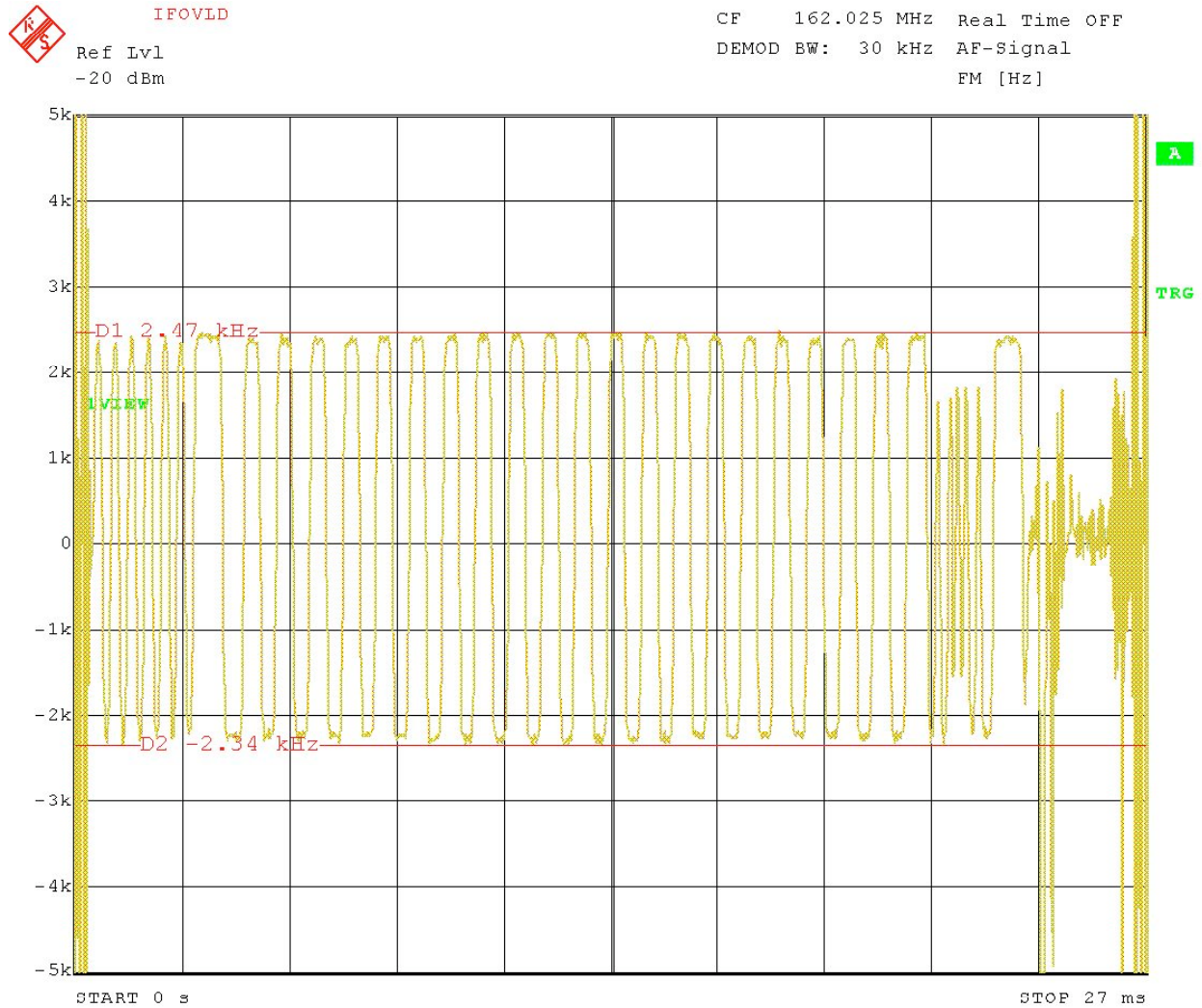


VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

4. Modulation Accuracy - 162.025 MHz.

Test Signal 2 Specification: Bits 4-199 deviation 2160 Hz to 2640 Hz



Date: 18.MAR.2008 06:31:54

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

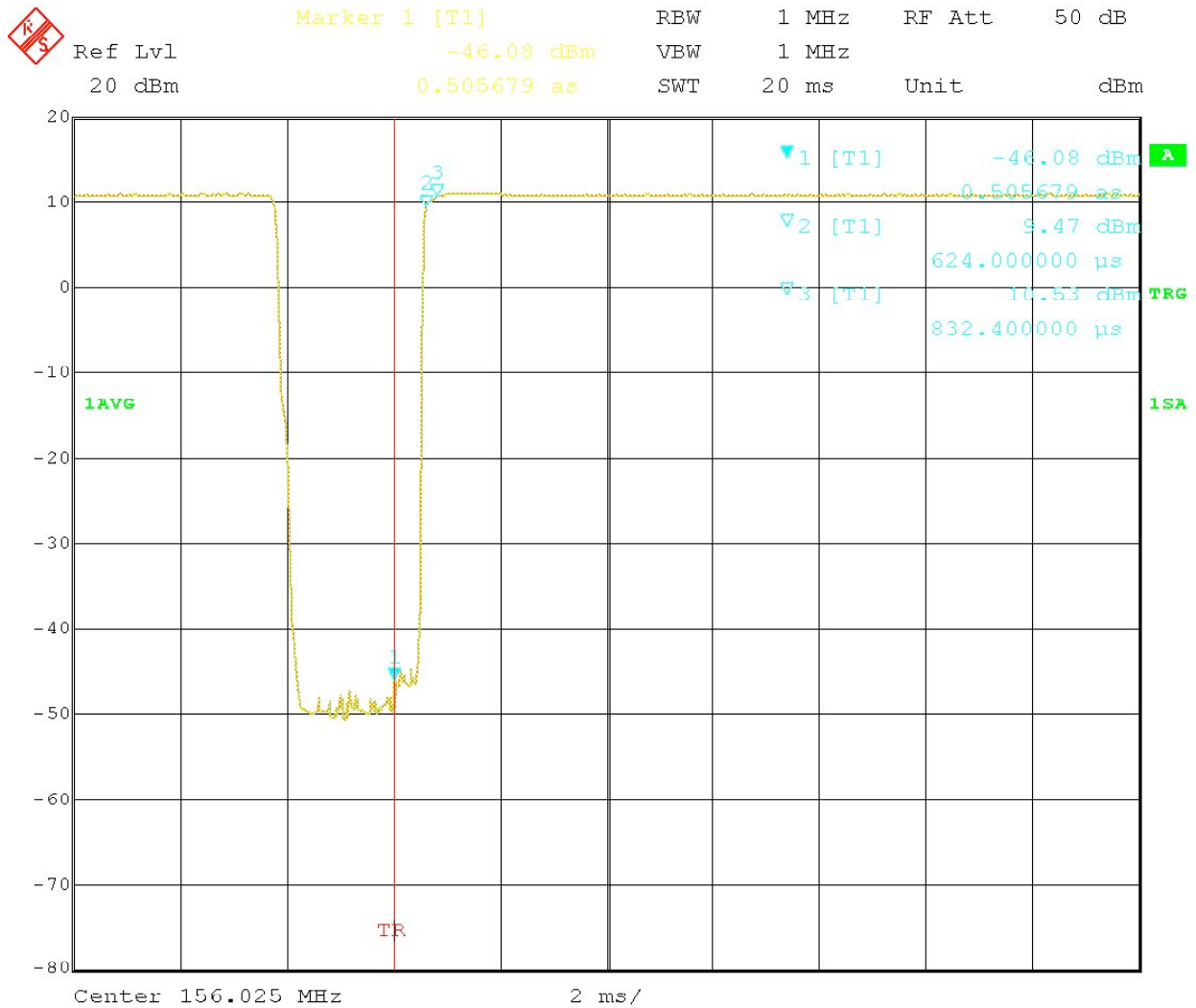
5. Power versus Time Function - 156.025 MHz.

Start Specification: < -50 dBc at $0\ \mu\text{s}$

Delay Specification: > -50 dBc at $< 624\ \mu\text{s}$

Attack Specification 1: $+1.5/-3$ dB at $624\ \mu\text{s}$

Attack Specification 2: $+1.5/-1$ dB at $832.4\ \mu\text{s}$



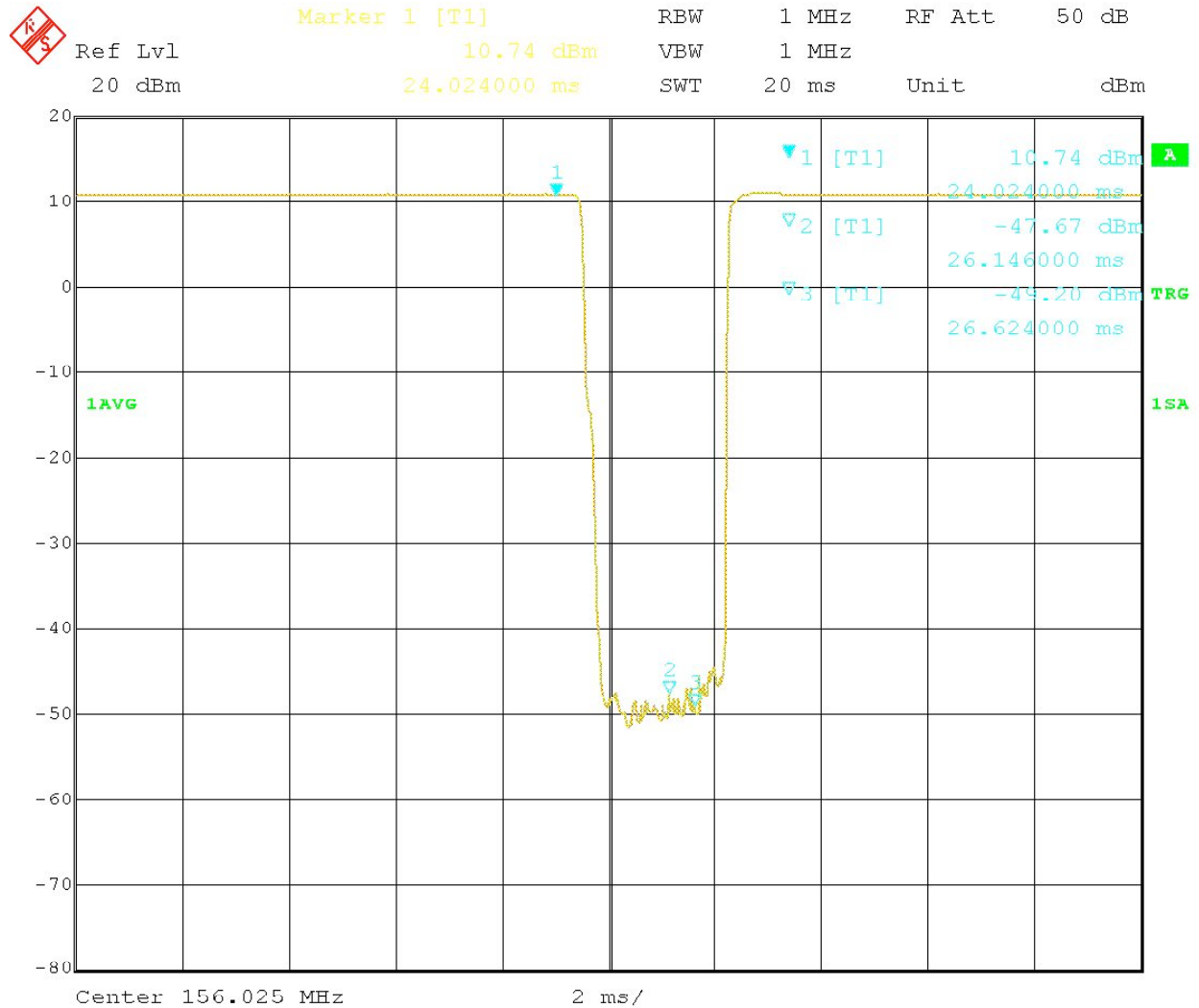
Date: 14.MAR.2008 08:08:13

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

5. Power versus Time Function - 156.025 MHz.

Release Specification 1: +1.5/-1 dB at 24.024 μ s

Release Specification 2: >-50 dBc at 26.146 ms

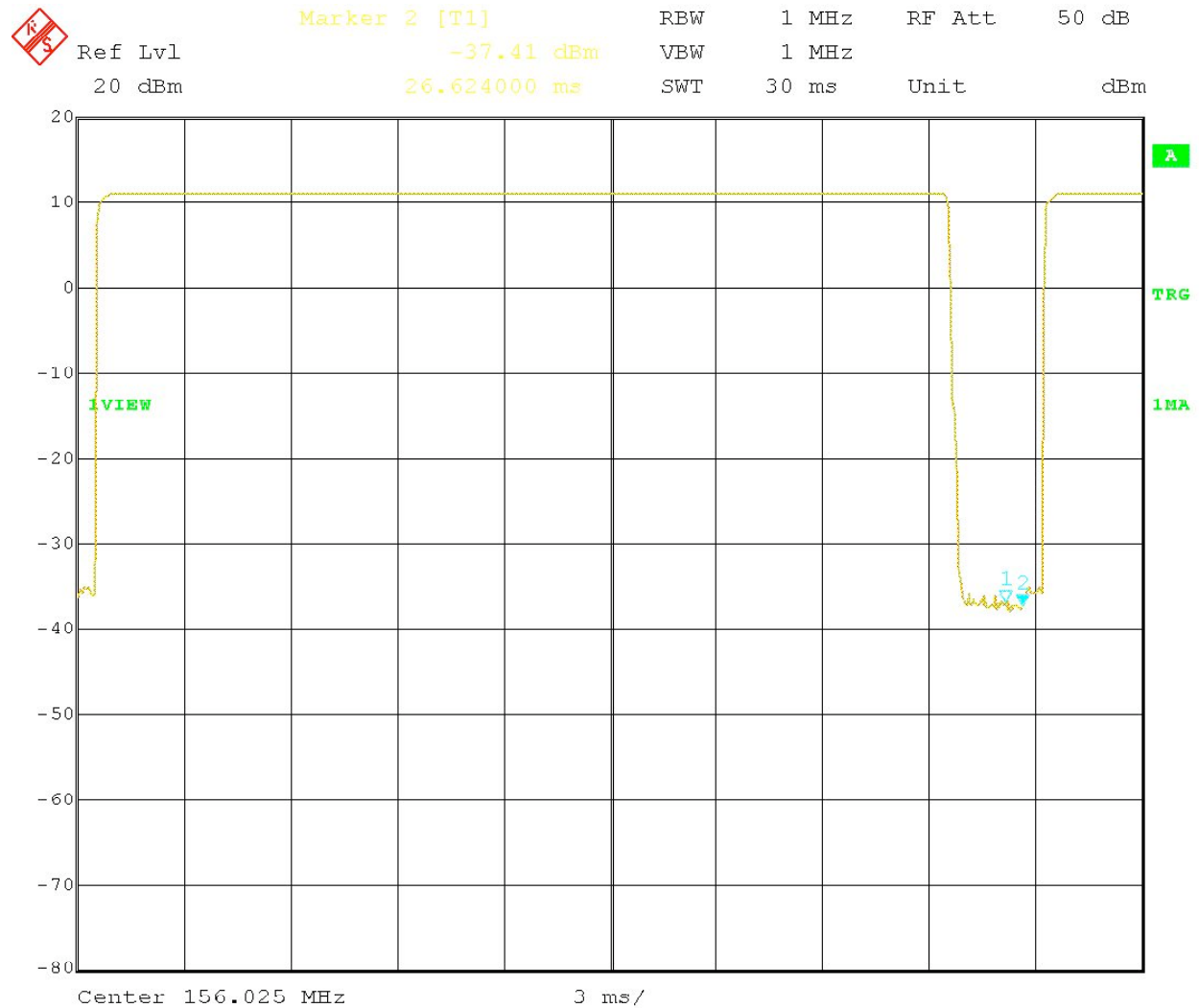


Date: 14.MAR.2008 08:10:49

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

5. Power versus Time Function - 156.025 MHz.

Duration Specification: Between 25.522 ms and 26.146 ms



Date: 14.MAR.2008 07:20:10

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

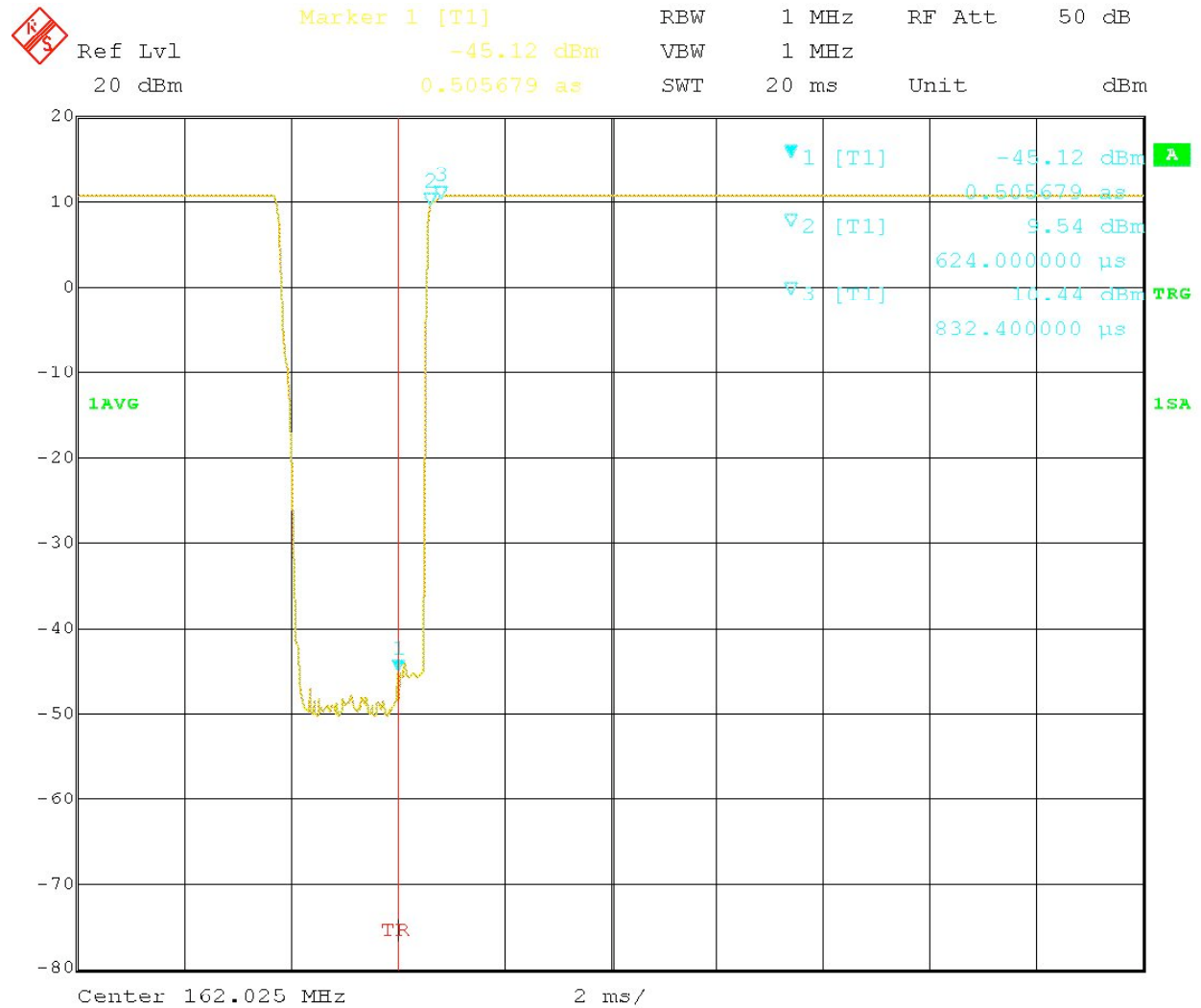
5. Power versus Time Function - 162.025 MHz.

Start Specification: <-50 dBc at 0 μ s

Delay Specification: >-50 dBc at < 624 μ s

Attack Specification 1: +1.5/-3 dB at 624 μ s

Attack Specification 2: +1.5/-1 dB at 832.4 μ s



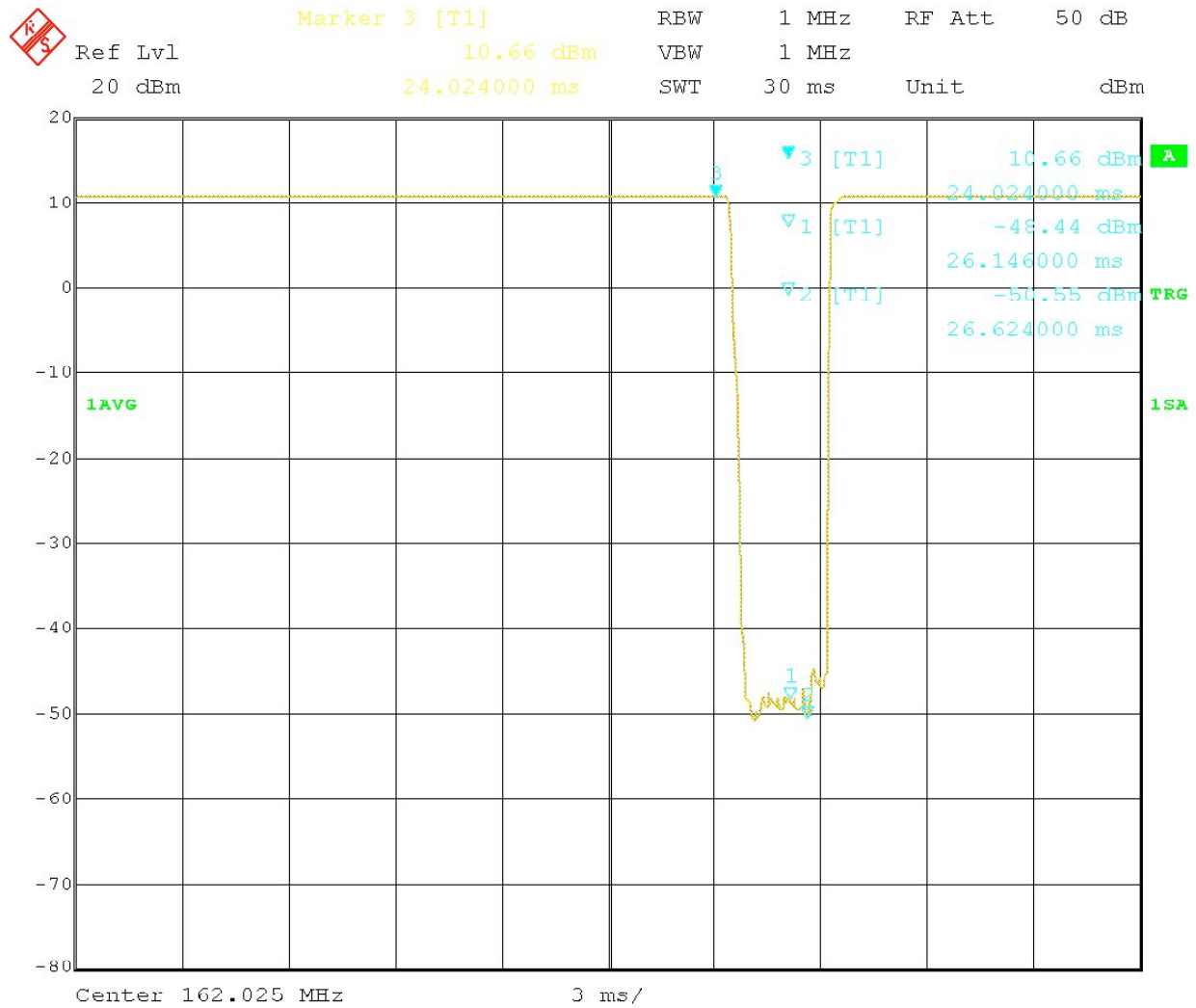
Date: 14.MAR.2008 08:05:07

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

5. Power versus Time Function - 162.025 MHz.

Release Specification 1: +1.5/-1 dB at 24.024 μ s

Release Specification 2: >-50 dBc at 26.146 ms

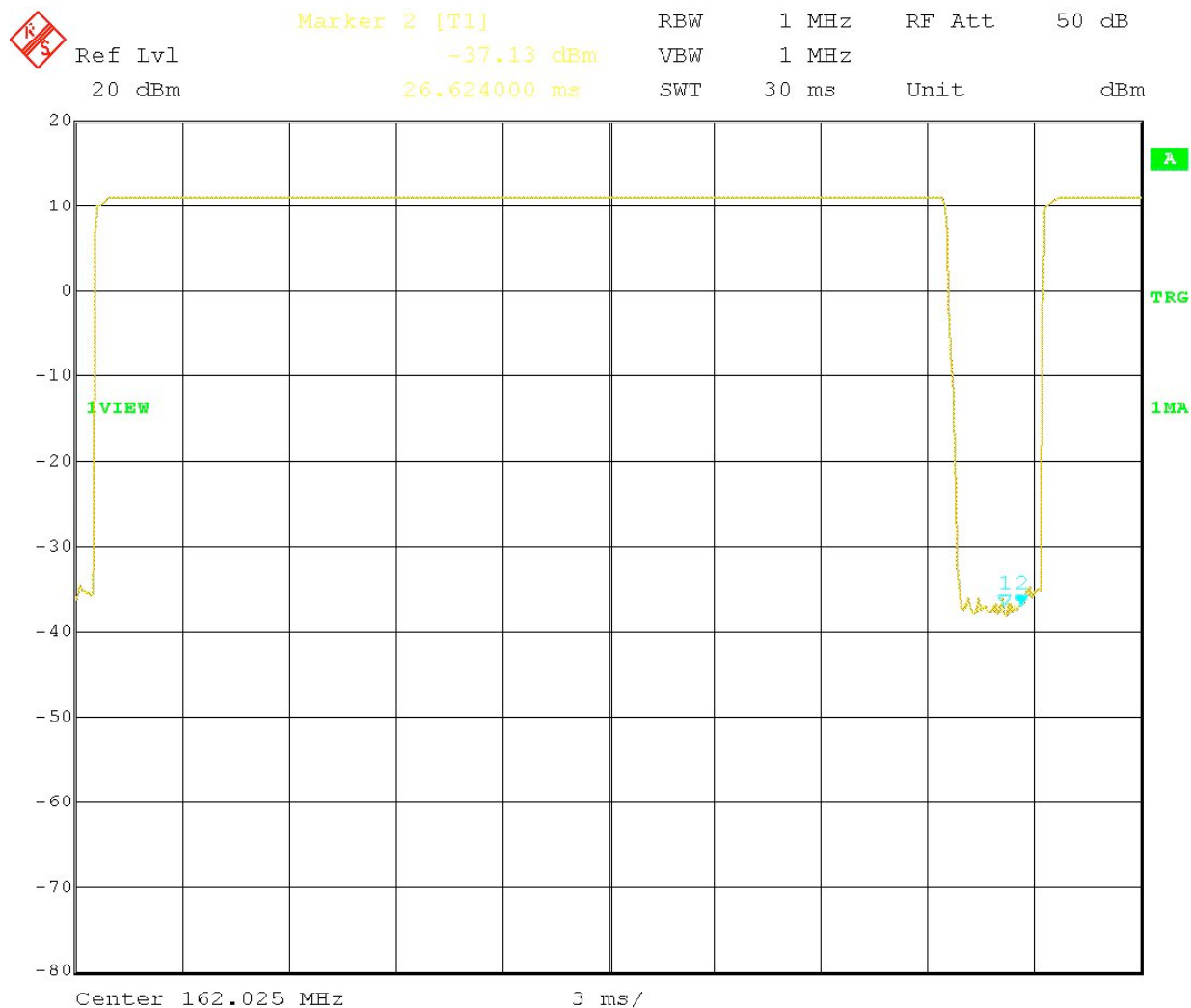


Date: 14.MAR.2008 07:55:04

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

5. Power versus Time Function - 162.025 MHz.

Duration Specification: Between 25.522 ms and 26.146 ms



Date: 14.MAR.2008 07:34:34

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

6. Sensitivity - Receiver 1 - Packet Error Test Program Output.

Specification: Packet Error Rate $\leq 20\%$ at -107 dBm signal input.

Test Description: Tide rx1 sensitivity 156

Packet Error Rate ($<20\%$) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide rx1 sensitivity 156-500Hz

Packet Error Rate ($<20\%$) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide rx1 sensitivity 156+500Hz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide rx1 sensitivity 162

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide rx1 sensitivity 162-500

Packet Error Rate ($<20\%$) 3%

Total test Packets Sent: 200.000000

Valid Test Packets: 193

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide rx1 sensitivity 162+500

Packet Error Rate ($<20\%$) 4%

Total test Packets Sent: 200.000000

Valid Test Packets: 190

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

6. Sensitivity - Receiver 2 - Packet Error Test Program Output.

Specification: Packet Error Rate $\leq 20\%$ at -107 dBm signal input.

Test Description: Tide rx2 sensitivity156

Packet Error Rate (<20%) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide rx2 sensitivity156-500

Packet Error Rate (<20%) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide rx2 sensitivity156+500

Packet Error Rate (<20%) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide rx2 sensitivity162

Packet Error Rate (<20%) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 198

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide rx2 sensitivity162-500

Packet Error Rate (<20%) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide rx2 sensitivity162+500

Packet Error Rate (<20%) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

7. Error Behavior at High Input - Receiver 1.

Specification: -7 dBm @ $\leq 10\%$ PER and -77 dBm @ $\leq 2\%$ PER

Test Description: Tide rx1 156 error@hi input -7
Packet Error Rate (<20%) 0%
Total test Packets Sent: 200.000000
Valid Test Packets: 199
VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide rx1 156 error@hi input -77
Packet Error Rate (<20%) 0%
Total test Packets Sent: 200.000000
Valid Test Packets: 199
VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide rx1 162 error@hi input -7
Packet Error Rate (<20%) 0%
Total test Packets Sent: 200.000000
Valid Test Packets: 199
VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide rx1 162 error@hi input -77
Packet Error Rate (<20%) 0%
Total test Packets Sent: 200.000000
Valid Test Packets: 199
VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

7. Error Behavior at High Input - Receiver 2.

Specification: -7 dBm @ $\leq 10\%$ PER and -77 dBm @ $\leq 2\%$ PER

Test Description: Tide rx2 156 error@hi input -7

Packet Error Rate (<20%) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide rx2 156 error@hi input -77

Packet Error Rate (<20%) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide rx2 162 error@hi input -7

Packet Error Rate (<20%) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide rx2 162 error@hi input -77

Packet Error Rate (<20%) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

8. Co-Channel Rejection - Receiver 1.

Specification: $PER \leq 20\%$

Test Description:Tide RX1 Co Channel Rejection 156 MHz

Packet Error Rate (<20%) 5%

Total test Packets Sent: 200.000000

Valid Test Packets: 189

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description:Tide RX1 Co Channel Rejection 156 MHz -1k

Packet Error Rate (<20%) 6%

Total test Packets Sent: 200.000000

Valid Test Packets: 186

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description:Tide RX1 Co Channel Rejection 156 MHz + 1k

Packet Error Rate (<20%) 8%

Total test Packets Sent: 200.000000

Valid Test Packets: 183

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description:Tide RX1 Co Channel Rejection 162 MHz

Packet Error Rate (<20%) 6%

Total test Packets Sent: 200.000000

Valid Test Packets: 186

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description:Tide RX1 Co Channel Rejection 162 MHz -1k

Packet Error Rate (<20%) 5%

Total test Packets Sent: 200.000000

Valid Test Packets: 189

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description:Tide RX1 Co Channel Rejection 162 MHz + 1k

Packet Error Rate (<20%) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 194

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

8. Co-Channel Rejection - Receiver 2.

Specification: PER $\leq 20\%$

Test Description: Tide RX2 Co Channel Rejection 156 MHz

Packet Error Rate ($<20\%$) 4%

Total test Packets Sent: 200.000000

Valid Test Packets: 191

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide RX2 Co Channel Rejection 156 MHz-1k

Packet Error Rate ($<20\%$) 9%

Total test Packets Sent: 200.000000

Valid Test Packets: 181

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide RX2 Co Channel Rejection 156 MHz+1k

Packet Error Rate ($<20\%$) 3%

Total test Packets Sent: 200.000000

Valid Test Packets: 193

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide RX1 Co Channel Rejection 162 MHz

Packet Error Rate ($<20\%$) 8%

Total test Packets Sent: 200.000000

Valid Test Packets: 183

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 Co Channel Rejection 162 MHz-1k

Packet Error Rate ($<20\%$) 6%

Total test Packets Sent: 200.000000

Valid Test Packets: 188

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide RX2 Co Channel Rejection 162 MHz+1k

Packet Error Rate ($<20\%$) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 195

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

9. Adjacent Channel Selectivity - Receiver 1.

Specification: PER $\leq 20\%$

Test Description: Tide rx1adj-chan 156-25k

Packet Error Rate (<20%) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide rx1adj-chan 156+25k

Packet Error Rate (<20%) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide rx1adj-chan 162-25k

Packet Error Rate (<20%) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide rx1adj-chan 162+25k

Packet Error Rate (<20%) 8%

Total test Packets Sent: 200.000000

Valid Test Packets: 183

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

9. Adjacent Channel Selectivity Receiver 2.

Specification: PER $\leq 20\%$

Tide rx2adj-chan 156-25k

Packet Error Rate ($<20\%$) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 195

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description:Tide rx2adj-chan 156+25k

Packet Error Rate ($<20\%$) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 195

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description:Tide rx2adj-chan 162-25k

Packet Error Rate ($<20\%$) 7%

Total test Packets Sent: 200.000000

Valid Test Packets: 185

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description:Tide rx2adj-chan 162+25k

Packet Error Rate ($<20\%$) 6%

Total test Packets Sent: 200.000000

Valid Test Packets: 187

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

10. Spurious Rejection - Manufacturer Declaration.

Calculations for limited frequency band of interest "LFR_{HI} to LFR_{LO}":

$$\text{LFR}_{\text{HI}} = f_{\text{loH}} + (\text{IF}_1 + \text{IF}_2 + \text{sr}/2)$$

$$\text{LFR}_{\text{LO}} = f_{\text{loL}} - (\text{IF}_1 + \text{IF}_2 + \text{sr}/2)$$

$$\text{sr} = 6 \text{ MHz} (162 \text{ MHz} - 156 \text{ MHz})$$

	f_{loL} MHz	f_{loH} MHz	IF_1 MHz	IF_2 MHz	LFR _{HI}	LFR _{LO}
AtoN Rx1	117.170	123.170	38.855	0.455	165.48	74.86
AtoN Rx2	129.970	135.970	26.055	0.455	165.48	100.46

Calculations for spurious responses outside the limited frequency band of interest "SFI₁ and SFI₂" where K = 2, 3 & 4:

$$\text{SFI}_1 = (K * f_{\text{loH}}) + \text{IF}_1$$

$$\text{SFI}_2 = (K * f_{\text{loL}}) - \text{IF}_1$$

		K=2	K=3	K=4
	f_{loH} MHz	SFI ₁	SFI ₁	SFI ₁
AtoN Rx1	123.170	285.195	408.365	531.535
AtoN Rx2	135.970	297.995	433.965	569.935

		K=2	K=3	K=4
	f_{loL} MHz	SFI ₂	SFI ₂	SFI ₂
AtoN Rx1	117.170	195.485	312.655	429.825
AtoN Rx2	129.970	233.885	363.855	493.825

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

10. Spurious Rejection - Receiver 1.

Specification: $\leq 20\%$ PER at identified frequencies

Test Description: Tide RX2 spur 163.075

Packet Error Rate ($< 20\%$) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 196

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide RX1 spur 162.075

Packet Error Rate ($< 20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 spur 161.975

Packet Error Rate ($< 20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 spur 160.975

Packet Error Rate ($< 20\%$) 3%

Total test Packets Sent: 200.000000

Valid Test Packets: 193

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

10. Spurious Rejection - Receiver 1.

Specification: $\leq 20\%$ PER at calculated frequencies

Test Description: Tide RX1 spur 531.535

Packet Error Rate ($< 20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 spur 408.365

Packet Error Rate ($< 20\%$) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 196

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 spur 285.195

Packet Error Rate ($< 20\%$) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 spur 429.825

Packet Error Rate ($< 20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 198

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 spur 312.655

Packet Error Rate ($< 20\%$) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 196

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 spur 195.485

Packet Error Rate ($< 20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

10. Spurious Rejection - Receiver 2.

Specification: $\leq 20\%$ PER at identified frequencies

Test Description: Tide RX2 spur 163.075

Packet Error Rate ($< 20\%$) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 195

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide RX2 spur 162.075

Packet Error Rate ($< 20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 198

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 spur 161.975

Packet Error Rate ($< 20\%$) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 194

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description: Tide RX2 spur 160.975

Packet Error Rate ($< 20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 198

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

10. Spurious Rejection - Receiver 2.

Specification: $\leq 20\%$ PER at calculated frequencies

Test Description:Tide RX2 spur 569.935

Packet Error Rate ($<20\%$) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 196

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description:Tide RX2 spur 433.965

Packet Error Rate ($<20\%$) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description:Tide RX2 spur 297.995

Packet Error Rate ($<20\%$) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 194

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description:Tide RX2 spur 493.825

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 198

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description:Tide RX2 spur 363.855

Packet Error Rate ($<20\%$) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 196

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description:Tide RX2 spur 233.885

Packet Error Rate ($<20\%$)2%

Total test Packets Sent: 200.000000

Valid Test Packets: 195

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

11. Intermodulation Rejection.

Specification: PER $\leq 20\%$

Signal Generator	A	B	C
Frequency MHz	162.025	161.525	161.025
Value at EUT	-101	-36	-36

Test Description:Tide RX1 intermod 162

Packet Error Rate (<20%) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 194

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description:Tide RX2 intermod 162

Packet Error Rate (<20%) 5%

Total test Packets Sent: 200.000000

Valid Test Packets: 189

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Signal Generator	A	B	C
Frequency MHz	156.025	156.525	157.025
Value at EUT	-101	-36	-36

Test Description:Tide RX1 intermod 156

Packet Error Rate (<20%) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 198

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

Test Description:Tide RX2 intermod 156

Packet Error Rate (<20%) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 196

VDM,1,1,,B,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*31

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

12. Blocking or Desensitization - Receiver 1.

Specification: PER $\leq 20\%$ with 156.025 MHz wanted signal

Test Description: Tide RX1 blocking 146.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 151.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 154.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 155.025 MHz

Packet Error Rate ($<20\%$) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 155.525 MHz

Packet Error Rate ($<20\%$) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 156.525 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

12. Blocking or Desensitization - Receiver 1.

Specification: PER $\leq$ 20% with 156.025 MHz wanted signal

Test Description: Tide RX1 blocking 157.025 MHz

Packet Error Rate (<20%) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 158.025 MHz

Packet Error Rate (<20%) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 198

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 161.025 MHz

Packet Error Rate (<20%) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 166.025 MHz

Packet Error Rate (<20%) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

12. Blocking or Desensitization - Receiver 1.

Specification: PER $\leq 20\%$ with 162.025 MHz wanted signal

Test Description: Tide RX1 blocking 152.025 MHz

Packet Error Rate ($<20\%$) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 157.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 160.025 MHz

Packet Error Rate ($<20\%$) 2%

Total test Packets Sent: 200.000000

Valid Test Packets: 195

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 161.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 161.525 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 162.525 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

12. Blocking or Desensitization - Receiver 1.

Specification: PER $\leq 20\%$ with 162.025 MHz wanted signal

Test Description: Tide RX1 blocking 163.025 MHz

Packet Error Rate ($<20\%$) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 164.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 167.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX1 blocking 172.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

12. Blocking or Desensitization - Receiver 2.

Specification: PER $\leq 20\%$ with 156.025 MHz wanted signal

Test Description: Tide RX2 blocking 146.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 151.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 154.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 155.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 155.525 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 156.525 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

12. Blocking or Desensitization - Receiver 2.

Specification: PER $\leq 20\%$ with 156.025 MHz wanted signal

Test Description: Tide RX2 blocking 157.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 158.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 161.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 198

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 166.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

12. Blocking or Desensitization - Receiver 2.

Specification: PER $\leq 20\%$ with 162.025 MHz wanted signal

Test Description: Tide RX2 blocking 152.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 198

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 157.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 198

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 160.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 161.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 161.525 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 162.525 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

12. Blocking or Desensitization - Receiver 2.

Specification: PER $\leq 20\%$ with 162.025 MHz wanted signal

Test Description: Tide RX2 blocking 163.025 MHz

Packet Error Rate ($<20\%$) 0%

Total test Packets Sent: 200.000000

Valid Test Packets: 199

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 164.025 MHz

Packet Error Rate ($<20\%$) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 167.025 MHz

Packet Error Rate ($<20\%$) 1%

Total test Packets Sent: 200.000000

Valid Test Packets: 197

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

Test Description: Tide RX2 blocking 172.025 MHz

Packet Error Rate ($<20\%$) 2%

Total test Packets Sent: 200.000000

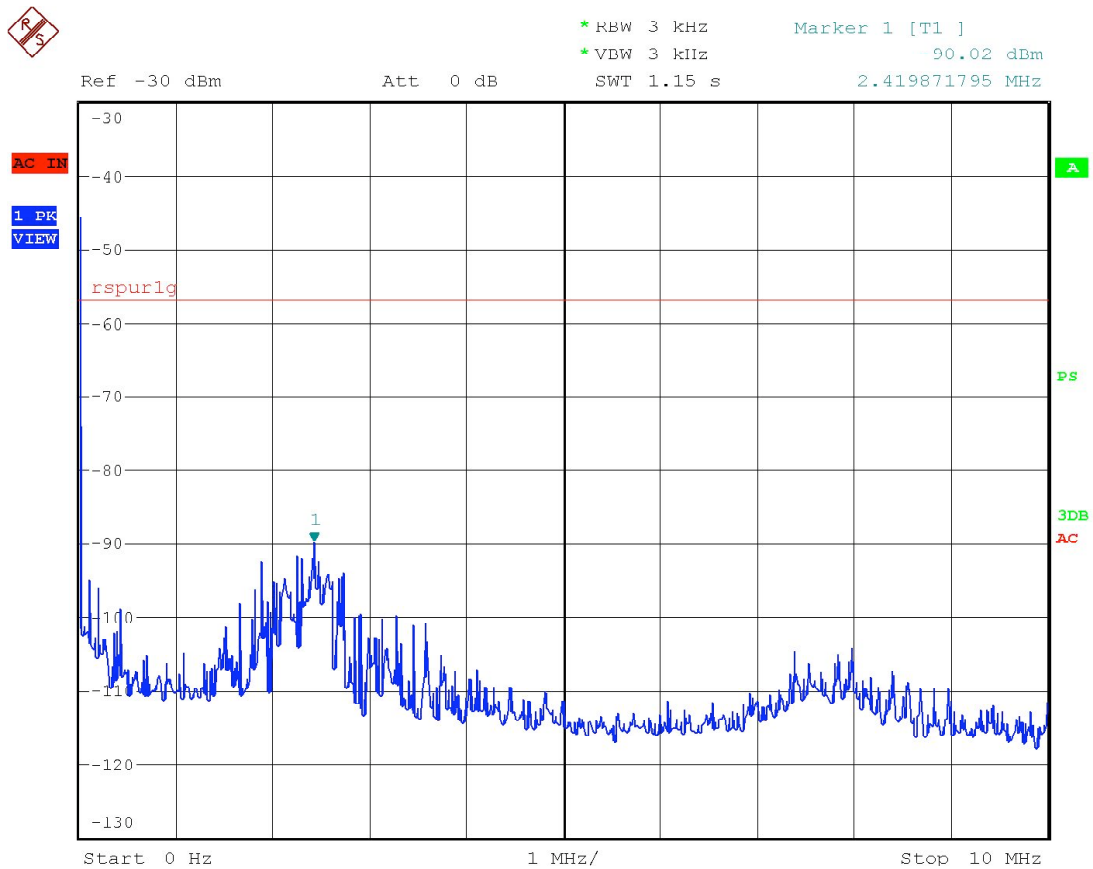
Valid Test Packets: 195

VDM,1,1,,A,1?KESgd1C<Mn7ciKqI:V;m?qmfOP,0*32

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

13. Conducted Spurious - Receiver 1.

Specification: 9 kHz to 10 MHz: -57 dBm receive

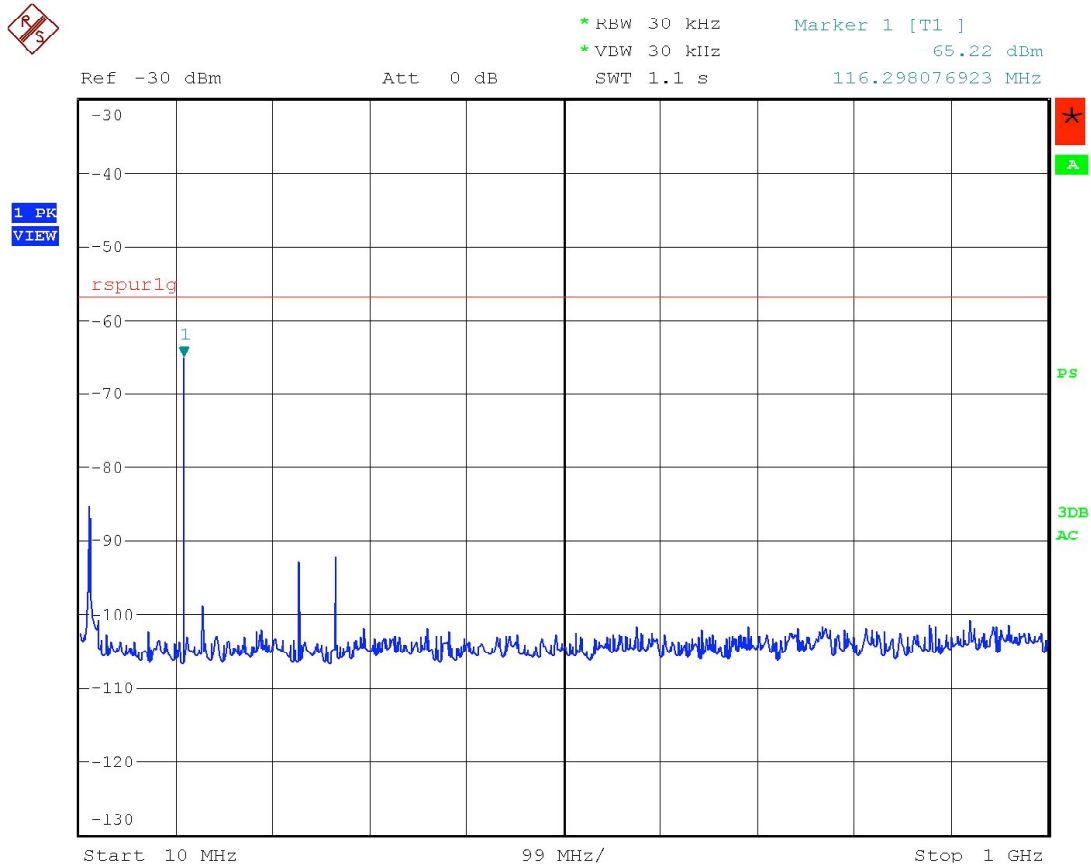


Date: 14.MAR.2008 19:13:35

VIII. Measurement Results for ATN01-311-03 Physical Tests Cont'd:

13. Conducted Spurious - Receiver 1.

Specification: 10 MHz to 1 GHz: -57 dBm receive



Date: 14.MAR.2008 19:14:45