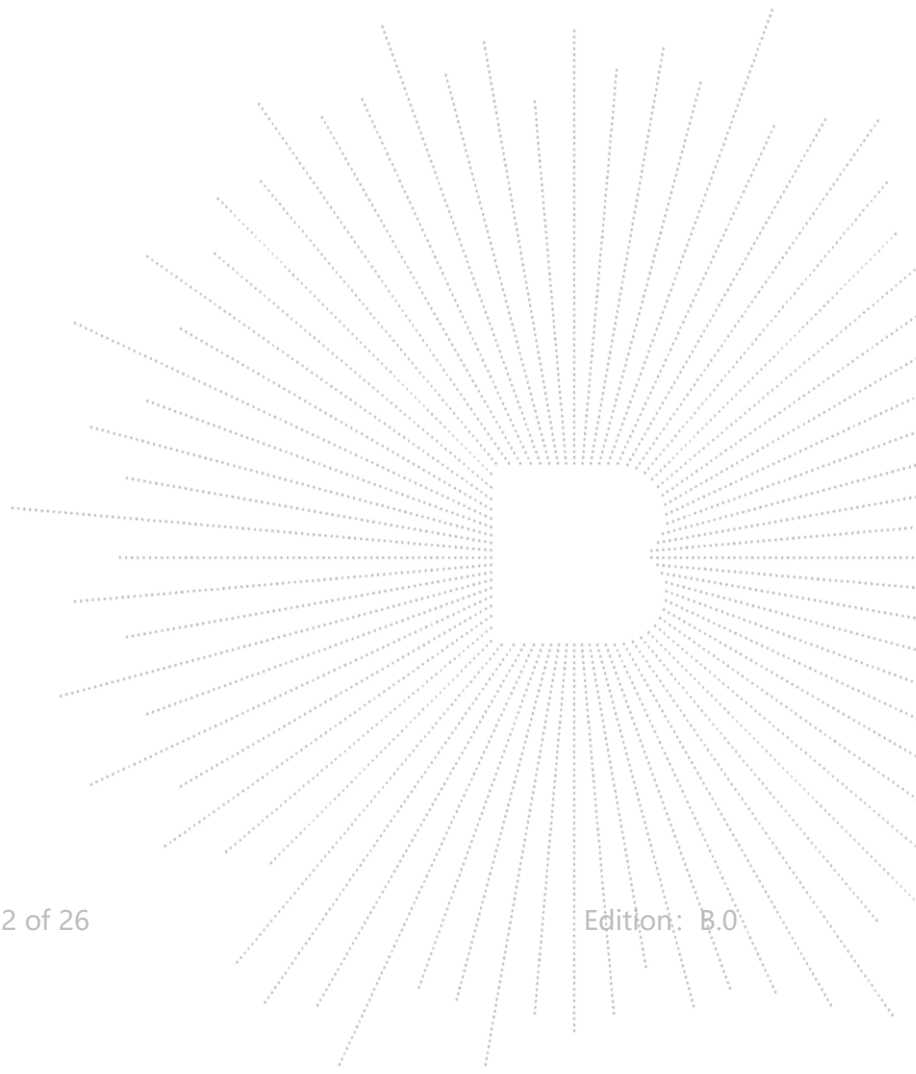


Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band14	5	23305	1	#0	QPSK	23.36	PASS
Band14	5	23305	1	#Mid	QPSK	23.72	PASS
Band14	5	23305	1	#Max	QPSK	23.50	PASS
Band14	5	23305	12	#0	QPSK	22.66	PASS
Band14	5	23305	12	#Mid	QPSK	22.70	PASS
Band14	5	23305	12	#Max	QPSK	22.59	PASS
Band14	5	23305	25	#0	QPSK	22.66	PASS
Band14	5	23305	1	#0	16QAM	22.35	PASS
Band14	5	23305	1	#Mid	16QAM	22.67	PASS
Band14	5	23305	1	#Max	16QAM	22.49	PASS
Band14	5	23305	12	#0	16QAM	21.33	PASS
Band14	5	23305	12	#Mid	16QAM	21.37	PASS
Band14	5	23305	12	#Max	16QAM	21.29	PASS
Band14	5	23305	25	#0	16QAM	21.62	PASS
Band14	5	23330	1	#0	QPSK	23.40	PASS
Band14	5	23330	1	#Mid	QPSK	23.79	PASS
Band14	5	23330	1	#Max	QPSK	23.71	PASS
Band14	5	23330	12	#0	QPSK	22.57	PASS
Band14	5	23330	12	#Mid	QPSK	22.74	PASS
Band14	5	23330	12	#Max	QPSK	22.69	PASS
Band14	5	23330	25	#0	QPSK	22.67	PASS
Band14	5	23330	1	#0	16QAM	22.36	PASS
Band14	5	23330	1	#Mid	16QAM	22.72	PASS
Band14	5	23330	1	#Max	16QAM	22.65	PASS
Band14	5	23330	12	#0	16QAM	21.35	PASS
Band14	5	23330	12	#Mid	16QAM	21.39	PASS
Band14	5	23330	12	#Max	16QAM	21.41	PASS
Band14	5	23330	25	#0	16QAM	21.59	PASS
Band14	5	23355	1	#0	QPSK	23.62	PASS
Band14	5	23355	1	#Mid	QPSK	23.96	PASS
Band14	5	23355	1	#Max	QPSK	23.58	PASS
Band14	5	23355	12	#0	QPSK	22.64	PASS
Band14	5	23355	12	#Mid	QPSK	22.79	PASS
Band14	5	23355	12	#Max	QPSK	22.63	PASS
Band14	5	23355	25	#0	QPSK	22.67	PASS
Band14	5	23355	1	#0	16QAM	22.54	PASS
Band14	5	23355	1	#Mid	16QAM	22.86	PASS
Band14	5	23355	1	#Max	16QAM	22.46	PASS
Band14	5	23355	12	#0	16QAM	21.69	PASS
Band14	5	23355	12	#Mid	16QAM	21.78	PASS

Band14	5	23355	12	#Max	16QAM	21.50	PASS
Band14	5	23355	25	#0	16QAM	21.58	PASS
Band14	10	23330	1	#0	QPSK	23.68	PASS
Band14	10	23330	1	#Mid	QPSK	23.79	PASS
Band14	10	23330	1	#Max	QPSK	23.69	PASS
Band14	10	23330	25	#0	QPSK	22.65	PASS
Band14	10	23330	25	#Mid	QPSK	22.73	PASS
Band14	10	23330	25	#Max	QPSK	22.67	PASS
Band14	10	23330	50	#0	QPSK	22.68	PASS
Band14	10	23330	1	#0	16QAM	22.53	PASS
Band14	10	23330	1	#Mid	16QAM	22.70	PASS
Band14	10	23330	1	#Max	16QAM	22.50	PASS
Band14	10	23330	25	#0	16QAM	21.60	PASS
Band14	10	23330	25	#Mid	16QAM	21.54	PASS
Band14	10	23330	25	#Max	16QAM	21.57	PASS
Band14	10	23330	50	#0	16QAM	21.62	PASS



Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band 14	5	23305	25	#0	QPSK	LV	NT	-2.46	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	QPSK	NV	NT	-2.40	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	QPSK	HV	NT	-2.27	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	16QAM	LV	NT	-1.50	-0.02	-2.5	2.5	PASS
Band 14	5	23305	25	#0	16QAM	NV	NT	-2.09	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	16QAM	HV	NT	-1.49	-0.02	-2.5	2.5	PASS
Band 14	5	23330	25	#0	QPSK	LV	NT	-1.63	-0.02	-2.5	2.5	PASS
Band 14	5	23330	25	#0	QPSK	NV	NT	-0.92	-0.01	-2.5	2.5	PASS
Band 14	5	23330	25	#0	QPSK	HV	NT	-0.84	-0.01	-2.5	2.5	PASS
Band 14	5	23330	25	#0	16QAM	LV	NT	-1.34	-0.02	-2.5	2.5	PASS
Band 14	5	23330	25	#0	16QAM	NV	NT	-0.92	-0.01	-2.5	2.5	PASS
Band 14	5	23330	25	#0	16QAM	HV	NT	-1.47	-0.02	-2.5	2.5	PASS
Band 14	5	23355	25	#0	QPSK	LV	NT	-0.69	-0.01	-2.5	2.5	PASS
Band 14	5	23355	25	#0	QPSK	NV	NT	0.19	0.00	-2.5	2.5	PASS
Band 14	5	23355	25	#0	QPSK	HV	NT	-0.82	-0.01	-2.5	2.5	PASS
Band 14	5	23355	25	#0	16QAM	LV	NT	-1.60	-0.02	-2.5	2.5	PASS
Band 14	5	23355	25	#0	16QAM	NV	NT	-0.16	0.00	-2.5	2.5	PASS
Band 14	5	23355	25	#0	16QAM	HV	NT	-0.27	0.00	-2.5	2.5	PASS

Band 14	10	23330	50	#0	QPSK	LV	NT	-1.26	-0.02	-2.5	2.5	PASS
Band 14	10	23330	50	#0	QPSK	NV	NT	-1.42	-0.02	-2.5	2.5	PASS
Band 14	10	23330	50	#0	QPSK	HV	NT	-1.16	-0.01	-2.5	2.5	PASS
Band 14	10	23330	50	#0	16QAM	LV	NT	-1.07	-0.01	-2.5	2.5	PASS
Band 14	10	23330	50	#0	16QAM	NV	NT	-0.94	-0.01	-2.5	2.5	PASS
Band 14	10	23330	50	#0	16QAM	HV	NT	-1.47	-0.02	-2.5	2.5	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band 14	5	23305	25	#0	QPSK	NV	-30	-2.02	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	QPSK	NV	-20	-2.15	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	QPSK	NV	-10	-2.23	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	QPSK	NV	0	-1.77	-0.02	-2.5	2.5	PASS
Band 14	5	23305	25	#0	QPSK	NV	10	-1.30	-0.02	-2.5	2.5	PASS
Band 14	5	23305	25	#0	QPSK	NV	20	-2.27	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	QPSK	NV	30	-2.00	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	QPSK	NV	40	-2.03	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	QPSK	NV	50	-2.42	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	16QAM	NV	-30	-2.06	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	16QAM	NV	-20	-1.90	-0.02	-2.5	2.5	PASS
Band 14	5	23305	25	#0	16QAM	NV	-10	-1.62	-0.02	-2.5	2.5	PASS
Band 14	5	23305	25	#0	16QAM	NV	0	-2.06	-0.03	-2.5	2.5	PASS

Band 14	5	23305	25	#0	16QAM	NV	10	-2.07	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	16QAM	NV	20	-2.69	-0.03	-2.5	2.5	PASS
Band 14	5	23305	25	#0	16QAM	NV	30	-1.82	-0.02	-2.5	2.5	PASS
Band 14	5	23305	25	#0	16QAM	NV	40	-1.73	-0.02	-2.5	2.5	PASS
Band 14	5	23305	25	#0	16QAM	NV	50	-1.90	-0.02	-2.5	2.5	PASS
Band 14	5	23330	25	#0	QPSK	NV	-30	-0.89	-0.01	-2.5	2.5	PASS
Band 14	5	23330	25	#0	QPSK	NV	-20	0.14	0.00	-2.5	2.5	PASS
Band 14	5	23330	25	#0	QPSK	NV	-10	0.33	0.00	-2.5	2.5	PASS
Band 14	5	23330	25	#0	QPSK	NV	0	-0.51	-0.01	-2.5	2.5	PASS
Band 14	5	23330	25	#0	QPSK	NV	10	-1.22	-0.02	-2.5	2.5	PASS
Band 14	5	23330	25	#0	QPSK	NV	20	-0.72	-0.01	-2.5	2.5	PASS
Band 14	5	23330	25	#0	QPSK	NV	30	-0.96	-0.01	-2.5	2.5	PASS
Band 14	5	23330	25	#0	QPSK	NV	40	-0.53	-0.01	-2.5	2.5	PASS
Band 14	5	23330	25	#0	QPSK	NV	50	-0.59	-0.01	-2.5	2.5	PASS
Band 14	5	23330	25	#0	16QAM	NV	-30	-0.33	0.00	-2.5	2.5	PASS
Band 14	5	23330	25	#0	16QAM	NV	-20	-0.23	0.00	-2.5	2.5	PASS
Band 14	5	23330	25	#0	16QAM	NV	-10	-1.34	-0.02	-2.5	2.5	PASS
Band 14	5	23330	25	#0	16QAM	NV	0	-1.87	-0.02	-2.5	2.5	PASS
Band 14	5	23330	25	#0	16QAM	NV	10	-1.12	-0.01	-2.5	2.5	PASS
Band 14	5	23330	25	#0	16QAM	NV	20	0.24	0.00	-2.5	2.5	PASS
Band 14	5	23330	25	#0	16QAM	NV	30	-1.24	-0.02	-2.5	2.5	PASS
Band 14	5	23330	25	#0	16QAM	NV	40	-0.67	-0.01	-2.5	2.5	PASS

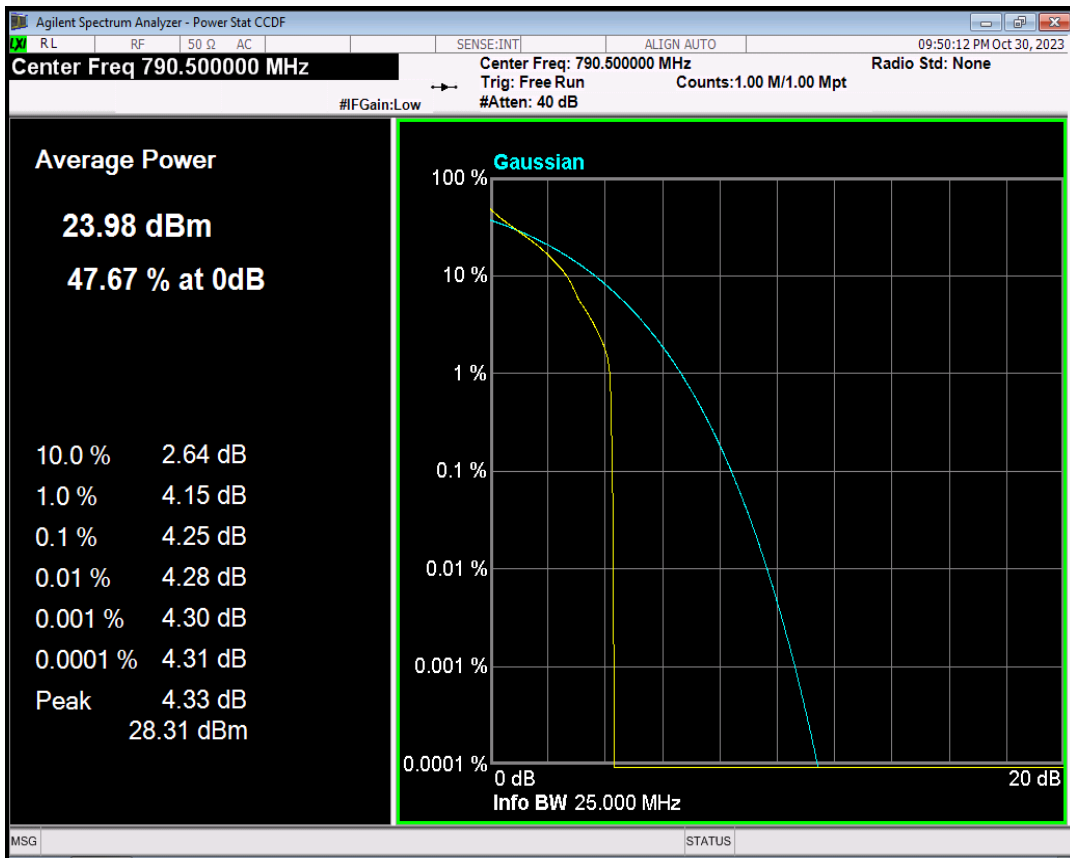
Band 14	5	23330	25	#0	16QAM	NV	50	-0.8 2	-0.0 01	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	QPSK	NV	-30	-0.5 7	-0.0 01	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	QPSK	NV	-20	-1.0 6	-0.0 01	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	QPSK	NV	-10	-0.0 9	0.00 0	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	QPSK	NV	0	-0.4 3	-0.0 01	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	QPSK	NV	10	-0.5 3	-0.0 01	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	QPSK	NV	20	-1.2 0	-0.0 02	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	QPSK	NV	30	-0.4 4	-0.0 01	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	QPSK	NV	40	0.14	0.00 0	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	QPSK	NV	50	0.90	0.00 1	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	16QAM	NV	-30	-0.2 9	0.00 0	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	16QAM	NV	-20	-0.2 7	0.00 0	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	16QAM	NV	-10	-0.1 7	0.00 0	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	16QAM	NV	0	-1.5 6	-0.0 02	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	16QAM	NV	10	0.11	0.00 0	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	16QAM	NV	20	-0.0 1	0.00 0	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	16QAM	NV	30	-0.7 2	-0.0 01	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	16QAM	NV	40	0.26	0.00 0	-2.5	2.5	PAS S
Band 14	5	23355	25	#0	16QAM	NV	50	-0.1 3	0.00 0	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	QPSK	NV	-30	-1.6 5	-0.0 02	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	QPSK	NV	-20	-0.6 0	-0.0 01	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	QPSK	NV	-10	-1.4 4	-0.0 02	-2.5	2.5	PAS S

Band 14	10	23330	50	#0	QPSK	NV	0	-1.2 0	-0.0 02	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	QPSK	NV	10	-1.8 7	-0.0 02	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	QPSK	NV	20	-2.0 0	-0.0 03	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	QPSK	NV	30	-0.9 7	-0.0 01	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	QPSK	NV	40	-0.8 7	-0.0 01	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	QPSK	NV	50	-1.3 9	-0.0 02	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	16QAM	NV	-30	-1.7 3	-0.0 02	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	16QAM	NV	-20	-1.5 3	-0.0 02	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	16QAM	NV	-10	-0.9 4	-0.0 01	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	16QAM	NV	0	-0.5 1	-0.0 01	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	16QAM	NV	10	-1.1 2	-0.0 01	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	16QAM	NV	20	-1.2 9	-0.0 02	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	16QAM	NV	30	-1.2 2	-0.0 02	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	16QAM	NV	40	-1.4 3	-0.0 02	-2.5	2.5	PAS S
Band 14	10	23330	50	#0	16QAM	NV	50	-0.9 7	-0.0 01	-2.5	2.5	PAS S

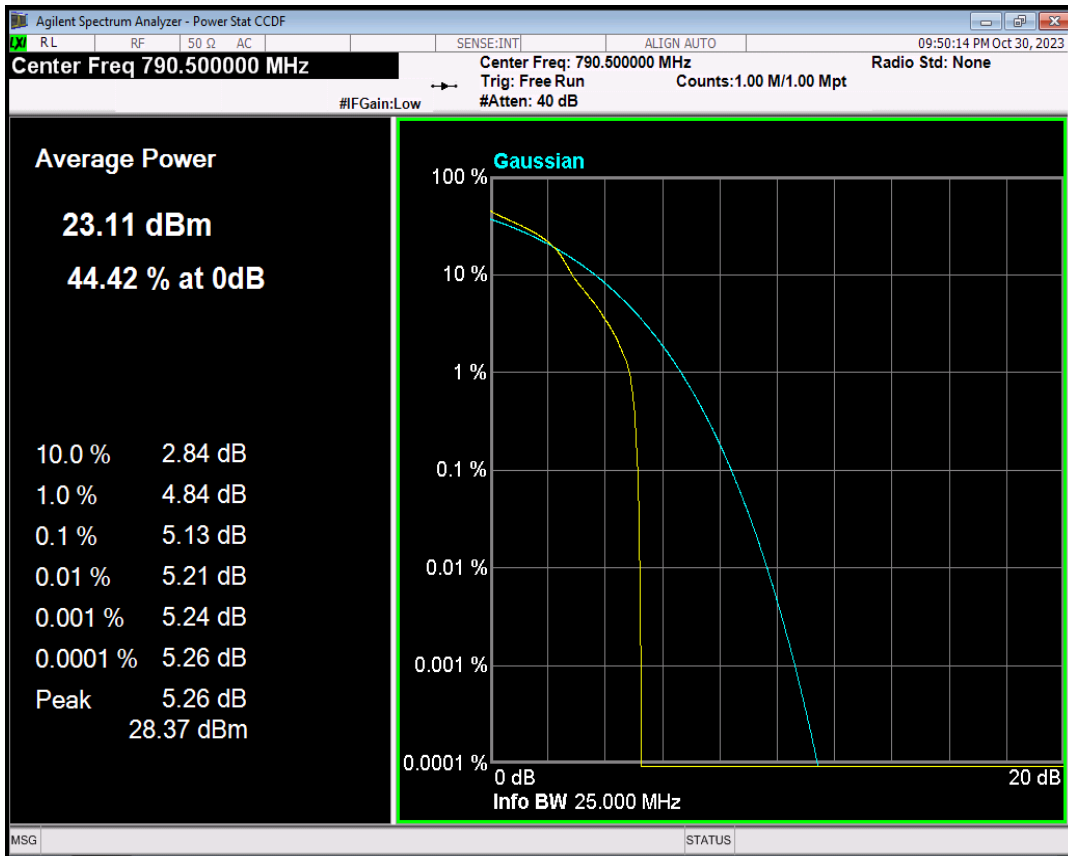
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band14	5	23305	1	#0	QPSK	4.25	13	PASS
Band14	5	23305	1	#0	16QAM	5.13	13	PASS
Band14	5	23330	1	#0	QPSK	4.31	13	PASS
Band14	5	23330	1	#0	16QAM	5.12	13	PASS
Band14	5	23355	1	#0	QPSK	4.29	13	PASS
Band14	5	23355	1	#0	16QAM	5.26	13	PASS
Band14	10	23330	1	#0	QPSK	4.08	13	PASS
Band14	10	23330	1	#0	16QAM	5.07	13	PASS

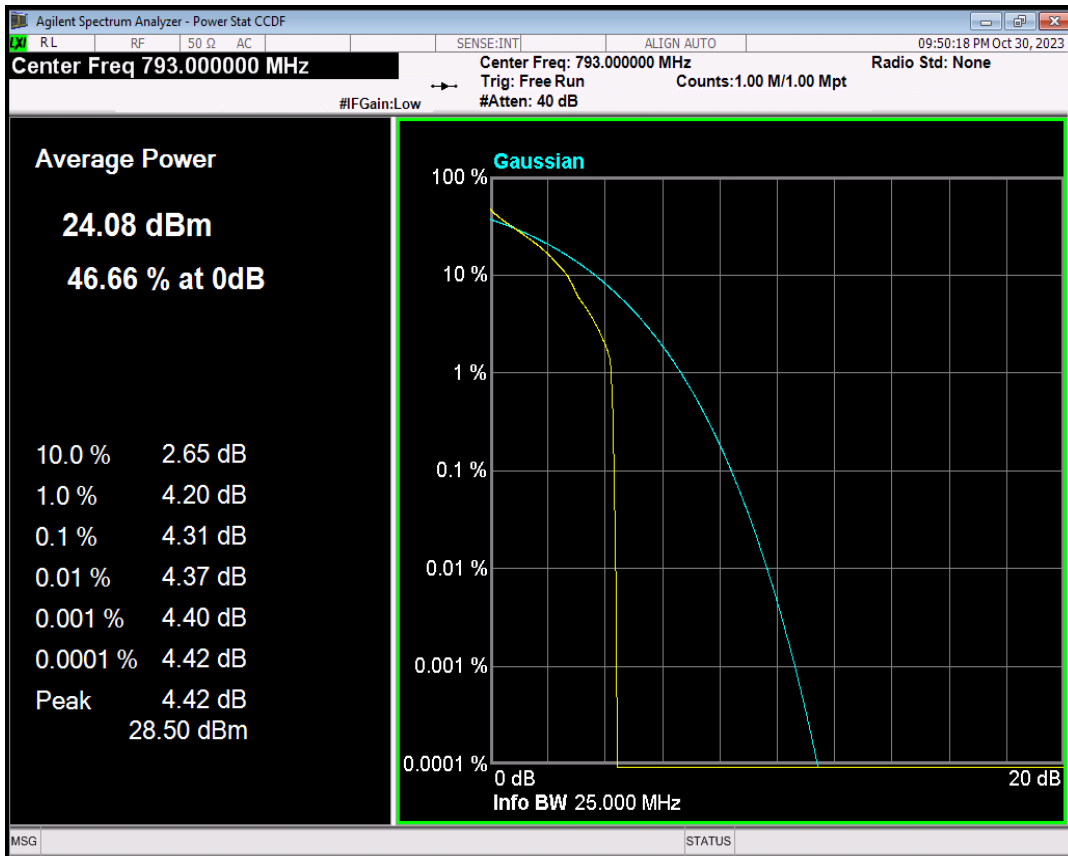
Band14 QPSK BW=5MHz Channel=23305 RB Size=1 Position=#0



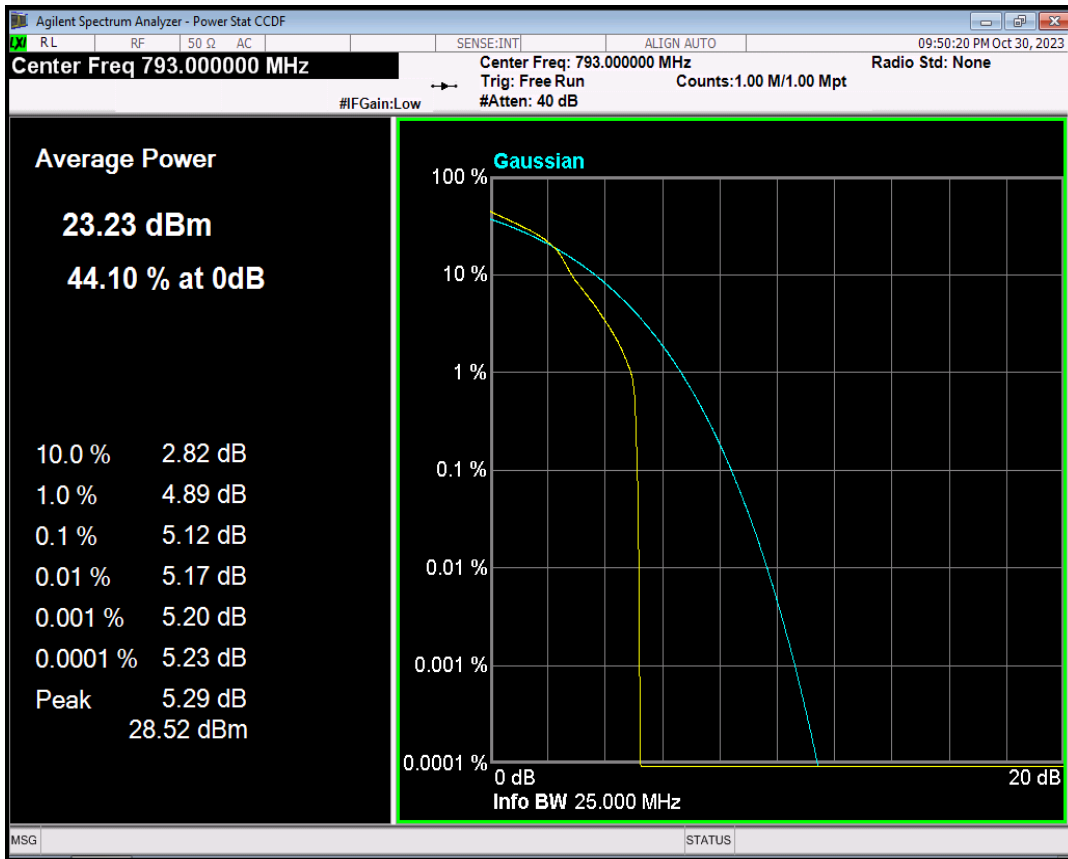
Band14 16QAM BW=5MHz Channel=23305 RB Size=1 Position=#0



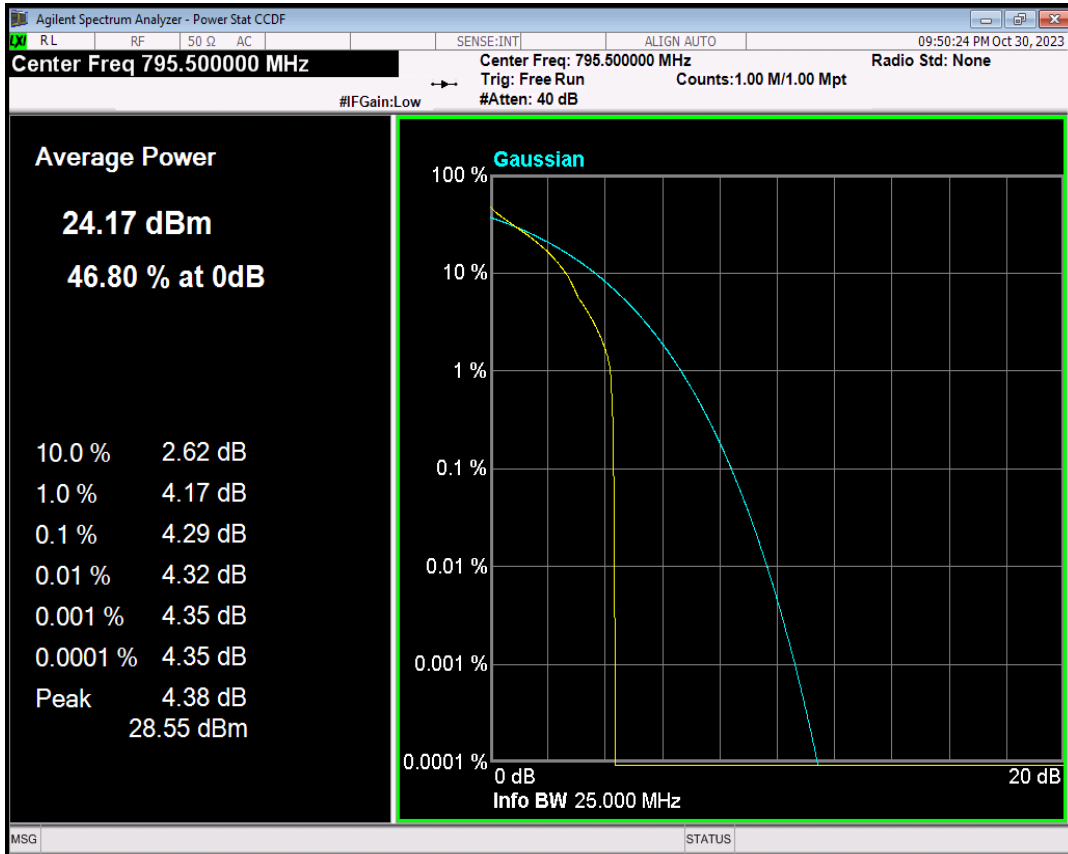
Band14 QPSK BW=5MHz Channel=23330 RB Size=1 Position=#0



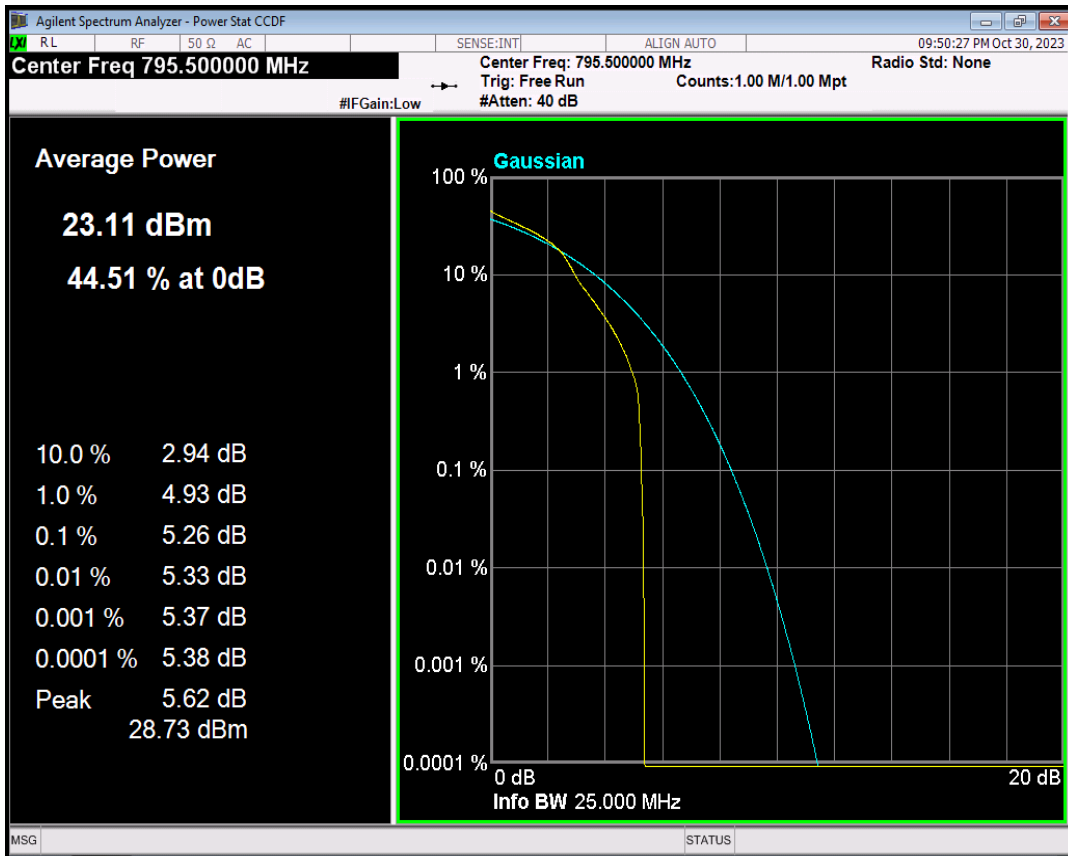
Band14 16QAM BW=5MHz Channel=23330 RB Size=1 Position=#0



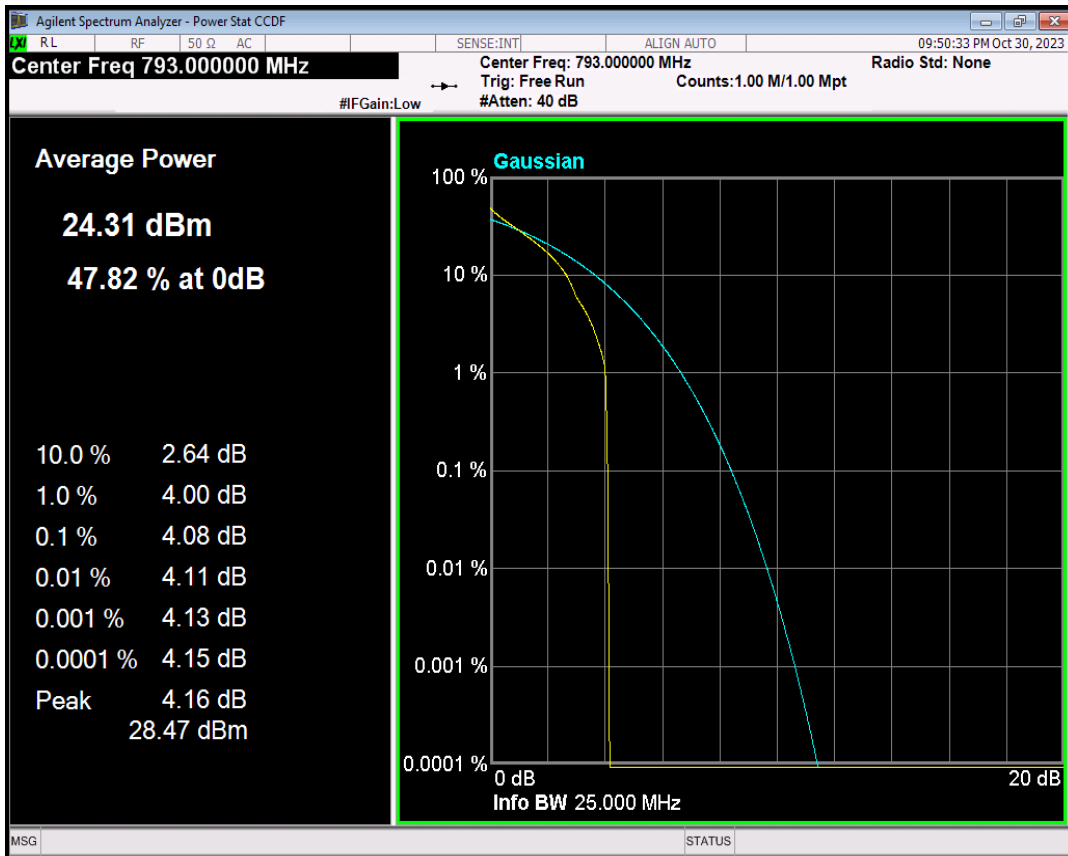
Band14 QPSK BW=5MHz Channel=23355 RB Size=1 Position=#0



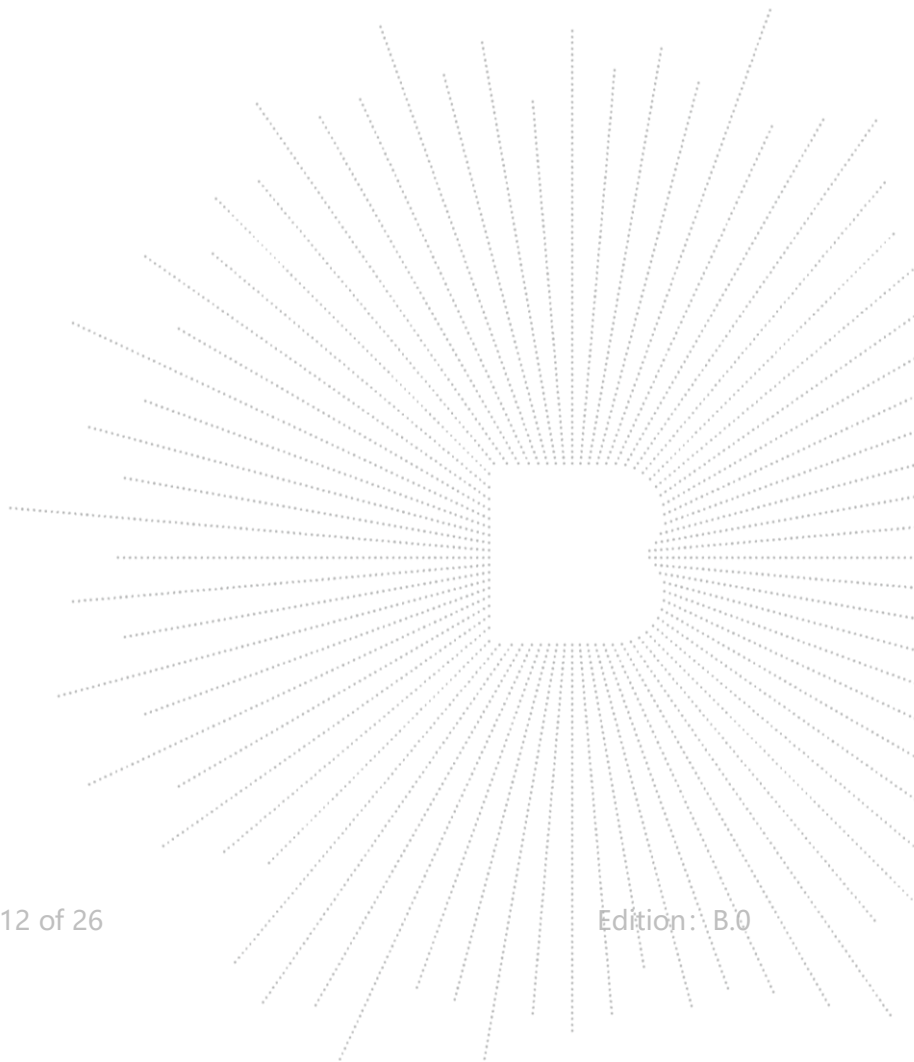
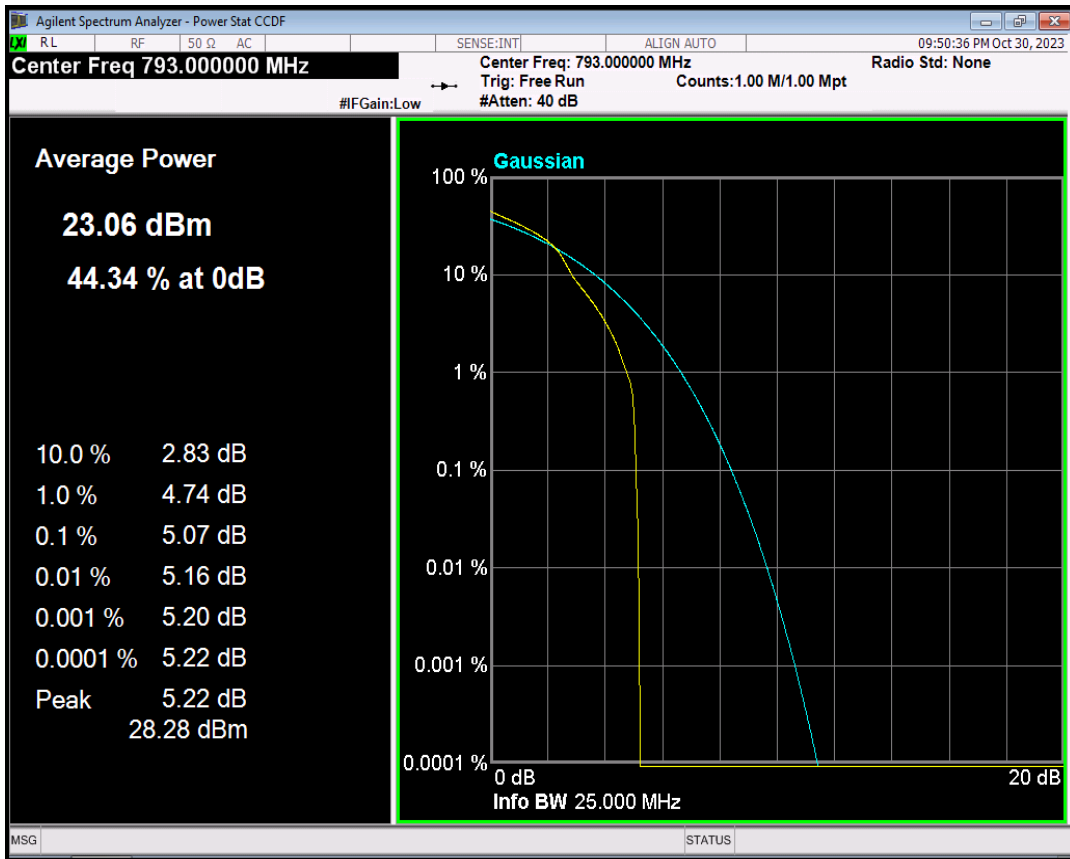
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Band14 QPSK BW=10MHz Channel=23330 RB Size=1 Position=#0



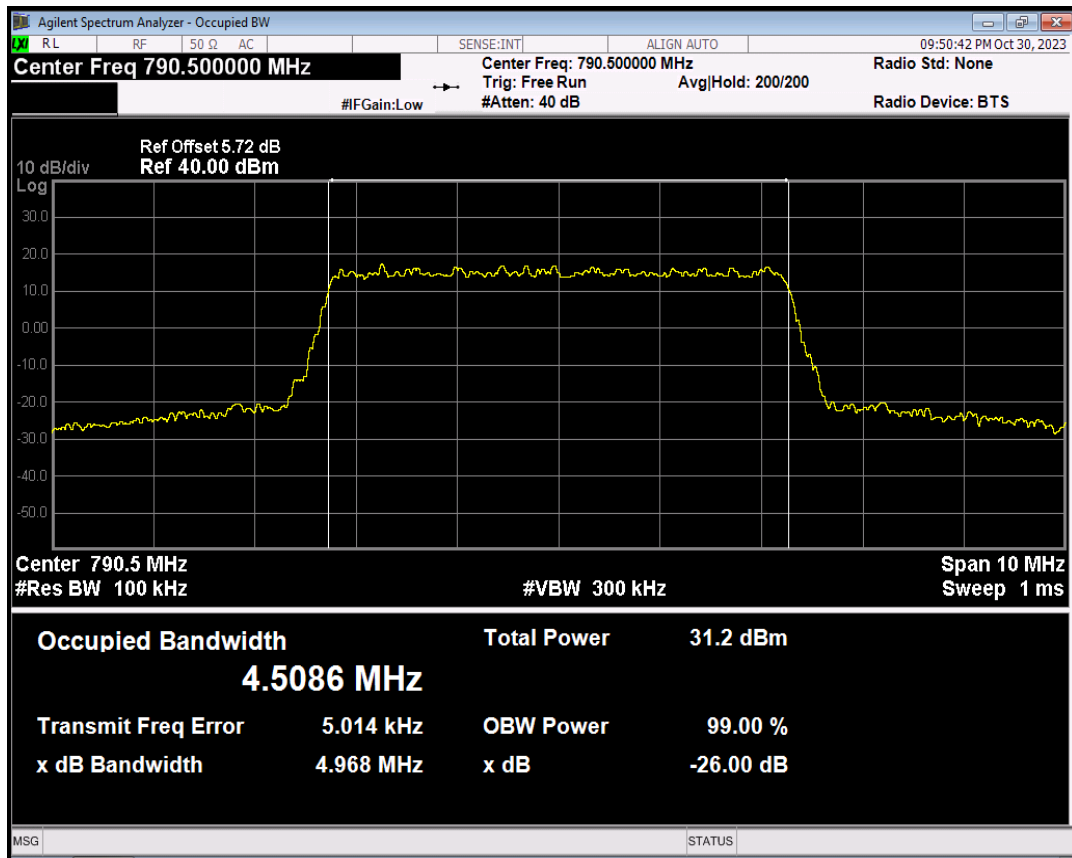
Band14 16QAM BW=10MHz Channel=23330 RB Size=1 Position=#0



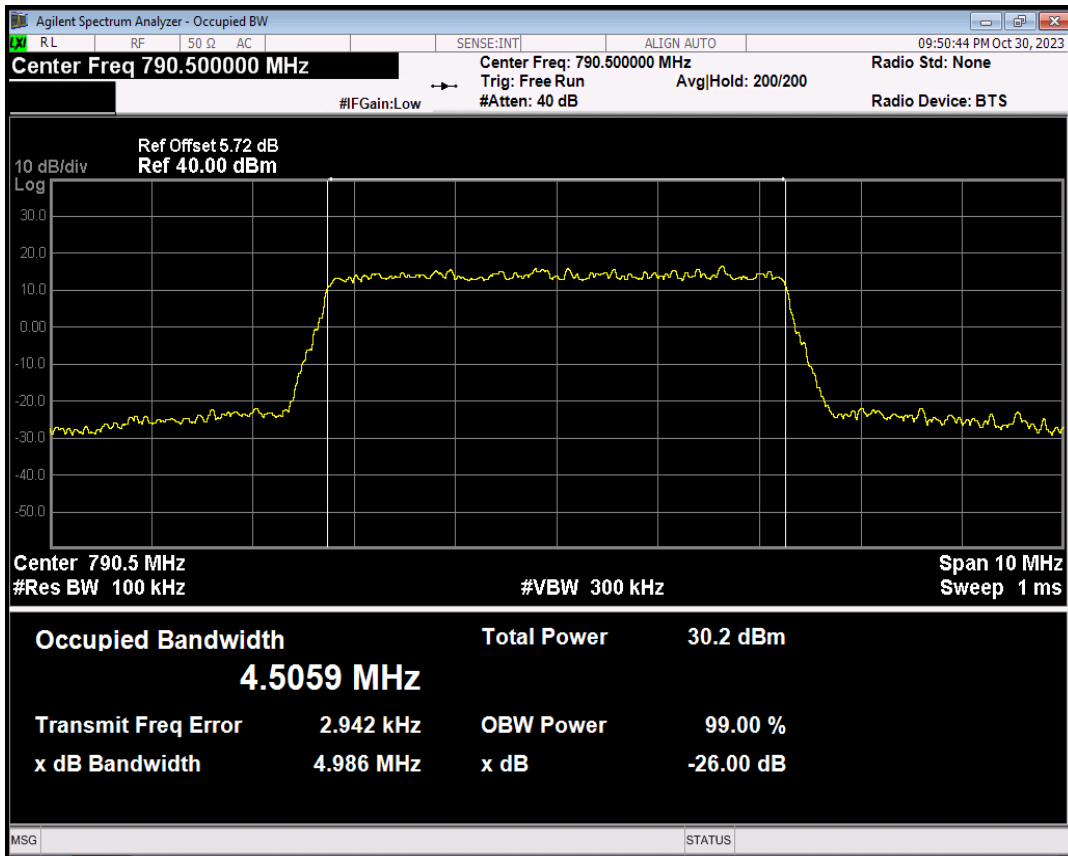
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band14	5	23305	25	#0	QPSK	4.509	4.968	PASS
Band14	5	23305	25	#0	16QAM	4.506	4.986	PASS
Band14	5	23330	25	#0	QPSK	4.519	4.956	PASS
Band14	5	23330	25	#0	16QAM	4.497	4.960	PASS
Band14	5	23355	25	#0	QPSK	4.515	5.009	PASS
Band14	5	23355	25	#0	16QAM	4.515	4.941	PASS
Band14	10	23330	50	#0	QPSK	8.960	9.762	PASS
Band14	10	23330	50	#0	16QAM	8.936	9.786	PASS

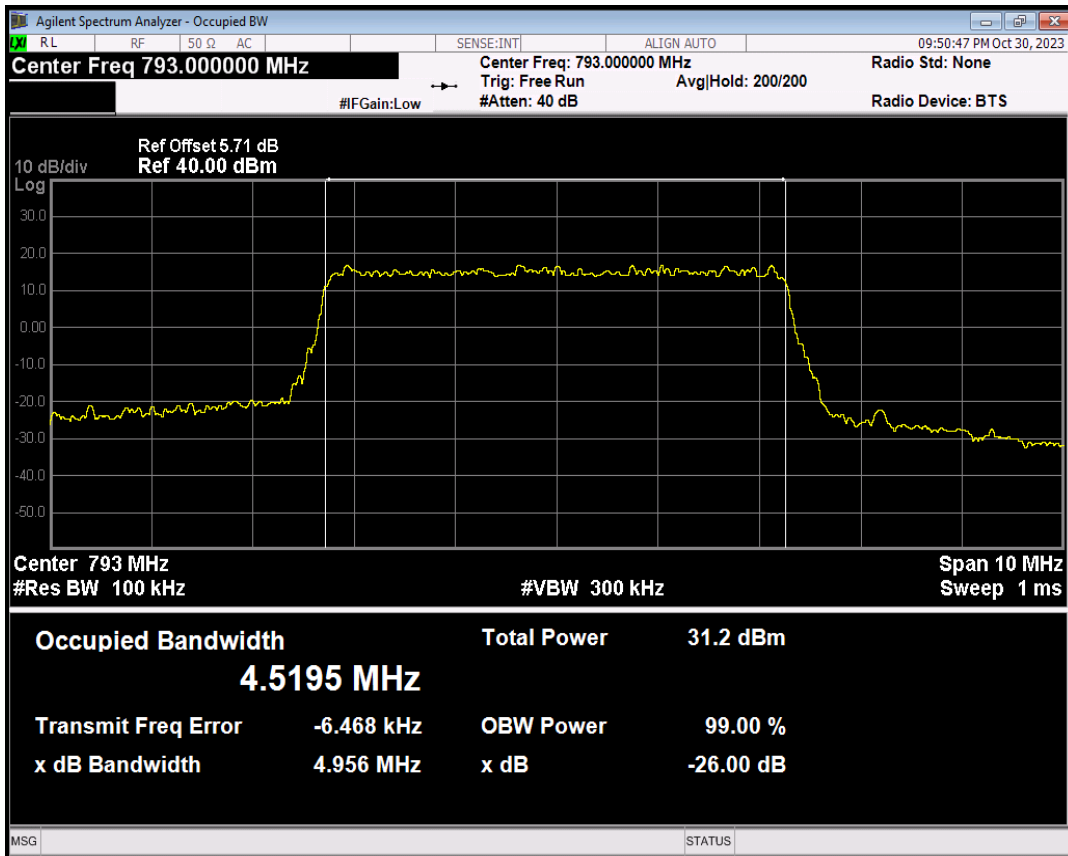
Band14 QPSK BW=5MHz Channel=23305 RB Size=25 Position=#0



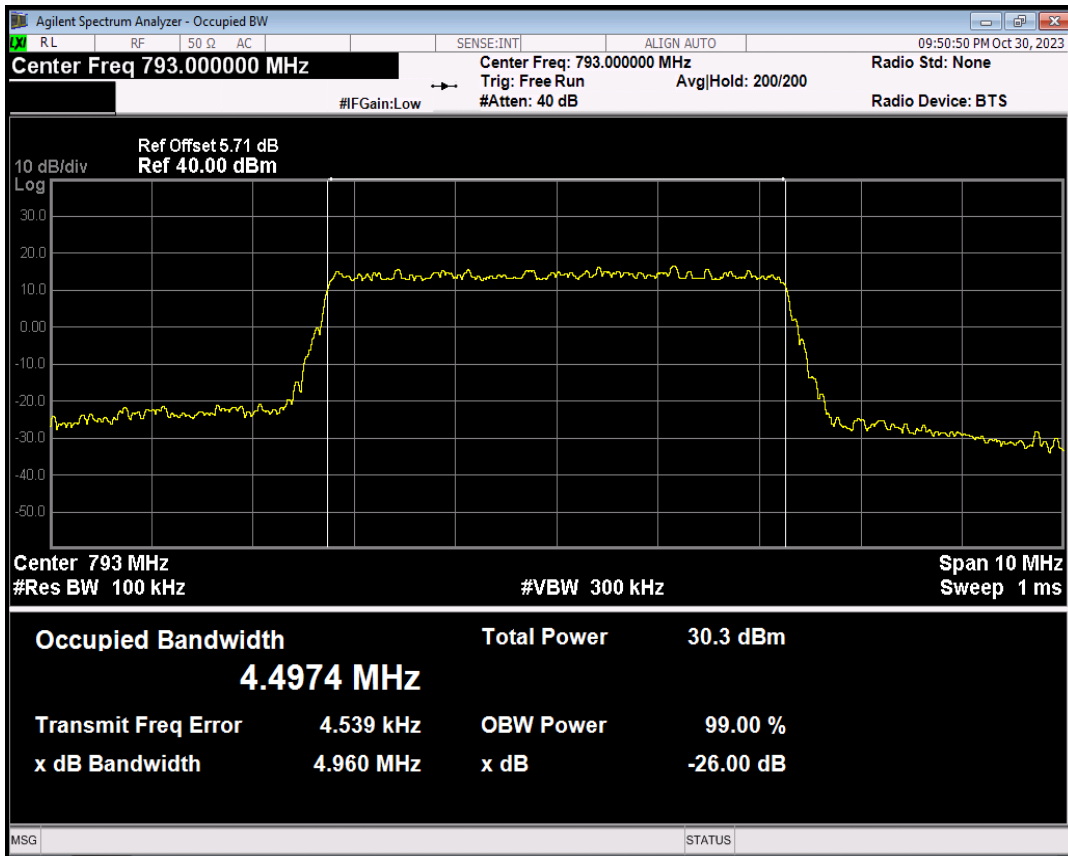
Band14 16QAM BW=5MHz Channel=23305 RB Size=25 Position=#0



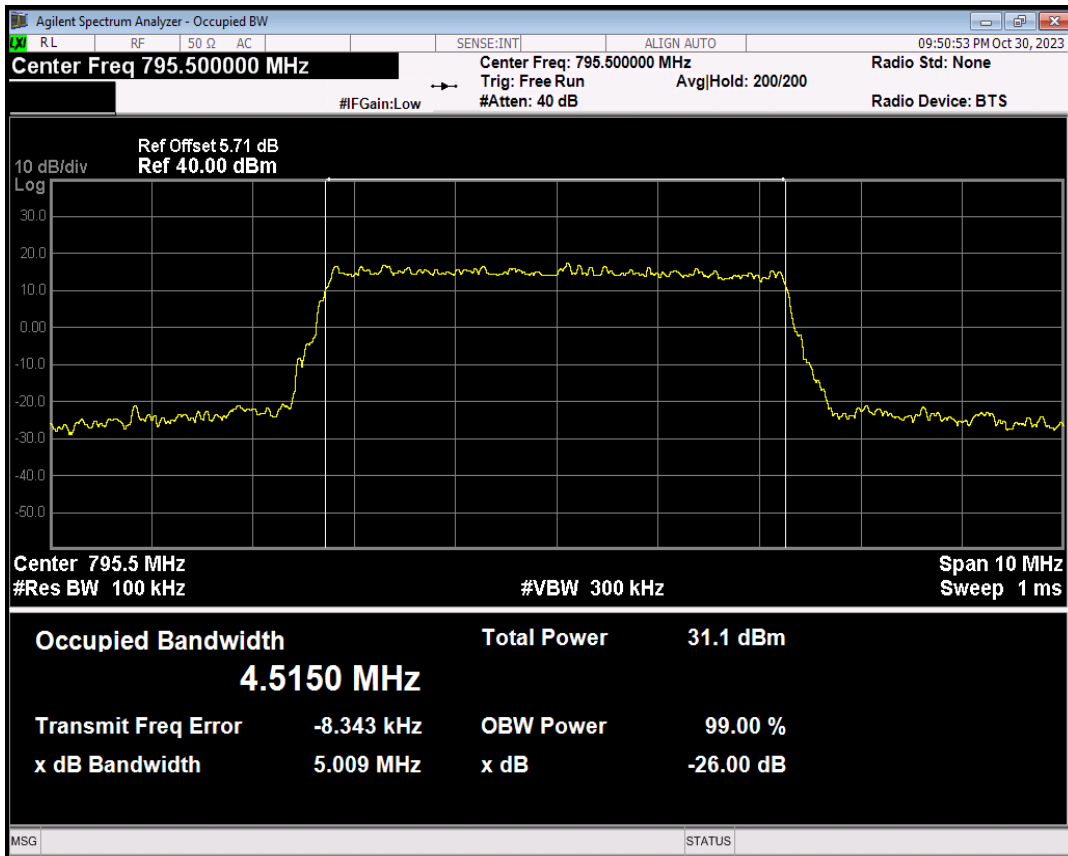
Band14 QPSK BW=5MHz Channel=23330 RB Size=25 Position=#0



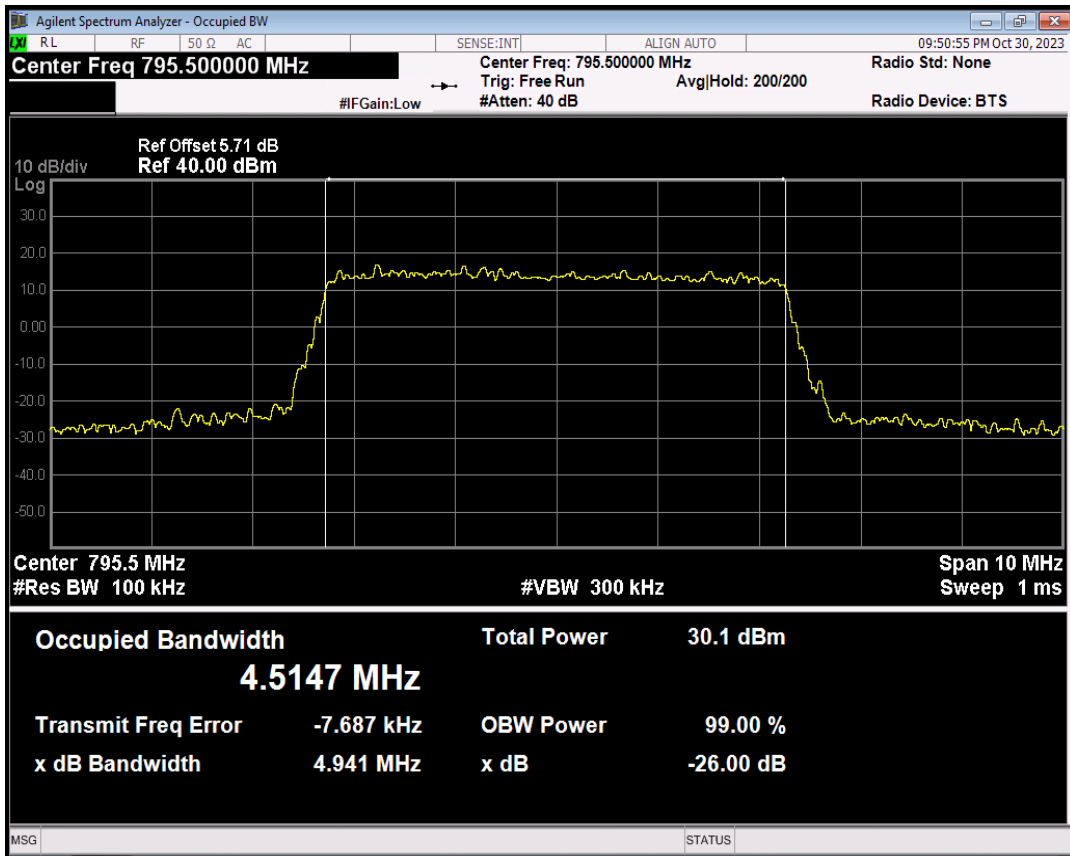
Band14 16QAM BW=5MHz Channel=23330 RB Size=25 Position=#0



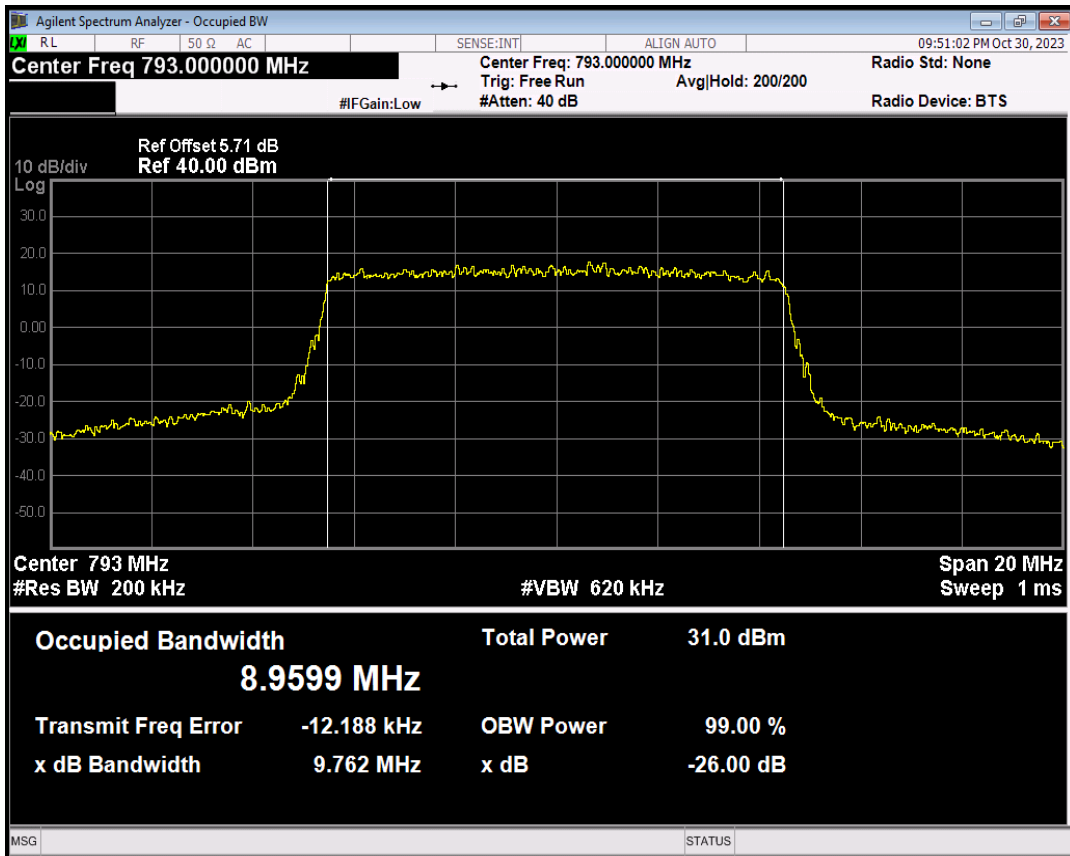
Band14 QPSK BW=5MHz Channel=23355 RB Size=25 Position=#0



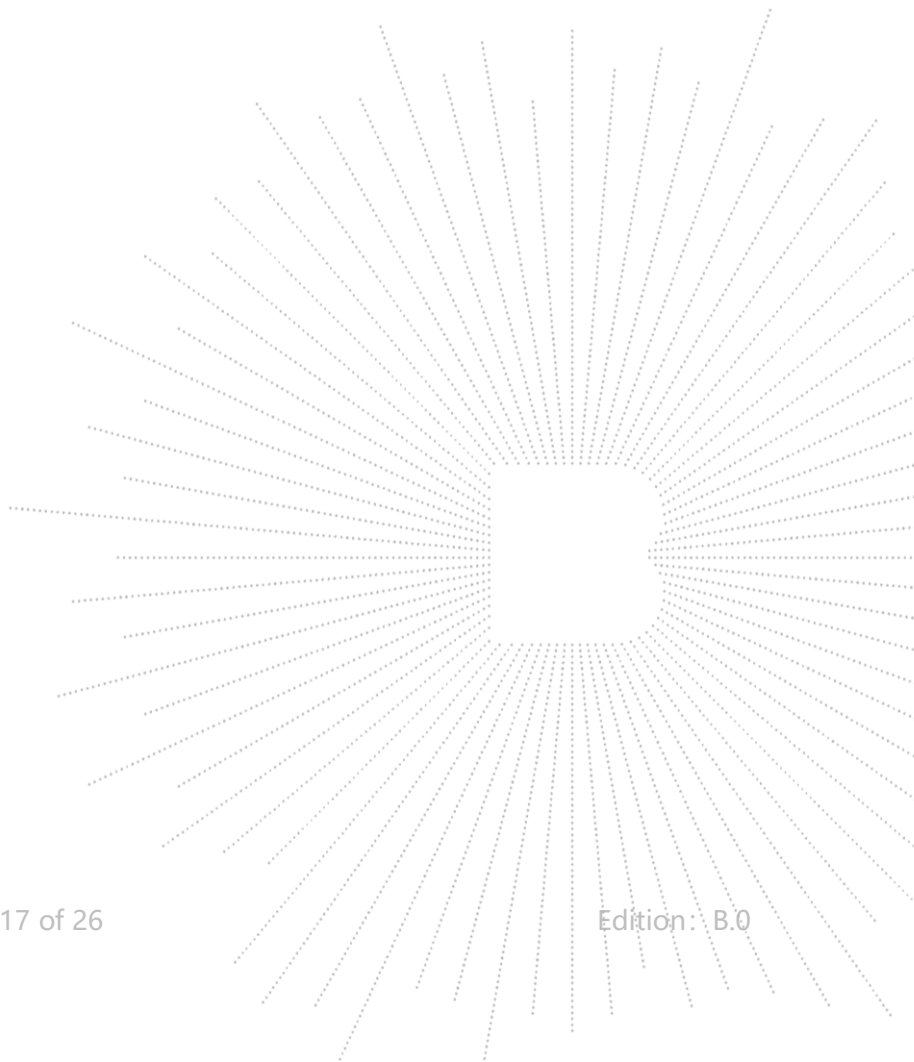
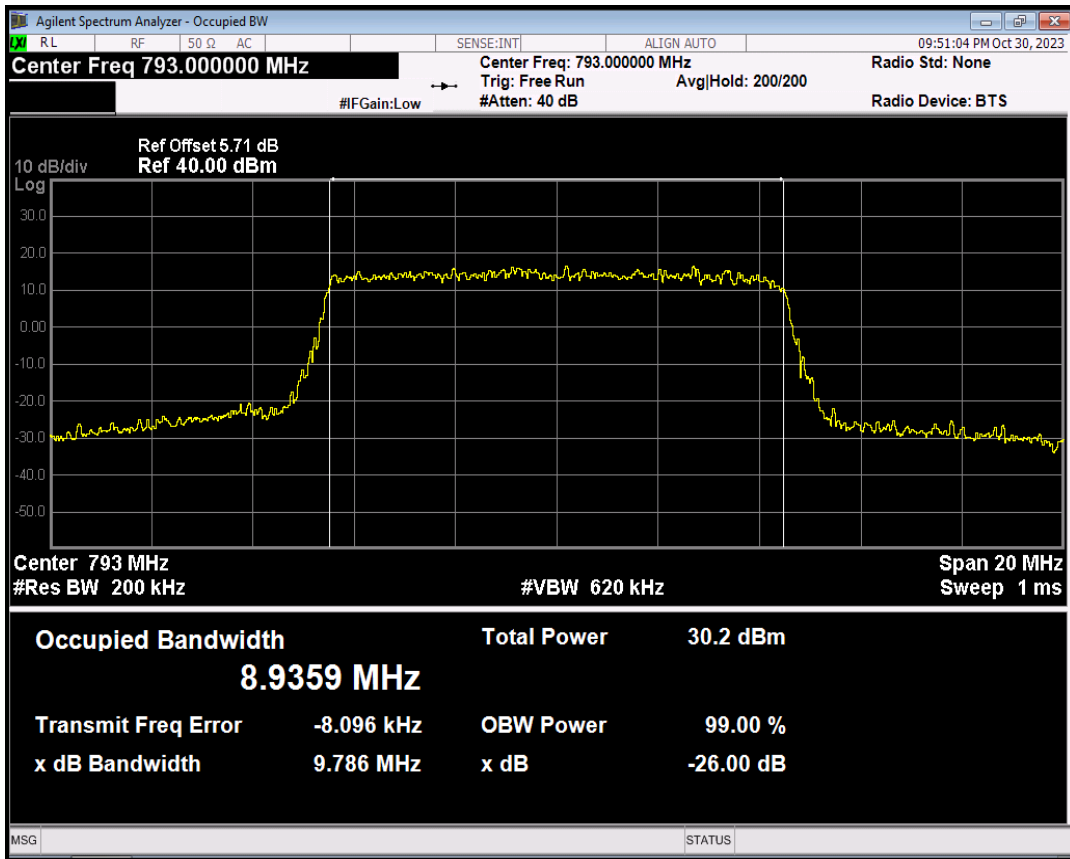
Band14 16QAM BW=5MHz Channel=23355 RB Size=25 Position=#0



Band14 QPSK BW=10MHz Channel=23330 RB Size=50 Position=#0



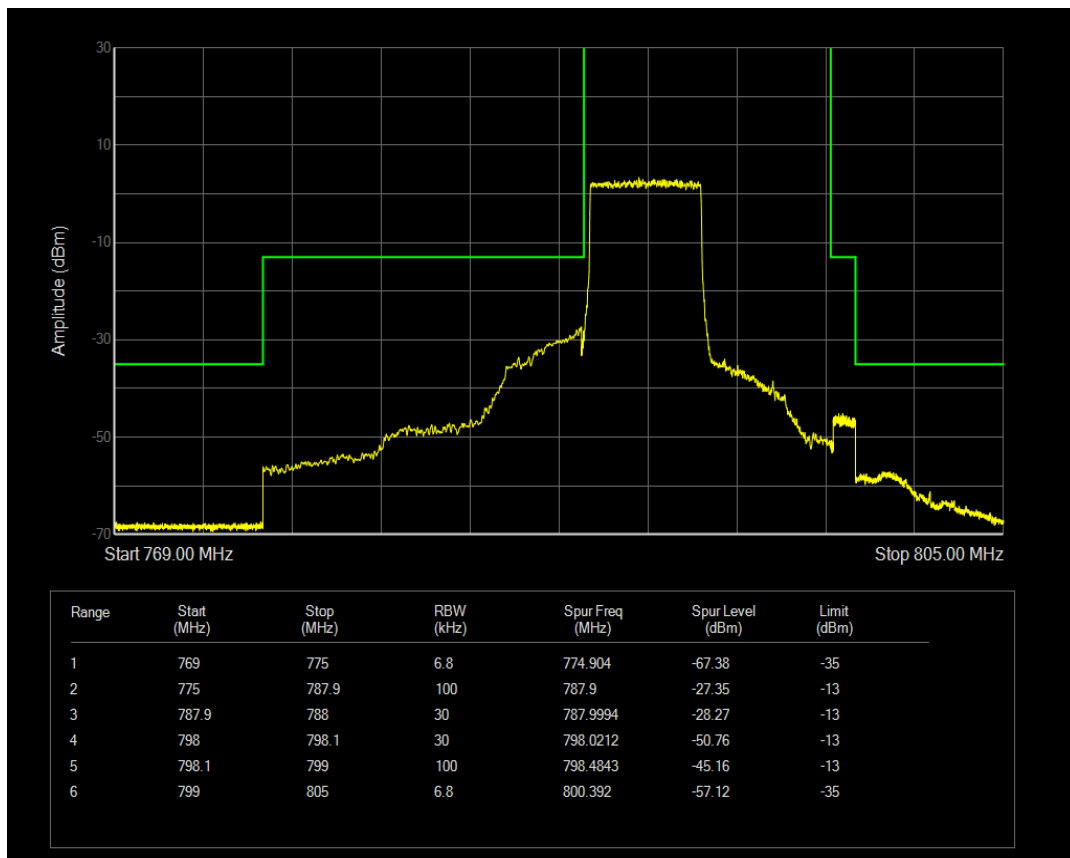
Band14 16QAM BW=10MHz Channel=23330 RB Size=50 Position=#0



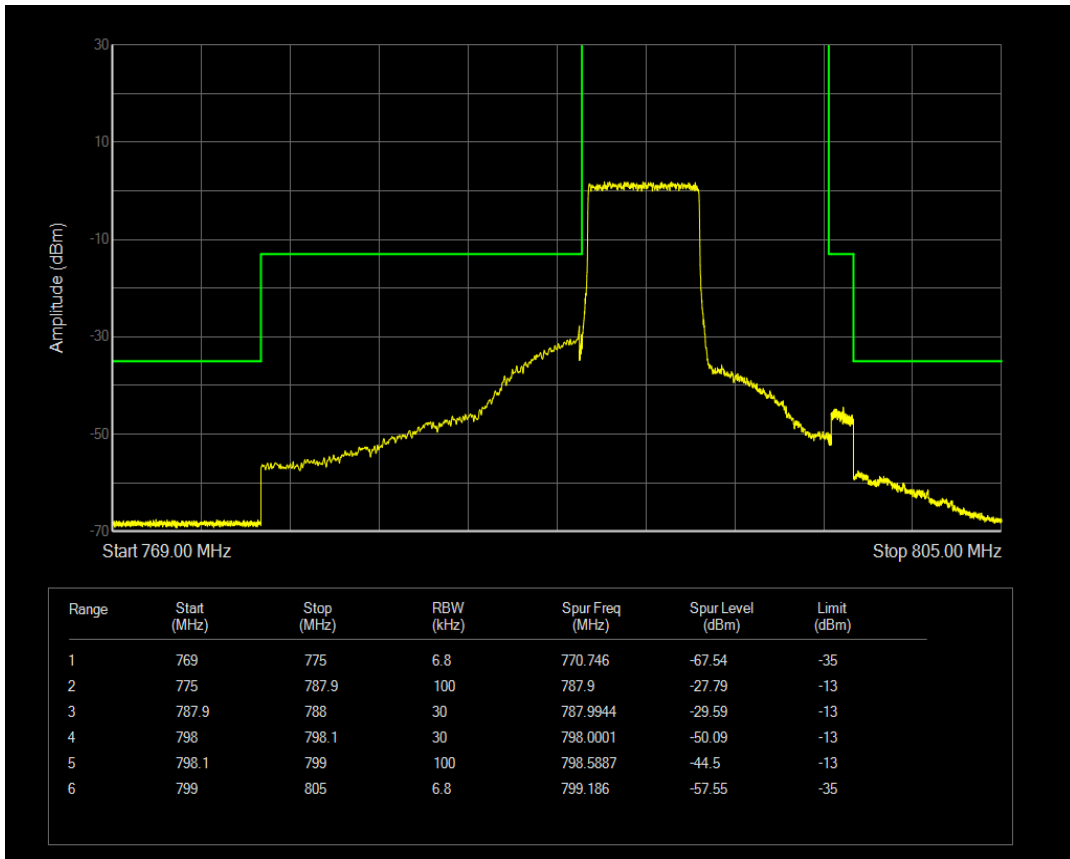
Appendix 5. Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band14	5	23305	25	#0	QPSK	787.90	-27.35	-13	PASS
Band14	5	23305	25	#0	16QAM	787.90	-27.79	-13	PASS
Band14	5	23355	25	#0	QPSK	799.03	-42.70	-35	PASS
Band14	5	23355	25	#0	16QAM	799.02	-43.97	-35	PASS
Band14	10	23330	50	#0	QPSK	799.17	-46.69	-35	PASS
Band14	10	23330	50	#0	16QAM	799.17	-48.29	-35	PASS

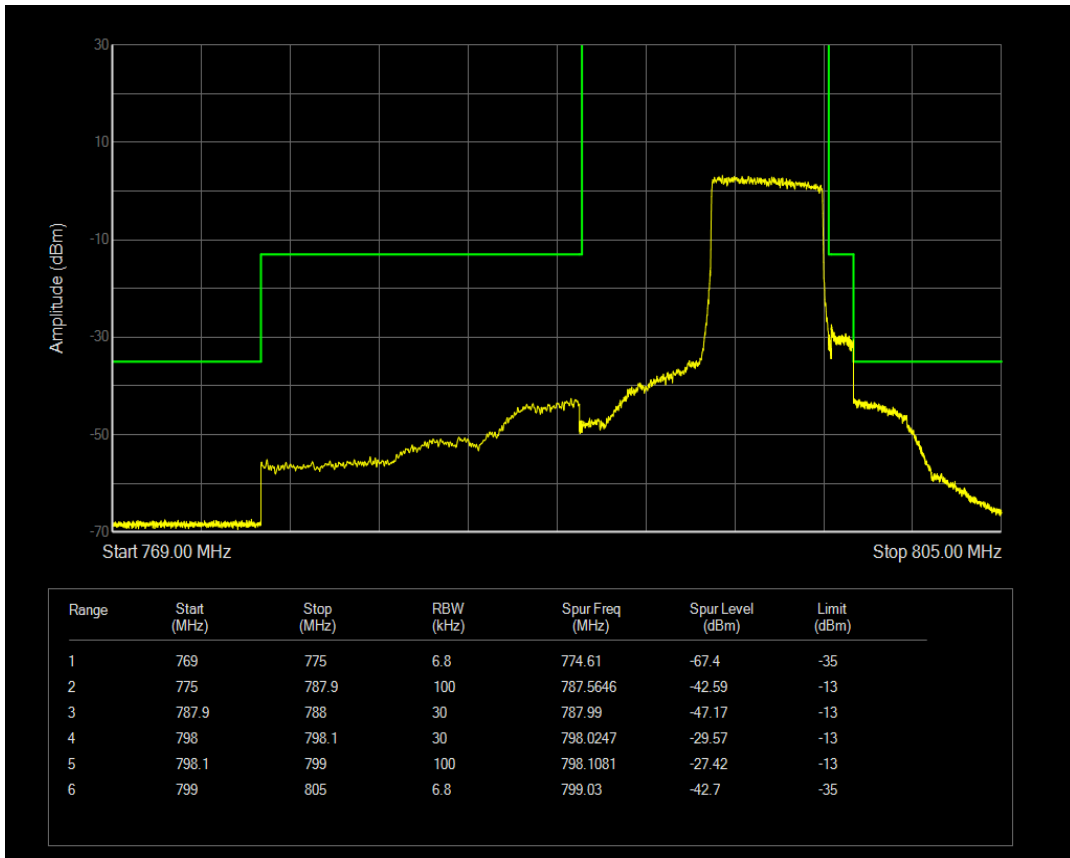
Band14 QPSK BW=5MHz Channel=23305 RB Size=25 Position=#0



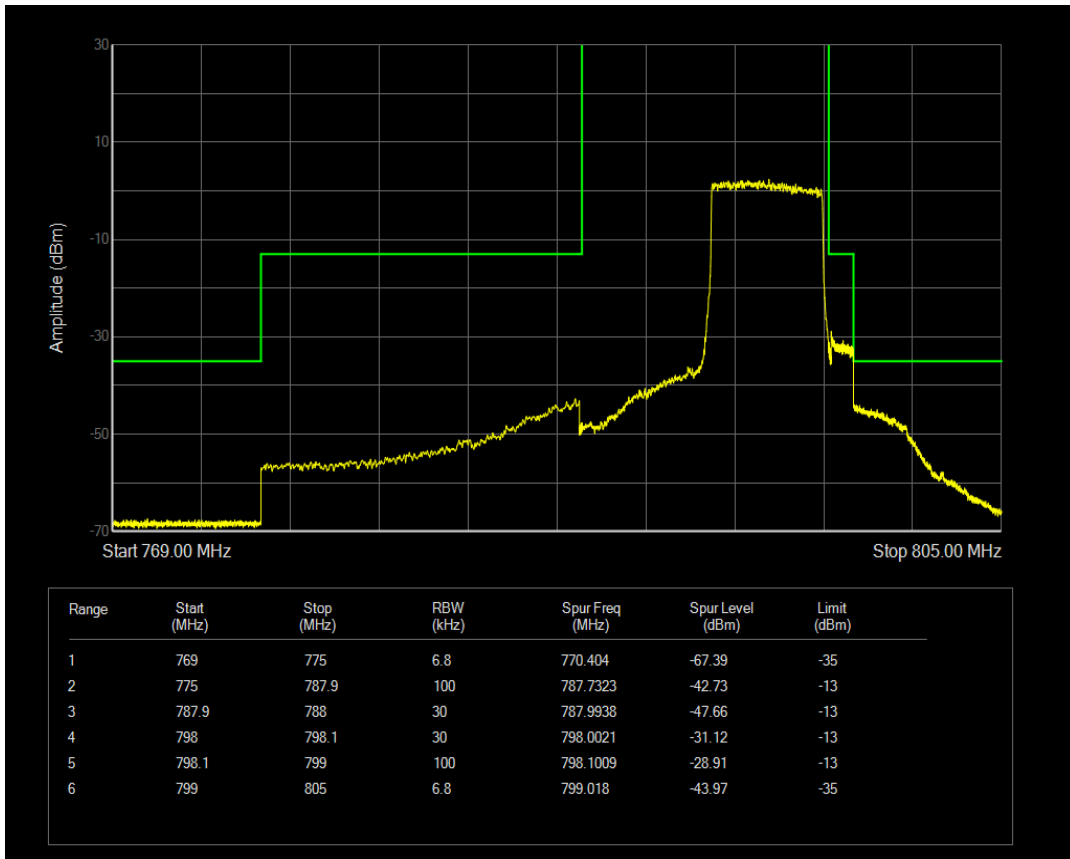
Band14 16QAM BW=5MHz Channel=23305 RB Size=25 Position=#0



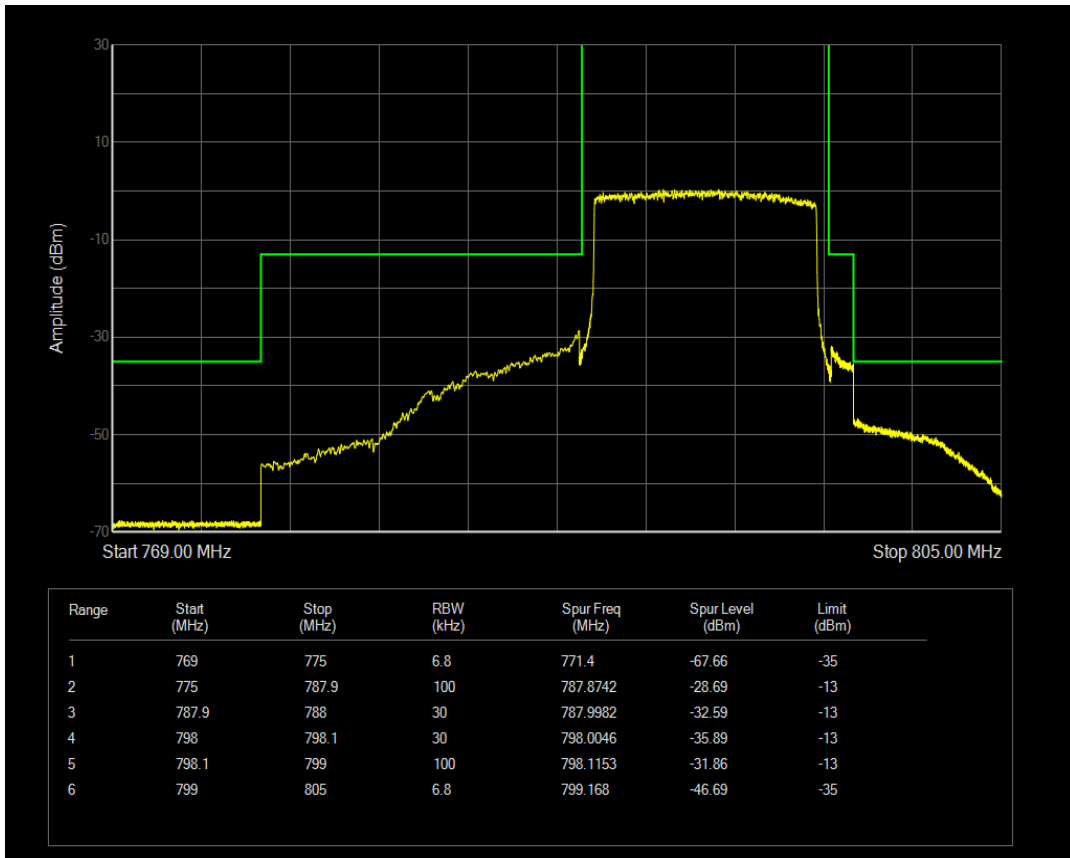
Band14 QPSK BW=5MHz Channel=23355 RB Size=25 Position=#0



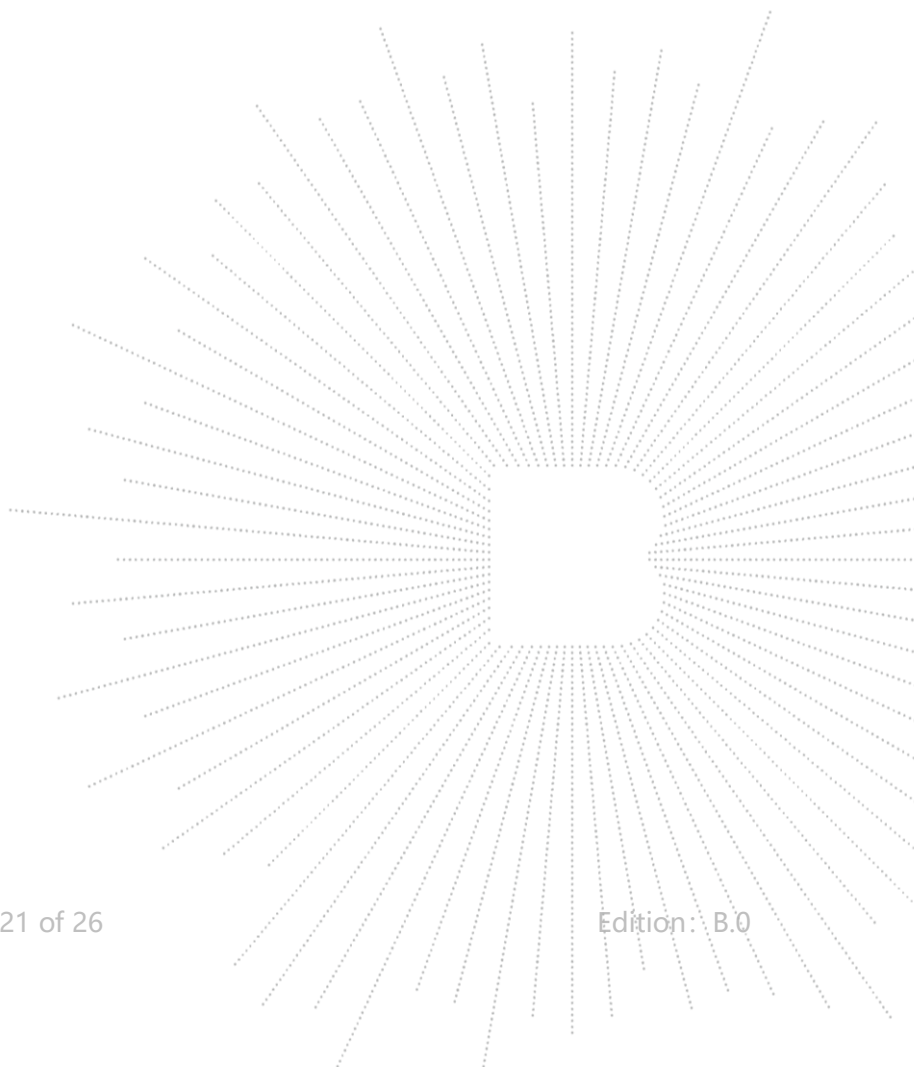
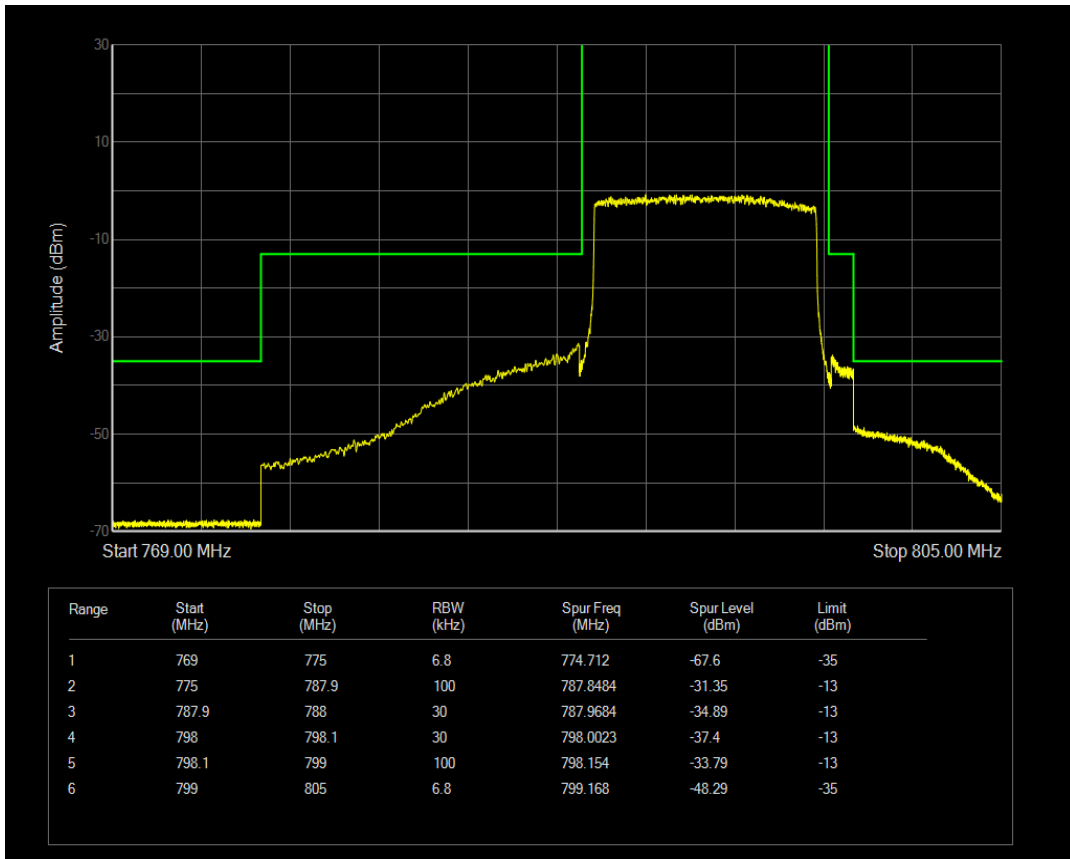
Band14 16QAM BW=5MHz Channel=23355 RB Size=25 Position=#0



Band14 QPSK BW=10MHz Channel=23330 RB Size=50 Position=#0



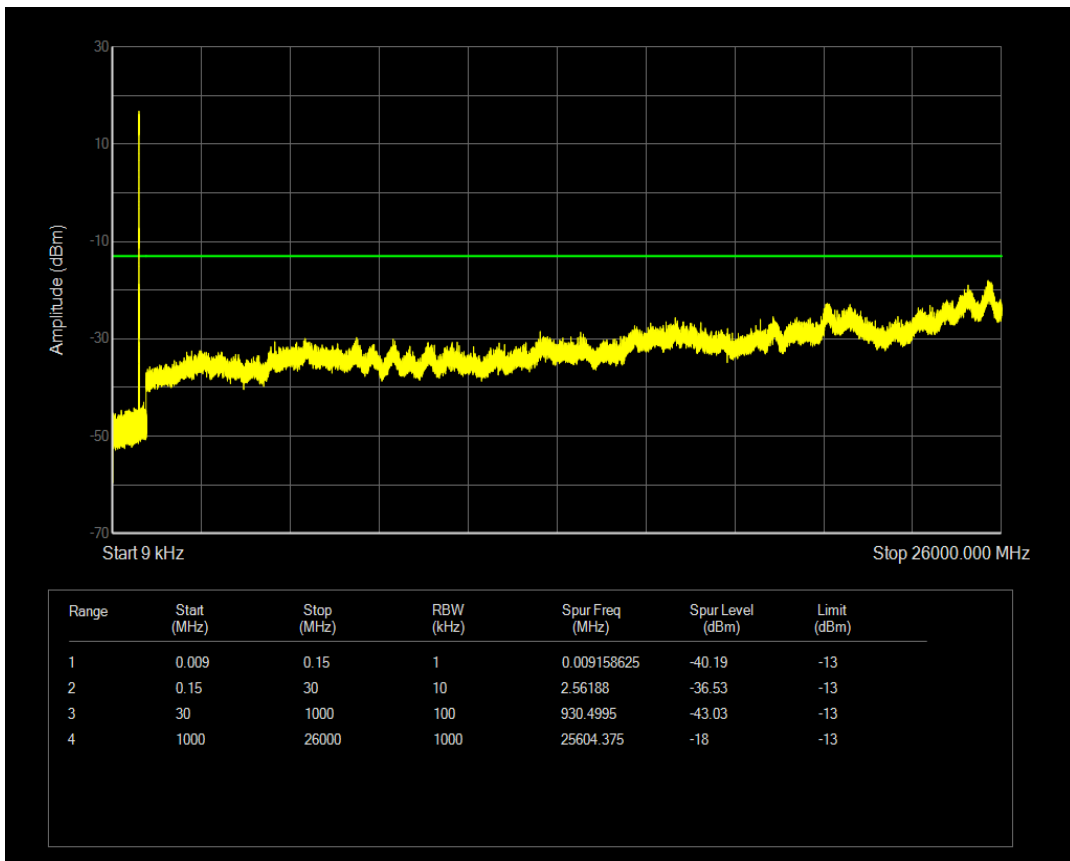
Band14 16QAM BW=10MHz Channel=23330 RB Size=50 Position=#0



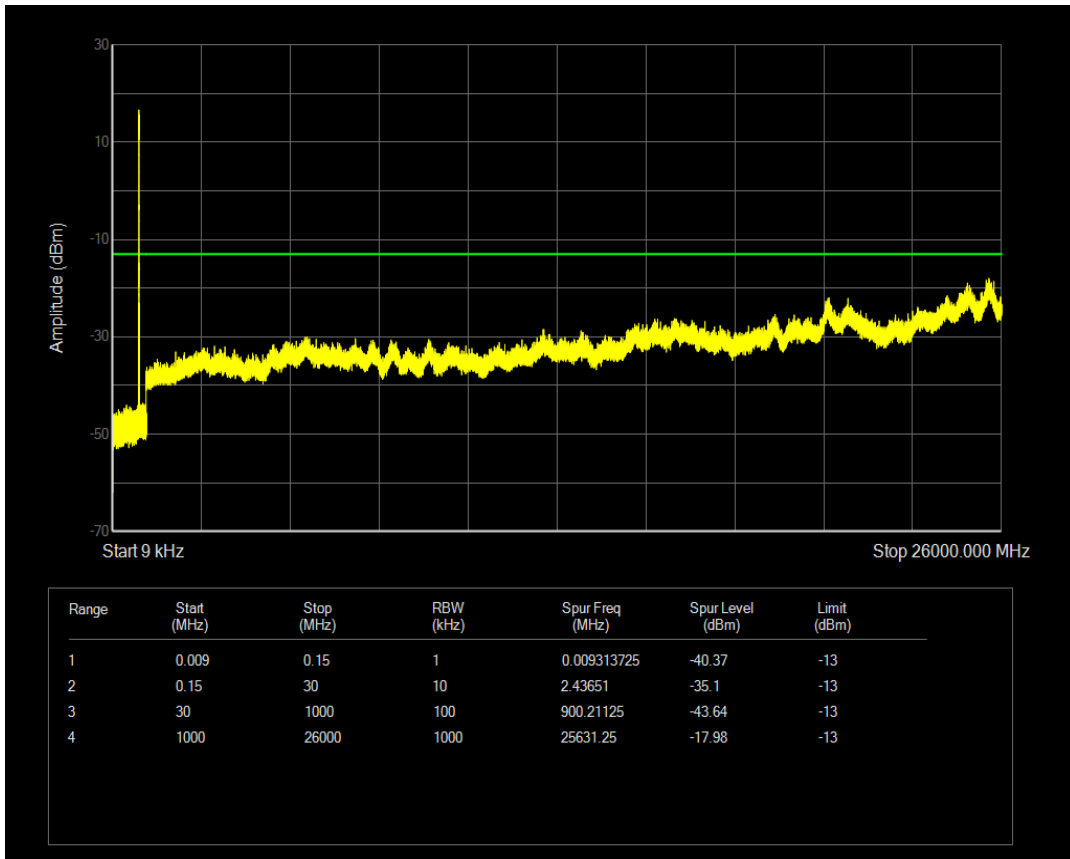
Appendix 6. Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band14	5	23305	25	#0	QPSK	25604.38	-18.00	-13	PASS
Band14	5	23305	25	#0	16QAM	25631.25	-17.98	-13	PASS
Band14	5	23330	25	#0	QPSK	25614.38	-18.31	-13	PASS
Band14	5	23330	25	#0	16QAM	25625.63	-18.39	-13	PASS
Band14	5	23355	25	#0	QPSK	25628.75	-18.38	-13	PASS
Band14	5	23355	25	#0	16QAM	25565.63	-17.90	-13	PASS
Band14	10	23330	50	#0	QPSK	25655.00	-17.65	-13	PASS
Band14	10	23330	50	#0	16QAM	25626.25	-17.64	-13	PASS

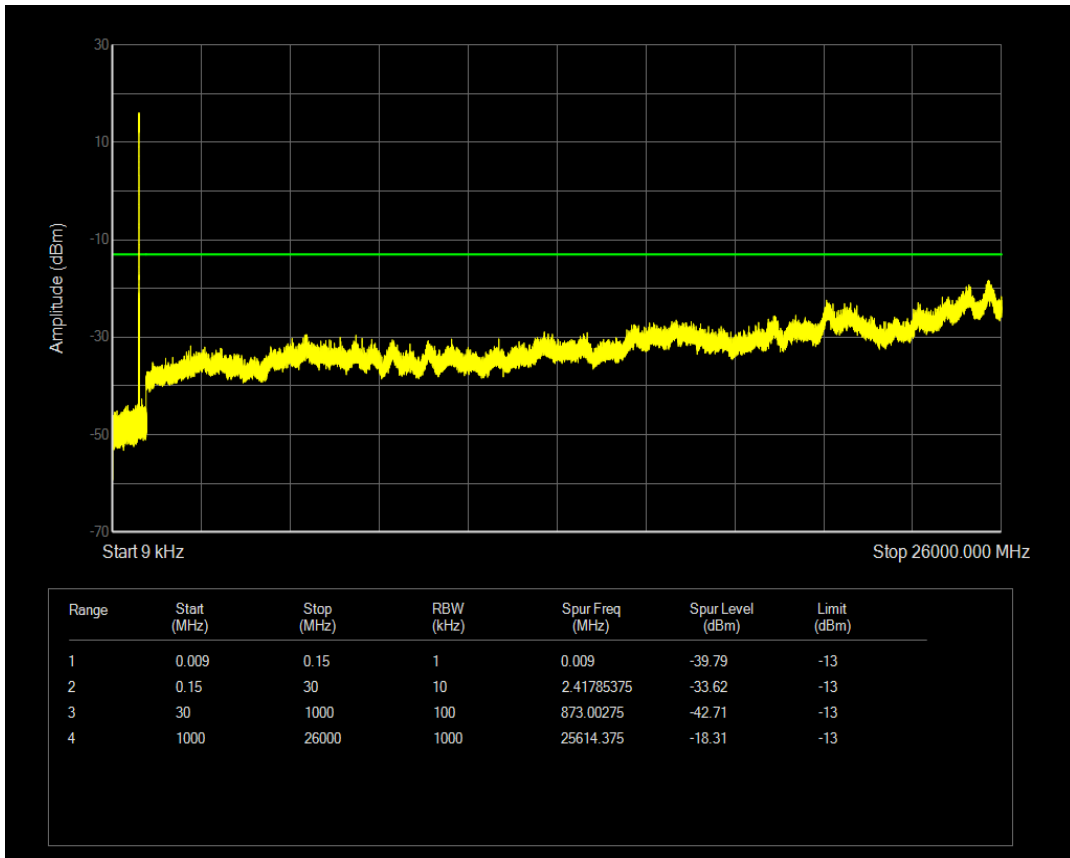
Band14 QPSK BW=5MHz Channel=23305 RB Size=25 Position=#0



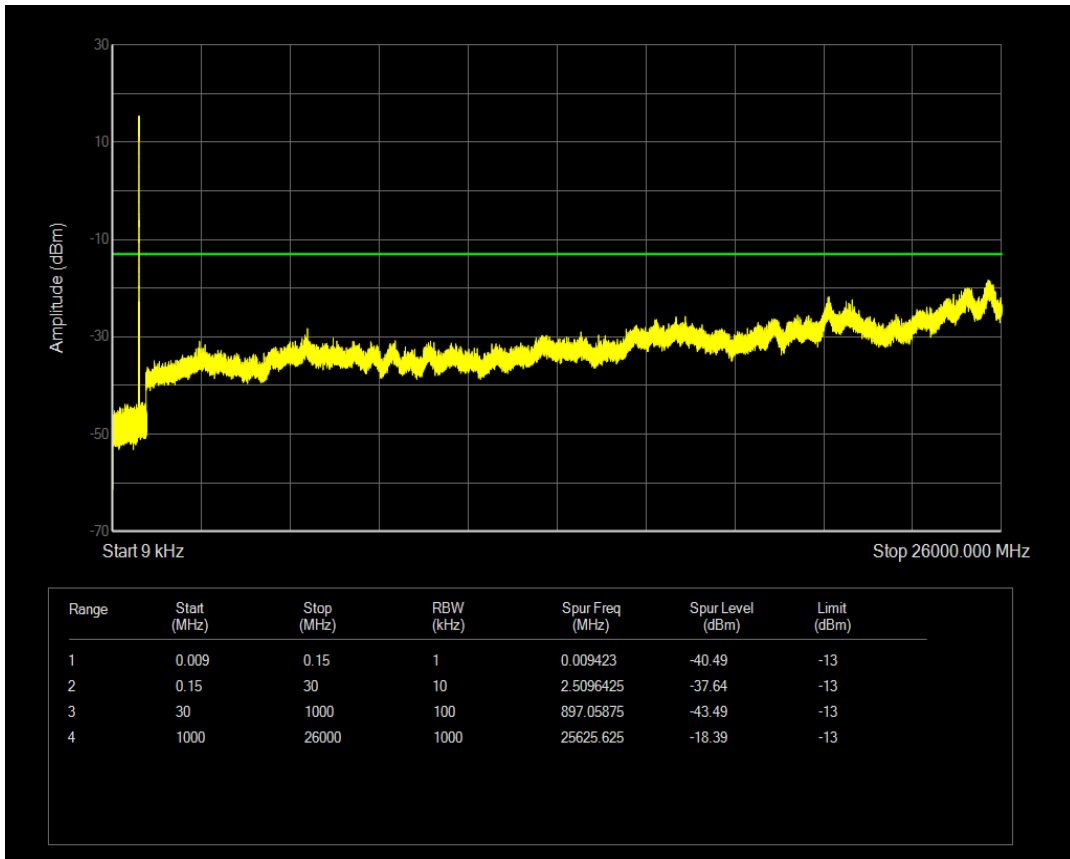
Band14 16QAM BW=5MHz Channel=23305 RB Size=25 Position=#0



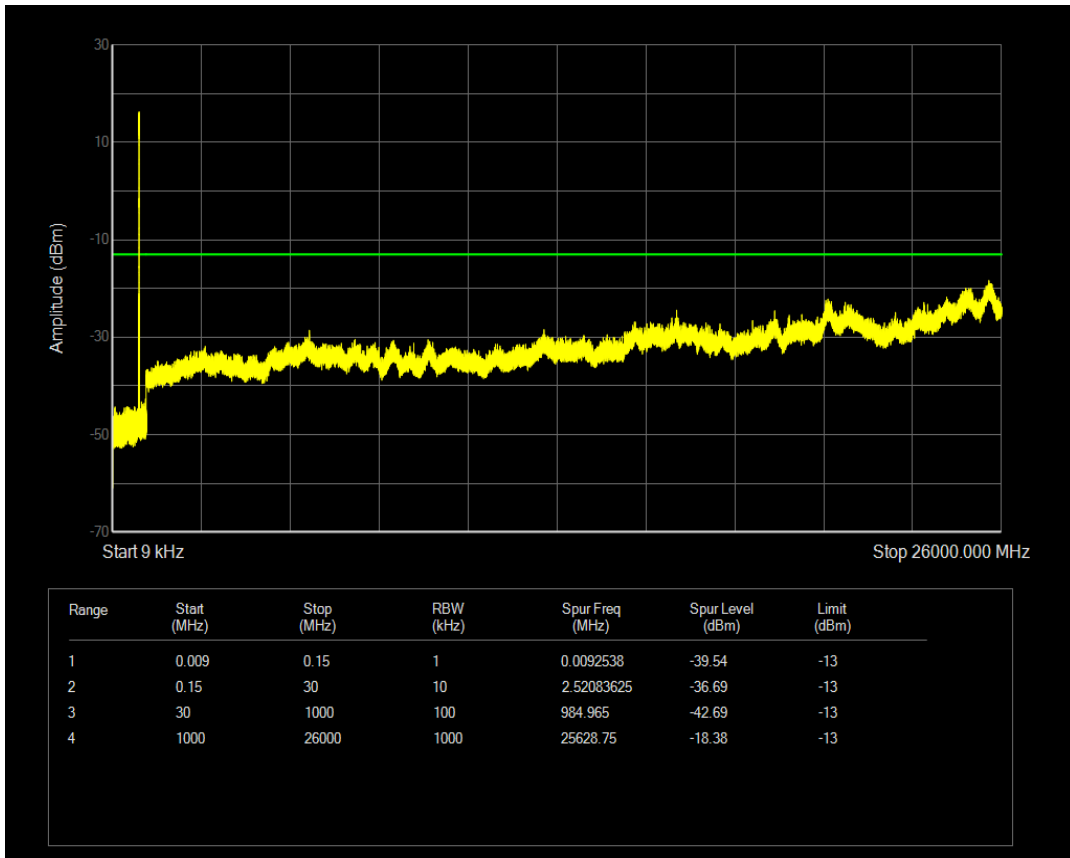
Band14 QPSK BW=5MHz Channel=23330 RB Size=25 Position=#0



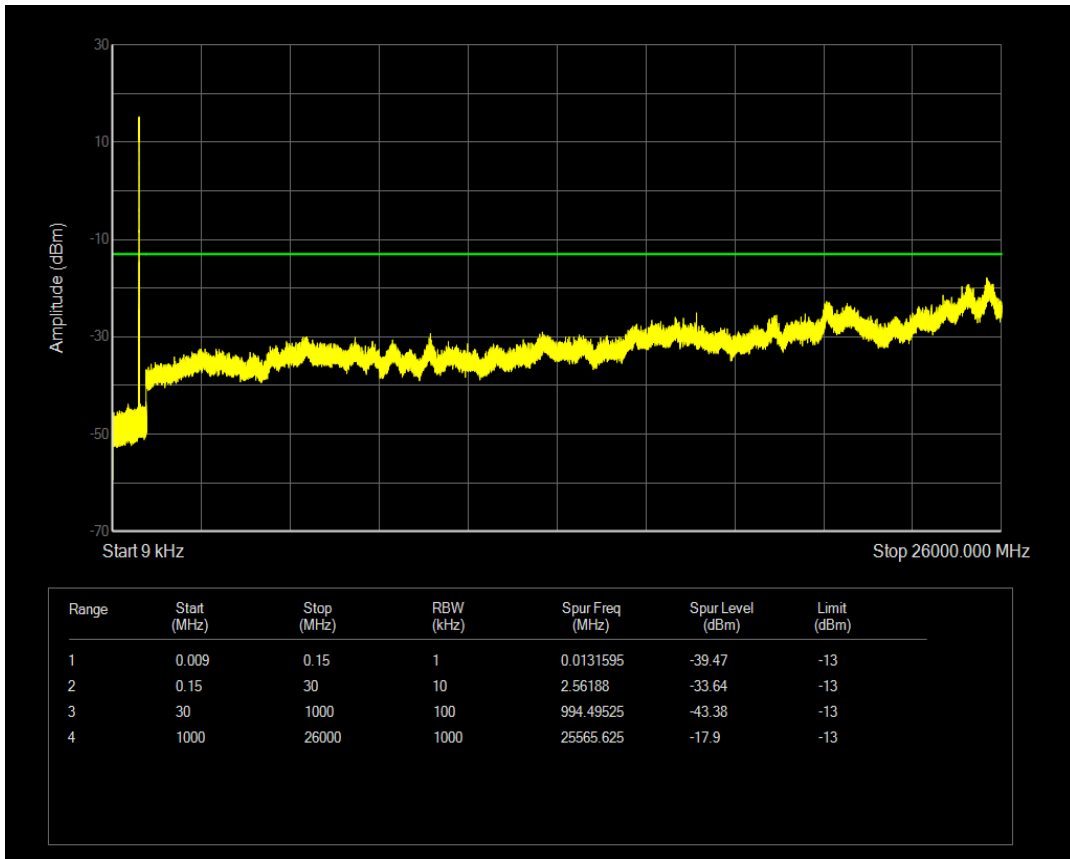
Band14 16QAM BW=5MHz Channel=23330 RB Size=25 Position=#0



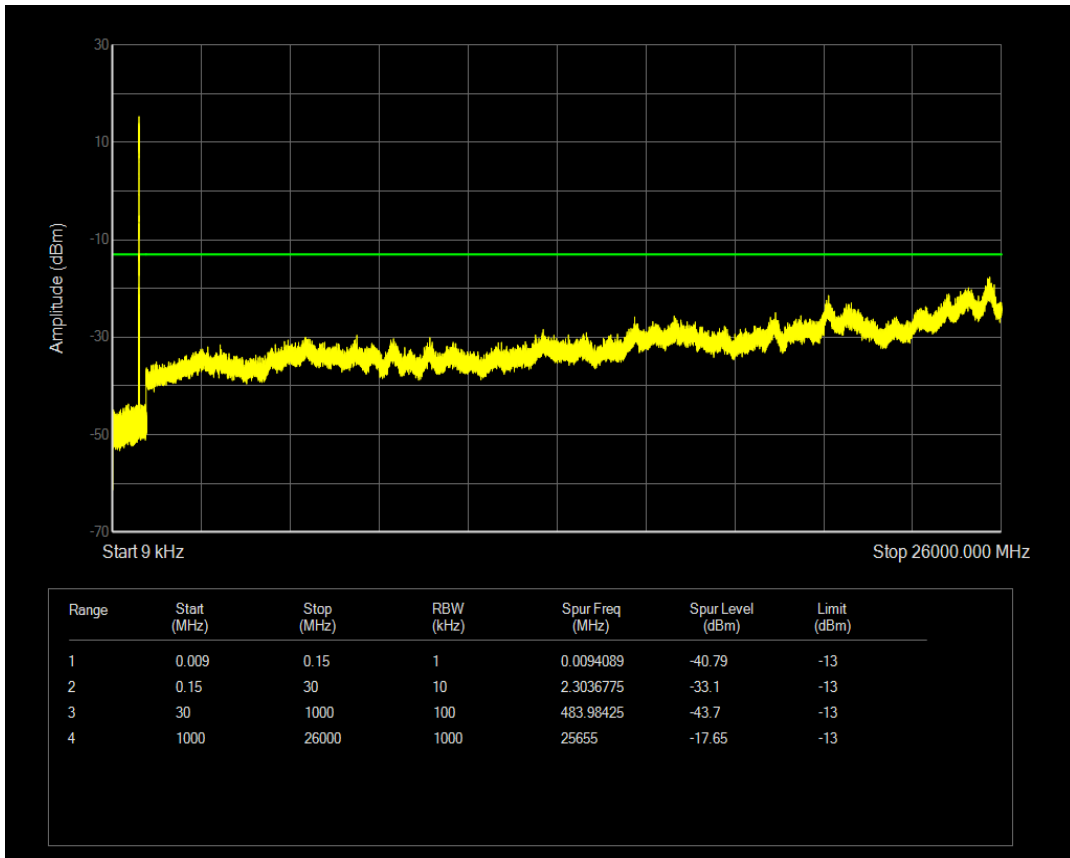
Band14 QPSK BW=5MHz Channel=23355 RB Size=25 Position=#0



Band14 16QAM BW=5MHz Channel=23355 RB Size=25 Position=#0



Band14 QPSK BW=10MHz Channel=23330 RB Size=50 Position=#0



Band14 16QAM BW=10MHz Channel=23330 RB Size=50 Position=#0

