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1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted output power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	21.92	-2	-4.15	17.77	34.77	PASS
Band17	5	23755	1	#Mid	QPSK	21.87	-2	-4.15	17.72	34.77	PASS
Band17	5	23755	1	#Max	QPSK	21.90	-2	-4.15	17.75	34.77	PASS
Band17	5	23755	12	#0	QPSK	20.77	-2	-4.15	16.62	34.77	PASS
Band17	5	23755	12	#Mid	QPSK	20.71	-2	-4.15	16.56	34.77	PASS
Band17	5	23755	12	#Max	QPSK	20.73	-2	-4.15	16.58	34.77	PASS
Band17	5	23755	25	#0	QPSK	20.76	-2	-4.15	16.61	34.77	PASS
Band17	5	23755	1	#0	QAM16	21.37	-2	-4.15	17.22	34.77	PASS
Band17	5	23755	1	#Mid	QAM16	21.32	-2	-4.15	17.17	34.77	PASS
Band17	5	23755	1	#Max	QAM16	21.39	-2	-4.15	17.24	34.77	PASS
Band17	5	23755	12	#0	QAM16	19.80	-2	-4.15	15.65	34.77	PASS
Band17	5	23755	12	#Mid	QAM16	19.73	-2	-4.15	15.58	34.77	PASS
Band17	5	23755	12	#Max	QAM16	19.73	-2	-4.15	15.58	34.77	PASS
Band17	5	23755	25	#0	QAM16	19.65	-2	-4.15	15.50	34.77	PASS
Band17	5	23790	1	#0	QPSK	21.74	-2	-4.15	17.59	34.77	PASS
Band17	5	23790	1	#Mid	QPSK	21.84	-2	-4.15	17.69	34.77	PASS
Band17	5	23790	1	#Max	QPSK	21.74	-2	-4.15	17.59	34.77	PASS
Band17	5	23790	12	#0	QPSK	20.79	-2	-4.15	16.64	34.77	PASS
Band17	5	23790	12	#Mid	QPSK	20.81	-2	-4.15	16.66	34.77	PASS
Band17	5	23790	12	#Max	QPSK	20.73	-2	-4.15	16.58	34.77	PASS
Band17	5	23790	25	#0	QPSK	20.78	-2	-4.15	16.63	34.77	PASS
Band17	5	23790	1	#0	QAM16	21.12	-2	-4.15	16.97	34.77	PASS
Band17	5	23790	1	#Mid	QAM16	21.25	-2	-4.15	17.10	34.77	PASS
Band17	5	23790	1	#Max	QAM16	21.08	-2	-4.15	16.93	34.77	PASS
Band17	5	23790	12	#0	QAM16	19.69	-2	-4.15	15.54	34.77	PASS
Band17	5	23790	12	#Mid	QAM16	19.74	-2	-4.15	15.59	34.77	PASS
Band17	5	23790	12	#Max	QAM16	19.67	-2	-4.15	15.52	34.77	PASS
Band17	5	23790	25	#0	QAM16	19.72	-2	-4.15	15.57	34.77	PASS
Band17	5	23825	1	#0	QPSK	21.77	-2	-4.15	17.62	34.77	PASS
Band17	5	23825	1	#Mid	QPSK	21.62	-2	-4.15	17.47	34.77	PASS
Band17	5	23825	1	#Max	QPSK	21.68	-2	-4.15	17.53	34.77	PASS
Band17	5	23825	12	#0	QPSK	20.69	-2	-4.15	16.54	34.77	PASS
Band17	5	23825	12	#Mid	QPSK	20.64	-2	-4.15	16.49	34.77	PASS
Band17	5	23825	12	#Max	QPSK	20.62	-2	-4.15	16.47	34.77	PASS
Band17	5	23825	25	#0	QPSK	20.65	-2	-4.15	16.50	34.77	PASS
Band17	5	23825	1	#0	QAM16	21.06	-2	-4.15	16.91	34.77	PASS
Band17	5	23825	1	#Mid	QAM16	20.94	-2	-4.15	16.79	34.77	PASS

Band17	5	23825	1	#Max	QAM16	21.01	-2	-4.15	16.86	34.77	PASS
Band17	5	23825	12	#0	QAM16	19.72	-2	-4.15	15.57	34.77	PASS
Band17	5	23825	12	#Mid	QAM16	19.70	-2	-4.15	15.55	34.77	PASS
Band17	5	23825	12	#Max	QAM16	19.58	-2	-4.15	15.43	34.77	PASS
Band17	5	23825	25	#0	QAM16	19.59	-2	-4.15	15.44	34.77	PASS
Band17	10	23780	1	#0	QPSK	21.75	-2	-4.15	17.60	34.77	PASS
Band17	10	23780	1	#Mid	QPSK	21.76	-2	-4.15	17.61	34.77	PASS
Band17	10	23780	1	#Max	QPSK	21.55	-2	-4.15	17.40	34.77	PASS
Band17	10	23780	25	#0	QPSK	20.67	-2	-4.15	16.52	34.77	PASS
Band17	10	23780	25	#Mid	QPSK	20.76	-2	-4.15	16.61	34.77	PASS
Band17	10	23780	25	#Max	QPSK	20.73	-2	-4.15	16.58	34.77	PASS
Band17	10	23780	50	#0	QPSK	20.67	-2	-4.15	16.52	34.77	PASS
Band17	10	23780	1	#0	QAM16	21.20	-2	-4.15	17.05	34.77	PASS
Band17	10	23780	1	#Mid	QAM16	21.16	-2	-4.15	17.01	34.77	PASS
Band17	10	23780	1	#Max	QAM16	20.97	-2	-4.15	16.82	34.77	PASS
Band17	10	23780	25	#0	QAM16	19.67	-2	-4.15	15.52	34.77	PASS
Band17	10	23780	25	#Mid	QAM16	19.69	-2	-4.15	15.54	34.77	PASS
Band17	10	23780	25	#Max	QAM16	19.67	-2	-4.15	15.52	34.77	PASS
Band17	10	23780	50	#0	QAM16	19.63	-2	-4.15	15.48	34.77	PASS
Band17	10	23790	1	#0	QPSK	21.76	-2	-4.15	17.61	34.77	PASS
Band17	10	23790	1	#Mid	QPSK	21.86	-2	-4.15	17.71	34.77	PASS
Band17	10	23790	1	#Max	QPSK	21.63	-2	-4.15	17.48	34.77	PASS
Band17	10	23790	25	#0	QPSK	20.70	-2	-4.15	16.55	34.77	PASS
Band17	10	23790	25	#Mid	QPSK	20.75	-2	-4.15	16.60	34.77	PASS
Band17	10	23790	25	#Max	QPSK	20.67	-2	-4.15	16.52	34.77	PASS
Band17	10	23790	50	#0	QPSK	20.66	-2	-4.15	16.51	34.77	PASS
Band17	10	23790	1	#0	QAM16	20.62	-2	-4.15	16.47	34.77	PASS
Band17	10	23790	1	#Mid	QAM16	20.70	-2	-4.15	16.55	34.77	PASS
Band17	10	23790	1	#Max	QAM16	20.48	-2	-4.15	16.33	34.77	PASS
Band17	10	23790	25	#0	QAM16	19.63	-2	-4.15	15.48	34.77	PASS
Band17	10	23790	25	#Mid	QAM16	19.80	-2	-4.15	15.65	34.77	PASS
Band17	10	23790	25	#Max	QAM16	19.71	-2	-4.15	15.56	34.77	PASS
Band17	10	23790	50	#0	QAM16	19.67	-2	-4.15	15.52	34.77	PASS
Band17	10	23800	1	#0	QPSK	21.73	-2	-4.15	17.58	34.77	PASS
Band17	10	23800	1	#Mid	QPSK	21.74	-2	-4.15	17.59	34.77	PASS
Band17	10	23800	1	#Max	QPSK	21.67	-2	-4.15	17.52	34.77	PASS
Band17	10	23800	25	#0	QPSK	20.77	-2	-4.15	16.62	34.77	PASS
Band17	10	23800	25	#Mid	QPSK	20.81	-2	-4.15	16.66	34.77	PASS
Band17	10	23800	25	#Max	QPSK	20.66	-2	-4.15	16.51	34.77	PASS
Band17	10	23800	50	#0	QPSK	20.66	-2	-4.15	16.51	34.77	PASS
Band17	10	23800	1	#0	QAM16	21.13	-2	-4.15	16.98	34.77	PASS
Band17	10	23800	1	#Mid	QAM16	21.12	-2	-4.15	16.97	34.77	PASS
Band17	10	23800	1	#Max	QAM16	21.11	-2	-4.15	16.96	34.77	PASS
Band17	10	23800	25	#0	QAM16	19.69	-2	-4.15	15.54	34.77	PASS

Band17	10	23800	25	#Mid	QAM16	19.73	-2	-4.15	15.58	34.77	PASS
Band17	10	23800	25	#Max	QAM16	19.60	-2	-4.15	15.45	34.77	PASS
Band17	10	23800	50	#0	QAM16	19.62	-2	-4.15	15.47	34.77	PASS

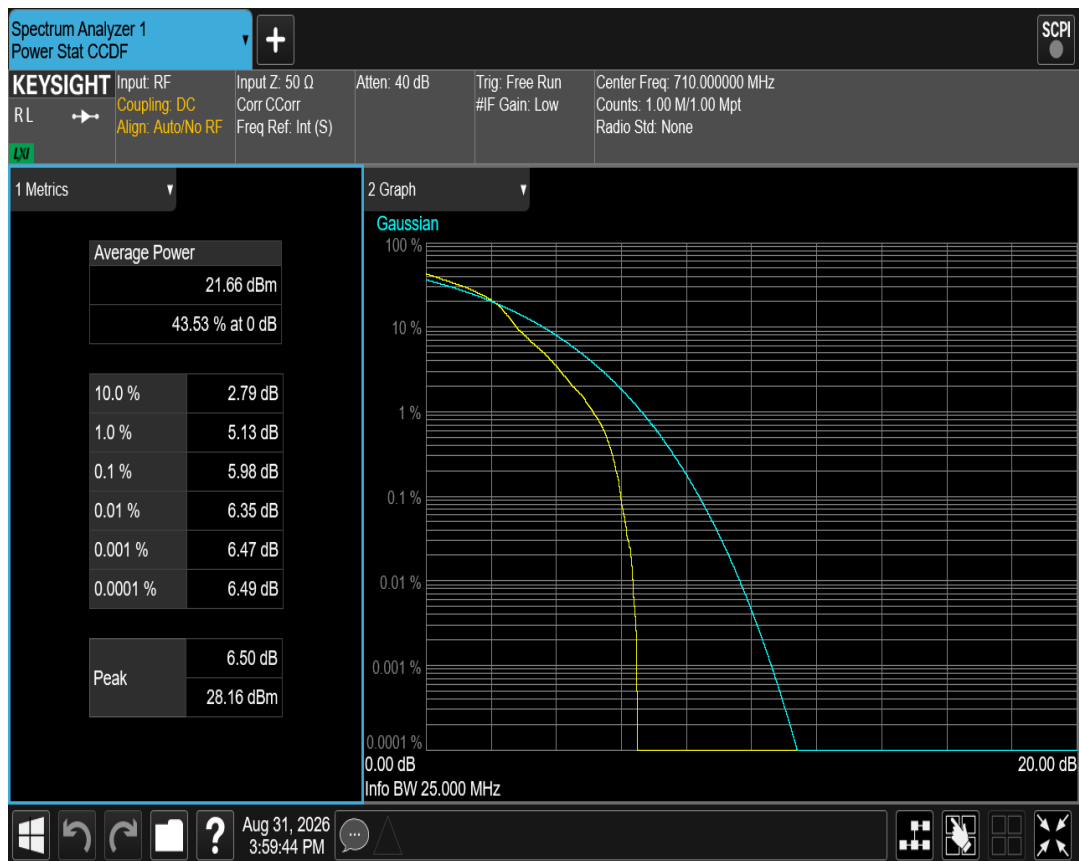
2 Frequency stability

<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	-1.37	-0.00193	-2.5	2.5	PASS
Band17	10	23780	50	#0	QAM16	-4.09	-0.00577	-2.5	2.5	PASS
Band17	10	23790	50	#0	QPSK	-2.58	-0.00363	-2.5	2.5	PASS
Band17	10	23790	50	#0	QAM16	-4.32	-0.00608	-2.5	2.5	PASS
Band17	10	23800	50	#0	QPSK	-2.31	-0.00325	-2.5	2.5	PASS
Band17	10	23800	50	#0	QAM16	-0.35	-0.00049	-2.5	2.5	PASS

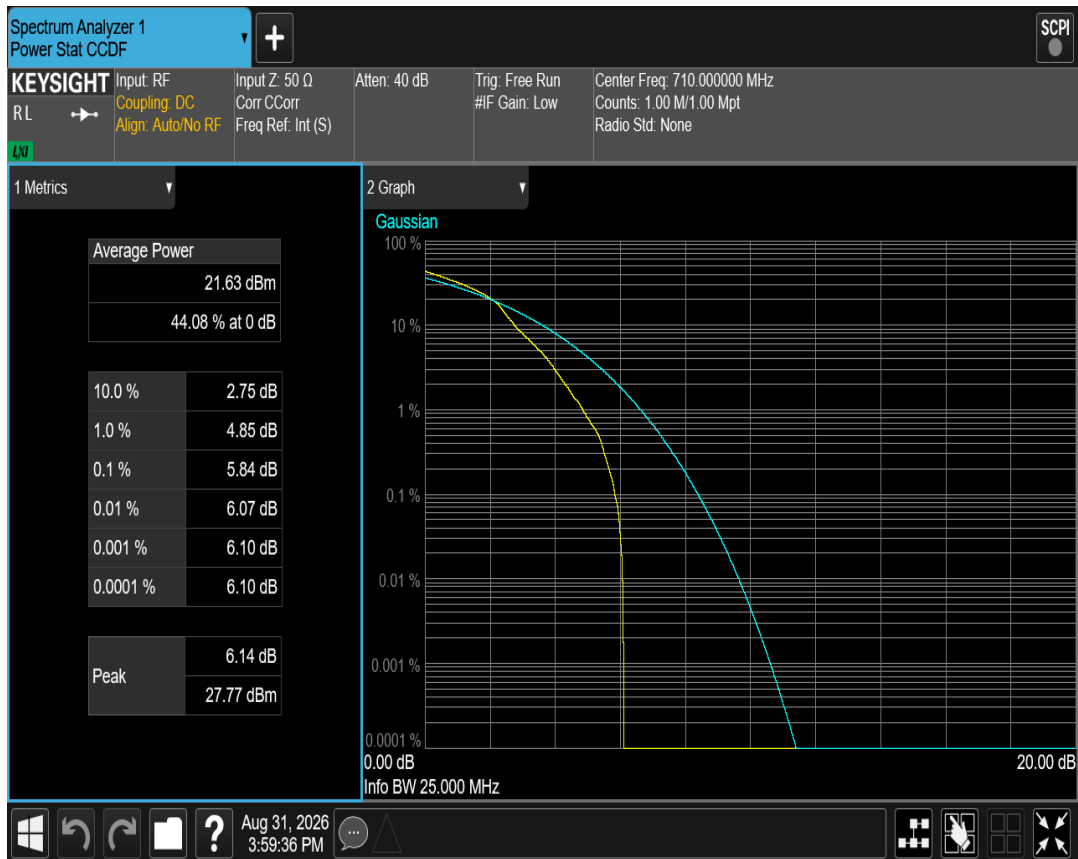
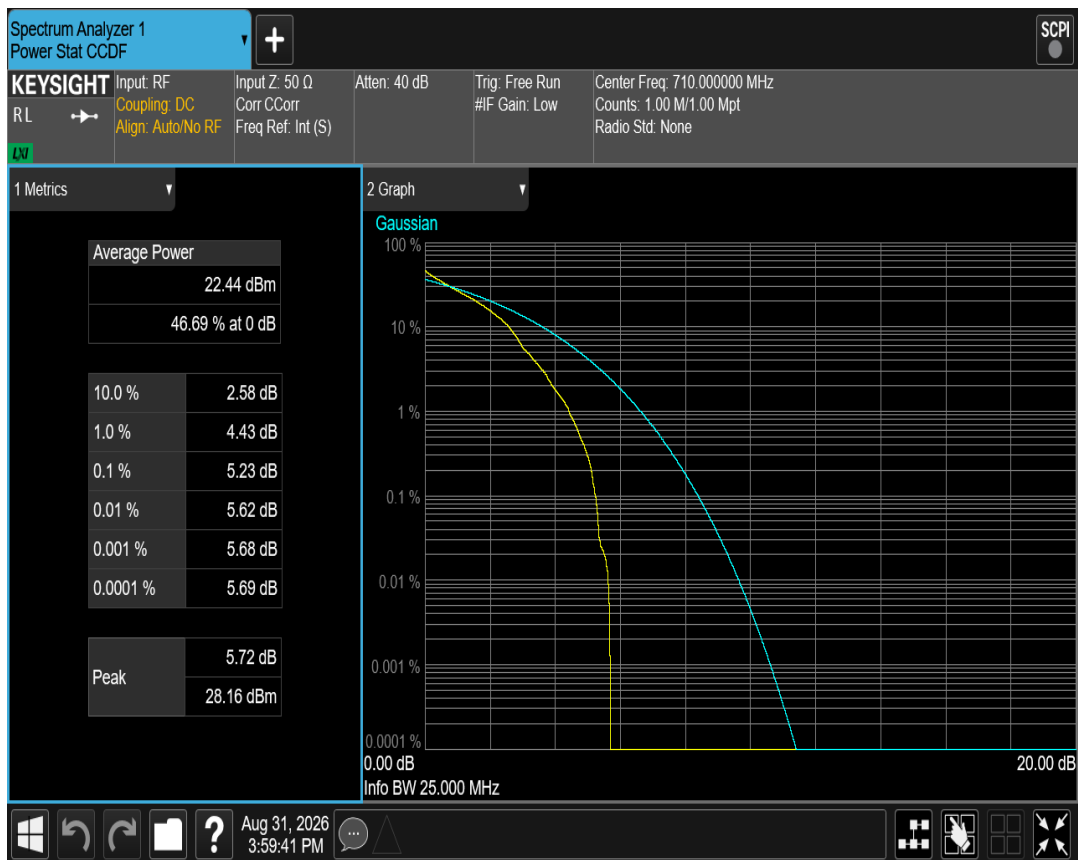
3 Peak-to-Average Ratio

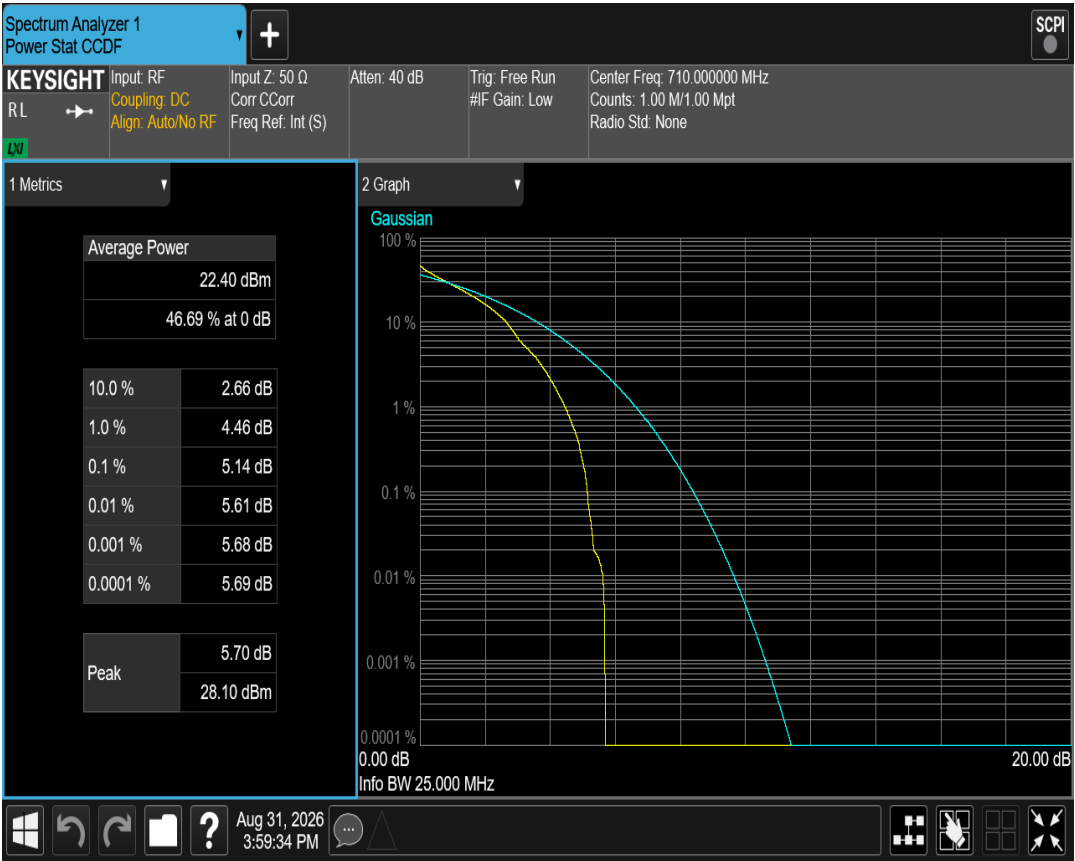
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band17	5	23790	1	#0	QPSK	5.14	13	PASS
Band17	5	23790	1	#0	QAM16	5.84	13	PASS
Band17	10	23790	1	#0	QPSK	5.23	13	PASS
Band17	10	23790	1	#0	QAM16	5.98	13	PASS

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



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

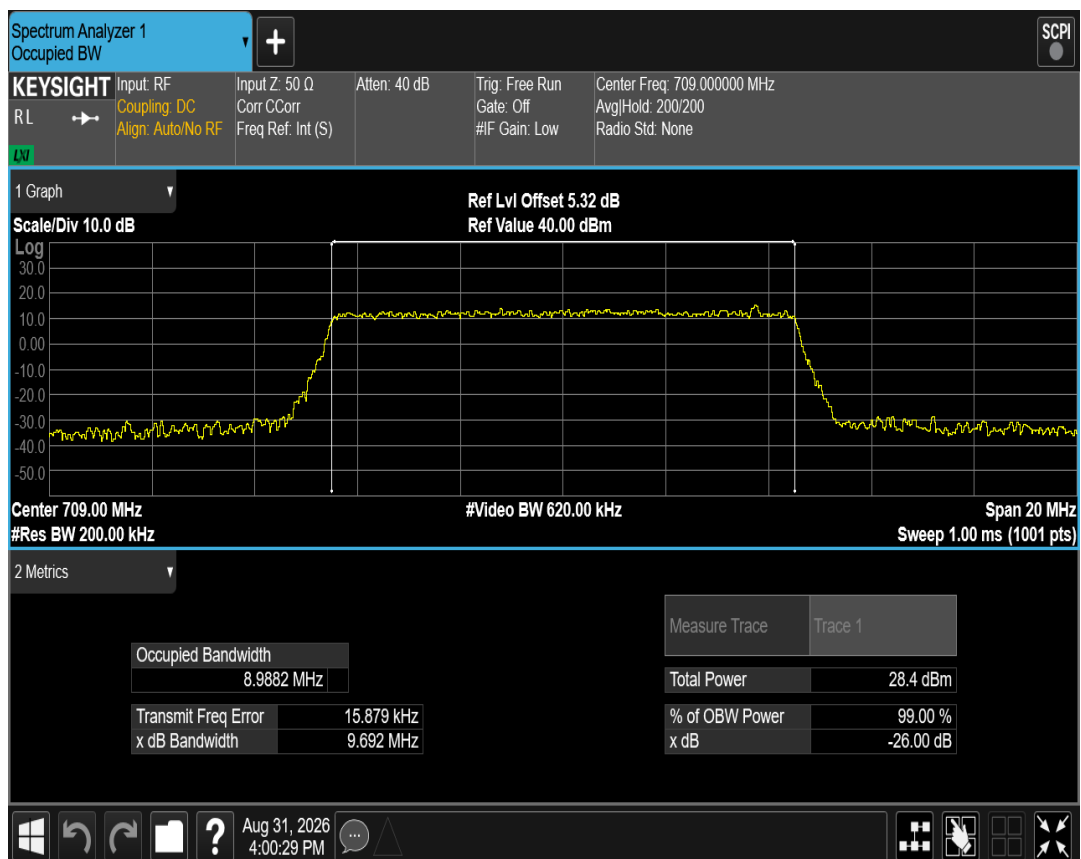
**Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0****Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0**



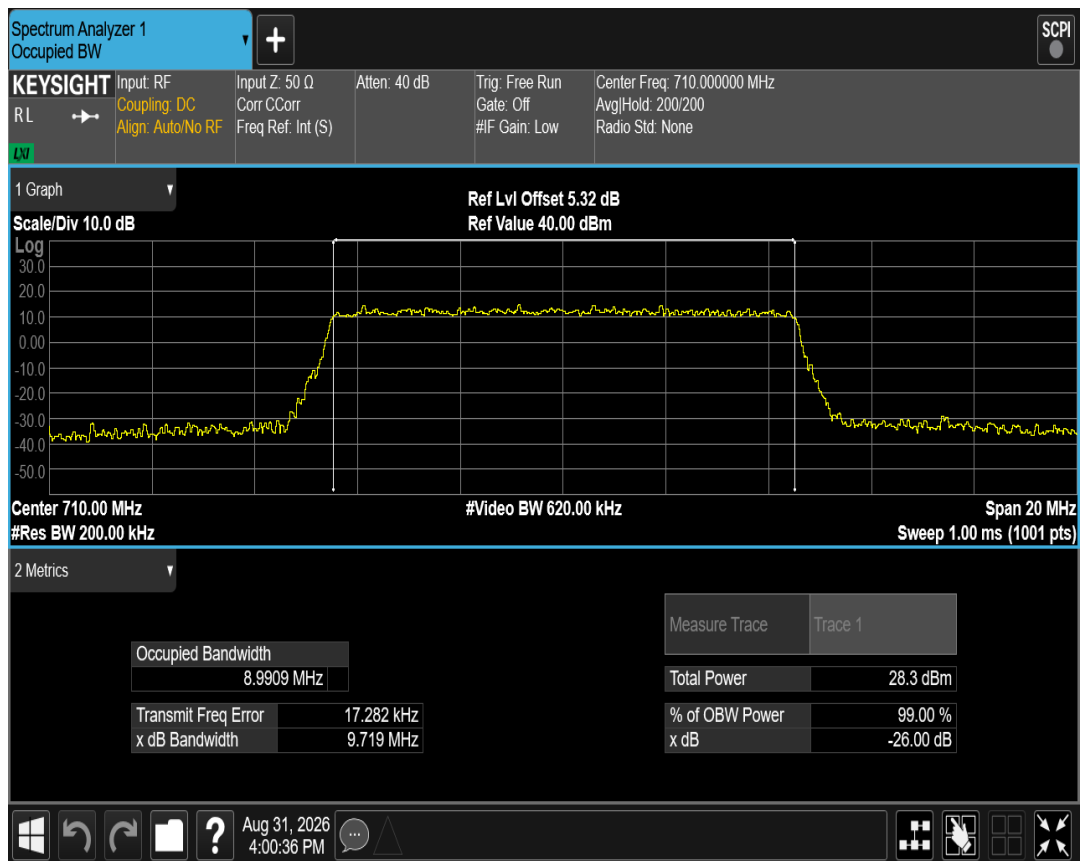
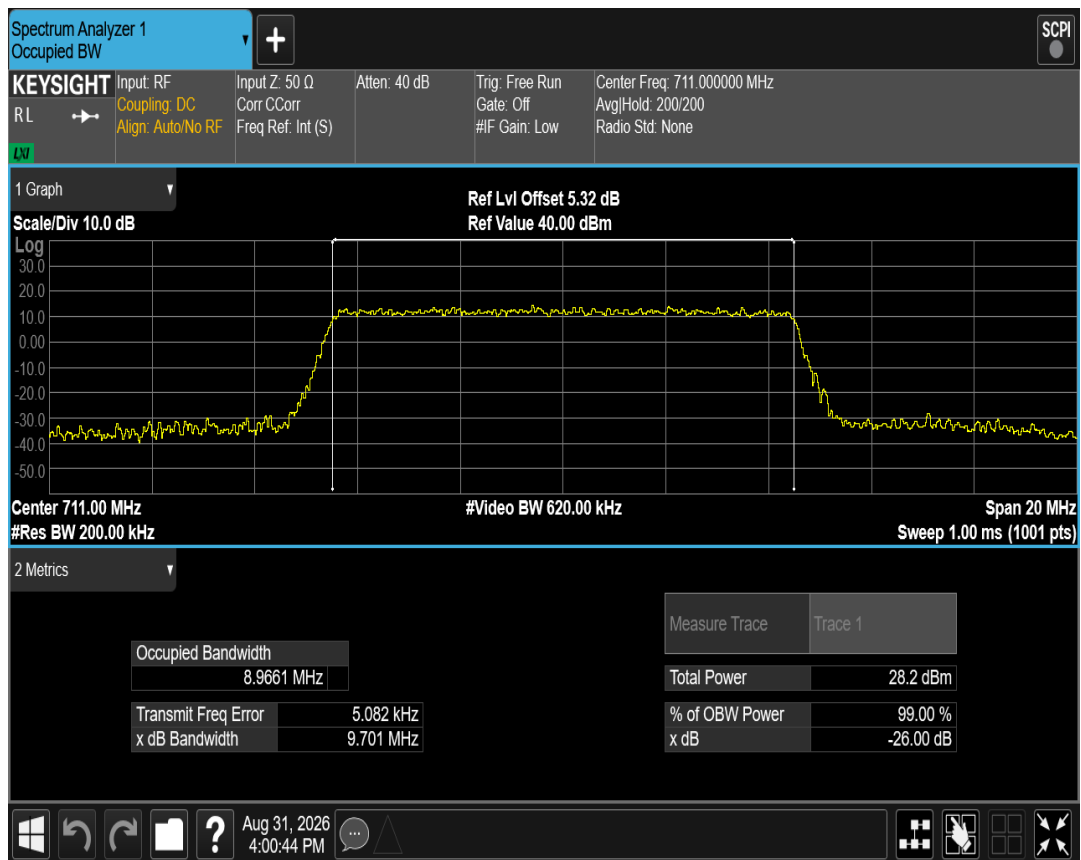
4 Occupied bandwidth

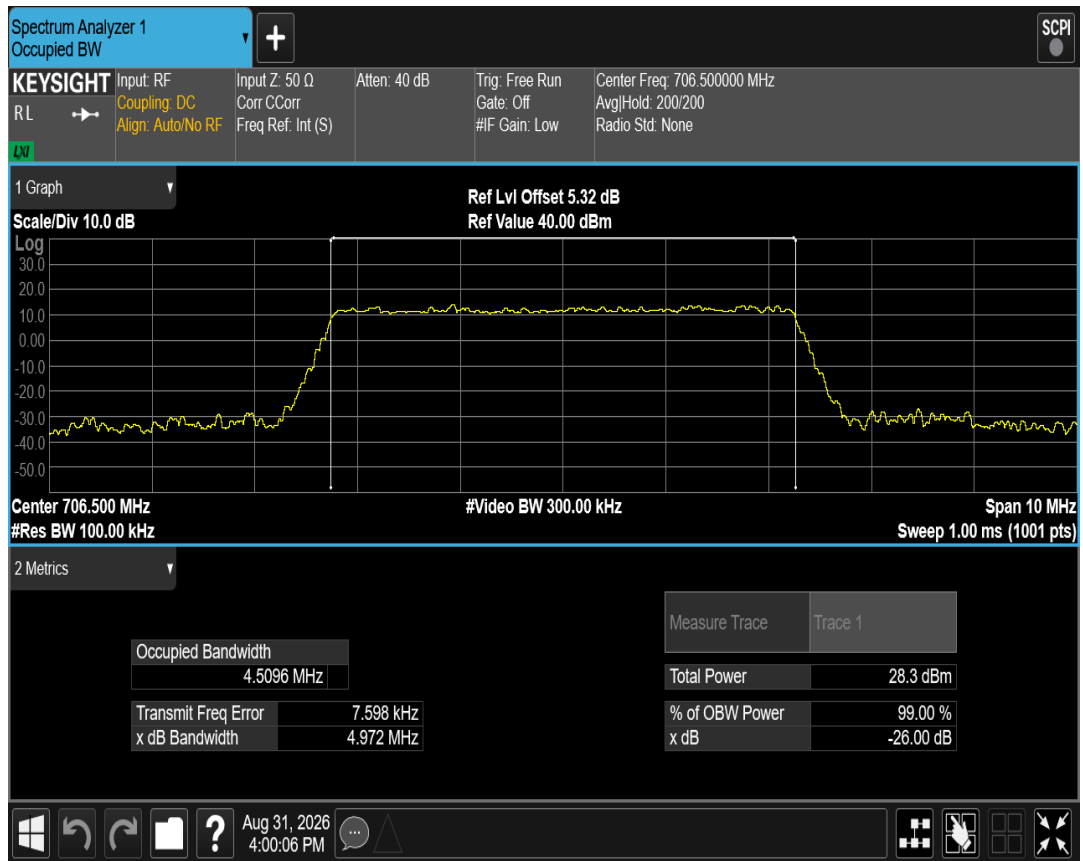
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band17	5	23755	25	#0	QPSK	4.497	4.884	PASS
Band17	5	23755	25	#0	QAM16	4.510	4.972	PASS
Band17	5	23790	25	#0	QPSK	4.511	4.953	PASS
Band17	5	23790	25	#0	QAM16	4.505	4.900	PASS
Band17	5	23825	25	#0	QPSK	4.507	4.955	PASS
Band17	5	23825	25	#0	QAM16	4.520	4.970	PASS
Band17	10	23780	50	#0	QPSK	8.984	9.639	PASS
Band17	10	23780	50	#0	QAM16	8.988	9.692	PASS
Band17	10	23790	50	#0	QPSK	8.954	9.849	PASS
Band17	10	23790	50	#0	QAM16	8.991	9.719	PASS
Band17	10	23800	50	#0	QPSK	8.997	9.769	PASS
Band17	10	23800	50	#0	QAM16	8.966	9.701	PASS

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

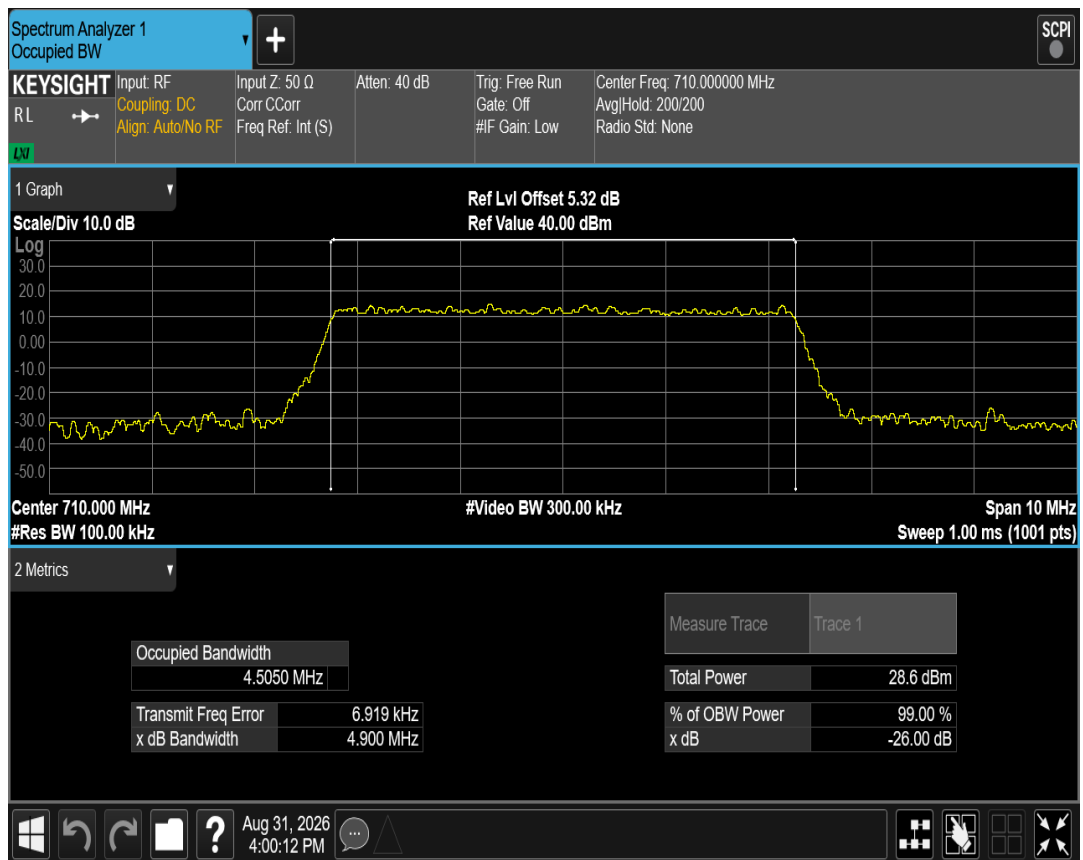


Band17 QAM16 BW=10MHz Channel=23790 RB Size=50 Position=#0

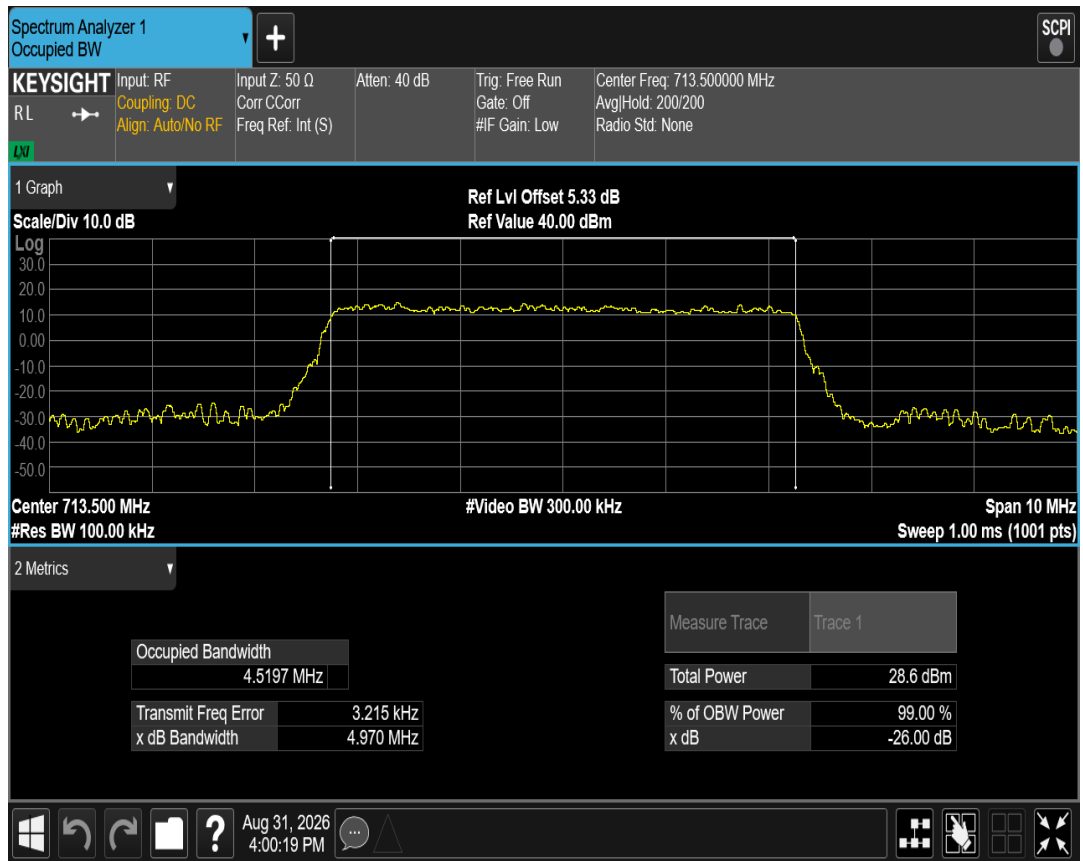
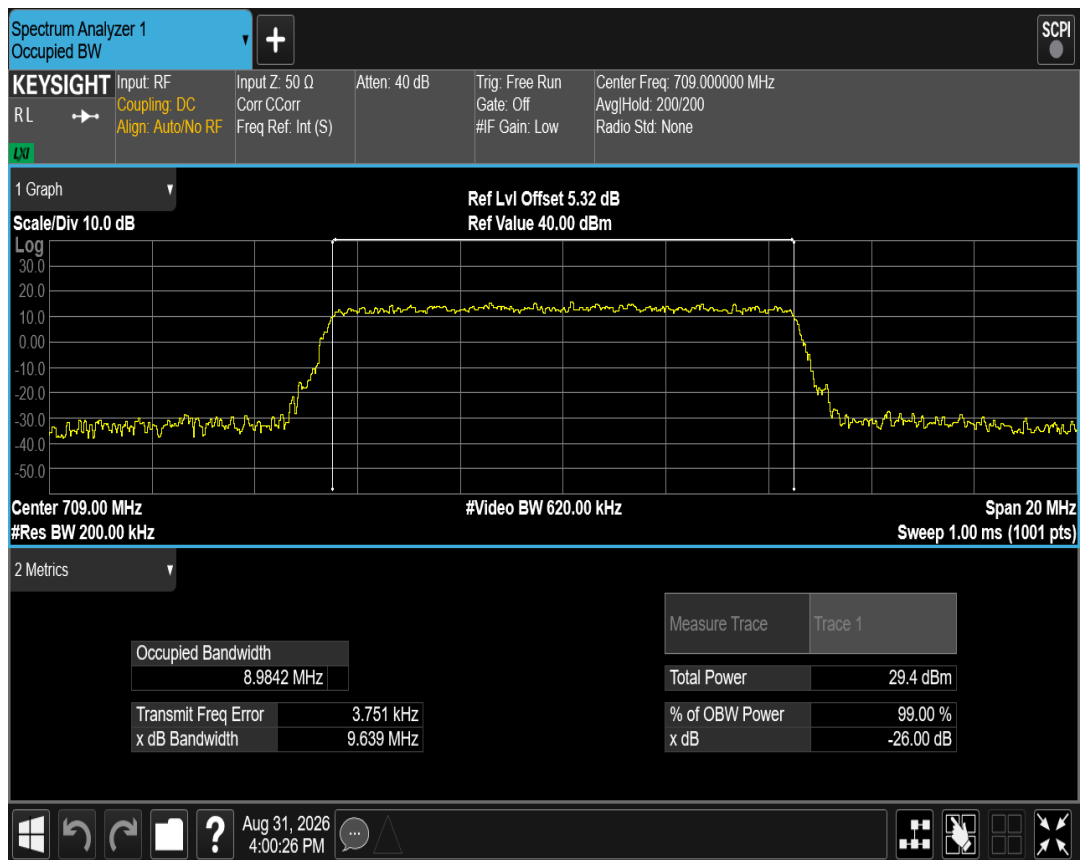
**Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0****Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0**

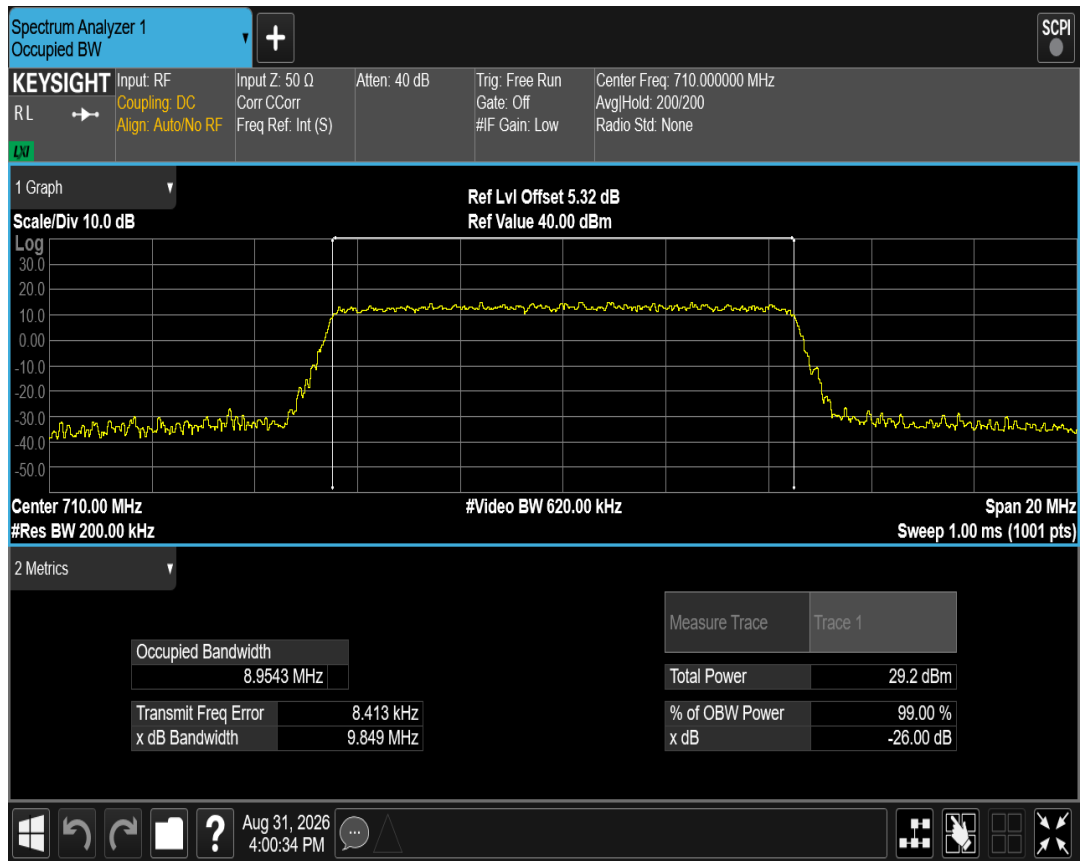
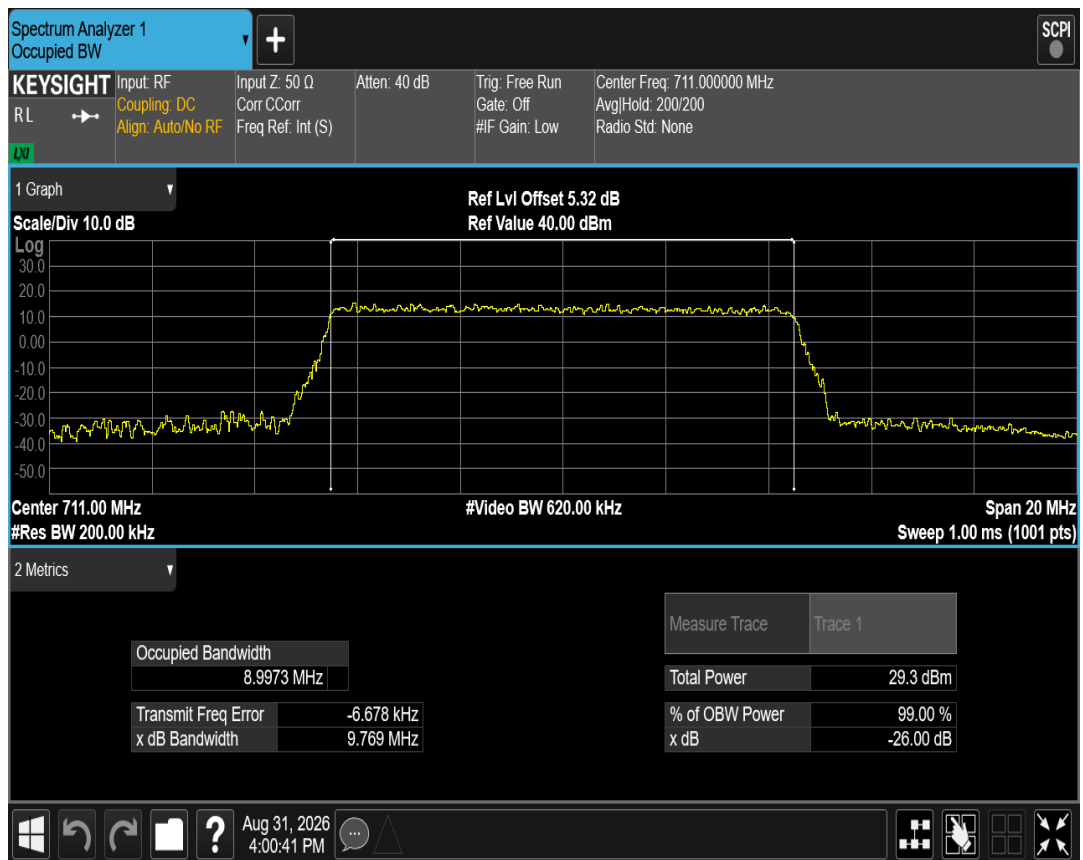


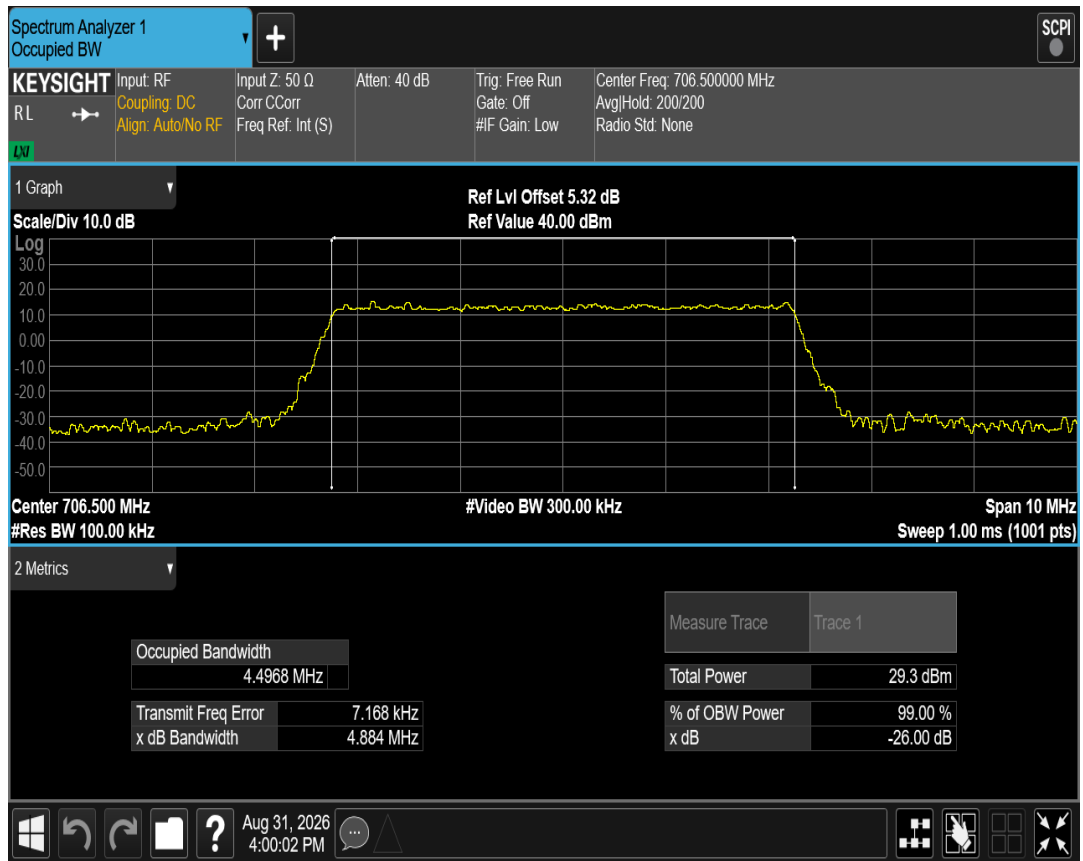
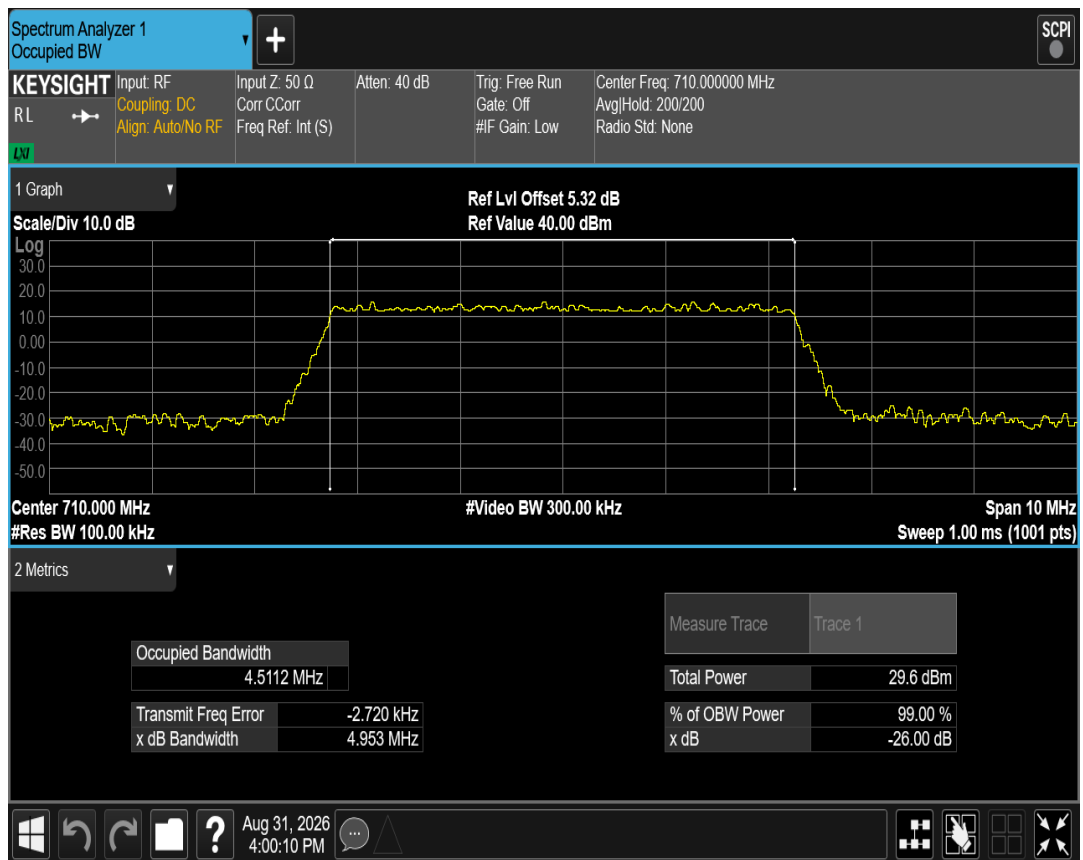
Band17 QAM16 BW=5MHz Channel=23790 RB Size=25 Position=#0

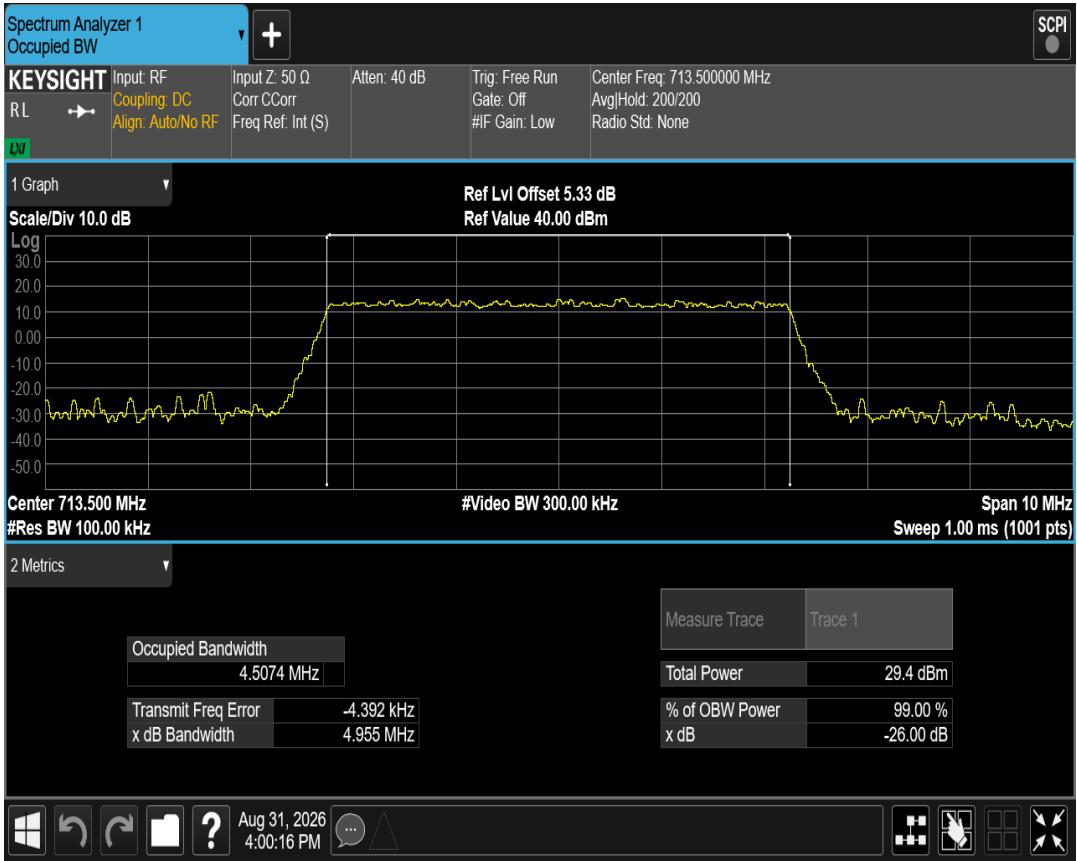


Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0

**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**

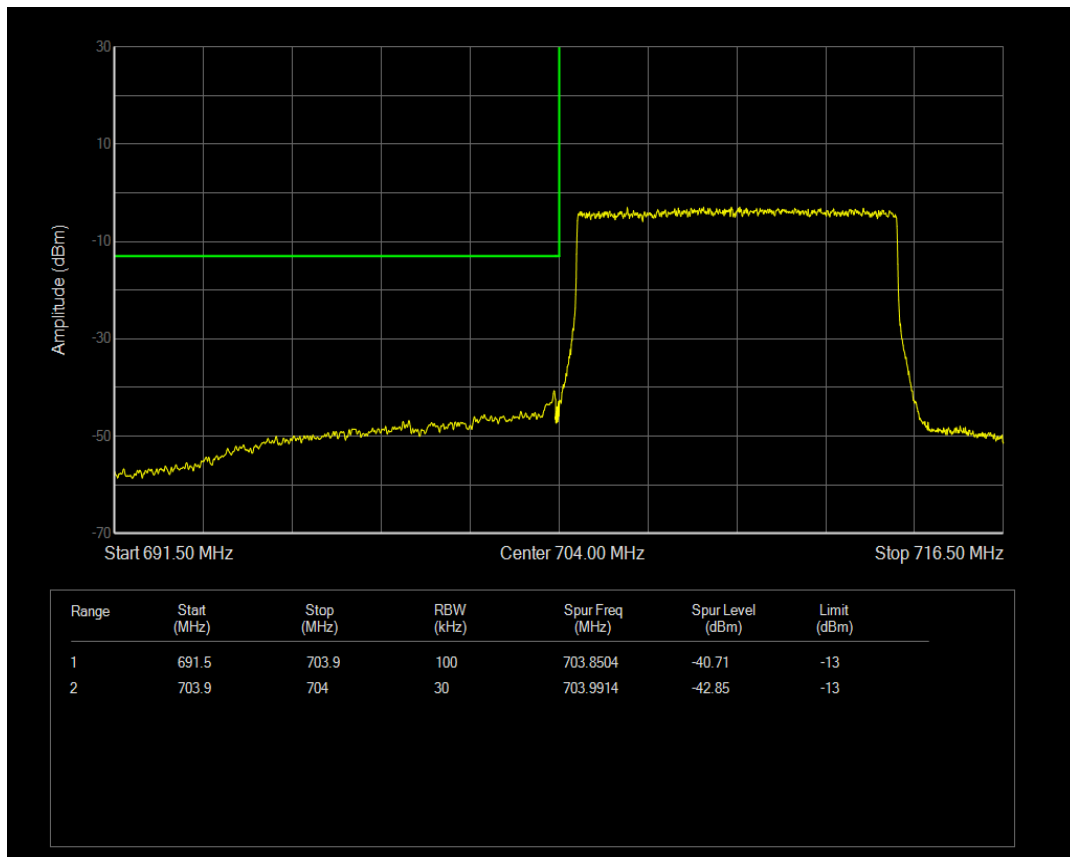
**Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0****Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0**



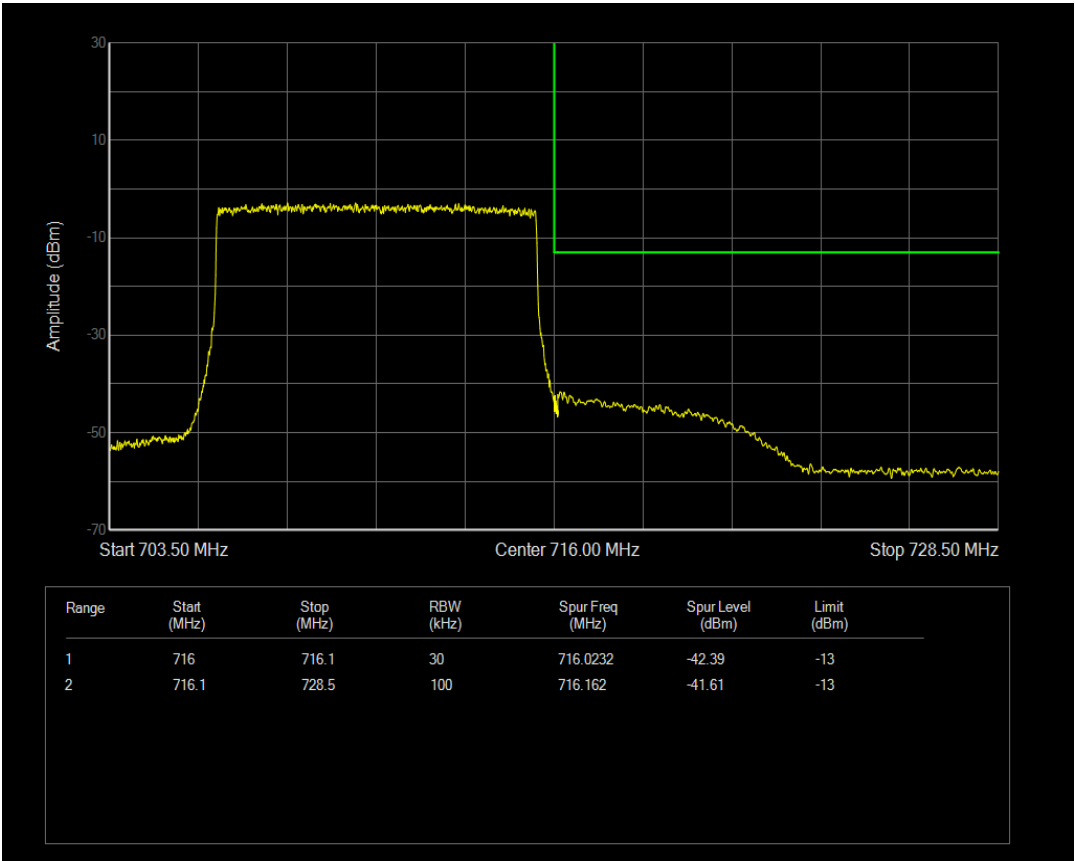
5 Band edge

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	704.00	-31.66	-13	PASS
Band17	5	23755	25	#0	QAM16	703.99	-34.58	-13	PASS
Band17	5	23825	25	#0	QPSK	716.01	-34.92	-13	PASS
Band17	5	23825	25	#0	QAM16	716.11	-34.28	-13	PASS
Band17	10	23780	50	#0	QPSK	703.80	-41.75	-13	PASS
Band17	10	23780	50	#0	QAM16	703.85	-40.71	-13	PASS
Band17	10	23800	50	#0	QPSK	716.11	-40.40	-13	PASS
Band17	10	23800	50	#0	QAM16	716.16	-41.61	-13	PASS

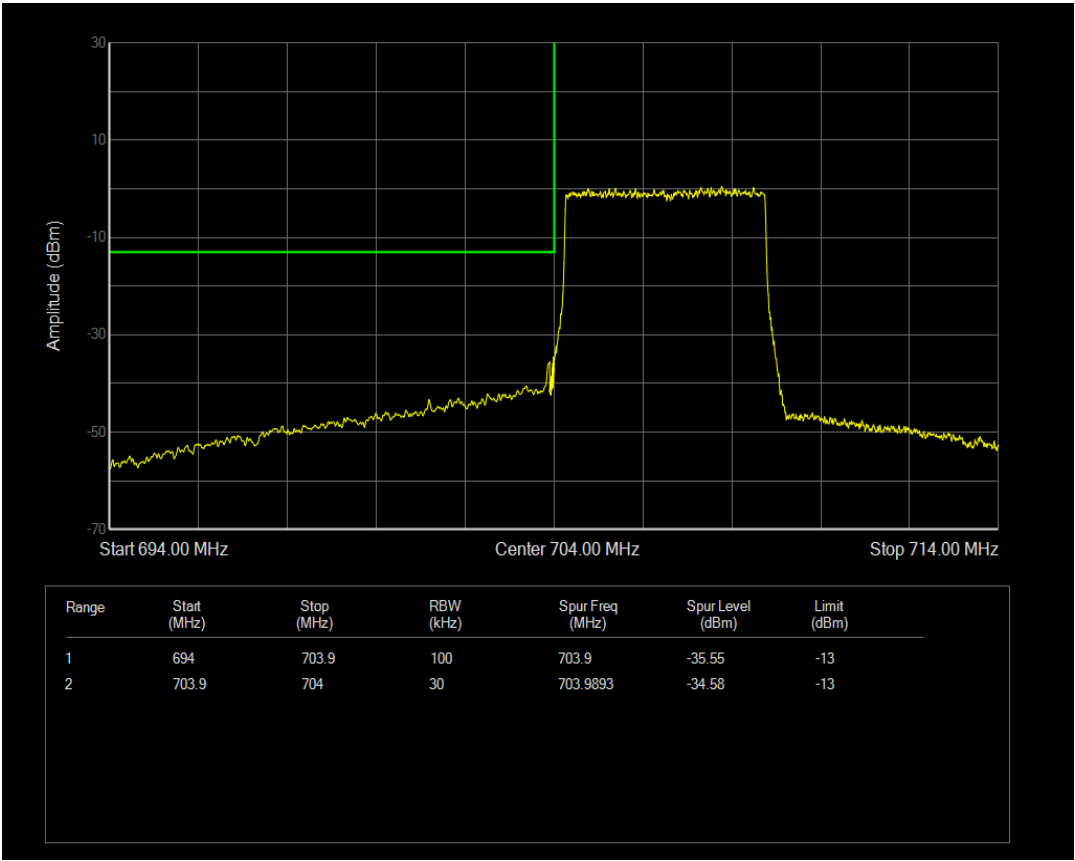
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



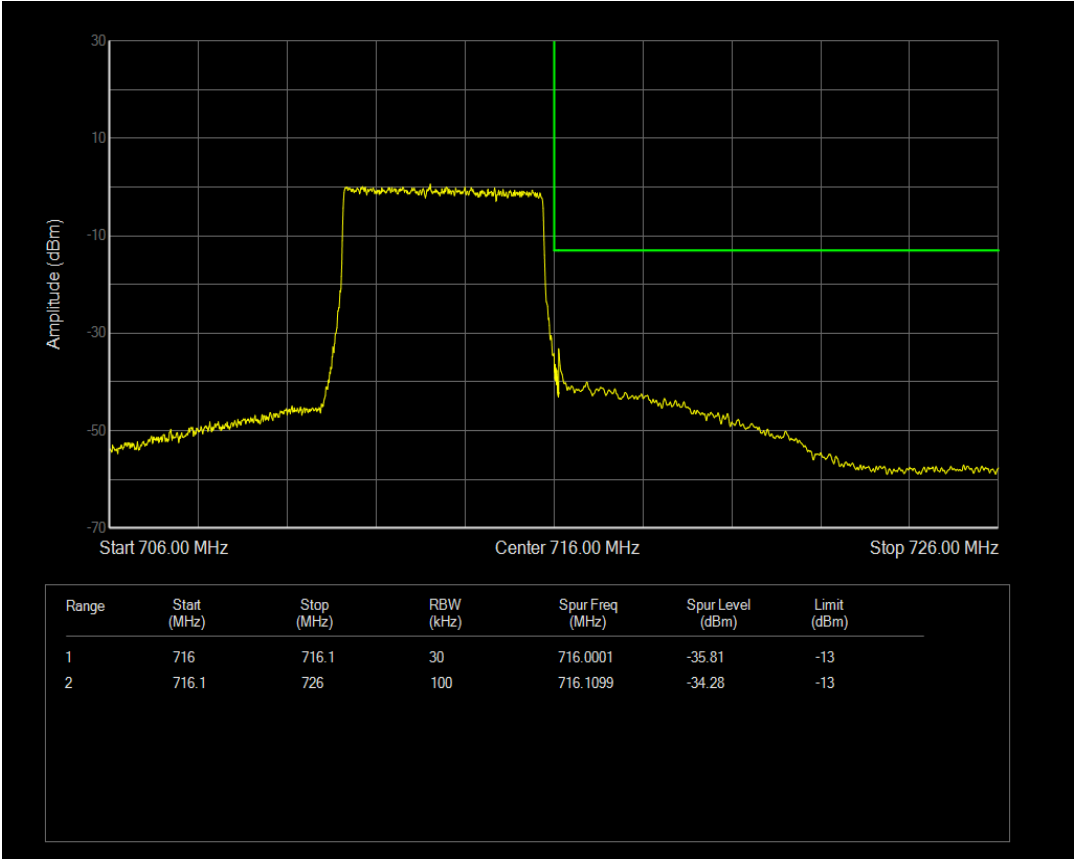
Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0



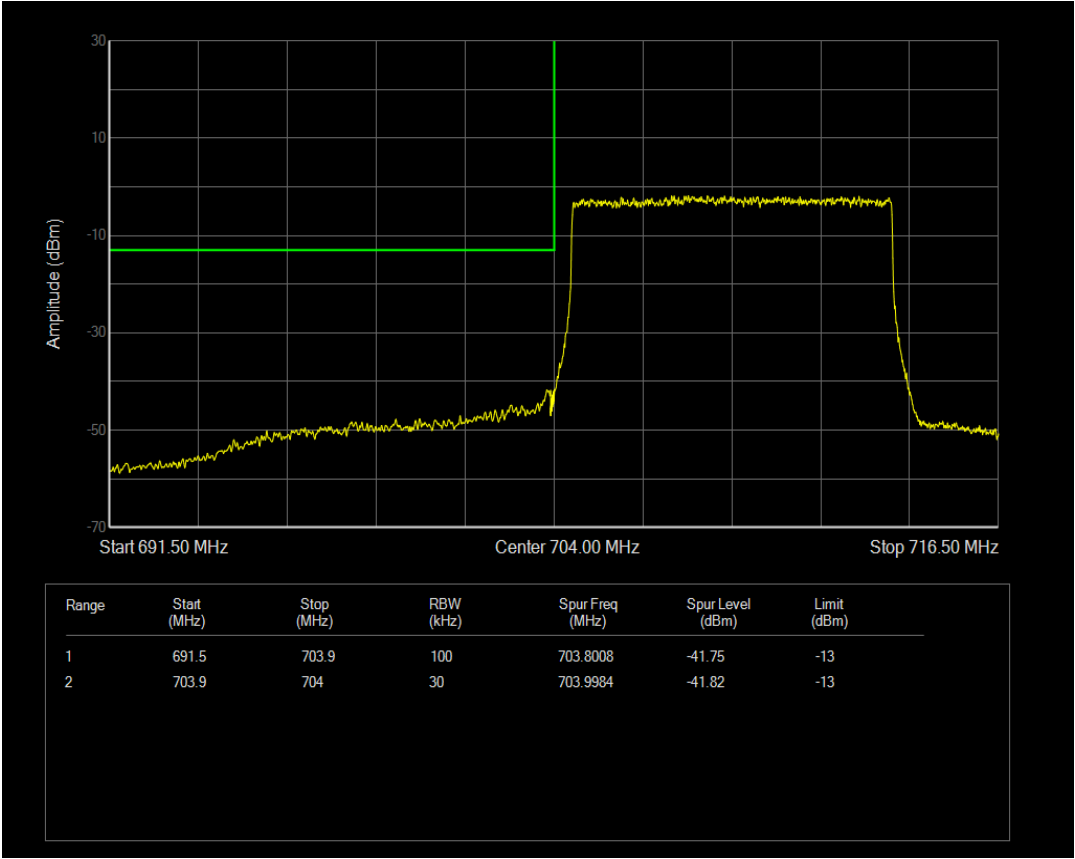
Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



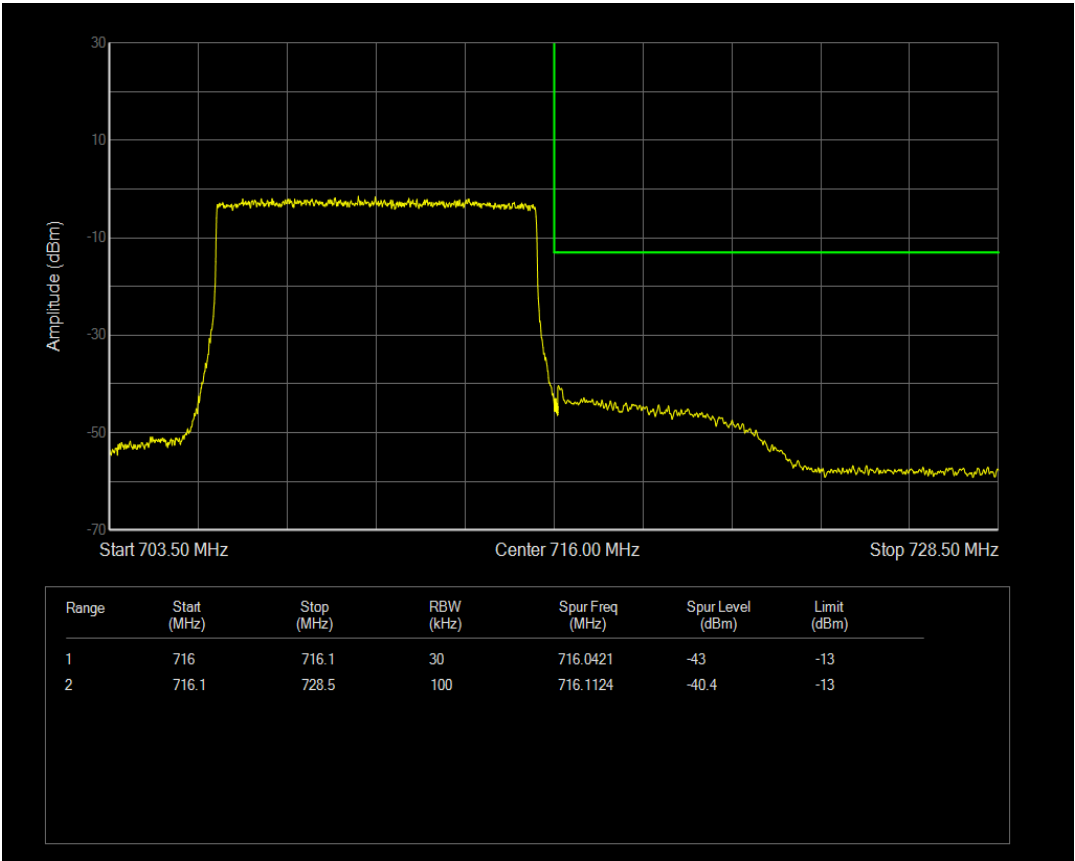
Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0



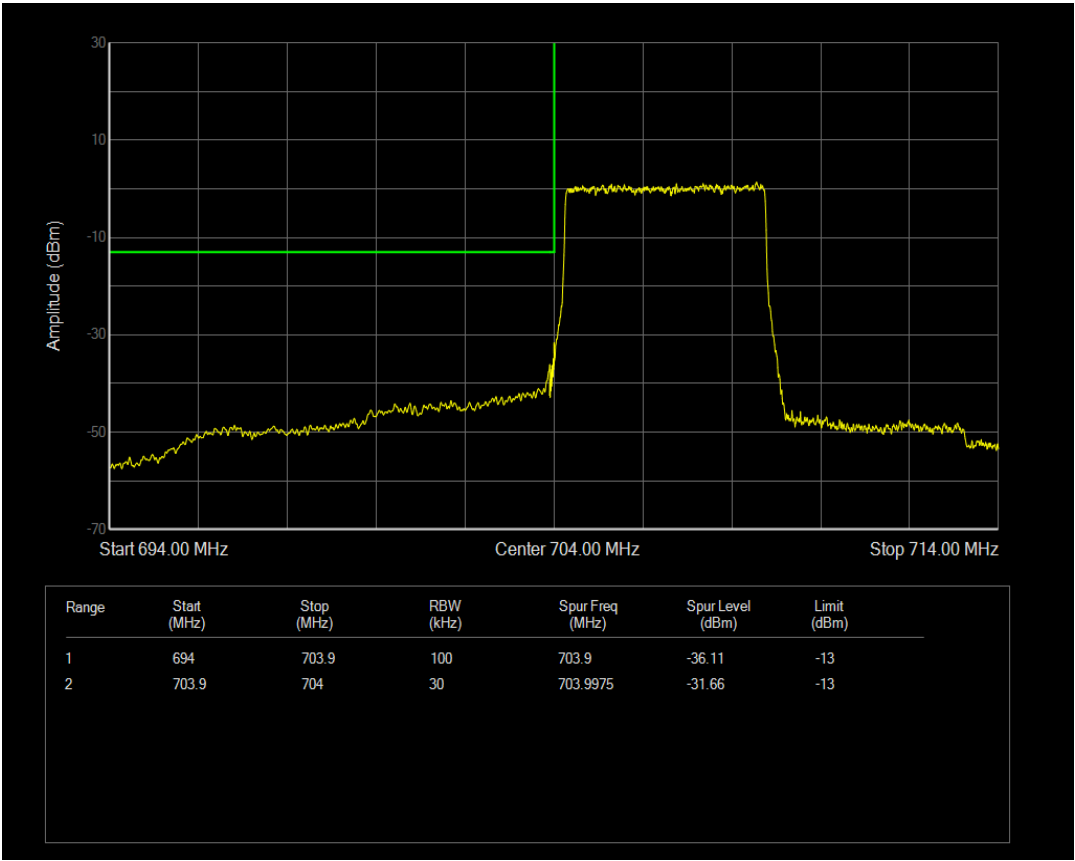
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



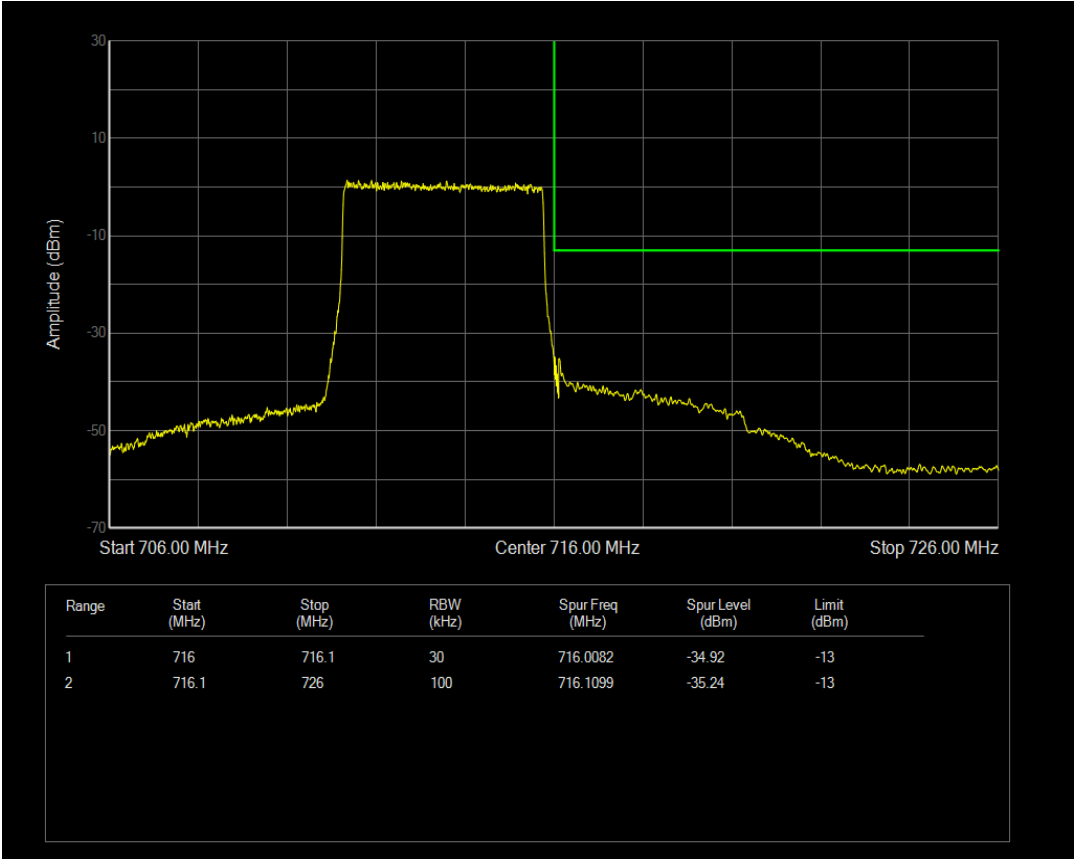
Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



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



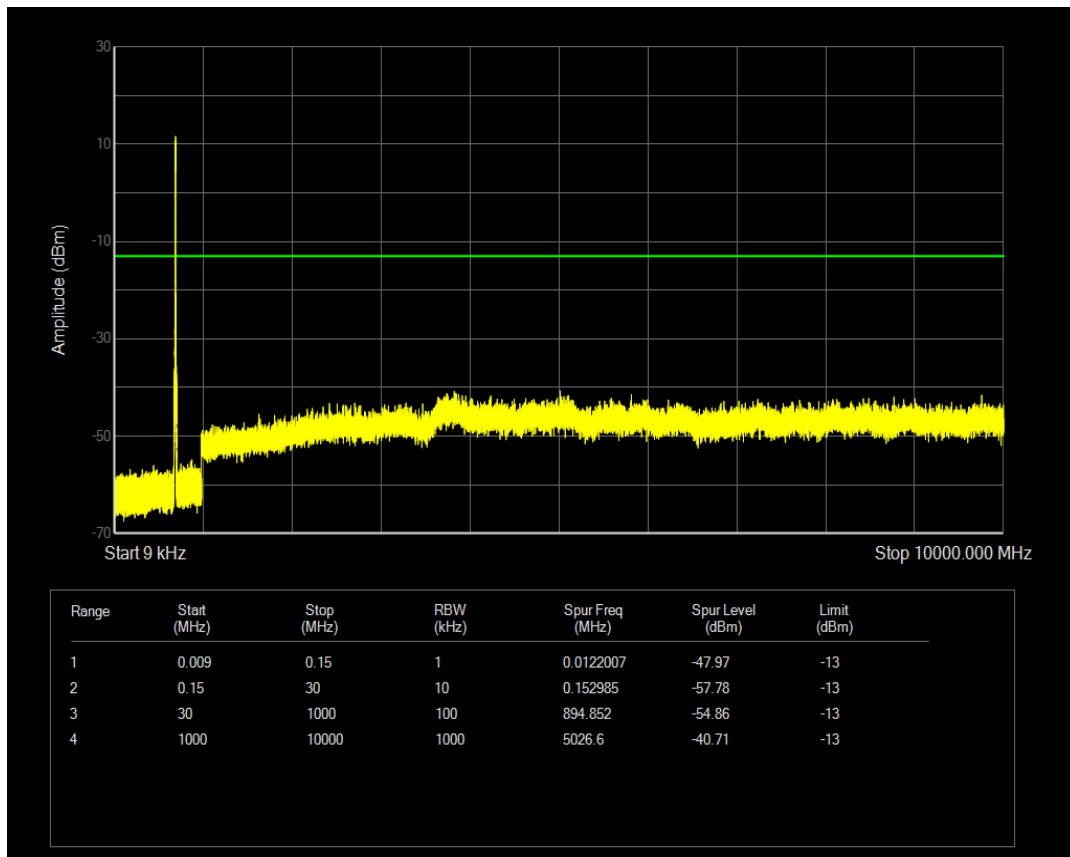
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



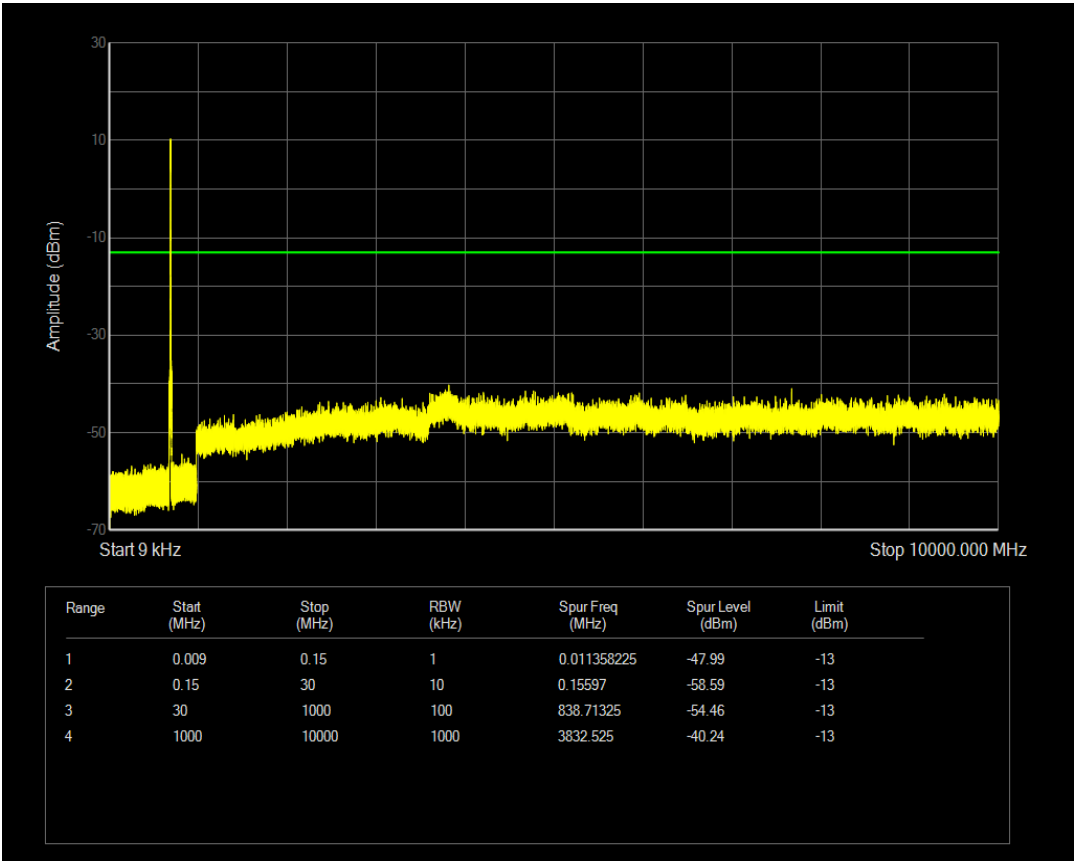
6 Out-of-band emissions

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	5078.58	-40.34	-13	PASS
Band17	5	23755	25	#0	QAM16	5092.98	-40.03	-13	PASS
Band17	5	23825	25	#0	QPSK	3690.55	-40.97	-13	PASS
Band17	5	23825	25	#0	QAM16	3891.70	-40.28	-13	PASS
Band17	10	23780	50	#0	QPSK	3791.13	-39.63	-13	PASS
Band17	10	23780	50	#0	QAM16	5026.60	-40.71	-13	PASS
Band17	10	23800	50	#0	QPSK	3822.85	-40.26	-13	PASS
Band17	10	23800	50	#0	QAM16	3832.53	-40.24	-13	PASS

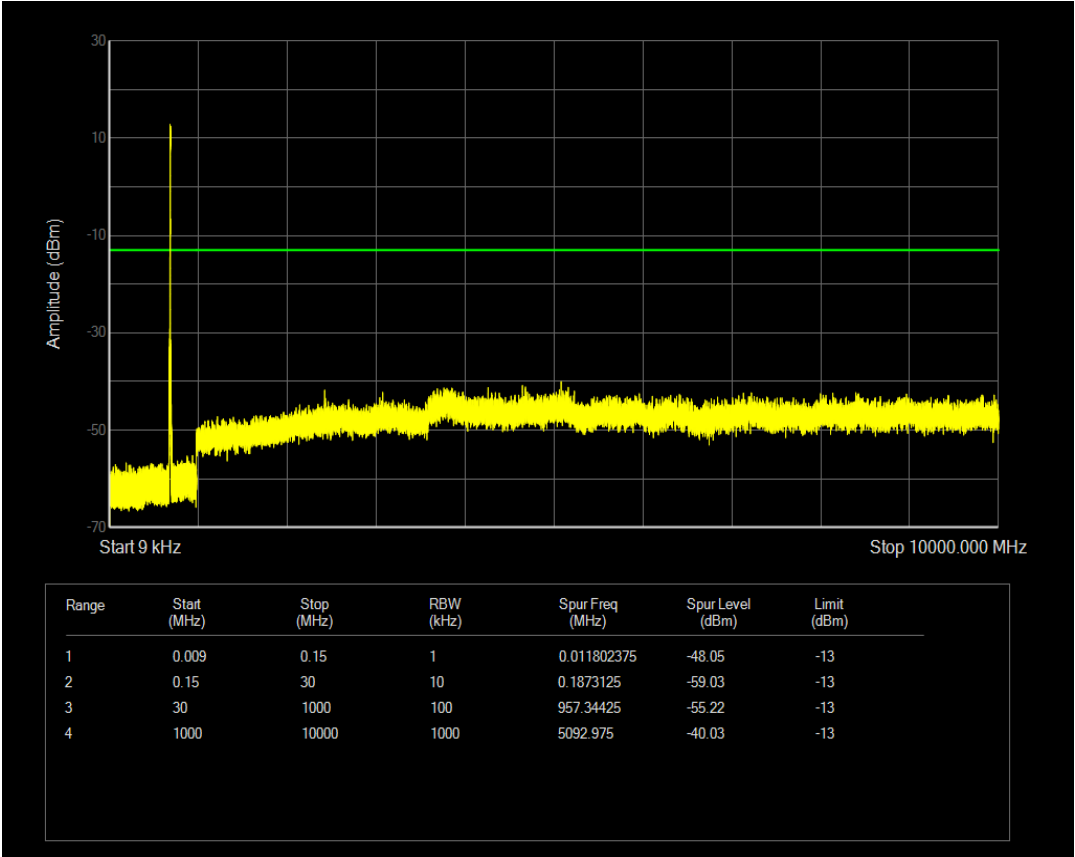
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



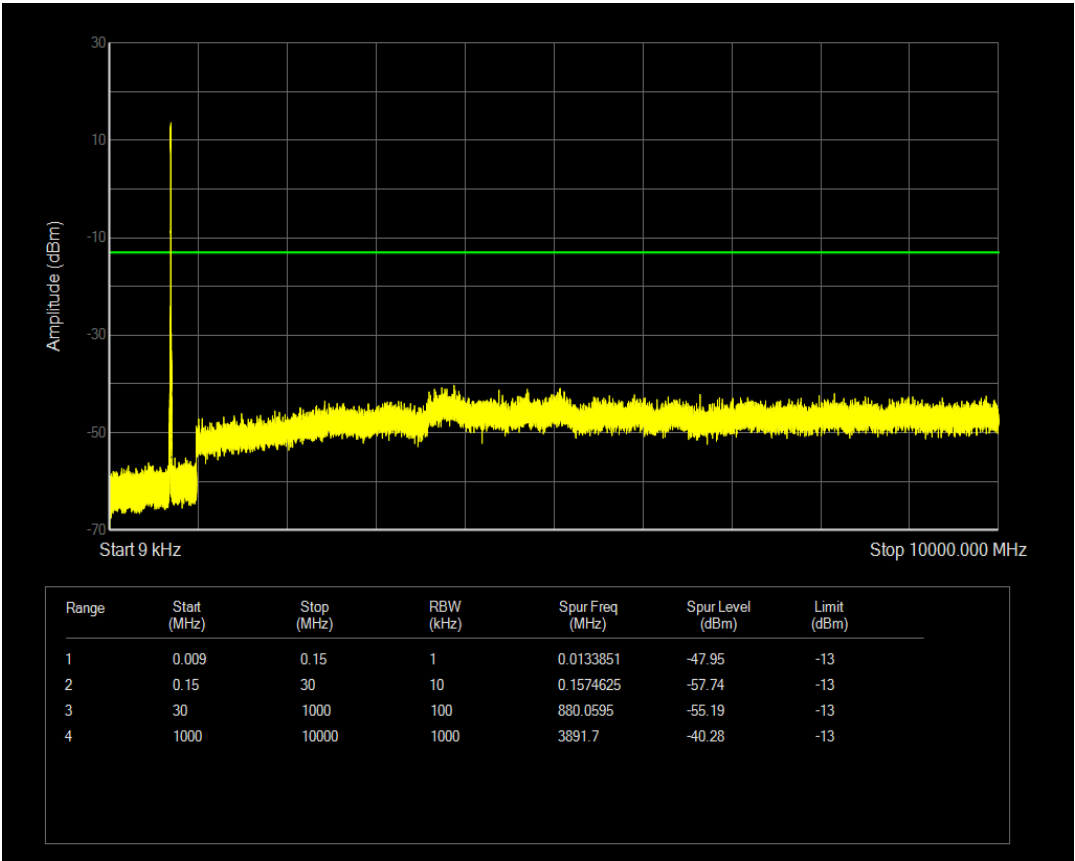
Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0



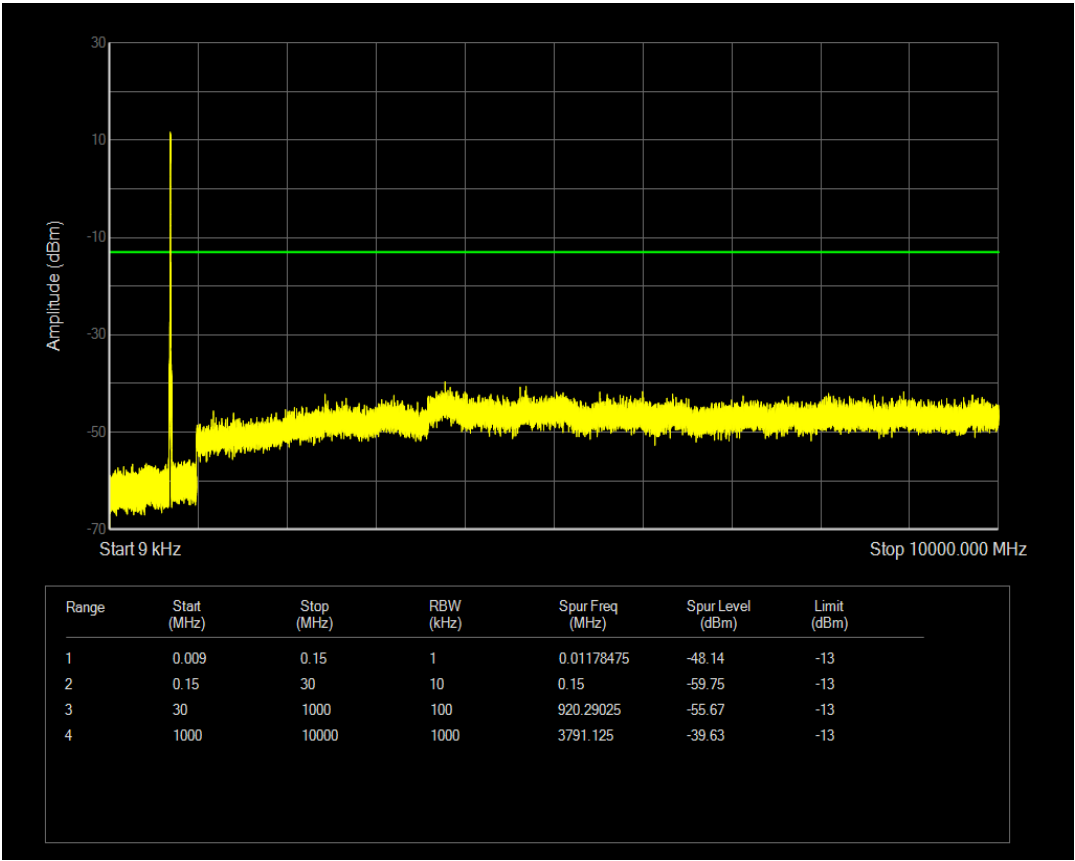
Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



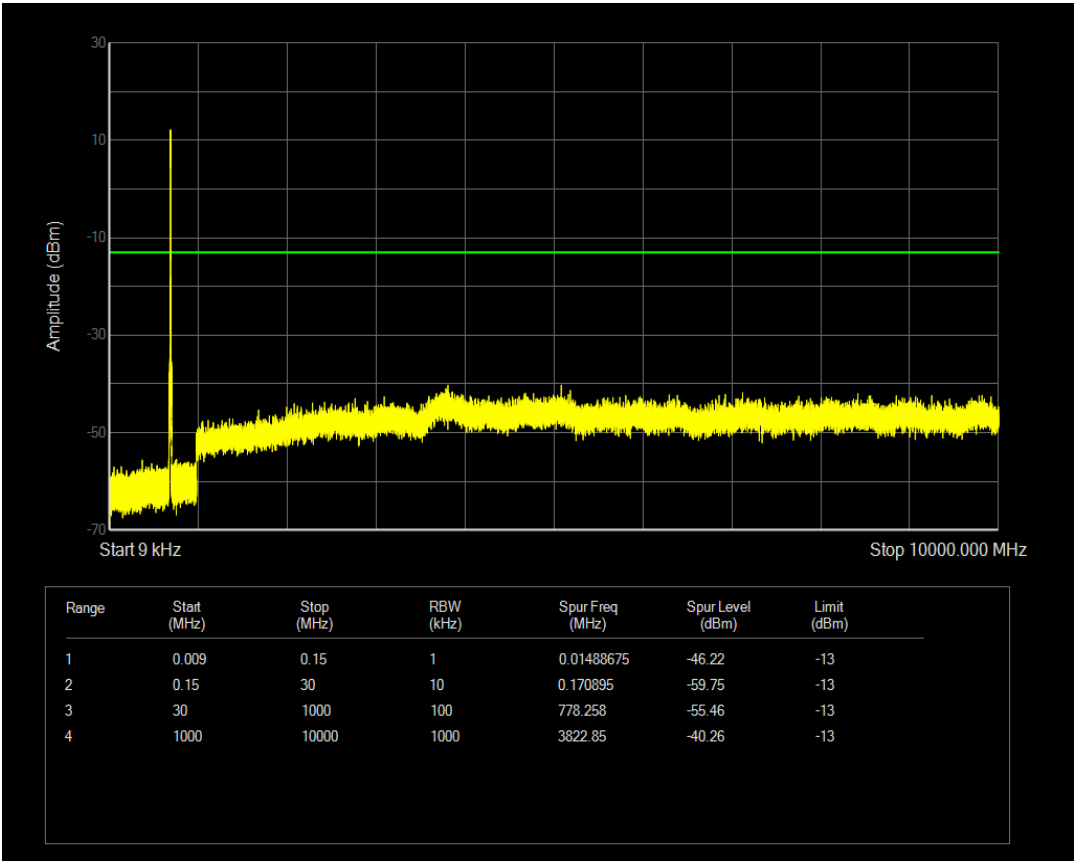
Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0



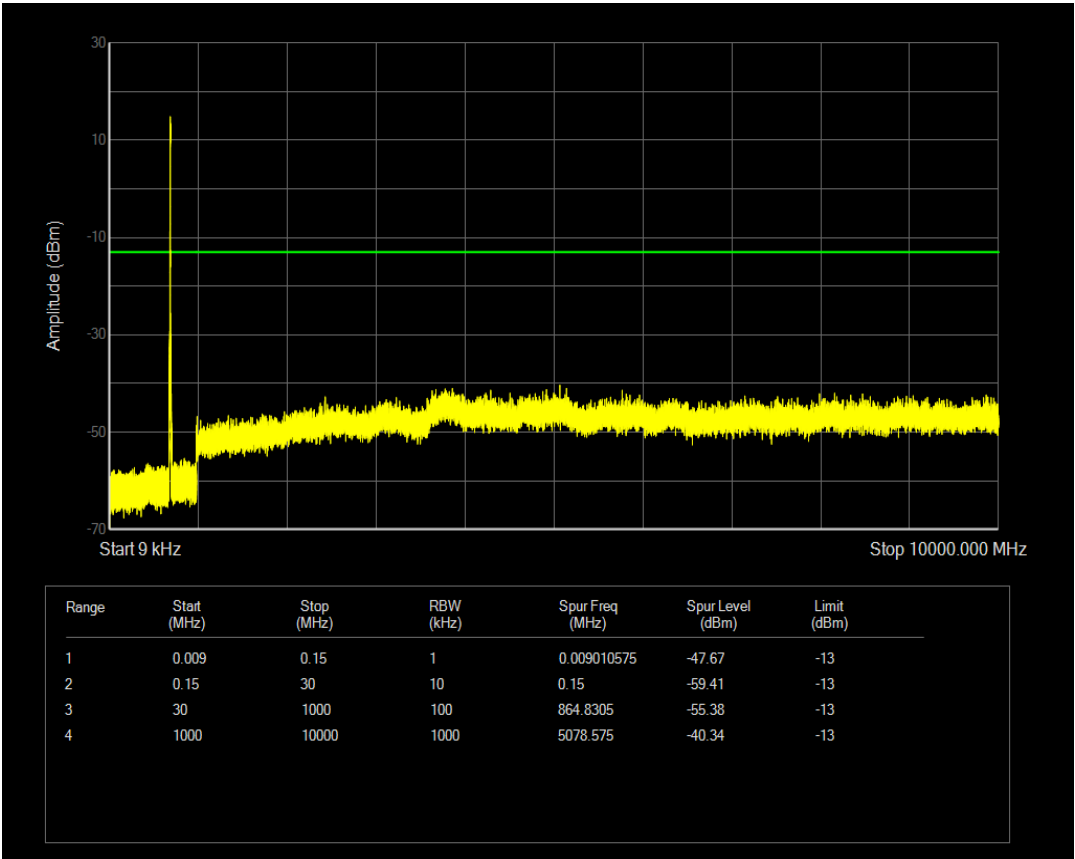
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



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

