



BLE (Band Edge @ 3m)

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz & BLE_CH00 2402MHz & Part96 B48 Co-location	
5	Horizontal	Fundamental
Peak	<p> Date: 1 Level (dBm/Vm) Date: 2023-03-30 Frequency (MHz) </p> <p> Site : 03CH01-SZ Condition : PEAK_BE_74 3m HF_ANT(3117)_22 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz Mode : 54 IMEI : 352134980043864/352134980043872 Plane : X with Accessories 5G WIFI : 6M Power setting 16 BLE : 2M </p>	<p> Date: 3 Level (dBm/Vm) Date: 2023-03-30 Frequency (MHz) </p> <p> Site : 03CH01-SZ Condition : PEAK_74 3m HF_ANT(3117)_22 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz Mode : 54 IMEI : 352134980043864/352134980043872 Plane : X with Accessories 5G WIFI : 6M Power setting 16 BLE : 2M </p>
	<p> Date: 2 Level (dBm/Vm) Date: 2023-03-30 Frequency (MHz) </p> <p> Site : 03CH01-SZ Condition : AVG_BE_54 3m HF_ANT(3117)_22 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz Mode : 54 IMEI : 352134980043864/352134980043872 Plane : X with Accessories 5G WIFI : 6M Power setting 16 BLE : 2M </p>	<p> Date: 4 Level (dBm/Vm) Date: 2023-03-30 Frequency (MHz) </p> <p> Site : 03CH01-SZ Condition : AVG_54 3m HF_ANT(3117)_22 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz Mode : 54 IMEI : 352134980043864/352134980043872 Plane : X with Accessories 5G WIFI : 6M Power setting 16 BLE : 2M </p>
Avg.		



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz & BLE_CH00 2402MHz & Part96 B48 Co-location	
5+6	Vertical	Fundamental
Peak	<p>Date: 5 Date: 2023-03-30</p> <p>Site : 03CH01-SZ Condition : PEAK_BE_74 3m HF_ANT(3117)_22 VERTICAL Mode : RBW:1000.000KHz VBW:3000.000KHz :54 IMEI : 352134980043864/352134980043872 Plane : X with Accessories Sig: WIFI :GM Power setting 16 BLE : 2M</p>	<p>Date: 7 Date: 2023-03-30</p> <p>Site : 03CH01-SZ Condition : PEAK_74 3m HF_ANT(3117)_22 VERTICAL Mode : RBW:1000.000KHz VBW:3000.000KHz :54 IMEI : 352134980043864/352134980043872 Plane : X with Accessories Sig: WIFI :GM Power setting 16 BLE : 2M</p>
	<p>Date: 6 Date: 2023-03-30</p> <p>Site : 03CH01-SZ Condition : AVG_BE_54 3m HF_ANT(3117)_22 VERTICAL Mode : RBW:1000.000KHz VBW:10.000KHz :54 IMEI : 352134980043864/352134980043872 Plane : X with Accessories Sig: WIFI :GM Power setting 16 BLE : 2M</p>	<p>Date: 8 Date: 2023-03-30</p> <p>Site : 03CH01-SZ Condition : AVG_54 3m HF_ANT(3117)_22 VERTICAL Mode : RBW:1000.000KHz VBW:10.000KHz :54 IMEI : 352134980043864/352134980043872 Plane : X with Accessories Sig: WIFI :GM Power setting 16 BLE : 2M</p>



**802.11a CH140 5700MHz & 11ax HE20_CH01 2412MHz & Part96 B48 (Harmonic @ 3m)
(Harmonic @ 3m)**

WIFI	FCC U-NII-2C 5470~5725MHz + 2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz & 11ax HE20_CH01 2412MHz & Part96 B48 Co-location	
5+6	Horizontal	Vertical
Peak Avg.	<p>Date: 19 Date: 2023-04-11</p> <p>Site : 03CH01-SZ Condition : PART 15.407 3m HF_ANT(3117)_22 HORIZONTAL Mode : 53 IMEI : 352134980043864/352134980043872 Plane : Y with Accessories 5G WIFI : 6M Power setting 16 2.4G WIFI : MCS0 Power setting 15.5</p>	<p>Date: 20 Date: 2023-04-11</p> <p>Site : 03CH01-SZ Condition : PART 15.407 3m HF_ANT(3117)_22 VERTICAL Mode : 53 IMEI : 352134980043864/352134980043872 Plane : Y with Accessories 5G WIFI : 6M Power setting 16 2.4G WIFI : MCS0 Power setting 15.5</p>

Note: the highest signals over limit are 5G WLAN+2.4G WLAN+LTE B48 co-location fundamental signals.



802.11a CH140 5700MHz & BLE_CH00 2402MHz & Part96 B48 (Harmonic @ 3m)
(Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Contains spectral plots and metadata for Peak Avg. measurements. The plots show Level (dBmV/m) vs Frequency (MHz) with various signal components and limits.

Note: the highest signals over limit are 5G WLAN+2.4G WLAN+LTE B48 co-location fundamental signals.



<Straddle Channel>

FCC U-NII-2C - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	FCC U-NII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
5+6	Horizontal	Fundamental
Peak	<p>Site : 03CH01-SZ Condition : U-NII-2C AND U-NII-3 3m HF _ANT(3117)_22 HORIZONTAL Mode : 47 IMEI : 352134980043864/352134980043872 Plane : Y with Accessories : 6M Power setting 16</p>	Left blank
Avg.	<p>Site : 03CH01-SZ Condition : PART 15.407 AVG 3m HF _ANT(3117)_22 HORIZONTAL Mode : 47 IMEI : 352134980043864/352134980043872 Plane : Y with Accessories : 6M Power setting 16</p>	Left blank



WIFI	FCC U-NII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
5+6	Vertical	Fundamental
Peak	<p>Site : 03CH01-SZ Condition : U-NII-2C AND U-NII-3 3m HF_ANT(3117)_22 VERTICAL : RBW10000000KHz VBW3000000KHz Mode : 47 IMEI : 352134980043864/352134980043872 Plane : Y with Accessories : 6M Power setting 16</p>	Left blank
Avg.	<p>Site : 03CH01-SZ Condition : PART 15.407 AVG 3m HF_ANT(3117)_22 VERTICAL : RBW10000000KHz VBW0.010KHz Mode : 47 IMEI : 352134980043864/352134980043872 Plane : Y with Accessories : 6M Power setting 16</p>	Left blank



FCC U-NII-2C – Straddle Channel
WIFI 802.11ax HE20 (Band Edge @ 3m)

WIFI ANT	FCC U-NII-2C Straddle Channel Band Edge @ 3m	
5+6	802.11ax CH144 5720MHz - L	
	Horizontal	Fundamental
Peak	<p>Site : 03CH01-SZ Condition : U-NII-2C AND U-NII-3 3m HF_ANT[3117]_22 HORIZONTAL RBW:1000.0000kHz VBW:3000.0000kHz Mode : 48 IMET : 352134980043864/352134980043872 Plane : Y with Accessories MCS0 Power setting 16.5</p>	Left blank
Avg.	<p>Site : 03CH01-SZ Condition : PART 15.407 AVG 3m HF_ANT[3117]_22 HORIZONTAL RBW:1000.0000kHz VBW:0.0100kHz Mode : 48 IMET : 352134980043864/352134980043872 Plane : Y with Accessories MCS0 Power setting 16.5</p>	Left blank



WIFI ANT	FCC U-NII-2C Straddle Channel Band Edge @ 3m	
5+6	802.11ax CH144 5720MHz - L	
	Vertical	Fundamental
Peak	<p> Date: 3 Level (dBm/100MHz) Date: 2023-03-24 Frequency (MHz) </p> <p> Site : 03CH01-SZ Condition : U-NII-2C AND U-NII-3 3m HF_ANT(3117)_22 VERTICAL Mode : RBW:1000.0000kHz VBW:3000.0000kHz IMEI : 352134980043864/352134980043872 Plane : Y with Accessories : MCS0 Power setting 16.5 </p>	Left blank
Avg.	<p> Date: 4 Level (dBm/100MHz) Date: 2023-03-24 Frequency (MHz) </p> <p> Site : 03CH01-SZ Condition : PART E5407 AVG 3m HF_ANT(3117)_22 VERTICAL Mode : RBW:1000.0000kHz VBW:0.0100kHz IMEI : 352134980043864/352134980043872 Plane : Y with Accessories : MCS0 Power setting 16.5 </p>	Left blank



FCC U-NII-2C – Straddle Channel
WIFI 802.11ax HE40 (Band Edge @ 3m)

WIFI ANT	FCC U-NII-2C Straddle Channel Band Edge @ 3m	
5+6	802.11ax CH142 5710MHz - L	
	Horizontal	Fundamental
Peak	<p>Site : 03CH01-SZ Condition : U-NII-2C AND U-NII-3 3m HF_ANT(3117)_22 HORIZONTAL Mode : 49 TIMEI : 352134980043864/352134980043872 Plane : Y with Accessories MCSO Power setting 16</p>	Left blank
Avg.	<p>Site : 03CH01-SZ Condition : PART 15.407 AVG 3m HF_ANT(3117)_22 HORIZONTAL Mode : 49 TIMEI : 352134980043864/352134980043872 Plane : Y with Accessories MCSO Power setting 16</p>	Left blank



WIFI	FCC U-NII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11ax CH142 5710MHz - L	
5+6	Vertical	Fundamental
Peak	<p> Date: 3 Site : 03CH01-SZ Condition : U-NII-2C AND U-NII-3 3m HF_ANT(3117)_22 VERTICAL : RBW:10000000Hz VBW:30000000Hz Mode : 49 IMEI : 352134980043864/352134980043872 Plane : Y with Accessories : MCS0 Power setting 16 </p>	Left blank
Avg.	<p> Date: 4 Site : 03CH01-SZ Condition : PART 15.407 AVG 3m HF_ANT(3117)_22 VERTICAL : RBW:10000000Hz VBW:0.010KHz Mode : 49 IMEI : 352134980043864/352134980043872 Plane : Y with Accessories : MCS0 Power setting 16 </p>	Left blank



FCC U-NII-2C – Straddle Channel
WIFI 802.11ax HE80 (Band Edge @ 3m)

WIFI ANT	FCC U-NII-2C Straddle Channel Band Edge @ 3m	
5+6	802.11ax CH138 5690MHz - L	
	Horizontal	Fundamental
Peak	<p>Site : 03CH01-SZ Condition : U-NII-2C AND U-NII-3 3m HF_ANT(3117)_22 HORIZONTAL Mode : 50 TIMEI : 352134980043864/352134980043872 Plane : Y with Accessories MCSO Power setting 15.5</p>	Left blank
Avg.	<p>Site : 03CH01-SZ Condition : PART 15.407 AVG 3m HF_ANT(3117)_22 HORIZONTAL Mode : 50 TIMEI : 352134980043864/352134980043872 Plane : Y with Accessories MCSO Power setting 15.5</p>	Left blank



WIFI	FCC U-NII-2C Straddle Channel Band Edge @ 3m	
ANT	802.11ax CH138 5690MHz - L	
5+6	Vertical	Fundamental
Peak	<p>Date: 3 Date: 2023-03-24</p> <p>Site : 03CH01-SZ Condition : U-NII-2C BAND U-NII-3 3m HF_ANT(3117)_22 VERTICAL RBW:1000000000Hz VBW:300000000Hz Mode : 50 IMEI : 352134980043864/352134980043872 Plane : Y with Accessories MCSO Power setting 15.5</p>	Left blank
Avg.	<p>Date: 4 Date: 2023-03-24</p> <p>Site : 03CH01-SZ Condition : PART 15.407 AVG 3m HF_ANT(3117)_22 VERTICAL RBW:1000000000Hz VBW:0.010000Hz Mode : 50 IMEI : 352134980043864/352134980043872 Plane : Y with Accessories MCSO Power setting 15.5</p>	Left blank



FCC U-NII-2C - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI	FCC U-NII-2C Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
5+6	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH01-SZ Condition : PART 15.407 3m HF_ANT(3117)_22 HORIZONTAL Mode : 47 TIMEI : 352134980043864/352134980043872 Plane : Y with Accessories : 6M Power setting 16</p>	<p>Site : 03CH01-SZ Condition : PART 15.407 3m HF_ANT(3117)_22 VERTICAL Mode : 47 TIMEI : 352134980043864/352134980043872 Plane : Y with Accessories : 6M Power setting 16</p>



**FCC U-NII-2C – Straddle Channel
WIFI 802.11ax HE20 (Harmonic @ 3m)**

WIFI	FCC U-NII-2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE20 CH144 5720MHz	
5+6	Horizontal	Vertical
Peak Avg.	<p>Date: 1 Date: 2023-03-31</p> <p>Site : 03C401-SZ Condition : PART 15.407 3m HF_ANT(3117)_22 HORIZONTAL Mode : 48 IMEI : 352134980043864/352134980043872 Plane : Y with Accessories MCSO Power setting 16.5</p>	<p>Date: 2 Date: 2023-03-31</p> <p>Site : 03C401-SZ Condition : PART 15.407 3m HF_ANT(3117)_22 VERTICAL Mode : 48 IMEI : 352134980043864/352134980043872 Plane : Y with Accessories MCSO Power setting 16.5</p>



FCC U-NII-2C – Straddle Channel
WIFI 802.11ax HE40 (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot showing Level (dBuV/m) vs Frequency (MHz) for Part 15.407. The plots show a signal level around 70 dBuV/m with a noise floor around 52.5 dBuV/m. Metadata includes Site: 03C401-SZ, Condition: PART 15.407 3m HF_ANT(3117)_22 HORIZONTAL/VERTICAL, Mode: 49, IMEI: 352134980043864/352134980043872, Plane: Y with Accessories, MCS0 Power setting 16.

Peak Avg.



FCC U-NII-2C – Straddle Channel
WIFI 802.11ax HE80 (Harmonic @ 3m)

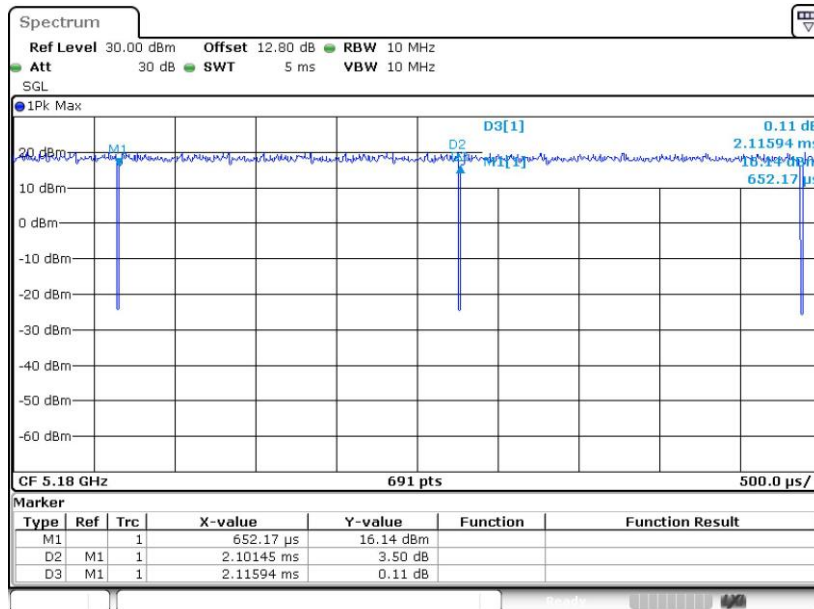
Table with 3 columns: WIFI ANT 5+6, FCC U-NII-2C Straddle Channel Harmonic @ 3m 802.11ax HE80 CH138 5690MHz, and sub-columns for Horizontal and Vertical. It contains two spectral plots (Date: 2023-03-31) and technical details like Site, Condition, Mode, IMEI, and Plane.



Appendix D. Duty Cycle Plots

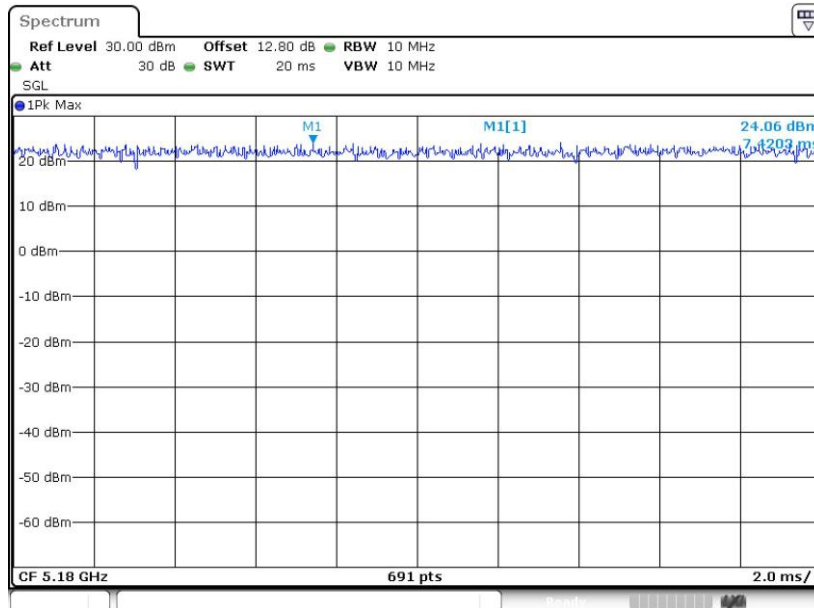
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	99.32	2.102	0.476	10Hz
802.11ax HE20	100	-	-	10Hz
802.11ax HE40	100	-	-	10Hz
802.11ax HE80	100	-	-	10Hz
802.11ax HE160	99.33	2.152	0.465	10Hz

802.11a

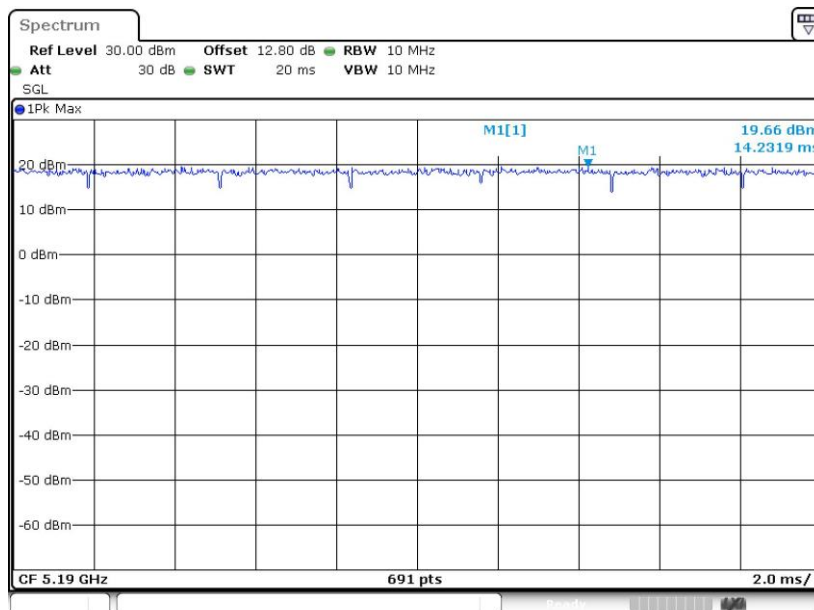




802.11ax HE20

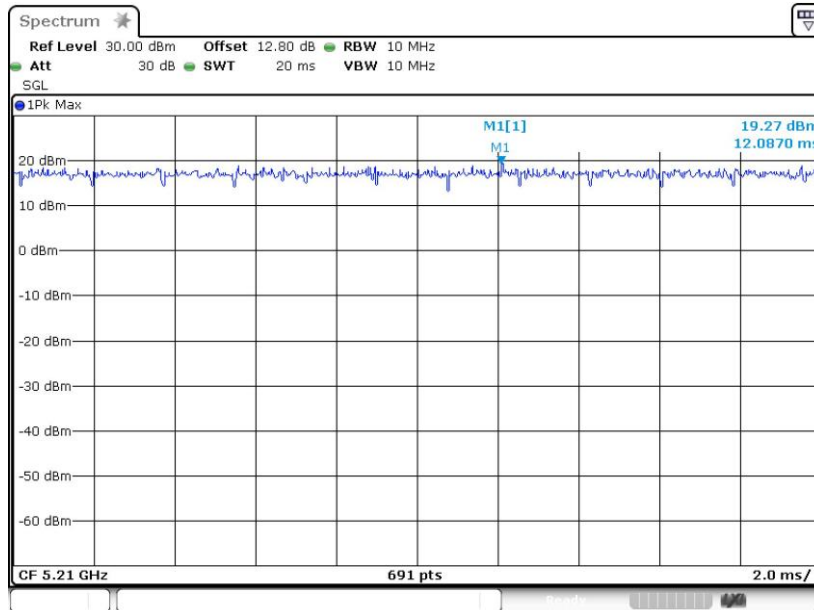


802.11 ax HE40





802.11 ax HE80



802.11 ax HE160

