Annex E - 15.209 Band Edges

Naming Convention:

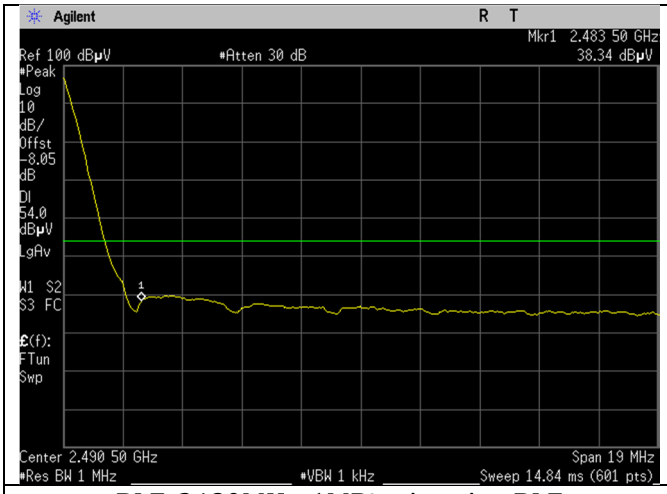
Radio Type (BLE, Wi-Fi)_Frequency (MHz)_Wi-Fi Bandwidth (MHz)_Configuration (b/g/n-mode, 1/2 MBit)_ Measurement (Avg, Peak)_Antenna(Ant A, Ant B, Ant BLE)

Note: below measurements are in units of dBuV/m at 3meters. These measurements are performed conducted in lieu of radiated as permitted by ANSI C63.10-2013. The following formula was used in making such conversions:

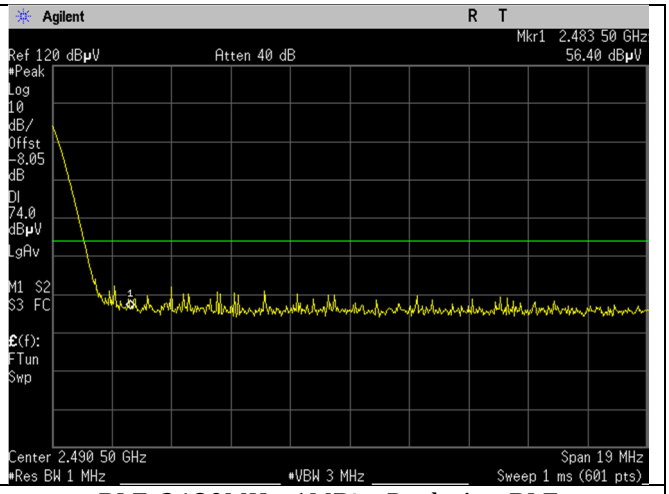
Above 1GHz: E[dBμV/m] = EIRP[dBm] - 20 log (d[m]) + 104.77, where E is field strength and d is

distance at which the field strength limit is specified in the applicable requirements. E[dBμV/m] = EIRP[dBm] + 95.2, for d = 3 m. Straight conversion between E[dBuV/m] and EIRP[dBm} = 107. Thus offset for dBuV/m at 3meters is 95.2-107+antenna gain.

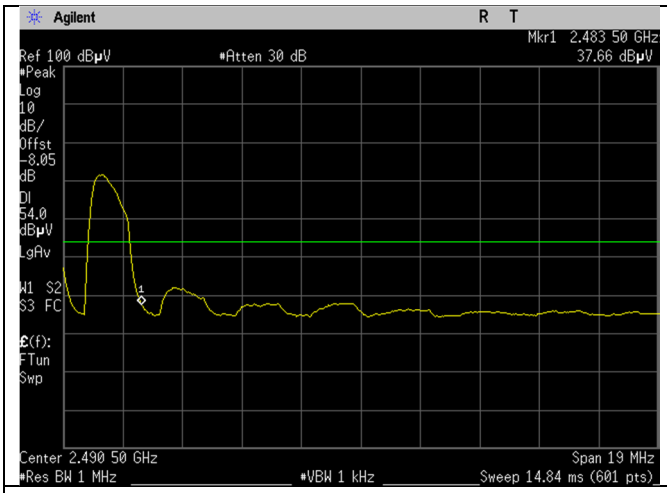
Below 1GHz: above is true in addition to adding ground plane contribution of 4.7dB. thus offset for dBuV/m at 3meters is 95.2-107+4.7+antenna gain.



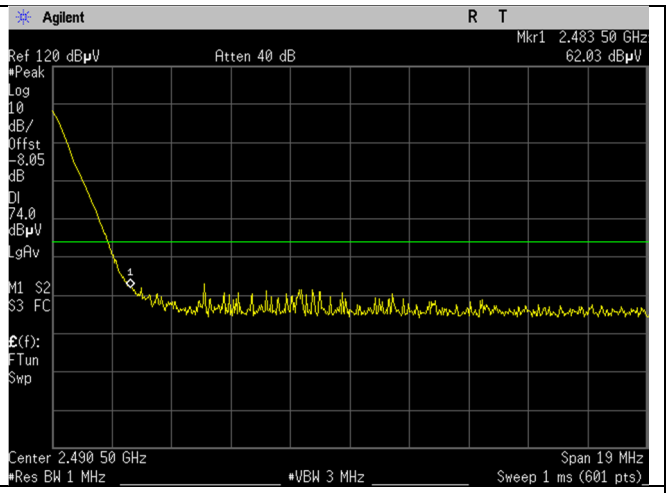
BLE_2480MHz_1MBit_ Avg_Ant BLE



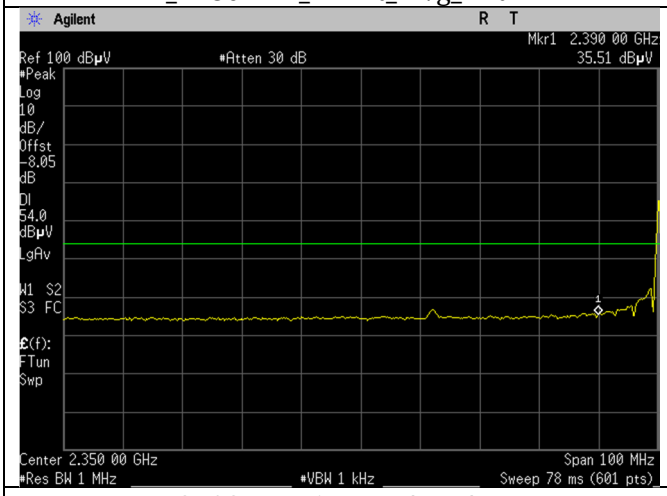
BLE_2480MHz_1MBit_ Peak_Ant BLE



BLE_2480MHz_2MBit_ Avg_Ant BLE



BLE_2480MHz_2MBit_ Peak_Ant BLE



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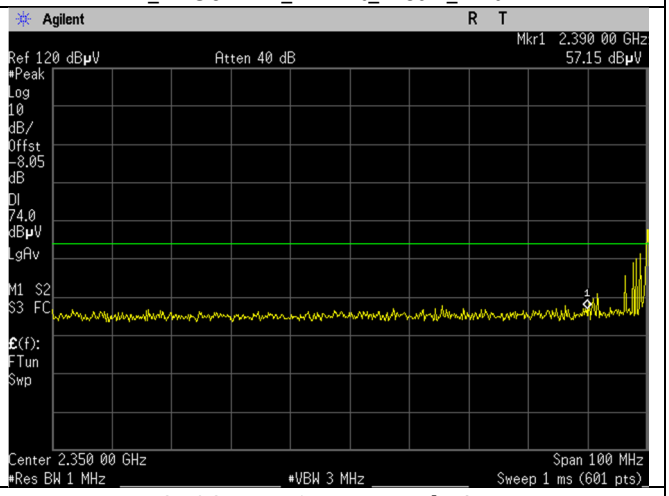
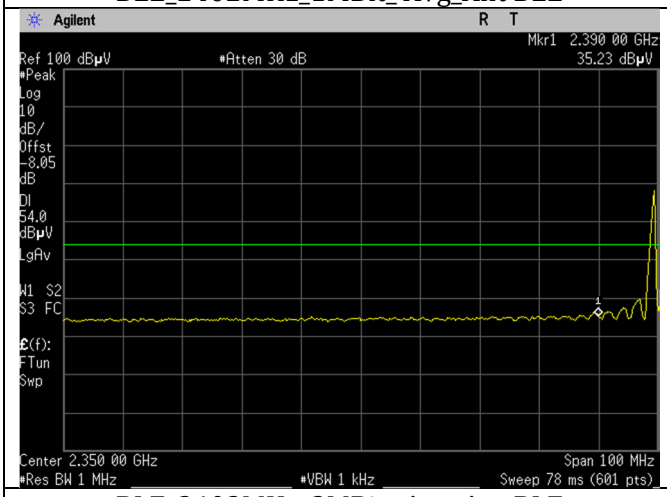
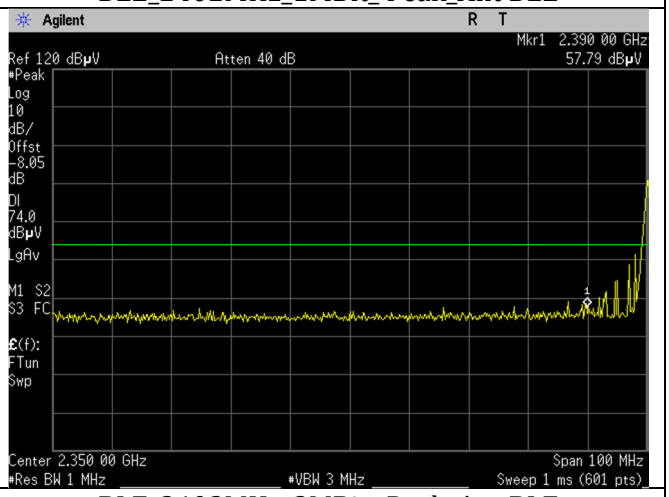


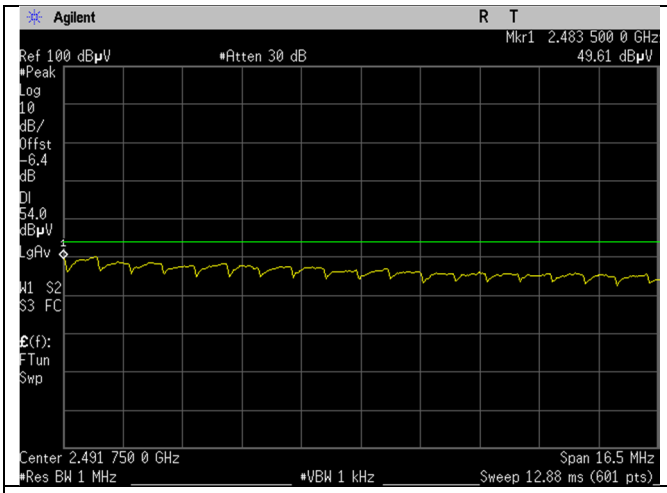
BLE_2402MHz_1MBit_ Peak_Ant BLE



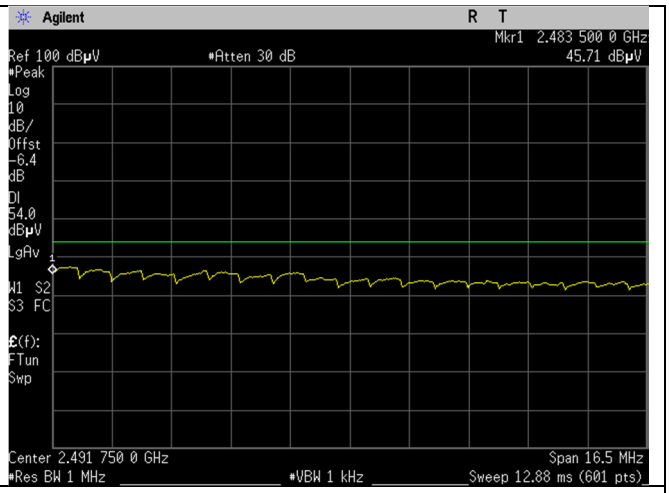
BLE_2402MHz_2MBit_ Avg_Ant BLE



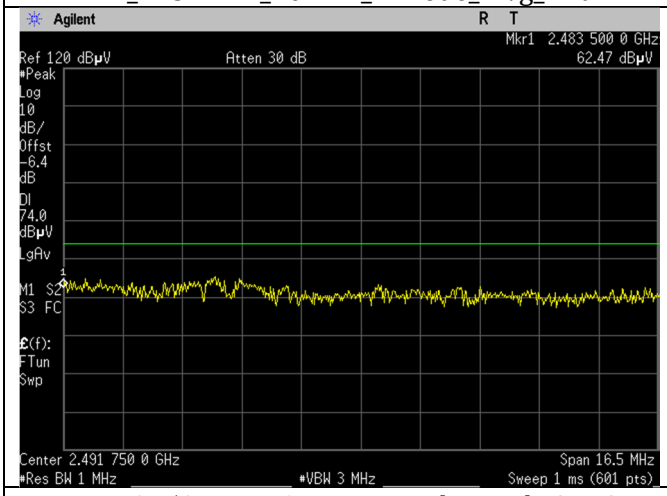
BLE_2402MHz_2MBit_ Peak_Ant BLE



WIFI_2452MHz_40MHz_n-mode_ Avg_Ant A



WIFI_2452MHz_40MHz_n-mode_ Avg_Ant B



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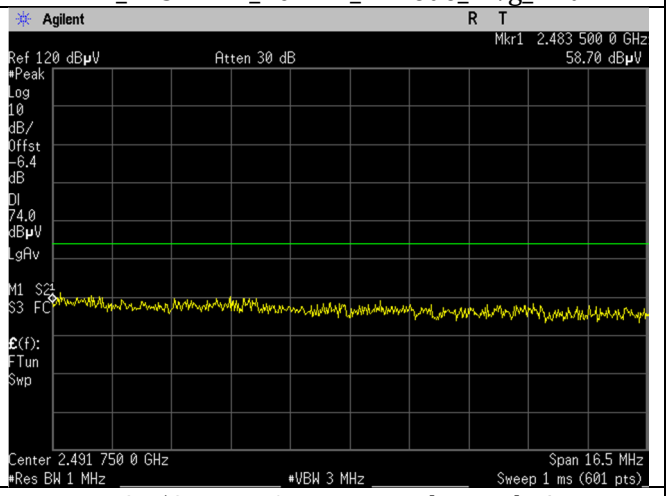

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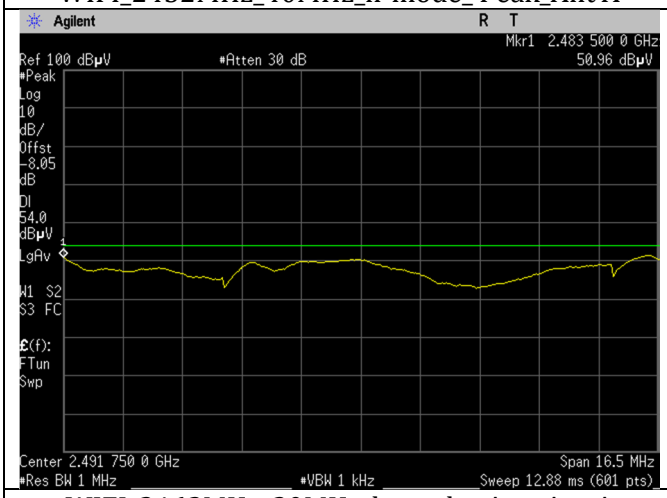

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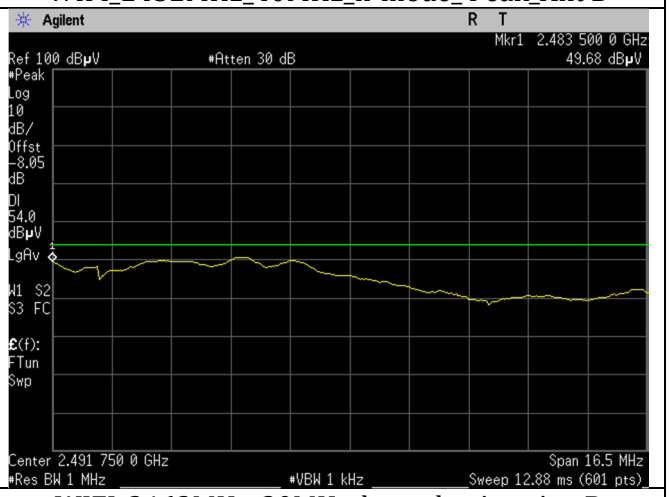

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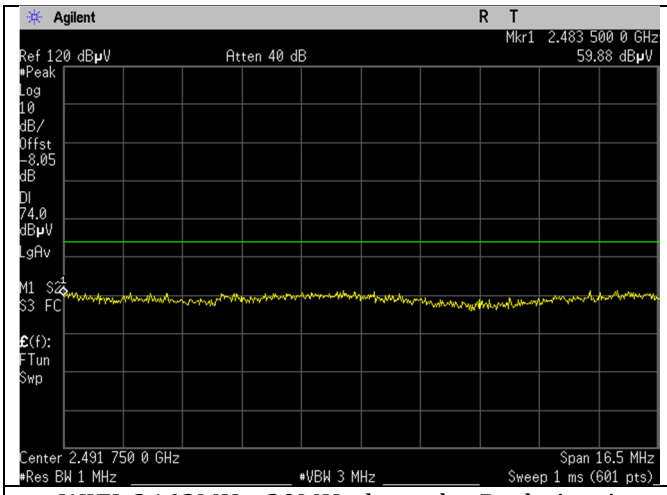

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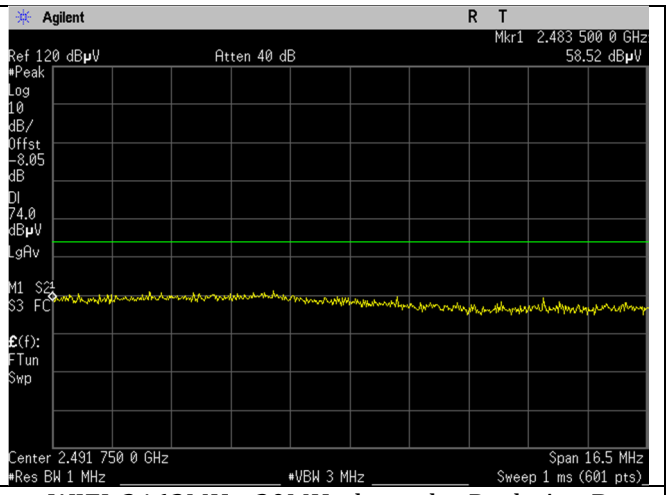

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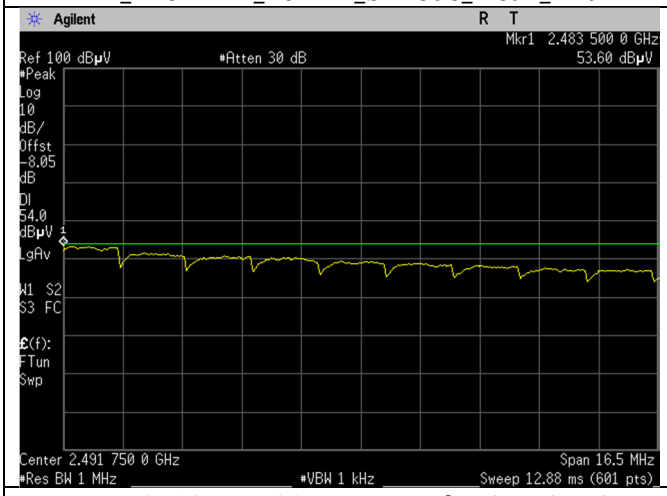
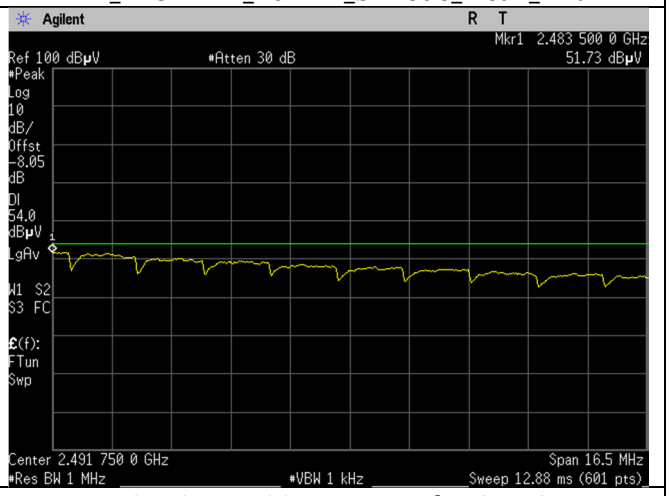
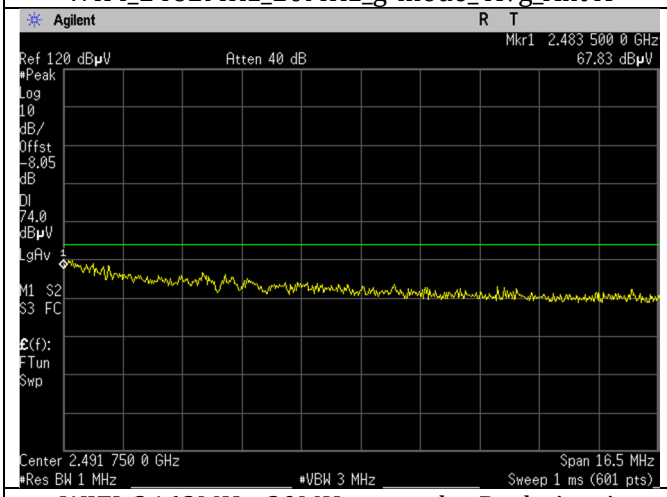


WIFI_2462MHz_20MHz_g-mode_ Avg_Ant A



WIFI_2462MHz_20MHz_g-mode_ Avg_Ant B



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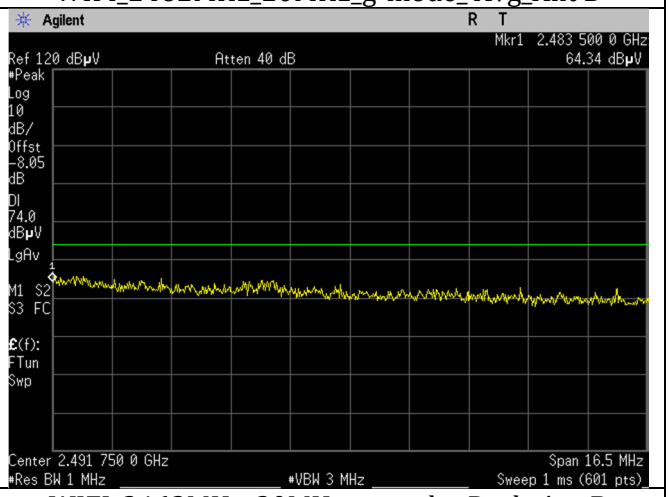

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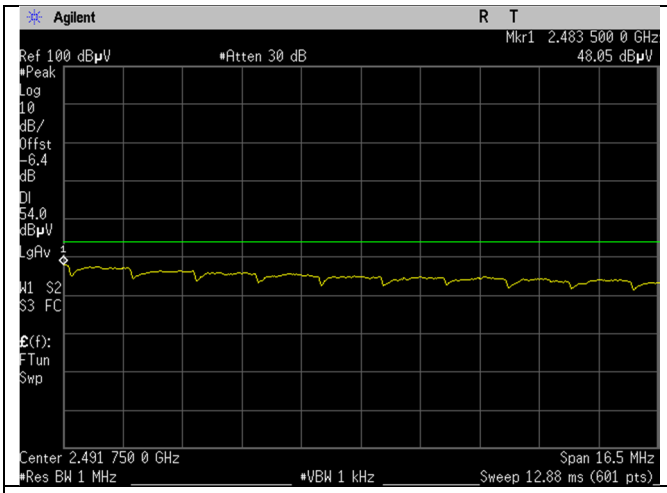

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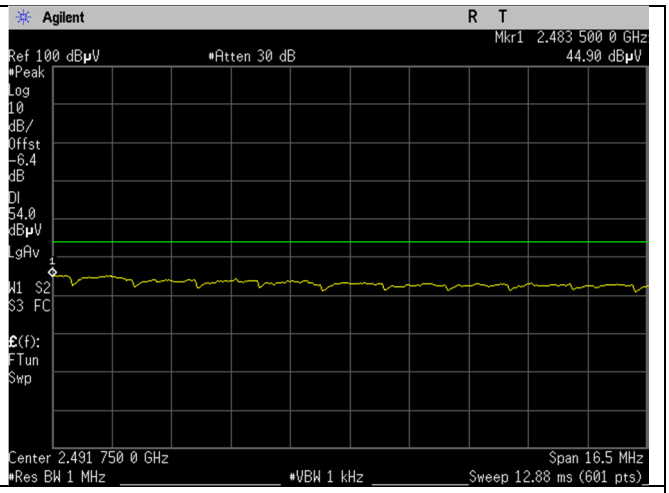

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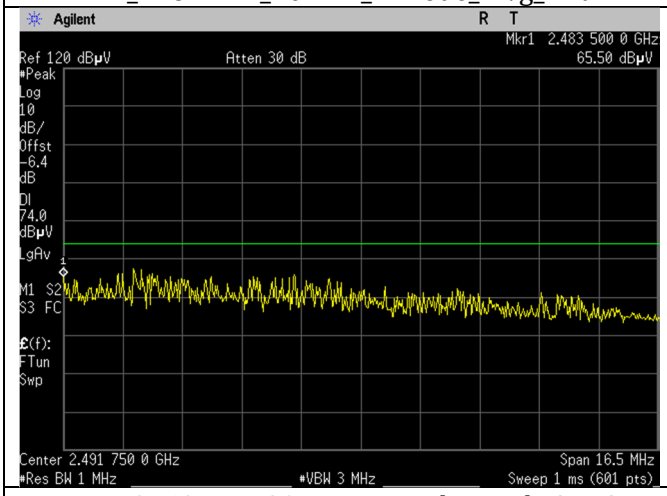

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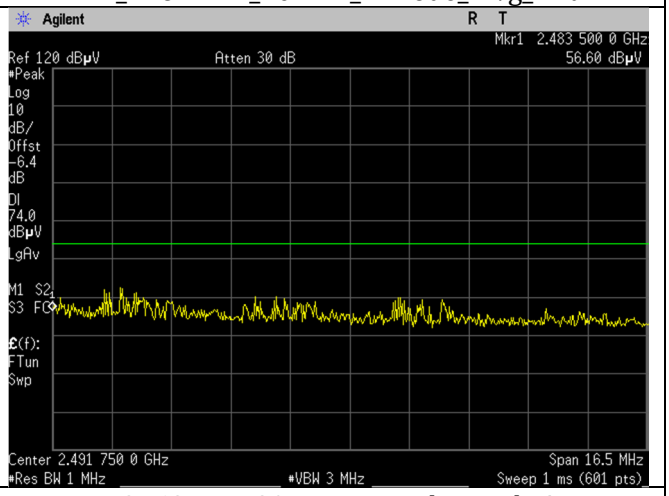

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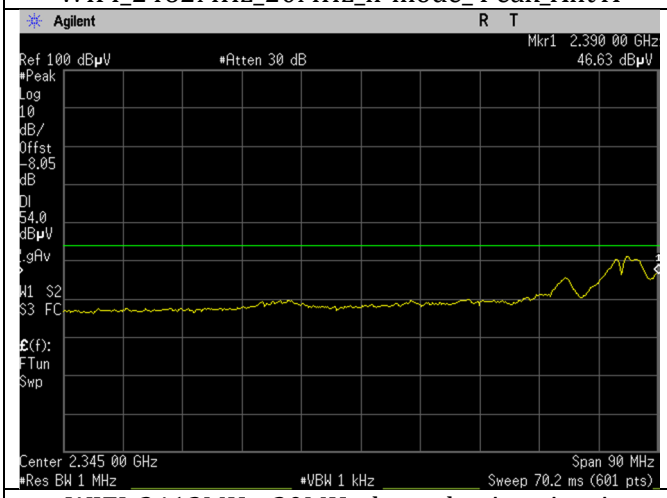
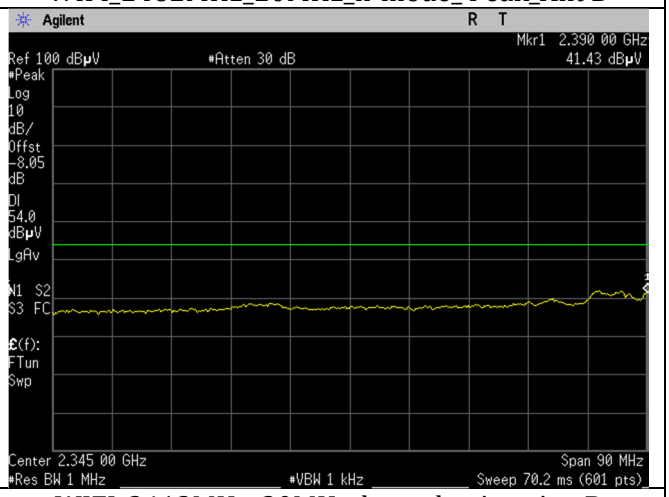


WIFI_2412MHz_20MHz_b-mode_ Avg_Ant A



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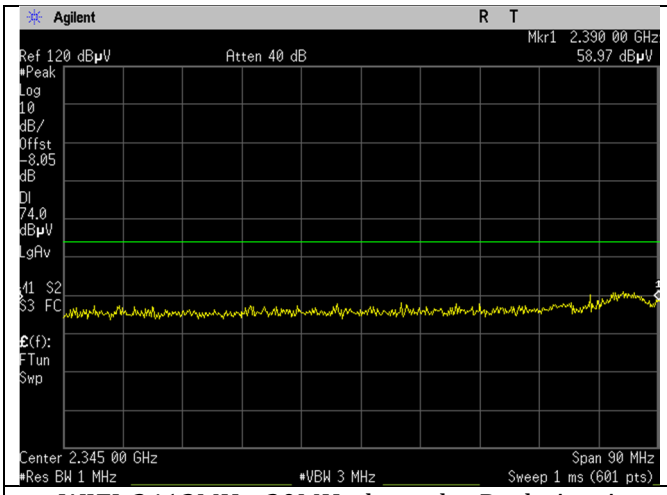

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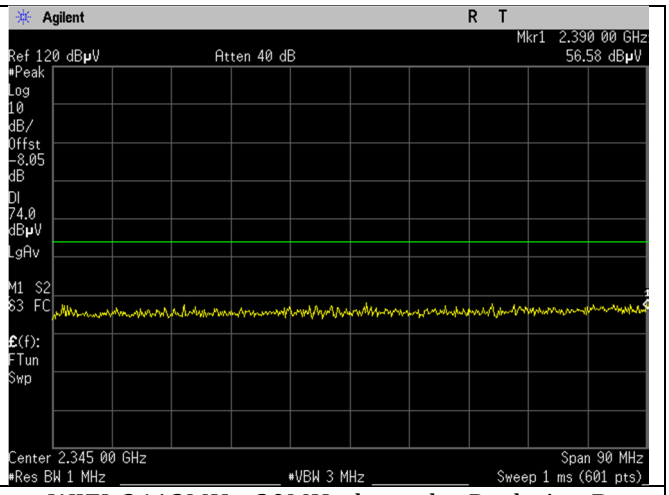

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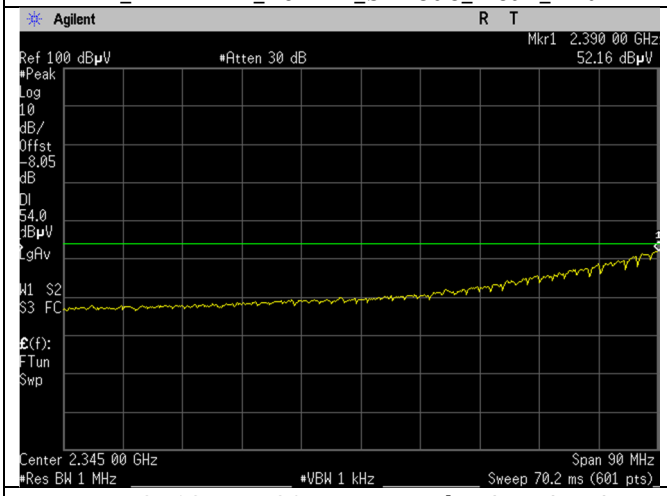
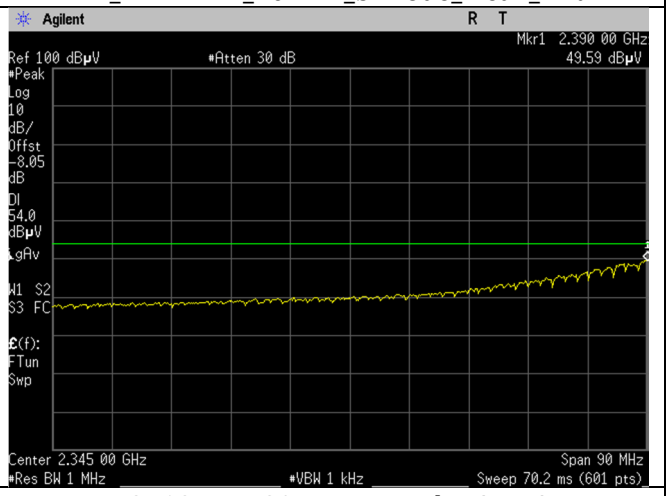


WIFI_2412MHz_20MHz_g-mode_ Avg_Ant A



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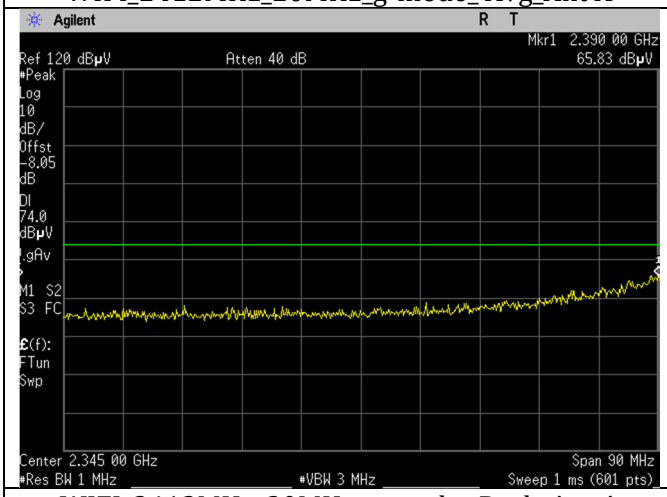

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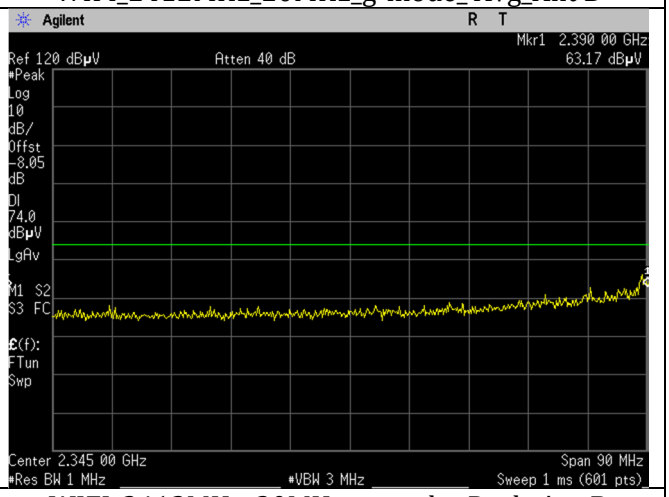

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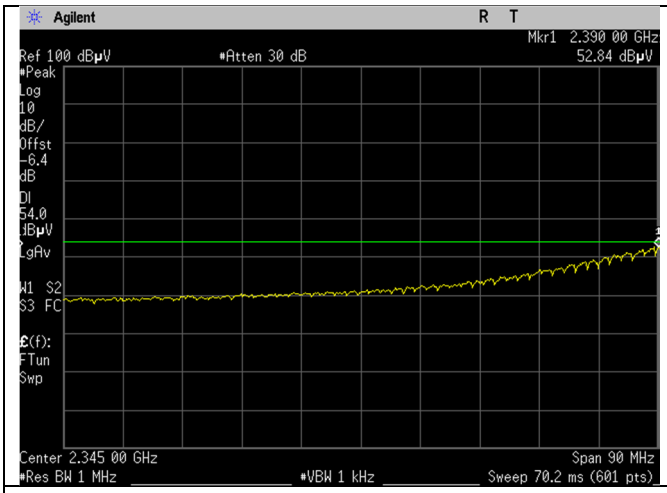
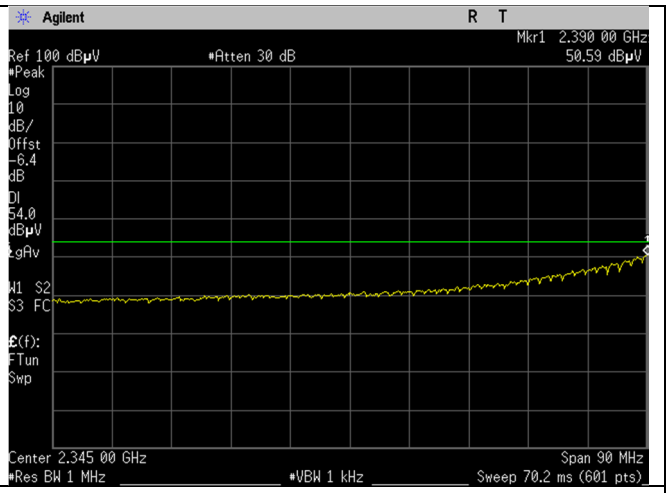


WIFI_2412MHz_20MHz_n-mode_ Avg_Ant A



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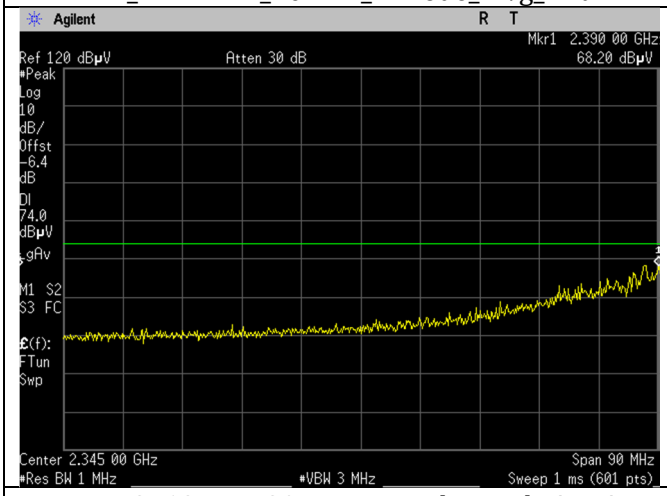

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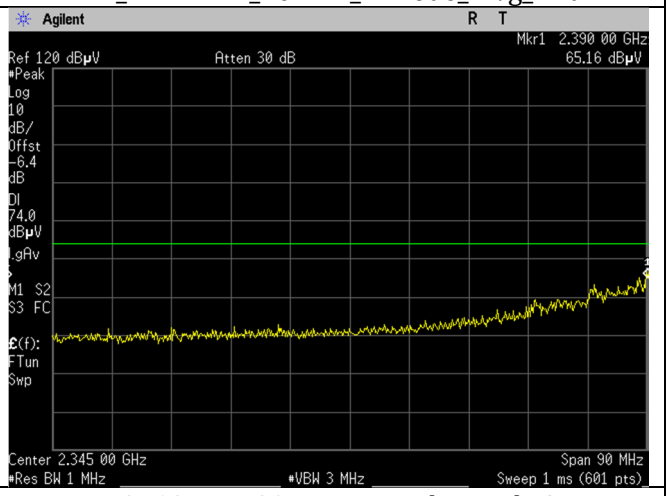
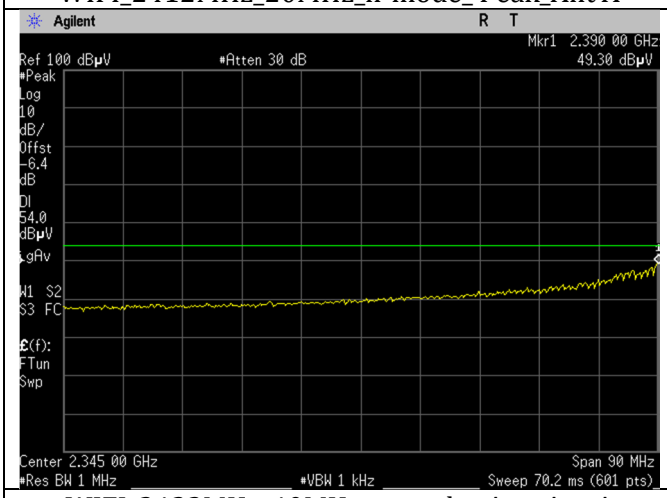
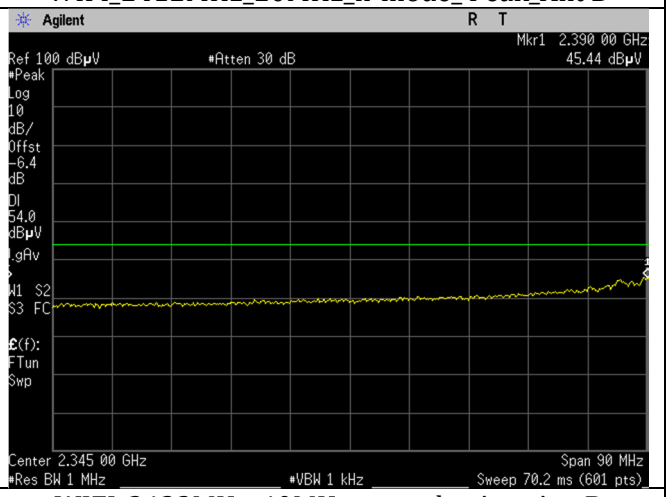


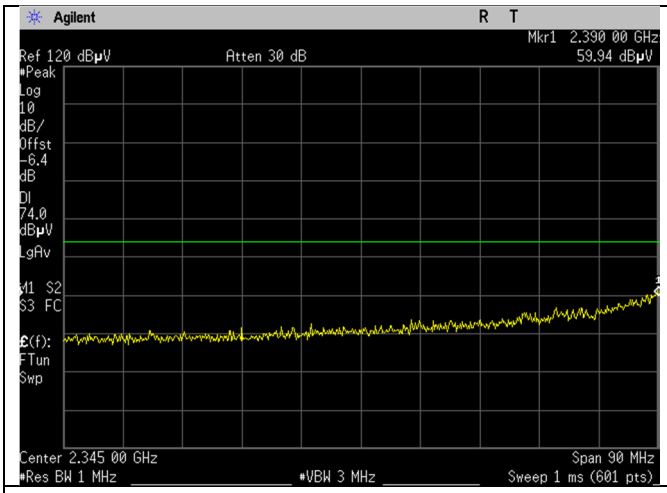
WIFI_2412MHz_20MHz_n-mode_ Peak_Ant B



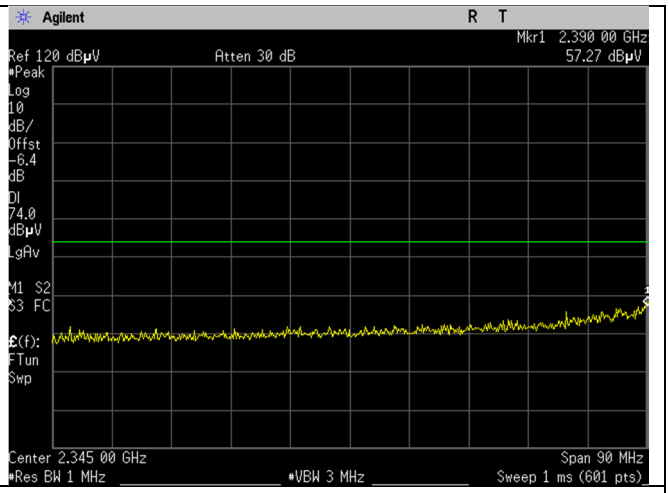
WIFI_2422MHz_40MHz_n-mode_ Avg_Ant A



WIFI_2422MHz_40MHz_n-mode_ Avg_Ant B



WIFI_2422MHz_40MHz_n-mode_ Peak_Ant A



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