Appendix A. Radiated Spurious Emission Test Data

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Test Engineer:	Jerry Xu	Relative Humidity :	22 ~ 23℃
		Temperature :	41 ~ 42%

<Co-location>

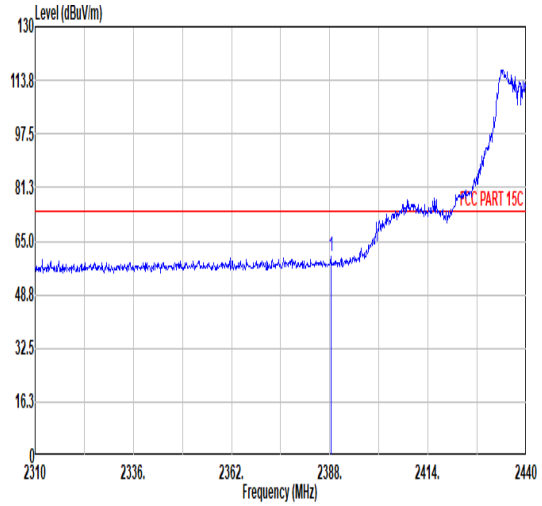
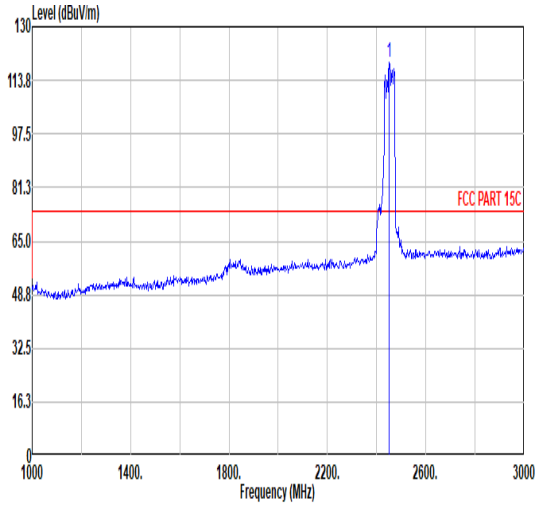
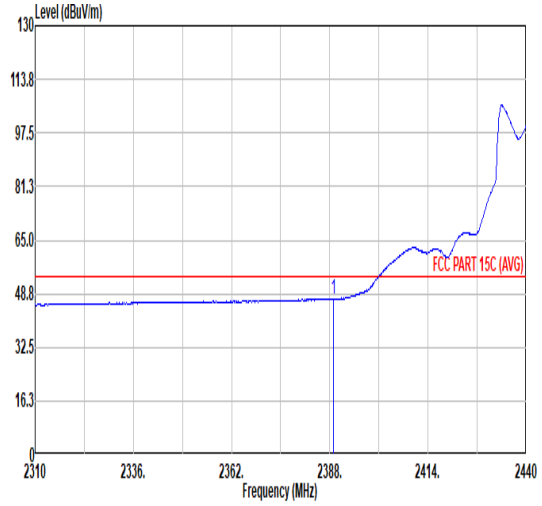
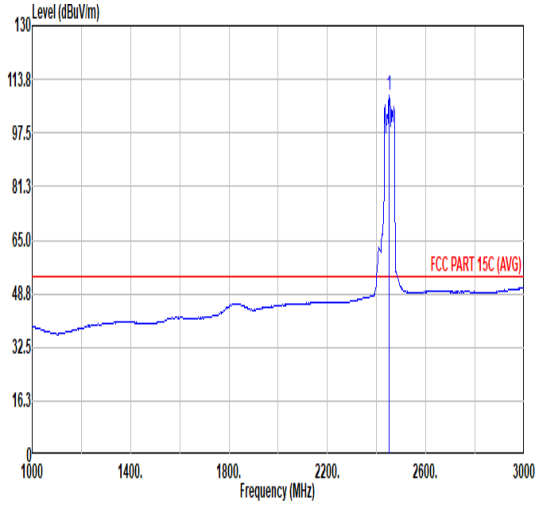
Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	2400-2483.5	2400-2483.5	CDD 1S4T	802.11be EHT40	09	2452	MCS0	Full	-
	U-NII-2C	5.47-5.725	CDD 1S4T	802.11be EHT80	106	5530	MCS0	Full	-
	U-NII-8	6.525-7.125	CDD 1S4T	802.11be EHT20	233	7115	MCS0	Full	-

Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11be EHT40	09	2483.62	53.64	54.00	-0.36	H	AVERAGE	Pass	Band Edge
	802.11be EHT40	09	4904.00	39.92	74.00	-34.08	H	Peak	Pass	Harmonic
	802.11be EHT80	106	5450.48	53.90	54.00	-0.10	H	AVERAGE	Pass	Band Edge
	802.11be EHT80	106	11060.00	44.00	74.00	-30.00	V	Peak	Pass	Harmonic
	802.11be EHT20	233	7125.00	66.68	68.20	-1.52	H	AVERAGE	Pass	Band Edge
	802.11be EHT20	233	14230.00	45.47	88.20	-42.73	H	Peak	Pass	Harmonic

Radiated Spurious Emission Test plots

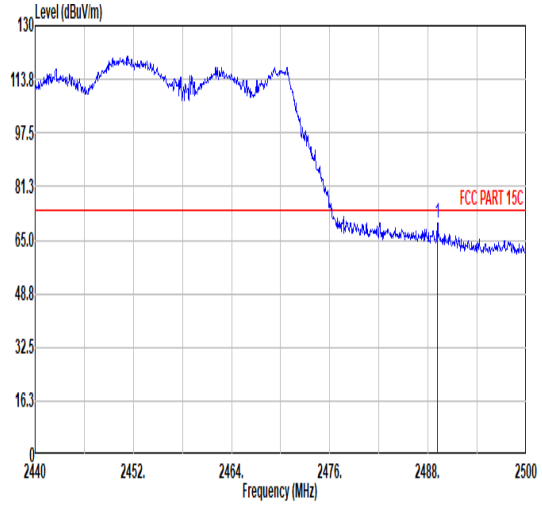
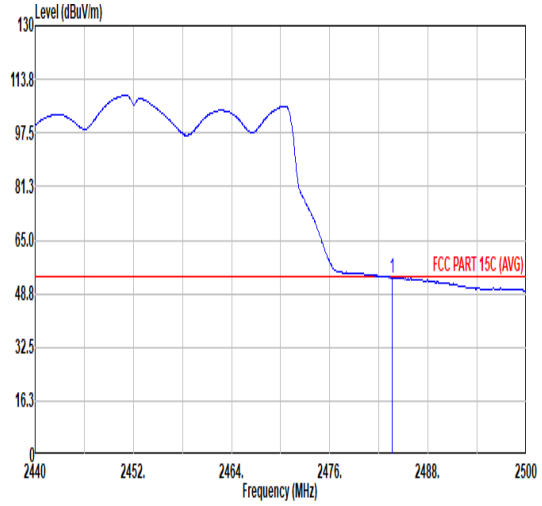
Mode	1	
	Band Edge - L	
	2400-2483.5_2400-2483.5_802.11be EHT40_CH09_Full_2452MHz	
ANT	CDD 1S4T	
Pol.	Horizontal	Fundamental
Peak		
Avg		

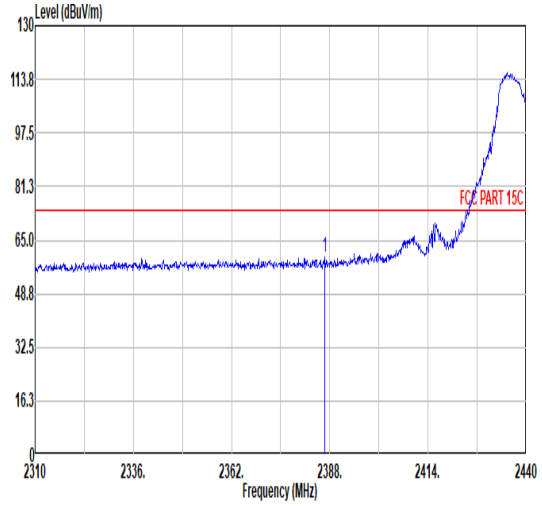
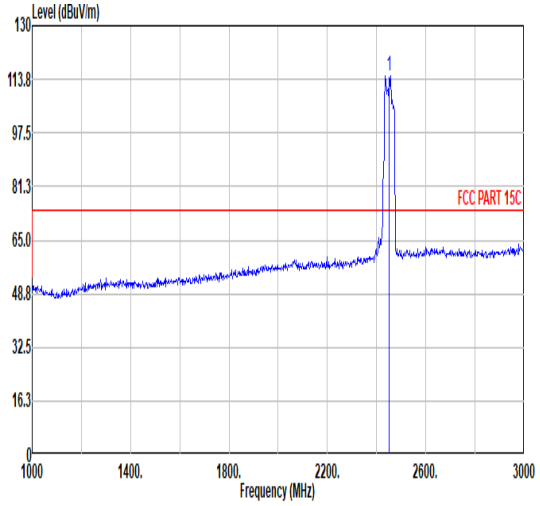
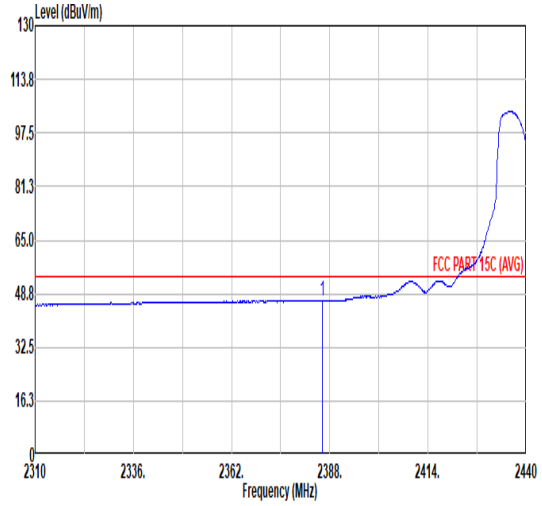
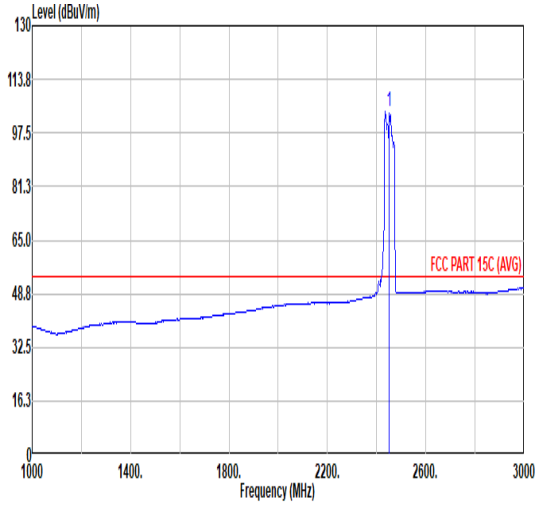
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2388.26	60.49	74.00	-13.51	52.26	32.18	7.10	37.05	6.00	262	360	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2452.00	119.09	------	------	110.40	32.40	7.21	36.92	6.00	262	360	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2389.04	47.22	54.00	-6.78	38.98	32.19	7.10	37.05	6.00	262	360	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2452.00	108.76	------	------	100.09	32.40	7.20	36.93	6.00	262	360	AVERAGE

Mode	1	
	Band Edge - R	
	2400-2483.5_2400-2483.5_802.11be EHT40_CH09_Full_2452MHz	
ANT	CDD 1S4T	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2489.14 70.02 74.00 -3.98 61.11 32.48 7.27 36.84 6.00 262 360 PEAK	Blank
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2483.62 53.64 54.00 -0.36 44.76 32.47 7.26 36.85 6.00 262 360 AVERAGE	Blank

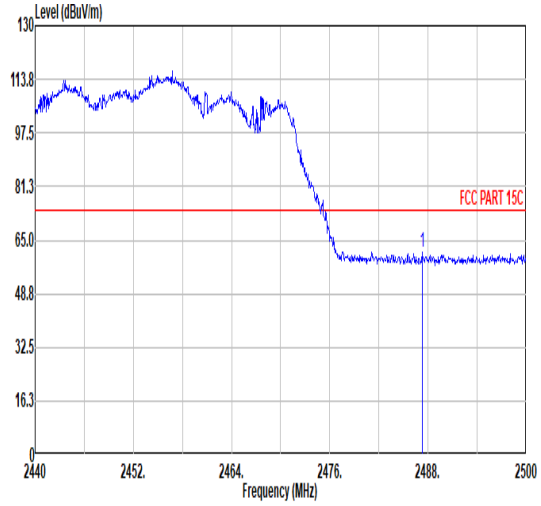
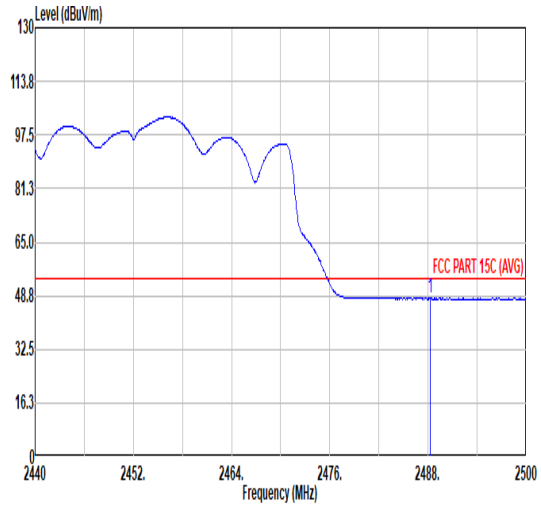
Mode	1	
	Band Edge - L	
	2400-2483.5_2400-2483.5_802.11be EHT40_CH09_Full_2452MHz	
ANT	CDD 1S4T	
Pol.	Vertical	Fundamental
Peak		
Avg		

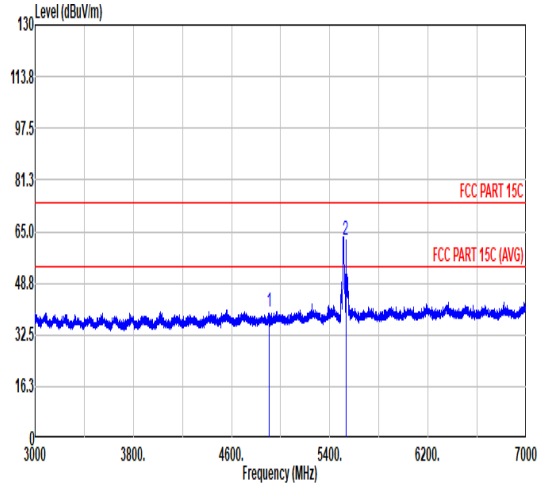
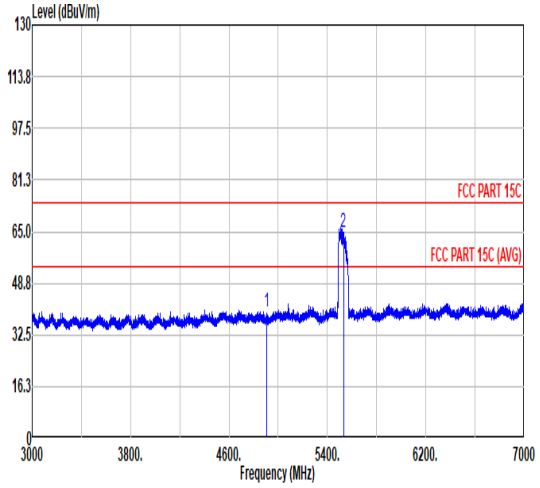
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2386.57	59.76	74.00	-14.24	51.54	32.17	7.10	37.05	6.00	110	126	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2452.00	114.69	------	------	105.98	32.41	7.21	36.91	6.00	110	126	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2386.05	46.71	54.00	-7.29	38.50	32.16	7.10	37.05	6.00	110	126	AVERAGE

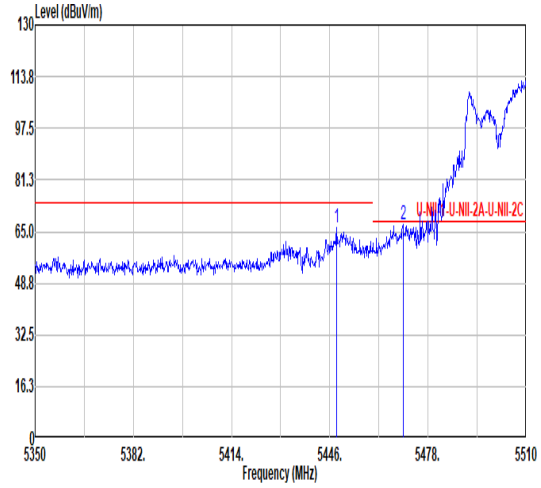
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2452.00	103.83	------	------	95.24	32.37	7.18	36.96	6.00	110	126	AVERAGE

Mode	1	
	Band Edge - R	
	2400-2483.5_2400-2483.5_802.11be EHT40_CH09_Full_2452MHz	
ANT	CDD 1S4T	
Pol.	Vertical	Fundamental
Peak	 Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2487.28 61.51 74.00 -12.49 52.62 32.47 7.26 36.84 6.00 110 126 PEAK	Blank
Avg	 Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2488.30 48.02 54.00 -5.98 39.12 32.48 7.26 36.84 6.00 110 126 AVERAGE	Blank

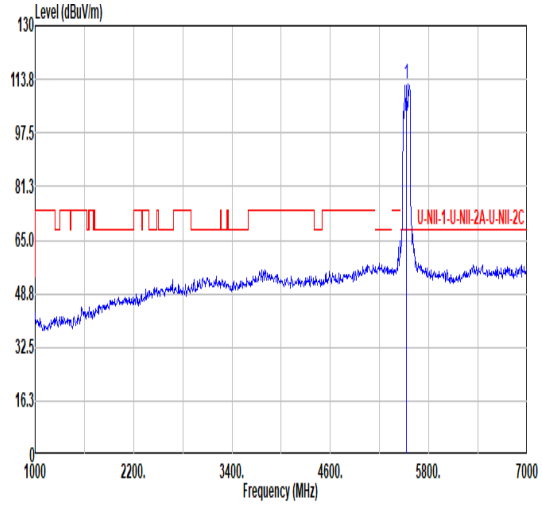
Mode	1	
	Harmonic	
	2400-2483.5_2400-2483.5_802.11be EHT40_CH09_Full_2452MHz	
ANT	CDD 1S4T	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4904.00 39.92 74.00 -34.08 60.97 34.17 10.33 65.55 0.00 --- --- PEAK 2 5530.13 62.34 82.06 34.76 10.92 65.40 0.00 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4904.00 39.53 74.00 -34.47 60.58 34.17 10.33 65.55 0.00 --- --- PEAK 2 5530.13 64.94 84.66 34.76 10.92 65.40 0.00 --- --- Peak

Mode	1	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11be EHT80_CH106_Full_5530MHz	
ANT	CDD 1S4T	
Pol.	Horizontal	Fundamental

Peak

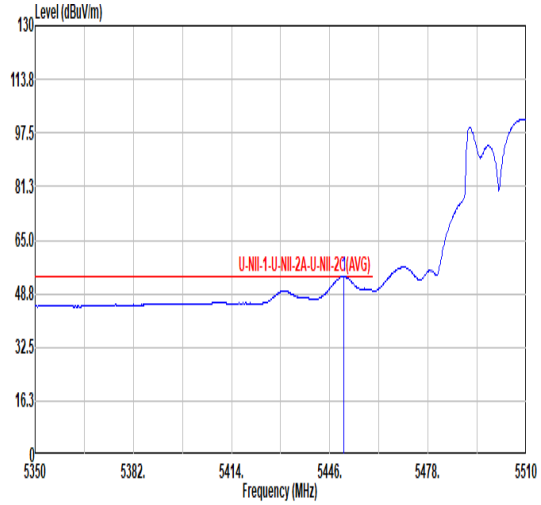


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5448.24	66.09	74.00	-7.91	56.80	34.69	10.83	36.23	0.00	274	360	PEAK
2	5469.84	67.11	68.20	-1.09	57.75	34.71	10.85	36.20	0.00	274	360	Peak

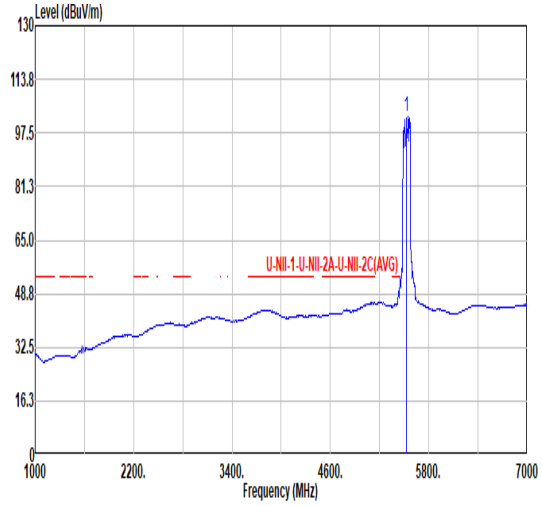


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5530.00	112.12	------	------	102.49	34.78	10.94	36.09	0.00	274	360	PEAK

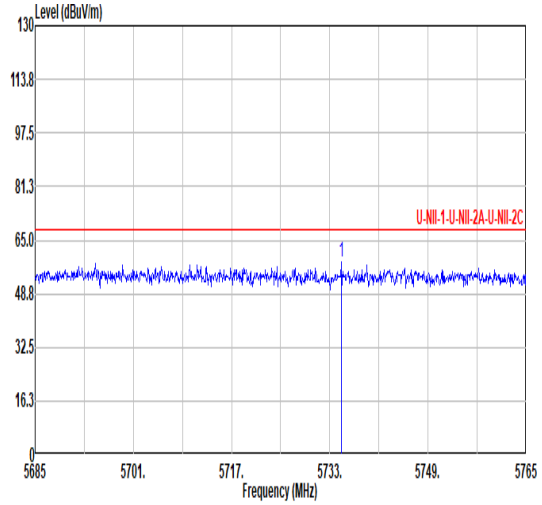
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5450.48	53.90	54.00	-0.10	44.61	34.69	10.83	36.23	0.00	274	360	AVERAGE

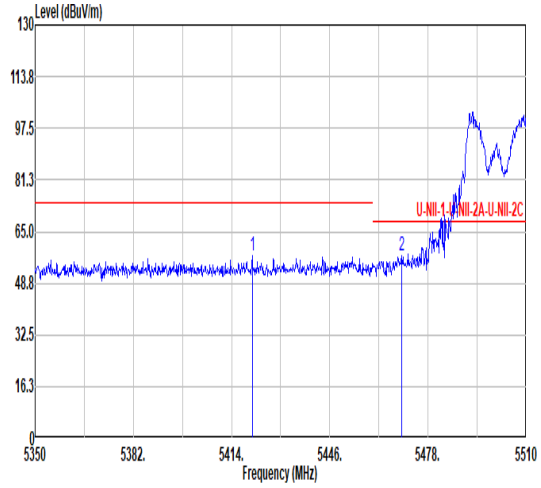


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5530.00	102.38	------	------	92.75	34.78	10.94	36.09	0.00	274	360	AVERAGE

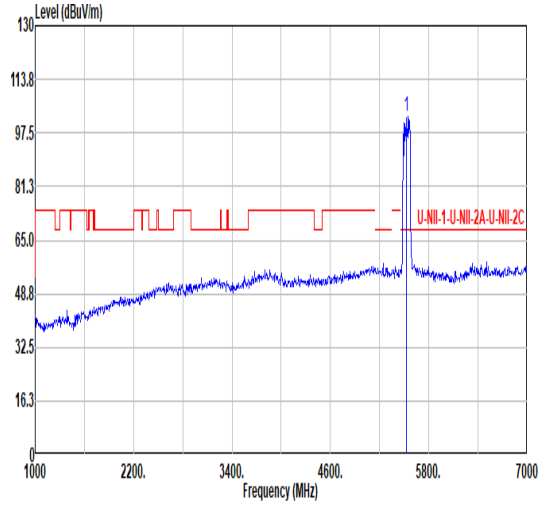
Mode	1	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11be EHT80_CH106_Full_5530MHz	
ANT	CDD 1S4T	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5734.84 58.60 68.20 -9.60 49.90 34.96 11.19 37.45 0.00 274 360 PEAK	Blank
Avg	Blank	Blank

Mode	1	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11be EHT80_CH106_Full_5530MHz	
ANT	CDD 1S4T	
Pol.	Vertical	Fundamental

Peak

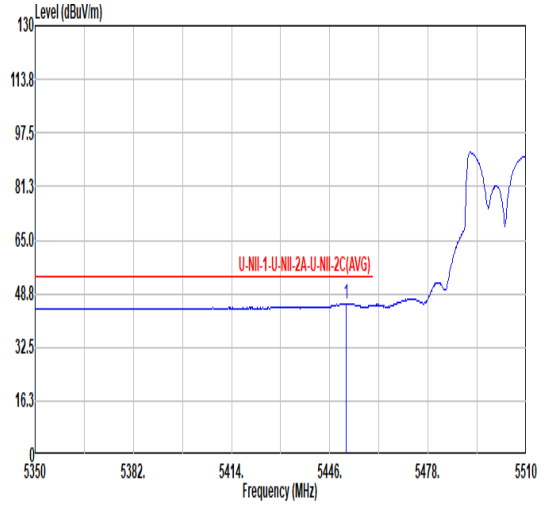


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5420.72	57.15	74.00	-16.85	47.97	34.66	10.79	36.27	0.00	300	278	PEAK
2	5469.36	57.43	68.20	-10.77	48.07	34.71	10.85	36.20	0.00	300	278	PEAK

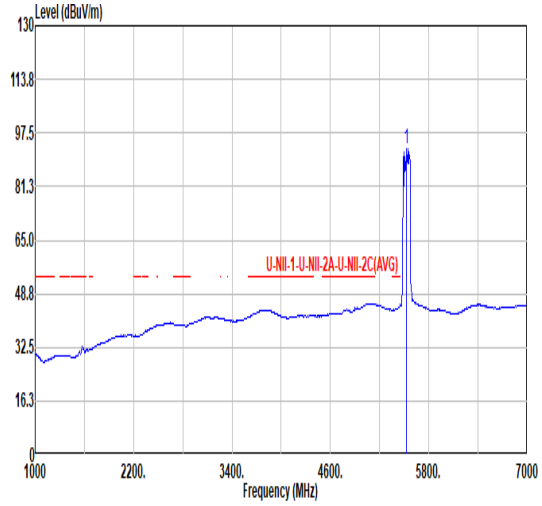


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5530.00	102.34	------	------	92.71	34.78	10.94	36.09	0.00	300	278	PEAK

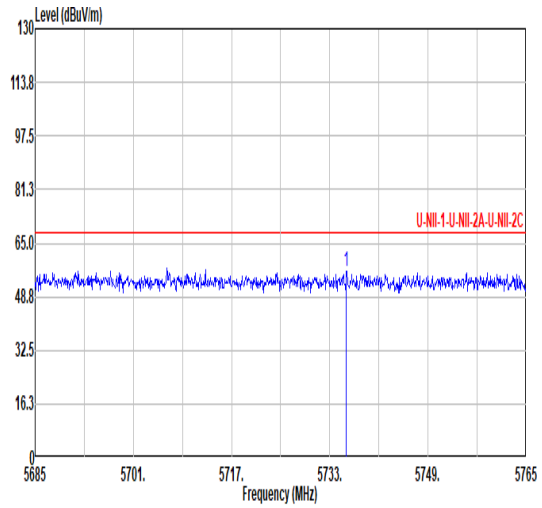
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5451.44	45.78	54.00	-8.22	36.49	34.69	10.83	36.23	0.00	300	278	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5530.00	92.95	------	------	83.32	34.78	10.94	36.09	0.00	300	278	AVERAGE

<table>
<tr><td rowspan="3">Mode</td><td colspan="2">1</td></tr>
<tr><td colspan="2">Band Edge - R</td></tr>
<tr><td colspan="2">U-NII-2C_5.47-5.725_802.11be EHT80_CH106_Full_5530MHz</td></tr>
<tr><td>ANT</td><td colspan="2">CDD 1S4T</td></tr>
<tr><td>Pol.</td><td>Vertical</td><td>Fundamental</td></tr>
<tr><td>Peak</td><td> 

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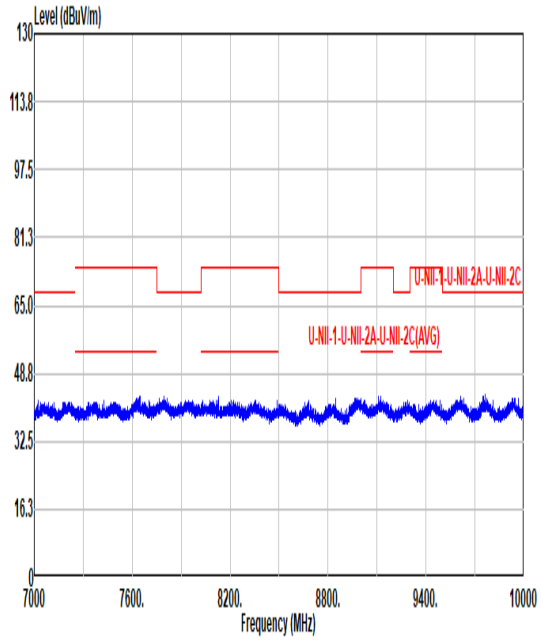
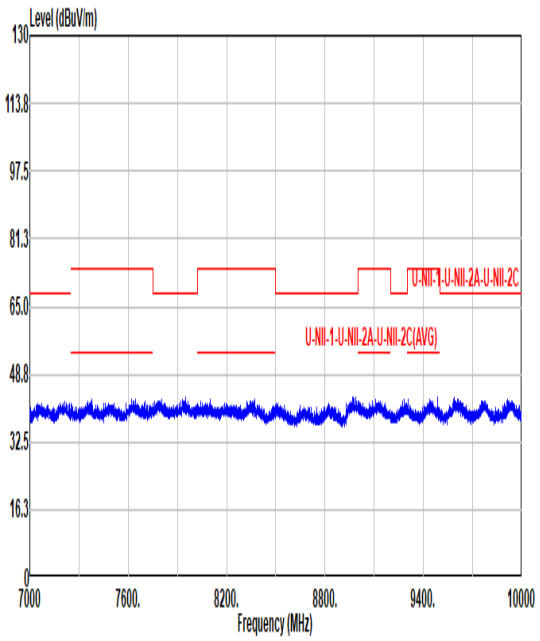
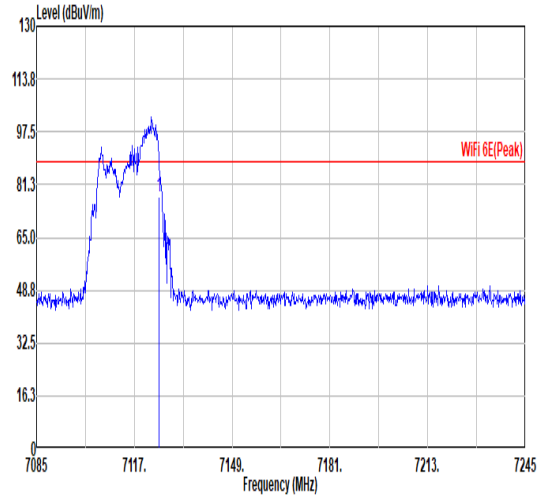
<tr><th></th><th>Freq</th><th>Level</th><th>Limit Line</th><th>Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr>
<tr><td></td><td>MHz</td><td>dBuV/m</td><td>dBuV/m</td><td>dB</td><td>dBuV</td><td>dB/m</td><td>dB</td><td>dB</td><td>dB</td><td>cm</td><td>deg</td><td></td></tr>
<tr><td>1</td><td>5735.72</td><td>56.22</td><td>68.20</td><td>-11.98</td><td>47.53</td><td>34.96</td><td>11.19</td><td>37.46</td><td>0.00</td><td>300</td><td>278</td><td>PEAK</td></tr>
</table></td><td>Blank</td></tr>
<tr><td>Avg</td><td>Blank</td><td>Blank</td></tr>
</table>

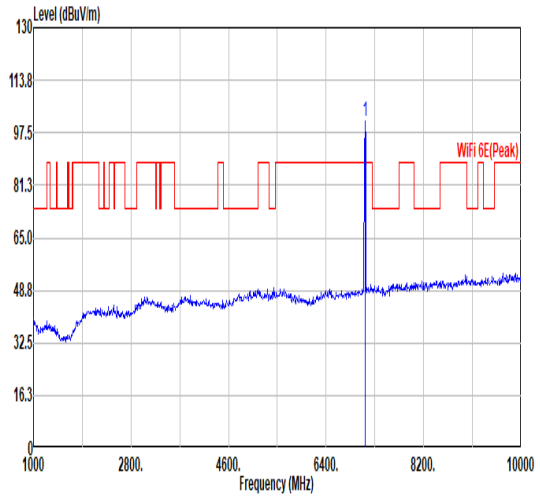
Mode	1	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11be EHT80_CH106_Full_5530MHz	
ANT	CDD 1S4T	
Pol.	Horizontal	Vertical
Peak Avg		

Mode	1	
	Band Edge	
	U-NII-8_6.525-7.125_802.11be EHT20_CH233_Full_MHz	
ANT	CDD 1S4T	
Pol.	Horizontal	Fundamental

Peak

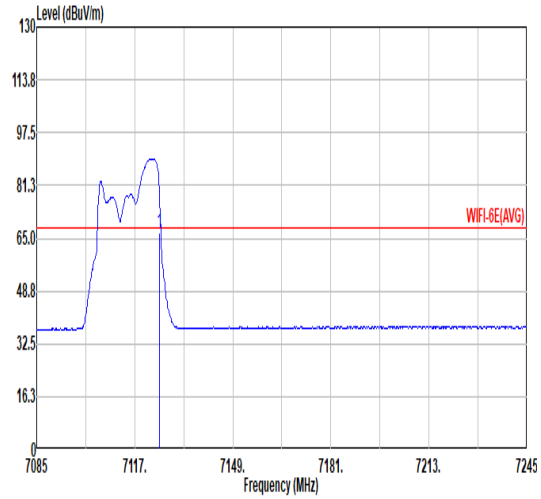


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7125.00	77.34	88.20	-10.86	66.87	35.70	12.62	37.85	0.00	100	155	PEAK

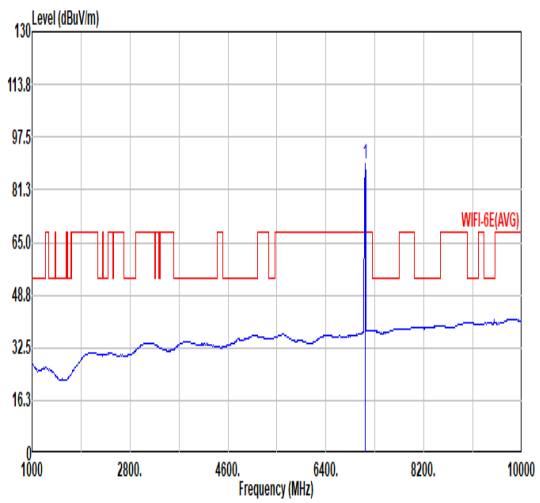


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7115.00	100.95	------	------	90.50	35.70	12.61	37.86	0.00	100	155	PEAK

Avg



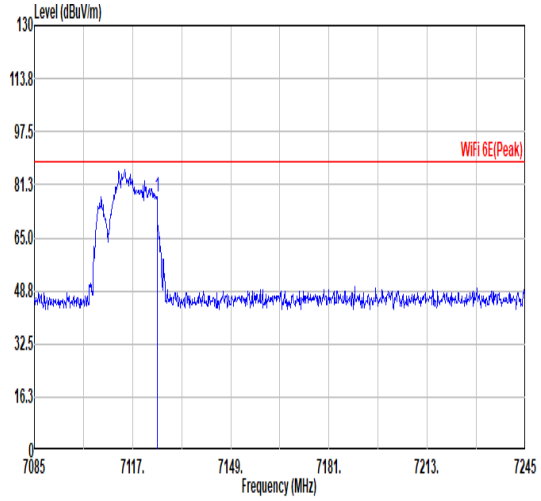
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7125.00	66.68	68.20	-1.52	56.21	35.70	12.62	37.85	0.00	100	155	AVERAGE



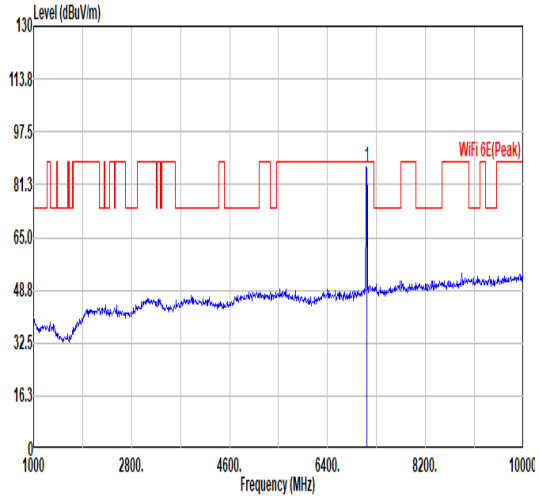
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7115.00	89.36	------	------	78.91	35.70	12.61	37.86	0.00	100	155	AVERAGE

Mode	1	
	Band Edge	
	U-NII-8_6.525-7.125_802.11be EHT20_CH233_Full_MHz	
ANT	CDD 1S4T	
Pol.	Vertical	Fundamental

Peak

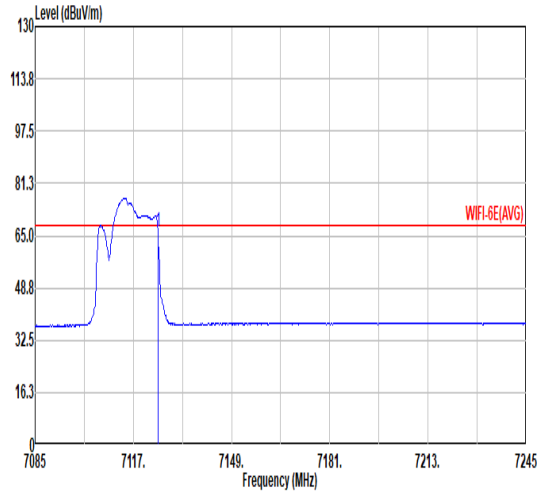


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7125.00	77.73	88.20	-10.47	67.26	35.70	12.62	37.85	0.00	100	0	PEAK

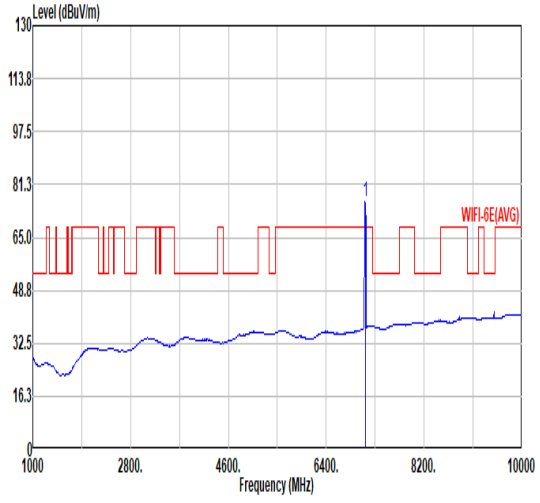


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7115.00	86.85	------	------	76.42	35.70	12.60	37.87	0.00	100	0	PEAK

Avg

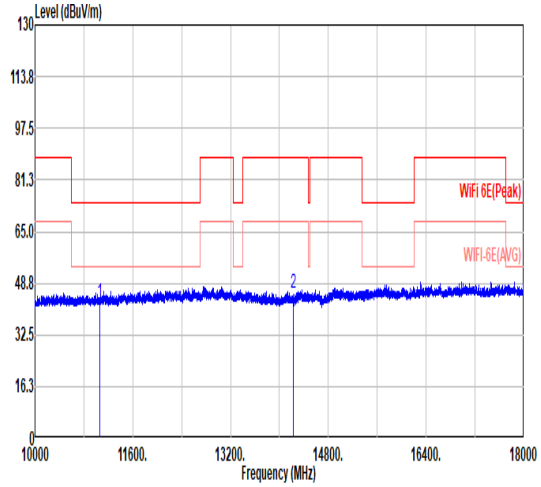
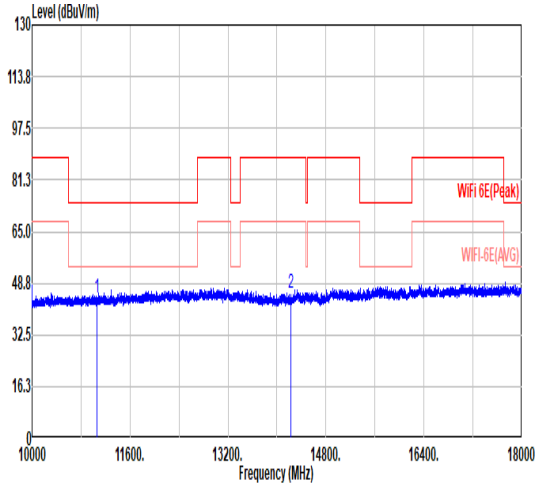


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7125.00	66.38	68.20	-1.82	55.91	35.70	12.62	37.85	0.00	100	0	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7115.00	76.09	------	------	65.66	35.70	12.60	37.87	0.00	100	0	AVERAGE

Mode	1
	Harmonic
	U-NII-8_6.525-7.125_802.11be EHT20_CH233_Full_MHz
ANT	CDD 1S4T

Pol.	Horizontal	Vertical
Peak Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11060.00	42.76	74.00	-31.24	55.41	37.84	16.08	66.57	0.00	---	---	Peak
2	14230.00	45.47	88.20	-42.73	53.13	38.93	18.19	64.78	0.00	---	---	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11060.00	44.00	74.00	-30.00	56.65	37.84	16.08	66.57	0.00	---	---	Peak
2	14230.00	45.44	88.20	-42.76	53.10	38.93	18.19	64.78	0.00	---	---	PEAK