Annex A - Spurious Emissions at Antenna Terminals

Naming Convention

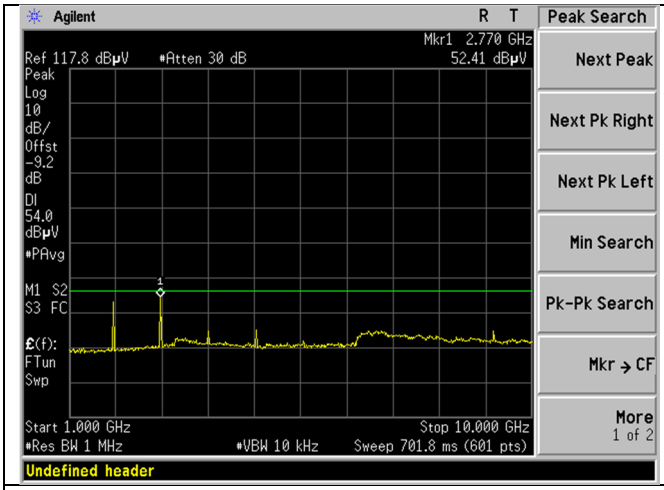
Radio (BLE)_Channel (Low Ch, Mid Ch, High Ch)_Frequency (MHz)_Rate (1Mbit)_Measurement (15.209)_Range (MHz, GHz, Lower Band Edge, Upper Band Edge)

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:

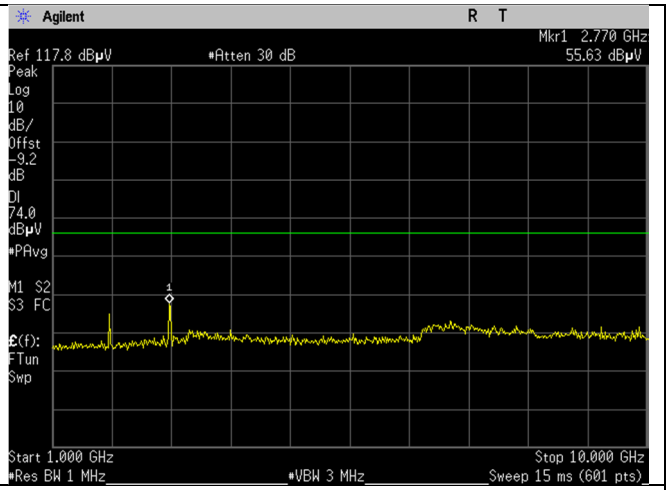
Above 1GHz: E[dBµV/m] = EIRP[dBm] - 20 log (d[m]) + 104.77, where E is field strength and d is

distance at which the field strength limit is specified in the applicable requirements. E[dBµV/m] = EIRP[dBm] + 95.2, for d = 3 m. Straight conversion between E[dBuV/m] and EIRP[dBm} = 107. Thus offset for dBuV/m at 3meters is 95.2-107+antenna gain.

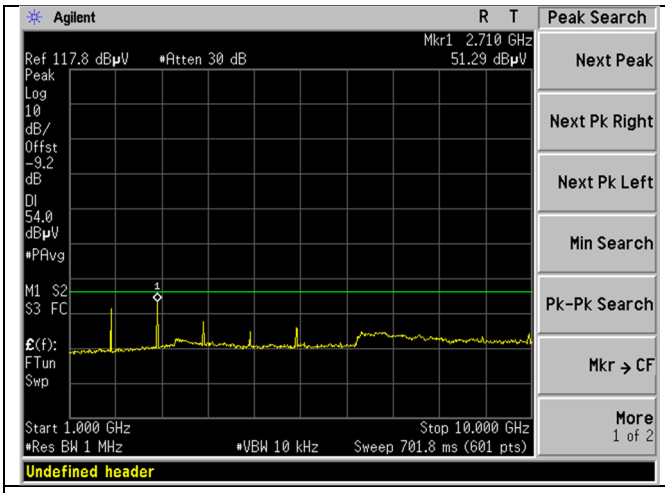
Below 1GHz: above is true in addition to adding ground plane contribution of 4.7dB. thus offset for dBuV/m at 3meters is 95.2-107+4.7+antenna gain.



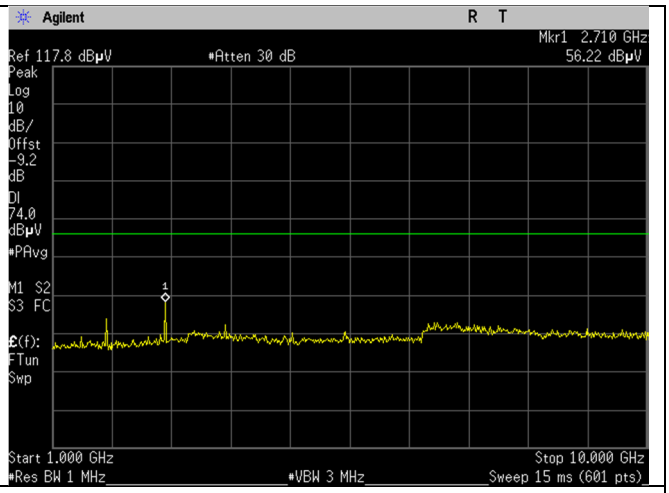
High Ch_925.5MHz_15.209_1-10GHz_avg



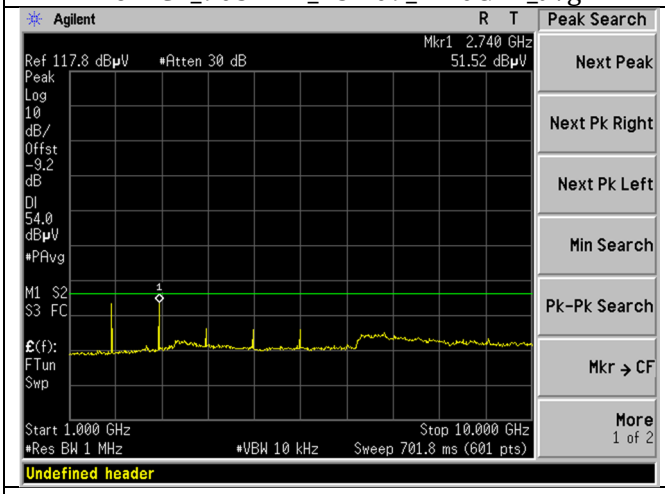
High Ch_925.5MHz_15.209_1-10GHz_peak



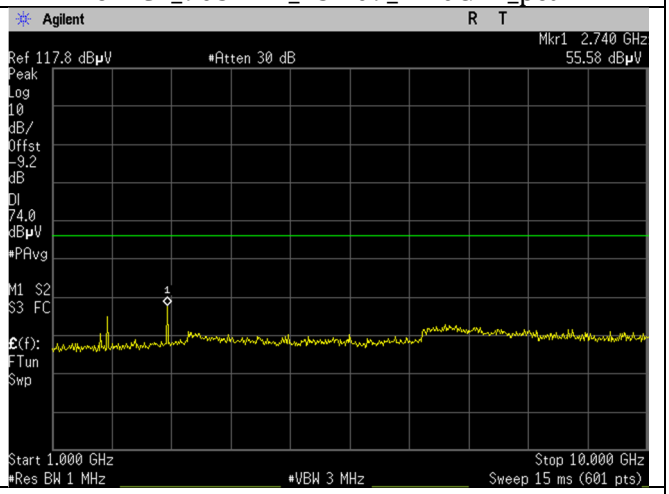
Low Ch_903MHz_15.209_1-10GHz_avg



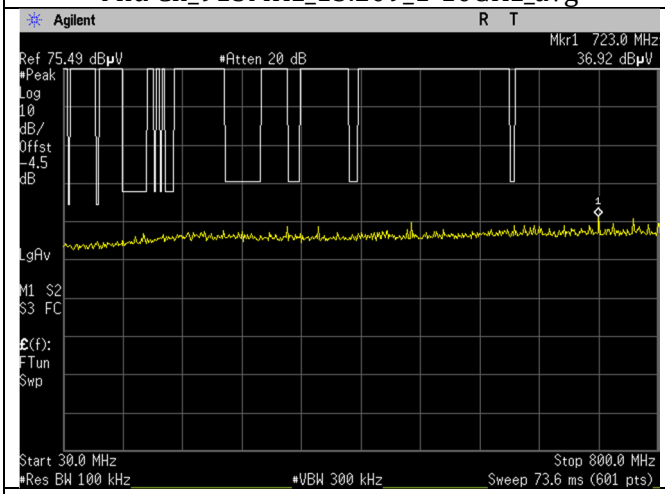
Low Ch_903MHz_15.209_1-10GHz_peak



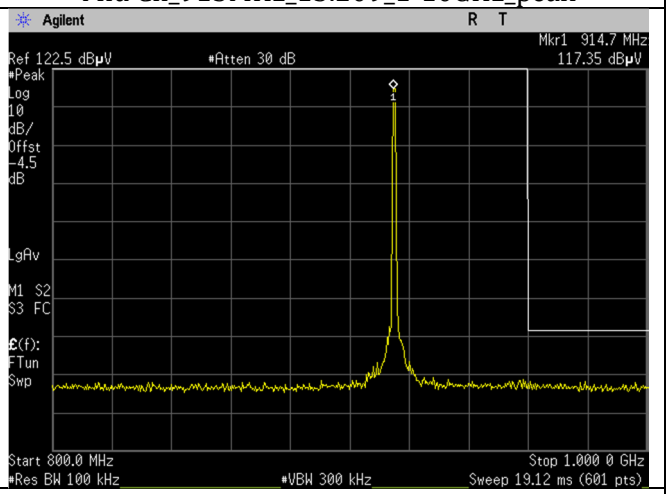
Mid Ch_915MHz_15.209_1-10GHz_avg



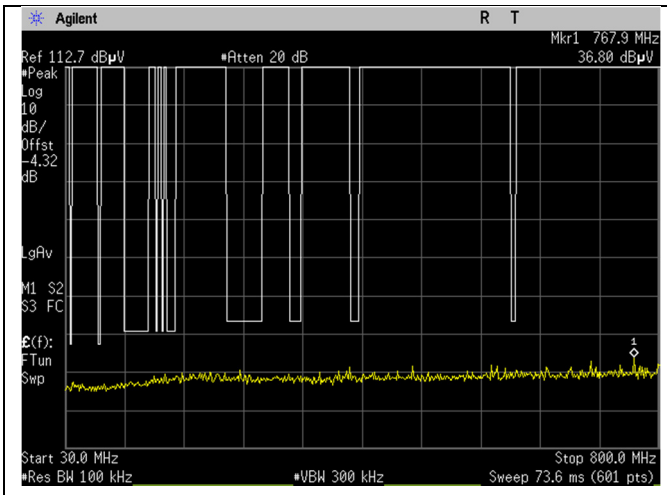
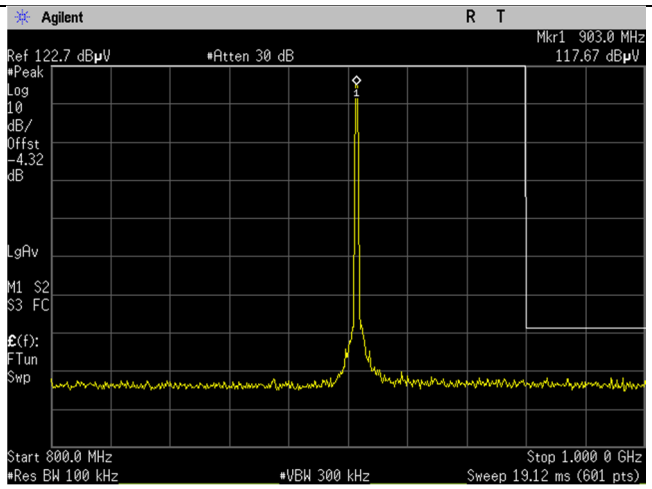
Mid Ch_915MHz_15.209_1-10GHz_peak

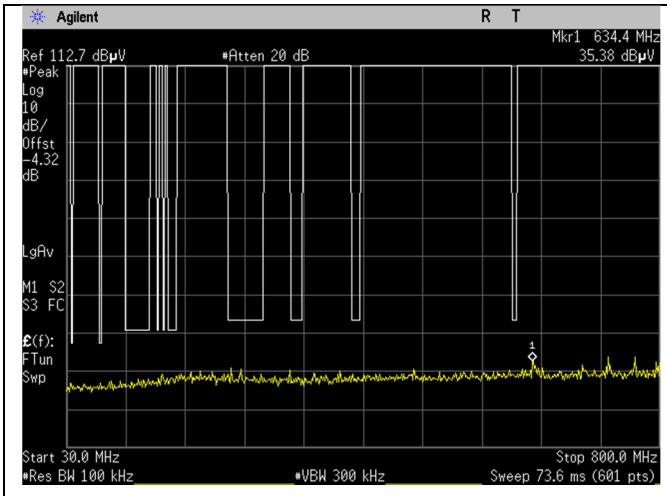
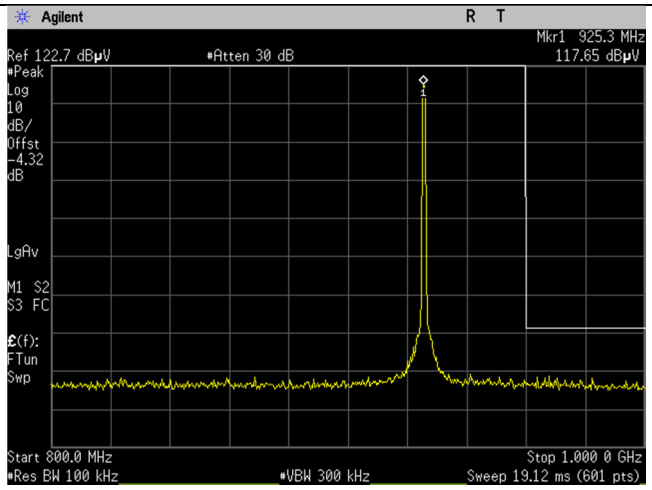


Mid Ch_915MHz_15.209_30MHz-800MHz



Mid Ch_915MHz_15.209_800MHz-1GHz

	
Low Ch_903MHz_15.209_30MHz-800MHz	Low Ch_903MHz_15.209_800MHz-1GHz

	
High Ch_925.5MHz_15.209_30MHz-800MHz	High Ch_925.5MHz _15.209_800MHz-1GHz