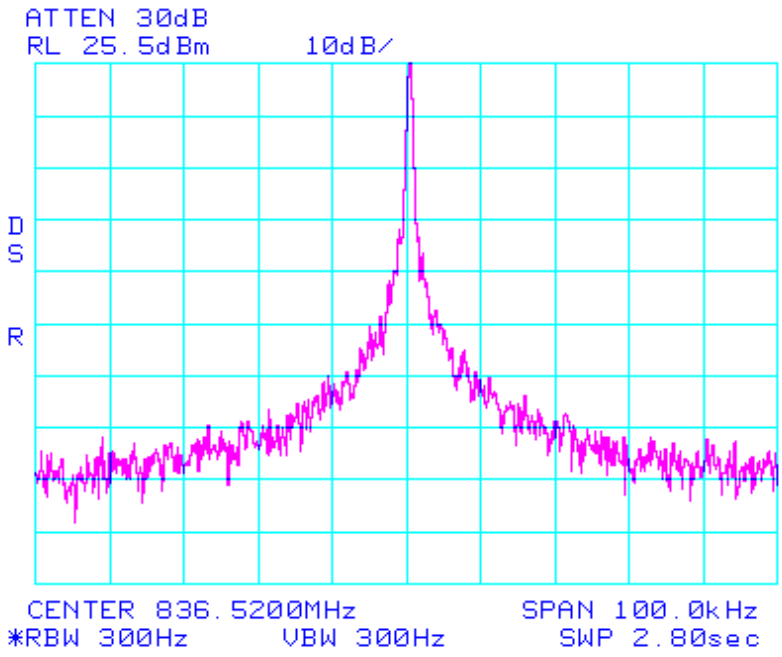
ATTACHMENT D: TEST PLOTS

1. AMPS

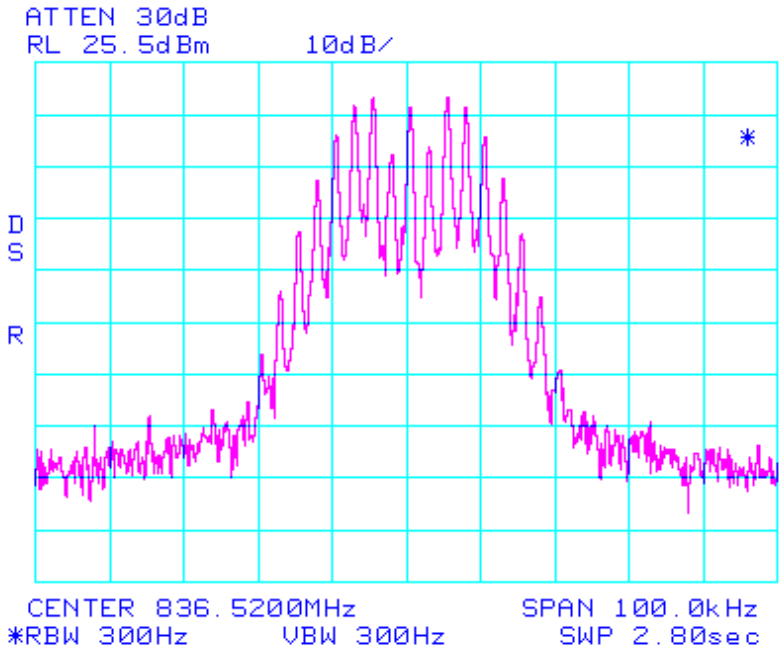
2. TDMA

1. AMPS Mode

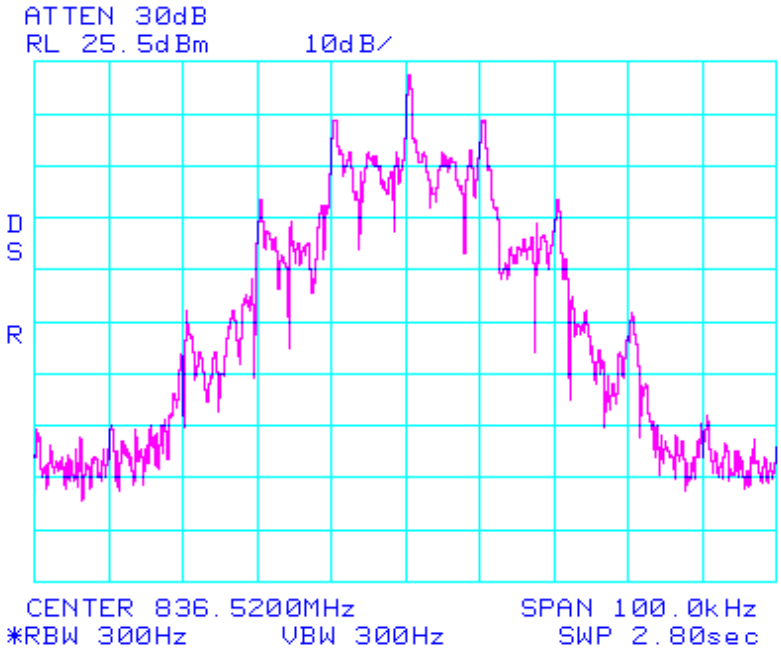
Test Mode: Unmodulated Signal



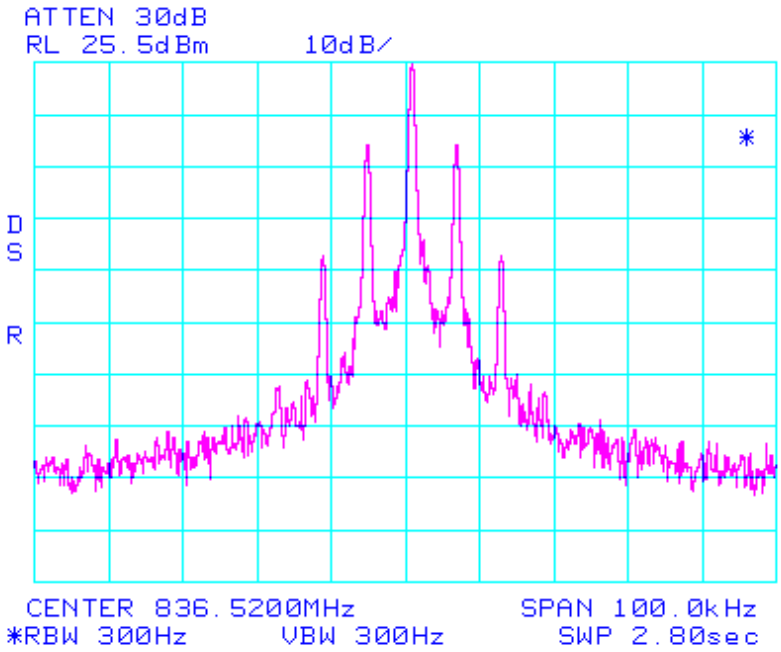
Test Mode: Voice



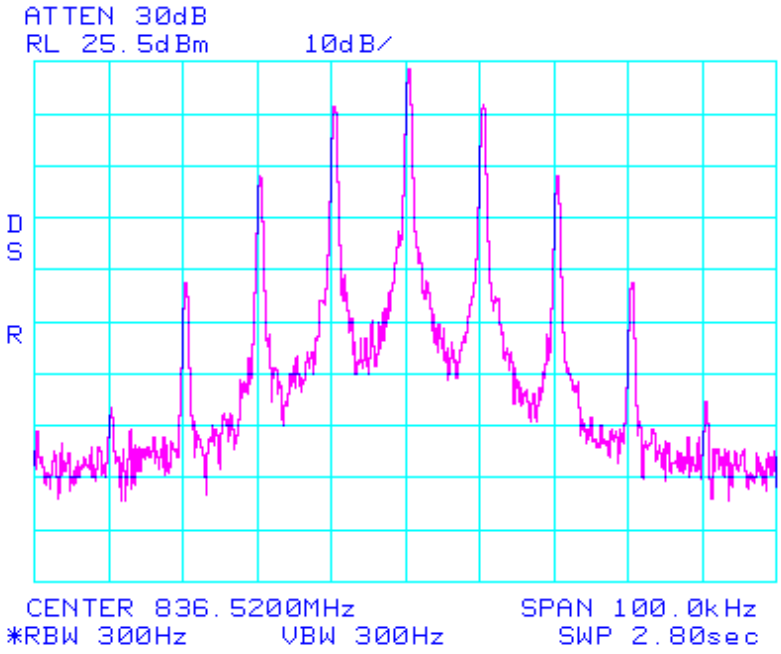
Test Mode: Wide Band Data



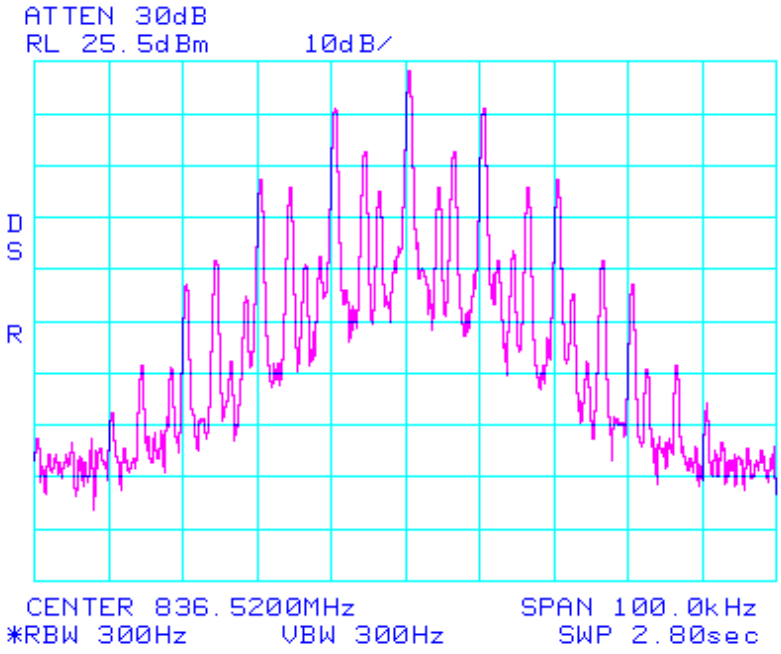
Test Mode: SAT



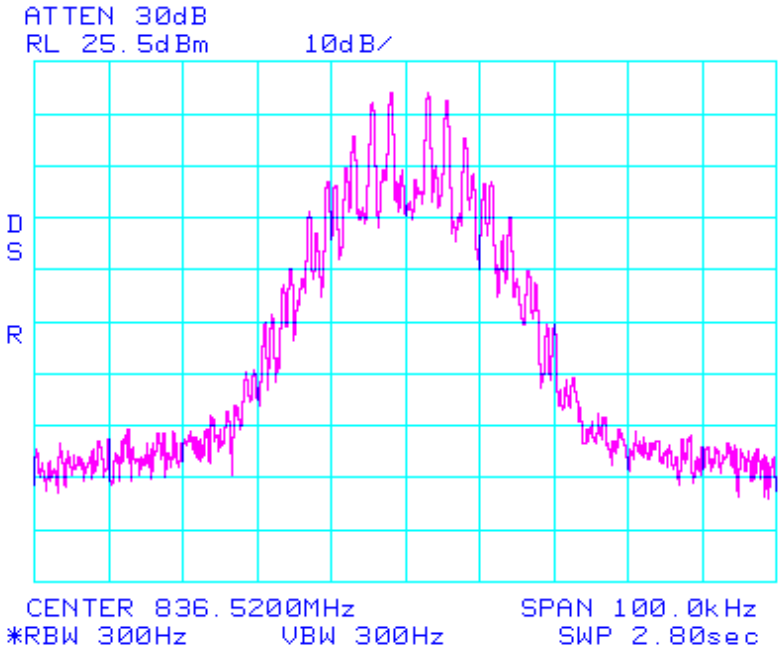
Test Mode: ST



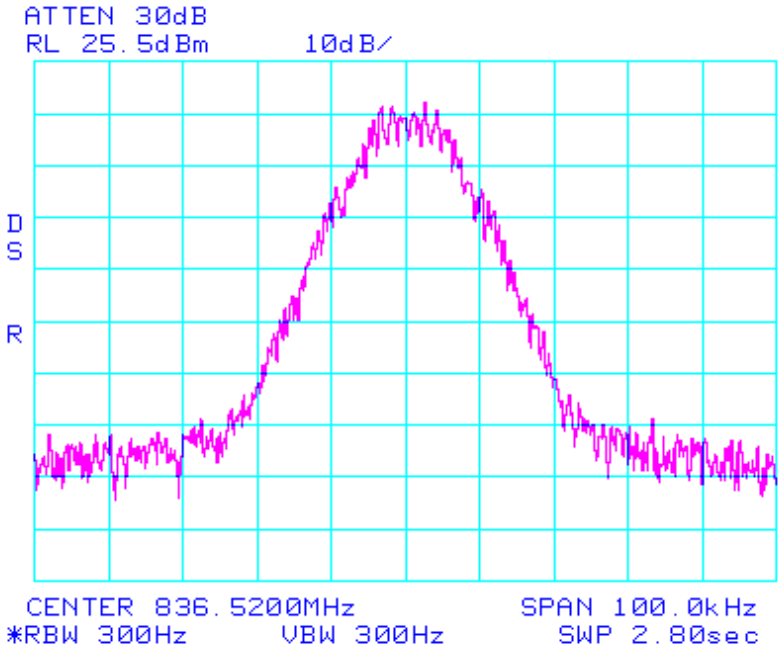
Test Mode: SAT + ST



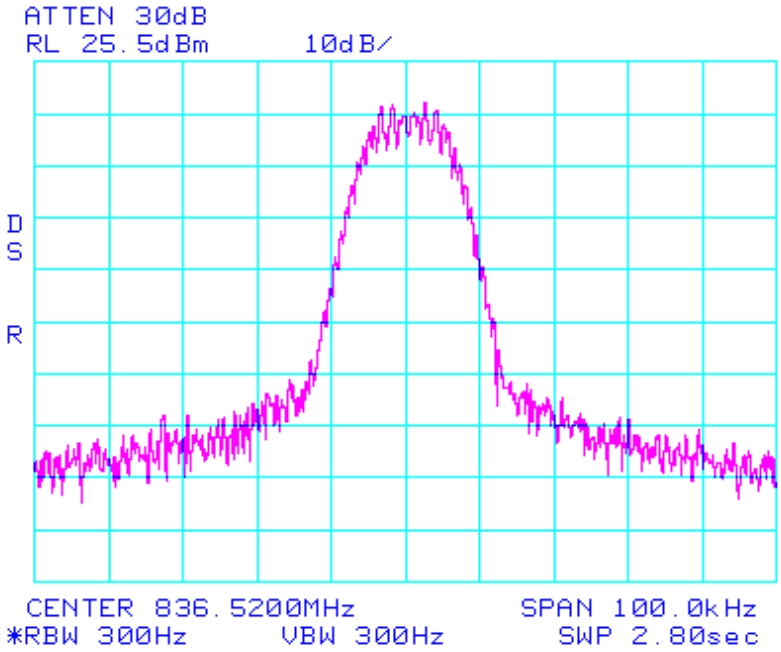
Test Mode: SAT + Voice



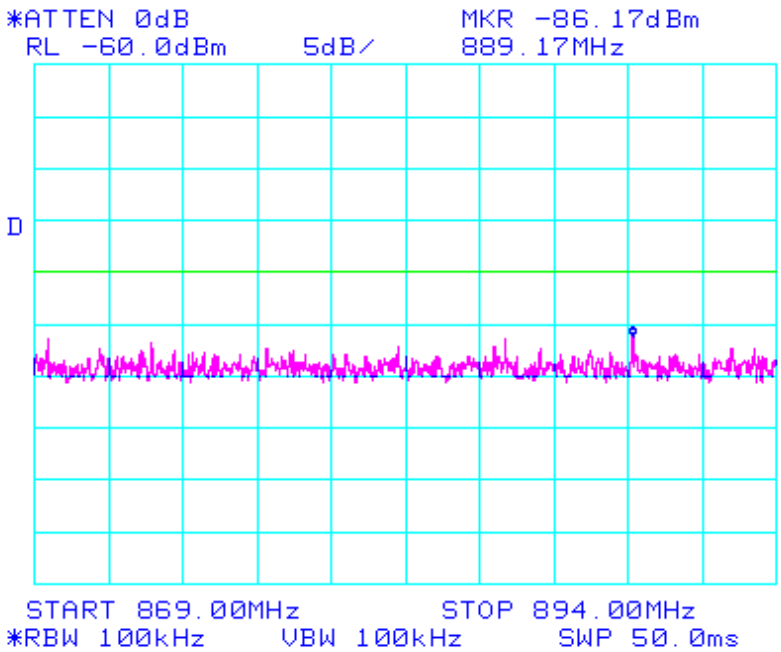
Test Mode: SAT + DTMF



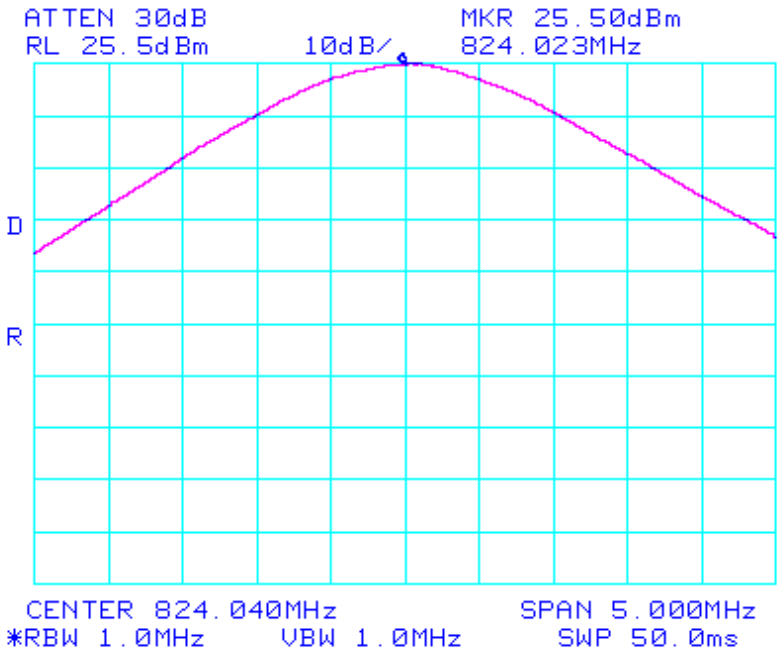
Test Mode: DTMF



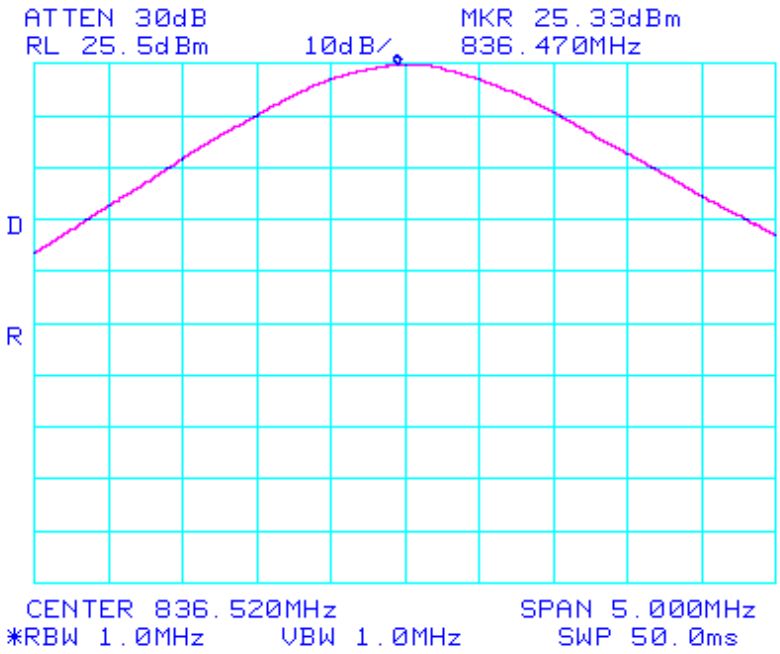
Test Mode: AMPS Receiving Band



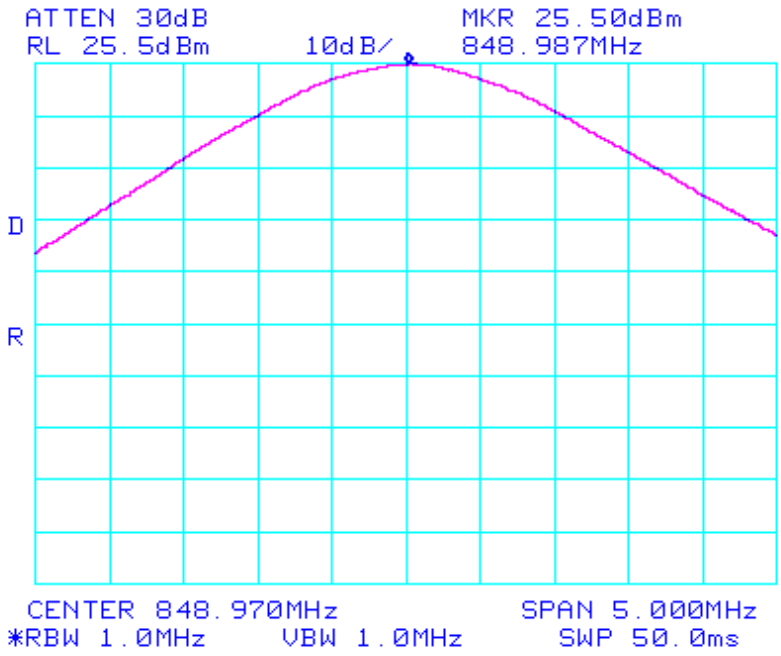
AMPS Power Out. CH. 0991



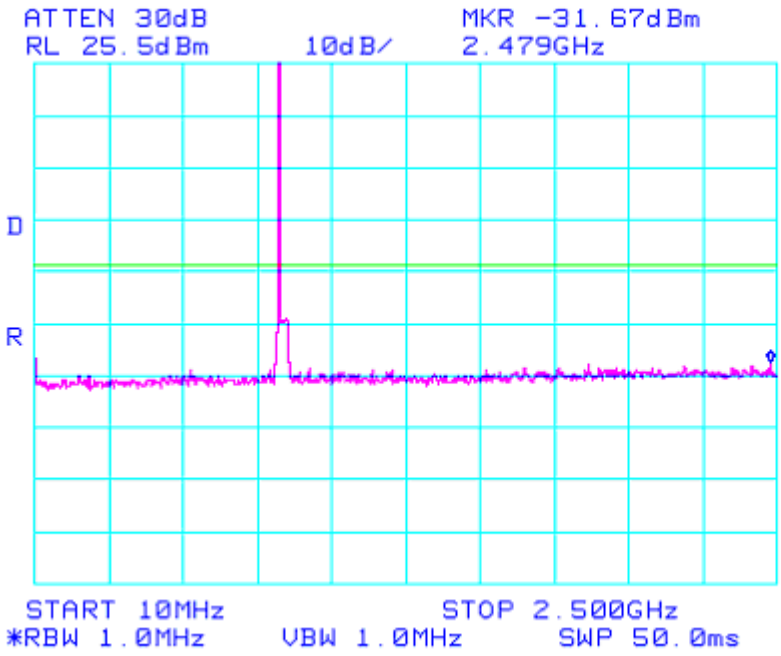
AMPS Power Out. CH. 0384

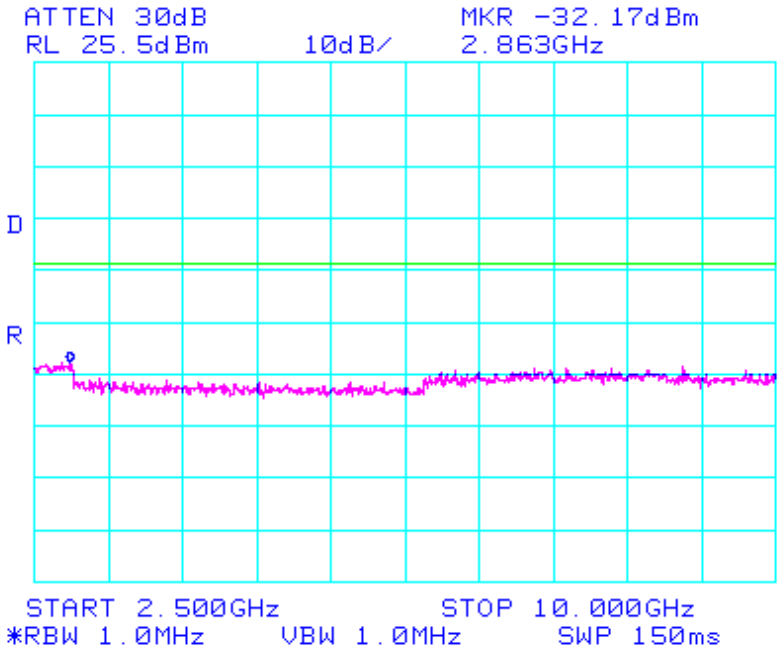


AMPS Power Out. CH. 0799

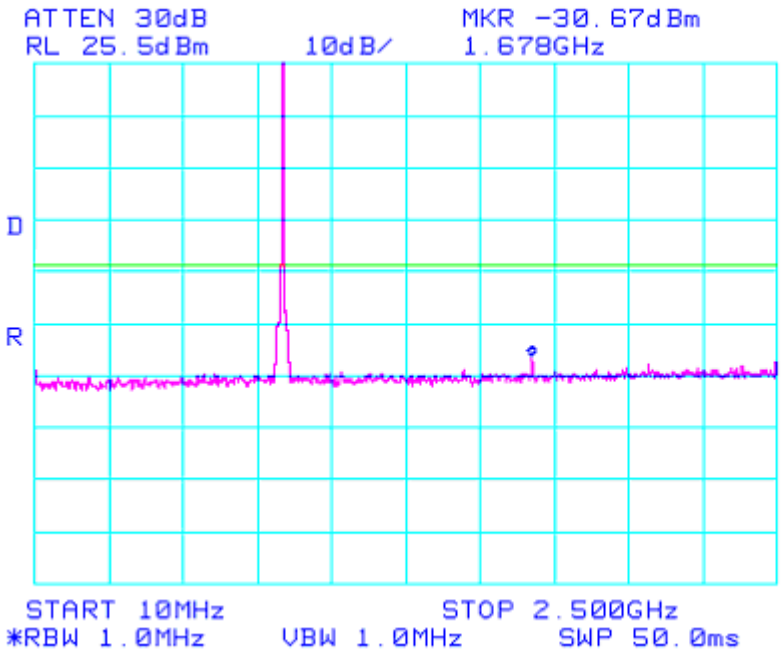


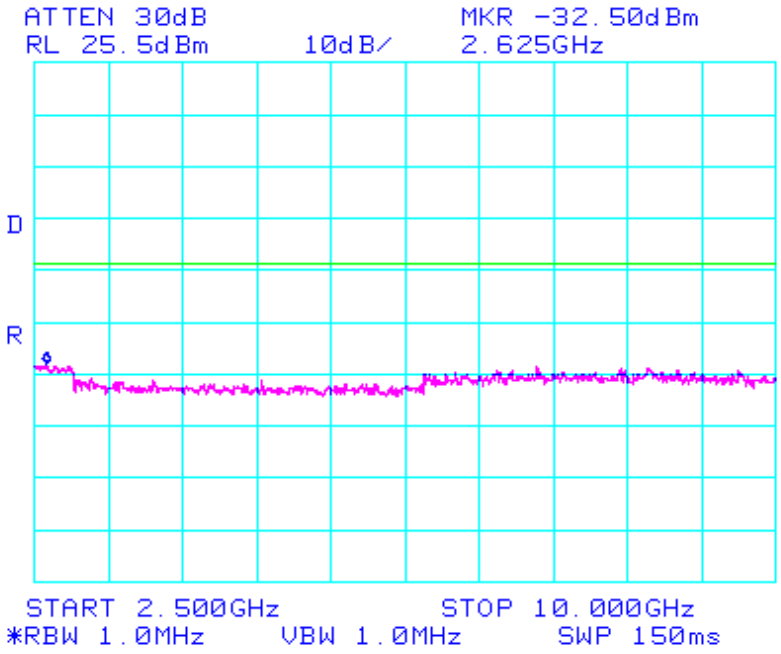
AMPS Conducted Spurious CH. 0991



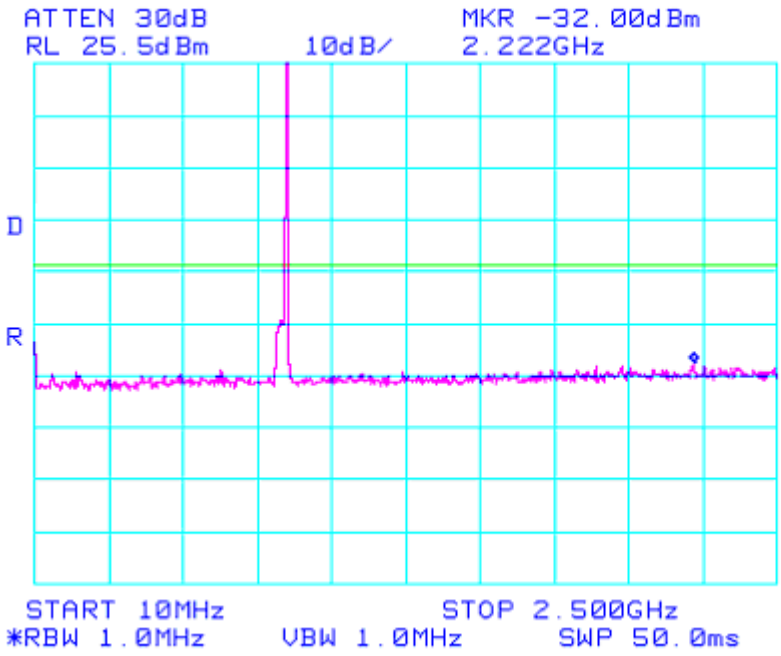


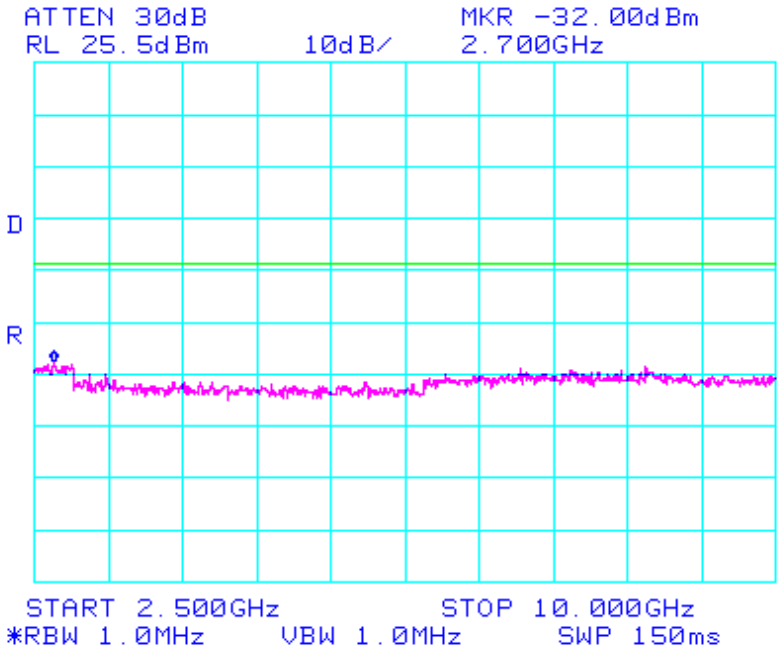
AMPS Conducted Spurious CH. 0384



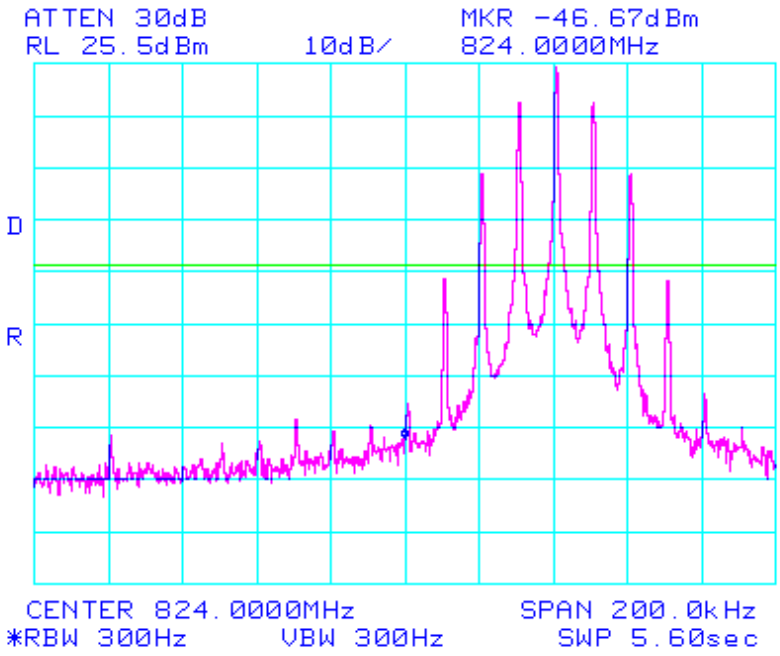


AMPS Conducted Spurious CH. 0799

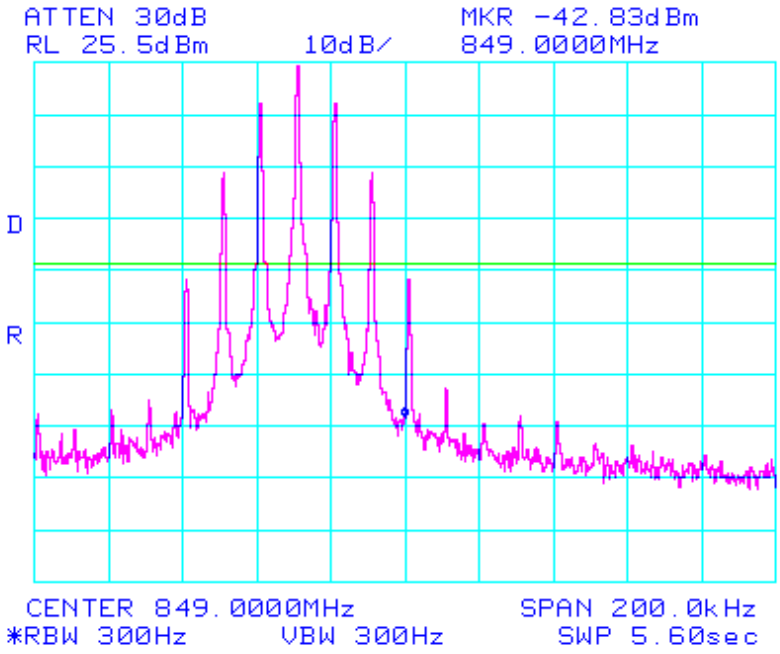




AMPS Band Edge LOW CHANNEL

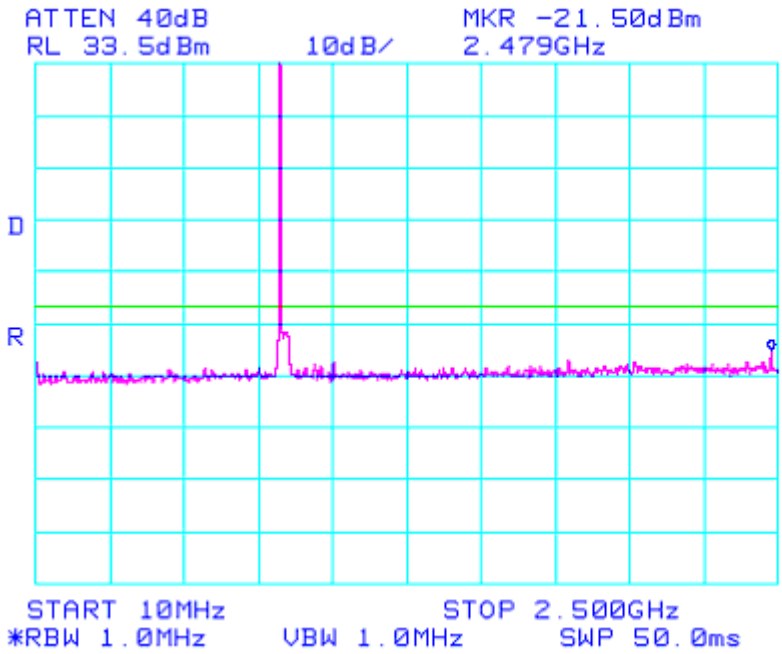


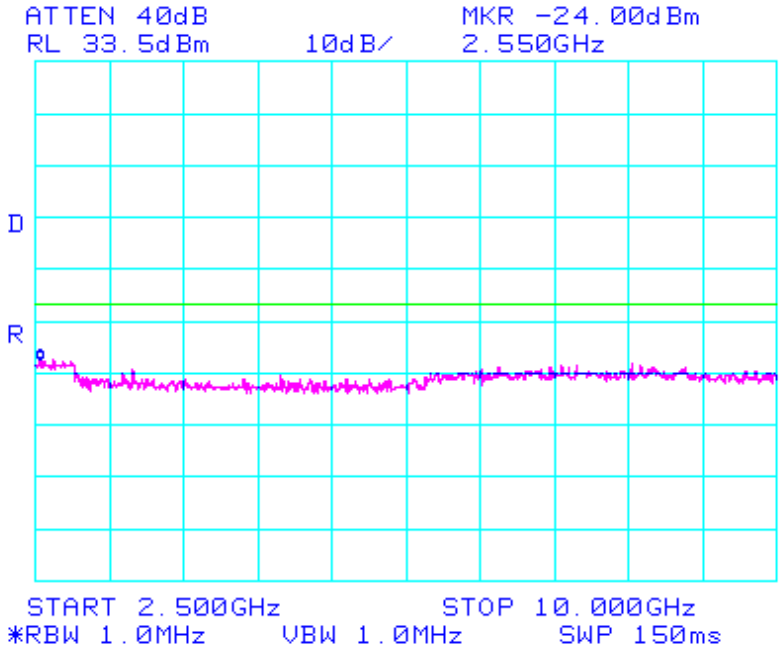
AMPS Band Edge HIGH CHANNEL



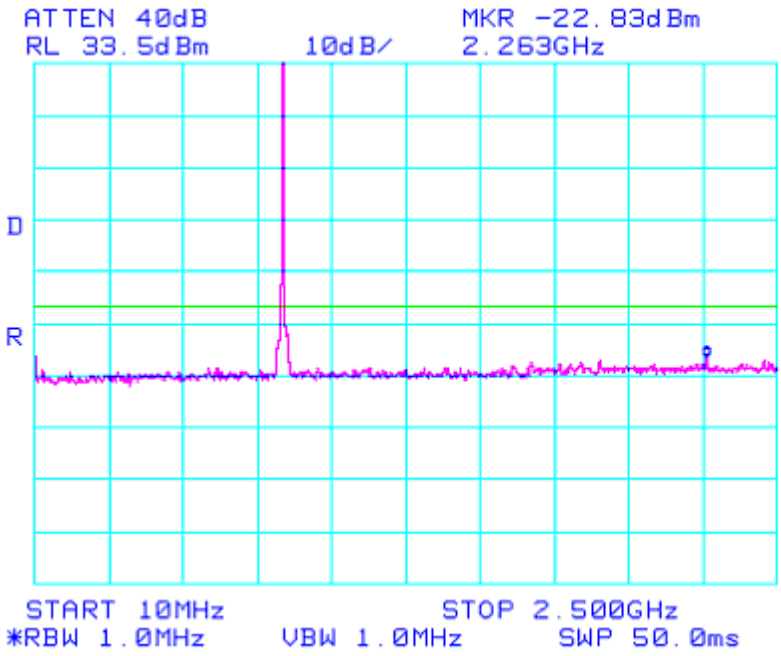
2. TDMA Mode

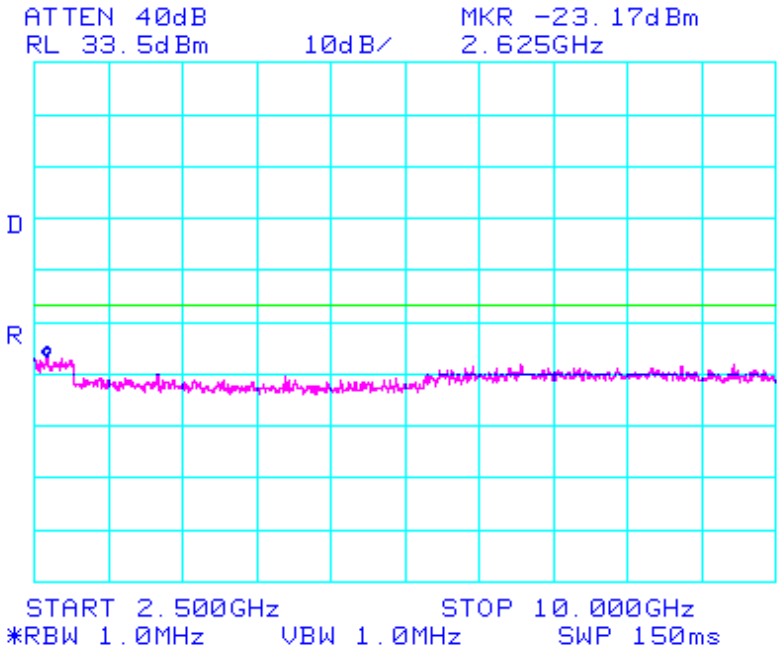
Conducted Spurious TDMA Ch. 0991



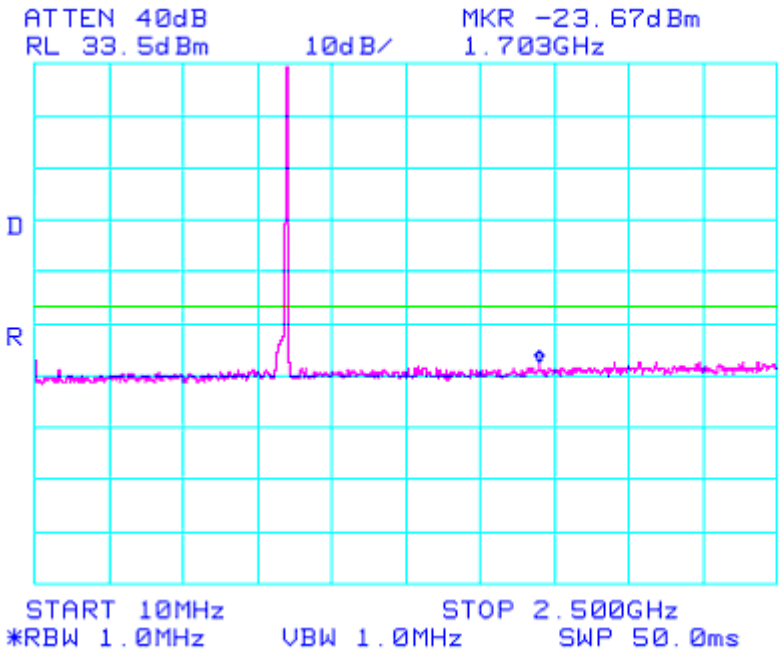


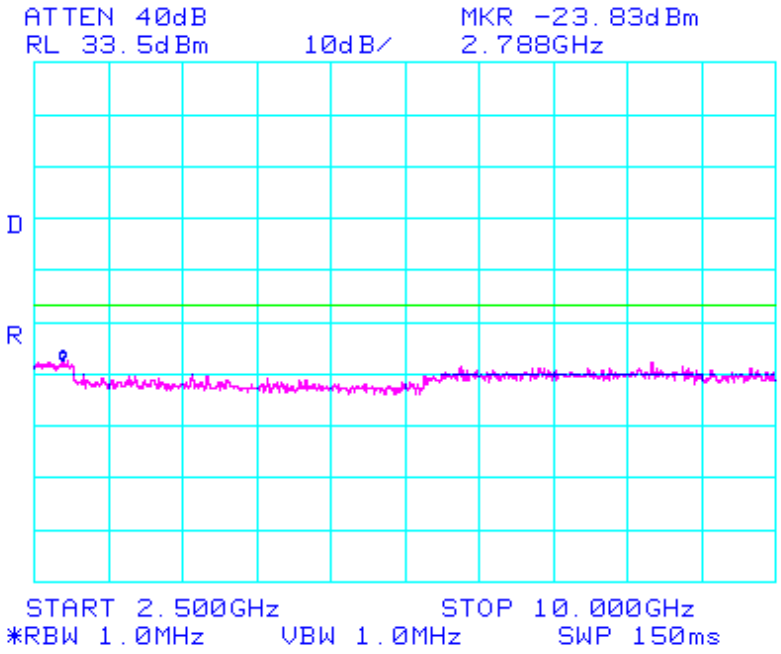
Conducted Spurious TDMA Ch. 0384



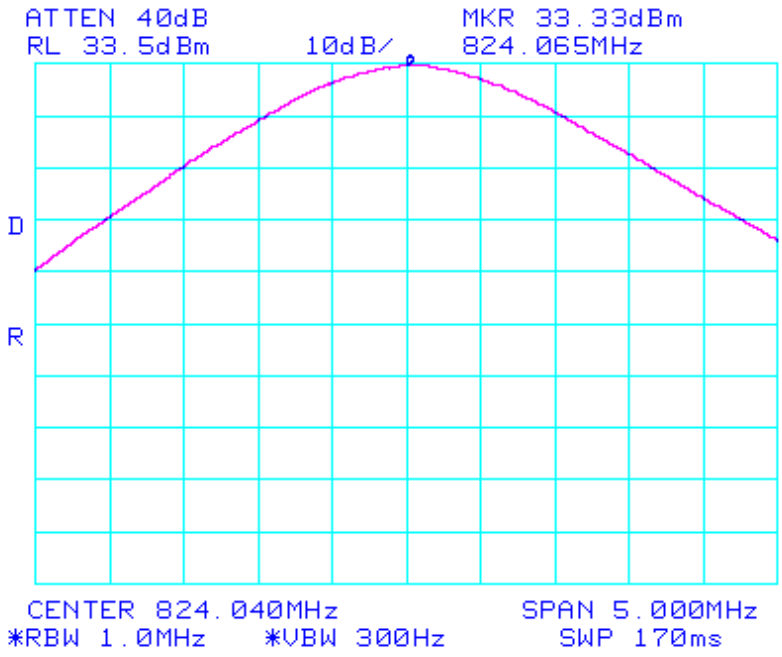


Conducted Spurious TDMA Ch. 0799

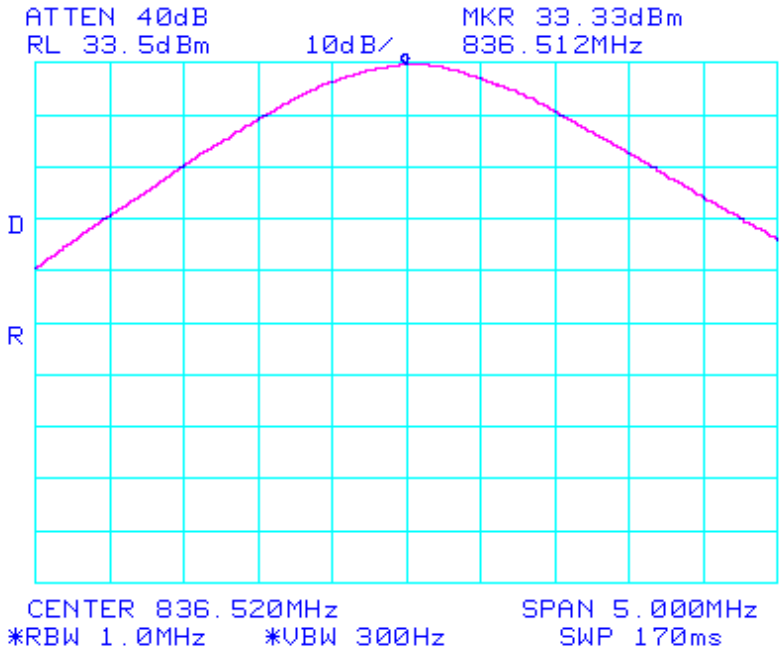




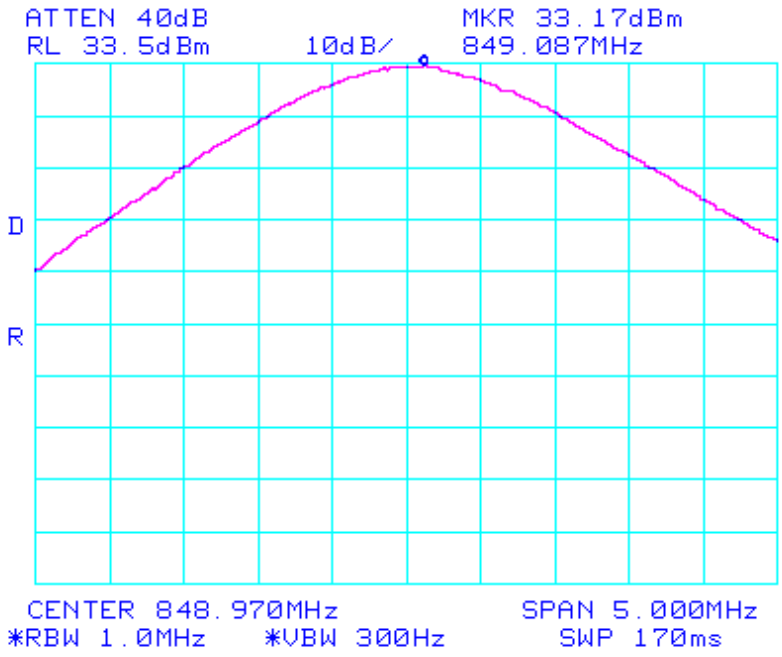
Power Out. TDMA Ch. 0991



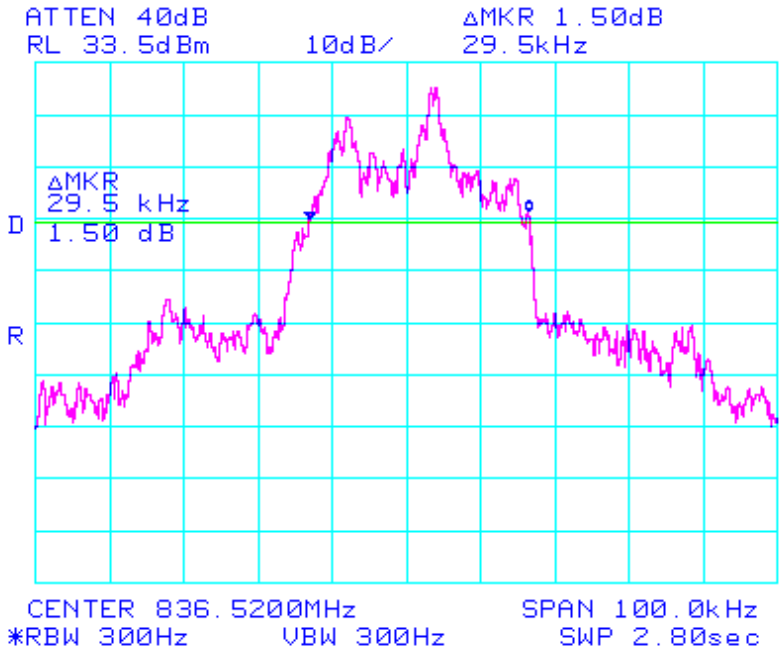
Power Out. TDMA Ch. 0384



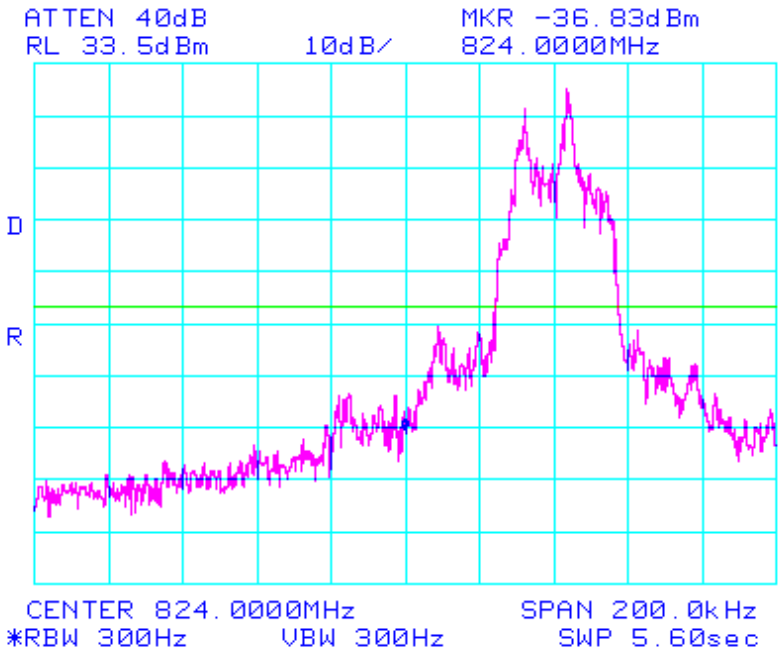
Power Out. TDMA Ch. 0799



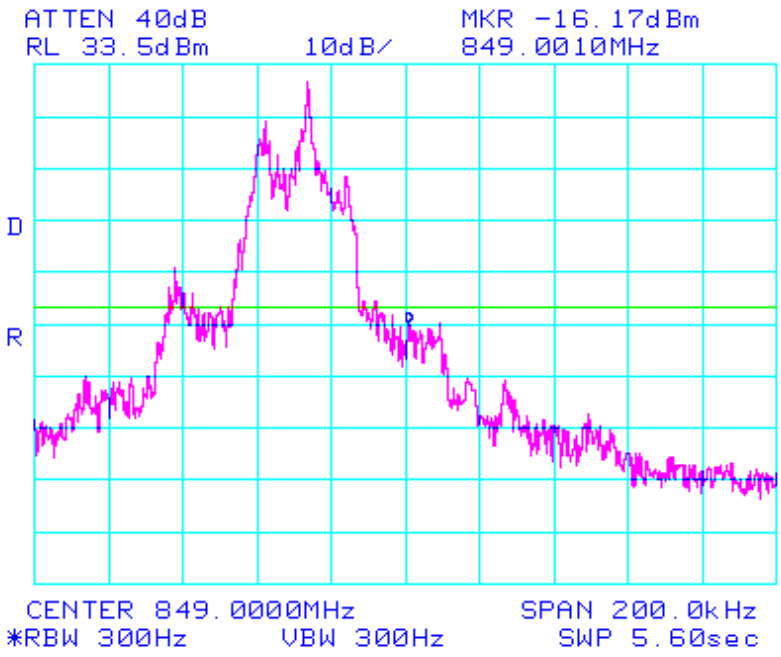
Occupied Bandwidth. TDMA Ch. 0384



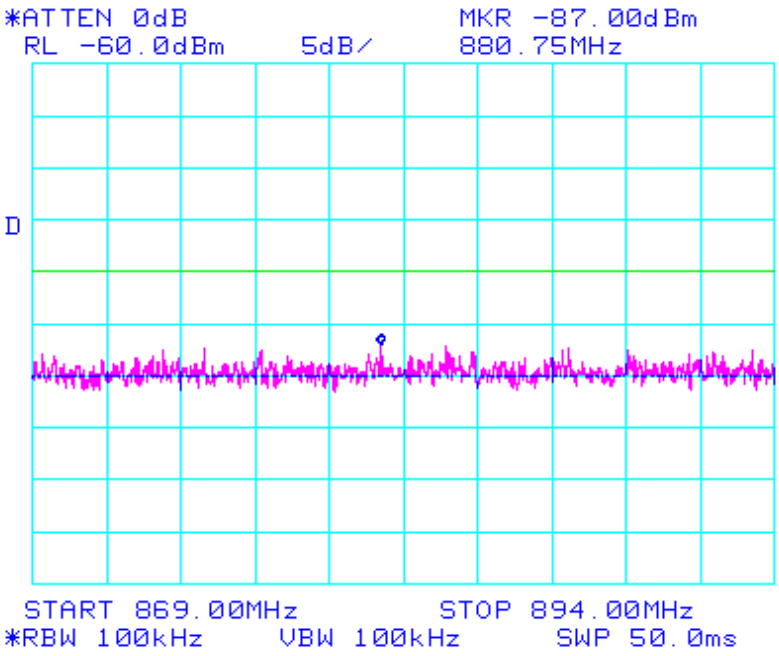
Band Edge. TDMA Ch. 0991



Band Edge. TDMA Ch. 0799



Test Mode: TDMA Receiving Band

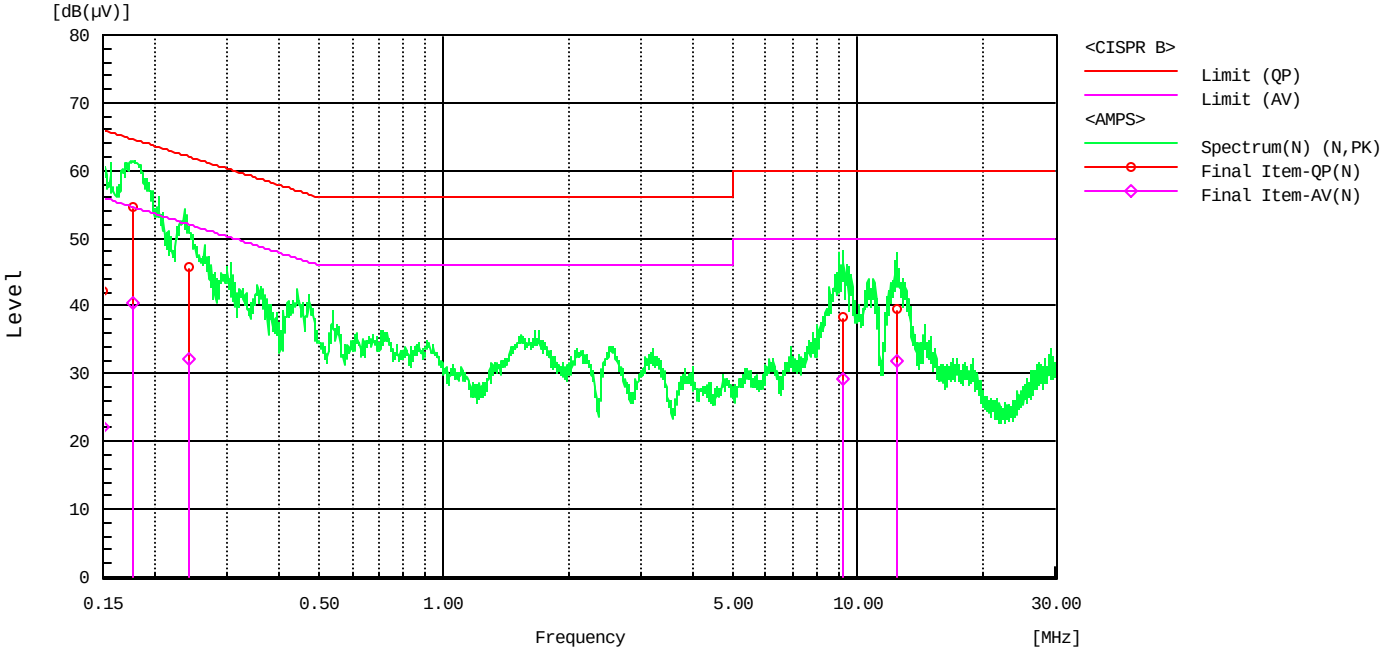


DIGITAL EMC
TOKIN

<<CONDUCTED EMISSION>>

1 February,2005 20:52
AMPS.dat

Manufacturer	: TELIAN	Standard	: FCC PART.15
Model	: FTD-8800	Remark1	: AMPS MODE
Operator	: W.J.LEE	Remark2	:
AC Power	: 120V 60Hz	Remark3	:
Temp,Humidity	: 20 52		:

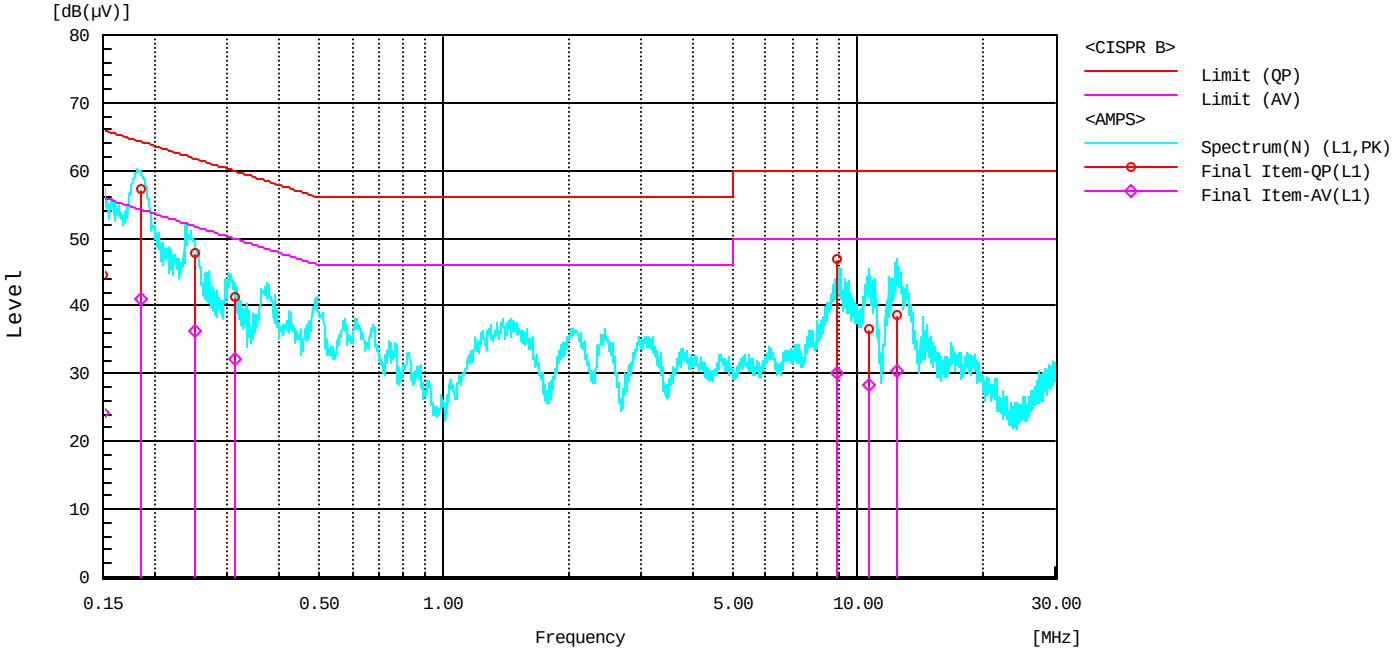


DIGITAL EMC
TOKIN

<<CONDUCTED EMISSION>>

1 February,2005 20:52
AMPS.dat

Manufacturer	: TELIAN	Standard	: FCC PART.15
Model	: FTD-8800	Remark1	: AMPS MODE
Operator	: W.J.LEE	Remark2	:
AC Power	: 120V 60Hz	Remark3	:
Temp,Humidity	: 20 52		:



********** DIGITAL EMC **********

<<CONDUCTED EMISSION>>

1 February,2005 20:52

AMPS.dat

Standard : FCC PART.15
Manufacturer : TELIAN
Model : FTD-8800
Operator : W.J.LEE
AC Power : 120V 60Hz
Temp,Humidity : 20 52
Remark1 : AMPS MODE
Remark2 :
Remark3 :
:

****

Final Result

--- N Phase ---

No.	Frequency	Reading QP	Reading AV	c.f	Result QP	Result AV	Limit QP	Limit AV	Margin QP	Margin AV	Remark
	[MHz]	[dB(μV)]	[dB(μV)]	[dB]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]	
1	0.150	40.5	20.2	1.8	42.3	22.0	66.0	56.0	23.7	34.0	
2	0.177	53.1	38.9	1.4	54.5	40.3	64.6	54.6	10.1	14.3	
3	0.241	45.0	31.3	0.9	45.9	32.2	62.1	52.1	16.2	19.9	
4	9.230	37.9	28.6	0.6	38.5	29.2	60.0	50.0	21.5	20.8	
5	12.458	39.1	31.3	0.6	39.7	31.9	60.0	50.0	20.3	18.1	

--- L1 Phase ---

No.	Frequency	Reading QP	Reading AV	c.f	Result QP	Result AV	Limit QP	Limit AV	Margin QP	Margin AV	Remark
	[MHz]	[dB(μV)]	[dB(μV)]	[dB]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]	
1	0.186	56.3	40.0	1.1	57.4	41.1	64.2	54.2	6.8	13.1	
2	0.150	42.7	22.5	1.8	44.5	24.3	66.0	56.0	21.5	31.7	
3	0.250	46.7	35.4	1.0	47.7	36.4	61.8	51.8	14.1	15.4	
4	0.314	40.4	31.3	0.8	41.2	32.1	59.9	49.9	18.7	17.8	
5	12.436	38.1	29.8	0.7	38.8	30.5	60.0	50.0	21.2	19.5	
6	8.934	46.4	29.5	0.6	47.0	30.1	60.0	50.0	13.0	19.9	
7	10.661	35.9	27.7	0.7	36.6	28.4	60.0	50.0	23.4	21.6	

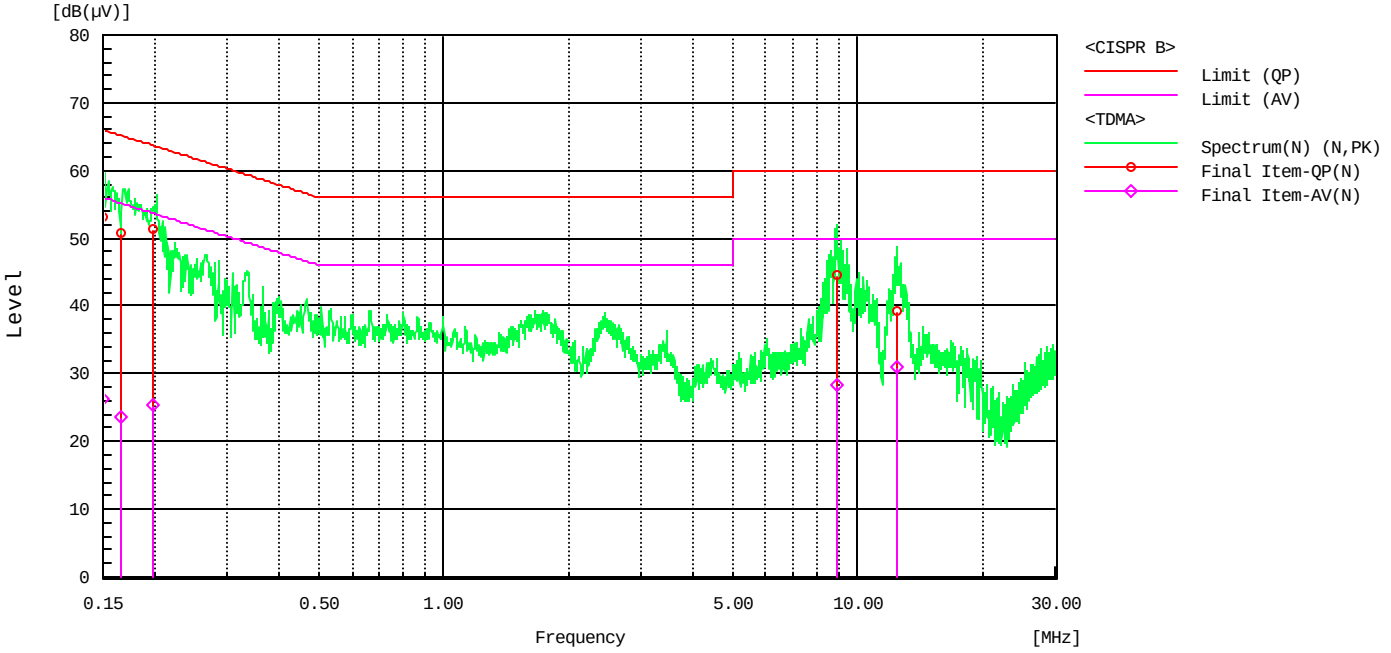
DIGITAL EMC
TOKIN

<<CONDUCTED EMISSION>>

1 February,2005 21:09
TDMA.dat

Manufacturer : TELIAN
Model : FTD-8800
Operator : W.J.LEE
AC Power : 120V 60Hz
Temp,Humidity : 20 52

Standard : FCC PART.15
Remark1 : TDMA MODE
Remark2 :
Remark3 :
:



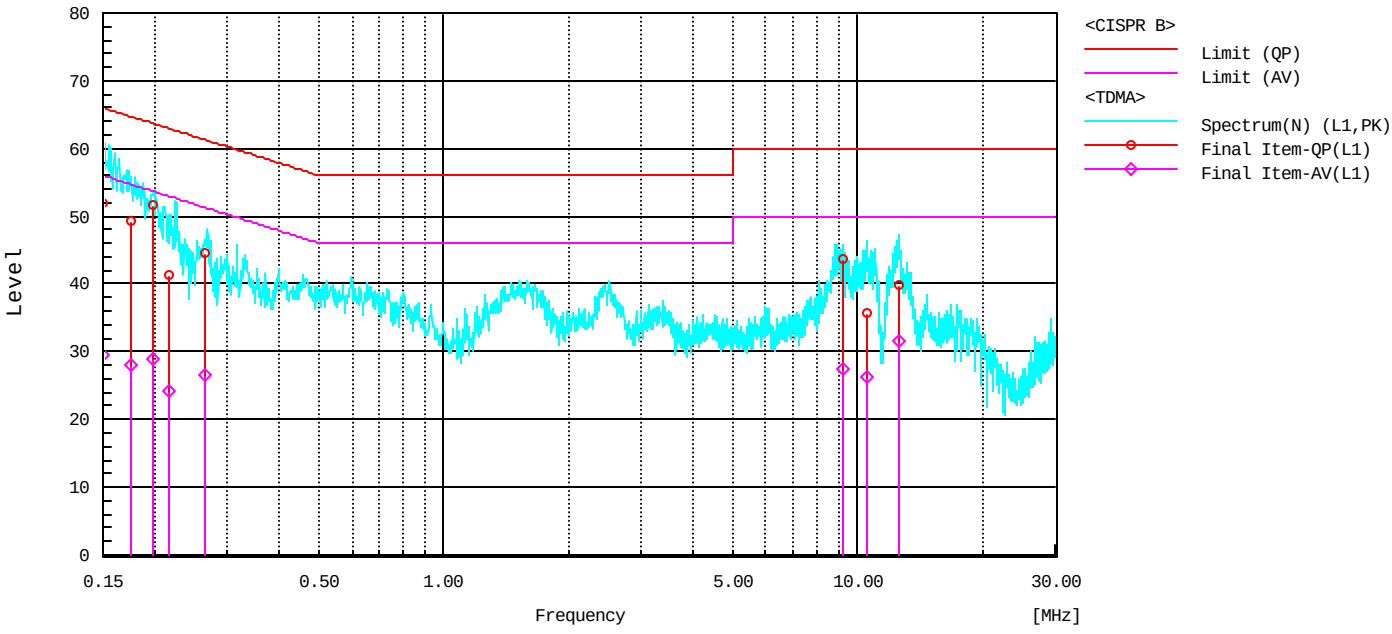
DIGITAL EMC
TOKIN

<<CONDUCTED EMISSION>>

1 February,2005 21:09
TDMA.dat

Manufacturer : TELIAN
Model : FTD-8800
Operator : W.J.LEE
AC Power : 120V 60Hz
Temp,Humidity : 20 52

Standard : FCC PART.15
Remark1 : TDMA MODE
Remark2 :
Remark3 :
:



********** DIGITAL EMC **********

<<CONDUCTED EMISSION>>

1 February,2005 21:09

TDMA.dat

Standard : FCC PART.15
Manufacturer : TELIAN
Model : FTD-8800
Operator : W.J.LEE
AC Power : 120V 60Hz
Temp,Humidity : 20 52
Remark1 : TDMA MODE
Remark2 :
Remark3 :
:

****

Final Result

--- N Phase ---

No.	Frequency	Reading QP	Reading AV	c.f	Result QP	Result AV	Limit QP	Limit AV	Margin QP	Margin AV	Remark
	[MHz]	[dB(μV)]	[dB(μV)]	[dB]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]	
1	0.150	51.4	24.6	1.8	53.2	26.4	66.0	56.0	12.8	29.6	
2	0.166	49.4	22.1	1.5	50.9	23.6	65.2	55.2	14.3	31.6	
3	0.199	50.2	24.1	1.2	51.4	25.3	63.7	53.7	12.3	28.4	
4	8.941	44.1	27.7	0.6	44.7	28.3	60.0	50.0	15.3	21.7	
5	12.434	38.6	30.4	0.6	39.2	31.0	60.0	50.0	20.8	19.0	

--- L1 Phase ---

No.	Frequency	Reading QP	Reading AV	c.f	Result QP	Result AV	Limit QP	Limit AV	Margin QP	Margin AV	Remark
	[MHz]	[dB(μV)]	[dB(μV)]	[dB]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]	
1	0.150	50.2	27.7	1.8	52.0	29.5	66.0	56.0	14.0	26.5	
2	0.175	48.0	26.7	1.3	49.3	28.0	64.7	54.7	15.4	26.7	
3	0.198	50.6	27.7	1.1	51.7	28.8	63.7	53.7	12.0	24.9	
4	0.216	40.3	23.1	1.0	41.3	24.1	63.0	53.0	21.7	28.9	
5	0.265	43.7	25.7	0.9	44.6	26.6	61.3	51.3	16.7	24.7	
6	12.544	39.2	30.9	0.6	39.8	31.5	60.0	50.0	20.2	18.5	
7	10.484	35.1	25.7	0.7	35.8	26.4	60.0	50.0	24.2	23.6	
8	9.194	43.0	26.7	0.7	43.7	27.4	60.0	50.0	16.3	22.6	