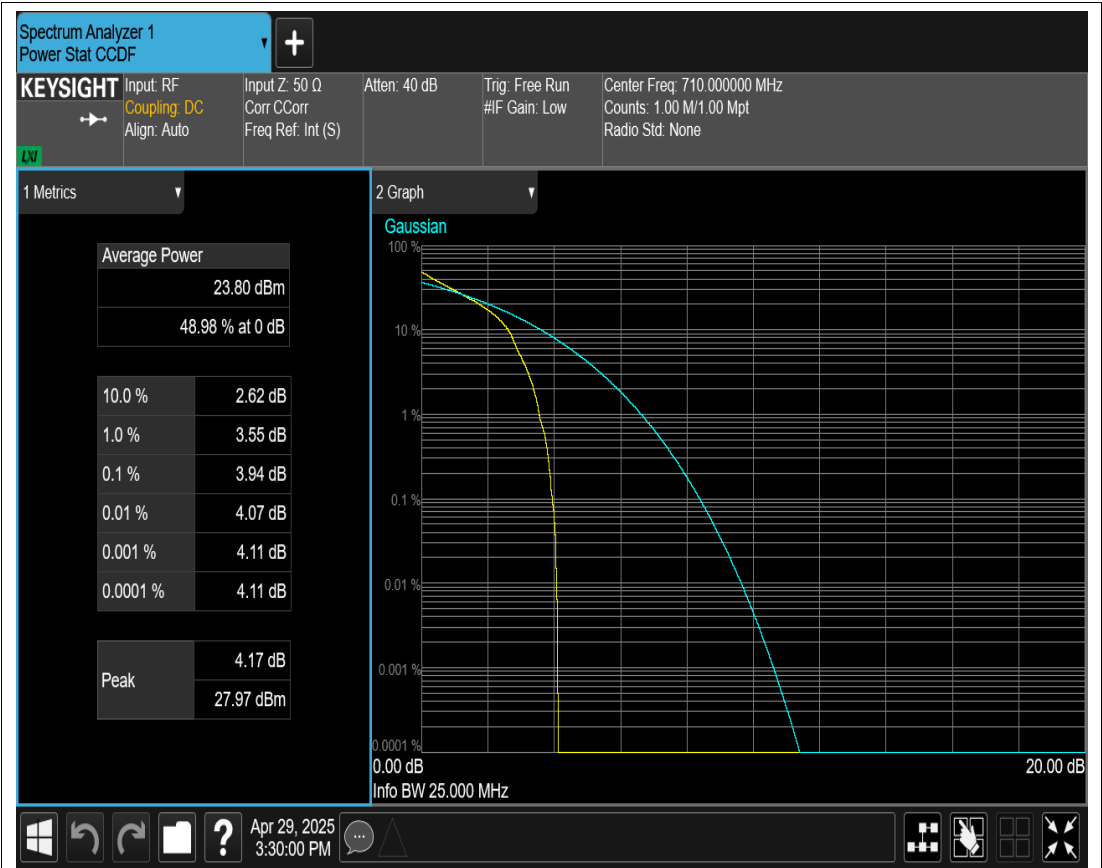
2 Frequency stability

<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>
Band17	10	23780	50	#0	QPSK	-3.93	-0.006	-2.5	2.5	PASS
Band17	10	23780	50	#0	16QAM	-2.56	-0.004	-2.5	2.5	PASS
Band17	10	23790	50	#0	QPSK	-1.14	-0.002	-2.5	2.5	PASS
Band17	10	23790	50	#0	16QAM	1.53	0.002	-2.5	2.5	PASS
Band17	10	23800	50	#0	QPSK	1.95	0.003	-2.5	2.5	PASS
Band17	10	23800	50	#0	16QAM	1.30	0.002	-2.5	2.5	PASS

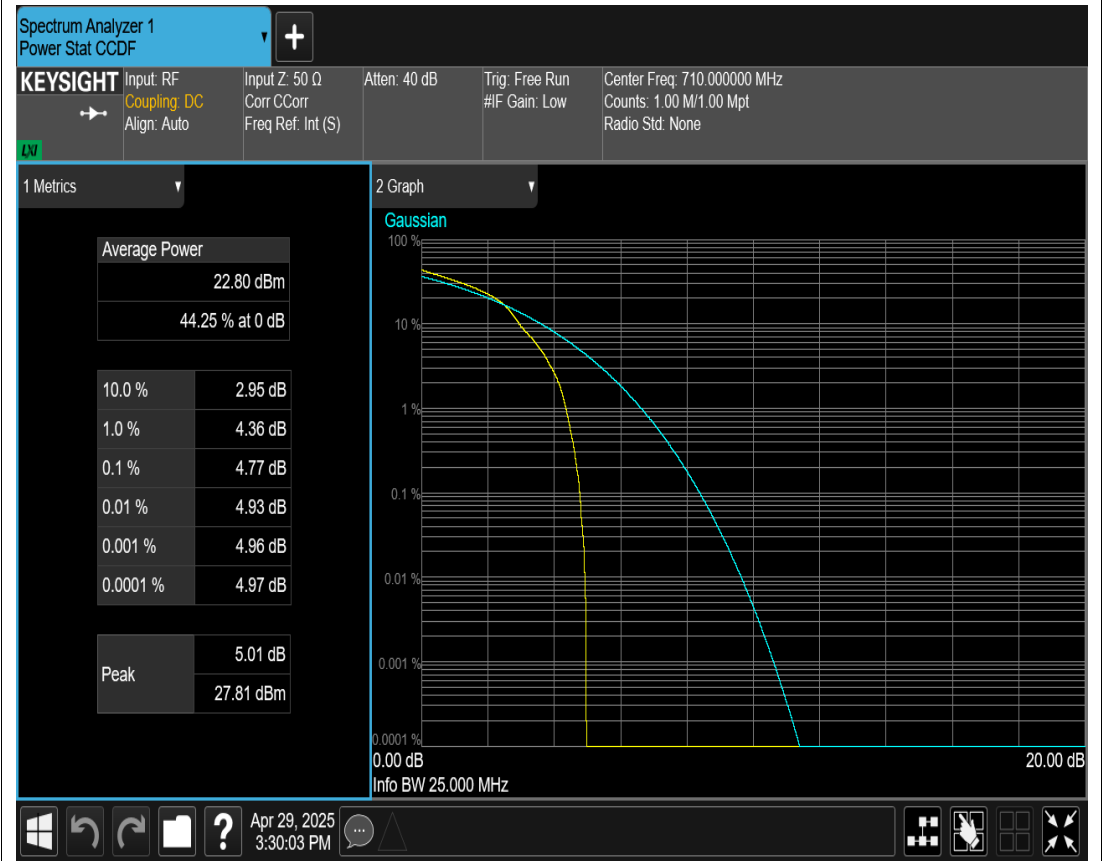
Note: (Voltage: 3.92V, Temperature: 25°C) only reflect the worst mode.

3 Peak-to-Average Ratio

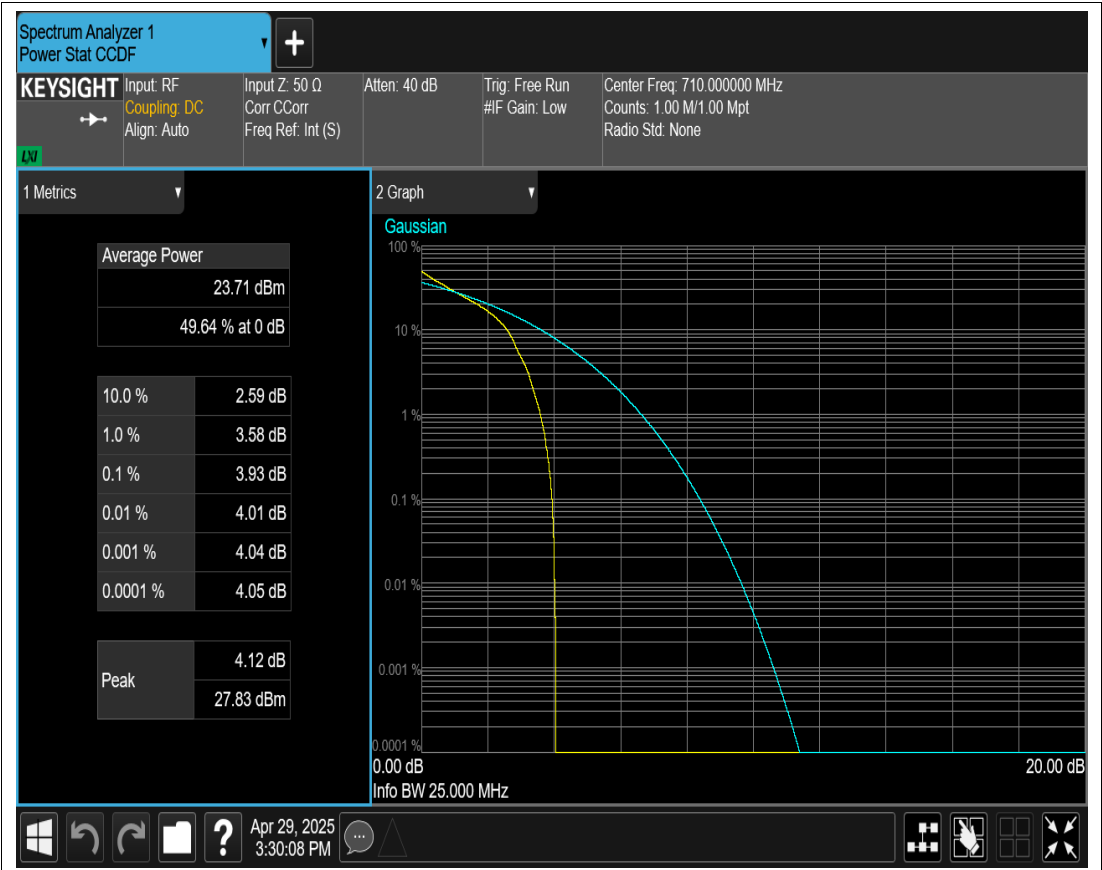
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result (dB)</i>	<i>high Limit (dB)</i>	<i>Verdict</i>
Band17	5	23790	1	#0	QPSK	3.94	13	PASS
Band17	5	23790	1	#0	16QAM	4.77	13	PASS
Band17	10	23790	1	#0	QPSK	3.93	13	PASS
Band17	10	23790	1	#0	16QAM	4.77	13	PASS



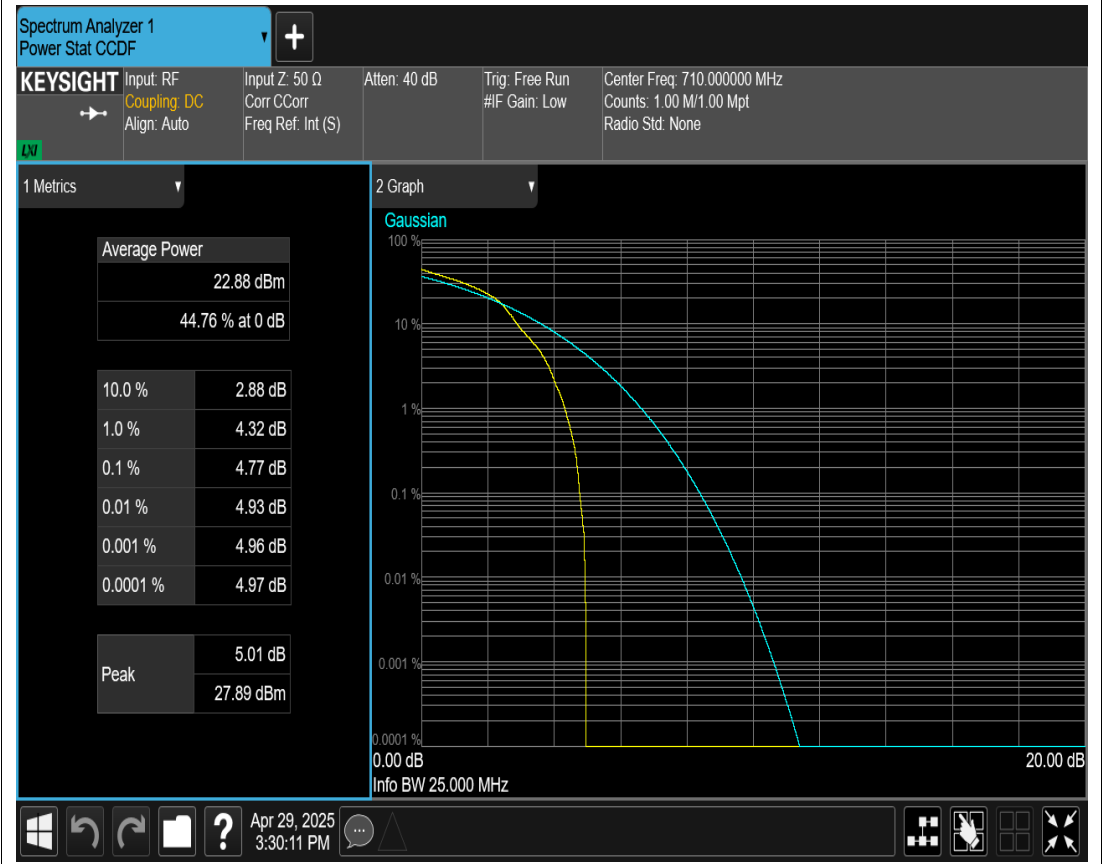
Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0



Band17 16QAM BW=5MHz Channel=23790 RB Size=1 Position=#0



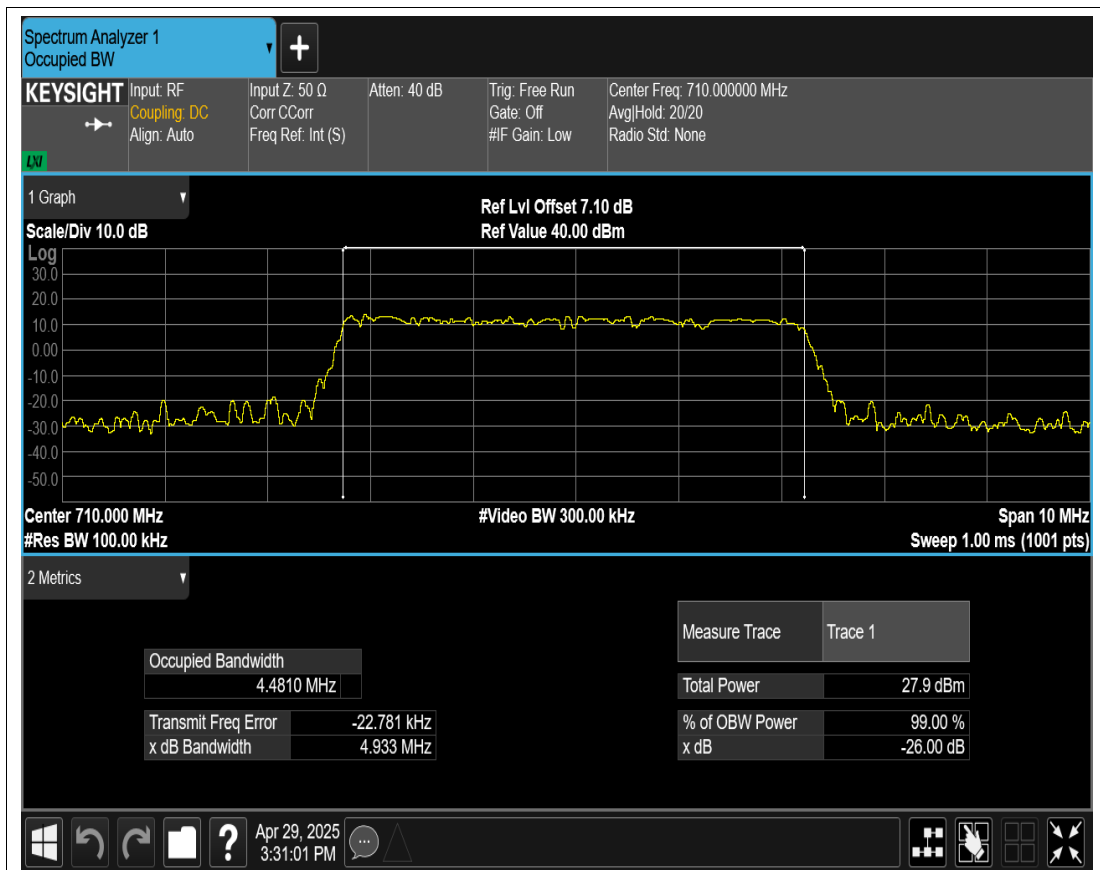
Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0



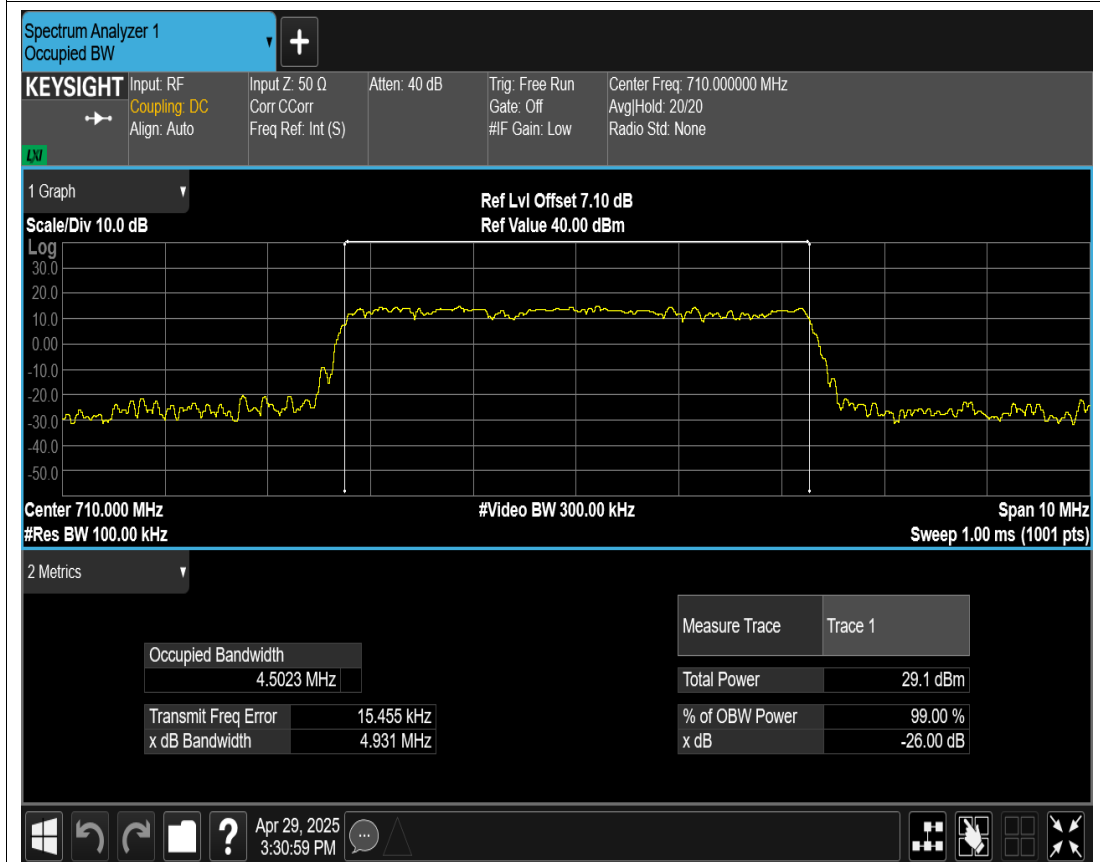
Band17 16QAM BW=10MHz Channel=23790 RB Size=1 Position=#0

4 Occupied bandwidth

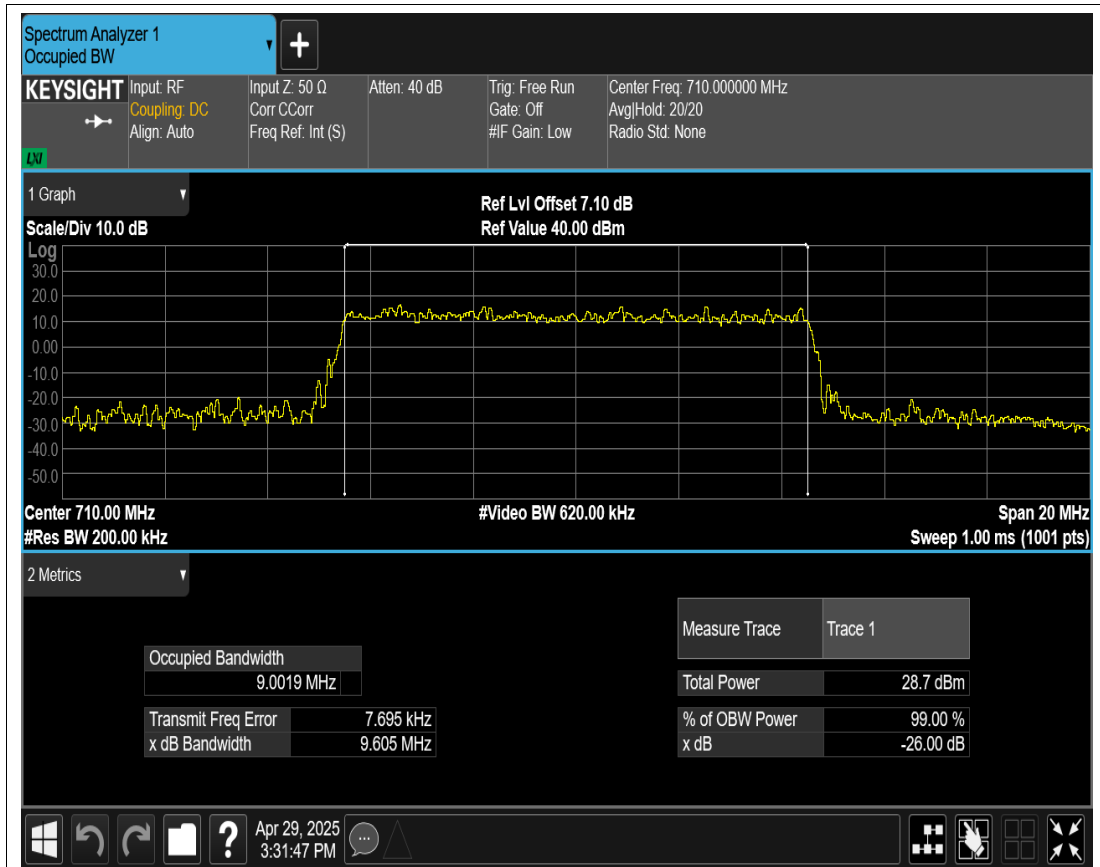
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>99% OBW (MHz)</i>	<i>-26dB EBW (MHz)</i>	<i>Verdict</i>
Band17	5	23790	25	#0	QPSK	4.502	4.931	PASS
Band17	5	23790	25	#0	16QAM	4.481	4.933	PASS
Band17	10	23790	50	#0	QPSK	9.002	9.605	PASS
Band17	10	23790	50	#0	16QAM	9.001	9.671	PASS



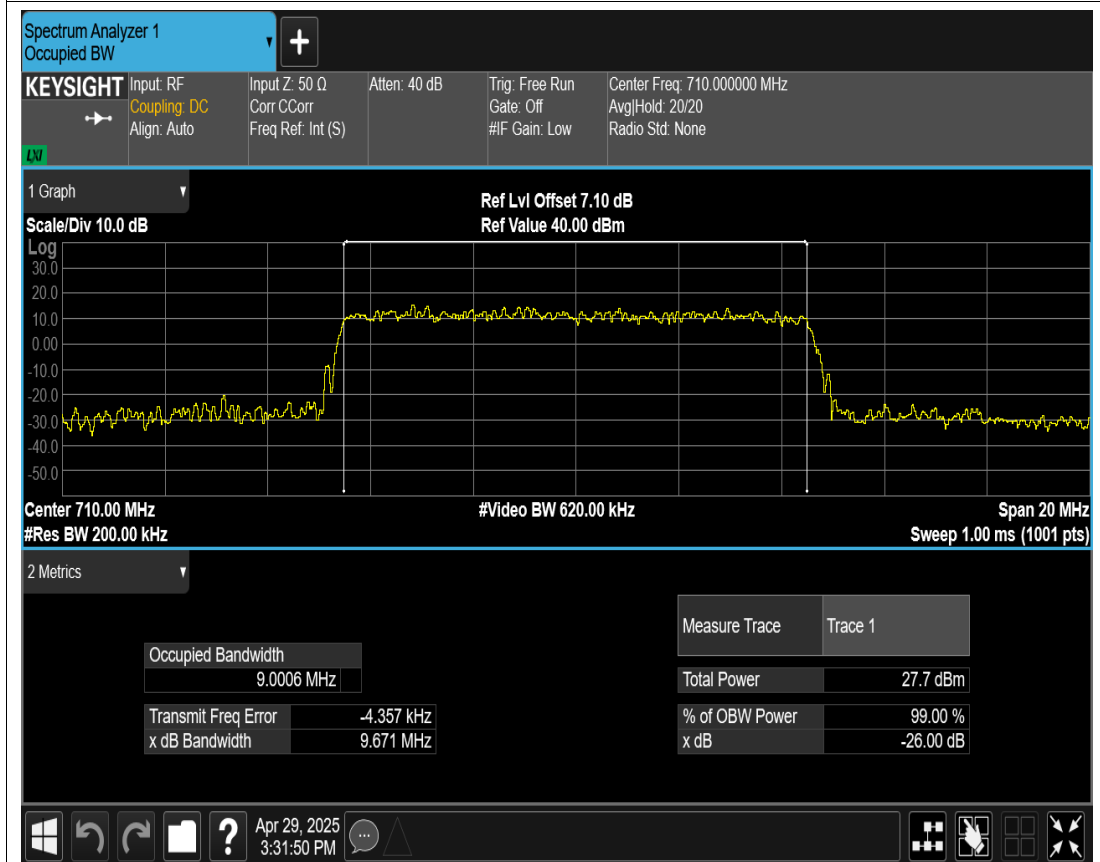
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



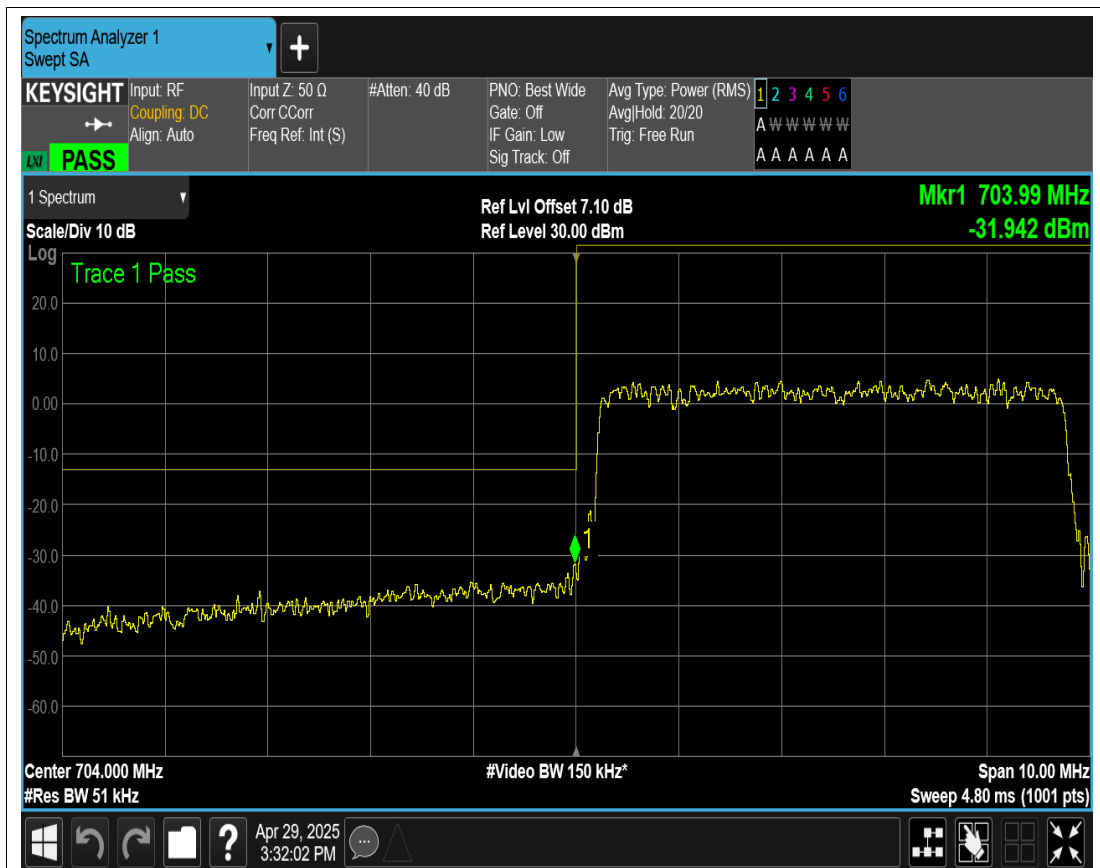
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



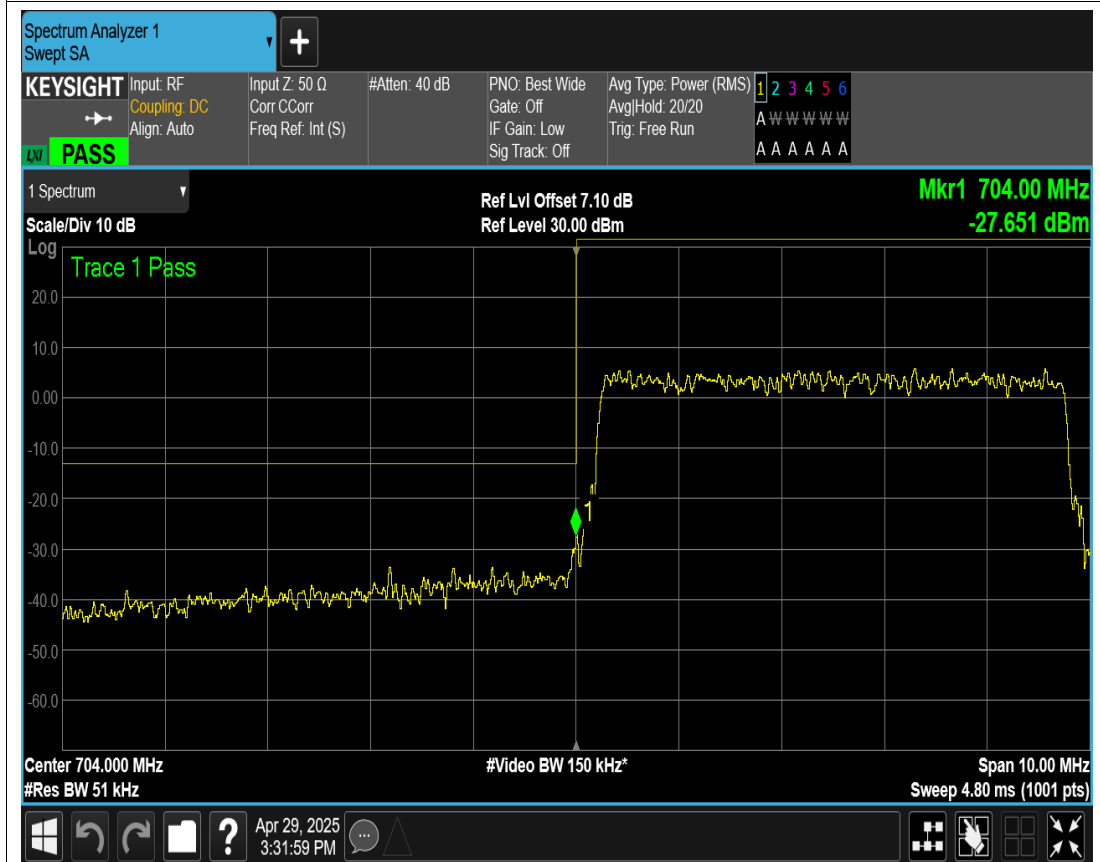
Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0

5 Band edge

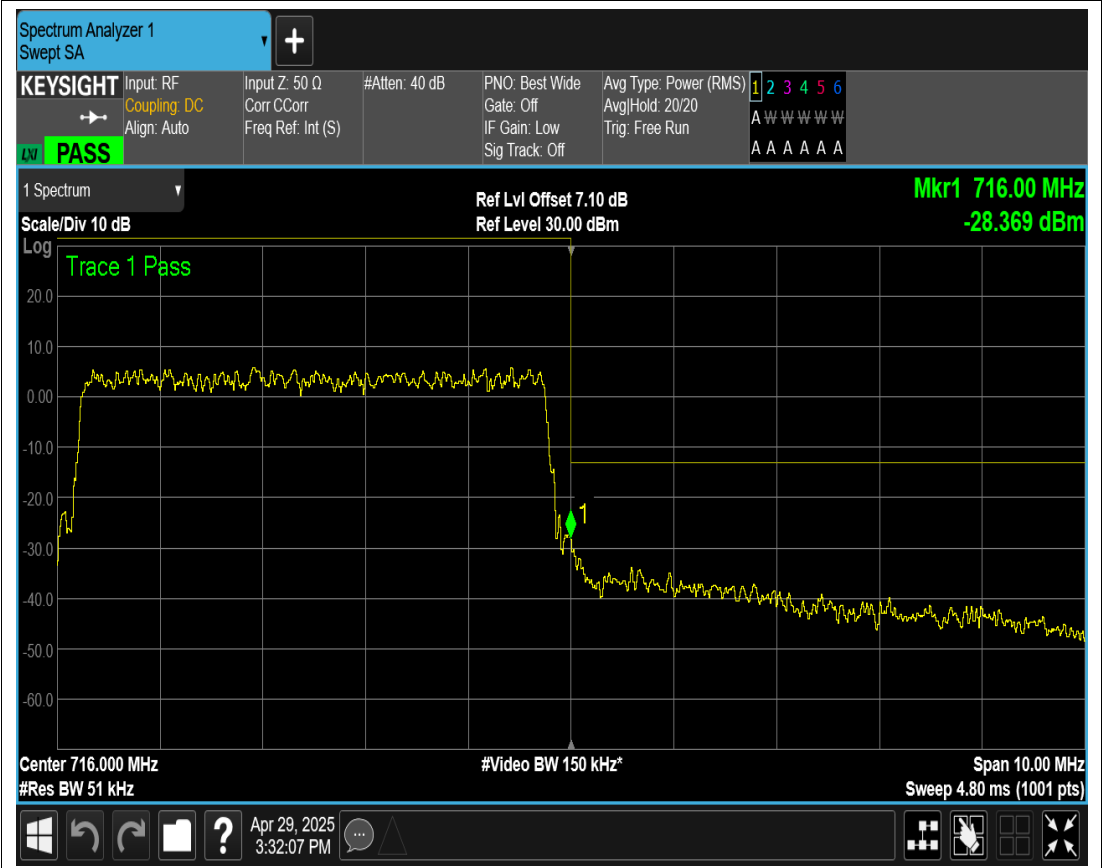
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band17	5	23755	25	#0	QPSK	704.00	-27.65	-13	PASS
Band17	5	23755	25	#0	16QAM	703.99	-31.94	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-28.36	-13	PASS
Band17	5	23825	25	#0	16QAM	716.00	-29.11	-13	PASS
Band17	10	23780	50	#0	QPSK	702.02	-33.62	-13	PASS
Band17	10	23780	50	#0	16QAM	704.00	-33.81	-13	PASS
Band17	10	23800	50	#0	QPSK	716.06	-32.18	-13	PASS
Band17	10	23800	50	#0	16QAM	716.08	-33.39	-13	PASS



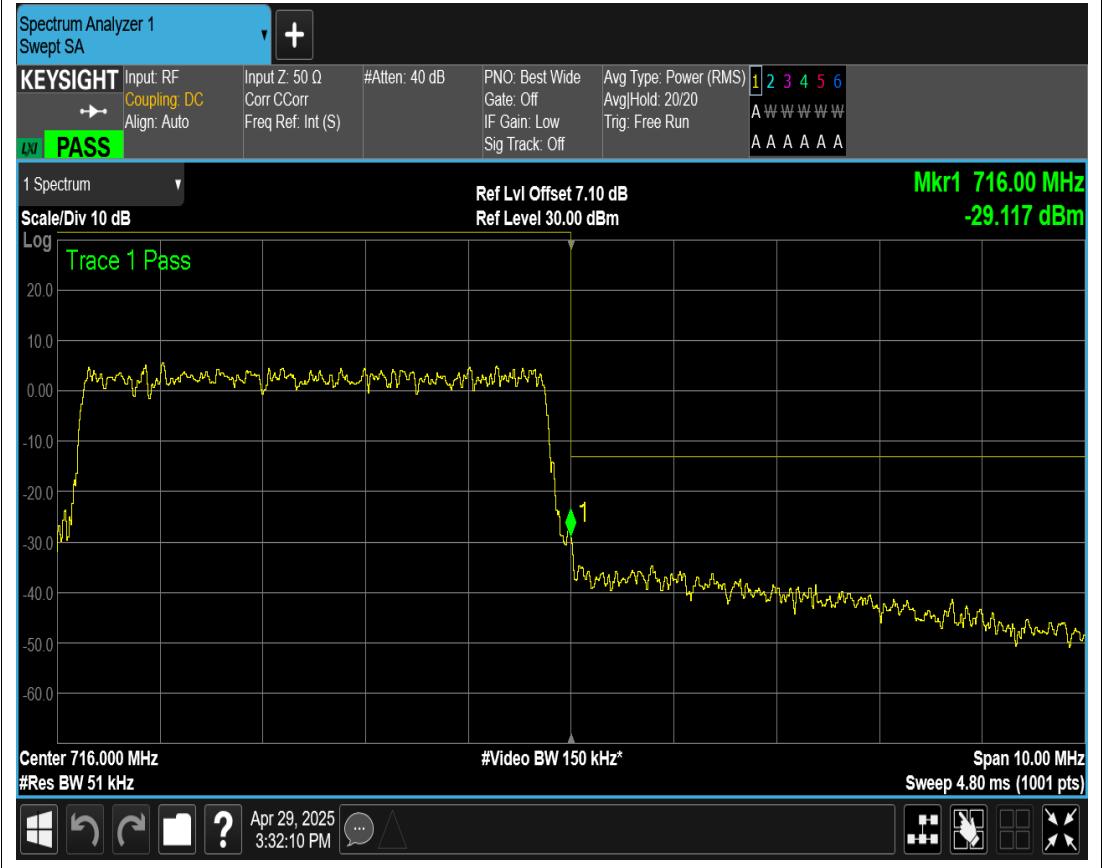
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



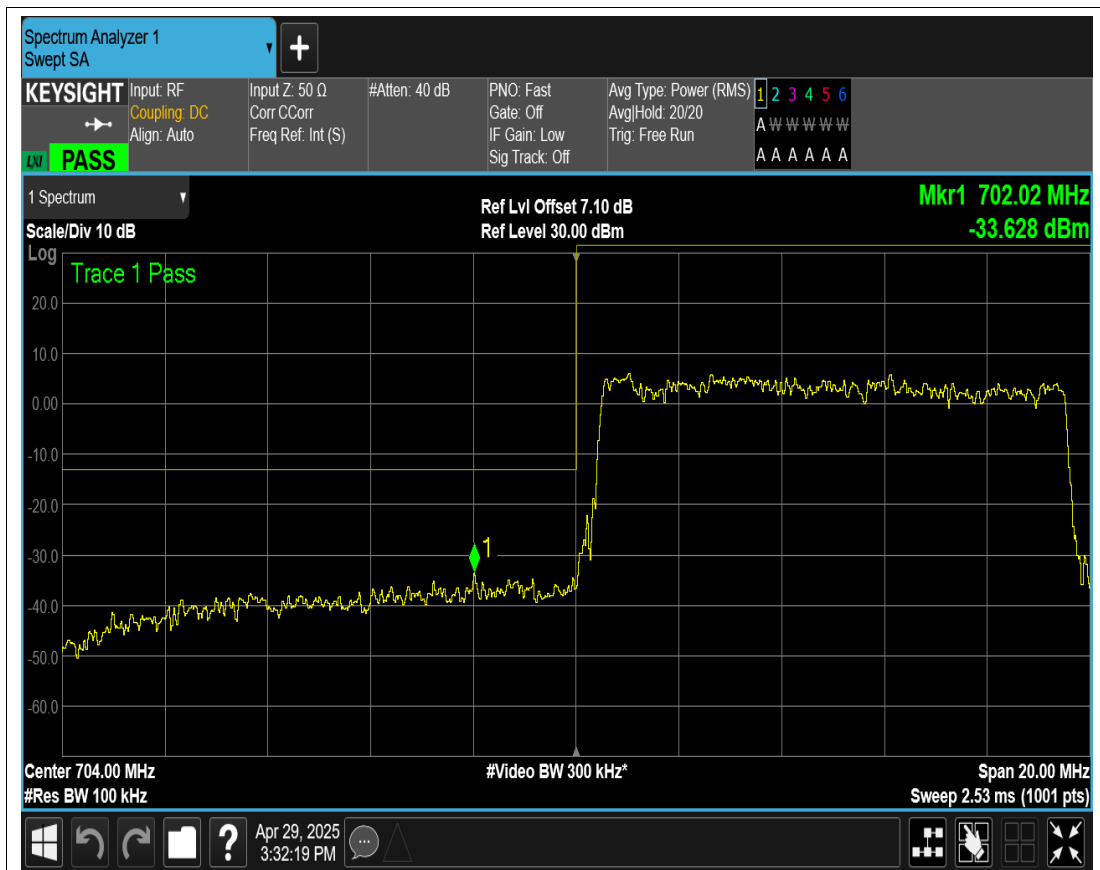
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



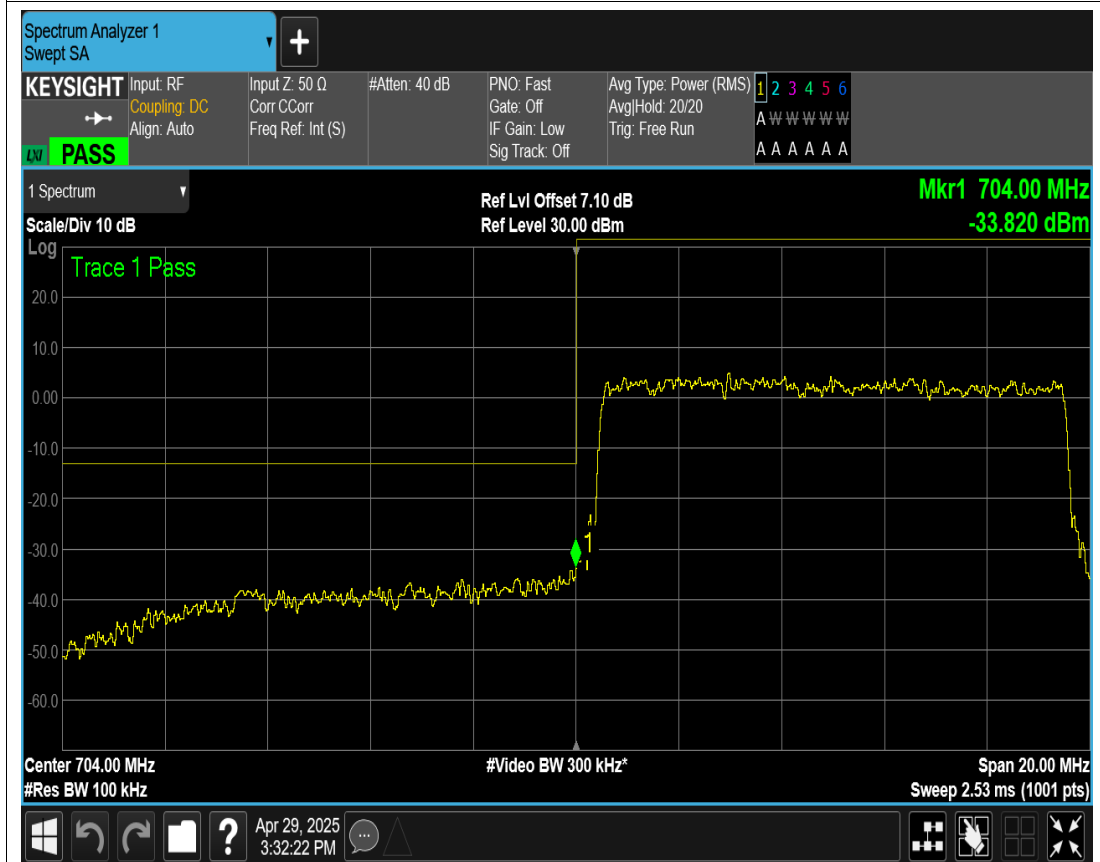
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0



Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0



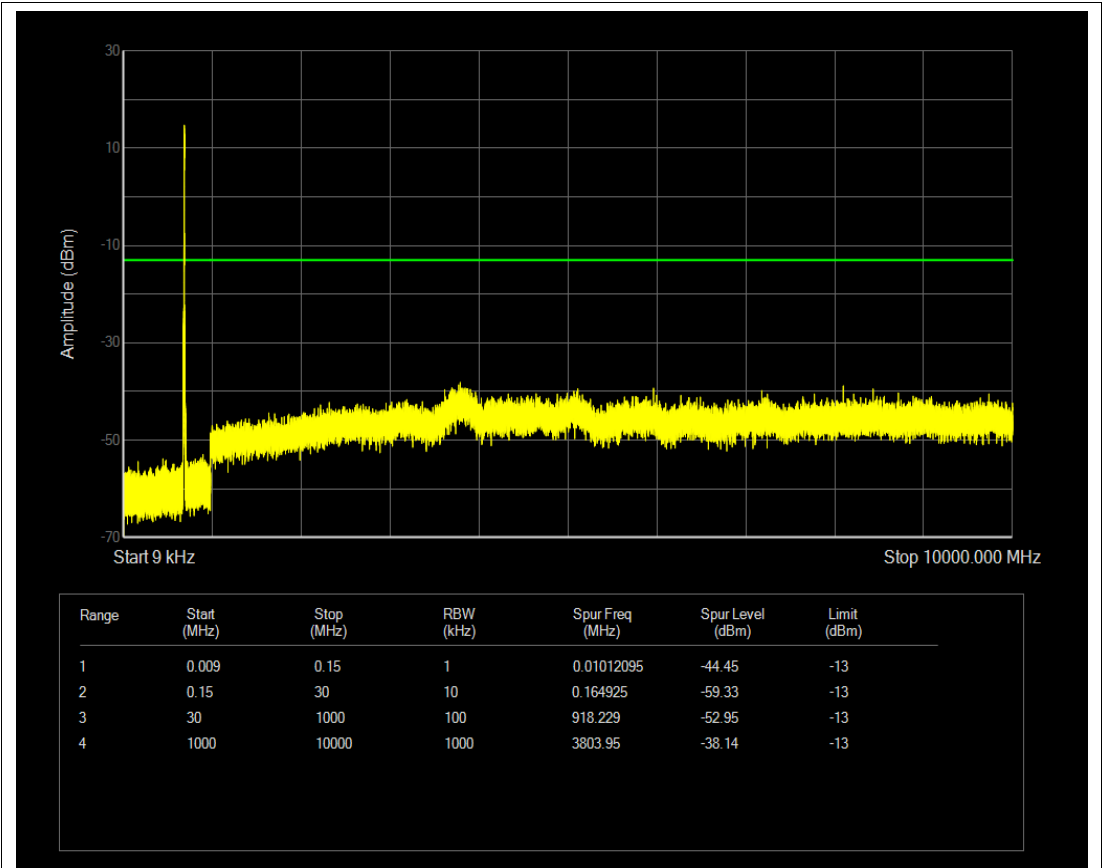
Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



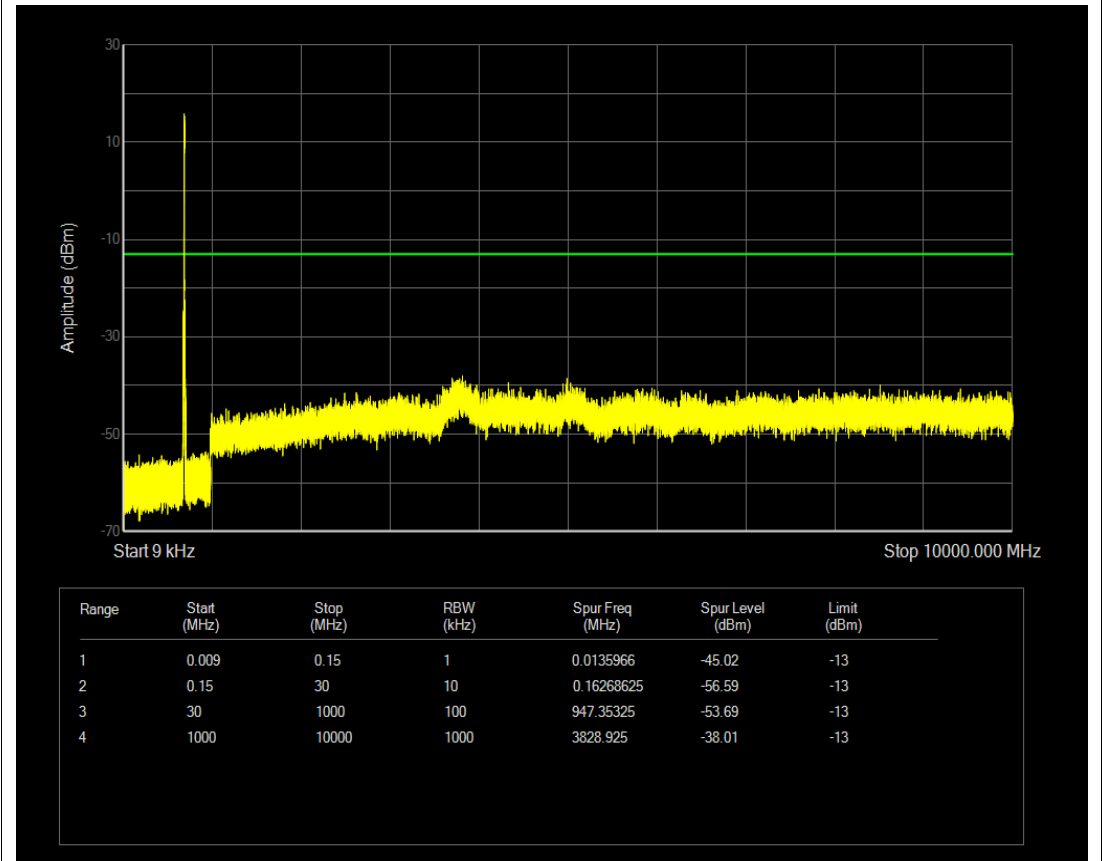
Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0

6 Out-of-band emissions

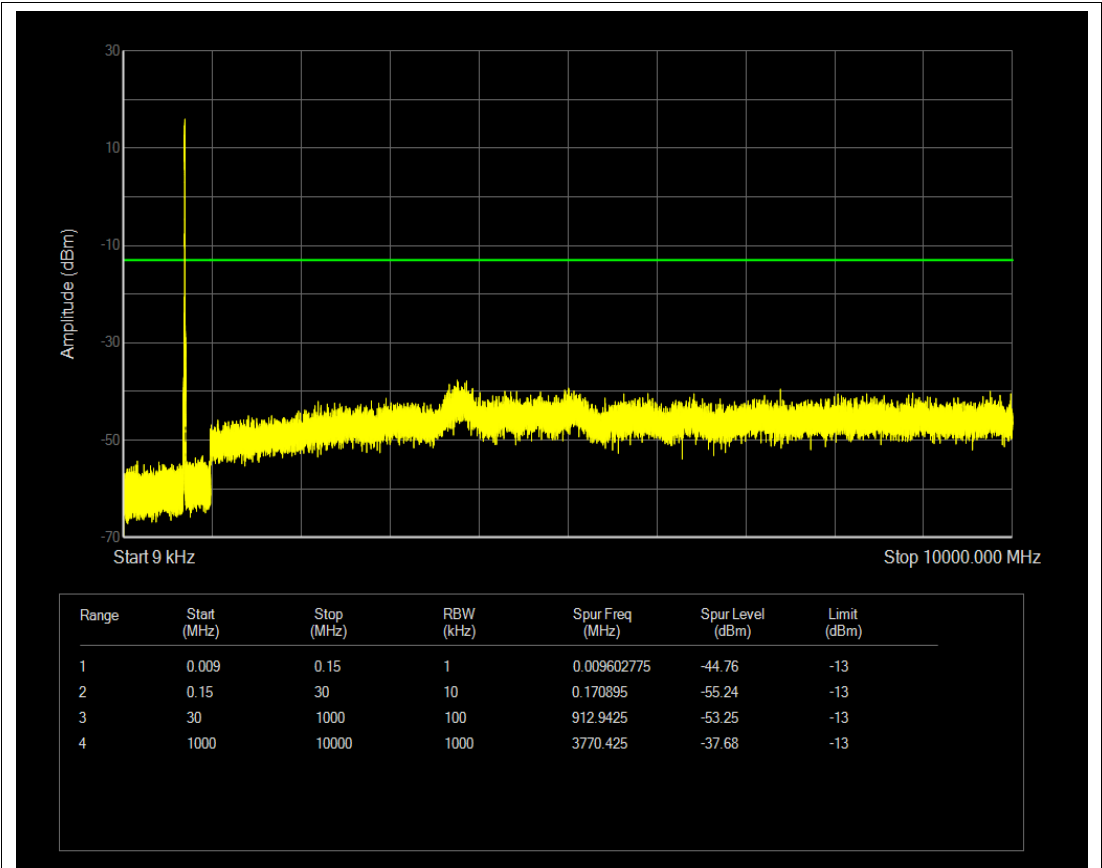
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band17	5	23755	25	#0	QPSK	3828.93	-38.01	-13	PASS
Band17	5	23755	25	#0	16QAM	3803.95	-38.14	-13	PASS
Band17	5	23825	25	#0	QPSK	3762.55	-38.50	-13	PASS
Band17	5	23825	25	#0	16QAM	3770.43	-37.68	-13	PASS
Band17	10	23780	50	#0	QPSK	3771.78	-37.46	-13	PASS
Band17	10	23780	50	#0	16QAM	3812.95	-37.07	-13	PASS
Band17	10	23800	50	#0	QPSK	3832.75	-38.01	-13	PASS
Band17	10	23800	50	#0	16QAM	3838.60	-38.46	-13	PASS



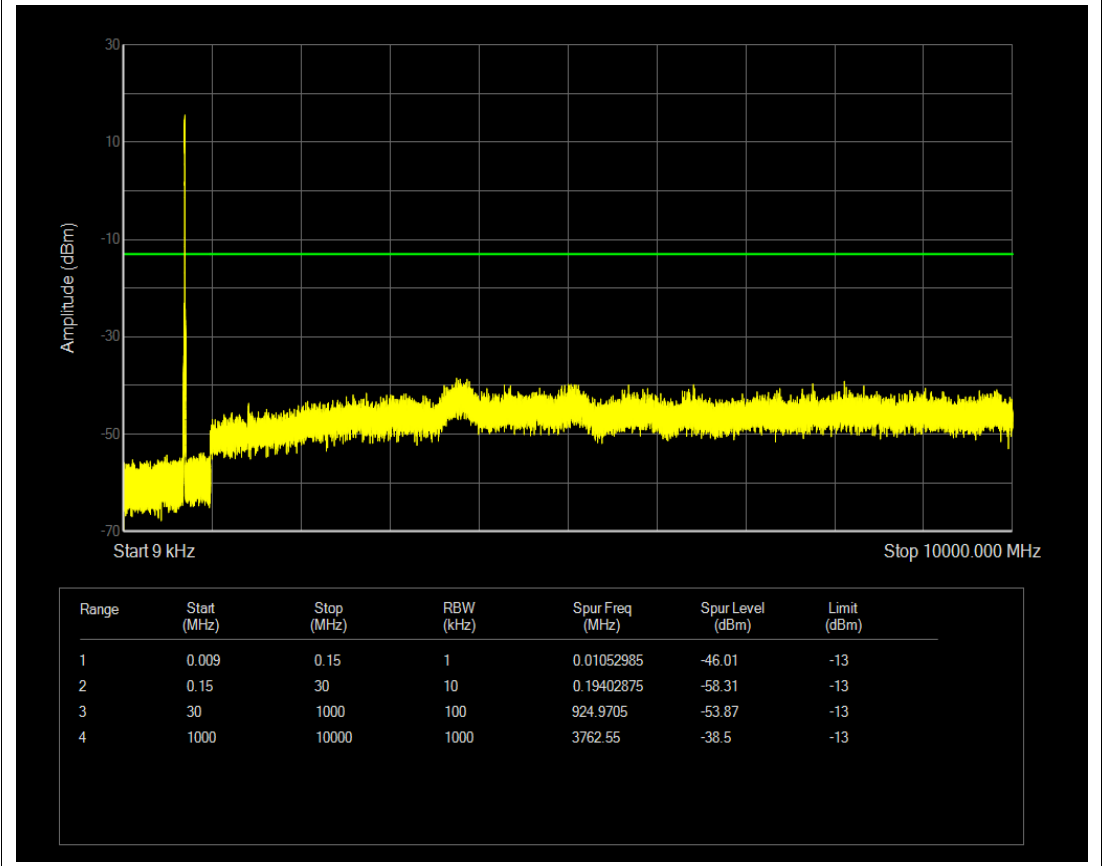
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



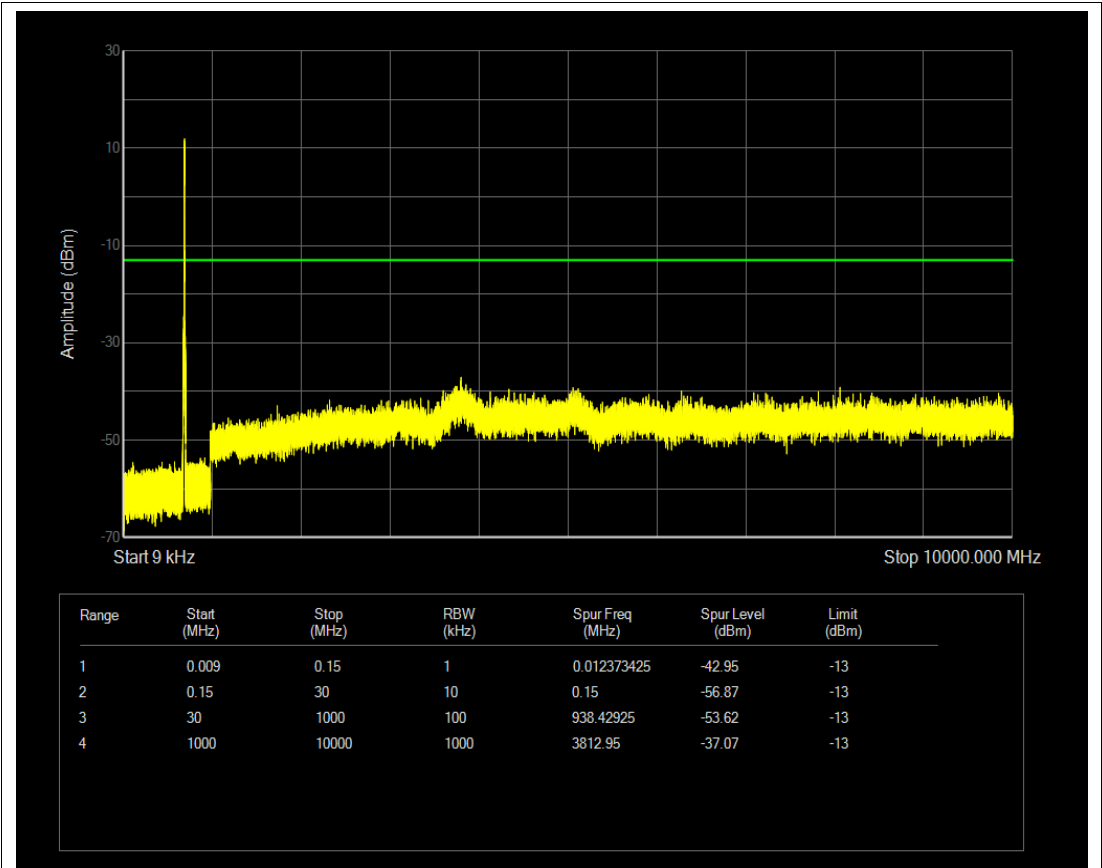
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



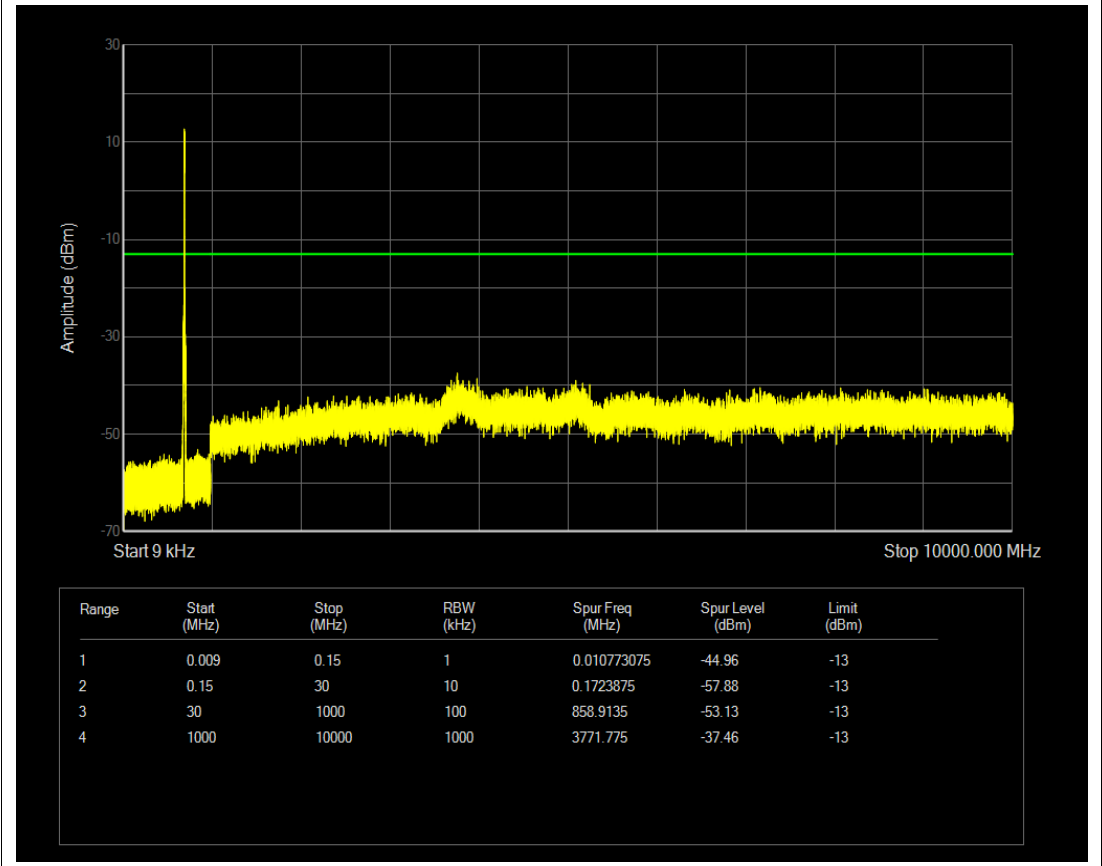
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0



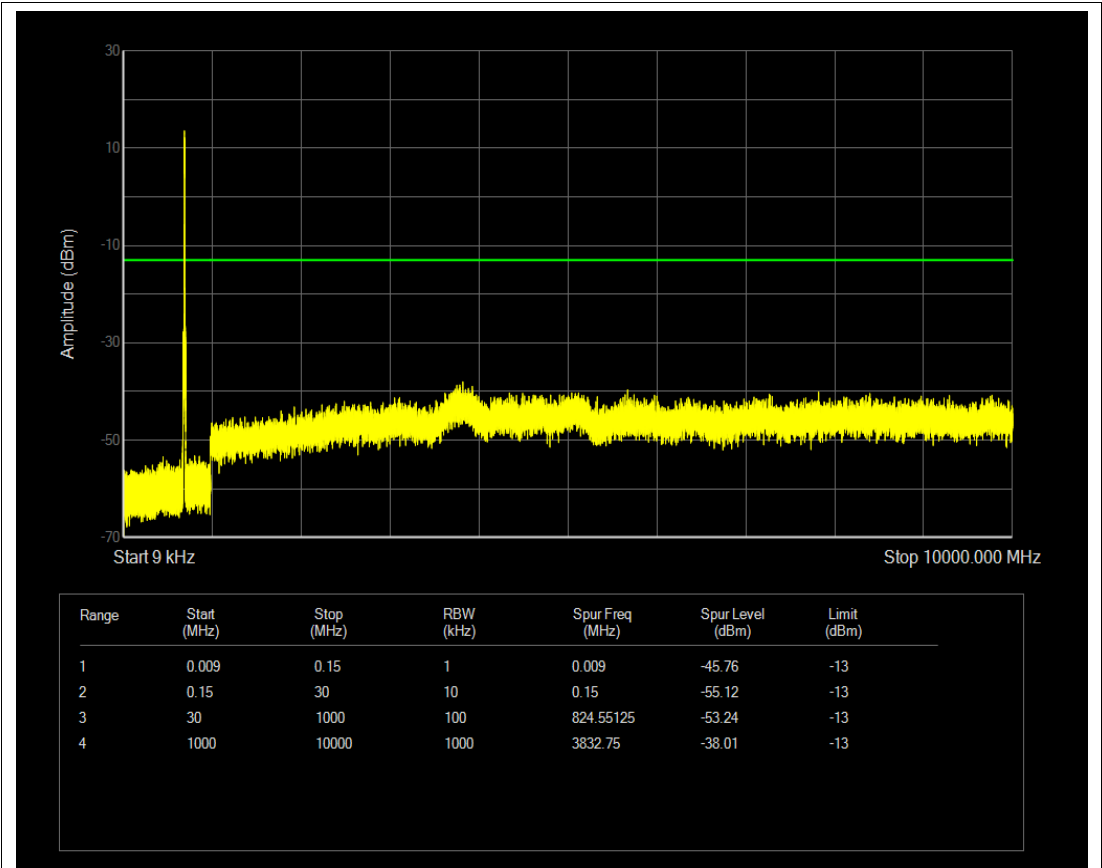
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



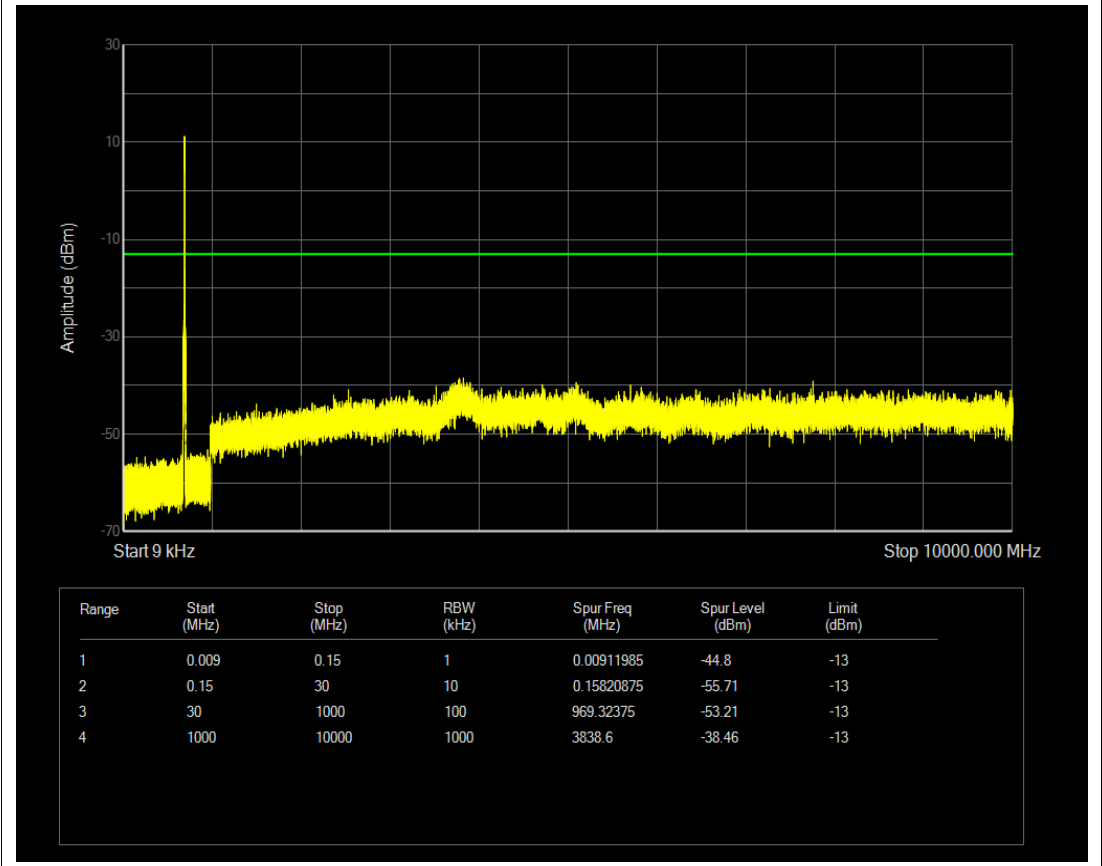
Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0



Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0

