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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	23.44	-6	-8.15	15.29	34.77	Pass
Band17	5	23755	1	#Mid	QPSK	23.75	-6	-8.15	15.60	34.77	Pass
Band17	5	23755	1	#Max	QPSK	23.33	-6	-8.15	15.18	34.77	Pass
Band17	5	23755	12	#0	QPSK	22.64	-6	-8.15	14.49	34.77	Pass
Band17	5	23755	12	#Mid	QPSK	22.63	-6	-8.15	14.48	34.77	Pass
Band17	5	23755	12	#Max	QPSK	22.47	-6	-8.15	14.32	34.77	Pass
Band17	5	23755	25	#0	QPSK	22.54	-6	-8.15	14.39	34.77	Pass
Band17	5	23755	1	#0	QAM16	22.98	-6	-8.15	14.83	34.77	Pass
Band17	5	23755	1	#Mid	QAM16	23.23	-6	-8.15	15.08	34.77	Pass
Band17	5	23755	1	#Max	QAM16	22.9	-6	-8.15	14.75	34.77	Pass
Band17	5	23755	12	#0	QAM16	21.59	-6	-8.15	13.44	34.77	Pass
Band17	5	23755	12	#Mid	QAM16	21.58	-6	-8.15	13.43	34.77	Pass
Band17	5	23755	12	#Max	QAM16	21.45	-6	-8.15	13.30	34.77	Pass
Band17	5	23755	25	#0	QAM16	21.55	-6	-8.15	13.40	34.77	Pass
Band17	5	23790	1	#0	QPSK	23.32	-6	-8.15	15.17	34.77	Pass
Band17	5	23790	1	#Mid	QPSK	23.69	-6	-8.15	15.54	34.77	Pass
Band17	5	23790	1	#Max	QPSK	23.29	-6	-8.15	15.14	34.77	Pass
Band17	5	23790	12	#0	QPSK	22.42	-6	-8.15	14.27	34.77	Pass
Band17	5	23790	12	#Mid	QPSK	22.47	-6	-8.15	14.32	34.77	Pass
Band17	5	23790	12	#Max	QPSK	22.44	-6	-8.15	14.29	34.77	Pass
Band17	5	23790	25	#0	QPSK	22.49	-6	-8.15	14.34	34.77	Pass
Band17	5	23790	1	#0	QAM16	22.69	-6	-8.15	14.54	34.77	Pass
Band17	5	23790	1	#Mid	QAM16	22.98	-6	-8.15	14.83	34.77	Pass
Band17	5	23790	1	#Max	QAM16	22.58	-6	-8.15	14.43	34.77	Pass
Band17	5	23790	12	#0	QAM16	21.4	-6	-8.15	13.25	34.77	Pass
Band17	5	23790	12	#Mid	QAM16	21.42	-6	-8.15	13.27	34.77	Pass
Band17	5	23790	12	#Max	QAM16	21.36	-6	-8.15	13.21	34.77	Pass
Band17	5	23790	25	#0	QAM16	21.48	-6	-8.15	13.33	34.77	Pass
Band17	5	23825	1	#0	QPSK	23.21	-6	-8.15	15.06	34.77	Pass
Band17	5	23825	1	#Mid	QPSK	23.59	-6	-8.15	15.44	34.77	Pass
Band17	5	23825	1	#Max	QPSK	23.21	-6	-8.15	15.06	34.77	Pass
Band17	5	23825	12	#0	QPSK	22.42	-6	-8.15	14.27	34.77	Pass
Band17	5	23825	12	#Mid	QPSK	22.43	-6	-8.15	14.28	34.77	Pass
Band17	5	23825	12	#Max	QPSK	22.28	-6	-8.15	14.13	34.77	Pass
Band17	5	23825	25	#0	QPSK	22.4	-6	-8.15	14.25	34.77	Pass
Band17	5	23825	1	#0	QAM16	22.59	-6	-8.15	14.44	34.77	Pass
Band17	5	23825	1	#Mid	QAM16	22.92	-6	-8.15	14.77	34.77	Pass

Band17	5	23825	1	#Max	QAM16	22.6	-6	-8.15	14.45	34.77	Pass
Band17	5	23825	12	#0	QAM16	21.42	-6	-8.15	13.27	34.77	Pass
Band17	5	23825	12	#Mid	QAM16	21.46	-6	-8.15	13.31	34.77	Pass
Band17	5	23825	12	#Max	QAM16	21.28	-6	-8.15	13.13	34.77	Pass
Band17	5	23825	25	#0	QAM16	21.39	-6	-8.15	13.24	34.77	Pass
Band17	10	23780	1	#0	QPSK	23.45	-6	-8.15	15.30	34.77	Pass
Band17	10	23780	1	#Mid	QPSK	23.44	-6	-8.15	15.29	34.77	Pass
Band17	10	23780	1	#Max	QPSK	23.3	-6	-8.15	15.15	34.77	Pass
Band17	10	23780	25	#0	QPSK	22.64	-6	-8.15	14.49	34.77	Pass
Band17	10	23780	25	#Mid	QPSK	22.51	-6	-8.15	14.36	34.77	Pass
Band17	10	23780	25	#Max	QPSK	22.52	-6	-8.15	14.37	34.77	Pass
Band17	10	23780	50	#0	QPSK	22.57	-6	-8.15	14.42	34.77	Pass
Band17	10	23780	1	#0	QAM16	22.91	-6	-8.15	14.76	34.77	Pass
Band17	10	23780	1	#Mid	QAM16	22.93	-6	-8.15	14.78	34.77	Pass
Band17	10	23780	1	#Max	QAM16	22.71	-6	-8.15	14.56	34.77	Pass
Band17	10	23780	25	#0	QAM16	21.7	-6	-8.15	13.55	34.77	Pass
Band17	10	23780	25	#Mid	QAM16	21.54	-6	-8.15	13.39	34.77	Pass
Band17	10	23780	25	#Max	QAM16	21.59	-6	-8.15	13.44	34.77	Pass
Band17	10	23780	50	#0	QAM16	21.62	-6	-8.15	13.47	34.77	Pass
Band17	10	23790	1	#0	QPSK	23.41	-6	-8.15	15.26	34.77	Pass
Band17	10	23790	1	#Mid	QPSK	23.42	-6	-8.15	15.27	34.77	Pass
Band17	10	23790	1	#Max	QPSK	23.31	-6	-8.15	15.16	34.77	Pass
Band17	10	23790	25	#0	QPSK	22.57	-6	-8.15	14.42	34.77	Pass
Band17	10	23790	25	#Mid	QPSK	22.43	-6	-8.15	14.28	34.77	Pass
Band17	10	23790	25	#Max	QPSK	22.42	-6	-8.15	14.27	34.77	Pass
Band17	10	23790	50	#0	QPSK	22.49	-6	-8.15	14.34	34.77	Pass
Band17	10	23790	1	#0	QAM16	22.7	-6	-8.15	14.55	34.77	Pass
Band17	10	23790	1	#Mid	QAM16	22.68	-6	-8.15	14.53	34.77	Pass
Band17	10	23790	1	#Max	QAM16	22.51	-6	-8.15	14.36	34.77	Pass
Band17	10	23790	25	#0	QAM16	21.59	-6	-8.15	13.44	34.77	Pass
Band17	10	23790	25	#Mid	QAM16	21.45	-6	-8.15	13.30	34.77	Pass
Band17	10	23790	25	#Max	QAM16	21.4	-6	-8.15	13.25	34.77	Pass
Band17	10	23790	50	#0	QAM16	21.55	-6	-8.15	13.40	34.77	Pass
Band17	10	23800	1	#0	QPSK	23.51	-6	-8.15	15.36	34.77	Pass
Band17	10	23800	1	#Mid	QPSK	23.53	-6	-8.15	15.38	34.77	Pass
Band17	10	23800	1	#Max	QPSK	23.48	-6	-8.15	15.33	34.77	Pass
Band17	10	23800	25	#0	QPSK	22.52	-6	-8.15	14.37	34.77	Pass
Band17	10	23800	25	#Mid	QPSK	22.43	-6	-8.15	14.28	34.77	Pass
Band17	10	23800	25	#Max	QPSK	22.33	-6	-8.15	14.18	34.77	Pass
Band17	10	23800	50	#0	QPSK	22.4	-6	-8.15	14.25	34.77	Pass
Band17	10	23800	1	#0	QAM16	22.39	-6	-8.15	14.24	34.77	Pass
Band17	10	23800	1	#Mid	QAM16	22.35	-6	-8.15	14.20	34.77	Pass
Band17	10	23800	1	#Max	QAM16	22.25	-6	-8.15	14.10	34.77	Pass
Band17	10	23800	25	#0	QAM16	21.54	-6	-8.15	13.39	34.77	Pass

Band17	10	23800	25	#Mid	QAM16	21.38	-6	-8.15	13.23	34.77	Pass
Band17	10	23800	25	#Max	QAM16	21.34	-6	-8.15	13.19	34.77	Pass
Band17	10	23800	50	#0	QAM16	21.4	-6	-8.15	13.25	34.77	Pass

2 Frequency stability

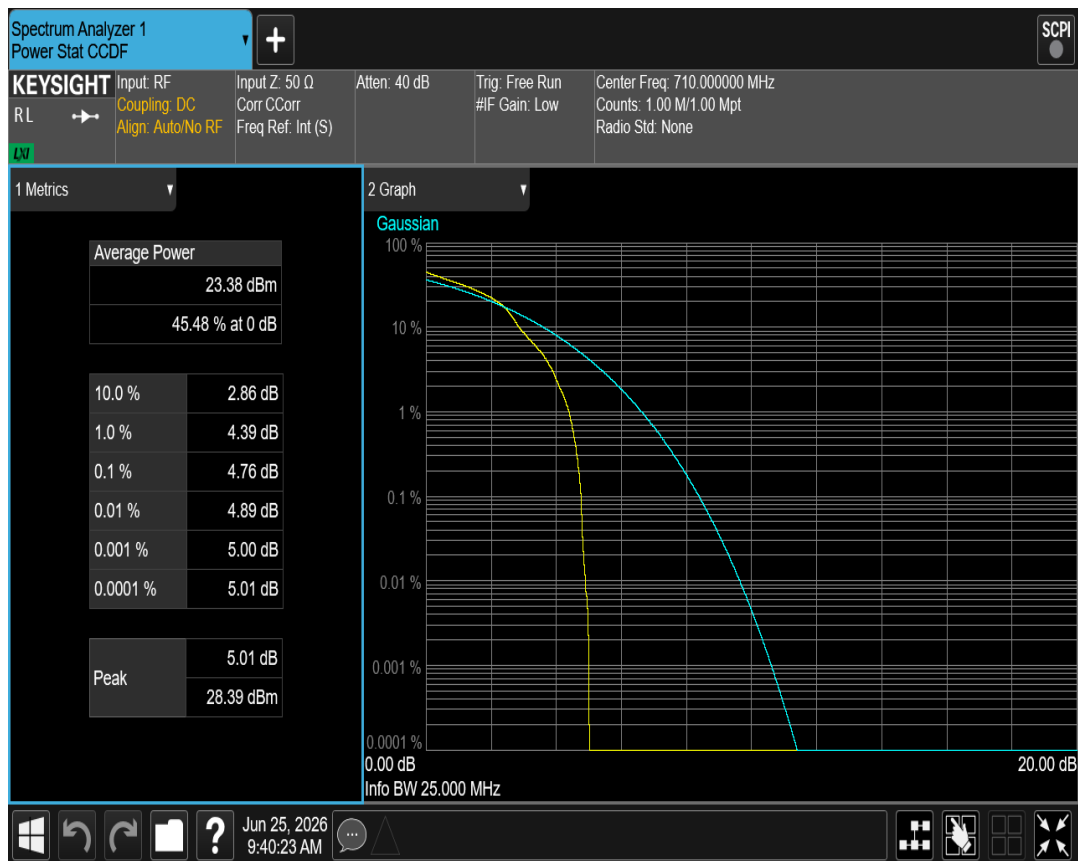
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result(Hz)</i>	<i>Result (ppm)</i>	<i>Low Limit (ppm)</i>	<i>high Limit (ppm)</i>	<i>Verdict</i>
Band17	10	23780	50	#0	QPSK	-6.25	-0.009	-2.5	2.5	PASS
Band17	10	23780	50	#0	QAM16	-7.58	-0.011	-2.5	2.5	PASS
Band17	10	23790	50	#0	QPSK	-6.76	-0.010	-2.5	2.5	PASS
Band17	10	23790	50	#0	QAM16	-4.94	-0.007	-2.5	2.5	PASS
Band17	10	23800	50	#0	QPSK	-6.40	-0.009	-2.5	2.5	PASS
Band17	10	23800	50	#0	QAM16	-3.56	-0.005	-2.5	2.5	PASS

Note: (Voltage: 3.85V, Temperature: 25°C) only reflect the worst mode.

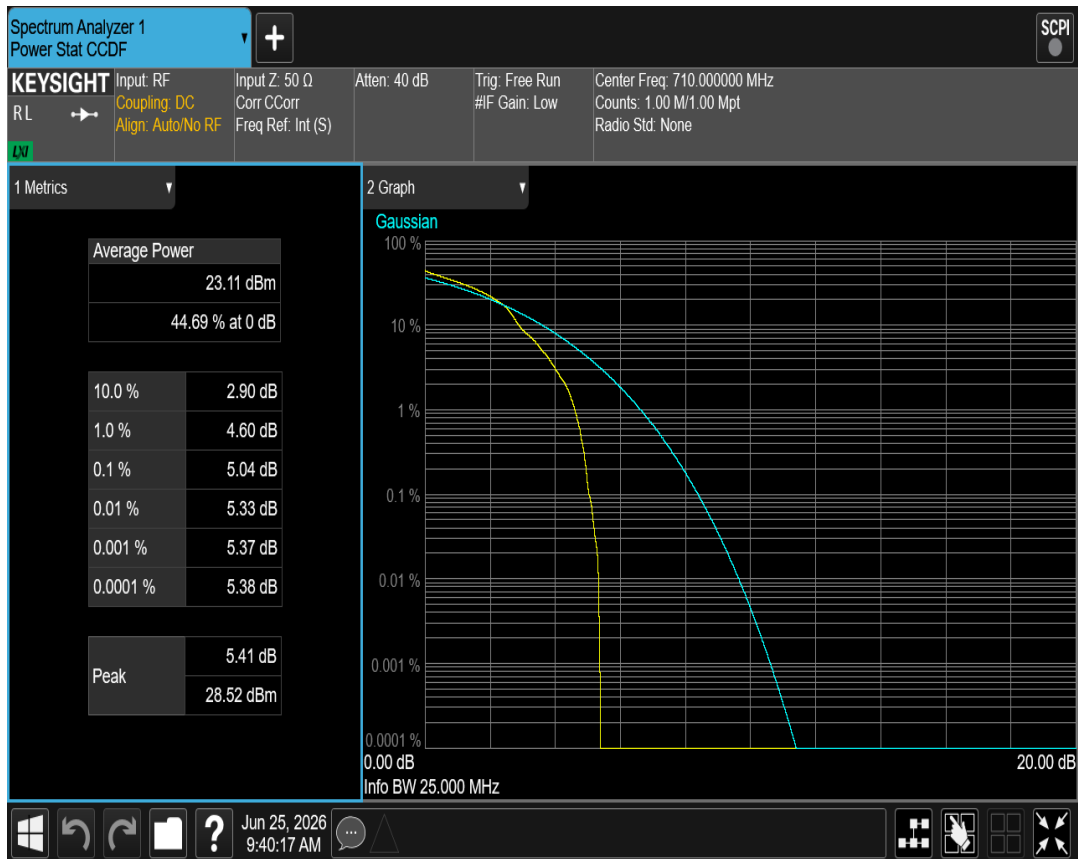
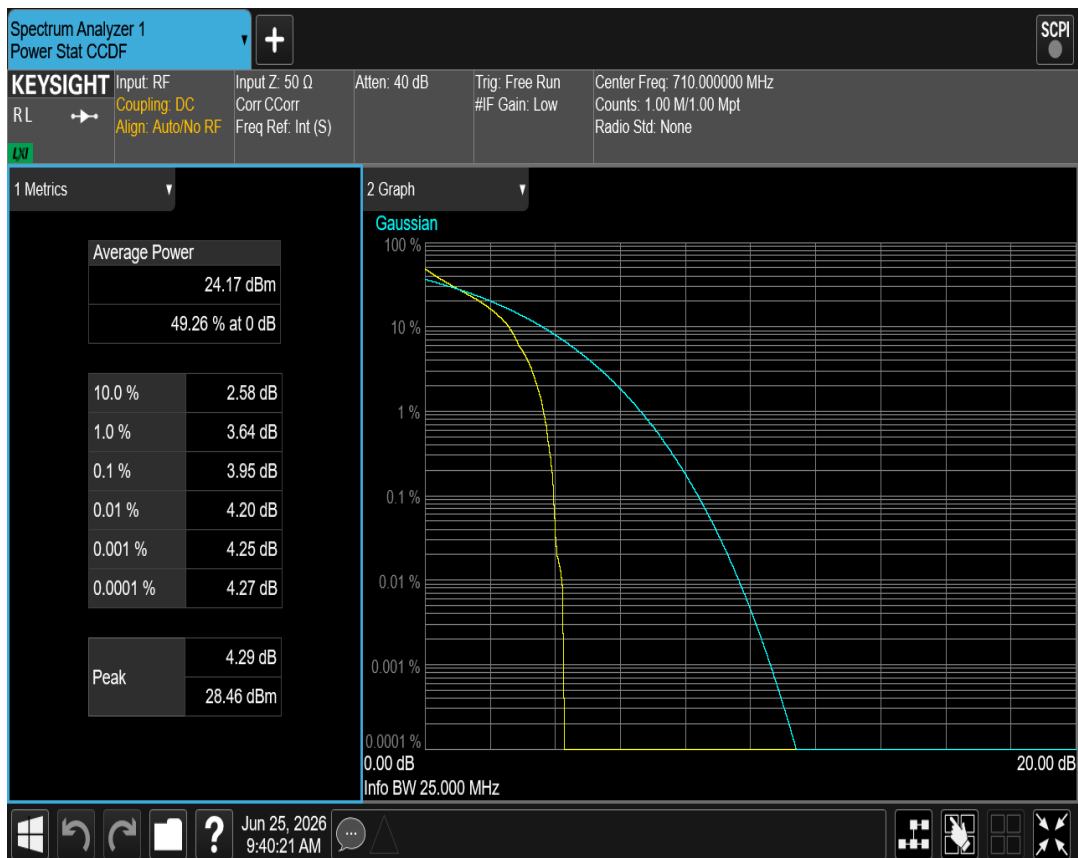
3 Peak-to-Average Ratio

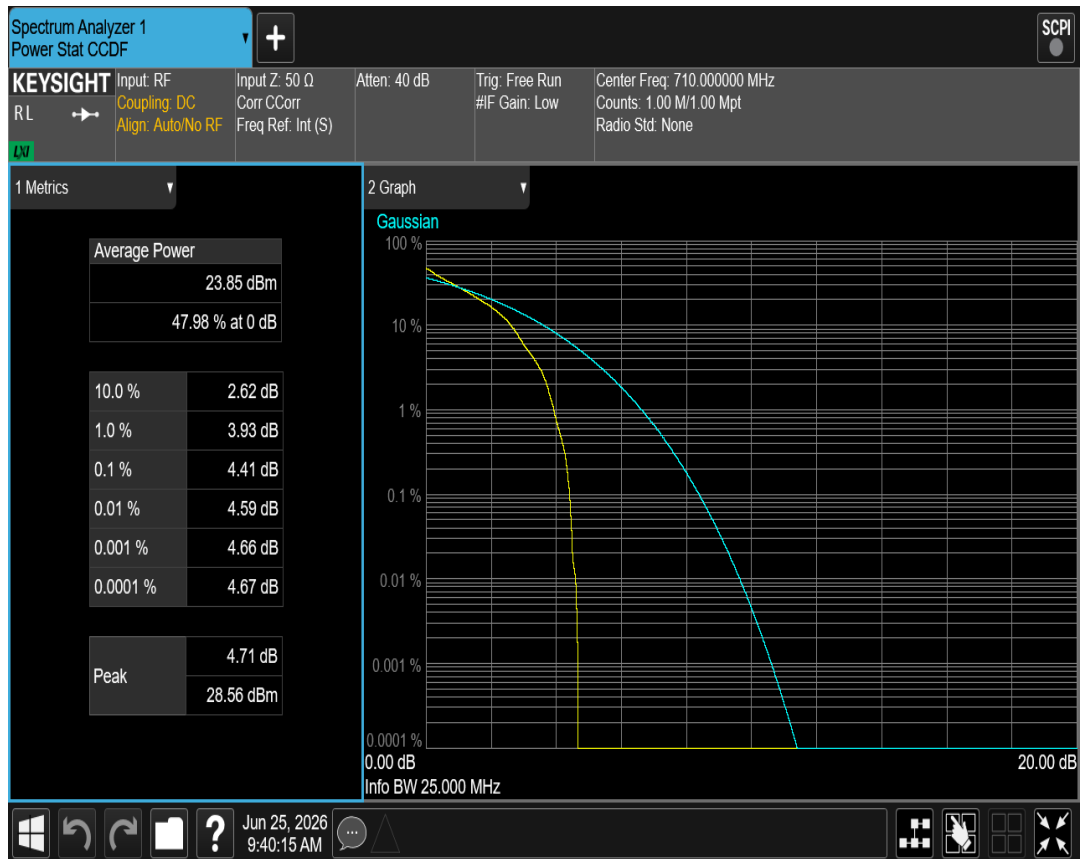
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band17	5	23790	1	#0	QPSK	4.41	13	PASS
Band17	5	23790	1	#0	QAM16	5.04	13	PASS
Band17	10	23790	1	#0	QPSK	3.95	13	PASS
Band17	10	23790	1	#0	QAM16	4.76	13	PASS

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



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

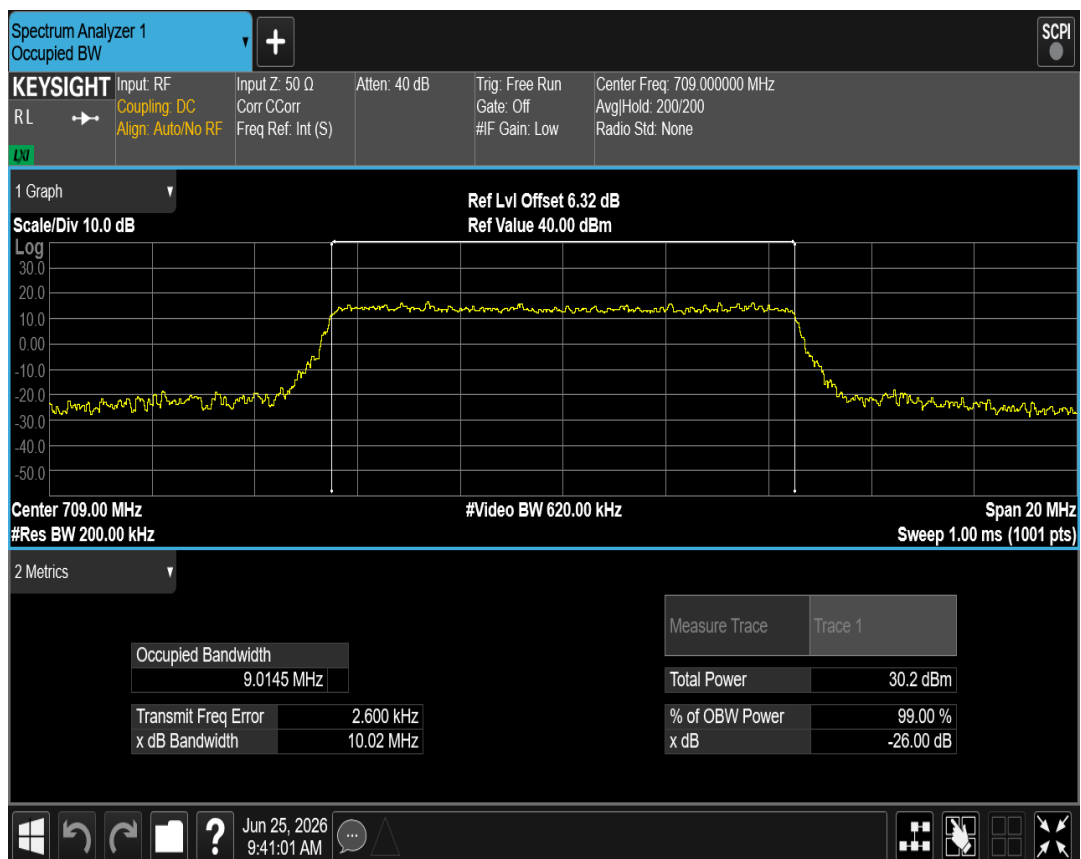
**Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0****Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0**



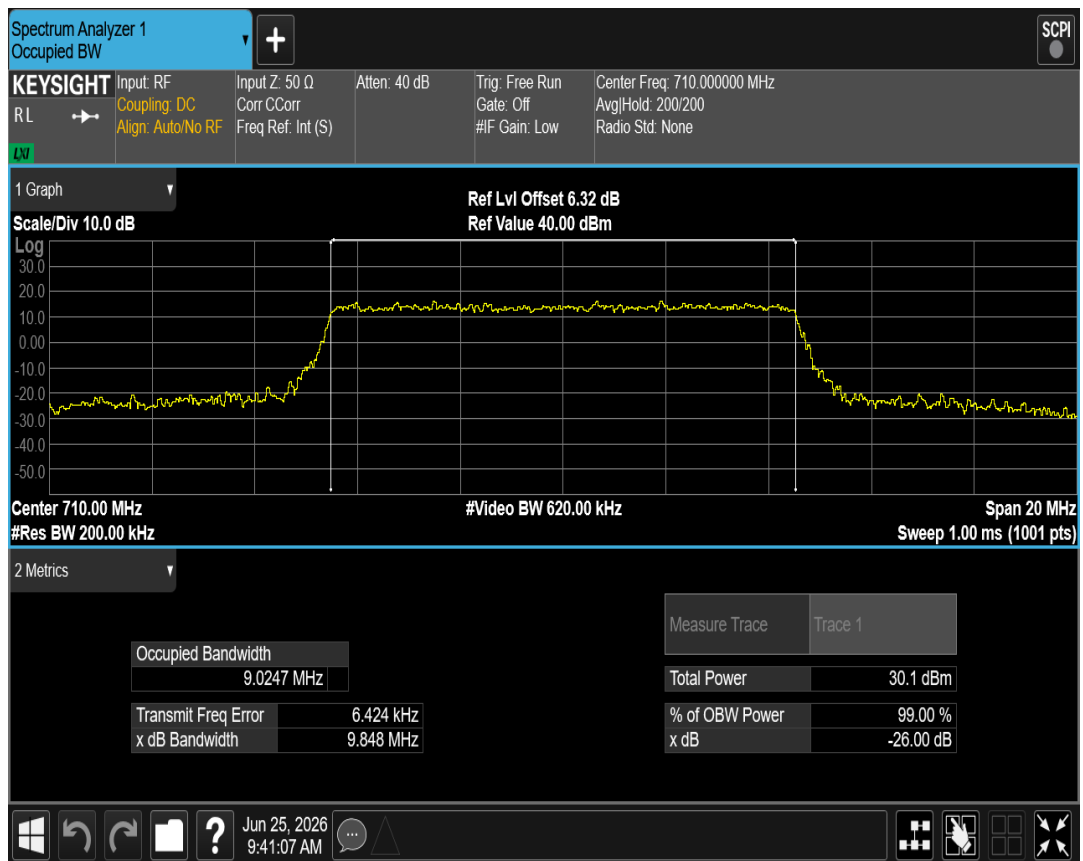
4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band17	5	23755	25	#0	QPSK	4.531	5.465	PASS
Band17	5	23755	25	#0	QAM16	4.519	5.258	PASS
Band17	5	23790	25	#0	QPSK	4.548	5.130	PASS
Band17	5	23790	25	#0	QAM16	4.530	5.128	PASS
Band17	5	23825	25	#0	QPSK	4.509	5.139	PASS
Band17	5	23825	25	#0	QAM16	4.529	5.000	PASS
Band17	10	23780	50	#0	QPSK	9.017	10.136	PASS
Band17	10	23780	50	#0	QAM16	9.015	10.022	PASS
Band17	10	23790	50	#0	QPSK	9.001	9.956	PASS
Band17	10	23790	50	#0	QAM16	9.025	9.848	PASS
Band17	10	23800	50	#0	QPSK	9.035	9.898	PASS
Band17	10	23800	50	#0	QAM16	8.989	10.011	PASS

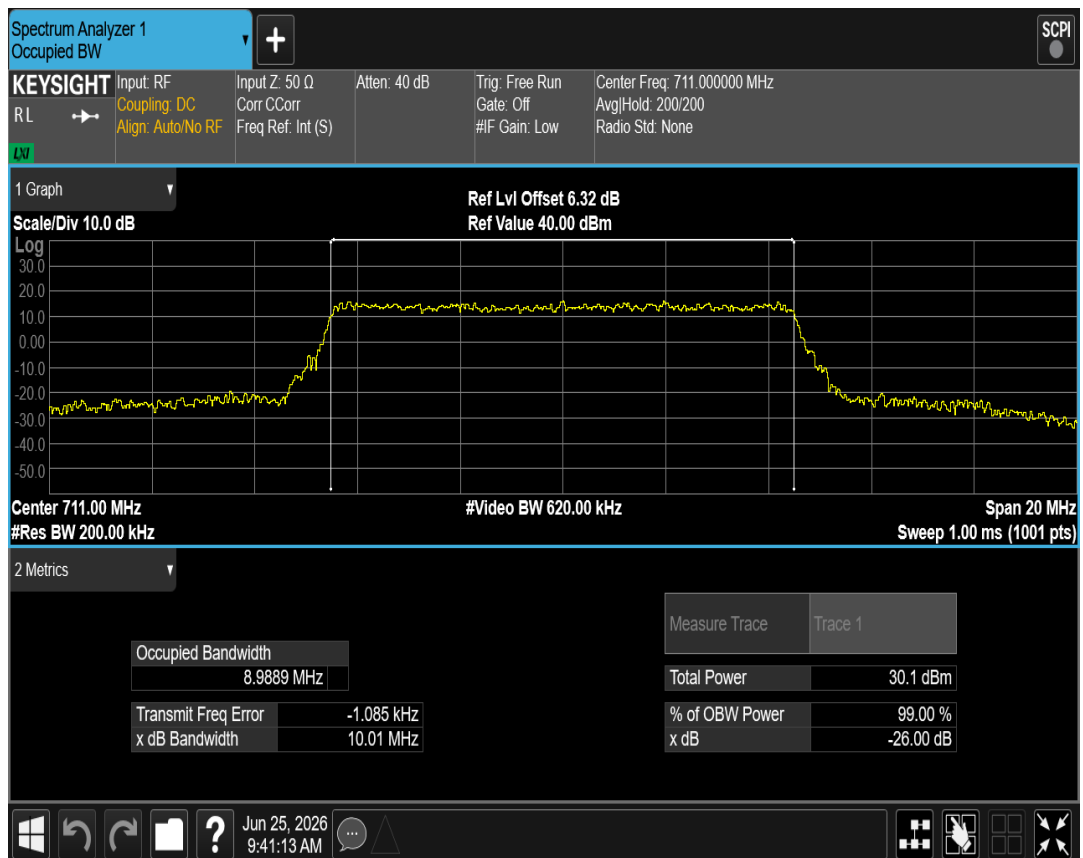
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



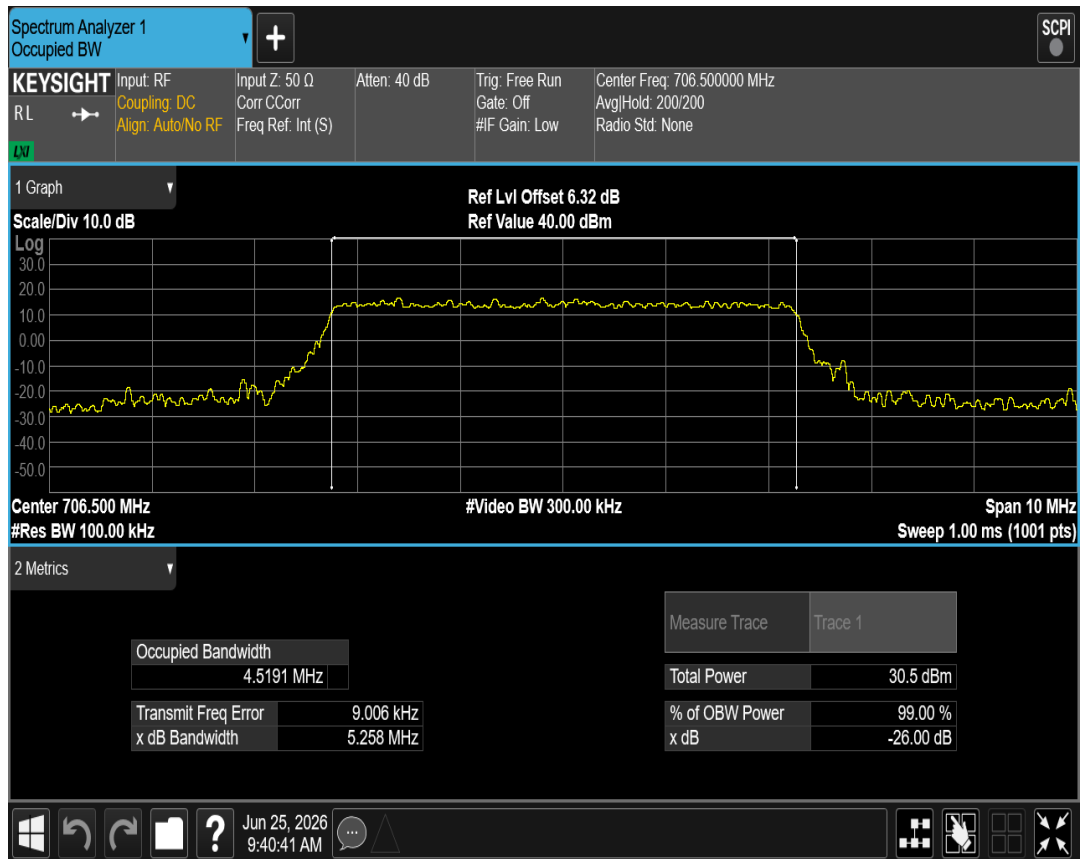
Band17 QAM16 BW=10MHz Channel=23790 RB Size=50 Position=#0



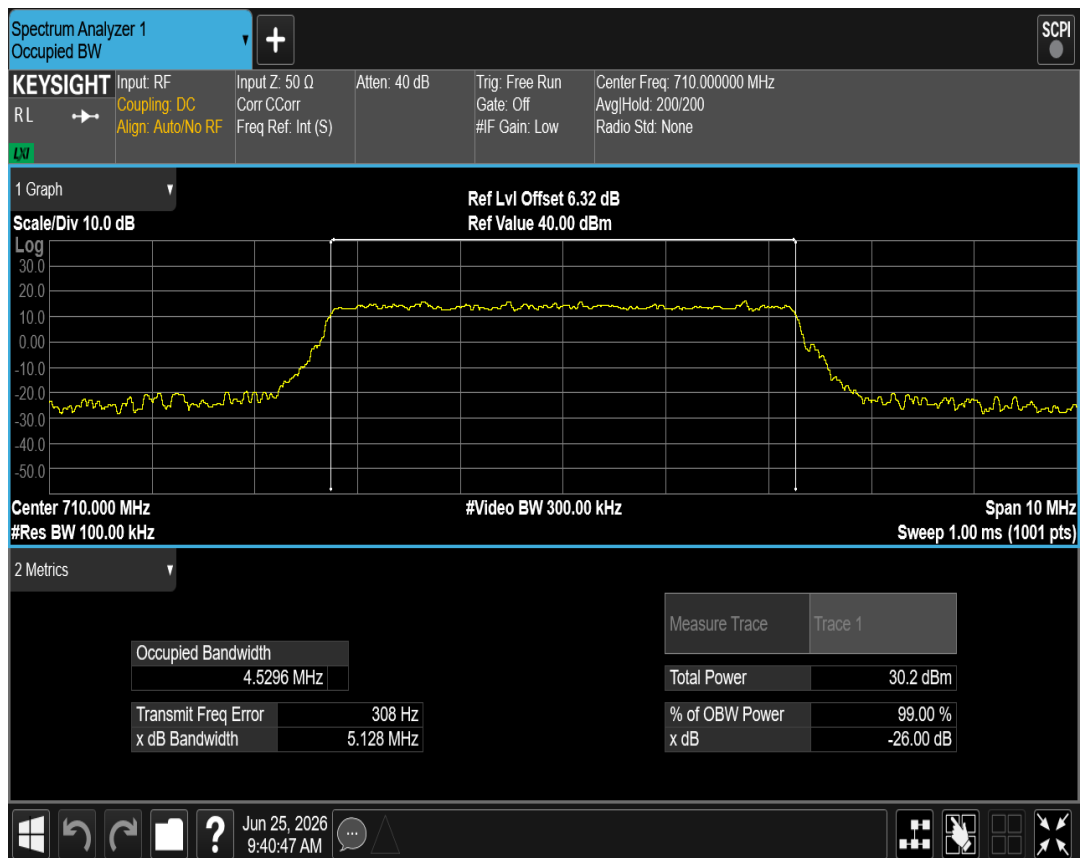
Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0



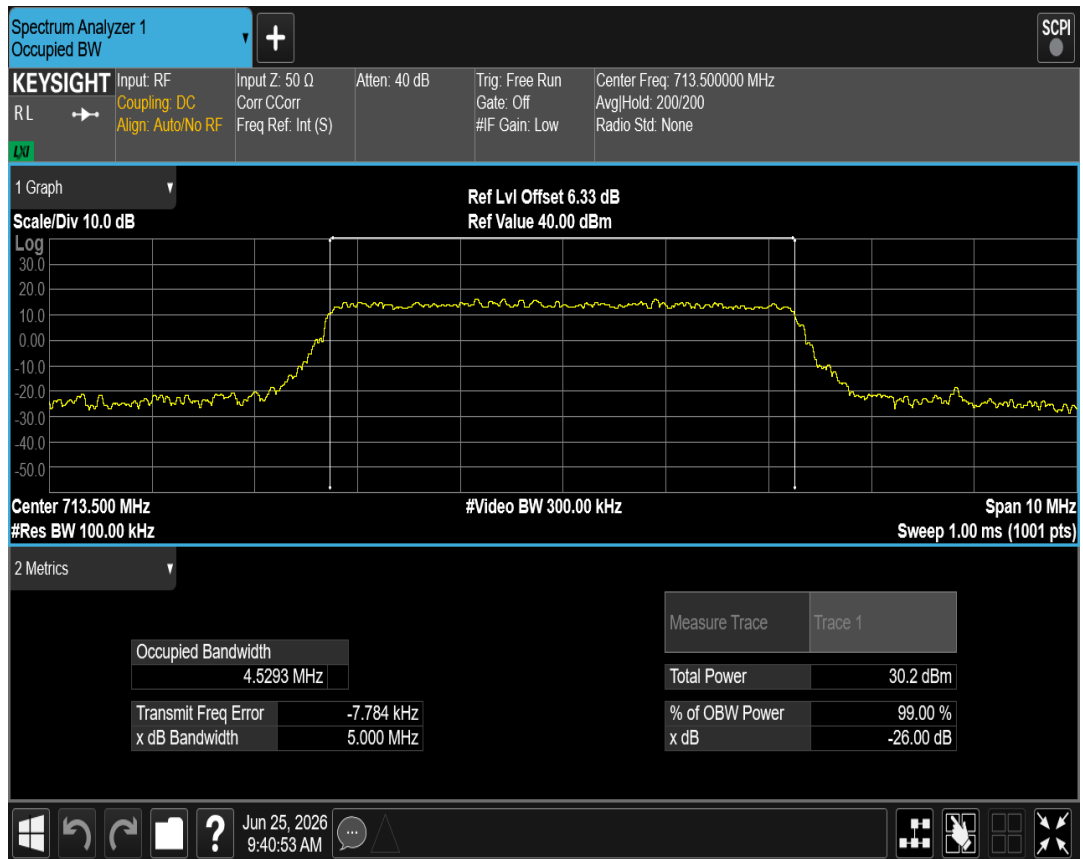
Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



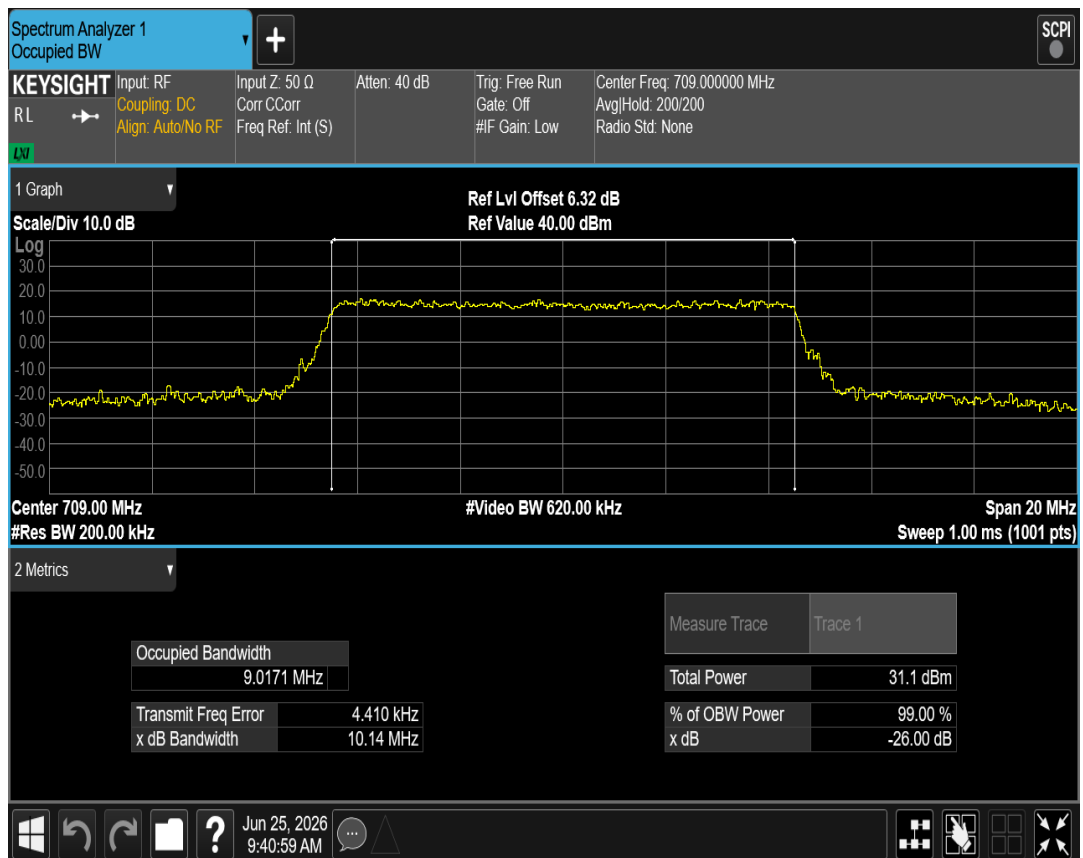
Band17 QAM16 BW=5MHz Channel=23790 RB Size=25 Position=#0



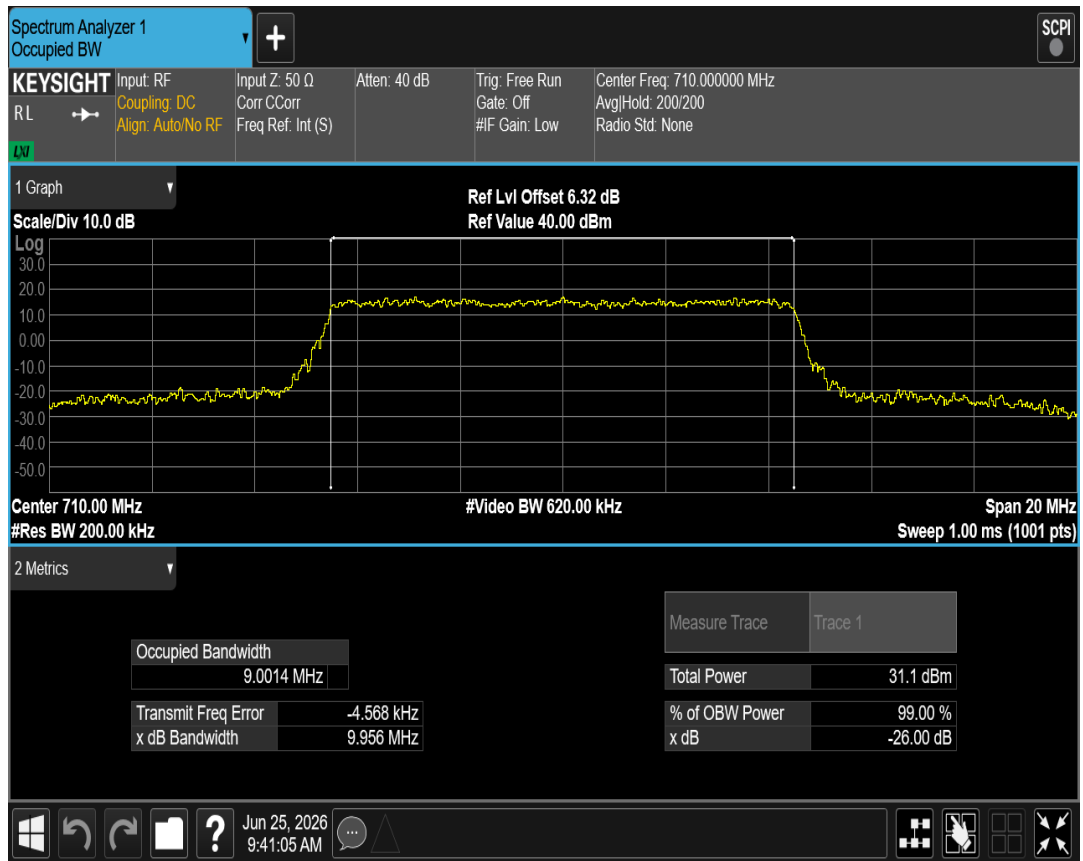
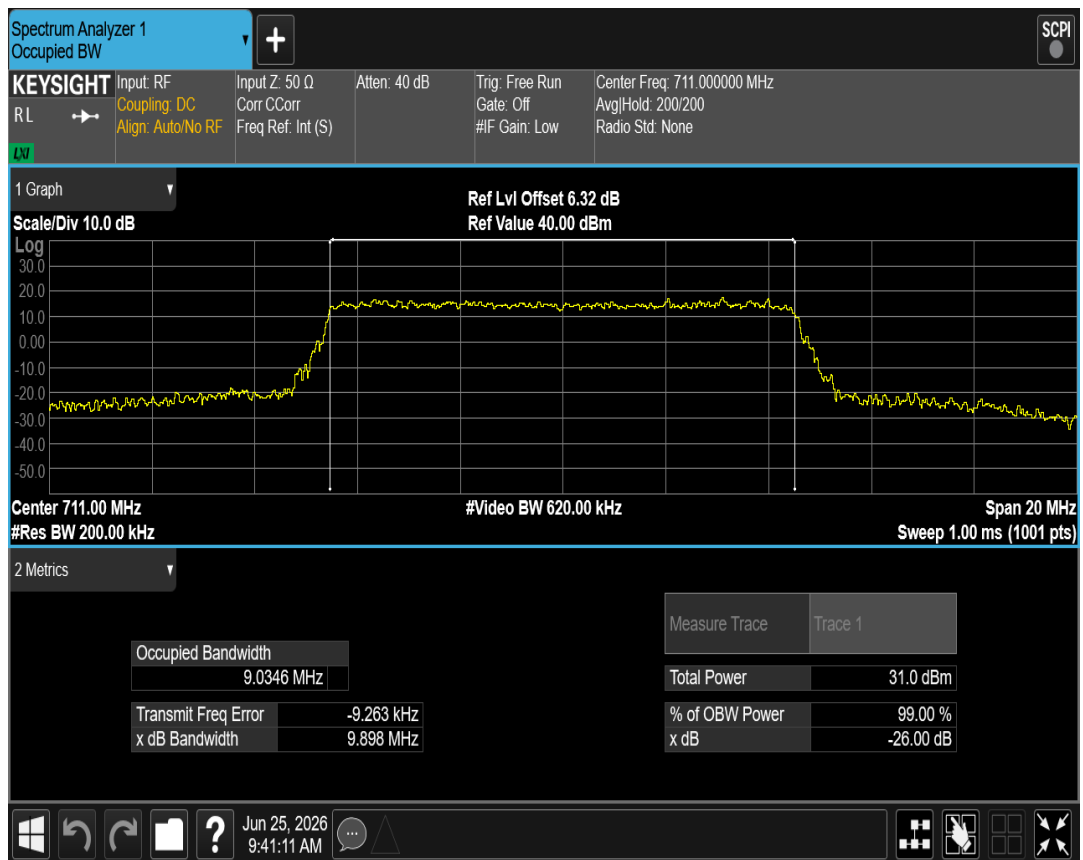
Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0

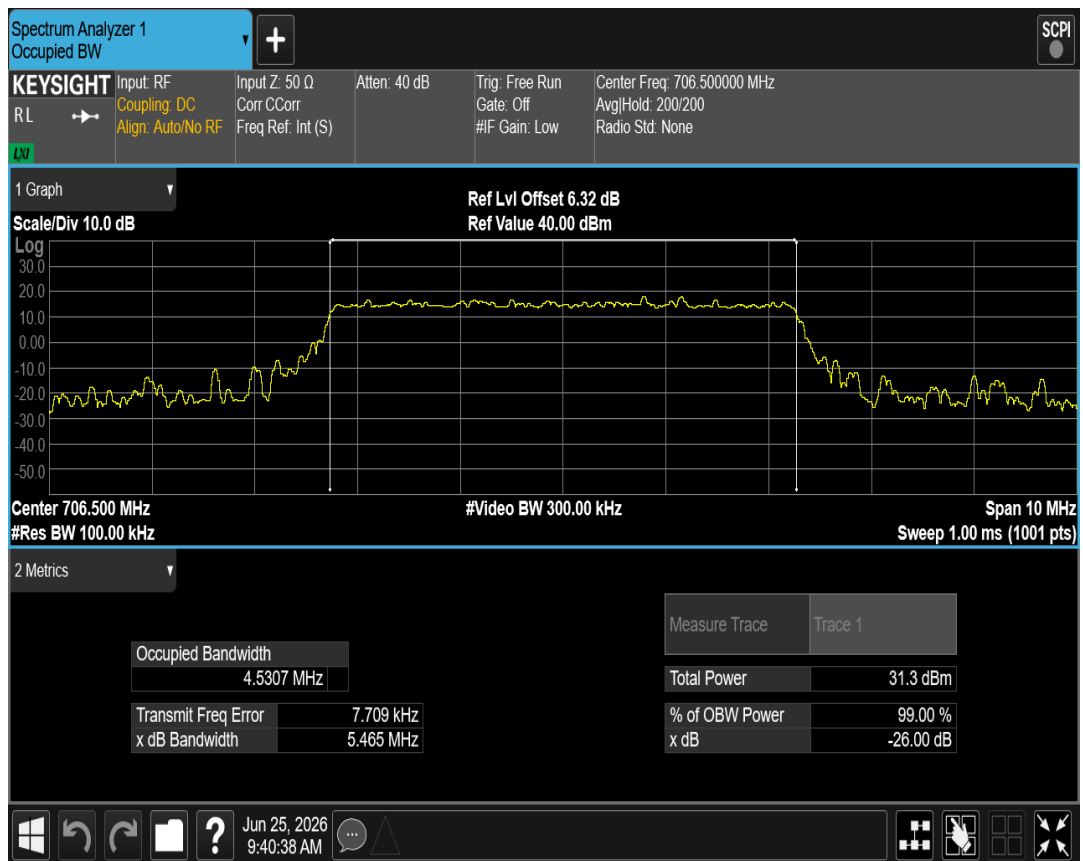


Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0

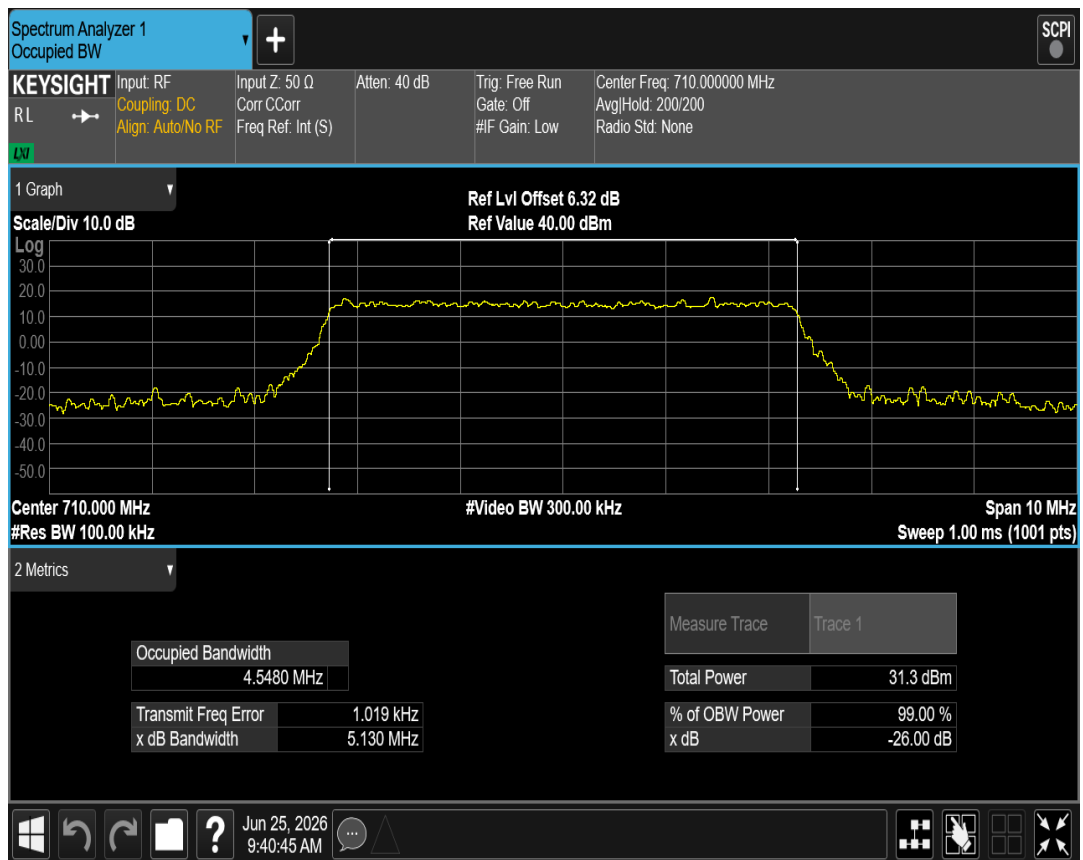


Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0

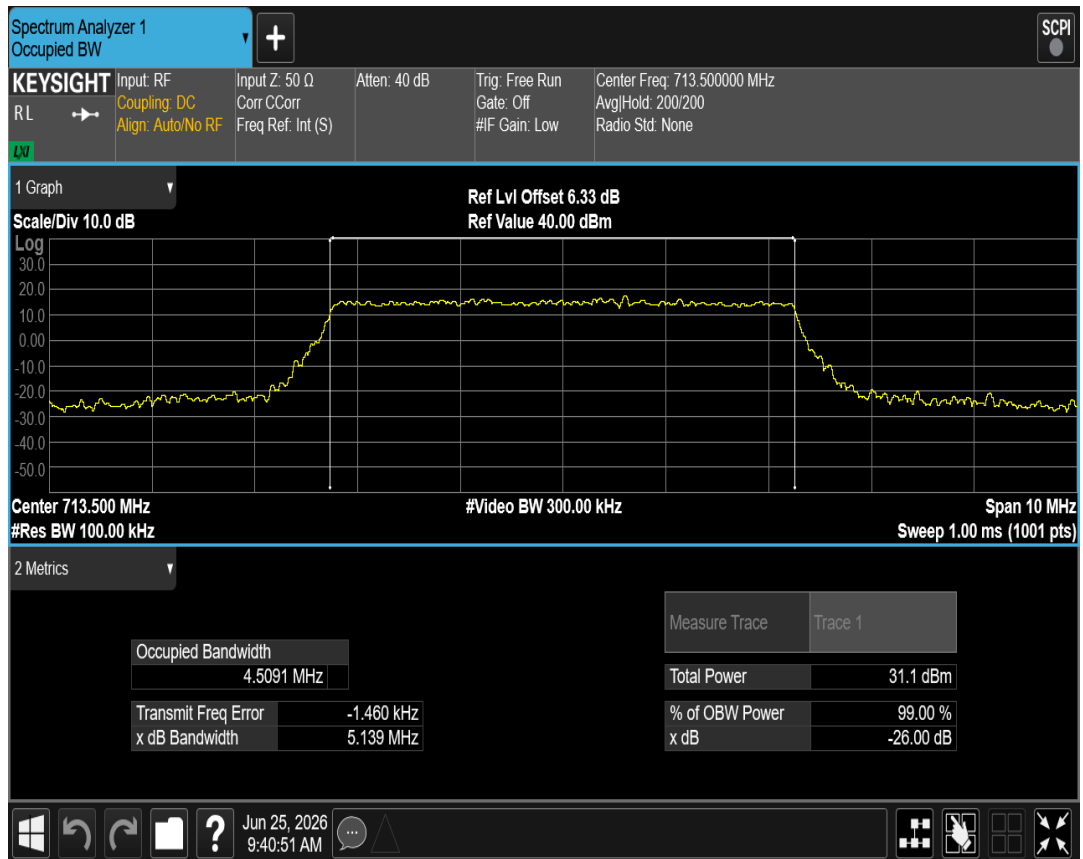
**Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0****Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0**



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



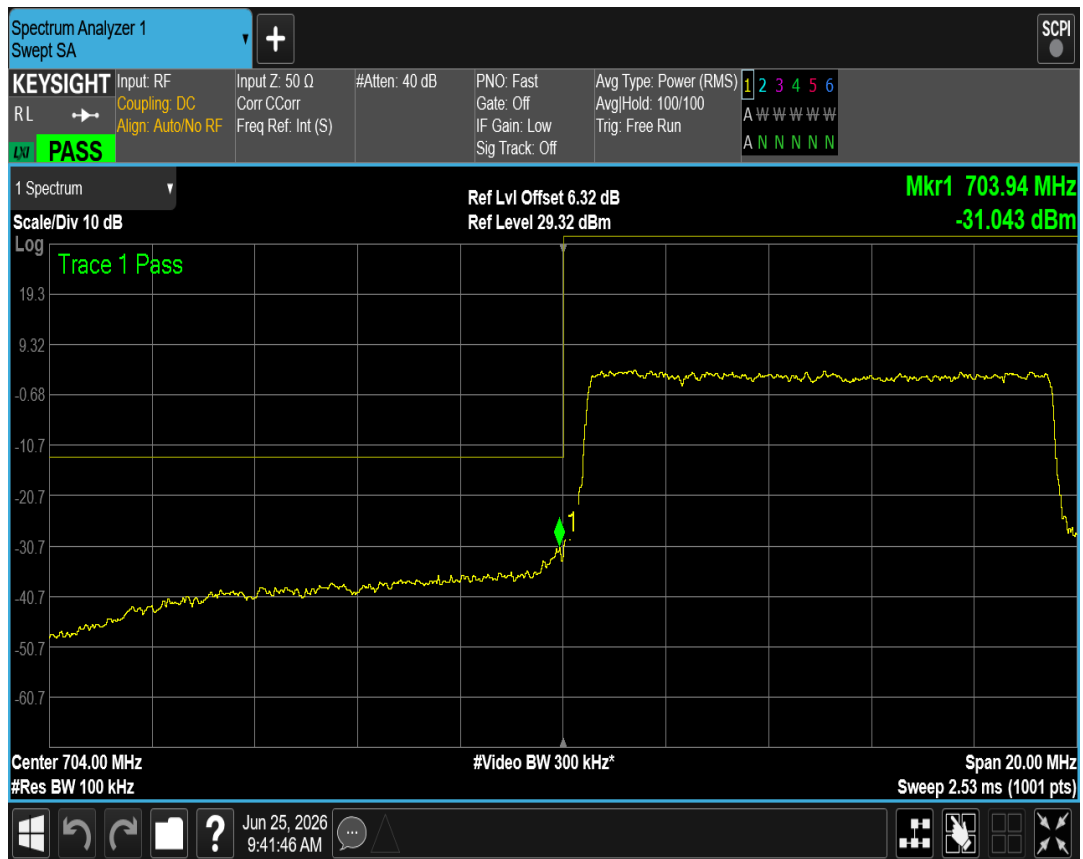
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



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	703.97	-24.04	-13	PASS
Band17	5	23755	25	#0	QAM16	704.00	-25.92	-13	PASS
Band17	5	23825	25	#0	QPSK	716.01	-26.04	-13	PASS
Band17	5	23825	25	#0	QAM16	716.00	-26.95	-13	PASS
Band17	10	23780	50	#0	QPSK	704.00	-27.90	-13	PASS
Band17	10	23780	50	#0	QAM16	703.94	-31.04	-13	PASS
Band17	10	23800	50	#0	QPSK	716.02	-30.10	-13	PASS
Band17	10	23800	50	#0	QAM16	716.08	-31.92	-13	PASS

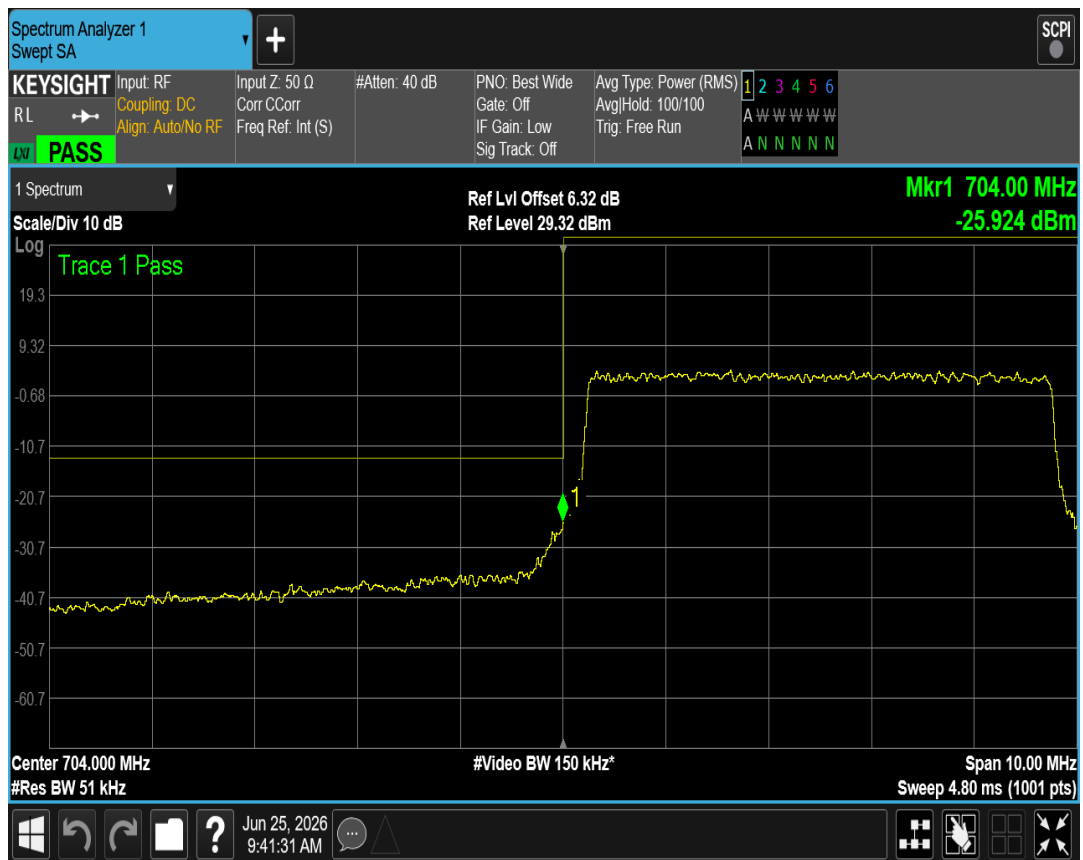
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



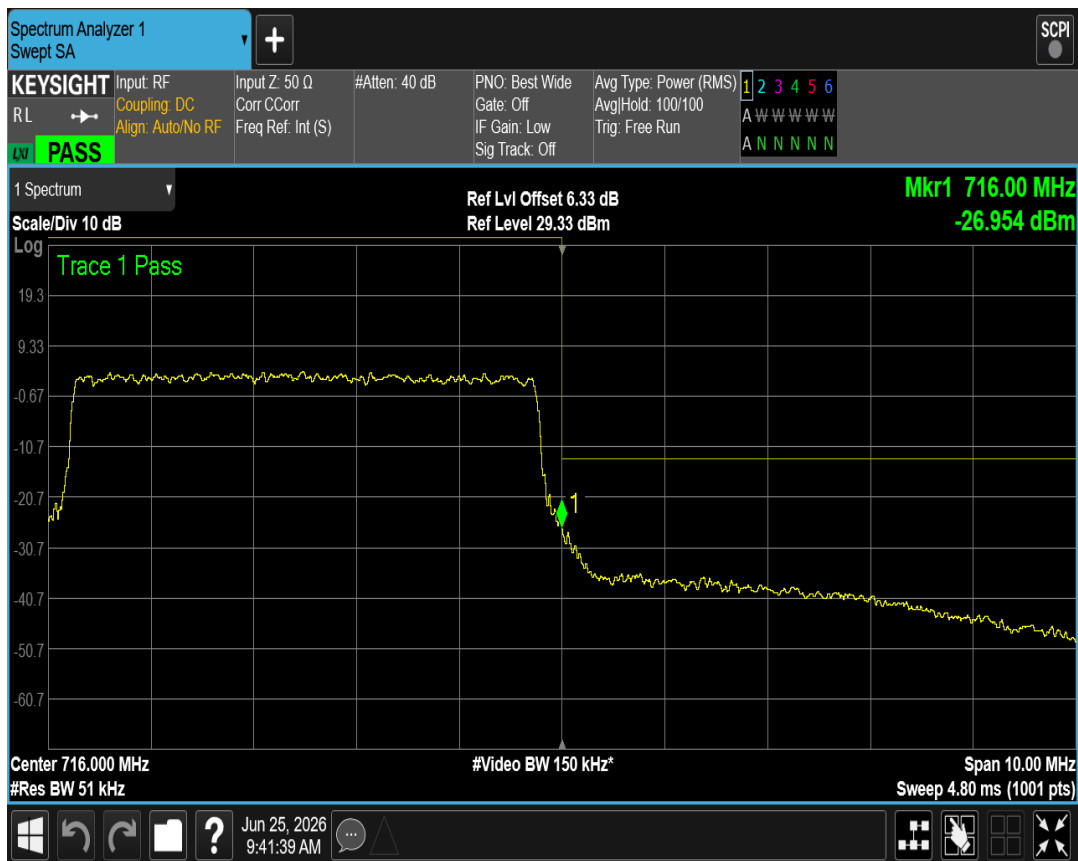
Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0



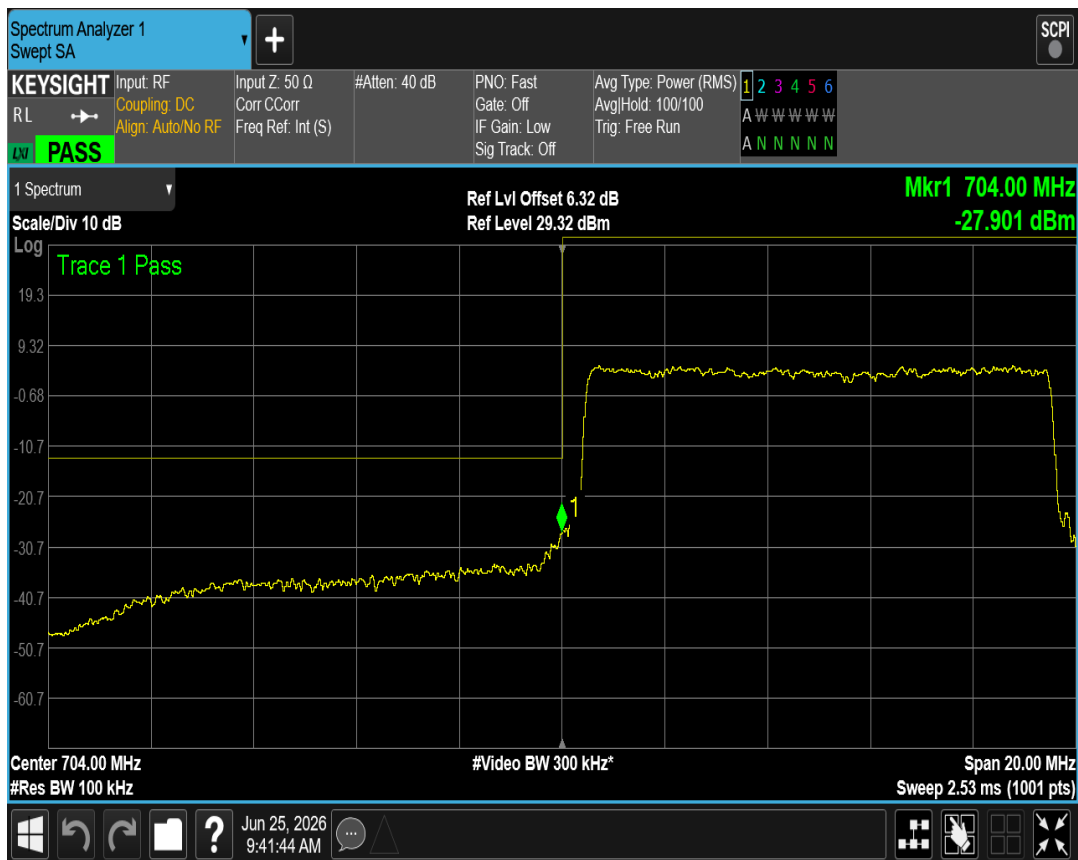
Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



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



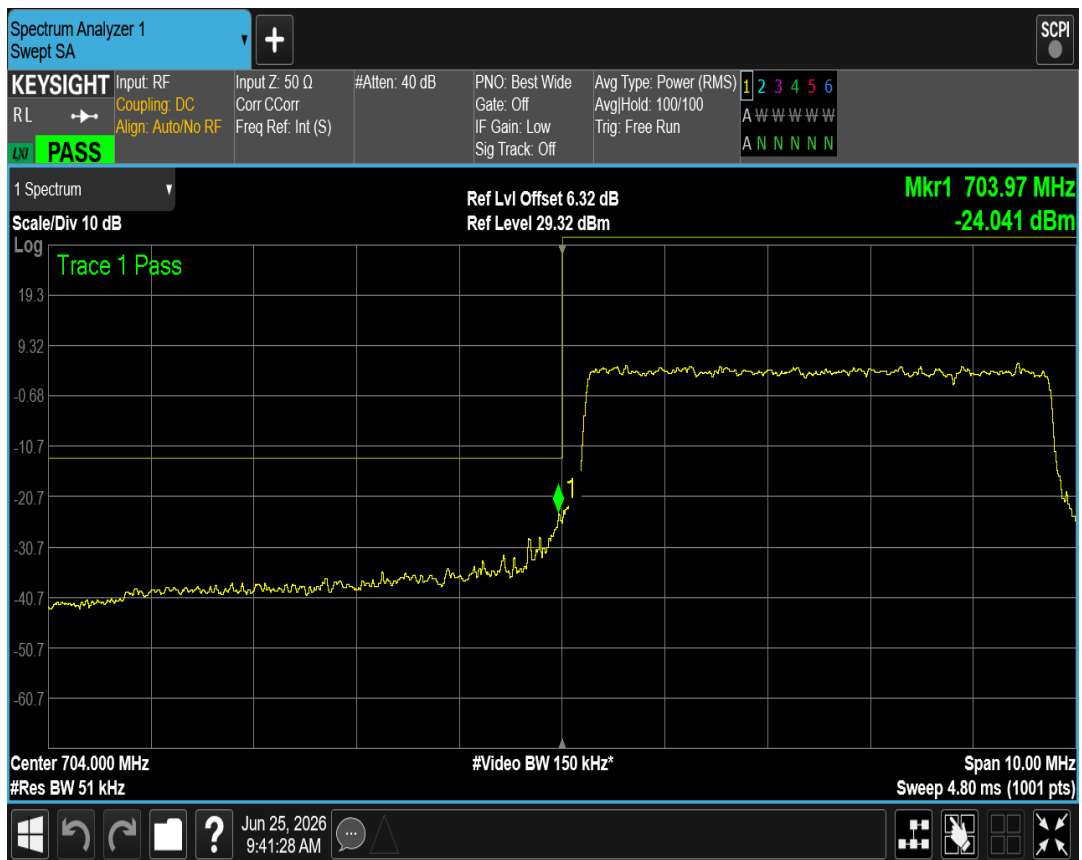
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



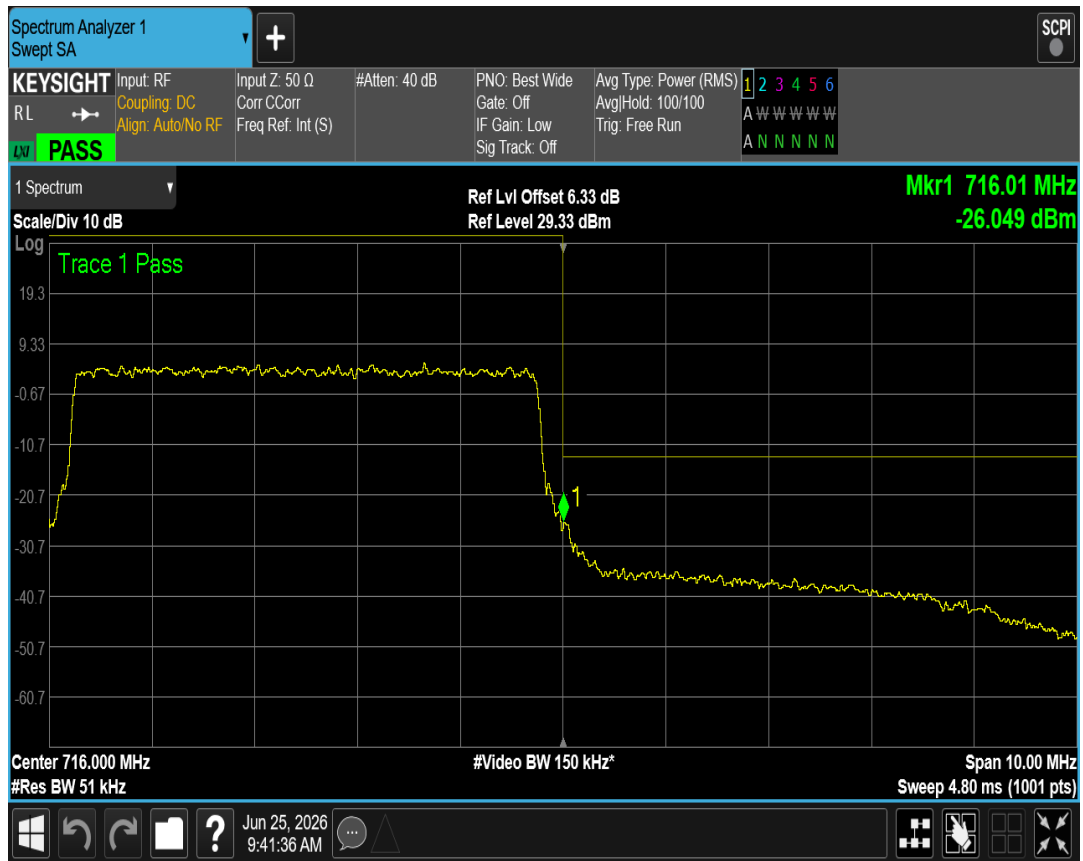
Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



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



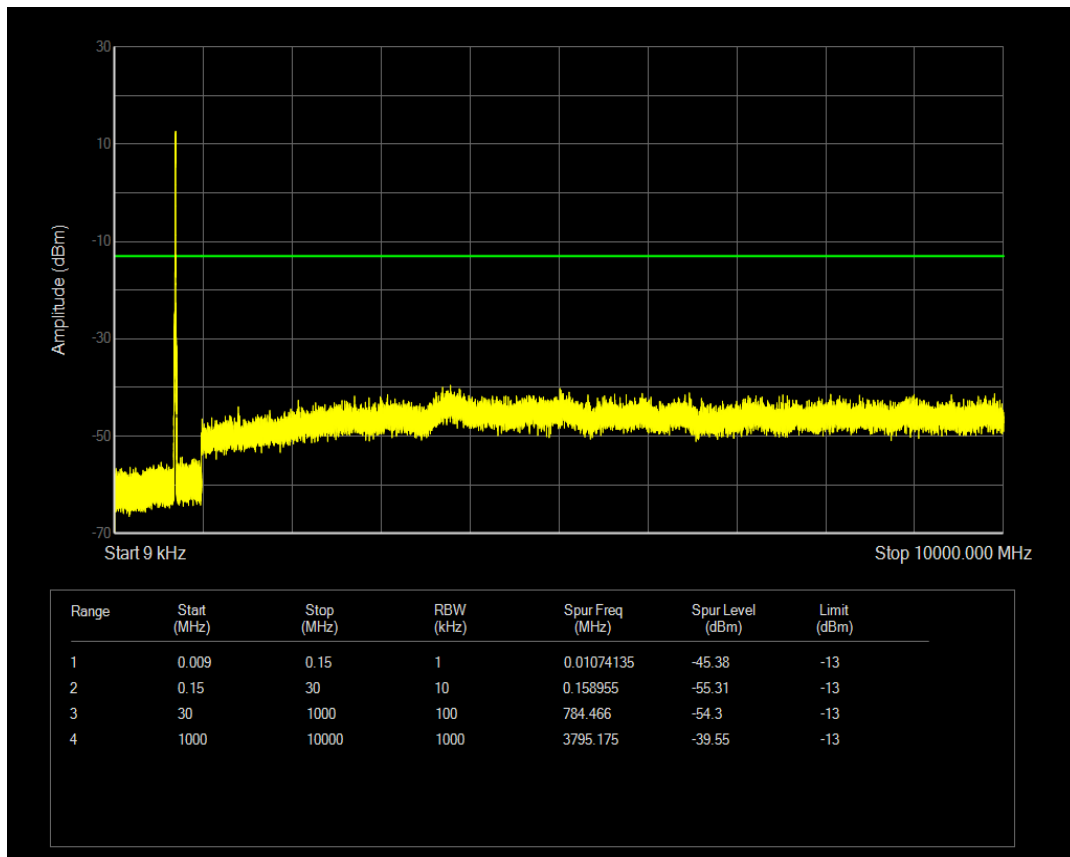
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



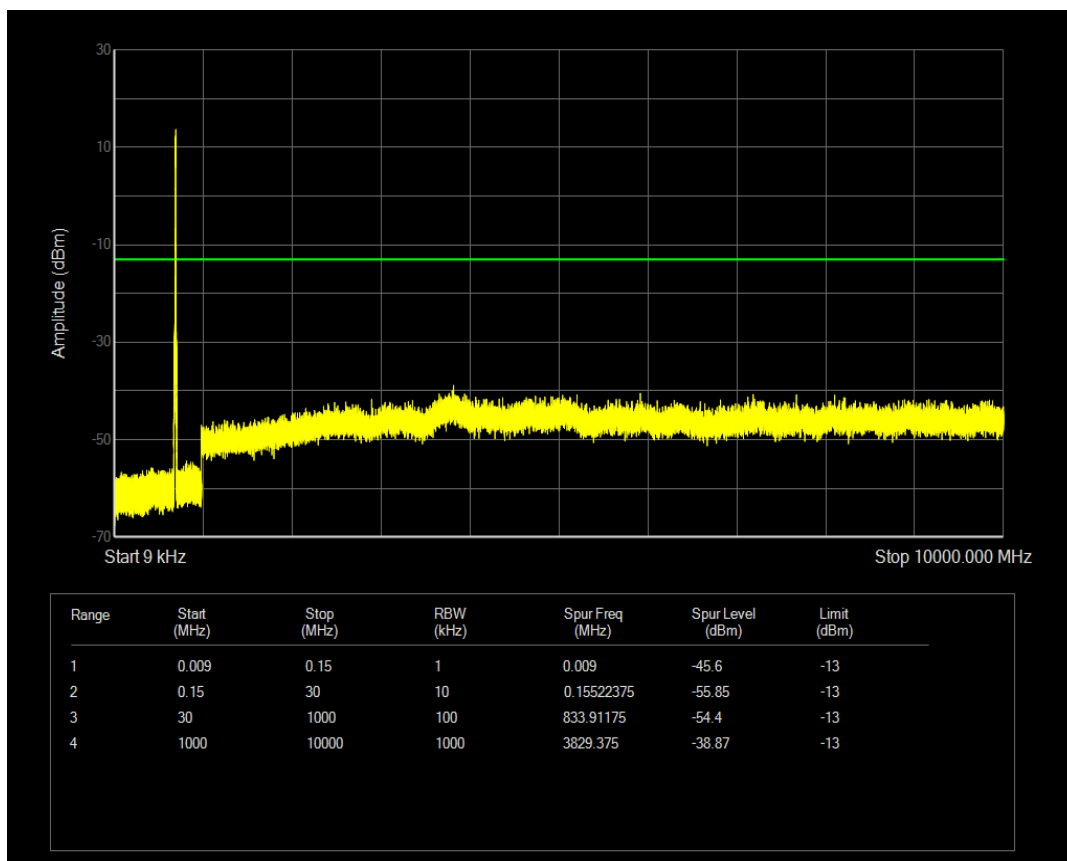
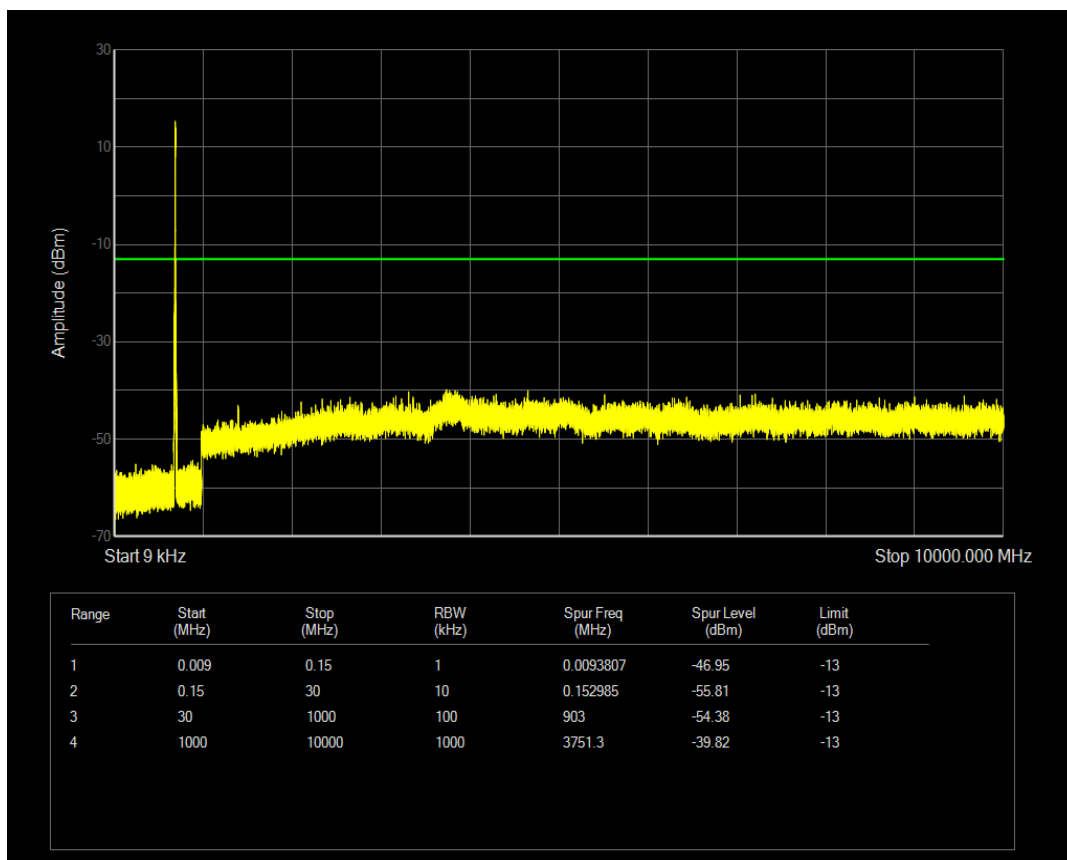
6 Out-of-band emissions

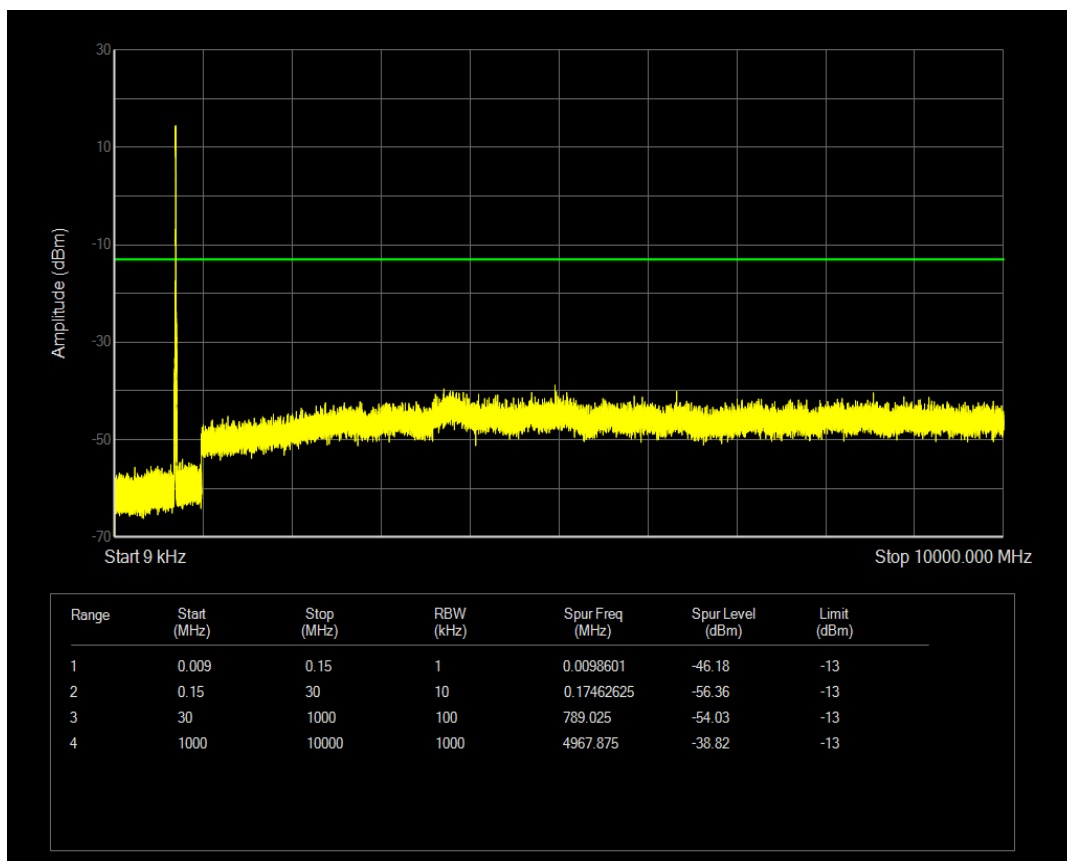
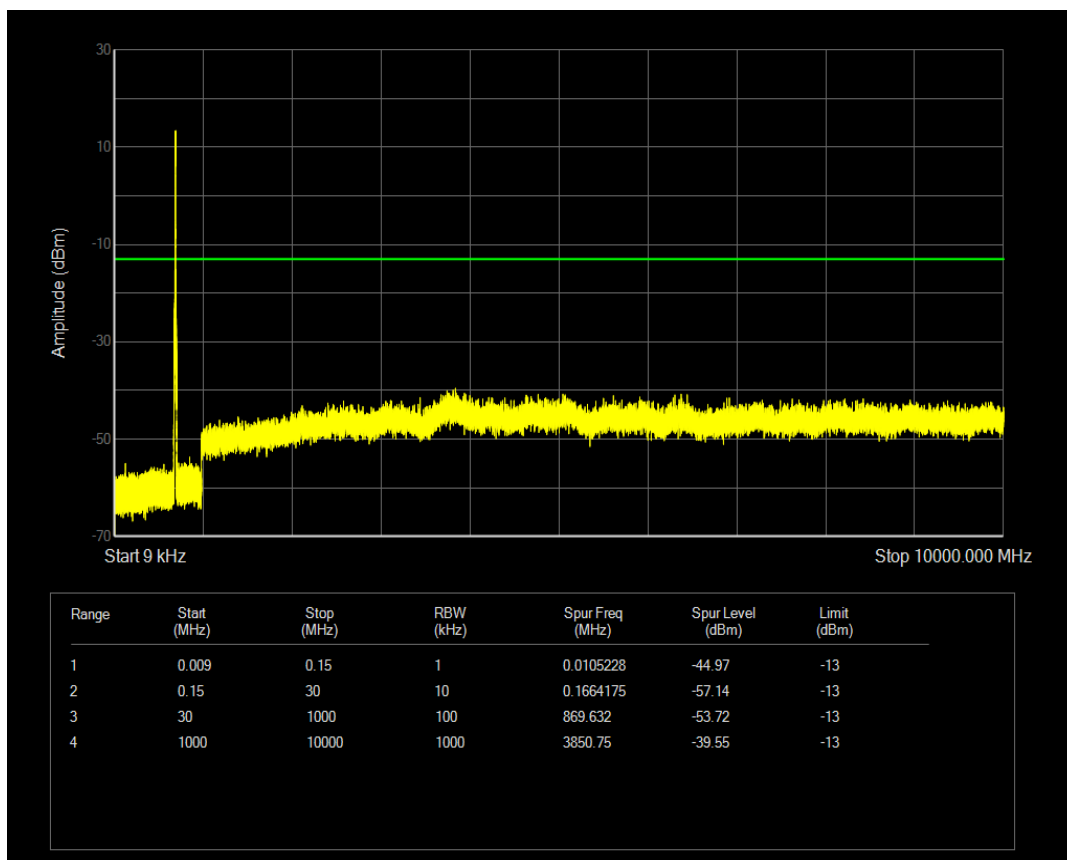
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band17	5	23755	25	#0	QPSK	8446.60	-39.65	-13	PASS
Band17	5	23755	25	#0	QAM16	3751.30	-39.82	-13	PASS
Band17	5	23825	25	#0	QPSK	3807.33	-39.98	-13	PASS
Band17	5	23825	25	#0	QAM16	4967.88	-38.82	-13	PASS
Band17	10	23780	50	#0	QPSK	3850.75	-39.55	-13	PASS
Band17	10	23780	50	#0	QAM16	3795.18	-39.55	-13	PASS
Band17	10	23800	50	#0	QPSK	3670.30	-39.38	-13	PASS
Band17	10	23800	50	#0	QAM16	3829.38	-38.87	-13	PASS

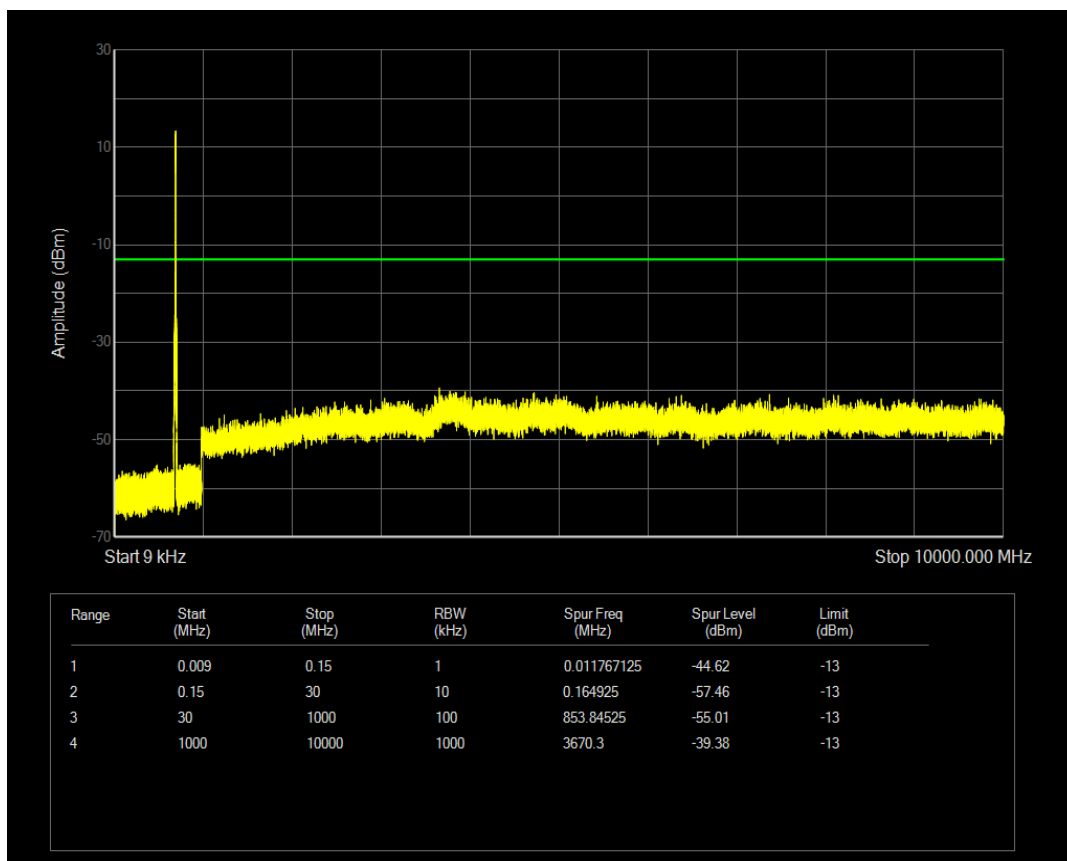
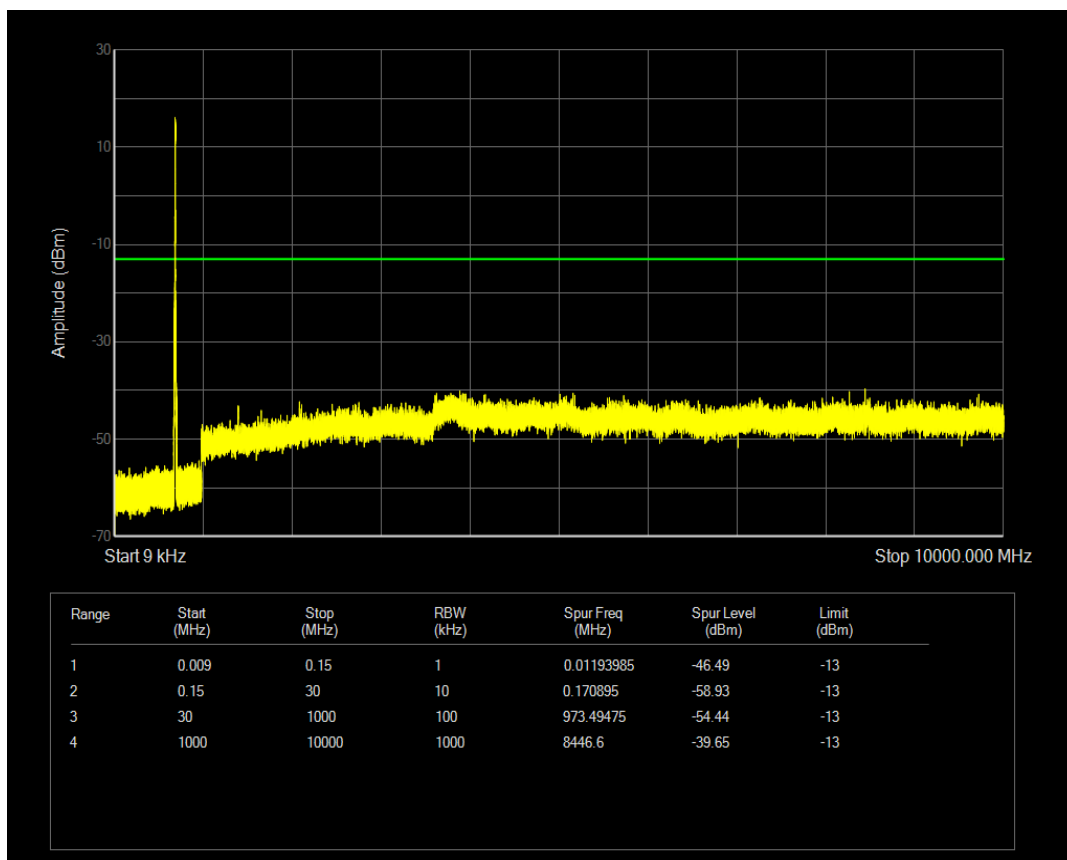
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



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

**Band17 QAM16 BW=5MHz Channel=23755 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=10MHz Channel=23800 RB Size=50 Position=#0**

**Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0****Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0**

