



Raytheon Marine Company

**Raytheon Pathfinder
Series Radars**

ASLMTX5

Production Test Results

Extract from Production Test Results, October 5th to December 23rd, 1999

S/No.	Date	Transmitter Pulse Width (ns)								Transmitter Peak Power at Antenna Port (dBm)							
		PW_1	PW_2	PW_3	PW_4	PW_5	PW_6	PW_7	PW_8	PW_1	PW_2	PW_3	PW_4	PW_5	PW_6	PW_7	PW_8
	Limit	62.0~70.0	85.0~95.0	140~160	240~260	330~360	400~500	550~650	900~1100	61.0~65.5	62.0~68.0	63.5~69.0	63.5~69.0	63.5~69.0	63.5~69.0	63.5~69.0	63.5~69.0
1536	05/Oct/99	66.9	89.8	142	248	355	441	627	1050	63.7	65.2	65.7	65.9	66.0	66.0	66.0	66.0
1537	05/Oct/99	68.9	92.8	148	248	349	437	623	1060	63.8	65.0	65.4	65.6	65.7	65.7	65.7	65.7
1538	05/Oct/99	66.9	90.8	142	250	355	443	631	1050	63.7	65.1	65.6	65.8	65.9	65.9	65.9	65.9
1540	04/Nov/99	65.9	89.8	156	246	339	425	607	1040	63.8	65.2	65.6	66.0	66.0	66.1	66.1	66.2
1544	04/Nov/99	67.9	90.8	154	242	347	431	623	1050	64.2	65.6	66.2	66.3	66.4	66.5	66.5	66.5
1546	04/Nov/99	65.9	88.8	146	242	351	437	619	1050	63.7	65.2	66.0	66.2	66.2	66.2	66.2	66.3
1547	05/Nov/99	68.9	89.8	152	242	353	439	615	1040	63.8	65.0	65.6	66.0	66.1	66.0	66.0	66.0
1551	05/Nov/99	66.9	94.8	142	251	357	439	627	1050	64.0	65.6	66.2	66.4	66.4	66.4	66.4	66.5
1554	08/Nov/99	62.9	92.8	152	248	339	431	615	1040	63.7	65.6	66.2	66.4	66.4	66.4	66.4	66.4
1556	08/Nov/99	62.9	91.8	146	242	353	443	627	1050	64.0	65.6	66.4	66.5	66.6	66.6	66.6	66.6
1557	08/Nov/99	64.9	91.8	154	250	343	431	611	1040	63.5	65.4	65.8	66.0	66.0	66.1	66.0	66.0
1560	08/Nov/99	65.9	91.8	150	259	349	453	631	1060	64.4	65.6	66.1	66.2	66.4	66.4	66.3	66.4
1565	01/Dec/99	65.9	93.8	142	248	337	443	619	1040	62.9	64.8	65.4	65.8	65.8	65.8	65.8	65.8
1567	03/Dec/99	67.9	91.8	152	244	357	441	639	1070	64.2	65.8	66.3	66.7	66.8	66.9	66.9	66.8
1568	03/Dec/99	66.9	89.8	144	242	345	441	619	1040	62.8	64.4	65.0	65.4	65.5	65.5	65.5	65.6
1572	15/Dec/99	66.9	92.8	144	244	353	439	631	1050	63.5	65.0	65.6	66.0	65.9	65.9	66.0	66.0
1573	15/Dec/99	68.9	86.8	150	244	347	439	619	1030	62.9	64.4	65.4	65.6	65.6	65.7	65.6	65.7
1580	20/Dec/99	63.9	89.8	152	257	345	445	623	1050	62.6	64.2	64.8	65.1	65.1	65.2	65.2	65.1
1582	20/Dec/99	65.9	89.8	154	242	349	439	615	1040	63.6	65.0	65.8	66.1	66.2	66.2	66.2	66.2
1583	20/Dec/99	64.9	88.8	148	242	339	429	615	1050	63.1	64.6	65.4	65.8	65.7	65.8	65.8	65.8
1585	20/Dec/99	62.9	86.8	142	244	353	439	611	1050	62.6	64.3	65.0	65.4	65.5	65.6	65.6	65.6
1587	21/Dec/99	62.9	86.8	154	248	351	451	623	1040	63.8	65.2	65.8	66.0	66.0	66.1	66.1	66.0
1590	22/Dec/99	62.9	86.8	148	250	353	441	623	1050	62.8	64.6	65.4	65.8	65.8	65.8	65.8	65.8
1591	22/Dec/99	65.9	89.8	152	255	349	455	599	1010	63.1	64.7	65.3	65.6	65.8	65.7	65.7	65.7
1595	22/Dec/99	67.9	85.8	144	248	353	443	619	1050	62.9	64.4	64.9	65.2	65.2	65.3	65.3	65.2
1597	22/Dec/99	65.9	87.8	146	244	345	433	607	1040	62.9	64.6	65.4	65.6	65.6	65.7	65.7	65.7
1600	22/Dec/99	66.9	87.8	142	246	343	431	615	1040	63.0	64.4	65.0	65.2	65.3	65.3	65.4	65.3
1608	23/Dec/99	65.9	92.8	154	253	359	445	631	1060	62.8	64.2	64.6	64.9	65.0	65.0	65.0	64.9
1610	23/Dec/99	68.9	85.8	152	244	347	435	615	1040	64.0	65.2	65.8	66.2	66.2	66.2	66.2	66.2
1611	23/Dec/99	65.9	90.8	156	242	347	437	611	1030	63.3	64.6	65.0	65.3	65.4	65.4	65.4	65.4

1614	23/Dec/99	63.9	86.8	150	244	353	441	627	1050	63.3	64.6	65.0	65.4	65.5	65.5	65.5	65.5
1617	23/Dec/99	63.9	87.8	156	255	351	459	615	1030	63.3	64.4	64.8	65.2	65.2	65.3	65.3	65.2

Extract from Production Test Results, January 5th to 15th, 2000

S/No.	Date	Transmitter Pulse Width (ns)								PW_1	PW_2	PW_3	PW_4	PW_5	PW_6	PW_7	PW_8
		PW_1	PW_2	PW_3	PW_4	PW_5	PW-6	PW_7	PW_8								
	Limit	62.0~70.0	85.0~95.0	140~160	240~260	330~360	400~500	550~650	900~1100	61.0~65.5	62.0~68.0	63.5~69.0	63.5~69.0	63.5~69.0	63.5~69.0	63.5~69.0	63.5~69.0
1629	05/01/00	64.9	85.8	154	246	351	433	631	1060	62.4	63.9	64.9	65.2	65.3	65.3	65.3	65.4
1633	05/01/00	62.9	91.8	142	244	353	441	627	1060	63.1	65.0	65.4	65.6	65.7	65.8	65.8	65.8
1638	06/01/00	69.9	86.8	156	244	353	439	623	1050	63.6	64.8	65.4	65.6	65.8	65.7	65.8	65.7
1639	06/01/00	66.9	85.8	158	248	353	443	631	1050	63.5	64.6	65.2	65.5	65.6	65.6	65.6	65.6
1643	06/01/00	66.9	86.8	158	250	355	441	627	1060	63.8	65.4	66.0	66.1	66.2	66.2	66.2	66.2
1644	06/01/00	68.9	86.8	150	246	353	435	623	1060	62.9	64.3	65.2	65.4	65.4	65.5	65.4	65.5
1645	06/01/00	69.9	90.8	158	248	337	431	623	1060	63.3	64.8	65.4	65.6	65.8	65.8	65.8	65.8
1647	06/01/00	67.9	91.8	148	242	353	443	631	1060	63.7	65.0	65.4	65.6	65.7	65.7	65.7	65.7
1348	06/01/00	64.9	90.8	142	248	351	439	623	1050	63.6	65.0	65.6	65.8	65.8	65.9	65.9	65.9
1649	06/01/00	64.9	87.8	142	251	357	451	631	1060	63.3	64.8	65.4	65.7	65.8	65.8	65.8	65.8
1651	06/01/00	64.9	93.8	158	246	341	429	611	1040	63.3	65.2	65.6	65.8	65.9	66.0	65.9	65.9
1652	06/01/00	63.9	86.8	146	244	345	431	615	1040	62.6	64.4	65.2	65.4	65.5	65.6	65.5	65.5
1653	06/01/00	69.9	85.8	150	251	351	441	627	1060	63.6	64.6	65.4	65.6	65.7	65.7	65.7	65.7
1654	06/01/00	68.9	86.8	142	244	349	435	611	1040	63.6	64.7	65.4	65.6	65.6	65.7	65.7	65.7
1655	07/01/00	65.9	89.8	150	244	351	441	611	1030	63.1	65.2	65.8	66.0	66.2	66.2	66.2	66.2
1656	07/01/00	69.9	91.8	142	244	347	435	619	1050	63.5	64.6	65.0	65.2	65.3	65.4	65.3	65.3
1657	07/01/00	66.9	85.8	158	248	343	433	607	1030	63.0	64.6	65.2	65.6	65.5	65.6	65.5	65.6
1661	07/01/00	67.9	85.8	146	251	355	441	619	1040	63.5	64.8	65.6	65.8	65.8	65.8	65.8	65.8
1662	07/01/00	62.9	88.8	148	259	349	435	619	1050	63.5	64.8	65.3	65.6	65.6	65.6	65.6	65.6
1665	07/01/00	66.9	88.8	150	255	347	449	631	1060	63.6	65.0	65.7	66.0	66.0	66.0	66.0	66.0
1669	07/01/00	69.9	91.8	146	242	345	441	611	1030	63.5	64.4	65.4	65.6	65.5	65.5	65.6	65.5
1671	07/01/00	69.9	88.8	160	242	345	427	627	1050	63.8	65.0	65.6	65.9	66.0	66.0	66.0	66.0
1672	07/01/00	62.9	86.8	150	246	353	441	631	1050	63.5	65.2	65.8	66.0	66.0	66.0	66.0	66.0
1674	07/01/00	66.9	89.8	150	253	353	435	623	1050	62.6	64.4	65.4	65.6	65.6	65.6	65.6	65.6
1675	07/01/00	67.9	92.8	144	251	359	443	615	1040	62.4	64.2	65.1	65.3	65.4	65.4	65.4	65.4
1678	08/01/00	68.9	89.8	142	246	335	421	615	1040	63.1	64.4	64.8	65.2	65.3	65.3	65.4	65.3

1679	08/01/00	64.9	85.8	144	250	359	449	627	1050	63.1	64.4	65.4	65.6	65.6	65.6	65.6	65.6
1680	08/01/00	65.9	85.8	146	246	347	441	603	1030	62.8	64.3	64.8	65.2	65.2	65.2	65.3	65.3
1682	10/01/00	66.9	90.8	144	248	353	439	631	1050	63.1	64.7	65.4	65.6	65.7	65.8	65.7	65.7
1683	10/01/00	65.9	86.8	152	244	351	447	619	1040	62.9	64.3	65.0	65.3	65.3	65.4	65.4	65.4
1684	10/01/00	69.9	87.8	146	248	345	433	619	1050	63.1	64.4	65.4	65.8	65.7	65.8	65.8	65.7
1686	10/01/00	68.9	85.8	142	251	359	443	631	1060	62.4	64.0	64.9	65.2	65.2	65.3	65.2	65.3
1687	10/01/00	65.9	88.8	144	250	357	449	615	1040	62.4	64.1	65.1	65.4	65.4	65.5	65.4	65.5
1693	11/01/00	64.9	87.8	146	251	357	441	627	1060	62.9	64.6	65.1	65.4	65.6	65.5	65.5	65.5
1695	11/01/00	67.9	86.8	142	250	355	439	627	1050	63.5	64.7	65.5	66.0	66.0	66.0	66.1	66.1
1700	11/01/00	68.9	87.8	144	244	351	433	627	1070	62.8	64.1	64.6	64.9	65.0	65.1	65.0	65.0
1702	11/01/00	69.9	85.8	142	246	349	443	627	1060	63.3	64.4	65.2	65.6	65.6	65.6	65.6	65.6
1708	11/01/00	64.9	88.8	156	246	353	441	627	1050	63.1	64.8	65.4	65.6	65.7	65.7	65.6	65.7
1706	11/01/00	67.9	87.8	142	248	357	443	635	1060	63.6	64.8	65.4	65.7	65.7	65.7	65.7	65.7
1705	11/01/00	68.9	94.8	158	246	353	445	615	1040	63.5	64.8	65.2	65.5	65.6	65.6	65.6	65.6
1707	11/01/00	64.9	87.8	148	242	347	441	615	1040	63.1	64.6	65.3	65.6	65.7	65.7	65.7	65.7
1710	11/01/00	69.9	89.8	150	244	349	439	623	1060	63.8	64.8	65.4	65.6	65.7	65.7	65.7	65.7
1712	11/01/00	63.9	92.8	154	242	341	433	611	1040	63.3	64.8	65.2	65.6	65.5	65.6	65.5	65.6
1713	11/01/00	64.9	88.8	158	244	347	433	619	1050	63.6	65.2	66.0	66.2	66.2	66.2	66.2	66.2
1714	11/01/00	66.9	86.8	144	250	355	441	627	1050	63.1	64.3	65.0	65.3	65.4	65.4	65.4	65.4
1715	11/01/00	68.9	87.8	154	242	351	439	623	1060	63.8	64.8	65.4	65.5	65.6	65.6	65.6	65.6
1718	13/01/00	65.9	94.8	158	253	355	453	623	1050	63.1	64.3	64.7	65.0	65.0	65.0	65.0	65.0
1723	14/01/00	62.9	89.8	150	244	349	441	627	1050	63.3	64.4	65.0	65.2	65.2	65.2	65.2	65.2
1724	14/01/00	66.9	86.8	148	244	349	441	611	1040	63.3	64.6	65.0	65.3	65.4	65.4	65.4	65.4
1725	14/01/00	63.9	86.8	158	242	341	435	619	1040	63.3	64.6	65.2	65.6	65.6	65.6	65.6	65.6
1726	14/01/00	66.9	91.8	156	246	349	435	627	1060	62.9	64.4	64.8	65.0	65.1	65.2	65.1	65.1
1728	14/01/00	68.9	90.8	160	248	353	439	623	1050	63.1	64.6	65.0	65.3	65.4	65.4	65.4	65.4
1729	14/01/00	68.9	87.8	142	246	351	447	611	1030	64.0	65.2	65.8	66.0	66.2	66.2	66.2	66.2
1730	14/01/00	65.9	91.8	158	253	351	453	635	1050	63.1	64.4	64.7	65.0	65.0	65.0	65.0	65.0
1731	14/01/00	66.9	92.8	154	244	351	439	623	1050	62.9	64.3	64.8	65.2	65.2	65.2	65.2	65.1
1733	14/01/00	62.9	86.8	154	248	347	435	607	1040	62.6	64.3	64.8	65.0	65.0	65.1	65.1	65.0
1734	14/01/00	68.9	85.8	156	242	353	439	619	1060	63.1	64.3	65.0	65.3	65.3	65.4	65.4	65.3
1735	15/01/00	68.9	86.8	142	250	353	439	615	1030	63.5	64.4	65.0	65.2	65.3	65.4	65.4	65.4
1737	15/01/00	68.9	87.8	158	250	357	441	635	1060	63.6	65.0	65.6	65.8	65.8	65.8	65.8	65.9
1738	15/01/00	64.9	85.8	152	246	353	439	631	1060	62.9	64.3	65.0	65.3	65.4	65.4	65.4	65.4