



Annex A

Radiated Spurious Emissions

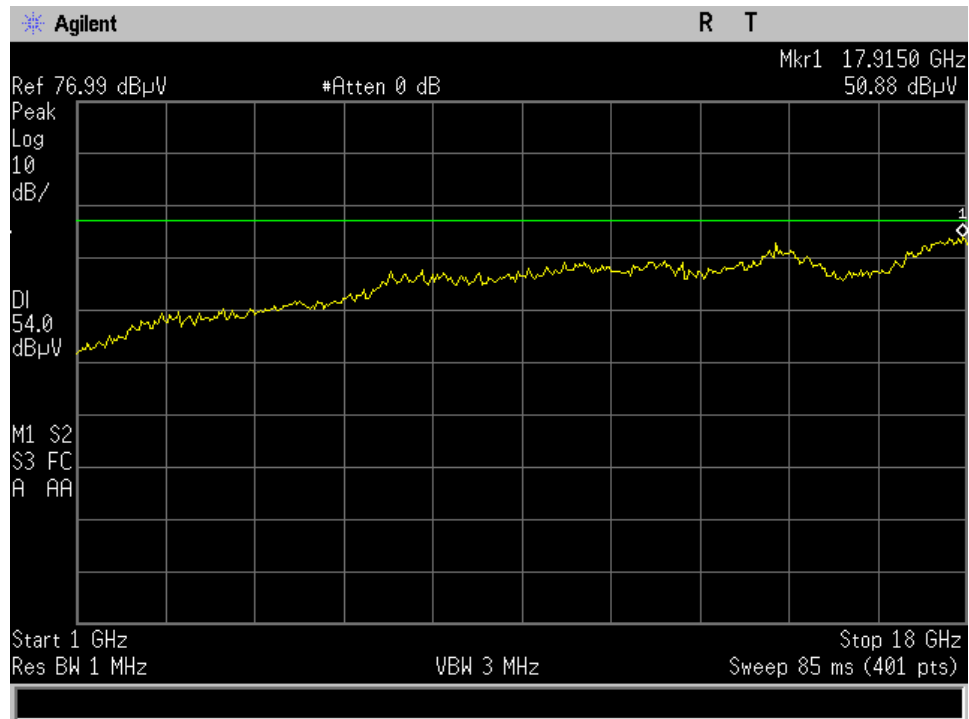
Per 15.209



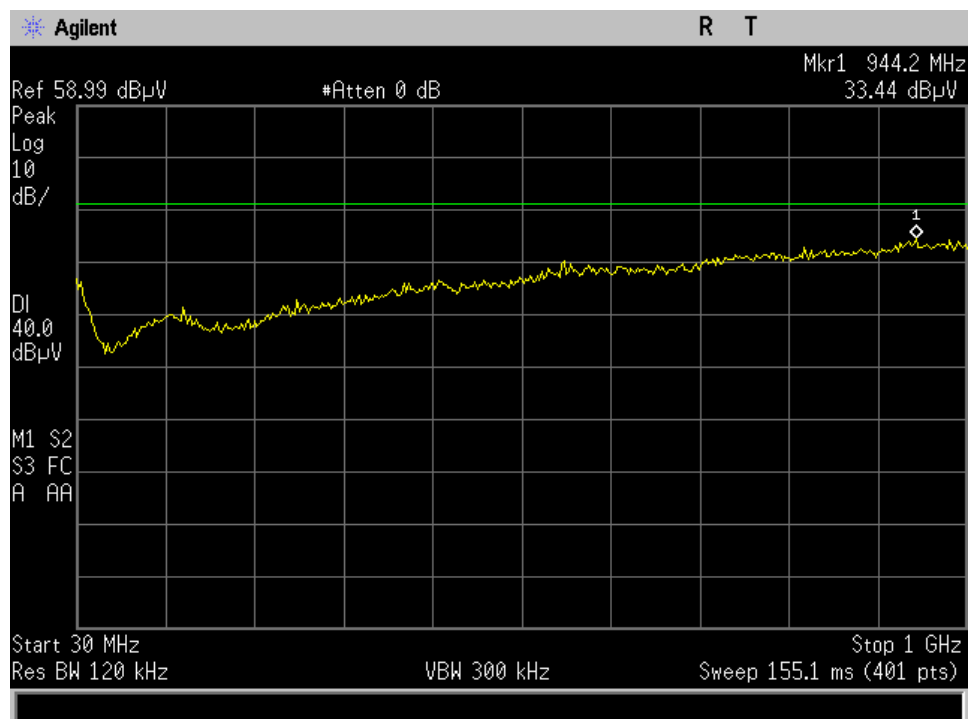
0 dBm Power Setting



High Ch 1-18 GHz

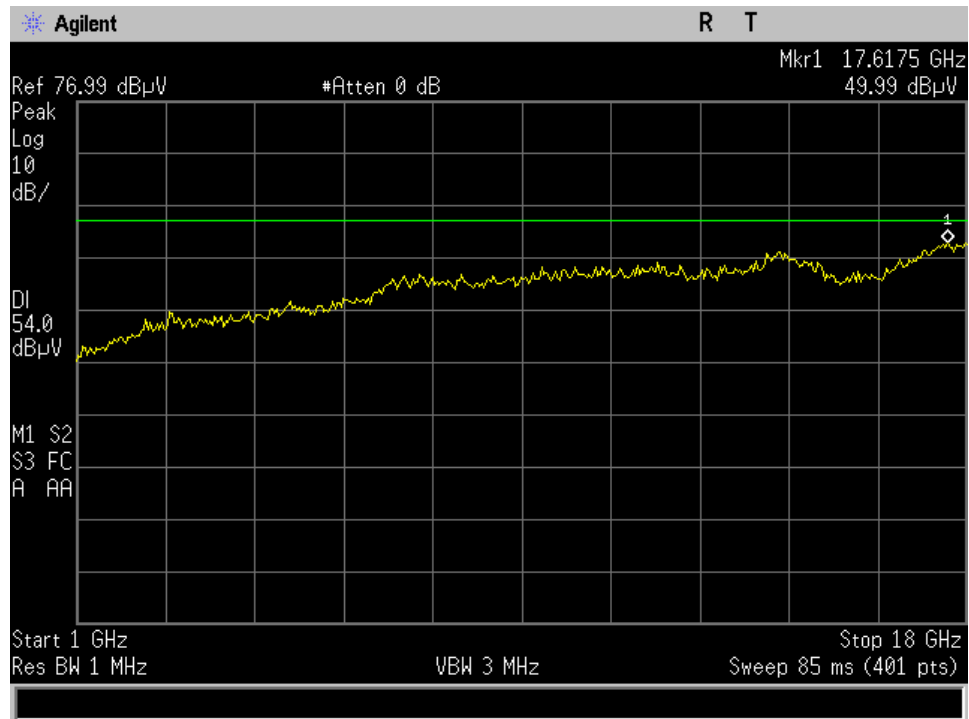


High ch - 30-1000 MHz

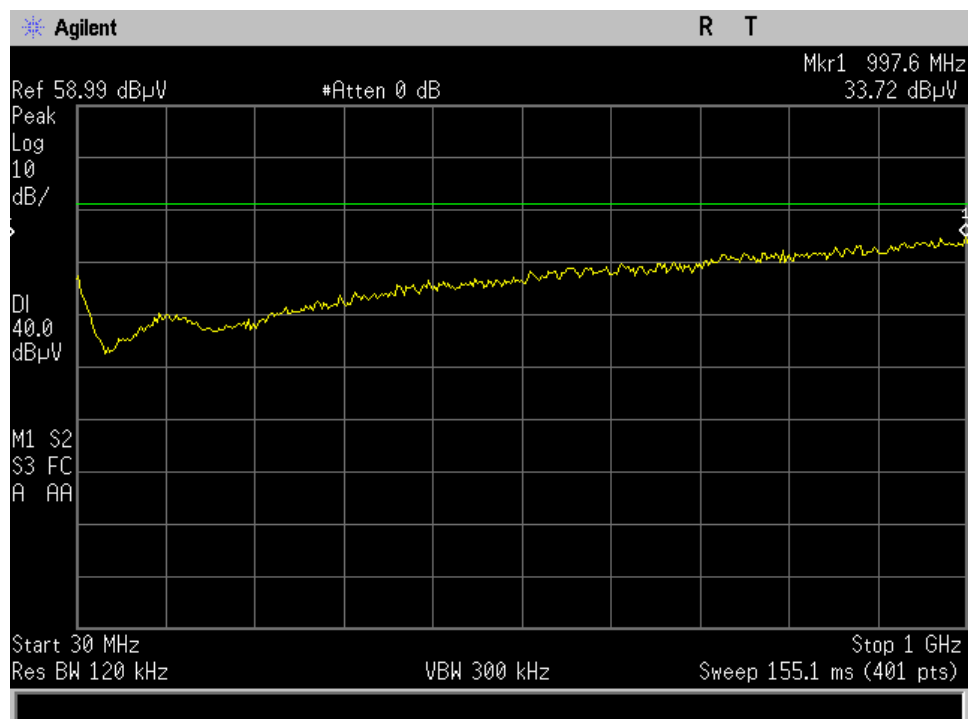




Low Ch - 1-18 GHz

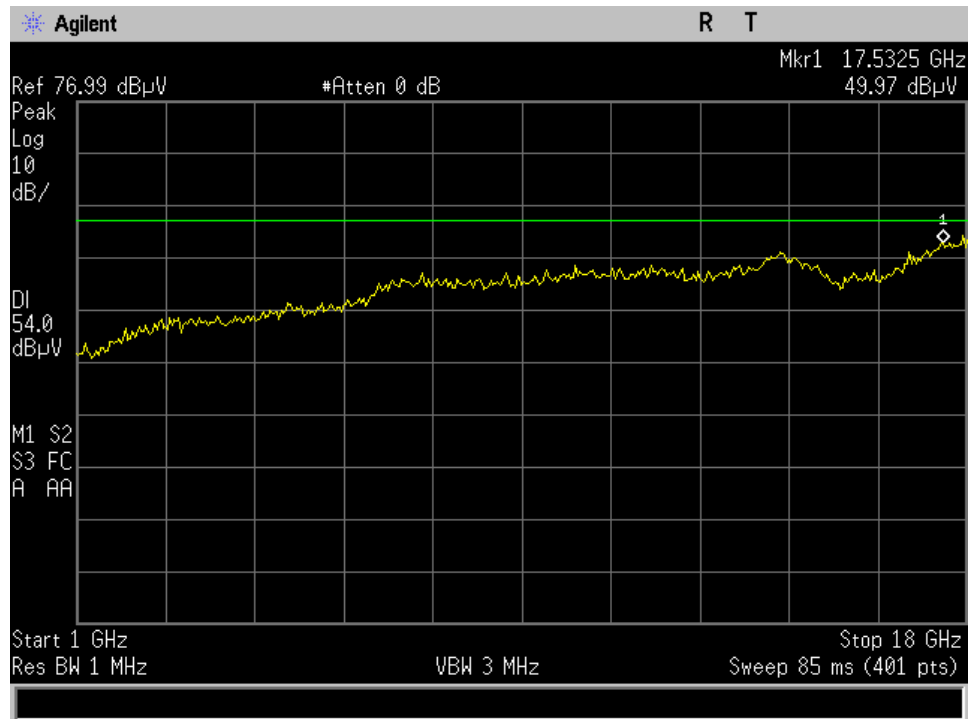


Low Ch - 30-1000 MHz

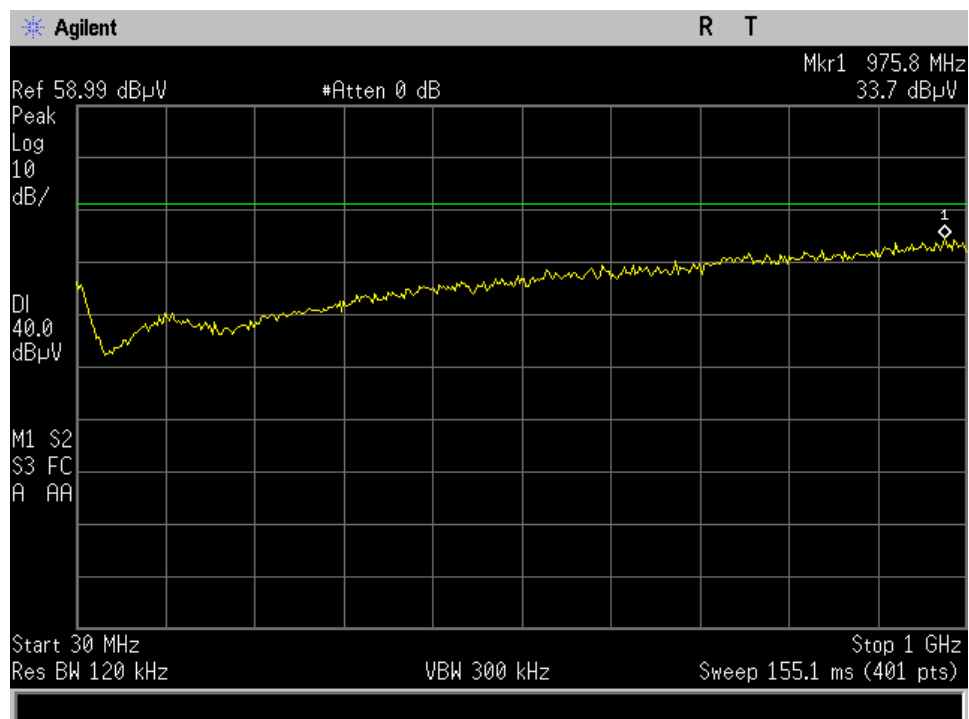




Mid Ch - 1-18 GHz



Mid Ch - 30-1000 MHz

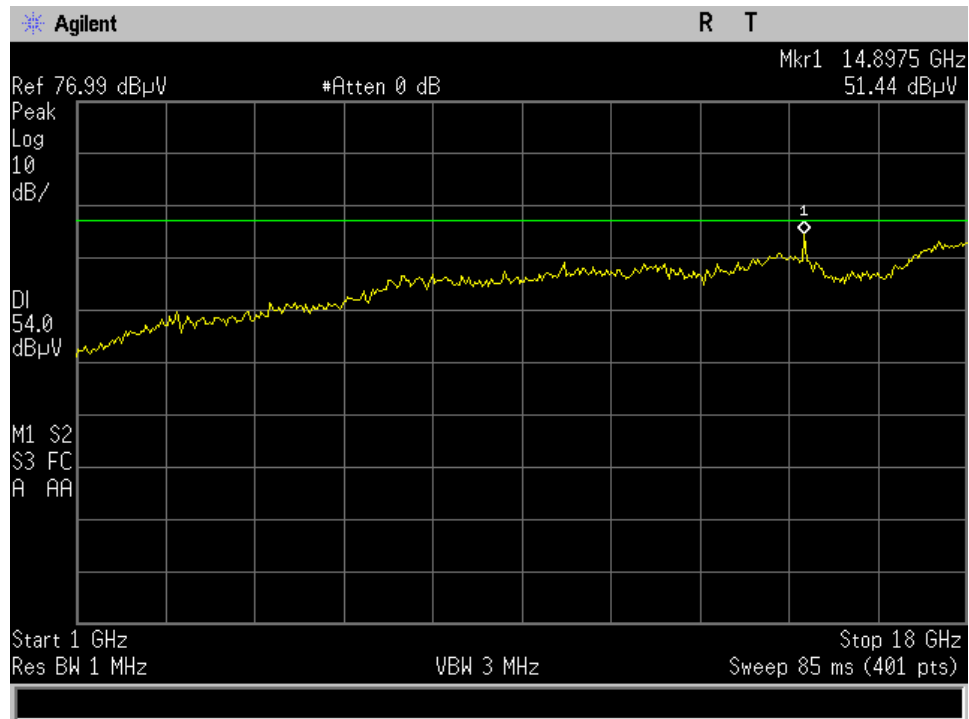




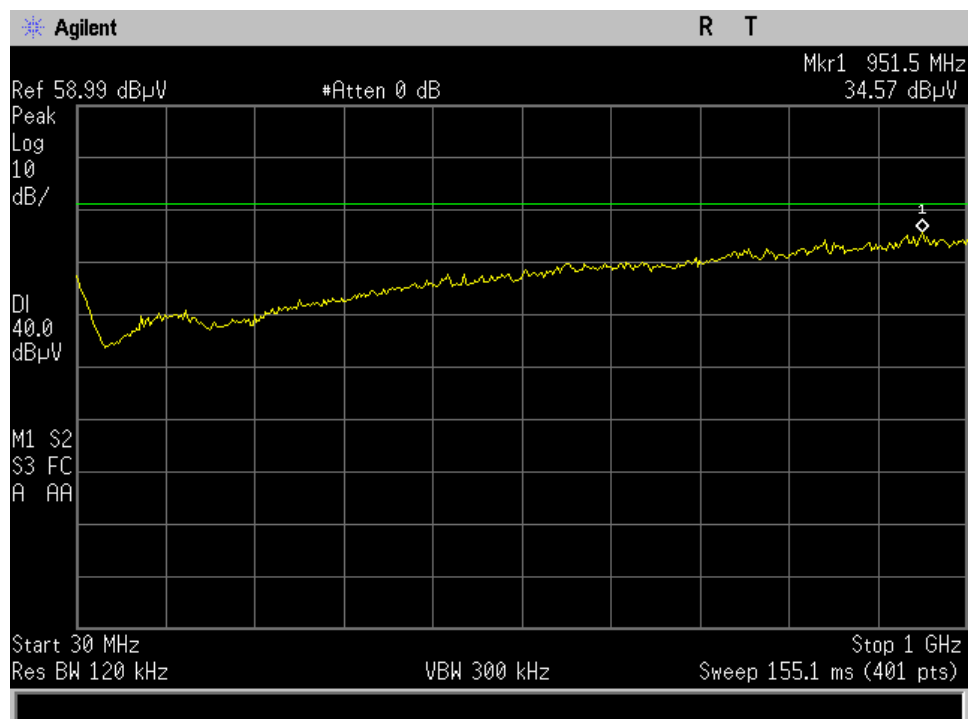
+25 dBm Power Setting



High Ch - 1-18 GHz

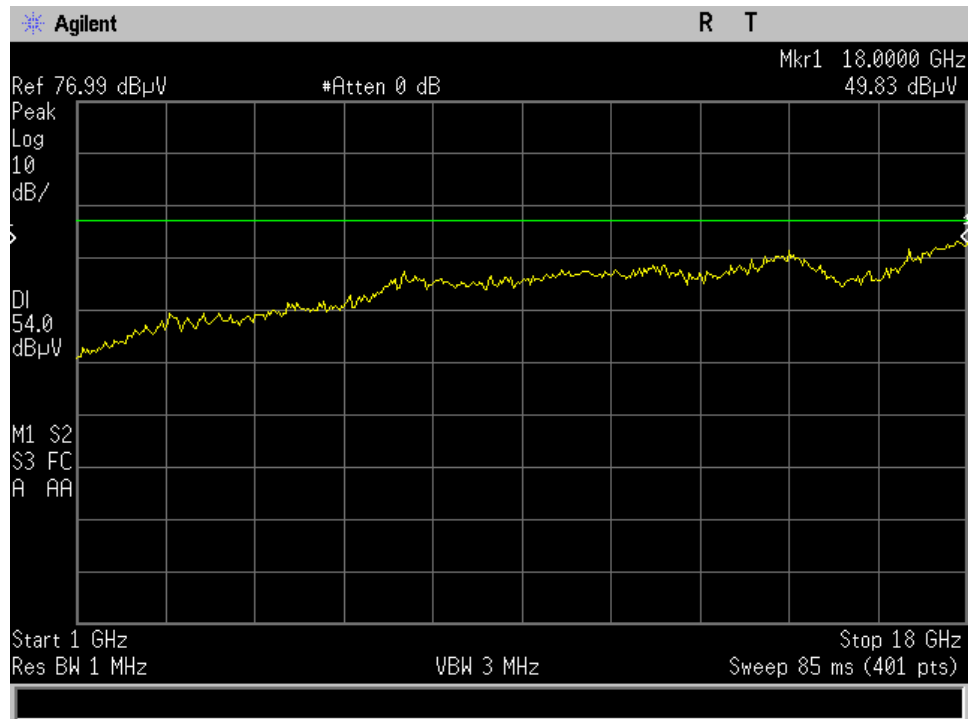


High ch - 30-1000 MHz

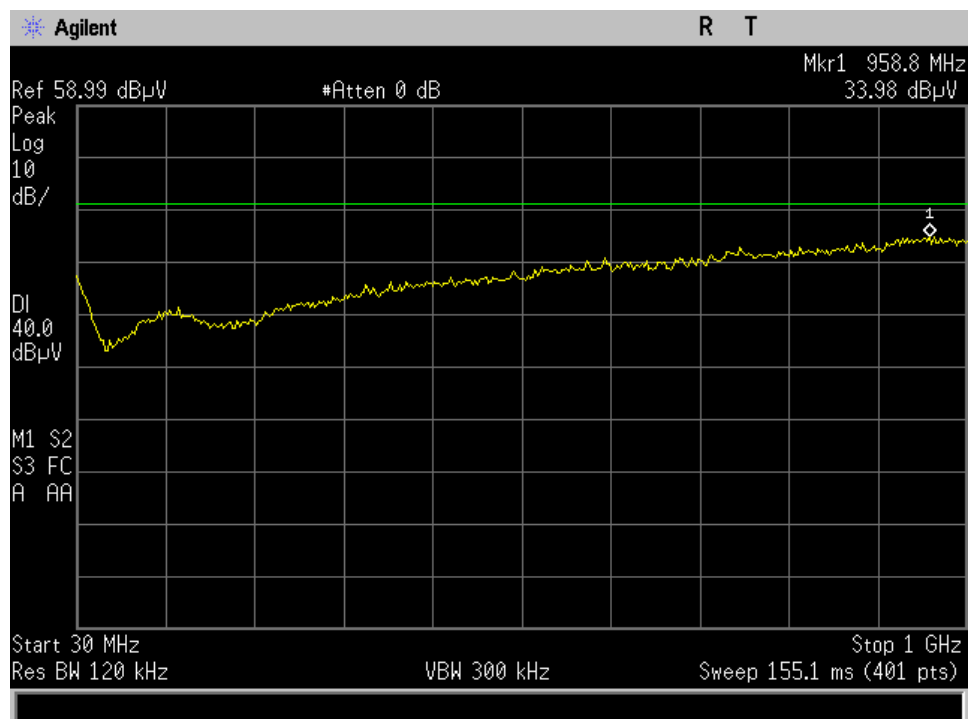




Low Ch - 1-18 GHz

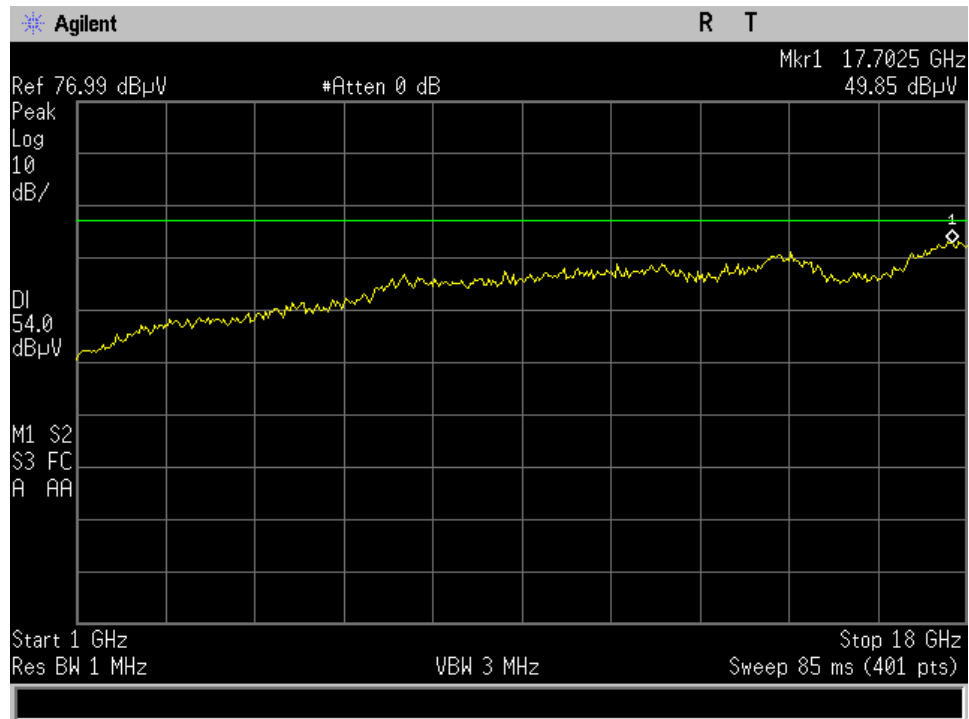


Low Ch - 30-1000 MHz

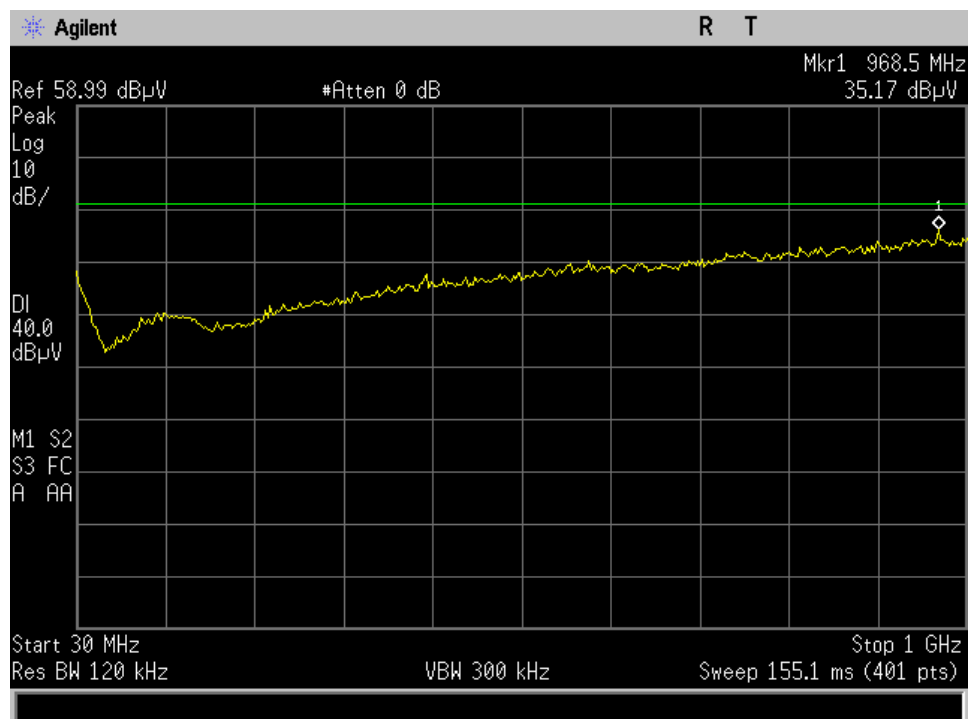




Mid Ch - 1-18 GHz



Mid Ch - 30-1000 MHz

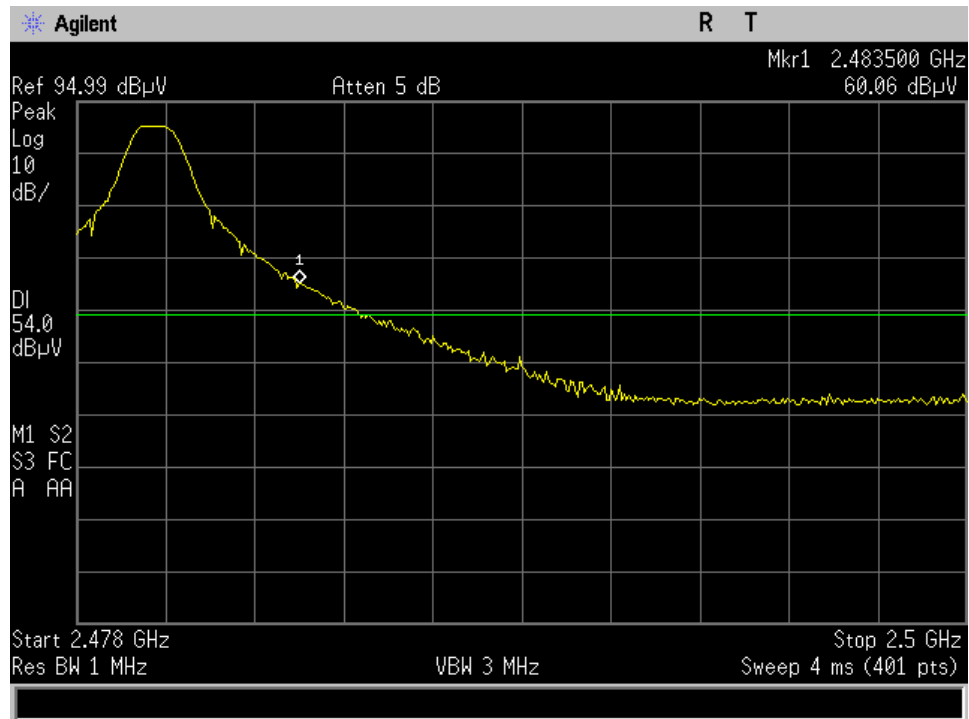




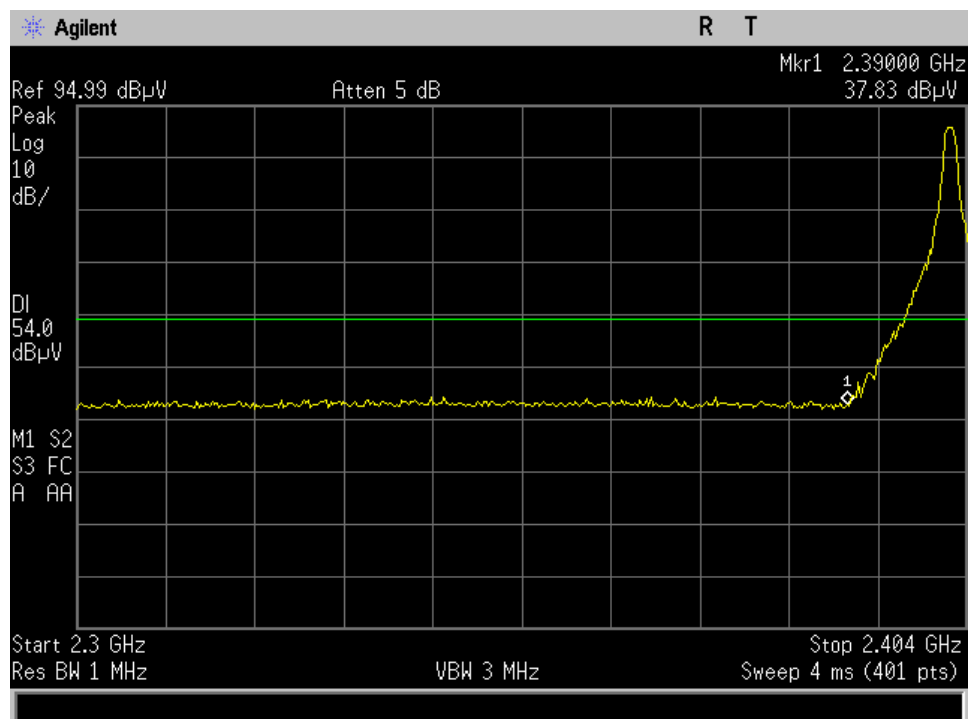
Restricted Band Edges



0 dBm - High ch - Restricted Band Edge



0 dBm - Low Ch - Restricted Band Edge





0 dBm

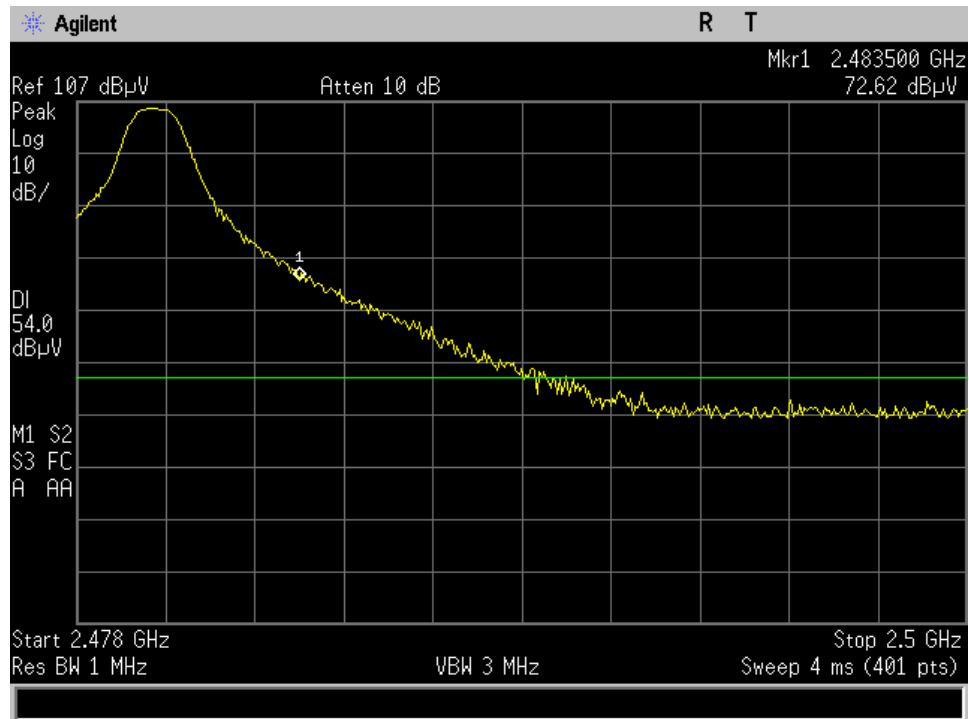
Restricted Band (MHz)	Tuned Frequency (MHz)	Emission Frequency (MHz)	Measured Value (dBuV/m)	Duty Cycle Correction (dB)	Corrected Value (dBuV/m)	Peak Limit (dBuV/m)	Result
2300 – 2390	2402	2390	37.83	N/A	37.83	74	Pass
2483.5 - 2500	2480	2483.5	60.06	N/A	60.06	74	Pass

0 dBm

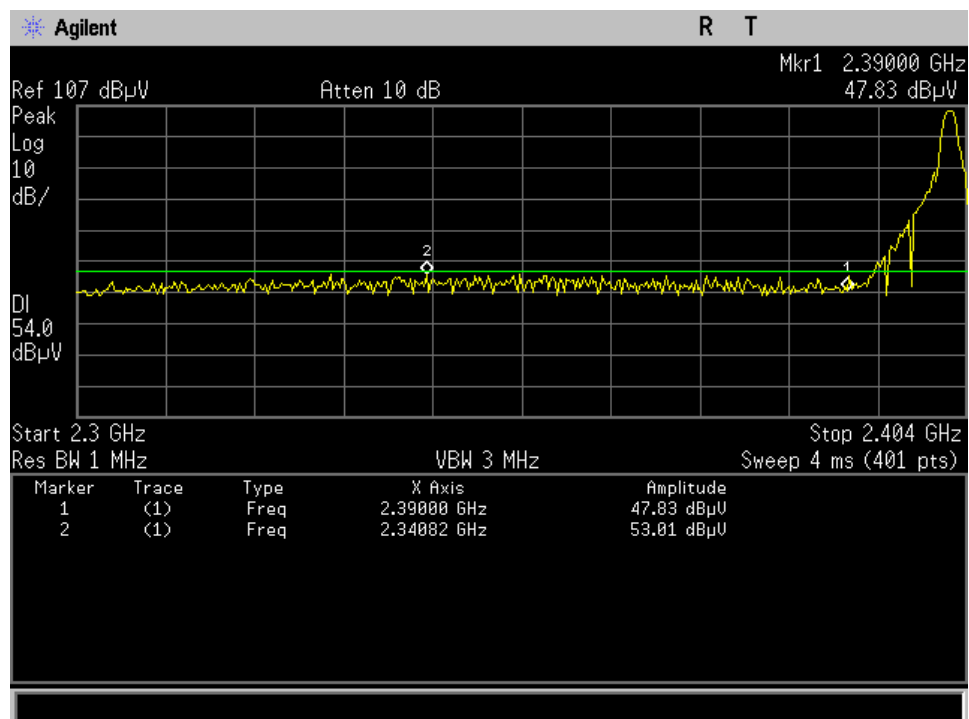
Restricted Band (MHz)	Tuned Frequency (MHz)	Emission Frequency (MHz)	Measured Value (dBuV/m)	Duty Cycle Correction (dB)	Corrected Value (dBuV/m)	Avg Limit (dBuV/m)	Result
2300 – 2390	2402	2390	37.83	N/A	37.83	54	Pass
2483.5 - 2500	2480	2483.5	60.06	25.79	34.27	54	Pass



25 dBm - High Ch - Restricted Band Edge



25 dBm - Low Ch - Restricted Band Edge





25 dBm

Restricted Band (MHz)	Tuned Frequency (MHz)	Emission Frequency (MHz)	Measured Value (dBuV/m)	Duty Cycle Correction (dB)	Corrected Value (dBuV/m)	Peak Limit (dBuV/m)	Result
2300 – 2390	2402	2340.8	53.01	N/A	53.01	74	Pass
2483.5 - 2500	2480	2483.5	72.62	N/A	72.62	74	Pass

25 dBm

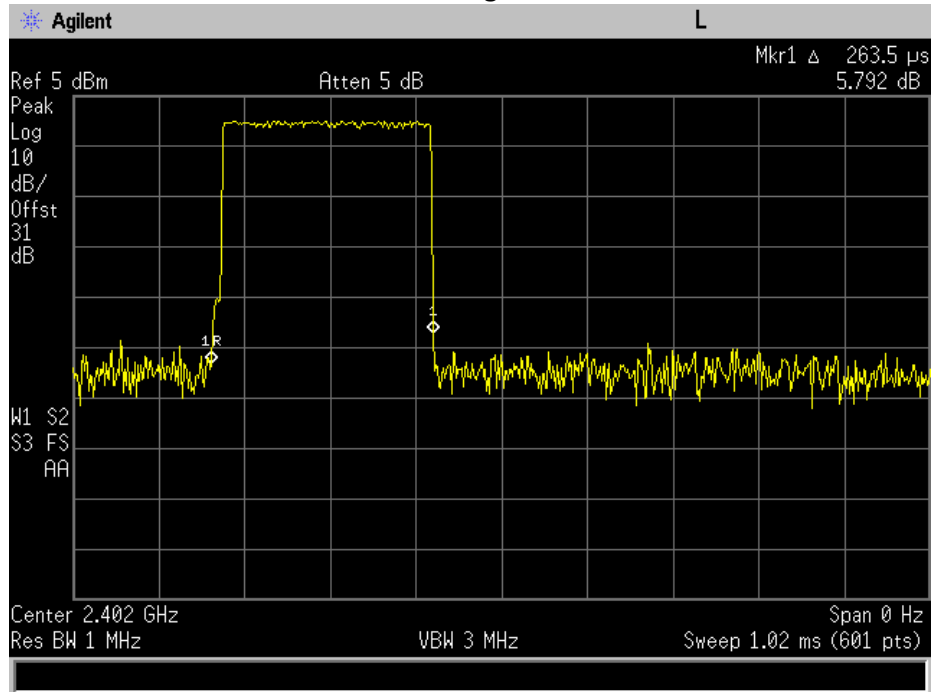
Restricted Band (MHz)	Tuned Frequency (MHz)	Emission Frequency (MHz)	Measured Value (dBuV/m)	Duty Cycle Correction (dB)	Corrected Value (dBuV/m)	Avg Limit (dBuV/m)	Result
2300 – 2390	2402	2390	53.01	N/A	53.01	54	Pass
2483.5 - 2500	2480	2483.5	72.62	25.79	46.83	54	Pass



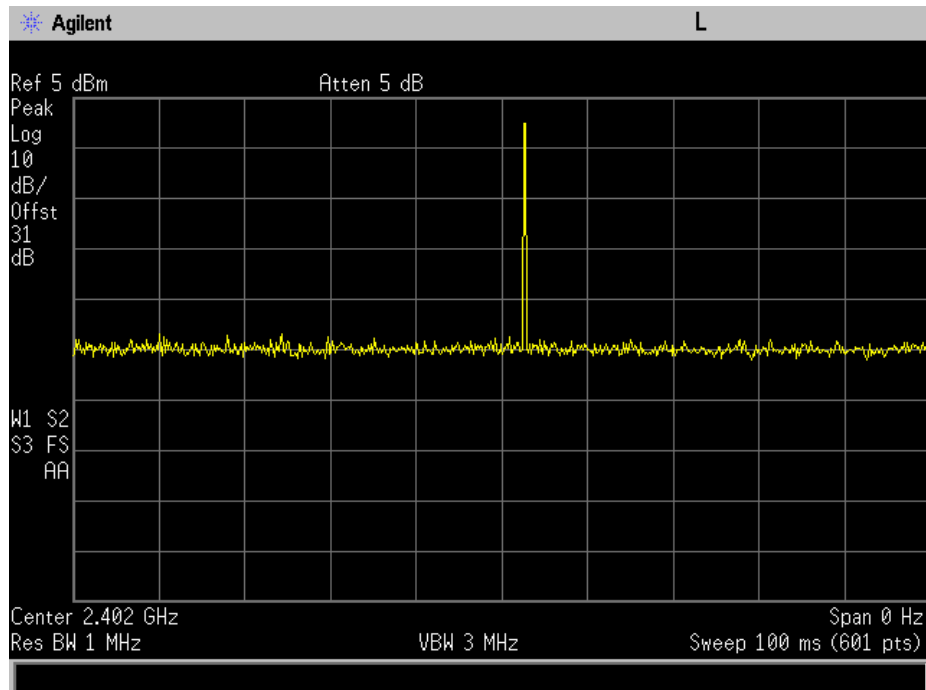
Duty Cycle Correction Calculations



Duty Cycle Correction Per KDB 558074 Section 6 Time of Single Pulse



Number of Pulses in 100 ms



Time of Single Pulse = 263.5 us

Number of Pulses in 100 ms = 1

$$\frac{263.5us}{100ms} = 0.002635$$

$$\text{Duty Cycle Correction} = 10 \text{ Log}\left(\frac{1}{0.002635}\right) = 25.79 \text{ dB}$$