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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	21.82	-6.9	-9.05	12.77	34.77	Pass
Band17	5	23755	1	#Mid	QPSK	21.6	-6.9	-9.05	12.55	34.77	Pass
Band17	5	23755	1	#Max	QPSK	21.78	-6.9	-9.05	12.73	34.77	Pass
Band17	5	23755	12	#0	QPSK	20.69	-6.9	-9.05	11.64	34.77	Pass
Band17	5	23755	12	#Mid	QPSK	20.74	-6.9	-9.05	11.69	34.77	Pass
Band17	5	23755	12	#Max	QPSK	20.73	-6.9	-9.05	11.68	34.77	Pass
Band17	5	23755	25	#0	QPSK	20.68	-6.9	-9.05	11.63	34.77	Pass
Band17	5	23755	1	#0	QAM16	21.48	-6.9	-9.05	12.43	34.77	Pass
Band17	5	23755	1	#Mid	QAM16	21.32	-6.9	-9.05	12.27	34.77	Pass
Band17	5	23755	1	#Max	QAM16	21.42	-6.9	-9.05	12.37	34.77	Pass
Band17	5	23755	12	#0	QAM16	19.67	-6.9	-9.05	10.62	34.77	Pass
Band17	5	23755	12	#Mid	QAM16	19.72	-6.9	-9.05	10.67	34.77	Pass
Band17	5	23755	12	#Max	QAM16	19.71	-6.9	-9.05	10.66	34.77	Pass
Band17	5	23755	25	#0	QAM16	19.63	-6.9	-9.05	10.58	34.77	Pass
Band17	5	23790	1	#0	QPSK	21.78	-6.9	-9.05	12.73	34.77	Pass
Band17	5	23790	1	#Mid	QPSK	21.43	-6.9	-9.05	12.38	34.77	Pass
Band17	5	23790	1	#Max	QPSK	21.67	-6.9	-9.05	12.62	34.77	Pass
Band17	5	23790	12	#0	QPSK	20.64	-6.9	-9.05	11.59	34.77	Pass
Band17	5	23790	12	#Mid	QPSK	20.62	-6.9	-9.05	11.57	34.77	Pass
Band17	5	23790	12	#Max	QPSK	20.56	-6.9	-9.05	11.51	34.77	Pass
Band17	5	23790	25	#0	QPSK	20.59	-6.9	-9.05	11.54	34.77	Pass
Band17	5	23790	1	#0	QAM16	21.21	-6.9	-9.05	12.16	34.77	Pass
Band17	5	23790	1	#Mid	QAM16	20.9	-6.9	-9.05	11.85	34.77	Pass
Band17	5	23790	1	#Max	QAM16	21.07	-6.9	-9.05	12.02	34.77	Pass
Band17	5	23790	12	#0	QAM16	19.59	-6.9	-9.05	10.54	34.77	Pass
Band17	5	23790	12	#Mid	QAM16	19.54	-6.9	-9.05	10.49	34.77	Pass
Band17	5	23790	12	#Max	QAM16	19.51	-6.9	-9.05	10.46	34.77	Pass
Band17	5	23790	25	#0	QAM16	19.63	-6.9	-9.05	10.58	34.77	Pass
Band17	5	23825	1	#0	QPSK	21.64	-6.9	-9.05	12.59	34.77	Pass
Band17	5	23825	1	#Mid	QPSK	21.45	-6.9	-9.05	12.40	34.77	Pass
Band17	5	23825	1	#Max	QPSK	21.55	-6.9	-9.05	12.50	34.77	Pass
Band17	5	23825	12	#0	QPSK	20.57	-6.9	-9.05	11.52	34.77	Pass
Band17	5	23825	12	#Mid	QPSK	20.6	-6.9	-9.05	11.55	34.77	Pass
Band17	5	23825	12	#Max	QPSK	20.47	-6.9	-9.05	11.42	34.77	Pass
Band17	5	23825	25	#0	QPSK	20.53	-6.9	-9.05	11.48	34.77	Pass
Band17	5	23825	1	#0	QAM16	21.06	-6.9	-9.05	12.01	34.77	Pass
Band17	5	23825	1	#Mid	QAM16	20.82	-6.9	-9.05	11.77	34.77	Pass

Band17	5	23825	1	#Max	QAM16	21	-6.9	-9.05	11.95	34.77	Pass
Band17	5	23825	12	#0	QAM16	19.58	-6.9	-9.05	10.53	34.77	Pass
Band17	5	23825	12	#Mid	QAM16	19.59	-6.9	-9.05	10.54	34.77	Pass
Band17	5	23825	12	#Max	QAM16	19.46	-6.9	-9.05	10.41	34.77	Pass
Band17	5	23825	25	#0	QAM16	19.47	-6.9	-9.05	10.42	34.77	Pass
Band17	10	23780	1	#0	QPSK	21.75	-6.9	-9.05	12.70	34.77	Pass
Band17	10	23780	1	#Mid	QPSK	21.65	-6.9	-9.05	12.60	34.77	Pass
Band17	10	23780	1	#Max	QPSK	21.62	-6.9	-9.05	12.57	34.77	Pass
Band17	10	23780	25	#0	QPSK	20.61	-6.9	-9.05	11.56	34.77	Pass
Band17	10	23780	25	#Mid	QPSK	20.68	-6.9	-9.05	11.63	34.77	Pass
Band17	10	23780	25	#Max	QPSK	20.63	-6.9	-9.05	11.58	34.77	Pass
Band17	10	23780	50	#0	QPSK	20.6	-6.9	-9.05	11.55	34.77	Pass
Band17	10	23780	1	#0	QAM16	21.31	-6.9	-9.05	12.26	34.77	Pass
Band17	10	23780	1	#Mid	QAM16	21.2	-6.9	-9.05	12.15	34.77	Pass
Band17	10	23780	1	#Max	QAM16	21.17	-6.9	-9.05	12.12	34.77	Pass
Band17	10	23780	25	#0	QAM16	19.64	-6.9	-9.05	10.59	34.77	Pass
Band17	10	23780	25	#Mid	QAM16	19.74	-6.9	-9.05	10.69	34.77	Pass
Band17	10	23780	25	#Max	QAM16	19.61	-6.9	-9.05	10.56	34.77	Pass
Band17	10	23780	50	#0	QAM16	19.6	-6.9	-9.05	10.55	34.77	Pass
Band17	10	23790	1	#0	QPSK	21.87	-6.9	-9.05	12.82	34.77	Pass
Band17	10	23790	1	#Mid	QPSK	21.67	-6.9	-9.05	12.62	34.77	Pass
Band17	10	23790	1	#Max	QPSK	21.65	-6.9	-9.05	12.60	34.77	Pass
Band17	10	23790	25	#0	QPSK	20.6	-6.9	-9.05	11.55	34.77	Pass
Band17	10	23790	25	#Mid	QPSK	20.68	-6.9	-9.05	11.63	34.77	Pass
Band17	10	23790	25	#Max	QPSK	20.59	-6.9	-9.05	11.54	34.77	Pass
Band17	10	23790	50	#0	QPSK	20.58	-6.9	-9.05	11.53	34.77	Pass
Band17	10	23790	1	#0	QAM16	21.03	-6.9	-9.05	11.98	34.77	Pass
Band17	10	23790	1	#Mid	QAM16	20.9	-6.9	-9.05	11.85	34.77	Pass
Band17	10	23790	1	#Max	QAM16	20.84	-6.9	-9.05	11.79	34.77	Pass
Band17	10	23790	25	#0	QAM16	19.63	-6.9	-9.05	10.58	34.77	Pass
Band17	10	23790	25	#Mid	QAM16	19.67	-6.9	-9.05	10.62	34.77	Pass
Band17	10	23790	25	#Max	QAM16	19.55	-6.9	-9.05	10.50	34.77	Pass
Band17	10	23790	50	#0	QAM16	19.63	-6.9	-9.05	10.58	34.77	Pass
Band17	10	23800	1	#0	QPSK	21.8	-6.9	-9.05	12.75	34.77	Pass
Band17	10	23800	1	#Mid	QPSK	21.7	-6.9	-9.05	12.65	34.77	Pass
Band17	10	23800	1	#Max	QPSK	21.63	-6.9	-9.05	12.58	34.77	Pass
Band17	10	23800	25	#0	QPSK	20.67	-6.9	-9.05	11.62	34.77	Pass
Band17	10	23800	25	#Mid	QPSK	20.65	-6.9	-9.05	11.60	34.77	Pass
Band17	10	23800	25	#Max	QPSK	20.58	-6.9	-9.05	11.53	34.77	Pass
Band17	10	23800	50	#0	QPSK	20.63	-6.9	-9.05	11.58	34.77	Pass
Band17	10	23800	1	#0	QAM16	20.7	-6.9	-9.05	11.65	34.77	Pass
Band17	10	23800	1	#Mid	QAM16	20.6	-6.9	-9.05	11.55	34.77	Pass
Band17	10	23800	1	#Max	QAM16	20.52	-6.9	-9.05	11.47	34.77	Pass
Band17	10	23800	25	#0	QAM16	19.62	-6.9	-9.05	10.57	34.77	Pass

Band17	10	23800	25	#Mid	QAM16	19.69	-6.9	-9.05	10.64	34.77	Pass
Band17	10	23800	25	#Max	QAM16	19.54	-6.9	-9.05	10.49	34.77	Pass
Band17	10	23800	50	#0	QAM16	19.56	-6.9	-9.05	10.51	34.77	Pass

2 Frequency stability

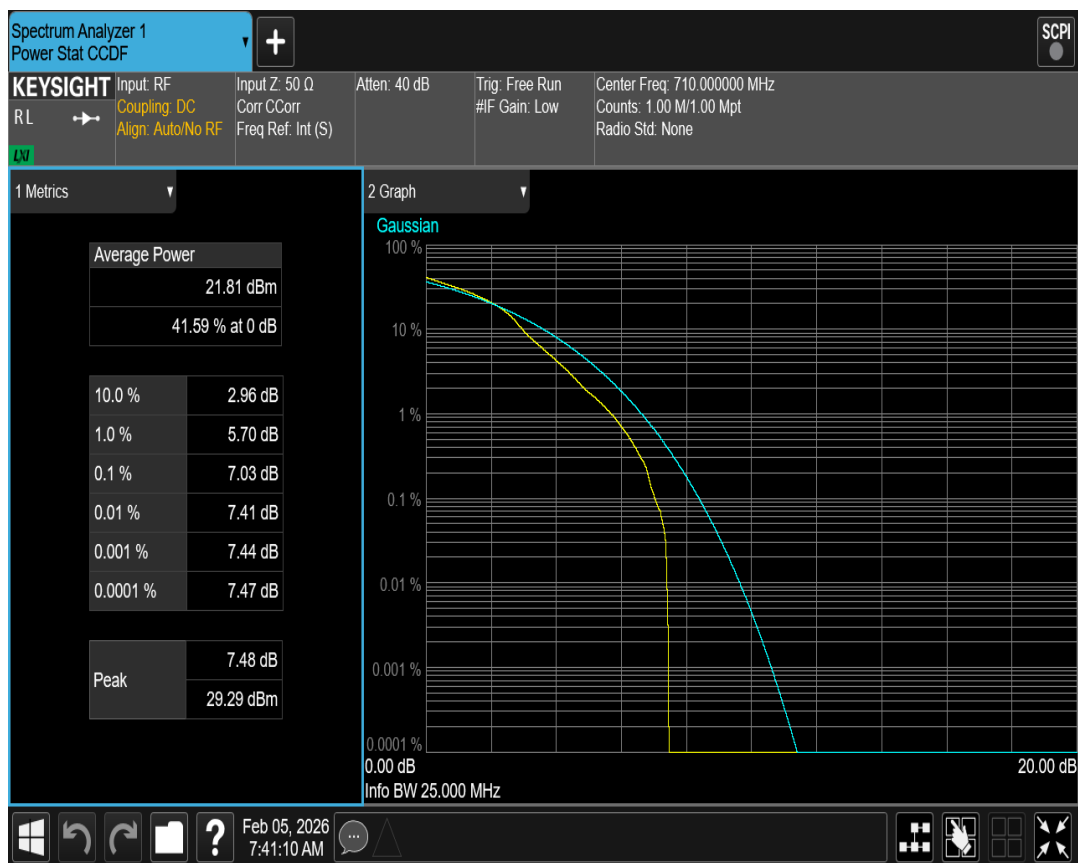
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result(Hz)</i>	<i>Result (ppm)</i>	<i>Low Limit (ppm)</i>	<i>high Limit (ppm)</i>	<i>Verdict</i>
Band17	10	23780	50	#0	QPSK	-2.11	-0.00298	-2.5	2.5	PASS
Band17	10	23780	50	#0	QAM16	-4.19	-0.00591	-2.5	2.5	PASS
Band17	10	23790	50	#0	QPSK	-3.29	-0.00463	-2.5	2.5	PASS
Band17	10	23790	50	#0	QAM16	-4.67	-0.00658	-2.5	2.5	PASS
Band17	10	23800	50	#0	QPSK	-3.84	-0.00540	-2.5	2.5	PASS
Band17	10	23800	50	#0	QAM16	-3.27	-0.00460	-2.5	2.5	PASS

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

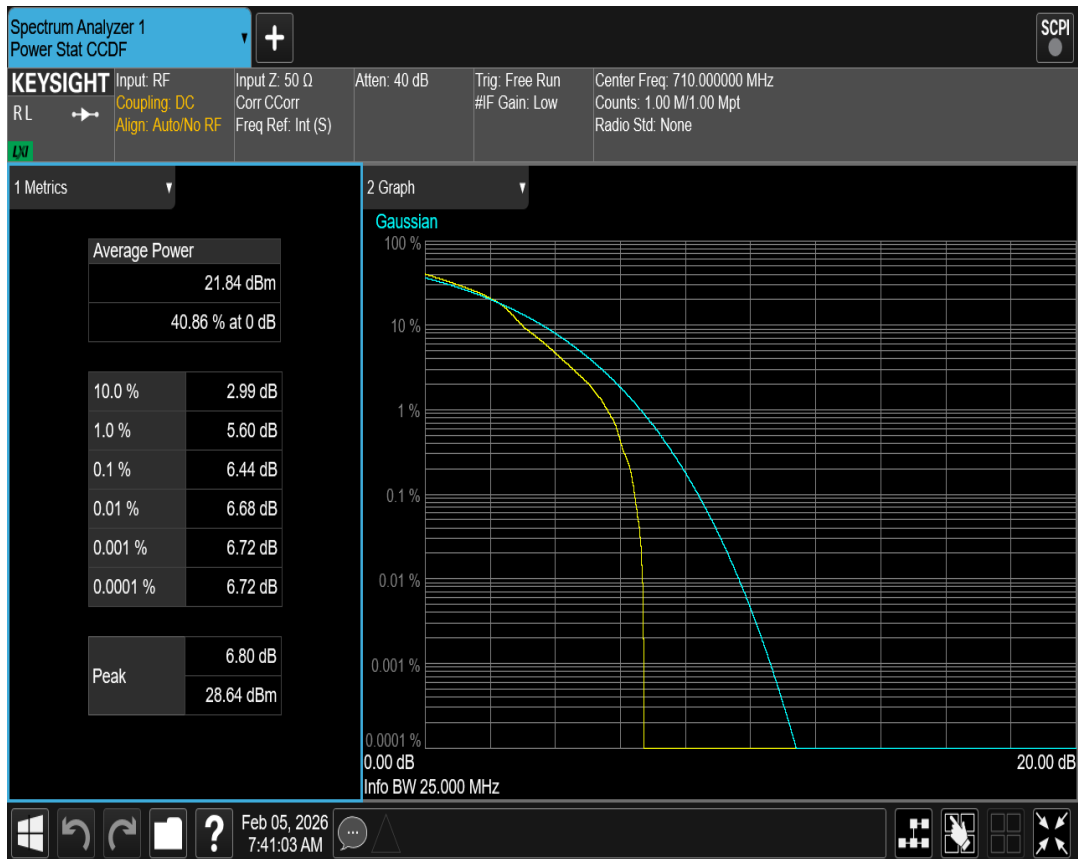
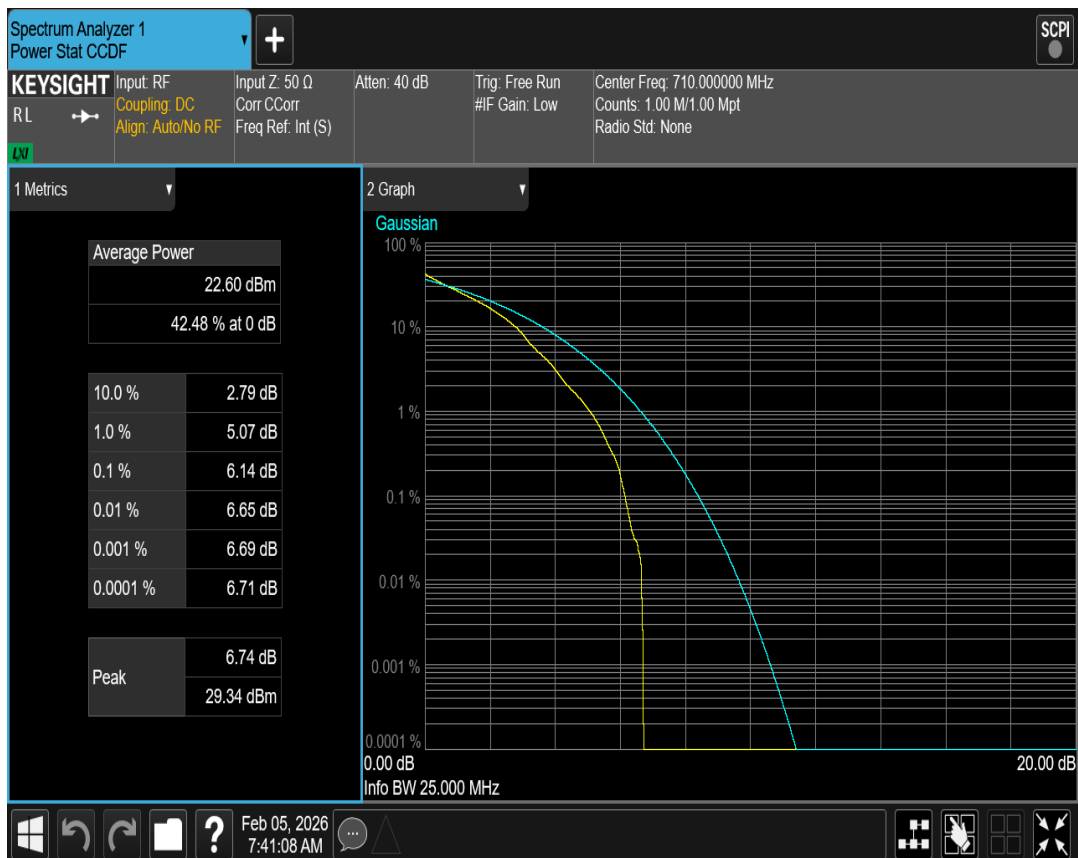
3 Peak-to-Average Ratio

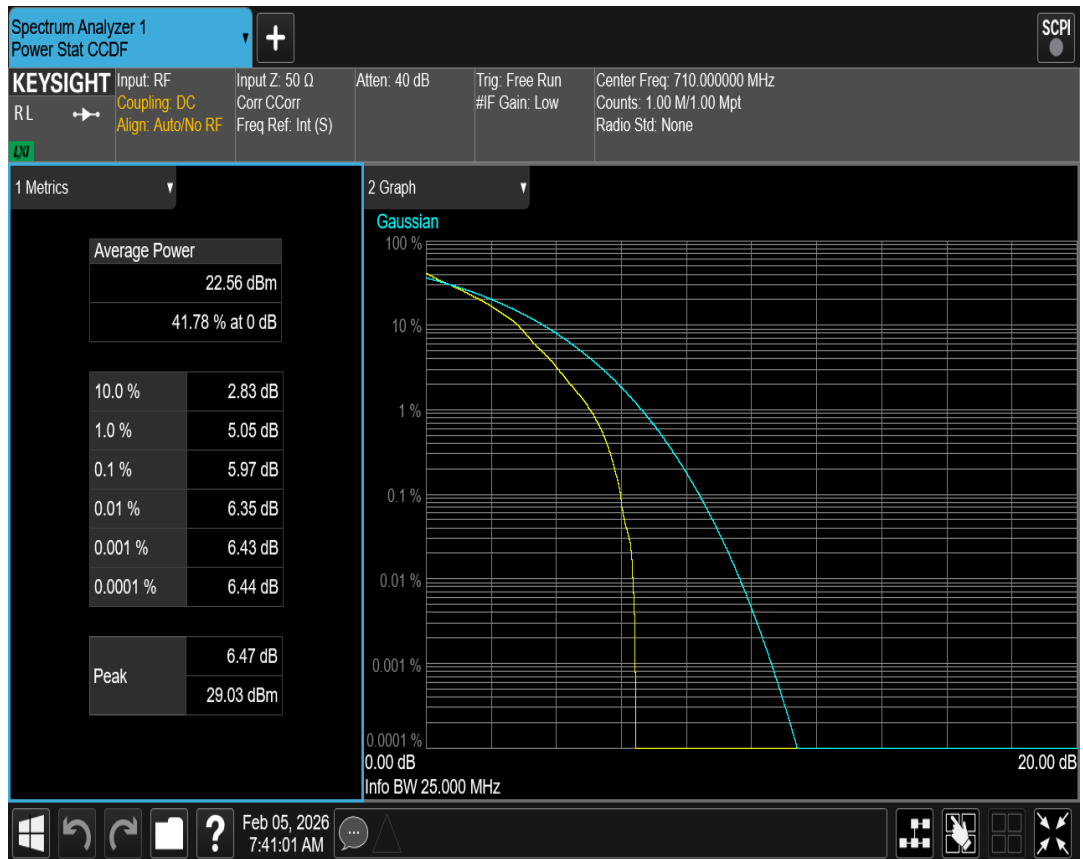
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band17	5	23790	1	#0	QPSK	5.97	13	PASS
Band17	5	23790	1	#0	QAM16	6.44	13	PASS
Band17	10	23790	1	#0	QPSK	6.14	13	PASS
Band17	10	23790	1	#0	QAM16	7.03	13	PASS

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



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

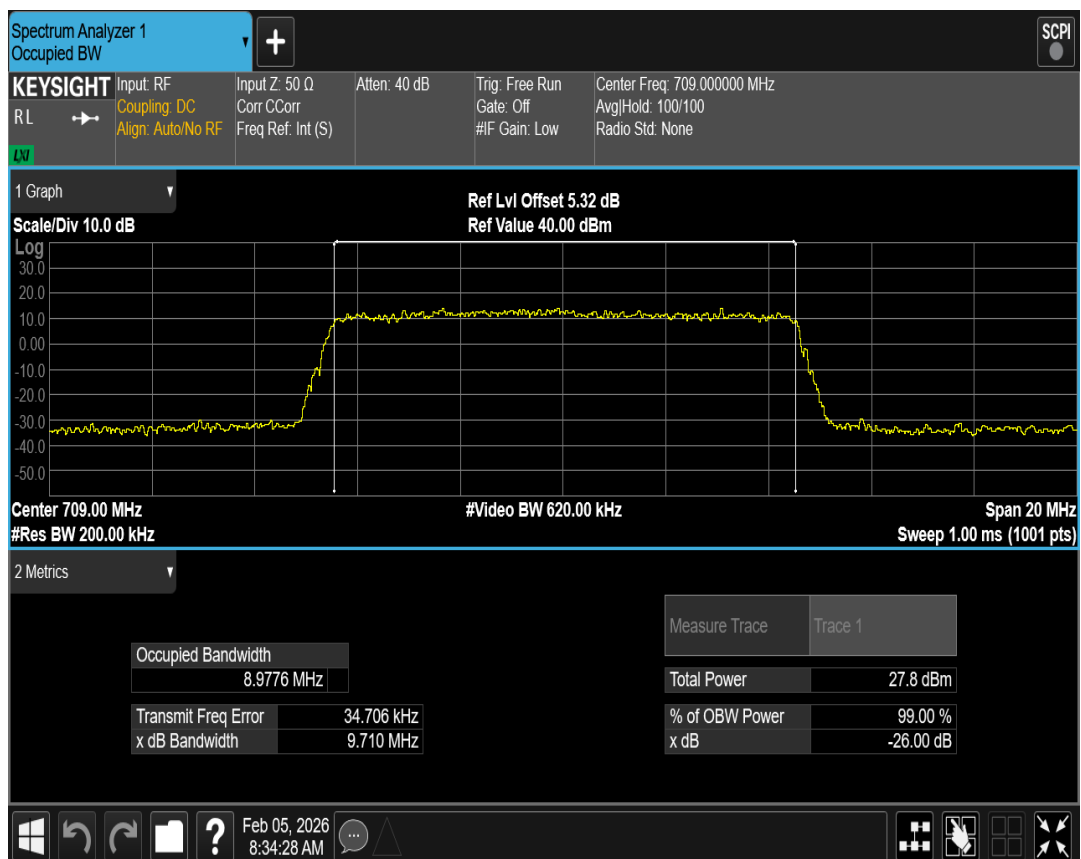
**Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0****Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0**



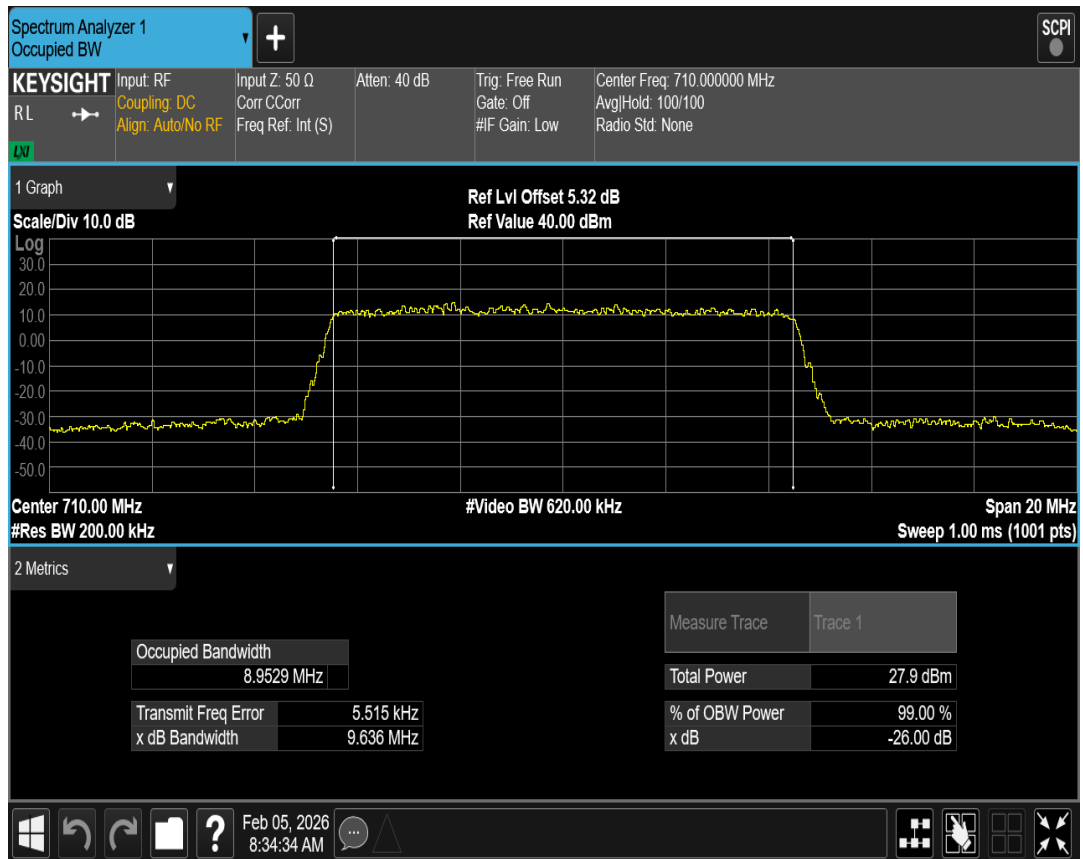
4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band17	5	23755	25	#0	QPSK	4.523	4.895	PASS
Band17	5	23755	25	#0	QAM16	4.517	4.864	PASS
Band17	5	23790	25	#0	QPSK	4.508	4.835	PASS
Band17	5	23790	25	#0	QAM16	4.515	4.879	PASS
Band17	5	23825	25	#0	QPSK	4.514	4.954	PASS
Band17	5	23825	25	#0	QAM16	4.497	4.863	PASS
Band17	10	23780	50	#0	QPSK	8.964	9.643	PASS
Band17	10	23780	50	#0	QAM16	8.978	9.710	PASS
Band17	10	23790	50	#0	QPSK	8.949	9.610	PASS
Band17	10	23790	50	#0	QAM16	8.953	9.636	PASS
Band17	10	23800	50	#0	QPSK	8.997	9.653	PASS
Band17	10	23800	50	#0	QAM16	8.980	9.603	PASS

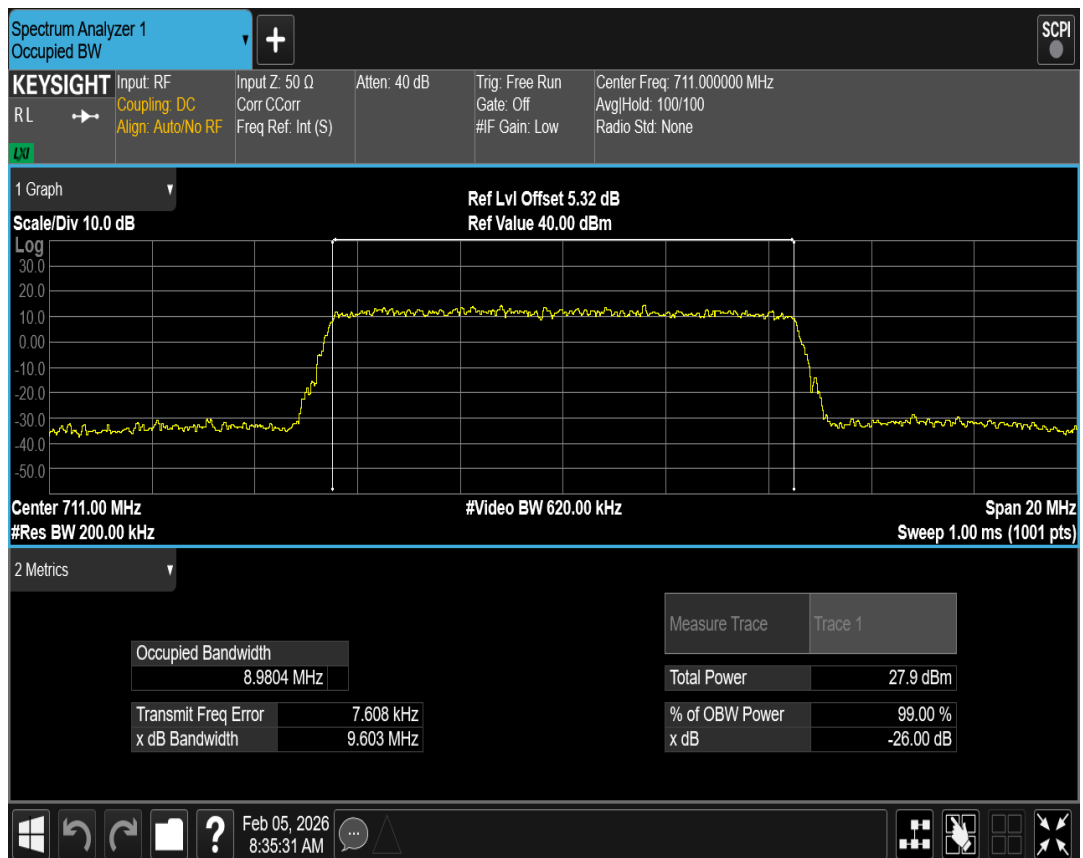
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



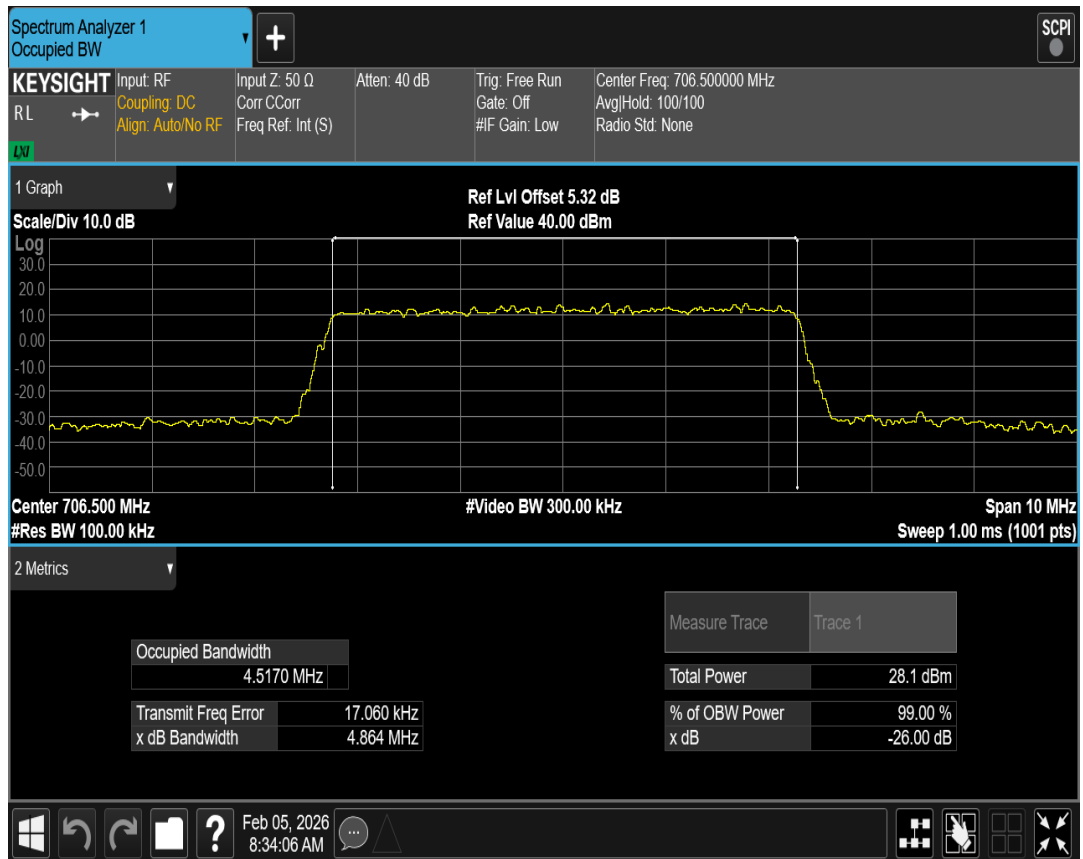
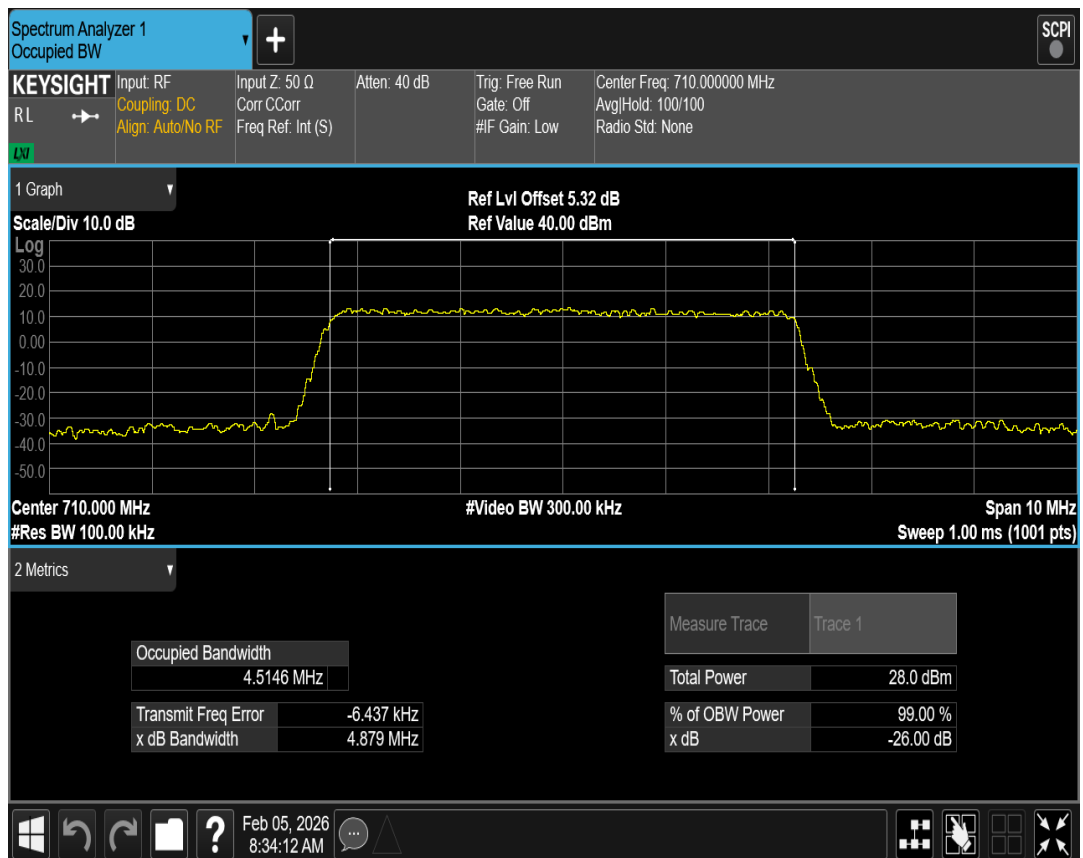
Band17 QAM16 BW=10MHz Channel=23790 RB Size=50 Position=#0

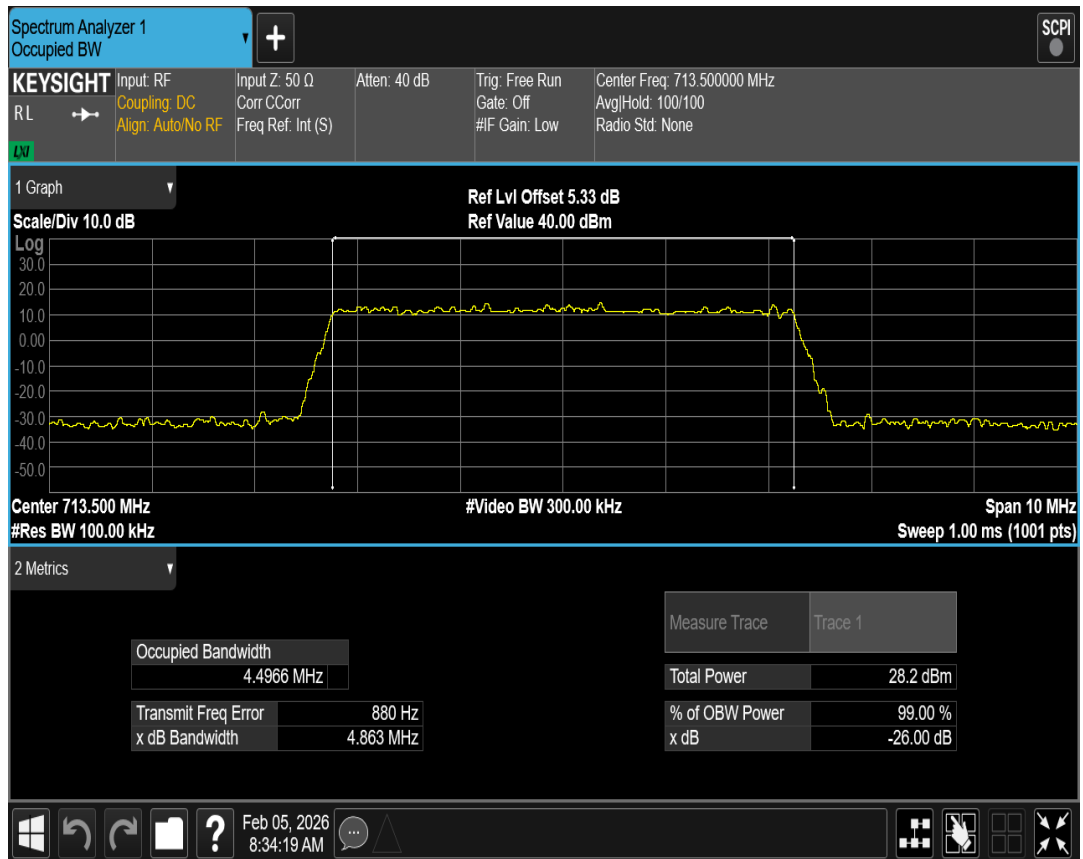


Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0

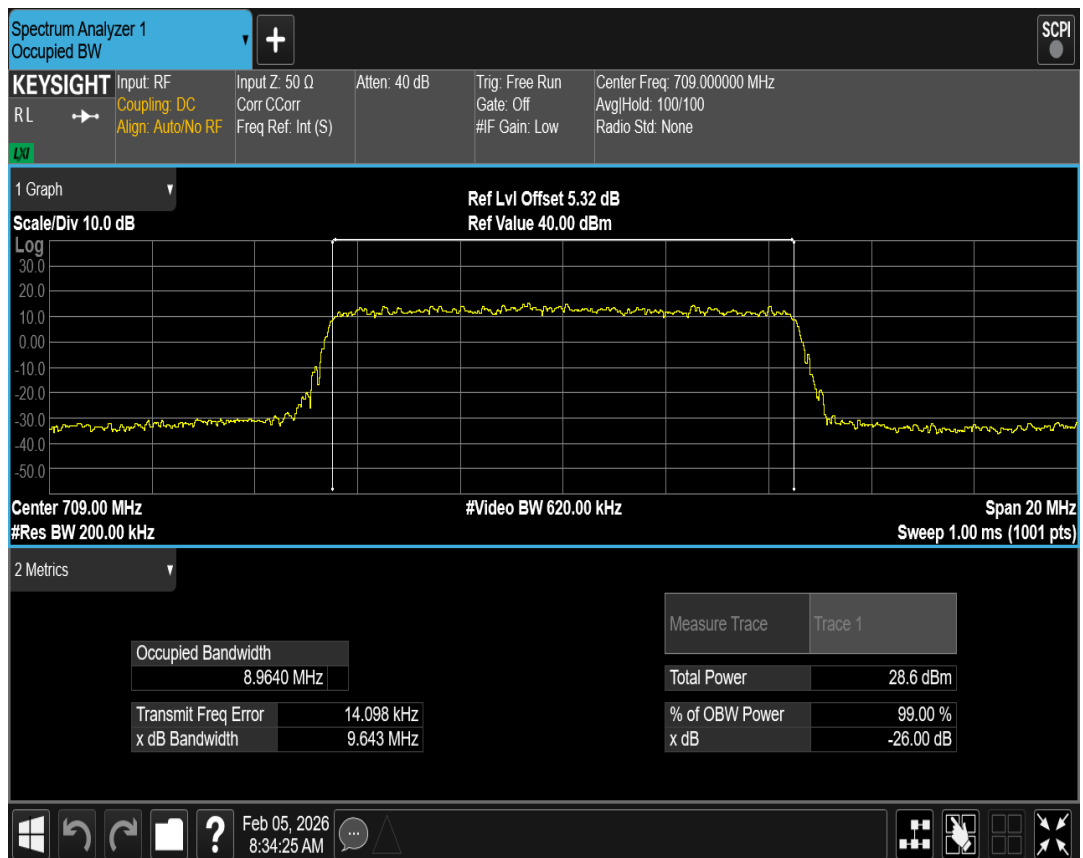


Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0

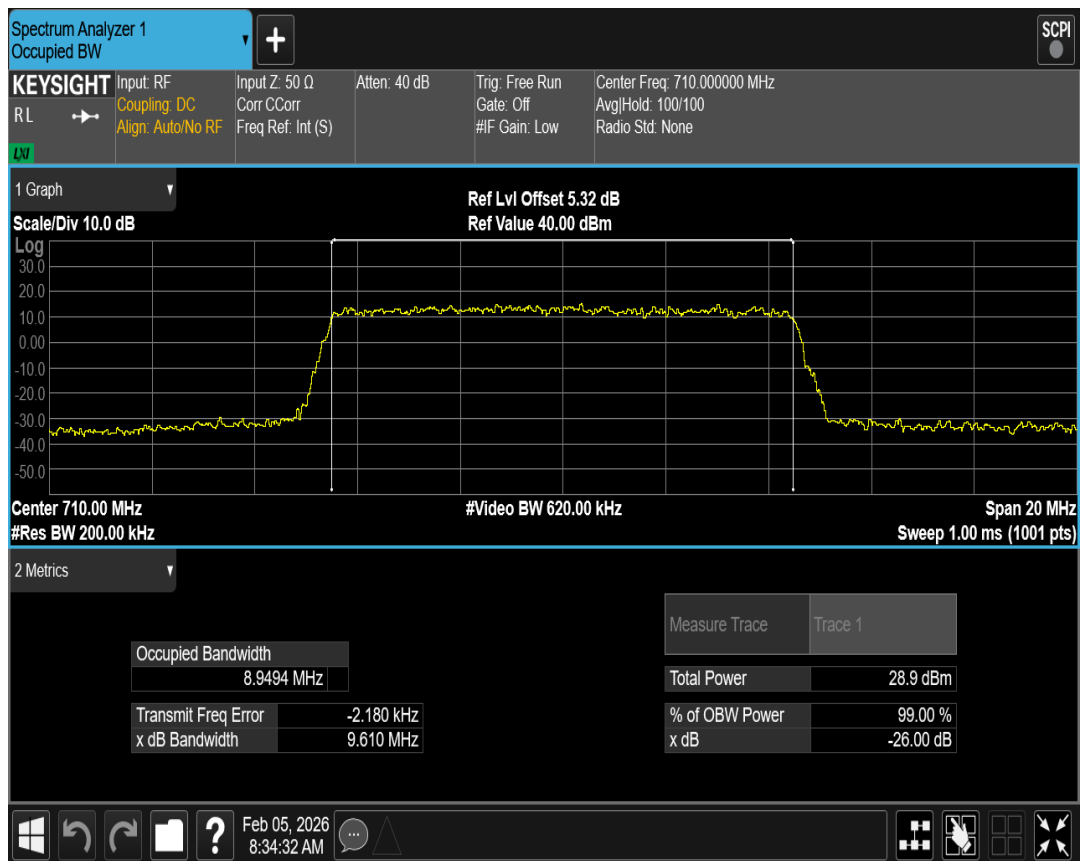
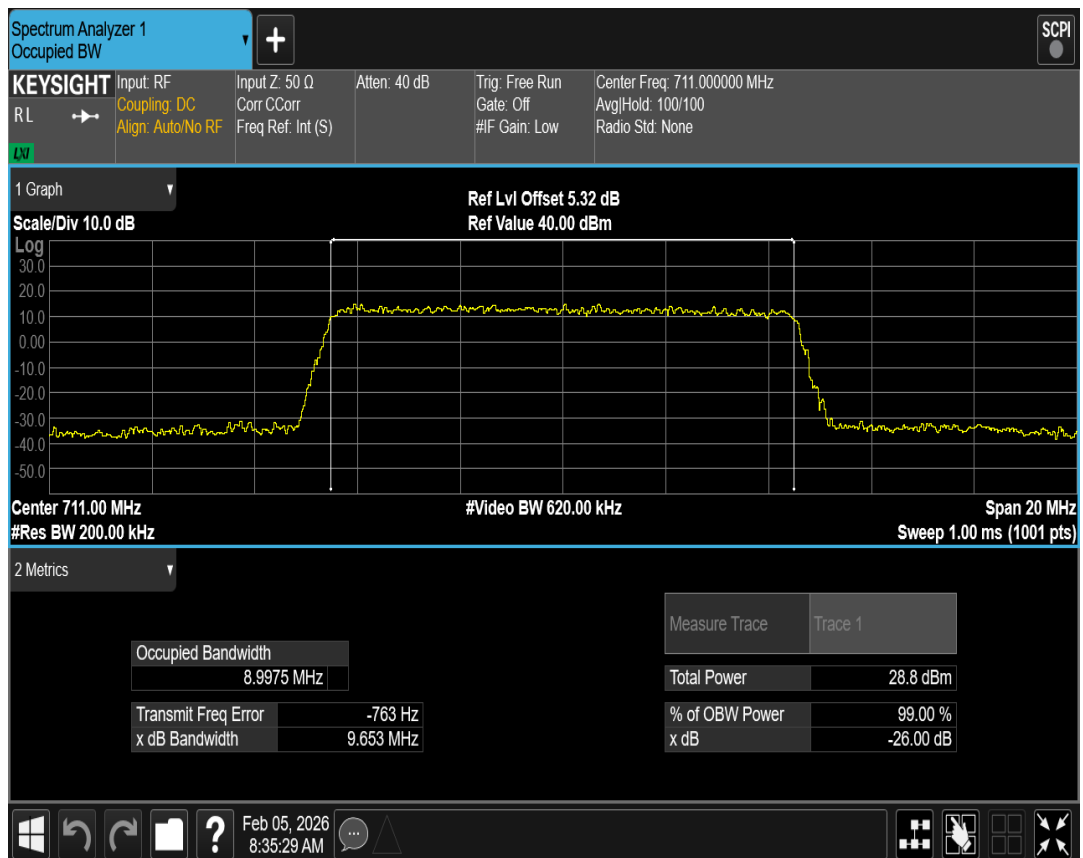
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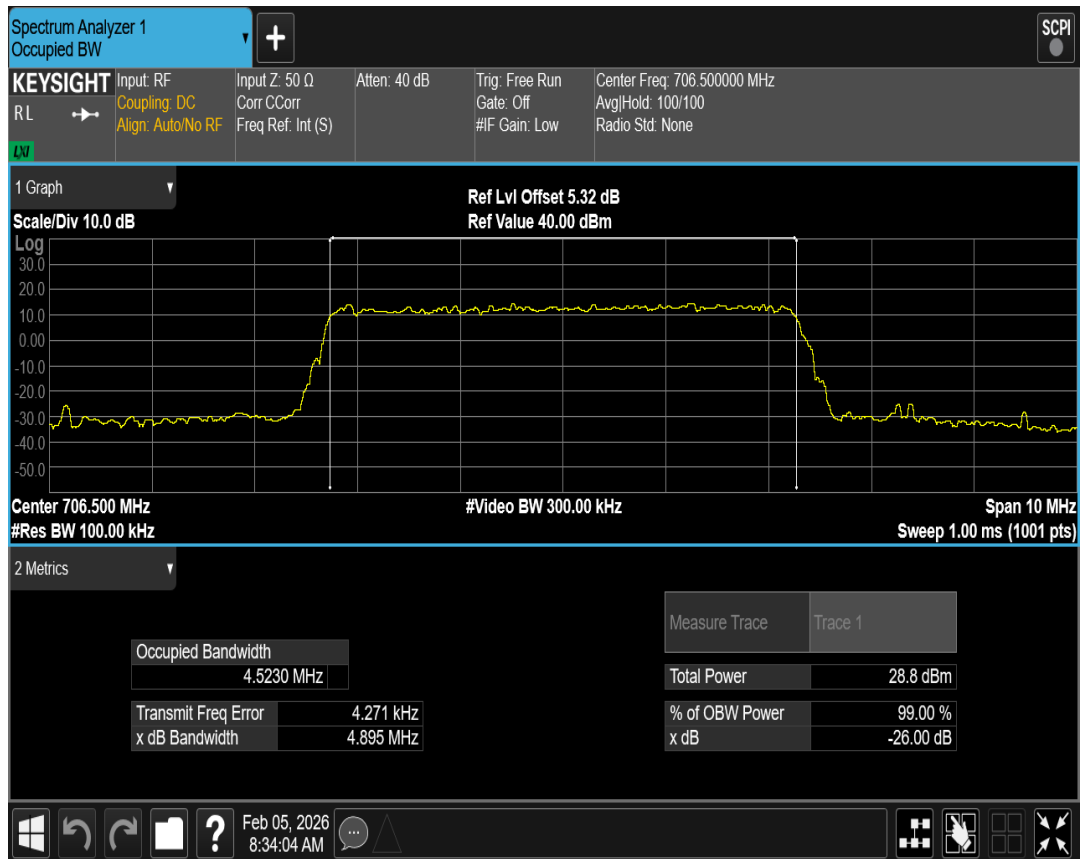


Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0

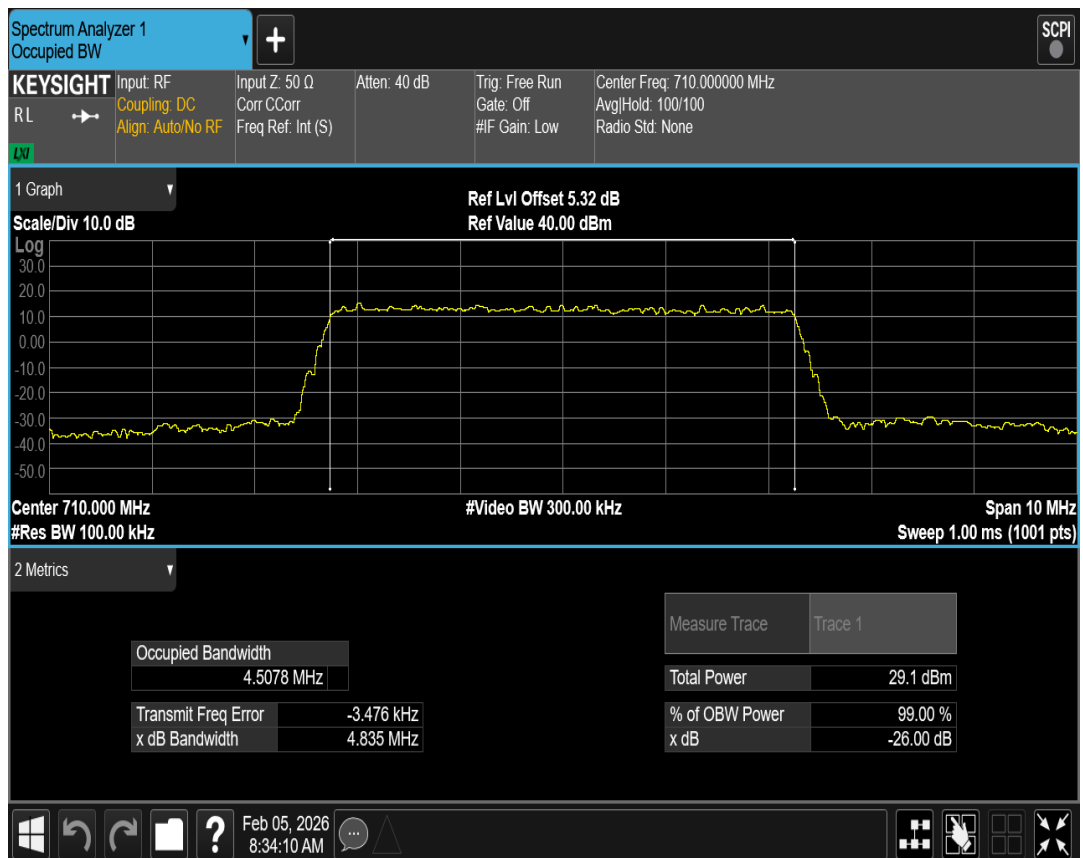


Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0

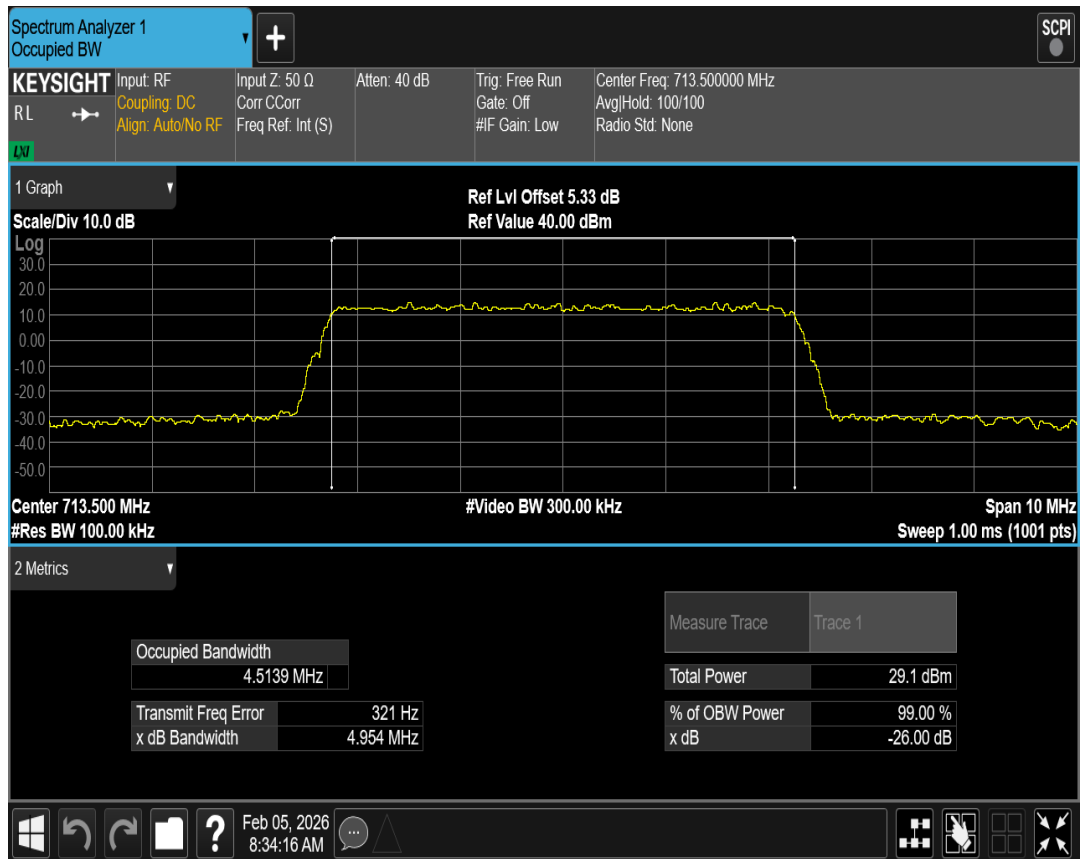
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Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



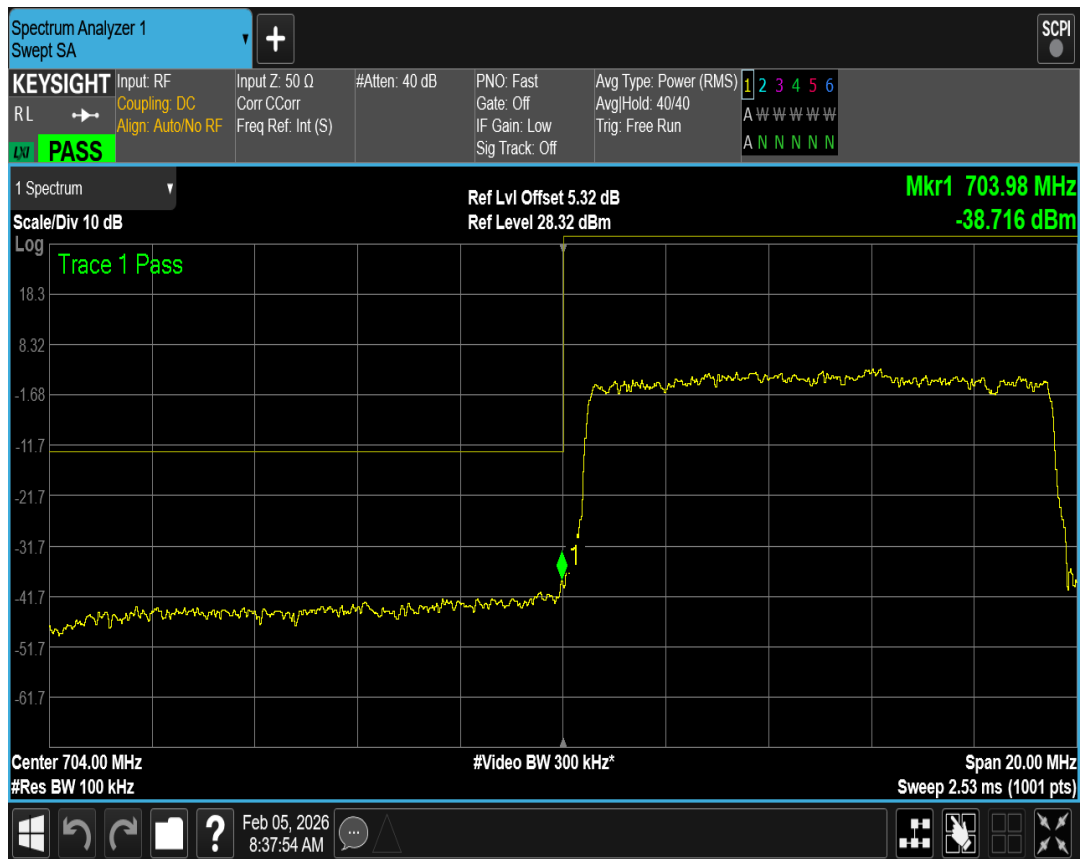
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



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	-35.55	-13	PASS
Band17	5	23755	25	#0	QAM16	704.00	-36.27	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-37.15	-13	PASS
Band17	5	23825	25	#0	QAM16	716.00	-39.06	-13	PASS
Band17	10	23780	50	#0	QPSK	704.00	-37.03	-13	PASS
Band17	10	23780	50	#0	QAM16	703.98	-38.71	-13	PASS
Band17	10	23800	50	#0	QPSK	716.00	-38.14	-13	PASS
Band17	10	23800	50	#0	QAM16	716.00	-40.03	-13	PASS

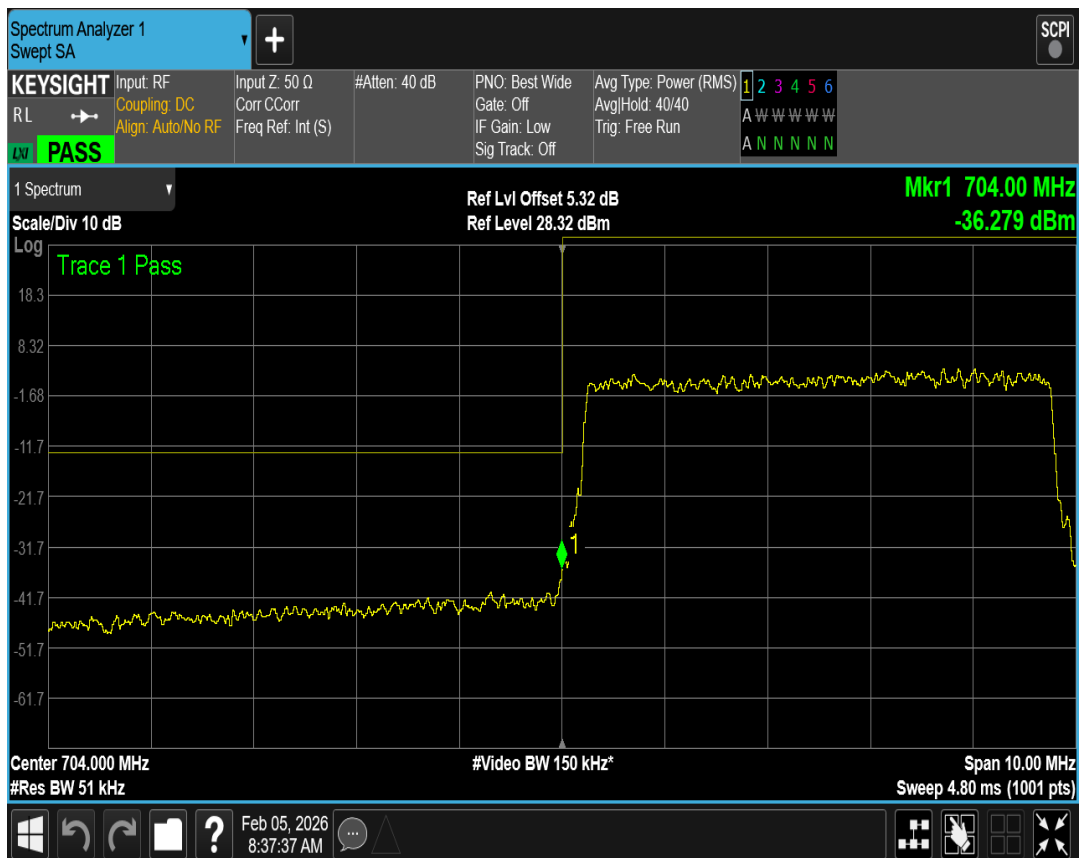
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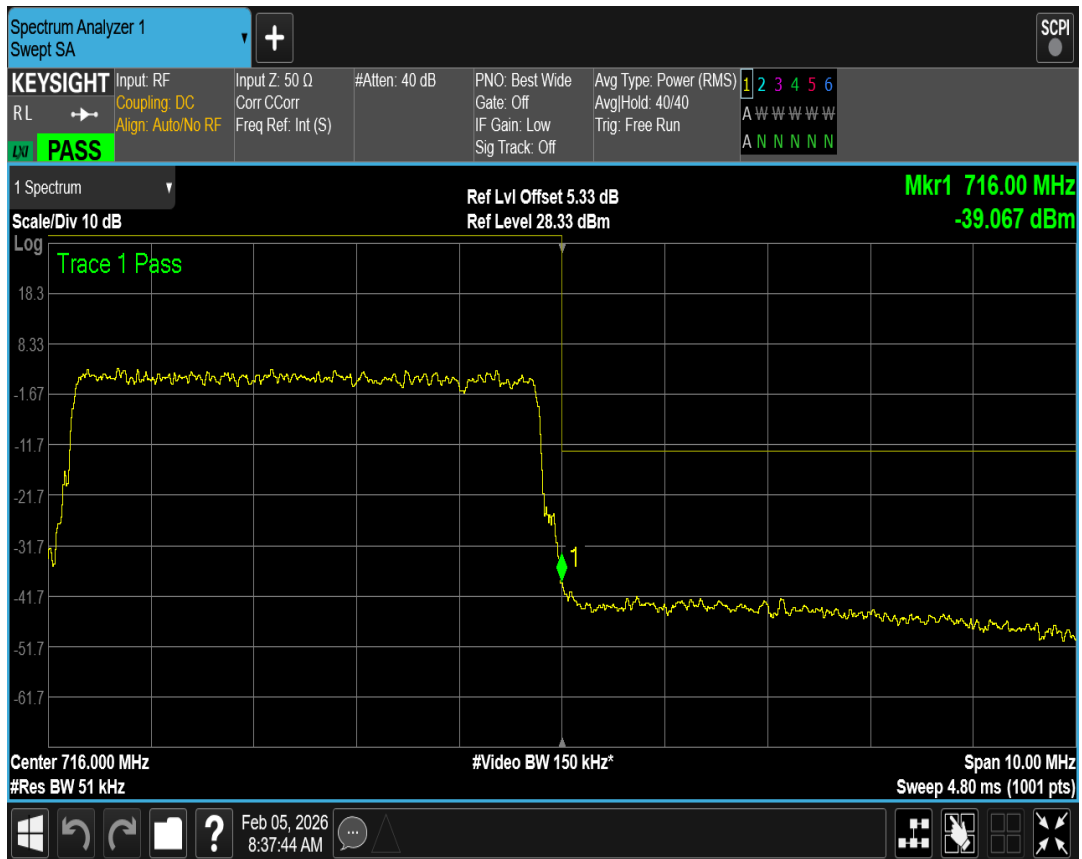
Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0



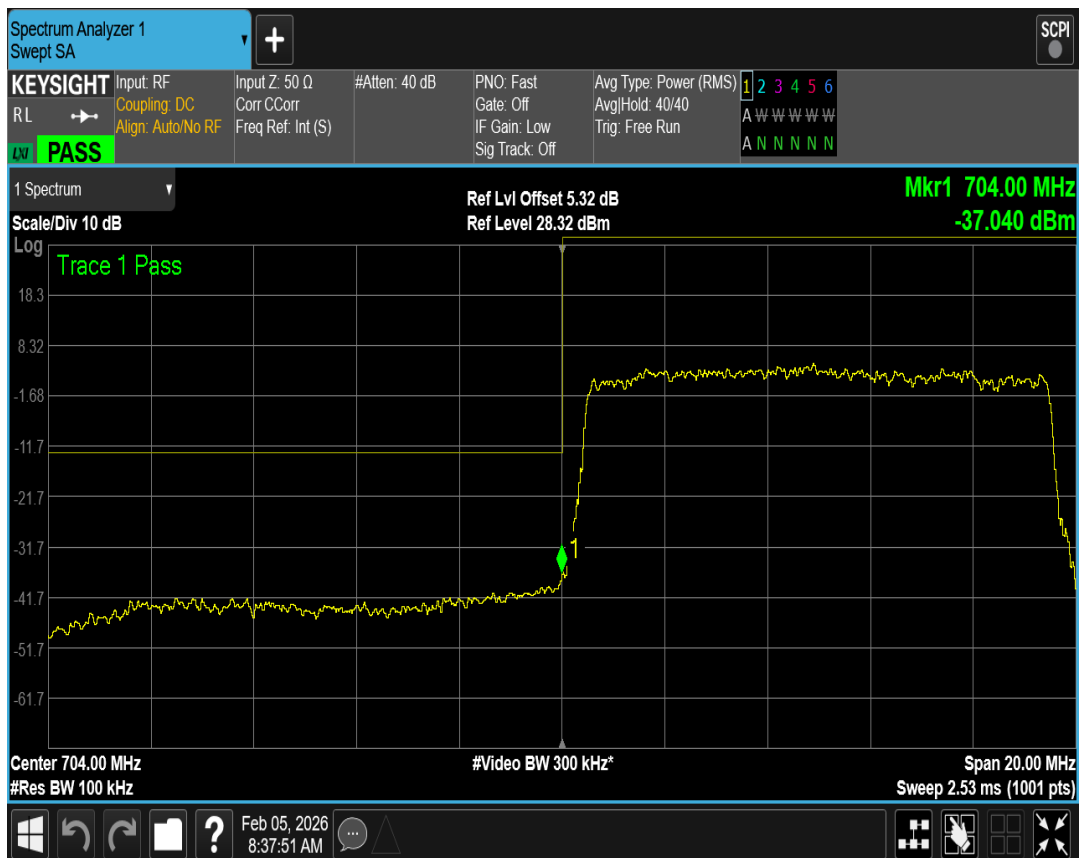
Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



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



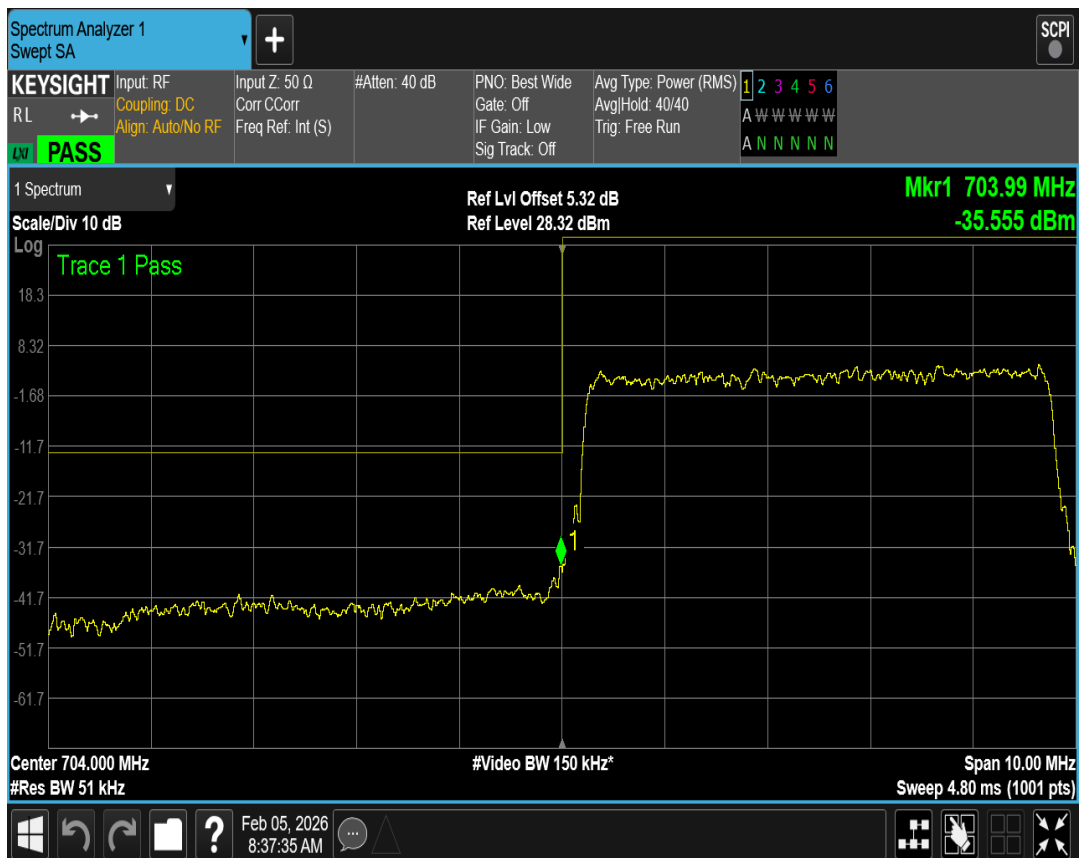
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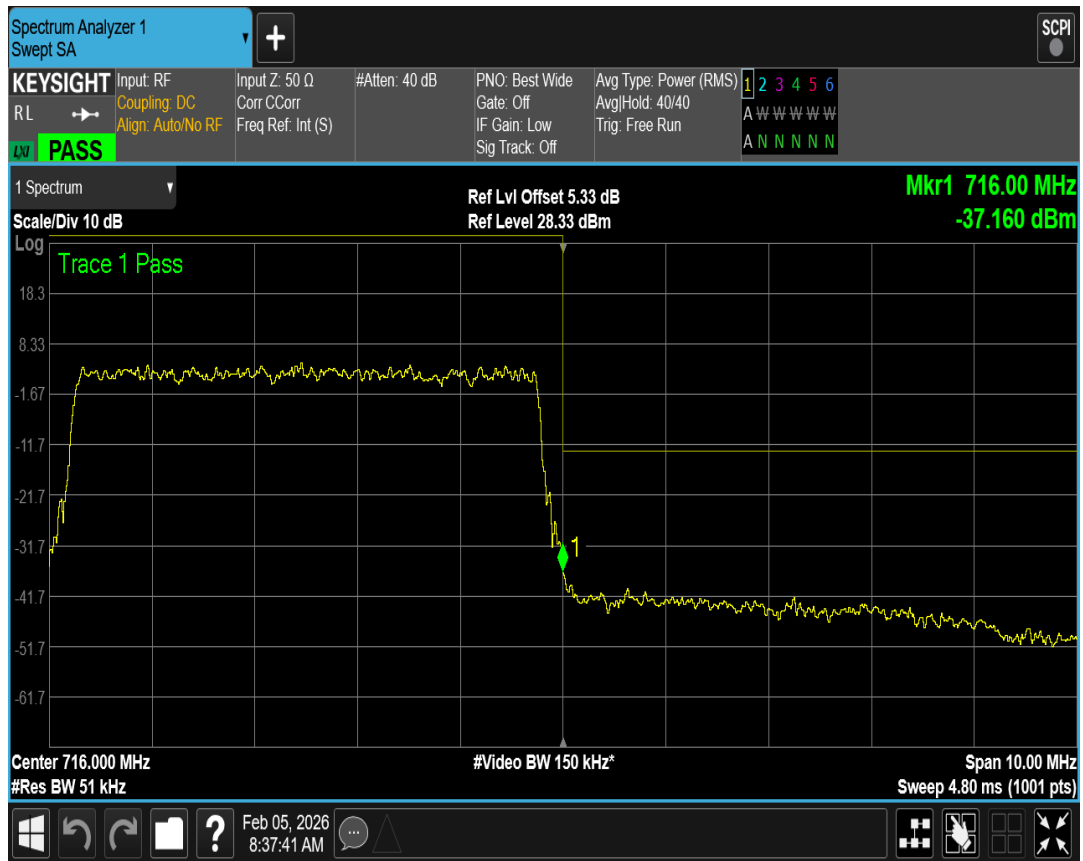
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Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



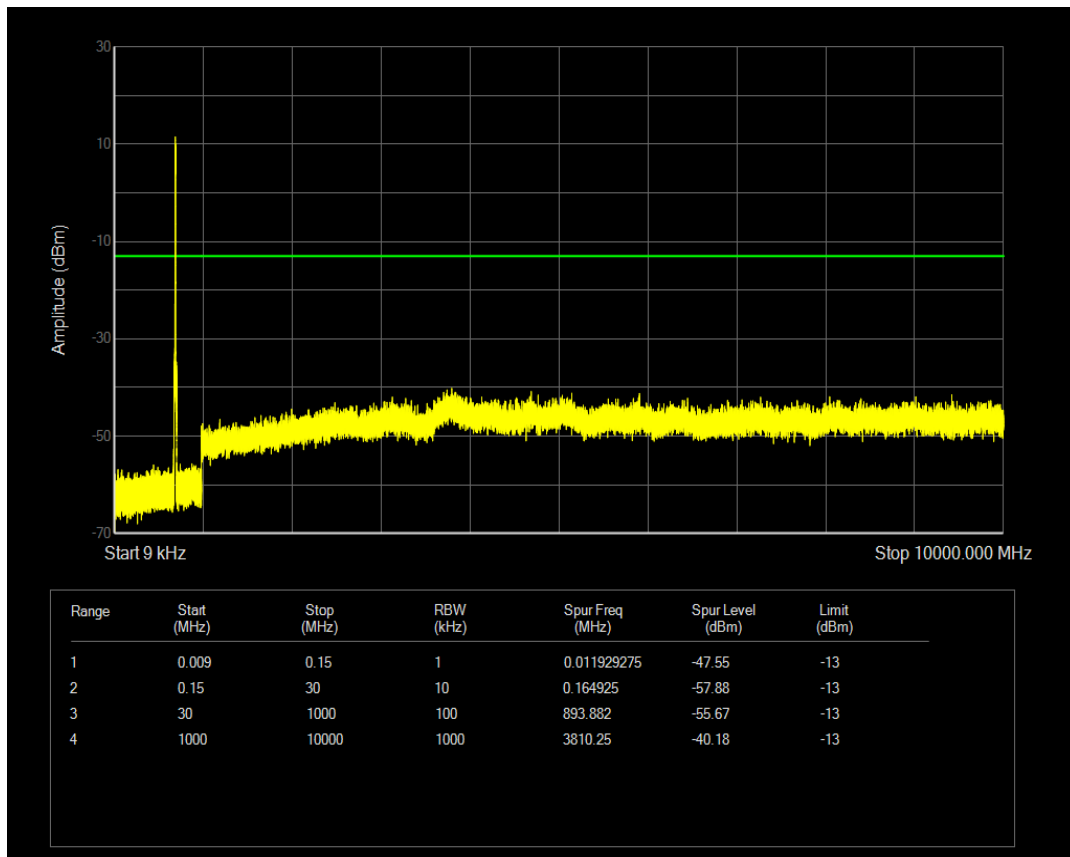
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



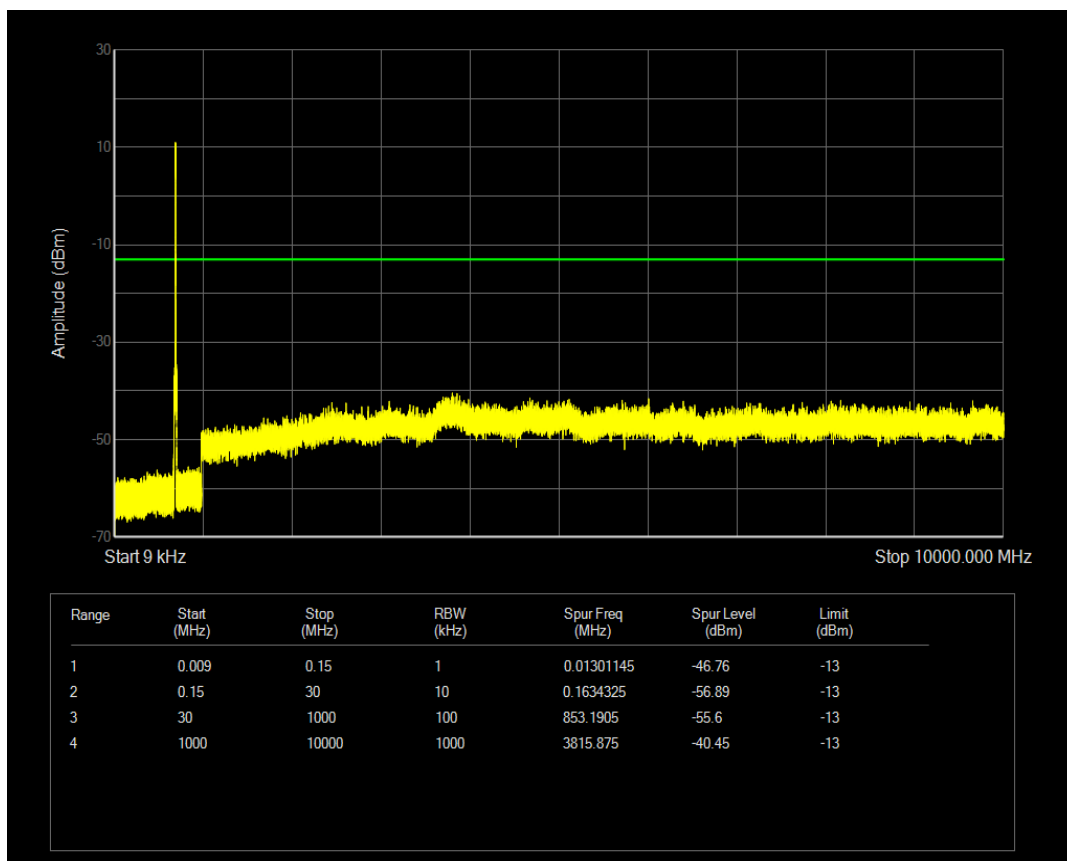
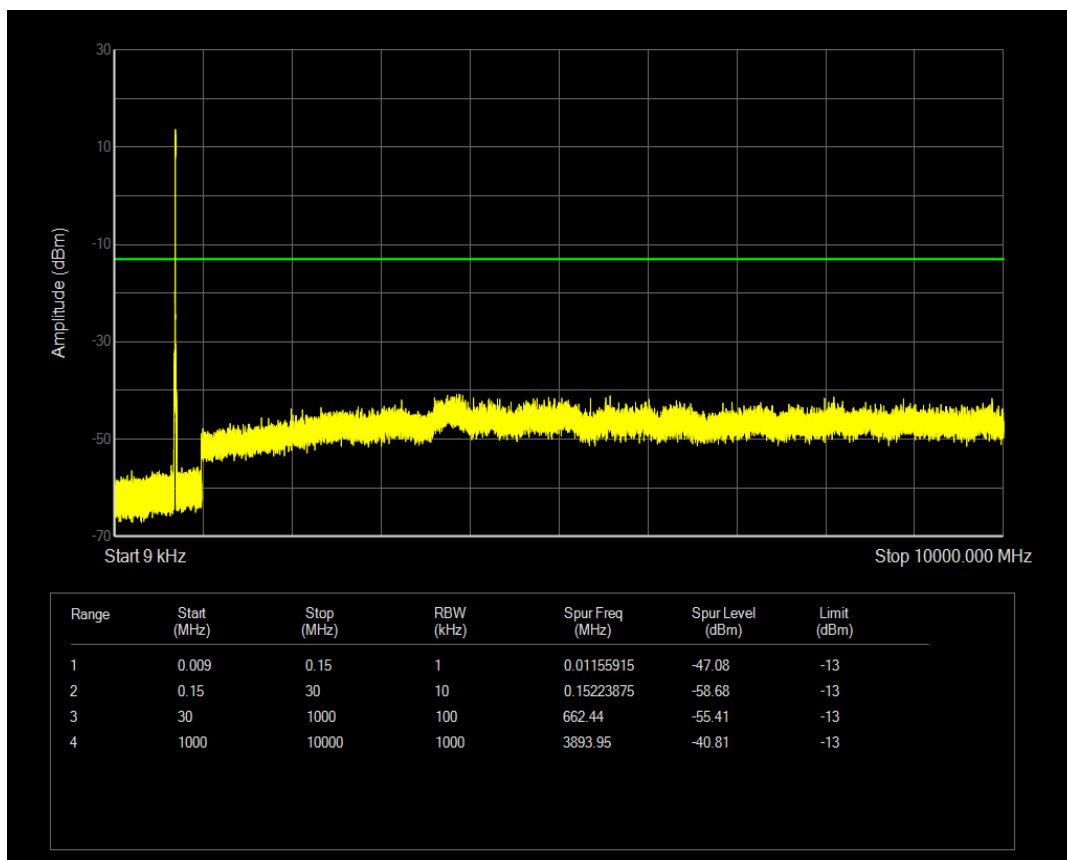
6 Out-of-band emissions

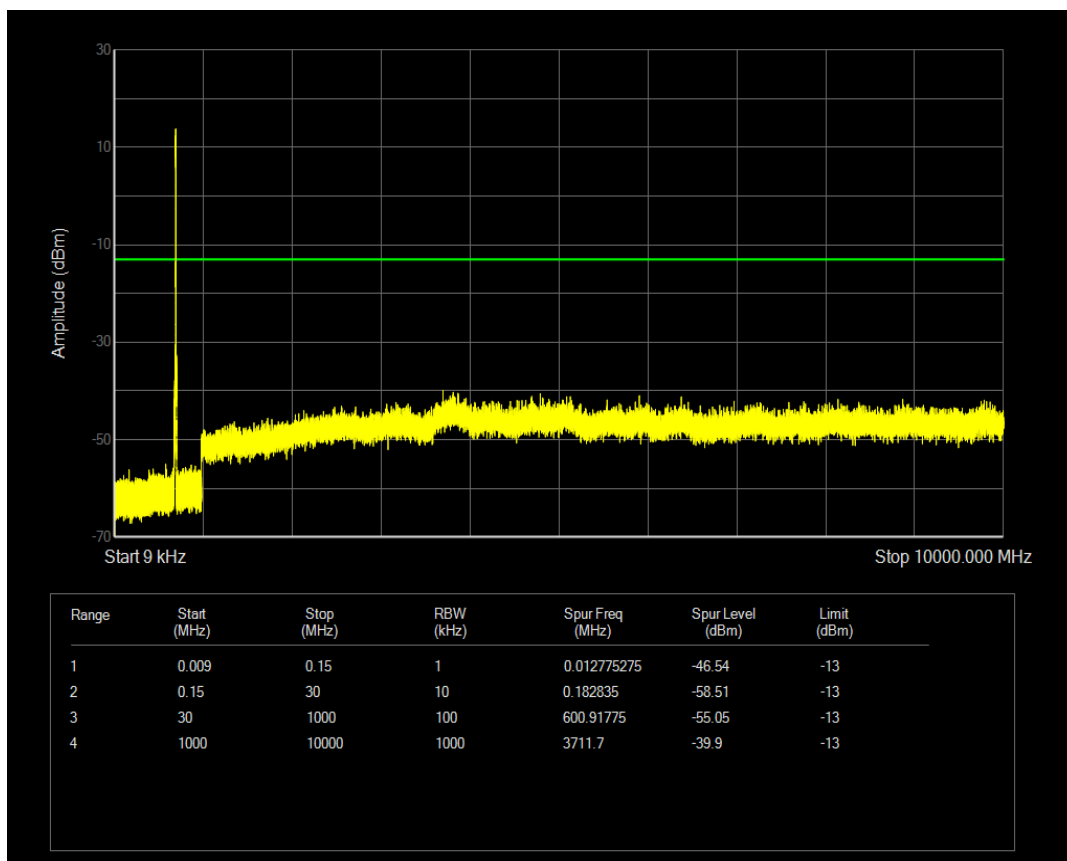
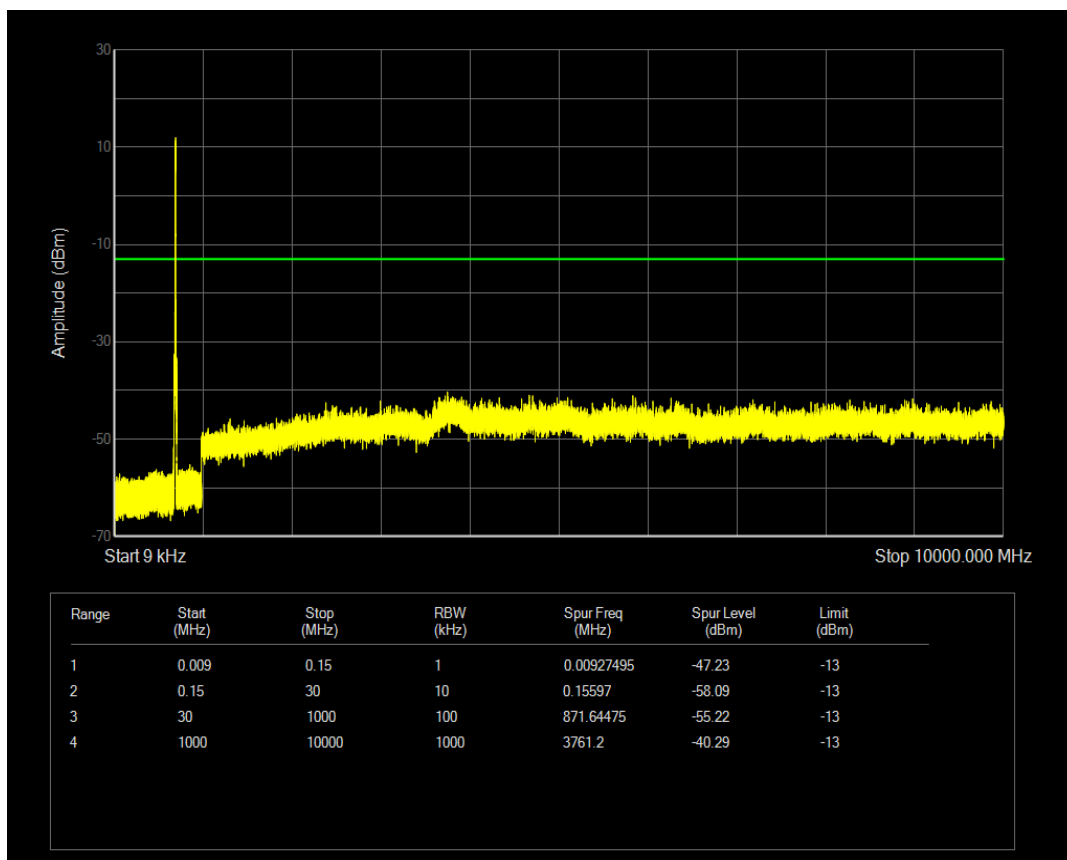
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band17	5	23755	25	#0	QPSK	3788.20	-40.53	-13	PASS
Band17	5	23755	25	#0	QAM16	3893.95	-40.81	-13	PASS
Band17	5	23825	25	#0	QPSK	3768.18	-41.14	-13	PASS
Band17	5	23825	25	#0	QAM16	3711.70	-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

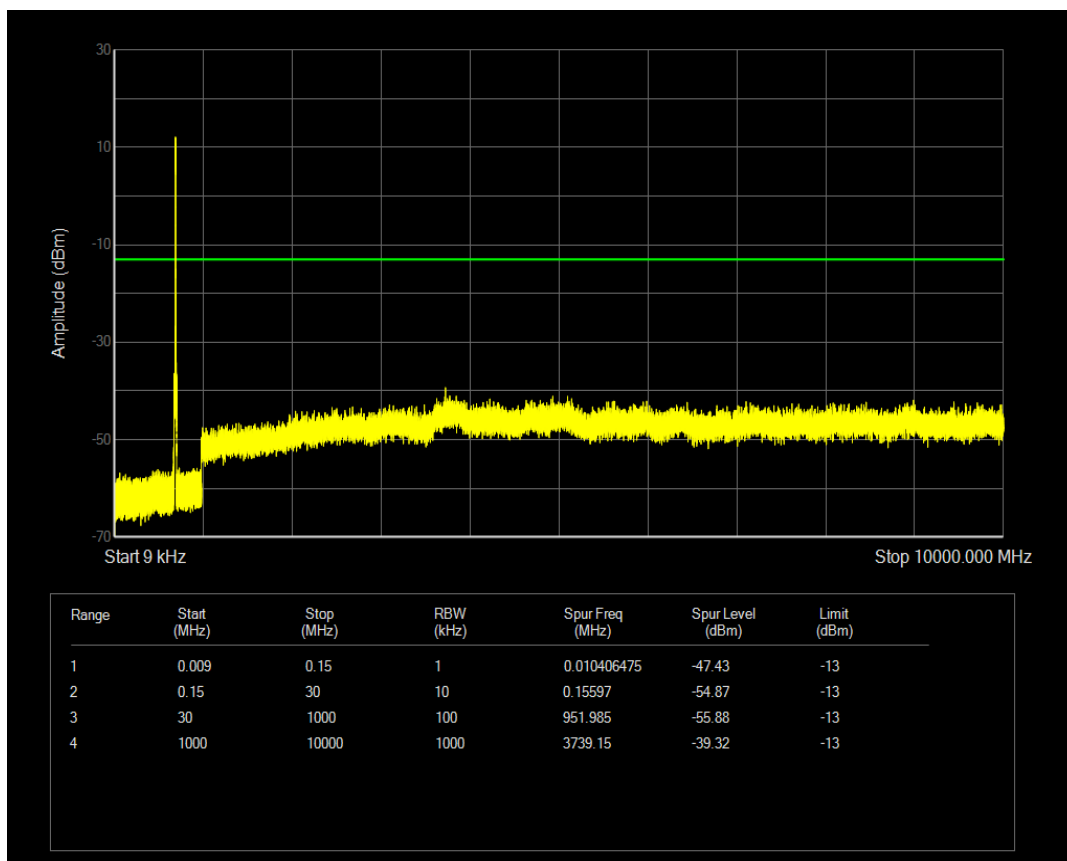
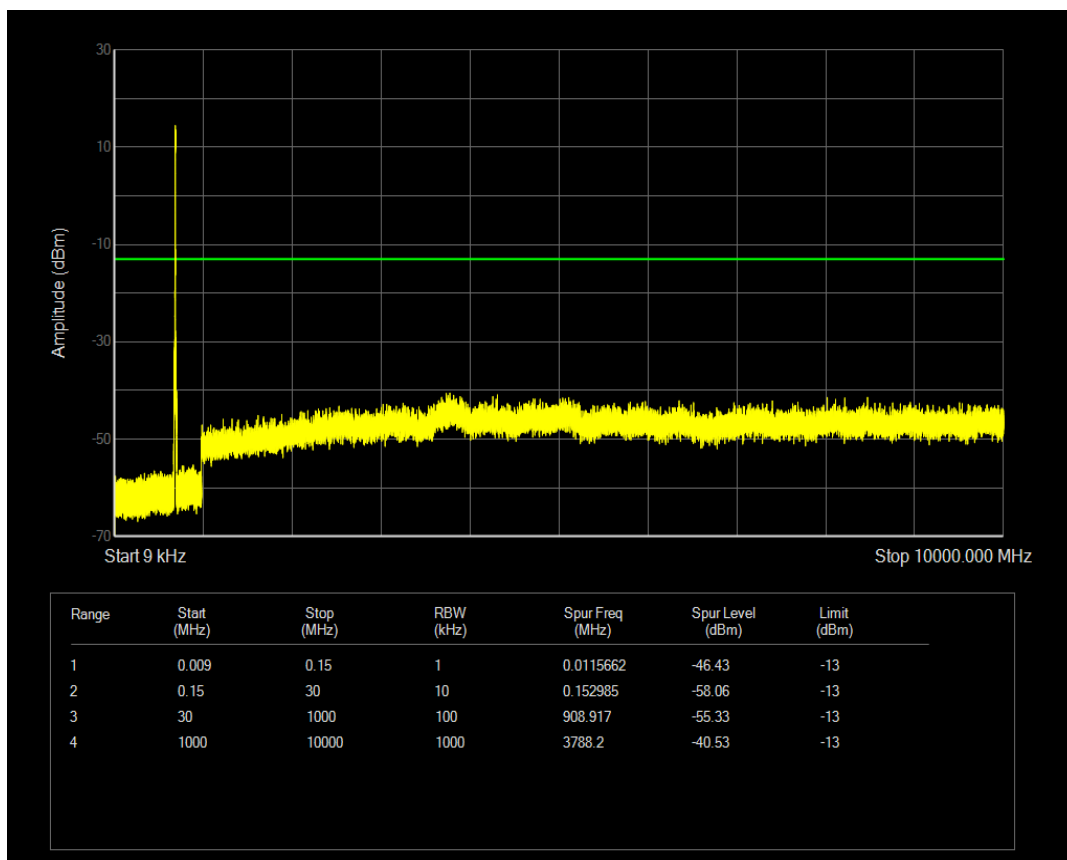
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0

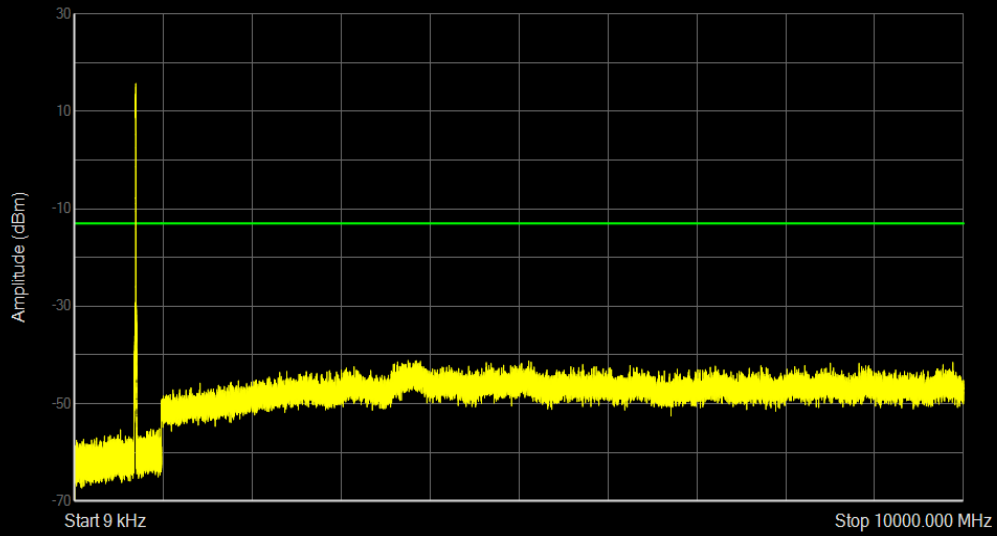


Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0

**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**



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010751925	-47.25	-13
2	0.15	30	10	0.17985	-57.55	-13
3	30	1000	100	979.242	-55.13	-13
4	1000	10000	1000	3768.175	-41.14	-13