

Radar Type 5_Trial 25

Data Sheet for FCC Radar Type 5						
Trial Number:		25		VSG Frequency(MHz):		5286.4
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	2	74.6	9	1673.4		79513
2	2	78.1	9	1898.9		343326
3	2	77.4	9	1380.6		607224
4	2	83.1	9	1606.9		870860
5	2	73.5	9	1076.5		47039
6	2	66.9	9	1441.1		310982
7	3	87.8	9	1587.2	1260.2	573662
8	2	74.8	9	1224.2		838445
9	1	63.9	9			14527
10	2	73.3	9	1121.7		278481
11	1	63.7	9			542820

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Radar Type 5_Trial 26

Data Sheet for FCC Radar Type 5						
Trial Number:		26		VSG Frequency(MHz):		5287.6
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	3	98.5	6	1770.5	1754.5	984387
2	1	54.2	6			1309680
3	2	79.6	6	1836.4		300461
4	2	69.8	6	1422.2		623132
5	2	66.7	6	1170.3		946283
6	1	60.5	6			1269536
7	1	50.6	6			261275
8	1	53.2	6			584228
9	1	65.6	6			907546

Radar Type 5_Trial 27

Data Sheet for FCC Radar Type 5						
Trial Number:		27		VSG Frequency(MHz):		5284
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	54.4	15			691462
2	3	92.4	15	1521.6	1696.6	123813
3	1	60.4	15			305771
4	2	76.5	15	1841.5		486181
5	3	92	15	1853	1290	666478
6	1	61.8	15			102006
7	2	69.3	15	1828.7		282780
8	1	56.3	15			465445
9	2	66.7	15	1067.3		645845
10	2	72.9	15	1116.1		79615
11	1	51.9	15			261092
12	2	75.3	15	1502.7		442137
13	1	54.1	15			624512
14	2	77.5	15	1436.5		57262
15	2	83.3	15	1212.7		238468
16	2	73.3	15	995.7		419960

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Radar Type 5_Trial 28

Data Sheet for FCC Radar Type 5						
Trial Number:		28		VSG Frequency(MHz):		5288
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	56.6	5			1204947
2	3	90.6	5	1569.4	1073.4	69914
3	2	67.8	5	1182.2		433042
4	1	55.6	5			796930
5	1	56.7	5			1160679
6	3	85	5	942	924	25243
7	2	69.5	5	1294.5		388398
8	2	82.4	5	1481.6		751251

Radar Type 5_Trial 29

Data Sheet for FCC Radar Type 5						
Trial Number:		29		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	2	80.5	10	1270.5		742202
2	1	62.1	10			985899
3	2	77.8	10	1877.2		228650
4	1	57.3	10			471433
5	1	50.4	10			713779
6	1	50	10			955770
7	2	67.6	10	1159.4		199024
8	1	54.9	10			441427
9	3	86.4	10	1112.6	1787.6	681917
10	1	64.8	10			925532
11	2	82.4	10	1685.6		169151
12	2	82.3	10	1522.7		411022

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Radar Type 5_Trial 30

Data Sheet for FCC Radar Type 5						
Trial Number:		30		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	2	67.7	13	1744.3		559141
2	1	50.8	13			767953
3	3	91.2	13	937.8	1171.8	119382
4	1	61.7	13			327124
5	3	97.6	13	1397.4	962.4	533226
6	2	81.5	13	1154.5		740954
7	1	58.1	13			94102
8	3	91.1	13	1599.9	1415.9	300600
9	2	71.3	13	1106.7		508326
10	3	88.4	13	1409.6	1430.6	714290
11	3	94.4	13	1157.6	1056.6	68412
12	2	76.7	13	1340.3		275776
13	3	96.4	13	1154.6	1169.6	481944
14	3	96.5	13	1885.5	1342.5	687978

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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

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< 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	2	1858.7	538	A	Yes
2	5500	14	1285.3	778	A	Yes
3	5500	5	1672.2	598	A	Yes
4	5500	9	1474.9	678	A	Yes
5	5500	6	1618.1	618	A	Yes
6	5500	4	1730.1	578	A	Yes
7	5500	16	1222.5	818	A	Yes
8	5500	12	1355	738	A	Yes
9	5500	22	1066.1	938	A	Yes
10	5500	17	1193.3	838	A	Yes
11	5500	3	1792.1	558	A	Yes
12	5500	18	1165.5	858	A	Yes
13	5500	7	1567.4	638	A	Yes
14	5500	15	1253.1	798	A	Yes
15	5500	23	326.2	3066	A	Yes
16	5500	-	727.8	1374	B	Yes
17	5500	-	531.6	1881	B	Yes
18	5500	-	1194.7	837	B	Yes
19	5500	-	327.5	3053	B	Yes
20	5500	-	819	1221	B	Yes
21	5500	-	1075.3	930	B	Yes
22	5500	-	455	2198	B	Yes
23	5500	-	492.9	2029	B	Yes
24	5500	-	432.5	2312	B	Yes
25	5500	-	963.4	1038	B	Yes
26	5500	-	598.4	1671	B	Yes
27	5500	-	523	1912	B	Yes
28	5500	-	1278.8	782	B	Yes
29	5500	-	364.8	2741	B	Yes
30	5500	-	465.1	2150	B	Yes

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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	23	1.2	204	Yes
2	5500	28	4.2	154	Yes
3	5500	24	1.9	169	Yes
4	5500	28	4	166	Yes
5	5500	25	2.5	186	Yes
6	5500	28	4.2	162	Yes
7	5500	23	1.2	195	Yes
8	5500	29	4.7	208	Yes
9	5500	29	4.8	219	Yes
10	5500	29	4.6	221	No
11	5500	28	4	198	Yes
12	5500	26	3	210	Yes
13	5500	27	3.8	215	Yes
14	5500	26	3	184	Yes
15	5500	27	3.4	176	Yes
16	5500	29	4.6	155	Yes
17	5500	27	3.8	200	Yes
18	5500	29	4.8	174	No
19	5500	24	1.9	160	Yes
20	5500	25	2.7	189	No
21	5500	26	2.9	151	Yes
22	5500	29	5	159	Yes
23	5500	28	4.3	170	No
24	5500	23	1.5	164	Yes
25	5500	24	2.1	230	Yes
26	5500	23	1.5	197	Yes
27	5500	27	3.6	226	Yes
28	5500	23	1.1	172	Yes
29	5500	25	2.4	201	Yes
30	5500	26	3	180	No

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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	6.2	271	Yes
2	5500	18	9.2	360	Yes
3	5500	16	6.9	257	Yes
4	5500	18	9	265	Yes
5	5500	17	7.5	207	Yes
6	5500	18	9.2	290	Yes
7	5500	16	6.2	460	Yes
8	5500	18	9.7	312	Yes
9	5500	18	9.8	363	No
10	5500	18	9.6	293	Yes
11	5500	18	9	493	Yes
12	5500	17	8	438	Yes
13	5500	18	8.8	337	Yes
14	5500	17	8	282	Yes
15	5500	17	8.4	332	Yes
16	5500	18	9.6	457	Yes
17	5500	18	8.8	241	Yes
18	5500	18	9.8	485	Yes
19	5500	16	6.9	288	Yes
20	5500	17	7.7	320	Yes
21	5500	17	7.9	385	Yes
22	5500	18	10	245	Yes
23	5500	18	9.3	301	Yes
24	5500	16	6.5	347	Yes
25	5500	16	7.1	286	Yes
26	5500	16	6.5	280	No
27	5500	17	8.6	475	Yes
28	5500	16	6.1	200	Yes
29	5500	17	7.4	370	Yes
30	5500	17	8	458	Yes

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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	12	11.5	271	Yes
2	5500	15	18.1	360	Yes
3	5500	13	13.2	257	Yes
4	5500	15	17.6	265	No
5	5500	13	14.3	207	Yes
6	5500	16	18.3	290	Yes
7	5500	12	11.5	460	Yes
8	5500	16	19.2	312	Yes
9	5500	16	19.5	363	Yes
10	5500	16	19	293	No
11	5500	15	17.6	493	Yes
12	5500	14	15.5	438	No
13	5500	15	17.2	337	Yes
14	5500	14	15.4	282	Yes
15	5500	15	16.5	332	Yes
16	5500	16	19.2	457	Yes
17	5500	15	17.2	241	No
18	5500	16	19.4	485	Yes
19	5500	13	13.1	288	Yes
20	5500	14	14.8	320	Yes
21	5500	14	15.4	385	Yes
22	5500	16	20	245	Yes
23	5500	16	18.4	301	Yes
24	5500	12	12.1	347	Yes
25	5500	13	13.5	286	Yes
26	5500	12	12.1	280	No
27	5500	15	16.9	475	No
28	5500	12	11.3	200	No
29	5500	13	14.1	370	Yes
30	5500	14	15.5	458	Yes

Long Pulse Radar Test Waveforms
Radar Type 5_Trial 1

Data Sheet for FCC Radar Type 5						
Trial Number:		1		VSG Frequency(MHz):		5500
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	53.2	6			459314
2	3	89.6	6	998.4	1307.4	821434
3	1	62.1	6			1186533
4	3	86.8	6	919.2	1099.2	51133
5	2	68.6	6	1810.4		414158
6	3	90.2	6	1080.8	1125.8	776674
7	1	52.9	6			1141879
8	3	95.3	6	1248.7	1727.7	6431

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Radar Type 5_Trial 2

Data Sheet for FCC Radar Type 5						
Trial Number:		2		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	3	96.9	17	1340.1	1029.1	163511
2	3	94.4	17	1556.6	1284.6	324198
3	3	86.8	17	1042.2	1205.2	484699
4	2	75.2	17	1683.8		646027
5	3	84.2	17	1427.8	1526.8	143646
6	2	74.5	17	1760.5		304987
7	2	80.3	17	1816.7		465883
8	3	95.1	17	1243.9	1173.9	625495
9	3	84.3	17	1029.7	1748.7	123936
10	3	96.6	17	1090.4	1559.4	284669
11	1	61.8	17			447236
12	2	71.1	17	1366.9		607278
13	2	74.4	17	974.6		104457
14	3	99.8	17	925.2	1384.2	264840
15	3	90.9	17	1481.1	1014.1	425378
16	1	56.4	17			588812
17	1	64.1	17			84728
18	1	56.1	17			246100

Radar Type 5_Trial 3

Data Sheet for FCC Radar Type 5						
Trial Number:		3		VSG Frequency(MHz):		5500
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	2	82.8	8	1102.2		666579
2	1	52	8			931571
3	2	67.4	8	970.6		106031
4	2	75.1	8	1515.9		369972
5	2	80.4	8	1839.6		633702
6	3	88.9	8	1169.1	1465.1	896473
7	1	60.8	8			73640
8	1	57	8			337830
9	3	96.8	8	1565.2	1367.2	600209
10	3	97	8	1095	1003	864171
11	2	68.9	8	1875.1		41002

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Radar Type 5_Trial 4

Data Sheet for FCC Radar Type 5						
Trial Number:		4		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	92.1	16	917.9	1647.9	196661
2	1	57.7	16			368454
3	1	63.3	16			538834
4	3	84.8	16	1677.2	958.2	5499
5	2	71.3	16	1326.7		176130
6	1	59.3	16			347347
7	3	98.5	16	1485.5	1896.5	515465
8	1	60.6	16			688722
9	1	52.2	16			155360
10	3	87	16	1859	1298	324415
11	1	59.4	16			497001
12	3	95	16	1107	1462	664738
13	2	77.8	16	1085.2		134020
14	3	88.2	16	1126.8	913.8	304178
15	2	81.5	16	1414.5		474730
16	3	96	16	1409	1457	644296
17	2	72.1	16	1714.9		112918

Radar Type 5_Trial 5

Data Sheet for FCC Radar Type 5						
Trial Number:		5		VSG Frequency(MHz):		5500
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	88.3	10	1788.7	1844.7	401291
2	1	53.5	10			644528
3	3	98.7	10	1295.3	1867.3	883873
4	1	55.7	10			130699
5	2	72.7	10	1011.3		372566
6	1	62.5	10			614976
7	1	57.3	10			857127
8	1	50.8	10			100816
9	2	77.9	10	1276.1		342628
10	2	71.7	10	1359.3		584328
11	1	63.9	10			827704
12	3	97.9	10	1501.1	1557.1	70803

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Radar Type 5_Trial 6

Data Sheet for FCC Radar Type 5						
Trial Number:		6		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	64.4	17			208665
2	2	77.2	17	1504.8		369289
3	2	77.8	17	1610.2		529738
4	3	83.4	17	1767.6	1416.6	27312
5	2	76.2	17	1082.8		188429
6	3	92.2	17	1400.8	1080.8	348828
7	3	88.9	17	1327.1	934.1	509666
8	3	98.5	17	1247.5	1419.5	7537
9	3	86.3	17	1852.7	1317.7	168095
10	1	53	17			329982
11	3	90.4	17	1488.6	1879.6	489261
12	3	92.4	17	1382.6	1602.6	649287
13	3	95.8	17	1877.2	1770.2	148111
14	1	61.8	17			310145
15	2	69.1	17	1109.9		470854
16	2	73.4	17	1512.6		631023
17	1	57	17			129050
18	3	89.6	17	1541.4	1462.4	289166

Radar Type 5_Trial 7

Data Sheet for FCC Radar Type 5						
Trial Number:		7		VSG Frequency(MHz):		5500
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	86.9	5	1260.1	1123.1	1016169
2	3	99	5	948	1257	1379189
3	3	92.9	5	1014.1	1224.1	245822
4	3	88.7	5	952.3	1503.3	608513
5	2	68.7	5	1721.3		971813
6	3	93.3	5	1350.7	1052.7	1334356
7	3	98.3	5	1701.7	1233.7	201008
8	1	63.2	5			564898

Radar Type 5_Trial 8

Data Sheet for FCC Radar Type 5						
Trial Number:		8		VSG Frequency(MHz):		5500
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	69.4	19	1794.6		389132
2	3	95.2	19	1271.8	1425.8	540635
3	1	55.9	19			65824
4	3	84	19	1874	1015	217529
5	3	93.5	19	1125.5	1080.5	369977
6	3	87.6	19	1060.4	1753.4	521468
7	3	84.6	19	1824.4	1799.4	46743
8	1	62.8	19			199972
9	3	87.9	19	1754.1	1066.1	351062
10	1	59.7	19			505236
11	2	81.7	19	1656.3		28162
12	1	61.6	19			180959
13	1	51.6	19			333991
14	3	96.1	19	1048.9	1758.9	484225
15	3	92.7	19	1601.3	1625.3	9343
16	3	97.6	19	1840.4	1700.4	161123
17	3	85.8	19	1252.2	1287.2	313724
18	3	85.2	19	1184.8	1385.8	466069
19	1	63.1	19			620197

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Radar Type 5_Trial 9

Data Sheet for FCC Radar Type 5						
Trial Number:		9		VSG Frequency(MHz):		5500
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	56.2	19			136162
2	1	59.9	19			281247
3	1	60.8	19			426683
4	3	93.4	19	1383.6	1869.6	568139
5	3	84	19	1161	1884	117631
6	3	93.9	19	1033.1	1110.1	262537
7	3	88.3	19	1813.7	1480.7	406272
8	3	84.9	19	1553.1	1600.1	550915
9	1	65	19			100358
10	1	55	19			245755
11	2	75.7	19	1077.3		389803
12	1	58.5	19			536040
13	3	84.5	19	1698.5	1678.5	82003
14	3	85.1	19	1705.9	1434.9	226312
15	1	62.9	19			373153
16	2	72.7	19	1490.3		516368
17	3	93.7	19	1554.3	1378.3	64309
18	3	92.6	19	1664.4	971.4	208779
19	1	52.3	19			354793
20	1	59.6	19			500384

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Radar Type 5_Trial 10

Data Sheet for FCC Radar Type 5						
Trial Number:		10		VSG Frequency(MHz):		5500
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	52.8	19			49260
2	1	57.8	19			202140
3	2	83	19	1305		353936
4	2	74	19	1861		506007
5	1	59.4	19			30431
6	3	91.7	19	1575.3	1588.3	182322
7	3	95.4	19	1337.6	1334.6	334546
8	3	88	19	1165	1070	487057
9	3	90.9	19	1684.1	983.1	11563
10	1	56.2	19			164446
11	3	95.4	19	1197.6	1185.6	315733
12	1	52.9	19			470176
13	3	83.5	19	1579.5	1373.5	619668
14	2	80.1	19	1089.9		145363
15	3	92.1	19	1575.9	952.9	297174
16	1	53.3	19			451187
17	1	58.6	19			604463
18	1	51.7	19			126753
19	2	71.9	19	1641.1		278960

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Radar Type 5_Trial 11

Data Sheet for FCC Radar Type 5						
Trial Number:		11		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	3	90.1	16	1138.9	1217.9	481413
2	1	55.1	16			653906
3	1	52.7	16			120632
4	2	69.5	16	1710.5		290690
5	1	57.7	16			462185
6	1	62.1	16			633007
7	1	51.2	16			99602
8	3	97.2	16	1470.8	919.8	269538
9	2	76.6	16	1901.4		440016
10	3	88.7	16	998.3	1593.3	609479
11	2	73.3	16	1224.7		78521
12	3	99	16	1094	1119	248546
13	1	55	16			420349
14	3	83.5	16	1775.5	1797.5	587997
15	2	75.6	16	1036.4		57466
16	1	60.3	16			228380
17	3	98.4	16	1427.6	1124.6	397604

Radar Type 5_Trial 12

Data Sheet for FCC Radar Type 5						
Trial Number:		12		VSG Frequency(MHz):		5505.2
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	2	76.9	13	1672.1		691148
2	3	86.9	13	941.1	950.1	44260
3	3	84	13	1379	1518	251083
4	3	92.4	13	1787.6	1001.6	457737
5	3	98.5	13	1022.5	1330.5	664724
6	1	50.3	13			18810
7	3	94	13	1567	1362	225484
8	1	58.7	13			433775
9	1	59.7	13			641135
10	2	72.8	13	1386.2		847055
11	2	75.1	13	1627.9		200267
12	1	54.4	13			408278
13	3	93	13	1463	1097	613649
14	1	59.6	13			823457

Radar Type 5_Trial 13

Data Sheet for FCC Radar Type 5						
Trial Number:		13		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	64.1	15			153202
2	3	92	15	966	1481	333417
3	2	70.6	15	1188.4		515668
4	1	62.2	15			697688
5	1	54.4	15			130940
6	1	50	15			312396
7	3	88.4	15	1699.6	1680.6	491494
8	2	75.3	15	1458.7		674401
9	1	61.8	15			108536
10	1	58.1	15			290240
11	3	94.5	15	1530.5	1329.5	469678
12	2	68.7	15	1006.3		652215
13	3	99.4	15	982.6	1080.6	85877
14	2	67.6	15	1179.4		267155
15	1	57.3	15			448973
16	3	90.3	15	1199.7	1206.7	628339

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Radar Type 5_Trial 14

Data Sheet for FCC Radar Type 5						
Trial Number:		14		VSG Frequency(MHz):		5504.8
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	2	69.4	12	1677.6		72808
2	1	57.9	12			280627
3	2	69.8	12	1504.2		486976
4	3	93.7	12	1045.3	1162.3	693801
5	2	76.5	12	1777.5		47300
6	2	71.7	12	1824.3		254267
7	2	67.8	12	1359.2		461607
8	2	79.6	12	1637.4		668524
9	3	91.7	12	1031.3	1334.3	21773
10	1	54.8	12			229278
11	1	58.8	12			437015
12	1	60.7	12			644496
13	3	98.1	12	1728.9	957.9	849306
14	3	89.4	12	1400.6	1263.6	203056

Radar Type 5_Trial 15

Data Sheet for FCC Radar Type 5						
Trial Number:		15		VSG Frequency(MHz):		5505.6
Number of Bursts in Trial:			15		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	76.2	14	1217.8		383368
2	3	92.8	14	1814.2	1185.2	574892
3	3	83.7	14	1300.3	1324.3	768520
4	2	79	14	1089		166183
5	1	59.2	14			359935
6	1	57	14			553490
7	3	84.5	14	1451.5	1328.5	744859
8	2	71.2	14	1404.8		142291
9	2	71.1	14	985.9		335518
10	1	60.2	14			529838
11	1	60	14			723720
12	1	51.6	14			118619
13	2	75	14	1128		311772
14	2	75.8	14	1749.2		504866
15	3	97.9	14	1243.1	1859.1	696515

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Radar Type 5_Trial 16

Data Sheet for FCC Radar Type 5						
Trial Number:		16		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	79.7	19	1520.3		74561
2	1	50.9	19			227754
3	2	76.4	19	978.6		379515
4	1	51.3	19			532896
5	2	69.4	19	1674.6		55798
6	1	53.3	19			208795
7	2	67.1	19	985.9		360960
8	3	84.6	19	1834.4	1907.4	511221
9	3	99.3	19	915.7	1207.7	37023
10	2	83.2	19	1073.8		189717
11	3	92.4	19	1531.6	1813.6	340813
12	2	74.1	19	1579.9		494006
13	3	91	19	1546	1227	18219
14	2	70.6	19	1858.4		170549
15	3	99.7	19	1614.3	1219.3	322579
16	3	91.3	19	1634.7	1156.7	474230
17	2	77.6	19	1042.4		628603
18	2	77.2	19	1294.8		151957
19	2	72.5	19	1144.5		304348

Radar Type 5_Trial 17

Data Sheet for FCC Radar Type 5						
Trial Number:		17		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	2	82	15	969		543472
2	1	51.7	15			725146
3	3	85.1	15	1693.9	999.9	158028
4	2	70.3	15	1105.7		339426
5	1	58.3	15			521318
6	1	50.3	15			703266
7	1	55.8	15			136114
8	3	98.3	15	1307.7	1849.7	316257
9	3	86.9	15	976.1	1804.1	497212
10	1	59.5	15			681054
11	3	83.7	15	1447.3	1116.3	113373
12	2	74.8	15	943.2		294796
13	3	96.8	15	1796.2	945.2	475285
14	3	92	15	1825	1003	656139
15	2	81.7	15	1819.3		91236
16	1	61.9	15			273109

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Radar Type 5_Trial 18

Data Sheet for FCC Radar Type 5						
Trial Number:		18		VSG Frequency(MHz):		5507.6
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	53.8	19			363616
2	2	82.4	19	1337.6		507450
3	1	59.4	19			55233
4	2	78.7	19	1788.3		199696
5	3	86	19	1910	1890	343053
6	1	59	19			490862
7	1	58.1	19			37402
8	3	84.4	19	1752.6	1191.6	181734
9	3	95.9	19	1615.1	1620.1	325962
10	2	66.9	19	1207.1		472008
11	2	82.9	19	1529.1		19442
12	3	93.5	19	1351.5	1715.5	163704
13	1	50.6	19			309892
14	2	71.5	19	1238.5		454151
15	2	69	19	1393		1625
16	2	82.5	19	1576.5		146435
17	2	74.4	19	1121.6		291312
18	1	52.5	19			437218
19	3	93.8	19	1678.2	1434.2	578944
20	3	96.2	19	1084.8	1798.8	128344

Radar Type 5_Trial 19

Data Sheet for FCC Radar Type 5						
Trial Number:		19		VSG Frequency(MHz):		5503.2
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	3	94.6	8	1308.4	1690.4	497477
2	2	80.7	8	1165.3		762444
3	2	68	8	1186		1026116
4	1	51	8			202167
5	1	63.5	8			466395
6	1	55.1	8			730369
7	2	80.3	8	1563.7		993228
8	2	75.1	8	1122.9		169322
9	1	65.6	8			433563
10	1	58.3	8			698062
11	3	95.7	8	1176.3	1373.3	959946

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Radar Type 5_Trial 20

Data Sheet for FCC Radar Type 5						
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	82.2	11	1328.8		115675
2	1	59.2	11			339298
3	1	58.6	11			562656
4	3	95.8	11	1237.2	971.2	784346
5	1	58.8	11			88370
6	2	68.2	11	1676.8		311242
7	3	98.6	11	1112.4	1558.4	533540
8	3	86.5	11	1841.5	1844.5	755808
9	2	73	11	995		60765
10	3	93.6	11	1730.4	1509.4	283302
11	1	50.7	11			507804
12	2	74.4	11	961.6		730324
13	3	91.5	11	1673.5	1896.5	33175

Radar Type 5_Trial 21

Data Sheet for FCC Radar Type 5						
Trial Number:		21		VSG Frequency(MHz):		5495.2
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	2	67.5	12	1421.5		237889
2	1	62.4	12			446108
3	3	97.6	12	1252.4	1660.4	651045
4	1	65.3	12			5352
5	3	90.6	12	1753.4	1878.4	211813
6	1	51.1	12			420256
7	1	50.4	12			627877
8	3	94.2	12	1365.8	1360.8	832373
9	3	98.2	12	1730.8	1131.8	186588
10	3	85.6	12	1750.4	1763.4	392961
11	2	67.3	12	1835.7		601128
12	2	73.2	12	960.8		808645
13	1	64.3	12			161806
14	1	58.3	12			369422

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Radar Type 5_Trial 22

Data Sheet for FCC Radar Type 5						
Trial Number:		22		VSG Frequency(MHz):		5492
Number of Bursts in Trial:			20		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	65.1	20			403594
2	2	80.9	20	1458.1		547087
3	2	78.7	20	1724.3		94947
4	2	83	20	1724		239833
5	2	68.7	20	1034.3		384648
6	3	87.5	20	1176.5	1347.5	528248
7	2	71.2	20	1408.8		77213
8	1	50.6	20			222635
9	3	84.2	20	1455.8	1224.8	366185
10	3	92	20	1407	1816	509720
11	2	75.8	20	1230.2		59401
12	1	60.1	20			204585
13	1	64.3	20			349682
14	2	75.8	20	1465.2		493924
15	1	66	20			41647
16	2	70.8	20	1423.2		186439
17	1	52.5	20			331832
18	3	93.9	20	1602.1	1793.1	473933
19	1	56.2	20			23748
20	2	76.6	20	1357.4		168585

Radar Type 5_Trial 23

Data Sheet for FCC Radar Type 5						
Trial Number:		23		VSG Frequency(MHz):		5492.8
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	83.5	18	1141.5	1876.5	347257
2	1	51.1	18			510455
3	1	57.5	18			6514
4	1	64.9	18			167727
5	3	84.6	18	1654.4	1614.4	327341
6	1	64.4	18			490380
7	1	57.8	18			651329
8	1	51.4	18			147922
9	3	84	18	1804	1013	308079
10	2	73.7	18	1905.3		469204
11	3	91.4	18	1530.6	1451.6	629026
12	2	72.5	18	1394.5		127795
13	3	94.5	18	1651.5	927.5	288214
14	1	59.8	18			450519
15	3	83.5	18	1558.5	1856.5	608587
16	1	55.6	18			108227
17	3	94.3	18	988.7	1379.7	268511
18	1	60.6	18			430733

Radar Type 5_Trial 24

Data Sheet for FCC Radar Type 5						
Trial Number:		24		VSG Frequency(MHz):		5497.2
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	2	82.1	7	1253.9		1184478
2	3	87	7	1424	1783	176431
3	2	70.2	7	995.8		499421
4	2	66.8	7	1217.2		822029
5	2	78.2	7	1314.8		1145080
6	1	55.6	7			137108
7	3	89.6	7	1607.4	942.4	459079
8	2	80.4	7	1784.6		781771
9	3	86.9	7	1756.1	1643.1	1103279

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Radar Type 5_Trial 25

Data Sheet for FCC Radar Type 5						
Trial Number:		25		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	2	74.6	9	1673.4		79513
2	2	78.1	9	1898.9		343326
3	2	77.4	9	1380.6		607224
4	2	83.1	9	1606.9		870860
5	2	73.5	9	1076.5		47039
6	2	66.9	9	1441.1		310982
7	3	87.8	9	1587.2	1260.2	573662
8	2	74.8	9	1224.2		838445
9	1	63.9	9			14527
10	2	73.3	9	1121.7		278481
11	1	63.7	9			542820

Radar Type 5_Trial 26

Data Sheet for FCC Radar Type 5						
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	3	98.5	6	1770.5	1754.5	984387
2	1	54.2	6			1309680
3	2	79.6	6	1836.4		300461
4	2	69.8	6	1422.2		623132
5	2	66.7	6	1170.3		946283
6	1	60.5	6			1269536
7	1	50.6	6			261275
8	1	53.2	6			584228
9	1	65.6	6			907546

Radar Type 5_Trial 27

Data Sheet for FCC Radar Type 5						
Trial Number:		27		VSG Frequency(MHz):		5494
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	54.4	15			691462
2	3	92.4	15	1521.6	1696.6	123813
3	1	60.4	15			305771
4	2	76.5	15	1841.5		486181
5	3	92	15	1853	1290	666478
6	1	61.8	15			102006
7	2	69.3	15	1828.7		282780
8	1	56.3	15			465445
9	2	66.7	15	1067.3		645845
10	2	72.9	15	1116.1		79615
11	1	51.9	15			261092
12	2	75.3	15	1502.7		442137
13	1	54.1	15			624512
14	2	77.5	15	1436.5		57262
15	2	83.3	15	1212.7		238468
16	2	73.3	15	995.7		419960

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Radar Type 5_Trial 28

Data Sheet for FCC Radar Type 5						
Trial Number:		28		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	1	56.6	5			1204947
2	3	90.6	5	1569.4	1073.4	69914
3	2	67.8	5	1182.2		433042
4	1	55.6	5			796930
5	1	56.7	5			1160679
6	3	85	5	942	924	25243
7	2	69.5	5	1294.5		388398
8	2	82.4	5	1481.6		751251

Radar Type 5_Trial 29

Data Sheet for FCC Radar Type 5						
Trial Number:		29		VSG Frequency(MHz):		5496
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	80.5	10	1270.5		742202
2	1	62.1	10			985899
3	2	77.8	10	1877.2		228650
4	1	57.3	10			471433
5	1	50.4	10			713779
6	1	50	10			955770
7	2	67.6	10	1159.4		199024
8	1	54.9	10			441427
9	3	86.4	10	1112.6	1787.6	681917
10	1	64.8	10			925532
11	2	82.4	10	1685.6		169151
12	2	82.3	10	1522.7		411022

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Radar Type 5_Trial 30

Data Sheet for FCC Radar Type 5						
Trial Number:		30		VSG Frequency(MHz):		5494.8
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	2	67.7	13	1744.3		559141
2	1	50.8	13			767953
3	3	91.2	13	937.8	1171.8	119382
4	1	61.7	13			327124
5	3	97.6	13	1397.4	962.4	533226
6	2	81.5	13	1154.5		740954
7	1	58.1	13			94102
8	3	91.1	13	1599.9	1415.9	300600
9	2	71.3	13	1106.7		508326
10	3	88.4	13	1409.6	1430.6	714290
11	3	94.4	13	1157.6	1056.6	68412
12	2	76.7	13	1340.3		275776
13	3	96.4	13	1154.6	1169.6	481944
14	3	96.5	13	1885.5	1342.5	687978

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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	No
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	No
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

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< 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	2	1858.7	538	A	Yes
2	5510	14	1285.3	778	A	Yes
3	5510	5	1672.2	598	A	Yes
4	5510	9	1474.9	678	A	Yes
5	5510	6	1618.1	618	A	Yes
6	5510	4	1730.1	578	A	No
7	5510	16	1222.5	818	A	Yes
8	5510	12	1355	738	A	Yes
9	5510	22	1066.1	938	A	Yes
10	5510	17	1193.3	838	A	Yes
11	5510	3	1792.1	558	A	Yes
12	5510	18	1165.5	858	A	Yes
13	5510	7	1567.4	638	A	Yes
14	5510	15	1253.1	798	A	Yes
15	5510	23	326.2	3066	A	Yes
16	5510	-	727.8	1374	B	Yes
17	5510	-	531.6	1881	B	Yes
18	5510	-	1194.7	837	B	Yes
19	5510	-	327.5	3053	B	Yes
20	5510	-	819	1221	B	Yes
21	5510	-	1075.3	930	B	No
22	5510	-	455	2198	B	Yes
23	5510	-	492.9	2029	B	Yes
24	5510	-	432.5	2312	B	No
25	5510	-	963.4	1038	B	Yes
26	5510	-	598.4	1671	B	Yes
27	5510	-	523	1912	B	Yes
28	5510	-	1278.8	782	B	Yes
29	5510	-	364.8	2741	B	No
30	5510	-	465.1	2150	B	Yes

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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	23	1.2	204	Yes
2	5510	28	4.2	154	Yes
3	5510	24	1.9	169	Yes
4	5510	28	4	166	Yes
5	5510	25	2.5	186	Yes
6	5510	28	4.2	162	Yes
7	5510	23	1.2	195	Yes
8	5510	29	4.7	208	Yes
9	5510	29	4.8	219	Yes
10	5510	29	4.6	221	Yes
11	5510	28	4	198	Yes
12	5510	26	3	210	Yes
13	5510	27	3.8	215	No
14	5510	26	3	184	Yes
15	5510	27	3.4	176	Yes
16	5510	29	4.6	155	Yes
17	5510	27	3.8	200	Yes
18	5510	29	4.8	174	Yes
19	5510	24	1.9	160	Yes
20	5510	25	2.7	189	Yes
21	5510	26	2.9	151	Yes
22	5510	29	5	159	Yes
23	5510	28	4.3	170	No
24	5510	23	1.5	164	Yes
25	5510	24	2.1	230	Yes
26	5510	23	1.5	197	Yes
27	5510	27	3.6	226	Yes
28	5510	23	1.1	172	Yes
29	5510	25	2.4	201	Yes
30	5510	26	3	180	Yes

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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	6.2	271	Yes
2	5510	18	9.2	360	Yes
3	5510	16	6.9	257	Yes
4	5510	18	9	265	Yes
5	5510	17	7.5	207	Yes
6	5510	18	9.2	290	No
7	5510	16	6.2	460	Yes
8	5510	18	9.7	312	Yes
9	5510	18	9.8	363	Yes
10	5510	18	9.6	293	Yes
11	5510	18	9	493	Yes
12	5510	17	8	438	Yes
13	5510	18	8.8	337	Yes
14	5510	17	8	282	Yes
15	5510	17	8.4	332	Yes
16	5510	18	9.6	457	Yes
17	5510	18	8.8	241	Yes
18	5510	18	9.8	485	Yes
19	5510	16	6.9	288	Yes
20	5510	17	7.7	320	No
21	5510	17	7.9	385	Yes
22	5510	18	10	245	Yes
23	5510	18	9.3	301	No
24	5510	16	6.5	347	No
25	5510	16	7.1	286	Yes
26	5510	16	6.5	280	No
27	5510	17	8.6	475	Yes
28	5510	16	6.1	200	Yes
29	5510	17	7.4	370	Yes
30	5510	17	8	458	Yes

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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	12	11.5	271	Yes
2	5510	15	18.1	360	Yes
3	5510	13	13.2	257	Yes
4	5510	15	17.6	265	Yes
5	5510	13	14.3	207	No
6	5510	16	18.3	290	Yes
7	5510	12	11.5	460	Yes
8	5510	16	19.2	312	Yes
9	5510	16	19.5	363	Yes
10	5510	16	19	293	Yes
11	5510	15	17.6	493	Yes
12	5510	14	15.5	438	Yes
13	5510	15	17.2	337	Yes
14	5510	14	15.4	282	Yes
15	5510	15	16.5	332	Yes
16	5510	16	19.2	457	Yes
17	5510	15	17.2	241	Yes
18	5510	16	19.4	485	Yes
19	5510	13	13.1	288	Yes
20	5510	14	14.8	320	Yes
21	5510	14	15.4	385	Yes
22	5510	16	20	245	Yes
23	5510	16	18.4	301	Yes
24	5510	12	12.1	347	Yes
25	5510	13	13.5	286	Yes
26	5510	12	12.1	280	No
27	5510	15	16.9	475	Yes
28	5510	12	11.3	200	Yes
29	5510	13	14.1	370	No
30	5510	14	15.5	458	Yes

Long Pulse Radar Test Waveforms

Radar Type 5_Trial 1

Data Sheet for FCC Radar Type 5						
Trial Number:		1		VSG Frequency(MHz):		5510
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	53.2	6			459314
2	3	89.6	6	998.4	1307.4	821434
3	1	62.1	6			1186533
4	3	86.8	6	919.2	1099.2	51133
5	2	68.6	6	1810.4		414158
6	3	90.2	6	1080.8	1125.8	776674
7	1	52.9	6			1141879
8	3	95.3	6	1248.7	1727.7	6431

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Radar Type 5_Trial 2

Data Sheet for FCC Radar Type 5						
Trial Number:		2		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	3	96.9	17	1340.1	1029.1	163511
2	3	94.4	17	1556.6	1284.6	324198
3	3	86.8	17	1042.2	1205.2	484699
4	2	75.2	17	1683.8		646027
5	3	84.2	17	1427.8	1526.8	143646
6	2	74.5	17	1760.5		304987
7	2	80.3	17	1816.7		465883
8	3	95.1	17	1243.9	1173.9	625495
9	3	84.3	17	1029.7	1748.7	123936
10	3	96.6	17	1090.4	1559.4	284669
11	1	61.8	17			447236
12	2	71.1	17	1366.9		607278
13	2	74.4	17	974.6		104457
14	3	99.8	17	925.2	1384.2	264840
15	3	90.9	17	1481.1	1014.1	425378
16	1	56.4	17			588812
17	1	64.1	17			84728
18	1	56.1	17			246100

Radar Type 5_Trial 3

Data Sheet for FCC Radar Type 5						
Trial Number:		3		VSG Frequency(MHz):		5510
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	2	82.8	8	1102.2		666579
2	1	52	8			931571
3	2	67.4	8	970.6		106031
4	2	75.1	8	1515.9		369972
5	2	80.4	8	1839.6		633702
6	3	88.9	8	1169.1	1465.1	896473
7	1	60.8	8			73640
8	1	57	8			337830
9	3	96.8	8	1565.2	1367.2	600209
10	3	97	8	1095	1003	864171
11	2	68.9	8	1875.1		41002

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Radar Type 5_Trial 4

Data Sheet for FCC Radar Type 5						
Trial Number:		4		VSG Frequency(MHz):		5510
Number of Bursts in Trial:			17		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	92.1	16	917.9	1647.9	196661
2	1	57.7	16			368454
3	1	63.3	16			538834
4	3	84.8	16	1677.2	958.2	5499
5	2	71.3	16	1326.7		176130
6	1	59.3	16			347347
7	3	98.5	16	1485.5	1896.5	515465
8	1	60.6	16			688722
9	1	52.2	16			155360
10	3	87	16	1859	1298	324415
11	1	59.4	16			497001
12	3	95	16	1107	1462	664738
13	2	77.8	16	1085.2		134020
14	3	88.2	16	1126.8	913.8	304178
15	2	81.5	16	1414.5		474730
16	3	96	16	1409	1457	644296
17	2	72.1	16	1714.9		112918

Radar Type 5_Trial 5

Data Sheet for FCC Radar Type 5						
Trial Number:		5		VSG Frequency(MHz):		5510
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	88.3	10	1788.7	1844.7	401291
2	1	53.5	10			644528
3	3	98.7	10	1295.3	1867.3	883873
4	1	55.7	10			130699
5	2	72.7	10	1011.3		372566
6	1	62.5	10			614976
7	1	57.3	10			857127
8	1	50.8	10			100816
9	2	77.9	10	1276.1		342628
10	2	71.7	10	1359.3		584328
11	1	63.9	10			827704
12	3	97.9	10	1501.1	1557.1	70803

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Radar Type 5_Trial 6

Data Sheet for FCC Radar Type 5						
Trial Number:		6		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	64.4	17			208665
2	2	77.2	17	1504.8		369289
3	2	77.8	17	1610.2		529738
4	3	83.4	17	1767.6	1416.6	27312
5	2	76.2	17	1082.8		188429
6	3	92.2	17	1400.8	1080.8	348828
7	3	88.9	17	1327.1	934.1	509666
8	3	98.5	17	1247.5	1419.5	7537
9	3	86.3	17	1852.7	1317.7	168095
10	1	53	17			329982
11	3	90.4	17	1488.6	1879.6	489261
12	3	92.4	17	1382.6	1602.6	649287
13	3	95.8	17	1877.2	1770.2	148111
14	1	61.8	17			310145
15	2	69.1	17	1109.9		470854
16	2	73.4	17	1512.6		631023
17	1	57	17			129050
18	3	89.6	17	1541.4	1462.4	289166

Radar Type 5_Trial 7

Data Sheet for FCC Radar Type 5						
Trial Number:		7		VSG Frequency(MHz):		5510
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	86.9	5	1260.1	1123.1	1016169
2	3	99	5	948	1257	1379189
3	3	92.9	5	1014.1	1224.1	245822
4	3	88.7	5	952.3	1503.3	608513
5	2	68.7	5	1721.3		971813
6	3	93.3	5	1350.7	1052.7	1334356
7	3	98.3	5	1701.7	1233.7	201008
8	1	63.2	5			564898

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Radar Type 5_Trial 8

Data Sheet for FCC Radar Type 5						
Trial Number:		8		VSG Frequency(MHz):		5510
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	69.4	19	1794.6		389132
2	3	95.2	19	1271.8	1425.8	540635
3	1	55.9	19			65824
4	3	84	19	1874	1015	217529
5	3	93.5	19	1125.5	1080.5	369977
6	3	87.6	19	1060.4	1753.4	521468
7	3	84.6	19	1824.4	1799.4	46743
8	1	62.8	19			199972
9	3	87.9	19	1754.1	1066.1	351062
10	1	59.7	19			505236
11	2	81.7	19	1656.3		28162
12	1	61.6	19			180959
13	1	51.6	19			333991
14	3	96.1	19	1048.9	1758.9	484225
15	3	92.7	19	1601.3	1625.3	9343
16	3	97.6	19	1840.4	1700.4	161123
17	3	85.8	19	1252.2	1287.2	313724
18	3	85.2	19	1184.8	1385.8	466069
19	1	63.1	19			620197

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Radar Type 5_Trial 9

Data Sheet for FCC Radar Type 5						
Trial Number:		9		VSG Frequency(MHz):		5510
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	56.2	19			136162
2	1	59.9	19			281247
3	1	60.8	19			426683
4	3	93.4	19	1383.6	1869.6	568139
5	3	84	19	1161	1884	117631
6	3	93.9	19	1033.1	1110.1	262537
7	3	88.3	19	1813.7	1480.7	406272
8	3	84.9	19	1553.1	1600.1	550915
9	1	65	19			100358
10	1	55	19			245755
11	2	75.7	19	1077.3		389803
12	1	58.5	19			536040
13	3	84.5	19	1698.5	1678.5	82003
14	3	85.1	19	1705.9	1434.9	226312
15	1	62.9	19			373153
16	2	72.7	19	1490.3		516368
17	3	93.7	19	1554.3	1378.3	64309
18	3	92.6	19	1664.4	971.4	208779
19	1	52.3	19			354793
20	1	59.6	19			500384

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Radar Type 5_Trial 10

Data Sheet for FCC Radar Type 5						
Trial Number:		10		VSG Frequency(MHz):		5510
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	52.8	19			49260
2	1	57.8	19			202140
3	2	83	19	1305		353936
4	2	74	19	1861		506007
5	1	59.4	19			30431
6	3	91.7	19	1575.3	1588.3	182322
7	3	95.4	19	1337.6	1334.6	334546
8	3	88	19	1165	1070	487057
9	3	90.9	19	1684.1	983.1	11563
10	1	56.2	19			164446
11	3	95.4	19	1197.6	1185.6	315733
12	1	52.9	19			470176
13	3	83.5	19	1579.5	1373.5	619668
14	2	80.1	19	1089.9		145363
15	3	92.1	19	1575.9	952.9	297174
16	1	53.3	19			451187
17	1	58.6	19			604463
18	1	51.7	19			126753
19	2	71.9	19	1641.1		278960

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Radar Type 5_Trial 11

Data Sheet for FCC Radar Type 5						
Trial Number:		11		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	3	90.1	16	1138.9	1217.9	481413
2	1	55.1	16			653906
3	1	52.7	16			120632
4	2	69.5	16	1710.5		290690
5	1	57.7	16			462185
6	1	62.1	16			633007
7	1	51.2	16			99602
8	3	97.2	16	1470.8	919.8	269538
9	2	76.6	16	1901.4		440016
10	3	88.7	16	998.3	1593.3	609479
11	2	73.3	16	1224.7		78521
12	3	99	16	1094	1119	248546
13	1	55	16			420349
14	3	83.5	16	1775.5	1797.5	587997
15	2	75.6	16	1036.4		57466
16	1	60.3	16			228380
17	3	98.4	16	1427.6	1124.6	397604

Radar Type 5_Trial 12

Data Sheet for FCC Radar Type 5						
Trial Number:		12		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	2	76.9	13	1672.1		691148
2	3	86.9	13	941.1	950.1	44260
3	3	84	13	1379	1518	251083
4	3	92.4	13	1787.6	1001.6	457737
5	3	98.5	13	1022.5	1330.5	664724
6	1	50.3	13			18810
7	3	94	13	1567	1362	225484
8	1	58.7	13			433775
9	1	59.7	13			641135
10	2	72.8	13	1386.2		847055
11	2	75.1	13	1627.9		200267
12	1	54.4	13			408278
13	3	93	13	1463	1097	613649
14	1	59.6	13			823457

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Radar Type 5_Trial 13

Data Sheet for FCC Radar Type 5						
Trial Number:		13		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	64.1	15			153202
2	3	92	15	966	1481	333417
3	2	70.6	15	1188.4		515668
4	1	62.2	15			697688
5	1	54.4	15			130940
6	1	50	15			312396
7	3	88.4	15	1699.6	1680.6	491494
8	2	75.3	15	1458.7		674401
9	1	61.8	15			108536
10	1	58.1	15			290240
11	3	94.5	15	1530.5	1329.5	469678
12	2	68.7	15	1006.3		652215
13	3	99.4	15	982.6	1080.6	85877
14	2	67.6	15	1179.4		267155
15	1	57.3	15			448973
16	3	90.3	15	1199.7	1206.7	628339

Radar Type 5_Trial 14

Data Sheet for FCC Radar Type 5						
Trial Number:		14		VSG Frequency(MHz):		5514.8
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	2	69.4	12	1677.6		72808
2	1	57.9	12			280627
3	2	69.8	12	1504.2		486976
4	3	93.7	12	1045.3	1162.3	693801
5	2	76.5	12	1777.5		47300
6	2	71.7	12	1824.3		254267
7	2	67.8	12	1359.2		461607
8	2	79.6	12	1637.4		668524
9	3	91.7	12	1031.3	1334.3	21773
10	1	54.8	12			229278
11	1	58.8	12			437015
12	1	60.7	12			644496
13	3	98.1	12	1728.9	957.9	849306
14	3	89.4	12	1400.6	1263.6	203056

Radar Type 5_Trial 15

Data Sheet for FCC Radar Type 5						
Trial Number:		15		VSG Frequency(MHz):		5515.6
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	76.2	14	1217.8		383368
2	3	92.8	14	1814.2	1185.2	574892
3	3	83.7	14	1300.3	1324.3	768520
4	2	79	14	1089		166183
5	1	59.2	14			359935
6	1	57	14			553490
7	3	84.5	14	1451.5	1328.5	744859
8	2	71.2	14	1404.8		142291
9	2	71.1	14	985.9		335518
10	1	60.2	14			529838
11	1	60	14			723720
12	1	51.6	14			118619
13	2	75	14	1128		311772
14	2	75.8	14	1749.2		504866
15	3	97.9	14	1243.1	1859.1	696515

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Radar Type 5_Trial 16

Data Sheet for FCC Radar Type 5						
Trial Number:		16		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	79.7	19	1520.3		74561
2	1	50.9	19			227754
3	2	76.4	19	978.6		379515
4	1	51.3	19			532896
5	2	69.4	19	1674.6		55798
6	1	53.3	19			208795
7	2	67.1	19	985.9		360960
8	3	84.6	19	1834.4	1907.4	511221
9	3	99.3	19	915.7	1207.7	37023
10	2	83.2	19	1073.8		189717
11	3	92.4	19	1531.6	1813.6	340813
12	2	74.1	19	1579.9		494006
13	3	91	19	1546	1227	18219
14	2	70.6	19	1858.4		170549
15	3	99.7	19	1614.3	1219.3	322579
16	3	91.3	19	1634.7	1156.7	474230
17	2	77.6	19	1042.4		628603
18	2	77.2	19	1294.8		151957
19	2	72.5	19	1144.5		304348

Radar Type 5_Trial 17

Data Sheet for FCC Radar Type 5						
Trial Number:		17		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	2	82	15	969		543472
2	1	51.7	15			725146
3	3	85.1	15	1693.9	999.9	158028
4	2	70.3	15	1105.7		339426
5	1	58.3	15			521318
6	1	50.3	15			703266
7	1	55.8	15			136114
8	3	98.3	15	1307.7	1849.7	316257
9	3	86.9	15	976.1	1804.1	497212
10	1	59.5	15			681054
11	3	83.7	15	1447.3	1116.3	113373
12	2	74.8	15	943.2		294796
13	3	96.8	15	1796.2	945.2	475285
14	3	92	15	1825	1003	656139
15	2	81.7	15	1819.3		91236
16	1	61.9	15			273109

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Radar Type 5_Trial 18

Data Sheet for FCC Radar Type 5						
Trial Number:		18		VSG Frequency(MHz):		5517.6
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	53.8	19			363616
2	2	82.4	19	1337.6		507450
3	1	59.4	19			55233
4	2	78.7	19	1788.3		199696
5	3	86	19	1910	1890	343053
6	1	59	19			490862
7	1	58.1	19			37402
8	3	84.4	19	1752.6	1191.6	181734
9	3	95.9	19	1615.1	1620.1	325962
10	2	66.9	19	1207.1		472008
11	2	82.9	19	1529.1		19442
12	3	93.5	19	1351.5	1715.5	163704
13	1	50.6	19			309892
14	2	71.5	19	1238.5		454151
15	2	69	19	1393		1625
16	2	82.5	19	1576.5		146435
17	2	74.4	19	1121.6		291312
18	1	52.5	19			437218
19	3	93.8	19	1678.2	1434.2	578944
20	3	96.2	19	1084.8	1798.8	128344

Radar Type 5_Trial 19

Data Sheet for FCC Radar Type 5						
Trial Number:		19		VSG Frequency(MHz):		5513.2
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	3	94.6	8	1308.4	1690.4	497477
2	2	80.7	8	1165.3		762444
3	2	68	8	1186		1026116
4	1	51	8			202167
5	1	63.5	8			466395
6	1	55.1	8			730369
7	2	80.3	8	1563.7		993228
8	2	75.1	8	1122.9		169322
9	1	65.6	8			433563
10	1	58.3	8			698062
11	3	95.7	8	1176.3	1373.3	959946

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Radar Type 5_Trial 20

Data Sheet for FCC Radar Type 5						
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	82.2	11	1328.8		115675
2	1	59.2	11			339298
3	1	58.6	11			562656
4	3	95.8	11	1237.2	971.2	784346
5	1	58.8	11			88370
6	2	68.2	11	1676.8		311242
7	3	98.6	11	1112.4	1558.4	533540
8	3	86.5	11	1841.5	1844.5	755808
9	2	73	11	995		60765
10	3	93.6	11	1730.4	1509.4	283302
11	1	50.7	11			507804
12	2	74.4	11	961.6		730324
13	3	91.5	11	1673.5	1896.5	33175

Radar Type 5_Trial 21

Data Sheet for FCC Radar Type 5						
Trial Number:		21		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	2	67.5	12	1421.5		237889
2	1	62.4	12			446108
3	3	97.6	12	1252.4	1660.4	651045
4	1	65.3	12			5352
5	3	90.6	12	1753.4	1878.4	211813
6	1	51.1	12			420256
7	1	50.4	12			627877
8	3	94.2	12	1365.8	1360.8	832373
9	3	98.2	12	1730.8	1131.8	186588
10	3	85.6	12	1750.4	1763.4	392961
11	2	67.3	12	1835.7		601128
12	2	73.2	12	960.8		808645
13	1	64.3	12			161806
14	1	58.3	12			369422

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Radar Type 5_Trial 22

Data Sheet for FCC Radar Type 5						
Trial Number:		22		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	1	65.1	20			403594
2	2	80.9	20	1458.1		547087
3	2	78.7	20	1724.3		94947
4	2	83	20	1724		239833
5	2	68.7	20	1034.3		384648
6	3	87.5	20	1176.5	1347.5	528248
7	2	71.2	20	1408.8		77213
8	1	50.6	20			222635
9	3	84.2	20	1455.8	1224.8	366185
10	3	92	20	1407	1816	509720
11	2	75.8	20	1230.2		59401
12	1	60.1	20			204585
13	1	64.3	20			349682
14	2	75.8	20	1465.2		493924
15	1	66	20			41647
16	2	70.8	20	1423.2		186439
17	1	52.5	20			331832
18	3	93.9	20	1602.1	1793.1	473933
19	1	56.2	20			23748
20	2	76.6	20	1357.4		168585

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Radar Type 5_Trial 23

Data Sheet for FCC Radar Type 5						
Trial Number:		23		VSG Frequency(MHz):		5502.8
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	83.5	18	1141.5	1876.5	347257
2	1	51.1	18			510455
3	1	57.5	18			6514
4	1	64.9	18			167727
5	3	84.6	18	1654.4	1614.4	327341
6	1	64.4	18			490380
7	1	57.8	18			651329
8	1	51.4	18			147922
9	3	84	18	1804	1013	308079
10	2	73.7	18	1905.3		469204
11	3	91.4	18	1530.6	1451.6	629026
12	2	72.5	18	1394.5		127795
13	3	94.5	18	1651.5	927.5	288214
14	1	59.8	18			450519
15	3	83.5	18	1558.5	1856.5	608587
16	1	55.6	18			108227
17	3	94.3	18	988.7	1379.7	268511
18	1	60.6	18			430733

Radar Type 5_Trial 24

Data Sheet for FCC Radar Type 5						
Trial Number:		24		VSG Frequency(MHz):		5507.2
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	2	82.1	7	1253.9		1184478
2	3	87	7	1424	1783	176431
3	2	70.2	7	995.8		499421
4	2	66.8	7	1217.2		822029
5	2	78.2	7	1314.8		1145080
6	1	55.6	7			137108
7	3	89.6	7	1607.4	942.4	459079
8	2	80.4	7	1784.6		781771
9	3	86.9	7	1756.1	1643.1	1103279

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Radar Type 5_Trial 25

Data Sheet for FCC Radar Type 5						
Trial Number:		25		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	2	74.6	9	1673.4		79513
2	2	78.1	9	1898.9		343326
3	2	77.4	9	1380.6		607224
4	2	83.1	9	1606.9		870860
5	2	73.5	9	1076.5		47039
6	2	66.9	9	1441.1		310982
7	3	87.8	9	1587.2	1260.2	573662
8	2	74.8	9	1224.2		838445
9	1	63.9	9			14527
10	2	73.3	9	1121.7		278481
11	1	63.7	9			542820

Radar Type 5_Trial 26

Data Sheet for FCC Radar Type 5						
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	3	98.5	6	1770.5	1754.5	984387
2	1	54.2	6			1309680
3	2	79.6	6	1836.4		300461
4	2	69.8	6	1422.2		623132
5	2	66.7	6	1170.3		946283
6	1	60.5	6			1269536
7	1	50.6	6			261275
8	1	53.2	6			584228
9	1	65.6	6			907546

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Radar Type 5_Trial 27

Data Sheet for FCC Radar Type 5						
Trial Number:		27		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	1	54.4	15			691462
2	3	92.4	15	1521.6	1696.6	123813
3	1	60.4	15			305771
4	2	76.5	15	1841.5		486181
5	3	92	15	1853	1290	666478
6	1	61.8	15			102006
7	2	69.3	15	1828.7		282780
8	1	56.3	15			465445
9	2	66.7	15	1067.3		645845
10	2	72.9	15	1116.1		79615
11	1	51.9	15			261092
12	2	75.3	15	1502.7		442137
13	1	54.1	15			624512
14	2	77.5	15	1436.5		57262
15	2	83.3	15	1212.7		238468
16	2	73.3	15	995.7		419960

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Radar Type 5_Trial 28

Data Sheet for FCC Radar Type 5						
Trial Number:		28		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	1	56.6	5			1204947
2	3	90.6	5	1569.4	1073.4	69914
3	2	67.8	5	1182.2		433042
4	1	55.6	5			796930
5	1	56.7	5			1160679
6	3	85	5	942	924	25243
7	2	69.5	5	1294.5		388398
8	2	82.4	5	1481.6		751251

Radar Type 5_Trial 29

Data Sheet for FCC Radar Type 5						
Trial Number:		29		VSG Frequency(MHz):		5506
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	80.5	10	1270.5		742202
2	1	62.1	10			985899
3	2	77.8	10	1877.2		228650
4	1	57.3	10			471433
5	1	50.4	10			713779
6	1	50	10			955770
7	2	67.6	10	1159.4		199024
8	1	54.9	10			441427
9	3	86.4	10	1112.6	1787.6	681917
10	1	64.8	10			925532
11	2	82.4	10	1685.6		169151
12	2	82.3	10	1522.7		411022

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Radar Type 5_Trial 30

Data Sheet for FCC Radar Type 5						
Trial Number:		30		VSG Frequency(MHz):		5504.8
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	2	67.7	13	1744.3		559141
2	1	50.8	13			767953
3	3	91.2	13	937.8	1171.8	119382
4	1	61.7	13			327124
5	3	97.6	13	1397.4	962.4	533226
6	2	81.5	13	1154.5		740954
7	1	58.1	13			94102
8	3	91.1	13	1599.9	1415.9	300600
9	2	71.3	13	1106.7		508326
10	3	88.4	13	1409.6	1430.6	714290
11	3	94.4	13	1157.6	1056.6	68412
12	2	76.7	13	1340.3		275776
13	3	96.4	13	1154.6	1169.6	481944
14	3	96.5	13	1885.5	1342.5	687978

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< 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	2	1858.7	538	A	Yes
2	5530	14	1285.3	778	A	Yes
3	5530	5	1672.2	598	A	Yes
4	5530	9	1474.9	678	A	Yes
5	5530	6	1618.1	618	A	Yes
6	5530	4	1730.1	578	A	Yes
7	5530	16	1222.5	818	A	Yes
8	5530	12	1355	738	A	Yes
9	5530	22	1066.1	938	A	Yes
10	5530	17	1193.3	838	A	Yes
11	5530	3	1792.1	558	A	Yes
12	5530	18	1165.5	858	A	Yes
13	5530	7	1567.4	638	A	Yes
14	5530	15	1253.1	798	A	Yes
15	5530	23	326.2	3066	A	Yes
16	5530	-	727.8	1374	B	Yes
17	5530	-	531.6	1881	B	Yes
18	5530	-	1194.7	837	B	Yes
19	5530	-	327.5	3053	B	Yes
20	5530	-	819	1221	B	Yes
21	5530	-	1075.3	930	B	Yes
22	5530	-	455	2198	B	Yes
23	5530	-	492.9	2029	B	Yes
24	5530	-	432.5	2312	B	Yes
25	5530	-	963.4	1038	B	Yes
26	5530	-	598.4	1671	B	Yes
27	5530	-	523	1912	B	Yes
28	5530	-	1278.8	782	B	Yes
29	5530	-	364.8	2741	B	Yes
30	5530	-	465.1	2150	B	Yes

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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	23	1.2	204	Yes
2	5530	28	4.2	154	Yes
3	5530	24	1.9	169	Yes
4	5530	28	4	166	No
5	5530	25	2.5	186	Yes
6	5530	28	4.2	162	Yes
7	5530	23	1.2	195	Yes
8	5530	29	4.7	208	No
9	5530	29	4.8	219	Yes
10	5530	29	4.6	221	Yes
11	5530	28	4	198	Yes
12	5530	26	3	210	Yes
13	5530	27	3.8	215	Yes
14	5530	26	3	184	Yes
15	5530	27	3.4	176	Yes
16	5530	29	4.6	155	Yes
17	5530	27	3.8	200	No
18	5530	29	4.8	174	Yes
19	5530	24	1.9	160	Yes
20	5530	25	2.7	189	Yes
21	5530	26	2.9	151	Yes
22	5530	29	5	159	Yes
23	5530	28	4.3	170	No
24	5530	23	1.5	164	Yes
25	5530	24	2.1	230	Yes
26	5530	23	1.5	197	Yes
27	5530	27	3.6	226	Yes
28	5530	23	1.1	172	Yes
29	5530	25	2.4	201	Yes
30	5530	26	3	180	No

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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	6.2	271	Yes
2	5530	18	9.2	360	Yes
3	5530	16	6.9	257	No
4	5530	18	9	265	Yes
5	5530	17	7.5	207	No
6	5530	18	9.2	290	Yes
7	5530	16	6.2	460	No
8	5530	18	9.7	312	Yes
9	5530	18	9.8	363	Yes
10	5530	18	9.6	293	Yes
11	5530	18	9	493	Yes
12	5530	17	8	438	Yes
13	5530	18	8.8	337	Yes
14	5530	17	8	282	Yes
15	5530	17	8.4	332	Yes
16	5530	18	9.6	457	Yes
17	5530	18	8.8	241	Yes
18	5530	18	9.8	485	Yes
19	5530	16	6.9	288	Yes
20	5530	17	7.7	320	Yes
21	5530	17	7.9	385	Yes
22	5530	18	10	245	Yes
23	5530	18	9.3	301	Yes
24	5530	16	6.5	347	Yes
25	5530	16	7.1	286	Yes
26	5530	16	6.5	280	Yes
27	5530	17	8.6	475	No
28	5530	16	6.1	200	Yes
29	5530	17	7.4	370	Yes
30	5530	17	8	458	No

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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	12	11.5	271	No
2	5530	15	18.1	360	Yes
3	5530	13	13.2	257	Yes
4	5530	15	17.6	265	No
5	5530	13	14.3	207	Yes
6	5530	16	18.3	290	No
7	5530	12	11.5	460	Yes
8	5530	16	19.2	312	Yes
9	5530	16	19.5	363	Yes
10	5530	16	19	293	Yes
11	5530	15	17.6	493	Yes
12	5530	14	15.5	438	Yes
13	5530	15	17.2	337	Yes
14	5530	14	15.4	282	Yes
15	5530	15	16.5	332	Yes
16	5530	16	19.2	457	Yes
17	5530	15	17.2	241	Yes
18	5530	16	19.4	485	Yes
19	5530	13	13.1	288	Yes
20	5530	14	14.8	320	No
21	5530	14	15.4	385	Yes
22	5530	16	20	245	Yes
23	5530	16	18.4	301	Yes
24	5530	12	12.1	347	Yes
25	5530	13	13.5	286	Yes
26	5530	12	12.1	280	Yes
27	5530	15	16.9	475	Yes
28	5530	12	11.3	200	Yes
29	5530	13	14.1	370	Yes
30	5530	14	15.5	458	Yes

Long Pulse Radar Test Waveforms

Radar Type 5_Trial 1

Data Sheet for FCC Radar Type 5						
Trial Number:		1		VSG Frequency(MHz):		5530
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	53.2	6			459314
2	3	89.6	6	998.4	1307.4	821434
3	1	62.1	6			1186533
4	3	86.8	6	919.2	1099.2	51133
5	2	68.6	6	1810.4		414158
6	3	90.2	6	1080.8	1125.8	776674
7	1	52.9	6			1141879
8	3	95.3	6	1248.7	1727.7	6431

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Radar Type 5_Trial 2

Data Sheet for FCC Radar Type 5						
Trial Number:		2		VSG Frequency(MHz):		5530
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	96.9	17	1340.1	1029.1	163511
2	3	94.4	17	1556.6	1284.6	324198
3	3	86.8	17	1042.2	1205.2	484699
4	2	75.2	17	1683.8		646027
5	3	84.2	17	1427.8	1526.8	143646
6	2	74.5	17	1760.5		304987
7	2	80.3	17	1816.7		465883
8	3	95.1	17	1243.9	1173.9	625495
9	3	84.3	17	1029.7	1748.7	123936
10	3	96.6	17	1090.4	1559.4	284669
11	1	61.8	17			447236
12	2	71.1	17	1366.9		607278
13	2	74.4	17	974.6		104457
14	3	99.8	17	925.2	1384.2	264840
15	3	90.9	17	1481.1	1014.1	425378
16	1	56.4	17			588812
17	1	64.1	17			84728
18	1	56.1	17			246100

Radar Type 5_Trial 3

Data Sheet for FCC Radar Type 5						
Trial Number:		3		VSG Frequency(MHz):		5530
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	2	82.8	8	1102.2		666579
2	1	52	8			931571
3	2	67.4	8	970.6		106031
4	2	75.1	8	1515.9		369972
5	2	80.4	8	1839.6		633702
6	3	88.9	8	1169.1	1465.1	896473
7	1	60.8	8			73640
8	1	57	8			337830
9	3	96.8	8	1565.2	1367.2	600209
10	3	97	8	1095	1003	864171
11	2	68.9	8	1875.1		41002

Radar Type 5_Trial 4

Data Sheet for FCC Radar Type 5						
Trial Number:		4		VSG Frequency(MHz):		5530
Number of Bursts in Trial:			17		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	92.1	16	917.9	1647.9	196661
2	1	57.7	16			368454
3	1	63.3	16			538834
4	3	84.8	16	1677.2	958.2	5499
5	2	71.3	16	1326.7		176130
6	1	59.3	16			347347
7	3	98.5	16	1485.5	1896.5	515465
8	1	60.6	16			688722
9	1	52.2	16			155360
10	3	87	16	1859	1298	324415
11	1	59.4	16			497001
12	3	95	16	1107	1462	664738
13	2	77.8	16	1085.2		134020
14	3	88.2	16	1126.8	913.8	304178
15	2	81.5	16	1414.5		474730
16	3	96	16	1409	1457	644296
17	2	72.1	16	1714.9		112918

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Radar Type 5_Trial 5

Data Sheet for FCC Radar Type 5						
Trial Number:		5		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	88.3	10	1788.7	1844.7	401291
2	1	53.5	10			644528
3	3	98.7	10	1295.3	1867.3	883873
4	1	55.7	10			130699
5	2	72.7	10	1011.3		372566
6	1	62.5	10			614976
7	1	57.3	10			857127
8	1	50.8	10			100816
9	2	77.9	10	1276.1		342628
10	2	71.7	10	1359.3		584328
11	1	63.9	10			827704
12	3	97.9	10	1501.1	1557.1	70803

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Radar Type 5_Trial 6

Data Sheet for FCC Radar Type 5						
Trial Number:		6		VSG Frequency(MHz):		5530
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	64.4	17			208665
2	2	77.2	17	1504.8		369289
3	2	77.8	17	1610.2		529738
4	3	83.4	17	1767.6	1416.6	27312
5	2	76.2	17	1082.8		188429
6	3	92.2	17	1400.8	1080.8	348828
7	3	88.9	17	1327.1	934.1	509666
8	3	98.5	17	1247.5	1419.5	7537
9	3	86.3	17	1852.7	1317.7	168095
10	1	53	17			329982
11	3	90.4	17	1488.6	1879.6	489261
12	3	92.4	17	1382.6	1602.6	649287
13	3	95.8	17	1877.2	1770.2	148111
14	1	61.8	17			310145
15	2	69.1	17	1109.9		470854
16	2	73.4	17	1512.6		631023
17	1	57	17			129050
18	3	89.6	17	1541.4	1462.4	289166

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Radar Type 5_Trial 7

Data Sheet for FCC Radar Type 5						
Trial Number:		7		VSG Frequency(MHz):		5530
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	86.9	5	1260.1	1123.1	1016169
2	3	99	5	948	1257	1379189
3	3	92.9	5	1014.1	1224.1	245822
4	3	88.7	5	952.3	1503.3	608513
5	2	68.7	5	1721.3		971813
6	3	93.3	5	1350.7	1052.7	1334356
7	3	98.3	5	1701.7	1233.7	201008
8	1	63.2	5			564898

Radar Type 5_Trial 8

Data Sheet for FCC Radar Type 5						
Trial Number:		8		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	69.4	19	1794.6		389132
2	3	95.2	19	1271.8	1425.8	540635
3	1	55.9	19			65824
4	3	84	19	1874	1015	217529
5	3	93.5	19	1125.5	1080.5	369977
6	3	87.6	19	1060.4	1753.4	521468
7	3	84.6	19	1824.4	1799.4	46743
8	1	62.8	19			199972
9	3	87.9	19	1754.1	1066.1	351062
10	1	59.7	19			505236
11	2	81.7	19	1656.3		28162
12	1	61.6	19			180959
13	1	51.6	19			333991
14	3	96.1	19	1048.9	1758.9	484225
15	3	92.7	19	1601.3	1625.3	9343
16	3	97.6	19	1840.4	1700.4	161123
17	3	85.8	19	1252.2	1287.2	313724
18	3	85.2	19	1184.8	1385.8	466069
19	1	63.1	19			620197

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Radar Type 5_Trial 9

Data Sheet for FCC Radar Type 5						
Trial Number:		9		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	56.2	19			136162
2	1	59.9	19			281247
3	1	60.8	19			426683
4	3	93.4	19	1383.6	1869.6	568139
5	3	84	19	1161	1884	117631
6	3	93.9	19	1033.1	1110.1	262537
7	3	88.3	19	1813.7	1480.7	406272
8	3	84.9	19	1553.1	1600.1	550915
9	1	65	19			100358
10	1	55	19			245755
11	2	75.7	19	1077.3		389803
12	1	58.5	19			536040
13	3	84.5	19	1698.5	1678.5	82003
14	3	85.1	19	1705.9	1434.9	226312
15	1	62.9	19			373153
16	2	72.7	19	1490.3		516368
17	3	93.7	19	1554.3	1378.3	64309
18	3	92.6	19	1664.4	971.4	208779
19	1	52.3	19			354793
20	1	59.6	19			500384

Radar Type 5_Trial 10

Data Sheet for FCC Radar Type 5						
Trial Number:		10		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	1	52.8	19			49260
2	1	57.8	19			202140
3	2	83	19	1305		353936
4	2	74	19	1861		506007
5	1	59.4	19			30431
6	3	91.7	19	1575.3	1588.3	182322
7	3	95.4	19	1337.6	1334.6	334546
8	3	88	19	1165	1070	487057
9	3	90.9	19	1684.1	983.1	11563
10	1	56.2	19			164446
11	3	95.4	19	1197.6	1185.6	315733
12	1	52.9	19			470176
13	3	83.5	19	1579.5	1373.5	619668
14	2	80.1	19	1089.9		145363
15	3	92.1	19	1575.9	952.9	297174
16	1	53.3	19			451187
17	1	58.6	19			604463
18	1	51.7	19			126753
19	2	71.9	19	1641.1		278960

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Radar Type 5_Trial 11

Data Sheet for FCC Radar Type 5						
Trial Number:		11		VSG Frequency(MHz):		5536.4
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	3	90.1	16	1138.9	1217.9	481413
2	1	55.1	16			653906
3	1	52.7	16			120632
4	2	69.5	16	1710.5		290690
5	1	57.7	16			462185
6	1	62.1	16			633007
7	1	51.2	16			99602
8	3	97.2	16	1470.8	919.8	269538
9	2	76.6	16	1901.4		440016
10	3	88.7	16	998.3	1593.3	609479
11	2	73.3	16	1224.7		78521
12	3	99	16	1094	1119	248546
13	1	55	16			420349
14	3	83.5	16	1775.5	1797.5	587997
15	2	75.6	16	1036.4		57466
16	1	60.3	16			228380
17	3	98.4	16	1427.6	1124.6	397604

Radar Type 5_Trial 12

Data Sheet for FCC Radar Type 5						
Trial Number:		12		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	2	76.9	13	1672.1		691148
2	3	86.9	13	941.1	950.1	44260
3	3	84	13	1379	1518	251083
4	3	92.4	13	1787.6	1001.6	457737
5	3	98.5	13	1022.5	1330.5	664724
6	1	50.3	13			18810
7	3	94	13	1567	1362	225484
8	1	58.7	13			433775
9	1	59.7	13			641135
10	2	72.8	13	1386.2		847055
11	2	75.1	13	1627.9		200267
12	1	54.4	13			408278
13	3	93	13	1463	1097	613649
14	1	59.6	13			823457

Radar Type 5_Trial 13

Data Sheet for FCC Radar Type 5						
Trial Number:		13		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	64.1	15			153202
2	3	92	15	966	1481	333417
3	2	70.6	15	1188.4		515668
4	1	62.2	15			697688
5	1	54.4	15			130940
6	1	50	15			312396
7	3	88.4	15	1699.6	1680.6	491494
8	2	75.3	15	1458.7		674401
9	1	61.8	15			108536
10	1	58.1	15			290240
11	3	94.5	15	1530.5	1329.5	469678
12	2	68.7	15	1006.3		652215
13	3	99.4	15	982.6	1080.6	85877
14	2	67.6	15	1179.4		267155
15	1	57.3	15			448973
16	3	90.3	15	1199.7	1206.7	628339

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Radar Type 5_Trial 14

Data Sheet for FCC Radar Type 5						
Trial Number:		14		VSG Frequency(MHz):		5534.8
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	2	69.4	12	1677.6		72808
2	1	57.9	12			280627
3	2	69.8	12	1504.2		486976
4	3	93.7	12	1045.3	1162.3	693801
5	2	76.5	12	1777.5		47300
6	2	71.7	12	1824.3		254267
7	2	67.8	12	1359.2		461607
8	2	79.6	12	1637.4		668524
9	3	91.7	12	1031.3	1334.3	21773
10	1	54.8	12			229278
11	1	58.8	12			437015
12	1	60.7	12			644496
13	3	98.1	12	1728.9	957.9	849306
14	3	89.4	12	1400.6	1263.6	203056

Radar Type 5_Trial 15

Data Sheet for FCC Radar Type 5						
Trial Number:		15		VSG Frequency(MHz):		5535.6
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	76.2	14	1217.8		383368
2	3	92.8	14	1814.2	1185.2	574892
3	3	83.7	14	1300.3	1324.3	768520
4	2	79	14	1089		166183
5	1	59.2	14			359935
6	1	57	14			553490
7	3	84.5	14	1451.5	1328.5	744859
8	2	71.2	14	1404.8		142291
9	2	71.1	14	985.9		335518
10	1	60.2	14			529838
11	1	60	14			723720
12	1	51.6	14			118619
13	2	75	14	1128		311772
14	2	75.8	14	1749.2		504866
15	3	97.9	14	1243.1	1859.1	696515

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Radar Type 5_Trial 16

Data Sheet for FCC Radar Type 5						
Trial Number:		16		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	2	79.7	19	1520.3		74561
2	1	50.9	19			227754
3	2	76.4	19	978.6		379515
4	1	51.3	19			532896
5	2	69.4	19	1674.6		55798
6	1	53.3	19			208795
7	2	67.1	19	985.9		360960
8	3	84.6	19	1834.4	1907.4	511221
9	3	99.3	19	915.7	1207.7	37023
10	2	83.2	19	1073.8		189717
11	3	92.4	19	1531.6	1813.6	340813
12	2	74.1	19	1579.9		494006
13	3	91	19	1546	1227	18219
14	2	70.6	19	1858.4		170549
15	3	99.7	19	1614.3	1219.3	322579
16	3	91.3	19	1634.7	1156.7	474230
17	2	77.6	19	1042.4		628603
18	2	77.2	19	1294.8		151957
19	2	72.5	19	1144.5		304348

Radar Type 5_Trial 17

Data Sheet for FCC Radar Type 5						
Trial Number:		17		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	2	82	15	969		543472
2	1	51.7	15			725146
3	3	85.1	15	1693.9	999.9	158028
4	2	70.3	15	1105.7		339426
5	1	58.3	15			521318
6	1	50.3	15			703266
7	1	55.8	15			136114
8	3	98.3	15	1307.7	1849.7	316257
9	3	86.9	15	976.1	1804.1	497212
10	1	59.5	15			681054
11	3	83.7	15	1447.3	1116.3	113373
12	2	74.8	15	943.2		294796
13	3	96.8	15	1796.2	945.2	475285
14	3	92	15	1825	1003	656139
15	2	81.7	15	1819.3		91236
16	1	61.9	15			273109

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Radar Type 5_Trial 18

Data Sheet for FCC Radar Type 5						
Trial Number:		18		VSG Frequency(MHz):		5537.6
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	53.8	19			363616
2	2	82.4	19	1337.6		507450
3	1	59.4	19			55233
4	2	78.7	19	1788.3		199696
5	3	86	19	1910	1890	343053
6	1	59	19			490862
7	1	58.1	19			37402
8	3	84.4	19	1752.6	1191.6	181734
9	3	95.9	19	1615.1	1620.1	325962
10	2	66.9	19	1207.1		472008
11	2	82.9	19	1529.1		19442
12	3	93.5	19	1351.5	1715.5	163704
13	1	50.6	19			309892
14	2	71.5	19	1238.5		454151
15	2	69	19	1393		1625
16	2	82.5	19	1576.5		146435
17	2	74.4	19	1121.6		291312
18	1	52.5	19			437218
19	3	93.8	19	1678.2	1434.2	578944
20	3	96.2	19	1084.8	1798.8	128344

Radar Type 5_Trial 19

Data Sheet for FCC Radar Type 5						
Trial Number:		19		VSG Frequency(MHz):		5533.2
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	3	94.6	8	1308.4	1690.4	497477
2	2	80.7	8	1165.3		762444
3	2	68	8	1186		1026116
4	1	51	8			202167
5	1	63.5	8			466395
6	1	55.1	8			730369
7	2	80.3	8	1563.7		993228
8	2	75.1	8	1122.9		169322
9	1	65.6	8			433563
10	1	58.3	8			698062
11	3	95.7	8	1176.3	1373.3	959946

Radar Type 5_Trial 20

Data Sheet for FCC Radar Type 5						
Trial Number:		20		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	82.2	11	1328.8		115675
2	1	59.2	11			339298
3	1	58.6	11			562656
4	3	95.8	11	1237.2	971.2	784346
5	1	58.8	11			88370
6	2	68.2	11	1676.8		311242
7	3	98.6	11	1112.4	1558.4	533540
8	3	86.5	11	1841.5	1844.5	755808
9	2	73	11	995		60765
10	3	93.6	11	1730.4	1509.4	283302
11	1	50.7	11			507804
12	2	74.4	11	961.6		730324
13	3	91.5	11	1673.5	1896.5	33175

Radar Type 5_Trial 21

Data Sheet for FCC Radar Type 5						
Trial Number:		21		VSG Frequency(MHz):		5525.2
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	2	67.5	12	1421.5		237889
2	1	62.4	12			446108
3	3	97.6	12	1252.4	1660.4	651045
4	1	65.3	12			5352
5	3	90.6	12	1753.4	1878.4	211813
6	1	51.1	12			420256
7	1	50.4	12			627877
8	3	94.2	12	1365.8	1360.8	832373
9	3	98.2	12	1730.8	1131.8	186588
10	3	85.6	12	1750.4	1763.4	392961
11	2	67.3	12	1835.7		601128
12	2	73.2	12	960.8		808645
13	1	64.3	12			161806
14	1	58.3	12			369422

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Radar Type 5_Trial 22

Data Sheet for FCC Radar Type 5						
Trial Number:		22		VSG Frequency(MHz):		5522
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	65.1	20			403594
2	2	80.9	20	1458.1		547087
3	2	78.7	20	1724.3		94947
4	2	83	20	1724		239833
5	2	68.7	20	1034.3		384648
6	3	87.5	20	1176.5	1347.5	528248
7	2	71.2	20	1408.8		77213
8	1	50.6	20			222635
9	3	84.2	20	1455.8	1224.8	366185
10	3	92	20	1407	1816	509720
11	2	75.8	20	1230.2		59401
12	1	60.1	20			204585
13	1	64.3	20			349682
14	2	75.8	20	1465.2		493924
15	1	66	20			41647
16	2	70.8	20	1423.2		186439
17	1	52.5	20			331832
18	3	93.9	20	1602.1	1793.1	473933
19	1	56.2	20			23748
20	2	76.6	20	1357.4		168585

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Radar Type 5_Trial 23

Data Sheet for FCC Radar Type 5						
Trial Number:		23		VSG Frequency(MHz):		5522.8
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	83.5	18	1141.5	1876.5	347257
2	1	51.1	18			510455
3	1	57.5	18			6514
4	1	64.9	18			167727
5	3	84.6	18	1654.4	1614.4	327341
6	1	64.4	18			490380
7	1	57.8	18			651329
8	1	51.4	18			147922
9	3	84	18	1804	1013	308079
10	2	73.7	18	1905.3		469204
11	3	91.4	18	1530.6	1451.6	629026
12	2	72.5	18	1394.5		127795
13	3	94.5	18	1651.5	927.5	288214
14	1	59.8	18			450519
15	3	83.5	18	1558.5	1856.5	608587
16	1	55.6	18			108227
17	3	94.3	18	988.7	1379.7	268511
18	1	60.6	18			430733

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Radar Type 5_Trial 24

Data Sheet for FCC Radar Type 5						
Trial Number:		24		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	2	82.1	7	1253.9		1184478
2	3	87	7	1424	1783	176431
3	2	70.2	7	995.8		499421
4	2	66.8	7	1217.2		822029
5	2	78.2	7	1314.8		1145080
6	1	55.6	7			137108
7	3	89.6	7	1607.4	942.4	459079
8	2	80.4	7	1784.6		781771
9	3	86.9	7	1756.1	1643.1	1103279

Radar Type 5_Trial 25

Data Sheet for FCC Radar Type 5						
Trial Number:		25		VSG Frequency(MHz):		5526.4
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	2	74.6	9	1673.4		79513
2	2	78.1	9	1898.9		343326
3	2	77.4	9	1380.6		607224
4	2	83.1	9	1606.9		870860
5	2	73.5	9	1076.5		47039
6	2	66.9	9	1441.1		310982
7	3	87.8	9	1587.2	1260.2	573662
8	2	74.8	9	1224.2		838445
9	1	63.9	9			14527
10	2	73.3	9	1121.7		278481
11	1	63.7	9			542820

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Radar Type 5_Trial 26

Data Sheet for FCC Radar Type 5						
Trial Number:		26		VSG Frequency(MHz):		5527.6
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	3	98.5	6	1770.5	1754.5	984387
2	1	54.2	6			1309680
3	2	79.6	6	1836.4		300461
4	2	69.8	6	1422.2		623132
5	2	66.7	6	1170.3		946283
6	1	60.5	6			1269536
7	1	50.6	6			261275
8	1	53.2	6			584228
9	1	65.6	6			907546

Radar Type 5_Trial 27

Data Sheet for FCC Radar Type 5						
Trial Number:		27		VSG Frequency(MHz):		5524
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	54.4	15			691462
2	3	92.4	15	1521.6	1696.6	123813
3	1	60.4	15			305771
4	2	76.5	15	1841.5		486181
5	3	92	15	1853	1290	666478
6	1	61.8	15			102006
7	2	69.3	15	1828.7		282780
8	1	56.3	15			465445
9	2	66.7	15	1067.3		645845
10	2	72.9	15	1116.1		79615
11	1	51.9	15			261092
12	2	75.3	15	1502.7		442137
13	1	54.1	15			624512
14	2	77.5	15	1436.5		57262
15	2	83.3	15	1212.7		238468
16	2	73.3	15	995.7		419960

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Radar Type 5_Trial 28

Data Sheet for FCC Radar Type 5						
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	56.6	5			1204947
2	3	90.6	5	1569.4	1073.4	69914
3	2	67.8	5	1182.2		433042
4	1	55.6	5			796930
5	1	56.7	5			1160679
6	3	85	5	942	924	25243
7	2	69.5	5	1294.5		388398
8	2	82.4	5	1481.6		751251

Radar Type 5_Trial 29

Data Sheet for FCC Radar Type 5						
Trial Number:		29		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	2	80.5	10	1270.5		742202
2	1	62.1	10			985899
3	2	77.8	10	1877.2		228650
4	1	57.3	10			471433
5	1	50.4	10			713779
6	1	50	10			955770
7	2	67.6	10	1159.4		199024
8	1	54.9	10			441427
9	3	86.4	10	1112.6	1787.6	681917
10	1	64.8	10			925532
11	2	82.4	10	1685.6		169151
12	2	82.3	10	1522.7		411022

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Radar Type 5_Trial 30

Data Sheet for FCC Radar Type 5						
Trial Number:		30		VSG Frequency(MHz):		5524.8
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	2	67.7	13	1744.3		559141
2	1	50.8	13			767953
3	3	91.2	13	937.8	1171.8	119382
4	1	61.7	13			327124
5	3	97.6	13	1397.4	962.4	533226
6	2	81.5	13	1154.5		740954
7	1	58.1	13			94102
8	3	91.1	13	1599.9	1415.9	300600
9	2	71.3	13	1106.7		508326
10	3	88.4	13	1409.6	1430.6	714290
11	3	94.4	13	1157.6	1056.6	68412
12	2	76.7	13	1340.3		275776
13	3	96.4	13	1154.6	1169.6	481944
14	3	96.5	13	1885.5	1342.5	687978

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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