

Rule Parts

FCC Rule Part(s)	Standards Doc(s) for FCC Rule Part(s)	IC Rule Part(s)	Standards Docs for IC Rule Part(s)
15.207		RSS-GEN §6.6	

Conducted Emissions With 5800 Radio Transmitting

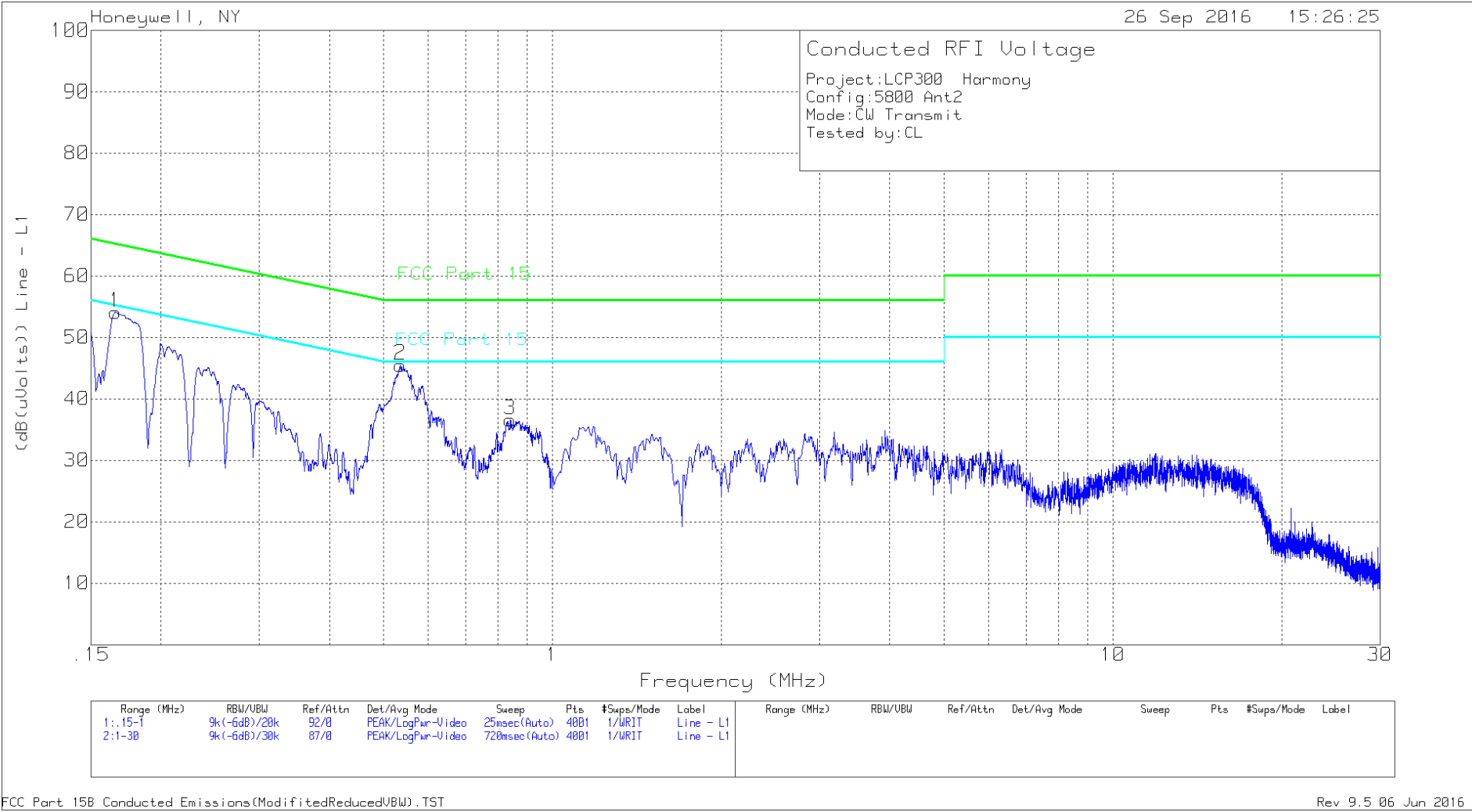
Antenna 1 and antenna 2 had similar results. Antenna 2 results were worse, so they are presented.

Peak measurements were taken. The limit lines shown on the scans are for QP and average.

CONDUCTED EMISSIONS

5800 Line Readings

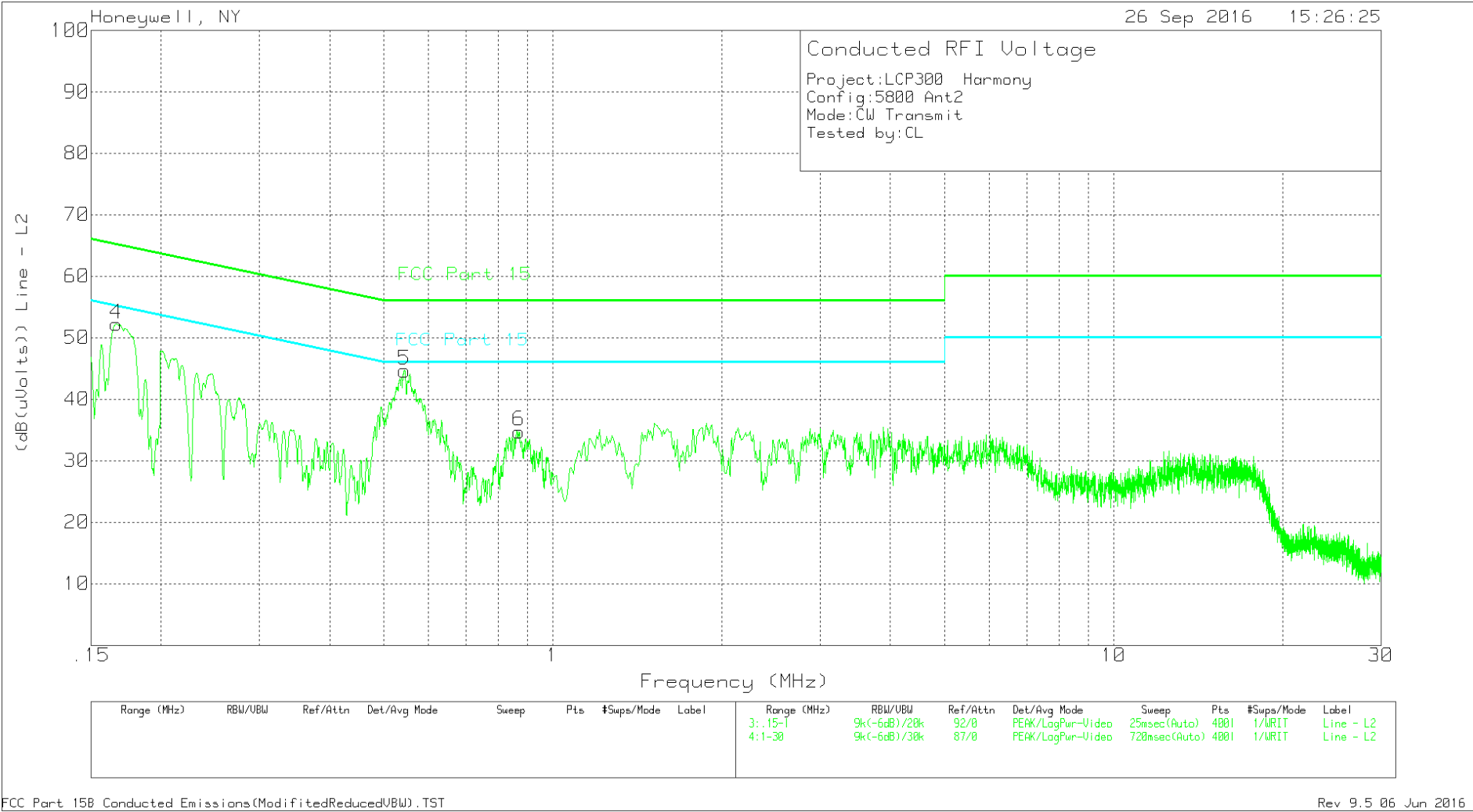
Green and Cyan limit lines are QP and average, respectively.



CONDUCTED EMISSIONS

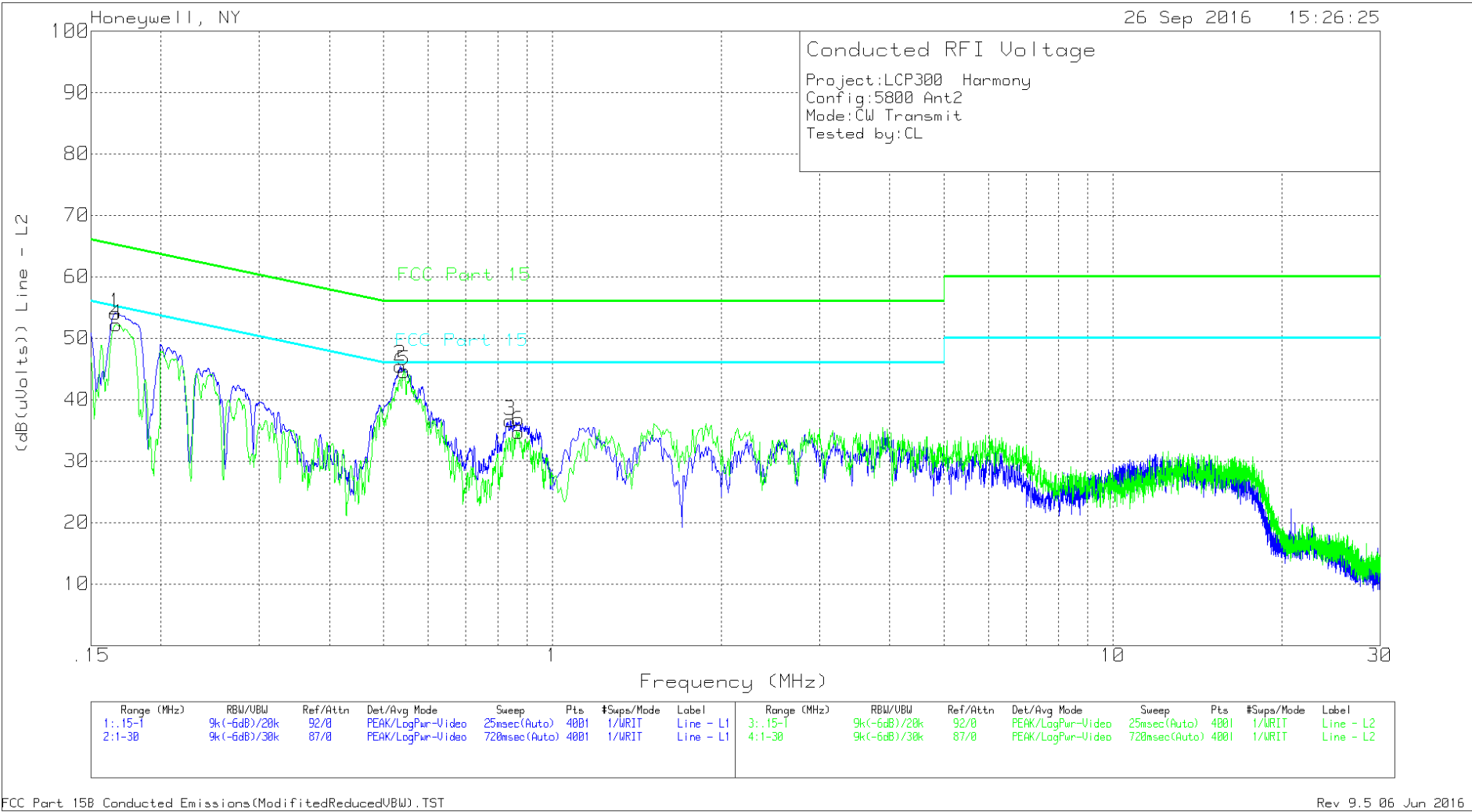
5800 Neutral Readings

Green and Cyan limit lines are QP and average, respectively.



CONDUCTED EMISSIONS

5800 Combined



CONDUCTED EMISSIONS

5800 Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Gain/Loss [dB] LISN1	CDE Cable #1	Corrected Reading (dB(uVolts))	FCC Part 15 QP Limit (dBuV)	Margin from QP Limit (dB)	FCC Part 15 Avg Limit (dBuV)	Margin from Avg Limit (dB)
1	.16619	43.48	Pk	10.5	.1	54.08	65.15	-11.07	55.15	-1.07
2	.53489	35.5	Pk	10	0	45.5	56	-10.5	46	-.5
3	.8415	26.67	Pk	9.9	0	36.57	56	-19.43	46	-9.43
4	.16661	41.62	Pk	10.5	.1	52.22	65.13	-12.91	55.13	-2.91
5	.5432	34.76	Pk	9.9	0	44.66	56	-11.34	46	-1.34
6	.87079	24.87	Pk	9.9	0	34.77	56	-21.23	46	-11.23

Note: Peak-detection measurements met quasi-peak and average limits, therefore further average measurements were not taken.

Conducted Emissions With ZWAVE Radio Transmitting

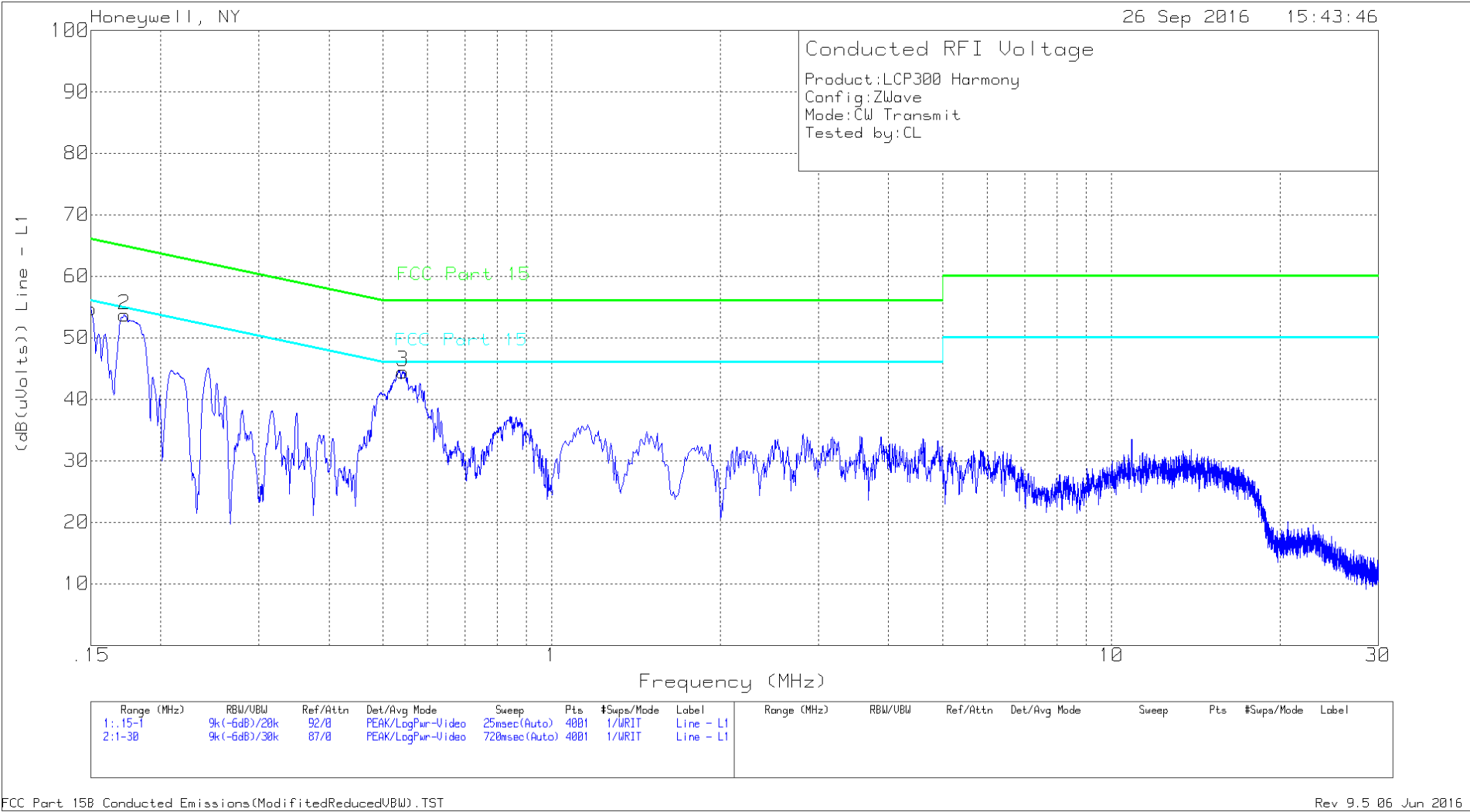
The ZWAVE radio has 1 antenna only.

Peak measurements were taken. The limit lines shown on the scans are for QP and average.

CONDUCTED EMISSIONS CONT.

ZWAVE Line Readings

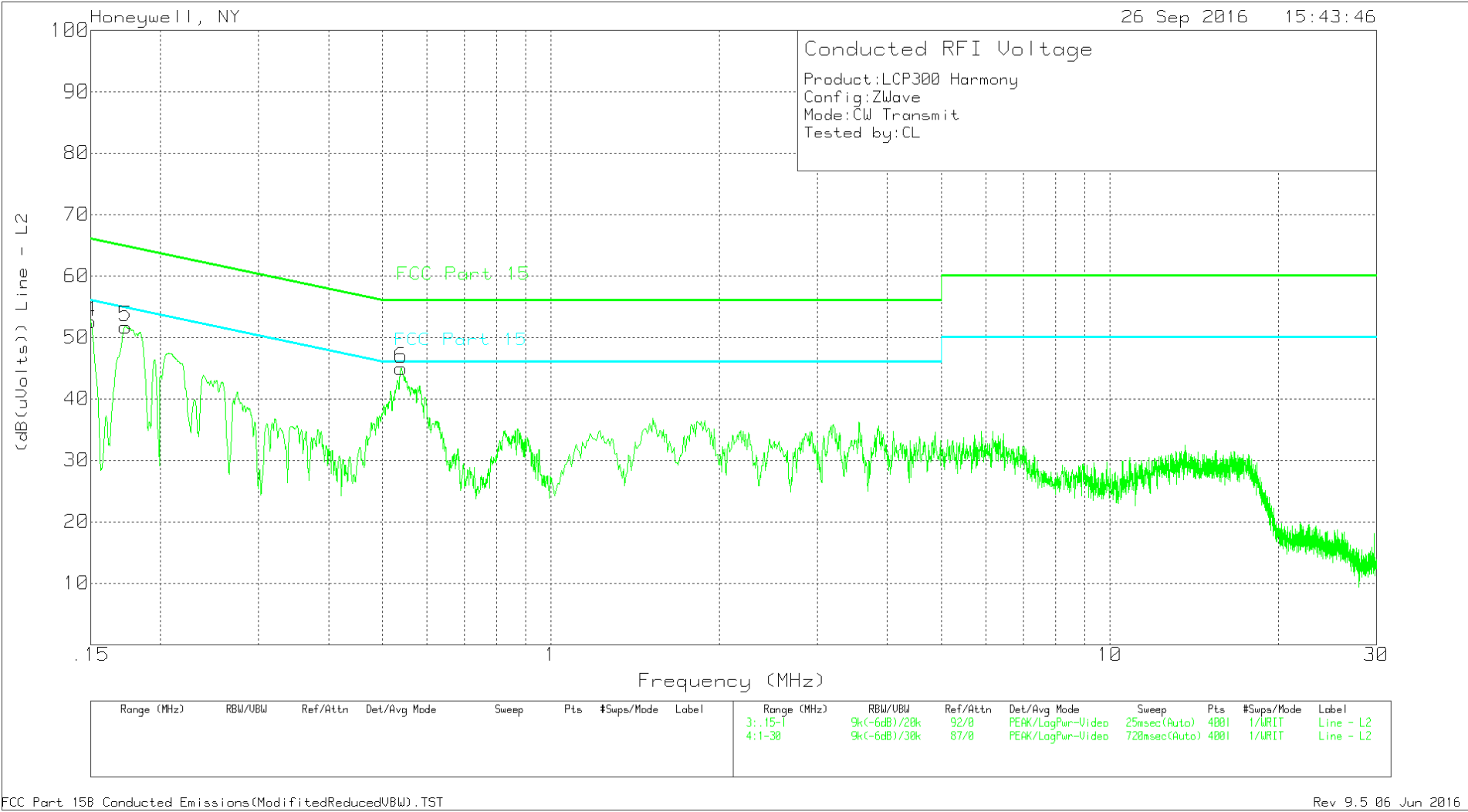
Green and Cyan limit lines are QP and average, respectively.



CONDUCTED EMISSIONS CONT.

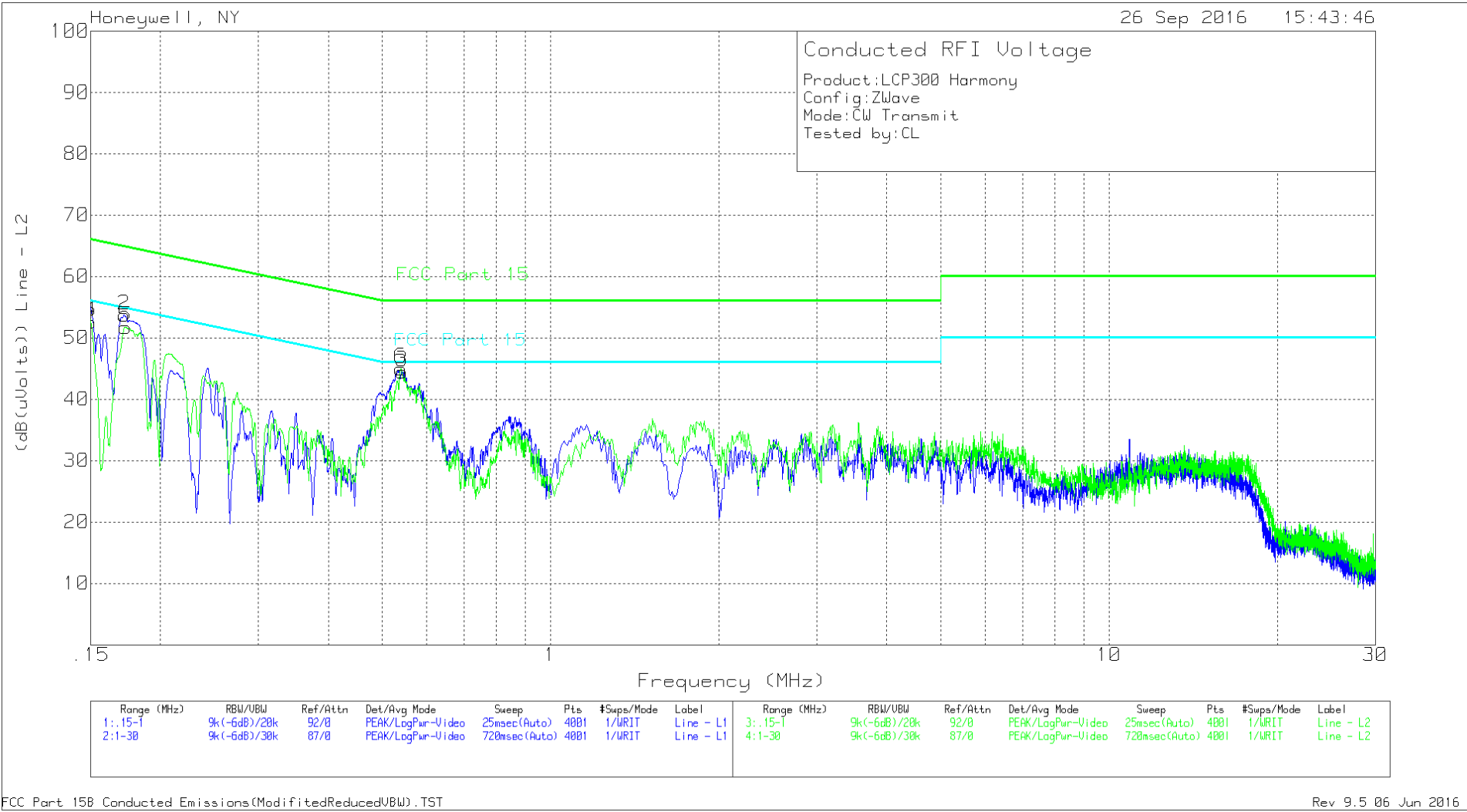
ZWAVE Neutral Readings

Green and Cyan limit lines are QP and average, respectively.



CONDUCTED EMISSIONS CONT.

ZWAVE Combined



CONDUCTED EMISSIONS CONT.

ZWAVE Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Gain/Loss [dB] LISN1	CDE Cable #1	Corrected Reading (dB(uVolts))	FCC Part 15 QP Limit (dBuV)	Margin from QP Limit (dB)	FCC Part 15 Avg Limit (dBuV)	Margin from Avg Limit (dB)
1	.15021	44.11	Pk	10.6	0	54.71	65.99	-11.28	55.99	-1.28
2	.17247	43.2	Pk	10.4	.1	53.7	64.84	-11.14	54.84	-1.14
3	.54149	34.51	Pk	10	0	44.51	56	-11.49	46	-1.49
4	.15021	41.96	Pk	10.6	0	52.56	65.99	-13.43	55.99	-3.43
5	.17332	41.36	Pk	10.4	0	51.76	64.8	-13.04	54.8	-3.04
6	.53958	35.11	Pk	9.9	0	45.01	56	-10.99	46	-.99

Note: Peak-detection measurements met quasi-peak and average limits, therefore further average measurements were not taken.