

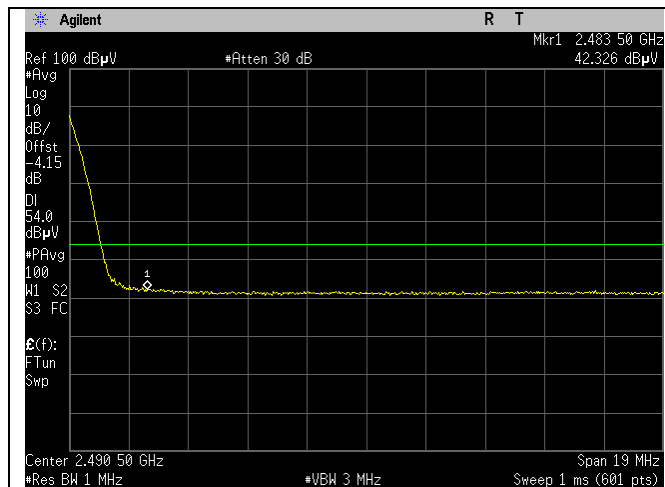
Annex E - 15.209

[Naming Convention]

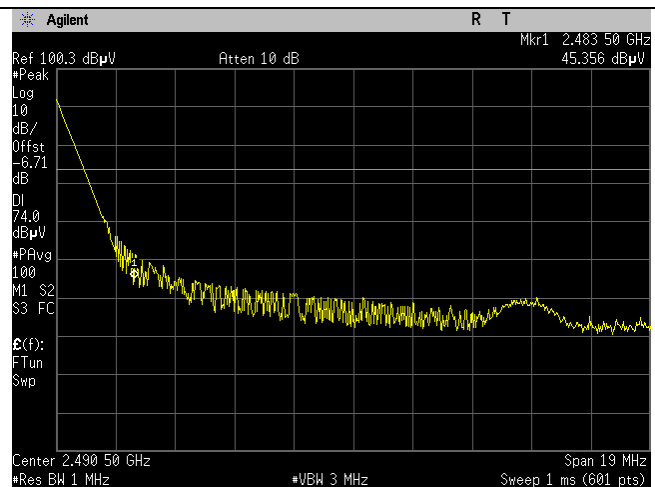
BLE_Channel (Low, Mid, High)_Frequency (MHz)_Data Rate (1MBit)_Measurement (15.209)_Frequency Range (Upper Band Edge, Lower Band Edge)_Type (Peak, avg)_Port (1)

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:

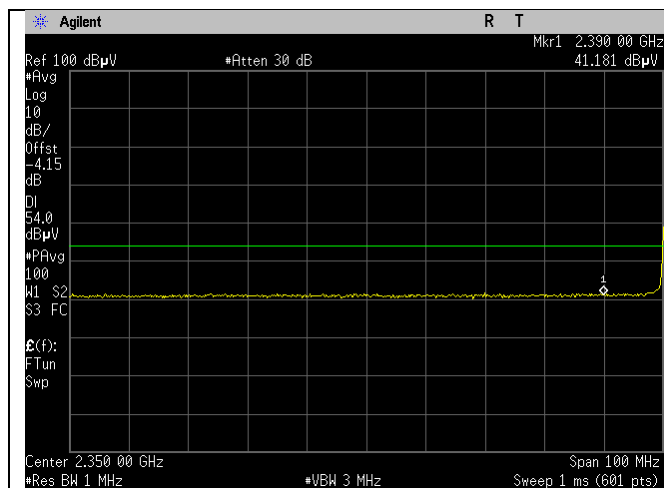
Above 1GHz: $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] - 20 \log(d[\text{m}]) + 104.77$, where E is field strength and d is distance at which the field strength limit is specified in the applicable requirements. $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$, for $d = 3 \text{ m}$. 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 $95.2 - 107 + \text{antenna gain}$. Additioanl Duty Cycle Correction Factor of $10 * \text{LOG}(1/\text{DutyCycle})$ applied to offset of average measurements.



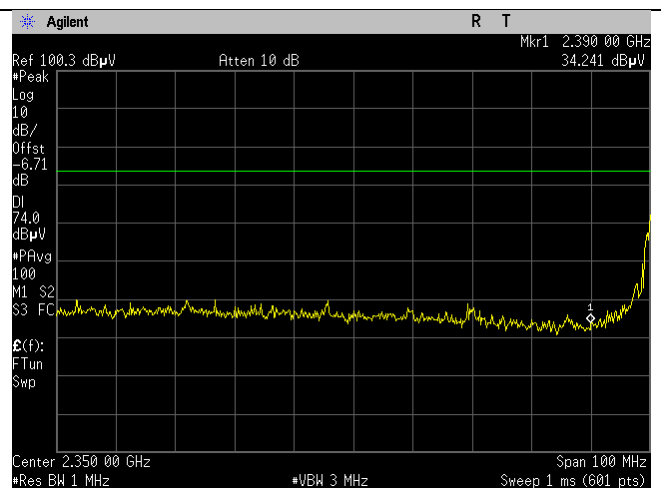
BLE_High Ch_2480MHz_1MBit_15.209_Upper Band
Edge Avg_Port 1



BLE_High Ch_2480MHz_1MBit_15.209_Upper Band
Edge Peak_Port 1



BLE_Low Ch_2402MHz_1MBit_15.209_Lower Band
Edge Avg_Port 1



BLE_Low Ch_2402MHz_1MBit_15.209_Lower Band
Edge Peak_Port 1