

**Test QRP EFHW 1:49 Drahtlänge 19.90m
Abgestimmt für
Ft-8 / CW Frequenzen 40-10m**

Antennenaufbau Sloper:

12m Spiderbeam > 1:49 1m über Grund

10m Koaxkabel mit Choke nach W2DU nach $0,05\lambda$ (2.05m)

1. Abstrahlung Test PSK Reporter in FT-8 mit

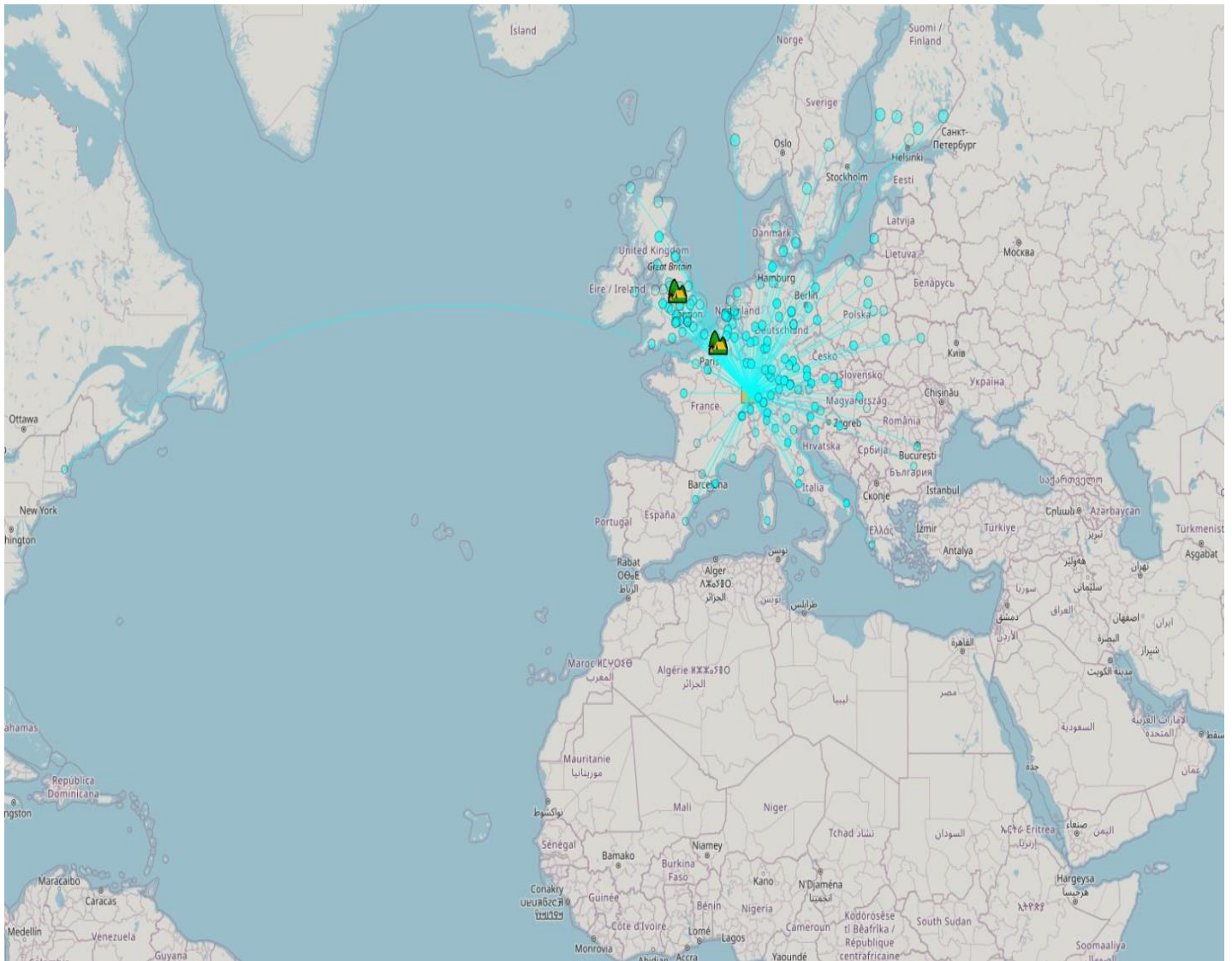
10W Sendeleistung ICOM IC-705

Je Band 20min Aussendung

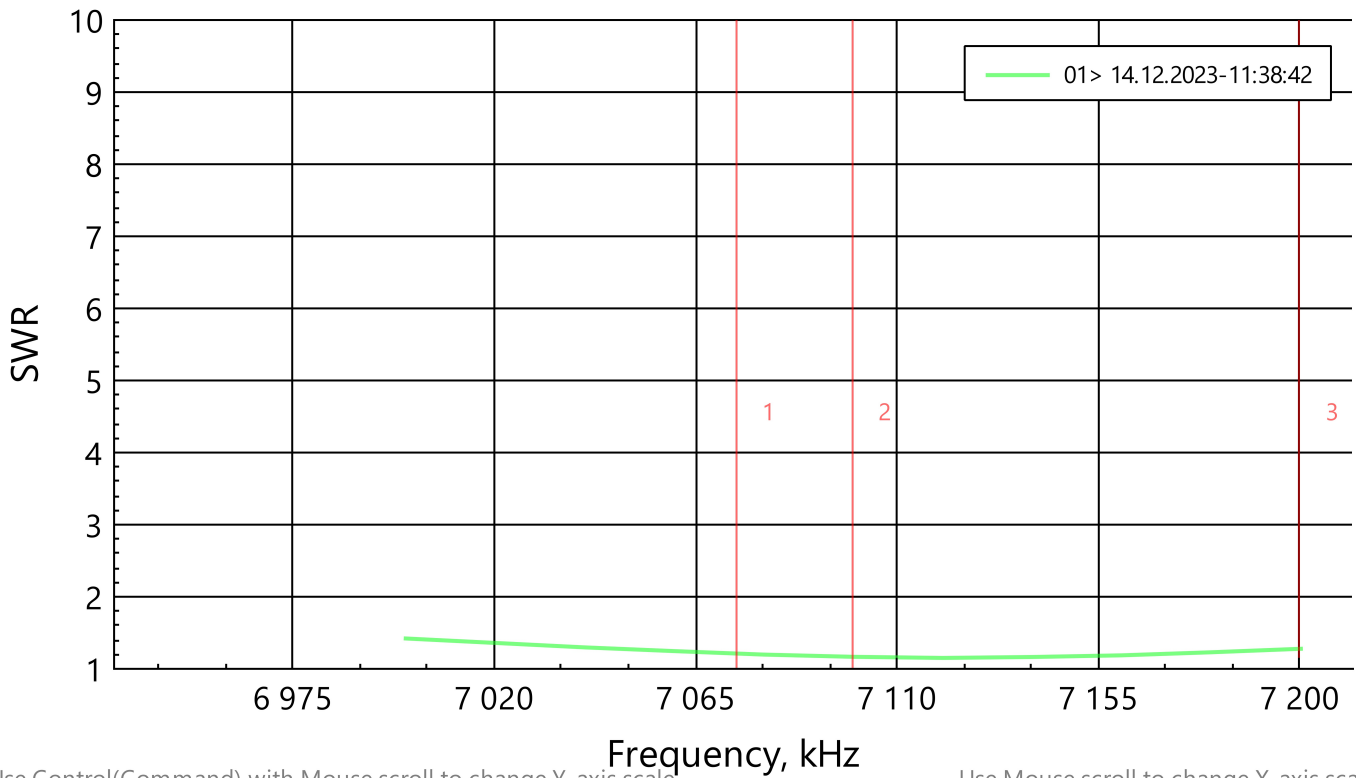
2. SWR Auswertung nach Band

3. RL - dB Abstrahlung

Test 40m Band PSK-Reporter ICOM IC-705 10W



AA-230 ZOOM, 14.12.2023-11:40, SWR graph

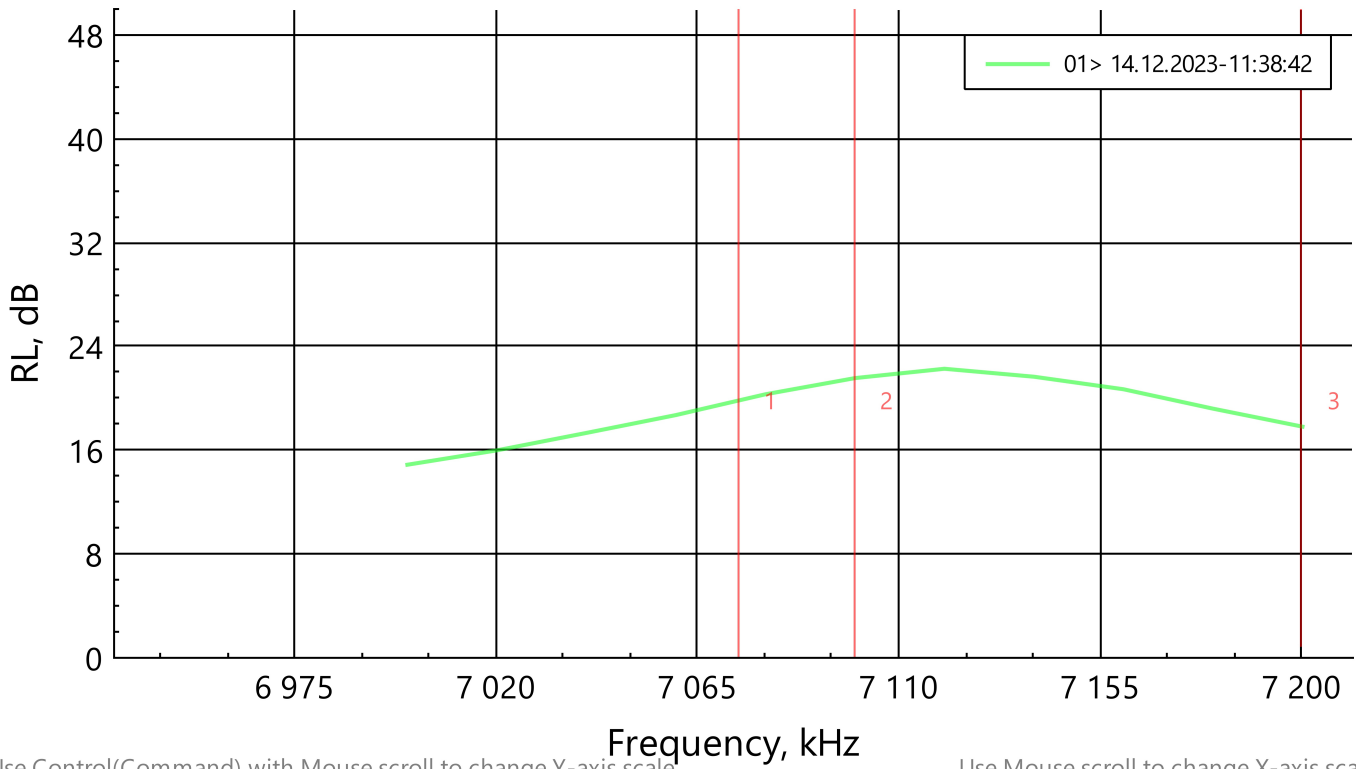


Use Control(Command) with Mouse scroll to change Y-axis scale

Use Mouse scroll to change X-axis scale

Marker	#	FQ, kHz	SWR	RL, dB	Phase°	R, Ohm	X, Ohm	Z, Ohm
1	1	7074.00	1.23	19.91	114.35	45.22	8.34	45.22 + j8.34
2	1	7100.01	1.18	21.64	95.29	48.58	8.07	48.58 + j8.07
3	1	7199.99	1.29	17.89	7.93	64.40	2.30	64.40 + j2.30

AA-230 ZOOM, 14.12.2023-11:41, RL graph



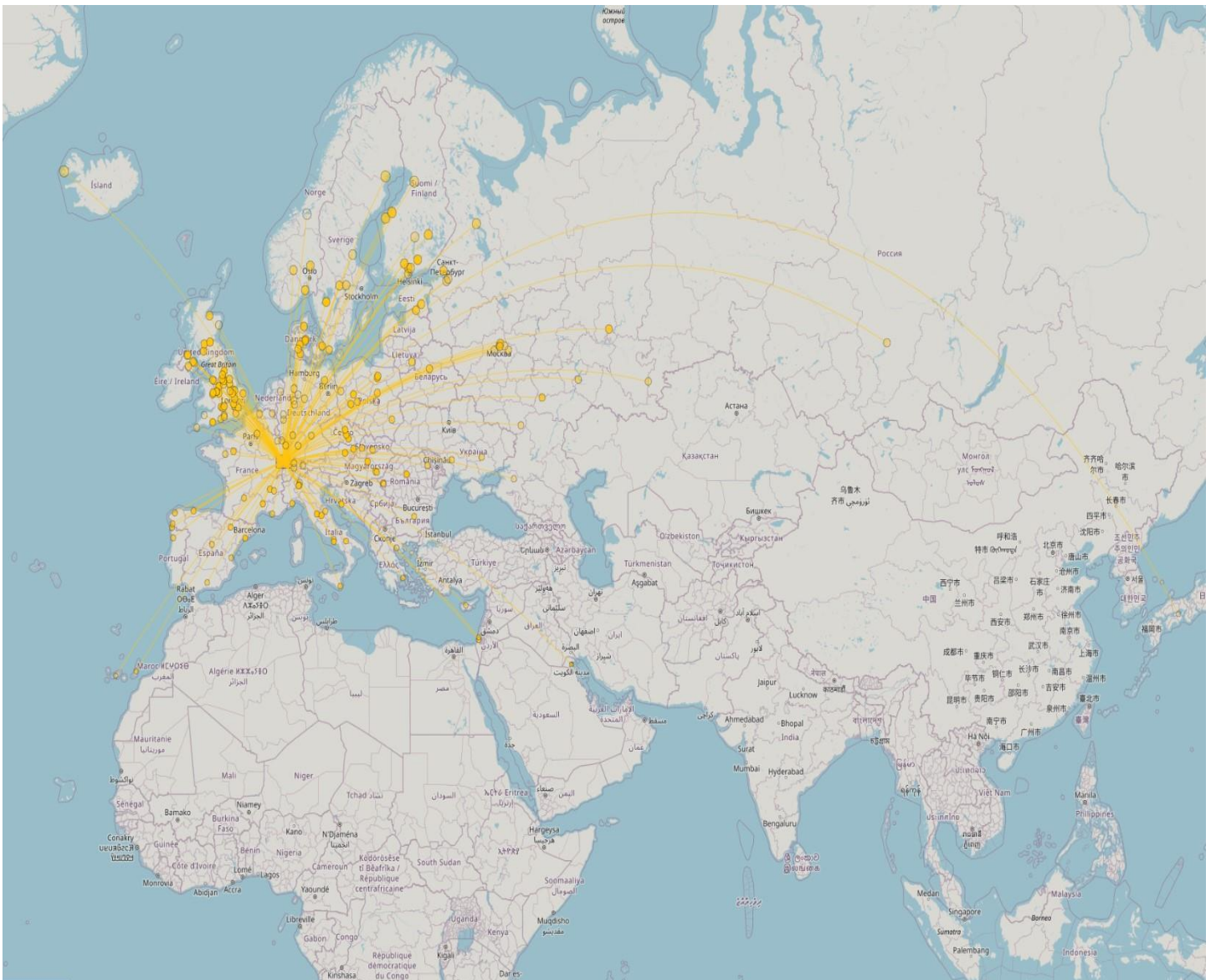
Use Control(Command) with Mouse scroll to change Y-axis scale

Use Mouse scroll to change X-axis scale

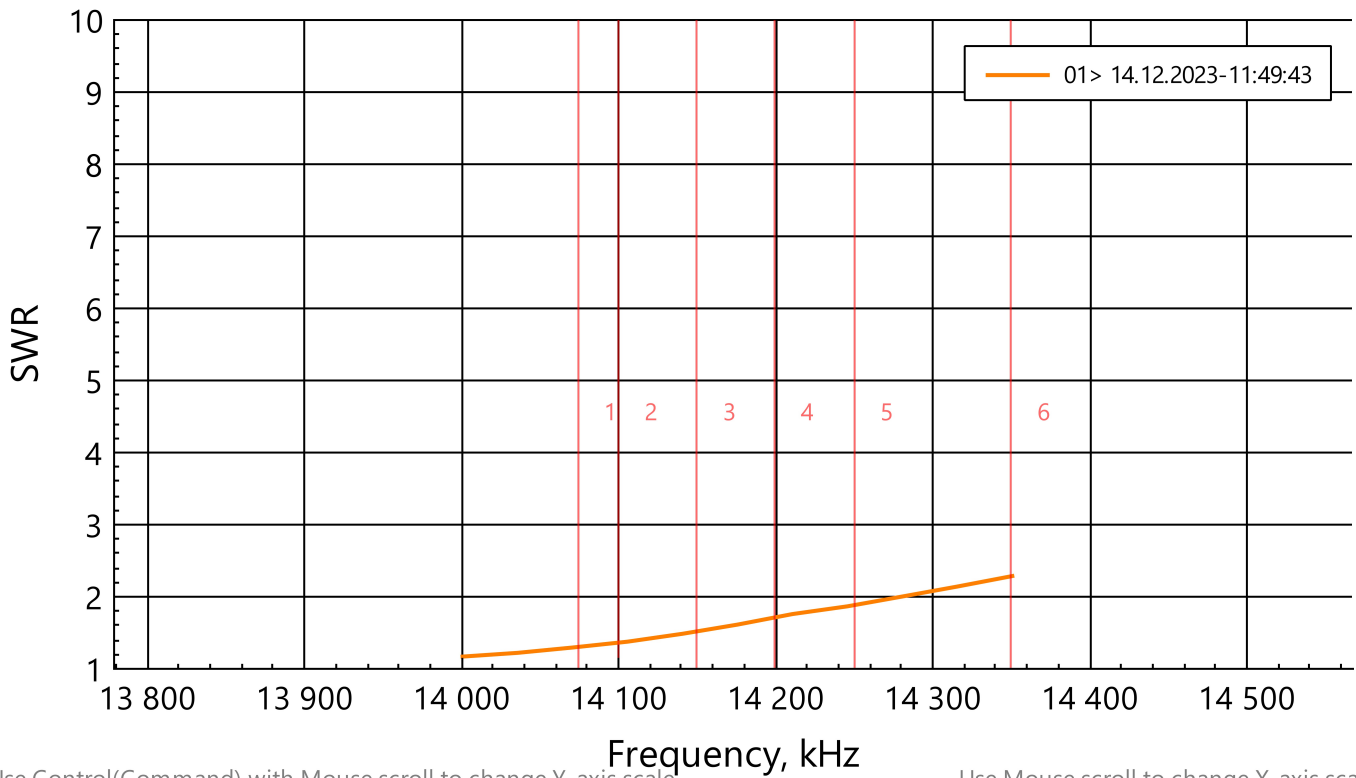
Marker	#	FQ, kHz	SWR	RL, dB	Phase°	R, Ohm	X, Ohm	Z, Ohm
1	1	7074.00	1.23	19.91	114.35	45.22	8.34	45.22 + j8.34
2	1	7100.01	1.18	21.64	95.29	48.58	8.07	48.58 + j8.07
3	1	7199.99	1.29	17.89	7.93	64.40	2.30	64.40 + j2.30

Test 20m Band PSK-Reporter

ICOM IC-705 10W



AA-230 ZOOM, 14.12.2023-11:52, SWR graph

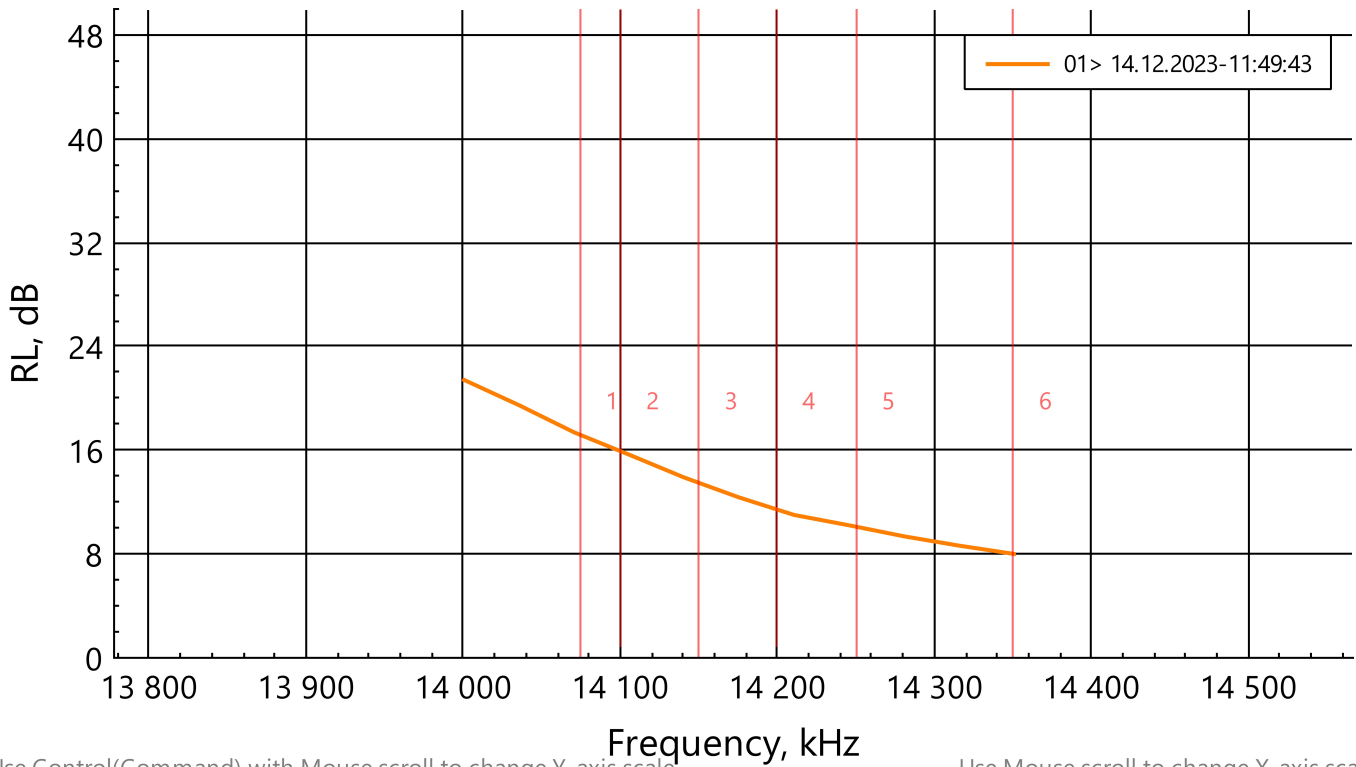


Use Control(Command) with Mouse scroll to change Y-axis scale

Use Mouse scroll to change X-axis scale

Marker #	FQ, kHz	SWR	RL, dB	Phase°	R, Ohm	X, Ohm	Z, Ohm
1	14074.00	1.32	17.26	-1.15	65.93	-0.33	65.93 - j0.33
2	14100.00	1.38	15.98	1.98	68.92	0.83	68.92 + j0.83
3	14150.00	1.54	13.54	2.35	76.78	1.38	76.78 + j1.38
4	14199.50	1.73	11.50	-0.71	86.44	-0.79	86.44 - j0.79
5	14250.00	1.90	10.17	-3.28	94.78	-3.81	94.78 - j3.81
6	14349.99	2.30	8.09	-11.97	109.92	-21.27	109.92 - j21.27

AA-230 ZOOM, 14.12.2023-11:53, RL graph



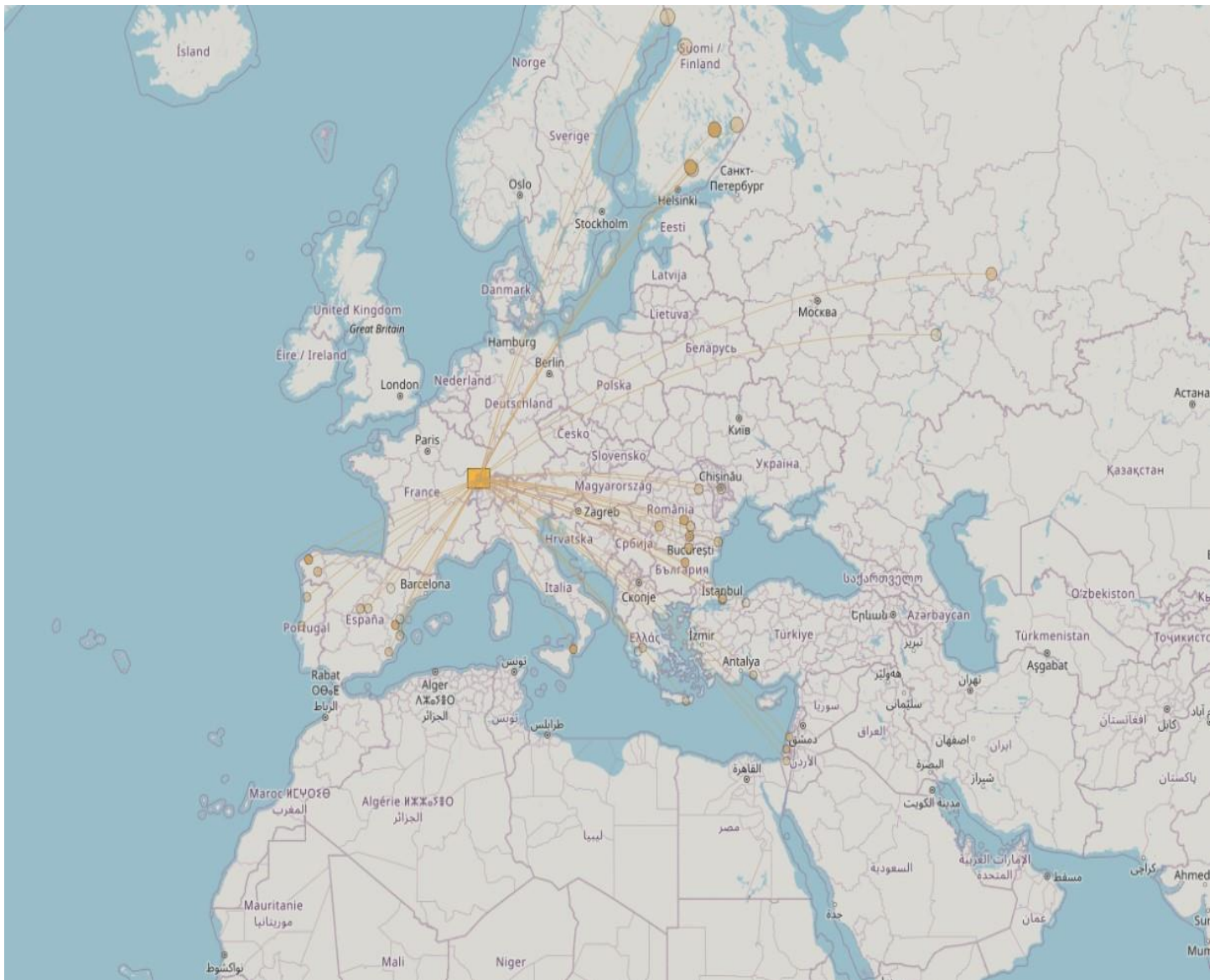
Use Control(Command) with Mouse scroll to change Y-axis scale

Use Mouse scroll to change X-axis scale

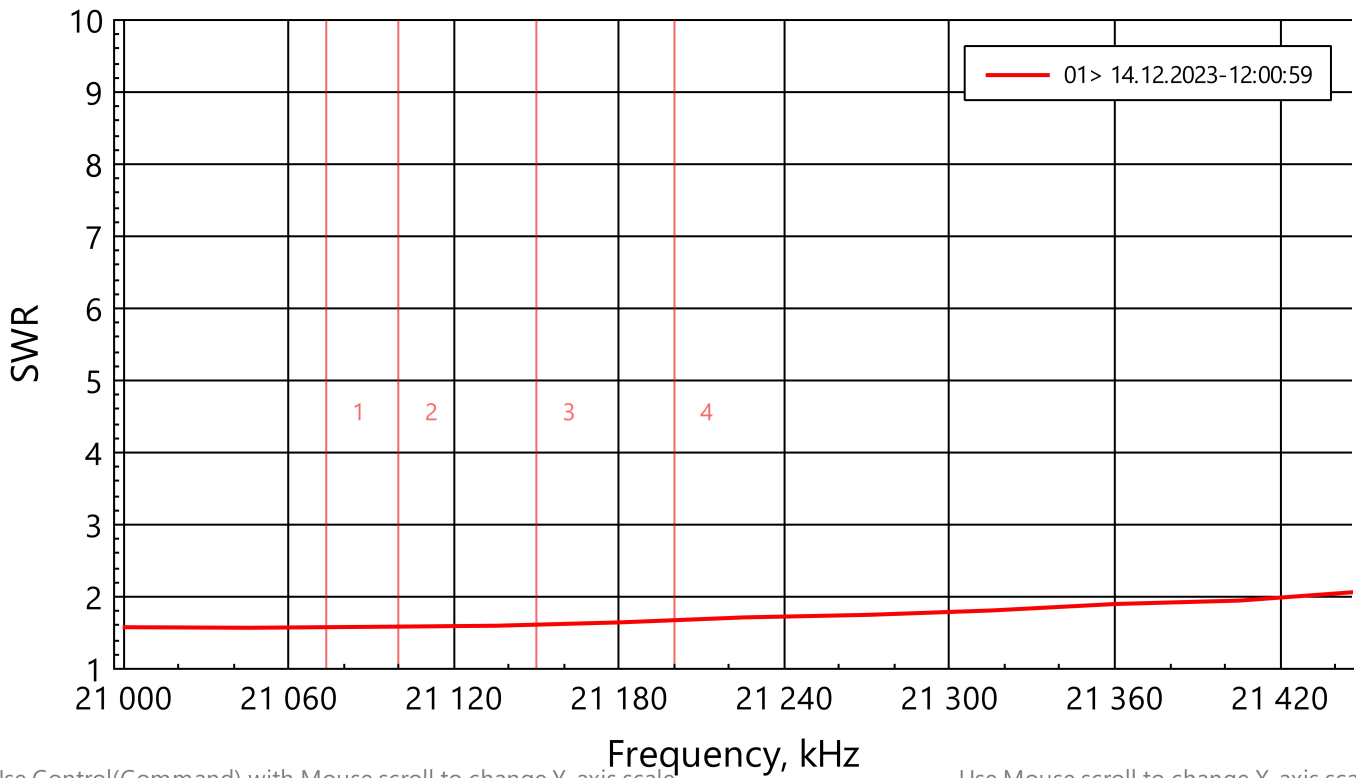
Marker #	FQ, kHz	SWR	RL, dB	Phase°	R, Ohm	X, Ohm	Z, Ohm
1	14074.00	1.32	17.26	-1.15	65.93	-0.33	65.93 - j0.33
2	14100.00	1.38	15.98	1.98	68.92	0.83	68.92 + j0.83
3	14150.00	1.54	13.54	2.35	76.78	1.38	76.78 + j1.38
4	14199.50	1.73	11.50	-0.71	86.44	-0.79	86.44 - j0.79
5	14250.00	1.90	10.17	-3.28	94.78	-3.81	94.78 - j3.81
6	14349.99	2.30	8.09	-11.97	109.92	-21.27	109.92 - j21.27

Test15m Band PSK-Reporter

ICOM IC-705 10W



AA-230 ZOOM, 14.12.2023-12:03, SWR graph

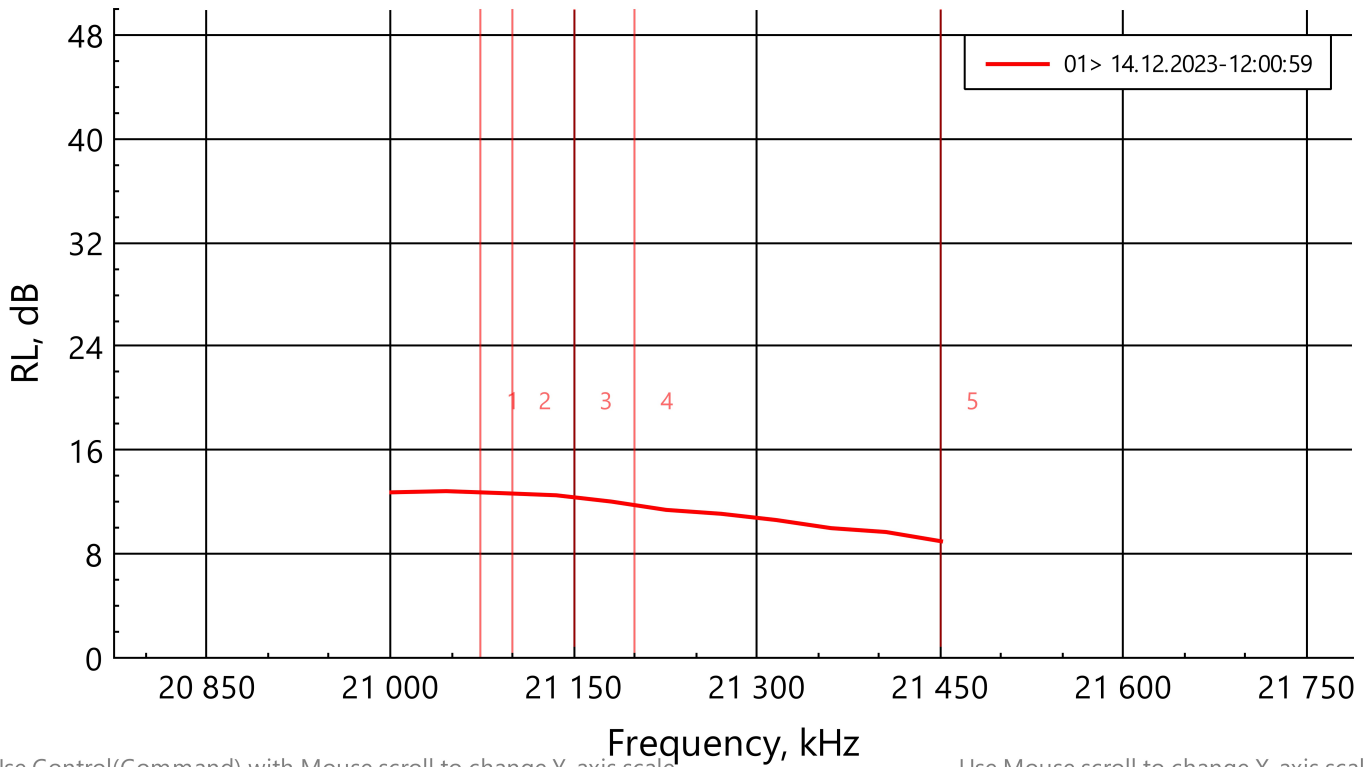


Use Control(Command) with Mouse scroll to change Y-axis scale

Use Mouse scroll to change X-axis scale

Marker	#	FQ, kHz	SWR	RL, dB	Phase°	R, Ohm	X, Ohm	Z, Ohm
1	1	21073.50	1.59	12.83	-22.84	75.08	-14.04	75.08 - j14.04
2	1	21100.00	1.60	12.74	-21.90	75.74	-13.76	75.74 - j13.76
3	1	21150.00	1.63	12.44	-18.53	78.05	-12.53	78.05 - j12.53
4	1	21200.00	1.69	11.84	-16.91	81.21	-12.95	81.21 - j12.95
5	1	21449.94	2.09	9.06	-16.20	97.84	-21.95	97.84 - j21.95

AA-230 ZOOM, 14.12.2023-12:04, RL graph

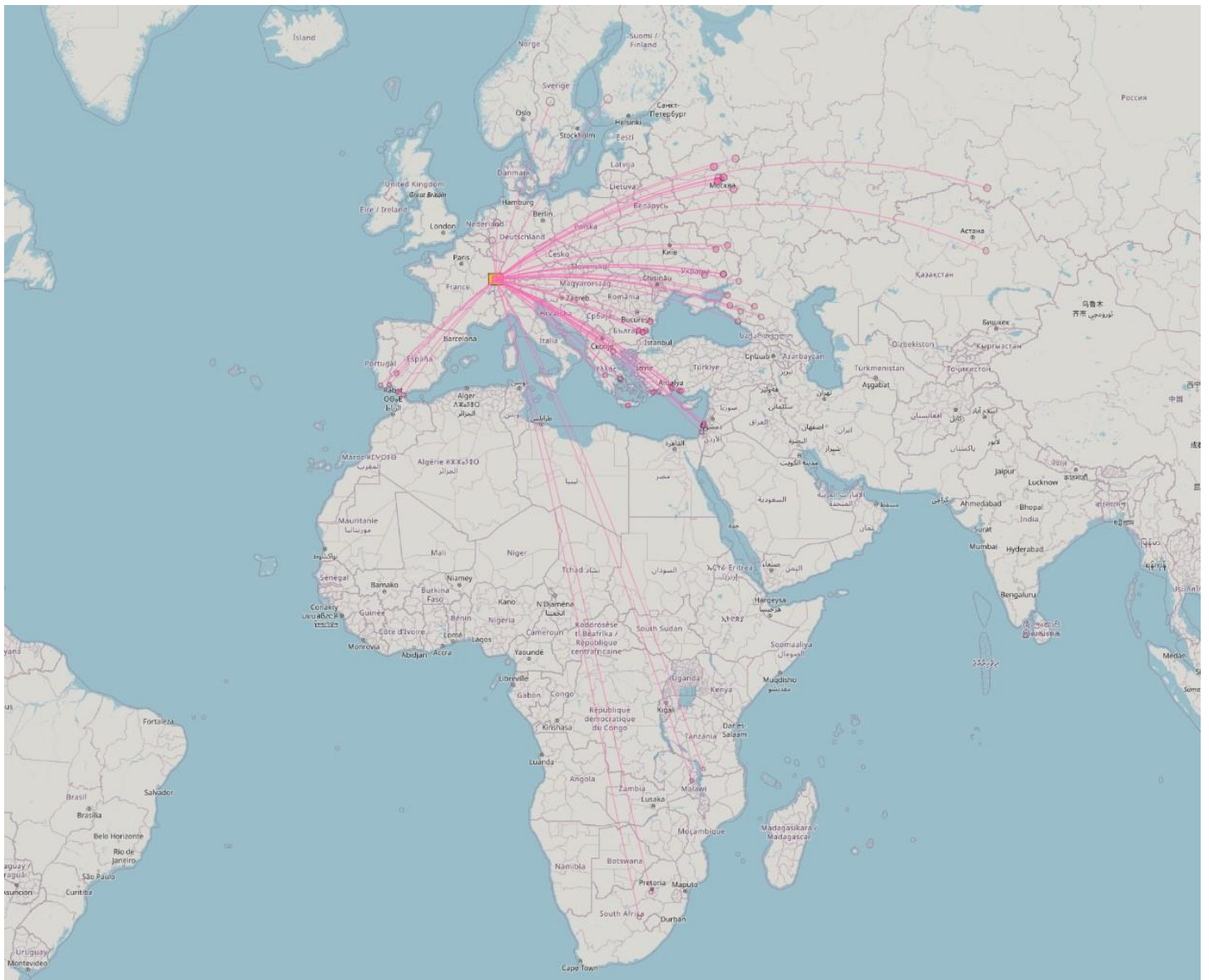


Use Control(Command) with Mouse scroll to change Y-axis scale

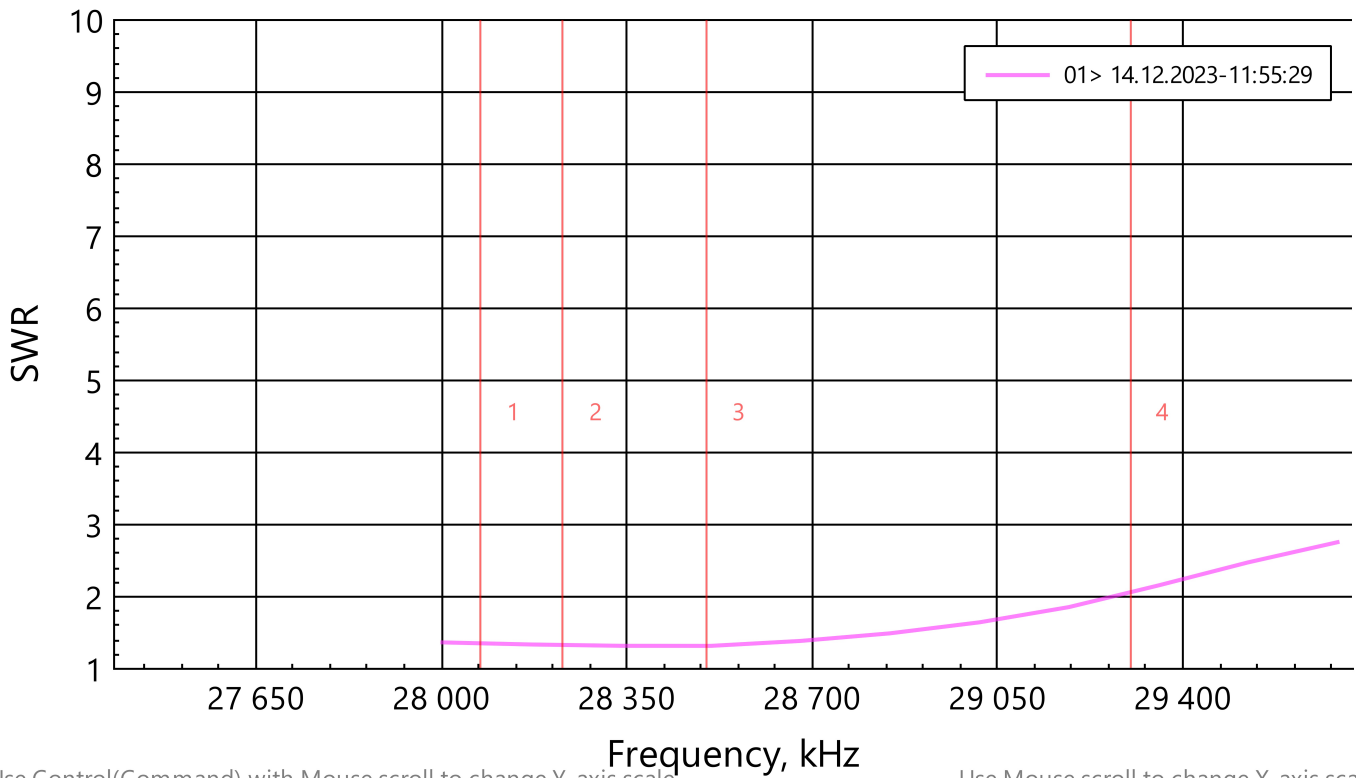
Use Mouse scroll to change X-axis scale

Marker	#	FQ, kHz	SWR	RL, dB	Phase°	R, Ohm	X, Ohm	Z, Ohm
1	1	21073.50	1.59	12.83	-22.84	75.08	-14.04	75.08 - j14.04
2	1	21100.00	1.60	12.74	-21.90	75.74	-13.76	75.74 - j13.76
3	1	21150.00	1.63	12.44	-18.53	78.05	-12.53	78.05 - j12.53
4	1	21200.00	1.69	11.84	-16.91	81.21	-12.95	81.21 - j12.95
5	1	21449.94	2.09	9.06	-16.20	97.84	-21.95	97.84 - j21.95

Test 10m Band PSK-Reporter ICOM IC-705 10W



AA-230 ZOOM, 14.12.2023-11:59, SWR graph

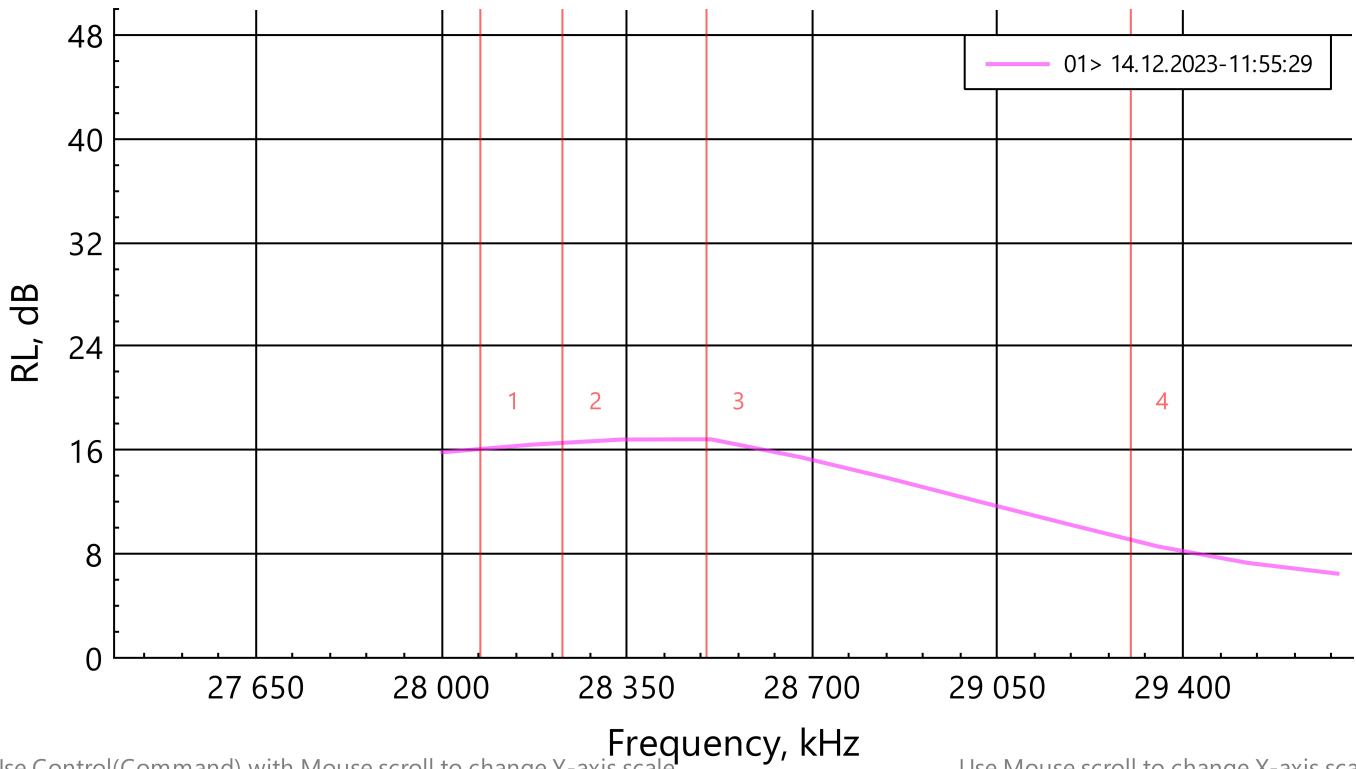


Use Control(Command) with Mouse scroll to change Y-axis scale

Use Mouse scroll to change X-axis scale

Marker	#	FQ, kHz	SWR	RL, dB	Phase°	R, Ohm	X, Ohm	Z, Ohm
1	1	28073.99	1.37	16.18	-12.26	67.65	-4.46	67.65 - j4.46
2	1	28229.99	1.34	16.65	-19.95	65.65	-6.70	65.65 - j6.70
3	1	28499.98	1.33	16.92	-21.37	64.90	-6.88	64.90 - j6.88
4	1	29300.01	2.08	9.18	-48.61	65.90	-39.24	65.90 - j39.24

AA-230 ZOOM, 14.12.2023-11:59, RL graph



Use Control(Command) with Mouse scroll to change Y-axis scale

Use Mouse scroll to change X-axis scale

Marker	#	FQ, kHz	SWR	RL, dB	Phase°	R, Ohm	X, Ohm	Z, Ohm
1	1	28073.99	1.37	16.18	-12.26	67.65	-4.46	67.65 - j4.46
2	1	28229.99	1.34	16.65	-19.95	65.65	-6.70	65.65 - j6.70
3	1	28499.98	1.33	16.92	-21.37	64.90	-6.88	64.90 - j6.88
4	1	29300.01	2.08	9.18	-48.61	65.90	-39.24	65.90 - j39.24