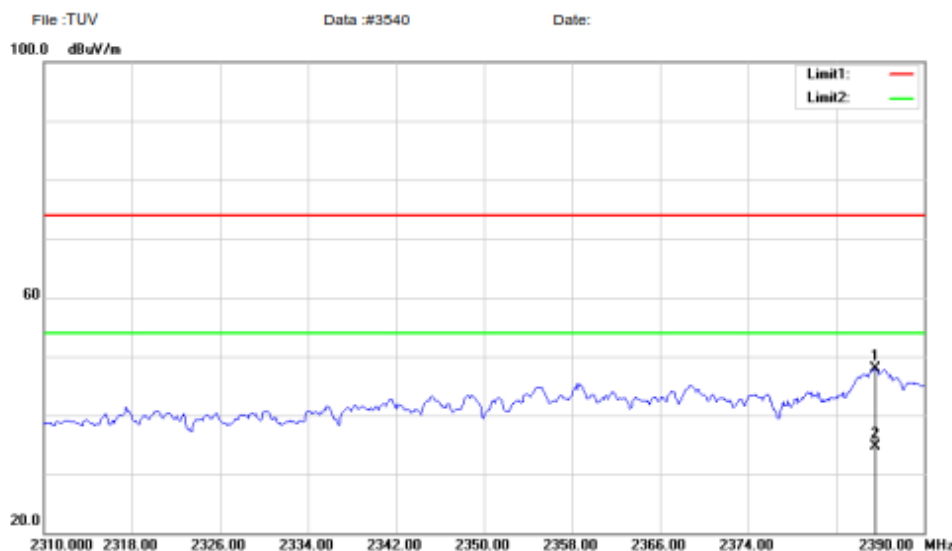


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Radiated Emission Measurement



Site #1 Polarization: **Vertical** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11b 2412
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2385.520	62.11	-14.25	47.86	74.00	-26.14	peak	0	
2	*	2385.520	48.87	-14.25	34.62	54.00	-19.38	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

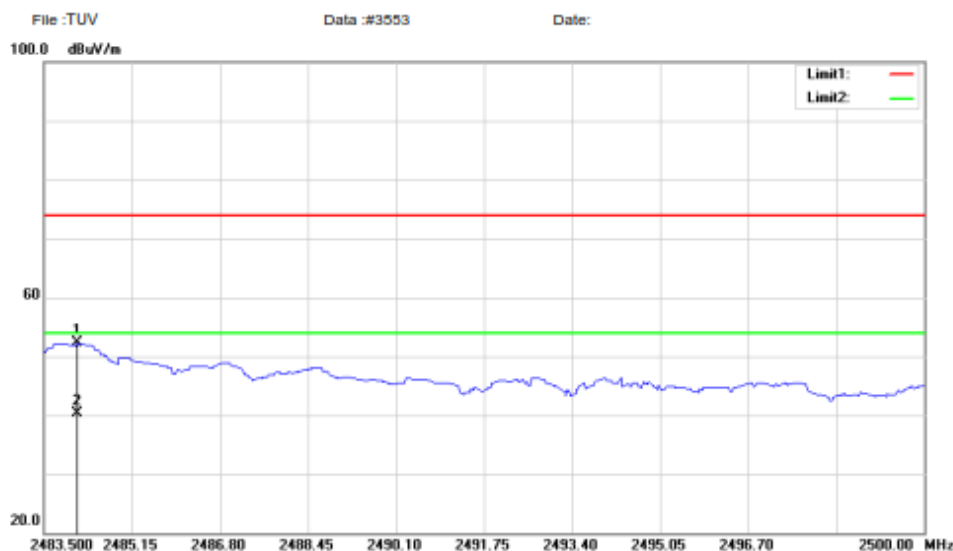
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Page: 1

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Radiated Emission Measurement



Site #1 Polarization: **Horizontal** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11b 2462
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2484.127	65.97	-13.75	52.22	74.00	-21.78	peak	0	
2	*	2484.127	54.01	-13.75	40.26	54.00	-13.74	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV\Data: #3553

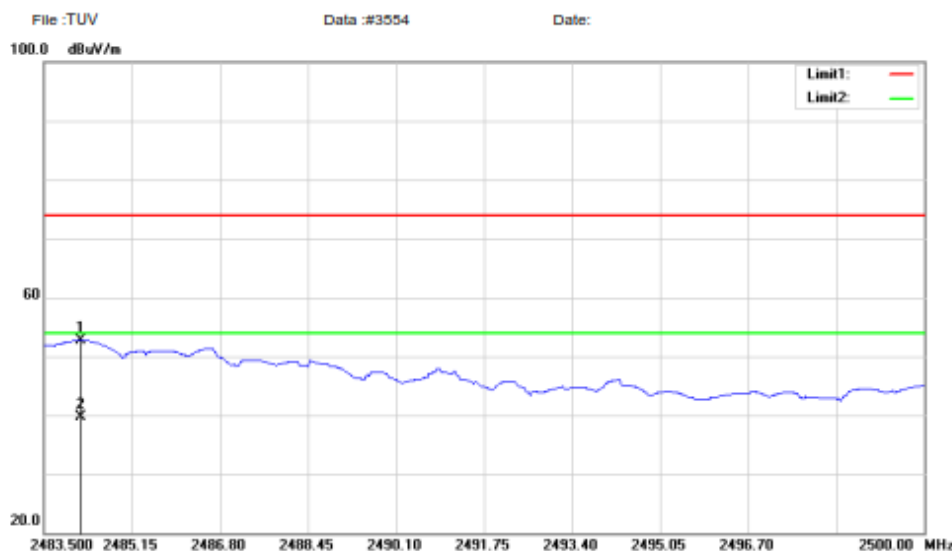
Page: 1

Produkte
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Radiated Emission Measurement



Site #1 Polarization: **Vertical** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11b 2462
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2484.177	66.46	-13.75	52.71	74.00	-21.29	peak	0	
2	*	2484.177	53.43	-13.75	39.68	54.00	-14.32	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

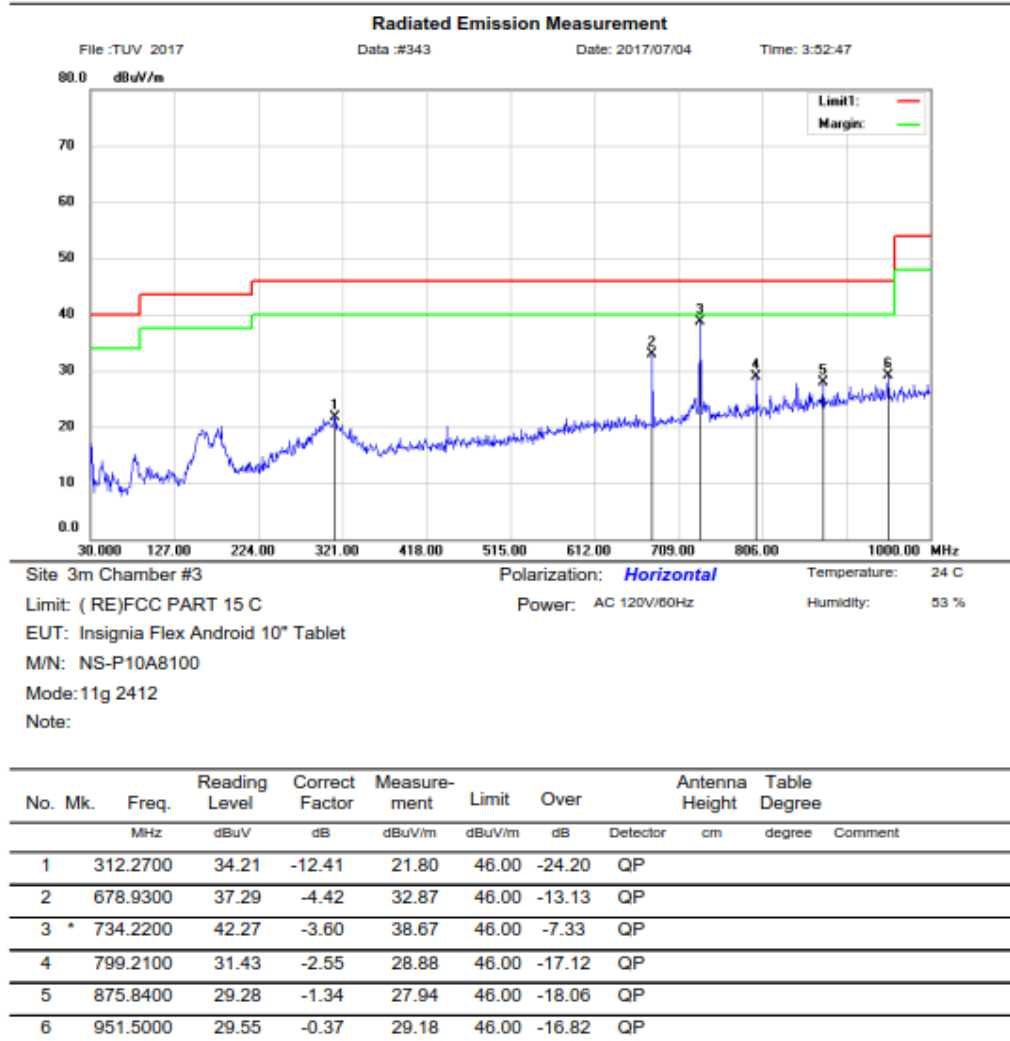
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Page: 1

2. Transmitter Spurious Emissions of 802.11g mode

2.1 Transmitter Spurious Emissions, 30MHz - 1GHz

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*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV 2017Data: #343

Page: 1

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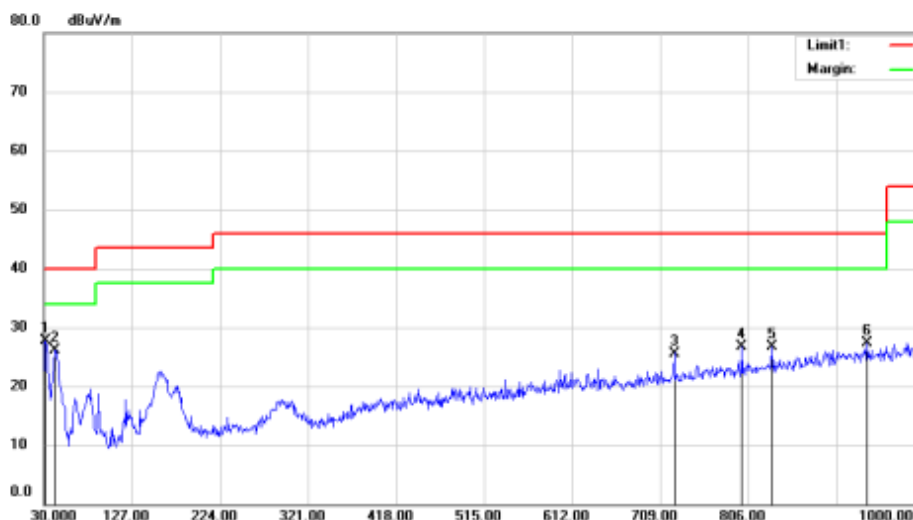
Radiated Emission Measurement

File :TUV 2017

Data :#344

Date: 2017/07/04

Time: 3:53:57



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11g 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	31.9400	44.10	-16.49	27.61	40.00	-12.39	QP		
2		42.6100	41.37	-15.26	26.11	40.00	-13.89	QP		
3		724.5200	29.37	-3.77	25.60	46.00	-20.40	QP		
4		799.2100	29.18	-2.55	26.63	46.00	-19.37	QP		
5		832.1900	28.78	-2.06	26.72	46.00	-19.28	QP		
6		936.9500	27.84	-0.54	27.30	46.00	-18.70	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017>Data :#344

Page: 1

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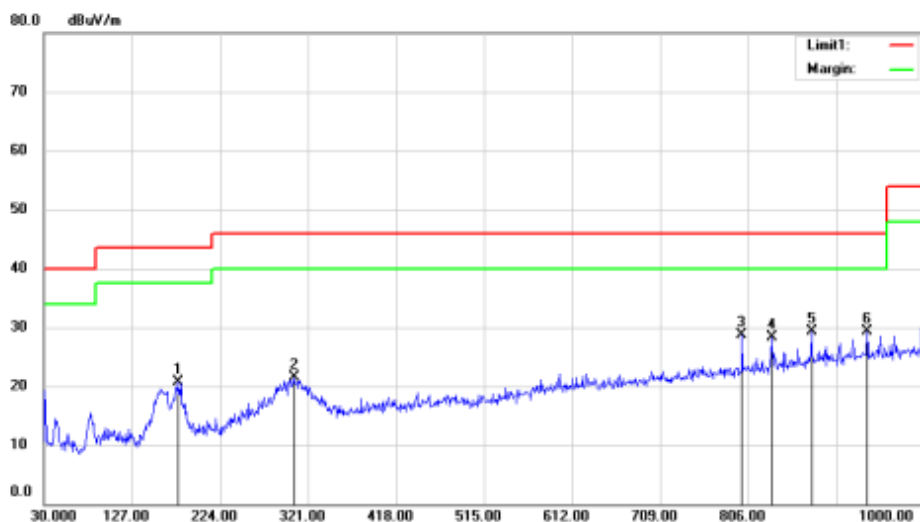
Radiated Emission Measurement

File :TUV 2017

Data :#345

Date: 2017/07/04

Time: 3:55:05



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11g 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		178.4100	37.93	-17.31	20.62	43.50	-22.88	QP		
2		305.4800	34.02	-12.44	21.58	46.00	-24.42	QP		
3		799.2100	31.22	-2.55	28.67	46.00	-17.33	QP		
4		832.1900	30.29	-2.06	28.23	46.00	-17.77	QP		
5	*	875.8400	30.69	-1.34	29.35	46.00	-16.65	QP		
6		936.9500	29.78	-0.54	29.24	46.00	-16.76	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017>Data :#345

Page: 1

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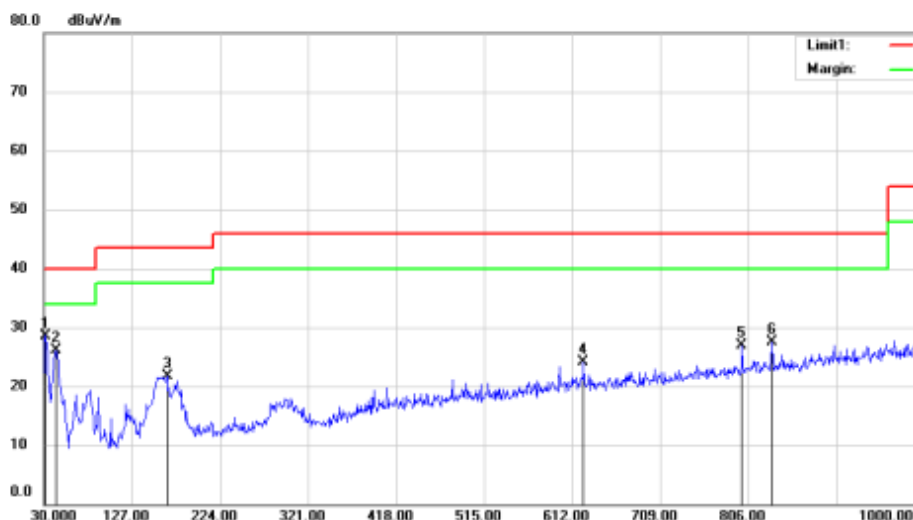
Radiated Emission Measurement

File :TUV 2017

Data :#346

Date: 2017/07/04

Time: 3:56:17



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11g 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	31.9400	45.09	-16.49	28.60	40.00	-11.40	QP		
2		43.5800	41.28	-15.25	26.03	40.00	-13.97	QP		
3		165.8000	40.32	-18.58	21.74	43.50	-21.76	QP		
4		624.6100	29.13	-4.93	24.20	46.00	-21.80	QP		
5		799.2100	29.54	-2.55	26.99	46.00	-19.01	QP		
6		832.1900	29.60	-2.06	27.54	46.00	-18.46	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017>Data :#346

Page: 1

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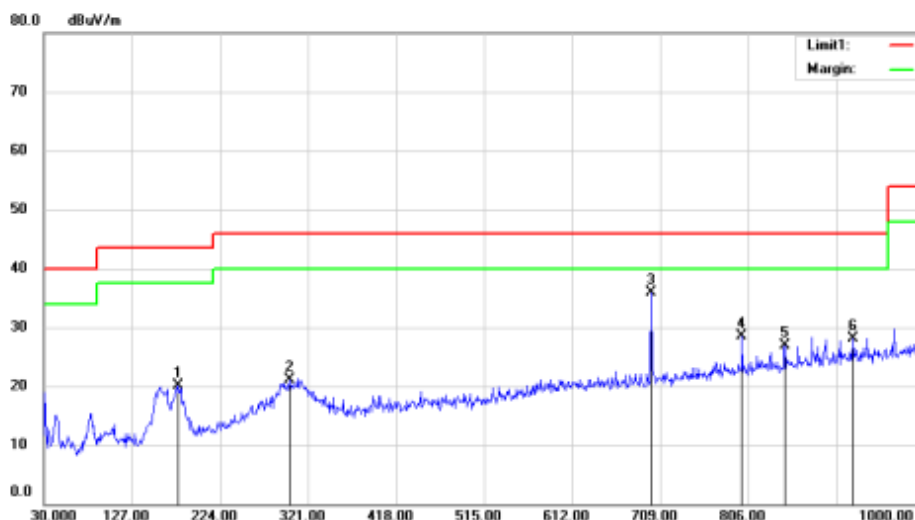
Radiated Emission Measurement

File :TUV 2017

Data :#347

Date: 2017/07/04

Time: 3:57:25



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11g 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		178.4100	37.39	-17.31	20.08	43.50	-23.42	QP		
2		300.6300	33.67	-12.47	21.20	46.00	-24.80	QP		
3	*	699.3000	40.01	-4.20	35.81	46.00	-10.19	QP		
4		799.2100	30.98	-2.55	28.43	46.00	-17.57	QP		
5		846.7400	28.82	-1.83	26.99	46.00	-19.01	QP		
6		921.4300	28.74	-0.72	28.02	46.00	-17.98	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017>Data :#347

Page: 1

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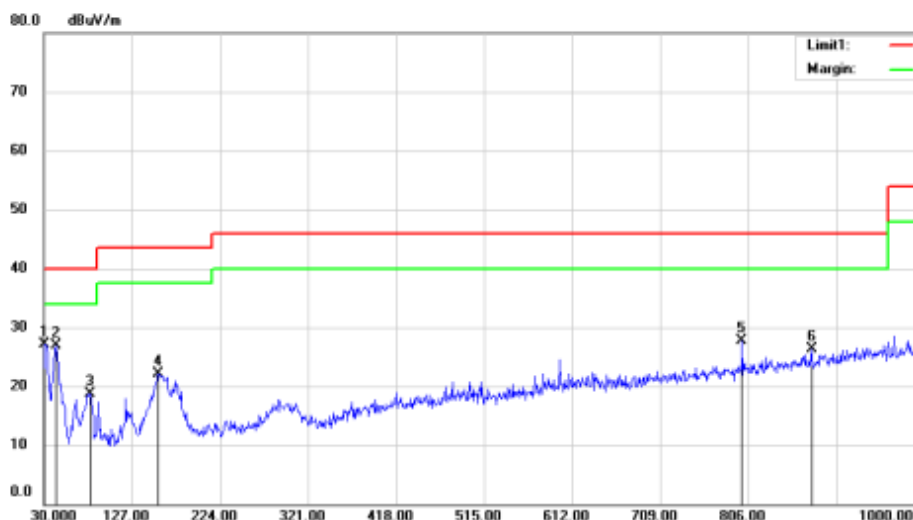
Radiated Emission Measurement

File :TUV 2017

Data :#343

Date: 2017/07/04

Time: 3:55:35



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11g 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	30.9700	43.72	-16.55	27.17	40.00	-12.83	QP		
2		43.5800	42.11	-15.25	26.86	40.00	-13.14	QP		
3		80.4400	38.50	-19.71	18.79	40.00	-21.21	QP		
4		156.1000	41.10	-18.91	22.19	43.50	-21.31	QP		
5		799.2100	30.28	-2.55	27.73	46.00	-18.27	QP		
6		875.8400	27.57	-1.34	26.23	46.00	-19.77	QP		

*:Maximum data x:Over limit !:over margin

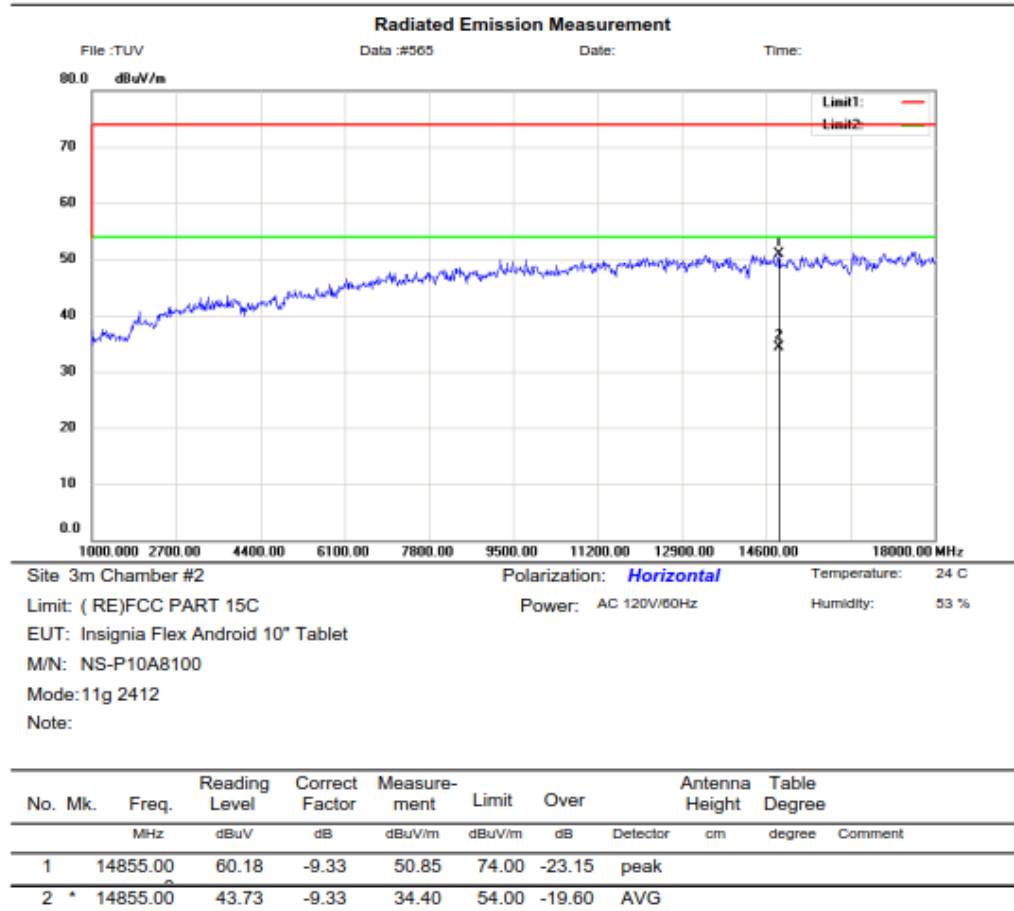
Operator: KK

File :TUV 2017>Data :#348

Page: 1

2.2 Transmitter Spurious Emissions, 1GHz - 18GHz

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*:Maximum data x:Over limit !:over margin

Operator: KK

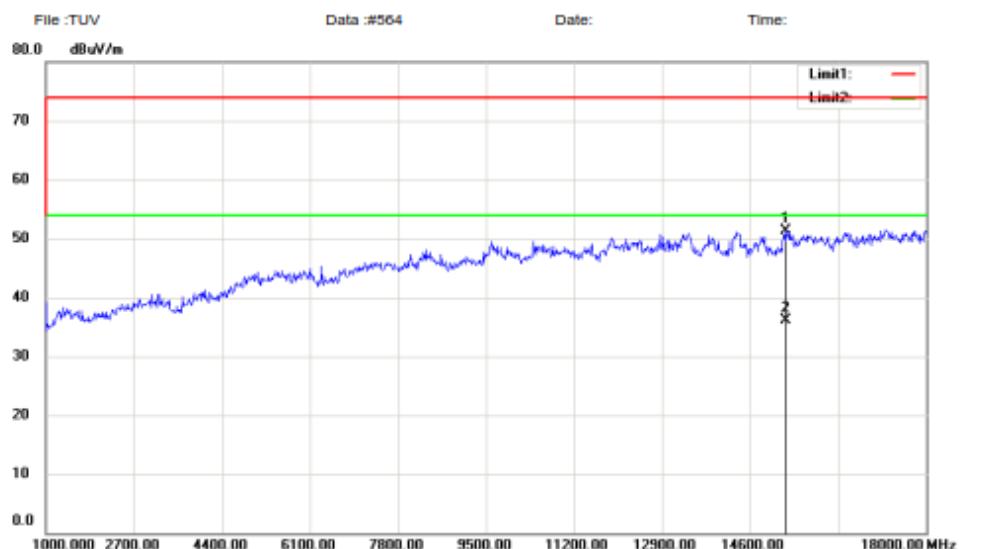
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Radiated Emission Measurement



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11g 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		15297.00	61.85	-10.53	51.32	74.00	-22.68	peak		
2	*	15297.00	46.63	-10.53	36.10	54.00	-17.90	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

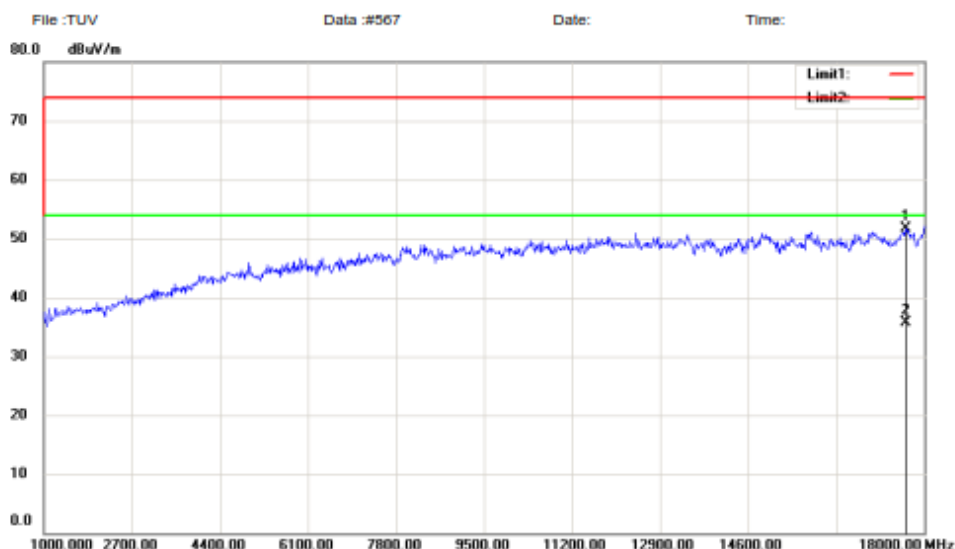
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Radiated Emission Measurement



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11g 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		17643.00	53.21	-1.43	51.78	74.00	-22.22	peak		
2	*	17643.00	37.23	-1.43	35.80	54.00	-18.20	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

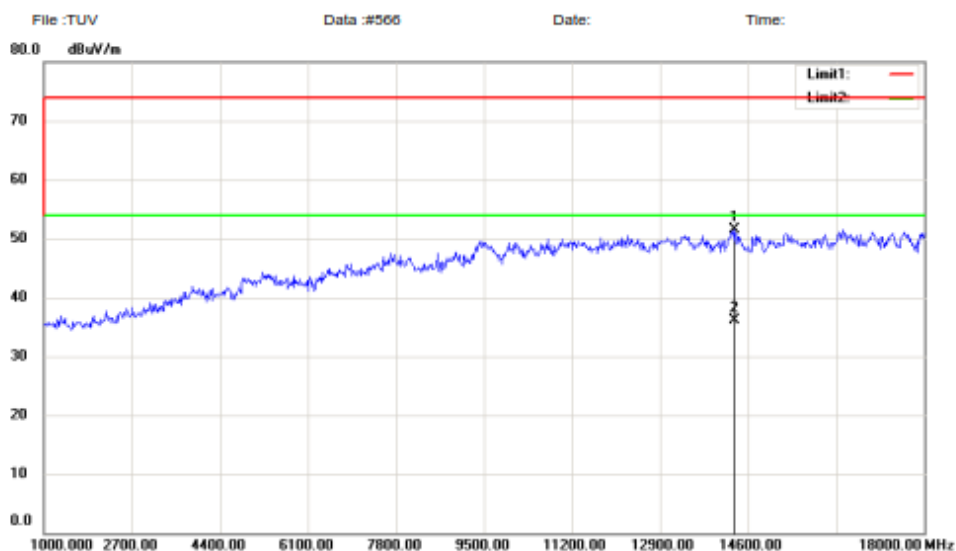
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Radiated Emission Measurement



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11g 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		14328.00	59.83	-8.40	51.43	74.00	-22.57	peak		
2	*	14328.00	44.60	-8.40	36.20	54.00	-17.80	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#566

Page: 1

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Radiated Emission Measurement



Site: 3m Chamber #2

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode: 11g 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		14056.00	59.05	-7.92	51.13	74.00	-22.87	peak		
2	*	14056.00	43.82	-7.92	35.90	54.00	-18.10	AVG		

*: Maximum data x: Over limit !: over margin

Operator: KK

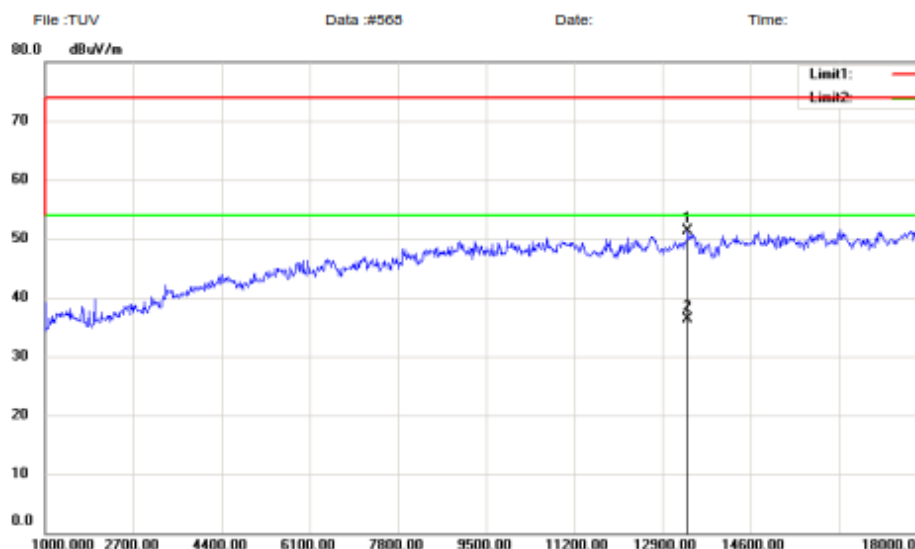
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Page: 1

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Radiated Emission Measurement



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11g 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		13393.00	62.05	-10.80	51.25	74.00	-22.75	peak		
2	*	13393.00	47.10	-10.80	36.30	54.00	-17.70	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV\Data :#568

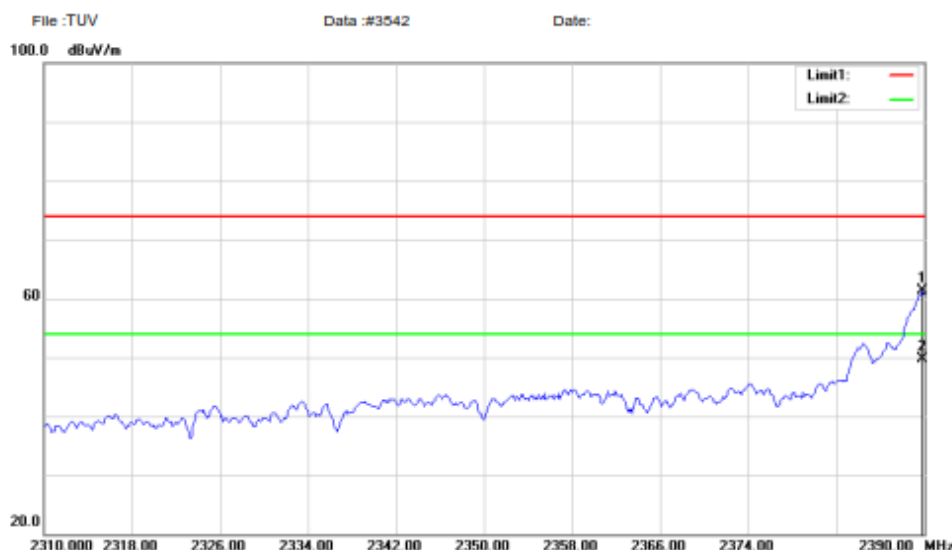
Page: 1

2.3 Restricted Bands

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Radiated Emission Measurement



Site #1 Polarization: **Horizontal** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11g 2412
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2389.840	75.60	-14.22	61.38	74.00	-12.62	peak	0	
2	*	2389.840	63.87	-14.22	49.65	54.00	-4.35	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

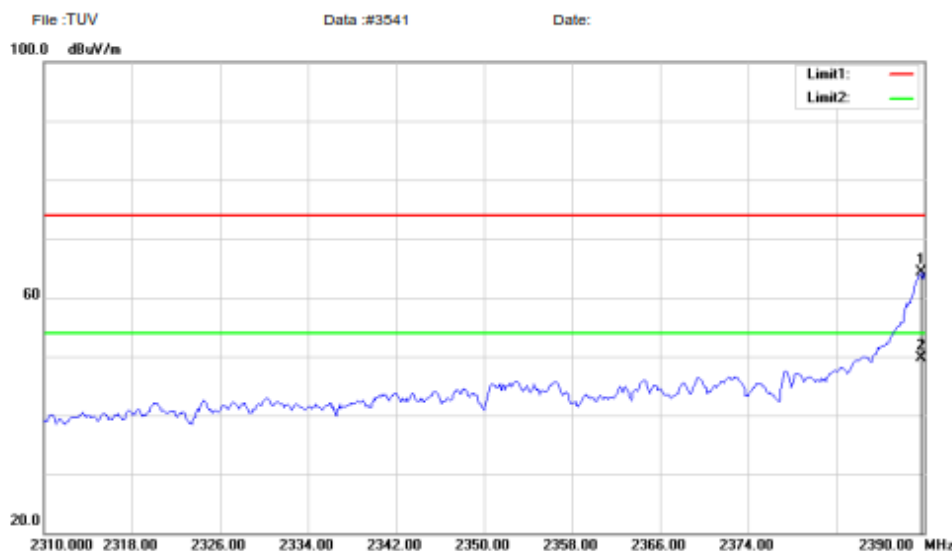
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Radiated Emission Measurement



Site #1 Polarization: **Vertical** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11g 2412
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2389.760	78.50	-14.22	64.28	74.00	-9.72	peak	0	
2	*	2389.760	63.87	-14.22	49.65	54.00	-4.35	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

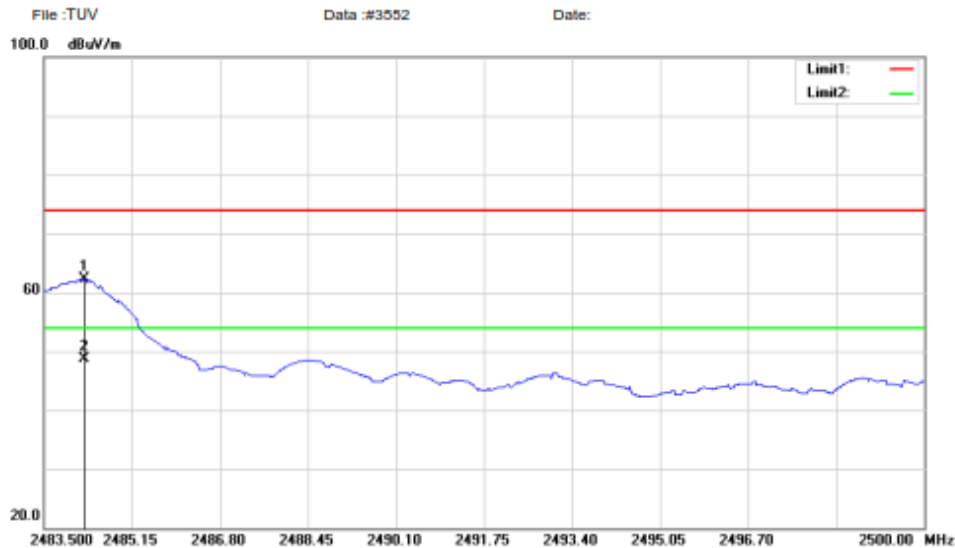
File: TUVData: #3541

Page: 1

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Radiated Emission Measurement



Site #1 Polarization: **Horizontal** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11g 2462
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2484.259	76.11	-13.75	62.36	74.00	-11.64	peak	0	
2	*	2484.259	62.37	-13.75	48.62	54.00	-5.38	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

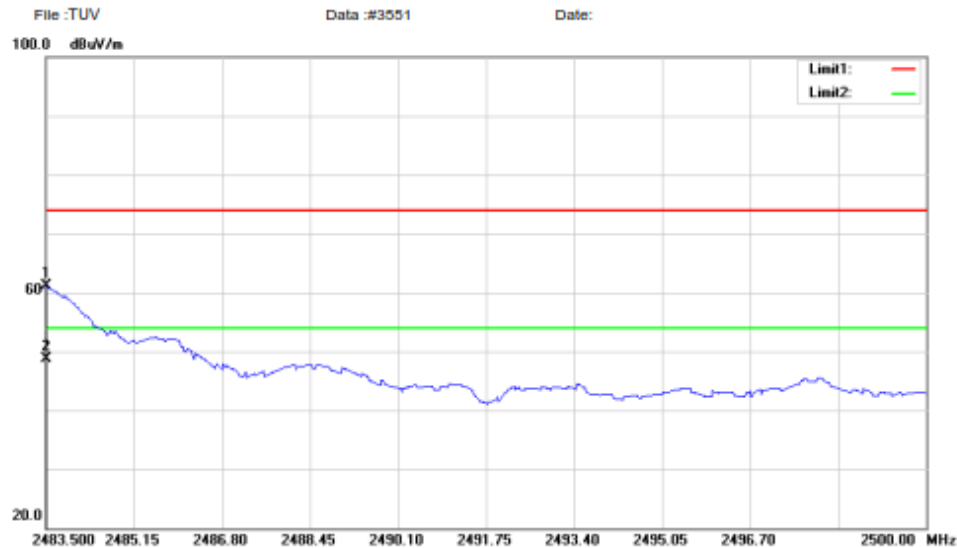
File: TUVData: #3552

Page: 1

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Radiated Emission Measurement



Site #1 Polarization: **Vertical** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11g 2462
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2483.500	74.81	-13.75	61.06	74.00	-12.94	peak	0	
2	*	2483.500	62.37	-13.75	48.62	54.00	-5.38	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

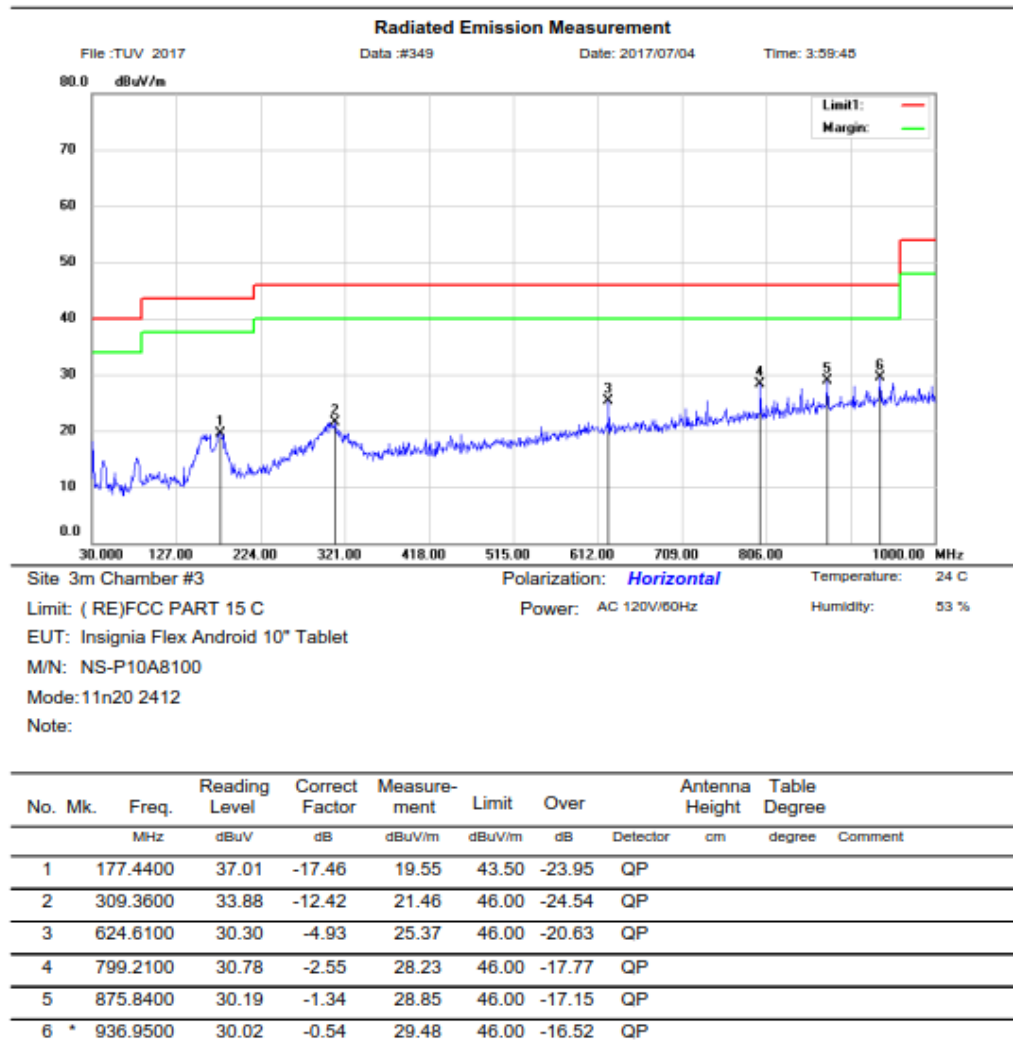
File: TUVData: #3551

Page: 1

3. Transmitter Spurious Emissions of 802.11n (HT20) mode

3.1 Transmitter Spurious Emissions, 30MHz - 1GHz

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*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV 2017>Data: #349

Page: 1

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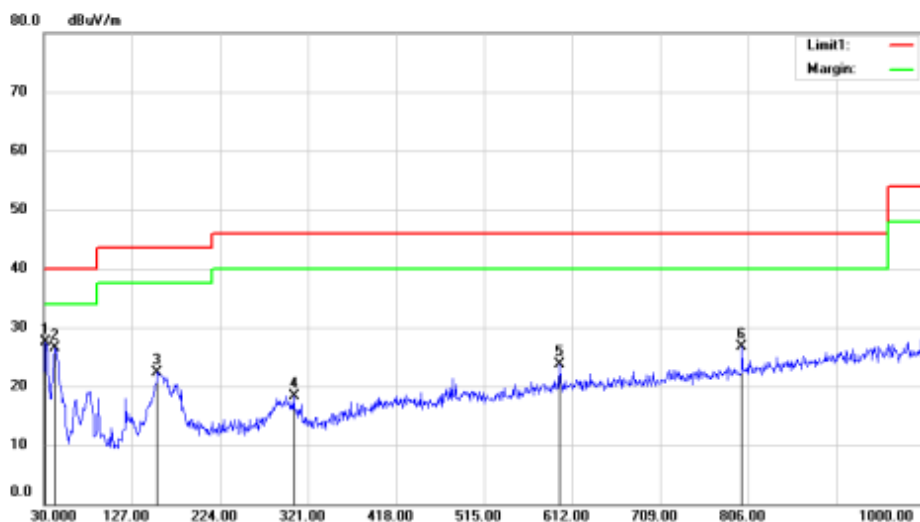
Radiated Emission Measurement

File :TUV 2017

Data :#350

Date: 2017/07/04

Time: 4:00:55



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11n20 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	31.9400	43.97	-16.49	27.48	40.00	-12.52	QP		
2		41.6400	41.85	-15.34	26.51	40.00	-13.49	QP		
3		155.1300	41.30	-18.99	22.31	43.50	-21.19	QP		
4		305.4800	30.79	-12.44	18.35	46.00	-27.65	QP		
5		598.4200	28.79	-5.17	23.62	46.00	-22.38	QP		
6		799.2100	29.30	-2.55	26.75	46.00	-19.25	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017>Data :#350

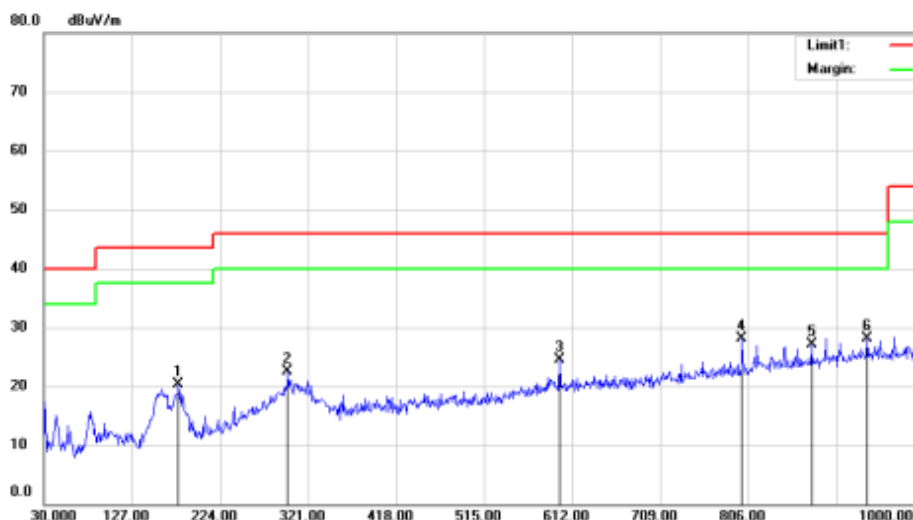
Page: 1

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Radiated Emission Measurement

File :TUV 2017 Data :#351 Date: 2017/07/04 Time: 4:02:09



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
EUT: Insignia Flex Android 10" Tablet
M/N: NS-P10A8100
Mode:11n20 2437
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		178.4100	37.63	-17.31	20.32	43.50	-23.18	QP		
2		298.6900	35.11	-12.54	22.57	46.00	-23.43	QP		
3		598.4200	29.74	-5.17	24.57	46.00	-21.43	QP		
4	*	799.2100	30.65	-2.55	28.10	46.00	-17.90	QP		
5		875.8400	28.41	-1.34	27.07	46.00	-18.93	QP		
6		936.9500	28.62	-0.54	28.08	46.00	-17.92	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017>Data :#351

Page: 1

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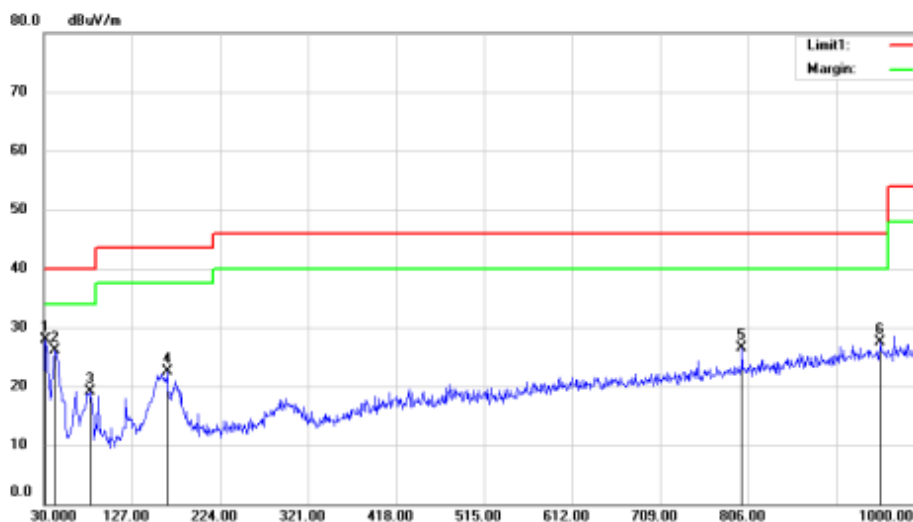
Radiated Emission Measurement

File :TUV 2017

Data :#352

Date: 2017/07/04

Time: 4:03:15



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11n20 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	31.9400	44.41	-16.49	27.92	40.00	-12.08	QP		
2		41.6400	41.46	-15.34	26.12	40.00	-13.88	QP		
3		80.4400	38.89	-19.71	19.18	40.00	-20.82	QP		
4		165.8000	41.03	-18.58	22.45	43.50	-21.05	QP		
5		799.2100	29.00	-2.55	26.45	46.00	-19.55	QP		
6		951.5000	27.80	-0.37	27.43	46.00	-18.57	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017>Data :#352

Page: 1

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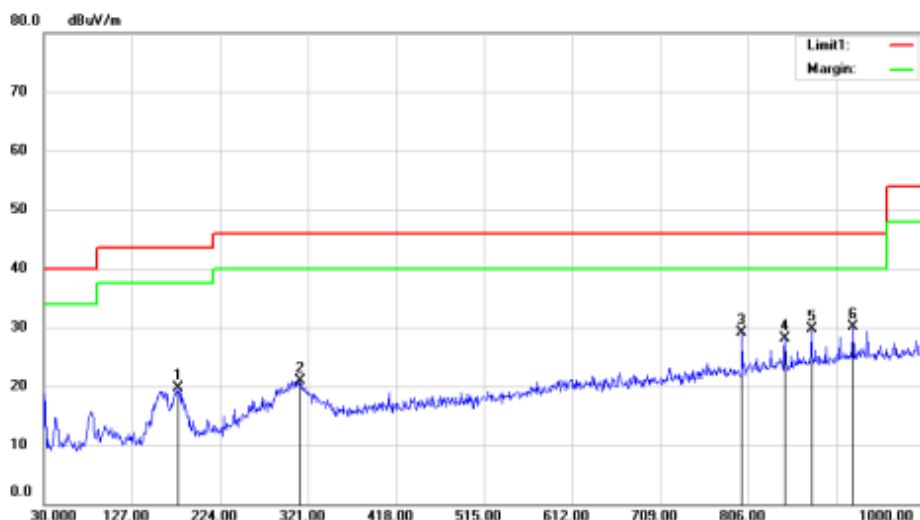
Radiated Emission Measurement

File :TUV 2017

Data :#353

Date: 2017/07/04

Time: 4:04:29



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11n20 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		178.4100	36.97	-17.31	19.66	43.50	-23.84	QP		
2		312.2700	33.35	-12.41	20.94	46.00	-25.06	QP		
3		799.2100	31.56	-2.55	29.01	46.00	-16.99	QP		
4		846.7400	30.01	-1.83	28.18	46.00	-17.82	QP		
5		875.8400	31.10	-1.34	29.76	46.00	-16.24	QP		
6	*	921.4300	30.75	-0.72	30.03	46.00	-15.97	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017>Data :#353

Page: 1

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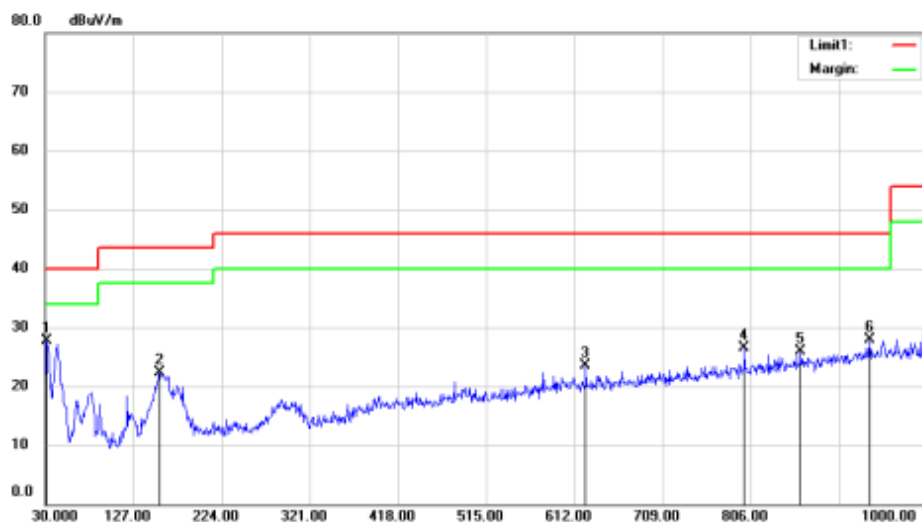
Radiated Emission Measurement

File :TUV 2017

Data :#354

Date: 2017/07/04

Time: 4:05:39



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11n20 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	31.9400	44.14	-16.49	27.65	40.00	-12.35	QP		
2		156.1000	41.20	-18.91	22.29	43.50	-21.21	QP		
3		624.6100	28.47	-4.93	23.54	46.00	-22.46	QP		
4		799.2100	29.05	-2.55	26.50	46.00	-19.50	QP		
5		861.2900	27.58	-1.58	26.00	46.00	-20.00	QP		
6		936.9500	28.40	-0.54	27.86	46.00	-18.14	QP		

*:Maximum data x:Over limit !:over margin

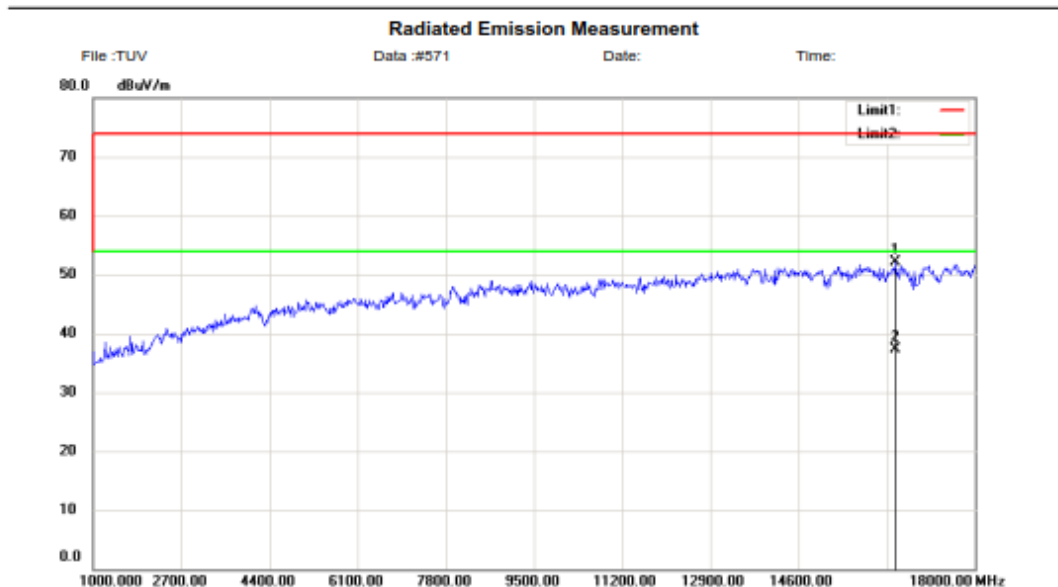
Operator: KK

File :TUV 2017\Data :#354

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3.2 Transmitter Spurious Emissions, 1GHz - 18GHz

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Site: 3m Chamber #2

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode: 11n20 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		16470.00	63.28	-11.11	52.17	74.00	-21.83	peak		
2	*	16470.00	48.41	-11.11	37.30	54.00	-16.70	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

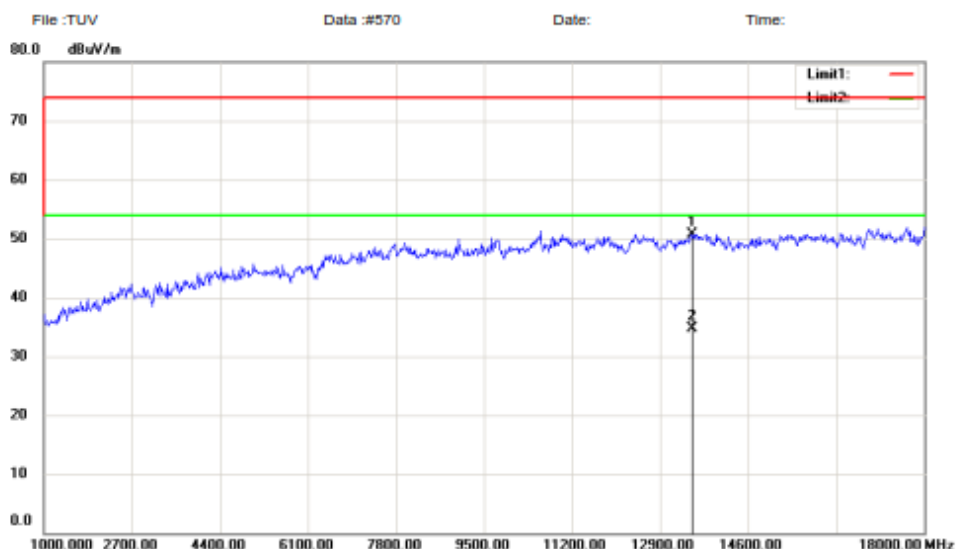
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Page: 1

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Radiated Emission Measurement



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11n20 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		13512.00	60.96	-10.21	50.75	74.00	-23.25	peak		
2	*	13512.00	44.91	-10.21	34.70	54.00	-19.30	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

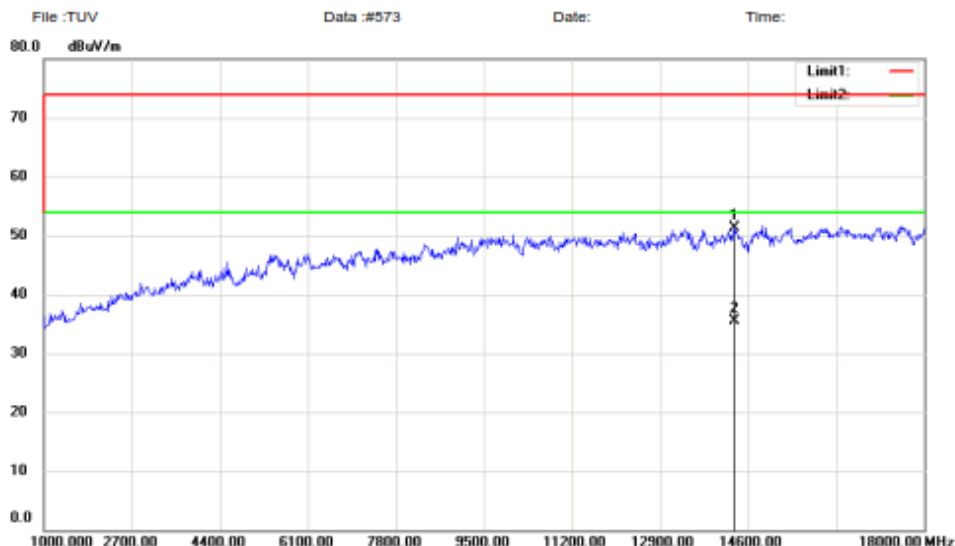
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Radiated Emission Measurement



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11n20 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		14345.00	59.72	-8.43	51.29	74.00	-22.71	peak		
2	*	14345.00	43.93	-8.43	35.50	54.00	-18.50	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

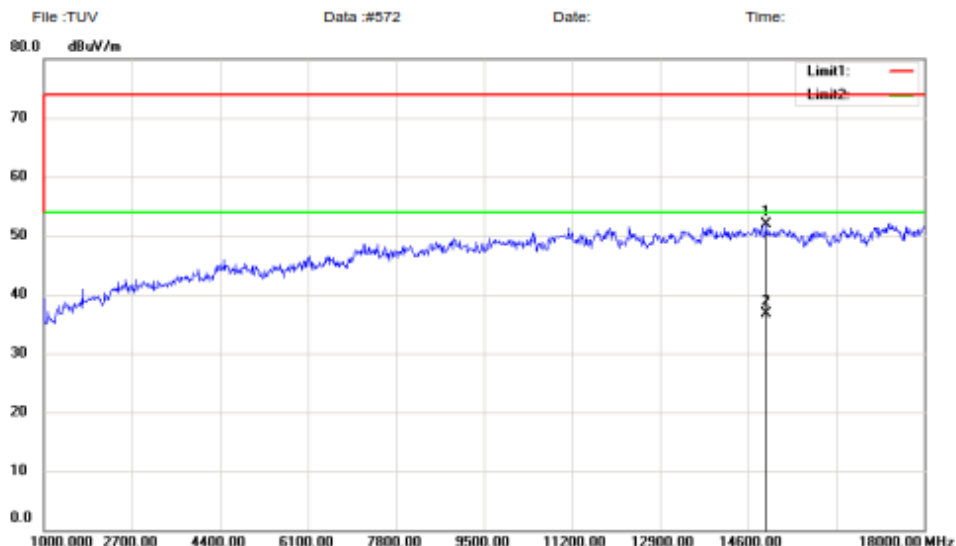
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Page: 1

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Radiated Emission Measurement



Site 3m Chamber #2 Polarization: **Vertical** Temperature: 24 C
Limit: (RE)FCC PART 15C Power: AC 120V/60Hz Humidity: 53 %
EUT: Insignia Flex Android 10" Tablet
M/N: NS-P10A8100
Mode:11n20 2437
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		14957.00	61.33	-9.51	51.82	74.00	-22.18	peak		
2	*	14957.00	46.31	-9.51	36.80	54.00	-17.20	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

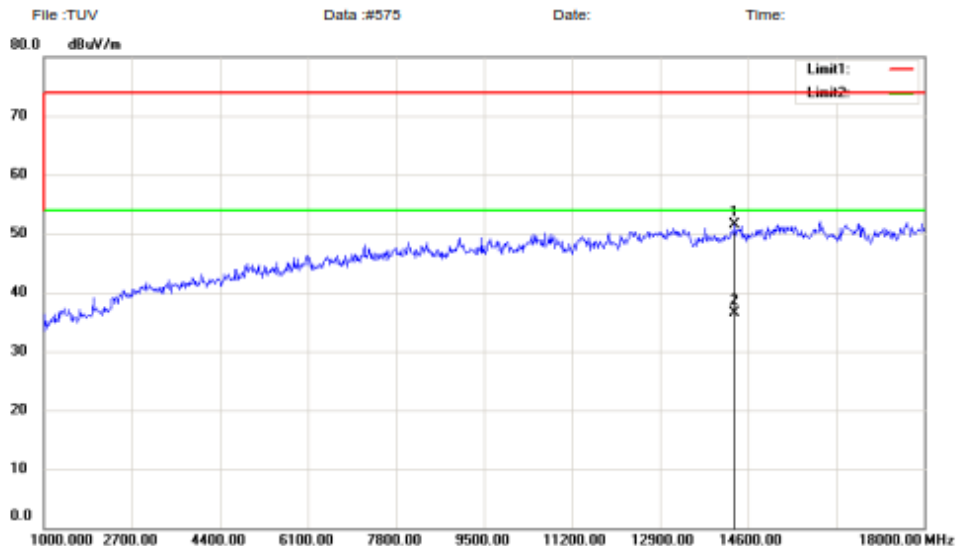
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Page: 1

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Radiated Emission Measurement



Site: 3m Chamber #2

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode: 11n20 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		14345.00	59.84	-8.43	51.41	74.00	-22.59	peak		
2	*	14345.00	45.03	-8.43	36.60	54.00	-17.40	AVG		

*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUVData: #575

Page: 1

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Radiated Emission Measurement



Site: 3m Chamber #2 Polarization: **Vertical** Temperature: 24 C
Limit: (RE)FCC PART 15C Power: AC 120V/60Hz Humidity: 53 %
EUT: Insignia Flex Android 10" Tablet
M/N: NS-P10A8100
Mode: 11n20 2462
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		12186.00	63.93	-13.38	50.55	74.00	-23.45	peak		
2	*	12186.00	47.88	-13.38	34.50	54.00	-19.50	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData: #574

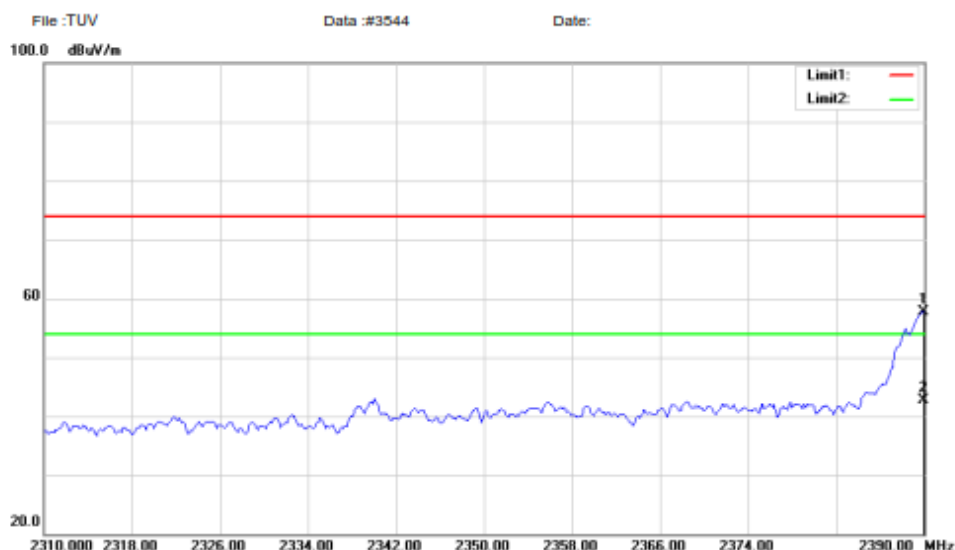
Page: 1

3.3 Restricted Bands

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Radiated Emission Measurement



Site #1 Polarization: **Horizontal** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11nH20 2412
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2389.920	72.00	-14.22	57.78	74.00	-16.22	peak	0	
2	*	2389.920	56.84	-14.22	42.62	54.00	-11.38	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

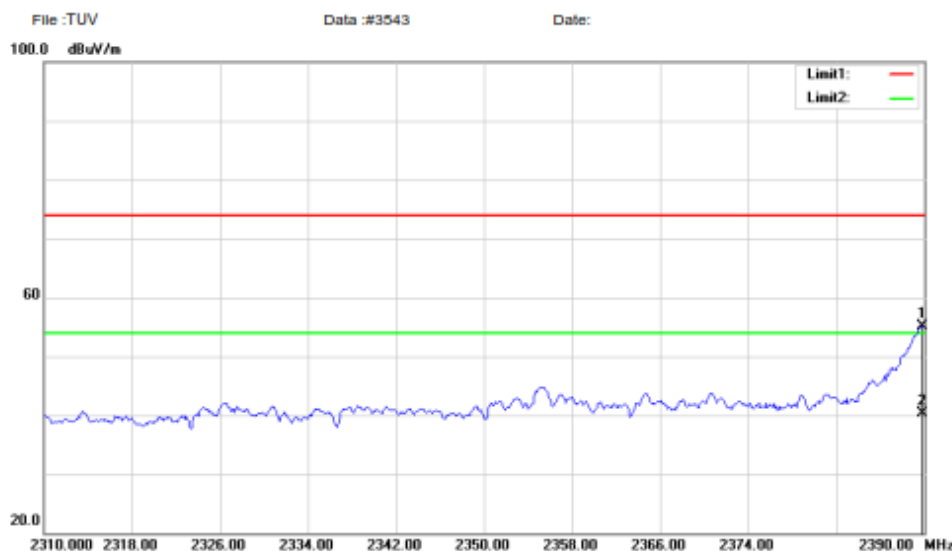
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Page: 1

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Radiated Emission Measurement



Site #1 Polarization: **Vertical** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11nH20 2412
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2389.840	69.37	-14.22	55.15	74.00	-18.85	peak	0	
2	*	2389.840	54.48	-14.22	40.26	54.00	-13.74	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

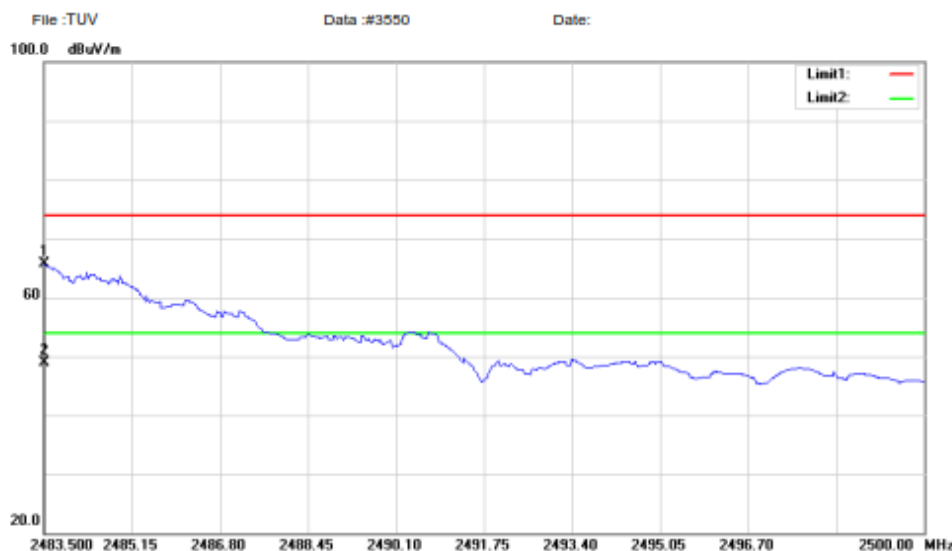
File: TUVData: #3543

Page: 1

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Radiated Emission Measurement



Site #1 Polarization: **Horizontal** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11nH20 2462
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2483.500	79.38	-13.75	65.63	74.00	-8.37	peak	0	
2	*	2483.500	62.67	-13.75	48.92	54.00	-5.08	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

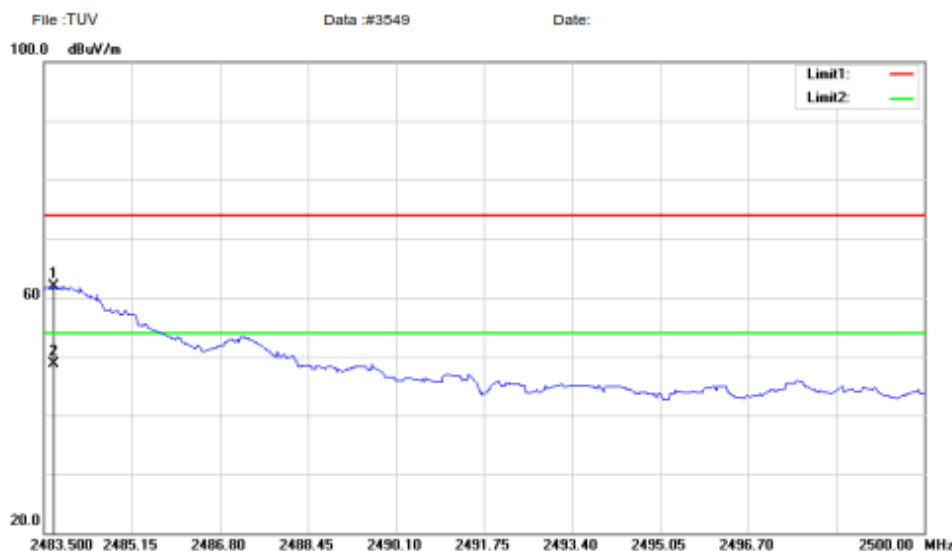
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Page: 1

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Radiated Emission Measurement



Site #1 Polarization: **Vertical** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11nH20 2462
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.682	75.64	-13.75	61.89	74.00	-12.11	peak	0	
2	*	2483.682	62.44	-13.75	48.69	54.00	-5.31	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

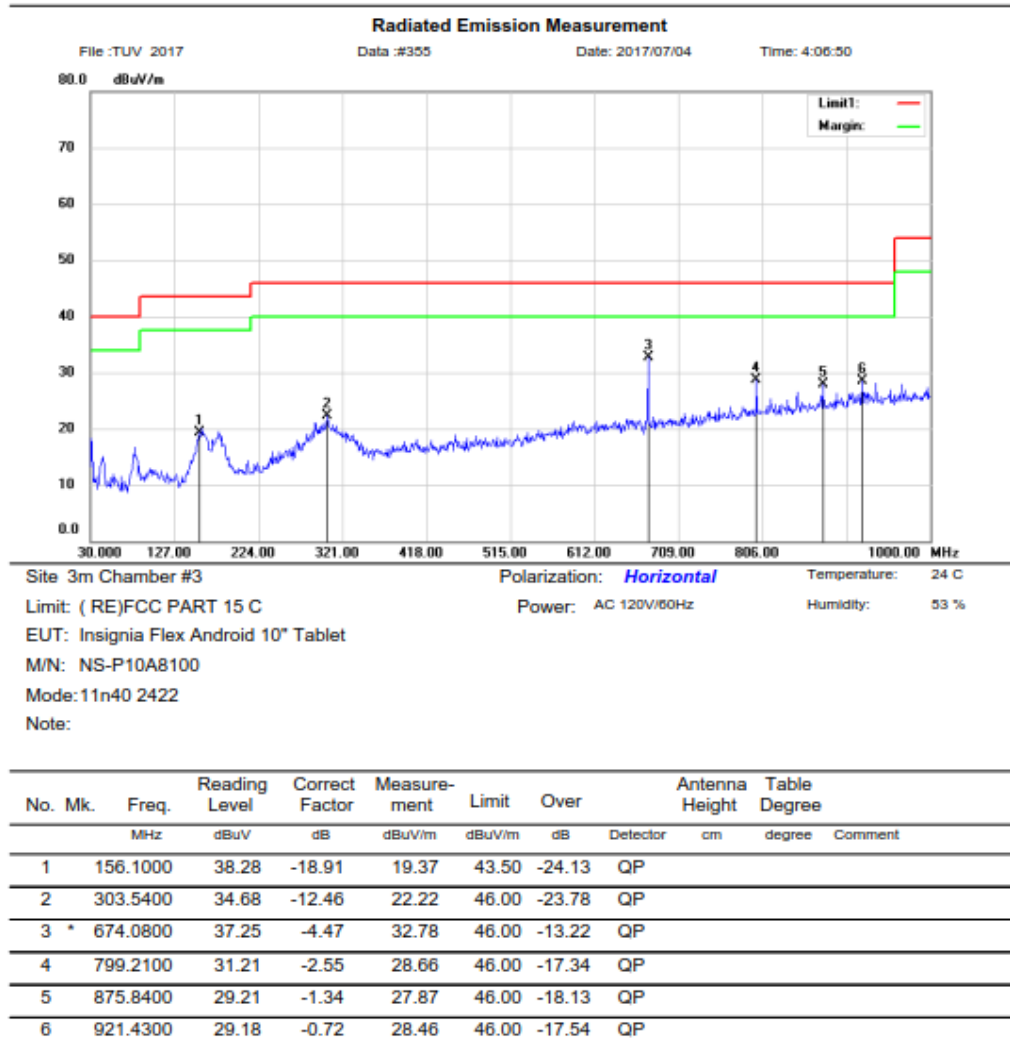
File: TUVData: #3549

Page: 1

4. Transmitter Spurious Emissions of 802.11n (HT40) mode

4.1 Transmitter Spurious Emissions, 30MHz - 1GHz

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*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV 2017Data: #355

Page: 1

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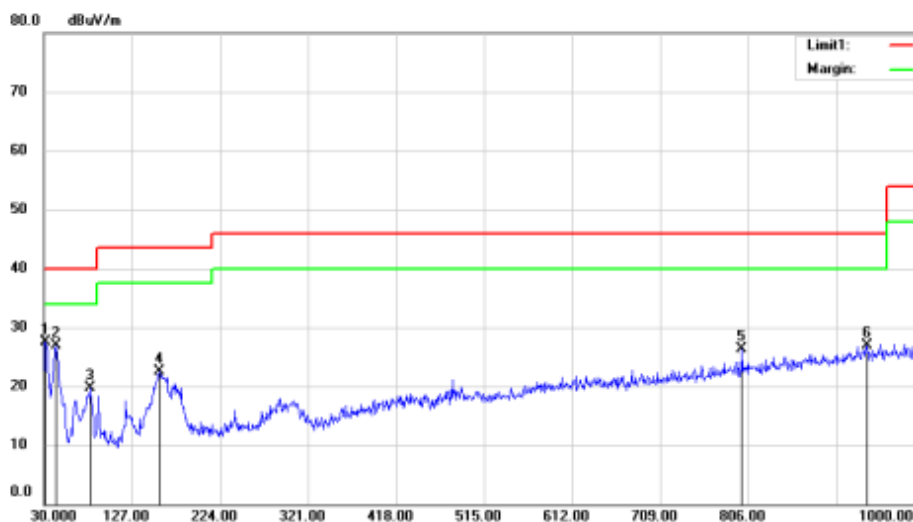
Radiated Emission Measurement

File :TUV 2017

Data :#356

Date: 2017/07/04

Time: 4:05:00



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11n40 2422

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	31.9400	43.98	-16.49	27.49	40.00	-12.51	QP		
2		43.5800	42.20	-15.25	26.95	40.00	-13.05	QP		
3		80.4400	39.42	-19.71	19.71	40.00	-20.29	QP		
4		157.0700	41.27	-18.85	22.42	43.50	-21.08	QP		
5		799.2100	28.94	-2.55	26.39	46.00	-19.61	QP		
6		936.9500	27.39	-0.54	26.85	46.00	-19.15	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017>Data :#356

Page: 1

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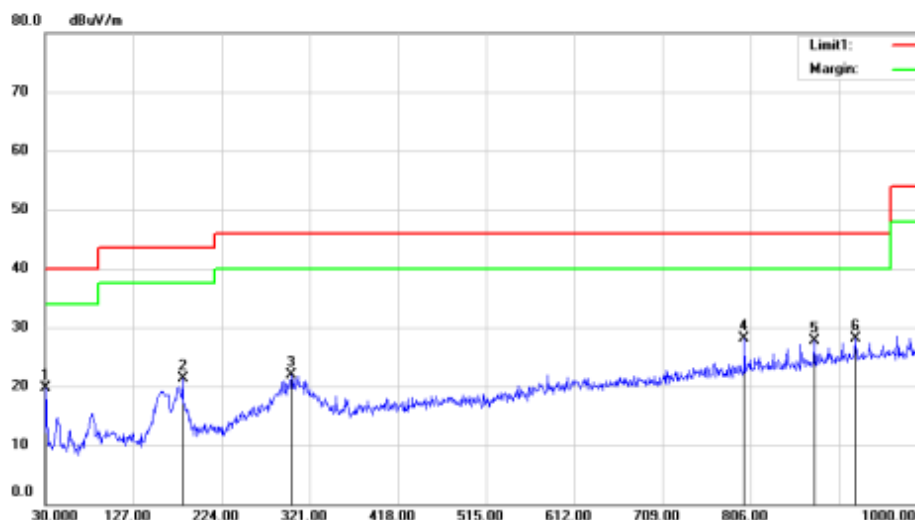
Radiated Emission Measurement

File :TUV 2017

Data :#357

Date: 2017/07/04

Time: 4:09:10



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11n40 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		30.9700	36.24	-16.55	19.69	40.00	-20.31	QP		
2		181.3200	38.30	-17.08	21.22	43.50	-22.28	QP		
3		300.6300	34.47	-12.47	22.00	46.00	-24.00	QP		
4		799.2100	30.62	-2.55	28.07	46.00	-17.93	QP		
5		875.8400	28.97	-1.34	27.63	46.00	-18.37	QP		
6	*	921.4300	28.90	-0.72	28.18	46.00	-17.82	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data :#357

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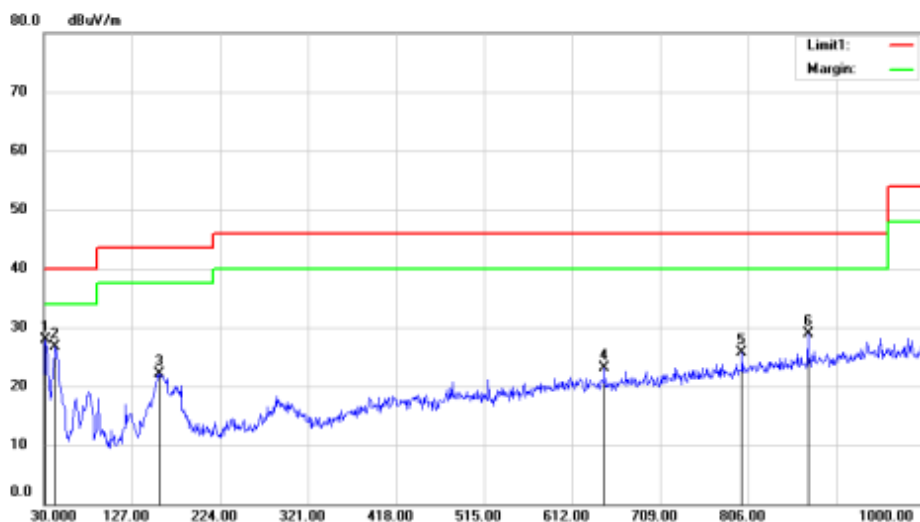
Radiated Emission Measurement

File :TUV 2017

Data :#355

Date: 2017/07/04

Time: 4:10:20



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11n40 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	31.9400	44.30	-16.49	27.81	40.00	-12.19	QP		
2		42.6100	41.98	-15.26	26.72	40.00	-13.28	QP		
3		157.0700	40.89	-18.85	22.04	43.50	-21.46	QP		
4		647.8900	27.91	-4.73	23.18	46.00	-22.82	QP		
5		799.2100	28.31	-2.55	25.76	46.00	-20.24	QP		
6		871.9600	30.27	-1.41	28.86	46.00	-17.14	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017>Data :#358

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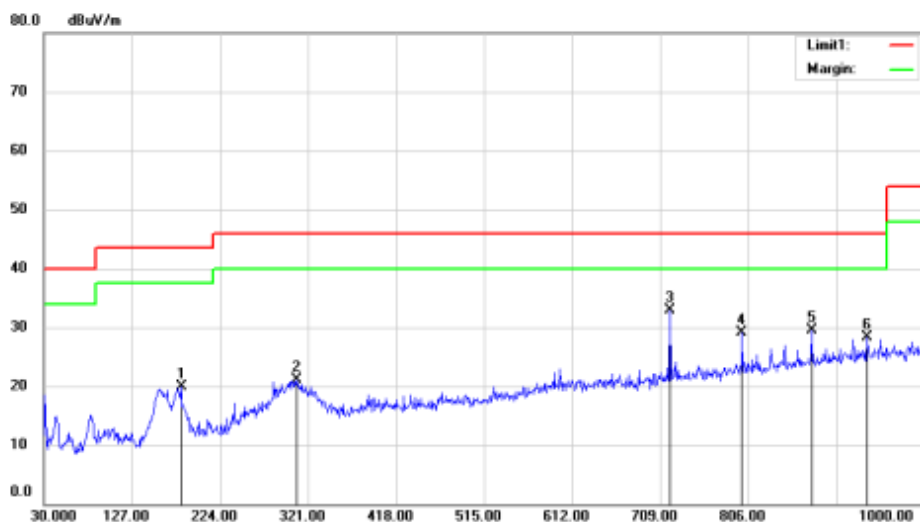
Radiated Emission Measurement

File :TUV 2017

Data :#359

Date: 2017/07/04

Time: 4:11:31



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11n40 2452

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		181.3200	37.04	-17.08	19.96	43.50	-23.54	QP		
2		308.3900	33.54	-12.43	21.11	46.00	-24.89	QP		
3	*	719.6700	36.67	-3.85	32.82	46.00	-13.18	QP		
4		799.2100	31.60	-2.55	29.05	46.00	-16.95	QP		
5		875.8400	30.88	-1.34	29.54	46.00	-16.46	QP		
6		936.9500	28.89	-0.54	28.35	46.00	-17.65	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017>Data :#359

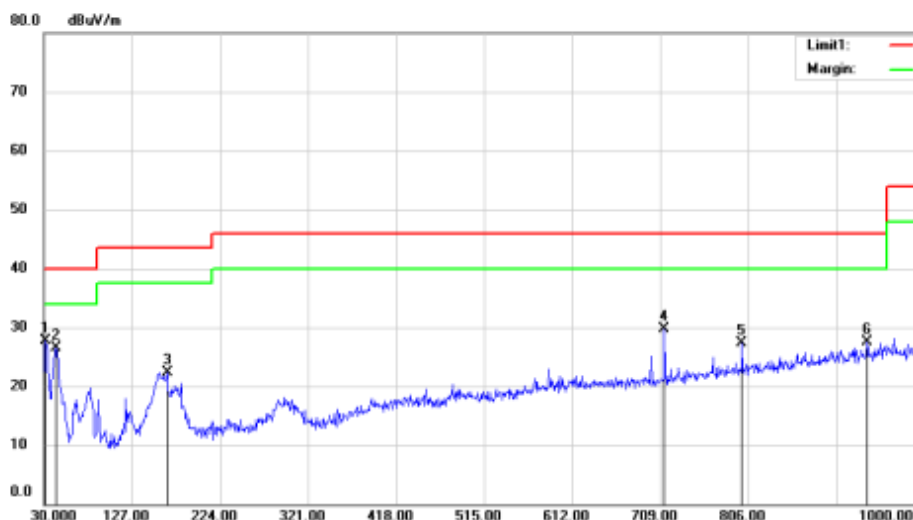
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Radiated Emission Measurement

File :TUV 2017 Data :#360 Date: 2017/07/04 Time: 4:12:41



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
EUT: Insignia Flex Android 10" Tablet
M/N: NS-P10A8100
Mode:11n40 2452
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	31.9400	44.13	-16.49	27.64	40.00	-12.36	QP		
2		43.5800	41.66	-15.25	26.41	40.00	-13.59	QP		
3		165.8000	40.94	-18.58	22.36	43.50	-21.14	QP		
4		713.8500	33.73	-3.95	29.78	46.00	-16.22	QP		
5		799.2100	29.83	-2.55	27.28	46.00	-18.72	QP		
6		936.9500	28.09	-0.54	27.55	46.00	-18.45	QP		

*:Maximum data x:Over limit !:over margin

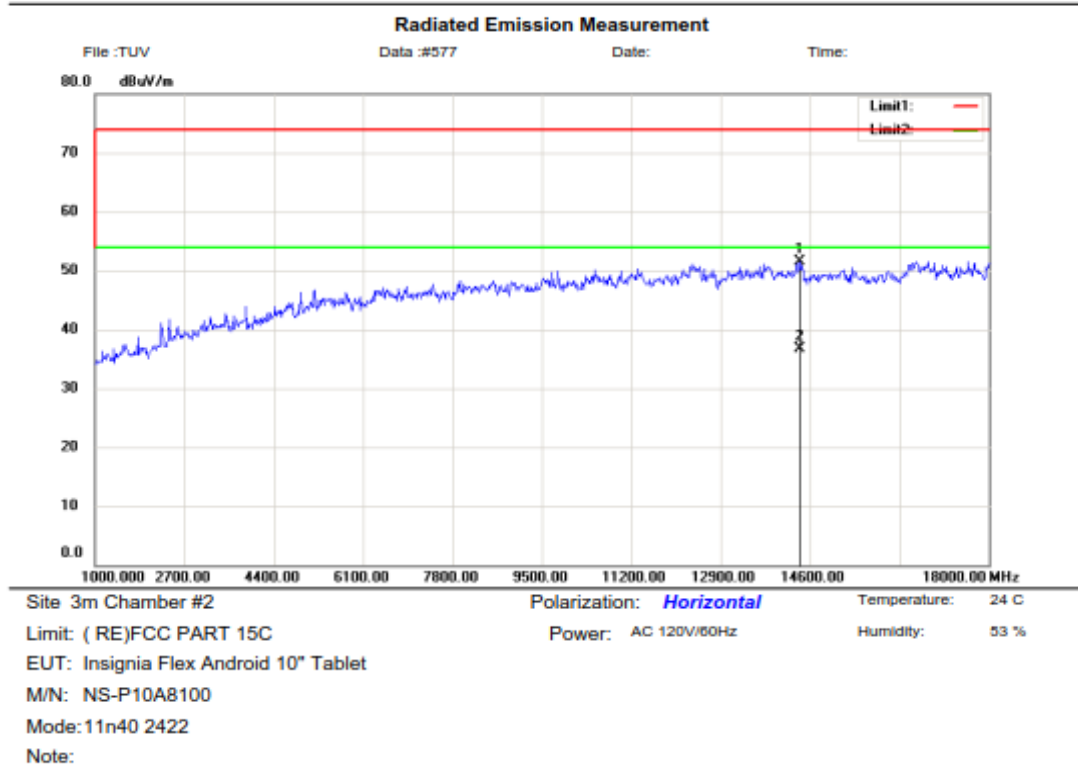
Operator: KK

File :TUV 2017Data :#360

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4.2 Transmitter Spurious Emissions, 1GHz - 18GHz

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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		14396.00	60.08	-8.52	51.56	74.00	-22.44	peak		
2	*	14396.00	45.22	-8.52	36.70	54.00	-17.30	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

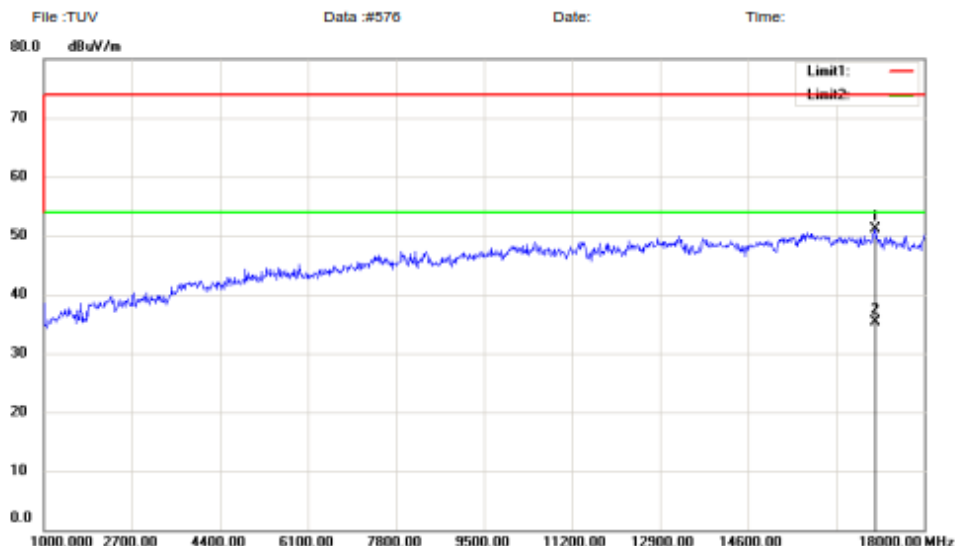
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Radiated Emission Measurement



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11n40 2422

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		17048.00	59.81	-8.68	51.13	74.00	-22.87	peak		
2	*	17048.00	44.08	-8.68	35.40	54.00	-18.60	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

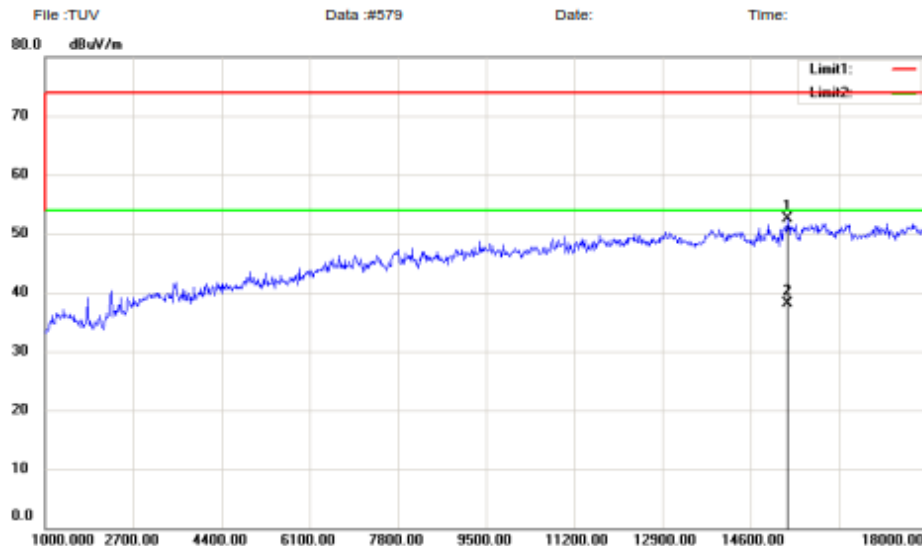
File :TUVData :#576

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Radiated Emission Measurement



Site: 3m Chamber #2

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode: 11n40 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		15314.00	63.11	-10.58	52.53	74.00	-21.47	peak		
2	*	15314.00	48.78	-10.58	38.20	54.00	-15.80	AVG		

*: Maximum data x: Over limit !: over margin

Operator: KK

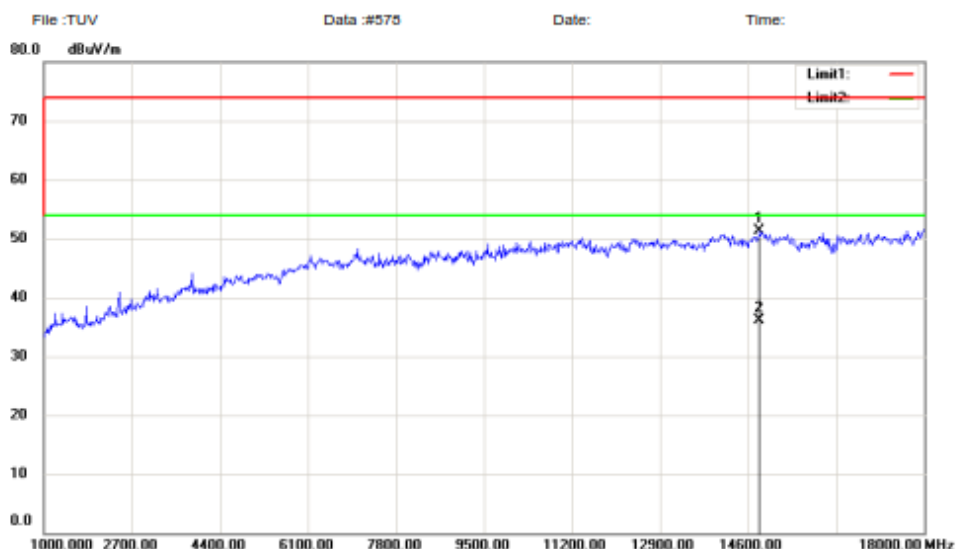
File: TUV\Data: #579

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Radiated Emission Measurement



Site 3m Chamber #2 Polarization: **Vertical** Temperature: 24 C
Limit: (RE)FCC PART 15C Power: AC 120V/60Hz Humidity: 53 %
EUT: Insignia Flex Android 10" Tablet
M/N: NS-P10A8100
Mode:11n40 2437
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		14821.00	60.59	-9.28	51.31	74.00	-22.69	peak		
2	*	14821.00	45.48	-9.28	36.20	54.00	-17.80	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

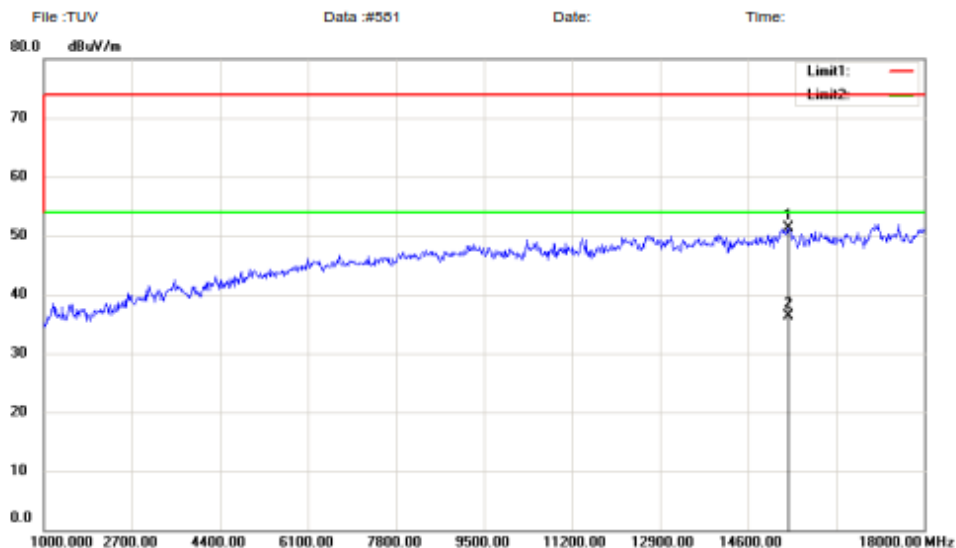
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Radiated Emission Measurement



Site: 3m Chamber #2

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode: 11n40 2452

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		15382.00	62.09	-10.79	51.30	74.00	-22.70	peak		
2	*	15382.00	47.09	-10.79	36.30	54.00	-17.70	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

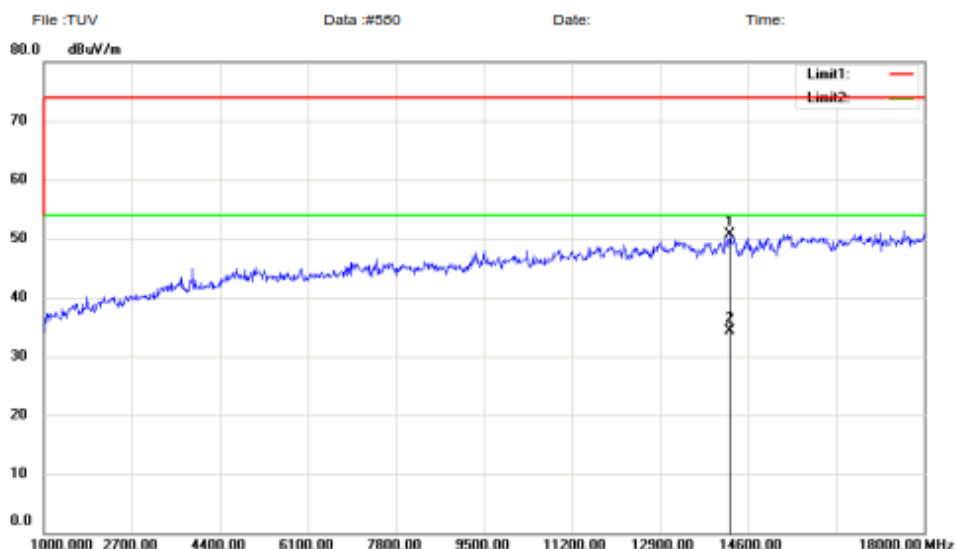
File: TUVData: #581

Page: 1

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Radiated Emission Measurement



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Insignia Flex Android 10" Tablet

M/N: NS-P10A8100

Mode:11n40 2452

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		14243.00	58.86	-8.25	50.61	74.00	-23.39	peak		
2	*	14243.00	42.65	-8.25	34.40	54.00	-19.60	AVG		

*:Maximum data x:Over limit !:over margin

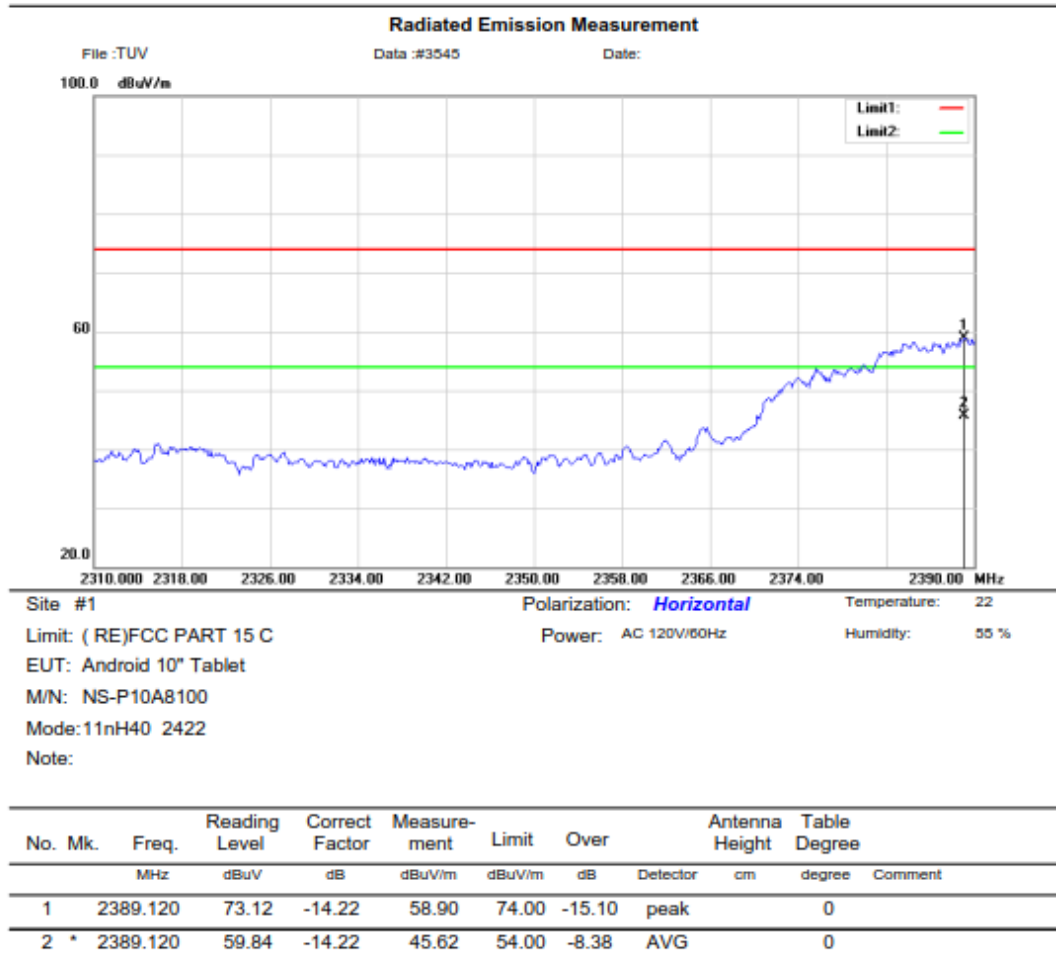
Operator: KK

File :TUVData :#580

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4.3 Restricted Bands

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*:Maximum data x:Over limit !:over margin

Operator: KK

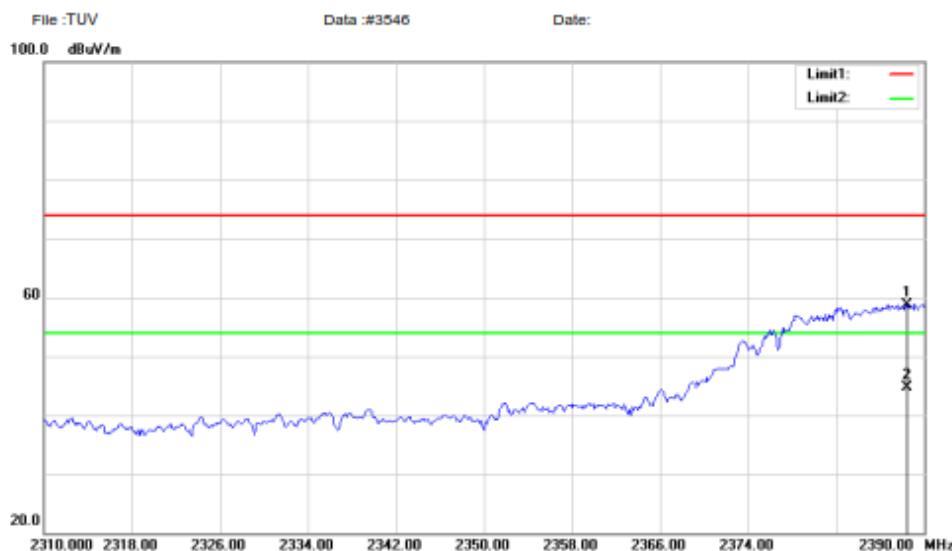
File: TUV\Data: #3545

Page: 1

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Radiated Emission Measurement



Site #1 Polarization: **Vertical** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11nH40 2422
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2388.480	73.02	-14.22	58.80	74.00	-15.20	peak	0	
2	*	2388.480	58.84	-14.22	44.62	54.00	-9.38	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

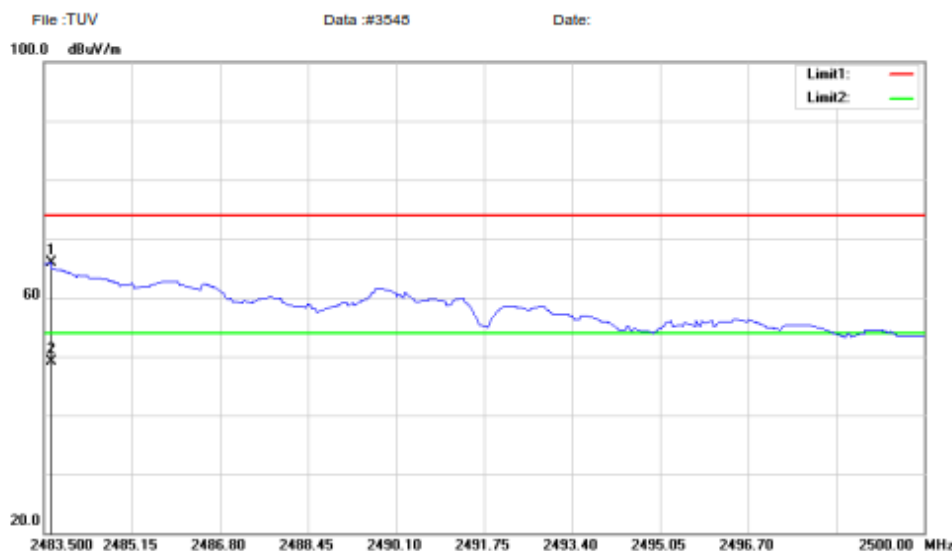
File: TUVData: #3546

Page: 1

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Radiated Emission Measurement



Site #1 Polarization: **Horizontal** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11nH40 2452
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2483.632	79.59	-13.75	65.84	74.00	-8.16	peak	0	
2	*	2483.632	62.82	-13.75	49.07	54.00	-4.93	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

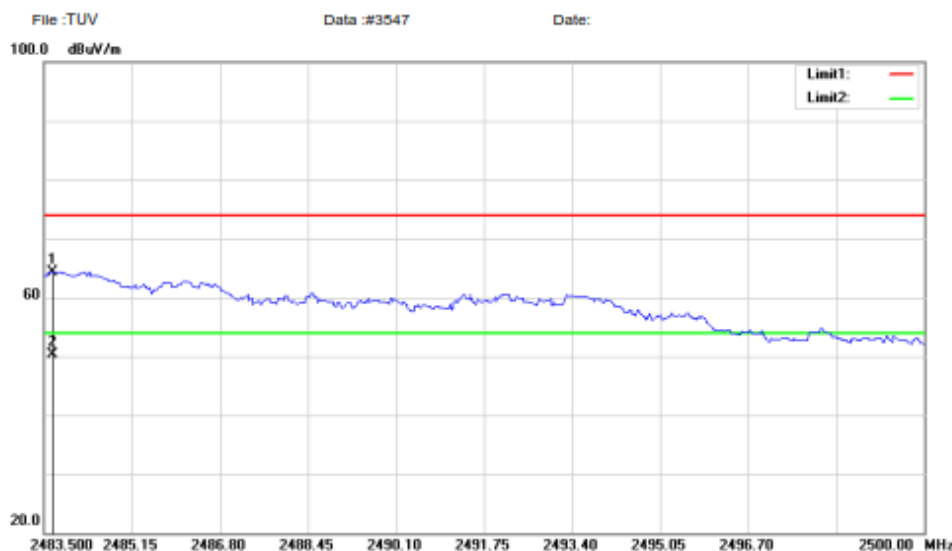
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Page: 1

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Radiated Emission Measurement



Site #1 Polarization: **Vertical** Temperature: 22
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Android 10" Tablet
M/N: NS-P10A8100
Mode: 11nH40 2452
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2483.665	78.10	-13.75	64.35	74.00	-9.65	peak	0	
2	*	2483.665	64.07	-13.75	50.32	54.00	-3.68	AVG	0	

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData: #3547

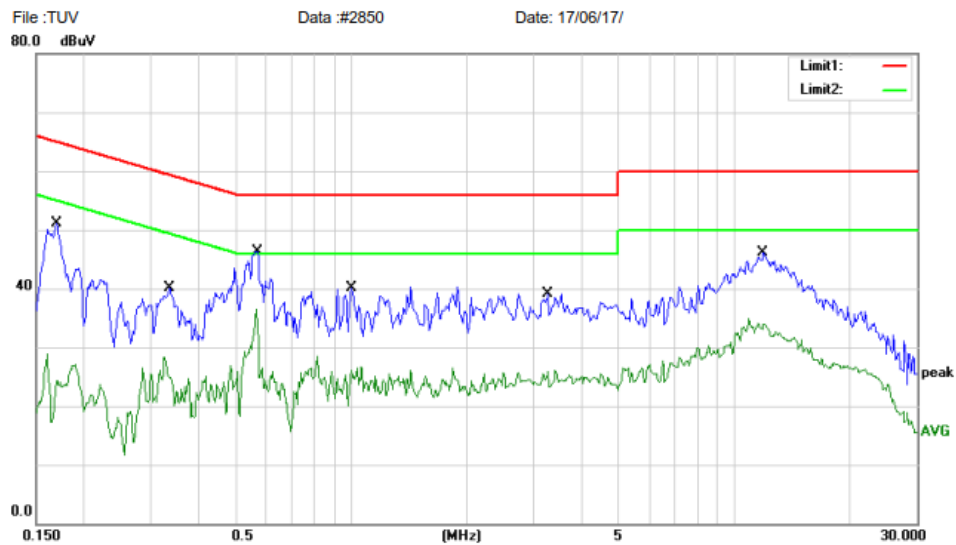
Page: 1

5. Conducted Emissions

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Conducted Emission Measurement



Site Conduction #1 Phase: **L1** Temperature: 22
Limit: (CE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Insignia Flex Android 10" Tablet
M/N: NS-P10A8100
Mode: WIFI+BT ON
Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1700	51.08	0.00	51.08	64.96	-13.88	QP	
2	0.1700	24.39	0.00	24.39	54.96	-30.57	AVG	
3	0.3350	40.17	0.00	40.17	59.33	-19.16	QP	
4	0.3350	28.34	0.00	28.34	49.33	-20.99	AVG	
5	0.5670	46.39	0.00	46.39	56.00	-9.61	QP	
6 *	0.5670	36.50	0.00	36.50	46.00	-9.50	AVG	
7	1.0000	40.01	0.00	40.01	56.00	-15.99	QP	
8	1.0000	26.10	0.00	26.10	46.00	-19.90	AVG	
9	3.2650	39.17	0.00	39.17	56.00	-16.83	QP	
10	3.2650	25.84	0.00	25.84	46.00	-20.16	AVG	
11	11.8700	46.13	0.00	46.13	60.00	-13.87	QP	
12	11.8700	33.93	0.00	33.93	50.00	-16.07	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Stan

File: TUVData: #2850

Page: 1

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Conducted Emission Measurement



Site: Conduction #1 Phase: **N** Temperature: 22
Limit: (CE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Insignia Flex Android 10" Tablet
M/N: NS-P10A8100
Mode: WIFI+BT ON
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	49.72	0.00	49.72	66.00	-16.28	QP	
2		0.1500	23.65	0.00	23.65	56.00	-32.35	AVG	
3		0.1600	48.95	0.00	48.95	65.46	-16.51	QP	
4		0.1600	24.37	0.00	24.37	55.46	-31.09	AVG	
5	*	0.5550	46.81	0.00	46.81	56.00	-9.19	QP	
6		0.5550	31.28	0.00	31.28	46.00	-14.72	AVG	
7		0.8950	39.24	0.00	39.24	56.00	-16.76	QP	
8		0.8950	20.79	0.00	20.79	46.00	-25.21	AVG	
9		11.1975	44.29	0.00	44.29	60.00	-15.71	QP	
10		11.1975	28.33	0.00	28.33	50.00	-21.67	AVG	
11		13.3700	45.57	0.00	45.57	60.00	-14.43	QP	
12		13.3700	29.06	0.00	29.06	50.00	-20.94	AVG	

*:Maximum data x:Over limit l:over margin Comment: Factor build in receiver. Operator: Stan

File: TUVData: #2849

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