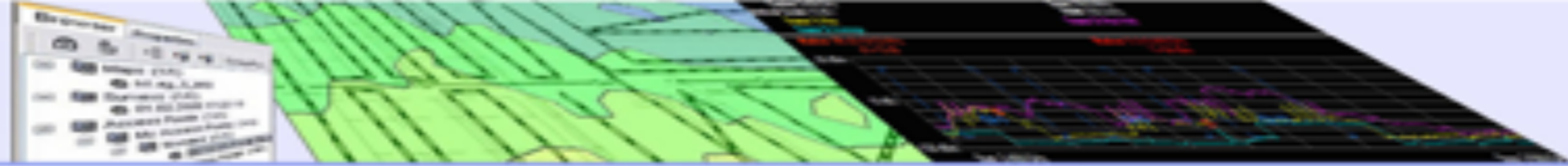


#WLANKLASSENTREFFEN



2023

Die Mystik des Radars



DFS Kanäle

✕

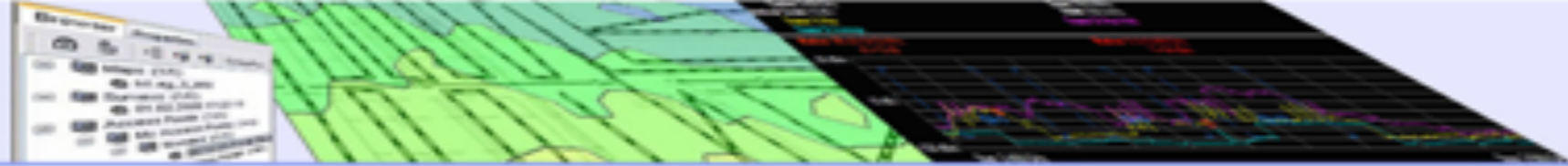
	UNII-1	UNII-2	UNII-2-Extended	Weather Radar	UNII-3	ISM	UNII-4																					
20 MHz	36	40	44	48	52	56	60	64	100	104	108	112	116	120	124	128	132	136	140	144	149	153	157	161	165	169	173	177
40 MHz	38		46		54		62		102		110		118		126		134		142		151		159		167		175	
80 MHz	42				58				106				122				138				155				171			

5-lo
5-hi

DFS channels
Deselect DFS channels

Dual 5 GHz Mode
You have APs that can broadcast 5GHz with two different radios. These radios are indicated by 5-lo and 5-hi above. If you want to broadcast on both radios, select at least one channel for each radio.

Cancel
Done



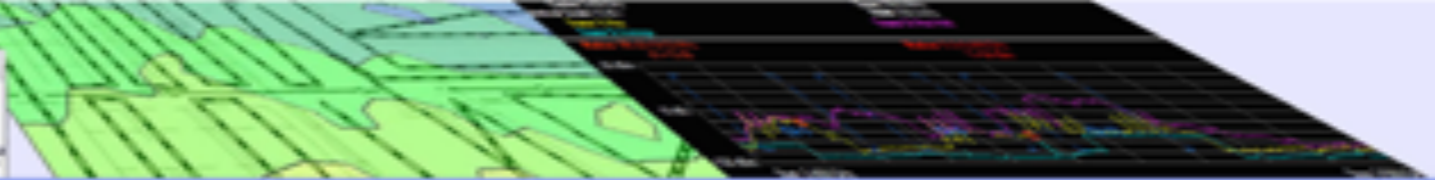
DFS Kanäle

Channels

Automatic Set allowable channels

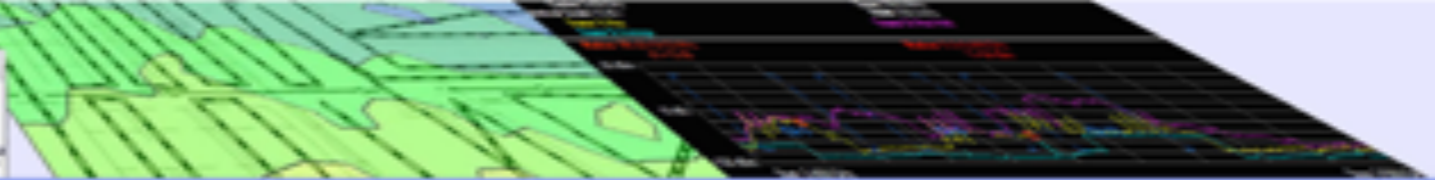
Select All | Clear

- | | | | |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| <input type="checkbox"/> 36 | <input type="checkbox"/> 40 | <input type="checkbox"/> 44 | <input type="checkbox"/> 48 |
| <input type="checkbox"/> 52 (dfs) | <input type="checkbox"/> 56 (dfs) | <input type="checkbox"/> 60 (dfs) | <input type="checkbox"/> 64 (dfs) |
| <input type="checkbox"/> 100 (dfs) | <input type="checkbox"/> 104 (dfs) | <input type="checkbox"/> 108 (dfs) | <input type="checkbox"/> 112 (dfs) |
| <input type="checkbox"/> 116 (dfs) | <input type="checkbox"/> 120 (dfs) | <input type="checkbox"/> 124 (dfs) | <input type="checkbox"/> 128 (dfs) |
| <input type="checkbox"/> 132 (dfs) | <input type="checkbox"/> 136 (dfs) | <input type="checkbox"/> 149 | <input type="checkbox"/> 153 |
| <input type="checkbox"/> 157 | <input type="checkbox"/> 161 | | |



Wetterradar

▲ Die 17 Radarstandorte des Deutschen Wetterdienstes -
 mit einer Reichweite von jeweils 150 km



Stand: 25.04.2018

Wetterradar

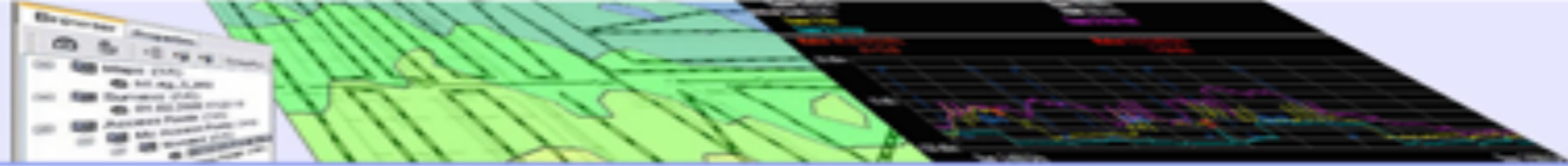
Metadaten zu den Radaren des Radarverbunds des DWD

Name des Radarstandortes	Kürzel	WMO-Nr.	geographische Koordinaten WGS 84 (B/L)	geographische Koordinaten WGS 84 (B/L)	Koordinaten Gauss-Krüger (Ellipsoid Bessel, Datum Potsdam, Zentralpunkt Rauenberg; R/H-Wert)	Antennenhöhe (gerundet) [müNN]
ASR Borkum	ASB	10103	53° 33' 50,44"N 6° 44' 53,85"E	53,564011N 6,748292E	2549620,01 5937210,01	36
Boostedt	BOO	10132	54° 00' 15,8"N 10° 02' 48,8"E	54,004381N 10,046899E	3568712,16 5986471,67	125
Dresden	DRS	10488	51° 07' 28,7"N 13° 46' 07,1"E	51,124639N 13,768639E	5413931,59 5666227,20	263
Eisberg	EIS	10780	49° 32' 26,4"N 12° 24' 10,0"E	49,540667N 12,402788E	4529259,09 5489393,48	799
Essen	ESS	10410	51° 24' 20,3"N 06° 58' 01,6"E	51,405649N 6,967111E	2567337,67 5697219,67	185
Feldberg	FBG	10908	47° 52' 25"N 08° 00' 13"E	47,873611N 8,003611E	3425538,60 5304415,89	1516
Flechtendorf	FLD	10440	51° 18' 40,3"N 08° 48' 07,2"E	51,311197N 8,801998E	3486267,92 5686285,05	628
Hannover	HNR	10339	52° 27' 36,3"N 09° 41' 40,3"E	52,460083N 9,694533E	3547280,44 5814324,97	98
Isen	ISN	10873	48° 10' 28,9"N 12° 06' 06,4"E	48,174705N 12,101779E	4507676,89 5337415,62	678
Memmingen	MEM	10950	48° 02' 31,7"N 10° 13' 09,2"E	48,042145N 10,219222E	4367326,55 5324205,19	724
Neuhaus	NEU	10557	50° 30' 00,4"N 11° 08' 06,1"E	50,500114N 11,135034E	4438737,55 5596391,56	880
Neuheilenbach	NHB	10605	50° 06' 34,8"N 06° 32' 54,0"E	50,109656N 6,548328E	2539267,48 5552749,66	586
Offenthal	OFT	10629	49° 59' 05,1"N 08° 42' 46,6"E	49,984745N 8,712933E	3479487,04 5538749,75	246
Prötzel	PRO	10392	52° 38' 55,2"N 13° 51' 29,6"E	52,648667N 13,858212E	5422859,06 5835690,23	194
Rostock	ROS	10169	54° 10' 32,4"N 12° 03' 29,1"E	54,175660N 12,058076E	4503894,00 6005029,00	37
Türkheim	TUR	10832	48° 35' 07,4"N 09° 46' 57,6"E	48,585379N 9,782675E	3557818,79 5383375,59	768
Ummendorf	UMD	10356	52° 09' 36,3"N 11° 10' 33,9"E	52,160096N 11,176091E	4443722,00 5781035,00	185

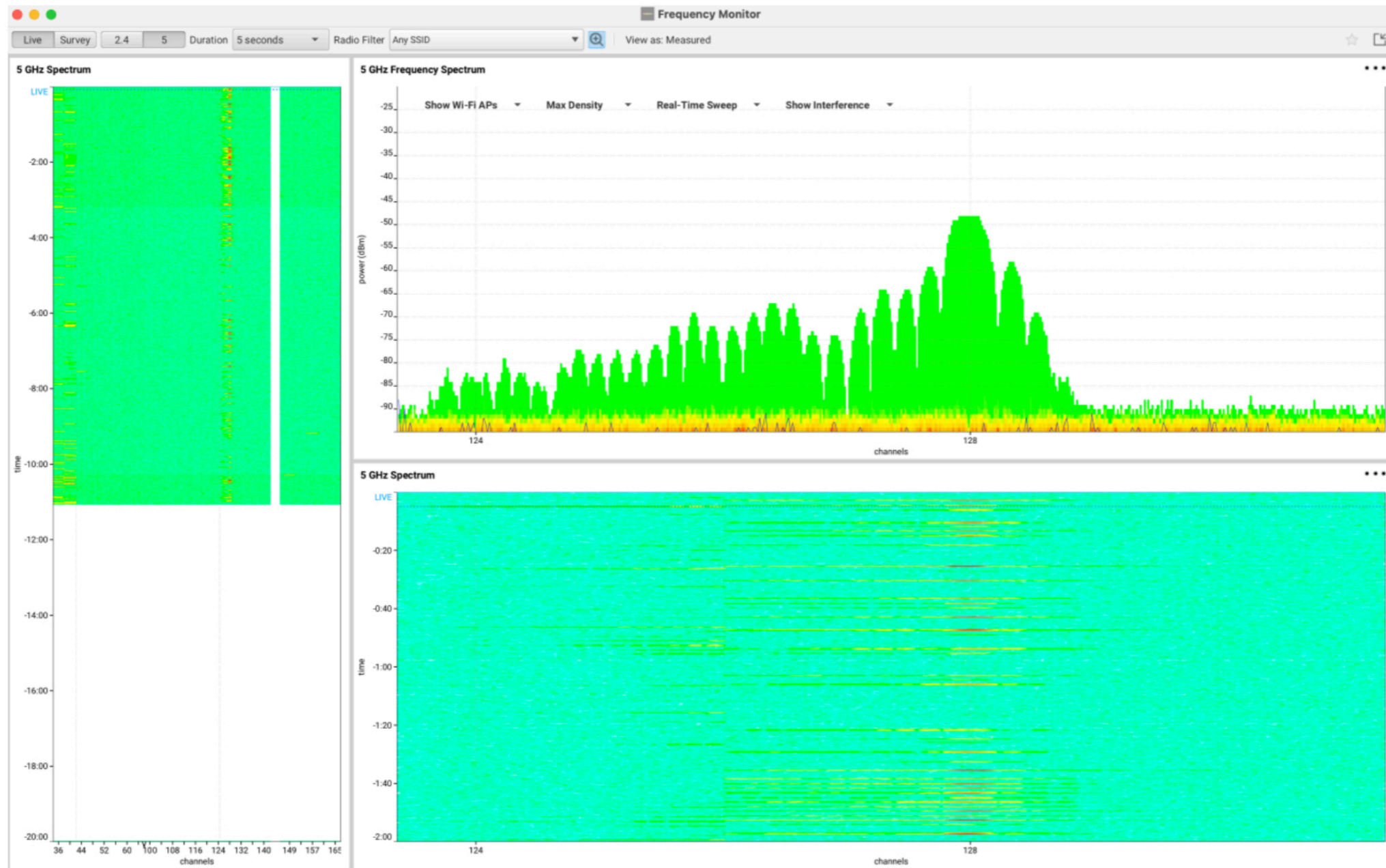
Hinweis: Die bisherigen Koordinaten wurden anhand der Unterlagen aus dem Projekt zum Ersatz der Radarsysteme überprüft, die eingemessenen Koordinaten übernommen. Daher haben sich die Koordinaten aller Standorte bis auf Feldberg, Rostock und ASR Borkum entweder in den WGS 84 und/oder in den Gauß-Krüger Koordinaten leicht geändert. Die Antennenhöhen von ASR Borkum, Eisberg, Hannover, Neuhaus, Neuheilenbach, Rostock und Ummendorf haben sich ebenfalls geändert.



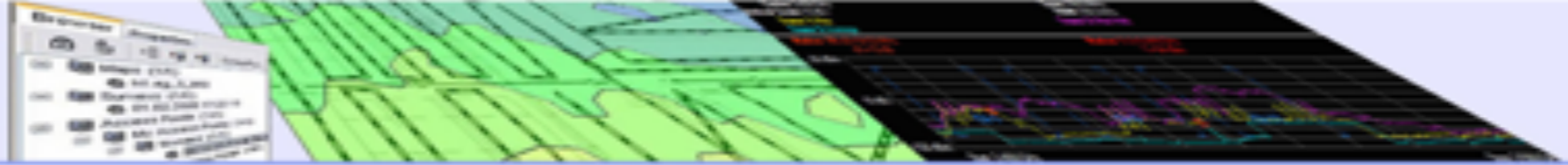
Prötzel



Ch 128



Img. 3. Captured signal at DWD radar Prötzel at ch 128



Demo



Access Points (324)

- Radarturm (3)
- M (NetGear)
- 12
- Measured AP-27:90 (FN-Link)
- 6

SHARED VISUALIZATION OPTIONS

Visualization Mode: Smooth (selected), Detailed, Inspector

Accuracy: 12m, 8m, 5m, 3m, 2m

Opacity: 30%, 40%, 50%, 60%, 70% (selected), 80%, 90%, 100%

Signal Prediction: Off, Current..., +1 floor, +2 floors, All floors

View as Mobile Device: Off

Automatic Refresh: On

VISUALIZATION-SPECIFIC OPTIONS

Maximum over all channels

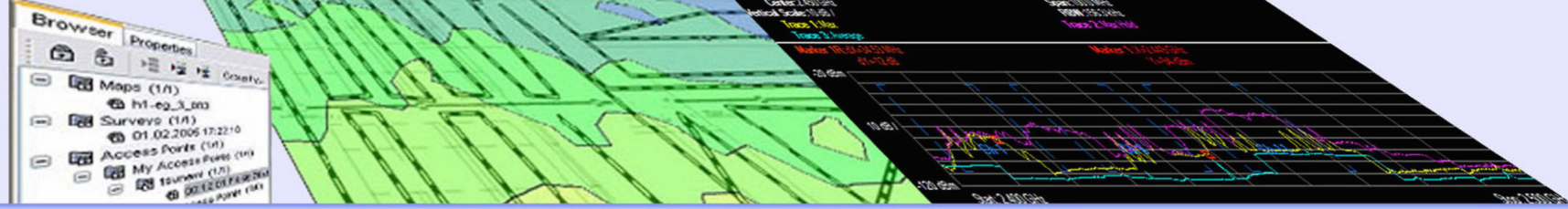
Color Scheme: 5

Legend Range: -85, -40

Adjustable color range: On

Contours: On

Spacing: 1



Fragen?

Jetzt!

Später!

**zB: SIGNAL: DACH WLAN
Stammtisch**

rkriedemann@2ndwave.de

T itter: @wifwise

