

Band Edges

Naming Convention:

Frequency (MHz)_Modulation_Band Edge(High BE, Low BE)_Measurement (-27dBm, Peak, Avg)_Antenna number

Note:

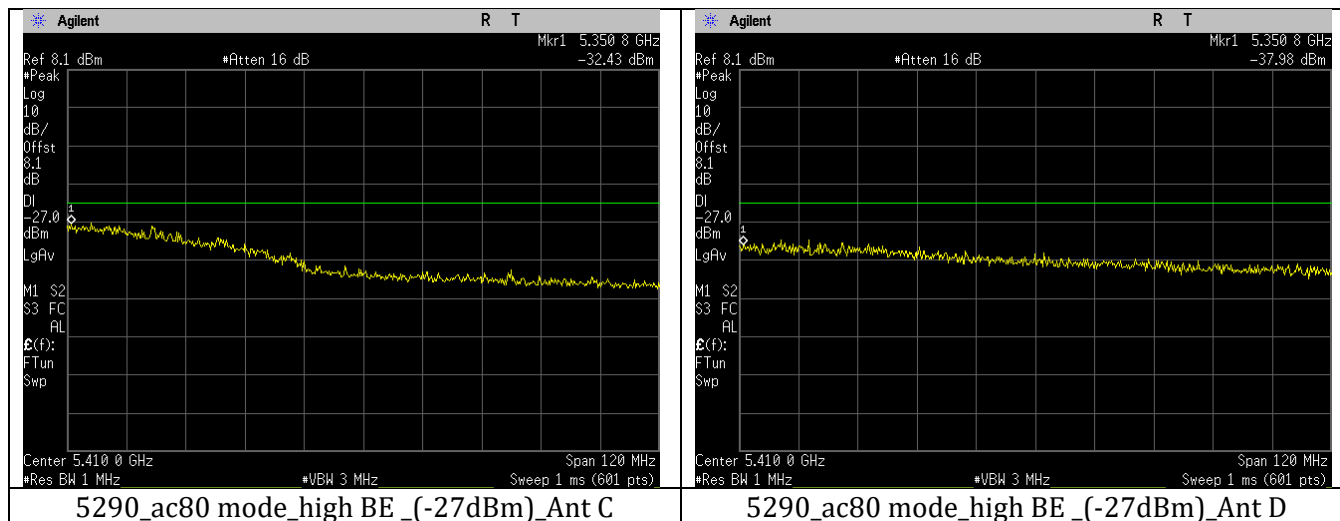
Note: the below spurious peak and average measurements are in units of dBuV/m at 3meters. These measurements are performed conducted in lieu of radiated as permitted by ANSI C63.10-2013. The following formula was used in making such conversions:

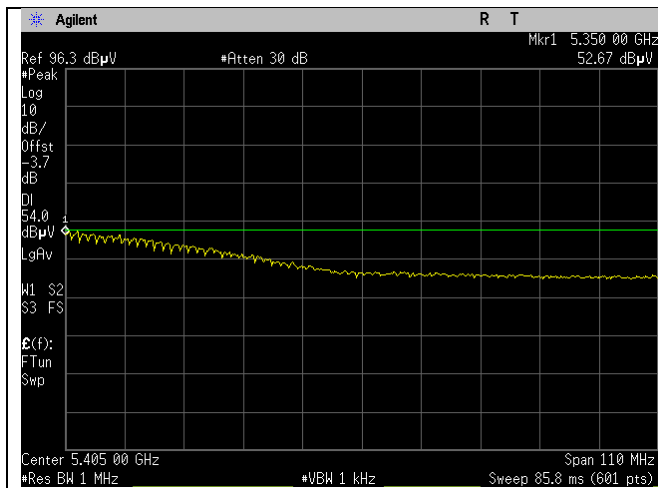
Above 1GHz: $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] - 20 \log(d[\text{m}]) + 104.77$, where E is field strength and d is distance at which the field strength limit is specified in the applicable requirements. $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$, for $d = 3 \text{ m}$. 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 $95.2 - 107 + 4.7 + \text{antenna gain}$.

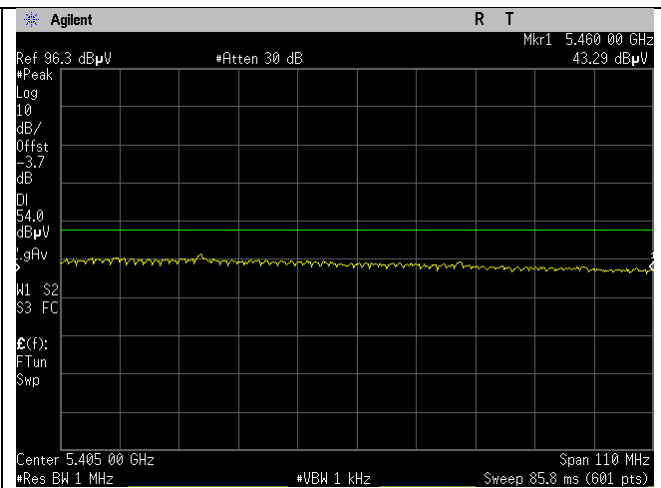
BE: Band edge

WLAN1

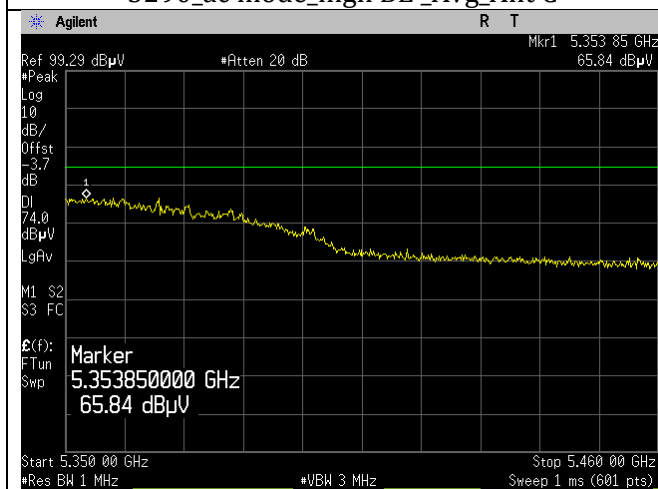




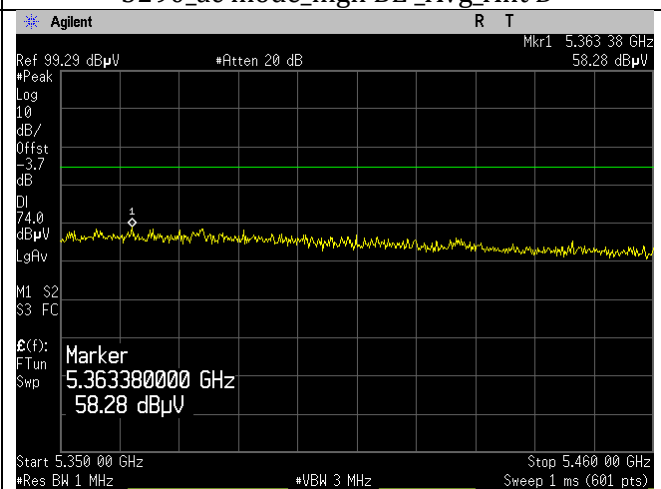
5290_ac mode_high BE_Avg_Ant C



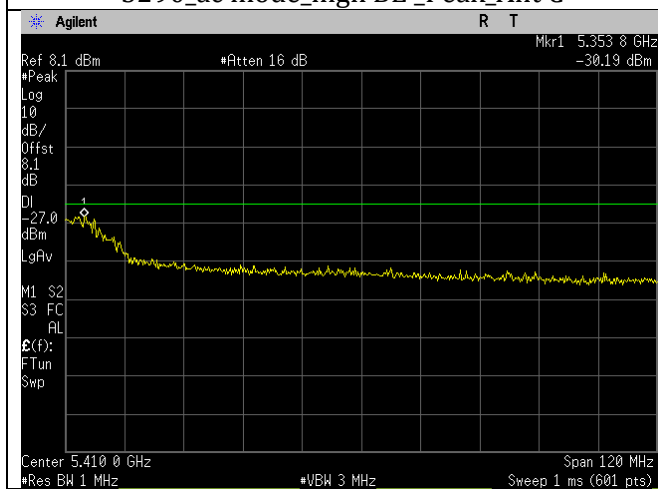
5290_ac mode_high BE_Avg_Ant D



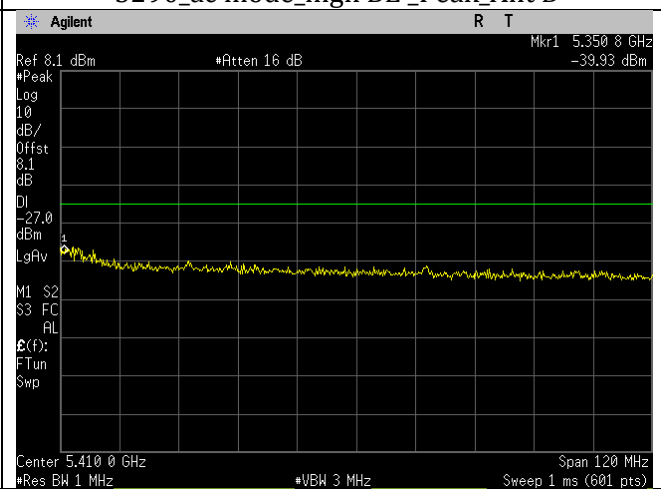
5290_ac mode_high BE_Peak_Ant C



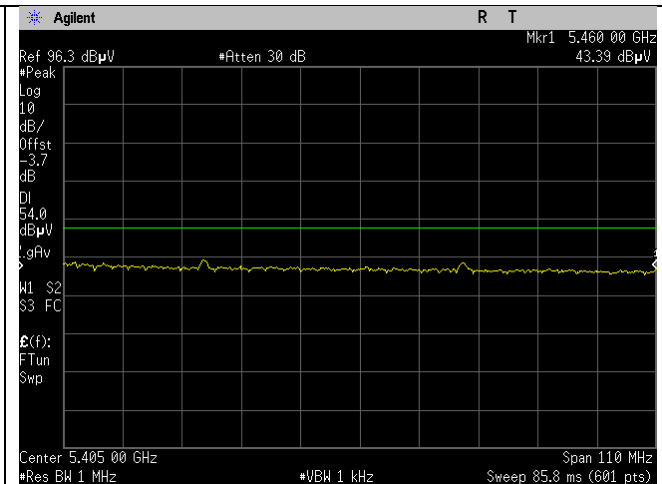
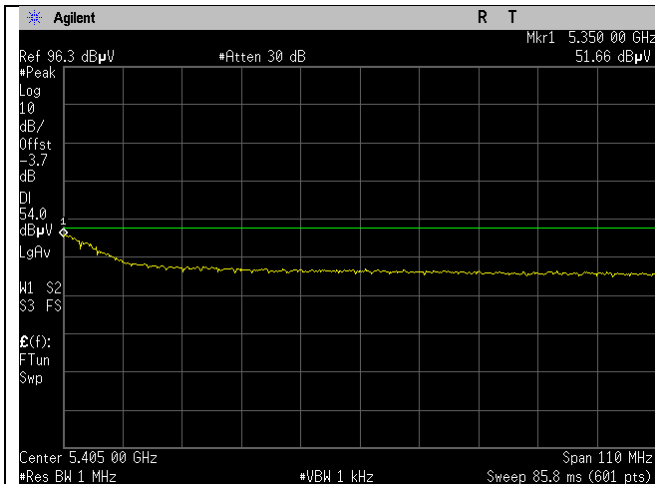
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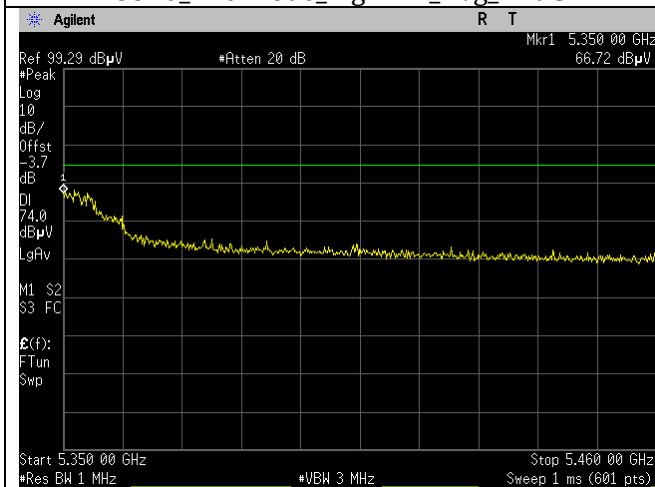
5310_n40 mode_high BE_(-27dBm)_Ant C



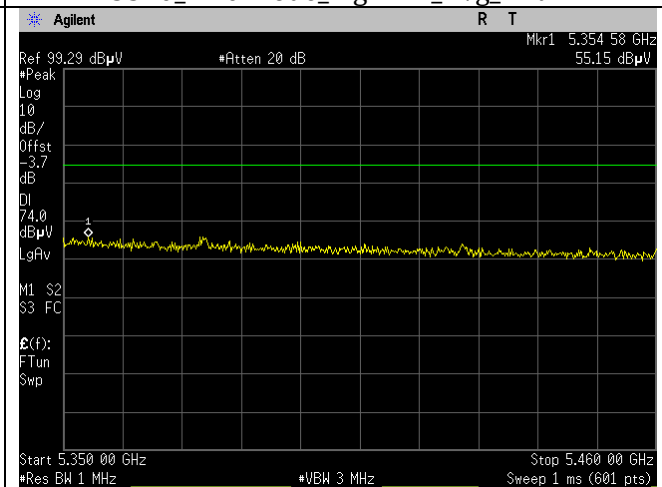
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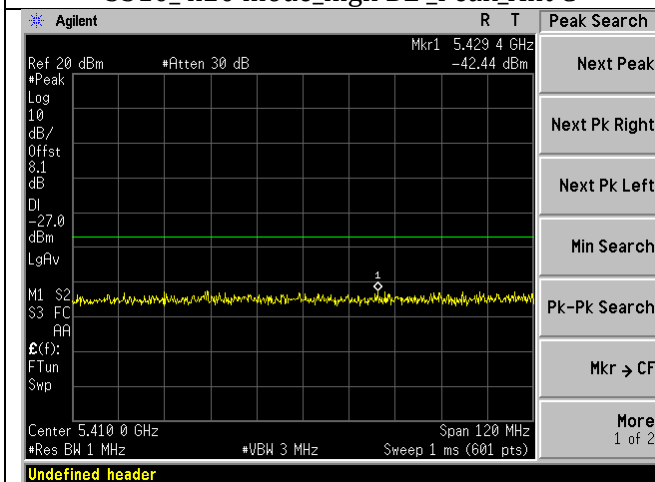
5310_n20 mode_high BE_Avg_Ant C



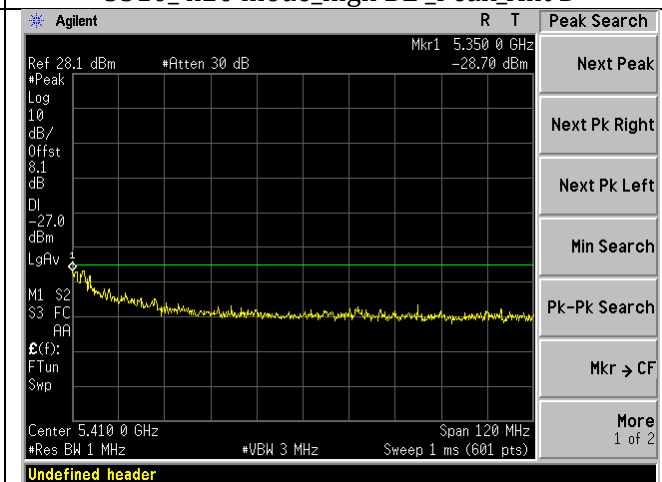
5310_n20 mode_high BE_Avg_Ant D



5310_n20 mode_high BE_Peak_Ant C

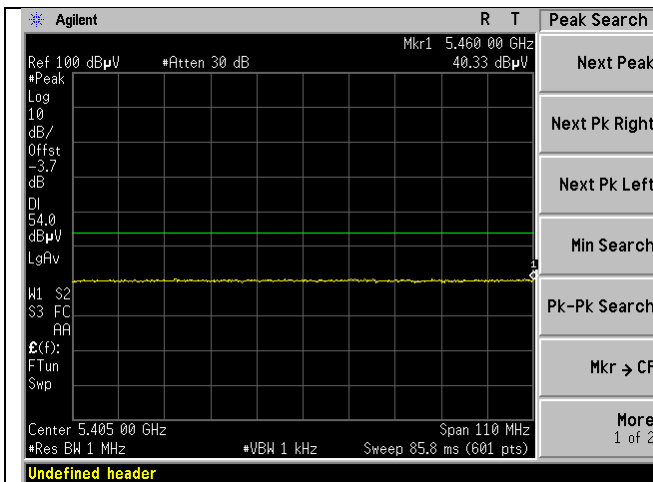


5310_n20 mode_high BE_Peak_Ant D

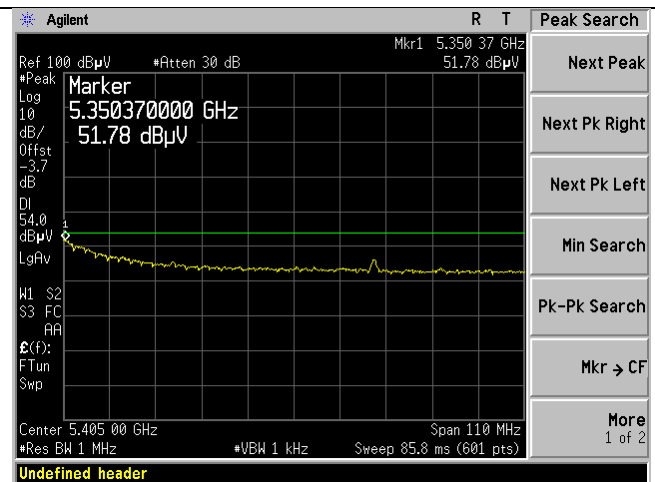


5320_a mode_high BE_(-27dBm)_Ant C

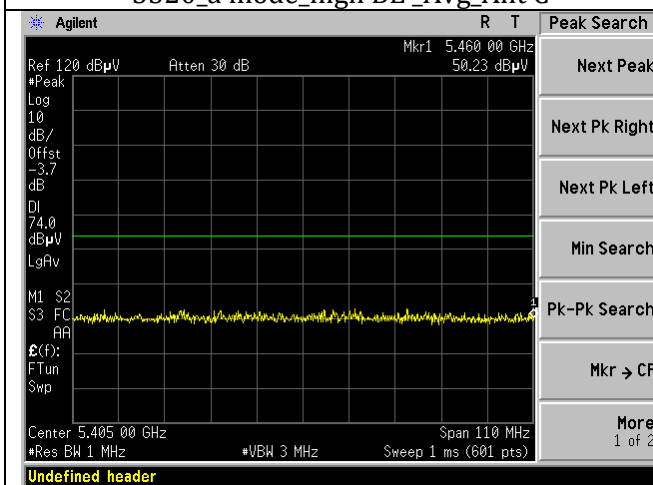
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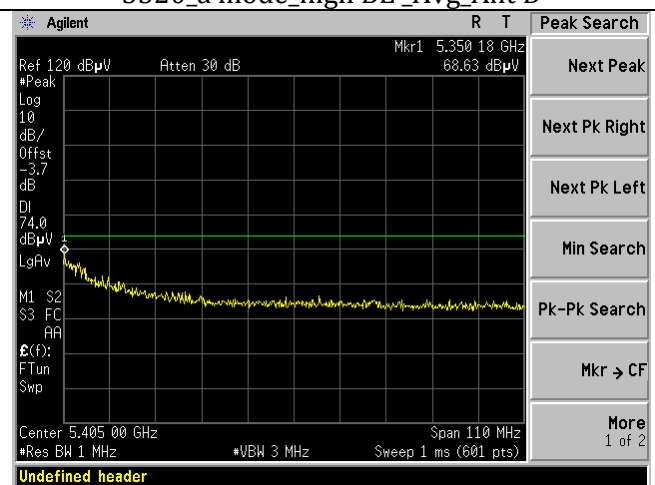
5320_a mode_high BE_Avg Ant C



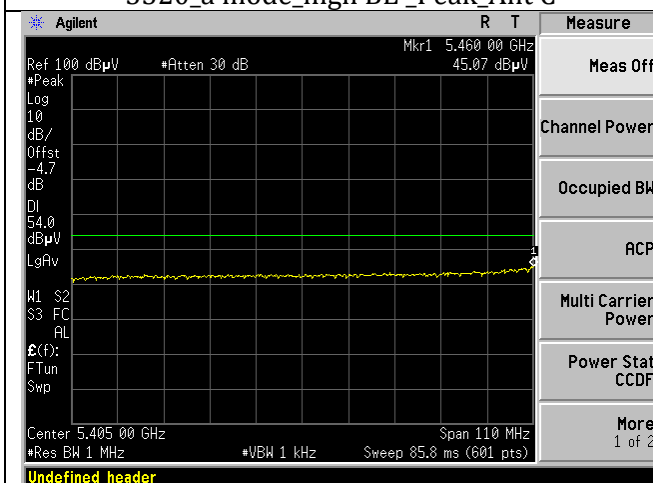
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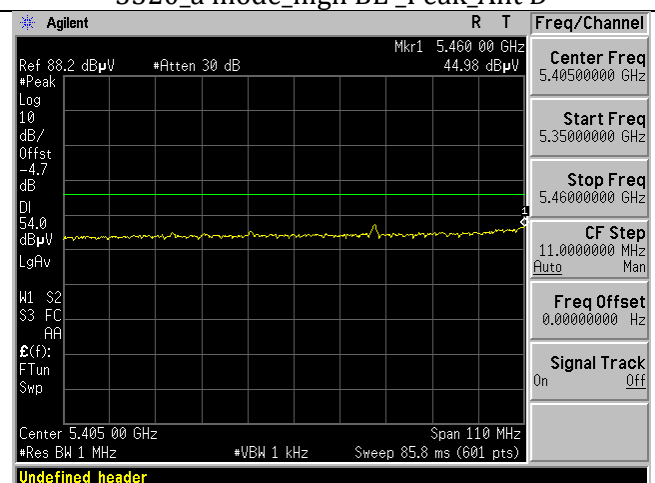
5320_a mode_high BE_Peak Ant C



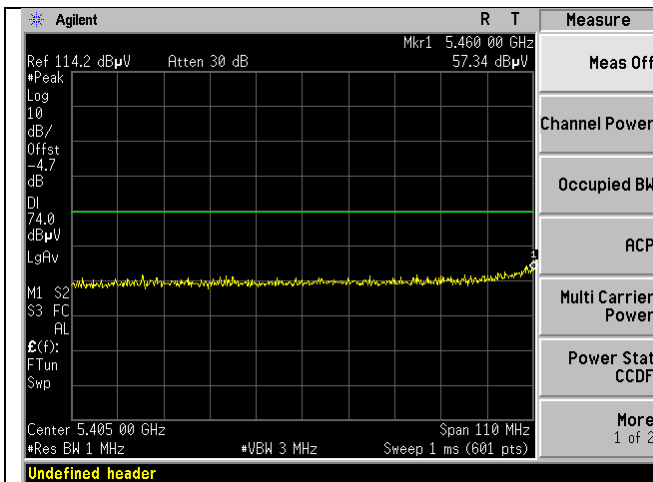
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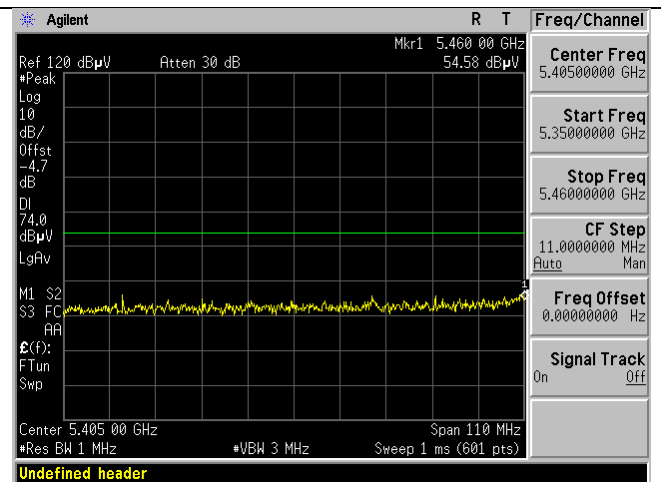
5500_a mode_low BE_Avg Ant C



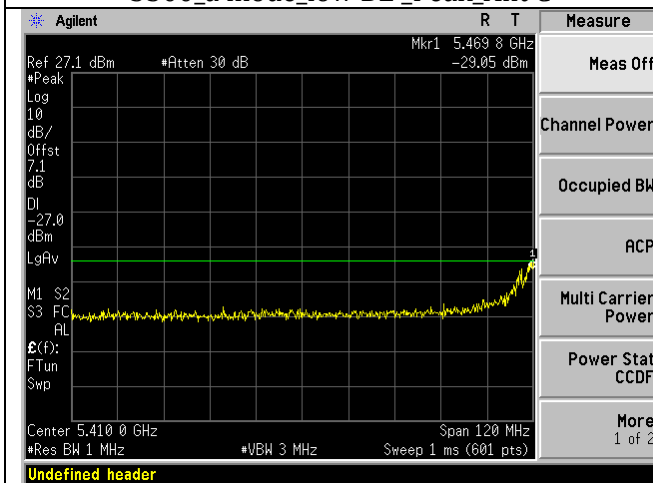
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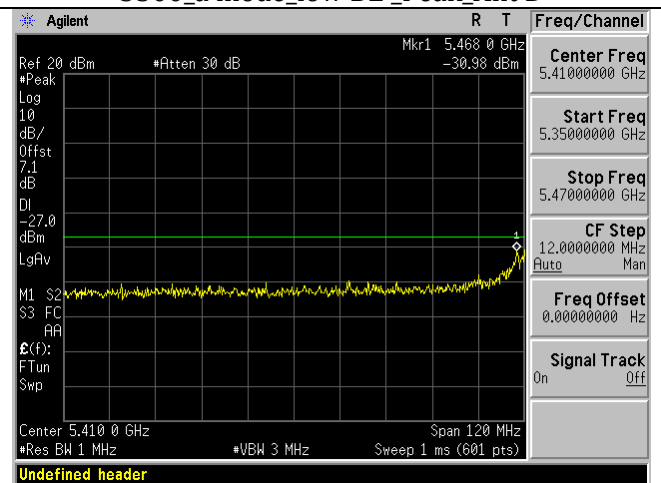
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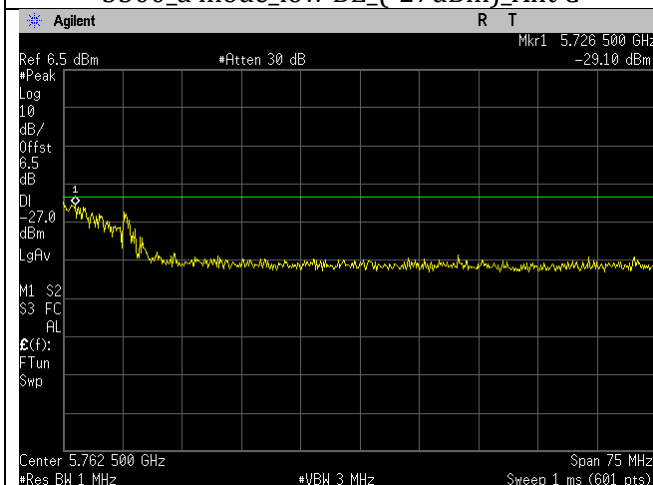
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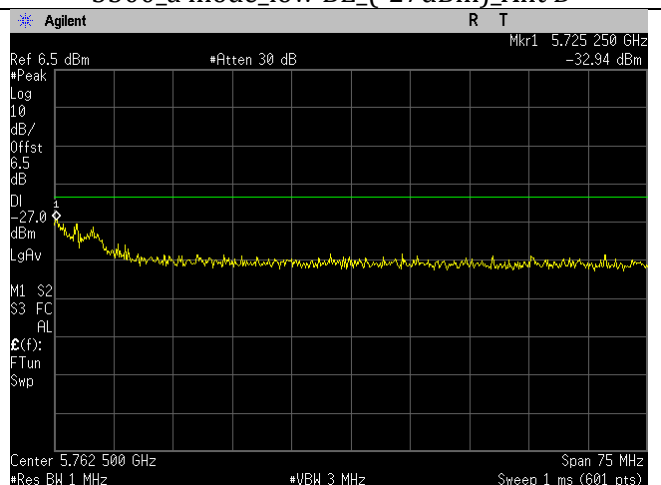
5500_a mode_low BE (-27dBm) Ant C



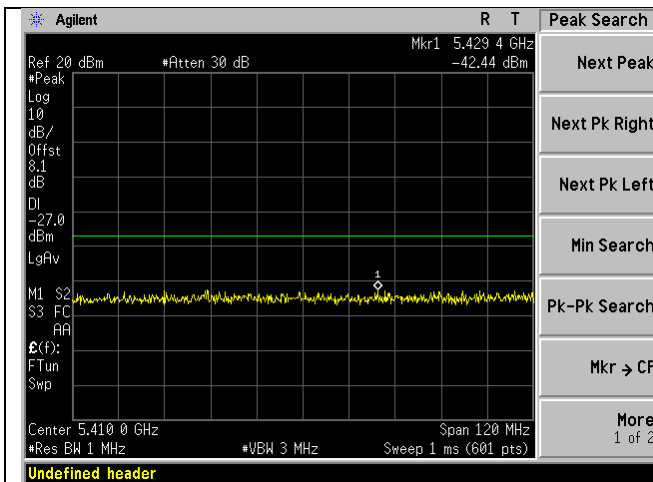
5500_a mode_low BE (-27dBm) Ant D



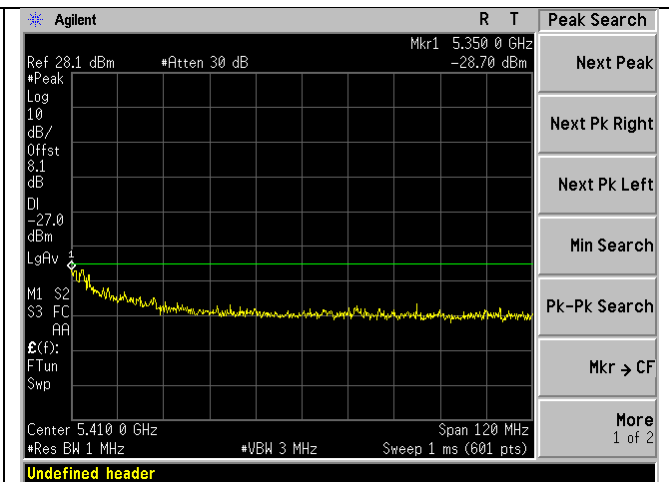
5700_a mode_high BE (-27dBm) Ant C



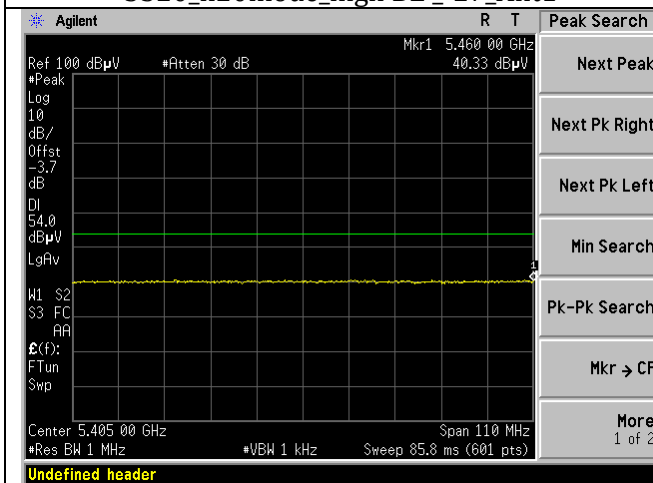
5700_a mode_high BE (-27dBm) Ant D



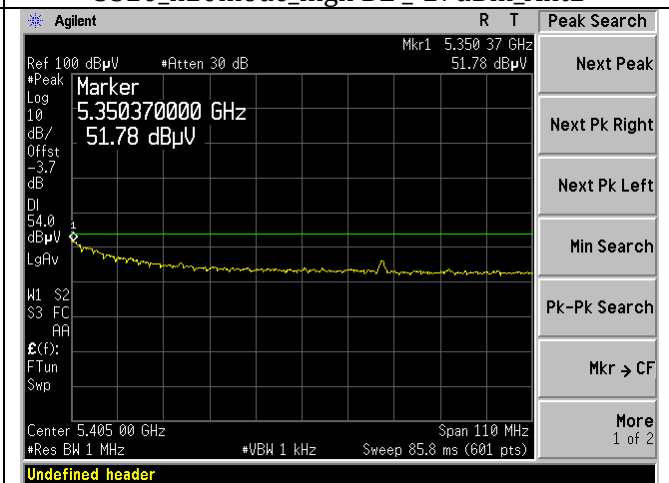
5320_n20mode_high BE_-27_Ant1



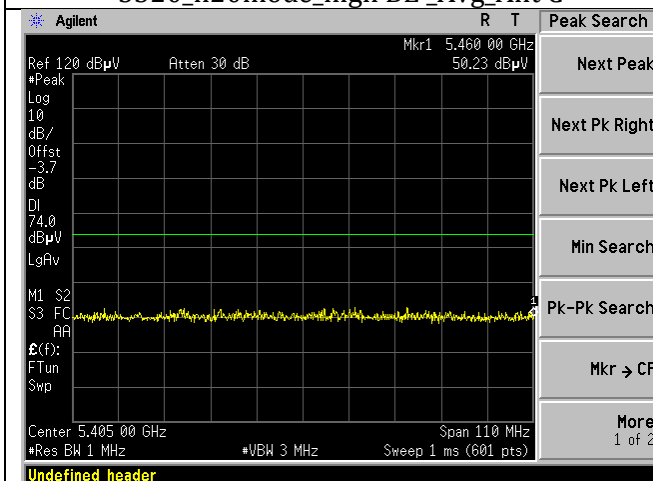
5320_n20mode_high BE_-27dBm_Ant2



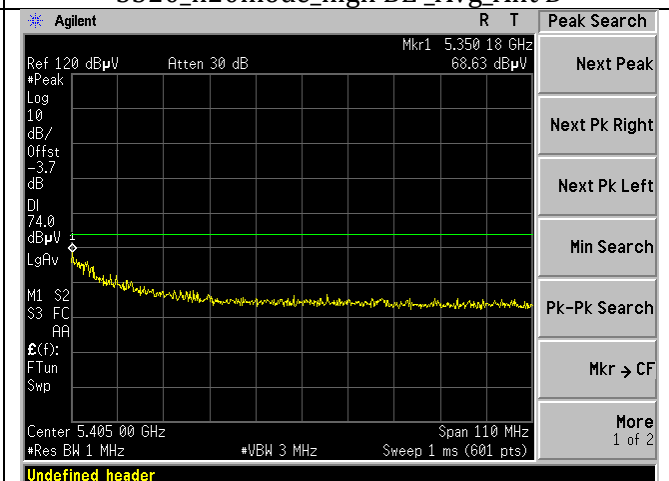
5320_n20mode_high BE_Avg_Ant C



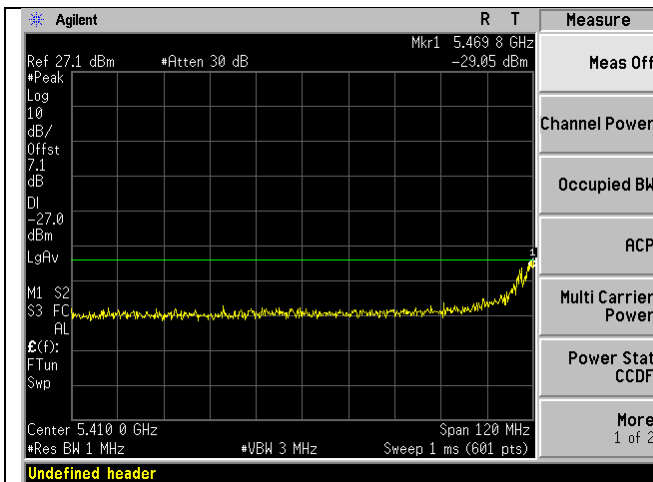
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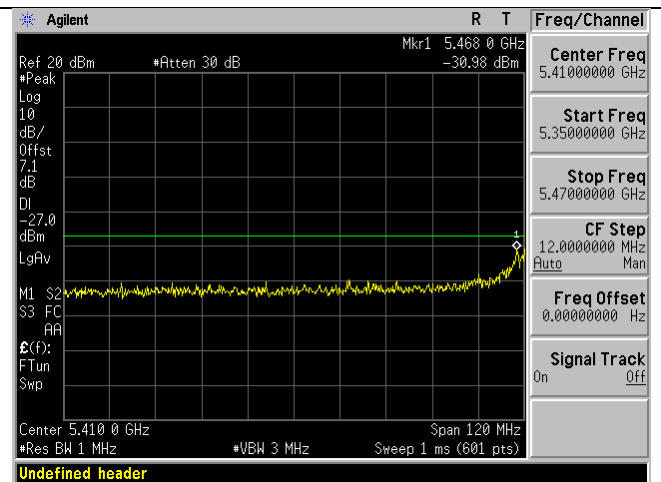
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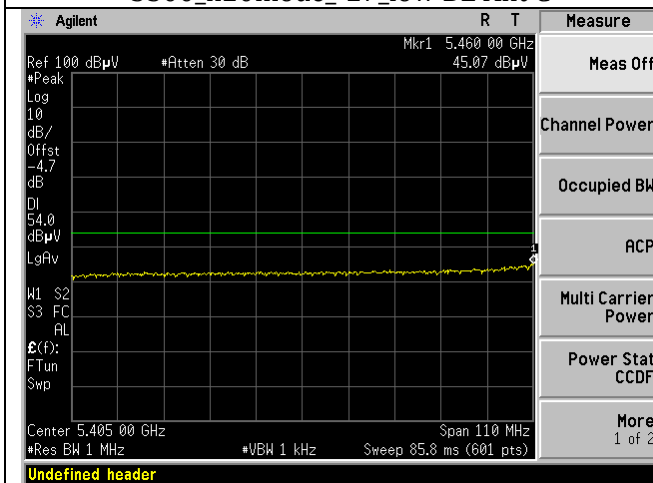
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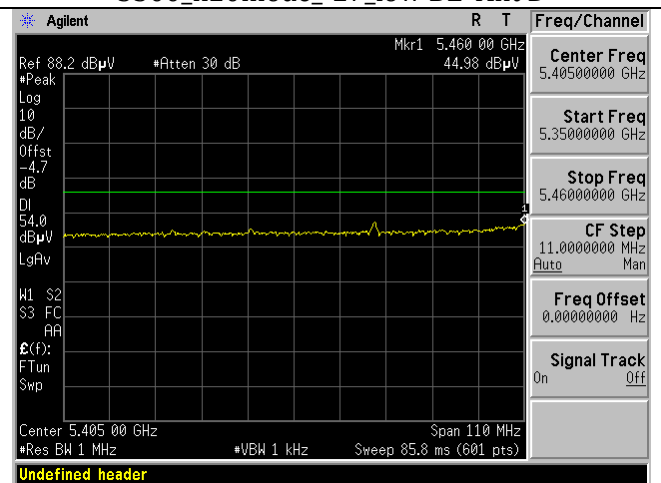
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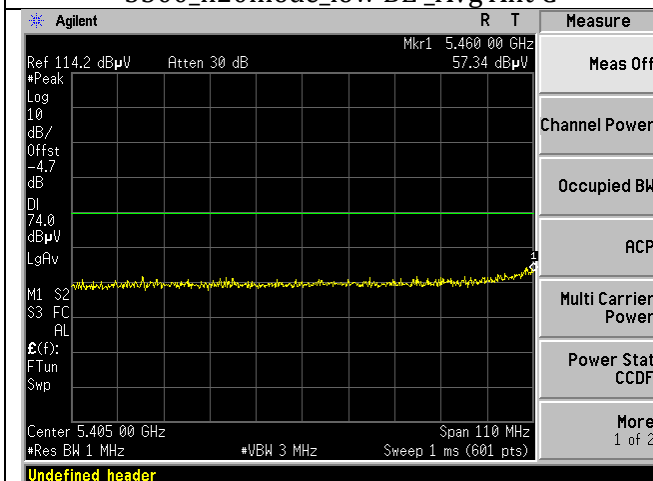
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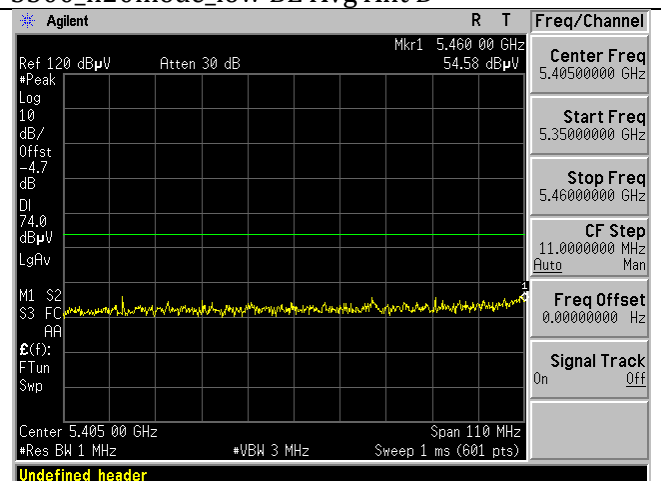
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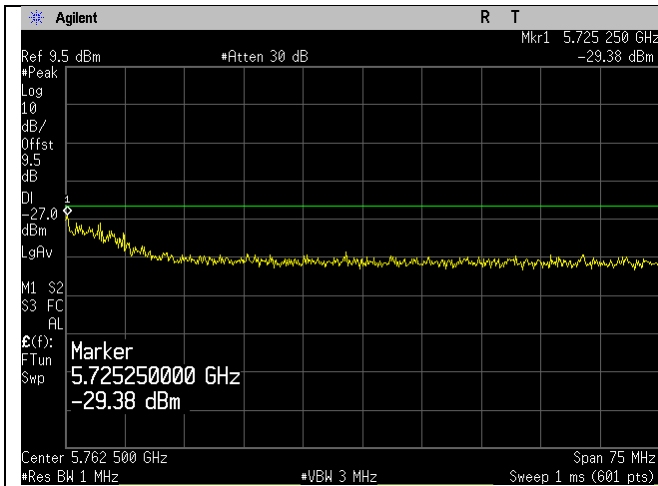
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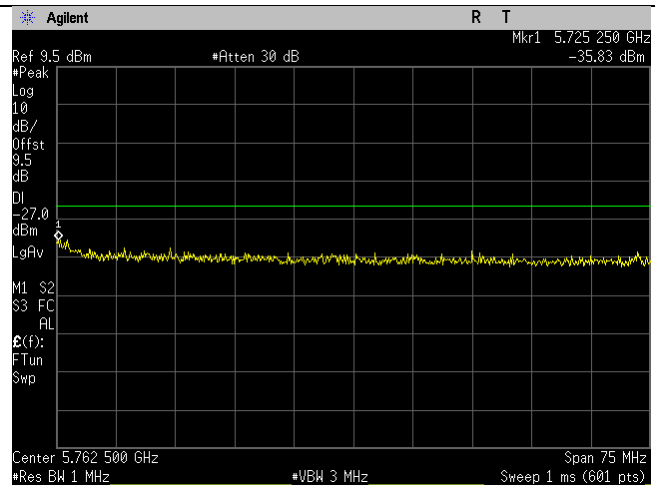
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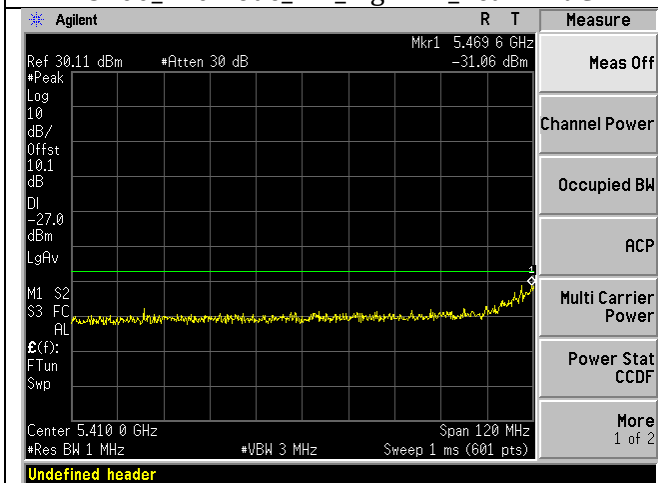
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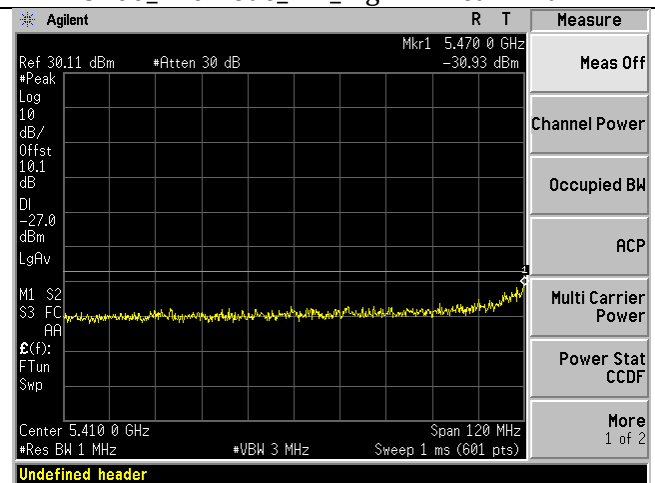
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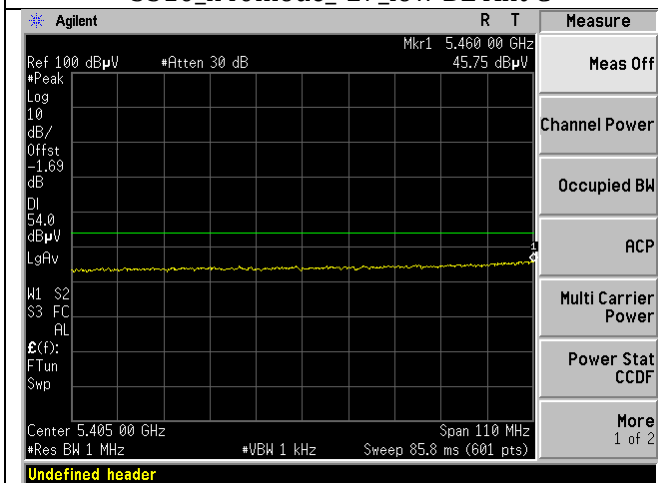
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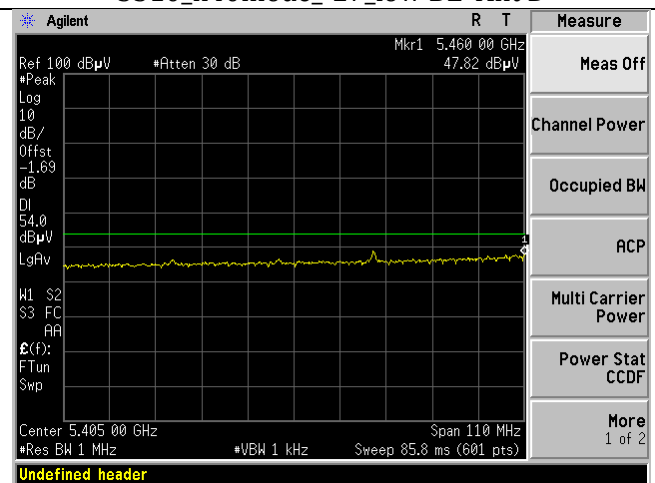
5510_n40mode_-27_low BE Ant C



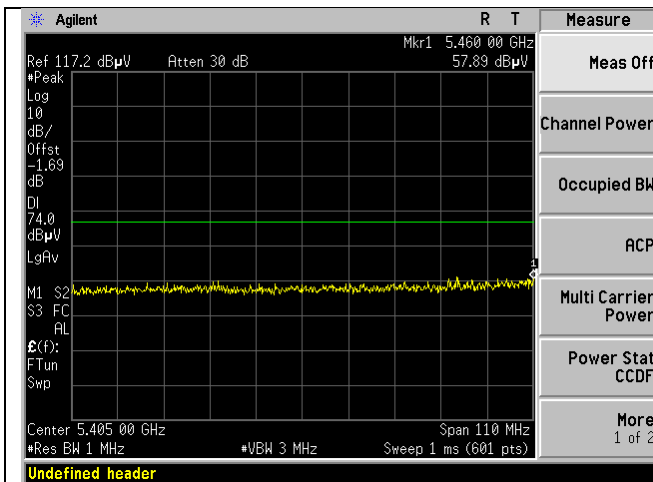
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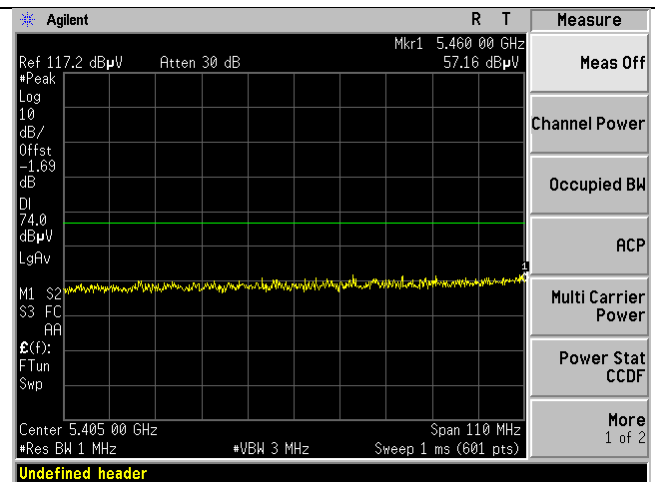
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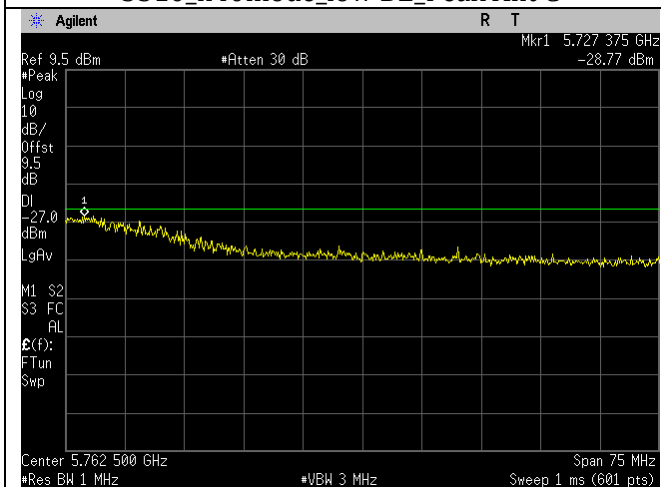
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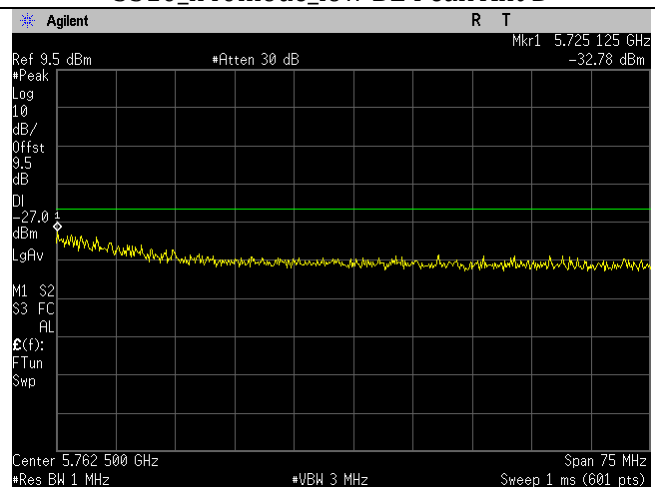
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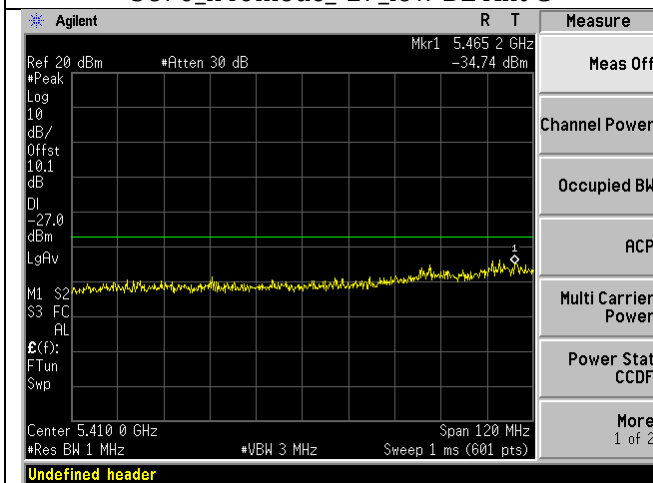
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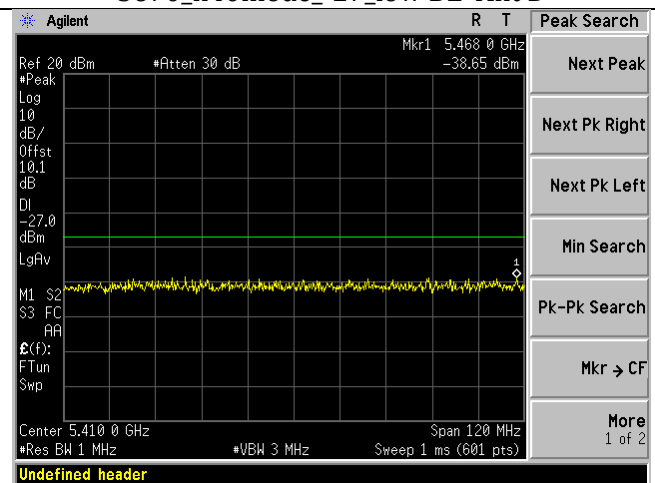
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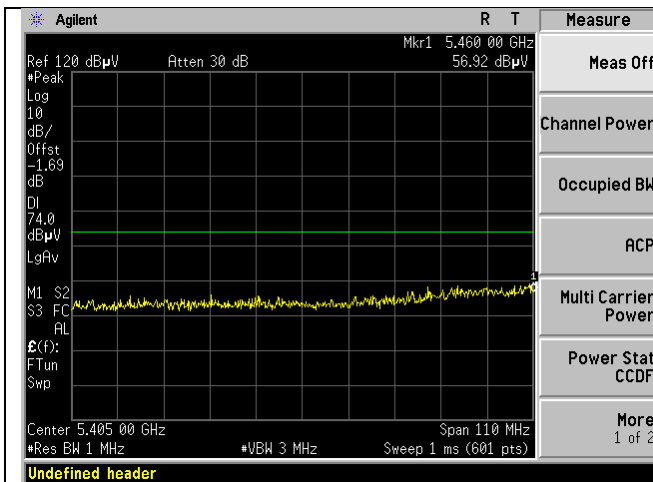
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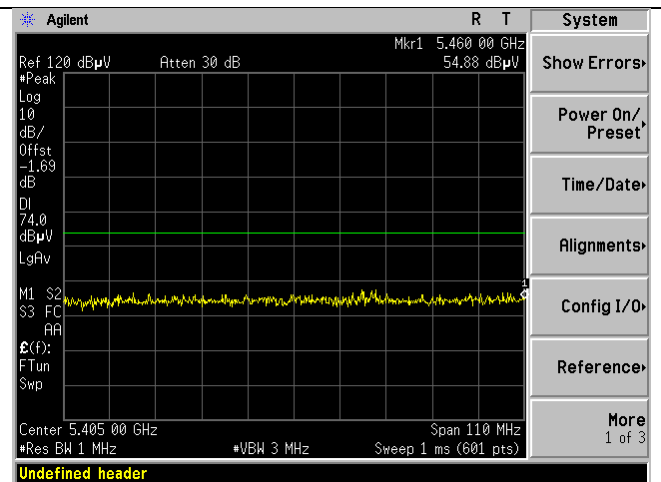
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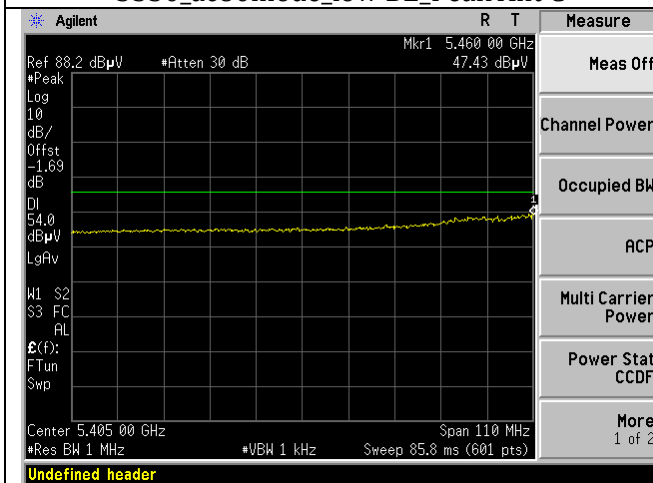
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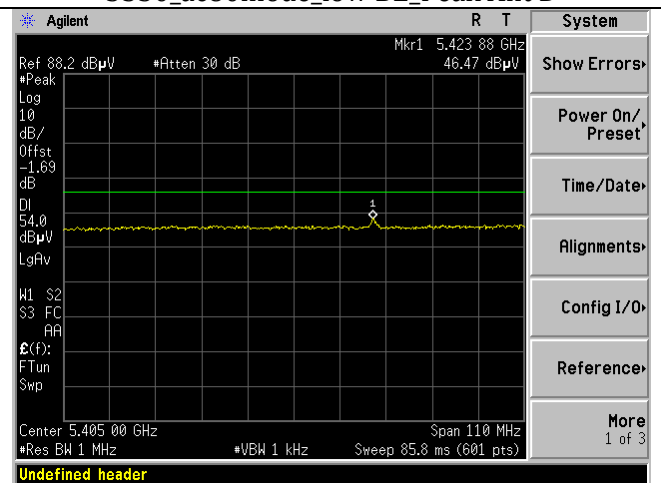
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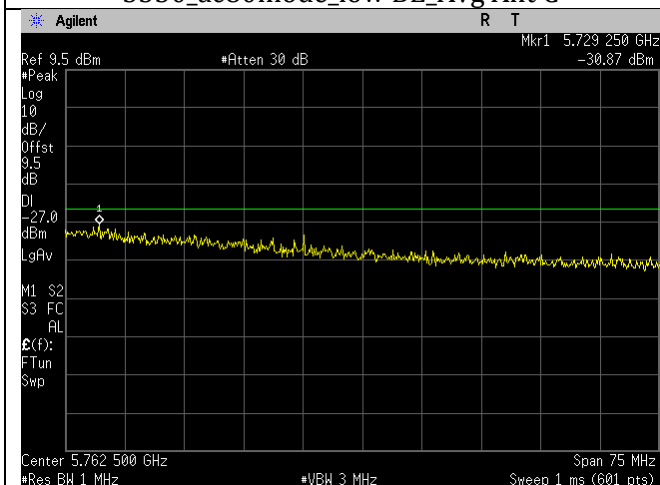
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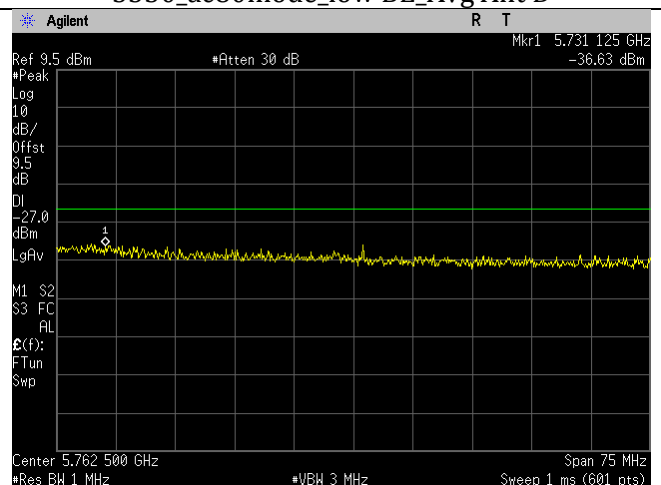
5530_ac80mode_low BE Avg Ant C



5530_ac80mode_low BE Avg Ant D

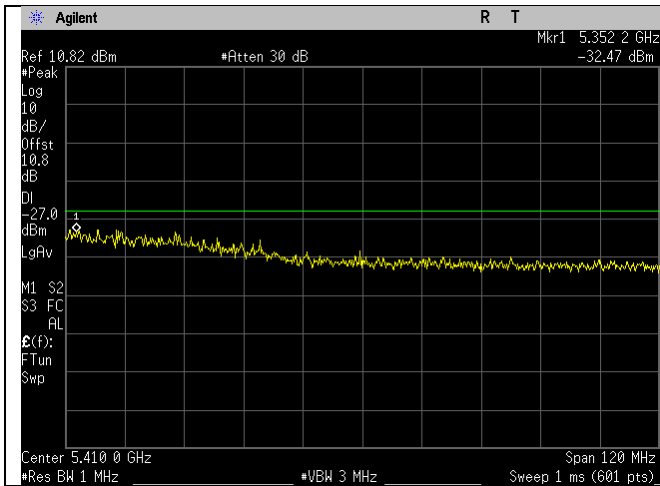


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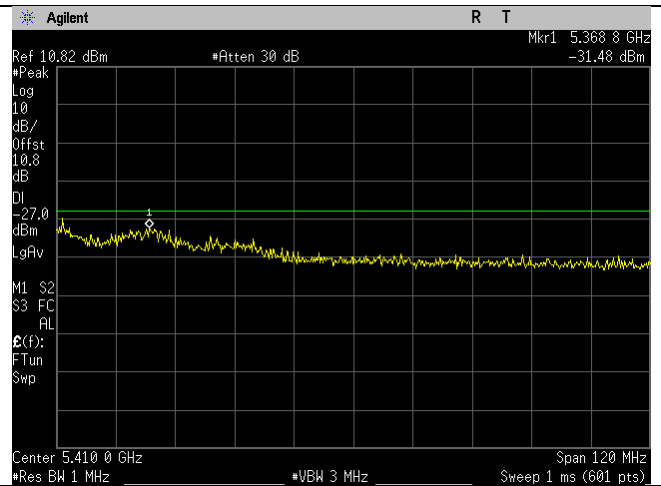


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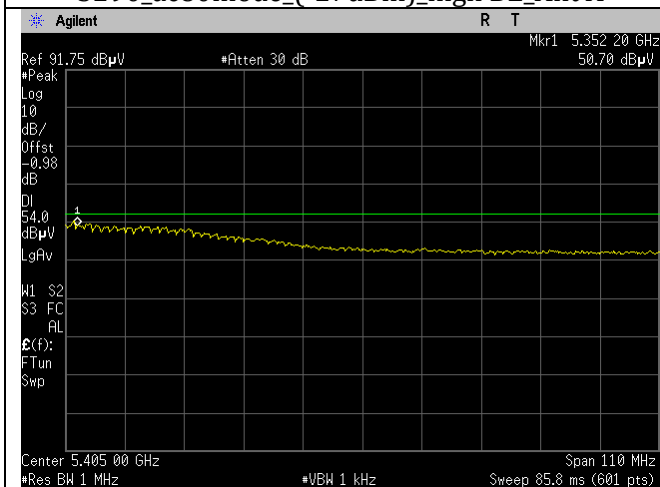
WLAN0



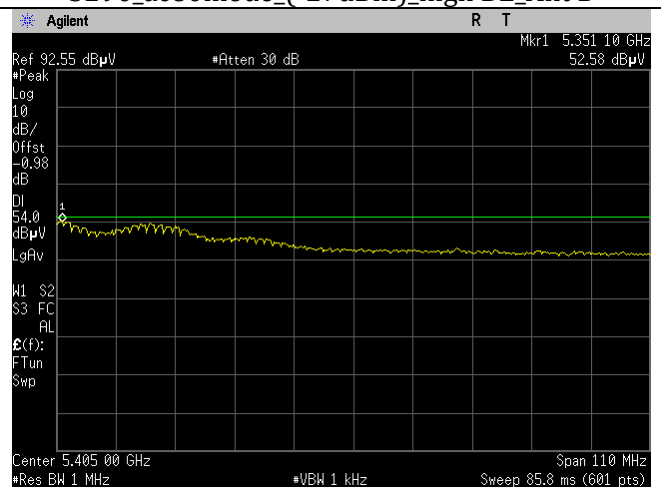
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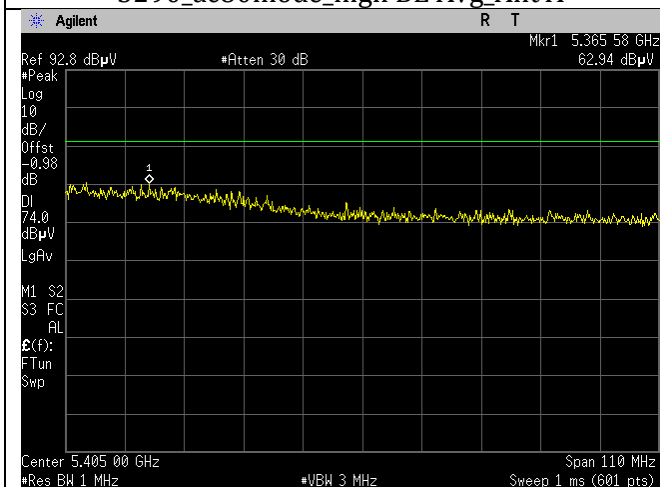
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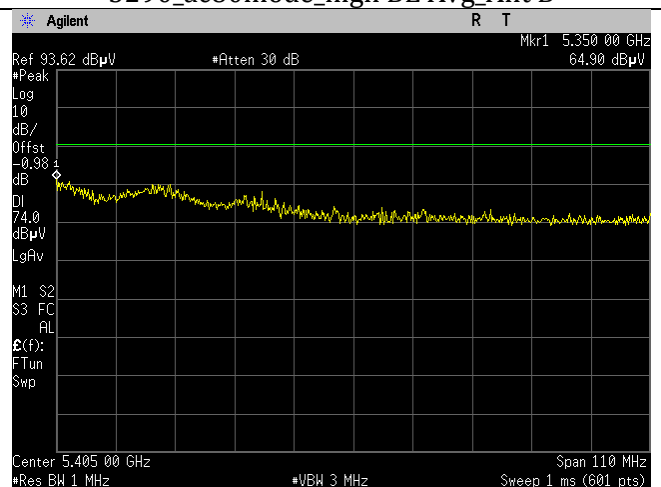
5290_ac80mode_high BE Avg_Ant A



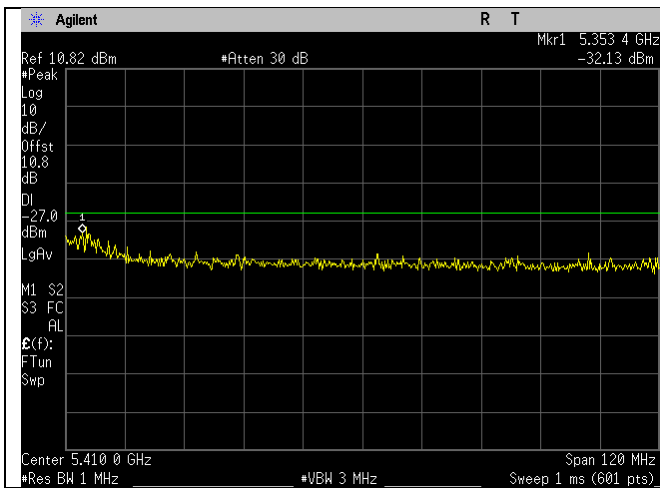
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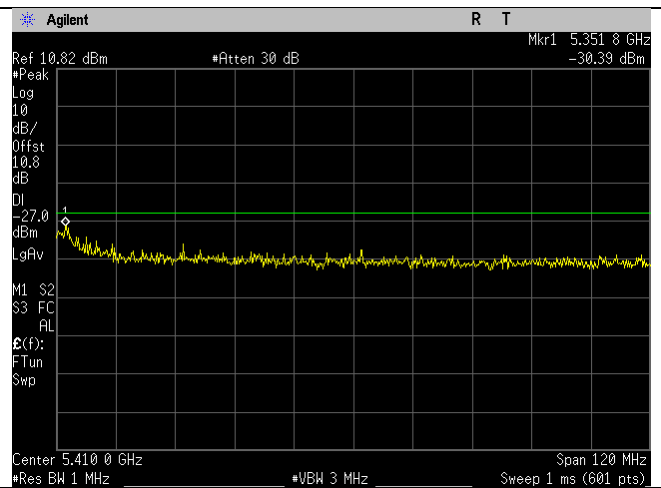
5290_ac80mode_high BE Peak_Ant A



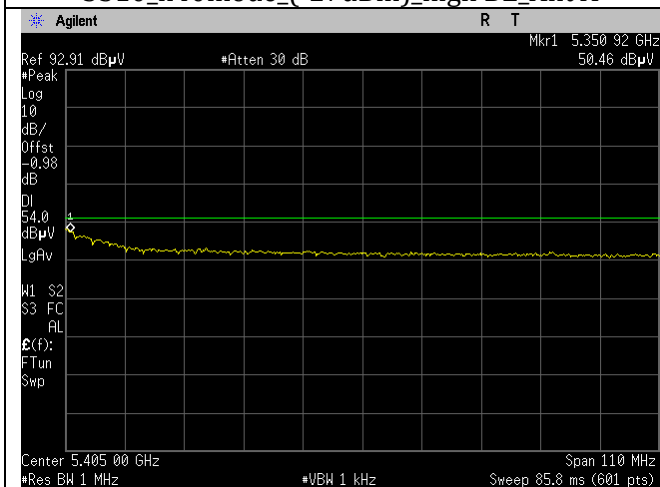
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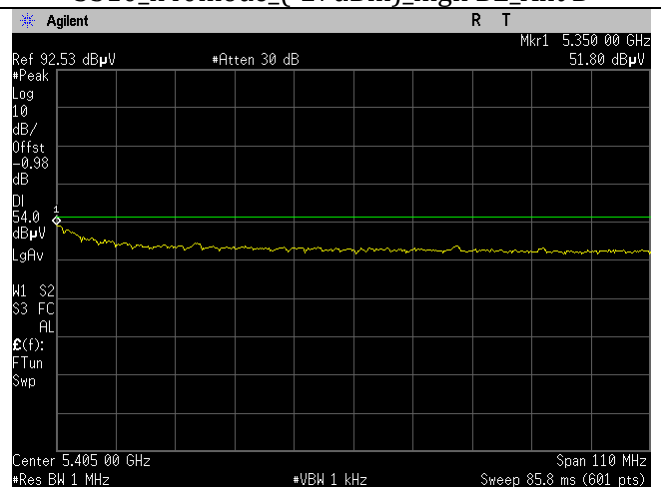
5310_n40mode_(-27dBm)_high BE Ant A



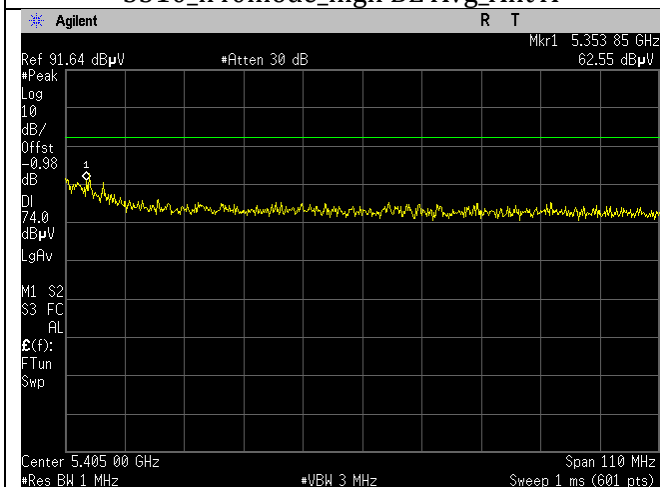
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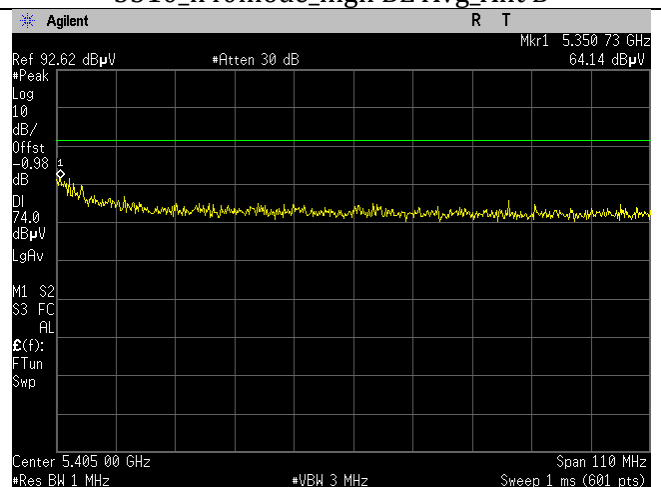
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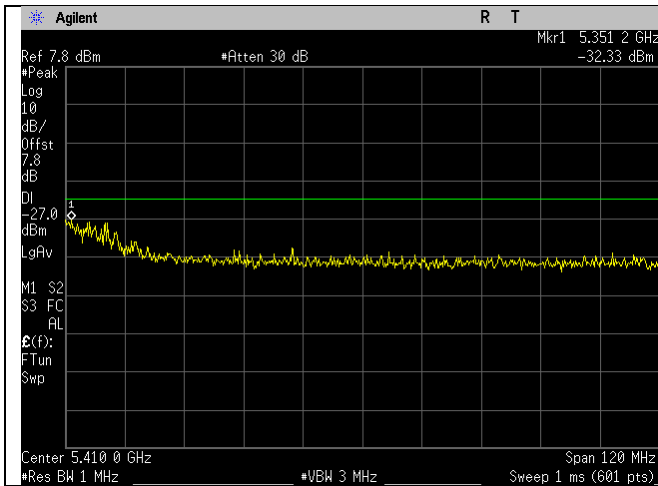
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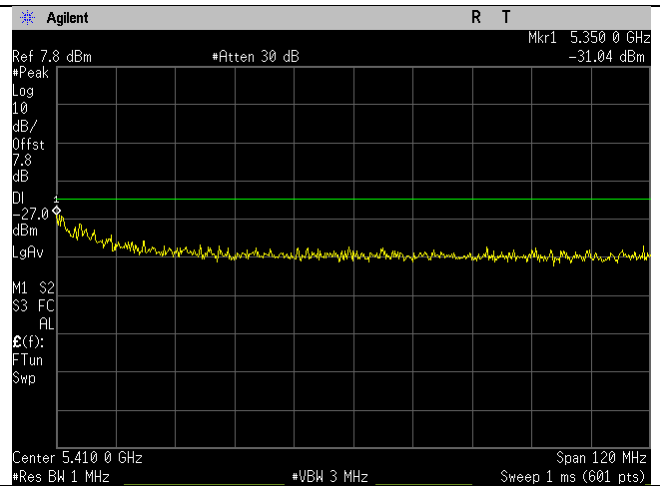
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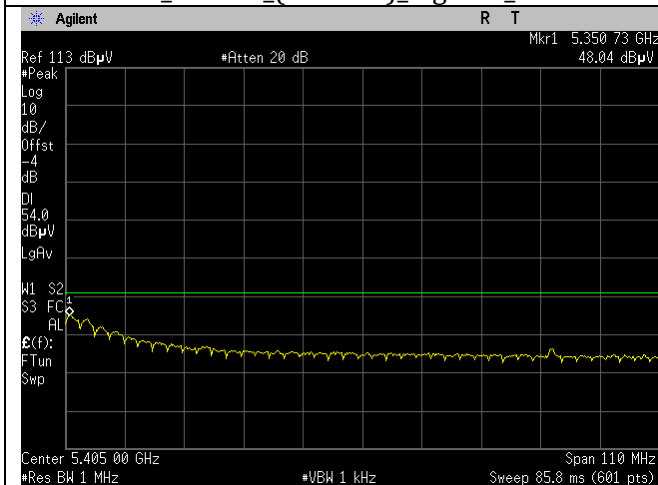
5310_n40mode_high BE Peak Ant B



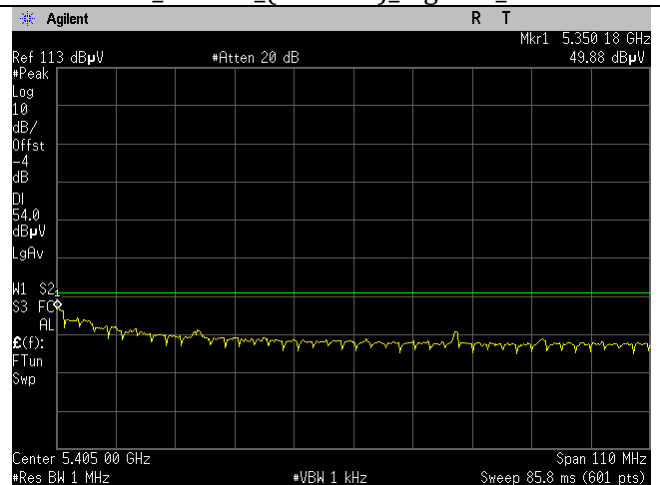
5320_a mode_(-27dBm)_high BE Ant A



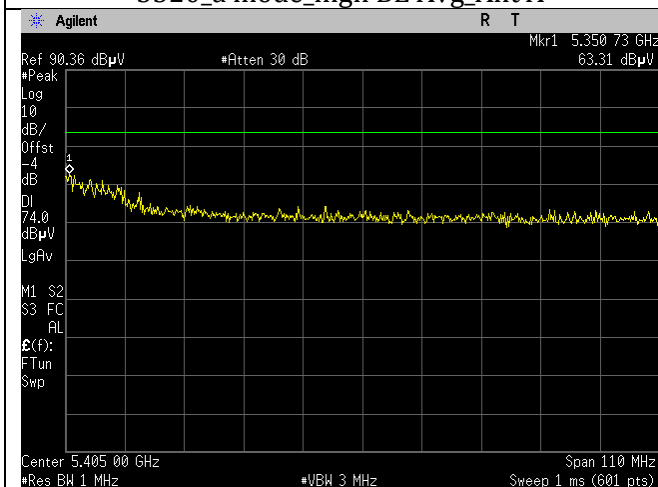
5320_a mode_(-27dBm)_high BE Ant B



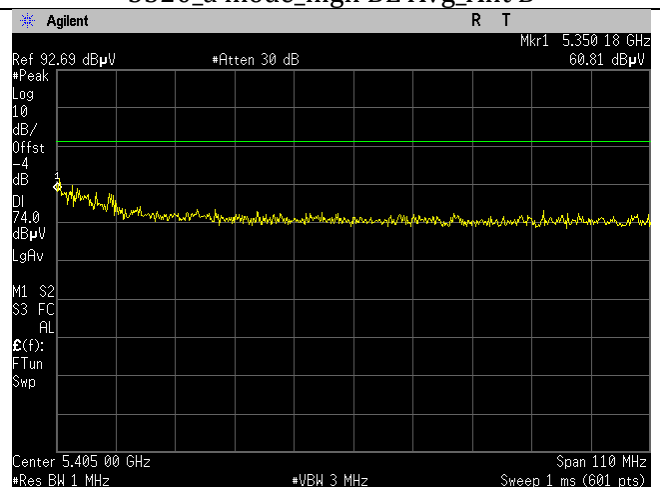
5320_a mode_high BE Avg_Ant A



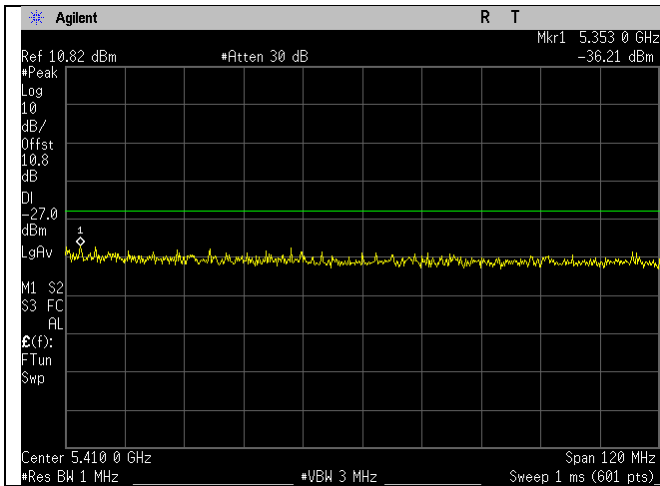
5320_a mode_high BE Avg_Ant B



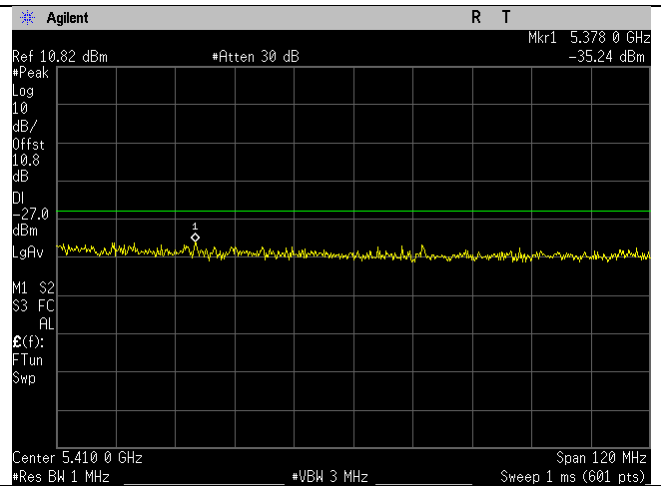
5320_a mode_high BE Peak_Ant A



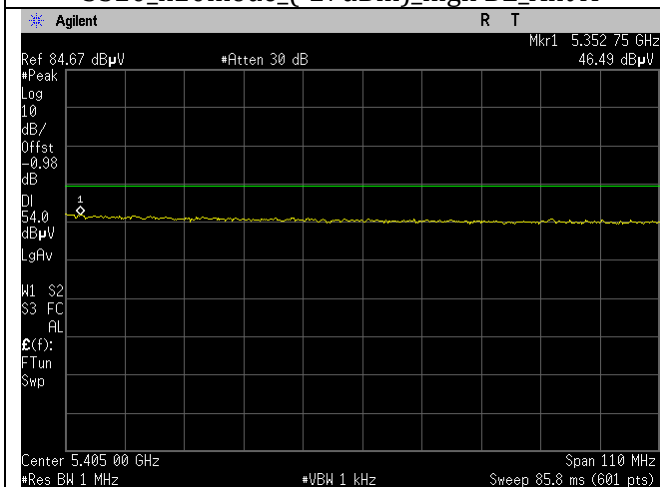
5320_a mode_high BE Peak_Ant B



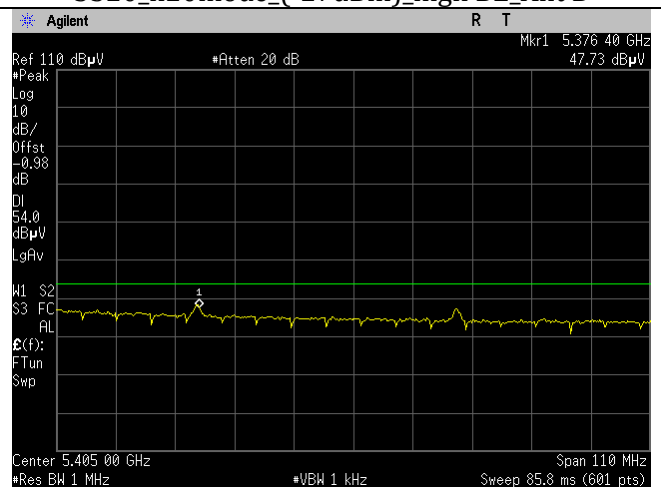
5320_n20mode_(-27dBm)_high BE Ant A



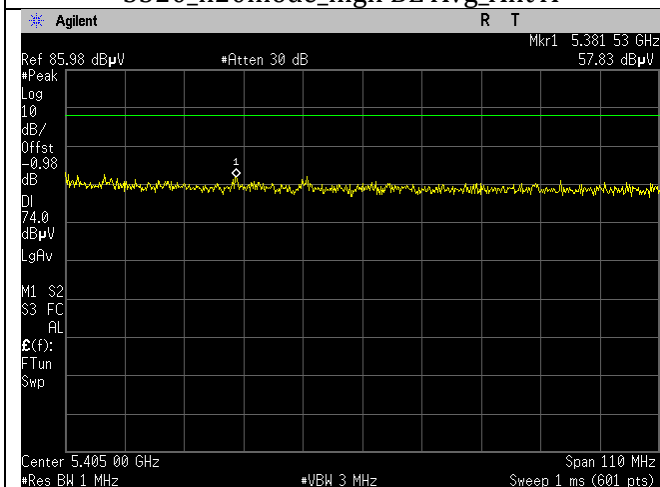
5320_n20mode_(-27dBm)_high BE Ant B



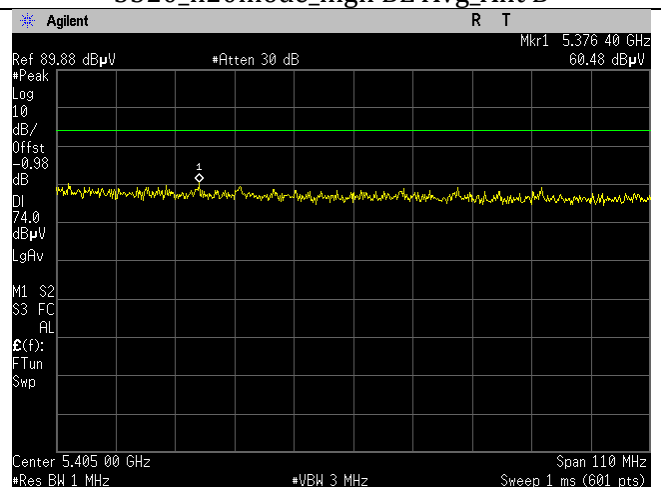
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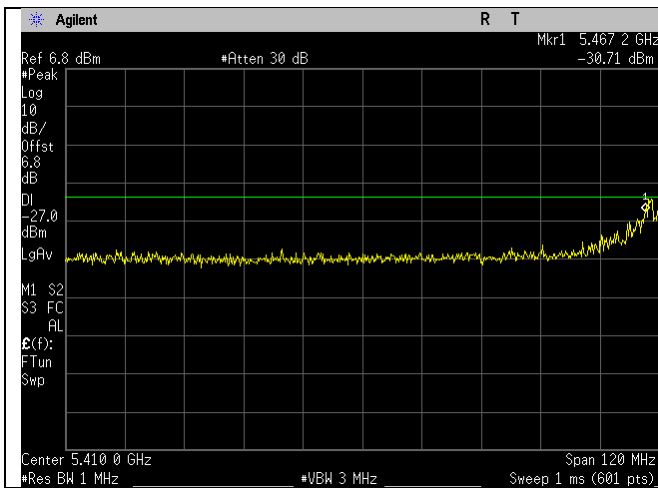
5320_n20mode_high BE Avg Ant B



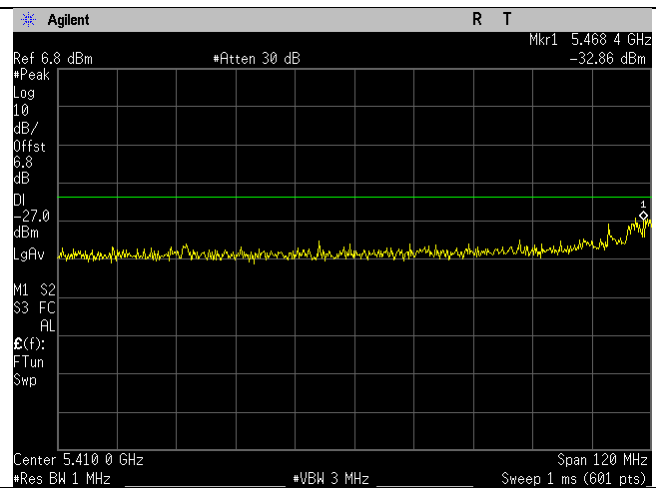
5320_n20mode_high BE Peak Ant A



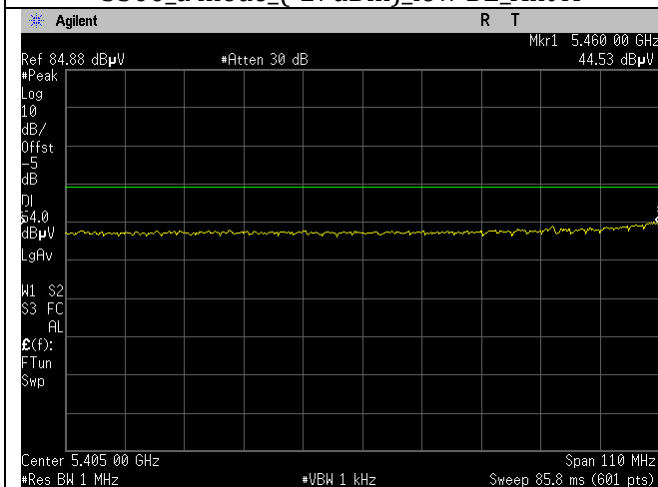
5320_n20mode_high BE Peak Ant B



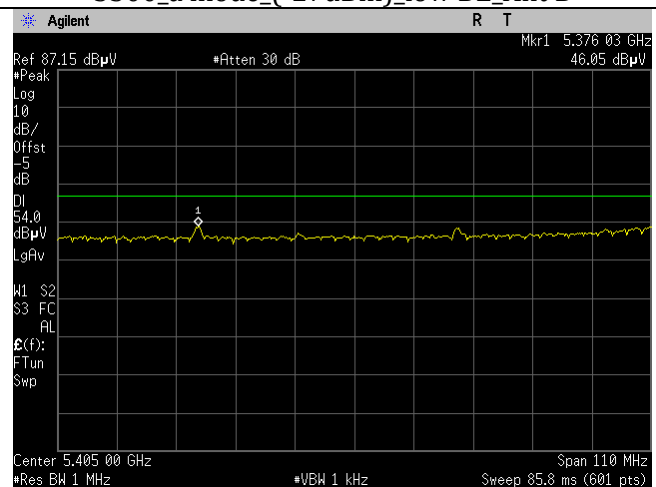
5500_a mode_(-27dBm)_low BE_Ant A



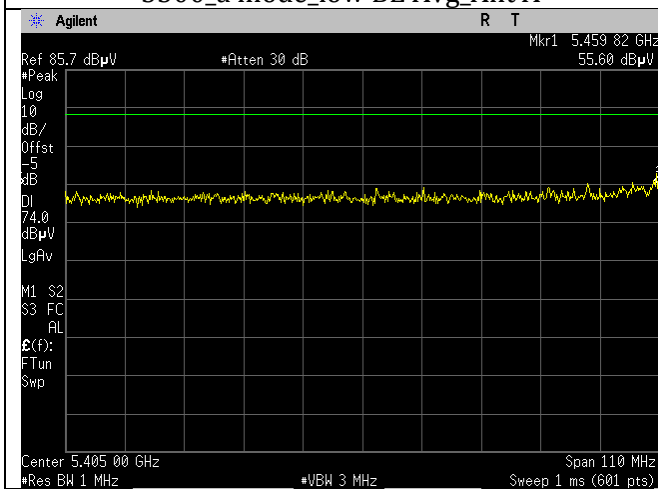
5500_a mode_(-27dBm)_low BE_Ant B



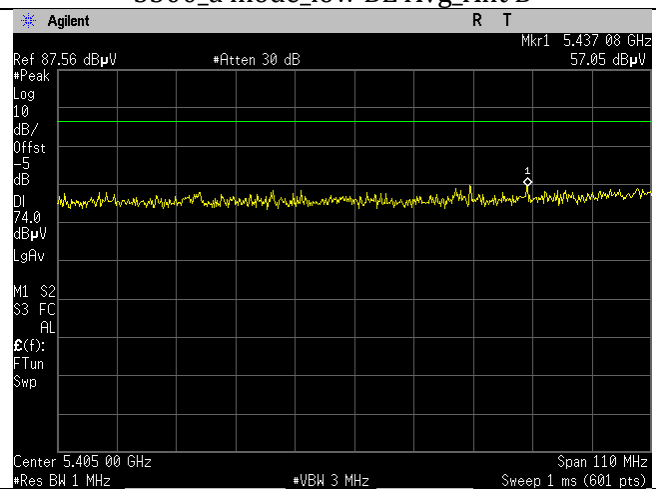
5500_a mode_low BE Avg_Ant A



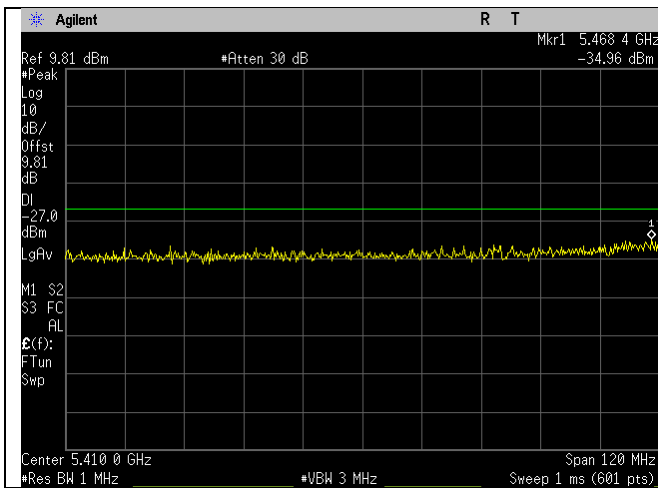
5500_a mode_low BE Avg_Ant B



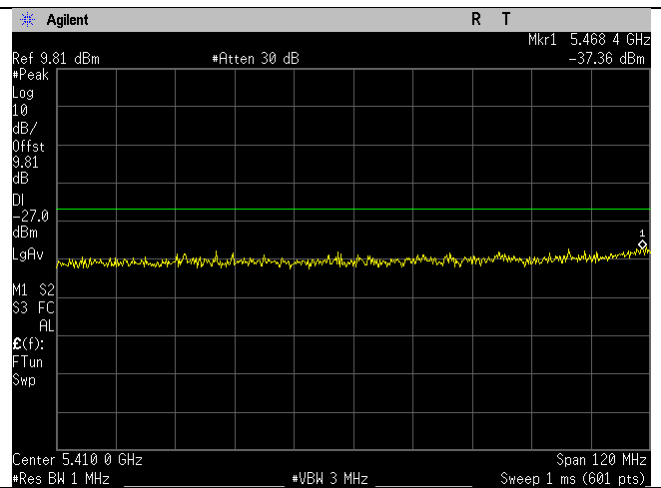
5500_a mode_low BE Peak_Ant A



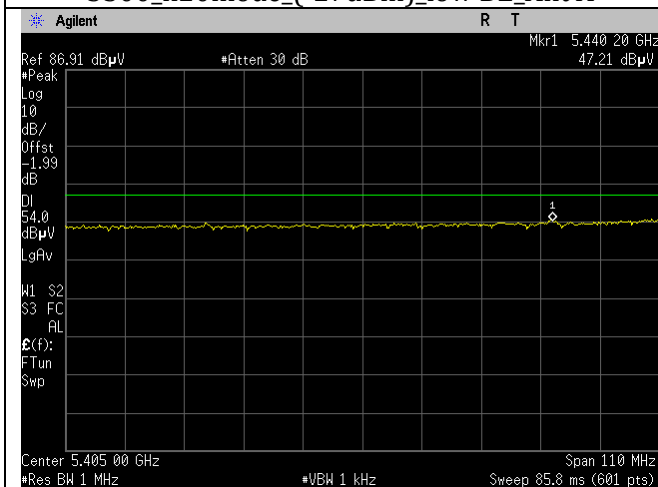
5500_a mode_low BE Peak_Ant B



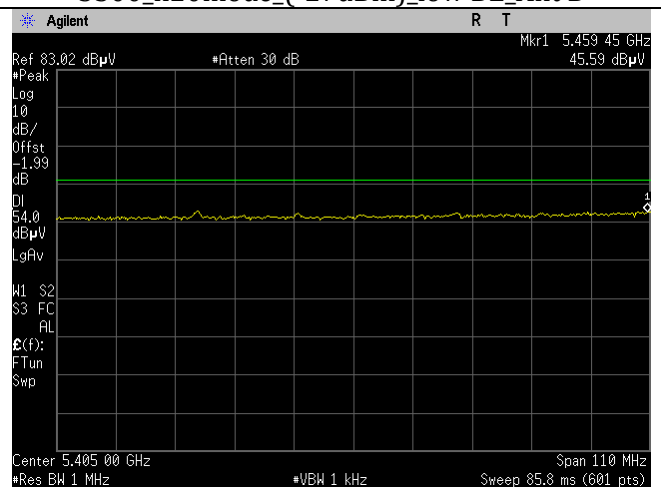
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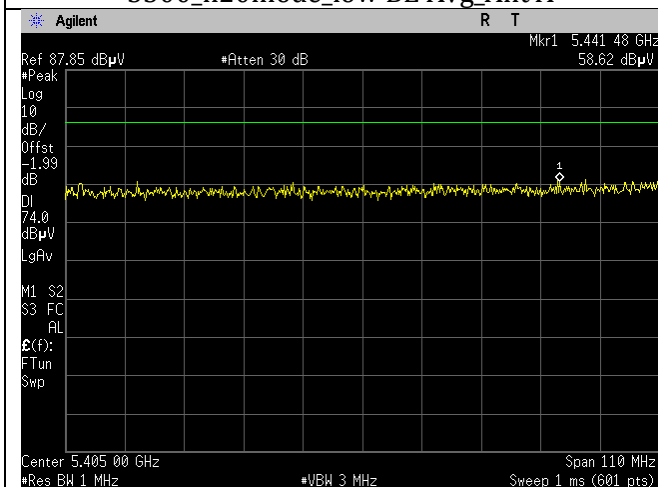
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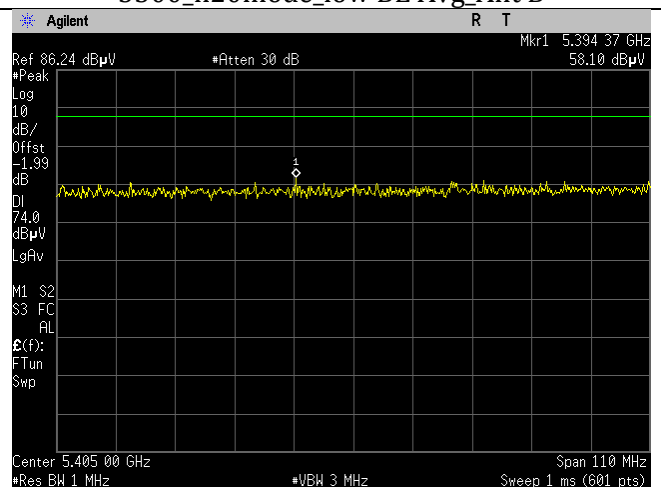
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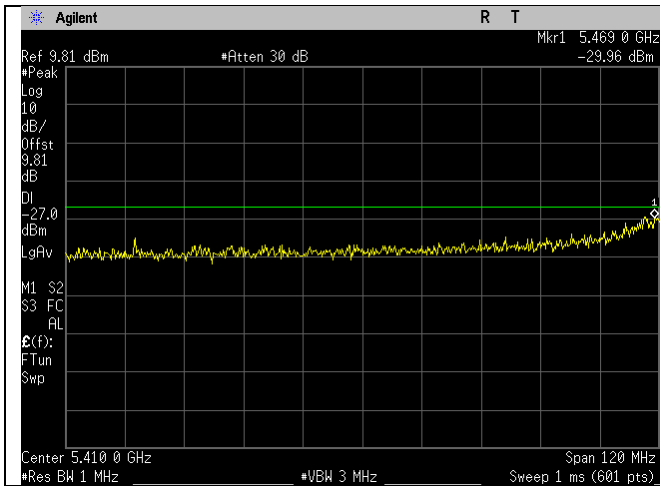
5500_n20mode_low BE Avg_Ant B



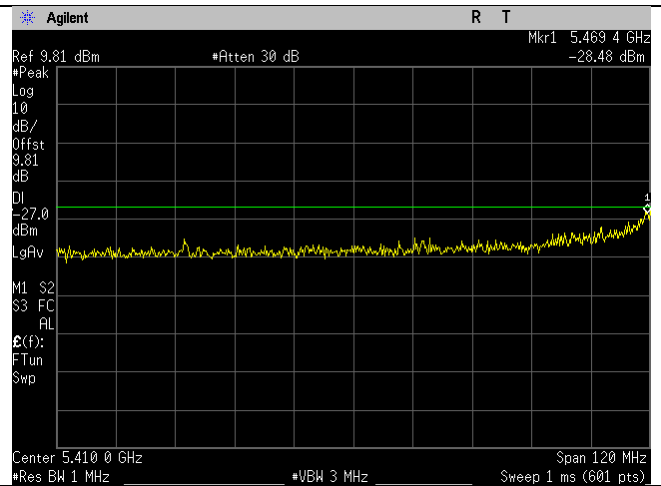
5500_n20mode_low BE Peak_Ant A



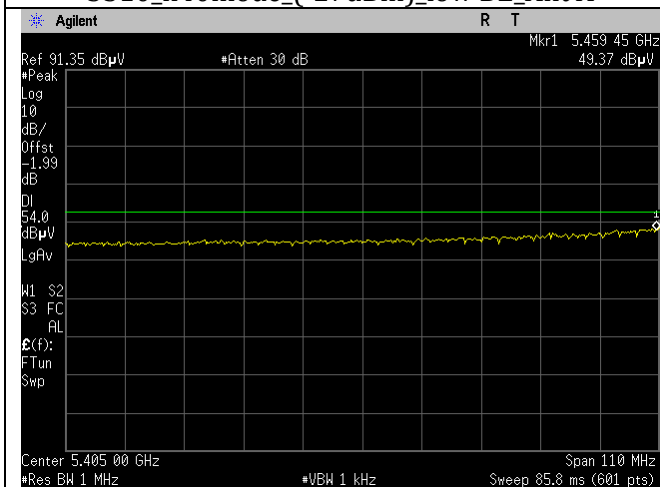
5500_n20mode_low BE Peak_Ant B



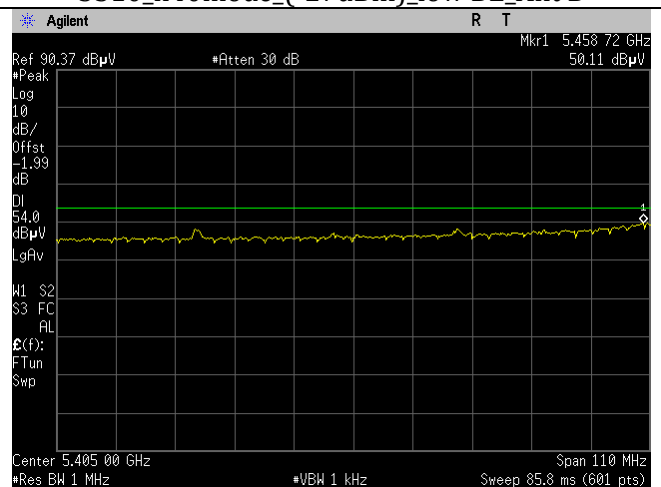
5510_n40mode_(-27dBm)_low BE Ant A



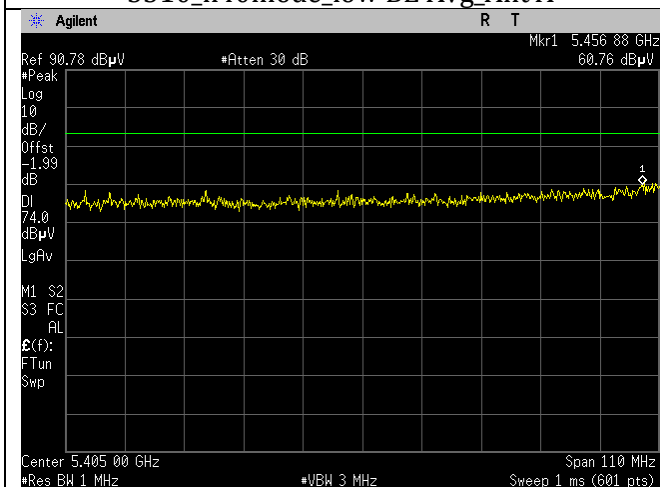
5510_n40mode_(-27dBm)_low BE Ant B



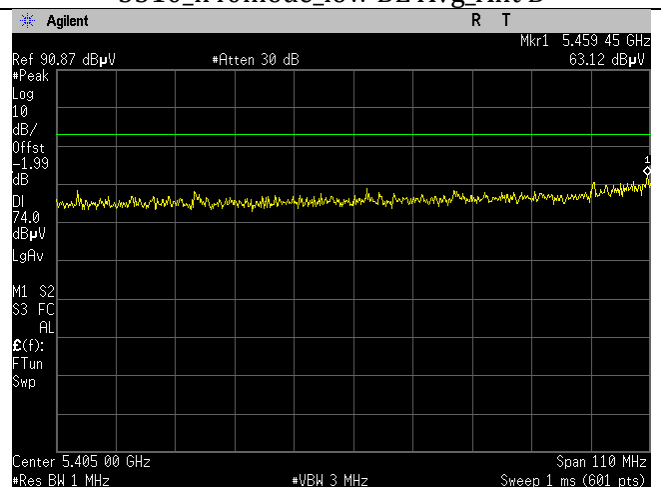
5510_n40mode_low BE Avg Ant A



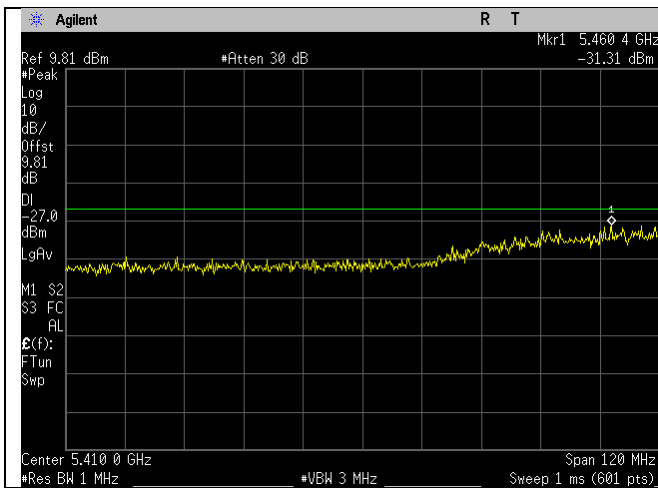
5510_n40mode_low BE Avg Ant B



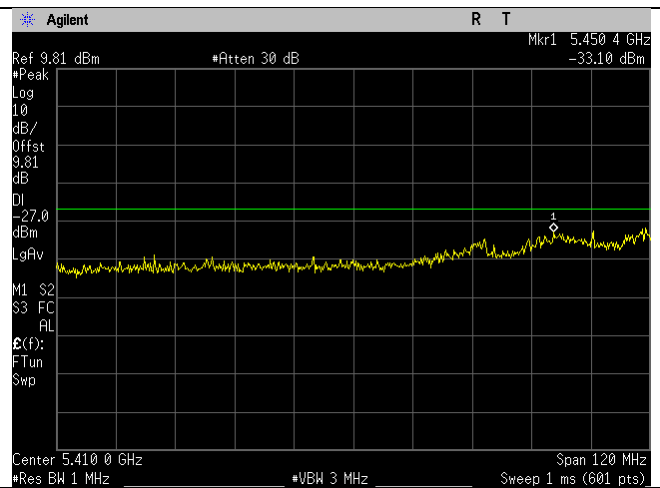
5510_n40mode_low BE Peak Ant A



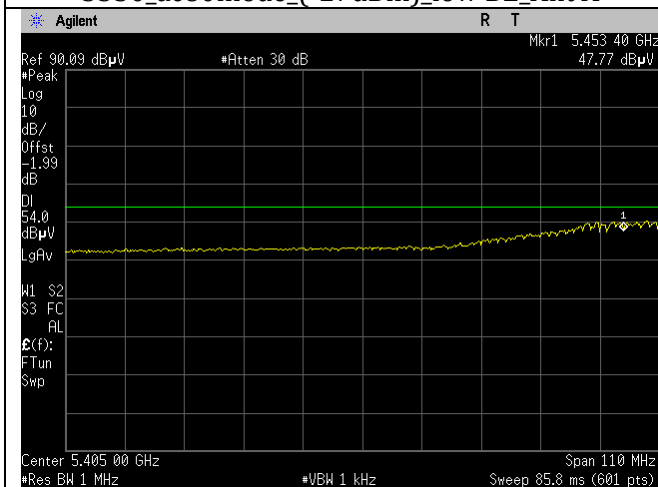
5510_n40mode_low BE Peak Ant B



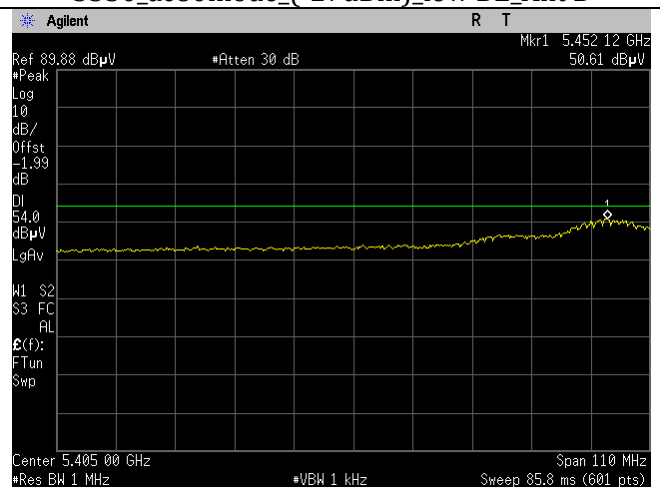
5530_ac80mode_(-27dBm)_low BE Ant A



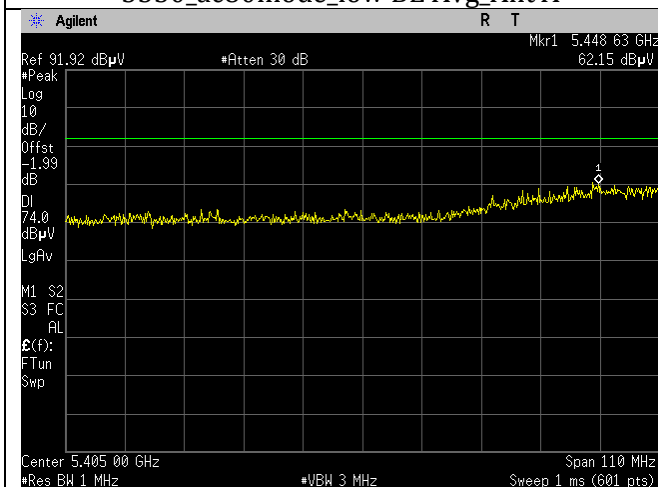
5530_ac80mode_(-27dBm)_low BE Ant B



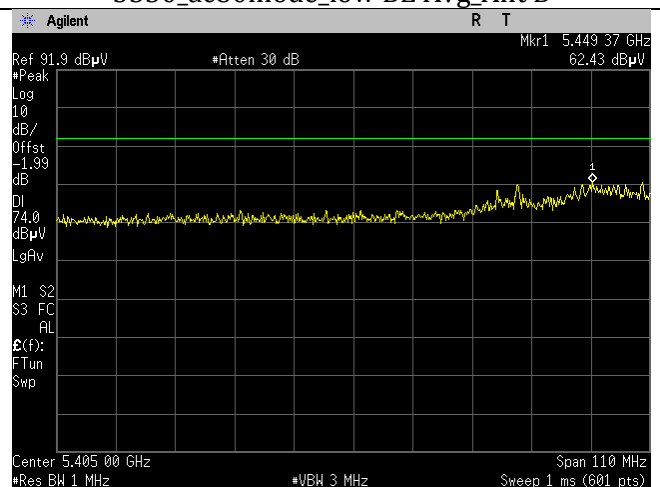
5530_ac80mode_low BE Avg Ant A



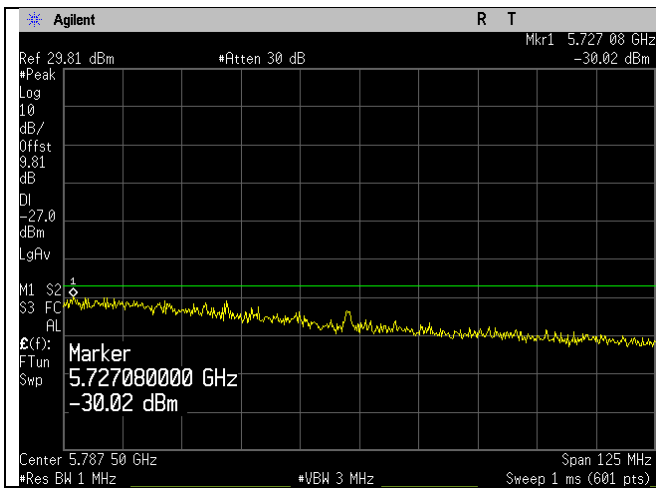
5530_ac80mode_low BE Avg Ant B



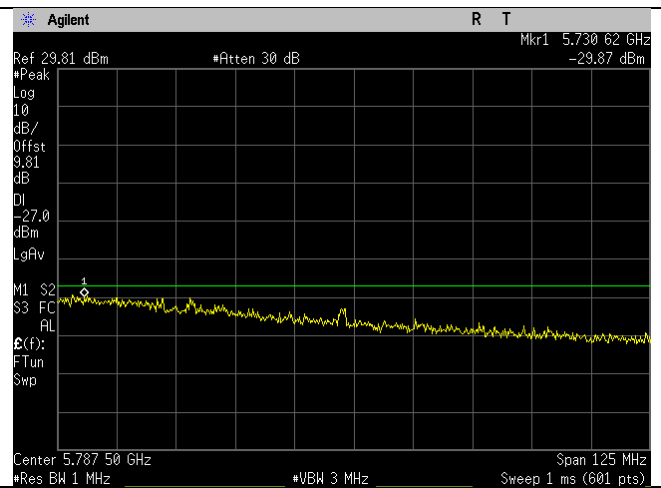
5530_ac80mode_low BE Peak Ant A



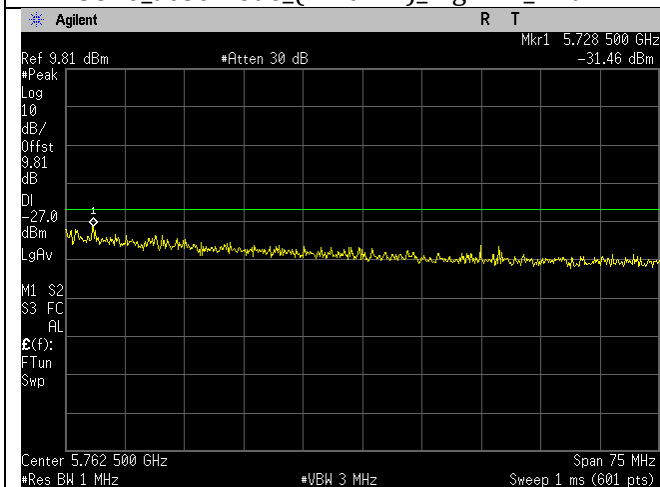
5530_ac80mode_low BE Peak Ant B



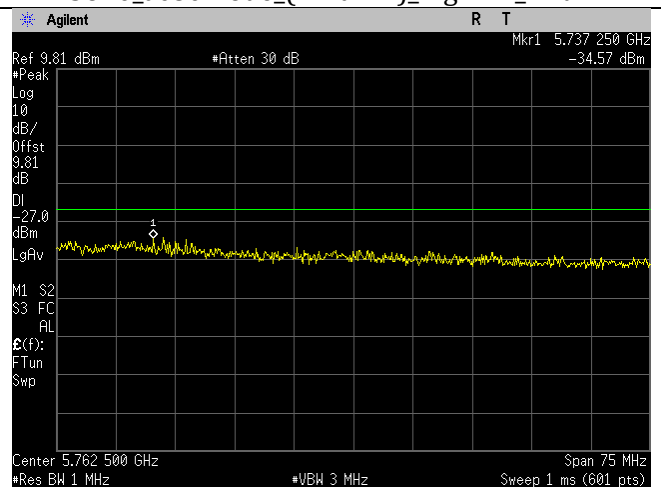
5610_ac80mode_(-27dBm)_high BE_Ant A



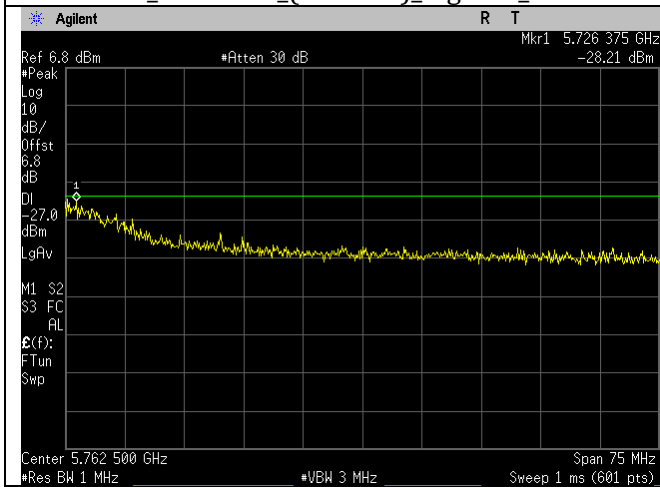
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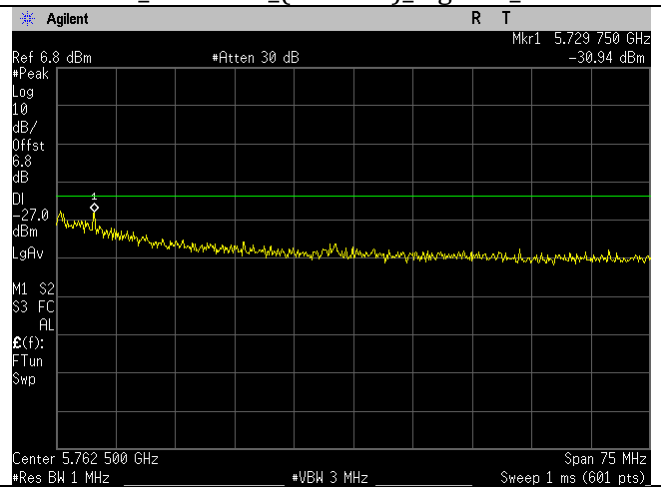
5670_n40mode_(-27dBm)_high BE_Ant A



5670_n40mode_(-27dBm)_high BE_Ant B



5700_a mode_(-27dBm)_high BE_Ant A



5700_a mode_(-27dBm)_high BE_Ant B

