



A/C Power Line Conducted Emissions for APX6000 with Bluetooth On.

Common Information

Test Information

EUT Name: Mackinaw Portable APX6000 MNUF1003A
 Serial Number: a0121
 FCC ID: AZ489FT5863
 Test Description: A/C Power Line Conducted Emissions
 Operating Conditions: Room temperature
 Operator Name: Curt Mc Lennan
 Comment: Charger – NNTN7079A Power Supply – 2571886T01

Hardware Setup: EMI conducted\Hardware Setup latest FCC class B - 3816 LISN - [EMI conducted]

Subrange 1
 Frequency Range: 150 kHz - 30 MHz
 Receiver: ESIB 40 [ESIB 40]
 @ GPIB0 (ADR 29), SN 100308/040, FW 4.35
 Signal Path: Cable 88
 FW 1.0
 Correction Table: Cable 88 - Cal 3_10
 LISN: 3816 LISN
 Correction Table (Line 0): 2-Line-LISN EMCO 3816 Line N
 Correction Table (Line 1): 2-Line-LISN EMCO 3816 Line 1

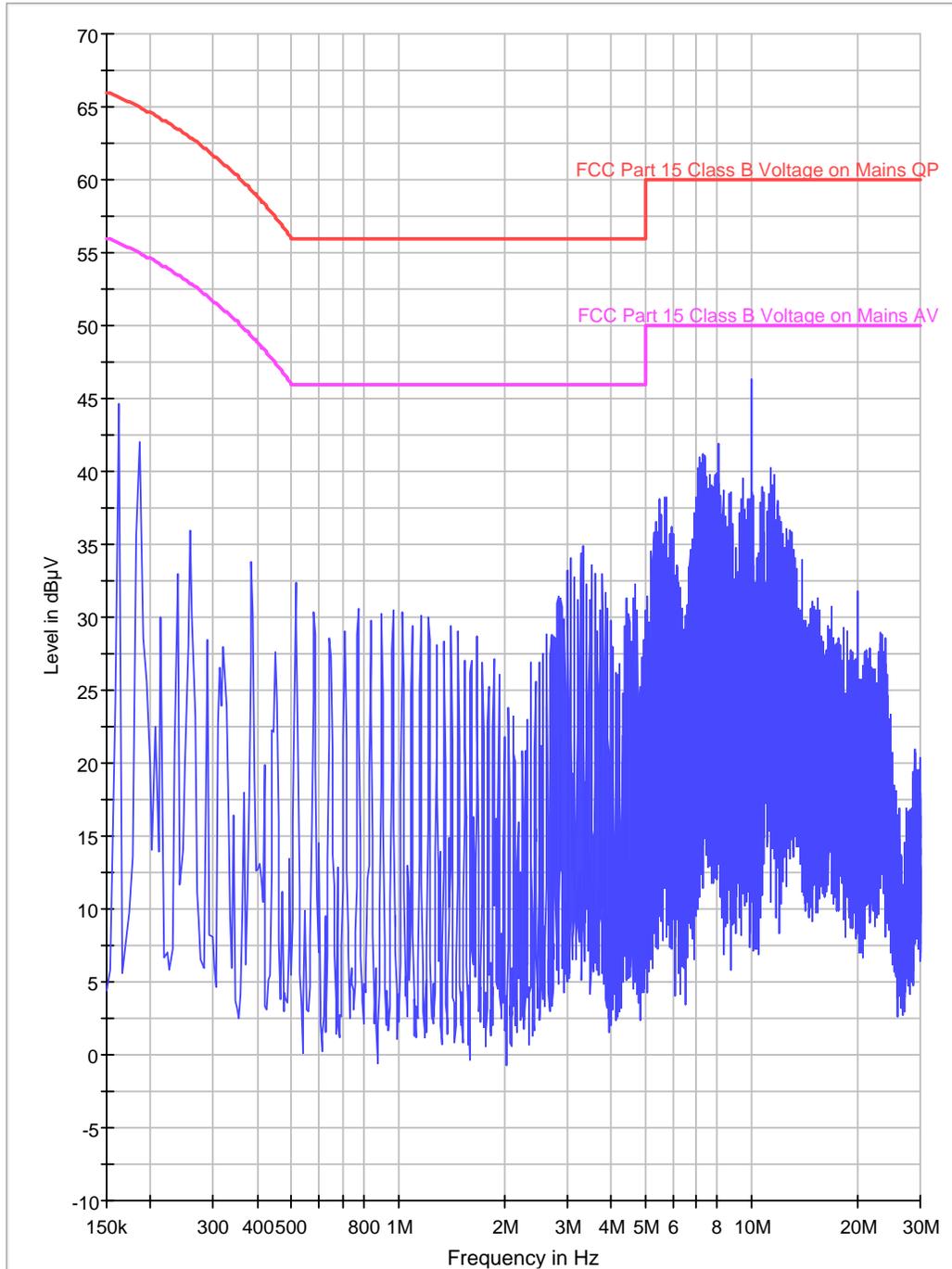
Scan Setup: EMI Conducted Scan latest FCC Peak det - 3816 LISN [EMI conducted]

Hardware Setup: Hardware Setup latest FCC class B - 3816 LISN
 Level Unit: dBµV

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
150 kHz - 30 MHz	MaxPeak	9 kHz	0.001 s	ESIB 40



Auto Merge Results



Radio off Line



Result Table_Single Radio off Line

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.162000	---	34.7	6.9	---	---	---	---	---	1.000
0.186000	---	35.6	23.0	---	---	---	---	---	1.000
0.258000	---	38.3	33.1	---	---	---	---	---	1.000
0.386000	---	33.8	32.1	---	---	---	---	---	1.000
8.046000	---	41.0	36.5	---	---	---	---	---	1.000
10.002000	---	45.5	45.4	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

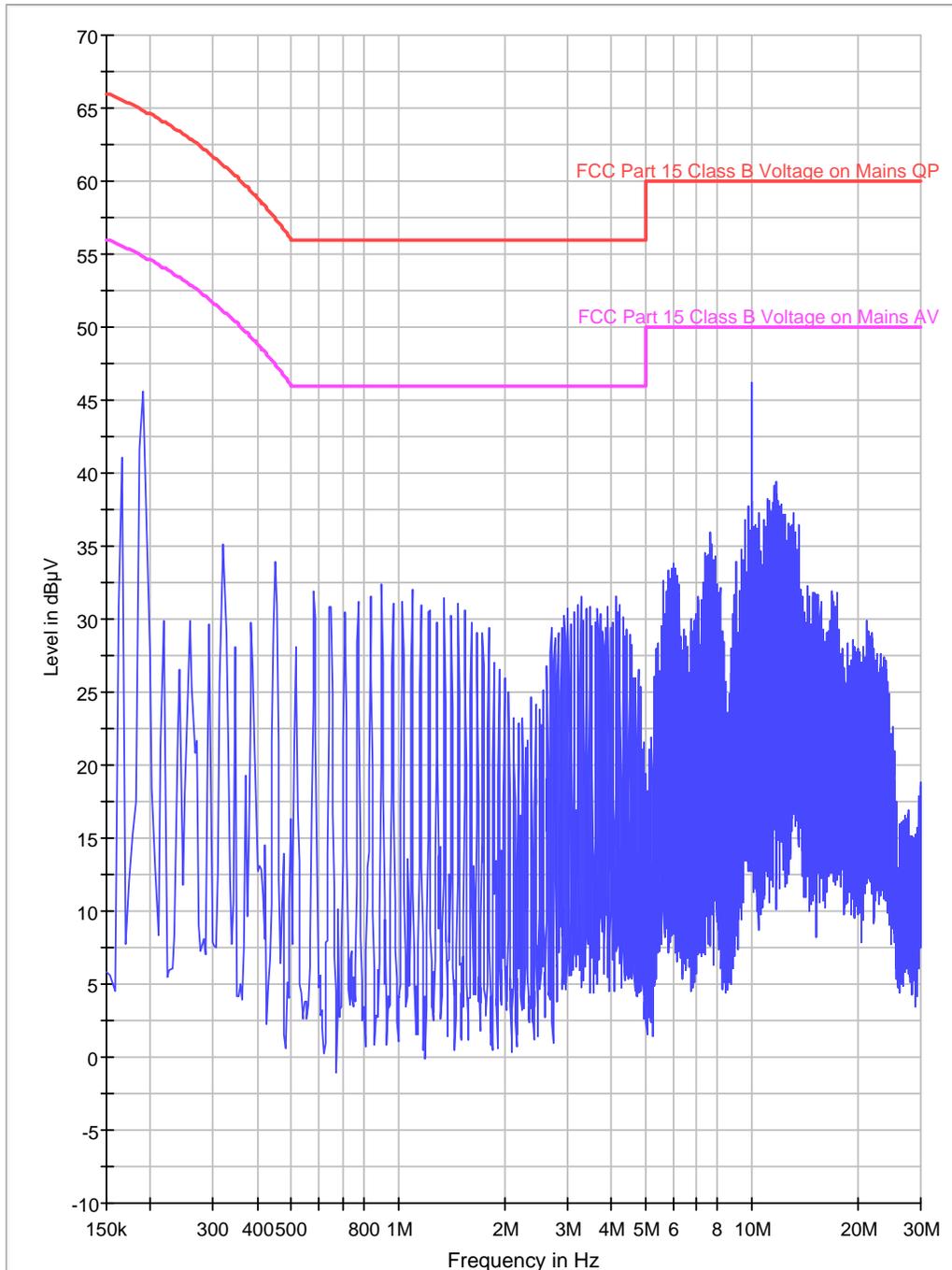
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.162000	9.000	FL	L1	0.0
0.186000	9.000	FL	L1	0.0
0.258000	9.000	FL	L1	0.0
0.386000	9.000	FL	L1	0.0
8.046000	9.000	FL	L1	0.4
10.002000	9.000	FL	L1	0.5

Limits Radio off Line

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
162000	34.70	65.66	30.96	6.90	55.66	48.76	L1
186000	35.60	64.97	29.37	23.00	54.97	31.97	L1
258000	38.30	62.90	24.60	33.10	52.90	19.80	L1
386000	33.80	59.22	25.42	32.10	49.22	17.12	L1
5MHz - 30MHz							
8046000	41.0000	60.0000	19.0000	36.5000	50.0000	13.5000	L1
10002000	45.5000	60.0000	14.5000	45.4000	50.0000	4.6000	L1



Auto Merge Results



Radio off Neutral



Result Table_Single Radio off Neutral

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.166000	---	34.5	9.3	---	---	---	---	---	1.000
0.190000	---	44.0	36.2	---	---	---	---	---	1.000
0.322000	---	37.0	33.9	---	---	---	---	---	1.000
0.450000	---	34.9	33.5	---	---	---	---	---	1.000
10.002000	---	45.9	45.6	---	---	---	---	---	1.000
11.782000	---	37.8	35.8	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

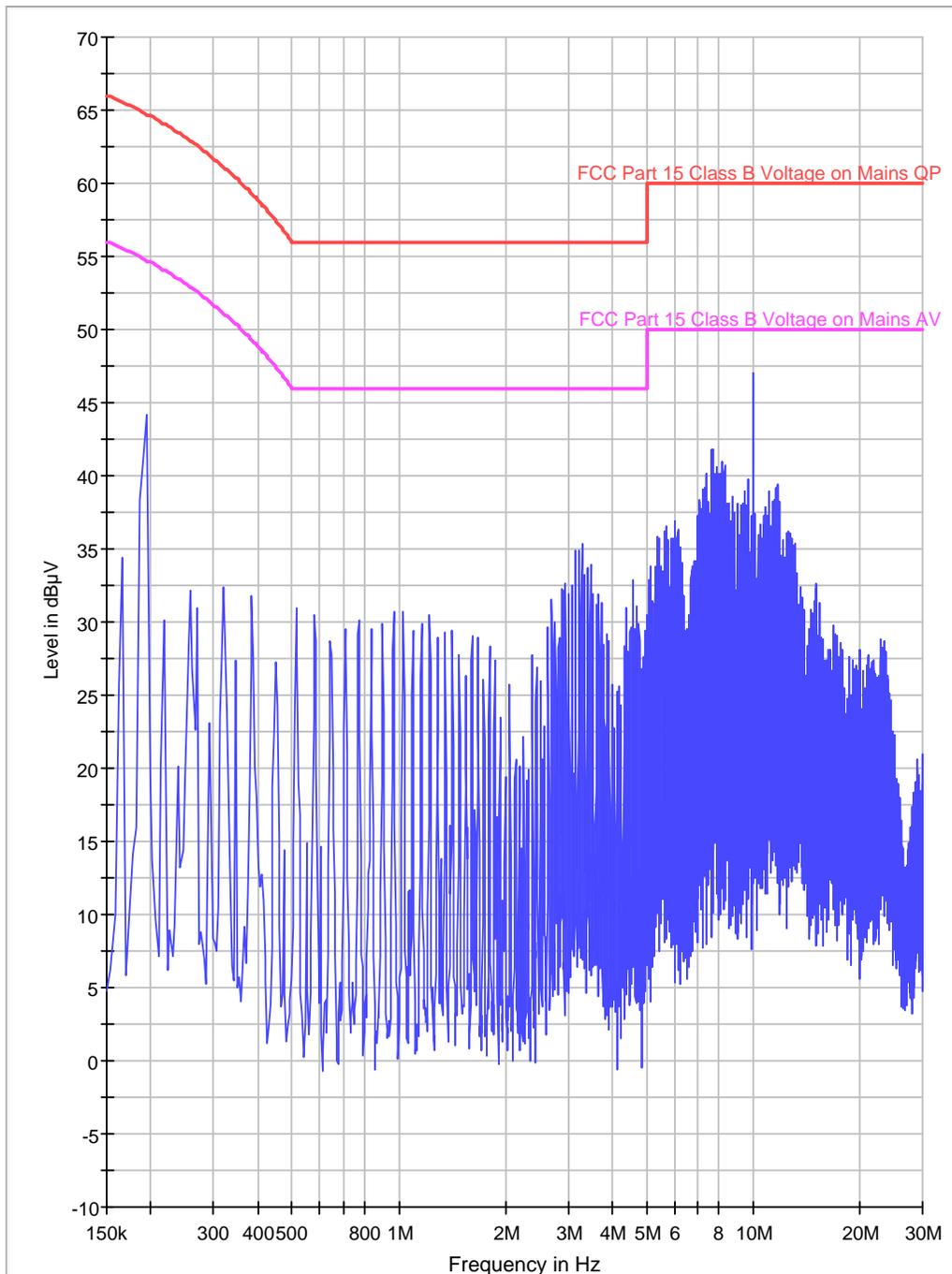
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.166000	9.000	FL	N	0.0
0.190000	9.000	FL	N	0.0
0.322000	9.000	FL	N	0.0
0.450000	9.000	FL	N	0.0
10.002000	9.000	FL	N	0.6
11.782000	9.000	FL	N	0.6

Limits Radio off Neutral

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
166000	34.50	65.54	31.04	9.30	55.54	46.24	N
190000	44.00	64.85	20.85	36.20	54.85	18.65	N
322000	37.00	61.06	24.06	33.90	51.06	17.16	N
450000	34.90	57.38	22.48	33.50	47.38	13.88	N
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
10002000	45.9000	60.0000	14.1000	45.6000	50.0000	4.4000	N
11782000	37.8000	60.0000	22.2000	35.8000	50.0000	14.2000	N



Auto Merge Results



RX – 764.0625 MHz Line



Result Table_Single RX – 764.0625 MHz Line

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.194000	---	43.7	33.8	---	---	---	---	---	1.000
3.282000	---	34.8	33.2	---	---	---	---	---	1.000
7.722000	---	39.9	35.8	---	---	---	---	---	1.000
8.170000	---	39.6	35.5	---	---	---	---	---	1.000
9.714000	---	38.2	32.6	---	---	---	---	---	1.000
10.002000	---	46.5	46.3	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

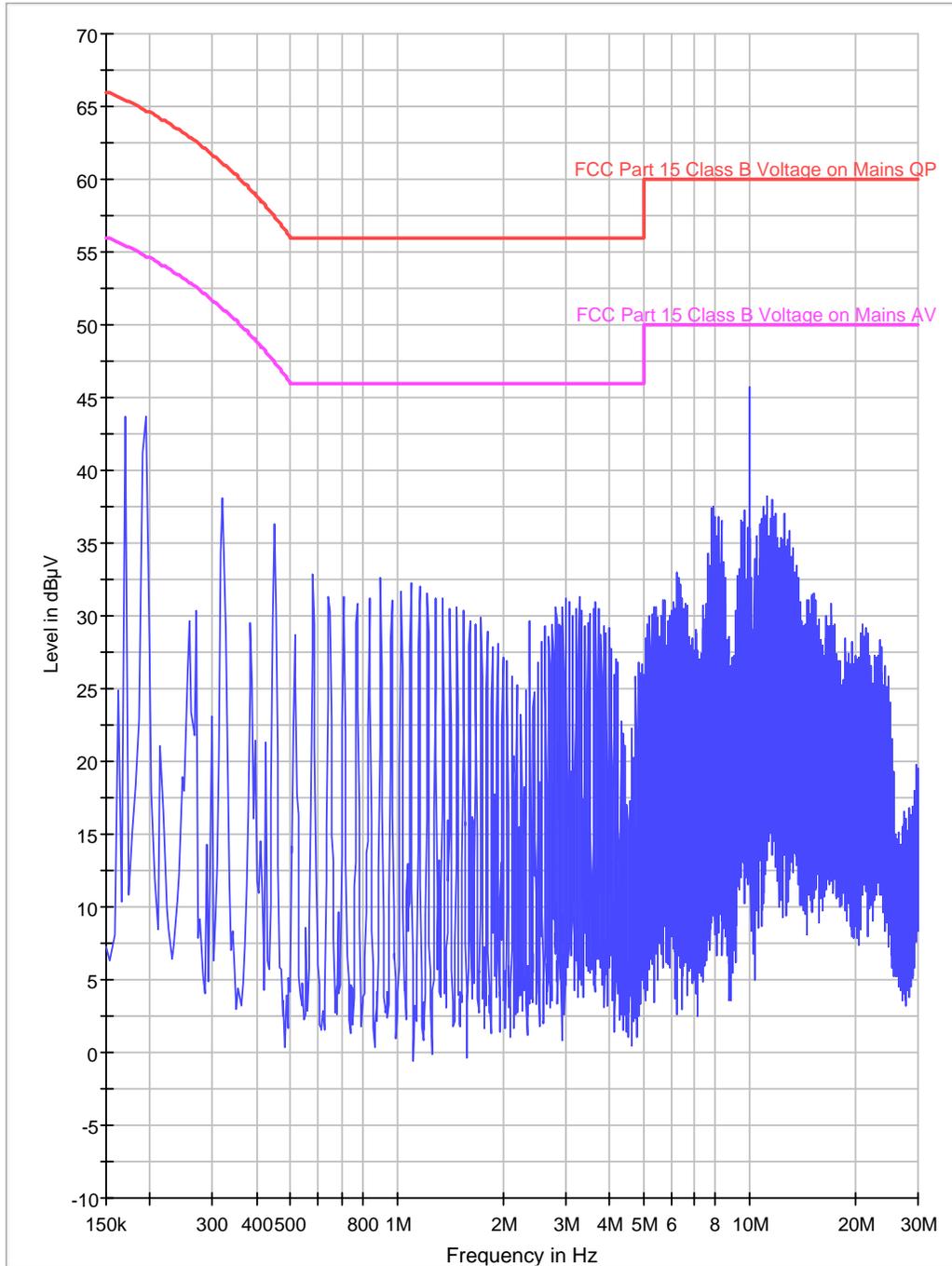
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.194000	9.000	FL	L1	0.0
3.282000	9.000	FL	L1	0.3
7.722000	9.000	FL	L1	0.4
8.170000	9.000	FL	L1	0.4
9.714000	9.000	FL	L1	0.5
10.002000	9.000	FL	L1	0.5

Limits RX – 764.0625 MHz Line

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
194000	43.70	64.74	21.04	33.80	54.74	20.94	L1
500kHz - 5MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
3282000	34.80	56.00	21.20	33.20	46.00	12.80	L1
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
7722000	39.9000	60.0000	20.1000	35.8000	50.0000	14.2000	L1
8170000	39.6000	60.0000	20.4000	35.5000	50.0000	14.5000	L1
9714000	38.2000	60.0000	21.8000	32.6000	50.0000	17.4000	L1
10002000	46.5000	60.0000	13.5000	46.3000	50.0000	3.7000	L1



Auto Merge Results



RX – 764.0625 MHz Neutral



Result Table_Single RX – 764.0625 MHz Neutral

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.170000	---	31.5	7.9	---	---	---	---	---	1.000
0.194000	---	43.7	37.1	---	---	---	---	---	1.000
0.322000	---	36.4	33.9	---	---	---	---	---	1.000
0.450000	---	34.8	33.6	---	---	---	---	---	1.000
10.002000	---	45.2	44.9	---	---	---	---	---	1.000
11.258000	---	34.8	31.9	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

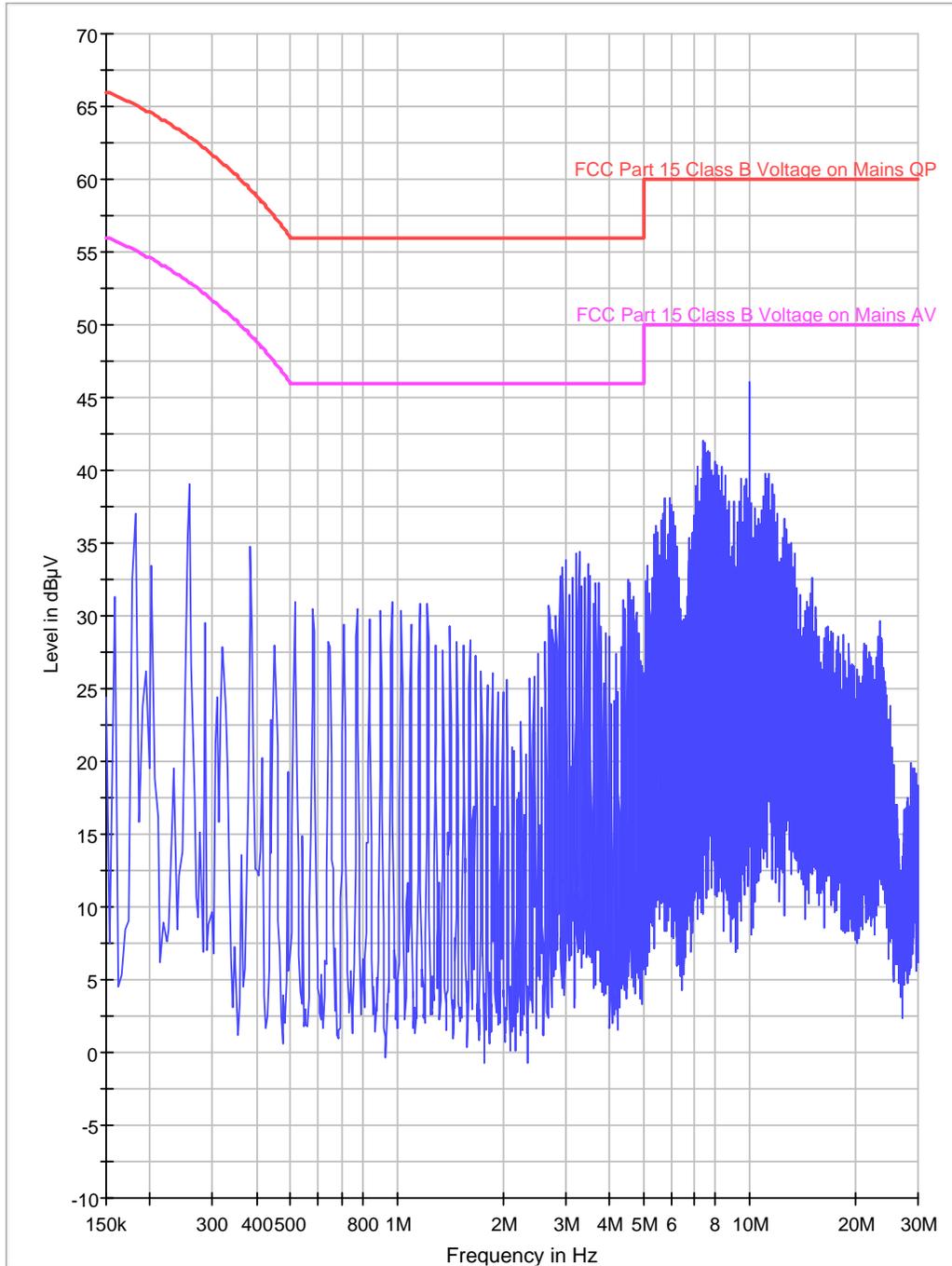
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.170000	9.000	FL	N	0.0
0.194000	9.000	FL	N	0.0
0.322000	9.000	FL	N	0.0
0.450000	9.000	FL	N	0.0
10.002000	9.000	FL	N	0.6
11.258000	9.000	FL	N	0.6

Limits RX – 764.0625 MHz Neutral

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
170000	31.50	65.43	33.93	7.90	55.43	47.53	N
194000	43.70	64.74	21.04	37.10	54.74	17.64	N
322000	36.40	61.06	24.66	33.90	51.06	17.16	N
450000	34.80	57.38	22.58	33.60	47.38	13.78	N
5MHz - 30MHz							
10002000	45.2000	60.0000	14.8000	44.9000	50.0000	5.1000	N
11258000	34.8000	60.0000	25.2000	31.9000	50.0000	18.1000	N



Auto Merge Results



RX – 775.9875 MHz Line



Result Table_Single RX – 775.9875 MHz Line

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.182000	---	32.1	16.3	---	---	---	---	---	1.000
0.258000	---	37.8	33.2	---	---	---	---	---	1.000
0.386000	---	33.6	32.2	---	---	---	---	---	1.000
7.402000	---	40.5	36.0	---	---	---	---	---	1.000
7.726000	---	39.9	34.6	---	---	---	---	---	1.000
10.002000	---	45.4	45.3	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

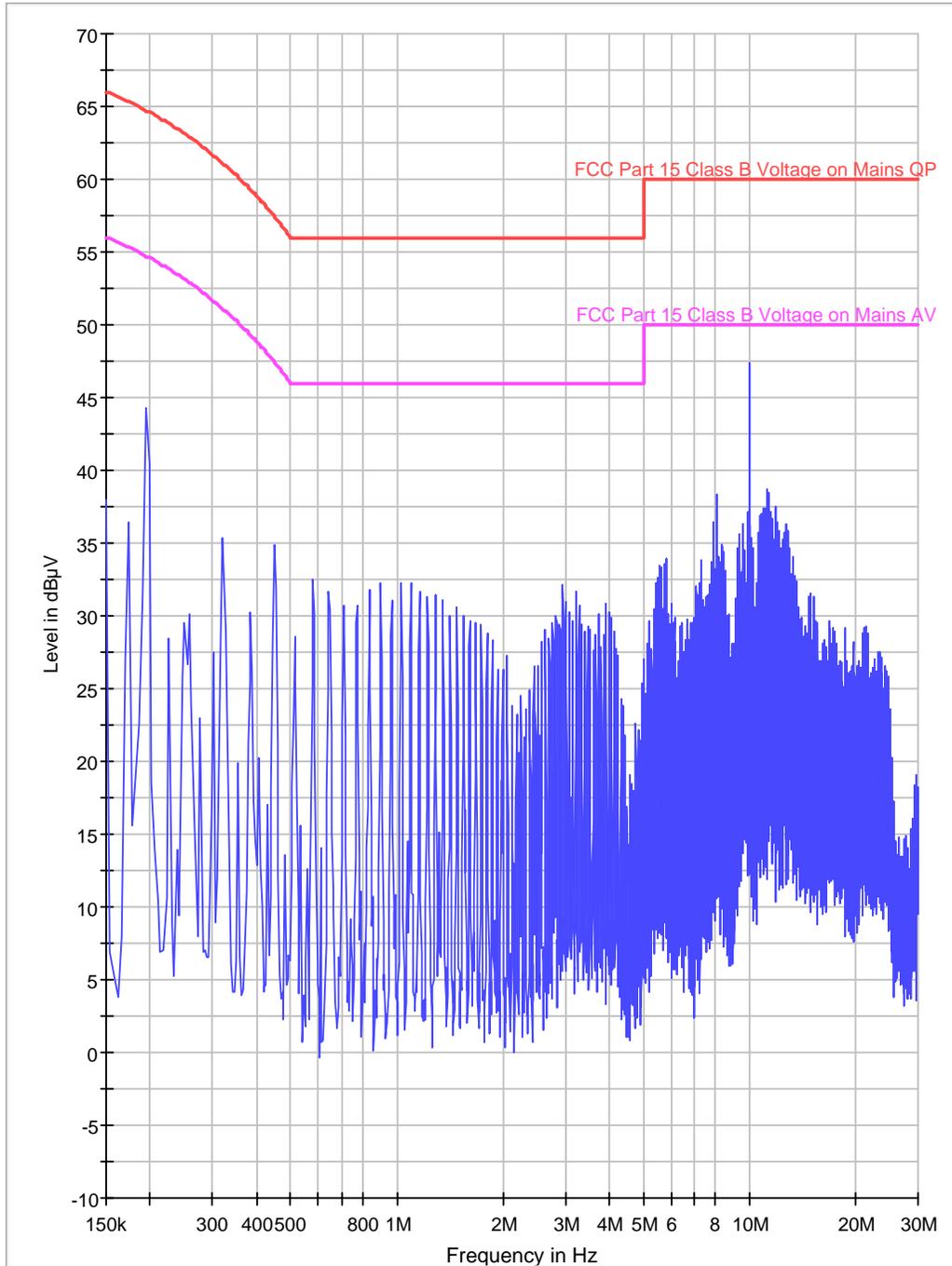
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.182000	9.000	FL	L1	0.0
0.258000	9.000	FL	L1	0.0
0.386000	9.000	FL	L1	0.0
7.402000	9.000	FL	L1	0.4
7.726000	9.000	FL	L1	0.4
10.002000	9.000	FL	L1	0.5

Limits RX – 775.9875 MHz Line

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
182000	32.10	65.08	32.98	16.30	55.08	38.78	L1
258000	37.80	62.90	25.10	33.20	52.90	19.70	L1
386000	33.60	59.22	25.62	32.20	49.22	17.02	L1
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
7402000	40.5000	60.0000	19.5000	36.0000	50.0000	14.0000	L1
7726000	39.9000	60.0000	20.1000	34.6000	50.0000	15.4000	L1
10002000	45.4000	60.0000	14.6000	45.3000	50.0000	4.7000	L1



Auto Merge Results



RX – 775.9875 MHz Neutral



Result Table_Single RX – 775.9875 MHz Neutral

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.174000	---	32.2	9.4	---	---	---	---	---	1.000
0.194000	---	43.6	37.1	---	---	---	---	---	1.000
8.106000	---	37.1	33.0	---	---	---	---	---	1.000
10.002000	---	46.1	46.4	---	---	---	---	---	1.000
11.262000	---	37.9	31.3	---	---	---	---	---	1.000
11.842000	---	36.5	24.9	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

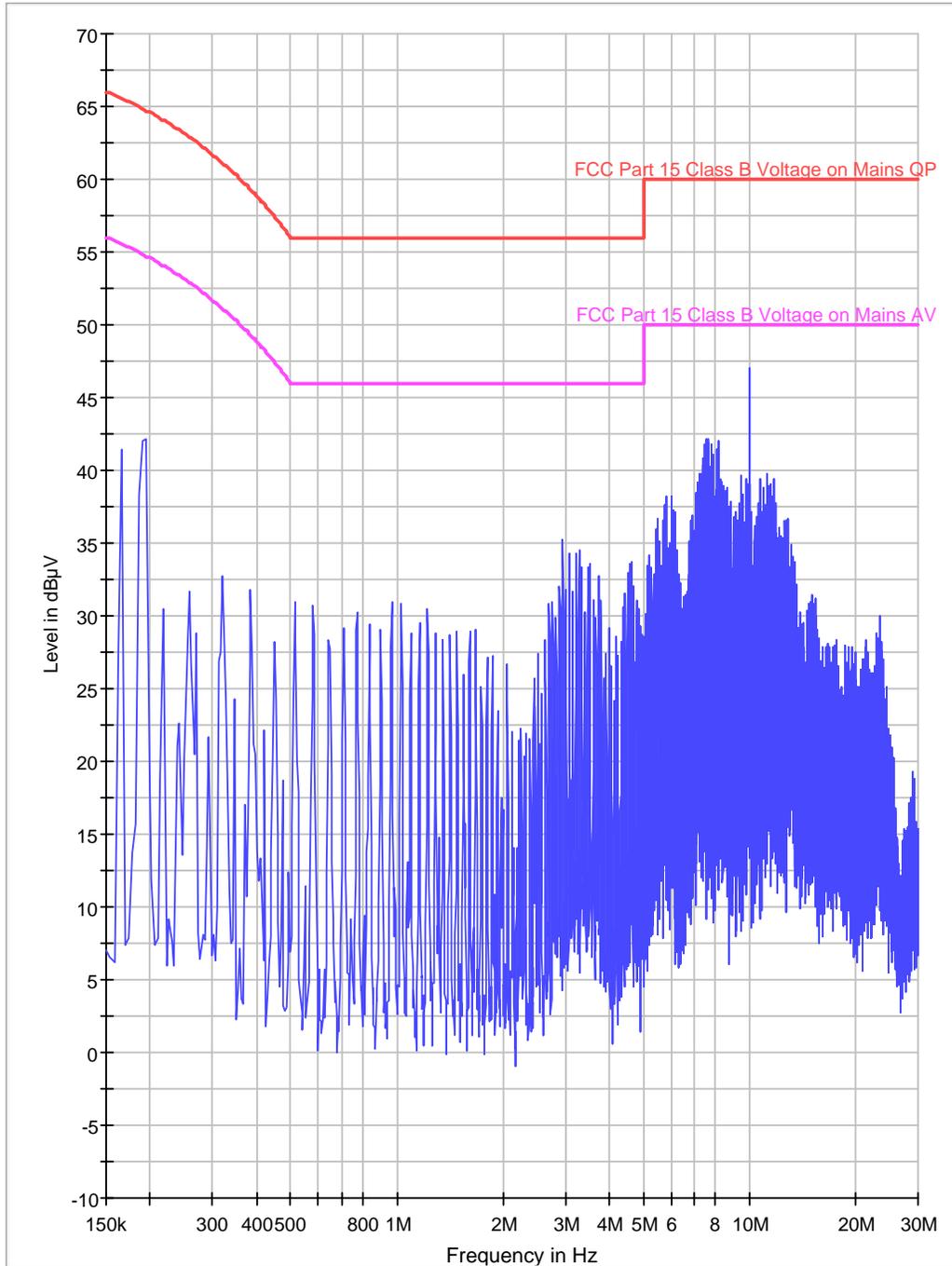
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.174000	9.000	FL	N	0.0
0.194000	9.000	FL	N	0.0
8.106000	9.000	FL	N	0.5
10.002000	9.000	FL	N	0.6
11.262000	9.000	FL	N	0.6
11.842000	9.000	FL	N	0.7

Limits RX – 775.9875 MHz Neutral

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
174000	32.20	65.31	33.11	9.40	55.31	45.91	N
194000	43.60	64.74	21.14	37.10	54.74	17.64	N
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
8106000	37.1000	60.0000	22.9000	33.0000	50.0000	17.0000	N
10002000	46.1000	60.0000	13.9000	46.4000	50.0000	3.6000	N
11262000	37.9000	60.0000	22.1000	31.3000	50.0000	18.7000	N
11842000	36.5000	60.0000	23.5000	24.9000	50.0000	25.1000	N



Auto Merge Results



TX – 764.0125 MHz Line



Result Table_Single TX – 764.0125 MHz Line

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.166000	---	34.1	7.5	---	---	---	---	---	1.000
0.194000	---	43.5	33.7	---	---	---	---	---	1.000
7.530000	---	41.1	35.5	---	---	---	---	---	1.000
7.854000	---	40.2	35.2	---	---	---	---	---	1.000
8.174000	---	41.4	36.9	---	---	---	---	---	1.000
10.002000	---	46.3	46.2	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

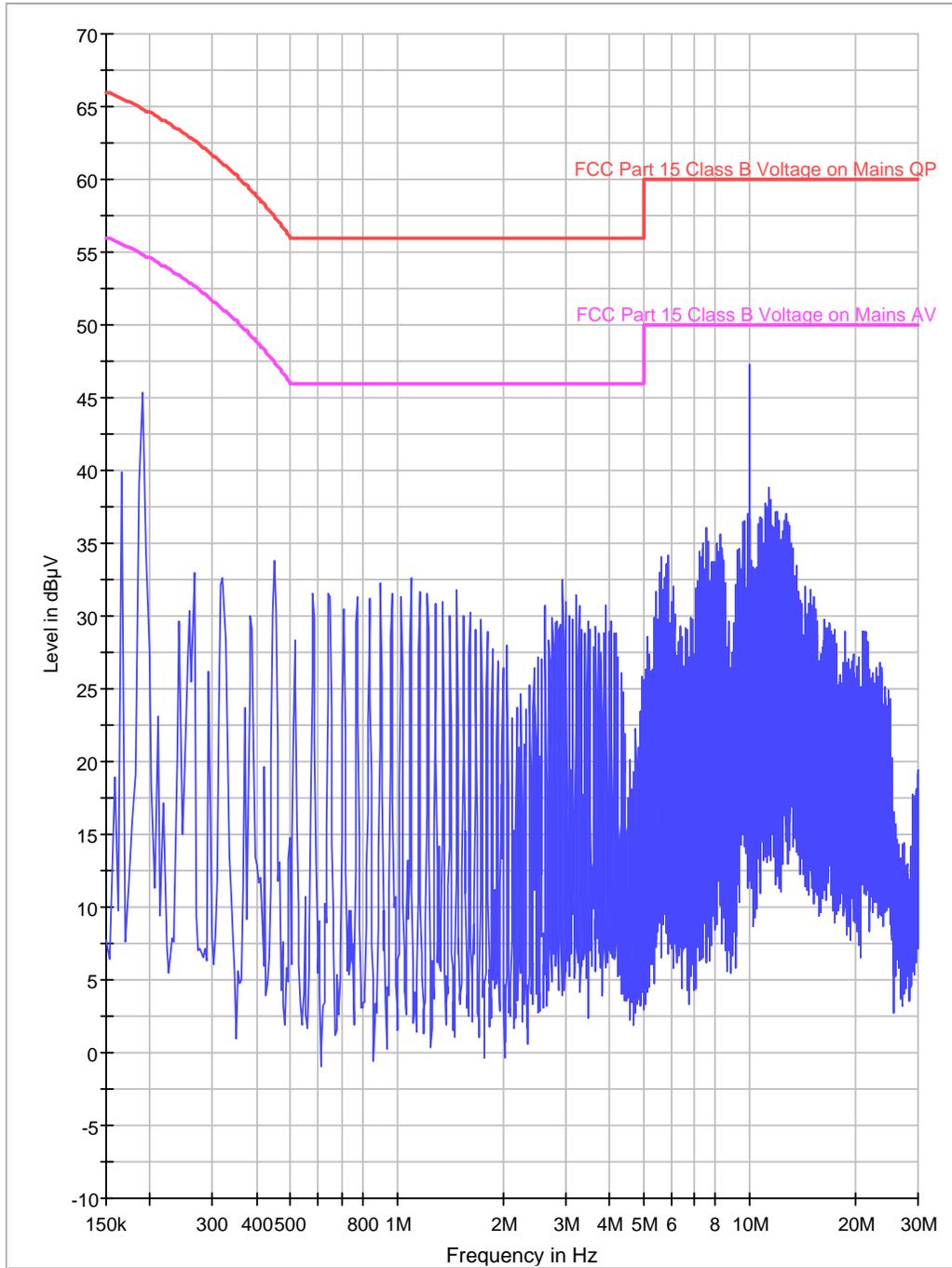
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.166000	9.000	FL	L1	0.0
0.194000	9.000	FL	L1	0.0
7.530000	9.000	FL	L1	0.4
7.854000	9.000	FL	L1	0.4
8.174000	9.000	FL	L1	0.4
10.002000	9.000	FL	L1	0.5

Limits TX – 764.0125 MHz Line

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
166000	34.10	65.54	31.44	7.50	55.54	48.04	L1
194000	43.50	64.74	21.24	33.70	54.74	21.04	L1
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
7530000	41.1000	60.0000	18.9000	35.5000	50.0000	14.5000	L1
7854000	40.2000	60.0000	19.8000	35.2000	50.0000	14.8000	L1
8174000	41.4000	60.0000	18.6000	36.9000	50.0000	13.1000	L1
10002000	46.3000	60.0000	13.7000	46.2000	50.0000	3.8000	L1



Auto Merge Results





TX – 764.0125 MHz Neutral

Result Table_Single TX – 764.0125 MHz Neutral

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.166000	---	33.7	7.1	---	---	---	---	---	1.000
0.190000	---	41.6	34.9	---	---	---	---	---	1.000
7.534000	---	30.1	21.6	---	---	---	---	---	1.000
10.002000	---	45.1	45.4	---	---	---	---	---	1.000
11.390000	---	37.9	31.7	---	---	---	---	---	1.000
11.518000	---	37.9	35.4	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

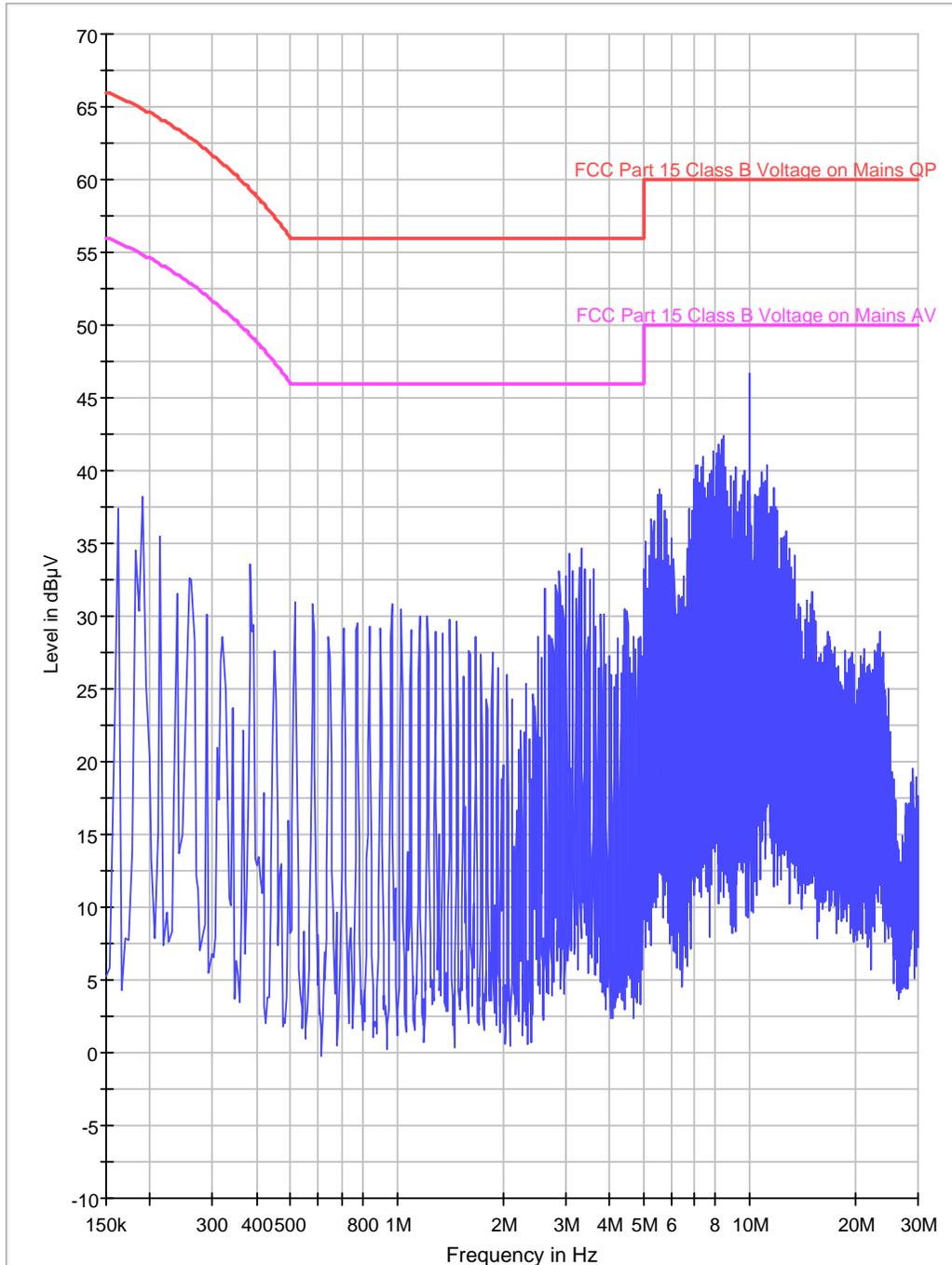
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.166000	9.000	FL	N	0.0
0.190000	9.000	FL	N	0.0
7.534000	9.000	FL	N	0.5
10.002000	9.000	FL	N	0.6
11.390000	9.000	FL	N	0.6
11.518000	9.000	FL	N	0.6

Limits TX – 764.0125 MHz Neutral

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
166000	33.70	65.54	31.84	7.10	55.54	48.44	N
190000	41.60	64.85	23.25	34.90	54.85	19.95	N
5MHz - 30MHz							
7534000	30.1000	60.0000	29.9000	21.6000	50.0000	28.4000	N
10002000	45.1000	60.0000	14.9000	45.4000	50.0000	4.6000	N
11390000	37.9000	60.0000	22.1000	31.7000	50.0000	18.3000	N
11518000	37.9000	60.0000	22.1000	35.4000	50.0000	14.6000	N



Auto Merge Results





TX – 775.9875 MHz Line

Result Table_Single TX – 775.9875 MHz Line

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
7.078000	---	27.5	14.0	---	---	---	---	---	1.000
7.338000	---	25.4	18.8	---	---	---	---	---	1.000
7.910000	---	30.0	24.6	---	---	---	---	---	1.000
8.430000	---	33.2	20.8	---	---	---	---	---	1.000
9.998000	---	47.4	46.9	---	---	---	---	---	1.000
11.258000	---	25.0	16.0	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

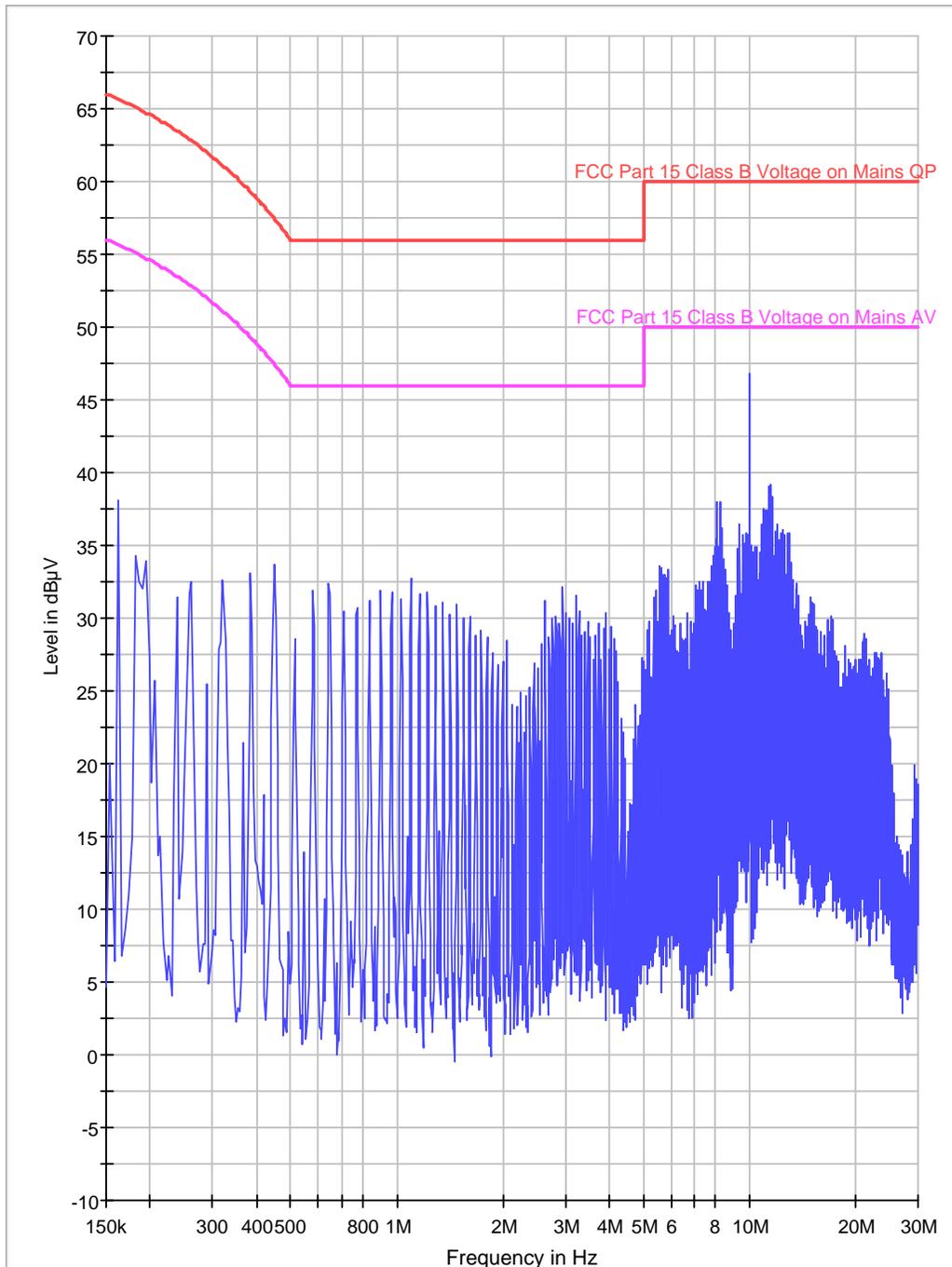
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
7.078000	9.000	FL	L1	0.4
7.338000	9.000	FL	L1	0.4
7.910000	9.000	FL	L1	0.4
8.430000	9.000	FL	L1	0.4
9.998000	9.000	FL	L1	0.5
11.258000	9.000	FL	L1	0.5

Limits TX – 775.9875 MHz Line

Frequency	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
5MHz - 30MHz							
7078000	27.5000	60.0000	32.5000	14.0000	50.0000	36.0000	L1
7338000	25.4000	60.0000	34.6000	18.8000	50.0000	31.2000	L1
7910000	30.0000	60.0000	30.0000	24.6000	50.0000	25.4000	L1
8430000	33.2000	60.0000	26.8000	20.8000	50.0000	29.2000	L1
9998000	47.4000	60.0000	12.6000	46.9000	50.0000	3.1000	L1
11258000	25.0000	60.0000	35.0000	16.0000	50.0000	34.0000	L1



Auto Merge Results





TX – 775.9875 MHz Neutral

Result Table_Single TX – 775.9875 MHz Neutral

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.162000	---	34.4	9.1	---	---	---	---	---	1.000
8.106000	---	37.2	33.0	---	---	---	---	---	1.000
8.362000	---	35.6	31.4	---	---	---	---	---	1.000
10.002000	---	46.0	46.3	---	---	---	---	---	1.000
11.390000	---	38.3	32.0	---	---	---	---	---	1.000
11.518000	---	37.4	24.5	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

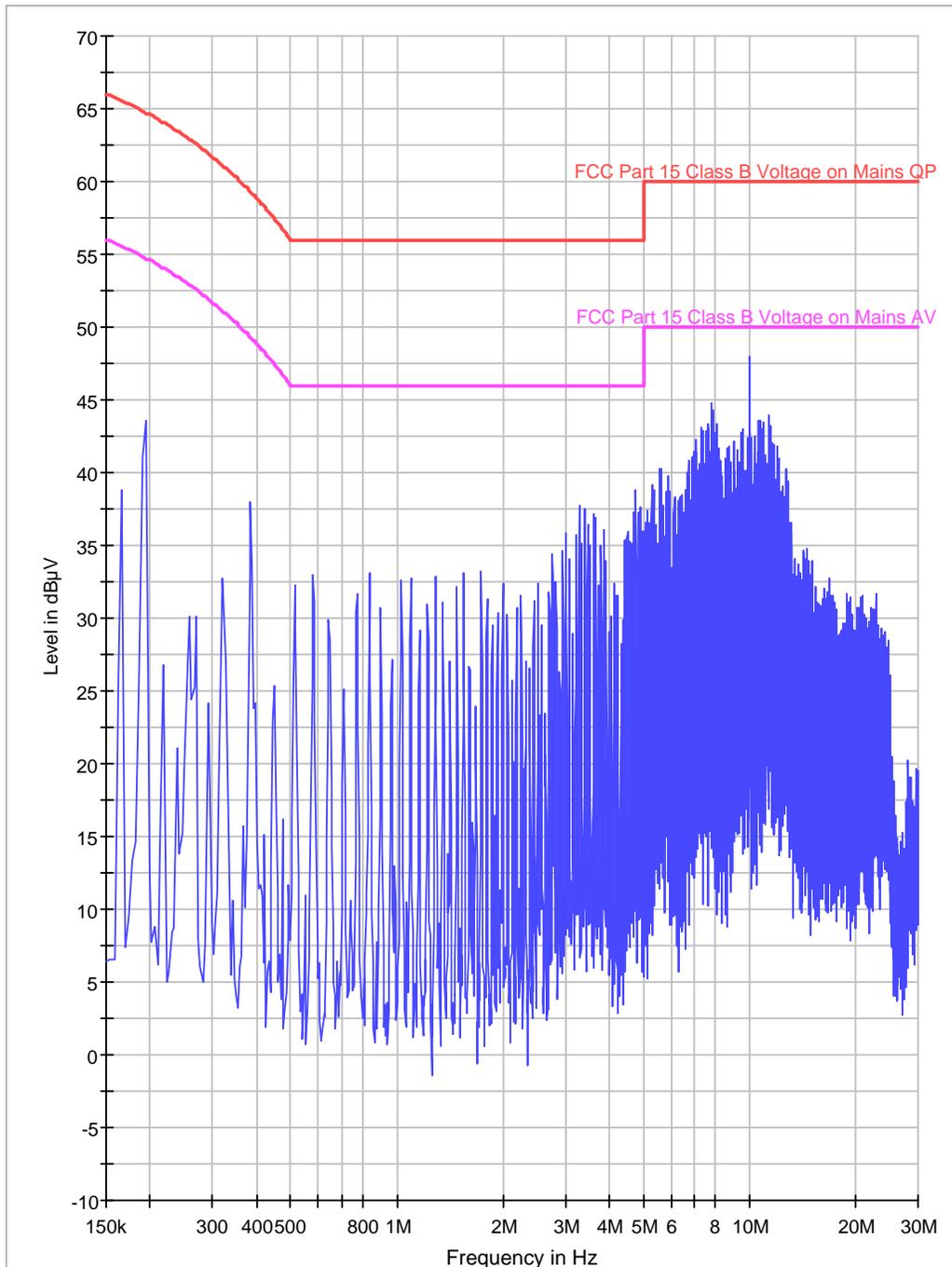
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.162000	9.000	FL	N	0.0
8.106000	9.000	FL	N	0.5
8.362000	9.000	FL	N	0.5
10.002000	9.000	FL	N	0.6
11.390000	9.000	FL	N	0.6
11.518000	9.000	FL	N	0.6

Limits TX – 775.9875 MHz Neutral

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
162000	34.40	65.66	31.26	9.10	55.66	46.56	N
5MHz - 30MHz							
8106000	37.2000	60.0000	22.8000	33.0000	50.0000	17.0000	N
8362000	35.6000	60.0000	24.4000	31.4000	50.0000	18.6000	N
10002000	46.0000	60.0000	14.0000	46.3000	50.0000	3.7000	N
11390000	38.3000	60.0000	21.7000	32.0000	50.0000	18.0000	N
11518000	37.4000	60.0000	22.6000	24.5000	50.0000	25.5000	N



Auto Merge Results





TX – 794.0125 MHz Line

Result Table_Single TX – 794.0125 MHz Line

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.166000	---	34.8	8.3	---	---	---	---	---	1.000
0.194000	---	45.1	33.1	---	---	---	---	---	1.000
0.386000	---	36.3	35.4	---	---	---	---	---	1.000
7.786000	---	42.7	38.0	---	---	---	---	---	1.000
10.002000	---	47.6	47.7	---	---	---	---	---	1.000
11.326000	---	40.5	32.5	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.166000	9.000	FL	L1	0.0
0.194000	9.000	FL	L1	0.0
0.386000	9.000	FL	L1	0.0
7.786000	9.000	FL	L1	0.4
10.002000	9.000	FL	L1	0.5
11.326000	9.000	FL	L1	0.5

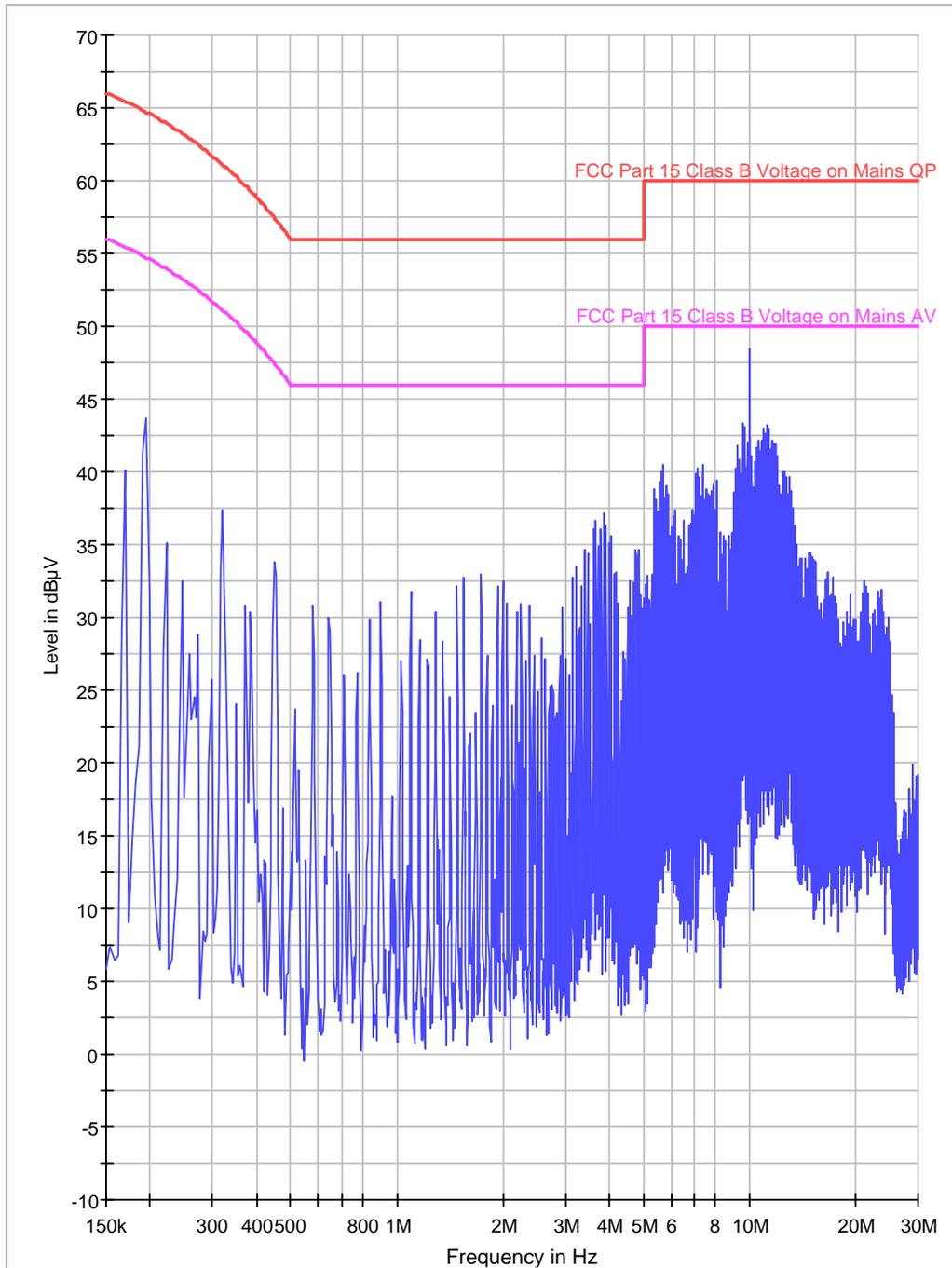
Limits TX – 794.0125 MHz Line

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
166000	34.80	65.54	30.74	8.30	55.54	47.24	L1
194000	45.10	64.74	19.64	33.10	54.74	21.64	L1
386000	36.30	59.22	22.92	35.40	49.22	13.82	L1
5MHz - 30MHz							
7786000	42.7000	60.0000	17.3000	38.0000	50.0000	12.0000	L1
10002000	47.6000	60.0000	12.4000	47.7000	50.0000	2.3000	L1
11326000	40.5000	60.0000	19.5000	32.5000	50.0000	17.5000	L1



MOTOROLA

FCC ID: AZ489FT5863



TX – 794.0125 MHz Neutral



Result Table_Single TX – 794.0125 MHz Neutral

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.170000	---	33.7	8.8	---	---	---	---	---	1.000
0.194000	---	45.3	36.9	---	---	---	---	---	1.000
0.322000	---	36.4	31.8	---	---	---	---	---	1.000
9.594000	---	41.1	34.8	---	---	---	---	---	1.000
10.002000	---	45.9	45.9	---	---	---	---	---	1.000
11.266000	---	41.9	28.6	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.170000	9.000	FL	N	0.0
0.194000	9.000	FL	N	0.0
0.322000	9.000	FL	N	0.0
9.594000	9.000	FL	N	0.6
10.002000	9.000	FL	N	0.6
11.266000	9.000	FL	N	0.6

Limits TX – 794.0125 MHz Neutral

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
170000	33.70	65.43	31.73	8.80	55.43	46.63	N
194000	45.30	64.74	19.44	36.90	54.74	17.84	N
322000	36.40	61.06	24.66	31.80	51.06	19.26	N
5MHz - 30MHz							
9594000	41.1000	60.0000	18.9000	34.8000	50.0000	15.2000	N
10002000	45.9000	60.0000	14.1000	45.9000	50.0000	4.1000	N
11266000	41.9000	60.0000	18.1000	28.6000	50.0000	21.4000	N



A/C Power Line Conducted Emissions for APX6000 with Bluetooth On.

Common Information

Test Information

EUT Name: Mackinaw Portable APX6000 NUF 1003
 Serial Number: A0121
 FCC ID: AZ489FT5863
 Test Description: A/C Power Line Conducted Emissions
 Operating Conditions: Room temp
 Operator Name: Mac Elliott
 Comment: Charger – NNTN7079A Power Supply – 2571886T01

Hardware Setup: EMI conducted\Hardware Setup latest FCC class B - 3816 LISN - [EMI conducted]

Subrange 1
 Frequency Range: 150 kHz - 30 MHz
 Receiver: ESIB 40 [ESIB 40]
 @ GPIB0 (ADR 29), SN 100308/040, FW 4.35
 Signal Path: Cable 88
 FW 1.0
 LISN: Correction Table: Cable 88 - Cal 3_10
 3816 LISN
 Correction Table (Line 0): 2-Line-LISN EMCO 3816 Line N
 Correction Table (Line 1): 2-Line-LISN EMCO 3816 Line 1

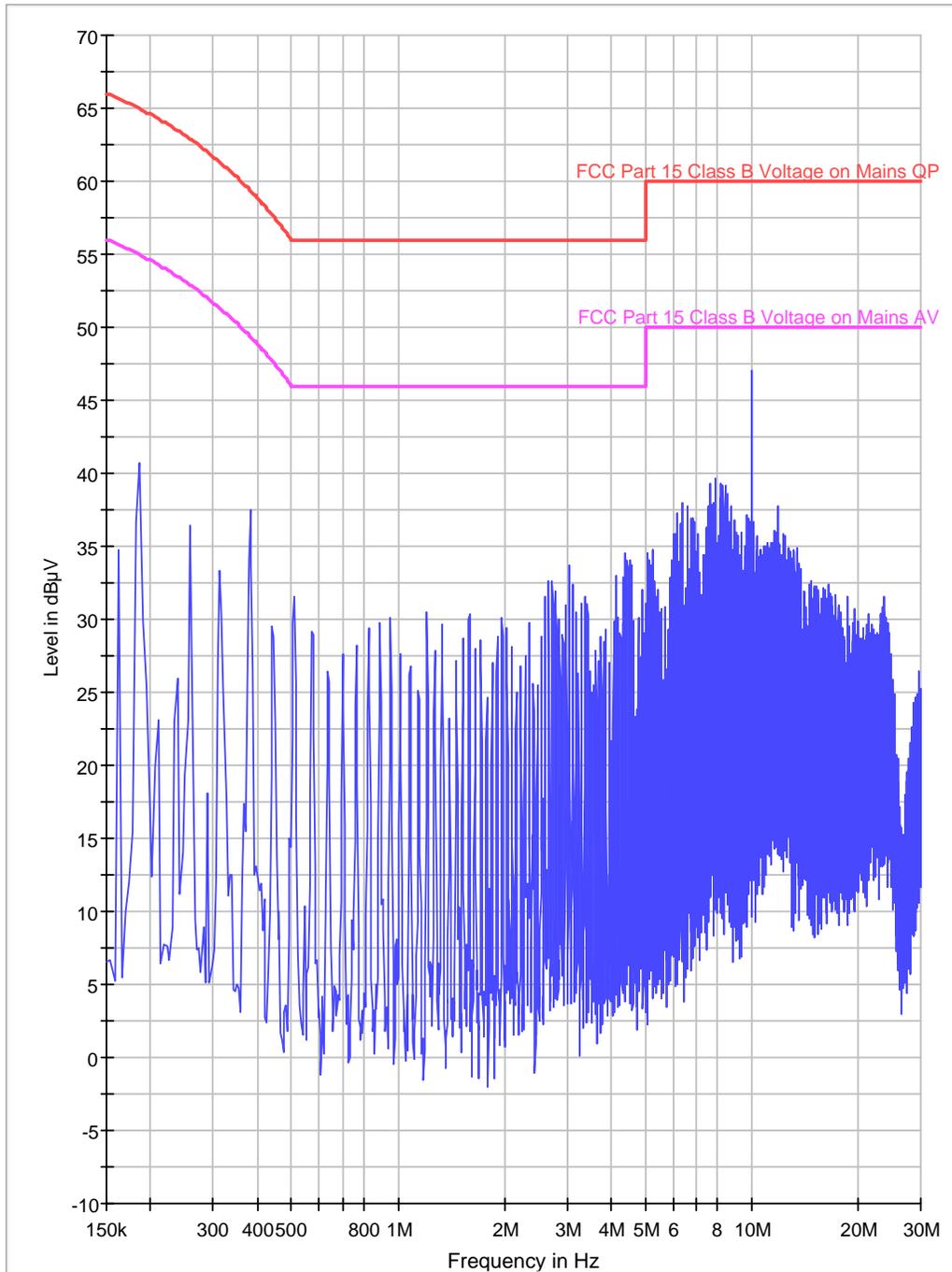
Scan Setup: EMI Conducted Scan latest FCC Peak det - 3816 LISN [EMI conducted]

Hardware Setup: Hardware Setup latest FCC class B - 3816 LISN
 Level Unit: dBµV

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
150 kHz - 30 MHz	MaxPeak	9 kHz	0.001 s	ESIB 40



Auto Merge Results



Radio off Line



Result Table_Single Radio off Line

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.186000	---	38.7	27.1	---	---	---	---	---	1.000
0.258000	---	36.2	26.1	---	---	---	---	---	1.000
0.382000	---	37.5	36.9	---	---	---	---	---	1.000
0.510000	---	32.4	31.6	---	---	---	---	---	1.000
7.898000	---	26.0	13.3	---	---	---	---	---	1.000
10.002000	---	45.7	46.0	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

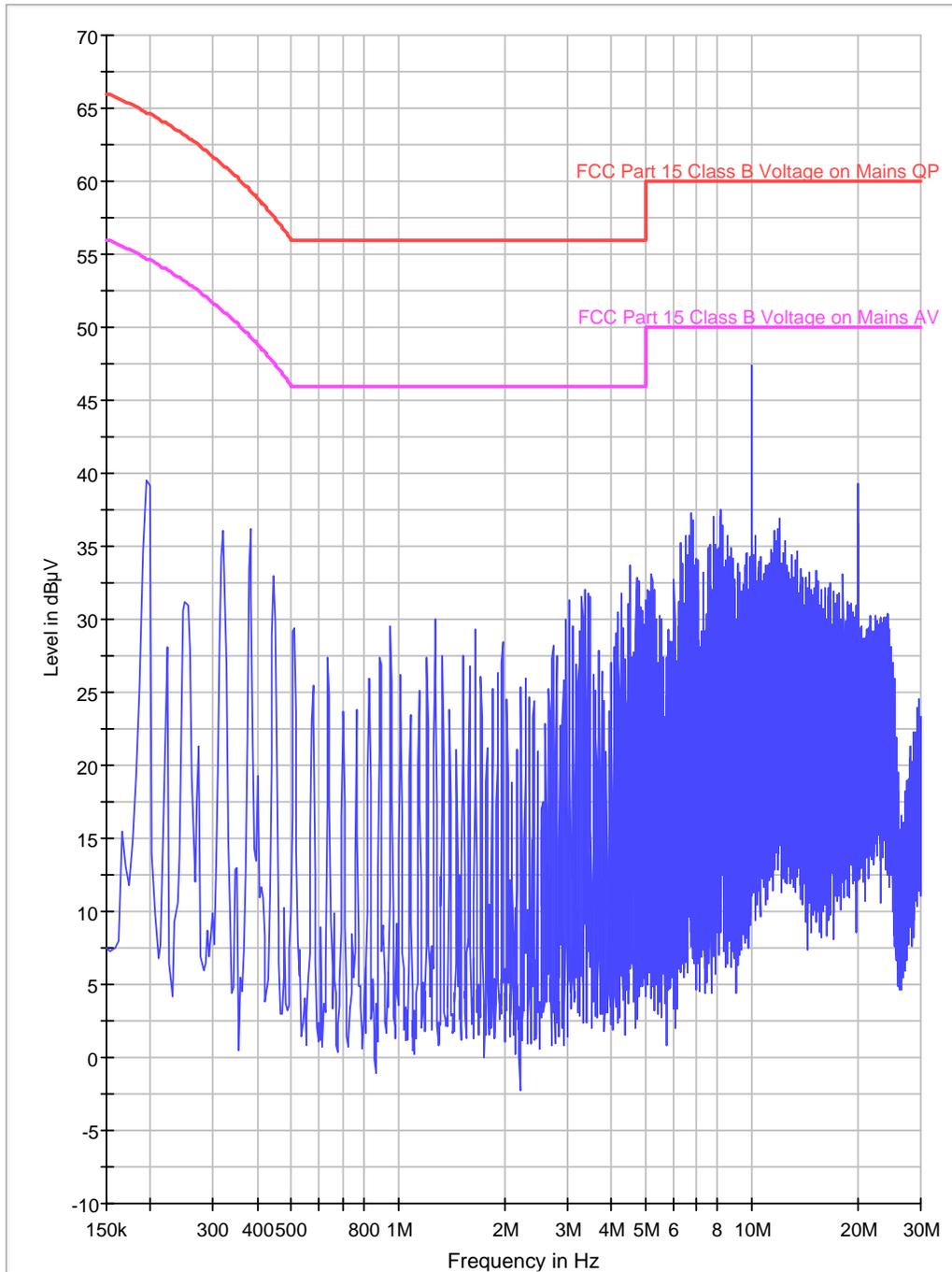
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.186000	9.000	FL	L1	0.0
0.258000	9.000	FL	L1	0.0
0.382000	9.000	FL	L1	0.0
0.510000	9.000	FL	L1	0.0
7.898000	9.000	FL	L1	0.4
10.002000	9.000	FL	L1	0.5

Limits Radio off Line

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
186000	38.70	64.97	26.27	27.10	54.97	27.87	L1
258000	36.20	62.90	26.70	26.10	52.90	26.80	L1
382000	37.50	59.33	21.83	36.90	49.33	12.43	L1
500kHz - 5MHz							
510000	32.40	56.00	23.60	31.60	46.00	14.40	L1
5MHz - 30MHz							
7898000	26.0000	60.0000	34.0000	13.3000	50.0000	36.7000	L1
10002000	45.7000	60.0000	14.3000	46.0000	50.0000	4.0000	L1



Auto Merge Results



Radio off Neutral



Result Table_Single Radio off Neutral

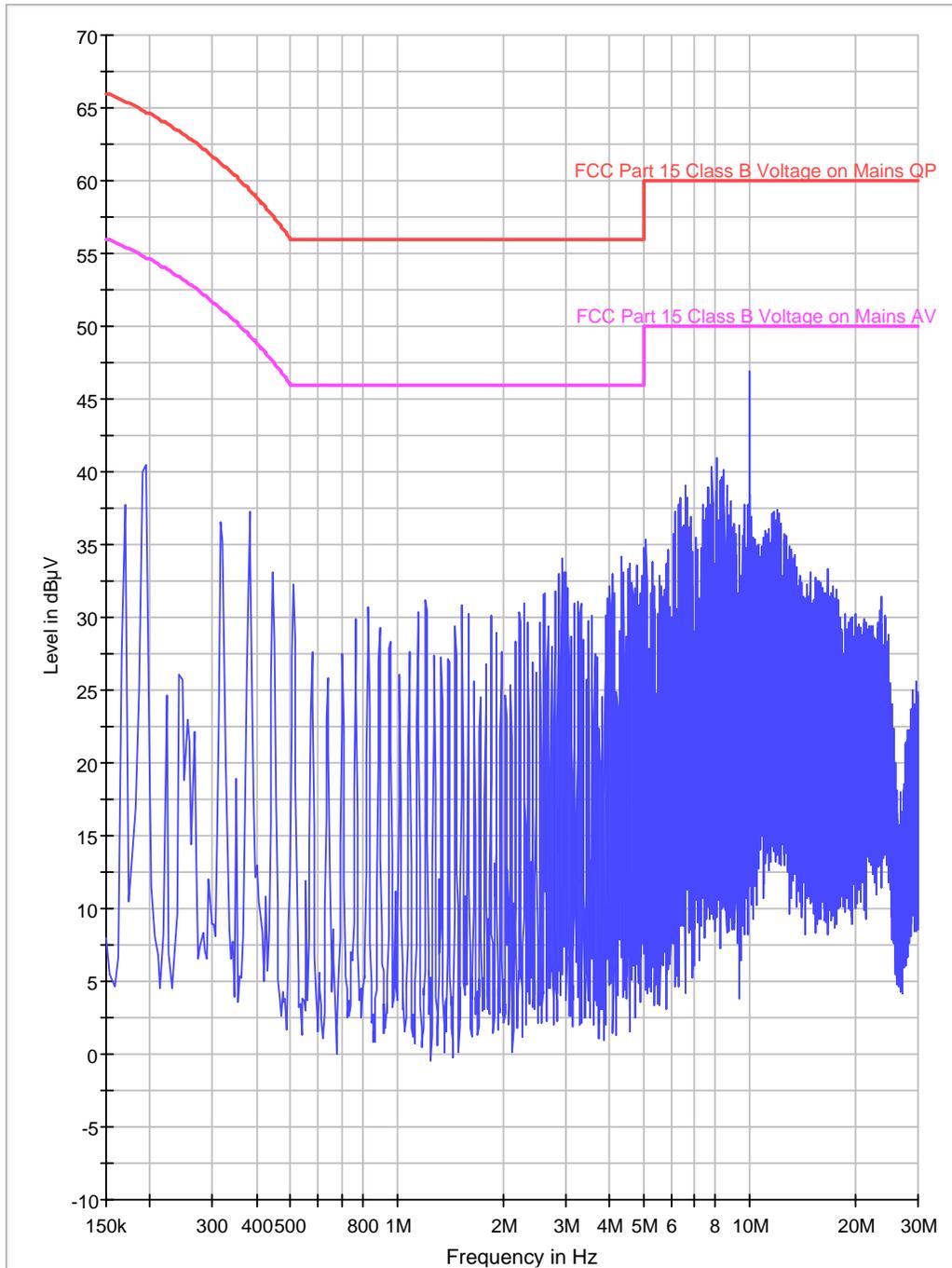
Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.194000	---	23.7	14.9	---	---	---	---	---	1.000
0.322000	---	7.7	1.3	---	---	---	---	---	1.000
0.382000	---	17.4	16.7	---	---	---	---	---	1.000
6.738000	---	18.4	15.3	---	---	---	---	---	1.000
10.002000	---	46.5	46.8	---	---	---	---	---	1.000
19.998000	---	30.4	23.6	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.194000	9.000	FL	N	0.0
0.322000	9.000	FL	N	0.0
0.382000	9.000	FL	N	0.0
6.738000	9.000	FL	N	0.4
10.002000	9.000	FL	N	0.6
19.998000	9.000	FL	N	1.0

Limits Radio off Neutral

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
194000	23.70	64.74	41.04	14.90	54.74	39.84	N
322000	7.70	61.06	53.36	1.30	51.06	49.76	N
382000	17.40	59.33	41.93	16.70	49.33	32.63	N
5MHz - 30MHz							
6738000	18.4000	60.0000	41.6000	15.3000	50.0000	34.7000	N
10002000	46.5000	60.0000	13.5000	46.8000	50.0000	3.2000	N
19998000	30.4000	60.0000	29.6000	23.6000	50.0000	26.4000	N



RX – 851.0625 MHz Line



Result Table_Single RX – 851.0625 MHz Line

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.170000	---	33.2	7.5	---	---	---	---	---	1.000
0.194000	---	46.8	34.6	---	---	---	---	---	1.000
0.318000	---	29.0	20.9	---	---	---	---	---	1.000
0.382000	---	32.5	31.3	---	---	---	---	---	1.000
8.042000	---	43.9	39.1	---	---	---	---	---	1.000
10.002000	---	46.9	46.7	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

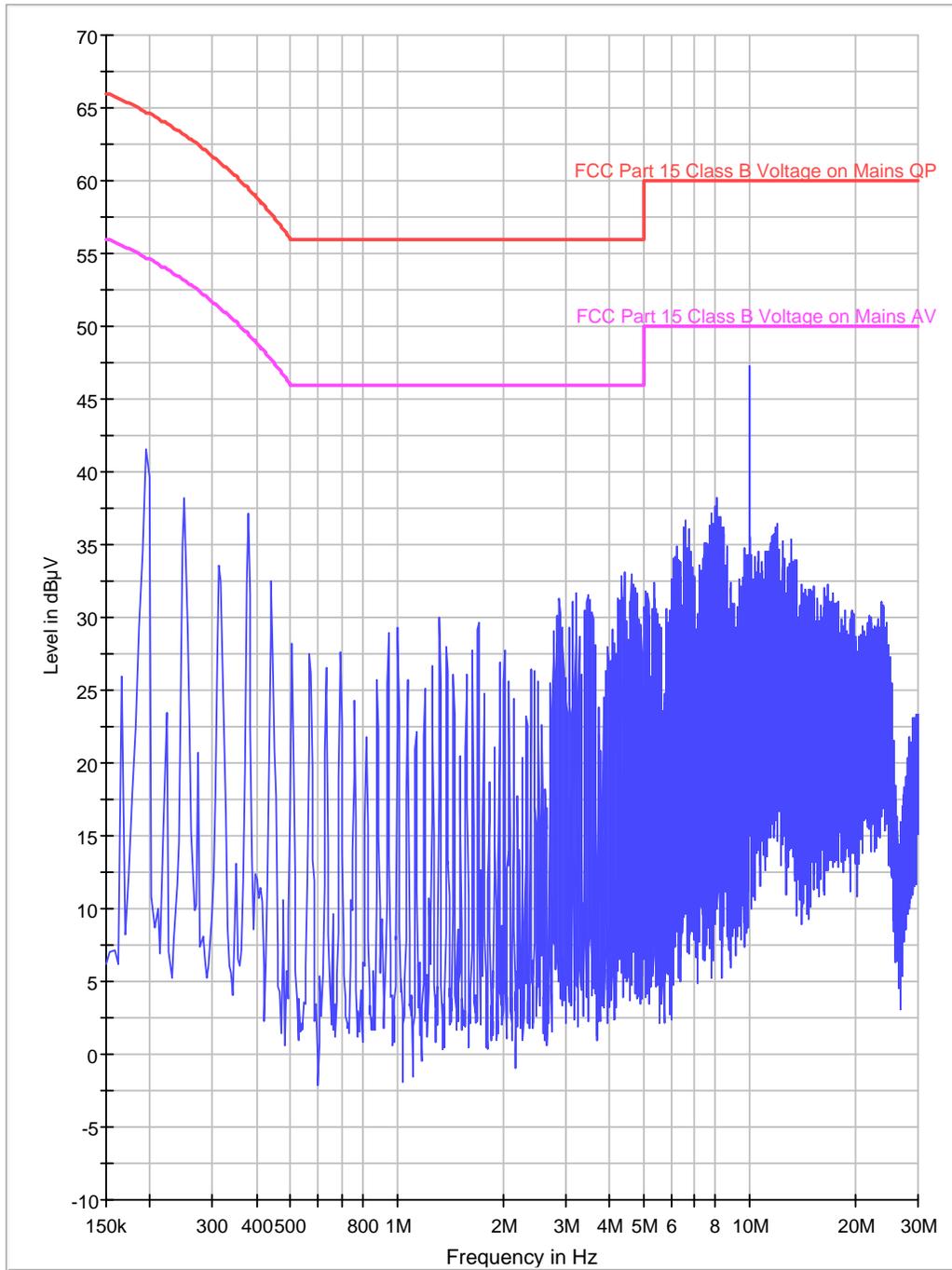
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.170000	9.000	FL	L1	0.0
0.194000	9.000	FL	L1	0.0
0.318000	9.000	FL	L1	0.0
0.382000	9.000	FL	L1	0.0
8.042000	9.000	FL	L1	0.4
10.002000	9.000	FL	L1	0.5

Limits RX – 851.0625 MHz Line

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
170000	33.20	65.43	32.23	7.50	55.43	47.93	L1
194000	46.80	64.74	17.94	34.60	54.74	20.14	L1
318000	29.00	61.17	32.17	20.90	51.17	30.27	L1
382000	32.50	59.33	26.83	31.30	49.33	18.03	L1
5MHz - 30MHz							
8042000	43.9000	60.0000	16.1000	39.1000	50.0000	10.9000	L1
10002000	46.9000	60.0000	13.1000	46.7000	50.0000	3.3000	L1



Auto Merge Results



RX – 851.0625 MHz Neutral



Result Table_Single RX – 851.0625 MHz Neutral

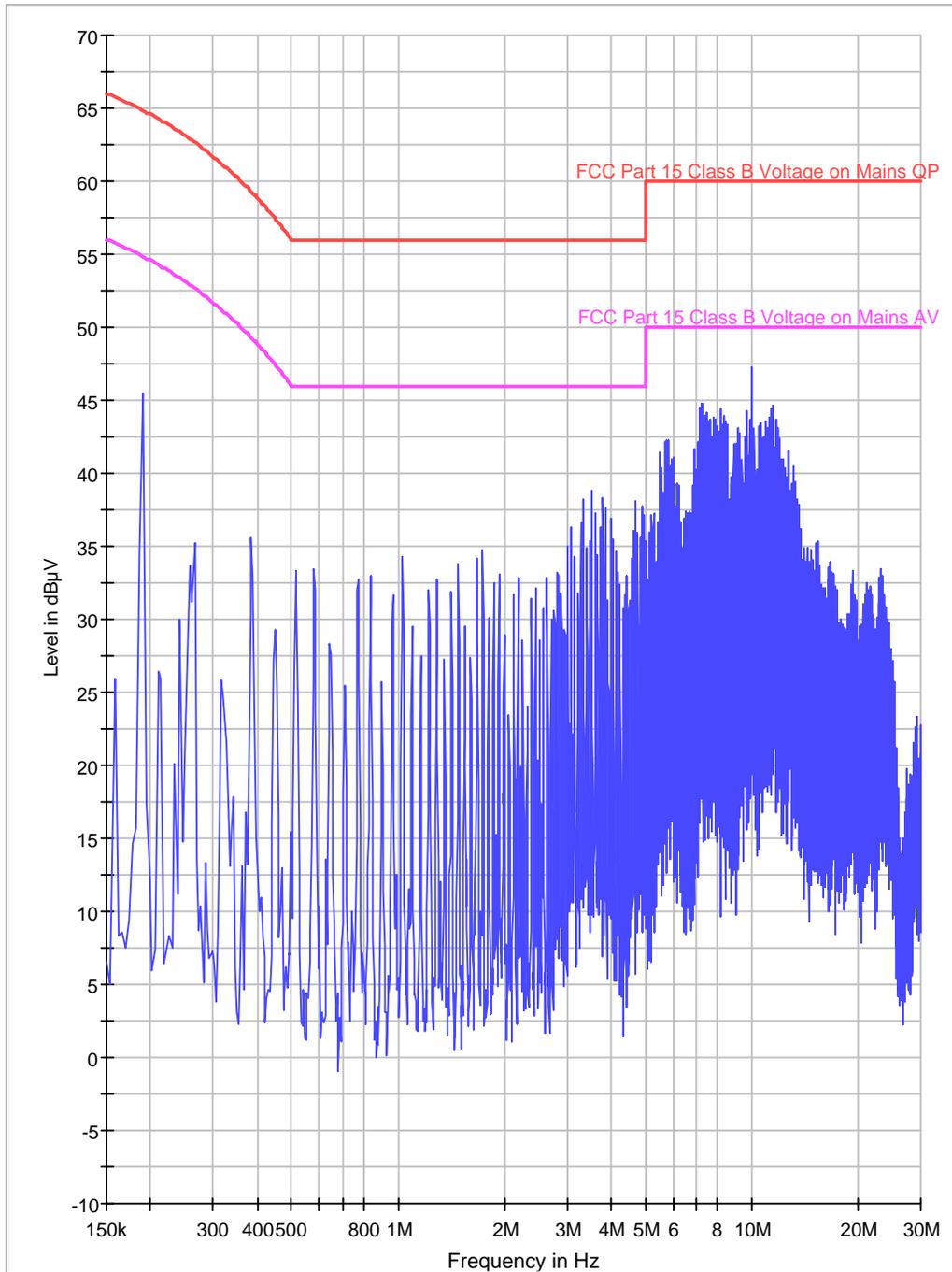
Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.194000	---	42.9	32.7	---	---	---	---	---	1.000
0.250000	---	34.3	27.2	---	---	---	---	---	1.000
0.378000	---	33.5	32.6	---	---	---	---	---	1.000
0.442000	---	31.6	29.8	---	---	---	---	---	1.000
8.070000	---	35.8	27.3	---	---	---	---	---	1.000
10.002000	---	46.7	46.6	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.194000	9.000	FL	N	0.0
0.250000	9.000	FL	N	0.0
0.378000	9.000	FL	N	0.0
0.442000	9.000	FL	N	0.0
8.070000	9.000	FL	N	0.5
10.002000	9.000	FL	N	0.6

Limits RX – 851.0625 MHz Neutral

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
194000	42.90	64.74	21.84	32.70	54.74	22.04	N
250000	34.30	63.13	28.83	27.20	53.13	25.93	N
378000	33.50	59.45	25.95	32.60	49.45	16.85	N
442000	31.60	57.61	26.01	29.80	47.61	17.81	N
5MHz - 30MHz							
8070000	35.8000	60.0000	24.2000	27.3000	50.0000	22.7000	N
10002000	46.7000	60.0000	13.3000	46.6000	50.0000	3.4000	N



RX – 860.000 MHz Line



Result Table_Single RX – 860.0000 MHz Line

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.190000	---	43.7	32.0	---	---	---	---	---	1.000
0.266000	---	25.9	18.1	---	---	---	---	---	1.000
0.386000	---	35.7	35.2	---	---	---	---	---	1.000
1.030000	---	33.8	33.1	---	---	---	---	---	1.000
3.542000	---	36.8	34.8	---	---	---	---	---	1.000
10.002000	---	46.0	46.1	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

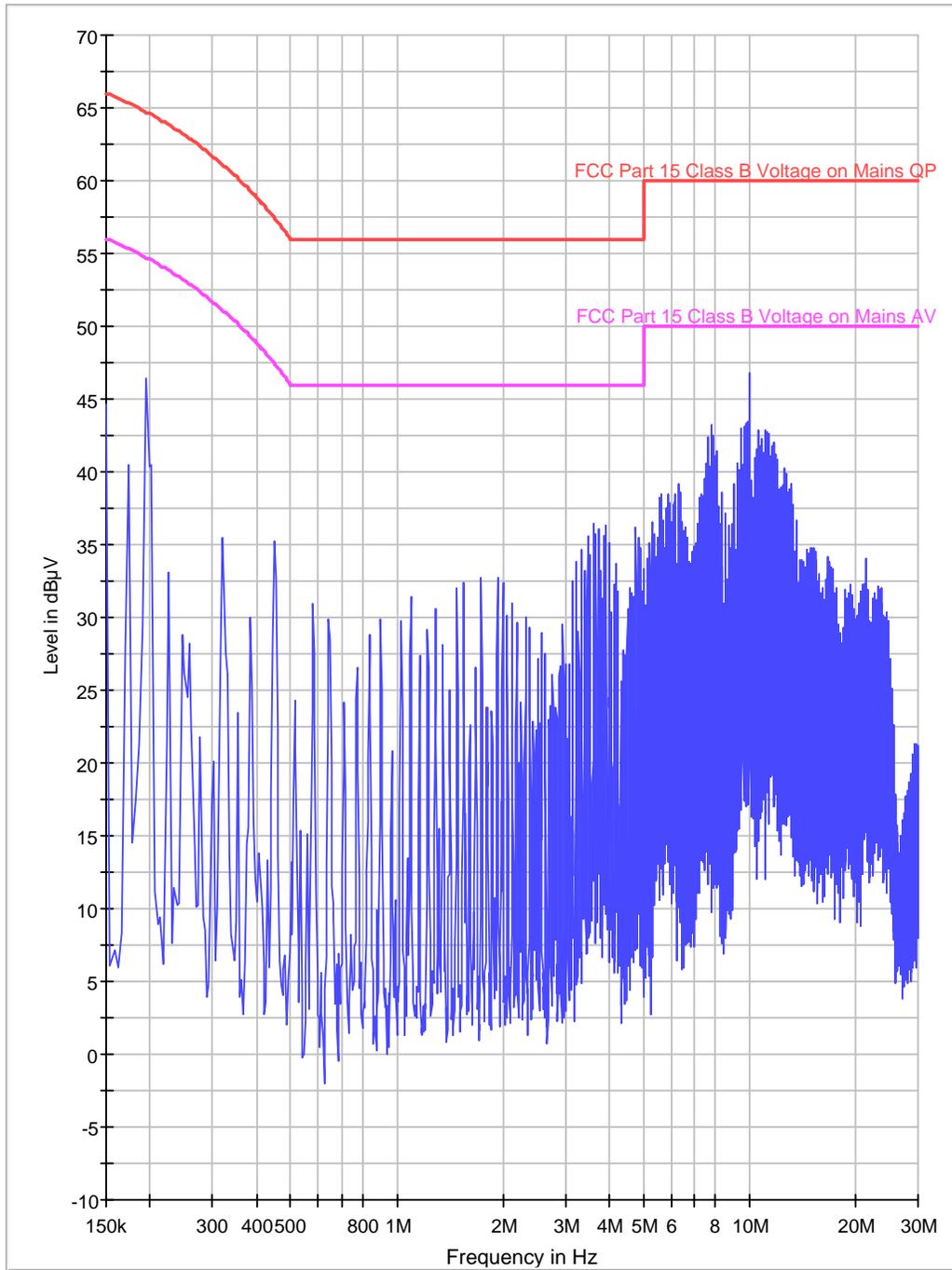
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.190000	9.000	FL	L1	0.0
0.266000	9.000	FL	L1	0.0
0.386000	9.000	FL	L1	0.0
1.030000	9.000	FL	L1	0.1
3.542000	9.000	FL	L1	0.3
10.002000	9.000	FL	L1	0.5

Limits RX – 860.0000 MHz Line

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
190000	43.70	64.85	21.15	32.00	54.85	22.85	L1
266000	25.90	62.67	36.77	18.10	52.67	34.57	L1
386000	35.70	59.22	23.52	35.20	49.22	14.02	L1
500kHz - 5MHz							
1030000	33.80	56.00	22.20	33.10	46.00	12.90	L1
3542000	36.80	56.00	19.20	34.80	46.00	11.20	L1
5MHz - 30MHz							
10002000	46.0000	60.0000	14.0000	46.1000	50.0000	3.9000	L1



Auto Merge Results



RX – 860.0000 MHz Neutral



Result Table_Single RX – 860.0000 MHz Neutral

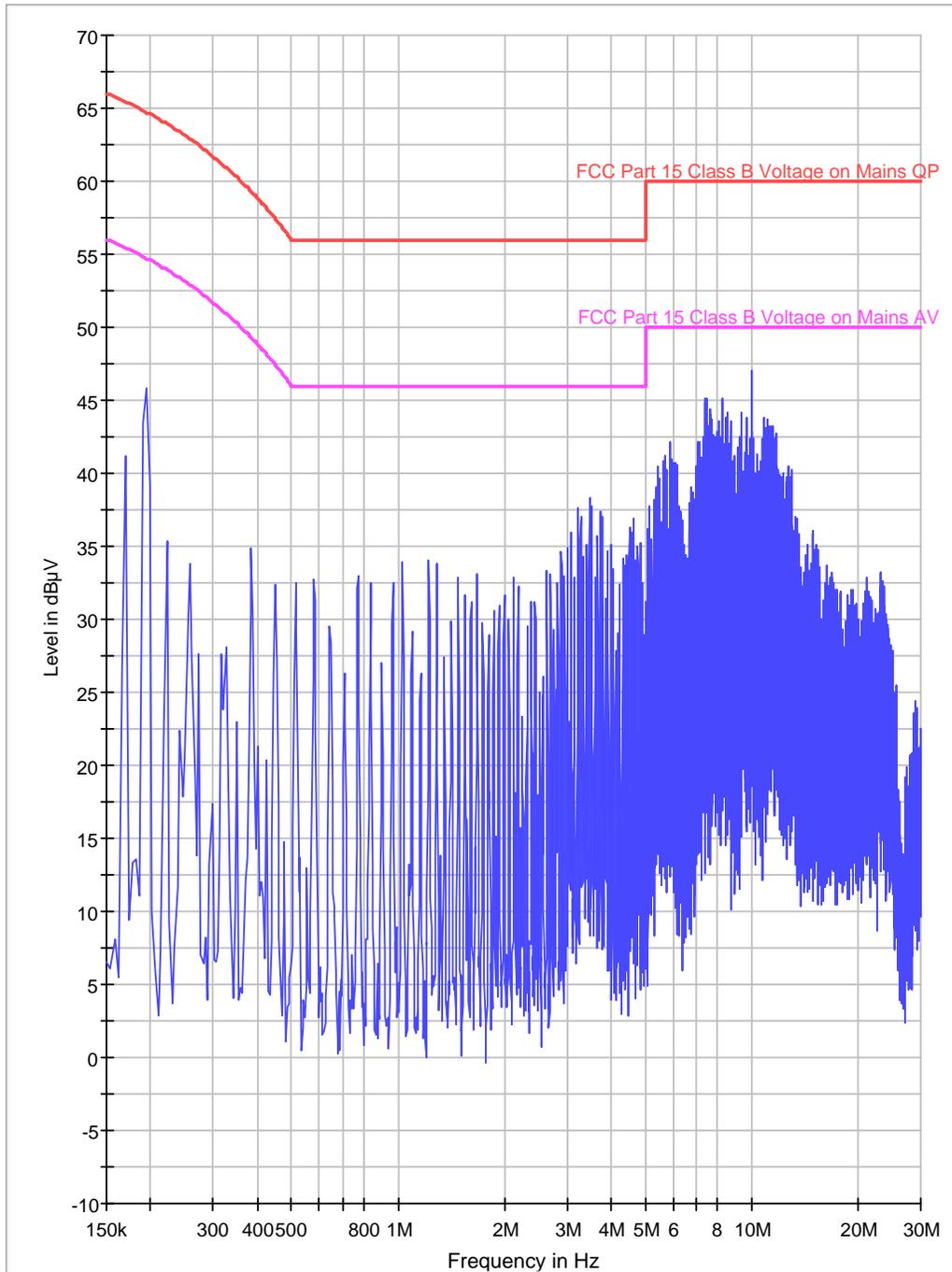
Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.174000	---	31.7	12.3	---	---	---	---	---	1.000
0.194000	---	45.8	37.4	---	---	---	---	---	1.000
0.322000	---	37.5	33.0	---	---	---	---	---	1.000
0.450000	---	35.7	34.0	---	---	---	---	---	1.000
7.786000	---	42.1	36.4	---	---	---	---	---	1.000
9.998000	---	46.0	46.0	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.174000	9.000	FL	N	0.0
0.194000	9.000	FL	N	0.0
0.322000	9.000	FL	N	0.0
0.450000	9.000	FL	N	0.0
7.786000	9.000	FL	N	0.5
9.998000	9.000	FL	N	0.6

Limits RX – 860.0000 MHz Neutral

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
174000	31.70	65.31	33.61	12.30	55.31	43.01	N
194000	45.80	64.74	18.94	37.40	54.74	17.34	N
322000	37.50	61.06	23.56	33.00	51.06	18.06	N
450000	35.70	57.38	21.68	34.00	47.38	13.38	N
5MHz - 30MHz							
7786000	42.1000	60.0000	17.9000	36.4000	50.0000	13.6000	N
9998000	46.0000	60.0000	14.0000	46.0000	50.0000	4.0000	N



RX – 869.9375 MHz Line



Result Table_Single RX – 869.9375 MHz Line

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.170000	---	32.8	7.7	---	---	---	---	---	1.000
0.194000	---	44.6	32.4	---	---	---	---	---	1.000
0.386000	---	35.6	34.7	---	---	---	---	---	1.000
3.474000	---	37.9	35.6	---	---	---	---	---	1.000
7.462000	---	43.3	40.2	---	---	---	---	---	1.000
9.998000	---	46.0	46.0	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

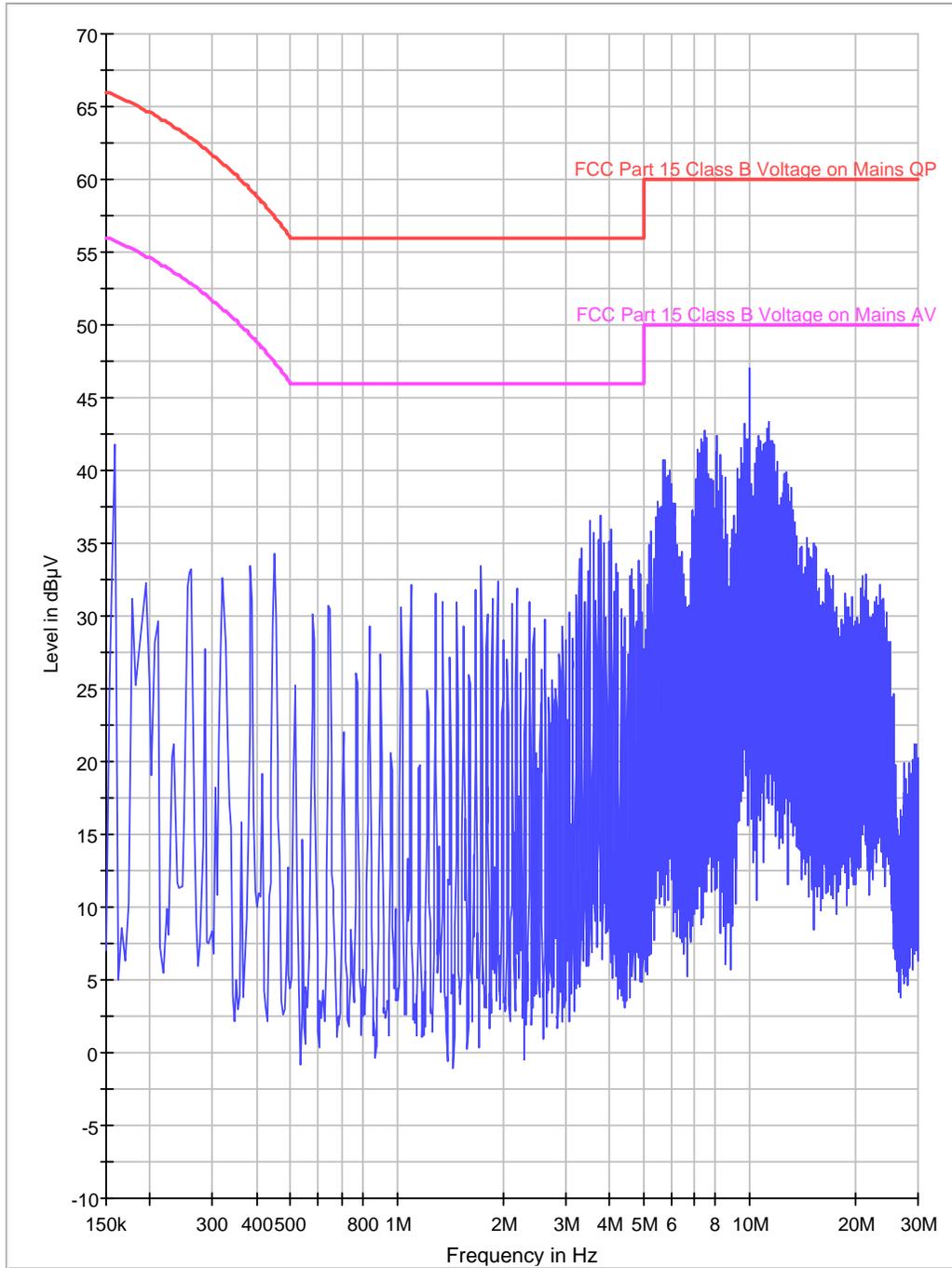
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)	Comment
0.170000	9.000	FL	L1	0.0	
0.194000	9.000	FL	L1	0.0	
0.386000	9.000	FL	L1	0.0	
3.474000	9.000	FL	L1	0.3	
7.462000	9.000	FL	L1	0.4	
9.998000	9.000	FL	L1	0.5	

Limits RX – 869.9375 MHz Line

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
170000	32.80	65.43	32.63	7.70	55.43	47.73	L1
194000	44.60	64.74	20.14	32.40	54.74	22.34	L1
386000	35.60	59.22	23.62	34.70	49.22	14.52	L1
500kHz - 5MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
3474000	37.90	56.00	18.10	35.60	46.00	10.40	L1
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
7462000	43.3000	60.0000	16.7000	40.2000	50.0000	9.8000	L1
9998000	46.0000	60.0000	14.0000	46.0000	50.0000	4.0000	L1



Auto Merge Results





RX – 869.9375 MHz Neutral

Result Table_Single RX – 869.9375 MHz Neutral

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.158000	---	35.0	9.4	---	---	---	---	---	1.000
0.262000	---	32.1	24.3	---	---	---	---	---	1.000
0.450000	---	35.5	34.1	---	---	---	---	---	1.000
5.726000	---	40.0	36.6	---	---	---	---	---	1.000
7.466000	---	39.7	32.6	---	---	---	---	---	1.000
10.002000	---	45.5	45.6	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

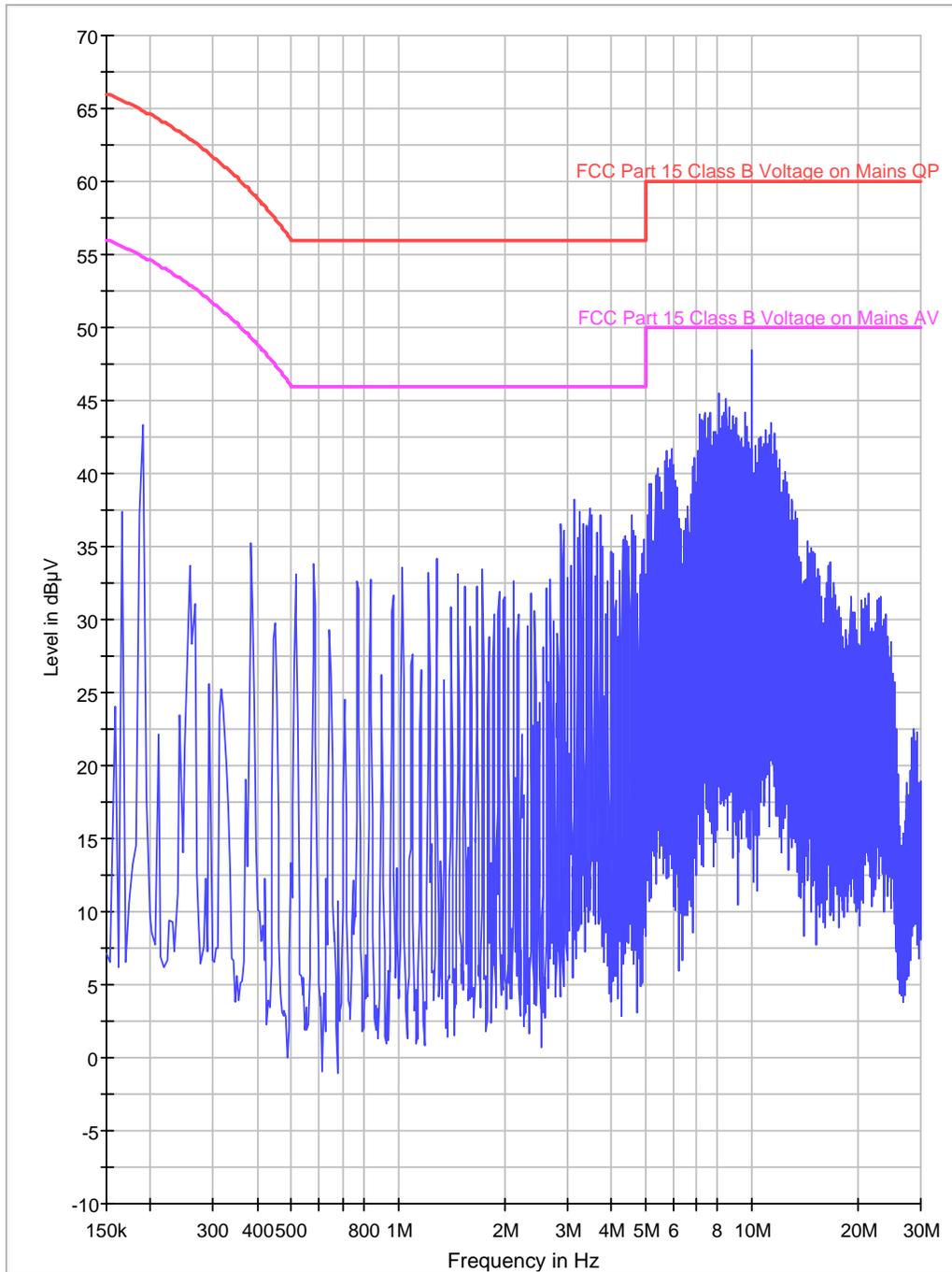
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.158000	9.000	FL	N	0.0
0.262000	9.000	FL	N	0.0
0.450000	9.000	FL	N	0.0
5.726000	9.000	FL	N	0.4
7.466000	9.000	FL	N	0.4
10.002000	9.000	FL	N	0.6

Limits RX – 869.9375 MHz Neutral

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
158000	35.00	65.77	30.77	9.40	55.77	46.37	N
262000	32.10	62.78	30.68	24.30	52.78	28.48	N
450000	35.50	57.38	21.88	34.10	47.38	13.28	N
500kHz - 5MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
5726000	40.00	56.00	16.00	36.60	46.00	9.40	N
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
7466000	39.7000	60.0000	20.3000	32.6000	50.0000	17.4000	N
10002000	45.5000	60.0000	14.5000	45.6000	50.0000	4.4000	N



Auto Merge Results



TX – 823.9875 MHz Line



Result Table_Single TX – 823.9875 MHz Line

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.190000	---	40.8	28.9	---	---	---	---	---	1.000
0.386000	---	36.3	35.5	---	---	---	---	---	1.000
3.150000	---	38.0	35.6	---	---	---	---	---	1.000
5.914000	---	40.6	37.3	---	---	---	---	---	1.000
8.102000	---	43.8	38.2	---	---	---	---	---	1.000
10.002000	---	47.5	47.6	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

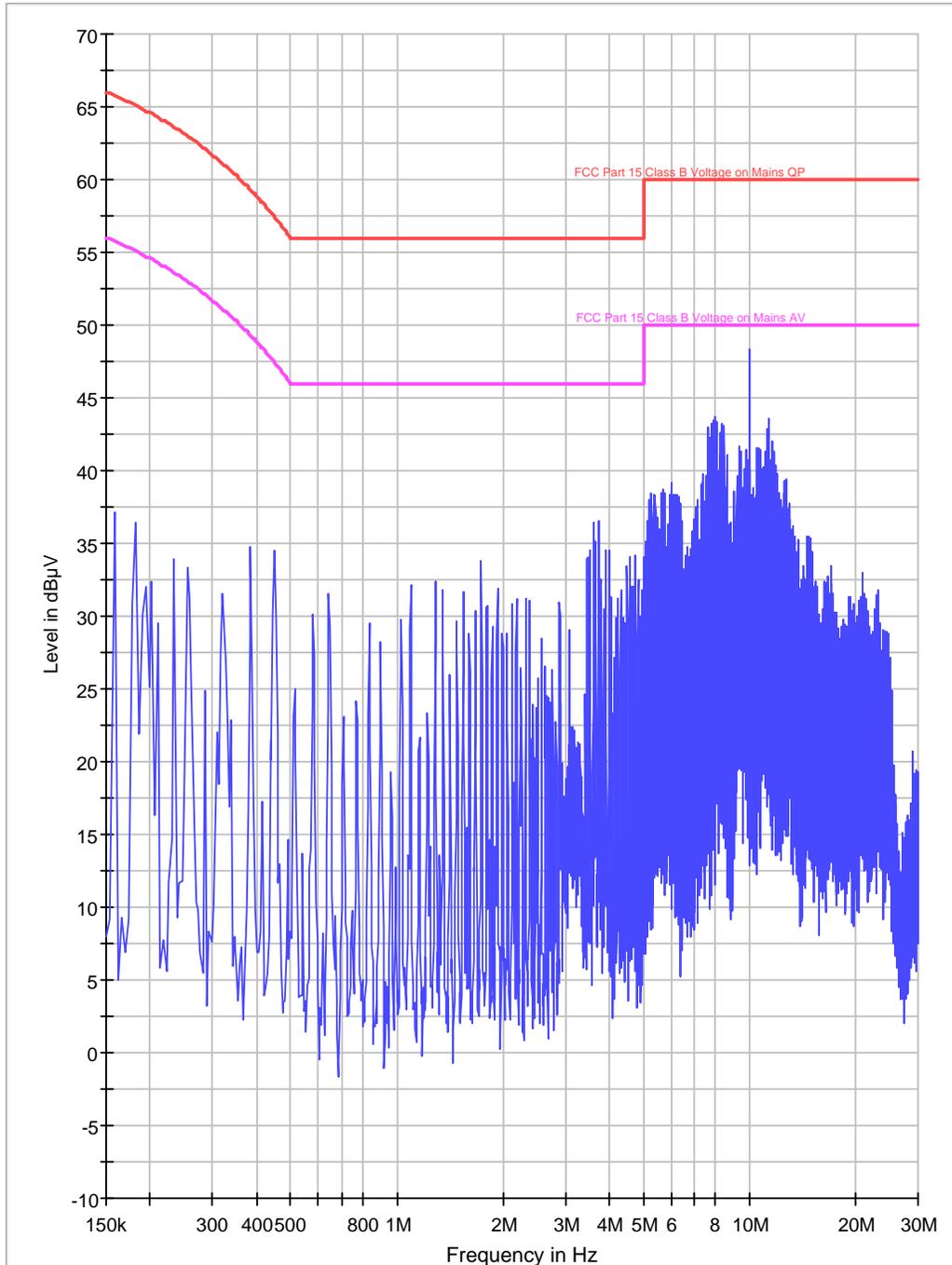
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.190000	9.000	FL	L1	0.0
0.386000	9.000	FL	L1	0.0
3.150000	9.000	FL	L1	0.3
5.914000	9.000	FL	L1	0.4
8.102000	9.000	FL	L1	0.4
10.002000	9.000	FL	L1	0.5

Limits TX – 823.9875 MHz Line

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
190000	40.80	64.85	24.05	28.90	54.85	25.95	L1
386000	36.30	59.22	22.92	35.50	49.22	13.72	L1
500kHz - 5MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
3150000	38.00	56.00	18.00	35.60	46.00	10.40	L1
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
5914000	40.6000	60.0000	19.4000	37.3000	50.0000	12.7000	L1
8102000	43.8000	60.0000	16.2000	38.2000	50.0000	11.8000	L1
10002000	47.5000	60.0000	12.5000	47.6000	50.0000	2.4000	L1



Auto Merge Results





TX – 823.9875 MHz Neutral

Result Table_Single TX – 823.9875 MHz Neutral

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.158000	---	32.8	6.7	---	---	---	---	---	1.000
0.182000	---	30.0	16.1	---	---	---	---	---	1.000
0.450000	---	35.5	34.5	---	---	---	---	---	1.000
5.274000	---	37.6	33.8	---	---	---	---	---	1.000
8.034000	---	41.5	37.1	---	---	---	---	---	1.000
9.998000	---	47.7	47.8	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

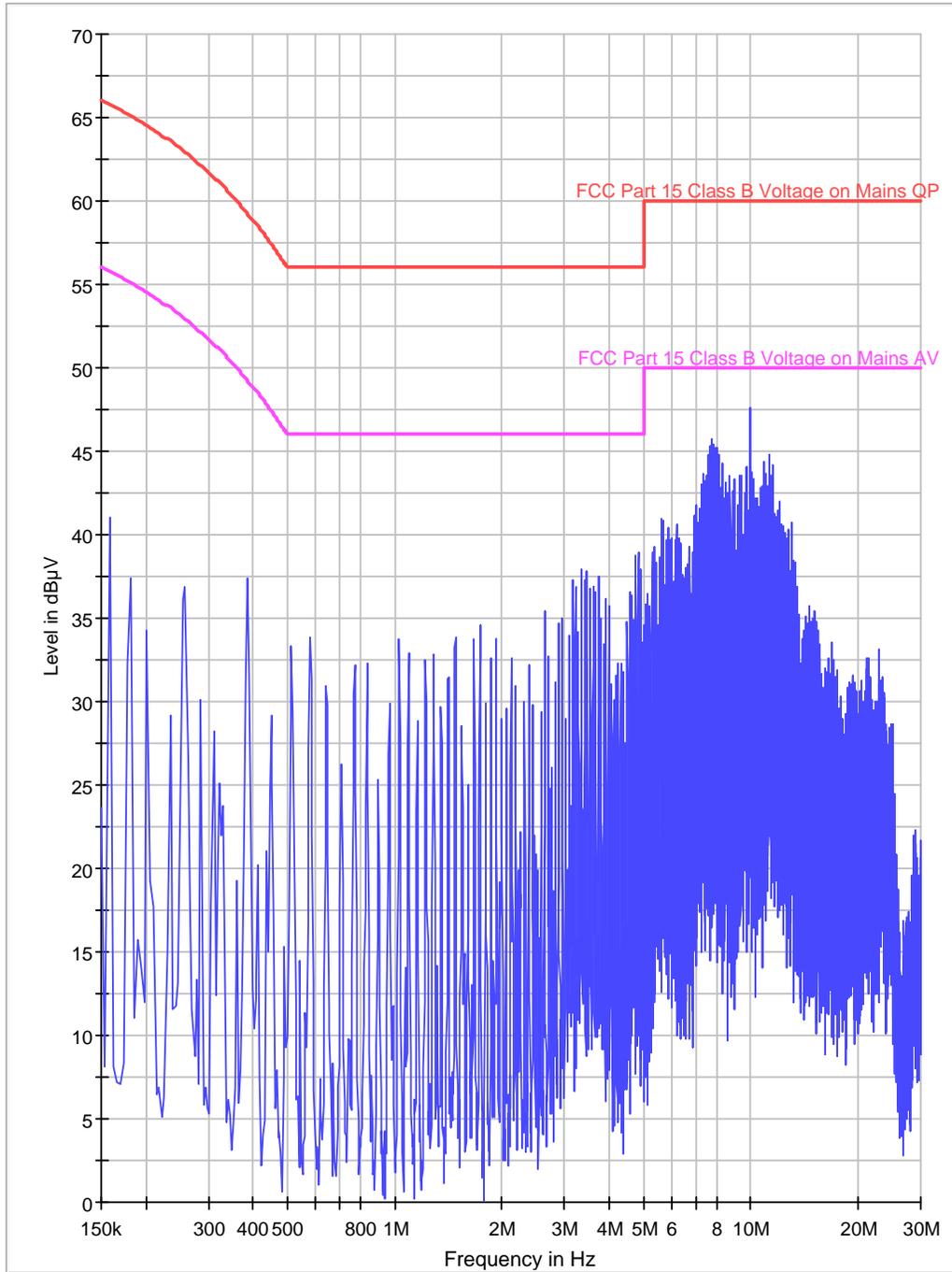
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.158000	9.000	FL	N	0.0
0.182000	9.000	FL	N	0.0
0.450000	9.000	FL	N	0.0
5.274000	9.000	FL	N	0.4
8.034000	9.000	FL	N	0.5
9.998000	9.000	FL	N	0.6

Limits TX – 823.9875 MHz Neutral

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
158000	32.80	65.77	32.97	6.70	55.77	49.07	N
182000	30.00	65.08	35.08	16.10	55.08	38.98	N
450000	35.50	57.38	21.88	34.50	47.38	12.88	N
5MHz - 30MHz							
5274000	37.6000	60.0000	22.4000	33.8000	50.0000	16.2000	N
8034000	41.5000	60.0000	18.5000	37.1000	50.0000	12.9000	N
9998000	47.7000	60.0000	12.3000	47.8000	50.0000	2.2000	N



Auto Merge Results





TX – 851.0125 MHz Line

Result Table_Single TX – 851.0125 MHz Line

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.158000	---	35.5	8.8	---	---	---	---	---	1.000
0.386000	---	36.4	35.6	---	---	---	---	---	1.000
7.658000	---	43.9	38.9	---	---	---	---	---	1.000
7.786000	---	44.6	40.8	---	---	---	---	---	1.000
10.002000	---	46.4	46.3	---	---	---	---	---	1.000
10.874000	---	43.3	41.2	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

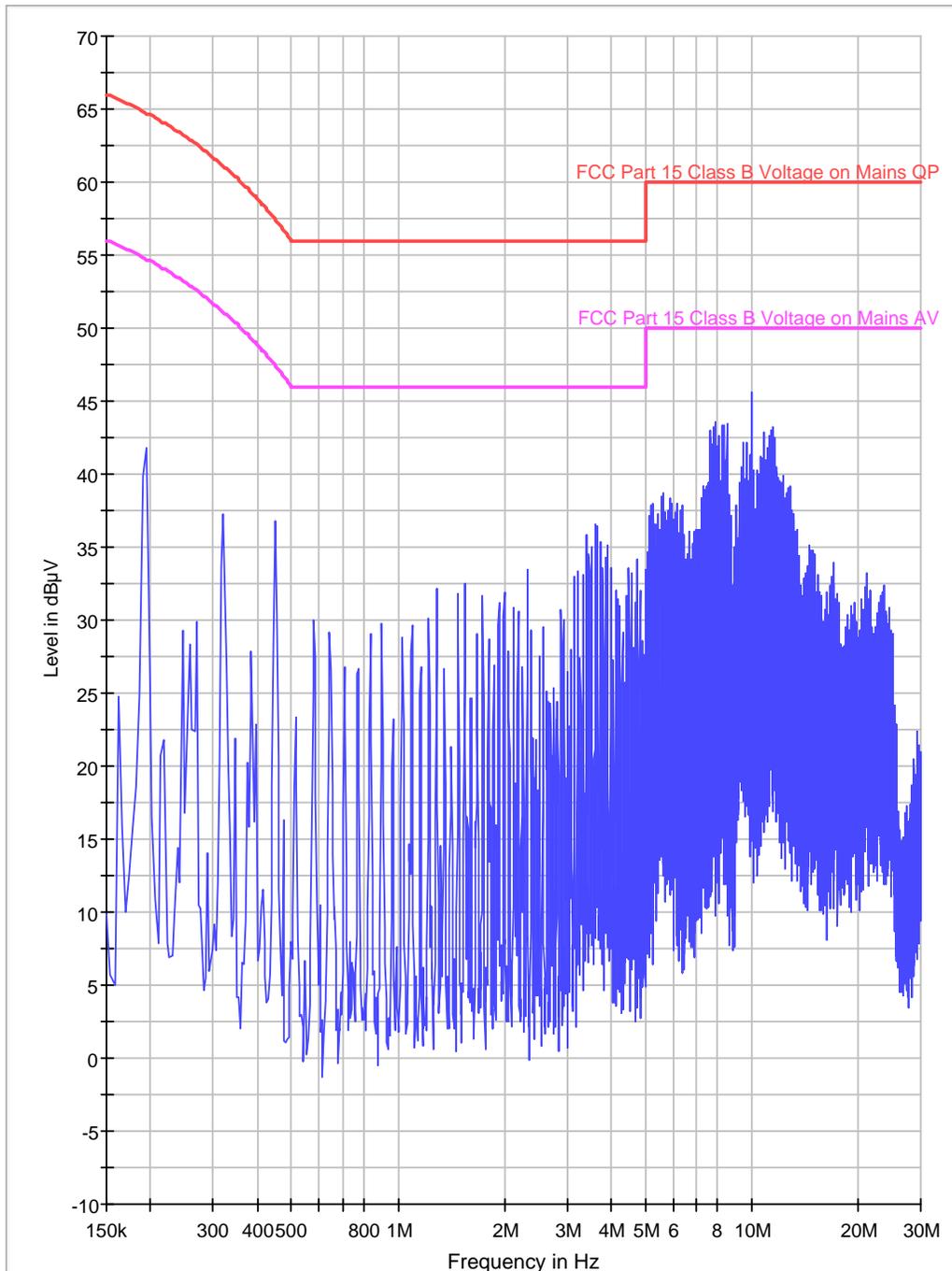
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.158000	9.000	FL	L1	0.0
0.386000	9.000	FL	L1	0.0
7.658000	9.000	FL	L1	0.4
7.786000	9.000	FL	L1	0.4
10.002000	9.000	FL	L1	0.5
10.874000	9.000	FL	L1	0.5

Limits TX – 851.0125 MHz Line

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
158000	35.50	65.77	30.27	8.80	55.77	46.97	L1
386000	36.40	59.22	22.82	35.60	49.22	13.62	L1
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
7658000	43.9000	60.0000	16.1000	38.9000	50.0000	11.1000	L1
7786000	44.6000	60.0000	15.4000	40.8000	50.0000	9.2000	L1
10002000	46.4000	60.0000	13.6000	46.3000	50.0000	3.7000	L1
10874000	43.3000	60.0000	16.7000	41.2000	50.0000	8.8000	L1



Auto Merge Results





TX – 851.0125 MHz Neutral

Result Table_Single TX – 851.0125 MHz Neutral

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.194000	---	44.0	35.7	---	---	---	---	---	1.000
0.322000	---	35.6	31.7	---	---	---	---	---	1.000
0.450000	---	35.7	34.6	---	---	---	---	---	1.000
3.602000	---	35.9	33.5	---	---	---	---	---	1.000
7.846000	---	41.9	36.7	---	---	---	---	---	1.000
9.998000	---	44.5	44.4	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.194000	9.000	FL	N	0.0
0.322000	9.000	FL	N	0.0
0.450000	9.000	FL	N	0.0
3.602000	9.000	FL	N	0.3
7.846000	9.000	FL	N	0.5
9.998000	9.000	FL	N	0.6

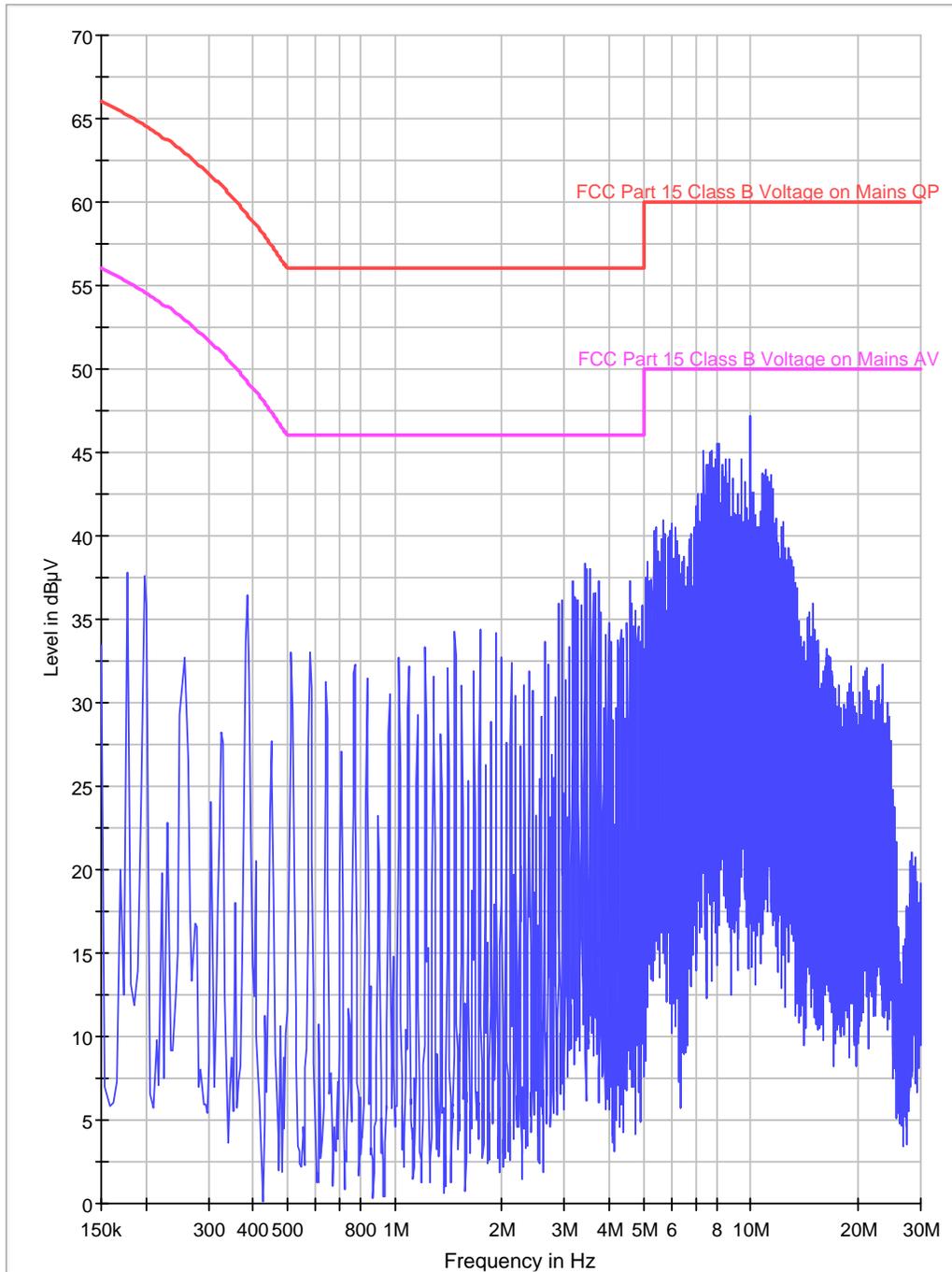
Limits TX – 851.0125 MHz Neutral

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
194000	44.00	64.74	20.74	35.70	54.74	19.04	N
322000	35.60	61.06	25.46	31.70	51.06	19.36	N
450000	35.70	57.38	21.68	34.60	47.38	12.78	N
500kHz - 5MHz							
3602000	35.90	56.00	20.10	33.50	46.00	12.50	N
5MHz - 30MHz							
7846000	41.9000	60.0000	18.1000	36.7000	50.0000	13.3000	N
9998000	44.5000	60.0000	15.5000	44.4000	50.0000	5.6000	N



MOTOROLA

FCC ID: AZ489FT5863



TX – 860.0125 MHz Line

Result Table_Single TX – 860.0125 MHz Line



MOTOROLA

FCC ID: AZ489FT5863

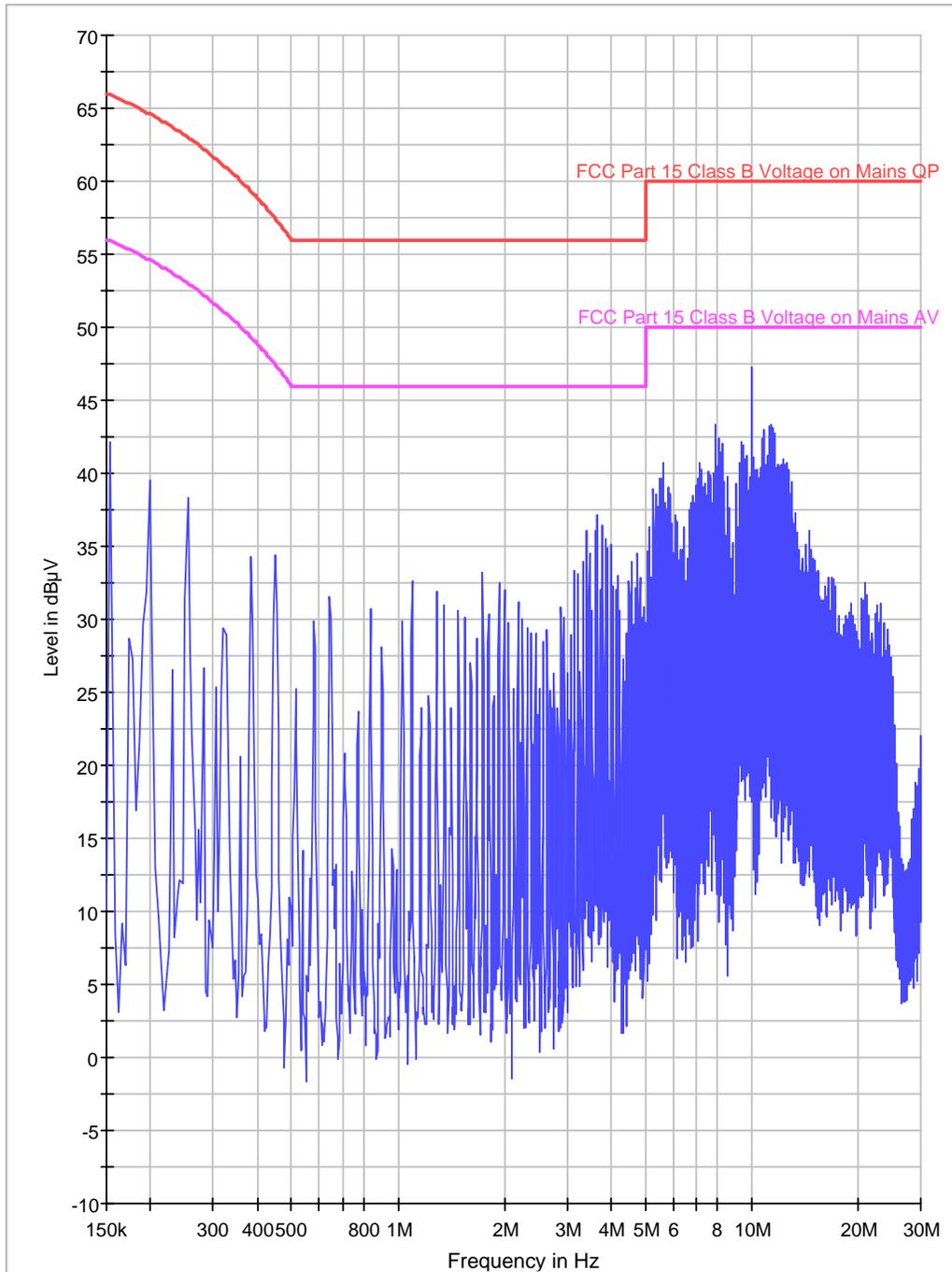
Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.178000	---	29.6	13.9	---	---	---	---	---	1.000
0.198000	---	36.8	25.0	---	---	---	---	---	1.000
0.386000	---	36.5	35.9	---	---	---	---	---	1.000
3.410000	---	37.6	34.3	---	---	---	---	---	1.000
7.782000	---	43.8	40.2	---	---	---	---	---	1.000
10.002000	---	47.3	47.3	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.178000	9.000	FL	L1	0.0
0.198000	9.000	FL	L1	0.0
0.386000	9.000	FL	L1	0.0
3.410000	9.000	FL	L1	0.3
7.782000	9.000	FL	L1	0.4
10.002000	9.000	FL	L1	0.5

Limits TX – 860.0125 MHz Line

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
178000	29.60	65.20	35.60	13.90	55.20	41.30	L1
198000	36.80	64.62	27.82	25.00	54.62	29.62	L1
386000	36.50	59.22	22.72	35.90	49.22	13.32	L1
500kHz - 5MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
3410000	37.60	56.00	18.40	34.30	46.00	11.70	L1
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
7782000	43.8000	60.0000	16.2000	40.2000	50.0000	9.8000	L1
10002000	47.3000	60.0000	12.7000	47.3000	50.0000	2.7000	L1



TX – 860.0125 MHz Neutral



Result Table_Single TX – 860.0125 MHz Neutral

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.154000	---	34.7	6.9	---	---	---	---	---	1.000
0.254000	---	35.1	26.9	---	---	---	---	---	1.000
0.450000	---	35.7	34.8	---	---	---	---	---	1.000
3.666000	---	36.6	32.9	---	---	---	---	---	1.000
7.910000	---	42.2	36.8	---	---	---	---	---	1.000
10.002000	---	46.4	46.4	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

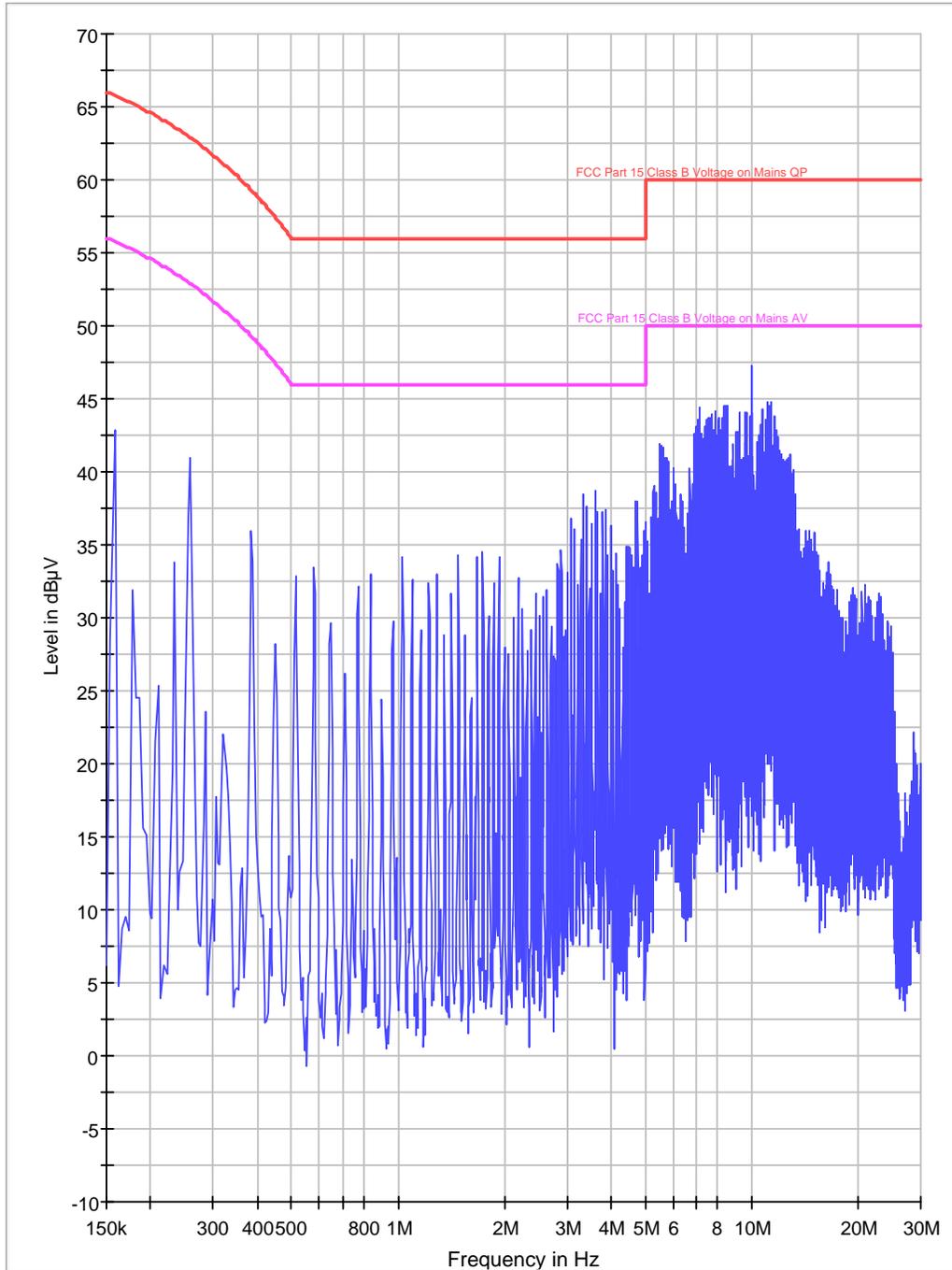
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.154000	9.000	FL	N	0.0
0.254000	9.000	FL	N	0.0
0.450000	9.000	FL	N	0.0
3.666000	9.000	FL	N	0.3
7.910000	9.000	FL	N	0.5
10.002000	9.000	FL	N	0.6

Limits TX – 860.0125 MHz Neutral

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
154000	34.70	65.89	31.19	6.90	55.89	48.99	N
254000	35.10	63.01	27.91	26.90	53.01	26.11	N
450000	35.70	57.38	21.68	34.80	47.38	12.58	N
500kHz - 5MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
3666000	36.60	56.00	19.40	32.90	46.00	13.10	N
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
7910000	42.2000	60.0000	17.8000	36.8000	50.0000	13.2000	N
10002000	46.4000	60.0000	13.6000	46.4000	50.0000	3.6000	N



Auto Merge Results



TX – 869.8875 MHz Line



Result Table_Single TX – 869.8875 MHz Line

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.258000	---	39.4	34.3	---	---	---	---	---	1.000
0.386000	---	37.7	36.5	---	---	---	---	---	1.000
3.346000	---	38.3	37.1	---	---	---	---	---	1.000
7.146000	---	41.5	35.8	---	---	---	---	---	1.000
10.002000	---	46.5	46.5	---	---	---	---	---	1.000
11.262000	---	42.9	36.0	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

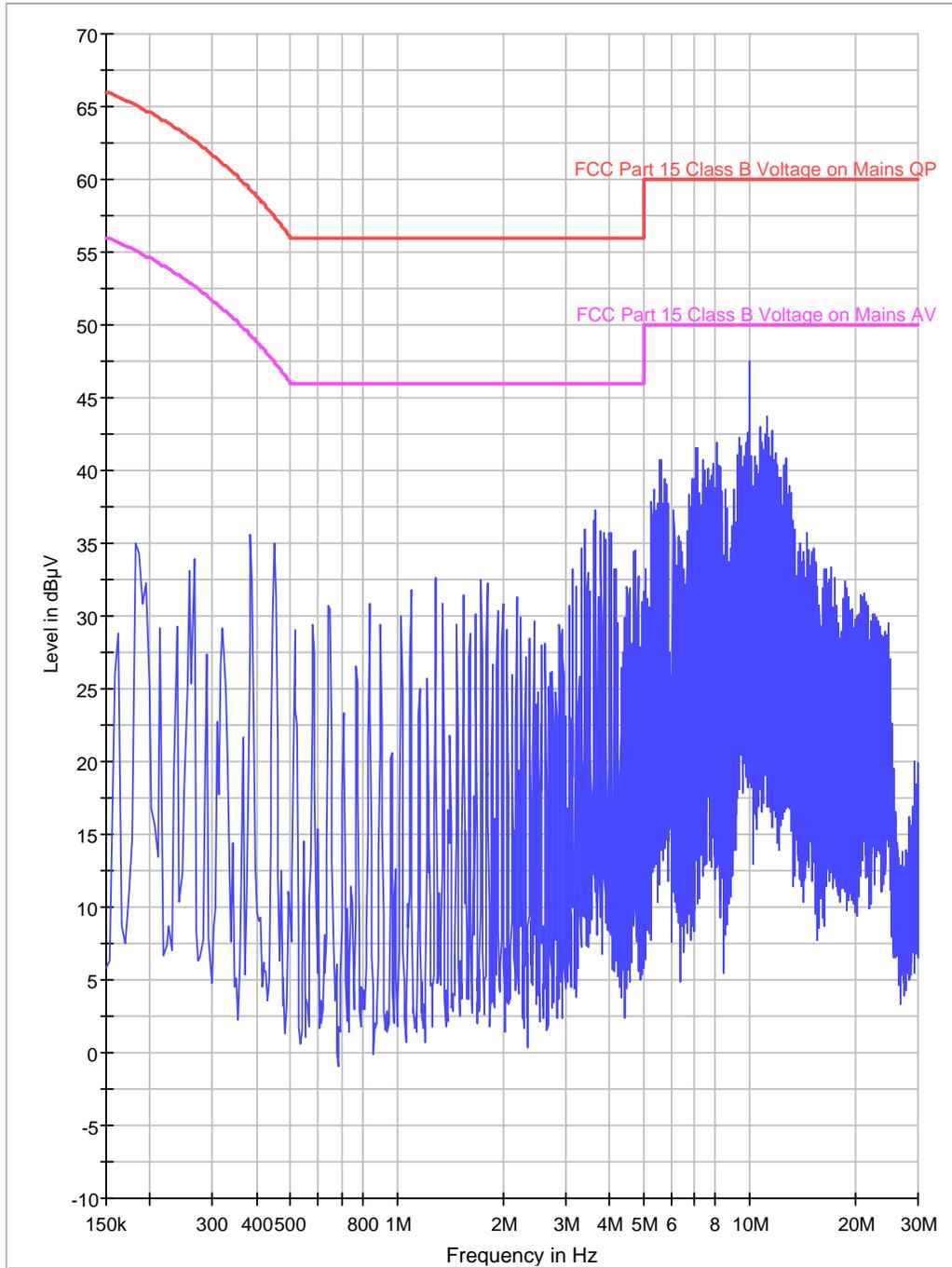
Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.258000	9.000	FL	L1	0.0
0.386000	9.000	FL	L1	0.0
3.346000	9.000	FL	L1	0.3
7.146000	9.000	FL	L1	0.4
10.002000	9.000	FL	L1	0.5
11.262000	9.000	FL	L1	0.5

Limits TX – 869.8875 MHz Line

Frequency	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
<= 500kHz							
258000	39.40	62.90	23.50	34.30	52.90	18.60	L1
386000	37.70	59.22	21.52	36.50	49.22	12.72	L1
500kHz - 5MHz							
3346000	38.30	56.00	17.70	37.10	46.00	8.90	L1
5MHz - 30MHz							
7146000	41.5000	60.0000	18.5000	35.8000	50.0000	14.2000	L1
10002000	46.5000	60.0000	13.5000	46.5000	50.0000	3.5000	L1
11262000	42.9000	60.0000	17.1000	36.0000	50.0000	14.0000	L1



Auto Merge Results





TX – 869.8875 MHz Neutral

Result Table_Single TX – 869.8875 MHz Neutral

Frequency (MHz)	MaxPeak (dBµV)	QuasiPeak (dBµV)	Average (dBµV)	RMS (dBµV)	MinPeak (dBµV)	CAverage (dBµV)	CRMS (dBµV)	ACVideo (dBµV)	Meas. Time (ms)
0.182000	---	30.5	17.1	---	---	---	---	---	1.000
0.450000	---	35.5	34.7	---	---	---	---	---	1.000
3.666000	---	36.4	32.7	---	---	---	---	---	1.000
7.142000	---	40.7	35.8	---	---	---	---	---	1.000
10.002000	---	46.8	46.9	---	---	---	---	---	1.000
11.194000	---	43.1	37.5	---	---	---	---	---	1.000

(continuation of the "Result Table_Single" table from column 10 ...)

Frequency (MHz)	Bandwidth (kHz)	PE	Line	Corr. (dB)
0.182000	9.000	FL	N	0.0
0.450000	9.000	FL	N	0.0
3.666000	9.000	FL	N	0.3
7.142000	9.000	FL	N	0.4
10.002000	9.000	FL	N	0.6
11.194000	9.000	FL	N	0.6

Limits TX – 869.8875 MHz Neutral

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
182000	30.50	65.08	34.58	17.10	55.08	37.98	N
450000	35.50	57.38	21.88	34.70	47.38	12.68	N
500kHz - 5MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
3666000	36.40	56.00	19.60	32.70	46.00	13.30	N
5MHz - 30MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
7142000	40.7000	60.0000	19.3000	35.8000	50.0000	14.2000	N
10002000	46.8000	60.0000	13.2000	46.9000	50.0000	3.1000	N
11194000	43.1000	60.0000	16.9000	37.5000	50.0000	12.5000	N