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1 Transmitter Radiated Power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Antenna Gain (dBi)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	25.23	-6.31	-8.46	16.77	34.77	Pass
Band17	5	23755	1	#Mid	QPSK	25.14	-6.31	-8.46	16.68	34.77	Pass
Band17	5	23755	1	#Max	QPSK	25.24	-6.31	-8.46	16.78	34.77	Pass
Band17	5	23755	12	#0	QPSK	23.98	-6.31	-8.46	15.52	34.77	Pass
Band17	5	23755	12	#Mid	QPSK	24.00	-6.31	-8.46	15.54	34.77	Pass
Band17	5	23755	12	#Max	QPSK	23.93	-6.31	-8.46	15.47	34.77	Pass
Band17	5	23755	25	#0	QPSK	23.98	-6.31	-8.46	15.52	34.77	Pass
Band17	5	23755	1	#0	QAM16	24.56	-6.31	-8.46	16.10	34.77	Pass
Band17	5	23755	1	#Mid	QAM16	24.56	-6.31	-8.46	16.10	34.77	Pass
Band17	5	23755	1	#Max	QAM16	24.58	-6.31	-8.46	16.12	34.77	Pass
Band17	5	23755	12	#0	QAM16	23.18	-6.31	-8.46	14.72	34.77	Pass
Band17	5	23755	12	#Mid	QAM16	23.22	-6.31	-8.46	14.76	34.77	Pass
Band17	5	23755	12	#Max	QAM16	23.16	-6.31	-8.46	14.70	34.77	Pass
Band17	5	23755	25	#0	QAM16	23.26	-6.31	-8.46	14.80	34.77	Pass
Band17	5	23790	1	#0	QPSK	25.02	-6.31	-8.46	16.56	34.77	Pass
Band17	5	23790	1	#Mid	QPSK	25.08	-6.31	-8.46	16.62	34.77	Pass
Band17	5	23790	1	#Max	QPSK	25.05	-6.31	-8.46	16.59	34.77	Pass
Band17	5	23790	12	#0	QPSK	23.96	-6.31	-8.46	15.50	34.77	Pass
Band17	5	23790	12	#Mid	QPSK	23.97	-6.31	-8.46	15.51	34.77	Pass
Band17	5	23790	12	#Max	QPSK	23.93	-6.31	-8.46	15.47	34.77	Pass
Band17	5	23790	25	#0	QPSK	23.95	-6.31	-8.46	15.49	34.77	Pass
Band17	5	23790	1	#0	QAM16	24.36	-6.31	-8.46	15.90	34.77	Pass
Band17	5	23790	1	#Mid	QAM16	24.41	-6.31	-8.46	15.95	34.77	Pass
Band17	5	23790	1	#Max	QAM16	24.38	-6.31	-8.46	15.92	34.77	Pass
Band17	5	23790	12	#0	QAM16	23.29	-6.31	-8.46	14.83	34.77	Pass
Band17	5	23790	12	#Mid	QAM16	23.27	-6.31	-8.46	14.81	34.77	Pass
Band17	5	23790	12	#Max	QAM16	23.24	-6.31	-8.46	14.78	34.77	Pass
Band17	5	23790	25	#0	QAM16	23.23	-6.31	-8.46	14.77	34.77	Pass
Band17	5	23825	1	#0	QPSK	25.12	-6.31	-8.46	16.66	34.77	Pass
Band17	5	23825	1	#Mid	QPSK	25.06	-6.31	-8.46	16.60	34.77	Pass
Band17	5	23825	1	#Max	QPSK	25.14	-6.31	-8.46	16.68	34.77	Pass
Band17	5	23825	12	#0	QPSK	23.98	-6.31	-8.46	15.52	34.77	Pass
Band17	5	23825	12	#Mid	QPSK	23.95	-6.31	-8.46	15.49	34.77	Pass
Band17	5	23825	12	#Max	QPSK	23.89	-6.31	-8.46	15.43	34.77	Pass
Band17	5	23825	25	#0	QPSK	23.94	-6.31	-8.46	15.48	34.77	Pass
Band17	5	23825	1	#0	QAM16	24.52	-6.31	-8.46	16.06	34.77	Pass
Band17	5	23825	1	#Mid	QAM16	24.40	-6.31	-8.46	15.94	34.77	Pass
Band17	5	23825	1	#Max	QAM16	24.50	-6.31	-8.46	16.04	34.77	Pass
Band17	5	23825	12	#0	QAM16	23.22	-6.31	-8.46	14.76	34.77	Pass

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Band17	5	23825	12	#Mid	QAM16	23.20	-6.31	-8.46	14.74	34.77	Pass
Band17	5	23825	12	#Max	QAM16	23.18	-6.31	-8.46	14.72	34.77	Pass
Band17	5	23825	25	#0	QAM16	23.19	-6.31	-8.46	14.73	34.77	Pass
Band17	10	23780	1	#0	QPSK	25.08	-6.31	-8.46	16.62	34.77	Pass
Band17	10	23780	1	#Mid	QPSK	25.12	-6.31	-8.46	16.66	34.77	Pass
Band17	10	23780	1	#Max	QPSK	25.09	-6.31	-8.46	16.63	34.77	Pass
Band17	10	23780	25	#0	QPSK	23.97	-6.31	-8.46	15.51	34.77	Pass
Band17	10	23780	25	#Mid	QPSK	23.99	-6.31	-8.46	15.53	34.77	Pass
Band17	10	23780	25	#Max	QPSK	23.93	-6.31	-8.46	15.47	34.77	Pass
Band17	10	23780	50	#0	QPSK	23.97	-6.31	-8.46	15.51	34.77	Pass
Band17	10	23780	1	#0	QAM16	24.53	-6.31	-8.46	16.07	34.77	Pass
Band17	10	23780	1	#Mid	QAM16	24.48	-6.31	-8.46	16.02	34.77	Pass
Band17	10	23780	1	#Max	QAM16	24.43	-6.31	-8.46	15.97	34.77	Pass
Band17	10	23780	25	#0	QAM16	23.27	-6.31	-8.46	14.81	34.77	Pass
Band17	10	23780	25	#Mid	QAM16	23.30	-6.31	-8.46	14.84	34.77	Pass
Band17	10	23780	25	#Max	QAM16	23.22	-6.31	-8.46	14.76	34.77	Pass
Band17	10	23780	50	#0	QAM16	23.25	-6.31	-8.46	14.79	34.77	Pass
Band17	10	23790	1	#0	QPSK	25.06	-6.31	-8.46	16.60	34.77	Pass
Band17	10	23790	1	#Mid	QPSK	24.98	-6.31	-8.46	16.52	34.77	Pass
Band17	10	23790	1	#Max	QPSK	24.95	-6.31	-8.46	16.49	34.77	Pass
Band17	10	23790	25	#0	QPSK	23.96	-6.31	-8.46	15.50	34.77	Pass
Band17	10	23790	25	#Mid	QPSK	23.97	-6.31	-8.46	15.51	34.77	Pass
Band17	10	23790	25	#Max	QPSK	23.94	-6.31	-8.46	15.48	34.77	Pass
Band17	10	23790	50	#0	QPSK	23.99	-6.31	-8.46	15.53	34.77	Pass
Band17	10	23790	1	#0	QAM16	24.27	-6.31	-8.46	15.81	34.77	Pass
Band17	10	23790	1	#Mid	QAM16	24.26	-6.31	-8.46	15.80	34.77	Pass
Band17	10	23790	1	#Max	QAM16	24.17	-6.31	-8.46	15.71	34.77	Pass
Band17	10	23790	25	#0	QAM16	23.28	-6.31	-8.46	14.82	34.77	Pass
Band17	10	23790	25	#Mid	QAM16	23.27	-6.31	-8.46	14.81	34.77	Pass
Band17	10	23790	25	#Max	QAM16	23.20	-6.31	-8.46	14.74	34.77	Pass
Band17	10	23790	50	#0	QAM16	23.28	-6.31	-8.46	14.82	34.77	Pass
Band17	10	23800	1	#0	QPSK	25.13	-6.31	-8.46	16.67	34.77	Pass
Band17	10	23800	1	#Mid	QPSK	25.07	-6.31	-8.46	16.61	34.77	Pass
Band17	10	23800	1	#Max	QPSK	25.10	-6.31	-8.46	16.64	34.77	Pass
Band17	10	23800	25	#0	QPSK	24.00	-6.31	-8.46	15.54	34.77	Pass
Band17	10	23800	25	#Mid	QPSK	23.97	-6.31	-8.46	15.51	34.77	Pass
Band17	10	23800	25	#Max	QPSK	23.95	-6.31	-8.46	15.49	34.77	Pass
Band17	10	23800	50	#0	QPSK	24.00	-6.31	-8.46	15.54	34.77	Pass
Band17	10	23800	1	#0	QAM16	24.06	-6.31	-8.46	15.60	34.77	Pass
Band17	10	23800	1	#Mid	QAM16	23.91	-6.31	-8.46	15.45	34.77	Pass
Band17	10	23800	1	#Max	QAM16	23.94	-6.31	-8.46	15.48	34.77	Pass
Band17	10	23800	25	#0	QAM16	23.29	-6.31	-8.46	14.83	34.77	Pass
Band17	10	23800	25	#Mid	QAM16	23.27	-6.31	-8.46	14.81	34.77	Pass
Band17	10	23800	25	#Max	QAM16	23.20	-6.31	-8.46	14.74	34.77	Pass

Band17	10	23800	50	#0	QAM16	23.20	-6.31	-8.46	14.74	34.77	Pass
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2 Frequency stability (Voltage:3.45V, Temperature:-10° C) Worst data.

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	0.74	0.001	-2.5	2.5	PASS
Band17	10	23780	50	#0	QAM16	0.24	0.000	-2.5	2.5	PASS
Band17	10	23790	50	#0	QPSK	-2.31	-0.003	-2.5	2.5	PASS
Band17	10	23790	50	#0	QAM16	-2.34	-0.003	-2.5	2.5	PASS
Band17	10	23800	50	#0	QPSK	1.13	0.002	-2.5	2.5	PASS
Band17	10	23800	50	#0	QAM16	1.33	0.002	-2.5	2.5	PASS

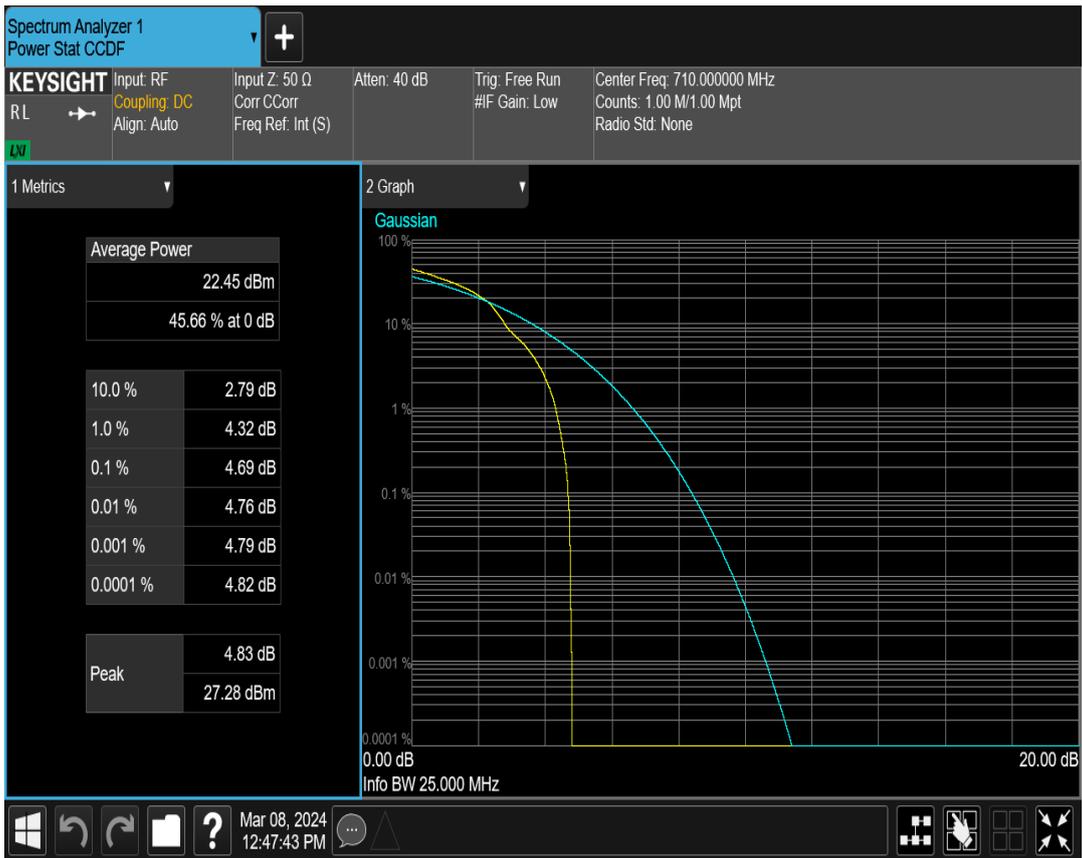
3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band17	5	23790	1	#0	QPSK	4.31	13	PASS
Band17	5	23790	1	#0	QAM16	4.69	13	PASS
Band17	10	23790	1	#0	QPSK	3.97	13	PASS
Band17	10	23790	1	#0	QAM16	4.63	13	PASS

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



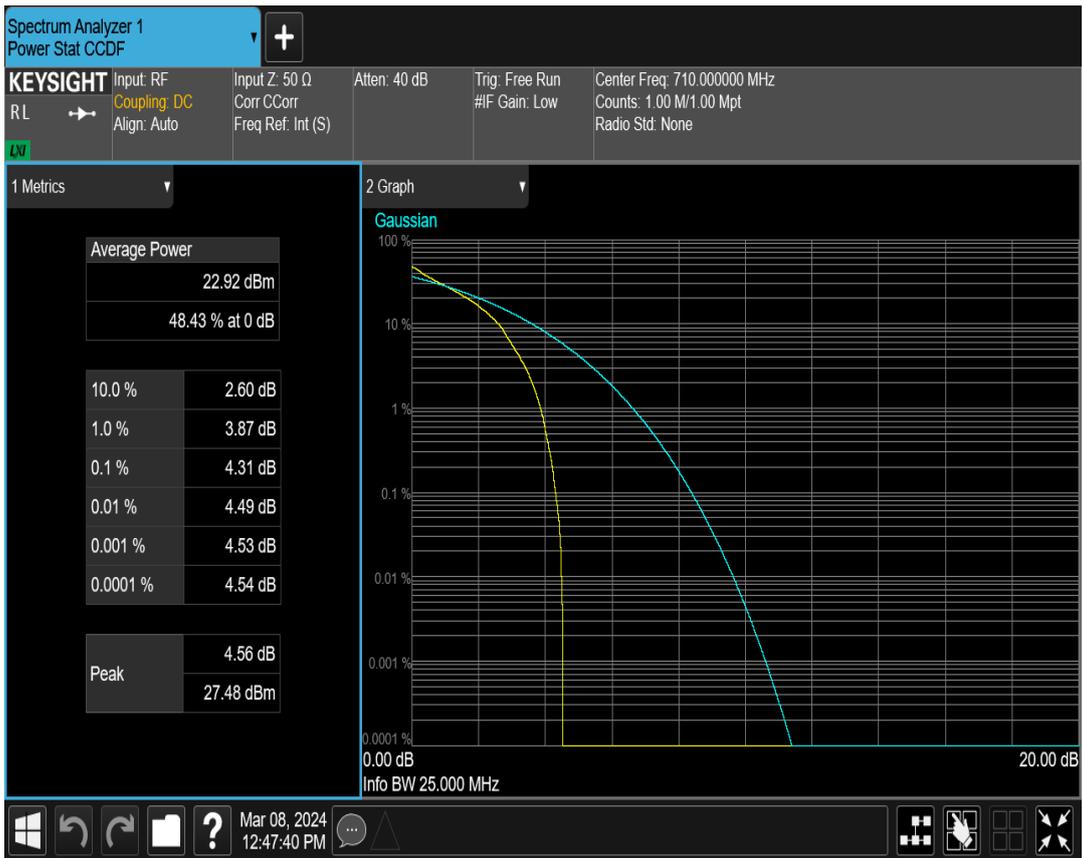
Band17 QAM16 BW=5MHz Channel=23790 RB Size=1 Position=#0



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



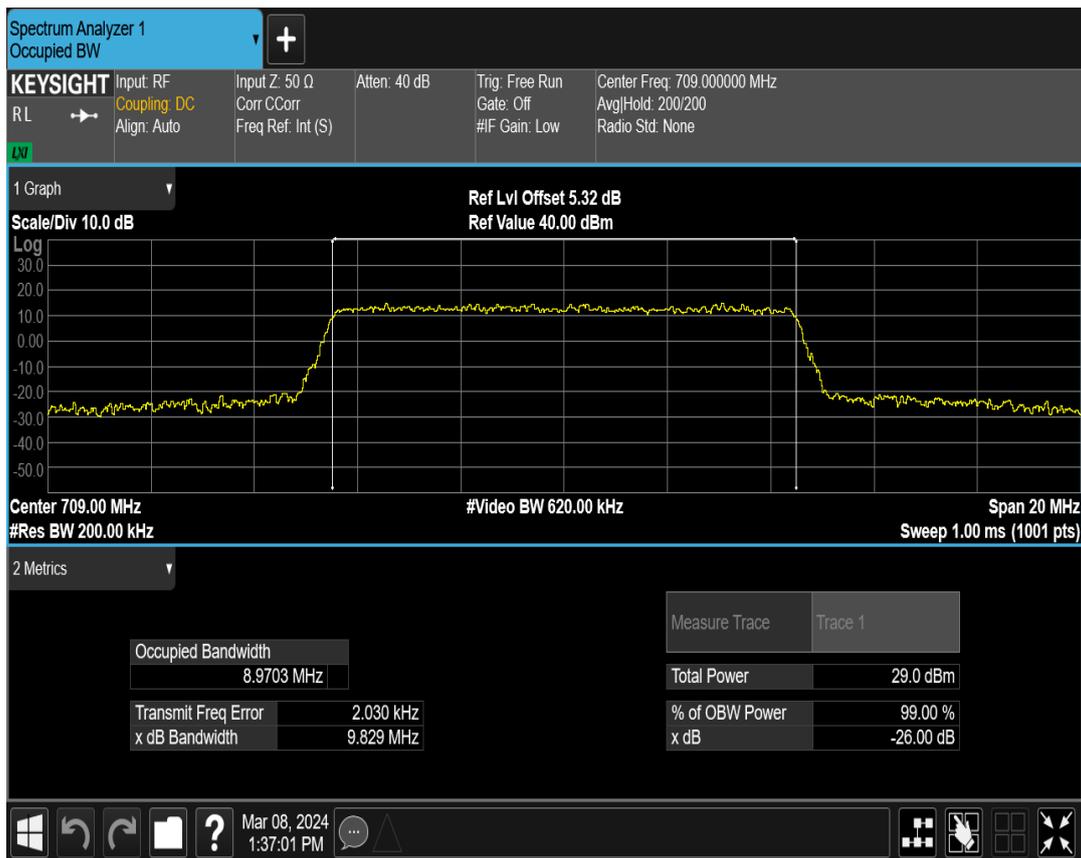
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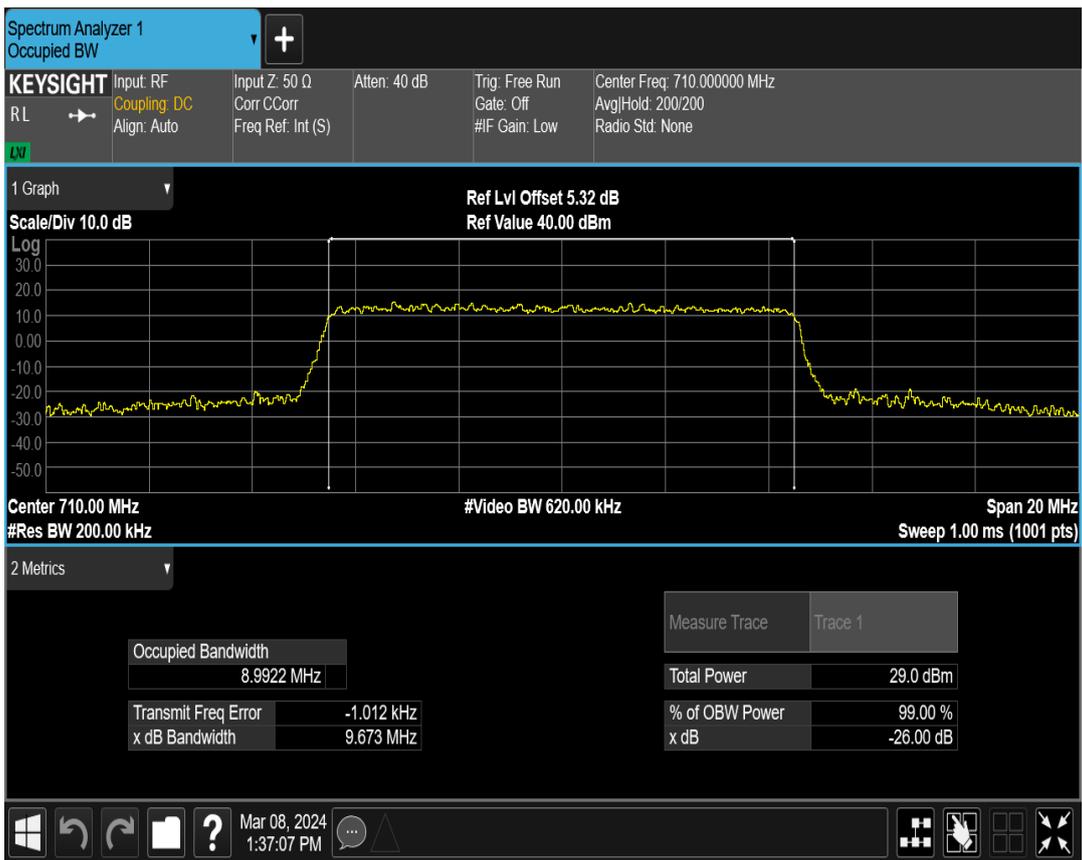
4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band17	5	23755	25	#0	QPSK	4.495	4.964	PASS
Band17	5	23755	25	#0	QAM16	4.502	4.926	PASS
Band17	5	23790	25	#0	QPSK	4.514	4.953	PASS
Band17	5	23790	25	#0	QAM16	4.535	4.911	PASS
Band17	5	23825	25	#0	QPSK	4.503	4.957	PASS
Band17	5	23825	25	#0	QAM16	4.501	4.932	PASS
Band17	10	23780	50	#0	QPSK	9.010	9.823	PASS
Band17	10	23780	50	#0	QAM16	8.970	9.829	PASS
Band17	10	23790	50	#0	QPSK	8.990	9.694	PASS
Band17	10	23790	50	#0	QAM16	8.992	9.673	PASS
Band17	10	23800	50	#0	QPSK	8.997	9.740	PASS
Band17	10	23800	50	#0	QAM16	8.982	9.678	PASS

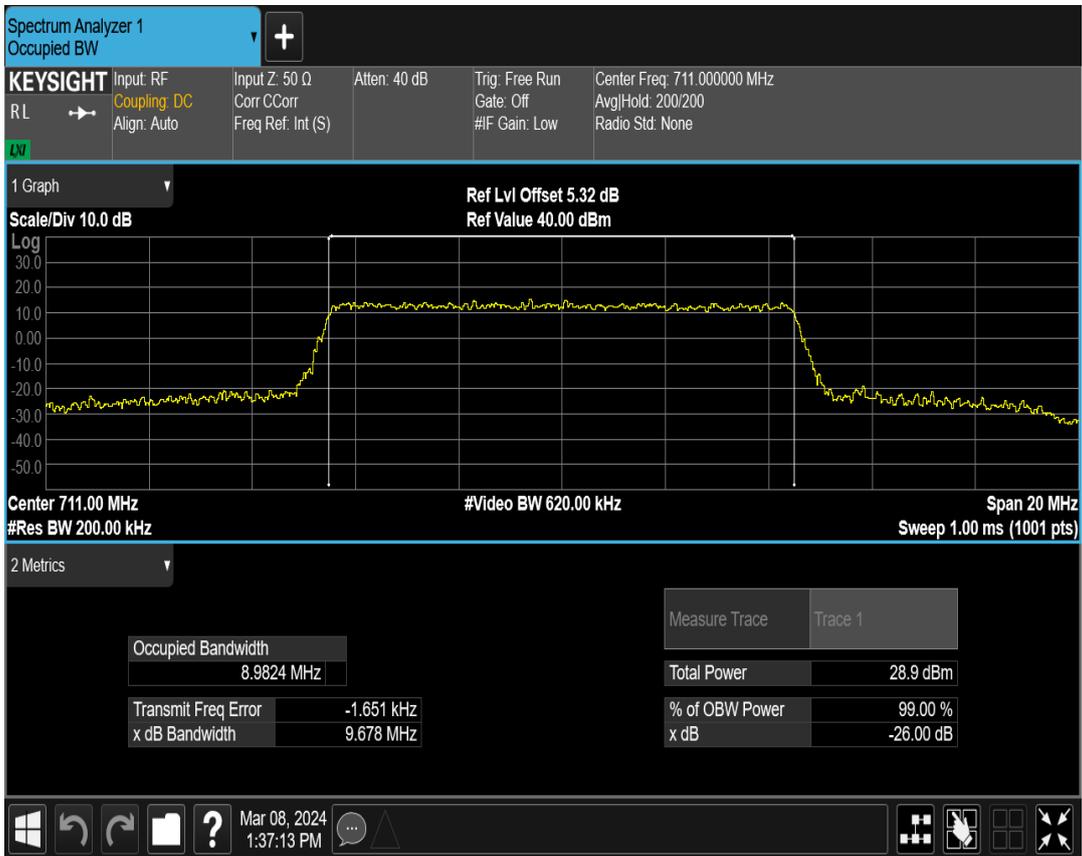
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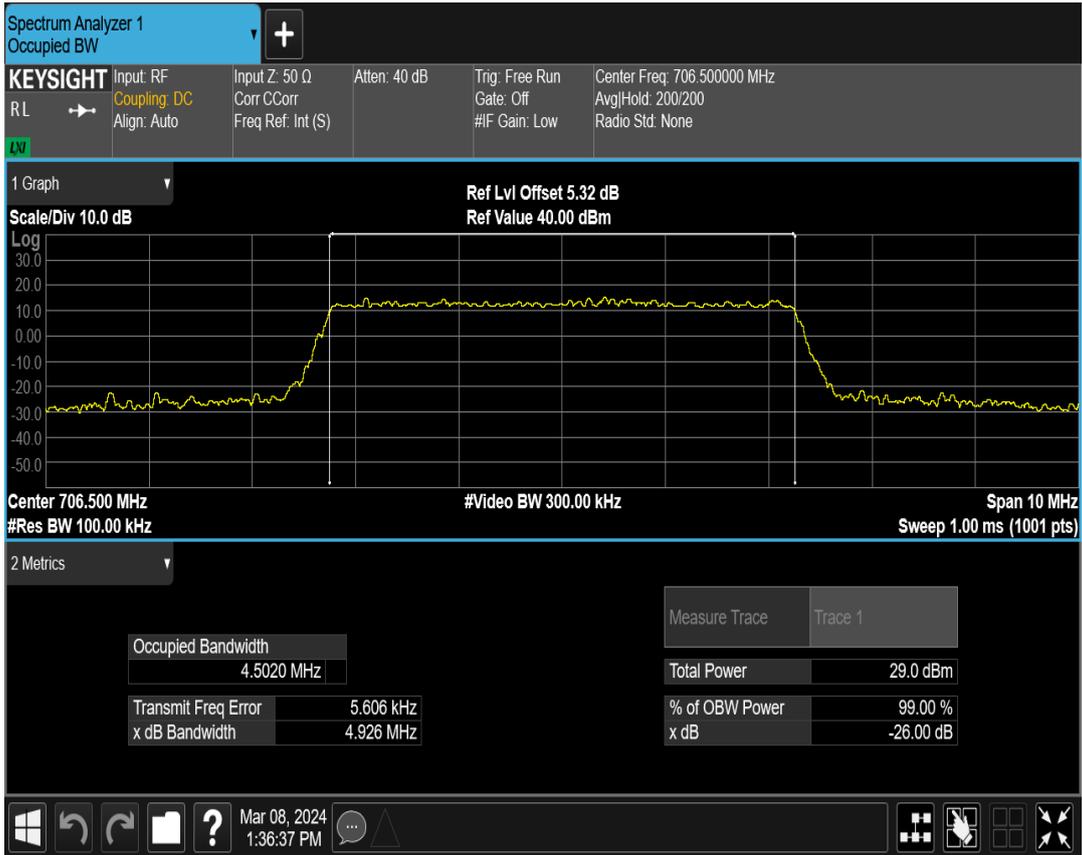
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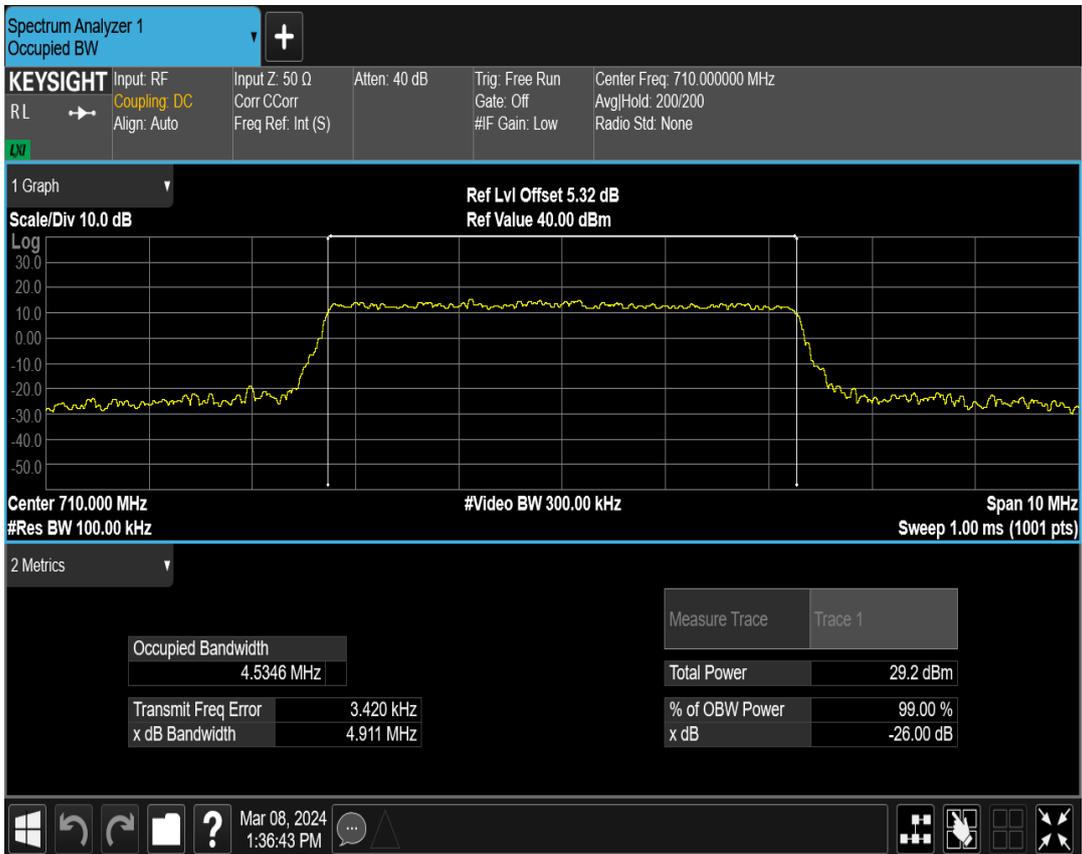
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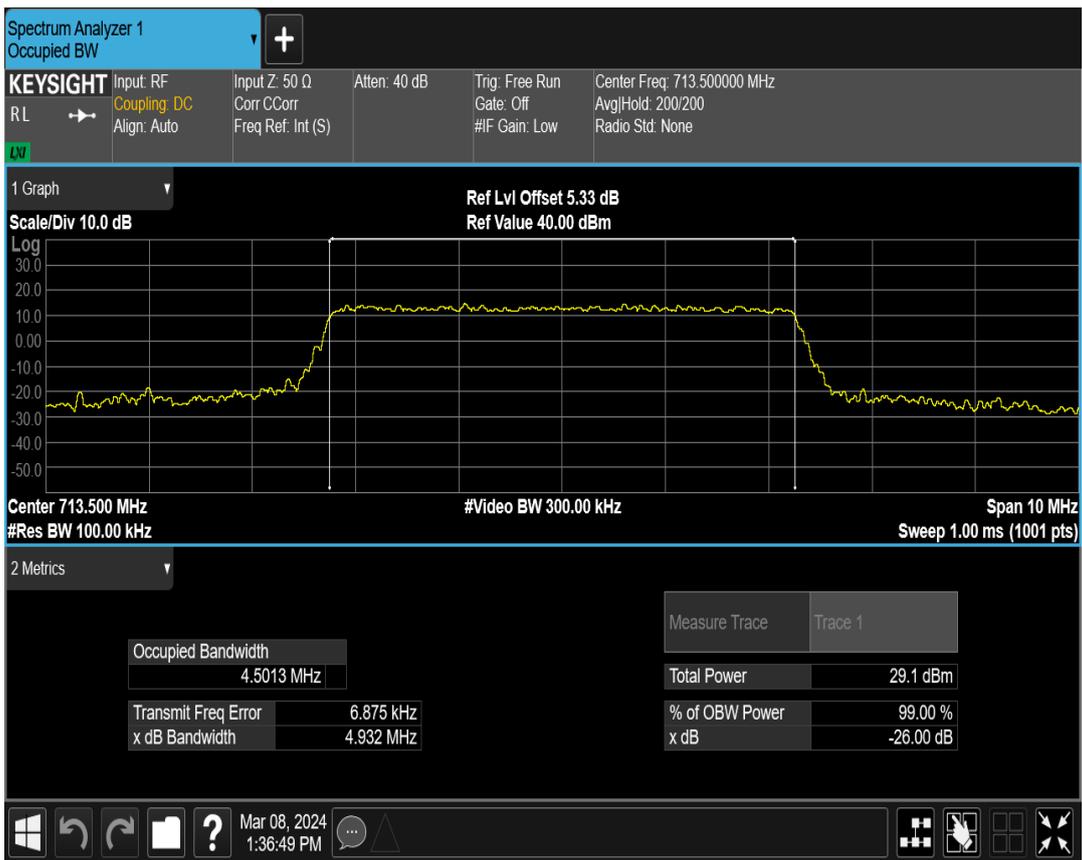
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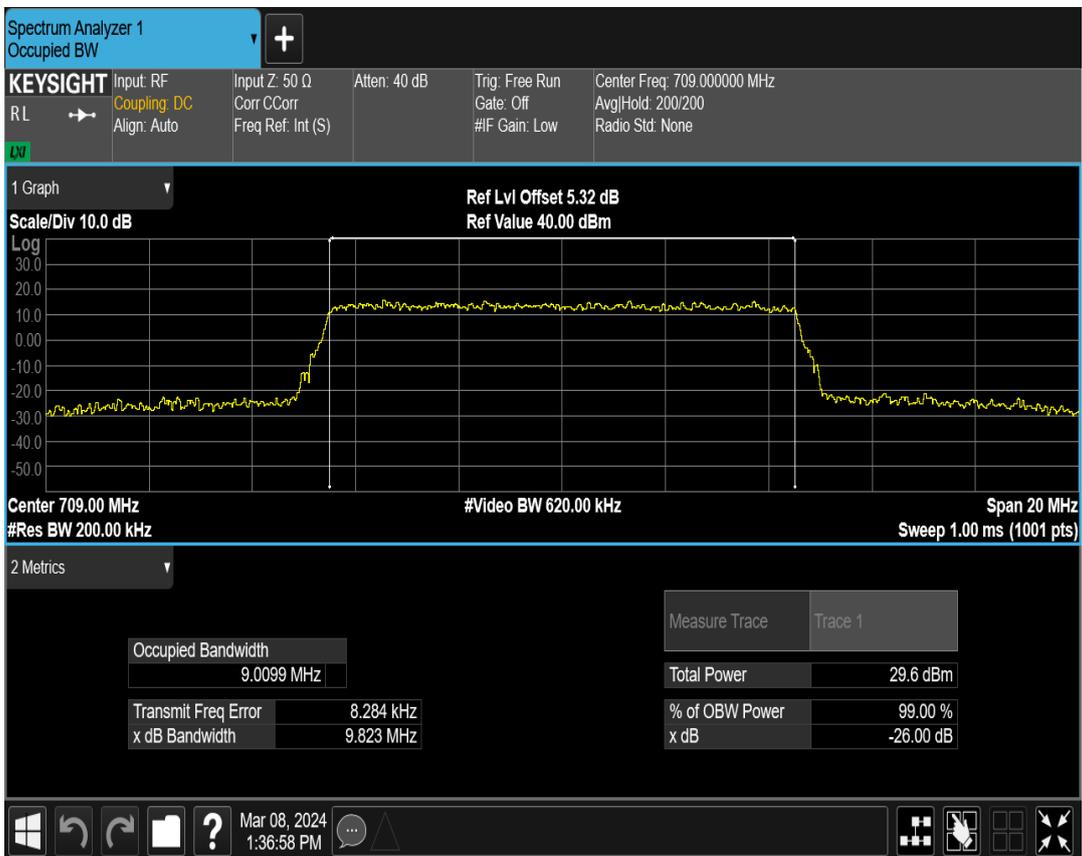
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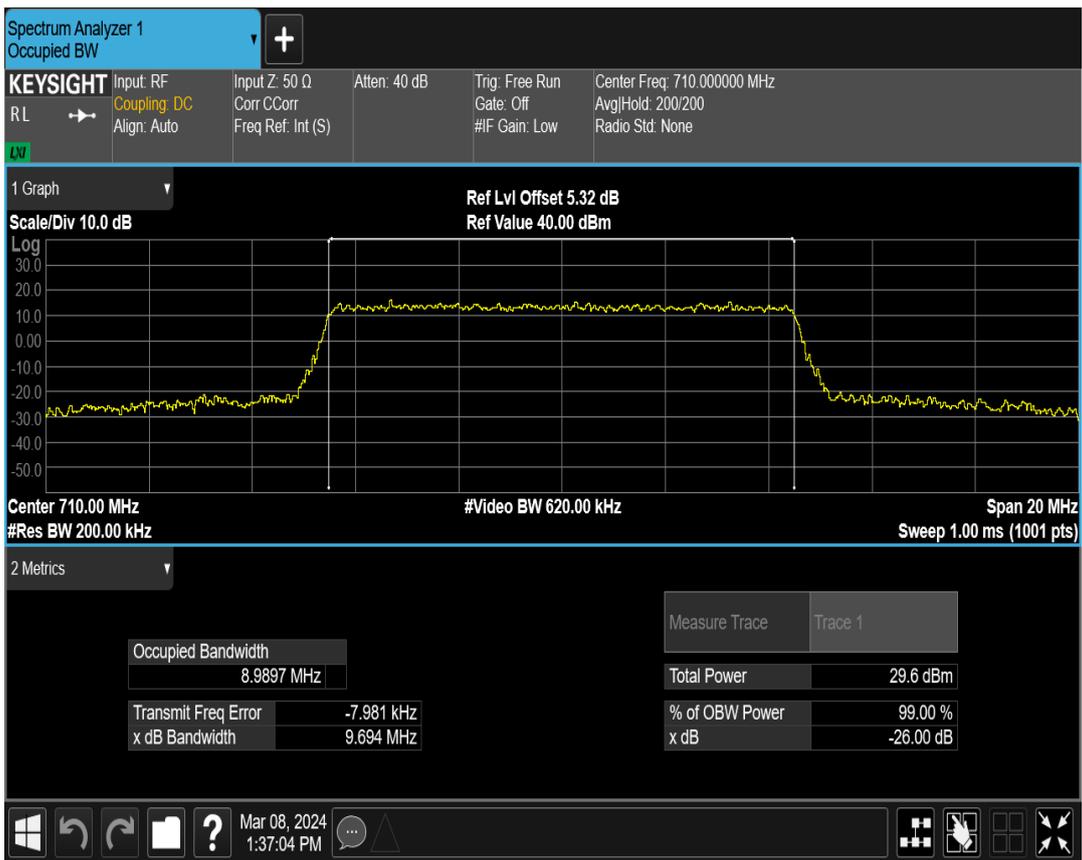
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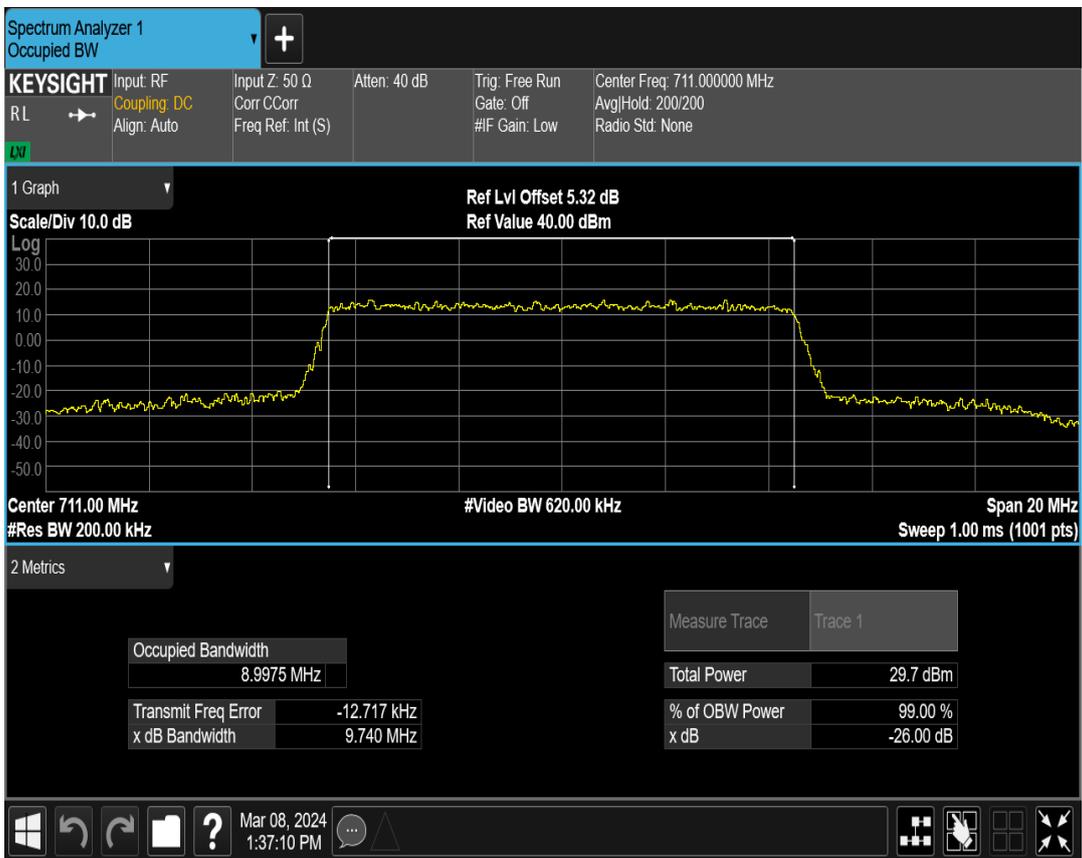
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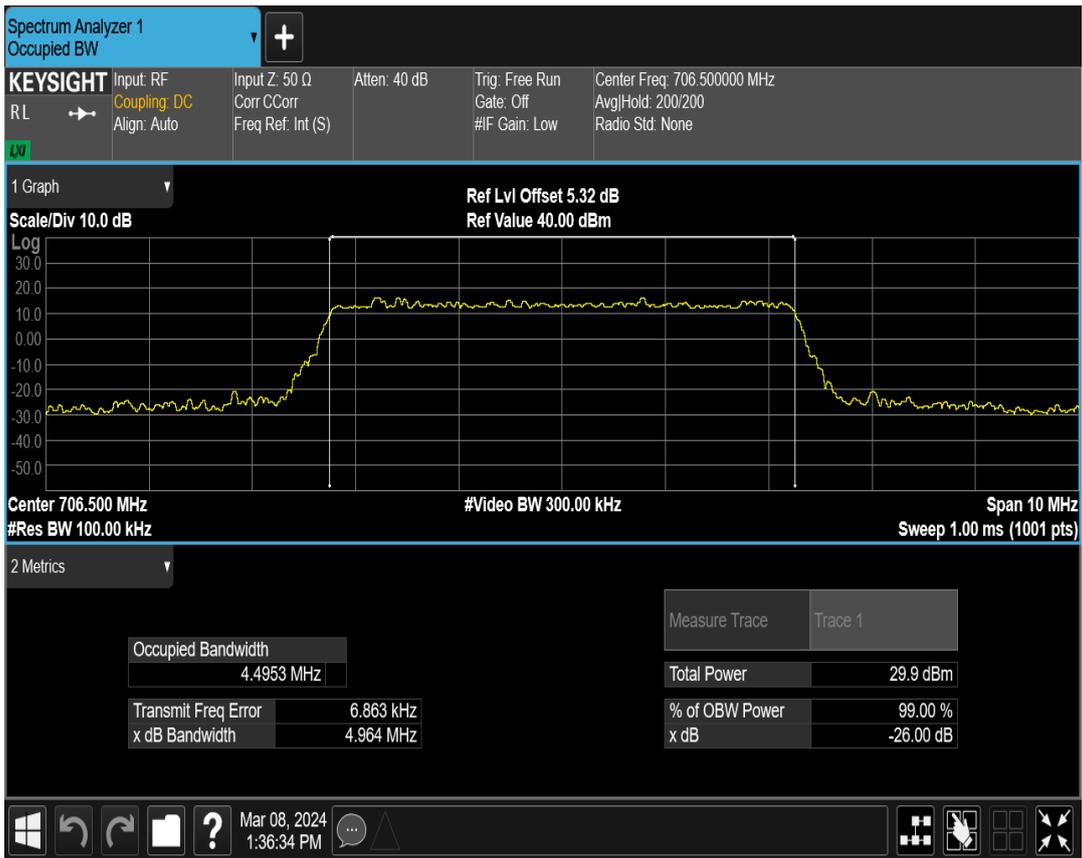
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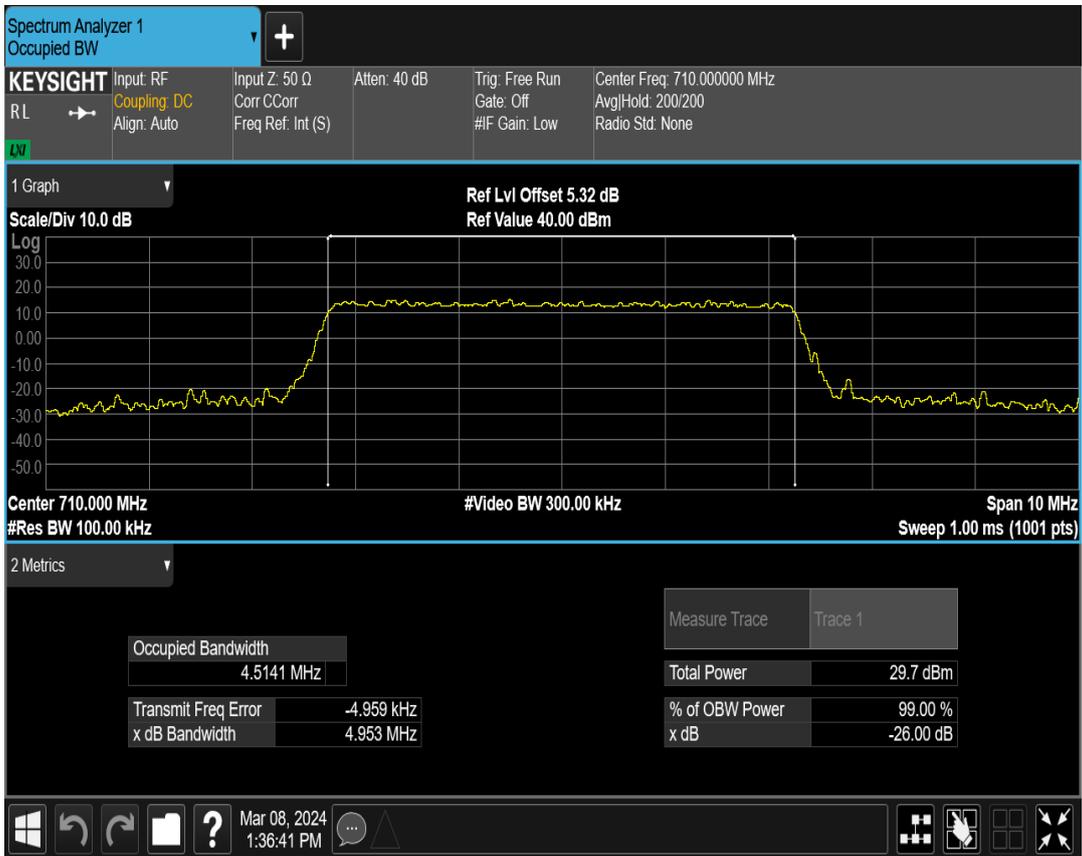
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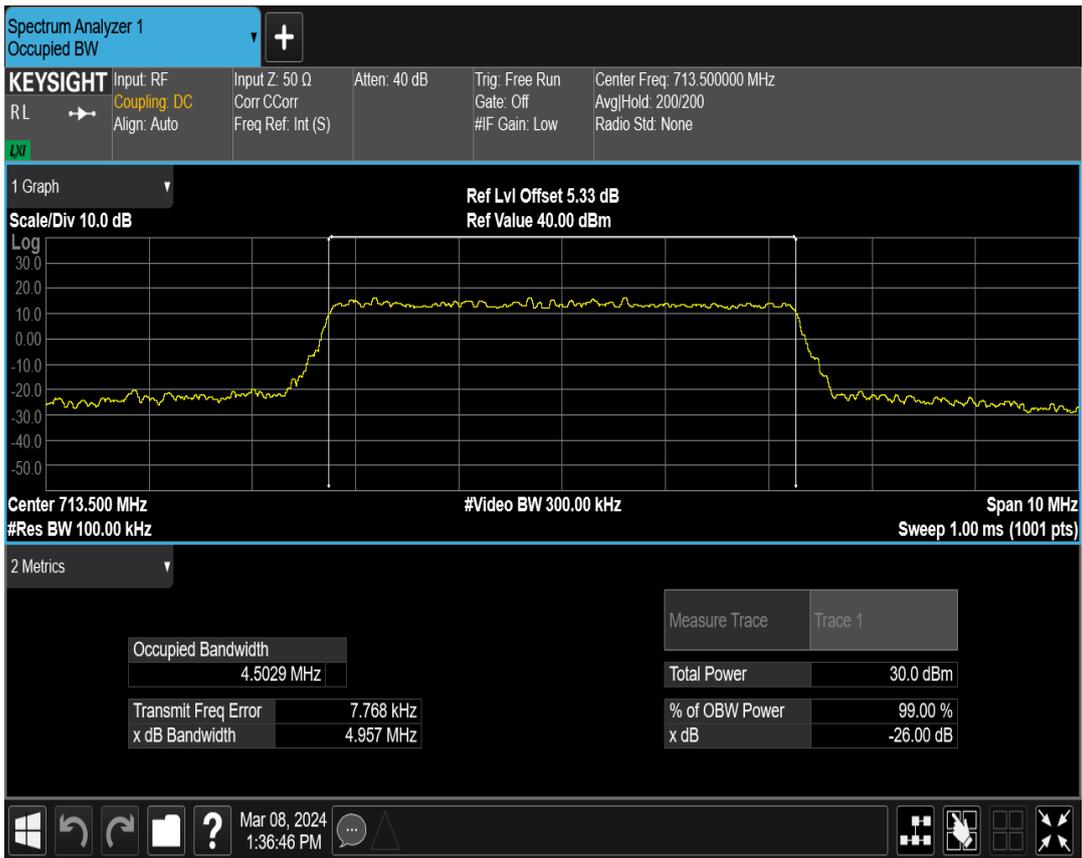
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Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



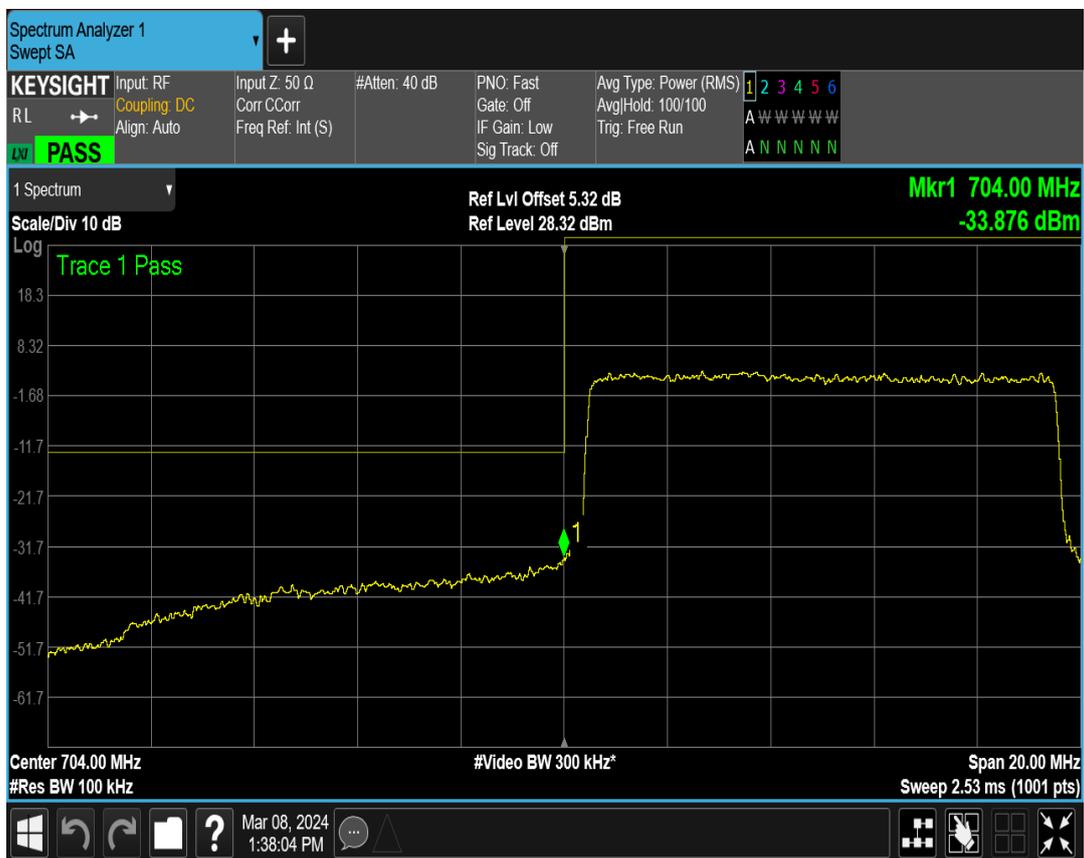
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5 Band edge

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	704.00	-32.27	-13	PASS
Band17	5	23755	25	#0	QAM16	704.00	-31.36	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-30.79	-13	PASS
Band17	5	23825	25	#0	QAM16	716.00	-31.10	-13	PASS
Band17	10	23780	50	#0	QPSK	704.00	-33.22	-13	PASS
Band17	10	23780	50	#0	QAM16	704.00	-33.87	-13	PASS
Band17	10	23800	50	#0	QPSK	716.08	-33.38	-13	PASS
Band17	10	23800	50	#0	QAM16	716.00	-32.99	-13	PASS

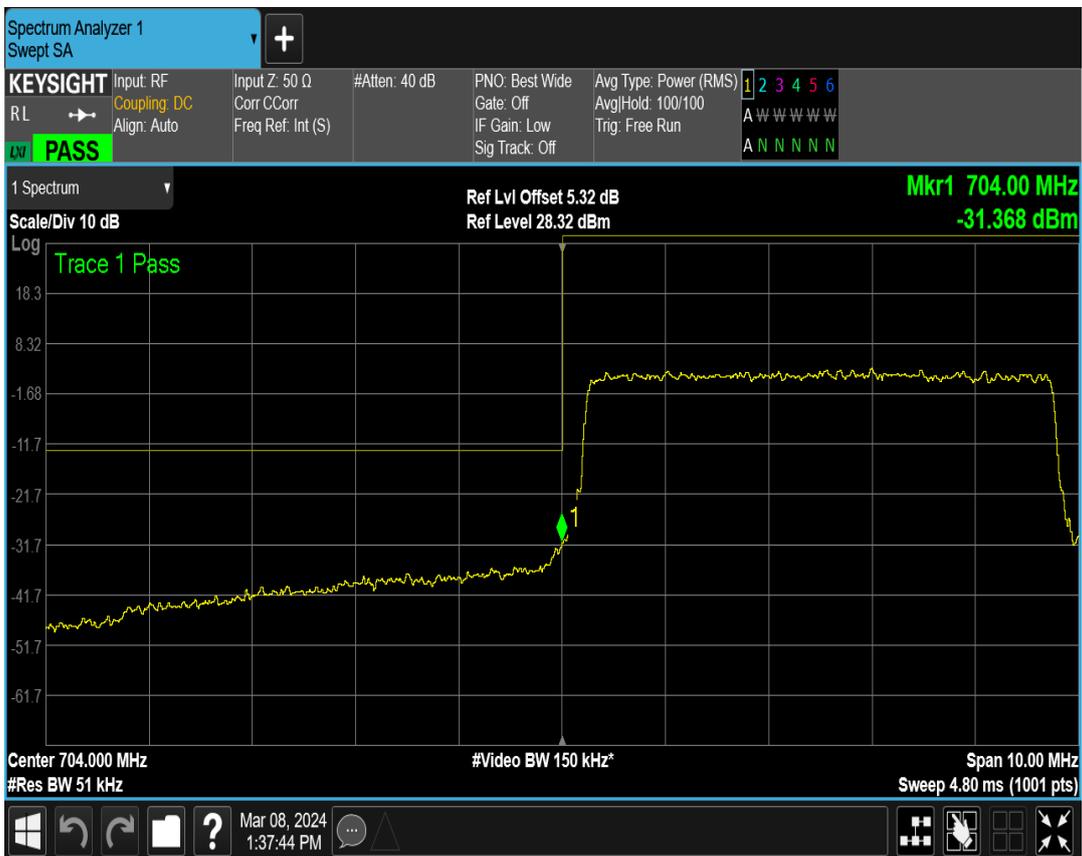
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Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0



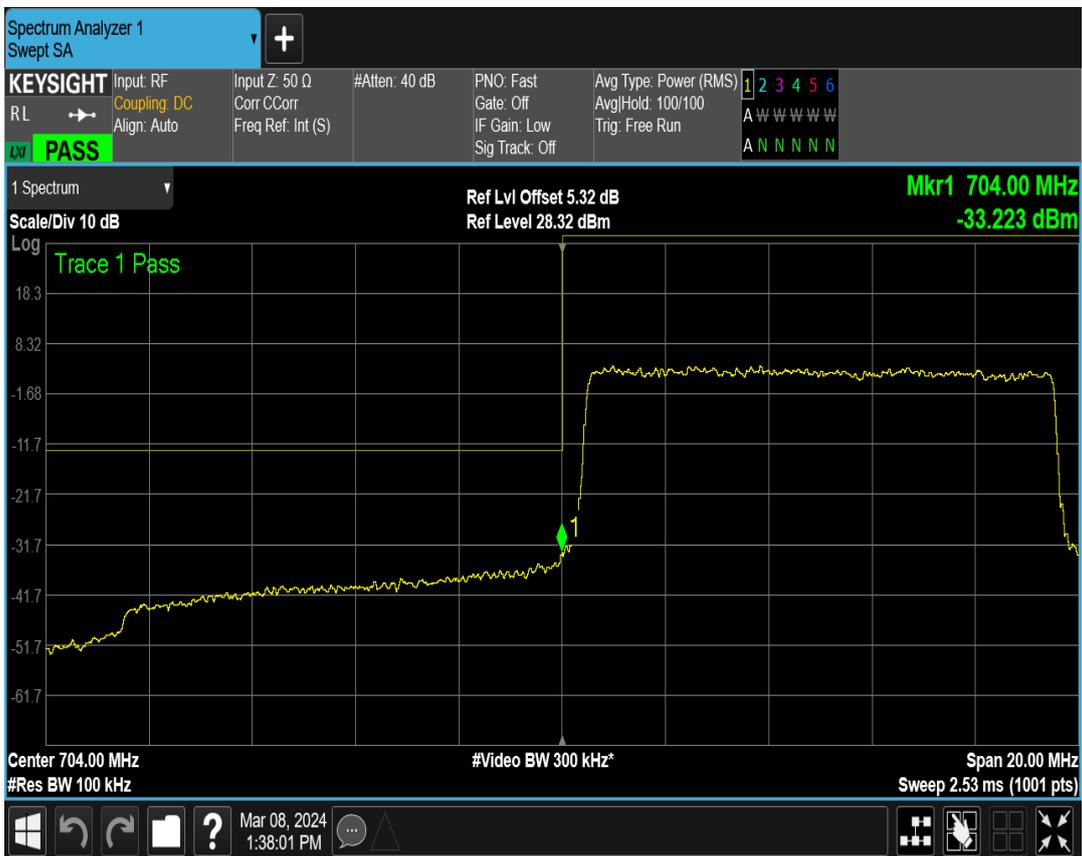
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Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0



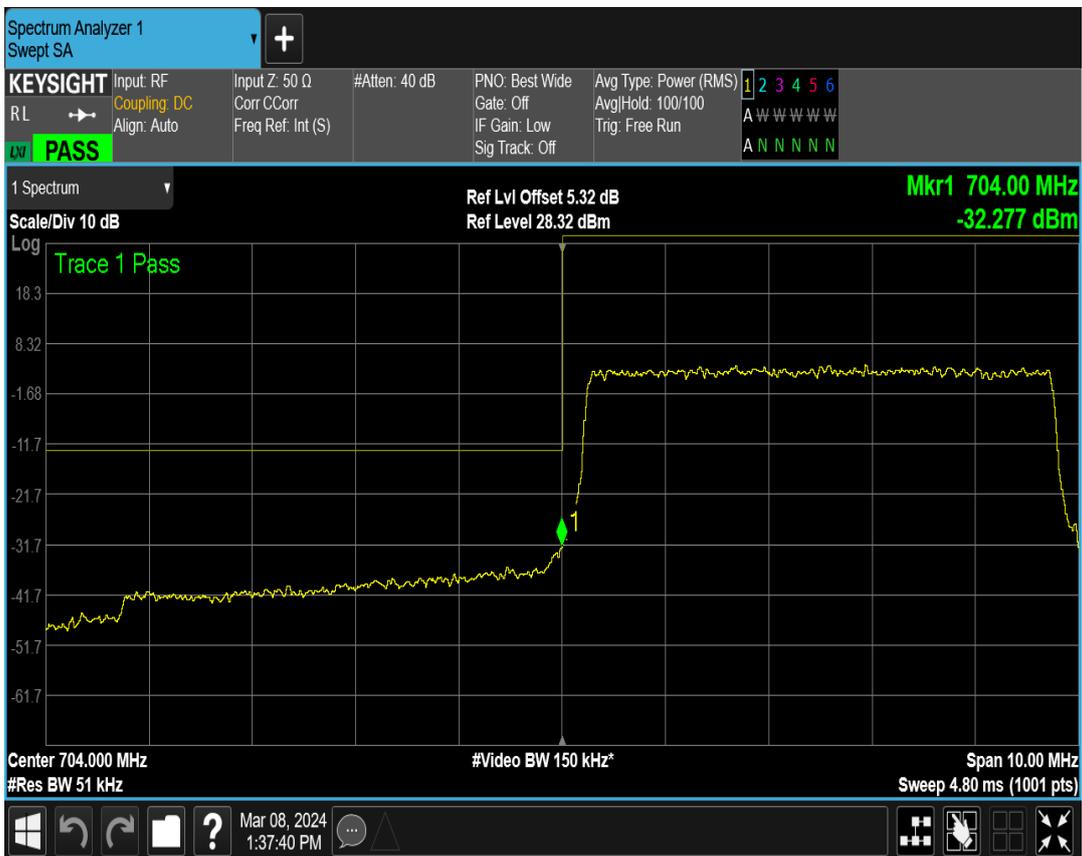
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Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



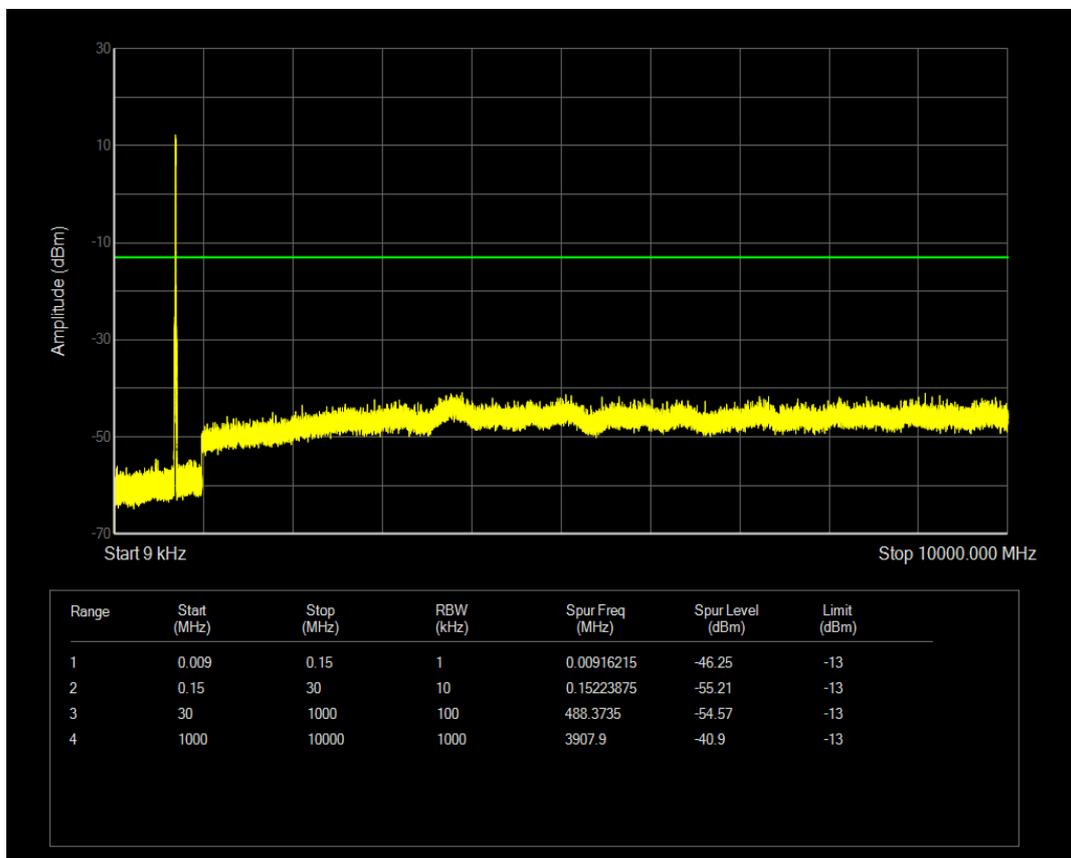
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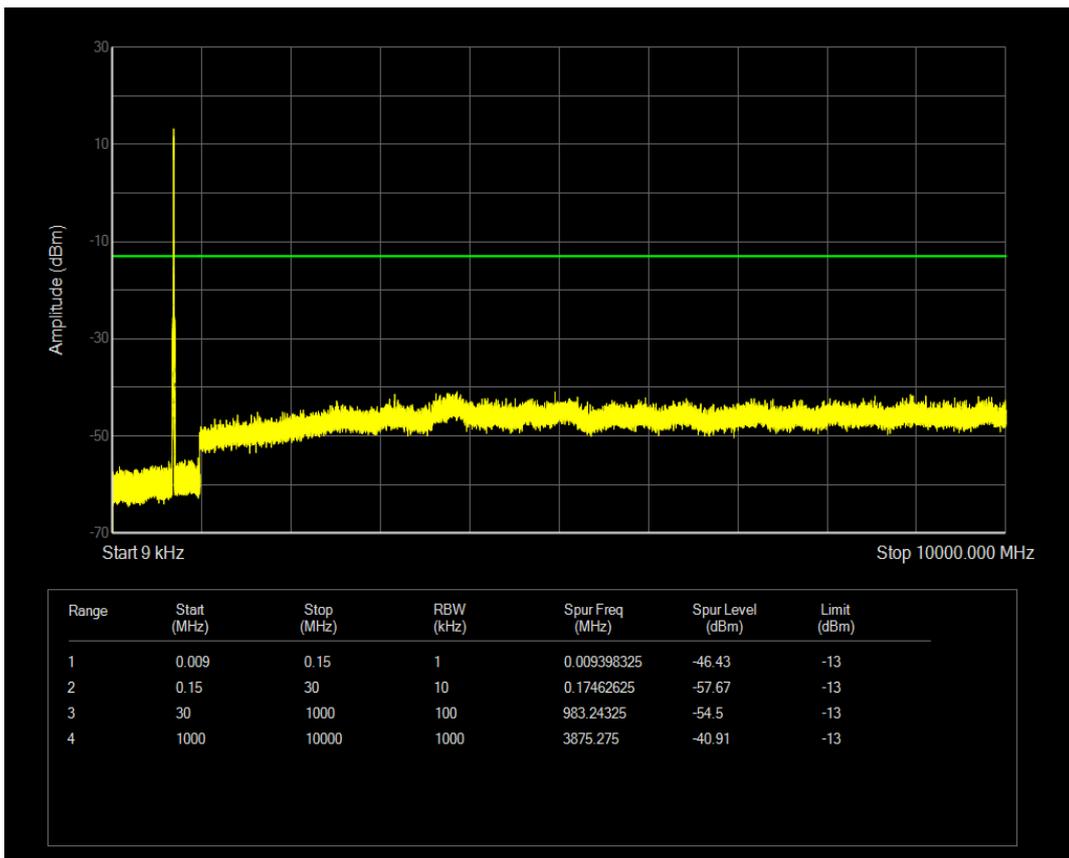
6 Out-of-band emissions

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	3818.80	-41.08	-13	PASS
Band17	5	23755	25	#0	QAM16	3803.05	-40.04	-13	PASS
Band17	5	23825	25	#0	QPSK	5080.15	-40.41	-13	PASS
Band17	5	23825	25	#0	QAM16	3741.85	-40.81	-13	PASS
Band17	10	23780	50	#0	QPSK	3749.73	-40.44	-13	PASS
Band17	10	23780	50	#0	QAM16	3907.90	-40.90	-13	PASS
Band17	10	23800	50	#0	QPSK	3853.68	-40.47	-13	PASS
Band17	10	23800	50	#0	QAM16	3875.28	-40.91	-13	PASS

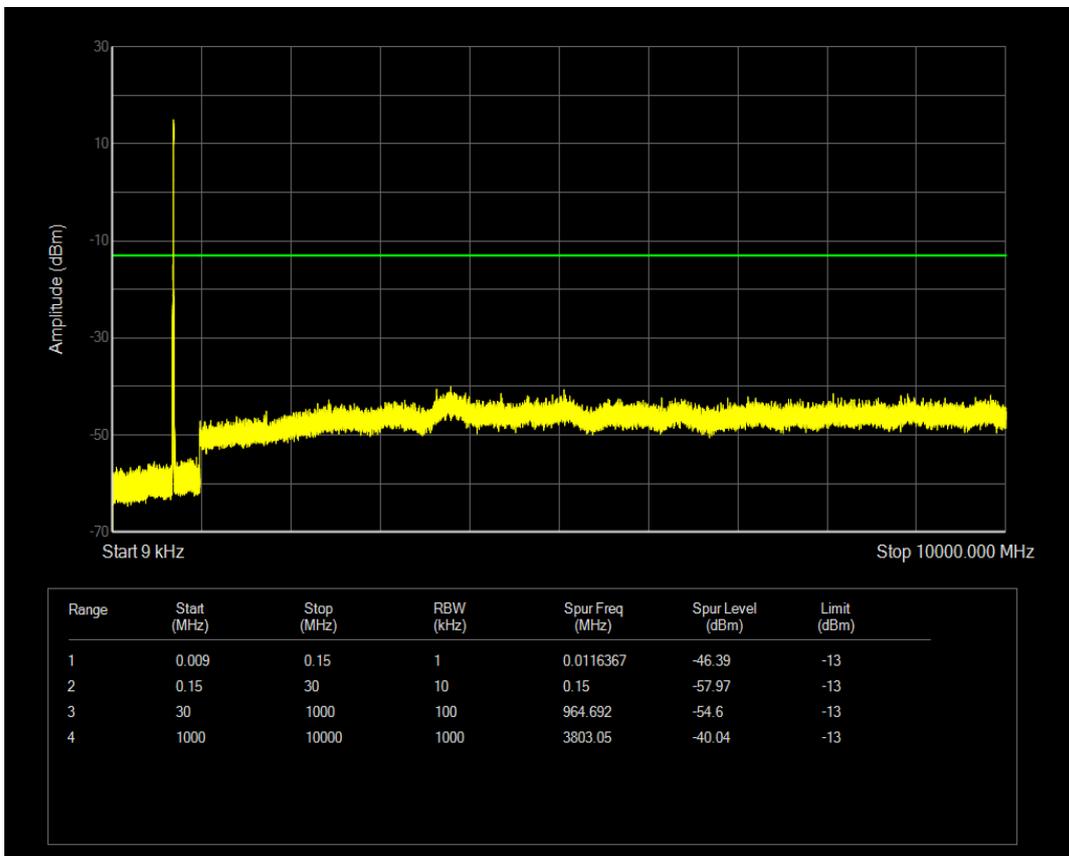
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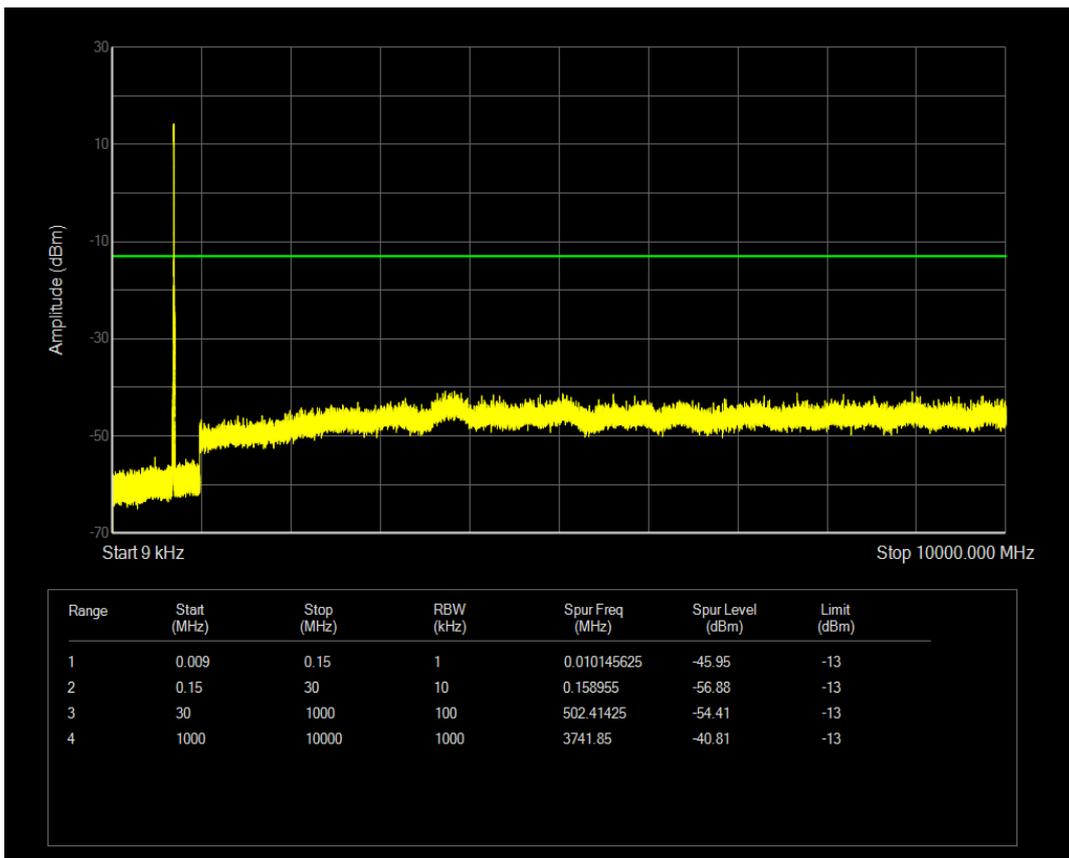
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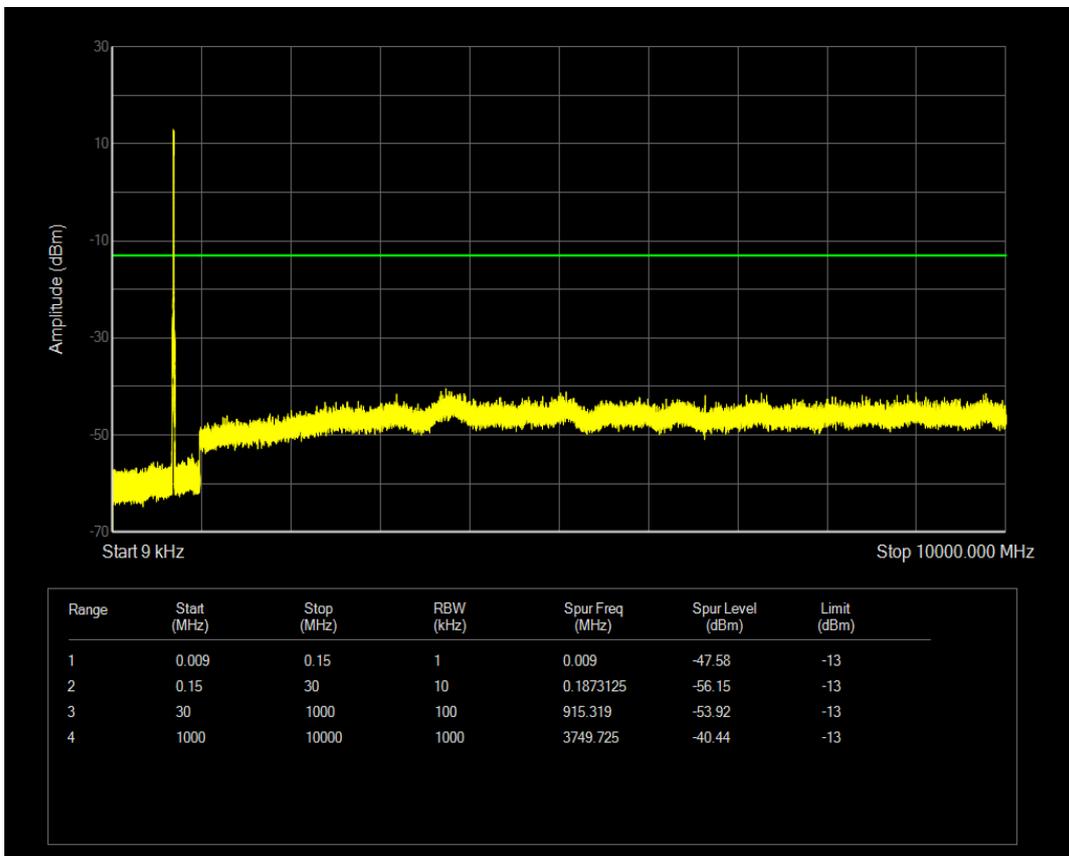
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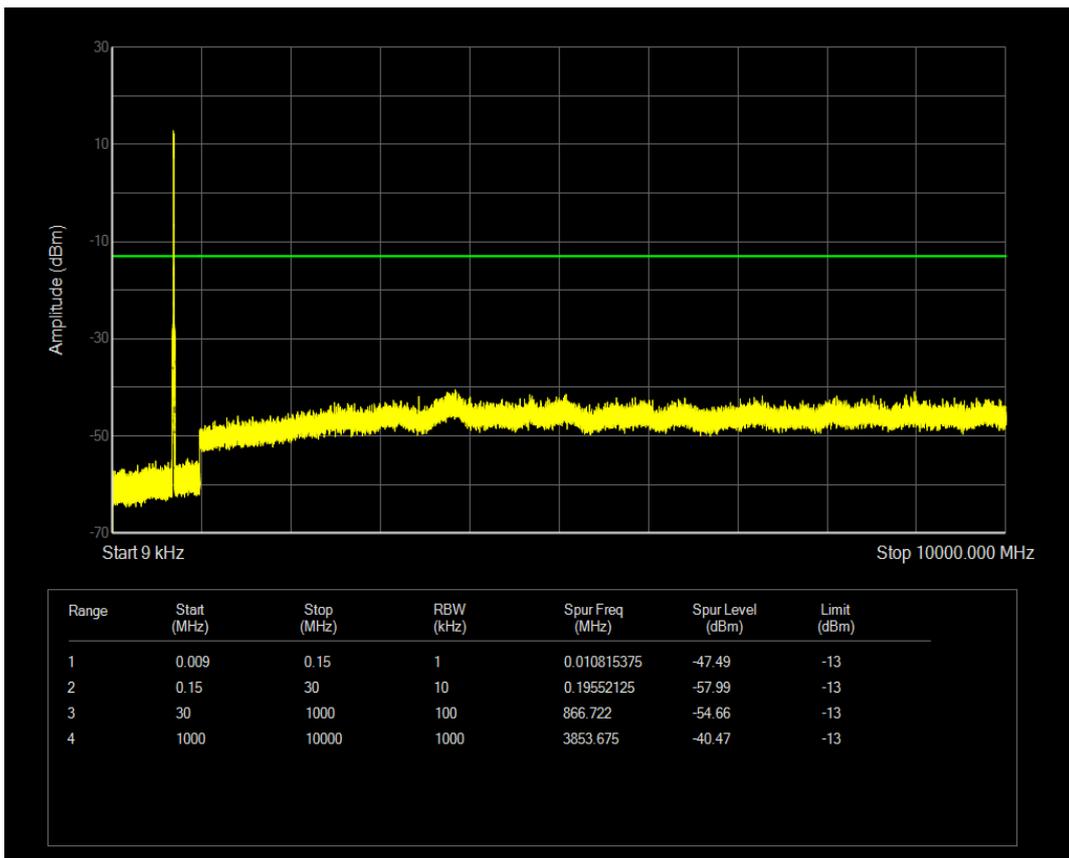
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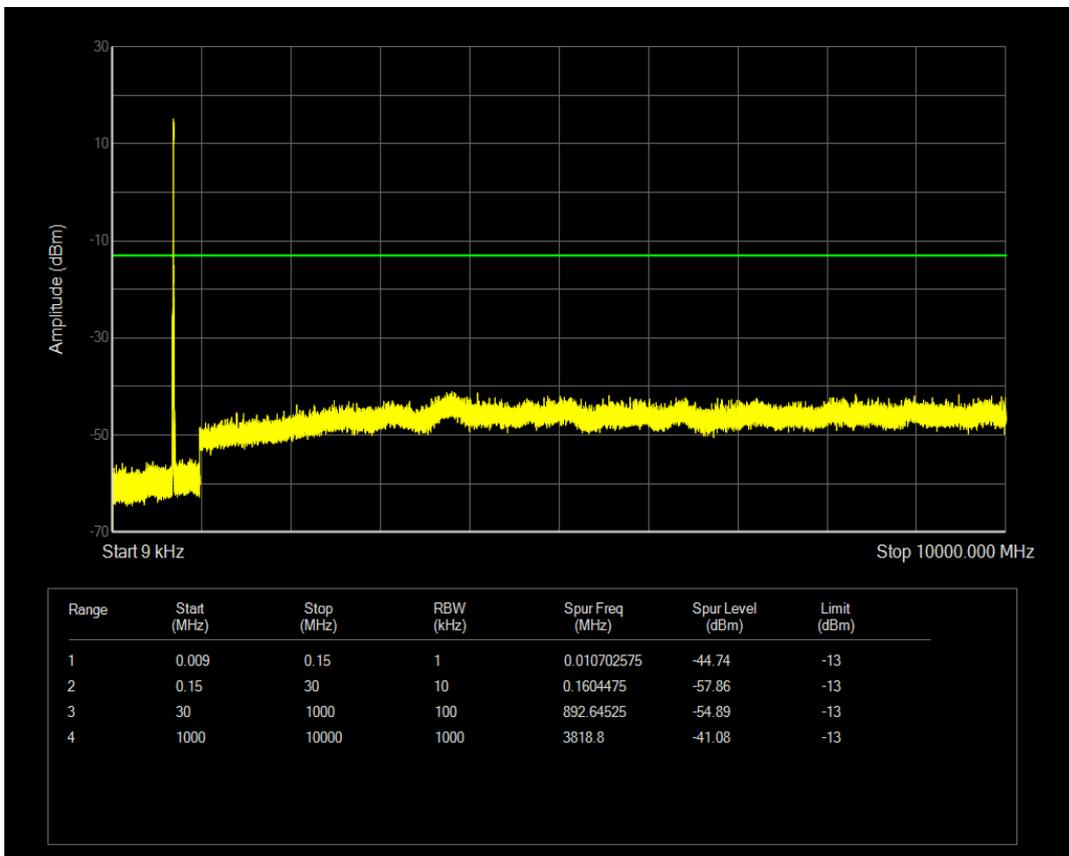
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Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



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



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

