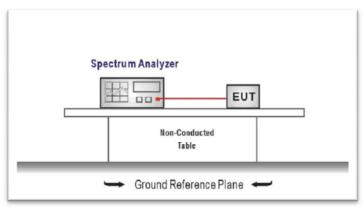


# 5.6. Hopping Channel Number

# 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
- Use the following spectrum analyzer settings: Span = the frequency band of operation RBW ≥ 1% of the span, VBW ≥ 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 3.3

# **TEST RESULTS**

# ☑ Passed □ Not Applicable

Modulation type	Channel number	Limit	Result
GFSK	79		
π/4DQPSK	79	15.00	Pass
8DPSK	79		

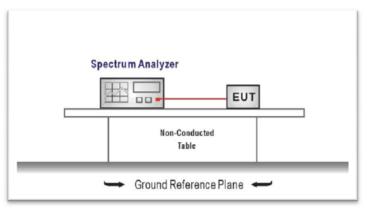
Spectrum				Spectrum				[₩ ▽
	ffset 1.00 dB 🖷 RBW 1 MHz				set 1.00 dB 👄 RBW 1 MH			
Att 25 dB SV 1Pk Max	WT 1 ms 🖶 VBW 3 MHz	Mode Auto Sweep		Att 25 dB SV 1Pk Max	/T 1 ms 👄 VBW 3 MH	z Mode Auto Swe	9ep	
		M1[1]	-0.27 dBm			M1[1]		-0.39 dBm
10 dBm			2.401630 GHz	10 dBm				2.401630 GHz
M1 0/58m		D1[1]	0.7+ dB 78.660 WHz	M1		D1[1]		0.30 dB 78.78099Hz
De House and a service and a service	non manage	manan	mound	0)SBM STATE	man and the second	- and the second	mound	76.7800AHz
10 dBm-				10 dBm				
20 dBm				-20 dBm				
-30 dBm				-30 dBm				
-40 dBm				-40 dBm				
-40 0.511				-40 dbm				
-50 dBm				-50 dBm			_	
-60 dBm				-60 dBm		+		
-70 dBm				-70 dBm				
-80 dBm				-80 dBm-				
			Stop 2.4835 GHz					Stop 2.4835 GHz
Start 2.4 GHz	691		g	Start 2.4 GHz	69	1 pts	Measuring	
		Heasdrin					Heastering	
Spectrum		SK			π/4D	QPSK		
Ref Level 15.00 dBm Of Att 25 dB St	<b>ffset</b> 1.00 dB • RBW 1 MHz WT 1 ms • VBW 3 MHz		( <del>**</del> )		π/4D	QPSK		
Ref Level 15.00 dBm O	ffset 1.00 dB 🖷 RBW 1 MHz	Mode Auto Sweep			π/4D	QPSK		
Ref Level 15.00 dBm Of Att 25 dB St	ffset 1.00 dB 🖷 RBW 1 MHz	Mode Auto Sweep M1[1]	-0.01 dBm 2.401750 GHz		π/4D	QPSK		
Ref Level         15.00 dBm         Ol           Att         25 dB         S1           1Pk Max         10 dBm         M1	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ● VBW 3 MHz	Mode Auto Sweep	-0.01 dBm 2.401750 GHz 0.50 dB		π/4D	QPSK		
Ref Level         15.00 dBm         Older           Att         25 dB         Si           1Pk         Max           10 dBm         0	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz		π/4D	QPSK		
Ref Level         15.00 dBm         Older           Att         25 dB         Si           1Pk Max         10 dBm         M1	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz 0.59 dB 78.34(2)Hz		π/4D	QPSK		
Ref Level         15.00 dBm         OI           Att         25 dB         SI           DTPF Max         10 dBm         10 dBm	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz 0.59 dB 78.34(2)Hz		π/4D	QPSK		
Ref Level         15.00         dBm         OI           Att         25 dB         S1         S1         S1           PIPk Max         10 dBm         M1         S1         S1           OfBrance         S1         S1         S1         S1	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz 0.59 dB 78.34(2)Hz		π/4D	QPSK		
Net         25 dB         Oil           Att         25 dB         St           DFM Max         10 dBm         10 dBm           10 dBm	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz 0.59 dB 78.34(2)Hz					
Ref Level         15.00 dBm         OI           Att         25 dB         SI           DTPF Max         10 dBm         10 dBm	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz 0.59 dB 78.34(2)Hz			QPSK Plot		
Net         25 dB         Oil           Att         25 dB         St           DFM Max         10 dBm         10 dBm           10 dBm	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz 0.59 dB 78.34(2)Hz					
Ref Level 15.0 dBm         25 dB           1919 Max         25 dB           106 dBm	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz 0.59 dB 78.34(2)Hz					
Ref Level 15.0 dem Office         0           Att         25 dB St           1919 Max         0           100 dim         0           100 dim         0           100 dim         0           200 dim         0           200 dim         0           300 dim	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz 0.59 dB 78.34(2)Hz					
Ref Level 15.00 dem         0           Att         25 dB           St         25 dB           ID dem         10           10 dem         10           20 dBm         10           -20 dBm	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz 0.59 dB 78.34(2)Hz					
Ref Level 15.0 dBm         25 dB           1919 Max         25 dB           106 dBm	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz 0.59 dB 78.34(2)Hz					
Ref Level 15.00 dem         0           Att         25 dB           St         25 dB           ID dem         10           10 dem         10           20 dBm         10           -20 dBm	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz 0.59 dB 78.34(2)Hz					
Ref Level 15,00 dem 0 > Att 25 dB 51 ⇒ 124 Max 10 dem 10 dem 10 dem 10 dem 22 dBm -20 dBm -30 dBm -50 dBm -50 dBm	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz 0.59 dB 78.34(2)Hz					
Ref Level 15,00 dem 0 > Att 25 dB 51 ⇒ 124 Max 10 dem 10 dem 10 dem 10 dem 22 dBm -20 dBm -30 dBm -50 dBm -50 dBm	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep MI[1] D1[1]	-0.01 dBm 2.401750 GHz 0.59 dB 78.34(2)Hz					
Ref Level 15.0 dem 0.0         0         80           >19 M Max         25 dB 91           10 dem 0.0         0         0           10 dem 0.0         0         0           20 dB 0.0         0         0           -30 dBm 0.0         -0         0           -50 dBm 0.0         -0         -0           -60 dBm 0.0         -0         -0           -70 dBm 0.0         -0         -0	ffset 1.00 dB ⊕ RBW 1 MHz WT 1 ms ⊕ VBW 3 MHz	Mode Auto Sweep  Mi[1]  Di[1]  Di[1]	-0.01 dBm 2.401750 GH2 0.59 dD 78 3H2 H4 					
Ref Level 15,0 dem 0,0	Image: Description         Image: Description         Image: Description           Image: Description         Image: Description         Image: Description	Mode Auto Sweep  Mi[1]  Di[1]  Di[1]	-0.01 dBm 2.401750 Gr2 0.59 dD 78 3452444					
Ref Level 15,0 dem 0,0	Image: Description         Image: Description         Image: Description           Image: Description         Image: Description         Image: Description	Mode Auto Sweep           Mi[1]           D1[1]           Image: Image of the system	-0.01 dBm 2.401750 GH2 0.59 dD 78 3H2 H4 					

# 5.7. 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
- Use the following spectrum analyzer settings: Span = zero span, centered on a hopping channel, RBW= 1 MHz, VBW ≥ 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 3.3

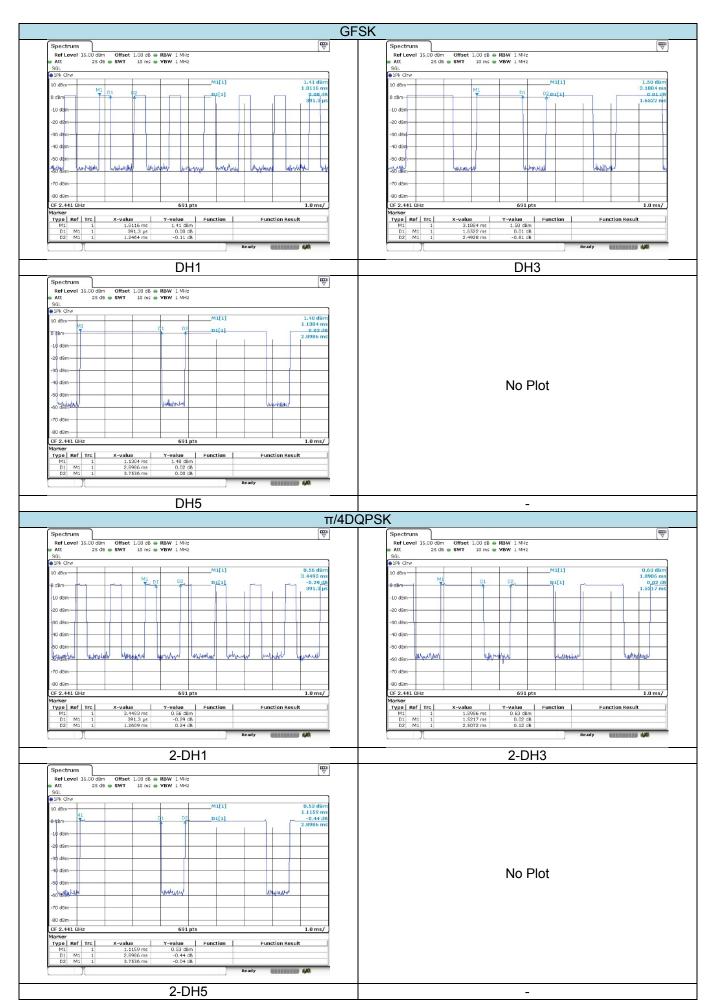
#### **TEST RESULTS**

#### ☑ Passed □ Not Applicable

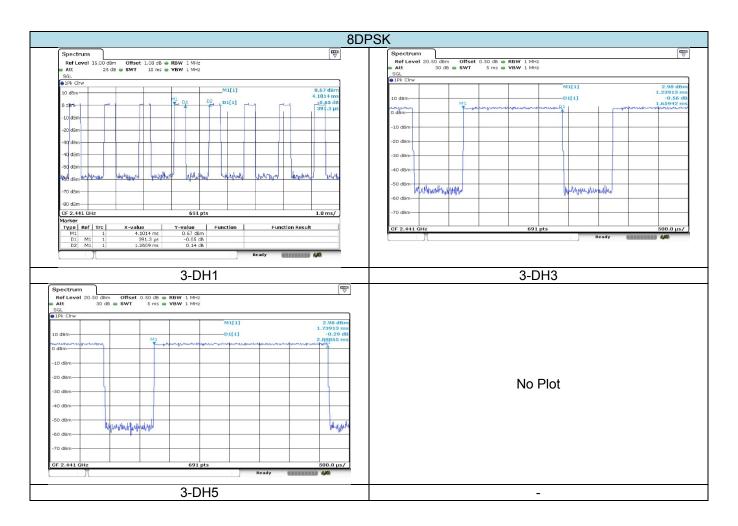
Modulation type	Modulation type Channel		Limit (Second)	Result	
	DH1	0.125			
GFSK	DH3	0.264	0.40	Pass	
	DH5	0.309			
	2-DH1	0.125			
π/4DQPSK	2-DH3	0.243	0.40	Pass	
	2-DH5	0.309			
	3-DH1	0.125			
8DPSK	3-DH3	0.262	0.40	Pass	
	3-DH5	0.308			

Note:

- 1. We have tested all mode at high, middle and low channel, and recoreded worst case at middle channel.
- Dwell time=Pulse time (ms) × (1600 ÷ 2 ÷ 79) ×31.6 Second for DH1, 2-DH1, 3-DH1
   Dwell time=Pulse time (ms) × (1600 ÷ 4 ÷ 79) ×31.6 Second for DH3, 2-DH3, 3-DH3
   Dwell time=Pulse time (ms) × (1600 ÷ 6 ÷ 79) ×31.6 Second for DH5, 2-DH5, 3-DH5



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# 5.8. Pseudorandom Frequency Hopping Sequence

#### LIMIT

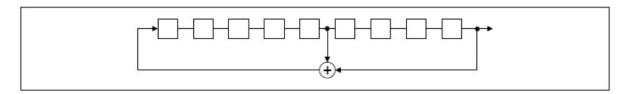
FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(1):

Frequency hopping systems shall have hopping channel carrier fre-quencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hop-ping channel, whichever is greater. Al-ternatively, frequency hopping systems operating in the 2400–2483.5 MHz band may have hopping channel carrier fre-quencies 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 ran-domly ordered list of hopping fre-quencies. Each frequency must be used equally on the average by each trans-mitter. The system receivers shall have input bandwidths that match the hop-ping channel bandwidths of their cor-responding transmitters and shall shift frequencies in synchronization with the transmitted signals.

#### TEST RESULTS

The pseudorandom frequency hopping sequence may be generated in a nice-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 friststage. The sequence begins with the frist 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:29-1=511 bits
- Longest sequence of zeros: 8 (non-inverted signal)



# Linear Feedback Shift Register for Generation of the PRBS sequence

An explame of pseudorandom frequency hopping sequence as follows:

0	2	4	6	62	64	78	1	73 75
					L E			
						1		

Each frequency used equally one the average by each transmitter.

The system receiver have input bandwidths that match the hopping channel bandwidths of their corresponding transmitter and shift frequencies in synchronization with the transmitted signals.

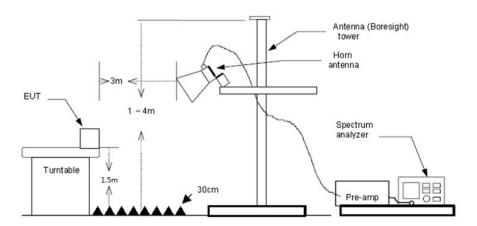
# 5.9. Restricted band (radiated)

#### 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 emission limits specified in §15.209(a) (see §15.205(c)).

#### **TEST CONFIGURATION**



#### TEST PROCEDURE

- 1. The EUT was setup and tested according to ANSI C63.10:2013 for compliance to FCC 47CFR 15.247 requirements.
- 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 waspositioned 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 themaximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.
- The receiver set as follow: RBW=1 MHz, VBW=3 MHz for Peak value RBW=1 MHz, VBW=10 Hz for Average value.

#### TEST MODE:

Please refer to the clause 3.3

#### TEST RESULTS

#### ☑ Passed □ Not Applicable

Note:

- 1) Final level= Read level + Antenna Factor+ Cable Loss- Preamp Factor
- Have pre-scan all modulation mode, found the GFSK modulation which it was worst case, so only the worst case's data on the test report.
- 3) The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.

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					CH00				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
2310.00	34.93	28.05	6.62	37.65	31.95	74.00	-42.05	Vertical	
2390.03	34.68	27.65	6.75	37.87	31.21	74.00	-42.79	Vertical	Peak
2310.00	36.52	28.05	6.62	37.65	33.54	74.00	-40.46	Horizontal	геак
2390.01	35.54	27.65	6.75	37.87	32.07	74.00	-41.93	Horizontal	
2310.00	23.88	28.05	6.62	37.65	20.90	54.00	-33.10	Vertical	
2390.00	23.55	27.65	6.75	37.87	20.08	54.00	-33.92	Vertical	Average
2310.00	24.72	28.05	6.62	37.65	21.74	54.00	-32.26	Horizontal	Average
2390.00	24.39	27.65	6.75	37.87	20.92	54.00	-33.08	Horizontal	

	CH78										
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value		
2483.50	56.22	27.26	6.83	37.87	52.44	74.00	-21.56	Vertical			
2500.00	36.68	27.20	6.84	37.87	32.85	74.00	-41.15	Vertical	Peak		
2483.50	57.07	27.26	6.83	37.87	53.29	74.00	-20.71	Horizontal	гсак		
2500.00	35.46	27.20	6.84	37.87	31.63	74.00	-42.37	Horizontal			
2483.50	24.49	27.26	6.83	37.87	20.71	54.00	-33.29	Vertical			
2500.00	23.10	27.20	6.84	37.87	19.27	54.00	-34.73	Vertical	Average		
2483.50	24.53	27.26	6.83	37.87	20.75	54.00	-33.25	Horizontal	Average		
2500.00	22.82	27.20	6.84	37.87	18.99	54.00	-35.01	Horizontal			

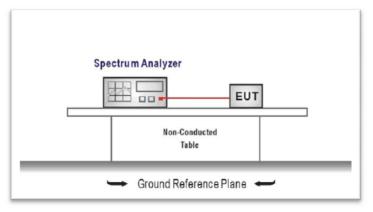
# 5.10. Bandedge and Spurious Emission (conducted)

#### 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. 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
- Use the following spectrum analyzer settings: RBW = 100 kHz, VBW ≥ RBW
   Sweep = auto, Detector function = peak, Trace = max hold
- 4. Measure and record the results in the test report.

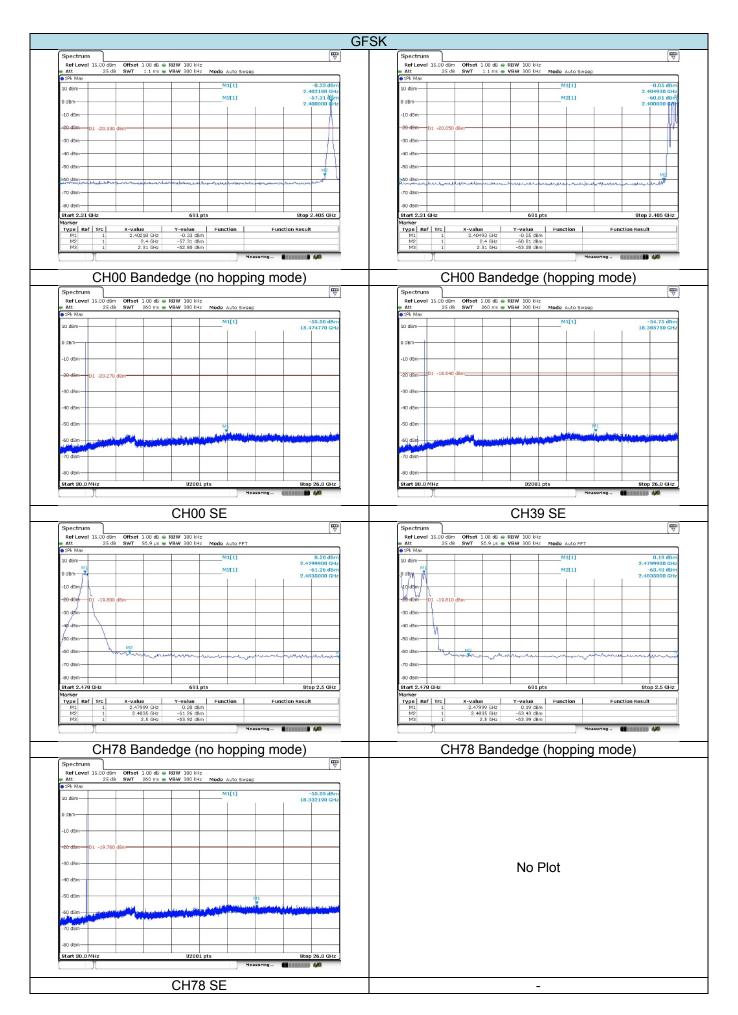
#### TEST MODE:

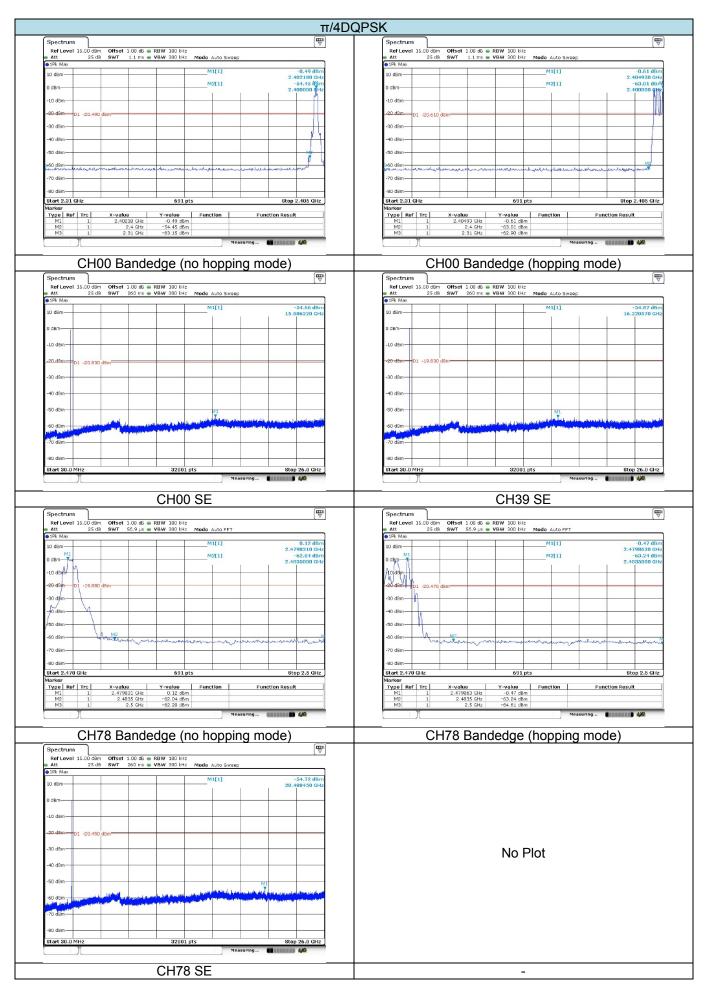
Please refer to the clause 3.3

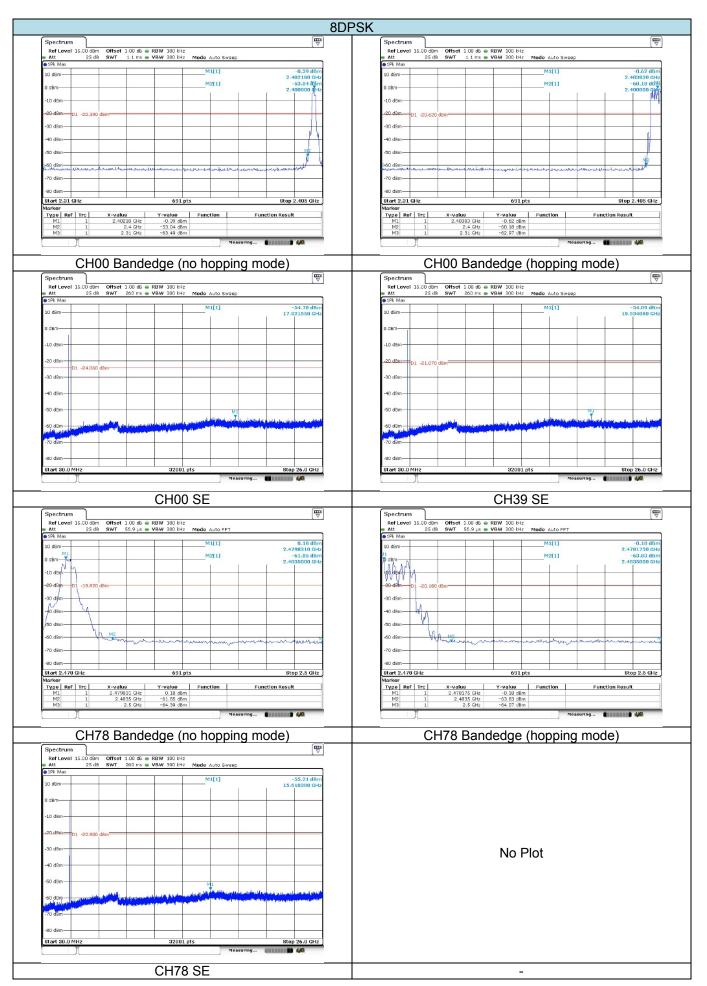
#### **TEST RESULTS**

☑ Passed □ Not Applicable

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# 5.11. Spurious Emission (radiated)

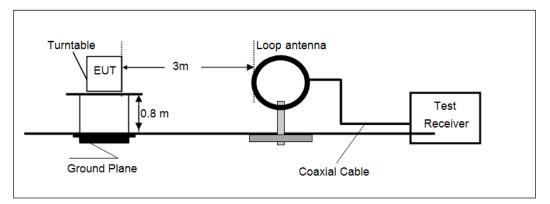
<u>LIMIT</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.209

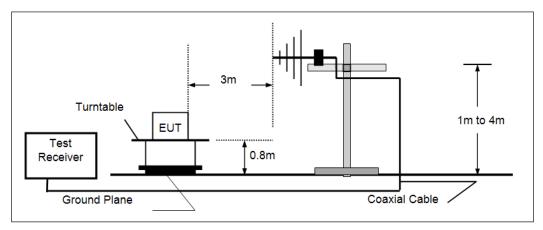
Frequency	Limit (dBuV/m @3m)	Value	
30 MHz ~ 88 MHz	40.00	Quasi-peak	
88 MHz ~ 216 MHz	43.50	Quasi-peak	
216 MHz ~ 960 MHz	46.00	Quasi-peak	
960 MHz ~ 1 GHz	54.00	Quasi-peak	
Above 1 GHz	54.00	Average	
Above I GHZ	74.00	Peak	

# **TEST CONFIGURATION**

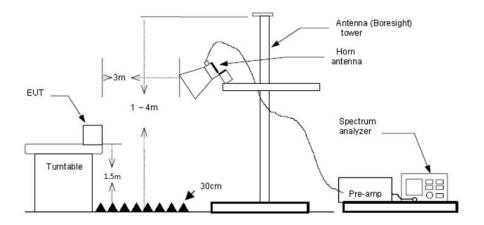
Below 30 MHz



> 30 MHz ~1000 MHz



> Above 1 GHz



## TEST PROCEDURE

- 1. The EUT was tested according to ANSI C63.10:2013 for compliance to FCC 47CFR 15.247 requirements.
- 2. The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated360 degrees to determine the position of the maximum emission level.
- 3. The EUT waspositioned 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.
- 5. Use the following spectrum analyzer settings
  - (1) Span shall wide enough to fully capture the emission being measured;
    - (2) 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 detectoris 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, theemission measurement will be repeated using the quasi-peak detector and reported.
    - (3) Above 1 GHz, RBW=1 MHz, VBW=3 MHz for Peak value
      - RBW=1 MHz, VBW=10 Hz for Average value.

#### TEST MODE:

Please refer to the clause 3.3

### TEST RESULTS

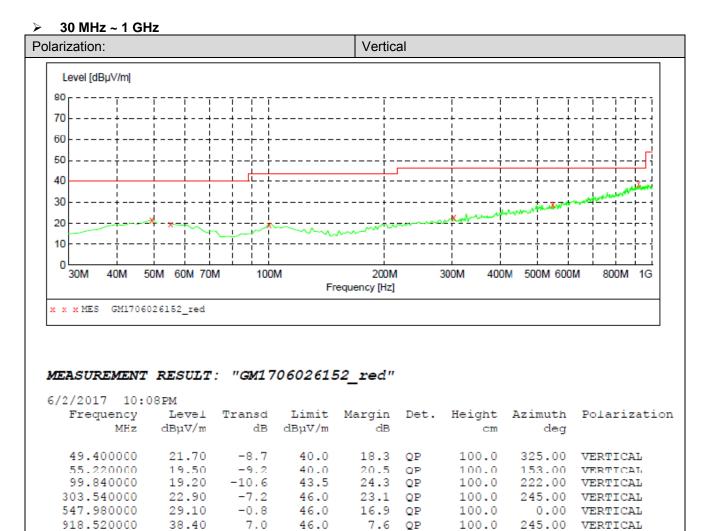
### ☑ Passed □ Not Applicable

Note:

- 1) Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2) The emission levels of other frequencies are very lower than the limit and not show in test report.
- 3) Below 1 GHz, Have pre-scan all modulation mode, found the GFSK modulation High channel which it was worst case, so only the worst case's data on the test report.
- 4) Above 1 GHz, Have pre-scan all modulation mode, found the GFSK modulation which it was worst case, so only the worst case's data on the test report
- 5) The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.

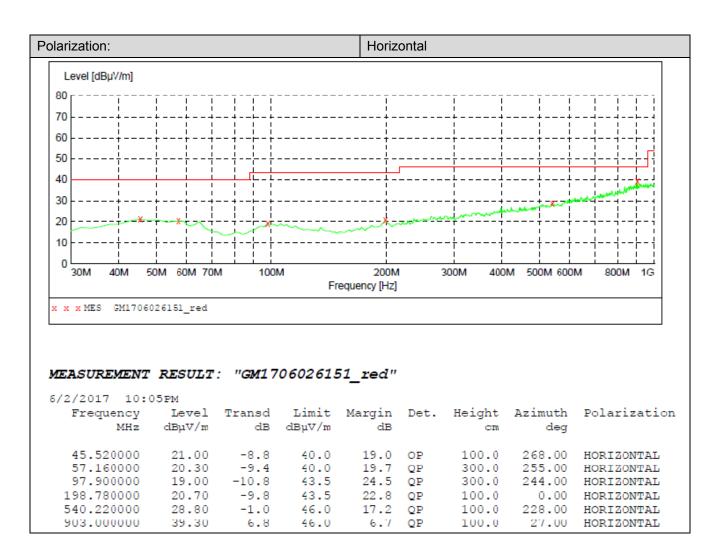
#### ➢ 9 kHz ~ 30 MHz

The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.



903.000000

39.30



27.00 HORIZONTAL

	CH00 for GFSK											
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value			
1724.17	39.04	25.25	5.81	36.98	33.12	74.00	-40.88	Vertical				
3883.62	37.14	29.68	8.62	38.18	37.26	74.00	-36.74	Vertical	Peak			
4809.50	44.26	31.58	9.55	36.93	48.46	74.00	-25.54	Vertical	reak			
7063.69	34.67	35.49	11.85	34.88	47.13	74.00	-26.87	Vertical				
1431.78	38.67	25.87	5.09	36.50	33.13	74.00	-40.87	Horizontal				
4809.50	51.62	31.58	9.55	36.93	55.82	74.00	-18.18	Horizontal	Peak			
6032.40	40.84	32.50	10.73	35.42	48.65	74.00	-25.35	Horizontal	reak			
7209.02	36.20	36.21	11.87	35.07	49.21	74.00	-24.79	Horizontal				
4809.50	29.87	31.58	9.55	36.93	34.07	54.00	-19.93	Horizontal	Average			

	CH39 for GFSK											
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value			
1958.19	39.21	25.89	6.21	37.27	34.04	74.00	-39.96	Vertical				
3561.64	38.42	29.19	8.21	38.32	37.50	74.00	-36.50	Vertical	Peak			
4883.52	54.28	31.43	9.59	36.73	58.57	74.00	-15.43	Vertical	reak			
7319.96	36.92	36.30	11.99	34.92	50.29	74.00	-23.71	Vertical				
4883.52	27.33	31.43	9.59	36.73	31.62	54.00	-22.38	Vertical	Average			
1464.96	36.99	25.83	5.19	36.54	31.47	74.00	-42.53	Horizontal				
3534.54	37.20	29.10	8.17	38.36	36.11	74.00	-37.89	Horizontal	Deek			
4883.52	41.79	31.43	9.59	36.73	46.08	74.00	-27.92	Horizontal	Peak			
7413.73	33.26	36.27	12.11	34.83	46.81	74.00	-27.19	Horizontal				

				CH78	8 for GFSK				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
1514.25	38.45	25.67	5.33	36.61	32.84	74.00	-41.16	Vertical	
4065.71	36.84	29.83	8.83	37.96	37.54	74.00	-36.46	Vertical	Peak
4958.68	45.80	31.46	9.64	36.52	50.38	74.00	-23.62	Vertical	reak
8083.96	33.71	37.02	12.50	34.54	48.69	74.00	-25.31	Vertical	
4958.68	29.11	31.46	9.64	36.52	33.69	54.00	-20.31	Vertical	Average
1814.22	37.67	25.39	5.98	37.15	31.89	74.00	-42.11	Horizontal	
3662.78	36.35	29.30	8.34	38.26	35.73	74.00	-38.27	Horizontal	Peak
4958.68	55.16	31.46	9.64	36.52	59.74	74.00	-14.26	Horizontal	reak
7961.43	34.36	36.95	12.49	34.63	49.17	74.00	-24.83	Horizontal	
4958.68	34.44	31.46	9.64	36.52	39.02	54.00	-14.98	Horizontal	Average

# 6. Test Setup Photos of the EUT

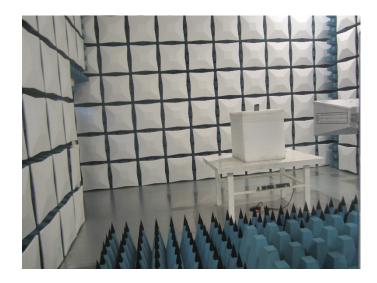
Conducted Emission (AC Mains)



Radiated Emission







# 7. External and Internal Photos of the EUT

Reference to Test Report No.: TRE1705022401.

.....End of Report.....