

PRO SERIES

5G READY

# RDF-G25

Flagship portable interference analyzer. 5G NR support, extended dynamic range of 130 dB and precision filtering.

**130 dB**

DYN. RANGE

**-106**

DBM SENS.

**14**

RF FILTERS

**4.5h**

BATTERY



## Specification

Display	OLED 1.69" Color
Dynamic Range	130 dB
Sensitivity (2G)	-106 dBm
Sensitivity (4G)	-92 dBm
RF Inputs	4 x SMA (Switch)
Filters	14 Band-pass
PC Interface	USB-C (Power & Data)
Navigation	2 x Compasses, GPS (Ext)

## Standards Support

### 5G NR (Exp)

n1 n3 n7 n20 n28

### LTE (4G)

FDD

Full support for major global bands (Band 1-28, 65+).

### Legacy

3G / 2G

UMTS Band 1, 2, 4, 5, 8 + GSM 850/900/1800/1900

#### VISUALIZATION



##### Symbol Scale

40 level gradations



##### Linear Graph

Spectrum Analysis



##### Polar Plot

Source Direction Finding



##### Power Delivery & Data

USB-C port supports fast charging, PowerBank mode, and data transfer (logging).



##### Geo-referencing

Smartphone integration via Bluetooth for precise GPS coordinates and heatmap creation.

## ☰ Frequency Channel Table

### 5G NR (New Radio)

BAND	CHANNELS
n1	422000-434000
n3	363500-376500
n7	524000-538000
n20	164602-169600
n28	152600-164600

### GSM / Legacy

BAND	CHANNELS
GSM-E 900	0-124
GSM-E Ext	975-1023
DCS 1800	512-885
GSM 850	128-251
PCS 1900	512-810

### LTE (4G) - Full band list

<b>Band 1</b> 0 - 599	FDD	<b>Band 2</b> 600 - 1199	FDD	<b>Band 3</b> 1200 - 1949	FDD	<b>Band 4</b> 1950 - 2399	FDD
<b>Band 5</b> 2400 - 2649	FDD	<b>Band 6</b> 2650 - 2749	FDD	<b>Band 7</b> 2750 - 3449	FDD	<b>Band 8</b> 3450 - 3799	FDD
<b>Band 9</b> 3800 - 4149	FDD	<b>Band 10</b> 4150 - 4749	FDD	<b>Band 11</b> 4750 - 4949	FDD	<b>Band 12</b> 5010 - 5179	FDD
<b>Band 13</b> 5180 - 5279	FDD	<b>Band 14</b> 5280 - 5379	FDD	<b>Band 17</b> 5730 - 5849	FDD	<b>Band 18</b> 5850 - 5999	FDD
<b>Band 19</b> 6000 - 6149	FDD	<b>Band 20</b> 6150 - 6449	FDD	<b>Band 21</b> 6450 - 6599	FDD	<b>Band 22</b> 6600 - 7399	FDD
<b>Band 23</b> 7500 - 7699	FDD	<b>Band 24</b> 7700 - 8039	FDD	<b>Band 25</b> 8040 - 8689	FDD	<b>Band 26</b> 8690 - 9039	FDD
<b>Band 27</b> 9040 - 9209	FDD	<b>Band 28</b> 9210 - 9659	FDD	<b>Band 32</b> 9770 - 9869	SDL	<b>Band 65</b> 65536 - 66435	FDD
<b>Band 66</b> 66436 - 67335	FDD	<b>Band 68</b> 68336 - 68585	FDD	<b>Band 69</b> 69036 - 69465	SDL	<b>Band 70</b> 70646 - 70705	FDD
<b>Band 73</b> 73386 - 73485	FDD	<b>IoT / Ext Channels</b> 228301 - 229375			SPECIAL		

### UMTS (3G)

B1 Main	B2 Main/Ext	B3 Main	B4 Main/Ext	B5 Main/Ext	B8 Main	B19 Main/Ext	B20 Main
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