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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)	Limt (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	24.28	-2.48	-4.63	19.65	34.77	PASS
Band17	5	23755	1	#Mid	QPSK	24.23	-2.48	-4.63	19.60	34.77	PASS
Band17	5	23755	1	#Max	QPSK	24.24	-2.48	-4.63	19.61	34.77	PASS
Band17	5	23755	12	#0	QPSK	23.22	-2.48	-4.63	18.59	34.77	PASS
Band17	5	23755	12	#Mid	QPSK	23.22	-2.48	-4.63	18.59	34.77	PASS
Band17	5	23755	12	#Max	QPSK	23.17	-2.48	-4.63	18.54	34.77	PASS
Band17	5	23755	25	#0	QPSK	23.25	-2.48	-4.63	18.62	34.77	PASS
Band17	5	23755	1	#0	QAM16	23.62	-2.48	-4.63	18.99	34.77	PASS
Band17	5	23755	1	#Mid	QAM16	23.71	-2.48	-4.63	19.08	34.77	PASS
Band17	5	23755	1	#Max	QAM16	23.52	-2.48	-4.63	18.89	34.77	PASS
Band17	5	23755	12	#0	QAM16	22.21	-2.48	-4.63	17.58	34.77	PASS
Band17	5	23755	12	#Mid	QAM16	22.19	-2.48	-4.63	17.56	34.77	PASS
Band17	5	23755	12	#Max	QAM16	22.14	-2.48	-4.63	17.51	34.77	PASS
Band17	5	23755	25	#0	QAM16	22.26	-2.48	-4.63	17.63	34.77	PASS
Band17	5	23790	1	#0	QPSK	24.16	-2.48	-4.63	19.53	34.77	PASS
Band17	5	23790	1	#Mid	QPSK	24.17	-2.48	-4.63	19.54	34.77	PASS
Band17	5	23790	1	#Max	QPSK	24.12	-2.48	-4.63	19.49	34.77	PASS
Band17	5	23790	12	#0	QPSK	23.24	-2.48	-4.63	18.61	34.77	PASS
Band17	5	23790	12	#Mid	QPSK	23.2	-2.48	-4.63	18.57	34.77	PASS
Band17	5	23790	12	#Max	QPSK	23.15	-2.48	-4.63	18.52	34.77	PASS
Band17	5	23790	25	#0	QPSK	23.23	-2.48	-4.63	18.60	34.77	PASS
Band17	5	23790	1	#0	QAM16	23.49	-2.48	-4.63	18.86	34.77	PASS
Band17	5	23790	1	#Mid	QAM16	23.48	-2.48	-4.63	18.85	34.77	PASS
Band17	5	23790	1	#Max	QAM16	23.46	-2.48	-4.63	18.83	34.77	PASS
Band17	5	23790	12	#0	QAM16	22.28	-2.48	-4.63	17.65	34.77	PASS
Band17	5	23790	12	#Mid	QAM16	22.23	-2.48	-4.63	17.60	34.77	PASS
Band17	5	23790	12	#Max	QAM16	22.2	-2.48	-4.63	17.57	34.77	PASS
Band17	5	23790	25	#0	QAM16	22.22	-2.48	-4.63	17.59	34.77	PASS
Band17	5	23825	1	#0	QPSK	24.17	-2.48	-4.63	19.54	34.77	PASS
Band17	5	23825	1	#Mid	QPSK	24.03	-2.48	-4.63	19.40	34.77	PASS
Band17	5	23825	1	#Max	QPSK	23.99	-2.48	-4.63	19.36	34.77	PASS
Band17	5	23825	12	#0	QPSK	23.15	-2.48	-4.63	18.52	34.77	PASS
Band17	5	23825	12	#Mid	QPSK	23.09	-2.48	-4.63	18.46	34.77	PASS
Band17	5	23825	12	#Max	QPSK	23.05	-2.48	-4.63	18.42	34.77	PASS
Band17	5	23825	25	#0	QPSK	23.12	-2.48	-4.63	18.49	34.77	PASS
Band17	5	23825	1	#0	QAM16	23.47	-2.48	-4.63	18.84	34.77	PASS
Band17	5	23825	1	#Mid	QAM16	23.4	-2.48	-4.63	18.77	34.77	PASS

Band17	5	23825	1	#Max	QAM16	23.27	-2.48	-4.63	18.64	34.77	PASS
Band17	5	23825	12	#0	QAM16	22.21	-2.48	-4.63	17.58	34.77	PASS
Band17	5	23825	12	#Mid	QAM16	22.16	-2.48	-4.63	17.53	34.77	PASS
Band17	5	23825	12	#Max	QAM16	22.11	-2.48	-4.63	17.48	34.77	PASS
Band17	5	23825	25	#0	QAM16	22.11	-2.48	-4.63	17.48	34.77	PASS
Band17	10	23780	1	#0	QPSK	24.28	-2.48	-4.63	19.65	34.77	PASS
Band17	10	23780	1	#Mid	QPSK	24.23	-2.48	-4.63	19.60	34.77	PASS
Band17	10	23780	1	#Max	QPSK	24.17	-2.48	-4.63	19.54	34.77	PASS
Band17	10	23780	25	#0	QPSK	23.24	-2.48	-4.63	18.61	34.77	PASS
Band17	10	23780	25	#Mid	QPSK	23.21	-2.48	-4.63	18.58	34.77	PASS
Band17	10	23780	25	#Max	QPSK	23.17	-2.48	-4.63	18.54	34.77	PASS
Band17	10	23780	50	#0	QPSK	23.23	-2.48	-4.63	18.60	34.77	PASS
Band17	10	23780	1	#0	QAM16	23.14	-2.48	-4.63	18.51	34.77	PASS
Band17	10	23780	1	#Mid	QAM16	23.1	-2.48	-4.63	18.47	34.77	PASS
Band17	10	23780	1	#Max	QAM16	23.03	-2.48	-4.63	18.40	34.77	PASS
Band17	10	23780	25	#0	QAM16	22.2	-2.48	-4.63	17.57	34.77	PASS
Band17	10	23780	25	#Mid	QAM16	22.17	-2.48	-4.63	17.54	34.77	PASS
Band17	10	23780	25	#Max	QAM16	22.12	-2.48	-4.63	17.49	34.77	PASS
Band17	10	23780	50	#0	QAM16	22.17	-2.48	-4.63	17.54	34.77	PASS
Band17	10	23790	1	#0	QPSK	24.32	-2.48	-4.63	19.69	34.77	PASS
Band17	10	23790	1	#Mid	QPSK	24.27	-2.48	-4.63	19.64	34.77	PASS
Band17	10	23790	1	#Max	QPSK	24.12	-2.48	-4.63	19.49	34.77	PASS
Band17	10	23790	25	#0	QPSK	23.31	-2.48	-4.63	18.68	34.77	PASS
Band17	10	23790	25	#Mid	QPSK	23.26	-2.48	-4.63	18.63	34.77	PASS
Band17	10	23790	25	#Max	QPSK	23.16	-2.48	-4.63	18.53	34.77	PASS
Band17	10	23790	50	#0	QPSK	23.21	-2.48	-4.63	18.58	34.77	PASS
Band17	10	23790	1	#0	QAM16	23.65	-2.48	-4.63	19.02	34.77	PASS
Band17	10	23790	1	#Mid	QAM16	23.6	-2.48	-4.63	18.97	34.77	PASS
Band17	10	23790	1	#Max	QAM16	23.44	-2.48	-4.63	18.81	34.77	PASS
Band17	10	23790	25	#0	QAM16	22.25	-2.48	-4.63	17.62	34.77	PASS
Band17	10	23790	25	#Mid	QAM16	22.18	-2.48	-4.63	17.55	34.77	PASS
Band17	10	23790	25	#Max	QAM16	22.12	-2.48	-4.63	17.49	34.77	PASS
Band17	10	23790	50	#0	QAM16	22.18	-2.48	-4.63	17.55	34.77	PASS
Band17	10	23800	1	#0	QPSK	24.23	-2.48	-4.63	19.60	34.77	PASS
Band17	10	23800	1	#Mid	QPSK	24.2	-2.48	-4.63	19.57	34.77	PASS
Band17	10	23800	1	#Max	QPSK	24.02	-2.48	-4.63	19.39	34.77	PASS
Band17	10	23800	25	#0	QPSK	23.29	-2.48	-4.63	18.66	34.77	PASS
Band17	10	23800	25	#Mid	QPSK	23.2	-2.48	-4.63	18.57	34.77	PASS
Band17	10	23800	25	#Max	QPSK	23.14	-2.48	-4.63	18.51	34.77	PASS
Band17	10	23800	50	#0	QPSK	23.22	-2.48	-4.63	18.59	34.77	PASS
Band17	10	23800	1	#0	QAM16	23.4	-2.48	-4.63	18.77	34.77	PASS
Band17	10	23800	1	#Mid	QAM16	23.38	-2.48	-4.63	18.75	34.77	PASS
Band17	10	23800	1	#Max	QAM16	23.28	-2.48	-4.63	18.65	34.77	PASS
Band17	10	23800	25	#0	QAM16	22.23	-2.48	-4.63	17.60	34.77	PASS

Band17	10	23800	25	#Mid	QAM16	22.15	-2.48	-4.63	17.52	34.77	PASS
Band17	10	23800	25	#Max	QAM16	22.09	-2.48	-4.63	17.46	34.77	PASS
Band17	10	23800	50	#0	QAM16	22.19	-2.48	-4.63	17.56	34.77	PASS

2 Frequency stability

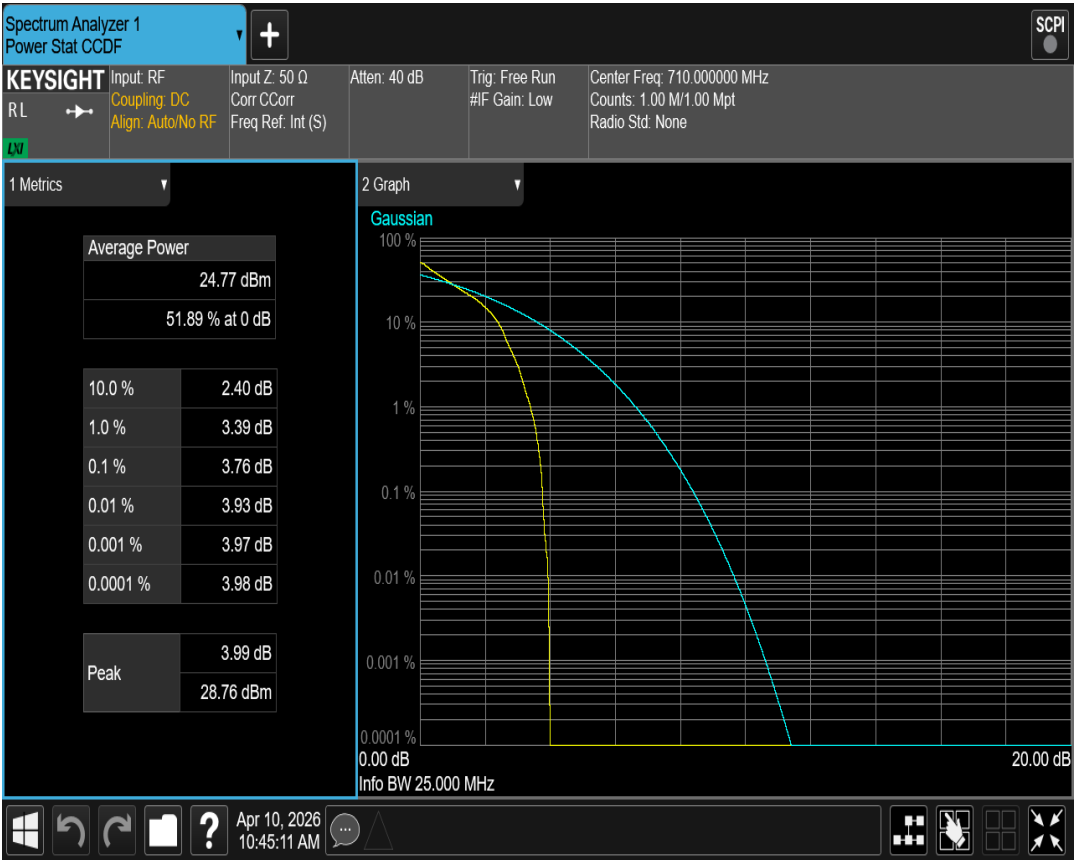
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result(Hz)</i>	<i>Result (ppm)</i>	<i>Low Limit (ppm)</i>	<i>high Limit (ppm)</i>	<i>Verdict</i>
Band17	10	23780	50	#0	QPSK	-2.14	-0.003	-2.5	2.5	PASS
Band17	10	23780	50	#0	QAM16	-2.64	-0.004	-2.5	2.5	PASS
Band17	10	23790	50	#0	QPSK	-2.03	-0.003	-2.5	2.5	PASS
Band17	10	23790	50	#0	QAM16	-1.54	-0.002	-2.5	2.5	PASS
Band17	10	23800	50	#0	QPSK	-2.14	-0.003	-2.5	2.5	PASS
Band17	10	23800	50	#0	QAM16	-1.08	-0.002	-2.5	2.5	PASS

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

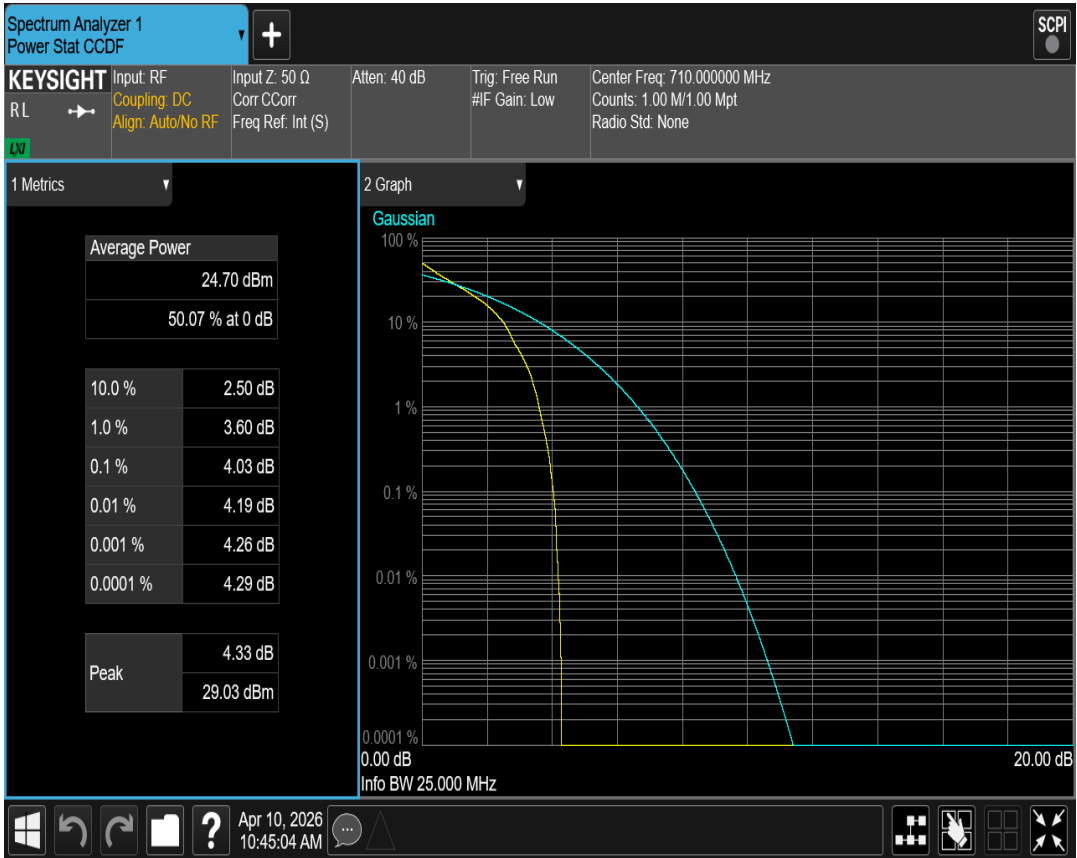
3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band17	5	23790	1	#0	QPSK	4.03	13	PASS
Band17	5	23790	1	#0	QAM16	4.78	13	PASS
Band17	10	23790	1	#0	QPSK	3.76	13	PASS
Band17	10	23790	1	#0	QAM16	4.60	13	PASS

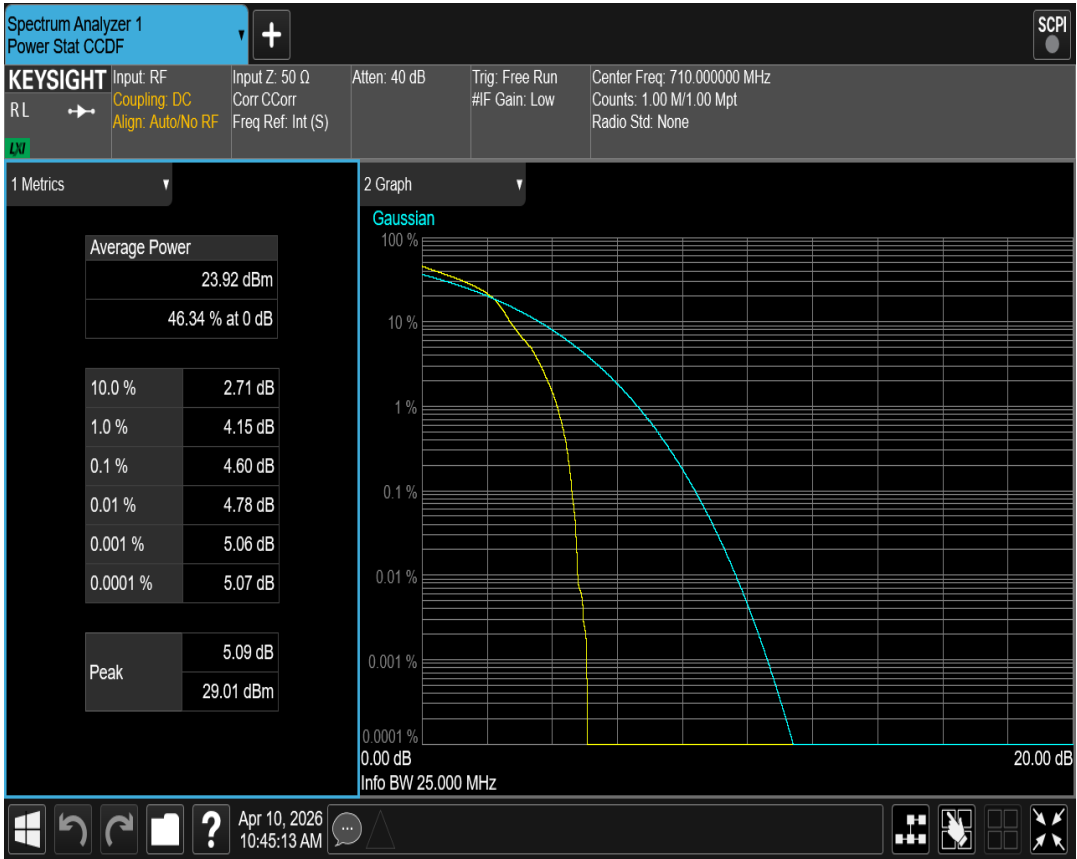
Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0



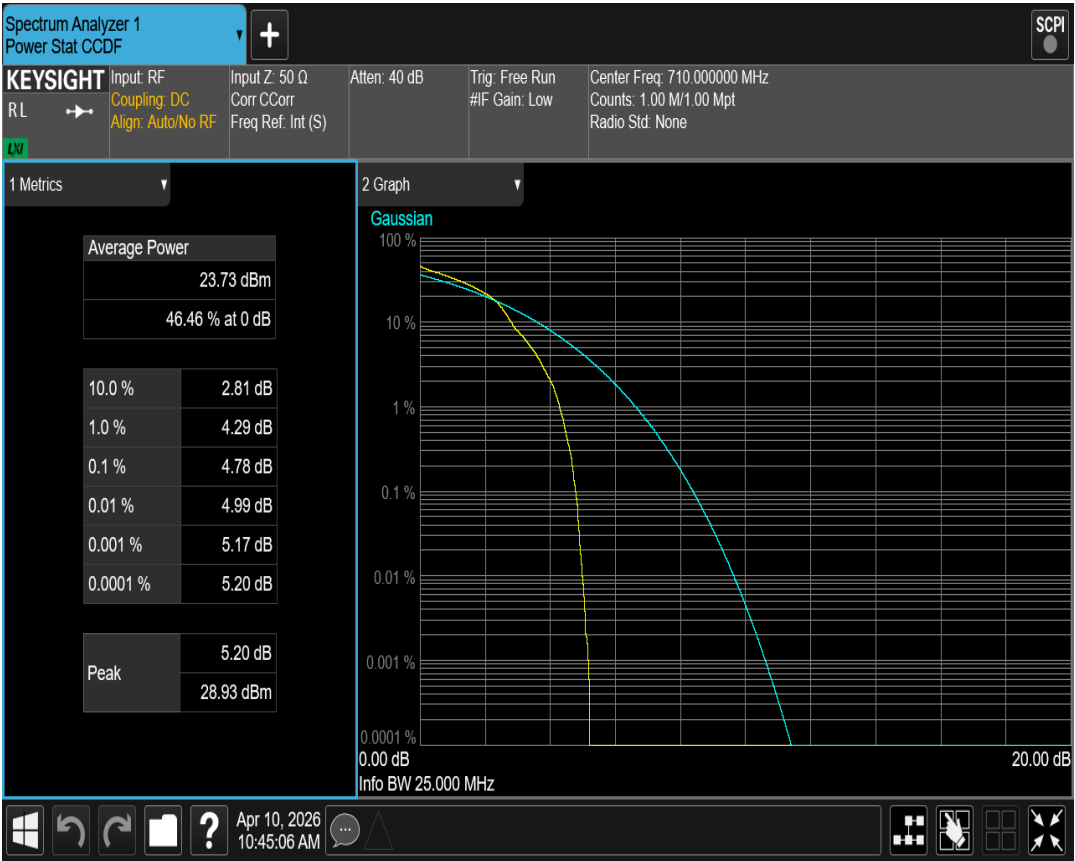
Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0



Band17 QAM16 BW=10MHz Channel=23790 RB Size=1 Position=#0



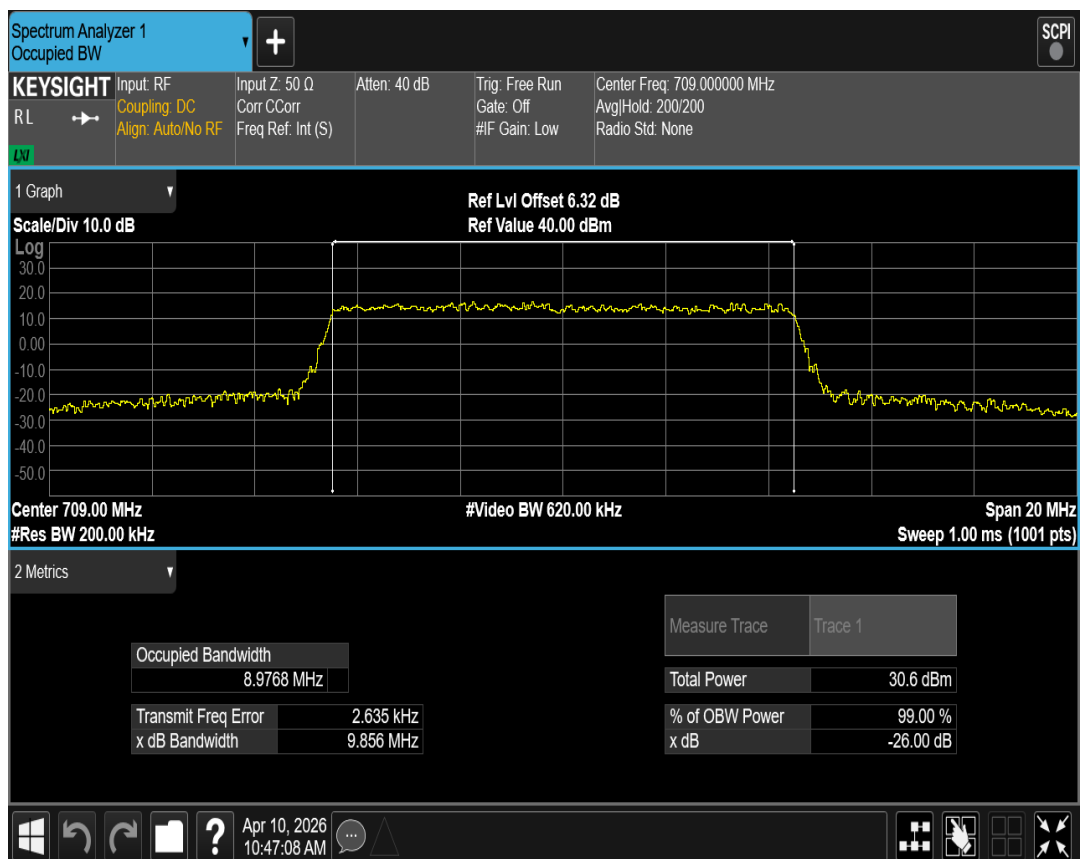
Band17 QAM16 BW=5MHz Channel=23790 RB Size=1 Position=#0



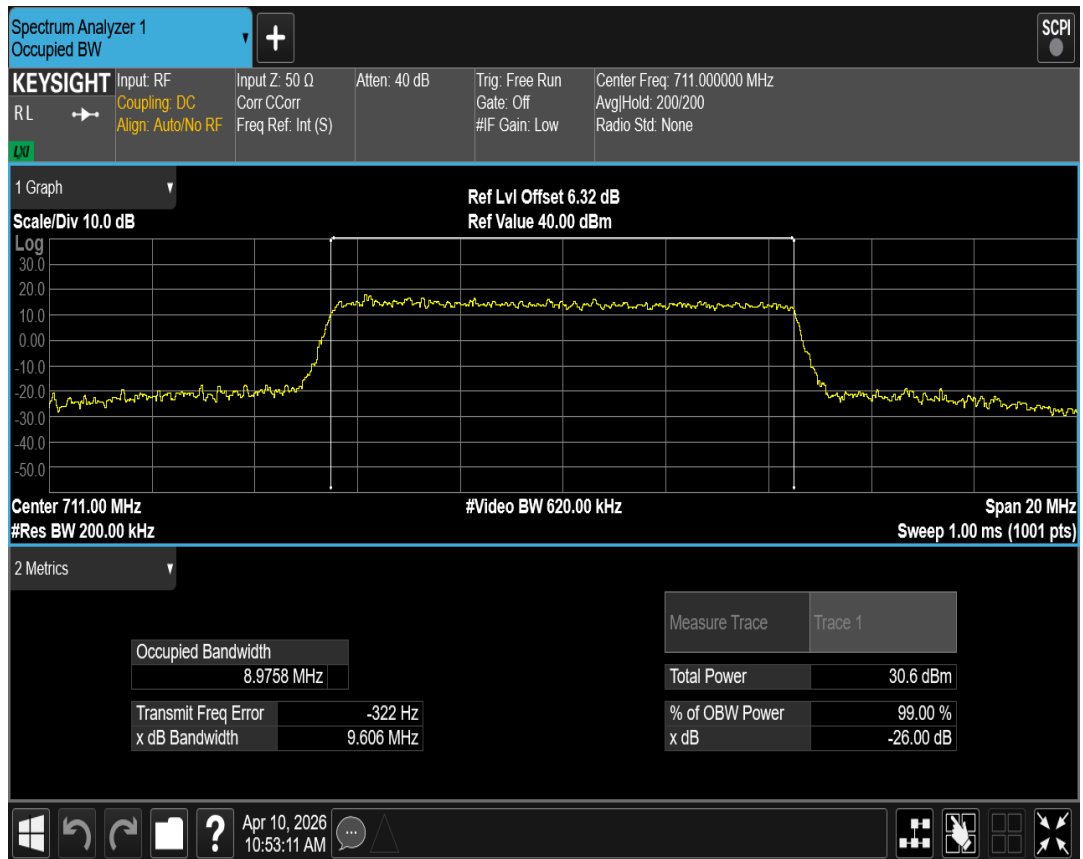
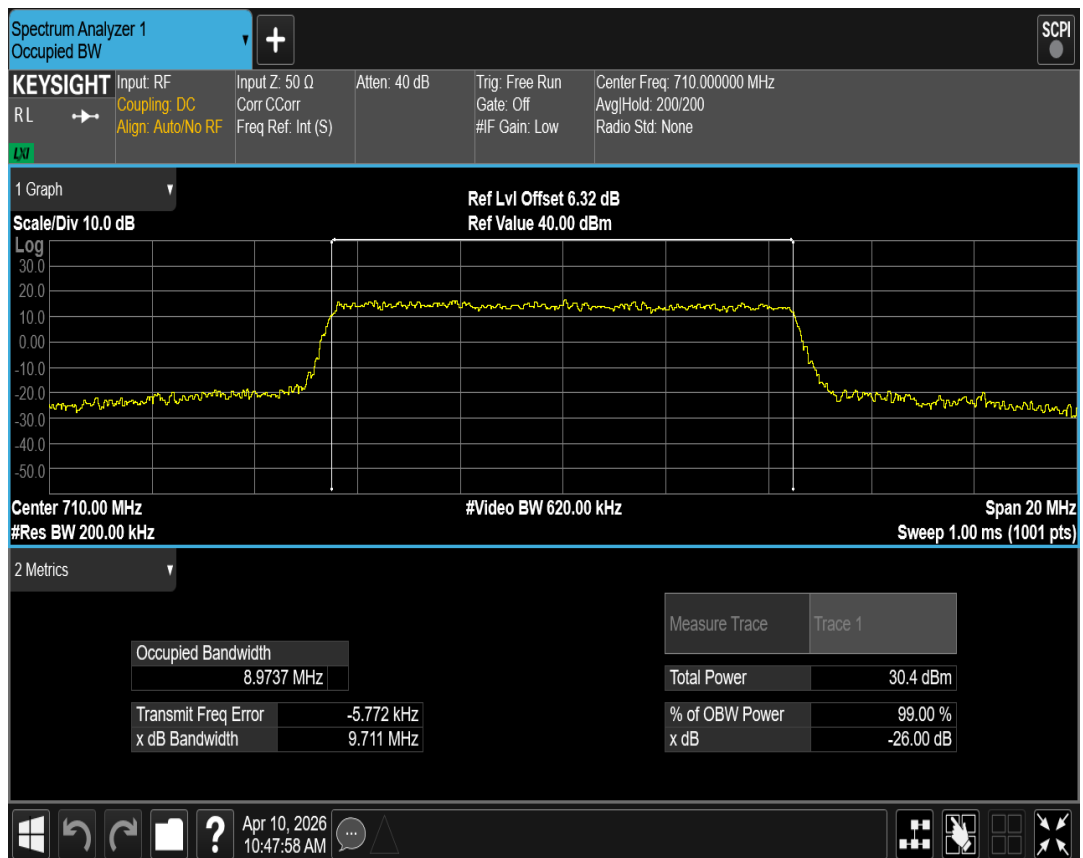
4 Occupied bandwidth

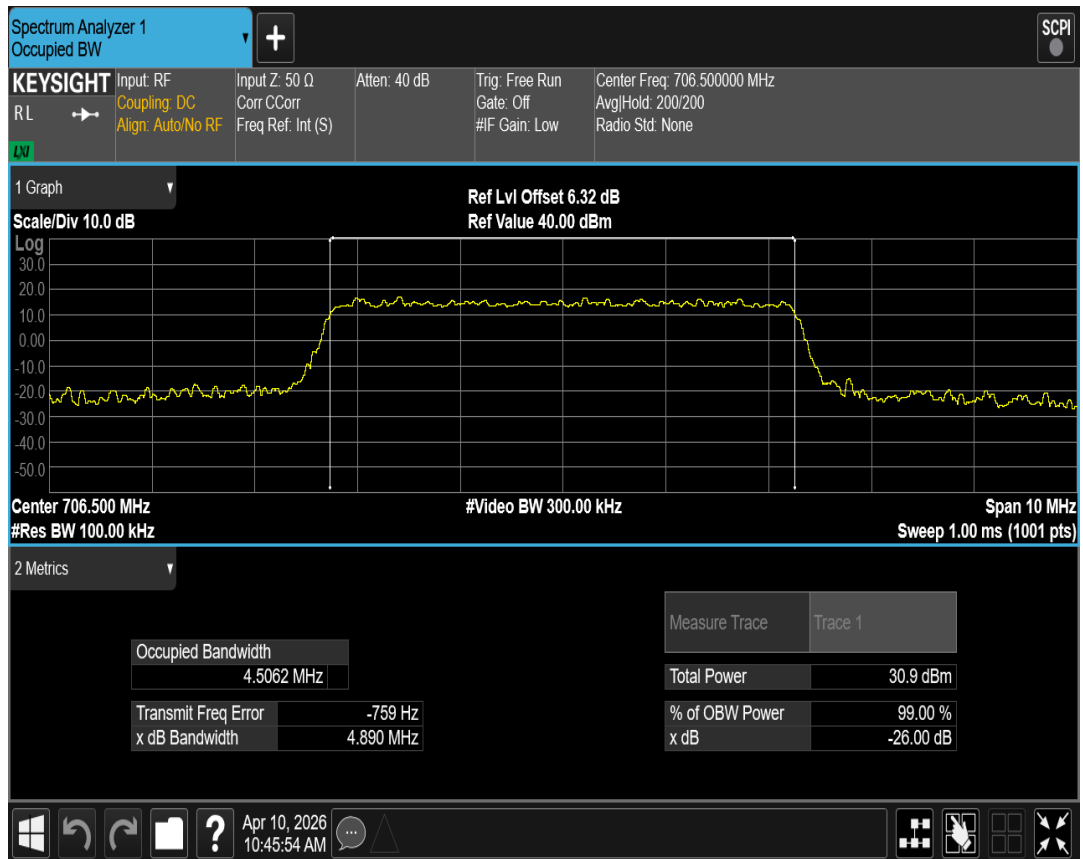
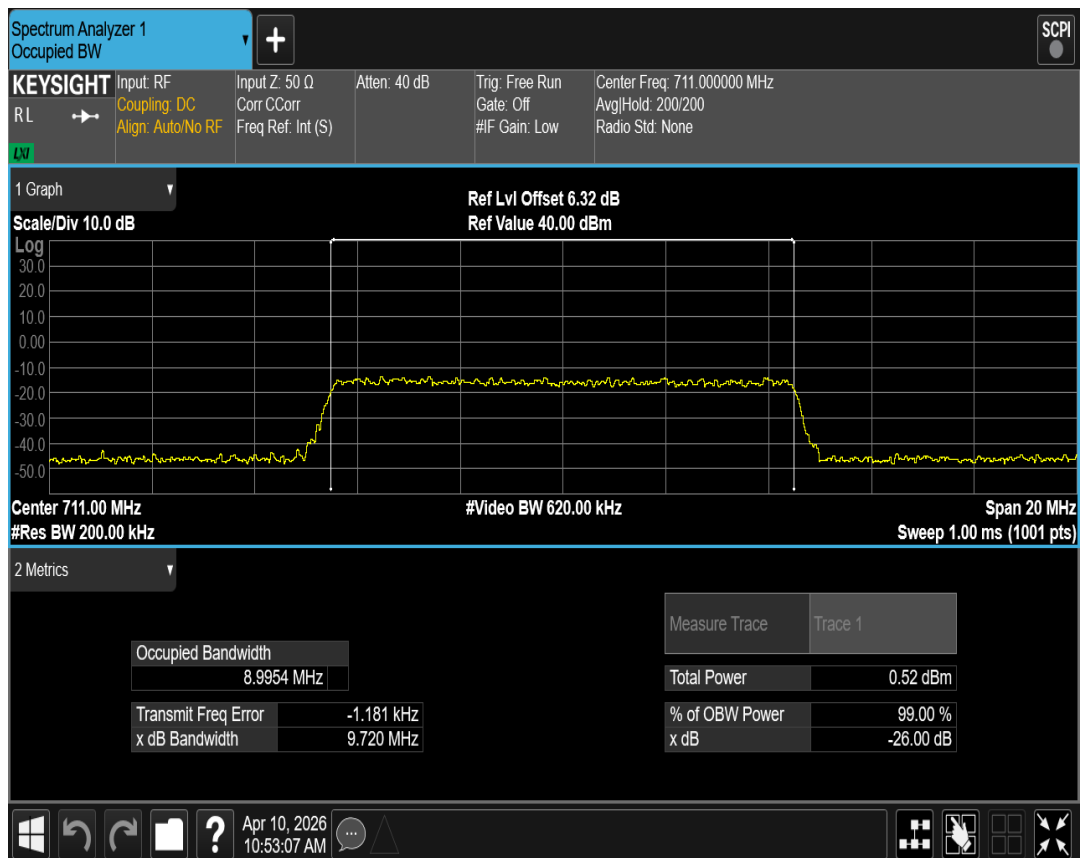
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band17	5	23755	25	#0	QPSK	4.532	4.908	PASS
Band17	5	23755	25	#0	QAM16	4.506	4.890	PASS
Band17	5	23790	25	#0	QPSK	4.506	4.943	PASS
Band17	5	23790	25	#0	QAM16	4.509	4.950	PASS
Band17	5	23825	25	#0	QPSK	4.513	4.903	PASS
Band17	5	23825	25	#0	QAM16	4.520	4.918	PASS
Band17	10	23780	50	#0	QPSK	8.979	9.667	PASS
Band17	10	23780	50	#0	QAM16	8.977	9.856	PASS
Band17	10	23790	50	#0	QPSK	8.972	9.691	PASS
Band17	10	23790	50	#0	QAM16	8.974	9.711	PASS
Band17	10	23800	50	#0	QPSK	8.995	9.720	PASS
Band17	10	23800	50	#0	QAM16	8.976	9.606	PASS

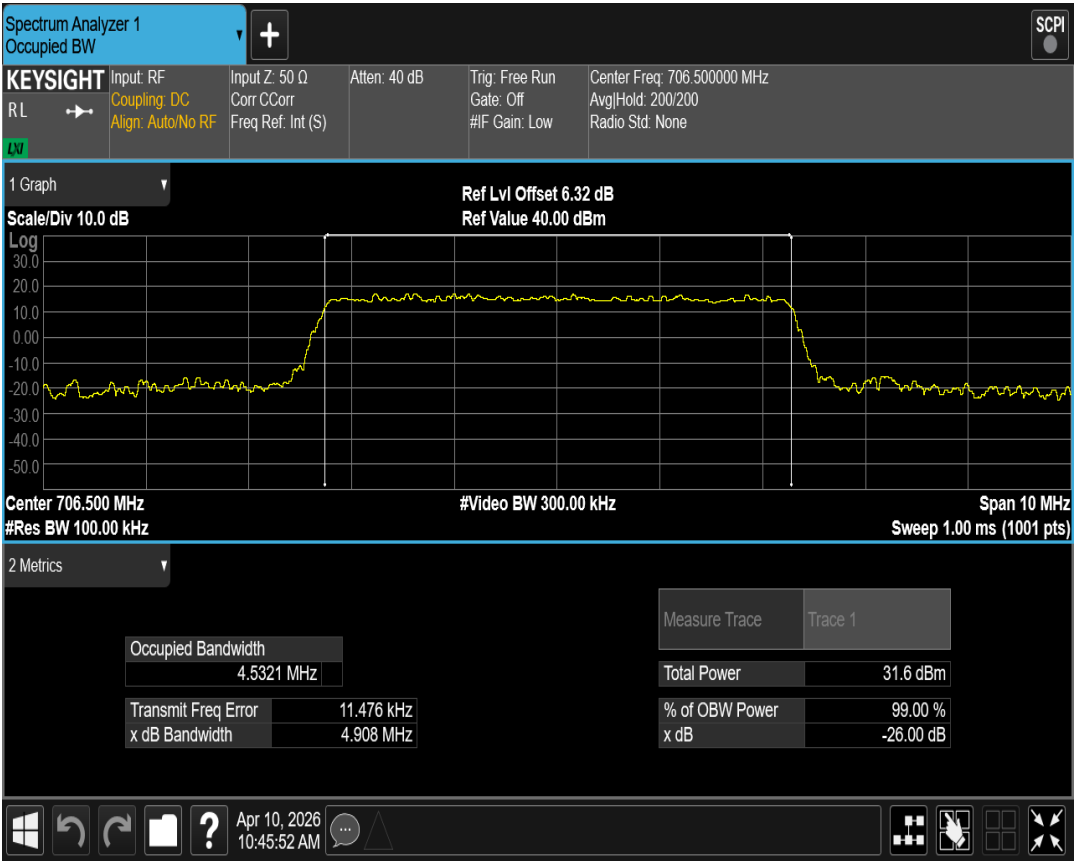
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



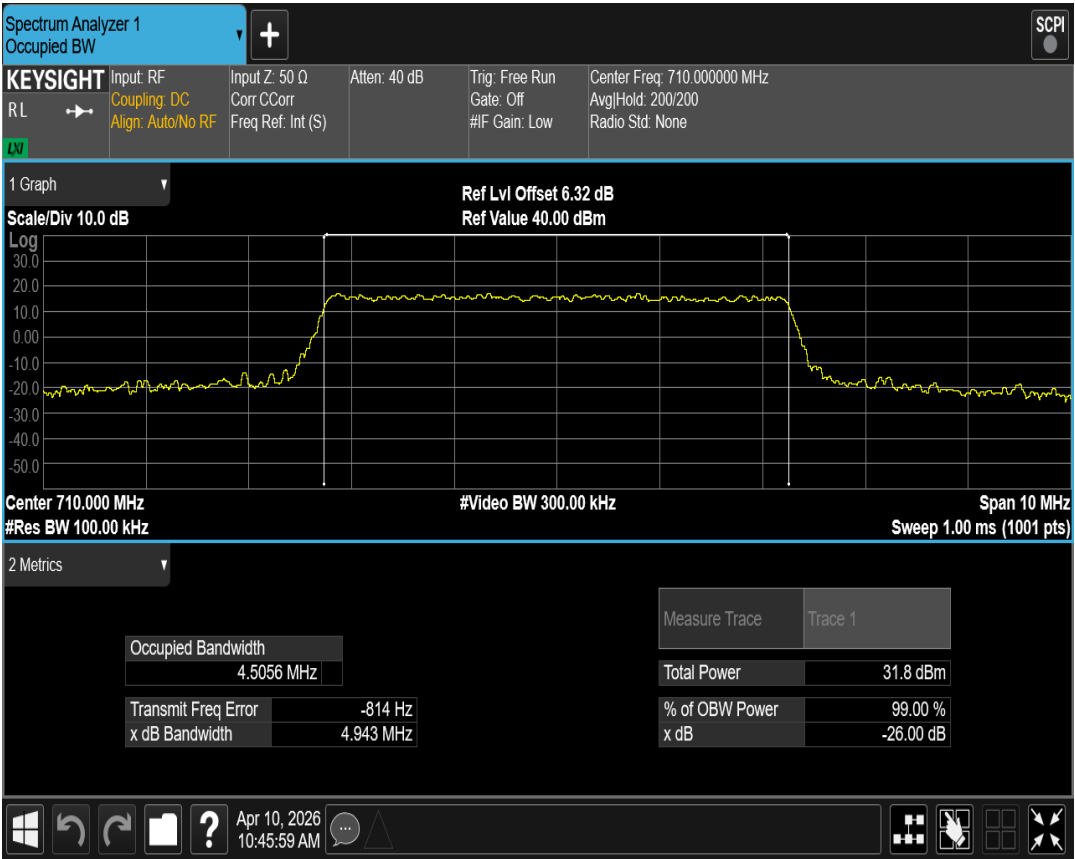
Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0

**Band17 QAM16 BW=10MHz Channel=23790 RB Size=50 Position=#0****Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0**

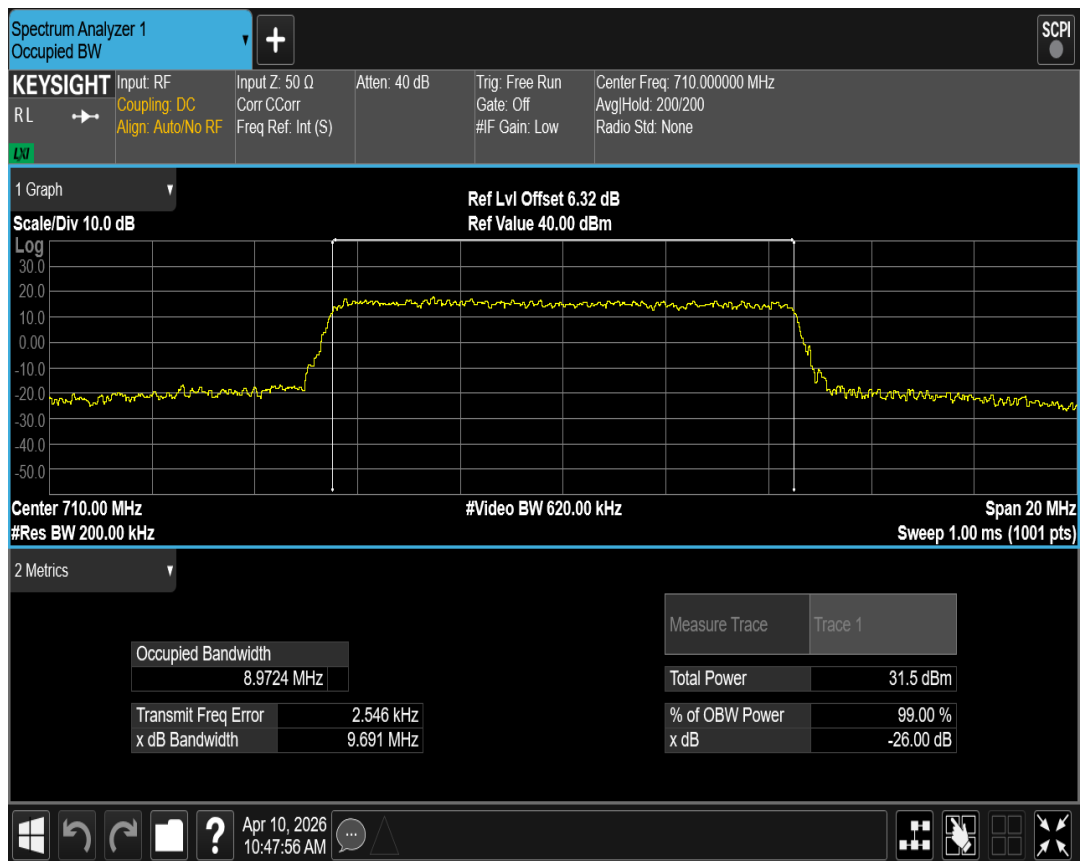
**Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0****Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0**



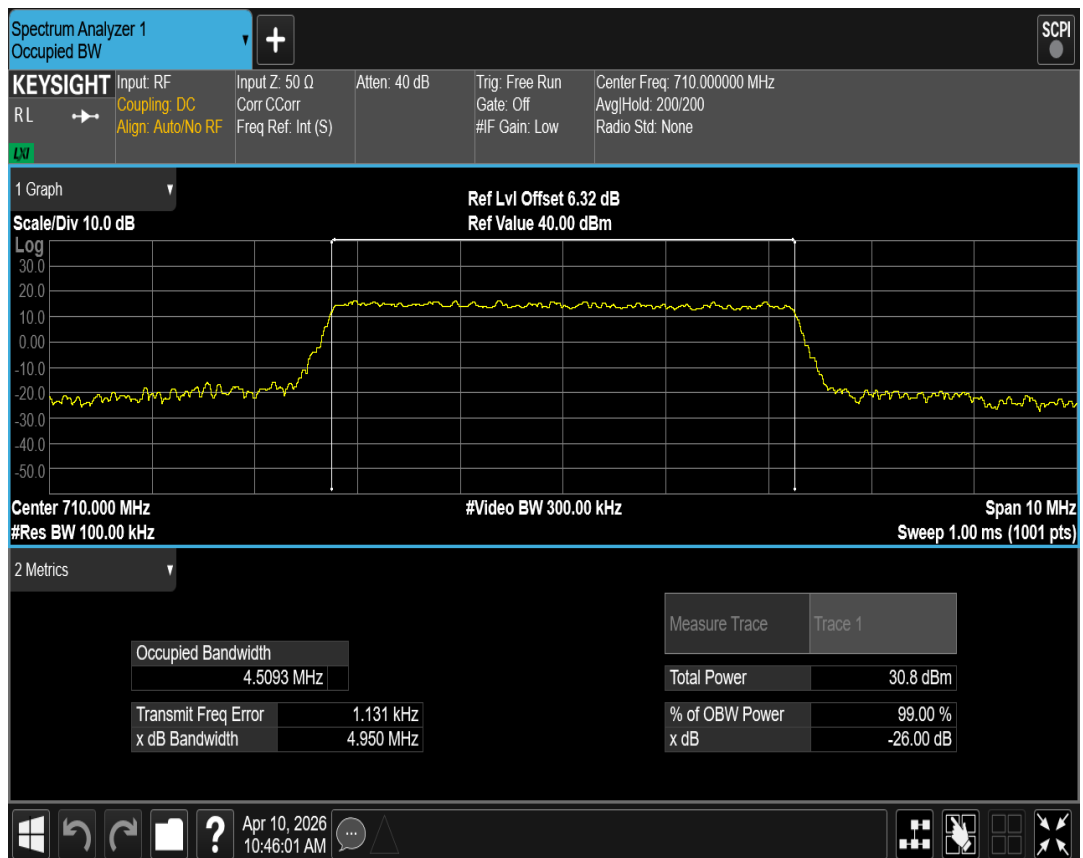
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



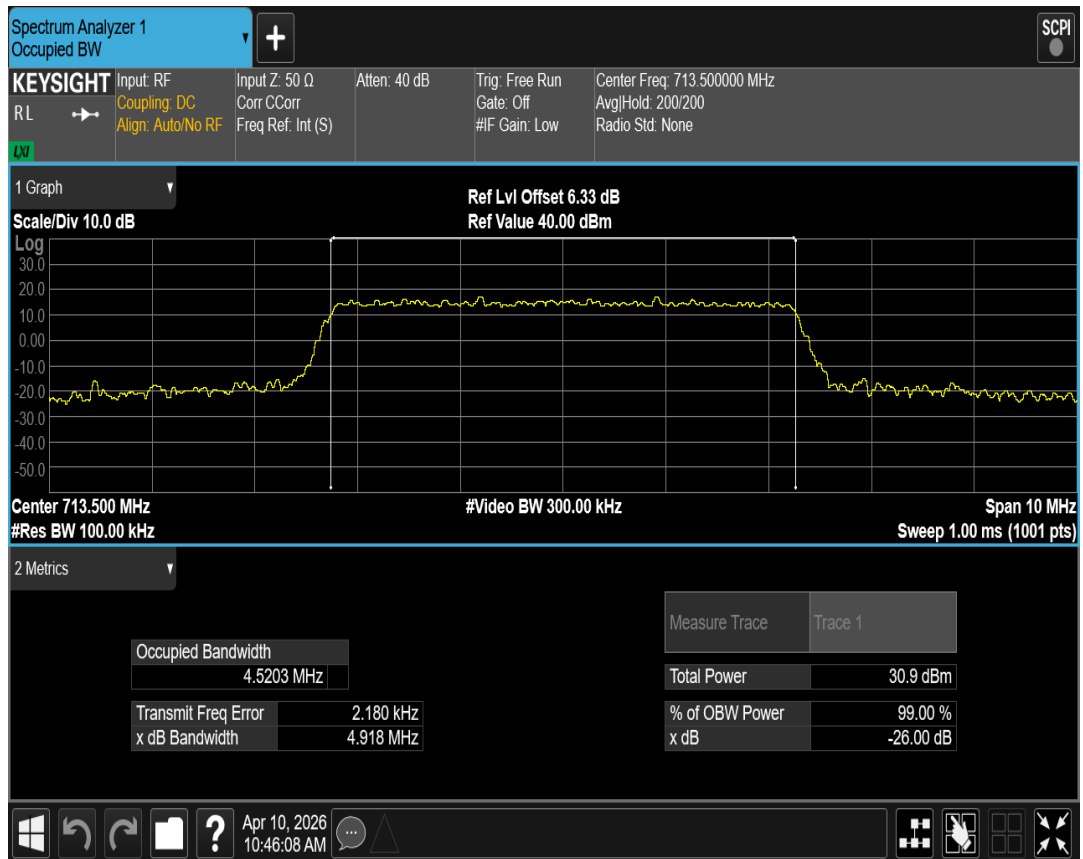
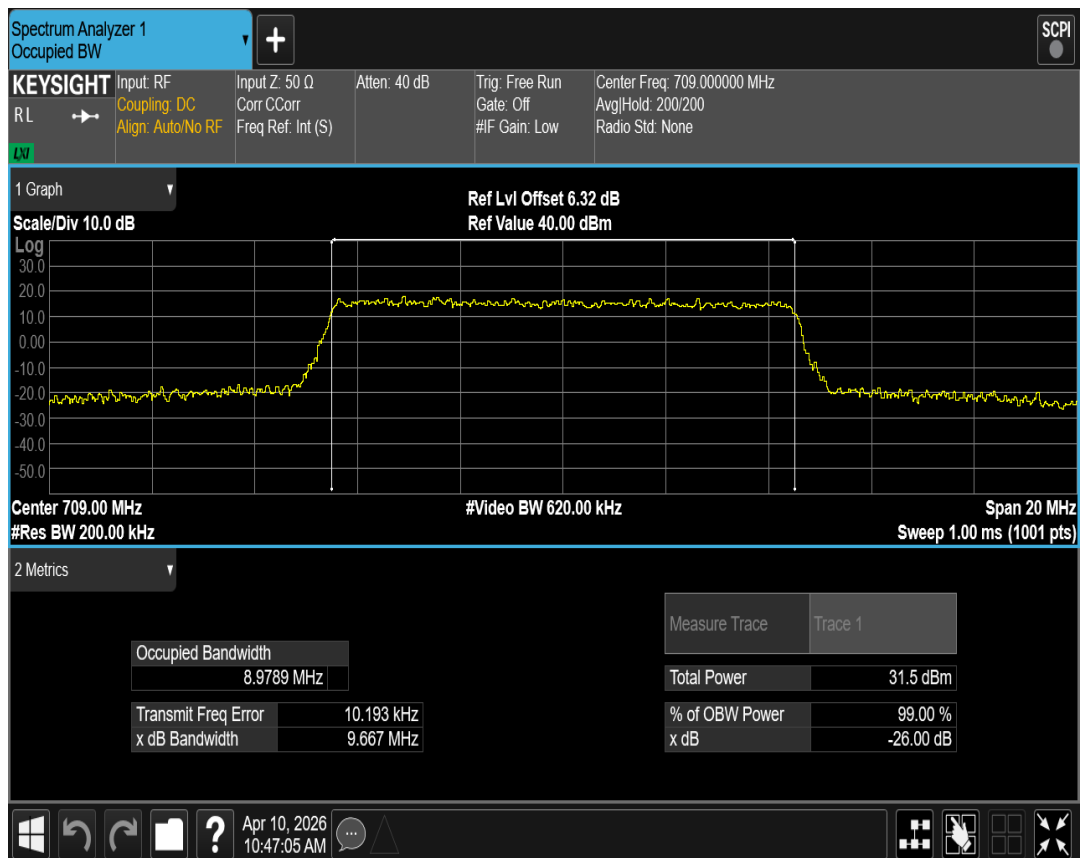
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0

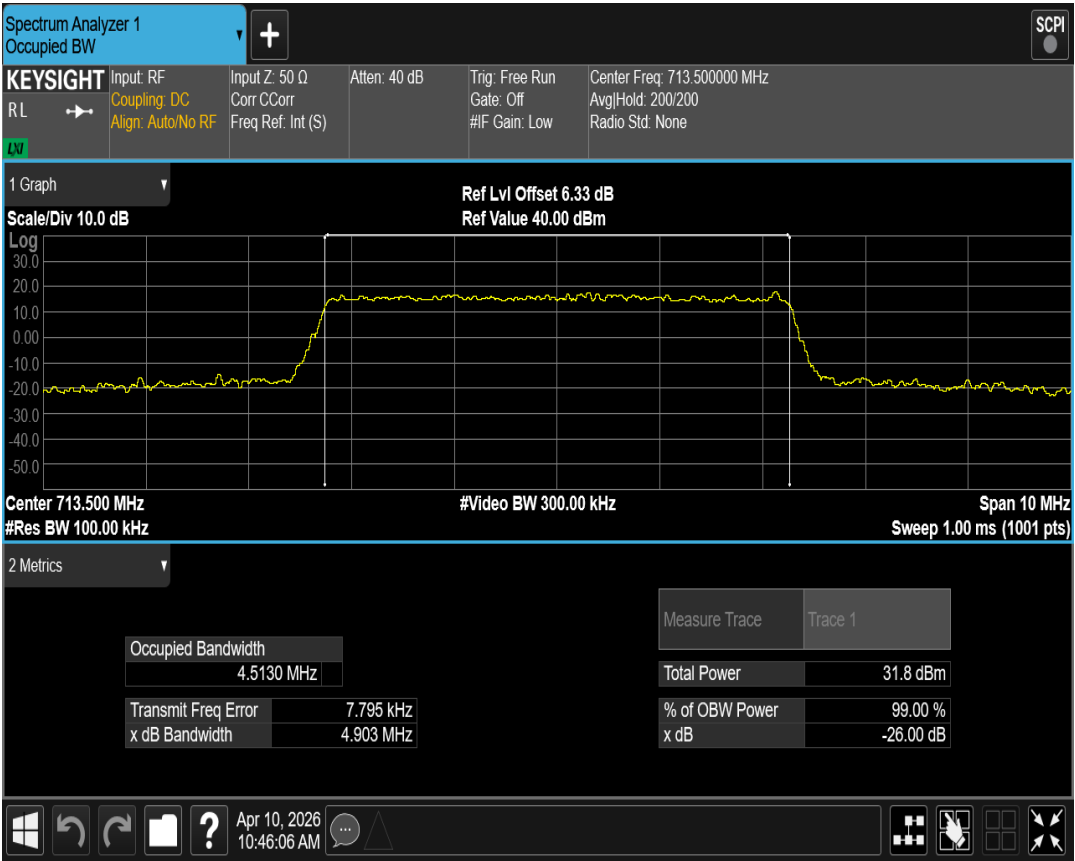


Band17 QAM16 BW=5MHz Channel=23790 RB Size=25 Position=#0



Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0

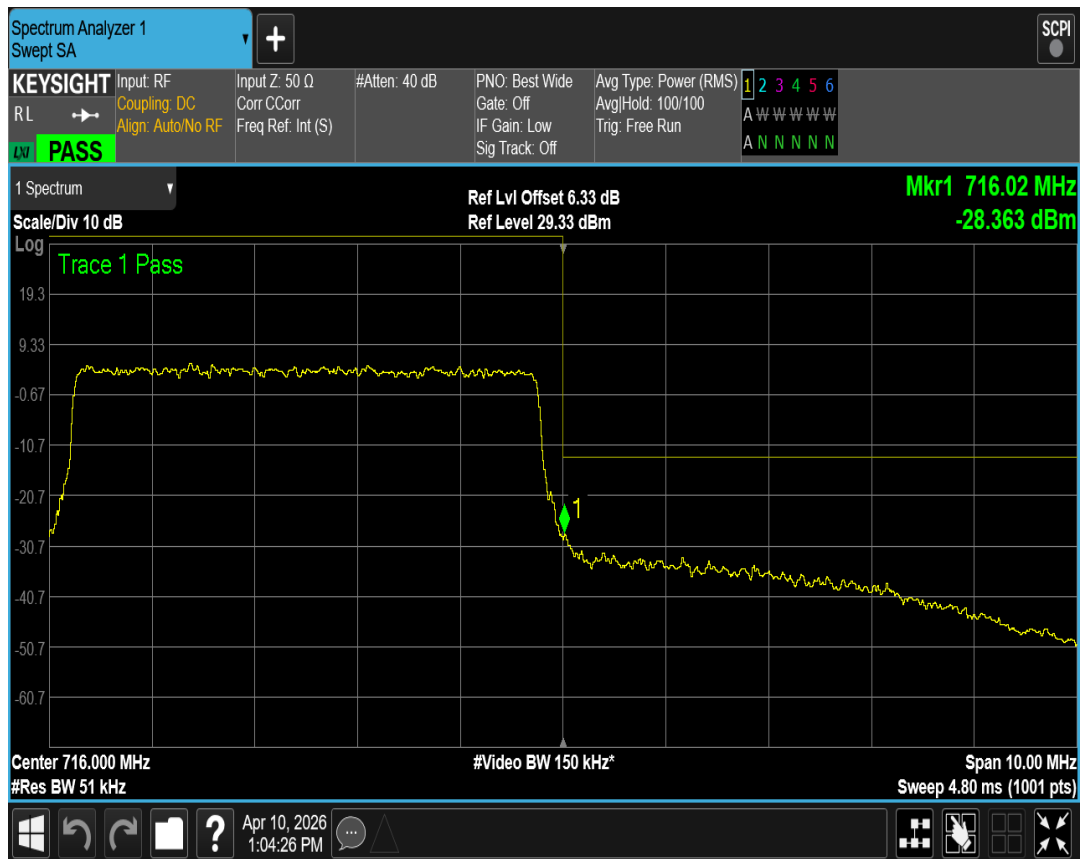
**Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0****Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0**



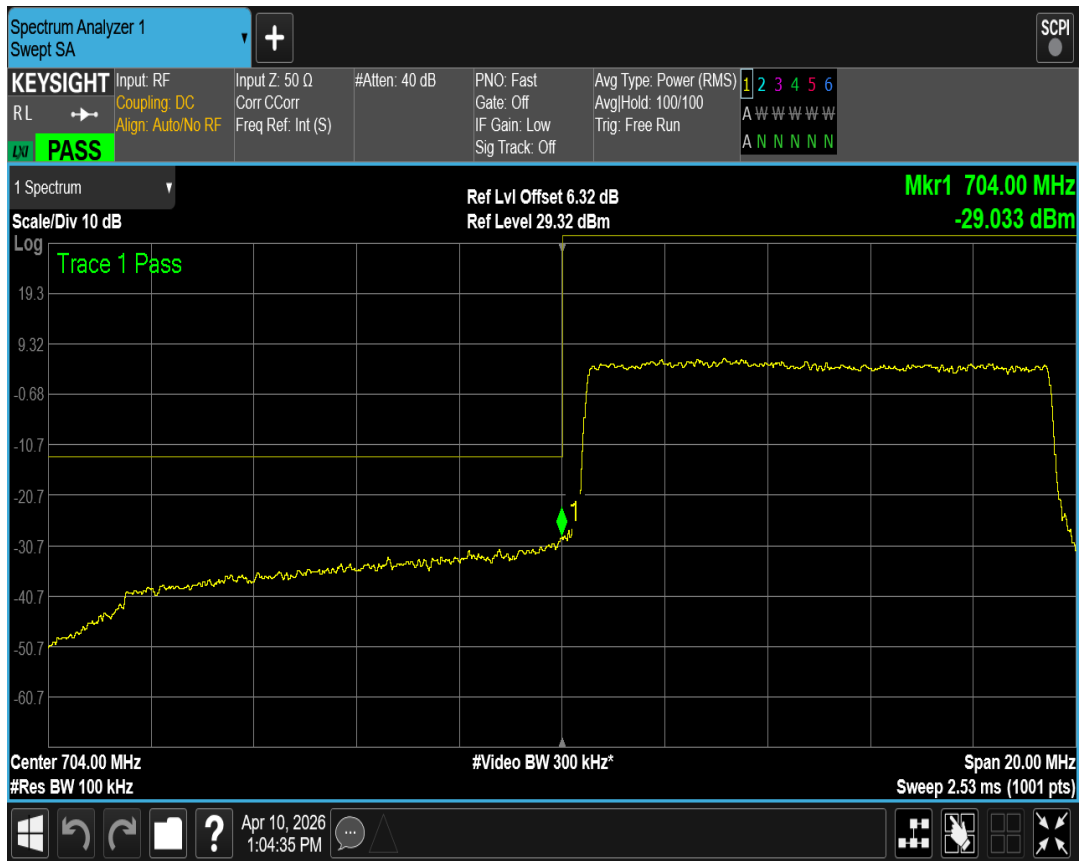
5 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band17	5	23755	25	#0	QPSK	703.98	-21.93	-13	PASS
Band17	5	23755	25	#0	QAM16	704.00	-29.15	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-27.36	-13	PASS
Band17	5	23825	25	#0	QAM16	716.02	-28.36	-13	PASS
Band17	10	23780	50	#0	QPSK	704.00	-29.03	-13	PASS
Band17	10	23780	50	#0	QAM16	704.00	-32.89	-13	PASS
Band17	10	23800	50	#0	QPSK	716.06	-30.93	-13	PASS
Band17	10	23800	50	#0	QAM16	716.00	-31.71	-13	PASS

Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0



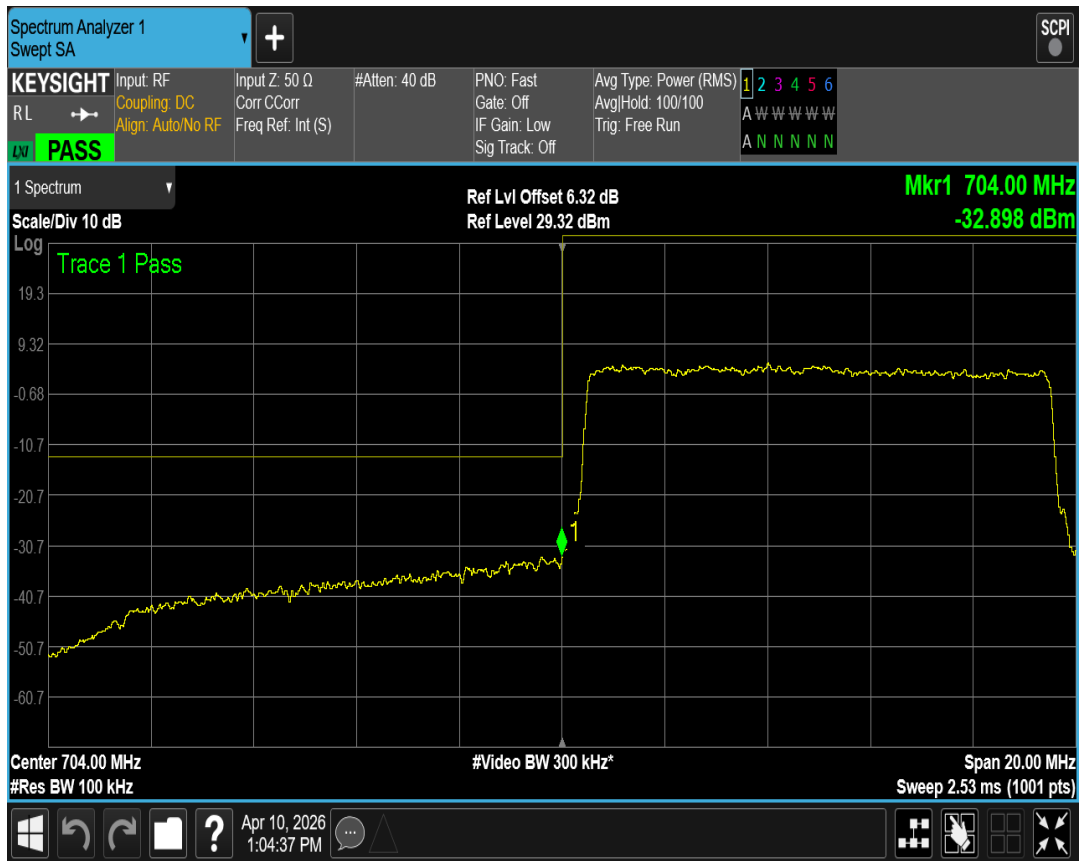
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



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



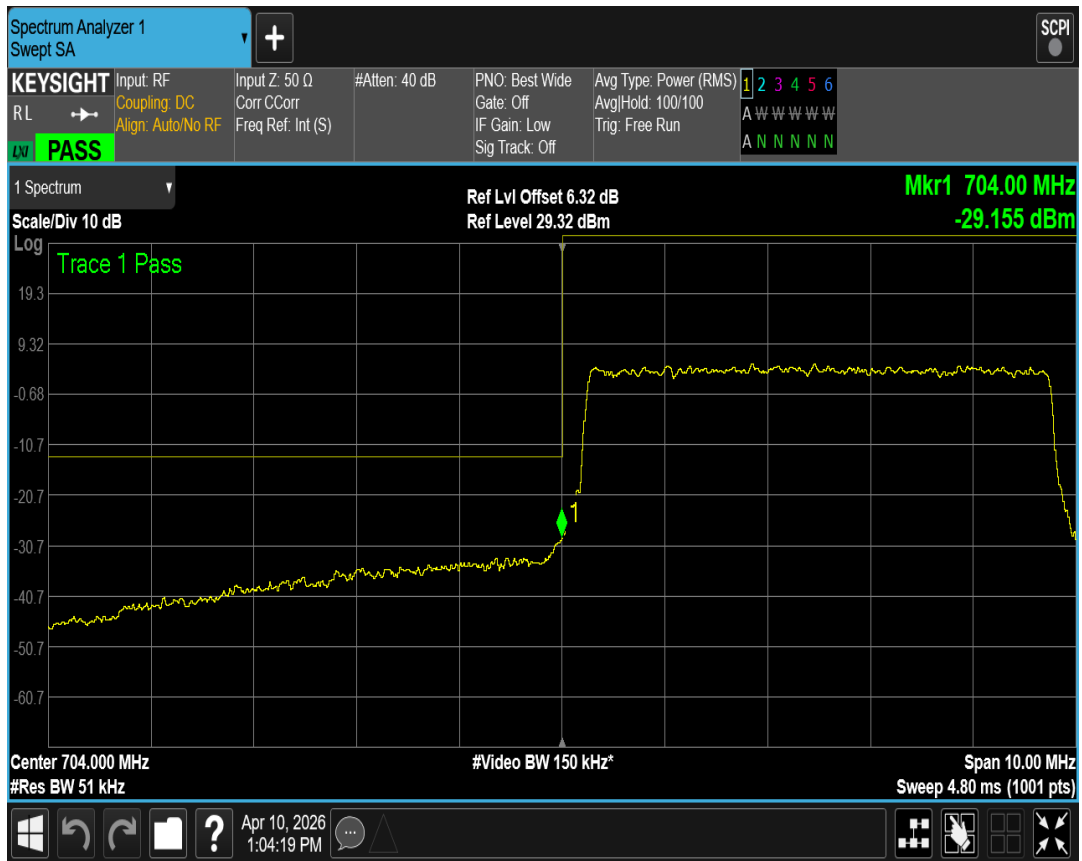
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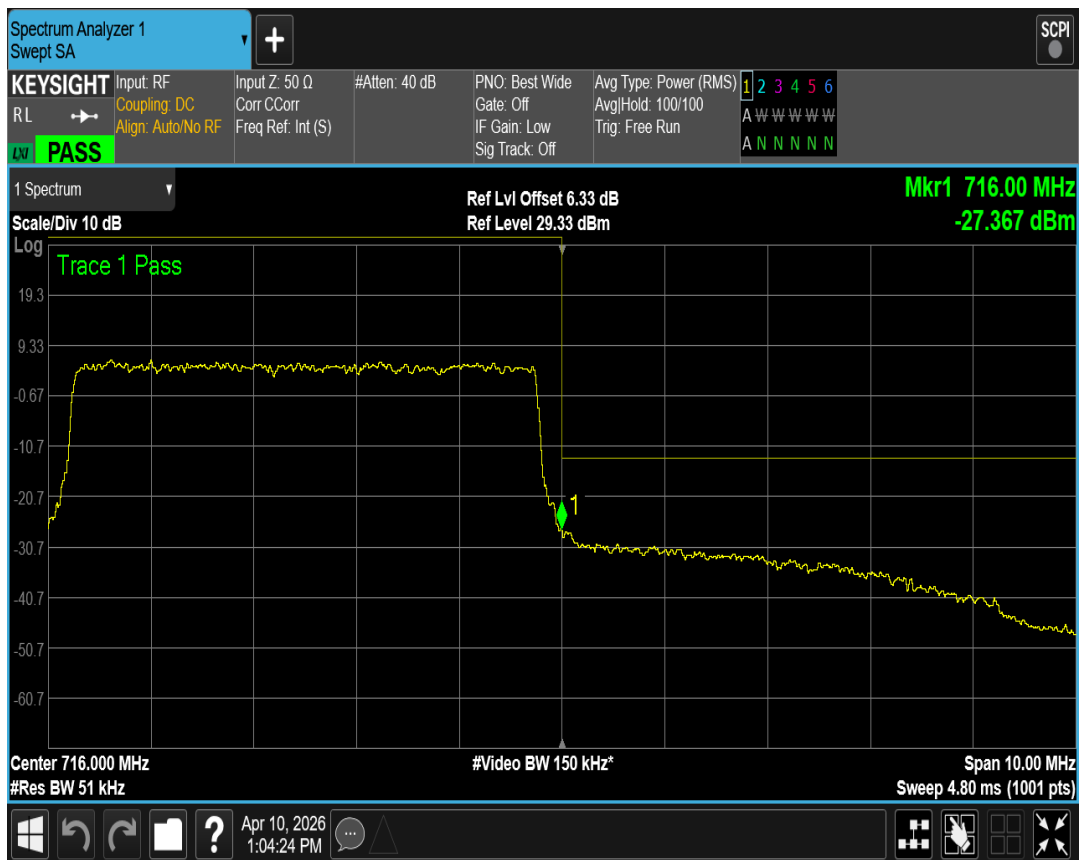
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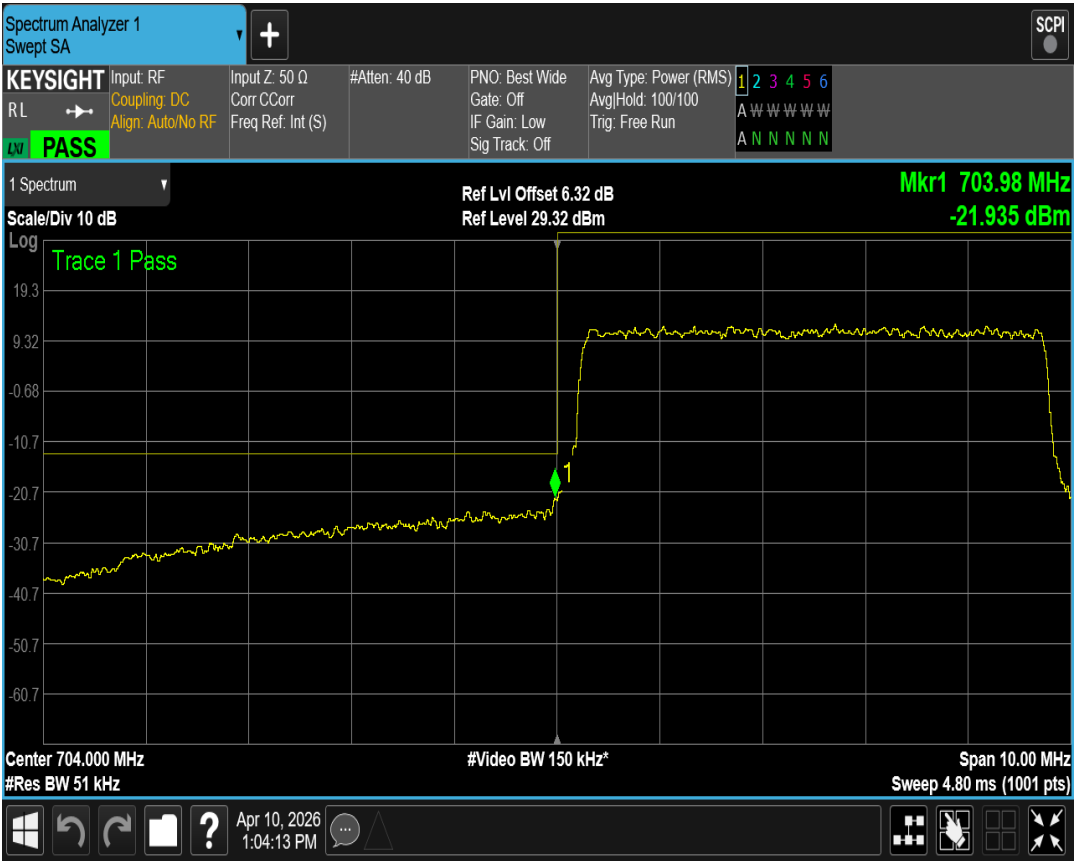
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Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



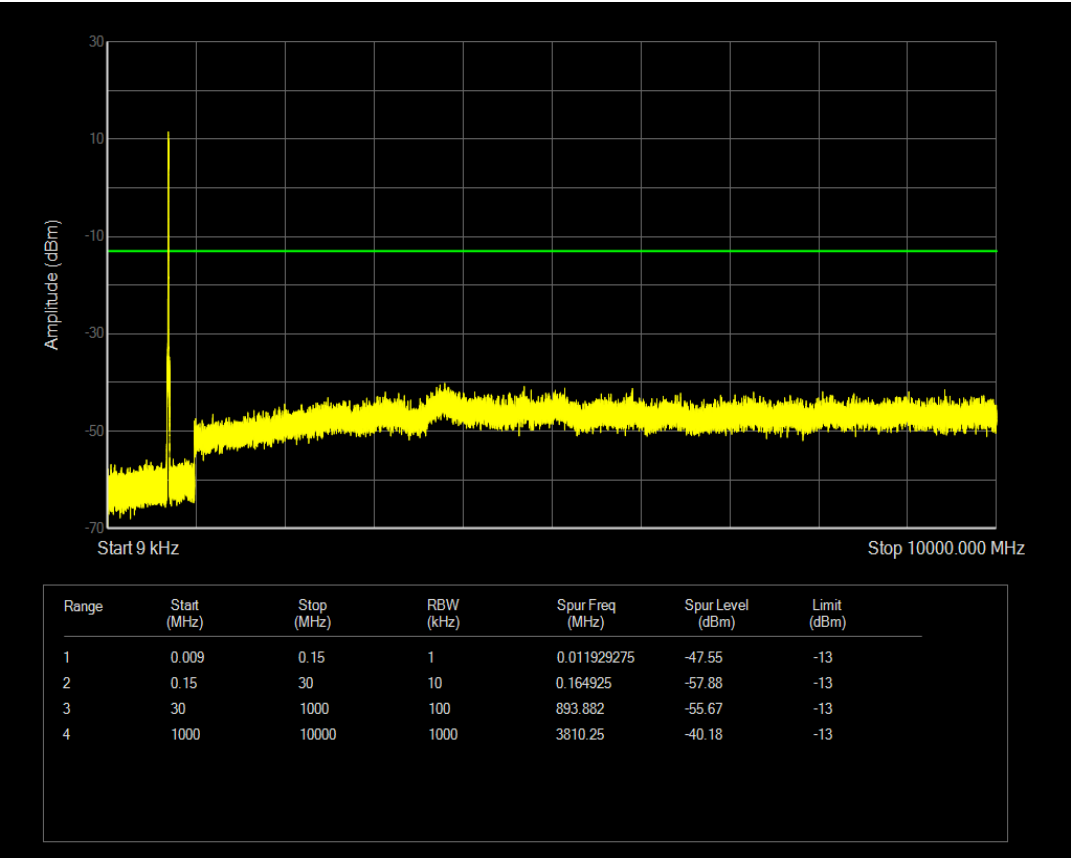
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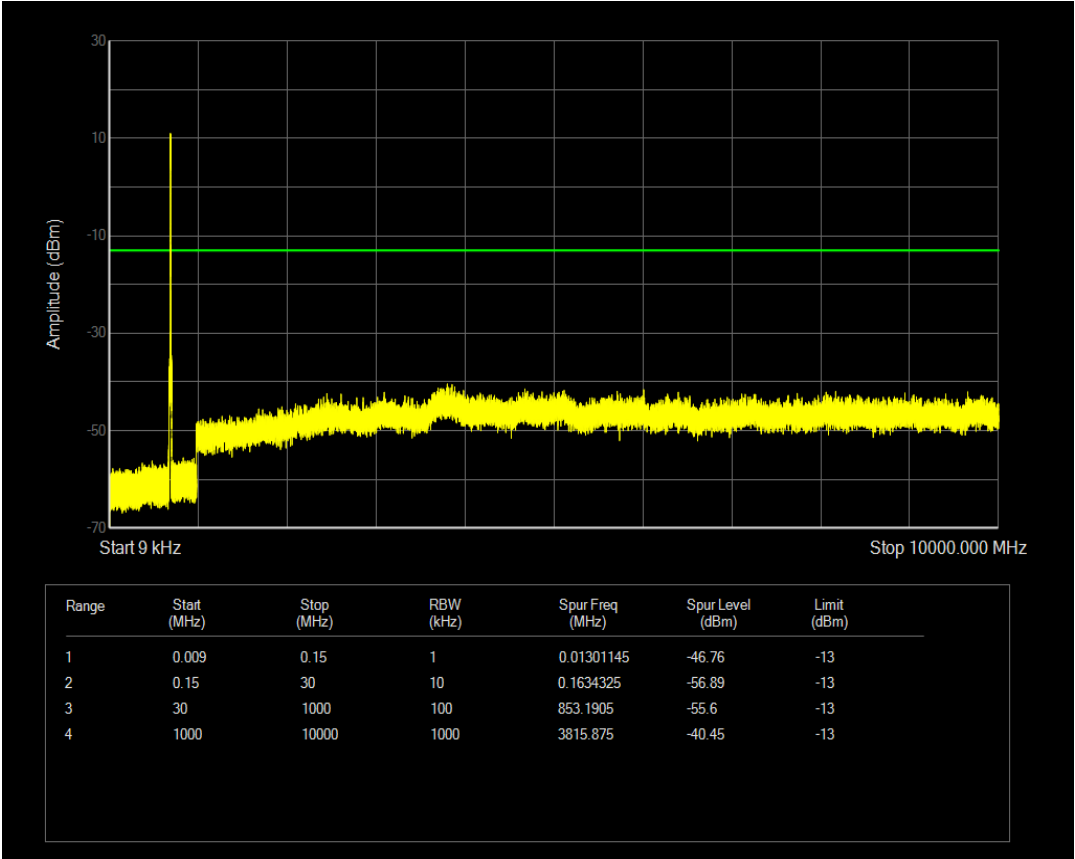
6 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band17	5	23755	25	#0	QPSK	3788.20	-40.53	-13	PASS
Band17	5	23755	25	#0	QAM16	3893.95	-40.81	-13	PASS
Band17	5	23825	25	#0	QPSK	3768.18	-41.14	-13	PASS
Band17	5	23825	25	#0	QAM16	3711.70	-39.90	-13	PASS
Band17	10	23780	50	#0	QPSK	3761.20	-40.29	-13	PASS
Band17	10	23780	50	#0	QAM16	3810.25	-40.18	-13	PASS
Band17	10	23800	50	#0	QPSK	3739.15	-39.32	-13	PASS
Band17	10	23800	50	#0	QAM16	3815.88	-40.45	-13	PASS

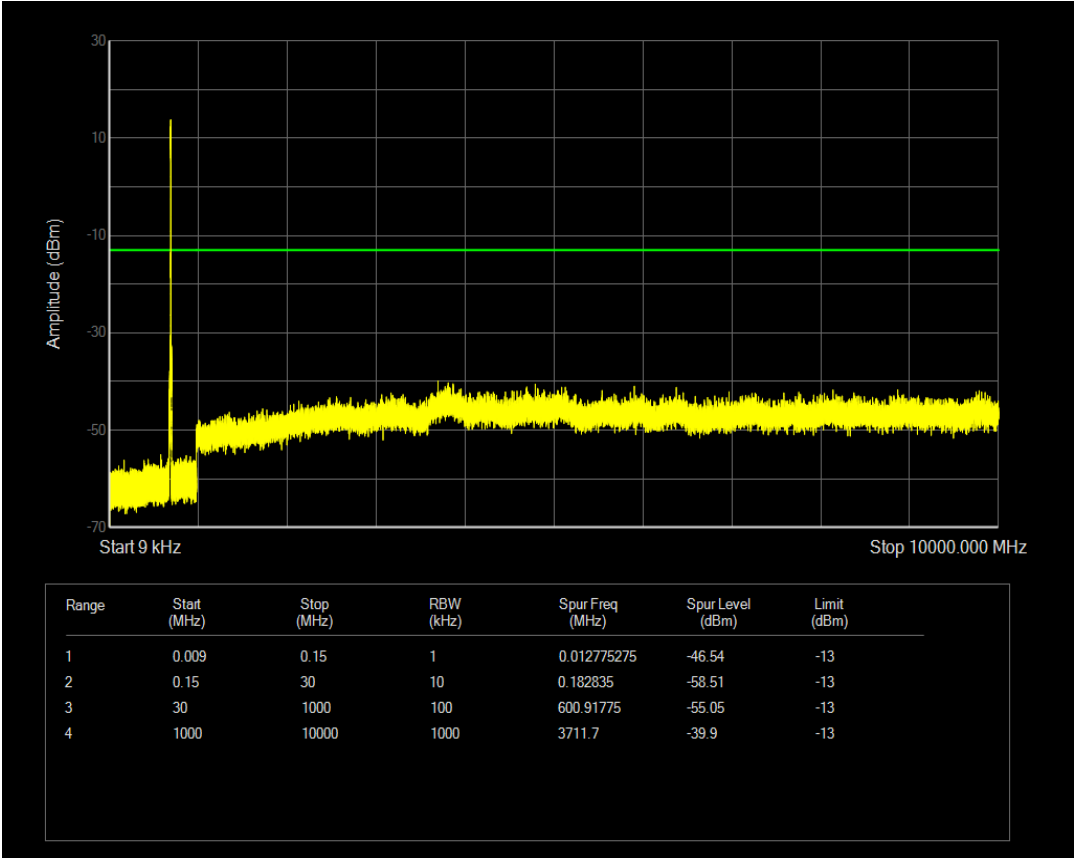
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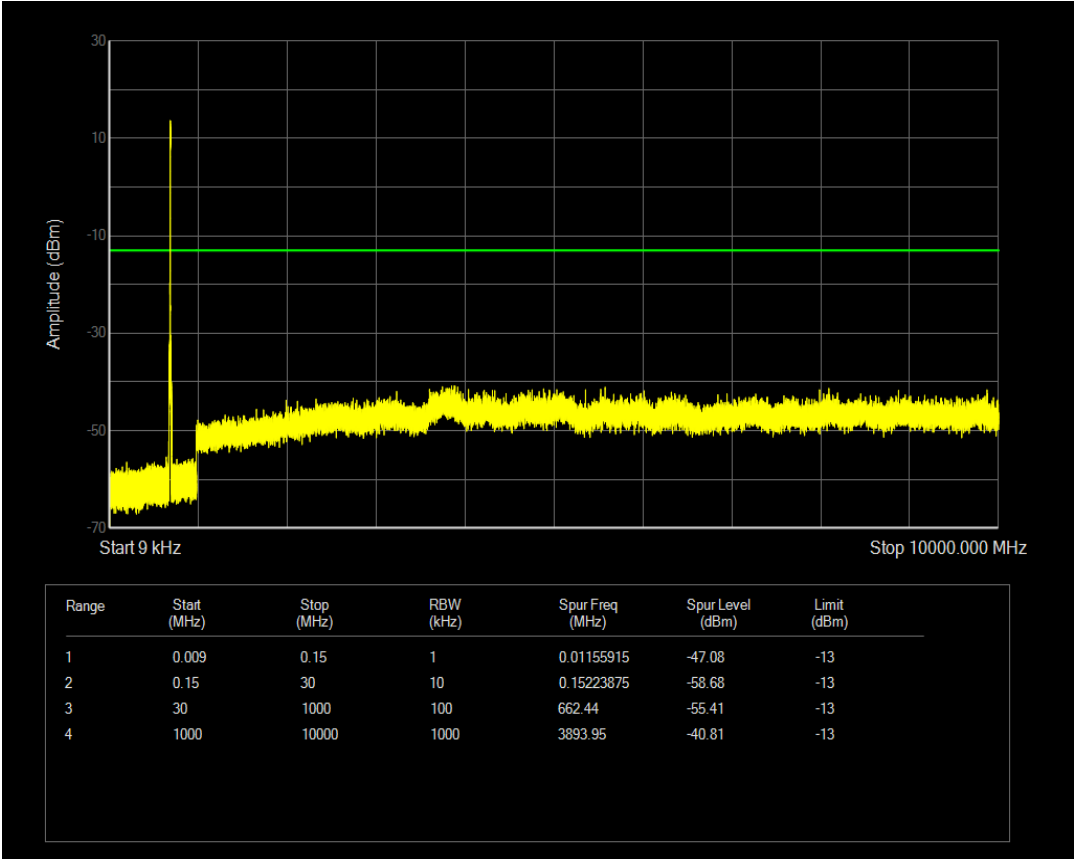
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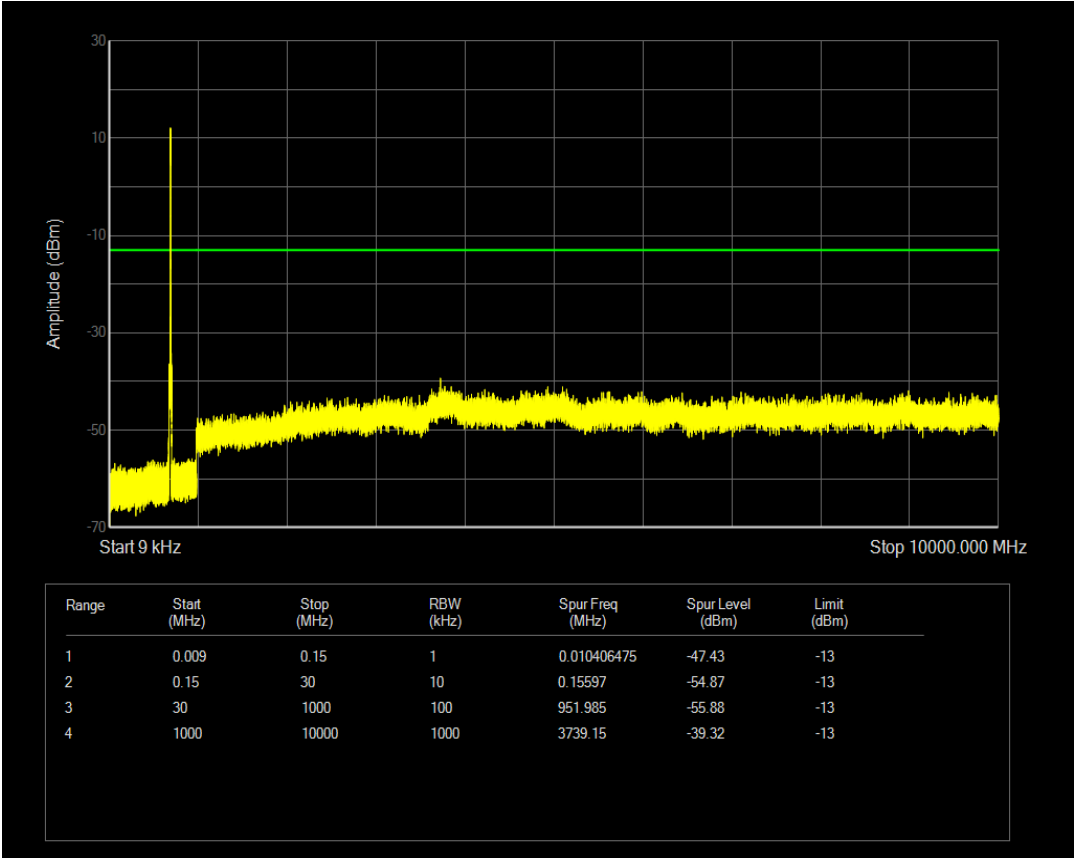
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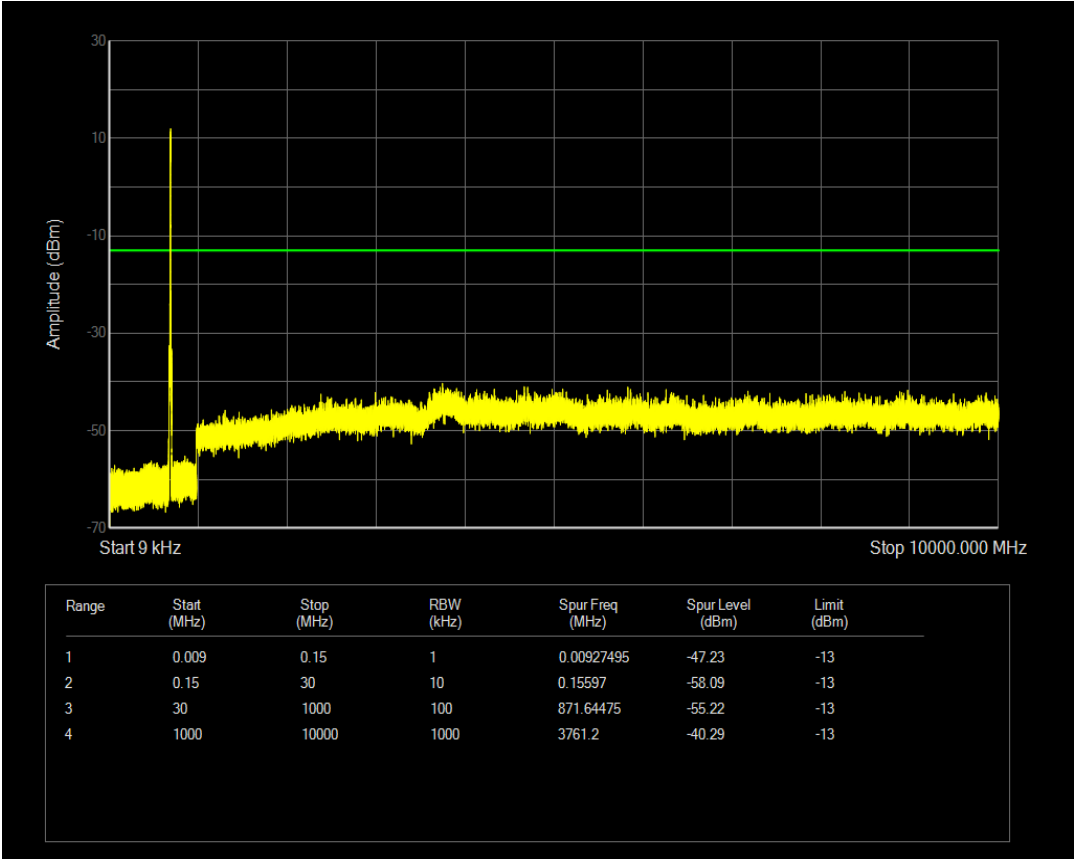
Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



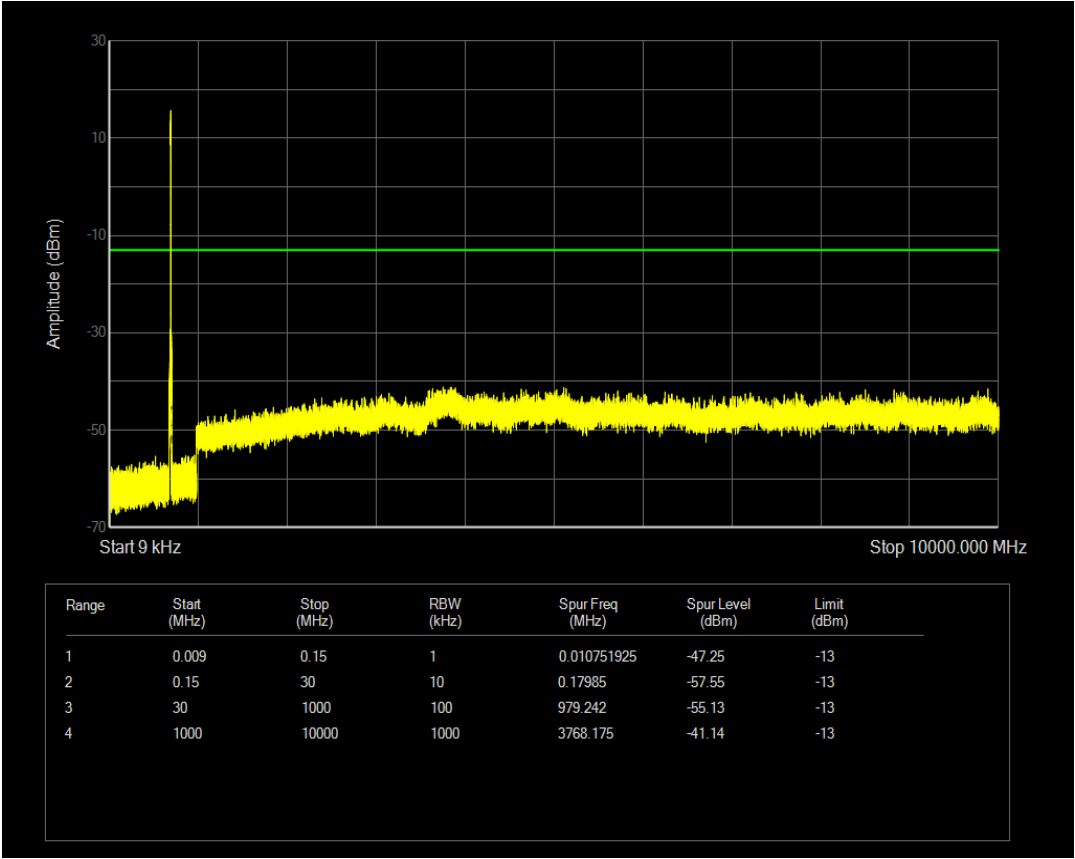
Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



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



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



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

