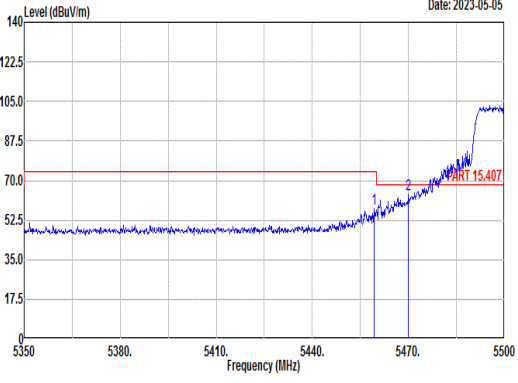
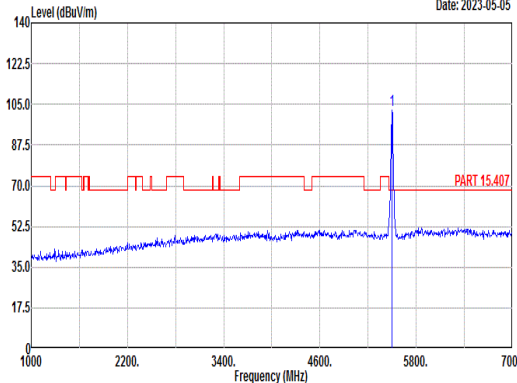
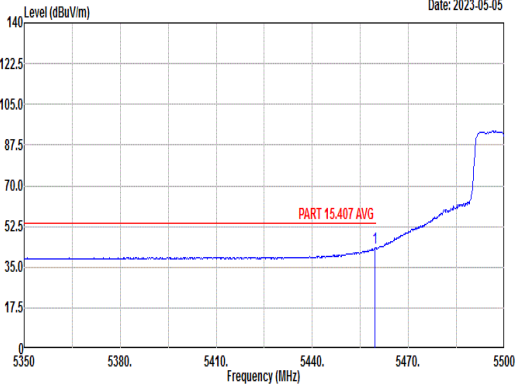
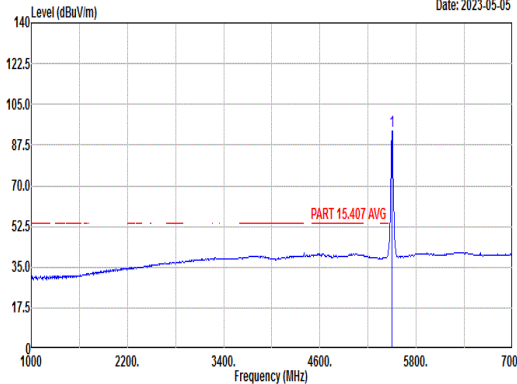


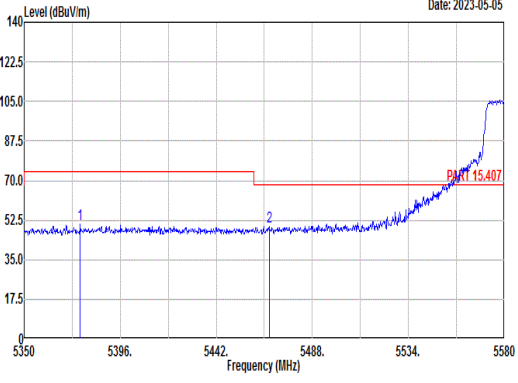
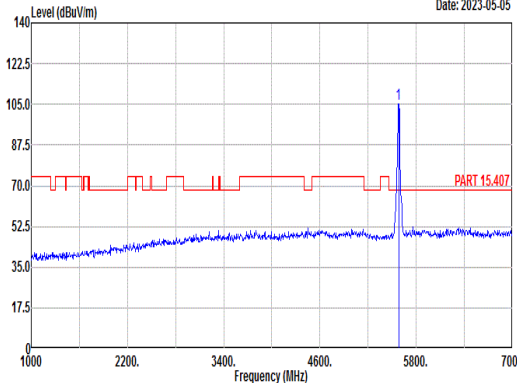
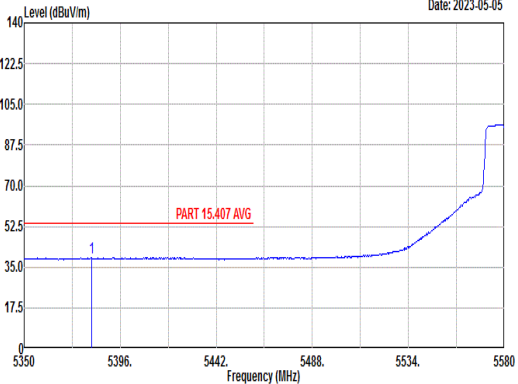
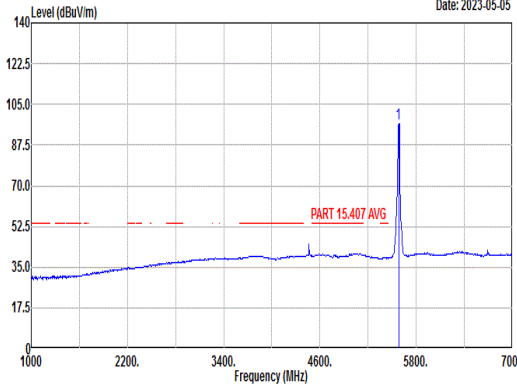


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Mode	19
	LF
	U-NII-1_5.15-5.25_802.11ac VHT20_CH36_5180MHz
ANT	1

Pol.	Horizontal	Vertical
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Peak Avg

Date: 1
Date: 2023-05-17

Site : 03CH03-SZ
Condition : FCC CLASS-B 3m LF_ANT35408 HORIZONTAL
Mode : 25
Setting : MCS0 Power setting 17
Plane : Z with accessories
352000530016413/352000530016421

Peak	Freq (MHz)	Level (dBuV/m)	Over Limit (dB)	ReadAntenna (dBuV/m)	Cable Loss (dB)	Preamp Loss (dB)	A/Pos (cm)	T/Pos (deg)	Remark
1	38.97	23.80	-16.20	40.00	30.72	24.37	0.54	31.83	Peak
2	143.49	23.35	-11.34	45.59	35.25	17.33	1.43	31.05	Peak
3	262.80	35.03	-10.97	46.00	44.90	19.61	1.69	31.17	Peak
4	392.78	25.67	-20.33	46.00	32.97	21.63	2.68	31.01	Peak
5	632.97	26.66	-19.34	46.00	30.43	24.94	2.58	30.99	Peak
6	735.19	27.88	-18.12	46.00	30.41	25.55	2.82	30.90	Peak

Date: 2
Date: 2023-05-17

Site : 03CH03-SZ
Condition : FCC CLASS-B 3m LF_ANT35408 VERTICAL
Mode : 25
Setting : MCS0 Power setting 17
Plane : Z with accessories
352000530016413/352000530016421

Peak	Freq (MHz)	Level (dBuV/m)	Over Limit (dB)	ReadAntenna (dBuV/m)	Cable Loss (dB)	Preamp Loss (dB)	A/Pos (cm)	T/Pos (deg)	Remark
1	38.97	25.62	-14.38	40.00	32.74	24.37	0.54	31.83	Peak
2	98.87	24.89	-19.41	43.59	37.92	16.91	1.01	31.75	Peak
3	174.53	27.69	-15.81	43.58	42.06	15.63	1.35	31.35	Peak
4	259.89	26.18	-19.82	46.00	35.98	19.70	1.68	31.18	Peak
5	486.67	26.48	-19.52	46.00	31.48	23.53	2.30	30.83	Peak
6	645.95	28.04	-17.96	46.00	31.41	24.94	2.64	30.95	Peak



<Co-Location Mode>

802. 11n HT20 CH36 & LTE B13 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802. 11n HT20 CH36 & LTE B13		5143.78	58.08	-15.92	74	48.91	34.54	7.48	32.85	251	356	P	H
		5149.76	49.7	-4.3	54	40.53	34.54	7.48	32.85	251	356	P	H
	*	5180	104.09	-	-	94.92	34.53	7.53	32.89	251	356	A	H
	*	5180	96.94	-	-	87.77	34.53	7.53	32.89	251	356	P	H
		5148.46	57.97	-16.03	74	48.8	34.54	7.48	32.85	289	260	P	V
		5149.99	50.89	-3.11	54	41.72	34.54	7.48	32.85	289	260	P	V
	*	5180	103.87	-	-	94.7	34.53	7.53	32.89	289	260	A	V
	*	5180	96.61	-	-	87.44	34.53	7.53	32.89	289	260	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

802. 11n HT20 CH36 & LTE B13 (Harmonic @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802. 11n HT20 CH36 & LTE B13		10360	49.25	-19.05	68.3	51.98	39.72	10.73	53.18	-	-	P	H
		15540	49.04	-24.96	74	48.97	41.74	12.72	54.39	-	-	P	H
		10360	48.26	-20.04	68.3	50.99	39.72	10.73	53.18	-	-	P	V
		15540	50.26	-23.74	74	50.19	41.74	12.72	54.39	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



<Co-Location Plots>

11n HT20_CH36 & LTE Band13 (Band Edge @ 3m)

WIFI 802.11ac (Band Edge @ 3m)

WIFI ANT	Band 1 5150~5250MHz Band Edge @ 3m																																																																					
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2	5180.00	90.94	-----	87.17	34.33	7.53	32.89	251	356 Average																																																													
Avg.	<p>Site : 03CH03-S2 Condition : PART 15.407 AVG 3m ANT3117_0057 HORIZONTAL Mode : REW 1000 000kHz VBW 1 000kHz Setting : Mode 25 Plane : MCS0 Powersetting 17 : 2 with accessories : 302000530016413/302000530016421</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>cm</th> <th>deg</th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5149.76</td> <td>49.70</td> <td>-4.38</td> <td>54.08</td> <td>48.53</td> <td>34.34</td> <td>7.48</td> <td>33.85</td> <td>251</td> <td>356 Average</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	cm	deg	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1	5149.76	49.70	-4.38	54.08	48.53	34.34	7.48	33.85	251	356 Average	Left blank																																							
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**11n HT20_CH36 5180MHz & Band13 (Harmonic @ 3m)
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WIFI ANT	Band 1 5150~5250MHz Band Edge @ 3m 11n HT20_CH36 5180MHz & Band13 Co-colation																																																																									
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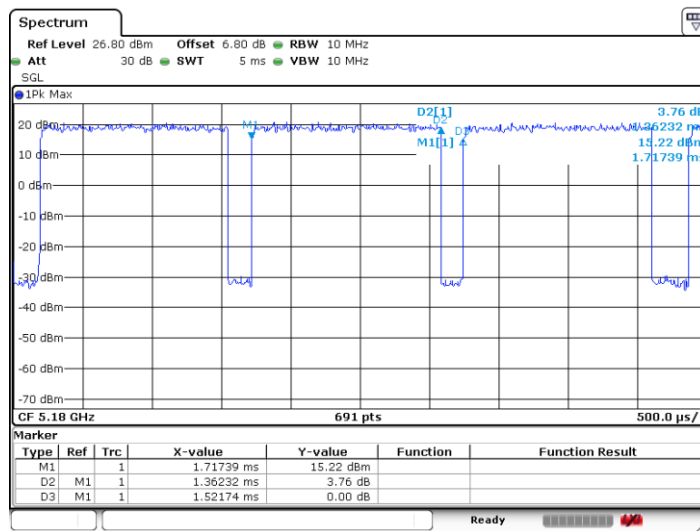
Note: The highest signal over limit is WLAN fundamental signal.



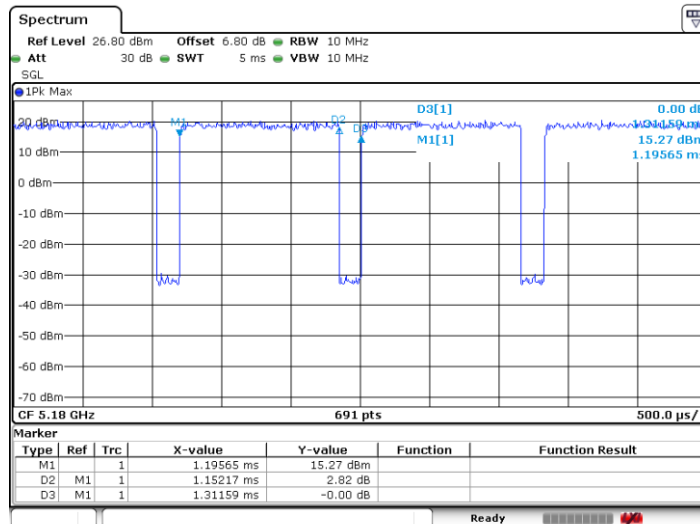
Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	89.52	1.362	0.734	1KHz
802.11n VHT20	87.85	1.152	0.868	1KHz
802.11ac VHT20	87.79	1.159	0.863	1KHz

802.11a



802.11n HT 20





802.11ac VHT 20

