

**1.1 Model PD68 Test Results and Data:  PASS**

**1.1.1 Tabular Data**

Date of measurement: 8 March 2001

Test Engineer: Ba Nguyen

FCC RF Emissions Data, Model PD68										
Transmit Channel	Measured Frequency (MHz)	fund.	spurious/harmonic	other	Level (dbµv/m) <sup>(1)</sup>				0.25% f <sub>0</sub> BW	
					Corrected Level <sup>(1)</sup>	Limit		Margin (Δ)	Max Allowed BW	Actual BW
						§15.231(b)	§15.209(a)			
A (f <sub>0</sub> )	374.5	X			67.98	78.61		-10.6	975 kHz	146 kHz
A	66.24			X	34.8		40.0	-5.2		
A	66.56			X	28.3 <sup>(1)</sup>		40.0	-11.7		
A	68.00			X	26.5 <sup>(1)</sup>		40.0	-13.5		
A	95.8			X	30.78		43.5	-12.7		
A	101.6			X	31.0 <sup>(1)</sup>		43.5	-12.5		
A	107.8			X	35.2		43.5	-8.3		
A	124.2			X	24.9 <sup>(1)</sup>		43.5	-18.6		
A	168.8			X	24.5 <sup>(1)</sup>		43.5	-19.0		
A	169.4			X	37.6		43.5	-5.9		
A	206.6			X	37.3		43.5	-6.2		
A	211.2			X	31.7		43.5	-11.8		
A	256.2			X	25.0 <sup>(1)</sup>		46.02	-21.0		
A	294.9			X	33.7		46.02	-12.3		
A	313.3			X	37.3		46.02	-8.7		
A	409.1			X	25.0 <sup>(1)</sup>		46.02	-21.0		
A	431.4			X	43.0		46.02	-3.0		
A	604.6			X	26.2		46.02	-22.2		
A	642.8			X	21.2 <sup>(1)</sup>		46.02	-24.8		
A	653.9			X	22.3 <sup>(1)</sup>		46.02	-23.7		
A	660.8			X	20.8 <sup>(1)</sup>		46.02	-25.2		
A	748.3			X	19.9 <sup>(1)</sup>		46.02	-26.1		
A	757.3			X	41.7		46.02	-4.3		
A	1514.0			X	48.9		53.98	-5.1		
A	2711.0			X	45.5		53.98	-8.5		

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					Corrected Level <sup>(1)</sup>	Limit		Margin (Δ)	Max Allowed BW	Actual BW
						§15.231(b)	§15.209(a)			
<b>B (f<sub>0</sub>)</b>	<b>307.9</b>	<b>X</b>			<b>60.91</b>	<b>75.19</b>		<b>-14.3</b>	<b>795</b>	<b>156</b>
B	41.76			X	21.7 <sup>(1)</sup>		40.0	-18.3		
B	55.5			X	33.7 <sup>(1)</sup>		40.0	-6.3		
B	62.1			X	21.4 <sup>(1)</sup>		40.0	-18.6		
B	87.8			X	25.5 <sup>(1)</sup>		40.0	-14.5		
B	89.4			X	38.3		43.52	-5.2		
B	92.6			X	27.4 <sup>(1)</sup>		43.52	-16.1		
B	114.4			X	27.2		43.52	-16.3		
B	125.0			X	33.7 <sup>(1)</sup>		43.52	-9.8		
B	141.6			X	32.9 <sup>(1)</sup>		43.52	-10.6		
B	155.2			X	35.5		43.52	-8.0		
B	206.2			X	32.8 <sup>(1)</sup>		43.52	-10.7		
B	226.7			X	27.3 <sup>(1)</sup>		46.02	-18.7		
B	265.5			X	24.9 <sup>(1)</sup>		46.02	-21.1		
B	355.8			X	35.9		46.02	-10.1		
B	394.6			X	37.1		46.02	-8.9		
B	424.2			X	35.9		46.02	-10.1		
B	559.6			X	38.2		46.02	-7.8		
B	563.3			X	41.0		46.02	-5.0		
B	616.3		X		38.6	61.9		-23.3		
B	1642.0			X	42.0		53.98	-12.0		
B	2298.0			X	43.1		53.98	-10.9		
<b>C (f<sub>0</sub>)</b>	<b>298.00</b>	<b>X</b>			<b>65.8</b>	<b>74.54</b>		<b>-8.7</b>	<b>775 kHz</b>	<b>162 kHz</b>
C	50.24			X	21.2 <sup>(1)</sup>		40.0	-18.8		
C	56.00			X	28.3 <sup>(1)</sup>		40.0	-11.7		
C	65.84			X	34.6 <sup>(1)</sup>		40.0	-5.4		
C	70.00			X	21.4 <sup>(1)</sup>		40.0	-18.6		
C	76.48			X	27.5 <sup>(1)</sup>		40.0	-12.5		
C	83.36			X	31.2		40.0	-8.8		
C	95.60			X	18.6 <sup>(1)</sup>		43.52	-24.9		

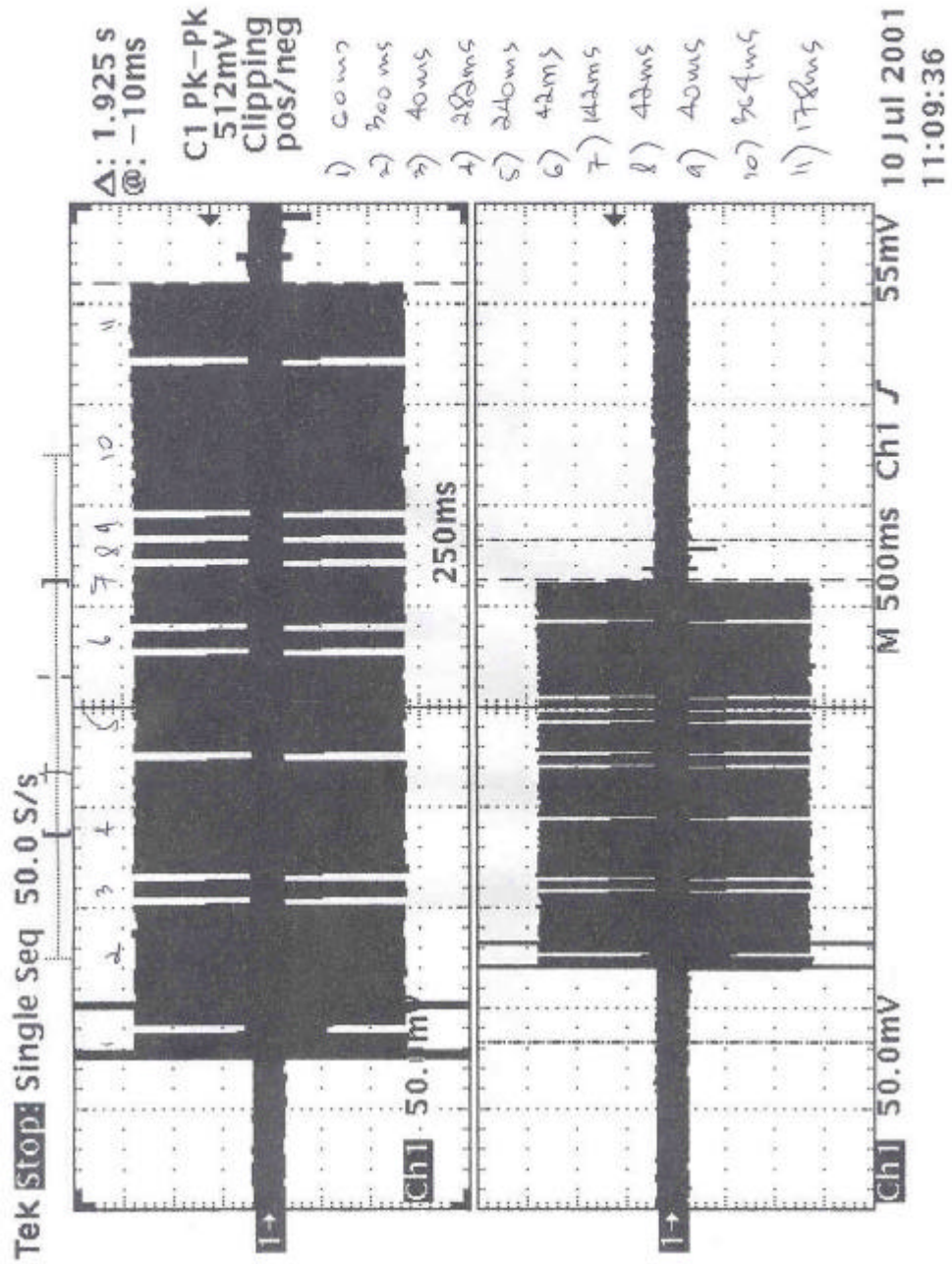
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					Corrected Level <sup>(1)</sup>	Limit		Margin (Δ)	Max Allowed BW	Actual BW
						§15.231(b)	§15.209(a)			
C	103.80			X	27.5		43.52	-16.0		
C	123.20			X	29.8		43.52	-13.7		
C	131.80			X	24.8 <sup>(1)</sup>		43.52	-18.7		
C	135.20			X	36.5		43.52	-7.0		
C	138.6			X	41.0		43.52	-2.5		
C	370.00			X	39.9		46.02	-6.1		
C	622.60			X	40.8		46.02	-5.2		
C	904.10			X	23.0 <sup>(1)</sup>		46.02	-23.0		
C	1455.00			X	43.6		53.98	-10.4		
C	2289.00			X	44.2		53.98	-9.8		
<b>D (f<sub>0</sub>)</b>	<b>286.70</b>	<b>X</b>			<b>68.98</b>	<b>73.74</b>		<b>-4.8</b>	<b>750 kHz</b>	<b>143 kHz</b>
D	42.40			X	26.0 <sup>(1)</sup>		40.0	-14.0		
D	45.76			X	27.7 <sup>(1)</sup>		40.0	-12.3		
D	49.52			X	24.2 <sup>(1)</sup>		40.0	-15.8		
D	52.72			X	26.0 <sup>(1)</sup>		40.0	-14.0		
D	70.32			X	27.0 <sup>(1)</sup>		40.0	-13.0		
D	79.36			X	19.8 <sup>(1)</sup>		40.0	-20.2		
D	83.60			X	24.0 <sup>(1)</sup>		40.0	-16.0		
D	96.80			X	33.3		43.52	-10.2		
D	116.50			X	24.8 <sup>(1)</sup>		43.52	-18.7		
D	119.50			X	27.6		43.52	-15.9		
D	152.20			X	40.4		43.52	-3.1		
D	247.77			X	35.2		46.02	-10.8		
D	331.4			X	35.0		46.02	-11.0		
D	360.00			X	36.4		46.02	-9.6		
D	573.40		X		46.4	61.9		-15.5		
D	720.2			X	25.6		46.02	-20.4		
D	1842.00			X	43.1		53.98	-10.9		
D	2112.00			X	41.7		53.98	-12.3		

<sup>(1)</sup> Levels are given as peak if below appropriate the limit, otherwise quasipeak measurements will be made. Quasipeak values will be indicated by the superscript "<sup>(1)</sup>" following the Corrected Value.

### 1.1.2 Engineering Data Sheets & Waveform Plots

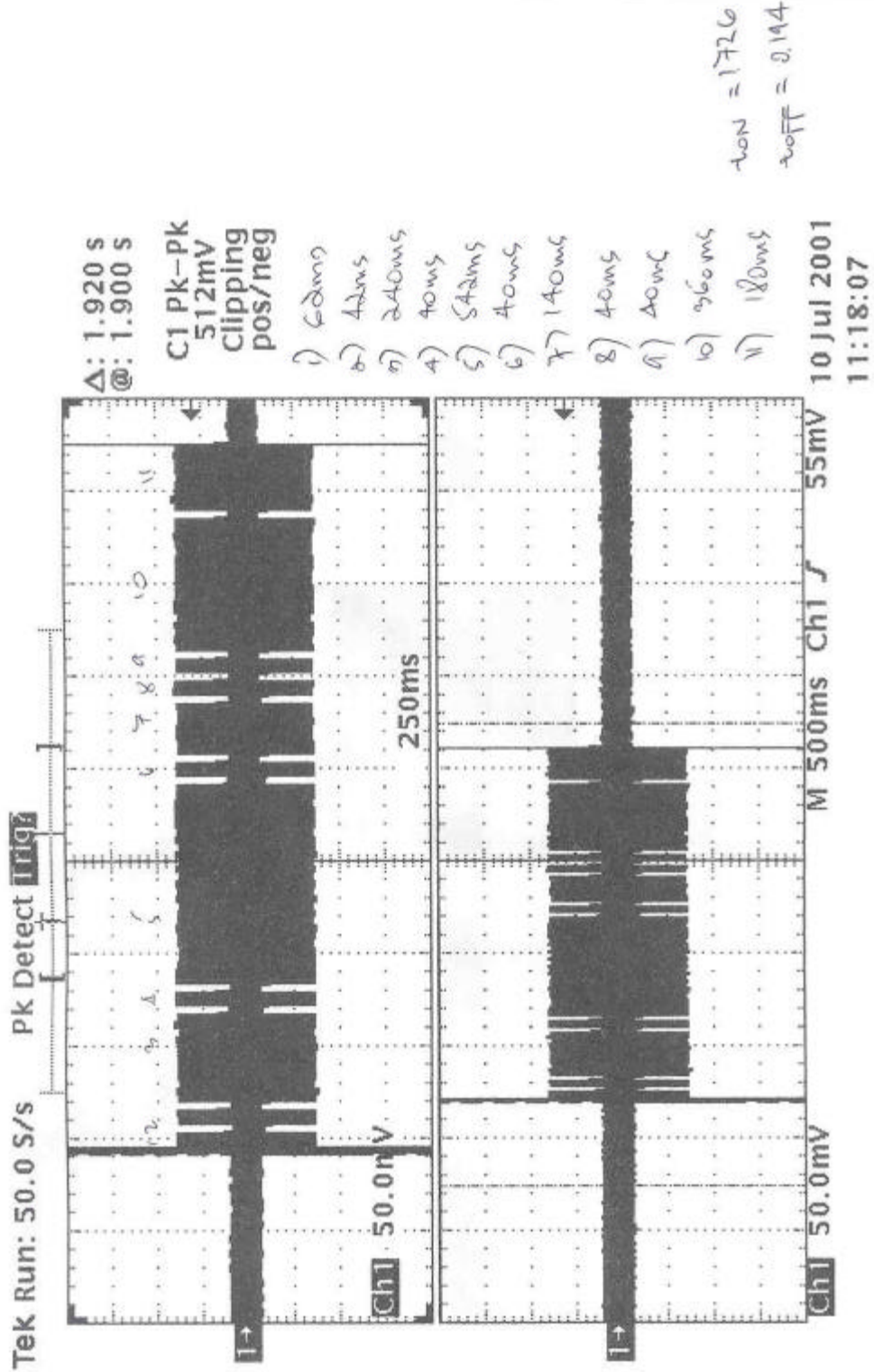
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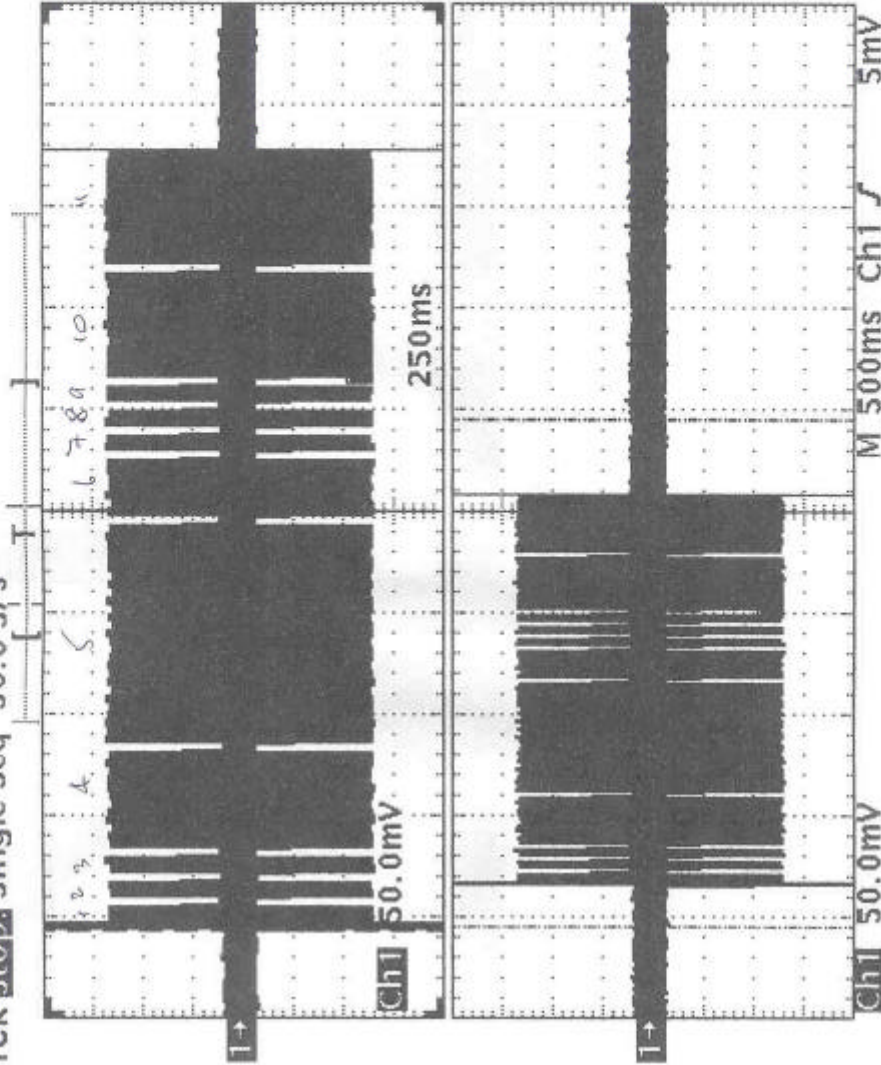


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# PD68  
Ch C

Tek Stop: Single Seq 50.0 S/s



Δ: 1.925 s  
@: 545ms

C1 PK-PK  
424mV

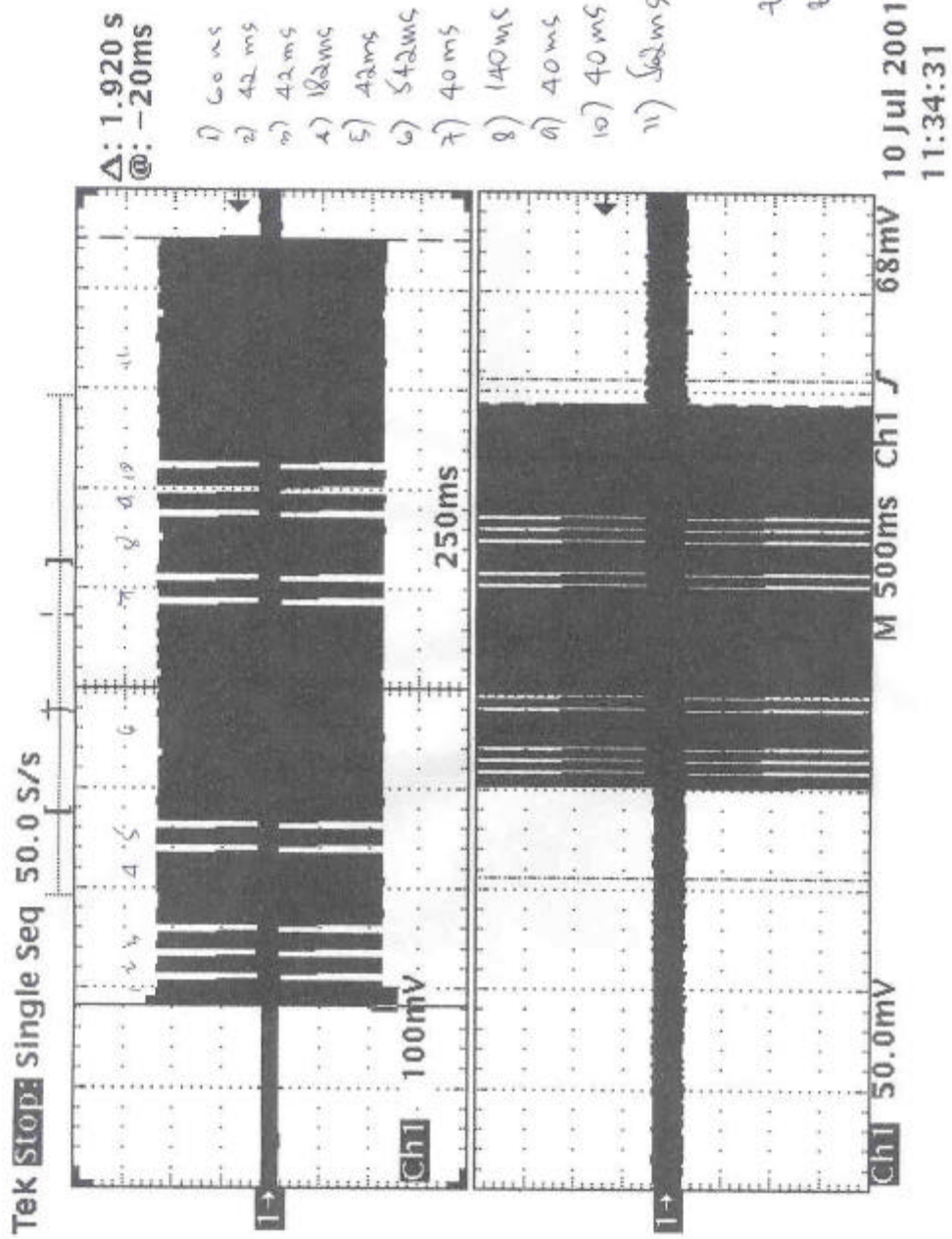
- 1) 60ms
- 2) 40ms
- 3) 40ms
- 4) 242ms
- 5) 542ms
- 6) 140ms
- 7) 40ms
- 8) 40ms
- 9) 40ms
- 10) 262ms
- 11) 282ms

$t_{on} = 1.728 s$   
 $t_{off} = 0.197$

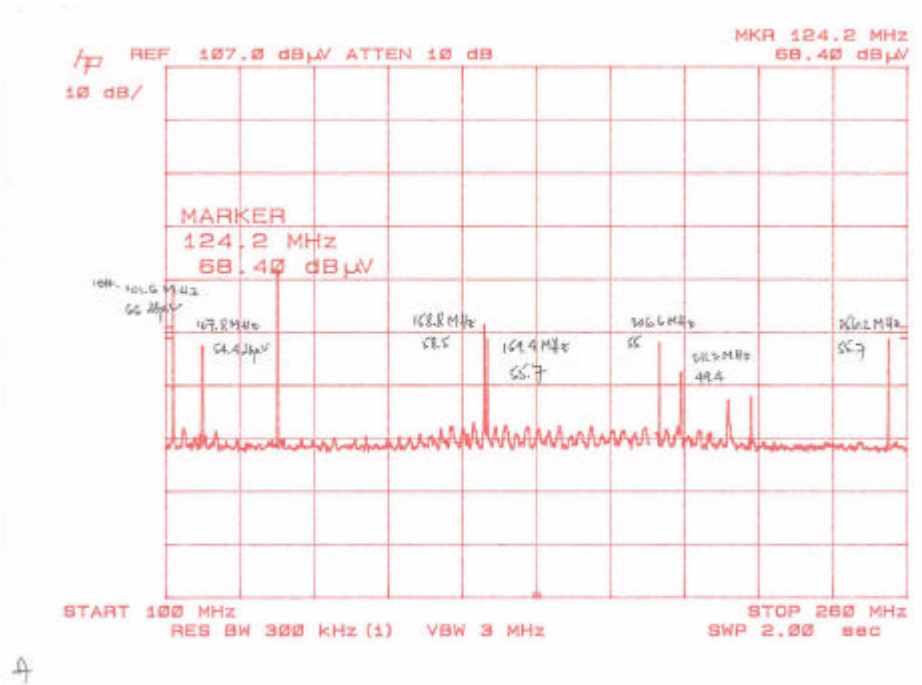
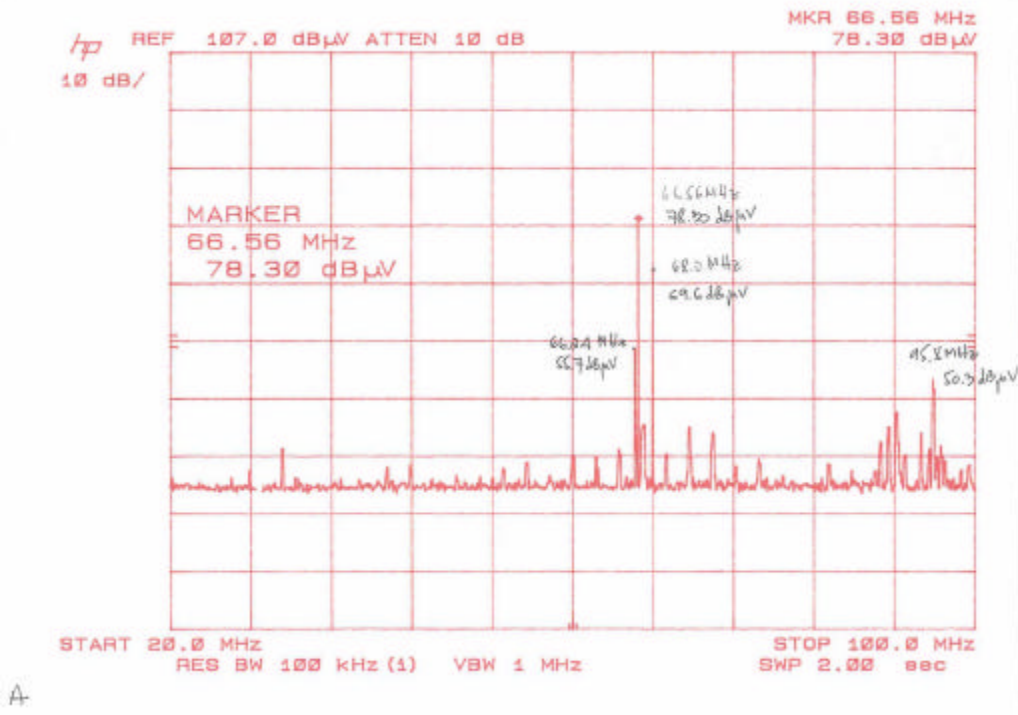
10 Jul 2001  
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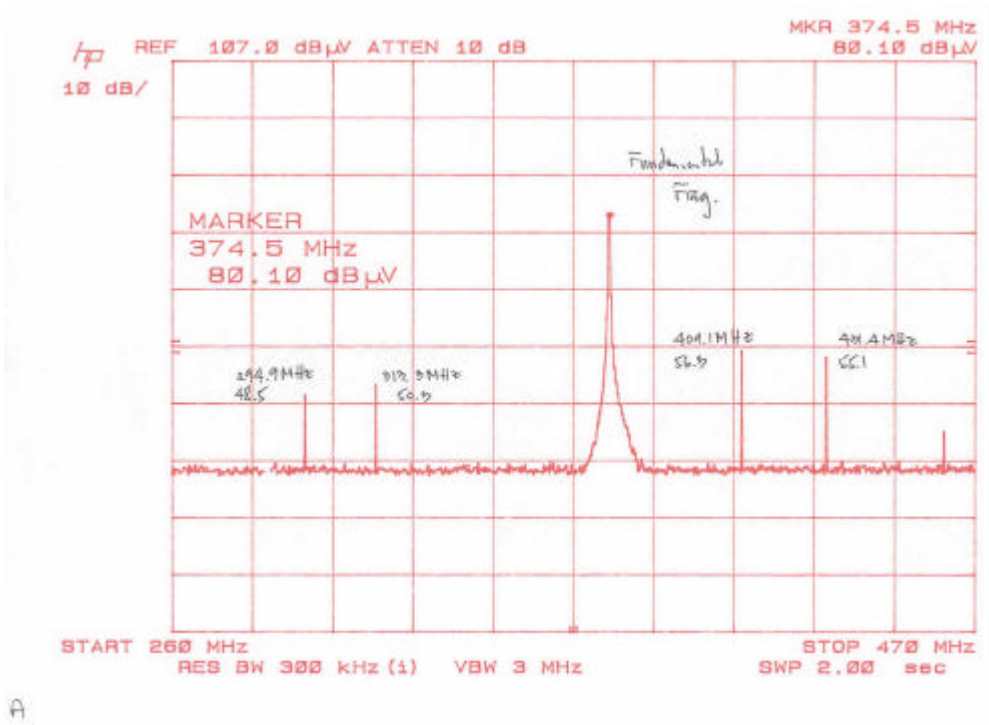
ENGINEERING TEST DATA SHEET																																																																			
<b>Customer:</b>	SkyLink Technologies	<b>MJO No:</b>	171 - 0800																																																																
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# 10 GB  
Ch 1

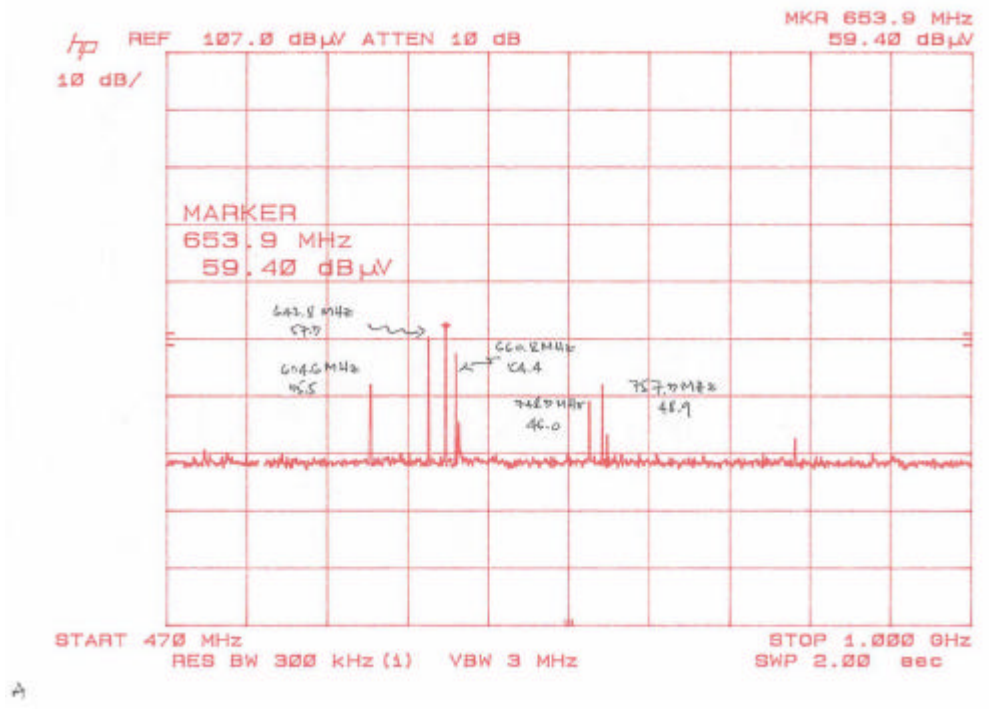


1.1.3 Model PD68 Emissions Plots, Channel A

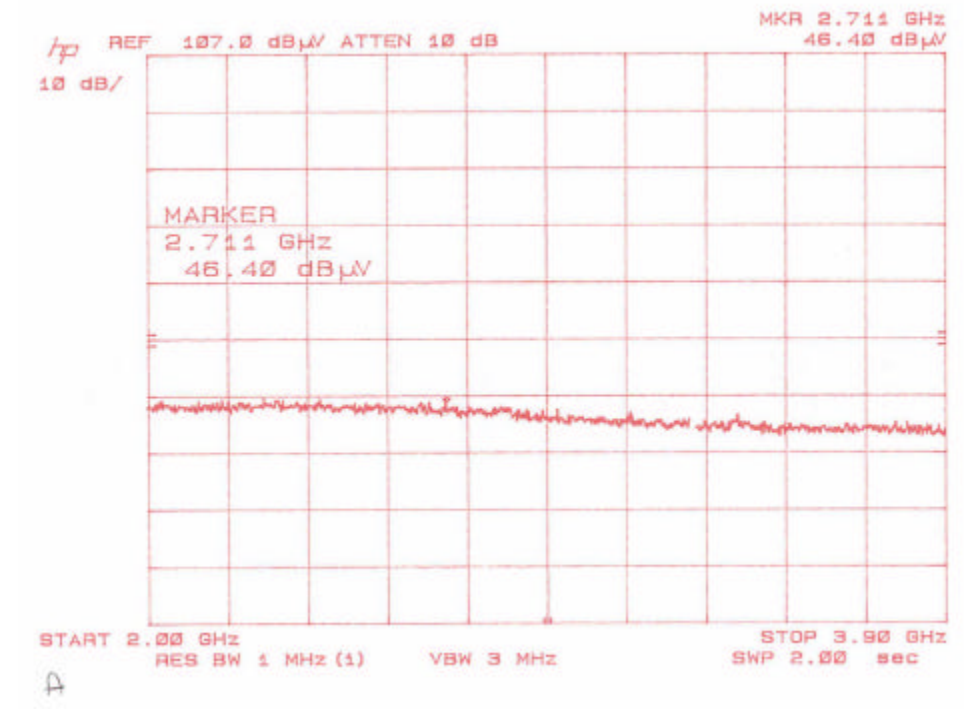
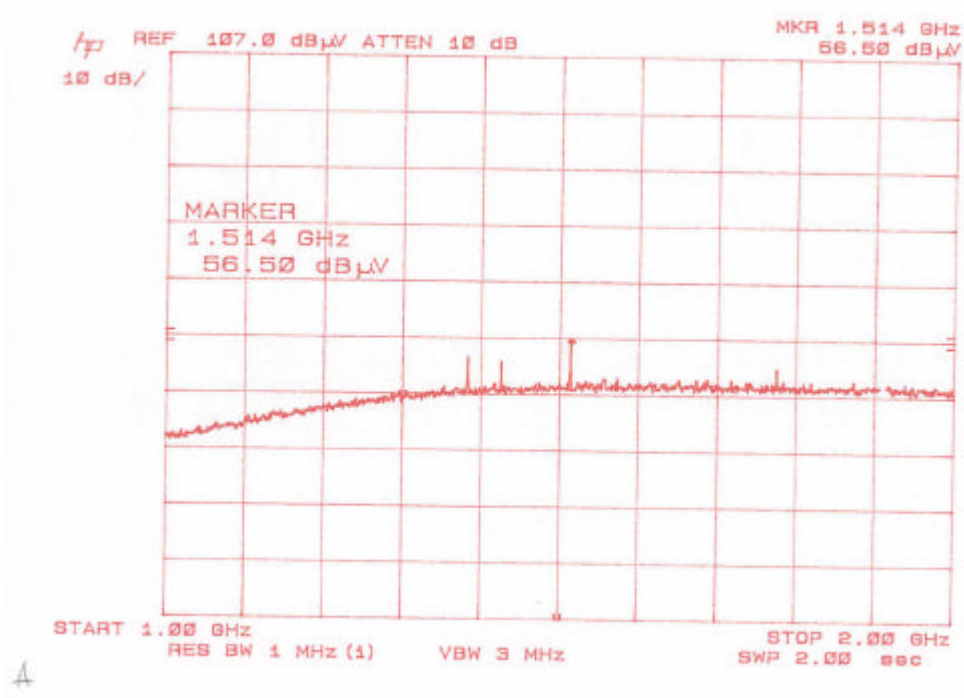


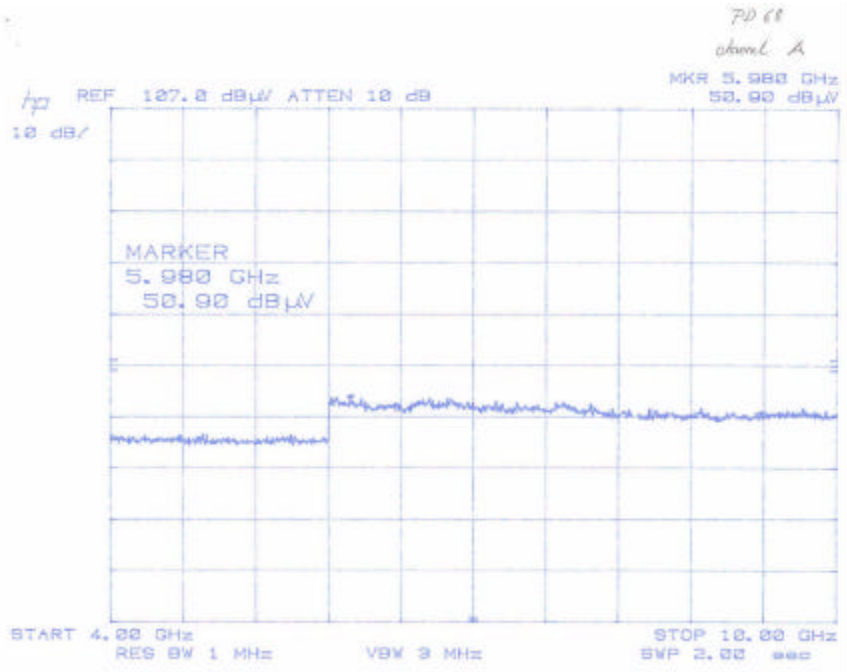


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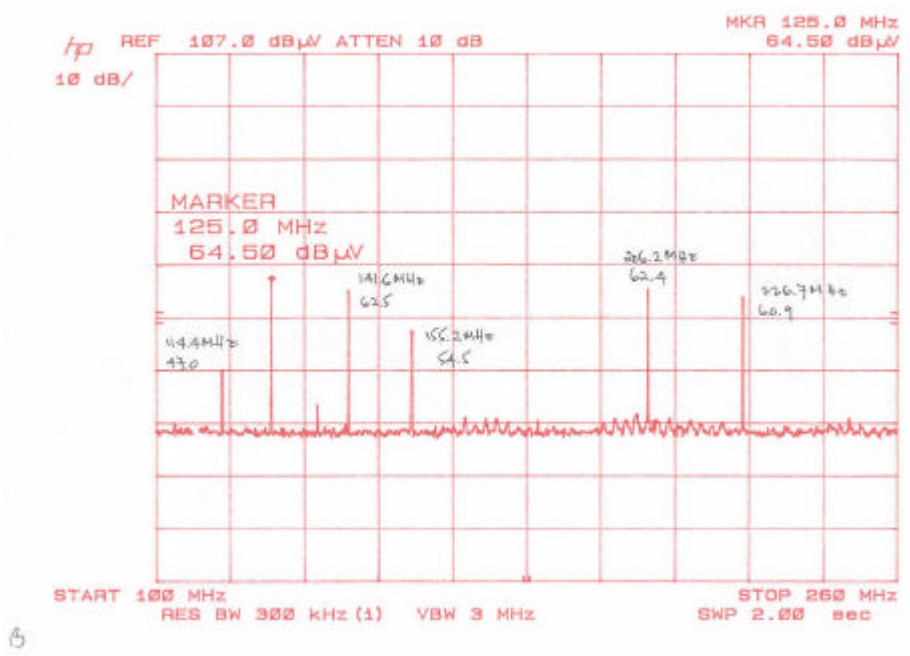
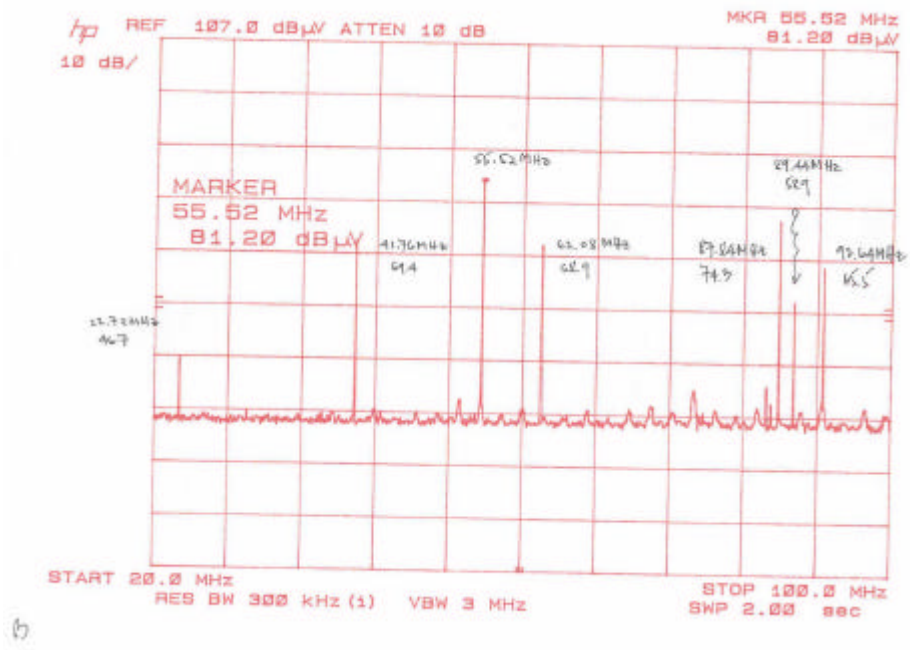


A

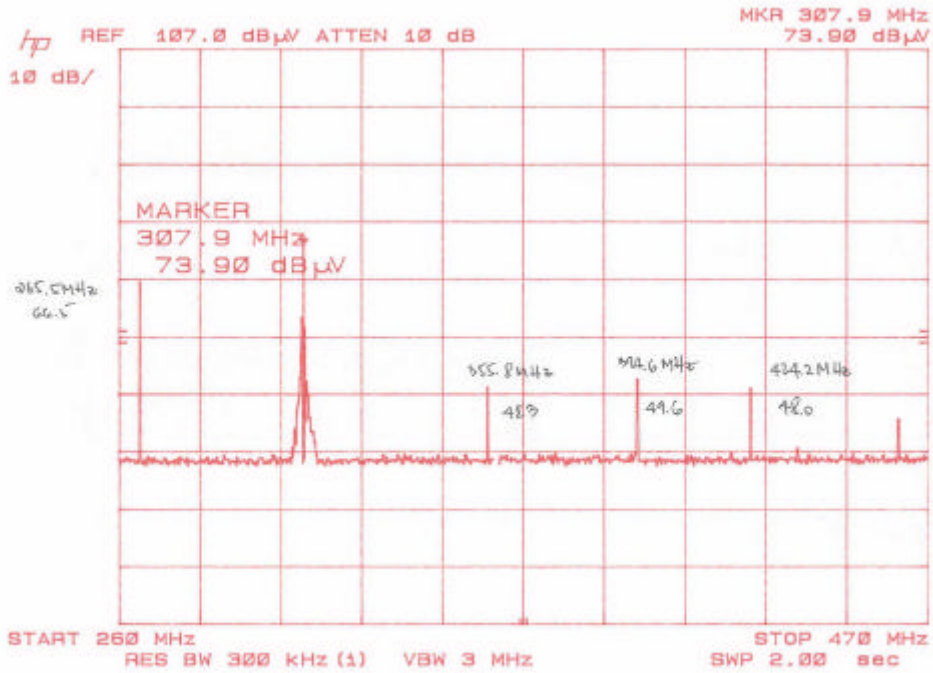




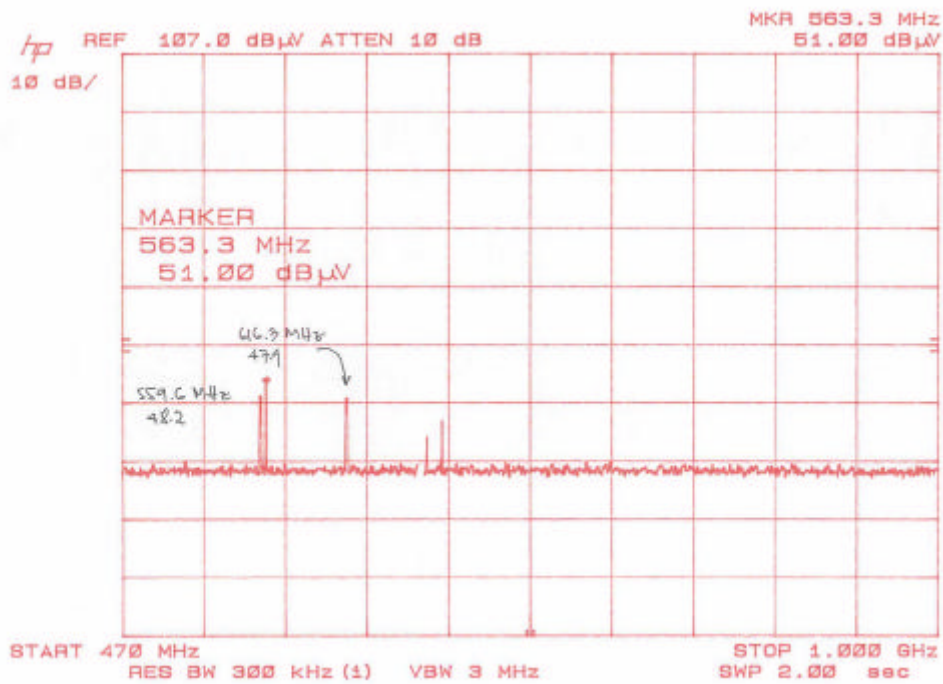
**1.1.4 Model PD68 Emissions Plots, Channel B**



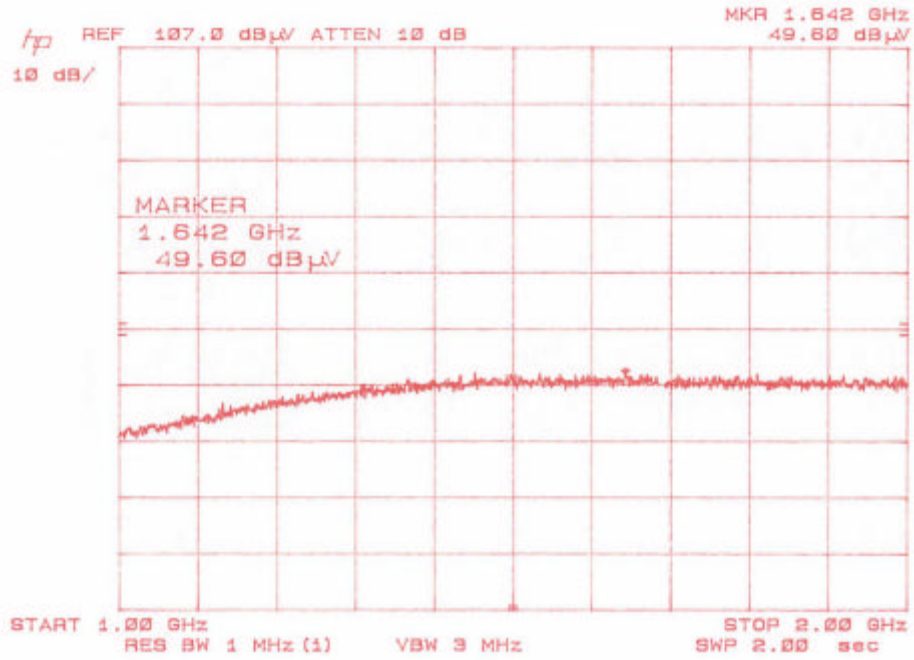




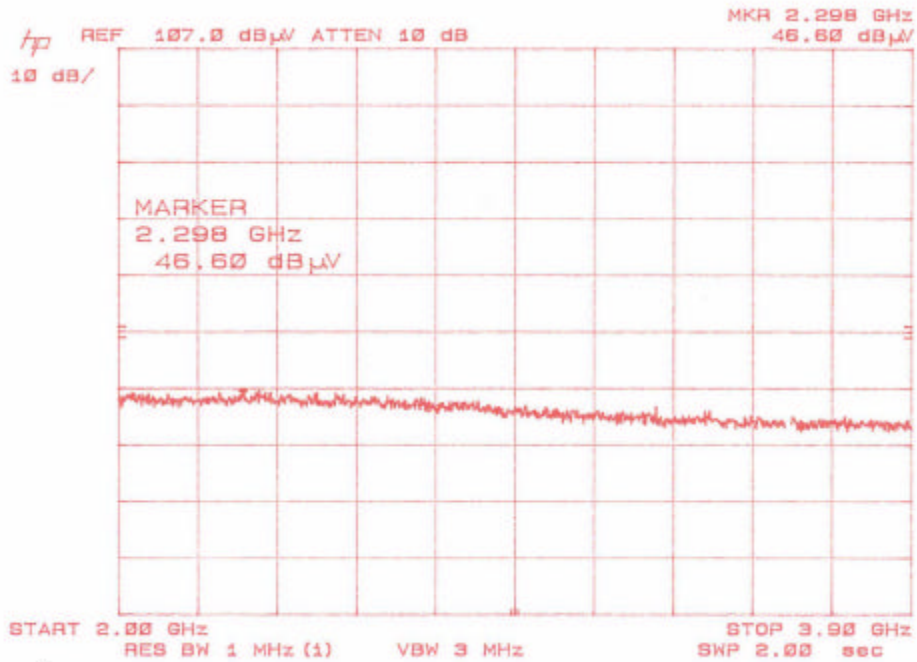
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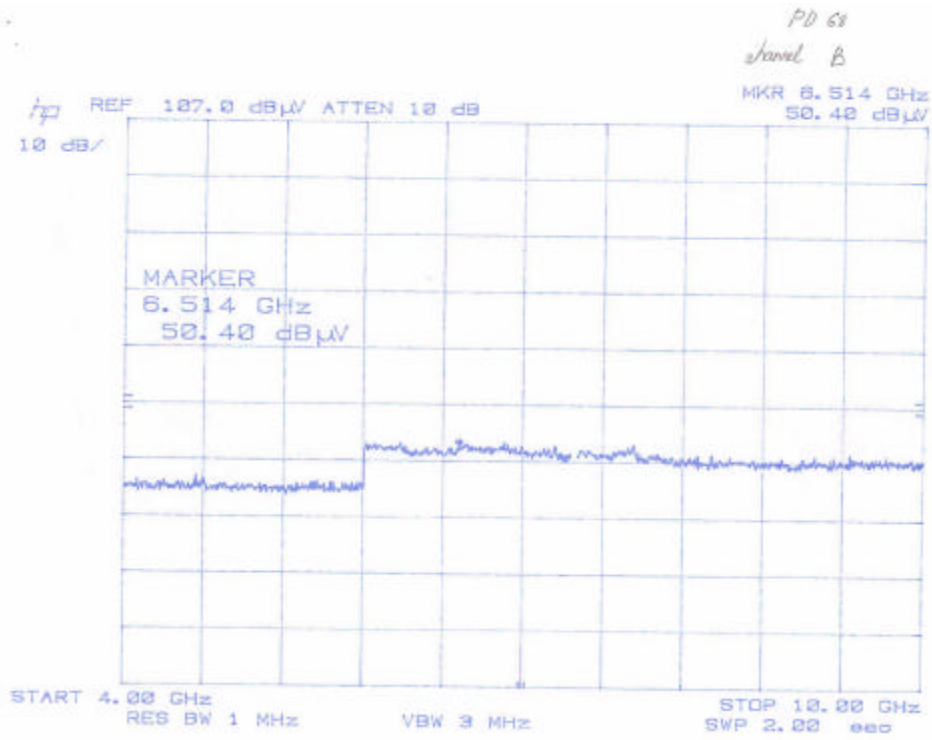
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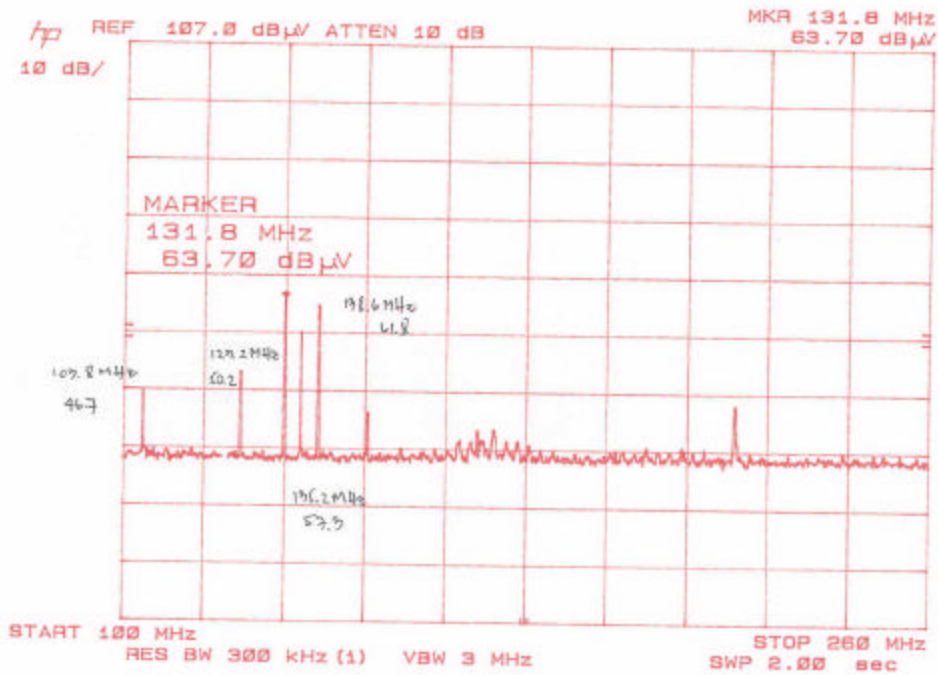
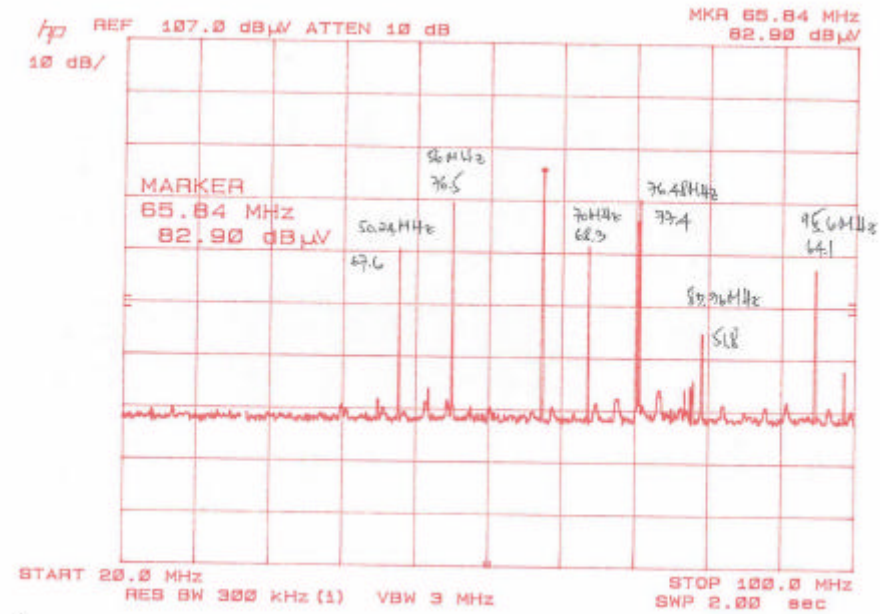
B

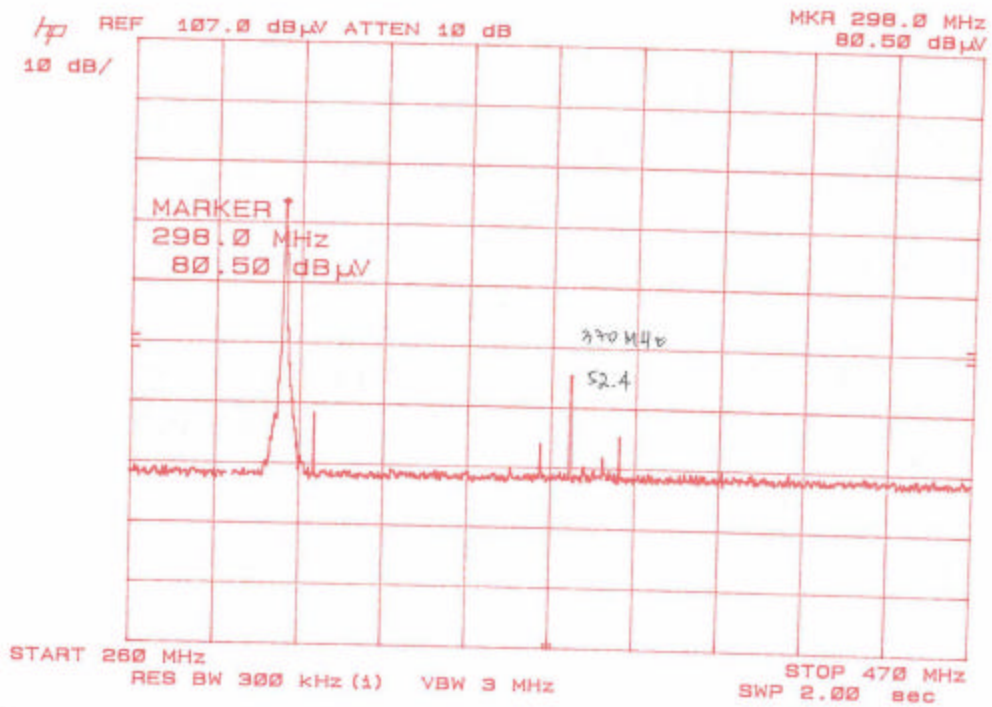


B

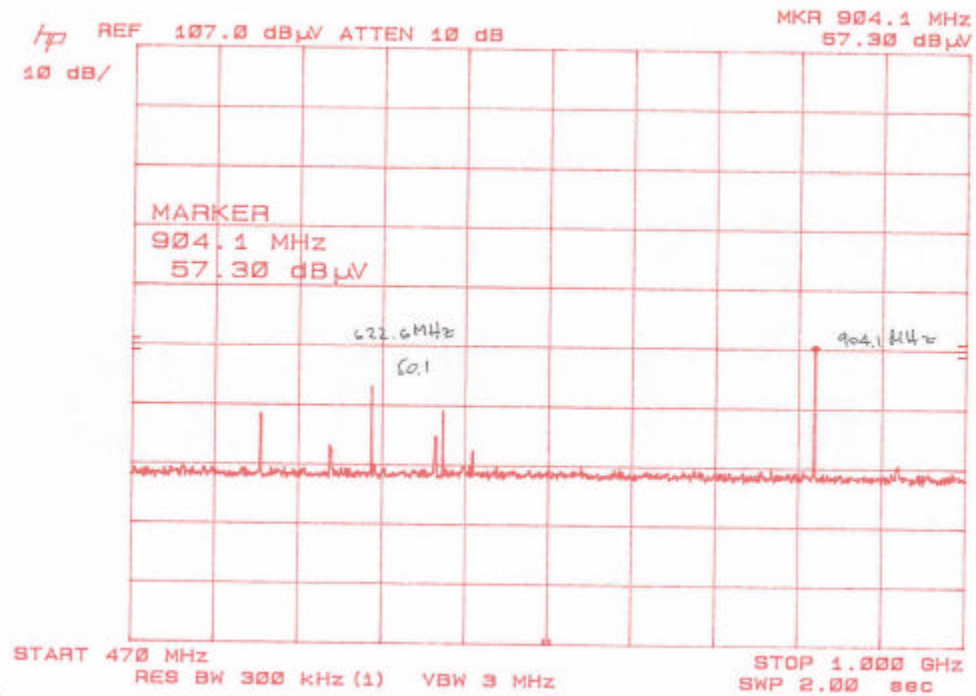


1.1.5 Model PD68 Emissions Plots, Channel C

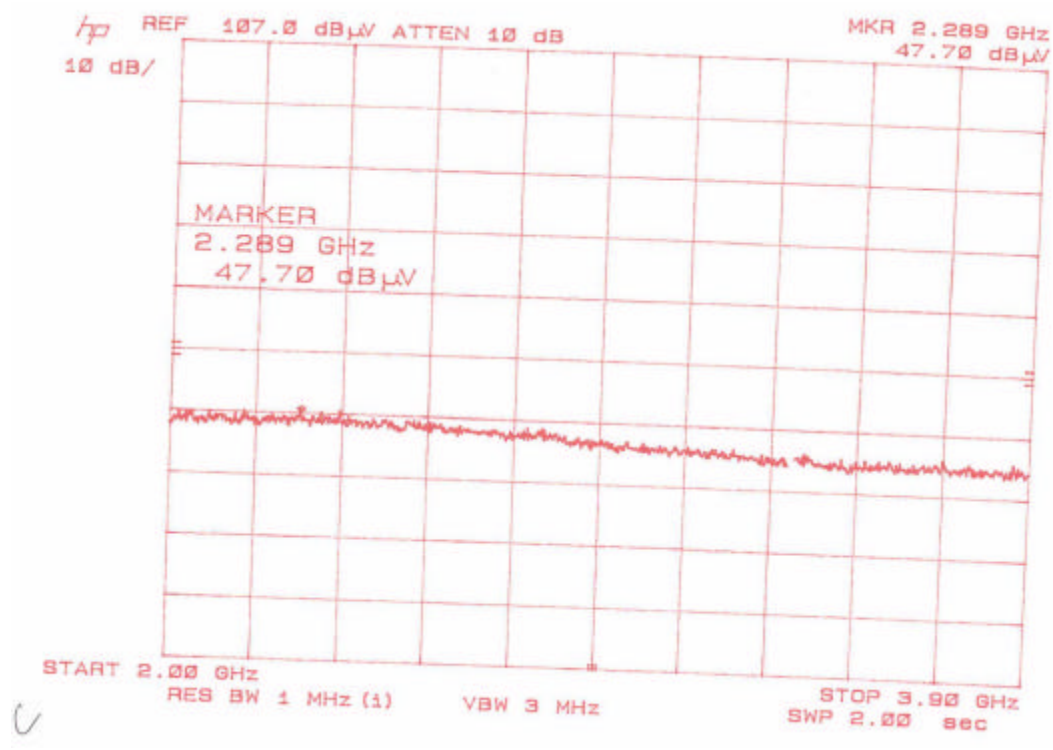
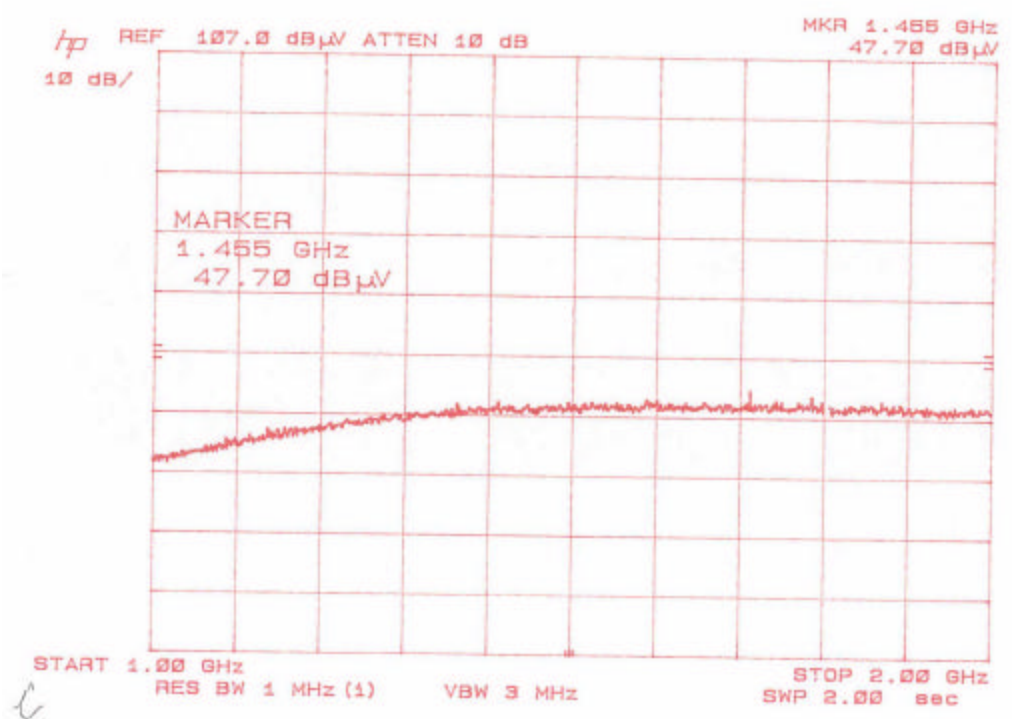


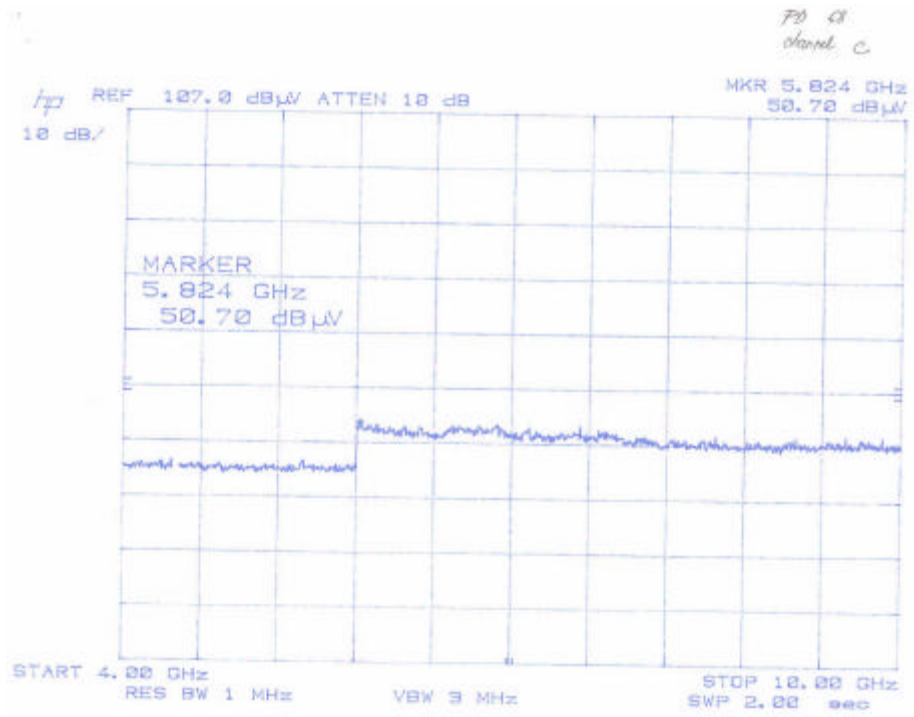


c



c





1.1.6 Model PD68 Emissions Plots, Channel D

