GTS Waive Report [testDefaultGrants]

Overview

- Test Environment
  - XTS 3.0
- Android Version
  - M
- Test Package
  - DefaultPermissionGrantPolicyTest
- TestCase
  - testDefaultGrants
- Testcase File
  - No source code.
- Fail Rate
  - Always

Description

- Problem
  - GTS asks com.google.android.quicksearchbox to obey the following behaviors
    - Package: com.google.android.googlequicksearchbox should get default permission:android.permission.WRITE_CONTACTS
    - Package: com.google.android.googlequicksearchbox should get default permission:android.permission.GET_ACCOUNTS
    - Package: com.google.android.googlequicksearchbox should get default permission:android.permission.READ_CONTACTS
    - Permission:android.permission.RECORD_AUDIO cannot be granted by default to package:com.google.android.googlequicksearchbox
  - Quick search box will only be pre-granted contacts permissions if it is one of voice interact packages.
    - Voice interact is not supported in this device.
  - In this case, only record audio permission is pre-granted to quick search box because it's the package that handles voice recognition intent.
    - However, GTS request this permission should not be pre-granted.

Reference platform result

- Device name
  - Sprout
- Build Version
  - MRA58M
- Test result
  - Pass

Analysis Report

- Seems the device has to support voice interact so that Google Search Box could get default grant contacts permission.

- Google Search Box could handle speech recognition intent thus the record audio permission will get default grant.

```
android.speech.RecognitionService:
  2c03cbd com.google.android.googlequicksearchbox/com.google.android.voicesearch.serviceapi.GoogleRecognitionService
```

Mediatek Suggestion

- Do not check pre-grant status of com.google.android.googlequicksearchbox since it will depends on the features supported by the device.