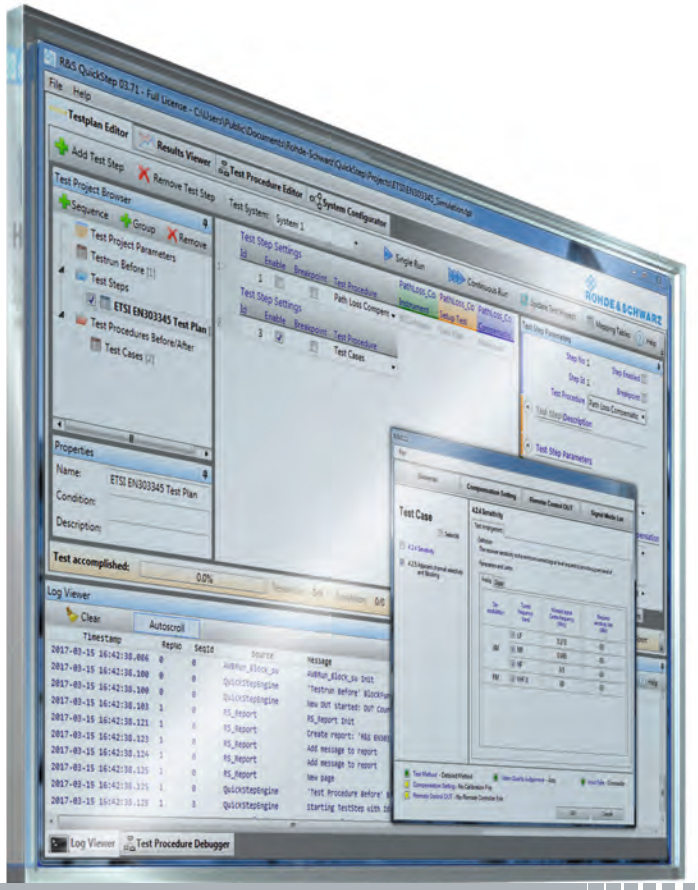
Генератор последовательностей TA-TRS

Тестирование телевизионных приемников



R&S®TA-TRS Sequencer

At a glance

R&S®TA-TRS is a sequencer test software that further enhances seamless RF test experience for broadcast receivers. It features a user-friendly interface and unique test configurations such as loss compensation, multiple interfering signals, and smart learning of DUT control by infrared remote control.

Incorporated with the R&S®BTC broadcast test center, R&S®VTx platforms and other Rohde&Schwarz broadcast signal generators, R&S®TA-TRS offers users easy execution and management of test cases for product validation and production testing.

R&S®TA-TRS sequencer is based on the ETSI RED requirements for TV, radio and satellite receivers as specified in ETSI EN 303340, EN 303345 and EN 303372-2.

R&S®TA-TRS sequencer supports composite, HDMI™ and camera inputs for a comprehensive solution for video and audio quality analysis. With R&S®TA-TRS reducing the required testing and development time, thus effectively lowers investment, maintenance costs and increases manpower efficiency.

Key facts

Automated testing in line with EN 303340, EN 303345, EN 303372-2

- Automated image comparisons with reference image and perceptual evaluation of video quality
- Optional camera solution for automated error detections
- Modern intuitive GUI with signal path compensation
- Ease of report generation

All-in-one broadcast solution

- Support RF signals generations of all global broadcasting standards and real-time interference signal generations
- Support DUT audio and video analysis

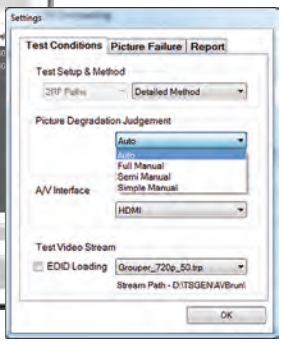
Simplified setup for EN 303340.

Benefits and key features

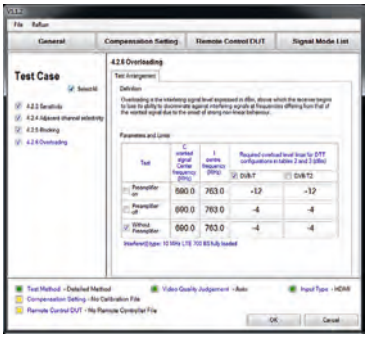
- User-friendly selection for test execution with path compensation
- Perceptual evaluation of video and audio quality using R&S®VTx
- Ensure reproducibility and consistency in test results
- Efficient utilization of resources
- Reduces time and cost of testing
- Ability to re-test failed test case
- Ability to resume test

EN 303340 test mode.

General setting.



Menu.



Real time update of results.

Specifications in brief [1]

EN 303340 (v1.1.2)	Availability in R&S®TA-TRS
Receiver sensitivity	yes
Receiver adjacent channel selectivity	yes
Receiver blocking	yes
Receiver overloading	yes
Unwanted emissions in the spurious domain	no, but available in R&S®TS8996 RSE test system
EN 303345 [2]	
Sensitivity	yes
Receiver adjacent channel selectivity and blocking	yes
Unwanted emissions in the spurious domain	no, but available in R&S®TS8996 RSE test system
EN 303 372-2 (v1.1.1)	
Adjacent signal selectivity	yes
Dynamic range	yes

[1] All information stated in brochure is correct at time of printing and subject to change without notice.
[2] EN 303345 is not yet published, R&S®TA-TRS supports conducted test method only.

Ordering information

Designation	Type	Order No.
R&S®TA-TRS		
ETSI Broadcast RED for R&S®TRS – R&S®BTC	R&S®QS-ETS	1528.9103.02
ETSI Broadcast RED for R&S®TRS – multi instruments	R&S®QS-ETM	1528.9110.02
Upgrade to R&S®QS-ETM	R&S®QS-ETMU	1528.9126.02
R&S®AVBCam		
Camera Package	R&S®BTC-Z3329	2114.7964.02
Camera Software Support	R&S®BTC-KT3332	2114.8090.02

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
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Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
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Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
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Ярославль (4852)69-52-93

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