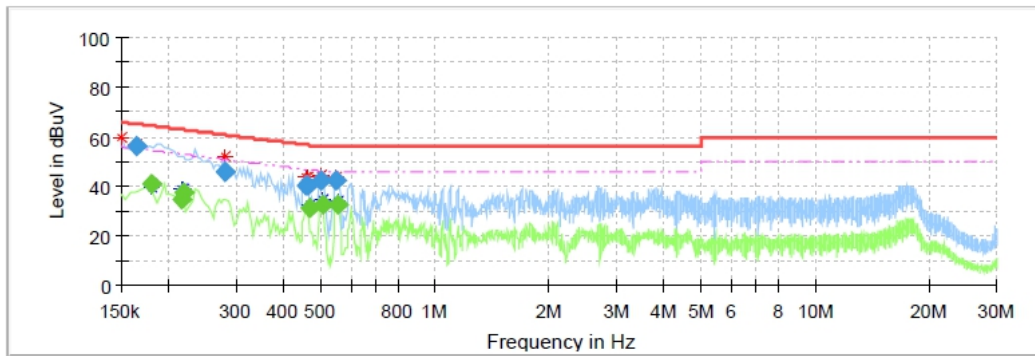


Test Line:

L

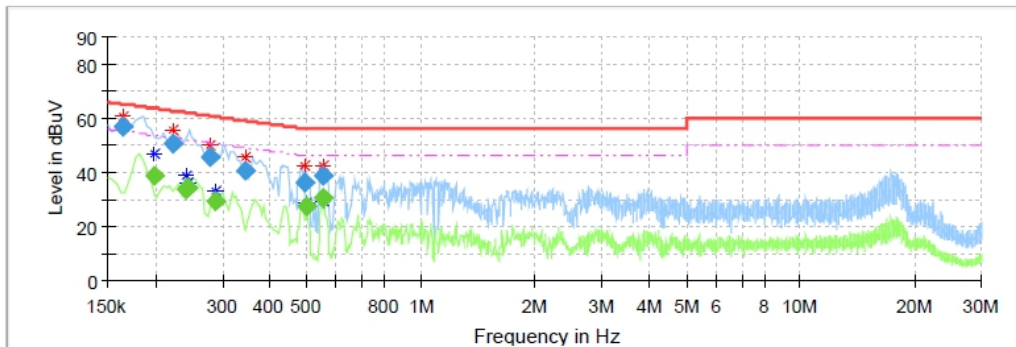


**Final Result**

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.163500	56.56	---	65.28	8.72	L1	10.1
0.179500	---	40.84	54.51	13.67	L1	10.1
0.215500	---	34.98	52.99	18.01	L1	10.1
0.219500	---	37.56	52.84	15.28	L1	10.1
0.279500	46.03	---	60.83	14.80	L1	10.1
0.459500	40.33	---	56.70	16.37	L1	10.1
0.463500	40.13	---	56.63	16.50	L1	10.1
0.467500	---	31.09	46.56	15.47	L1	10.1
0.503500	42.17	---	56.00	13.83	L1	10.1
0.507500	---	32.87	46.00	13.13	L1	10.1
0.551500	42.37	---	56.00	13.63	L1	10.1
0.555500	---	32.68	46.00	13.32	L1	10.1

Test Line:

N



**Final Result**

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.163500	56.80	---	65.28	8.48	N	10.1
0.199500	---	38.70	53.63	14.93	N	10.1
0.223500	50.74	---	62.69	11.95	N	10.1
0.239500	---	33.83	52.11	18.29	N	10.1
0.243500	---	34.10	51.98	17.88	N	10.1
0.279500	45.48	---	60.83	15.35	N	10.1
0.287500	---	29.62	50.60	20.97	N	10.1
0.343500	40.66	---	59.12	18.46	N	10.1
0.491500	36.49	---	56.14	19.65	N	10.1
0.499500	---	27.42	46.01	18.58	N	10.1
0.551500	---	30.32	46.00	15.68	N	10.1
0.551500	38.64	---	56.00	17.36	N	10.1

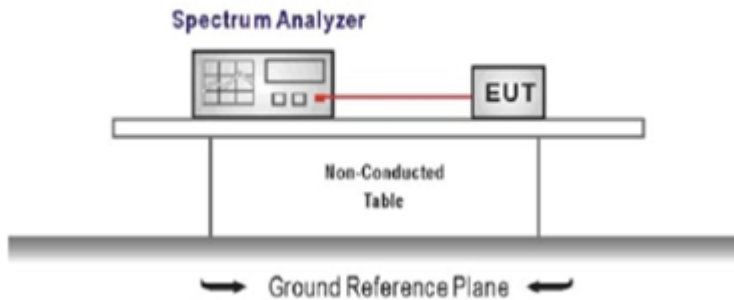
### 5.3. Peak Output Power

#### LIMIT

##### **FCC CFR Title 47 Part 15 Subpart C Section 15.247 (b)(1):**

For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt.  
For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.

#### TEST CONFIGURATION



#### TEST PROCEDURE

1. The transmitter output was connected to the spectrum analyzer through an attenuator, the pathloss was compensated to the results for each measurement.
2. Set to the maximum power setting and enable the EUT transmit continuously
3. Use the following spectrum analyzer settings:  
Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel  
RBW  $\geq$  the 20 dB bandwidth of the emission being measured, VBW  $\geq$  RBW  
Sweep = auto, Detector function = peak, Trace = max hold
4. Measure and record the results in the test report.

#### TEST MODE

Please refer to the clause 4.3

#### TEST RESULT

Passed       Not Applicable

#### TEST DATA

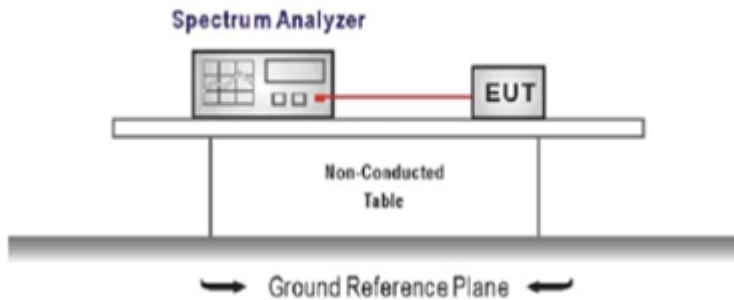
Please refer to appendix A on the appendix report

## 5.4. 20 dB Bandwidth

### LIMIT

N/A

### TEST CONFIGURATION



### TEST PROCEDURE

1. The transmitter output was connected to the spectrum analyzer through an attenuator, the path loss was compensated to the results for each measurement.
2. Set to the maximum power setting and enable the EUT transmit continuously
3. Use the following spectrum analyzer settings:  
Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel  
RBW  $\geq$  1% of the 20 dB bandwidth, VBW  $\geq$  RBW  
Sweep = auto, Detector function = peak, Trace = max hold
4. Measure and record the results in the test report.

### TEST MODE

Please refer to the clause 4.3

### TEST RESULT

Passed       Not Applicable

### TEST DATA

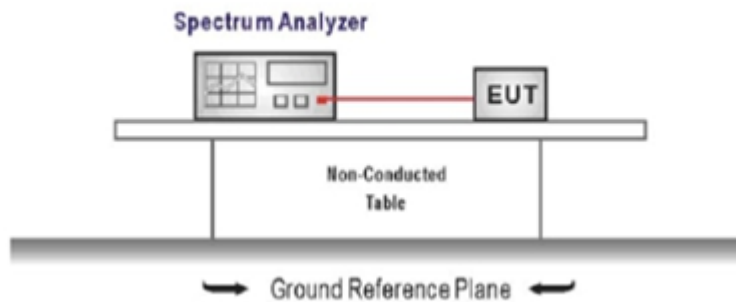
Please refer to appendix B on the appendix report

## 5.5. 99% Occupied Bandwidth

### LIMIT

N/A

### TEST CONFIGURATION



### TEST PROCEDURE

1. Connect the antenna port(s) to the spectrum analyzer input.
2. Configure the spectrum analyzer as shown below (enter all losses between the transmitter output and the spectrum analyzer).  
Center Frequency = channel center frequency  
Span  $\geq 1.5 \times$  OBW  
RBW = 1%~5%OBW  
VBW  $\geq 3 \times$  RBW  
Sweep time = auto couple  
Detector = Peak  
Trace mode = max hold
3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.

### TEST MODE

Please refer to the clause 4.3

### TEST RESULT

Passed       Not Applicable

### TEST DATA

Please refer to appendix C on the appendix report

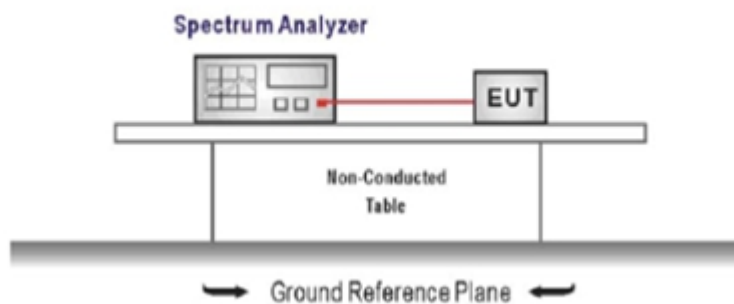
## 5.6. Carrier Frequencies Separation

### LIMIT

#### **FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(1):**

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

### TEST CONFIGURATION



### TEST PROCEDURE

1. The transmitter output was connected to the spectrum analyzer through an attenuator, the path loss was compensated to the results for each measurement.
2. Set to the maximum power setting and enable the EUT transmit continuously
3. Use the following spectrum analyzer settings:
  - Span = wide enough to capture the peaks of two adjacent channels
  - RBW  $\geq$  1% of the span, VBW  $\geq$  RBW
  - Sweep = auto, Detector function = peak, Trace = max hold
4. Measure and record the results in the test report.

### TEST MODE

Please refer to the clause 4.3

### TEST RESULTS

Passed       Not Applicable

### TEST DATA

Please refer to appendix D on the appendix report

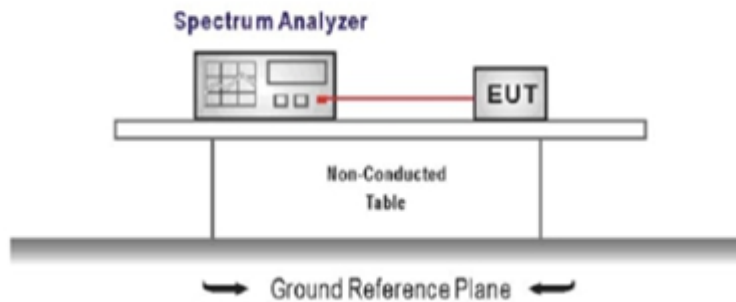
## 5.7. Hopping Channel Number

### LIMIT

**FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(1):**

Frequency hopping systems in the 2400–2483.5 MHz band shall use at least **15** channels.

### TEST CONFIGURATION



### TEST PROCEDURE

1. The transmitter output was connected to the spectrum analyzer through an attenuator, the path loss was compensated to the results for each measurement.
2. Set to the maximum power setting and enable the EUT transmit continuously
3. Use the following spectrum analyzer settings:  
Span = the frequency band of operation  
RBW  $\geq$  1% of the span, VBW  $\geq$  RBW  
Sweep = auto, Detector function = peak, Trace = max hold
4. Measure and record the results in the test report.

### TEST MODE

Please refer to the clause 4.3

### TEST RESULTS

Passed       Not Applicable

### TEST DATA

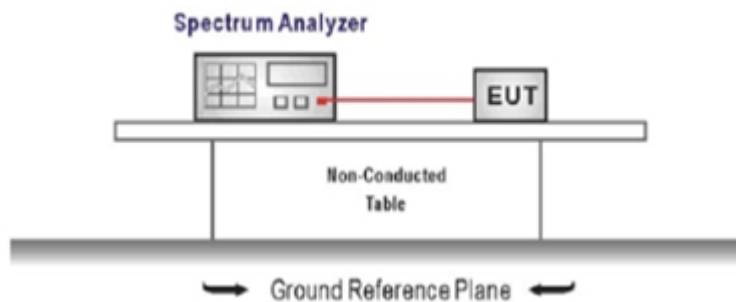
Please refer to appendix E on the appendix report

## 5.8. Dwell Time

### LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(1):The average time of occupancy on any channel shall not be greater than 0.4 seconds within a pe-riod of 0.4 seconds multiplied by the number of hopping channels employed.

### TEST CONFIGURATION



### TEST PROCEDURE

1. The transmitter output was connected to the spectrum analyzer through an attenuator, the path loss was compensated to the results for each measurement.
2. Set to the maximum power setting and enable the EUT transmit continuously
3. Use the following spectrum analyzer settings:  
Span = zero span, centered on a hopping channel, RBW= 1 MHz, VBW  $\geq$  RBW  
Sweep = as necessary to capture the entire dwell time per hopping channel,  
Detector function = peak, Trace = max hold
4. Measure and record the results in the test report.

### TEST MODE

Please refer to the clause 4.3

### TEST RESULTS

Passed       Not Applicable

### TEST DATA

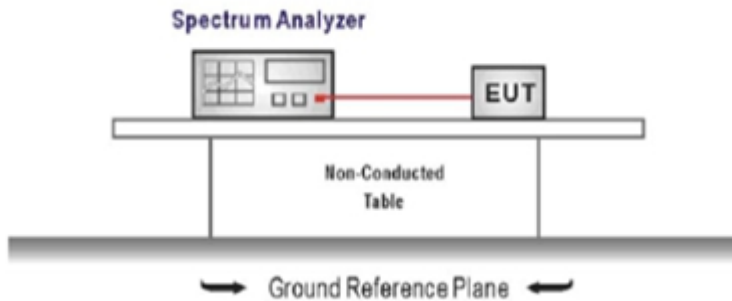
Please refer to appendix F on the appendix report

## 5.9. Duty Cycle Correction Factor (DCCF)

### LIMIT

N/A

### TEST CONFIGURATION



### TEST PROCEDURE

1. The transmitter output was connected to the spectrum analyzer through an attenuator, the path loss was compensated to the results for each measurement.
2. Set to the maximum power setting and enable the EUT transmit continuously
3. Use the following spectrum analyzer settings:  
Span = zero span, centered on a hopping channel, RBW= 1 MHz, VBW  $\geq$  RBW  
Sweep = as necessary to capture the entire dwell time per hopping channel,  
Detector function = peak, Trigger mode
4. Measure and record the duty cycle data

### TEST MODE

Please refer to the clause 4.3

### TEST DATA

Please refer to appendix G on the appendix report



### 5.10. Pseudorandom Frequency Hopping Sequence

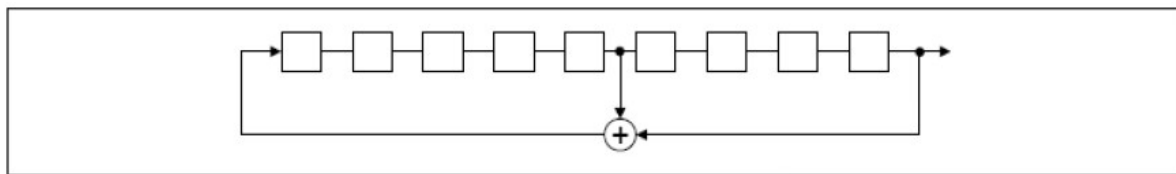
#### LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(1):Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400–2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW. The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudo-randomly ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

#### TEST RESULTS

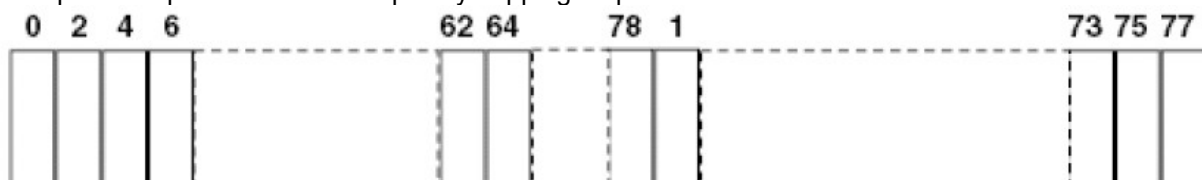
The pseudorandom frequency hopping sequence may be generated in a nine-stage shift register whose 5<sup>th</sup> and 9<sup>th</sup> stage outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first one of 9 consecutive ones, for example: the shift register is initialized with nine ones.

- Number of shift register stages: 9
- Length of pseudo-random sequence:  $2^9 - 1 = 511$  bits
- Longest sequence of zeros: 8 (non-inverted signal)



*Linear Feedback Shift Register for Generation of the PRBS sequence*

An example of pseudorandom frequency hopping sequence as follows:



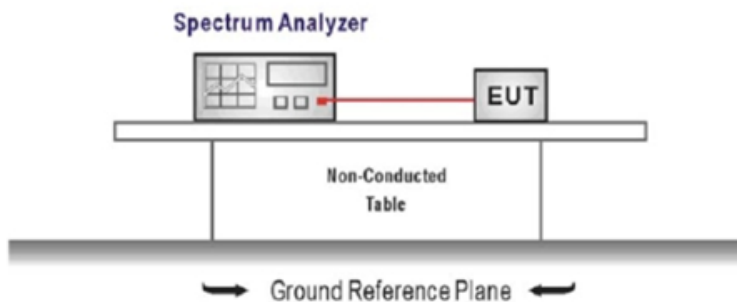
Each frequency used equally on the average by each transmitter. The system receiver has input bandwidths that match the hopping channel bandwidths of their corresponding transmitter and shifts frequencies in synchronization with the transmitted signals.

## 5.11. Conducted Band edge and Spurious Emission

### LIMIT

**FCC CFR Title 47 Part 15 Subpart C Section 15.247 (d):** In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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.

### TEST CONFIGURATION



### TEST PROCEDURE

1. Connect the antenna port(s) to the spectrum analyzer input.
2. Emission level measurement  
Set the center frequency and span to encompass frequency range to be measured  
RBW = 100 kHz, VBW  $\geq$  3 x RBW  
Detector = peak, Sweep time = auto couple, Trace mode = max hold  
Allow trace to fully stabilize  
Use the peak marker function to determine the maximum amplitude level.
3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.
4. Ensure that the amplitude of all unwanted emission outside of the authorized frequency band excluding restricted frequency bands) are attenuated by at least the minimum requirements specified (at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz). Report the three highest emission relative to the limit.

### TEST MODE

Please refer to the clause 4.3

**TEST RESULT**

**Passed**       **Not Applicable**

**TEST DATA**

Please refer to appendix H on the appendix report

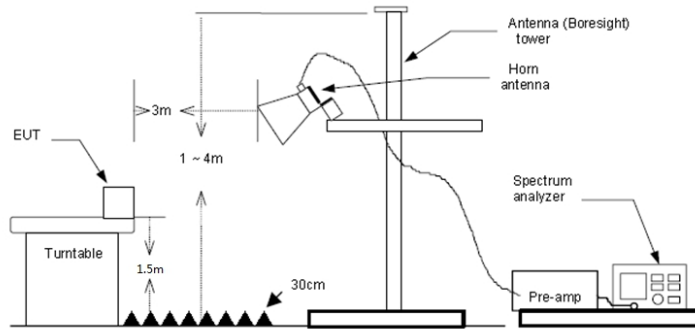
## 5.12. Radiated Band edge Emission

### LIMIT

#### FCC CFR Title 47 Part 15 Subpart C Section 15.247 (d):

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, Radiated Emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the Radiated Emissions limits specified in §15.209(a) (see §15.205(c)).

### TEST CONFIGURATION



### TEST PROCEDURE

1. The EUT was setup and tested according to ANSI C63.10 .
2. The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10 on radiated measurement.
5. Use the following spectrum analyzer settings:
  - a) Span shall wide enough to fully capture the emission being measured
  - b) Set RBW=100kHz for <1GHz, VBW=3\*RBW, Sweep time=auto, Detector=peak, Trace=max hold
  - c) Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=peak, Trace=max hold for Peak measurement

For average measurement: use duty cycle correction factor method (DCCF)  
Averager level = Peak level + DCCF

### TEST MODE

Please refer to the clause 4.3

### TEST RESULT

Passed       Not Applicable

Note:

- 1) Level= Reading + Factor; Factor =Antenna Factor+ Cable Loss- Preamp Factor
- 2) Over Limit = Level- Limit
- 3) Average measurement was not performed if peak level is lower than average limit(54 dBuV/m).

Test channel:		CH00			Polarity			Horizontal		
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark	
1	2310.00	39.91	27.96	5.43	37.56	35.74	74.00	-38.26	Peak	
2	2390.03	39.58	27.72	5.53	37.45	35.38	74.00	-38.62	Peak	

Test channel:		CH00			Polarity			Vertical		
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark	
1	2310.00	40.99	27.96	5.43	37.56	36.82	74.00	-37.18	Peak	
2	2390.03	39.26	27.72	5.53	37.45	35.06	74.00	-38.94	Peak	

Test channel:		CH78			Polarity			Horizontal		
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark	
1	2483.50	41.58	27.43	5.64	37.26	37.39	74.00	-36.61	Peak	
2	2484.37	46.13	27.43	5.64	37.26	41.94	74.00	-32.06	Peak	
3	2500.00	40.02	27.40	5.66	37.26	35.82	74.00	-38.18	Peak	

Test channel:		CH78			Polarity			Vertical		
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark	
1	2483.50	45.63	27.43	5.64	37.26	41.44	74.00	-32.56	Peak	
2	2484.75	48.17	27.43	5.64	37.26	43.98	74.00	-30.02	Peak	
3	2500.00	39.83	27.40	5.66	37.26	35.63	74.00	-38.37	Peak	

## 5.13. Radiated Spurious Emission

### LIMIT

#### FCC CFR Title 47 Part 15 Subpart C Section 15.209

Frequency	Limit (dBuV/m)	Value
0.009 MHz ~0.49 MHz	2400/F(kHz) @300m	Quasi-peak
0.49 MHz ~ 1.705 MHz	24000/F(kHz) @30m	Quasi-peak
1.705 MHz ~30 MHz	30 @30m	Quasi-peak

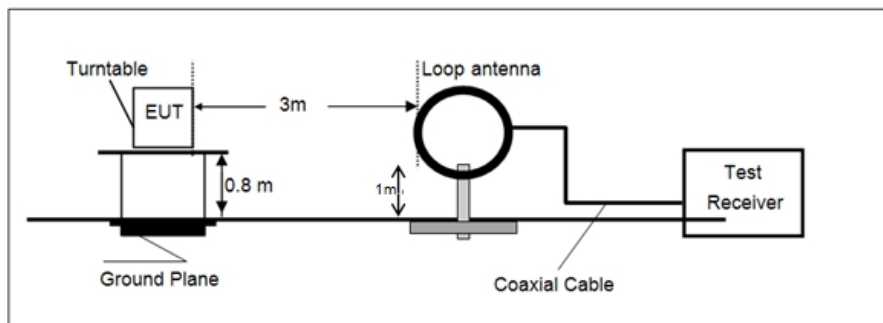
Note: Limit dBuV/m @3m = Limit dBuV/m @300m + 40\*log(300/3)= Limit dBuV/m @300m +80,

Limit dBuV/m @3m = Limit dBuV/m @30m +40\*log(30/3)= Limit dBuV/m @30m + 40.

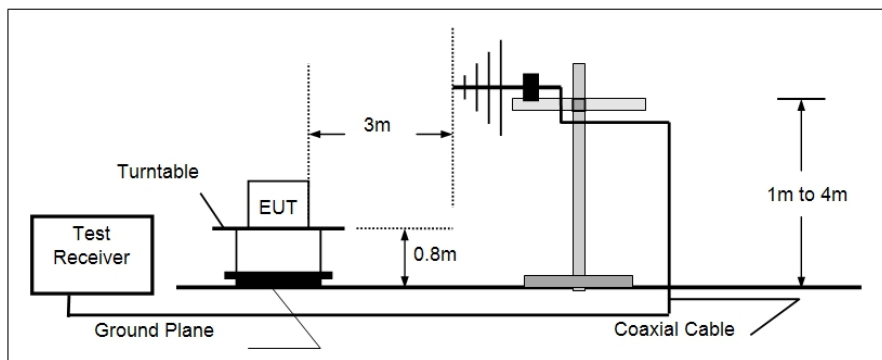
Frequency	Limit (dBuV/m @3m)	Value
30MHz~88MHz	40.00	Quasi-peak
88MHz~216MHz	43.50	Quasi-peak
216MHz~960MHz	46.00	Quasi-peak
960MHz~1GHz	54.00	Quasi-peak
Above 1GHz	54.00	Average
	74.00	Peak

### TEST CONFIGURATION

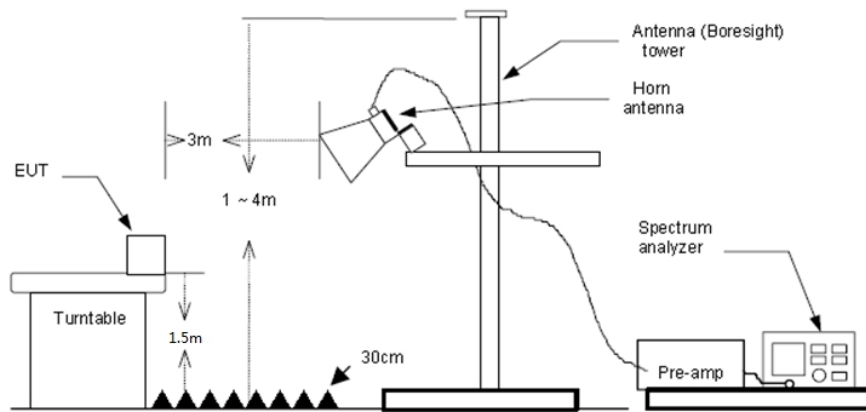
- 9 kHz ~ 30 MHz



- 30 MHz ~ 1 GHz



- Above 1 GHz



### **TEST PROCEDURE**

1. The EUT was setup and tested according to ANSI C63.10 .
2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower.
4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
5. Set to the maximum power setting and enable the EUT transmit continuously.
6. Use the following spectrum analyzer settings
  - a) Span shall wide enough to fully capture the emission being measured;
  - b) Below 1 GHz:  
 RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold;  
 If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
  - c) Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=peak, Trace=max hold for Peak measurement  
 For average measurement: use duty cycle correction factor method (DCCF)  
 Averager level = Peak level + DCCF

### **TEST MODE**

Please refer to the clause 4.3

### **TEST RESULT**

**Passed**       **Not Applicable**

Note:

- 1) Level= Reading + Factor/Transd; Factor/Transd =Antenna Factor+ Cable Loss- Preamp Factor
- 2) Over Limit = Level- Limit
- 3) Average measurement was not performed if peak level is lower than average limit(54 dBuV/m) for above 1GHz.

**For 9 kHz ~ 30 MHz**

The EUT was pre-scanned this frequency band, found the radiated level 20dB lower than the limit, so don't show data on this report.

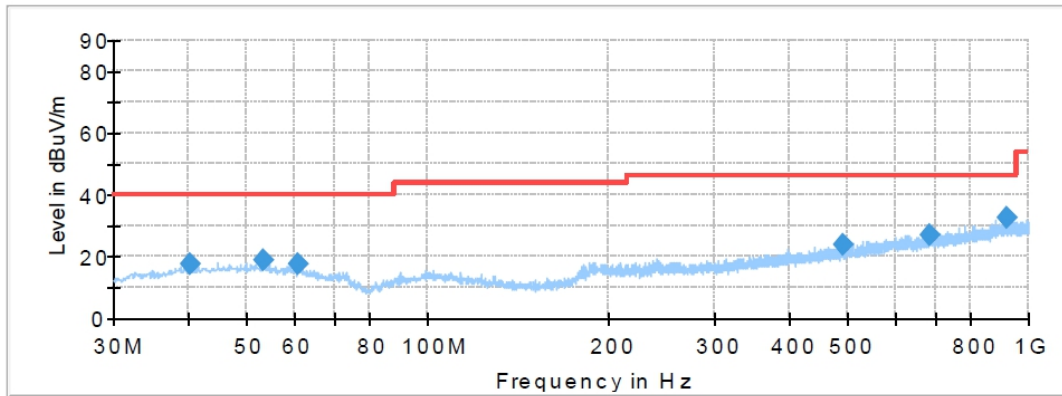
**For 30 MHz ~ 1000 MHz**

Have pre-scan all test channel, found CH39 which it was worst case, so only show the worst case's data on this report.



Polarization:

Horizontal

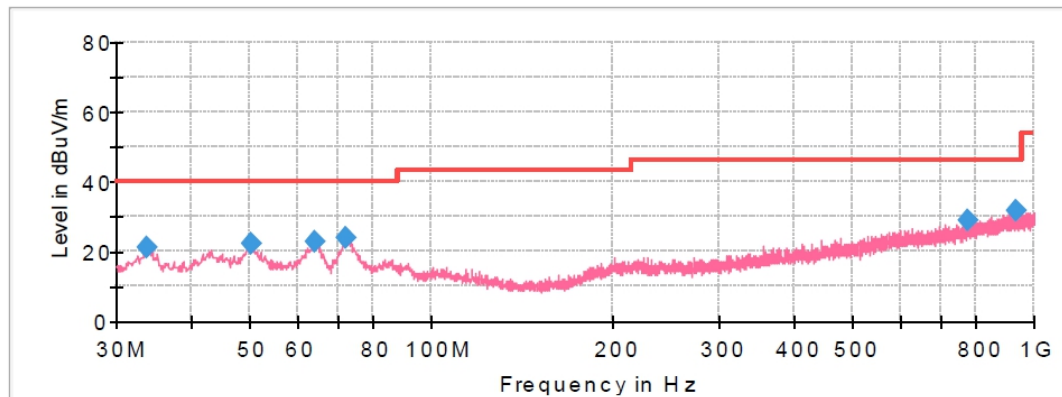


**Final Result**

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
40.185000	17.65	40.00	22.35	300.0	H	359.0	-9.7
53.522500	18.73	40.00	21.27	100.0	H	296.0	-9.4
60.797500	17.38	40.00	22.62	300.0	H	74.0	-10.2
491.720000	23.85	46.00	22.15	300.0	H	338.0	-2.3
684.022500	27.07	46.00	18.93	300.0	H	132.0	1.9
920.096250	32.51	46.00	13.49	300.0	H	279.0	6.8

Polarization:

Vertical



**Final Result**

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
33.880000	21.36	40.00	18.64	100.0	V	5.0	-11.5
50.127500	22.09	40.00	17.91	100.0	V	39.0	-9.1
64.192500	22.88	40.00	17.12	100.0	V	0.0	-11.2
72.437500	23.78	40.00	16.22	100.0	V	226.0	-13.9
775.930000	28.89	46.00	17.11	100.0	V	226.0	3.8
933.433750	31.47	46.00	14.53	100.0	V	354.0	7.0

**For 1 GHz ~ 25 GHz**

Test channel		CH00				Polarity		Horizontal	
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	1267.82	40.42	25.94	3.98	36.43	33.91	74.00	-40.09	Peak
2	2681.98	39.36	27.89	5.87	37.08	36.04	74.00	-37.96	Peak
3	8133.18	33.58	37.07	11.27	33.38	48.54	74.00	-25.46	Peak
4	12013.98	39.59	39.81	12.95	36.39	55.96	74.00	-18.04	Peak
Frequency (MHz)	Peak Level (dBuV/M)	DCCF (dB)	Average level (dBuV/M)	Limit Line (dBuV/M)	Over Limit (dB)	Polarization	Remark		
12013.98	55.96	-30.78	25.18	54	-28.82	Horizontal	Average		
Test channel		CH00				Polarity		Vertical	
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	1209.32	40.71	25.66	3.88	36.63	33.62	74.00	-40.38	Peak
2	2796.31	39.59	28.39	6.03	37.25	36.76	74.00	-37.24	Peak
3	7210.80	36.77	36.48	10.01	34.01	49.25	74.00	-24.75	Peak
4	12013.98	42.79	39.81	12.95	36.39	59.16	74.00	-14.84	Peak
Frequency (MHz)	Peak Level (dBuV/M)	DCCF (dB)	Average level (dBuV/M)	Limit Line (dBuV/M)	Over Limit (dB)	Polarization	Remark		
12013.98	59.16	-30.78	28.38	54	-25.62	Vertical	Average		

Test channel		CH39				Polarity		Horizontal	
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	1267.82	40.42	25.94	3.98	36.43	33.91	74.00	-40.09	Peak
2	2681.98	39.36	27.89	5.87	37.08	36.04	74.00	-37.96	Peak
3	8051.03	33.67	37.20	11.04	33.32	48.59	74.00	-25.41	Peak
4	12207.17	36.28	39.78	13.18	36.04	53.20	74.00	-20.80	Peak
Frequency (MHz)	Peak Level (dBuV/M)	DCCF (dB)	Average level (dBuV/M)	Limit Line (dBuV/M)	Over Limit (dB)	Polarization	Remark		
12207.17	57.66	-30.78	26.88	54	-27.12	Vertical	Average		
Test channel		CH39				Polarity		Vertical	
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	1209.32	40.71	25.66	3.88	36.63	33.62	74.00	-40.38	Peak
2	2796.31	39.59	28.39	6.03	37.25	36.76	74.00	-37.24	Peak
3	7326.76	36.85	36.45	10.08	34.09	49.29	74.00	-24.71	Peak
4	12207.17	40.74	39.78	13.18	36.04	57.66	74.00	-16.34	Peak
Frequency (MHz)	Peak Level (dBuV/M)	DCCF (dB)	Average level (dBuV/M)	Limit Line (dBuV/M)	Over Limit (dB)	Polarization	Remark		
12207.17	57.66	-30.78	26.88	54	-27.12	Vertical	Average		

Test channel		CH78			Polarity		Horizontal		
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	1267.82	40.42	25.94	3.98	36.43	33.91	74.00	-40.09	Peak
2	2681.98	39.36	27.89	5.87	37.08	36.04	74.00	-37.96	Peak
3	8051.03	34.36	37.20	11.04	33.32	49.28	74.00	-24.72	Peak
4	12403.47	37.06	39.29	13.41	35.68	54.08	74.00	-19.92	Peak
Frequency (MHz)	Peak Level (dBuV/M)	DCCF (dB)	Average level (dBuV/M)	Limit Line (dBuV/M)	Over Limit (dB)	Polarization	Remark		
12403.47	54.08	-30.78	23.30	54	-30.70	Horizontal	Average		
Test channel		CH78			Polarity		Vertical		
Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
1	1209.32	40.71	25.66	3.88	36.63	33.62	74.00	-40.38	Peak
2	2796.31	39.59	28.39	6.03	37.25	36.76	74.00	-37.24	Peak
3	8109.62	33.93	37.16	11.23	33.34	48.98	74.00	-25.02	Peak
4	12403.47	41.03	39.29	13.41	35.68	58.05	74.00	-15.95	Peak
Frequency (MHz)	Peak Level (dBuV/M)	DCCF (dB)	Average level (dBuV/M)	Limit Line (dBuV/M)	Over Limit (dB)	Polarization	Remark		
12403.47	58.05	-30.78	27.27	54	-26.73	Vertical	Average		