

Spurious Emissions (1-40GHz)

5250-5350MHz

Naming Convention:

Frequency (MHz)_Channel_Bandwidth (MHz)_Modulation_Frequency Range_Measurement (Avg, Peak)

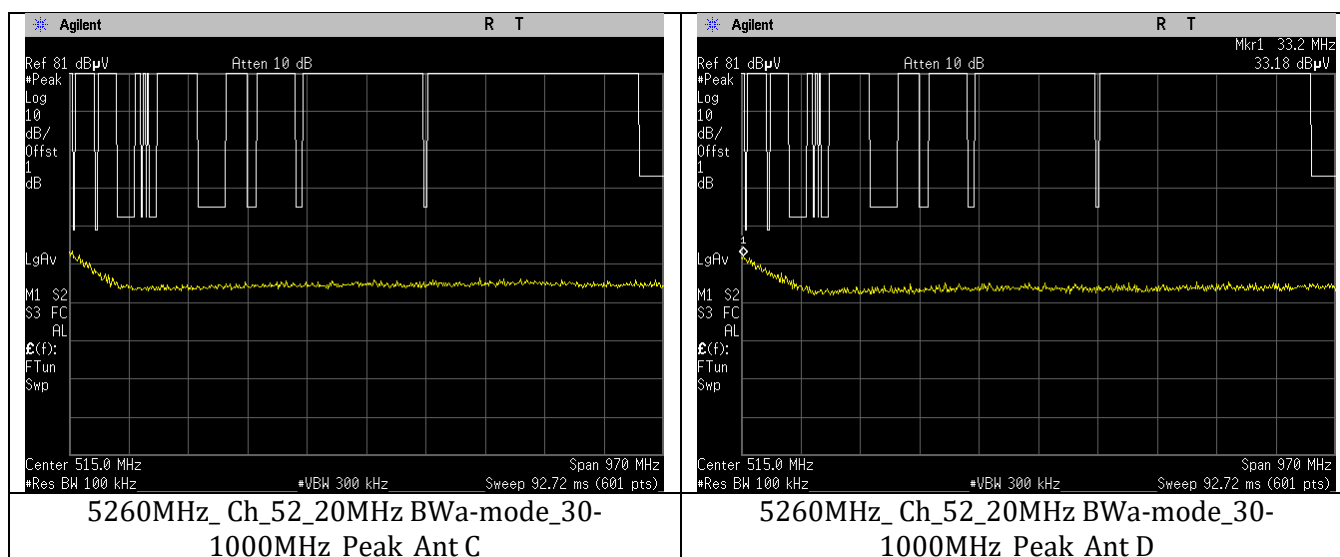
Note: below measurements are in units of dBuV/m at 3meters. These measurements are performed conducted in lieu of radiated as permitted by ANSI C63.10-2013. The following formula was used in making such conversions:

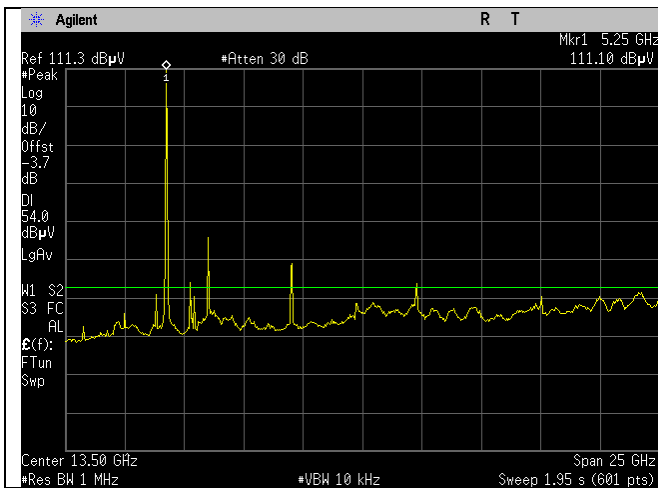
Above 1GHz: $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] - 20 \log(d[\text{m}]) + 104.77$, where E is field strength and d is distance at which the field strength limit is specified in the applicable requirements. $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$, for $d = 3 \text{ m}$. Straight conversion between $E[\text{dB}\mu\text{V}/\text{m}]$ and $\text{EIRP}[\text{dBm}] = 107$. Thus offset for dBuV/m at 3meters is $95.2 - 107 + \text{antenna gain}$.

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

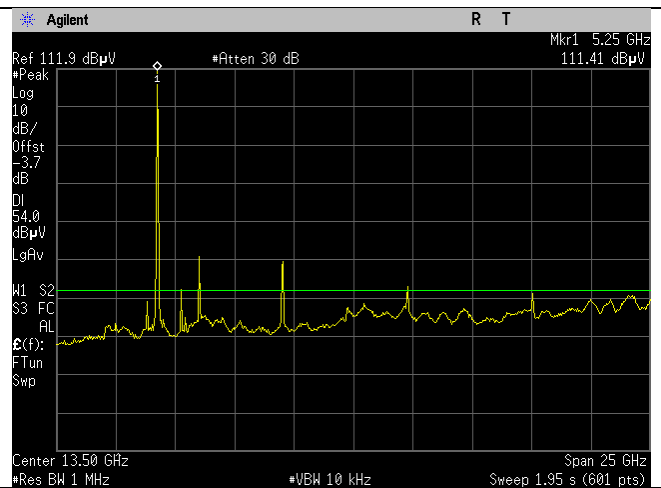
Note: emissions exceeding applicable limits are evaluated radiated in chamber. Please refer to main test report for these test results

WLAN1

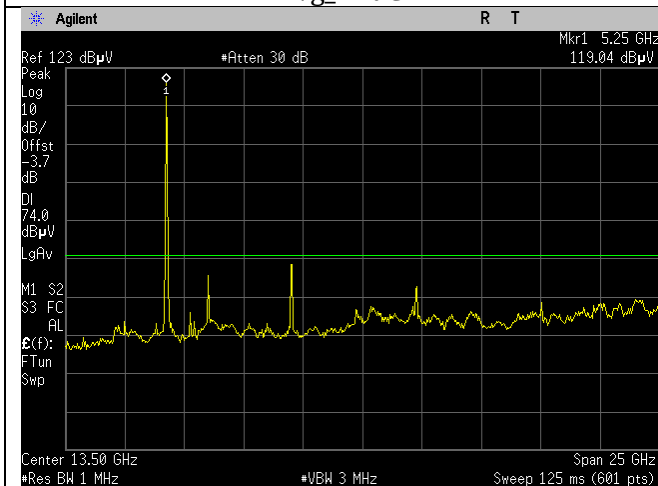




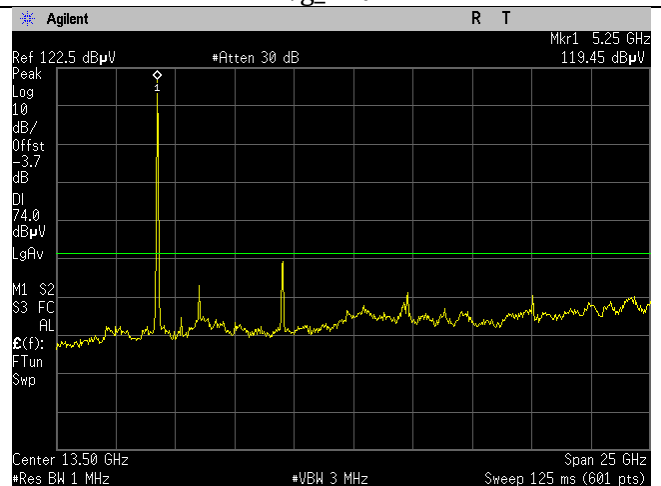
5260MHz_Ch_52_20MHz BW_a-mode_1-26 GHz
Avg_Ant C



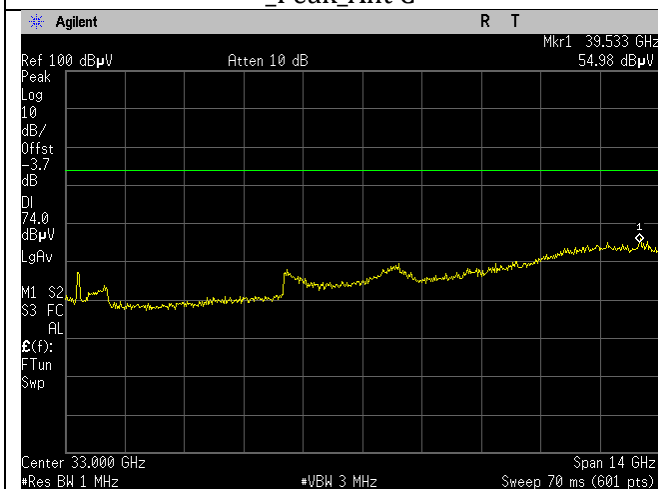
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Avg_Ant D



5260MHz_Ch_52_20MHz BW_a-mode_1-26GHz
_Peak_Ant C



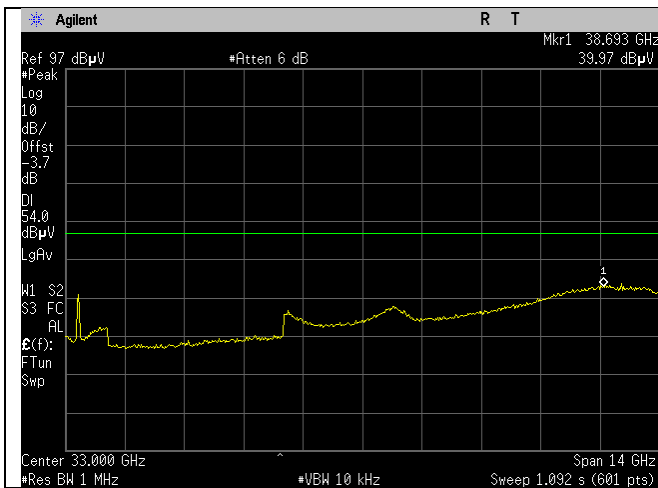
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_Peak_Ant D



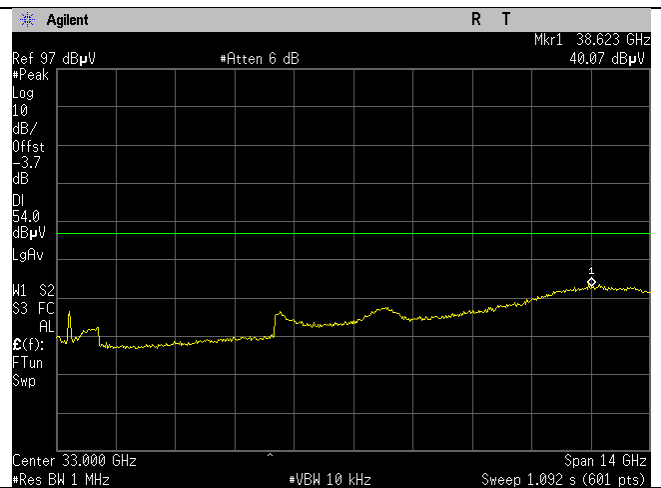
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Peak_Ant C



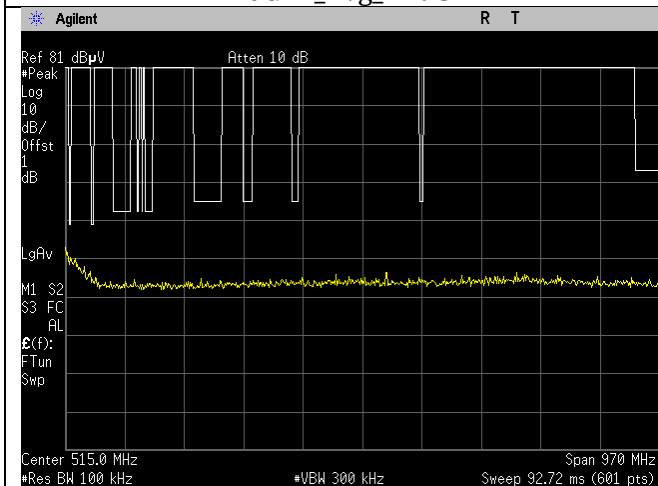
5260MHz_Ch_52_20MHz BW_a-mode_26-40GHz
Peak_Ant D



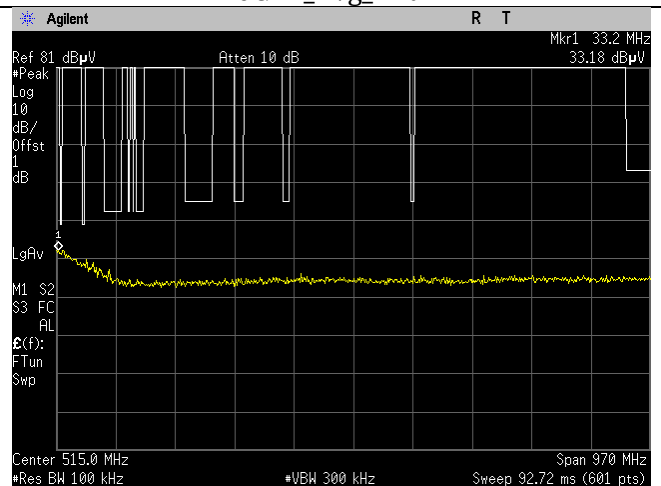
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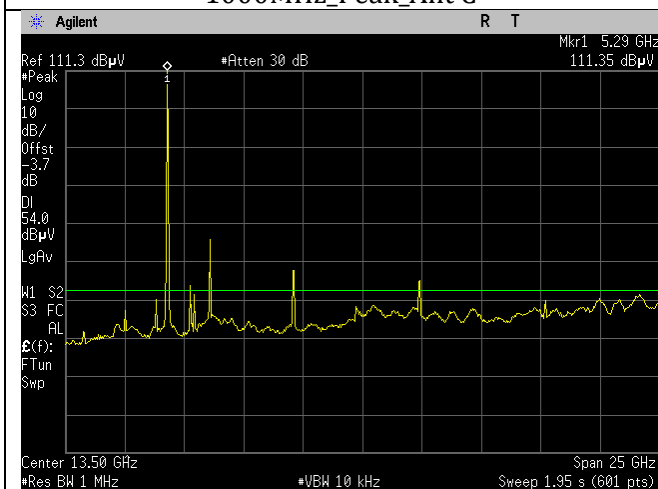
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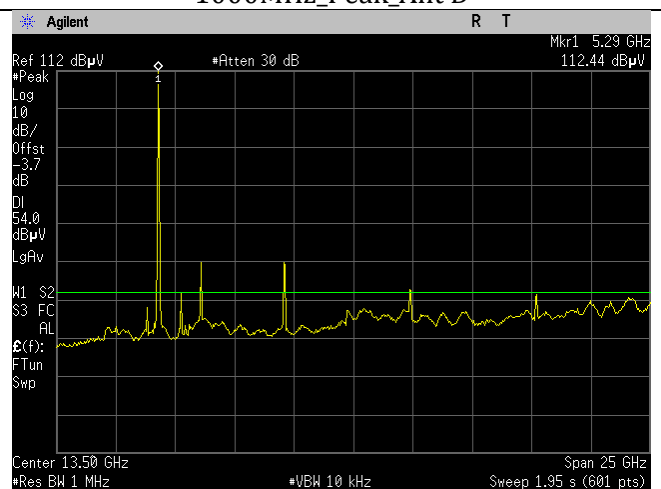
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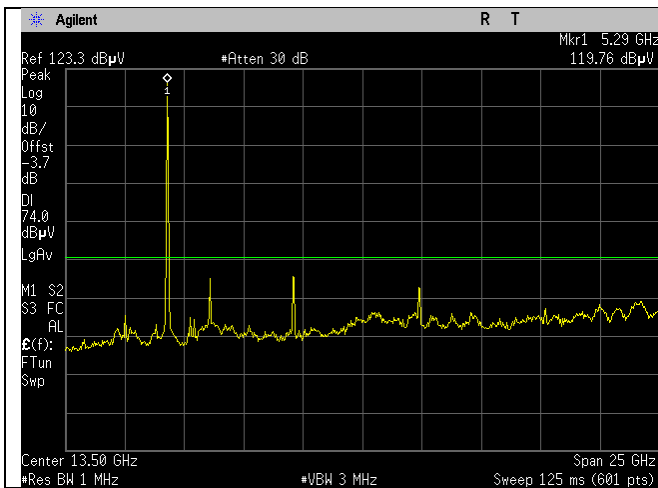
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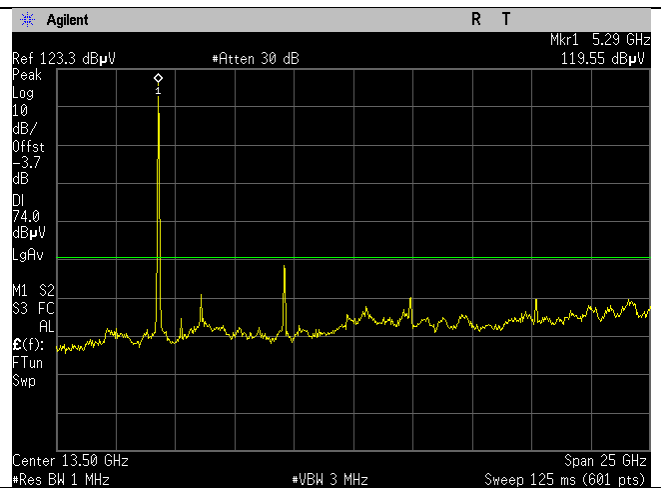
5300MHz_high_Mid Ch_60_20MHz BW_a-mode_1-
26 GHz avg_Ant C



5300MHz_high_Mid Ch_60_20MHz BW_a-mode_1-
26 GHz avg_Ant D



5300MHz_high_Mid Ch_60_20MHz BW_a-mode_1-26GHz_Peak_Ant C



5300MHz_high_Mid Ch_60_20MHz BW_a-mode_1-26GHz_Peak_Ant D



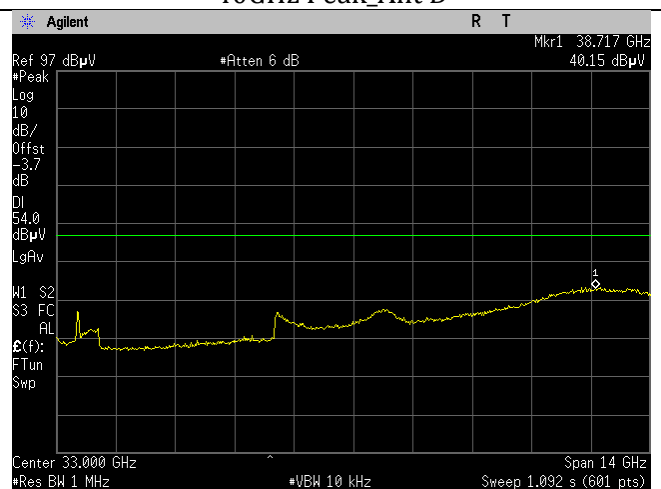
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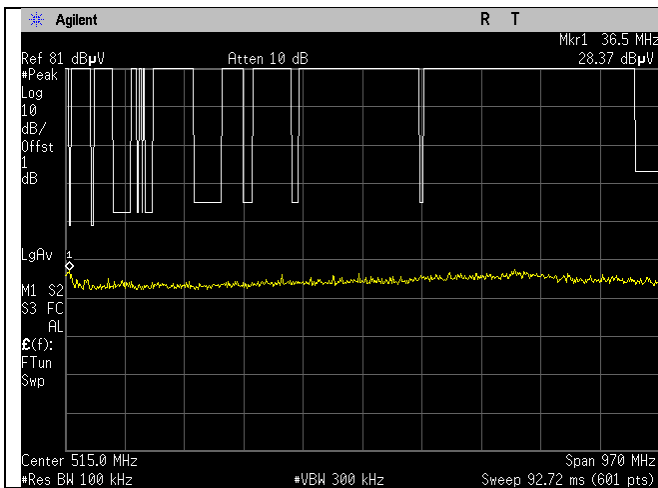
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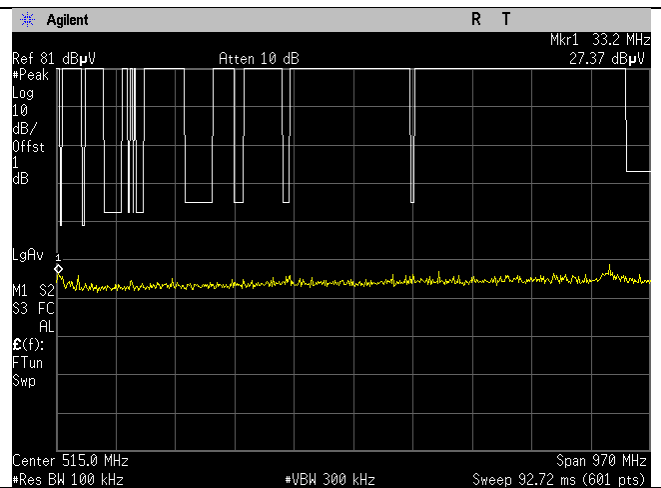
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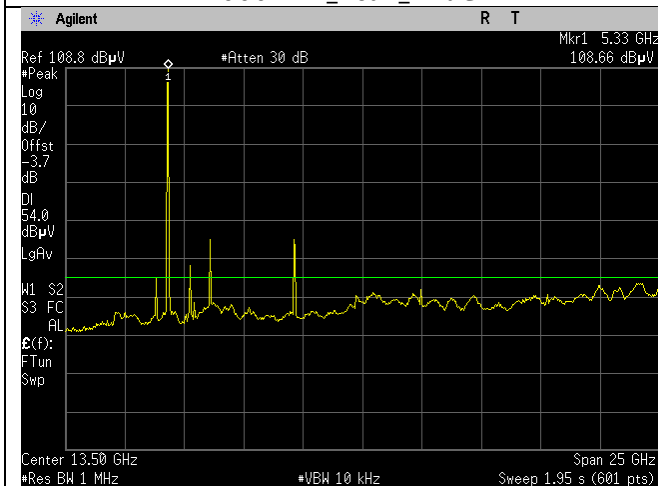
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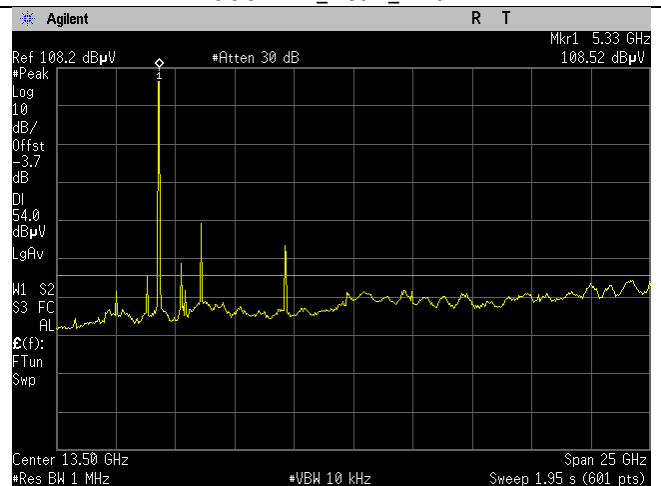
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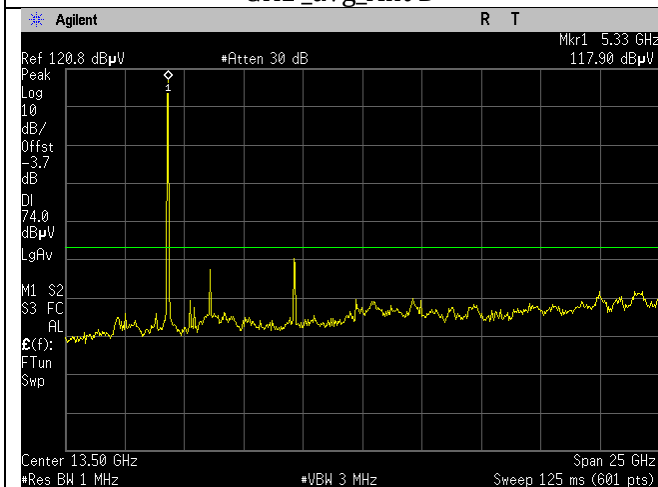
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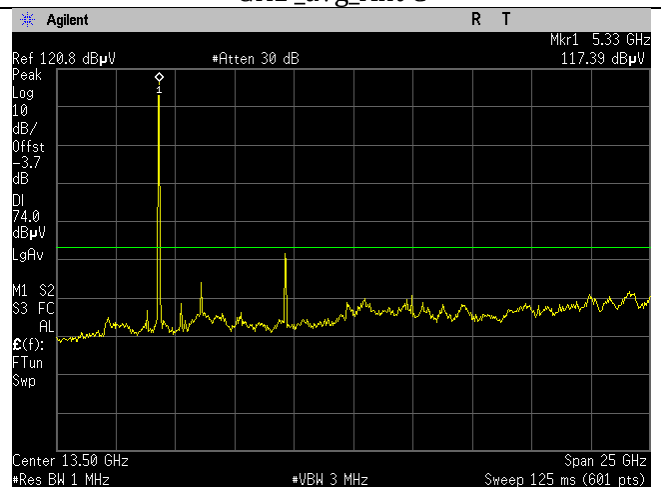
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GHz_avg_Ant D



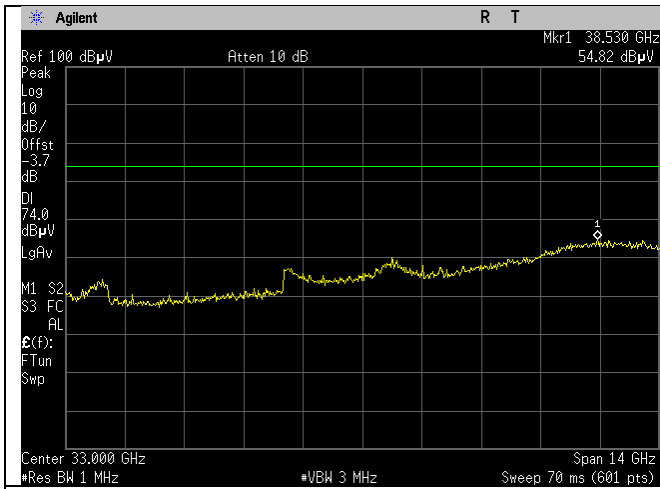
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GHz_avg_Ant C



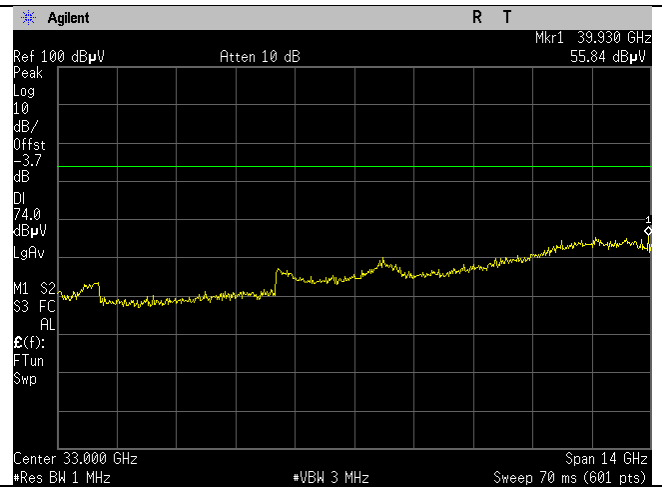
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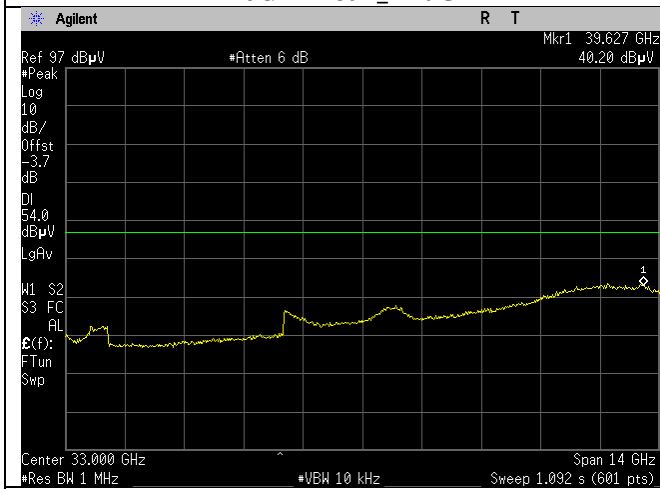
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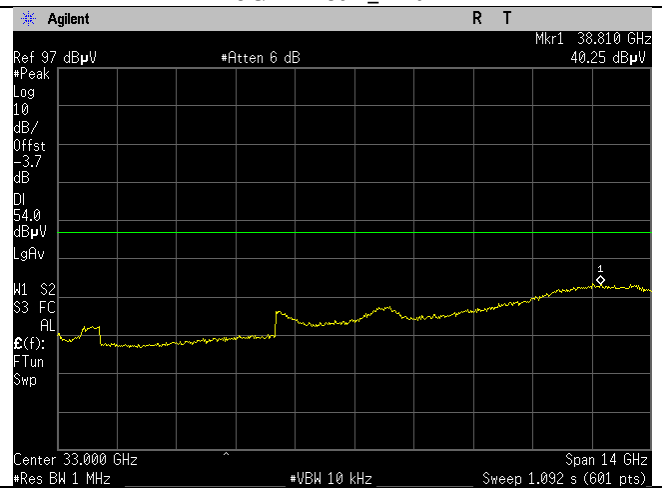
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40GHz Peak_Ant C



5320MHz_High Ch_64_20MHz BW_a-mode_26-
40GHz Peak_Ant D

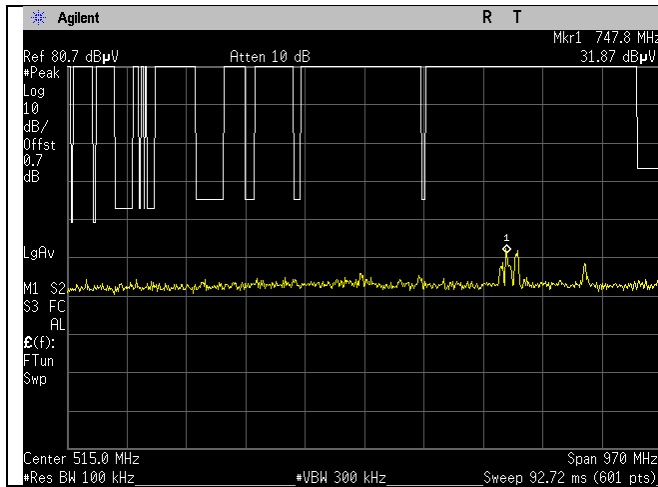
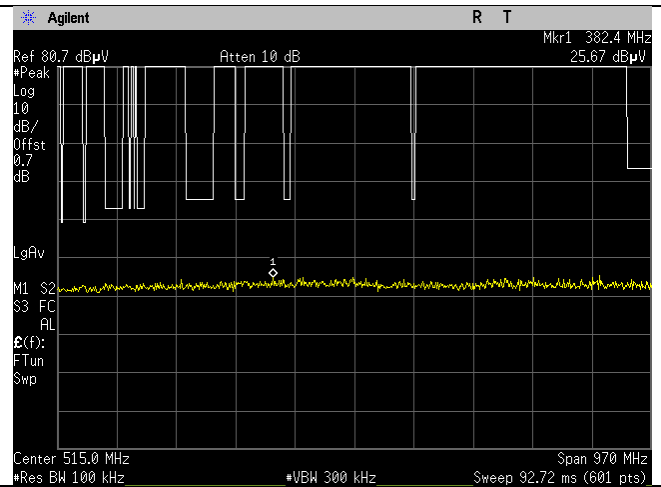
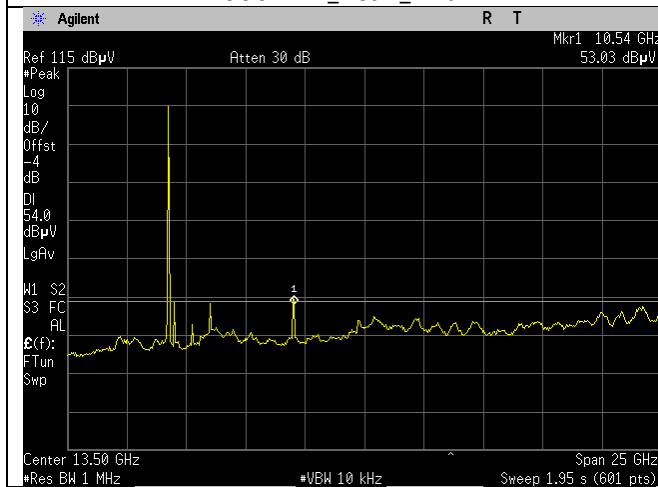
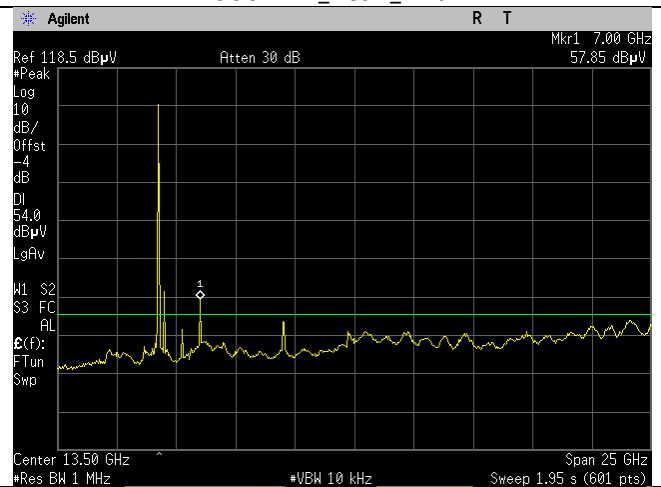
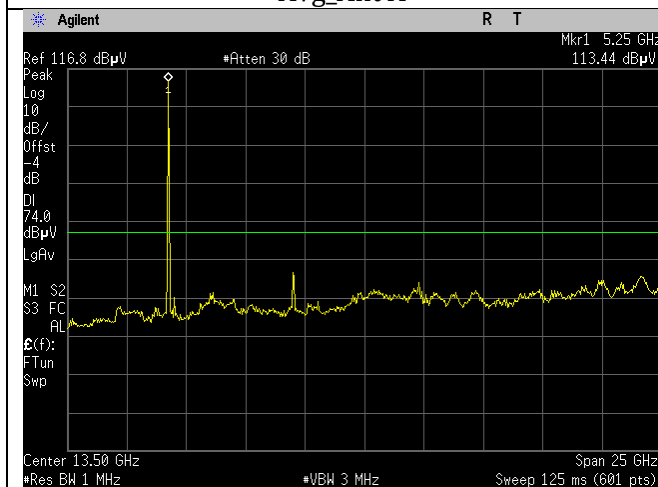
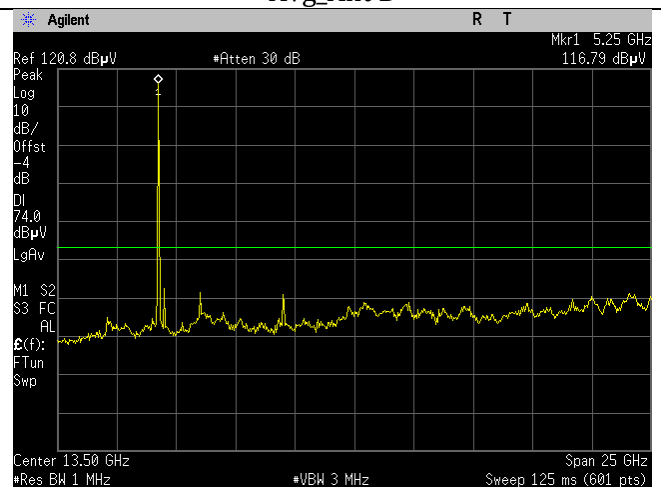


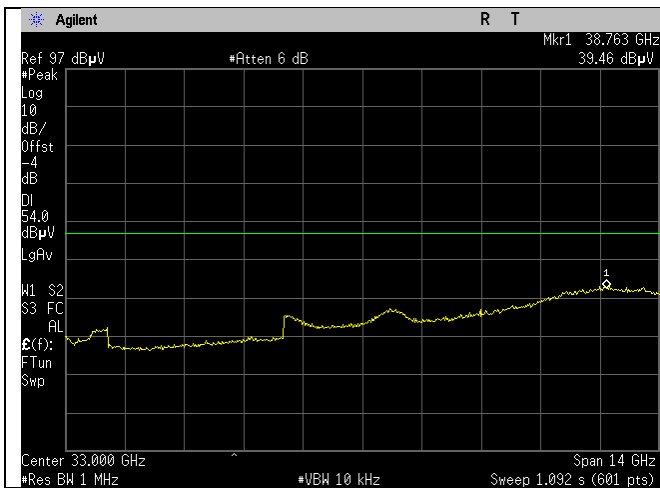
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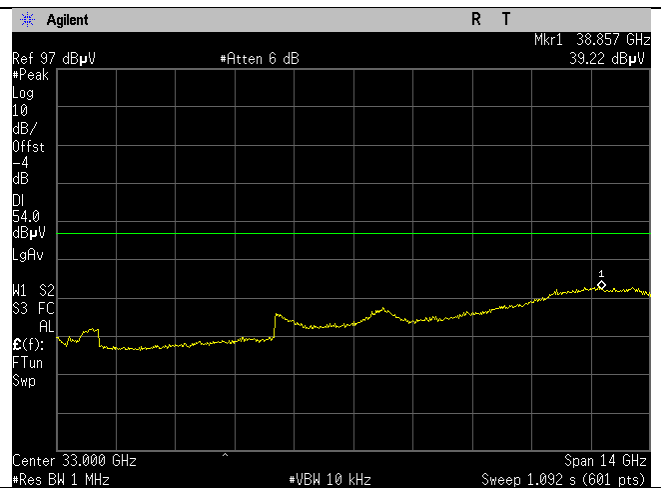
5320MHz_High Ch_64_20MHz BW_a-mode_26-
40GHz_Avg_Ant D

WLAN0

5260MHz_Ch_52_20MHz BW_a-mode_30-
1000MHz_Peak_Ant A5260MHz_Ch_52_20MHz BW_a-mode_30-
1000MHz_Peak_Ant B5260MHz_Ch_52_20MHz BW_a-mode_1-26GHz
Avg_Ant A5260MHz_Ch_52_20MHz BW_a-mode_1-26GHz
Avg_Ant B5260MHz_Ch_52_20MHz BW_a-mode_1-26GHz
_Peak_Ant A5260MHz_Ch_52_20MHz BW_a-mode_1-26GHz
_Peak_Ant B



5260MHz_Ch_52_20MHz BW_a-mode_26-
40GHz_Avg_Ant A



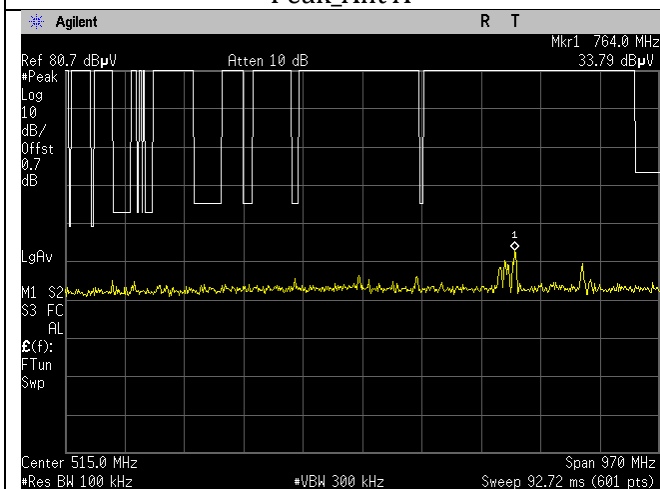
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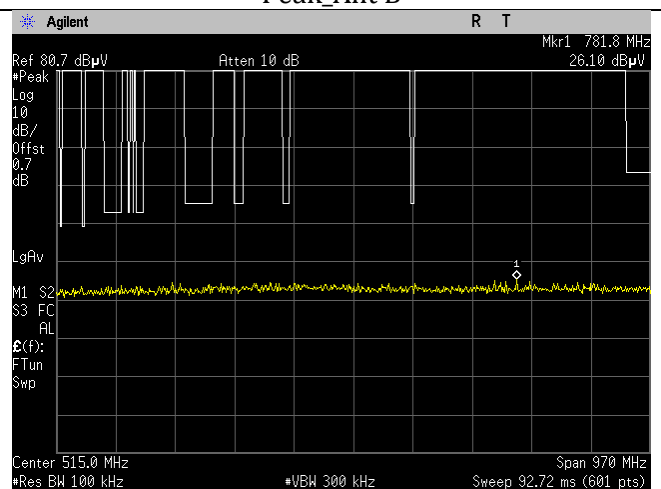
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Peak_Ant A



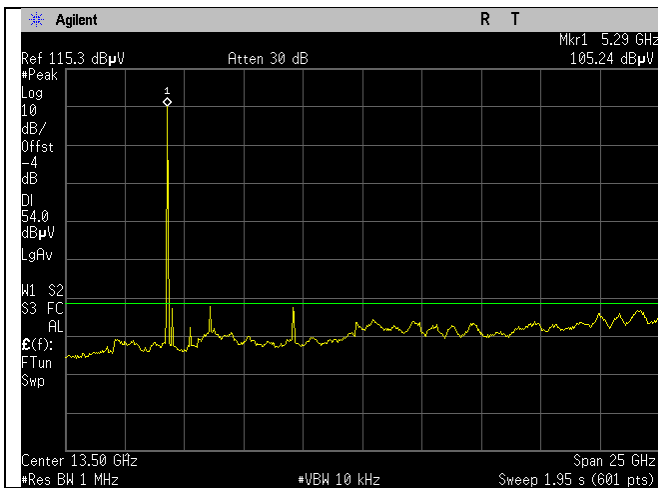
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Peak_Ant B



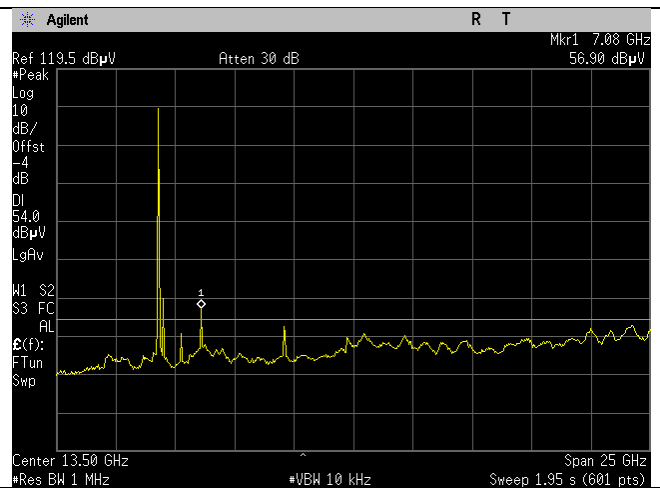
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1000MHz_Peak_Ant A



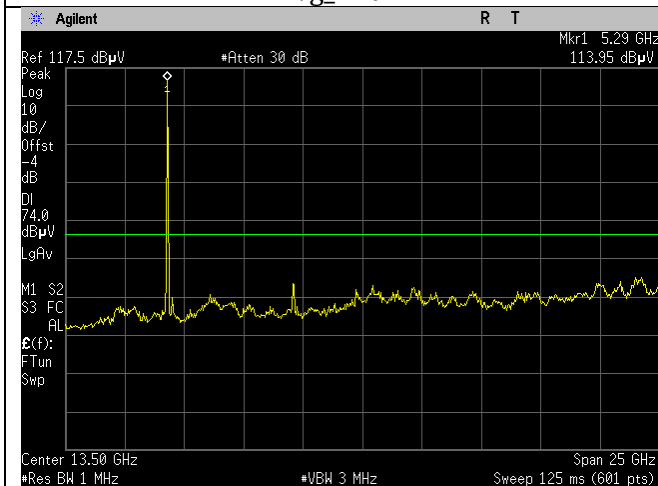
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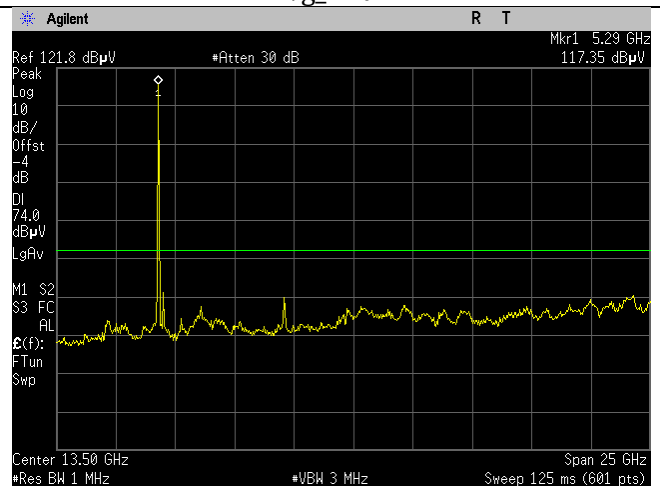
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Avg_Ant A



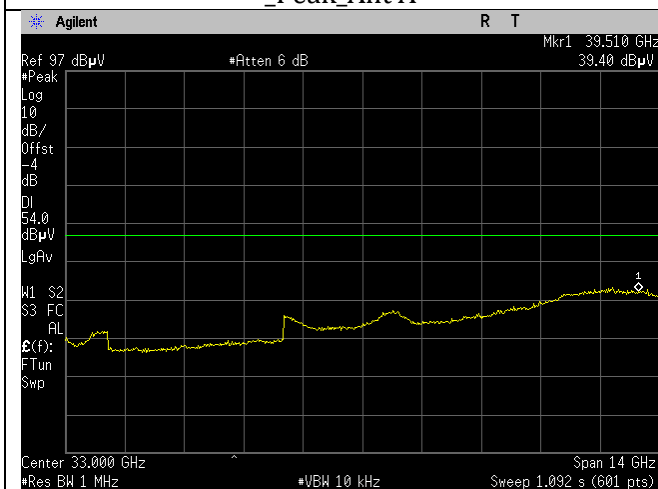
5300MHz_Ch_60_20MHz BW_a-mode_1-26GHz
Avg_Ant B



5300MHz_Ch_60_20MHz BW_a-mode_1-26GHz
_Peak_Ant A



5300MHz_Ch_60_20MHz BW_a-mode_1-26GHz
_Peak_Ant B



5300MHz_Ch_60_20MHz BW_a-mode_26-
40GHz Avg_Ant A



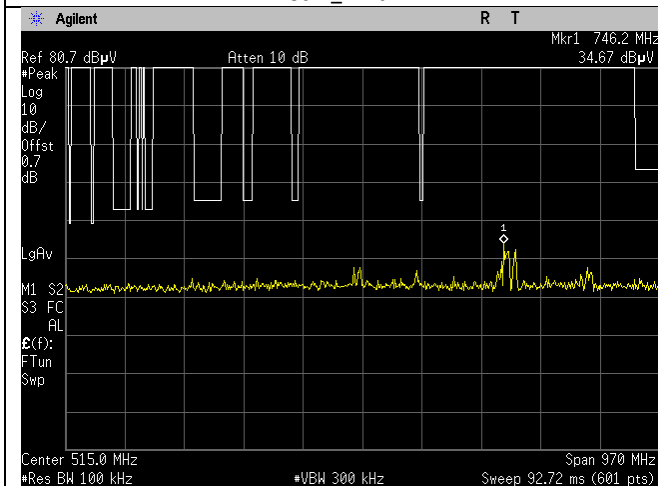
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40GHz Avg_Ant B



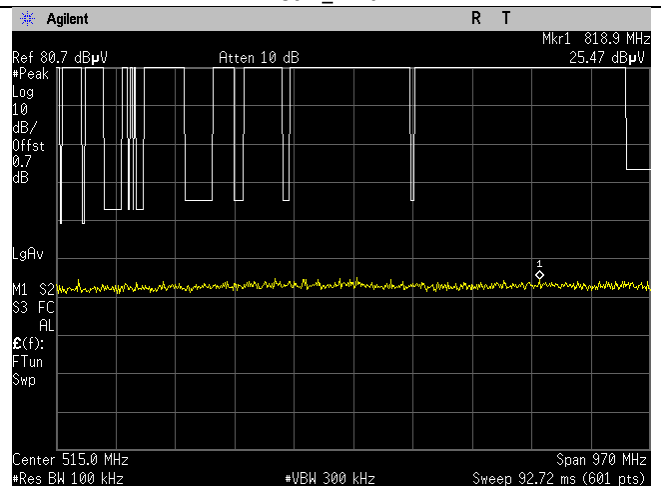
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Peak_Ant A



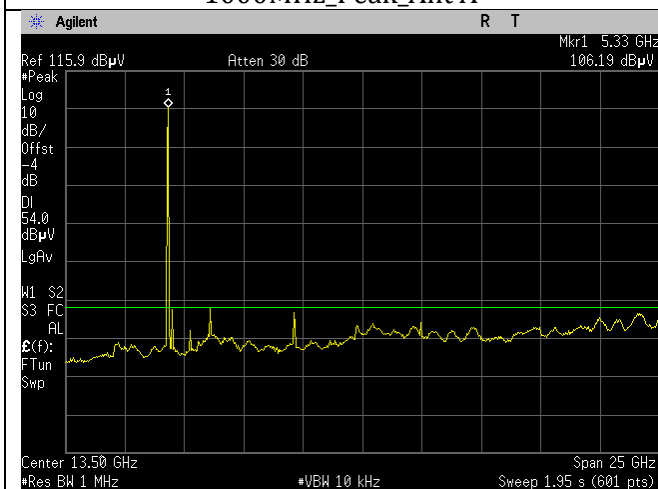
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Peak_Ant B



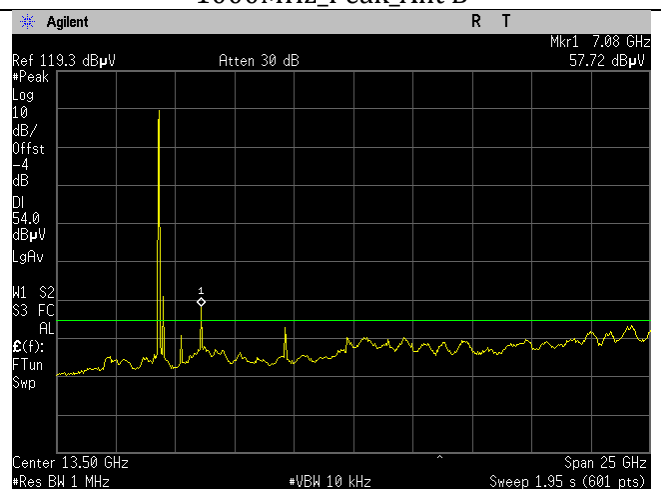
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1000MHz_Peak_Ant A



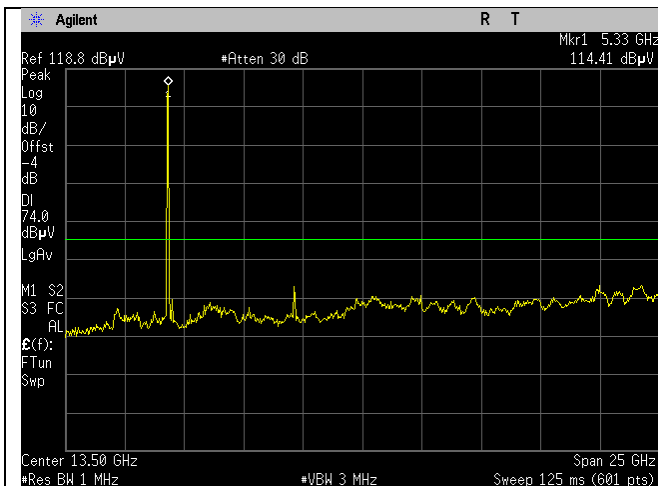
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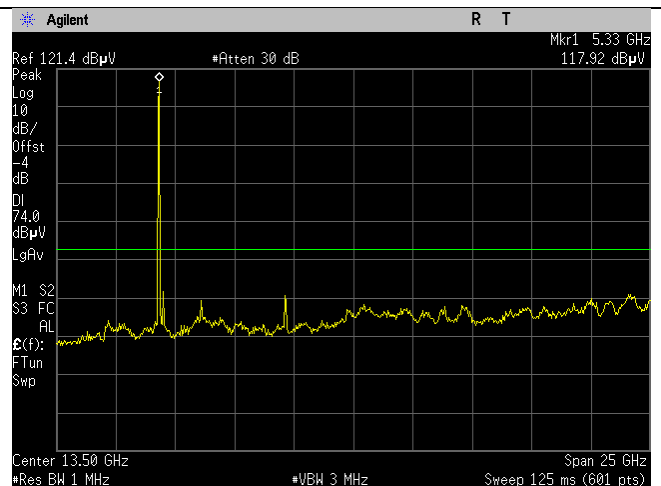
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Avg_Ant A



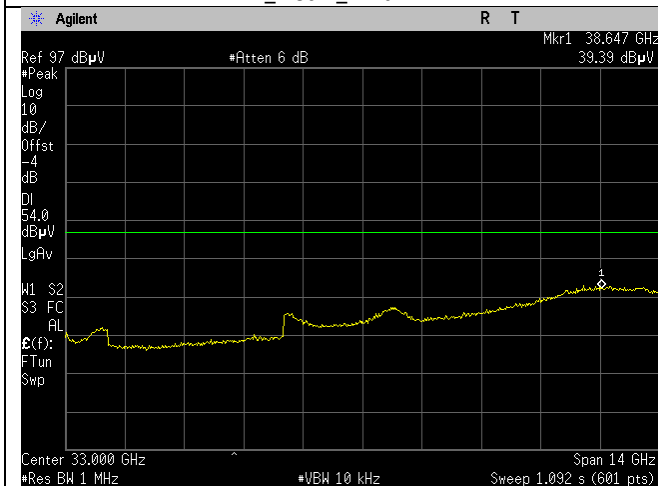
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Avg_Ant B



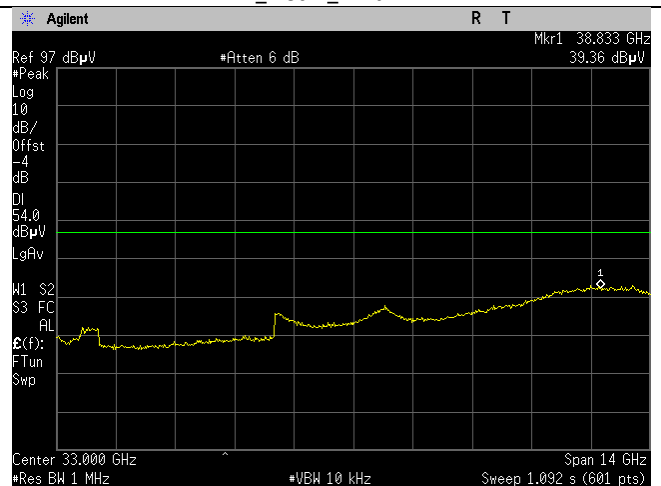
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_Peak_Ant A



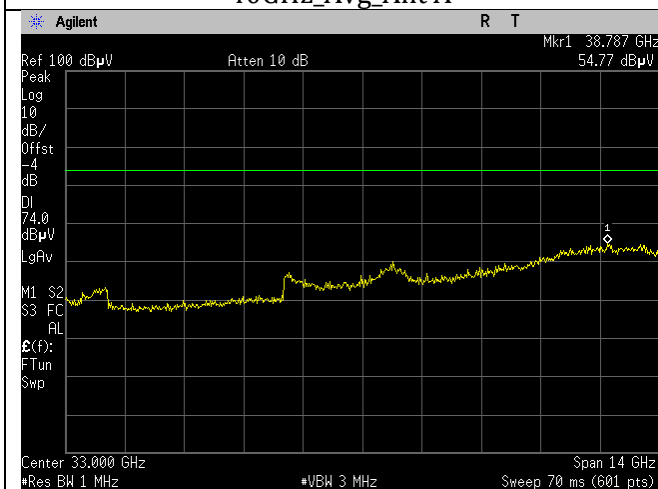
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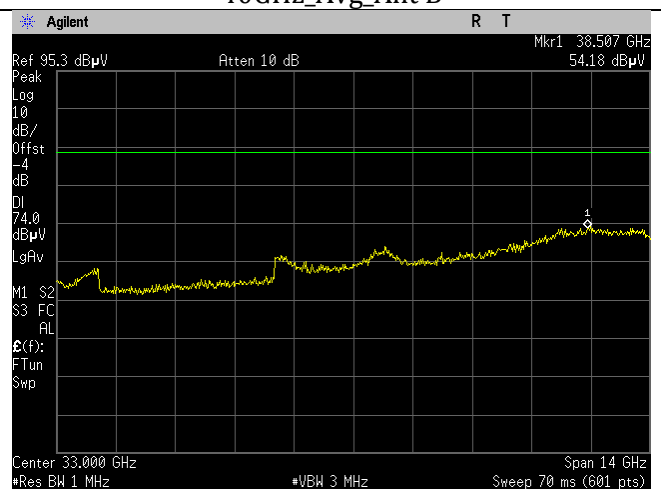
5320MHz_Ch_64_20MHz BW_a-mode_26-
40GHz_Avg_Ant A



5320MHz_Ch_64_20MHz BW_a-mode_26-
40GHz_Avg_Ant B



5320MHz_Ch_64_20MHz BW_a-mode_26-49GHz
Peak_Ant A

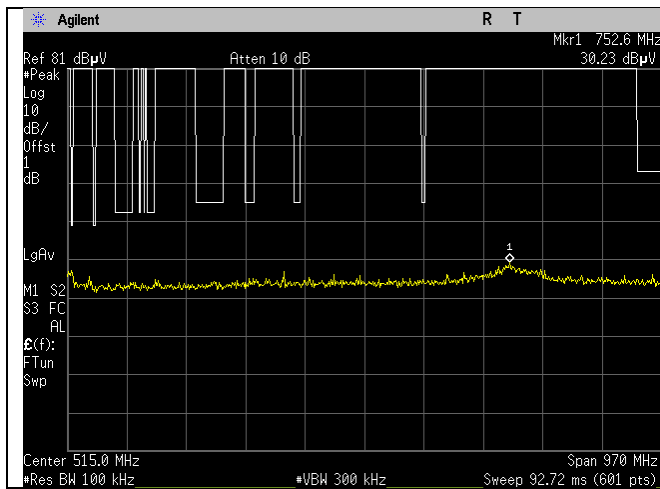


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Peak_Ant B

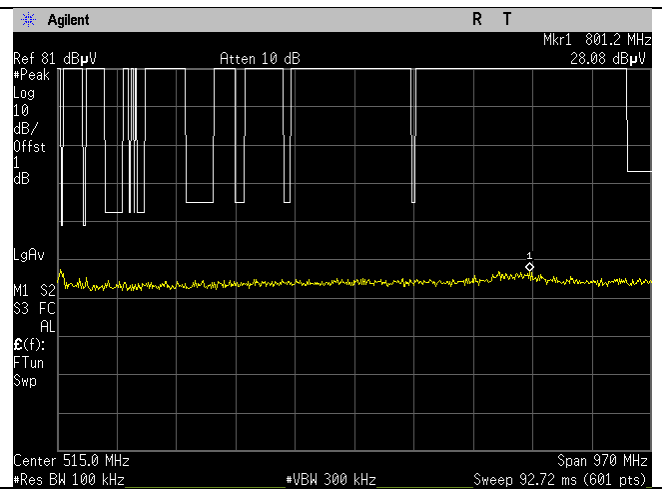
5470-5725 MHz

Naming Convention:

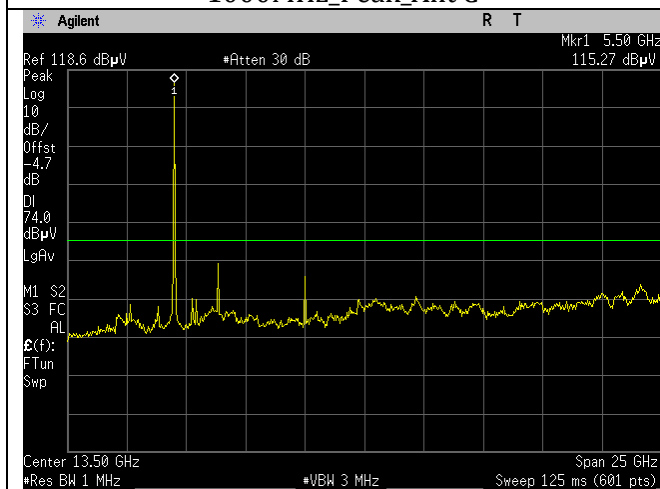
Frequency (MHz)_Channel Number_Bandwidth (MHz)_Modulation_Frequency Range (MHz)_Peak/Average Measurements_Antenna Number

WLAN1

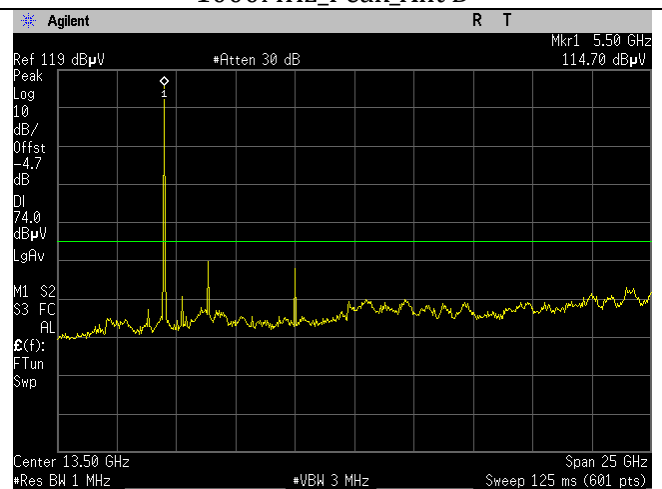
5500MHz_Ch_100_20MHz BWa-mode_30-
1000MHz_Peak_Ant C



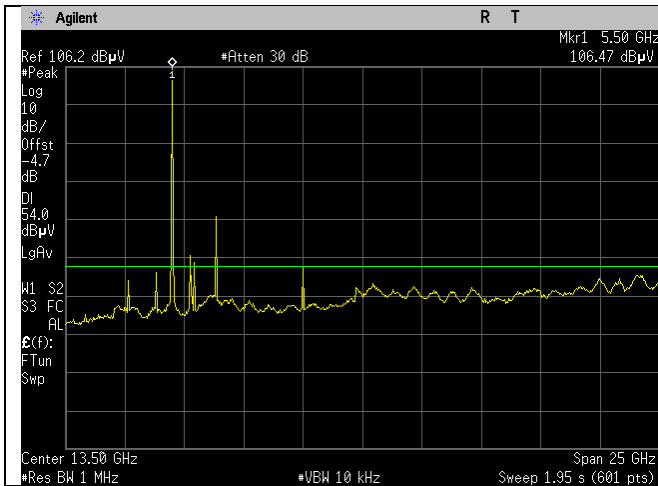
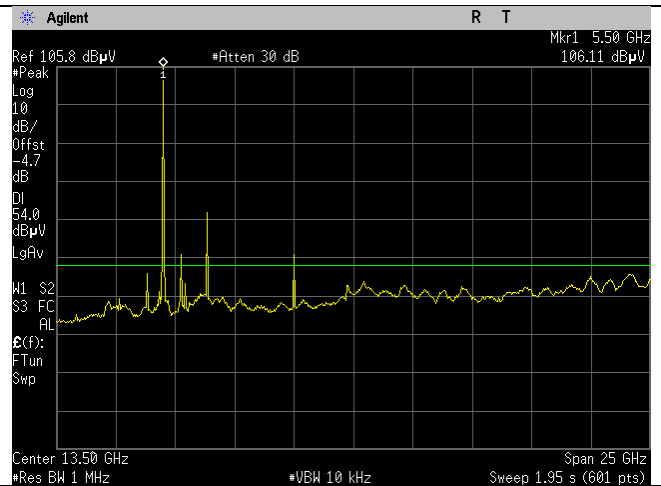
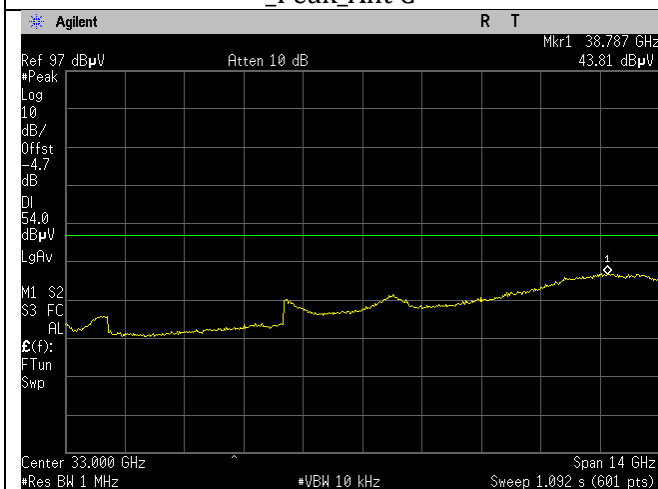
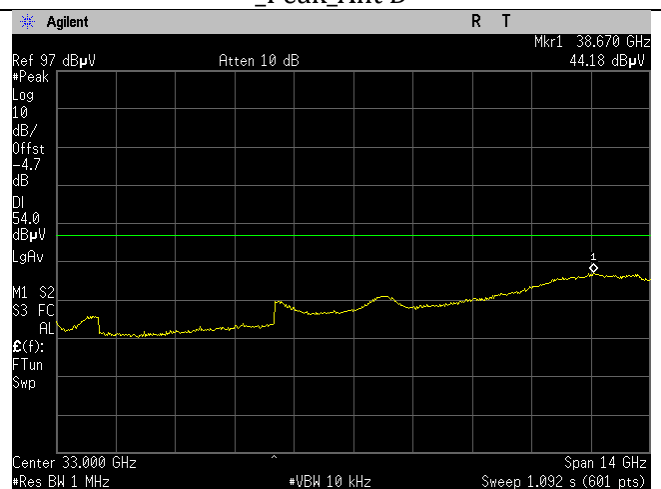
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1000MHz_Peak_Ant D

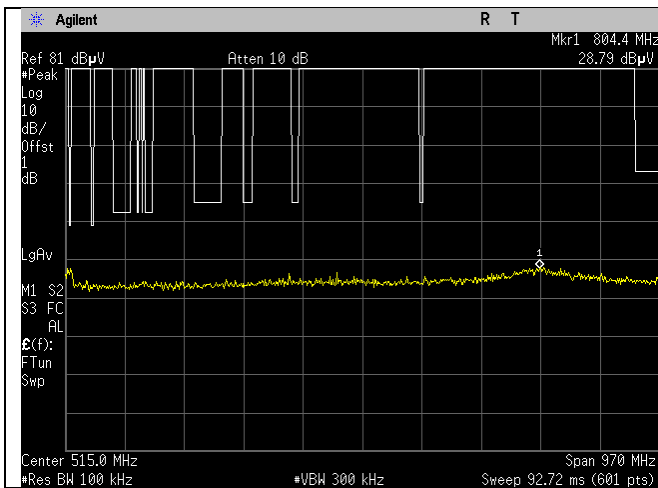


5500MHz_Ch_100_20MHz BW_a-mode_1-26GHz
_Peak_Ant C

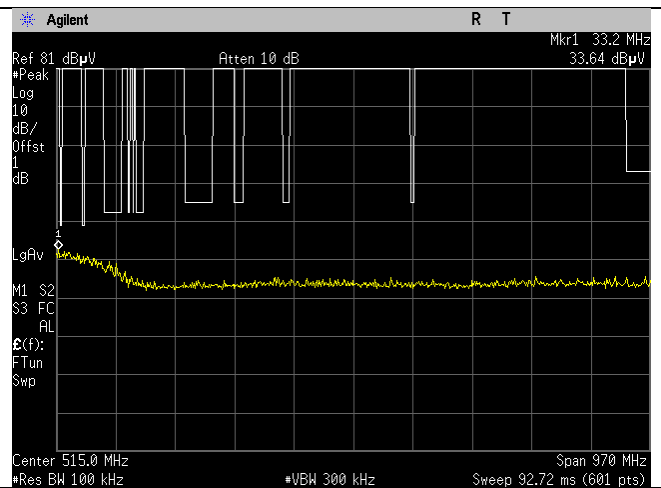


5500MHz_Ch_100_20MHz BW_a-mode_1-26GHz
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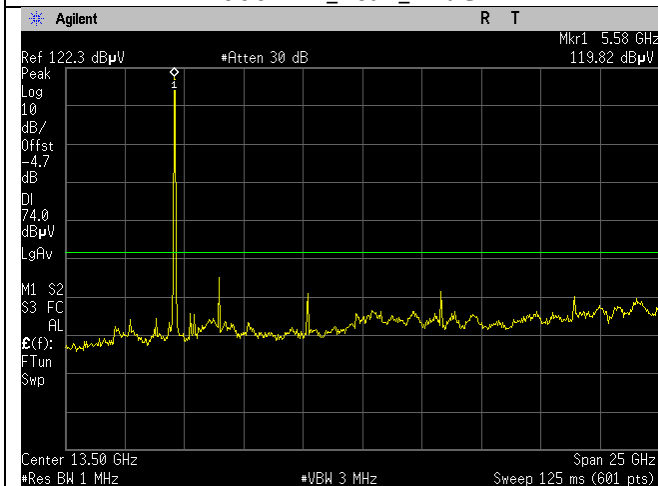
5500MHz_Ch_100_20MHz BW_a-mode_1-26GHz
Avg_Ant C5500MHz_Ch_100_20MHz BW_a-mode_1-26GHz
Avg_Ant D5500MHz_Ch_100_20MHz BW_a-mode_26-40GHz
_Peak_Ant C5500MHz_Ch_100_20MHz BW_a-mode_26-40GHz
_Peak_Ant D5500MHz_Ch_100_20MHz BW_a-mode_26-
40GHz_Avg_Ant C5500MHz_Ch_100_20MHz BW_a-mode_26-
40GHz_Avg_Ant D



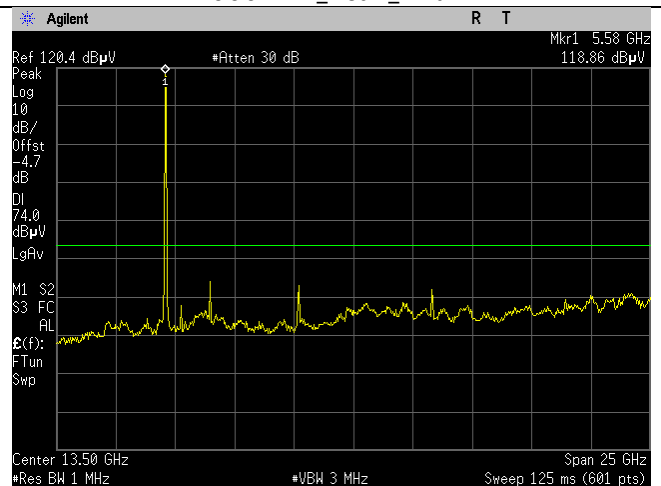
5600MHz_Ch_120_20MHz BWa-mode_30-
1000MHz_Peak_Ant C



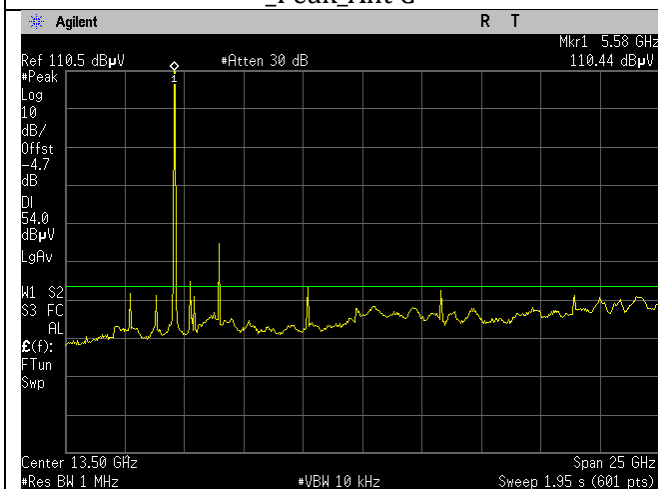
5600MHz_Ch_120_20MHz BWa-mode_30-
1000MHz_Peak_Ant D



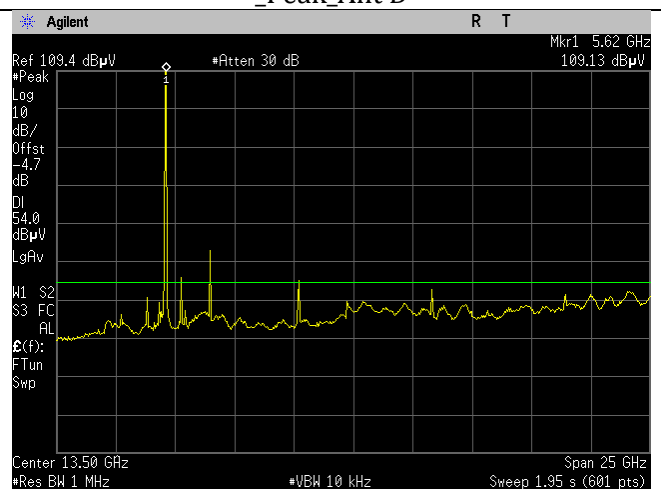
5600MHz_Ch_120_20MHz BW_a-mode_1-26GHz
_Peak_Ant C



5600MHz_Ch_120_20MHz BW_a-mode_1-26GHz
_Peak_Ant D



5600MHz_Ch_120_20MHz BW_a-mode_1-26GHz
Avg_Ant C



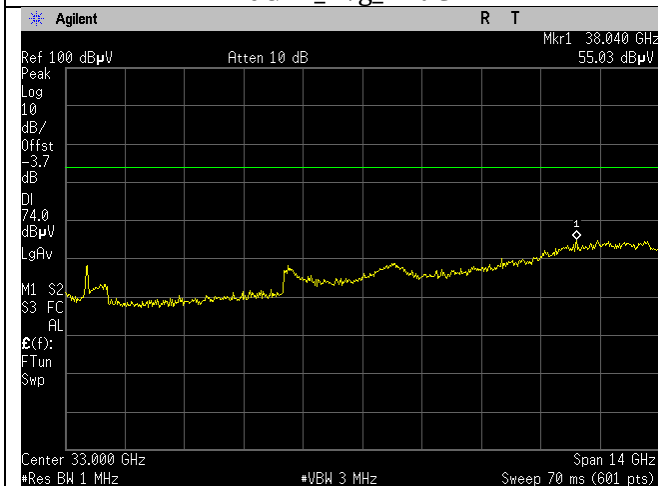
5600MHz_Ch_120_20MHz BW_a-mode_1-26GHz
Avg_Ant D



5600MHz_Ch_120_20MHz BW_a-mode_26-40GHz_Avg_Ant C



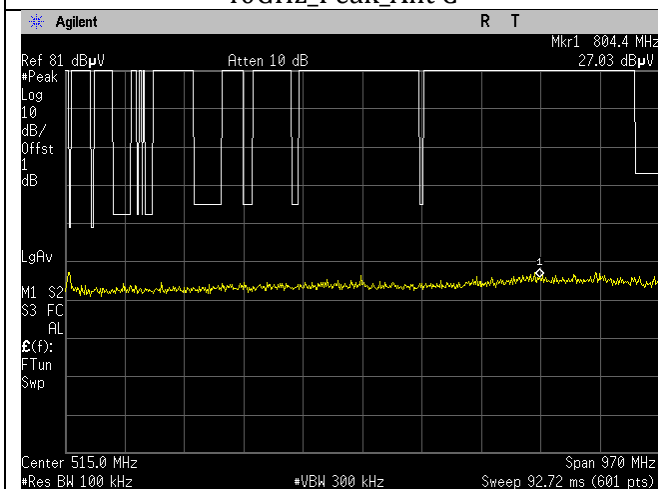
5600MHz_Ch_120_20MHz BW_a-mode_26-40GHz_Avg_Ant D



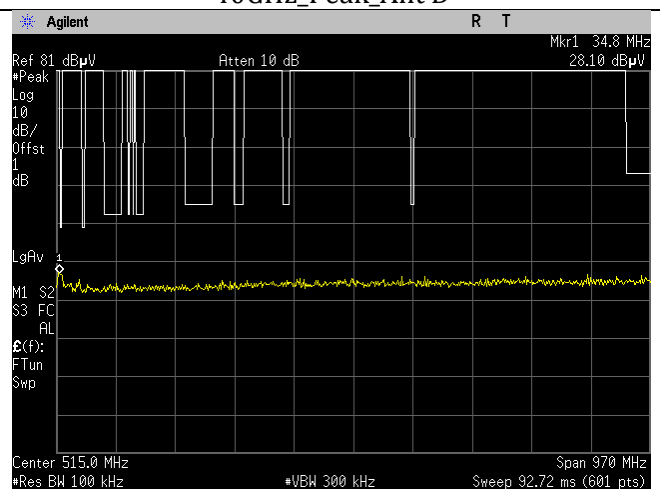
5600MHz_Ch_120_20MHz BW_a-mode_26-40GHz_Peak_Ant C



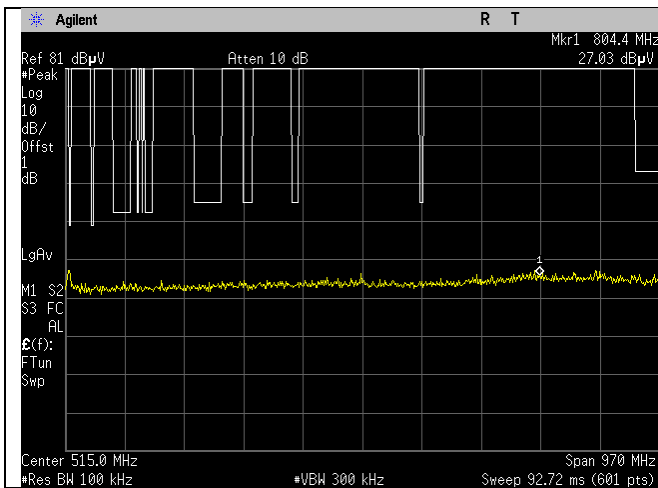
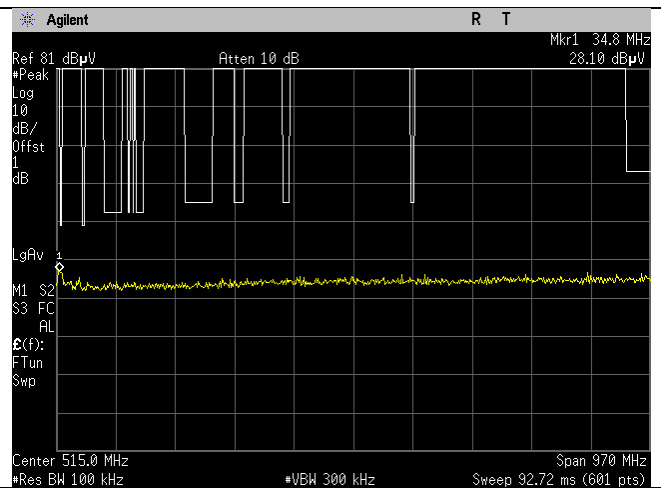
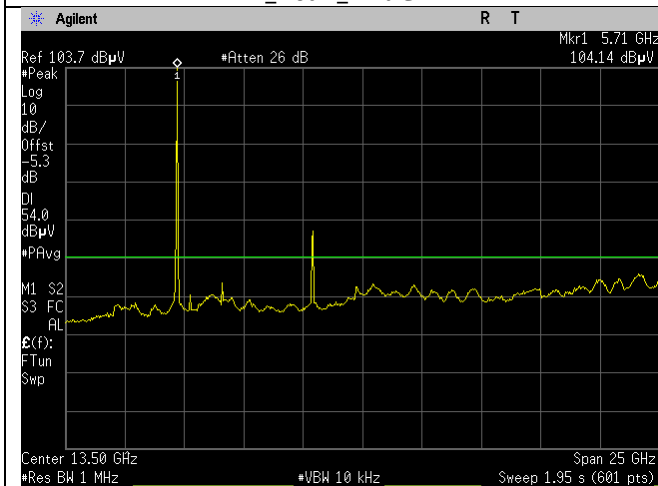
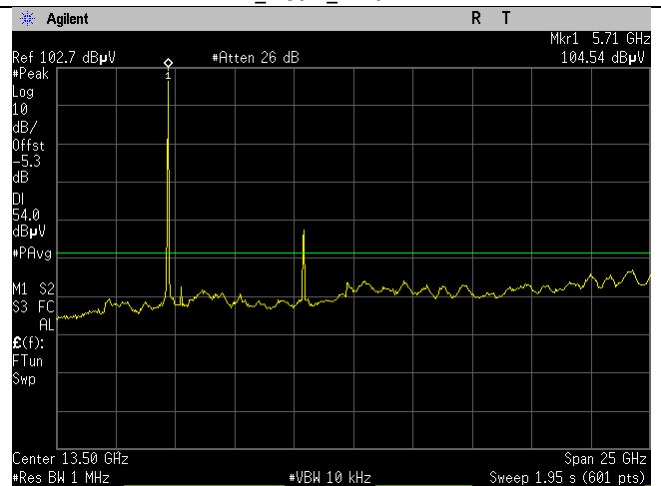
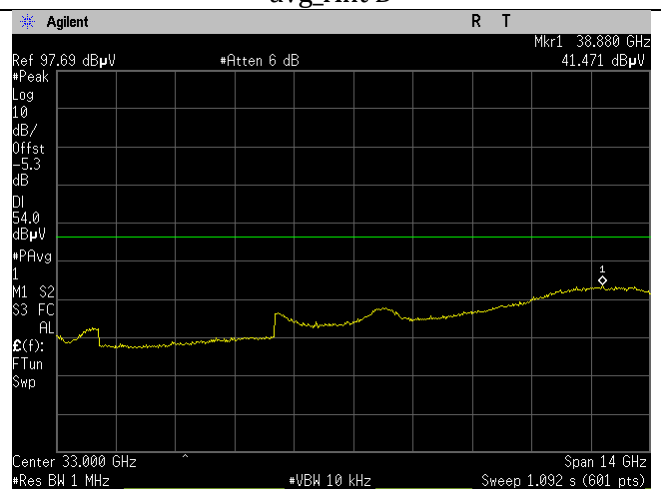
5600MHz_Ch_120_20MHz BW_a-mode_26-40GHz_Peak_Ant D

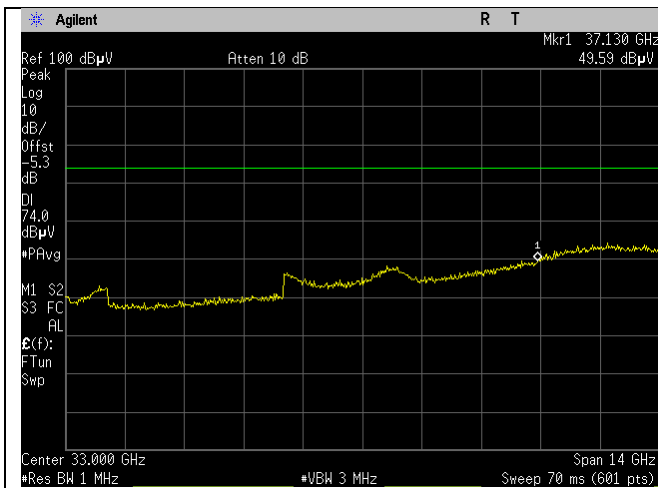


5700MHz_Ch_140_20MHz BWA-mode_30-1000MHz_Peak_Ant C

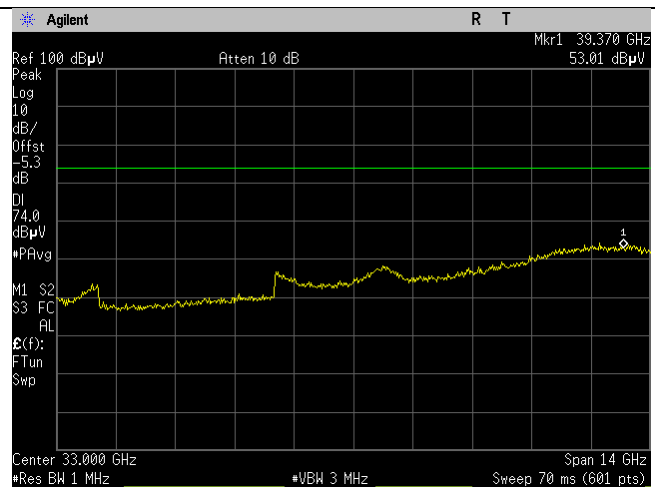


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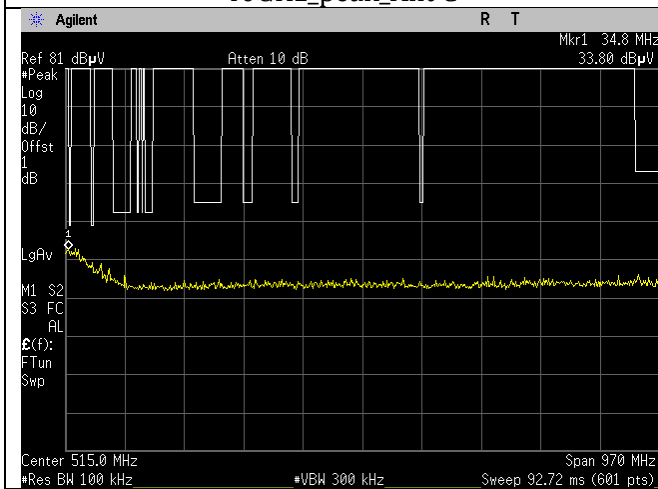
5700MHz_Ch_140_20MHz BW_a-mode_1-26GHz
_Peak_Ant C5700MHz_Ch_140_20MHz BW_a-mode_1-26GHz
_Peak_Ant D5700MHz_Ch_140_20MHz BW_a-mode_1-26GHz
avg_Ant C5700MHz_Ch_140_20MHz BW_a-mode_1-26GHz
avg_Ant D5700MHz_Ch_140_20MHz BW_a-mode_26-
40GHz_Avg_Ant C5700MHz_Ch_140_20MHz BW_a-mode_26-
40GHz_Avg_Ant D



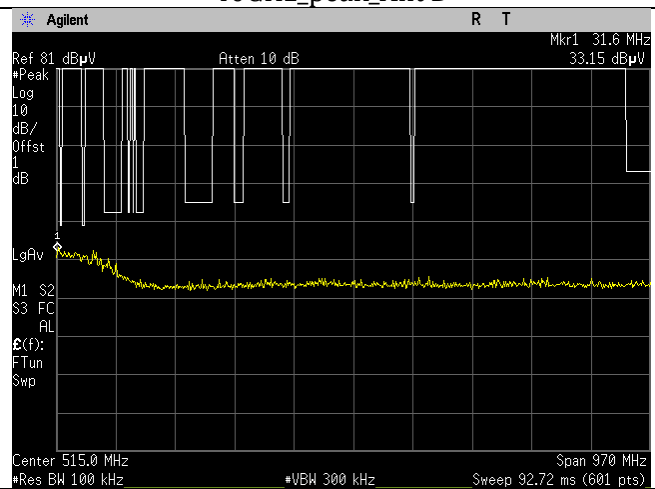
5700MHz_Ch_144_20MHz BW_a-mode_26-40GHz_peak_Ant C



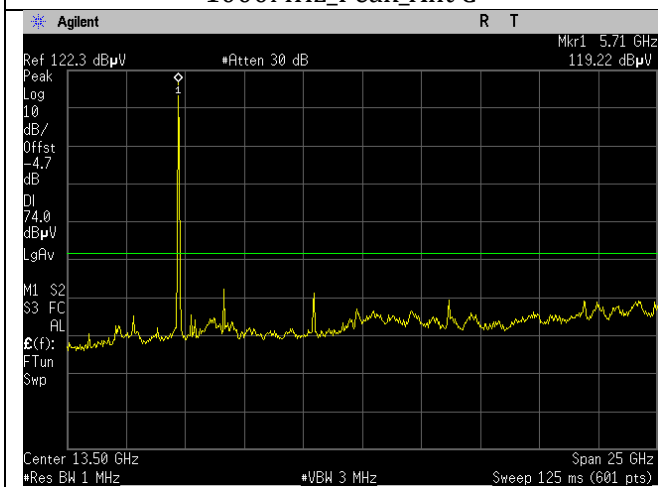
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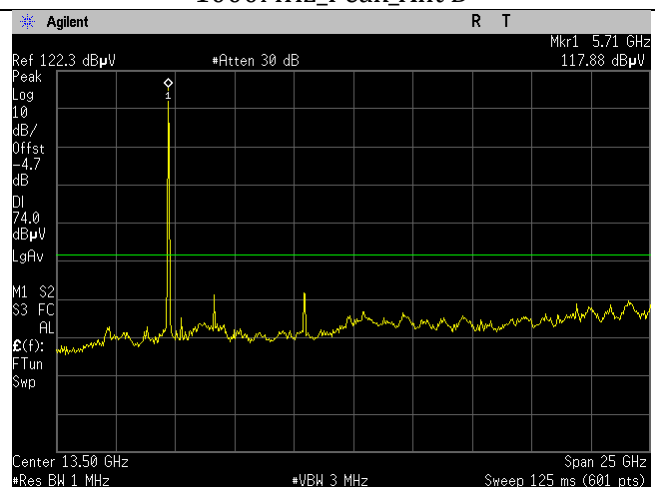
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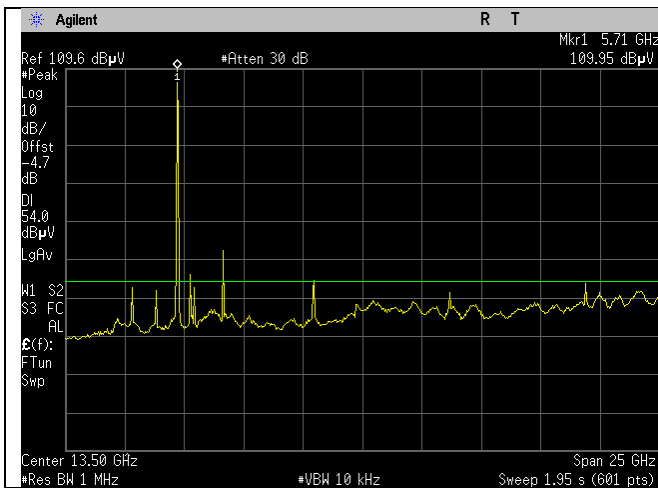
5720MHz_Ch_144_20MHz BWa-mode_30-1000MHz_Peak_Ant D



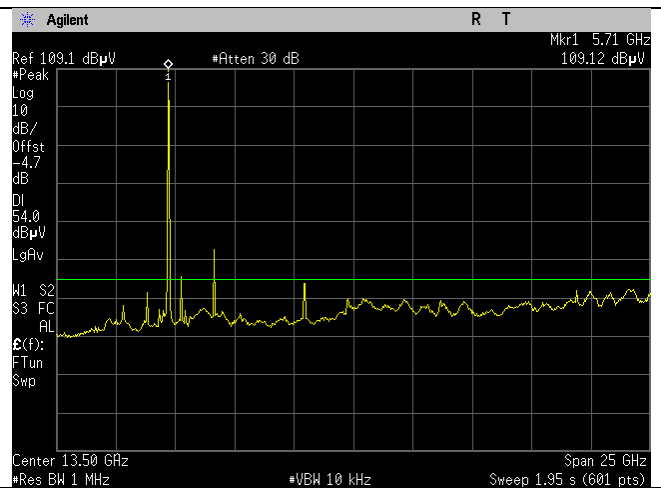
5720MHz_Ch_144_20MHz BW_a-mode_1-26GHz_Peak_Ant C



5720MHz_Ch_144_20MHz BW_a-mode_1-26GHz_Peak_Ant D



5720MHz_Ch_144_20MHz BW_a-mode_1-26GHz
avg_Ant C



5720MHz_Ch_144_20MHz BW_a-mode_1-26GHz
avg_Ant D



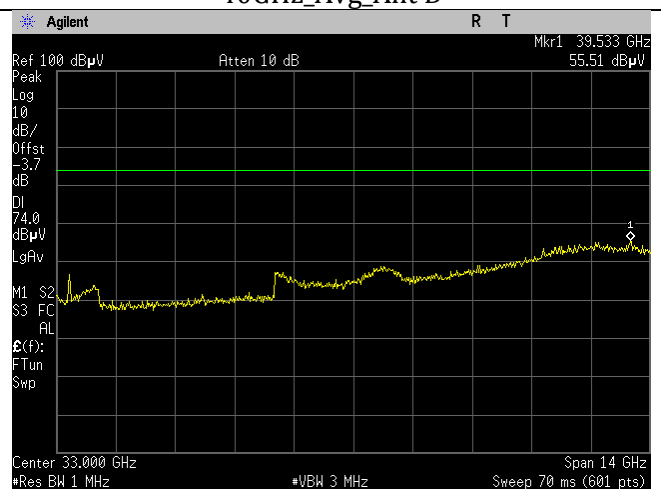
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40GHz_Avg_Ant C



5720MHz_Ch_144_20MHz BW_a-mode_26-
40GHz_Avg_Ant D

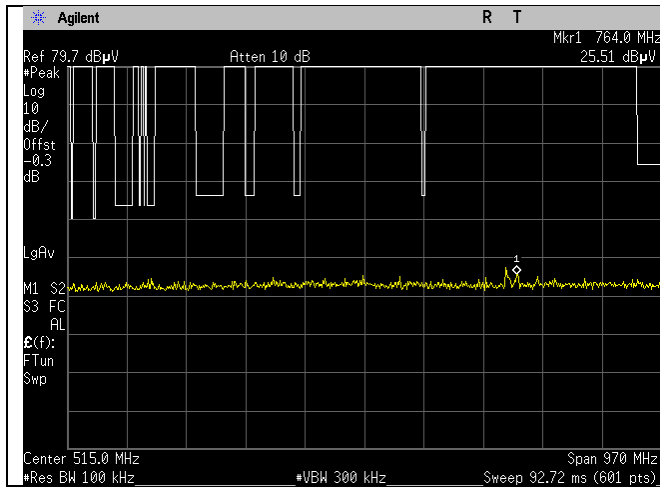
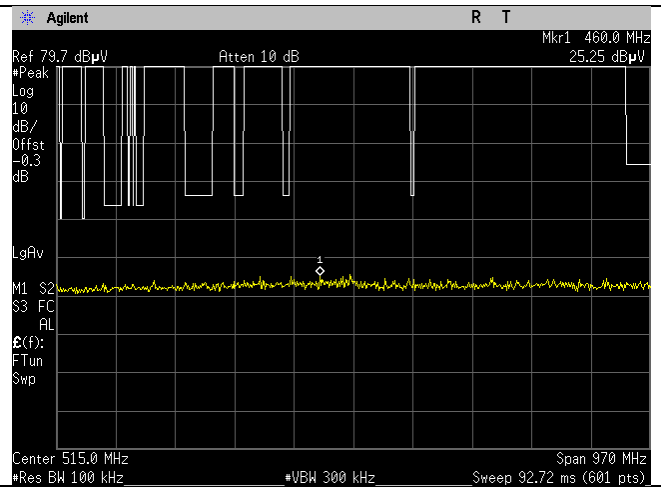
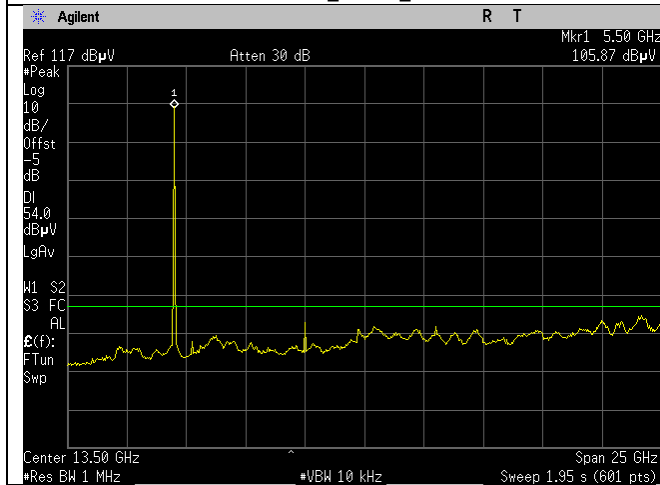
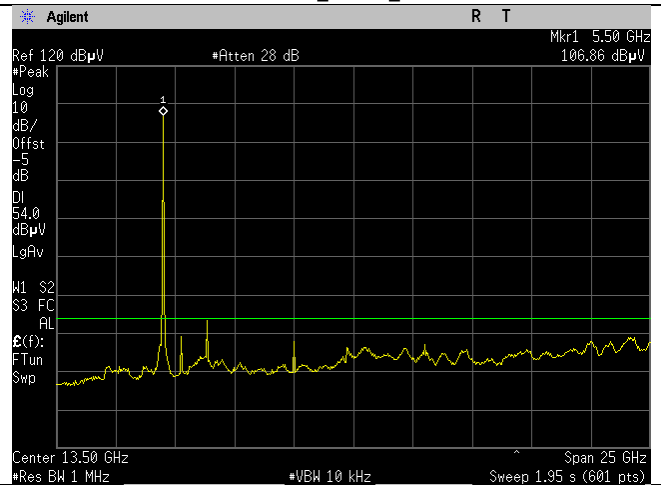
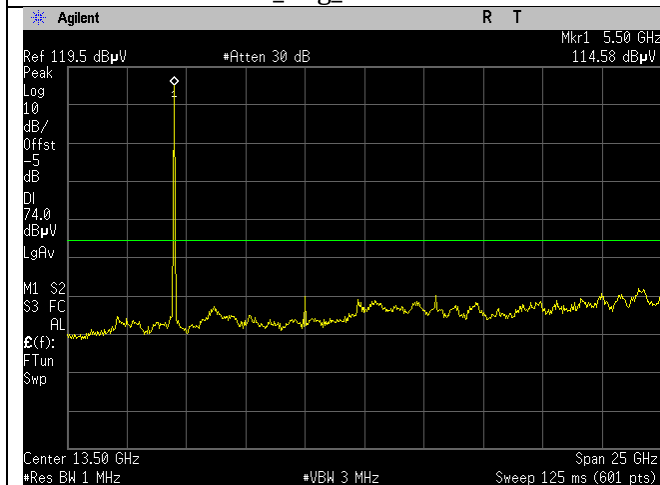
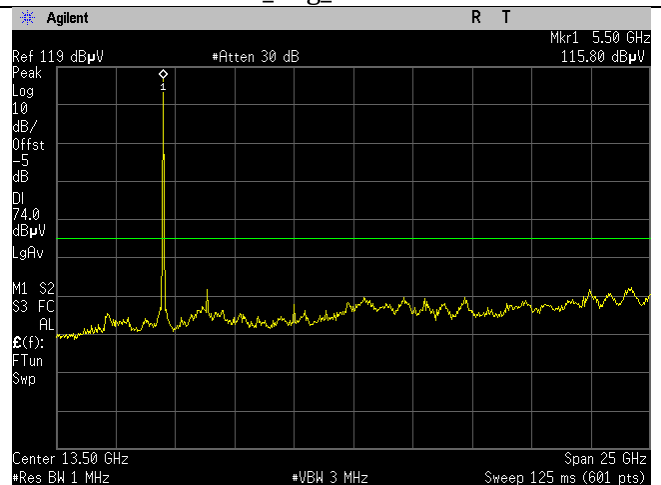


5720MHz_Ch_144_20MHz BW_a-mode_26-
40GHz_peak_Ant C



5720MHz_Ch_144_20MHz BW_a-mode_26-
40GHz_peak_Ant D

WLAN0

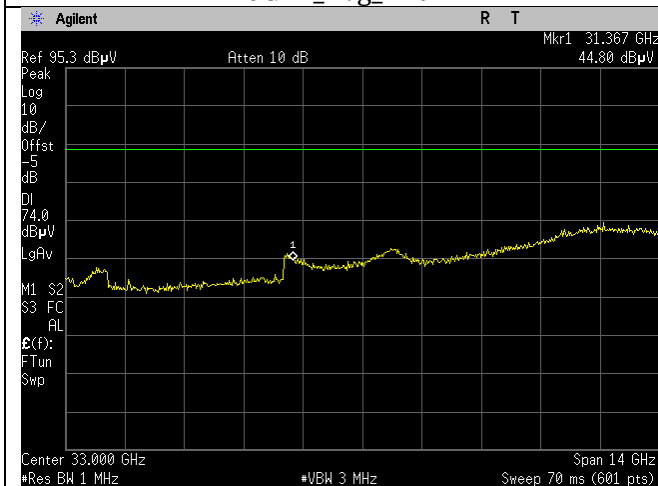
5500MHz_Ch_100_20MHz BW_a-mode_30-
1000MHz_Peak_Ant A5500MHz_Ch_100_20MHz BW_a-mode_30-
1000MHz_Peak_Ant B5500MHz_Ch_100_20MHz BW_a-mode_1-26GHz
_Avg_Ant A5500MHz_Ch_100_20MHz BW_a-mode_1-26GHz
_Avg_Ant B5500MHz_Ch_100_20MHz BW_a-mode_1-26GHz
_Peak_Ant A5500MHz_Ch_100_20MHz BW_a-mode_1-26GHz
_Peak_Ant B



5500MHz_Ch_100_20MHz BW_a-mode_26-40GHz_Avg_Ant A



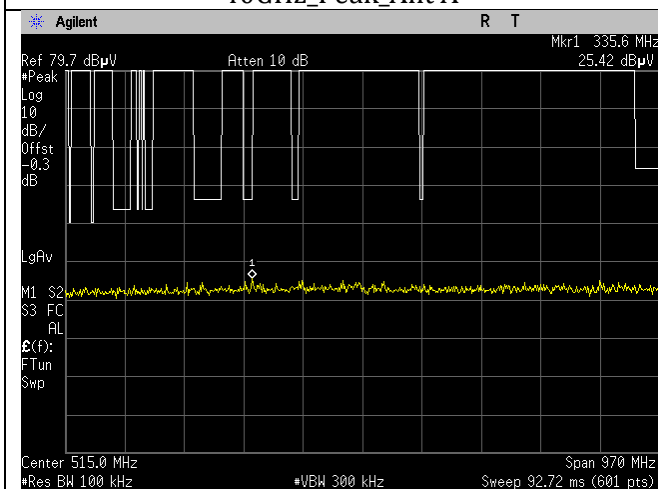
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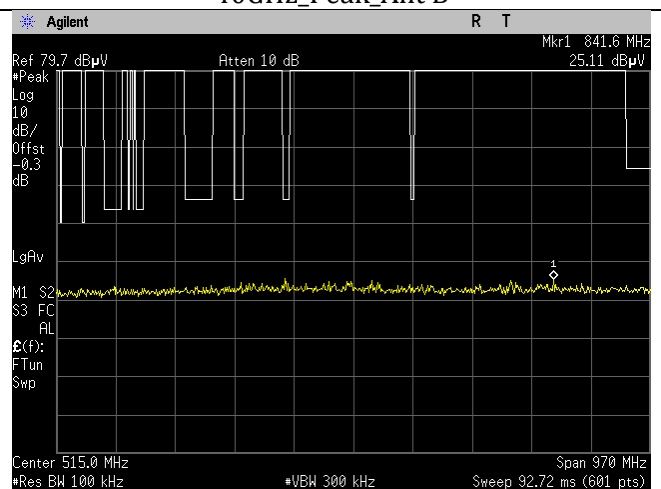
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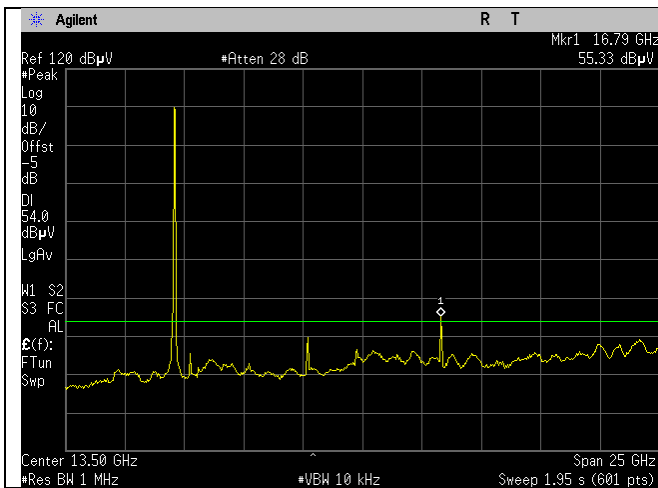
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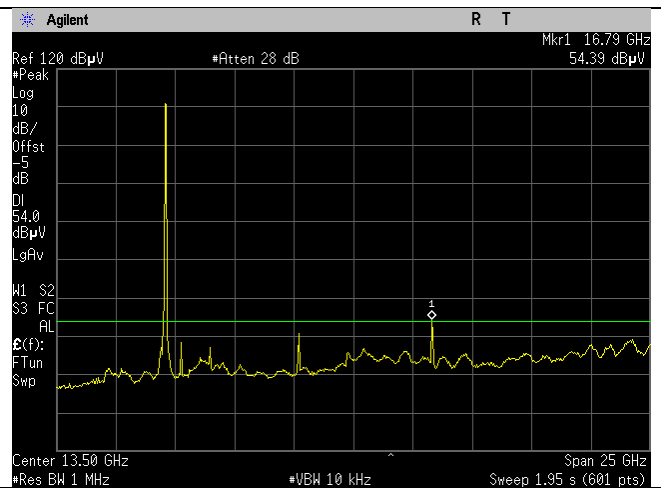
5600MHz_Mid Ch_120_20MHz BW_a-mode_30-1000MHz_Peak_Ant A



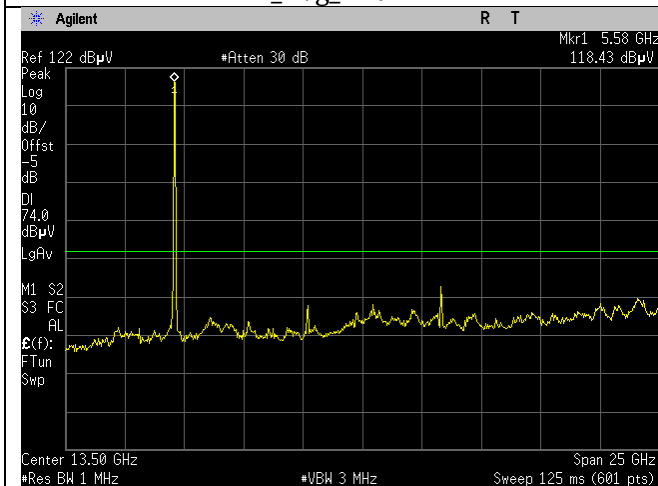
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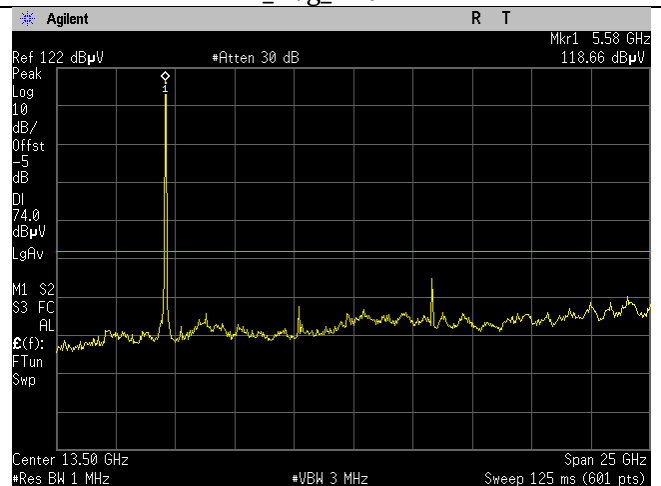
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_Avg_Ant A



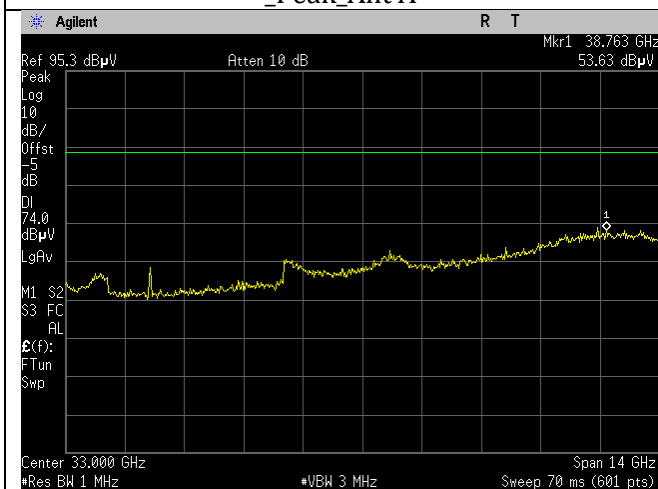
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_Avg_Ant B



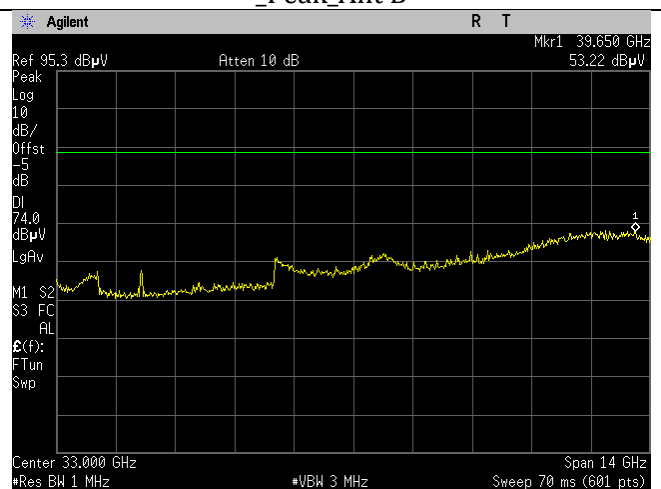
5600MHz_Ch_120_20MHz BW_a-mode_1-26GHz
_Peak_Ant A



5600MHz_Ch_120_20MHz BW_a-mode_1-26GHz
_Peak_Ant B



5600MHz_Ch_120_20MHz BW_a-mode_26-
40GHz_Avg_Ant A



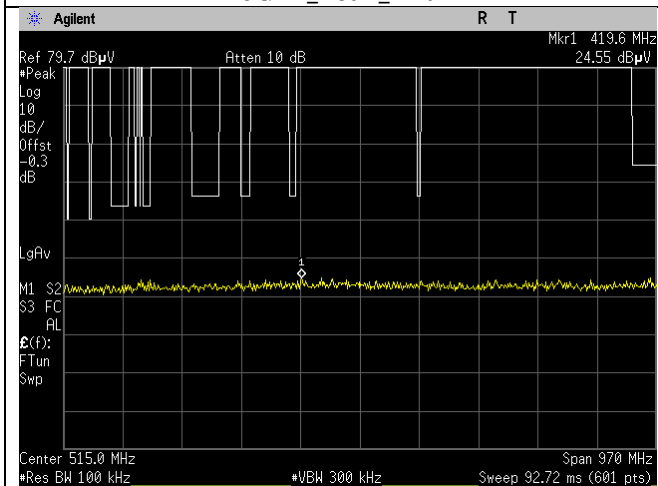
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40GHz_Avg_Ant B



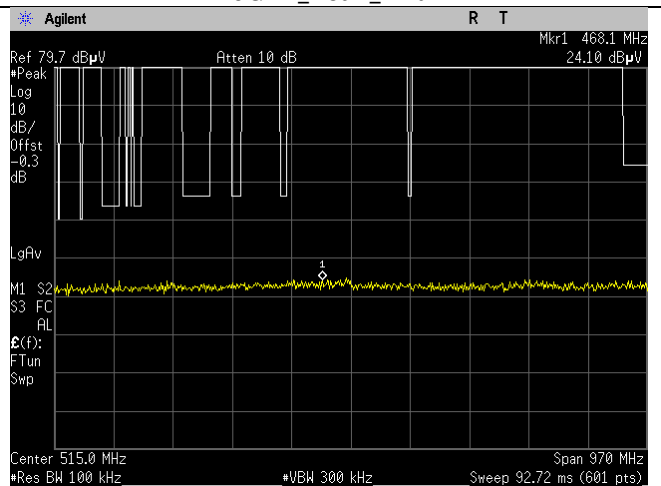
5600MHz_Ch_120_20MHz BW_a-mode_26-40GHz_Peak_Ant A



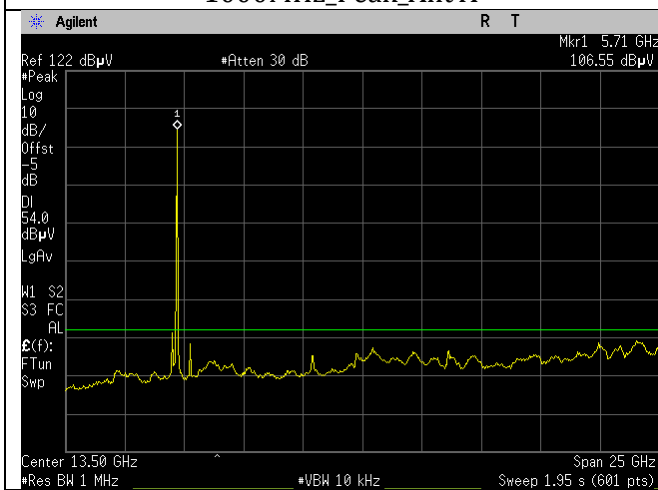
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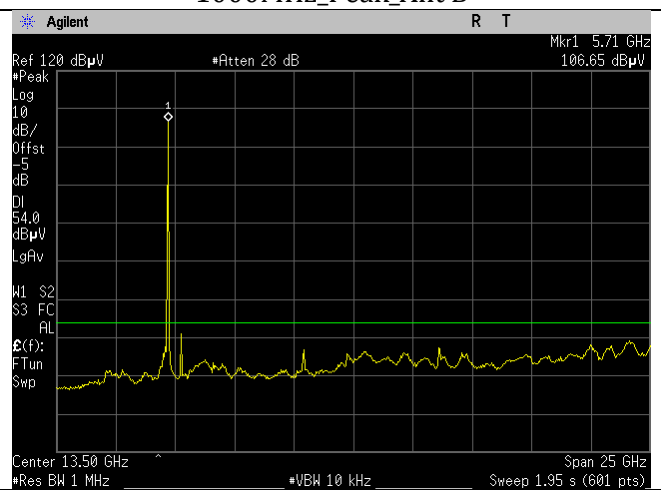
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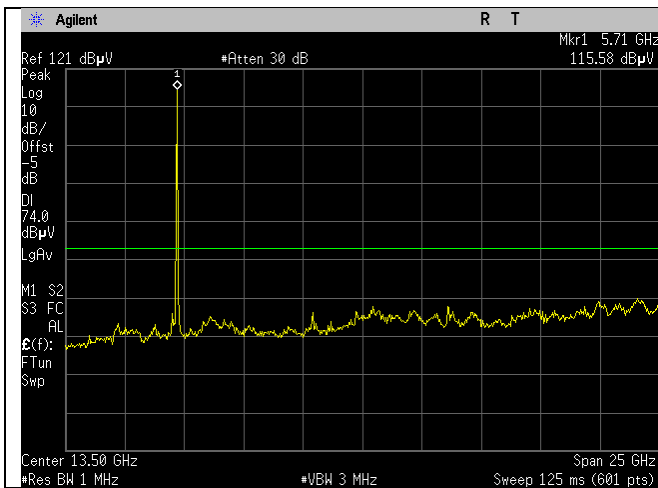
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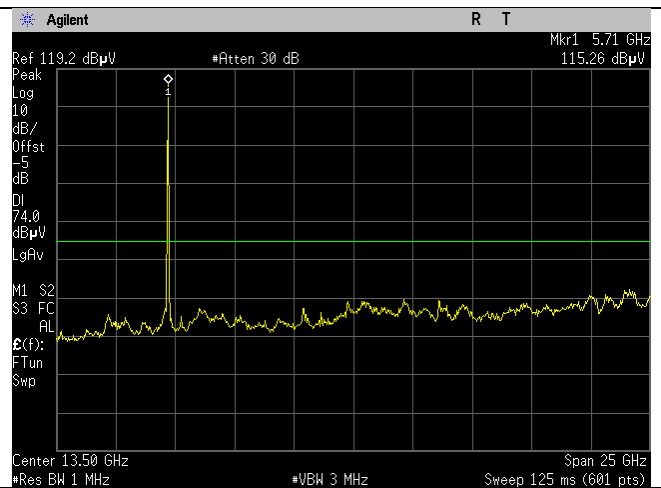
5700MHz_Ch_140_20MHz BW_a-mode_1-26GHz_Avg_Ant A



5700MHz_Ch_140_20MHz BW_a-mode_1-26GHz_Avg_Ant B



5700MHz_Ch_140_20MHz BW_a-mode_1-26GHz
_Peak_Ant A



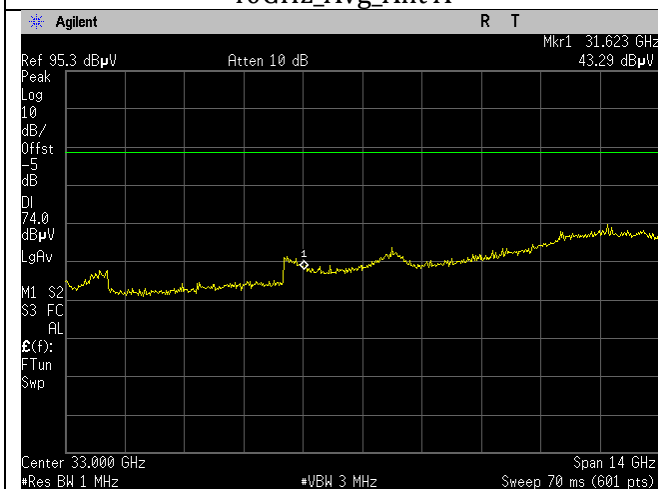
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_Peak_Ant B



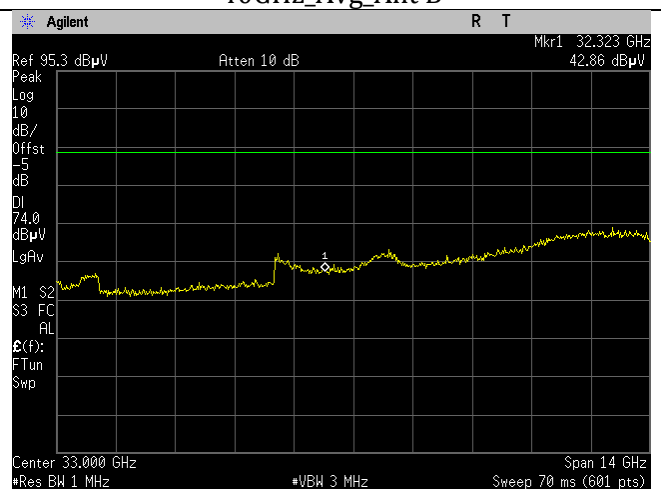
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40GHz_Avg_Ant A



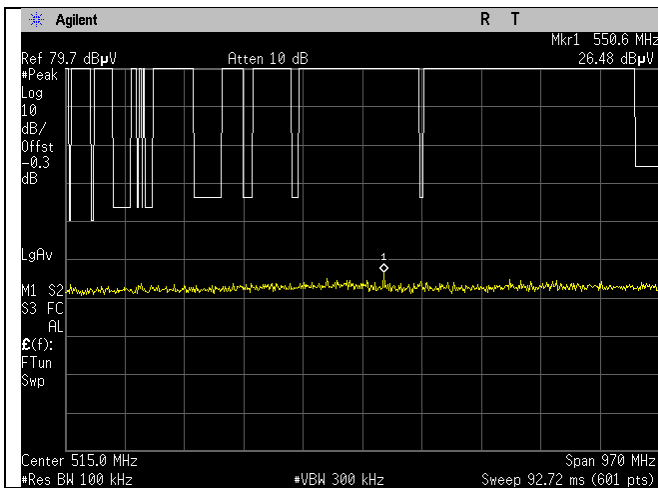
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40GHz_Avg_Ant B



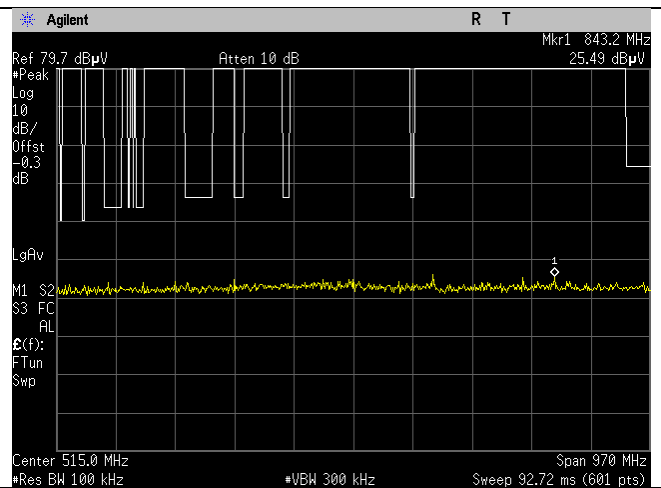
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40GHz_Peak_Ant A



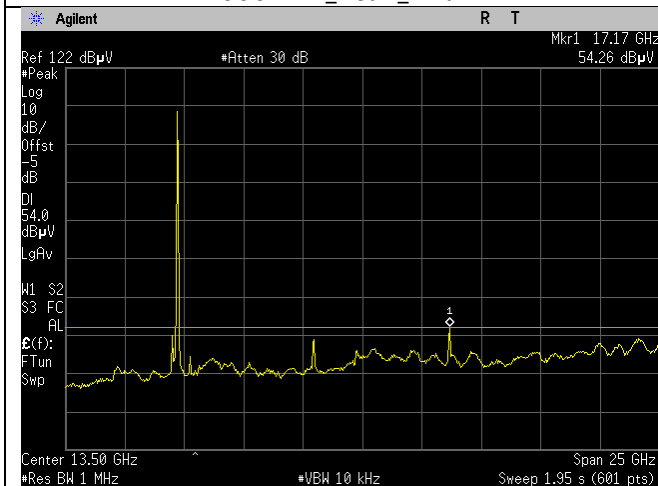
5700MHz_Ch_140_20MHz BW_a-mode_26-
40GHz_Peak_Ant B



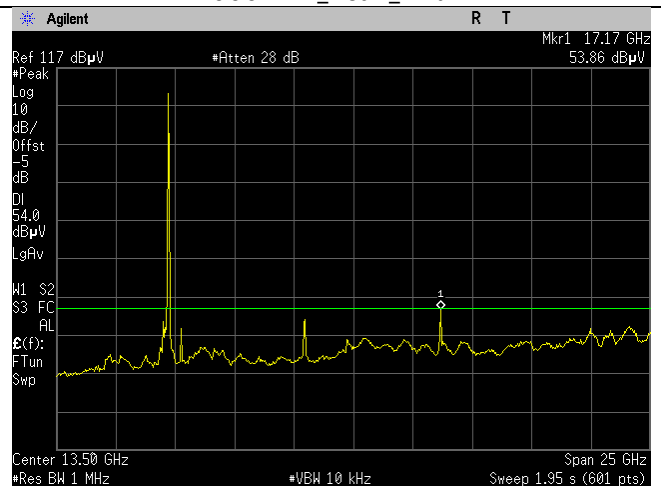
5720MHz_Ch_144_20MHz BW_a-mode_30-
1000MHz_Peak_Ant A



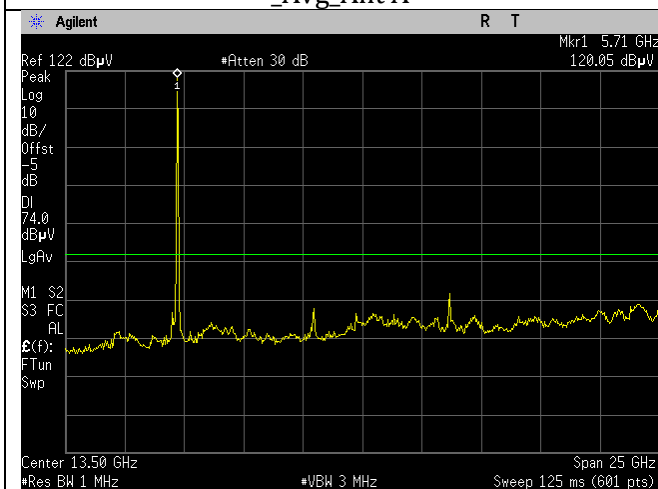
5720MHz_Ch_144_20MHz BW_a-mode_30-
1000MHz_Peak_Ant B



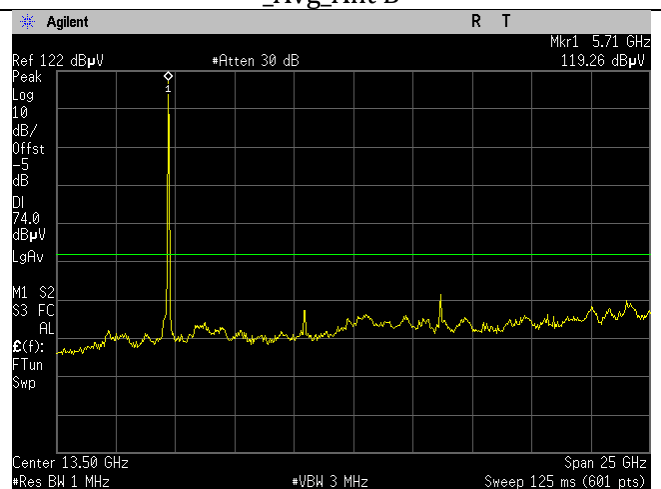
5720MHz_Ch_144_20MHz BW_a-mode_1-26GHz
_Avg_Ant A



5720MHz_Ch_144_20MHz BW_a-mode_1-26GHz
_Avg_Ant B



5720MHz_Ch_144_20MHz BW_a-mode_1-26GHz
_Peak_Ant A



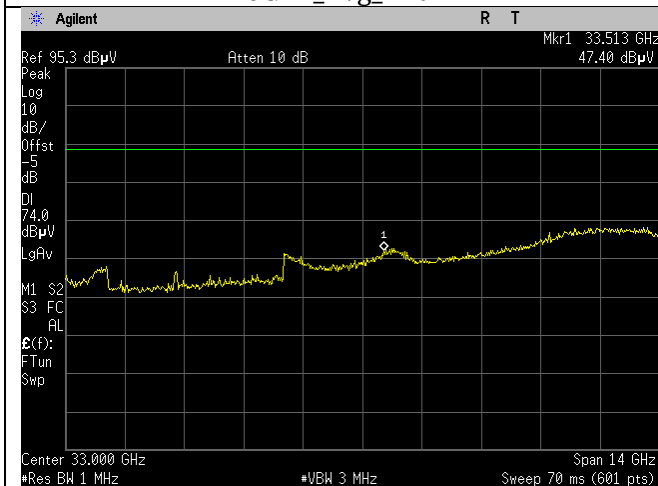
5720MHz_Ch_144_20MHz BW_a-mode_1-26GHz
_Peak_Ant B



5720MHz_Ch_144_20MHz BW_a-mode_26-
40GHz_Avg_Ant A



5720MHz_Ch_144_20MHz BW_a-mode_26-
40GHz_Avg_Ant B



5720MHz_Ch_144_20MHz BW_a-mode_26-
40GHz_Peak_Ant A



5720MHz_Ch_144_20MHz BW_a-mode_26-
40GHz_Peak_Ant B