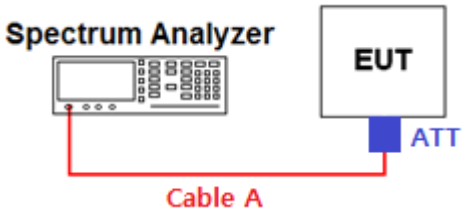
APPENDIX I

Conducted Test set up Diagram & Path loss Information

- **Conducted Measurement**



Path loss information

Frequency (GHz)	Path Loss (dB)	Frequency (GHz)	Path Loss (dB)
0.03	3.37	15	4.72
1	3.46	20	4.98
2.412 & 2.422 & 2.437 & 2.452 & 2462	3.79	25	5.29
5	3.93	-	-
10	4.45	-	-

Note. 1: The path loss from EUT to Spectrum analyzer was measured and used for test.
Path loss (S/A's correction factor) = Cable A (Attenuator, Applied only when it was used externally)

APPENDIX II

Duty cycle plots

▣ **TEST PROCEDURE**

Duty Cycle measured using **section 6.0 b) of KDB558074**

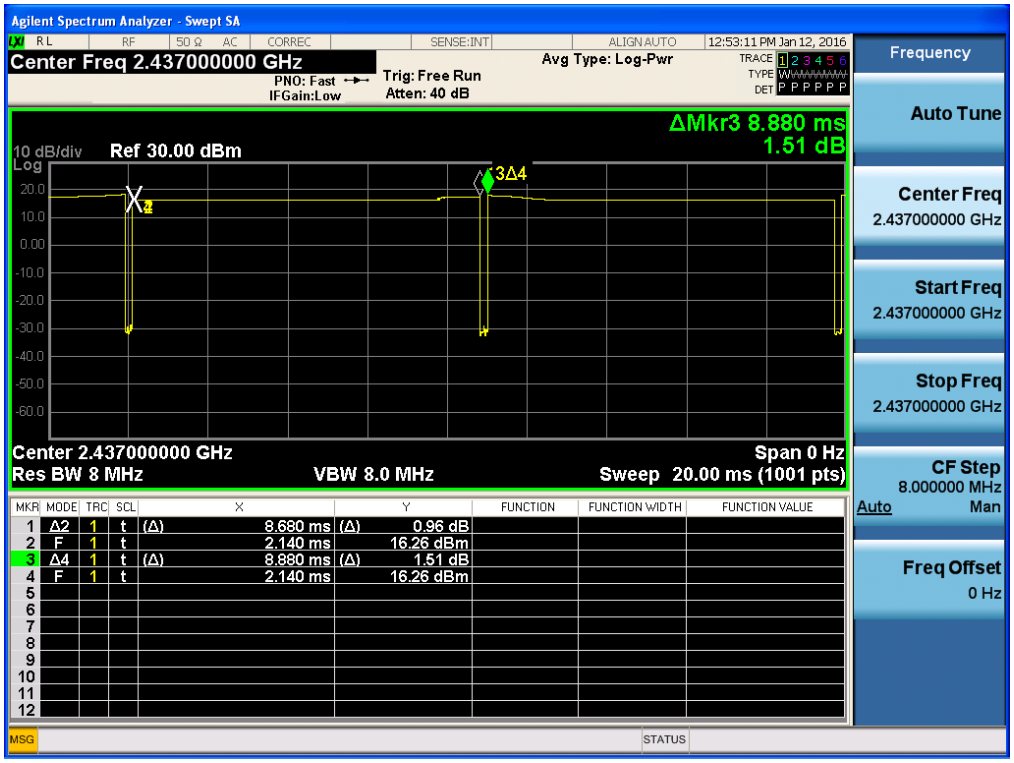
The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal.

Set the center frequency of the instrument to the center frequency of the transmission. Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value. Set VBW ≥ RBW. Set detector = peak or average.

The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if T ≤ 16.7 microseconds.)

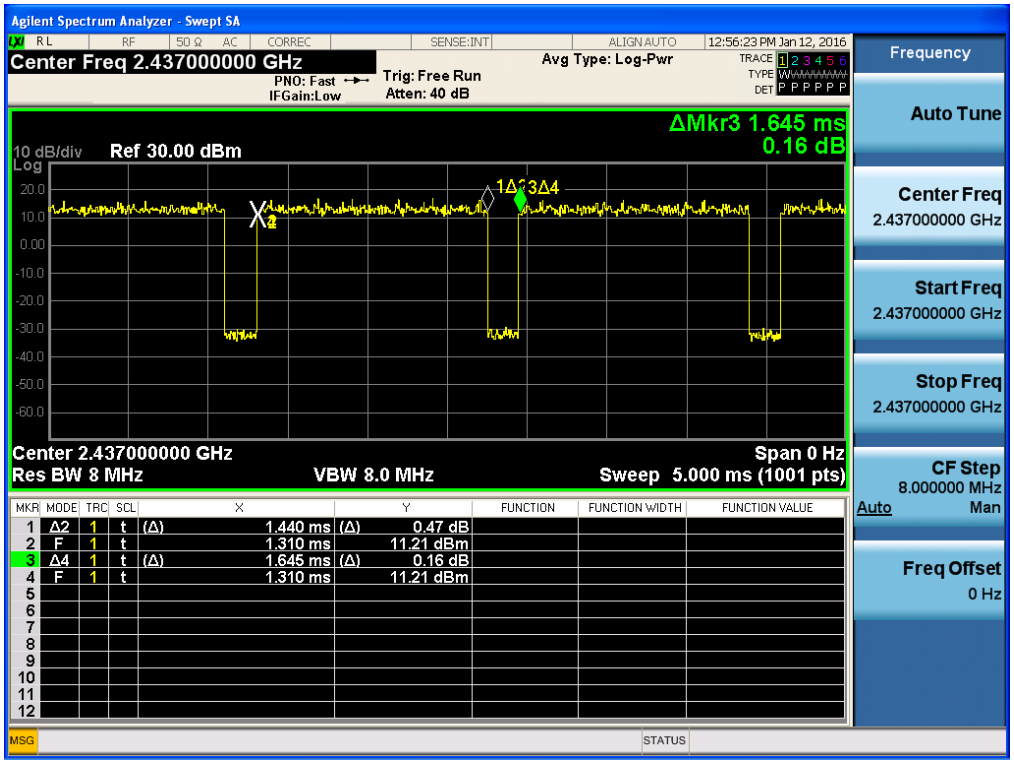
Test Plots :

Duty Cycle Test Mode: 802.11b & 1 Mbps & 2437 MHz



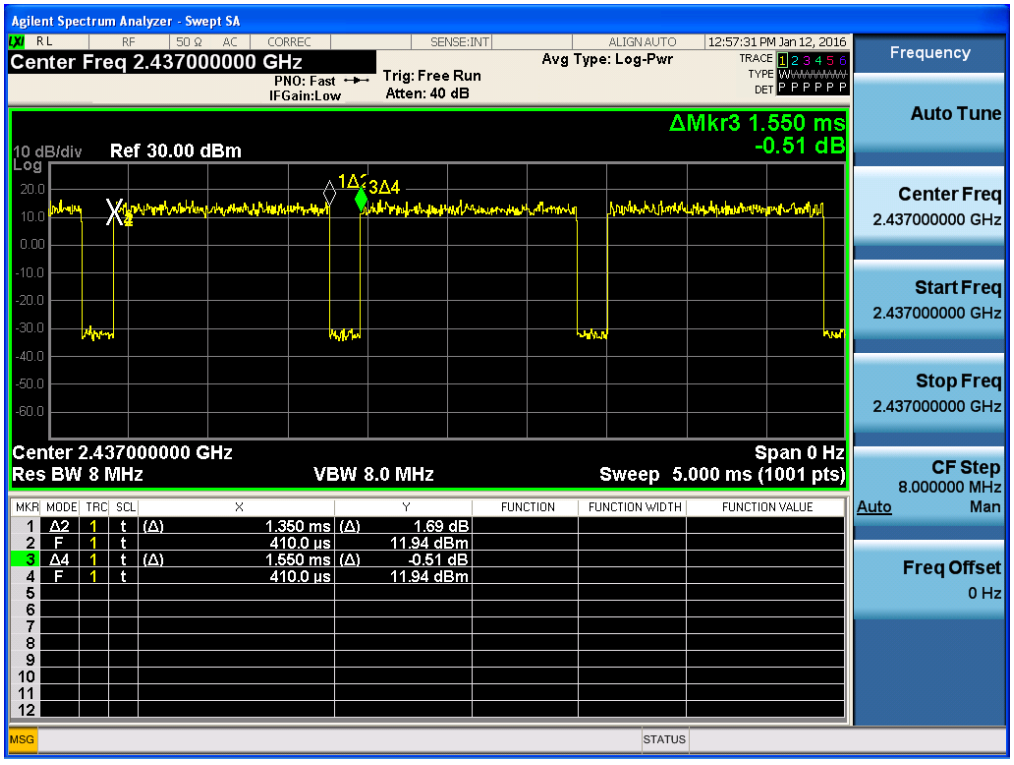
Duty Cycle

Test Mode: 802.11g & 6 Mbps & 2437 MHz



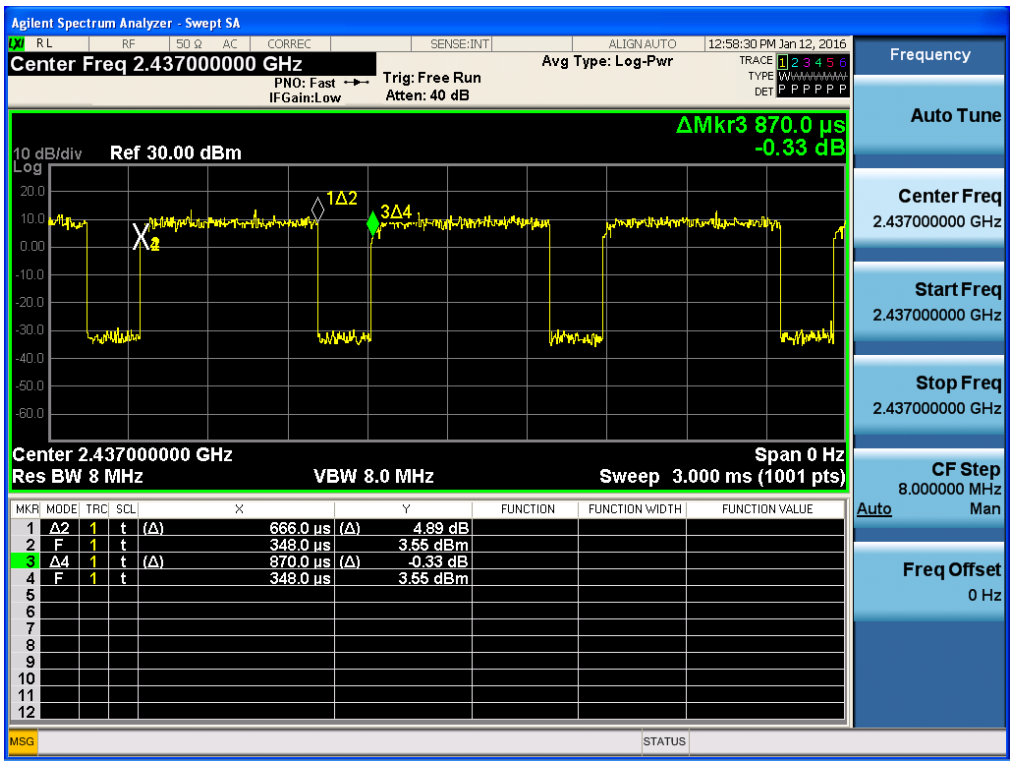
Duty Cycle

Test Mode: 802.11n (HT20) & MCS 0 & 2437 MHz



Duty Cycle

Test Mode: 802.11n (HT40) & MCS 0 & 2437 MHz

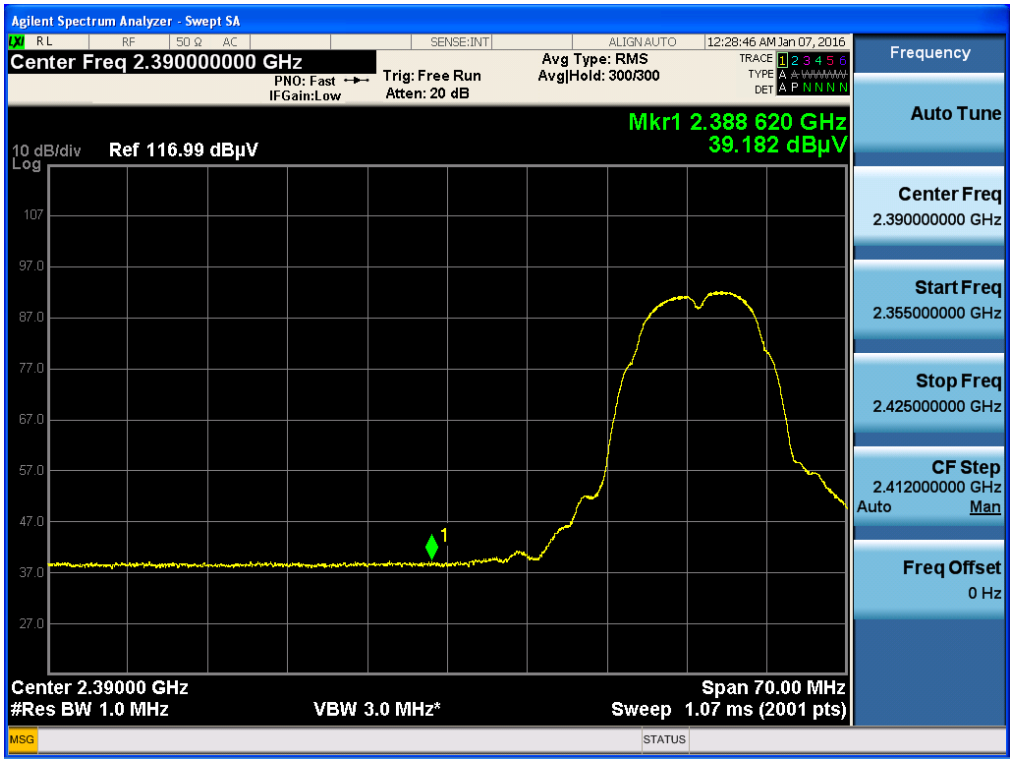


APPENDIX III

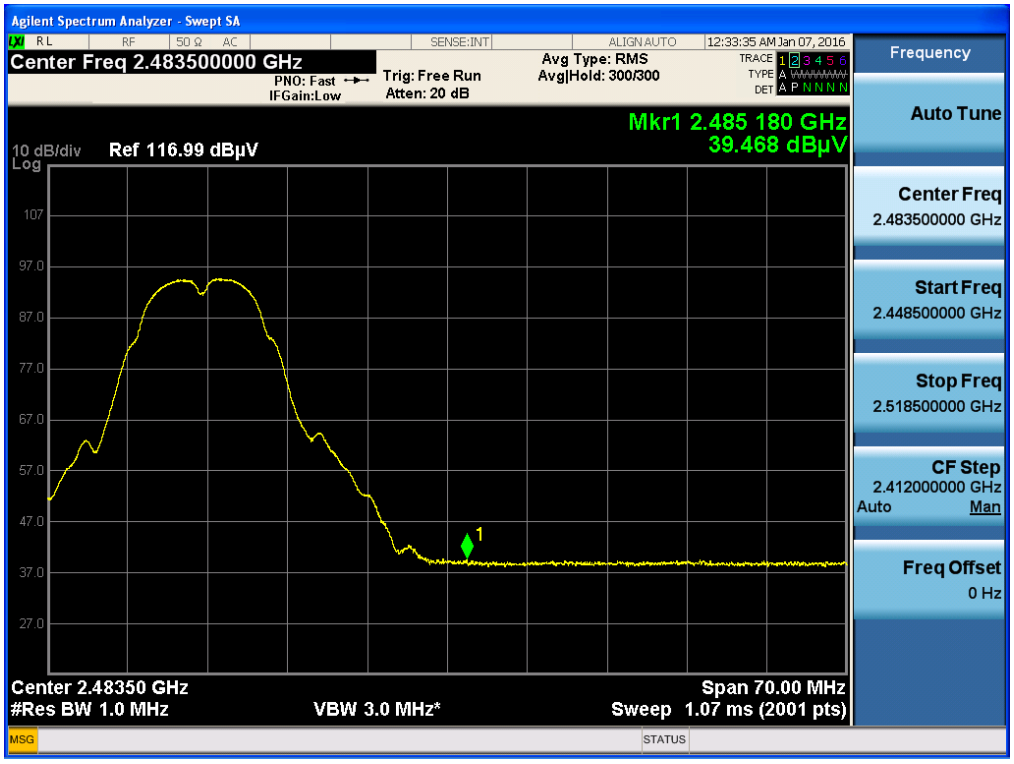
Restricted band edge(Test plot of radiated)

Note: The offset was not include in test plot. (Reading value). The results refer to the clause 8.5.

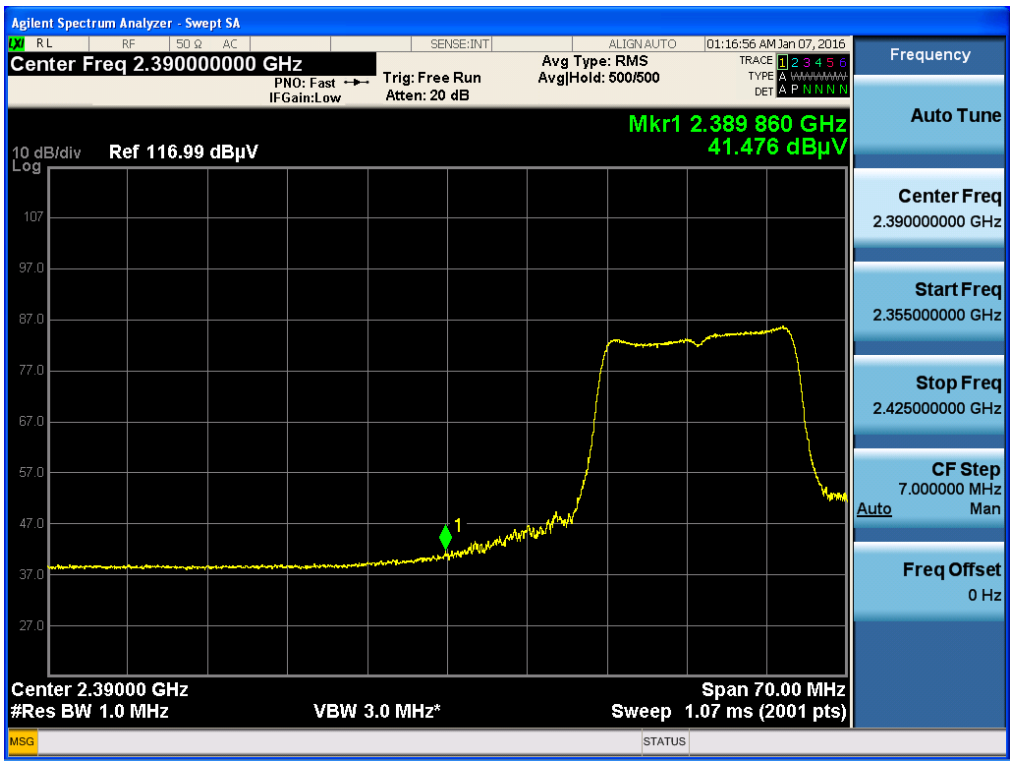
802.11b & Lowest **Detector Mode : AV**



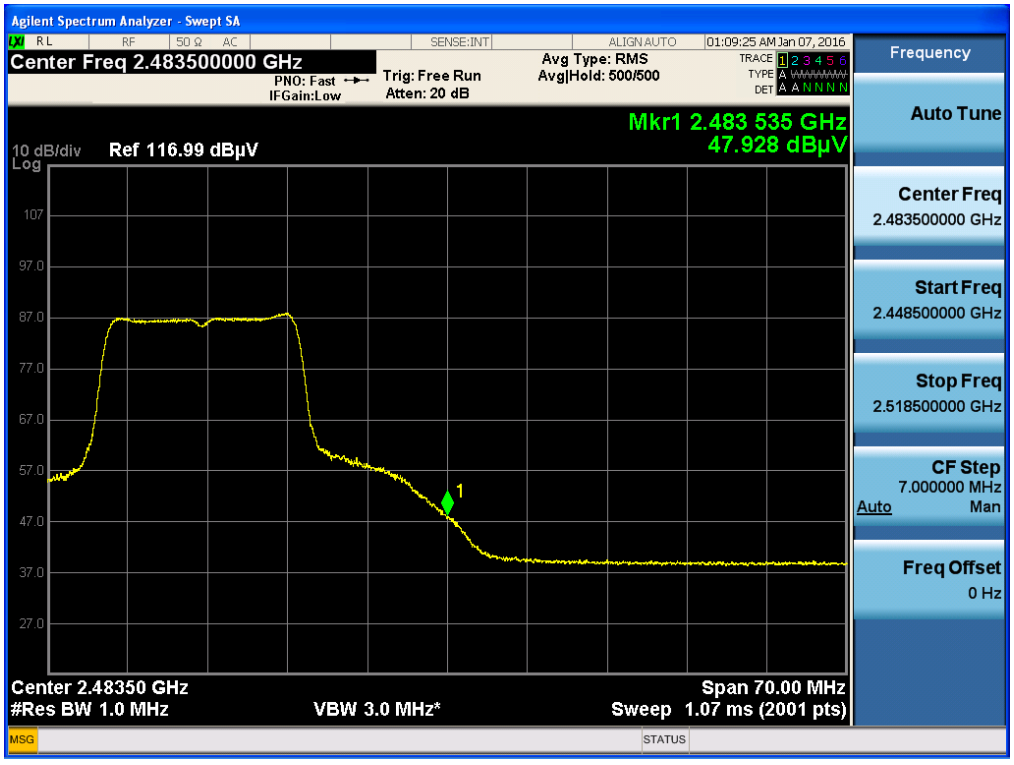
802.11b & Highest **Detector Mode : AV**



802.11g & Lowest — Detector Mode : AV

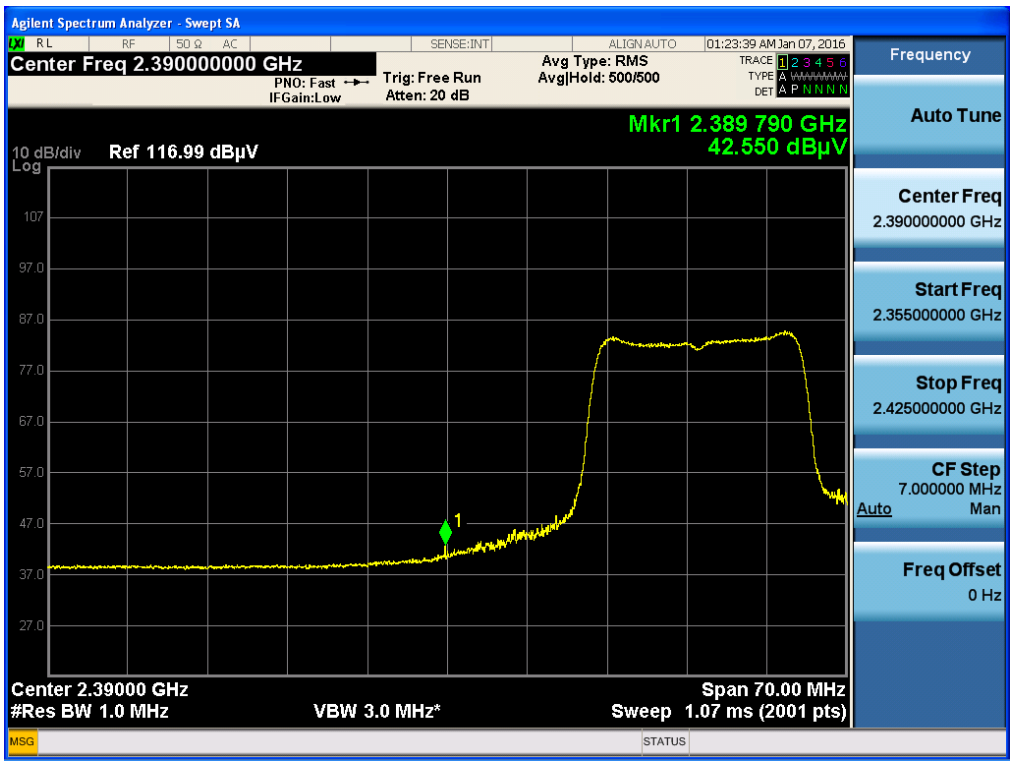


802.11g & Highest — Detector Mode : AV



802.11n (HT20) & Lowest

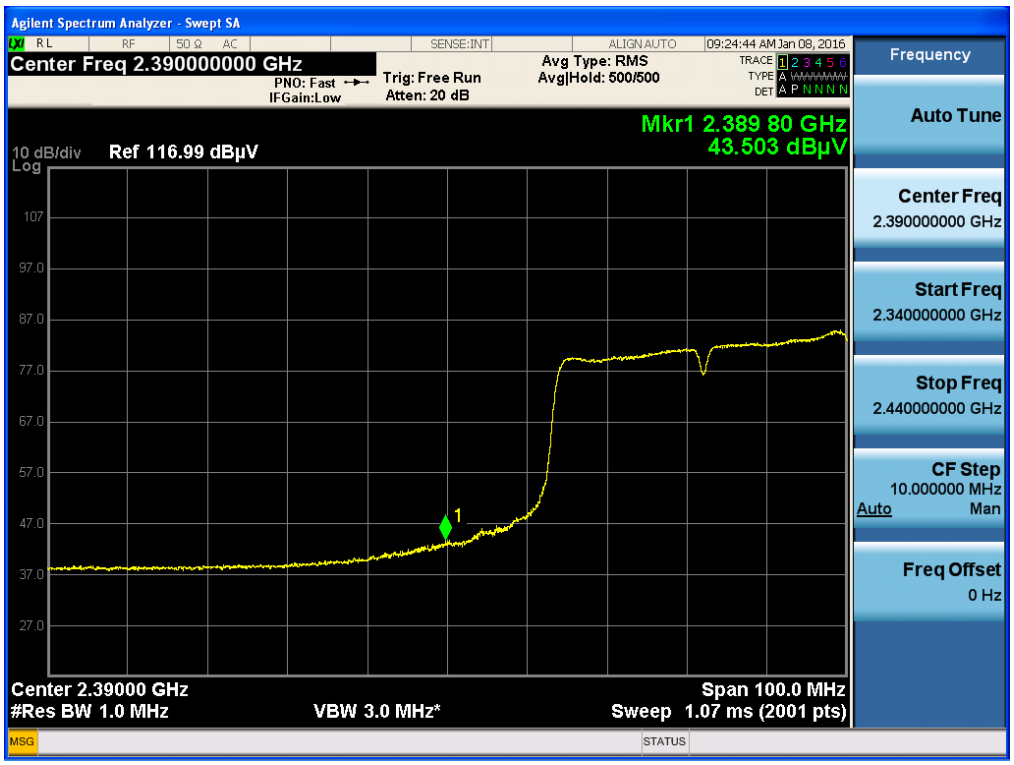
Detector Mode : AV



802.11n (HT20) & Highest

Detector Mode : AV

802.11n (HT40) & Lowest — Detector Mode : AV



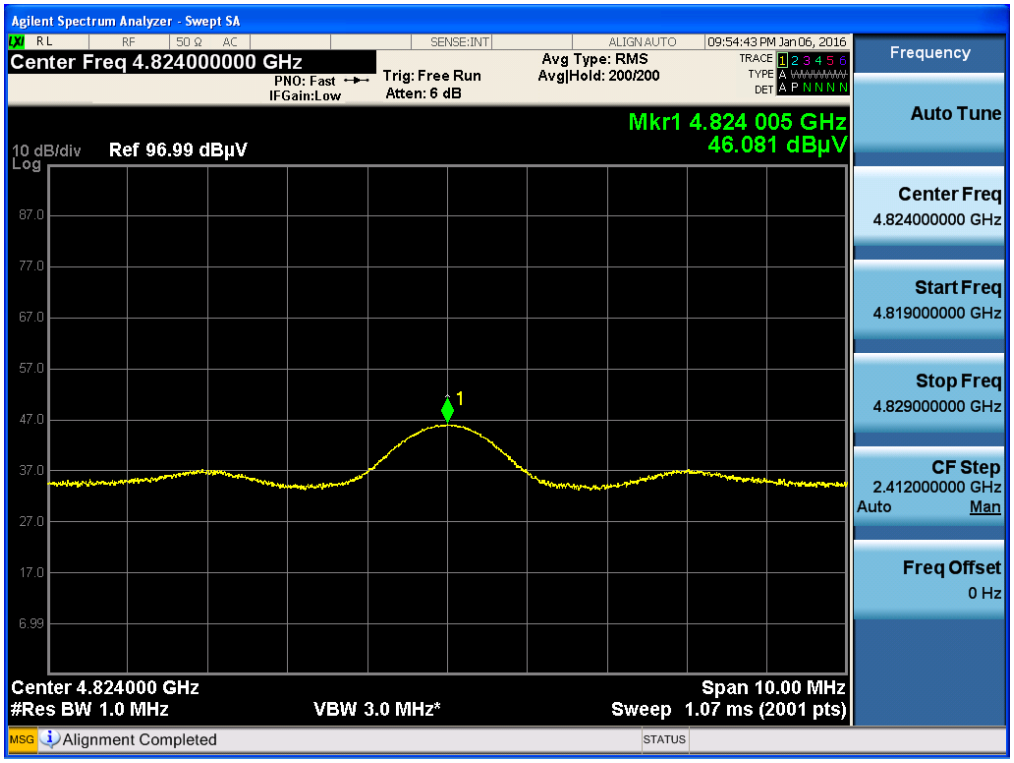
802.11n (HT40) & Highest — Detector Mode : AV

Spurious emission.(Test plot of radiated)

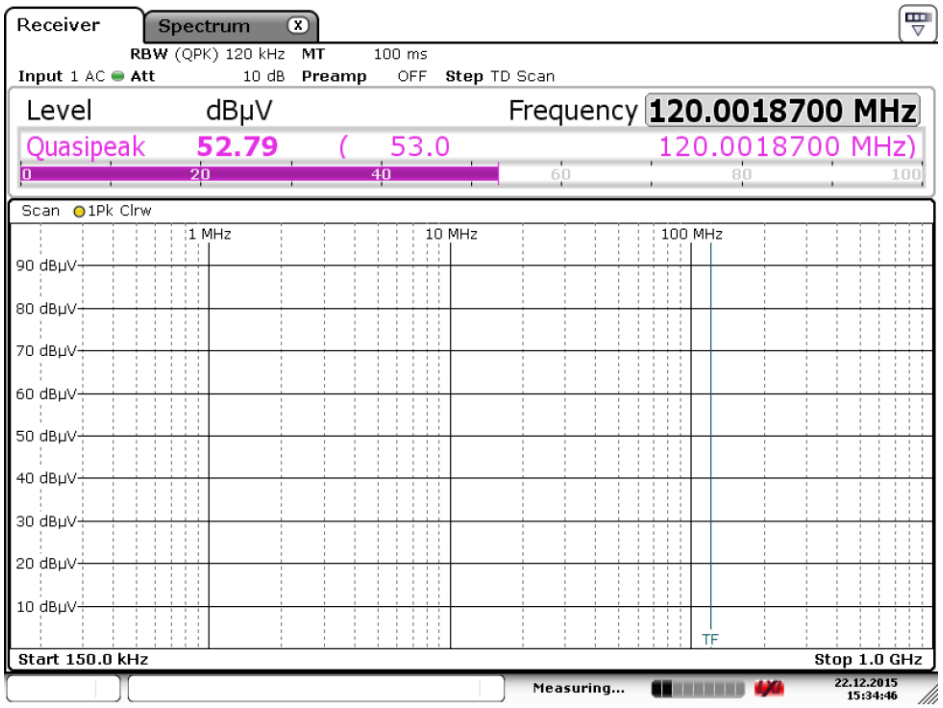
Note: Attached plot of worst data.

The offset was not include in test plot.(Reading value) The results refer to the clause 8.5.

802.11b & Lowest **Detector Mode : AV**

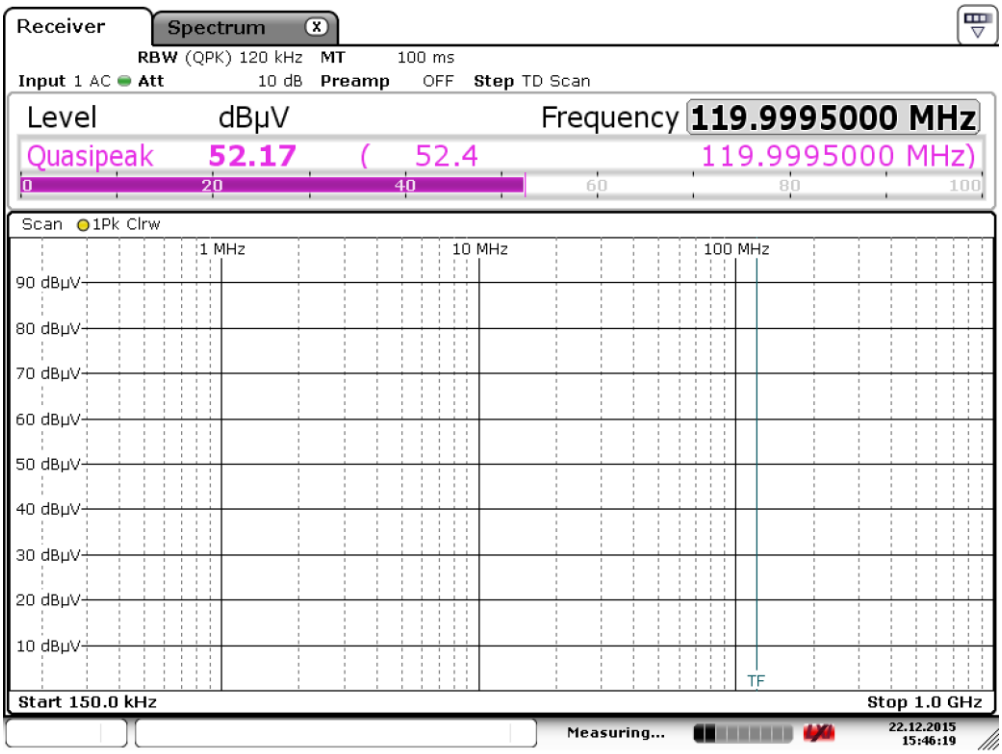


802.11g & Highest **Detector Mode : QP**



Date: 22.DEC.2015 15:34:46

802.11n(HT20) & Middle **Detector Mode : QP**



802.11n(HT40) & Lowest **Detector Mode : QP**