

Channel 19	9 (2440MHz)			
100kHz PSD reference Level	Spurious Emission 30MHz ~ 25GHz			
Sector 1 Provide Biological Control Biologica	Specification Matheware Specification Matheware Specification No Matheware Mathewar			
Channel 39 (2480MHz)				
100kHz PSD reference Level	High Band Edge			
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Spectrum Analyzer 1				







Channel 39 (2480MHz)					
100kHz PSD reference Level		High Band Edge			
KEYSIGHT mod. Rf: Call of the second of t	Marker Image: Control of the second	Specification Analyzer 1 Implif 2:00 mm Marker 10:00 mm Proc Best Wide Aug Type: Log From 2:34:00 mm Specification Specification<			
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6.6. Radiated Spurious Emission Measurement

6.6.1.Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47

CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209			
Frequency (MHz)	Field Strength (µV/m)	Measured Distance (m)	
0.009 - 0.490	2400/F (kHz)	300	
0.490 - 1.705	24000/F (kHz)	30	
1.705 - 30	30	30	
30 - 88	100	3	
88 - 216	150	3	
216 - 960	200	3	
Above 960	500	3	

6.6.2.Test Procedure Used

ANSI C63.10-2013 - Section 6.3

ANSI C63.10-2013 - Section 6.4

ANSI C63.10-2013 - Section 6.5

ANSI C63.10-2013 - Section 6.6

6.6.3.Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz



Quasi-Peak Measurements below 1GHz

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

Peak Measurements above 1GHz

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

Average Measurements above 1GHz (Method VB)

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10Hz

If the EUT duty cycle is < 98%, set VBW \geq 1/T. T is the minimum transmission duration

- 4. Detector = Peak
- 5. Sweep time = auto
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize