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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	22.91	-6.31	-8.46	14.45	34.77	Pass
Band17	5	23755	1	#Mid	QPSK	22.93	-6.31	-8.46	14.47	34.77	Pass
Band17	5	23755	1	#Max	QPSK	23.05	-6.31	-8.46	14.59	34.77	Pass
Band17	5	23755	12	#0	QPSK	21.97	-6.31	-8.46	13.51	34.77	Pass
Band17	5	23755	12	#Mid	QPSK	21.96	-6.31	-8.46	13.50	34.77	Pass
Band17	5	23755	12	#Max	QPSK	22.00	-6.31	-8.46	13.54	34.77	Pass
Band17	5	23755	25	#0	QPSK	22.02	-6.31	-8.46	13.56	34.77	Pass
Band17	5	23755	1	#0	QAM16	22.27	-6.31	-8.46	13.81	34.77	Pass
Band17	5	23755	1	#Mid	QAM16	22.33	-6.31	-8.46	13.87	34.77	Pass
Band17	5	23755	1	#Max	QAM16	22.40	-6.31	-8.46	13.94	34.77	Pass
Band17	5	23755	12	#0	QAM16	21.04	-6.31	-8.46	12.58	34.77	Pass
Band17	5	23755	12	#Mid	QAM16	21.04	-6.31	-8.46	12.58	34.77	Pass
Band17	5	23755	12	#Max	QAM16	21.09	-6.31	-8.46	12.63	34.77	Pass
Band17	5	23755	25	#0	QAM16	20.97	-6.31	-8.46	12.51	34.77	Pass
Band17	5	23790	1	#0	QPSK	23.16	-6.31	-8.46	14.70	34.77	Pass
Band17	5	23790	1	#Mid	QPSK	23.22	-6.31	-8.46	14.76	34.77	Pass
Band17	5	23790	1	#Max	QPSK	23.23	-6.31	-8.46	14.77	34.77	Pass
Band17	5	23790	12	#0	QPSK	22.12	-6.31	-8.46	13.66	34.77	Pass
Band17	5	23790	12	#Mid	QPSK	22.10	-6.31	-8.46	13.64	34.77	Pass
Band17	5	23790	12	#Max	QPSK	22.07	-6.31	-8.46	13.61	34.77	Pass
Band17	5	23790	25	#0	QPSK	22.13	-6.31	-8.46	13.67	34.77	Pass
Band17	5	23790	1	#0	QAM16	22.56	-6.31	-8.46	14.10	34.77	Pass
Band17	5	23790	1	#Mid	QAM16	22.62	-6.31	-8.46	14.16	34.77	Pass
Band17	5	23790	1	#Max	QAM16	22.63	-6.31	-8.46	14.17	34.77	Pass
Band17	5	23790	12	#0	QAM16	21.10	-6.31	-8.46	12.64	34.77	Pass
Band17	5	23790	12	#Mid	QAM16	21.08	-6.31	-8.46	12.62	34.77	Pass
Band17	5	23790	12	#Max	QAM16	21.09	-6.31	-8.46	12.63	34.77	Pass
Band17	5	23790	25	#0	QAM16	21.07	-6.31	-8.46	12.61	34.77	Pass
Band17	5	23825	1	#0	QPSK	23.12	-6.31	-8.46	14.66	34.77	Pass
Band17	5	23825	1	#Mid	QPSK	23.13	-6.31	-8.46	14.67	34.77	Pass
Band17	5	23825	1	#Max	QPSK	23.19	-6.31	-8.46	14.73	34.77	Pass
Band17	5	23825	12	#0	QPSK	22.09	-6.31	-8.46	13.63	34.77	Pass
Band17	5	23825	12	#Mid	QPSK	22.08	-6.31	-8.46	13.62	34.77	Pass
Band17	5	23825	12	#Max	QPSK	22.09	-6.31	-8.46	13.63	34.77	Pass
Band17	5	23825	25	#0	QPSK	22.13	-6.31	-8.46	13.67	34.77	Pass
Band17	5	23825	1	#0	QAM16	22.57	-6.31	-8.46	14.11	34.77	Pass
Band17	5	23825	1	#Mid	QAM16	22.52	-6.31	-8.46	14.06	34.77	Pass

Band17	5	23825	1	#Max	QAM16	22.56	-6.31	-8.46	14.10	34.77	Pass
Band17	5	23825	12	#0	QAM16	21.04	-6.31	-8.46	12.58	34.77	Pass
Band17	5	23825	12	#Mid	QAM16	21.04	-6.31	-8.46	12.58	34.77	Pass
Band17	5	23825	12	#Max	QAM16	21.07	-6.31	-8.46	12.61	34.77	Pass
Band17	5	23825	25	#0	QAM16	21.13	-6.31	-8.46	12.67	34.77	Pass
Band17	10	23780	1	#0	QPSK	22.99	-6.31	-8.46	14.53	34.77	Pass
Band17	10	23780	1	#Mid	QPSK	23.11	-6.31	-8.46	14.65	34.77	Pass
Band17	10	23780	1	#Max	QPSK	23.10	-6.31	-8.46	14.64	34.77	Pass
Band17	10	23780	25	#0	QPSK	22.03	-6.31	-8.46	13.57	34.77	Pass
Band17	10	23780	25	#Mid	QPSK	22.09	-6.31	-8.46	13.63	34.77	Pass
Band17	10	23780	25	#Max	QPSK	22.11	-6.31	-8.46	13.65	34.77	Pass
Band17	10	23780	50	#0	QPSK	22.06	-6.31	-8.46	13.60	34.77	Pass
Band17	10	23780	1	#0	QAM16	22.43	-6.31	-8.46	13.97	34.77	Pass
Band17	10	23780	1	#Mid	QAM16	22.53	-6.31	-8.46	14.07	34.77	Pass
Band17	10	23780	1	#Max	QAM16	22.54	-6.31	-8.46	14.08	34.77	Pass
Band17	10	23780	25	#0	QAM16	21.03	-6.31	-8.46	12.57	34.77	Pass
Band17	10	23780	25	#Mid	QAM16	21.10	-6.31	-8.46	12.64	34.77	Pass
Band17	10	23780	25	#Max	QAM16	21.11	-6.31	-8.46	12.65	34.77	Pass
Band17	10	23780	50	#0	QAM16	21.05	-6.31	-8.46	12.59	34.77	Pass
Band17	10	23790	1	#0	QPSK	23.01	-6.31	-8.46	14.55	34.77	Pass
Band17	10	23790	1	#Mid	QPSK	23.04	-6.31	-8.46	14.58	34.77	Pass
Band17	10	23790	1	#Max	QPSK	23.11	-6.31	-8.46	14.65	34.77	Pass
Band17	10	23790	25	#0	QPSK	22.06	-6.31	-8.46	13.60	34.77	Pass
Band17	10	23790	25	#Mid	QPSK	22.12	-6.31	-8.46	13.66	34.77	Pass
Band17	10	23790	25	#Max	QPSK	22.09	-6.31	-8.46	13.63	34.77	Pass
Band17	10	23790	50	#0	QPSK	22.11	-6.31	-8.46	13.65	34.77	Pass
Band17	10	23790	1	#0	QAM16	22.22	-6.31	-8.46	13.76	34.77	Pass
Band17	10	23790	1	#Mid	QAM16	22.27	-6.31	-8.46	13.81	34.77	Pass
Band17	10	23790	1	#Max	QAM16	22.31	-6.31	-8.46	13.85	34.77	Pass
Band17	10	23790	25	#0	QAM16	21.06	-6.31	-8.46	12.60	34.77	Pass
Band17	10	23790	25	#Mid	QAM16	21.11	-6.31	-8.46	12.65	34.77	Pass
Band17	10	23790	25	#Max	QAM16	21.06	-6.31	-8.46	12.60	34.77	Pass
Band17	10	23790	50	#0	QAM16	21.14	-6.31	-8.46	12.68	34.77	Pass
Band17	10	23800	1	#0	QPSK	23.11	-6.31	-8.46	14.65	34.77	Pass
Band17	10	23800	1	#Mid	QPSK	23.17	-6.31	-8.46	14.71	34.77	Pass
Band17	10	23800	1	#Max	QPSK	23.22	-6.31	-8.46	14.76	34.77	Pass
Band17	10	23800	25	#0	QPSK	22.09	-6.31	-8.46	13.63	34.77	Pass
Band17	10	23800	25	#Mid	QPSK	22.11	-6.31	-8.46	13.65	34.77	Pass
Band17	10	23800	25	#Max	QPSK	22.14	-6.31	-8.46	13.68	34.77	Pass
Band17	10	23800	50	#0	QPSK	22.11	-6.31	-8.46	13.65	34.77	Pass
Band17	10	23800	1	#0	QAM16	22.00	-6.31	-8.46	13.54	34.77	Pass
Band17	10	23800	1	#Mid	QAM16	22.05	-6.31	-8.46	13.59	34.77	Pass
Band17	10	23800	1	#Max	QAM16	22.16	-6.31	-8.46	13.70	34.77	Pass
Band17	10	23800	25	#0	QAM16	21.08	-6.31	-8.46	12.62	34.77	Pass

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Band17	10	23800	25	#Mid	QAM16	21.11	-6.31	-8.46	12.65	34.77	Pass
Band17	10	23800	25	#Max	QAM16	21.13	-6.31	-8.46	12.67	34.77	Pass
Band17	10	23800	50	#0	QAM16	21.11	-6.31	-8.46	12.65	34.77	Pass

2 Frequency stability

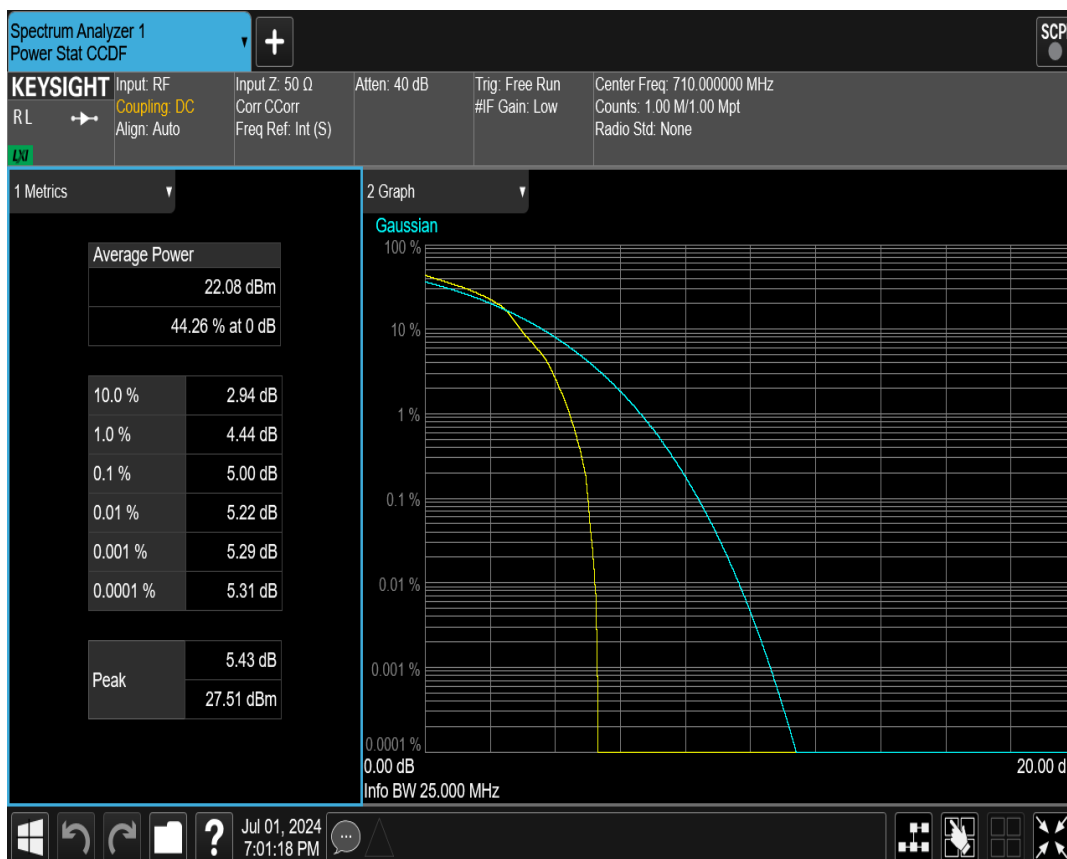
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band17	10	23780	50	#0	QPSK	-1.90	-0.003	-2.5	2.5	PASS
Band17	10	23780	50	#0	QAM16	-1.43	-0.002	-2.5	2.5	PASS
Band17	10	23790	50	#0	QPSK	-1.41	-0.002	-2.5	2.5	PASS
Band17	10	23790	50	#0	QAM16	-1.97	-0.003	-2.5	2.5	PASS
Band17	10	23800	50	#0	QPSK	-3.34	-0.005	-2.5	2.5	PASS
Band17	10	23800	50	#0	QAM16	-2.53	-0.004	-2.5	2.5	PASS

Note: (Voltage: 3.78V, Temperature: 25°C) only reflect the worst mode.

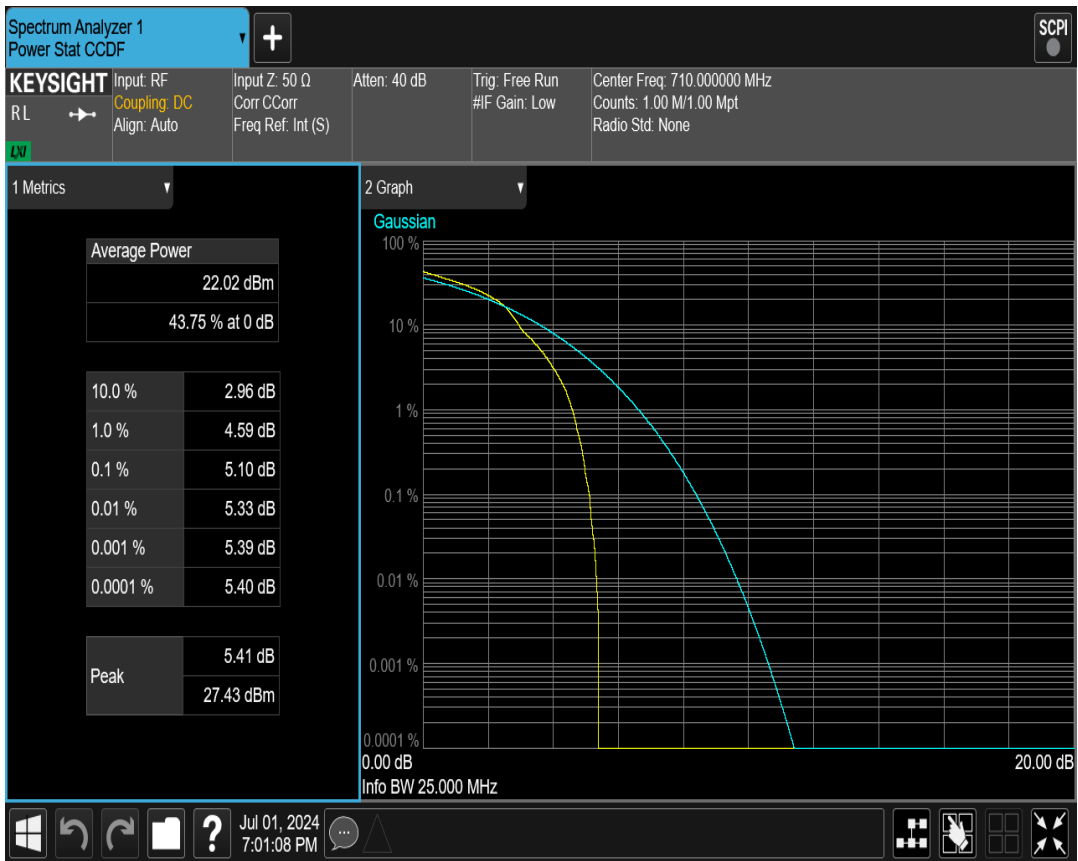
3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band17	5	23790	1	#0	QPSK	4.35	13	PASS
Band17	5	23790	1	#0	QAM16	5.10	13	PASS
Band17	10	23790	1	#0	QPSK	4.16	13	PASS
Band17	10	23790	1	#0	QAM16	5.00	13	PASS

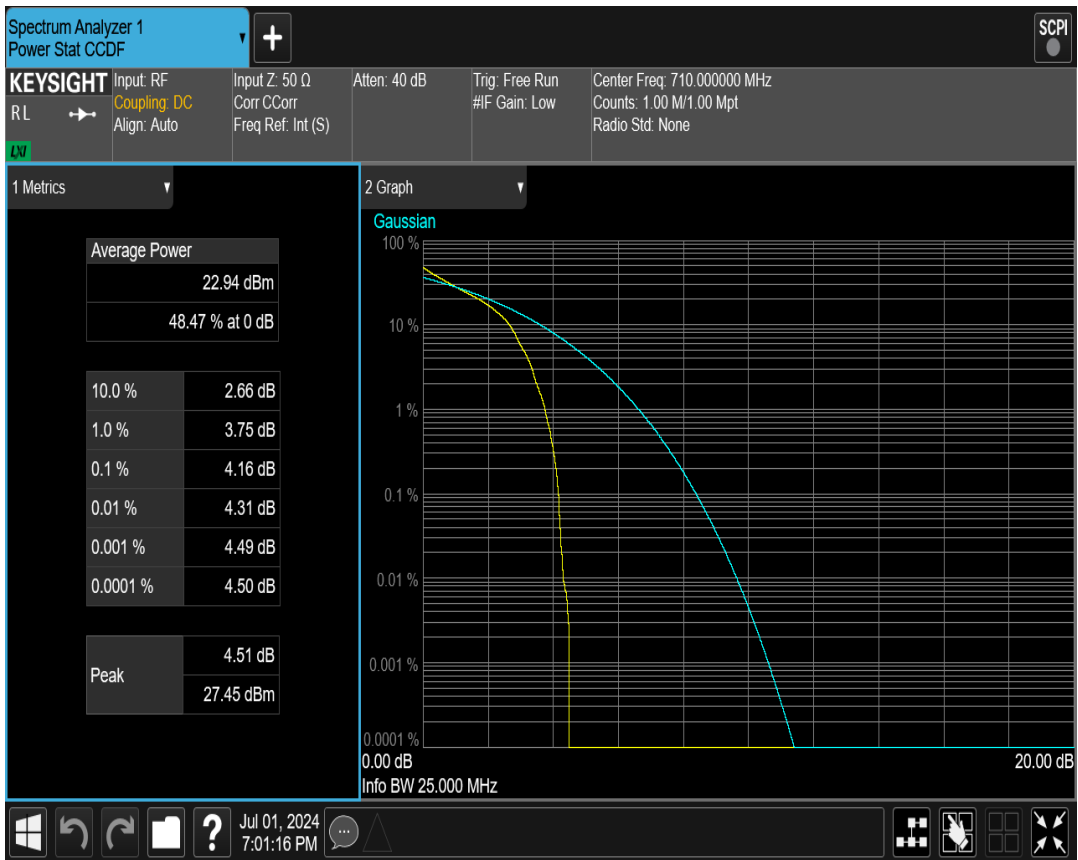
Band17 QAM16 BW=10MHz Channel=23790 RB Size=1 Position=#0



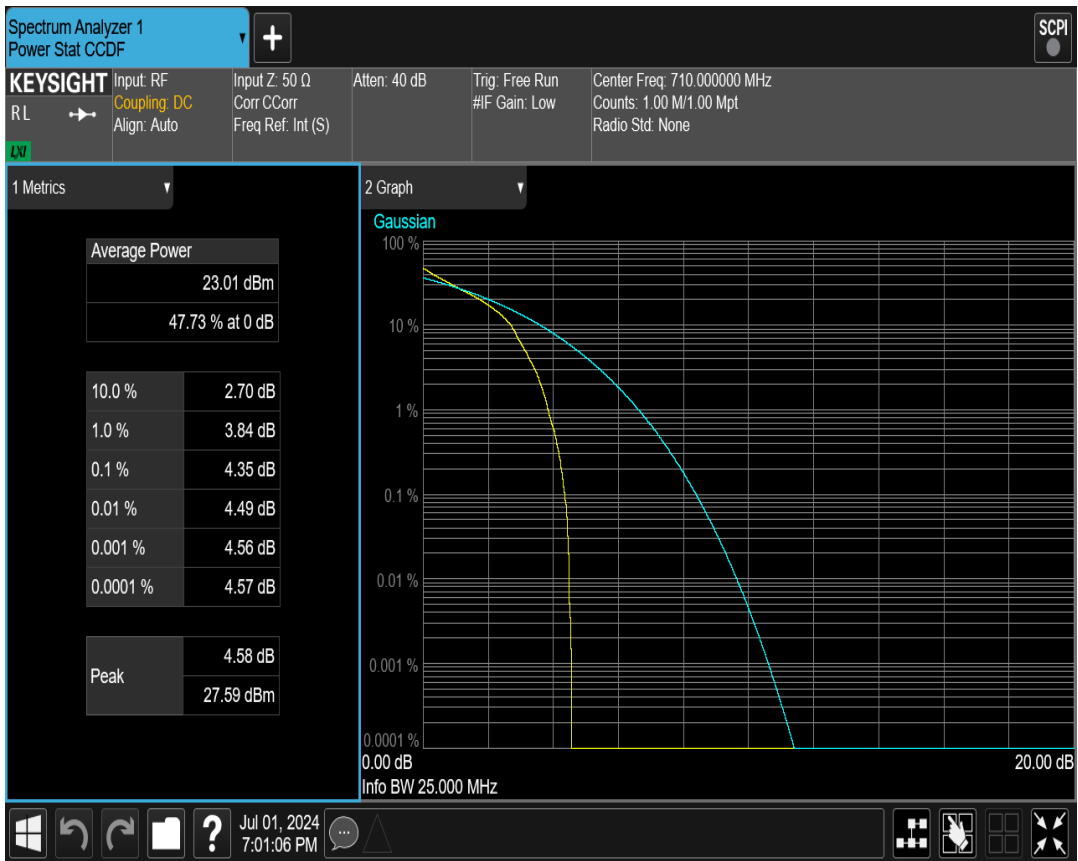
Band17 QAM16 BW=5MHz Channel=23790 RB Size=1 Position=#0



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



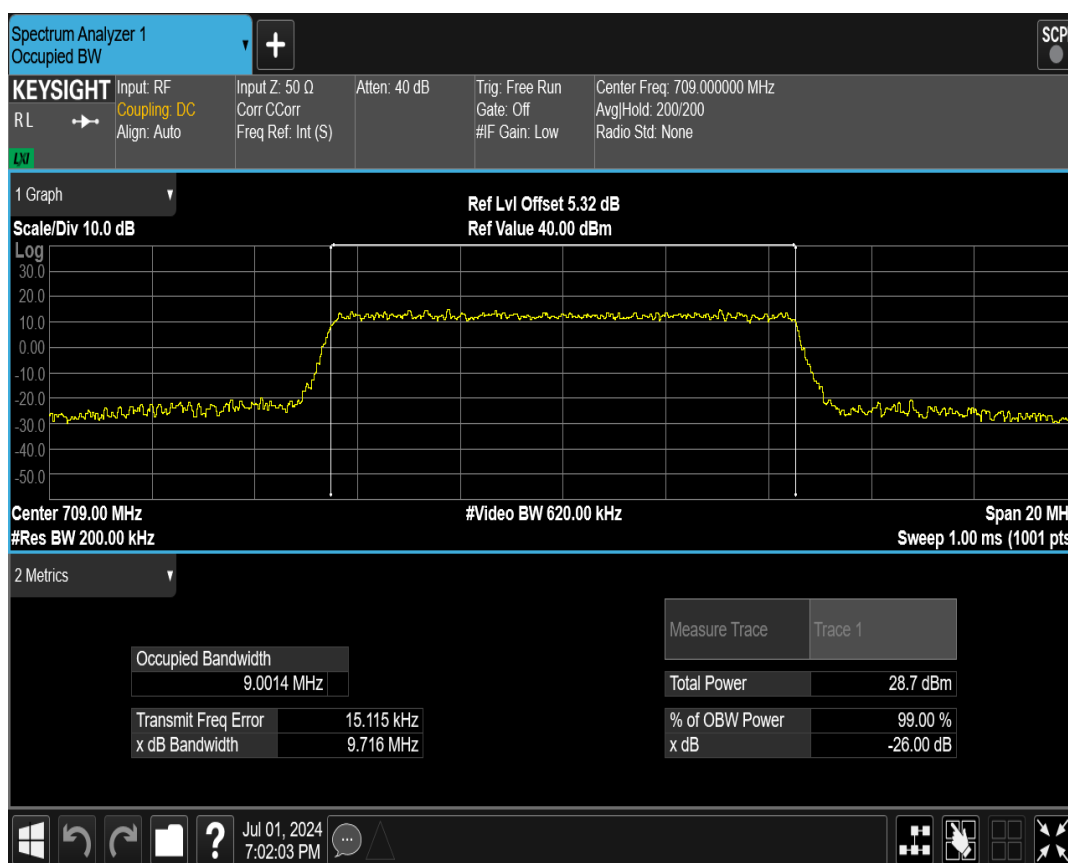
Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0



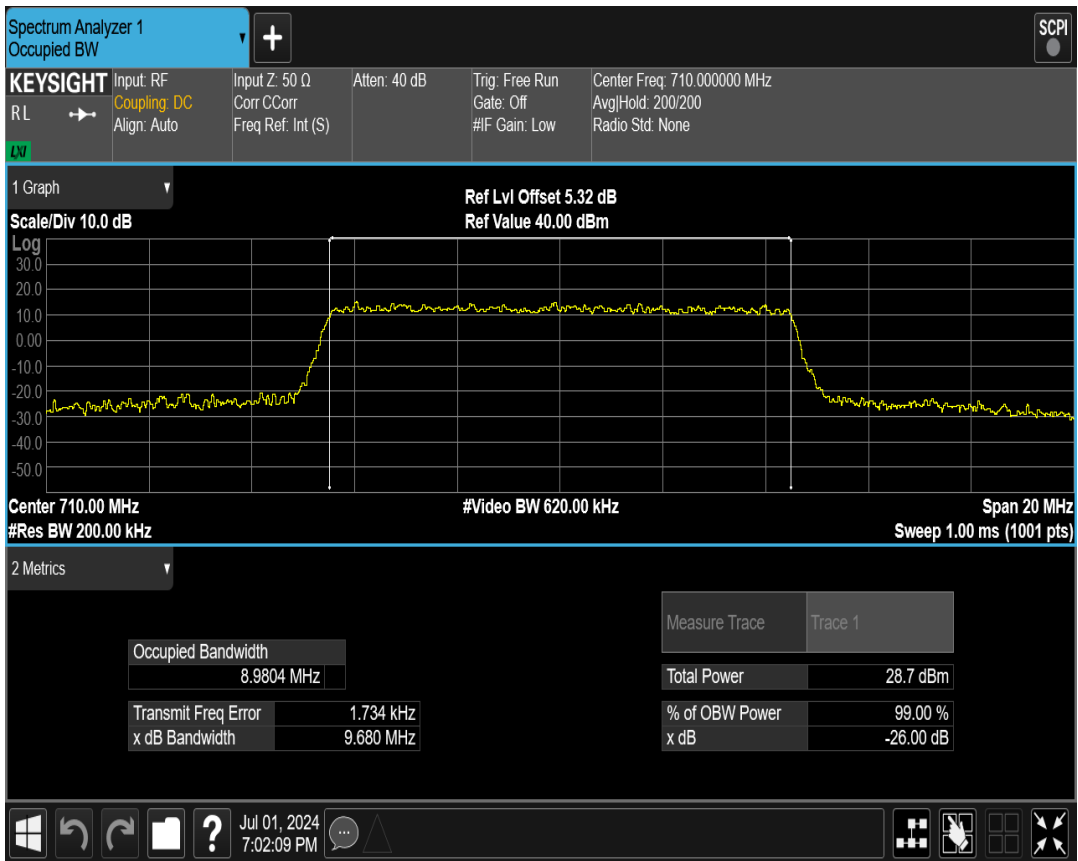
4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band17	5	23755	25	#0	QPSK	4.508	4.916	PASS
Band17	5	23755	25	#0	QAM16	4.514	4.954	PASS
Band17	5	23790	25	#0	QPSK	4.514	4.866	PASS
Band17	5	23790	25	#0	QAM16	4.517	4.971	PASS
Band17	5	23825	25	#0	QPSK	4.513	4.905	PASS
Band17	5	23825	25	#0	QAM16	4.507	4.932	PASS
Band17	10	23780	50	#0	QPSK	8.996	9.782	PASS
Band17	10	23780	50	#0	QAM16	9.001	9.716	PASS
Band17	10	23790	50	#0	QPSK	8.994	9.779	PASS
Band17	10	23790	50	#0	QAM16	8.980	9.680	PASS
Band17	10	23800	50	#0	QPSK	8.984	9.772	PASS
Band17	10	23800	50	#0	QAM16	8.971	9.773	PASS

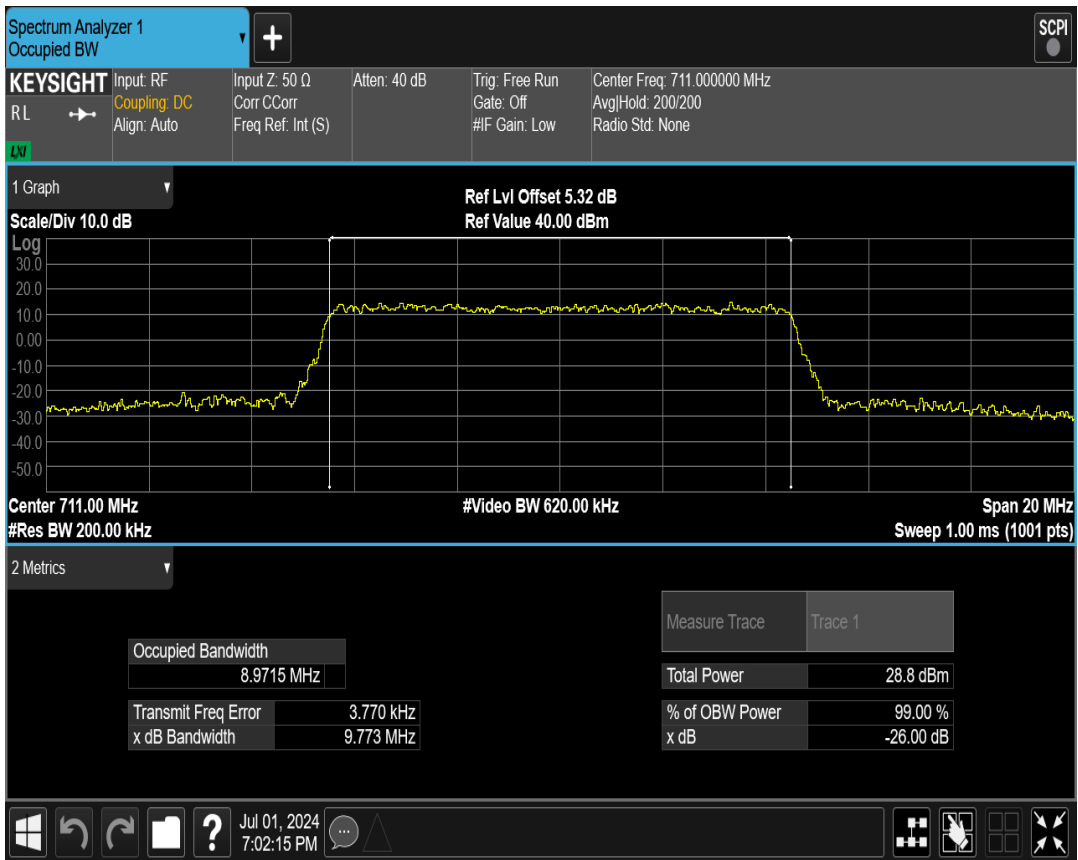
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



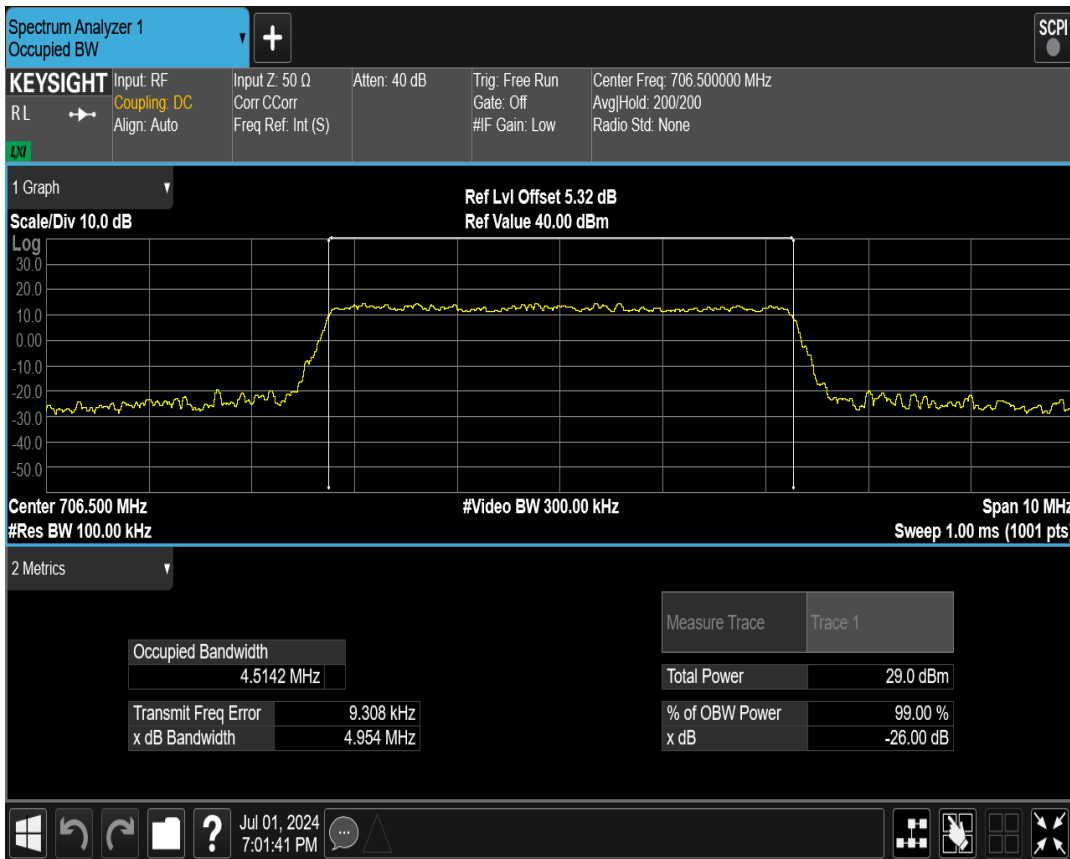
Band17 QAM16 BW=10MHz Channel=23790 RB Size=50 Position=#0



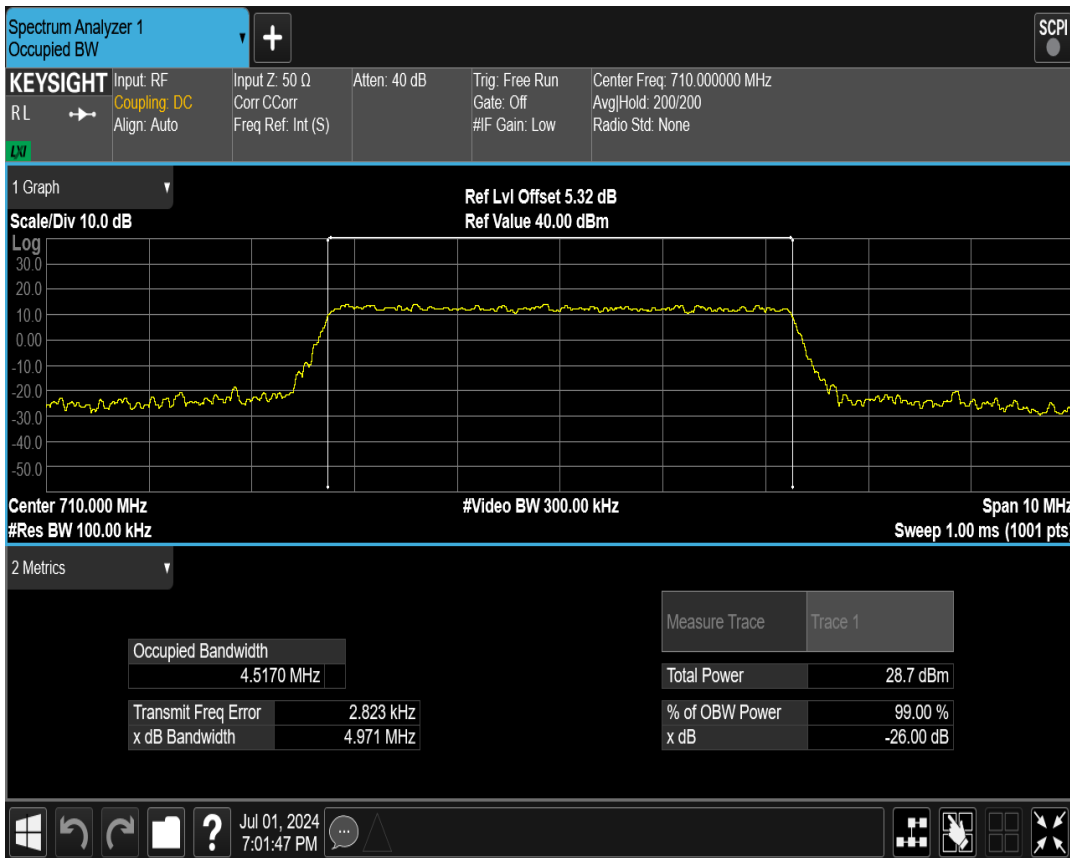
Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0



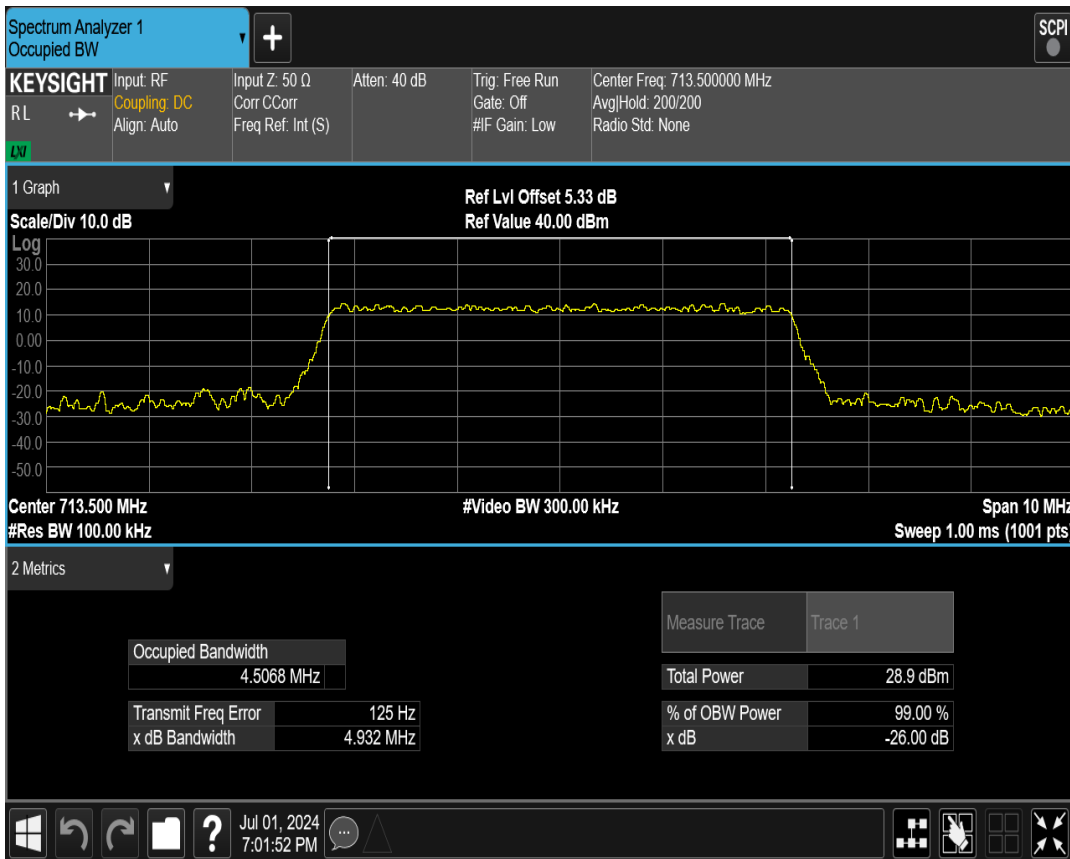
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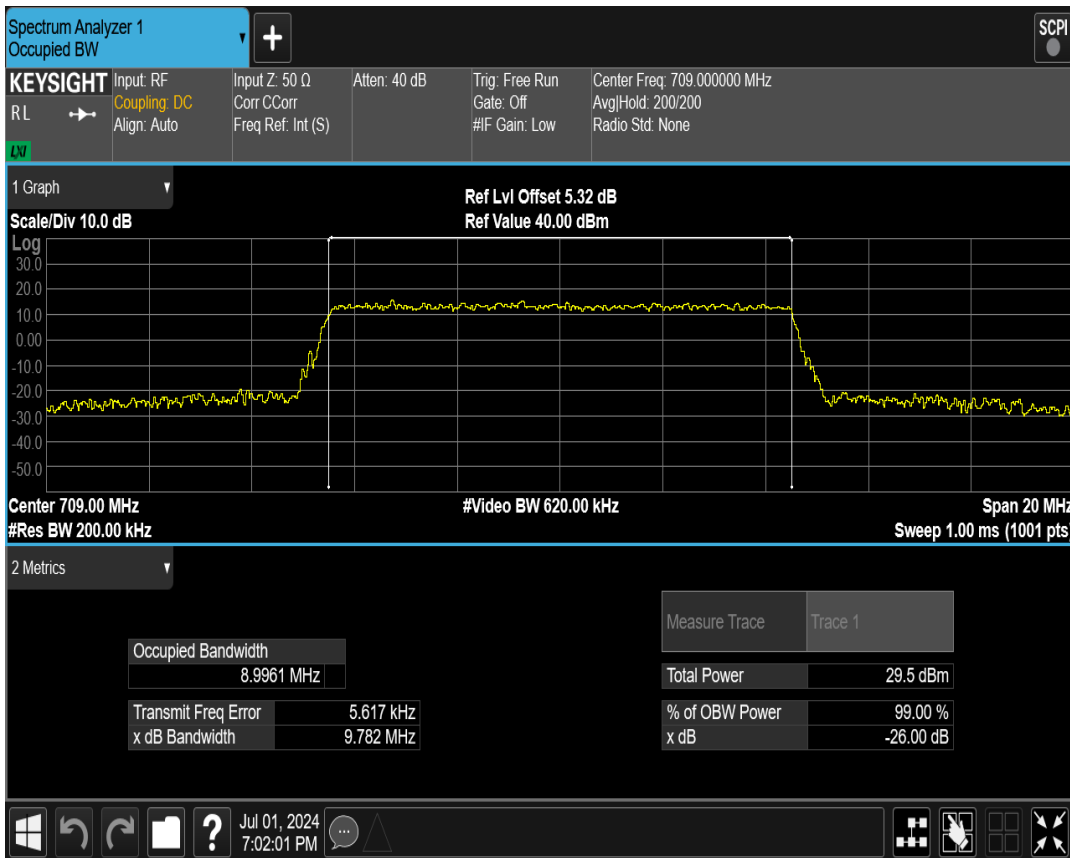
Band17 QAM16 BW=5MHz Channel=23790 RB Size=25 Position=#0



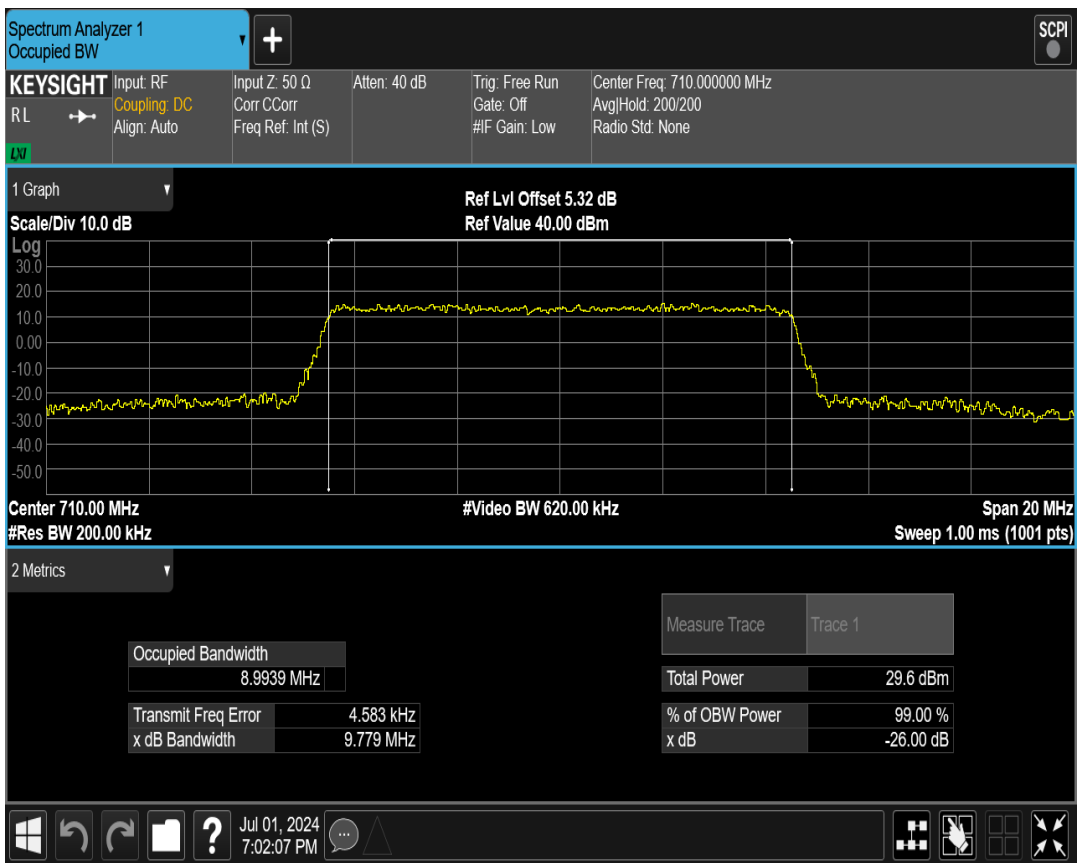
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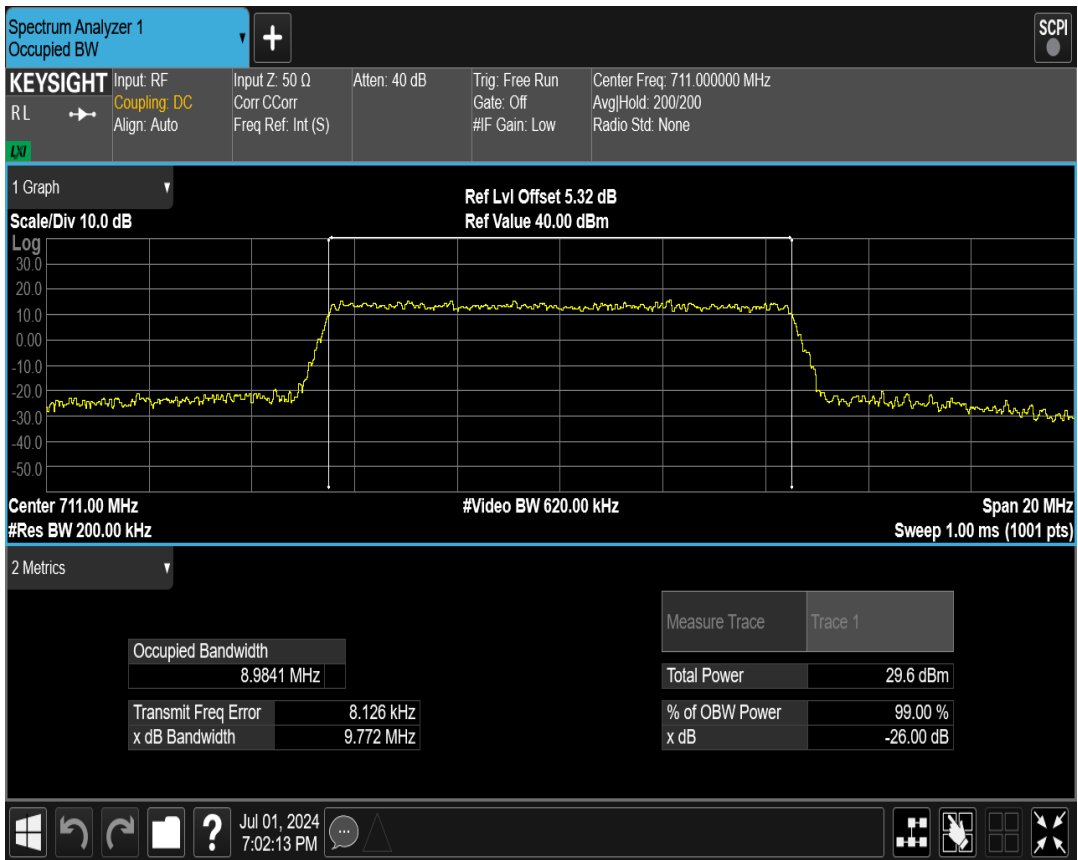
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



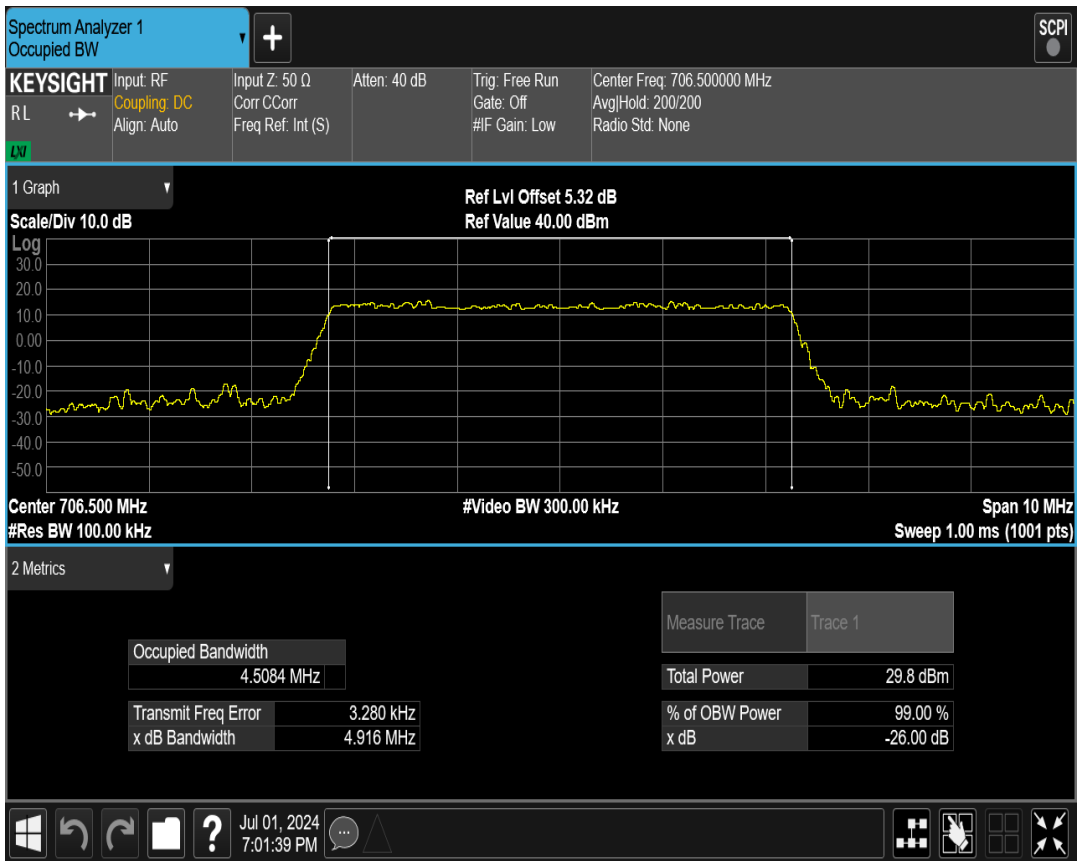
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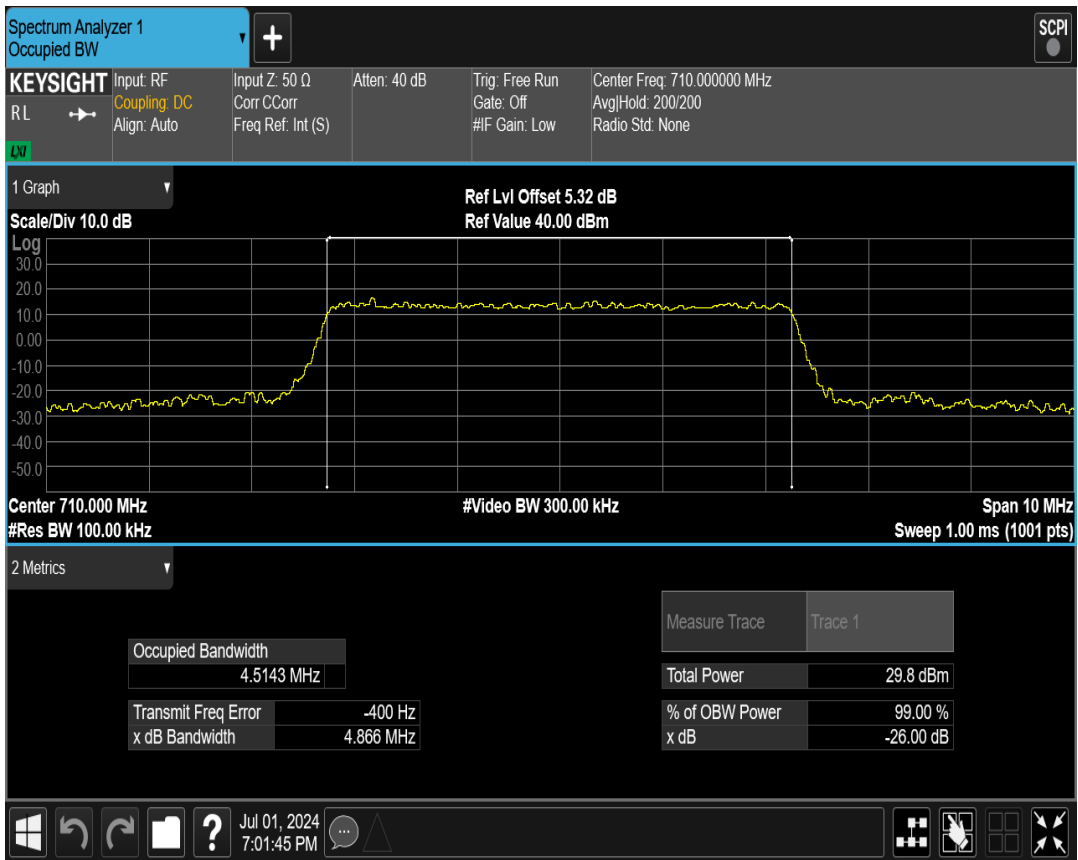
Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



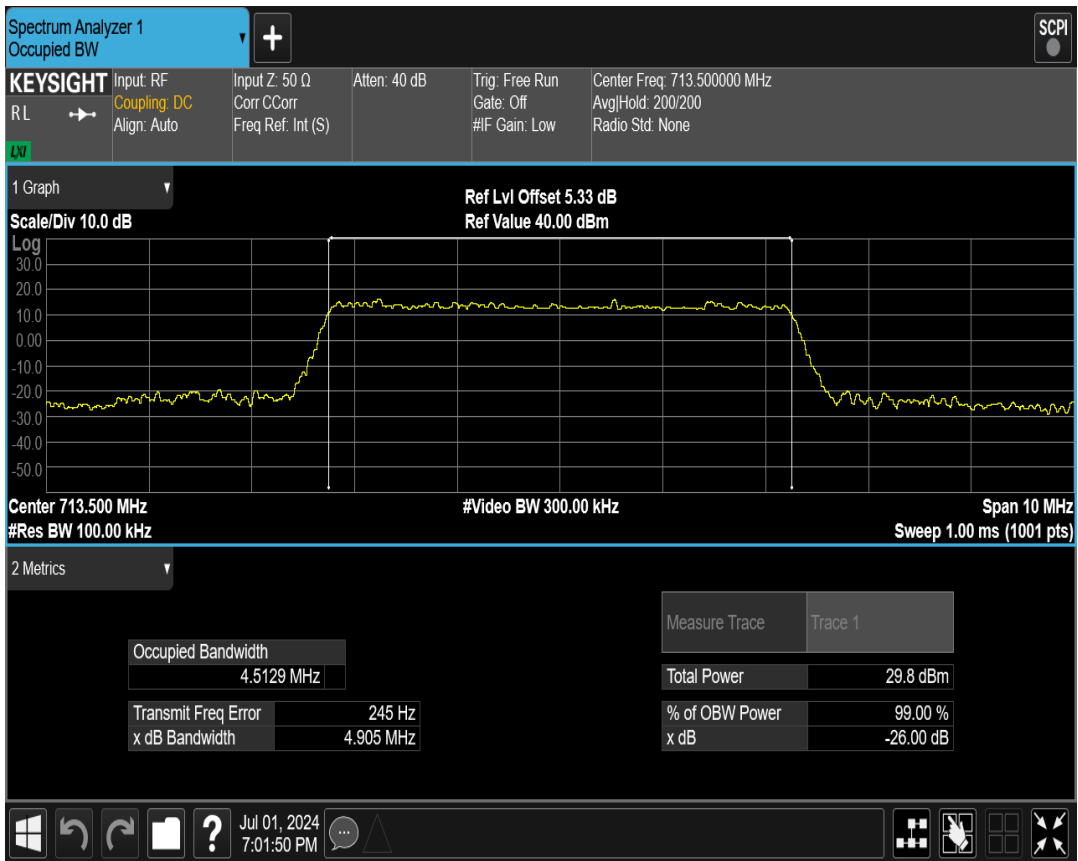
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



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



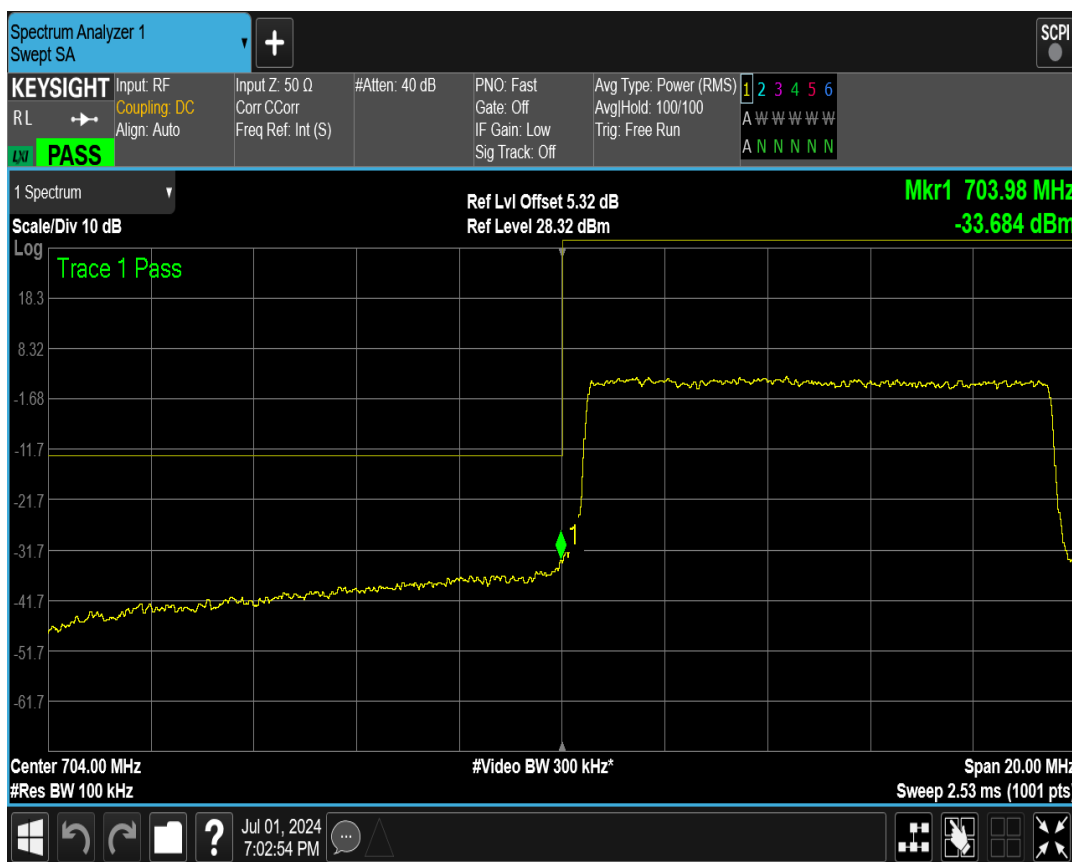
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



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	703.99	-31.54	-13	PASS
Band17	5	23755	25	#0	QAM16	704.00	-32.08	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-31.59	-13	PASS
Band17	5	23825	25	#0	QAM16	716.00	-30.33	-13	PASS
Band17	10	23780	50	#0	QPSK	704.00	-32.70	-13	PASS
Band17	10	23780	50	#0	QAM16	703.98	-33.68	-13	PASS
Band17	10	23800	50	#0	QPSK	716.00	-34.01	-13	PASS
Band17	10	23800	50	#0	QAM16	716.08	-34.97	-13	PASS

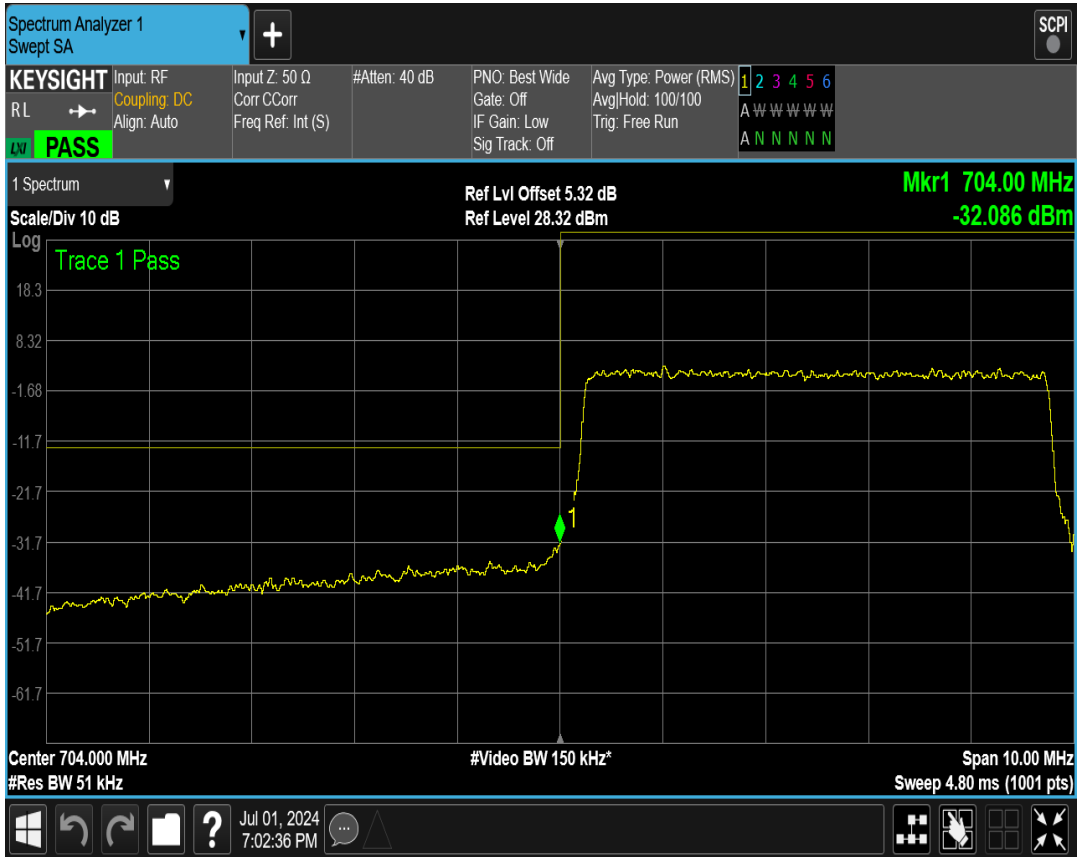
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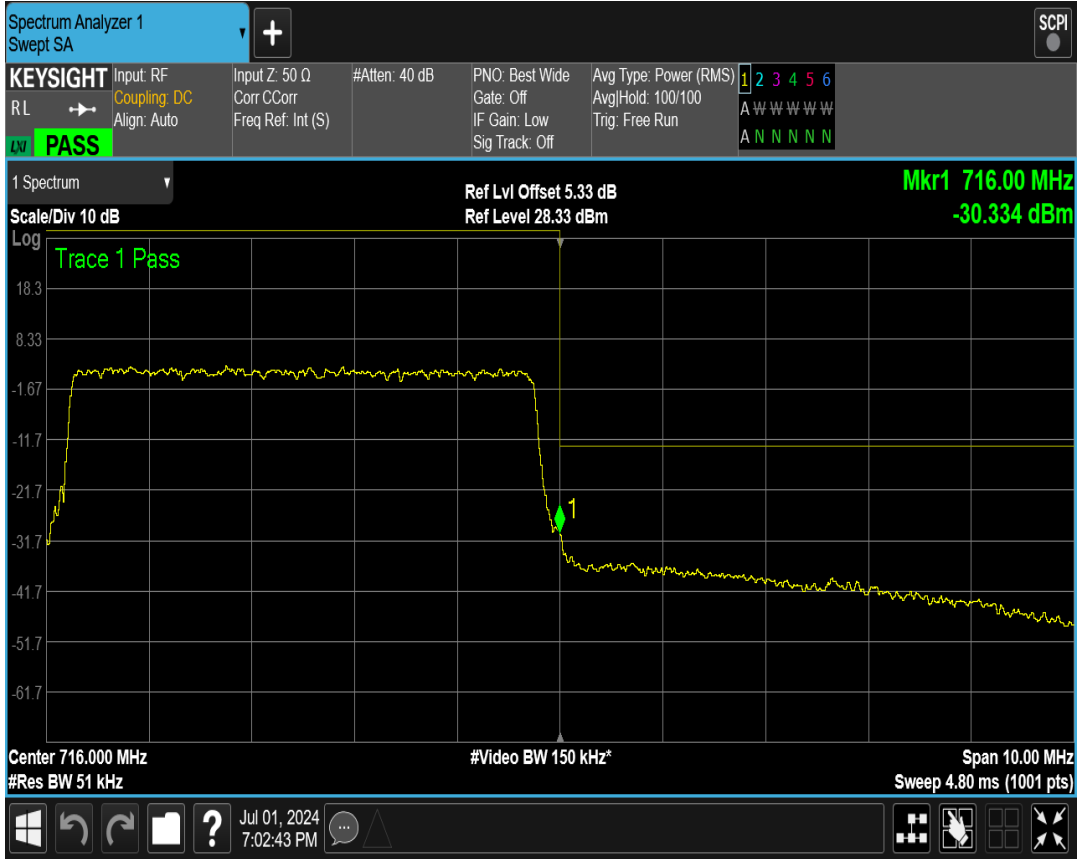
Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0



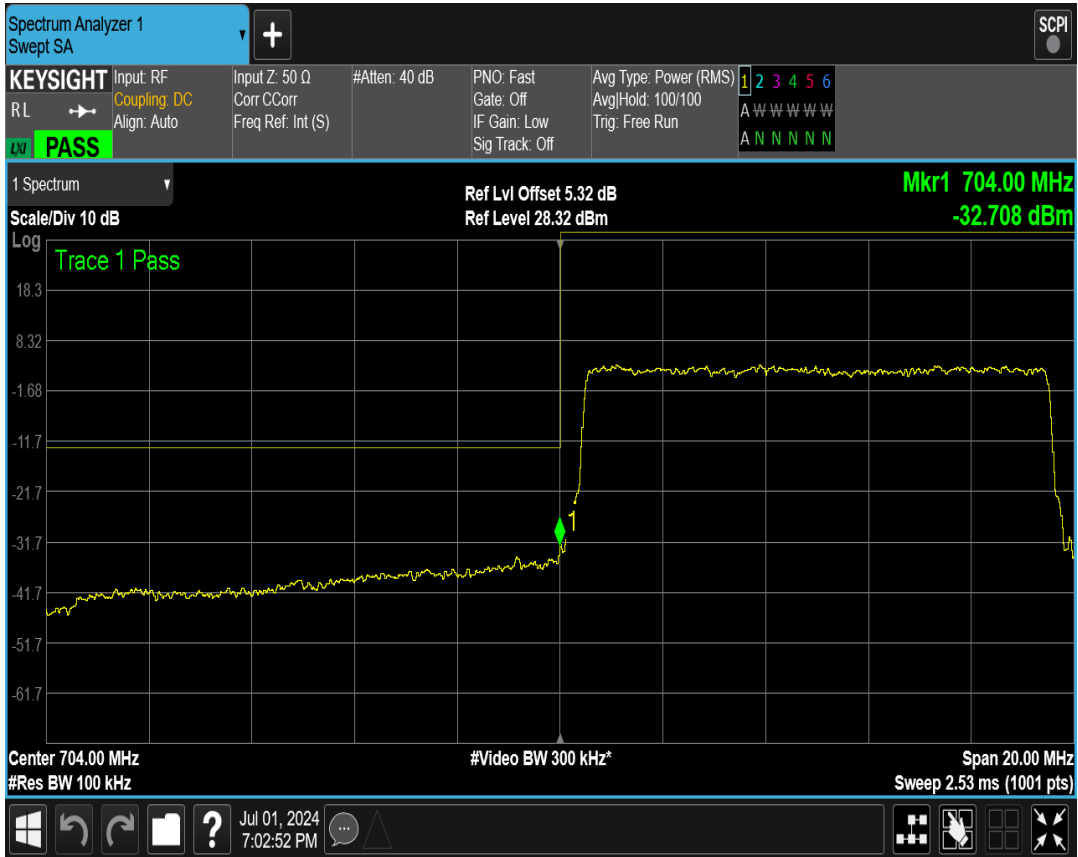
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Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0



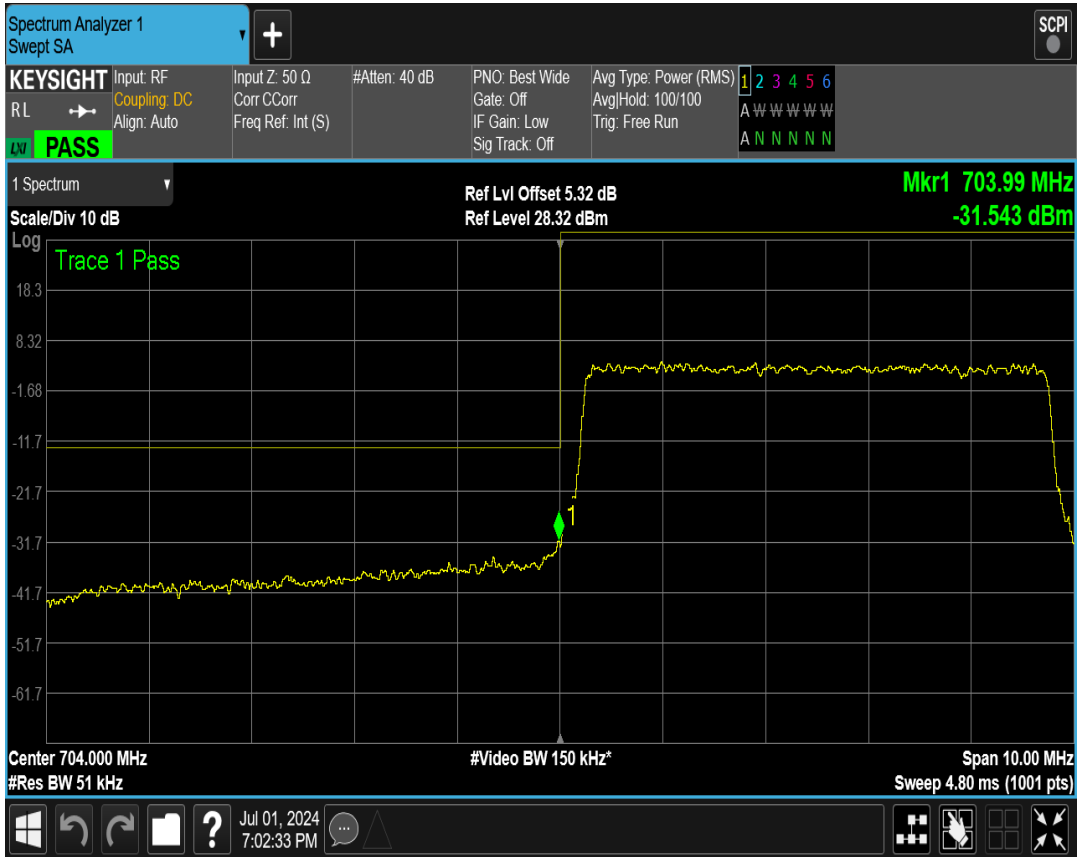
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Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



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



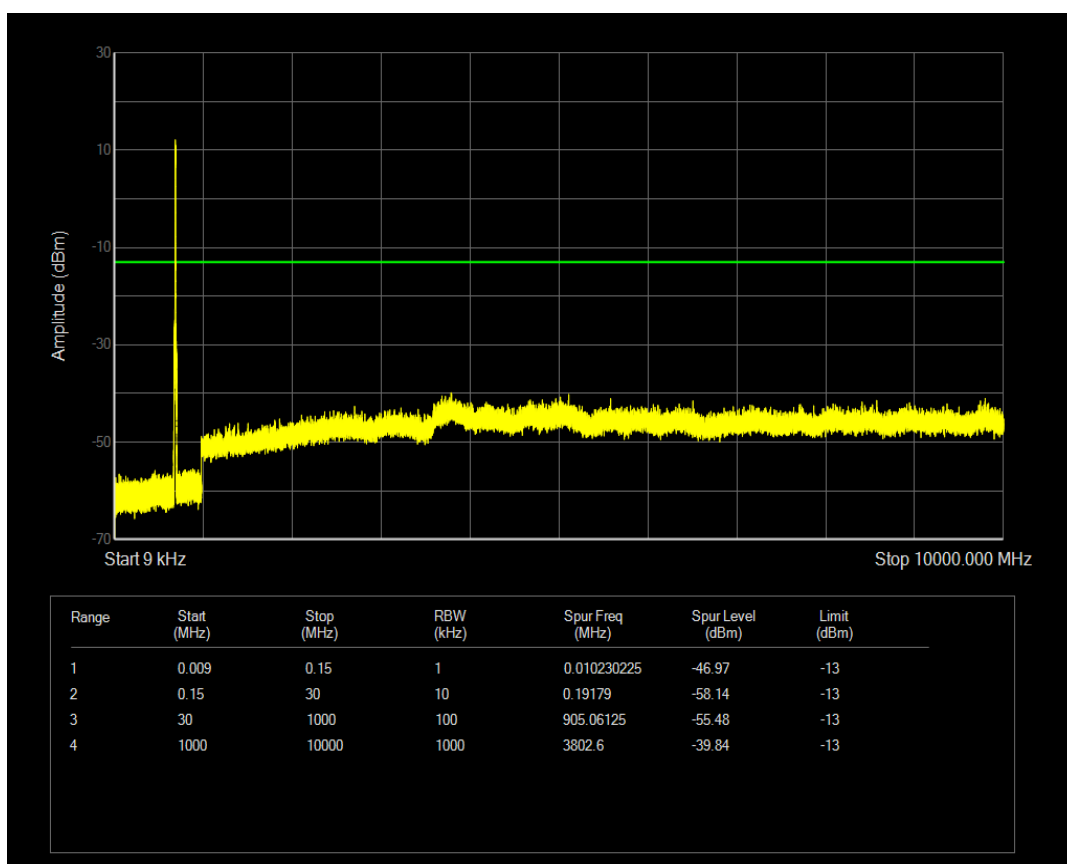
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



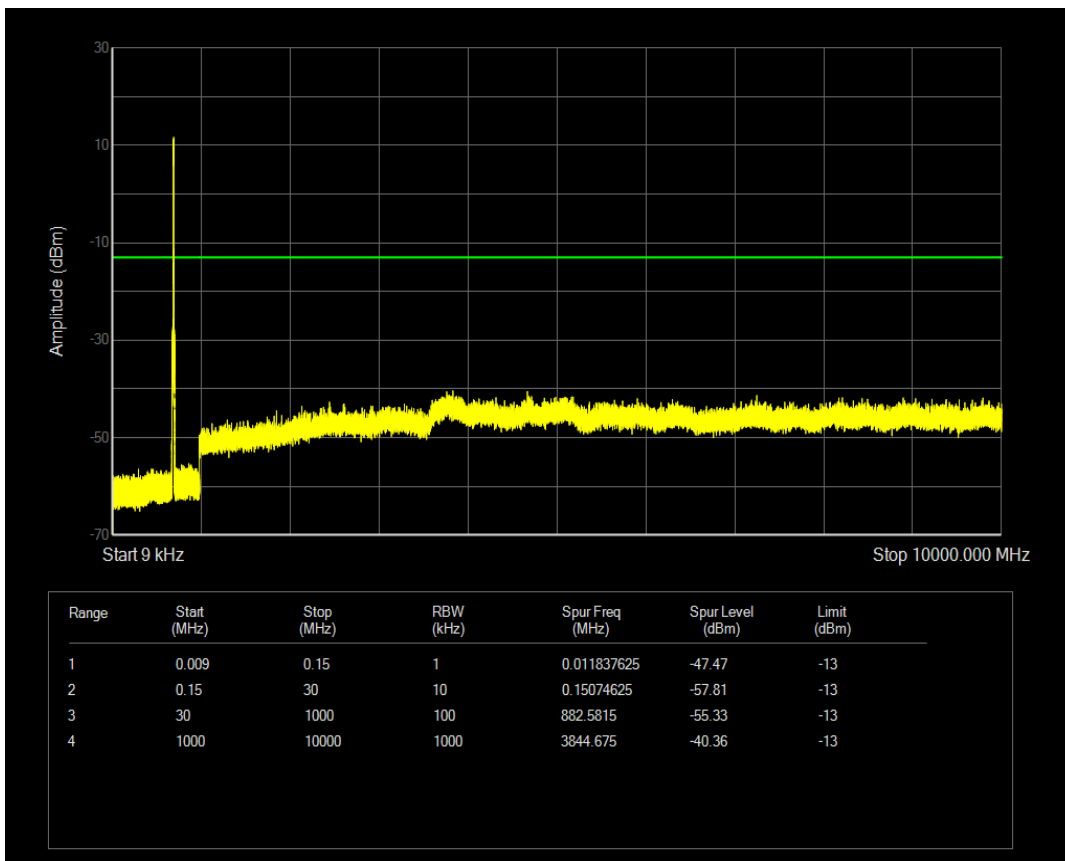
6 Out-of-band emissions

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	2461.15	-39.33	-13	PASS
Band17	5	23755	25	#0	QAM16	2460.70	-39.34	-13	PASS
Band17	5	23825	25	#0	QPSK	3754.45	-40.07	-13	PASS
Band17	5	23825	25	#0	QAM16	2461.15	-39.33	-13	PASS
Band17	10	23780	50	#0	QPSK	3723.40	-39.62	-13	PASS
Band17	10	23780	50	#0	QAM16	3802.60	-39.84	-13	PASS
Band17	10	23800	50	#0	QPSK	3771.78	-39.98	-13	PASS
Band17	10	23800	50	#0	QAM16	3844.68	-40.36	-13	PASS

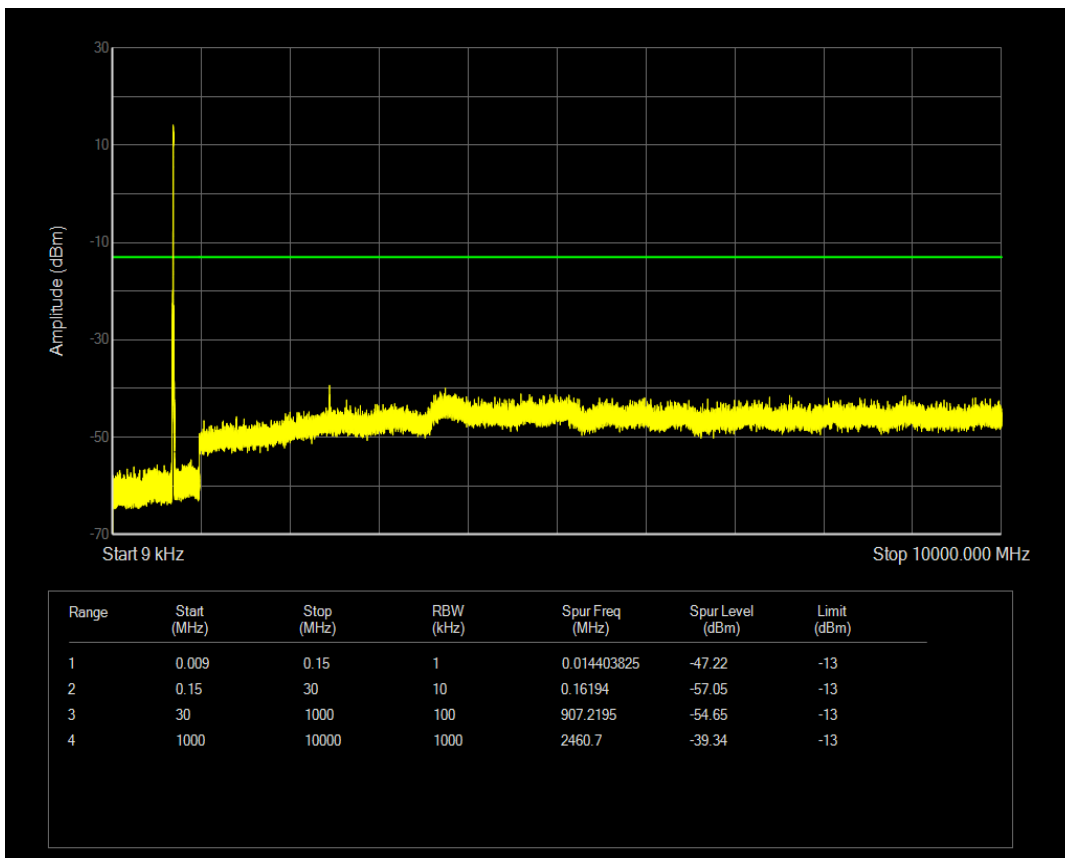
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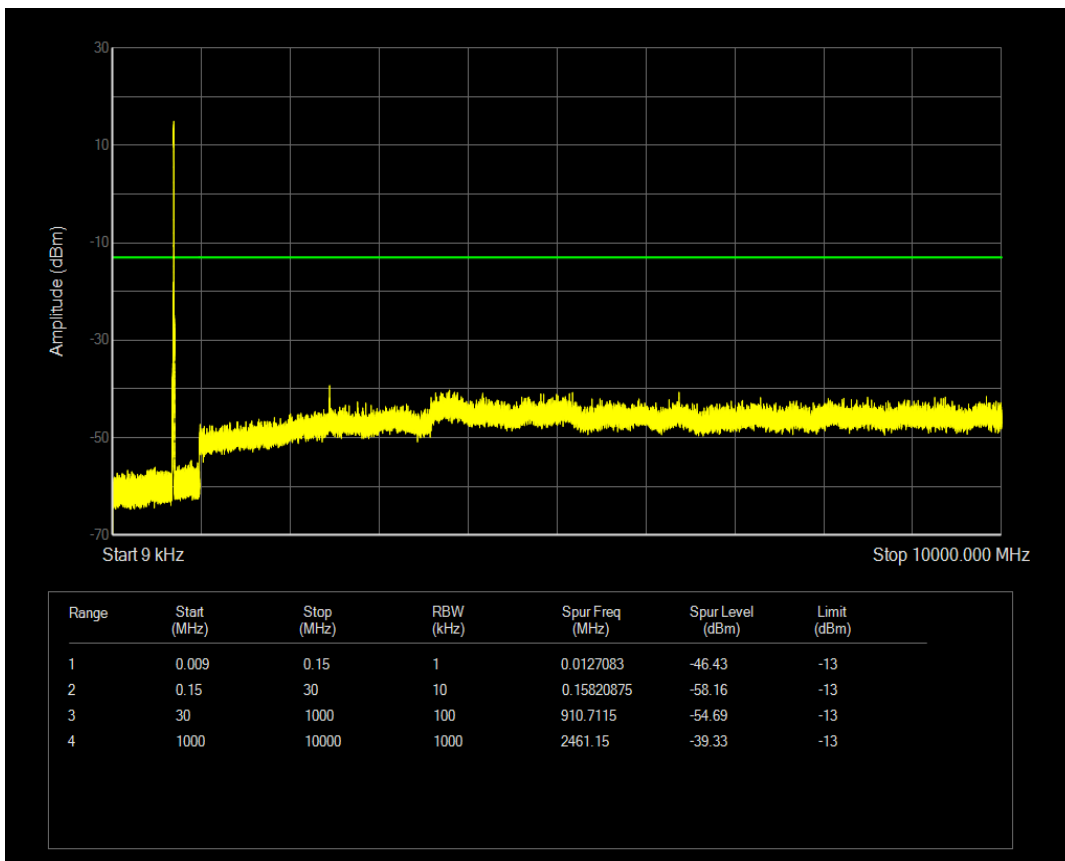
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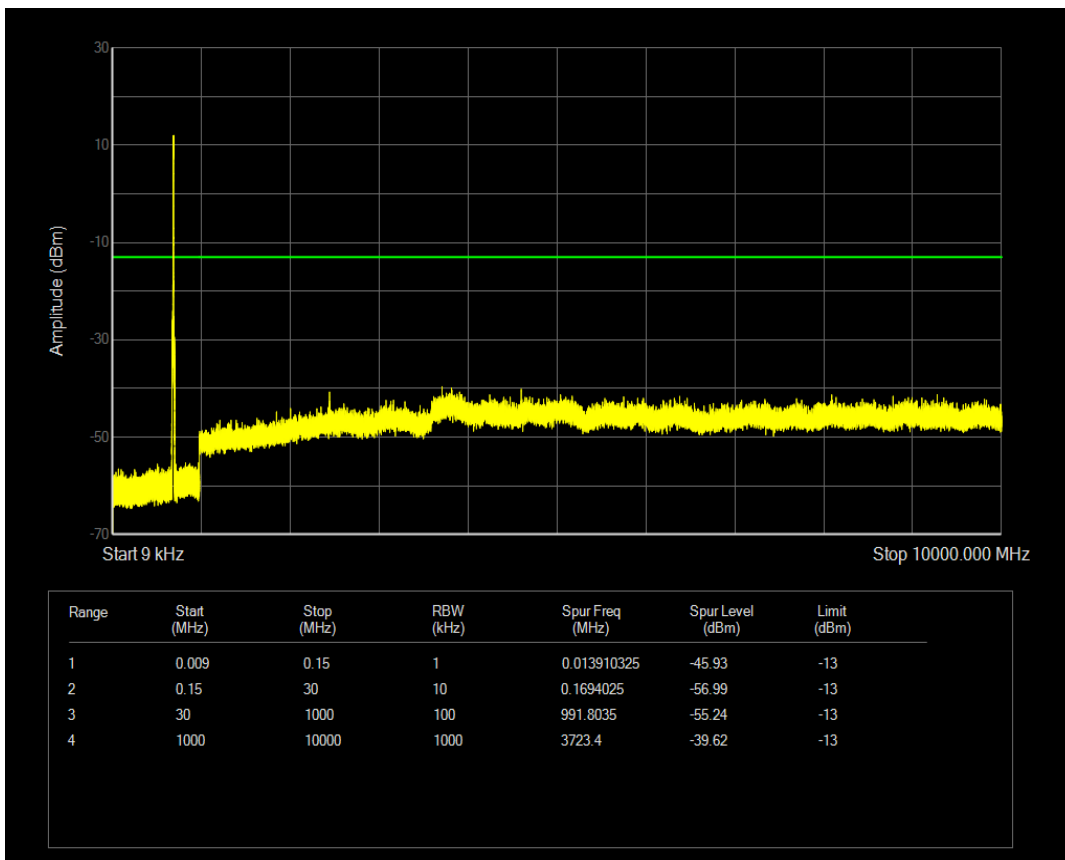
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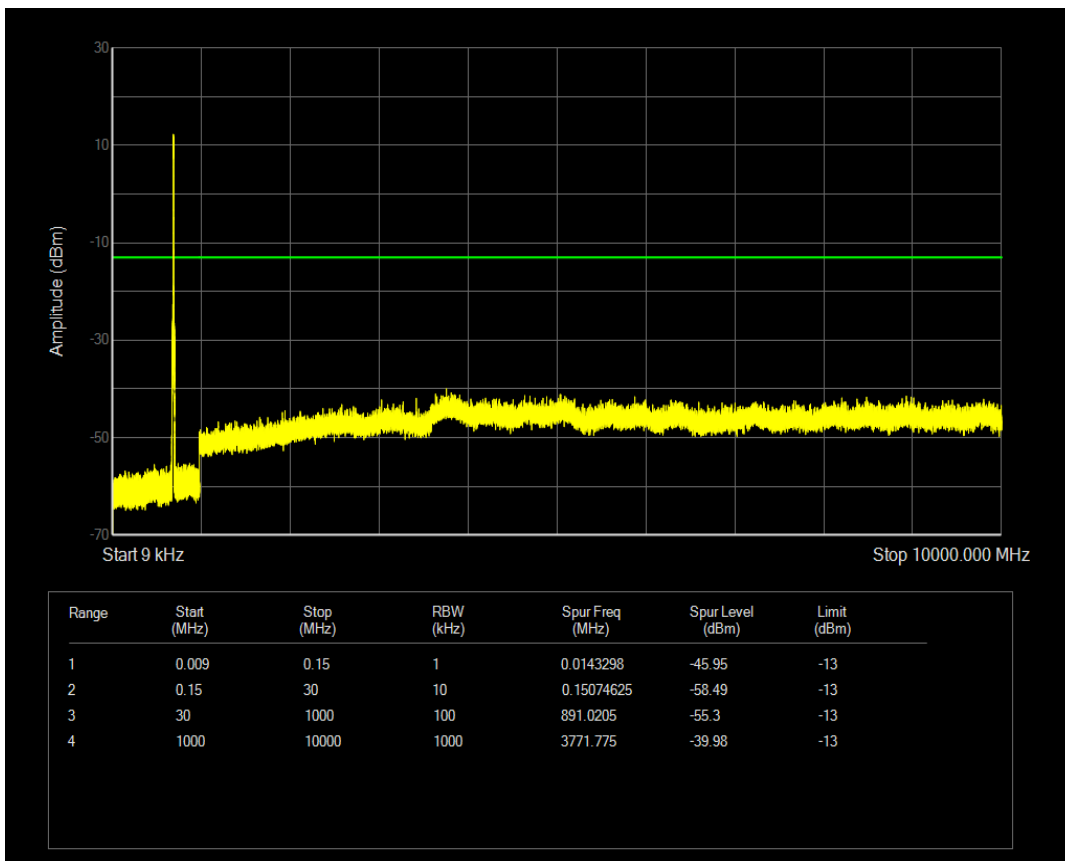
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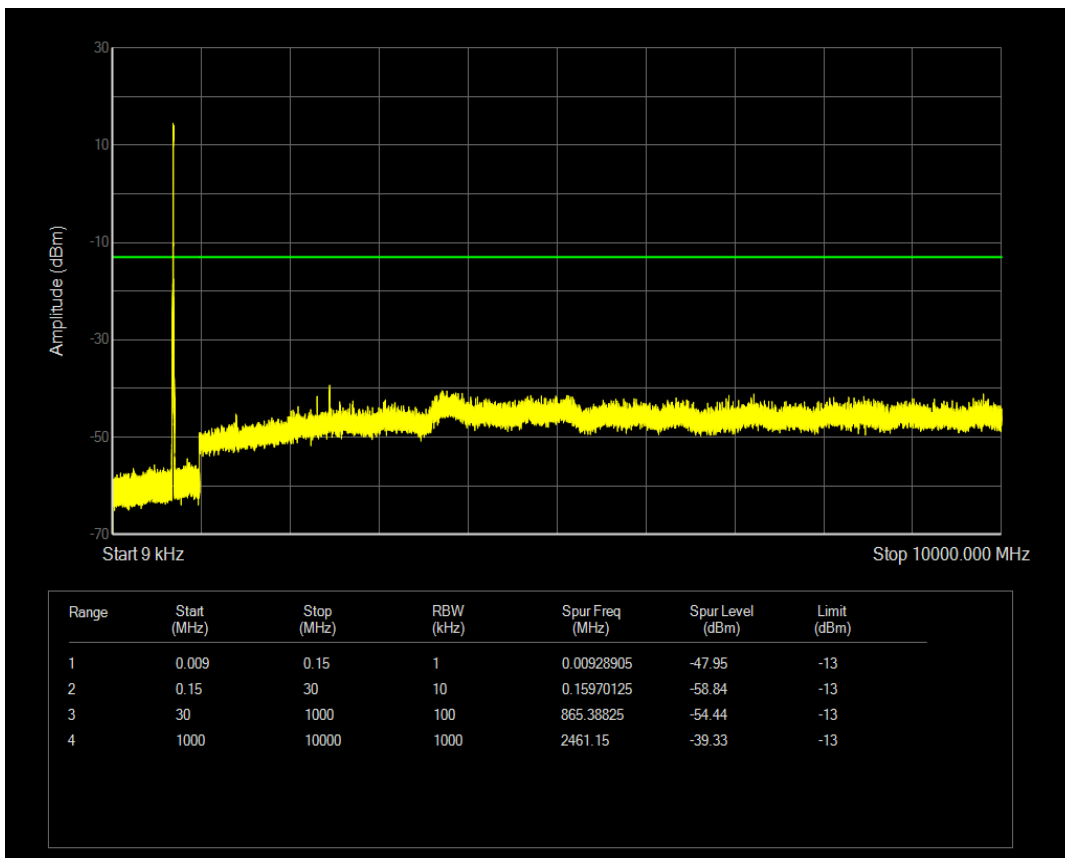
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



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

