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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	23.10	-7.25	-9.4	13.70	34.77	Pass
Band17	5	23755	1	#Mid	QPSK	23.09	-7.25	-9.4	13.69	34.77	Pass
Band17	5	23755	1	#Max	QPSK	23.22	-7.25	-9.4	13.82	34.77	Pass
Band17	5	23755	12	#0	QPSK	21.97	-7.25	-9.4	12.57	34.77	Pass
Band17	5	23755	12	#Mid	QPSK	22.00	-7.25	-9.4	12.60	34.77	Pass
Band17	5	23755	12	#Max	QPSK	22.06	-7.25	-9.4	12.66	34.77	Pass
Band17	5	23755	25	#0	QPSK	22.05	-7.25	-9.4	12.65	34.77	Pass
Band17	5	23755	1	#0	QAM16	22.49	-7.25	-9.4	13.09	34.77	Pass
Band17	5	23755	1	#Mid	QAM16	22.46	-7.25	-9.4	13.06	34.77	Pass
Band17	5	23755	1	#Max	QAM16	22.62	-7.25	-9.4	13.22	34.77	Pass
Band17	5	23755	12	#0	QAM16	20.94	-7.25	-9.4	11.54	34.77	Pass
Band17	5	23755	12	#Mid	QAM16	20.96	-7.25	-9.4	11.56	34.77	Pass
Band17	5	23755	12	#Max	QAM16	20.99	-7.25	-9.4	11.59	34.77	Pass
Band17	5	23755	25	#0	QAM16	21.08	-7.25	-9.4	11.68	34.77	Pass
Band17	5	23790	1	#0	QPSK	23.12	-7.25	-9.4	13.72	34.77	Pass
Band17	5	23790	1	#Mid	QPSK	23.10	-7.25	-9.4	13.70	34.77	Pass
Band17	5	23790	1	#Max	QPSK	23.11	-7.25	-9.4	13.71	34.77	Pass
Band17	5	23790	12	#0	QPSK	22.08	-7.25	-9.4	12.68	34.77	Pass
Band17	5	23790	12	#Mid	QPSK	22.04	-7.25	-9.4	12.64	34.77	Pass
Band17	5	23790	12	#Max	QPSK	21.99	-7.25	-9.4	12.59	34.77	Pass
Band17	5	23790	25	#0	QPSK	22.05	-7.25	-9.4	12.65	34.77	Pass
Band17	5	23790	1	#0	QAM16	22.48	-7.25	-9.4	13.08	34.77	Pass
Band17	5	23790	1	#Mid	QAM16	22.46	-7.25	-9.4	13.06	34.77	Pass
Band17	5	23790	1	#Max	QAM16	22.49	-7.25	-9.4	13.09	34.77	Pass
Band17	5	23790	12	#0	QAM16	21.10	-7.25	-9.4	11.70	34.77	Pass
Band17	5	23790	12	#Mid	QAM16	21.03	-7.25	-9.4	11.63	34.77	Pass
Band17	5	23790	12	#Max	QAM16	21.03	-7.25	-9.4	11.63	34.77	Pass
Band17	5	23790	25	#0	QAM16	21.05	-7.25	-9.4	11.65	34.77	Pass
Band17	5	23825	1	#0	QPSK	23.24	-7.25	-9.4	13.84	34.77	Pass
Band17	5	23825	1	#Mid	QPSK	23.12	-7.25	-9.4	13.72	34.77	Pass
Band17	5	23825	1	#Max	QPSK	23.13	-7.25	-9.4	13.73	34.77	Pass
Band17	5	23825	12	#0	QPSK	22.08	-7.25	-9.4	12.68	34.77	Pass
Band17	5	23825	12	#Mid	QPSK	22.01	-7.25	-9.4	12.61	34.77	Pass
Band17	5	23825	12	#Max	QPSK	21.96	-7.25	-9.4	12.56	34.77	Pass
Band17	5	23825	25	#0	QPSK	22.00	-7.25	-9.4	12.60	34.77	Pass
Band17	5	23825	1	#0	QAM16	22.71	-7.25	-9.4	13.31	34.77	Pass
Band17	5	23825	1	#Mid	QAM16	22.49	-7.25	-9.4	13.09	34.77	Pass

Band17	5	23825	1	#Max	QAM16	22.51	-7.25	-9.4	13.11	34.77	Pass
Band17	5	23825	12	#0	QAM16	21.05	-7.25	-9.4	11.65	34.77	Pass
Band17	5	23825	12	#Mid	QAM16	20.99	-7.25	-9.4	11.59	34.77	Pass
Band17	5	23825	12	#Max	QAM16	20.91	-7.25	-9.4	11.51	34.77	Pass
Band17	5	23825	25	#0	QAM16	21.00	-7.25	-9.4	11.60	34.77	Pass
Band17	10	23780	1	#0	QPSK	23.03	-7.25	-9.4	13.63	34.77	Pass
Band17	10	23780	1	#Mid	QPSK	23.14	-7.25	-9.4	13.74	34.77	Pass
Band17	10	23780	1	#Max	QPSK	23.08	-7.25	-9.4	13.68	34.77	Pass
Band17	10	23780	25	#0	QPSK	21.96	-7.25	-9.4	12.56	34.77	Pass
Band17	10	23780	25	#Mid	QPSK	22.03	-7.25	-9.4	12.63	34.77	Pass
Band17	10	23780	25	#Max	QPSK	21.93	-7.25	-9.4	12.53	34.77	Pass
Band17	10	23780	50	#0	QPSK	21.99	-7.25	-9.4	12.59	34.77	Pass
Band17	10	23780	1	#0	QAM16	22.48	-7.25	-9.4	13.08	34.77	Pass
Band17	10	23780	1	#Mid	QAM16	22.54	-7.25	-9.4	13.14	34.77	Pass
Band17	10	23780	1	#Max	QAM16	22.55	-7.25	-9.4	13.15	34.77	Pass
Band17	10	23780	25	#0	QAM16	20.99	-7.25	-9.4	11.59	34.77	Pass
Band17	10	23780	25	#Mid	QAM16	21.07	-7.25	-9.4	11.67	34.77	Pass
Band17	10	23780	25	#Max	QAM16	20.95	-7.25	-9.4	11.55	34.77	Pass
Band17	10	23780	50	#0	QAM16	20.99	-7.25	-9.4	11.59	34.77	Pass
Band17	10	23790	1	#0	QPSK	23.05	-7.25	-9.4	13.65	34.77	Pass
Band17	10	23790	1	#Mid	QPSK	23.14	-7.25	-9.4	13.74	34.77	Pass
Band17	10	23790	1	#Max	QPSK	23.04	-7.25	-9.4	13.64	34.77	Pass
Band17	10	23790	25	#0	QPSK	21.97	-7.25	-9.4	12.57	34.77	Pass
Band17	10	23790	25	#Mid	QPSK	22.03	-7.25	-9.4	12.63	34.77	Pass
Band17	10	23790	25	#Max	QPSK	21.90	-7.25	-9.4	12.50	34.77	Pass
Band17	10	23790	50	#0	QPSK	21.98	-7.25	-9.4	12.58	34.77	Pass
Band17	10	23790	1	#0	QAM16	22.30	-7.25	-9.4	12.90	34.77	Pass
Band17	10	23790	1	#Mid	QAM16	22.32	-7.25	-9.4	12.92	34.77	Pass
Band17	10	23790	1	#Max	QAM16	22.26	-7.25	-9.4	12.86	34.77	Pass
Band17	10	23790	25	#0	QAM16	21.02	-7.25	-9.4	11.62	34.77	Pass
Band17	10	23790	25	#Mid	QAM16	21.05	-7.25	-9.4	11.65	34.77	Pass
Band17	10	23790	25	#Max	QAM16	20.90	-7.25	-9.4	11.50	34.77	Pass
Band17	10	23790	50	#0	QAM16	21.01	-7.25	-9.4	11.61	34.77	Pass
Band17	10	23800	1	#0	QPSK	23.15	-7.25	-9.4	13.75	34.77	Pass
Band17	10	23800	1	#Mid	QPSK	23.14	-7.25	-9.4	13.74	34.77	Pass
Band17	10	23800	1	#Max	QPSK	23.11	-7.25	-9.4	13.71	34.77	Pass
Band17	10	23800	25	#0	QPSK	22.01	-7.25	-9.4	12.61	34.77	Pass
Band17	10	23800	25	#Mid	QPSK	22.08	-7.25	-9.4	12.68	34.77	Pass
Band17	10	23800	25	#Max	QPSK	21.90	-7.25	-9.4	12.50	34.77	Pass
Band17	10	23800	50	#0	QPSK	21.97	-7.25	-9.4	12.57	34.77	Pass
Band17	10	23800	1	#0	QAM16	22.58	-7.25	-9.4	13.18	34.77	Pass
Band17	10	23800	1	#Mid	QAM16	22.52	-7.25	-9.4	13.12	34.77	Pass
Band17	10	23800	1	#Max	QAM16	22.46	-7.25	-9.4	13.06	34.77	Pass
Band17	10	23800	25	#0	QAM16	21.05	-7.25	-9.4	11.65	34.77	Pass

Band17	10	23800	25	#Mid	QAM16	20.98	-7.25	-9.4	11.58	34.77	Pass
Band17	10	23800	25	#Max	QAM16	21.12	-7.25	-9.4	11.72	34.77	Pass
Band17	10	23800	50	#0	QAM16	20.93	-7.25	-9.4	11.53	34.77	Pass

2 Frequency stability

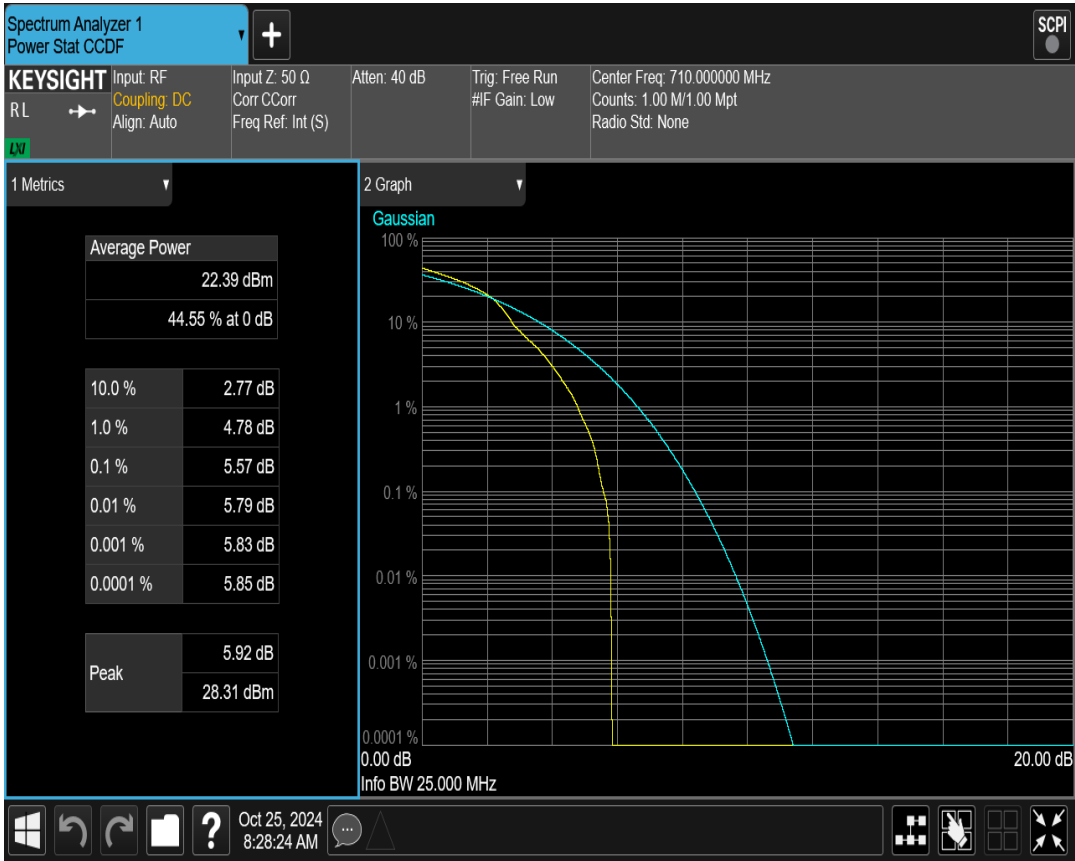
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result(Hz)</i>	<i>Result (ppm)</i>	<i>Low Limit (ppm)</i>	<i>high Limit (ppm)</i>	<i>Verdict</i>
Band17	10	23780	50	#0	QPSK	-1.33	-0.002	-2.5	2.5	PASS
Band17	10	23780	50	#0	QAM16	-2.56	-0.004	-2.5	2.5	PASS
Band17	10	23790	50	#0	QPSK	-1.43	-0.002	-2.5	2.5	PASS
Band17	10	23790	50	#0	QAM16	-0.55	-0.001	-2.5	2.5	PASS
Band17	10	23800	50	#0	QPSK	-2.58	-0.004	-2.5	2.5	PASS
Band17	10	23800	50	#0	QAM16	-1.64	-0.002	-2.5	2.5	PASS

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

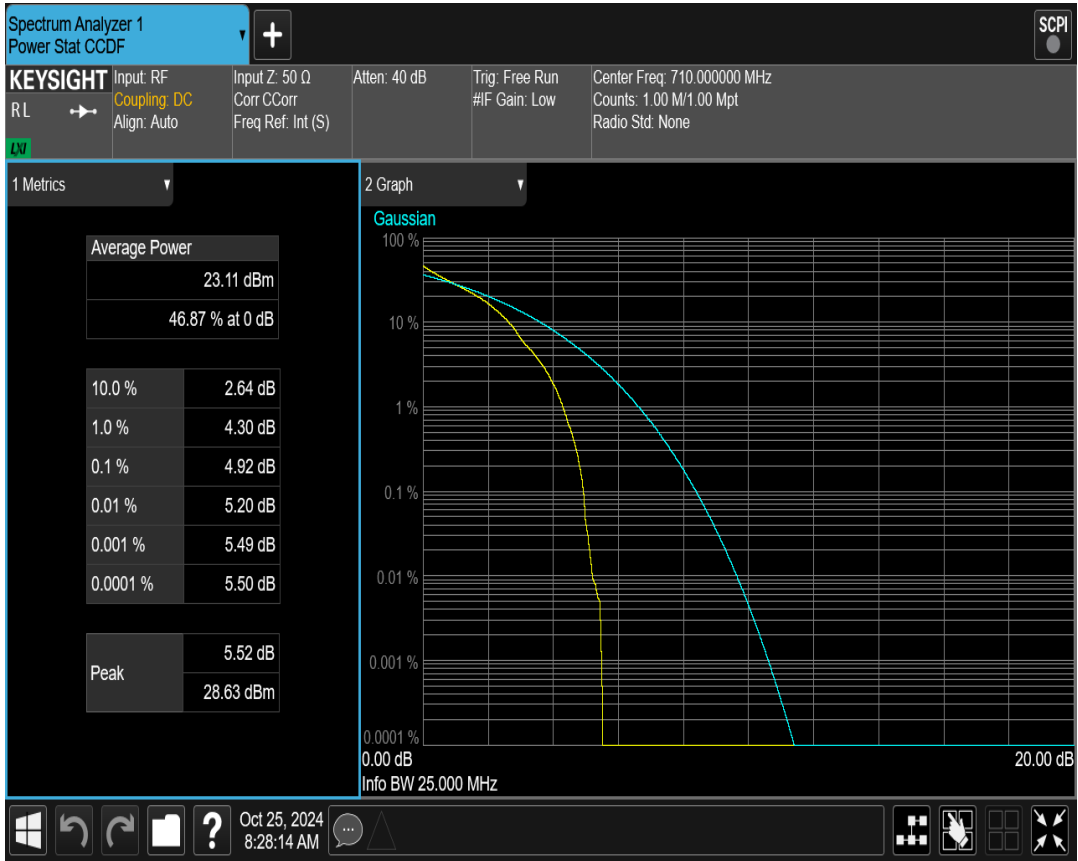
3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band17	5	23790	1	#0	QPSK	4.92	13	PASS
Band17	5	23790	1	#0	QAM16	5.68	13	PASS
Band17	10	23790	1	#0	QPSK	4.70	13	PASS
Band17	10	23790	1	#0	QAM16	5.57	13	PASS

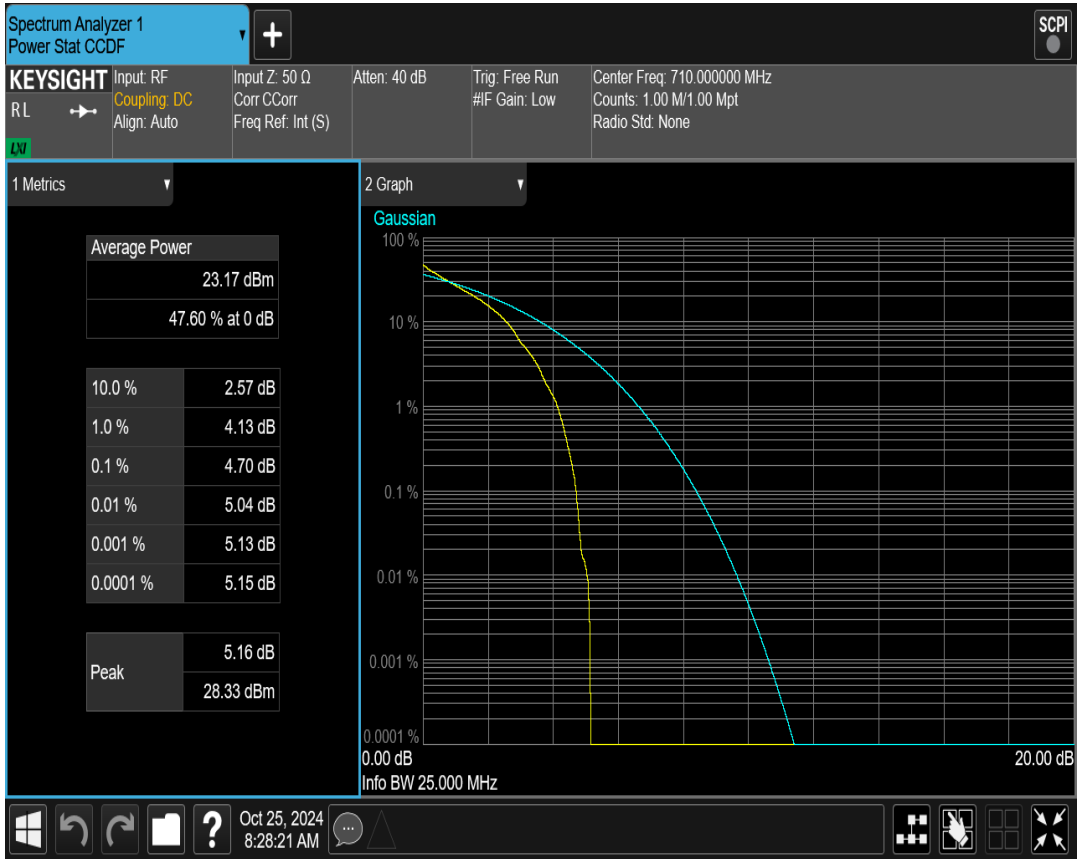
Band17 QAM16 BW=10MHz Channel=23790 RB Size=1 Position=#0



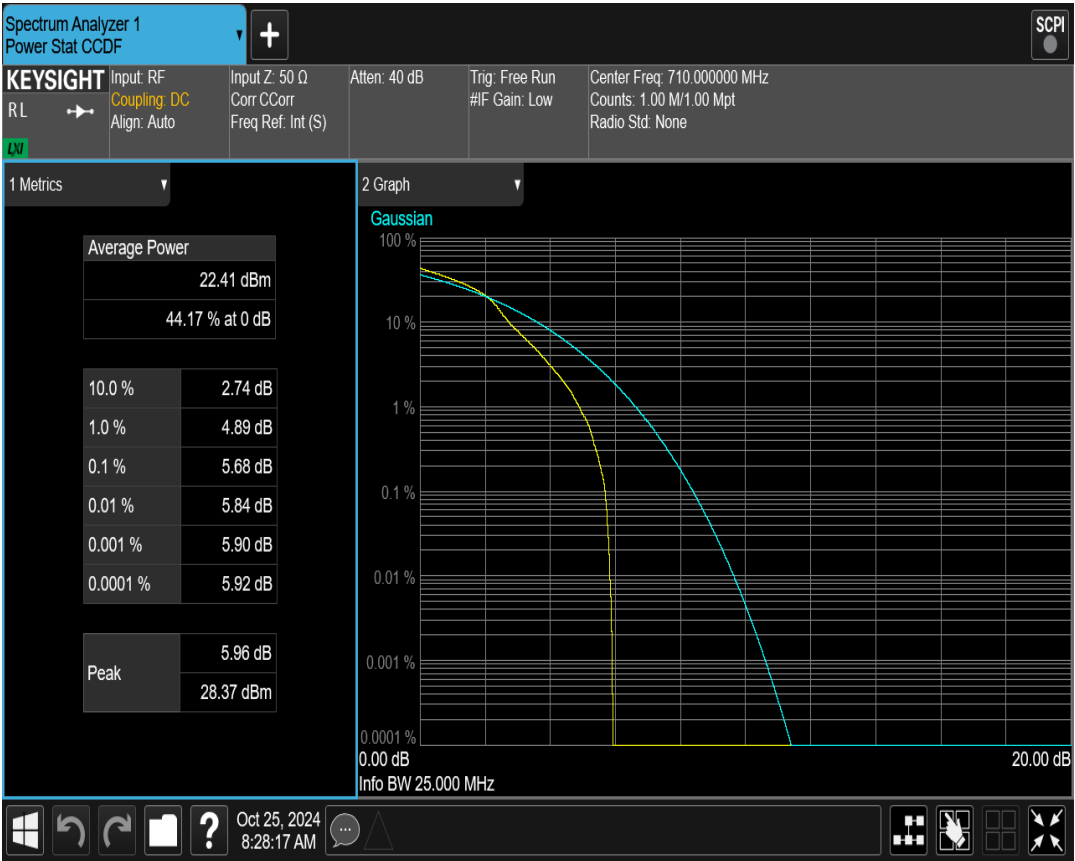
Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0



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



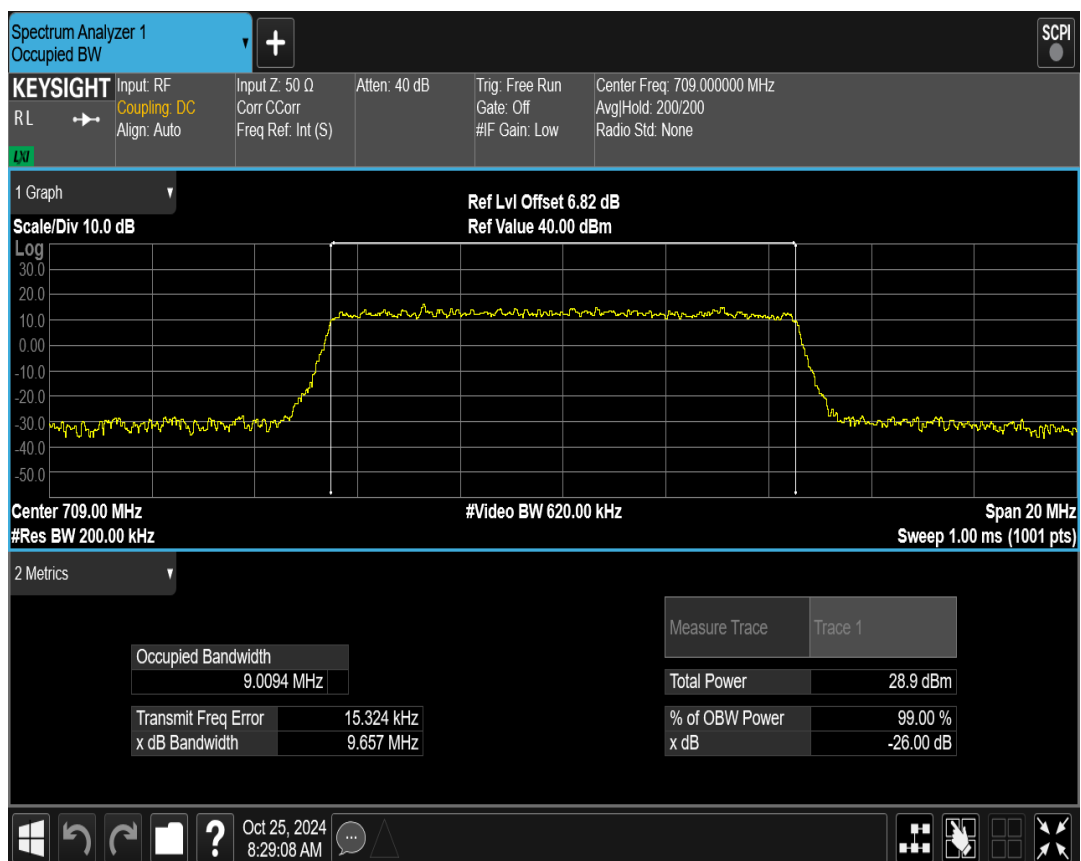
Band17 QAM16 BW=5MHz Channel=23790 RB Size=1 Position=#0



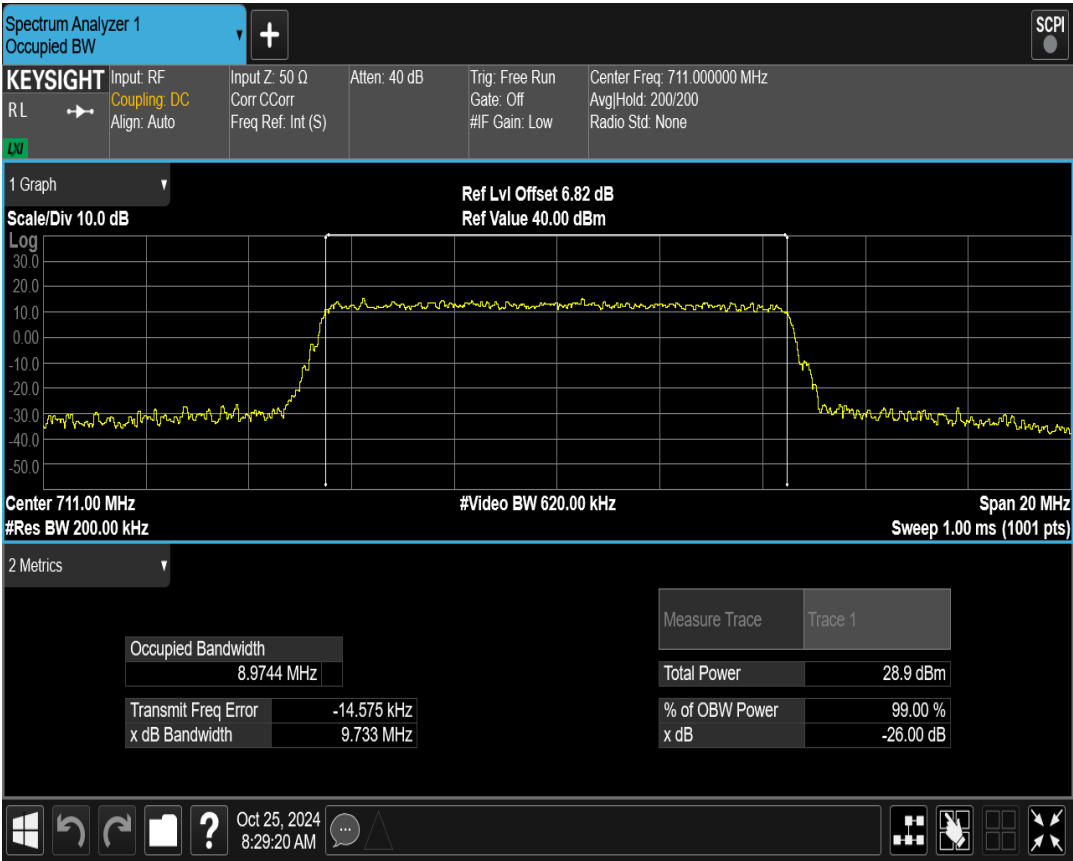
4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band17	5	23755	25	#0	QPSK	4.515	4.918	PASS
Band17	5	23755	25	#0	QAM16	4.506	4.939	PASS
Band17	5	23790	25	#0	QPSK	4.495	4.883	PASS
Band17	5	23790	25	#0	QAM16	4.509	4.949	PASS
Band17	5	23825	25	#0	QPSK	4.517	4.931	PASS
Band17	5	23825	25	#0	QAM16	4.509	4.899	PASS
Band17	10	23780	50	#0	QPSK	8.971	9.728	PASS
Band17	10	23780	50	#0	QAM16	9.009	9.657	PASS
Band17	10	23790	50	#0	QPSK	8.965	9.757	PASS
Band17	10	23790	50	#0	QAM16	8.971	9.712	PASS
Band17	10	23800	50	#0	QPSK	8.951	9.677	PASS
Band17	10	23800	50	#0	QAM16	8.974	9.733	PASS

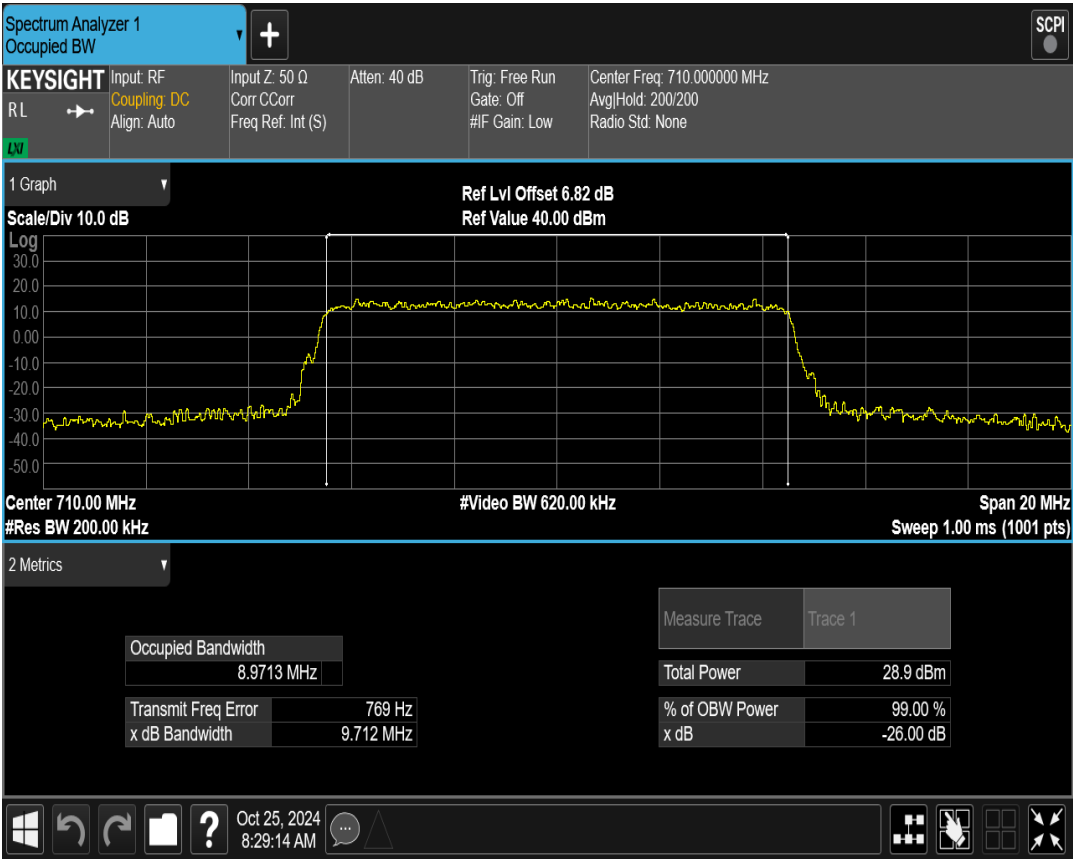
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



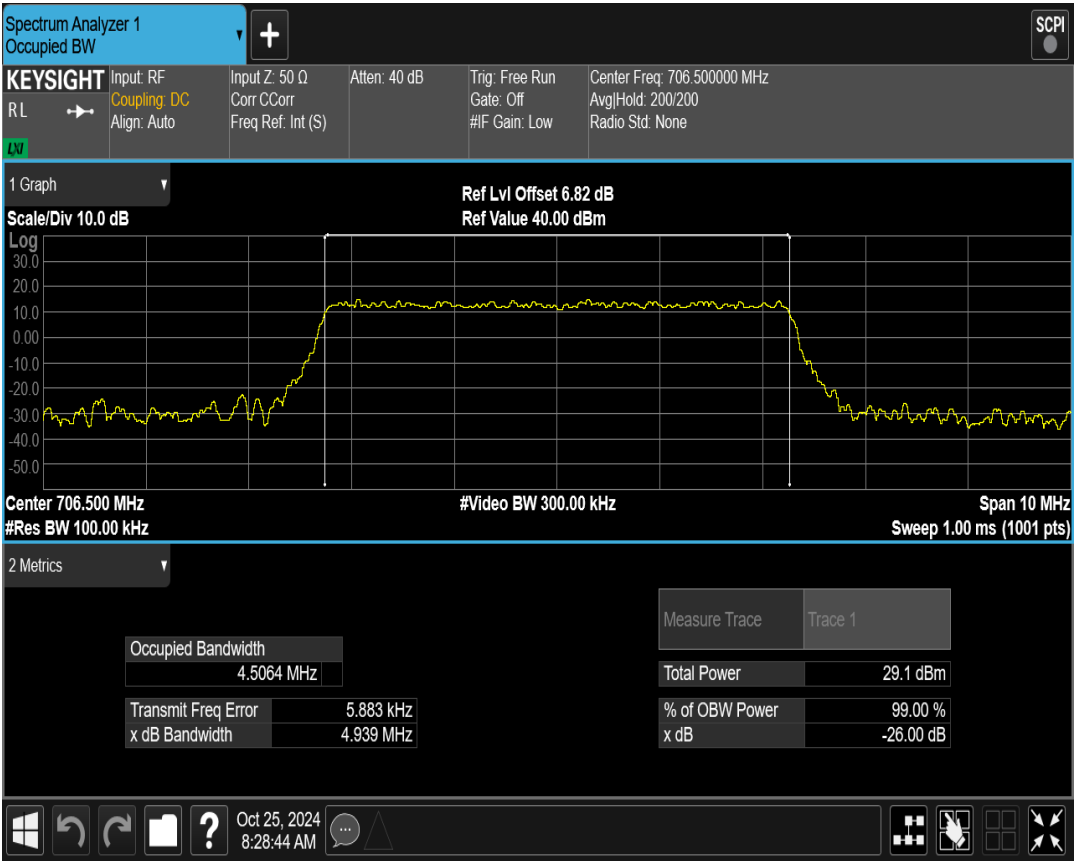
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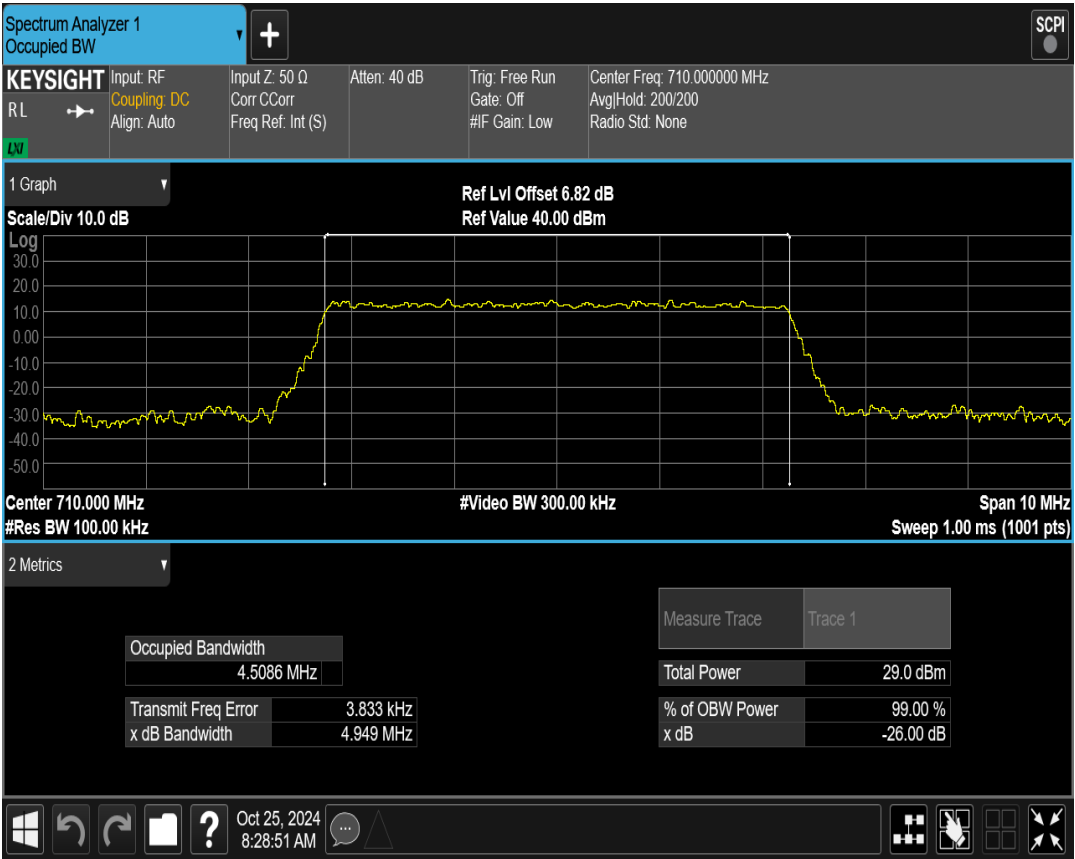
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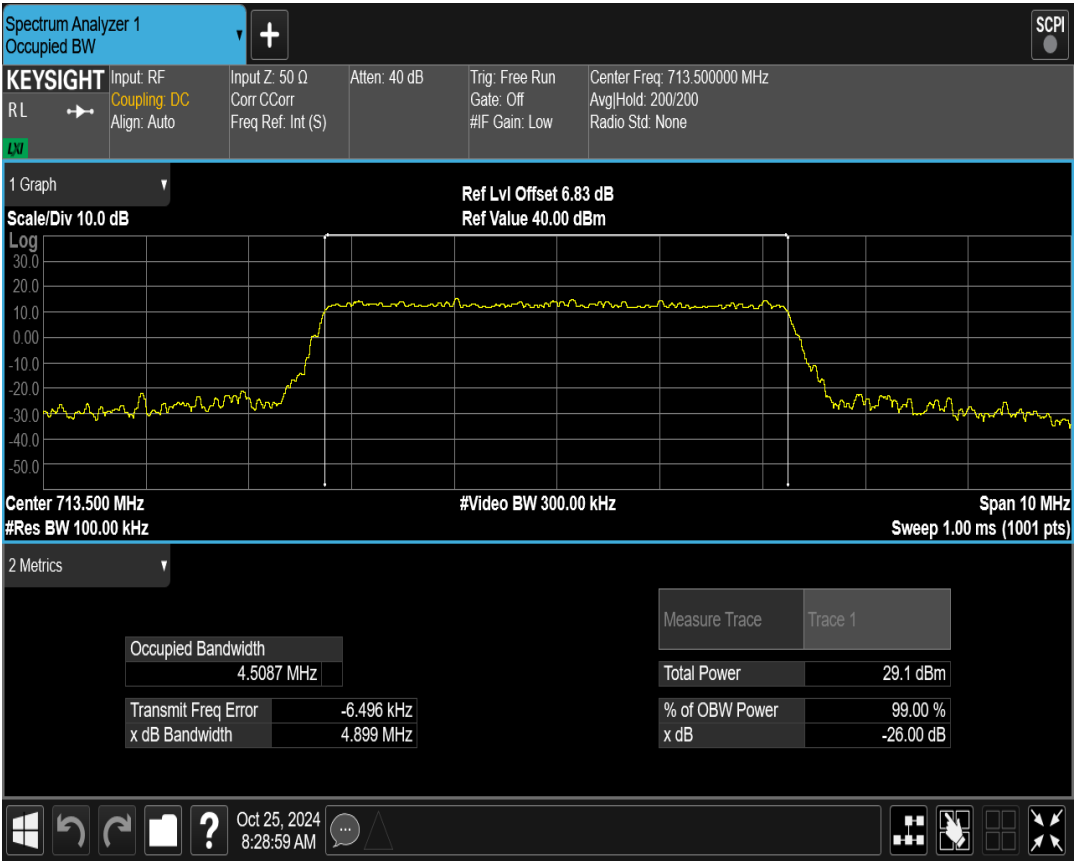
Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



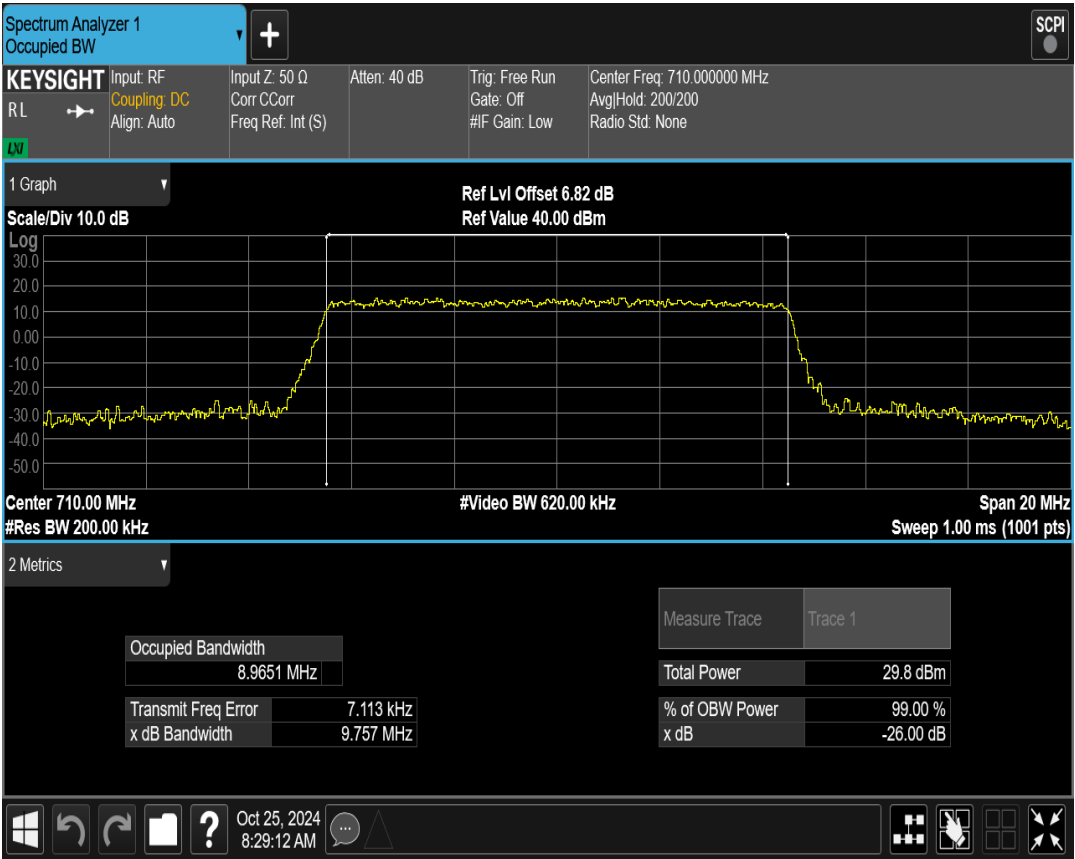
Band17 QAM16 BW=5MHz Channel=23790 RB Size=25 Position=#0



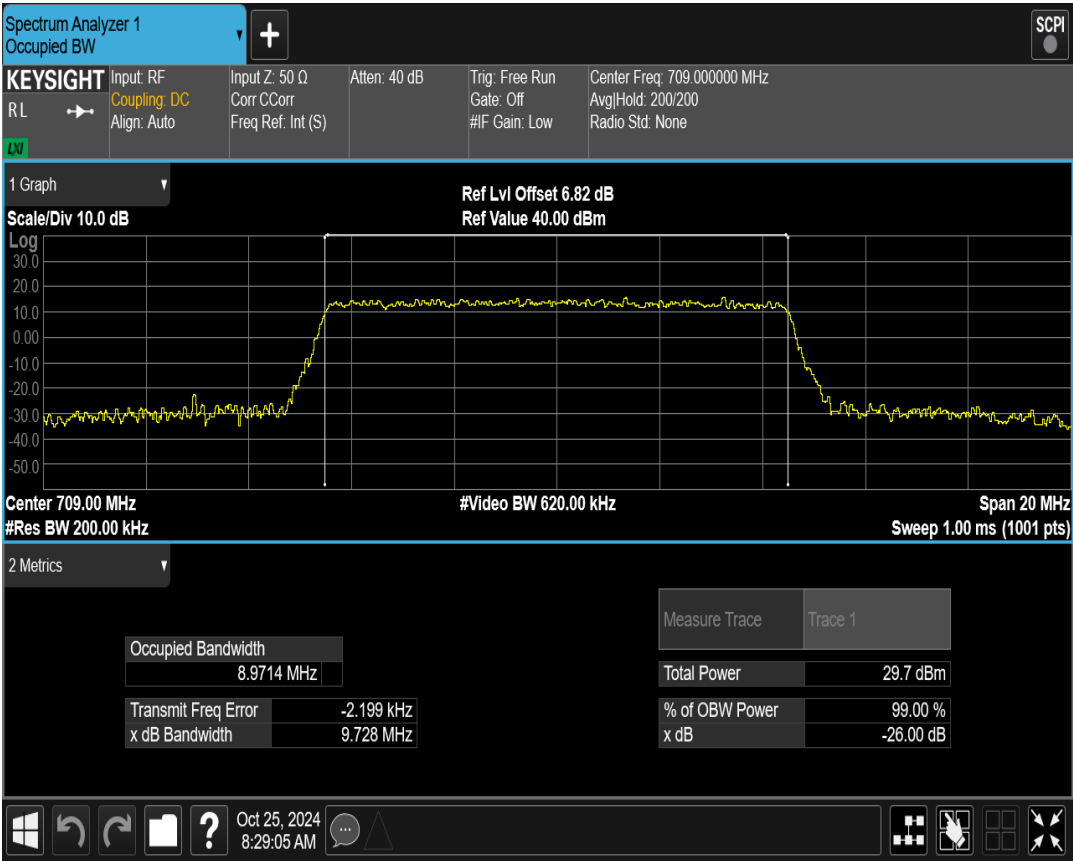
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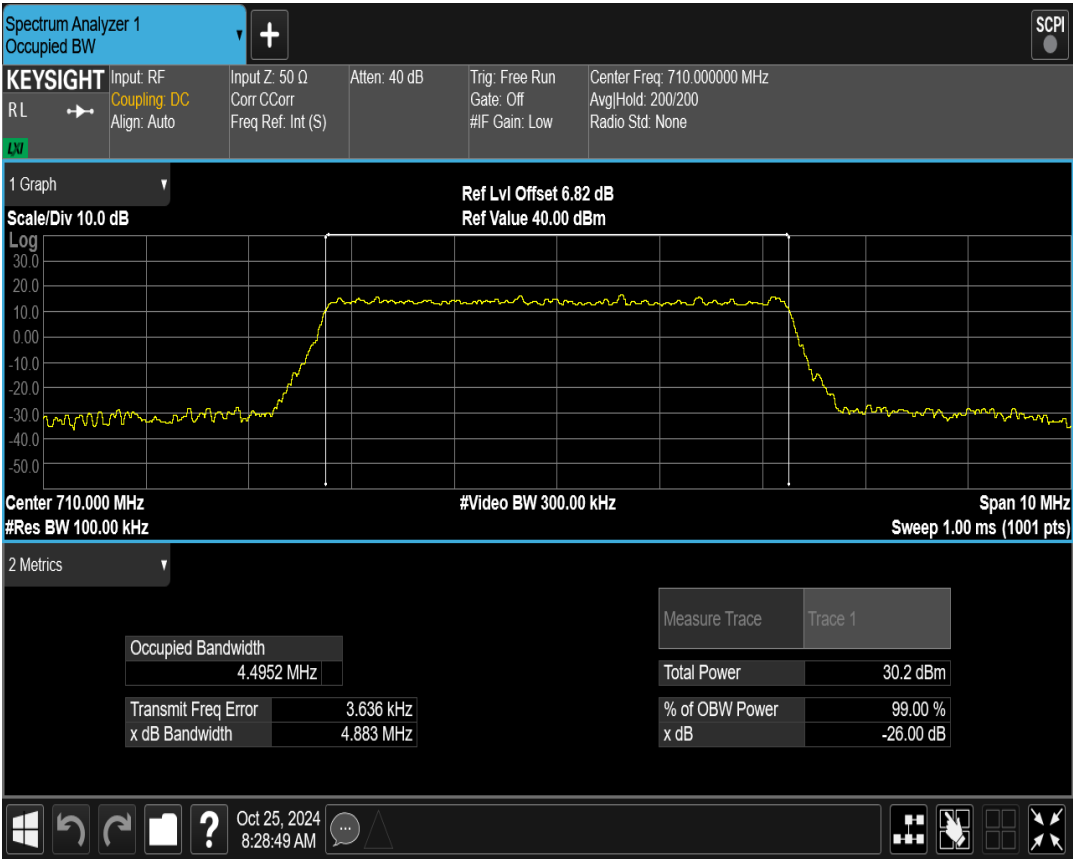
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



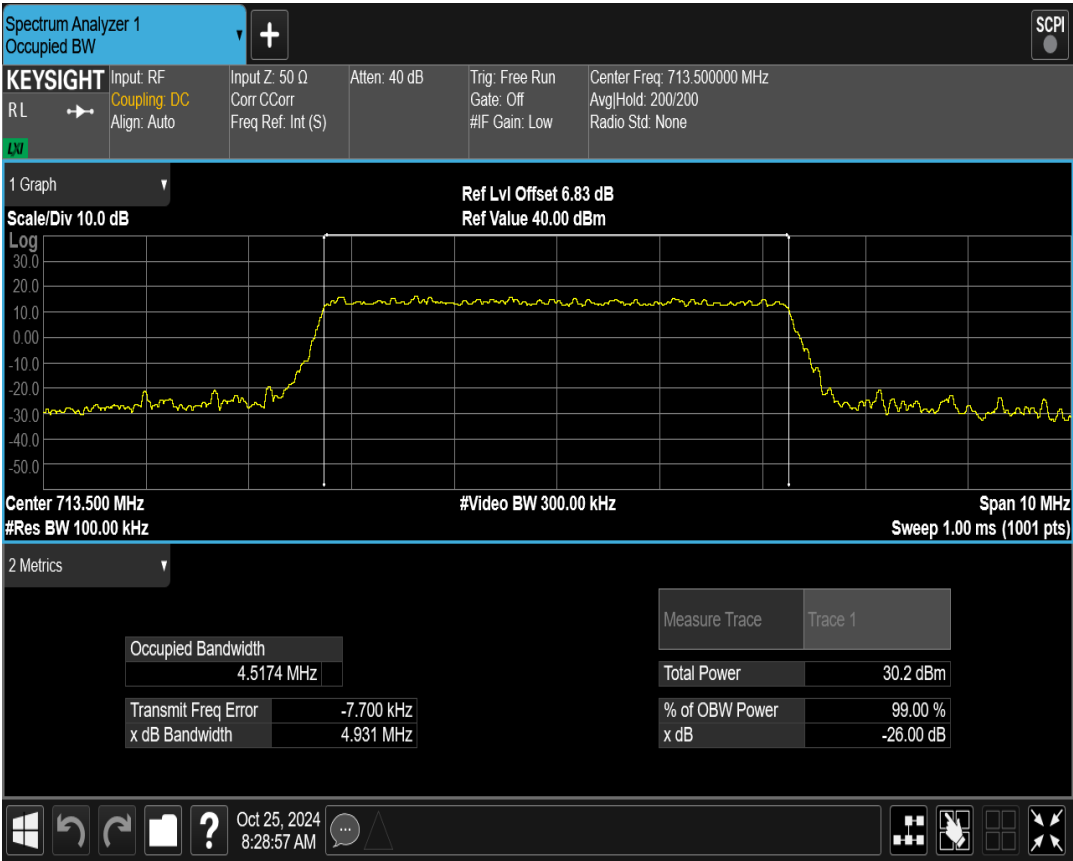
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



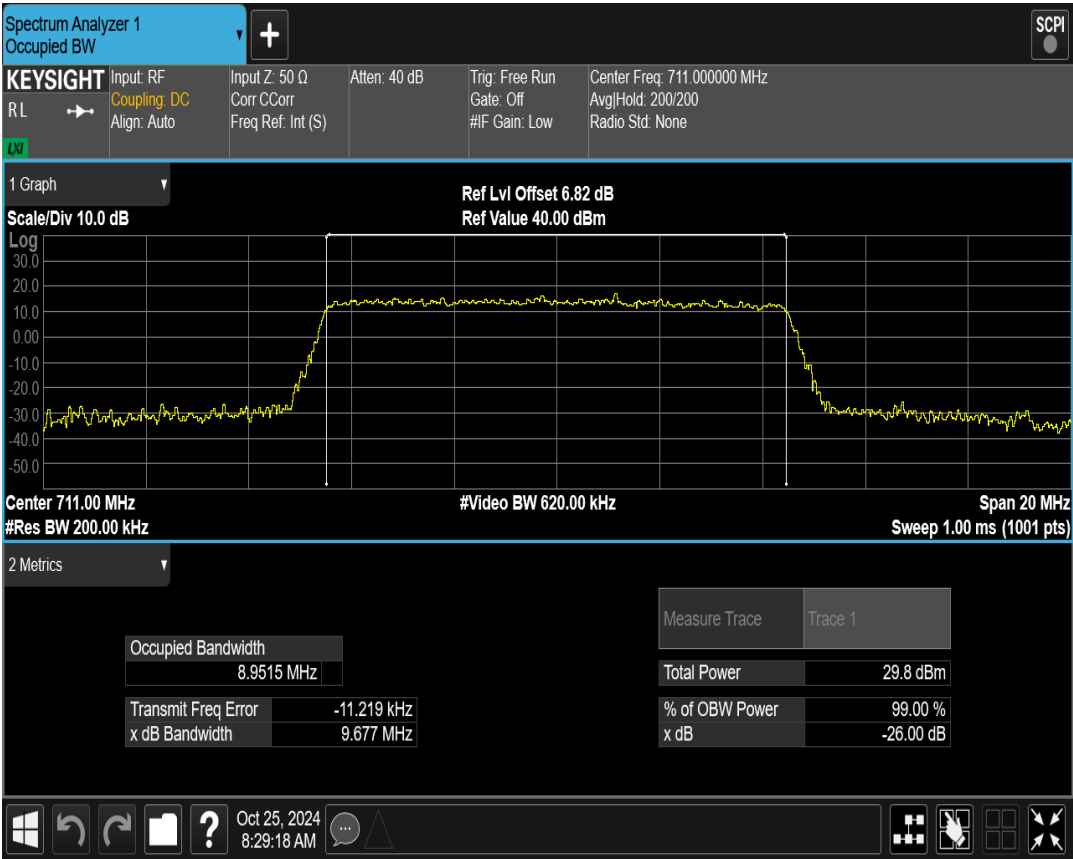
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



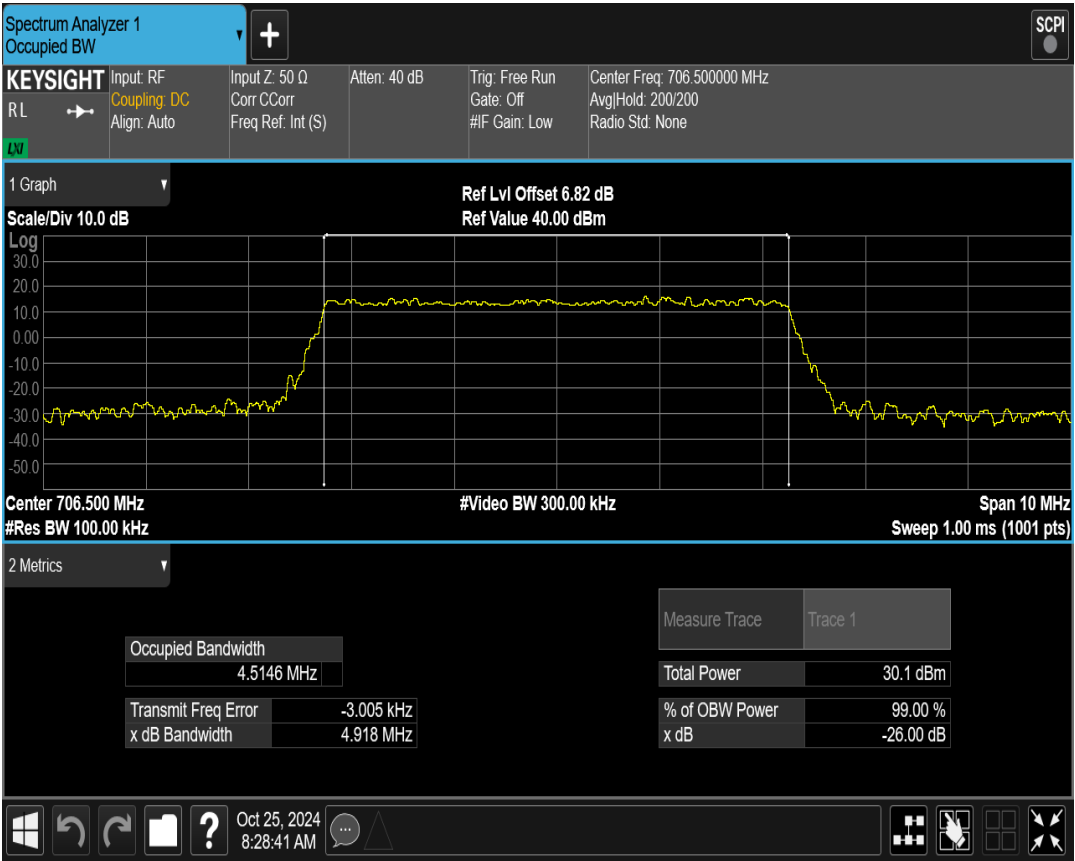
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



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



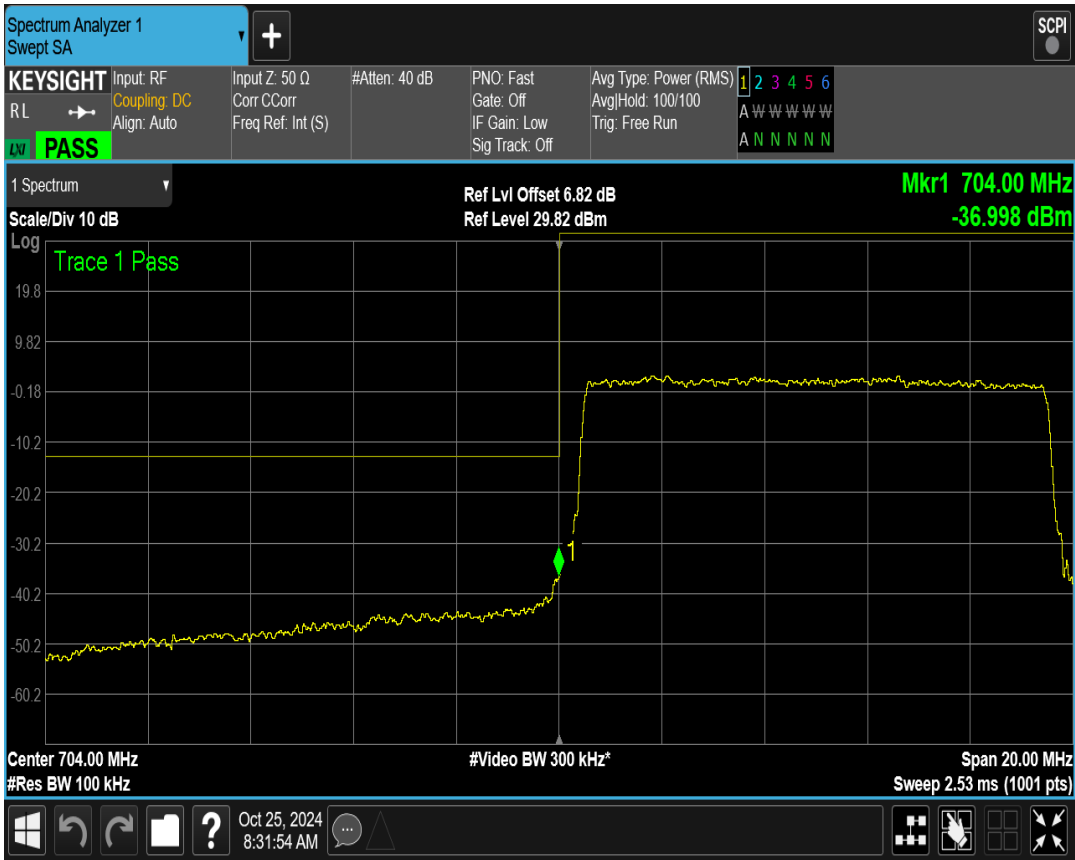
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



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	703.99	-30.75	-13	PASS
Band17	5	23755	25	#0	QAM16	704.00	-31.48	-13	PASS
Band17	5	23825	25	#0	QPSK	716.01	-31.77	-13	PASS
Band17	5	23825	25	#0	QAM16	716.01	-32.86	-13	PASS
Band17	10	23780	50	#0	QPSK	703.96	-36.81	-13	PASS
Band17	10	23780	50	#0	QAM16	704.00	-36.99	-13	PASS
Band17	10	23800	50	#0	QPSK	716.00	-38.45	-13	PASS
Band17	10	23800	50	#0	QAM16	716.00	-38.11	-13	PASS

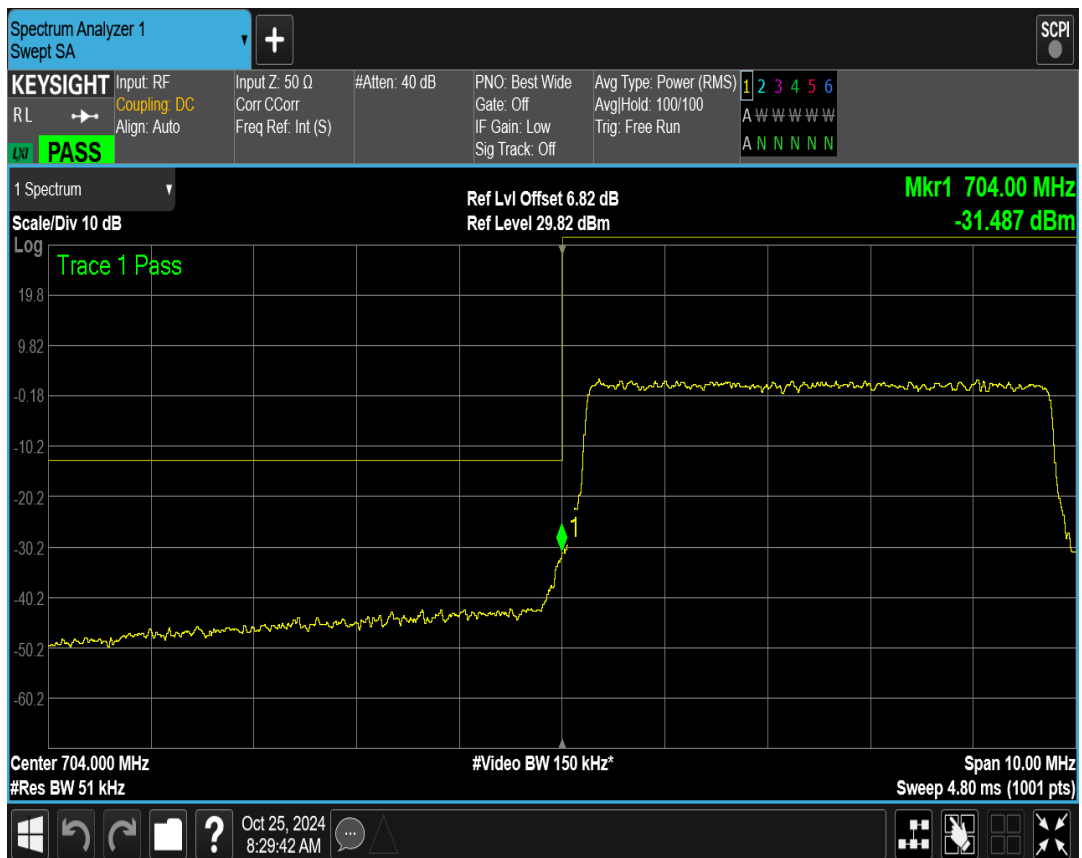
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



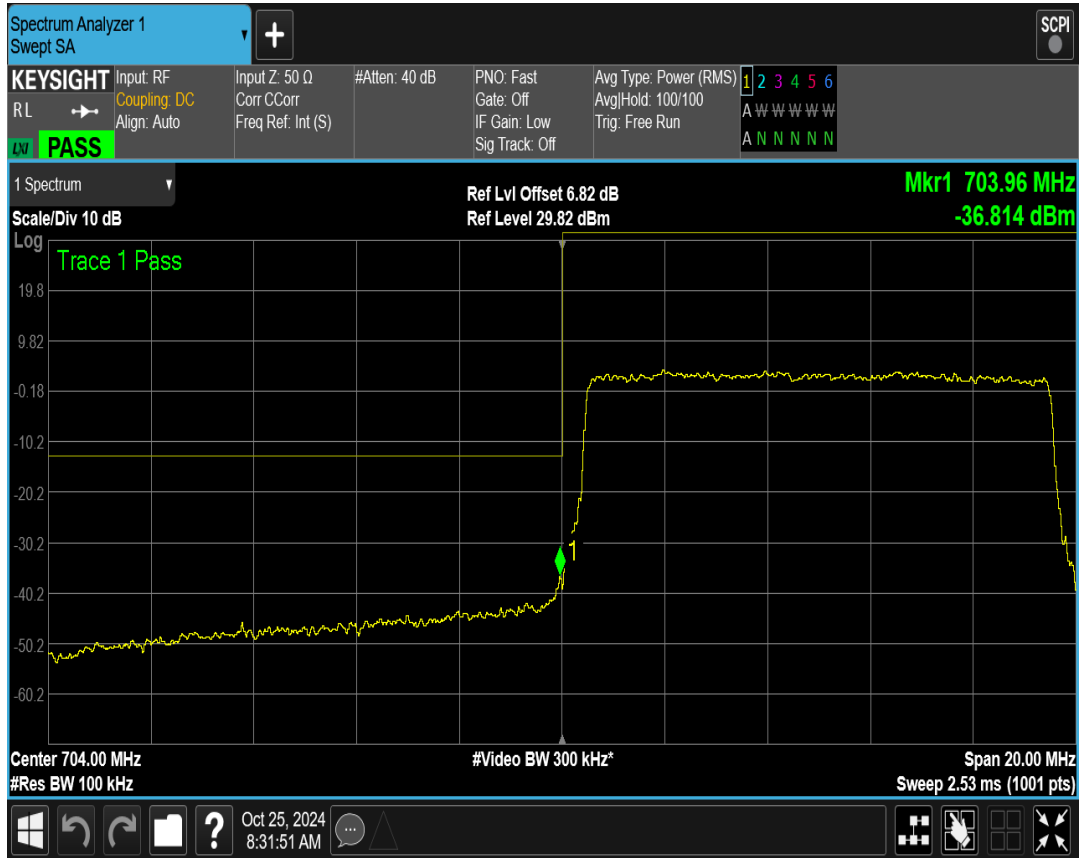
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Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



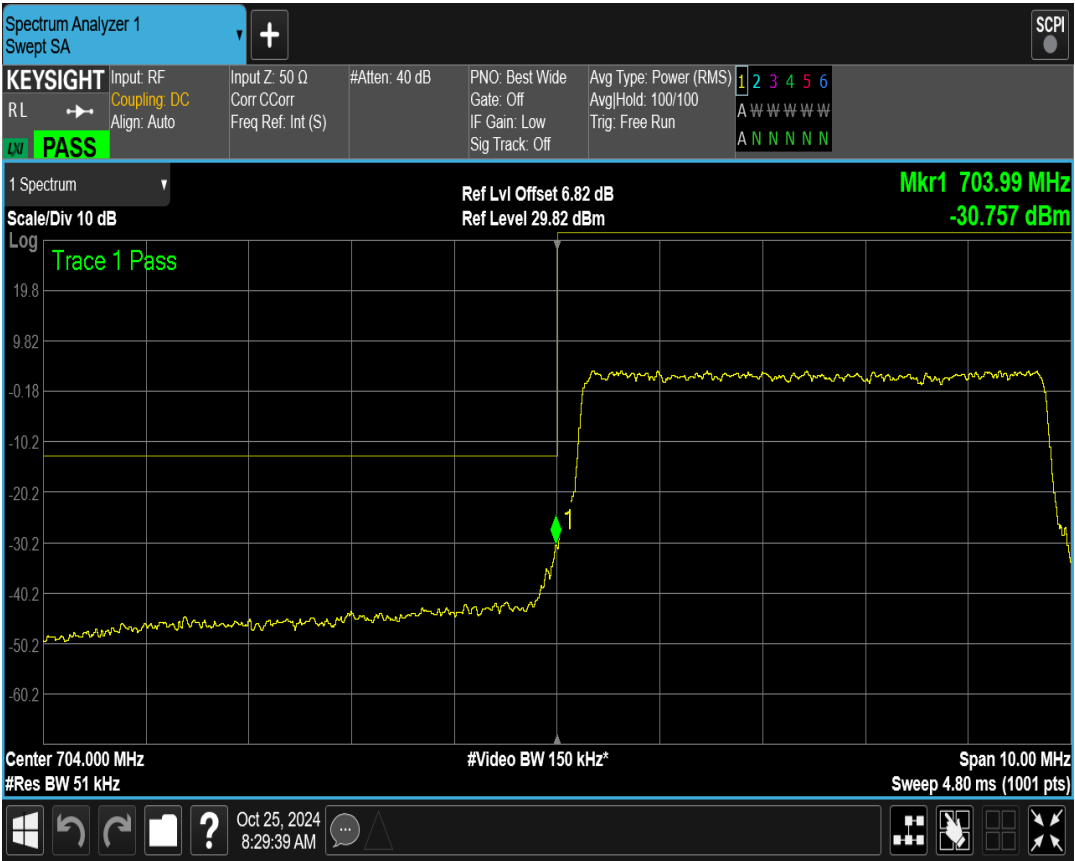
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



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



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



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



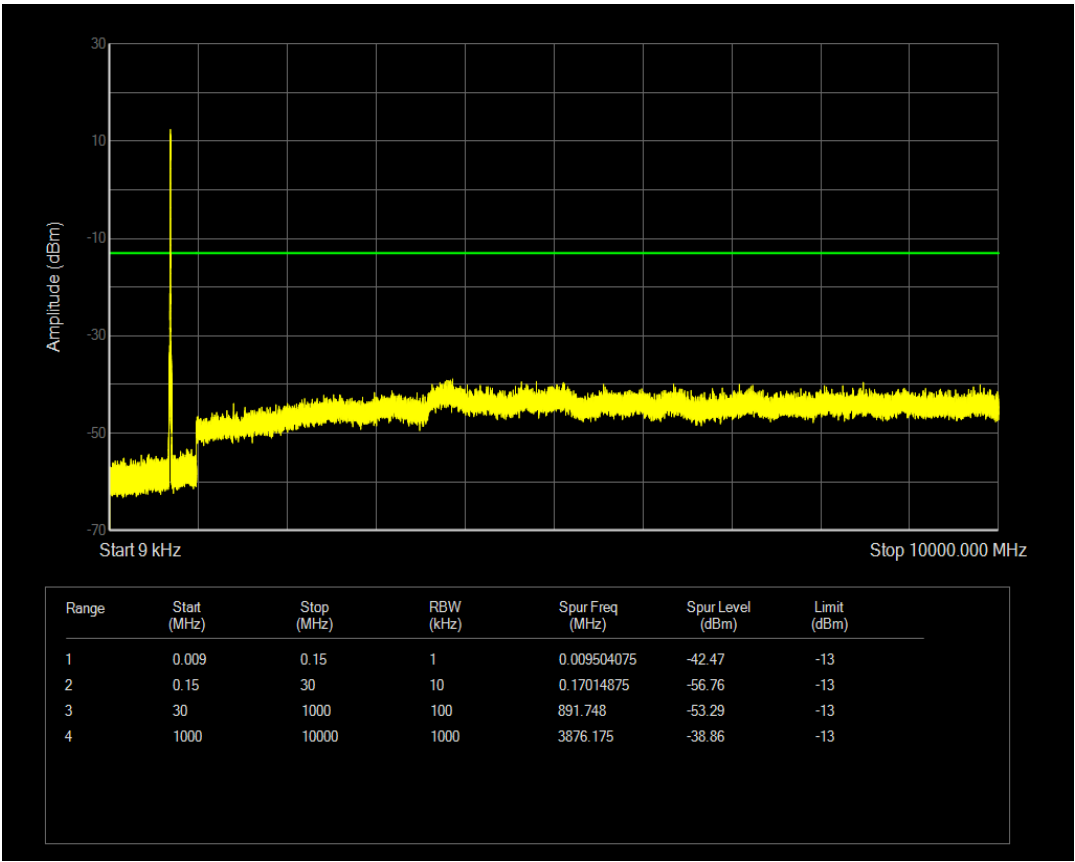
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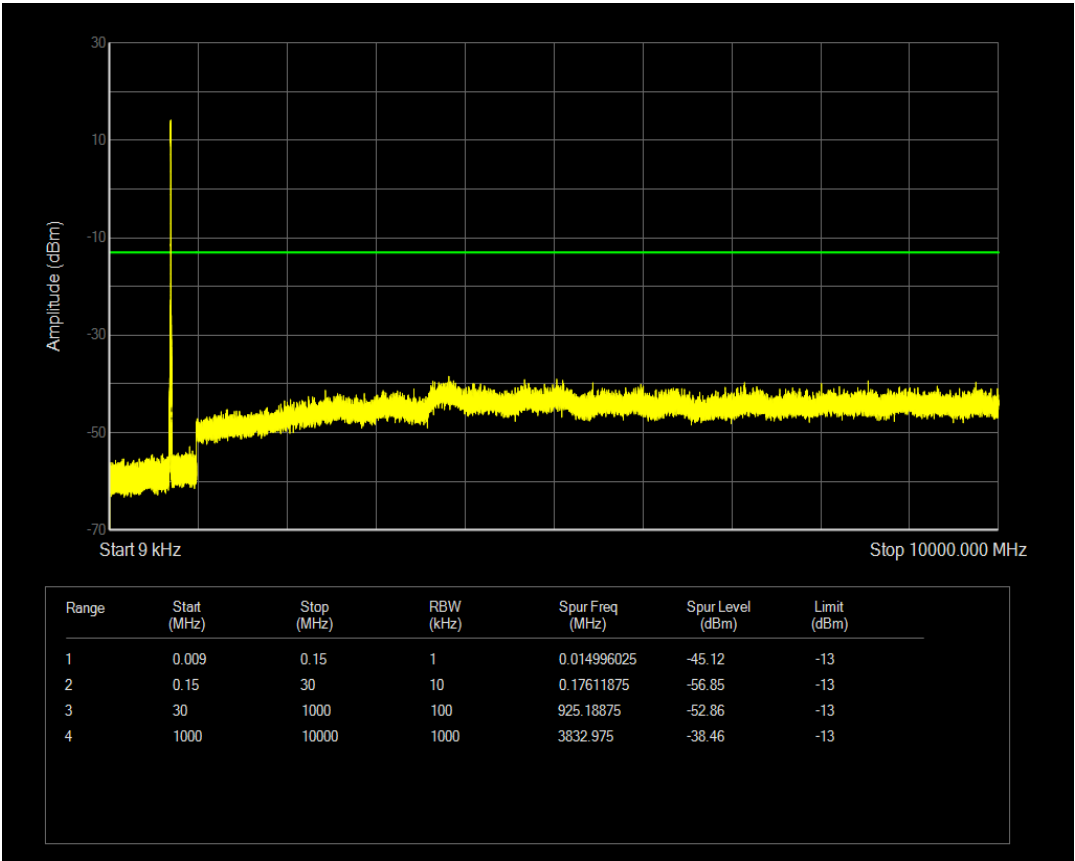
6 Out-of-band emissions

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	3819.70	-38.68	-13	PASS
Band17	5	23755	25	#0	QAM16	5088.93	-38.48	-13	PASS
Band17	5	23825	25	#0	QPSK	4209.18	-38.49	-13	PASS
Band17	5	23825	25	#0	QAM16	3832.98	-38.46	-13	PASS
Band17	10	23780	50	#0	QPSK	3909.25	-38.02	-13	PASS
Band17	10	23780	50	#0	QAM16	3876.18	-38.86	-13	PASS
Band17	10	23800	50	#0	QPSK	3778.53	-37.48	-13	PASS
Band17	10	23800	50	#0	QAM16	3865.15	-39.01	-13	PASS

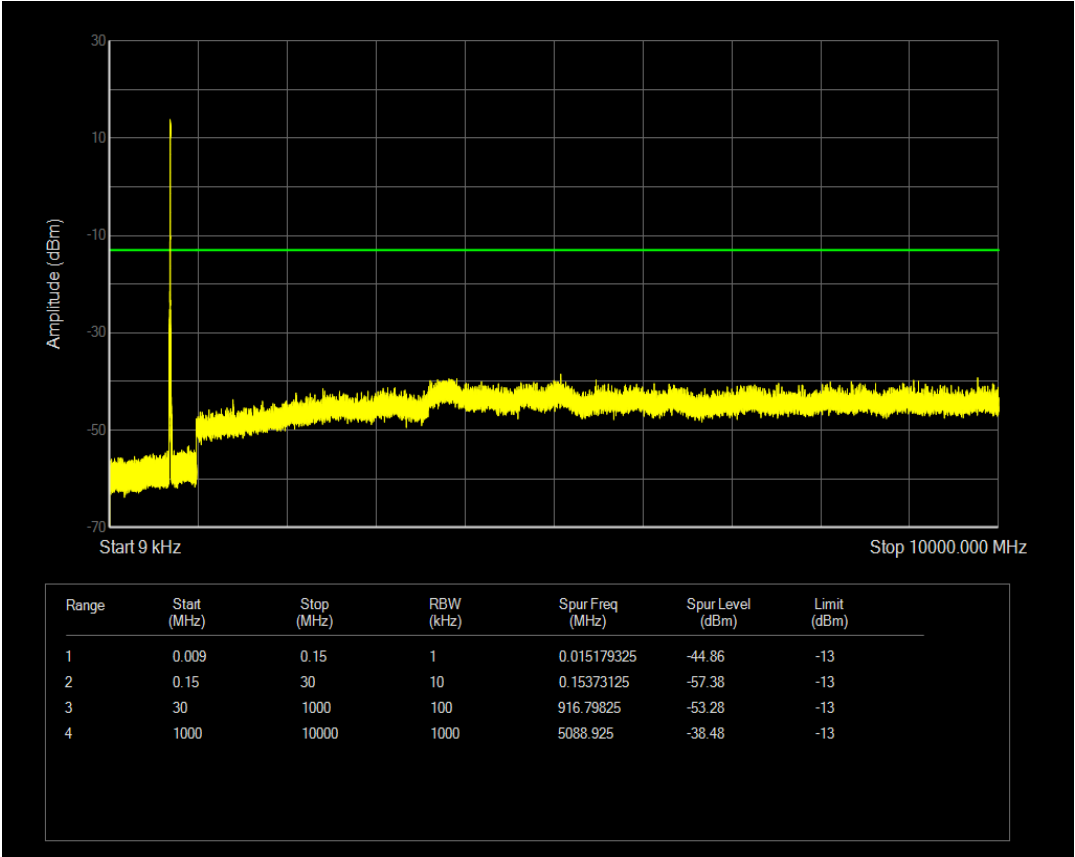
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



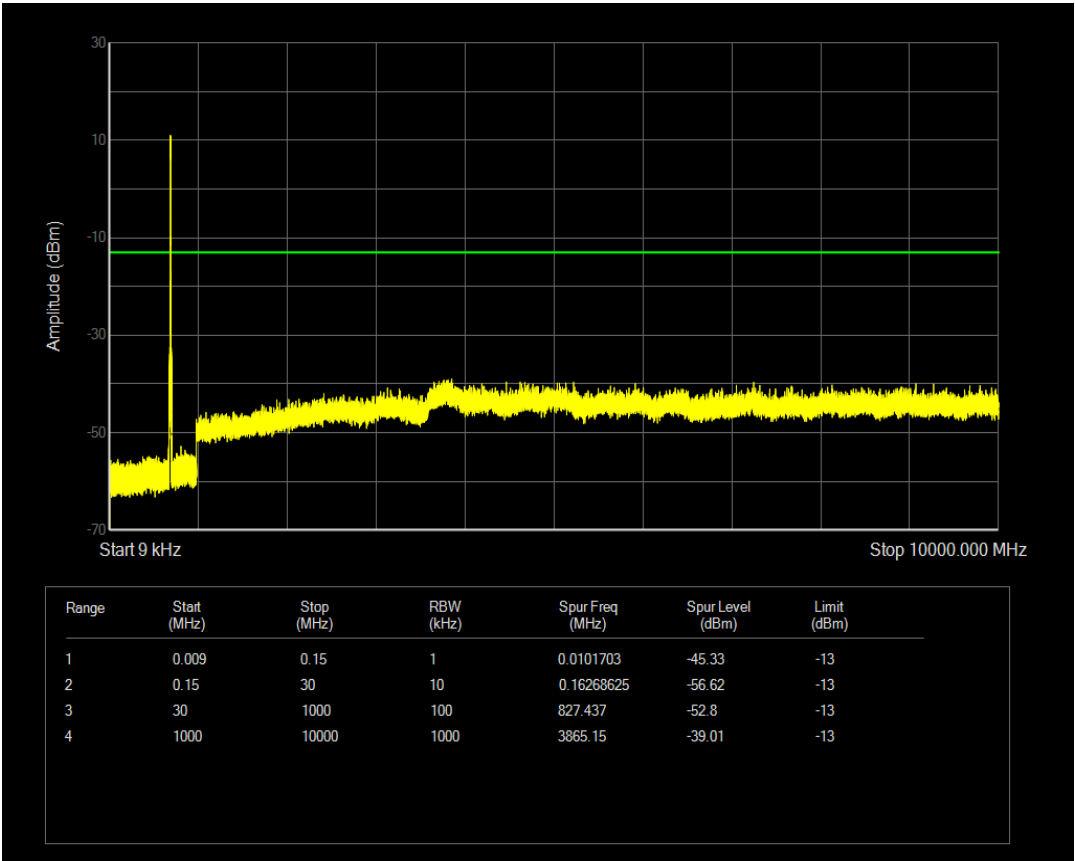
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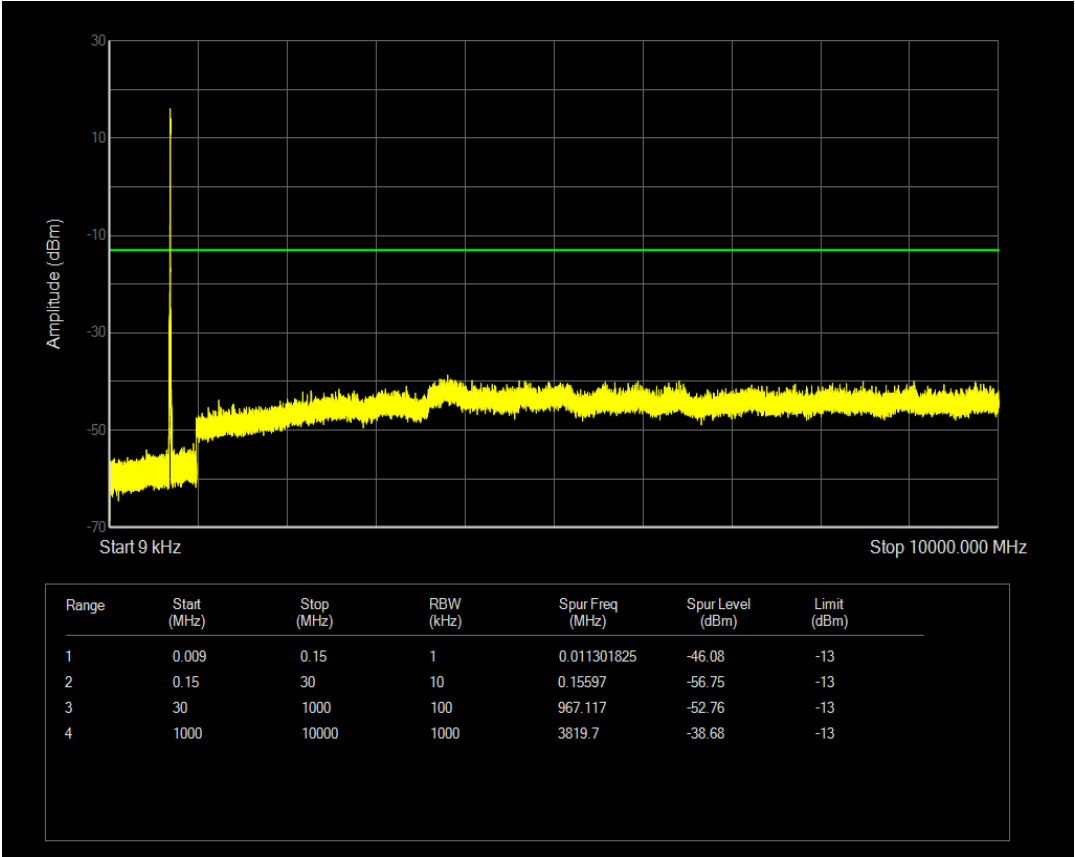
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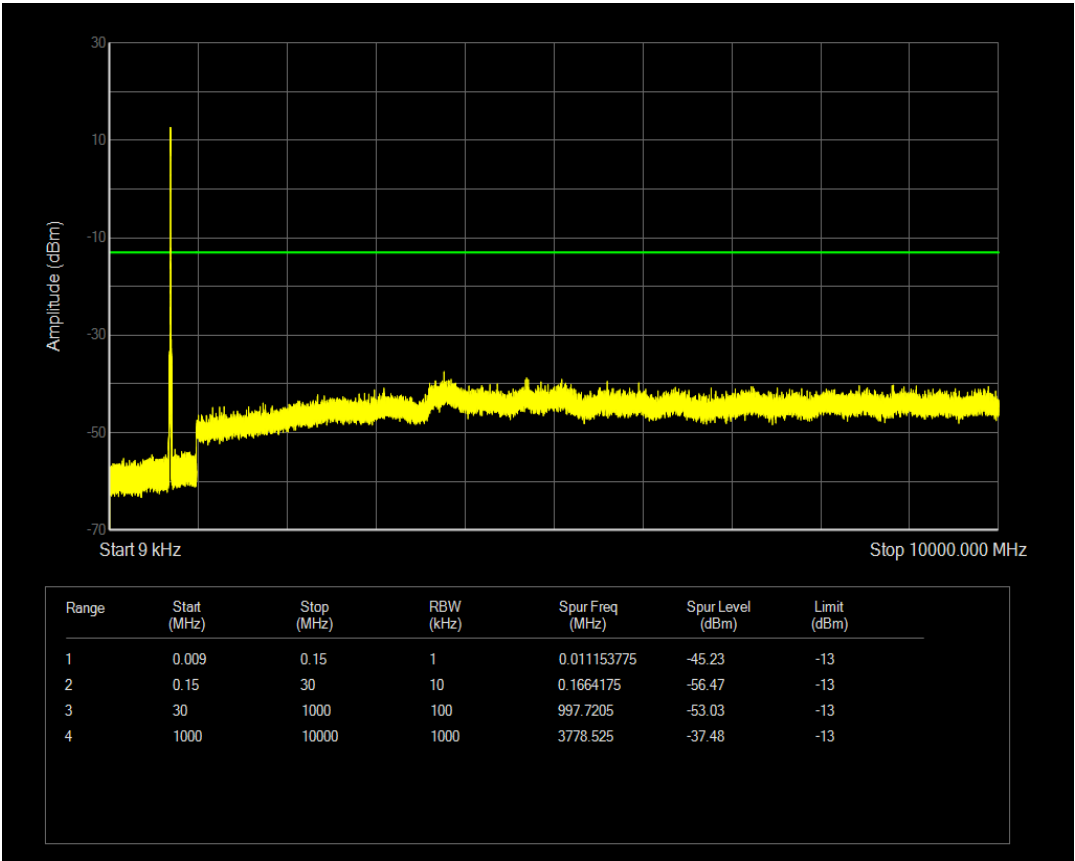
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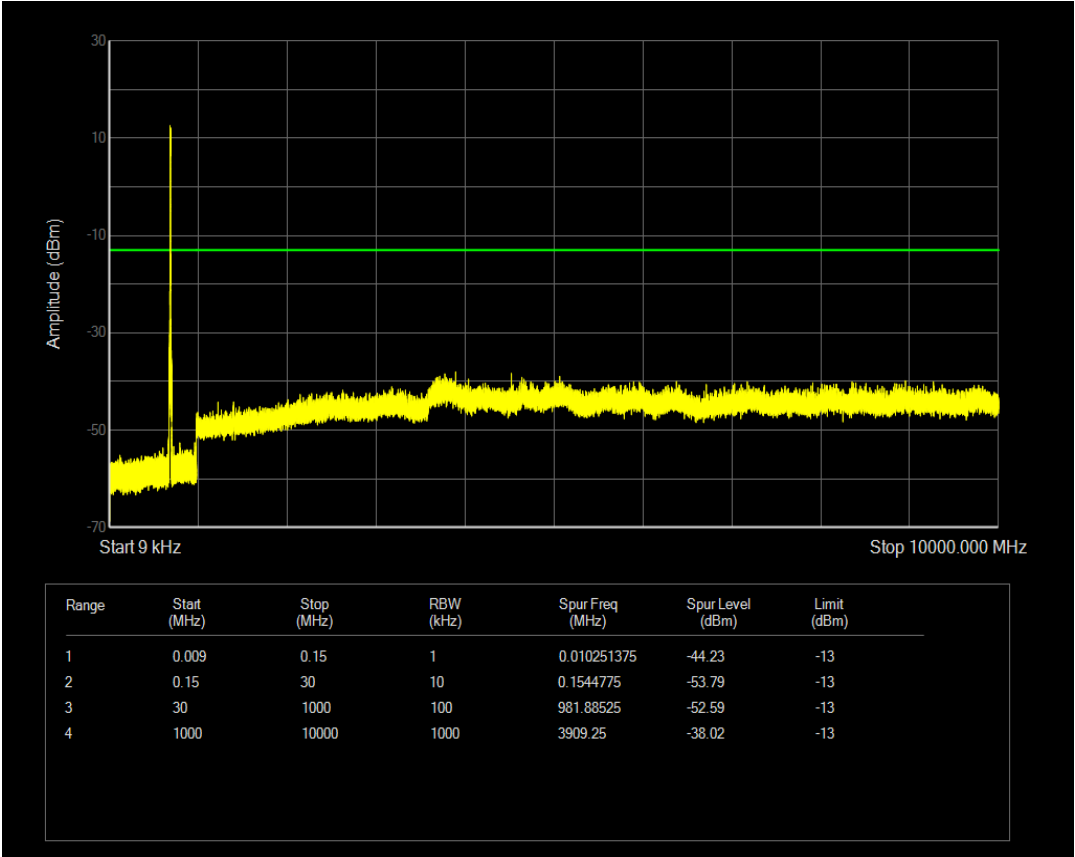
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Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



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



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

