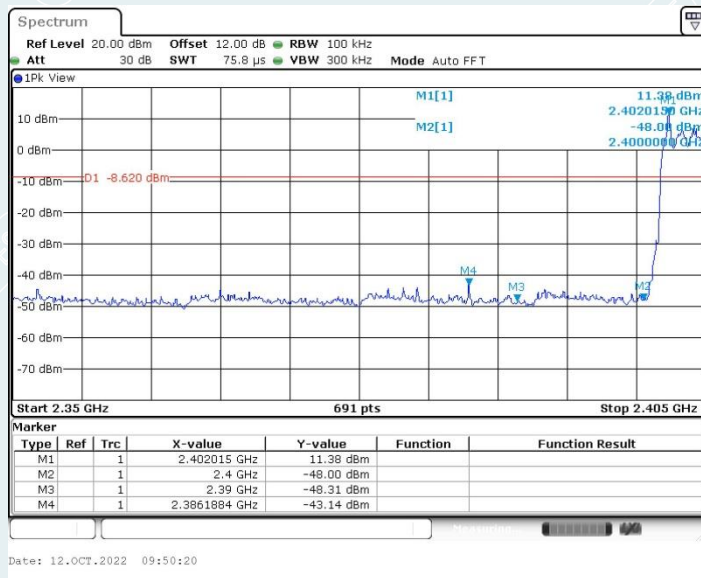
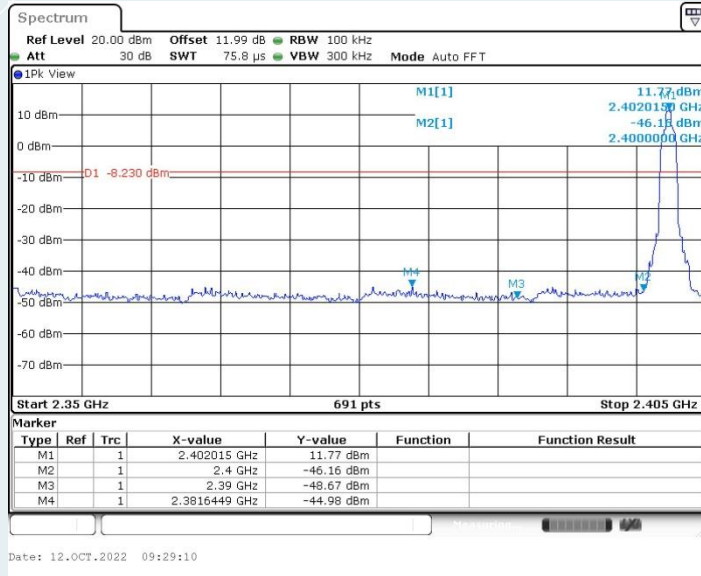
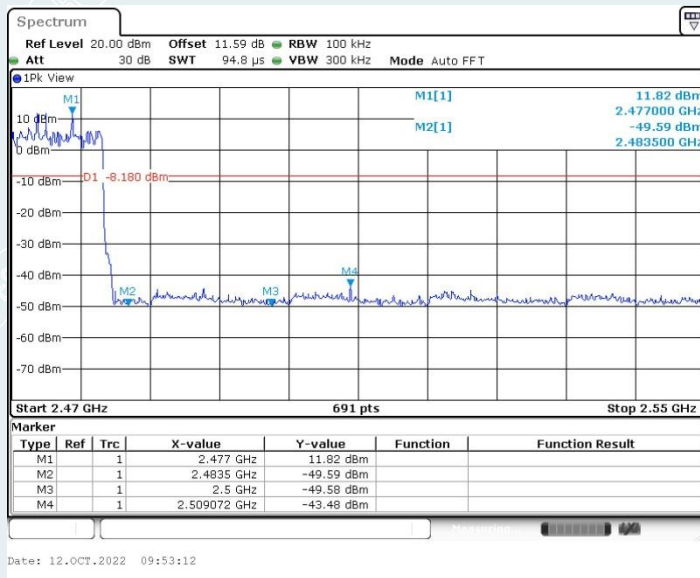
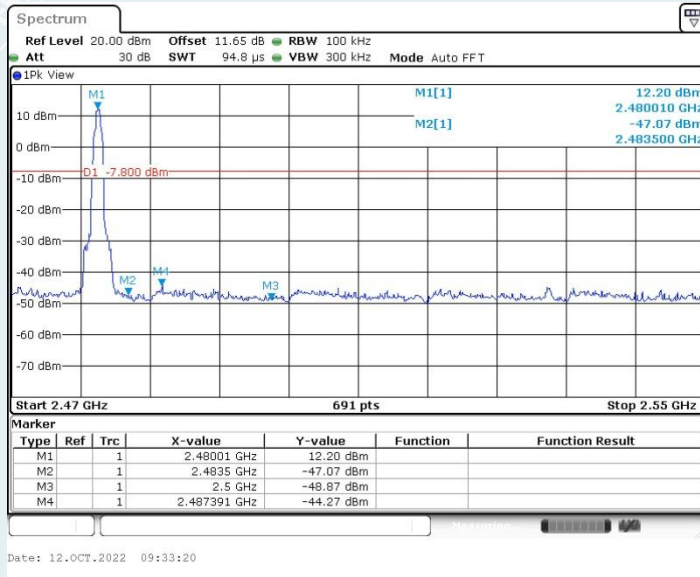


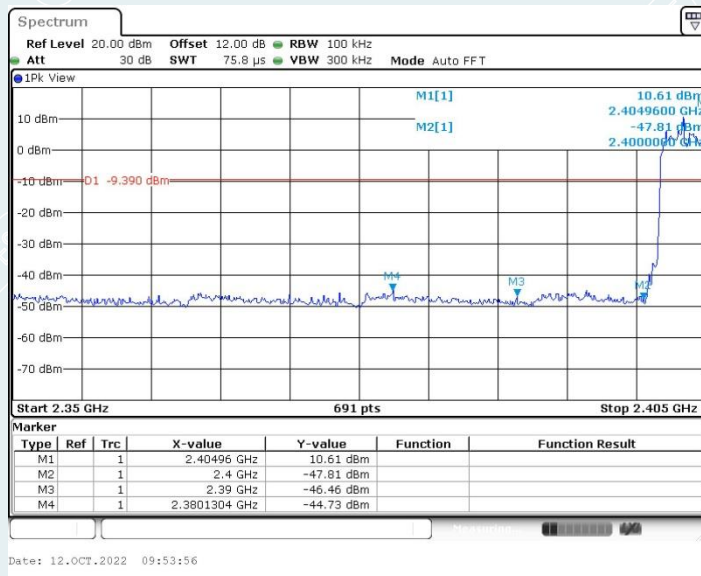
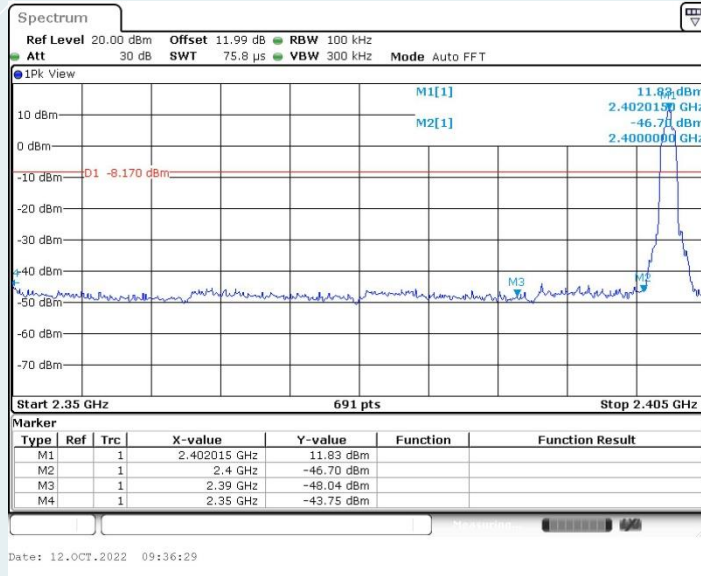
2DH5  
CH Low (2.35GHz ~2.405GHz)



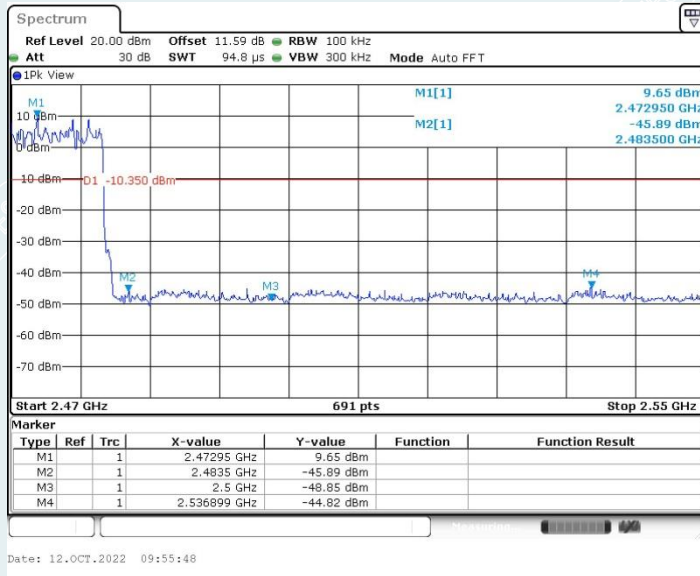
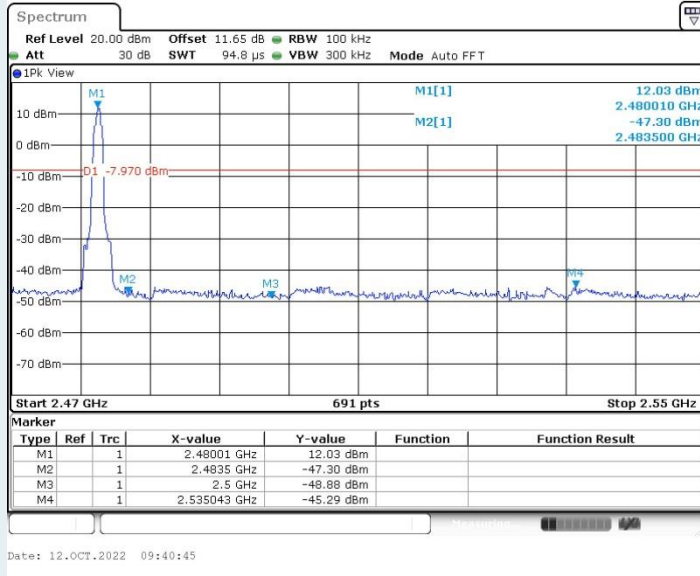
CH High (2.47GHz ~ 2.55GHz)



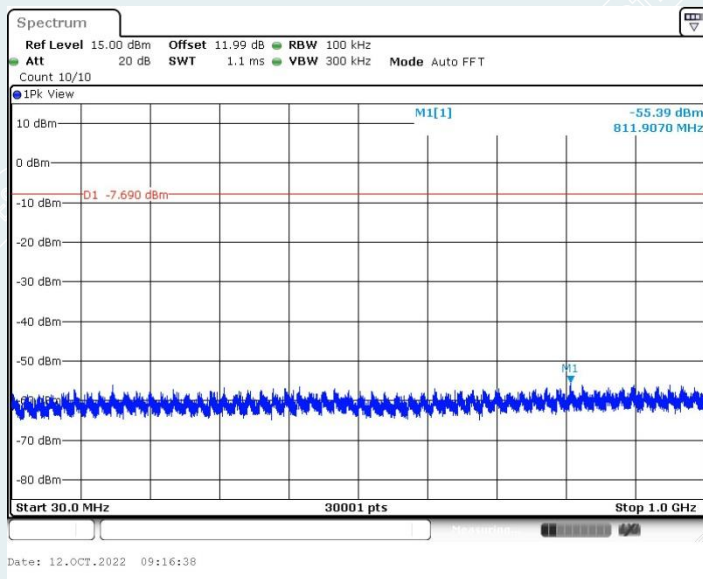
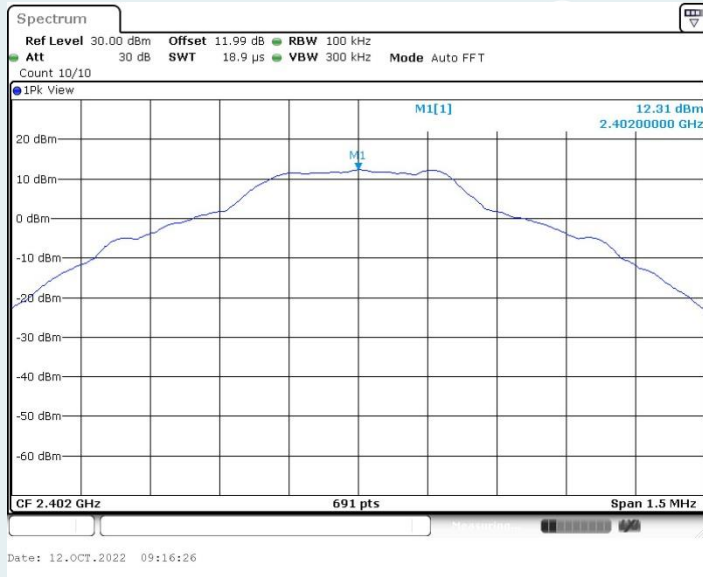
3DH5  
CH Low (2.35GHz ~2.405GHz)

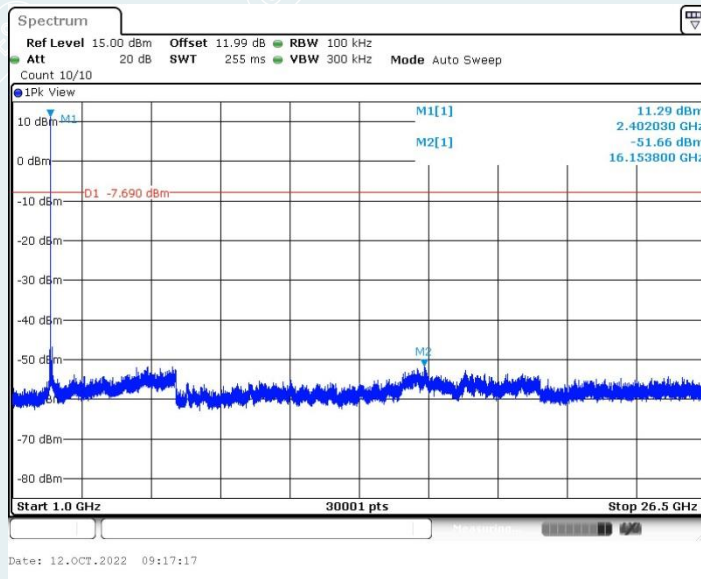


CH High (2.47GHz ~ 2.55GHz)

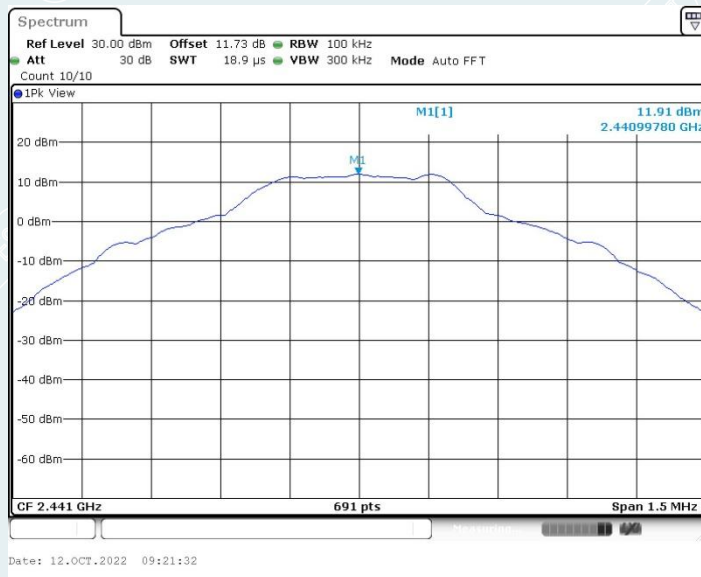


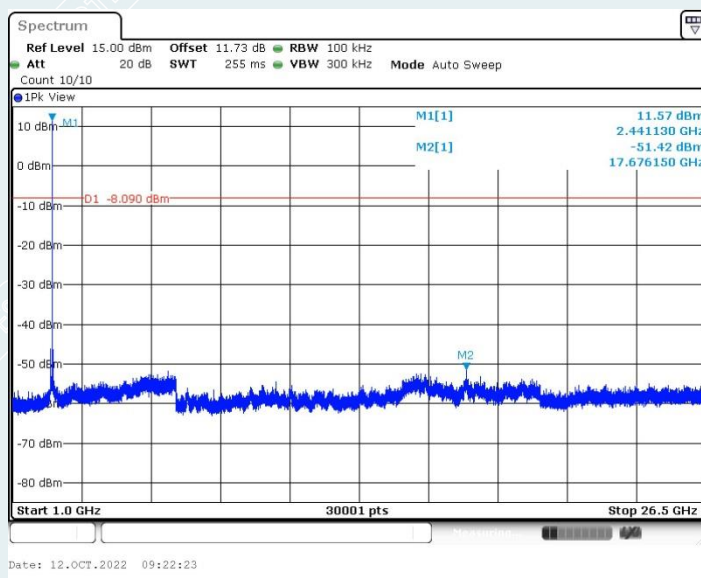
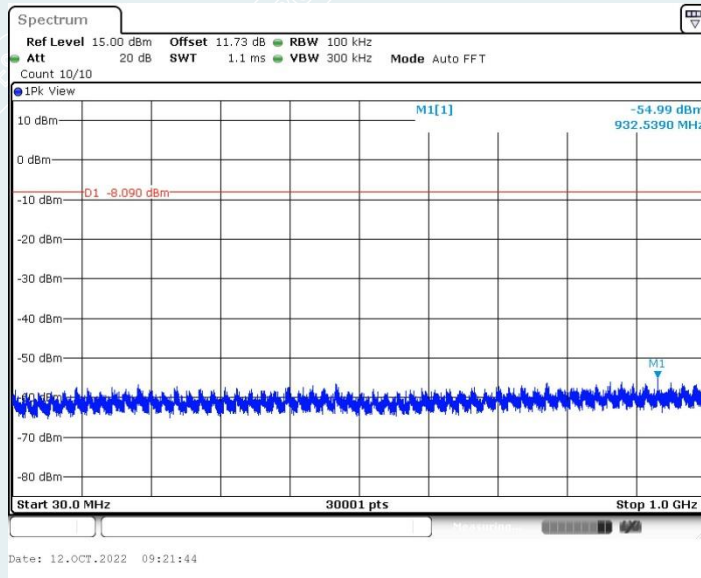
Spurious Emissions  
DH5  
CH Low



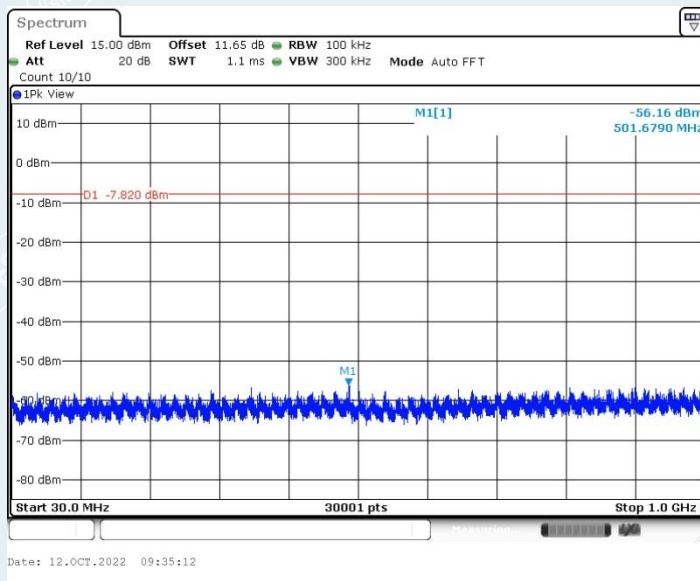
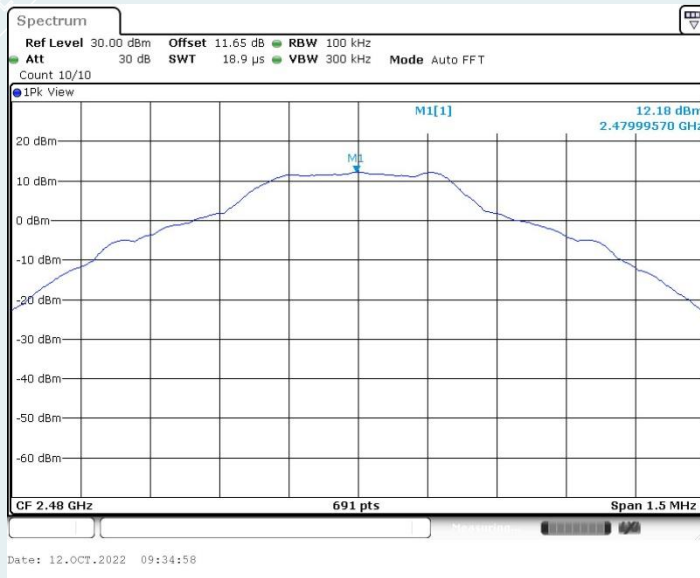


### CH Mid

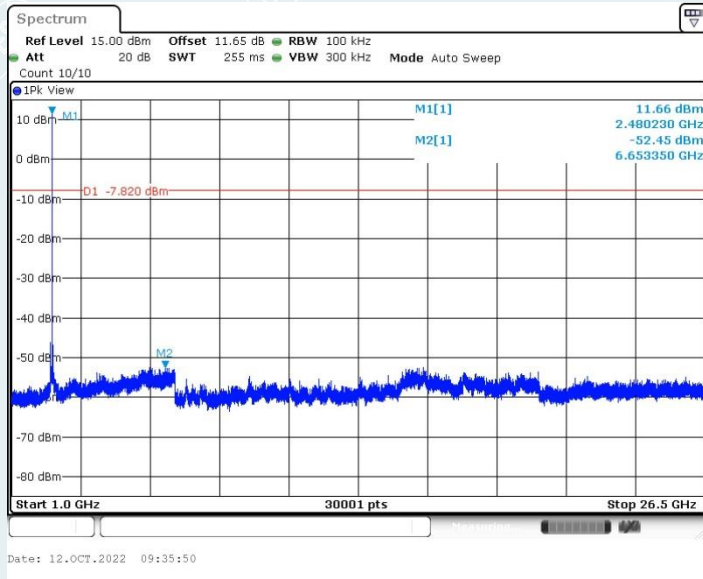




### CH High

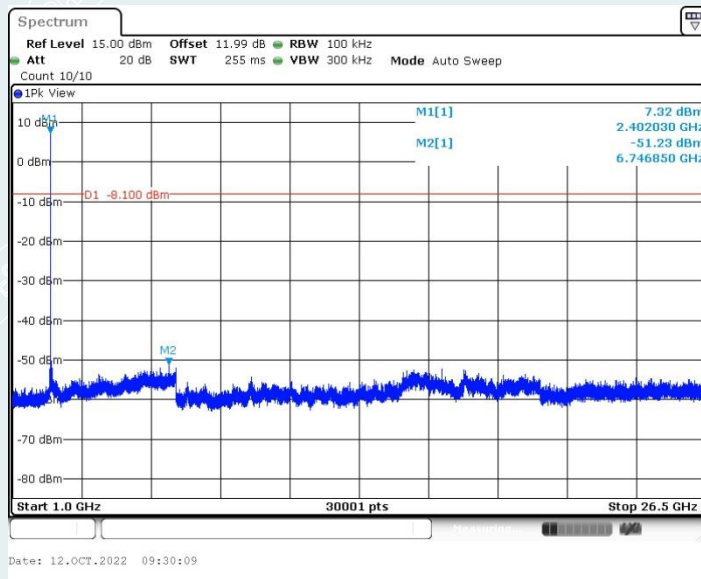
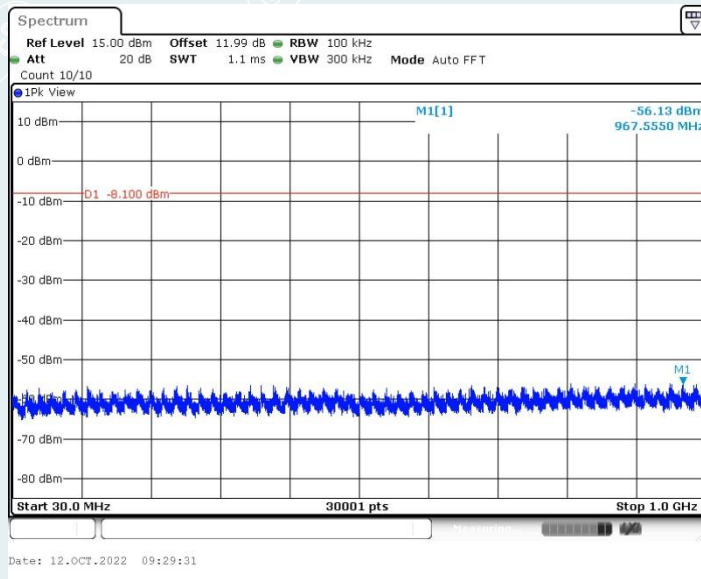




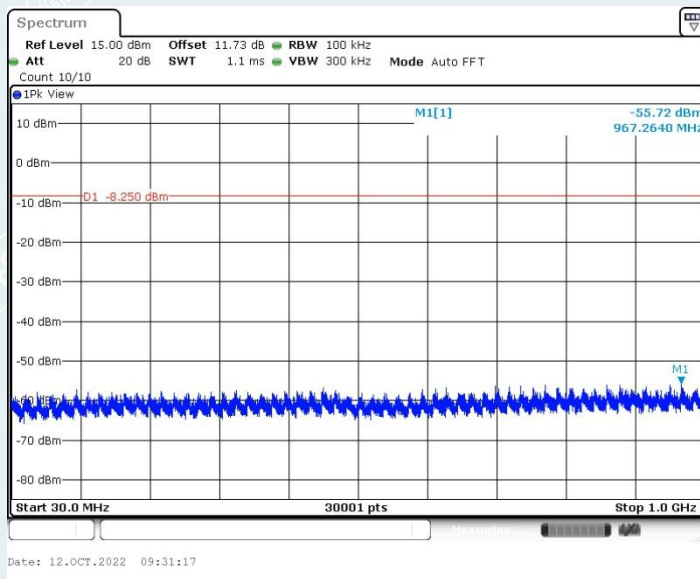
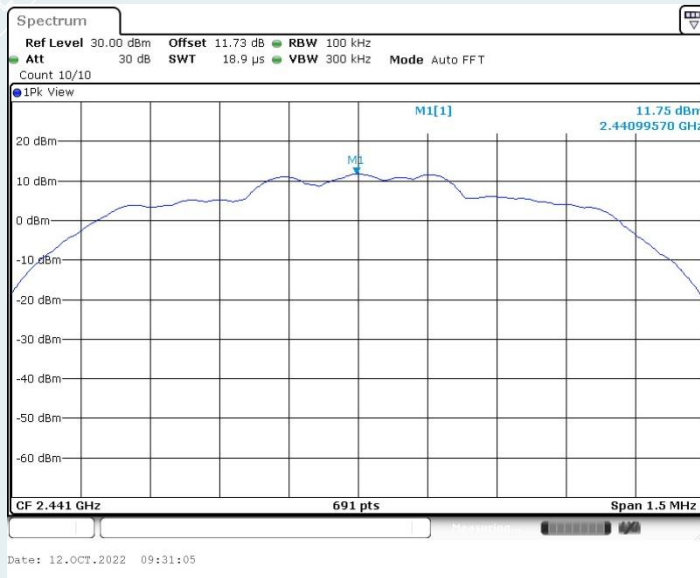


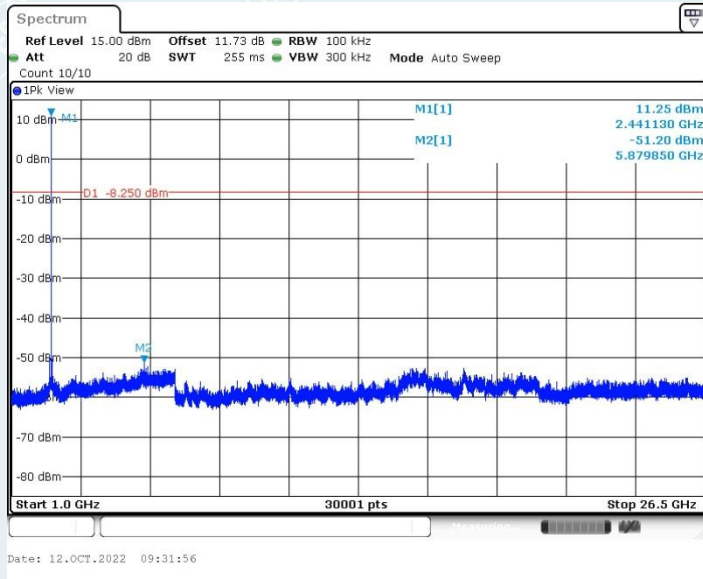
2DH5  
CH Low



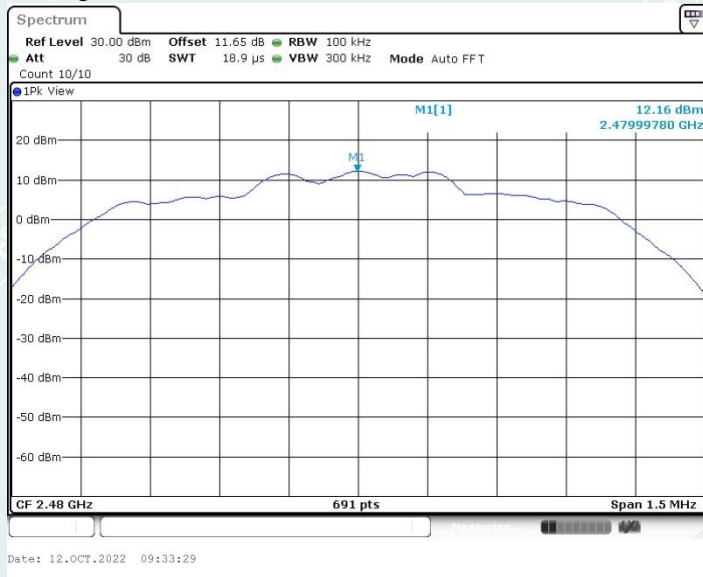


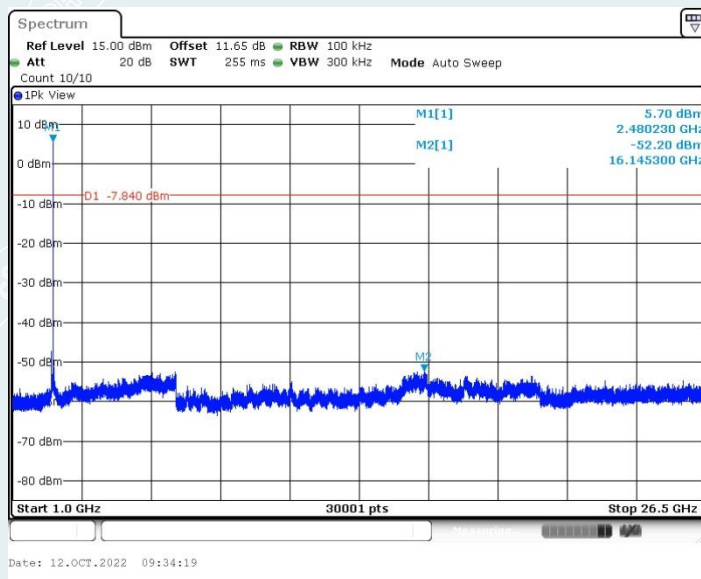
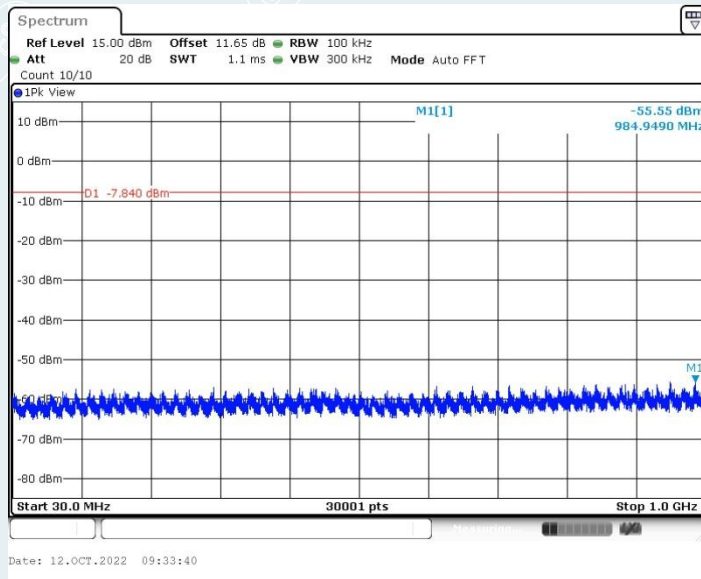
### CH Mid



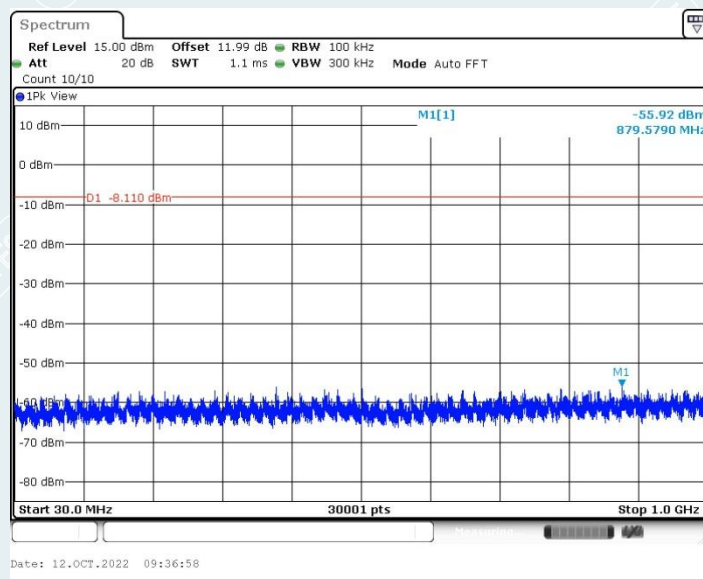
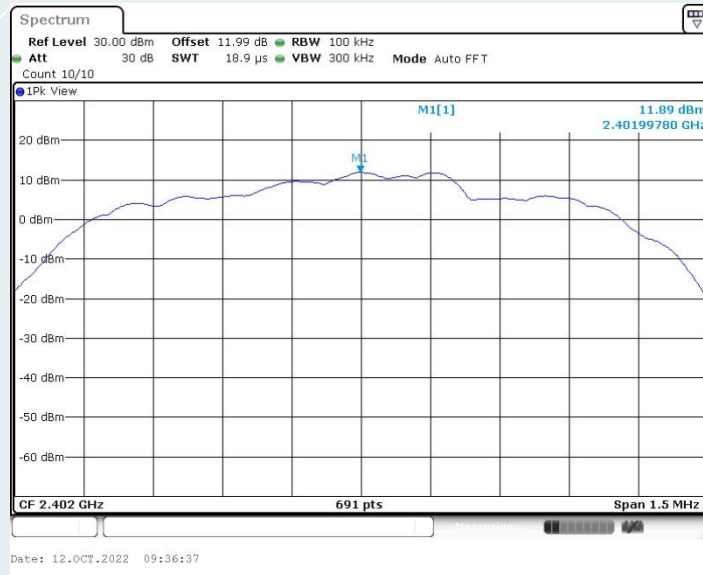


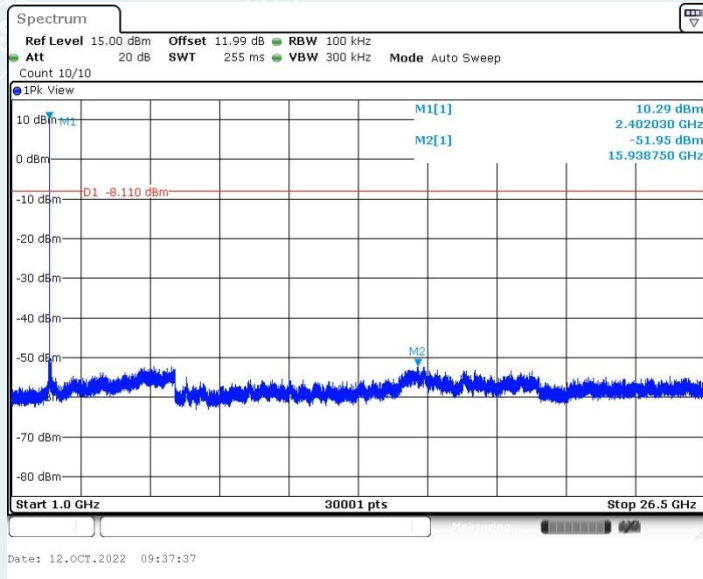
### CH High



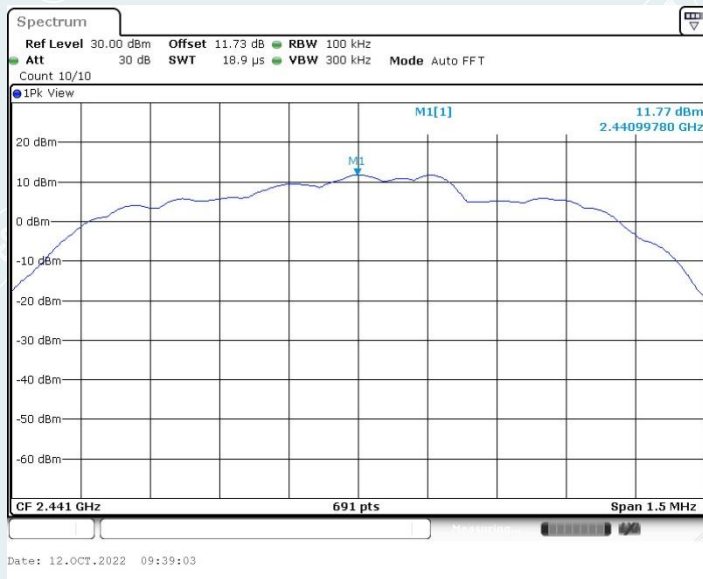


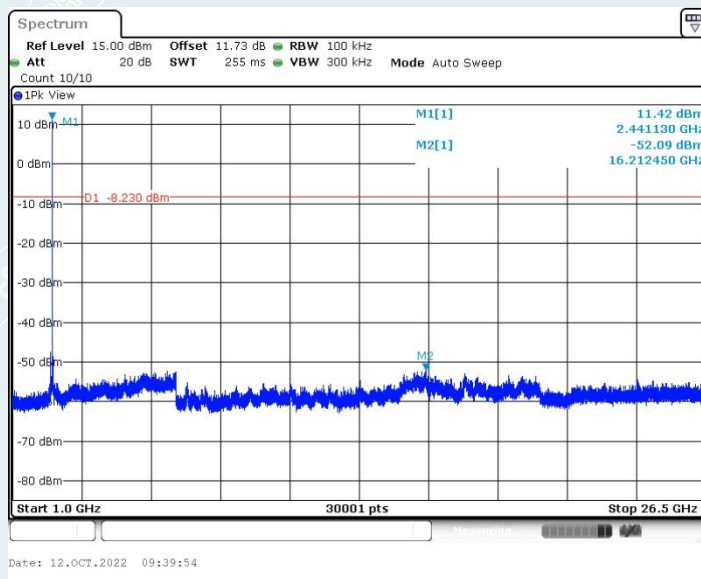
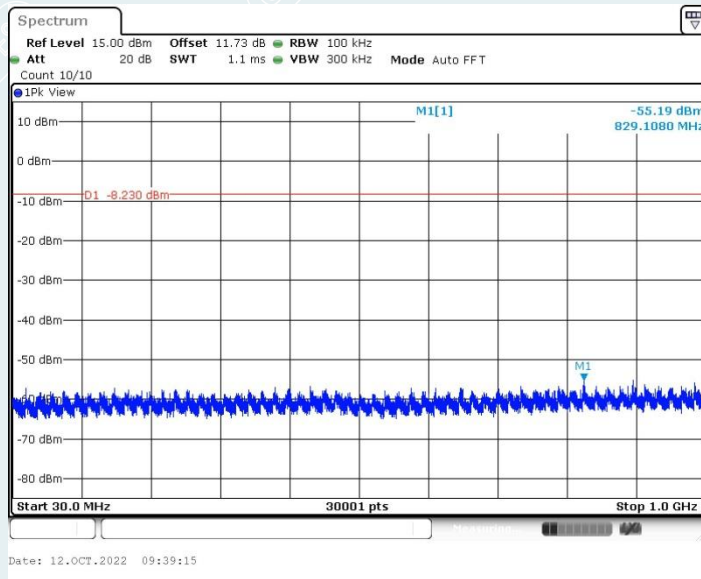
### 3DH5 CH Low





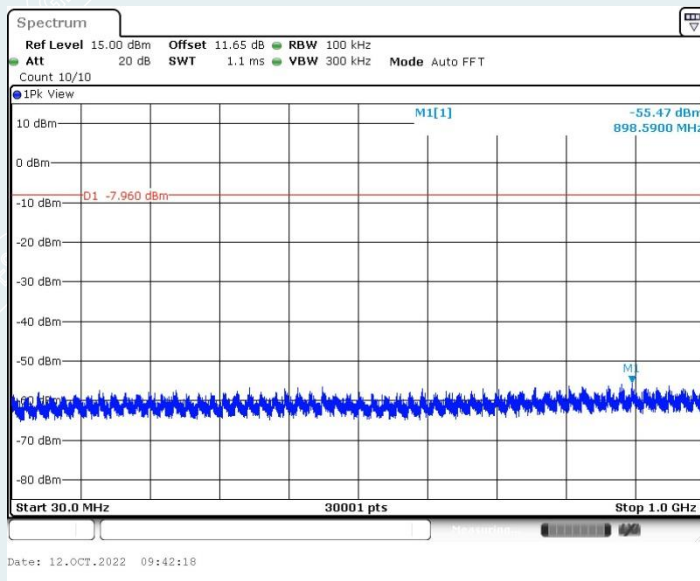
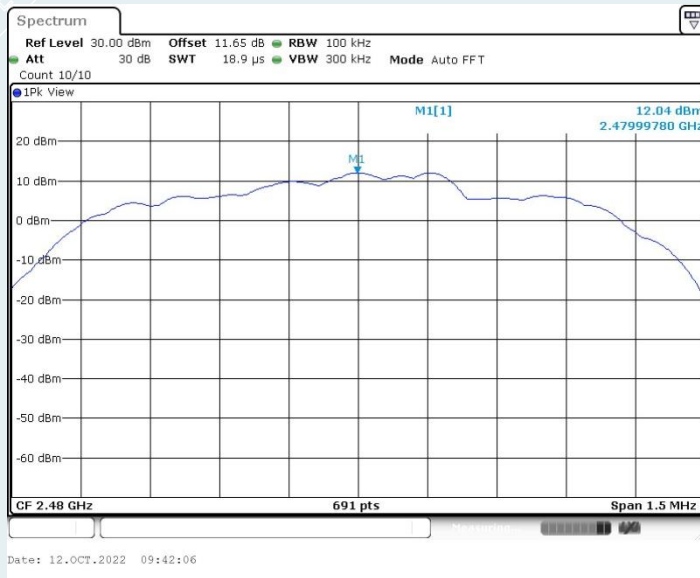
### CH Mid

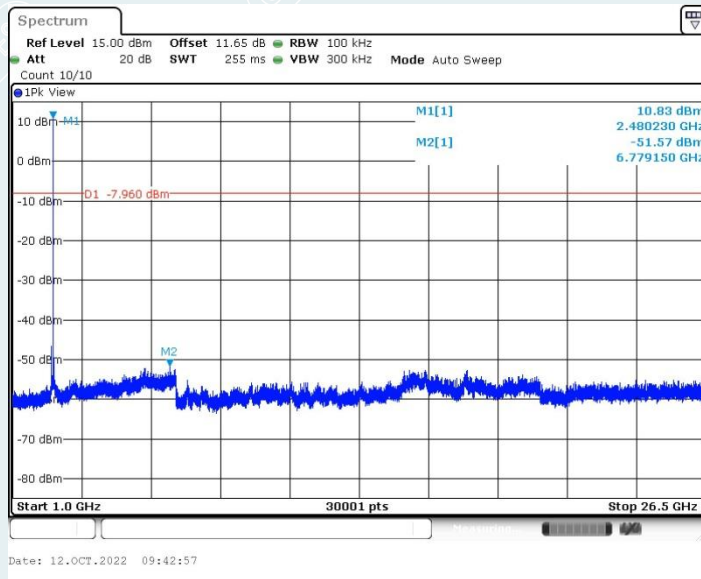






### CH High





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## 14. RADIATED SPURIOUS EMISSIONS

### 14.1 LIMITS

In any 100kHz 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 20dB below that in the 100kHz 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 power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30dB instead of 20dB. Attenuation below the general limits specified in §15.209(a) is not required.

Frequency (MHz)	Quasi-peak( $\mu\text{V}/\text{m}$ )	Measurement distance(m)	Quasi-peak( $\text{dB}\mu\text{V}/\text{m}$ )@distance 3m
0.009-0.490	2400/F(kHz)	300	128.5~93.8
0.490-1.705	24000/F(kHz)	30	73.8~63
1.705-30.0	30	30	69.5
30 ~ 88	100	3	40
88~216	150	3	43.5
216 ~ 960	200	3	46
Above 960	500	3	54

#### NOTE:

- (1) The emission limits for the ranges 9-90kHz and 110-490kHz are based on measurements employing a linear average detector.
- (2) The lower limit shall apply at the transition frequencies.
- (3) Above 18GHz test distance is 1m, so the Peak Limit= $74+20*\log(3/1)=83.54$  ( $\text{dB}\mu\text{V}/\text{m}$ ).  
The Avg Limit= $54+20*\log(3/1)=63.54$  ( $\text{dB}\mu\text{V}/\text{m}$ ).

### 14.2 TEST PROCEDURES

#### 1) Sequence of testing 9kHz to 30MHz

##### Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a rotatable table with 0.8 m height is used.
- If the EUT is a floor standing device, it is placed on the ground.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions.
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 3 meter.
- The EUT was set into operation.

##### Pre measurement:

- The turntable rotates from 0 ° to 360 °.
- The antenna height is 1.0 meter.
- At each turntable position the analyzer sweeps with peak detection to find the maximum of all emissions

##### Final measurement:

--- Identified emissions during the pre measurement the software maximizes by rotating the turntable position ( $0^{\circ}$  to  $360^{\circ}$ ) and by rotating the elevation axes ( $0^{\circ}$  to  $360^{\circ}$ ).

--- The final measurement will be done in the position (turntable and elevation) causing the highest emissions with QP detector.

--- The final levels, frequency, measuring time, bandwidth, turntable position, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the pre measurement and the limit will be stored.

## 2) Sequence of testing 30MHz to 1GHz

### Setup:

--- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.

--- If the EUT is a tabletop system, a table with 0.8 m height is used, which is placed on the ground plane.

--- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.

--- Auxiliary equipment and cables were positioned to simulate normal operation conditions

--- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.

--- The measurement distance is 3 meter.

--- The EUT was set into operation.

### Pre measurement:

--- The turntable rotates from  $0^{\circ}$  to  $360^{\circ}$ .

--- The antenna is polarized vertical and horizontal.

--- The antenna height changes from 1 to 4 meter.

--- At each turntable position, antenna polarization and height the analyzer sweeps three times in peak to find the maximum of all emissions.

### Final measurement:

--- The final measurement will be performed with minimum the six highest peaks.

--- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable rotates from  $0^{\circ}$  to  $360^{\circ}$  and antenna movement between 1 and 4 meter.

--- The final measurement will be done with QP detector with an EMI receiver.

--- The final levels, frequency, measuring time, bandwidth, antenna height, antenna polarization, turntable angle, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement with marked maximum final measurements and the limit will be stored.

## 3) Sequence of testing 1GHz to 18GHz

### Setup:

--- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.

--- If the EUT is a tabletop system, a rotatable table with 1.5 m height is used.

--- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.

--- Auxiliary equipment and cables were positioned to simulate normal operation conditions

--- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.

- The measurement distance is 3 meter.
- The EUT was set into operation.

**Pre measurement:**

- The turntable rotates from 0 ° to 360 °.
- The antenna is polarized vertical and horizontal.
- The antenna height scan range is 1 meter to 4 meter.
- At each turntable position and antenna polarization the analyzer sweeps with peak detection to find the maximum of all emissions.

**Final measurement:**

- The final measurement will be performed with minimum the six highest peaks.
- According to the maximum antenna and turntable positions of pre measurement the software maximize the peaks by changing turntable rotates from 0 ° to 360 ° and antenna movement between 1 and 4 meter. This procedure is repeated for both antenna polarizations.
- The final measurement will be done in the position (turntable, EUT-table and antenna polarization) causing the highest emissions with Peak and Average detector.
- The final levels, frequency, measuring time, bandwidth, turntable position, EUT-table position, antenna polarization, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the pre measurement with marked maximum final measurements and the limit will be stored.

**4) Sequence of testing above 18GHz****Setup:**

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a rotatable table with 1.5 m height is used.
- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 1 meter.
- The EUT was set into operation.

**Pre measurement:**

- The antenna is moved spherical over the EUT in different polarisations of the antenna.

**Final measurement:**

- The final measurement will be performed at the position and antenna orientation for all detected emissions that were found during the pre measurements with Peak and Average detector.
- The final levels, frequency, measuring time, bandwidth, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the pre measurement and the limit will be stored.

**NOTE:**

- (a). The frequency from 9kHz to 150kHz, Set RBW=300Hz(for Peak&AVG), RBW=300Hz(for Peak&AVG). the frequency from 150kHz to 30MHz, Set RBW=9kHz, RBW=9kHz, (for QP Detector).

- (b).The frequency from 30MHz to 1GHz, Set RBW=120kHz, RBW=300kHz, (for QP Detector).
- (c).The frequency above 1GHz, for Peak detector: Set RBW=1MHz, RBW=3MHz.
- (d).The frequency above 1GHz, for Avg detector: Set RBW=1MHz, if the EUT is configured to transmit with duty cycle  $\geq 98\%$ , set  $VBW \leq RBW/100$  (i.e.,10kHz) but not less than 10 Hz. if the EUT duty cycle is  $< 98\%$ , set  $VBW \geq 1/T$ , Where T is defined in section 2.8.

----- The following blanks -----

### 14.3 TEST SETUP

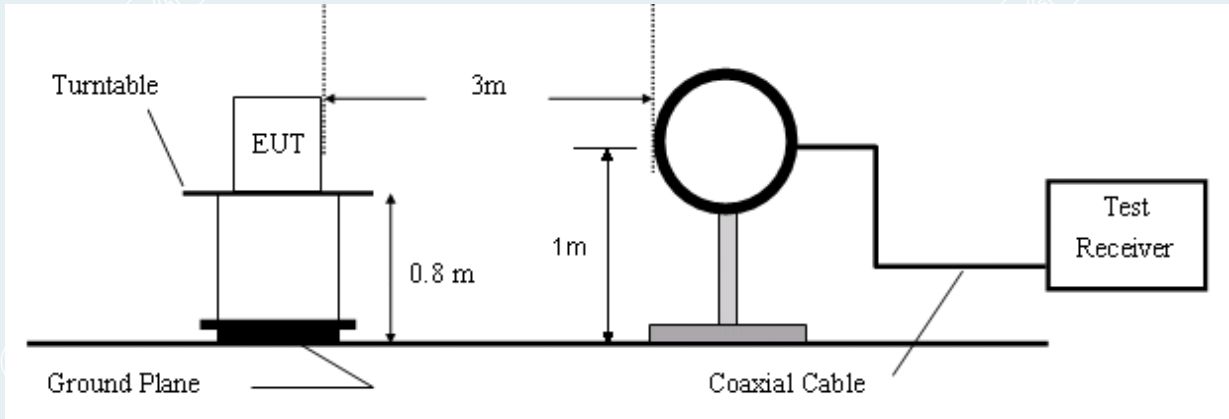


Figure 1. 9kHz to 30MHz radiated emissions test configuration

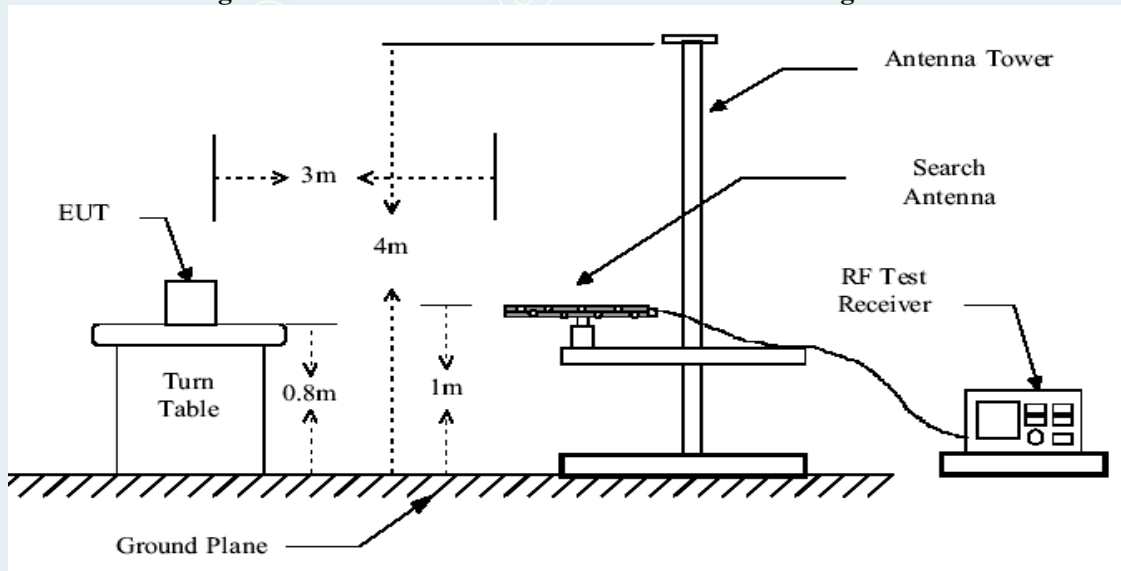


Figure 2. 30MHz to 1GHz radiated emissions test configuration

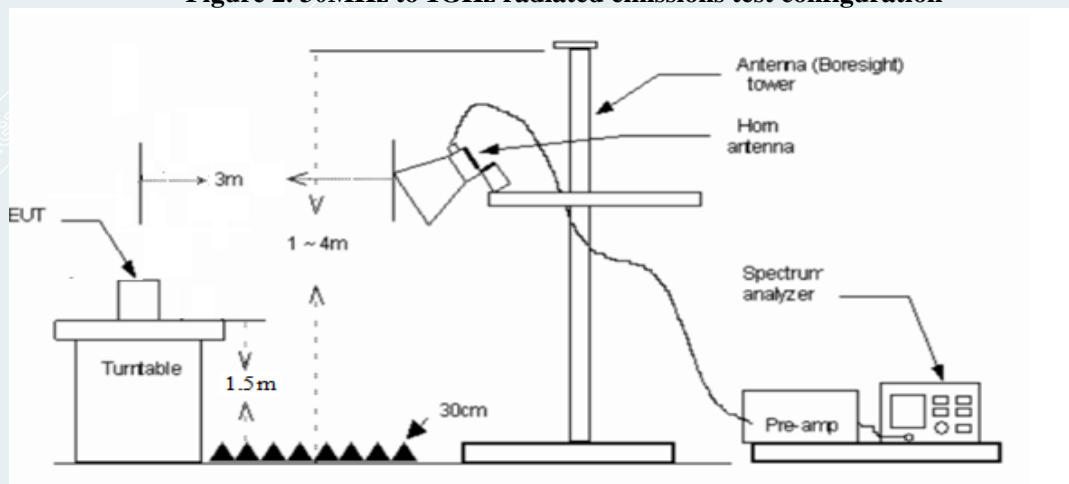


Figure 3. 1GH to 18GHz radiated emissions test configuration

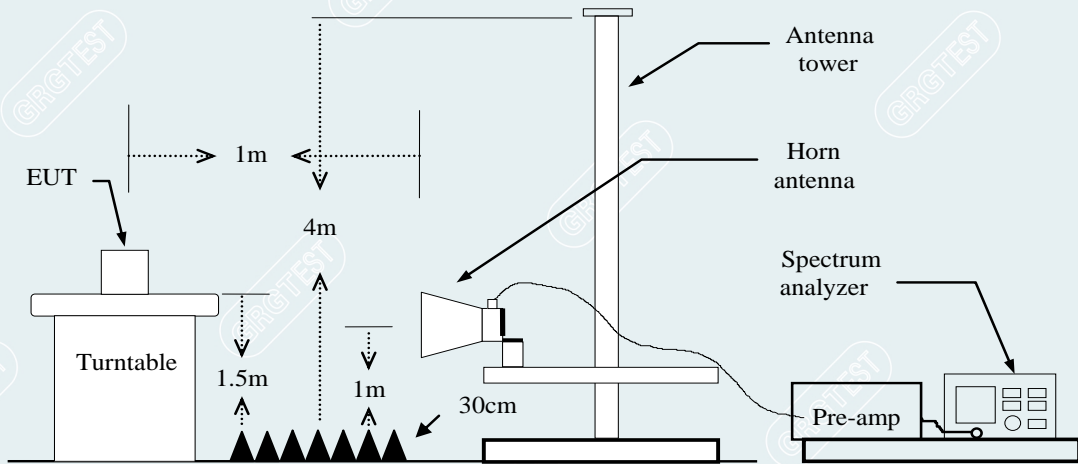


Figure 4. 18GHz to 26.5GHz radiated emissions test configuration

14.4 DATA SAMPLE

30MHz to 1GHz

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Pole
xxx	xxx	37.06	-15.48	21.58	40.00	-18.42	QP	Vertical

1GHz-18GHz

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Pole
xxx	xxx	65.45	-11.12	54.33	74.00	-19.67	peak	Vertical
xxx	xxx	63.00	-11.12	51.88	54.00	-2.12	AVG	Vertical

Above 18GHz

No.	Frequency (MHz)	Reading (dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Pole
xxx	xxx	68.86	57.66	-11.20	83.54	25.88	peak	Vertical
xxx	xxx	68.89	-11.20	57.69	63.54	5.85	AVG	Vertical

- Frequency (MHz) = Emission frequency in MHz
- Ant.Pol. (H/V) = Antenna polarization
- Reading (dBuV) = Uncorrected Analyzer / Receiver reading
- Correction Factor (dB/m) = Antenna factor + Cable loss – Amplifier gain
- Result (dBuV/m) = Reading (dBuV) + Correction Factor (dB/m)
- Limit (dBuV/m) = Limit stated in standard
- Margin (dB) = Remark Result (dBuV/m) – Limit (dBuV/m)
- Peak = Peak Reading
- QP = Quasi-peak Reading
- AVG = Average Reading



### 14.5 TEST RESULTS

#### Left earbuds

#### Battery 1

#### Below 1GHz

The chart below shows the highest readings taken from the final data.

Mode: DH5

Middle Frequency (2441MHz)

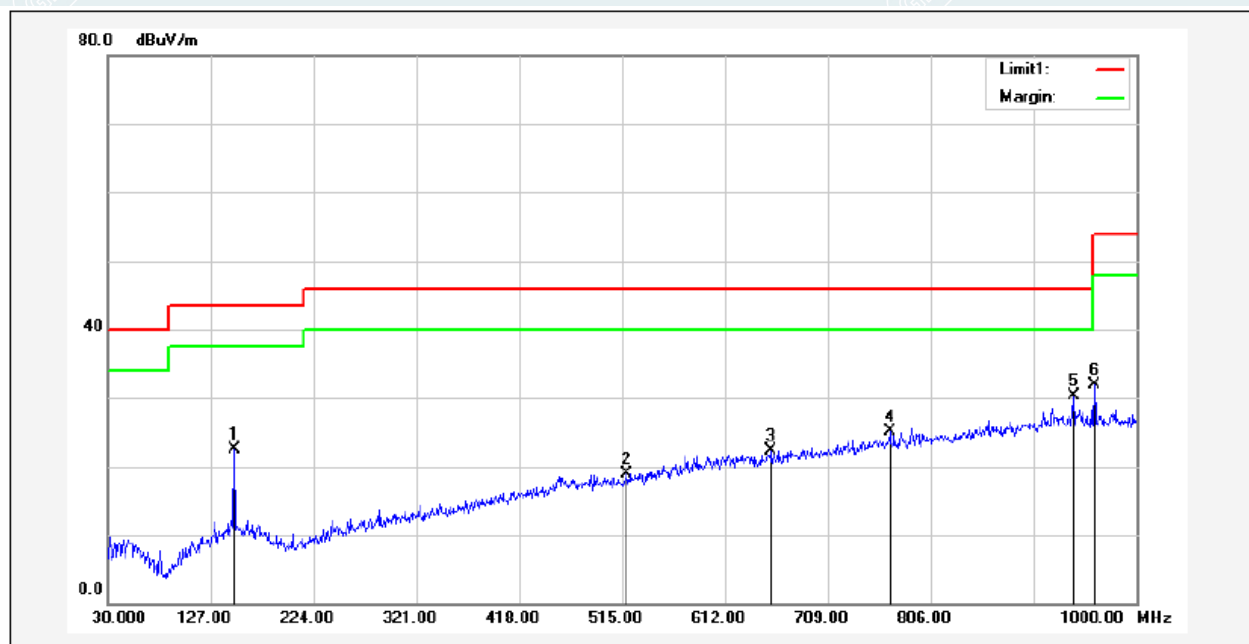
Environment: 24.2°C/41%RH/101.0kPa

Test Engineer: Huang Xinlong

Date: 2022-10-18

Test Voltage: DC 3.8V

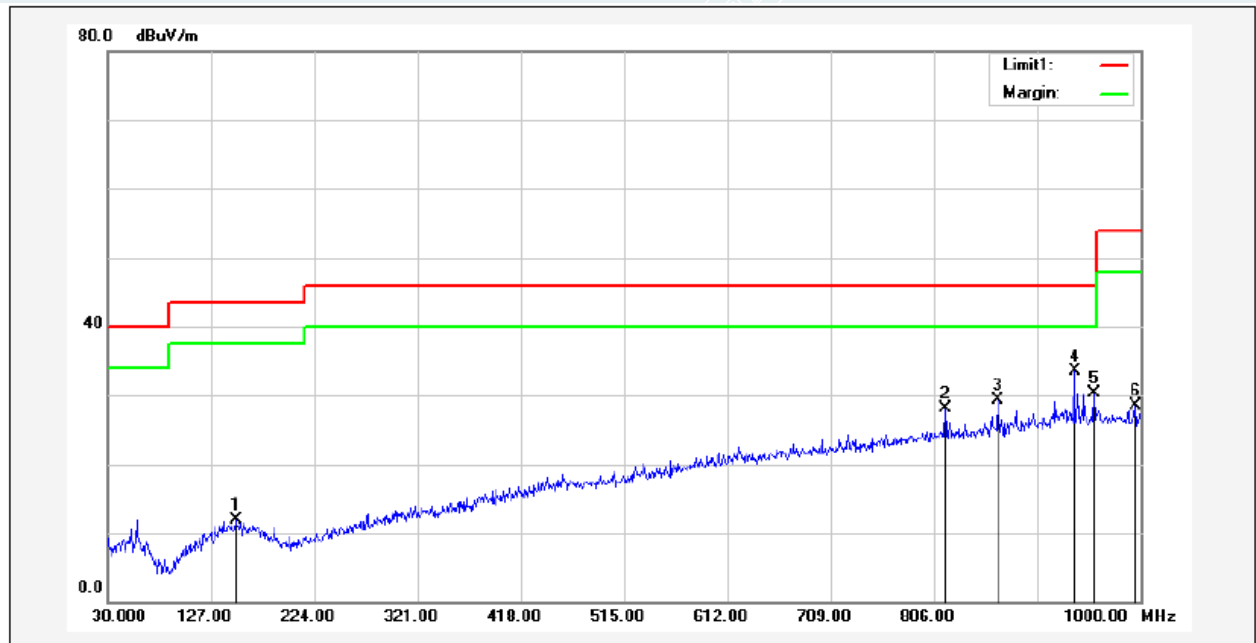
Probe : Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over (dB)	Degree (deg.)	Height (cm)	Remark
1	149.3100	47.28	-24.85	22.43	43.50	-21.07	360	113	QP
2	519.8500	36.34	-17.39	18.95	46.00	-27.05	25	200	QP
3	654.6800	36.44	-14.19	22.25	46.00	-23.75	1	200	QP
4	767.2000	37.05	-12.01	25.04	46.00	-20.96	168	200	QP
5*	940.8300	39.78	-9.53	30.25	46.00	-15.75	26	100	QP
6	960.2300	41.25	-9.28	31.97	54.00	-22.03	50	100	QP

Mode: DH5  
 Middle Frequency (2441MHz)  
 Environment: 24.2°C/41%RH/101.0kPa  
 Test Engineer: Huang Xinlong

Date: 2022-10-18  
 Test Voltage: DC 3.8V  
 Probe : Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over (dB)	Degree (deg.)	Height (cm)	Remark
1	150.2800	36.67	-24.82	11.85	43.50	-31.65	81	200	QP
2	816.6700	39.40	-11.32	28.08	46.00	-17.92	269	100	QP
3	866.1400	39.92	-10.65	29.27	46.00	-16.73	200	100	QP
4*	937.9200	43.01	-9.57	33.44	46.00	-12.56	108	100	QP
5	956.3500	39.67	-9.33	30.34	46.00	-15.66	86	100	QP
6	995.1500	37.39	-8.87	28.52	54.00	-25.48	40	100	QP

**Remark:**

- 1 No emission found between lowest internal used/generated frequency to 30MHz.
- 2 Pre-scan all mode and recorded the worst case results in this report (TX-Mid Channel(DH5))
- 3 Measuring frequencies from 9kHz to the 1GHz.
- 4 Radiated emissions measured in frequency range from 30MHz to 1GHz were made with an instrument using Peak/Quasi-peak detector mode.
- 5 Data of measurement within this frequency range shown “ --- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- 6 The IF bandwidth of SPA between 30MHz to 1GHz was 120kHz.

**Battery 2**

**Below 1GHz**

The chart below shows the highest readings taken from the final data.

Mode: 2DH5

Middle Frequency (2441MHz)

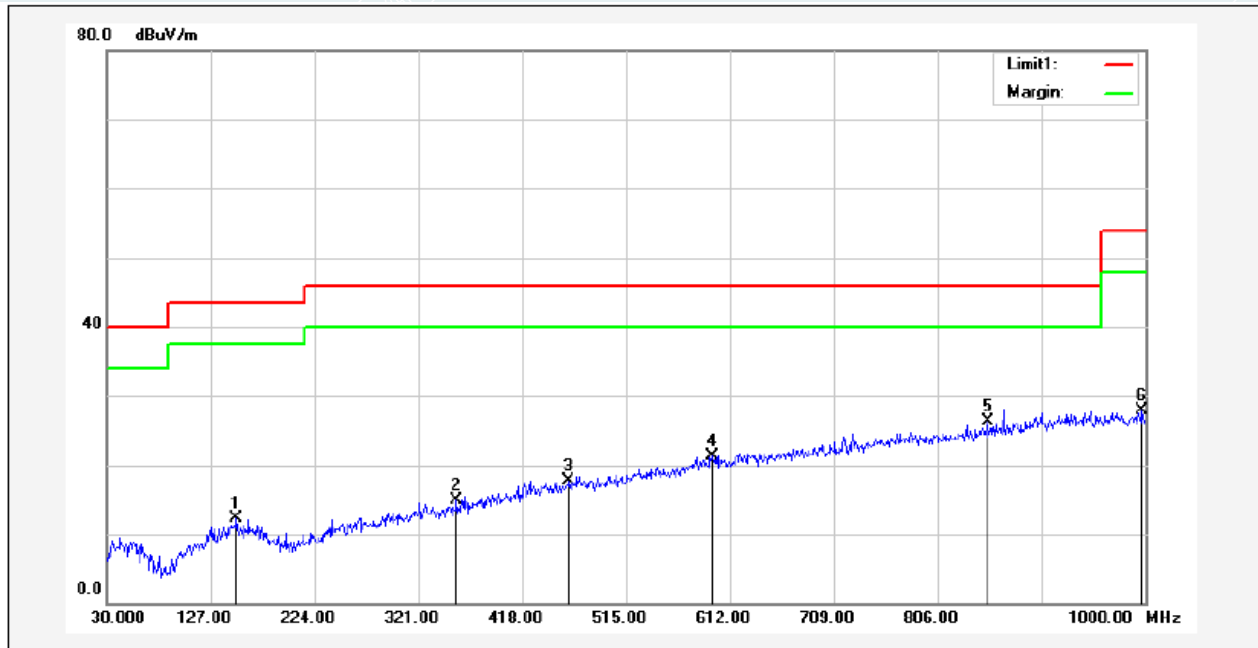
Environment: 24.5°C/40%RH/101.0kPa

Test Engineer: Huang Xinlong

Date: 2022-10-21

Test Voltage: DC 3.8V

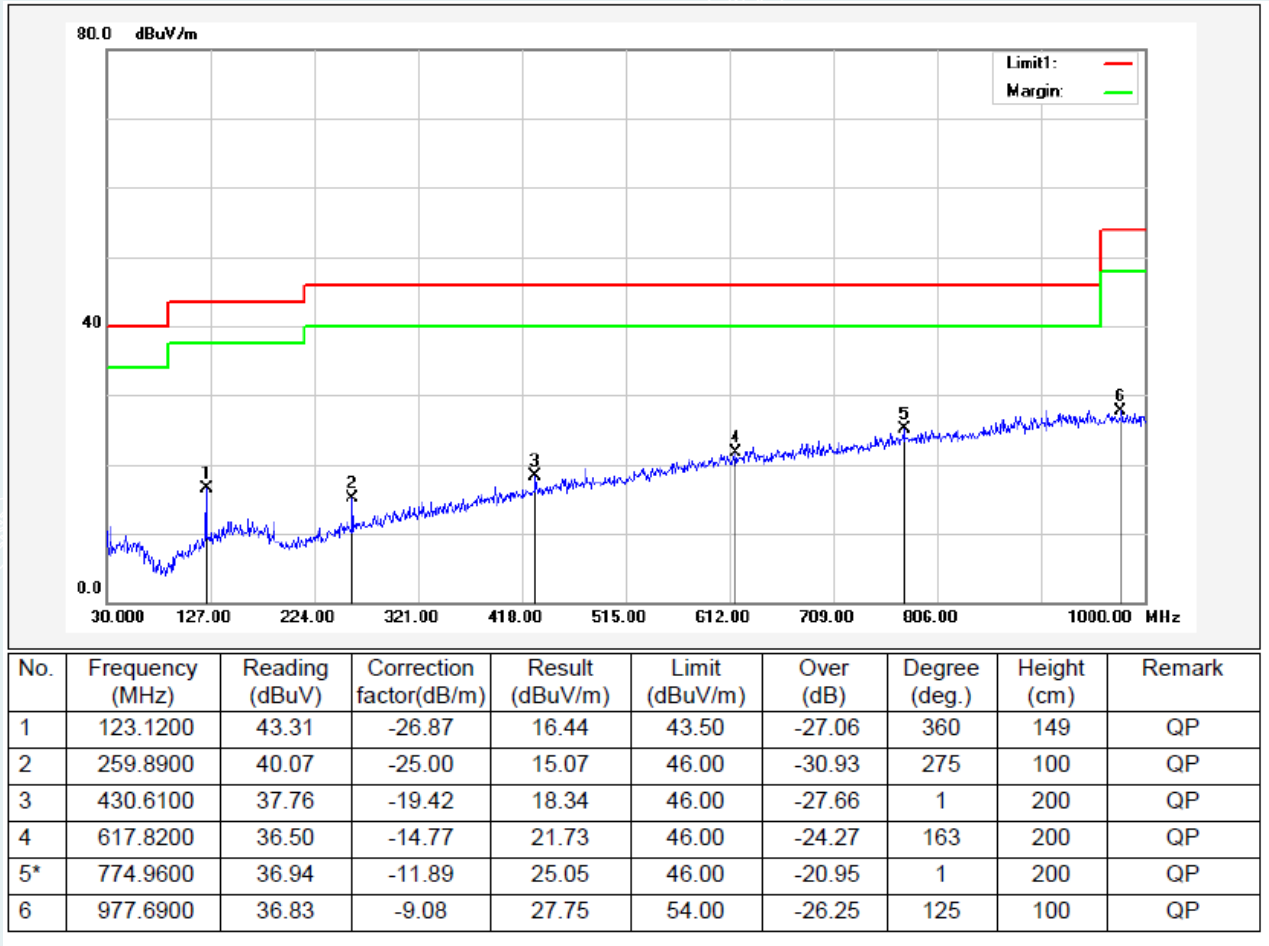
Probe : Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over (dB)	Degree (deg.)	Height (cm)	Remark
1	151.2500	37.16	-24.84	12.32	43.50	-31.18	68	100	QP
2	356.8900	36.96	-22.09	14.87	46.00	-31.13	0	200	QP
3	461.6500	36.23	-18.55	17.68	46.00	-28.32	1	100	QP
4	595.5100	36.44	-15.19	21.25	46.00	-24.75	258	100	QP
5*	852.5600	37.16	-10.88	26.28	46.00	-19.72	360	171	QP
6	997.0900	36.75	-8.84	27.91	54.00	-26.09	159	200	QP

Mode: 2DH5  
 Middle Frequency (2441MHz)  
 Environment: 24.5°C/40%RH/101.0kPa  
 Test Engineer: Huang Xinlong

Date: 2022-10-21  
 Test Voltage: DC 3.8V  
 Probe : Vertical



**Remark:**

- No emission found between lowest internal used/generated frequency to 30MHz.
- Pre-scan all mode and recorded the worst case results in this report (TX-Mid Channel(2DH5))
- Measuring frequencies from 9kHz to the 1GHz.
- Radiated emissions measured in frequency range from 30MHz to 1GHz were made with an instrument using Peak/Quasi-peak detector mode.
- Data of measurement within this frequency range shown “ --- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- The IF bandwidth of SPA between 30MHz to 1GHz was 120kHz.

**Right earbuds**

**Battery 1**

**Below 1GHz**

The chart below shows the highest readings taken from the final data.

Mode: DH5

Middle Frequency (2441MHz)

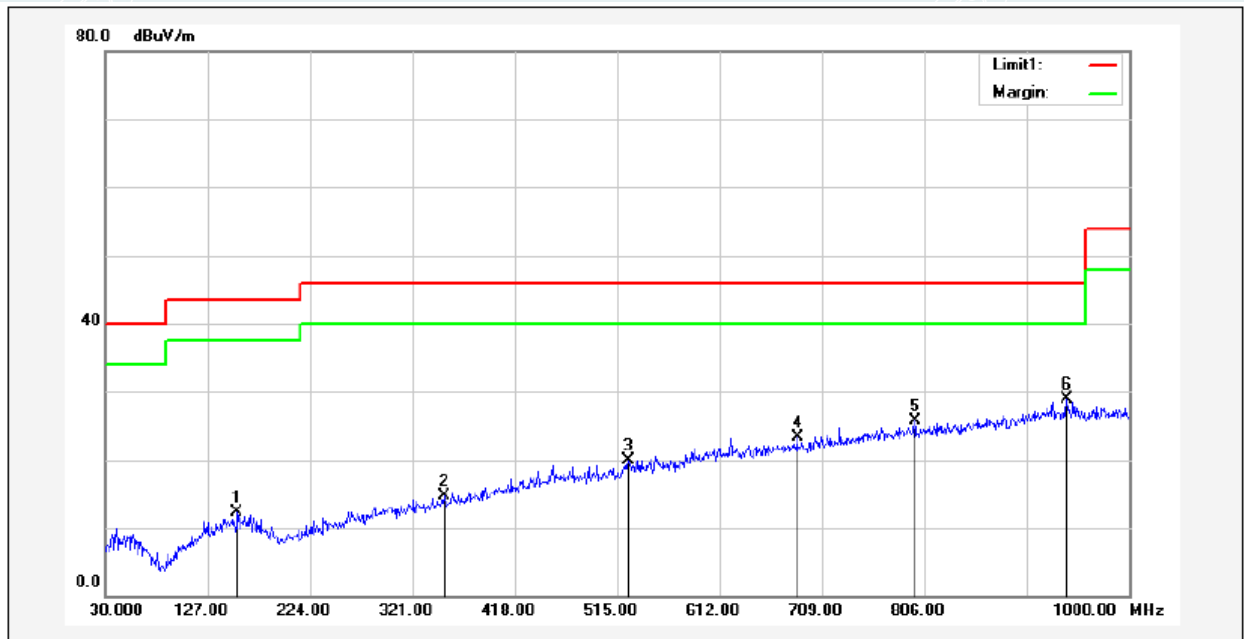
Environment: 24.2°C/41%RH/101.0kPa

Test Engineer: Huang Xinlong

Date: 2022-10-18

Test Voltage: DC 3.8V

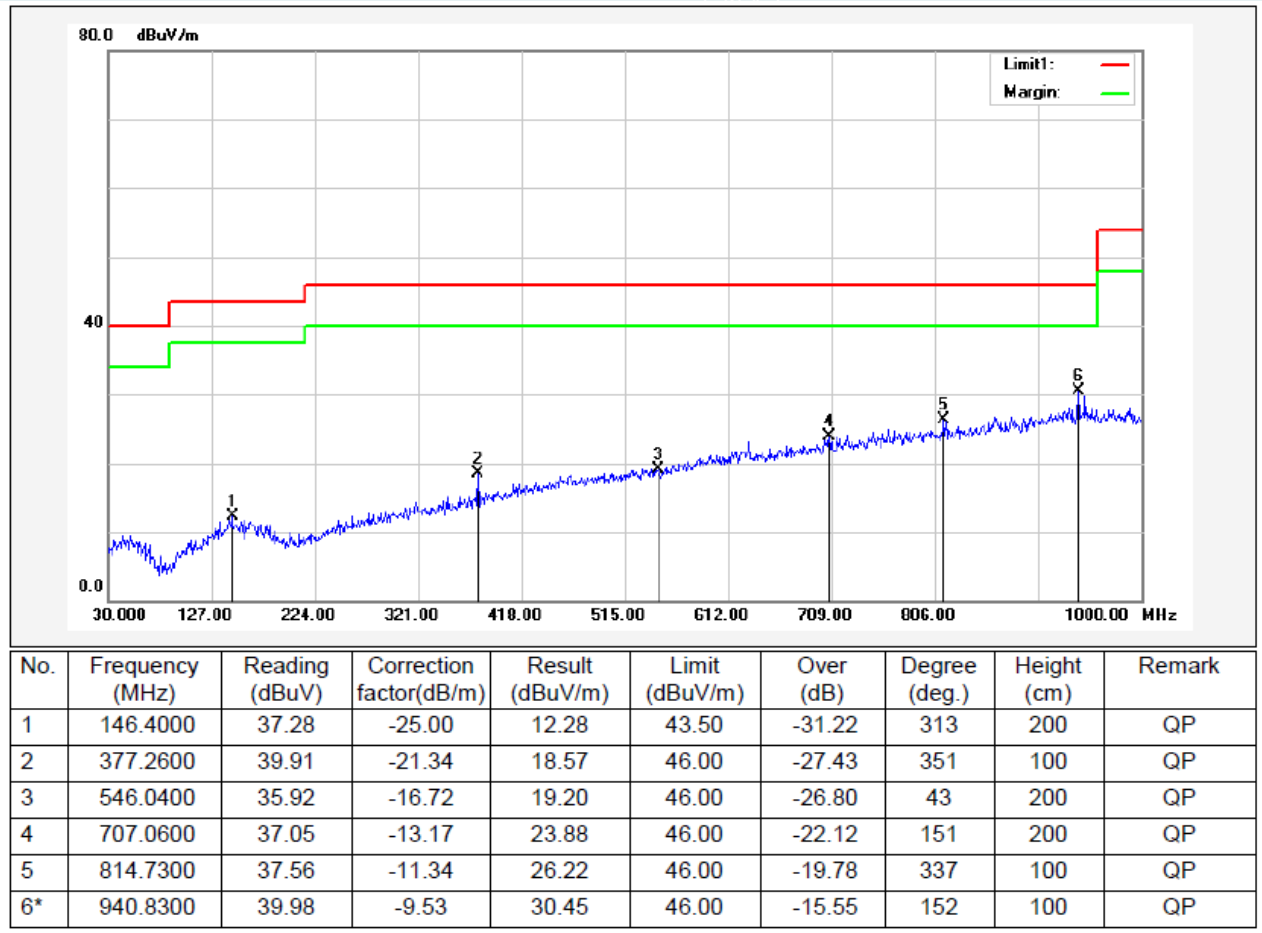
Probe : Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over (dB)	Degree (deg.)	Height (cm)	Remark
1	155.1300	37.23	-24.90	12.33	43.50	-31.17	291	200	QP
2	351.0700	37.08	-22.31	14.77	46.00	-31.23	151	200	QP
3	525.6700	37.14	-17.25	19.89	46.00	-26.11	1	100	QP
4	685.7200	36.98	-13.59	23.39	46.00	-22.61	28	200	QP
5	797.2700	37.20	-11.56	25.64	46.00	-20.36	360	175	QP
6*	940.8300	38.36	-9.53	28.83	46.00	-17.17	360	125	QP

Mode: DH5  
 Middle Frequency (2441MHz)  
 Environment: 24.2°C/41%RH/101.0kPa  
 Test Engineer: Huang Xinlong

Date: 2022-10-18  
 Test Voltage: AC 120V/60Hz  
 Probe : Vertical



**Remark:**

- 1 No emission found between lowest internal used/generated frequency to 30MHz.
- 2 Pre-scan all mode and recorded the worst case results in this report (TX-Mid Channel(DH5))
- 3 Measuring frequencies from 9kHz to the 1GHz.
- 4 Radiated emissions measured in frequency range from 30MHz to 1GHz were made with an instrument using Peak/Quasi-peak detector mode.
- 5 Data of measurement within this frequency range shown “ --- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- 6 The IF bandwidth of SPA between 30MHz to 1GHz was 120kHz.

**Battery 2**

**Below 1GHz**

The chart below shows the highest readings taken from the final data.

Mode: 3DH5

Middle Frequency (2441MHz)

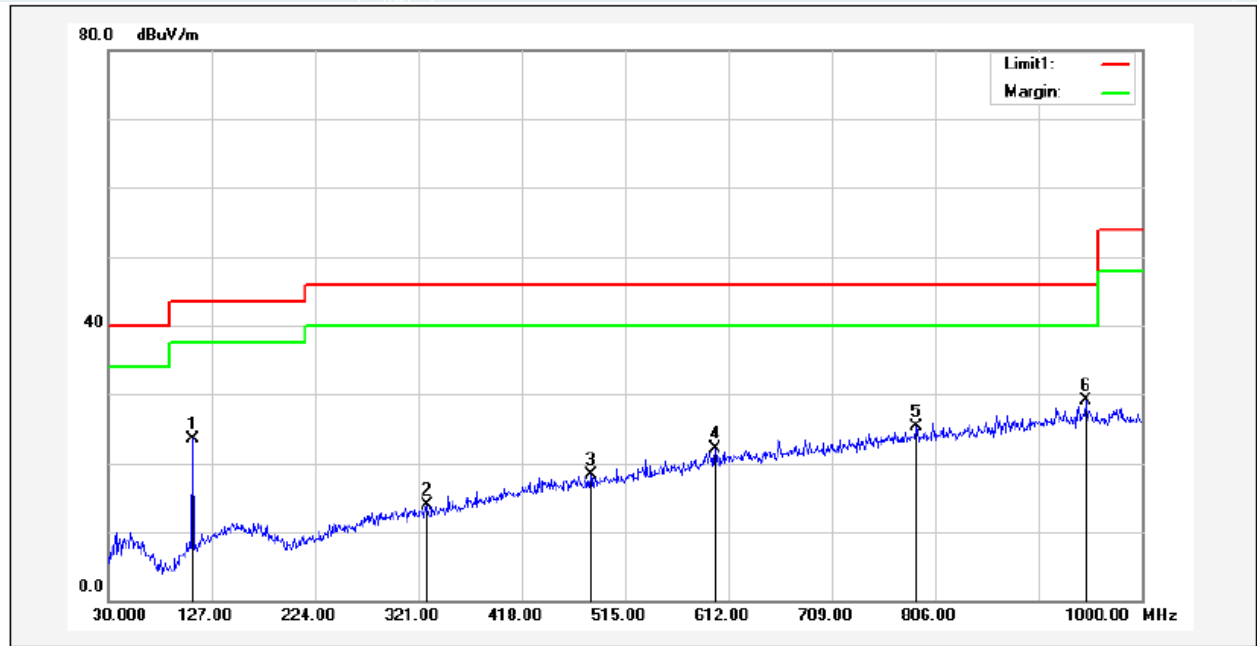
Environment: 24.5°C/40%RH/101.0kPa

Test Engineer: Huang Xinlong

Date: 2022-10-21

Test Voltage: DC 3.8V

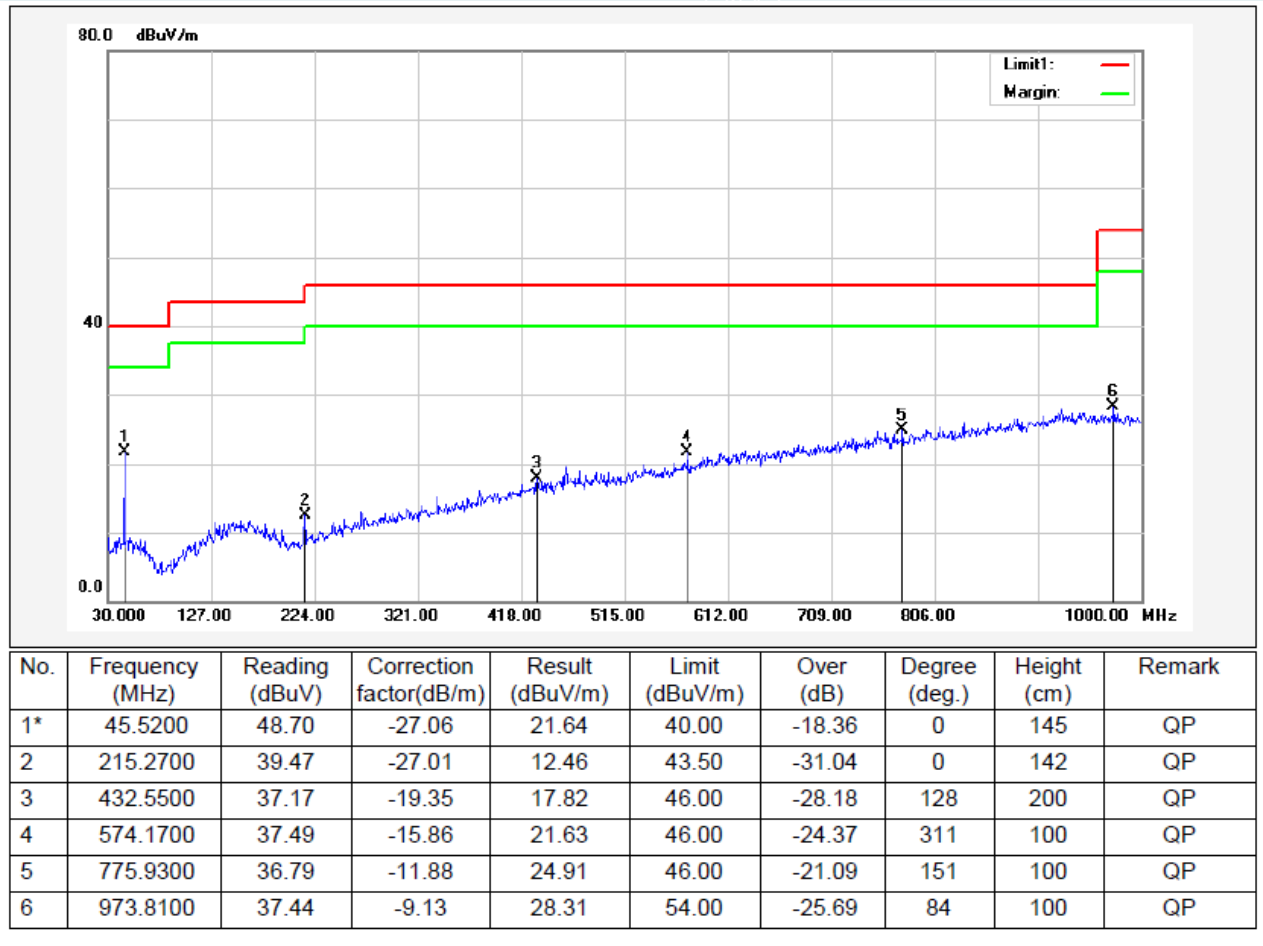
Probe : Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over (dB)	Degree (deg.)	Height (cm)	Remark
1	109.5400	51.45	-27.98	23.47	43.50	-20.03	0	146	QP
2	329.7300	36.70	-22.83	13.87	46.00	-32.13	22	200	QP
3	482.9900	36.50	-18.19	18.31	46.00	-27.69	0	181	QP
4	599.3900	37.20	-15.07	22.13	46.00	-23.87	136	100	QP
5	788.5400	36.96	-11.69	25.27	46.00	-20.73	7	100	QP
6*	947.6200	38.50	-9.43	29.07	46.00	-16.93	270	200	QP

Mode: 3DH5  
 Middle Frequency (2441MHz)  
 Environment: 24.5°C/40%RH/101.0kPa  
 Test Engineer: Huang Xinlong

Date: 2022-10-21  
 Test Voltage: DC 3.8V  
 Probe : Vertical



**Remark:**

- 1 No emission found between lowest internal used/generated frequency to 30MHz.
- 2 Pre-scan all mode and recorded the worst case results in this report (TX-Mid Channel(3DH5))
- 3 Measuring frequencies from 9kHz to the 1GHz.
- 4 Radiated emissions measured in frequency range from 30MHz to 1GHz were made with an instrument using Peak/Quasi-peak detector mode.
- 5 Data of measurement within this frequency range shown “ --- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- 6 The IF bandwidth of SPA between 30MHz to 1GHz was 120kHz.



**Left earbuds****Above 1GHz to 18GHz**

Mode: DH5

Lowest Frequency (2402MHz)

Environment: 25.0°C/60%RH

Test Engineer: Zhang Zishan

Date: 2022-10-14

Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1299.4	60.15	37.40	-22.75	74.00	36.60	100	318	Horizontal
2	1964.6	59.46	38.25	-21.21	74.00	35.75	100	32	Horizontal
3	3604.5	58.18	42.24	-15.94	74.00	31.76	100	282	Horizontal
4	4803	56.85	44.81	-12.04	74.00	29.19	100	40	Horizontal
5	9405	51.08	52.83	1.75	74.00	21.17	200	119	Horizontal
6	14559	47.72	53.38	5.66	74.00	20.62	100	81	Horizontal
7	1267	48.70	26.51	-22.19	54.00	27.49	100	179	Horizontal
8	2046.2	47.88	27.08	-20.80	54.00	26.92	200	265	Horizontal
9	3604.5	47.41	31.47	-15.94	54.00	22.53	200	255	Horizontal
10	4806	48.59	36.51	-12.08	54.00	17.49	100	40	Horizontal
11	9252	40.24	41.30	1.06	54.00	12.70	100	295	Horizontal
12	14743.5	36.57	42.85	6.28	54.00	11.15	200	105	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1121.2	60.50	37.54	-22.96	74.00	36.46	200	13	Vertical
2	1745.8	61.04	39.32	-21.72	74.00	34.68	200	176	Vertical
3	3615	57.18	41.41	-15.77	74.00	32.59	100	43	Vertical
4	5053.5	55.67	44.54	-11.13	74.00	29.46	100	202	Vertical
5	8824.5	51.96	51.78	-0.18	74.00	22.22	100	323	Vertical
6	10695	49.46	53.77	4.31	74.00	20.23	200	71	Vertical
7	1091.4	49.01	26.63	-22.38	54.00	27.37	200	161	Vertical
8	1752.8	50.13	28.33	-21.80	54.00	25.67	100	290	Vertical
9	3604.5	46.35	30.84	-15.51	54.00	23.16	200	45	Vertical
10	4806	47.58	35.21	-12.37	54.00	18.79	100	15	Vertical
11	8893.5	40.68	40.93	0.25	54.00	13.07	200	150	Vertical
12	10680	39.17	43.14	3.97	54.00	10.86	100	15	Vertical

Mode: DH5  
 Middle Frequency (2441MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1237	60.30	37.87	-22.43	74.00	36.13	200	41	Horizontal
2	2384.6	62.68	42.59	-20.09	74.00	31.41	200	53	Horizontal
3	2497.2	62.54	43.85	-18.69	74.00	30.15	100	91	Horizontal
4	4141.5	56.58	41.55	-15.03	74.00	32.45	200	104	Horizontal
5	4824	56.60	44.28	-12.32	74.00	29.72	100	22	Horizontal
6	9970.5	50.56	53.02	2.46	74.00	20.98	200	64	Horizontal
7	1246	49.05	26.99	-22.06	54.00	27.01	100	360	Horizontal
8	2375	52.16	32.02	-20.14	54.00	21.98	100	59	Horizontal
9	2501.4	51.77	33.13	-18.64	54.00	20.87	100	233	Horizontal
10	4140	45.81	30.75	-15.06	54.00	23.25	100	332	Horizontal
11	4884	48.61	35.42	-13.19	54.00	18.58	100	48	Horizontal
12	9318	40.09	41.50	1.41	54.00	12.50	100	127	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1100	59.54	37.29	-22.25	74.00	36.71	100	271	Vertical
2	2197.4	58.60	39.51	-19.09	74.00	34.49	200	336	Vertical
3	3618	57.55	41.71	-15.84	74.00	32.29	100	346	Vertical
4	4951.5	55.49	44.10	-11.39	74.00	29.90	100	181	Vertical
5	8190	52.16	51.21	-0.95	74.00	22.79	100	168	Vertical
6	10807.5	50.26	53.66	3.40	74.00	20.34	100	316	Vertical
7	1091.8	48.93	26.56	-22.37	54.00	27.44	100	200	Vertical
8	2207.6	47.26	28.23	-19.03	54.00	25.77	200	120	Vertical
9	3609	46.00	30.37	-15.63	54.00	23.63	200	156	Vertical
10	4953	44.56	33.15	-11.41	54.00	20.85	100	104	Vertical
11	8178	41.34	40.29	-1.05	54.00	13.71	200	104	Vertical
12	10699.5	38.48	42.89	4.41	54.00	11.11	200	119	Vertical

Mode: DH5  
 Highest Frequency (2480MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1262.8	59.71	37.59	-22.12	74.00	36.41	200	68	Horizontal
2	2532.2	67.27	48.72	-18.55	74.00	25.28	100	54	Horizontal
3	3744	58.35	41.54	-16.81	74.00	32.46	100	138	Horizontal
4	4960.5	56.44	44.60	-11.84	74.00	29.40	100	343	Horizontal
5	8433	52.67	51.26	-1.41	74.00	22.74	200	316	Horizontal
6	9847.5	51.01	53.77	2.76	74.00	20.23	200	345	Horizontal
7	1245.8	48.67	26.60	-22.07	54.00	27.40	100	41	Horizontal
8	2532.2	60.84	42.29	-18.55	54.00	11.71	100	54	Horizontal
9	3721.5	49.59	32.43	-17.16	54.00	21.57	100	230	Horizontal
10	4962	47.60	35.74	-11.86	54.00	18.26	100	16	Horizontal
11	8434.5	41.41	40.01	-1.40	54.00	13.99	200	261	Horizontal
12	9796.5	39.62	42.19	2.57	54.00	11.81	100	343	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1086.6	60.61	38.16	-22.45	74.00	35.84	100	285	Vertical
2	2323.4	59.65	41.12	-18.53	74.00	32.88	200	16	Vertical
3	3936	57.25	41.63	-15.62	74.00	32.37	200	345	Vertical
4	5917.5	55.34	46.30	-9.04	74.00	27.70	200	251	Vertical
5	7485	54.27	51.75	-2.52	74.00	22.25	100	281	Vertical
6	9862.5	51.70	53.98	2.28	74.00	20.02	200	39	Vertical
7	1090.2	49.15	26.75	-22.40	54.00	27.25	100	84	Vertical
8	2290.6	47.26	28.63	-18.63	54.00	25.37	200	128	Vertical
9	3610.5	46.35	30.69	-15.66	54.00	23.31	100	330	Vertical
10	5917.5	44.23	35.19	-9.04	54.00	18.81	200	26	Vertical
11	7534.5	41.88	39.84	-2.04	54.00	14.16	200	91	Vertical
12	9790.5	39.92	42.66	2.74	54.00	11.34	200	223	Vertical

Mode: 2DH5  
 Lowest Frequency (2402MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1248.8	59.48	37.53	-21.95	74.00	36.47	100	109	Horizontal
2	2349.8	63.50	43.22	-20.28	74.00	30.78	100	300	Horizontal
3	3603	56.82	40.93	-15.89	74.00	33.07	200	289	Horizontal
4	4803	55.66	43.62	-12.04	74.00	30.38	100	259	Horizontal
5	7935	52.20	50.26	-1.94	74.00	23.74	100	259	Horizontal
6	10525.5	50.07	53.41	3.34	74.00	20.59	200	0	Horizontal
7	1250.4	48.58	26.68	-21.90	54.00	27.32	200	69	Horizontal
8	2350	56.30	36.02	-20.28	54.00	17.98	100	300	Horizontal
9	3604.5	47.39	31.45	-15.94	54.00	22.55	200	235	Horizontal
10	4806	46.19	34.11	-12.08	54.00	19.89	100	287	Horizontal
11	7972.5	42.03	39.99	-2.04	54.00	14.01	200	235	Horizontal
12	10698	38.78	42.68	3.90	54.00	11.32	100	156	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413	60.36	38.74	-21.62	74.00	35.26	100	191	Vertical
2	2065.2	59.09	39.15	-19.94	74.00	34.85	200	295	Vertical
3	3610.5	57.11	41.45	-15.66	74.00	32.55	200	41	Vertical
4	4804.5	57.18	44.83	-12.35	74.00	29.17	100	293	Vertical
5	8179.5	52.14	51.10	-1.04	74.00	22.90	200	344	Vertical
6	10704	49.61	53.98	4.37	74.00	20.02	100	280	Vertical
7	1407.4	48.35	26.78	-21.57	54.00	27.22	200	154	Vertical
8	2051.2	47.63	27.93	-19.70	54.00	26.07	200	166	Vertical
9	3604.5	46.56	31.05	-15.51	54.00	22.95	200	0	Vertical
10	4806	47.59	35.22	-12.37	54.00	18.78	100	1	Vertical
11	8185.5	41.21	40.22	-0.99	54.00	13.78	200	344	Vertical
12	10699.5	38.41	42.82	4.41	54.00	11.18	100	157	Vertical

Mode: 2DH5  
 Middle Frequency (2441MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1249.4	59.89	37.96	-21.93	74.00	36.04	100	311	Horizontal
2	1894	59.00	37.90	-21.10	74.00	36.10	100	76	Horizontal
3	3603	56.24	40.35	-15.89	74.00	33.65	100	246	Horizontal
4	6019.5	54.38	45.41	-8.97	74.00	28.59	100	317	Horizontal
5	8817	51.53	51.07	-0.46	74.00	22.93	200	90	Horizontal
6	10740	50.18	53.88	3.70	74.00	20.12	100	48	Horizontal
7	1253	48.64	26.68	-21.96	54.00	27.32	100	157	Horizontal
8	1895.2	48.62	27.54	-21.08	54.00	26.46	100	296	Horizontal
9	3663	48.41	31.03	-17.38	54.00	22.97	100	277	Horizontal
10	5908.5	44.03	34.96	-9.07	54.00	19.04	100	186	Horizontal
11	8892	40.58	40.96	0.38	54.00	13.04	100	145	Horizontal
12	10678.5	38.92	42.59	3.67	54.00	11.41	200	37	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1076.2	60.82	38.21	-22.61	74.00	35.79	200	202	Vertical
2	1389.4	59.69	38.07	-21.62	74.00	35.93	100	157	Vertical
3	2275.2	59.15	40.30	-18.85	74.00	33.70	200	358	Vertical
4	3604.5	57.06	41.55	-15.51	74.00	32.45	200	343	Vertical
5	5089.5	55.96	43.98	-11.98	74.00	30.02	200	315	Vertical
6	8181	52.60	51.58	-1.02	74.00	22.42	100	171	Vertical
7	1090	49.14	26.74	-22.40	54.00	27.26	200	347	Vertical
8	1404.6	48.38	26.82	-21.56	54.00	27.18	200	54	Vertical
9	2235.6	47.76	28.60	-19.16	54.00	25.40	200	335	Vertical
10	3606	46.03	30.49	-15.54	54.00	23.51	100	222	Vertical
11	5194.5	44.79	33.76	-11.03	54.00	20.24	200	103	Vertical
12	8437.5	41.33	40.23	-1.10	54.00	13.77	200	185	Vertical

Mode: 2DH5  
 Highest Frequency (2480MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1248	59.55	37.57	-21.98	74.00	36.43	100	16	Horizontal
2	2531.6	65.64	47.09	-18.55	74.00	26.91	100	302	Horizontal
3	3604.5	57.38	41.44	-15.94	74.00	32.56	200	128	Horizontal
4	6037.5	54.62	45.73	-8.89	74.00	28.27	200	345	Horizontal
5	8692.5	52.03	50.93	-1.10	74.00	23.07	200	21	Horizontal
6	10675.5	50.17	53.80	3.63	74.00	20.20	100	273	Horizontal
7	1248.2	48.46	26.48	-21.98	54.00	27.52	100	101	Horizontal
8	2532	59.42	40.87	-18.55	54.00	13.13	100	302	Horizontal
9	3607.5	46.28	30.25	-16.03	54.00	23.75	100	139	Horizontal
10	6007.5	44.24	35.22	-9.02	54.00	18.78	100	258	Horizontal
11	8773.5	40.74	39.96	-0.78	54.00	14.04	200	48	Horizontal
12	10698	38.52	42.42	3.90	54.00	11.58	100	153	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1452.6	59.75	37.79	-21.96	74.00	36.21	200	335	Vertical
2	2074.4	58.59	38.49	-20.10	74.00	35.51	100	243	Vertical
3	2698.8	58.16	40.88	-17.28	74.00	33.12	100	41	Vertical
4	5043	55.03	43.84	-11.19	74.00	30.16	200	253	Vertical
5	7198.5	53.64	50.55	-3.09	74.00	23.45	200	116	Vertical
6	9831	51.16	53.76	2.60	74.00	20.24	100	268	Vertical
7	1358.4	48.68	26.78	-21.90	54.00	27.22	100	230	Vertical
8	2041	47.69	27.86	-19.83	54.00	26.14	100	204	Vertical
9	2532.4	51.44	31.99	-19.45	54.00	22.01	200	191	Vertical
10	4962	45.31	33.77	-11.54	54.00	20.23	100	91	Vertical
11	7287	42.04	39.41	-2.63	54.00	14.59	100	65	Vertical
12	9781.5	39.42	42.10	2.68	54.00	11.90	200	25	Vertical

Mode: 3DH5  
 Lowest Frequency (2402MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2349.6	62.31	42.04	-20.27	74.00	31.96	100	59	Horizontal
2	3613.5	57.07	40.86	-16.21	74.00	33.14	200	288	Horizontal
3	4807.5	55.94	43.84	-12.10	74.00	30.16	100	142	Horizontal
4	8521.5	53.37	51.93	-1.44	74.00	22.07	100	60	Horizontal
5	10555.5	49.78	53.54	3.76	74.00	20.46	100	233	Horizontal
6	14544	47.79	53.34	5.55	74.00	20.66	200	117	Horizontal
7	2350	54.40	34.12	-20.28	54.00	19.88	100	44	Horizontal
8	3604.5	47.50	31.56	-15.94	54.00	22.44	200	259	Horizontal
9	4806	47.17	35.09	-12.08	54.00	18.91	100	206	Horizontal
10	8428.5	41.15	39.72	-1.43	54.00	14.28	200	91	Horizontal
11	10680	38.97	42.66	3.69	54.00	11.34	100	46	Horizontal
12	14595	37.09	42.80	5.71	54.00	11.20	200	259	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1404.2	59.28	37.73	-21.55	74.00	36.27	100	206	Vertical
2	2069.2	58.82	38.81	-20.01	74.00	35.19	100	206	Vertical
3	3603	56.74	41.27	-15.47	74.00	32.73	200	269	Vertical
4	5200.5	55.24	44.20	-11.04	74.00	29.80	100	38	Vertical
5	7266	53.99	51.10	-2.89	74.00	22.90	100	77	Vertical
6	10680	49.63	53.60	3.97	74.00	20.40	100	319	Vertical
7	1424	48.79	27.10	-21.69	54.00	26.90	200	110	Vertical
8	2052	47.64	27.93	-19.71	54.00	26.07	100	84	Vertical
9	3613.5	46.41	30.68	-15.73	54.00	23.32	200	16	Vertical
10	4806	46.70	34.33	-12.37	54.00	19.67	100	344	Vertical
11	7291.5	42.34	39.77	-2.57	54.00	14.23	200	243	Vertical
12	10686	38.90	43.01	4.11	54.00	10.99	100	344	Vertical

Mode: 3DH5  
 Middle Frequency (2441MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1265.4	60.46	38.30	-22.16	74.00	35.70	200	83	Horizontal
2	2000	60.36	39.19	-21.17	74.00	34.81	100	16	Horizontal
3	3612	56.92	40.75	-16.17	74.00	33.25	200	214	Horizontal
4	5053.5	55.42	44.31	-11.11	74.00	29.69	200	321	Horizontal
5	7393.5	53.41	50.69	-2.72	74.00	23.31	100	78	Horizontal
6	9867	50.76	53.41	2.65	74.00	20.59	100	1	Horizontal
7	1250.6	48.61	26.70	-21.91	54.00	27.30	100	121	Horizontal
8	1999.2	47.66	26.49	-21.17	54.00	27.51	100	332	Horizontal
9	3663	48.40	31.02	-17.38	54.00	22.98	100	319	Horizontal
10	5062.5	44.70	33.41	-11.29	54.00	20.59	100	254	Horizontal
11	7378.5	41.96	38.92	-3.04	54.00	15.08	200	308	Horizontal
12	10033.5	39.51	42.21	2.70	54.00	11.79	200	28	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1074.6	60.95	38.31	-22.64	74.00	35.69	200	360	Vertical
2	2063.2	58.94	39.03	-19.91	74.00	34.97	100	96	Vertical
3	2997	57.88	41.49	-16.39	74.00	32.51	100	246	Vertical
4	4692	56.86	43.74	-13.12	74.00	30.26	100	184	Vertical
5	6388.5	55.15	47.59	-7.56	74.00	26.41	100	261	Vertical
6	9423	49.92	51.92	2.00	74.00	22.08	200	64	Vertical
7	1089.6	49.07	26.66	-22.41	54.00	27.34	200	28	Vertical
8	2039	47.59	27.74	-19.85	54.00	26.26	200	158	Vertical
9	3000	46.52	30.18	-16.34	54.00	23.82	100	338	Vertical
10	4653	45.24	33.18	-12.06	54.00	20.82	100	63	Vertical
11	6186	43.41	35.28	-8.13	54.00	18.72	100	275	Vertical
12	9433.5	39.81	41.78	1.97	54.00	12.22	100	145	Vertical



Mode: 3DH5  
 Highest Frequency (2480MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1266.4	59.81	37.62	-22.19	74.00	36.38	200	193	Horizontal
2	2531.6	65.88	47.33	-18.55	74.00	26.67	100	120	Horizontal
3	3600	57.08	41.28	-15.80	74.00	32.72	200	13	Horizontal
4	5211	55.28	43.77	-11.51	74.00	30.23	100	13	Horizontal
5	8763	52.42	51.59	-0.83	74.00	22.41	100	92	Horizontal
6	10666.5	49.97	53.50	3.53	74.00	20.50	100	131	Horizontal
7	1250	48.32	26.42	-21.90	54.00	27.58	100	16	Horizontal
8	2532.2	60.09	41.54	-18.55	54.00	12.46	100	105	Horizontal
9	3606	46.09	30.11	-15.98	54.00	23.89	200	41	Horizontal
10	4962	45.43	33.57	-11.86	54.00	20.43	200	174	Horizontal
11	8895	40.40	40.81	0.41	54.00	13.19	100	254	Horizontal
12	10683	39.13	42.86	3.73	54.00	11.14	200	331	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1117	60.41	37.59	-22.82	74.00	36.41	200	299	Vertical
2	1704.8	59.38	37.99	-21.39	74.00	36.01	200	351	Vertical
3	2705.4	58.24	40.90	-17.34	74.00	33.10	100	298	Vertical
4	4960.5	55.67	44.15	-11.52	74.00	29.85	100	24	Vertical
5	9421.5	50.60	52.61	2.01	74.00	21.39	200	248	Vertical
6	14544	48.07	53.08	5.01	74.00	20.92	200	144	Vertical
7	1090	49.03	26.63	-22.40	54.00	27.37	100	339	Vertical
8	1712	48.05	26.60	-21.45	54.00	27.40	100	326	Vertical
9	2691	47.23	29.87	-17.36	54.00	24.13	200	31	Vertical
10	4962	45.16	33.62	-11.54	54.00	20.38	100	9	Vertical
11	9430.5	39.86	41.84	1.98	54.00	12.16	200	317	Vertical
12	14761.5	36.53	42.33	5.80	54.00	11.67	200	35	Vertical

**Remark:**

- 1 Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2 Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
- 3 Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.

- 4 Spectrum setting:
- a. Peak Setting 1GHz–26.5GHz, RBW = 1MHz, VBW = 1MHz, Sweep time = auto.
  - b. AV Setting 1GHz–26.5GHz, Set RBW=1MHz, if the EUT is configured to transmit with duty cycle  $\geq 98\%$  , set  $VBW \leq RBW/100$  (i.e.,10kHz) but not less than 10 Hz. if the EUT duty cycle is  $< 98\%$  , set  $VBW \geq 1/T$ , Where T is defined in section 2.8.

**Test result: The unit does meet the requirements.**

----- The following blanks -----

**Right earbuds****Above 1GHz to 18GHz**

Mode: DH5

Lowest Frequency (2402MHz)

Environment: 25.0°C/60%RH

Test Engineer: Zhang Zishan

Date: 2022-10-14

Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1264.6	59.70	37.54	-22.16	74.00	36.46	200	42	Horizontal
2	2350.2	68.79	48.51	-20.28	74.00	25.49	100	98	Horizontal
3	3603	57.00	41.11	-15.89	74.00	32.89	200	275	Horizontal
4	4803	57.28	45.24	-12.04	74.00	28.76	200	320	Horizontal
5	8886	51.39	51.70	0.31	74.00	22.30	100	265	Horizontal
6	10665	49.78	53.29	3.51	74.00	20.71	100	346	Horizontal
7	1248.2	48.52	26.54	-21.98	54.00	27.46	100	285	Horizontal
8	2350	61.18	40.90	-20.28	54.00	13.10	100	272	Horizontal
9	3604.5	48.30	32.36	-15.94	54.00	21.64	200	275	Horizontal
10	4806	49.50	37.42	-12.08	54.00	16.58	100	304	Horizontal
11	8893.5	40.83	41.23	0.40	54.00	12.77	100	185	Horizontal
12	10695	38.88	42.74	3.86	54.00	11.26	200	53	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1059.8	60.69	37.83	-22.86	74.00	36.17	100	212	Vertical
2	2350.2	60.95	42.37	-18.58	74.00	31.63	200	45	Vertical
3	2939.2	58.78	41.31	-17.47	74.00	32.69	200	149	Vertical
4	4804.5	56.23	43.88	-12.35	74.00	30.12	100	346	Vertical
5	9337.5	50.62	51.92	1.30	74.00	22.08	100	305	Vertical
6	10632	51.19	54.31	3.12	74.00	19.69	100	52	Vertical
7	1073.6	49.47	26.82	-22.65	54.00	27.18	200	347	Vertical
8	2350.2	52.97	34.39	-18.58	54.00	19.61	200	16	Vertical
9	2965.6	47.09	30.21	-16.88	54.00	23.79	100	56	Vertical
10	4806	48.66	36.29	-12.37	54.00	17.71	100	330	Vertical
11	8839.5	41.22	41.22	0.00	54.00	12.78	100	67	Vertical
12	10701	38.66	43.07	4.41	54.00	10.93	100	330	Vertical

Mode: DH5  
 Middle Frequency (2441MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1218.4	60.56	37.38	-23.18	74.00	36.62	200	98	Horizontal
2	2369.8	63.24	43.07	-20.17	74.00	30.93	100	105	Horizontal
3	3612	57.31	41.14	-16.17	74.00	32.86	100	317	Horizontal
4	4654.5	56.92	44.74	-12.18	74.00	29.26	100	262	Horizontal
5	8430	52.04	50.62	-1.42	74.00	23.38	200	12	Horizontal
6	10621.5	50.12	53.50	3.38	74.00	20.50	100	112	Horizontal
7	1248.6	48.89	26.94	-21.95	54.00	27.06	100	16	Horizontal
8	2363	52.83	32.62	-20.21	54.00	21.38	100	75	Horizontal
9	3663	48.90	31.52	-17.38	54.00	22.48	100	126	Horizontal
10	4884	48.37	35.18	-13.19	54.00	18.82	100	317	Horizontal
11	8176.5	41.43	39.77	-1.66	54.00	14.23	200	154	Horizontal
12	10684.5	38.75	42.49	3.74	54.00	11.51	100	16	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1071.8	60.47	37.79	-22.68	74.00	36.21	100	185	Vertical
2	2350.2	58.95	40.37	-18.58	74.00	33.63	100	157	Vertical
3	2823	58.80	40.98	-17.82	74.00	33.02	100	79	Vertical
4	4648.5	56.97	44.96	-12.01	74.00	29.04	100	305	Vertical
5	7510.5	52.45	50.35	-2.10	74.00	23.65	200	64	Vertical
6	10548	49.89	53.31	3.42	74.00	20.69	200	237	Vertical
7	1089.6	49.04	26.63	-22.41	54.00	27.37	200	120	Vertical
8	2283	47.55	28.81	-18.74	54.00	25.19	100	214	Vertical
9	2977.8	46.88	30.19	-16.69	54.00	23.81	200	271	Vertical
10	4650	45.06	33.08	-11.98	54.00	20.92	100	161	Vertical
11	7276.5	42.44	39.69	-2.75	54.00	14.31	100	345	Vertical
12	10699.5	38.41	42.82	4.41	54.00	11.18	100	94	Vertical

Mode: DH5  
 Highest Frequency (2480MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1248.2	59.10	37.12	-21.98	74.00	36.88	200	360	Horizontal
2	2532.2	64.36	45.81	-18.55	74.00	28.19	100	330	Horizontal
3	3619.5	57.15	40.75	-16.40	74.00	33.25	200	11	Horizontal
4	4960.5	56.70	44.86	-11.84	74.00	29.14	100	17	Horizontal
5	8775	52.18	51.41	-0.77	74.00	22.59	200	103	Horizontal
6	10791	50.19	53.78	3.59	74.00	20.22	200	182	Horizontal
7	1265.4	48.82	26.66	-22.16	54.00	27.34	100	143	Horizontal
8	2532.2	58.22	39.67	-18.55	54.00	14.33	100	330	Horizontal
9	3721.5	49.00	31.84	-17.16	54.00	22.16	100	227	Horizontal
10	4962	49.73	37.87	-11.86	54.00	16.13	200	319	Horizontal
11	8440.5	41.11	39.72	-1.39	54.00	14.28	200	142	Horizontal
12	10693.5	38.76	42.61	3.85	54.00	11.39	200	116	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1422.6	59.63	37.95	-21.68	74.00	36.05	200	203	Vertical
2	2187	58.84	39.38	-19.46	74.00	34.62	100	280	Vertical
3	3606	57.91	42.37	-15.54	74.00	31.63	100	227	Vertical
4	4645.5	56.26	44.18	-12.08	74.00	29.82	100	122	Vertical
5	8899.5	51.17	51.44	0.27	74.00	22.56	200	251	Vertical
6	10729.5	50.01	54.09	4.08	74.00	19.91	200	13	Vertical
7	1392	48.46	26.86	-21.60	54.00	27.14	100	320	Vertical
8	2051.2	47.47	27.77	-19.70	54.00	26.23	100	67	Vertical
9	3616.5	46.08	30.28	-15.80	54.00	23.72	200	145	Vertical
10	4663.5	45.26	32.91	-12.35	54.00	21.09	100	175	Vertical
11	8178	41.38	40.33	-1.05	54.00	13.67	200	251	Vertical
12	10702.5	38.40	42.79	4.39	54.00	11.21	100	291	Vertical

Mode: 2DH5  
 Lowest Frequency (2402MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1228	59.44	36.65	-22.79	74.00	37.35	100	312	Horizontal
2	2349.8	66.76	46.48	-20.28	74.00	27.52	100	58	Horizontal
3	3606	56.78	40.80	-15.98	74.00	33.20	100	47	Horizontal
4	4804.5	56.45	44.39	-12.06	74.00	29.61	100	313	Horizontal
5	7659	53.68	50.77	-2.91	74.00	23.23	100	257	Horizontal
6	10755	49.73	53.37	3.64	74.00	20.63	200	105	Horizontal
7	1248.2	48.67	26.69	-21.98	54.00	27.31	100	209	Horizontal
8	2350.4	58.51	38.23	-20.28	54.00	15.77	100	251	Horizontal
9	3604.5	47.53	31.59	-15.94	54.00	22.41	200	266	Horizontal
10	4806	47.61	35.53	-12.08	54.00	18.47	100	327	Horizontal
11	7939.5	41.43	39.52	-1.91	54.00	14.48	200	293	Horizontal
12	10750.5	39.12	42.77	3.65	54.00	11.23	100	201	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1087.8	60.14	37.70	-22.44	74.00	36.30	200	81	Vertical
2	1731.8	59.09	37.48	-21.61	74.00	36.52	100	16	Vertical
3	2349.8	61.01	42.43	-18.58	74.00	31.57	200	359	Vertical
4	3612	57.54	41.84	-15.70	74.00	32.16	100	74	Vertical
5	7254	53.57	50.53	-3.04	74.00	23.47	100	198	Vertical
6	10692	49.58	53.82	4.24	74.00	20.18	200	344	Vertical
7	1072.2	49.13	26.46	-22.67	54.00	27.54	100	106	Vertical
8	1709.4	47.82	26.39	-21.43	54.00	27.61	200	192	Vertical
9	2350.2	52.44	33.86	-18.58	54.00	20.14	200	15	Vertical
10	3616.5	46.43	30.63	-15.80	54.00	23.37	100	330	Vertical
11	7285.5	42.53	39.89	-2.64	54.00	14.11	100	224	Vertical
12	10707	38.56	42.90	4.34	54.00	11.10	200	105	Vertical

Mode: 2DH5  
 Middle Frequency (2441MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1259.8	59.72	37.65	-22.07	74.00	36.35	100	331	Horizontal
2	2370.2	62.22	42.05	-20.17	74.00	31.95	100	73	Horizontal
3	2843.4	57.97	41.53	-16.44	74.00	32.47	100	174	Horizontal
4	4672.5	56.03	43.43	-12.60	74.00	30.57	200	0	Horizontal
5	8115	52.38	50.50	-1.88	74.00	23.50	200	345	Horizontal
6	9835.5	51.04	53.76	2.72	74.00	20.24	200	92	Horizontal
7	1262.4	48.82	26.71	-22.11	54.00	27.29	100	116	Horizontal
8	2368.8	52.23	32.06	-20.17	54.00	21.94	100	90	Horizontal
9	2842	47.07	30.60	-16.47	54.00	23.40	100	250	Horizontal
10	4650	45.16	33.08	-12.08	54.00	20.92	100	208	Horizontal
11	8181	41.57	39.99	-1.58	54.00	14.01	200	210	Horizontal
12	9795	39.62	42.16	2.54	54.00	11.84	200	248	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1375.8	59.84	38.10	-21.74	74.00	35.90	200	270	Vertical
2	2317.4	58.58	40.05	-18.53	74.00	33.95	100	189	Vertical
3	2992.6	57.79	41.34	-16.45	74.00	32.66	200	69	Vertical
4	5191.5	55.23	44.19	-11.04	74.00	29.81	100	40	Vertical
5	8181	51.65	50.63	-1.02	74.00	23.37	100	160	Vertical
6	9793.5	50.98	53.74	2.76	74.00	20.26	200	3	Vertical
7	1420	48.50	26.84	-21.66	54.00	27.16	100	215	Vertical
8	2287.6	47.50	28.83	-18.67	54.00	25.17	100	163	Vertical
9	2970.6	47.45	30.65	-16.80	54.00	23.35	200	69	Vertical
10	5196	44.76	33.73	-11.03	54.00	20.27	100	78	Vertical
11	8187	41.39	40.41	-0.98	54.00	13.59	100	104	Vertical
12	9771	39.54	42.15	2.61	54.00	11.85	200	255	Vertical

Mode: 2DH5  
 Highest Frequency (2480MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1284.6	60.45	37.95	-22.50	74.00	36.05	100	231	Horizontal
2	2532.4	63.65	45.10	-18.55	74.00	28.90	100	105	Horizontal
3	3598.5	56.76	40.93	-15.83	74.00	33.07	200	146	Horizontal
4	4960.5	56.66	44.82	-11.84	74.00	29.18	100	316	Horizontal
5	9952.5	51.67	54.06	2.39	74.00	19.94	200	173	Horizontal
6	1267.2	48.79	26.59	-22.20	54.00	27.41	100	258	Horizontal
7	2240.6	48.03	29.55	-18.48	54.00	24.45	200	94	Horizontal
8	2532	56.26	37.71	-18.55	54.00	16.29	100	105	Horizontal
9	3721.5	49.23	32.07	-17.16	54.00	21.93	200	105	Horizontal
10	4962	47.70	35.84	-11.86	54.00	18.16	100	331	Horizontal
11	9814.5	39.41	42.07	2.66	54.00	11.93	200	199	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1411.4	59.85	38.25	-21.60	74.00	35.75	100	164	Vertical
2	2206	58.19	39.17	-19.02	74.00	34.83	200	227	Vertical
3	2996.4	57.82	41.42	-16.40	74.00	32.58	200	240	Vertical
4	4980	55.85	44.06	-11.79	74.00	29.94	100	345	Vertical
5	7252.5	53.87	50.81	-3.06	74.00	23.19	200	65	Vertical
6	10771.5	50.39	54.08	3.69	74.00	19.92	100	66	Vertical
7	1389.4	48.82	27.20	-21.62	54.00	26.80	200	299	Vertical
8	2299	47.35	28.84	-18.51	54.00	25.16	100	150	Vertical
9	2989	46.98	30.47	-16.51	54.00	23.53	100	14	Vertical
10	4962	46.51	34.97	-11.54	54.00	19.03	100	195	Vertical
11	7560	42.20	40.08	-2.12	54.00	13.92	200	251	Vertical
12	10689	38.82	42.99	4.17	54.00	11.01	100	224	Vertical



Mode: 3DH5  
 Lowest Frequency (2402MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1243.4	59.93	37.76	-22.17	74.00	36.24	100	309	Horizontal
2	2350.2	66.32	46.04	-20.28	74.00	27.96	100	85	Horizontal
3	3603	56.92	41.03	-15.89	74.00	32.97	100	98	Horizontal
4	4804.5	55.51	43.45	-12.06	74.00	30.55	100	306	Horizontal
5	8845.5	51.44	51.31	-0.13	74.00	22.69	100	345	Horizontal
6	10525.5	50.12	53.46	3.34	74.00	20.54	200	345	Horizontal
7	1270	48.93	26.69	-22.24	54.00	27.31	200	181	Horizontal
8	2350.2	59.90	39.62	-20.28	54.00	14.38	100	101	Horizontal
9	3604.5	47.56	31.62	-15.94	54.00	22.38	100	293	Horizontal
10	4806	45.88	33.80	-12.08	54.00	20.20	100	306	Horizontal
11	8895	40.25	40.66	0.41	54.00	13.34	100	73	Horizontal
12	10557	38.99	42.74	3.75	54.00	11.26	100	0	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1388.4	60.27	38.65	-21.62	74.00	35.35	100	218	Vertical
2	2352.8	59.58	40.97	-18.61	74.00	33.03	200	68	Vertical
3	4324.5	56.63	42.73	-13.90	74.00	31.27	100	252	Vertical
4	7539	53.00	50.98	-2.02	74.00	23.02	100	142	Vertical
5	10401	50.12	53.70	3.58	74.00	20.30	100	36	Vertical
6	14581.5	48.05	53.16	5.11	74.00	20.84	100	170	Vertical
7	1370.8	48.82	27.03	-21.79	54.00	26.97	100	218	Vertical
8	2350.4	51.87	33.29	-18.58	54.00	20.71	200	15	Vertical
9	4315.5	45.48	31.52	-13.96	54.00	22.48	100	102	Vertical
10	7512	41.66	39.56	-2.10	54.00	14.44	100	129	Vertical
11	10402.5	38.65	42.24	3.59	54.00	11.76	100	36	Vertical
12	14736	36.53	42.21	5.68	54.00	11.79	100	142	Vertical

Mode: 3DH5  
 Middle Frequency (2441MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1250.4	59.42	37.52	-21.90	74.00	36.48	200	254	Horizontal
2	2057.4	59.57	38.75	-20.82	74.00	35.25	100	179	Horizontal
3	3201	57.66	41.41	-16.25	74.00	32.59	100	224	Horizontal
4	4821	56.86	44.57	-12.29	74.00	29.43	100	168	Horizontal
5	8191.5	52.49	51.09	-1.40	74.00	22.91	200	158	Horizontal
6	10555.5	49.78	53.54	3.76	74.00	20.46	100	210	Horizontal
7	1261.8	48.64	26.54	-22.10	54.00	27.46	200	243	Horizontal
8	2067	47.75	26.87	-20.88	54.00	27.13	100	153	Horizontal
9	3663	48.52	31.14	-17.38	54.00	22.86	200	294	Horizontal
10	5061	44.89	33.62	-11.27	54.00	20.38	200	332	Horizontal
11	7924.5	41.65	39.64	-2.01	54.00	14.36	100	210	Horizontal
12	10704	38.77	42.67	3.90	54.00	11.33	100	116	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1407.6	59.50	37.93	-21.57	74.00	36.07	200	296	Vertical
2	2252.4	59.07	39.88	-19.19	74.00	34.12	200	199	Vertical
3	2967.6	58.82	41.97	-16.85	74.00	32.03	100	282	Vertical
4	5919	55.13	46.08	-9.05	74.00	27.92	200	0	Vertical
5	8197.5	52.79	51.91	-0.88	74.00	22.09	100	104	Vertical
6	10750.5	50.28	54.13	3.85	74.00	19.87	200	131	Vertical
7	1403.2	48.66	27.12	-21.54	54.00	26.88	200	106	Vertical
8	2235	47.58	28.43	-19.15	54.00	25.57	200	296	Vertical
9	2987.6	46.73	30.20	-16.53	54.00	23.80	200	186	Vertical
10	5935.5	44.17	34.93	-9.24	54.00	19.07	100	118	Vertical
11	8187	41.22	40.24	-0.98	54.00	13.76	100	77	Vertical
12	10699.5	38.54	42.95	4.41	54.00	11.05	200	0	Vertical

Mode: 3DH5  
 Highest Frequency (2480MHz)  
 Environment: 25.0°C/60%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-14  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1260.4	59.26	37.19	-22.07	74.00	36.81	100	172	Horizontal
2	2516.2	62.75	44.14	-18.61	74.00	29.86	100	284	Horizontal
3	3604.5	56.99	41.05	-15.94	74.00	32.95	200	90	Horizontal
4	5197.5	55.79	44.67	-11.12	74.00	29.33	200	77	Horizontal
5	8896.5	51.09	51.52	0.43	74.00	22.48	100	330	Horizontal
6	10587	50.58	54.09	3.51	74.00	19.91	100	74	Horizontal
7	1249.6	48.39	26.48	-21.91	54.00	27.52	100	119	Horizontal
8	2531.8	55.54	36.99	-18.55	54.00	17.01	100	270	Horizontal
9	3721.5	49.04	31.88	-17.16	54.00	22.12	200	130	Horizontal
10	4962	46.76	34.90	-11.86	54.00	19.10	200	318	Horizontal
11	9253.5	40.08	41.16	1.08	54.00	12.84	100	21	Horizontal
12	10695	38.70	42.56	3.86	54.00	11.44	100	138	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1096.2	59.58	37.28	-22.30	74.00	36.72	100	143	Vertical
2	2047.4	59.79	40.07	-19.72	74.00	33.93	200	359	Vertical
3	3630	57.09	40.95	-16.14	74.00	33.05	200	265	Vertical
4	4960.5	56.54	45.02	-11.52	74.00	28.98	200	238	Vertical
5	7536	53.02	50.98	-2.04	74.00	23.02	200	118	Vertical
6	11011.5	49.86	54.14	4.28	74.00	19.86	100	50	Vertical
7	1092.8	48.75	26.39	-22.36	54.00	27.61	200	17	Vertical
8	2050.2	47.36	27.68	-19.68	54.00	26.32	100	118	Vertical
9	3612	46.12	30.42	-15.70	54.00	23.58	100	23	Vertical
10	4962	46.07	34.53	-11.54	54.00	19.47	100	187	Vertical
11	7549.5	41.72	39.72	-2.00	54.00	14.28	200	147	Vertical
12	10692	38.66	42.90	4.24	54.00	11.10	100	158	Vertical

**Remark:**

- 1 Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2 Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
- 3 Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.

- 4 Spectrum setting:
- a. Peak Setting 1GHz–26.5GHz, RBW = 1MHz, VBW = 1MHz, Sweep time = auto.
  - b. AV Setting 1GHz–26.5GHz, Set RBW=1MHz, if the EUT is configured to transmit with duty cycle  $\geq 98\%$  , set  $VBW \leq RBW/100$  (i.e.,10kHz) but not less than 10 Hz. if the EUT duty cycle is  $< 98\%$  , set  $VBW \geq 1/T$ , Where T is defined in section 2.8.

**Test result: The unit does meet the requirements.**

----- The following blanks -----

**Left earbuds****18GHz to 26.5GHz**

According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

Mode: DH5

Lowest Frequency (2402MHz)

Environment: 25.3°C/54%RH

Test Engineer: Zhang Zishan

Date: 2022-10-18

Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18469.625	51.92	39.68	-12.24	83.54	43.86	150	343	Horizontal
2	18830.025	52.14	40.23	-11.91	83.54	43.31	150	183	Horizontal
3	19646.875	51.66	40.38	-11.28	83.54	43.16	150	135	Horizontal
4	21197.7	50.61	40.55	-10.06	83.54	42.99	150	152	Horizontal
5	22598.075	48.25	39.23	-9.02	83.54	44.31	150	102	Horizontal
6	23458.7	44.02	35.31	-8.71	83.54	48.23	150	263	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18415.225	52.61	40.39	-12.22	83.54	43.15	150	273	Vertical
2	19468.8	52.06	40.61	-11.45	83.54	42.93	150	161	Vertical
3	21133.1	50.58	40.60	-9.98	83.54	42.94	150	241	Vertical
4	22583.2	46.87	37.83	-9.04	83.54	45.71	150	79	Vertical
5	23361.8	45.37	36.75	-8.62	83.54	46.79	150	96	Vertical
6	24865.45	42.41	35.08	-7.33	83.54	48.46	150	14	Vertical

Mode: DH5  
 Middle Frequency (2441MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18786.675	51.74	39.81	-11.93	83.54	43.73	150	88	Horizontal
2	19577.175	51.90	40.56	-11.34	83.54	42.98	150	135	Horizontal
3	20321.35	50.64	39.92	-10.72	83.54	43.62	150	312	Horizontal
4	21132.675	49.85	39.77	-10.08	83.54	43.77	150	38	Horizontal
5	21952.925	47.46	37.69	-9.77	83.54	45.85	150	135	Horizontal
6	22587.025	46.64	37.60	-9.04	83.54	45.94	150	7	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18501.075	51.64	39.52	-12.12	83.54	44.02	150	15	Vertical
2	18875.5	52.30	40.42	-11.88	83.54	43.12	150	161	Vertical
3	19522.35	51.96	40.57	-11.39	83.54	42.97	150	145	Vertical
4	20071.025	50.84	39.95	-10.89	83.54	43.59	150	274	Vertical
5	20412.725	50.14	39.65	-10.49	83.54	43.89	150	15	Vertical
6	21115.675	50.48	40.50	-9.98	83.54	43.04	150	274	Vertical

Mode: DH5  
 Highest Frequency (2480MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18343.4	52.13	39.82	-12.31	83.54	43.72	150	343	Horizontal
2	19186.175	51.11	39.44	-11.67	83.54	44.10	150	343	Horizontal
3	19554.225	52.11	40.75	-11.36	83.54	42.79	150	168	Horizontal
4	20207.875	50.87	40.01	-10.86	83.54	43.53	150	72	Horizontal
5	21122.9	50.16	40.08	-10.08	83.54	43.46	150	343	Horizontal
6	21842.85	47.70	37.93	-9.77	83.54	45.61	150	39	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18514.675	52.56	40.45	-12.11	83.54	43.09	150	175	Vertical
2	18822.375	52.39	40.48	-11.91	83.54	43.06	150	272	Vertical
3	19449.675	52.47	41.01	-11.46	83.54	42.53	150	352	Vertical
4	19756.525	51.54	40.43	-11.11	83.54	43.11	150	352	Vertical
5	20547.45	49.92	39.59	-10.33	83.54	43.95	150	192	Vertical
6	21103.775	50.01	40.03	-9.98	83.54	43.51	150	47	Vertical

Mode: 2DH5  
 Lowest Frequency (2402MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18665.55	51.81	39.77	-12.04	83.54	43.77	150	216	Horizontal
2	19404.2	51.59	40.10	-11.49	83.54	43.44	150	295	Horizontal
3	20230.4	51.05	40.21	-10.84	83.54	43.33	150	263	Horizontal
4	21153.075	49.78	39.71	-10.07	83.54	43.83	150	295	Horizontal
5	21985.225	47.63	37.86	-9.77	83.54	45.68	150	8	Horizontal
6	23353.3	44.83	36.11	-8.72	83.54	47.43	150	247	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18470.475	52.03	39.88	-12.15	83.54	43.66	150	64	Vertical
2	19236.75	51.79	40.17	-11.62	83.54	43.37	150	64	Vertical
3	20520.675	51.50	41.14	-10.36	83.54	42.40	150	17	Vertical
4	21220.65	49.81	39.87	-9.94	83.54	43.67	150	212	Vertical
5	22597.65	46.62	37.60	-9.02	83.54	45.94	150	131	Vertical
6	23767.25	43.70	35.19	-8.51	83.54	48.35	150	309	Vertical



Mode: 2DH5  
 Middle Frequency (2441MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18498.1	52.68	40.46	-12.22	83.54	43.08	150	135	Horizontal
2	19580.575	52.16	40.83	-11.33	83.54	42.71	150	102	Horizontal
3	20255.9	51.01	40.20	-10.81	83.54	43.34	150	6	Horizontal
4	21137.35	50.30	40.23	-10.07	83.54	43.31	150	232	Horizontal
5	21893	49.36	39.59	-9.77	83.54	43.95	150	72	Horizontal
6	22598.075	46.90	37.88	-9.02	83.54	45.66	150	216	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18496.825	52.23	40.11	-12.12	83.54	43.43	150	257	Vertical
2	19226.55	51.36	39.73	-11.63	83.54	43.81	150	292	Vertical
3	20082.925	51.09	40.21	-10.88	83.54	43.33	150	306	Vertical
4	20537.25	50.04	39.69	-10.35	83.54	43.85	150	96	Vertical
5	21130.125	50.32	40.34	-9.98	83.54	43.20	150	161	Vertical
6	21905.75	47.95	38.28	-9.67	83.54	45.26	150	15	Vertical

Mode: 2DH5  
 Highest Frequency (2480MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18368.9	52.55	40.25	-12.30	83.54	43.29	150	136	Horizontal
2	18932.025	52.13	40.29	-11.84	83.54	43.25	150	248	Horizontal
3	19524.9	52.38	40.99	-11.39	83.54	42.55	150	295	Horizontal
4	20354.5	51.20	40.53	-10.67	83.54	43.01	150	136	Horizontal
5	21148.825	49.91	39.84	-10.07	83.54	43.70	150	6	Horizontal
6	21982.675	47.60	37.83	-9.77	83.54	45.71	150	24	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18390.15	53.13	40.89	-12.24	83.54	42.65	150	337	Vertical
2	18894.625	51.82	39.95	-11.87	83.54	43.59	150	289	Vertical
3	19555.5	52.04	40.70	-11.34	83.54	42.84	150	193	Vertical
4	20436.525	50.47	40.00	-10.47	83.54	43.54	150	160	Vertical
5	21113.55	49.63	39.65	-9.98	83.54	43.89	150	321	Vertical
6	22598.075	48.29	39.27	-9.02	83.54	44.27	150	208	Vertical

Mode: 3DH5  
 Lowest Frequency (2402MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18436.9	52.30	40.03	-12.27	83.54	43.51	150	0	Horizontal
2	19425.025	52.39	40.91	-11.48	83.54	42.63	150	121	Horizontal
3	20135.625	50.75	39.82	-10.93	83.54	43.72	150	184	Horizontal
4	21106.325	49.87	39.79	-10.08	83.54	43.75	150	280	Horizontal
5	21694.95	47.73	37.97	-9.76	83.54	45.57	150	280	Horizontal
6	22598.075	47.05	38.03	-9.02	83.54	45.51	150	249	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18457.3	52.26	40.10	-12.16	83.54	43.44	150	95	Vertical
2	19040.4	52.87	41.10	-11.77	83.54	42.44	150	112	Vertical
3	19607.35	51.83	40.56	-11.27	83.54	42.98	150	32	Vertical
4	20335.375	51.17	40.57	-10.60	83.54	42.97	150	209	Vertical
5	21196.425	50.38	40.42	-9.96	83.54	43.12	150	16	Vertical
6	22014.975	46.84	37.19	-9.65	83.54	46.35	150	47	Vertical

Mode: 3DH5  
 Middle Frequency (2441MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18495.125	51.83	39.61	-12.22	83.54	43.93	150	52	Horizontal
2	19499.4	52.25	40.83	-11.42	83.54	42.71	150	313	Horizontal
3	20235.075	51.05	40.22	-10.83	83.54	43.32	150	133	Horizontal
4	20992.85	49.93	39.82	-10.11	83.54	43.72	150	133	Horizontal
5	21850.925	47.82	38.05	-9.77	83.54	45.49	150	36	Horizontal
6	22597.65	46.60	37.58	-9.02	83.54	45.96	150	133	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18507.025	52.75	40.63	-12.12	83.54	42.91	150	82	Vertical
2	19058.675	52.38	40.62	-11.76	83.54	42.92	150	48	Vertical
3	20168.35	50.89	40.09	-10.80	83.54	43.45	150	224	Vertical
4	21131.825	50.49	40.51	-9.98	83.54	43.03	150	16	Vertical
5	21919.35	47.69	38.02	-9.67	83.54	45.52	150	305	Vertical
6	22598.5	46.51	37.49	-9.02	83.54	46.05	150	352	Vertical

Mode: 3DH5  
 Highest Frequency (2480MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18445.825	52.40	40.14	-12.26	83.54	43.40	150	329	Horizontal
2	19048.05	51.93	40.17	-11.76	83.54	43.37	150	344	Horizontal
3	20020.875	50.47	39.43	-11.04	83.54	44.11	150	136	Horizontal
4	21128.85	49.64	39.56	-10.08	83.54	43.98	150	88	Horizontal
5	21970.35	47.65	37.88	-9.77	83.54	45.66	150	297	Horizontal
6	22597.65	47.35	38.33	-9.02	83.54	45.21	150	282	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18415.65	52.51	40.29	-12.22	83.54	43.25	150	360	Vertical
2	19020.425	52.38	40.60	-11.78	83.54	42.94	150	354	Vertical
3	20148.8	51.43	40.62	-10.81	83.54	42.92	150	258	Vertical
4	21139.05	50.94	40.97	-9.97	83.54	42.57	150	30	Vertical
5	21955.05	47.84	38.17	-9.67	83.54	45.37	150	289	Vertical
6	22598.075	47.35	38.33	-9.02	83.54	45.21	150	16	Vertical

**Right earbuds****18GHz to 26.5GHz**

According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

Mode: DH5

Lowest Frequency (2402MHz)

Environment: 25.3°C/54%RH

Test Engineer: Zhang Zishan

Date: 2022-10-18

Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18490.45	52.26	40.04	-12.22	83.54	43.50	150	206	Horizontal
2	19249.075	52.01	40.41	-11.60	83.54	43.13	150	81	Horizontal
3	20190.025	50.93	40.06	-10.87	83.54	43.48	150	12	Horizontal
4	21174.325	49.64	39.57	-10.07	83.54	43.97	150	35	Horizontal
5	22598.075	47.00	37.98	-9.02	83.54	45.56	150	277	Horizontal
6	23992.5	42.20	33.74	-8.46	83.54	49.80	150	221	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18519.35	51.95	39.85	-12.10	83.54	43.69	150	360	Vertical
2	19065.9	51.86	40.11	-11.75	83.54	43.43	150	145	Vertical
3	19695.75	51.92	40.75	-11.17	83.54	42.79	150	80	Vertical
4	21151.8	49.65	39.68	-9.97	83.54	43.86	150	31	Vertical
5	21831.8	48.42	38.75	-9.67	83.54	44.79	150	16	Vertical
6	22597.65	48.01	38.99	-9.02	83.54	44.55	150	31	Vertical

Mode: DH5  
 Middle Frequency (2441MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18663.425	52.80	40.76	-12.04	83.54	42.78	150	345	Horizontal
2	19795.2	51.12	39.93	-11.19	83.54	43.61	150	67	Horizontal
3	20535.125	50.30	39.84	-10.46	83.54	43.70	150	18	Horizontal
4	21856.025	48.24	38.47	-9.77	83.54	45.07	150	197	Horizontal
5	22598.075	47.65	38.63	-9.02	83.54	44.91	150	182	Horizontal
6	23948.725	43.01	34.52	-8.49	83.54	49.02	150	50	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18459.85	52.26	40.10	-12.16	83.54	43.44	150	81	Vertical
2	19396.55	51.58	40.08	-11.50	83.54	43.46	150	15	Vertical
3	20283.525	51.89	41.22	-10.67	83.54	42.32	150	177	Vertical
4	21162.425	50.03	40.06	-9.97	83.54	43.48	150	177	Vertical
5	21782.075	48.44	38.78	-9.66	83.54	44.76	150	81	Vertical
6	23414.5	44.49	35.88	-8.61	83.54	47.66	150	321	Vertical

Mode: DH5  
 Highest Frequency (2480MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18437.325	52.57	40.30	-12.27	83.54	43.24	150	329	Horizontal
2	19562.3	52.41	41.06	-11.35	83.54	42.48	150	41	Horizontal
3	21130.975	50.55	40.47	-10.08	83.54	43.07	150	23	Horizontal
4	22597.65	47.26	38.24	-9.02	83.54	45.30	150	87	Horizontal
5	23368.6	45.13	36.41	-8.72	83.54	47.13	150	344	Horizontal
6	24771.525	41.88	34.37	-7.51	83.54	49.17	150	103	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18394.825	52.76	40.53	-12.23	83.54	43.01	150	79	Vertical
2	19699.575	51.55	40.38	-11.17	83.54	43.16	150	64	Vertical
3	20275.025	51.45	40.77	-10.68	83.54	42.77	150	47	Vertical
4	21138.625	50.62	40.65	-9.97	83.54	42.89	150	64	Vertical
5	22598.075	48.30	39.28	-9.02	83.54	44.26	150	320	Vertical
6	24088.975	43.00	34.74	-8.26	83.54	48.80	150	79	Vertical



Mode: 2DH5  
 Lowest Frequency (2402MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18341.7	51.89	39.58	-12.31	83.54	43.96	150	102	Horizontal
2	19467.95	52.15	40.70	-11.45	83.54	42.84	150	248	Horizontal
3	20138.6	51.11	40.19	-10.92	83.54	43.35	150	166	Horizontal
4	21160.725	50.63	40.56	-10.07	83.54	42.98	150	119	Horizontal
5	22598.075	47.49	38.47	-9.02	83.54	45.07	150	22	Horizontal
6	23932.575	43.59	35.09	-8.50	83.54	48.45	150	119	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18435.2	52.17	39.98	-12.19	83.54	43.56	150	16	Vertical
2	19578.45	51.87	40.57	-11.30	83.54	42.97	150	304	Vertical
3	20229.55	50.94	40.20	-10.74	83.54	43.34	150	160	Vertical
4	21120.35	50.23	40.25	-9.98	83.54	43.29	150	193	Vertical
5	22597.65	47.79	38.77	-9.02	83.54	44.77	150	193	Vertical
6	24828.05	42.13	34.76	-7.37	83.54	48.78	150	224	Vertical

Mode: 2DH5  
 Middle Frequency (2441MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18537.2	52.19	40.01	-12.18	83.54	43.53	150	282	Horizontal
2	19544.875	51.61	40.24	-11.37	83.54	43.30	150	250	Horizontal
3	20203.2	50.91	40.05	-10.86	83.54	43.49	150	74	Horizontal
4	21156.9	50.17	40.10	-10.07	83.54	43.44	150	234	Horizontal
5	22597.65	47.32	38.30	-9.02	83.54	45.24	150	218	Horizontal
6	23859.05	44.03	35.48	-8.55	83.54	48.06	150	344	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18527.425	51.97	39.87	-12.10	83.54	43.67	150	288	Vertical
2	19553.375	52.50	41.16	-11.34	83.54	42.38	150	112	Vertical
3	20178.975	51.11	40.32	-10.79	83.54	43.22	150	192	Vertical
4	21181.975	49.77	39.81	-9.96	83.54	43.73	150	79	Vertical
5	22597.65	48.00	38.98	-9.02	83.54	44.56	150	336	Vertical
6	23871.8	42.85	34.41	-8.44	83.54	49.13	150	255	Vertical

Mode: 2DH5  
 Highest Frequency (2480MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18436.9	52.49	40.22	-12.27	83.54	43.32	150	186	Horizontal
2	19399.95	53.05	41.55	-11.50	83.54	41.99	150	120	Horizontal
3	21157.325	49.85	39.78	-10.07	83.54	43.76	150	249	Horizontal
4	21973.75	48.07	38.30	-9.77	83.54	45.24	150	25	Horizontal
5	22597.65	46.81	37.79	-9.02	83.54	45.75	150	138	Horizontal
6	23360.525	44.99	36.27	-8.72	83.54	47.27	150	10	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18471.325	51.77	39.62	-12.15	83.54	43.92	150	16	Vertical
2	18994.5	52.57	40.77	-11.80	83.54	42.77	150	16	Vertical
3	19560.6	51.59	40.26	-11.33	83.54	43.28	150	128	Vertical
4	20191.3	51.14	40.37	-10.77	83.54	43.17	150	287	Vertical
5	21125.025	50.64	40.66	-9.98	83.54	42.88	150	145	Vertical
6	21970.35	47.52	37.85	-9.67	83.54	45.69	150	272	Vertical

Mode: 3DH5  
 Lowest Frequency (2402MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18427.55	51.84	39.57	-12.27	83.54	43.97	150	201	Horizontal
2	19583.55	52.17	40.84	-11.33	83.54	42.70	150	248	Horizontal
3	20239.325	51.09	40.26	-10.83	83.54	43.28	150	0	Horizontal
4	21076.575	50.46	40.37	-10.09	83.54	43.17	150	280	Horizontal
5	22597.65	46.96	37.94	-9.02	83.54	45.60	150	39	Horizontal
6	24250.9	41.56	33.39	-8.17	83.54	50.15	150	39	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18490.45	52.36	40.23	-12.13	83.54	43.31	150	320	Vertical
2	19508.325	52.31	40.90	-11.41	83.54	42.64	150	63	Vertical
3	20534.275	50.86	40.51	-10.35	83.54	43.03	150	336	Vertical
4	21212.575	49.98	40.03	-9.95	83.54	43.51	150	95	Vertical
5	22597.65	46.86	37.84	-9.02	83.54	45.70	150	360	Vertical
6	24793.625	41.72	34.32	-7.40	83.54	49.22	150	302	Vertical

Mode: 3DH5  
 Middle Frequency (2441MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18412.25	52.44	40.15	-12.29	83.54	43.39	150	168	Horizontal
2	19511.725	52.34	40.93	-11.41	83.54	42.61	150	0	Horizontal
3	20399.55	50.89	40.28	-10.61	83.54	43.26	150	24	Horizontal
4	21113.125	50.20	40.12	-10.08	83.54	43.42	150	215	Horizontal
5	21951.225	47.20	37.43	-9.77	83.54	46.11	150	40	Horizontal
6	22860.3	46.15	37.44	-8.71	83.54	46.10	150	138	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18466.65	52.61	40.45	-12.16	83.54	43.09	150	146	Vertical
2	18878.05	52.34	40.46	-11.88	83.54	43.08	150	241	Vertical
3	19657.925	51.64	40.43	-11.21	83.54	43.11	150	353	Vertical
4	20425.9	51.09	40.61	-10.48	83.54	42.93	150	112	Vertical
5	21208.75	50.14	40.19	-9.95	83.54	43.35	150	194	Vertical
6	22597.65	48.90	39.88	-9.02	83.54	43.66	150	48	Vertical

Mode: 3DH5  
 Highest Frequency (2480MHz)  
 Environment: 25.3°C/54%RH  
 Test Engineer: Zhang Zishan

Date: 2022-10-18  
 Test Voltage: DC 3.8V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18655.775	53.01	40.96	-12.05	83.54	42.58	150	313	Horizontal
2	19601.4	51.86	40.55	-11.31	83.54	42.99	150	280	Horizontal
3	20456.925	50.05	39.51	-10.54	83.54	44.03	150	88	Horizontal
4	21119.5	50.32	40.24	-10.08	83.54	43.30	150	136	Horizontal
5	22597.65	47.05	38.03	-9.02	83.54	45.51	150	345	Horizontal
6	23908.775	43.64	35.12	-8.52	83.54	48.42	150	167	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18504.05	52.15	40.03	-12.12	83.54	43.51	150	271	Vertical
2	19479.425	52.16	40.72	-11.44	83.54	42.82	150	31	Vertical
3	20489.65	50.69	40.29	-10.40	83.54	43.25	150	304	Vertical
4	21160.3	49.91	39.94	-9.97	83.54	43.60	150	353	Vertical
5	22598.5	46.49	37.47	-9.02	83.54	46.07	150	161	Vertical
6	23426.825	44.48	35.87	-8.61	83.54	47.67	150	176	Vertical

## 15. RESTRICTED BANDS OF OPERATION

### 15.1 LIMITS

Section 15.247(d) In addition, Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
<sup>1</sup> 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2655 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	
13.36 - 13.41			

Frequency (MHz)	Quasi-peak( $\mu$ V/m)	Measurement distance(m)	Quasi-peak(dB $\mu$ V/m)@distance 3m
0.009-0.490	2400/F(kHz)	300	128.5~93.8
0.490-1.705	24000/F(kHz)	30	73.8~63
1.705-30.0	30	30	69.5
30 ~ 88	100	3	40
88~216	150	3	43.5
216 ~ 960	200	3	46
Above 960	500	3	54