

APPENDIX B – TEST DATA OF RADIATED EMISSION

Note1:Both horizontal and vertical polarizations of the antenna are set to make the measurement.

Note2: Three-axis equipment has been evaluated in test.

Note3: The relevant tests have been performed in order to verify in which mode would have the worst features, the result show above is the worst case.

Note4: Accordingto PSD comparison, the worst case for 11a、11n and 11ax full RU is 11a, so 11a results are reflected in the report.

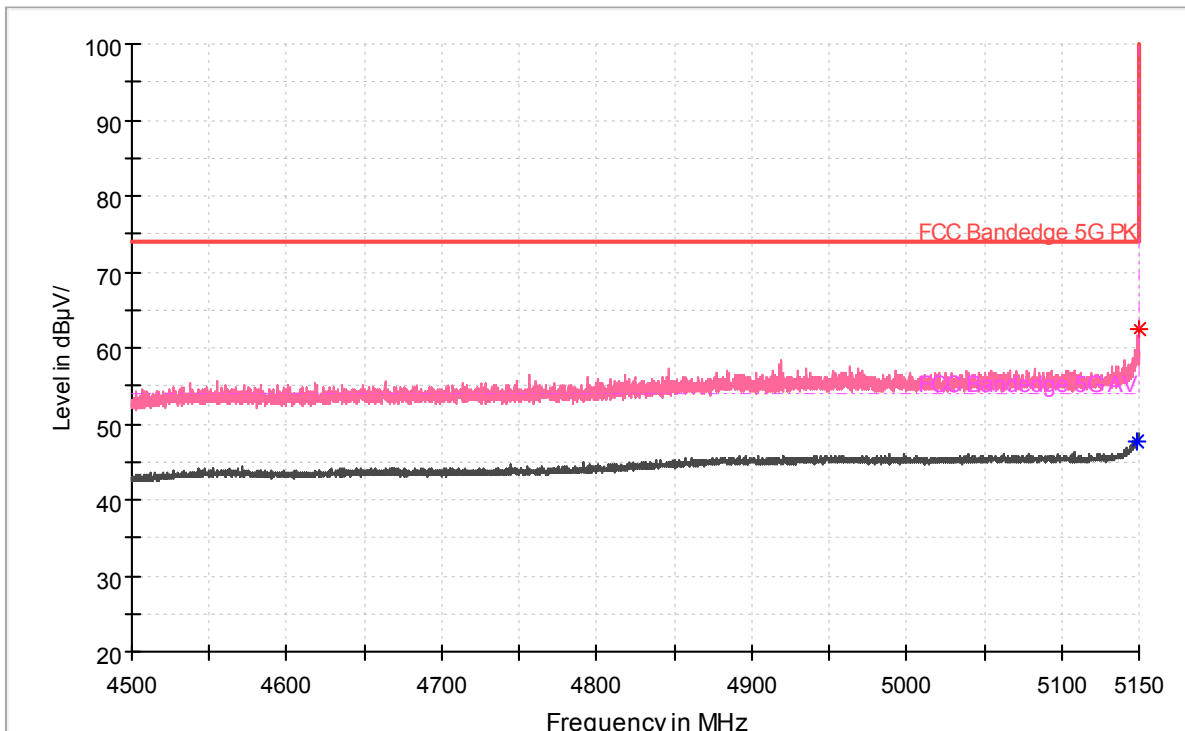
Note5: Accordingto PSD comparison, the worst case for 11ax partial RU and 11ax full RU is 11ax partial RU, so 11ax partial RU results are reflected in the report.

Note6:Accordingto PSD comparison, the worst case for 11ax partial RU is 26Tone, so 26 Tone results are reflected in the report.

Radiated Emission : unwanted emission

After comparison the worst case attitude is EUT vertical.

Full Spectrum



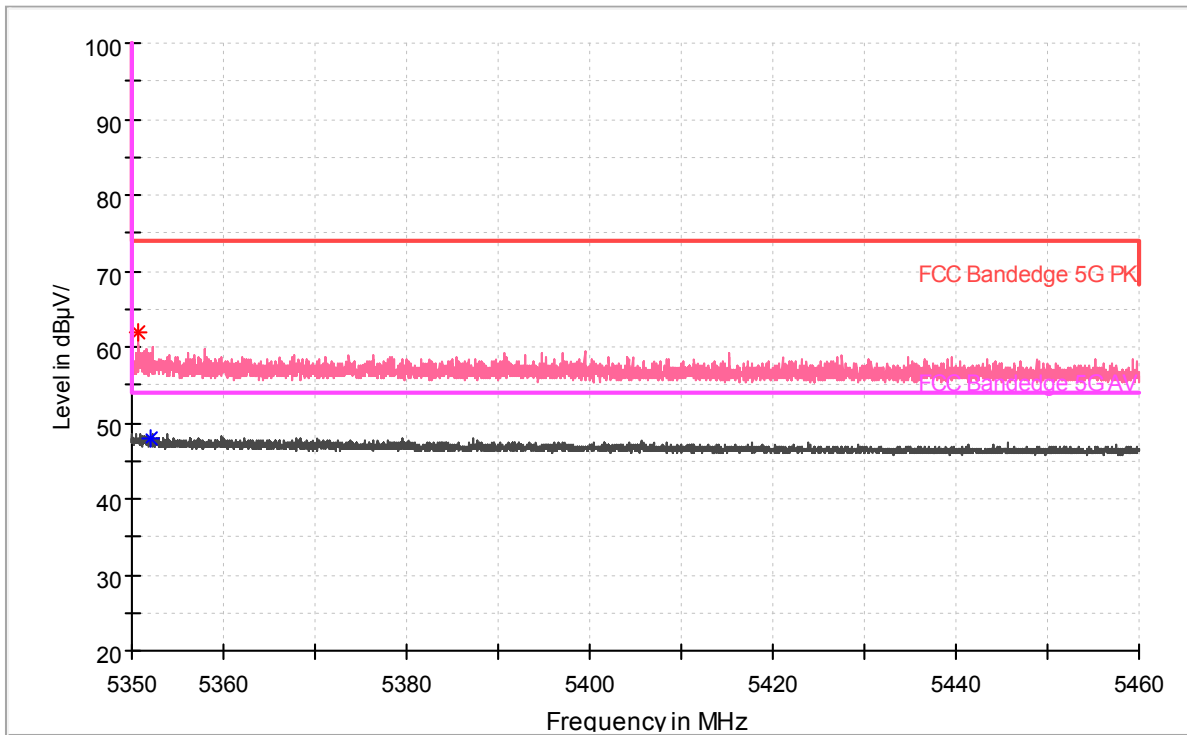
Radiated Emission Band Edge

Channel No.:36

Test Mode: 802.11a

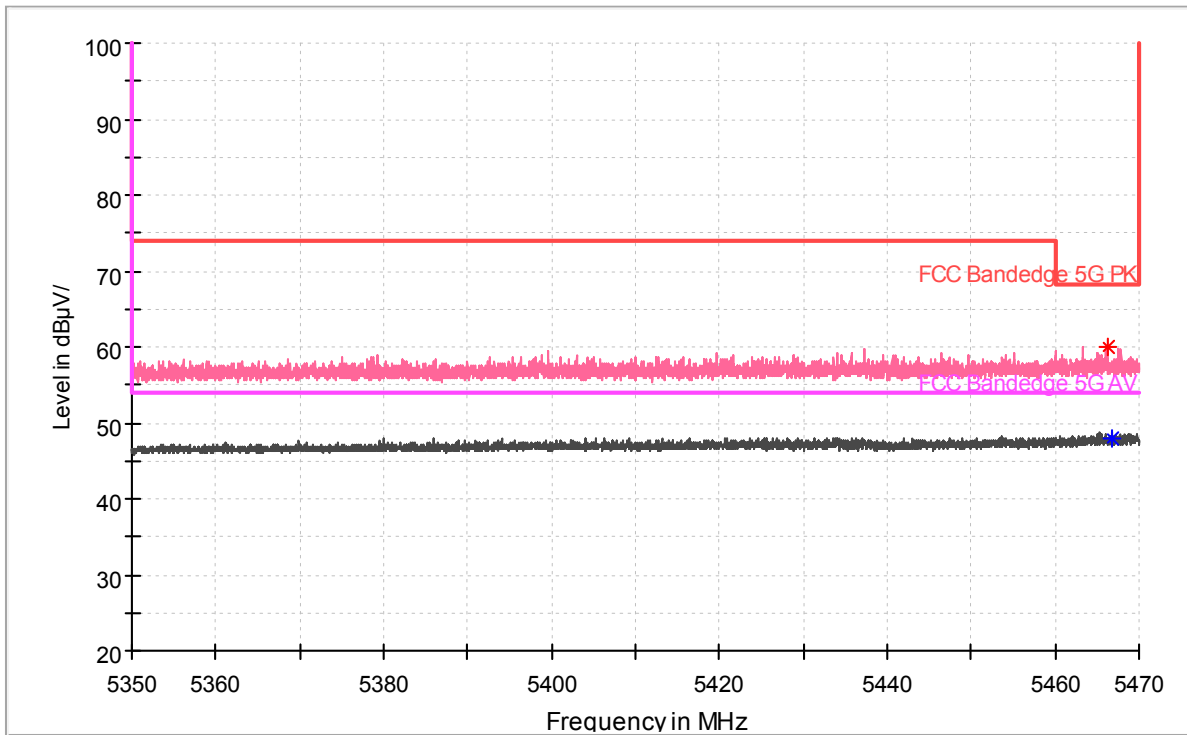
Polarization: V

Full Spectrum



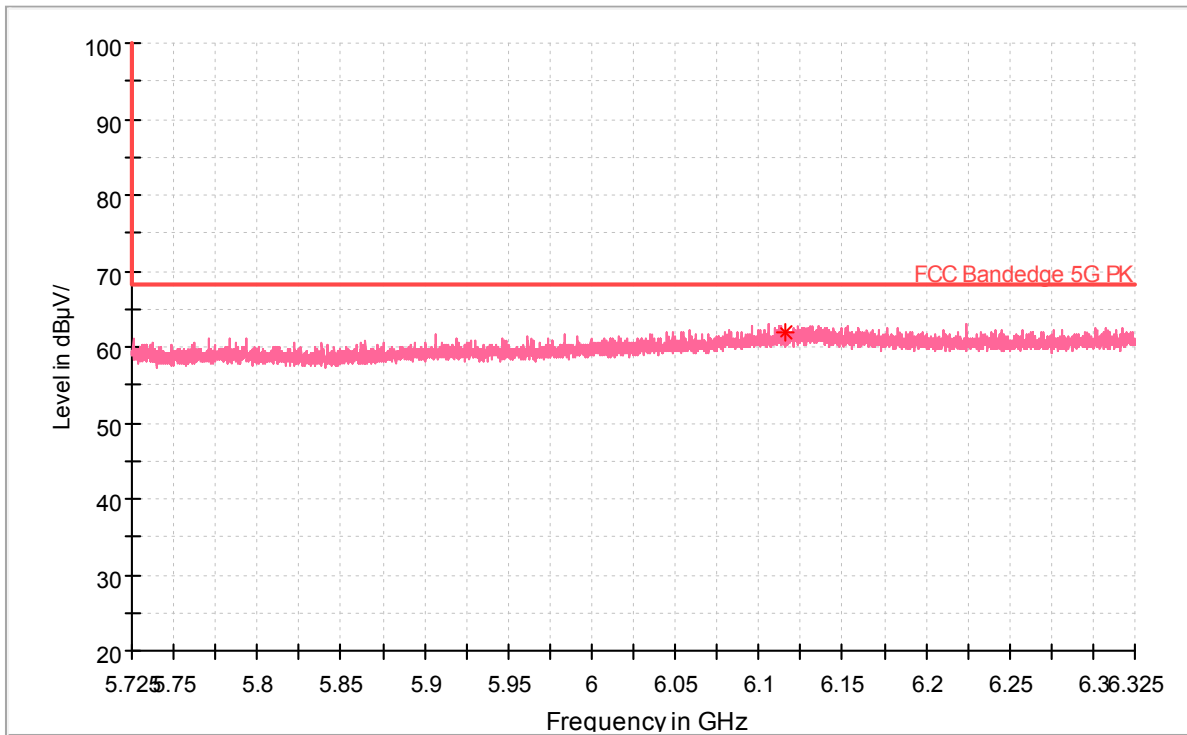
Radiated Emission Band Edge
Channel No.:64
Test Mode: 802.11a
Polarization: V

Full Spectrum



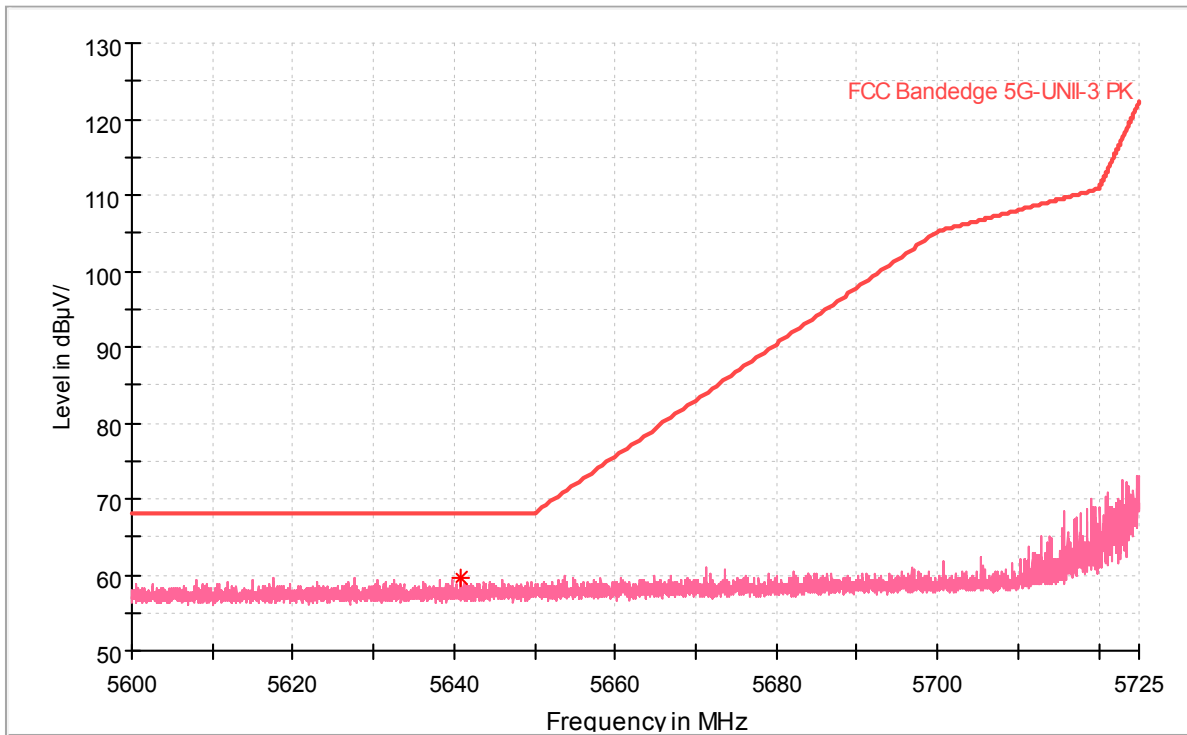
Radiated Emission Band Edge
Channel No.:100
Test Mode: 802.11a
Polarization: V

Full Spectrum



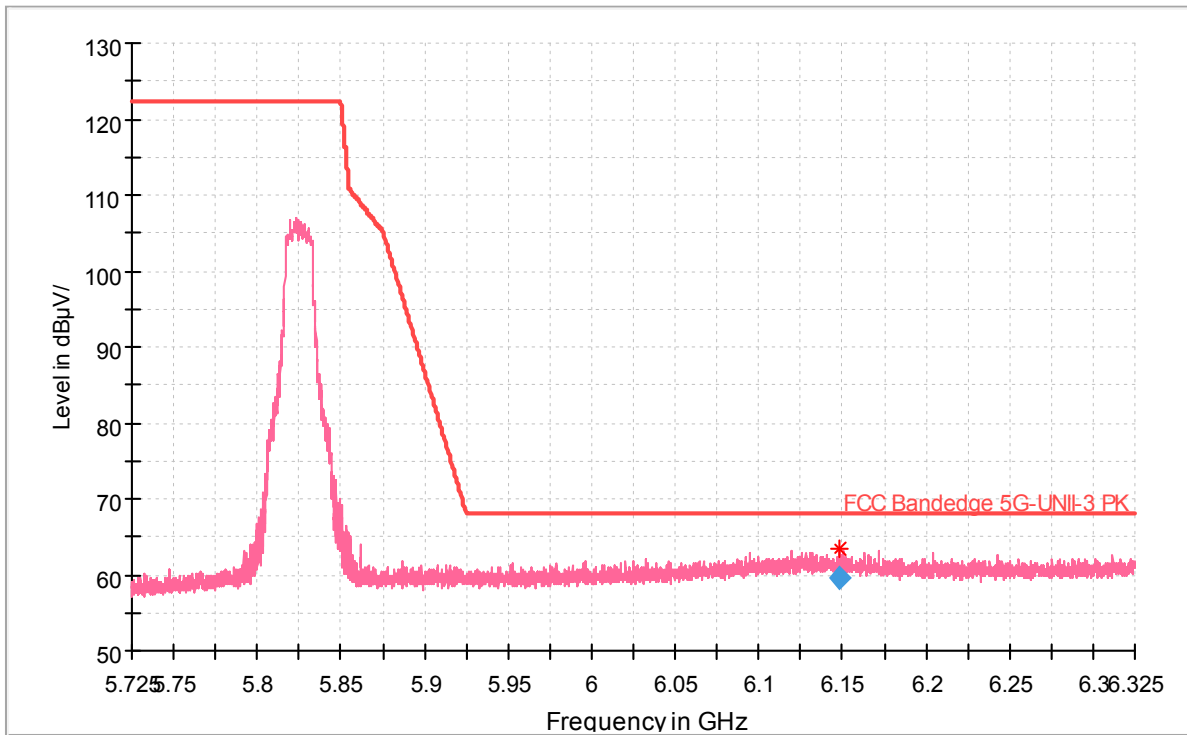
Radiated Emission Band Edge
Channel No.:140
Test Mode: 802.11a
Polarization: V

Full Spectrum



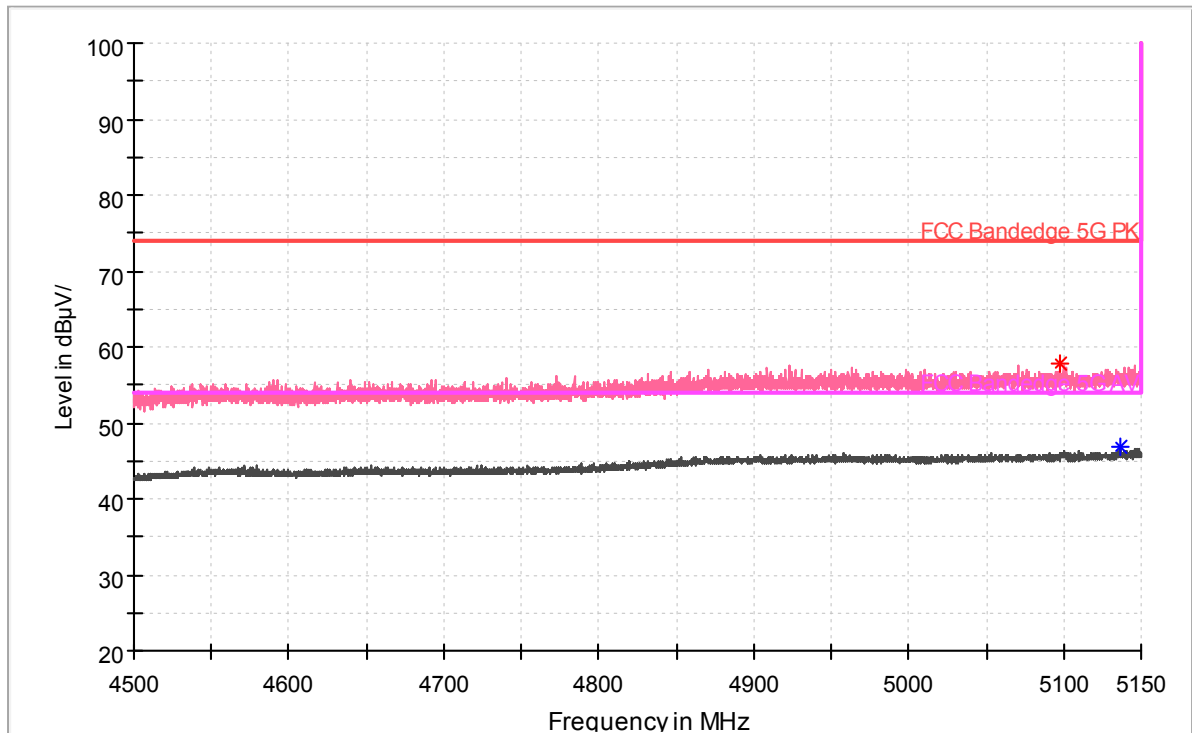
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11a
Polarization: V

Full Spectrum



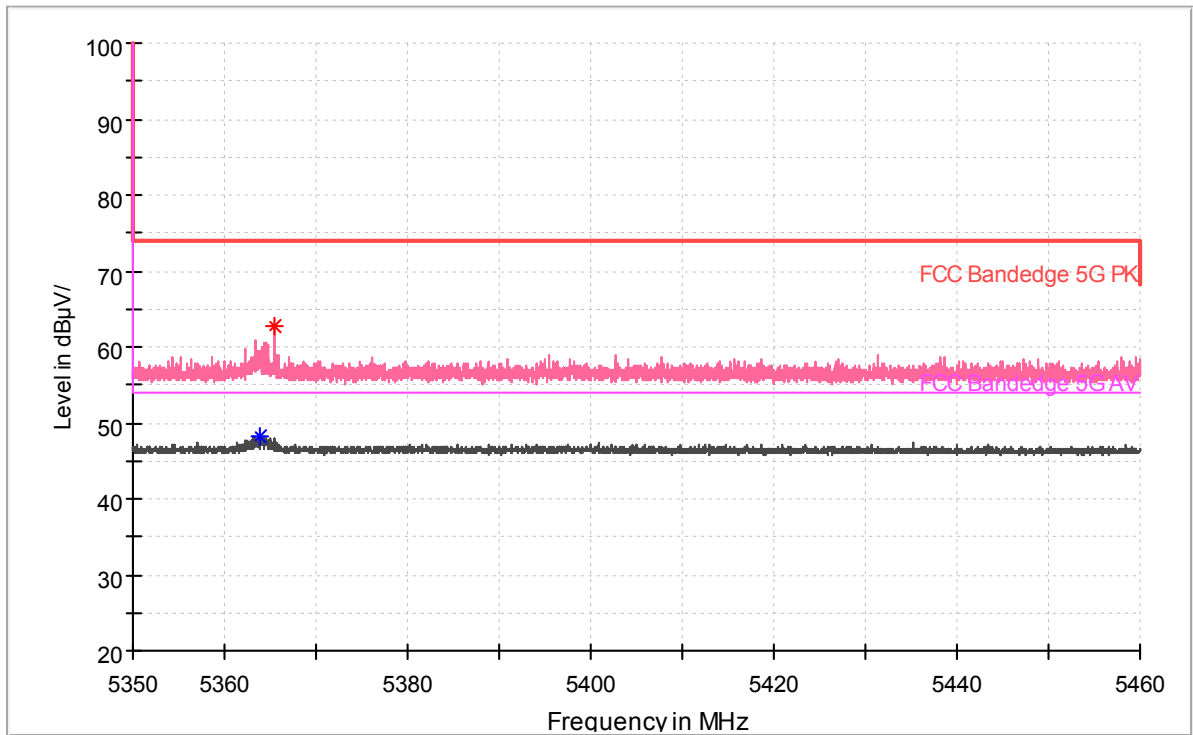
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11a
Polarization: V

Full Spectrum



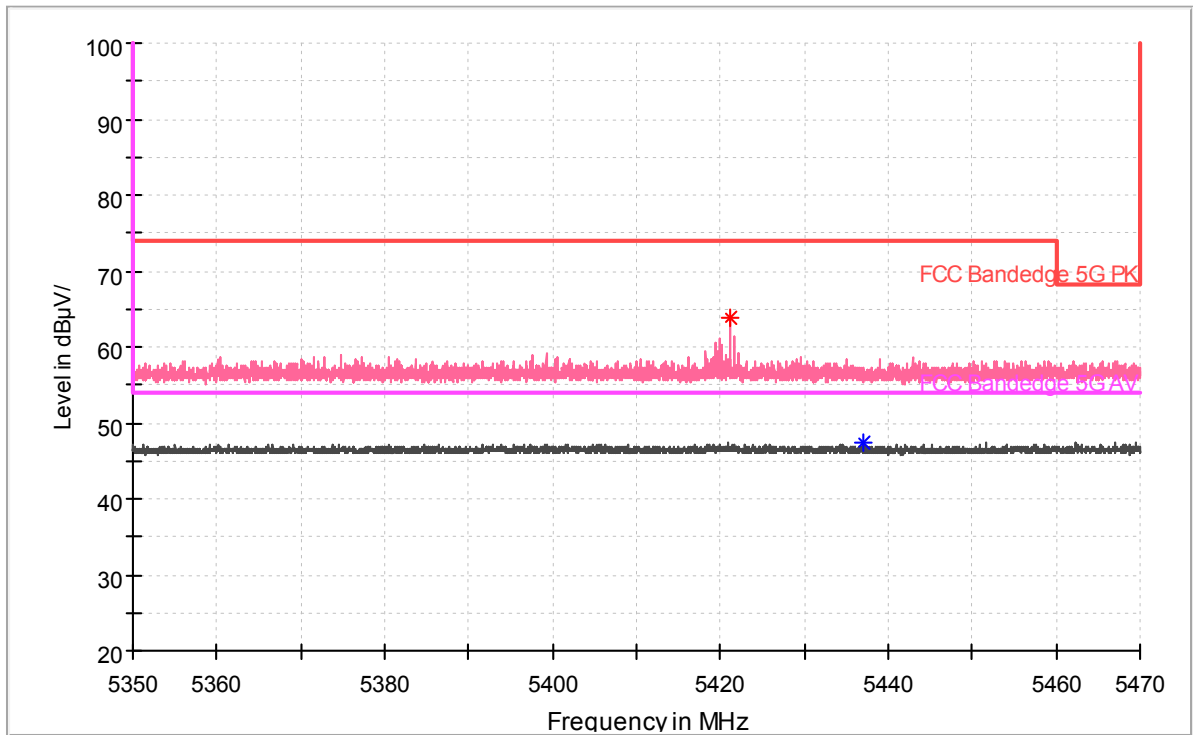
Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11ax HE20:26T
Polarization: V

Full Spectrum



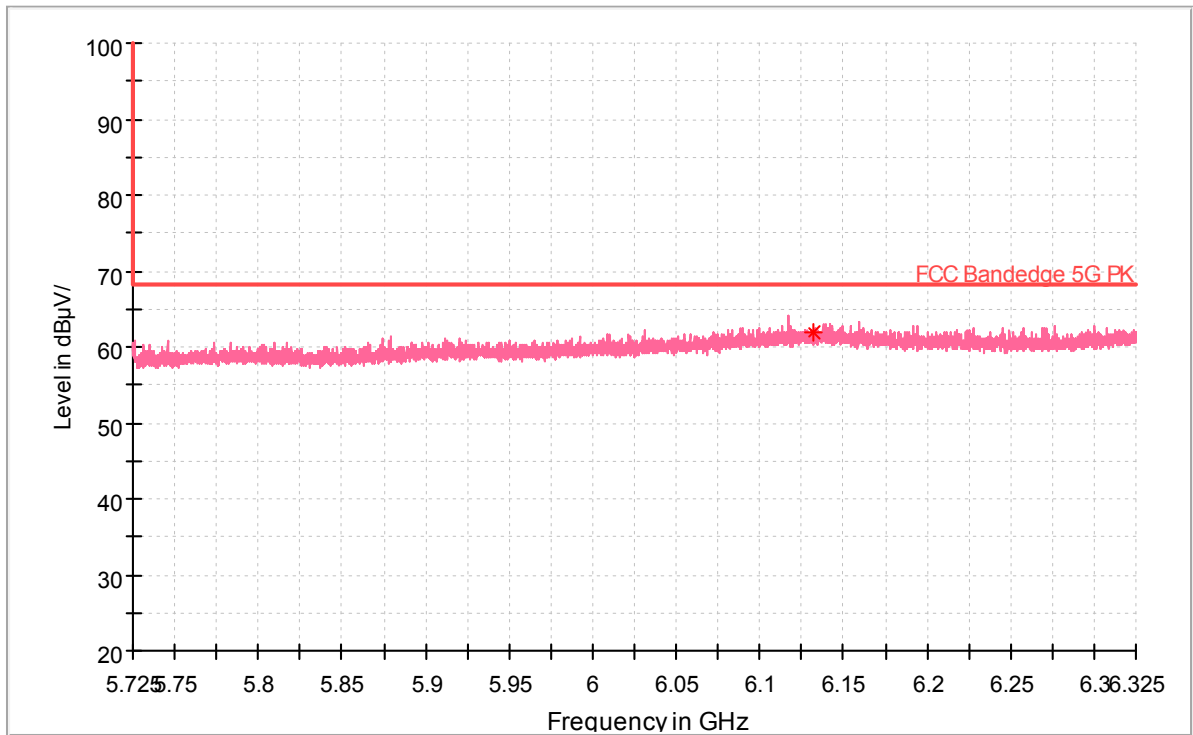
Radiated Emission Band Edge
Channel No.:64
Test Mode: 802.11ax HE20:26T
Polarization: V

Full Spectrum



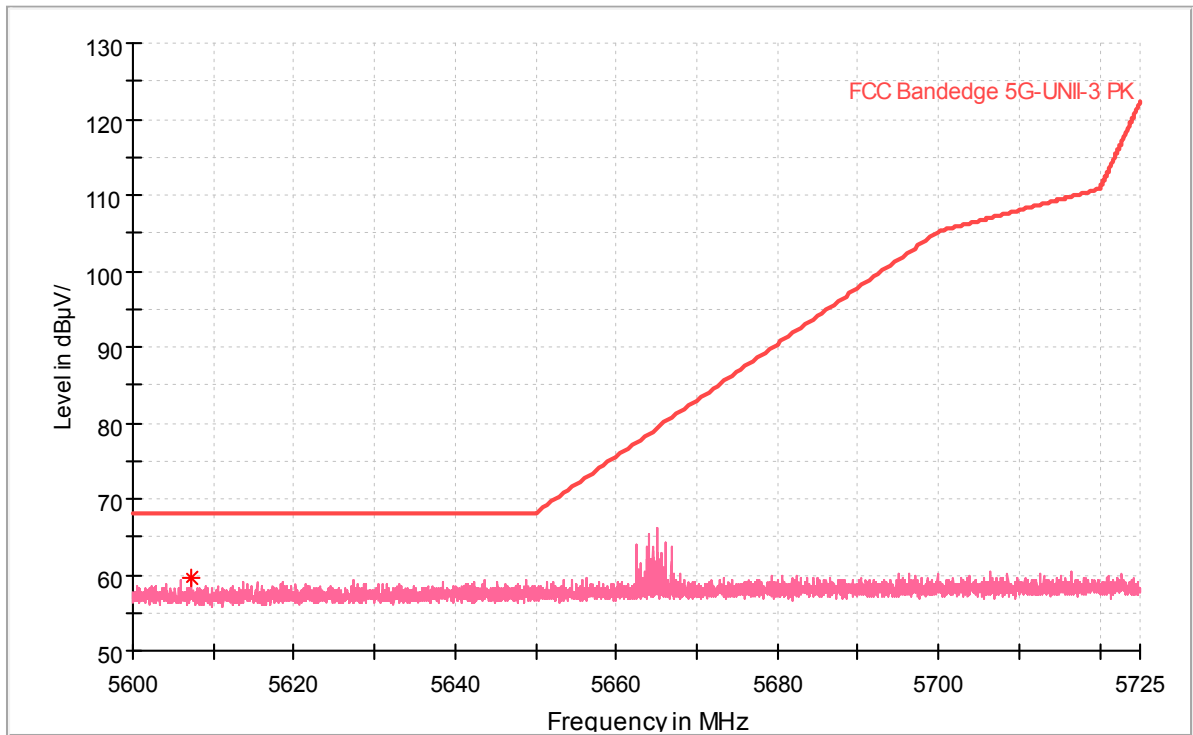
Radiated Emission Band Edge
Channel No.:102
Test Mode: 802.11ax HE40:26T
Polarization: V

Full Spectrum



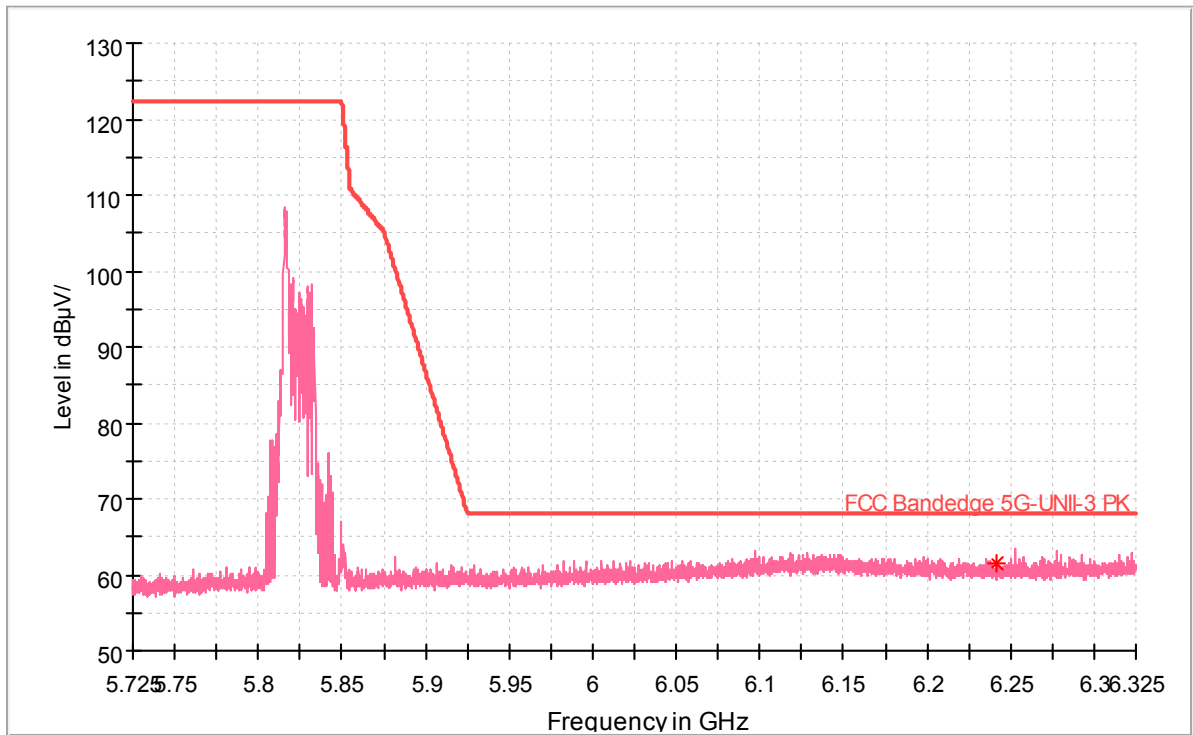
Radiated Emission Band Edge
Channel No.:134
Test Mode: 802.11ax HE40:26T
Polarization: V

Full Spectrum



Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11ax HE40:26T
Polarization: V

Full Spectrum



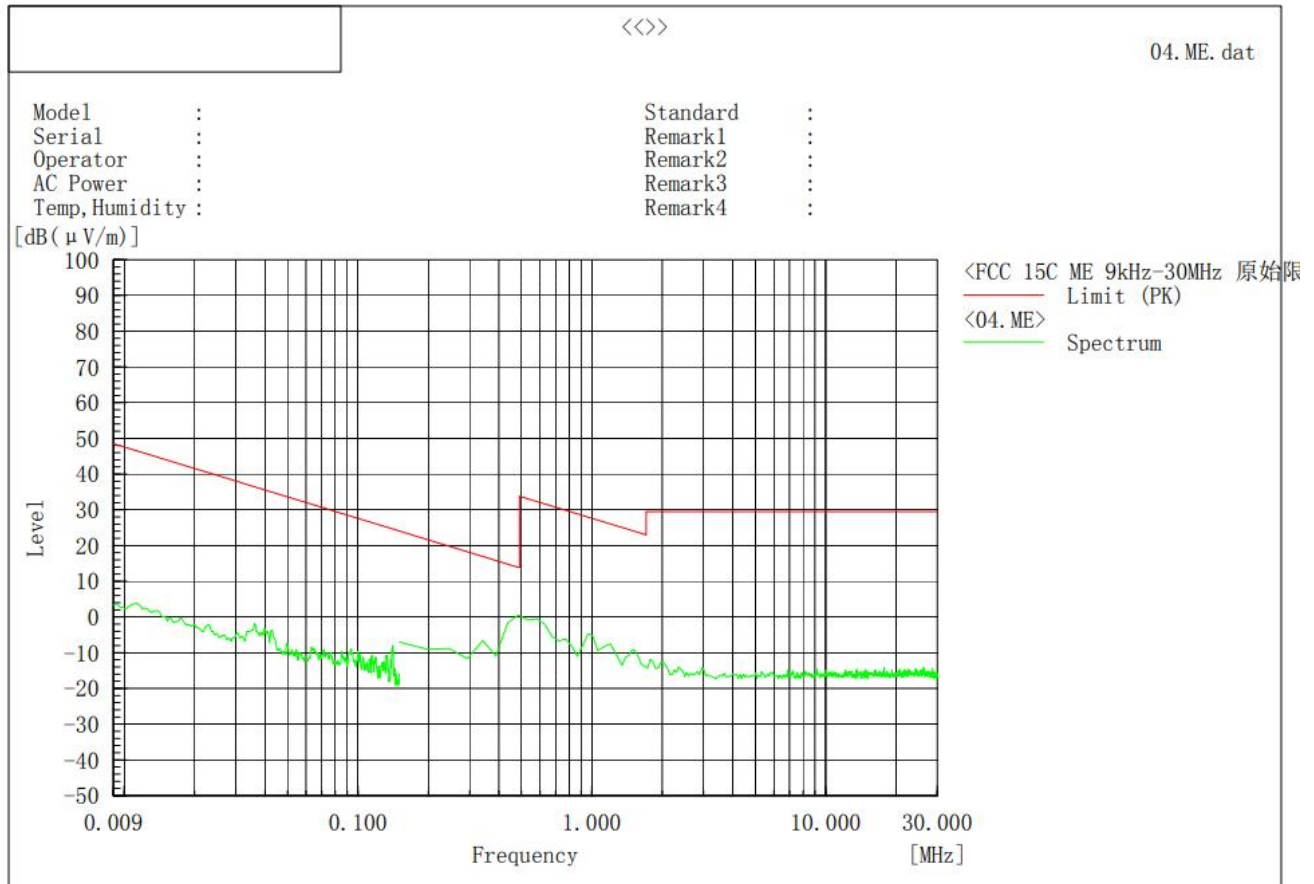
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11ax HE20:26T
Polarization: V

Radiated Emission : unwanted emission

After comparison,the worst case attitude is EUT lay down

Carrier frequency (MHz): 5220

Channel No.44

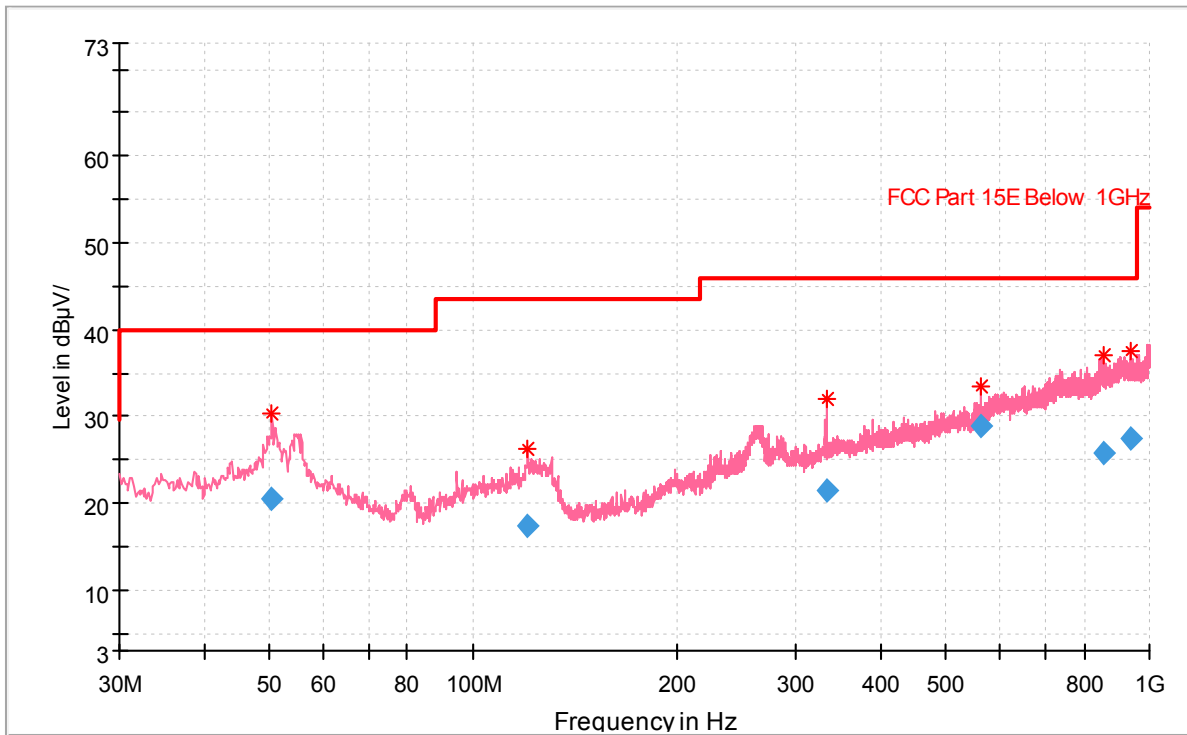


Frequency Range: 9kHz -30MHz

Detector: QP mode

Note: The relevant tests have been performed in order to verify in which mode would have the worst features, the result show above is the worst case.

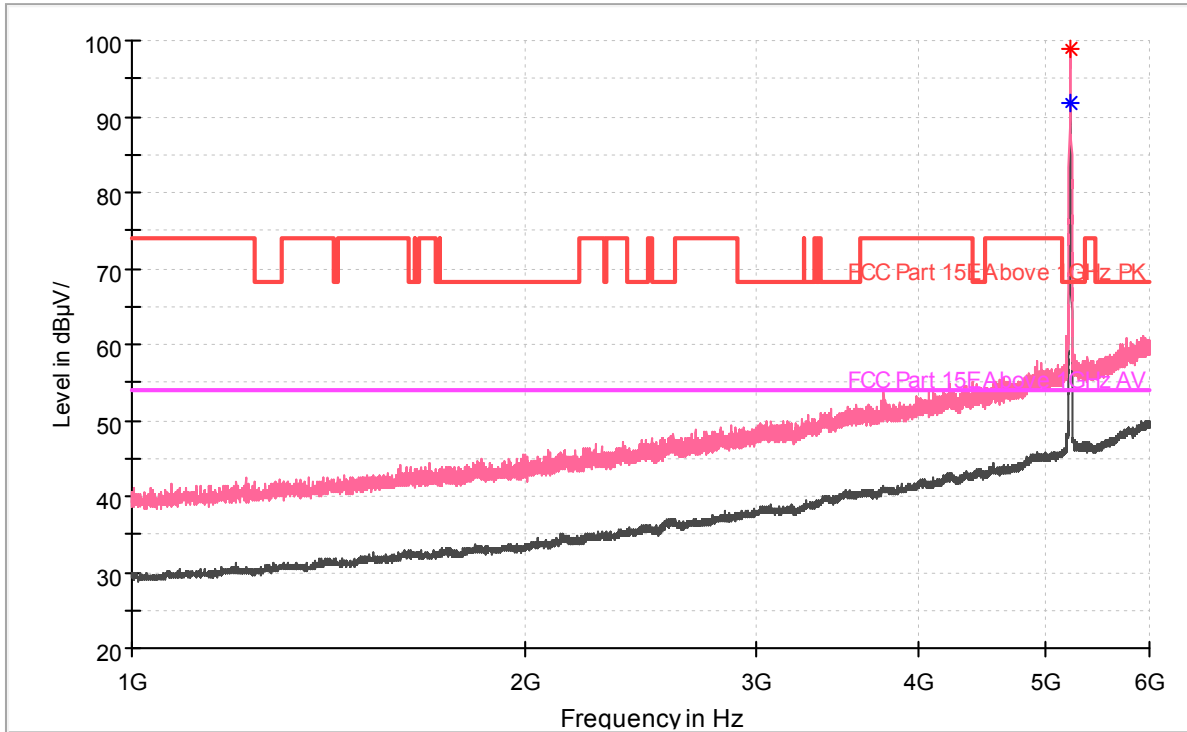
Full Spectrum



Frequency Range: 30MHz -1GHz
Detector: QP mode

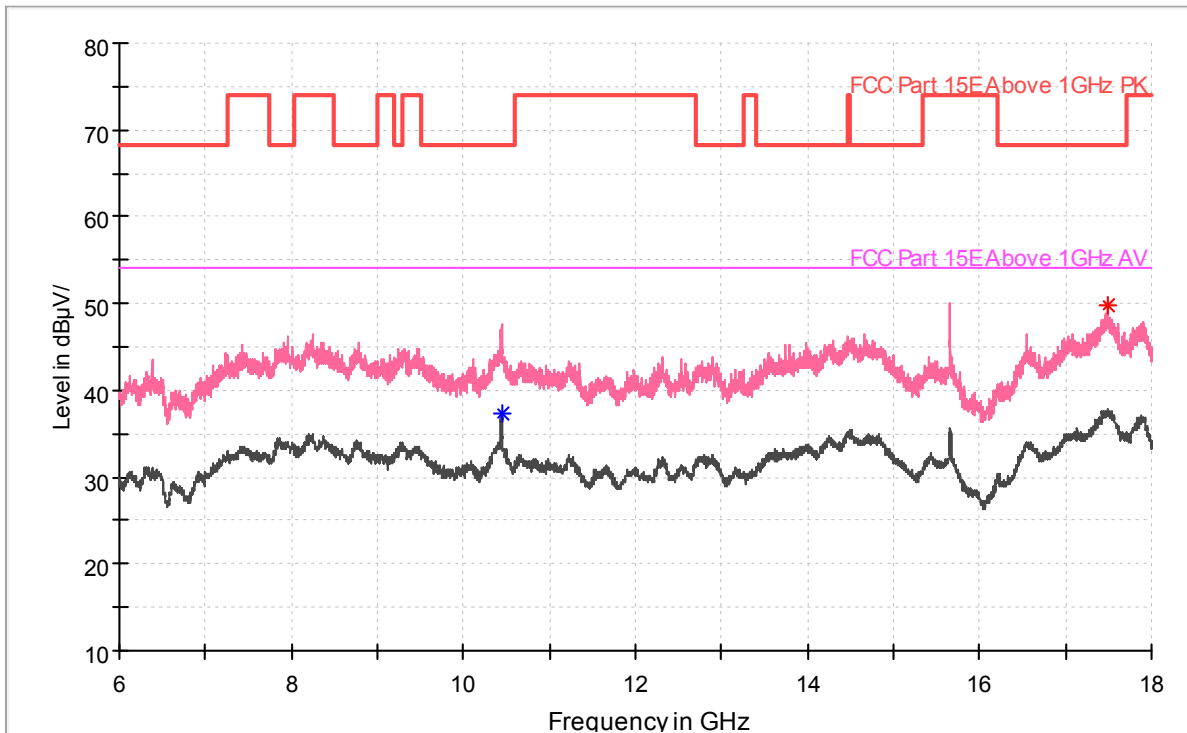
Carrier frequency (MHz): 5220
Channel No.44

Full Spectrum



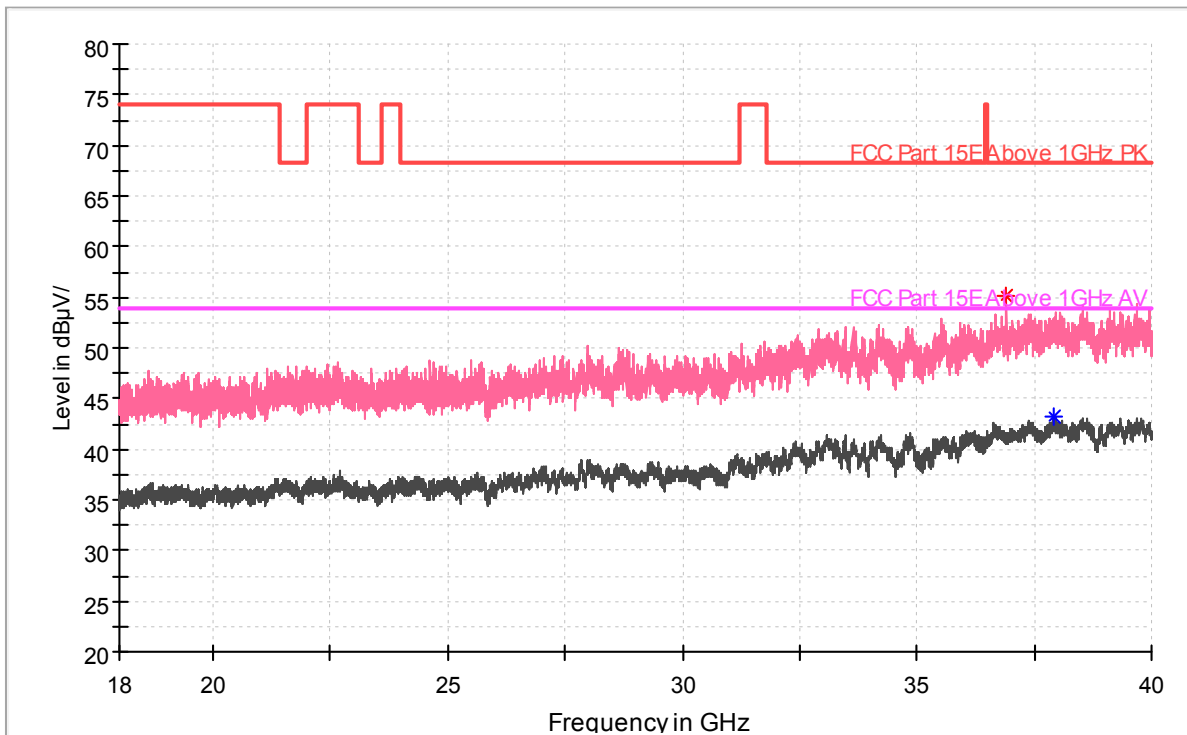
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum

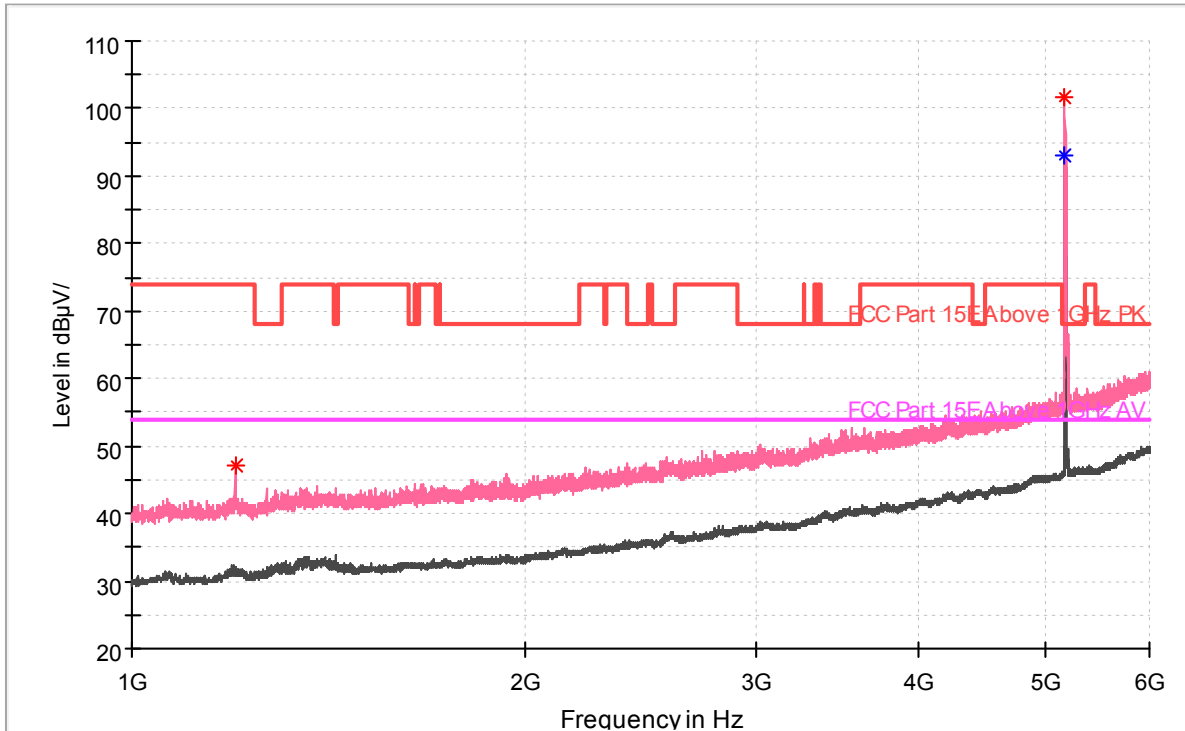


Frequency Range: 18GHz -40GHz

Detector: Av mode and PK mode
Modulation type: 802.11a

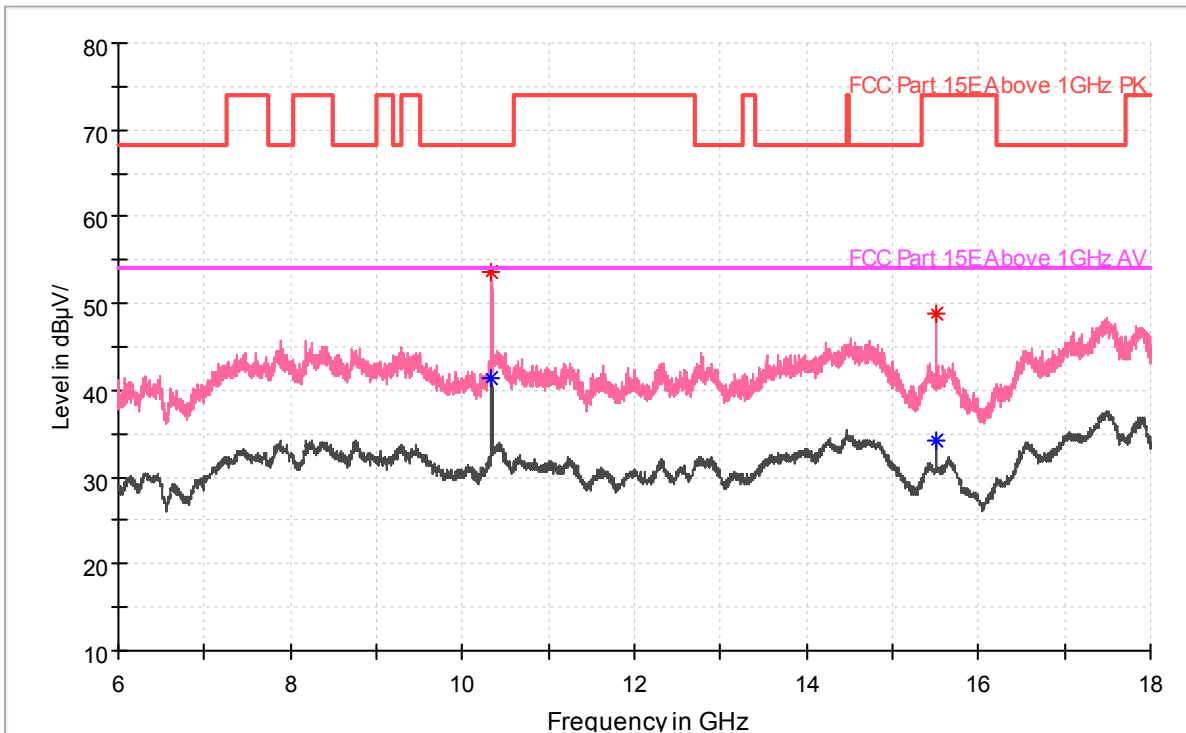
Carrier frequency (MHz): 5180
Channel No.36

Full Spectrum



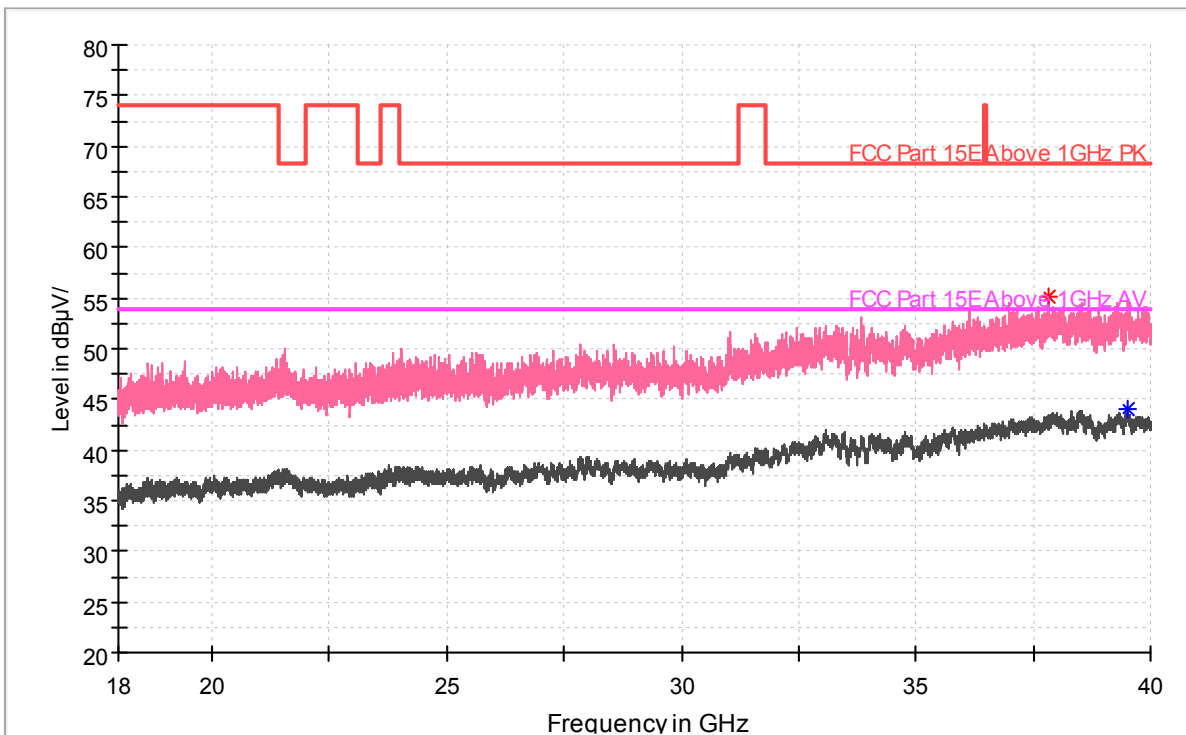
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11ax HE20:26T

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11ax HE20:26T

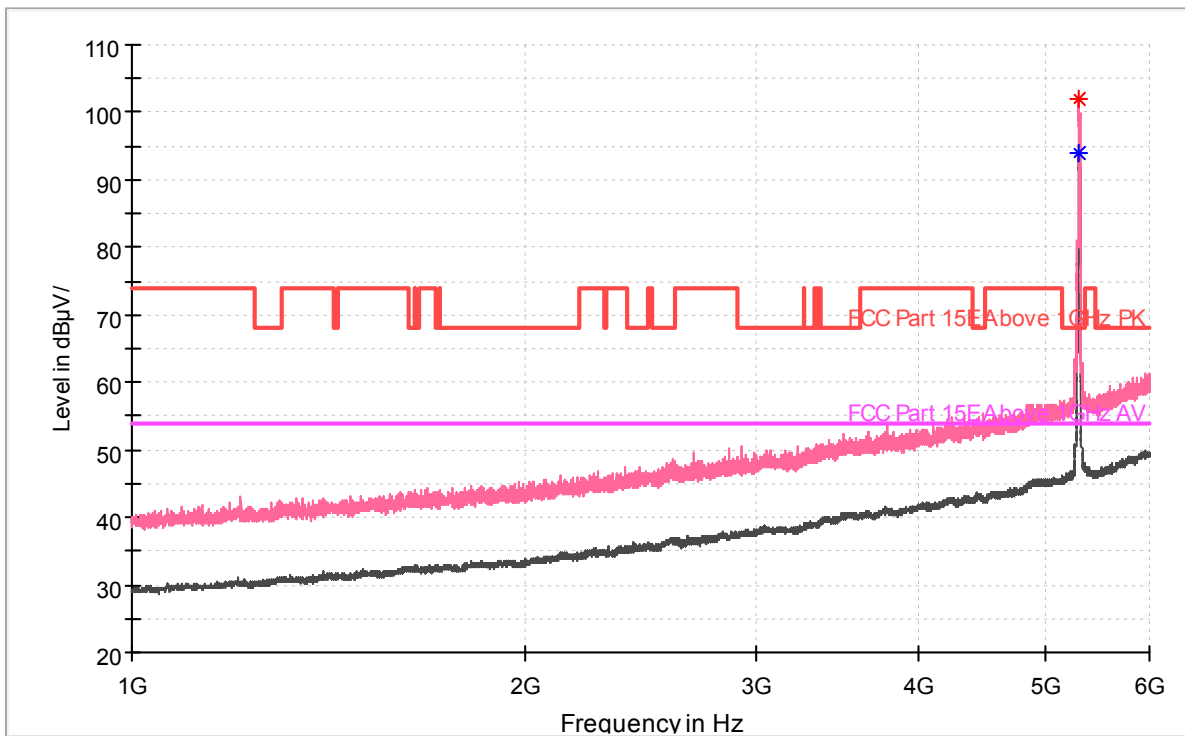
Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11ax HE20:26T

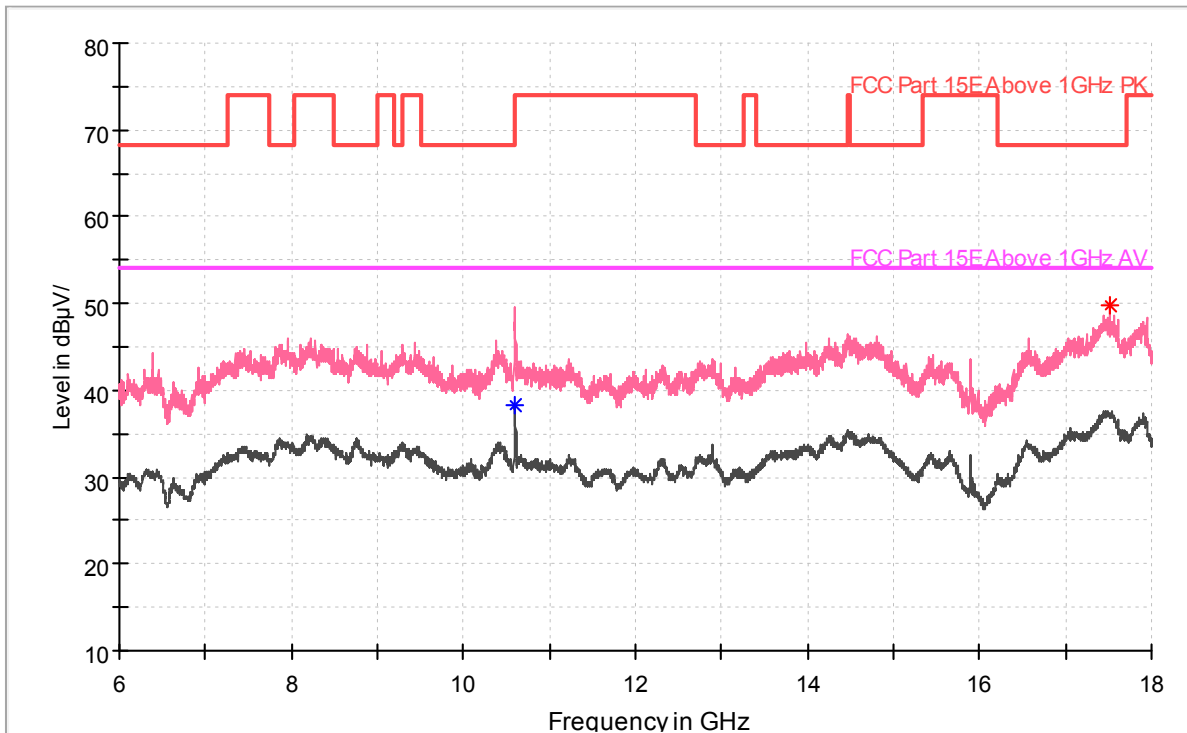
Carrier frequency (MHz): 5300
Channel No.:60

Full Spectrum



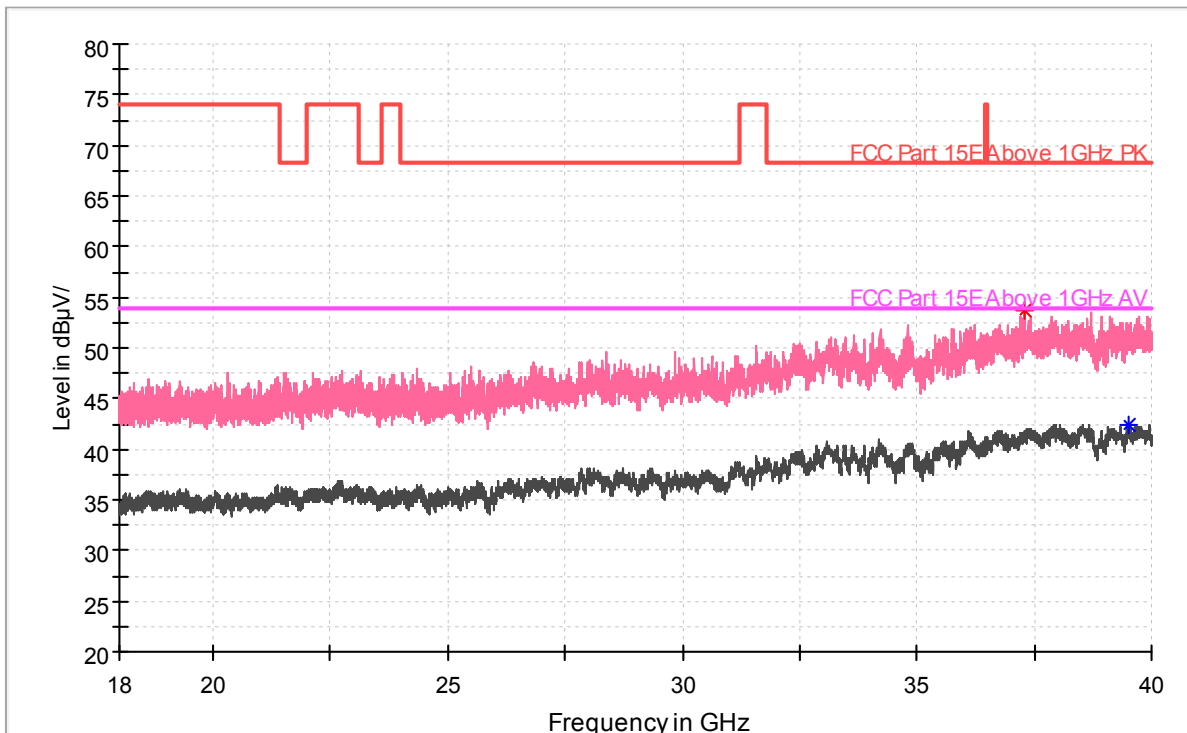
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum

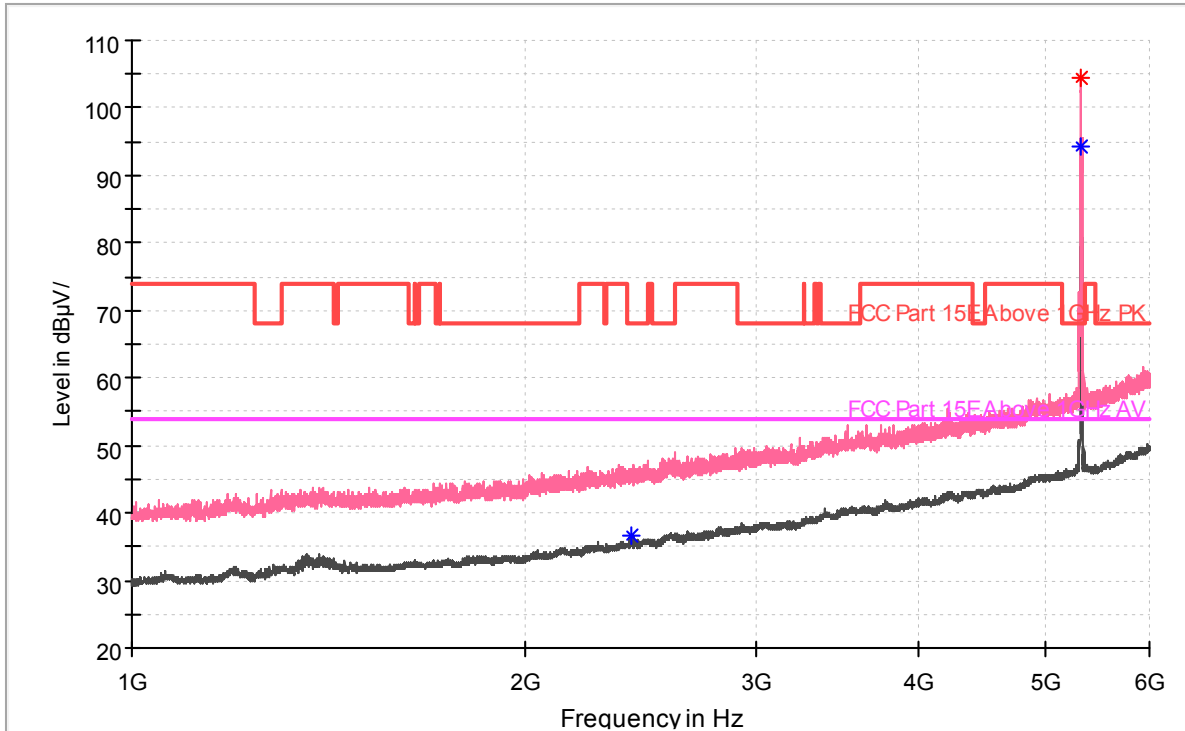


Frequency Range: 18GHz -40GHz

Detector: Av mode and PK mode
Modulation type: 802.11a

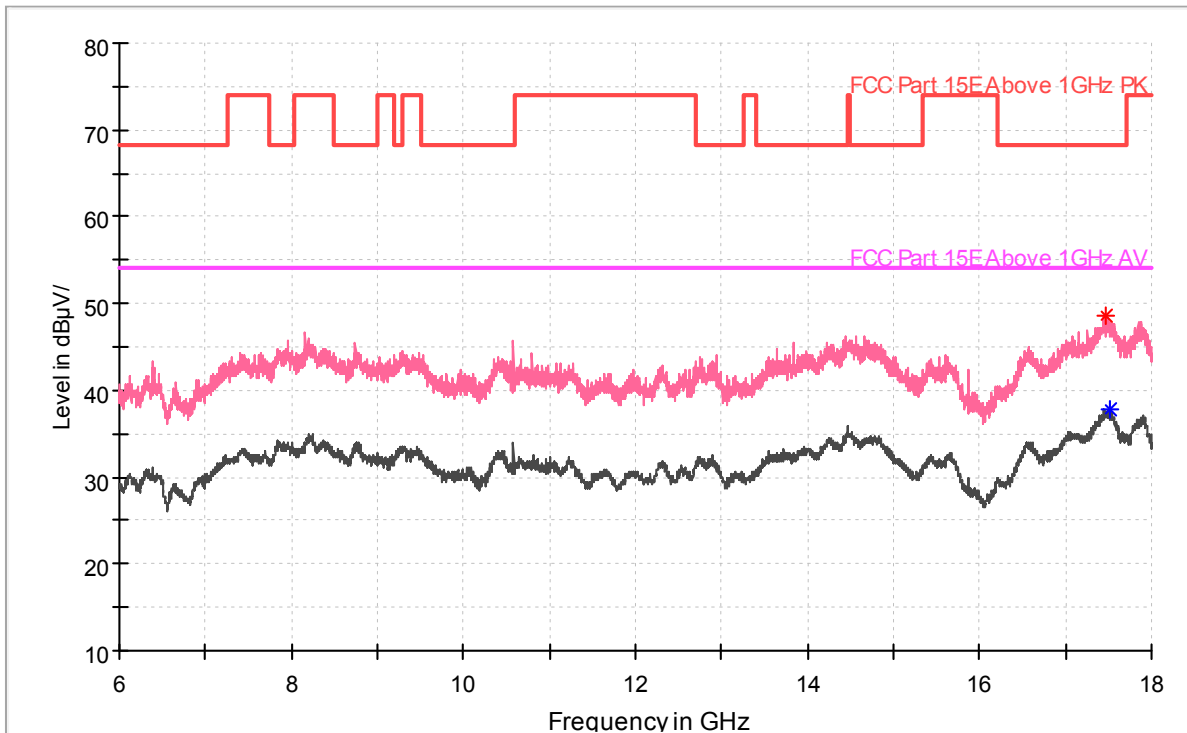
Carrier frequency (MHz): 5320
Channel No.64

Full Spectrum



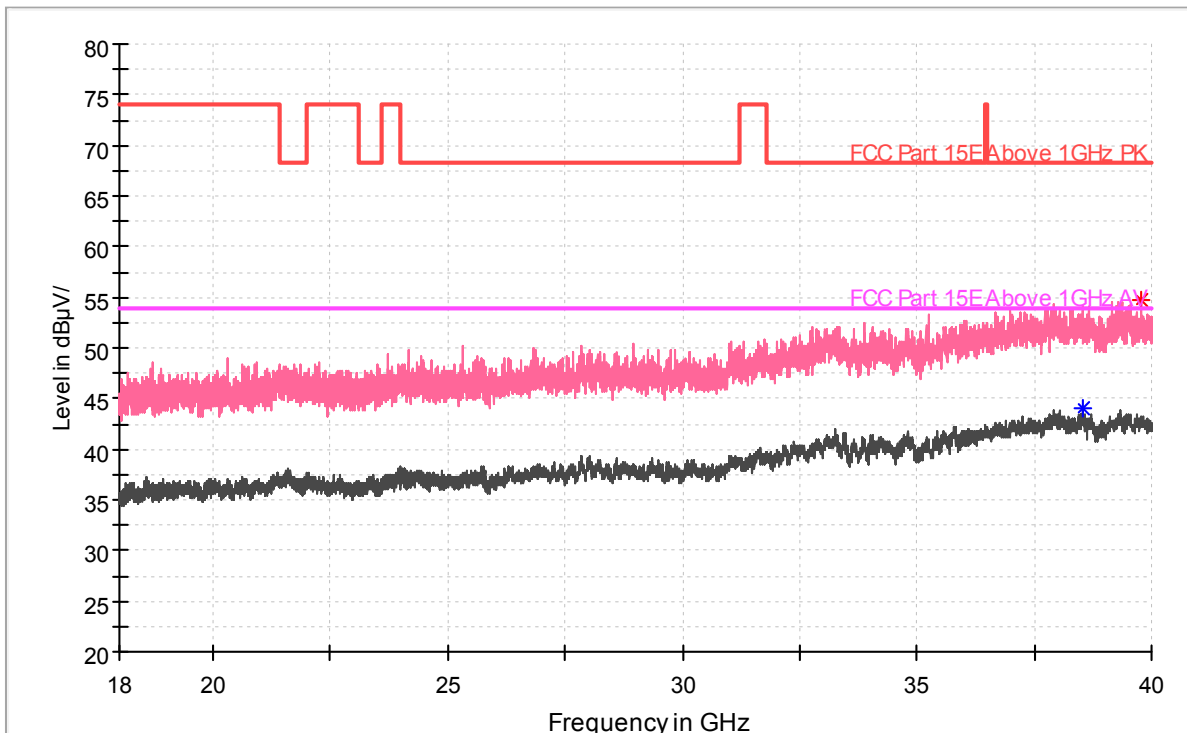
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11ax HE20:26T

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11ax HE20:26T

Full Spectrum

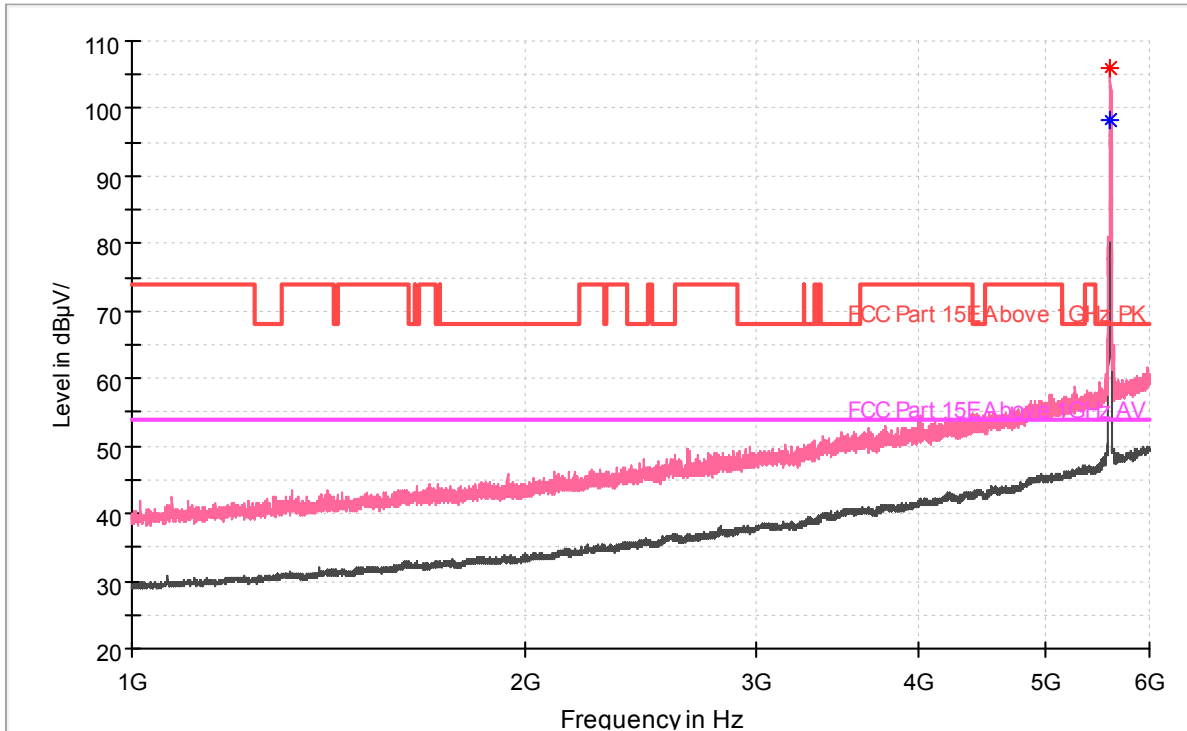


Frequency Range: 18GHz -40GHz

Detector: Av mode and PK mode
Modulation type: 802.11ax HE 20:26T

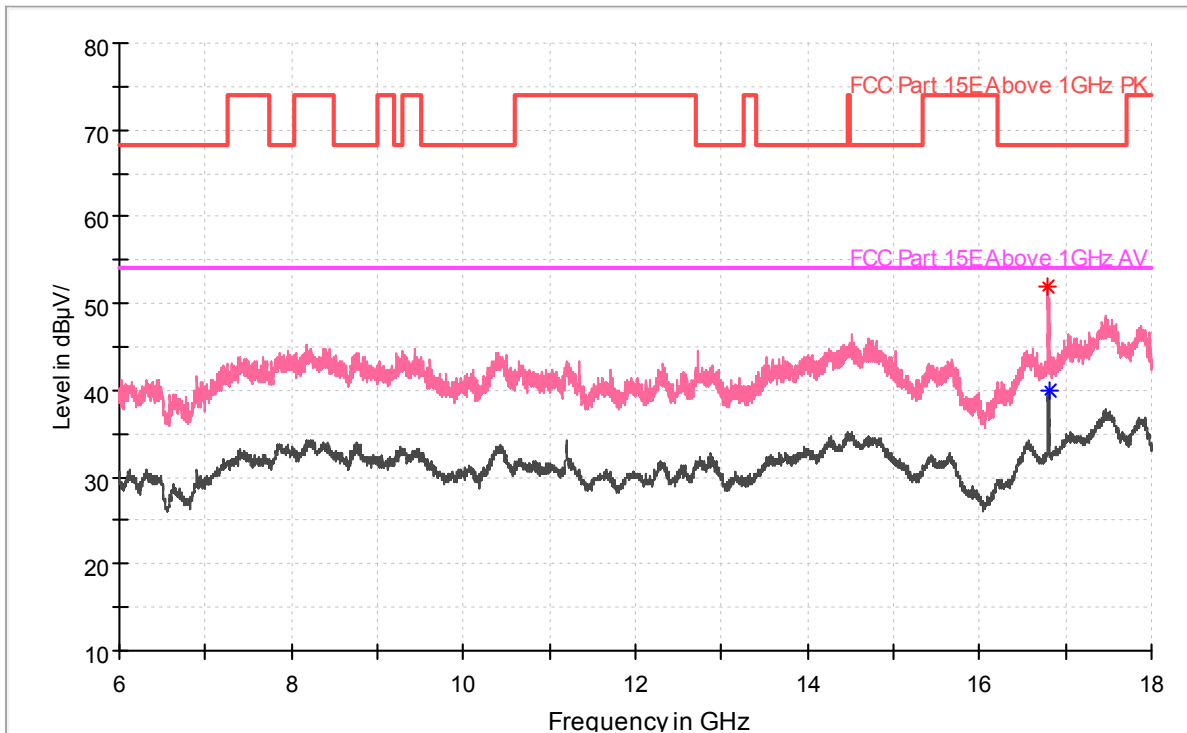
Carrier frequency (MHz): 5580
Channel No.:116

Full Spectrum



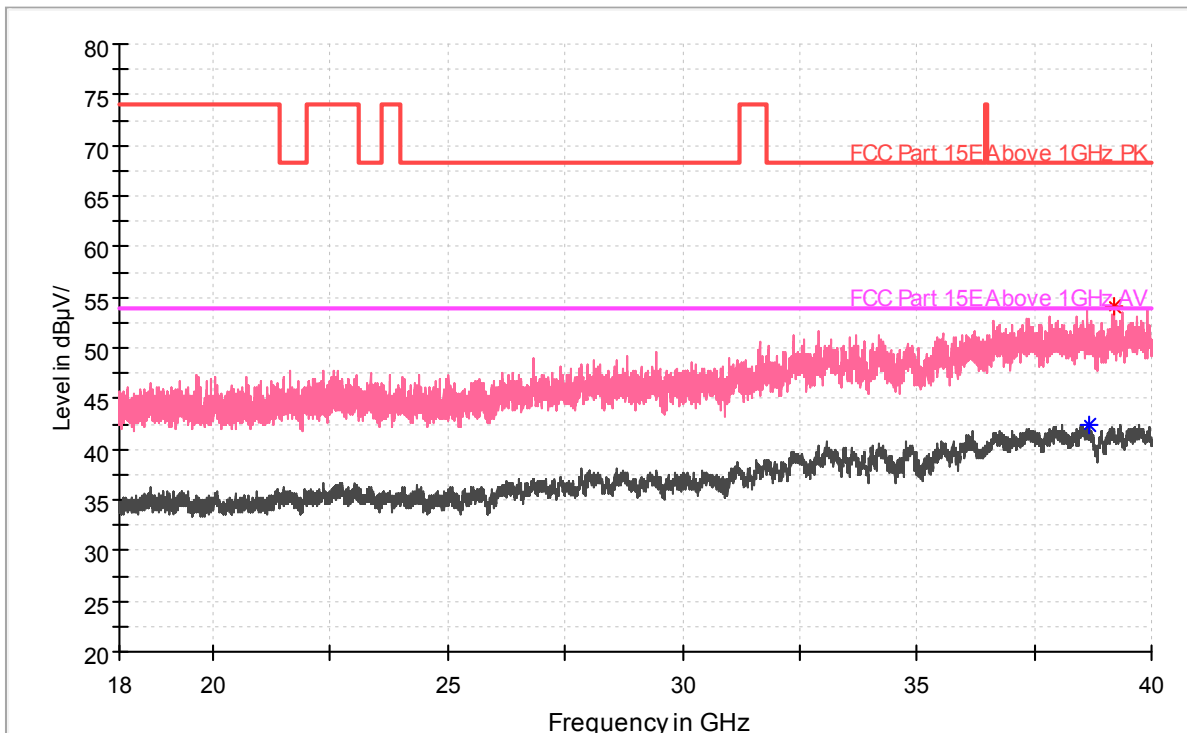
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum

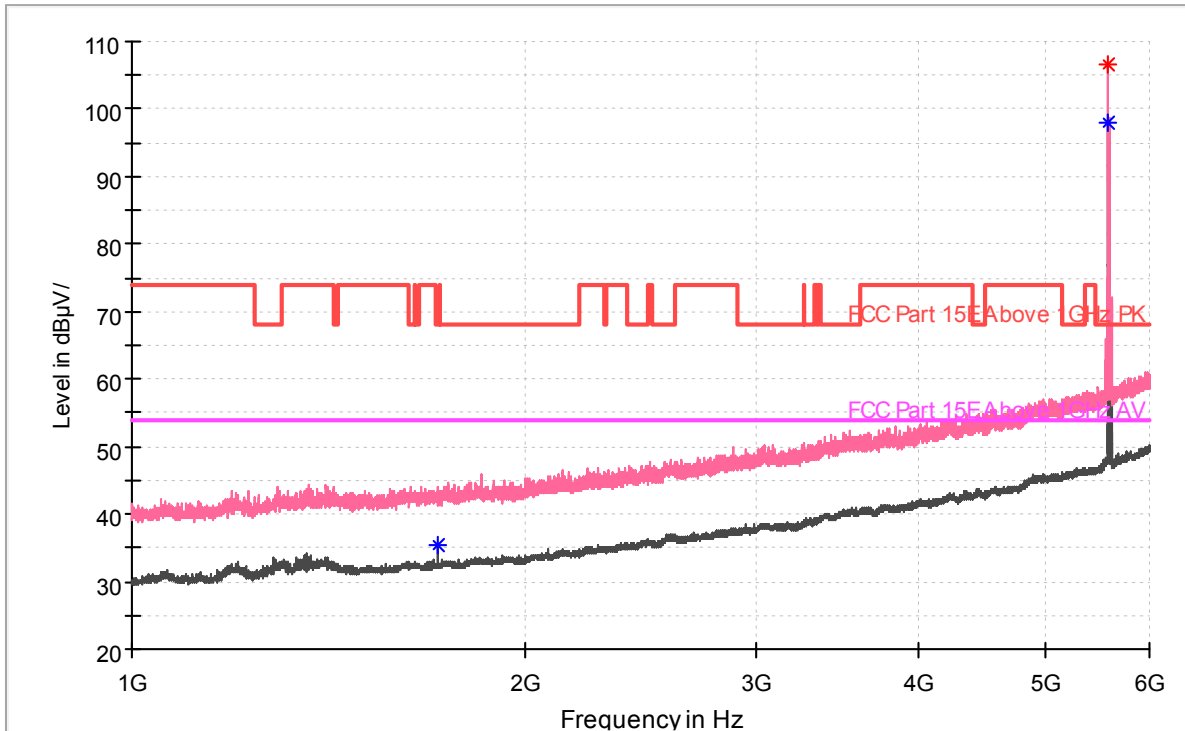


Frequency Range: 18GHz -40GHz

Detector: Av mode and PK mode
Modulation type: 802.11a

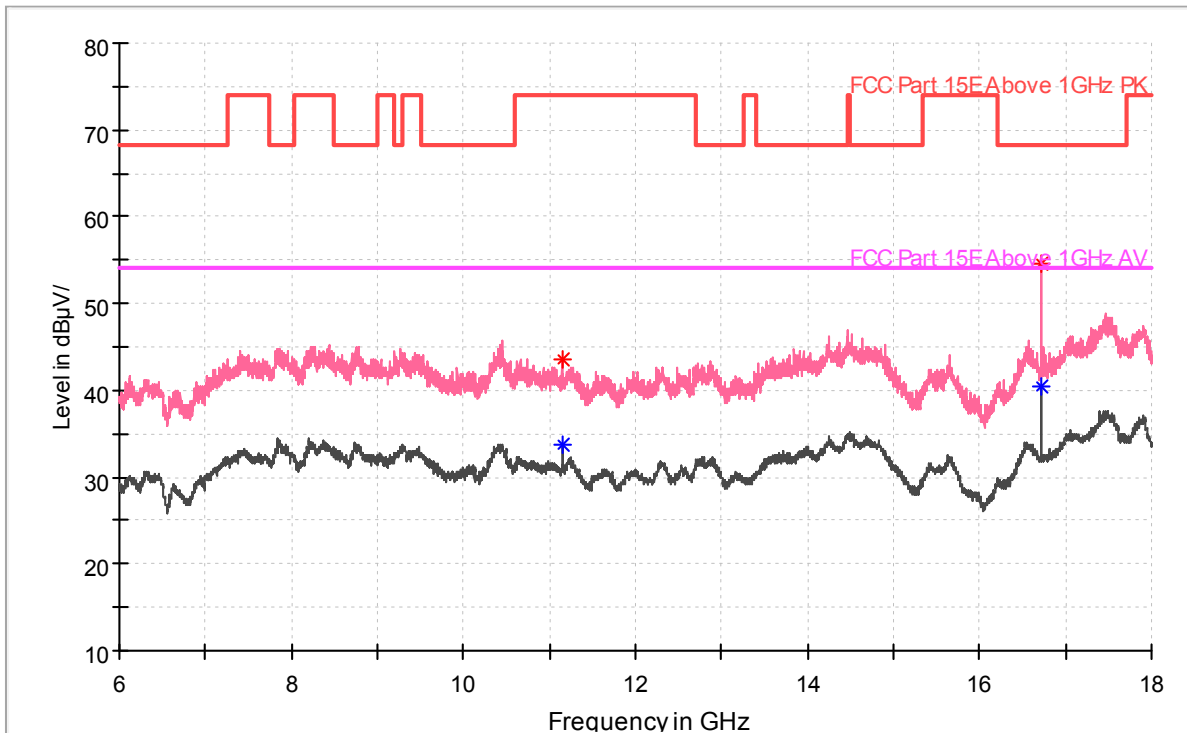
Carrier frequency (MHz): 5580
Channel No.:116

Full Spectrum



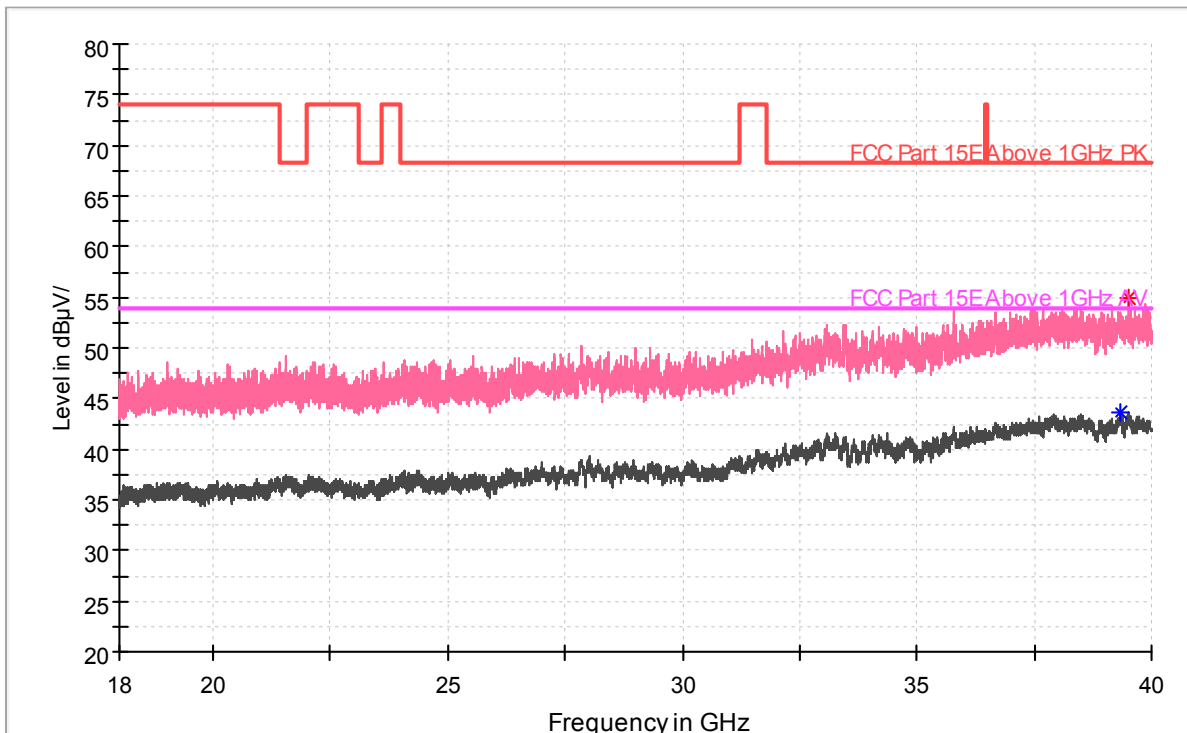
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11ax HE20:26T

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11ax HE20:26T

Full Spectrum

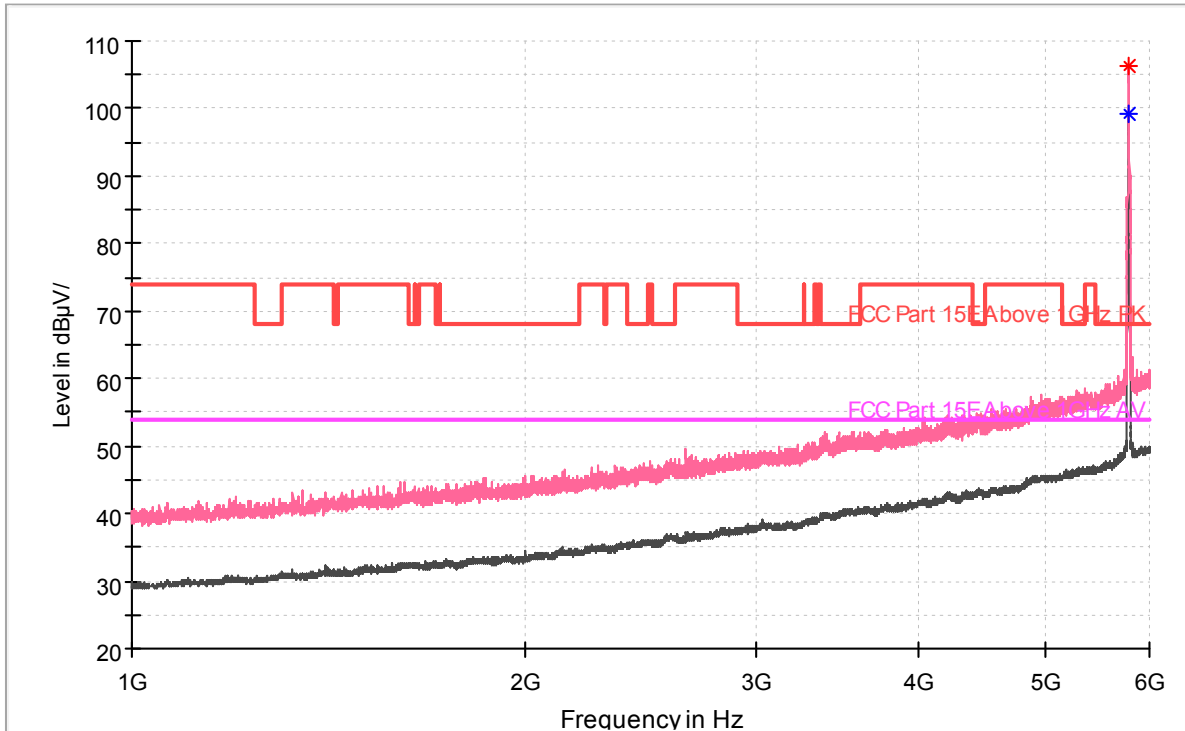


Frequency Range: 18GHz -40GHz

Detector: Av mode and PK mode
Modulation type: 802.11ax HE20:26T

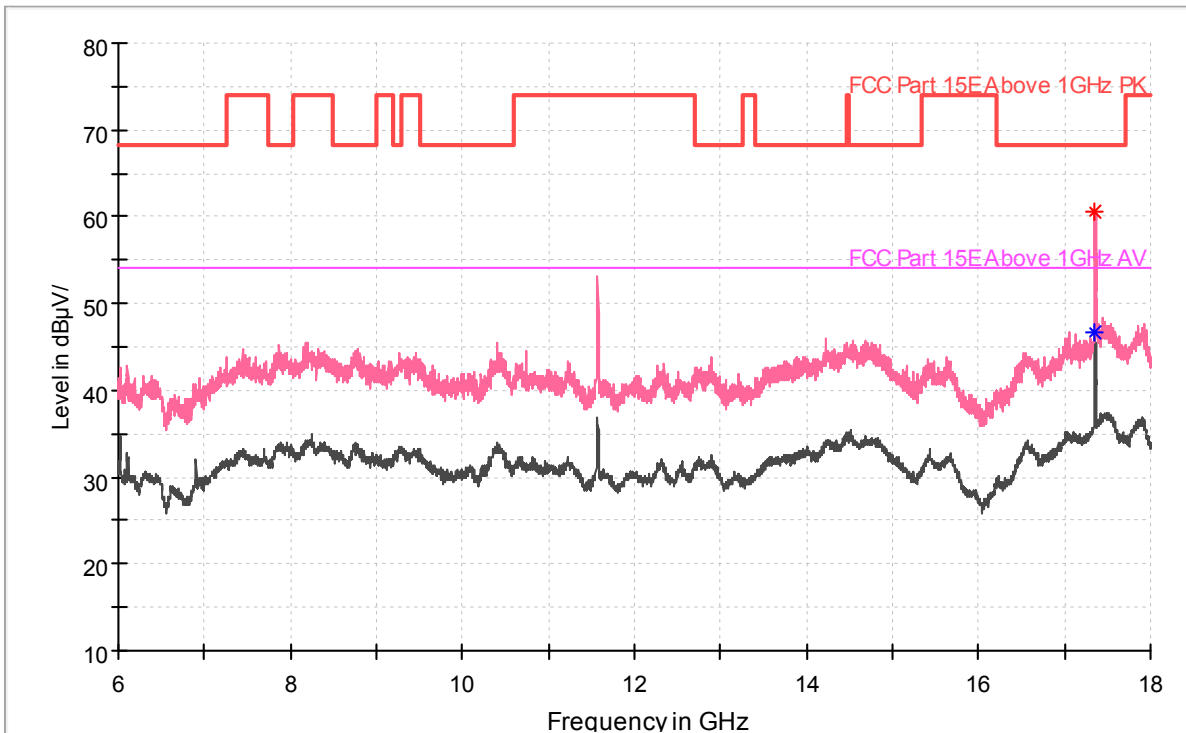
Carrier frequency (MHz): 5785
Channel No.:157

Full Spectrum



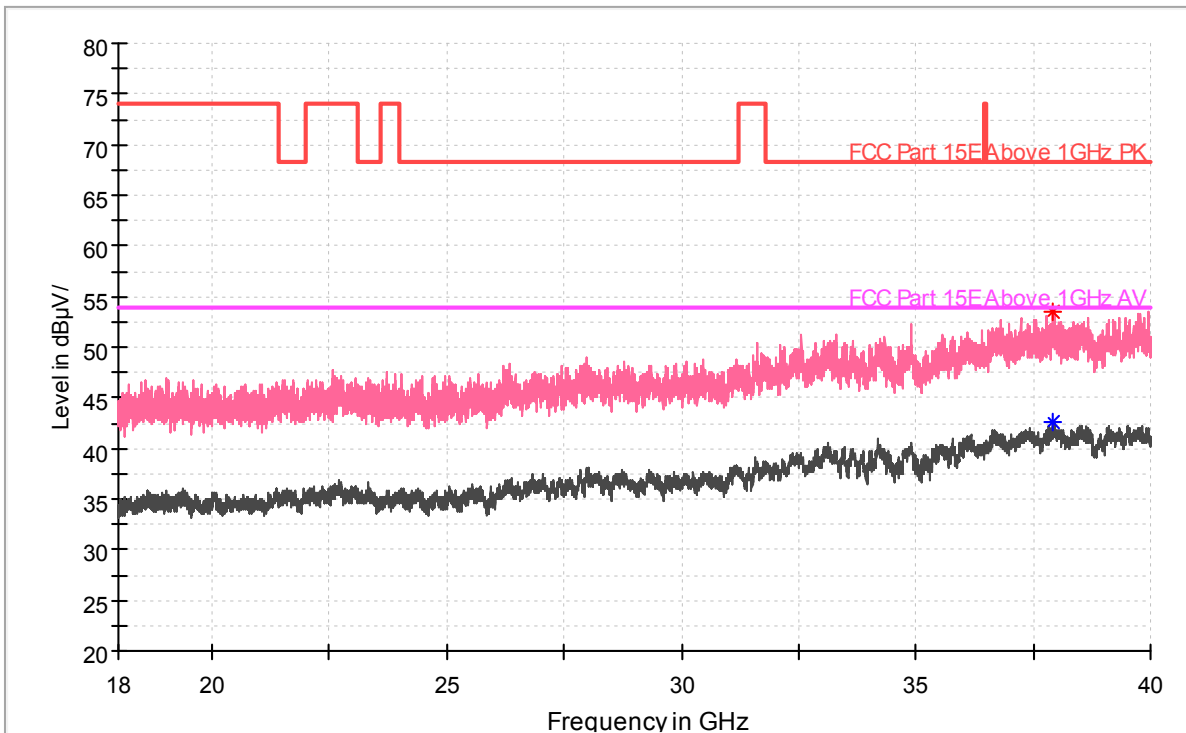
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

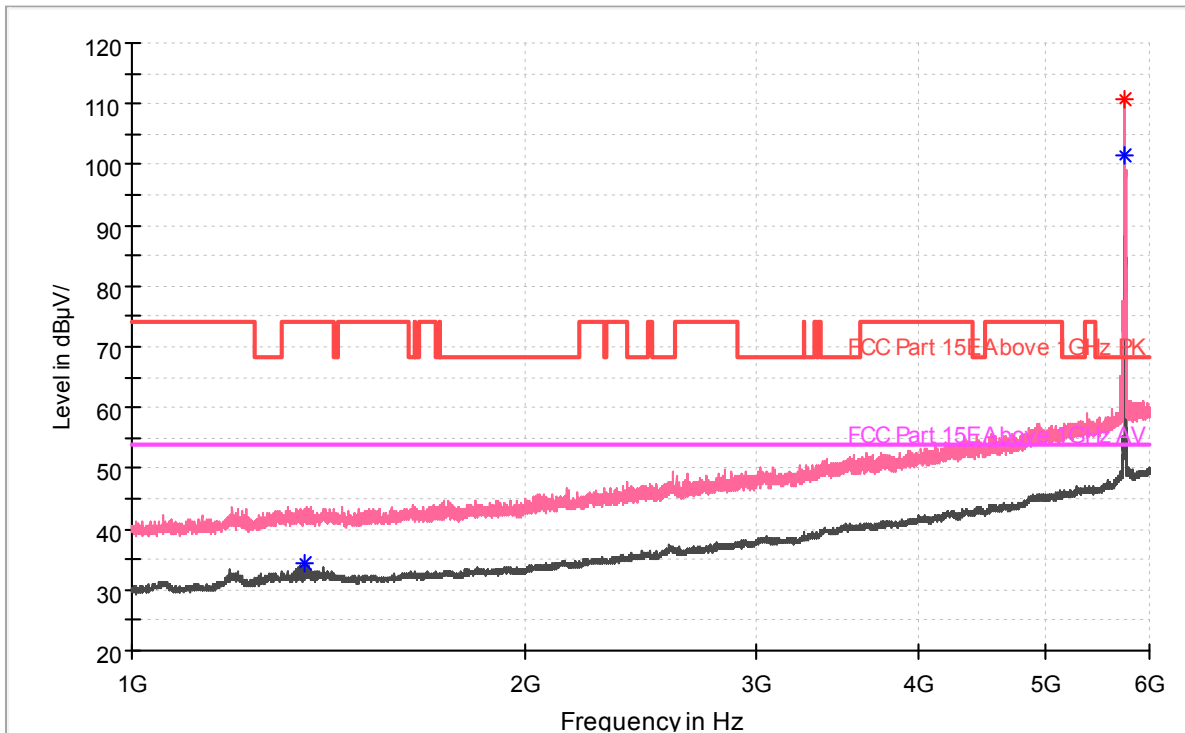
Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

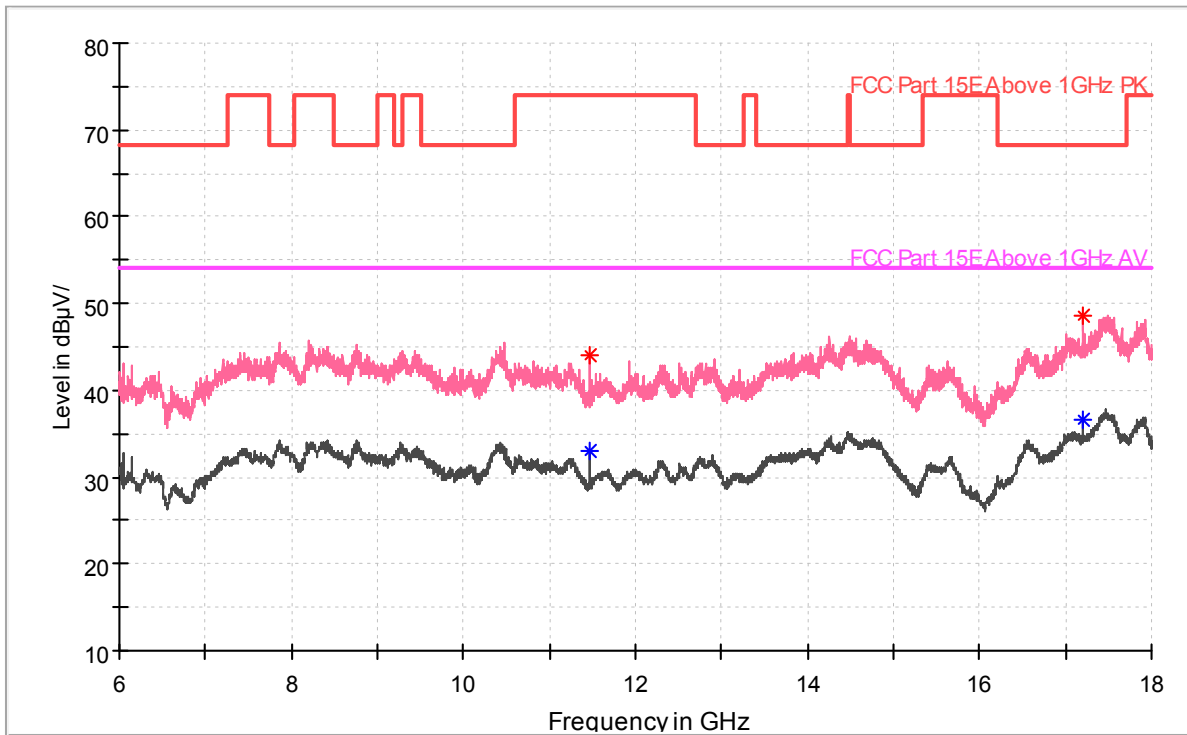
Carrier frequency (MHz): 5745
Channel No.:149

Full Spectrum



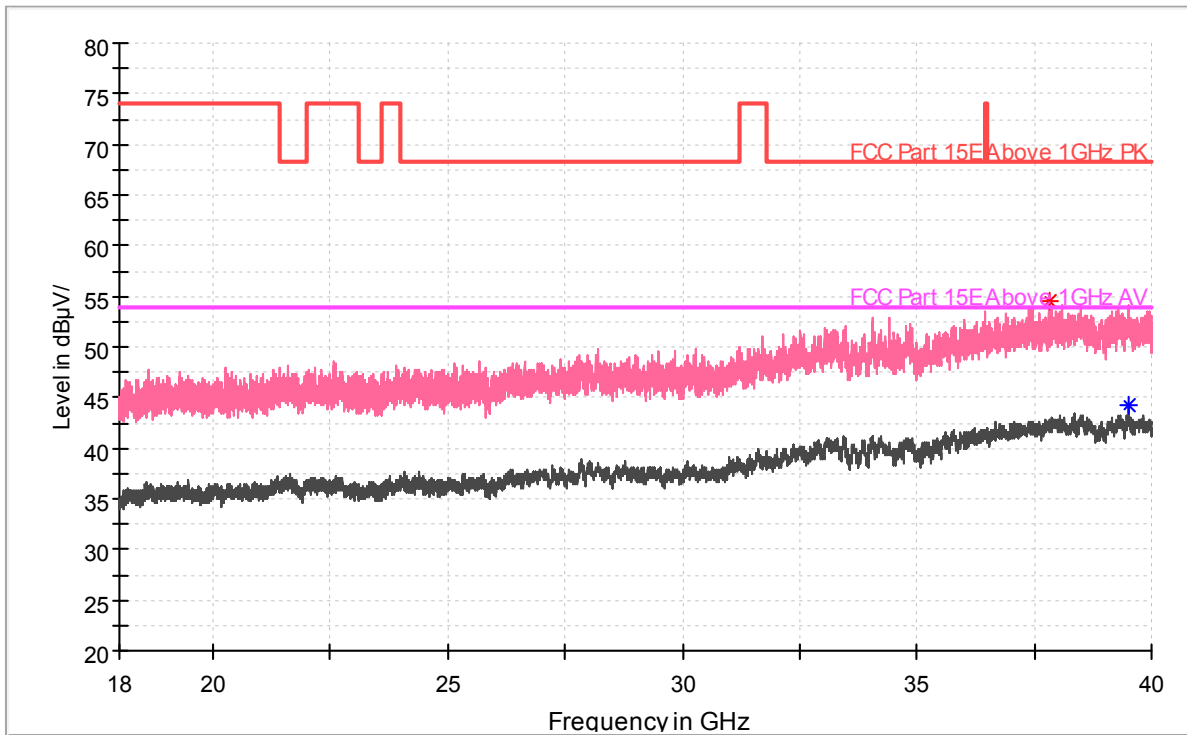
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11ax HE20:26T

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11ax HE20:26T

Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11ax HE20:26T

---The end of the test report---