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### 7.7. Band-edge Compliance Measurement

### 7.7.1.Test Limit

The maximum permissible emission level is 20 dBc . Any emissions were lying outside of the emission bandwidth and in authorized band edges to a field strength limit specified in Section 15.209 of the Title 47 CFR.
7.7.2.Test Procedure Used

ANSI C63.10-2013 - Section 6.10.4

### 7.7.3.Test Setting

1. Span = wide enough to capture the peak level of the emission operating on the channel closest to the band edge, as well as any modulation products which fall outside of the authorized band of operation.
2. $\mathrm{RBW}=100 \mathrm{kHz}$
3. $\mathrm{VBW}=300 \mathrm{kHz}$
4. $\quad$ Detector $=$ peak
5. Sweep time = auto couple
6. Trace mode $=\max$ hold
7. Trace was allowed to stabilize
8. Allow the trace to stabilize. Set the marker on the emission at the band edge, or on the highest modulation product outside of the band, if this level is greater than that at the band edge. Enable the marker-delta function, than use the marker-to-peak function to move the marker to the peak of the in-band emission.

### 7.7.4.Test Setup



### 7.7.5.Test Result

| Test Mode | Antenna | Ch Name | Channel | Ref Level [dBm] | Result <br> [dBm] | Limit [dBm] | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DH5 | Ant1 | Low | 2402 | 4.99 | -46.44 | <=-15.01 | PASS |
|  |  | High | 2480 | 7.16 | -43.55 | <=-12.84 | PASS |
|  |  | Low | Hop_2402 | 3.74 | -49.49 | -16.26 | PASS |
|  |  | High | Hop_2480 | 6.00 | -47.96 | -14 | PASS |
| 2DH5 | Ant1 | Low | 2402 | 5.13 | -45.88 | <=-14.87 | PASS |
|  |  | High | 2480 | 6.75 | -45.27 | <=-13.25 | PASS |
|  |  | Low | Hop_2402 | 2.91 | -48.98 | -17.09 | PASS |
|  |  | High | Hop_2480 | 3.94 | -49.03 | -16.06 | PASS |
| 3DH5 | Ant1 | Low | 2402 | 4.65 | -46.62 | <=-15.35 | PASS |
|  |  | High | 2480 | 6.35 | -44.13 | <=-13.65 | PASS |
|  |  | Low | Hop_2402 | 0.07 | -49.48 | -19.93 | PASS |
|  |  | High | Hop_2480 | 3.54 | -48.44 | -16.47 | PASS |

DH5_Ant1_Low_2402


## DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402


DH5_Ant1_High_Hop_2480


2DH5_Ant1_Low_2402


## 2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402


```
2DH5_Ant1_High_Hop_2480
```



3DH5_Ant1_Low_2402


## 3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402


3DH5_Ant1_High_Hop_2480


### 7.8. Conducted Spurious Emissions Measurement

### 7.8.1.Test Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB .

### 7.8.2.Test Procedure Used

ANSI C63.10-2013 - Section 7.8.8

### 7.8.3.Test Setting

1. Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic. Typically, several plots are required to cover this entire span.
2. $\mathrm{RBW}=100 \mathrm{KHz}$
3. VBW $\geq$ RBW
4. Detector $=$ peak
5. Sweep time = auto couple
6. Trace mode $=\max$ hold
7. Trace was allowed to stabilize
8. Set the marker on the peak of any spurious emission recorded. The level displayed must comply with the limit specified in this section.

### 7.8.4.Test Setup



### 7.8.5.Test Result

| Test Mode | Antenna | Channel | Freq Range [MHz] | Ref Level [dBm] | Result <br> [dBm] | Limit [dBm] | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DH5 | Ant1 | 2402 | Reference | 5.15 | 5.15 | --- | PASS |
|  |  |  | 30~1000 | 30~1000 | -46.125 | <=-14.848 | PASS |
|  |  |  | 1000~26500 | 1000~26500 | -40.06 | <=-14.848 | PASS |
|  |  | 2441 | Reference | 5.18 | 5.18 | --- | PASS |
|  |  |  | 30~1000 | 30~1000 | -46.19 | <=-14.824 | PASS |
|  |  |  | 1000~26500 | 1000~26500 | -40.971 | <=-14.824 | PASS |
|  |  | 2480 | Reference | 6.54 | 6.54 | --- | PASS |
|  |  |  | 30~1000 | 30~1000 | -45.574 | <=-13.465 | PASS |
|  |  |  | 1000~26500 | 1000~26500 | -43.685 | <=-13.465 | PASS |
| 2DH5 | Ant1 | 2402 | Reference | 4.97 | 4.97 | --- | PASS |
|  |  |  | 30~1000 | 30~1000 | -47.29 | <=-15.029 | PASS |
|  |  |  | 1000~26500 | 1000~26500 | -39.741 | <=-15.029 | PASS |
|  |  | 2441 | Reference | 5.48 | 5.48 | --- | PASS |
|  |  |  | 30~1000 | 30~1000 | -49.545 | <--14.516 | PASS |
|  |  |  | 1000~26500 | 1000~26500 | -40.999 | <=-14.516 | PASS |
|  |  | 2480 | Reference | 7.19 | 7.19 | --- | PASS |
|  |  |  | 30~1000 | 30~1000 | -47.461 | <=-12.813 | PASS |
|  |  |  | 1000~26500 | 1000~26500 | -43.94 | <=-12.813 | PASS |
| 3DH5 | Ant1 | 2402 | Reference | 4.28 | 4.28 | --- | PASS |
|  |  |  | 30~1000 | 30~1000 | -51.124 | <--15.719 | PASS |
|  |  |  | 1000~26500 | 1000~26500 | -40.213 | <=-15.719 | PASS |
|  |  | 2441 | Reference | 5.49 | 5.49 | --- | PASS |
|  |  |  | 30~1000 | 30~1000 | -47.828 | <=-14.508 | PASS |
|  |  |  | 1000~26500 | 1000~26500 | -41.076 | <--14.508 | PASS |
|  |  | 2480 | Reference | 5.99 | 5.99 | --- | PASS |
|  |  |  | 30~1000 | 30~1000 | -47.923 | <--14.007 | PASS |
|  |  |  | 1000~26500 | 1000~26500 | -43.907 | <=-14.007 | PASS |

## DH5_Ant1_2402_0~Reference



DH5_Ant1_2402_30~1000


## DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference


DH5_Ant1_2441_30~1000


DH5_Ant1_2441_1000~26500


## DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000


```
DH5_Ant1_2480_1000~26500
```



2DH5_Ant1_2402_0~Reference



```
2DH5_Ant1_2441_0~Reference
```



2DH5_Ant1_2441_30~1000


## 2DH5_Ant1_2441_1000~26500



2DH5_Ant1_2480_0~Reference



## 3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000


## 3DH5_Ant1_2402_1000~26500



3DH5_Ant1_2441_0~Reference


## 3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500


## 3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000


3DH5_Ant1_2480_1000~26500


### 7.9. Radiated Spurious Emission Measurement

### 7.9.1.Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47
CFR must not exceed the limits shown in Table per Section 15.209.

| FCC Part 15 Subpart C Paragraph 15.209 |  |  |
| :---: | :---: | :---: |
| Frequency <br> $[\mathrm{MHz}]$ | Field Strength <br> $[\mathrm{uV} / \mathrm{m}]$ | Measured Distance <br> [Meters] |
| $0.009-0.490$ | $2400 / \mathrm{F}(\mathrm{kHz})$ | 300 |
| $0.490-1.705$ | $24000 / \mathrm{F} \mathrm{(kHz)}$ | 30 |
| $1.705-30$ | 30 | 30 |
| $30-88$ | 100 | 3 |
| $88-216$ | 150 | 3 |
| $216-960$ | 200 | 3 |
| Above 960 | 500 |  |

### 7.9.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)
ANSI C63.10 Section 6.4 (Standard test method below 30MHz)
ANSI C63.10 Section 6.5 (Standard test method above 30 MHz to 1 GHz )
ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

### 7.9.3.Test Setting

## Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1 MHz
3. RBW = as specified in Table 1
4. Detector $=$ CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

| Frequency | RBW |
| :---: | :---: |
| $9 \sim 150 \mathrm{kHz}$ | $200 \sim 300 \mathrm{~Hz}$ |
| $0.15 \sim 30 \mathrm{MHz}$ | $9 \sim 10 \mathrm{kHz}$ |
| $30 \sim 1000 \mathrm{MHz}$ | $100 \sim 120 \mathrm{kHz}$ |
| $>1000 \mathrm{MHz}$ | 1 MHz |

## Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. $\mathrm{RBW}=1 \mathrm{MHz}$
3. $\mathrm{VBW}=3 \mathrm{MHz}$
4. Detector $=$ peak
5. Sweep time = auto couple
6. Trace mode $=\max$ hold
7. Trace was allowed to stabilize

## Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. $\mathrm{RBW}=1 \mathrm{MHz}$
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98 \%$, set VBW $=10 \mathrm{~Hz}$.

If the EUT duty cycle is $<98 \%$, set VBW $\geq 1 / \mathrm{T}$. T is the minimum transmission duration.
4. Detector $=$ Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

### 7.9.4.Test Setup

$\underline{9 k H z} \sim 30 \mathrm{MHz}$ Test Setup:

$\underline{30 M H z ~ ~ ~ 1 G H z ~ T e s t ~ S e t u p: ~}$

$\underline{1 \mathrm{GHz} \sim 25 \mathrm{GHz} \text { Test Setup: }}$


### 7.9.5.Test Result

| Test Mode: | DH5 - Ant 1 | Test Date: | $2020-06-18$ |
| :--- | :--- | :--- | :--- |
| Test Channel: | 00 | Test Engineer: | Line Chen |
| Remark: | 1. Average measurement was not performed if peak level lower than average limit. <br> 2. Other frequency was 20dB below limit line within $1-18 \mathrm{GHz}$, there is not show in the <br> report. |  |  |


| Mark | Frequency <br> $(\mathrm{MHz})$ | Level <br> $(\mathrm{dB} \mu \mathrm{V})$ | Factor <br> $(\mathrm{dB})$ | Limit <br> $(\mathrm{dB} \mu \mathrm{V} / \mathrm{m})$ | Margin <br> $(\mathrm{dB})$ | Detector | Polarization |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4650.0000 | 43.25 | 7.15 | 74.00 | 30.75 | Peak | Horizontal |
|  | 4875.0000 | 43.76 | 7.82 | 74.00 | 30.24 | Peak | Horizontal |
| $*$ | 6360.0000 | 48.11 | 12.75 | 77.42 | 29.31 | Peak | Horizontal |
| $*$ | 6615.0000 | 47.13 | 13.03 | 77.42 | 30.29 | Peak | Horizontal |
|  | 4575.0000 | 42.72 | 7.15 | 74.00 | 31.28 | Peak | Vertical |
|  | 4830.0000 | 43.70 | 7.64 | 74.00 | 30.30 | Peak | Vertical |
| $*$ | 6300.0000 | 46.85 | 12.53 | 77.42 | 30.57 | Peak | Vertical |
| $*$ | 6787.5000 | 46.67 | 13.03 | 77.42 | 30.75 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level ( $97.42 \mathrm{~dB} \mu \mathrm{~V} / \mathrm{m}$ ) or 15.209 which is higher.

| Test Mode: | DH5 - Ant 1 | Test Date: | $2020-06-18$ |
| :--- | :--- | :--- | :--- |
| Test Channel: | 39 | Test Engineer: | Line Chen |
| Remark: | 3. Average measurement was not performed if peak level lower than average limit. <br> 4. Other frequency was 20 dB below limit line within $1-18 \mathrm{GHz}$, there is not show in the <br> report. |  |  |


| Mark | Frequency <br> $(\mathrm{MHz})$ | Level <br> $(\mathrm{dB} \mu \mathrm{V})$ | Factor <br> $(\mathrm{dB})$ | Limit <br> $(\mathrm{dB} \mu \mathrm{V} / \mathrm{m})$ | Margin <br> $(\mathrm{dB})$ | Detector | Polarization |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4567.5000 | 42.93 | 7.17 | 74.00 | 31.07 | Peak | Horizontal |
|  | 4837.5000 | 43.61 | 7.65 | 74.00 | 30.39 | Peak | Horizontal |
| $*$ | 6292.5000 | 47.72 | 12.49 | 80.41 | 32.69 | Peak | Horizontal |
| $*$ | 6457.5000 | 46.85 | 12.62 | 80.41 | 33.56 | Peak | Horizontal |
|  | 4695.0000 | 43.44 | 7.30 | 74.00 | 30.56 | Peak | Vertical |
|  | 4897.5000 | 45.10 | 7.95 | 74.00 | 28.90 | Peak | Vertical |
| $*$ | 6150.0000 | 47.45 | 12.24 | 80.41 | 32.96 | Peak | Vertical |
| $*$ | 6847.5000 | 47.62 | 13.44 | 80.41 | 32.79 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is 20 dBc of the fundamental emission level ( $100.41 \mathrm{~dB} \mu \mathrm{~V} / \mathrm{m}$ ) or 15.209 which is higher.

| Test Mode: | DH5-Ant 1 | Test Date: | 2020-06-18 |
| :--- | :--- | :--- | :--- |
| Test Channel: | 78 | Test Engineer: | Line Chen |
| Remark: | 5. Average measurement was not performed if peak level lower than average limit. <br> 6. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the <br> report. |  |  |


| Mark | Frequency <br> $(\mathrm{MHz})$ | Level <br> $(\mathrm{dB} \mu \mathrm{V})$ | Factor <br> $(\mathrm{dB})$ | Limit <br> $(\mathrm{dB} \mu \mathrm{V} / \mathrm{m})$ | Margin <br> $(\mathrm{dB})$ | Detector | Polarization |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4620.0000 | 42.97 | 7.10 | 74.00 | 31.03 | Peak | Horizontal |
|  | 4807.5000 | 43.23 | 7.62 | 74.00 | 30.77 | Peak | Horizontal |
| $*$ | 6315.0000 | 47.23 | 12.59 | 82.60 | 35.37 | Peak | Horizontal |
| $*$ | 6855.0000 | 47.43 | 13.47 | 82.60 | 35.17 | Peak | Horizontal |
|  | 4597.5000 | 43.49 | 7.08 | 74.00 | 30.51 | Peak | Vertical |
|  | 4942.5000 | 44.52 | 8.01 | 74.00 | 29.48 | Peak | Vertical |
| $*$ | 6307.5000 | 47.03 | 12.56 | 82.60 | 35.57 | Peak | Vertical |
| $*$ | 6630.0000 | 47.57 | 13.06 | 82.60 | 35.03 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is 20 dBc of the fundamental emission level ( $102.60 \mathrm{~dB} \mu \mathrm{~V} / \mathrm{m}$ ) or 15.209 which is higher.

| Test Mode: | 2 DH5 - Ant 1 | Test Date: | $2020-06-18$ |
| :--- | :--- | :--- | :--- |
| Test Channel: | 00 | Test Engineer: | Line Chen |
| Remark: | 7. Average measurement was not performed if peak level lower than average limit. <br> $8 . \quad$ Other frequency was 20 dB below limit line within $1-18 \mathrm{GHz}$, there is not show in the <br> report. |  |  |


| Mark | Frequency <br> $(\mathrm{MHz})$ | Level <br> $(\mathrm{dB} \mu \mathrm{V})$ | Factor <br> $(\mathrm{dB})$ | Limit <br> $(\mathrm{dB} \mu \mathrm{V} / \mathrm{m})$ | Margin <br> $(\mathrm{dB})$ | Detector | Polarization |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4650.0000 | 43.25 | 7.15 | 74.00 | 30.75 | Peak | Horizontal |
|  | 4875.0000 | 43.76 | 7.82 | 74.00 | 30.24 | Peak | Horizontal |
| $*$ | 6045.0000 | 46.68 | 11.88 | 78.69 | 32.01 | Peak | Horizontal |
| $*$ | 6360.0000 | 48.11 | 12.75 | 78.69 | 30.58 | Peak | Horizontal |
|  | 4575.0000 | 42.72 | 7.15 | 74.00 | 31.28 | Peak | Vertical |
|  | 4792.5000 | 43.08 | 7.58 | 74.00 | 30.92 | Peak | Vertical |
| $*$ | 6015.0000 | 47.09 | 11.78 | 78.69 | 31.60 | Peak | Vertical |
| $*$ | 6480.0000 | 47.83 | 12.66 | 78.69 | 30.86 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is 20 dBc of the fundamental emission level ( $98.69 \mathrm{~dB} \mu \mathrm{~V} / \mathrm{m}$ ) or 15.209 which is higher.

| Test Mode: | 2 DH5 - Ant 1 | Test Date: | $2020-06-18$ |
| :--- | :--- | :--- | :--- |
| Test Channel: | 39 | Test Engineer: | Line Chen |
| Remark: | 9. Average measurement was not performed if peak level lower than average limit. <br> 10. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the <br> report. |  |  |


| Mark | Frequency <br> $(\mathrm{MHz})$ | Level <br> $(\mathrm{dB} \mu \mathrm{V})$ | Factor <br> $(\mathrm{dB})$ | Limit <br> $(\mathrm{dB} \mu \mathrm{V} / \mathrm{m})$ | Margin <br> $(\mathrm{dB})$ | Detector | Polarization |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4537.5000 | 43.54 | 7.17 | 74.00 | 30.46 | Peak | Horizontal |
|  | 4837.5000 | 43.61 | 7.65 | 74.00 | 30.39 | Peak | Horizontal |
| $*$ | 6292.5000 | 47.72 | 12.49 | 81.36 | 33.64 | Peak | Horizontal |
| $*$ | 6457.5000 | 46.85 | 12.62 | 81.36 | 34.51 | Peak | Horizontal |
|  | 4560.0000 | 42.67 | 7.19 | 74.00 | 31.33 | Peak | Vertical |
|  | 4897.5000 | 45.10 | 7.95 | 74.00 | 28.90 | Peak | Vertical |
| $*$ | 6150.0000 | 47.45 | 12.24 | 81.36 | 33.91 | Peak | Vertical |
| $*$ | 6420.0000 | 46.81 | 12.76 | 81.36 | 34.55 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is 20 dBc of the fundamental emission level ( $101.36 \mathrm{~dB} \mu \mathrm{~V} / \mathrm{m}$ ) or 15.209 which is higher.

| Test Mode: | 2 DH5 - Ant 1 | Test Date: | $2020-06-18$ |
| :--- | :--- | :--- | :--- |
| Test Channel: | 78 | Test Engineer: | Line Chen |
| Remark: | 11. Average measurement was not performed if peak level lower than average limit. <br> 12. Other frequency was 20 dB below limit line within $1-18 \mathrm{GHz}$, there is not show in the <br> report. |  |  |


| Mark | Frequency <br> $(\mathrm{MHz})$ | Level <br> $(\mathrm{dB} \mu \mathrm{V})$ | Factor <br> $(\mathrm{dB})$ | Limit <br> $(\mathrm{dB} \mu \mathrm{V} / \mathrm{m})$ | Margin <br> $(\mathrm{dB})$ | Detector | Polarization |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4620.0000 | 42.97 | 7.10 | 74.00 | 31.03 | Peak | Horizontal |
|  | 4807.5000 | 43.23 | 7.62 | 74.00 | 30.77 | Peak | Horizontal |
| $*$ | 6000.0000 | 47.40 | 11.73 | 83.69 | 36.29 | Peak | Horizontal |
| $*$ | 6315.0000 | 47.23 | 12.59 | 83.69 | 36.46 | Peak | Horizontal |
|  | 4507.5000 | 42.97 | 7.06 | 74.00 | 31.03 | Peak | Vertical |
|  | 4942.5000 | 44.52 | 8.01 | 74.00 | 29.48 | Peak | Vertical |
| $*$ | 6307.5000 | 47.03 | 12.56 | 83.69 | 36.66 | Peak | Vertical |
| $*$ | 6630.0000 | 47.57 | 13.06 | 83.69 | 36.12 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is 20 dBc of the fundamental emission level ( $103.69 \mathrm{~dB} \mu \mathrm{~V} / \mathrm{m}$ ) or 15.209 which is higher.

| Test Mode: | 3DH5 - Ant 1 | Test Date: | 2020-06-18 |
| :--- | :--- | :--- | :--- |
| Test Channel: | 00 | Test Engineer: | Line Chen |
| Remark: | 13. Average measurement was not performed if peak level lower than average limit. <br> 14. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the <br> report. |  |  |


| Mark | Frequency <br> $(\mathrm{MHz})$ | Level <br> $(\mathrm{dB} \mu \mathrm{V})$ | Factor <br> $(\mathrm{dB})$ | Limit <br> $(\mathrm{dB} \mu \mathrm{V} / \mathrm{m})$ | Margin <br> $(\mathrm{dB})$ | Detector | Polarization |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4650.0000 | 43.25 | 7.15 | 74.00 | 30.75 | Peak | Horizontal |
|  | 4792.5000 | 43.68 | 7.58 | 74.00 | 30.32 | Peak | Horizontal |
| $*$ | 6360.0000 | 48.11 | 12.75 | 78.78 | 30.67 | Peak | Horizontal |
| $*$ | 6615.0000 | 47.13 | 13.03 | 78.78 | 31.65 | Peak | Horizontal |
|  | 4650.0000 | 43.25 | 7.15 | 74.00 | 30.75 | Peak | Vertical |
|  | 4792.5000 | 43.68 | 7.58 | 74.00 | 30.32 | Peak | Vertical |
| $*$ | 6360.0000 | 48.11 | 12.75 | 78.78 | 30.67 | Peak | Vertical |
| $*$ | 6615.0000 | 47.13 | 13.03 | 78.78 | 31.65 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is 20 dBc of the fundamental emission level ( $98.78 \mathrm{~dB} \mu \mathrm{~V} / \mathrm{m}$ ) or 15.209 which is higher.

| Test Mode: | 3DH5 - Ant 1 | Test Date: | 2020-06-18 |
| :--- | :--- | :--- | :--- |
| Test Channel: | 39 | Test Engineer: | Line Chen |
| Remark: | 15. Average measurement was not performed if peak level lower than average limit. <br> 16. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the <br> report. |  |  |


| Mark | Frequency <br> $(\mathrm{MHz})$ | Level <br> $(\mathrm{dB} \mu \mathrm{V})$ | Factor <br> $(\mathrm{dB})$ | Limit <br> $(\mathrm{dB} \mu \mathrm{V} / \mathrm{m})$ | Margin <br> $(\mathrm{dB})$ | Detector | Polarization |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4567.5000 | 42.93 | 7.17 | 74.00 | 31.07 | Peak | Horizontal |
|  | 4837.5000 | 43.61 | 7.65 | 74.00 | 30.39 | Peak | Horizontal |
| $*$ | 6292.5000 | 47.72 | 12.49 | 82.38 | 34.66 | Peak | Horizontal |
| $*$ | 6457.5000 | 46.85 | 12.62 | 82.38 | 35.53 | Peak | Horizontal |
|  | 4560.0000 | 42.67 | 7.19 | 74.00 | 31.33 | Peak | Vertical |
|  | 4897.5000 | 45.10 | 7.95 | 74.00 | 28.90 | Peak | Vertical |
| $*$ | 6150.0000 | 47.45 | 12.24 | 82.38 | 34.93 | Peak | Vertical |
| $*$ | 6637.5000 | 46.90 | 13.08 | 82.38 | 35.48 | Peak | Vertical |

Note 1: "*" is not in restricted band, its limit is 20 dBc of the fundamental emission level ( $102.38 \mathrm{~dB} \mu \mathrm{~V} / \mathrm{m}$ ) or 15.209 which is higher.

