

## A. Plots taken during tests

### A.1 AC Power Line Conducted Emissions

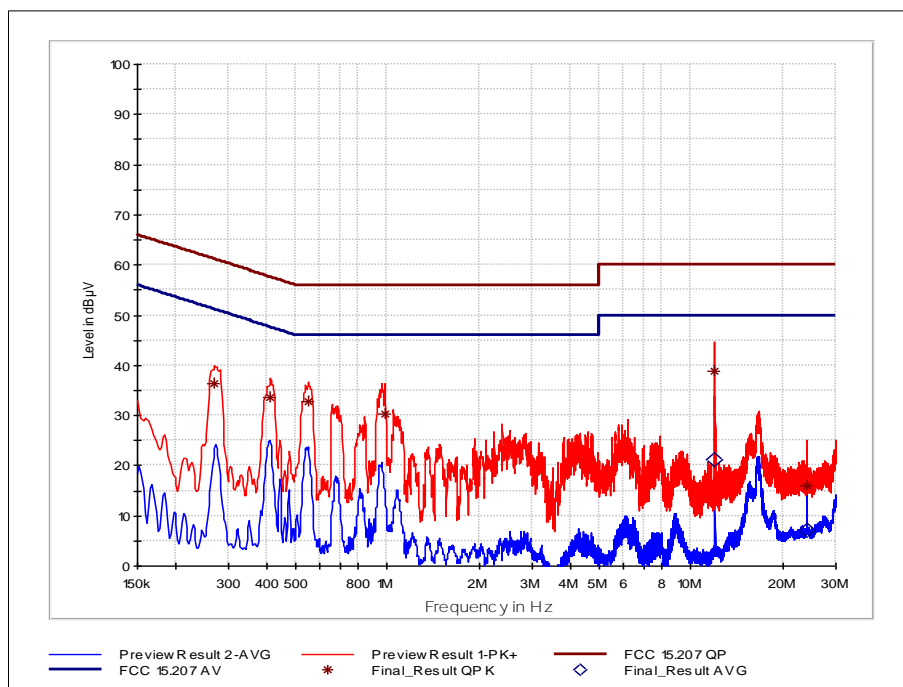


Figure 1 - Live Line - 150 kHz to 30 MHz

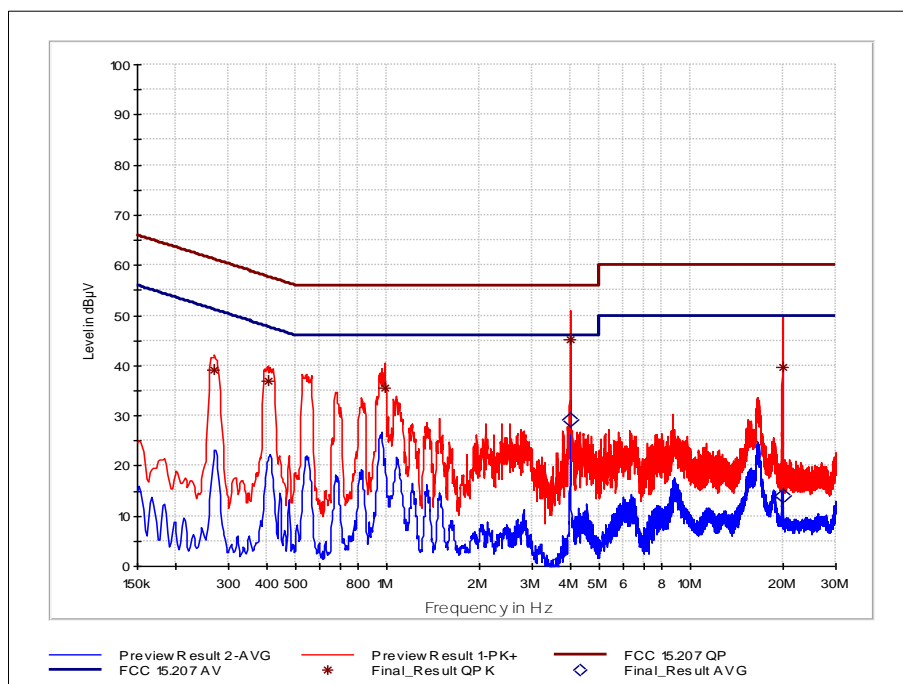
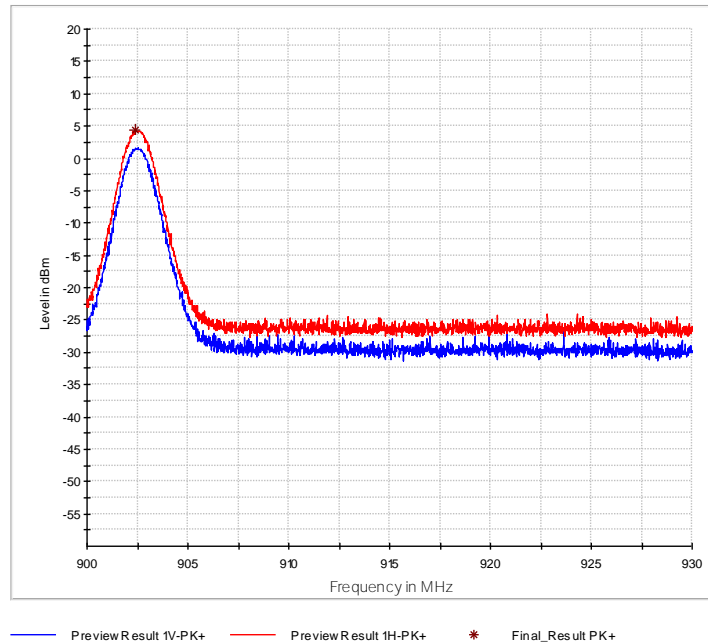


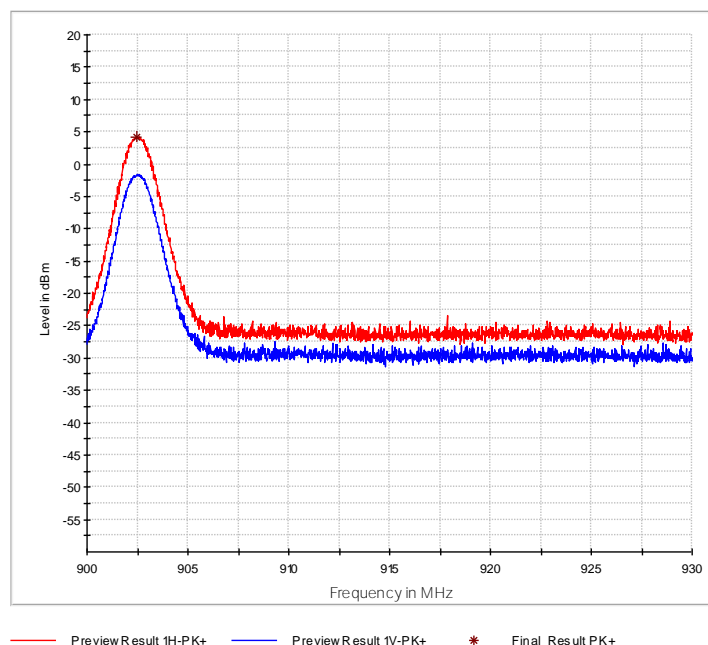
Figure 2 - Neutral Line - 150 kHz to 30 MHz



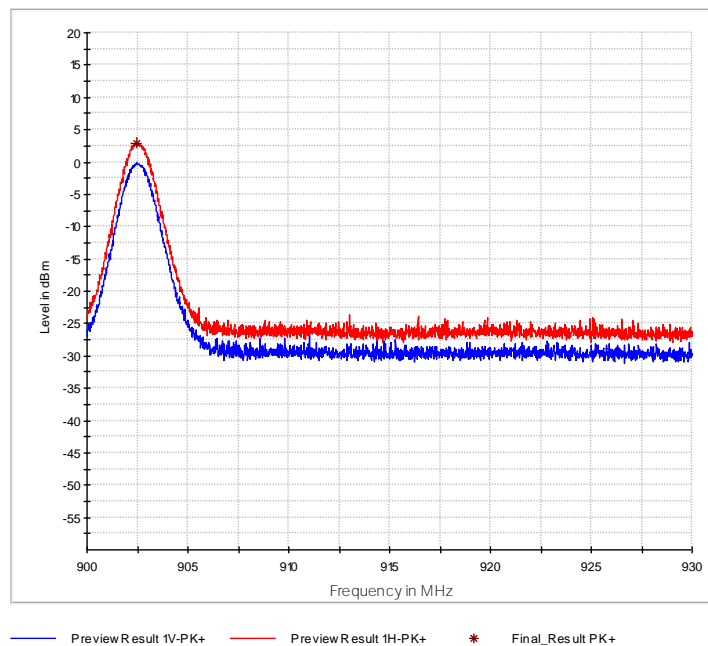
## A.2 Maximum conducted output power



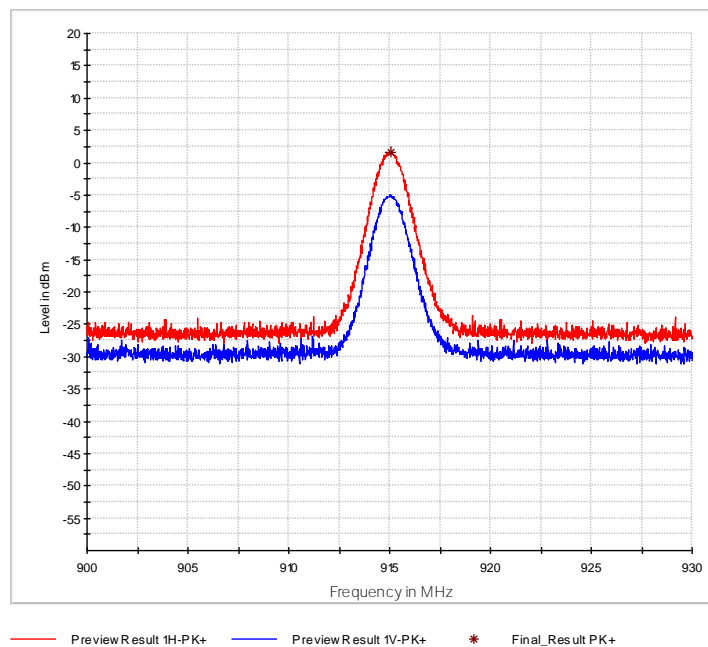
**Figure 3 – Lowest channel – EUT flat on table**



**Figure 4 – Lowest channel – EUT on long side**



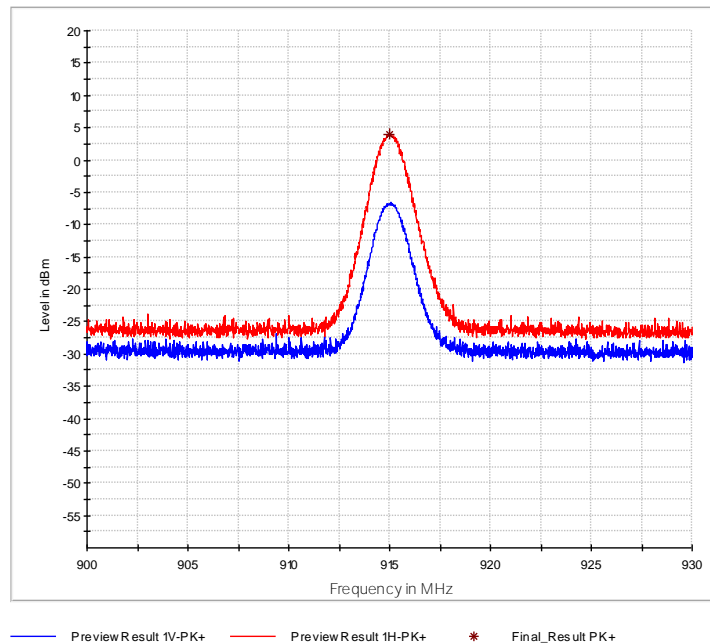
**Figure 5 – Lowest channel – EUT in upright position**



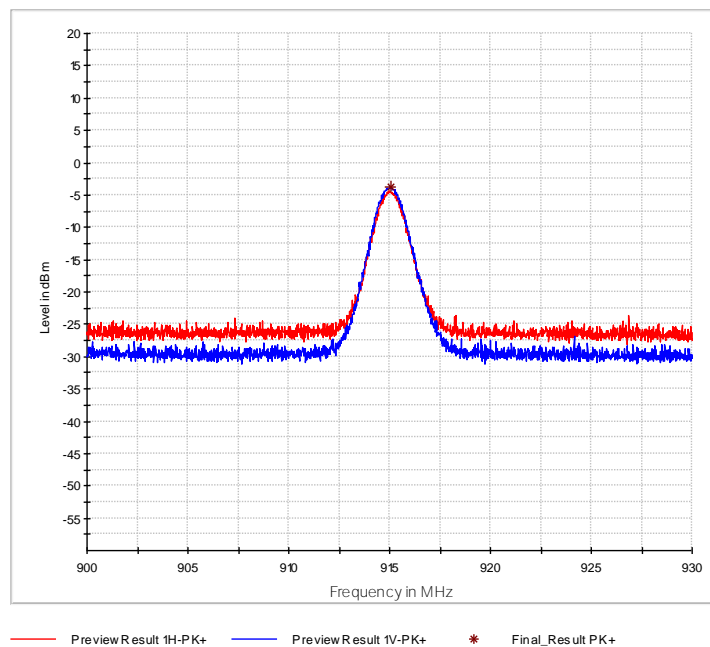
**Figure 6 – Middle channel – EUT flat on table**



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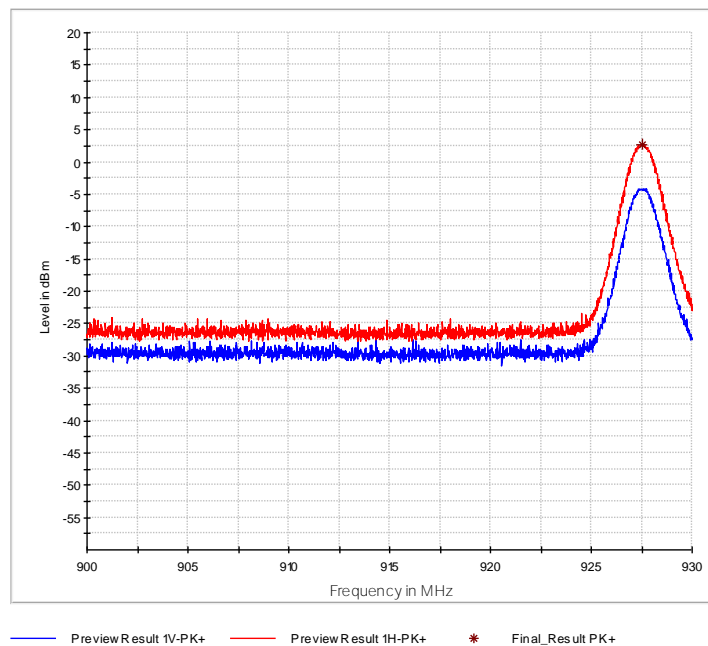
**Figure 7 – Middle channel – EUT on long side**



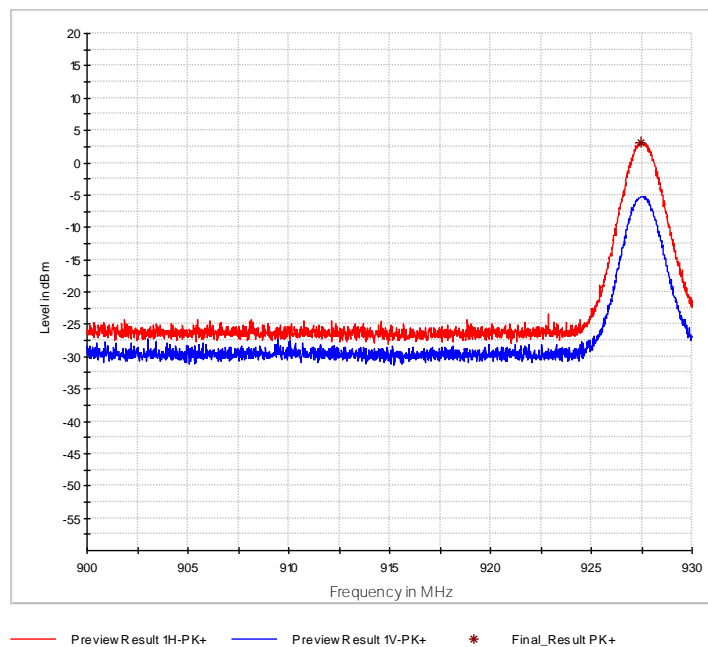
**Figure 8 – Middle channel – EUT in upright position**



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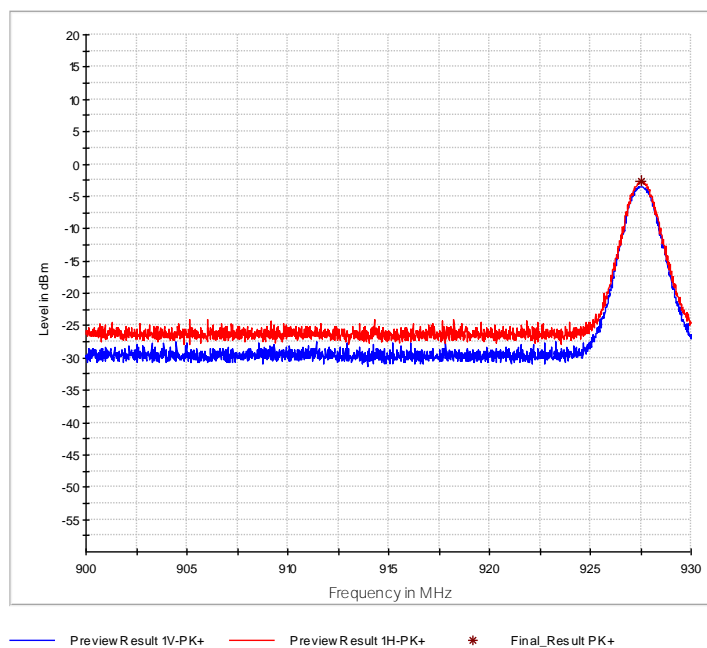
**Figure 9 – Highest channel – EUT flat on table**



**Figure 10 – Highest channel – EUT on long side**



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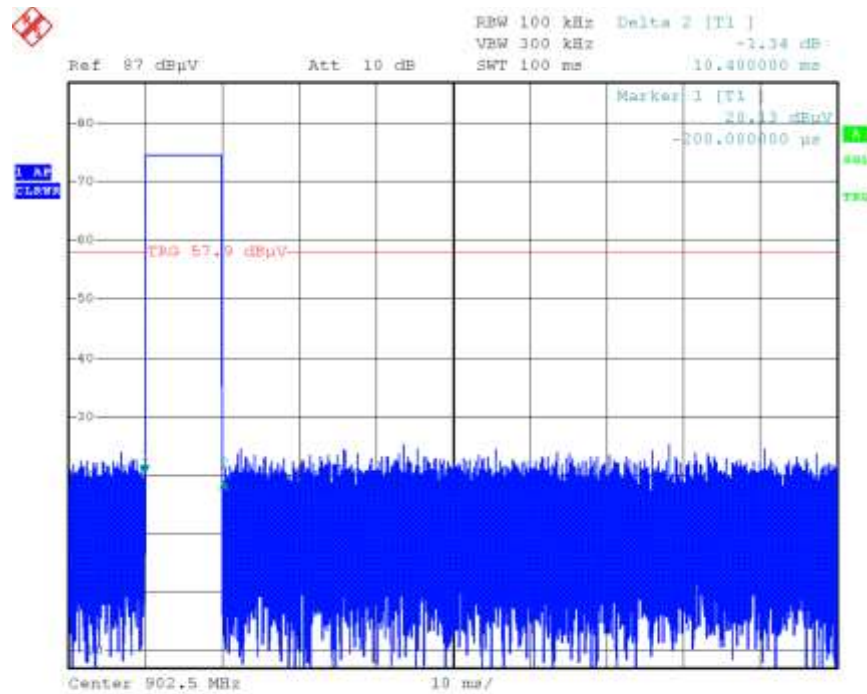


**Figure 11 – Highest channel – EUT in upright position**



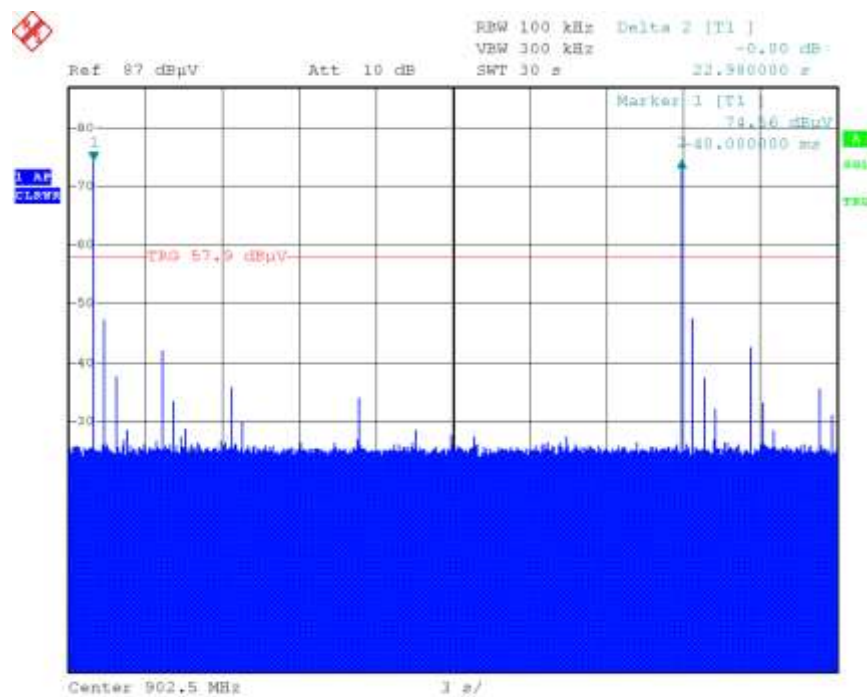
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### A.3 Frequency hopping systems – Average time of occupancy



Date: 7.MAR.2018 10:36:25

Figure 12 – Lowest channel – Dwell Time

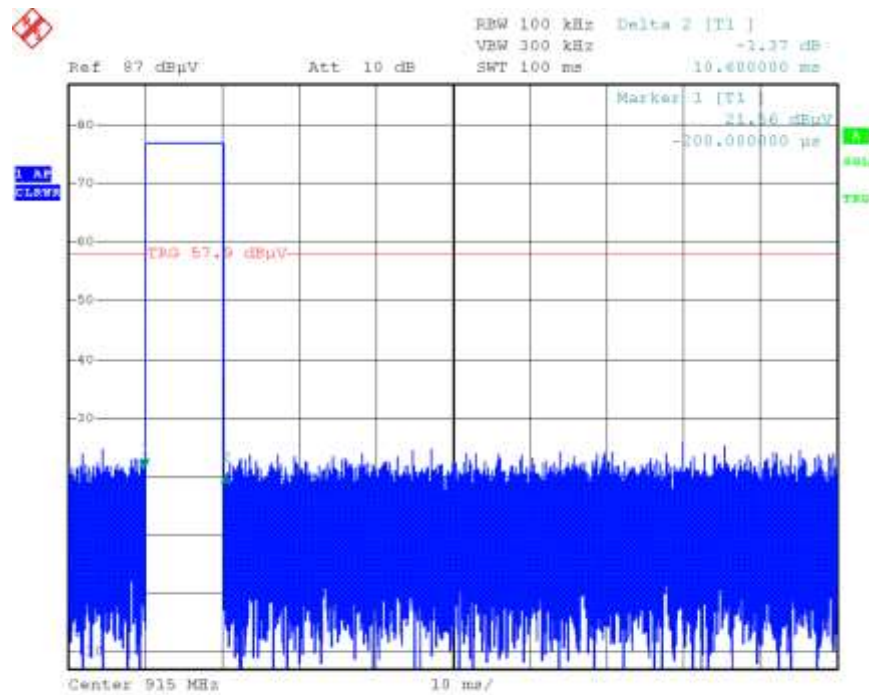


Date: 7.MAR.2018 10:34:38

Figure 13 – Lowest channel – Total Average Time of Occupancy

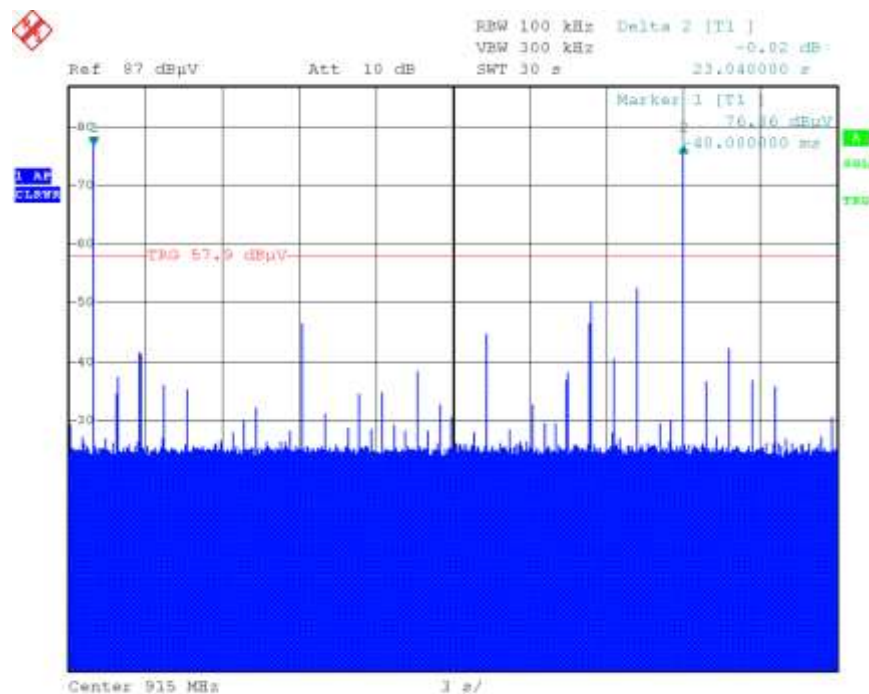


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Date: 7.MAR.2018 18:37:32

Figure 14 – Middle channel –Dwell Time



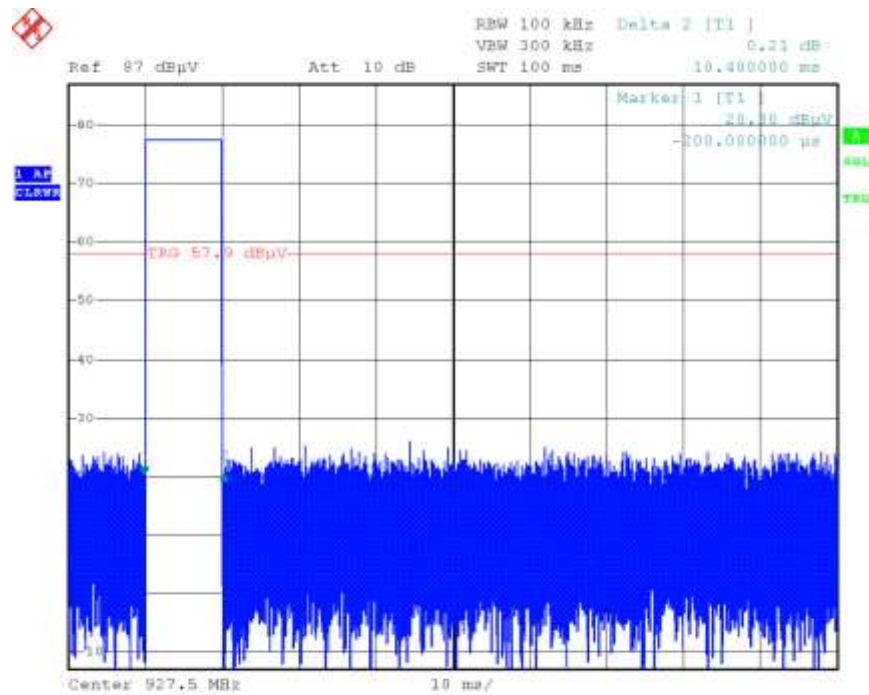
Date: 7.MAR.2018 18:39:32

Figure 15 – Middle channel – Total Average Time of Occupancy



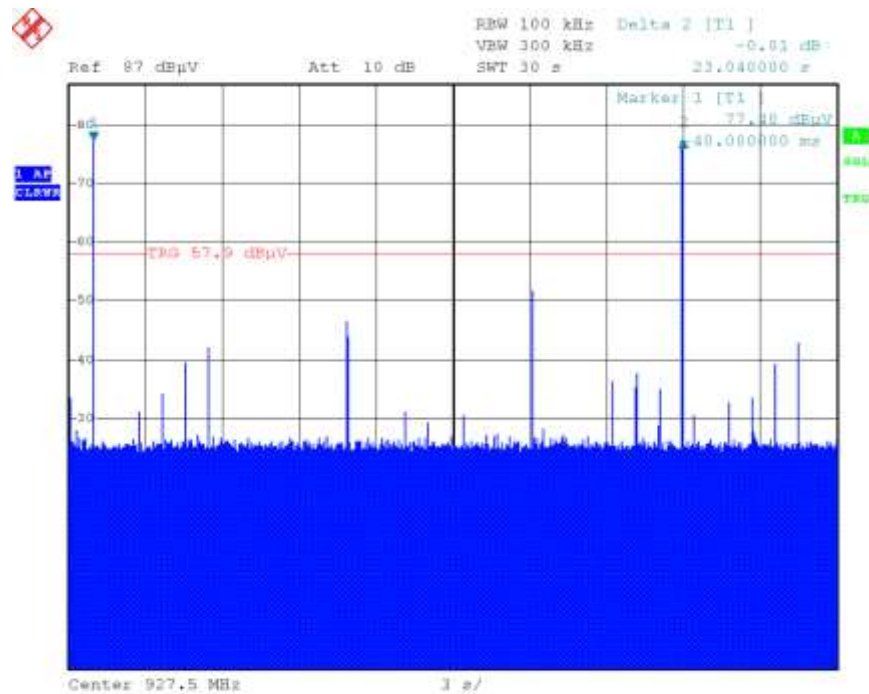


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Date: 7.MAR.2018 10:42:31

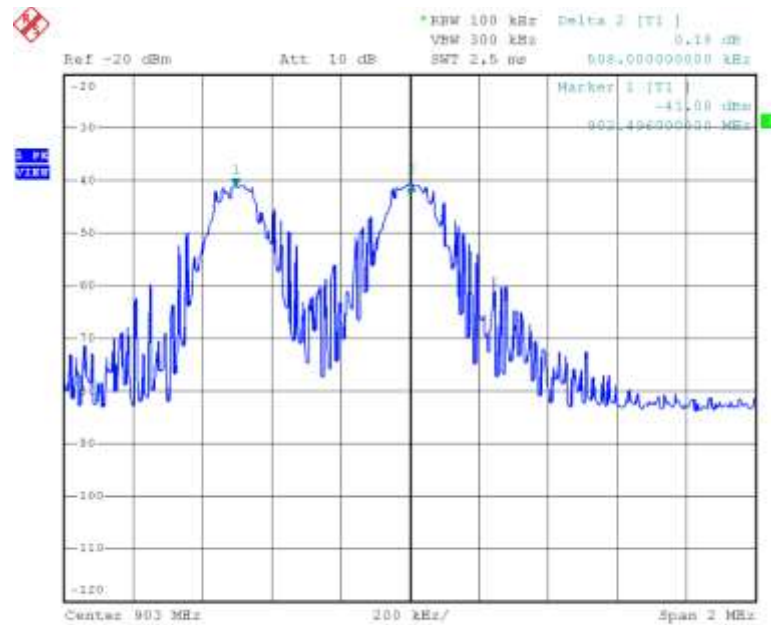
Figure 16 – Highest channel – Dwell Time



Date: 7.MAR.2018 10:41:39

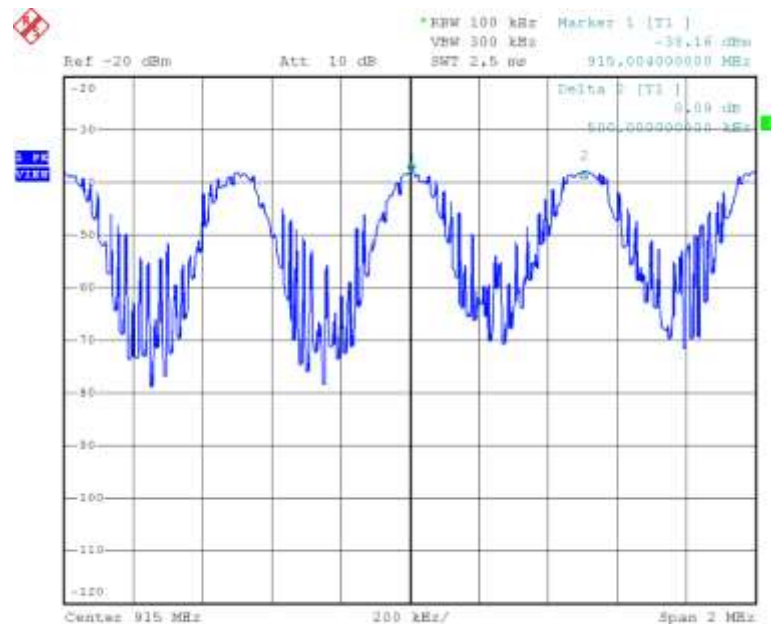
Figure 17 – Highest channel – Total Average Time of Occupancy

#### A.4 Frequency Hopping Systems - Channel Separation



Date: 10.APR.2018 10:03:08

Figure 18 – Lowest channel – Channel separation

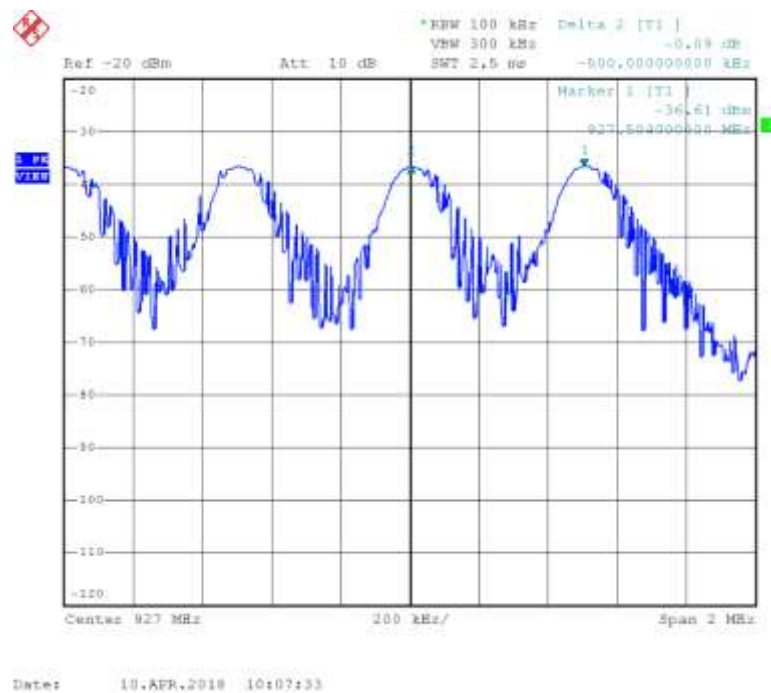


Date: 10.APR.2018 10:04:38

Figure 19 – Middle channel – Channel separation



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**Figure 20 – Highest channel – Channel separation**



## A.5 Frequency Hopping Systems - Number of Hopping Channels

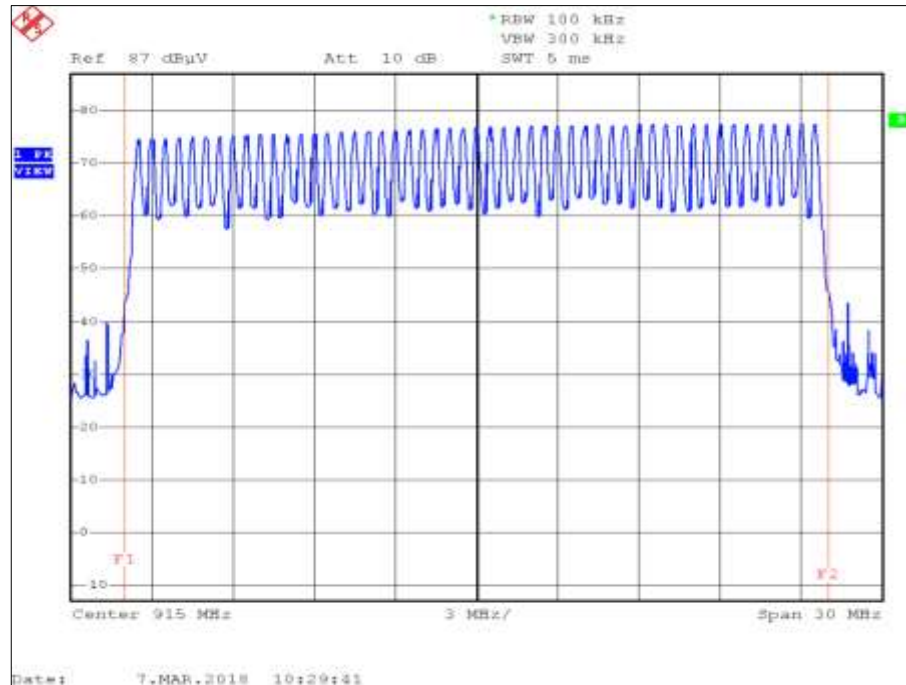


Figure 21 - Measurement Frequency Range: 902.5 MHz - 927.5 MHz: 51 Channels



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## A.6 Frequency Hopping Systems - 20 dB Bandwidth, 99% Bandwidth

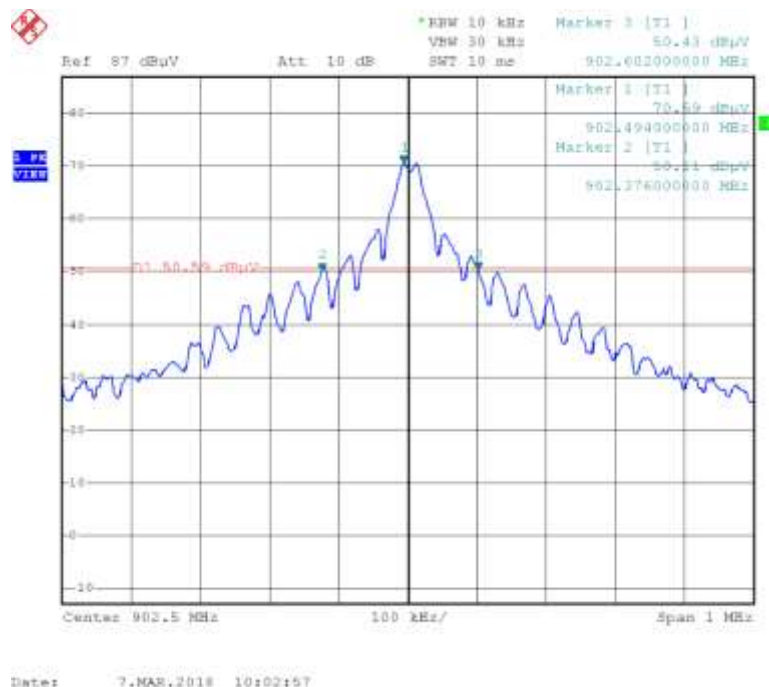


Figure 22 - 902.5 MHz – 20 dB Bandwidth

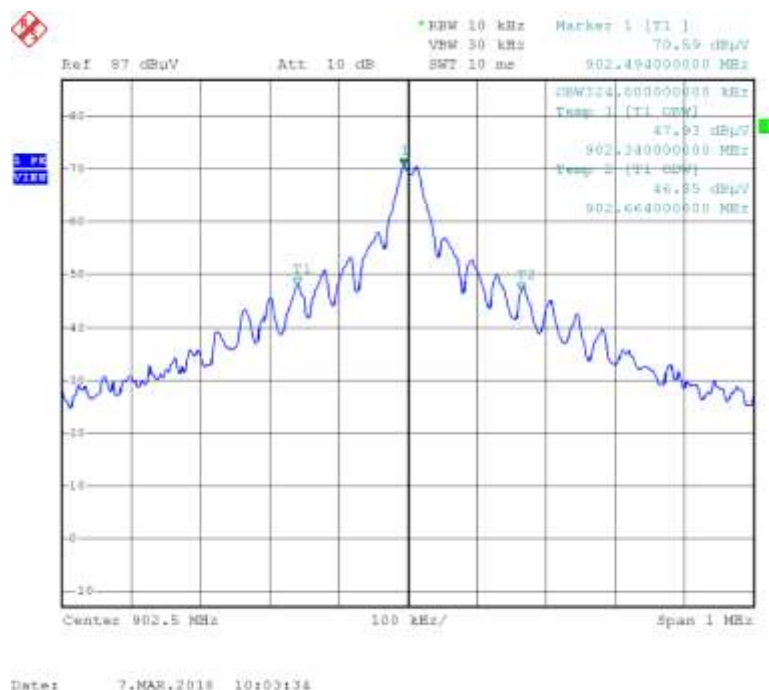


Figure 23 - 902.5 MHz – 99 % Bandwidth



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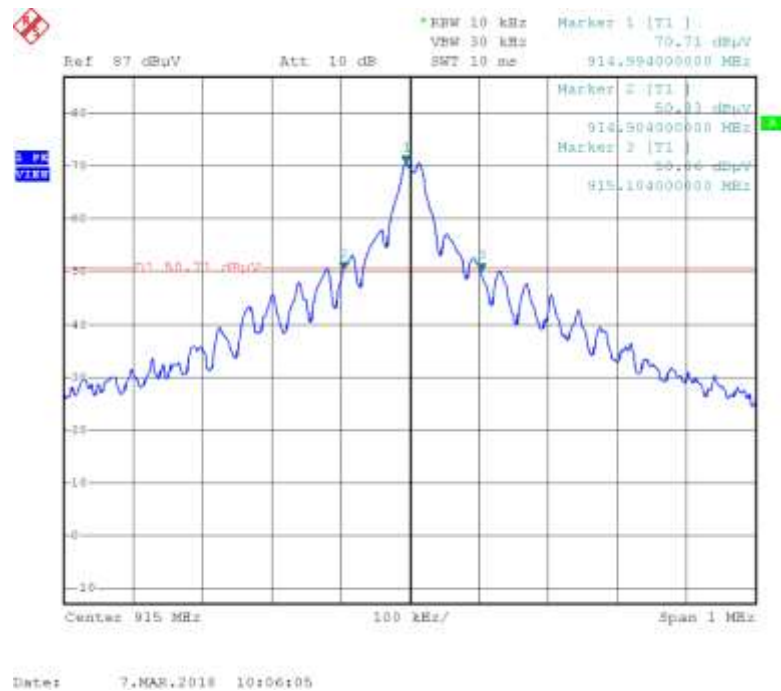


Figure 24 - 915 MHz – 20 dB Bandwidth

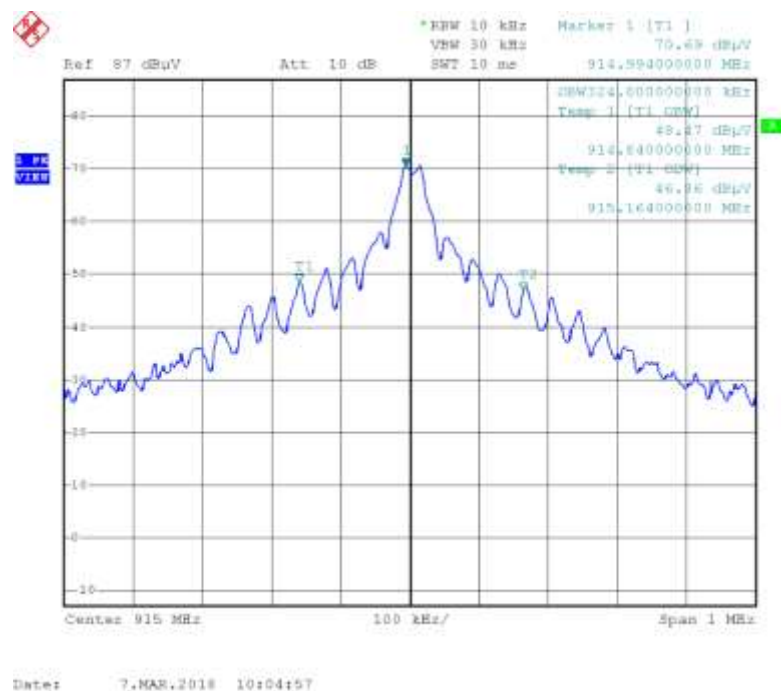


Figure 25 - 915 MHz – 99 % Bandwidth



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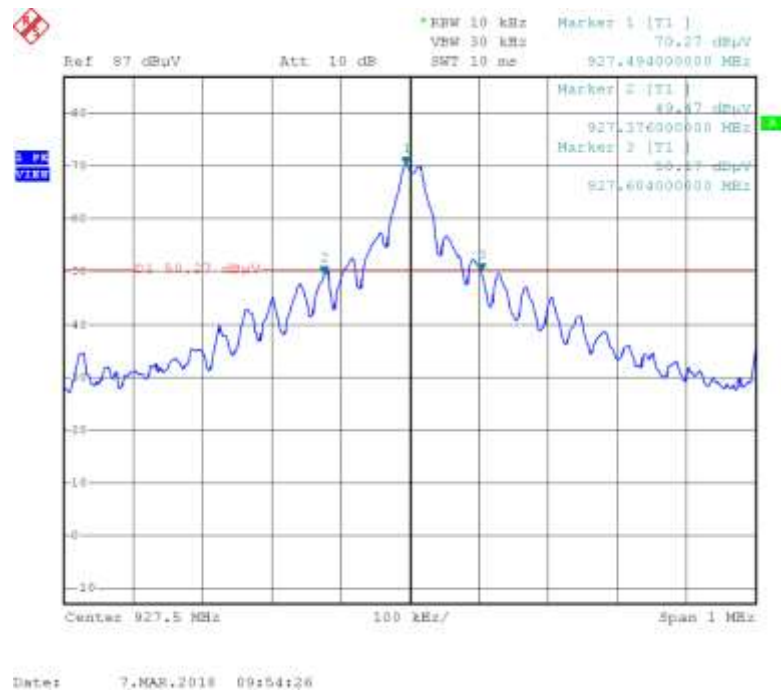


Figure 26 - 927.5 MHz – 20 dB Bandwidth

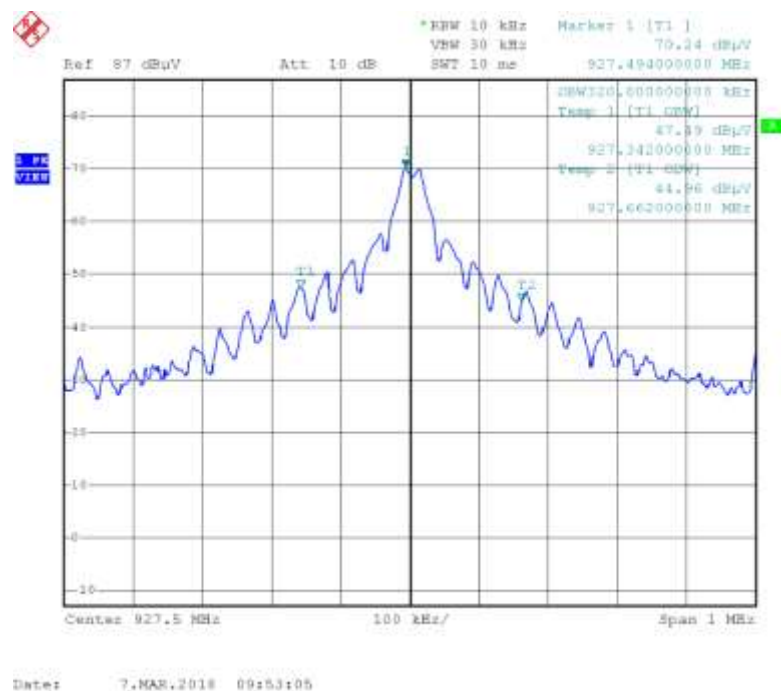


Figure 27 - 927.5 MHz – 99 % Bandwidth

## A.7 Authorised Band Edges

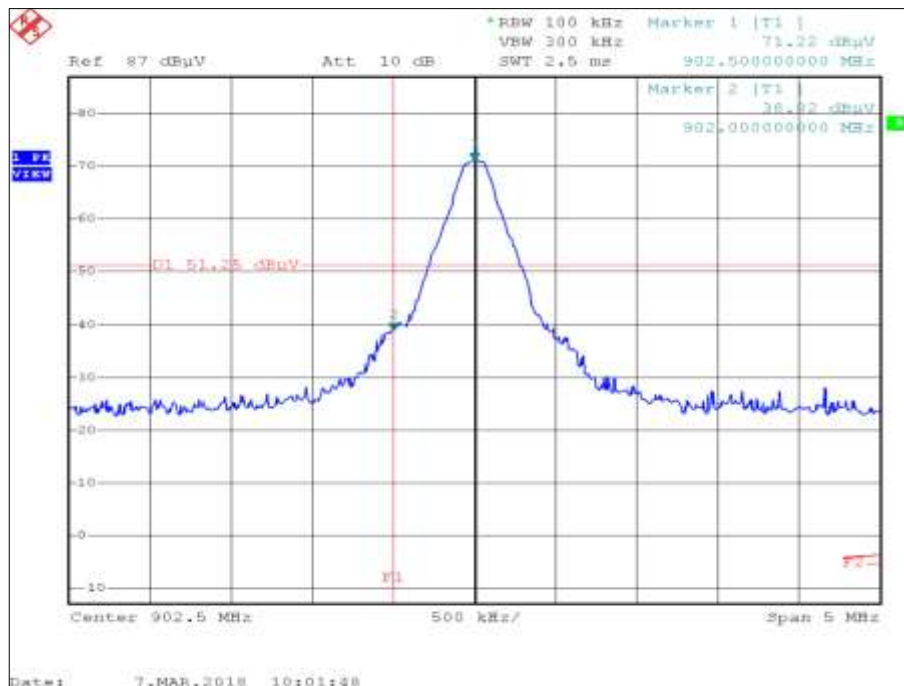


Figure 28 - 902.5 MHz - Measured Frequency 902 MHz

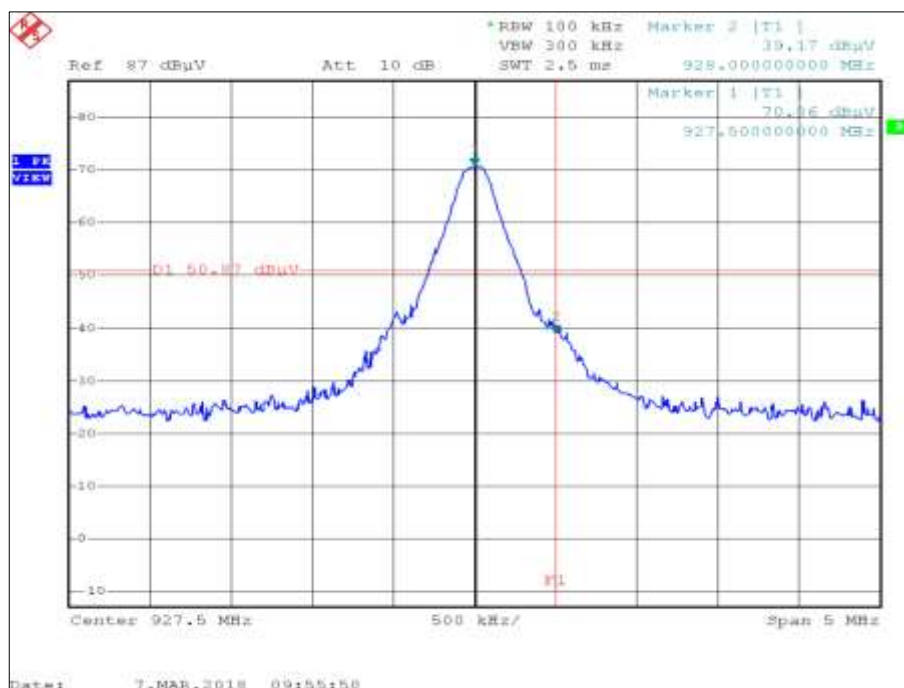


Figure 29 – 927.5 MHz - Measured Frequency 928 MHz





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## A.8 Restricted Band Edges

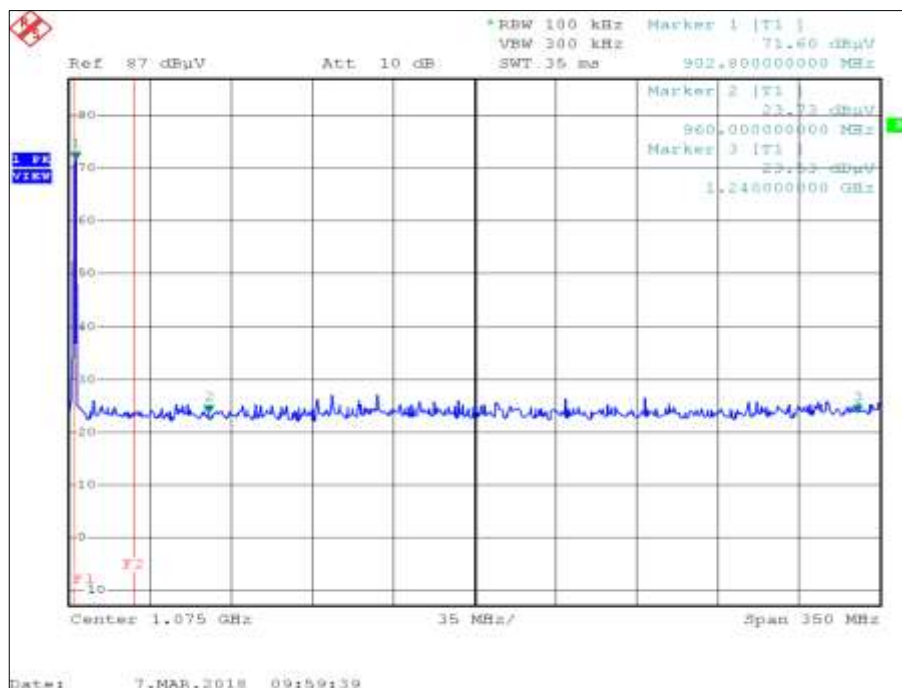


Figure 30 – Restricted Bands – 902.5 MHz - Measured Frequency MHz - Peak

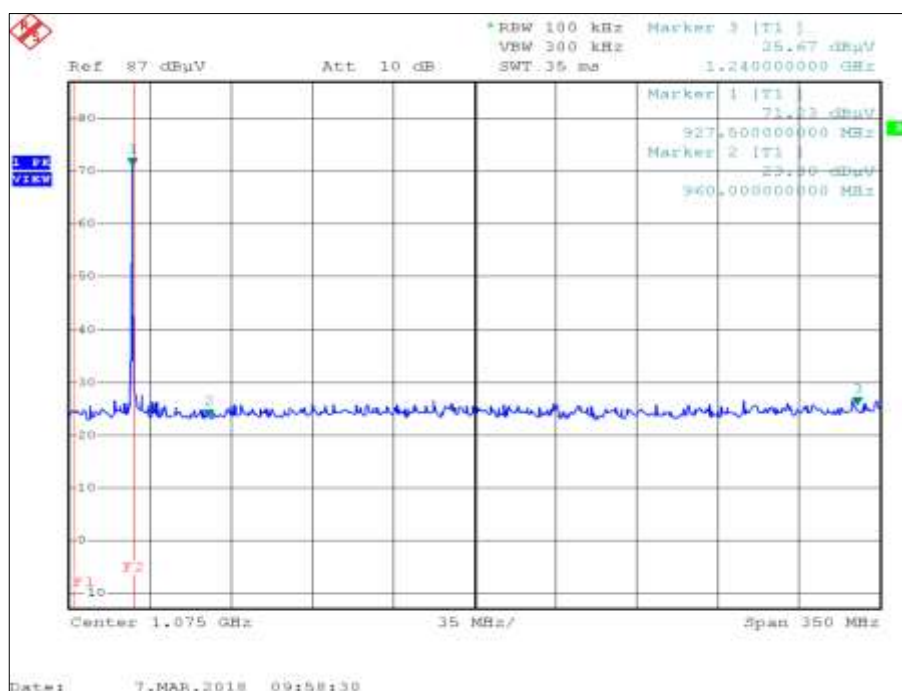


Figure 31 – Restricted Bands – 927.5 MHz - Measured Frequency MHz - Peak

## A.9 Spurious Radiated Emissions

### A.9.1 Transmitting on lowest frequency channel

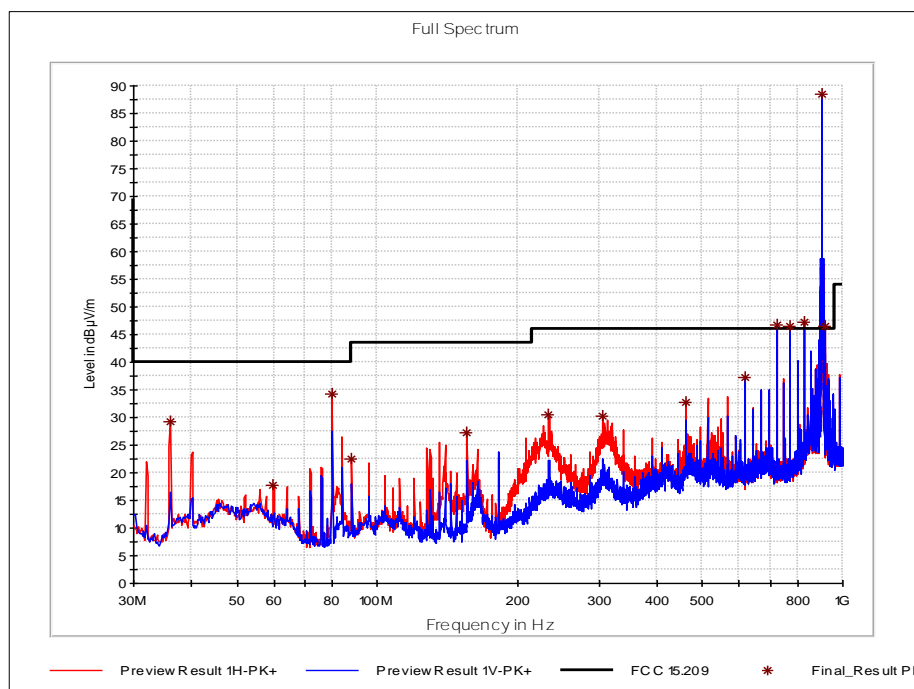


Figure 32 - 902.5 MHz - 30 MHz to 1 GHz; EUT flat on table, prescan - Horizontal and Vertical

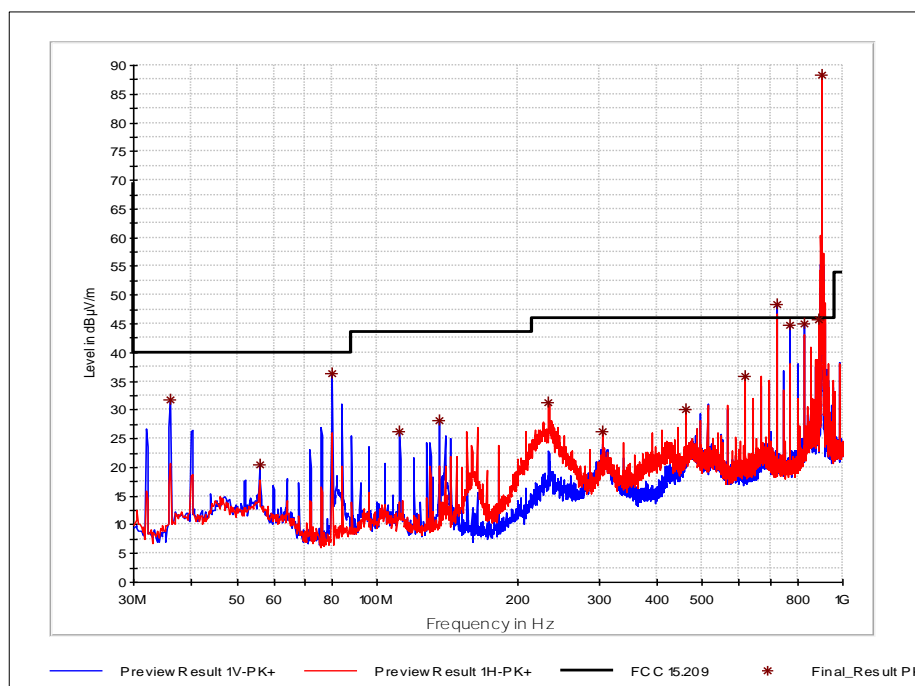


Figure 33 - 902.5 MHz - 30 MHz to 1 GHz; EUT on long side, prescan - Horizontal and Vertical

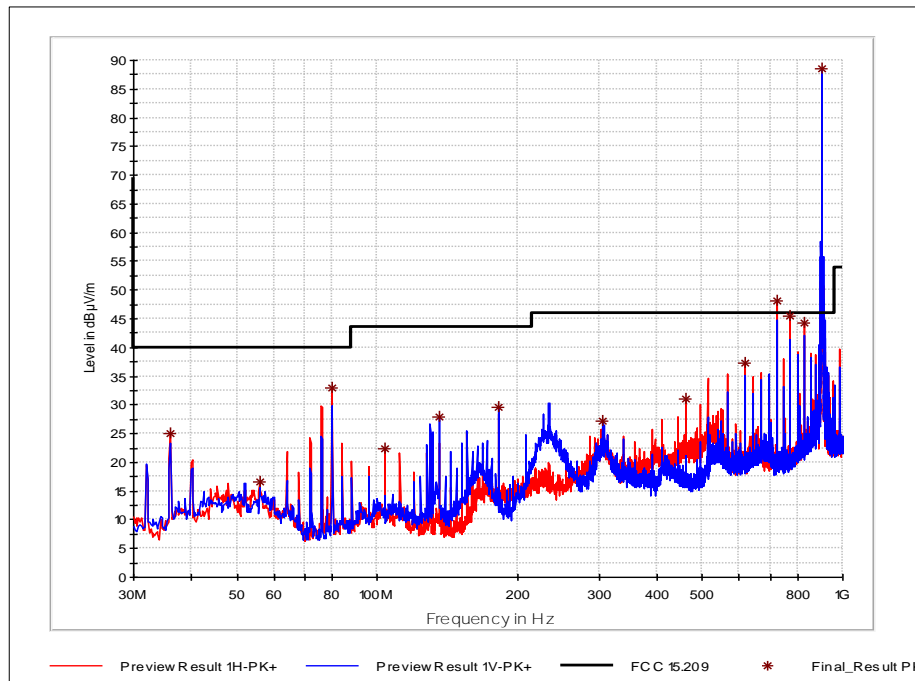


Figure 34 - 902.5 MHz - 30 MHz to 1 GHz; EUT in upright position, prescan - Horizontal and Vertical

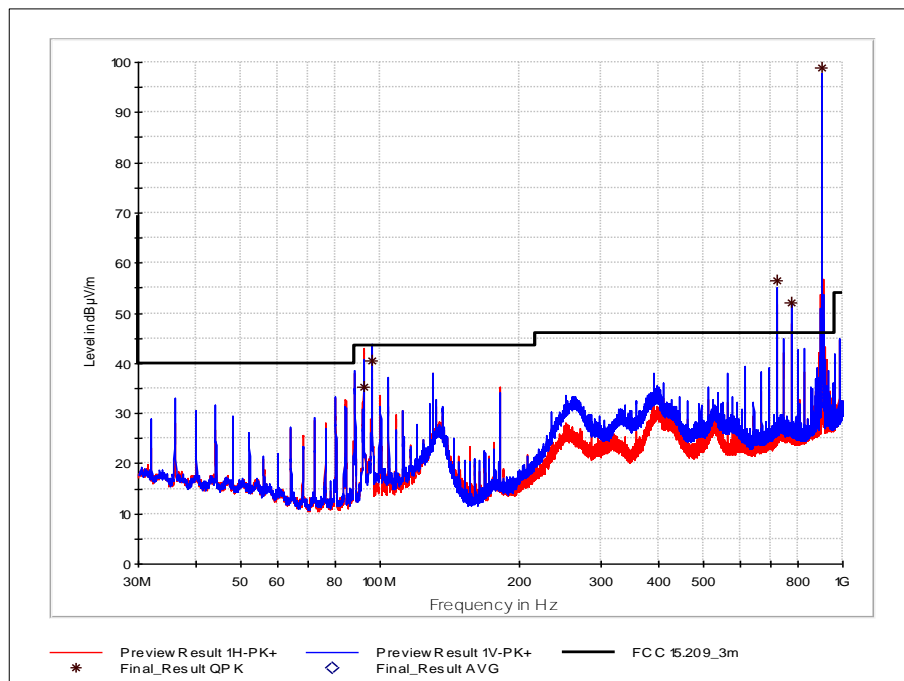


Figure 35 - 902.5 MHz - 30 MHz to 1 GHz; EUT flat on table - Horizontal and Vertical

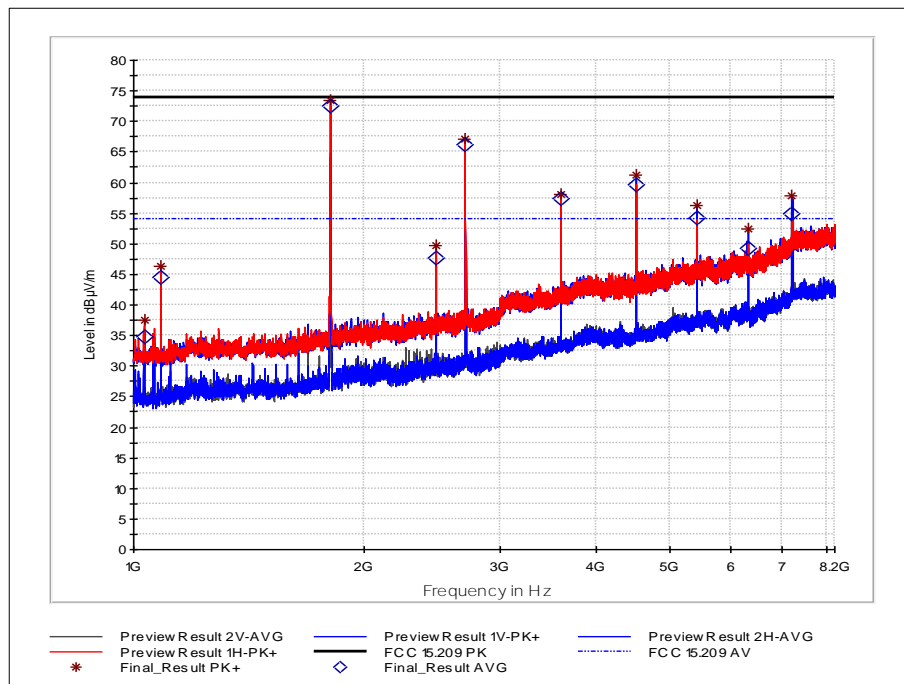


Figure 36 - 902.5 MHz - 1 GHz to 8.2 GHz - EUT flat on table; prescan - Horizontal and Vertical

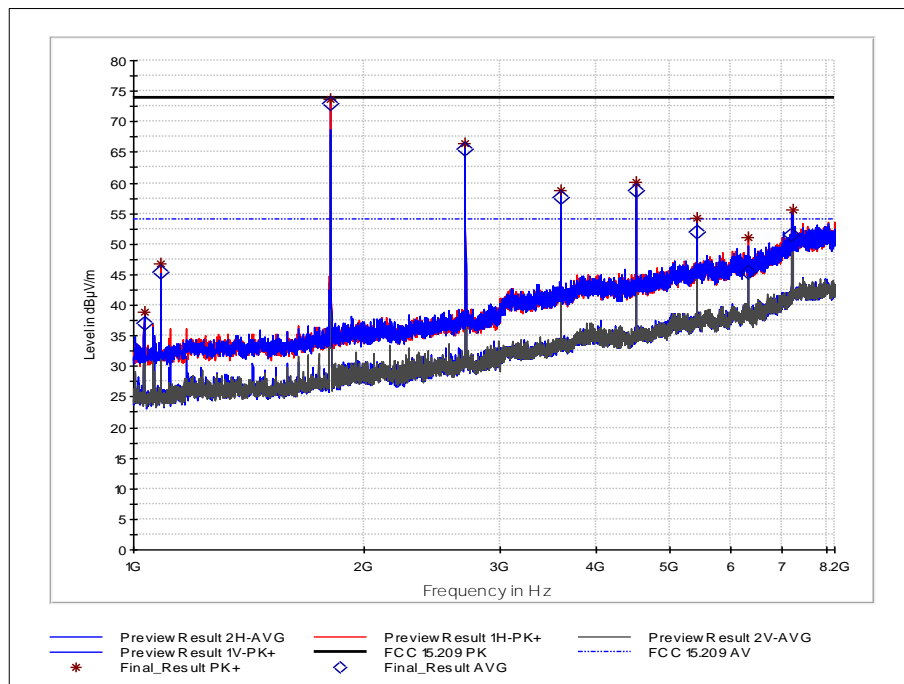


Figure 37 - 902.5 MHz - 1 GHz to 8.2 GHz - EUT on long side; prescan - Horizontal and Vertical

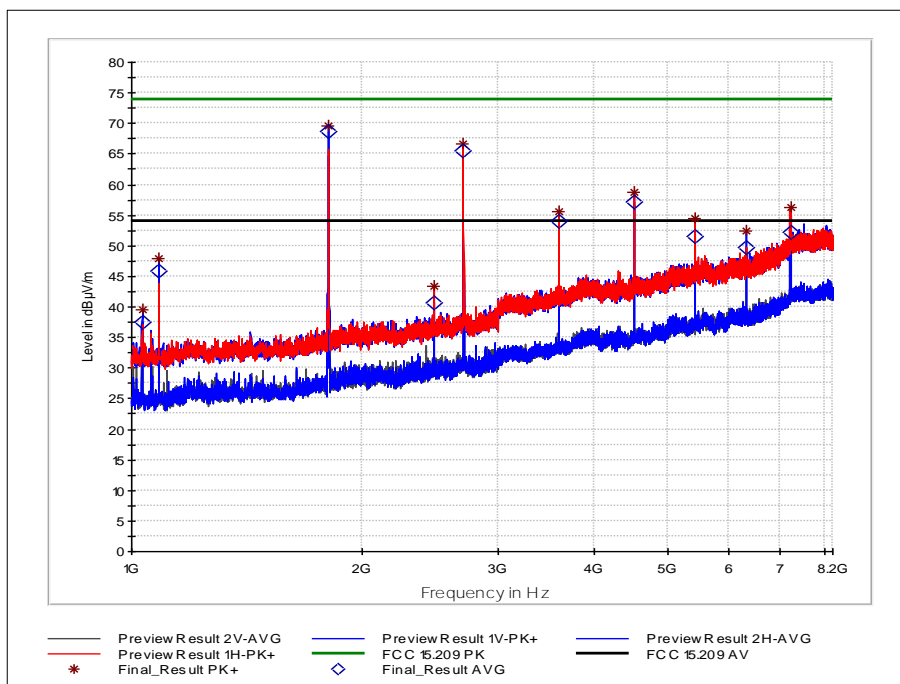


Figure 38 - 902.5 MHz - 1 GHz to 8.2 GHz - EUT in upright position; prescan - Horizontal and Vertical

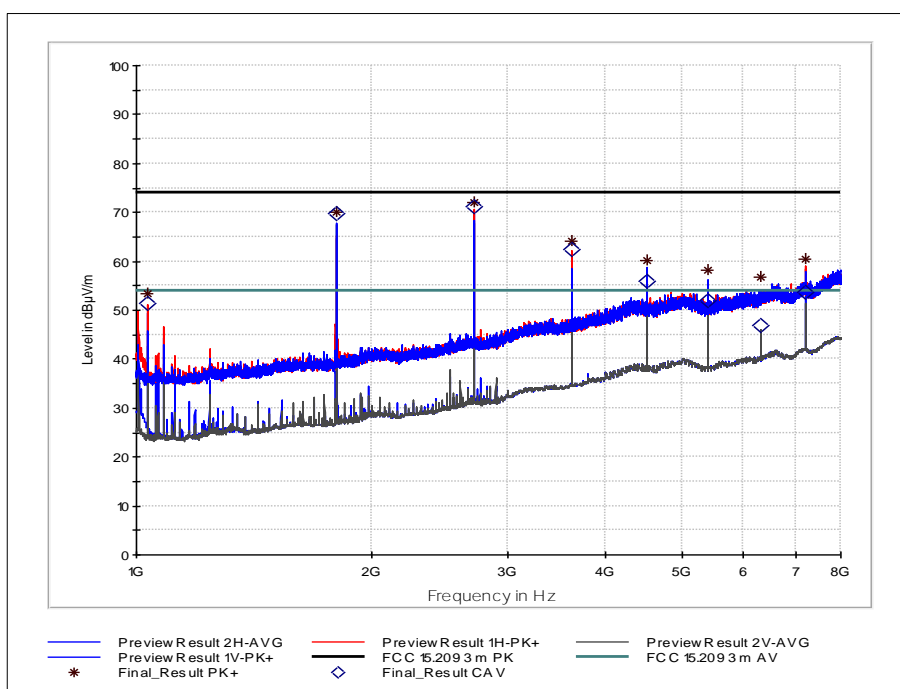


Figure 39 - 902.5 MHz - 1 GHz to 8 GHz - EUT flat on table - Horizontal and Vertical

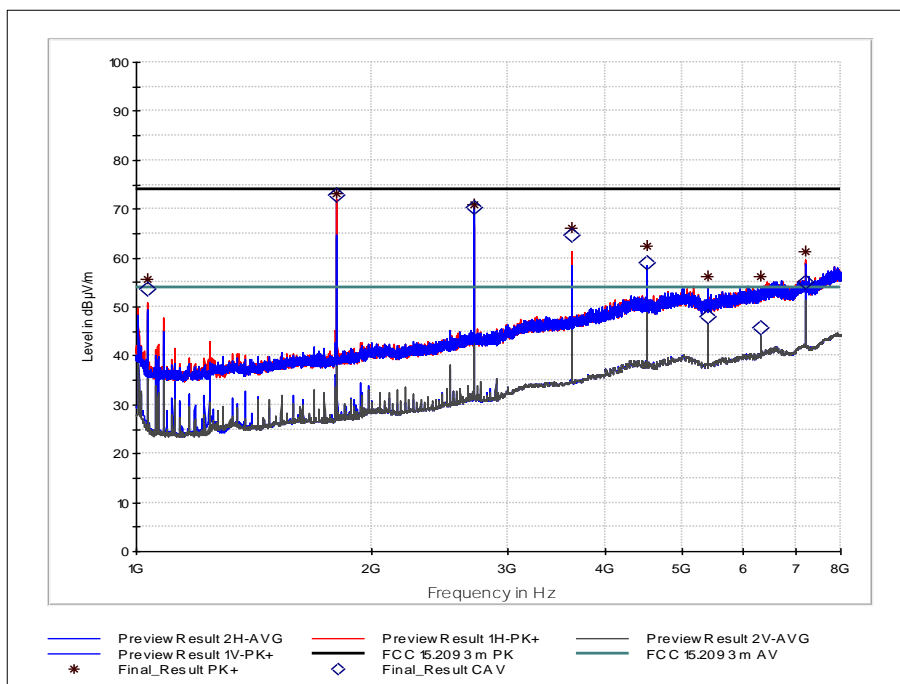


Figure 40 - 902.5 MHz - 1 GHz to 8 GHz - EUT on long side - Horizontal and Vertical

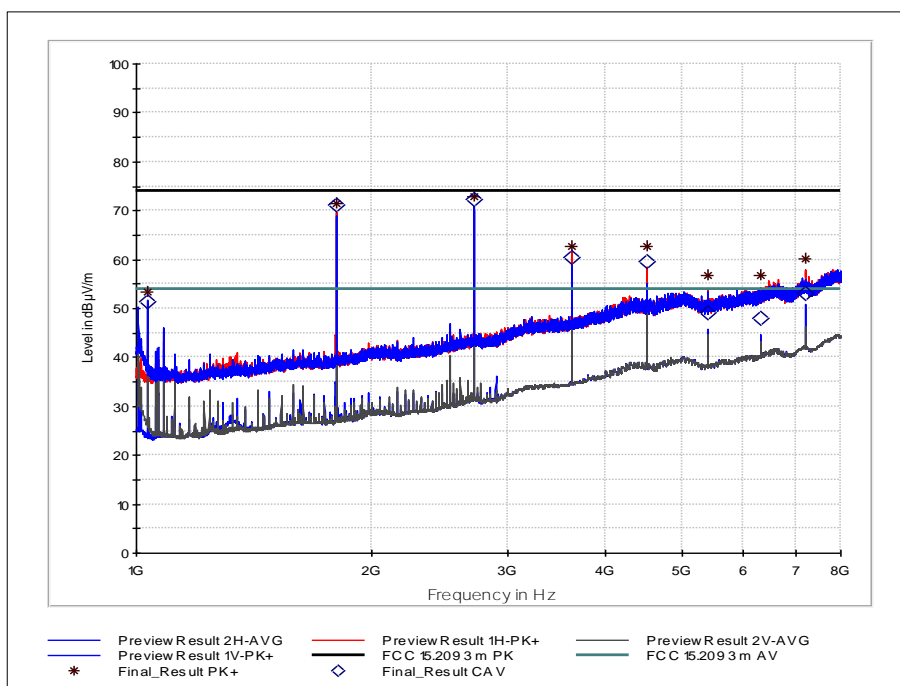
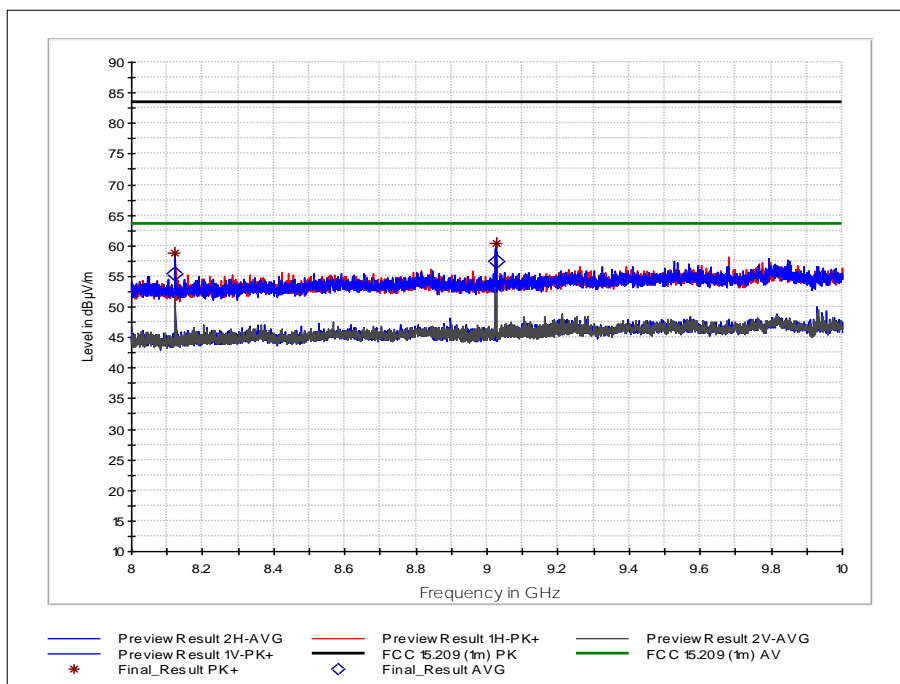
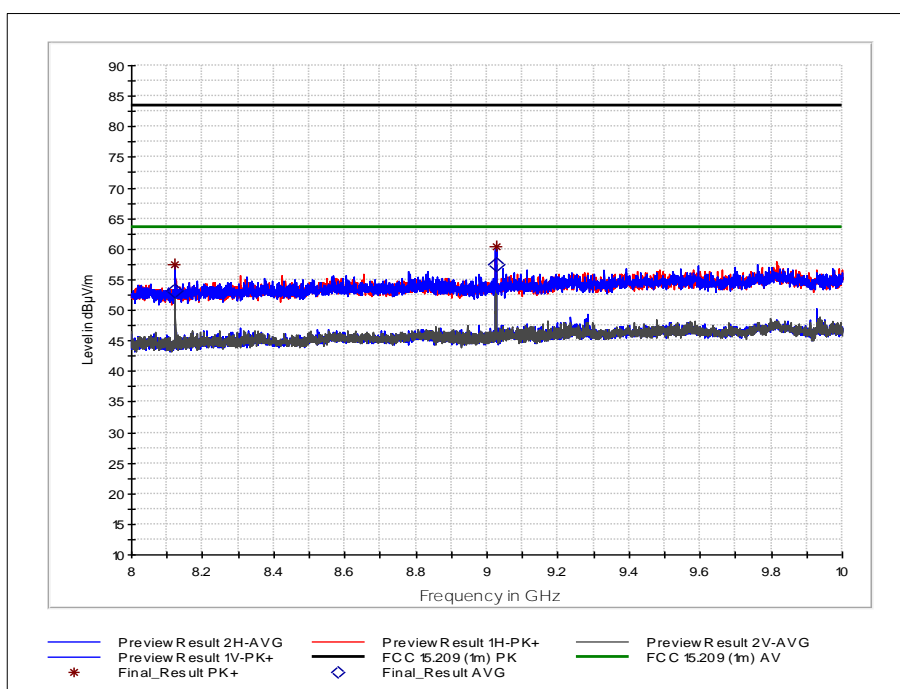


Figure 41 - 902.5 MHz - 1 GHz to 8 GHz - EUT in upright position - Horizontal and Vertical



**Figure 42 - 902.5 MHz - 8.2 GHz to 10 GHz - EUT flat on table; prescan - Horizontal and Vertical**



**Figure 43 - 902.5 MHz - 8.2 GHz to 10 GHz - EUT on long side; prescan - Horizontal and Vertical**

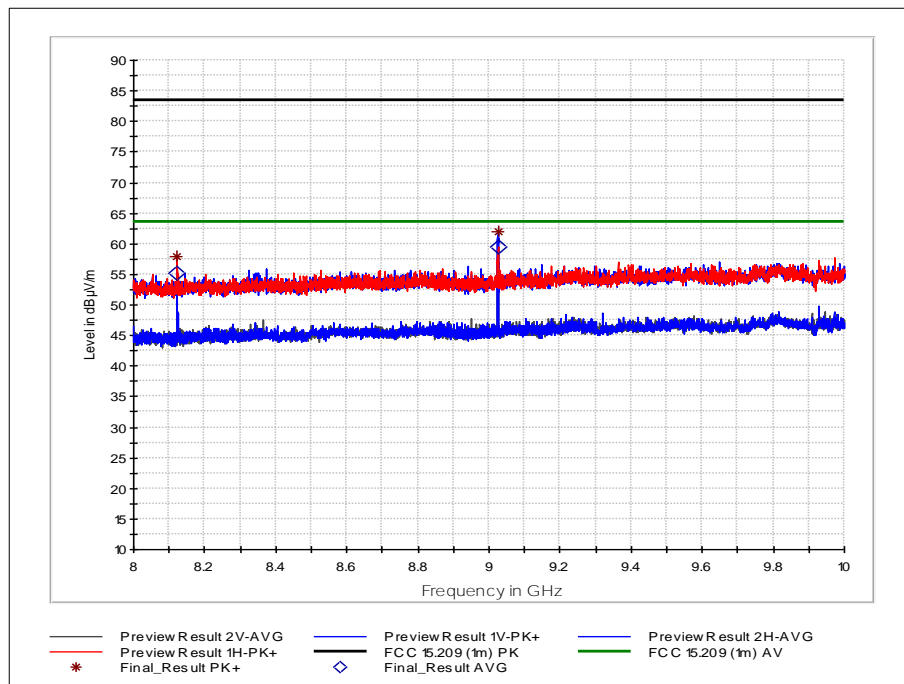


Figure 44 - 902.5 MHz - 8.2 GHz to 10 GHz - EUT in upright position; prescan - Horizontal and Vertical



## A.9.2 Transmitting on middle frequency channel

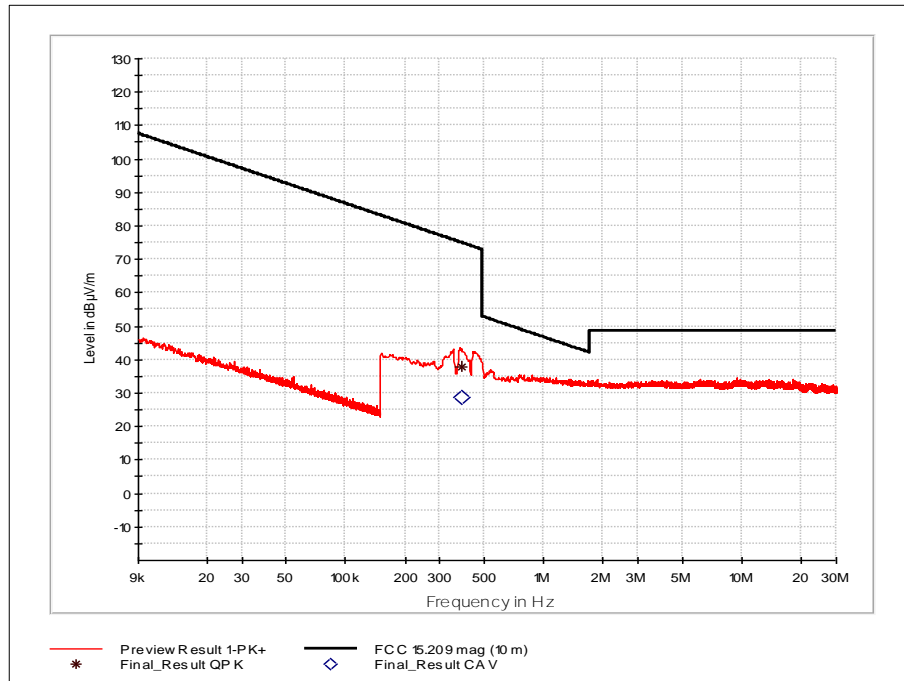


Figure 45 - 915 MHz - 9 kHz - 30 MHz; EUT flat on table - Horizontal and Vertical

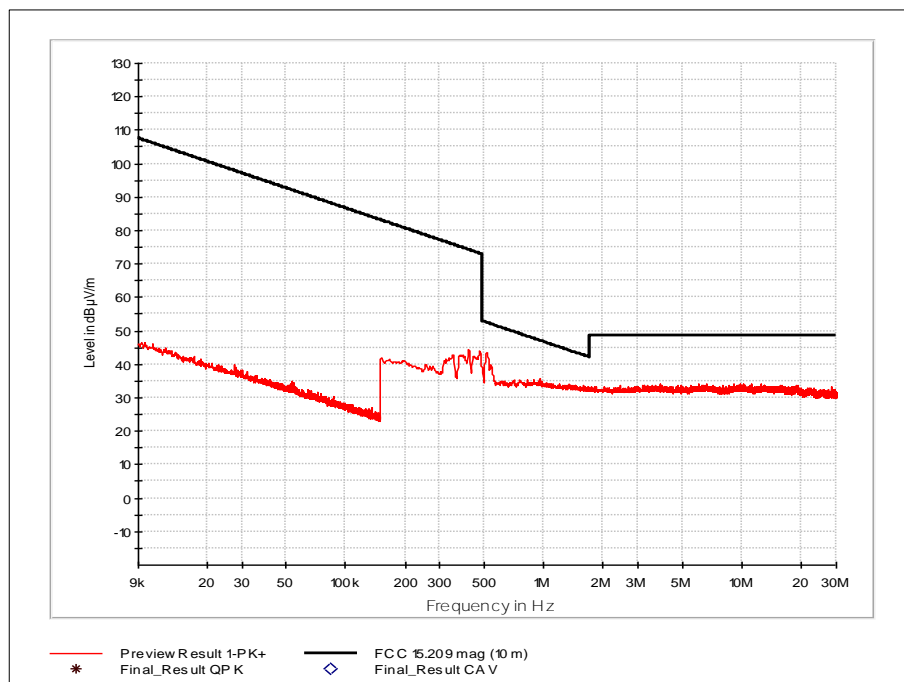


Figure 46 - 915 MHz - 9 kHz - 30 MHz; EUT on long side - Horizontal and Vertical

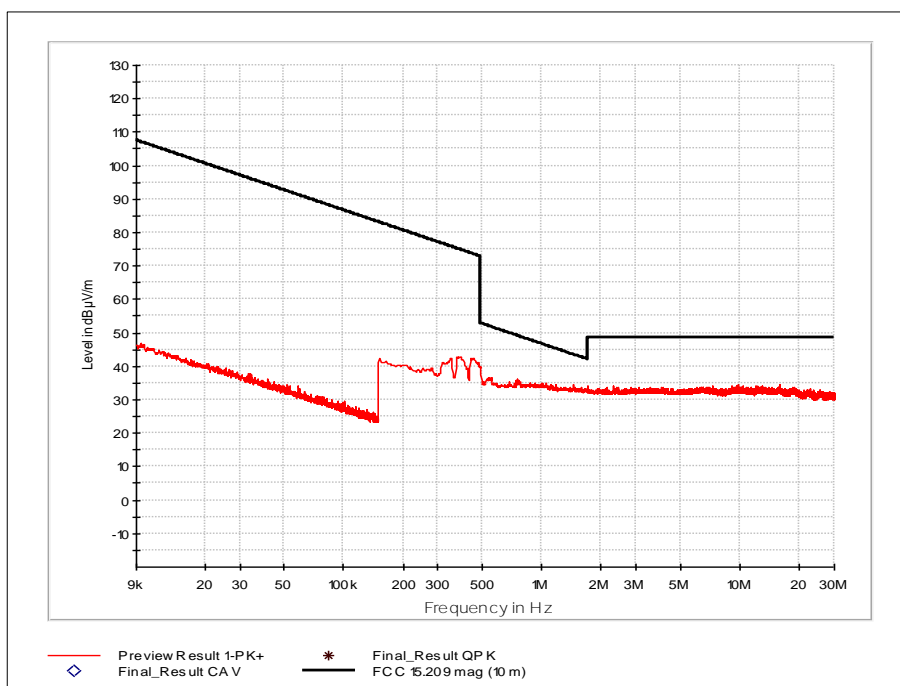


Figure 47 - 915 MHz - 9 kHz - 30 MHz; EUT in upright position - Horizontal and Vertical

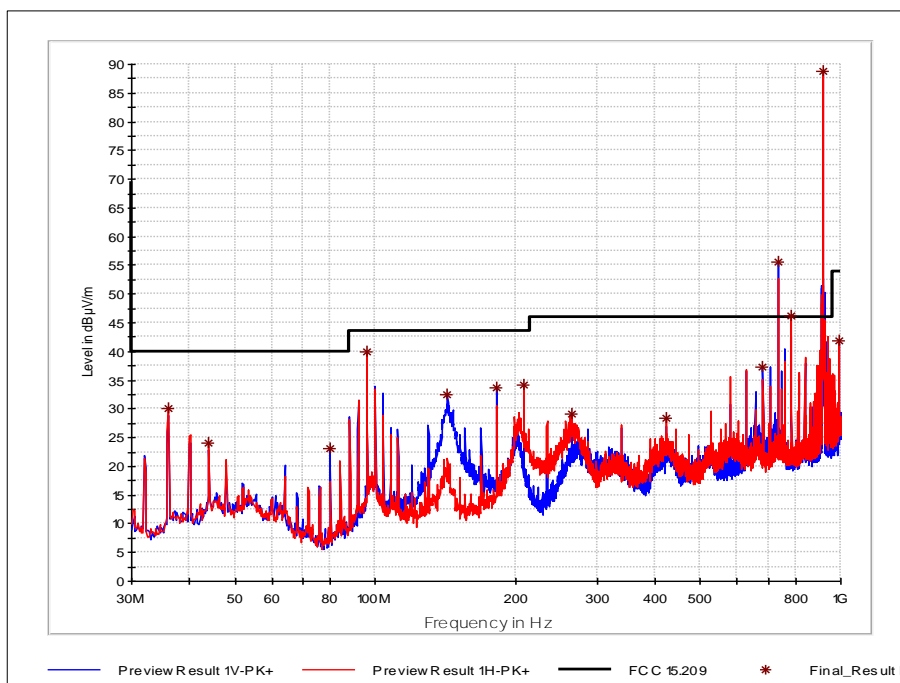
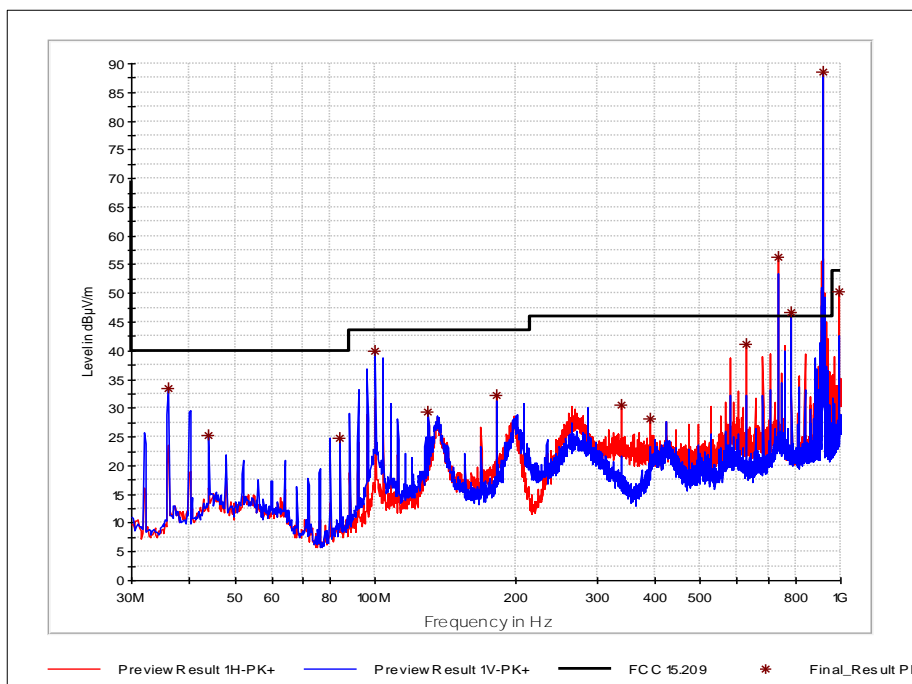
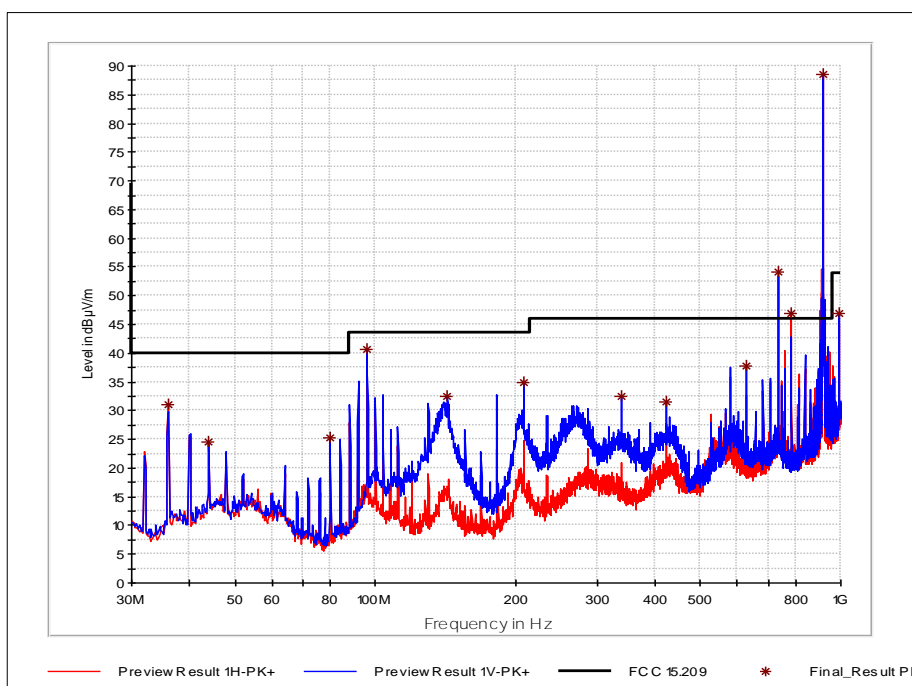


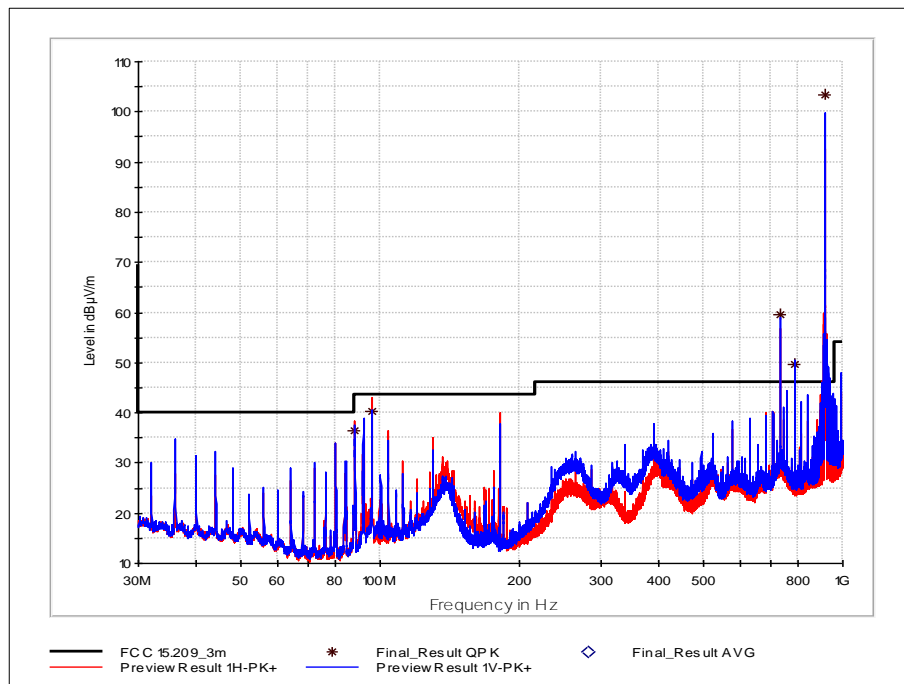
Figure 48 - 915 MHz - 30 MHz to 1 GHz; EUT flat on table, prescan - Horizontal and Vertical



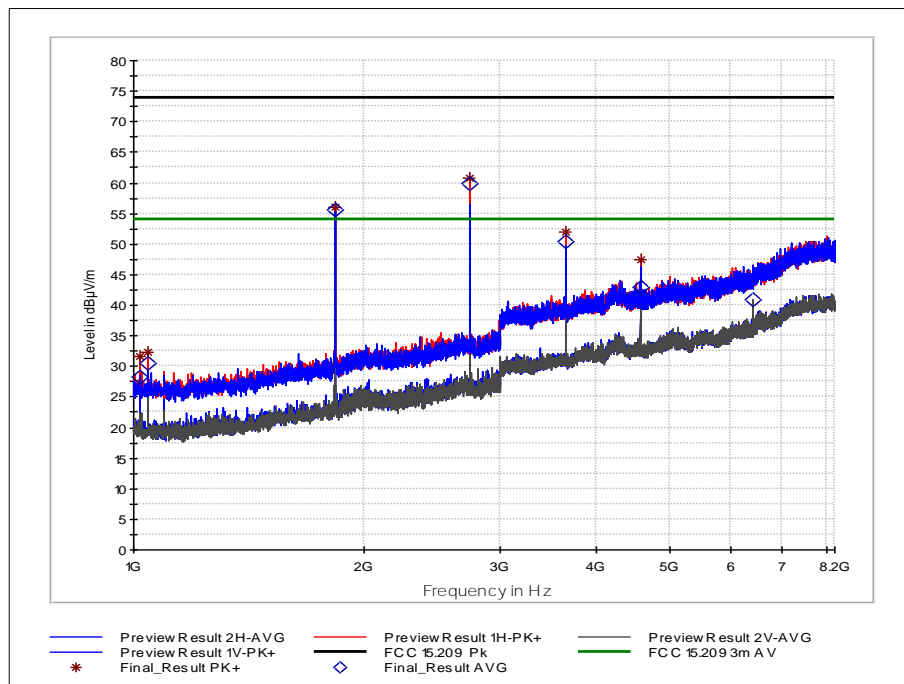
**Figure 49 - 915 MHz - 30 MHz to 1 GHz; EUT on long side, prescan - Horizontal and Vertical**



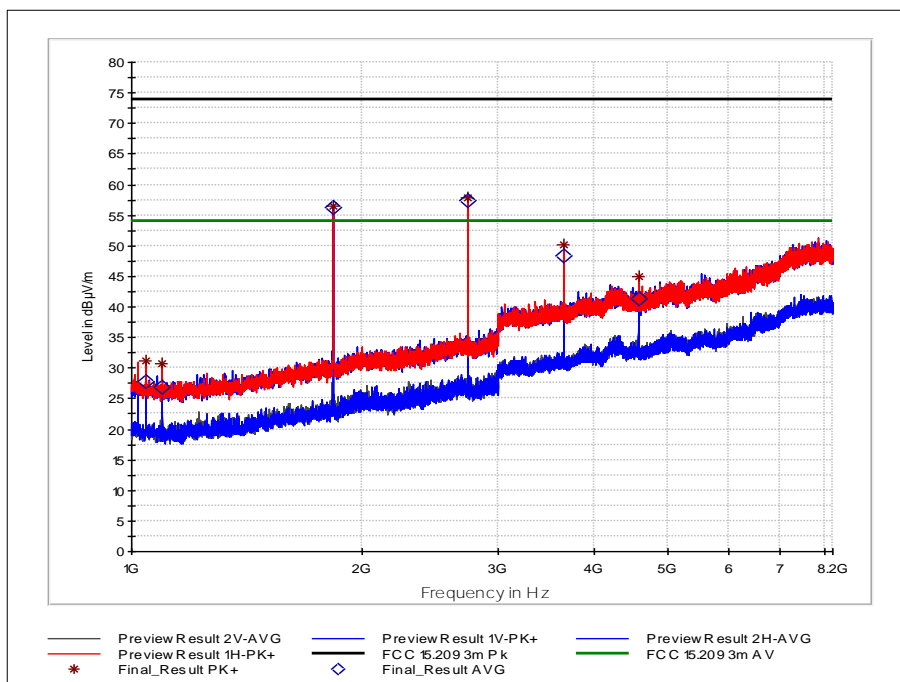
**Figure 50 - 915 MHz - 30 MHz to 1 GHz; EUT in upright position, prescan - Horizontal and Vertical**



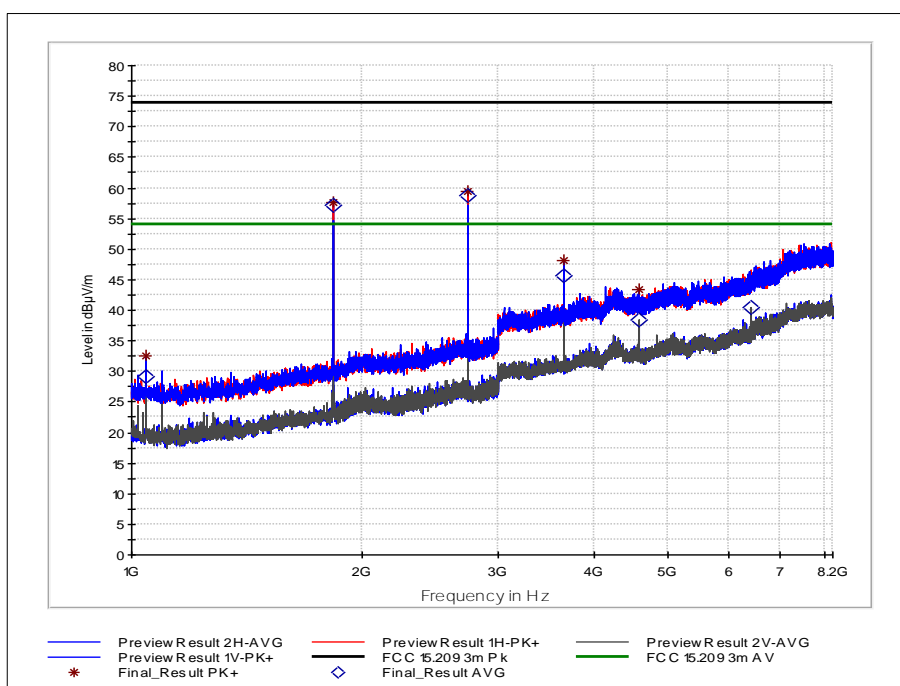
**Figure 51 - 915 MHz - 30 MHz to 1 GHz; EUT flat on table - Horizontal and Vertical**



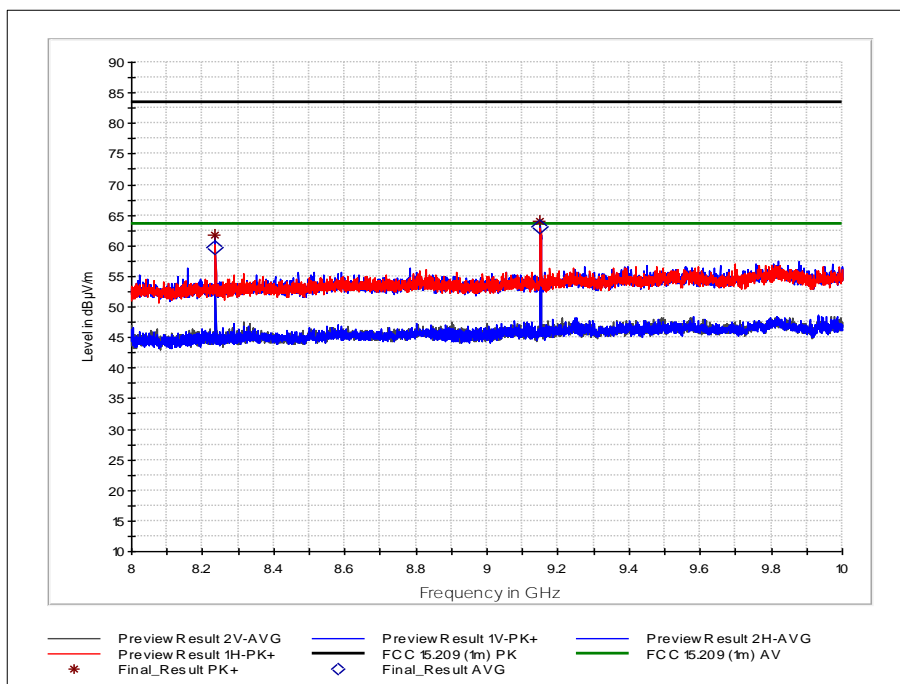
**Figure 52 - 915 MHz - 1 GHz to 8.2 GHz - EUT flat on table; prescan - Horizontal and Vertical**



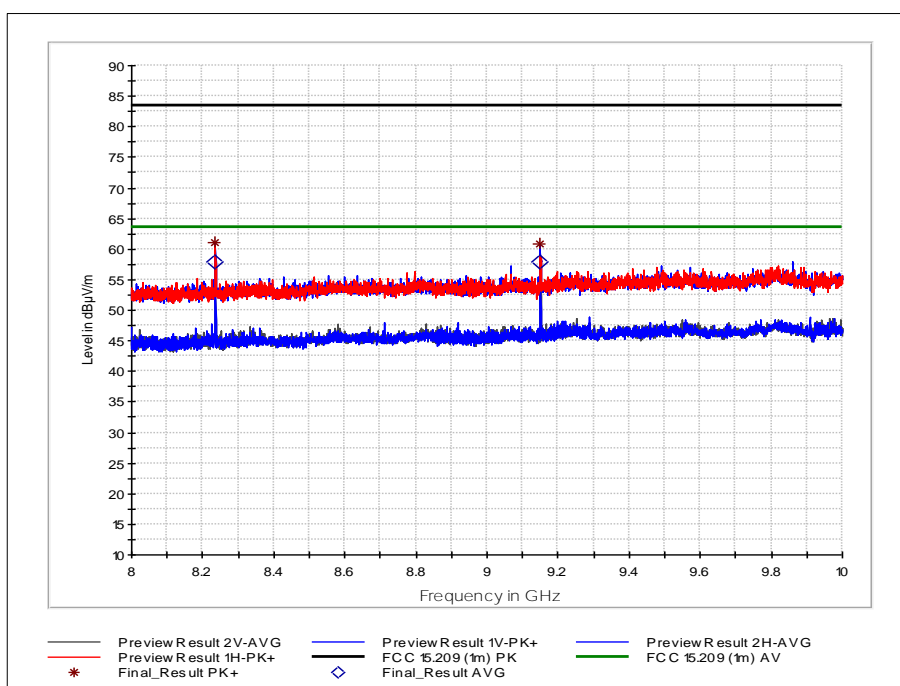
**Figure 53 - 915 MHz - 1 GHz to 8.2 GHz - EUT on long side; prescan - Horizontal and Vertical**



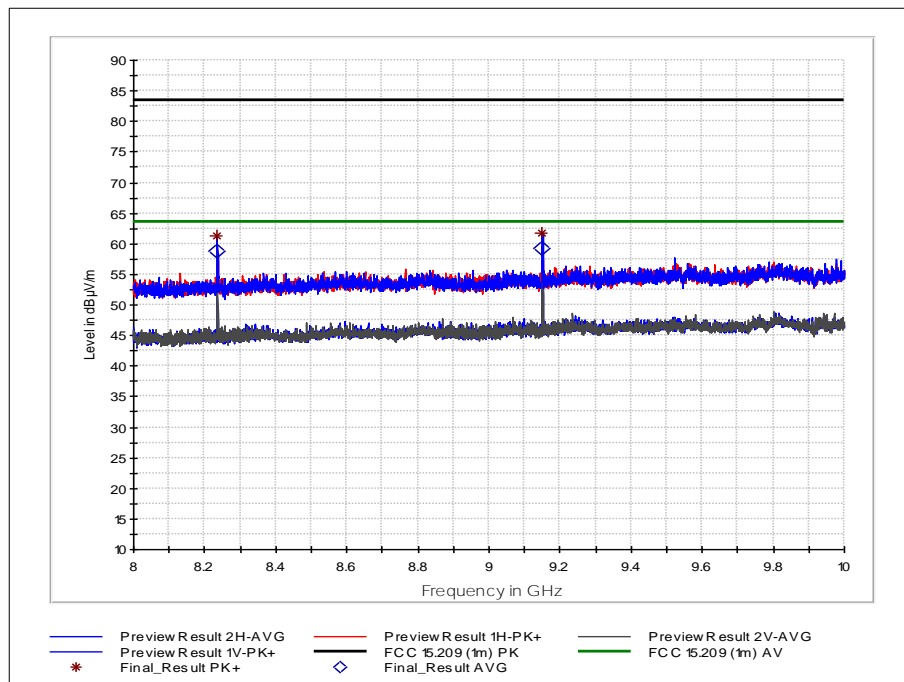
**Figure 54 - 915 MHz - 1 GHz to 8.2 GHz - EUT in upright position; prescan - Horizontal and Vertical**



**Figure 55 - 915 MHz - 8.2 GHz to 10 GHz - EUT flat on table; prescan - Horizontal and Vertical**



**Figure 56 - 915 MHz - 8.2 GHz to 10 GHz - EUT on long side; prescan - Horizontal and Vertical**



**Figure 57 - 915 MHz - 8.2 GHz to 10 GHz - EUT in upright position; prescan - Horizontal and Vertical**

### A.9.3 Transmitting on highest frequency channel

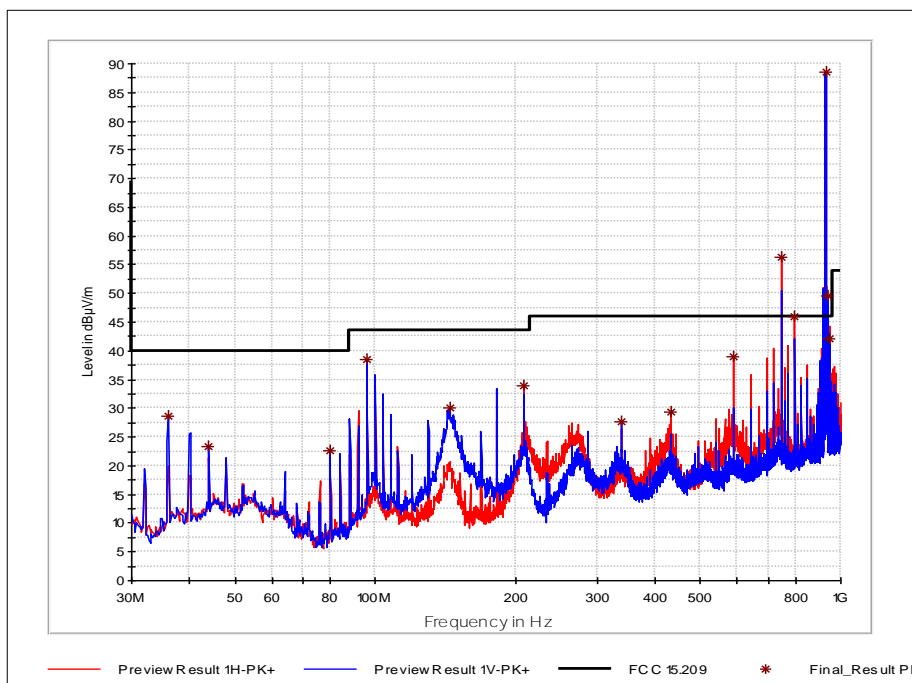


Figure 58 - 927.5 MHz - 30 MHz to 1 GHz; EUT flat on table, prescan - Horizontal and Vertical

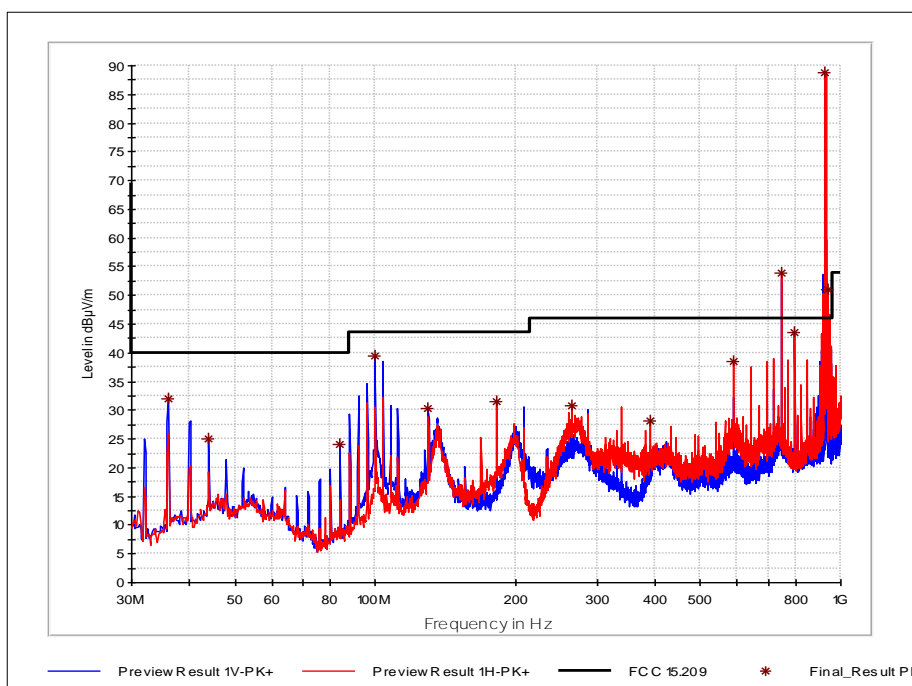
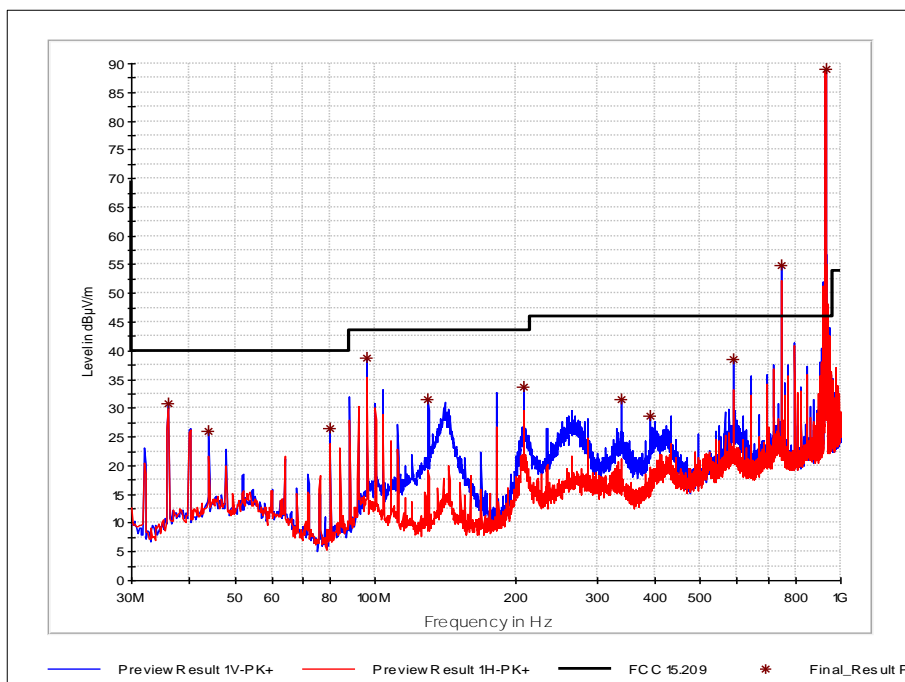
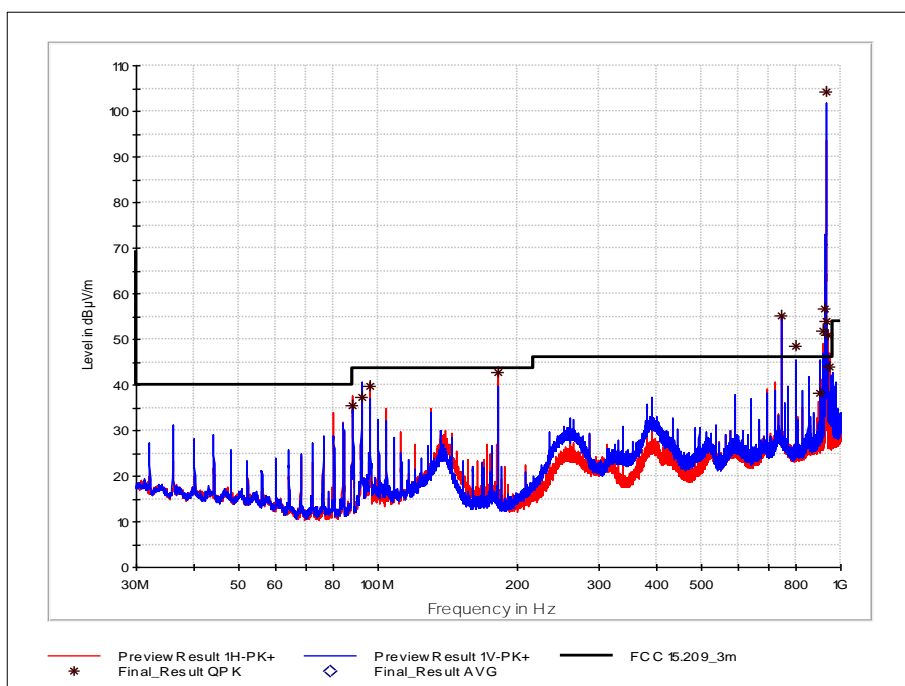


Figure 59 - 927.5 MHz - 30 MHz to 1 GHz; EUT on long side, prescan - Horizontal and Vertical





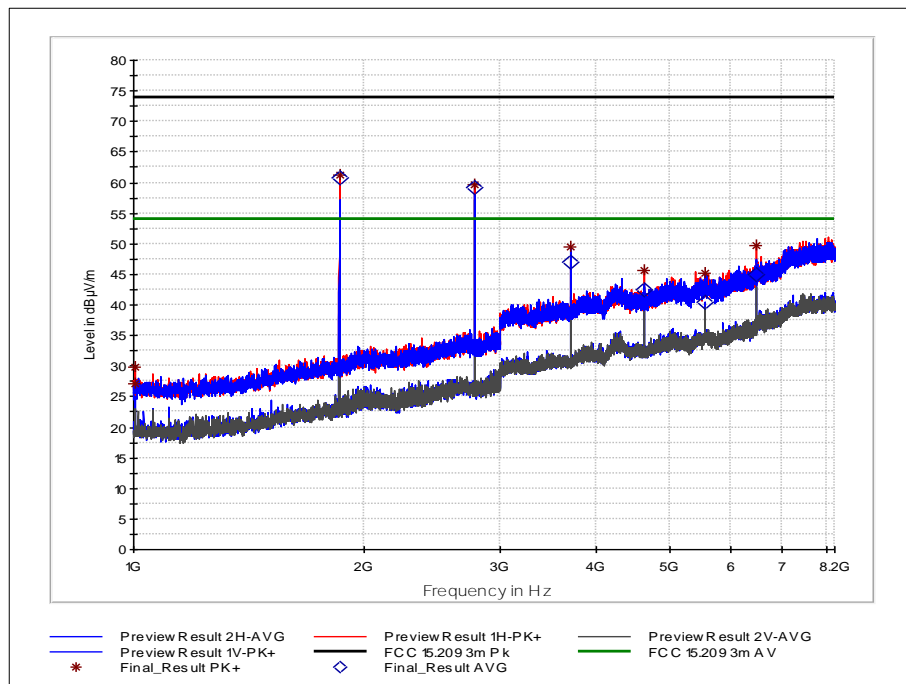
**Figure 60 - 927.5 MHz - 30 MHz to 1 GHz; EUT in upright position, prescan - Horizontal and Vertical**



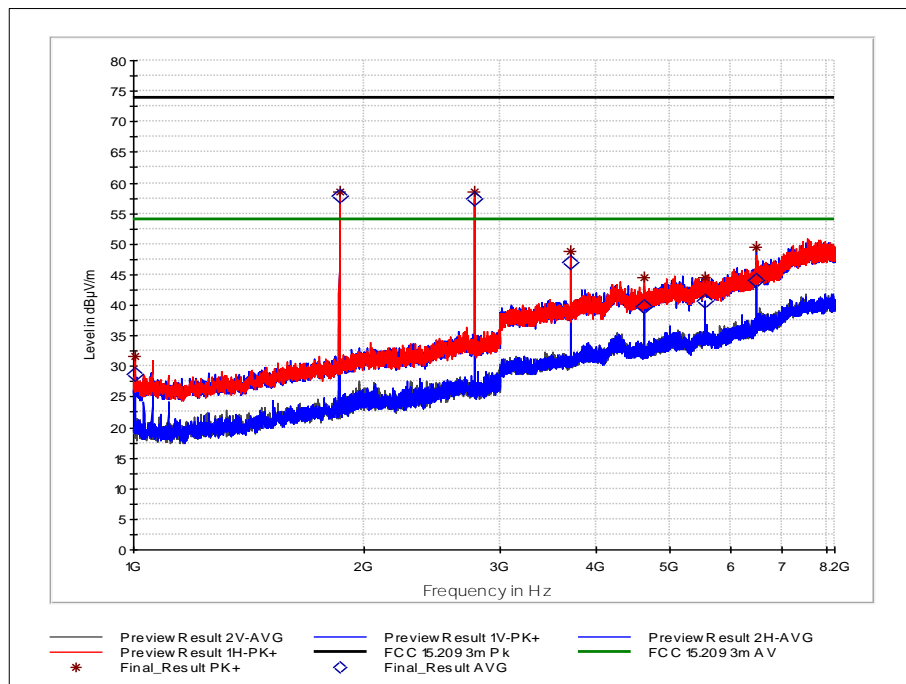
**Figure 61 - 927.5 MHz - 30 MHz to 1 GHz; EUT flat on table - Horizontal and Vertical**



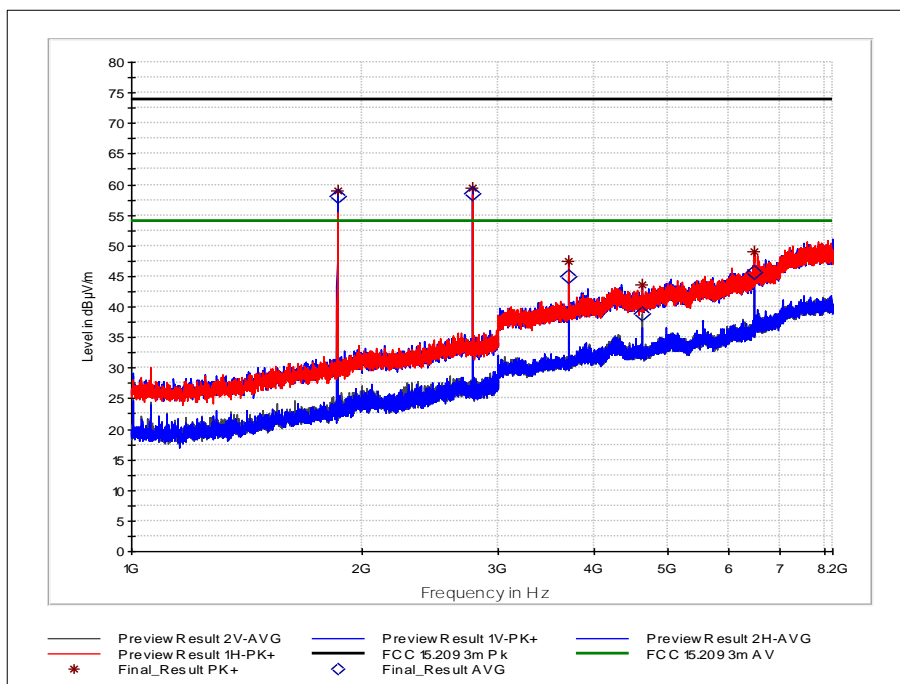
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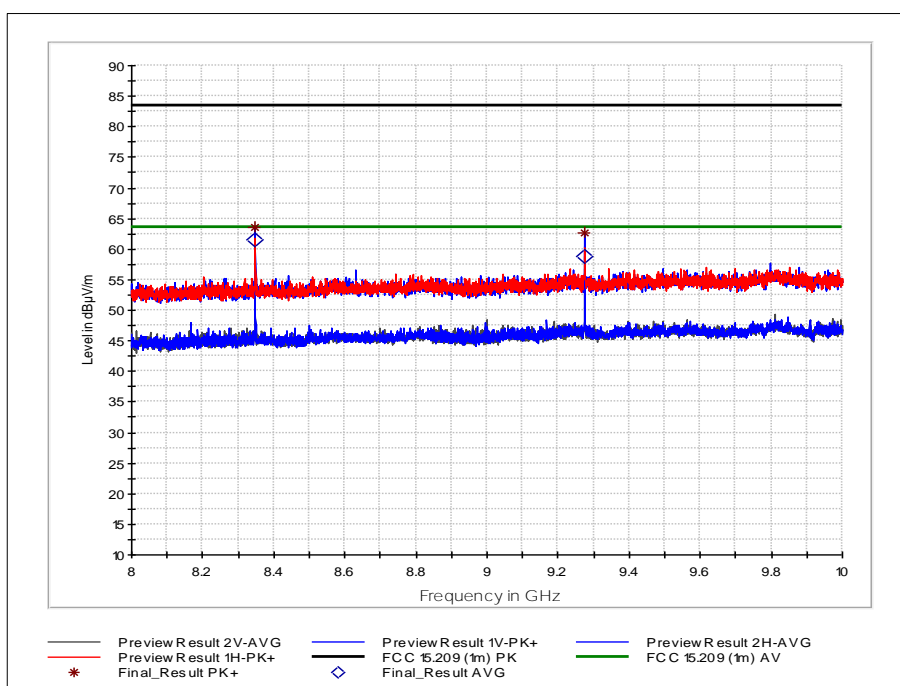
**Figure 62 - 927.5 MHz - 1 GHz to 8.2 GHz - EUT flat on table; prescan - Horizontal and Vertical**



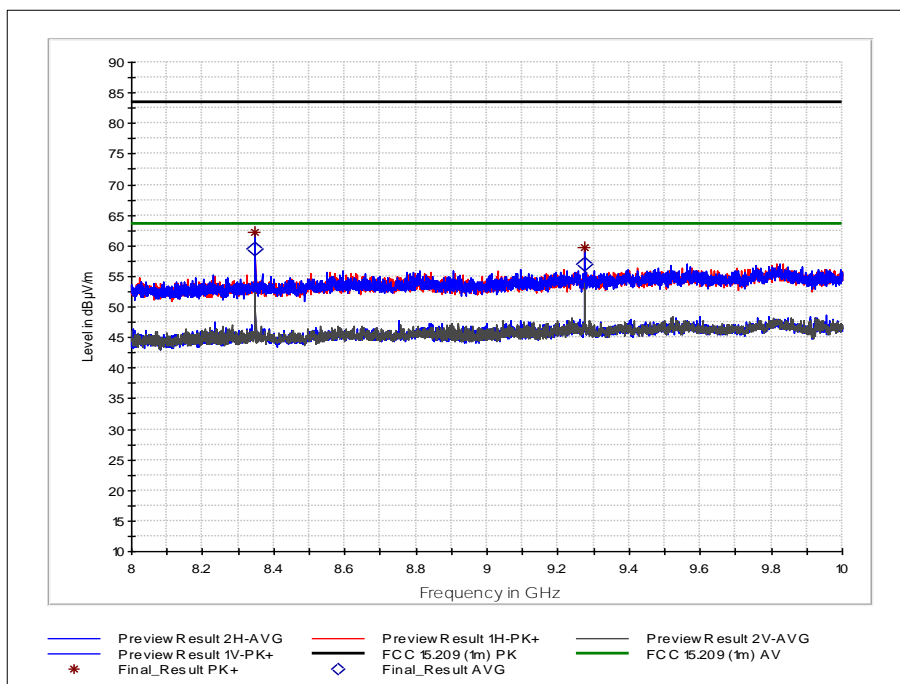
**Figure 63 - 927.5 MHz - 1 GHz to 8.2 GHz - EUT on long side; prescan - Horizontal and Vertical**



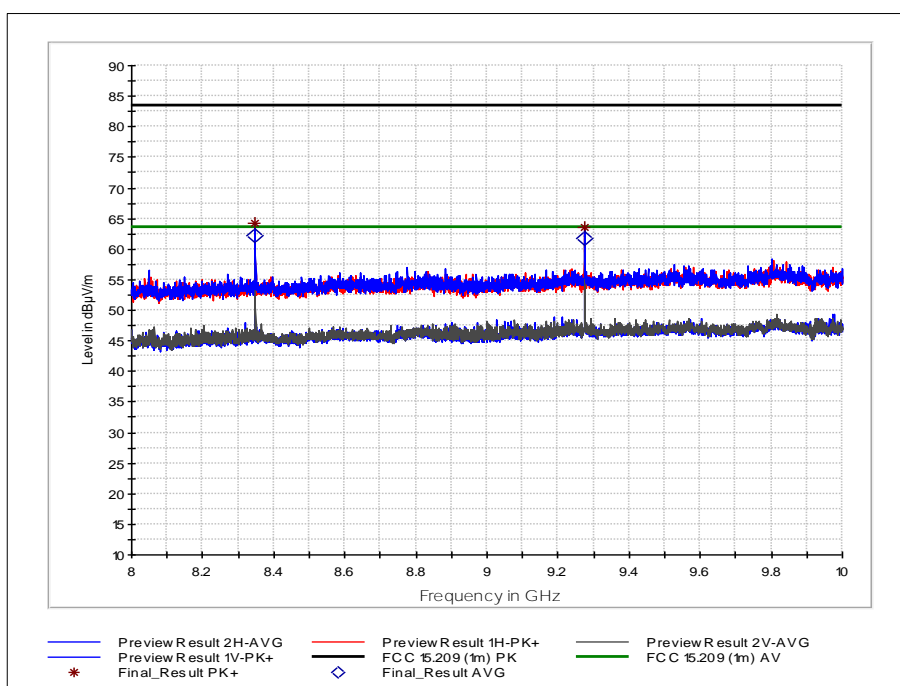
**Figure 64 - 927.5 MHz - 1 GHz to 8.2 GHz - EUT in upright position; prescan - Horizontal and Vertical**



**Figure 65 - 927.5 MHz - 8.2 GHz to 10 GHz - EUT flat on table; prescan - Horizontal and Vertical**



**Figure 66 - 927.5 MHz - 8.2 GHz to 10 GHz - EUT on long side; prescan - Horizontal and Vertical**



**Figure 67 - 927.5 MHz - 8.2 GHz to 10 GHz - EUT in upright position; prescan - Horizontal and Vertical**