



# **Annex C**

## **Undesireable Emissions**

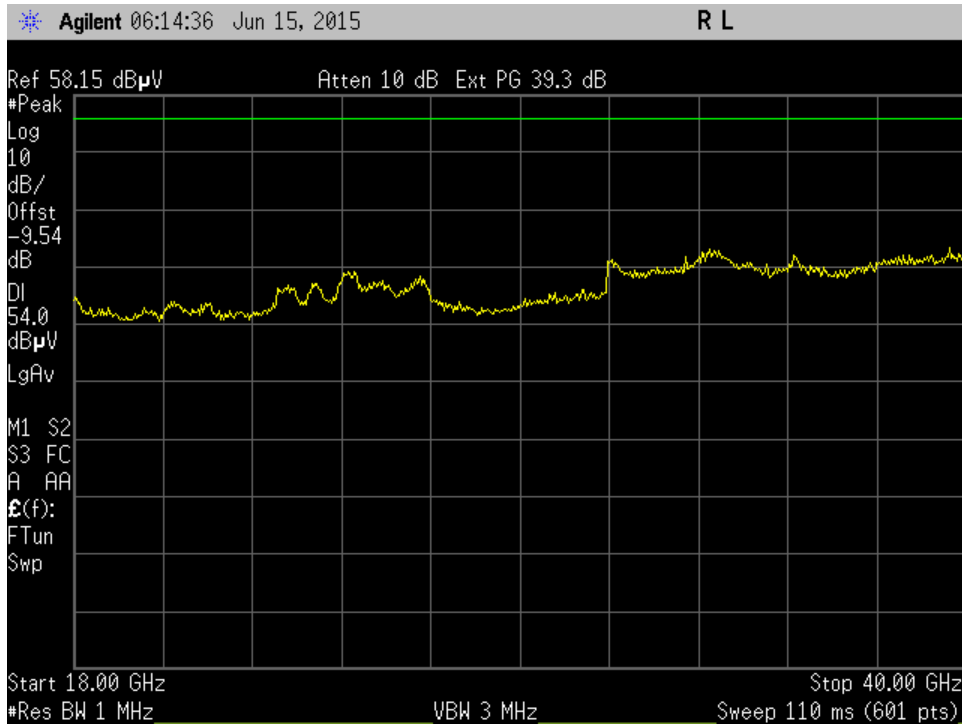
### **Radiated**

**Annex C Notes:**

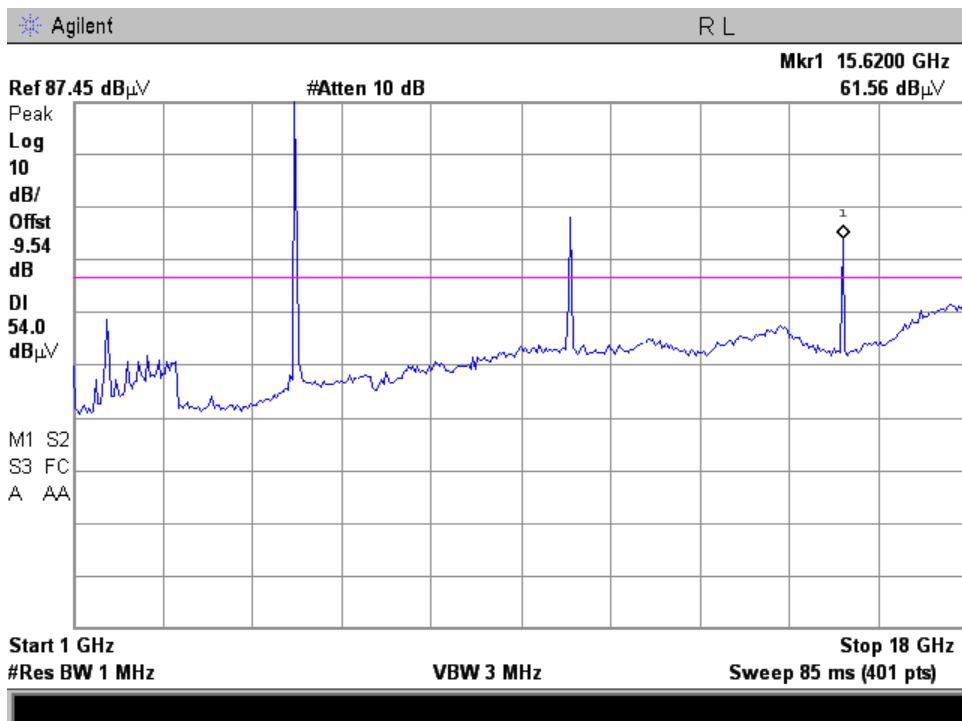
1. The emissions that are over the limit in the 30 – 1000 MHz plots are from digital circuitry and not the transmitter, therefor these emissions only need to meet the -27 dBm/MHz general emission requirements.
2. Throughout Annex C, for all plots above 1 GHz, other than the fundamental transmitter frequency, for any peak emission over the restricted band average limit was examined with an average detector and additional plots were supplied.



### 10 MHz mid ch 18 - 40 GHz

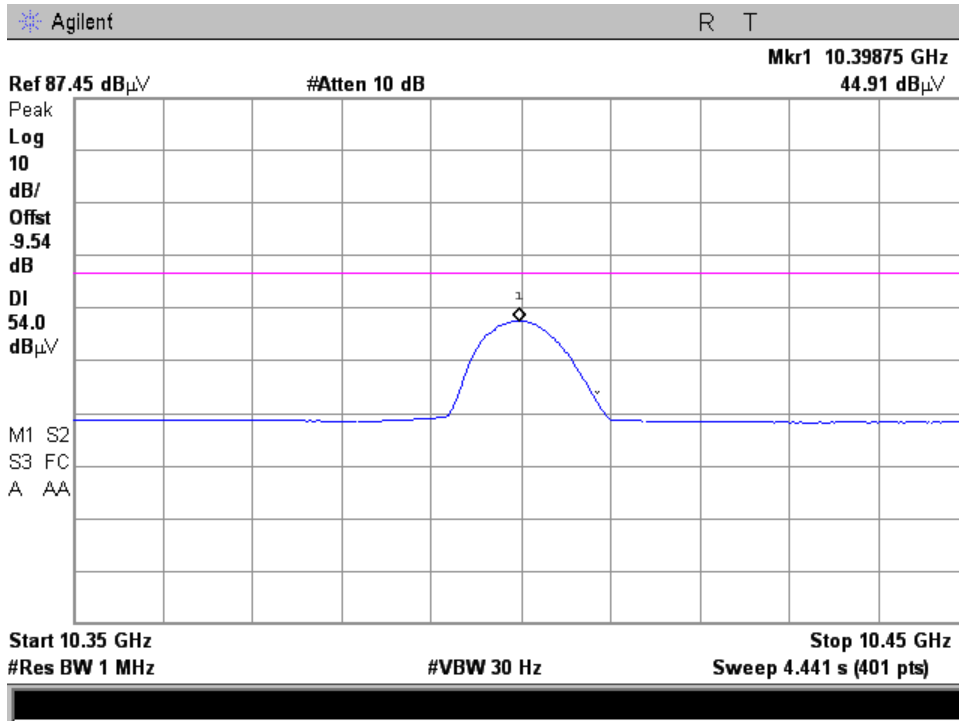


### 10MHz mid 1-18GHz

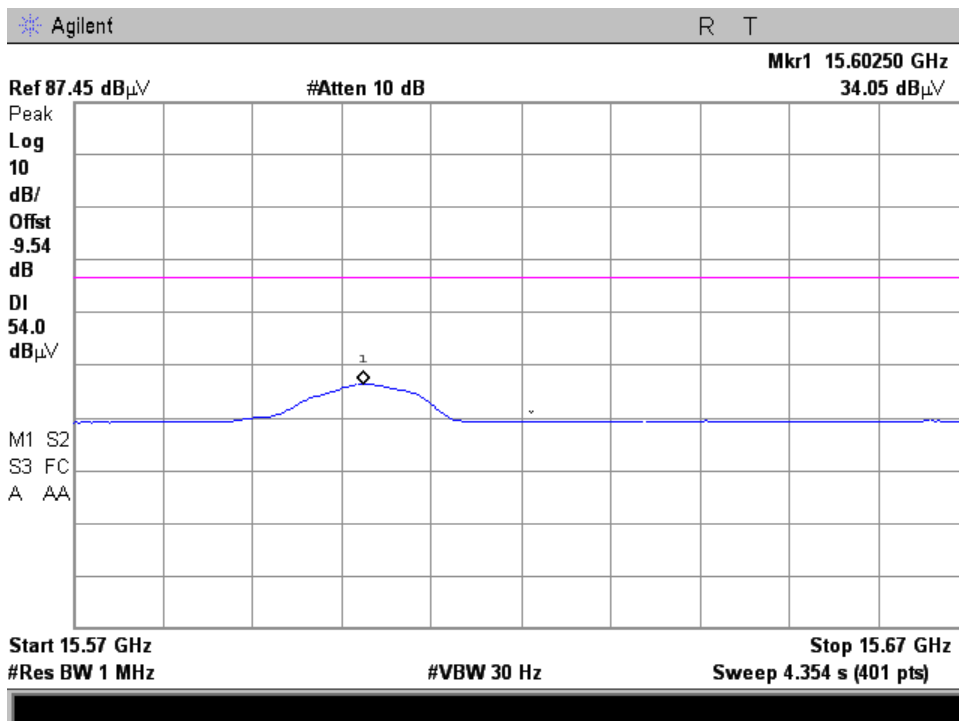




### 10MHz mid 2nd harmonic

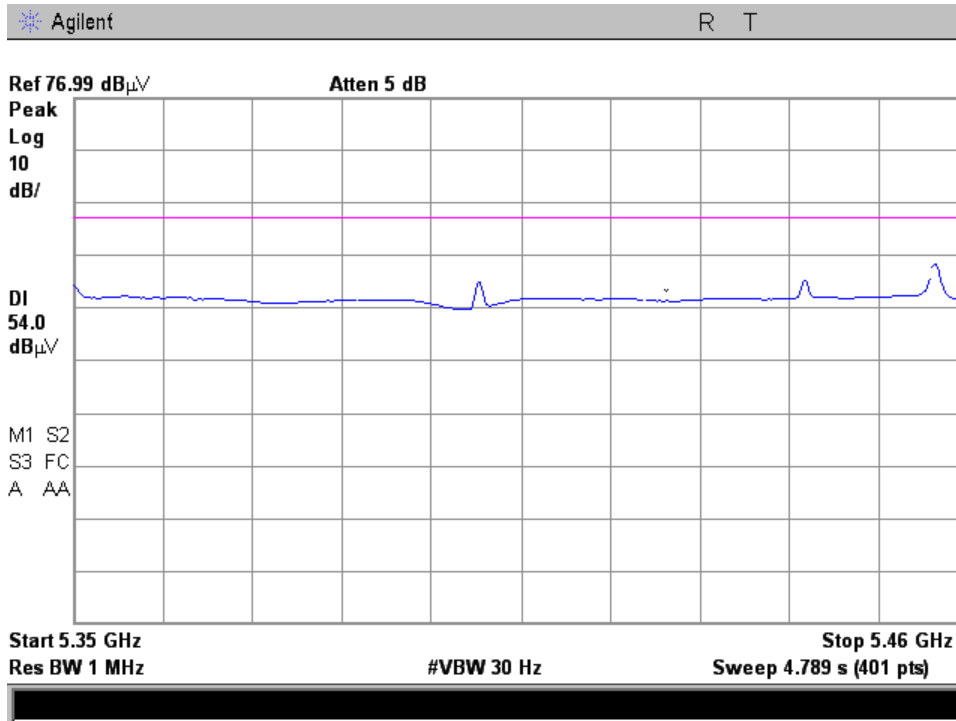


### 10MHz mid 3rd harmonic

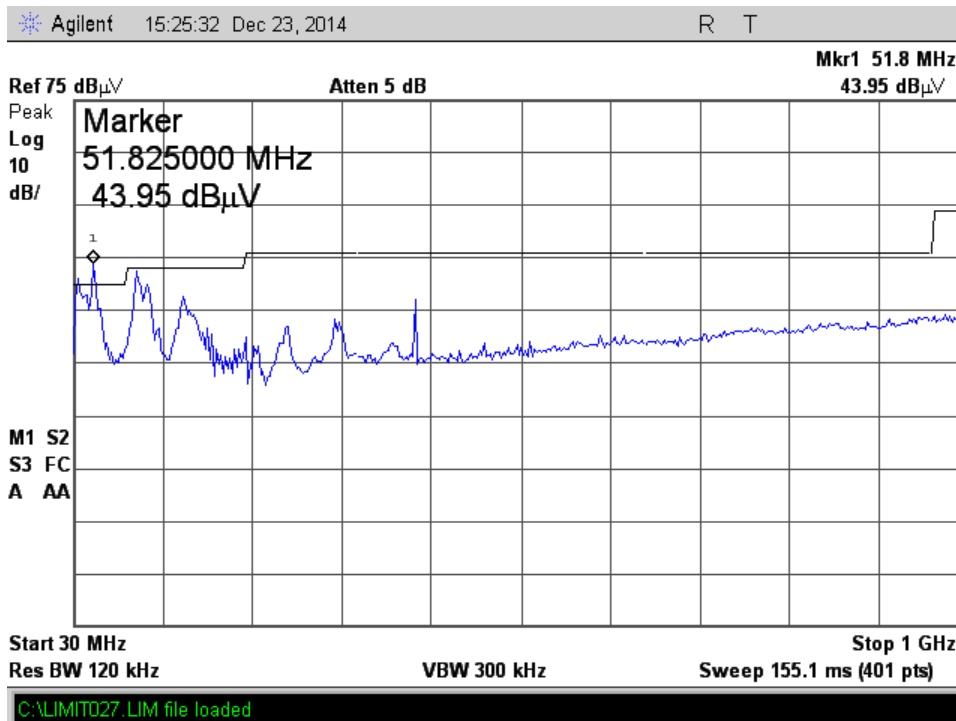




### 10MHz mid 5.35GHz-5.46GHz

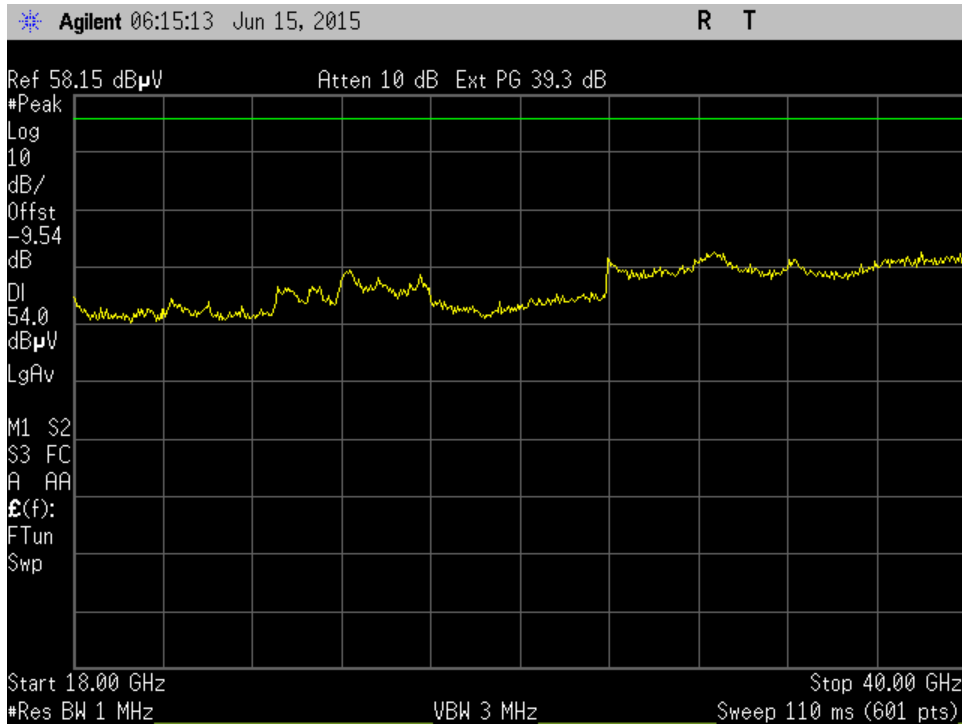


### 10MHz mid ch 30-1GHz peak below average

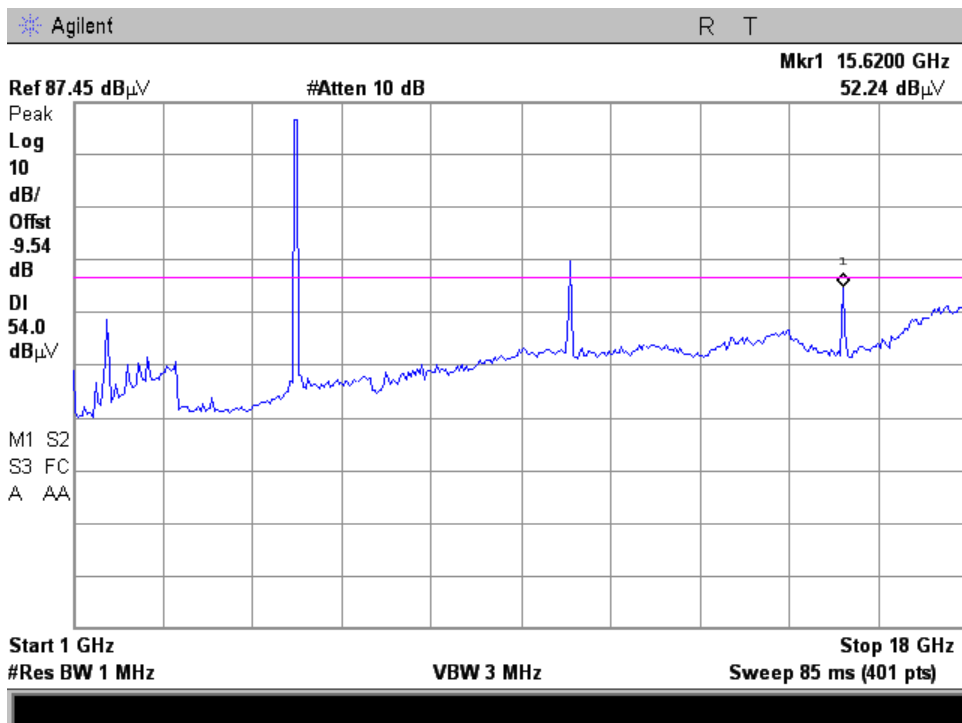




### 20 MHz mid ch 18 - 40 GHz

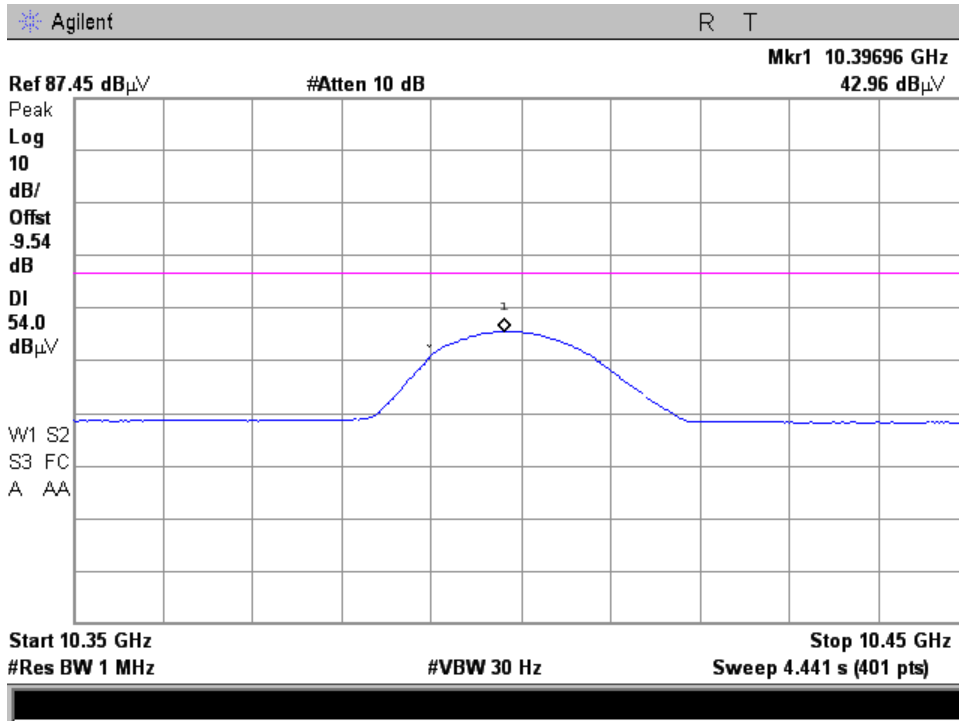


### 20MHz mid 1-18GHz

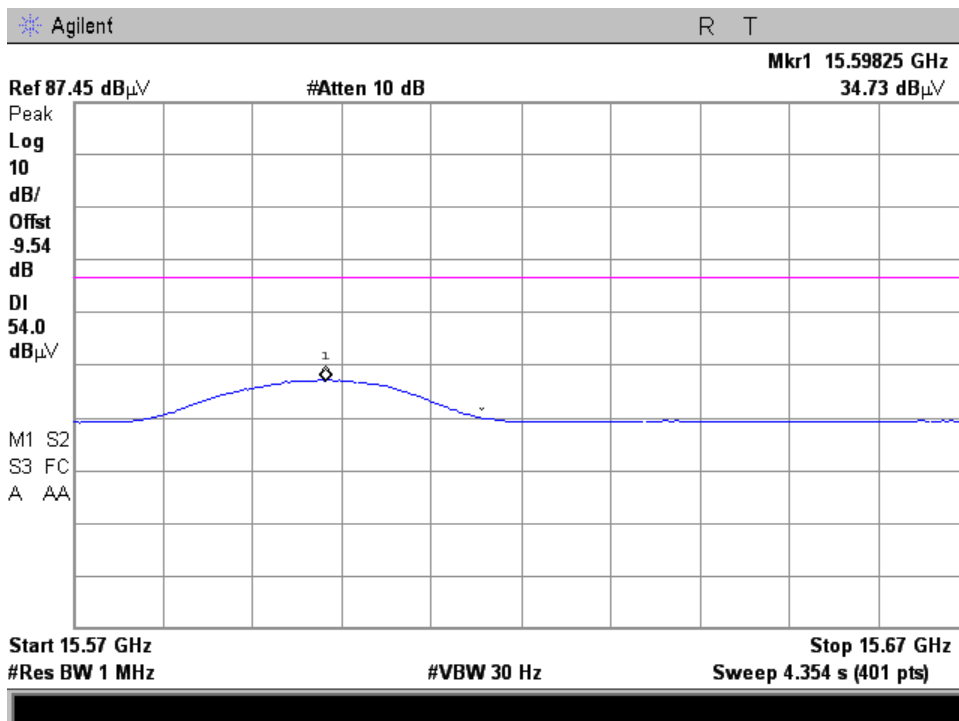




### 20MHz mid 2nd harmonic

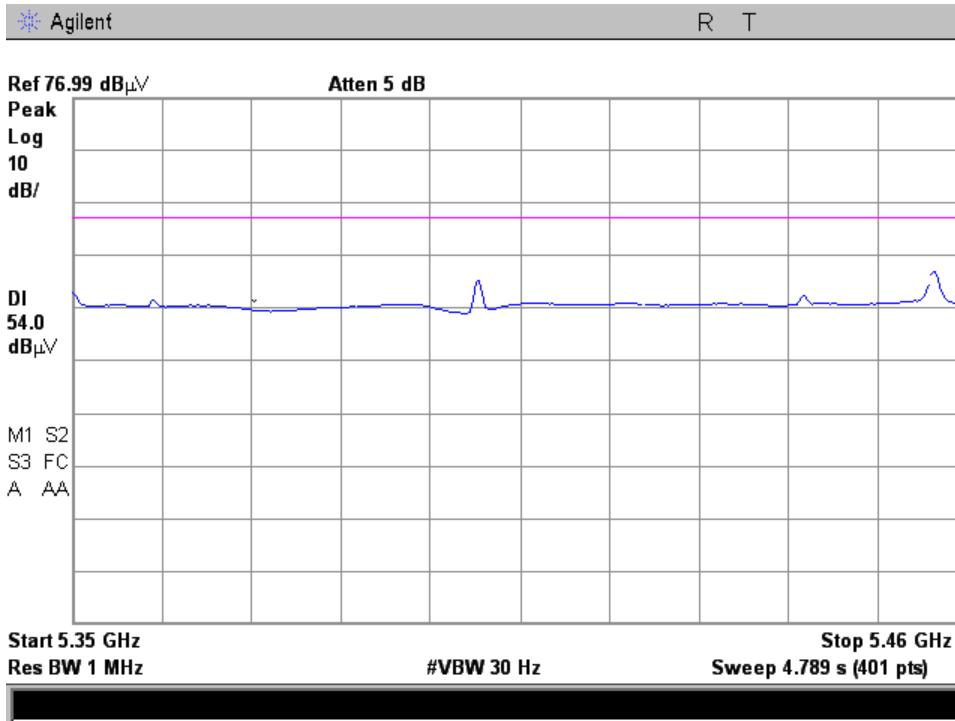


### 20MHz mid 3rd harmonic

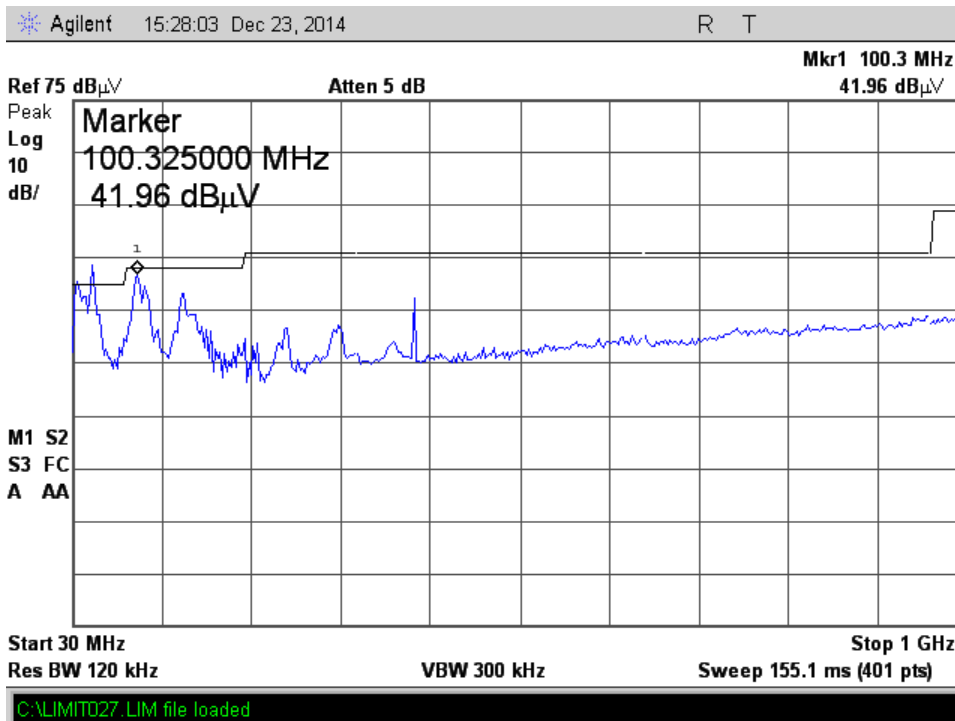




**20MHz mid 5.35GHz-5.46GHz**

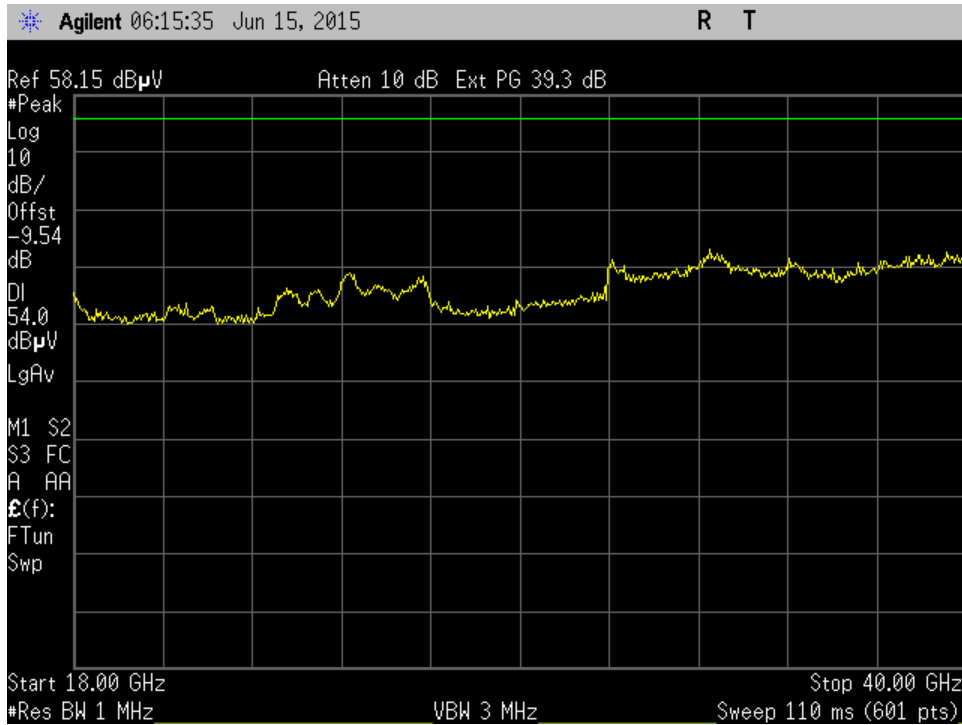


**20MHz mid ch 30-1GHz peak below average**

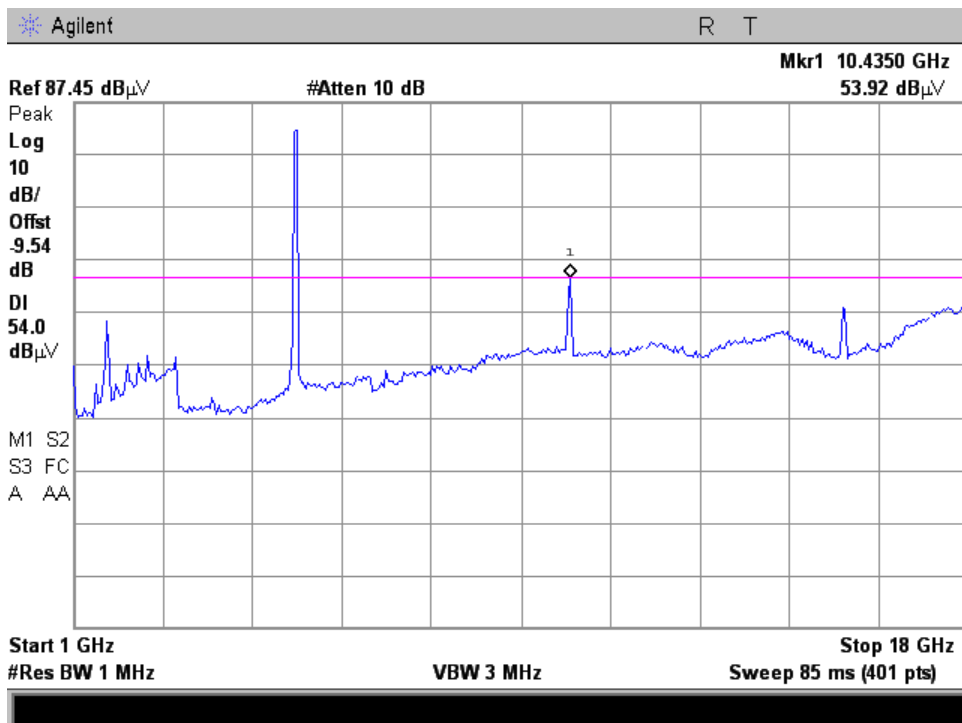




### 30 MHz mid ch 18 - 40 GHz



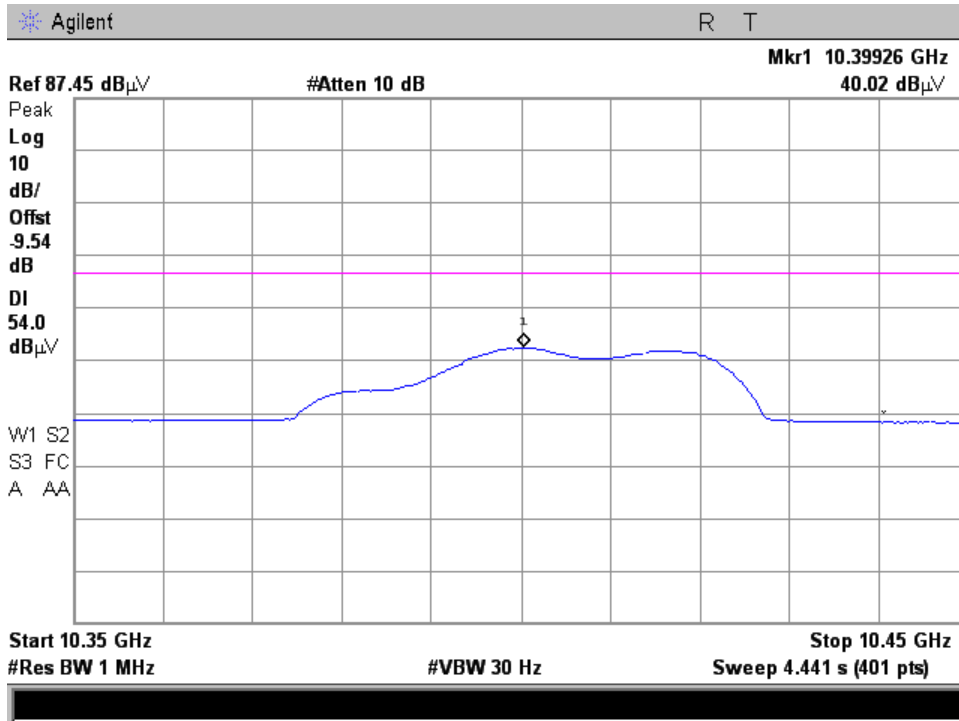
### 30MHz mid 1-18GHz



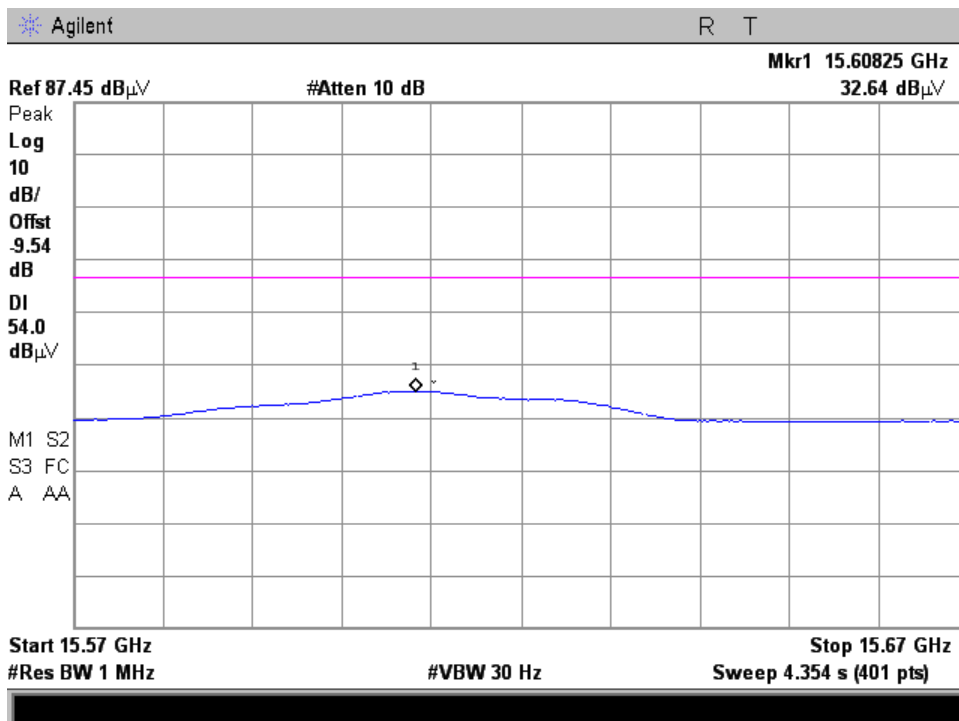




### 30MHz mid 2nd harmonic

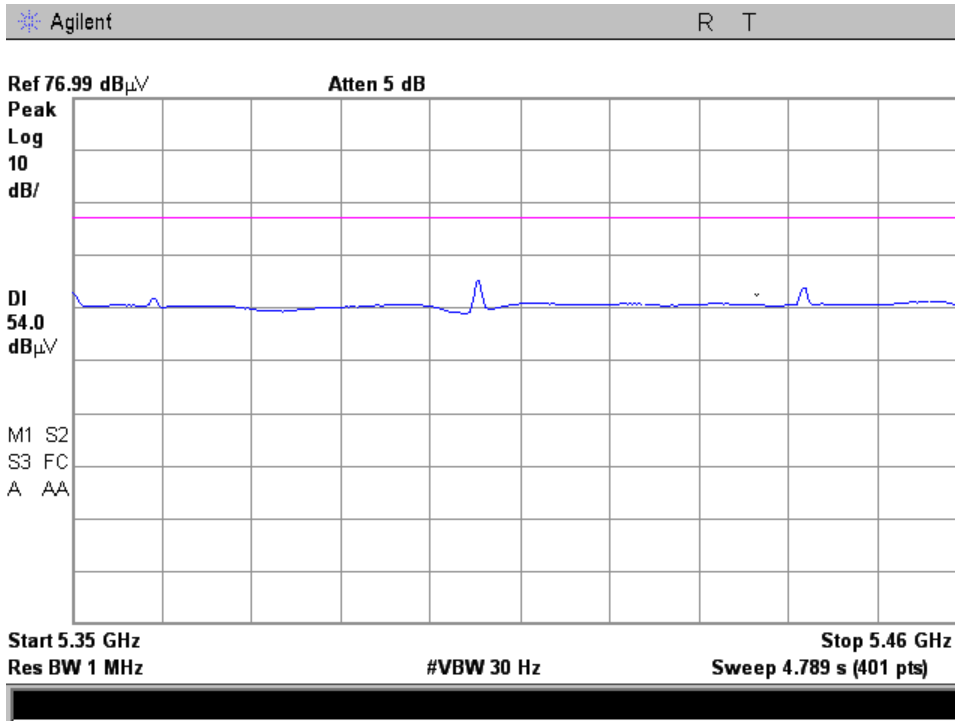


### 30MHz mid 3rd harmonic

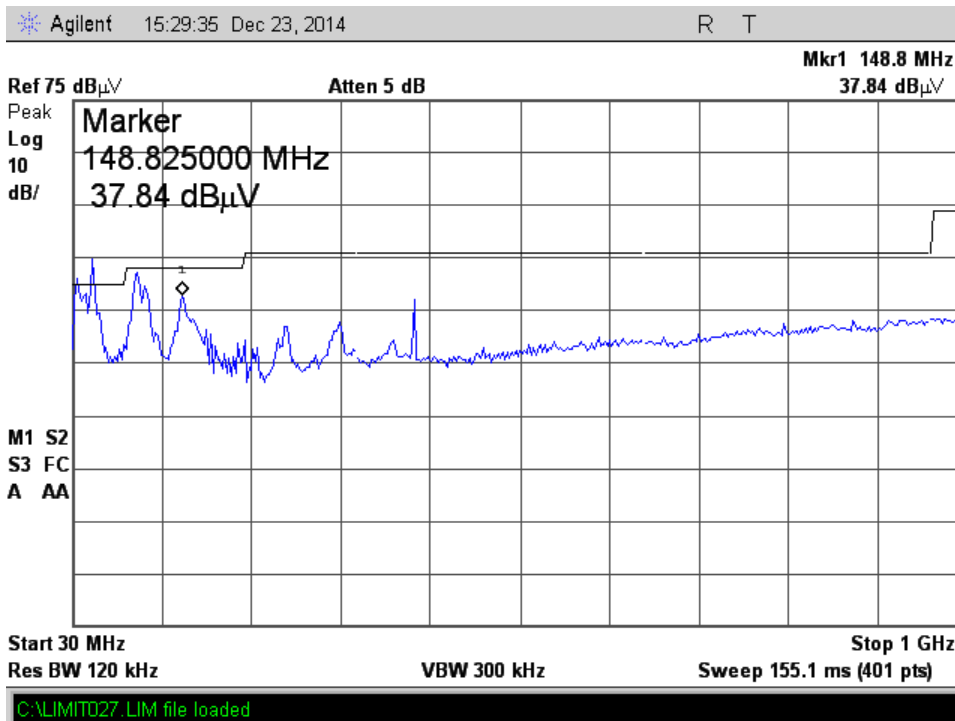




### 30MHz mid 5.35GHz-5.46GHz

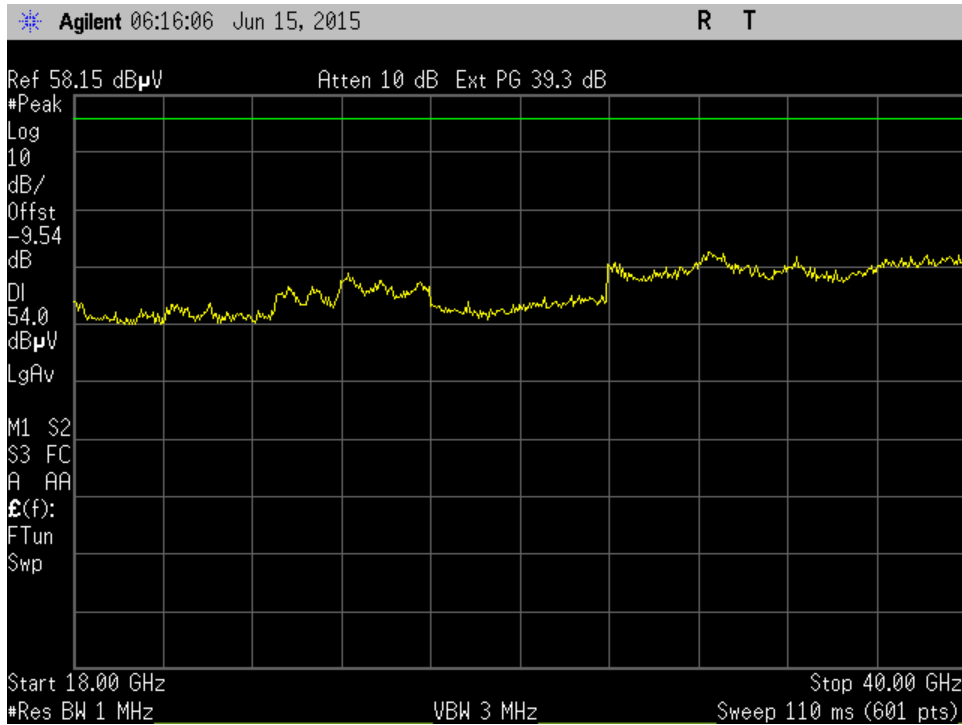


### 30MHz mid ch 30-1GHz peak below average

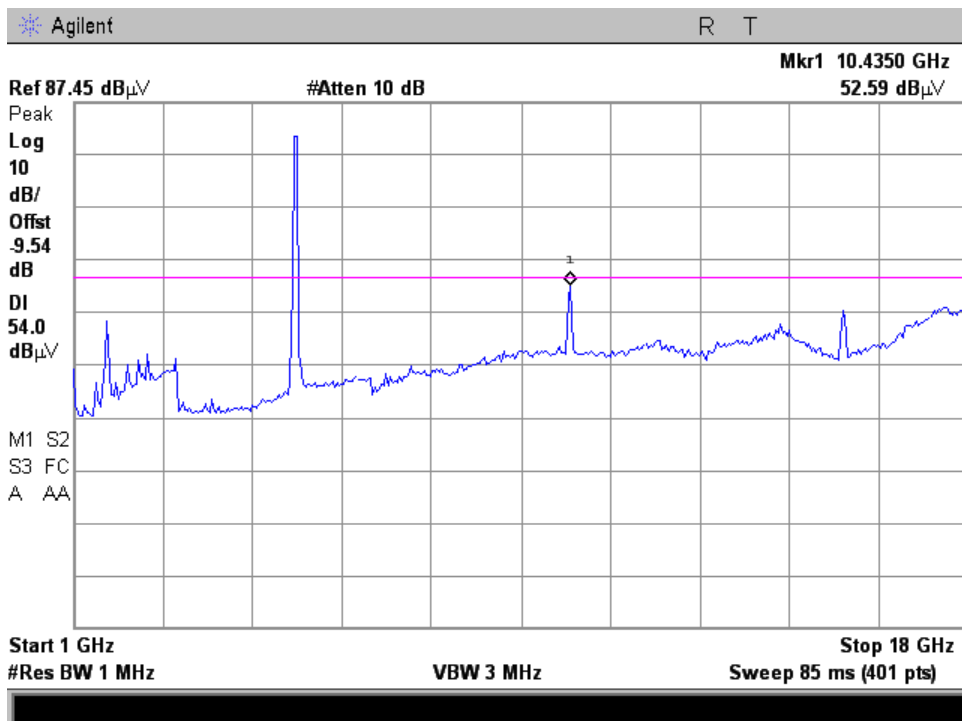




### 40 MHz mid ch 18 - 40 GHz

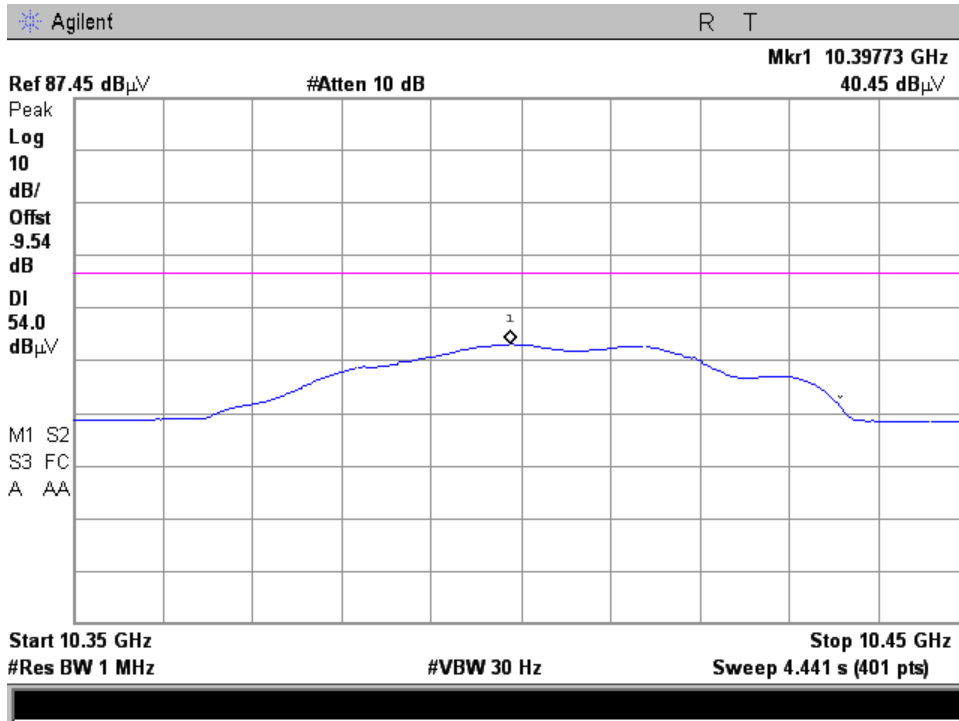


### 40MHz mid 1-18GHz

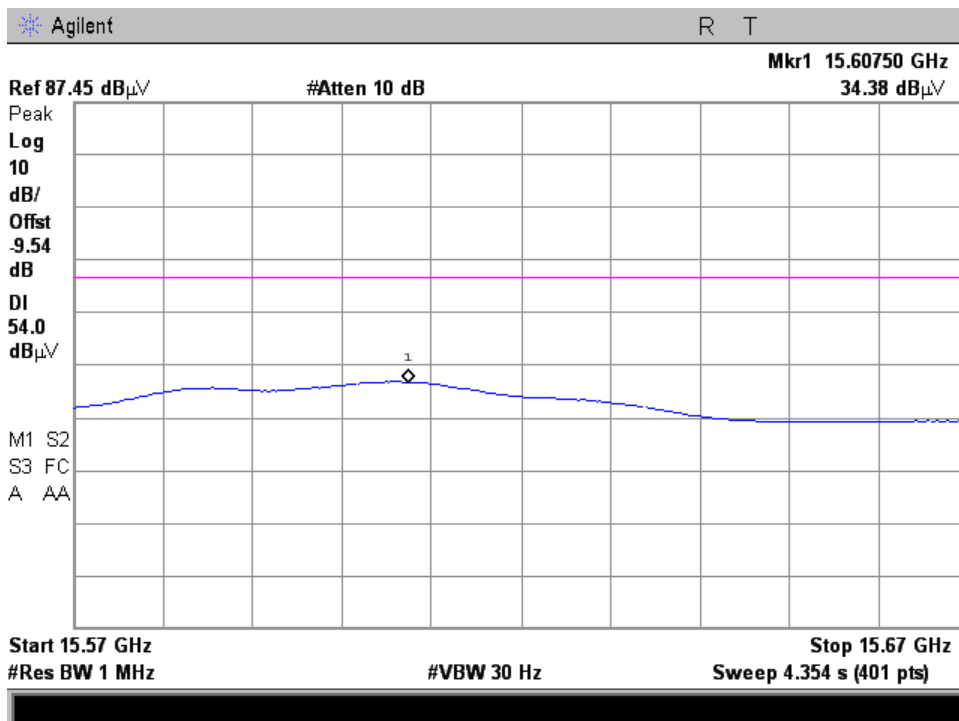




### 40MHz mid 2nd harmonic

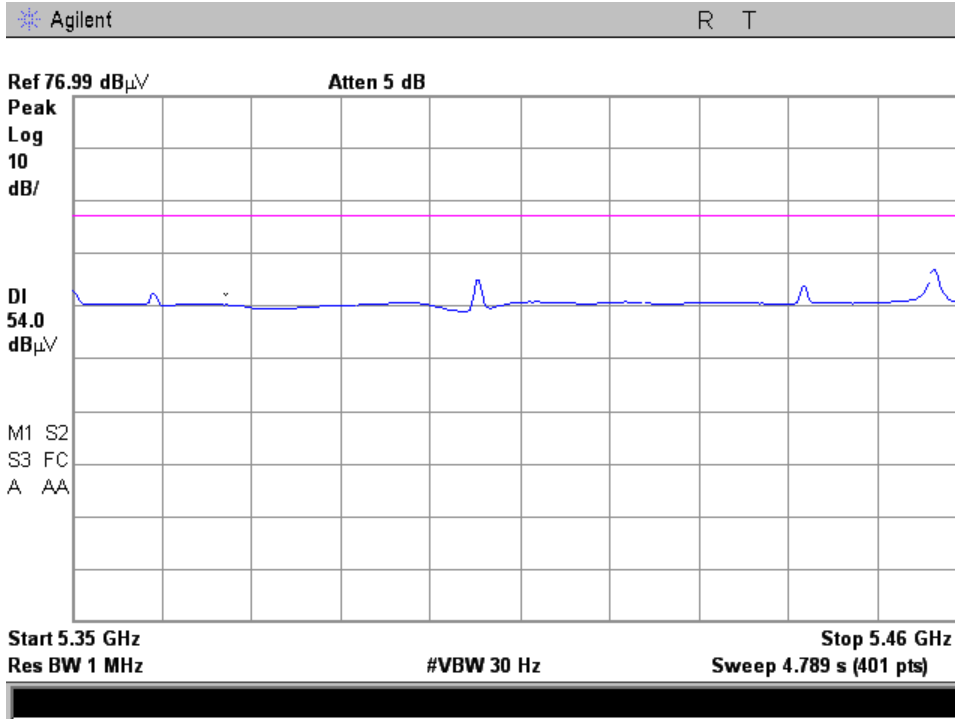


### 40MHz mid 3rd harmonic

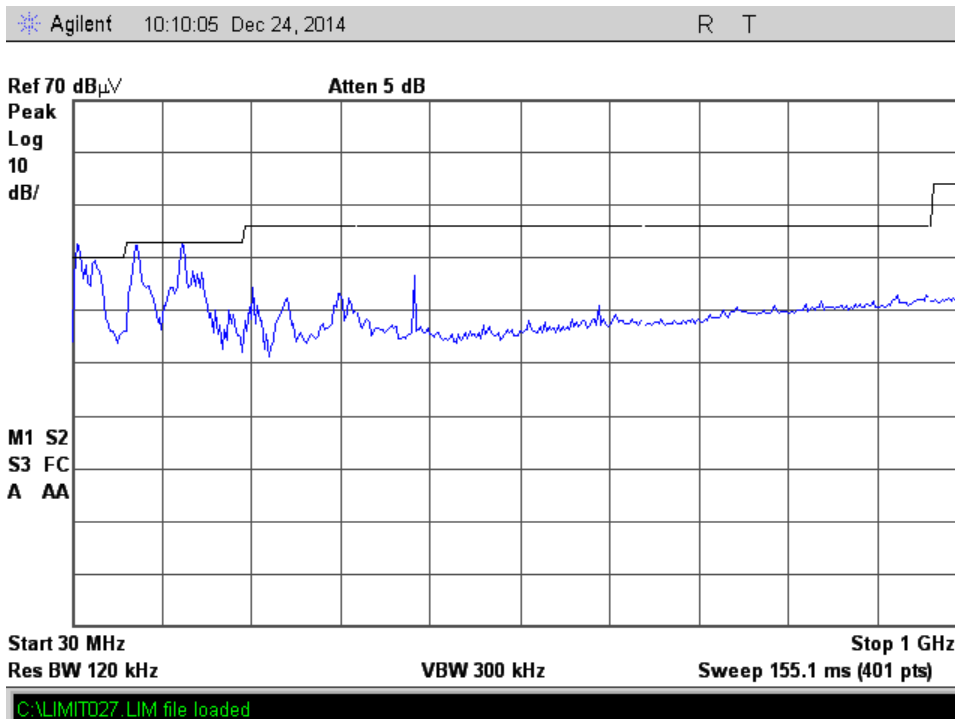




### 40MHz mid 5.35GHz-5.46GHz



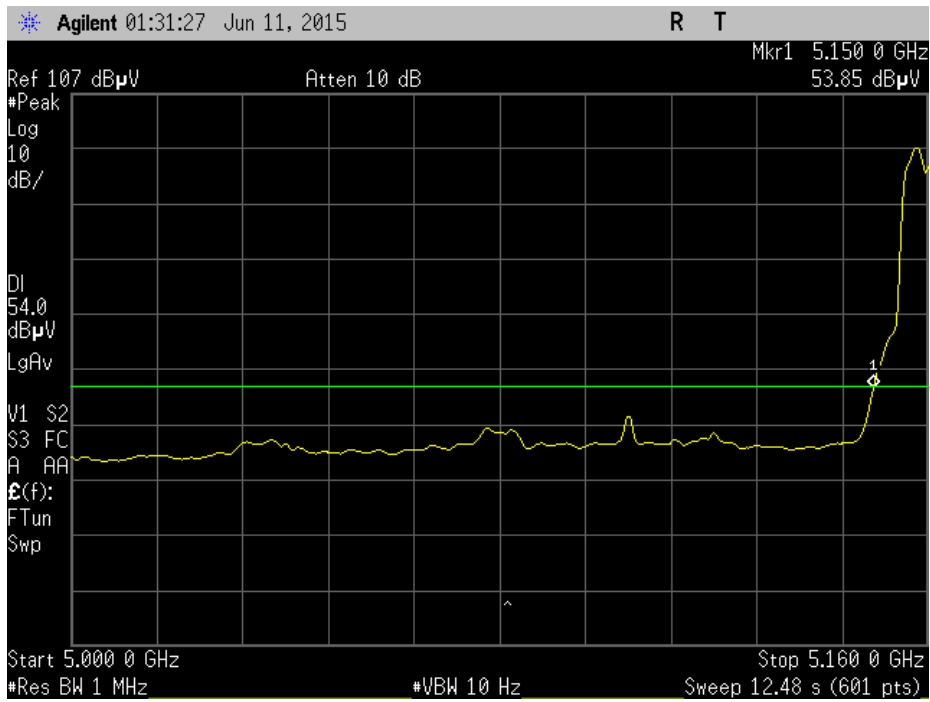
### 40MHz mid ch 30-1GHz peak below average



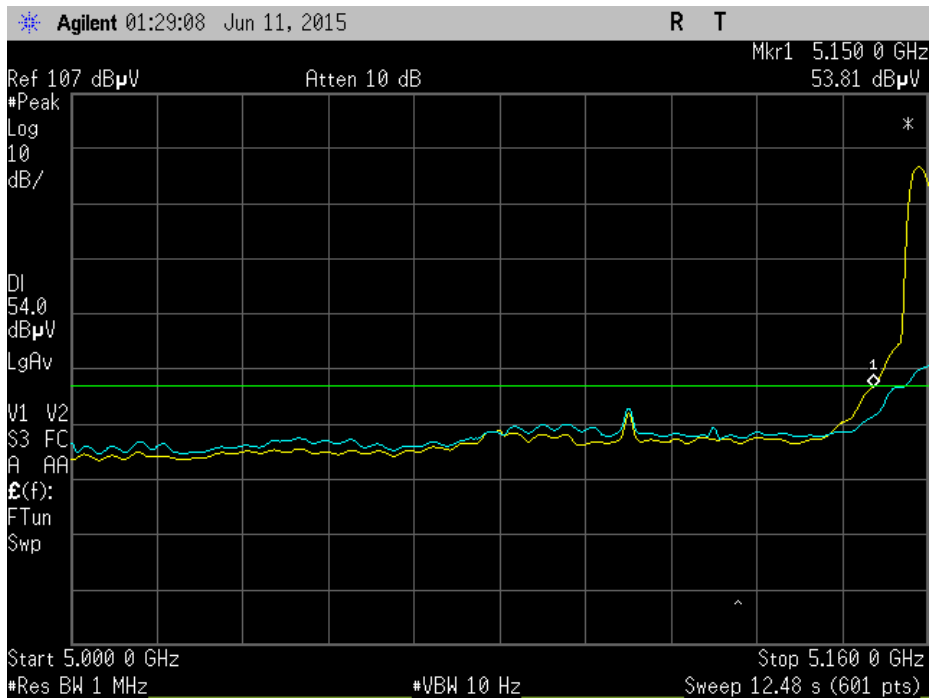


### Band Edge Data

#### 10 MHz low side

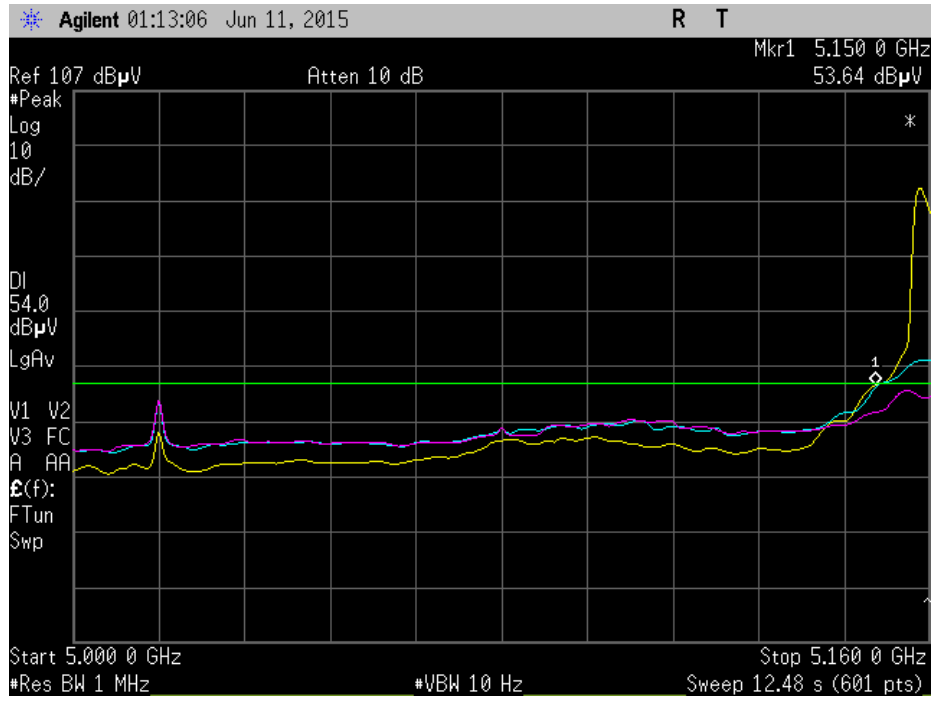


#### 20MHz Low Side

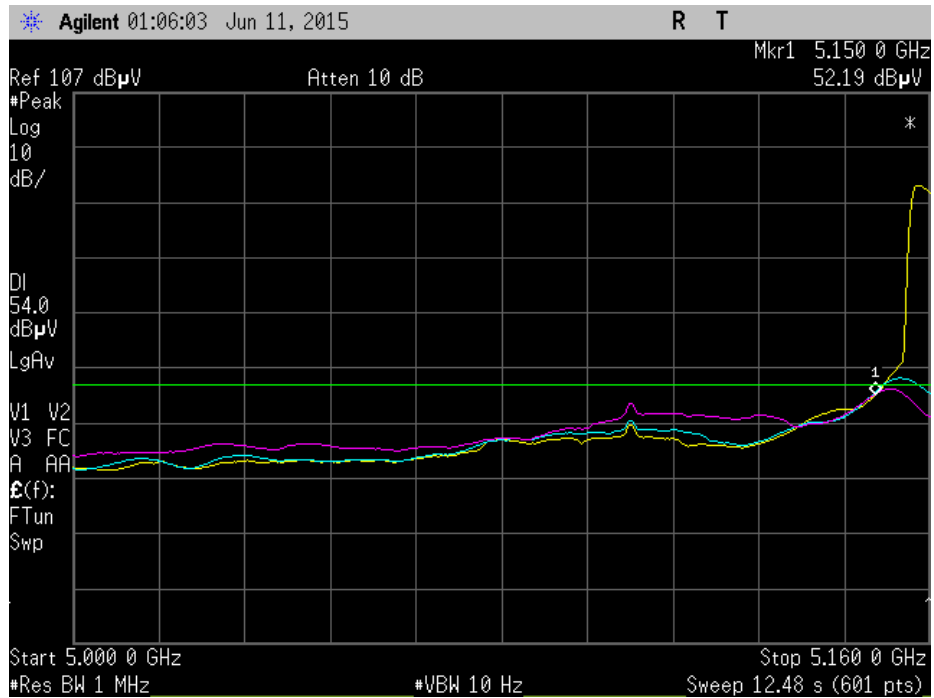




### 30 MHz Low Side



### 40 MHz Low Side





**Band Edge integrated over 1 MHz**

<b>Bandwidth</b>	<b>Frequency</b>	<b>Data Rate</b>	<b>TP</b>	<b>Measured Level</b>	<b>Limit</b>	<b>Margin</b>
<b>MHz</b>	<b>MHz</b>			<b>dBm</b>	<b>dBm/MHz</b>	<b>dB</b>
10	5160	6	20	-30.5	-27	-3.5
20	5165	6	16	-33.7	-27	-6.7
20	5170	6	20	-41.1	-27	-14.1
30	5170	6	12	-34.3	-27	-7.3
30	5175	6	17	-36.9	-27	-9.9
30	5180	6	20	-41.3	-27	-14.3
40	5175	f0	11	-37.1	-27	-10.1
40	5180	f0	13	-41.1	-27	-14.1
40	5195	f0	18	-37.7	-27	-10.7