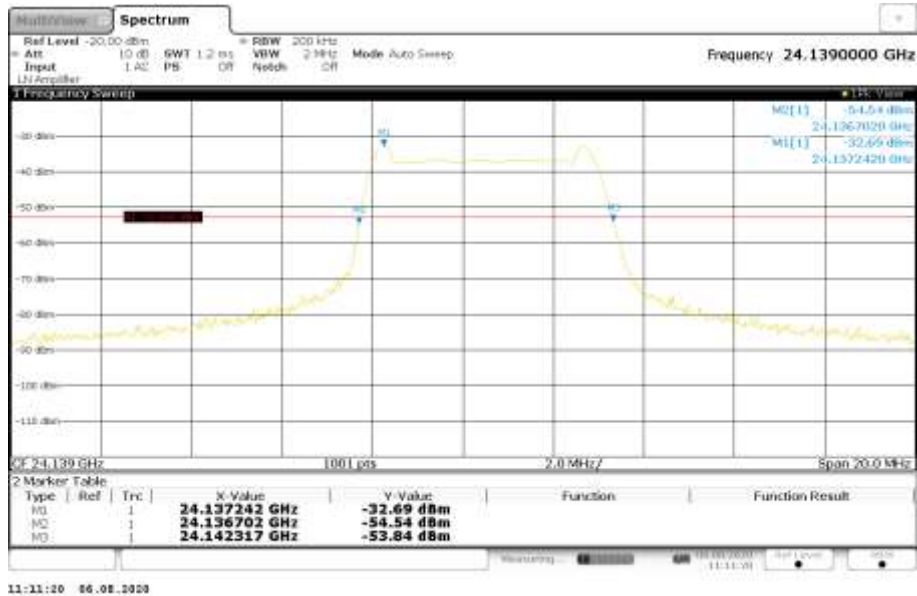




A. Plots taken during tests

A.1 Bandwidth of Signal



20 dBc-Bandwidth

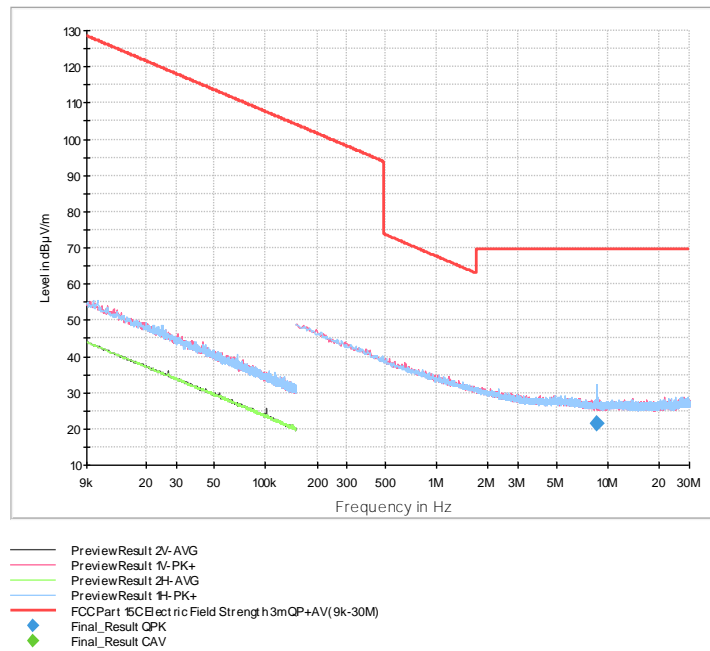


99 %-Bandwidth

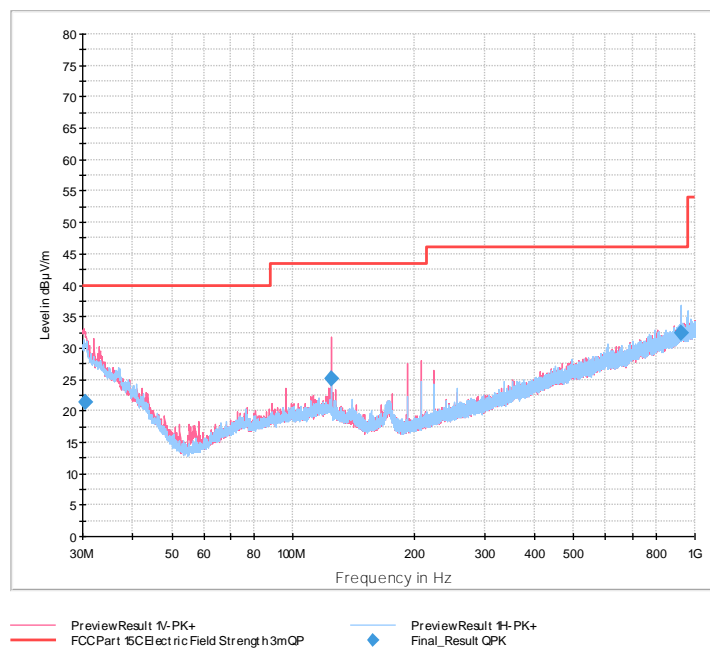


A.2 Radiated Emissions

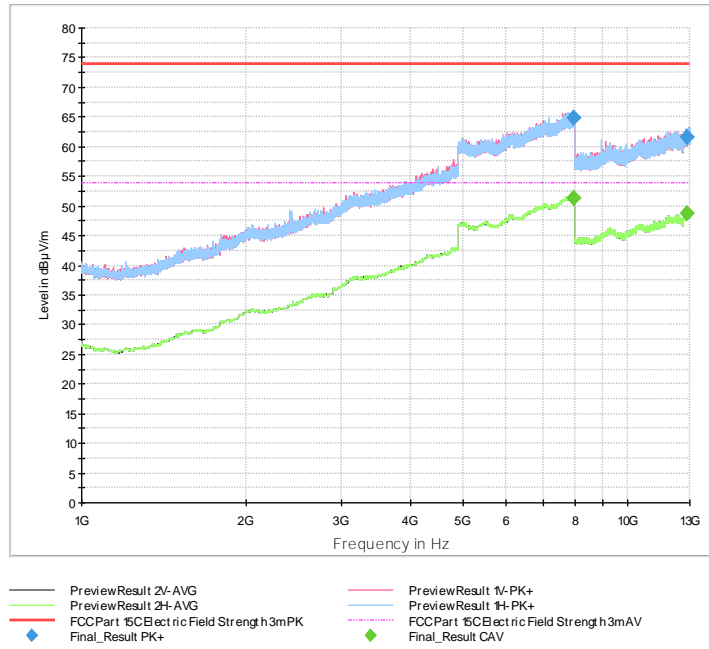
Frequency range 9 kHz – 30 MHz:



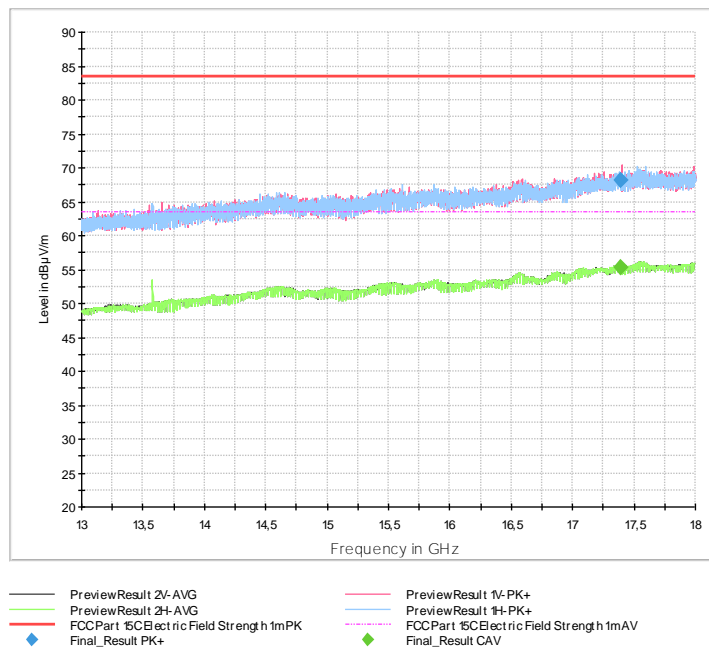
Frequency range 30 MHz – 1 GHz:



Frequency range 1 GHz – 13 GHz:

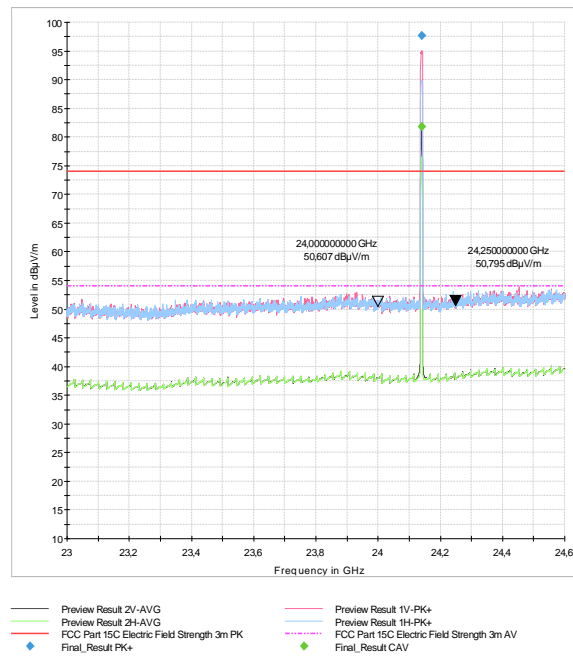
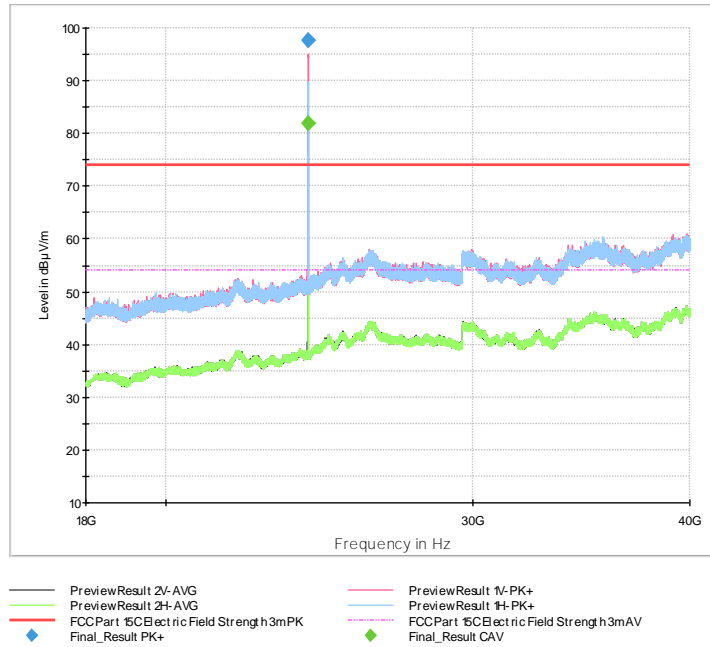


Frequency range 13 GHz – 18 GHz:

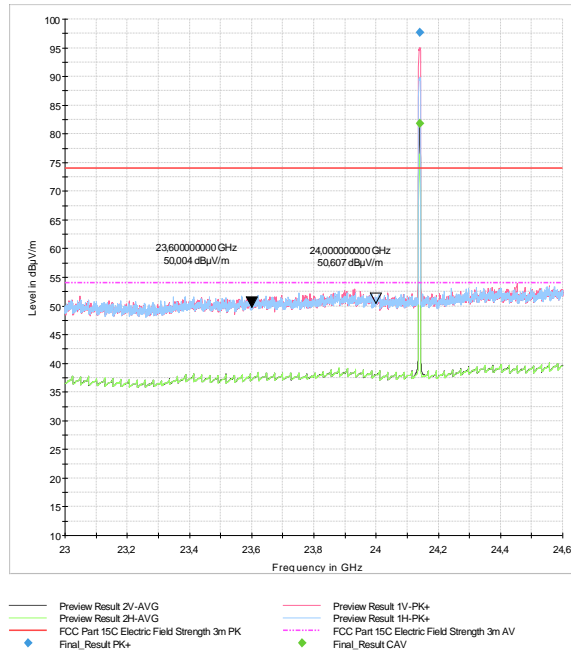




Frequency range 18 GHz – 40 GHz:



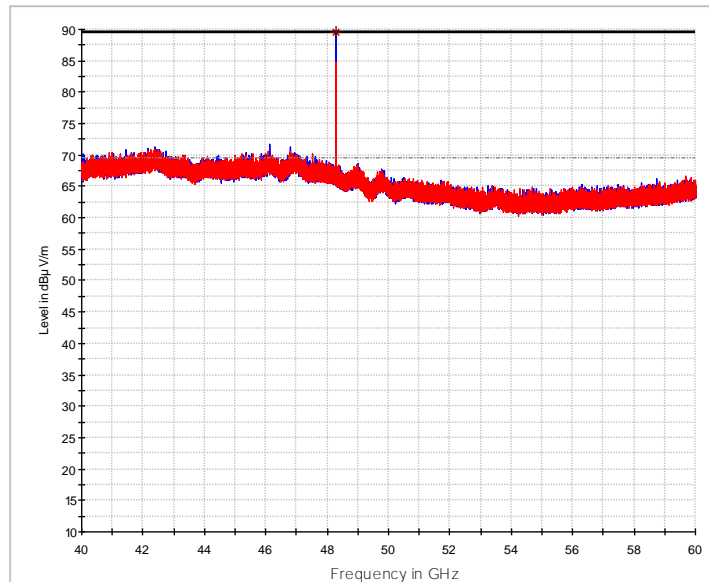
Band Edges



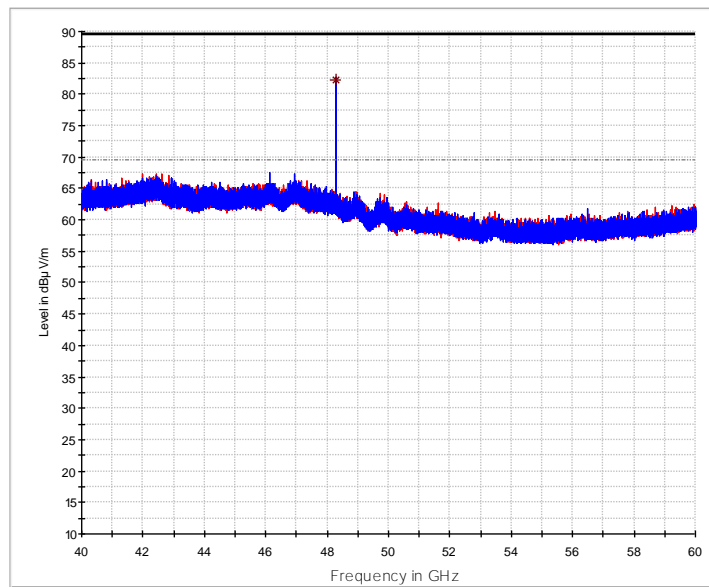
Restricted Bands of Operation



Frequency range 40 GHz – 60 GHz:



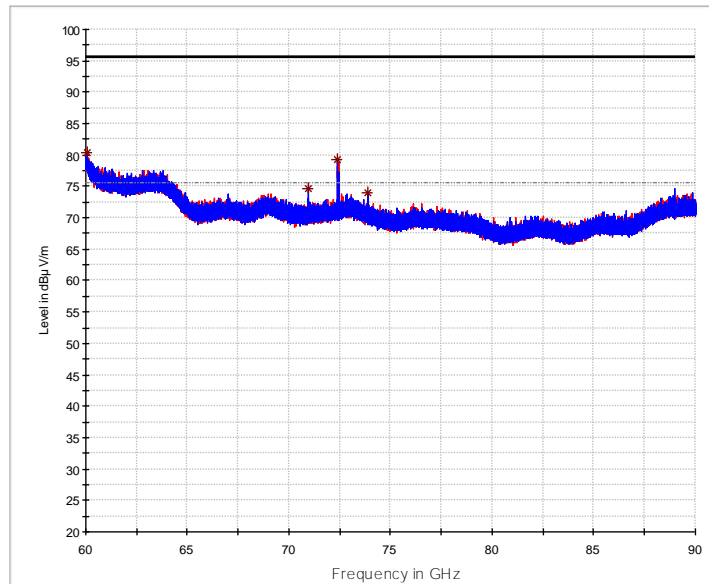
PreviewResult 1+-PK+ PreviewResult 1+-PK+ FCC 15.209(0.5m) PK
FCC 15.209(0.5m) AV * Final_Result PK+



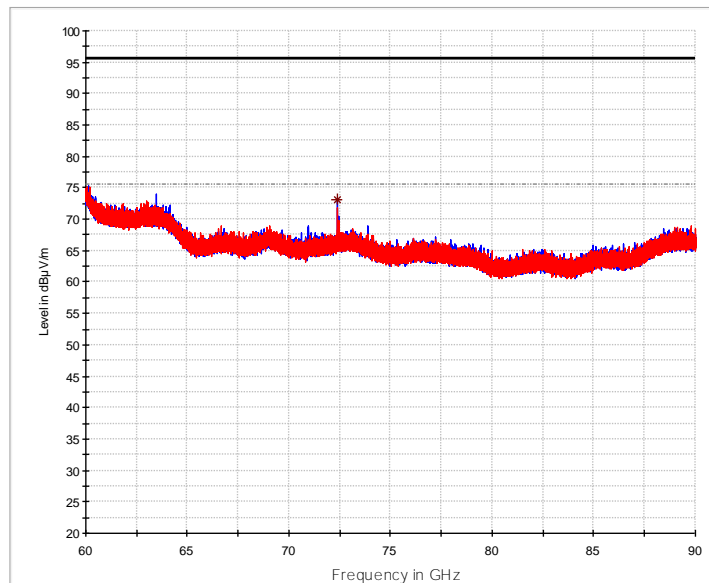
PreviewResult 1+-AVG PreviewResult 1+-AVG FCC 15.209(0.5m) PK
FCC 15.209(0.5m) AV * Final_Result AVG



Frequency range 60 GHz – 90 GHz:



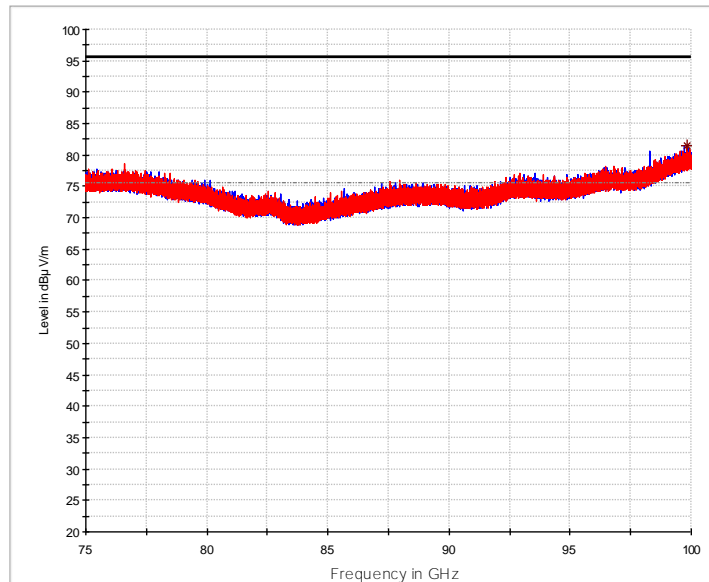
— PreviewResult 14-PK+ — PreviewResult 14-PK+ MaxPeak Final — FCC 15.209 (0.25m) PK
- - - - - FCC 15.209 (0.25m) AV *



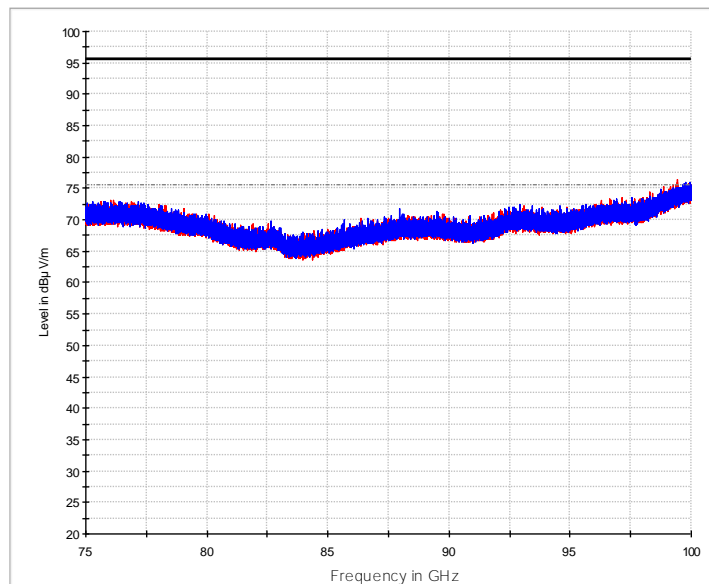
— PreviewResult 14-AVG — PreviewResult 14-AVG Final_Result AVG — FCC 15.209 (0.25m) PK
- - - - - FCC 15.209 (0.25m) AV *



Frequency range 75 GHz – 100 GHz:



— PreviewResult #1-PK+ — PreviewResult #1-PK+ — FCC 15.209(0.25m) PK
- - - - - FCC 15.209(0.25m) AV * Final_Result PK+



— PreviewResult #1-AVG — PreviewResult #1-AVG — FCC 15.209(0.25m) PK
- - - - - FCC 15.209(0.25m) AV * Final_Result AVG



A.3 Temperature Stability



Date: 7 AUG 2020 08:16:05

-20 °C, 12 V



Date: 7 AUG 2020 09:52:44

20 °C, 10 V



Date: 7 AUG 2020 09:53:17

20°C, 12 V



Date: 7 AUG 2020 09:53:51

20 °C, 14 V



Date: 7 AUG 2020 11:21:35

50 °C, 12 V