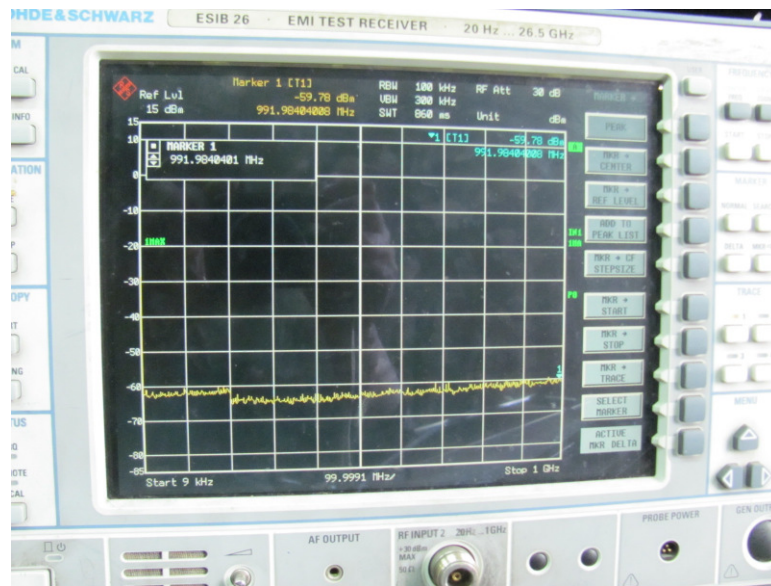
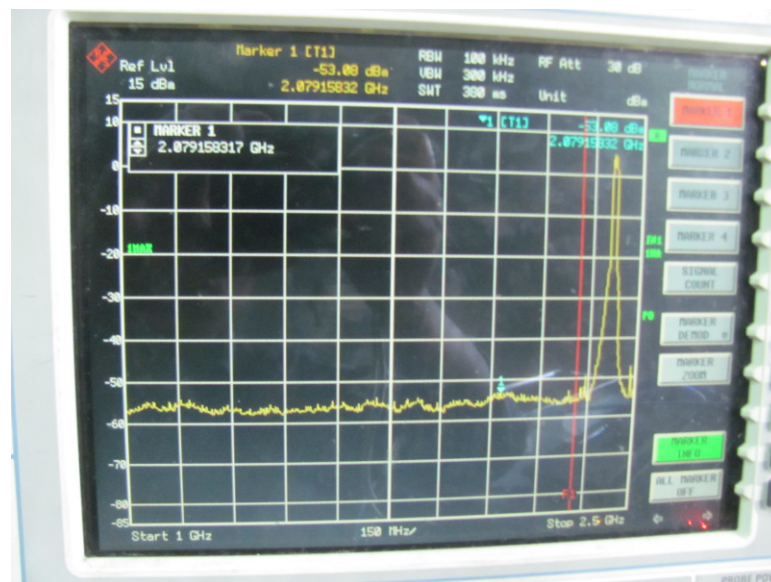


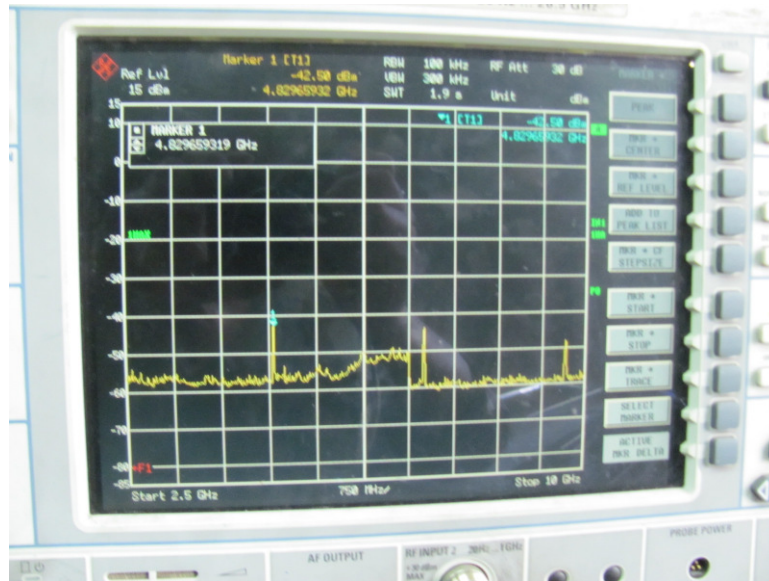
Spurious Emission 9k Hz ~ 1GHz - Frequency L



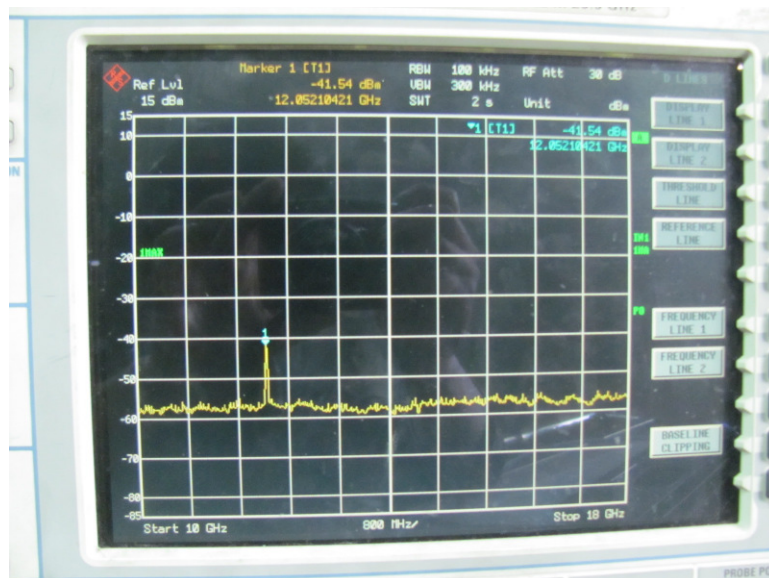
Spurious Emission 1GHz ~ 2.5GHz - Frequency L



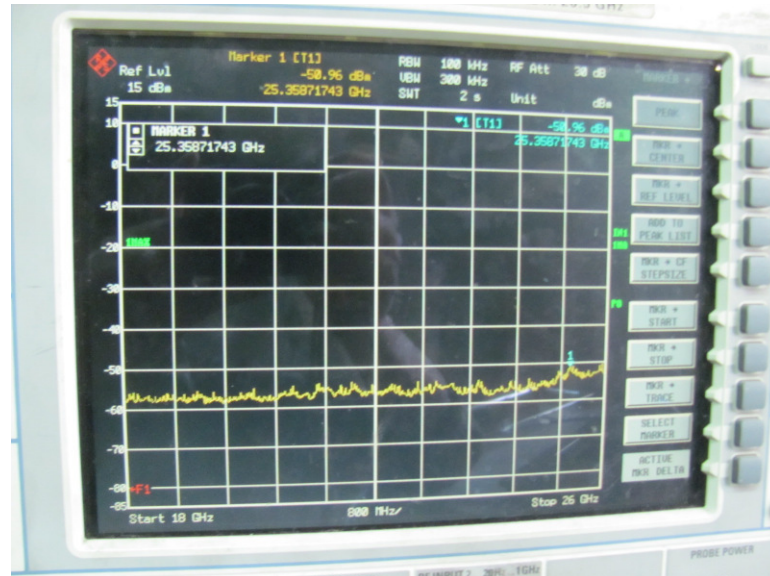
Spurious Emission 2.5GHz ~ 10GHz - Frequency L



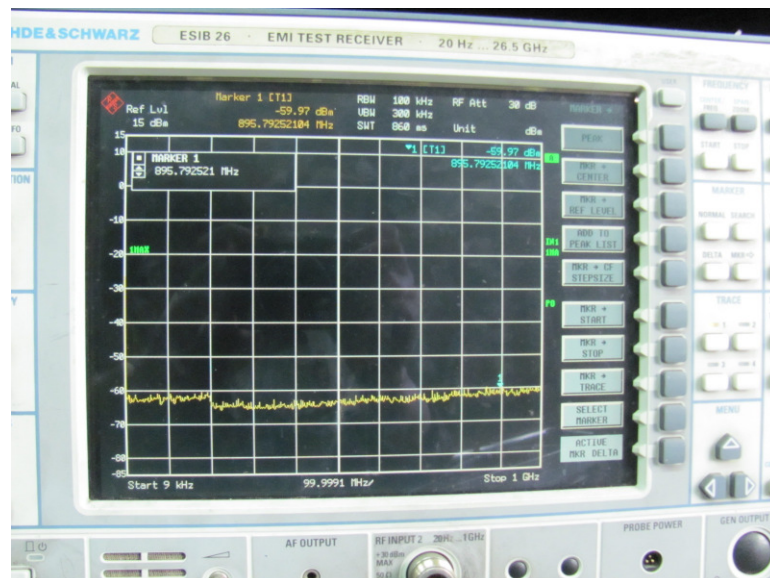
Spurious Emission 10GHz ~ 18GHz - Frequency L



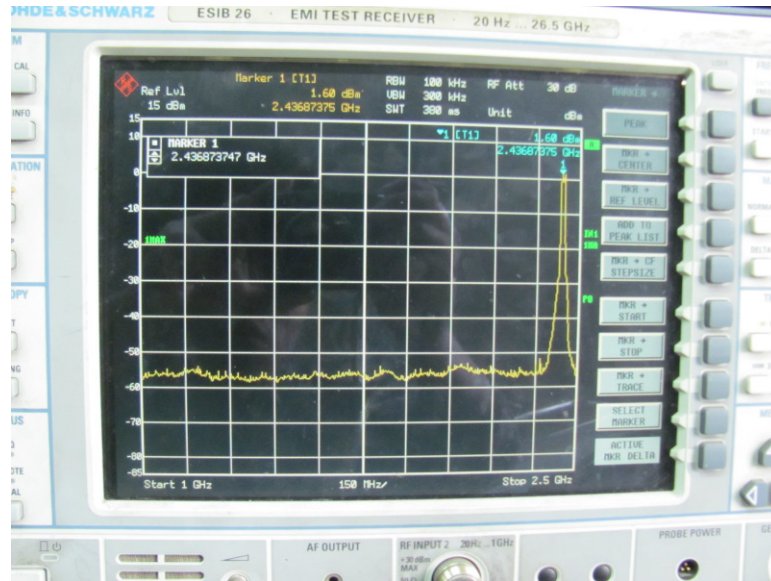
Spurious Emission 18GHz ~ 26GHz - Frequency L



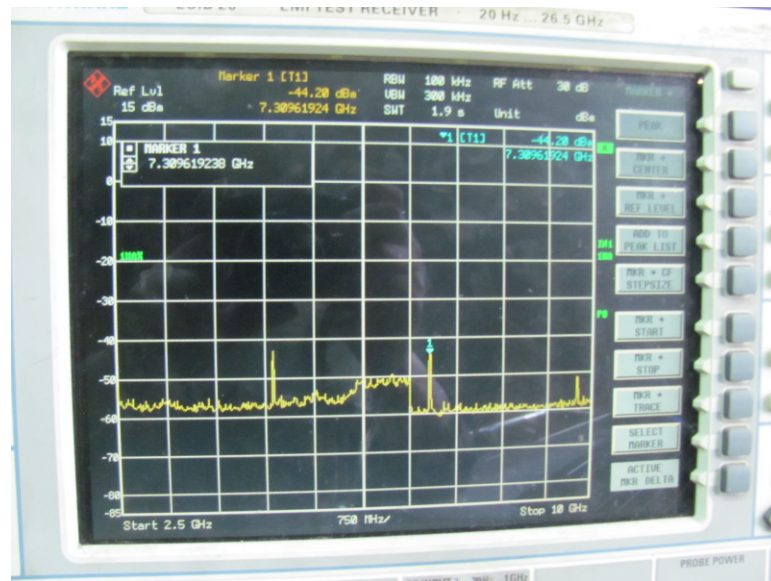
Spurious Emission 9k Hz ~ 1GHz - Frequency M



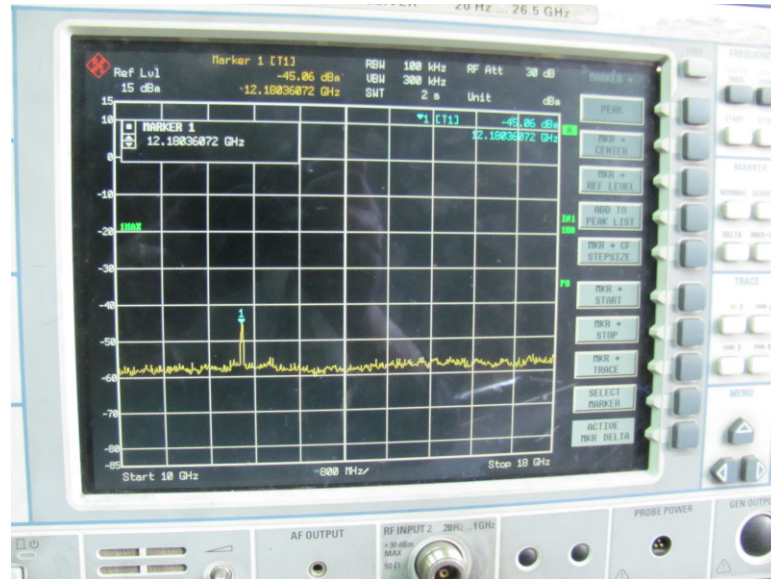
### Spurious Emission 1GHz ~ 2.5GHz - Frequency M



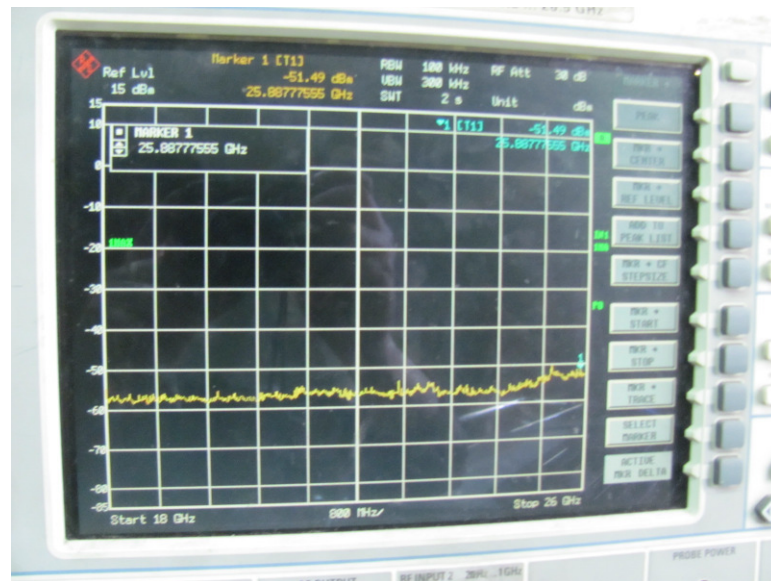
### Spurious Emission 2.5GHz ~ 10GHz - Frequency M



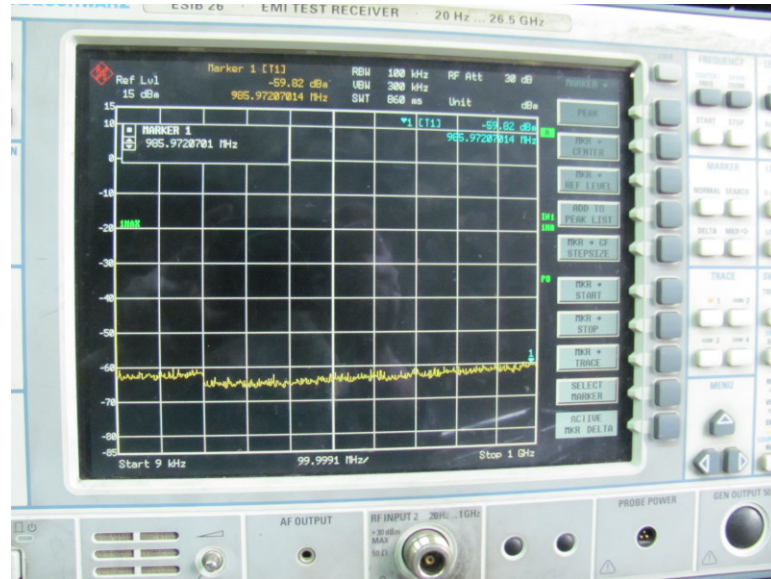
Spurious Emission 10GHz ~ 18GHz - Frequency M



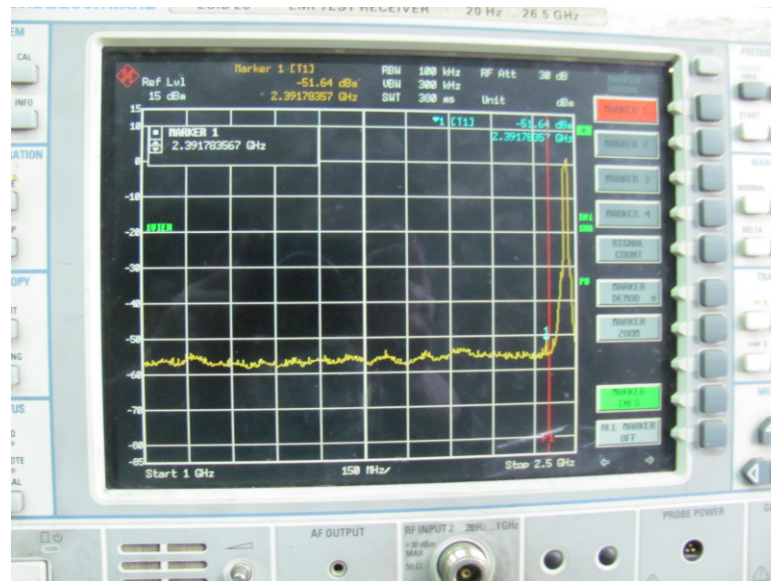
Spurious Emission 18GHz ~ 26GHz - Frequency M



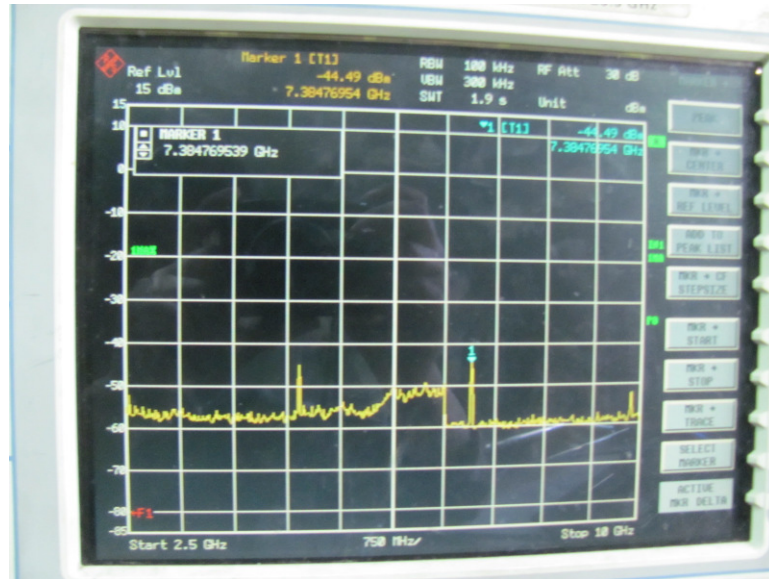
### Spurious Emission 9k Hz ~ 1GHz - Frequency H



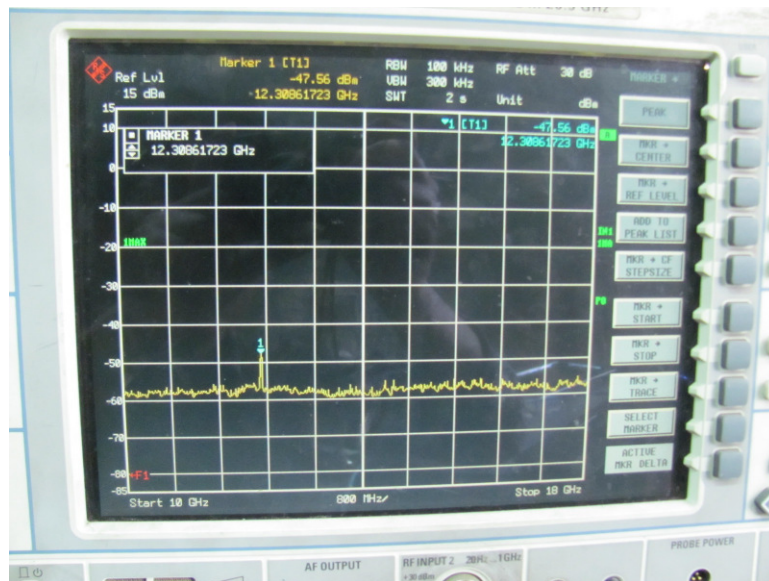
### Spurious Emission 1GHz ~ 2.5GHz - Frequency H



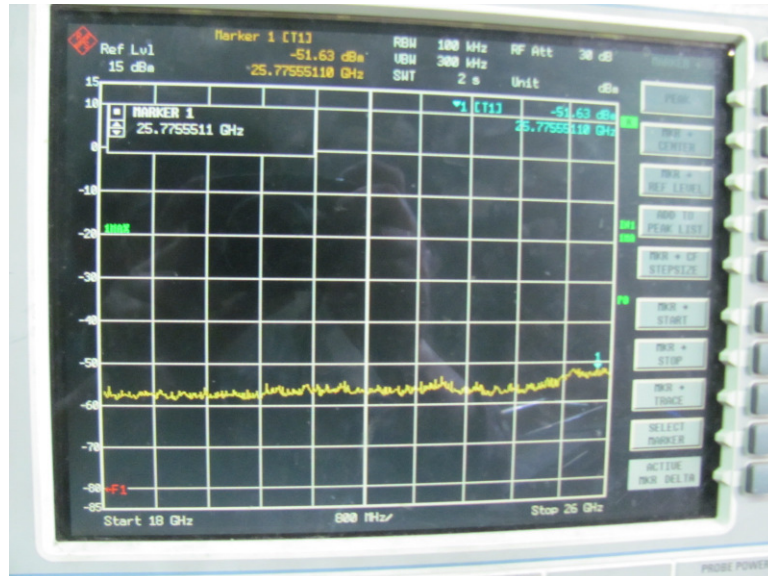
Spurious Emission 2.5GHz ~ 10GHz - Frequency H



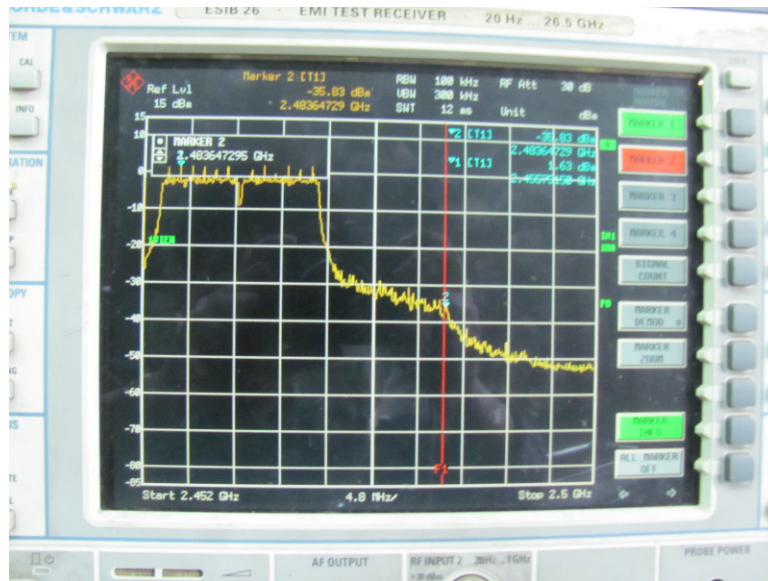
Spurious Emission 10GHz ~ 18GHz - Frequency H



### Spurious Emission 18GHz ~ 26GHz - Frequency H

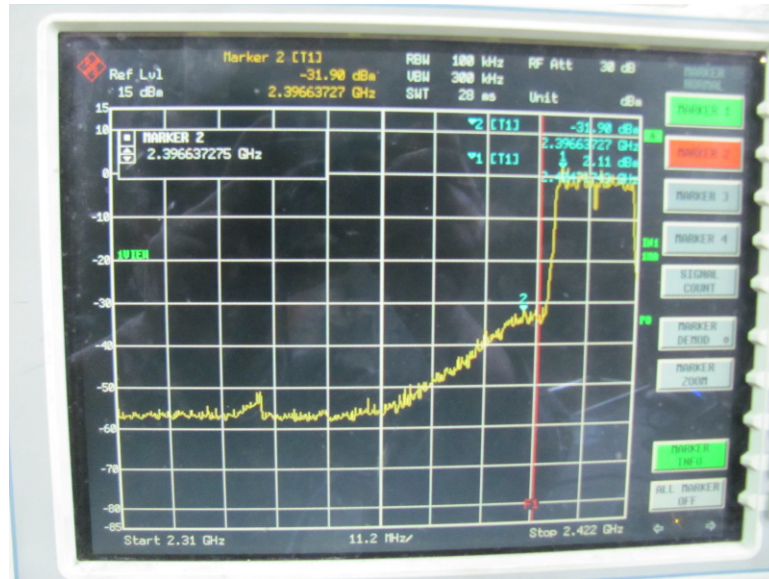


### High Band Edge - Frequency H

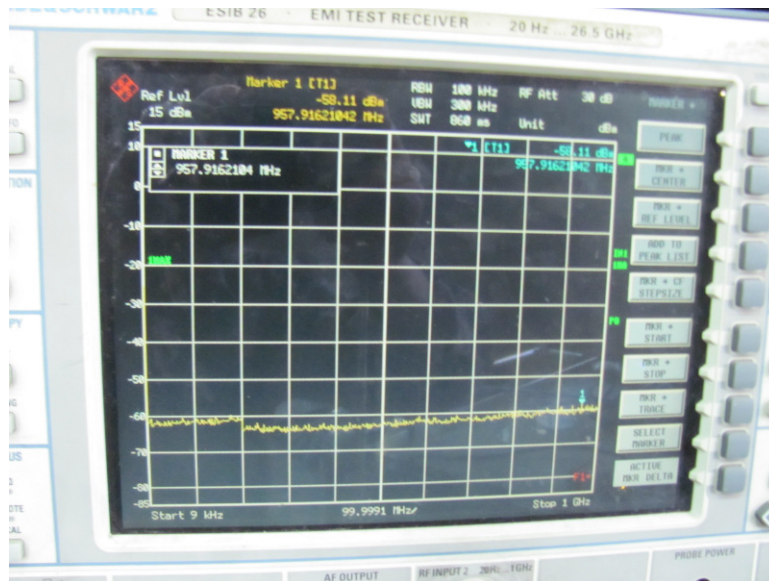


| Mode              | CH | Max reading<br>among band<br>(dBm) | The most restrict<br>Attenuation outside band<br>(dB) | Limit<br>(dB) |
|-------------------|----|------------------------------------|-------------------------------------------------------|---------------|
| 802.11n<br>(HT20) | L  | -31.90                             | 34.01                                                 | $\geq 20$     |
|                   | M  | -48.80                             | 49.52                                                 |               |
|                   | H  | -43.13                             | 43.06                                                 |               |

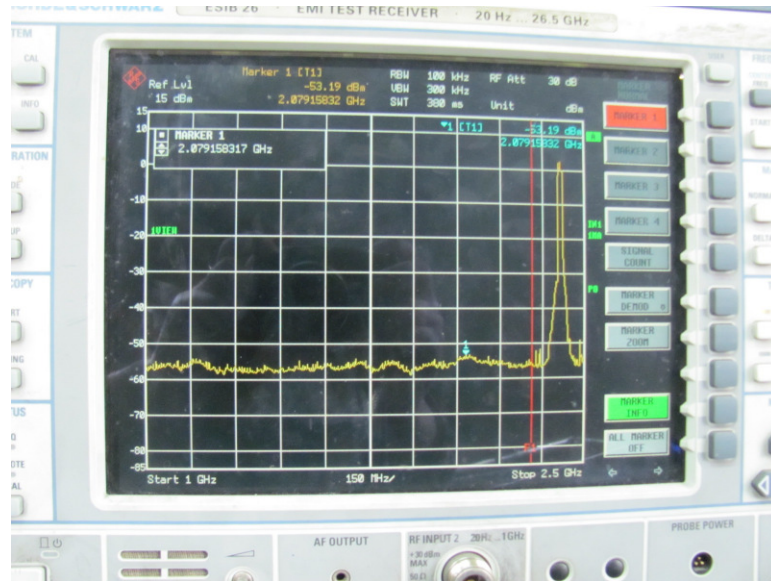
### Low Band Edge - Frequency L



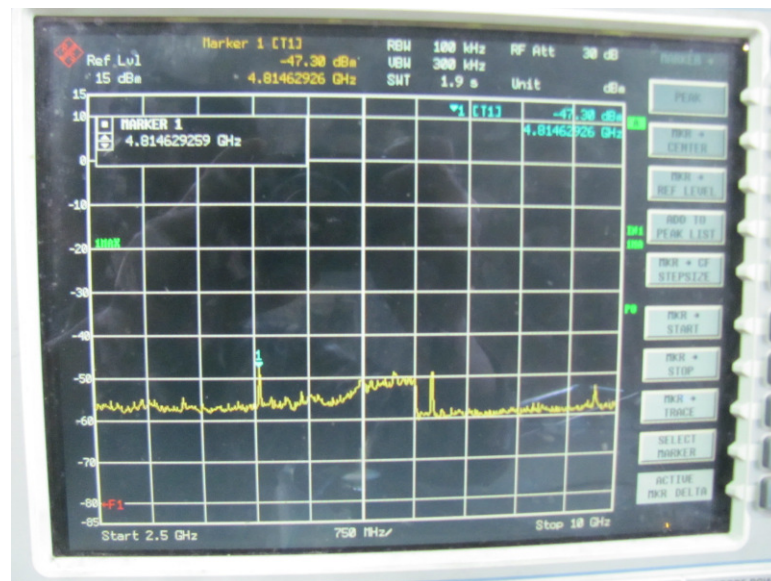
### Spurious Emission 9k Hz ~ 1GHz - Frequency L



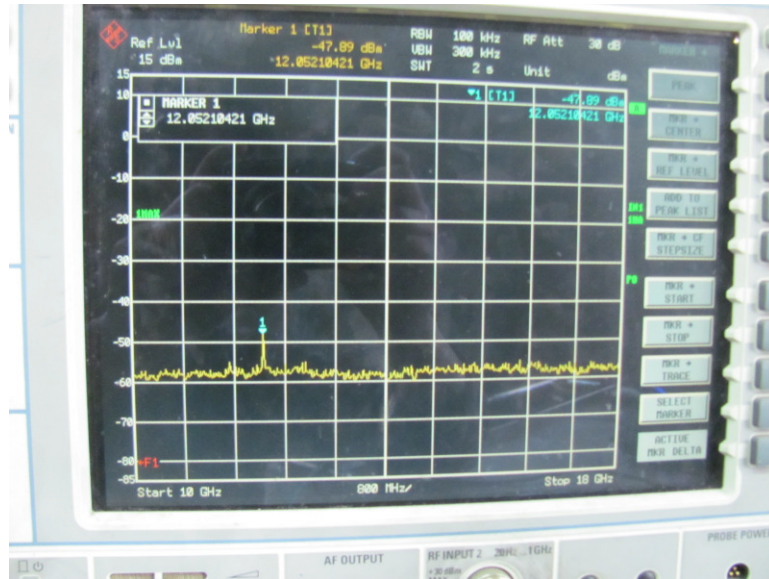
### Spurious Emission 1GHz ~ 2.5GHz - Frequency L



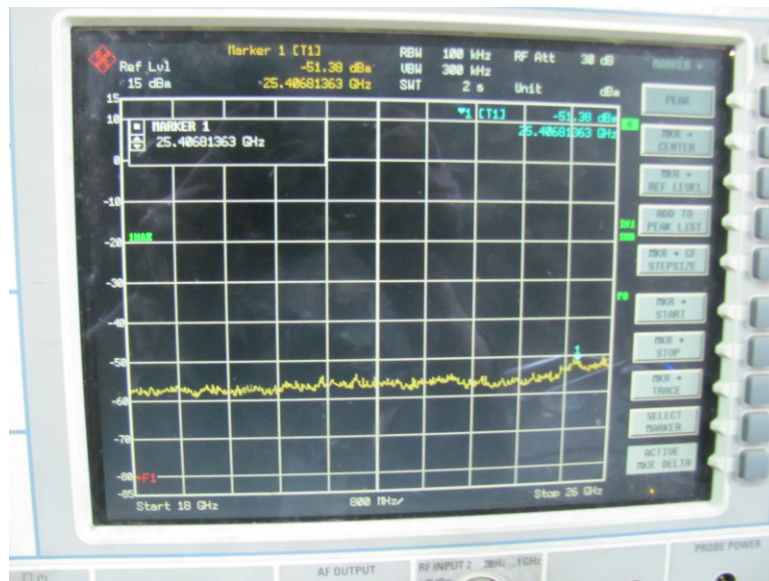
### Spurious Emission 2.5GHz ~ 10GHz - Frequency L



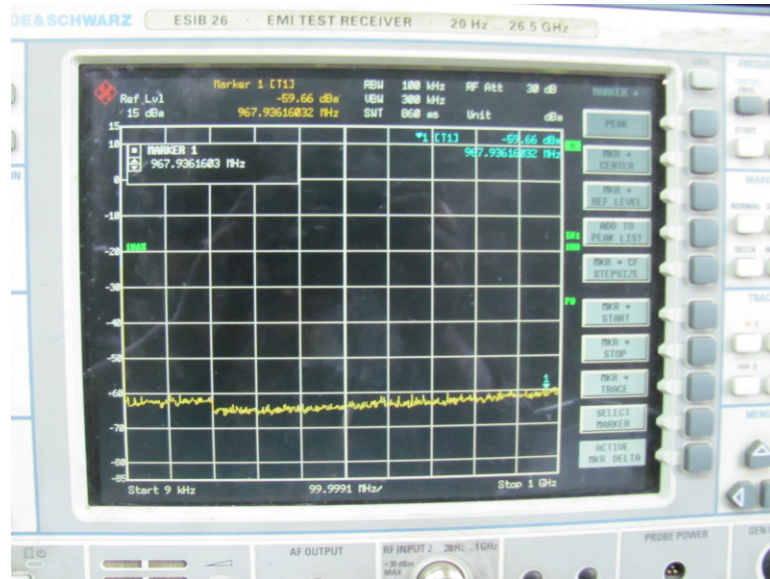
Spurious Emission 10GHz ~ 18GHz - Frequency L



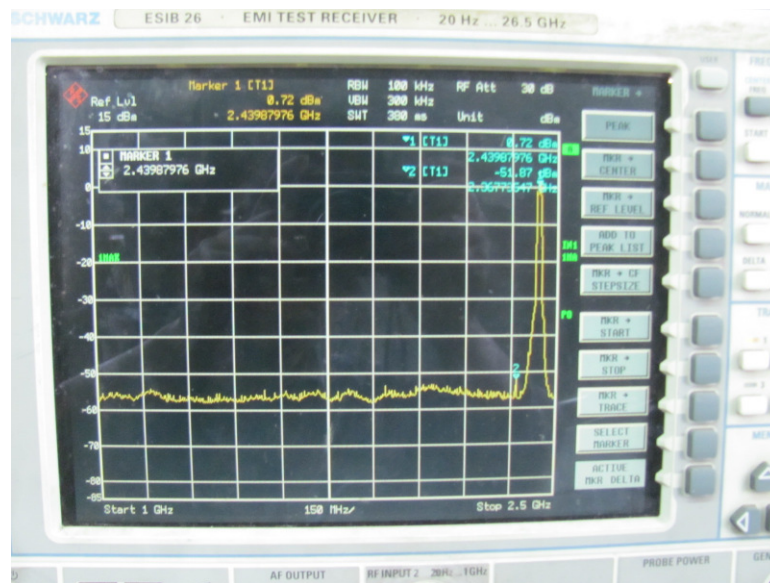
Spurious Emission 18GHz ~ 26GHz - Frequency L



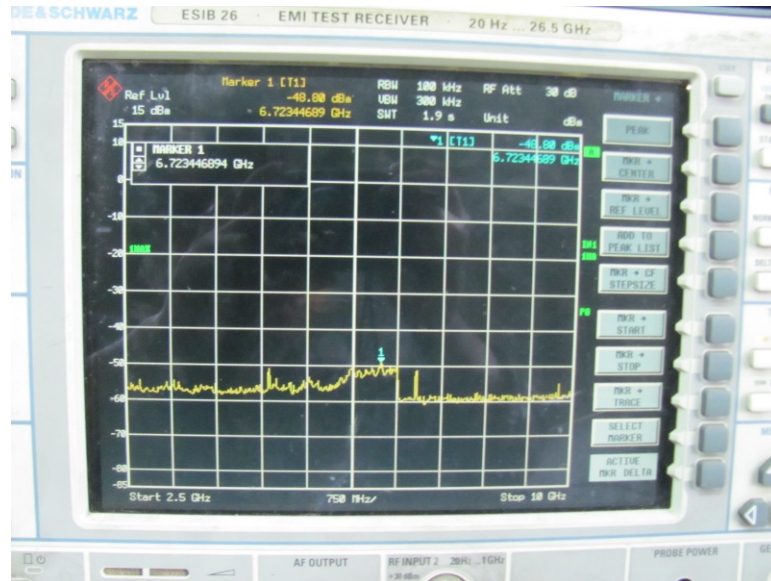
### Spurious Emission 9k Hz ~ 1GHz - Frequency M



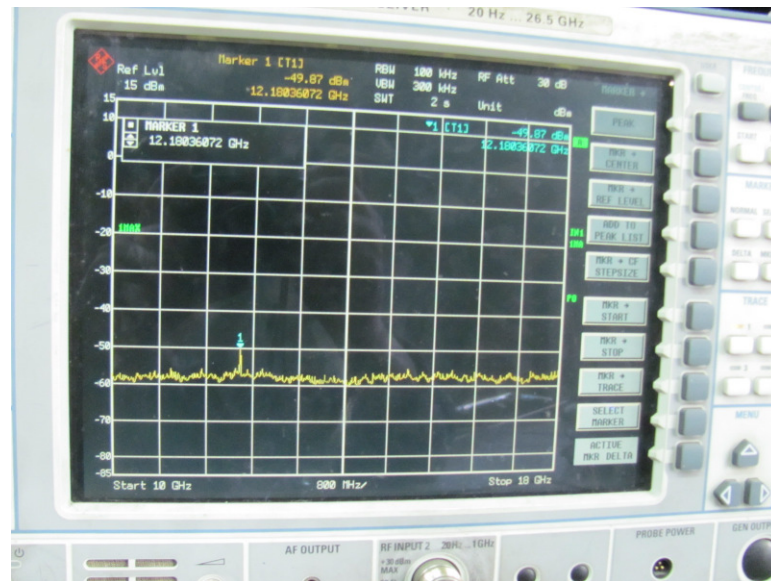
### Spurious Emission 1GHz ~ 2.5GHz - Frequency M



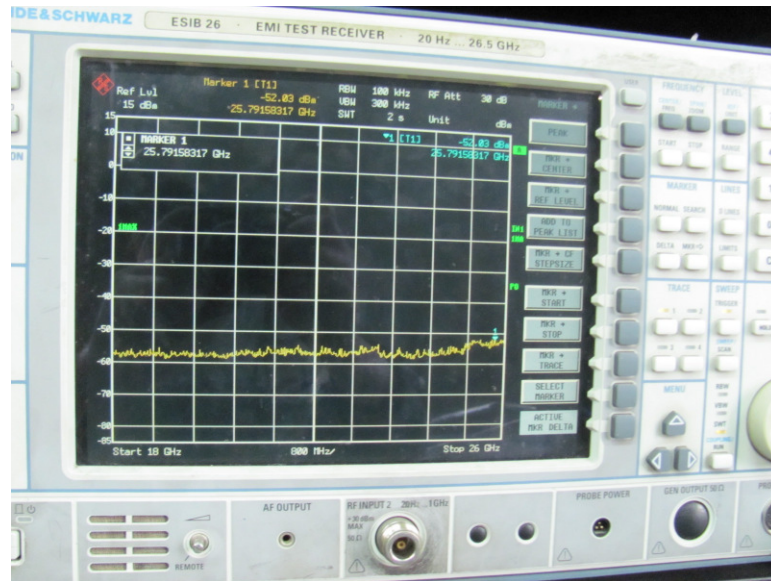
Spurious Emission 2.5GHz ~ 10GHz - Frequency M



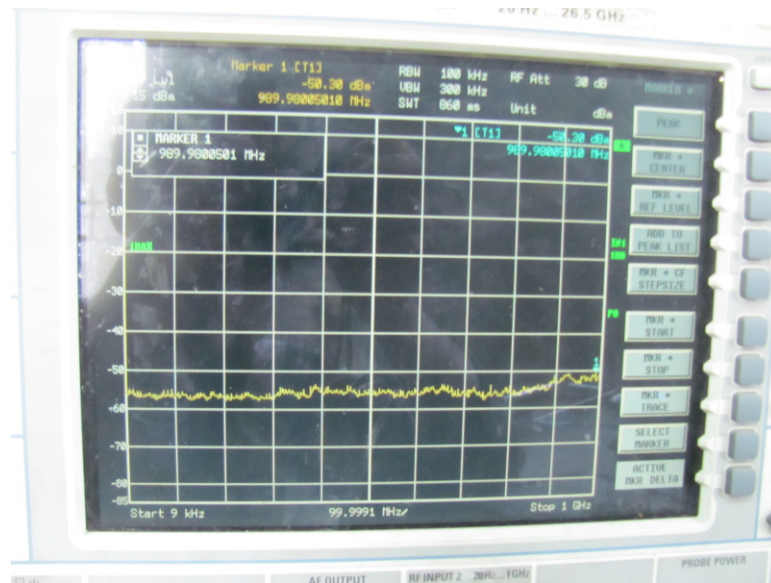
Spurious Emission 10GHz ~ 18GHz - Frequency M



### Spurious Emission 18GHz ~ 26GHz - Frequency M



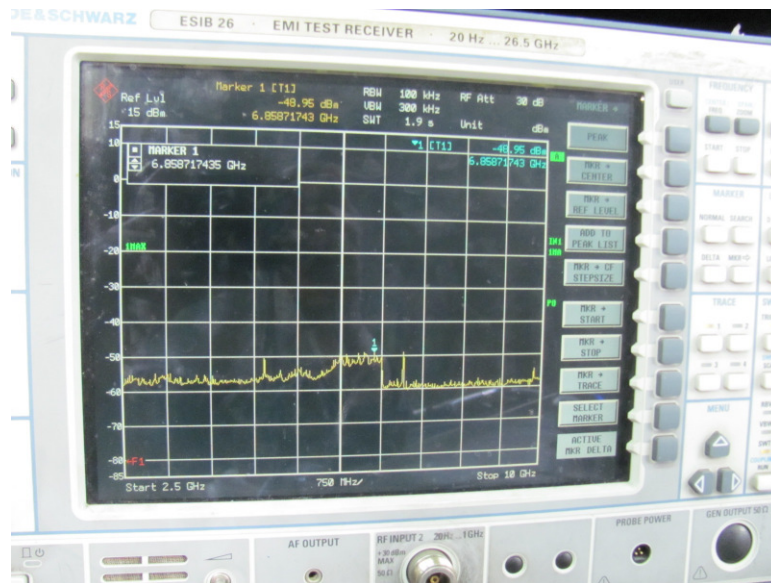
### Spurious Emission 9k Hz ~ 1GHz - Frequency H



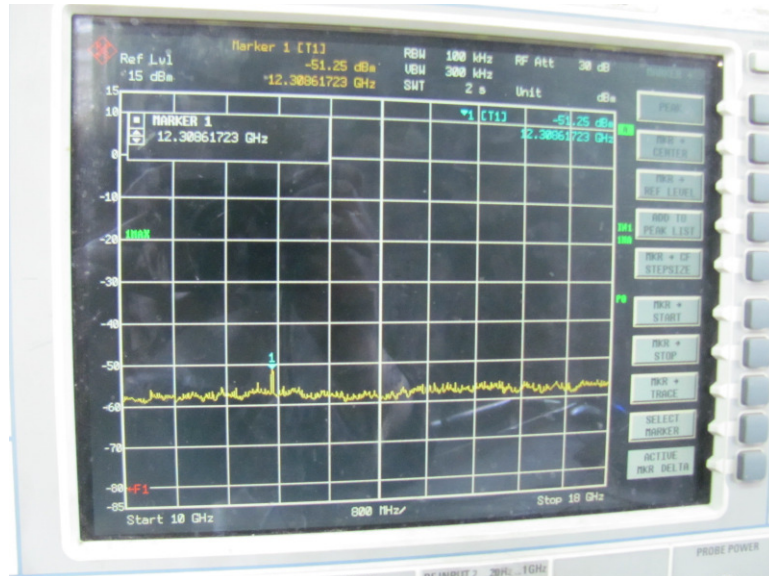
### Spurious Emission 1GHz ~ 2.5GHz - Frequency H



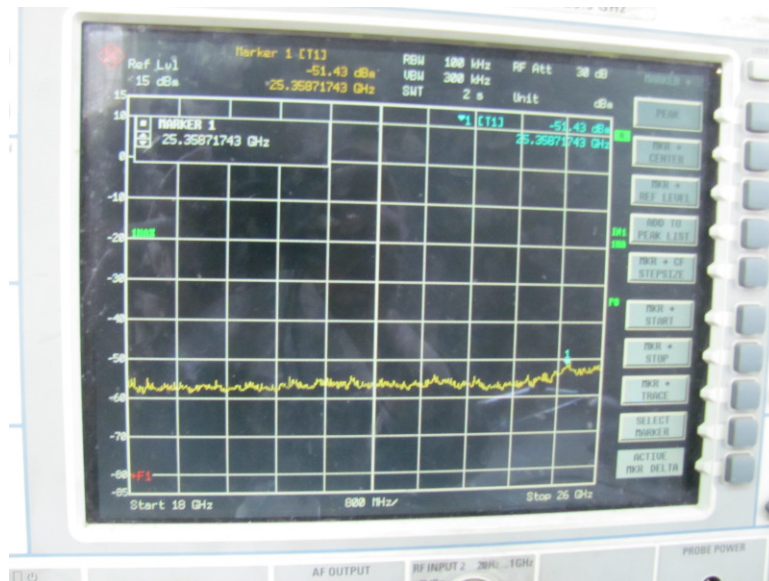
### Spurious Emission 2.5GHz ~ 10GHz - Frequency H



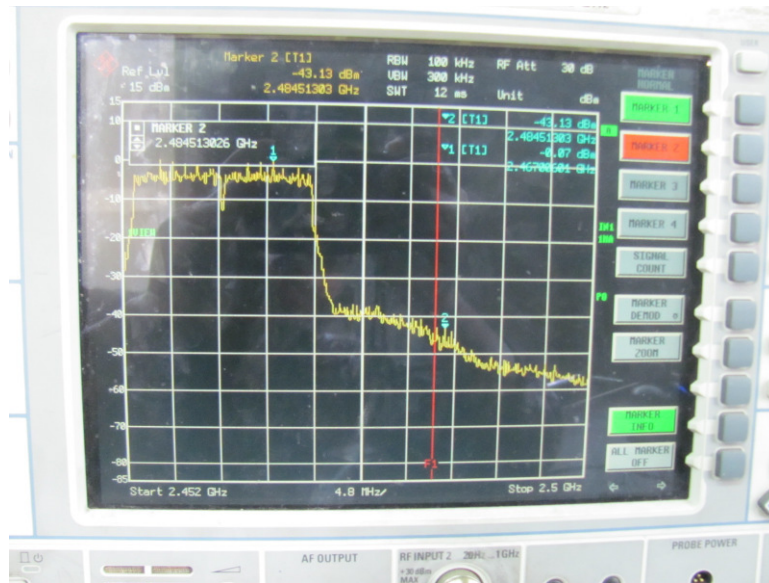
Spurious Emission 10GHz ~ 18GHz - Frequency H



Spurious Emission 18GHz ~ 26GHz - Frequency H



# High Band Edge - Frequency H



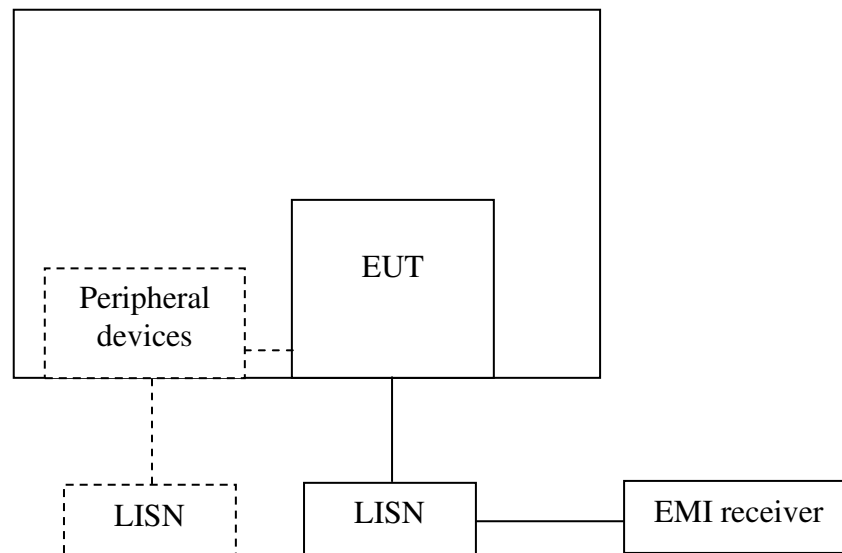
## 8. Power line conducted emission

**Test result:**      **Pass**

### 8.1 Limit

| Frequency of Emission (MHz)                      | Conducted Limit (dBuV) |            |
|--------------------------------------------------|------------------------|------------|
|                                                  | QP                     | AV         |
| 0.15-0.5                                         | 66 to 56*              | 56 to 46 * |
| 0.5-5                                            | 56                     | 46         |
| 5-30                                             | 60                     | 50         |
| * Decreases with the logarithm of the frequency. |                        |            |

### 8.2 Test configuration



☒ For table top equipment, wooden support is 0.8m height table

☐ For floor standing equipment, wooden support is 0.1m height rack.

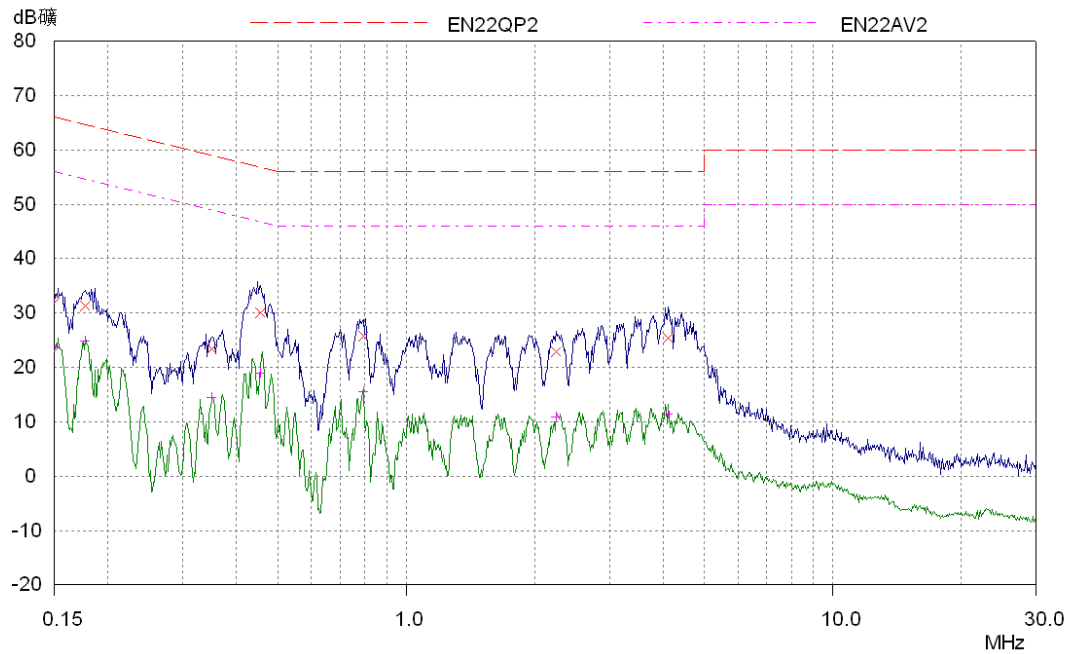
### 8.3 Test procedure and test set up

The EUT are connected to the main power through a line impedance stabilization network (LISN). This provides a  $50\Omega/50\mu\text{H}$  coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a  $50\Omega/50\mu\text{H}$  coupling impedance with  $50\Omega$  termination.

Both sides (Line and Neutral) of AC line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4 on conducted measurement. The bandwidth of the test receiver is set at 9 kHz.

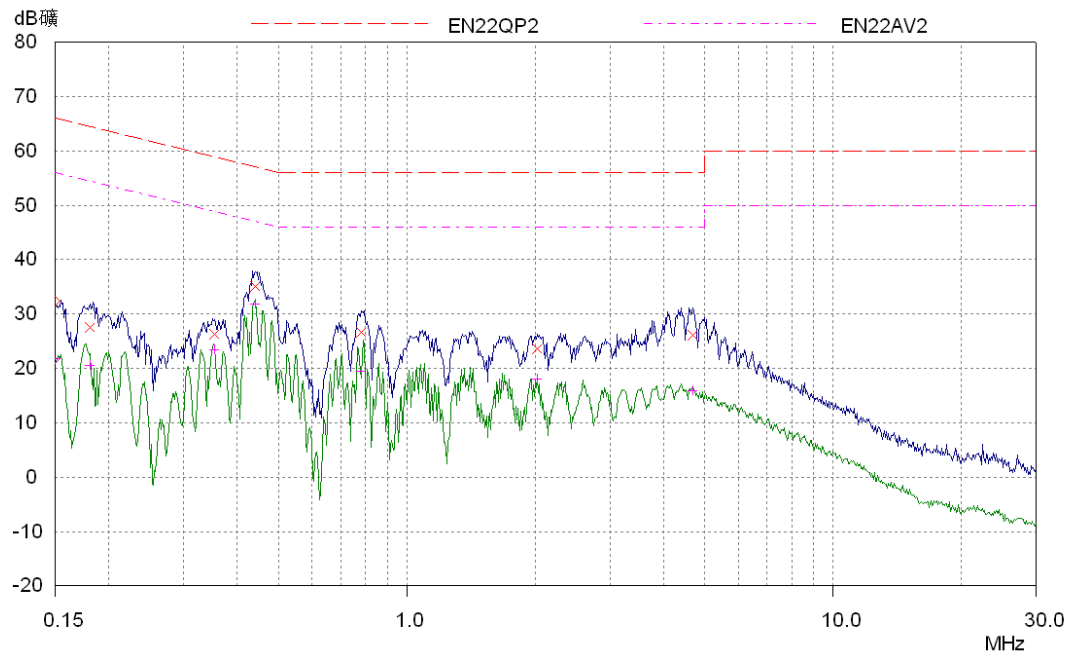
## 8.4 Test protocol

L Line:



| Frequency (MHz) | Measure Level (dBuV) | Limit (dBuV) | Margin (dB) | Type |
|-----------------|----------------------|--------------|-------------|------|
| 0.18            | 31.21                | 64.61        | 33.40       | QP   |
| 0.35            | 23.35                | 58.94        | 35.59       | QP   |
| 0.46            | 30.02                | 56.78        | 26.76       | QP   |
| 0.79            | 25.67                | 56.00        | 30.33       | QP   |
| 2.25            | 22.84                | 56.00        | 33.16       | QP   |
| 4.11            | 25.41                | 56.00        | 30.59       | QP   |
| 0.18            | 24.83                | 54.61        | 29.78       | AV   |
| 0.35            | 14.54                | 48.94        | 34.40       | AV   |
| 0.46            | 19.01                | 46.78        | 27.77       | AV   |
| 0.79            | 15.56                | 46.00        | 30.44       | AV   |
| 2.25            | 10.88                | 46.00        | 35.12       | AV   |
| 4.11            | 11.32                | 46.00        | 34.68       | AV   |

N line:



| Frequency (MHz) | Measure Level (dBuV) | Limit (dBuV) | Margin (dB) | Type |
|-----------------|----------------------|--------------|-------------|------|
| 0.18            | 27.59                | 64.44        | 36.85       | QP   |
| 0.35            | 26.26                | 58.87        | 32.61       | QP   |
| 0.44            | 35.12                | 57.05        | 21.93       | QP   |
| 0.78            | 26.59                | 56.00        | 29.41       | QP   |
| 2.03            | 23.52                | 56.00        | 32.48       | QP   |
| 4.68            | 26.06                | 56.00        | 29.94       | QP   |
| 0.18            | 20.57                | 54.44        | 33.87       | AV   |
| 0.35            | 23.46                | 48.87        | 25.41       | AV   |
| 0.44            | 31.76                | 47.05        | 15.29       | AV   |
| 0.78            | 19.42                | 46.00        | 26.58       | AV   |
| 2.03            | 17.97                | 46.00        | 28.03       | AV   |
| 4.68            | 15.88                | 46.00        | 30.12       | AV   |