

Annex G - Band Edges

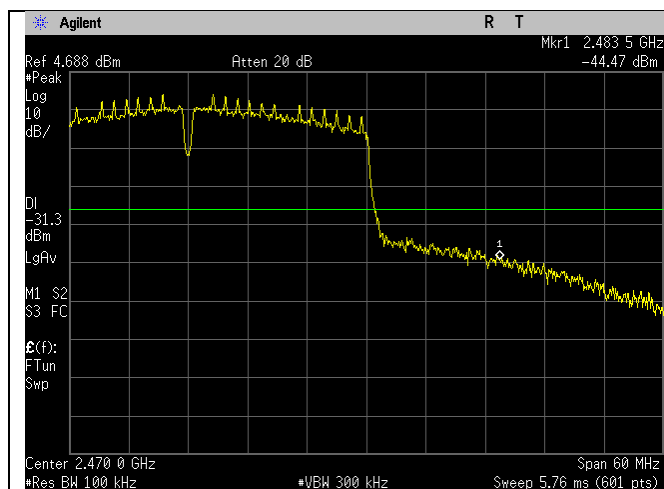
[Naming Convention]

Channel (Low, Mid, High)_Frequency (MHz)_Bandwidth (MHz)_Modulation_(b-mode, g-mode, n-mode, ac-mode, ax-mode)_Measurement (15.209, 20dBc)_Frequency Range (Lower Band Edge, Upper Band Edge)_Type (Peak, avg)_Port (1, 2)

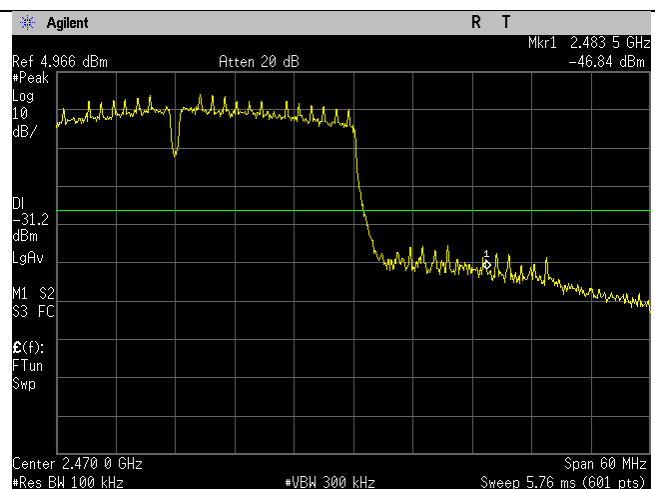
Note for 15.209 measurements: below measurements are in units of dBuV/m at 3meters. These measurements are performed conducted in lieu of radiated as permitted by ANSI C63.10-2013. The following formula was used in making such conversions:

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 $95.2 - 107 + \text{antenna gain}$.

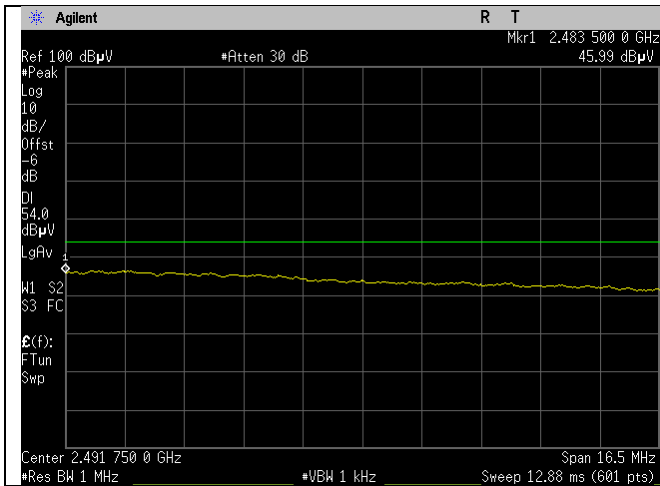
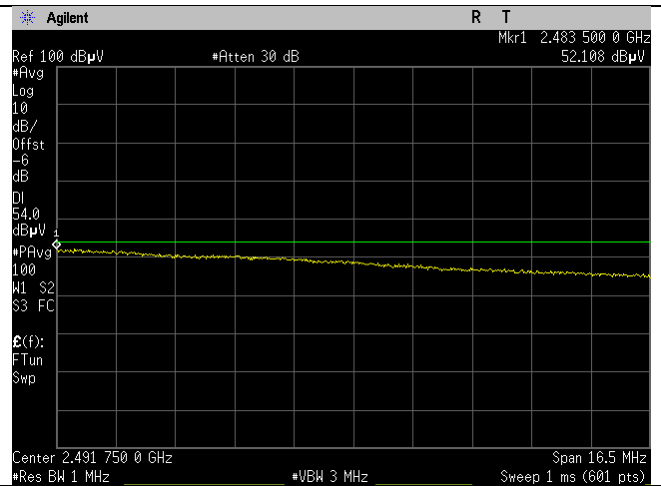
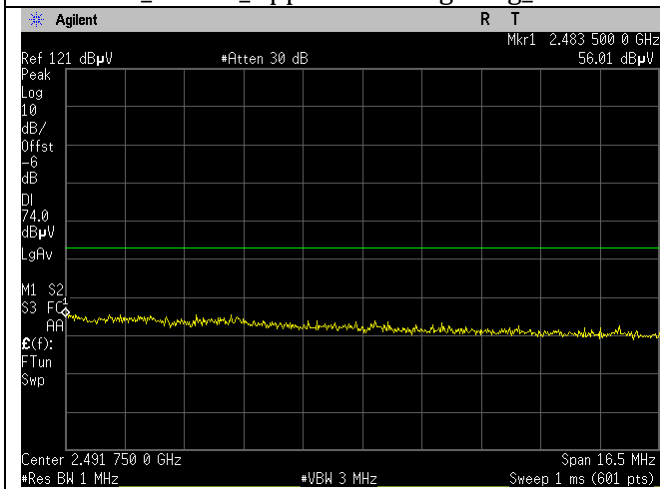
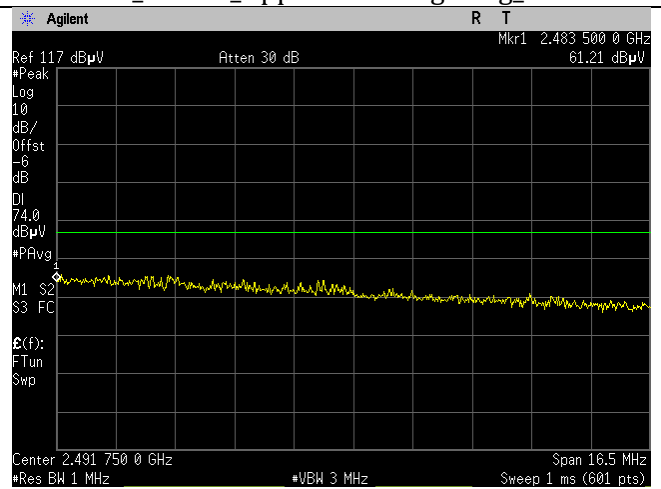
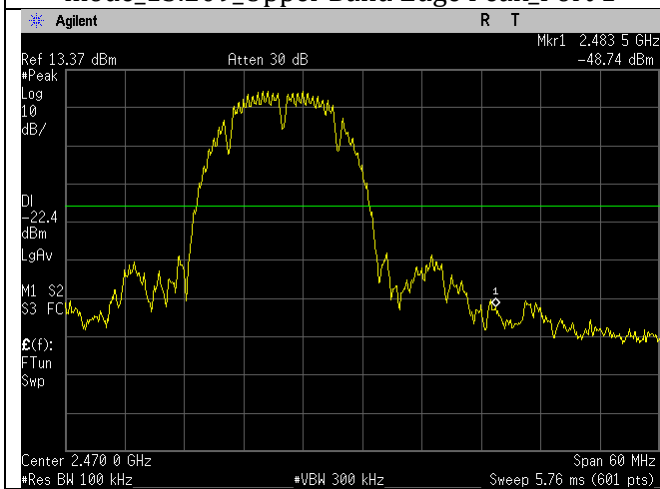
Below 1GHz: above is true in addition to adding ground plane contribution of 4.7dB. thus offset for dBuV/m at 3meters is $95.2 - 107 + 4.7 + \text{antenna gain}$.



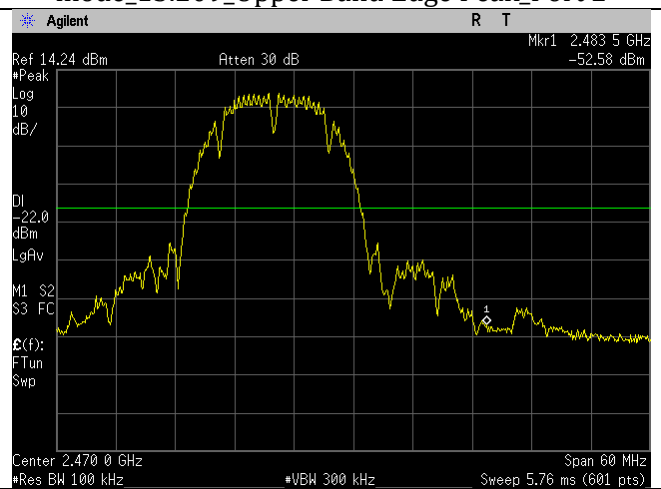
High Ch_2452MHz_40MHz BW_n-mode_-
20dBc_Upper Band Edge_Port 1



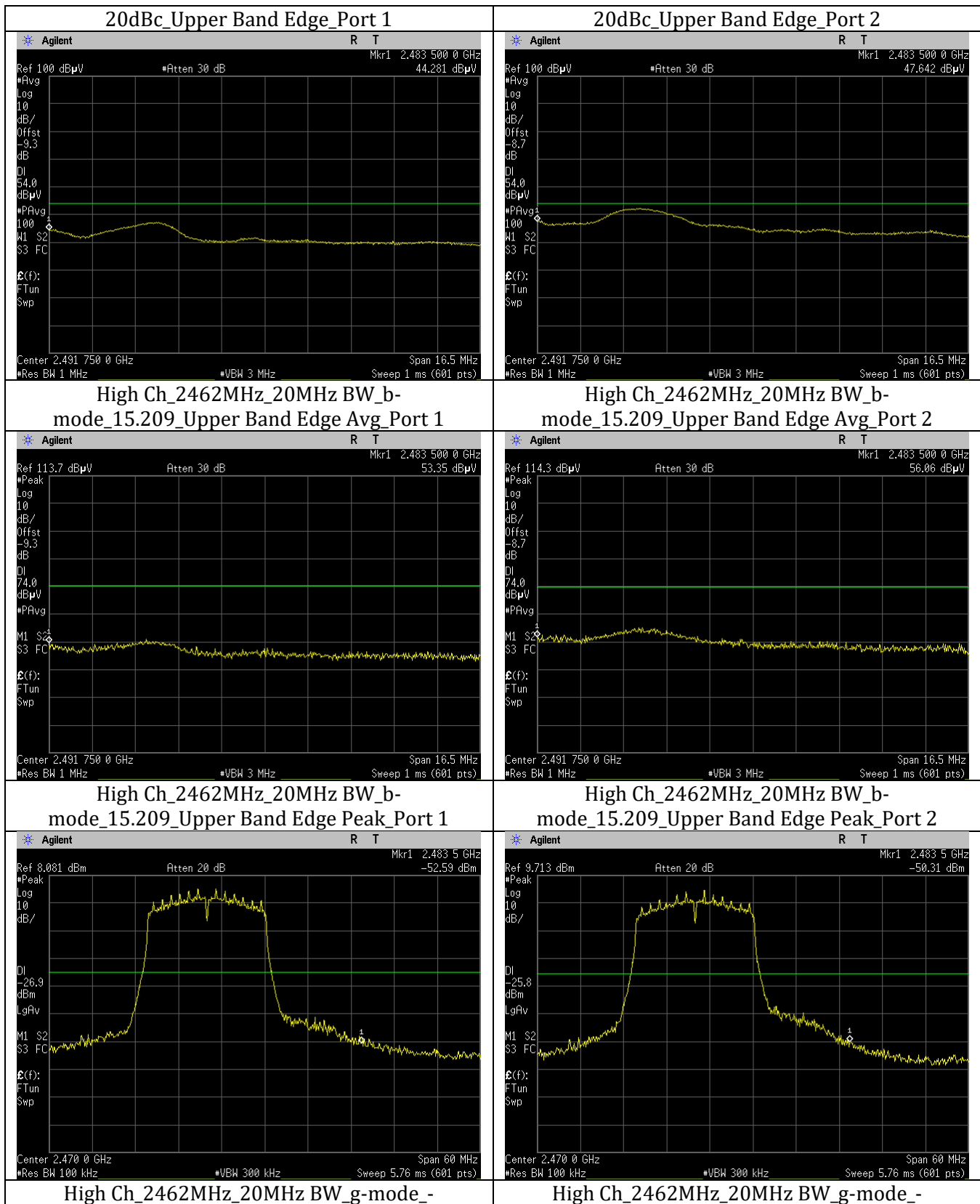
High Ch_2452MHz_40MHz BW_n-mode_-
20dBc_Upper Band Edge_Port 2

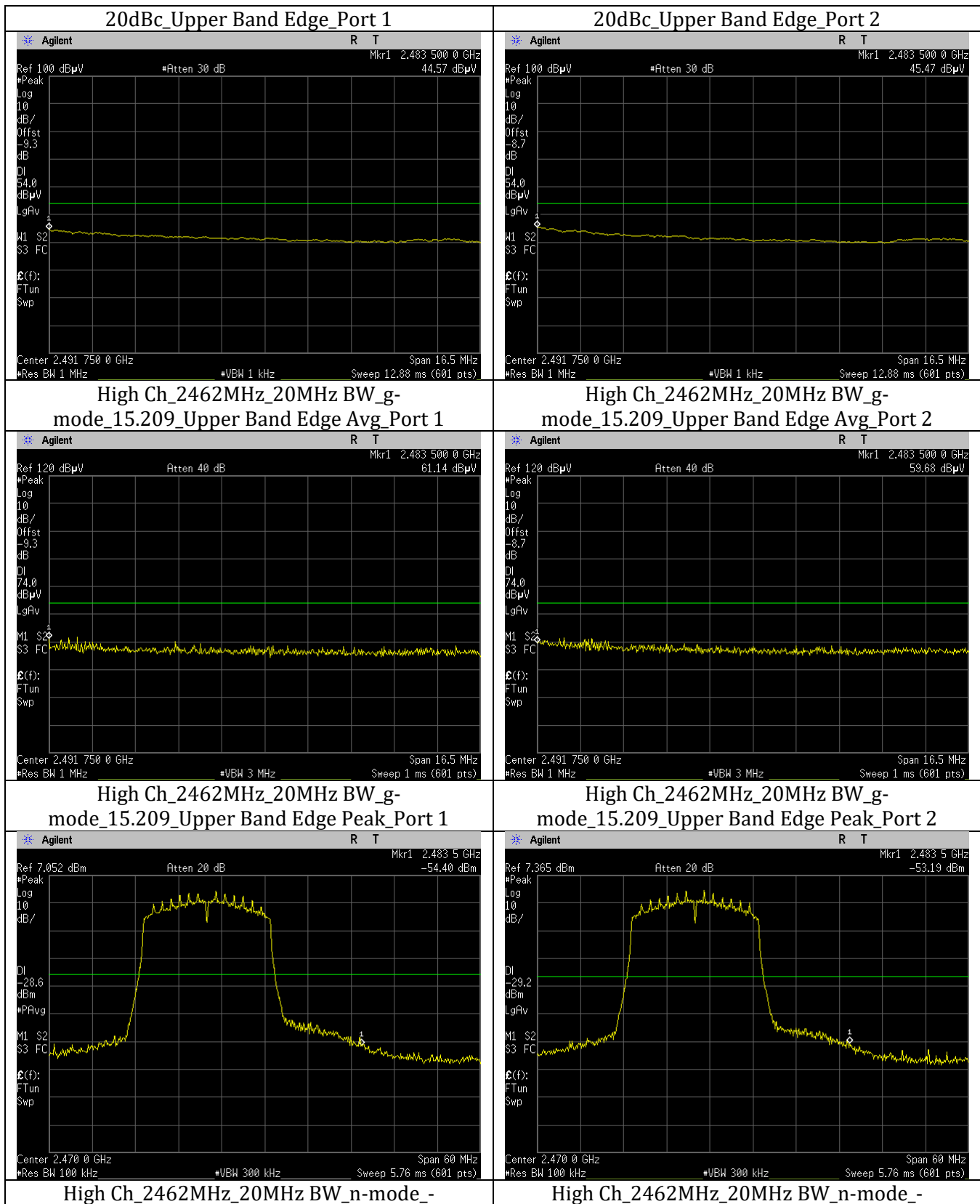
High Ch_2452MHz_40MHz BW_n-
mode_15.209_Upper Band Edge Avg_Port 1High Ch_2452MHz_40MHz BW_n-
mode_15.209_Upper Band Edge Avg_Port 2High Ch_2452MHz_40MHz BW_n-
mode_15.209_Upper Band Edge Peak_Port 1High Ch_2452MHz_40MHz BW_n-
mode_15.209_Upper Band Edge Peak_Port 2

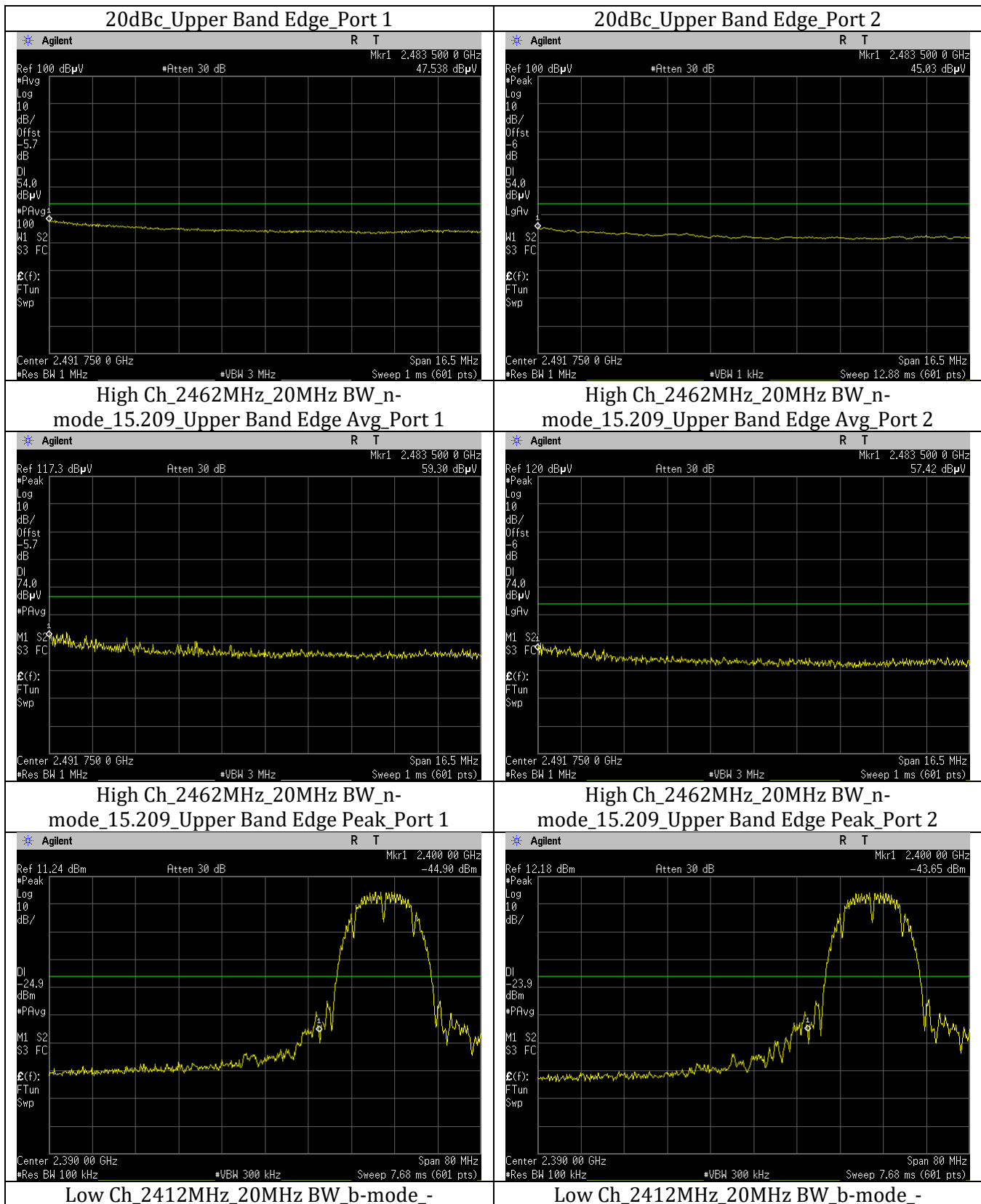
High Ch_2462MHz_20MHz BW_b-mode_-

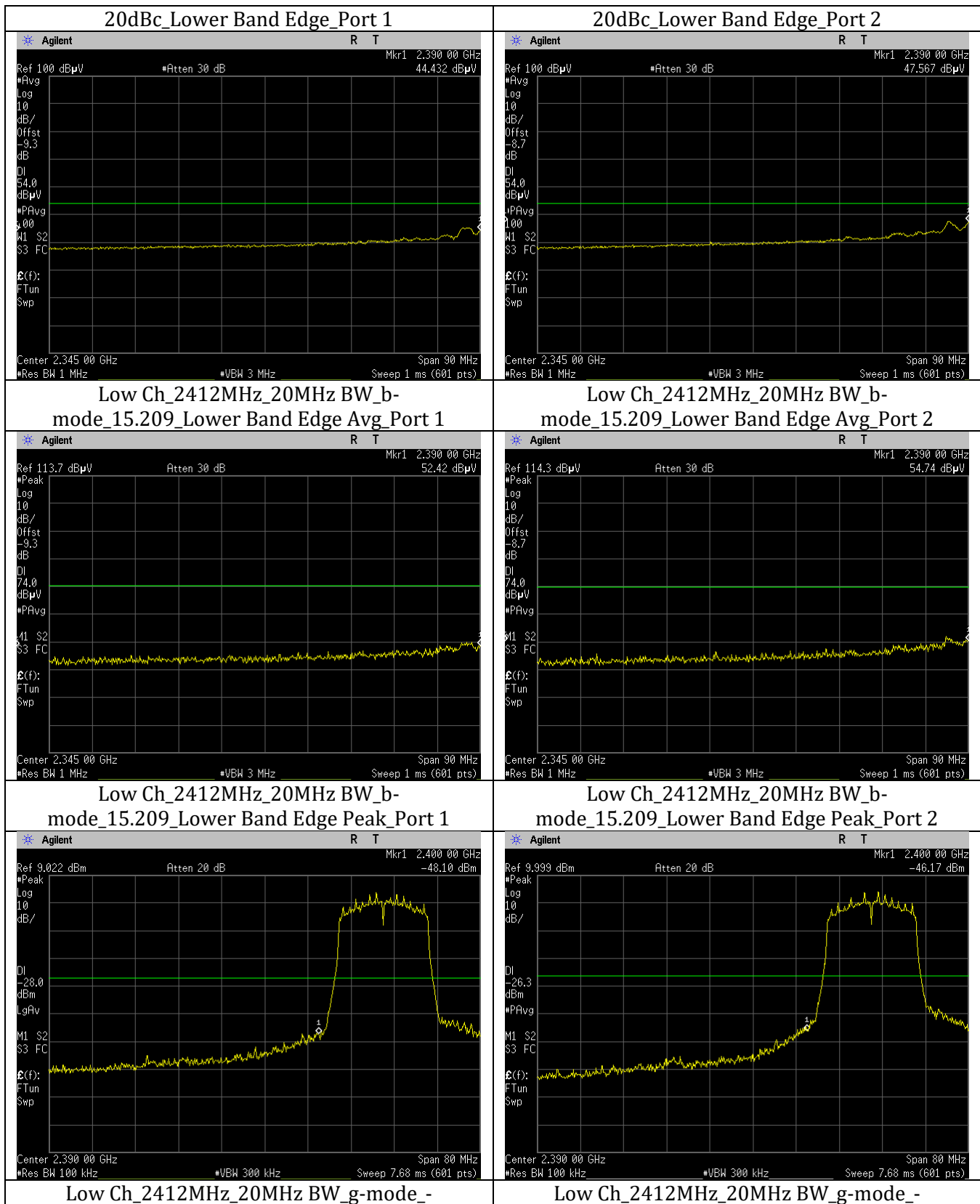


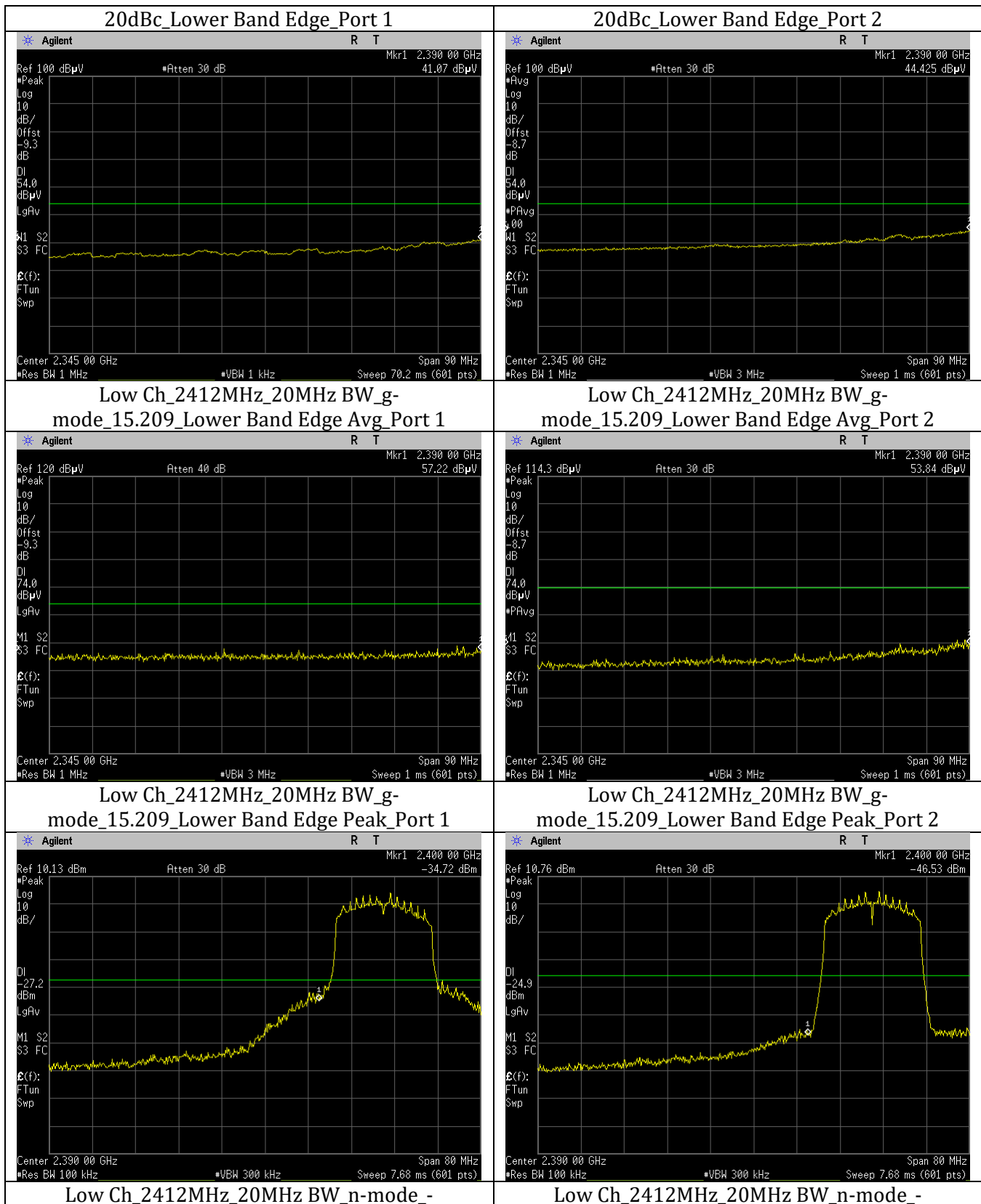
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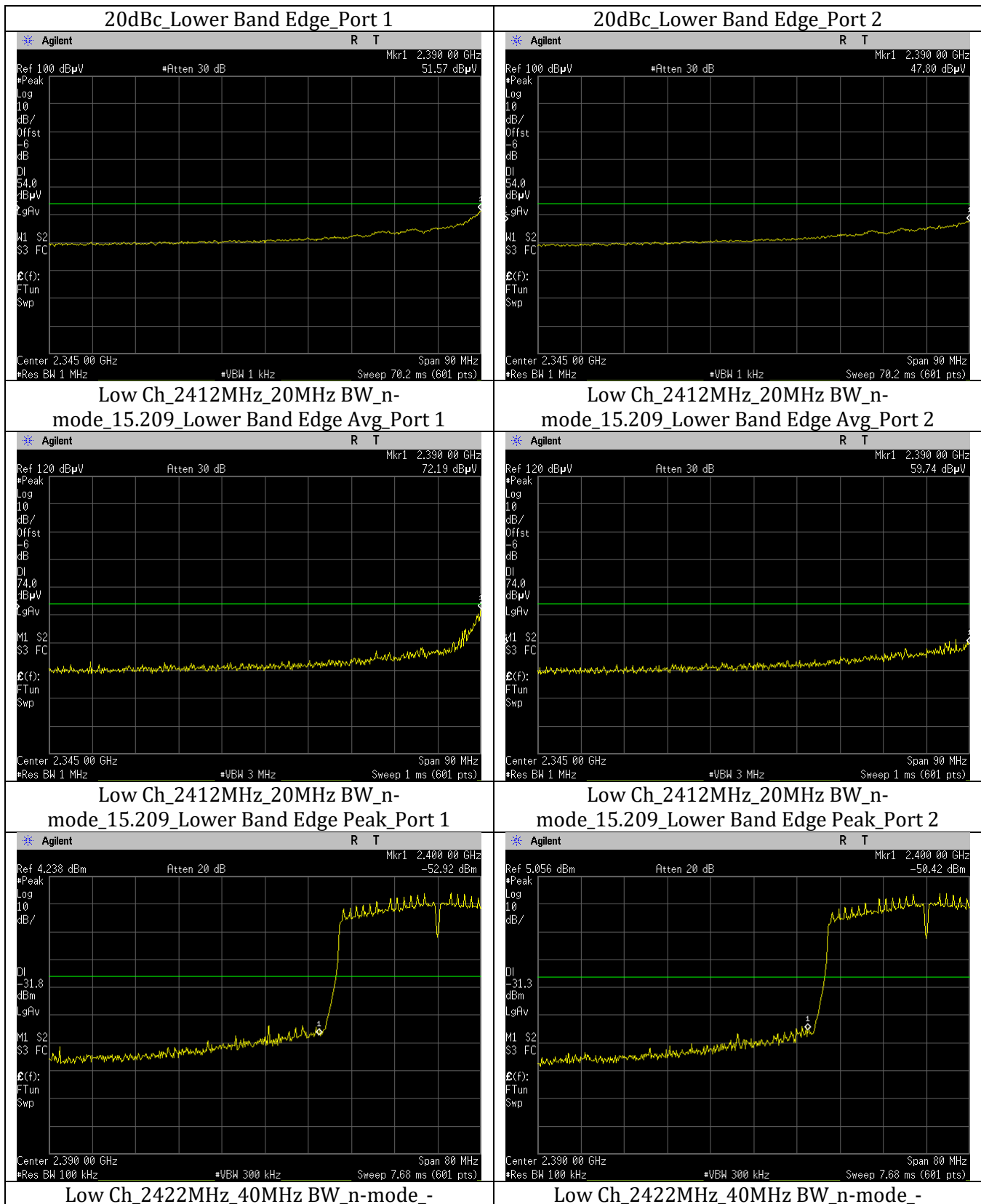


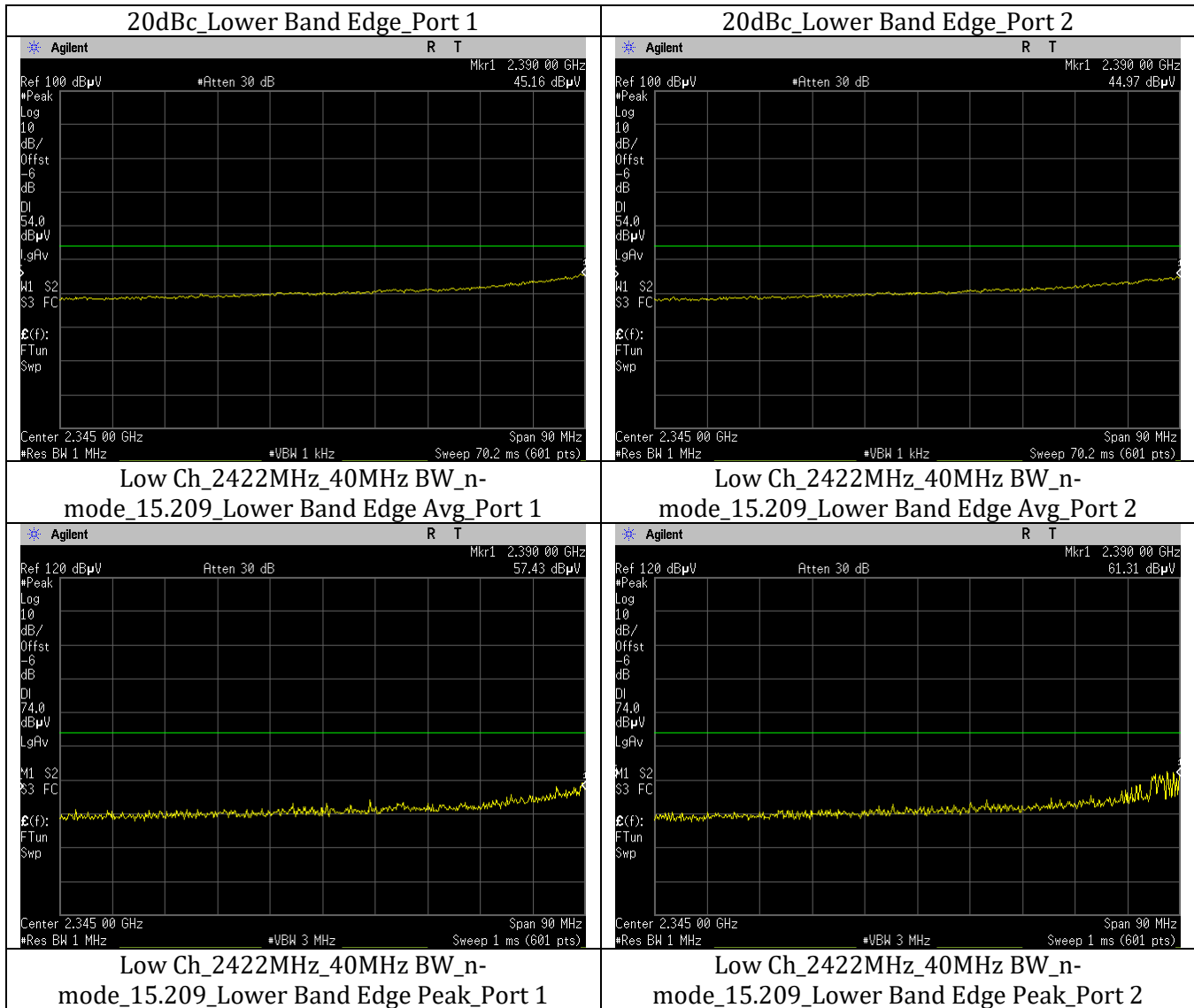


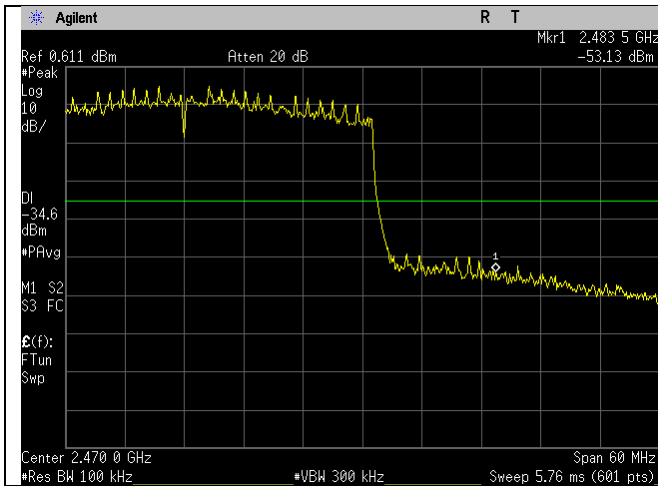




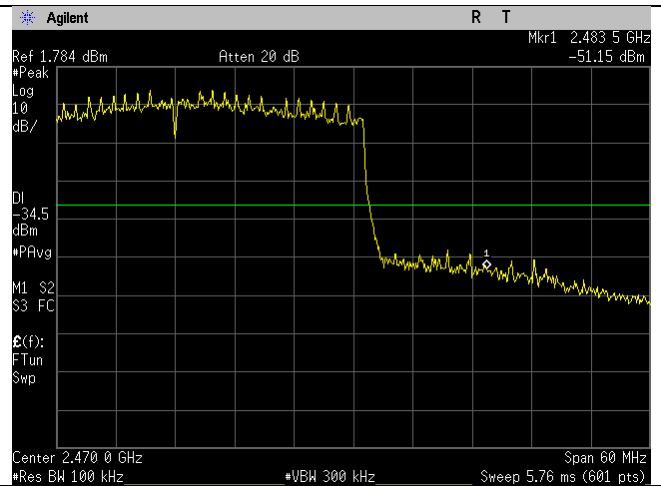




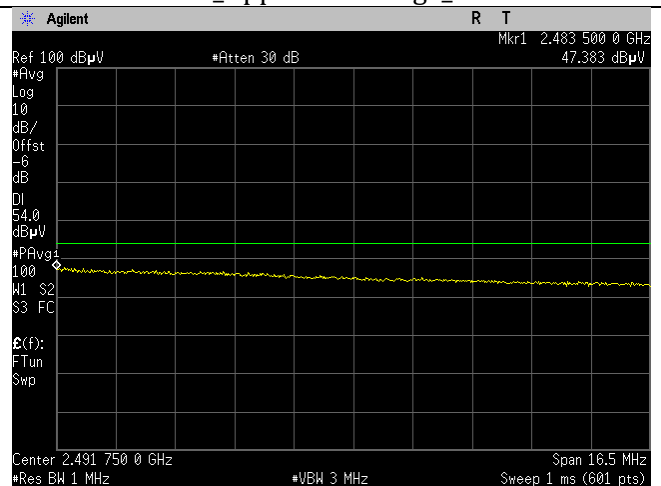




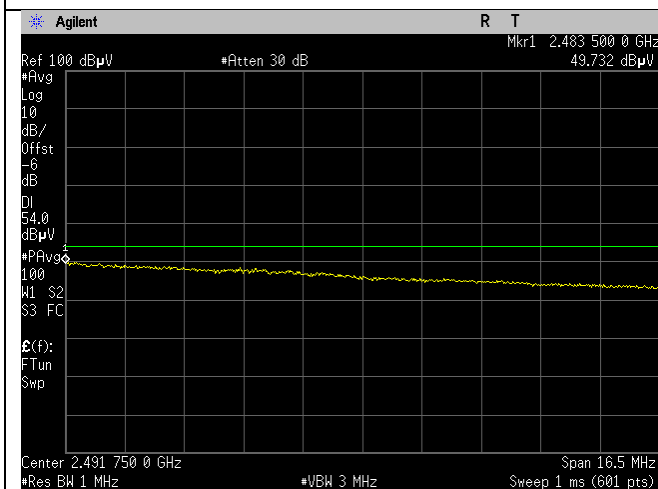
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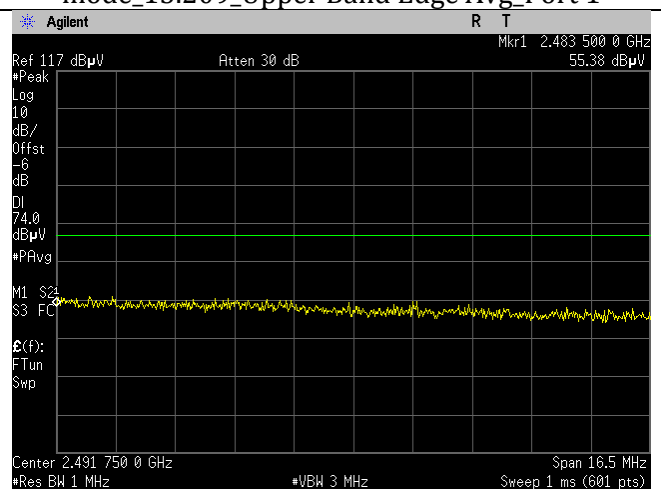
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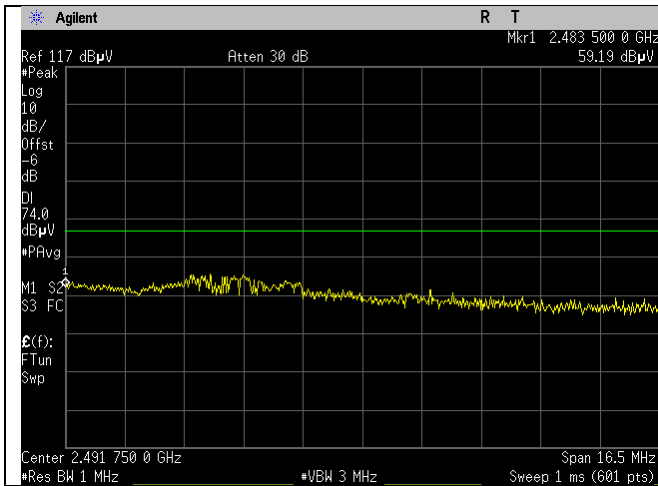
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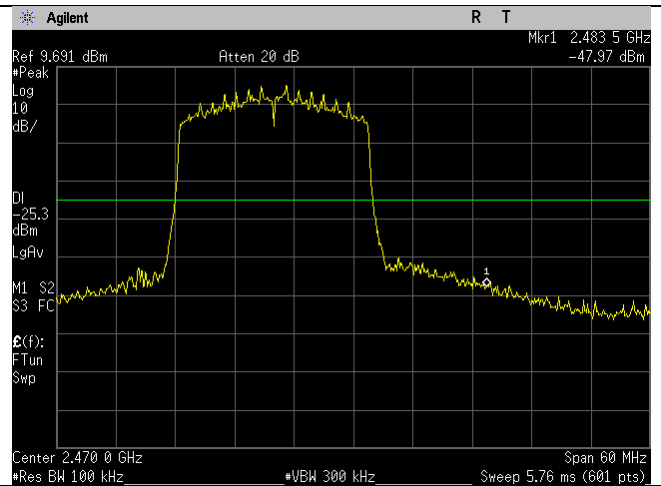
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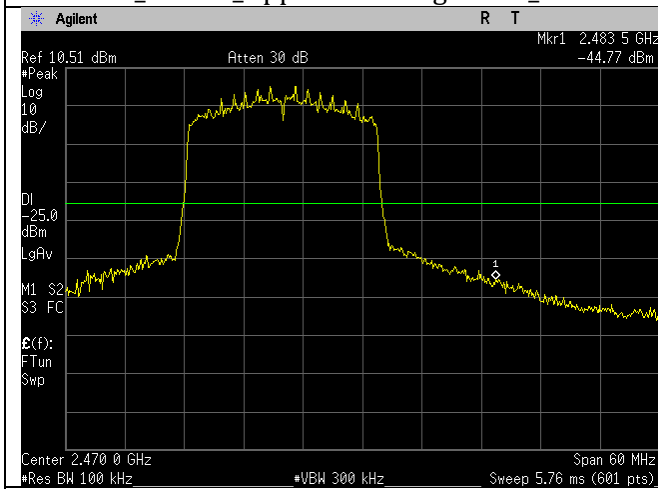
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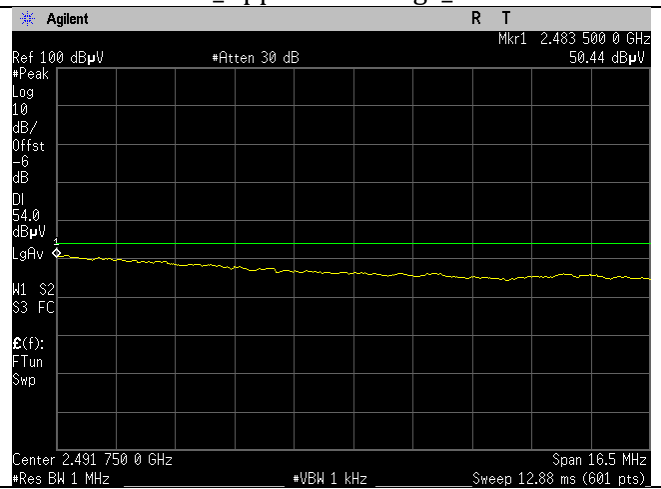
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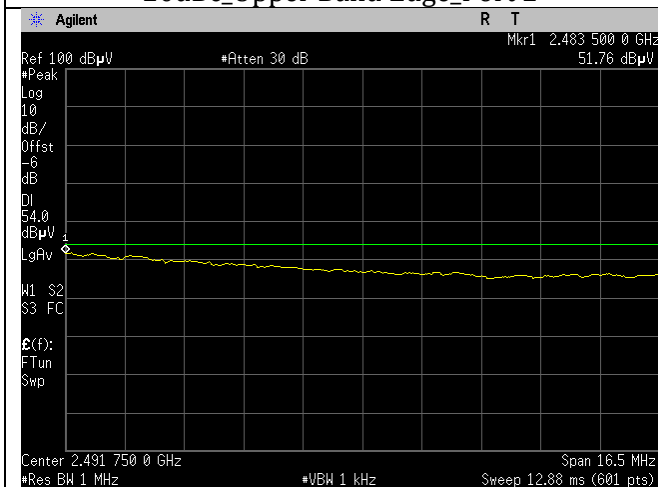
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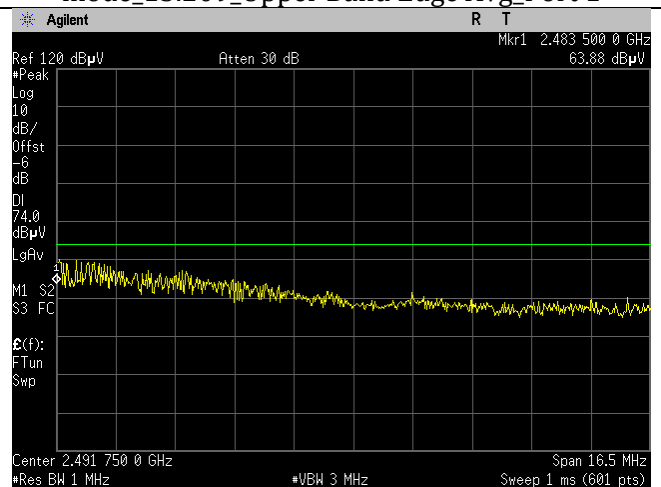
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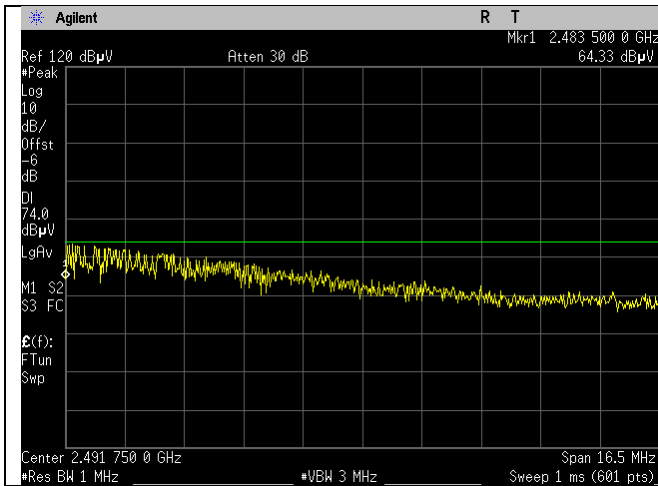
High Ch_2462MHz_20MHz BW_ax-mode_15.209_Upper Band Edge Avg_Port 1



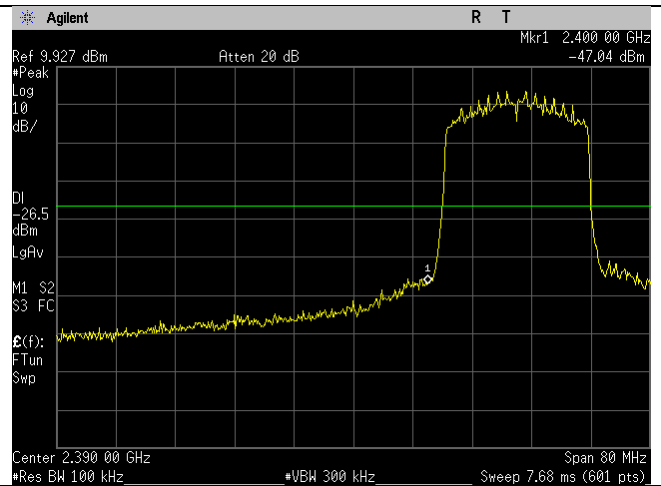
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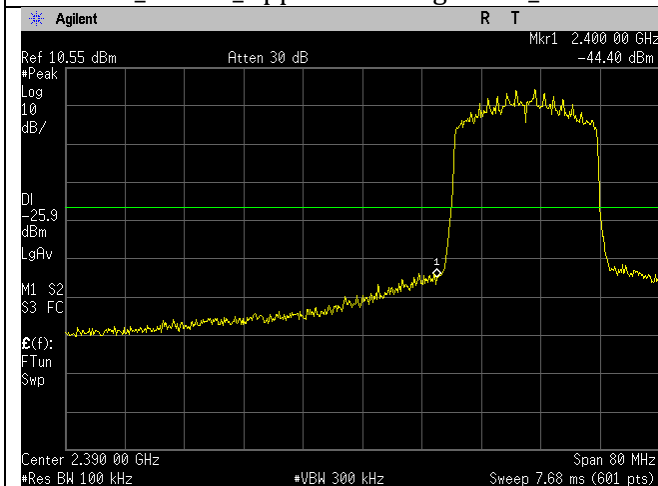
High Ch_2462MHz_20MHz BW_ax-mode_15.209_Upper Band Edge Peak_Port 1



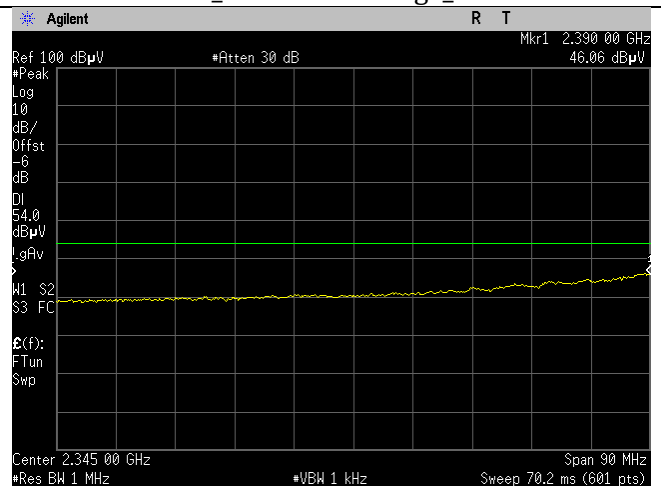
High Ch_2462MHz_20MHz BW_ax-mode_15.209_Upper Band Edge Peak_Port 2



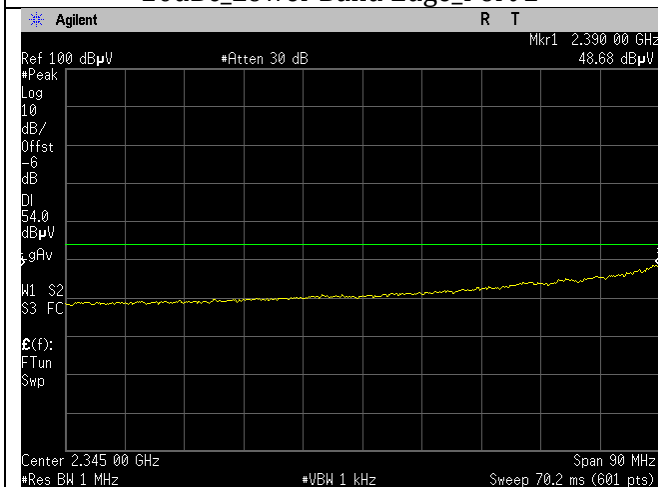
Low Ch_2412MHz_20MHz BW_ax-mode_-20dBc_Lower Band Edge_Port 1



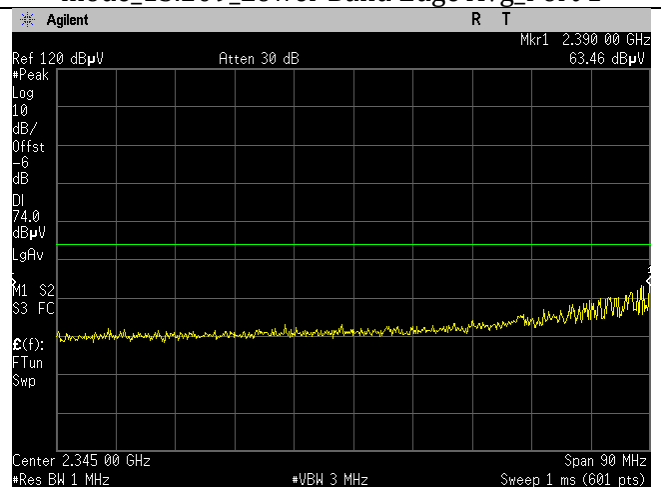
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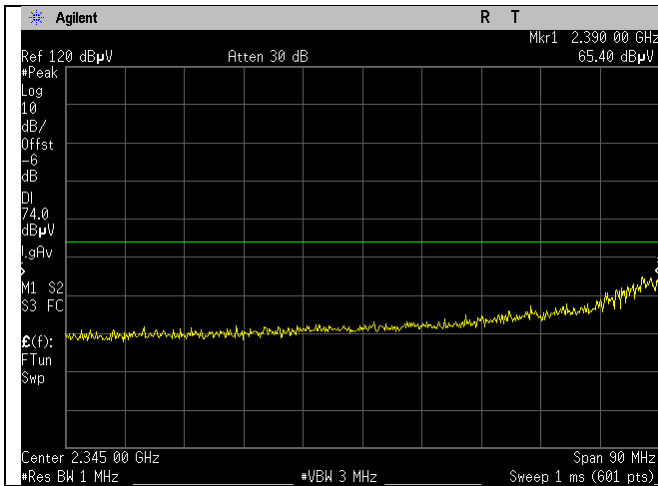
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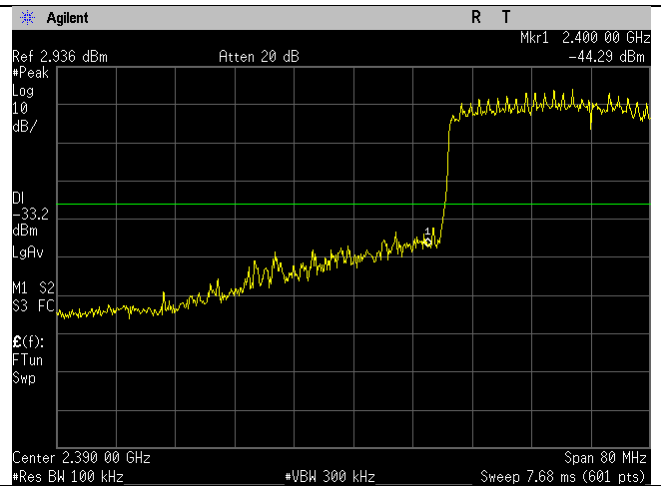
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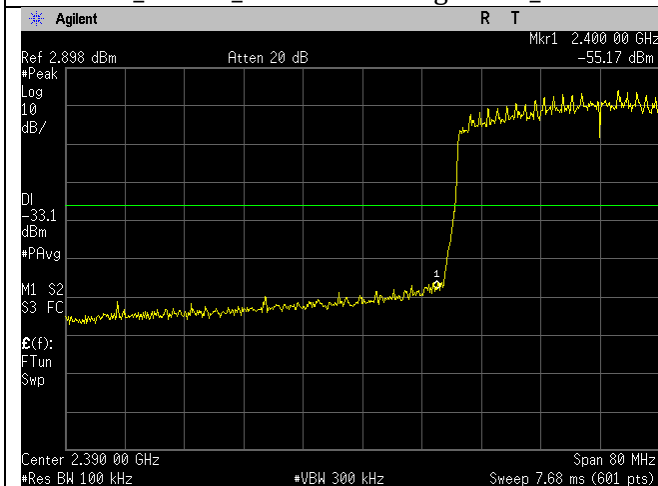
Low Ch_2412MHz_20MHz BW_ax-mode_15.209_Lower Band Edge Peak_Port 1



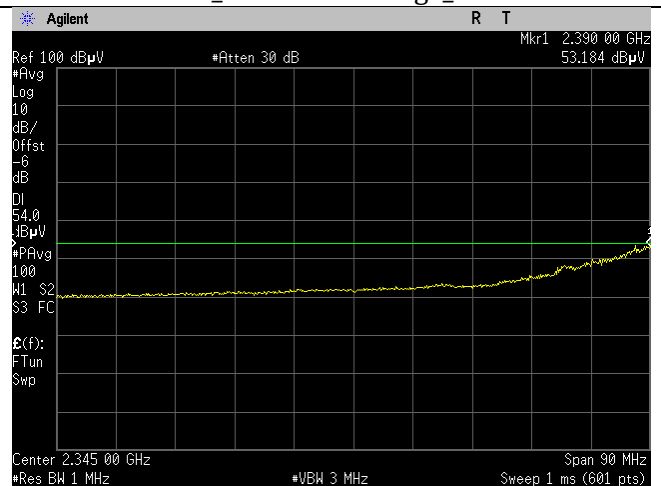
Low Ch_2412MHz_20MHz BW_ax-mode_15.209_Lower Band Edge Peak_Port 2



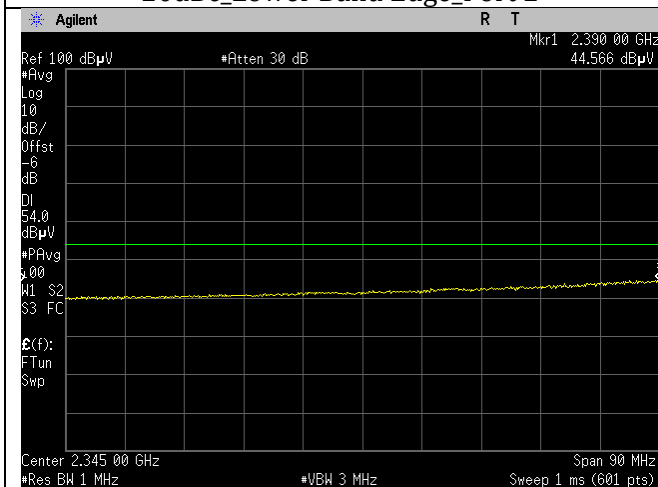
Low Ch_2422MHz_40MHz BW_ax-mode_-20dBc_Lower Band Edge_Port 1



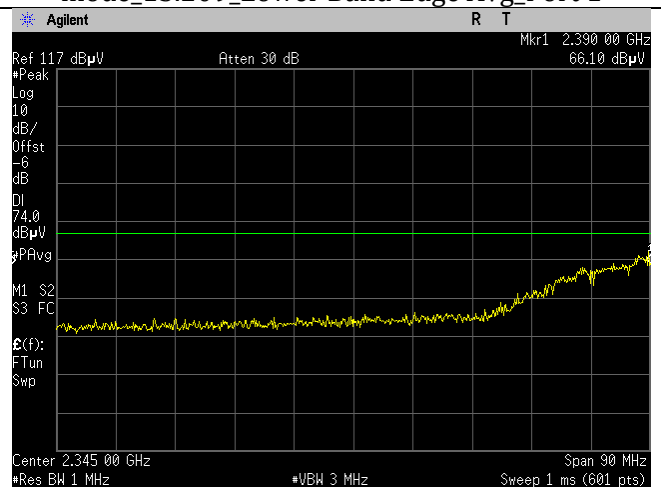
Low Ch_2422MHz_40MHz BW_ax-mode_-20dBc_Lower Band Edge_Port 2



Low Ch_2422MHz_40MHz BW_ax-mode_15.209_Lower Band Edge Avg_Port 1



Low Ch_2422MHz_40MHz BW_ax-mode_15.209_Lower Band Edge Avg_Port 2



Low Ch_2422MHz_40MHz BW_ax-mode_15.209_Lower Band Edge Peak_Port 1

