

## APPENDIX B – TEST DATA OF RADIATED EMISSION

Note: The scanned graph represents the maximum of both horizontal and vertical polarizations and is not a single horizontal or vertical polarization scan.

Note: There were no emissions above 18GHz found within 20dB of the limit. Thus the test result was not reported according to §15.31 (o)

### Radiated Emission Band Edge

The measurement results are obtained as described below:

Measure Level = Reading Level + Cable loss + Antenna factor Sample calculation: (104.10 dBuV/m) = (57.20 dBμV) + (12.40 dB) + (34.50 dB), the corresponding frequency is 5180MHz.

[5150-5250]

● 802.11a

Carrier Frequency (MHz): 5180

Channel No.: 36

Test Mode: 802.11a

Detector: Peak

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5180.0	57.20	104.10	N/A	N/A	12.40	34.50
5150.0	11.70	58.60	-15.40	74.00	12.40	34.50

Detector: Average

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5180.0	35.40	82.30	N/A	N/A	12.40	34.50
5150.0	-10.50	36.40	-17.60	54.00	12.40	34.50

Carrier Frequency (MHz): 5240

Channel No.: 48

Test Mode: 802.11a

Detector: Peak

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5240.0	50.70	97.60	N/A	N/A	12.40	34.50
5250.0	13.70	60.60	-13.40	74.00	12.40	34.50

Detector: Average

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5240.0	36.20	83.10	N/A	N/A	12.40	34.50
5250.0	-5.40	41.50	-12.50	54.00	12.40	34.50

● 802.11n (HT20)

Carrier Frequency (MHz): 5180

Channel No.: 36

Test Mode: 802.11n (HT20)

Detector: Peak

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5180.0	40.00	86.90	N/A	N/A	12.40	34.50
5150.0	6.10	53.00	-21.00	74.00	12.40	34.50

Detector: Average

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5180.0	27.50	74.40	N/A	N/A	12.40	34.50
5150.0	-8.10	38.80	-15.20	54.00	12.40	34.50

Carrier Frequency (MHz): 5240

Channel No.: 48

Test Mode: 802.11n (HT20)

Detector: Peak

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5240.0	47.60	94.50	N/A	N/A	12.40	34.50
5250.0	8.20	55.10	-18.90	74.00	12.40	34.50

Detector: Average

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5240.0	24.30	71.20	N/A	N/A	12.40	34.50
5250.0	-4.30	42.60	-11.40	54.00	12.40	34.50

● 802.11n (HT40)

Carrier Frequency (MHz): 5190

Channel No.: 38

Test Mode: 802.11n (HT40)

Detector: Peak

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5190.0	43.40	90.30	N/A	N/A	12.40	34.50
5150.0	10.80	57.70	-16.30	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5190.0	28.00	74.90	N/A	N/A	12.40	34.50
5150.0	-10.10	36.80	-17.20	54.00	12.40	34.50

**Carrier Frequency (MHz): 5230**

**Channel No.: 46**

**Test Mode: 802.11n (HT40)**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5230.0	42.50	89.40	N/A	N/A	12.40	34.50
5250.0	21.40	68.30	-5.70	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5230.0	28.70	75.60	N/A	N/A	12.40	34.50
5250.0	-2.00	44.90	-9.10	54.00	12.40	34.50

● **802.11ac (VHT80)**

**Carrier Frequency (MHz): 5210**

**Channel No.: 42**

**Test Mode: 802.11ac (VHT80)**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5210.0	53.20	100.10	N/A	N/A	12.40	34.50
5150.0	21.80	68.70	-5.30	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5210.0	25.30	72.20	N/A	N/A	12.40	34.50
5150.0	-3.40	43.50	-10.50	54.00	12.40	34.50

**[5250-5350]**

● **802.11a**

**Carrier Frequency (MHz): 5260**

**Channel No.: 52**

**Test Mode: 802.11a**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5260.0	50.60	97.50	N/A	N/A	12.40	34.50
5240.0	16.70	63.60	-10.40	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5260.0	22.40	69.30	N/A	N/A	12.40	34.50
5240.0	-7.70	39.20	-14.80	54.00	12.40	34.50

**Carrier Frequency (MHz): 5320**

**Channel No.: 64**

**Test Mode: 802.11a**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5320.0	52.40	99.30	N/A	N/A	12.40	34.50
5340.0	17.50	64.40	-9.60	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5320.0	26.50	73.40	N/A	N/A	12.40	34.50
5340.0	-5.40	41.50	-12.50	54.00	12.40	34.50

● **802.11n (HT20)**

**Carrier Frequency (MHz): 5260**

**Channel No.: 52**

**Test Mode: 802.11n (HT20)**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5260.0	44.30	91.20	N/A	N/A	12.40	34.50
5240.0	16.70	63.60	-10.40	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5260.0	28.00	74.90	N/A	N/A	12.40	34.50
5240.0	-6.70	40.20	-13.80	54.00	12.40	34.50

**Carrier Frequency (MHz): 5320**

**Channel No.: 64**

**Test Mode: 802.11n (HT20)**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5320.0	51.30	98.20	N/A	N/A	12.40	34.50
5340.0	10.90	57.80	-16.20	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5320.0	28.20	75.10	N/A	N/A	12.40	34.50
5340.0	-7.00	39.90	-14.10	54.00	12.40	34.50

● **802.11n (HT40)**

**Carrier Frequency (MHz): 5270**

**Channel No.: 54**

**Test Mode: 802.11n (HT40)**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5270.0	51.70	98.60	N/A	N/A	12.40	34.50
5230.0	12.90	59.80	-14.20	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5270.0	27.60	74.50	N/A	N/A	12.40	34.50
5230.0	-5.40	41.50	-12.50	54.00	12.40	34.50

**Carrier Frequency (MHz): 5310**

**Channel No.: 60**

**Test Mode: 802.11n (HT40)**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5310.0	43.40	90.30	N/A	N/A	12.40	34.50
5350.0	11.90	58.80	-15.20	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5310.0	17.30	64.20	N/A	N/A	12.40	34.50
5350.0	-1.00	45.90	-8.10	54.00	12.40	34.50

● 802.11ac (VHT80)

Carrier Frequency (MHz): 5290

Channel No.: 58

Test Mode: 802.11ac (VHT80)

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5290.0	36.40	83.30	N/A	N/A	12.40	34.50
5210.0	18.00	64.90	-9.10	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5290.0	19.80	66.70	N/A	N/A	12.40	34.50
5210.0	-3.20	43.70	-10.30	54.00	12.40	34.50

[5470-5725]

● 802.11a

Carrier Frequency (MHz): 5500

Channel No.: 100

Test Mode: 802.11a

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5500.0	52.30	99.20	N/A	N/A	12.40	34.50
5480.0	13.90	60.80	-13.20	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5500.0	34.40	81.30	N/A	N/A	12.40	34.50
5480.0	1.50	48.40	-5.60	54.00	12.40	34.50

**Carrier Frequency (MHz): 5700**  
**Channel No.: 140**  
**Test Mode: 802.11a**  
**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5700.0	40.20	87.10	N/A	N/A	12.40	34.50
5720.0	15.90	62.80	-11.20	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5700.0	31.60	78.50	N/A	N/A	12.40	34.50
5720.0	-0.50	46.40	-7.60	54.00	12.40	34.50

● **802.11n (HT20)**

**Carrier Frequency (MHz): 5500**  
**Channel No.: 100**  
**Test Mode: 802.11n (HT20)**  
**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5500.0	47.70	94.60	N/A	N/A	12.40	34.50
5480.0	10.70	57.60	-16.40	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5500.0	28.40	75.30	N/A	N/A	12.40	34.50
5480.0	-1.30	45.60	-8.40	54.00	12.40	34.50

**Carrier Frequency (MHz): 5700**  
**Channel No.: 140**  
**Test Mode: 802.11n (HT20)**  
**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5700.0	49.80	96.70	N/A	N/A	12.40	34.50
5720.0	9.50	56.40	-17.60	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5700.0	29.40	76.30	N/A	N/A	12.40	34.50
5720.0	-13.70	33.20	-20.80	54.00	12.40	34.50

● 802.11n (HT40)

Carrier Frequency (MHz): 5510

Channel No.: 102

Test Mode: 802.11n (HT40)

Detector: Peak

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5510.0	50.40	97.30	N/A	N/A	12.40	34.50
5470.0	16.70	63.60	-10.40	74.00	12.40	34.50

Detector: Average

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5510.0	31.20	78.10	N/A	N/A	12.40	34.50
5470.0	-4.10	42.80	-11.20	54.00	12.40	34.50

Carrier Frequency (MHz): 5670

Channel No.: 134

Test Mode: 802.11n (HT40)

Detector: Peak

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5670.0	51.50	98.40	N/A	N/A	12.40	34.50
5710.0	17.00	63.90	-10.10	74.00	12.40	34.50

Detector: Average

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5670.0	29.70	76.60	N/A	N/A	12.40	34.50
5710.0	-3.10	43.80	-10.20	54.00	12.40	34.50

● 802.11ac (VHT80)

Carrier Frequency (MHz): 5530

Channel No.: 106

Test Mode: 802.11ac (VHT80)

Detector: Peak

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5530.0	42.30	89.20	N/A	N/A	12.40	34.50
5450.0	3.80	50.70	-23.30	74.00	12.40	34.50



**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5530.0	33.20	80.10	N/A	N/A	12.40	34.50
5450.0	-19.00	27.90	-26.10	54.00	12.40	34.50

**Carrier Frequency (MHz): 5690**

**Channel No.: 138**

**Test Mode: 802.11ac (VHT80)**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5690.0	37.60	84.50	N/A	N/A	12.40	34.50
5770.0	5.70	52.60	-21.40	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5690.0	32.20	79.10	N/A	N/A	12.40	34.50
5770.0	-16.70	30.20	-23.80	54.00	12.40	34.50

**[5725-5850]**

● **802.11a**

**Carrier Frequency (MHz): 5745**

**Channel No.: 149**

**Test Mode: 802.11a**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5745.0	40.60	87.50	N/A	N/A	12.40	34.50
5725.0	13.40	60.30	-13.70	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5745.0	25.20	72.10	N/A	N/A	12.40	34.50
5725.0	-3.30	43.60	-10.40	54.00	12.40	34.50

**Carrier Frequency (MHz): 5825**

**Channel No.: 165**

**Test Mode: 802.11a**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5825.0	38.40	85.30	N/A	N/A	12.40	34.50
5845.0	7.70	54.60	-19.40	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5825.0	33.50	80.40	N/A	N/A	12.40	34.50
5845.0	-8.20	38.70	-15.30	54.00	12.40	34.50

● **802.11n (HT20)**

**Carrier Frequency (MHz): 5745**

**Channel No.: 149**

**Test Mode: 802.11n (HT20)**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5745.0	60.20	107.10	N/A	N/A	12.40	34.50
5725.0	7.60	54.50	-19.50	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5745.0	25.50	72.40	N/A	N/A	12.40	34.50
5725.0	-15.20	31.70	-22.30	54.00	12.40	34.50

**Carrier Frequency (MHz): 5825**

**Channel No.: 165**

**Test Mode: 802.11n (HT20)**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5825.0	36.30	83.20	N/A	N/A	12.40	34.50
5845.0	10.80	57.70	-16.30	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5825.0	23.20	70.10	N/A	N/A	12.40	34.50
5845.0	-10.40	36.50	-17.50	54.00	12.40	34.50

● **802.11n (HT40)**

**Carrier Frequency (MHz): 5755**

**Channel No.: 151**

**Test Mode: 802.11n (HT40)**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5755.0	52.30	99.20	N/A	N/A	12.40	34.50
5715.0	11.80	58.70	-15.30	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5755.0	31.70	78.60	N/A	N/A	12.40	34.50
5715.0	-2.30	44.60	-9.40	54.00	12.40	34.50

**Carrier Frequency (MHz): 5795**

**Channel No.: 159**

**Test Mode: 802.11n (HT40)**

**Detector: Peak**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5795.0	51.60	98.50	N/A	N/A	12.40	34.50
5835.0	10.90	57.80	-16.20	74.00	12.40	34.50

**Detector: Average**

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5795.0	28.40	75.30	N/A	N/A	12.40	34.50
5835.0	-6.60	40.30	-13.70	54.00	12.40	34.50

● 802.11ac (VHT80)

Carrier Frequency (MHz): 5775

Channel No.: 155

Test Mode: 802.11ac (VHT80)

Detector: Peak

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5775.0	45.40	92.30	N/A	N/A	12.40	34.50
5695.0	0.60	47.50	-26.50	74.00	12.40	34.50

Detector: Average

Frequency (MHz)	Reading Level (dBuV)	Measure Level (dBuV/m)	Over Limit (dB)	Limit (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB)
5775.0	18.50	65.40	N/A	N/A	12.40	34.50
5695.0	-12.30	34.60	-19.40	54.00	12.40	34.50

**Sample Calculations:**

**Determining Spurious Emissions Levels**

A “reference path loss” is established and the  $A_{Rpl}$  is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss. The measurement results are obtained as described below:

**Below 1GHz:**

**Quasi Peak=Reading Value +  $A_{Rpl}$**

**Above 1GHz:**

**Max Peak=Reading Max Peak +  $A_{Rpl}$**

**OR**

**Average=Reading Average +  $A_{Rpl}$**

Sample calculation:  $(28.19 \text{ dB}\mu\text{V/m}) = (47.79 \text{ dB}\mu\text{V}) + (-19.60 \text{ dB/m})$ , the corresponding frequency is 50.467MHz.

The worst case attitude: The mobile lay down.

**Spurious Radiated Emissions below 30MHz and above 18G:**

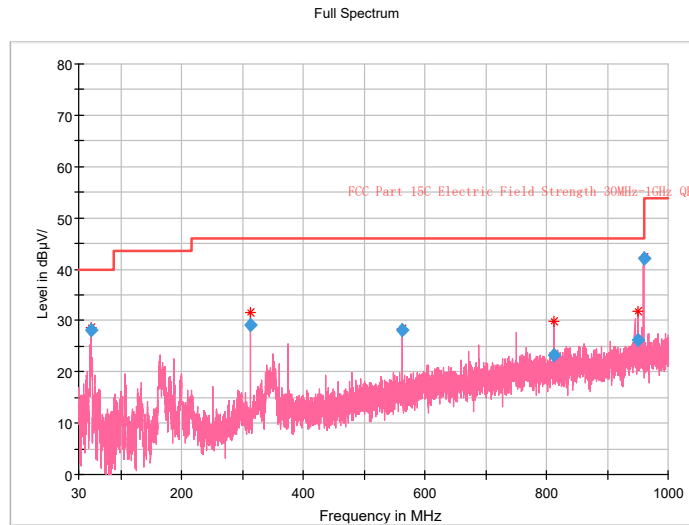
There were no emissions from 9kHz to 30MHz and above 18G found within 20dB of the limit. Thus, the test result was not reported according to §15.31 (o).

[5150~5250]

- 802.11a

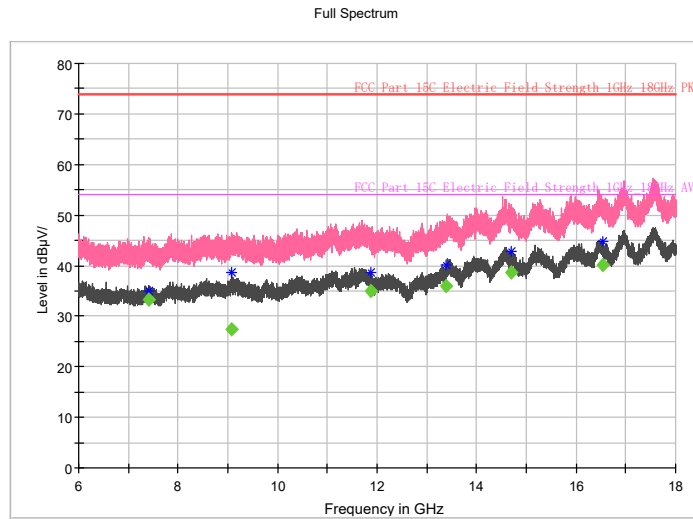
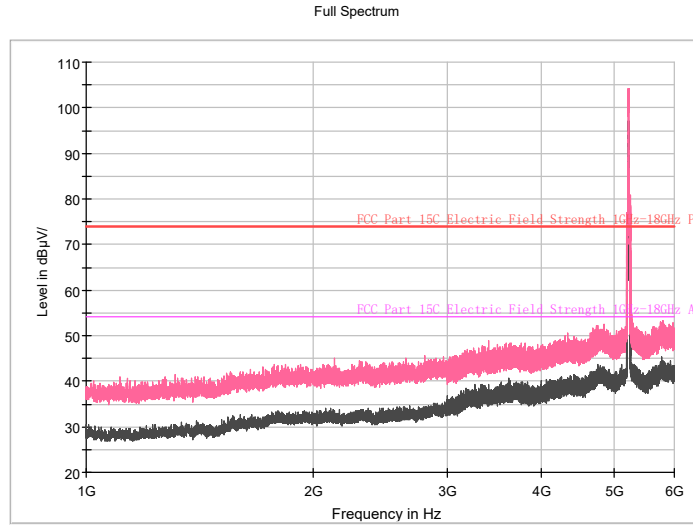
**Spurious Radiated Emissions from 30MHz to 1GHz:**

CH Middle (No.44)



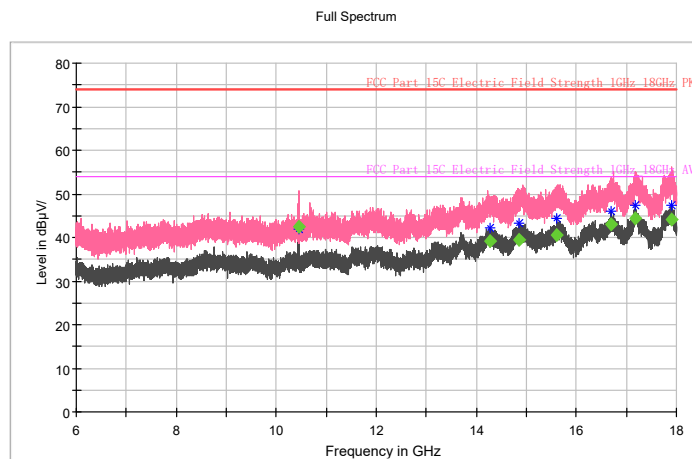
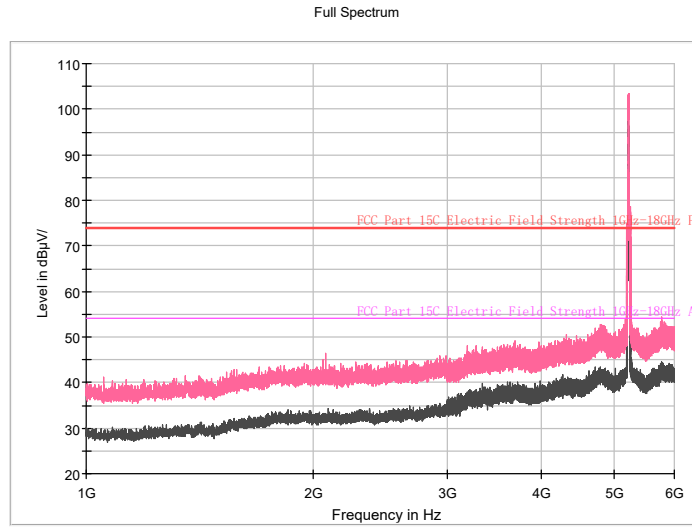
Frequency (MHz)	Reading (dBuV)	QuasiPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	$A_{Rpl}$ (dB)	Polarity
50.467	47.79	28.19	40.00	11.81	-19.60	Vertical
312.464	45.97	29.17	46.00	16.83	-16.80	Vertical
562.530	38.04	28.14	46.00	17.86	-9.90	Vertical
812.596	28.14	23.24	46.00	22.76	-4.90	Vertical
950.821	28.68	26.28	46.00	19.72	-2.40	Vertical
959.842	44.65	42.15	46.00	3.85	-2.50	Vertical

**Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.44)**



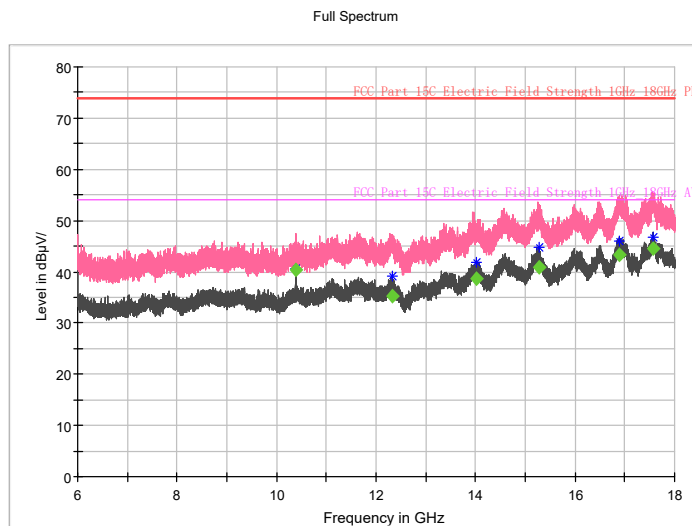
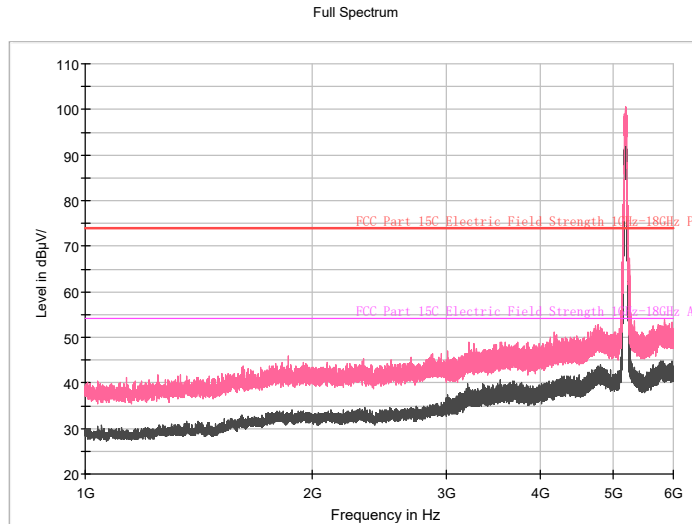
Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	ARpl (dB)	Polarity
7404.000	---	54.92	---	33.32	54.00	20.68	-21.60	Vertical
9080.800	---	47.64	---	27.34	54.00	26.66	-20.30	Vertical
11880.000	---	51.95	---	34.95	54.00	19.05	-17.00	Vertical
13398.800	---	51.20	---	36.00	54.00	18.00	-15.20	Vertical
14700.400	---	52.75	---	38.65	54.00	15.35	-14.10	Vertical
16537.200	---	53.96	---	40.16	54.00	13.84	-13.80	Vertical

● 802.11n (HT20)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.44)



Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
10440.400	---	61.48	---	42.38	54.00	11.62	-19.10	Vertical
14281.600	---	53.42	---	39.22	54.00	14.78	-14.20	Vertical
14850.400	---	53.29	---	39.39	54.00	14.61	-13.90	Vertical
15602.000	---	54.88	---	40.68	54.00	13.32	-14.20	Vertical
16697.200	---	56.19	---	42.89	54.00	11.11	-13.30	Vertical
17187.200	---	56.62	---	44.32	54.00	9.68	-12.30	Vertical

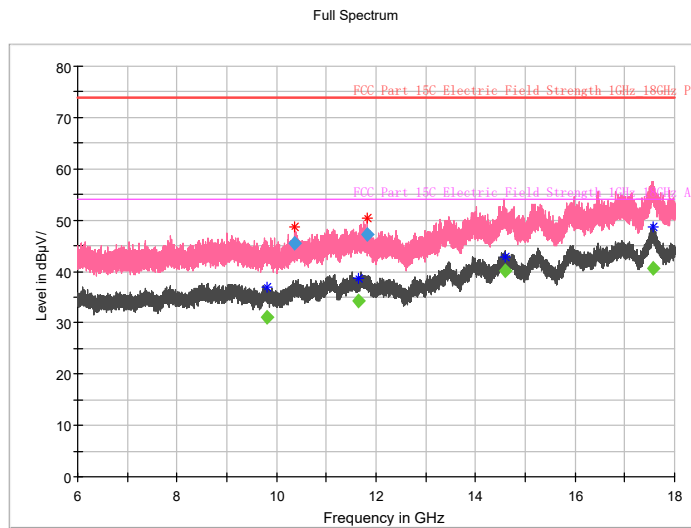
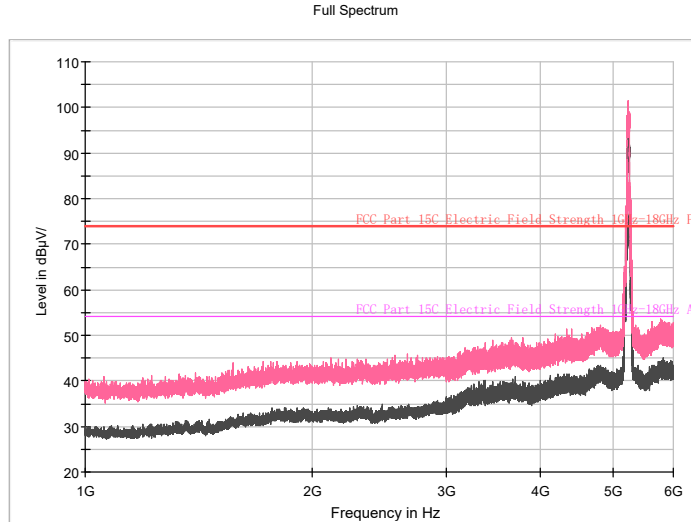
● 802.11n (HT40)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.38)



Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>RPI</sub> (dB)	Polarity
10378.800	---	59.59	---	40.29	54.00	13.71	-19.30	Vertical
12322.800	---	52.63	---	35.13	54.00	18.87	-17.50	Vertical
14027.600	---	53.05	---	38.55	54.00	15.45	-14.50	Vertical
15266.400	---	55.05	---	40.95	54.00	13.05	-14.10	Vertical
16900.000	---	56.42	---	43.42	54.00	10.58	-13.00	Vertical
17569.200	---	56.36	---	44.46	54.00	9.54	-11.90	Vertical

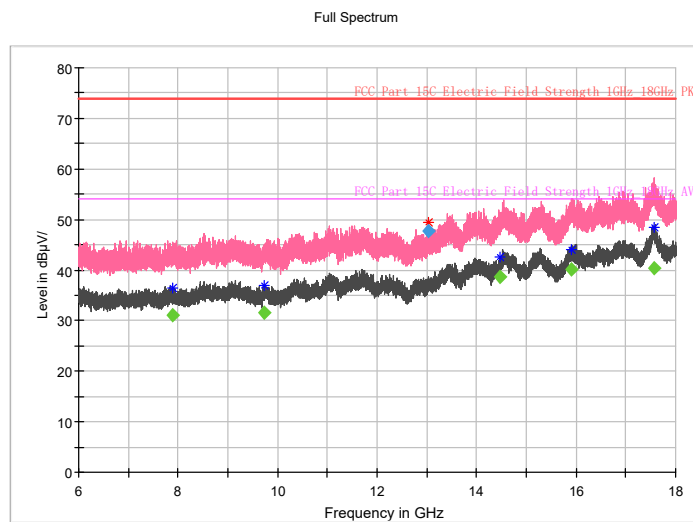
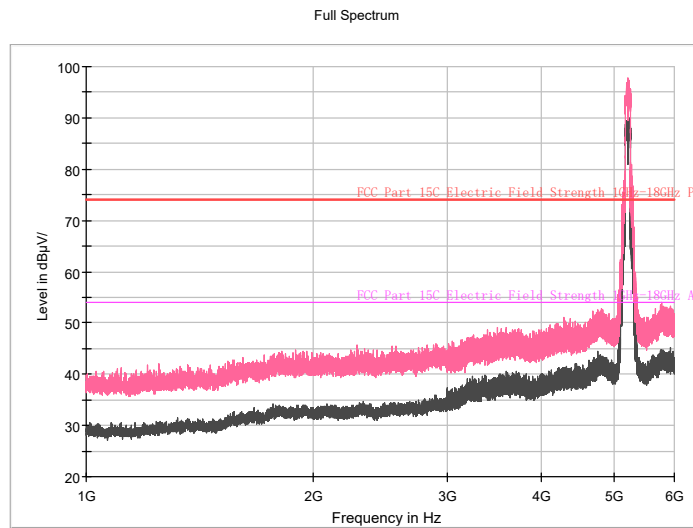


● 802.11n (HT40)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.46)



Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>RPI</sub> (dB)	Polarity
9798.000	---	51.59	---	31.09	54.00	22.91	-20.50	Vertical
10370.000	64.86	---	45.56	---	74.00	28.44	-19.30	Vertical
11644.000	---	51.26	---	34.36	54.00	19.64	-16.90	Vertical
11823.600	64.27	---	47.27	---	74.00	26.73	-17.00	Vertical
14608.400	---	54.10	---	40.00	54.00	14.00	-14.10	Vertical
17569.200	---	52.50	---	40.60	54.00	13.40	-11.90	Vertical

● 802.11ac (VHT80)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.42)

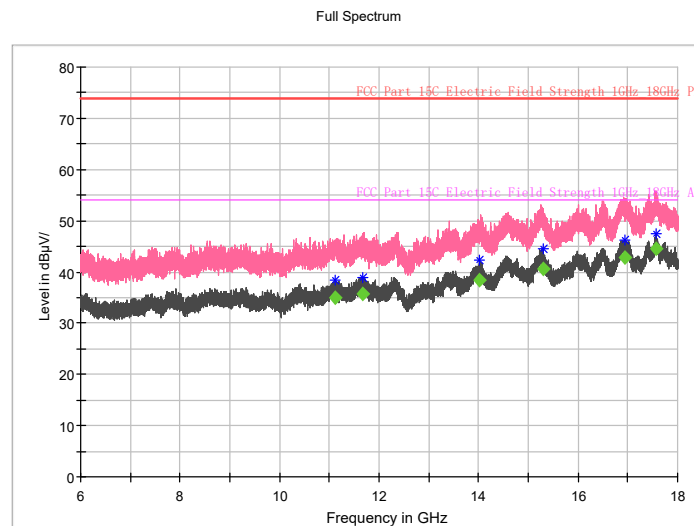
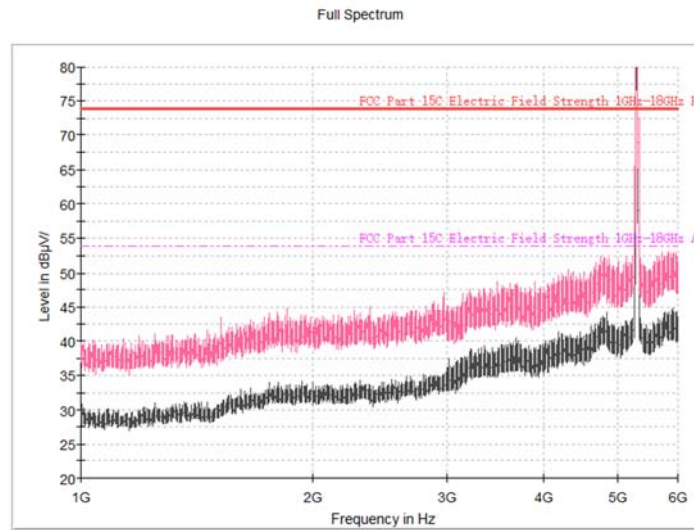


Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
7880.800	---	52.51	---	31.11	54.00	22.89	-21.40	Vertical
9726.000	---	51.83	---	31.53	54.00	22.47	-20.30	Vertical
13041.200	64.28	---	47.68	---	74.00	26.32	-16.60	Vertical
14474.800	---	52.58	---	38.58	54.00	15.42	-14.00	Vertical
15903.200	---	54.64	---	40.14	54.00	13.86	-14.50	Vertical
17583.600	---	52.19	---	40.29	54.00	13.71	-11.90	Vertical

[5250~5350]

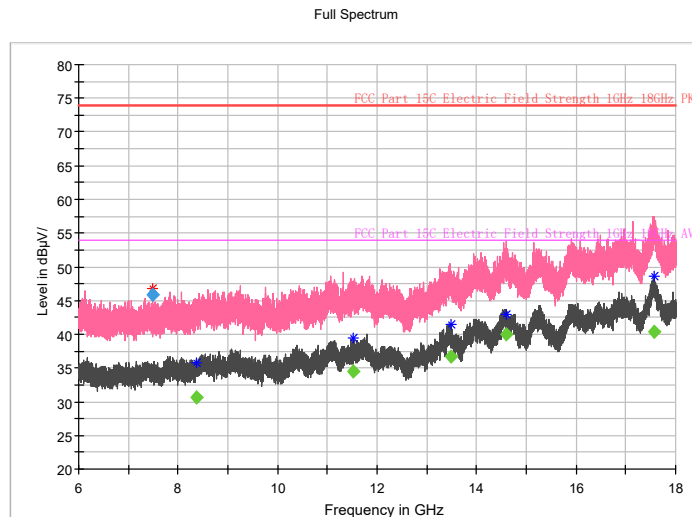
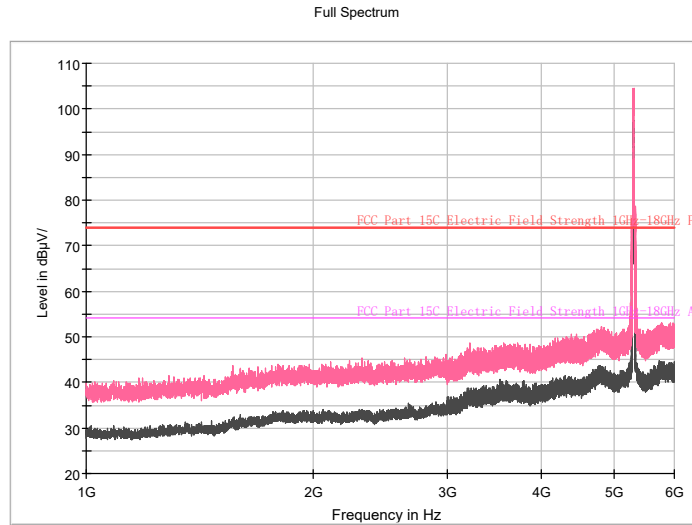
● 802.11a

Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.60)



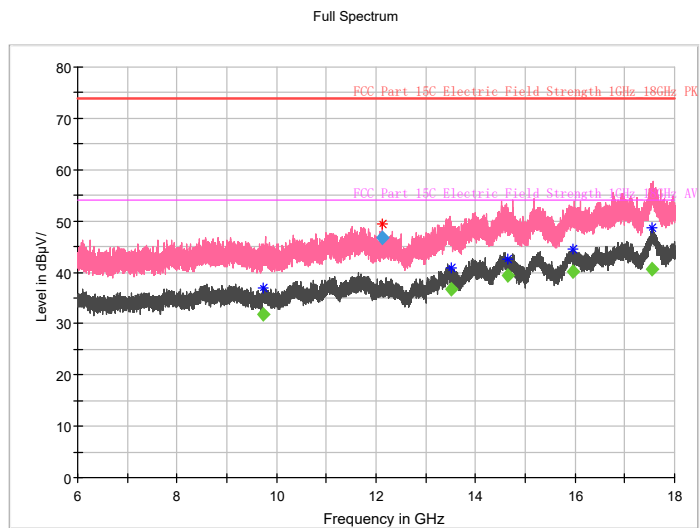
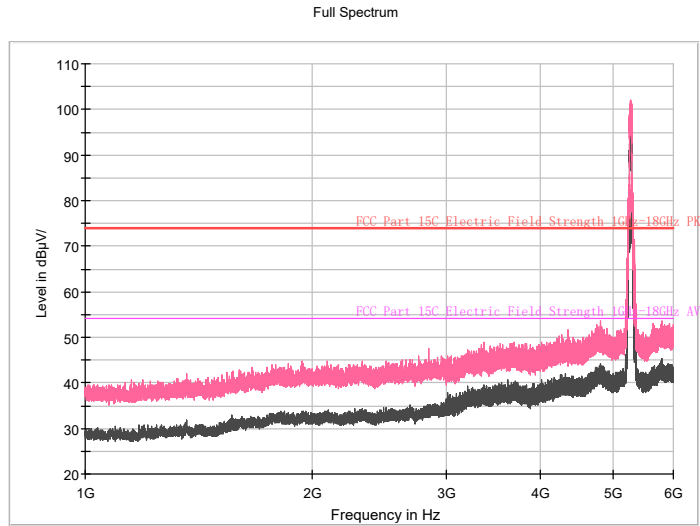
Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
11125.600	---	52.98	---	35.08	54.00	18.92	-17.90	Vertical
11661.200	---	52.58	---	35.68	54.00	18.32	-16.90	Vertical
14029.200	---	52.96	---	38.46	54.00	15.54	-14.50	Vertical
15295.600	---	54.71	---	40.61	54.00	13.39	-14.10	Vertical
16931.200	---	55.82	---	42.92	54.00	11.08	-12.90	Vertical
17561.600	---	56.33	---	44.43	54.00	9.57	-11.90	Vertical

● 802.11n (HT20)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.60)



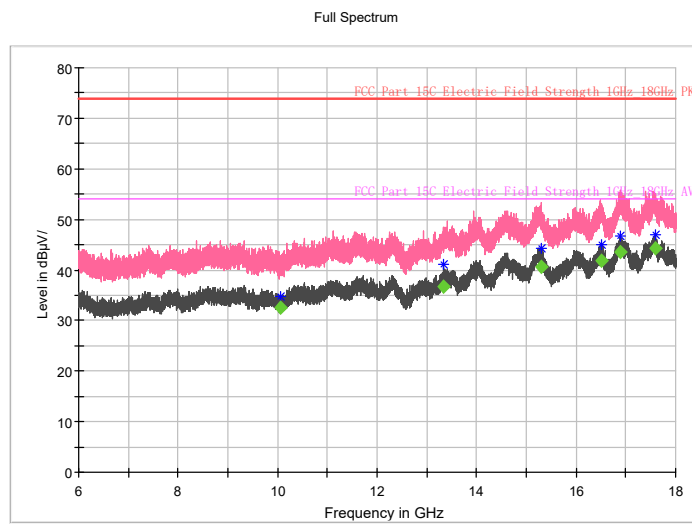
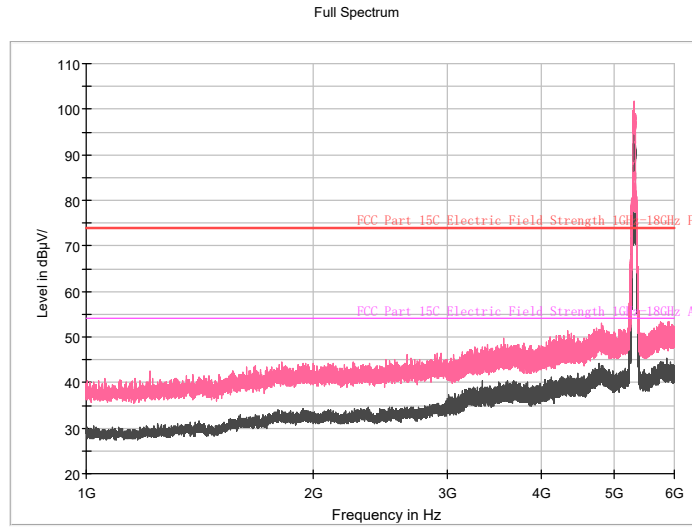
Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
7485.600	67.33	---	45.83	---	74.00	28.17	-21.50	Vertical
8369.200	---	51.59	---	30.59	54.00	23.41	-21.00	Vertical
11515.200	---	51.41	---	34.51	54.00	19.49	-16.90	Vertical
13494.800	---	51.78	---	36.78	54.00	17.22	-15.00	Vertical
14606.800	---	54.06	---	39.96	54.00	14.04	-14.10	Vertical
17584.000	---	52.22	---	40.32	54.00	13.68	-11.90	Vertical

● 802.11n (HT40)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.54)



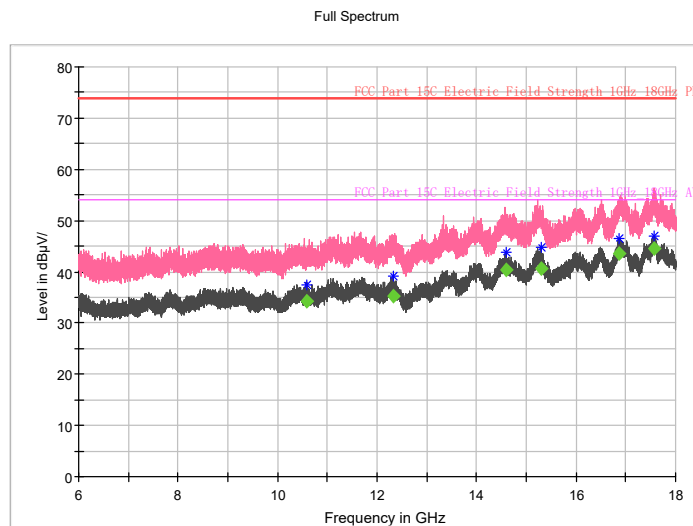
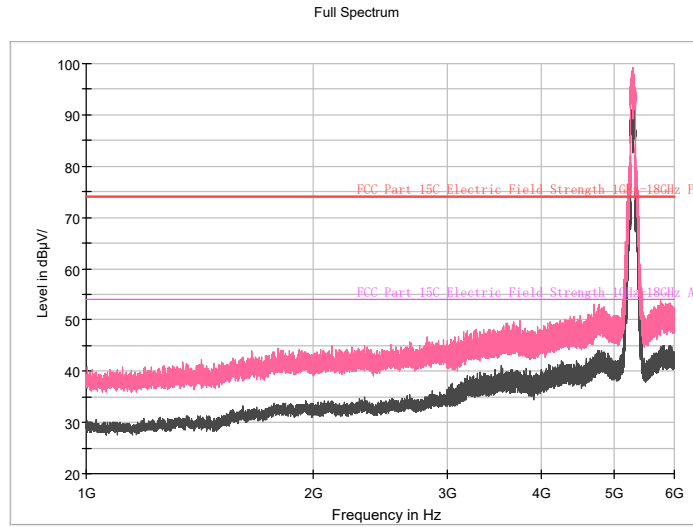
Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
9732.400	---	52.22	---	31.92	54.00	22.08	-20.30	Vertical
12127.200	63.81	---	46.61	---	74.00	27.39	-17.20	Vertical
13502.400	---	51.67	---	36.67	54.00	17.33	-15.00	Vertical
14643.200	---	53.38	---	39.28	54.00	14.72	-14.10	Vertical
15956.000	---	54.68	---	40.08	54.00	13.92	-14.60	Vertical
17549.600	---	52.53	---	40.63	54.00	13.37	-11.90	Vertical

● 802.11n (HT40)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.62)



Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
10050.400	---	52.86	---	32.56	54.00	21.44	-20.30	Vertical
13324.000	---	52.11	---	36.71	54.00	17.29	-15.40	Vertical
15292.000	---	54.75	---	40.65	54.00	13.35	-14.10	Vertical
16516.800	---	55.72	---	41.92	54.00	12.08	-13.80	Vertical
16880.800	---	56.61	---	43.61	54.00	10.39	-13.00	Vertical
17584.800	---	56.24	---	44.34	54.00	9.66	-11.90	Vertical

● 802.11ac (VHT80)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.58)



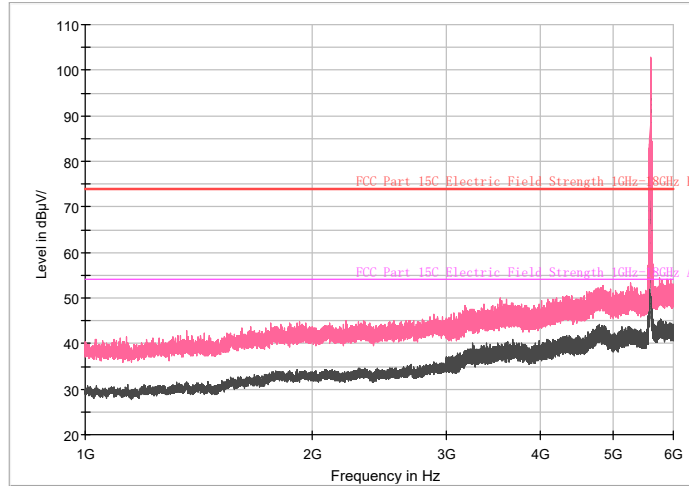
Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>RpI</sub> (dB)	Polarity
10594.000	---	53.04	---	34.14	54.00	19.86	-18.90	Vertical
12315.200	---	52.64	---	35.14	54.00	18.86	-17.50	Vertical
14590.000	---	54.52	---	40.42	54.00	13.58	-14.10	Vertical
15306.000	---	54.77	---	40.67	54.00	13.33	-14.10	Vertical
16873.200	---	56.43	---	43.43	54.00	10.57	-13.00	Vertical
17564.000	---	56.42	---	44.52	54.00	9.48	-11.90	Vertical

[5470~5725]

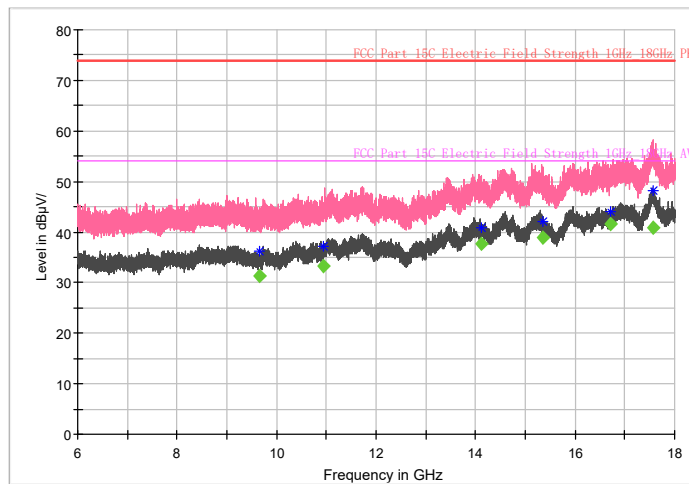
● 802.11a

**Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.120)**

Full Spectrum



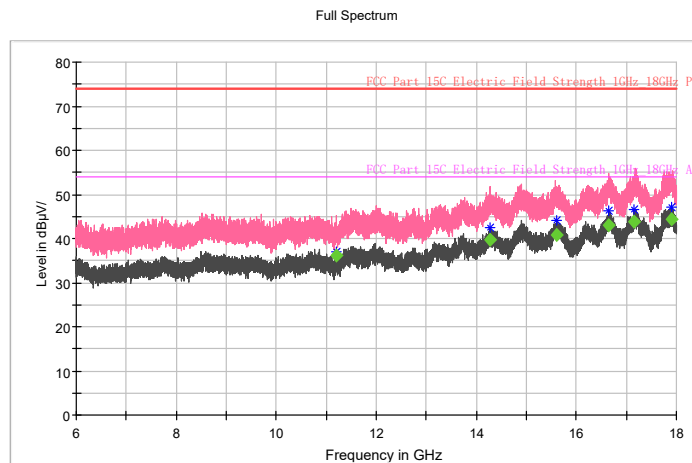
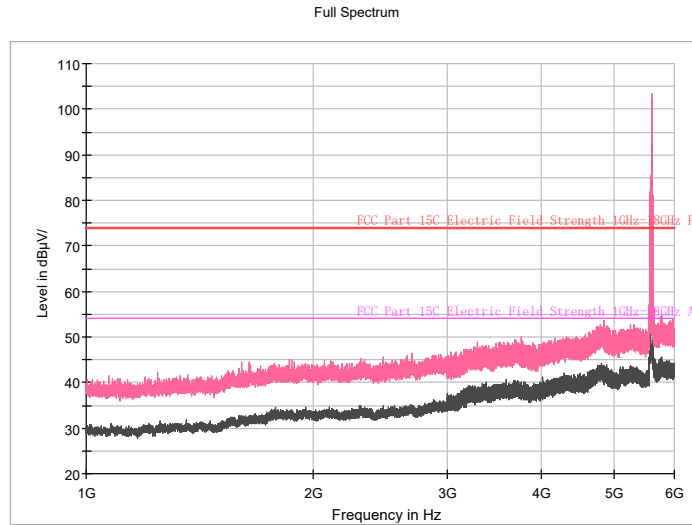
Full Spectrum



Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
9663.200	---	51.49	---	31.29	54.00	22.71	-20.20	Vertical
10937.600	---	51.64	---	33.34	54.00	20.66	-18.30	Vertical
14105.200	---	52.17	---	37.77	54.00	16.23	-14.40	Vertical
15347.600	---	52.93	---	38.83	54.00	15.17	-14.10	Vertical
16721.200	---	54.84	---	41.64	54.00	12.36	-13.20	Vertical
17559.200	---	52.68	---	40.78	54.00	13.22	-11.90	Vertical

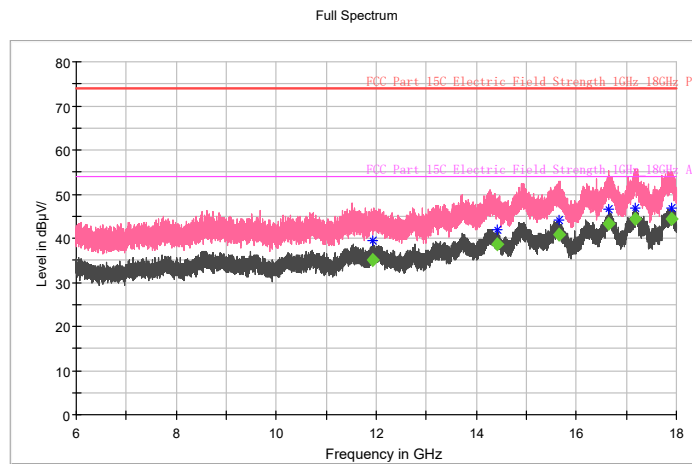
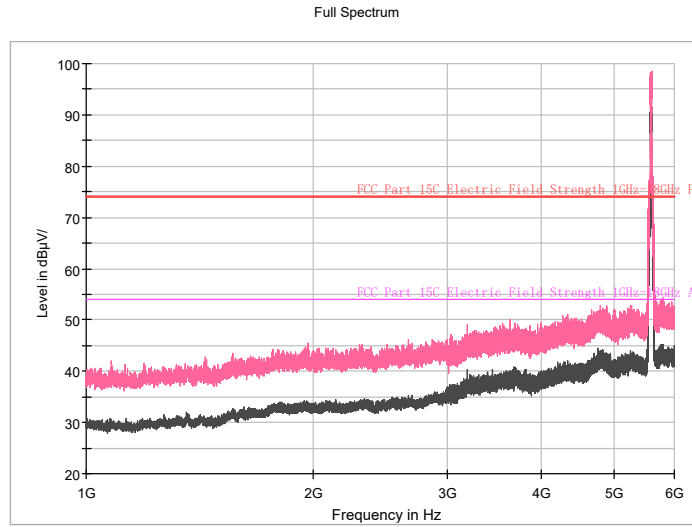


● 802.11n (HT20)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.120)



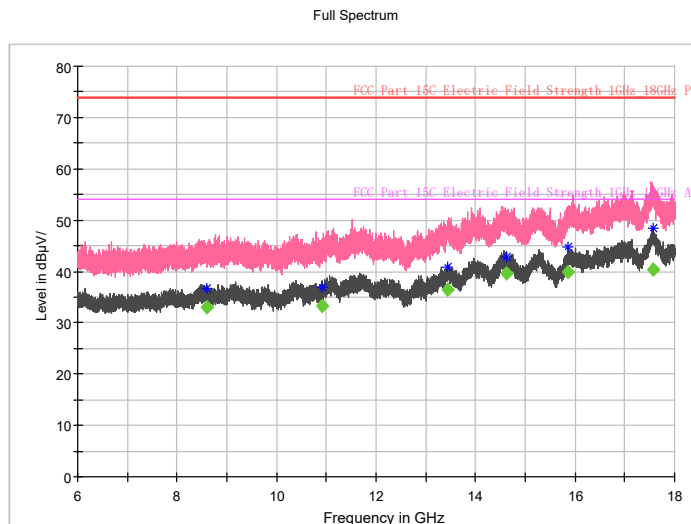
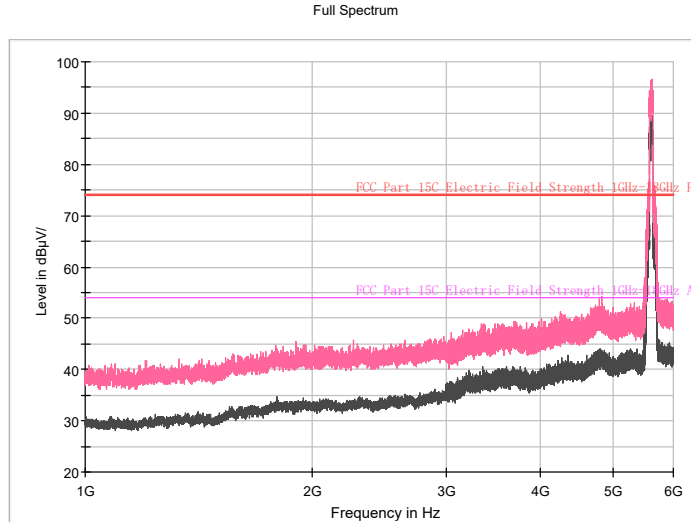
Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
11195.600	---	53.80	---	36.20	54.00	17.80	-17.60	Vertical
14263.200	---	53.80	---	39.60	54.00	14.40	-14.20	Vertical
15606.400	---	55.16	---	40.96	54.00	13.04	-14.20	Vertical
16641.200	---	56.70	---	43.10	54.00	10.90	-13.60	Vertical
17164.400	---	56.28	---	43.88	54.00	10.12	-12.40	Vertical
17894.800	---	55.08	---	44.48	54.00	9.52	-10.60	Vertical

● 802.11n (HT40)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.118)



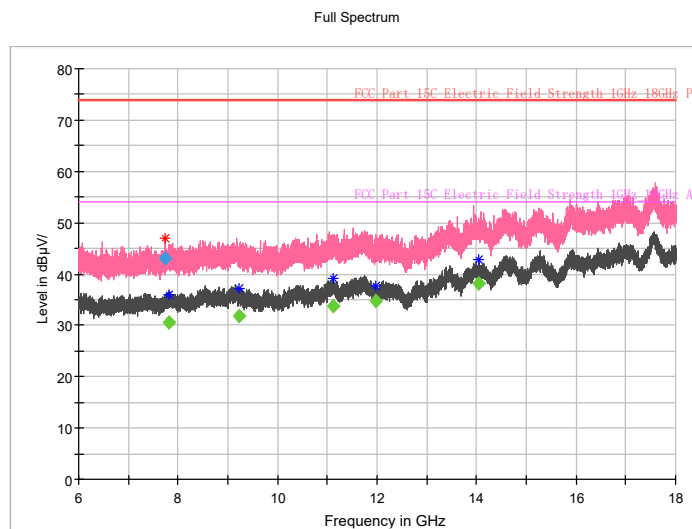
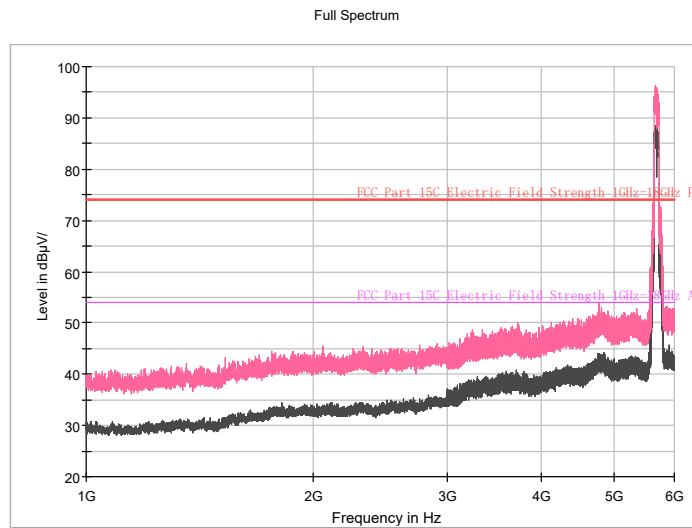
Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
11928.800	---	51.98	---	35.08	54.00	18.92	-16.90	Vertical
14410.400	---	52.80	---	38.70	54.00	15.30	-14.10	Vertical
15643.600	---	55.14	---	40.94	54.00	13.06	-14.20	Vertical
16640.000	---	56.79	---	43.19	54.00	10.81	-13.60	Vertical
17177.200	---	56.72	---	44.42	54.00	9.58	-12.30	Vertical
17893.200	---	55.12	---	44.52	54.00	9.48	-10.60	Vertical

● 802.11ac (VHT80)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.122)



Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
8608.400	---	53.37	---	32.97	54.00	21.03	-20.40	Vertical
10909.600	---	51.69	---	33.29	54.00	20.71	-18.40	Vertical
13426.800	---	51.54	---	36.34	54.00	17.66	-15.20	Vertical
14630.400	---	53.74	---	39.64	54.00	14.36	-14.10	Vertical
15857.200	---	54.27	---	39.77	54.00	14.23	-14.50	Vertical
17570.400	---	52.35	---	40.45	54.00	13.55	-11.90	Vertical

● 802.11ac (VHT80)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.138)



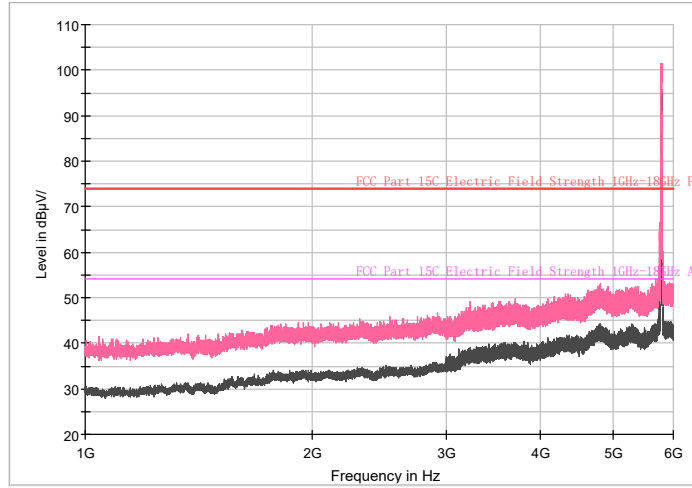
Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
7750.400	64.45	---	43.05	---	74.00	30.95	-21.40	Vertical
7817.600	---	51.83	---	30.53	54.00	23.47	-21.30	Vertical
9230.000	---	52.00	---	31.90	54.00	22.10	-20.10	Vertical
11113.600	---	51.62	---	33.72	54.00	20.28	-17.90	Vertical
11962.800	---	51.74	---	34.84	54.00	19.16	-16.90	Vertical
14047.200	---	52.61	---	38.11	54.00	15.89	-14.50	Vertical

[5725~5850]

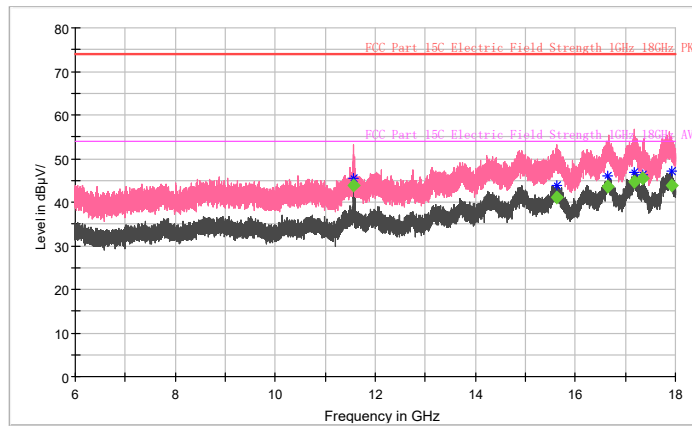
● 802.11a

**Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.157)**

Full Spectrum

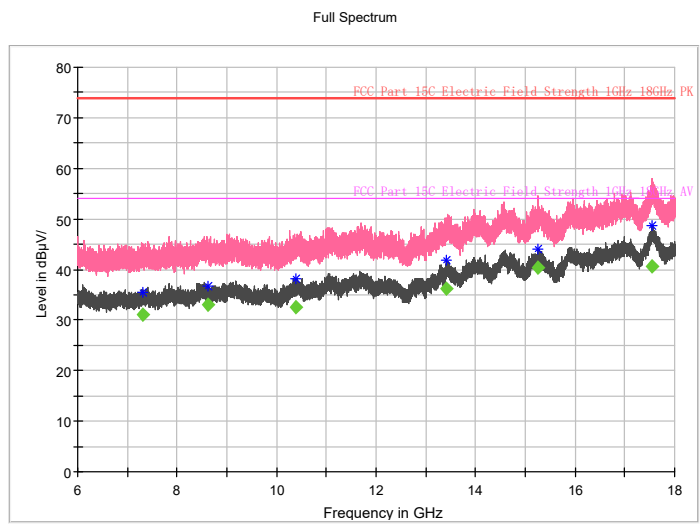
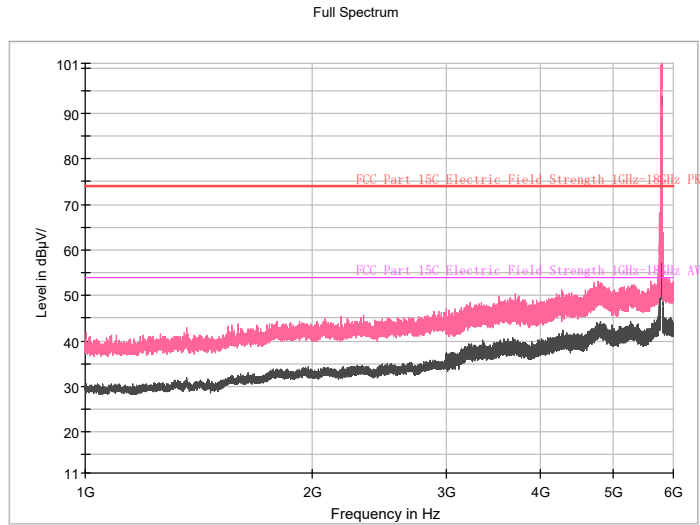


Full Spectrum



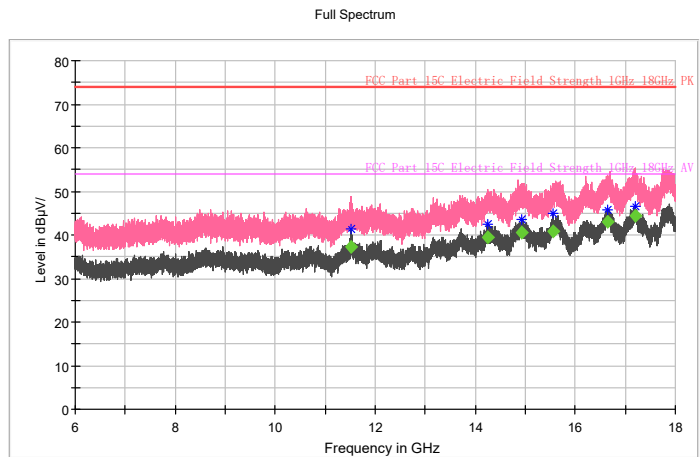
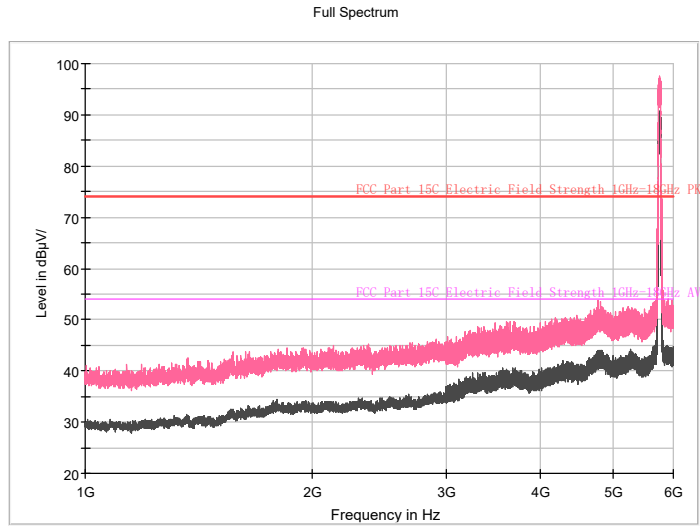
Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
11571.200	---	60.68	---	43.78	54.00	10.22	-16.90	Vertical
15622.000	---	55.33	---	41.13	54.00	12.87	-14.20	Vertical
16656.000	---	56.96	---	43.46	54.00	10.54	-13.50	Vertical
17188.800	---	56.94	---	44.64	54.00	9.36	-12.30	Vertical
17352.800	---	57.70	---	45.60	54.00	8.40	-12.10	Vertical
17924.000	---	54.18	---	43.78	54.00	10.22	-10.40	Vertical

● 802.11n (HT20)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.157)



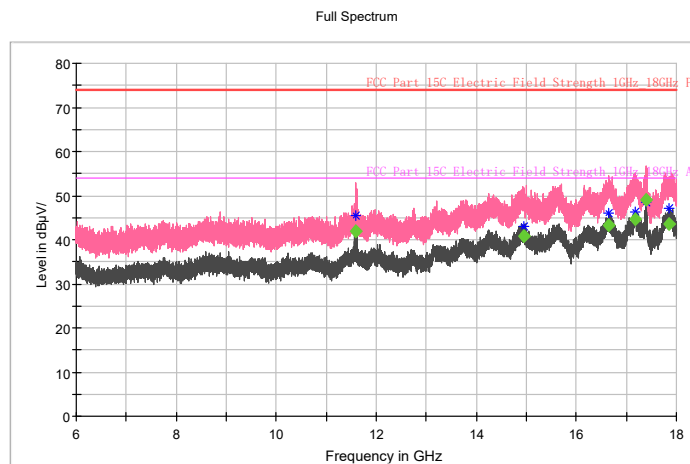
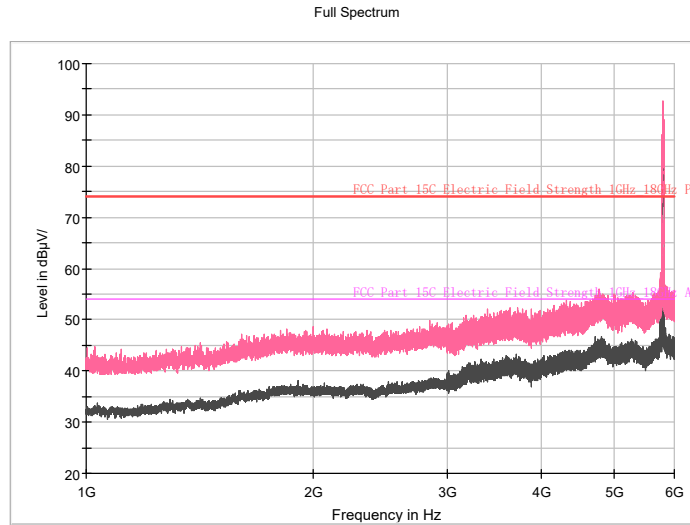
Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
7315.600	---	52.74	---	31.14	54.00	22.86	-21.60	Vertical
8622.800	---	53.36	---	32.96	54.00	21.04	-20.40	Vertical
10374.400	---	51.74	---	32.44	54.00	21.56	-19.30	Vertical
13422.800	---	51.36	---	36.16	54.00	17.84	-15.20	Vertical
15250.400	---	54.53	---	40.43	54.00	13.57	-14.10	Vertical
17549.200	---	52.53	---	40.63	54.00	13.37	-11.90	Vertical

● 802.11n (HT40)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.151)



Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
11513.200	---	54.22	---	37.32	54.00	16.68	-16.90	Vertical
14240.000	---	53.71	---	39.51	54.00	14.49	-14.20	Vertical
14937.600	---	54.44	---	40.54	54.00	13.46	-13.90	Vertical
15547.200	---	55.02	---	40.82	54.00	13.18	-14.20	Vertical
16635.200	---	56.59	---	42.99	54.00	11.01	-13.60	Vertical
17190.400	---	56.80	---	44.50	54.00	9.50	-12.30	Vertical

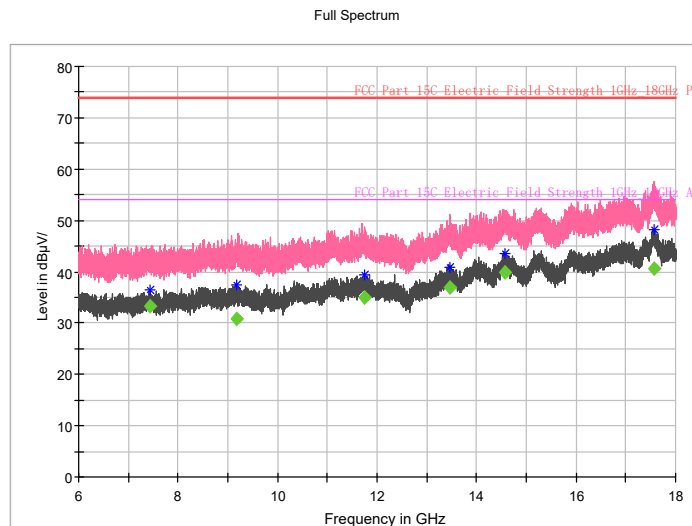
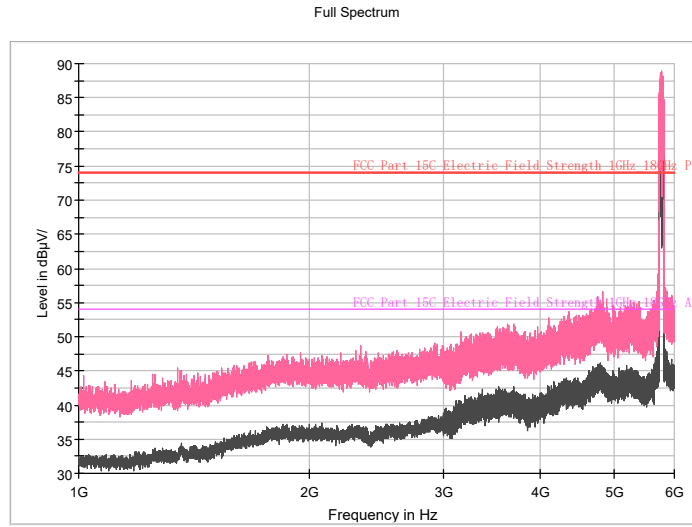
● 802.11n (HT40)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.159)



Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
11586.800	---	58.75	---	41.85	54.00	12.15	-16.90	Vertical
14942.400	---	54.67	---	40.77	54.00	13.23	-13.90	Vertical
16651.200	---	56.80	---	43.30	54.00	10.70	-13.50	Vertical
17188.800	---	56.85	---	44.55	54.00	9.45	-12.30	Vertical
17386.800	---	61.01	---	48.91	54.00	5.09	-12.10	Vertical
17865.600	---	54.39	---	43.59	54.00	10.41	-10.80	Vertical

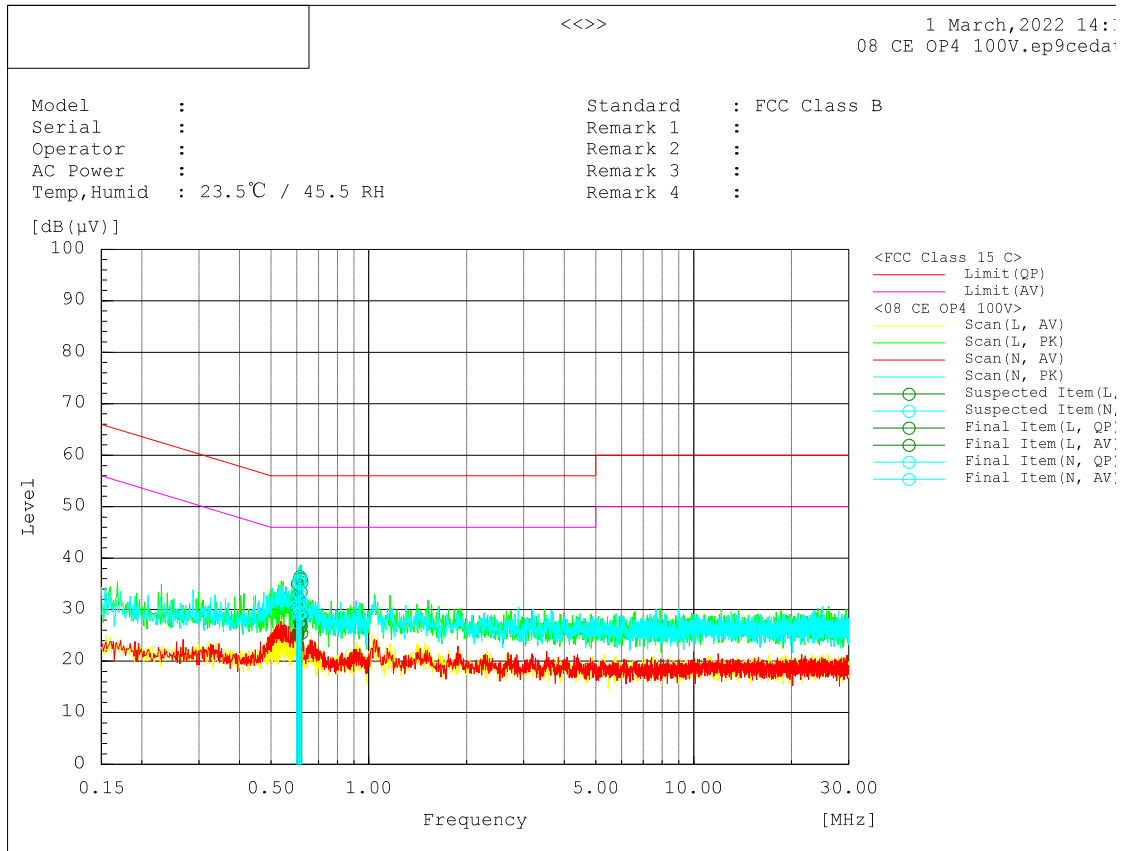


● 802.11ac (VHT80)  
Spurious Radiated Emissions from 1GHz to 18GHz:  
CH Middle (No.155)

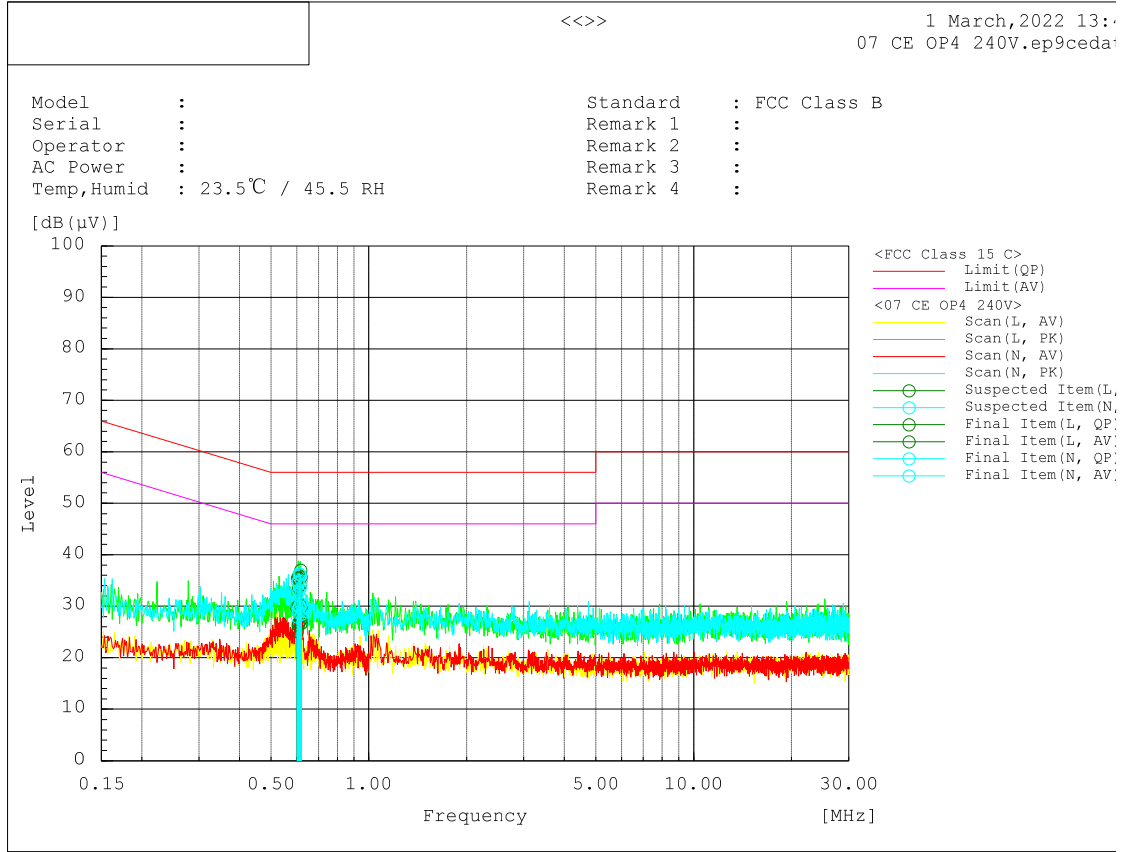


Frequency (MHz)	Reading MaxPeak (dBuV)	Reading Average (dBuV)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	A <sub>Rpl</sub> (dB)	Polarity
7425.600	---	54.85	---	33.25	54.00	20.75	-21.60	Vertical
9168.000	---	51.02	---	30.82	54.00	23.18	-20.20	Vertical
11739.600	---	52.01	---	35.01	54.00	18.99	-17.00	Vertical
13470.400	---	51.99	---	36.89	54.00	17.11	-15.10	Vertical
14568.800	---	53.88	---	39.88	54.00	14.12	-14.00	Vertical
17568.000	---	52.47	---	40.57	54.00	13.43	-11.90	Vertical

### AC Power line Conducted Emission



Range	Frequency	Line	Reading			Factor	Level			Limit	Limit			Margin			Pass/Fail
			dB(µV)				dB(µV)				dB(µV)			dB			
	MHz		QP	AV	PK		QP	AV	PK		QP	AV	PK	QP	AV	PK	
Band1	0.6	L	15.1	5.5		19.9	35	25.4			56	46		21	20.6		Pass
Band1	0.6	L	15.1	5.1		19.9	35	25			56	46		21	21		Pass
Band1	0.61	L	16.6	7.6		19.9	36.5	27.5			56	46		19.5	18.5		Pass
Band1	0.61	L	16.4	7.7		19.9	36.3	27.6			56	46		19.7	18.4		Pass
Band1	0.62	L	15.5	5.6		19.9	35.4	25.5			56	46		20.6	20.5		Pass
Band1	0.62	L	16.1	6.9		19.9	36	26.8			56	46		20	19.2		Pass
Band1	0.6	N	13.6	7.6		19.9	33.5	27.5			56	46		22.5	18.5		Pass
Band1	0.61	N	15.4	9.6		19.9	35.3	29.5			56	46		20.7	16.5		Pass
Band1	0.61	N	15.2	9.2		19.9	35.1	29.1			56	46		20.9	16.9		Pass
Band1	0.61	N	15.9	11		19.9	35.8	30.4			56	46		20.2	15.6		Pass
Band1	0.62	N	16.4	11		19.9	36.3	30.6			56	46		19.7	15.4		Pass
Band1	0.62	N	15.3	9.6		19.9	35.2	29.5			56	46		20.8	16.5		Pass



Range	Frequency	Line	Reading			Factor	Level			Limit			Margin			Pass/Fail	
			dB(μV)				dB(μV)			dB(μV)			dB				
	MHz		QP	AV	PK		QP	AV	PK		QP	AV	PK	QP	AV	PK	
Band1	0.6	N	14.8	8		19.9	34.7	27.9			56	46		21.3	18.1		Pass
Band1	0.61	N	15	8.9		19.9	34.9	28.8			56	46		21.1	17.2		Pass
Band1	0.61	N	16.4	9.9		19.9	36.3	29.8			56	46		19.7	16.2		Pass
Band1	0.61	N	16.4	10		19.9	36.3	30			56	46		19.7	16		Pass
Band1	0.62	N	16.2	11		19.9	36.1	30.6			56	46		19.9	15.4		Pass
Band1	0.62	N	15	8.6		19.9	34.9	28.5			56	46		21.1	17.5		Pass
Band1	0.6	L	15.6	5.2		19.9	35.5	25.1			56	46		20.5	20.9		Pass
Band1	0.61	L	15.7	6.6		19.9	35.6	26.5			56	46		20.4	19.5		Pass
Band1	0.61	L	15.7	6.4		19.9	35.6	26.3			56	46		20.4	19.7		Pass
Band1	0.61	L	16.1	6.9		19.9	36	26.8			56	46		20	19.2		Pass
Band1	0.62	L	15.8	6.7		19.9	35.7	26.6			56	46		20.3	19.4		Pass
Band1	0.62	L	17.1	7.5		19.9	37	27.4			56	46		19	18.6		Pass

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