

ST 181 Base stations monitoring device



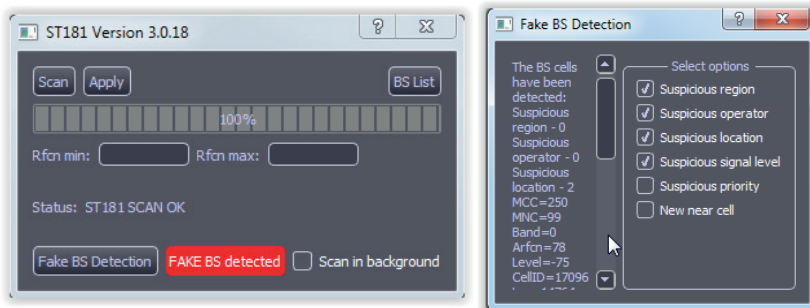
ST181 PROVIDES ANALYSIS OF 2G, 3G AND 4G NETWORKS OF ALL MOBILE OPERATORS USING THE "ST181 ANALYZER" WINDOWS SOFTWARE

LIST OF DETECTED BASE STATIONS

Number	Band	Operator	RFCN	Base Frequency, MHz	Mobile Frequency, MHz	Signal Level, dBm	Cell ID	Lac (Tac)
72	4G	Tele2	1275	1812.5	1717.5	-62	199682317	19686
30	2G	Beeline	644	1831.6	1736.6	-76	16322	14764
50	2G	MTS	660	1834.8	1739.8	-89	2884	260
48	2G	MTS	680	1838.8	1743.8	-88	61225	260
67	4G	Megafon	1596	1844.6	1749.6	-61	202075354	7814
68	4G	Yota	1596	1844.6	1749.6	-61	202075354	7814
69	4G	Megafon	1596	1844.6	1749.6	-63	199696840	7814
70	4G	Yota	1596	1844.6	1749.6	-63	199696840	7814
44	2G	MTS	742	1851.2	1756.2	-87	16975	260
71	4G	MTS	1721	1857.1	1762.1	-63	51567109	17838
16	2G	Megafon	800	1862.8	1767.8	-75	2127	7839
26	2G	Megafon	805	1863.8	1768.8	-73	991	7837
2	2G	Megafon	807	1864.2	1769.2	-59	16002	7839
51	2G	Megafon	814	1865.6	1770.6	-91	22182	7837
37	2G	Megafon	823	1867.4	1772.4	-80	9025	7837
46	2G	Beeline	850	1872.8	1777.8	-87	17823	14782
31	2G	Beeline	852	1873.2	1778.2	-77	17821	14782
8	2G	Tele2	858	1874.4	1779.4	-68	10112	19686

FAKE BS DETECTION

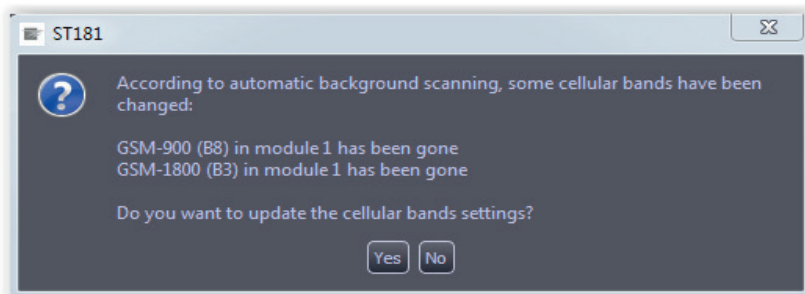
Selectable detection conditions and alarm indication



USING OF ST181 TOGETHER WITH ST154 AND ST167

Automatic installation bands of cellular. Only real working cellular bands in specific area are being analyzed;

Constant «Background» monitoring gives ability to operative new frequency bands detection and adapt them to changing radio environment.



Connection to a PC via USB

LIST OF EQUIPMENT

1. Radio receiver device (ST181R)
2. UHF antenna
3. USB cable
4. Charger/power supply
5. USB flash drive with the software and "Technical description and operating manual"

SPECIFICATION

Frequency range, MHz	B8 (2G 900), B3 (2G 1800), B2, B8 (3G 900), B1, B3 (4G 800), B7, B8 (4G 900), B20 (800)
Interface	USB
Dimensions ST181.R, mm	83x52x15