

Radar Type 5_Trial 7

Trial Number:		7		VSG Frequency(MHz):		5310
Number of Bursts in Trial:		18		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	96.6	17	1302.4	999.4	518206
2	1	60.4	17			16439
3	3	84.2	17	1834.8	1597.8	176758
4	2	76.3	17	1217.7		338480
5	3	88.6	17	1289.4	1771.4	497794
6	1	59.9	17			661425
7	3	84.9	17	1261.1	1365.1	157222
8	1	54.5	17			319091
9	1	50.8	17			480828
10	1	55.1	17			641719
11	3	95.1	17	1675.9	1013.9	137485
12	2	83.2	17	1701.8		298500
13	1	54.5	17			460570
14	1	51.5	17			621845
15	2	73.6	17	1091.4		117946
16	1	65.9	17			279611
17	3	94.1	17	1105.9	1735.9	438645
18	3	96.5	17	903.5	1084.5	599717

Radar Type 5_Trial 8

Trial Number:		8		VSG Frequency(MHz):		5310
Number of Bursts in Trial:		20		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	63.3	19			88435
2	1	60	19			233755
3	2	72.4	19	996.6		377962
4	1	66.2	19			524214
5	2	82	19	933		70391
6	2	76.9	19	1208.1		215368
7	3	87.4	19	1497.6	1002.6	359056
8	3	84.1	19	1510.9	1010.9	503764
9	3	90.5	19	1691.5	1759.5	52367
10	1	60.4	19			197691
11	2	71.9	19	1077.1		342454
12	3	89.9	19	1776.1	1160.1	485224
13	2	74.1	19	1044.9		34745
14	2	70.7	19	932.3		179725
15	2	76.6	19	1715.4		324324
16	3	83.6	19	1448.4	917.4	468103
17	2	81.1	19	1598.9		16866
18	2	77.1	19	1244.9		161750
19	1	54	19			307173
20	1	66.5	19			452528

Radar Type 5_Trial 9

Trial Number:			9	VSG Frequency(MHz):		5310
Number of Bursts in Trial:			19	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	97.5	19	918.5	1278.5	627010
2	2	81.4	19	1232.6		151499
3	3	93.2	19	1061.8	1784.8	303073
4	1	60.3	19			457641
5	1	54.3	19			609973
6	2	82.1	19	1142.9		132665
7	3	94.5	19	1324.5	1462.5	284456
8	1	56.8	19			438708
9	2	82.4	19	1103.6		590746
10	1	64.5	19			114107
11	2	73.8	19	1744.2		266070
12	1	55.5	19			419524
13	3	91.2	19	1458.8	988.8	570171
14	2	78.7	19	1877.3		94960
15	1	58.7	19			247970
16	2	72.9	19	1124.1		400470
17	2	75.3	19	935.7		553009
18	2	80.3	19	1882.7		76261
19	2	78.5	19	1258.5		228792

Radar Type 5_Trial 10

Trial Number:		10		VSG Frequency(MHz):		5310
Number of Bursts in Trial:		10		Successful Detection:		No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57.2	7			727000
2	3	88.9	7	1619.1	1067.1	1014862
3	1	54.5	7			109740
4	2	69.4	7	1546.6		399887
5	2	74.5	7	1172.5		690242
6	2	82.6	7	1539.4		980619
7	1	60.9	7			73901
8	2	81	7	1840		363866
9	2	74.4	7	1378.6		654563
10	1	56.5	7			946035

Radar Type 5_Trial 11

Trial Number:		11		VSG Frequency(MHz):		5314.4
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	70.9	11	1044.1		29261
2	2	70.5	11	1769.5		252311
3	3	96.5	11	1384.5	1247.5	474890
4	1	61.9	11			700112
5	2	77.5	11	1837.5		1761
6	3	99.1	11	1138.9	1158.9	224578
7	2	81.9	11	1813.1		448072
8	2	66.9	11	964.1		671896
9	1	62	11			895362
10	1	61.8	11			197821
11	3	100	11	1303	1697	419849
12	2	82.4	11	1740.6		643536
13	2	80.6	11	1276.4		867122

Radar Type 5_Trial 12

Trial Number:		12		VSG Frequency(MHz):		5313.6
Number of Bursts in Trial:		11		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	51.6	9			201180
2	2	76	9	1002		464941
3	3	86.7	9	1699.3	1592.3	727080
4	1	66.3	9			994255
5	3	98.8	9	1196.2	1814.2	168219
6	3	95.5	9	1724.5	1512.5	431449
7	1	61.9	9			697377
8	1	53.7	9			961212
9	1	58.2	9			136083
10	1	50.7	9			400380
11	3	98.7	9	1636.3	1586.3	662730

Radar Type 5_Trial 13

Trial Number:		13		VSG Frequency(MHz):		5315.6
Number of Bursts in Trial:		16		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	96.8	14	910.2	965.2	636157
2	2	77.7	14	1813.3		70943
3	3	92.9	14	1514.1	1790.1	251524
4	1	61.9	14			434008
5	2	68.6	14	1397.4		614910
6	2	77.7	14	1548.3		48726
7	3	93.5	14	1117.5	1233.5	229702
8	1	51	14			411980
9	2	70.1	14	1071.9		592107
10	1	50.2	14			26434
11	1	61.5	14			207894
12	3	94	14	1397	1332	387915
13	2	77.3	14	1159.7		570305
14	3	93.7	14	1350.3	1896.3	4064
15	1	63.7	14			185575
16	2	79.7	14	1764.3		366216

Radar Type 5_Trial 14

Trial Number:			14	VSG Frequency(MHz):		5317.2
Number of Bursts in Trial:			18	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	76.8	18	1816.2		486496
2	1	56	18			649127
3	1	63.3	18			145037
4	2	68.5	18	1680.5		305438
5	2	78.5	18	1824.5		466217
6	2	74.9	18	1822.1		627521
7	1	58.3	18			125290
8	1	52.8	18			286330
9	3	93.5	18	1653.5	1489.5	445360
10	3	87.9	18	1295.1	1248.1	606743
11	1	66.3	18			105370
12	1	62.2	18			266703
13	3	85.6	18	1885.4	1377.4	425493
14	1	62.4	18			589415
15	1	52.8	18			85503
16	1	62.7	18			246607
17	2	69.7	18	1876.3		406665
18	3	97.9	18	954.1	1546.1	566929

Radar Type 5_Trial 15

Trial Number:		15		VSG Frequency(MHz):		5315.2
Number of Bursts in Trial:		15		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	65.1	13			78786
2	3	99.8	13	948.2	1779.2	271291
3	1	56.1	13			466238
4	2	70	13	1295		658425
5	3	98.3	13	1720.7	972.7	54697
6	3	84.4	13	1367.6	1238.6	247761
7	2	68.4	13	1740.6		441115
8	3	99	13	1639	1211	633835
9	1	62.2	13			31029
10	2	80.3	13	970.7		224448
11	3	90.2	13	1382.8	1677.8	416419
12	2	82	13	1490		610871
13	1	59.3	13			7180
14	2	72.6	13	1167.4		200518
15	3	85.1	13	1007.9	1162.9	393401

Radar Type 5_Trial 16

Trial Number:		16		VSG Frequency(MHz):		5316
Number of Bursts in Trial:		16		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	65.8	15			551501
2	3	85.2	15	1543.8	1265.8	729923
3	3	97.7	15	1813.3	1408.3	165204
4	3	95	15	932	1770	346186
5	2	82.2	15	1407.8		527759
6	2	70.1	15	1101.9		709276
7	2	71.8	15	1694.2		143143
8	2	69.4	15	1890.6		324158
9	3	90	15	1562	1234	504798
10	2	68.5	15	1811.5		686164
11	2	80.8	15	1500.2		120866
12	1	61.3	15			302644
13	2	81.2	15	1400.8		483304
14	1	65.5	15			666028
15	1	57.7	15			98815
16	3	97.4	15	1367.6	1804.6	279081

Radar Type 5_Trial 17

Trial Number:			17	VSG Frequency(MHz):		5314.8
Number of Bursts in Trial:			13	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	98.8	12	1222.2	1169.2	566865
2	2	74.2	12	1148.8		790881
3	2	79.5	12	1027.5		94028
4	2	78.5	12	923.5		317465
5	1	63.9	12			541217
6	2	73.5	12	1543.5		763013
7	1	56.7	12			66625
8	1	57.7	12			290248
9	2	78.9	12	1056.1		513091
10	1	50.1	12			737158
11	2	79.6	12	1435.4		38997
12	1	62.7	12			262629
13	2	78	12	1102		485451

Radar Type 5_Trial 18

Trial Number:		18		VSG Frequency(MHz):		5317.6
Number of Bursts in Trial:		19		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	62.7	19			485076
2	1	61.4	19			7893
3	2	78.5	19	1360.5		160344
4	3	93.7	19	983.3	1774.3	312049
5	2	77.2	19	1132.8		465338
6	2	69.8	19	1789.2		617300
7	2	77.2	19	1023.8		141660
8	1	55.1	19			294589
9	2	67.7	19	1072.3		446586
10	3	87.5	19	1642.5	965.5	597492
11	2	77.7	19	1869.3		122596
12	3	93.3	19	1517.7	910.7	274853
13	2	80.4	19	1336.6		427416
14	1	66.2	19			581583
15	1	51.5	19			104303
16	2	67.5	19	1352.5		256366
17	2	73	19	1732		408672
18	3	87.2	19	1189.8	1836.8	559548
19	3	83.4	19	983.6	1446.6	85113

Radar Type 5_Trial 19

Trial Number:		19		VSG Frequency(MHz):		5312.8
Number of Bursts in Trial:		10		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	54.4	7			453323
2	2	83	7	1637		742838
3	3	91.4	7	1474.6	1186.6	1032362
4	1	57.8	7			126692
5	2	79.9	7	1592.1		416647
6	3	94.1	7	1905.9	1184.9	706212
7	2	71.1	7	1878.9		997026
8	3	92.3	7	1799.7	1292.7	90626
9	2	78.4	7	1408.6		381140
10	3	90	7	1670	1701	670238

Radar Type 5_Trial 20

Trial Number:		20		VSG Frequency(MHz):		5315.2
Number of Bursts in Trial:		14		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	66.1	13			687291
2	2	82.1	13	1857.9		39223
3	3	90.6	13	1673.4	1210.4	245904
4	1	59.1	13			454178
5	3	91.4	13	1138.6	1647.6	659373
6	2	77.3	13	1791.7		13715
7	1	57.1	13			221198
8	1	52.2	13			428848
9	2	67.6	13	1154.4		635505
10	1	53.9	13			844207
11	3	95.8	13	1093.2	1780.2	194888
12	2	80.5	13	1915.5		402287
13	3	92.2	13	1013.8	1830.8	608896
14	2	81.1	13	1744.9		816285

Radar Type 5_Trial 21

Trial Number:		21		VSG Frequency(MHz):		5305.2
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	86.7	12	1675.3	1844.3	182467
2	1	51.7	12			406544
3	3	85.3	12	1456.7	1037.7	628364
4	3	83.5	12	1556.5	1046.5	851151
5	1	57.3	12			155687
6	1	55.2	12			379167
7	3	90.3	12	1895.7	1522.7	600387
8	1	55.8	12			826085
9	1	62.9	12			128160
10	3	96.2	12	1545.8	1209.8	350547
11	1	58.2	12			574984
12	3	95.1	12	1656.9	1458.9	795566
13	2	71.3	12	1877.7		100491

Radar Type 5_Trial 22

Trial Number:		22		VSG Frequency(MHz):		5307.2
Number of Bursts in Trial:		9		Successful Detection:		No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	53.6	7			468582
2	3	98.7	7	1889.3	1143.3	789407
3	3	99.6	7	1343.4	1312.4	1111748
4	1	56	7			105687
5	2	77.5	7	1293.5		428293
6	3	98.9	7	1274.1	1004.1	750482
7	1	65.2	7			1074354
8	1	51.6	7			65890
9	1	55.4	7			388998

Radar Type 5_Trial 23

Trial Number:			23	VSG Frequency(MHz):		5304.8
Number of Bursts in Trial:			14	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	87.2	13	976.8	1182.8	456222
2	3	84.1	13	1371.9	1726.9	662502
3	3	89	13	967	1039	16717
4	3	88.9	13	1357.1	1738.1	223331
5	3	94.5	13	986.5	1466.5	430680
6	1	65.2	13			639436
7	1	55.4	13			846981
8	2	83.2	13	1070.8		198521
9	3	87.7	13	1173.3	1039.3	404915
10	2	74	13	1161		612568
11	3	90.8	13	1506.2	1882.2	817524
12	1	60.3	13			173201
13	2	71.1	13	1801.9		379951
14	2	78.1	13	1777.9		587132

Radar Type 5_Trial 24

Trial Number:		24		VSG Frequency(MHz):		5305.6
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	58.8	11			856587
2	3	87.7	11	1491.3	1450.3	158431
3	3	85	11	1345	1336	381373
4	2	73.1	11	1582.9		604827
5	3	99.7	11	949.3	1372.3	827314
6	1	60.2	11			131379
7	2	69.2	11	1913.8		354215
8	3	94.4	11	1898.6	1169.6	576540
9	1	50.9	11			802360
10	3	96.4	11	1332.6	1767.6	103505
11	1	56	11			327585
12	1	53.5	11			550800
13	1	53.5	11			774253

Radar Type 5_Trial 25

Trial Number:			25	VSG Frequency(MHz):		5303.6
Number of Bursts in Trial:			17	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	68	16	1699		58267
2	3	98	16	981	1380	228326
3	2	68.2	16	1687.8		398813
4	2	81.7	16	1280.3		570087
5	2	76.9	16	1744.1		37258
6	2	79.5	16	1206.5		207709
7	2	81.3	16	1084.7		378378
8	1	64.6	16			549911
9	1	51.1	16			16288
10	3	94.6	16	1633.4	1154.4	186405
11	2	68.5	16	1641.5		357224
12	1	60.8	16			528866
13	2	75	16	1493		697742
14	1	50.4	16			166097
15	2	79.7	16	1539.3		336250
16	1	58.4	16			507802
17	3	84.2	16	1458.8	1431.8	676043

Radar Type 5_Trial 26

Trial Number:		26		VSG Frequency(MHz):		5306
Number of Bursts in Trial:		12		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	54.2	10			205511
2	1	61	10			447775
3	2	82.5	10	1009.5		689367
4	2	70.6	10	1232.4		931205
5	3	90.8	10	1674.2	1636.2	175168
6	2	68.4	10	1916.6		417080
7	3	92.6	10	1744.4	1784.4	657633
8	2	75.7	10	1291.3		900689
9	1	65.6	10			145963
10	3	91.4	10	1473.6	1019.6	387034
11	3	86.2	10	1224.8	1531.8	628615
12	3	92.8	10	1855.2	1312.2	869468

Radar Type 5_Trial 27

Trial Number:		27		VSG Frequency(MHz):		5304.4
Number of Bursts in Trial:		15		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	83.1	14	1483.9		92710
2	3	92.6	14	1705.4	1506.4	285381
3	2	82.9	14	1601.1		478875
4	3	91	14	935	1252	671881
5	1	61.7	14			68990
6	3	87.4	14	931.6	936.6	261939
7	3	85.3	14	1581.7	958.7	454720
8	2	69.4	14	1080.6		649017
9	3	92.3	14	1066.7	1366.7	45024
10	1	63.8	14			238778
11	2	80.9	14	1766.1		431503
12	3	89.8	14	1884.2	1616.2	623037
13	1	63.4	14			21285
14	1	57.7	14			215068
15	3	93.2	14	1870.8	1865.8	406865

Radar Type 5_Trial 28

Trial Number:		28		VSG Frequency(MHz):		5308
Number of Bursts in Trial:		8		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	66.5	5			1130152
2	1	62.3	5			1493868
3	2	74.6	5	1573.4		358181
4	1	59.8	5			721861
5	3	89.5	5	1555.5	1249.5	1083093
6	3	85.9	5	1311.1	1756.1	1446033
7	2	66.7	5	1397.3		313511
8	3	92.1	5	1374.9	1126.9	676008

Radar Type 5_Trial 29

Trial Number:		29		VSG Frequency(MHz):		5307.6
Number of Bursts in Trial:		8		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	95	6	1799	1886	1038009
2	2	71	6	1447		1402462
3	2	83	6	1262		268919
4	2	77.3	6	940.7		632072
5	2	79.5	6	1108.5		995039
6	2	75.7	6	966.3		1358052
7	1	55.9	6			224291
8	1	61.3	6			587763

Radar Type 5_Trial 30

Trial Number:		30		VSG Frequency(MHz):		5306.8
Number of Bursts in Trial:		10		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	88.1	8	1827.9	1810.9	758285
2	3	95.2	8	1441.8	1525.8	1048432
3	2	71.9	8	1067.1		143532
4	2	68	8	1477		433771
5	1	51.9	8			725019
6	3	85.6	8	1159.4	1500.4	1013071
7	2	69.9	8	1077.1		107668
8	1	63.3	8			398642
9	1	63.1	8			689270
10	3	94.4	8	1609.6	1429.6	977450

Frequency Hopping Radar Test Waveforms

Radar Type 6

Trial	Pulse Width	PRI	Pulses per Hop	Hopping Rate	Hopping Sequence Length	Successful Detection
	(μ sec)	(μ sec)		(kHz)	(msec)	(Yes/No)
1	1	333	9	0.333	300	Yes
2	1	333	9	0.333	300	Yes
3	1	333	9	0.333	300	Yes
4	1	333	9	0.333	300	Yes
5	1	333	9	0.333	300	Yes
6	1	333	9	0.333	300	Yes
7	1	333	9	0.333	300	Yes
8	1	333	9	0.333	300	Yes
9	1	333	9	0.333	300	Yes
10	1	333	9	0.333	300	Yes
11	1	333	9	0.333	300	Yes
12	1	333	9	0.333	300	Yes
13	1	333	9	0.333	300	Yes
14	1	333	9	0.333	300	Yes
15	1	333	9	0.333	300	Yes
16	1	333	9	0.333	300	Yes
17	1	333	9	0.333	300	Yes
18	1	333	9	0.333	300	Yes
19	1	333	9	0.333	300	Yes
20	1	333	9	0.333	300	Yes
21	1	333	9	0.333	300	Yes
22	1	333	9	0.333	300	Yes
23	1	333	9	0.333	300	Yes
24	1	333	9	0.333	300	Yes
25	1	333	9	0.333	300	Yes
26	1	333	9	0.333	300	Yes
27	1	333	9	0.333	300	Yes
28	1	333	9	0.333	300	Yes
29	1	333	9	0.333	300	Yes
30	1	333	9	0.333	300	Yes

< Channel Bandwidth 80MHz / 5290MHz >

Short Pulse Radar Test Waveforms

Radar Type 1

Trial	VSG Frequency (MHz)	Pulse Repetition Frequency	Pulse Repetition Frequency	PRI	Test A/B	Successful Detection
		Number (1 to 23)	(Pulses Per Second)	(msec)	A/B	(Yes/No)
1	5290	18	1165.5	858	A	Yes
2	5290	5	1672.2	598	A	Yes
3	5290	10	1432.7	698	A	Yes
4	5290	12	1355	738	A	No
5	5290	4	1730.1	578	A	Yes
6	5290	3	1792.1	558	A	Yes
7	5290	19	1139	878	A	Yes
8	5290	13	1319.3	758	A	Yes
9	5290	17	1193.3	838	A	Yes
10	5290	2	1858.7	538	A	Yes
11	5290	20	1113.6	898	A	Yes
12	5290	11	1392.8	718	A	Yes
13	5290	9	1474.9	678	A	Yes
14	5290	1	1930.5	518	A	No
15	5290	7	1567.4	638	A	No
16	5290	-	813	1230	B	Yes
17	5290	-	585.1	1709	B	No
18	5290	-	684.5	1461	B	No
19	5290	-	795.5	1257	B	Yes
20	5290	-	1029.9	971	B	Yes
21	5290	-	784.9	1274	B	Yes
22	5290	-	489.7	2042	B	Yes
23	5290	-	401.8	2489	B	Yes
24	5290	-	428.4	2334	B	Yes
25	5290	-	686.3	1457	B	Yes
26	5290	-	1538.5	650	B	Yes
27	5290	-	377.4	2650	B	Yes
28	5290	-	1201.9	832	B	No
29	5290	-	456	2193	B	Yes
30	5290	-	555.9	1799	B	Yes

Radar Type 2

Trial	VSG Frequency (MHz)	Number Pulses per Burst (23-29)	Pulse Width (1-5)	PRI (150-230)	Successful Detection
			(μ s)	(μ s)	(Yes/No)
1	5290	23	1.5	220	Yes
2	5290	25	2.5	155	No
3	5290	27	3.5	210	Yes
4	5290	25	2.3	156	Yes
5	5290	29	4.7	153	No
6	5290	25	2.4	165	Yes
7	5290	28	4.1	218	Yes
8	5290	29	4.8	212	Yes
9	5290	29	4.7	199	Yes
10	5290	24	1.6	205	Yes
11	5290	25	2.6	186	No
12	5290	24	2	208	Yes
13	5290	27	3.5	188	Yes
14	5290	28	4.4	179	Yes
15	5290	26	3.2	229	Yes
16	5290	27	3.6	183	Yes
17	5290	26	2.8	181	Yes
18	5290	29	4.7	180	No
19	5290	24	1.6	226	Yes
20	5290	26	3.1	184	Yes
21	5290	26	2.8	189	Yes
22	5290	24	1.6	167	Yes
23	5290	26	3.1	157	Yes
24	5290	25	2.7	227	Yes
25	5290	27	3.8	221	Yes
26	5290	25	2.4	202	Yes
27	5290	27	3.4	171	Yes
28	5290	23	1	182	Yes
29	5290	23	1.3	197	Yes
30	5290	24	1.7	194	Yes

Radar Type 3

Trial	VSG Frequency (MHz)	Number Pulses per Burst (16-18)	Pulse Width (6-10)	PRI (200-500)	Successful Detection
			(μ s)	(μ s)	(Yes/No)
1	5290	16	6.5	232	Yes
2	5290	17	7.5	239	Yes
3	5290	17	8.5	372	Yes
4	5290	16	7.3	382	No
5	5290	18	9.7	489	No
6	5290	17	7.4	451	No
7	5290	18	9.1	204	Yes
8	5290	18	9.8	314	Yes
9	5290	18	9.7	225	Yes
10	5290	16	6.6	228	Yes
11	5290	17	7.6	463	Yes
12	5290	16	7	365	Yes
13	5290	17	8.5	211	No
14	5290	18	9.4	325	Yes
15	5290	17	8.2	474	Yes
16	5290	17	8.6	400	Yes
17	5290	17	7.8	468	No
18	5290	18	9.7	202	Yes
19	5290	16	6.6	410	Yes
20	5290	17	8.1	439	Yes
21	5290	17	7.8	409	Yes
22	5290	16	6.6	261	Yes
23	5290	17	8.1	475	Yes
24	5290	17	7.7	333	Yes
25	5290	18	8.8	216	Yes
26	5290	17	7.4	260	Yes
27	5290	17	8.4	363	Yes
28	5290	16	6	452	Yes
29	5290	16	6.3	272	Yes
30	5290	16	6.7	268	No

Radar Type 4

Trial	VSG Frequency (MHz)	Number Pulses per Burst (12-16)	Pulse Width (11-20)	PRI (200-500)	Successful Detection
			(μ s)	(μ s)	(Yes/No)
1	5290	12	12.2	232	Yes
2	5290	13	14.5	239	No
3	5290	15	16.5	372	Yes
4	5290	13	13.9	382	Yes
5	5290	16	19.2	489	Yes
6	5290	13	14.1	451	Yes
7	5290	15	18	204	Yes
8	5290	16	19.4	314	Yes
9	5290	16	19.3	225	Yes
10	5290	12	12.4	228	Yes
11	5290	14	14.7	463	No
12	5290	13	13.3	365	No
13	5290	15	16.6	211	Yes
14	5290	16	18.5	325	No
15	5290	14	15.9	474	Yes
16	5290	15	16.9	400	No
17	5290	14	15.1	468	Yes
18	5290	16	19.2	202	Yes
19	5290	12	12.5	410	Yes
20	5290	14	15.6	439	Yes
21	5290	14	15	409	No
22	5290	12	12.3	261	Yes
23	5290	14	15.8	475	No
24	5290	14	14.8	333	Yes
25	5290	15	17.3	216	Yes
26	5290	13	14.2	260	Yes
27	5290	14	16.3	363	Yes
28	5290	12	11	452	Yes
29	5290	12	11.6	272	Yes
30	5290	12	12.7	268	Yes

Long Pulse Radar Test Waveforms

Radar Type 5_Trial 1

Trial Number:		1		VSG Frequency(MHz):		5290
Number of Bursts in Trial:		9		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	56.8	7			505791
2	2	69.3	7	1325.7		827892
3	2	80.5	7	1003.5		1150939
4	1	66.1	7			142835
5	3	95.5	7	1398.5	1176.5	464917
6	2	67.2	7	1488.8		787881
7	3	88.7	7	1674.3	1078.3	1109444
8	3	96.5	7	1157.5	1705.5	102804
9	3	95.7	7	1814.3	1790.3	424833

Radar Type 5_Trial 2

Trial Number:		2		VSG Frequency(MHz):		5290
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57.8	11			518559
2	2	70.7	11	1260.3		740770
3	1	62.7	11			43804
4	2	81.1	11	1853.9		266682
5	3	91.6	11	1182.4	1597.4	489248
6	2	77.3	11	1722.7		712574
7	2	82.7	11	1825.3		16221
8	2	72.7	11	1514.3		239312
9	3	95.2	11	1113.8	1399.8	462008
10	1	58.4	11			687000
11	2	75.6	11	1253.4		909259
12	2	72	11	1240		211897
13	1	57.6	11			435781

Radar Type 5_Trial 3

Trial Number:			3	VSG Frequency(MHz):		5290
Number of Bursts in Trial:			15	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	76.6	14	1083.4		570628
2	2	71	14	1356		763437
3	3	84.9	14	1333.1	1609.1	159379
4	2	67.9	14	975.1		353429
5	2	79.7	14	1051.3		546819
6	1	50.5	14			741113
7	1	53.6	14			136172
8	1	59.6	14			329765
9	1	66.5	14			523306
10	3	92.7	14	1566.3	1761.3	713583
11	3	97.9	14	1227.1	952.1	111937
12	2	75.9	14	1762.1		305154
13	1	54.4	14			499561
14	3	87.8	14	1494.2	1300.2	691134
15	3	92.7	14	1263.3	1112.3	88160

Radar Type 5_Trial 4

Trial Number:			4	VSG Frequency(MHz):		5290
Number of Bursts in Trial:			12	Successful Detection:		No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	85.8	10	1669.2	1410.2	351791
2	2	79.1	10	1699.9		594029
3	1	61.1	10			837158
4	1	54.1	10			80802
5	3	86.9	10	1127.1	923.1	322391
6	2	82.5	10	1687.5		563973
7	1	54.6	10			807675
8	3	88.1	10	1002.9	1691.9	50815
9	3	87.2	10	1736.8	1625.8	292220
10	2	71.4	10	1335.6		534558
11	2	69.2	10	1510.8		775987
12	1	66.4	10			21153

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Radar Type 5_Trial 5

Trial Number:		5		VSG Frequency(MHz):		5290
Number of Bursts in Trial:		19		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	77.4	19	1011.6		165995
2	2	71	19	1222		318441
3	1	56.5	19			471624
4	1	57.7	19			624176
5	3	93.4	19	1545.6	1810.6	146546
6	2	75	19	953		299659
7	3	99.3	19	1336.7	1215.7	451332
8	3	92.8	19	1885.2	1205.2	602340
9	1	59.5	19			128500
10	2	81.3	19	1747.7		280671
11	2	77.6	19	1643.4		432946
12	3	87.6	19	1699.4	999.4	584139
13	3	88.2	19	1783.8	1110.8	109116
14	3	92.8	19	1199.2	1610.2	261386
15	3	86	19	1886	986	413437
16	3	91.4	19	1775.6	1318.6	565228
17	2	78.1	19	1597.9		90631
18	1	64.8	19			243625
19	1	55.2	19			396629

Radar Type 5_Trial 6

Trial Number:		6		VSG Frequency(MHz):		5290
Number of Bursts in Trial:		12		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	87.2	10	1563.8	1839.8	867122
2	3	89.6	10	1341.4	1512.4	113816
3	3	90	10	947	1541	355467
4	3	86.9	10	1057.1	1487.1	596574
5	1	66	10			840937
6	3	97.4	10	1336.6	1454.6	84105
7	2	71.5	10	1171.5		325946
8	3	85.2	10	996.8	948.8	567402
9	2	75.1	10	1758.9		809271
10	2	72	10	1085		54426
11	2	82.9	10	1306.1		296377
12	3	97.7	10	1308.3	1844.3	537126

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Radar Type 5_Trial 7

Trial Number:		7		VSG Frequency(MHz):		5290
Number of Bursts in Trial:		18		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	96.6	17	1302.4	999.4	518206
2	1	60.4	17			16439
3	3	84.2	17	1834.8	1597.8	176758
4	2	76.3	17	1217.7		338480
5	3	88.6	17	1289.4	1771.4	497794
6	1	59.9	17			661425
7	3	84.9	17	1261.1	1365.1	157222
8	1	54.5	17			319091
9	1	50.8	17			480828
10	1	55.1	17			641719
11	3	95.1	17	1675.9	1013.9	137485
12	2	83.2	17	1701.8		298500
13	1	54.5	17			460570
14	1	51.5	17			621845
15	2	73.6	17	1091.4		117946
16	1	65.9	17			279611
17	3	94.1	17	1105.9	1735.9	438645
18	3	96.5	17	903.5	1084.5	599717

Radar Type 5_Trial 8

Trial Number:		8		VSG Frequency(MHz):		5290
Number of Bursts in Trial:		20		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	63.3	19			88435
2	1	60	19			233755
3	2	72.4	19	996.6		377962
4	1	66.2	19			524214
5	2	82	19	933		70391
6	2	76.9	19	1208.1		215368
7	3	87.4	19	1497.6	1002.6	359056
8	3	84.1	19	1510.9	1010.9	503764
9	3	90.5	19	1691.5	1759.5	52367
10	1	60.4	19			197691
11	2	71.9	19	1077.1		342454
12	3	89.9	19	1776.1	1160.1	485224
13	2	74.1	19	1044.9		34745
14	2	70.7	19	932.3		179725
15	2	76.6	19	1715.4		324324
16	3	83.6	19	1448.4	917.4	468103
17	2	81.1	19	1598.9		16866
18	2	77.1	19	1244.9		161750
19	1	54	19			307173
20	1	66.5	19			452528

Radar Type 5_Trial 9

Trial Number:			9	VSG Frequency(MHz):		5290
Number of Bursts in Trial:			19	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	97.5	19	918.5	1278.5	627010
2	2	81.4	19	1232.6		151499
3	3	93.2	19	1061.8	1784.8	303073
4	1	60.3	19			457641
5	1	54.3	19			609973
6	2	82.1	19	1142.9		132665
7	3	94.5	19	1324.5	1462.5	284456
8	1	56.8	19			438708
9	2	82.4	19	1103.6		590746
10	1	64.5	19			114107
11	2	73.8	19	1744.2		266070
12	1	55.5	19			419524
13	3	91.2	19	1458.8	988.8	570171
14	2	78.7	19	1877.3		94960
15	1	58.7	19			247970
16	2	72.9	19	1124.1		400470
17	2	75.3	19	935.7		553009
18	2	80.3	19	1882.7		76261
19	2	78.5	19	1258.5		228792

Radar Type 5_Trial 10

Trial Number:		10		VSG Frequency(MHz):		5290
Number of Bursts in Trial:		10		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57.2	7			727000
2	3	88.9	7	1619.1	1067.1	1014862
3	1	54.5	7			109740
4	2	69.4	7	1546.6		399887
5	2	74.5	7	1172.5		690242
6	2	82.6	7	1539.4		980619
7	1	60.9	7			73901
8	2	81	7	1840		363866
9	2	74.4	7	1378.6		654563
10	1	56.5	7			946035

Radar Type 5_Trial 11

Trial Number:		11		VSG Frequency(MHz):		5294.4
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	70.9	11	1044.1		29261
2	2	70.5	11	1769.5		252311
3	3	96.5	11	1384.5	1247.5	474890
4	1	61.9	11			700112
5	2	77.5	11	1837.5		1761
6	3	99.1	11	1138.9	1158.9	224578
7	2	81.9	11	1813.1		448072
8	2	66.9	11	964.1		671896
9	1	62	11			895362
10	1	61.8	11			197821
11	3	100	11	1303	1697	419849
12	2	82.4	11	1740.6		643536
13	2	80.6	11	1276.4		867122

Radar Type 5_Trial 12

Trial Number:		12		VSG Frequency(MHz):		5293.6
Number of Bursts in Trial:		11		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	51.6	9			201180
2	2	76	9	1002		464941
3	3	86.7	9	1699.3	1592.3	727080
4	1	66.3	9			994255
5	3	98.8	9	1196.2	1814.2	168219
6	3	95.5	9	1724.5	1512.5	431449
7	1	61.9	9			697377
8	1	53.7	9			961212
9	1	58.2	9			136083
10	1	50.7	9			400380
11	3	98.7	9	1636.3	1586.3	662730

Radar Type 5_Trial 13

Trial Number:			13	VSG Frequency(MHz):		5295.6
Number of Bursts in Trial:			16	Successful Detection:		No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	96.8	14	910.2	965.2	636157
2	2	77.7	14	1813.3		70943
3	3	92.9	14	1514.1	1790.1	251524
4	1	61.9	14			434008
5	2	68.6	14	1397.4		614910
6	2	77.7	14	1548.3		48726
7	3	93.5	14	1117.5	1233.5	229702
8	1	51	14			411980
9	2	70.1	14	1071.9		592107
10	1	50.2	14			26434
11	1	61.5	14			207894
12	3	94	14	1397	1332	387915
13	2	77.3	14	1159.7		570305
14	3	93.7	14	1350.3	1896.3	4064
15	1	63.7	14			185575
16	2	79.7	14	1764.3		366216

Radar Type 5_Trial 14

Trial Number:			14	VSG Frequency(MHz):		5297.2
Number of Bursts in Trial:			18	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	76.8	18	1816.2		486496
2	1	56	18			649127
3	1	63.3	18			145037
4	2	68.5	18	1680.5		305438
5	2	78.5	18	1824.5		466217
6	2	74.9	18	1822.1		627521
7	1	58.3	18			125290
8	1	52.8	18			286330
9	3	93.5	18	1653.5	1489.5	445360
10	3	87.9	18	1295.1	1248.1	606743
11	1	66.3	18			105370
12	1	62.2	18			266703
13	3	85.6	18	1885.4	1377.4	425493
14	1	62.4	18			589415
15	1	52.8	18			85503
16	1	62.7	18			246607
17	2	69.7	18	1876.3		406665
18	3	97.9	18	954.1	1546.1	566929

Radar Type 5_Trial 15

Trial Number:		15		VSG Frequency(MHz):		5295.2
Number of Bursts in Trial:		15		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	65.1	13			78786
2	3	99.8	13	948.2	1779.2	271291
3	1	56.1	13			466238
4	2	70	13	1295		658425
5	3	98.3	13	1720.7	972.7	54697
6	3	84.4	13	1367.6	1238.6	247761
7	2	68.4	13	1740.6		441115
8	3	99	13	1639	1211	633835
9	1	62.2	13			31029
10	2	80.3	13	970.7		224448
11	3	90.2	13	1382.8	1677.8	416419
12	2	82	13	1490		610871
13	1	59.3	13			7180
14	2	72.6	13	1167.4		200518
15	3	85.1	13	1007.9	1162.9	393401

Radar Type 5_Trial 16

Trial Number:		16		VSG Frequency(MHz):		5296
Number of Bursts in Trial:		16		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	65.8	15			551501
2	3	85.2	15	1543.8	1265.8	729923
3	3	97.7	15	1813.3	1408.3	165204
4	3	95	15	932	1770	346186
5	2	82.2	15	1407.8		527759
6	2	70.1	15	1101.9		709276
7	2	71.8	15	1694.2		143143
8	2	69.4	15	1890.6		324158
9	3	90	15	1562	1234	504798
10	2	68.5	15	1811.5		686164
11	2	80.8	15	1500.2		120866
12	1	61.3	15			302644
13	2	81.2	15	1400.8		483304
14	1	65.5	15			666028
15	1	57.7	15			98815
16	3	97.4	15	1367.6	1804.6	279081

Radar Type 5_Trial 17

Trial Number:			17	VSG Frequency(MHz):		5294.8
Number of Bursts in Trial:			13	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	98.8	12	1222.2	1169.2	566865
2	2	74.2	12	1148.8		790881
3	2	79.5	12	1027.5		94028
4	2	78.5	12	923.5		317465
5	1	63.9	12			541217
6	2	73.5	12	1543.5		763013
7	1	56.7	12			66625
8	1	57.7	12			290248
9	2	78.9	12	1056.1		513091
10	1	50.1	12			737158
11	2	79.6	12	1435.4		38997
12	1	62.7	12			262629
13	2	78	12	1102		485451

Radar Type 5_Trial 18

Trial Number:		18		VSG Frequency(MHz):		5297.6
Number of Bursts in Trial:		19		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	62.7	19			485076
2	1	61.4	19			7893
3	2	78.5	19	1360.5		160344
4	3	93.7	19	983.3	1774.3	312049
5	2	77.2	19	1132.8		465338
6	2	69.8	19	1789.2		617300
7	2	77.2	19	1023.8		141660
8	1	55.1	19			294589
9	2	67.7	19	1072.3		446586
10	3	87.5	19	1642.5	965.5	597492
11	2	77.7	19	1869.3		122596
12	3	93.3	19	1517.7	910.7	274853
13	2	80.4	19	1336.6		427416
14	1	66.2	19			581583
15	1	51.5	19			104303
16	2	67.5	19	1352.5		256366
17	2	73	19	1732		408672
18	3	87.2	19	1189.8	1836.8	559548
19	3	83.4	19	983.6	1446.6	85113

Radar Type 5_Trial 19

Trial Number:		19		VSG Frequency(MHz):		5292.8
Number of Bursts in Trial:		10		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	54.4	7			453323
2	2	83	7	1637		742838
3	3	91.4	7	1474.6	1186.6	1032362
4	1	57.8	7			126692
5	2	79.9	7	1592.1		416647
6	3	94.1	7	1905.9	1184.9	706212
7	2	71.1	7	1878.9		997026
8	3	92.3	7	1799.7	1292.7	90626
9	2	78.4	7	1408.6		381140
10	3	90	7	1670	1701	670238

Radar Type 5_Trial 20

Trial Number:		20		VSG Frequency(MHz):		5295.2
Number of Bursts in Trial:		14		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	66.1	13			687291
2	2	82.1	13	1857.9		39223
3	3	90.6	13	1673.4	1210.4	245904
4	1	59.1	13			454178
5	3	91.4	13	1138.6	1647.6	659373
6	2	77.3	13	1791.7		13715
7	1	57.1	13			221198
8	1	52.2	13			428848
9	2	67.6	13	1154.4		635505
10	1	53.9	13			844207
11	3	95.8	13	1093.2	1780.2	194888
12	2	80.5	13	1915.5		402287
13	3	92.2	13	1013.8	1830.8	608896
14	2	81.1	13	1744.9		816285

Radar Type 5_Trial 21

Trial Number:		21		VSG Frequency(MHz):		5285.2
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	86.7	12	1675.3	1844.3	182467
2	1	51.7	12			406544
3	3	85.3	12	1456.7	1037.7	628364
4	3	83.5	12	1556.5	1046.5	851151
5	1	57.3	12			155687
6	1	55.2	12			379167
7	3	90.3	12	1895.7	1522.7	600387
8	1	55.8	12			826085
9	1	62.9	12			128160
10	3	96.2	12	1545.8	1209.8	350547
11	1	58.2	12			574984
12	3	95.1	12	1656.9	1458.9	795566
13	2	71.3	12	1877.7		100491

Radar Type 5_Trial 22

Trial Number:		22		VSG Frequency(MHz):		5287.2
Number of Bursts in Trial:		9		Successful Detection:		No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	53.6	7			468582
2	3	98.7	7	1889.3	1143.3	789407
3	3	99.6	7	1343.4	1312.4	1111748
4	1	56	7			105687
5	2	77.5	7	1293.5		428293
6	3	98.9	7	1274.1	1004.1	750482
7	1	65.2	7			1074354
8	1	51.6	7			65890
9	1	55.4	7			388998

Radar Type 5_Trial 23

Trial Number:		23		VSG Frequency(MHz):		5284.8
Number of Bursts in Trial:		14		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	87.2	13	976.8	1182.8	456222
2	3	84.1	13	1371.9	1726.9	662502
3	3	89	13	967	1039	16717
4	3	88.9	13	1357.1	1738.1	223331
5	3	94.5	13	986.5	1466.5	430680
6	1	65.2	13			639436
7	1	55.4	13			846981
8	2	83.2	13	1070.8		198521
9	3	87.7	13	1173.3	1039.3	404915
10	2	74	13	1161		612568
11	3	90.8	13	1506.2	1882.2	817524
12	1	60.3	13			173201
13	2	71.1	13	1801.9		379951
14	2	78.1	13	1777.9		587132

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Radar Type 5_Trial 24

Trial Number:		24		VSG Frequency(MHz):		5285.6
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	58.8	11			856587
2	3	87.7	11	1491.3	1450.3	158431
3	3	85	11	1345	1336	381373
4	2	73.1	11	1582.9		604827
5	3	99.7	11	949.3	1372.3	827314
6	1	60.2	11			131379
7	2	69.2	11	1913.8		354215
8	3	94.4	11	1898.6	1169.6	576540
9	1	50.9	11			802360
10	3	96.4	11	1332.6	1767.6	103505
11	1	56	11			327585
12	1	53.5	11			550800
13	1	53.5	11			774253

Radar Type 5_Trial 25

Trial Number:		25		VSG Frequency(MHz):		5283.6
Number of Bursts in Trial:		17		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	68	16	1699		58267
2	3	98	16	981	1380	228326
3	2	68.2	16	1687.8		398813
4	2	81.7	16	1280.3		570087
5	2	76.9	16	1744.1		37258
6	2	79.5	16	1206.5		207709
7	2	81.3	16	1084.7		378378
8	1	64.6	16			549911
9	1	51.1	16			16288
10	3	94.6	16	1633.4	1154.4	186405
11	2	68.5	16	1641.5		357224
12	1	60.8	16			528866
13	2	75	16	1493		697742
14	1	50.4	16			166097
15	2	79.7	16	1539.3		336250
16	1	58.4	16			507802
17	3	84.2	16	1458.8	1431.8	676043

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Radar Type 5_Trial 26

Trial Number:		26		VSG Frequency(MHz):		5286
Number of Bursts in Trial:		12		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	54.2	10			205511
2	1	61	10			447775
3	2	82.5	10	1009.5		689367
4	2	70.6	10	1232.4		931205
5	3	90.8	10	1674.2	1636.2	175168
6	2	68.4	10	1916.6		417080
7	3	92.6	10	1744.4	1784.4	657633
8	2	75.7	10	1291.3		900689
9	1	65.6	10			145963
10	3	91.4	10	1473.6	1019.6	387034
11	3	86.2	10	1224.8	1531.8	628615
12	3	92.8	10	1855.2	1312.2	869468

Radar Type 5_Trial 27

Trial Number:		27		VSG Frequency(MHz):		5284.4
Number of Bursts in Trial:		15		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	83.1	14	1483.9		92710
2	3	92.6	14	1705.4	1506.4	285381
3	2	82.9	14	1601.1		478875
4	3	91	14	935	1252	671881
5	1	61.7	14			68990
6	3	87.4	14	931.6	936.6	261939
7	3	85.3	14	1581.7	958.7	454720
8	2	69.4	14	1080.6		649017
9	3	92.3	14	1066.7	1366.7	45024
10	1	63.8	14			238778
11	2	80.9	14	1766.1		431503
12	3	89.8	14	1884.2	1616.2	623037
13	1	63.4	14			21285
14	1	57.7	14			215068
15	3	93.2	14	1870.8	1865.8	406865

Radar Type 5_Trial 28

Trial Number:		28		VSG Frequency(MHz):		5288
Number of Bursts in Trial:		8		Successful Detection:		No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	66.5	5			1130152
2	1	62.3	5			1493868
3	2	74.6	5	1573.4		358181
4	1	59.8	5			721861
5	3	89.5	5	1555.5	1249.5	1083093
6	3	85.9	5	1311.1	1756.1	1446033
7	2	66.7	5	1397.3		313511
8	3	92.1	5	1374.9	1126.9	676008

Radar Type 5_Trial 29

Trial Number:		29		VSG Frequency(MHz):		5287.6
Number of Bursts in Trial:		8		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	95	6	1799	1886	1038009
2	2	71	6	1447		1402462
3	2	83	6	1262		268919
4	2	77.3	6	940.7		632072
5	2	79.5	6	1108.5		995039
6	2	75.7	6	966.3		1358052
7	1	55.9	6			224291
8	1	61.3	6			587763

Radar Type 5_Trial 30

Trial Number:		30		VSG Frequency(MHz):		5286.8
Number of Bursts in Trial:		10		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	88.1	8	1827.9	1810.9	758285
2	3	95.2	8	1441.8	1525.8	1048432
3	2	71.9	8	1067.1		143532
4	2	68	8	1477		433771
5	1	51.9	8			725019
6	3	85.6	8	1159.4	1500.4	1013071
7	2	69.9	8	1077.1		107668
8	1	63.3	8			398642
9	1	63.1	8			689270
10	3	94.4	8	1609.6	1429.6	977450

Frequency Hopping Radar Test Waveforms

Radar Type 6

Trial	Pulse Width	PRI	Pulses per Hop	Hopping Rate	Hopping Sequence Length	Successful Detection
	(μ sec)	(μ sec)		(kHz)	(msec)	(Yes/No)
1	1	333	9	0.333	300	Yes
2	1	333	9	0.333	300	Yes
3	1	333	9	0.333	300	Yes
4	1	333	9	0.333	300	Yes
5	1	333	9	0.333	300	Yes
6	1	333	9	0.333	300	Yes
7	1	333	9	0.333	300	Yes
8	1	333	9	0.333	300	Yes
9	1	333	9	0.333	300	Yes
10	1	333	9	0.333	300	Yes
11	1	333	9	0.333	300	Yes
12	1	333	9	0.333	300	Yes
13	1	333	9	0.333	300	Yes
14	1	333	9	0.333	300	Yes
15	1	333	9	0.333	300	Yes
16	1	333	9	0.333	300	Yes
17	1	333	9	0.333	300	Yes
18	1	333	9	0.333	300	Yes
19	1	333	9	0.333	300	Yes
20	1	333	9	0.333	300	Yes
21	1	333	9	0.333	300	Yes
22	1	333	9	0.333	300	Yes
23	1	333	9	0.333	300	Yes
24	1	333	9	0.333	300	Yes
25	1	333	9	0.333	300	Yes
26	1	333	9	0.333	300	Yes
27	1	333	9	0.333	300	Yes
28	1	333	9	0.333	300	Yes
29	1	333	9	0.333	300	Yes
30	1	333	9	0.333	300	Yes

< Channel Bandwidth 20MHz / 5500 MHz >

Short Pulse Radar Test Waveforms

Radar Type 1

Trial	VSG Frequency (MHz)	Pulse Repetition Frequency	Pulse Repetition Frequency	PRI	Test A/B	Successful Detection
		Number (1 to 23)	(Pulses Per Second)	(msec)	A/B	(Yes/No)
1	5500	12	1355	738	A	Yes
2	5500	15	1253.1	798	A	Yes
3	5500	14	1285.3	778	A	Yes
4	5500	23	326.2	3066	A	No
5	5500	2	1858.7	538	A	No
6	5500	6	1618.1	618	A	Yes
7	5500	11	1392.8	718	A	Yes
8	5500	20	1113.6	898	A	No
9	5500	1	1930.5	518	A	No
10	5500	10	1432.7	698	A	No
11	5500	13	1319.3	758	A	No
12	5500	7	1567.4	638	A	No
13	5500	3	1792.1	558	A	No
14	5500	5	1672.2	598	A	Yes
15	5500	22	1066.1	938	A	Yes
16	5500	-	934.6	1070	B	Yes
17	5500	-	709.2	1410	B	Yes
18	5500	-	348.3	2871	B	Yes
19	5500	-	380.1	2631	B	Yes
20	5500	-	513.6	1947	B	Yes
21	5500	-	631.7	1583	B	No
22	5500	10	1432.7	698	B	Yes
23	5500	-	464	2155	B	Yes
24	5500	-	327.1	3057	B	Yes
25	5500	-	1697.8	589	B	Yes
26	5500	-	659.2	1517	B	No
27	5500	-	419.6	2383	B	Yes
28	5500	-	568.8	1758	B	No
29	5500	-	512	1953	B	Yes
30	5500	-	1477.1	677	B	Yes

Radar Type 2

Trial	VSG Frequency (MHz)	Number Pulses per Burst (23-29)	Pulse Width (1-5)	PRI (150-230)	Successful Detection
			(μ s)	(μ s)	(Yes/No)
1	5500	24	1.8	179	Yes
2	5500	25	2.6	150	No
3	5500	26	3.2	173	Yes
4	5500	26	3.1	194	Yes
5	5500	28	3.9	207	Yes
6	5500	27	3.5	227	Yes
7	5500	24	1.6	226	Yes
8	5500	28	4.1	220	Yes
9	5500	28	4.2	195	Yes
10	5500	25	2.7	210	Yes
11	5500	23	1.4	211	Yes
12	5500	28	4.4	203	Yes
13	5500	26	3.1	190	Yes
14	5500	29	4.7	160	Yes
15	5500	25	2.2	193	Yes
16	5500	27	3.5	181	Yes
17	5500	26	3	161	Yes
18	5500	28	4	204	Yes
19	5500	24	1.8	175	Yes
20	5500	25	2.7	209	Yes
21	5500	25	2.6	200	Yes
22	5500	23	1.5	152	No
23	5500	23	1	177	Yes
24	5500	29	5	222	Yes
25	5500	24	1.6	151	Yes
26	5500	23	1.4	216	Yes
27	5500	29	4.8	217	No
28	5500	27	3.6	198	Yes
29	5500	24	2	192	Yes
30	5500	26	2.8	196	Yes

Radar Type 3

Trial	VSG Frequency (MHz)	Number Pulses per Burst (16-18)	Pulse Width (6-10)	PRI (200-500)	Successful Detection
			(μ s)	(μ s)	(Yes/No)
1	5500	16	6.8	207	Yes
2	5500	17	7.6	294	Yes
3	5500	17	8.2	387	Yes
4	5500	17	8.1	493	Yes
5	5500	18	8.9	465	Yes
6	5500	17	8.5	398	Yes
7	5500	16	6.6	308	Yes
8	5500	18	9.1	255	No
9	5500	18	9.2	353	Yes
10	5500	17	7.7	337	Yes
11	5500	16	6.4	322	Yes
12	5500	18	9.4	396	Yes
13	5500	17	8.1	264	Yes
14	5500	18	9.7	412	Yes
15	5500	16	7.2	446	Yes
16	5500	17	8.5	300	Yes
17	5500	17	8	474	Yes
18	5500	18	9	499	Yes
19	5500	16	6.8	497	Yes
20	5500	17	7.7	256	Yes
21	5500	17	7.6	476	Yes
22	5500	16	6.5	208	No
23	5500	16	6	381	Yes
24	5500	18	10	334	Yes
25	5500	16	6.6	217	Yes
26	5500	16	6.4	344	Yes
27	5500	18	9.8	479	Yes
28	5500	17	8.6	341	Yes
29	5500	16	7	271	Yes
30	5500	17	7.8	206	Yes

Radar Type 4

Trial	VSG Frequency (MHz)	Number Pulses per Burst (12-16)	Pulse Width (11-20)	PRI (200-500)	Successful Detection
			(μ s)	(μ s)	(Yes/No)
1	5500	13	12.8	207	Yes
2	5500	13	14.5	294	No
3	5500	14	16	387	Yes
4	5500	14	15.8	493	Yes
5	5500	15	17.5	465	Yes
6	5500	15	16.6	398	Yes
7	5500	12	12.4	308	Yes
8	5500	15	18	255	Yes
9	5500	15	18.1	353	Yes
10	5500	14	14.8	337	No
11	5500	12	11.9	322	Yes
12	5500	16	18.6	396	Yes
13	5500	14	15.8	264	Yes
14	5500	16	19.2	412	Yes
15	5500	13	13.8	446	Yes
16	5500	15	16.7	300	Yes
17	5500	14	15.5	474	Yes
18	5500	15	17.8	499	Yes
19	5500	13	12.8	497	No
20	5500	14	14.8	256	Yes
21	5500	13	14.5	476	Yes
22	5500	12	12.1	208	No
23	5500	12	11	381	Yes
24	5500	16	19.9	334	Yes
25	5500	12	12.4	217	Yes
26	5500	12	12	344	No
27	5500	16	19.5	479	Yes
28	5500	15	16.8	341	No
29	5500	13	13.3	271	Yes
30	5500	14	15.1	206	Yes

Long Pulse Radar Test Waveforms

Radar Type 5_Trial 1

Trial Number:		1		VSG Frequency(MHz):		5500
Number of Bursts in Trial:		10		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	60.3	8			538543
2	2	69.5	8	1830.5		828299
3	2	77.7	8	1419.3		1118893
4	2	76.4	8	1591.6		211834
5	3	85.8	8	1869.2	1709.2	501332
6	2	81	8	1043		792758
7	1	58	8			1083979
8	3	88.9	8	939.1	1611.1	176037
9	3	89.1	8	1684.9	1707.9	465820
10	2	71.1	8	1358.9		756612

Radar Type 5_Trial 2

Trial Number:		2		VSG Frequency(MHz):		5500
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	55.2	11			806494
2	3	91.8	11	1489.2	1099.2	107844
3	2	76.7	11	1409.3		330945
4	3	95.3	11	1016.7	1753.7	553296
5	1	65.4	11			778762
6	2	81.7	11	1542.3		80412
7	2	75.2	11	1769.8		303483
8	3	87.5	11	1404.5	1049.5	526172
9	1	60.3	11			751174
10	2	71.4	11	1741.6		52925
11	2	69.8	11	1090.2		276131
12	1	56.1	11			500009
13	1	50.1	11			723735

Radar Type 5_Trial 3

Trial Number:			3	VSG Frequency(MHz):		5500
Number of Bursts in Trial:			15	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	99.5	13	1850.5	1039.5	22027
2	1	57.9	13			215887
3	1	55.7	13			409202
4	3	96.8	13	1656.2	1075.2	600997
5	2	82.3	13	1813.7		794417
6	1	63	13			191860
7	2	72.9	13	1744.1		384799
8	2	73.6	13	1095.4		578443
9	3	98.7	13	1215.3	1744.3	769416
10	1	54.7	13			168149
11	1	56.1	13			361951
12	3	98.9	13	1869.1	1819.1	552729
13	1	52.7	13			749349
14	2	68.1	13	1745.9		143814
15	2	77.8	13	1338.2		337066

Radar Type 5_Trial 4

Trial Number:			4	VSG Frequency(MHz):			5500
Number of Bursts in Trial:			14	Successful Detection:			No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval	
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)	
1	1	57.2	13			569325	
2	2	75.6	13	1575.4		775162	
3	2	81	13	1531		128658	
4	1	52.5	13			336636	
5	3	89.9	13	1277.1	1257.1	542392	
6	3	86.9	13	1187.1	1805.1	749101	
7	1	52	13			103445	
8	1	62	13			310922	
9	3	90.2	13	1883.8	1803.8	516399	
10	2	69.2	13	1860.8		724362	
11	2	79	13	1173		77733	
12	3	100	13	1251	1114	284388	
13	1	55.8	13			492830	
14	2	80.6	13	951.4		699190	

Radar Type 5_Trial 5

Trial Number:			5	VSG Frequency(MHz):			5500
Number of Bursts in Trial:			17	Successful Detection:			Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval	
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)	
1	3	85.7	16	1314.3	1193.3	42889	
2	1	61.6	16			213927	
3	1	51.1	16			384581	
4	1	54.1	16			555549	
5	2	69.4	16	1043.6		21967	
6	2	78.2	16	1725.8		192453	
7	2	68.4	16	1914.6		362610	
8	2	80	16	1229		533883	
9	3	84.3	16	979.7	1616.7	952	
10	2	75.7	16	1470.3		171434	
11	2	75.9	16	981.1		341872	
12	1	66.2	16			513554	
13	3	97.5	16	1455.5	914.5	681380	
14	1	56.6	16			150837	
15	3	87.1	16	1445.9	1500.9	320207	
16	2	70.5	16	1115.5		491765	
17	3	96.4	16	1473.6	1669.6	660569	

Radar Type 5_Trial 6

Trial Number:		6		VSG Frequency(MHz):		5500
Number of Bursts in Trial:		16		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	62.7	14			137777
2	1	63.6	14			319266
3	3	97.4	14	1565.6	1777.6	498425
4	2	80.2	14	1083.8		681125
5	3	84.7	14	1073.3	1835.3	114946
6	3	90.4	14	1061.6	1319.6	296092
7	2	67.2	14	1074.8		477719
8	1	66.3	14			660122
9	1	63.2	14			93092
10	3	97.4	14	1100.6	1374.6	273677
11	3	96	14	931	1801	454414
12	1	65.6	14			637544
13	2	77.5	14	970.5		70640
14	1	53.2	14			252200
15	1	63	14			434077
16	2	67	14	1854		613796

Radar Type 5_Trial 7

Trial Number:			7	VSG Frequency(MHz):			5500
Number of Bursts in Trial:			10	Successful Detection:			Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval	
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)	
1	3	93.1	7	1042.9	1307.9	77308	
2	1	62.9	7			368047	
3	3	93.2	7	1510.8	1762.8	657047	
4	1	55	7			949670	
5	3	94.7	7	1539.3	1405.3	41570	
6	2	83.3	7	1870.7		331911	
7	3	89.9	7	1215.1	1290.1	621584	
8	1	59.4	7			913757	
9	2	77.2	7	1589.8		5860	
10	3	91.4	7	1671.6	1355.6	295755	

Radar Type 5_Trial 8

Trial Number:		8		VSG Frequency(MHz):		5500
Number of Bursts in Trial:		18		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	55.3	17			325819
2	2	76.7	17	1344.3		486546
3	2	73.7	17	1159.3		646985
4	3	89.5	17	1437.5	1600.5	144101
5	3	95.5	17	1021.5	1000.5	304844
6	2	75	17	1354		466269
7	2	69.7	17	1678.3		627013
8	2	72.8	17	1149.2		124567
9	1	66.3	17			286174
10	3	86.4	17	1349.6	1285.6	445610
11	1	58.4	17			608571
12	1	50.3	17			104936
13	1	51	17			266211
14	2	71.2	17	1060.8		426863
15	3	83.9	17	1809.1	1265.1	585966
16	3	87.9	17	1795.1	1473.1	84661
17	1	56.2	17			246288
18	2	80.9	17	1444.1		406728

Radar Type 5_Trial 9

Trial Number:			9	VSG Frequency(MHz):			5500
Number of Bursts in Trial:			18	Successful Detection:			Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval	
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)	
1	2	72.5	17	1638.5		567587	
2	1	64.4	17			65243	
3	1	56.7	17			226653	
4	2	72.4	17	1211.6		386854	
5	1	62.8	17			549277	
6	3	99.2	17	1255.8	979.8	45204	
7	1	54.4	17			206739	
8	3	93.7	17	1153.3	1131.3	366489	
9	3	93.9	17	1786.1	1903.1	526010	
10	1	65.4	17			25477	
11	1	51.7	17			186792	
12	2	79.4	17	1146.6		347747	
13	2	73.7	17	1183.3		508768	
14	3	88	17	1033	1507	5585	
15	1	53	17			166965	
16	3	93.4	17	1754.6	909.6	326849	
17	3	85.1	17	1255.9	1436.9	487576	
18	3	90.5	17	1820.5	1148.5	647431	

Radar Type 5_Trial 10

Trial Number:		10		VSG Frequency(MHz):		5500
Number of Bursts in Trial:		13		Successful Detection:		No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	92.6	11	1765.4	1163.4	203047
2	2	73.8	11	1127.2		426564
3	1	51.8	11			650424
4	2	70.9	11	1603.1		872337
5	3	95.9	11	1116.1	1651.1	175564
6	1	54.6	11			399735
7	3	87	11	985	1545	621241
8	2	76.6	11	1475.4		845725
9	1	58.5	11			148608
10	3	92.7	11	1870.3	1171.3	370846
11	1	61.9	11			595965
12	2	72	11	1401		817779
13	2	71.1	11	1483.9		121000

Radar Type 5_Trial 11

Trial Number:		11		VSG Frequency(MHz):		5502.4
Number of Bursts in Trial:		9		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	56.7	6			497985
2	2	77.1	6	1406.9		820077
3	1	59	6			1144207
4	3	86.9	6	1452.1	1736.1	135001
5	1	62.8	6			458152
6	3	84.6	6	1082.4	1682.4	779607
7	2	82.9	6	1021.1		1103250
8	1	63.9	6			95517
9	2	74.6	6	1017.4		418110

Radar Type 5_Trial 12

Trial Number:		12		VSG Frequency(MHz):		5507.2
Number of Bursts in Trial:		18		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	85.1	18	1253.9	1479.9	368765
2	1	51.8	18			531770
3	2	81.2	18	1326.8		27767
4	1	54.2	18			189105
5	2	71.1	18	1156.9		349766
6	3	86.9	18	1845.1	1544.1	509100
7	1	62.6	18			7956
8	2	70.5	18	1708.5		168958
9	3	97.4	18	1407.6	1523.6	328985
10	1	57.6	18			491831
11	3	86.2	18	1463.8	1223.8	650183
12	3	93.5	18	913.5	1297.5	148972
13	3	95.3	18	1628.7	1149.7	309510
14	2	82.4	18	1821.6		470738
15	2	79	18	1596		631978
16	1	51.5	18			129602
17	2	68.5	18	1510.5		290167
18	1	52.1	18			452204

Radar Type 5_Trial 13

Trial Number:		13		VSG Frequency(MHz):		5505.2
Number of Bursts in Trial:		14		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	85.5	13	1289.5	1182.5	786957
2	3	86.2	13	1694.8	1499.8	140536
3	3	90.6	13	1729.4	1682.4	347250
4	1	61.7	13			556343
5	2	81.8	13	1305.2		762767
6	2	71.9	13	975.1		115418
7	3	94.3	13	1061.7	1031.7	322215
8	3	95	13	1199	907	529176
9	1	52.2	13			738231
10	1	64.7	13			89983
11	1	51	13			297476
12	3	90.2	13	1280.8	980.8	503460
13	1	58.8	13			712290
14	1	52.2	13			64373

Radar Type 5_Trial 14

Trial Number:			14	VSG Frequency(MHz):		5507.6
Number of Bursts in Trial:			19	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	76.6	19	1788.4		199563
2	2	68	19	1503		352112
3	3	88.8	19	1295.2	1178.2	503930
4	1	50	19			28613
5	3	89.8	19	1315.2	1718.2	180411
6	3	91.6	19	1443.4	1264.4	332647
7	3	83.5	19	1070.5	1907.5	484651
8	1	50	19			9764
9	1	64	19			162593
10	3	88.1	19	1164.9	1115.9	314251
11	3	95.4	19	1559.6	1715.6	465523
12	1	54.2	19			620657
13	3	85.8	19	1598.2	1754.2	143067
14	2	77.7	19	1334.3		296121
15	1	61.4	19			449337
16	3	94.7	19	1104.3	1685.3	599518
17	2	80	19	1576		124639
18	3	85.4	19	1360.6	1174.6	276456
19	3	94.3	19	1736.7	1346.7	428543

Radar Type 5_Trial 15

Trial Number:		15		VSG Frequency(MHz):		5503.6
Number of Bursts in Trial:		12		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	82.4	9	1295.6		923549
2	3	97.4	9	1695.6	1174.6	167590
3	2	77.7	9	1626.3		409776
4	3	84	9	1323	1065	650874
5	2	73.4	9	1305.6		893302
6	2	70	9	1873		138088
7	1	59.3	9			380600
8	1	60	9			622900
9	2	76.2	9	1468.8		863489
10	3	84.7	9	1698.3	1118.3	108158
11	3	98	9	907	1485	349615
12	2	69.4	9	1124.6		591916

Radar Type 5_Trial 16

Trial Number:		16		VSG Frequency(MHz):		5506
Number of Bursts in Trial:		16		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57.1	15			625859
2	3	98.9	15	1662.1	1562.1	58668
3	3	84	15	1364	937	239835
4	2	66.9	15	1563.1		421044
5	2	77.3	15	1045.7		603045
6	3	93.7	15	1736.3	1418.3	36469
7	2	78.9	15	1698.1		217690
8	1	61.8	15			399498
9	2	77	15	1436		580247
10	2	68.6	15	1747.4		14212
11	3	85.5	15	1609.5	1442.5	194834
12	2	72.2	15	1251.8		376784
13	1	52.4	15			558534
14	1	66.3	15			740350
15	2	77.5	15	1025.5		173232
16	3	86.1	15	1705.9	1272.9	353562

Radar Type 5_Trial 17

Trial Number:		17		VSG Frequency(MHz):		5505.2
Number of Bursts in Trial:		14		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	66.6	13			613143
2	3	83.5	13	1347.5	1728.5	817452
3	1	57.5	13			172616
4	3	84.7	13	1193.3	1164.3	379303
5	1	65.7	13			587468
6	3	95.9	13	1094.1	1070.1	793142
7	2	76.4	13	1666.6		146878
8	1	54.8	13			354776
9	3	98.9	13	1164.1	1890.1	559894
10	3	84.1	13	1155.9	1490.9	766733
11	1	65.3	13			121614
12	2	80	13	966		328497
13	2	80.4	13	1063.6		535626
14	2	81.6	13	1376.4		742641

Radar Type 5_Trial 18

Trial Number:		18		VSG Frequency(MHz):		5506.4
Number of Bursts in Trial:		17		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57.3	16			78985
2	1	65.4	16			249930
3	1	66	16			420478
4	2	68.7	16	1224.3		590201
5	3	88.2	16	1508.8	922.8	57770
6	1	55.4	16			228721
7	1	51.8	16			399563
8	1	60.8	16			570677
9	3	84.2	16	1410.8	1429.8	36799
10	1	51	16			207708
11	1	51.1	16			378849
12	2	73.5	16	1767.5		547642
13	2	67.3	16	1637.7		15861
14	1	63.8	16			186727
15	1	61.9	16			357464
16	1	55.5	16			528536
17	2	81.5	16	1097.5		698215

Radar Type 5_Trial 19

Trial Number:		19		VSG Frequency(MHz):		5503.2
Number of Bursts in Trial:		10		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57	8			282015
2	3	92.6	8	1172.4	1362.4	571527
3	2	73.2	8	1026.8		862775
4	3	93.5	8	1195.5	1626.5	1151333
5	3	92.7	8	1643.3	1594.3	245413
6	2	77.1	8	1344.9		535975
7	1	63.2	8			827530
8	1	53.6	8			1118562
9	1	61.2	8			210236
10	2	72.4	8	1265.6		500259

Radar Type 5_Trial 20

Trial Number:		20		VSG Frequency(MHz):		5504.4
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	79.1	11	1528.9		607823
2	2	68	11	1097		830939
3	3	93.3	11	1194.7	1586.7	133703
4	2	78.3	11	1748.7		357014
5	3	98.9	11	1547.1	1901.1	578602
6	2	81.4	11	1342.6		803148
7	3	95.4	11	927.6	1736.6	106332
8	1	61.2	11			330202
9	2	70.1	11	1438.9		552614
10	1	56.1	11			777117
11	3	83.8	11	960.2	1507.2	78918
12	2	78.1	11	1848.9		302142
13	2	72	11	1096		525336

Radar Type 5_Trial 21

Trial Number:		21		VSG Frequency(MHz):		5495.6
Number of Bursts in Trial:		13		Successful Detection:		No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	84.3	11	1260.7	1217.7	747422
2	1	55.7	11			51603
3	3	99.3	11	1881.7	978.7	274322
4	1	56.5	11			498535
5	3	83.6	11	1662.4	1157.4	719442
6	3	92.3	11	1120.7	1396.7	23989
7	2	78.6	11	1540.4		247219
8	1	62.6	11			471050
9	3	93	11	1444	1596	692109
10	3	93.4	11	1846.6	1878.6	914389
11	1	52.5	11			220150
12	1	58.3	11			443625
13	3	87.5	11	1158.5	1892.5	664565

Radar Type 5_Trial 22

Trial Number:		22		VSG Frequency(MHz):		5497.6
Number of Bursts in Trial:		9		Successful Detection:		No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57.2	6			1286779
2	3	88.1	6	1675.9	1081.9	277551
3	1	64.7	6			601369
4	3	88.3	6	1072.7	1603.7	922524
5	1	52.8	6			1247270
6	1	65	6			238429
7	2	76.9	6	1784.1		560723
8	2	83.1	6	1521.9		883506
9	2	72.7	6	1894.3		1205655

Radar Type 5_Trial 23

Trial Number:		23		VSG Frequency(MHz):		5498
Number of Bursts in Trial:		8		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	92.8	5	1087.2	1741.2	223099
2	3	91	5	1498	985	586014
3	2	72.7	5	1608.3		949446
4	1	52.2	5			1313681
5	3	92.1	5	1859.9	945.9	178359
6	2	71.9	5	1651.1		541575
7	1	52.5	5			905877
8	3	91.8	5	1493.2	933.2	1266631

Radar Type 5_Trial 24

Trial Number:		24		VSG Frequency(MHz):		5492
Number of Bursts in Trial:		20		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	99.4	20	936.6	1059.6	53272
2	3	97.7	20	1730.3	1724.3	197486
3	2	78.9	20	1256.1		343109
4	2	70.5	20	1557.5		488023
5	3	89	20	1588	1306	35472
6	3	87.7	20	1065.3	1060.3	180037
7	3	93.4	20	1196.6	928.6	324626
8	2	70.5	20	1369.5		470208
9	2	79.7	20	1182.3		17714
10	1	61.4	20			162822
11	2	82.7	20	1315.3		307487
12	1	59.7	20			453480
13	3	86.2	20	1060.8	1849.8	595311
14	2	74.7	20	1261.3		144664
15	3	90.7	20	1542.3	1733.3	288611
16	2	70	20	1189		434299
17	1	61.3	20			580783
18	2	74.2	20	985.8		127005
19	1	57.2	20			272382
20	3	96.6	20	1457.4	1185.4	415803

Radar Type 5_Trial 25

Trial Number:		25		VSG Frequency(MHz):		5497.2
Number of Bursts in Trial:		10		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	81.8	7	1636.2		1125033
2	1	53.3	7			218776
3	2	68.7	7	1427.3		508915
4	1	51.1	7			799943
5	3	89	7	1111	1426	1087997
6	1	61.5	7			182965
7	1	62.9	7			473603
8	1	58.3	7			764302
9	3	83.9	7	1782.1	1701.1	1051452
10	2	81.4	7	1307.6		146972

Radar Type 5_Trial 26

Trial Number:		26		VSG Frequency(MHz):		5497.6
Number of Bursts in Trial:		9		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	50.1	6			486680
2	1	56.6	6			809523
3	1	60.1	6			1132714
4	1	51.1	6			123763
5	3	94	6	1483	1296	445662
6	1	54.8	6			770020
7	2	79.4	6	1138.6		1091763
8	2	67	6	1652		83893
9	2	68.2	6	994.8		406603

Radar Type 5_Trial 27

Trial Number:		27		VSG Frequency(MHz):		5492.4
Number of Bursts in Trial:		20		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	50.4	19			328148
2	2	71.4	19	1262.6		471887
3	2	67.8	19	1898.2		19791
4	2	73.2	19	1101.8		164828
5	1	53.6	19			310377
6	3	94.3	19	1759.7	1126.7	452609
7	2	73.4	19	1864.6		1976
8	3	86.5	19	1728.5	1298.5	146346
9	2	68.1	19	1629.9		291562
10	1	50.2	19			437167
11	1	52.6	19			582705
12	3	90.9	19	1794.1	1755.1	128542
13	2	67.8	19	1087.2		273980
14	1	64.6	19			419269
15	1	56	19			564253
16	1	60	19			111356
17	3	96.1	19	1081.9	1842.9	255090
18	2	79	19	1739		400330
19	2	77.7	19	1538.3		545725
20	2	81.5	19	1279.5		93284

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Radar Type 5_Trial 28

Trial Number:		28		VSG Frequency(MHz):		5494
Number of Bursts in Trial:		16		Successful Detection:		No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	77.4	15	1452.6		297835
2	2	74.7	15	1512.3		478727
3	3	85	15	1017	1324	659587
4	3	86.7	15	1340.3	1755.3	94098
5	3	98.3	15	1358.7	978.7	275186
6	1	61.2	15			457719
7	2	76	15	1859		637709
8	3	99.6	15	1484.4	1266.4	71965
9	3	85	15	1392	1753	252763
10	2	80.7	15	1151.3		434307
11	3	85.8	15	954.2	1190.2	614725
12	3	90.6	15	954.4	1653.4	49657
13	3	94.4	15	1354.6	1670.6	230510
14	1	56	15			412734
15	1	56.8	15			594572
16	2	75.2	15	1270.8		27447

Radar Type 5_Trial 29

Trial Number:		29		VSG Frequency(MHz):		5496.4
Number of Bursts in Trial:		11		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	64	9			304285
2	2	80.2	9	1390.8		567815
3	1	65.1	9			832279
4	1	56.9	9			7467
5	1	65.6	9			271677
6	2	75	9	1381		535128
7	3	94.9	9	1357.1	964.1	798432
8	1	58	9			1064572
9	2	81.2	9	1723.8		238648
10	3	90.5	9	1363.5	1285.5	502084
11	2	82.4	9	1400.6		766515

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Radar Type 5_Trial 30

Trial Number:		30		VSG Frequency(MHz):		5495.2
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	92.1	12	1619.9	1656.9	869159
2	1	54.1	12			174833
3	3	91.2	12	1085.8	1256.8	397236
4	3	98	12	1584	1867	619250
5	2	75.9	12	1151.1		843845
6	1	51.7	12			147199
7	3	85.5	12	1517.5	1640.5	369401
8	3	90.8	12	1207.2	1025.2	592633
9	2	75.7	12	1663.3		816162
10	3	86.4	12	1301.6	1591.6	119320
11	2	81.1	12	1036.9		342935
12	2	74.9	12	1726.1		565891
13	3	92.5	12	988.5	1580.5	788224

Frequency Hopping Radar Test Waveforms

Radar Type 6

Trial	Pulse Width	PRI	Pulses per Hop	Hopping Rate	Hopping Sequence Length	Successful Detection
	(μ sec)	(μ sec)		(kHz)	(msec)	(Yes/No)
1	1	333	9	0.333	300	Yes
2	1	333	9	0.333	300	Yes
3	1	333	9	0.333	300	Yes
4	1	333	9	0.333	300	Yes
5	1	333	9	0.333	300	Yes
6	1	333	9	0.333	300	Yes
7	1	333	9	0.333	300	Yes
8	1	333	9	0.333	300	No
9	1	333	9	0.333	300	Yes
10	1	333	9	0.333	300	Yes
11	1	333	9	0.333	300	No
12	1	333	9	0.333	300	Yes
13	1	333	9	0.333	300	Yes
14	1	333	9	0.333	300	Yes
15	1	333	9	0.333	300	Yes
16	1	333	9	0.333	300	Yes
17	1	333	9	0.333	300	No
18	1	333	9	0.333	300	Yes
19	1	333	9	0.333	300	Yes
20	1	333	9	0.333	300	No
21	1	333	9	0.333	300	Yes
22	1	333	9	0.333	300	Yes
23	1	333	9	0.333	300	Yes
24	1	333	9	0.333	300	Yes
25	1	333	9	0.333	300	Yes
26	1	333	9	0.333	300	Yes
27	1	333	9	0.333	300	Yes
28	1	333	9	0.333	300	Yes
29	1	333	9	0.333	300	Yes
30	1	333	9	0.333	300	Yes

< Channel Bandwidth 40MHz / 5510MHz >

Short Pulse Radar Test Waveforms

Radar Type 1

Trial	VSG Frequency (MHz)	Pulse Repetition Frequency	Pulse Repetition Frequency	PRI	Test A/B	Successful Detection
		Number (1 to 23)	(Pulses Per Second)	(msec)	A/B	(Yes/No)
1	5510	12	1355	738	A	Yes
2	5510	15	1253.1	798	A	Yes
3	5510	14	1285.3	778	A	Yes
4	5510	23	326.2	3066	A	Yes
5	5510	2	1858.7	538	A	Yes
6	5510	6	1618.1	618	A	Yes
7	5510	11	1392.8	718	A	Yes
8	5510	20	1113.6	898	A	Yes
9	5510	1	1930.5	518	A	Yes
10	5510	10	1432.7	698	A	Yes
11	5510	13	1319.3	758	A	Yes
12	5510	7	1567.4	638	A	Yes
13	5510	3	1792.1	558	A	Yes
14	5510	5	1672.2	598	A	Yes
15	5510	22	1066.1	938	A	Yes
16	5510	-	934.6	1070	B	Yes
17	5510	-	709.2	1410	B	Yes
18	5510	-	348.3	2871	B	Yes
19	5510	-	380.1	2631	B	Yes
20	5510	-	513.6	1947	B	Yes
21	5510	-	631.7	1583	B	Yes
22	5510	10	1432.7	698	B	Yes
23	5510	-	464	2155	B	Yes
24	5510	-	327.1	3057	B	Yes
25	5510	-	1697.8	589	B	Yes
26	5510	-	659.2	1517	B	Yes
27	5510	-	419.6	2383	B	Yes
28	5510	-	568.8	1758	B	Yes
29	5510	-	512	1953	B	Yes
30	5510	-	1477.1	677	B	Yes

Radar Type 2

Trial	VSG Frequency (MHz)	Number Pulses per Burst (23-29)	Pulse Width (1-5)	PRI (150-230)	Successful Detection
			(μ s)	(μ s)	(Yes/No)
1	5510	24	1.8	179	Yes
2	5510	25	2.6	150	Yes
3	5510	26	3.2	173	Yes
4	5510	26	3.1	194	Yes
5	5510	28	3.9	207	Yes
6	5510	27	3.5	227	Yes
7	5510	24	1.6	226	Yes
8	5510	28	4.1	220	Yes
9	5510	28	4.2	195	Yes
10	5510	25	2.7	210	Yes
11	5510	23	1.4	211	Yes
12	5510	28	4.4	203	Yes
13	5510	26	3.1	190	Yes
14	5510	29	4.7	160	Yes
15	5510	25	2.2	193	Yes
16	5510	27	3.5	181	Yes
17	5510	26	3	161	Yes
18	5510	28	4	204	Yes
19	5510	24	1.8	175	Yes
20	5510	25	2.7	209	Yes
21	5510	25	2.6	200	No
22	5510	23	1.5	152	No
23	5510	23	1	177	No
24	5510	29	5	222	Yes
25	5510	24	1.6	151	Yes
26	5510	23	1.4	216	Yes
27	5510	29	4.8	217	Yes
28	5510	27	3.6	198	Yes
29	5510	24	2	192	No
30	5510	26	2.8	196	Yes

Radar Type 3

Trial	VSG Frequency (MHz)	Number Pulses per Burst (16-18)	Pulse Width (6-10)	PRI (200-500)	Successful Detection
			(μ s)	(μ s)	(Yes/No)
1	5510	16	6.8	207	No
2	5510	17	7.6	294	No
3	5510	17	8.2	387	Yes
4	5510	17	8.1	493	Yes
5	5510	18	8.9	465	Yes
6	5510	17	8.5	398	Yes
7	5510	16	6.6	308	Yes
8	5510	18	9.1	255	Yes
9	5510	18	9.2	353	Yes
10	5510	17	7.7	337	Yes
11	5510	16	6.4	322	Yes
12	5510	18	9.4	396	Yes
13	5510	17	8.1	264	Yes
14	5510	18	9.7	412	Yes
15	5510	16	7.2	446	Yes
16	5510	17	8.5	300	Yes
17	5510	17	8	474	Yes
18	5510	18	9	499	Yes
19	5510	16	6.8	497	Yes
20	5510	17	7.7	256	Yes
21	5510	17	7.6	476	Yes
22	5510	16	6.5	208	Yes
23	5510	16	6	381	Yes
24	5510	18	10	334	Yes
25	5510	16	6.6	217	Yes
26	5510	16	6.4	344	Yes
27	5510	18	9.8	479	Yes
28	5510	17	8.6	341	Yes
29	5510	16	7	271	Yes
30	5510	17	7.8	206	No

Radar Type 4

Trial	VSG Frequency (MHz)	Number Pulses per Burst (12-16)	Pulse Width (11-20)	PRI (200-500)	Successful Detection
			(μ s)	(μ s)	(Yes/No)
1	5510	13	12.8	207	Yes
2	5510	13	14.5	294	Yes
3	5510	14	16	387	Yes
4	5510	14	15.8	493	Yes
5	5510	15	17.5	465	Yes
6	5510	15	16.6	398	Yes
7	5510	12	12.4	308	Yes
8	5510	15	18	255	Yes
9	5510	15	18.1	353	No
10	5510	14	14.8	337	No
11	5510	12	11.9	322	Yes
12	5510	16	18.6	396	Yes
13	5510	14	15.8	264	Yes
14	5510	16	19.2	412	No
15	5510	13	13.8	446	Yes
16	5510	15	16.7	300	No
17	5510	14	15.5	474	Yes
18	5510	15	17.8	499	No
19	5510	13	12.8	497	No
20	5510	14	14.8	256	Yes
21	5510	13	14.5	476	Yes
22	5510	12	12.1	208	No
23	5510	12	11	381	Yes
24	5510	16	19.9	334	Yes
25	5510	12	12.4	217	Yes
26	5510	12	12	344	No
27	5510	16	19.5	479	Yes
28	5510	15	16.8	341	No
29	5510	13	13.3	271	Yes
30	5510	14	15.1	206	Yes

Long Pulse Radar Test Waveforms

Radar Type 5_Trial 1

Trial Number:		1		VSG Frequency(MHz):		5510
Number of Bursts in Trial:		10		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	60.3	8			538543
2	2	69.5	8	1830.5		828299
3	2	77.7	8	1419.3		1118893
4	2	76.4	8	1591.6		211834
5	3	85.8	8	1869.2	1709.2	501332
6	2	81	8	1043		792758
7	1	58	8			1083979
8	3	88.9	8	939.1	1611.1	176037
9	3	89.1	8	1684.9	1707.9	465820
10	2	71.1	8	1358.9		756612

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Radar Type 5_Trial 2

Trial Number:		2		VSG Frequency(MHz):		5510
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	55.2	11			806494
2	3	91.8	11	1489.2	1099.2	107844
3	2	76.7	11	1409.3		330945
4	3	95.3	11	1016.7	1753.7	553296
5	1	65.4	11			778762
6	2	81.7	11	1542.3		80412
7	2	75.2	11	1769.8		303483
8	3	87.5	11	1404.5	1049.5	526172
9	1	60.3	11			751174
10	2	71.4	11	1741.6		52925
11	2	69.8	11	1090.2		276131
12	1	56.1	11			500009
13	1	50.1	11			723735

Radar Type 5_Trial 3

Trial Number:			3	VSG Frequency(MHz):			5510
Number of Bursts in Trial:			15	Successful Detection:			Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval	
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)	
1	3	99.5	13	1850.5	1039.5	22027	
2	1	57.9	13			215887	
3	1	55.7	13			409202	
4	3	96.8	13	1656.2	1075.2	600997	
5	2	82.3	13	1813.7		794417	
6	1	63	13			191860	
7	2	72.9	13	1744.1		384799	
8	2	73.6	13	1095.4		578443	
9	3	98.7	13	1215.3	1744.3	769416	
10	1	54.7	13			168149	
11	1	56.1	13			361951	
12	3	98.9	13	1869.1	1819.1	552729	
13	1	52.7	13			749349	
14	2	68.1	13	1745.9		143814	
15	2	77.8	13	1338.2		337066	

Radar Type 5_Trial 4

Trial Number:			4	VSG Frequency(MHz):		5510
Number of Bursts in Trial:			14	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57.2	13			569325
2	2	75.6	13	1575.4		775162
3	2	81	13	1531		128658
4	1	52.5	13			336636
5	3	89.9	13	1277.1	1257.1	542392
6	3	86.9	13	1187.1	1805.1	749101
7	1	52	13			103445
8	1	62	13			310922
9	3	90.2	13	1883.8	1803.8	516399
10	2	69.2	13	1860.8		724362
11	2	79	13	1173		77733
12	3	100	13	1251	1114	284388
13	1	55.8	13			492830
14	2	80.6	13	951.4		699190

Radar Type 5_Trial 5

Trial Number:			5	VSG Frequency(MHz):			5510
Number of Bursts in Trial:			17	Successful Detection:			Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval	
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)	
1	3	85.7	16	1314.3	1193.3	42889	
2	1	61.6	16			213927	
3	1	51.1	16			384581	
4	1	54.1	16			555549	
5	2	69.4	16	1043.6		21967	
6	2	78.2	16	1725.8		192453	
7	2	68.4	16	1914.6		362610	
8	2	80	16	1229		533883	
9	3	84.3	16	979.7	1616.7	952	
10	2	75.7	16	1470.3		171434	
11	2	75.9	16	981.1		341872	
12	1	66.2	16			513554	
13	3	97.5	16	1455.5	914.5	681380	
14	1	56.6	16			150837	
15	3	87.1	16	1445.9	1500.9	320207	
16	2	70.5	16	1115.5		491765	
17	3	96.4	16	1473.6	1669.6	660569	

Radar Type 5_Trial 6

Trial Number:		6		VSG Frequency(MHz):		5510
Number of Bursts in Trial:		16		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	62.7	14			137777
2	1	63.6	14			319266
3	3	97.4	14	1565.6	1777.6	498425
4	2	80.2	14	1083.8		681125
5	3	84.7	14	1073.3	1835.3	114946
6	3	90.4	14	1061.6	1319.6	296092
7	2	67.2	14	1074.8		477719
8	1	66.3	14			660122
9	1	63.2	14			93092
10	3	97.4	14	1100.6	1374.6	273677
11	3	96	14	931	1801	454414
12	1	65.6	14			637544
13	2	77.5	14	970.5		70640
14	1	53.2	14			252200
15	1	63	14			434077
16	2	67	14	1854		613796

Radar Type 5_Trial 7

Trial Number:			7	VSG Frequency(MHz):			5510
Number of Bursts in Trial:			10	Successful Detection:			No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval	
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)	
1	3	93.1	7	1042.9	1307.9	77308	
2	1	62.9	7			368047	
3	3	93.2	7	1510.8	1762.8	657047	
4	1	55	7			949670	
5	3	94.7	7	1539.3	1405.3	41570	
6	2	83.3	7	1870.7		331911	
7	3	89.9	7	1215.1	1290.1	621584	
8	1	59.4	7			913757	
9	2	77.2	7	1589.8		5860	
10	3	91.4	7	1671.6	1355.6	295755	

Radar Type 5_Trial 8

Trial Number:		8		VSG Frequency(MHz):		5510
Number of Bursts in Trial:		18		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	55.3	17			325819
2	2	76.7	17	1344.3		486546
3	2	73.7	17	1159.3		646985
4	3	89.5	17	1437.5	1600.5	144101
5	3	95.5	17	1021.5	1000.5	304844
6	2	75	17	1354		466269
7	2	69.7	17	1678.3		627013
8	2	72.8	17	1149.2		124567
9	1	66.3	17			286174
10	3	86.4	17	1349.6	1285.6	445610
11	1	58.4	17			608571
12	1	50.3	17			104936
13	1	51	17			266211
14	2	71.2	17	1060.8		426863
15	3	83.9	17	1809.1	1265.1	585966
16	3	87.9	17	1795.1	1473.1	84661
17	1	56.2	17			246288
18	2	80.9	17	1444.1		406728

Radar Type 5_Trial 9

Trial Number:			9	VSG Frequency(MHz):			5510
Number of Bursts in Trial:			18	Successful Detection:			Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval	
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)	
1	2	72.5	17	1638.5		567587	
2	1	64.4	17			65243	
3	1	56.7	17			226653	
4	2	72.4	17	1211.6		386854	
5	1	62.8	17			549277	
6	3	99.2	17	1255.8	979.8	45204	
7	1	54.4	17			206739	
8	3	93.7	17	1153.3	1131.3	366489	
9	3	93.9	17	1786.1	1903.1	526010	
10	1	65.4	17			25477	
11	1	51.7	17			186792	
12	2	79.4	17	1146.6		347747	
13	2	73.7	17	1183.3		508768	
14	3	88	17	1033	1507	5585	
15	1	53	17			166965	
16	3	93.4	17	1754.6	909.6	326849	
17	3	85.1	17	1255.9	1436.9	487576	
18	3	90.5	17	1820.5	1148.5	647431	

Radar Type 5_Trial 10

Trial Number:		10		VSG Frequency(MHz):		5510
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	92.6	11	1765.4	1163.4	203047
2	2	73.8	11	1127.2		426564
3	1	51.8	11			650424
4	2	70.9	11	1603.1		872337
5	3	95.9	11	1116.1	1651.1	175564
6	1	54.6	11			399735
7	3	87	11	985	1545	621241
8	2	76.6	11	1475.4		845725
9	1	58.5	11			148608
10	3	92.7	11	1870.3	1171.3	370846
11	1	61.9	11			595965
12	2	72	11	1401		817779
13	2	71.1	11	1483.9		121000

Radar Type 5_Trial 11

Trial Number:		11		VSG Frequency(MHz):		5512.4
Number of Bursts in Trial:		9		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	56.7	6			497985
2	2	77.1	6	1406.9		820077
3	1	59	6			1144207
4	3	86.9	6	1452.1	1736.1	135001
5	1	62.8	6			458152
6	3	84.6	6	1082.4	1682.4	779607
7	2	82.9	6	1021.1		1103250
8	1	63.9	6			95517
9	2	74.6	6	1017.4		418110

Radar Type 5_Trial 12

Trial Number:		12		VSG Frequency(MHz):		5517.2
Number of Bursts in Trial:		18		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	85.1	18	1253.9	1479.9	368765
2	1	51.8	18			531770
3	2	81.2	18	1326.8		27767
4	1	54.2	18			189105
5	2	71.1	18	1156.9		349766
6	3	86.9	18	1845.1	1544.1	509100
7	1	62.6	18			7956
8	2	70.5	18	1708.5		168958
9	3	97.4	18	1407.6	1523.6	328985
10	1	57.6	18			491831
11	3	86.2	18	1463.8	1223.8	650183
12	3	93.5	18	913.5	1297.5	148972
13	3	95.3	18	1628.7	1149.7	309510
14	2	82.4	18	1821.6		470738
15	2	79	18	1596		631978
16	1	51.5	18			129602
17	2	68.5	18	1510.5		290167
18	1	52.1	18			452204

Radar Type 5_Trial 13

Trial Number:		13		VSG Frequency(MHz):		5515.2
Number of Bursts in Trial:		14		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	85.5	13	1289.5	1182.5	786957
2	3	86.2	13	1694.8	1499.8	140536
3	3	90.6	13	1729.4	1682.4	347250
4	1	61.7	13			556343
5	2	81.8	13	1305.2		762767
6	2	71.9	13	975.1		115418
7	3	94.3	13	1061.7	1031.7	322215
8	3	95	13	1199	907	529176
9	1	52.2	13			738231
10	1	64.7	13			89983
11	1	51	13			297476
12	3	90.2	13	1280.8	980.8	503460
13	1	58.8	13			712290
14	1	52.2	13			64373

Radar Type 5_Trial 14

Trial Number:			14	VSG Frequency(MHz):		5517.6
Number of Bursts in Trial:			19	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	76.6	19	1788.4		199563
2	2	68	19	1503		352112
3	3	88.8	19	1295.2	1178.2	503930
4	1	50	19			28613
5	3	89.8	19	1315.2	1718.2	180411
6	3	91.6	19	1443.4	1264.4	332647
7	3	83.5	19	1070.5	1907.5	484651
8	1	50	19			9764
9	1	64	19			162593
10	3	88.1	19	1164.9	1115.9	314251
11	3	95.4	19	1559.6	1715.6	465523
12	1	54.2	19			620657
13	3	85.8	19	1598.2	1754.2	143067
14	2	77.7	19	1334.3		296121
15	1	61.4	19			449337
16	3	94.7	19	1104.3	1685.3	599518
17	2	80	19	1576		124639
18	3	85.4	19	1360.6	1174.6	276456
19	3	94.3	19	1736.7	1346.7	428543

Radar Type 5_Trial 15

Trial Number:		15		VSG Frequency(MHz):		5513.6
Number of Bursts in Trial:		12		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	82.4	9	1295.6		923549
2	3	97.4	9	1695.6	1174.6	167590
3	2	77.7	9	1626.3		409776
4	3	84	9	1323	1065	650874
5	2	73.4	9	1305.6		893302
6	2	70	9	1873		138088
7	1	59.3	9			380600
8	1	60	9			622900
9	2	76.2	9	1468.8		863489
10	3	84.7	9	1698.3	1118.3	108158
11	3	98	9	907	1485	349615
12	2	69.4	9	1124.6		591916

Radar Type 5_Trial 16

Trial Number:		16		VSG Frequency(MHz):		5516
Number of Bursts in Trial:		16		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57.1	15			625859
2	3	98.9	15	1662.1	1562.1	58668
3	3	84	15	1364	937	239835
4	2	66.9	15	1563.1		421044
5	2	77.3	15	1045.7		603045
6	3	93.7	15	1736.3	1418.3	36469
7	2	78.9	15	1698.1		217690
8	1	61.8	15			399498
9	2	77	15	1436		580247
10	2	68.6	15	1747.4		14212
11	3	85.5	15	1609.5	1442.5	194834
12	2	72.2	15	1251.8		376784
13	1	52.4	15			558534
14	1	66.3	15			740350
15	2	77.5	15	1025.5		173232
16	3	86.1	15	1705.9	1272.9	353562

Radar Type 5_Trial 17

Trial Number:		17		VSG Frequency(MHz):		5515.2
Number of Bursts in Trial:		14		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	66.6	13			613143
2	3	83.5	13	1347.5	1728.5	817452
3	1	57.5	13			172616
4	3	84.7	13	1193.3	1164.3	379303
5	1	65.7	13			587468
6	3	95.9	13	1094.1	1070.1	793142
7	2	76.4	13	1666.6		146878
8	1	54.8	13			354776
9	3	98.9	13	1164.1	1890.1	559894
10	3	84.1	13	1155.9	1490.9	766733
11	1	65.3	13			121614
12	2	80	13	966		328497
13	2	80.4	13	1063.6		535626
14	2	81.6	13	1376.4		742641

Radar Type 5_Trial 18

Trial Number:		18		VSG Frequency(MHz):		5516.4
Number of Bursts in Trial:		17		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57.3	16			78985
2	1	65.4	16			249930
3	1	66	16			420478
4	2	68.7	16	1224.3		590201
5	3	88.2	16	1508.8	922.8	57770
6	1	55.4	16			228721
7	1	51.8	16			399563
8	1	60.8	16			570677
9	3	84.2	16	1410.8	1429.8	36799
10	1	51	16			207708
11	1	51.1	16			378849
12	2	73.5	16	1767.5		547642
13	2	67.3	16	1637.7		15861
14	1	63.8	16			186727
15	1	61.9	16			357464
16	1	55.5	16			528536
17	2	81.5	16	1097.5		698215

Radar Type 5_Trial 19

Trial Number:		19		VSG Frequency(MHz):		5513.2
Number of Bursts in Trial:		10		Successful Detection:		No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57	8			282015
2	3	92.6	8	1172.4	1362.4	571527
3	2	73.2	8	1026.8		862775
4	3	93.5	8	1195.5	1626.5	1151333
5	3	92.7	8	1643.3	1594.3	245413
6	2	77.1	8	1344.9		535975
7	1	63.2	8			827530
8	1	53.6	8			1118562
9	1	61.2	8			210236
10	2	72.4	8	1265.6		500259

Radar Type 5_Trial 20

Trial Number:		20		VSG Frequency(MHz):		5514.4
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	79.1	11	1528.9		607823
2	2	68	11	1097		830939
3	3	93.3	11	1194.7	1586.7	133703
4	2	78.3	11	1748.7		357014
5	3	98.9	11	1547.1	1901.1	578602
6	2	81.4	11	1342.6		803148
7	3	95.4	11	927.6	1736.6	106332
8	1	61.2	11			330202
9	2	70.1	11	1438.9		552614
10	1	56.1	11			777117
11	3	83.8	11	960.2	1507.2	78918
12	2	78.1	11	1848.9		302142
13	2	72	11	1096		525336

Radar Type 5_Trial 21

Trial Number:		21		VSG Frequency(MHz):		5505.6
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	84.3	11	1260.7	1217.7	747422
2	1	55.7	11			51603
3	3	99.3	11	1881.7	978.7	274322
4	1	56.5	11			498535
5	3	83.6	11	1662.4	1157.4	719442
6	3	92.3	11	1120.7	1396.7	23989
7	2	78.6	11	1540.4		247219
8	1	62.6	11			471050
9	3	93	11	1444	1596	692109
10	3	93.4	11	1846.6	1878.6	914389
11	1	52.5	11			220150
12	1	58.3	11			443625
13	3	87.5	11	1158.5	1892.5	664565

Radar Type 5_Trial 22

Trial Number:		22		VSG Frequency(MHz):		5507.6
Number of Bursts in Trial:		9		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57.2	6			1286779
2	3	88.1	6	1675.9	1081.9	277551
3	1	64.7	6			601369
4	3	88.3	6	1072.7	1603.7	922524
5	1	52.8	6			1247270
6	1	65	6			238429
7	2	76.9	6	1784.1		560723
8	2	83.1	6	1521.9		883506
9	2	72.7	6	1894.3		1205655

Radar Type 5_Trial 23

Trial Number:		23		VSG Frequency(MHz):		5508
Number of Bursts in Trial:		8		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	92.8	5	1087.2	1741.2	223099
2	3	91	5	1498	985	586014
3	2	72.7	5	1608.3		949446
4	1	52.2	5			1313681
5	3	92.1	5	1859.9	945.9	178359
6	2	71.9	5	1651.1		541575
7	1	52.5	5			905877
8	3	91.8	5	1493.2	933.2	1266631

Radar Type 5_Trial 24

Trial Number:		24		VSG Frequency(MHz):		5502
Number of Bursts in Trial:		20		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	99.4	20	936.6	1059.6	53272
2	3	97.7	20	1730.3	1724.3	197486
3	2	78.9	20	1256.1		343109
4	2	70.5	20	1557.5		488023
5	3	89	20	1588	1306	35472
6	3	87.7	20	1065.3	1060.3	180037
7	3	93.4	20	1196.6	928.6	324626
8	2	70.5	20	1369.5		470208
9	2	79.7	20	1182.3		17714
10	1	61.4	20			162822
11	2	82.7	20	1315.3		307487
12	1	59.7	20			453480
13	3	86.2	20	1060.8	1849.8	595311
14	2	74.7	20	1261.3		144664
15	3	90.7	20	1542.3	1733.3	288611
16	2	70	20	1189		434299
17	1	61.3	20			580783
18	2	74.2	20	985.8		127005
19	1	57.2	20			272382
20	3	96.6	20	1457.4	1185.4	415803

Radar Type 5_Trial 25

Trial Number:		25		VSG Frequency(MHz):		5507.2
Number of Bursts in Trial:		10		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	81.8	7	1636.2		1125033
2	1	53.3	7			218776
3	2	68.7	7	1427.3		508915
4	1	51.1	7			799943
5	3	89	7	1111	1426	1087997
6	1	61.5	7			182965
7	1	62.9	7			473603
8	1	58.3	7			764302
9	3	83.9	7	1782.1	1701.1	1051452
10	2	81.4	7	1307.6		146972

Radar Type 5_Trial 26

Trial Number:		26		VSG Frequency(MHz):		5507.6
Number of Bursts in Trial:		9		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	50.1	6			486680
2	1	56.6	6			809523
3	1	60.1	6			1132714
4	1	51.1	6			123763
5	3	94	6	1483	1296	445662
6	1	54.8	6			770020
7	2	79.4	6	1138.6		1091763
8	2	67	6	1652		83893
9	2	68.2	6	994.8		406603

Radar Type 5_Trial 27

Trial Number:		27		VSG Frequency(MHz):		5502.4
Number of Bursts in Trial:		20		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	50.4	19			328148
2	2	71.4	19	1262.6		471887
3	2	67.8	19	1898.2		19791
4	2	73.2	19	1101.8		164828
5	1	53.6	19			310377
6	3	94.3	19	1759.7	1126.7	452609
7	2	73.4	19	1864.6		1976
8	3	86.5	19	1728.5	1298.5	146346
9	2	68.1	19	1629.9		291562
10	1	50.2	19			437167
11	1	52.6	19			582705
12	3	90.9	19	1794.1	1755.1	128542
13	2	67.8	19	1087.2		273980
14	1	64.6	19			419269
15	1	56	19			564253
16	1	60	19			111356
17	3	96.1	19	1081.9	1842.9	255090
18	2	79	19	1739		400330
19	2	77.7	19	1538.3		545725
20	2	81.5	19	1279.5		93284

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Radar Type 5_Trial 28

Trial Number:		28		VSG Frequency(MHz):		5504
Number of Bursts in Trial:		16		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	77.4	15	1452.6		297835
2	2	74.7	15	1512.3		478727
3	3	85	15	1017	1324	659587
4	3	86.7	15	1340.3	1755.3	94098
5	3	98.3	15	1358.7	978.7	275186
6	1	61.2	15			457719
7	2	76	15	1859		637709
8	3	99.6	15	1484.4	1266.4	71965
9	3	85	15	1392	1753	252763
10	2	80.7	15	1151.3		434307
11	3	85.8	15	954.2	1190.2	614725
12	3	90.6	15	954.4	1653.4	49657
13	3	94.4	15	1354.6	1670.6	230510
14	1	56	15			412734
15	1	56.8	15			594572
16	2	75.2	15	1270.8		27447

Radar Type 5_Trial 29

Trial Number:		29		VSG Frequency(MHz):		5506.4
Number of Bursts in Trial:		11		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	64	9			304285
2	2	80.2	9	1390.8		567815
3	1	65.1	9			832279
4	1	56.9	9			7467
5	1	65.6	9			271677
6	2	75	9	1381		535128
7	3	94.9	9	1357.1	964.1	798432
8	1	58	9			1064572
9	2	81.2	9	1723.8		238648
10	3	90.5	9	1363.5	1285.5	502084
11	2	82.4	9	1400.6		766515

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Radar Type 5_Trial 30

Trial Number:		30		VSG Frequency(MHz):		5505.2
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	92.1	12	1619.9	1656.9	869159
2	1	54.1	12			174833
3	3	91.2	12	1085.8	1256.8	397236
4	3	98	12	1584	1867	619250
5	2	75.9	12	1151.1		843845
6	1	51.7	12			147199
7	3	85.5	12	1517.5	1640.5	369401
8	3	90.8	12	1207.2	1025.2	592633
9	2	75.7	12	1663.3		816162
10	3	86.4	12	1301.6	1591.6	119320
11	2	81.1	12	1036.9		342935
12	2	74.9	12	1726.1		565891
13	3	92.5	12	988.5	1580.5	788224

Frequency Hopping Radar Test Waveforms

Radar Type 6

Trial	Pulse Width	PRI	Pulses per Hop	Hopping Rate	Hopping Sequence Length	Successful Detection
	(μ sec)	(μ sec)		(kHz)	(msec)	(Yes/No)
1	1	333	9	0.333	300	Yes
2	1	333	9	0.333	300	Yes
3	1	333	9	0.333	300	Yes
4	1	333	9	0.333	300	Yes
5	1	333	9	0.333	300	Yes
6	1	333	9	0.333	300	Yes
7	1	333	9	0.333	300	Yes
8	1	333	9	0.333	300	Yes
9	1	333	9	0.333	300	Yes
10	1	333	9	0.333	300	Yes
11	1	333	9	0.333	300	Yes
12	1	333	9	0.333	300	Yes
13	1	333	9	0.333	300	Yes
14	1	333	9	0.333	300	Yes
15	1	333	9	0.333	300	Yes
16	1	333	9	0.333	300	Yes
17	1	333	9	0.333	300	Yes
18	1	333	9	0.333	300	Yes
19	1	333	9	0.333	300	Yes
20	1	333	9	0.333	300	Yes
21	1	333	9	0.333	300	Yes
22	1	333	9	0.333	300	Yes
23	1	333	9	0.333	300	Yes
24	1	333	9	0.333	300	Yes
25	1	333	9	0.333	300	Yes
26	1	333	9	0.333	300	Yes
27	1	333	9	0.333	300	Yes
28	1	333	9	0.333	300	Yes
29	1	333	9	0.333	300	Yes
30	1	333	9	0.333	300	Yes

< Channel Bandwidth 80MHz / 5530 MHz >

Short Pulse Radar Test Waveforms

Radar Type 1

Trial	VSG Frequency (MHz)	Pulse Repetition Frequency	Pulse Repetition Frequency	PRI	Test A/B	Successful Detection
		Number (1 to 23)	(Pulses Per Second)	(msec)	A/B	(Yes/No)
1	5530	18	1165.5	858	A	Yes
2	5530	5	1672.2	598	A	Yes
3	5530	10	1432.7	698	A	No
4	5530	12	1355	738	A	Yes
5	5530	4	1730.1	578	A	Yes
6	5530	3	1792.1	558	A	Yes
7	5530	19	1139	878	A	Yes
8	5530	13	1319.3	758	A	Yes
9	5530	17	1193.3	838	A	Yes
10	5530	2	1858.7	538	A	Yes
11	5530	20	1113.6	898	A	Yes
12	5530	11	1392.8	718	A	Yes
13	5530	9	1474.9	678	A	Yes
14	5530	1	1930.5	518	A	Yes
15	5530	7	1567.4	638	A	Yes
16	5530	-	813	1230	B	Yes
17	5530	-	585.1	1709	B	Yes
18	5530	-	684.5	1461	B	Yes
19	5530	-	795.5	1257	B	Yes
20	5530	-	1029.9	971	B	Yes
21	5530	-	784.9	1274	B	Yes
22	5530	-	489.7	2042	B	Yes
23	5530	-	401.8	2489	B	Yes
24	5530	-	428.4	2334	B	Yes
25	5530	-	686.3	1457	B	Yes
26	5530	-	1538.5	650	B	Yes
27	5530	-	377.4	2650	B	Yes
28	5530	-	1201.9	832	B	No
29	5530	-	456	2193	B	Yes
30	5530	-	555.9	1799	B	Yes

Radar Type 2

Trial	VSG Frequency (MHz)	Number Pulses per Burst (23-29)	Pulse Width (1-5)	PRI (150-230)	Successful Detection
			(μ s)	(μ s)	(Yes/No)
1	5530	24	1.8	179	Yes
2	5530	25	2.6	150	Yes
3	5530	26	3.2	173	Yes
4	5530	26	3.1	194	Yes
5	5530	28	3.9	207	Yes
6	5530	27	3.5	227	Yes
7	5530	24	1.6	226	Yes
8	5530	28	4.1	220	Yes
9	5530	28	4.2	195	Yes
10	5530	25	2.7	210	Yes
11	5530	23	1.4	211	No
12	5530	28	4.4	203	Yes
13	5530	26	3.1	190	Yes
14	5530	29	4.7	160	No
15	5530	25	2.2	193	Yes
16	5530	27	3.5	181	Yes
17	5530	26	3	161	Yes
18	5530	28	4	204	No
19	5530	24	1.8	175	Yes
20	5530	25	2.7	209	Yes
21	5530	25	2.6	200	Yes
22	5530	23	1.5	152	Yes
23	5530	23	1	177	Yes
24	5530	29	5	222	No
25	5530	24	1.6	151	Yes
26	5530	23	1.4	216	Yes
27	5530	29	4.8	217	No
28	5530	27	3.6	198	No
29	5530	24	2	192	Yes
30	5530	26	2.8	196	Yes

Radar Type 3

Trial	VSG Frequency (MHz)	Number Pulses per Burst (16-18)	Pulse Width (6-10)	PRI (200-500)	Successful Detection
			(μ s)	(μ s)	(Yes/No)
1	5530	16	6.8	207	Yes
2	5530	17	7.6	294	Yes
3	5530	17	8.2	387	Yes
4	5530	17	8.1	493	Yes
5	5530	18	8.9	465	No
6	5530	17	8.5	398	Yes
7	5530	16	6.6	308	No
8	5530	18	9.1	255	Yes
9	5530	18	9.2	353	Yes
10	5530	17	7.7	337	Yes
11	5530	16	6.4	322	Yes
12	5530	18	9.4	396	Yes
13	5530	17	8.1	264	Yes
14	5530	18	9.7	412	Yes
15	5530	16	7.2	446	Yes
16	5530	17	8.5	300	Yes
17	5530	17	8	474	Yes
18	5530	18	9	499	Yes
19	5530	16	6.8	497	Yes
20	5530	17	7.7	256	Yes
21	5530	17	7.6	476	Yes
22	5530	16	6.5	208	Yes
23	5530	16	6	381	Yes
24	5530	18	10	334	Yes
25	5530	16	6.6	217	Yes
26	5530	16	6.4	344	No
27	5530	18	9.8	479	No
28	5530	17	8.6	341	Yes
29	5530	16	7	271	No
30	5530	17	7.8	206	Yes

Radar Type 4

Trial	VSG Frequency (MHz)	Number Pulses per Burst (12-16)	Pulse Width (11-20)	PRI (200-500)	Successful Detection
			(μ s)	(μ s)	(Yes/No)
1	5530	13	12.8	207	No
2	5530	13	14.5	294	No
3	5530	14	16	387	Yes
4	5530	14	15.8	493	Yes
5	5530	15	17.5	465	Yes
6	5530	15	16.6	398	Yes
7	5530	12	12.4	308	Yes
8	5530	15	18	255	Yes
9	5530	15	18.1	353	Yes
10	5530	14	14.8	337	No
11	5530	12	11.9	322	Yes
12	5530	16	18.6	396	Yes
13	5530	14	15.8	264	Yes
14	5530	16	19.2	412	Yes
15	5530	13	13.8	446	No
16	5530	15	16.7	300	Yes
17	5530	14	15.5	474	Yes
18	5530	15	17.8	499	Yes
19	5530	13	12.8	497	No
20	5530	14	14.8	256	Yes
21	5530	13	14.5	476	Yes
22	5530	12	12.1	208	Yes
23	5530	12	11	381	Yes
24	5530	16	19.9	334	Yes
25	5530	12	12.4	217	Yes
26	5530	12	12	344	Yes
27	5530	16	19.5	479	Yes
28	5530	15	16.8	341	Yes
29	5530	13	13.3	271	Yes
30	5530	14	15.1	206	Yes

Long Pulse Radar Test Waveforms

Radar Type 5_Trial 1

Trial Number:		1		VSG Frequency(MHz):		5530
Number of Bursts in Trial:		9		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	56.8	7			505791
2	2	69.3	7	1325.7		827892
3	2	80.5	7	1003.5		1150939
4	1	66.1	7			142835
5	3	95.5	7	1398.5	1176.5	464917
6	2	67.2	7	1488.8		787881
7	3	88.7	7	1674.3	1078.3	1109444
8	3	96.5	7	1157.5	1705.5	102804
9	3	95.7	7	1814.3	1790.3	424833

Radar Type 5_Trial 2

Trial Number:		2		VSG Frequency(MHz):		5530
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57.8	11			518559
2	2	70.7	11	1260.3		740770
3	1	62.7	11			43804
4	2	81.1	11	1853.9		266682
5	3	91.6	11	1182.4	1597.4	489248
6	2	77.3	11	1722.7		712574
7	2	82.7	11	1825.3		16221
8	2	72.7	11	1514.3		239312
9	3	95.2	11	1113.8	1399.8	462008
10	1	58.4	11			687000
11	2	75.6	11	1253.4		909259
12	2	72	11	1240		211897
13	1	57.6	11			435781

Radar Type 5_Trial 3

Trial Number:			3	VSG Frequency(MHz):		5530
Number of Bursts in Trial:			15	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	76.6	14	1083.4		570628
2	2	71	14	1356		763437
3	3	84.9	14	1333.1	1609.1	159379
4	2	67.9	14	975.1		353429
5	2	79.7	14	1051.3		546819
6	1	50.5	14			741113
7	1	53.6	14			136172
8	1	59.6	14			329765
9	1	66.5	14			523306
10	3	92.7	14	1566.3	1761.3	713583
11	3	97.9	14	1227.1	952.1	111937
12	2	75.9	14	1762.1		305154
13	1	54.4	14			499561
14	3	87.8	14	1494.2	1300.2	691134
15	3	92.7	14	1263.3	1112.3	88160

Radar Type 5_Trial 4

Trial Number:			4	VSG Frequency(MHz):			5530
Number of Bursts in Trial:			12	Successful Detection:			Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval	
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)	
1	3	85.8	10	1669.2	1410.2	351791	
2	2	79.1	10	1699.9		594029	
3	1	61.1	10			837158	
4	1	54.1	10			80802	
5	3	86.9	10	1127.1	923.1	322391	
6	2	82.5	10	1687.5		563973	
7	1	54.6	10			807675	
8	3	88.1	10	1002.9	1691.9	50815	
9	3	87.2	10	1736.8	1625.8	292220	
10	2	71.4	10	1335.6		534558	
11	2	69.2	10	1510.8		775987	
12	1	66.4	10			21153	

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Radar Type 5_Trial 5

Trial Number:		5		VSG Frequency(MHz):		5530
Number of Bursts in Trial:		19		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	77.4	19	1011.6		165995
2	2	71	19	1222		318441
3	1	56.5	19			471624
4	1	57.7	19			624176
5	3	93.4	19	1545.6	1810.6	146546
6	2	75	19	953		299659
7	3	99.3	19	1336.7	1215.7	451332
8	3	92.8	19	1885.2	1205.2	602340
9	1	59.5	19			128500
10	2	81.3	19	1747.7		280671
11	2	77.6	19	1643.4		432946
12	3	87.6	19	1699.4	999.4	584139
13	3	88.2	19	1783.8	1110.8	109116
14	3	92.8	19	1199.2	1610.2	261386
15	3	86	19	1886	986	413437
16	3	91.4	19	1775.6	1318.6	565228
17	2	78.1	19	1597.9		90631
18	1	64.8	19			243625
19	1	55.2	19			396629

Radar Type 5_Trial 6

Trial Number:			6	VSG Frequency(MHz):			5530
Number of Bursts in Trial:			12	Successful Detection:			Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval	
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)	
1	3	87.2	10	1563.8	1839.8	867122	
2	3	89.6	10	1341.4	1512.4	113816	
3	3	90	10	947	1541	355467	
4	3	86.9	10	1057.1	1487.1	596574	
5	1	66	10			840937	
6	3	97.4	10	1336.6	1454.6	84105	
7	2	71.5	10	1171.5		325946	
8	3	85.2	10	996.8	948.8	567402	
9	2	75.1	10	1758.9		809271	
10	2	72	10	1085		54426	
11	2	82.9	10	1306.1		296377	
12	3	97.7	10	1308.3	1844.3	537126	

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Radar Type 5_Trial 7

Trial Number:		7		VSG Frequency(MHz):		5530
Number of Bursts in Trial:		18		Successful Detection:		No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	96.6	17	1302.4	999.4	518206
2	1	60.4	17			16439
3	3	84.2	17	1834.8	1597.8	176758
4	2	76.3	17	1217.7		338480
5	3	88.6	17	1289.4	1771.4	497794
6	1	59.9	17			661425
7	3	84.9	17	1261.1	1365.1	157222
8	1	54.5	17			319091
9	1	50.8	17			480828
10	1	55.1	17			641719
11	3	95.1	17	1675.9	1013.9	137485
12	2	83.2	17	1701.8		298500
13	1	54.5	17			460570
14	1	51.5	17			621845
15	2	73.6	17	1091.4		117946
16	1	65.9	17			279611
17	3	94.1	17	1105.9	1735.9	438645
18	3	96.5	17	903.5	1084.5	599717

Radar Type 5_Trial 8

Trial Number:		8		VSG Frequency(MHz):		5530
Number of Bursts in Trial:		20		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	63.3	19			88435
2	1	60	19			233755
3	2	72.4	19	996.6		377962
4	1	66.2	19			524214
5	2	82	19	933		70391
6	2	76.9	19	1208.1		215368
7	3	87.4	19	1497.6	1002.6	359056
8	3	84.1	19	1510.9	1010.9	503764
9	3	90.5	19	1691.5	1759.5	52367
10	1	60.4	19			197691
11	2	71.9	19	1077.1		342454
12	3	89.9	19	1776.1	1160.1	485224
13	2	74.1	19	1044.9		34745
14	2	70.7	19	932.3		179725
15	2	76.6	19	1715.4		324324
16	3	83.6	19	1448.4	917.4	468103
17	2	81.1	19	1598.9		16866
18	2	77.1	19	1244.9		161750
19	1	54	19			307173
20	1	66.5	19			

Radar Type 5_Trial 9

Trial Number:			9	VSG Frequency(MHz):		5530
Number of Bursts in Trial:			19	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	97.5	19	918.5	1278.5	627010
2	2	81.4	19	1232.6		151499
3	3	93.2	19	1061.8	1784.8	303073
4	1	60.3	19			457641
5	1	54.3	19			609973
6	2	82.1	19	1142.9		132665
7	3	94.5	19	1324.5	1462.5	284456
8	1	56.8	19			438708
9	2	82.4	19	1103.6		590746
10	1	64.5	19			114107
11	2	73.8	19	1744.2		266070
12	1	55.5	19			419524
13	3	91.2	19	1458.8	988.8	570171
14	2	78.7	19	1877.3		94960
15	1	58.7	19			247970
16	2	72.9	19	1124.1		400470
17	2	75.3	19	935.7		553009
18	2	80.3	19	1882.7		76261
19	2	78.5	19	1258.5		228792

Radar Type 5_Trial 10

Trial Number:		10		VSG Frequency(MHz):		5530
Number of Bursts in Trial:		10		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	57.2	7			727000
2	3	88.9	7	1619.1	1067.1	1014862
3	1	54.5	7			109740
4	2	69.4	7	1546.6		399887
5	2	74.5	7	1172.5		690242
6	2	82.6	7	1539.4		980619
7	1	60.9	7			73901
8	2	81	7	1840		363866
9	2	74.4	7	1378.6		654563
10	1	56.5	7			946035

Radar Type 5_Trial 11

Trial Number:		11		VSG Frequency(MHz):		5534.4
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	70.9	11	1044.1		29261
2	2	70.5	11	1769.5		252311
3	3	96.5	11	1384.5	1247.5	474890
4	1	61.9	11			700112
5	2	77.5	11	1837.5		1761
6	3	99.1	11	1138.9	1158.9	224578
7	2	81.9	11	1813.1		448072
8	2	66.9	11	964.1		671896
9	1	62	11			895362
10	1	61.8	11			197821
11	3	100	11	1303	1697	419849
12	2	82.4	11	1740.6		643536
13	2	80.6	11	1276.4		867122

Radar Type 5_Trial 12

Trial Number:		12		VSG Frequency(MHz):		5533.6
Number of Bursts in Trial:		11		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	51.6	9			201180
2	2	76	9	1002		464941
3	3	86.7	9	1699.3	1592.3	727080
4	1	66.3	9			994255
5	3	98.8	9	1196.2	1814.2	168219
6	3	95.5	9	1724.5	1512.5	431449
7	1	61.9	9			697377
8	1	53.7	9			961212
9	1	58.2	9			136083
10	1	50.7	9			400380
11	3	98.7	9	1636.3	1586.3	662730

Radar Type 5_Trial 13

Trial Number:		13		VSG Frequency(MHz):		5535.6
Number of Bursts in Trial:		16		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	96.8	14	910.2	965.2	636157
2	2	77.7	14	1813.3		70943
3	3	92.9	14	1514.1	1790.1	251524
4	1	61.9	14			434008
5	2	68.6	14	1397.4		614910
6	2	77.7	14	1548.3		48726
7	3	93.5	14	1117.5	1233.5	229702
8	1	51	14			411980
9	2	70.1	14	1071.9		592107
10	1	50.2	14			26434
11	1	61.5	14			207894
12	3	94	14	1397	1332	387915
13	2	77.3	14	1159.7		570305
14	3	93.7	14	1350.3	1896.3	4064
15	1	63.7	14			185575
16	2	79.7	14	1764.3		366216

Radar Type 5_Trial 14

Trial Number:			14	VSG Frequency(MHz):		5537.2
Number of Bursts in Trial:			18	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	76.8	18	1816.2		486496
2	1	56	18			649127
3	1	63.3	18			145037
4	2	68.5	18	1680.5		305438
5	2	78.5	18	1824.5		466217
6	2	74.9	18	1822.1		627521
7	1	58.3	18			125290
8	1	52.8	18			286330
9	3	93.5	18	1653.5	1489.5	445360
10	3	87.9	18	1295.1	1248.1	606743
11	1	66.3	18			105370
12	1	62.2	18			266703
13	3	85.6	18	1885.4	1377.4	425493
14	1	62.4	18			589415
15	1	52.8	18			85503
16	1	62.7	18			246607
17	2	69.7	18	1876.3		406665
18	3	97.9	18	954.1	1546.1	566929

Radar Type 5_Trial 15

Trial Number:		15		VSG Frequency(MHz):		5535.2
Number of Bursts in Trial:		15		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	65.1	13			78786
2	3	99.8	13	948.2	1779.2	271291
3	1	56.1	13			466238
4	2	70	13	1295		658425
5	3	98.3	13	1720.7	972.7	54697
6	3	84.4	13	1367.6	1238.6	247761
7	2	68.4	13	1740.6		441115
8	3	99	13	1639	1211	633835
9	1	62.2	13			31029
10	2	80.3	13	970.7		224448
11	3	90.2	13	1382.8	1677.8	416419
12	2	82	13	1490		610871
13	1	59.3	13			7180
14	2	72.6	13	1167.4		200518
15	3	85.1	13	1007.9	1162.9	393401

Radar Type 5_Trial 16

Trial Number:		16		VSG Frequency(MHz):		5536
Number of Bursts in Trial:		16		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	65.8	15			551501
2	3	85.2	15	1543.8	1265.8	729923
3	3	97.7	15	1813.3	1408.3	165204
4	3	95	15	932	1770	346186
5	2	82.2	15	1407.8		527759
6	2	70.1	15	1101.9		709276
7	2	71.8	15	1694.2		143143
8	2	69.4	15	1890.6		324158
9	3	90	15	1562	1234	504798
10	2	68.5	15	1811.5		686164
11	2	80.8	15	1500.2		120866
12	1	61.3	15			302644
13	2	81.2	15	1400.8		483304
14	1	65.5	15			666028
15	1	57.7	15			98815
16	3	97.4	15	1367.6	1804.6	279081

Radar Type 5_Trial 17

Trial Number:			17	VSG Frequency(MHz):		5534.8
Number of Bursts in Trial:			13	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	98.8	12	1222.2	1169.2	566865
2	2	74.2	12	1148.8		790881
3	2	79.5	12	1027.5		94028
4	2	78.5	12	923.5		317465
5	1	63.9	12			541217
6	2	73.5	12	1543.5		763013
7	1	56.7	12			66625
8	1	57.7	12			290248
9	2	78.9	12	1056.1		513091
10	1	50.1	12			737158
11	2	79.6	12	1435.4		38997
12	1	62.7	12			262629
13	2	78	12	1102		485451

Radar Type 5_Trial 18

Trial Number:		18		VSG Frequency(MHz):		5537.6
Number of Bursts in Trial:		19		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	62.7	19			485076
2	1	61.4	19			7893
3	2	78.5	19	1360.5		160344
4	3	93.7	19	983.3	1774.3	312049
5	2	77.2	19	1132.8		465338
6	2	69.8	19	1789.2		617300
7	2	77.2	19	1023.8		141660
8	1	55.1	19			294589
9	2	67.7	19	1072.3		446586
10	3	87.5	19	1642.5	965.5	597492
11	2	77.7	19	1869.3		122596
12	3	93.3	19	1517.7	910.7	274853
13	2	80.4	19	1336.6		427416
14	1	66.2	19			581583
15	1	51.5	19			104303
16	2	67.5	19	1352.5		256366
17	2	73	19	1732		408672
18	3	87.2	19	1189.8	1836.8	559548
19	3	83.4	19	983.6	1446.6	85113

Radar Type 5_Trial 19

Trial Number:		19		VSG Frequency(MHz):		5532.8
Number of Bursts in Trial:		10		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	54.4	7			453323
2	2	83	7	1637		742838
3	3	91.4	7	1474.6	1186.6	1032362
4	1	57.8	7			126692
5	2	79.9	7	1592.1		416647
6	3	94.1	7	1905.9	1184.9	706212
7	2	71.1	7	1878.9		997026
8	3	92.3	7	1799.7	1292.7	90626
9	2	78.4	7	1408.6		381140
10	3	90	7	1670	1701	670238

Radar Type 5_Trial 20

Trial Number:		20		VSG Frequency(MHz):		5535.2
Number of Bursts in Trial:		14		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	66.1	13			687291
2	2	82.1	13	1857.9		39223
3	3	90.6	13	1673.4	1210.4	245904
4	1	59.1	13			454178
5	3	91.4	13	1138.6	1647.6	659373
6	2	77.3	13	1791.7		13715
7	1	57.1	13			221198
8	1	52.2	13			428848
9	2	67.6	13	1154.4		635505
10	1	53.9	13			844207
11	3	95.8	13	1093.2	1780.2	194888
12	2	80.5	13	1915.5		402287
13	3	92.2	13	1013.8	1830.8	608896
14	2	81.1	13	1744.9		816285

Radar Type 5_Trial 21

Trial Number:		21		VSG Frequency(MHz):		5525.2
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	86.7	12	1675.3	1844.3	182467
2	1	51.7	12			406544
3	3	85.3	12	1456.7	1037.7	628364
4	3	83.5	12	1556.5	1046.5	851151
5	1	57.3	12			155687
6	1	55.2	12			379167
7	3	90.3	12	1895.7	1522.7	600387
8	1	55.8	12			826085
9	1	62.9	12			128160
10	3	96.2	12	1545.8	1209.8	350547
11	1	58.2	12			574984
12	3	95.1	12	1656.9	1458.9	795566
13	2	71.3	12	1877.7		100491

Radar Type 5_Trial 22

Trial Number:		22		VSG Frequency(MHz):		5527.2
Number of Bursts in Trial:		9		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	53.6	7			468582
2	3	98.7	7	1889.3	1143.3	789407
3	3	99.6	7	1343.4	1312.4	1111748
4	1	56	7			105687
5	2	77.5	7	1293.5		428293
6	3	98.9	7	1274.1	1004.1	750482
7	1	65.2	7			1074354
8	1	51.6	7			65890
9	1	55.4	7			388998

Radar Type 5_Trial 23

Trial Number:			23	VSG Frequency(MHz):		5524.8
Number of Bursts in Trial:			14	Successful Detection:		No
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	87.2	13	976.8	1182.8	456222
2	3	84.1	13	1371.9	1726.9	662502
3	3	89	13	967	1039	16717
4	3	88.9	13	1357.1	1738.1	223331
5	3	94.5	13	986.5	1466.5	430680
6	1	65.2	13			639436
7	1	55.4	13			846981
8	2	83.2	13	1070.8		198521
9	3	87.7	13	1173.3	1039.3	404915
10	2	74	13	1161		612568
11	3	90.8	13	1506.2	1882.2	817524
12	1	60.3	13			173201
13	2	71.1	13	1801.9		379951
14	2	78.1	13	1777.9		587132

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Radar Type 5_Trial 24

Trial Number:		24		VSG Frequency(MHz):		5525.6
Number of Bursts in Trial:		13		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	58.8	11			856587
2	3	87.7	11	1491.3	1450.3	158431
3	3	85	11	1345	1336	381373
4	2	73.1	11	1582.9		604827
5	3	99.7	11	949.3	1372.3	827314
6	1	60.2	11			131379
7	2	69.2	11	1913.8		354215
8	3	94.4	11	1898.6	1169.6	576540
9	1	50.9	11			802360
10	3	96.4	11	1332.6	1767.6	103505
11	1	56	11			327585
12	1	53.5	11			550800
13	1	53.5	11			774253

Radar Type 5_Trial 25

Trial Number:		25		VSG Frequency(MHz):		5523.6
Number of Bursts in Trial:		17		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	68	16	1699		58267
2	3	98	16	981	1380	228326
3	2	68.2	16	1687.8		398813
4	2	81.7	16	1280.3		570087
5	2	76.9	16	1744.1		37258
6	2	79.5	16	1206.5		207709
7	2	81.3	16	1084.7		378378
8	1	64.6	16			549911
9	1	51.1	16			16288
10	3	94.6	16	1633.4	1154.4	186405
11	2	68.5	16	1641.5		357224
12	1	60.8	16			528866
13	2	75	16	1493		697742
14	1	50.4	16			166097
15	2	79.7	16	1539.3		336250
16	1	58.4	16			507802
17	3	84.2	16	1458.8	1431.8	676043

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Radar Type 5_Trial 26

Trial Number:		26		VSG Frequency(MHz):		5526
Number of Bursts in Trial:		12		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	54.2	10			205511
2	1	61	10			447775
3	2	82.5	10	1009.5		689367
4	2	70.6	10	1232.4		931205
5	3	90.8	10	1674.2	1636.2	175168
6	2	68.4	10	1916.6		417080
7	3	92.6	10	1744.4	1784.4	657633
8	2	75.7	10	1291.3		900689
9	1	65.6	10			145963
10	3	91.4	10	1473.6	1019.6	387034
11	3	86.2	10	1224.8	1531.8	628615
12	3	92.8	10	1855.2	1312.2	869468

Radar Type 5_Trial 27

Trial Number:		27		VSG Frequency(MHz):		5524.4
Number of Bursts in Trial:		15		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	83.1	14	1483.9		92710
2	3	92.6	14	1705.4	1506.4	285381
3	2	82.9	14	1601.1		478875
4	3	91	14	935	1252	671881
5	1	61.7	14			68990
6	3	87.4	14	931.6	936.6	261939
7	3	85.3	14	1581.7	958.7	454720
8	2	69.4	14	1080.6		649017
9	3	92.3	14	1066.7	1366.7	45024
10	1	63.8	14			238778
11	2	80.9	14	1766.1		431503
12	3	89.8	14	1884.2	1616.2	623037
13	1	63.4	14			21285
14	1	57.7	14			215068
15	3	93.2	14	1870.8	1865.8	406865

Radar Type 5_Trial 28

Trial Number:		28		VSG Frequency(MHz):		5528
Number of Bursts in Trial:		8		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	66.5	5			1130152
2	1	62.3	5			1493868
3	2	74.6	5	1573.4		358181
4	1	59.8	5			721861
5	3	89.5	5	1555.5	1249.5	1083093
6	3	85.9	5	1311.1	1756.1	1446033
7	2	66.7	5	1397.3		313511
8	3	92.1	5	1374.9	1126.9	676008

Radar Type 5_Trial 29

Trial Number:		29		VSG Frequency(MHz):		5527.6
Number of Bursts in Trial:		8		Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	95	6	1799	1886	1038009
2	2	71	6	1447		1402462
3	2	83	6	1262		268919
4	2	77.3	6	940.7		632072
5	2	79.5	6	1108.5		995039
6	2	75.7	6	966.3		1358052
7	1	55.9	6			224291
8	1	61.3	6			587763

Radar Type 5_Trial 30

Trial Number:			30	VSG Frequency(MHz):		5526.8
Number of Bursts in Trial:			10	Successful Detection:		Yes
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	88.1	8	1827.9	1810.9	758285
2	3	95.2	8	1441.8	1525.8	1048432
3	2	71.9	8	1067.1		143532
4	2	68	8	1477		433771
5	1	51.9	8			725019
6	3	85.6	8	1159.4	1500.4	1013071
7	2	69.9	8	1077.1		107668
8	1	63.3	8			398642
9	1	63.1	8			689270
10	3	94.4	8	1609.6	1429.6	977450

Frequency Hopping Radar Test Waveforms

Radar Type 6

Trial	Pulse Width	PRI	Pulses per Hop	Hopping Rate	Hopping Sequence Length	Successful Detection
	(μ sec)	(μ sec)		(kHz)	(msec)	(Yes/No)
1	1	333	9	0.333	300	Yes
2	1	333	9	0.333	300	Yes
3	1	333	9	0.333	300	Yes
4	1	333	9	0.333	300	Yes
5	1	333	9	0.333	300	Yes
6	1	333	9	0.333	300	Yes
7	1	333	9	0.333	300	Yes
8	1	333	9	0.333	300	Yes
9	1	333	9	0.333	300	Yes
10	1	333	9	0.333	300	Yes
11	1	333	9	0.333	300	Yes
12	1	333	9	0.333	300	Yes
13	1	333	9	0.333	300	Yes
14	1	333	9	0.333	300	Yes
15	1	333	9	0.333	300	Yes
16	1	333	9	0.333	300	Yes
17	1	333	9	0.333	300	Yes
18	1	333	9	0.333	300	Yes
19	1	333	9	0.333	300	Yes
20	1	333	9	0.333	300	Yes
21	1	333	9	0.333	300	Yes
22	1	333	9	0.333	300	Yes
23	1	333	9	0.333	300	Yes
24	1	333	9	0.333	300	Yes
25	1	333	9	0.333	300	Yes
26	1	333	9	0.333	300	Yes
27	1	333	9	0.333	300	Yes
28	1	333	9	0.333	300	Yes
29	1	333	9	0.333	300	Yes
30	1	333	9	0.333	300	Yes