



U-NII-2C - Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

Table with 14 columns: WIFI, Note, Frequency, Level, Margin, Limit, Read, Antenna, Path, Preamp, Ant, Table, Peak, Pol. It contains test data for 802.11n HT20 CH 144 at 5720MHz and a Remark section.



U-NII-2C - Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant., Note, Frequency, Level, Margin, Limit Line, Read Level, Antenna Factor, Path Loss, Preamp Factor, Ant Pos, Table Pos, Peak Avg., Pol. Rows include test data for 802.11n HT40 CH 142 5710MHz and a Remark section.



U-NII-2C - Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)

Table with 14 columns: WIFI, Note, Frequency, Level, Margin, Limit, Read, Antenna, Path, Preamp, Ant, Table, Peak, Pol. It contains test results for frequencies 9136, 11420, and 17130 MHz across various channels (802.11n, HT40, CH 142, 5710MHz).



U-NII-2C - Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant., Note, Frequency, Level, Margin, Limit Line, Read Level, Antenna Factor, Path Loss, Preamp Factor, Ant Pos, Table Pos, Peak Avg., Pol. Rows include test results for 802.11ac VHT80 CH 138 5690MHz and a Remark section.



U-NII-2C - Straddle Channel
WIFI 802.11ac VHT80 (Harmonic @ 3m)

Table with 14 columns: WIFI, Note, Frequency, Level, Margin, Limit, Read, Antenna, Path, Preamp, Ant, Table, Peak, Pol. It contains 7 rows of test data for 802.11ac VHT80 CH 138 and a Remark section at the bottom.



U-NII-2C - Straddle Channel

Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11n HT20 LF		102.75	21.43	-22.07	43.5	40.28	15.3	1.04	35.19	-	-	P	H
		196.84	25.73	-17.77	43.5	42.87	16.51	1.45	35.1	-	-	P	H
		320.03	26.73	-19.27	46	39.52	20.23	1.88	34.9	-	-	P	H
		532.46	23.52	-22.48	46	31.23	24.44	2.49	34.64	-	-	P	H
		736.16	26.25	-19.75	46	30.17	27.56	2.95	34.43	-	-	P	H
		974.78	29.79	-24.21	54	30.52	29.99	3.43	34.15	-	-	P	H
		36.79	25.86	-14.14	40	40.84	19.38	0.64	35	-	-	P	V
		196.84	28.01	-15.49	43.5	45.15	16.51	1.45	35.1	-	-	P	V
		332.64	24.29	-21.71	46	36.64	20.63	1.92	34.9	-	-	P	V
		571.26	27.11	-18.89	46	33.86	25.21	2.6	34.56	-	-	P	V
		792.42	27.9	-18.1	46	30.99	28.15	3.08	34.32	-	-	P	V
	988.36	29.84	-24.16	54	30.37	30.13	3.46	34.12	-	-	P	V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is Margin line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
1													
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
 - = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 - = 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
 - = 55.45 (dBμV/m)
2. Margin (dB)
 - = Level(dBμV/m) – Limit Line(dBμV/m)
 - = 55.45(dBμV/m) – 74(dBμV/m)
 - = -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
 - = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 - = 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
 - = 43.54 (dBμV/m)
2. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)
 - = 43.54(dBμV/m) – 54(dBμV/m)
 - = -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Radiated Spurious Emission

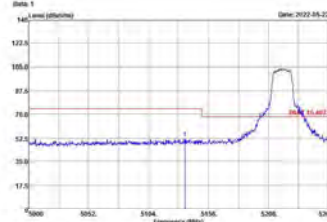
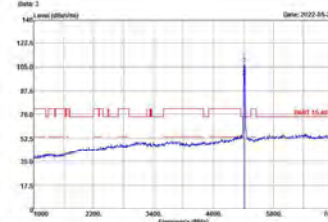
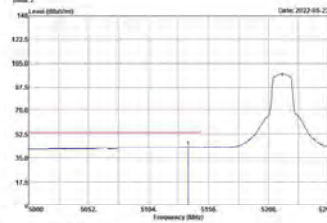
U-NII-1 - 5150~5250MHz WIFI 802.11a (Band Edge @ 3m)

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m																																																			
ANT	802.11a CH36 5180MHz																																																			
1	Horizontal	Fundamental																																																		
Peak	<p>Site : ECH202 S2 Condition : PA27 15.407 3m HF ANT 3117 0167 HORIZONTAL Power : 1000.0000Hz VSW 3000 6000Hz Project : 100234 41 Mode : Mode 1 M31 : #12 G0022G032166691G Plane : Y with Accessory SM Powering 10</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>LIM1</th> <th>L1m</th> <th>Level Factor</th> <th>Limit Factor</th> <th>A/Pos</th> <th>T/Freq</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>114.17</td> <td>52.10</td> <td>-21.43</td> <td>74.89</td> <td>31.65</td> <td>14.89</td> <td>9.34</td> <td>50.65</td> <td>100</td> <td>1.0 Average</td> </tr> </tbody> </table>	Freq	Level	LIM1	L1m	Level Factor	Limit Factor	A/Pos	T/Freq	Notes	1	114.17	52.10	-21.43	74.89	31.65	14.89	9.34	50.65	100	1.0 Average	<p>Site : ECH202 S2 Condition : PA27 15.407 3m HF ANT 3117 0167 HORIZONTAL Power : 1000.0000Hz VSW 3000 6000Hz Project : 100234 41 Mode : Mode 1 M31 : #12 G0022G032166691G Plane : Y with Accessory SM Powering 10</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>LIM1</th> <th>L1m</th> <th>Level Factor</th> <th>Limit Factor</th> <th>A/Pos</th> <th>T/Freq</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>119.09</td> <td>104.81</td> <td>26.51</td> <td>62.50</td> <td>42.19</td> <td>14.89</td> <td>9.48</td> <td>50.65</td> <td>100</td> <td>1.0 Peak</td> </tr> <tr> <td>2</td> <td>119.09</td> <td>97.47</td> <td>21.43</td> <td>67.26</td> <td>34.89</td> <td>9.48</td> <td>50.65</td> <td>100</td> <td>1.0 Average</td> </tr> </tbody> </table>	Freq	Level	LIM1	L1m	Level Factor	Limit Factor	A/Pos	T/Freq	Notes	1	119.09	104.81	26.51	62.50	42.19	14.89	9.48	50.65	100	1.0 Peak	2	119.09	97.47	21.43	67.26	34.89	9.48	50.65	100	1.0 Average
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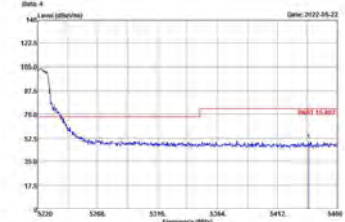
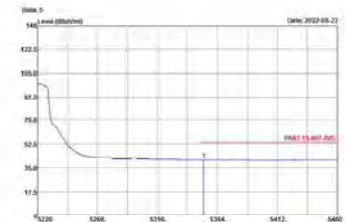


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Peak	 <p>Site : D3CH2 S2 Condition : TRMT 15.407 3m HF ANT 3177 0167 HORIZONTAL RWVW 1000.0000Hz VSW 3000 6000Hz Project : 102634-01 Mode : Mode 2 BW : #F2 G00000032166801G Plane : Y with Accessory SM Powering 18</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Dist</th> <th>LINE</th> <th>Resolution</th> <th>Gate</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Freq</th> <th>Marker</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5220.00</td> <td>48.00</td> <td>00.00</td> <td>00.00</td> <td>00.00</td> <td>00.00</td> <td>00.00</td> <td>00.00</td> <td>00.00</td> </tr> </tbody> </table>	Freq	Level	Dist	LINE	Resolution	Gate	Preamp	A/Pos	T/Freq	Marker	1	5220.00	48.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	 <p>Site : D3CH2 S2 Condition : TRMT 15.407 3m HF ANT 3177 0167 HORIZONTAL RWVW 1000.0000Hz VSW 3000 6000Hz Project : 102634-01 Mode : Mode 2 BW : #F2 G00000032166801G Plane : Y with Accessory SM Powering 18</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Dist</th> <th>LINE</th> <th>Resolution</th> <th>Gate</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Freq</th> <th>Marker</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5220.00</td> <td>48.00</td> <td>00.00</td> <td>00.00</td> <td>00.00</td> <td>00.00</td> <td>00.00</td> <td>00.00</td> <td>00.00</td> </tr> </tbody> </table>	Freq	Level	Dist	LINE	Resolution	Gate	Preamp	A/Pos	T/Freq	Marker	1	5220.00	48.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
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ANT	802.11a CH44 5220MHz - R																						
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Peak	 <p>Site : 03CH02 02 Condition : FR1D 10.000 MHz HP_ANT_3117_2107_HORIZONTAL Range 1000.000000 Hz View 3000.0000 Hz Project : 020314-01 Mode : Mode 2 #REF : #REF!G00000002166001G Plane : 7 with Accessory SW Powering 18 Date: 2022-05-22</p> <table border="1"> <thead> <tr> <th>Peak</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> <th>Level</th> </tr> <tr> <th>1</th> <th>5435.00</th> <th>50.89</th> <th>-23.11</th> <th>74.89</th> <th>37.37</th> <th>34.28</th> <th>9.87</th> <th>38.55</th> <th>389</th> <th>342 times</th> </tr> </thead> </table>	Peak	Level	Level	Level	Level	Level	Level	Level	Level	Level	1	5435.00	50.89	-23.11	74.89	37.37	34.28	9.87	38.55	389	342 times	Left blank
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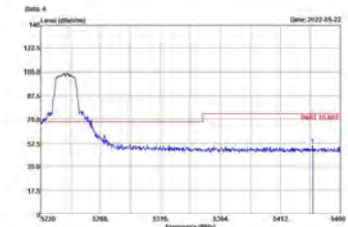
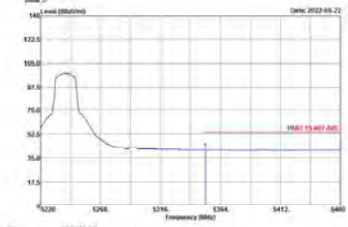


WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m																																									
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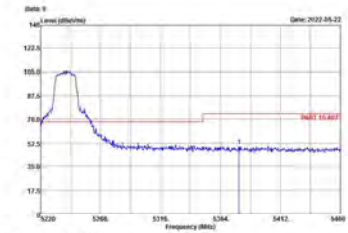
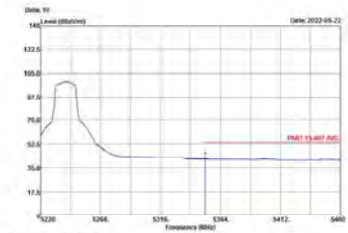


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WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m															
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Freq	Level	Limit	Level Factor	Limit Factor	Units	Pass/Fail										
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**U-NII-1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m																																																	
ANT	802.11n HT20 CH36 5180MHz																																																	
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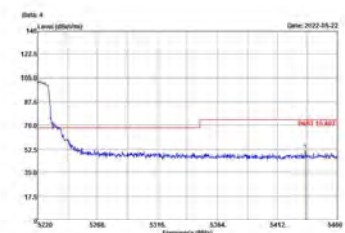
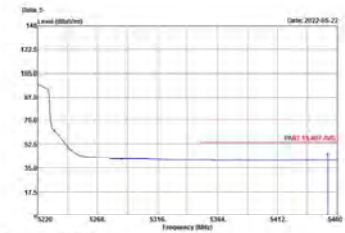


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Avg.	<p>Site : ECH20 SZ Condition : FR1D 15.481 5m HF ANT 3177 0167 VERTICAL Power : 1000.000000 Hz View 3000 6000Hz Project : 102534-01 Mode : Mode 11 SMC : #02-G000003216601G Plane : Y with Accessory MCS9 Powerreading IT</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Dist</th> <th>Limit</th> <th>ReadName</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Freq</th> <th>Marker</th> </tr> <tr> <th>MHz</th> <th>dBm/Hz</th> <th>dB</th> <th>dBm/Hz</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>Hz</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5242.41</td> <td>42.43</td> <td>-11.83</td> <td>54.49</td> <td>29.24</td> <td>34.89</td> <td>9.34</td> <td>38.85</td> <td>389</td> <td>117 Average</td> </tr> </tbody> </table>	Freq	Level	Dist	Limit	ReadName	Cable	Preamp	A/Pos	T/Freq	Marker	MHz	dBm/Hz	dB	dBm/Hz	dBm	dB	dB	dB	Hz	dB	1	5242.41	42.43	-11.83	54.49	29.24	34.89	9.34	38.85	389	117 Average	Left blank																																										
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WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 80CH02 02 Condition : FR1D15.007 5m HP_ANT 3117 2167 VERTICAL Range: 5000.000kHz View: 5000.000kHz Project : 20220419 Mode : Mode 11 #REF: #REF: 8022020321660103 Plane : Y with Accessory MCS9 Powerreading IT Pres Level: Over Limit ResistorLoss Cable Preamp A/Poss T/Poss Min: 80.0716 dB 80.0716 dB 0.0000 dB 0.0000 dB 0.0000 dB 0.0000 dB 0.0000 dB 0.0000 dB 1: 80.0716 82.47 73.13 74.89 82.84 84.28 8.82 84.53 188 127 times</p>	Left blank
Avg.	<p>Site : 80CH02 02 Condition : FR1D15.007 5m HP_ANT 3117 2167 VERTICAL Range: 5000.000kHz View: 5000.000kHz Project : 20220419 Mode : Mode 11 #REF: #REF: 8022020321660103 Plane : Y with Accessory MCS9 Powerreading IT Pres Level: Over Limit ResistorLoss Cable Preamp A/Poss T/Poss Min: 80.0716 dB 80.0716 dB 0.0000 dB 0.0000 dB 0.0000 dB 0.0000 dB 0.0000 dB 0.0000 dB 1: 82.51 84.27 82.73 84.49 87.79 84.28 8.82 84.53 188 127 times</p>	Left blank



WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m																																																																										
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Peak	<p>Site : ECHO2 S2 Condition : TRF1 15.000 5m HF ANT 3177 0167 HORIZONTAL Project : 102534-01 Mode : Mode 12 ME1 : #F2-G000003216601G Plane : Y with Accessory MCS9 Powerreading IT</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>Resolution</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Freq</th> <th>Marker</th> </tr> <tr> <th>MHz</th> <th>dBm/Hz</th> <th>dB</th> <th>dBm/Hz</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>kHz</th> <th>dBm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1142.42</td> <td>52.51</td> <td>-21.49</td> <td>74.49</td> <td>49.17</td> <td>34.98</td> <td>9.34</td> <td>38.68</td> <td>189</td> <td>139 Peak</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	Resolution	Cable	Preamp	A/Pos	T/Freq	Marker	MHz	dBm/Hz	dB	dBm/Hz	dBm	dB	dB	dB	kHz	dBm	1	1142.42	52.51	-21.49	74.49	49.17	34.98	9.34	38.68	189	139 Peak	<p>Site : ECHO2 S2 Condition : TRF1 15.000 5m HF ANT 3177 0167 HORIZONTAL Project : 102534-01 Mode : Mode 12 ME1 : #F2-G000003216601G Plane : Y with Accessory MCS9 Powerreading IT</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>Resolution</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Freq</th> <th>Marker</th> </tr> <tr> <th>MHz</th> <th>dBm/Hz</th> <th>dB</th> <th>dBm/Hz</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>kHz</th> <th>dBm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5240.00</td> <td>105.38</td> <td>57.89</td> <td>62.59</td> <td>62.35</td> <td>34.87</td> <td>9.34</td> <td>38.67</td> <td>189</td> <td>139 Peak</td> </tr> <tr> <td>2</td> <td>5240.00</td> <td>96.13</td> <td>57.89</td> <td>62.59</td> <td>62.35</td> <td>34.87</td> <td>9.34</td> <td>38.67</td> <td>189</td> <td>139 Average</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	Resolution	Cable	Preamp	A/Pos	T/Freq	Marker	MHz	dBm/Hz	dB	dBm/Hz	dBm	dB	dB	dB	kHz	dBm	1	5240.00	105.38	57.89	62.59	62.35	34.87	9.34	38.67	189	139 Peak	2	5240.00	96.13	57.89	62.59	62.35	34.87	9.34	38.67	189	139 Average
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<p>Peak</p>	<p>Site : DCH02 02 Condition : FR1D 10.807 5m HP_ANT_3117_2167 HORIZONTAL Range : 5000.0000Hz View : 3000 3000Hz Project : DCH02 02 Mode : Mode 12 #REF : #REF! DCH020321660103 Plane : Y with Accessory MCS9 Powerreading IT</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Residual</th> <th>Rejection</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Freq</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>5240.0000</td> <td>78.50</td> <td>78.50</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td></td> </tr> </tbody> </table> <p>1 : 5424.72 50.87 -23.93 79.89 31.34 34.28 9.34 38.55 389 1.19 Time</p>	Freq	Level	Limit	Residual	Rejection	Cable	Preamp	A/Pos	T/Freq	Notes	5240.0000	78.50	78.50	0.00	0.00	0.00	0.00	0.00	0.00		<p>Fundamental</p> <p>Left blank</p>
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Peak	<p>Site : 03CH02 02 Condition : FR1E1 10.807 5m HP_ANT 3117 216T VERTICAL RBW 100.000kHz VBW 3.000kHz Project : 020314-01 Mode : 12 #01 : #02 00000031660103 Plane : Y with Accessory MCS9 Powerreading IT</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Residual</th> <th>Rejection</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Freq</th> <th>Span</th> </tr> </thead> <tbody> <tr> <td>5240.00</td> <td>87.53</td> <td>-23.47</td> <td>74.06</td> <td>17.91</td> <td>14.28</td> <td>0.07</td> <td>08.55</td> <td>100</td> <td>112.00</td> </tr> </tbody> </table>	Freq	Level	Limit	Residual	Rejection	Cable	Preamp	A/Pos	T/Freq	Span	5240.00	87.53	-23.47	74.06	17.91	14.28	0.07	08.55	100	112.00	Left blank
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**U-NII-1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m																																																							
ANT	802.11n HT40 CH38 5190MHz - L																																																							
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Peak	<p>Site : D3CH2 SZ Condition : FR1T 15.487 3m HF ANT 3117 D18T HORIZONTAL Power : 1000.0000 Hz VSWR 3.000 0.000 Hz Project : 100818-01 Model : MIMO 79 M11 : #10-00000000000000000000 Plane : Y-axis Accessory MCS9 PowerSetting IS</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Loss</th> <th>CA</th> <th>SAI</th> <th>Pass</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5194.82</td> <td>52.75</td> <td>-11.25</td> <td>14.89</td> <td>49.06</td> <td>14.89</td> <td>3.74</td> <td>38.00</td> <td>289</td> <td>241</td> <td>Pass</td> </tr> </tbody> </table>	Freq	Level	Limit	Level Factor	Loss Factor	Loss	CA	SAI	Pass	1	5194.82	52.75	-11.25	14.89	49.06	14.89	3.74	38.00	289	241	Pass	<p>Site : D3CH2 SZ Condition : FR1T 15.487 3m HF ANT 3117 D18T HORIZONTAL Power : 1000.0000 Hz VSWR 3.000 0.000 Hz Project : 100818-01 Model : MIMO 79 M11 : #10-00000000000000000000 Plane : Y-axis Accessory MCS9 PowerSetting IS</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Loss</th> <th>CA</th> <th>SAI</th> <th>Pass</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5194.86</td> <td>45.43</td> <td>-11.13</td> <td>68.39</td> <td>48.22</td> <td>14.89</td> <td>3.48</td> <td>19.46</td> <td>189</td> <td>241</td> <td>Pass</td> </tr> <tr> <td>2</td> <td>5198.89</td> <td>91.81</td> <td>-----</td> <td>-----</td> <td>81.28</td> <td>34.89</td> <td>3.48</td> <td>34.89</td> <td>189</td> <td>241</td> <td>Pass</td> </tr> </tbody> </table>	Freq	Level	Limit	Level Factor	Loss Factor	Loss	CA	SAI	Pass	1	5194.86	45.43	-11.13	68.39	48.22	14.89	3.48	19.46	189	241	Pass	2	5198.89	91.81	-----	-----	81.28	34.89	3.48	34.89	189	241	Pass
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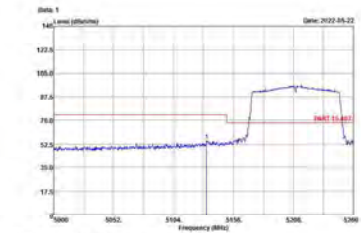
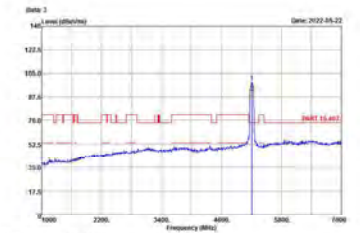
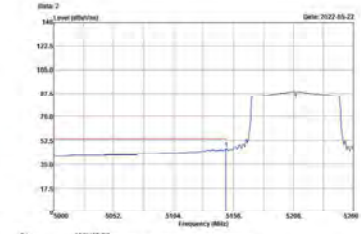
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Avg.	<p>Site : ECHO2 S2 Condition : FR1T 15.407 5m HF ANT 317T 016T VERTICAL Power : 1000.0000Hz VSW 3.0000Hz Project : 102514-01 Mode : Mode 29 SWI : FR1D093403216601G Plane : Y with Accessory MCS9 Powerreading IT</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Ant</th> <th>Pos</th> <th>T/Freq</th> <th>Marker</th> </tr> </thead> <tbody> <tr> <td>5243.24</td> <td>42.81</td> <td>-11.13</td> <td>54.94</td> <td>46.16</td> <td>61.36</td> <td>9.14</td> <td>36.67</td> <td>189</td> <td>112 Average</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	Ant	Pos	T/Freq	Marker	5243.24	42.81	-11.13	54.94	46.16	61.36	9.14	36.67	189	112 Average	Left blank																														
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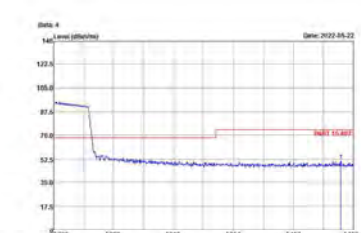
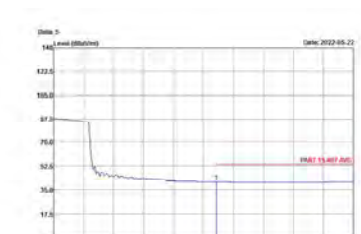
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH02 02 Condition : FR01 10.487 Hz HP_ANT_3117_2161 VERTICAL Range 1000.000kHz View 3000.000kHz Project : 020314-01 Mode : Mode 29 #01 : #02 02030321660103 Plane : Y with Accessory MCS9 Powerreading IT Pres Level Over Limit Resolution Cable Preset A/Pwr T/Pwr Status #01 000716 -05 000716 -0507 -0516 -05 -05 -05 -04 046 1 5487.02 58.74 -23.16 74.89 37.25 54.28 9.82 08.53 389 3.12 Time</p>	Left blank
Avg.	<p>Site : 03CH02 02 Condition : FR01 10.487 Hz HP_ANT_3117_2161 VERTICAL Range 1000.000kHz View 3.000kHz Project : 020314-01 Mode : Mode 29 #01 : #02 02030321660103 Plane : Y with Accessory MCS9 Powerreading IT Pres Level Over Limit Resolution Cable Preset A/Pwr T/Pwr Status #01 000716 -05 000716 -0507 -0516 -05 -05 -05 -04 046 1 5230.00 42.04 -12.04 54.89 27.96 54.28 9.98 08.53 389 3.12 Time</p>	Left blank



U-NII-1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m																																																		
ANT	802.11ac VHT80 CH42 5210MHz - L																																																		
1	Horizontal	Fundamental																																																	
Peak	 <p>Site: -ECHOE S2 Condition: TWT 15.00 3m HF ANT 3117 0167 HORIZONTAL RBW 1000.0000Hz VBW 3000.0000Hz Project: 100516-01 Mode: 26 MEI: #FD-C00000321660HG Plane: Y with Accessory SCS2: Powerreading 14.6</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Line1</th> <th>Line2</th> <th>Level Factor</th> <th>Line Factor</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td>5152.00</td> <td>-45.80</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> <tr> <td>5210.00</td> <td>-35.11</td> <td>-18.47</td> <td>74.89</td> <td>-42.43</td> <td>31.37</td> <td>3.31 38.98 100 135 Peak</td> </tr> </tbody> </table>	Freq	Level	Line1	Line2	Level Factor	Line Factor	Remark	5152.00	-45.80	0.00	0.00	0.00	0.00	0.00	5210.00	-35.11	-18.47	74.89	-42.43	31.37	3.31 38.98 100 135 Peak	 <p>Site: -ECHOE S2 Condition: TWT 15.00 3m HF ANT 3117 0167 HORIZONTAL RBW 1000.0000Hz VBW 3000.0000Hz Project: 100516-01 Mode: 26 MEI: #FD-C00000321660HG Plane: Y with Accessory SCS2: Powerreading 14.6</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Line1</th> <th>Line2</th> <th>Level Factor</th> <th>Line Factor</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td>5152.00</td> <td>-45.80</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> <tr> <td>5210.00</td> <td>-35.11</td> <td>-18.47</td> <td>74.89</td> <td>-42.43</td> <td>31.37</td> <td>3.31 38.98 100 135 Peak</td> </tr> <tr> <td>5218.00</td> <td>-37.06</td> <td>-17.17</td> <td>75.27</td> <td>-34.81</td> <td>34.49</td> <td>3.49 39.71 100 135 Peak</td> </tr> </tbody> </table>	Freq	Level	Line1	Line2	Level Factor	Line Factor	Remark	5152.00	-45.80	0.00	0.00	0.00	0.00	0.00	5210.00	-35.11	-18.47	74.89	-42.43	31.37	3.31 38.98 100 135 Peak	5218.00	-37.06	-17.17	75.27	-34.81	34.49	3.49 39.71 100 135 Peak
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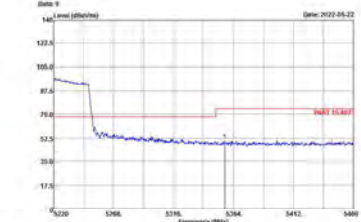
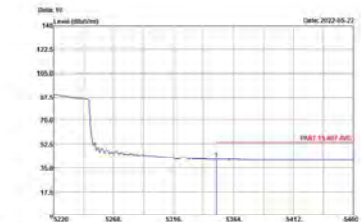


WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m															
ANT	802.11ac VHT80 CH42 5210MHz - R															
1	Horizontal	Fundamental														
Peak	 <p>Site: 10CH02 02 Condition: FREQ 10.407 5m HP ANT 3117 21ST HORIZONTAL BW 100.000000 Hz VIEW 3000 0000 Hz FREQ 5210.41 Mode 2# #REF: #REF! #REF! #REF! #REF! Plane Y with Accessory MCS9 Powerreading 10.0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Line Factor</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>5210.41</td> <td>-120.43</td> <td>-120.43</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Line Factor	Margin	5210.41	-120.43	-120.43	0.00	0.00	0.00	0.00	Left blank
Freq	Level	Limit	Line	Level Factor	Line Factor	Margin										
5210.41	-120.43	-120.43	0.00	0.00	0.00	0.00										
Avg.	 <p>Site: 10CH02 02 Condition: FREQ 10.407 5m HP ANT 3117 21ST HORIZONTAL BW 100.000000 Hz VIEW 3000 0000 Hz FREQ 5210.41 Mode 2# #REF: #REF! #REF! #REF! #REF! Plane Y with Accessory MCS9 Powerreading 10.0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Line Factor</th> <th>Margin</th> </tr> </thead> <tbody> <tr> <td>5210.41</td> <td>-120.43</td> <td>-120.43</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Line Factor	Margin	5210.41	-120.43	-120.43	0.00	0.00	0.00	0.00	Left blank
Freq	Level	Limit	Line	Level Factor	Line Factor	Margin										
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WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m																																															
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Avg.	<p>Site : ECH02 02 Condition : TRFET 15.407 3m HF ANT 3177 0167 VERTICAL RBW 1000.0000Hz VBW 3000.0000Hz Project : 120154-01 Mode : Mode 28 BWI : #F0-G000003216601G Plane : Y with Accessory MCS9 Powerreading 14.6</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Line Factor</th> <th>Marker</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1216.86</td> <td>47.16</td> <td>-6.84</td> <td>56.99</td> <td>34.47</td> <td>31.89</td> <td>9.34</td> <td>36.60</td> <td>100</td> <td>1.0</td> <td>Average</td> </tr> </tbody> </table>	Freq	Level	Line	Level Factor	Line Factor	Marker	1	1216.86	47.16	-6.84	56.99	34.47	31.89	9.34	36.60	100	1.0	Average	Left blank																												
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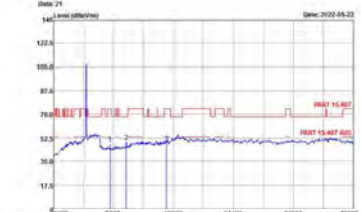
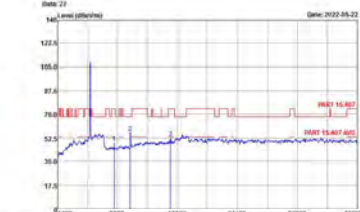
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 80CH02 02 Condition : FR1E1 10.807 5m HP ANT 3117 3167 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz Project : 120514-01 Mode : Mode 28 #REF : #REF!G0000032166001G Plane : Y with Accessory MCS9 Powerreading 10 G Pres Level Over Limit Resistance Cable Presure A/Poss T/Poss 1 1207.08 58.54 -121.90 74.89 37.46 34.28 9.98 38.52 389 1.18 Time</p>	Left blank
Avg.	 <p>Site : 80CH02 02 Condition : FR1E1 10.807 5m HP ANT 3117 3167 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz Project : 120514-01 Mode : Mode 28 #REF : #REF!G0000032166001G Plane : Y with Accessory MCS9 Powerreading 10 G Pres Level Over Limit Resistance Cable Presure A/Poss T/Poss 1 1206.32 41.13 -121.68 54.89 27.04 34.28 9.98 38.52 389 1.18 Average</p>	Left blank



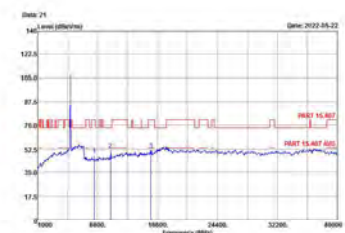
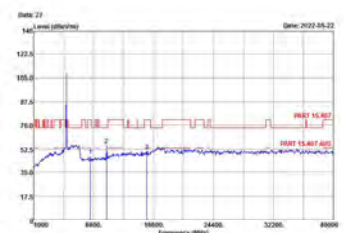
U-NII-1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	U-NII-1 5150~5250MHz Harmonic @ 3m																																																																									
ANT	802.11a CH36 5180MHz																																																																									
1	Horizontal	Vertical																																																																								
Peak Avg.	<p>Site: SZ002 02 Condition: PART 15.407 3m HF_ANT_3HT_3HT HORIZONTAL Project: 12034-01 Mode: Mode 1 Ref: ANT-04020002000000000000 Plan: Y-axis: Accessory IM Powering: IS</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Level</th> <th>Line</th> <th>Amplitude</th> <th>Calc. Factor</th> <th>A/Pos</th> <th>T/Freq</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Line Factor</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>3</td> <td>18766.00</td> <td>52.55</td> <td>-14.73</td> <td>66.00</td> <td>55.12</td> <td>51.22</td> <td>11.54</td> <td>66.00</td> <td>Peak</td> </tr> <tr> <td>2</td> <td>15549.00</td> <td>58.53</td> <td>-21.67</td> <td>74.00</td> <td>51.61</td> <td>48.13</td> <td>14.24</td> <td>58.53</td> <td>Peak</td> </tr> </tbody> </table>	Over	Level	Line	Amplitude	Calc. Factor	A/Pos	T/Freq	Remark	Freq	Level	Line	Level Factor	Line Factor				3	18766.00	52.55	-14.73	66.00	55.12	51.22	11.54	66.00	Peak	2	15549.00	58.53	-21.67	74.00	51.61	48.13	14.24	58.53	Peak	<p>Site: SZ002 02 Condition: PART 15.407 3m HF_ANT_3HT_3HT VERTICAL Project: 12034-01 Mode: Mode 1 Ref: ANT-04020002000000000000 Plan: Y-axis: Accessory IM Powering: IS</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Level</th> <th>Line</th> <th>Amplitude</th> <th>Calc. Factor</th> <th>A/Pos</th> <th>T/Freq</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Line Factor</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>3</td> <td>18766.00</td> <td>50.35</td> <td>-9.75</td> <td>66.00</td> <td>74.12</td> <td>51.22</td> <td>11.54</td> <td>66.00</td> <td>Peak</td> </tr> <tr> <td>2</td> <td>15549.00</td> <td>58.16</td> <td>-21.70</td> <td>74.00</td> <td>54.00</td> <td>48.13</td> <td>14.24</td> <td>58.16</td> <td>Peak</td> </tr> </tbody> </table>	Over	Level	Line	Amplitude	Calc. Factor	A/Pos	T/Freq	Remark	Freq	Level	Line	Level Factor	Line Factor				3	18766.00	50.35	-9.75	66.00	74.12	51.22	11.54	66.00	Peak	2	15549.00	58.16	-21.70	74.00	54.00	48.13	14.24	58.16	Peak
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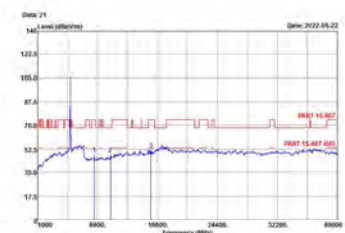
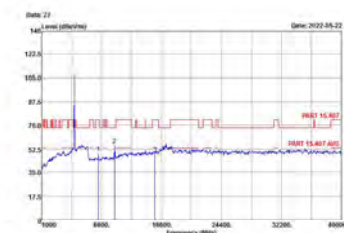
U-NII-1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

Table with 4 columns: WIFI, ANT, 1, and two sub-columns for Horizontal and Vertical orientations. It contains two graphs showing Peak and Avg. power levels across a frequency range, with associated technical specifications and data tables below each graph.



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U-NII-1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

Table with 4 columns: WIFI, ANT, 1, and two sub-columns for Horizontal and Vertical. It contains two graphs showing Peak and Avg. power levels across a frequency range from 5000 to 8000 MHz. Each graph includes a data table with columns for frequency, level, and remarks.



WIFI	U-NII-1 5150~5250MHz Harmonic @ 3m																																																																																																				
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U-NII-1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

Table with 3 columns: WIFI, ANT, and 1. It contains two sub-tables for Peak and Avg. measurements, each with a spectral plot and a data table. The data tables include columns for Freq, Level, Line, Line Factor, Loss Factor, and Remarks.



U-NII-2A - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m																																									
ANT	802.11a CH52 5260MHz - L																																									
1	Horizontal	Fundamental																																								
Peak	<p>Site: 120403 02 Condition: PA02 15.407 3m HF ANT 3117 5187 HORIZONTAL Project: 120934-01 Model: 80211 MEI: #92 G0822G032166001G Plane: 1 with Accessory SM PowerRating: 05</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Dist</th> <th>Line1</th> <th>Assessment</th> <th>Cable</th> <th>Preamp</th> <th>A/Poz</th> <th>T/Pos</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>5260.72</td> <td>93.04</td> <td>-22.86</td> <td>74.89</td> <td>79.44</td> <td>19.57</td> <td>9.72</td> <td>34.59</td> <td>189</td> <td>139 Pass</td> </tr> </tbody> </table>	Freq	Level	Dist	Line1	Assessment	Cable	Preamp	A/Poz	T/Pos	Notes	5260.72	93.04	-22.86	74.89	79.44	19.57	9.72	34.59	189	139 Pass	<p>Site: 120403 02 Condition: PA02 15.407 3m HF ANT 3117 5187 HORIZONTAL Project: 120934-01 Model: 80211 MEI: #92 G0822G032166001G Plane: 1 with Accessory SM PowerRating: 05</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Dist</th> <th>Line1</th> <th>Assessment</th> <th>Cable</th> <th>Preamp</th> <th>A/Poz</th> <th>T/Pos</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>5260.88</td> <td>95.43</td> <td>-22.86</td> <td>74.89</td> <td>79.44</td> <td>19.57</td> <td>9.72</td> <td>34.59</td> <td>189</td> <td>139 Average</td> </tr> </tbody> </table>	Freq	Level	Dist	Line1	Assessment	Cable	Preamp	A/Poz	T/Pos	Notes	5260.88	95.43	-22.86	74.89	79.44	19.57	9.72	34.59	189	139 Average
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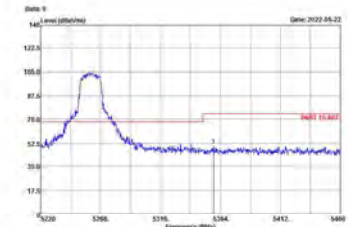
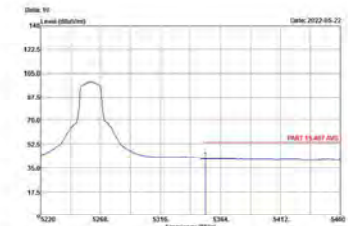


WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

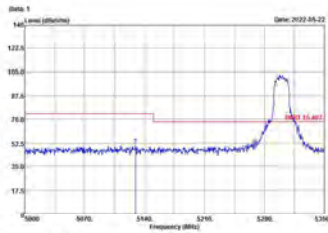
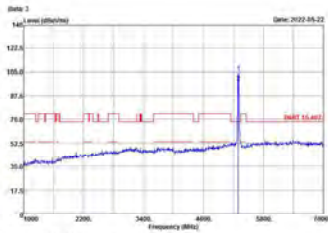
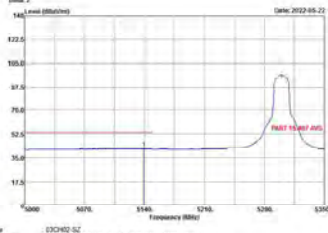


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Avg.	<p>Site : ECH20 SZ Condition : FR1T 15.407 3m HF ANT 317T 016T VERTICAL Range 1000.0000Hz VSW 3000.0000Hz Project : 102034-01 Mode : Mode 4 SMC : #FD-GOR0003216601G Plane : Y with Accessory SM Flawlessing 18</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Dist</th> <th>1/10d1</th> <th>Resolution</th> <th>Gate</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Freq</th> <th>Marker</th> </tr> </thead> <tbody> <tr> <td>5260.00</td> <td>52.86</td> <td>0.00</td> <td>11.94</td> <td>52.86</td> <td>29.32</td> <td>0.00</td> <td>0.24</td> <td>38.68</td> <td>189</td> <td>133 Average</td> </tr> </tbody> </table>	Freq	Level	Dist	1/10d1	Resolution	Gate	Preamp	A/Pos	T/Freq	Marker	5260.00	52.86	0.00	11.94	52.86	29.32	0.00	0.24	38.68	189	133 Average	Left blank																																
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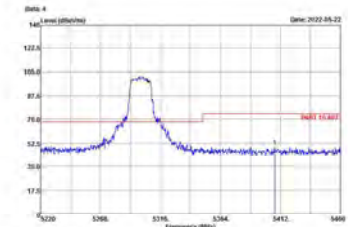
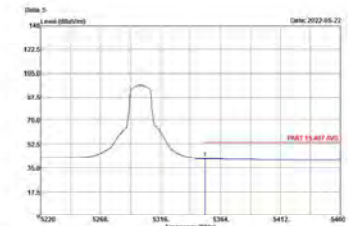


WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m																									
ANT	802.11a CH52 5260MHz - R																									
1	Vertical	Fundamental																								
Peak	 <p>Site : 03CH02 02 Condition : FR01 10.000 MHz HP_ANT_3117_2167 VERTICAL RBW: 1000.0000 Hz VBW: 3000.0000 Hz Project : 020314 03 Mode : Mode 4 #REF : #REF! GPO00032166601G Plane : 7 with Accessory SM Powering: 18</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Line Factor</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>5260.24</td> <td>91.18</td> <td>-22.82</td> <td>79.49</td> <td>37.79</td> <td>34.28</td> <td>9.98</td> <td>38.52</td> <td>389</td> <td>133</td> <td>Time</td> <td></td> </tr> </tbody> </table>	Freq	Level	Line	Level Factor	Line Factor	dB	dB	dB	dB	dB	dB	dB	5260.24	91.18	-22.82	79.49	37.79	34.28	9.98	38.52	389	133	Time		Left blank
Freq	Level	Line	Level Factor	Line Factor	dB	dB	dB	dB	dB	dB	dB															
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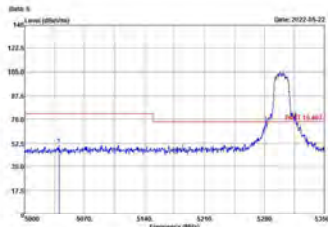
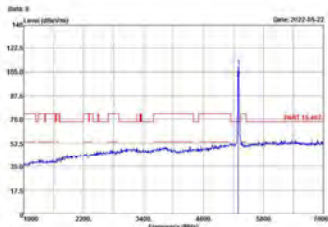
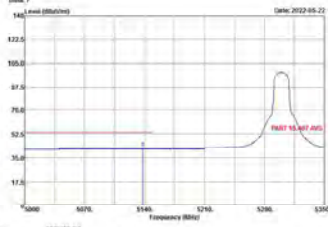


WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m																																									
ANT	802.11a CH60 5300MHz - L																																									
1	Horizontal	Fundamental																																								
Peak	 <p>Site: - ECH02-SZ Condition: - TRF1 15.407 3m HF ANT 3177 0167 HORIZONTAL RWV 1000.0000Hz VSW 3000 6000Hz Project: - 102534-01 Mode: - Mode 3 #REF: - #REF: G000003216601G Plane: - Y with Accuracy SM Powering: 18</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Freq</th> <th>Mask</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5325.08</td> <td>53.47</td> <td>-22.42</td> <td>74.89</td> <td>30.79</td> <td>53.07</td> <td>9.31 38.68 189 343 Pass</td> </tr> </tbody> </table>	Freq	Level	Line	Level Factor	Loss Factor	A/Pos	T/Freq	Mask	1	5325.08	53.47	-22.42	74.89	30.79	53.07	9.31 38.68 189 343 Pass	 <p>Site: - ECH02-SZ Condition: - TRF1 15.407 3m HF ANT 3177 0167 HORIZONTAL RWV 1000.0000Hz VSW 3000 6000Hz Project: - 102534-01 Mode: - Mode 3 #REF: - #REF: G000003216601G Plane: - Y with Accuracy SM Powering: 18</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Freq</th> <th>Mask</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5300.00</td> <td>104.11</td> <td>35.83</td> <td>42.50</td> <td>69.42</td> <td>54.28</td> <td>6.77 38.31 189 343 Pass</td> </tr> <tr> <td>2</td> <td>5308.09</td> <td>97.47</td> <td>35.83</td> <td>39.29</td> <td>64.23</td> <td>51.29</td> <td>9.77 38.54 189 343 Average</td> </tr> </tbody> </table>	Freq	Level	Line	Level Factor	Loss Factor	A/Pos	T/Freq	Mask	1	5300.00	104.11	35.83	42.50	69.42	54.28	6.77 38.31 189 343 Pass	2	5308.09	97.47	35.83	39.29	64.23	51.29	9.77 38.54 189 343 Average
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Freq	Level	Line	Level Factor	Line Factor	dB	dB	dB	dB	dB	dB	dB															
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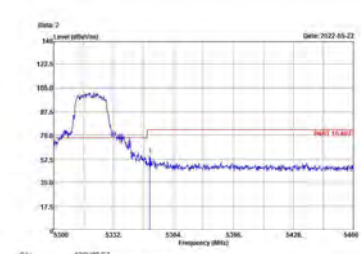
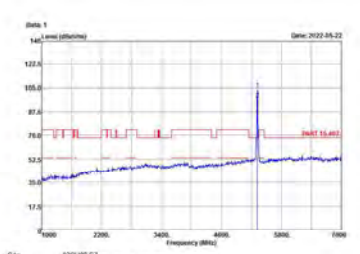
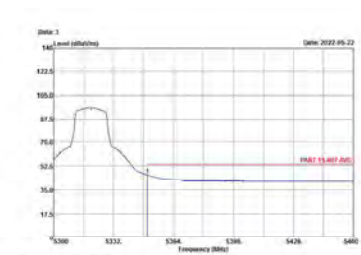


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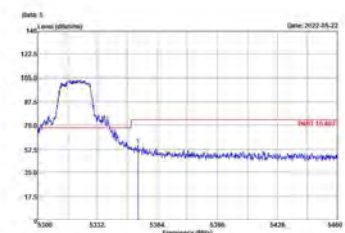
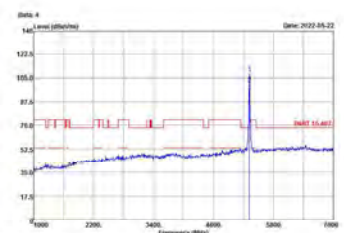
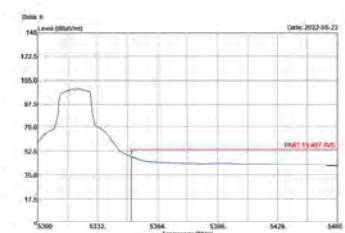


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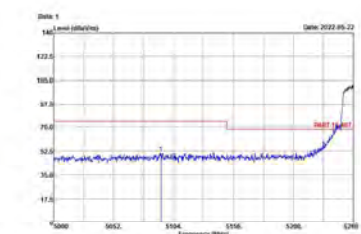
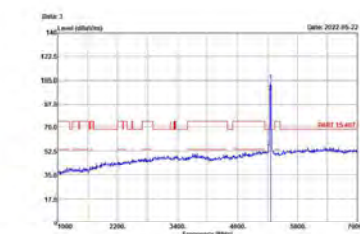
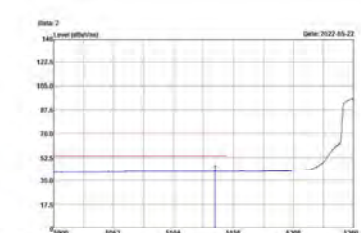
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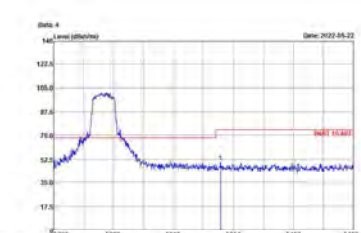
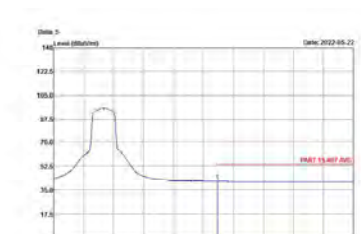
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**U-NII-2A 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

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ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH02 02 Condition : FR1D 10.000 5m HP_ANT_3117_2167 VERTICAL RBW: 100.000kHz VBW: 3000.000kHz Project : 020314-01 Mode : 13 #01 : #02 000000321660103 Plane : Y with Accessory MCS9 Powerreading IT Pres Level Over Limit Resistor/Att Cable Preamp A/Pos T/Pos #04 00000000 00 0000000 0000 0000 00 00 00 00 00 00 00 00 00 00 1 : 5272.49 51.55 -22.45 79.89 10.07 34.26 9.98 36.52 389 2.12 Time</p>	Left blank
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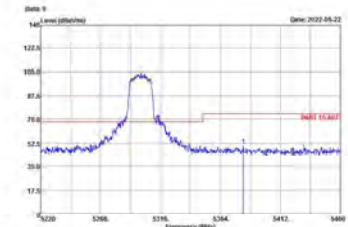
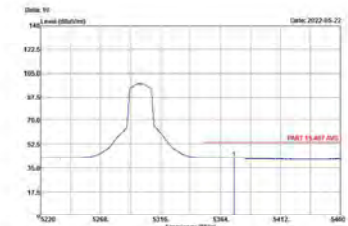


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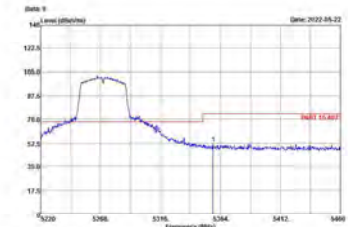
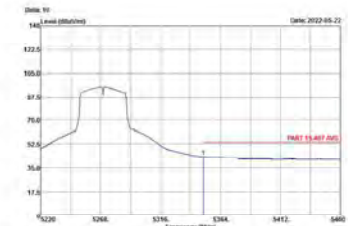


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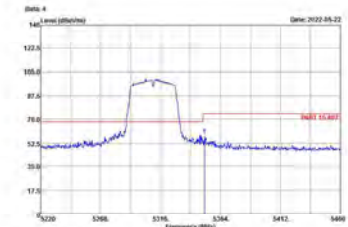
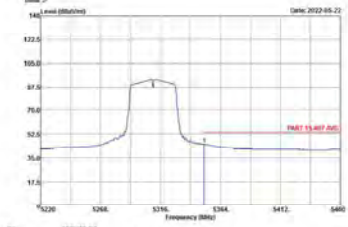


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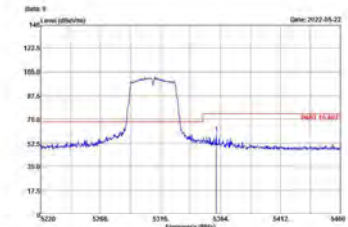
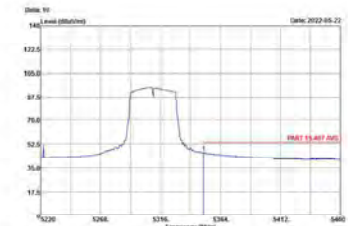


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Freq	Level	Limit	Margin	Residual	Class	Power	A/Pos	T/Pos	Notes													
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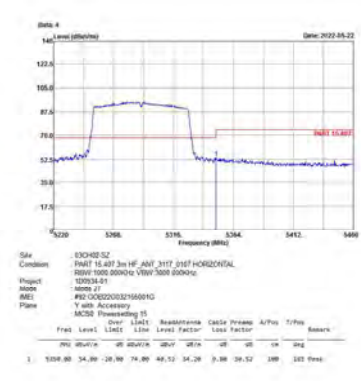

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ANT	802.11n HT40 CH62 5310 - R																					
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U-NII-2A 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak	<p> Data 1 Date: 2022-05-22 Title: 15.487 3m HF ANT 3117 0167 HORIZONTAL Condition: 15.487 3m HF ANT 3117 0167 HORIZONTAL RBW: 1000.000000 Hz View: 3000.000000 Hz Project: 120258-01 Mode: J7 MEI: #FD-C0000002165691G Plane: Y with Accessory SMCIS: Powerreading 05 Over 1: 1.641 Residual: 1.641 Cals: 1.641 P/Pos: 1.641 T/Freq: 1.641 Status: 1.641 Freq: 5280.00 5285.00 5290.00 5295.00 5300.00 Level: -30.00 -30.00 -30.00 -30.00 -30.00 Line: 1.641 1.641 1.641 1.641 1.641 Factor: 1.641 1.641 1.641 1.641 1.641 1: 5290.00 52.77 -21.23 74.89 49.27 41.87 9.22 58.50 100 345 Peak </p>	<p> Data 2 Date: 2022-05-22 Title: 15.487 3m HF ANT 3117 0167 HORIZONTAL Condition: 15.487 3m HF ANT 3117 0167 HORIZONTAL RBW: 1000.000000 Hz View: 3000.000000 Hz Project: 120258-01 Mode: J7 MEI: #FD-C0000002165691G Plane: Y with Accessory SMCIS: Powerreading 05 Over 1: 1.641 Residual: 1.641 Cals: 1.641 P/Pos: 1.641 T/Freq: 1.641 Status: 1.641 Freq: 5280.00 5285.00 5290.00 5295.00 5300.00 Level: -30.00 -30.00 -30.00 -30.00 -30.00 Line: 1.641 1.641 1.641 1.641 1.641 Factor: 1.641 1.641 1.641 1.641 1.641 1: 5290.00 57.41 25.21 60.59 84.28 94.27 8.73 58.51 100 345 Peak 2: 5290.00 49.18 11.04 17.00 77.27 94.27 9.76 58.51 100 345 Average </p>
Avg.	<p> Data 2 Date: 2022-05-22 Title: 15.487 3m HF ANT 3117 0167 HORIZONTAL Condition: 15.487 3m HF ANT 3117 0167 HORIZONTAL RBW: 1000.000000 Hz View: 3000.000000 Hz Project: 120258-01 Mode: J7 MEI: #FD-C0000002165691G Plane: Y with Accessory SMCIS: Powerreading 05 Over 1: 1.641 Residual: 1.641 Cals: 1.641 P/Pos: 1.641 T/Freq: 1.641 Status: 1.641 Freq: 5280.00 5285.00 5290.00 5295.00 5300.00 Level: -30.00 -30.00 -30.00 -30.00 -30.00 Line: 1.641 1.641 1.641 1.641 1.641 Factor: 1.641 1.641 1.641 1.641 1.641 1: 5290.00 43.09 -12.81 54.89 57.21 41.87 9.22 58.50 100 345 Average </p>	<p>Left blank</p>



WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m																	
ANT	802.11ac VHT80 CH58 5290MHz - R																	
1	Horizontal	Fundamental																
Peak	 <p>Site : 03CH02 02 Condition : FR1D 10.000 5m HP ANT 3117 2167 HORIZONTAL Power : 1000.000000 W Mode : 2F Modulation : 802.11ac VHT80 CH58 Plane : V with Accessory MCS9 PowerSpectrum 01 Over 1.0dB Resistor: 50 Ohm Cable: 1.0m Antenna: 3117 Date: 2022-05-27</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Unit</th> <th>Level Factor</th> <th>Limit Factor</th> <th>Pass/Fail</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>5290.00</td> <td>54.89</td> <td>-28.00</td> <td>dBm</td> <td>46.89</td> <td>34.26</td> <td>Pass</td> <td>383.33ms</td> </tr> </tbody> </table>	Freq	Level	Limit	Unit	Level Factor	Limit Factor	Pass/Fail	Time	5290.00	54.89	-28.00	dBm	46.89	34.26	Pass	383.33ms	Left blank
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WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m																			
ANT	802.11ac VHT80 CH58 5290MHz - R																			
1	Vertical	Fundamental																		
Peak	<p>Site : 03CH02 02 Condition : FR1D 10.000 MHz HP ANT 3117 0101 VERTICAL Power : 1000.000000 Hz View : 3000.0000 Hz Project : 020124-01 Mode : 2F #001 : FR1D 0200000321660103 Plane : V with Accessory MCS9 Powerreading 01</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Residual</th> <th>Mask</th> <th>Power</th> <th>A/Pos</th> <th>T/Pos</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>5290.00</td> <td>75.12</td> <td>-18.00</td> <td>74.49</td> <td>41.04</td> <td>34.26</td> <td>0.00</td> <td>04.52</td> <td>300 129 0000</td> </tr> </tbody> </table>	Freq	Level	Limit	Residual	Mask	Power	A/Pos	T/Pos	Notes	5290.00	75.12	-18.00	74.49	41.04	34.26	0.00	04.52	300 129 0000	Left blank
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U-NII-2A - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

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