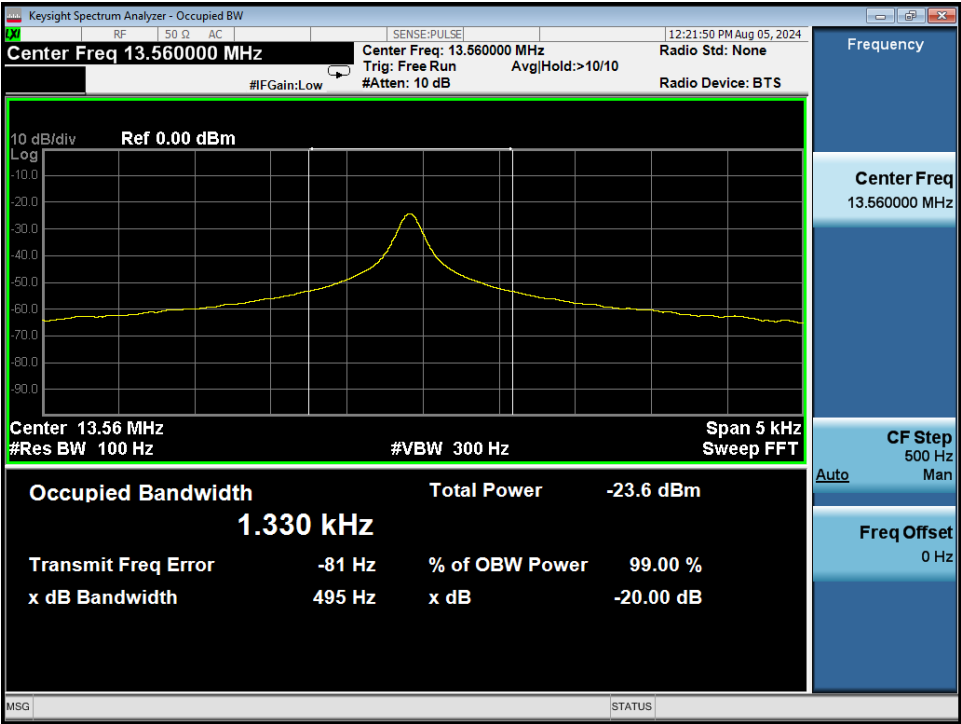


Appendix A: Test Results of NFC

APPENDIX A: TEST RESULTS OF NFC	1
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9kHz – 150kHz	5
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Appendix A.1: Test Results of 20dB Bandwidth



Appendix A.2: Test Results of 99% Bandwidth



Appendix A.3: Test Results of Frequency Stability

Assigned Frequency (MHz): 13.56MHz				
Voltage	Temperature	Measured Frequency (MHz)	Frequency Stability	Limit
Low	+20°C	13.560993	0.000993	±100 ppm ±0.001356MHz
Normal	-10°C	13.560842	0.000842	
	-5°C	13.560453	0.000453	
	0°C	13.560157	0.000157	
	+10°C	13.560561	0.000561	
	+20°C	13.560268	0.000268	
	+30°C	13.560709	0.000709	
	+40°C	13.560069	0.000069	
	+50°C	13.560617	0.000617	
	+60°C	13.560333	0.000333	
High	+20°C	13.560993	0.000993	

Appendix A.4: Test Results of Radiated Spurious Emission (In-Band & Out-Band Emissions)

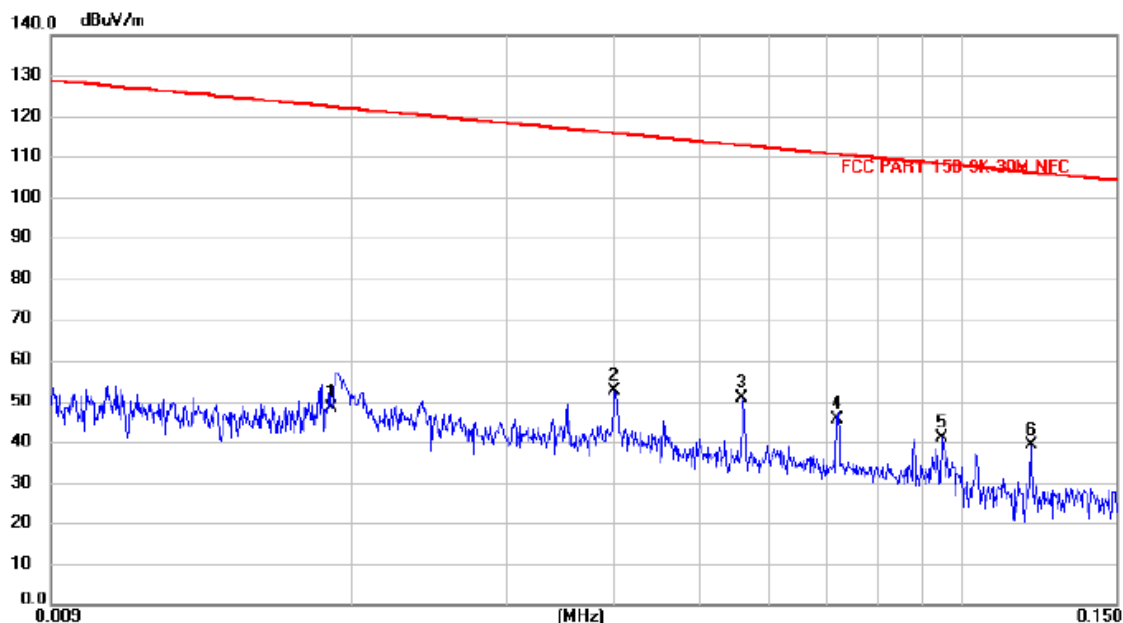
Note: The highest waveform in the figure is Fundamental.

9kHz – 150kHz

EUT Information

EUT Name:	WIRELESS CHARGER
Model:	W2BSTLAV1
Test Mode:	NFC
Order No/Sample No:	A003781634-001
Test Voltage:	DC 12V
Remark:	Temp 26 Humi:54%
Test Standard:	FCC Part 15C
Tested By:	Felix Pang
Reviewed By:	Simple Guan

Coplanar



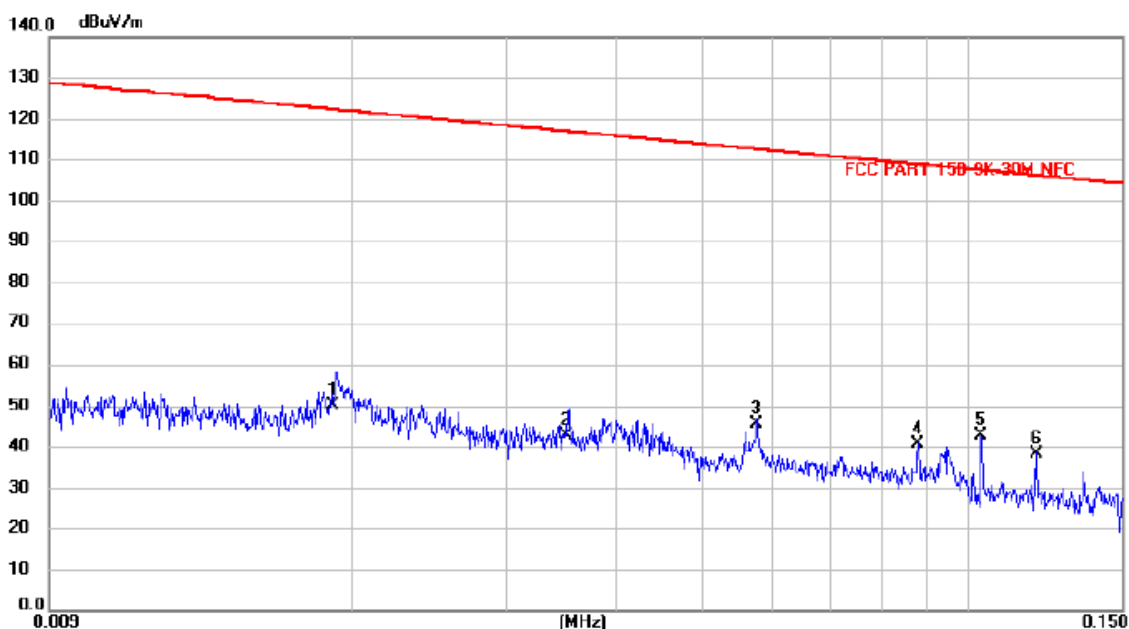
Critical Freqs

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	0.0190	28.87	19.51	48.38	122.29	-73.91	peak			P	
2	0.0400	33.02	19.53	52.55	115.81	-63.26	peak			P	
3 *	0.0560	31.62	19.47	51.09	112.88	-61.79	peak			P	
4	0.0720	25.98	19.55	45.53	110.70	-65.17	peak			P	
5	0.0947	21.52	19.50	41.02	108.31	-67.29	peak			P	
6	0.1200	19.89	19.63	39.52	106.25	-66.73	peak			P	

EUT Information

EUT Name:	WIRELESS CHARGER
Model:	W2BSTLAV1
Test Mode:	NFC
Order No/Sample No:	A003781634-001
Test Voltage:	DC 12V
Remark:	Temp 26 Humi:54%
Test Standard:	FCC Part 15C
Tested By:	Felix Pang
Reviewed By:	Simple Guan

Coaxial



Critical_Freqs

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	0.0190	30.80	19.51	50.31	122.29	-71.98	peak			P	
2	0.0350	23.22	19.57	42.79	116.98	-74.19	peak			P	
3	0.0575	26.36	19.48	45.84	112.65	-66.81	peak			P	
4	0.0880	21.43	19.48	40.91	108.95	-68.04	peak			P	
5 *	0.1040	23.46	19.55	43.01	107.49	-64.48	peak			P	
6	0.1200	18.87	19.63	38.50	106.25	-67.75	peak			P	

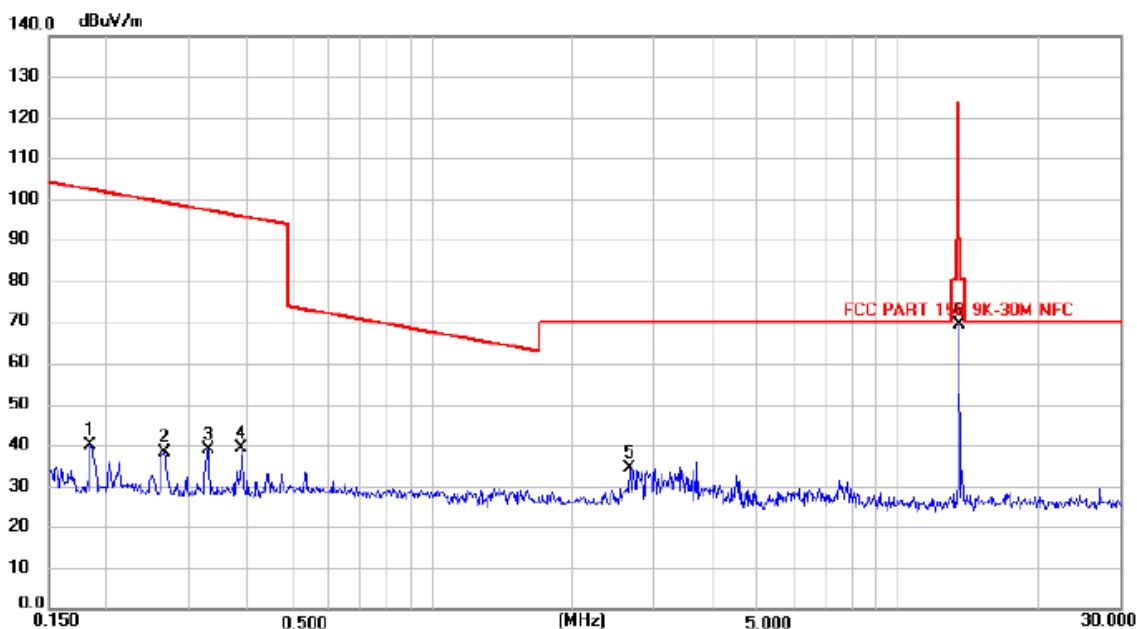
Prüfbericht - Produkte

Test Report - Products

150kHz – 30MHz

EUT Information

EUT Name:	WIRELESS CHARGER
Model:	W2BSTLAV1
Test Mode:	NFC
Order No/Sample No:	A003781634-001
Test Voltage:	DC 12V
Remark:	Temp 26 Humi:54%
Test Standard:	FCC Part 15C
Tested By:	Felix Pang
Reviewed By:	Simple Guan

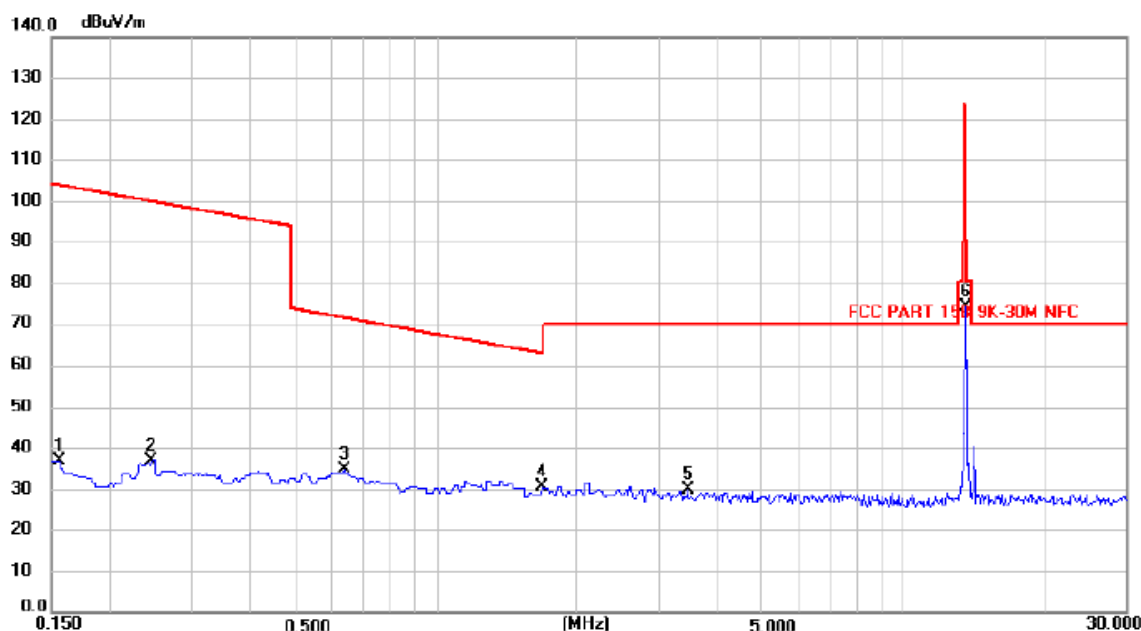
Coplanar**Critical_Freqs**

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	0.1842	20.18	19.91	40.09	102.52	-62.43	peak			P	
2	0.2646	18.33	20.00	38.33	99.36	-61.03	peak			P	
3	0.3290	18.91	20.06	38.97	97.47	-58.50	peak			P	
4	0.3905	19.21	20.13	39.34	95.98	-56.64	peak			P	
5	2.6623	14.00	20.59	34.59	70.00	-35.41	peak			P	
6 *	13.5685	48.68	20.95	69.63	90.50	-20.87	peak			P	

EUT Information

EUT Name:	WIRELESS CHARGER
Model:	W2BSTLAV1
Test Mode:	NFC
Order No/Sample No:	A003781634-001
Test Voltage:	DC 12V
Remark:	Temp 26 Humi:54%
Test Standard:	FCC Part 15C
Tested By:	Felix Pang
Reviewed By:	Simple Guan

Coaxial



Critical_Freqs

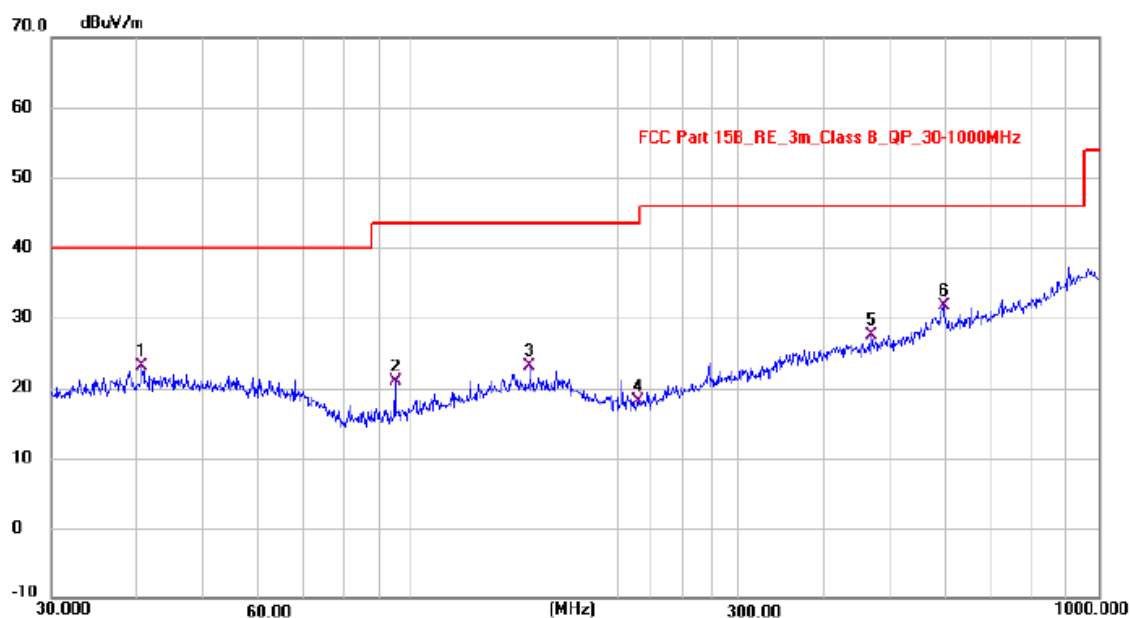
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	0.1554	16.97	19.89	36.86	104.00	-67.14	peak			P	
2	0.2454	16.85	19.98	36.83	100.02	-63.19	peak			P	
3	0.6330	14.47	20.28	34.75	71.74	-36.99	peak			P	
4	1.6880	10.19	20.45	30.64	63.09	-32.45	peak			P	
5	3.4491	9.19	20.71	29.90	70.00	-40.10	peak			P	
6 *	13.5685	53.57	20.95	74.52	90.50	-15.98	peak			P	

30MHz - 1GHz

EUT Information

EUT Name:	WIRELESS CHARGER
Model:	W2BSTLAV1
Test Mode:	NFC
Order No/Sample No:	A003781634-001
Test Voltage:	DC 12V
Remark:	Temp 26 Humi:54%
Test Standard:	FCC Part 15B
Tested By:	Felix Pang
Reviewed By:	Simple Guan

Horizontal



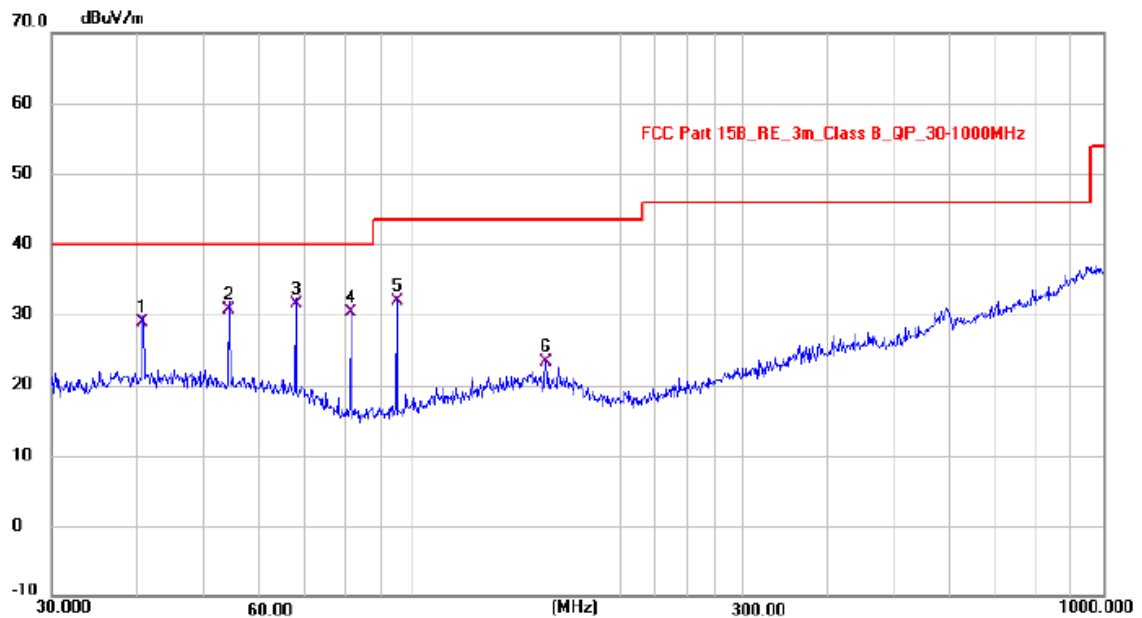
Critical_Freqs

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	40.6480	9.42	13.62	23.04	40.00	-16.96	QP			P	
2	94.9261	11.89	9.11	21.00	43.50	-22.50	QP			P	
3	149.1584	10.12	13.02	23.14	43.50	-20.36	QP			P	
4	214.7965	7.64	10.56	18.20	43.50	-25.30	QP			P	
5	468.0548	9.84	17.62	27.46	46.00	-18.54	QP			P	
6 *	596.1770	11.11	20.60	31.71	46.00	-14.29	QP			P	

EUT Information

EUT Name: WIRELESS CHARGER
Model: W2BSTLAV1
Test Mode: NFC
Order No/Sample No: A003781634-001
Test Voltage: DC 12V
Remark: Temp 26 Humi:54%
Test Standard: FCC Part 15C
Tested By: Felix Pang
Reviewed By: Simple Guan

Vertical



Critical_Freqs

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	40.6837	15.33	13.62	28.95	40.00	-11.05	QP			P	
2	54.2372	17.90	12.75	30.65	40.00	-9.35	QP			P	
3 *	67.7938	20.19	11.33	31.52	40.00	-8.48	QP			P	
4	81.3542	21.78	8.48	30.26	40.00	-9.74	QP			P	
5	94.9261	22.71	9.11	31.82	43.50	-11.68	QP			P	
6	156.0466	10.17	13.17	23.34	43.50	-20.16	QP			P	