

## Содержание

|                       |   |
|-----------------------|---|
| <b>Wireless</b> ..... | 3 |
| <b>Antenna</b> .....  | 3 |
| GNSS .....            | 3 |
| <b>WIFI</b> .....     | 4 |
| Manufacturers .....   | 4 |
| Modules .....         | 5 |



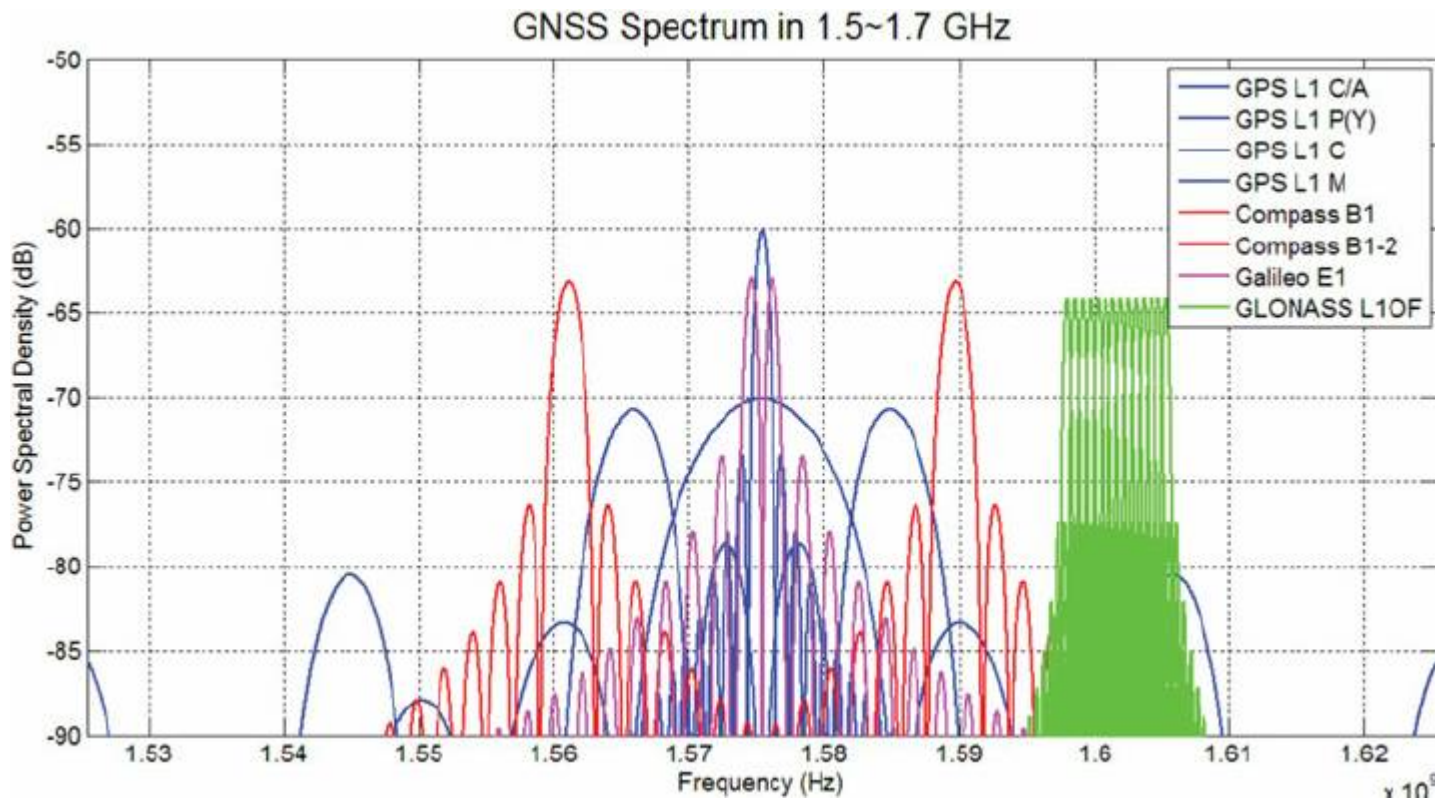
# Wireless



<http://nvs-gnss.ru/> NVS - навигационные технологии

## Antenna

### GNSS



<http://nvs-gnss.ru/products/antennas/item/12-glonass-antenna-gpsl1gl-tmg-40n.html>

## WIFI

### Manufacturers

|                                                                                                                                                                                                                                                                                                                                   |                    |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------|
| <a href="https://www.nxp.com/products/wireless/wi-fi-plus-bluetooth:WIFI-BLUETOOTH">https://www.nxp.com/products/wireless/wi-fi-plus-bluetooth:WIFI-BLUETOOTH</a>                                                                                                                                                                 | NXP                | chipsets, PMIC, NXP купила WIFI бизнес Marvell |
| <a href="https://www.infineon.com/cms/en/product/wireless-connectivity/">https://www.infineon.com/cms/en/product/wireless-connectivity/</a>                                                                                                                                                                                       | Infineon           | chipsets, Infineon купила WIFI бизнес Cypress  |
| <a href="https://www.silabs.com/wireless/wi-fi?tab=hardware#hardware">https://www.silabs.com/wireless/wi-fi?tab=hardware#hardware</a>                                                                                                                                                                                             | Silabs             | SIP                                            |
| <a href="https://ark.intel.com/content/www/ru/ru/ark.html#@Wireless">https://ark.intel.com/content/www/ru/ru/ark.html#@Wireless</a>                                                                                                                                                                                               | Intel              | chipsets, modules                              |
| <a href="https://www.ti.com/wireless-connectivity/wi-fi/overview.html">https://www.ti.com/wireless-connectivity/wi-fi/overview.html</a>                                                                                                                                                                                           | TI                 | chipsets                                       |
| <a href="https://www.qualcomm.com/products/technology/wi-fi#overview">https://www.qualcomm.com/products/technology/wi-fi#overview</a>                                                                                                                                                                                             | Qualcom            | chipsets                                       |
| <a href="https://www.nxp.com/products/wireless/wi-fi-plus-bluetooth/wi-fi-plus-bluetooth-modules:WIFI-BLUETOOTH-MODULES">https://www.nxp.com/products/wireless/wi-fi-plus-bluetooth/wi-fi-plus-bluetooth-modules:WIFI-BLUETOOTH-MODULES</a>                                                                                       | NXP                | Modules from Nxp partners                      |
| <a href="https://www.infineon.com/dgdl/Infineon-Wireless_Module_Partners_Selector_Guide-ProductSelectionGuide-v01_00-EN.pdf?filed=8ac78c8c82ce56640183184a05d72e5a">https://www.infineon.com/dgdl/Infineon-Wireless_Module_Partners_Selector_Guide-ProductSelectionGuide-v01_00-EN.pdf?filed=8ac78c8c82ce56640183184a05d72e5a</a> | Infineon           | Modules from Infineon partners                 |
| <a href="https://www.broadcom.com/solutions/broadband-wired-networking/broadband-wi-fi-ap-solutions">https://www.broadcom.com/solutions/broadband-wired-networking/broadband-wi-fi-ap-solutions</a>                                                                                                                               | Broadcom           | SOC                                            |
| <a href="https://www.murata.com/products/connectivitymodule/wi-fi-bluetooth">https://www.murata.com/products/connectivitymodule/wi-fi-bluetooth</a>                                                                                                                                                                               | Murata             | Modules, SIP                                   |
| <a href="https://www.azurewave.com/wireless-modules.html">https://www.azurewave.com/wireless-modules.html</a>                                                                                                                                                                                                                     | AzureWave          | Modules, SIP                                   |
| <a href="https://www.inventeksys.com/">https://www.inventeksys.com/</a>                                                                                                                                                                                                                                                           | Inventek           | Modules                                        |
| <a href="https://www.lairdconnect.com/wireless-modules/wifi-modules-bluetooth">https://www.lairdconnect.com/wireless-modules/wifi-modules-bluetooth</a>                                                                                                                                                                           | Laird Connectivity | Modules                                        |
| <a href="https://www.lantronix.com/products-class/embedded-wireless-modules/">https://www.lantronix.com/products-class/embedded-wireless-modules/</a>                                                                                                                                                                             | Lantronix          | Modules                                        |
| <a href="https://www.quectel.com/wifi-iot-modules">https://www.quectel.com/wifi-iot-modules</a>                                                                                                                                                                                                                                   | Quectel            | Modules                                        |
| <a href="https://www.usiglobal.com/en/products?p_id=WiFi-Module">https://www.usiglobal.com/en/products?p_id=WiFi-Module</a>                                                                                                                                                                                                       | USI                | Modules, SIP                                   |
| <a href="https://www.u-blox.com/en/short-range-radio-modules">https://www.u-blox.com/en/short-range-radio-modules</a>                                                                                                                                                                                                             | u-blox             | Modules                                        |
| <a href="https://www.cel.com/product/">https://www.cel.com/product/</a>                                                                                                                                                                                                                                                           | CEL                | Modules                                        |
| <a href="https://kagafeurope.com/products/modules/modules-2/">https://kagafeurope.com/products/modules/modules-2/</a>                                                                                                                                                                                                             | KAGA FEI           | Modules, SIP                                   |
| <a href="https://www.hd-wireless.com/products/connectivity-modules/products/">https://www.hd-wireless.com/products/connectivity-modules/products/</a>                                                                                                                                                                             | H&D Wireless       | Modules, SIP                                   |

<https://pideu.panasonic.de/products/wireless-modules.html>

|                                                      |         |
|------------------------------------------------------|---------|
| Panasonic<br>Industrial<br>Devices<br>Europe<br>GmbH | Modules |
|------------------------------------------------------|---------|

## Modules

| link                                   | ext | description | manufacturer | version | date | lang |
|----------------------------------------|-----|-------------|--------------|---------|------|------|
| <a href="#">lbee5kl1dx-1274263.pdf</a> | pdf |             | Murata       |         |      |      |
| <a href="#">type1ym.pdf</a>            | pdf |             | Murata       |         |      |      |
| <a href="#">wf200-datasheet.pdf</a>    | pdf |             | Silabs       |         |      |      |